[ANT1]

▣ Test Plots

Note: In order to simplify the report, attached plots were only the most narrow channel.

802.11a (CH.165)

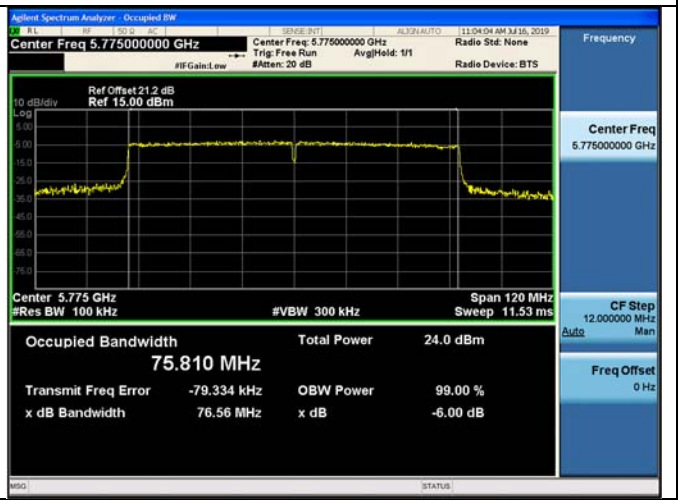
802.11n(HT20) (CH.165)

802.11n(HT40) (CH.151)

802.11ac(VHT20) (CH.149)

802.11ac(VHT40) (CH.151)

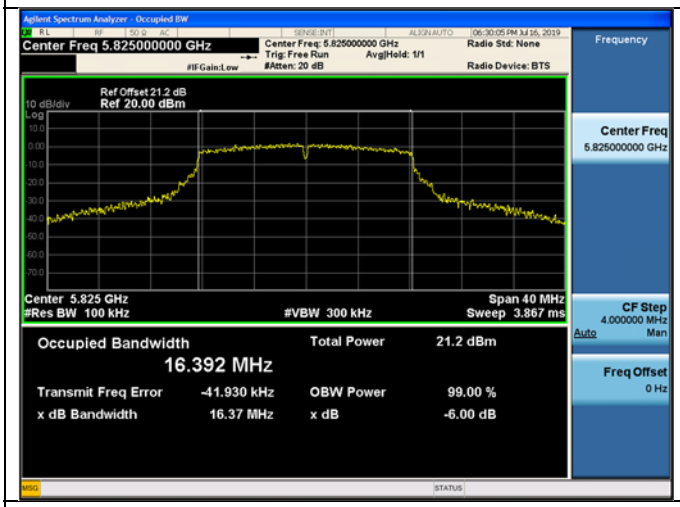
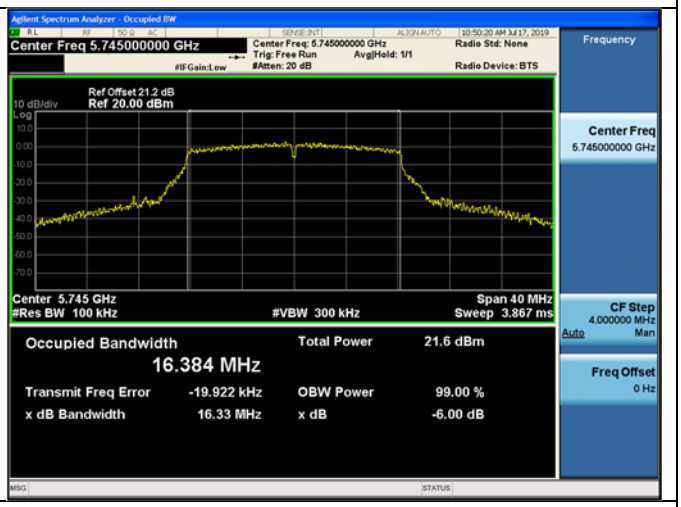
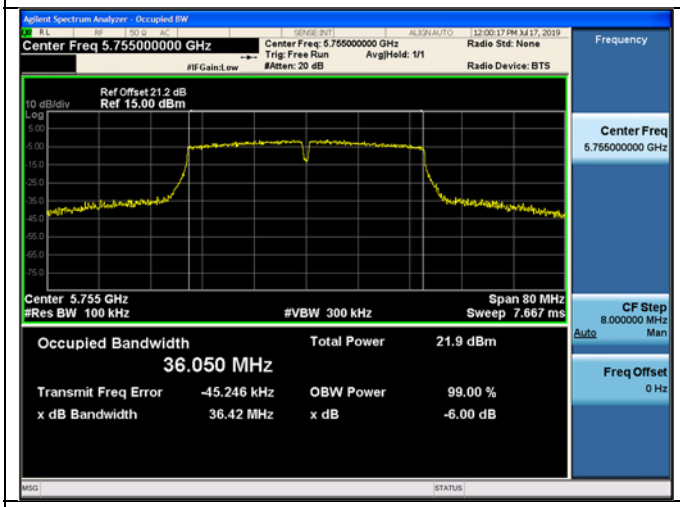
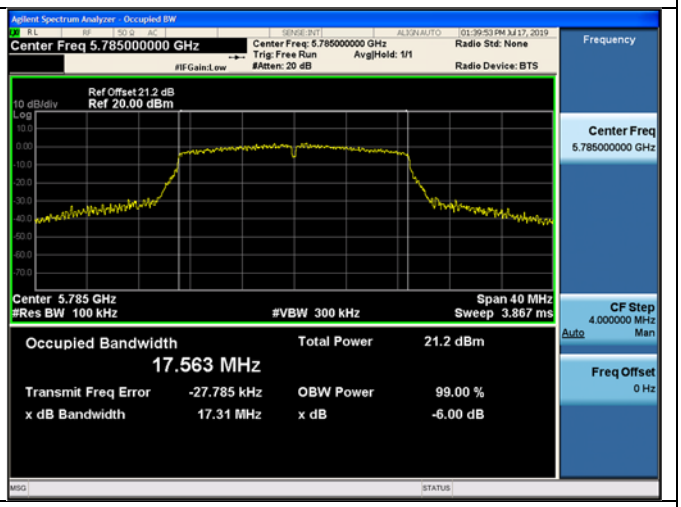
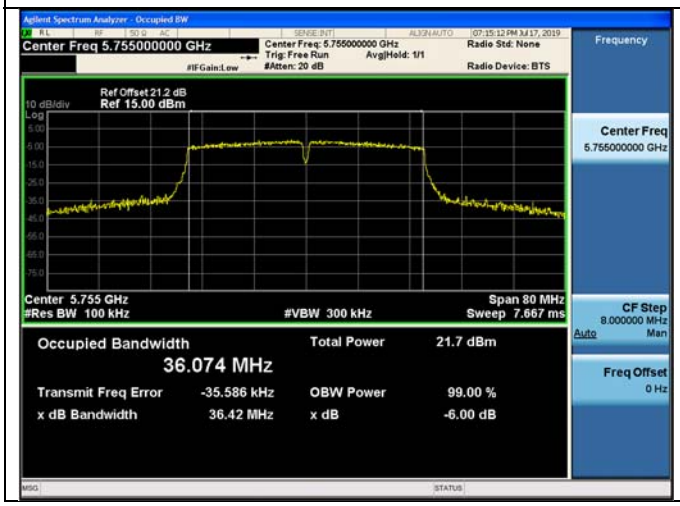
802.11ac(VHT80) (CH.155)



[ANT2]

▣ Test Plots

Note: In order to simplify the report, attached plots were only the most narrow channel.

802.11a (CH.165)	802.11n(HT20) (CH.149)
	
802.11n(HT40) (CH.151)	**802.11ac(VHT20) (CH.157)**
	
802.11ac(VHT40) (CH.151)	**802.11ac(VHT80) (CH.155)**
	

10.3 OUTPUT POWER MEASUREMENT

[Ant1]

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	6	13.21	1.47	14.68	9.50	22.96
			9	13.51	1.47	14.98		22.96
			12	13.28	1.47	14.75		22.96
			18	13.25	1.47	14.72		22.96
			24	13.29	1.47	14.76		22.96
			36	13.32	1.47	14.79		22.96
			48	11.31	1.47	12.78		22.96
			54	11.32	1.47	12.79		22.96
	5200	40	6	13.63	1.47	15.10	9.50	22.96
			9	13.24	1.47	14.71		22.96
			12	13.30	1.47	14.77		22.96
			18	13.31	1.47	14.78		22.96
			24	13.12	1.47	14.59		22.96
			36	13.21	1.47	14.68		22.96
			48	11.14	1.47	12.61		22.96
			54	11.20	1.47	12.67		22.96
	5240	48	6	12.45	1.47	13.92	9.50	22.96
			9	12.73	1.47	14.20		22.96
			12	12.75	1.47	14.22		22.96
			18	12.51	1.47	13.98		22.96
			24	12.53	1.47	14.00		22.96
			36	12.51	1.47	13.98		22.96
			48	10.46	1.47	11.93		22.96
			54	10.25	1.47	11.72		22.96

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	6	15.11	1.49	16.60	13.00	22.99
			9	15.16	1.49	16.65		22.99
			12	15.09	1.49	16.58		22.99
			18	15.14	1.49	16.63		22.99
			24	15.14	1.49	16.63		22.99
			36	15.33	1.49	16.82		22.99
			48	13.06	1.49	14.55		22.99
			54	13.14	1.49	14.63		22.99
	5300	60	6	14.71	1.49	16.20	13.00	22.99
			9	14.73	1.49	16.22		22.99
			12	14.71	1.49	16.20		22.99
			18	14.75	1.49	16.24		22.99
			24	14.53	1.49	16.02		22.99
			36	14.62	1.49	16.11		22.99
			48	12.69	1.49	14.18		22.99
			54	12.67	1.49	14.16		22.99
	5320	64	6	14.40	1.49	15.89	13.50	22.99
			9	14.79	1.49	16.28		22.99
			12	14.76	1.49	16.25		22.99
			18	14.71	1.49	16.20		22.99
			24	14.70	1.49	16.19		22.99
			36	14.95	1.49	16.44		22.99
			48	12.74	1.49	14.23		22.99
			54	12.70	1.49	14.19		22.99

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	6	13.67	1.43	15.10	11.50	22.94
			9	13.88	1.43	15.31		22.94
			12	14.00	1.43	15.43		22.94
			18	14.00	1.43	15.43		22.94
			24	13.79	1.43	15.22		22.94
			36	13.90	1.43	15.33		22.94
			48	11.95	1.43	13.38		22.94
			54	11.92	1.43	13.35		22.94
	5580	116	6	13.47	1.43	14.90	11.50	22.94
			9	13.74	1.43	15.17		22.94
			12	13.46	1.43	14.89		22.94
			18	13.54	1.43	14.97		22.94
			24	13.59	1.43	15.02		22.94
			36	13.69	1.43	15.12		22.94
			48	11.51	1.43	12.94		22.94
			54	11.56	1.43	12.99		22.94
	5720	144	6	14.41	1.43	15.84	11.50	22.94
			9	14.51	1.43	15.94		22.94
			12	14.20	1.43	15.63		22.94
			18	14.17	1.43	15.60		22.94
			24	14.21	1.43	15.64		22.94
			36	14.26	1.43	15.69		22.94
			48	12.37	1.43	13.80		22.94
			54	12.21	1.43	13.64		22.94

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	6	15.47	1.48	16.95	13.00	30.00
			9	15.73	1.48	17.21		30.00
			12	15.66	1.48	17.14		30.00
			18	15.69	1.48	17.17		30.00
			24	15.53	1.48	17.01		30.00
			36	15.77	1.48	17.25		30.00
			48	13.95	1.48	15.43		30.00
			54	13.76	1.48	15.24		30.00
	5785	157	6	15.34	1.48	16.82	13.00	30.00
			9	15.72	1.48	17.20		30.00
			12	15.61	1.48	17.09		30.00
			18	15.66	1.48	17.14		30.00
			24	15.56	1.48	17.04		30.00
			36	15.60	1.48	17.08		30.00
			48	13.87	1.48	15.35		30.00
			54	13.67	1.48	15.15		30.00
	5825	165	6	13.73	1.48	15.21	15.00	30.00
			9	13.70	1.48	15.18		30.00
			12	13.80	1.48	15.28		30.00
			18	13.76	1.48	15.24		30.00
			24	13.64	1.48	15.12		30.00
			36	13.72	1.48	15.20		30.00
			48	11.74	1.48	13.22		30.00
			54	11.82	1.48	13.30		30.00

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	13.07	1.47	14.54	9.50	22.96
			1	13.08	1.47	14.55		22.96
			2	13.11	1.47	14.58		22.96
			3	13.13	1.47	14.60		22.96
			4	13.73	1.47	15.20		22.96
			5	13.77	1.47	15.24		22.96
			6	11.48	1.47	12.95		22.96
			7	11.18	1.47	12.65		22.96
	5200	40	0	13.40	1.47	14.87	9.50	22.96
			1	12.96	1.47	14.43		22.96
			2	12.96	1.47	14.43		22.96
			3	13.00	1.47	14.47		22.96
			4	13.70	1.47	15.17		22.96
			5	13.80	1.47	15.27		22.96
			6	11.50	1.47	12.97		22.96
			7	11.55	1.47	13.02		22.96
	5240	48	0	12.09	1.47	13.56	11.00	22.96
			1	13.77	1.47	15.24		22.96
			2	13.52	1.47	14.99		22.96
			3	13.52	1.47	14.99		22.96
			4	13.61	1.47	15.08		22.96
			5	13.60	1.47	15.07		22.96
			6	11.76	1.47	13.23		22.96
			7	11.74	1.47	13.21		22.96

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	0	15.17	1.49	16.66	13.50	22.99
			1	15.52	1.49	17.01		22.99
			2	15.57	1.49	17.06		22.99
			3	15.57	1.49	17.06		22.99
			4	15.59	1.49	17.08		22.99
			5	15.62	1.49	17.11		22.99
			6	13.64	1.49	15.13		22.99
			7	13.72	1.49	15.21		22.99
	5300	60	0	15.07	1.49	16.56	14.00	22.99
			1	15.38	1.49	16.87		22.99
			2	15.32	1.49	16.81		22.99
			3	15.29	1.49	16.78		22.99
			4	15.86	1.49	17.35		22.99
			5	15.82	1.49	17.31		22.99
			6	14.04	1.49	15.53		22.99
			7	14.03	1.49	15.52		22.99
	5320	64	0	14.52	1.49	16.01	14.50	22.99
			1	14.53	1.49	16.02		22.99
			2	14.57	1.49	16.06		22.99
			3	14.57	1.49	16.06		22.99
			4	14.97	1.49	16.46		22.99
			5	14.97	1.49	16.46		22.99
			6	12.84	1.49	14.33		22.99
			7	12.84	1.49	14.33		22.99

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	0	14.63	1.43	16.06	12.50	22.94
			1	14.90	1.43	16.33		22.94
			2	14.96	1.43	16.39		22.94
			3	14.96	1.43	16.39		22.94
			4	14.91	1.43	16.34		22.94
			5	14.95	1.43	16.38		22.94
			6	12.80	1.43	14.23		22.94
			7	12.87	1.43	14.30		22.94
	5580	116	0	13.68	1.43	15.11	12.50	22.94
			1	13.95	1.43	15.38		22.94
			2	13.98	1.43	15.41		22.94
			3	13.78	1.43	15.21		22.94
			4	13.80	1.43	15.23		22.94
			5	13.81	1.43	15.24		22.94
			6	11.84	1.43	13.27		22.94
			7	11.82	1.43	13.25		22.94
	5720	144	0	14.70	1.43	16.13	12.50	22.94
			1	14.91	1.43	16.34		22.94
			2	14.93	1.43	16.36		22.94
			3	14.94	1.43	16.37		22.94
			4	15.16	1.43	16.59		22.94
			5	15.18	1.43	16.61		22.94
			6	13.08	1.43	14.51		22.94
			7	13.14	1.43	14.57		22.94

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	15.37	1.48	16.85	13.00	30.00
			1	15.46	1.48	16.94		30.00
			2	15.49	1.48	16.97		30.00
			3	15.44	1.48	16.92		30.00
			4	15.70	1.48	17.18		30.00
			5	15.71	1.48	17.19		30.00
			6	13.70	1.48	15.18		30.00
			7	13.46	1.48	14.94		30.00
	5785	157	0	15.46	1.48	16.94	13.00	30.00
			1	15.76	1.48	17.24		30.00
			2	15.55	1.48	17.03		30.00
			3	15.57	1.48	17.05		30.00
			4	15.80	1.48	17.28		30.00
			5	15.81	1.48	17.29		30.00
			6	13.86	1.48	15.34		30.00
			7	13.64	1.48	15.12		30.00
	5825	165	0	15.33	1.48	16.81	15.00	30.00
			1	15.64	1.48	17.12		30.00
			2	15.64	1.48	17.12		30.00
			3	15.67	1.48	17.15		30.00
			4	15.72	1.48	17.20		30.00
			5	15.73	1.48	17.21		30.00
			6	13.94	1.48	15.42		30.00
			7	13.71	1.48	15.19		30.00

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5190	38	0	14.38	1.47	15.85	11.00	22.96
			1	14.67	1.47	16.14		22.96
			2	14.51	1.47	15.98		22.96
			3	14.69	1.47	16.16		22.96
			4	14.75	1.47	16.22		22.96
			5	14.78	1.47	16.25		22.96
			6	12.64	1.47	14.11		22.96
			7	12.67	1.47	14.14		22.96
	5230	46	0	13.75	1.47	15.22	11.00	22.96
			1	13.81	1.47	15.28		22.96
			2	13.69	1.47	15.16		22.96
			3	13.66	1.47	15.13		22.96
			4	13.64	1.47	15.11		22.96
			5	13.90	1.47	15.37		22.96
			6	11.73	1.47	13.20		22.96
			7	11.75	1.47	13.22		22.96

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5270	54	0	14.05	1.49	15.54	12.00	22.99
			1	14.36	1.49	15.85		22.99
			2	14.32	1.49	15.81		22.99
			3	14.35	1.49	15.84		22.99
			4	14.42	1.49	15.91		22.99
			5	14.17	1.49	15.66		22.99
			6	12.31	1.49	13.80		22.99
			7	12.30	1.49	13.79		22.99
	5310	62	0	13.58	1.49	15.07	12.00	22.99
			1	13.91	1.49	15.40		22.99
			2	13.75	1.49	15.24		22.99
			3	13.70	1.49	15.19		22.99
			4	13.60	1.49	15.09		22.99
			5	13.62	1.49	15.11		22.99
			6	11.71	1.49	13.20		22.99
			7	11.69	1.49	13.18		22.99

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5510	102	0	11.37	1.43	12.80	9.00	22.94
			1	11.48	1.43	12.91		22.94
			2	11.46	1.43	12.89		22.94
			3	11.50	1.43	12.93		22.94
			4	11.53	1.43	12.96		22.94
			5	11.49	1.43	12.92		22.94
			6	9.22	1.43	10.65		22.94
			7	9.31	1.43	10.74		22.94
	5550	110	0	13.84	1.43	15.27	12.00	22.94
			1	14.08	1.43	15.51		22.94
			2	14.09	1.43	15.52		22.94
			3	14.09	1.43	15.52		22.94
			4	13.96	1.43	15.39		22.94
			5	14.16	1.43	15.59		22.94
			6	12.04	1.43	13.47		22.94
			7	12.06	1.43	13.49		22.94
	5710	142	0	14.31	1.43	15.74	12.00	22.94
			1	14.51	1.43	15.94		22.94
			2	14.47	1.43	15.90		22.94
			3	14.49	1.43	15.92		22.94
			4	14.62	1.43	16.05		22.94
			5	14.71	1.43	16.14		22.94
			6	12.67	1.43	14.10		22.94
			7	12.67	1.43	14.10		22.94

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5755	151	0	15.48	1.48	16.96	13.00	30.00
			1	15.53	1.48	17.01		30.00
			2	15.50	1.48	16.98		30.00
			3	15.61	1.48	17.09		30.00
			4	15.58	1.48	17.06		30.00
			5	15.58	1.48	17.06		30.00
			6	13.59	1.48	15.07		30.00
			7	13.85	1.48	15.33		30.00
	5795	159	0	17.13	1.48	18.61	15.00	30.00
			1	17.34	1.48	18.82		30.00
			2	17.33	1.48	18.81		30.00
			3	17.38	1.48	18.86		30.00
			4	17.33	1.48	18.81		30.00
			5	17.36	1.48	18.84		30.00
			6	15.41	1.48	16.89		30.00
			7	15.39	1.48	16.87		30.00

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	11.98	1.47	13.45	9.50	22.96
			1	12.01	1.47	13.48		22.96
			2	12.06	1.47	13.53		22.96
			3	11.82	1.47	13.29		22.96
			4	12.80	1.47	14.27		22.96
			5	12.78	1.47	14.25		22.96
			6	12.75	1.47	14.22		22.96
			7	10.24	1.47	11.71		22.96
			8	9.06	1.47	10.53		22.96
	5200	40	0	11.83	1.47	13.30	9.50	22.96
			1	12.15	1.47	13.62		22.96
			2	11.94	1.47	13.41		22.96
			3	11.94	1.47	13.41		22.96
			4	12.01	1.47	13.48		22.96
			5	11.74	1.47	13.21		22.96
			6	11.77	1.47	13.24		22.96
			7	9.79	1.47	11.26		22.96
			8	8.75	1.47	10.22		22.96
	5240	48	0	12.96	1.47	14.43	11.00	22.96
			1	13.05	1.47	14.52		22.96
			2	13.02	1.47	14.49		22.96
			3	13.02	1.47	14.49		22.96
			4	13.61	1.47	15.08		22.96
			5	13.62	1.47	15.09		22.96
			6	13.58	1.47	15.05		22.96
			7	11.79	1.47	13.26		22.96
			8	10.05	1.47	11.52		22.96

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	0	15.04	1.49	16.53	13.50	22.99
			1	15.42	1.49	16.91		22.99
			2	15.39	1.49	16.88		22.99
			3	15.48	1.49	16.97		22.99
			4	15.60	1.49	17.09		22.99
			5	15.65	1.49	17.14		22.99
			6	15.62	1.49	17.11		22.99
			7	13.51	1.49	15.00		22.99
			8	12.32	1.49	13.81		22.99
	5300	60	0	14.78	1.49	16.27	13.50	22.99
			1	14.98	1.49	16.47		22.99
			2	14.81	1.49	16.30		22.99
			3	14.98	1.49	16.47		22.99
			4	15.16	1.49	16.65		22.99
			5	14.91	1.49	16.40		22.99
			6	14.96	1.49	16.45		22.99
			7	12.98	1.49	14.47		22.99
			8	11.79	1.49	13.28		22.99
	5320	64	0	14.80	1.49	16.29	13.50	22.99
			1	15.19	1.49	16.68		22.99
			2	14.98	1.49	16.47		22.99
			3	15.02	1.49	16.51		22.99
			4	15.11	1.49	16.60		22.99
			5	15.14	1.49	16.63		22.99
			6	15.10	1.49	16.59		22.99
			7	13.12	1.49	14.61		22.99
			8	11.99	1.49	13.48		22.99

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	0	14.80	1.43	16.23	12.50	22.94
			1	14.84	1.43	16.27		22.94
			2	14.85	1.43	16.28		22.94
			3	14.80	1.43	16.23		22.94
			4	15.05	1.43	16.48		22.94
			5	14.72	1.43	16.15		22.94
			6	14.76	1.43	16.19		22.94
			7	12.82	1.43	14.25		22.94
			8	11.71	1.43	13.14		22.94
	5580	116	0	13.69	1.43	15.12	12.00	22.94
			1	13.97	1.43	15.40		22.94
			2	13.76	1.43	15.19		22.94
			3	13.88	1.43	15.31		22.94
			4	13.71	1.43	15.14		22.94
			5	13.74	1.43	15.17		22.94
			6	13.80	1.43	15.23		22.94
			7	11.85	1.43	13.28		22.94
			8	10.69	1.43	12.12		22.94
	5720	144	0	15.06	1.43	16.49	12.50	22.94
			1	15.31	1.43	16.74		22.94
			2	15.16	1.43	16.59		22.94
			3	14.95	1.43	16.38		22.94
			4	15.08	1.43	16.51		22.94
			5	15.06	1.43	16.49		22.94
			6	15.07	1.43	16.50		22.94
			7	13.05	1.43	14.48		22.94
			8	11.95	1.43	13.38		22.94

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	15.53	1.48	17.01	13.00	30.00
			1	15.78	1.48	17.26		30.00
			2	15.57	1.48	17.05		30.00
			3	15.57	1.48	17.05		30.00
			4	15.77	1.48	17.25		30.00
			5	15.76	1.48	17.24		30.00
			6	15.56	1.48	17.04		30.00
			7	13.74	1.48	15.22		30.00
			8	12.64	1.48	14.12		30.00
	5785	157	0	15.43	1.48	16.91	13.00	30.00
			1	15.54	1.48	17.02		30.00
			2	15.59	1.48	17.07		30.00
			3	15.61	1.48	17.09		30.00
			4	15.85	1.48	17.33		30.00
			5	15.86	1.48	17.34		30.00
			6	15.55	1.48	17.03		30.00
			7	13.75	1.48	15.23		30.00
			8	12.40	1.48	13.88		30.00
	5825	165	0	15.30	1.48	16.78	15.00	30.00
			1	15.57	1.48	17.05		30.00
			2	15.60	1.48	17.08		30.00
			3	15.53	1.48	17.01		30.00
			4	15.79	1.48	17.27		30.00
			5	15.80	1.48	17.28		30.00
			6	15.72	1.48	17.20		30.00
			7	13.30	1.48	14.78		30.00
			8	12.55	1.48	14.03		30.00

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5190	38	0	15.32	1.47	16.79	12.00	22.96
			1	15.40	1.47	16.87		22.96
			2	15.34	1.47	16.81		22.96
			3	15.10	1.47	16.57		22.96
			4	15.28	1.47	16.75		22.96
			5	15.25	1.47	16.72		22.96
			6	15.44	1.47	16.91		22.96
			7	13.38	1.47	14.85		22.96
			8	12.59	1.47	14.06		22.96
			9	12.30	1.47	13.77		22.96
	5230	46	0	14.62	1.47	16.09	12.00	22.96
			1	14.99	1.47	16.46		22.96
			2	14.63	1.47	16.10		22.96
			3	14.64	1.47	16.11		22.96
			4	14.80	1.47	16.27		22.96
			5	14.82	1.47	16.29		22.96
			6	14.84	1.47	16.31		22.96
			7	12.87	1.47	14.34		22.96
			8	11.62	1.47	13.09		22.96
			9	11.67	1.47	13.14		22.96

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5270	54	0	14.19	1.49	15.68	12.00	22.99
			1	14.37	1.49	15.86		22.99
			2	14.32	1.49	15.81		22.99
			3	14.11	1.49	15.60		22.99
			4	14.46	1.49	15.95		22.99
			5	14.40	1.49	15.89		22.99
			6	14.45	1.49	15.94		22.99
			7	12.17	1.49	13.66		22.99
			8	11.27	1.49	12.76		22.99
			9	11.27	1.49	12.76		22.99
	5310	62	0	12.24	1.49	13.73	10.50	22.99
			1	12.34	1.49	13.83		22.99
			2	12.31	1.49	13.80		22.99
			3	12.33	1.49	13.82		22.99
			4	12.38	1.49	13.87		22.99
			5	12.40	1.49	13.89		22.99
			6	12.29	1.49	13.78		22.99
			7	10.27	1.49	11.76		22.99
			8	9.03	1.49	10.52		22.99
			9	9.05	1.49	10.54		22.99

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5510	102	0	10.22	1.43	11.65	8.00	22.94
			1	10.41	1.43	11.84		22.94
			2	10.44	1.43	11.87		22.94
			3	10.46	1.43	11.89		22.94
			4	10.45	1.43	11.88		22.94
			5	10.44	1.43	11.87		22.94
			6	10.17	1.43	11.60		22.94
			7	8.18	1.43	9.61		22.94
			8	7.01	1.43	8.44		22.94
			9	7.00	1.43	8.43		22.94
	5550	110	0	14.13	1.43	15.56	12.00	22.94
			1	14.15	1.43	15.58		22.94
			2	14.18	1.43	15.61		22.94
			3	13.95	1.43	15.38		22.94
			4	14.04	1.43	15.47		22.94
			5	14.03	1.43	15.46		22.94
			6	14.09	1.43	15.52		22.94
			7	12.02	1.43	13.45		22.94
			8	10.88	1.43	12.31		22.94
			9	11.17	1.43	12.60		22.94
	5710	142	0	15.31	1.43	16.74	12.00	22.94
			1	15.58	1.43	17.01		22.94
			2	15.63	1.43	17.06		22.94
			3	15.54	1.43	16.97		22.94
			4	15.63	1.43	17.06		22.94
			5	15.67	1.43	17.10		22.94
			6	15.68	1.43	17.11		22.94
			7	13.66	1.43	15.09		22.94
			8	12.54	1.43	13.97		22.94
			9	12.56	1.43	13.99		22.94

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5755	151	0	15.56	1.48	17.04	1.00	30.00
			1	15.84	1.48	17.32		30.00
			2	15.65	1.48	17.13		30.00
			3	15.64	1.48	17.12		30.00
			4	15.51	1.48	16.99		30.00
			5	15.84	1.48	17.32		30.00
			6	15.61	1.48	17.09		30.00
			7	13.88	1.48	15.36		30.00
			8	12.61	1.48	14.09		30.00
			9	12.57	1.48	14.05		30.00
	5795	159	0	17.42	1.48	18.90	15.00	30.00
			1	17.54	1.48	19.02		30.00
			2	17.55	1.48	19.03		30.00
			3	17.40	1.48	18.88		30.00
			4	17.40	1.48	18.88		30.00
			5	17.43	1.48	18.91		30.00
			6	17.49	1.48	18.97		30.00
			7	15.65	1.48	17.13		30.00
			8	14.29	1.48	15.77		30.00
			9	14.37	1.48	15.85		30.00

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5210	42	0	14.67	1.47	16.14	12.80	22.96
			1	15.06	1.47	16.53		22.96
			2	14.67	1.47	16.14		22.96
			3	14.65	1.47	16.12		22.96
			4	14.84	1.47	16.31		22.96
			5	14.88	1.47	16.35		22.96
			6	14.89	1.47	16.36		22.96
			7	12.93	1.47	14.40		22.96
			8	11.95	1.47	13.42		22.96
			9	11.71	1.47	13.18		22.96

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5290	58	0	10.08	1.49	11.57	9.00	22.99
			1	10.15	1.49	11.64		22.99
			2	10.21	1.49	11.70		22.99
			3	10.56	1.49	12.05		22.99
			4	10.25	1.49	11.74		22.99
			5	10.64	1.49	12.13		22.99
			6	10.27	1.49	11.76		22.99
			7	8.27	1.49	9.76		22.99
			8	7.21	1.49	8.70		22.99
			9	6.99	1.49	8.48		22.99

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5530	106	0	11.19	1.43	12.62	10.00	22.94
			1	11.63	1.43	13.06		22.94
			2	11.62	1.43	13.05		22.94
			3	11.57	1.43	13.00		22.94
			4	11.83	1.43	13.26		22.94
			5	11.82	1.43	13.25		22.94
			6	11.74	1.43	13.17		22.94
			7	9.66	1.43	11.09		22.94
			8	8.46	1.43	9.89		22.94
			9	8.51	1.43	9.94		22.94
	5690	138	0	14.94	1.43	16.37	15.00	22.94
			1	15.45	1.43	16.88		22.94
			2	15.34	1.43	16.77		22.94
			3	15.34	1.43	16.77		22.94
			4	15.57	1.43	17.00		22.94
			5	15.41	1.43	16.84		22.94
			6	15.33	1.43	16.76		22.94
			7	13.52	1.43	14.95		22.94
			8	12.46	1.43	13.89		22.94
			9	12.52	1.43	13.95		22.94

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5775	155	0	16.86	1.48	18.34	15.00	30.00
			1	17.04	1.48	18.52		30.00
			2	16.93	1.48	18.41		30.00
			3	16.89	1.48	18.37		30.00
			4	17.13	1.48	18.61		30.00
			5	17.19	1.48	18.67		30.00
			6	16.97	1.48	18.45		30.00
			7	15.04	1.48	16.52		30.00
			8	14.09	1.48	15.57		30.00
			9	14.11	1.48	15.59		30.00

[Ant2]

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	6	10.34	1.48	11.82	9.50	22.96
			9	10.65	1.48	12.13		22.96
			12	10.46	1.48	11.94		22.96
			18	10.49	1.48	11.97		22.96
			24	10.49	1.48	11.97		22.96
			36	10.50	1.48	11.98		22.96
			48	8.40	1.48	9.88		22.96
			54	8.43	1.48	9.91		22.96
	5200	40	6	11.10	1.48	12.58	9.50	22.96
			9	10.96	1.48	12.44		22.96
			12	11.00	1.48	12.48		22.96
			18	10.78	1.48	12.26		22.96
			24	10.78	1.48	12.26		22.96
			36	10.74	1.48	12.22		22.96
			48	10.81	1.48	12.29		22.96
			54	8.73	1.48	10.21		22.96
	5240	48	6	12.26	1.48	13.74	9.50	22.96
			9	12.59	1.48	14.07		22.96
			12	12.60	1.48	14.08		22.96
			18	12.28	1.48	13.76		22.96
			24	12.38	1.48	13.86		22.96
			36	12.39	1.48	13.87		22.96
			48	10.41	1.48	11.89		22.96
			54	10.44	1.48	11.92		22.96

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	6	14.44	1.78	16.22	13.00	22.99
			9	14.50	1.78	16.28		22.99
			12	14.49	1.78	16.27		22.99
			18	14.53	1.78	16.31		22.99
			24	14.48	1.78	16.26		22.99
			36	14.32	1.78	16.10		22.99
			48	12.61	1.78	14.39		22.99
			54	12.56	1.78	14.34		22.99
	5300	60	6	14.10	1.78	15.88	13.00	22.99
			9	14.32	1.78	16.10		22.99
			12	14.13	1.78	15.91		22.99
			18	14.21	1.78	15.99		22.99
			24	14.20	1.78	15.98		22.99
			36	14.08	1.78	15.86		22.99
			48	12.06	1.78	13.84		22.99
			54	11.92	1.78	13.70		22.99
	5320	64	6	12.93	1.78	14.71	13.50	22.99
			9	13.20	1.78	14.98		22.99
			12	13.20	1.78	14.98		22.99
			18	12.74	1.78	14.52		22.99
			24	12.97	1.78	14.75		22.99
			36	13.39	1.78	15.17		22.99
			48	11.09	1.78	12.87		22.99
			54	11.06	1.78	12.84		22.99

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	6	13.19	1.47	14.66	11.50	22.94
			9	13.49	1.47	14.96		22.94
			12	13.28	1.47	14.75		22.94
			18	13.30	1.47	14.77		22.94
			24	13.18	1.47	14.65		22.94
			36	13.30	1.47	14.77		22.94
			48	11.01	1.47	12.48		22.94
			54	11.02	1.47	12.49		22.94
	5580	116	6	13.10	1.47	14.57	11.50	22.94
			9	13.11	1.47	14.58		22.94
			12	13.13	1.47	14.60		22.94
			18	13.20	1.47	14.67		22.94
			24	13.08	1.47	14.55		22.94
			36	12.99	1.47	14.46		22.94
			48	10.99	1.47	12.46		22.94
			54	11.00	1.47	12.47		22.94
	5720	144	6	12.92	1.47	14.39	11.50	22.94
			9	13.60	1.47	15.07		22.94
			12	13.39	1.47	14.86		22.94
			18	13.42	1.47	14.89		22.94
			24	13.42	1.47	14.89		22.94
			36	13.59	1.47	15.06		22.94
			48	11.54	1.47	13.01		22.94
			54	11.32	1.47	12.79		22.94

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	6	15.15	1.47	16.62	13.00	30.00
			9	15.26	1.47	16.73		30.00
			12	15.21	1.47	16.68		30.00
			18	15.14	1.47	16.61		30.00
			24	15.23	1.47	16.70		30.00
			36	15.28	1.47	16.75		30.00
			48	13.11	1.47	14.58		30.00
			54	13.38	1.47	14.85		30.00
	5785	157	6	14.17	1.47	15.64	13.00	30.00
			9	15.03	1.47	16.50		30.00
			12	14.92	1.47	16.39		30.00
			18	14.86	1.47	16.33		30.00
			24	14.83	1.47	16.30		30.00
			36	14.86	1.47	16.33		30.00
			48	12.89	1.47	14.36		30.00
			54	12.93	1.47	14.40		30.00
	5825	165	6	14.77	1.47	16.24	15.00	30.00
			9	15.07	1.47	16.54		30.00
			12	15.09	1.47	16.56		30.00
			18	14.97	1.47	16.44		30.00
			24	14.97	1.47	16.44		30.00
			36	15.05	1.47	16.52		30.00
			48	13.02	1.47	14.49		30.00
			54	13.06	1.47	14.53		30.00

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	12.37	1.48	13.85	9.50	22.96
			1	12.43	1.48	13.91		22.96
			2	12.10	1.48	13.58		22.96
			3	12.17	1.48	13.65		22.96
			4	12.19	1.48	13.67		22.96
			5	12.13	1.48	13.61		22.96
			6	10.13	1.48	11.61		22.96
			7	10.06	1.48	11.54		22.96
	5200	40	0	9.87	1.48	11.35	9.50	22.96
			1	10.83	1.48	12.31		22.96
			2	10.92	1.48	12.40		22.96
			3	10.91	1.48	12.39		22.96
			4	11.00	1.48	12.48		22.96
			5	10.82	1.48	12.30		22.96
			6	8.97	1.48	10.45		22.96
			7	8.97	1.48	10.45		22.96
	5240	48	0	12.16	1.48	13.64	11.00	22.96
			1	12.25	1.48	13.73		22.96
			2	12.33	1.48	13.81		22.96
			3	12.07	1.48	13.55		22.96
			4	12.06	1.48	13.54		22.96
			5	12.36	1.48	13.84		22.96
			6	10.35	1.48	11.83		22.96
			7	10.38	1.48	11.86		22.96

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	0	14.56	1.78	16.34	13.50	22.99
			1	14.34	1.78	16.12		22.99
			2	14.37	1.78	16.15		22.99
			3	14.31	1.78	16.09		22.99
			4	14.58	1.78	16.36		22.99
			5	14.67	1.78	16.45		22.99
			6	12.35	1.78	14.13		22.99
			7	12.33	1.78	14.11		22.99
	5300	60	0	12.55	1.78	14.33	14.00	22.99
			1	12.47	1.78	14.25		22.99
			2	12.47	1.78	14.25		22.99
			3	12.45	1.78	14.23		22.99
			4	12.37	1.78	14.15		22.99
			5	12.36	1.78	14.14		22.99
			6	10.32	1.78	12.10		22.99
			7	10.36	1.78	12.14		22.99
	5320	64	0	12.21	1.78	13.99	14.50	22.99
			1	12.77	1.78	14.55		22.99
			2	12.60	1.78	14.38		22.99
			3	12.63	1.78	14.41		22.99
			4	12.55	1.78	14.33		22.99
			5	12.62	1.78	14.40		22.99
			6	10.52	1.78	12.30		22.99
			7	10.36	1.78	12.14		22.99

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	0	13.56	1.47	15.03	12.50	22.94
			1	13.72	1.47	15.19		22.94
			2	13.69	1.47	15.16		22.94
			3	13.65	1.47	15.12		22.94
			4	13.58	1.47	15.05		22.94
			5	13.64	1.47	15.11		22.94
			6	11.69	1.47	13.16		22.94
			7	11.62	1.47	13.09		22.94
	5580	116	0	13.93	1.47	15.40	12.50	22.94
			1	14.21	1.47	15.68		22.94
			2	14.19	1.47	15.66		22.94
			3	14.17	1.47	15.64		22.94
			4	14.18	1.47	15.65		22.94
			5	14.08	1.47	15.55		22.94
			6	12.09	1.47	13.56		22.94
			7	12.14	1.47	13.61		22.94
	5720	144	0	14.66	1.47	16.13	12.50	22.94
			1	15.05	1.47	16.52		22.94
			2	15.10	1.47	16.57		22.94
			3	14.88	1.47	16.35		22.94
			4	14.93	1.47	16.40		22.94
			5	14.82	1.47	16.29		22.94
			6	12.92	1.47	14.39		22.94
			7	12.87	1.47	14.34		22.94

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	15.13	1.47	16.60	13.00	30.00
			1	15.42	1.47	16.89		30.00
			2	15.25	1.47	16.72		30.00
			3	15.28	1.47	16.75		30.00
			4	15.29	1.47	16.76		30.00
			5	15.21	1.47	16.68		30.00
			6	13.34	1.47	14.81		30.00
			7	13.14	1.47	14.61		30.00
	5785	157	0	14.81	1.47	16.28	13.00	30.00
			1	15.14	1.47	16.61		30.00
			2	14.96	1.47	16.43		30.00
			3	15.02	1.47	16.49		30.00
			4	14.98	1.47	16.45		30.00
			5	15.04	1.47	16.51		30.00
			6	13.02	1.47	14.49		30.00
			7	13.04	1.47	14.51		30.00
	5825	165	0	14.80	1.47	16.27	15.00	30.00
			1	15.12	1.47	16.59		30.00
			2	15.09	1.47	16.56		30.00
			3	14.88	1.47	16.35		30.00
			4	15.00	1.47	16.47		30.00
			5	15.22	1.47	16.69		30.00
			6	13.20	1.47	14.67		30.00
			7	13.00	1.47	14.47		30.00

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5190	38	0	13.38	1.48	14.86	11.00	22.96
			1	13.61	1.48	15.09		22.96
			2	13.59	1.48	15.07		22.96
			3	13.61	1.48	15.09		22.96
			4	13.43	1.48	14.91		22.96
			5	13.38	1.48	14.86		22.96
			6	11.46	1.48	12.94		22.96
			7	11.54	1.48	13.02		22.96
	5230	46	0	12.78	1.48	14.26	11.00	22.96
			1	12.89	1.48	14.37		22.96
			2	12.91	1.48	14.39		22.96
			3	12.64	1.48	14.12		22.96
			4	12.72	1.48	14.20		22.96
			5	12.77	1.48	14.25		22.96
			6	10.69	1.48	12.17		22.96
			7	10.51	1.48	11.99		22.96

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5270	54	0	13.08	1.78	14.86	12.00	22.99
			1	13.67	1.78	15.45		22.99
			2	13.33	1.78	15.11		22.99
			3	13.71	1.78	15.49		22.99
			4	13.49	1.78	15.27		22.99
			5	13.51	1.78	15.29		22.99
			6	11.42	1.78	13.20		22.99
			7	11.44	1.78	13.22		22.99
	5310	62	0	13.12	1.78	14.90	12.00	22.99
			1	13.19	1.78	14.97		22.99
			2	13.26	1.78	15.04		22.99
			3	12.99	1.78	14.77		22.99
			4	13.06	1.78	14.84		22.99
			5	12.93	1.78	14.71		22.99
			6	10.93	1.78	12.71		22.99
			7	10.86	1.78	12.64		22.99

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5510	102	0	10.69	1.47	12.16	9.00	22.94
			1	11.04	1.47	12.51		22.94
			2	10.82	1.47	12.29		22.94
			3	10.84	1.47	12.31		22.94
			4	10.75	1.47	12.22		22.94
			5	10.68	1.47	12.15		22.94
			6	8.81	1.47	10.28		22.94
			7	8.77	1.47	10.24		22.94
	5550	110	0	13.30	1.47	14.77	12.00	22.94
			1	13.65	1.47	15.12		22.94
			2	13.53	1.47	15.00		22.94
			3	13.63	1.47	15.10		22.94
			4	13.53	1.47	15.00		22.94
			5	13.58	1.47	15.05		22.94
			6	11.51	1.47	12.98		22.94
			7	11.50	1.47	12.97		22.94
	5710	142	0	14.01	1.47	15.48	12.00	22.94
			1	14.28	1.47	15.75		22.94
			2	14.11	1.47	15.58		22.94
			3	14.20	1.47	15.67		22.94
			4	14.13	1.47	15.60		22.94
			5	14.21	1.47	15.68		22.94
			6	12.13	1.47	13.60		22.94
			7	12.17	1.47	13.64		22.94

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5755	151	0	15.17	1.47	16.64	13.00	30.00
			1	15.44	1.47	16.91		30.00
			2	15.42	1.47	16.89		30.00
			3	15.31	1.47	16.78		30.00
			4	15.31	1.47	16.78		30.00
			5	15.41	1.47	16.88		30.00
			6	13.35	1.47	14.82		30.00
			7	13.26	1.47	14.73		30.00
	5795	159	0	16.88	1.47	18.35	15.00	30.00
			1	17.08	1.47	18.55		30.00
			2	17.11	1.47	18.58		30.00
			3	16.97	1.47	18.44		30.00
			4	17.23	1.47	18.70		30.00
			5	17.25	1.47	18.72		30.00
			6	15.13	1.47	16.60		30.00
			7	15.04	1.47	16.51		30.00

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	11.14	1.48	12.62	9.50	22.96
			1	11.33	1.48	12.81		22.96
			2	11.30	1.48	12.78		22.96
			3	11.27	1.48	12.75		22.96
			4	11.23	1.48	12.71		22.96
			5	10.97	1.48	12.45		22.96
			6	11.07	1.48	12.55		22.96
			7	8.98	1.48	10.46		22.96
			8	7.85	1.48	9.33		22.96
	5200	40	0	9.98	1.48	11.46	9.50	22.96
			1	11.14	1.48	12.62		22.96
			2	11.22	1.48	12.70		22.96
			3	11.20	1.48	12.68		22.96
			4	11.24	1.48	12.72		22.96
			5	11.27	1.48	12.75		22.96
			6	11.30	1.48	12.78		22.96
			7	9.30	1.48	10.78		22.96
			8	8.23	1.48	9.71		22.96
	5240	48	0	12.20	1.48	13.68	11.00	22.96
			1	12.31	1.48	13.79		22.96
			2	12.34	1.48	13.82		22.96
			3	12.11	1.48	13.59		22.96
			4	12.17	1.48	13.65		22.96
			5	12.14	1.48	13.62		22.96
			6	12.19	1.48	13.67		22.96
			7	10.22	1.48	11.70		22.96
			8	9.18	1.48	10.66		22.96

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	0	14.76	1.78	16.54	13.50	22.99
			1	14.87	1.78	16.65		22.99
			2	14.83	1.78	16.61		22.99
			3	14.80	1.78	16.58		22.99
			4	14.78	1.78	16.56		22.99
			5	14.83	1.78	16.61		22.99
			6	14.90	1.78	16.68		22.99
			7	12.58	1.78	14.36		22.99
			8	11.57	1.78	13.35		22.99
	5300	60	0	14.52	1.78	16.30	13.50	22.99
			1	14.61	1.78	16.39		22.99
			2	14.38	1.78	16.16		22.99
			3	14.35	1.78	16.13		22.99
			4	14.46	1.78	16.24		22.99
			5	14.48	1.78	16.26		22.99
			6	14.48	1.78	16.26		22.99
			7	12.42	1.78	14.20		22.99
			8	11.36	1.78	13.14		22.99
	5320	64	0	14.39	1.78	16.17	13.50	22.99
			1	14.44	1.78	16.22		22.99
			2	14.50	1.78	16.28		22.99
			3	14.19	1.78	15.97		22.99
			4	14.46	1.78	16.24		22.99
			5	14.24	1.78	16.02		22.99
			6	14.27	1.78	16.05		22.99
			7	12.57	1.78	14.35		22.99
			8	11.23	1.78	13.01		22.99

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	0	13.69	1.47	15.16	12.50	22.94
			1	13.69	1.47	15.16		22.94
			2	13.73	1.47	15.20		22.94
			3	13.55	1.47	15.02		22.94
			4	13.63	1.47	15.10		22.94
			5	13.68	1.47	15.15		22.94
			6	13.64	1.47	15.11		22.94
			7	11.58	1.47	13.05		22.94
			8	10.37	1.47	11.84		22.94
	5580	116	0	13.27	1.47	14.74	12.00	22.94
			1	13.60	1.47	15.07		22.94
			2	13.60	1.47	15.07		22.94
			3	13.58	1.47	15.05		22.94
			4	13.46	1.47	14.93		22.94
			5	13.45	1.47	14.92		22.94
			6	13.50	1.47	14.97		22.94
			7	11.47	1.47	12.94		22.94
			8	10.44	1.47	11.91		22.94
	5720	144	0	14.23	1.47	15.70	12.50	22.94
			1	14.57	1.47	16.04		22.94
			2	14.57	1.47	16.04		22.94
			3	14.38	1.47	15.85		22.94
			4	14.44	1.47	15.91		22.94
			5	14.49	1.47	15.96		22.94
			6	14.50	1.47	15.97		22.94
			7	12.48	1.47	13.95		22.94
			8	11.36	1.47	12.83		22.94

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	15.21	1.47	16.68	13.00	30.00
			1	15.26	1.47	16.73		30.00
			2	15.29	1.47	16.76		30.00
			3	15.09	1.47	16.56		30.00
			4	15.40	1.47	16.87		30.00
			5	15.45	1.47	16.92		30.00
			6	15.22	1.47	16.69		30.00
			7	13.21	1.47	14.68		30.00
			8	12.33	1.47	13.80		30.00
	5785	157	0	14.71	1.47	16.18	13.00	30.00
			1	14.99	1.47	16.46		30.00
			2	15.07	1.47	16.54		30.00
			3	14.97	1.47	16.44		30.00
			4	15.24	1.47	16.71		30.00
			5	15.00	1.47	16.47		30.00
			6	15.01	1.47	16.48		30.00
			7	13.09	1.47	14.56		30.00
			8	11.90	1.47	13.37		30.00
	5825	165	0	14.85	1.47	16.32	15.00	30.00
			1	14.98	1.47	16.45		30.00
			2	14.99	1.47	16.46		30.00
			3	14.79	1.47	16.26		30.00
			4	15.25	1.47	16.72		30.00
			5	15.25	1.47	16.72		30.00
			6	15.16	1.47	16.63		30.00
			7	13.25	1.47	14.72		30.00
			8	12.16	1.47	13.63		30.00

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5190	38	0	13.91	1.48	15.39	12.00	22.96
			1	14.37	1.48	15.85		22.96
			2	14.36	1.48	15.84		22.96
			3	14.33	1.48	15.81		22.96
			4	14.36	1.48	15.84		22.96
			5	14.20	1.48	15.68		22.96
			6	14.52	1.48	16.00		22.96
			7	12.27	1.48	13.75		22.96
			8	11.09	1.48	12.57		22.96
			9	11.14	1.48	12.62		22.96
	5230	46	0	13.52	1.48	15.00	12.00	22.96
			1	13.56	1.48	15.04		22.96
			2	13.50	1.48	14.98		22.96
			3	13.49	1.48	14.97		22.96
			4	13.57	1.48	15.05		22.96
			5	13.57	1.48	15.05		22.96
			6	13.21	1.48	14.69		22.96
			7	11.41	1.48	12.89		22.96
			8	10.19	1.48	11.67		22.96
			9	10.41	1.48	11.89		22.96

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5270	54	0	12.94	1.78	14.72	12.00	22.99
			1	13.13	1.78	14.91		22.99
			2	13.29	1.78	15.07		22.99
			3	13.31	1.78	15.09		22.99
			4	13.14	1.78	14.92		22.99
			5	13.15	1.78	14.93		22.99
			6	13.40	1.78	15.18		22.99
			7	11.44	1.78	13.22		22.99
			8	10.45	1.78	12.23		22.99
			9	10.47	1.78	12.25		22.99
	5310	62	0	11.39	1.78	13.17	10.50	22.99
			1	11.76	1.78	13.54		22.99
			2	11.68	1.78	13.46		22.99
			3	11.66	1.78	13.44		22.99
			4	11.76	1.78	13.54		22.99
			5	11.76	1.78	13.54		22.99
			6	11.55	1.78	13.33		22.99
			7	9.68	1.78	11.46		22.99
			8	8.59	1.78	10.37		22.99
			9	7.99	1.78	9.77		22.99

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5510	102	0	9.38	1.47	10.85	8.00	22.94
			1	9.64	1.47	11.11		22.94
			2	9.92	1.47	11.39		22.94
			3	9.80	1.47	11.27		22.94
			4	9.80	1.47	11.27		22.94
			5	9.79	1.47	11.26		22.94
			6	9.56	1.47	11.03		22.94
			7	7.83	1.47	9.30		22.94
			8	6.29	1.47	7.76		22.94
			9	6.40	1.47	7.87		22.94
	5550	110	0	12.68	1.47	14.15	12.00	22.94
			1	13.24	1.47	14.71		22.94
			2	13.23	1.47	14.70		22.94
			3	13.16	1.47	14.63		22.94
			4	13.20	1.47	14.67		22.94
			5	13.25	1.47	14.72		22.94
			6	13.13	1.47	14.60		22.94
			7	11.38	1.47	12.85		22.94
			8	10.21	1.47	11.68		22.94
			9	10.20	1.47	11.67		22.94
	5710	142	0	13.73	1.47	15.20	12.00	22.94
			1	14.00	1.47	15.47		22.94
			2	14.07	1.47	15.54		22.94
			3	14.08	1.47	15.55		22.94
			4	14.03	1.47	15.50		22.94
			5	13.90	1.47	15.37		22.94
			6	13.97	1.47	15.44		22.94
			7	12.23	1.47	13.70		22.94
			8	11.10	1.47	12.57		22.94
			9	10.87	1.47	12.34		22.94

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5755	151	0	15.01	1.47	16.48	1.00	30.00
			1	15.28	1.47	16.75		30.00
			2	15.33	1.47	16.80		30.00
			3	15.31	1.47	16.78		30.00
			4	15.36	1.47	16.83		30.00
			5	15.37	1.47	16.84		30.00
			6	15.37	1.47	16.84		30.00
			7	13.43	1.47	14.90		30.00
			8	12.17	1.47	13.64		30.00
			9	12.21	1.47	13.68		30.00
	5795	159	0	16.75	1.47	18.22	15.00	30.00
			1	17.07	1.47	18.54		30.00
			2	17.09	1.47	18.56		30.00
			3	17.08	1.47	18.55		30.00
			4	17.21	1.47	18.68		30.00
			5	17.17	1.47	18.64		30.00
			6	16.79	1.47	18.26		30.00
			7	14.93	1.47	16.40		30.00
			8	13.78	1.47	15.25		30.00
			9	13.75	1.47	15.22		30.00

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5210	42	0	12.94	1.48	14.42	12.80	22.96
			1	13.61	1.48	15.09		22.96
			2	13.49	1.48	14.97		22.96
			3	13.63	1.48	15.11		22.96
			4	13.69	1.48	15.17		22.96
			5	13.63	1.48	15.11		22.96
			6	13.61	1.48	15.09		22.96
			7	11.54	1.48	13.02		22.96
			8	10.41	1.48	11.89		22.96
			9	10.42	1.48	11.90		22.96

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5290	58	0	9.33	1.78	11.11	9.00	22.99
			1	9.61	1.78	11.39		22.99
			2	9.75	1.78	11.53		22.99
			3	9.61	1.78	11.39		22.99
			4	9.65	1.78	11.43		22.99
			5	9.71	1.78	11.49		22.99
			6	9.67	1.78	11.45		22.99
			7	7.71	1.78	9.49		22.99
			8	6.34	1.78	8.12		22.99
			9	6.32	1.78	8.10		22.99

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5530	106	0	10.78	1.47	12.25	10.00	22.94
			1	11.11	1.47	12.58		22.94
			2	10.93	1.47	12.40		22.94
			3	10.95	1.47	12.42		22.94
			4	11.27	1.47	12.74		22.94
			5	10.98	1.47	12.45		22.94
			6	11.02	1.47	12.49		22.94
			7	8.94	1.47	10.41		22.94
			8	7.88	1.47	9.35		22.94
			9	7.93	1.47	9.40		22.94
	5690	138	0	15.45	1.47	16.92	15.00	22.94
			1	15.23	1.47	16.70		22.94
			2	15.27	1.47	16.74		22.94
			3	15.23	1.47	16.70		22.94
			4	15.32	1.47	16.79		22.94
			5	15.33	1.47	16.80		22.94
			6	15.14	1.47	16.61		22.94
			7	13.15	1.47	14.62		22.94
			8	12.27	1.47	13.74		22.94
			9	12.01	1.47	13.48		22.94

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)				
Band	Frequency [MHz]	Channel No.		Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5775	155	0	16.07	1.47	17.54	15.00	30.00
			1	16.44	1.47	17.91		30.00
			2	16.41	1.47	17.88		30.00
			3	16.40	1.47	17.87		30.00
			4	16.63	1.47	18.10		30.00
			5	16.67	1.47	18.14		30.00
			6	16.68	1.47	18.15		30.00
			7	14.37	1.47	15.84		30.00
			8	13.60	1.47	15.07		30.00
			9	13.66	1.47	15.13		30.00

[MIMO]

802.11a Mode			Rate (Mbps)	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 1	5180	36	6	15.01	4.49	19.50	22.96
			9	15.32	4.49	19.81	22.96
			12	15.11	4.49	19.60	22.96
			18	15.09	4.49	19.58	22.96
			24	15.12	4.49	19.61	22.96
			36	15.15	4.49	19.64	22.96
			48	13.10	4.49	17.59	22.96
			54	13.12	4.49	17.61	22.96
	5200	40	6	15.56	4.49	20.05	22.96
			9	15.26	4.49	19.75	22.96
			12	15.31	4.49	19.80	22.96
			18	15.24	4.49	19.73	22.96
			24	15.11	4.49	19.60	22.96
			36	15.16	4.49	19.65	22.96
			48	13.99	4.49	18.48	22.96
			54	13.15	4.49	17.64	22.96
	5240	48	6	15.36	4.49	19.85	22.96
			9	15.67	4.49	20.16	22.96
			12	15.69	4.49	20.18	22.96
			18	15.40	4.49	19.89	22.96
			24	15.47	4.49	19.96	22.96
			36	15.46	4.49	19.95	22.96
			48	13.45	4.49	17.94	22.96
			54	13.35	4.49	17.84	22.96

802.11a Mode			Rate (Mbps)	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2A	5260	52	6	17.80	4.65	22.45	22.99
			9	17.85	4.65	22.50	22.99
			12	17.81	4.65	22.46	22.99
			18	17.86	4.65	22.51	22.99
			24	17.83	4.65	22.48	22.99
			36	17.86	4.65	22.51	22.99
			48	15.85	4.65	20.50	22.99
			54	15.87	4.65	20.52	22.99
	5300	60	6	17.42	4.65	22.07	22.99
			9	17.54	4.65	22.19	22.99
			12	17.44	4.65	22.09	22.99
			18	17.50	4.65	22.15	22.99
			24	17.38	4.65	22.03	22.99
			36	17.37	4.65	22.02	22.99
			48	15.40	4.65	20.05	22.99
			54	15.32	4.65	19.97	22.99
	5320	64	6	16.74	4.65	21.39	22.99
			9	17.08	4.65	21.73	22.99
			12	17.06	4.65	21.71	22.99
			18	16.84	4.65	21.49	22.99
			24	16.93	4.65	21.58	22.99
			36	17.25	4.65	21.90	22.99
			48	15.00	4.65	19.65	22.99
			54	14.97	4.65	19.62	22.99

802.11a Mode			Rate (Mbps)	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2C	5500	100	6	16.45	4.46	20.91	22.94
			9	16.70	4.46	21.16	22.94
			12	16.67	4.46	21.13	22.94
			18	16.67	4.46	21.13	22.94
			24	16.51	4.46	20.97	22.94
			36	16.62	4.46	21.08	22.94
			48	14.51	4.46	18.97	22.94
			54	14.50	4.46	18.96	22.94
	5580	116	6	16.30	4.46	20.76	22.94
			9	16.44	4.46	20.90	22.94
			12	16.31	4.46	20.77	22.94
			18	16.39	4.46	20.85	22.94
			24	16.35	4.46	20.81	22.94
			36	16.36	4.46	20.82	22.94
			48	14.27	4.46	18.73	22.94
			54	14.30	4.46	18.76	22.94
	5720	144	6	16.74	4.46	21.20	22.94
			9	17.09	4.46	21.55	22.94
			12	16.82	4.46	21.28	22.94
			18	16.83	4.46	21.29	22.94
			24	16.84	4.46	21.30	22.94
			36	16.95	4.46	21.41	22.94
			48	14.99	4.46	19.45	22.94
			54	14.80	4.46	19.26	22.94

802.11a Mode			Rate (Mbps)	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 3	5745	149	6	18.32	4.49	22.81	30.00
			9	18.51	4.49	23.00	30.00
			12	18.45	4.49	22.94	30.00
			18	18.44	4.49	22.93	30.00
			24	18.39	4.49	22.88	30.00
			36	18.54	4.49	23.03	30.00
			48	16.56	4.49	21.05	30.00
			54	16.58	4.49	21.07	30.00
	5785	157	6	17.81	4.49	22.30	30.00
			9	18.40	4.49	22.89	30.00
			12	18.29	4.49	22.78	30.00
			18	18.29	4.49	22.78	30.00
			24	18.22	4.49	22.71	30.00
			36	18.25	4.49	22.74	30.00
			48	16.42	4.49	20.91	30.00
			54	16.33	4.49	20.82	30.00
	5825	165	6	17.29	4.49	21.78	30.00
			9	17.45	4.49	21.94	30.00
			12	17.51	4.49	22.00	30.00
			18	17.42	4.49	21.91	30.00
			24	17.36	4.49	21.85	30.00
			36	17.45	4.49	21.94	30.00
			48	15.44	4.49	19.93	30.00
			54	15.50	4.49	19.99	30.00

802.11n(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 1	5180	36	0	15.74	4.49	20.23	22.96
			1	15.78	4.49	20.27	22.96
			2	15.64	4.49	20.13	22.96
			3	15.69	4.49	20.18	22.96
			4	16.03	4.49	20.52	22.96
			5	16.04	4.49	20.53	22.96
			6	13.87	4.49	18.36	22.96
			7	13.66	4.49	18.15	22.96
	5200	40	0	15.00	4.49	19.49	22.96
			1	15.03	4.49	19.52	22.96
			2	15.07	4.49	19.56	22.96
			3	15.09	4.49	19.58	22.96
			4	15.57	4.49	20.06	22.96
			5	15.57	4.49	20.06	22.96
			6	13.43	4.49	17.92	22.96
			7	13.46	4.49	17.95	22.96
	5240	48	0	15.14	4.49	19.63	22.96
			1	16.09	4.49	20.58	22.96
			2	15.97	4.49	20.46	22.96
			3	15.87	4.49	20.36	22.96
			4	15.91	4.49	20.40	22.96
			5	16.03	4.49	20.52	22.96
			6	14.13	4.49	18.62	22.96
			7	14.12	4.49	18.61	22.96

802.11n(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2A	5260	52	0	17.89	4.65	22.54	22.99
			1	17.98	4.65	22.63	22.99
			2	18.02	4.65	22.67	22.99
			3	17.99	4.65	22.64	22.99
			4	18.13	4.65	22.78	22.99
			5	18.18	4.65	22.83	22.99
			6	16.06	4.65	20.71	22.99
			7	16.09	4.65	20.74	22.99
	5300	60	0	17.00	4.65	21.65	22.99
			1	17.18	4.65	21.83	22.99
			2	17.13	4.65	21.78	22.99
			3	17.11	4.65	21.76	22.99
			4	17.47	4.65	22.12	22.99
			5	17.44	4.65	22.09	22.99
			6	15.58	4.65	20.23	22.99
			7	15.58	4.65	20.23	22.99
	5320	64	0	16.53	4.65	21.18	22.99
			1	16.75	4.65	21.40	22.99
			2	16.70	4.65	21.35	22.99
			3	16.72	4.65	21.37	22.99
			4	16.93	4.65	21.58	22.99
			5	16.96	4.65	21.61	22.99
			6	14.84	4.65	19.49	22.99
			7	14.78	4.65	19.43	22.99

802.11n(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2C	5500	100	0	17.14	4.46	21.60	22.94
			1	17.36	4.46	21.82	22.94
			2	17.38	4.46	21.84	22.94
			3	17.37	4.46	21.83	22.94
			4	17.31	4.46	21.77	22.94
			5	17.36	4.46	21.82	22.94
			6	15.29	4.46	19.75	22.94
			7	15.30	4.46	19.76	22.94
	5580	116	0	16.82	4.46	21.28	22.94
			1	17.09	4.46	21.55	22.94
			2	17.10	4.46	21.56	22.94
			3	16.99	4.46	21.45	22.94
			4	17.01	4.46	21.47	22.94
			5	16.96	4.46	21.42	22.94
			6	14.98	4.46	19.44	22.94
			7	14.99	4.46	19.45	22.94
	5720	144	0	17.69	4.46	22.15	22.94
			1	17.99	4.46	22.45	22.94
			2	18.02	4.46	22.48	22.94
			3	17.92	4.46	22.38	22.94
			4	18.06	4.46	22.52	22.94
			5	18.01	4.46	22.47	22.94
			6	16.01	4.46	20.47	22.94
			7	16.02	4.46	20.48	22.94

802.11n(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 3	5745	149	0	18.27	4.49	22.76	30.00
			1	18.45	4.49	22.94	30.00
			2	18.38	4.49	22.87	30.00
			3	18.37	4.49	22.86	30.00
			4	18.51	4.49	23.00	30.00
			5	18.48	4.49	22.97	30.00
			6	16.53	4.49	21.02	30.00
			7	16.31	4.49	20.80	30.00
	5785	157	0	18.16	4.49	22.65	30.00
			1	18.47	4.49	22.96	30.00
			2	18.27	4.49	22.76	30.00
			3	18.31	4.49	22.80	30.00
			4	18.42	4.49	22.91	30.00
			5	18.46	4.49	22.95	30.00
			6	16.47	4.49	20.96	30.00
			7	16.36	4.49	20.85	30.00
	5825	165	0	18.09	4.49	22.58	30.00
			1	18.40	4.49	22.89	30.00
			2	18.38	4.49	22.87	30.00
			3	18.30	4.49	22.79	30.00
			4	18.38	4.49	22.87	30.00
			5	18.49	4.49	22.98	30.00
			6	16.59	4.49	21.08	30.00
			7	16.38	4.49	20.87	30.00

802.11n(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 1	5190	38	0	16.92	4.49	21.41	22.96
			1	17.18	4.49	21.67	22.96
			2	17.08	4.49	21.57	22.96
			3	17.19	4.49	21.68	22.96
			4	17.15	4.49	21.64	22.96
			5	17.15	4.49	21.64	22.96
			6	15.10	4.49	19.59	22.96
			7	15.15	4.49	19.64	22.96
	5230	46	0	16.30	4.49	20.79	22.96
			1	16.39	4.49	20.88	22.96
			2	16.32	4.49	20.81	22.96
			3	16.19	4.49	20.68	22.96
			4	16.22	4.49	20.71	22.96
			5	16.39	4.49	20.88	22.96
			6	14.25	4.49	18.74	22.96
			7	14.19	4.49	18.68	22.96

802.11n(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2A	5270	54	0	16.60	4.65	21.25	22.99
			1	17.04	4.65	21.69	22.99
			2	16.86	4.65	21.51	22.99
			3	17.05	4.65	21.70	22.99
			4	16.99	4.65	21.64	22.99
			5	16.86	4.65	21.51	22.99
			6	14.90	4.65	19.55	22.99
			7	14.90	4.65	19.55	22.99
	5310	62	0	16.37	4.65	21.02	22.99
			1	16.57	4.65	21.22	22.99
			2	16.52	4.65	21.17	22.99
			3	16.37	4.65	21.02	22.99
			4	16.35	4.65	21.00	22.99
			5	16.30	4.65	20.95	22.99
			6	14.35	4.65	19.00	22.99
			7	14.30	4.65	18.95	22.99

802.11n(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2C	5510	102	0	14.06	4.46	18.52	22.94
			1	14.27	4.46	18.73	22.94
			2	14.16	4.46	18.62	22.94
			3	14.19	4.46	18.65	22.94
			4	14.17	4.46	18.63	22.94
			5	14.11	4.46	18.57	22.94
			6	12.03	4.46	16.49	22.94
			7	12.06	4.46	16.52	22.94
	5550	110	0	16.59	4.46	21.05	22.94
			1	16.88	4.46	21.34	22.94
			2	16.83	4.46	21.29	22.94
			3	16.88	4.46	21.34	22.94
			4	16.76	4.46	21.22	22.94
			5	16.89	4.46	21.35	22.94
			6	14.79	4.46	19.25	22.94
			7	14.80	4.46	19.26	22.94
	5710	142	0	17.17	4.46	21.63	22.94
			1	17.41	4.46	21.87	22.94
			2	17.30	4.46	21.76	22.94
			3	17.36	4.46	21.82	22.94
			4	17.39	4.46	21.85	22.94
			5	17.48	4.46	21.94	22.94
			6	15.42	4.46	19.88	22.94
			7	15.44	4.46	19.90	22.94

802.11n(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 3	5755	151	0	18.34	4.49	22.83	30.00
			1	18.50	4.49	22.99	30.00
			2	18.47	4.49	22.96	30.00
			3	18.47	4.49	22.96	30.00
			4	18.46	4.49	22.95	30.00
			5	18.50	4.49	22.99	30.00
			6	16.48	4.49	20.97	30.00
			7	16.57	4.49	21.06	30.00
	5795	159	0	20.02	4.49	24.51	30.00
			1	20.22	4.49	24.71	30.00
			2	20.23	4.49	24.72	30.00
			3	20.19	4.49	24.68	30.00
			4	20.29	4.49	24.78	30.00
			5	20.32	4.49	24.81	30.00
			6	18.28	4.49	22.77	30.00
			7	18.23	4.49	22.72	30.00

802.11ac(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 1	5180	36	0	14.59	4.49	19.08	22.96
			1	14.69	4.49	19.18	22.96
			2	14.71	4.49	19.20	22.96
			3	14.56	4.49	19.05	22.96
			4	15.09	4.49	19.58	22.96
			5	14.98	4.49	19.47	22.96
			6	15.00	4.49	19.49	22.96
			7	12.66	4.49	17.15	22.96
			8	11.51	4.49	16.00	22.96
	5200	40	0	14.01	4.49	18.50	22.96
			1	14.68	4.49	19.17	22.96
			2	14.61	4.49	19.10	22.96
			3	14.60	4.49	19.09	22.96
			4	14.65	4.49	19.14	22.96
			5	14.52	4.49	19.01	22.96
			6	14.55	4.49	19.04	22.96
			7	12.56	4.49	17.05	22.96
			8	11.50	4.49	15.99	22.96
	5240	48	0	15.61	4.49	20.10	22.96
			1	15.71	4.49	20.20	22.96
			2	15.70	4.49	20.19	22.96
			3	15.60	4.49	20.09	22.96
			4	15.96	4.49	20.45	22.96
			5	15.95	4.49	20.44	22.96
			6	15.95	4.49	20.44	22.96
			7	14.09	4.49	18.58	22.96
			8	12.65	4.49	17.14	22.96

802.11ac(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2A	5260	52	0	17.91	4.65	22.56	22.99
			1	18.16	4.65	22.81	22.99
			2	18.13	4.65	22.78	22.99
			3	18.16	4.65	22.81	22.99
			4	18.22	4.65	22.87	22.99
			5	18.27	4.65	22.92	22.99
			6	18.28	4.65	22.93	22.99
			7	16.08	4.65	20.73	22.99
			8	14.97	4.65	19.62	22.99
	5300	60	0	17.66	4.65	22.31	22.99
			1	17.81	4.65	22.46	22.99
			2	17.61	4.65	22.26	22.99
			3	17.69	4.65	22.34	22.99
			4	17.83	4.65	22.48	22.99
			5	17.71	4.65	22.36	22.99
			6	17.74	4.65	22.39	22.99
			7	15.72	4.65	20.37	22.99
			8	14.59	4.65	19.24	22.99
	5320	64	0	17.61	4.65	22.26	22.99
			1	17.84	4.65	22.49	22.99
			2	17.76	4.65	22.41	22.99
			3	17.63	4.65	22.28	22.99
			4	17.81	4.65	22.46	22.99
			5	17.72	4.65	22.37	22.99
			6	17.72	4.65	22.37	22.99
			7	15.87	4.65	20.52	22.99
			8	14.64	4.65	19.29	22.99

802.11ac(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2C	5500	100	0	17.29	4.46	21.75	22.94
			1	17.31	4.46	21.77	22.94
			2	17.33	4.46	21.79	22.94
			3	17.23	4.46	21.69	22.94
			4	17.41	4.46	21.87	22.94
			5	17.24	4.46	21.70	22.94
			6	17.25	4.46	21.71	22.94
			7	15.25	4.46	19.71	22.94
			8	14.10	4.46	18.56	22.94
	5580	116	0	16.50	4.46	20.96	22.94
			1	16.80	4.46	21.26	22.94
			2	16.69	4.46	21.15	22.94
			3	16.74	4.46	21.20	22.94
			4	16.60	4.46	21.06	22.94
			5	16.61	4.46	21.07	22.94
			6	16.66	4.46	21.12	22.94
			7	14.68	4.46	19.14	22.94
			8	13.58	4.46	18.04	22.94
	5720	144	0	17.67	4.46	22.13	22.94
			1	17.97	4.46	22.43	22.94
			2	17.89	4.46	22.35	22.94
			3	17.69	4.46	22.15	22.94
			4	17.78	4.46	22.24	22.94
			5	17.79	4.46	22.25	22.94
			6	17.81	4.46	22.27	22.94
			7	15.79	4.46	20.25	22.94
			8	14.67	4.46	19.13	22.94

802.11ac(20MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 3	5745	149	0	18.38	4.49	22.87	30.00
			1	18.54	4.49	23.03	30.00
			2	18.44	4.49	22.93	30.00
			3	18.35	4.49	22.84	30.00
			4	18.60	4.49	23.09	30.00
			5	18.61	4.49	23.10	30.00
			6	18.41	4.49	22.90	30.00
			7	16.49	4.49	20.98	30.00
			8	15.50	4.49	19.99	30.00
	5785	157	0	18.10	4.49	22.59	30.00
			1	18.28	4.49	22.77	30.00
			2	18.35	4.49	22.84	30.00
			3	18.31	4.49	22.80	30.00
			4	18.56	4.49	23.05	30.00
			5	18.46	4.49	22.95	30.00
			6	18.30	4.49	22.79	30.00
			7	16.44	4.49	20.93	30.00
			8	15.17	4.49	19.66	30.00
	5825	165	0	18.09	4.49	22.58	30.00
			1	18.30	4.49	22.79	30.00
			2	18.32	4.49	22.81	30.00
			3	18.18	4.49	22.67	30.00
			4	18.54	4.49	23.03	30.00
			5	18.54	4.49	23.03	30.00
			6	18.46	4.49	22.95	30.00
			7	16.28	4.49	20.77	30.00
			8	15.37	4.49	19.86	30.00

802.11ac(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 1	5190	38	0	17.68	4.49	22.17	22.96
			1	17.92	4.49	22.41	22.96
			2	17.89	4.49	22.38	22.96
			3	17.75	4.49	22.24	22.96
			4	17.85	4.49	22.34	22.96
			5	17.77	4.49	22.26	22.96
			6	18.02	4.49	22.51	22.96
			7	15.87	4.49	20.36	22.96
			8	14.91	4.49	19.40	22.96
			9	14.77	4.49	19.26	22.96
	5230	46	0	17.11	4.49	21.60	22.96
			1	17.35	4.49	21.84	22.96
			2	17.11	4.49	21.60	22.96
			3	17.11	4.49	21.60	22.96
			4	17.24	4.49	21.73	22.96
			5	17.25	4.49	21.74	22.96
			6	17.11	4.49	21.60	22.96
			7	15.21	4.49	19.70	22.96
			8	13.97	4.49	18.46	22.96
			9	14.09	4.49	18.58	22.96

802.11ac(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2A	5270	54	0	16.62	4.65	21.27	22.99
			1	16.81	4.65	21.46	22.99
			2	16.85	4.65	21.50	22.99
			3	16.74	4.65	21.39	22.99
			4	16.86	4.65	21.51	22.99
			5	16.83	4.65	21.48	22.99
			6	16.97	4.65	21.62	22.99
			7	14.83	4.65	19.48	22.99
			8	13.89	4.65	18.54	22.99
			9	13.90	4.65	18.55	22.99
	5310	62	0	14.85	4.65	19.50	22.99
			1	15.07	4.65	19.72	22.99
			2	15.02	4.65	19.67	22.99
			3	15.02	4.65	19.67	22.99
			4	15.09	4.65	19.74	22.99
			5	15.10	4.65	19.75	22.99
			6	14.95	4.65	19.60	22.99
			7	13.00	4.65	17.65	22.99
			8	11.83	4.65	16.48	22.99
			9	11.56	4.65	16.21	22.99

802.11ac(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2C	5510	102	0	12.84	4.46	17.30	22.94
			1	13.06	4.46	17.52	22.94
			2	13.20	4.46	17.66	22.94
			3	13.15	4.46	17.61	22.94
			4	13.15	4.46	17.61	22.94
			5	13.14	4.46	17.60	22.94
			6	12.88	4.46	17.34	22.94
			7	11.02	4.46	15.48	22.94
			8	9.67	4.46	14.13	22.94
			9	9.72	4.46	14.18	22.94
	5550	110	0	16.47	4.46	20.93	22.94
			1	16.73	4.46	21.19	22.94
			2	16.74	4.46	21.20	22.94
			3	16.58	4.46	21.04	22.94
			4	16.65	4.46	21.11	22.94
			5	16.67	4.46	21.13	22.94
			6	16.65	4.46	21.11	22.94
			7	14.72	4.46	19.18	22.94
			8	13.57	4.46	18.03	22.94
			9	13.73	4.46	18.19	22.94
	5710	142	0	17.60	4.46	22.06	22.94
			1	17.87	4.46	22.33	22.94
			2	17.93	4.46	22.39	22.94
			3	17.88	4.46	22.34	22.94
			4	17.91	4.46	22.37	22.94
			5	17.88	4.46	22.34	22.94
			6	17.92	4.46	22.38	22.94
			7	16.01	4.46	20.47	22.94
			8	14.89	4.46	19.35	22.94
			9	14.81	4.46	19.27	22.94

802.11ac(40MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 3	5755	151	0	18.30	4.49	22.79	30.00
			1	18.58	4.49	23.07	30.00
			2	18.51	4.49	23.00	30.00
			3	18.49	4.49	22.98	30.00
			4	18.44	4.49	22.93	30.00
			5	18.62	4.49	23.11	30.00
			6	18.50	4.49	22.99	30.00
			7	16.67	4.49	21.16	30.00
			8	15.40	4.49	19.89	30.00
			9	15.40	4.49	19.89	30.00
	5795	159	0	20.11	4.49	24.60	30.00
			1	20.32	4.49	24.81	30.00
			2	20.34	4.49	24.83	30.00
			3	20.25	4.49	24.74	30.00
			4	20.31	4.49	24.80	30.00
			5	20.31	4.49	24.80	30.00
			6	20.16	4.49	24.65	30.00
			7	18.31	4.49	22.80	30.00
			8	17.06	4.49	21.55	30.00
			9	17.08	4.49	21.57	30.00

802.11ac(80MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 1	5210	42	0	16.90	4.49	21.39	22.96
			1	17.40	4.49	21.89	22.96
			2	17.13	4.49	21.62	22.96
			3	17.18	4.49	21.67	22.96
			4	17.31	4.49	21.80	22.96
			5	17.31	4.49	21.80	22.96
			6	17.31	4.49	21.80	22.96
			7	15.30	4.49	19.79	22.96
			8	14.26	4.49	18.75	22.96
			9	14.12	4.49	18.61	22.96

802.11ac(80MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2A	5290	58	0	12.73	4.65	17.38	22.99
			1	12.90	4.65	17.55	22.99
			2	13.00	4.65	17.65	22.99
			3	13.12	4.65	17.77	22.99
			4	12.97	4.65	17.62	22.99
			5	13.21	4.65	17.86	22.99
			6	12.99	4.65	17.64	22.99
			7	11.01	4.65	15.66	22.99
			8	9.80	4.65	14.45	22.99
			9	9.68	4.65	14.33	22.99

802.11ac(80MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 2C	5530	106	0	14.00	4.46	18.46	22.94
			1	14.39	4.46	18.85	22.94
			2	14.29	4.46	18.75	22.94
			3	14.28	4.46	18.74	22.94
			4	14.57	4.46	19.03	22.94
			5	14.43	4.46	18.89	22.94
			6	14.40	4.46	18.86	22.94
			7	12.32	4.46	16.78	22.94
			8	11.19	4.46	15.65	22.94
			9	11.25	4.46	15.71	22.94
	5690	138	0	18.22	4.46	22.68	22.94
			1	18.35	4.46	22.81	22.94
			2	18.31	4.46	22.77	22.94
			3	18.30	4.46	22.76	22.94
			4	18.46	4.46	22.92	22.94
			5	18.38	4.46	22.84	22.94
			6	18.25	4.46	22.71	22.94
			7	16.35	4.46	20.81	22.94
			8	15.37	4.46	19.83	22.94
			9	15.28	4.46	19.74	22.94

802.11ac(80MHz) Mode			MCS Index	MIMO Measured Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		dBm	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Limit (dBm)
UNII 3	5775	155	0	19.49	4.49	23.98	30.00
			1	19.76	4.49	24.25	30.00
			2	19.69	4.49	24.18	30.00
			3	19.66	4.49	24.15	30.00
			4	19.90	4.49	24.39	30.00
			5	19.95	4.49	24.44	30.00
			6	19.84	4.49	24.33	30.00
			7	17.73	4.49	22.22	30.00
			8	16.86	4.49	21.35	30.00
			9	16.90	4.49	21.39	30.00

10.4 POWER SPECTRAL DENSITY

FCC

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5180	36	802.11a	3.293	0.369	5.079	11
5200	40		3.402	-1.180	4.698	11
5240	48		2.381	2.371	5.391	11
5260	52		4.958	4.453	7.723	11
5300	60		4.535	4.103	7.332	11
5320	64		4.932	3.073	7.110	11
5500	100		3.752	3.164	6.474	11
5580	116		3.557	3.022	6.314	11
5720	144		4.336	3.642	7.007	11
5745	149		3.053	2.456	5.775	30
5785	157		2.829	2.088	5.490	30
5825	165		1.224	2.211	4.757	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5180	36	802.11n(20MHz)	3.152	1.234	5.315	11
5200	40		3.383	0.613	5.224	11
5240	48		2.839	-0.482	4.487	11
5260	52		5.904	5.048	8.506	11
5300	60		6.077	5.230	8.681	11
5320	64		6.171	5.211	8.727	11
5500	100		4.395	3.715	7.076	11
5580	116		3.358	4.100	6.758	11
5720	144		4.663	4.719	7.701	11
5745	149		2.872	2.948	5.922	30
5785	157		2.918	2.085	5.539	30
5825	165		2.793	2.382	5.599	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5190	38	802.11n(40MHz)	0.661	-0.397	3.160	11
5230	46		-0.014	-0.871	2.601	11
5270	54		0.524	-0.219	3.181	11
5310	62		0.124	-0.533	2.810	11
5510	102		-2.234	-2.513	0.645	11
5500	110		0.128	0.255	3.201	11
5710	142		1.019	0.353	3.692	11
5755	151		-0.868	-1.013	2.068	30
5795	159		1.009	0.814	3.927	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5180	36	802.11ac(20MHz)	2.277	0.957	4.683	11
5200	40		1.582	0.950	4.281	11
5240	48		2.885	2.003	5.478	11
5260	52		5.218	4.344	7.818	11
5300	60		4.803	4.369	7.597	11
5320	64		4.816	3.933	7.404	11
5500	100		4.789	3.246	7.093	11
5580	116		3.627	3.361	6.513	11
5720	144		4.771	4.113	7.466	11
5745	149		2.859	2.057	5.490	30
5785	157		2.462	2.249	5.366	30
5825	165		2.474	1.921	5.224	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5190	38	802.11ac(40MHz)	2.030	0.354	4.281	11
5230	46		1.463	0.151	3.874	11
5270	54		0.736	-0.127	3.324	11
5310	62		-1.319	-2.202	1.271	11
5510	102		-3.315	-3.724	-0.506	11
5500	110		0.364	-0.314	3.054	11
5710	142		1.879	0.257	4.150	11
5755	151		-0.550	-1.019	2.227	30
5795	159		1.056	0.348	3.729	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5210	42	802.11ac(80MHz)	-2.207	-3.469	0.212	11
5290	58		-6.505	-7.399	-3.979	11
5530	106		-4.868	-6.000	-2.366	11
5690	138		-1.419	-1.689	1.461	11
5775	155		-3.113	-3.405	-0.223	30

IC

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)					
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Ant Gain	EIRP	Limit
5180	36	802.11a	3.293	0.369	5.079	4.490	9.569	10
5200	40		3.402	-1.180	4.698	4.490	9.188	10
5240	48		2.381	2.371	5.391	4.490	9.881	10

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)					
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Ant Gain	EIRP	Limit
5180	36	802.11n(20MHz)	3.152	1.234	5.315	4.490	9.805	10
5200	40		3.383	0.613	5.224	4.490	9.714	10
5240	48		2.839	-0.482	4.487	4.490	8.977	10

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)					
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Ant Gain	EIRP	Limit
5190	38	802.11n(40MHz)	0.661	-0.397	3.160	4.490	7.650	10
5230	46		-0.014	-0.871	2.601	4.490	7.091	10

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)					
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Ant Gain	EIRP	Limit
5180	36	802.11ac(20MHz)	2.277	0.957	4.683	4.490	9.173	10
5200	40		1.582	0.950	4.281	4.490	8.771	10
5240	48		2.885	2.003	5.478	4.490	9.968	10

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)					
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Ant Gain	EIRP	Limit
5190	38	802.11ac(40MHz)	2.030	0.354	4.281	4.490	8.771	10
5230	46		1.463	0.151	3.874	4.490	8.364	10

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)					
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Ant Gain	EIRP	Limit
5210	42	802.11ac(80MHz)	-2.207	-3.469	0.212	4.490	4.702	10

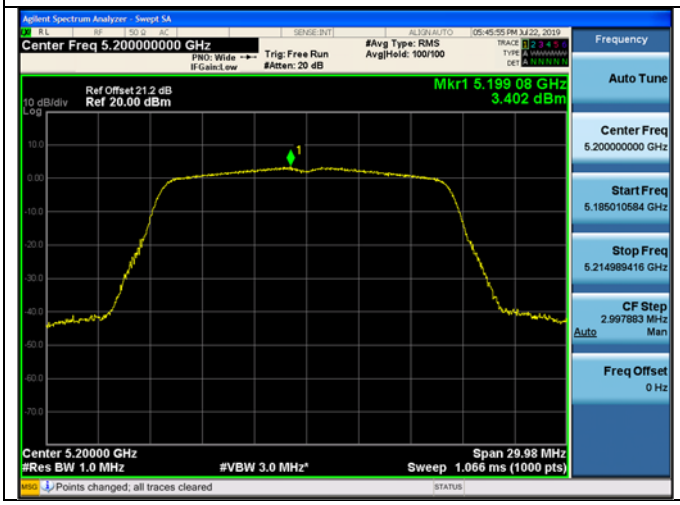
*NOTE : Only UNII1 bands were calculated as EIRP.

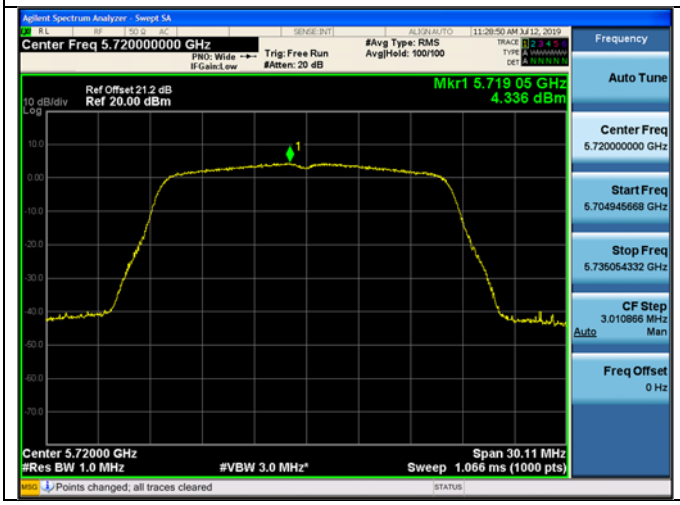
[Ant1]

▣ Test Plots(802.11a)

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 40)	UNII 2A (Ch. 52)
	

UNII 2C (Ch. 144)	UNII 3 (Ch. 149)
	

▣ Test Plots(802.11n(HT20))

Note:

In order to simplify the report, attached plots were only channel of highest power.

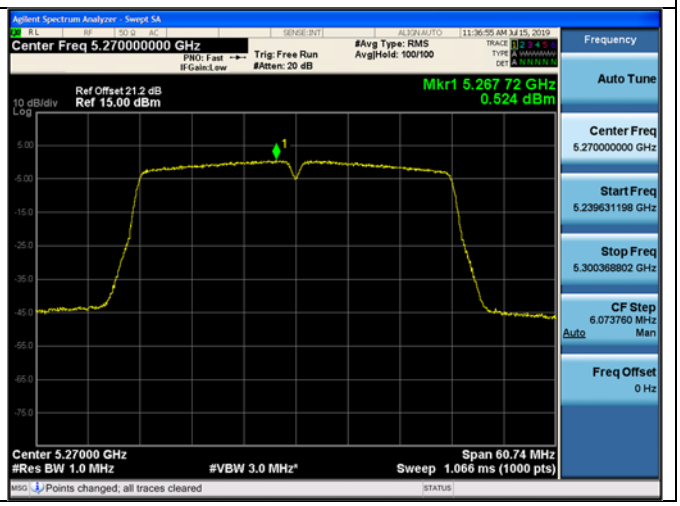
UNII 1 (Ch. 40)	UNII 2A (Ch. 64)
	

UNII 2C (Ch. 144)	UNII 3 (Ch. 157)
	

▣ Test Plots(802.11n(HT40))

Note:

In order to simplify the report, attached plots were only channel of highest power.

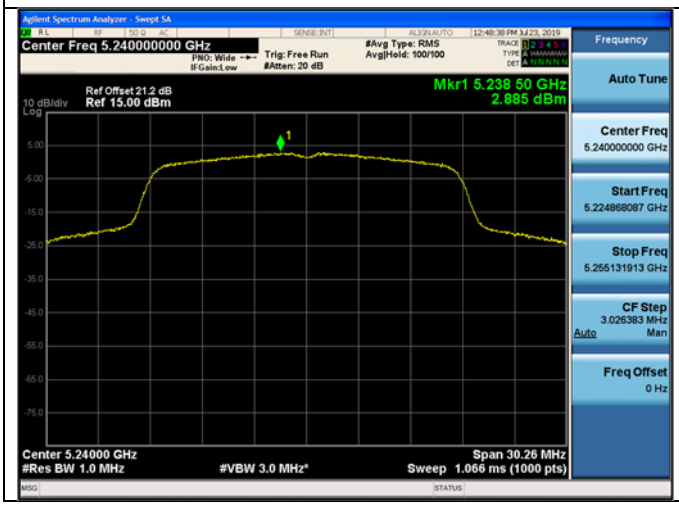
UNII 1 (Ch. 38)	UNII 2A (Ch. 54)
	

UNII 2C (Ch. 142)	UNII 3 (Ch. 159)
	

▣ Test Plots(802.11ac(VHT20))

Note:

In order to simplify the report, attached plots were only channel of highest power.

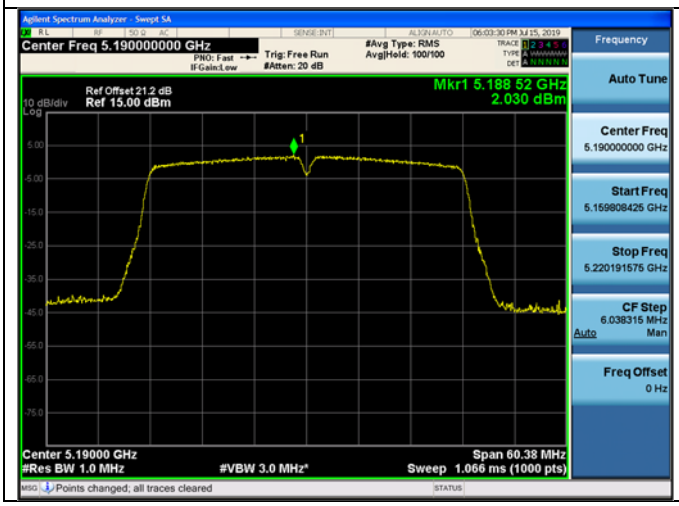
UNII 1 (Ch. 48)	UNII 2A (Ch. 52)
	

UNII 2C (Ch. 100)	UNII 3 (Ch. 149)
	

▣ Test Plots(802.11ac(VHT40))

Note:

In order to simplify the report, attached plots were only channel of highest power.

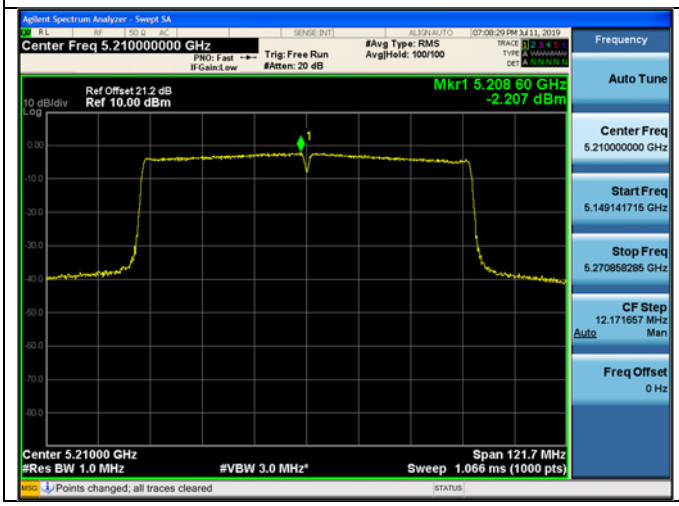
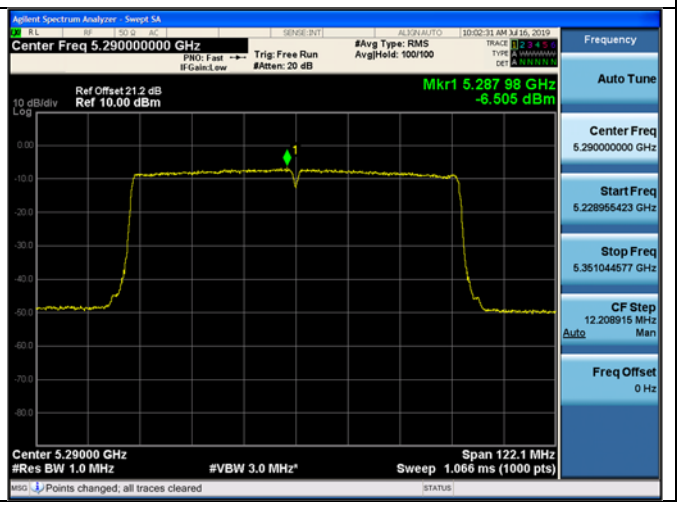
UNII 1 (Ch. 38)	UNII 2A (Ch. 54)
	

UNII 2C (Ch. 142)	UNII 3 (Ch. 159)
	

▣ Test Plots(802.11ac(VHT80))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 42)	UNII 2A (Ch. 58)
	

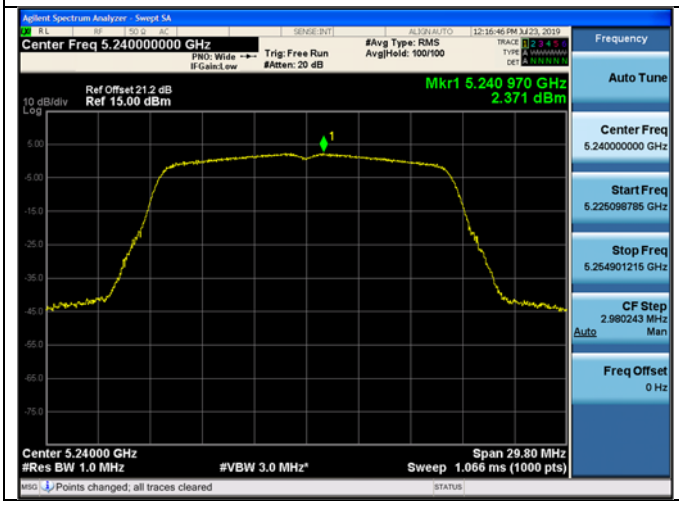
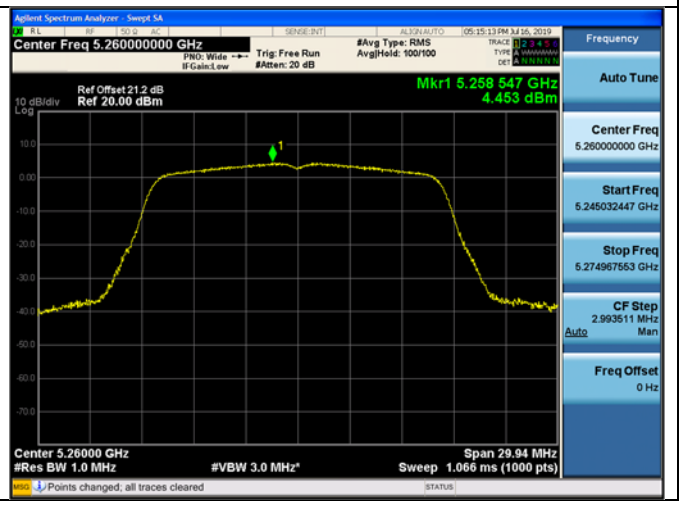
UNII 2C (Ch. 138)	UNII 3 (Ch. 155)
	

[Ant2]

▣ Test Plots(802.11a)

Note:

In order to simplify the report, attached plots were only channel of highest power.

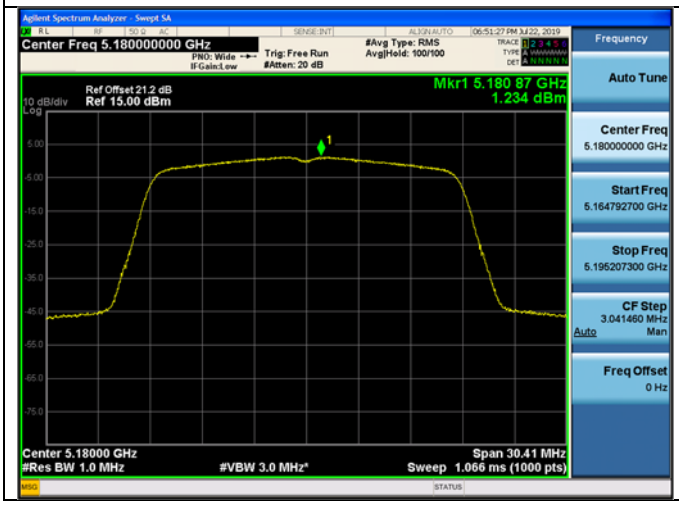
UNII 1 (Ch. 48)	UNII 2A (Ch. 52)
	

UNII 2C (Ch. 144)	UNII 3 (Ch. 149)
	

▣ Test Plots(802.11n(HT20))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 36)	UNII 2A (Ch. 60)
	

UNII 2C (Ch. 144)	UNII 3 (Ch. 149)
	

▣ Test Plots(802.11n(HT40))

Note:

In order to simplify the report, attached plots were only channel of highest power.

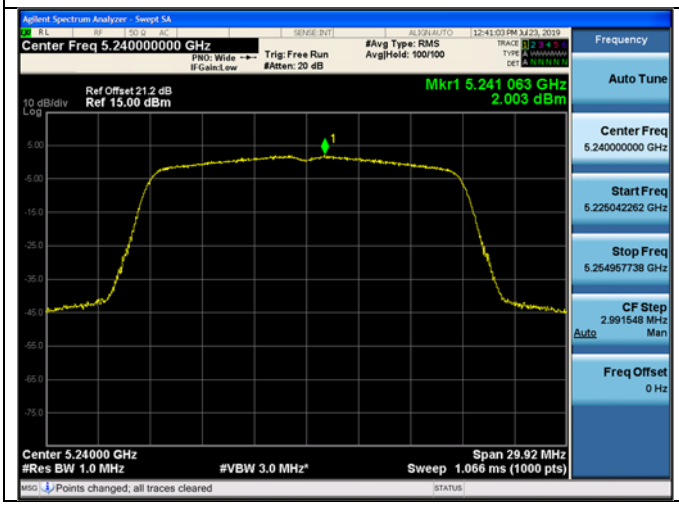
UNII 1 (Ch. 38)	UNII 2A (Ch. 54)
	

UNII 2C (Ch. 142)	UNII 3 (Ch. 159)
	

▣ Test Plots(802.11ac(VHT20))

Note:

In order to simplify the report, attached plots were only channel of highest power.

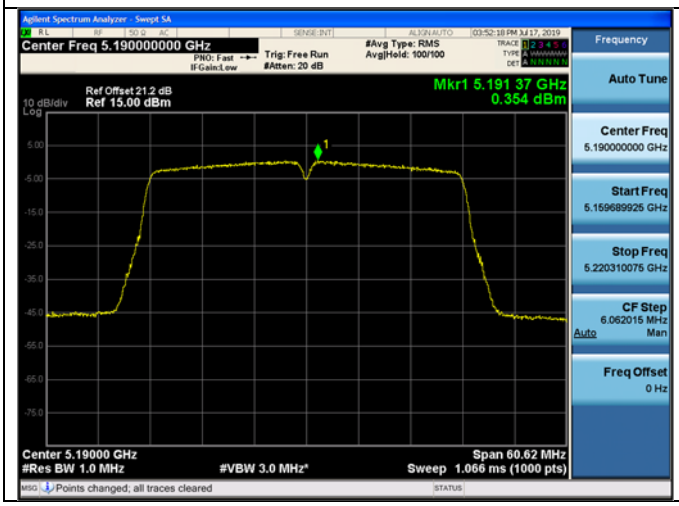
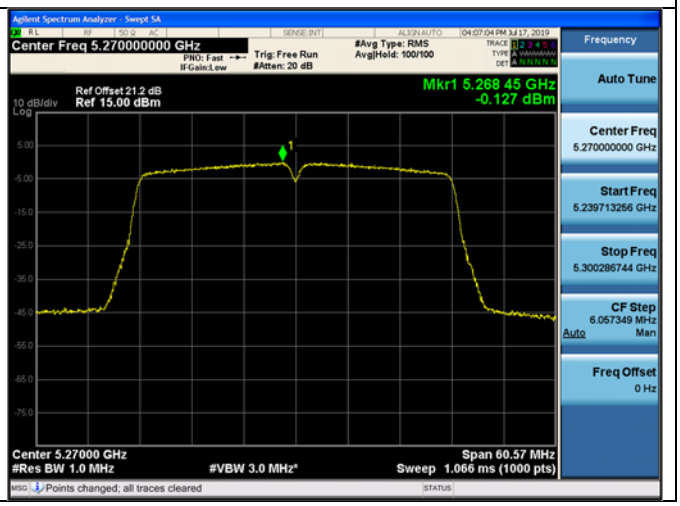
UNII 1 (Ch. 48)	UNII 2A (Ch. 60)
	

UNII 2C (Ch. 144)	UNII 3 (Ch. 157)
	

▣ Test Plots(802.11ac(VHT40))

Note:

In order to simplify the report, attached plots were only channel of highest power.

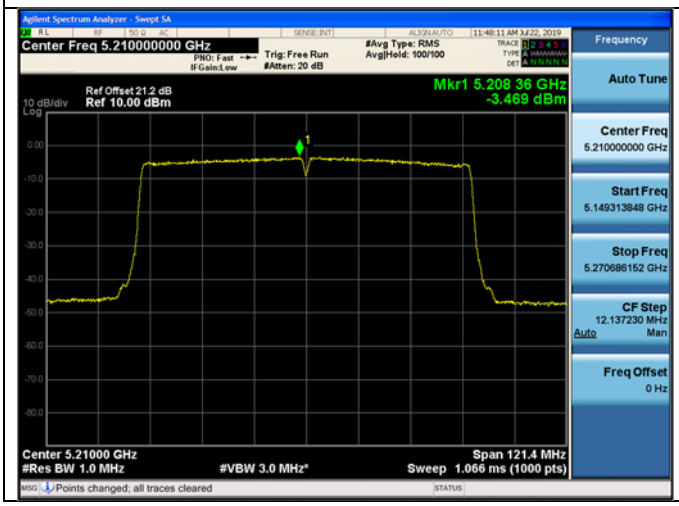
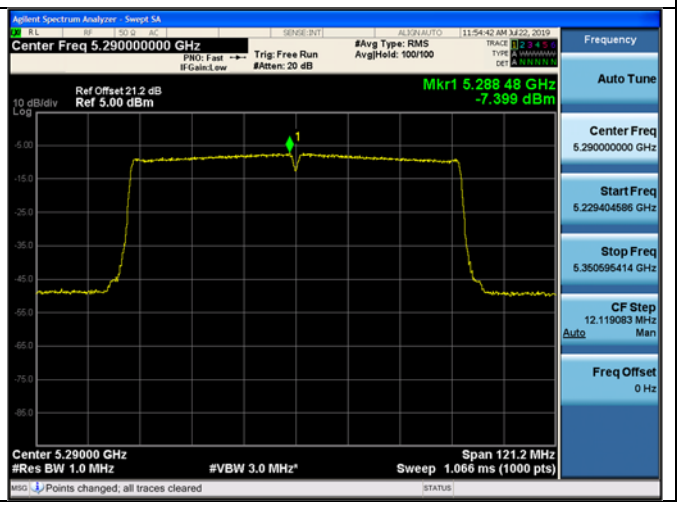
UNII 1 (Ch. 38)	UNII 2A (Ch. 54)
	

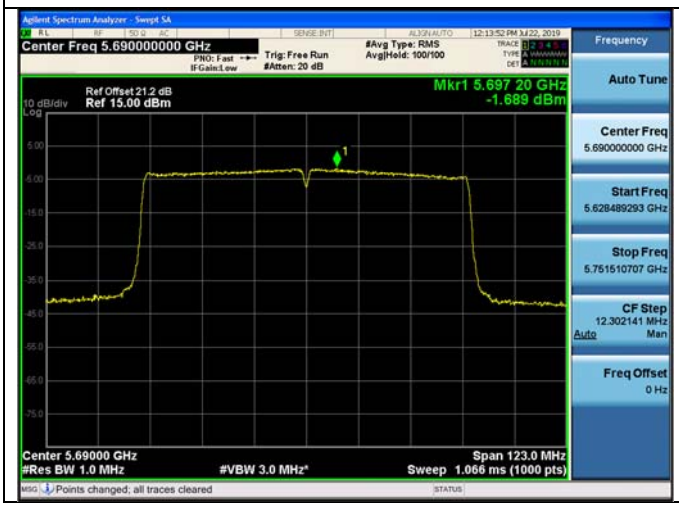
UNII 2C (Ch. 142)	UNII 3 (Ch. 159)
	

▣ Test Plots(802.11ac(VHT80))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 42)	UNII 2A (Ch. 58)
	

UNII 2C (Ch. 138)	UNII 3 (Ch. 155)
	

10.5 FREQUENCY STABILITY.

10.5.1 80MHz BW

[ANT1]

Startup after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210088.55	88.55
100%		-30	5210024.83	24.83
100%		-20	5210096.50	96.50
100%		-10	5210006.88	6.88
100%		0	5210085.77	85.77
100%		+10	5210015.57	15.57
100%		+30	5210016.61	16.61
100%		+40	5210025.03	25.03
100%		+50	5210022.02	22.02
115%	3.60	+20	5210037.45	37.45
End. Point	3.14	+20	5210022.52	22.52

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290036.46	36.46
100%		-30	5290044.10	44.10
100%		-20	5290009.27	9.27
100%		-10	5290059.80	59.8
100%		0	5290088.89	88.89
100%		+10	5290046.29	46.29
100%		+30	5290093.93	93.93
100%		+40	5290059.95	59.95
100%		+50	5290043.41	43.41
115%	3.60	+20	5290056.66	56.66
End. Point	3.14	+20	5290050.84	50.84

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530079.97	79.97
100%		-30	5530052.47	52.47
100%		-20	5530033.73	33.73
100%		-10	5530037.89	37.89
100%		0	5530098.04	98.04
100%		+10	5530005.29	5.29
100%		+30	5530011.47	11.47
100%		+40	5530043.82	43.82
100%		+50	5530042.38	42.38
115%	3.60	+20	5530029.37	29.37
End. Point	3.14	+20	5530040.16	40.16

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775082.53	82.53
100%		-30	5775022.82	22.82
100%		-20	5775087.66	87.66
100%		-10	5775049.75	49.75
100%		0	5775087.05	87.05
100%		+10	5775042.13	42.13
100%		+30	5775019.81	19.81
100%		+40	5775007.65	7.65
100%		+50	5775061.70	61.70
115%	3.60	+20	5775096.91	96.91
End. Point	3.14	+20	5775051.56	51.56

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210004.29	4.29
100%		-30	5210095.45	95.45
100%		-20	5210019.63	19.63
100%		-10	5210062.98	62.98
100%		0	5210002.44	2.44
100%		+10	5210060.49	60.49
100%		+30	5210039.99	39.99
100%		+40	5210096.79	96.79
100%		+50	5210053.02	53.02
115%	3.60	+20	5210015.46	15.46
End. Point	3.14	+20	5210089.76	89.76

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290059.28	59.28
100%		-30	5290074.65	74.65
100%		-20	5290091.64	91.64
100%		-10	5290044.09	44.09
100%		0	5290013.20	13.2
100%		+10	5290035.40	35.4
100%		+30	5290081.61	81.61
100%		+40	5290048.98	48.98
100%		+50	5290083.53	83.53
115%	3.60	+20	5290086.59	86.59
End. Point	3.14	+20	5290079.94	79.94

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530098.67	98.67
100%		-30	5530081.05	81.05
100%		-20	5530001.41	1.41
100%		-10	5530058.42	58.42
100%		0	5530029.80	29.8
100%		+10	5530079.60	79.6
100%		+30	5530039.35	39.35
100%		+40	5530007.82	7.82
100%		+50	5530079.87	79.87
115%	3.60	+20	5530092.56	92.56
End. Point	3.14	+20	5530042.08	42.08

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775016.98	16.98
100%		-30	5775048.28	48.28
100%		-20	5775032.68	32.68
100%		-10	5775045.72	45.72
100%		0	5775012.64	12.64
100%		+10	5775003.75	3.75
100%		+30	5775059.75	59.75
100%		+40	5775024.04	24.04
100%		+50	5775054.35	54.35
115%	3.60	+20	5775061.17	61.17
End. Point	3.14	+20	5775083.43	83.43

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210066.50	66.50
100%		-30	5210074.72	74.72
100%		-20	5210028.38	28.38
100%		-10	5210044.93	44.93
100%		0	5210091.42	91.42
100%		+10	5210099.44	99.44
100%		+30	5210046.74	46.74
100%		+40	5210056.19	56.19
100%		+50	5210011.14	11.14
115%	3.60	+20	5210021.70	21.70
End. Point	3.14	+20	5210036.48	36.48

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290088.87	88.87
100%		-30	5290078.62	78.62
100%		-20	5290025.63	25.63
100%		-10	5290020.63	20.63
100%		0	5290011.67	11.67
100%		+10	5290026.68	26.68
100%		+30	5290073.02	73.02
100%		+40	5290097.32	97.32
100%		+50	5290043.09	43.09
115%	3.60	+20	5290072.43	72.43
End. Point	3.14	+20	5290070.69	70.69

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530021.19	21.19
100%		-30	5530035.34	35.34
100%		-20	5530048.13	48.13
100%		-10	5530083.41	83.41
100%		0	5530049.50	49.5
100%		+10	5530080.17	80.17
100%		+30	5530004.19	4.19
100%		+40	5530092.54	92.54
100%		+50	5530004.04	4.04
115%	3.60	+20	5530043.83	43.83
End. Point	3.14	+20	5530038.07	38.07

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775068.63	68.63
100%		-30	5775057.79	57.79
100%		-20	5775055.37	55.37
100%		-10	5775058.20	58.2
100%		0	5775029.39	29.39
100%		+10	5775072.86	72.86
100%		+30	5775074.90	74.9
100%		+40	5775090.27	90.27
100%		+50	5775053.13	53.13
115%	3.60	+20	5775027.70	27.70
End. Point	3.14	+20	5775047.93	47.93

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210044.64	44.64
100%		-30	5210012.73	12.73
100%		-20	5210055.29	55.29
100%		-10	5210012.68	12.68
100%		0	5210072.26	72.26
100%		+10	5210041.14	41.14
100%		+30	5210024.47	24.47
100%		+40	5210072.19	72.19
100%		+50	5210036.57	36.57
115%	3.60	+20	5210039.96	39.96
End. Point	3.14	+20	5210097.43	97.43

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290066.85	66.85
100%		-30	5290025.72	25.72
100%		-20	5290078.49	78.49
100%		-10	5290047.67	47.67
100%		0	5290095.27	95.27
100%		+10	5290098.37	98.37
100%		+30	5290098.80	98.8
100%		+40	5290075.38	75.38
100%		+50	5290007.92	7.92
115%	3.60	+20	5290013.19	13.19
End. Point	3.14	+20	5290053.59	53.59

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530015.45	15.45
100%		-30	5530076.81	76.81
100%		-20	5530078.46	78.46
100%		-10	5530079.55	79.55
100%		0	5530076.59	76.59
100%		+10	5530031.51	31.51
100%		+30	5530028.66	28.66
100%		+40	5530079.85	79.85
100%		+50	5530086.95	86.95
115%	3.60	+20	5530039.38	39.38
End. Point	3.14	+20	5530007.54	7.54

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775033.84	33.84
100%		-30	5775088.43	88.43
100%		-20	5775020.06	20.06
100%		-10	5775068.53	68.53
100%		0	5775030.85	30.85
100%		+10	5775035.11	35.11
100%		+30	5775092.95	92.95
100%		+40	5775013.91	13.91
100%		+50	5775029.22	29.22
115%	3.60	+20	5775086.60	86.60
End. Point	3.14	+20	5775026.86	26.86

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

[ANT2]

Startup after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210072.38	72.38
100%		-30	5210005.45	5.45
100%		-20	5210006.45	6.45
100%		-10	5210022.55	22.55
100%		0	5210019.24	19.24
100%		+10	5210080.43	80.43
100%		+30	5210057.05	57.05
100%		+40	5210083.17	83.17
100%		+50	5210025.64	25.64
115%	3.60	+20	5210036.23	36.23
End. Point	3.14	+20	5210014.73	14.73

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290002.55	2.55
100%		-30	5290027.13	27.13
100%		-20	5290051.38	51.38
100%		-10	5290037.77	37.77
100%		0	5290025.88	25.88
100%		+10	5290036.72	36.72
100%		+30	5290008.37	8.37
100%		+40	5290049.62	49.62
100%		+50	5290045.39	45.39
115%	3.60	+20	5290030.88	30.88
End. Point	3.14	+20	5290086.84	86.84

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530094.50	94.50
100%		-30	5530048.63	48.63
100%		-20	5530027.72	27.72
100%		-10	5530033.78	33.78
100%		0	5530004.07	4.07
100%		+10	5530007.28	7.28
100%		+30	5530036.57	36.57
100%		+40	5530009.17	9.17
100%		+50	5530061.16	61.16
115%	3.60	+20	5530037.44	37.44
End. Point	3.14	+20	5530009.68	9.68

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775069.78	69.78
100%		-30	5775066.16	66.16
100%		-20	5775093.76	93.76
100%		-10	5775044.54	44.54
100%		0	5775046.39	46.39
100%		+10	5775069.14	69.14
100%		+30	5775061.87	61.87
100%		+40	5775034.96	34.96
100%		+50	5775074.15	74.15
115%	3.60	+20	5775034.90	34.90
End. Point	3.14	+20	5775054.60	54.6

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210011.95	11.95
100%		-30	5210054.13	54.13
100%		-20	5210069.34	69.34
100%		-10	5210060.25	60.25
100%		0	5210056.54	56.54
100%		+10	5210088.02	88.02
100%		+30	5210056.20	56.20
100%		+40	5210013.03	13.03
100%		+50	5210048.52	48.52
115%	3.60	+20	5210067.73	67.73
End. Point	3.14	+20	5210018.61	18.61

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290027.98	27.98
100%		-30	5290035.13	35.13
100%		-20	5290065.06	65.06
100%		-10	5290074.29	74.29
100%		0	5290054.62	54.62
100%		+10	5290083.64	83.64
100%		+30	5290087.28	87.28
100%		+40	5290003.51	3.51
100%		+50	5290017.89	17.89
115%	3.60	+20	5290075.79	75.79
End. Point	3.14	+20	5290039.95	39.95

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530060.36	60.36
100%		-30	5530059.97	59.97
100%		-20	5530057.66	57.66
100%		-10	5530028.21	28.21
100%		0	5530028.32	28.32
100%		+10	5530063.56	63.56
100%		+30	5530075.46	75.46
100%		+40	5530067.26	67.26
100%		+50	5530041.86	41.86
115%	3.60	+20	5530021.81	21.81
End. Point	3.14	+20	5530071.28	71.28

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775034.36	34.36
100%		-30	5775099.76	99.76
100%		-20	5775013.75	13.75
100%		-10	5775068.45	68.45
100%		0	5775076.54	76.54
100%		+10	5775057.54	57.54
100%		+30	5775070.43	70.43
100%		+40	5775049.11	49.11
100%		+50	5775091.89	91.89
115%	3.60	+20	5775074.50	74.50
End. Point	3.14	+20	5775054.15	54.15

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210095.91	95.91
100%		-30	5210042.91	42.91
100%		-20	5210099.15	99.15
100%		-10	5210016.73	16.73
100%		0	5210066.26	66.26
100%		+10	5210044.14	44.14
100%		+30	5210053.94	53.94
100%		+40	5210086.94	86.94
100%		+50	5210007.90	7.90
115%	3.60	+20	5210013.32	13.32
End. Point	3.14	+20	5210042.99	42.99

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290043.27	43.27
100%		-30	5290082.31	82.31
100%		-20	5290033.37	33.37
100%		-10	5290035.49	35.49
100%		0	5290014.79	14.79
100%		+10	5290025.90	25.9
100%		+30	5290069.48	69.48
100%		+40	5290015.27	15.27
100%		+50	5290027.51	27.51
115%	3.60	+20	5290052.53	52.53
End. Point	3.14	+20	5290022.27	22.27

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530006.60	6.60
100%		-30	5530070.69	70.69
100%		-20	5530083.77	83.77
100%		-10	5530054.58	54.58
100%		0	5530090.51	90.51
100%		+10	5530029.10	29.1
100%		+30	5530083.97	83.97
100%		+40	5530059.05	59.05
100%		+50	5530008.25	8.25
115%	3.60	+20	5530085.18	85.18
End. Point	3.14	+20	5530073.68	73.68

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775046.91	46.91
100%		-30	5775033.56	33.56
100%		-20	5775006.46	6.46
100%		-10	5775064.82	64.82
100%		0	5775015.43	15.43
100%		+10	5775041.32	41.32
100%		+30	5775025.61	25.61
100%		+40	5775010.29	10.29
100%		+50	5775040.66	40.66
115%	3.60	+20	5775032.20	32.20
End. Point	3.14	+20	5775097.77	97.77

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210060.89	60.89
100%		-30	5210029.66	29.66
100%		-20	5210006.54	6.54
100%		-10	5210060.49	60.49
100%		0	5210016.75	16.75
100%		+10	5210039.92	39.92
100%		+30	5210073.12	73.12
100%		+40	5210032.79	32.79
100%		+50	5210098.05	98.05
115%	3.60	+20	5210085.14	85.14
End. Point	3.14	+20	5210078.45	78.45

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290042.15	42.15
100%		-30	5290049.35	49.35
100%		-20	5290036.40	36.4
100%		-10	5290094.37	94.37
100%		0	5290005.89	5.89
100%		+10	5290001.19	1.19
100%		+30	5290086.98	86.98
100%		+40	5290059.96	59.96
100%		+50	5290069.33	69.33
115%	3.60	+20	5290028.79	28.79
End. Point	3.14	+20	5290007.38	7.38

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530030.22	30.22
100%		-30	5530068.48	68.48
100%		-20	5530082.50	82.5
100%		-10	5530068.70	68.7
100%		0	5530041.09	41.09
100%		+10	5530010.27	10.27
100%		+30	5530081.41	81.41
100%		+40	5530048.35	48.35
100%		+50	5530010.11	10.11
115%	3.60	+20	5530019.99	19.99
End. Point	3.14	+20	5530087.89	87.89

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775006.53	6.53
100%		-30	5775063.58	63.58
100%		-20	5775034.82	34.82
100%		-10	5775044.07	44.07
100%		0	5775070.99	70.99
100%		+10	5775021.34	21.34
100%		+30	5775021.73	21.73
100%		+40	5775054.96	54.96
100%		+50	5775037.68	37.68
115%	3.60	+20	5775077.95	77.95
End. Point	3.14	+20	5775081.91	81.91

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10.6 STRADDLE CHANNEL

10.6.1 26dB Bandwidth

[ANT1]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11a	UNII 2C	5720	144	5710.12	14.88
802.11n(HT20)				5709.84	15.16
802.11ac(VHT20)				5709.88	15.12
802.11a	UNII 3	5720	144	5729.72	4.72
802.11n(HT20)				5730.12	5.12
802.11ac(VHT20)				5730.00	5.00

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5689.60	35.40
802.11ac(VHT40)				5689.68	35.32
802.11n(HT40)	UNII 3	5710	142	5730.08	5.08
802.11ac(VHT40)				5730.40	5.40

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5649.20	75.80
	UNII 3	5690	138	5730.56	5.56

Note:

[UNII 2C] 26dB Bandwidth = 5725MHz - Measured Frequency[MHz]

[UNII 3C] 26dB Bandwidth = Measured Frequency[MHz] -5725MHz

[ANT2]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11a	UNII 2C	5720	144	5710.12	14.88
802.11n(HT20)				5710.00	15.00
802.11ac(VHT20)				5709.96	15.04
802.11a	UNII 3	5720	144	5729.80	4.80
802.11n(HT20)				5729.80	4.80
802.11ac(VHT20)				5730.04	5.04

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5689.92	35.08
802.11ac(VHT40)				5689.68	35.32
802.11n(HT40)	UNII 3	5710	142	5730.08	5.08
802.11ac(VHT40)				5730.16	5.16

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5649.44	75.56
	UNII 3	5690	138	5730.32	5.32

Note:

[UNII 2C] 26dB Bandwidth = 5725MHz - Measured Frequency[MHz]

[UNII 3C] 26dB Bandwidth = Measured Frequency[MHz] -5725MHz

[ANT1]

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band	802.11n(HT20) UNII Band
	
802.11ac(VHT20) UNII Band	
	

▣ Test Plots (26dB Bandwidth)

802.11n(HT40) UNII Band	802.11ac(VHT40) UNII Band
	
802.11ac(VHT80) UNII Band	
	

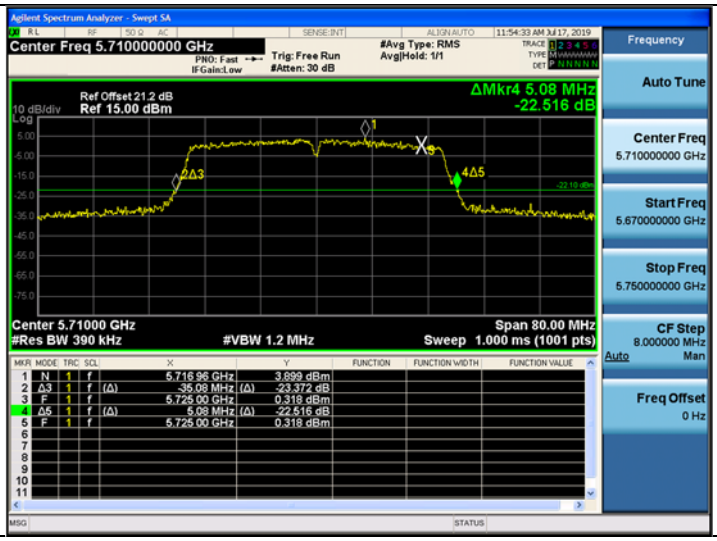
[ANT2]

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band	802.11n(HT20) UNII Band
	
802.11ac(VHT20) UNII Band	
	

▣ Test Plots (26dB Bandwidth)

802.11n(HT40) UNII Band



802.11ac(VHT40) UNII Band

802.11ac(VHT80) UNII Band

10.6.2 6dB Bandwidth

[ANT1]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11a	UNII 3	5720	144	5728.13	3.13	> 0.5
802.11n(HT20)				5728.75	3.75	> 0.5
802.11ac(VHT20)				5728.77	3.77	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	UNII 3	5710	142	5728.15	3.15	> 0.5
802.11ac(VHT40)				5728.16	3.16	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5728.21	3.21	> 0.5

Note:

6dB Bandwidth = Measured Frequency[MHz] – 5725MHz

[ANT2]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11a	UNII 3	5720	144	5728.12	3.12	> 0.5
802.11n(HT20)				5728.75	3.75	> 0.5
802.11ac(VHT20)				5728.75	3.75	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	UNII 3	5710	142	5728.14	3.14	> 0.5
802.11ac(VHT40)				5728.12	3.12	> 0.5

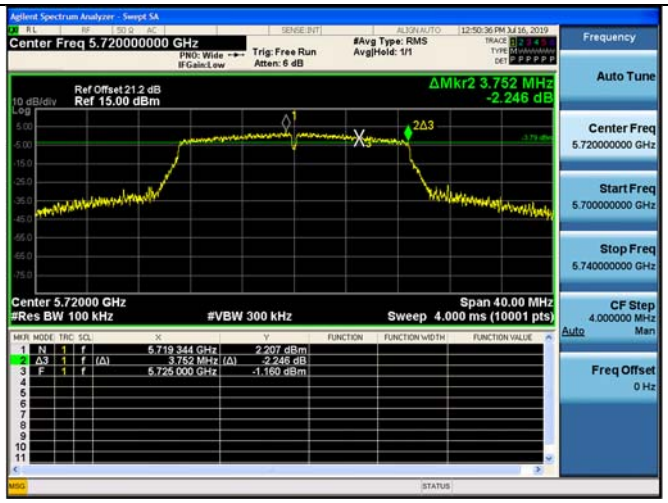
Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5728.16	3.16	> 0.5

Note:

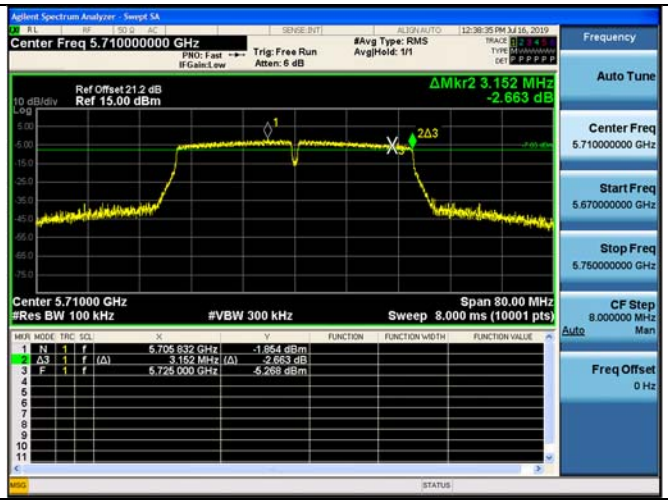
6dB Bandwidth = Measured Frequency[MHz] – 5725MHz

[ANT1]

▣ Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144	802.11n_HT20 CH.144
	
802.11ac_VHT20 CH.144	
	

802.11n_HT40 CH.142



802.11ac_VHT40 CH.142

802.11ac_VHT80 CH.138