

ESI 2. The measured 1095 spectral lines of the Fe atom in the 170-600 nm wavelength region, comparing to that shown in the reference with energy transitions happened between the energy levels by more and possible explanations in expectation.

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
1	170.956	26	170.95543	Fe II	$3d^7$	$3d^6(^3P2)4p$	[1]
			170.96143	Fe II	$3d^6(^5D)4p$	$3d^6(^3F2)4d$	[1]
			170.96852	Fe II	$3d^7$	$3d^6(^3D)4p$	[1]
2	171.991	23	171.9777	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			172.00396	Fe II	$3d^7$	$3d^6(^3D)4p$	[1]
3	172.147	22	172.1484	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			172.1484	Fe II	$3d^6(^3G)4s$	$3d^6(^5D)5p$	[1]
4	175.577	29	175.585	Fe II	$3d^6(^3H)4s$	$3d^6(^1F)4p$	[1]
			175.5885	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)6s$	[1]
			175.5885	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)6s$	[1]
5	176.335	24	176.3304	Fe I	$3d^64s^2$	$3d^64s(^6D)6p$	[2]
			176.3304	Fe II	$3d^54s^2$	$3d^6(^3H)5p$	[1]
			176.3444	Fe I	$3d^64s^2$	$3d^64s(^6D)6p$	[2]
6	176.913	41	176.91409	Fe II	$3d^6(^1D2)4s$	$3d^5(^4P)4s4p(^3P^{\circ})$	[1]
			176.92736	Fe II	$3d^5(^6S)4s4p(^3P^{\circ})$	$3d^54s(^7S)4d$	[1]
7	178.537	42	178.52342	Fe II	$3d^54s^2$	$3d^6(^3F1)5p$	[1]
			178.527761	Fe II	$3d^54s^2$	$3d^5(^6S)4s4p(^1P^{\circ})$	[1]
			178.54758	Fe II	$3d^54s^2$	$3d^6(^3F1)5p$	[1]
8	179.764	128	179.7626	Fe II	$3d^54s^2$	$3d^6(^3H)5p$	[1]
			179.7626	Fe II	$3d^7$	$3d^5(^6S)4s4p(^3P^{\circ})$	[1]
9	180.944	20	180.9291	Fe II	$3d^6(^5D)4p$	$3d^6(^3P2)5s$	[1]
			180.93168	Fe II	$3d^7$	$3d^6(^1S2)4p$	[1]
10	182.496	35	182.486	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)6s$	[1]
			182.498	Fe II	$3d^7$	$3d^6(^3D)4p$	[1]
11	183.049	24	183.0401	Fe II	$3d^54s^2$	$3d^5(^4G)4s4p(^1P^{\circ})$	[1]
			183.046314	Fe II	$3d^54s^2$	$3d^5(^4G)4s4p(^1P^{\circ})$	[1]
12	184.806	21	184.79265	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			184.8081	Fe II	$3d^6(^5D)4s$	$3d^6(^3F2)4p$	[1]
			184.8081	Fe II	$3d^6(^1D2)4s$	$3d^6(^3P1)4p$	[1]
13	186.238	50	186.23256	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^{\circ})$	[2]
			186.2443	Fe II	$3d^54s^2$	$3d^5(^4F)4s4p(^3P^{\circ})$	[1]
14	186.527	38	186.521	Fe II	$3d^54s^2$	$3d^5(^4F)4s4p(^3P^{\circ})$	[1]
			186.53091	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
15	187.502	34	187.4897	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
			187.49711	Fe II	$3d^6(^5D)4s$	$3d^6(^3P2)4p$	[1]
			187.51355	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			187.51587	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
16	188.14	25	188.13114	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
			188.13797	Fe II	$3d^5 4s^2$	$3d^6(^3F2)5p$	[1]
17	188.356	32	188.36489	Fe II	$3d^5 4s^2$	$3d^5(^2D1)4s4p(^3P^{\circ})$	[1]
			188.36797	Fe I	$3d^6 4s^2$	$3d^6(^3D)4s4p(^3P^{\circ})$	[2]
18	188.404	37	188.39225	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
			188.41181	Fe II	$3d^5 4s^2$	$3d^6(^3F2)5p$	[1]
19	188.982	25	188.9807	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)6d$	[1]
			188.9835	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)6d$	[1]
			188.98752	Fe II	$3d^5 4s^2$	$3d^6(^3F2)5p$	[1]
			188.98978	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
20	189.102	31	189.09833	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			189.10513	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			189.10865	Fe II	$3d^5 4s^2$	$3d^6(^3F1)5p$	[1]
21	189.295	32	189.2853	Fe I	$3d^6 4s^2$	$3d^7(^2P)4p$	[2]
			189.29223	Fe II	$3d^5 4s^2$	$3d^6(^3F2)5p$	[1]
22	189.511	19	189.507	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			189.5202	Fe II	$3d^5 4s^2$	$3d^5(^2D3)4s4p(^3P^{\circ})$	[1]
23	190.546	18	190.560381	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
24	190.57	23	190.560381	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			190.57409	Fe II	$3d^6(^3P1)4s$	$3d^5(^4D)4s4p(^3P^{\circ})$	[1]
25	190.991	28	190.9793	Fe II	$3d^7$	$3d^5(^4P)4s4p(^3P^{\circ})$	[1]
			190.9923	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)6d$	[1]
26	191.076	50	191.06731	Fe II	$3d^7$	$3d^6(^1G2)4p$	[1]
			191.078	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
27	194.697	39	194.6839	Fe I	$3d^6 4s^2$	$3d^7(^2D2)4p$	[2]
			194.69878	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s(^6D)5p$	[2]
			194.69972	Fe II	$3d^6(^3P1)4s$	$3d^5(^4D)4s4p(^3P^{\circ})$	[1]
28	196.275	22	196.27332	Fe I	$3d^6 4s^2$	$3d^7(^2D2)4p$	[2]
			196.28835	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s(^6D)5p$	[2]
29	196.708	66	196.7127	Fe I	$3d^7(^4F)4s$	$3d^6 4s(^4D)5p$	[2]
			196.72087	Fe II	$3d^5(^6S)4s4p(^3P^{\circ})$	$3d^5(^6S)4p^2$	[1]
30	199.55	21	199.5423	Fe II	$3d^6(^3P2)4s$	$3d^6(^3D)4p$	[1]

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			199.54469	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			199.55396	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
31	200.063	25	200.0578	Fe I	$3d^7(^4F)4s$	$3d^6(^3D)4s4p(^1P^o)$	[2]
			200.0671	Fe I	$3d^7(^4F)4s$	$3d^6 4s(^6D)6p$	[2]
32	200.086	86	200.09046	Fe II	$3d^5 4s^2$	$3d^5(^2D3)4s4p(^3P^o)$	[1]
			200.09291	Fe II	$3d^5 4s^2$	$3d^5(^2D1)4s4p(^3P^o)$	[1]
33	200.931	46	200.918	Fe II	$3d^6(^1F)4s$	$3d^5(^4D)4s4p(^3P^o)$	[1]
			200.9216	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			200.92881	Fe II	$3d^5 4s^2$	$3d^6(^5D)6p$	[1]
			200.9367	Fe II	$3d^6(^1D2)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
34	201.495	32	201.494	Fe I	$3d^7(^4F)4s$	$3d^6 4s(^6D)6p$	[2]
			201.494	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]
35	201.701	16	201.7033	Fe II	$3d^7$	$3d^6(^3G)4p$	[1]
			201.7094	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			201.7159	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s(^6D)5p$	[2]
36	201.724	22	201.7094	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			201.7159	Fe I	$3d^6 4s^2$	$3d6(^5D)4s(^6D)5p$	[2]
37	201.918		201.9075	Fe I	$3d^7(^4F)4s$	$3d^6 4s(^6D)6p$	[2]
			201.9192	Fe II	$3d^7$	$3d^6(^3G)4p$	[1]
38	202.18	24	202.1664	Fe II	$3d^5 4s^2$	$3d^6(^5D_2)4f$	[1]
			202.1664	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)6s$	[1]
			202.1714	Fe I	$3d^7(^4F)4s$	$3d^6 4s(^6D_{5/2})4f$	[2]
39	202.624	40	202.6261	Fe I	$3d^7(^4F)4s$	$3d^6 4s(^6D)6p$	[2]
			202.63229	Fe II	$3d^6(^3G)4p$	$3d^6(^3D)4d$	[1]
40	204.231	131	204.2254	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)6d$	[1]
			204.2254	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)7s$	[1]
41	207.829	37	207.81607	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			207.84064	Fe II	$3d^5 4s^2$	$3d^5(^2F1)4s4p(^3P^o)$	[1]
42	207.85	38	207.84064	Fe II	$3d^5 4s^2$	$3d^5(^2F1)4s4p(^3P^o)$	[1]
43	210.654	30	210.63947	Fe I	$3d^6 4s^2$	$3d^5(^6S)4s^2 4p$	[2]
			210.64339	Fe II	$3d^5 4s^2$	$3d^5(^2D3)4s4p(^3P^o)$	[1]
			210.64962	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]
44	210.913	23	210.89982	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^5 4s(^7S)4d$	[1]
			210.91032	Fe II	$3d^6(^3H)4s$	$3d^6(^1I)4p$	[1]
			210.91032	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]
45	211.026	19	211.02353	Fe I	$3d^7(^4F)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]

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			211.03095	Fe II	$3d^7$	$3d^6(^3F1)4p$	[1]
46	211.53	23	211.51699	Fe I	$3d^64s^2$	$3d^5(^6S)4s^24p$	[2]
			211.5439	Fe II	$3d^6(^1F)4s$	$3d^6(^3F1)4p$	[1]
47	211.643	36	211.63507	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^54s(^5S)4d$	[1]
			211.64815	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^54s(^5S)4d$	[1]
48	212.286	95	212.2799	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			212.2957	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
49	212.428	37	212.42072	Fe II	$3d^6(^3H)4p$	$3d^6(^1I)5s$	[1]
			212.4389	Fe II	$3d^54s^2$	$3d^6(^5D)6p$	[1]
50	212.63	30	212.62103	Fe II	$3d^6(^3P2)4s$	$3d^5(^6S)4s4p(^3P^o)$	[1]
			212.62105	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			212.63764	Fe II	$3d^54s^2$	$3d^5(^2D3)4s4p(^3P^o)$	[1]
			212.64203	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
51	212.762	69	212.7474	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			212.7603	Fe II	$3d^6(^3F2)4s$	$3d^6(^3D)4p$	[1]
			212.7603	Fe II	$3d^6(^3P2)4p$	$3d^6(^3D)5s$	[1]
52	213.054	26	213.04075	Fe I	$3d^7(^4F)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			213.04404	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			213.05493	Fe II	$3d^6(^3H)4s$	$3d^6(^1G2)4p$	[1]
53	213.315	21	213.30295	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			213.31848	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
54	213.415	37	213.40093	Fe II	$3d^6(^3G)4s$	$3d^6(^3D)4p$	[1]
			213.4238	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
55	214.3	23	214.2991	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			214.31039	Fe II	$3d^6(^3F2)4p$	$3d^6(^3D)5s$	[1]
56	214.433	47	214.4367	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
			214.44485	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
57	214.457	37	214.44485	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			214.45681	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
58	214.65	28	214.63689	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			214.65074	Fe II	$3d^54s^2$	$3d^5(^2D3)4s4p(^3P^o)$	[1]
			214.6606	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
59	215.349	113	215.3438	Fe II	$3d^6(^3F2)4p$	$3d^6(^3D)5s$	[1]
			215.3607	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
60	215.59	28	215.58144	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			215.58703	Fe II	$3d^6(^3G)4s$	$3d^6(^3D)4p$	[1]

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61	215.782	33	215.77944	Fe I	$3d^6 4s^2$	$3d^7(^4P)4p$	[2]
			215.79388	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			215.79604	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
62	216.337	40	216.33665	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			216.34848	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
63	216.53	39	216.5232	Fe II	$3d^6(^3P2)4s$	$3d^6(^3F2)4p$	[1]
			216.5283	Fe II	$3d^6(^3F1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
64	216.59	48	216.58614	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			216.59911	Fe I	$3d^7(^4F)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
65	216.674	978	216.671289	Fe II	$3d^7$	$3d^6(^1D2)4p$	[1]
			216.67732	Fe I	$3d^6 4s^2$	$3d^7(^4P)4p$	[2]
66	217.132	26	217.1207	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]
			217.12338	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			217.1297	Fe I	$3d^6 4s^2$	$3d^7(^4P)4p$	[2]
			217.13702	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
67	217.217	77	217.20423	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			217.21233	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			217.21423	Fe I	$3d^6 4s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			217.2225	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
68	217.421	23	217.41429	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			217.41618	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
69	217.807	534	217.80806	Fe I	$3d^6 4s^2$	$3d^7(^4P)4p$	[2]
			217.81185	Fe I	$3d^6 4s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
70	218.156	25	218.1474	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			218.15305	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			218.1652	Fe I	$3d^7(^4F)4s$	$3d^7(^2P)4p$	[2]
			218.1652	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
71	218.253	35	218.2434	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
			218.24889	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			218.26161	Fe II	$3d^7$	$3d^5(^6S)4s4p(^3P^o)$	[1]
72	218.397	86	218.38341	Fe II	$3d^6(^3F2)4s$	$3d^6(^1G2)4p$	[1]
			218.39797	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			218.39935	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
			218.4027	Fe II	$3d^5 4s^2$	$3d^5(^4D)4s4p(^3P^o)$	[1]
73	218.434	55	218.4374	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			218.44601	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
74	218.687	41	218.6767	Fe I	$3d^7(^4F)4s$	$3d^64s(^4D)5p$	[2]
			218.6767	Fe II	$3d^6(^3F1)4s$	$3d^5(^4P)4s4p(^3P^o)$	[1]
			218.68427	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
			218.68924	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
75	218.723	137	218.7119	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			218.7119	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)6d$	[1]
			218.71943	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			218.7299	Fe II	$3d^6(^1D2)4s$	$3d^6(^1F)4p$	[1]
			218.73423	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5d$	[1]
76	220.036	108	220.02821	Fe II	$3d^6(^3F2)4s$	$3d^6(^1G2)4p$	[1]
			220.03519	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			220.03898	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			220.04914	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
77	220.072	66	220.0577	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			220.07241	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			220.08516	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
78	220.615	67	220.608158	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			220.614762	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			220.6221	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
79	220.844	26	220.840556	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			220.85421	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
80	221.109	23	221.10007	Fe II	$3d^7$	$3d^6(^3G)4p$	[1]
			221.1095	Fe II	$3d^6(^3G)4s$	$3d^6(^3D)4p$	[1]
			221.11149	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			221.12353	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
81	222.121	41	222.116439	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			222.1317	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^1P^o)$	[2]
82	222.145	24	222.1317	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^1P^o)$	[2]
83	222.35	26	222.3374	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
			222.348571	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
84	223.121	46	223.1101	Fe I	$3d^7(^4F)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			223.1213	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
85	223.157	21	223.14201	Fe II	$3d^6(^3P2)4s$	$3d^6(^3G)4p$	[1]
			223.149255	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			223.1663	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
86	223.784	23	223.7817	Fe I	$3d^7(^4F)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			223.7817	Fe II	$3d^7$	$3d^6(^3F_2)4p$	[1]
			223.7827	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
			223.78981	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1D_2)4p$	[1]
87	224.181	73	224.18235	Fe II	$3d^7$	$3d^6(^3F_2)4p$	[1]
			224.187733	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
88	224.422	44	224.407646	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
			224.42072	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
89	224.482	18	224.48254	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			224.49163	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
90	224.555	22	224.549895	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			224.55806	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			224.56526	Fe I	$3d^64s^2$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
91	224.772	42	224.768366	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			224.77972	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			224.7812	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
92	224.916	29	224.905864	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			224.905864	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			224.91063	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]
			224.917788	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			224.919855	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			224.92854	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
93	224.976	23	224.96229	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
			224.9698	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
			224.97556	Fe II	$3d^6(^3F_2)4p$	$3d^54s(^7S)4d$	[1]
			224.98907	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
94	225.049	29	225.04092	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
			225.043752	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^54s(^7S)5s$	[1]
			225.0615	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
95	225.085	66	225.07902	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			225.08767	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			225.093517	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
96	225.181	62	225.1763	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^3D)4d$	[1]
			225.182273	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			225.18732	Fe I	$3d^64s^2$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
97	225.567	41	225.55773	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			225.563423	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			225.568707	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			225.57658	Fe II	$3d^7$	$3d^6(^3P2)4p$	[1]
98	225.856	31	225.8489	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			225.85653	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			225.8595	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)4d$	[1]
99	225.916	33	225.9138	Fe II	$3d^6(^1G1)4s$	$3d^6(^5D_4)4f$	[1]
			225.92255	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			225.92825	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
100	225.952	170	225.95101	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			225.95395	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			225.95802	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			225.96253	Fe II	$3d^6(^1G2)4s$	$3d^6(^1D2)4p$	[1]
101	226.013	30	226.00194	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^5(^6S)4p^2$	[1]
			226.007942	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			226.011333	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			226.0239	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			226.0239	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
102	226.037	45	226.0239	Fe II	$3d^54s^2$	$3d^5(^4D)4s4p(^3P^o)$	[1]
			226.0239	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			226.0323	Fe II	$3d^6(^3P1)4s$	$3d^6(^3F1)4p$	[1]
			226.0412	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			226.05173	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
103	226.229	23	226.22451	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			226.2329	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			226.24278	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
104	226.434	51	226.43199	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			226.43891	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
105	226.494	36	226.4808	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			226.50541	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
106	226.711	50	226.70845	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			226.7236	Fe II	$3d^6(^3P2)4p$	$3d^6(^3G)4d$	[1]
107	226.747	81	226.74694	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			226.75292	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			226.758567	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
108	226.892	69	226.88216	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			226.88673	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			226.89317	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
109	227.181	63	227.17828	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			227.18436	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
110	227.205	65	227.20694	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			227.21857	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			227.21857	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
111	227.278	24	227.281901	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
			227.28192	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
112	227.603	120	227.60257	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			227.607433	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
113	227.808	44	227.7958	Fe II	$3d^6(^3F1)4s$	$3d^6(^4G)4s4p(^3P^o)$	[1]
			227.80092	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5d$	[1]
			227.803	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
114	227.988	43	227.991462	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			227.9937	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
115	228.109	28	228.1029	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
			228.1198	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
116	228.253	96	228.244398	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			228.26607	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5d$	[1]
117	228.362	38	228.3484	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			228.3504	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
			228.3526	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			228.359235	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			228.36551	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			228.369937	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
118	228.41	124	228.399607	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			228.40855	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			228.42271	Fe II	$3d^7$	$3d^6(^3P2)4p$	[1]
119	228.723	86	228.71032	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			228.72495	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			228.7293	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			228.73309	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
120	228.868	24	228.8616	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			228.86255	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
121	228.904	32	228.89679	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			228.89681	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			228.90308	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			228.90544	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			228.91273	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			228.91681	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			228.9187	Fe II	$3d^6(^3P2)4p$	$3d^54s(^7S)4d$	[1]
122	229.109	29	229.11198	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			229.11198	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
123	229.253	145	229.2399	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			229.2421	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			229.25246	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			229.25982	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			229.26398	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
124	229.446	37	229.44079	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			229.45615	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			229.46099	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
125	229.579	26	229.5861	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			229.5885	Fe II	$3d^54s^2$	$3d^6(^5D_1)4f$	[1]
126	229.687	32	229.67658	Fe II	$3d^7$	$3d^6(^3P2)4p$	[1]
			229.68745	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			229.6879	Fe II	$3d^7$	$3d^6(^3F2)4p$	[3]
			229.689095	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
			229.69267	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
127	229.783	135	229.7787	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			229.78024	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
128	229.819	655	229.81688	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			229.82219	Fe II	$3d^7$	$3d^6(^3P2)4p$	[1]
129	229.928	42	229.91338	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			229.922	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			229.9314	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			229.94209	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
130	230.012	141	229.9975	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			230.01417	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			230.02513	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
131	230.06	31	230.04811	Fe II	$3d^6(^3P2)4s$	$3d^6(^3F2)4p$	[1]
			230.05238	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)6s$	[1]
			230.05976	Fe I	$3d^7(^4F)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			230.06248	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			230.06248	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			230.0654	Fe II	$3d^6(^3P1)4s$	$3d^5(^4D)4s4p(^3P^o)$	[1]
132	230.121	34	230.117375	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			230.11739	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			230.13242	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
133	230.181	52	230.16837	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			230.18985	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
134	230.699	41	230.68554	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			230.6996	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5d$	[1]
			230.707741	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
135	230.904	76	230.8931	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
			230.89988	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			230.90475	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			230.9093	Fe II	$3d^6(^3P1)4s$	$3d^5(^4D)4s4p(^3P^o)$	[1]
136	231.12	139	231.1068	Fe II	$3d^6(^3P2)4s$	$3d^6(^3F2)4p$	[1]
			231.12244	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)4d$	[1]
			231.12244	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			231.12891	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
			231.12891	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
137	231.169	24	231.1607	Fe II	$3d^6(^3G)4s$	$3d^5(^5S)4s4p(^3P^o)$	[1]
			231.1838	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
138	231.313	113	231.31039	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			231.32615	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
139	231.554	24	231.54808	Fe II	$3d^6(^3P2)4p$	$3d^6(^3H)4d$	[1]
			231.553529	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)4d$	[1]
			231.5616	Fe II	$3d^6(^3F2)4p$	$3d^54s(^7S)4d$	[1]
140	231.578	44	231.572926	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			231.57803	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)4d$	[1]
			231.58248	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			231.5858	Fe II	$3d^6(^3F2)4p$	$3d^54s(^7S)4d$	[1]
141	231.747	36	231.735121	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			231.738036	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
			231.738036	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)6s$	[1]
			231.7452	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			231.75956	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
142	232.036	177	232.03576	Fe I	$3d^6 4s^2$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			232.040465	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
143	232.506	31	232.50336	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			232.50336	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			232.5099	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)4d$	[1]
			232.51749	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
			232.5194	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)5s$	[1]
144	232.638	29	232.63607	Fe II	$3d^6(^3F_1)4s$	$3d^6(^3F_1)4p$	[1]
			232.64125	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
145	232.735	80	232.7239	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			232.739551	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			232.74891	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
146	232.988	97	232.9742	Fe I	$3d^6 4s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			232.9885	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			232.9885	Fe II	$3d^6(^3P_2)4p$	$3d^6(^5D)5d$	[1]
			232.999216	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
147	233.084	31	233.08255	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3G)5s$	[1]
			233.09046	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
148	233.277	371	233.26446	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3H)4d$	[1]
			233.279877	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			233.2905	Fe II	$3d^6(^3P_1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
149	233.807	225	233.79594	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			233.800624	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			233.81482	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			233.8204	Fe II	$3d^6(^3G)4s$	$3d^6(^1G_2)4p$	[1]
150	233.963	40	233.96452	Fe I	$3d^6(^5D)4s4p(^3P^o)$		[2]
			233.96594	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			233.97596	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
151	234.18	36	234.17756	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			234.18023	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			234.18375	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
152	234.397	84	234.3851	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3D)5s$	[1]
			234.396076	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			234.3999	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
153	234.433	190	234.428135	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			234.44653	Fe II	$3d^6(^3H)4p$	$3d^6(^3P_2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			234.44653	Fe II	$3d^6(^3H)4p$	$3d^6(^3P_2)4d$	[1]
154	234.457	40	234.44653	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			234.44653	Fe II	$3d^6(^3H)4p$	$3d^6(^3P_2)4d$	[1]
			234.460275	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			234.49541	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
155	234.505	42	234.498419	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			234.498419	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			234.50274	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s (^6D)5p$	[2]
			234.5037	Fe I	$3d^6(^5D)4s4p(^3P^o)$		[2]
			234.51785	Fe II	$3d^6(^3G)4s$	$3d^6(^1G_2)4p$	[1]
			234.51785	Fe II	$3d^6(^3G)4s$	$3d^6(^1G_2)4p$	[1]
156	234.529	52	234.533697	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
			234.53639	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			234.62691	Fe II	$3d^7$	$3d^6(^3D)4p$	[1]
157	234.638	29	234.62691	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			234.62943	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
			234.6307	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			234.635412	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			234.65112	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			234.65112	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
158	234.662	38	234.661657	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			234.668111	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)4d$	[1]
			234.926888	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
159	234.927	25	234.926888	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			234.9331	Fe II	$3d^6(^3F_2)4p$	$3d^54s(^7S)4d$	[1]
			234.94121	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			235.017736	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
160	235.023	41	235.024695	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			235.03531	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			235.22145	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
161	235.228	61	235.230893	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			235.23309	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			235.346962	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
162	235.361	75	235.360763	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			235.367834	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			235.367834	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			235.3745	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			235.3745	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
163	235.445	43	235.43733	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			235.44301	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			235.44301	Fe II	$3d^6(^3F_2)4p$	$3d^54s(^7S)4d$	[1]
			235.447758	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
164	235.493	44	235.488966	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			235.5055	Fe II	$3d^7$	$3d^6(^5D)5p$	[1]
165	235.517	57	235.5055	Fe II	$3d^7$	$3d^6(^5D)5p$	[1]
			235.51413	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)4d$	[1]
			235.521585	Fe II	$3d^7$	$3d^6(^3P_2)4p$	[1]
			235.521585	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
166	235.541	47	235.535013	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			235.54634	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
167	235.722	48	235.72686	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			235.7347	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
168	235.915	455	235.90258	Fe II	$3d^6(^3F_1)4s$	$3d^6(^3F_1)4p$	[1]
			235.90258	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			235.910691	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			235.913231	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
			235.915259	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
169	235.999	183	235.99052	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			235.99433	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			235.999939	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			236.005185	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
170	236.169	40	236.1562	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			236.172581	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
			236.17593	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
171	236.254	29	236.24834	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			236.25358	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			236.263	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
172	236.315	59	236.30956	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			236.31203	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			236.32962	Fe II	$3d^6(^3P_2)4p$	$3d^6(^5D)5d$	[1]
173	236.351	89	236.34658	Fe II	$3d^6(^3P_2)4p$	$3d^6(^5D)5d$	[1]
			236.350026	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			236.35894	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			236.36397	Fe II	$3d^6(^3H)4s$	$3d^6(^3F2)4p$	[1]
174	236.448	381	236.43501	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			236.4437	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			236.45882	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			236.45882	Fe II	$3d^6(^3H)4p$	$3d^6(^3P2)4d$	[1]
175	236.545	91	236.532026	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
			236.532041	Fe I			[2]
			236.53546	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			236.55149	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^{\circ})$	[2]
			236.55391	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
176	236.63	45	236.632	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			236.632	Fe II	$3d^6(^3H)4p$	$3d^6(^3P2)4d$	[1]
			236.64291	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
177	236.824	76	236.81359	Fe II	$3d^5(^6S)4s4p(^3P^{\circ})$	$3d^6(^3H)4d$	[1]
			236.82331	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			236.83809	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
178	236.958	129	236.94561	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^{\circ})$	[2]
			236.95004	Fe II	$3d^6(^3G)4p$	$3d^6(^3D)5s$	[1]
			236.9524	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			236.966245	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			236.972709	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
179	237.14	372	237.14303	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^{\circ})$	[2]
			237.14564	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
180	237.261	51	237.263283	Fe II	$3d^6(^1G2)4s$	$3d^6(^3D)4p$	[1]
			237.274	Fe II	$3d^6(^3G)4p$	$3d^6(^3D)5s$	[1]
181	237.346	435	237.3379	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			237.34359	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			237.35147	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			237.3608	Fe II	$3d^6(^3P1)4s$	$3d^5(^4G)4s4p(^3P^{\circ})$	[1]
182	237.431	71	237.420854	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			237.43452	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			237.439109	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
183	237.491	67	237.48461	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			237.48745	Fe II	$3d^6(^3F1)4s$	$3d^5(^4G)4s4p(^3P^{\circ})$	[1]
			237.499564	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			237.50423	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
184	237.613	131	237.6066	Fe II	$3d^6(^3F1)4s$	$3d^6(^3P1)4p$	[1]
			237.6066	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			237.6106	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			237.6158	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
185	237.782	31	237.77676	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			237.7814	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)4d$	[1]
			237.78652	Fe II	$3d^7$	$3d^6(^3P2)4p$	[1]
			237.78841	Fe II	$3d^6(^3G)4p$	$3d^6(^1I)5s$	[1]
			237.78842	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			237.79523	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5d$	[1]
186	237.904	98	237.89165	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			237.89691	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			237.90023	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			237.91429	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			237.91692	Fe II	$3d^6(^1S2)4s$	$3d^5(^6S)4s4p(^1P^o)$	[1]
187	238.001	41	238.00016	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			238.01521	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
188	238.049	170	238.0366	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)5s$	[1]
			238.0504	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
189	238.182	6919	238.1717	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			238.18361	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			238.19195	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			238.195806	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
190	238.304	82	238.289687	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
			238.29616	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			238.306019	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			238.31172	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			238.3144	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
191	238.34	29	238.3355	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			238.35132	Fe II	$3d^54s^2$	$3d^5(^4P)4s4p(^3P^o)$	[1]
			238.3538	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
192	238.376	52	238.36138	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			238.3744	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			238.3744	Fe II	$3d^6(^3H)4p$	$3d^54s(^7S)5s$	[1]
			238.37795	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)5s$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			238.39018	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
193	238.425	143	238.41006	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			238.43159	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			238.438768	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
194	238.716	33	238.70838	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)4d$	[1]
			238.71723	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			238.72818	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
195	238.849	456	238.83425	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			238.838782	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
			238.862863	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			238.862863	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
196	238.982	181	238.97993	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			238.98667	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
197	239.14	29	239.1306	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
			239.147824	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			239.15387	Fe II	$3d^6(^3P_2)4p$	$3d^6(^5D)5d$	[1]
198	239.2	35	239.19584	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			239.20889	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3H)4d$	[1]
			239.21206	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			239.214902	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
199	239.237	31	239.22382	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			239.2333	Fe II	$3d^6(^3F_2)4s$	$3d^5(^5S)4s4p(^3P^o)$	[1]
			239.24452	Fe II	$3d^6(^3H)4p$	$3d^6(^3P_2)4d$	[1]
200	239.333	29	239.32459	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			239.33412	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			239.33836	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
201	239.552	3420	239.541909	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			239.5495	Fe I	$3d^7(^4F)4s$	$3d^7(^2G)4p$	[2]
			239.54954	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
			239.55453	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			239.562504	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
202	239.915	532	239.90324	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			239.90811	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			239.90811	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)4d$	[1]
			239.915119	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			239.924102	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			239.926637	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
203	240.024	61	240.02781	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			240.034398	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
204	240.121	24	240.11434	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			240.129155	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.13249	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
205	240.266	55	240.2542	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)4d$	[1]
			240.25995	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			240.263255	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.270976	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
206	240.387	80	240.37627	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.38325	Fe II	$3d^6(^3G)4s$	$3d^6(^3D)4p$	[1]
			240.39444	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			240.39705	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
207	240.557	31	240.5439	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)4d$	[1]
			240.568263	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.57057	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
208	240.581	48	240.568263	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.57057	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
			240.57908	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			240.58307	Fe II	$3d^6(^1F)4s$	$3d^6(^1F)4p$	[1]
			240.5898	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.5898	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
209	240.653	471	240.63919	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
			240.6494	Fe II	$3d^6(^1G2)4p$	$3d^6(^5D)6d$	[1]
			240.666097	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
210	240.69	370	240.67547	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)4d$	[1]
			240.697542	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			240.699263	Fe II	$3d^6(^3D)4s$	$3d^6(^1G2)4p$	[1]
211	240.871	29	240.864822	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			240.877445	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
212	241.041	784	241.026963	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			241.03007	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			241.04119	Fe II	$3d^6(^3G)4s$	$3d^6(^3D)4p$	[1]
			241.051891	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			241.05425	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
213	241.101	263	241.08671	Fe II	$3d^6(^1G_2)4p$	$3d^6(^5D)6d$	[1]
			241.09833	Fe II	$3d^6(^3P_2)4p$	$3d^6(^5D)5d$	[1]
			241.106689	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
214	241.174	52	241.16795	Fe II	$3d^6(^3F_1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			241.180771	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			241.18764	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
215	241.392	64	241.3801	Fe II	$3d^6(^1G_2)4p$	$3d^6(^5D)6d$	[1]
			241.399345	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
216	241.428	42	241.4219	Fe II	$3d^6(^3F_1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			241.4219	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
217	241.452	28	241.4515	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			241.45838	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
218	241.525	33	241.51943	Fe II	$3d^6(^3P_1)4s$	$3d^6(^5D)5p$	[1]
			241.52844	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			241.536098	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
219	241.61	37	241.59668	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			241.608005	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)4d$	[1]
			241.61922	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
220	241.634	55	241.61922	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			241.644523	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
221	241.779	92	241.7644	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			241.782045	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			241.787036	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
222	241.84	43	241.8315	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			241.843659	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
223	242.009	171	241.998813	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			242.02298	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
224	242.263	78	242.25915	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
			242.26506	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
			242.268803	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
225	242.311	43	242.3105	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			242.321004	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
226	242.408	264	242.414529	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			242.42035	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)4d$	[1]
227	242.457	49	242.44409	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
			242.4491	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			242.459265	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			242.46509	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
228	242.565	48	242.563758	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			242.568545	Fe II	$3d^6(^3P2)4s$	$3d^6(^3F2)4p$	[1]
229	242.638	22	242.6315	Fe I	$3d^7(^4F)4s$	$3d^7(^2D2)4p$	[2]
			242.644	Fe II	$3d^6(^3G)4s$	$3d^6(^3D)4p$	[1]
230	242.723	28	242.71249	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			242.719946	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			242.72297	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			242.728208	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
231	242.807	108	242.7977	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			242.80766	Fe II	$3d^7$	$3d^6(^3H)4p$	[1]
232	242.832	211	242.82918	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			242.836349	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			242.84564	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
233	243.001	157	242.986086	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			243.007802	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
234	243.098	32	243.08385	Fe II	$3d^6(^1G1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			243.08823	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.09977	Fe II	$3d^6(^3P1)4s$	$3d^6(^3P1)4p$	[1]
			243.10246	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^1P^o)$	[2]
235	243.291	68	243.279	Fe II	$3d^7$	$3d^6(^1G2)4p$	[1]
			243.287288	Fe II	$3d^6(^1)4s$	$3d^6(^1)4p$	[1]
			243.3041	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
236	243.485	164	243.472903	Fe II	$3d^6(^1)4s$	$3d^6(^1)4p$	[1]
			243.48171	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.48769	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)5s$	[1]
			243.49018	Fe II	$3d^6(^1)4s$	$3d^6(^1)4p$	[1]
			243.495154	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			243.499838	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.499838	Fe II	$3d^6(^3P2)4s$	$3d^6(^3F2)4p$	[1]
237	243.666	45	243.65661	Fe II	$3d^6(^1D2)4s$	$3d^6(^1D2)4p$	[1]
			243.662163	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.67319	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
238	243.714	34	243.699621	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.699621	Fe II	$3d^6(^1G1)4s$	$3d^6(^1G1)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			243.7104	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.71623	Fe II	$3d^6(^3G)4s$	$3d^6(^3F2)4p$	[1]
			243.720356	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			243.7272	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
239	243.932	329	243.91704	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			243.930114	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			243.93556	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			243.9453	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			243.9453	Fe II	$3d^54s^2$	$3d^6(^4D)4s4p(^3P^o)$	[1]
240	243.98	205	243.97448	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			243.98682	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
241	244.041	68	244.03317	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			244.042397	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			244.044328	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
242	244.258	136	244.25683	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			244.25877	Fe II	$3d^6(^3F1)4s$	$3d^6(^5D)5p$	[1]
			244.2644	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			244.26979	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
243	244.391	169	244.3834	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			244.38716	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			244.39244	Fe II	$3d^6(^3F1)4s$	$3d^6(^3P1)5p$	[1]
244	244.452	279	244.451511	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
			244.45465	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
245	244.512	64	244.510618	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			244.511363	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
			244.52128	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
246	244.621	98	244.611024	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			244.62202	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			244.632128	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
247	244.645	61	244.632128	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			244.640772	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			244.6453	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
			244.647114	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			244.6542	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)7s$	[1]
248	244.729	50	244.72039	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			244.732682	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			244.741	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
249	244.778	108	244.769	Fe II	$3d^6(^3G)4p$	$3d^6(^6S)4p^2$	[1]
			244.77093	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			244.775491	Fe II	$3d^6(^1I)4s$	$3d^6(^1I)4p$	[1]
250	245.007	48	244.996527	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			245.003185	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			245.01384	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			245.020514	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
251	245.044	120	245.04434	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			245.05288	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
			245.05288	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
252	245.225	26	245.213896	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			245.21676	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			245.21997	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			245.2256	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
			245.2338	Fe I	$3d^7(^4F)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
253	245.273	27	245.25918	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			245.27442	Fe II	$3d^6(^3F_1)4s$	$3d^6(^5D)5p$	[1]
			245.2757	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
			245.28483	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
254	245.358	104	245.34758	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			245.35688	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
255	245.466	36	245.4561	Fe II	$3d^6(^3D)4p$	$3d^6(^6S)4p^2$	[1]
			245.457782	Fe II	$3d^6(^1I)4s$	$3d^6(^1I)4p$	[1]
			245.45871	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
256	245.72	62	245.710162	Fe II	$3d^6(^3P_1)4s$	$3d^6(^5D)5p$	[1]
			245.7187	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			245.7231	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)4d$	[1]
			245.733958	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
257	245.768	1460	245.75505	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			245.757918	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			245.7589	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
			245.75966	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			245.7791	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
258	245.889	252	245.878354	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			245.897276	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			245.897276	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
259	246.01	42	246.00197	Fe II	$3d^6(^3F1)4s$	$3d^6(^5D)5p$	[1]
			246.0075	Fe I	$3d^7(^4F)4s$	$3d^7(^2H)4p$	[2]
			246.01543	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
260	246.046	100	246.044008	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			246.04798	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
			246.04955	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			246.05116	Fe II	$3d^6(^3G)4p$	$3d^6(^1I)5s$	[1]
261	246.227	243	246.21808	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			246.231828	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
262	246.276	5382	246.26471	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			246.27474	Fe II	$3d^6(^3F1)4s$	$3d^6(^5D)5p$	[1]
263	246.336	83	246.326	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)7s$	[1]
			246.328118	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			246.33965	Fe I	$3d^7(^4P)4s$	$3d^64s(^4D)5p$	[2]
			246.34923	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
264	246.384	64	246.3717	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			246.37303	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			246.39027	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
265	246.408	92	246.400952	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			246.42213	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]
266	246.517	911	246.51491	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			246.519994	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
267	246.602	91	246.587712	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			246.591333	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
268	246.686	223	246.676678	Fe II	$3d^6(^1D2)4s$	$3d^6(^1D2)4p$	[1]
			246.681913	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			246.6897	Fe I	$3d^7(^4F)4s$	$3d^7(^2G)4p$	[2]
			246.69849	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
269	246.783	83	246.77334	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			246.7743	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
270	246.819	46	246.81926	Fe II	$3d^6(^1G2)4s$	$3d^6(^1I)4p$	[1]
			246.82567	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
			246.829592	Fe I			[2]
			246.829592	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
271	246.891	693	246.88797	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			246.9008	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			246.9024	Fe II	$3d^54s^2$	$3d^5(^4D)4s4p(^3P^\circ)$	[1]
272	246.964	84	246.951439	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			246.96677	Fe I	$3d^64s^2$	$3d^6(^3P_2)4s4p(^3P^\circ)$	[2]
			246.97152	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			246.9789	Fe II	$3d^6(^1G_2)4p$	$3d^6(^5D)7s$	[1]
273	247.036	160	247.040878	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			247.0495	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			247.0495	Fe II	$3d^6(^1G_2)4p$	$3d^6(^5D)6d$	[1]
274	247.072	172	247.066913	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			247.07649	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
			247.08462	Fe II	$3d^6(^3H)4s$	$3d^5(^6S)4s4p(^3P^\circ)$	[1]
275	247.241	952	247.2332	Fe I	$3d^7(^4F)4s$	$3d^5(^6S)4s^24p$	[2]
			247.2341	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^\circ)$	[2]
			247.2341	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			247.242806	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			247.25325	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
276	247.302	7115	247.28711	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			247.28947	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			247.303086	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			247.31566	Fe I	$3d^64s^2$	$3d^5(^6S)4s^24p$	[2]
277	247.495	564	247.48142	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			247.4943	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			247.5068	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
278	247.567	48	247.554125	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			247.57619	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			247.5779	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
279	247.652	56	247.63929	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			247.64717	Fe I	$3d^6(^5D)4s4p(^3P^\circ)$	$3d^64s(^6D_{5/2})6d$	[2]
			247.66565	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
280	247.676	76	247.66565	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			247.66822	Fe II	$3d^6(^5D)4d$	$3d^6(^3F_3)4f$	[1]
			247.68654	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
281	247.833	46	247.82107	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3F_2)4p$	[1]
			247.82109	Fe I	$3d^64s^2$	$3d^7(^4F_{3/2})4f$	[2]
			247.84503	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
282	247.989	5202	247.97762	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			247.98518	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
283	248.11	37	248.095138	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			248.10493	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			248.1146	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)5s$	[1]
			248.1146	Fe II	$3d^6(^5D)4d$	$3d^6(^3H_5)4f$	[1]
			248.1203	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			248.1203	Fe II	$3d^6(^3P2)4s$	$3d^6(^3G)4p$	[1]
284	248.219	123	248.211698	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			248.22193	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			248.23258	Fe II	$3d^6(^1D2)4s$	$3d^6(^1D2)4p$	[1]
285	248.339	59679	248.32707	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			248.337123	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			248.35332	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
286	248.424	3054	248.41875	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			248.4207	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			248.424431	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
287	248.532	35	248.52367	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			248.5316	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)7s$	[1]
			248.5443	Fe I	$3d^6 4s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
288	248.713	201	248.70658	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			248.71068	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			248.7243	Fe I	$3d^7(^4P)4s$	$3d^6 4s(^6D_{1/2})4f$	[2]
289	248.749	148	248.73697	Fe I	$3d^6 4s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			248.74148	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D_{7/2})6d$	[2]
			248.7534	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
290	248.822	35364	248.81423	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			248.81601	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			248.83212	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
			248.8354	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
291	248.906	101	248.89443	Fe I	$3d^6 4s^2$	$3d^6(^3F2)4s4p(^1P^o)$	[2]
			248.90746	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D_{5/2})6d$	[2]
			248.90746	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D_{3/2})6d$	[2]
			248.91103	Fe II	$3d^6(^3P2)4s$	$3d^6(^6S)4s4p(^3P^o)$	[1]
			248.9179	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			248.9179	Fe II	$3d^6(^5D)4d$	$3d^6(^3H_6)4f$	[1]
292	248.991	4194	248.982955	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			248.99131	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
293	249.075	25159	249.06442	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			249.0706	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1I)4p$	[4]
			249.07082	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			249.0728	Fe II	$3d^6(^5D)4d$	$3d^6(^3H_6)4f$	[1]
			249.08299	Fe I	$3d^7(^4F)4s$	$3d^5(^6S)4s^24p$	[2]
			249.083	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			249.085813	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
294	249.123	10916	249.11548	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			249.12047	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
			249.12342	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			249.1309	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
295	249.232	69	249.22307	Fe I	$3d^6(^5D)4s4p(^3P^\circ)$	$3d^64s(^6D_{7/2})6d$	[2]
			249.234388	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			249.2455	Fe I	$3d^6(^5D)4s4p(^3P^\circ)$	$3d^64s(^6D_{1/2})6d$	[2]
296	249.328	1466	249.318431	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			249.322359	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			249.326342	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			249.32958	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			249.3379	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3G)5s$	[1]
297	249.401	71	249.387659	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			249.40008	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			249.40008	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^\circ)$	[2]
			249.4116	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
298	249.437	79	249.42513	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^\circ)$	[2]
			249.4304	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			249.45098	Fe I	$3d^7(^4F)4s$	$3d^7(^2G)4p$	[2]
299	249.593	109	249.586823	Fe II	$3d^6(^3F_1)4s$	$3d^6(^3F_1)4p$	[1]
			249.5872	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^\circ)$	[2]
300	249.666	713	249.65337	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^\circ)$	[2]
			249.6659	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			249.6802	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
301	249.798	87	249.78528	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
			249.7999	Fe II	$3d^6(^3G)4p$	$3d^54s(^7S)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			249.808194	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			249.8122	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D_{1/2})4f$	[2]
302	249.835	50	249.82054	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			249.83416	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
			249.83603	Fe II	$3d^6(^3H)4s$	$3d^6(^3P2)4p$	[1]
303	249.895	365	249.88182	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			249.88737	Fe I	$3d^64s^2$	$3d^5(^6S)4s^24p$	[2]
			249.889721	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			249.896787	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			249.90563	Fe II	$3d^6(^3D)4s$	$3d^6(^1S2)4p$	[1]
304	250.124	5000	250.11318	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			250.1241	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			250.12994	Fe II	$3d^54s^2$	$3d^6(^5D_3)5f$	[1]
			250.13504	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
305	250.208	70	250.1951	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			250.2015	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			250.20439	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			250.2225	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
306	250.256	128	250.24905	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^1P^o)$	[2]
			250.2511	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)6s$	[1]
307	250.341	78	250.332617	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
			250.34089	Fe II	$3d^6(^3F2)4p$	$3d^6(^3H)4d$	[1]
			250.34911	Fe II	$3d^6(^1G2)4p$	$3d^6(^5D)7s$	[1]
			250.34915	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^1P^o)$	[2]
			250.35386	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			250.3555	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
308	250.401	112	250.387419	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			250.40619	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5d$	[1]
			250.4102	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^1P^o)$	[2]
309	250.449	79	250.4541	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D_{3/2})4f$	[2]
			250.4542	Fe II	$3d^54s^2$	$3d^5(^4P)4s4p(^3P^o)$	[1]
			250.4627	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
310	250.558	74	250.54435	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
			250.54824	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			250.56322	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
311	250.618	95	250.609325	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			250.6329	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
312	250.69	47	250.67649	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			250.679656	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
			250.679656	Fe II	$3d^6(^3F2)4s$	$3d^6(^3P2)4p$	[1]
			250.6987	Fe II	$3d^6(^3D)4s$	$3d^6(^1S2)4p$	[1]
			250.70221	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
313	250.714	32	250.70221	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
314	250.847	58	250.8341	Fe II	$3d^6(^3F1)4s$	$3d^6(^5D)5p$	[1]
			250.8494	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
315	250.895	64	250.8814	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)5d$	[1]
			250.8942	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
			250.89442	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)6s$	[1]
			250.8945	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
316	250.943	32	250.937	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			250.9391	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^1P^o)$	[2]
			250.94838	Fe II	$3d^6(^3P1)4s$	$3d^5(^4P)4s4p(^3P^o)$	[1]
317	251.184	382	251.175999	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			251.19261	Fe II	$3d^6(^3P1)4s$	$3d^6(^3F1)4p$	[1]
318	251.244	725	251.23423	Fe II	$3d^6(^3H)4p$	$3d^6(^3F2)4d$	[1]
			251.23647	Fe I	$3d^64s^2$	$3d^5(^6S)4s^24p$	[2]
			251.237315	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			251.252212	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
319	251.353	53	251.34019	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			251.3472	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
			251.34997	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
320	251.449	119	251.438297	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			251.44071	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			251.45189	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
321	251.594	27	251.58536	Fe I	$3d^7(^4F)4s$	$3d^7(^2P)4p$	[2]
			251.59055	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)4d$	[1]
			251.59335	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			251.6057	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
			251.6057	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)5s$	[1]
322	251.666	43	251.65412	Fe II	$3d^6(^1G1)4s$	$3d^5(^4D)4s4p(^3P^o)$	[1]
			251.65707	Fe I	$3d^7(^4F)4s$	$3d^7(^2G)4p$	[2]
323	251.726	103	251.7127	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			251.713092	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
			251.72203	Fe I	$3d^7(^4F)4s$	$3d^7(^2D_2)4p$	[2]
			251.72203	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
			251.72203	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			251.73332	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
324	251.774	305	251.76609	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^{\circ})$	[2]
			251.7748	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)6s$	[1]
			251.7798	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D_{3/2})4f$	[2]
325	251.919	131	251.90469	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			251.90731	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
326	251.979	143	251.9848	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D_{9/2})6d$	[2]
			251.98485	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3H)4d$	[1]
327	252.124	99	252.109143	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			252.1159	Fe I	$3d^7(^4F)4s$	$3d^7(^2D_2)4p$	[2]
			252.12163	Fe II	$3d^6(^3F_1)4s$	$3d^6(^3F_1)4p$	[1]
			252.13318	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)4d$	[1]
328	252.196	87	252.181511	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1G_2)4p$	[1]
			252.19188	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
329	252.292	30197	252.28493	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^{\circ})$	[2]
			252.289161	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1G_2)4p$	[1]
330	252.437	1368	252.42923	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^{\circ})$	[2]
			252.4394	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D_{7/2})6d$	[2]
331	252.521	152	252.51099	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1G_2)4p$	[1]
			252.5111	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
			252.53281	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
332	252.545	565	252.53281	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			252.538758	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			252.54782	Fe II	$3d^6(^3F_1)4s$	$3d^6(^3F_1)4p$	[1]
333	252.641	1811	252.629363	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
			252.6529	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3G)5s$	[1]
334	252.75	11984	252.74348	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^{\circ})$	[2]
			252.745493	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1G_2)4p$	[1]
335	252.93	3158	252.922808	Fe II	$3d^6(^3H)4s$	$3d^6(^3G)4p$	[1]
			252.93075	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^1P^{\circ})$	[2]
			252.9414	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)5d$	[1]
336	252.966	1316	252.954515	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			252.955919	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
337	252.99	556	252.98352	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			252.99308	Fe II	$3d^6(^1G2)4s$	$3d^6(^1G2)4p$	[1]
338	253.075	249	253.06915	Fe I	$3d^64s^2$	$3d^6(^6S)4s^24p$	[2]
			253.0806	Fe II	$3d^6(^5D)4d$	$3d^6(^3P2)4f$	[1]
			253.0877	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^3G)4d$	[1]
339	253.195	31	253.187088	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)4d$	[1]
			253.205	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
340	253.376	510	253.362708	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.3804	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^1P^o)$	[2]
341	253.448	214	253.43552	Fe II	$3d^6(^3F2)4s$	$3d^6(^3H)4p$	[1]
			253.441837	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.450335	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
342	253.508	50	253.5036	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^3G)4d$	[1]
			253.5128	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
343	253.688	693	253.6801	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			253.680452	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.684496	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.69718	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			253.699	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
344	253.724	991	253.71036	Fe II	$3d^6(^3G)4s$	$3d^6(^3F2)4p$	[1]
			253.713	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			253.713775	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			253.71745	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			253.737	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
345	253.833	53	253.820421	Fe II	$3d^6(^1)4s$	$3d^6(^1G2)4p$	[1]
			253.820421	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.8397	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
			253.8398	Fe II	$3d^6(^3F2)4s$	$3d^6(^3H)4p$	[1]
346	253.905	939	253.89092	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.899324	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			253.9103	Fe II	$3d^54s^2$	$3d^6(^3P2)4p$	[1]
347	254.109	3885	254.0972	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			254.110071	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
348	254.218	706	254.21011	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			254.23084	Fe II	$3d^6(^3F2)4p$	$3d^6(^3G)5s$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			254.2314	Fe I	$3d^6 4s^2$	$3d^6 4s(^4D)5p$	[2]
			254.2316	Fe II	$3d^7$	$3d^6(^5D)4p$	[5]
349	254.278	47	254.273581	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
			254.27359	Fe I	$3d^6 4s^2$	$3d^7(^4F_{9/2})4f$	[2]
350	254.35	204	254.33778	Fe I	$3d^6 4s^2$	$3d^6 4s(^4D)5p$	[2]
			254.337788	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			254.3378	Fe I	$3d^6 4s^2$	$3d^7(^4F_{3/2})4f$	[2]
			254.343123	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			254.35792	Fe II	$3d^6(^3G)4p$	$3d^6(^3P2)4d$	[1]
351	254.398	468	254.3896	Fe I	$3d^6 4s^2$	$3d^6(^3F2)4s4p(^1P^{\circ})$	[2]
			254.39224	Fe I	$3d^6 4s^2$	$3d^6(^3H)4s4p(^1P^{\circ})$	[2]
352	254.482	319	254.470616	Fe I			[6]
			254.4886	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
353	254.53	124	254.521954	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			254.53191	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)4d$	[1]
			254.54416	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
354	254.603	4171	254.59783	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^{\circ})$	[2]
			254.61746	Fe I	$3d^7(^4P)4s$	$3d^6 4s(^6D)6p$	[2]
			254.61746	Fe I	$3d^6 4s^2$	$3d^6(^3D)4s4p(^3P^{\circ})$	[2]
355	254.687	175	254.6758	Fe II	$3d^6(^1G2)4p$	$3d^6(^5D)7s$	[1]
			254.67979	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
			254.68674	Fe I	$3d^6 4s^2$	$3d^6(^3G)4s4p(^1P^{\circ})$	[2]
			254.6948	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
356	254.819	28	254.80802	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$		[2]
			254.81	Fe I	$3d^7(^4P)4s$	$3d^6(^1G2)4s4p(^3P^{\circ})$	[2]
			254.81568	Fe II	$3d^6(^3F2)4s$	$3d^5(^6S)4s4p(^3P^{\circ})$	[1]
			254.832493	Fe II	$3d^6(^3P2)4s$	$3d^6(^3H)4p$	[1]
357	254.879	177	254.874389	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
			254.8883	Fe I	$3d^6 4s^2$	$3d^6(^3F2)4s4p(^1P^{\circ})$	[2]
			254.892229	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
			254.892229	Fe II	$3d^6(^1)4s$	$3d^6(^1G2)4p$	[1]
358	254.915	135	254.908301	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			254.9169	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)4d$	[1]
			254.921	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)4d$	[1]
			254.9226	Fe I	$3d^7(^4P)4s$	$3d^6 4s(^6D_{9/2})4f$	[2]
359	254.975	5591	254.96132	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^{\circ})$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			254.96587	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			254.97722	Fe II	$3d^6(^3F2)4s$	$3d^6(^3G)4p$	[1]
			254.98745	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
360	255.12	134	255.10932	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^1P^{\circ})$	[2]
			255.120417	Fe II	$3d^6(^1G2)4s$	$3d^6(^3D)4p$	[1]
			255.120417	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			255.12229	Fe II	$3d^6(^1G1)4s$	$3d^6(^1G1)4p$	[1]
			255.12853	Fe II	$3d^6(^1G2)4s$	$3d^6(^3D)4p$	[1]
361	255.276	98	255.27682	Fe I	$3d^7(^4P)4s$	$3d^64s(^6D)6p$	[2]
			255.28305	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
362	255.516	30	255.506716	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			255.5145	Fe II	$3d^6(^1I)4p$	$3d^6(^5D)7s$	[1]
363	255.697	77	255.68627	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^{\circ})$	[2]
			255.7082	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
364	255.793	85	255.7829	Fe I	$3d^64s^2$	$3d^7(^4F_{9/2})4f$	[2]
			255.79785	Fe I	$3d^64s^2$	$3d^7(^4F_{9/2})4f$	[2]
365	255.853	27	255.8522	Fe I	$3d^64s^2$	$3d^7(^4F_{3/2})4f$	[2]
			255.8579	Fe I	$3d^64s^2$	$3d^7(^4F_{3/2})4f$	[2]
366	256.033	128	256.028216	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
			256.0373	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
			256.0402	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			256.0455	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
367	256.262	1654	256.253531	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			256.26222	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
368	256.358	531	256.347523	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			256.3604	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
369	256.634	32	256.62196	Fe II	$3d^6(^1F)4s$	$3d^6(^1F)4p$	[1]
			256.64014	Fe II	$3d^6(^1F)4s$	$3d^6(^1F)4p$	[1]
370	256.694	104	256.691235	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			256.7037	Fe II	$3d^6(^3F2)4s$	$3d^6(^5S)4s4p(^3P^{\circ})$	[1]
371	256.85	53	256.8362	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
			256.8407	Fe I	$3d^64s^2$	$3d^7(^4F_{9/2})4f$	[2]
			256.840969	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
372	256.911	38	256.89842	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)5d$	[1]
			256.9029	Fe I	$3d^64s^2$	$3d^7(^4F_{3/2})4f$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			256.9029	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
			256.9089	Fe I	$3d^64s^2$	$3d^7(^4F_{9/2})4f$	[2]
373	256.983	30	256.97434	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			256.97798	Fe II	$3d^6(^1S_2)4s$	$3d^6(^1S_2)4p$	[1]
			256.99519	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
374	257.091	88	257.084897	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			257.08794	Fe II	$3d^6(^1G_2)4s$	$3d^6(^3D)4p$	[1]
375	257.307	29	257.296764	Fe II	$3d^54s^2$	$3d^5(^6S)4s4p(^3P^o)$	[1]
			257.3081	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
			257.31216	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^54p^2$	[1]
			257.31826	Fe II	$3d^6(^1G_2)4s$	$3d^6(^3D)4p$	[1]
			257.321162	Fe II	$3d^6(^3G)4s$	$3d^6(^3F_2)4p$	[1]
376	257.439	492	257.4307	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			257.436586	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
			257.4467	Fe II	$3d^6(^3D)4s$	$3d^6(^3G)4p$	[1]
377	257.679	491	257.669	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			257.686372	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1G_2)4p$	[1]
			257.68741	Fe II	$3d^6(^3G)4p$	$3d^6(^3P_2)4d$	[1]
378	257.799	213	257.792162	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			257.80032	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			257.80246	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
379	257.931	34	257.927	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			257.9272	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			257.94121	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
			257.94121	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3G)4p$	[1]
380	257.991	62	257.98436	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			257.98438	Fe I	$3d^7(^2G)4s$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
			258.0011	Fe II	$3d^54s^2$	$3d^6(^3F_2)4p$	[1]
381	258.083	207	258.0721	Fe II	$3d^6(^1G_2)4s$	$3d^6(^3D)4p$	[1]
			258.09507	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
382	258.457	2008	258.45359	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			258.4715	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]
383	258.59	558	258.57607	Fe II	$3d^6(^3H)4s$	$3d^6(^3F_2)4p$	[1]
			258.58756	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
384	258.807	111	258.794906	Fe II	$3d^6(^1G_2)4s$	$3d^6(^1G_2)4p$	[1]
			258.79952	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			258.81915	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
385	258.843	21	258.8303	Fe I	$3d^64s^2$	$3d^7(^4F_{7/2})4f$	[2]
			258.8417	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			258.848	Fe I	$3d^64s^2$	$3d^7(^4F_{7/2})4f$	[2]
			258.848	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
386	258.879	76	258.87162	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			258.87963	Fe II	$3d^6(^3H)4p$	$3d^6(^3F_2)5s$	[1]
			258.87963	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3G)4p$	[1]
			258.8891	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^{\circ})$	[2]
387	259.012	53	259.0169	Fe II	$3d^6(^1D_2)4p$	$3d^54s(^5S)4d$	[1]
			259.02384	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3F_2)5s$	[1]
388	259.205	26	259.2149	Fe II	$3d^54s^2$	$3d^5(^4D)4s4p(^3P^{\circ})$	[1]
			259.2149	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
389	259.373	48	259.3642	Fe II	$3d^6(^1S_2)4p$	$3d^6(^5D)6d$	[1]
			259.370776	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			259.372778	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
390	259.41	191	259.40361	Fe I	$3d^7(^2G)4s$	$3d^6(^3F_2)4s4p(^1P^{\circ})$	[2]
			259.41508	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^{\circ})$	[2]
391	259.566	26	259.5555	Fe II	$3d^6(^3F_2)4p$	$3d^6(^5D)6s$	[1]
			259.5726	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)6d$	[1]
392	259.699	27	259.69021	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			259.7097	Fe II	$3d^6(^3P_1)4s$	$3d^6(^3F_1)4p$	[1]
393	259.94	3838	259.939515	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			259.947056	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3G)4p$	[1]
394	260.061	32	260.0482	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			260.0643	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
395	260.145	26	260.13511	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
			260.15426	Fe II	$3d^6(^3H)4p$	$3d^6(^3G)5s$	[1]
			260.1591	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)5s$	[1]
396	260.386	34	260.3834	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3P_2)4p$	[1]
			260.3834	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
397	260.459	28	260.4567	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			260.4669	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3G)4p$	[1]
398	260.567	68	260.56571	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^{\circ})$	[2]
			260.57418	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)4d$	[1]
399	260.917	36	260.90373	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			260.912549	Fe II	$3d^7$	$3d^6(^3G)4p$	[1]
			260.92208	Fe I	$3d^7(^2G)4s$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
400	261.013	28	260.99865	Fe II	$3d^6(^5D)4d$	$3d^6(^3H_6)4f$	[1]
			261.000599	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			261.0085	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3P_2)4p$	[1]
401	261.387	200	261.382402	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			261.3993	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
402	261.483	43	261.478	Fe I	$3d^7(^4F)4s$	$3d^7(^2D_2)4p$	[2]
			261.48711	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
			261.4912	Fe II	$3d^6(^3G)4s$	$3d^6(^3F_2)4p$	[1]
			261.4944	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
403	261.568	26	261.5748	Fe II	$3d^6(^3D)4s$	$3d^6(^3G)4p$	[1]
			261.5826	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
404	261.773	152	261.761713	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			261.761713	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			261.7723	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
405	262.363	377	262.35337	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			262.37008	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			262.37251	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
406	262.52	52	262.5067	Fe II	$3d^54s^2$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			262.51854	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
407	262.834	149	262.81975	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			262.829279	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			262.8418	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
408	262.966	47	262.95705	Fe II	$3d^54s^2$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			262.958817	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
409	263.111	479	263.101002	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
			263.104679	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
410	263.135	434	263.132292	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			263.1437	Fe II	$3d^54s^2$	$3d^6(^3P_1)4p$	[1]
411	263.328	54	263.32028	Fe II	$3d^6(^1D_2)4s$	$3d^6(^1S_2)4p$	[1]
			263.3324	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
412	263.581	186	263.57211	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			263.58087	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
413	263.725	39	263.7115	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			263.7174	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			263.7306	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			263.7378	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
414	264.111	37	264.10292	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			264.11242	Fe II	$3d^6(^3P2)4s$	$3d^6(^3P2)4p$	[1]
415	264.171	42	264.16436	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			264.164374	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
			264.1789	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
416	264.4	129	264.39984	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			264.40981	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
417	264.485	67	264.4792	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			264.49905	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
418	264.521	25	264.50819	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			264.50819	Fe II	$3d^7$	$3d^6(^3G)4p$	[1]
			264.51983	Fe II	$3d^6(^3P1)4s$	$3d^6(^3P1)4p$	[1]
			264.53338	Fe II	$3d^6(^3F1)4s$	$3d^6(^3P1)4p$	[1]
419	264.641	23	264.6322	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F1)4p$	[1]
			264.63672	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			264.6393	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			264.6485	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
			264.6511	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
420	264.726	183	264.7212	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^3F2)4d$	[1]
			264.72451	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			264.7395	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			264.7395	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)5s$	[1]
421	265.003	28	264.99119	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			264.9973	Fe II	$3d^6(^1G1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			265.00192	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
422	265.304	36	265.3051	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			265.3138	Fe I	$3d^64s^2$	$3d^6(^1I)4s4p(^3P^o)$	[2]
423	265.448	138	265.433	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			265.4402	Fe II	$3d^6(^1I)4p$	$3d^6(^1I)5s$	[1]
			265.46285	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
424	265.593	26	265.6001	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^3F2)5s$	[1]
			265.6039	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)5d$	[1]
			265.6039	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
425	266.436	52	266.42591	Fe II	$3d^6(^3F1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			266.4448	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
426	266.473	92	266.466347	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			266.4783	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
427	266.689	259	266.67509	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)5s$	[1]
			266.68123	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			266.69122	Fe II	$3d^6(^3P2)4s$	$3d^6(^3F2)4p$	[1]
			266.69648	Fe I	$3d^7(^4F)4s$	$3d^7(^2G)4p$	[2]
428	267.111	21	267.1033	Fe II	$3d^6(^3P1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			267.1074	Fe II	$3d^6(^1G2)4p$	$3d^6(^3G)4d$	[1]
			267.1171	Fe II	$3d^6(^3F1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
429	267.906	528	267.9024	Fe I	$3d^64s^2$	$3d^6(^1I)4s4p(^3P^o)$	[2]
			267.90616	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			267.9163	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
			267.921	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
430	268.159	28	268.14607	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			268.15856	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
431	268.195	34	268.1887	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
			268.2039	Fe II	$3d^54s^2$	$3d^5(^4D)4s4p(^3P^o)$	[1]
			268.2039	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
432	268.219	28	268.22108	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			268.2267	Fe II	$3d^6(^1S2)4s$	$3d^6(^3D)4p$	[1]
433	268.496	86	268.48558	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			268.496	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
434	268.628	36	268.621698	Fe II	$3d^6(^1I)4p$	$3d^6(^1I)5s$	[1]
			268.63876	Fe II	$3d^6(^3F2)4s$	$3d^6(^3P2)4p$	[1]
435	268.93	407	268.92121	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			268.9342	Fe II	$3d^54s^2$	$3d^6(^3F2)5p$	[1]
			268.94136	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
436	269.267	67	269.2601	Fe I	$3d^64s^2$	$3d^64s(^6D_{9/2})4f$	[2]
			269.260157	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			269.26501	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			269.281	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
437	269.556	33	269.55309	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			269.55882	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			269.56512	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
438	269.604	58	269.59894	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			269.6123	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
			269.61232	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{3/2})6d$	[2]
439	269.628	67	269.62809	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			269.6385	Fe II	$3d^6(^1G2)4p$	$3d^6(^3G)4d$	[1]
			269.6426	Fe II	$3d^6(^3G)4p$	$3d^6(^3P2)4d$	[1]
440	269.917	92	269.91065	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			269.9185	Fe II	$3d^6(^3P1)4s$	$3d^6(^3P1)4p$	[5]
441	269.953	35	269.938	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)4d$	[1]
			269.96228	Fe II	$3d^6(^1I)4p$	$3d^6(^3G)4d$	[1]
442	270.278	39	270.2637	Fe I	$3d^64s^2$	$3d^64s(^6D_{3/2})4f$	[2]
			270.2768	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			270.29151	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{3/2})6d$	[2]
443	270.398	64	270.398879	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			270.4099	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
444	270.471	50	270.45771	Fe II	$3d^6(^3G)4s$	$3d^6(^3F2)4p$	[1]
			270.45773	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			270.46149	Fe I	$3d^64s^2$	$3d^64s(^6D_{9/2})4f$	[2]
			270.47557	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
			270.4793	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
445	270.603	58	270.60124	Fe I	$3d^64s^2$	$3d^6(^1I)4s4p(^3P^o)$	[2]
			270.60785	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
446	270.663	245	270.65817	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			270.6582	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{1/2})6d$	[2]
447	270.88	173	270.87223	Fe II	$3d^6(^3G)4s$	$3d^6(^3P2)4p$	[1]
			270.8838	Fe II	$3d^6(^1I)4p$	$3d^6(^3G)4d$	[1]
			270.88927	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{3/2})6d$	[2]
448	271.626	94	271.621707	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
			271.62573	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
449	271.783	33	271.77864	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			271.78737	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)5s$	[1]
			271.79288	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
			271.79694	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
450	271.903	11395	271.900215	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)5s$	[1]
			271.90272	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			271.9138	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
451	272.024	46	272.01966	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
			272.0352	Fe II	$3d^54s^2$	$3d^6(^3F2)5p$	[1]
452	272.096	2998	272.09021	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			272.11067	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)5p$	[2]
453	272.204	35	272.20388	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^\circ)$	[2]
			272.20625	Fe II	$3d^6(^3F2)4s$	$3d^6(^3F2)4p$	[1]
454	272.361	644	272.35773	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			272.37	Fe II	$3d^6(^1D2)4p$	$3d^54s(^5S)5s$	[1]
			272.37	Fe II	$3d^6(^5D)5s$	$3d^6(^3G)5p$	[1]
455	272.493	104	272.488385	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			272.49531	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^\circ)$	[2]
			272.49531	Fe I	$3d^6(^5D)4s4p(^3P^\circ)$	$3d^64s(^6D_{7/2})6d$	[2]
			272.5016	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
456	272.565	50	272.56018	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^\circ)$	[2]
			272.5625	Fe I	$3d^6(^5D)4s4p(^3P^\circ)$	$3d^6(^5D)4p(^3P)$	[2]
			272.56429	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
457	272.613	57	272.60551	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^\circ)$	[2]
			272.62326	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
			272.62656	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
458	272.758	82	272.753885	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			272.7717	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
459	272.806	105	272.79324	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			272.80208	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^\circ)$	[2]
460	273.071	34	273.06992	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)4d$	[1]
			273.073399	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
461	273.359	1622	273.35066	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
			273.35803	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^\circ)$	[2]
462	273.42	52	273.42671	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
			273.42671	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)5p$	[2]
463	273.552	562	273.54203	Fe II	$3d^6(^1G2)4p$	$3d^6(^3D)5s$	[1]
			273.54751	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^\circ)$	[2]
			273.5612	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
464	273.733	990	273.7309	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			273.7426	Fe II	$3d^5(^6S)4s4p(^3P^\circ)$	$3d^6(^3H)5s$	[1]
465	273.949	630	273.94192	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
			273.9511	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			273.954721	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
466	274.238	2492	274.2254	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^\circ)$	[2]
			274.23316	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
			274.24052	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			274.2459	Fe II	$3d^5 4s^2$	$3d^5(^4D)4s4p(^3P^\circ)$	[1]
			274.24746	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
			274.24746	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
467	274.322	257	274.319657	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			274.32188	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
468	274.406	331	274.40673	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
			274.4193	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
469	274.454	85	274.45273	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^\circ)$	[2]
			274.46505	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
470	274.503	66	274.4894	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			274.4941	Fe II	$3d^5 4s^2$	$3d^5(^4D)4s4p(^3P^\circ)$	[1]
471	274.647	470	274.63561	Fe II	$3d^6(^3F_1)4s$	$3d^6(^3P_1)4p$	[1]
			274.648346	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			274.6518	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
472	274.695	356	274.681	Fe II	$3d^6(^1G_2)4p$	$3d^5 4s(^7S)4d$	[1]
			274.698162	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			274.69818	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^\circ)$	[2]
473	274.827	118	274.8197	Fe I	$3d^6 4s^2$	$3d^6 4s(^6D)6p$	[2]
			274.82011	Fe II	$3d^6(^3G)4p$	$3d^6(^3F_2)4d$	[1]
474	274.888	168	274.8949	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
			274.89841	Fe II	$3d^6(^3G)4s$	$3d^5(^6S)4s4p(^3P^\circ)$	[1]
475	274.936	875	274.932126	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			274.935257	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
			274.94343	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
			274.948576	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
476	275.008	2077	275.00059	Fe II	$3d^6(^3G)4s$	$3d^6(^3F_2)4p$	[1]
			275.00507	Fe I	$3d^6(^5D)4s4p(^3P^\circ)$	$3d^6(^5D)4p^2(^3P)$	[2]
			275.01404	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^1P^\circ)$	[2]
477	275.08	77	275.06966	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
			275.08734	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^\circ)$	[2]
			275.09152	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
478	275.212	27	275.2105	Fe II	$3d^6(^3F_1)4s$	$3d^6(^1F)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			275.215	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
			275.21504	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
479	275.333	99	275.324	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			275.3285	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			275.328738	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
480	275.369	62	275.36867	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			275.37594	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			275.37918	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
481	275.405	82	275.39661	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
			275.40319	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
482	275.441	72	275.44271	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			275.4552	Fe I	$3d^6(^5D)4s4p(^3P^o)$		[2]
483	275.573	1350	275.5659	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
			275.566	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			275.57362	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
484	275.634	373	275.62666	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			275.6328	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
485	275.73	88	275.73153	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			275.74224	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
486	275.982	38	275.9723	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
			275.98136	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			275.9922	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
487	276.175	117	276.17796	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			276.18127	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
488	276.427	37	276.41555	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			276.43229	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
489	276.644	38	276.63724	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
			276.6439	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
			276.64479	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)5s$	[1]
			276.655	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
			276.65514	Fe I	$3d^64s^2$	$3d^64s(^6D)6p$	[2]
			276.65514	Fe I	$3d^64s^2$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
490	276.752	404	276.74151	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			276.74421	Fe II	$3d^6(^1D_2)4p$	$3d^54s(^5S)5s$	[1]
			276.7449	Fe I	$3d^7(^4P)4s$	$3d^64s(^4D)5p$	[2]
			276.751209	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			276.7522	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[4]
			276.76312	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^54s(^5S)5s$	[1]
491	276.824	154	276.81037	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)5p$	[2]
			276.82122	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			276.8268	Fe II	$3d^54s^2$	$3d^6(^5D)5p$	[1]
			276.83326	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
492	276.933	56	276.9298	Fe I	$3d^64s^2$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
			276.93324	Fe II	$3d^6(^3D)4s$	$3d^6(^3D)4p$	[1]
			276.93556	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
493	277.209	373	277.20738	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			277.211	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			277.2122	Fe II	$3d^6(^3D)4p$	$3d^6(^3F_2)4d$	[1]
494	277.257	65	277.25084	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)5p$	[2]
			277.2538	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
495	277.474	28	277.46858	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]
			277.47297	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			277.4889	Fe II	$3d^54s^2$	$3d^6(^5D)5p$	[1]
496	277.498	50	277.4889	Fe II	$3d^54s^2$	$3d^6(^5D)5p$	[1]
			277.49377	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4p^2(^3P)$	[2]
			277.5055	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
497	277.714	26	277.7266	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			277.7266	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
498	277.823	463	277.82201	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			277.82933	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
499	277.883	44	277.87	Fe II	$3d^6(^3G)4p$	$3d^54s(^7S)4d$	[1]
			277.8753	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
			277.88421	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			277.8928	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
500	278.364	123	278.35496	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			278.36904	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
501	278.52	94	278.5132	Fe I	$3d^64s^2$	$3d^64s(^6D)6p$	[2]
			278.5192	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			278.5349	Fe I	$3d^7(^2G)4s$	$3d^6(^3F_2)4s4p(^1P^o)$	[2]
502	278.809	8372	278.79578	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			278.81047	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			278.8236	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
503	279.157	32	279.1504	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4p(^3P)$	[2]
			279.159	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			279.1644	Fe II	$3d^54s^2$	$3d^6(^5D)5p$	[1]
504	279.205	249	279.2054	Fe II	$3d^6(^3H)4s$	$3d^6(^3F2)4p$	[1]
			279.2126	Fe II	$3d^6(^1G2)4p$	$3d^6(^3G)4d$	[1]
			279.2126	Fe II	$3d^6(^1D2)4p$	$3d^6(^5D)6d$	[1]
505	279.386	52	279.37871	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)5s$	[1]
			279.37871	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)5s$	[1]
			279.38872	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
			279.39288	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
506	279.482	265	279.47019	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			279.4852	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
507	279.518	73	279.5093	Fe II	$3d^6(^1D2)4p$	$3d^6(^5D)6d$	[1]
			279.5149	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			279.5268	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
508	279.686	30	279.6813	Fe II	$3d^6(^3G)4s$	$3d^6(^3P2)4p$	[1]
			279.68674	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
509	279.782	151	279.77751	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			279.79166	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
510	279.903	40	279.8967	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			279.90044	Fe II	$3d^6(^1I)4p$	$3d^6(^3G)4d$	[1]
			279.91457	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			279.91467	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
511	279.999	30	279.98401	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
			279.9969	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)4d$	[1]
512	280.695	1796	280.6846	Fe II	$3d^54s^2$	$3d^6(^3F1)4p$	[1]
			280.6984	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
513	280.838	34	280.83268	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			280.8355	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]
514	281.197	27	281.1859	Fe I	$3d^64s^2$	$3d^7(^4F_{5/2})4f$	[2]
			281.1906	Fe I	$3d^64s^2$	$3d^7(^4F_{5/2})4f$	[2]
			281.20401	Fe I	$3d^7(^2G)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
515	281.556	46	281.55064	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			281.56152	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
516	281.676	34	281.6627	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)5s$	[1]
			281.669	Fe I	$3d^7(^4P)4s$	$3d^64s(^4D)5p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
517	282.083	24	282.06898	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3P_2)5s$	[1]
			282.0814	Fe I	$3d^7(^2G)4s$	$3d^64s(^6D_{5/2})4f$	[2]
			282.0815	Fe II	$3d^54s^2$	$3d^6(^3P_2)5p$	[1]
			282.0923	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			282.0966	Fe II	$3d^6(^5D)5s$	$3d^6(^3G)5p$	[1]
518	282.238	32	282.2262	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
			282.2428	Fe II	$3d^6(^1I)4p$	$3d^6(^3G)4d$	[1]
519	282.334	529	282.32755	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			282.33279	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
520	282.561	1360	282.5476	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)5s$	[1]
			282.55555	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			282.56873	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			282.5745	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
521	282.657	28	282.64964	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			282.6584	Fe II	$3d^6(^3P_1)4p$	$3d^6(^3H)6s$	[1]
522	282.789	25	282.78918	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			282.7894	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
523	282.884	150	282.8808	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			282.8946	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^6(^5D)6d$	[1]
524	282.944	39	282.9365	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
			282.9365	Fe I	$3d^64s^2$	$3d^7(^4F_{5/2})4f$	[2]
525	283.1	32	283.0924	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
			283.0924	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
			283.1088	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3F_2)4p$	[1]
526	283.243	2640	283.24047	Fe II	$3d^54s^2$	$3d^6(^3P_2)5p$	[1]
			283.24353	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
527	283.303	24	283.3013	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			283.30852	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
528	283.434	23	283.4417	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			283.4417	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
529	283.817	342	283.81193	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			283.82151	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			283.8232	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
530	283.985	54	283.97994	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			283.99759	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
531	284.068	61	284.064951	Fe II	$3d^6(^3P_2)4s$	$3d^6(^3P_2)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			284.0758	Fe II	$3d^6(^3G)4s$	$3d^6(^3G)4p$	[1]
532	284.367	524	284.3624	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			284.36306	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			284.37813	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
			284.37957	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
533	284.403	2040	284.3921	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			284.39214	Fe II	$3d^6(^3P2)4p$	$3d^6(^3P2)5s$	[1]
			284.39762	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			284.4094	Fe II	$3d^6(^1D2)4p$	$3d^6(^5D)6d$	[1]
			284.4141	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
534	284.558	189	284.5485	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
			284.55474	Fe I	$3d^7(^4F)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			284.55679	Fe II	$3d^6(^1D2)4p$	$3d^6(^3D)4d$	[1]
			284.559447	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			284.55945	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			284.57131	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
535	284.774	38	284.7699	Fe II	$3d^6(^3D)4s$	$3d^6(^3G)4p$	[1]
			284.77733	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			284.78833	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
536	284.81	48	284.80517	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
			284.80683	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
			284.81061	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			284.8231	Fe II	$3d^6(^5D)5s$	$3d^6(^5D_3)5f$	[1]
537	284.833	33	284.8231	Fe II	$3d^6(^5D)5s$	$3d^6(^5D_3)5f$	[1]
			284.83197	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
538	284.869	44	284.8627	Fe I	$3d^7(^2G)4s$	$3d^64s(^6D)6p$	[2]
			284.87145	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
539	285.18	1650	285.17212	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			285.17967	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
540	285.383	153	285.36838	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			285.37715	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
541	285.718	23	285.71216	Fe II	$3d^6(^3P2)4p$	$3d^6(^3F2)5s$	[1]
			285.71722	Fe II	$3d^6(^3D)4s$	$3d^6(^3G)4p$	[1]
542	285.802	24	285.79928	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			285.80892	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
543	285.838	37	285.834007	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			285.8525	Fe II	$3d^6(^1D_2)4s$	$3d^6(^3D)4p$	[1]
544	286.483	25	286.4741	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
			286.497	Fe II	$3d^6(^3D)4s$	$3d^6(^3G)4p$	[1]
545	286.937	90	286.92281	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			286.93076	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			286.9313	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[7]
546	286.985	44	286.9701	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			286.9701	Fe II	$3d^54s^2$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			286.98251	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
547	287.236	96	287.226	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			287.23337	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			287.2385	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			287.24984	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
548	287.284	32	287.2802	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			287.2983	Fe II	$3d^54s^2$	$3d^6(^5D_3)5f$	[1]
549	287.344		287.339737	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
			287.35198	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
550	287.535	29	287.5249	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			287.5301	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			287.5302	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			287.53474	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
			287.5478	Fe I	$3d^64s^2$	$3d^64s(^4D)5p$	[2]
551	287.642	35	287.64	Fe I	$3d^7(^4P)4s$	$3d^7(^2D_2)4p$	[2]
			287.65536	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
552	287.738	55	287.73005	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			287.7433	Fe II	$3d^54s^2$	$3d^5(^4D)4s4p(^3P^o)$	[1]
553	288.419	22	288.4101	Fe II	$3d^6(^1G_2)4p$	$3d^6(^3F_2)4d$	[1]
			288.4185	Fe II	$3d^6(^3D)4p$	$3d^6(^3F_2)4d$	[1]
			288.42694	Fe II	$3d^6(^1I)4p$	$3d^6(^1I)5s$	[1]
554	288.527		288.53464	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			288.53464	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
555	288.718	27	288.7143	Fe I	$3d^7(^2P)4s$	$3d^64s(^4D)5p$	[2]
			288.7227	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^6(^5D)6d$	[1]
			288.7313	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
			288.7313	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
556	288.754	24	288.7538	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			288.7648	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)5s$	[1]
557	289.136	120	289.1239	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^6(^3D)4d$	[1]
			289.1404	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
558	289.506	66	289.4957	Fe I	$3d^7(^2D_2)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			289.50346	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			289.5098	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3F_2)4p$	[1]
559	289.745	63	289.7457	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			289.75872	Fe II	$3d^6(^3G)4p$	$3d^6(^3P_2)4d$	[1]
560	290.079	32	290.06555	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			290.0768	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3F_2)5s$	[1]
			290.0938	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
561	290.139	26	290.13805	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			290.1473	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
			290.1537	Fe II	$3d^6(^3H)4s$	$3d^6(^3H)4p$	[1]
562	290.187	43	290.1805	Fe I	$3d^7(^4F)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			290.19102	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			290.1975	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
563	290.27	35	290.2615	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			290.2778	Fe II	$3d^54s^2$	$3d^5(^4P)4s4p(^3P^o)$	[1]
564	290.569	20	290.5571	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			290.57438	Fe II	$3d^6(^3F_2)4p$	$3d^6(^3H)5s$	[1]
565	290.76	28	290.75172	Fe I	$3d^7(^2G)4s$	$3d^6(^4I)4s4p(^3P^o)$	[2]
			290.7629	Fe II	$3d^54s^2$	$3d^5(^4P)4s4p(^3P^o)$	[1]
566	291.214	243	291.21571	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			291.22565	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			291.2273	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
567	291.787	227	291.78334	Fe II	$3d^6(^3P_2)4p$	$3d^6(^3P_2)5s$	[1]
			291.7872	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^1P^o)$	[2]
568	291.811	65	291.80246	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			291.81588	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
569	291.99	42	291.98403	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			291.9993	Fe II	$3d^54s^2$	$3d^5(^2D_3)4s4p(^3P^o)$	[1]
570	292.073	45	292.0623	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			292.06904	Fe I	$3d^7(^4F)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
571	292.157	37	292.1602	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			292.1715	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
572	292.336	65	292.32854	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^{\circ})$	[2]
			292.3389	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^{\circ})$	[2]
			292.343	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			292.34305	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			292.34305	Fe II	$3d^5(^6S)4s4p(^1P^{\circ})$	$3d^6(^5D)7s$	[1]
573	292.575	34	292.5639	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^{\circ})$	[2]
			292.571	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^{\circ})$	[2]
			292.57843	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			292.58987	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
574	292.658	29	292.6552	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			292.658524	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			292.66151	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			292.6694	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
575	292.909	457	292.90069	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			292.91082	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			292.9117	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^{\circ})$	[2]
			292.92379	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
576	293.697	4948	293.69032	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			293.7065	Fe II	$3d^54s^2$	$3d^6(^5D)6p$	[1]
577	293.924	124	293.9125	Fe II	$3d^7$	$3d^6(^3G)4p$	[1]
			293.9357	Fe II	$3d^6(^1G_2)4p$	$3d^6(^5D)5d$	[1]
578	294.067	34	294.05875	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			294.06221	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
579	294.138	164	294.12346	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			294.127	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			294.13425	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			294.1478	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			294.1523	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^6(^3D)4s(^4D)4d$	[2]
580	294.508	33	294.50514	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^{\circ})$	[2]
			294.50514	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D_{3/2})6d$	[2]
			294.5105	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			294.5223	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
581	294.735	70	294.7253	Fe I	$3d^7(^4F)4s$	$3d^7(^4P)4p$	[2]
			294.7361	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^64s(^6D)5d$	[2]
			294.73618	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
582	294.842	63	294.8275	Fe II	$3d^6(^1G_2)4p$	$3d^6(^3F_2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			294.84334	Fe I	$3d^7(^2G)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
			294.8558	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^6(^5D)7s$	[1]
583	295.391	2361	295.377401	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			295.39398	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			295.4056	Fe II	$3d^6(^3F_2)4s$	$3d^6(^3H)4p$	[1]
584	295.737	1096	295.73643	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			295.74844	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
585	295.976	65	295.968	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			295.98347	Fe II	$3d^6(^1F)4s$	$3d^6(^1D_2)4p$	[1]
586	296.524	624	296.52542	Fe I	$3d^7(^2G)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
			296.52542	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
587	296.608	146	296.59664	Fe II	$3d^6(^1G_2)4p$	$3d^6(^3H)4d$	[1]
			296.59664	Fe II	$3d^6(^5D)5s$	$3d^6(^3G)5p$	[1]
			296.6076	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			296.61972	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
			296.61972	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
588	296.691	33122	296.6898	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			296.68984	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{3/2})6d$	[2]
589	296.942	502	296.9359	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			296.93596	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			296.94744	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
590	297.013	3584	297.00992	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			297.01058	Fe I	$3d^64s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			297.01179	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			297.0245	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
591	297.228	55	297.22782	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
			297.2416	Fe I	$3d^6(^1G_2)4p$	$3d^6(^3F_2)4d$	[2]
			297.2416	Fe II	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
592	297.323	14970	297.31322	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			297.32352	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
593	297.478	149	297.47776	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			297.47776	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{3/2})6d$	[2]
594	297.55	33	297.5526	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^5(^6S)4p^2$	[1]
			297.5621	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)5d$	[1]
			297.5648	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
595	297.669	43	297.65498	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			297.6585	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
596	297.872	48	297.8674	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			297.8848	Fe II	$3d^6(^3G)4s$	$3d^6(^3F2)4p$	[1]
597	297.943	39	297.93532	Fe II	$3d^6(^5D)4s$	$3d^6(^5D)4p$	[1]
			297.9408	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			297.9563	Fe II	$3d^5(^4P)4s4p(^3P^o)$	$3d^6(^3H)6s$	[1]
598	298.063	53	298.05322	Fe I	$3d^7(^2G)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			298.0592	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[1]
			298.0592	Fe II	$3d^6(^3D)4p$	$3d^54s(^7S)4d$	[1]
			298.0647	Fe II	$3d^6(^1G1)4s$	$3d^6(^3F1)4p$	[1]
599	298.48	274	298.47679	Fe I	$3d^7(^4F)4s$	$3d^5(^6S)4s^24p$	[2]
			298.482516	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			298.489	Fe II	$3d^6(^3F2)4s$	$3d^6(^3H)4p$	[1]
600	298.516	32	298.5091	Fe II	$3d^54s^2$	$3d^6(^5D)5p$	[1]
			298.5168	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{3/2})6d$	[2]
601	298.552	52	298.554532	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			298.5637	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
602	298.647	56	298.63435	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)5s$	[1]
			298.64557	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			298.6609	Fe II	$3d^6(^3F2)4s$	$3d^6(^3P2)4p$	[1]
603	298.73	239	298.72903	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			298.72904	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			298.7429	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
604	299.112	51	299.1081	Fe II	$3d^6(^1G1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			299.1236	Fe II	$3d^6(^3F2)4s$	$3d^6(^3H)4p$	[1]
605	299.315	25	299.3206	Fe II	$3d^54s^2$	$3d^5(^4D)4s4p(^3P^o)$	[1]
			299.328	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
606	299.446	14188	299.44266	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			299.45019	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
607	299.767	36	299.7526	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			299.7526	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
			299.7706	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
608	300.042	342	300.0295	Fe II	$3d^6(^1S2)4p$	$3d^54s(^7S)4d$	[1]
			300.0295	Fe II	$3d^54s^2$	$3d^6(^5D)5p$	[1]
			300.04509	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
609	300.089	6416	300.0755	Fe II	$3d^54s^2$	$3d^6(^5D)6p$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			300.09476	Fe I	$3d^6 4s^2$	$3d^7(^4F)4p$	[2]
610	300.173	491	300.1601	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)5s$	[1]
			300.1658	Fe I	$3d^7(^2P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			300.1787	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
			300.1827	Fe I	$3d^7(^2P)4s$	$3d^6 4s(^4D)5p$	[2]
611	300.268	105	300.264344	Fe II	$3d^6(^3G)4p$	$3d^6(^3G)5s$	[1]
			300.264344	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
612	300.721	892	300.7145	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			300.72822	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
613	300.816	3564	300.8138	Fe I	$3d^6 4s^2$	$3d^7(^4F)4p$	[2]
			300.8306	Fe II	$3d^5(^6S)4s4p(^3P^o)$	$3d^6(^5D)6s$	[1]
614	300.912	33	300.90929	Fe I	$3d^6 4s^2$	$3d^7(^2H)4p$	[2]
			300.925	Fe II	$3d^6(^3F2)4p$	$3d^6(^3P2)5s$	[1]
615	300.959	2054	300.95691	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			300.9681	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D_{5/2})6d$	[2]
616	301.15	93	301.1474	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
			301.14808	Fe I	$3d^7(^2G)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
617	301.293	52	301.2933	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D_{7/2})6d$	[2]
			301.2933	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
618	301.412	33	301.4099	Fe I	$3d^6 4s^2$	$3d^7(^2H)4p$	[2]
			301.4164	Fe II	$3d^5 4s^2$	$3d^6(^3F2)5p$	[1]
			301.41732	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
619	301.734	105	301.7251	Fe I	$3d^6(^1I)4p$	$3d^6(^3H)4d$	[2]
			301.7251	Fe II	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
			301.74173	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
620	301.901	531	301.89828	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			301.913	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
621	302.061	59071	302.04905	Fe I	$3d^6 4s^2$	$3d^7(^4F)4p$	[2]
			302.06388	Fe I	$3d^6 4s^2$	$3d^7(^4F)4p$	[2]
			302.0758	Fe II	$3d^6(^3F1)4s$	$3d^5(^4G)4s4p(^3P^o)$	[1]
622	302.646	177	302.64617	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			302.6608	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
623	302.706	200	302.6936	Fe II	$3d^6(^1G2)4p$	$3d^6(^3F2)4d$	[1]
			302.7201	Fe II	$3d^6(^1S2)4p$	$3d^6(^3D)5s$	[1]
624	303.087	74	303.0759	Fe I	$3d^6 4s^2$	$3d^6(^1I)4s4p(^3P^o)$	[2]
			303.0958	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s(^6D)5p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
625	303.123	178	303.12123	Fe I	$3d^6 4s^2$	$3d^7(^2H)4p$	[2]
			303.133	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
626	303.171	124	303.16364	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			303.1712	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
			303.186	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4p^2(^3P)$	[2]
627	303.445	782	303.4479	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			303.45363	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)4d$	[1]
			303.45364	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
			303.4592	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
628	303.743	6880	303.73885	Fe I	$3d^6 4s^2$	$3d^7(^4F)4p$	[2]
			303.7542	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D_{9/2})6d$	[2]
629	303.958	218	303.9598	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
			303.9599	Fe II	$3d^6(^3D)4p$	$3d^6(^3D)5s$	[1]
			303.9599	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
			303.9629	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
			303.9629	Fe II	$3d^6(^3H)4p$	$3d^6(^3H)5s$	[1]
630	304.041	341	304.0281	Fe II	$3d^6(^3D)4p$	$3d^6(^3P2)4d$	[1]
			304.04271	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
631	304.089	58	304.0759	Fe I	$3d^7(^2D2)4s$	$3d^6(^3P2)4s4p(^1P^o)$	[2]
			304.0848	Fe II	$3d^6(^1G2)4s$	$3d^6(^3G)4p$	[1]
			304.0914	Fe II	$3d^6(^1G2)4p$	$3d^6(^3H)4d$	[1]
			304.0914	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
			304.0956	Fe I	$3d^6 4s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			304.0956	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
			304.1029	Fe I	$3d^6 4s^2$	$3d^6(^3D)4s4p(^3P^o)$	[2]
632	304.173	435	304.1637	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			304.17386	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
633	304.411	65	304.4103	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^o)$	[1]
			304.4103	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
			304.4216	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^4D)4d$	[2]
			304.4255	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
634	304.757	9098	304.7454	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)6s$	[2]
			304.76043	Fe I	$3d^6 4s^2$	$3d^7(^4F)4p$	[2]
635	305.258	69	305.2491	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
			305.258	Fe II	$3d^6(^1I)4p$	$3d^5 4s(^7S)4d$	[1]
			305.2715	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
636	305.341	31	305.34281	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			305.34533	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
637	305.532	104	305.52622	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			305.52933	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			305.52933	Fe II	$3d^6(^1G2)4p$	$3d^6(^3F2)4d$	[1]
			305.53503	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			305.5356	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
638	305.746	10444	305.74456	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			305.7584	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[1]
			305.7584	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
639	306.068	58	306.05376	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			306.0626	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			306.07764	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
640	306.473	39	306.4695	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			306.4837	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{1/2})6d$	[2]
641	306.652	42	306.64787	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			306.6486	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
642	306.724	2394	306.71181	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			306.72437	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
643	306.783	45	306.783	Fe II	$3d^6(^3D)4p$	$3d^6(^3P2)4d$	[1]
			306.7948	Fe I	$3d^7(^2G)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
644	306.819	72	306.81733	Fe I	$3d^7(^4F)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			306.8301	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
645	307.117	31	307.11248	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			307.11249	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{5/2})6d$	[2]
			307.1277	Fe I	$3d^64s^2$	$3d^6(^1I)4s4p(^3P^o)$	[1]
			307.1277	Fe II	$3d^6(^3F2)4p$	$3d^6(^3F2)5s$	[1]
646	307.582	684	307.56744	Fe II	$3d^6(^1G2)4p$	$3d^6(^3H)4d$	[1]
			307.5701	Fe II	$3d^6(^3D)4p$	$3d^6(^3H)4d$	[1]
			307.57194	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			307.5856	Fe II	$3d^6(^1G1)4s$	$3d^6(^5D)5p$	[1]
647	308.821	157	308.8171	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			308.82143	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{7/2})6d$	[2]
			308.8244	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			308.8346	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
648	309.166	142	309.15763	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			309.1688	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)6s$	[2]
649	309.75	43	309.7417	Fe II	$3d^7$	$3d^6(^3F2)4p$	[1]
			309.7493	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			309.7494	Fe II	$3d^6(^1G2)4p$	$3d^6(^3F2)4d$	[1]
			309.81891	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
650	309.821	42	309.8351	Fe II	$3d^6(^3D)4p$	$3d^6(^3F2)4d$	[1]
			309.98943	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
651	310	1434	309.99679	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			310.0103	Fe II	$3d^6(^3F1)4p$	$3d^6(^3H)6s$	[1]
			310.06647	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
652	310.071	835	310.0836	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			310.2869	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
653	310.297	62	310.2957	Fe II	$3d^6(^1G2)4p$	$3d^6(^3P2)4d$	[1]
			310.7976	Fe I	$3d^7(^2G)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
654	310.809	32	310.7976	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
			311.65802	Fe II	$3d^6(^3D)4s$	$3d^6(^3F2)4p$	[1]
655	311.666	48	311.66313	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			311.8164	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)6s$	[2]
656	311.821	147	311.8298	Fe II	$3d^54s^2$	$3d^5(^4G)4s4p(^3P^o)$	[1]
			311.94947	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
657	311.952	36	311.95812	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			312.5646	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
658	312.571	120	312.5646	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			312.56503	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			312.56823	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			312.5694	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			312.61763	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
659	312.618	244	312.6275	Fe II	$3d^6(^1G2)4p$	$3d^6(^3F2)4d$	[1]
			312.6275	Fe II	$3d^6(^1G2)4p$	$3d^6(^3P2)4d$	[1]
			313.25177	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
660	313.261	27	313.2649	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^1P^o)$	[2]
			313.41098	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
661	313.416	48	313.4228	Fe II	$3d^6(^3G)4p$	$3d^6(^3H)5s$	[1]
			313.4248	Fe I	$3d^7(^2D2)4s$	$3d^64s(^4D)5p$	[2]
			313.4412	Fe I	$3d^7(^2G)4s$	$3d^7(^4F)5p$	[2]
662	313.451	18	313.4639	Fe I	$3d^7(^2G)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
663	314.248	32	314.24537	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			314.2456	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			314.2555	Fe II	$3d^6(^1G2)4p$	$3d^6(^5D)5d$	[1]
664	314.45	34	314.4428	Fe I	$3d^7(^2G)4s$	$3d^7(^4F)5p$	[2]
			314.44965	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			314.4606	Fe II	$3d^6(^1G2)4p$	$3d^6(^3H)4d$	[1]
665	314.498	26	314.4923	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			314.50568	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
666	314.665	105	314.6604	Fe I	$3d^7(^2D2)4s$	$3d^64s(^4D)5p$	[2]
			314.6604	Fe II	$3d^54s^2$	$3d^6(^3P1)4p$	[1]
			314.6755	Fe II	$3d^6(^3G)4s$	$3d^6(^3F2)4p$	[1]
667	315.319	45	315.3056	Fe I	$3d^7(^4P)4s$	$3d^7(^2G)4p$	[2]
			315.3056	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			315.31995	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			315.33134	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
668	315.426		315.411	Fe I	$3d^7(^4F)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			315.42011	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
			315.43849	Fe I	$3d^7(^4P)4s$	$3d^7(^2G)4p$	[2]
669	315.449	27	315.43849	Fe I	$3d^7(^4P)4s$	$3d^7(^2G)4p$	[2]
			315.44293	Fe I	$3d^7(^2D2)4s$	$3d^64s(^4D)5p$	[2]
			315.4433	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)5p$	[2]
			315.44964	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
670	315.497	24	315.5118	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			315.5118	Fe II	$3d^6(^1)4p$	$3d^6(^3F2)4d$	[1]
671	315.628	48	315.62736	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			315.6421	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)6s$	[2]
672	315.711	81	315.70359	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			315.7143	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
			315.7204	Fe I	$3d^6(^5D)4s4p(^3P^o)$		[2]
673	315.794	50	315.78848	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D_{9/2})6d$	[2]
			315.78848	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			315.79871	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
674	315.889	122	315.8776	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
			315.90208	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
675	315.913	27	315.90208	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			315.9123	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			315.9123	Fe II	$3d^6(^3P1)4s$	$3d^6(^1F)4p$	[1]
			315.925	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
676	316.032	51	316.01962	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			316.0243	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)6s$	[2]
			316.03413	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
677	316.068	102	316.06572	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			316.07738	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
678	316.591	47	316.58575	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			316.5933	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
679	316.626	33	316.62442	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			316.6336	Fe I	$3d^64s^2$	$3d^6(^5D)4s(^6D)5p$	[2]
			316.6401	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)5s$	[1]
680	316.65	32	316.6401	Fe II	$3d^6(^3G)4p$	$3d^6(^3F2)5s$	[1]
			316.64353	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
			316.6528	Fe II	$3d^7$	$3d^5(^6S)4s4p(^1P^o)$	[8]
			316.65865	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			316.6591	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
681	316.793	38	316.7781	Fe I	$3d^7(^4P)4s$	$3d^7(^2G)4p$	[2]
			316.785483	Fe II	$3d^6(^3G)4s$	$3d^6(^3H)4p$	[1]
			316.785483	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			316.79206	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
682	316.817	59	316.8142	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			316.818	Fe II	$3d^6(^1)4p$	$3d^6(^3F2)4d$	[1]
683	317.221	40	317.20835	Fe I	$3d^7(^4P)4s$	$3d^7(^2G)4p$	[2]
			317.21118	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			317.229	Fe I	$3d^7(^2G)4s$	$3d^7(^2D2)4p$	[2]
684	317.363	42	317.36063	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			317.36876	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
685	317.542	89	317.53117	Fe I	$3d^7(^4F)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			317.5312	Fe I	$3d^7(^2D2)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			317.538	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)6s$	[2]
			317.54445	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
686	317.803	77	317.80126	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			317.817	Fe I	$3d^64s^2$	$3d^6(^5D)4s(^6D)5p$	[2]
687	317.898	32	317.89619	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			317.9047	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
688	318.029	246	318.0154	Fe II	$3d^6(^1D_2)4s$	$3d^6(^3G)4p$	[1]
			318.02231	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
689	318.183	79	318.1749	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			318.1847	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			318.19112	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			318.1924	Fe I	$3d^7(^2P)4s$	$3d^7(^2D_2)4p$	[2]
690	318.207	29	318.1924	Fe I	$3d^7(^2P)4s$	$3d^7(^2D_2)4p$	[2]
			318.20553	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
691	318.302	30	318.2973	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			318.2973	Fe I	$3d^7(^4P)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			318.30682	Fe II	$3d^6(^3G)4s$	$3d^5(^6S)4s4p(^3P^o)$	[1]
			318.3109	Fe I	$3d^64s^2$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
			318.31136	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
692	319.086	38	319.08165	Fe I	$3d^7(^2G)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
			319.0932	Fe I	$3d^7(^2G)4s$	$3d^7(^4F)5p$	[2]
693	319.324	3765	319.32257	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			319.32996	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
694	319.383	48	319.373	Fe I	$3d^7(^2D_2)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			319.38006	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			319.38568	Fe II	$3d^6(^3G)4s$	$3d^6(^3F_2)4p$	[1]
			319.3979	Fe II	$3d^6(^3D)4p$	$3d^6(^5D)5d$	[1]
695	319.455	80	319.44236	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			319.45936	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
696	319.514	27	319.507	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			319.523	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
697	319.609	41	319.59592	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			319.60712	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			319.61224	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
698	319.692	1251	319.69272	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			319.69866	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			319.7001	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
699	319.953	393	319.94994	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			319.95302	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			319.9653	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
700	320.048	403	320.04713	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			320.0474	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
701	320.535	140	320.521	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			320.53978	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
702	320.844	49	320.84704	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			320.8583	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
703	320.927	201	320.92979	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			320.92979	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
704	321.022	165	321.01863	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
			321.02289	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
705	321.082	174	321.082894	Fe II	$3d^6(^5D)4p$	$3d^6(^5D)5s$	[1]
			321.0829	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
706	321.165	374	321.16073	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			321.16772	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
707	321.2	794	321.18749	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			321.19871	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			321.1995	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
708	321.402	1680	321.4012	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			321.4012	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			321.40614	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			321.4082	Fe II	$3d^6(^1G_2)4p$	$3d^6(^5D)5d$	[1]
709	321.592	337	321.58332	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			321.59378	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			321.5985	Fe I	$3d^7(^2G)4s$	$3d^7(^4F)5p$	[2]
			321.5985	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)7s$	[2]
			321.605	Fe I	$3d^7(^2D_2)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
710	321.984	428	321.9766	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			321.98043	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
711	322.21	2480	322.2058	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			322.20669	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
712	322.483	704	322.4681	Fe II	$3d^6(^1F)4p$	$3d^6(^5D)6d$	[1]
			322.4802	Fe II	$3d^6(^1I)4s$	$3d^6(^3F_2)4p$	[1]
			322.49238	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)5p$	[2]
713	322.708	264	322.6987	Fe II	$3d^6(^3D)4p$	$3d^6(^3F_2)4d$	[1]
			322.70609	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
714	322.779	653	322.774324	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
			322.77953	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
715	322.827	130	322.82487	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			322.8396	Fe I	$3d^7(^4P)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
716	322.957	1084	322.957	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			322.9612	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
717	323.005	4980	322.9955	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			322.99906	Fe I	$3d^7(^2G)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			323.0096	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			323.01561	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
718	323.301	178	323.2937	Fe I	$3d^7(^2D2)4s$	$3d^64s(^6D)6p$	[2]
			323.30516	Fe I	$3d^7(^2H)4s$	$3d^6(^1I)4s4p(^3P^o)$	[2]
719	323.456	259	323.4449	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)6s$	[2]
			323.4613	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
720	323.942	755	323.9307	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			323.9344	Fe I	$3d^7(^4P)4s$	$3d^7(^2P)4p$	[2]
			323.94327	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			323.94571	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
721	324.038	27	324.0362	Fe I	$3d^7(^2P)4s$	$3d^64s(^4D)5p$	[2]
			324.0363	Fe II	$3d^6(^5D)4d$	$3d^6(^3G)5p$	[1]
722	324.287	43	324.2986	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
723	324.311	30	324.2986	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			324.31082	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
724	324.608	211	324.59655	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			324.60046	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
725	324.726	120	324.71769	Fe II	$3d^6(^3D)4s$	$3d^6(^3F2)4p$	[1]
			324.72098	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			324.72799	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			324.7391	Fe II	$3d^6(^1G2)4s$	$3d^6(^3F2)4p$	[1]
726	326.458	95	326.4512	Fe I	$3d^7(^4P)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			326.46944	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
727	326.565	159	326.55431	Fe I	$3d^7(^2G)4s$	$3d^7(^2H)4p$	[2]
			326.56163	Fe I	$3d^7(^4P)4s$	$3d^5(^6S)4s^24p$	[2]
728	327.099	141	327.099964	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)5f$	[1]
			327.09997	Fe I	$3d^7(^4P)4s$	$3d^5(^6S)4s^24p$	[2]
729	328.285	36	328.28901	Fe I	$3d^7(^2D2)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			328.28901	Fe II	$3d^6(^3D)4p$	$3d^6(^3P2)4d$	[1]
730	330.598	439	330.58519	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)6s$	[2]
			330.59705	Fe I	$3d^7(^4P)4s$	$3d^5(^6S)4s^24p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			330.60806	Fe I	$3d^6 4s^2$	$3d^7(^4F)5p$	[2]
731	330.633	557	330.63393	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			330.63545	Fe I	$3d^7(^4P)4s$	$3d^5(^6S)4s^2 4p$	[2]
732	330.716	142	330.71448	Fe II	$3d^6(^5D)5s$	$3d^6(^3F_2)5p$	[1]
			330.72334	Fe I	$3d^7(^2H)4s$	$3d^6(^1I)4s4p(^3P^o)$	[2]
733	331.048	25	331.0341	Fe I	$3d^6 4s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			331.04905	Fe I	$3d^7(^2D_2)4s$	$3d^6(^1I)4s4p(^3P^o)$	[2]
734	331.463	75	331.474099	Fe II	$3d^6(^5D)5s$	$3d^5(^2F_1)4s4p(^3P^o)$	[1]
			331.47411	Fe I	$3d^7(^2D_2)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
735	333.574	84	333.57153	Fe I	$3d^7(^2G)4s$	$3d^7(^2P)4p$	[2]
			333.57682	Fe I	$3d^7(^4P)4s$	$3d^7(^2D_2)4p$	[2]
736	333.977	190	333.9688	Fe II	$3d^6(^3D)4p$	$3d^6(^3G)5s$	[1]
			333.9798	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)5f$	[1]
737	336.679	92	336.67852	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			336.68637	Fe I	$3d^7(^4P)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
738	336.715	538	336.71538	Fe I	$3d^6 4s^2$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			336.72159	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
739	337.2	51	337.20735	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)5f$	[1]
			337.20736	Fe I	$3d^7(^4P)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
740	337.414	41	337.41917	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)5f$	[1]
			337.41918	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
741	337.888	76	337.87329	Fe I	$3d^6 4s^2$	$3d^5(^6S)4s^2 4p$	[2]
			337.90177	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
742	338.089	154	338.07466	Fe I	$3d^7(^2P)4s$	$3d^7(^4F)5p$	[2]
			338.1003	Fe II	$3d^6(^1F)4s$	$3d^6(^3D)4p$	[5]
743	338.765	27	338.7617	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^4D)4d$	[2]
			338.7617	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6 4s(^6D)5d$	[2]
744	339.926	333	339.9228	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			339.93329	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
745	340.423	296	340.427	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			340.43006	Fe I	$3d^7(^2G)4s$	$3d^7(^2D_2)4p$	[2]
			340.43537	Fe I	$3d^7(^4P)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
746	340.577	32	340.58311	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)5f$	[1]
			340.58312	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
747	340.684	391	340.67992	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
			340.6832	Fe I	$3d^6(^5D)4s4p(^3P^o)$		[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
748	340.743	2727	340.74594	Fe I	$3d^7(^4P)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			340.75315	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
749	341.015	36	341.00275	Fe I	$3d^7(^2G)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			341.0169	Fe I	$3d^7(^2P)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
750	341.596	29	341.6021	Fe II	$3d^7$	$3d^6(^5D)4p$	[5]
			341.6046	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			341.6046	Fe II	$3d^54s^2$	$3d^5(^6S)4s4p(^3P^o)$	[1]
751	342.259	448	342.24922	Fe I	$3d^7(^2G)4s$	$3d^7(^4F)5p$	[2]
			342.26557	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
752	342.638	106	342.63241	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			342.6382	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			342.6382	Fe I	$3d^7(^4P)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
753	342.662	132	342.66278	Fe I	$3d^7(^4P)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			342.66656	Fe I	$3d^7(^2H)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
754	342.709	2307	342.69877	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			342.71193	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
755	342.816	272	342.81367	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)5f$	[1]
			342.81924	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
			342.82272	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
756	343.171	30	343.18114	Fe I	$3d^7(^4P)4s$	$3d^7(^2P)4p$	[2]
			343.18425	Fe I	$3d^7(^2D_2)4s$	$3d^7(^2D_2)4p$	[2]
757	343.787	35	343.79486	Fe I	$3d^7(^2H)4s$	$3d^6(^1G_2)4s4p(^3P^o)$	[2]
			343.79486	Fe II	$3d^6(^3D)4p$	$3d^6(^3F_2)4d$	[1]
758	344.237	124	344.2239	Fe II	$3d^7$	$3d^6(^3H)4p$	[5]
			344.23616	Fe I	$3d^64s^2$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
759	345.705	41	345.6926	Fe II	$3d^6(^3D)4s$	$3d^6(^3P_2)4p$	[1]
			345.70867	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
760	346.881	47	346.86792	Fe II	$3d^6(^1G_2)4s$	$3d^6(^3H)4p$	[1]
			346.88442	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
761	347.675	6165	347.67016	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			347.68541	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
762	347.864	49	347.86226	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			347.86639	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
763	349.059	63084	349.05738	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			349.06283	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
764	349.71	339	349.70028	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			349.71031	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
			349.7148	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
765	349.781	8780	349.78403	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			349.78867	Fe I	$3d^7(^2P)4s$	$3d^7(^2D)4p$	[2]
			349.79593	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)6s$	[2]
766	350.479	57	350.47145	Fe II	$3d^6(^5D)4d$	$3d^6(^3F)5p$	[1]
			350.4861	Fe I	$3d^64s^2$	$3d^6(^3P)4s4p(^3P^o)$	[2]
767	350.656	85	350.64975	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			350.658	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
768	350.857	51	350.84743	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			350.8518	Fe I	$3d^64s^2$	$3d^6(^3F)4s4p(^3P^o)$	[2]
			350.8565	Fe II	$3d^6(^5D)4d$	$3d^6(^5D)5f$	[1]
769	351.626	66	351.63043	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
			351.64087	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
770	351.862	53	351.85889	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
			351.86826	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
771	352.418	139	352.40739	Fe I	$3d^64s^2$	$3d^6(^3F)4s4p(^3P^o)$	[2]
			352.42395	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
772	352.607	7740	352.60406	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			352.61245	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
			352.61656	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
773	352.784	195	352.77926	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			352.78895	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
774	354.108	1856	354.0959	Fe II	$3d^6(^5D)4d$	$3d^6(^5D)5f$	[1]
			354.10831	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
775	354.214	1260	354.20754	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			354.22432	Fe I	$3d^64s^2$	$3d^6(^3P)4s4p(^3P^o)$	[2]
776	355.289	53	355.28277	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			355.28549	Fe I	$3d^7(^2P)4s$	$3d^7(^2D)4p$	[2]
777	355.69	1339	355.68776	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			355.694	Fe II	$3d^6(^5D)4p$	$3d^54s^2$	[1]
778	355.856	5610	355.8412	Fe I	$3d^64s^2$	$3d^7(^2D)4p$	[2]
			355.85148	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
779	356.458	66	356.4515	Fe I	$3d^64s^2$	$3d^6(^3F)4s4p(^3P^o)$	[2]
			356.45567	Fe I	$3d^64s^2$	$3d^6(^3F)4s4p(^3P^o)$	[2]
780	357.012	65527	357.001	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			357.00975	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			357.02539	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
781	357.39	361	357.38289	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			357.38884	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
782	357.532	143	357.52449	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			357.53697	Fe I	$3d^7(^2P)4s$	$3d^7(^2P)4p$	[2]
783	358.464	774	358.46592	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
			358.47855	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
784	358.865	214	358.85262	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			358.8609	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
785	358.948	93	358.94517	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
			358.96052	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
786	359.136	32	359.13491	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			359.14838	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
787	359.16	31	359.14838	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
788	359.702	42	359.70209	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			359.70523	Fe I	$3d^7(^2D2)4s$	$3d^7(^4F)5p$	[2]
789	359.879	68	359.8717	Fe I	$3d^7(^2D2)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			359.8929	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
790	360.257	110	360.24619	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			360.252519	Fe II	$3d^6(^5D)5s$	$3d^5(^4F)4s4p(^3P^o)$	[1]
			360.25252	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
791	360.316	366	360.30884	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)6s$	[2]
			360.32033	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
792	360.375	48	360.36808	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
			360.38177	Fe I	$3d^7(^2P)4s$	$3d^7(^2P)4p$	[2]
793	360.551	1331	360.54525	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
			360.55004	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
794	360.669	3735	360.65995	Fe I	$3d^7(^2D2)4s$	$3d^7(^4F)5p$	[2]
			360.66791	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
795	361.459	51	361.45554	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			361.47119	Fe I	$3d^7(^2D2)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
796	361.483	72	361.47119	Fe I	$3d^7(^2D2)4s$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			361.47721	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			361.4873	Fe II	$3d^6(^1G2)4s$	$3d^6(^3H)4p$	[5]
797	361.624	33	361.61481	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			361.63197	Fe I	$3d^6 4s^2$	$3d^6(^3F_2) 4s 4p(^3P^o)$	[2]
798	361.872	38534	361.85968	Fe I	$3d^7(^2D_2) 4s$	$3d^7(^4F) 5p$	[2]
			361.87677	Fe I	$3d^7(^4F) 4s$	$3d^7(^4F) 4p$	[2]
			361.88123	Fe I	$3d^6 4s^2$	$3d^6(^3G) 4s 4p(^3P^o)$	[2]
799	363.439	146	363.43275	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6(^5D) 4s (^6D) 4d$	[2]
			363.43962	Fe I	$3d^7(^2H) 4s$	$3d^7(^4F) 5p$	[2]
			363.4461	Fe I	$3d^7(^2D_2) 4s$	$3d^6(^3D) 4s 4p(^3P^o)$	[2]
800	363.615	55	363.6161	Fe I	$3d^7(^4P) 4s$	$3d^6(^3P_2) 4s 4p(^3P^o)$	[2]
			363.6161	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^7(^4F) 4d$	[2]
			363.62233	Fe I	$3d^7(^2D_2) 4s$	$3d^6(^3G) 4s 4p(^3P^o)$	[2]
801	363.698	137	363.69939	Fe I	$3d^6 4s^2$	$3d^6(^3G) 4s 4p(^3P^o)$	[2]
			363.70455	Fe I	$3d^6 4s^2$	$3d^7(^2H) 4p$	[2]
802	363.827	337	363.81576	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6(^5D) 4s (^6D) 4d$	[2]
			363.82384	Fe I	$3d^7(^2G) 4s$	$3d^6(^3F_2) 4s 4p(^3P^o)$	[2]
			363.82962	Fe I	$3d^7(^2G) 4s$	$3d^7(^2G) 4p$	[2]
803	364.781	60247	364.7843	Fe I	$3d^7(^4F) 4s$	$3d^7(^4F) 4p$	[2]
			364.7843	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^7(^4F) 4d$	[2]
804	364.946	1051	364.93329	Fe I	$3d^7(^2G) 4s$	$3d^7(^2P) 4p$	[2]
			364.95061	Fe I	$3d^7(^2G) 4s$	$3d^7(^2G) 4p$	[2]
805	365.546	108	365.53511	Fe I	$3d^6 4s^2$	$3d^6(^3P_2) 4s 4p(^3P^o)$	[2]
			365.54647	Fe I	$3d^7(^4P) 4s$	$3d^7(^2P) 4p$	[2]
			365.55703	Fe II	$3d^5(^6S) 4s 4p(^1P^o)$	$3d^5 4s(^7S) 5s$	[1]
806	365.794	33	365.78982	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6(^5D) 4s (^6D) 4d$	[2]
			365.802	Fe I	$3d^6 4s^2$	$3d^7(^2H) 4p$	[2]
807	366.617	39	366.6241	Fe I	$3d^6 4s^2$	$3d^6(^3F_2) 4s 4p(^3P^o)$	[2]
			366.6241	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6(^5D) 4s (^6D) 4d$	[2]
808	366.794	53	366.7986	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^7(^4F) 4d$	[2]
			366.7986	Fe I	$3d^6 4s^2$	$3d^7(^2H) 4p$	[2]
809	367.006	480	367.00241	Fe I	$3d^7(^4P) 4s$	$3d^7(^2P) 4p$	[2]
			367.00881	Fe I	$3d^6 4s^2$	$3d^6(^3G) 4s 4p(^3P^o)$	[2]
810	367.759	687	367.74536	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6 4s(^4D) 4d$	[2]
			367.75035	Fe I	$3d^7(^2D_2) 4s$	$3d^7(^2P) 4p$	[2]
			367.76274	Fe I	$3d^7(^2G) 4s$	$3d^7(^2G) 4p$	[2]
811	368.074	101	368.0657	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^7(^4F) 4d$	[2]
			368.08094	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6 4s(^4D) 4d$	[2]
812	368.227	1144	368.21673	Fe I	$3d^6(^5D) 4s 4p(^3P^o)$	$3d^6(^5D) 4s (^6D) 4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			368.2244	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
813	368.309	459	368.305445	Fe II	$3d^6(^1D2)4p$	$3d^6(^5D)5d$	[1]
			368.30545	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
814	368.415	441	368.41074	Fe I	$3d^7(^2G)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			368.41374	Fe I	$3d^7(^2H)4s$	$3d^7(^2D2)4p$	[2]
815	368.946	494	368.93687	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			368.94579	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
816	369.511	255	369.5051	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			369.5051	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
817	369.747	158	369.74252	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			369.75357	Fe I	$3d^7(^2D2)4s$	$3d^7(^4F)5p$	[2]
818	370.359	174	370.35476	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
			370.3584	Fe I	$3d^7(^2G)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			370.36906	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
819	370.442	252	370.43496	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
			370.4461	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
820	370.56	53787	370.55658	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			370.56976	Fe I	$3d^7(^2H)4s$	$3d^7(^4F)5p$	[2]
821	370.795	2346	370.78218	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			370.79196	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
822	370.96	3042	370.95335	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			370.96651	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
823	372.149	269	372.13932	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			372.15025	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			372.16002	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
824	372.761	9061	372.75267	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			372.76188	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			372.76735	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
825	373.043	206	373.03861	Fe I	$3d^7(^2G)4s$	$3d^7(^2H)4p$	[2]
			373.04602	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
826	374.02	306	374.00588	Fe I	$3d^7(^2G)4s$	$3d^7(^2D2)4p$	[2]
			374.02392	Fe I	$3d^7(^2D2)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
827	374.267	237	374.25558	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			374.26163	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
828	374.337	6132	374.33619	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			374.3468	Fe I	$3d^7(^2H)4s$	$3d^6(^1G2)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
829	374.408	173	374.4102	Fe I	$3d^7(^2H)4s$	$3d^7(^4F)5p$	[2]
			374.4102	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
830	374.561	65527	374.54711	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
			374.5561	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
831	374.69	293	374.69267	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			374.6996	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
832	376.559	2665	376.55387	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
			376.56997	Fe II	$3d^6(^1D2)4p$	$3d^6(^3P2)4d$	[1]
			376.57	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
833	377.029	169	377.03012	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			377.04043	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
834	377.945	50	377.94157	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			377.94535	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
			377.95079	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
835	378.591	1311	378.57862	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			378.59481	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
836	379.014	2222	379.00927	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			379.02384	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
837	379.343	99	379.33531	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			379.34804	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
838	380.176	106	380.16791	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			380.18084	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
839	380.54	1048	380.5342	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			380.5342	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
840	380.669	732	380.66954	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
			380.67601	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
841	380.868	106	380.87283	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			380.87925	Fe II	$3d^54s^2$	$3d^5(^4F)4s4p(^3P^o)$	[1]
842	381.185	143	381.18042	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			381.18907	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
843	381.302	9515	381.29643	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			381.30578	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
844	381.361	55	381.36346	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^6(^3F2)4d$	[1]
			381.36347	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
845	381.385	47	381.38842	Fe I	$3d^64s^2$	$3d^6(^1G2)4s4p(^3P^o)$	[2]
			381.39331	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
846	381.76	90	381.7451	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)6s$	[2]
			381.76392	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
847	382.44	65527	382.43035	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
			382.44435	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
848	383.085	81	383.07572	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			383.08617	Fe I	$3d^7(^2G)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
849	383.706	34	383.69151	Fe I	$3d^7(^2G)4s$	$3d^7(^4P)4p$	[2]
			383.71347	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
850	384.515	84	384.51686	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			384.5215	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
851	384.679	604	384.68	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			384.68	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
			384.69333	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
852	386.131	114	386.13398	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			386.134	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
853	386.366	78	386.36903	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			386.37411	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
854	386.951	164	386.9558	Fe I	$3d^7(^2G)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			386.96078	Fe I	$3d^7(^2G)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
855	388.847	4379	388.8416	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			388.85132	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
856	389.338	239	389.33091	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
			389.33901	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
857	390.649	3876	390.64795	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			390.6532	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
858	391.096	102	391.08434	Fe I	$3d^7(^2G)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			391.09988	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
859	391.836	187	391.83149	Fe II	$3d^6(^1G2)4p$	$3d^6(^3H)5s$	[1]
			391.8315	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			391.84152	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
860	392.6	193	392.5941	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
			392.60129	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
861	392.799	38773	392.792	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			392.792	Fe I	$3d^7(^4P)4s$	$3d^6(^5S)4s^24p$	[2]
			392.80827	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
862	393.363	72	393.3599	Fe I	$3d^7(^4F)4p$	$3d^64s(^4D)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			393.3599	Fe I	$3d^7(^2P)4s$	$3d^7(^2P)4p$	[2]
			393.3599	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
863	393.586	159	393.58122	Fe I	$3d^7(^4P)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			393.58602	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			393.5942	Fe II	$3d^6(^1F)4s$	$3d^6(^3G)4p$	[5]
864	394.125	65	394.1183	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^6D)5d$	[2]
			394.1275	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
865	394.243	148	394.23638	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			394.24397	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
866	394.818	213	394.8097	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			394.8276	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
867	395.263	237	395.2601	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			395.26955	Fe I	$3d^7(^4P)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
868	397.034	49	397.02605	Fe I	$3d^7(^2D2)4s$	$3d^7(^4F)5p$	[2]
			397.03888	Fe I	$3d^7(^2P)4s$	$3d^7(^2P)4p$	[2]
869	397.643	61	397.6385	Fe I	$3d^7(^2P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			397.6546	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
870	397.666	70	397.6546	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
			397.6613	Fe I	$3d^7(^2P)4s$	$3d^7(^2D2)4p$	[2]
871	397.69	45	397.6861	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			397.6861	Fe I	$3d^7(^2D2)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
872	398.545	38	398.53157	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			398.5387	Fe I	$3d^7(^2D2)4s$	$3d^7(^2P)4p$	[2]
873	398.615	79	398.6067	Fe II	$3d^5(^6S)4s4p(^1P^o)$	$3d^6(^5D)5d$	[1]
			398.61714	Fe I	$3d^7(^2D2)4s$	$3d^7(^2D2)4p$	[2]
874	399.599	41	399.5861	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			399.59833	Fe I	$3d^7(^2G)4s$	$3d^7(^4P)4p$	[2]
875	399.739	1567	399.73919	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			399.74835	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
876	400.605	56	400.61574	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
877	400.628	55	400.61574	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			400.63105	Fe I	$3d^7(^2H)4s$	$3d^7(^2D2)4p$	[2]
			400.6392	Fe II	$3d^54s^2$	$3d^5(^2D3)4s4p(^3P^o)$	[1]
878	400.968	272	400.9542	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			400.97125	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
879	401.377	38	401.36392	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			401.37815	Fe I	$3d^7(^2P)4s$	$3d^7(^2G)4p$	[2]
			401.38246	Fe I	$3d^7(^2P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
880	401.716	77	401.70832	Fe I	$3d^7(^2G)4s$	$3d^7(^4P)4p$	[2]
			401.71483	Fe I	$3d^7(^2G)4s$	$3d^7(^2G)4p$	[2]
881	403.049	629	403.03559	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			403.04883	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
882	404.136	154	404.1271	Fe I	$3d^7(^2H)4s$	$3d^7(^2D2)4p$	[2]
			404.1271	Fe I	$3d^7(^2D2)4s$	$3d^6(^5D)4s(^6D)5p$	[2]
883	404.393	86	404.38964	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			404.39767	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
884	404.463	154	404.44906	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)4d$	[2]
			404.45444	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			404.46089	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
885	406.354	58345	406.34166	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^64s(^4D)4d$	[2]
			406.35939	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
886	407.591	34	407.5812	Fe II	$3d^6(^5D)4d$	$3d^6(^5D)6p$	[1]
			407.59428	Fe II	$3d^7$	$3d^6(^5D)4p$	[1]
887	407.661	436	407.64895	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			407.66288	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
888	408.524	139	408.5248	Fe I	$3d^7(^2G)4s$	$3d^7(^4P)4p$	[2]
			408.53028	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
889	409.596	67	409.59705	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			409.61069	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
890	409.619	33	409.61069	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
			409.621	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
891	410.411	47	410.41133	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			410.41536	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
892	411.294	91	411.2912	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)4d$	[2]
			411.29586	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)4d$	[2]
893	411.446	72	411.44447	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
			411.4539	Fe II	$3d^6(^3H)4p$	$3d^6(^5D)4d$	[1]
894	412.252	55	412.25152	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			412.2638	Fe II	$3d^6(^3P2)4s$	$3d^6(^5D)4p$	[5]
895	412.369	54	412.3728	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			412.37658	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
896	413.198	4446	413.19351	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			413.1972	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			413.20579	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
897	414.273	38	414.25886	Fe II	$3d^6(^5D)4d$	$3d^5(^2F_1)4s4p(^3P^o)$	[1]
			414.2589	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)4d$	[2]
898	414.343	1854	414.34143	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			414.34969	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
899	415.02	47	415.02486	Fe II	$3d^6(^3P_1)4s$	$3d^6(^3D)4p$	[1]
			415.02488	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
900	415.673	353	415.66711	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			415.67985	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
901	415.872	156	415.8735	Fe II	$3d^6(^5D)4d$	$3d^6(^5D)6p$	[1]
			415.87922	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
902	416.793	28	416.78584	Fe I	$3d^7(^2H)4s$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
			416.79549	Fe I	$3d^64s^2$	$3d^7(^4F)5p$	[2]
903	417.096	120	417.09015	Fe I	$3d^7(^2P)4s$	$3d^7(^4P)4p$	[2]
			417.10404	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)5d$	[2]
904	417.201	103	417.1899	Fe I	$3d^7(^2D_2)4s$	$3d^7(^2G)4p$	[2]
			417.20391	Fe I			[2]
			417.21219	Fe I	$3d^7(^2D_2)4s$	$3d^7(^2P)4p$	[2]
905	417.271	335	417.2573	Fe I	$3d^7(^2H)4s$	$3d^7(^2G)4p$	[2]
			417.26405	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			417.27445	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			417.2856	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
906	417.33	34	417.3181	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			417.33147	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			417.33148	Fe I	$3d^7(^4P)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
907	418.169	1445	418.15497	Fe I	$3d^7(^2D_2)4s$	$3d^7(^2P)4p$	[2]
			418.17544	Fe I	$3d^7(^4P)4s$	$3d^7(^4P)4p$	[2]
908	418.239	65	418.2269	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			418.23823	Fe I	$3d^7(^2P)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
909	418.484	242	418.4815	Fe II	$3d^6(^3F_1)4p$	$3d^6(^5D)6d$	[1]
			418.48915	Fe I	$3d^7(^4P)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
910	419.824	2169	419.82466	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			419.83041	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
			419.8355	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
911	420.091	55	420.0779	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			420.09239	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
912	420.394	218	420.3938	Fe I	$3d^64s^2$	$3d^7(^2H)4p$	[2]
			420.39845	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
913	421.035	488	421.02324	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			421.03433	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
			421.0383	Fe I	$3d^7(^2P)4s$	$3d^7(^4P)4p$	[2]
914	421.547	65	421.5423	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			421.5477	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
915	421.931	668	421.93601	Fe I	$3d^7(^2H)4s$	$3d^7(^2H)4p$	[2]
			421.94141	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
916	422.42	242	422.417129	Fe II	$3d^6(^3F1)4p$	$3d^6(^5D)6d$	[1]
			422.41714	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
917	422.594	280	422.59554	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			422.60787	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)7s$	[1]
			422.60787	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
918	422.641	52	422.63426	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			422.64237	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
919	423.525	63	423.5387	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			423.5387	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
920	423.595	6068	423.5817	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			423.59367	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
921	423.979	167	423.97321	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			423.98474	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
922	424.06	23	424.04893	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			424.064	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)6d$	[1]
			424.06938	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
923	424.269	22	424.25957	Fe I	$3d^7(^2G)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			424.27291	Fe I	$3d^7(^2D2)4s$	$3d^7(^2P)4p$	[2]
924	424.525	113	424.52569	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			424.53441	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
925	424.606	30	424.60125	Fe I	$3d^7(^2D2)4s$	$3d^7(^2P)4p$	[2]
			424.60847	Fe I	$3d^64s^2$	$3d^7(^2D2)4p$	[2]
926	425.013	3654	424.9993	Fe II	$3d^6(^5D)4d$	$3d^6(^5D)6p$	[1]
			425.01192	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
			425.0191	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
927	425.083	5092	425.07866	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			425.08915	Fe I	$3d^7(^2P)4s$	$3d^5(^6S)4s^24p$	[2]
928	425.629	50	425.6205	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			425.6267	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)7s$	[1]
			425.6309	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
929	425.827	291	425.8155	Fe II	$3d^6(^3P2)4s$	$3d^6(^5D)4p$	[5]
			425.83156	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
930	429.415	1905	429.40374	Fe I	$3d^64s^2$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			429.41245	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
931	429.925	5437	429.9235	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
			429.9235	Fe I	$3d^7(^2H)4s$	$3d^7(^2G)4p$	[2]
932	430.934	127	430.93742	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			430.94535	Fe I	$3d^7(^2P)4s$	$3d^5(^6S)4s^24p$	[2]
933	432.581	58102	432.57616	Fe I	$3d^7(^4F)4s$	$3d^7(^4F)4p$	[2]
			432.59397	Fe I	$3d^7(^2H)4s$	$3d^7(^2G)4p$	[2]
934	434.323	48	434.32161	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)6s$	[2]
			434.3271	Fe I	$3d^7(^2D2)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
935	435.854	50	435.84989	Fe I	$3d^64s^2$	$3d^7(^4P)4p$	[2]
			435.8684	Fe I	$3d^7(^2P)4s$	$3d^7(^4P)4p$	[2]
936	437.593	35908	437.59298	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			437.59859	Fe I	$3d^7(^2G)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
937	438.925	115	438.92446	Fe II	$3d^6(^5D)5p$	$3d^6(^5D)7s$	[1]
			438.9245	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
938	439.307	196	439.3024	Fe I	$3d^7(^2P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			439.309	Fe I	$3d^7(^4F)4p$	$3d^64s(^6D)5d$	[2]
939	440.777	48	440.7657	Fe I	$3d^7(^2P)4s$	$3d^7(^4P)4p$	[2]
			440.77089	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
940	443.517	153	443.51486	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			443.52653	Fe II	$3d^6(^3F1)4p$	$3d^6(^5D)7s$	[1]
941	444.314	197	444.3194	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			444.3194	Fe I	$3d^7(^2P)4s$	$3d^7(^4P)4p$	[2]
942	444.684	45	444.68318	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			444.6896	Fe I	$3d^7(^2H)4s$	$3d^7(^2G)4p$	[2]
943	444.776	122	444.7717	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
			444.7805	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)6s$	[2]
			444.78054	Fe II	$3d^6(^3F1)4s$	$3d^6(^3D)4p$	[1]
			444.78054	Fe II	$3d^5(^4G)4s4p(^3P^o)$	$3d^6(^5D)6d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
944	446.161	8771	446.16525	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			446.17108	Fe II	$3d^6(^3P1)4s$	$3d^6(^3D)4p$	[1]
945	446.473	59	446.46872	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
			446.47662	Fe I	$3d^7(^2P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
946	447.603	952	447.60183	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
			447.60752	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
947	448.215	2974	448.21696	Fe I	$3d^6 4s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			448.22524	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
948	448.814	78	448.8081	Fe II	$3d^6(^5D)4d$	$3d^5(^2F1)4s4p(^3P^o)$	[1]
			448.81328	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
949	449.344	51	449.337	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			449.3525	Fe II	$3d^6(^3F2)4p$	$3d^6(^5D)4d$	[1]
950	449.459	311	449.44645	Fe I	$3d^6 4s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			449.45629	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
951	452.648	43	452.63986	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			452.65605	Fe I	$3d^7(^2P)4s$	$3d^7(^4P)4p$	[2]
			452.65949	Fe II	$3d^6(^1F)4s$	$3d^6(^3F2)4p$	[1]
952	452.856	1451	452.8479	Fe I	$3d^7(^4F)4p$	$3d^6 4s(^6D)7s$	[2]
			452.86139	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
953	452.959	53	452.95508	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			452.96758	Fe I			[2]
954	453.639	71	453.6486	Fe I	$3d^6 4s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			453.6535	Fe II	$3d^6(^3P1)4p$	$3d^6(^3D)5s$	[1]
955	456.533	104	456.53099	Fe I	$3d^7(^2D2)4s$	$3d^7(^4P)4p$	[2]
			456.54112	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)6s$	[2]
956	456.694	49	456.68665	Fe I	$3d^7(^4F)4p$	$3d^6 4s(^6D)5d$	[2]
			456.69882	Fe I	$3d^7(^2P)4s$	$3d^7(^2G)4p$	[2]
957	456.89	62	456.87629	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
			456.88389	Fe I	$3d^6 4s^2$	$3d^7(^2D2)4p$	[2]
958	458.479	53	458.4716	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			458.48189	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
959	459.652	72	459.64152	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			459.65745	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
960	459.825	96	459.81168	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
			459.8367	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
961	460.779	74	460.7647	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			460.7647	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
962	461.377	66	461.3903	Fe I	$3d^6(^5D)4s4p(^1P^o)$		[2]
963	461.4	74	461.3903	Fe I	$3d^6(^5D)4s4p(^1P^o)$		[2]
964	468.204	93	468.2065	Fe II	$3d^6(^1F)4p$	$3d^6(^3H)4d$	[1]
			468.21108	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^4D)4d$	[2]
965	468.742	162	468.73026	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			468.73862	Fe I	$3d^7(^4P)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
966	469.029	56	469.0369	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			469.0369	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
967	470.104	65	470.1044	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^8$	[2]
			470.1044	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
968	470.734	219	470.72742	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
			470.74874	Fe I	$3d^7(^4P)4s$	$3d^6(^3P2)4s4p(^3P^o)$	[2]
969	470.894	918	470.89682	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
			470.90878	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
970	473.294	56	473.2928	Fe II	$3d^5(^4G)4s4p(^3P^o)$	$3d^6(^5D)7s$	[1]
			473.2928	Fe II	$3d^6(^1F)4p$	$3d^6(^3F2)4d$	[1]
971	480.28	70	480.28794	Fe I	$3d^64s^2$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
			480.28794	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
972	483.864	110	483.85115	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
			483.85511	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
973	488.908	94	488.90012	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)4p$	[2]
			488.91018	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
974	490.523	120	490.51325	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)4d$	[2]
			490.5216	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
975	491.329	73	491.3143	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)6s$	[2]
			491.3184	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			491.32951	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
976	491.897	2573	491.89535	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			491.89937	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
977	493.339	73	493.32945	Fe I	$3d^7(^2D2)4s$	$3d^7(^4P)4p$	[2]
			493.3341	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
978	493.407	77	493.40049	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			493.40836	Fe I	$3d^7(^2H)4s$	$3d^6(^3F2)4s4p(^3P^o)$	[2]
979	494.382	59	494.37023	Fe II	$3d^6(^3H)4p$	$3d^54s^2$	[1]
			494.37023	Fe II	$3d^6(^3P2)4p$	$3d^6(^5D)5s$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
980	495.758	35781	495.75965	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
			495.76793	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
981	497.866	66	497.8603	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			497.8691	Fe I	$3d^8$	$3d^6(^3G)4s4p(^3P^o)$	[2]
982	498.329	124	498.32504	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			498.3341	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)6s$	[2]
983	499.185	49	499.18	Fe I	$3d^7(^4P)4s$	$3d^6(^3P_2)4s4p(^3P^o)$	[2]
			499.1867	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
984	499.37		499.36802	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
499.3751			Fe I	$3d^8$	$3d^7(^4F)5p$	[2]	
985	500.191	622	500.18633	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			500.19529	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
986	500.226	102	500.2175	Fe II	$3d^5(^4G)4s4p(^3P^o)$	$3d^54s(^5S)4d$	[1]
			500.2386	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
987	500.411	52	500.4044	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)4d$	[2]
			500.41881	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
988	501.208	966	501.1984	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			501.20681	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			501.21576	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
989	502.156	50	502.15907	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			502.1591	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			502.16832	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
990	502.283	106	502.27888	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			502.2789	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
991	502.71	121	502.71227	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			502.7225	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
			502.7225	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
992	503.067	86	503.06317	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			503.07783	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
993	503.575	69	503.56999	Fe I			[2]
			503.56999	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
994	504.014	55	504.024	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			504.024	Fe II	$3d^6(^5D)5p$	$3d^6(^3G)4d$	[1]
995	504.175	2701	504.17557	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			504.18482	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
996	504.844	65	504.84356	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			504.8436	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
997	506.008	58	506.00341	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			506.00787	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
998	506.503	196	506.49524	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			506.50181	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			506.51057	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
999	507.263	49	507.25629	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
			507.26718	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1000	507.62	61	507.62642	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			507.6325	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1001	508.035	2564	508.0222	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
			508.03514	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
1002	509.07	92	509.07734	Fe II	$3d^6(^5D)4d$	$3d^6(^5D)6p$	[1]
			509.07736	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1003	509.703	123	509.69048	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			509.69977	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1004	509.864	119	509.85719	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
			509.86978	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^o)$	[2]
1005	510.071	92	510.06116	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			510.07339	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			510.0854	Fe II	$3d^7$	$3d^6(^3F_2)4p$	[1]
1006	510.76	1350	510.75413	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			510.76407	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1007	511.036	4555	511.03585	Fe I	$3d^7(^2H)4s$	$3d^7(^2G)4p$	[2]
			511.04128	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1008	511.3	52	511.2917	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^4D)4d$	[2]
			511.2917	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_4)4f$	[1]
			511.29992	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1009	511.84	51	511.8396	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_5)4f$	[1]
			511.849	Fe II	$3d^6(^3G)4p$	$3d^6(^5D)4d$	[1]
1010	512.735	160	512.73068	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_5)4f$	[1]
			512.7359	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1011	513.94	1523	513.92511	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]
			513.94625	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^6D)5s$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
1012	514.169	60	514.1564	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_4)4f$	[1]
			514.17387	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
1013	514.25	128	514.235	Fe II	$3d^6(^3P_1)4p$	$3d^6(^3F_2)4d$	[1]
			514.235	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_4)4f$	[1]
			514.24938	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			514.25409	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1014	514.582	76	514.57299	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			514.5822	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1015	514.8	247	514.80424	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_5)4f$	[1]
			514.80425	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1016	515.006	160	515.01967	Fe II	$3d^6(^5D)5d$	$3d^6(^3H_4)4f$	[1]
			515.01968	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
1017	515.075	112	515.0611	Fe II	$3d^6(^5D)5p$	$3d^6(^3G)4d$	[1]
			515.08392	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1018	515.19	520	515.19104	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
			515.1911	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1019	515.66	64	515.64549	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_6)4f$	[1]
			515.6517	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_4)4f$	[1]
			515.6749	Fe II	$3d^6(^5D)5p$	$3d^6(^3G)4d$	[1]
1020	516.627	1159	516.61958	Fe II	$3d^6(^3G)4d$	$3d^6(^3G_5)4f$	[1]
			516.62819	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1021	516.892	1405	516.88978	Fe I	$3d^64s^2$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			516.90282	Fe II	$3d^54s^2$	$3d^6(^5D)4p$	[1]
1022	517.168	10923	517.1596	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			517.16728	Fe I	$3d^64s^2$	$3d^6(^3H)4s4p(^3P^o)$	[2]
1023	518.422	52	518.41757	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			518.41757	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_6)4f$	[1]
			518.42657	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1024	519.491	3209	519.48884	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
			519.48884	Fe II	$3d^6(^1I)5s$	$3d^6(^3G_4)4f$	[1]
			519.49414	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1025	519.549	149	519.54718	Fe II	$3d^5(^4G)4s4p(^3P^o)$	$3d^6(^5D)7s$	[1]
			519.54719	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1026	519.606	65	519.59369	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_4)4f$	[1]
			519.60593	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
1027	519.629	54	519.63391	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_6)4f$	[1]
			519.64398	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
1028	520.238	153	520.22561	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			520.23357	Fe I	$3d^7(^4P)4s$	$3d^6(^5D)4s4p(^1P^{\circ})$	[2]
1029	521.524	249	521.51803	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^6(^5D)4s(^6D)5s$	[2]
			521.5347	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
1030	521.685	113	521.68585	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
			521.68585	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
1031	522.718	63956	522.7076	Fe II	$3d^6(^1F)4s$	$3d^6(^3F_2)4p$	[1]
			522.71503	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
			522.71891	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^{\circ})$	[2]
			522.73174	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
1032	522.982	212	522.98482	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^6(^5D)4s(^6D)5s$	[2]
			522.98739	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1033	523.291	9127	523.27809	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			523.294	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^6(^5D)4s(^6D)5s$	[2]
1034	523.544	63	523.53864	Fe I	$3d^8$	$3d^7(^2P)4p$	[2]
			523.5555	Fe II	$3d^6(^3G)4d$	$3d^6(^3G_5)4f$	[1]
1035	524.048	220	524.0355	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^3P^{\circ})$	[2]
			524.04	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_5)4f$	[1]
			524.058	Fe II	$3d^6(^1G_1)4s$	$3d^6(^1D_2)4p$	[1]
1036	524.38	55	524.37766	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			524.39227	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1037	525.125	74	525.12252	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
			525.13161	Fe II	$3d^6(^3F_2)4d$	$3d^6(^3F_2_4)4f$	[1]
1038	525.263	53	525.2692	Fe II	$3d^6(^5D_4)4f$	$3d^6(^3H)6s$	[1]
			525.2692	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_6)4f$	[1]
1039	525.343	62	525.34614	Fe I	$3d^6(^5D)4s4p(^3P^{\circ})$	$3d^6(^5D)4s(^6D)5s$	[2]
			525.35177	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1040	530.546	88	530.54221	Fe II	$3d^6(^3G)4d$	$3d^6(^3G_4)4f$	[1]
			530.54223	Fe I	$3d^64s^2$	$3d^5(^6S)4s^24p$	[2]
1041	531.059	48	531.0488	Fe II	$3d^6(^3G)4d$	$3d^6(^3G_4)4f$	[1]
			531.06301	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1042	535.334	132	535.32538	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			535.33732	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s (^4D)5s$	[2]
1043	537.58	70	537.58423	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
			537.58423	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
1044	539.135	92	539.1246	Fe I	$3d^7(^2H)4s$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			539.1246	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			539.14582	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s (^4D)5s$	[2]
1045	539.718	5505	539.71276	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			539.72019	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1046	540.061	65527	540.05018	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			540.06555	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
1047	540.198	61	540.18855	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
			540.20576	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
1048	540.415	1248	540.41168	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			540.41513	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1049	540.575	6019	540.56611	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			540.57749	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1050	541.134	89	541.13735	Fe II	$3d^6(^3F_2)4d$	$3d^6(^3P_2)4f$	[1]
			541.13735	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_1)4f$	[1]
1051	541.271	141	541.27429	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			541.2785	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1052	542.789	77	542.7818	Fe II	$3d^6(^5D)5d$	$3d^6(^3P_2)4f$	[1]
			542.7818	Fe II	$3d^54s^2$	$3d^6(^3D)4p$	[1]
1053	542.972	8554	542.96964	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			542.98391	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1054	544.567	59	544.58007	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1055	544.59	62	544.58007	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
1056	544.693	6660	544.68743	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			544.69164	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1057	545.558	2925	545.54541	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			545.56092	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1058	548.129	68	548.12427	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s (^6D)4d$	[2]
			548.12714	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
			548.14383	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s (^4D)5s$	[2]
1059	548.731	58	548.72047	Fe II	$3d^6(^3H)4d$	$3d^6(^3H_6)4f$	[1]
			548.73945	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			548.73948	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)4d$	[2]
1060	549.436	163	549.4462	Fe I	$3d^6(^3H)4d$	$3d^6(^3H_6)4f$	[2]
			549.4462	Fe II	$3d^8$	$3d^6(^3G)4s4p(^3P^o)$	[2]
1061	550.423	73	550.4122	Fe II	$3d^6(^3H)4d$	$3d^6(^3P_2)4f$	[1]
			550.4362	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
1062	550.673	359	550.67165	Fe II	$3d^6(^5D)5p$	$3d^6(^3G)4d$	[1]
			550.67788	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
1063	550.855	76	550.8408	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^4D)4d$	[2]
			550.8544	Fe II	$3d^5(^4G)4s4p(^3P^o)$	$3d^6(^3G)4d$	[1]
1064	550.945	74	550.9381	Fe II	$3d^5(^4G)4s4p(^3P^o)$	$3d^6(^3G)4d$	[1]
			550.9442	Fe II	$3d^6(^3F_1)4s$	$3d^6(^1G_2)4p$	[1]
1065	552.907	52	552.90523	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
			552.91598	Fe I	$3d^64s^2$	$3d^7(^2G)4p$	[2]
1066	553.858	110	553.8516	Fe I	$3d^64s^2$	$3d^6(^3G)4s4p(^3P^o)$	[2]
			553.8516	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
1067	556.336	91	556.32955	Fe II	$3d^6(^3F_1)4p$	$3d^6(^3G)4d$	[1]
			556.33876	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_2)4f$	[1]
1068	556.359	95	556.35999	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)5s$	[2]
			556.36946	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
1069	556.382	78	556.36946	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
1070	559.464	51	559.4561	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_3)4f$	[1]
			559.46549	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1071	560.021	54	560.0099	Fe I	$3d^8$	$3d^7(^4F_{9/2})4f$	[2]
			560.02238	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
1072	564.138	66	564.14336	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)5s$	[2]
			564.14909	Fe I	$3d^64s^2$	$3d^6(^3F_2)4s4p(^3P^o)$	[2]
1073	565.553	105	565.549	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^6(^5D)4s(^4D)4d$	[2]
			565.549	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
1074	565.949	62	565.95743	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^4D)4d$	[2]
1075	565.972	53	565.95743	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^4D)4d$	[2]
1076	566.741	219	566.746	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^4D)4d$	[2]
			566.75176	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
1077	569.847	58	569.83645	Fe I	$3d^64s^2$	$3d^7(^2P)4p$	[2]
			569.8562	Fe II	$3d^6(^5D)5p$	$3d^6(^3G)4d$	[1]
1078	572.113	55	572.10312	Fe II	$3d^6(^5D)5p$	$3d^6(^3G)4d$	[1]

No.	Wavelength (nm)	Intensity (a.u.)	Wavelength (nm), Ref.	Type	Lower energy level	Higher energy level	Reference
			572.1122	Fe II	$3d^6(^5D)5p$	$3d^54s(^7S)5s$	[1]
1079	572.169	202	572.1707	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
			572.1707	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
1080	576.062	515	576.0531	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
			576.0693	Fe I	$3d^7(^2H)4s$	$3d^6(^3H)4s4p(^3P^o)$	[2]
			576.0693	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
1081	576.298	204	576.2838	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^4D)5s$	[2]
			576.29918	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^6(^5D)4s(^4D)5s$	[2]
1082	578.162	231	578.1494	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)4d$	[2]
			578.1562	Fe II	$3d^6(^3F2)4d$	$3d^6(^3P2_2)4f$	[1]
1083	580.672	85	580.6626	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^6D)5d$	[2]
			580.67245	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1084	581.292	150	581.30485	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F2)4p$	[1]
1085	581.315	55	581.30485	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F2)4p$	[1]
1086	581.563	53	581.5514	Fe I	$3d^64s^2$	$3d^6(^5D)4s(^6D)5p$	[2]
			581.5628	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^6D)5d$	[2]
1087	587.934	118	587.9487	Fe I	$3d^6(^5S)4s^24p$	$3d^64s(^6D)5d$	[2]
			587.9487	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)4d$	[2]
1088	589.837	174	589.851	Fe I	$3d^6(^5S)4s^24p$	$3d^64s(^6D)5d$	[2]
			589.851	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)6s$	[2]
1089	591.414	128	591.41117	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			591.42009	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
1090	591.615	60	591.604	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^64s(^6D)5d$	[2]
			591.6247	Fe I	$3d^64s^2$	$3d^7(^4F)4p$	[2]
1091	593.023	124	593.01795	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]
			593.03547	Fe II	$3d^6(^3F1)4s$	$3d^6(^3F2)4p$	[1]
1092	595.275	110	595.2718	Fe I	$3d^6(^5D)4s4p(^3P^o)$	$3d^7(^4F)5s$	[2]
			595.2885	Fe I	$3d^7(^4F)4p$	$3d^6(^5D)4s(^6D)4d$	[2]
1093	595.832	69	595.8228	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)4d$	[2]
			595.8228	Fe I	$3d^7(^4F)4s$	$3d^6(^5D)4s4p(^3P^o)$	[2]
			595.83328	Fe I	$3d^7(^4P)4s$	$3d^7(^4F)4p$	[2]
1094	596.166	3317	596.1524	Fe I	$3d^8$	$3d^6(^3D)4s4p(^3P^o)$	[2]
			596.17058	Fe II	$3d^6(^5D)4d$	$3d^6(^5D_4)4f$	[1]
1095	599.78	61	599.76745	Fe I	$3d^6(^5D)4s4p(^1P^o)$	$3d^7(^4F)6s$	[2]
			599.77773	Fe II	$3d^6(^3F2)4d$	$3d^6(^3H_4)4f$	[1]
			599.77774	Fe I	$3d^7(^4F)4p$	$3d^7(^4F)4d$	[2]

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