

		144	5720		12.05	13.50
		149	5745		13.34	15.50
		153	5765		13.40	15.50
		157	5785		13.43	15.50
		161	5805		13.38	15.50
		165	5825		13.34	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.29	14.00
		46	5230		13.37	14.00
	U-NII-2A	54	5270		13.18	14.00
		62	5310		13.11	14.00
	U-NII-2C	102	5510		12.27	13.50
		110	5550		12.04	13.50
		118	5590		12.12	13.50
		126	5630		12.09	13.50
		134	5670		12.23	13.50
		142	5710		12.75	13.50
		151	5755		14.33	15.50
		159	5795		14.07	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	12.31	14.00
		40	5200		12.52	14.00
		44	5220		12.61	14.00
		48	5240		12.56	14.00
	U-NII-2A	52	5260		12.44	14.00
		56	5280		12.31	14.00
		60	5300		12.22	14.00
		64	5320		12.44	14.00
	U-NII-2C	100	5500		11.60	13.50
		104	5520		11.52	13.50
		108	5540		11.30	13.50
		112	5560		11.24	13.50
		116	5580		11.30	13.50
		120	5600		11.38	13.50
		124	5620		11.42	13.50
		128	5640		11.37	13.50
		132	5660		11.44	13.50
		136	5680		11.47	13.50
		140	5700		11.38	13.50
		144	5720		12.01	13.50
	U-NII-3	149	5745		13.39	15.50
		153	5765		13.38	15.50
		157	5785		13.40	15.50
		161	5805		13.38	15.50
		165	5825		13.36	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	13.18	14.00

802.11ac 40M	U-NII-2A	46	5230		13.38	14.00
		54	5270		13.15	14.00
		62	5310		13.08	14.00
	U-NII-2C	102	5510		12.34	13.50
		110	5550		12.02	13.50
		118	5590		12.04	13.50
		126	5630		12.09	13.50
		134	5670		12.26	13.50
		142	5710		12.79	13.50
		151	5755		14.30	15.50
		159	5795		14.11	15.50
	U-NII-3					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.95	13.00
	U-NII-2A	58	5290		12.48	13.00
	U-NII-2C	106	5530		12.76	13.50
		122	5610		12.75	13.50
	U-NII-3	155	5775		14.68	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	13.19	14.00
	U-NII-2C	114	5570		12.11	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	12.53	14.00
		40	5200		12.75	14.00
		44	5220		12.86	14.00
		48	5240		12.81	14.00
	U-NII-2A	52	5260		12.63	14.00
		56	5280		12.54	14.00
		60	5300		12.44	14.00
		64	5320		12.67	14.00
	U-NII-2C	100	5500		11.91	13.50
		104	5520		11.72	13.50
		108	5540		11.62	13.50
		112	5560		11.42	13.50
		116	5580		11.52	13.50
		120	5600		11.62	13.50
		124	5620		11.67	13.50
		128	5640		11.67	13.50
		132	5660		11.74	13.50
		136	5680		11.61	13.50
		140	5700		11.74	13.50
		144	5720		12.30	13.50
	U-NII-3	149	5745		13.61	15.50
		153	5765		13.62	15.50
		157	5785		13.62	15.50
		161	5805		13.67	15.50
		165	5825		13.62	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax-40	U-NII-1	38	5190	MCS0	12.87	14.00
		46	5230		13.12	14.00
	U-NII-2A	54	5270		12.88	14.00
		62	5310		12.85	14.00
	U-NII-2C	102	5510		12.02	13.50
		110	5550		11.75	13.50
		118	5590		11.78	13.50
		126	5630		11.82	13.50
		134	5670		11.94	13.50
		142	5710		12.54	13.50
	U-NII-3	151	5755		14.08	15.50
		159	5795		13.86	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	13.00	13.00
	U-NII-2A	58	5290		12.43	13.00
	U-NII-2C	106	5530		12.80	13.50
		122	5610		12.72	13.50
	U-NII-3	155	5775		14.67	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	13.22	14.00
	U-NII-2C	114	5570		12.05	13.50

WIFI 5G Ant 23 Receiver on Simultaneous transmission WWAN+WLAN2.4G/5G/2.4G+5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	8.18	9.00
		40	5200		8.12	9.00
		44	5220		8.10	9.00
		48	5240		8.20	9.00
	U-NII-2A	52	5260		8.10	9.00
		56	5280		7.93	9.00
		60	5300		7.91	9.00
		64	5320		7.74	9.00
	U-NII-2C	100	5500		6.59	8.50
		104	5520		6.65	8.50
		108	5540		6.62	8.50
		112	5560		6.80	8.50
		116	5580		7.06	8.50
		120	5600		7.07	8.50
		124	5620		7.05	8.50
		128	5640		6.98	8.50
		132	5660		7.15	8.50
		136	5680		6.95	8.50
		140	5700		7.13	8.50
		144	5720		8.18	8.50
	U-NII-3	149	5745		9.28	10.50
		153	5765		9.37	10.50
		157	5785		9.47	10.50
		161	5805		9.62	10.50
		165	5825		9.49	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	7.91	9.00
		40	5200		7.75	9.00
		44	5220		7.79	9.00
		48	5240		7.74	9.00
	U-NII-2A	52	5260		7.65	9.00
		56	5280		7.51	9.00
		60	5300		7.53	9.00
		64	5320		7.30	9.00
	U-NII-2C	100	5500		6.25	8.50
		104	5520		6.28	8.50
		108	5540		6.25	8.50
		112	5560		6.45	8.50
		116	5580		6.77	8.50
		120	5600		6.71	8.50
		124	5620		6.74	8.50
		128	5640		6.70	8.50
		132	5660		6.73	8.50
		136	5680		6.64	8.50
		140	5700		6.73	8.50

		144	5720		7.73	8.50
		149	5745		8.99	10.50
		153	5765		9.10	10.50
		157	5785		9.10	10.50
		161	5805		9.22	10.50
		165	5825		9.08	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.66	9.00
		46	5230		8.54	9.00
	U-NII-2A	54	5270		8.43	9.00
		62	5310		8.16	9.00
	U-NII-2C	102	5510		6.97	8.50
		110	5550		7.25	8.50
		118	5590		7.43	8.50
		126	5630		7.28	8.50
		134	5670		7.35	8.50
		142	5710		8.37	8.50
	U-NII-3	151	5755		9.85	10.50
		159	5795		9.97	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	7.78	9.00
		40	5200		7.81	9.00
		44	5220		7.68	9.00
		48	5240		7.86	9.00
	U-NII-2A	52	5260		7.67	9.00
		56	5280		7.55	9.00
		60	5300		7.49	9.00
		64	5320		7.31	9.00
	U-NII-2C	100	5500		6.31	8.50
		104	5520		6.26	8.50
		108	5540		6.32	8.50
		112	5560		6.43	8.50
		116	5580		6.68	8.50
		120	5600		6.83	8.50
		124	5620		6.67	8.50
		128	5640		6.62	8.50
		132	5660		6.63	8.50
		136	5680		6.64	8.50
		140	5700		6.80	8.50
		144	5720		7.74	8.50
	U-NII-3	149	5745		9.04	10.50
		153	5765		9.01	10.50
		157	5785		9.01	10.50
		161	5805		9.20	10.50
		165	5825		9.07	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	8.61	9.00

802.11ac 40M	U-NII-2A	46	5230		8.52	9.00
		54	5270		8.44	9.00
		62	5310		8.21	9.00
	U-NII-2C	102	5510		7.03	8.50
		110	5550		7.40	8.50
		118	5590		7.48	8.50
		126	5630		7.38	8.50
		134	5670		7.50	8.50
		142	5710		8.43	8.50
	U-NII-3	151	5755		9.86	10.50
		159	5795		9.90	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.93	9.00
	U-NII-2A	58	5290		8.91	9.00
	U-NII-2C	106	5530		7.70	8.50
		122	5610		8.12	8.50
	U-NII-3	155	5775		10.38	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.47	9.00
	U-NII-2C	114	5570		7.52	8.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	8.03	9.00
		40	5200		8.07	9.00
		44	5220		7.95	9.00
		48	5240		8.09	9.00
	U-NII-2A	52	5260		7.81	9.00
		56	5280		7.79	9.00
		60	5300		7.74	9.00
		64	5320		7.59	9.00
	U-NII-2C	100	5500		6.59	8.50
		104	5520		6.54	8.50
		108	5540		6.65	8.50
		112	5560		6.65	8.50
		116	5580		6.94	8.50
		120	5600		6.93	8.50
		124	5620		6.96	8.50
		128	5640		6.89	8.50
		132	5660		6.93	8.50
		136	5680		6.96	8.50
		140	5700		7.09	8.50
		144	5720		8.04	8.50
	U-NII-3	149	5745		9.30	10.50
		153	5765		9.32	10.50
		157	5785		9.39	10.50
		161	5805		9.43	10.50
		165	5825		9.40	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 40M	U-NII-1	38	5190	MCS0	8.18	9.00
		46	5230		8.15	9.00
	U-NII-2A	54	5270		8.14	9.00
		62	5310		7.89	9.00
	U-NII-2C	102	5510		6.62	8.50
		110	5550		6.92	8.50
		118	5590		7.20	8.50
		126	5630		7.11	8.50
		134	5670		7.16	8.50
		142	5710		8.08	8.50
	U-NII-3	151	5755		9.53	10.50
		159	5795		9.54	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	8.92	9.00
	U-NII-2A	58	5290		8.88	9.00
	U-NII-2C	106	5530		7.70	8.50
		122	5610		8.02	8.50
	U-NII-3	155	5775		10.38	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.44	9.00
	U-NII-2C	114	5570		7.56	8.50

WIFI 5G Ant 21 Receiver on Simultaneous transmission WWAN+WLAN2.4G/5G/2.4G+5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	7.03	9.00
		40	5200		7.48	9.00
		44	5220		7.70	9.00
		48	5240		7.41	9.00
	U-NII-2A	52	5260		7.31	9.00
		56	5280		7.26	9.00
		60	5300		7.25	9.00
		64	5320		7.87	9.00
	U-NII-2C	100	5500		7.21	8.50
		104	5520		7.36	8.50
		108	5540		7.13	8.50
		112	5560		6.78	8.50
		116	5580		6.58	8.50
		120	5600		6.72	8.50
		124	5620		6.45	8.50
		128	5640		6.51	8.50
		132	5660		6.50	8.50
		136	5680		6.26	8.50
		140	5700		6.05	8.50
		144	5720		6.27	8.50
	U-NII-3	149	5745		7.88	10.50
		153	5765		7.93	10.50
		157	5785		7.66	10.50
		161	5805		7.50	10.50
		165	5825		7.51	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	6.72	9.00
		40	5200		7.16	9.00
		44	5220		7.39	9.00
		48	5240		7.12	9.00
	U-NII-2A	52	5260		7.06	9.00
		56	5280		6.92	9.00
		60	5300		6.90	9.00
		64	5320		7.57	9.00
	U-NII-2C	100	5500		6.97	8.50
		104	5520		7.13	8.50
		108	5540		6.79	8.50
		112	5560		6.46	8.50
		116	5580		6.24	8.50
		120	5600		6.41	8.50
		124	5620		6.17	8.50
		128	5640		6.19	8.50
		132	5660		6.24	8.50
		136	5680		5.99	8.50
		140	5700		5.82	8.50

		144	5720		6.00	8.50
		149	5745		7.64	10.50
		153	5765		7.63	10.50
	U-NII-3	157	5785		7.34	10.50
		161	5805		7.26	10.50
		165	5825		7.19	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	7.67	9.00
		46	5230		7.96	9.00
	U-NII-2A	54	5270		7.75	9.00
		62	5310		8.11	9.00
	U-NII-2C	102	5510		7.92	8.50
		110	5550		7.28	8.50
		118	5590		7.04	8.50
		126	5630		6.86	8.50
		134	5670		6.71	8.50
		142	5710		6.69	8.50
	U-NII-3	151	5755		8.57	10.50
		159	5795		7.92	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	6.70	9.00
		40	5200		7.18	9.00
		44	5220		7.35	9.00
		48	5240		7.11	9.00
	U-NII-2A	52	5260		7.03	9.00
		56	5280		6.97	9.00
		60	5300		6.84	9.00
		64	5320		7.51	9.00
	U-NII-2C	100	5500		7.01	8.50
		104	5520		7.17	8.50
		108	5540		6.76	8.50
		112	5560		6.44	8.50
		116	5580		6.26	8.50
		120	5600		6.41	8.50
		124	5620		6.18	8.50
		128	5640		6.17	8.50
		132	5660		6.19	8.50
		136	5680		5.94	8.50
		140	5700		5.76	8.50
		144	5720		6.00	8.50
	U-NII-3	149	5745		7.58	10.50
		153	5765		7.69	10.50
		157	5785		7.36	10.50
		161	5805		7.32	10.50
		165	5825		7.21	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	7.64	9.00

802.11ac 40M	U-NII-2A	46	5230		7.92	9.00
		54	5270		7.75	9.00
		62	5310		8.08	9.00
	U-NII-2C	102	5510		7.86	8.50
		110	5550		7.25	8.50
		118	5590		7.06	8.50
		126	5630		6.86	8.50
		134	5670		6.72	8.50
		142	5710		6.72	8.50
	U-NII-3	151	5755		8.53	10.50
		159	5795		7.95	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.90	9.00
	U-NII-2A	58	5290		8.18	9.00
	U-NII-2C	106	5530		7.41	8.50
		122	5610		7.25	8.50
	U-NII-3	155	5775		8.82	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.02	9.00
	U-NII-2C	114	5570		6.94	8.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	6.86	9.00
		40	5200		7.33	9.00
		44	5220		7.53	9.00
		48	5240		7.34	9.00
	U-NII-2A	52	5260		7.23	9.00
		56	5280		7.15	9.00
		60	5300		7.00	9.00
		64	5320		7.72	9.00
	U-NII-2C	100	5500		7.23	8.50
		104	5520		7.39	8.50
		108	5540		7.00	8.50
		112	5560		6.69	8.50
		116	5580		6.48	8.50
		120	5600		6.65	8.50
		124	5620		6.36	8.50
		128	5640		6.32	8.50
		132	5660		6.38	8.50
		136	5680		6.14	8.50
		140	5700		6.00	8.50
		144	5720		6.22	8.50
	U-NII-3	149	5745		7.82	10.50
		153	5765		7.93	10.50
		157	5785		7.61	10.50
		161	5805		7.55	10.50
		165	5825		7.40	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 40M	U-NII-1	38	5190	MCS0	7.42	9.00
		46	5230		7.67	9.00
	U-NII-2A	54	5270		7.48	9.00
		62	5310		7.81	9.00
	U-NII-2C	102	5510		7.63	8.50
		110	5550		7.05	8.50
		118	5590		6.84	8.50
		126	5630		6.61	8.50
		134	5670		6.52	8.50
		142	5710		6.51	8.50
		151	5755		8.35	10.50
	U-NII-3	159	5795		7.73	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	8.93	9.00
	U-NII-2A	58	5290		8.20	9.00
	U-NII-2C	106	5530		7.34	8.50
		122	5610		7.31	8.50
	U-NII-3	155	5775		8.77	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.03	9.00
	U-NII-2C	114	5570		6.97	8.50

WIFI 5G MIMO Receiver on Simultaneous transmission WWAN+WLAN2.4G/5G/2.4G+5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	10.70	12.00
		40	5200		10.79	12.00
		44	5220		10.92	12.00
		48	5240		10.81	12.00
	U-NII-2A	52	5260		10.72	12.00
		56	5280		10.61	12.00
		60	5300		10.60	12.00
		64	5320		10.81	12.00
	U-NII-2C	100	5500		9.87	11.50
		104	5520		10.02	11.50
		108	5540		9.92	11.50
		112	5560		9.85	11.50
		116	5580		9.79	11.50
		120	5600		9.86	11.50
		124	5620		9.73	11.50
		128	5640		9.80	11.50
		132	5660		9.88	11.50
		136	5680		9.59	11.50
		140	5700		9.65	11.50
		144	5720		10.32	11.50
	U-NII-3	149	5745		11.67	13.50
		153	5765		11.70	13.50
		157	5785		11.67	13.50
		161	5805		11.67	13.50
		165	5825		11.64	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.40	12.00
		40	5200		10.52	12.00
		44	5220		10.55	12.00
		48	5240		10.51	12.00
	U-NII-2A	52	5260		10.38	12.00
		56	5280		10.22	12.00
		60	5300		10.24	12.00
		64	5320		10.48	12.00
	U-NII-2C	100	5500		9.63	11.50
		104	5520		9.72	11.50
		108	5540		9.51	11.50
		112	5560		9.52	11.50
		116	5580		9.51	11.50
		120	5600		9.60	11.50
		124	5620		9.48	11.50
		128	5640		9.49	11.50
		132	5660		9.51	11.50
		136	5680		9.36	11.50
		140	5700		9.32	11.50

		144	5720		9.97	11.50
		149	5745		11.40	13.50
		153	5765		11.39	13.50
		157	5785		11.36	13.50
		161	5805		11.38	13.50
		165	5825		11.24	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.19	12.00
		46	5230		11.23	12.00
	U-NII-2A	54	5270		11.11	12.00
		62	5310		11.13	12.00
	U-NII-2C	102	5510		10.48	11.50
		110	5550		10.25	11.50
		118	5590		10.24	11.50
		126	5630		10.10	11.50
		134	5670		10.10	11.50
		142	5710		10.63	11.50
		151	5755		12.29	13.50
	U-NII-3	159	5795		12.12	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	10.27	12.00
		40	5200		10.49	12.00
		44	5220		10.50	12.00
		48	5240		10.50	12.00
	U-NII-2A	52	5260		10.37	12.00
		56	5280		10.28	12.00
		60	5300		10.20	12.00
		64	5320		10.40	12.00
	U-NII-2C	100	5500		9.72	11.50
		104	5520		9.74	11.50
		108	5540		9.52	11.50
		112	5560		9.45	11.50
		116	5580		9.52	11.50
		120	5600		9.60	11.50
		124	5620		9.44	11.50
		128	5640		9.42	11.50
		132	5660		9.45	11.50
		136	5680		9.36	11.50
		140	5700		9.31	11.50
		144	5720		9.95	11.50
	U-NII-3	149	5745		11.39	13.50
		153	5765		11.43	13.50
		157	5785		11.27	13.50
		161	5805		11.42	13.50
		165	5825		11.22	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	11.19	12.00

802.11ac 40M	U-NII-2A	46	5230		11.26	12.00
		54	5270		11.13	12.00
		62	5310		11.14	12.00
	U-NII-2C	102	5510		10.53	11.50
		110	5550		10.33	11.50
		118	5590		10.26	11.50
		126	5630		10.15	11.50
		134	5670		10.15	11.50
		142	5710		10.65	11.50
	U-NII-3	151	5755		12.30	13.50
		159	5795		12.06	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.91	12.00
	U-NII-2A	58	5290		11.63	12.00
	U-NII-2C	106	5530		10.58	11.50
		122	5610		10.72	11.50
	U-NII-3	155	5775		12.66	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.29	12.00
	U-NII-2C	114	5570		10.23	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	10.53	12.00
		40	5200		10.75	12.00
		44	5220		10.78	12.00
		48	5240		10.78	12.00
	U-NII-2A	52	5260		10.50	12.00
		56	5280		10.50	12.00
		60	5300		10.40	12.00
		64	5320		10.67	12.00
	U-NII-2C	100	5500		9.93	11.50
		104	5520		9.99	11.50
		108	5540		9.82	11.50
		112	5560		9.66	11.50
		116	5580		9.71	11.50
		120	5600		9.77	11.50
		124	5620		9.69	11.50
		128	5640		9.63	11.50
		132	5660		9.71	11.50
		136	5680		9.54	11.50
		140	5700		9.58	11.50
		144	5720		10.29	11.50
	U-NII-3	149	5745		11.66	13.50
		153	5765		11.69	13.50
		157	5785		11.55	13.50
		161	5805		11.61	13.50
		165	5825		11.51	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax-40	U-NII-1	38	5190	MCS0	10.84	12.00
		46	5230		10.94	12.00
	U-NII-2A	54	5270		10.79	12.00
		62	5310		10.92	12.00
	U-NII-2C	102	5510		10.19	11.50
		110	5550		9.95	11.50
		118	5590		10.00	11.50
		126	5630		9.89	11.50
		134	5670		9.88	11.50
		142	5710		10.38	11.50
	U-NII-3	151	5755		12.00	13.50
		159	5795		11.70	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.90	12.00
	U-NII-2A	58	5290		11.52	12.00
	U-NII-2C	106	5530		10.55	11.50
		122	5610		10.72	11.50
	U-NII-3	155	5775		12.63	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.21	12.00
	U-NII-2C	114	5570		10.30	11.50

WIFI 5G Ant 23 Receiver off Standalone						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.72	14.50
		40	5200		14.76	15.50
		44	5220		14.76	15.50
		48	5240		14.63	15.50
	U-NII-2A	52	5260		14.77	15.50
		56	5280		14.56	15.50
		60	5300		14.59	15.50
		64	5320		13.46	14.50
	U-NII-2C	100	5500		12.72	14.50
		104	5520		13.78	15.50
		108	5540		13.87	15.50
		112	5560		13.93	15.50
		116	5580		14.09	15.50
		120	5600		14.02	15.50
		124	5620		14.05	15.50
		128	5640		13.90	15.50
		132	5660		13.92	15.50
		136	5680		14.07	15.50
		140	5700		13.39	14.50
		144	5720		14.27	14.50
	U-NII-3	149	5745		14.37	15.50
		153	5765		14.53	15.50
		157	5785		14.50	15.50
		161	5805		14.49	15.50
		165	5825		14.53	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.85	14.00
		40	5200		14.48	15.50
		44	5220		14.44	15.50
		48	5240		14.37	15.50
	U-NII-2A	52	5260		14.50	15.50
		56	5280		14.33	15.50
		60	5300		14.31	15.50
		64	5320		11.68	13.00
	U-NII-2C	100	5500		10.72	13.00
		104	5520		13.46	15.50
		108	5540		13.55	15.50
		112	5560		13.63	15.50
		116	5580		13.76	15.50
		120	5600		13.72	15.50
		124	5620		13.74	15.50
		128	5640		13.64	15.50
		132	5660		13.66	15.50
		136	5680		13.77	15.50
		140	5700		11.66	13.00

		144	5720		12.39	13.00
		149	5745		14.15	15.50
		153	5765		14.27	15.50
		157	5785		14.21	15.50
		161	5805		14.24	15.50
		165	5825		14.17	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.12	11.50
		46	5230		15.03	15.50
	U-NII-2A	54	5270		15.01	15.50
		62	5310		10.70	11.50
	U-NII-2C	102	5510		10.59	12.00
		110	5550		14.40	15.50
		118	5590		14.46	15.50
		126	5630		14.33	15.50
		134	5670		10.80	12.00
		142	5710		11.91	12.00
	U-NII-3	151	5755		14.86	15.50
		159	5795		14.84	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	11.86	13.00
		40	5200		14.51	15.50
		44	5220		14.42	15.50
		48	5240		14.37	15.50
	U-NII-2A	52	5260		14.56	15.50
		56	5280		14.36	15.50
		60	5300		14.37	15.50
		64	5320		11.69	13.00
	U-NII-2C	100	5500		10.65	13.00
		104	5520		13.53	15.50
		108	5540		13.58	15.50
		112	5560		13.58	15.50
		116	5580		13.70	15.50
		120	5600		13.71	15.50
		124	5620		13.75	15.50
		128	5640		13.61	15.50
		132	5660		13.60	15.50
		136	5680		13.71	15.50
		140	5700		11.61	13.00
		144	5720		12.40	13.00
	U-NII-3	149	5745		14.19	15.50
		153	5765		14.26	15.50
		157	5785		14.24	15.50
		161	5805		14.29	15.50
		165	5825		14.16	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	11.11	11.50

802.11ac 40M	U-NII-2A	46	5230		15.02	15.50
		54	5270		15.05	15.50
		62	5310		10.68	11.50
	U-NII-2C	102	5510		11.60	13.00
		110	5550		14.35	15.50
		118	5590		14.40	15.50
		126	5630		14.26	15.50
		134	5670		11.73	13.00
		142	5710		11.89	13.00
	U-NII-3	151	5755		14.87	15.50
		159	5795		14.84	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.98	10.00
	U-NII-2A	58	5290		9.89	10.00
	U-NII-2C	106	5530		10.25	11.00
		122	5610		10.50	11.00
	U-NII-3	155	5775		15.16	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	10.52	11.00
	U-NII-2C	114	5570		10.06	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	12.08	13.00
		40	5200		14.67	15.50
		44	5220		14.59	15.50
		48	5240		14.53	15.50
	U-NII-2A	52	5260		14.71	15.50
		56	5280		14.52	15.50
		60	5300		14.54	15.50
		64	5320		11.86	13.00
	U-NII-2C	100	5500		10.80	13.00
		104	5520		13.69	15.50
		108	5540		13.77	15.50
		112	5560		13.76	15.50
		116	5580		13.89	15.50
		120	5600		13.88	15.50
		124	5620		13.95	15.50
		128	5640		13.78	15.50
		132	5660		13.77	15.50
		136	5680		13.90	15.50
		140	5700		11.78	13.00
		144	5720		12.60	13.00
	U-NII-3	149	5745		14.34	15.50
		153	5765		14.46	15.50
		157	5785		14.41	15.50
		161	5805		14.45	15.50
		165	5825		14.35	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 40M	U-NII-1	38	5190	MCS0	10.83	11.50
		46	5230		14.79	15.50
	U-NII-2A	54	5270		14.75	15.50
		62	5310		10.34	11.50
	U-NII-2C	102	5510		10.16	12.00
		110	5550		11.03	12.50
		118	5590		11.09	12.50
		126	5630		11.10	12.50
		134	5670		10.62	12.00
		142	5710		11.70	12.00
	U-NII-3	151	5755		14.51	15.50
		159	5795		14.56	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.94	10.00
	U-NII-2A	58	5290		9.89	10.00
	U-NII-2C	106	5530		10.20	11.00
		122	5610		10.53	11.00
	U-NII-3	155	5775		15.13	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	10.47	11.00
	U-NII-2C	114	5570		10.02	11.00

WIFI 5G Ant 21 Receiver off Standalone						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.81	14.50
		40	5200		14.23	15.50
		44	5220		14.46	15.50
		48	5240		14.18	15.50
	U-NII-2A	52	5260		14.02	15.50
		56	5280		14.03	15.50
		60	5300		13.96	15.50
		64	5320		13.40	14.50
	U-NII-2C	100	5500		13.68	14.50
		104	5520		14.18	15.50
		108	5540		13.85	15.50
		112	5560		13.60	15.50
		116	5580		13.34	15.50
		120	5600		13.51	15.50
		124	5620		13.50	15.50
		128	5640		13.55	15.50
		132	5660		13.54	15.50
		136	5680		13.42	15.50
		140	5700		12.36	14.50
		144	5720		12.40	14.50
	U-NII-3	149	5745		12.82	15.50
		153	5765		12.76	15.50
		157	5785		12.51	15.50
		161	5805		12.43	15.50
		165	5825		12.58	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	11.89	14.00
		40	5200		13.83	15.50
		44	5220		14.08	15.50
		48	5240		13.88	15.50
	U-NII-2A	52	5260		13.76	15.50
		56	5280		13.74	15.50
		60	5300		13.67	15.50
		64	5320		11.49	13.00
	U-NII-2C	100	5500		11.77	13.00
		104	5520		13.91	15.50
		108	5540		13.62	15.50
		112	5560		13.30	15.50
		116	5580		13.10	15.50
		120	5600		13.25	15.50
		124	5620		13.32	15.50
		128	5640		13.30	15.50
		132	5660		13.32	15.50
		136	5680		13.27	15.50
		140	5700		10.58	13.00

		144	5720		10.71	13.00
		149	5745		13.08	15.50
		153	5765		12.55	15.50
		157	5785		12.30	15.50
		161	5805		12.25	15.50
		165	5825		12.32	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	10.40	11.50
		46	5230		14.44	15.50
	U-NII-2A	54	5270		14.64	15.50
		62	5310		10.66	11.50
	U-NII-2C	102	5510		11.23	12.00
		110	5550		14.21	15.50
		118	5590		13.98	15.50
		126	5630		14.04	15.50
		134	5670		10.62	12.00
		142	5710		10.72	12.00
	U-NII-3	151	5755		13.54	15.50
		159	5795		12.95	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	10.86	13.00
		40	5200		13.80	15.50
		44	5220		14.08	15.50
		48	5240		13.82	15.50
	U-NII-2A	52	5260		13.71	15.50
		56	5280		13.68	15.50
		60	5300		13.73	15.50
		64	5320		11.52	13.00
	U-NII-2C	100	5500		11.76	13.00
		104	5520		13.90	15.50
		108	5540		13.68	15.50
		112	5560		13.27	15.50
		116	5580		13.13	15.50
		120	5600		13.21	15.50
		124	5620		13.25	15.50
		128	5640		13.36	15.50
		132	5660		13.35	15.50
		136	5680		13.33	15.50
		140	5700		10.56	13.00
		144	5720		10.70	13.00
	U-NII-3	149	5745		13.10	15.50
		153	5765		12.55	15.50
		157	5785		12.26	15.50
		161	5805		12.27	15.50
		165	5825		12.37	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	10.35	11.50

802.11ac 40M	U-NII-2A	46	5230		14.49	15.50
		54	5270		14.67	15.50
		62	5310		10.72	11.50
	U-NII-2C	102	5510		12.28	13.00
		110	5550		14.19	15.50
		118	5590		13.94	15.50
		126	5630		14.09	15.50
		134	5670		11.58	13.00
		142	5710		11.66	13.00
	U-NII-3	151	5755		13.51	15.50
		159	5795		12.92	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.95	10.00
	U-NII-2A	58	5290		9.01	10.00
	U-NII-2C	106	5530		10.35	11.00
		122	5610		9.79	11.00
	U-NII-3	155	5775		13.62	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	9.94	11.00
	U-NII-2C	114	5570		9.16	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	11.08	13.00
		40	5200		14.00	15.50
		44	5220		14.34	15.50
		48	5240		14.04	15.50
	U-NII-2A	52	5260		13.89	15.50
		56	5280		13.86	15.50
		60	5300		13.99	15.50
		64	5320		11.72	13.00
	U-NII-2C	100	5500		11.95	13.00
		104	5520		14.16	15.50
		108	5540		13.93	15.50
		112	5560		13.52	15.50
		116	5580		13.31	15.50
		120	5600		13.38	15.50
		124	5620		13.49	15.50
		128	5640		13.58	15.50
		132	5660		13.60	15.50
		136	5680		13.54	15.50
		140	5700		10.78	13.00
		144	5720		10.89	13.00
	U-NII-3	149	5745		13.32	15.50
		153	5765		12.82	15.50
		157	5785		12.45	15.50
		161	5805		12.48	15.50
		165	5825		12.63	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 40M	U-NII-1	38	5190	MCS0	10.01	11.50
		46	5230		14.48	15.50
	U-NII-2A	54	5270		14.36	15.50
		62	5310		10.30	11.50
	U-NII-2C	102	5510		10.88	12.00
		110	5550		10.92	12.50
		118	5590		10.52	12.50
		126	5630		10.75	12.50
		134	5670		10.48	12.00
		142	5710		10.53	12.00
	U-NII-3	151	5755		13.30	15.50
		159	5795		12.58	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.98	10.00
	U-NII-2A	58	5290		9.06	10.00
	U-NII-2C	106	5530		10.28	11.00
		122	5610		9.78	11.00
	U-NII-3	155	5775		13.64	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	10.07	11.00
	U-NII-2C	114	5570		9.23	11.00

WIFI 5G MIMO Receiver off Standalone						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.30	17.50
		40	5200		17.55	18.50
		44	5220		17.68	18.50
		48	5240		17.43	18.50
	U-NII-2A	52	5260		17.38	18.50
		56	5280		17.34	18.50
		60	5300		17.35	18.50
		64	5320		16.41	17.50
	U-NII-2C	100	5500		16.25	17.50
		104	5520		16.98	18.50
		108	5540		16.87	18.50
		112	5560		16.82	18.50
		116	5580		16.74	18.50
		120	5600		16.75	18.50
		124	5620		16.84	18.50
		128	5640		16.76	18.50
		132	5660		16.70	18.50
		136	5680		16.73	18.50
		140	5700		15.88	17.50
		144	5720		16.47	17.50
	U-NII-3	149	5745		16.68	18.50
		153	5765		16.76	18.50
		157	5785		16.58	18.50
		161	5805		16.56	18.50
		165	5825		16.66	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.42	17.00
		40	5200		17.16	18.50
		44	5220		17.28	18.50
		48	5240		17.18	18.50
	U-NII-2A	52	5260		17.14	18.50
		56	5280		17.04	18.50
		60	5300		16.98	18.50
		64	5320		14.58	16.00
	U-NII-2C	100	5500		14.29	16.00
		104	5520		16.70	18.50
		108	5540		16.59	18.50
		112	5560		16.51	18.50
		116	5580		16.43	18.50
		120	5600		16.49	18.50
		124	5620		16.56	18.50
		128	5640		16.45	18.50
		132	5660		16.48	18.50
		136	5680		16.56	18.50
		140	5700		14.12	16.00

		144	5720		14.65	16.00
		149	5745		16.66	18.50
		153	5765		16.53	18.50
		157	5785		16.36	18.50
		161	5805		16.37	18.50
		165	5825		16.36	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.76	14.50
		46	5230		17.73	18.50
	U-NII-2A	54	5270		17.84	18.50
		62	5310		13.72	14.50
	U-NII-2C	102	5510		13.97	15.00
		110	5550		17.35	18.50
		118	5590		17.23	18.50
		126	5630		17.24	18.50
		134	5670		13.75	15.00
		142	5710		14.39	15.00
	U-NII-3	151	5755		17.28	18.50
		159	5795		16.98	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.37	16.00
		40	5200		17.17	18.50
		44	5220		17.29	18.50
		48	5240		17.15	18.50
	U-NII-2A	52	5260		17.16	18.50
		56	5280		17.10	18.50
		60	5300		17.08	18.50
		64	5320		14.64	16.00
	U-NII-2C	100	5500		14.25	16.00
		104	5520		16.76	18.50
		108	5540		16.66	18.50
		112	5560		16.45	18.50
		116	5580		16.45	18.50
		120	5600		16.49	18.50
		124	5620		16.50	18.50
		128	5640		16.53	18.50
		132	5660		16.45	18.50
		136	5680		16.54	18.50
		140	5700		14.15	16.00
		144	5720		14.68	16.00
	U-NII-3	149	5745		16.70	18.50
		153	5765		16.48	18.50
		157	5785		16.38	18.50
		161	5805		16.42	18.50
		165	5825		16.38	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	13.74	14.50

802.11ac 40M	U-NII-2A	46	5230		17.81	18.50
		54	5270		17.87	18.50
		62	5310		13.72	14.50
	U-NII-2C	102	5510		14.95	16.00
		110	5550		17.32	18.50
		118	5590		17.16	18.50
		126	5630		17.18	18.50
		134	5670		14.67	16.00
		142	5710		14.77	16.00
	U-NII-3	151	5755		17.21	18.50
		159	5795		17.00	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.98	13.00
	U-NII-2A	58	5290		12.47	13.00
	U-NII-2C	106	5530		13.27	14.00
		122	5610		13.20	14.00
	U-NII-3	155	5775		17.47	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	13.27	14.00
	U-NII-2C	114	5570		12.64	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	14.65	16.00
		40	5200		17.37	18.50
		44	5220		17.49	18.50
		48	5240		17.30	18.50
	U-NII-2A	52	5260		17.30	18.50
		56	5280		17.18	18.50
		60	5300		17.28	18.50
		64	5320		14.82	16.00
	U-NII-2C	100	5500		14.39	16.00
		104	5520		16.92	18.50
		108	5540		16.90	18.50
		112	5560		16.68	18.50
		116	5580		16.62	18.50
		120	5600		16.59	18.50
		124	5620		16.77	18.50
		128	5640		16.71	18.50
		132	5660		16.68	18.50
		136	5680		16.79	18.50
		140	5700		14.34	16.00
		144	5720		14.79	16.00
	U-NII-3	149	5745		16.89	18.50
		153	5765		16.74	18.50
		157	5785		16.57	18.50
		161	5805		16.64	18.50
		165	5825		16.58	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax-40	U-NII-1	38	5190	MCS0	13.45	14.50
		46	5230		17.62	18.50
	U-NII-2A	54	5270		17.52	18.50
		62	5310		13.32	14.50
	U-NII-2C	102	5510		13.59	15.00
		110	5550		14.00	15.50
		118	5590		13.83	15.50
		126	5630		13.91	15.50
		134	5670		14.13	15.00
		142	5710		14.19	15.00
		151	5755		17.00	18.50
	U-NII-3	159	5795		16.67	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.97	13.00
	U-NII-2A	58	5290		12.47	13.00
	U-NII-2C	106	5530		13.22	14.00
		122	5610		13.16	14.00
	U-NII-3	155	5775		17.49	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	13.30	14.00
	U-NII-2C	114	5570		12.70	14.00

WIFI 5G Ant 23 Receiver off Simultaneous transmission WWAN+WLAN2.4G/5G/2.4G+5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.85	13.50
		40	5200		12.77	13.50
		44	5220		12.76	13.50
		48	5240		12.61	13.50
	U-NII-2A	52	5260		12.76	13.50
		56	5280		12.54	13.50
		60	5300		12.55	13.50
		64	5320		12.51	13.50
	U-NII-2C	100	5500		11.75	13.50
		104	5520		11.80	13.50
		108	5540		11.92	13.50
		112	5560		11.89	13.50
		116	5580		12.09	13.50
		120	5600		11.98	13.50
		124	5620		12.10	13.50
		128	5640		11.88	13.50
		132	5660		11.88	13.50
		136	5680		12.05	13.50
		140	5700		12.36	13.50
		144	5720		13.29	13.50
	U-NII-3	149	5745		12.41	13.50
		153	5765		12.55	13.50
		157	5785		12.53	13.50
		161	5805		12.50	13.50
		165	5825		12.52	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.42	13.50
		40	5200		12.47	13.50
		44	5220		12.50	13.50
		48	5240		12.33	13.50
	U-NII-2A	52	5260		12.57	13.50
		56	5280		12.27	13.50
		60	5300		12.32	13.50
		64	5320		11.61	13.00
	U-NII-2C	100	5500		10.76	13.00
		104	5520		11.45	13.50
		108	5540		11.62	13.50
		112	5560		11.62	13.50
		116	5580		11.84	13.50
		120	5600		11.66	13.50
		124	5620		11.68	13.50
		128	5640		11.71	13.50
		132	5660		11.70	13.50
		136	5680		11.71	13.50
		140	5700		11.64	13.00

		144	5720		12.41	13.00
		149	5745		12.14	13.50
		153	5765		12.26	13.50
		157	5785		12.27	13.50
		161	5805		12.18	13.50
		165	5825		12.20	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.10	11.50
		46	5230		13.08	13.50
	U-NII-2A	54	5270		13.07	13.50
		62	5310		10.68	11.50
	U-NII-2C	102	5510		10.67	12.00
		110	5550		12.46	13.50
		118	5590		12.52	13.50
		126	5630		12.34	13.50
		134	5670		10.86	12.00
		142	5710		11.94	12.00
	U-NII-3	151	5755		12.88	13.50
		159	5795		12.92	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	11.90	13.00
		40	5200		12.46	13.50
		44	5220		12.46	13.50
		48	5240		11.83	13.00
	U-NII-2A	52	5260		12.52	13.50
		56	5280		12.44	13.50
		60	5300		12.42	13.50
		64	5320		11.63	13.00
	U-NII-2C	100	5500		10.67	13.00
		104	5520		11.60	13.50
		108	5540		11.65	13.50
		112	5560		11.65	13.50
		116	5580		11.75	13.50
		120	5600		11.76	13.50
		124	5620		11.80	13.50
		128	5640		11.67	13.50
		132	5660		11.63	13.50
		136	5680		11.72	13.50
		140	5700		11.58	13.00
		144	5720		12.46	13.00
	U-NII-3	149	5745		12.14	13.50
		153	5765		12.26	13.50
		157	5785		12.27	13.50
		161	5805		12.33	13.50
		165	5825		12.16	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	11.13	11.50

802.11ac 40M	U-NII-2A	46	5230		13.02	13.50
		54	5270		13.11	13.50
		62	5310		10.75	11.50
	U-NII-2C	102	5510		11.53	13.00
		110	5550		12.39	13.50
		118	5590		12.38	13.50
		126	5630		12.28	13.50
		134	5670		11.73	13.00
		142	5710		11.87	13.00
	U-NII-3	151	5755		12.81	13.50
		159	5795		12.90	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.98	10.00
	U-NII-2A	58	5290		9.89	10.00
	U-NII-2C	106	5530		10.25	11.00
		122	5610		10.50	11.00
	U-NII-3	155	5775		13.22	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	10.52	11.00
	U-NII-2C	114	5570		10.06	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	12.11	13.00
		40	5200		12.69	13.50
		44	5220		12.57	13.50
		48	5240		12.57	13.50
	U-NII-2A	52	5260		12.63	13.50
		56	5280		12.51	13.50
		60	5300		12.62	13.50
		64	5320		11.78	13.00
	U-NII-2C	100	5500		10.82	13.00
		104	5520		11.74	13.50
		108	5540		11.78	13.50
		112	5560		11.84	13.50
		116	5580		11.81	13.50
		120	5600		11.93	13.50
		124	5620		11.92	13.50
		128	5640		11.77	13.50
		132	5660		11.73	13.50
		136	5680		11.86	13.50
		140	5700		11.70	13.00
		144	5720		12.64	13.00
	U-NII-3	149	5745		12.41	13.50
		153	5765		12.47	13.50
		157	5785		12.47	13.50
		161	5805		12.49	13.50
		165	5825		12.40	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 40M	U-NII-1	38	5190	MCS0	10.81	11.50
		46	5230		12.74	13.50
	U-NII-2A	54	5270		12.67	13.50
		62	5310		10.38	11.50
	U-NII-2C	102	5510		10.14	12.00
		110	5550		7.57	9.00
		118	5590		7.70	9.00
		126	5630		7.55	9.00
		134	5670		10.63	12.00
		142	5710		11.74	12.00
	U-NII-3	151	5755		12.58	13.50
		159	5795		12.64	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.96	10.00
	U-NII-2A	58	5290		9.86	10.00
	U-NII-2C	106	5530		10.20	11.00
		122	5610		10.55	11.00
	U-NII-3	155	5775		13.26	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	10.56	11.00
	U-NII-2C	114	5570		10.03	11.00

WIFI 5G Ant 21 Receiver off Simultaneous transmission WWAN+WLAN2.4G/5G/2.4G+5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	11.60	13.50
		40	5200		12.09	13.50
		44	5220		12.27	13.50
		48	5240		12.04	13.50
	U-NII-2A	52	5260		11.85	13.50
		56	5280		11.83	13.50
		60	5300		11.72	13.50
		64	5320		12.26	13.50
	U-NII-2C	100	5500		12.53	13.50
		104	5520		12.17	13.50
		108	5540		11.89	13.50
		112	5560		11.56	13.50
		116	5580		11.26	13.50
		120	5600		11.42	13.50
		124	5620		11.58	13.50
		128	5640		11.61	13.50
		132	5660		11.66	13.50
		136	5680		11.62	13.50
		140	5700		11.41	13.50
		144	5720		11.44	13.50
	U-NII-3	149	5745		10.93	13.50
		153	5765		10.95	13.50
		157	5785		10.67	13.50
		161	5805		10.58	13.50
		165	5825		10.74	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	11.26	13.50
		40	5200		11.73	13.50
		44	5220		11.97	13.50
		48	5240		11.75	13.50
	U-NII-2A	52	5260		11.54	13.50
		56	5280		11.53	13.50
		60	5300		11.41	13.50
		64	5320		11.52	13.00
	U-NII-2C	100	5500		11.72	13.00
		104	5520		11.75	13.50
		108	5540		11.53	13.50
		112	5560		11.23	13.50
		116	5580		10.92	13.50
		120	5600		11.11	13.50
		124	5620		11.25	13.50
		128	5640		11.32	13.50
		132	5660		11.33	13.50
		136	5680		11.27	13.50
		140	5700		10.59	13.00

		144	5720		10.64	13.00
		149	5745		10.56	13.50
		153	5765		10.68	13.50
		157	5785		10.36	13.50
		161	5805		10.25	13.50
		165	5825		10.33	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	10.26	11.50
		46	5230		12.68	13.50
	U-NII-2A	54	5270		12.47	13.50
		62	5310		10.56	11.50
	U-NII-2C	102	5510		11.11	12.00
		110	5550		12.09	13.50
		118	5590		11.81	13.50
		126	5630		12.08	13.50
		134	5670		10.58	12.00
		142	5710		10.76	12.00
	U-NII-3	151	5755		11.65	13.50
		159	5795		11.06	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	10.83	13.00
		40	5200		11.74	13.50
		44	5220		12.02	13.50
		48	5240		11.26	13.00
	U-NII-2A	52	5260		11.55	13.50
		56	5280		11.58	13.50
		60	5300		11.48	13.50
		64	5320		11.58	13.00
	U-NII-2C	100	5500		11.65	13.00
		104	5520		11.76	13.50
		108	5540		11.47	13.50
		112	5560		11.29	13.50
		116	5580		10.90	13.50
		120	5600		11.18	13.50
		124	5620		11.31	13.50
		128	5640		11.30	13.50
		132	5660		11.30	13.50
		136	5680		11.34	13.50
		140	5700		10.64	13.00
		144	5720		10.68	13.00
	U-NII-3	149	5745		10.58	13.50
		153	5765		10.71	13.50
		157	5785		10.34	13.50
		161	5805		10.18	13.50
		165	5825		10.31	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	10.27	11.50

802.11ac 40M	U-NII-2A	46	5230		12.66	13.50
		54	5270		12.52	13.50
		62	5310		10.50	11.50
	U-NII-2C	102	5510		12.16	13.00
		110	5550		12.11	13.50
		118	5590		11.80	13.50
		126	5630		12.07	13.50
		134	5670		11.53	13.00
		142	5710		11.72	13.00
		151	5755		11.72	13.50
	U-NII-3	159	5795		11.13	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.95	10.00
	U-NII-2A	58	5290		9.01	10.00
	U-NII-2C	106	5530		10.35	11.00
		122	5610		9.79	11.00
	U-NII-3	155	5775		11.86	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	9.94	11.00
	U-NII-2C	114	5570		9.16	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	11.00	13.00
		40	5200		11.94	13.50
		44	5220		12.27	13.50
		48	5240		11.51	13.50
	U-NII-2A	52	5260		11.80	13.50
		56	5280		11.84	13.50
		60	5300		11.77	13.50
		64	5320		11.84	13.00
	U-NII-2C	100	5500		11.88	13.00
		104	5520		11.93	13.50
		108	5540		11.74	13.50
		112	5560		11.58	13.50
		116	5580		11.15	13.50
		120	5600		11.47	13.50
		124	5620		11.60	13.50
		128	5640		11.57	13.50
		132	5660		11.49	13.50
		136	5680		11.58	13.50
		140	5700		10.90	13.00
		144	5720		10.85	13.00
	U-NII-3	149	5745		10.86	13.50
		153	5765		10.93	13.50
		157	5785		10.59	13.50
		161	5805		10.44	13.50
		165	5825		10.53	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 40M	U-NII-1	38	5190	MCS0	10.02	11.50
		46	5230		12.45	13.50
	U-NII-2A	54	5270		12.25	13.50
		62	5310		10.27	11.50
	U-NII-2C	102	5510		10.89	12.00
		110	5550		7.56	9.00
		118	5590		7.30	9.00
		126	5630		7.14	9.00
		134	5670		10.32	12.00
		142	5710		10.46	12.00
	U-NII-3	151	5755		11.45	13.50
		159	5795		10.93	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.93	10.00
	U-NII-2A	58	5290		8.96	10.00
	U-NII-2C	106	5530		10.38	11.00
		122	5610		9.83	11.00
	U-NII-3	155	5775		11.84	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	9.92	11.00
	U-NII-2C	114	5570		9.20	11.00

WIFI 5G MIMO Receiver off Simultaneous transmission WWAN+WLAN2.4G/5G/2.4G+5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.27	16.50
		40	5200		15.43	16.50
		44	5220		15.57	16.50
		48	5240		15.33	16.50
	U-NII-2A	52	5260		15.36	16.50
		56	5280		15.22	16.50
		60	5300		15.15	16.50
		64	5320		15.45	16.50
	U-NII-2C	100	5500		15.17	16.50
		104	5520		15.05	16.50
		108	5540		14.93	16.50
		112	5560		14.75	16.50
		116	5580		14.73	16.50
		120	5600		14.75	16.50
		124	5620		14.83	16.50
		128	5640		14.74	16.50
		132	5660		14.75	16.50
		136	5680		14.85	16.50
		140	5700		14.93	16.50
		144	5720		15.52	16.50
	U-NII-3	149	5745		14.74	16.50
		153	5765		14.84	16.50
		157	5785		14.72	16.50
		161	5805		14.68	16.50
		165	5825		14.72	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.87	16.50
		40	5200		15.12	16.50
		44	5220		15.25	16.50
		48	5240		15.05	16.50
	U-NII-2A	52	5260		15.08	16.50
		56	5280		14.94	16.50
		60	5300		14.87	16.50
		64	5320		14.58	16.00
	U-NII-2C	100	5500		14.31	16.00
		104	5520		14.57	16.50
		108	5540		14.61	16.50
		112	5560		14.45	16.50
		116	5580		14.37	16.50
		120	5600		14.44	16.50
		124	5620		14.45	16.50
		128	5640		14.50	16.50
		132	5660		14.54	16.50
		136	5680		14.48	16.50
		140	5700		14.17	16.00

		144	5720		14.65	16.00
		149	5745		14.41	16.50
		153	5765		14.52	16.50
		157	5785		14.42	16.50
		161	5805		14.31	16.50
		165	5825		14.42	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.75	14.50
		46	5230		15.88	16.50
	U-NII-2A	54	5270		15.79	16.50
		62	5310		13.63	14.50
	U-NII-2C	102	5510		13.88	15.00
		110	5550		15.30	16.50
		118	5590		15.19	16.50
		126	5630		15.25	16.50
		134	5670		13.72	15.00
		142	5710		14.41	15.00
		151	5755		15.32	16.50
		159	5795		15.07	16.50
	U-NII-3					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.39	16.00
		40	5200		15.09	16.50
		44	5220		15.22	16.50
		48	5240		14.61	16.00
	U-NII-2A	52	5260		15.09	16.50
		56	5280		15.08	16.50
		60	5300		14.98	16.50
		64	5320		14.60	16.00
	U-NII-2C	100	5500		14.17	16.00
		104	5520		14.70	16.50
		108	5540		14.61	16.50
		112	5560		14.45	16.50
		116	5580		14.35	16.50
		120	5600		14.47	16.50
		124	5620		14.59	16.50
		128	5640		14.46	16.50
		132	5660		14.46	16.50
		136	5680		14.56	16.50
		140	5700		14.10	16.00
		144	5720		14.66	16.00
	U-NII-3	149	5745		14.48	16.50
		153	5765		14.54	16.50
		157	5785		14.36	16.50
		161	5805		14.41	16.50
		165	5825		14.32	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	13.72	14.50

802.11ac 40M	U-NII-2A	46	5230		15.89	16.50
		54	5270		15.84	16.50
		62	5310		13.68	14.50
	U-NII-2C	102	5510		14.88	16.00
		110	5550		15.27	16.50
		118	5590		15.12	16.50
		126	5630		15.19	16.50
		134	5670		14.63	16.00
		142	5710		14.85	16.00
	U-NII-3	151	5755		15.30	16.50
		159	5795		15.11	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.98	13.00
	U-NII-2A	58	5290		12.44	13.00
	U-NII-2C	106	5530		13.31	14.00
		122	5610		13.12	14.00
	U-NII-3	155	5775		15.61	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	13.29	14.00
	U-NII-2C	114	5570		12.64	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	14.61	16.00
		40	5200		15.33	16.50
		44	5220		15.45	16.50
		48	5240		15.07	16.50
	U-NII-2A	52	5260		15.25	16.50
		56	5280		15.20	16.50
		60	5300		15.20	16.50
		64	5320		14.86	16.00
	U-NII-2C	100	5500		14.40	16.00
		104	5520		14.87	16.50
		108	5540		14.79	16.50
		112	5560		14.67	16.50
		116	5580		14.53	16.50
		120	5600		14.69	16.50
		124	5620		14.82	16.50
		128	5640		14.71	16.50
		132	5660		14.67	16.50
		136	5680		14.69	16.50
		140	5700		14.32	16.00
		144	5720		14.87	16.00
	U-NII-3	149	5745		14.72	16.50
		153	5765		14.74	16.50
		157	5785		14.60	16.50
		161	5805		14.59	16.50
		165	5825		14.61	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax-40	U-NII-1	38	5190	MCS0	13.50	14.50
		46	5230		15.65	16.50
	U-NII-2A	54	5270		15.50	16.50
		62	5310		13.36	14.50
	U-NII-2C	102	5510		13.55	15.00
		110	5550		10.58	12.00
		118	5590		10.50	12.00
		126	5630		10.36	12.00
		134	5670		13.45	15.00
		142	5710		14.12	15.00
	U-NII-3	151	5755		15.12	16.50
		159	5795		14.88	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.92	13.00
	U-NII-2A	58	5290		12.38	13.00
	U-NII-2C	106	5530		13.31	14.00
		122	5610		13.22	14.00
	U-NII-3	155	5775		15.61	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	13.26	14.00
	U-NII-2C	114	5570		12.61	14.00

10.3 Conducted Power of Bluetooth

BT Ant25		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	78	Tune up
BT	GFSK	9.99	11.5	11.46	13	9.43	11
	$\pi/4$ DQPSK	6.95	8.5	8.48	10	6.40	8
	8DPSK	5.35	7	6.86	8.5	4.91	6.5
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	5.96	7.5	7.44	9	5.50	7.5
BLE 2M	GFSK	7.54	9.5	8.70	10.5	7.24	9

BT Ant22		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	Tune up	Tune up
BT	GFSK	9.45	11	10.70	12.5	9.37	11
	$\pi/4$ DQPSK	6.28	8	7.63	9.5	6.06	8
	8DPSK	4.78	6.5	6.11	8	4.71	6.5
Band	Channel	0	Tune up	19	Tune up	Tune up	Tune up
BLE 1M	GFSK	4.67	6.5	5.98	7.5	4.75	6.5
BLE 2M	GFSK	6.25	8.0	7.29	9.0	6.27	8.0