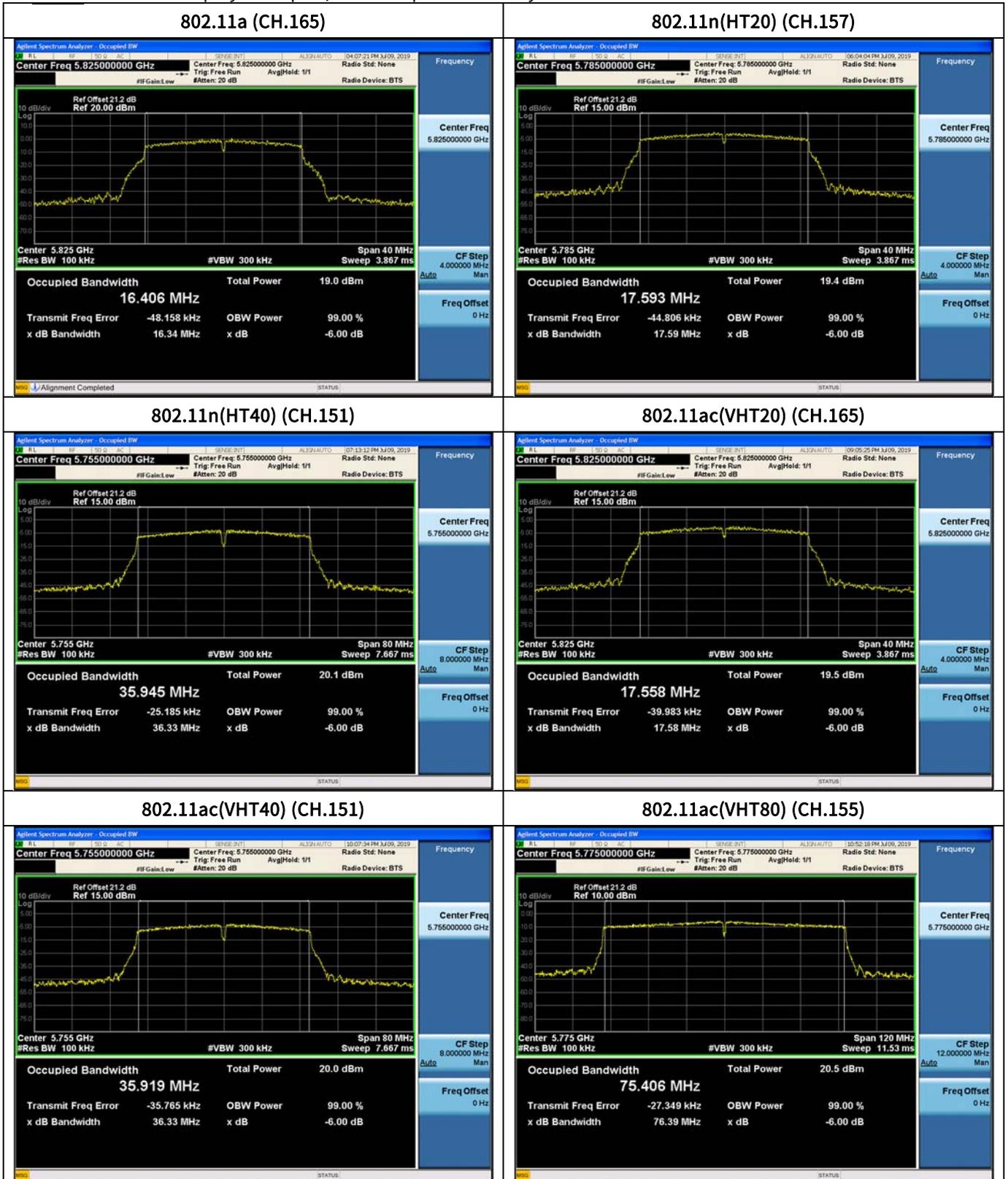


[ANT1]

Test Plots

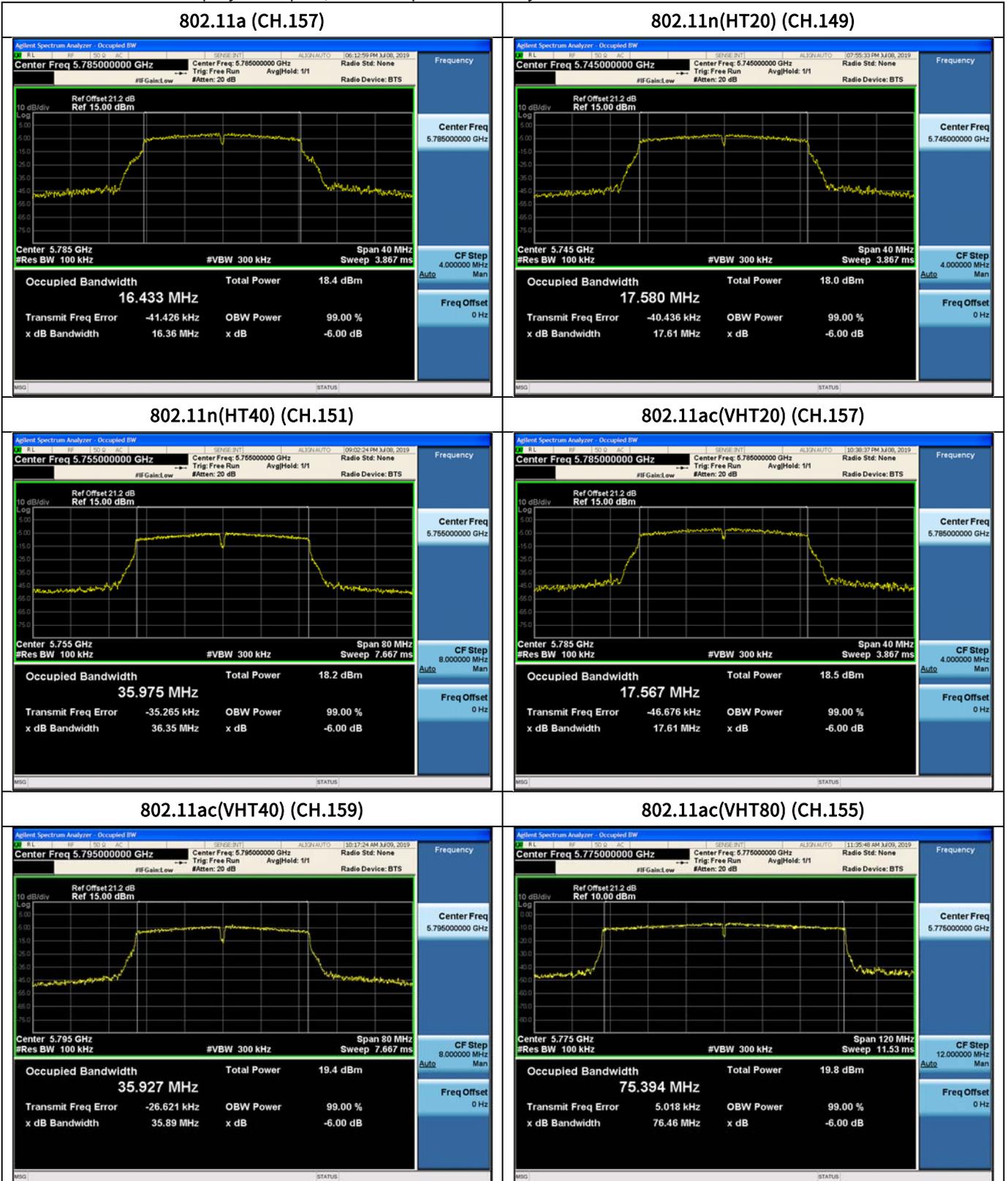
Note: In order to simplify the report, attached plots were only the most narrow channel.



[ANT2]

Test Plots

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



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	12.18	1.48	13.66	15.00	22.99
			9	12.31	1.48	13.79		22.99
			12	12.36	1.48	13.84		22.99
			18	12.60	1.48	14.08		22.99
			24	12.65	1.48	14.13		22.99
			36	12.58	1.48	14.06		22.99
			48	10.81	1.48	12.29		22.99
			54	10.70	1.48	12.18		22.99
	5200	40	6	12.50	1.48	13.98	15.00	22.99
			9	12.54	1.48	14.02		22.99
			12	12.56	1.48	14.04		22.99
			18	12.70	1.48	14.18		22.99
			24	12.74	1.48	14.22		22.99
			36	12.59	1.48	14.07		22.99
			48	10.89	1.48	12.37		22.99
			54	10.87	1.48	12.35		22.99
	5240	48	6	11.50	1.48	12.98	14.50	22.99
			9	11.45	1.48	12.93		22.99
			12	11.50	1.48	12.98		22.99
			18	11.71	1.48	13.19		22.99
			24	11.68	1.48	13.16		22.99
			36	12.61	1.48	14.09		22.99
			48	10.38	1.48	11.86		22.99
			54	10.35	1.48	11.83		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 2A	5260	52	6	13.45	1.50	14.95	15.50	22.95
			9	13.54	1.50	15.04		22.95
			12	13.57	1.50	15.07		22.95
			18	13.73	1.50	15.23		22.95
			24	13.54	1.50	15.04		22.95
			36	13.52	1.50	15.02		22.95
			48	11.68	1.50	13.18		22.95
			54	11.61	1.50	13.11		22.95
	5300	60	6	13.14	1.50	14.64	15.50	22.95
			9	13.28	1.50	14.78		22.95
			12	13.28	1.50	14.78		22.95
			18	13.32	1.50	14.82		22.95
			24	13.44	1.50	14.94		22.95
			36	13.45	1.50	14.95		22.95
			48	11.55	1.50	13.05		22.95
			54	11.47	1.50	12.97		22.95
	5320	64	6	12.96	1.50	14.46	15.50	22.95
			9	12.94	1.50	14.44		22.95
			12	13.09	1.50	14.59		22.95
			18	13.32	1.50	14.82		22.95
			24	13.31	1.50	14.81		22.95
			36	13.33	1.50	14.83		22.95
			48	11.45	1.50	12.95		22.95
			54	11.48	1.50	12.98		22.95

802.11a Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	Rate (Mbps)	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5500	100	6	12.56	1.50	14.06	15.00	22.99
			9	12.54	1.50	14.04		22.99
			12	12.38	1.50	13.88		22.99
			18	12.49	1.50	13.99		22.99
			24	12.40	1.50	13.90		22.99
			36	12.37	1.50	13.87		22.99
			48	10.43	1.50	11.93		22.99
			54	10.39	1.50	11.89		22.99
	5580	116	6	13.04	1.50	14.54	15.00	22.99
			9	13.13	1.50	14.63		22.99
			12	13.14	1.50	14.64		22.99
			18	13.32	1.50	14.82		22.99
			24	13.34	1.50	14.84		22.99
			36	13.29	1.50	14.79		22.99
			48	11.16	1.50	12.66		22.99
			54	11.25	1.50	12.75		22.99
	5720	144	6	12.04	1.50	13.54	15.00	22.99
			9	12.19	1.50	13.69		22.99
			12	12.22	1.50	13.72		22.99
			18	12.43	1.50	13.93		22.99
			24	12.46	1.50	13.96		22.99
			36	12.43	1.50	13.93		22.99
			48	10.41	1.50	11.91		22.99
			54	10.36	1.50	11.86		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 3	5745	149	6	13.45	1.44	14.89	15.00	30.00
			9	13.58	1.44	15.02		30.00
			12	13.60	1.44	15.04		30.00
			18	13.80	1.44	15.24		30.00
			24	13.84	1.44	15.28		30.00
			36	13.80	1.44	15.24		30.00
			48	11.81	1.44	13.25		30.00
			54	11.83	1.44	13.27		30.00
	5785	157	6	14.83	1.44	16.27	17.00	30.00
			9	14.97	1.44	16.41		30.00
			12	15.00	1.44	16.44		30.00
			18	15.17	1.44	16.61		30.00
			24	15.20	1.44	16.64		30.00
			36	15.26	1.44	16.70		30.00
			48	13.23	1.44	14.67		30.00
			54	13.25	1.44	14.69		30.00
	5825	165	6	14.24	1.44	15.68	17.00	30.00
			9	14.37	1.44	15.81		30.00
			12	14.36	1.44	15.80		30.00
			18	14.51	1.44	15.95		30.00
			24	14.54	1.44	15.98		30.00
			36	14.52	1.44	15.96		30.00
			48	12.53	1.44	13.97		30.00
			54	12.55	1.44	13.99		30.00

802.11n(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	12.33	1.48	13.81	15.00	22.99
			1	12.30	1.48	13.78		22.99
			2	12.36	1.48	13.84		22.99
			3	12.24	1.48	13.72		22.99
			4	12.23	1.48	13.71		22.99
			5	12.24	1.48	13.72		22.99
			6	10.32	1.48	11.80		22.99
			7	10.37	1.48	11.85		22.99
	5200	40	0	12.32	1.48	13.80	15.00	22.99
			1	12.39	1.48	13.87		22.99
			2	12.50	1.48	13.98		22.99
			3	12.60	1.48	14.08		22.99
			4	12.57	1.48	14.05		22.99
			5	12.59	1.48	14.07		22.99
			6	10.65	1.48	12.13		22.99
			7	10.60	1.48	12.08		22.99
	5240	48	0	11.36	1.48	12.84	14.50	22.99
			1	11.43	1.48	12.91		22.99
			2	11.59	1.48	13.07		22.99
			3	11.57	1.48	13.05		22.99
			4	12.28	1.48	13.76		22.99
			5	12.27	1.48	13.75		22.99
			6	9.79	1.48	11.27		22.99
			7	9.80	1.48	11.28		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 2A	5260	52	0	13.18	1.50	14.68	15.50	22.95
			1	13.27	1.50	14.77		22.95
			2	13.42	1.50	14.92		22.95
			3	13.38	1.50	14.88		22.95
			4	13.43	1.50	14.93		22.95
			5	13.48	1.50	14.98		22.95
			6	11.57	1.50	13.07		22.95
			7	11.61	1.50	13.11		22.95
	5300	60	0	13.08	1.50	14.58	15.50	22.95
			1	13.21	1.50	14.71		22.95
			2	13.33	1.50	14.83		22.95
			3	13.39	1.50	14.89		22.95
			4	13.36	1.50	14.86		22.95
			5	13.40	1.50	14.90		22.95
			6	11.47	1.50	12.97		22.95
			7	11.54	1.50	13.04		22.95
	5320	64	0	12.98	1.50	14.48	15.50	22.95
			1	13.01	1.50	14.51		22.95
			2	13.20	1.50	14.70		22.95
			3	13.17	1.50	14.67		22.95
			4	13.33	1.50	14.83		22.95
			5	13.34	1.50	14.84		22.95
			6	11.41	1.50	12.91		22.95
			7	11.36	1.50	12.86		22.95

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	14.93	1.50	16.43	17.00	22.99
			1	15.01	1.50	16.51		22.99
			2	15.15	1.50	16.65		22.99
			3	15.22	1.50	16.72		22.99
			4	15.18	1.50	16.68		22.99
			5	15.20	1.50	16.70		22.99
			6	13.27	1.50	14.77		22.99
			7	13.26	1.50	14.76		22.99
	5580	116	0	13.37	1.50	14.87	17.00	22.99
			1	13.42	1.50	14.92		22.99
			2	13.63	1.50	15.13		22.99
			3	13.65	1.50	15.15		22.99
			4	13.63	1.50	15.13		22.99
			5	13.68	1.50	15.18		22.99
			6	11.63	1.50	13.13		22.99
			7	11.60	1.50	13.10		22.99
	5720	144	0	14.19	1.50	15.69	17.00	22.99
			1	14.31	1.50	15.81		22.99
			2	14.46	1.50	15.96		22.99
			3	14.45	1.50	15.95		22.99
			4	14.53	1.50	16.03		22.99
			5	14.58	1.50	16.08		22.99
			6	12.53	1.50	14.03		22.99
			7	12.57	1.50	14.07		22.99

802.11n(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	13.37	1.44	14.81	15.00	30.00
			1	13.49	1.44	14.93		30.00
			2	13.68	1.44	15.12		30.00
			3	13.70	1.44	15.14		30.00
			4	13.49	1.44	14.93		30.00
			5	13.54	1.44	14.98		30.00
			6	11.46	1.44	12.90		30.00
			7	11.55	1.44	12.99		30.00
	5785	157	0	14.58	1.44	16.02	17.00	30.00
			1	14.74	1.44	16.18		30.00
			2	14.92	1.44	16.36		30.00
			3	14.95	1.44	16.39		30.00
			4	15.01	1.44	16.45		30.00
			5	15.05	1.44	16.49		30.00
			6	12.98	1.44	14.42		30.00
			7	13.01	1.44	14.45		30.00
	5825	165	0	13.74	1.44	15.18	17.00	30.00
			1	13.89	1.44	15.33		30.00
			2	14.05	1.44	15.49		30.00
			3	13.91	1.44	15.35		30.00
			4	13.98	1.44	15.42		30.00
			5	14.04	1.44	15.48		30.00
			6	12.01	1.44	13.45		30.00
			7	12.06	1.44	13.50		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	13.46	1.48	14.94	16.00	22.99
			1	13.52	1.48	15.00		22.99
			2	13.73	1.48	15.21		22.99
			3	13.82	1.48	15.30		22.99
			4	13.59	1.48	15.07		22.99
			5	13.68	1.48	15.16		22.99
			6	11.86	1.48	13.34		22.99
	7	11.88	1.48	13.36	22.99			
	5230	46	0	13.03	1.48	14.51	16.00	22.99
			1	13.10	1.48	14.58		22.99
			2	13.33	1.48	14.81		22.99
			3	13.35	1.48	14.83		22.99
			4	13.26	1.48	14.74		22.99
			5	13.40	1.48	14.88		22.99
6			11.47	1.48	12.95	22.99		
7	11.52	1.48	13.00	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 2A	5270	54	0	13.10	1.50	14.60	15.50	22.95
			1	13.16	1.50	14.66		22.95
			2	13.28	1.50	14.78		22.95
			3	13.31	1.50	14.81		22.95
			4	13.26	1.50	14.76		22.95
			5	13.14	1.50	14.64		22.95
			6	11.30	1.50	12.80		22.95
	7	11.32	1.50	12.82	22.95			
	5310	62	0	13.14	1.50	14.64	15.50	22.95
			1	13.21	1.50	14.71		22.95
			2	13.37	1.50	14.87		22.95
			3	13.42	1.50	14.92		22.95
			4	13.17	1.50	14.67		22.95
			5	13.30	1.50	14.80		22.95
6			11.44	1.50	12.94	22.95		
7	11.45	1.50	12.95	22.95				

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	12.85	1.50	14.35	15.00	22.99
			1	12.93	1.50	14.43		22.99
			2	13.12	1.50	14.62		22.99
			3	13.09	1.50	14.59		22.99
			4	13.17	1.50	14.67		22.99
			5	13.19	1.50	14.69		22.99
			6	11.18	1.50	12.68		22.99
	7	11.21	1.50	12.71	22.99			
	5550	110	0	14.37	1.50	15.87	17.00	22.99
			1	14.45	1.50	15.95		22.99
			2	14.57	1.50	16.07		22.99
			3	14.64	1.50	16.14		22.99
			4	14.70	1.50	16.20		22.99
			5	14.64	1.50	16.14		22.99
			6	12.67	1.50	14.17		22.99
	7	12.59	1.50	14.09	22.99			
	5710	142	0	14.09	1.50	15.59	17.00	22.99
			1	14.19	1.50	15.69		22.99
			2	14.34	1.50	15.84		22.99
			3	14.37	1.50	15.87		22.99
			4	14.24	1.50	15.74		22.99
5			14.34	1.50	15.84	22.99		
6			12.36	1.50	13.86	22.99		
7	12.41	1.50	13.91	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 3	5755	151	0	15.41	1.44	16.85	18.00	30.00
			1	15.48	1.44	16.92		30.00
			2	15.64	1.44	17.08		30.00
			3	15.60	1.44	17.04		30.00
			4	15.62	1.44	17.06		30.00
			5	15.65	1.44	17.09		30.00
			6	13.66	1.44	15.10		30.00
	7	13.68	1.44	15.12	30.00			
	5795	159	0	16.09	1.44	17.53	19.00	30.00
			1	16.22	1.44	17.66		30.00
			2	16.42	1.44	17.86		30.00
			3	16.44	1.44	17.88		30.00
			4	16.43	1.44	17.87		30.00
			5	16.37	1.44	17.81		30.00
6			14.38	1.44	15.82	30.00		
7	14.33	1.44	15.77	30.00				

802.11ac(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	12.19	1.48	13.67	15.00	22.99
			1	12.20	1.48	13.68		22.99
			2	12.38	1.48	13.86		22.99
			3	12.35	1.48	13.83		22.99
			4	12.39	1.48	13.87		22.99
			5	12.40	1.48	13.88		22.99
			6	10.37	1.48	11.85		22.99
			7	10.38	1.48	11.86		22.99
			8	9.29	1.48	10.77		22.99
	5200	40	0	12.26	1.48	13.74	15.00	22.99
			1	12.21	1.48	13.69		22.99
			2	12.45	1.48	13.93		22.99
			3	12.57	1.48	14.05		22.99
			4	12.85	1.48	14.33		22.99
			5	12.75	1.48	14.23		22.99
			6	10.72	1.48	12.20		22.99
			7	10.74	1.48	12.22		22.99
			8	9.66	1.48	11.14		22.99
	5240	48	0	12.27	1.48	13.75	15.50	22.99
			1	12.32	1.48	13.80		22.99
			2	12.48	1.48	13.96		22.99
			3	12.41	1.48	13.89		22.99
			4	12.39	1.48	13.87		22.99
			5	12.46	1.48	13.94		22.99
6			10.49	1.48	11.97	22.99		
7			10.50	1.48	11.98	22.99		
8			9.65	1.48	11.13	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 2A	5260	52	0	13.15	1.50	14.65	15.50	22.95
			1	13.23	1.50	14.73		22.95
			2	13.47	1.50	14.97		22.95
			3	13.40	1.50	14.90		22.95
			4	13.41	1.50	14.91		22.95
			5	13.42	1.50	14.92		22.95
			6	11.54	1.50	13.04		22.95
			7	11.51	1.50	13.01		22.95
	5300	60	8	10.44	1.50	11.94	22.95	
			0	14.73	1.50	16.23	22.95	
			1	14.73	1.50	16.23	22.95	
			2	14.87	1.50	16.37	22.95	
			3	14.98	1.50	16.48	22.95	
			4	15.02	1.50	16.52	22.95	
			5	15.04	1.50	16.54	22.95	
			6	13.04	1.50	14.54	22.95	
	5320	64	7	13.14	1.50	14.64	22.95	
			8	11.96	1.50	13.46	22.95	
			0	15.38	1.50	16.88	22.95	
			1	15.51	1.50	17.01	22.95	
			2	15.60	1.50	17.10	22.95	
			3	15.70	1.50	17.20	22.95	
			4	15.65	1.50	17.15	22.95	
			5	15.71	1.50	17.21	22.95	
			6	13.75	1.50	15.25	22.95	
			7	13.80	1.50	15.30	22.95	
			8	12.59	1.50	14.09	22.95	

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	14.91	1.50	16.41	17.00	22.99
			1	14.97	1.50	16.47		22.99
			2	15.12	1.50	16.62		22.99
			3	15.27	1.50	16.77		22.99
			4	15.13	1.50	16.63		22.99
			5	15.17	1.50	16.67		22.99
			6	13.16	1.50	14.66		22.99
			7	13.22	1.50	14.72		22.99
	5580	116	8	12.16	1.50	13.66	15.00	22.99
			0	13.08	1.50	14.58		22.99
			1	13.13	1.50	14.63		22.99
			2	13.33	1.50	14.83		22.99
			3	13.35	1.50	14.85		22.99
			4	13.29	1.50	14.79		22.99
			5	13.36	1.50	14.86		22.99
			6	11.33	1.50	12.83		22.99
	5720	144	7	11.38	1.50	12.88	17.00	22.99
			8	10.24	1.50	11.74		22.99
			0	14.21	1.50	15.71		22.99
			1	14.29	1.50	15.79		22.99
			2	14.57	1.50	16.07		22.99
			3	14.50	1.50	16.00		22.99
			4	14.55	1.50	16.05		22.99
			5	14.65	1.50	16.15		22.99
6	12.60	1.50	14.10	22.99				
7	12.58	1.50	14.08	22.99				
8	11.49	1.50	12.99	22.99				

802.11ac(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	12.84	1.44	14.28	15.00	30.00
			1	12.96	1.44	14.40		30.00
			2	13.12	1.44	14.56		30.00
			3	13.14	1.44	14.58		30.00
			4	13.17	1.44	14.61		30.00
			5	13.42	1.44	14.86		30.00
			6	11.28	1.44	12.72		30.00
			7	11.38	1.44	12.82		30.00
	5785	157	8	10.30	1.44	11.74	17.00	30.00
			0	14.27	1.44	15.71		30.00
			1	14.27	1.44	15.71		30.00
			2	14.45	1.44	15.89		30.00
			3	14.54	1.44	15.98		30.00
			4	14.41	1.44	15.85		30.00
			5	14.37	1.44	15.81		30.00
			6	12.42	1.44	13.86		30.00
	5825	165	7	12.40	1.44	13.84	17.00	30.00
			8	11.30	1.44	12.74		30.00
			0	13.89	1.44	15.33		30.00
			1	14.02	1.44	15.46		30.00
			2	14.22	1.44	15.66		30.00
			3	14.24	1.44	15.68		30.00
			4	14.21	1.44	15.65		30.00
			5	14.31	1.44	15.75		30.00
6	12.22	1.44	13.66	30.00				
7	12.28	1.44	13.72	30.00				
8	11.15	1.44	12.59	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	13.88	1.48	15.36	16.00	22.99
			1	13.97	1.48	15.45		22.99
			2	14.03	1.48	15.51		22.99
			3	14.08	1.48	15.56		22.99
			4	13.89	1.48	15.37		22.99
			5	13.97	1.48	15.45		22.99
			6	12.06	1.48	13.54		22.99
			7	12.07	1.48	13.55		22.99
			8	10.98	1.48	12.46		22.99
	9	10.94	1.48	12.42	22.99			
	5230	46	0	13.29	1.48	14.77	16.00	22.99
			1	13.30	1.48	14.78		22.99
			2	13.39	1.48	14.87		22.99
			3	13.52	1.48	15.00		22.99
			4	13.41	1.48	14.89		22.99
			5	13.50	1.48	14.98		22.99
			6	11.58	1.48	13.06		22.99
			7	11.64	1.48	13.12		22.99
8			10.49	1.48	11.97	22.99		
9	10.61	1.48	12.09	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 2A	5270	54	0	13.26	1.50	14.76	15.50	22.95
			1	13.42	1.50	14.92		22.95
			2	13.66	1.50	15.16		22.95
			3	13.60	1.50	15.10		22.95
			4	13.56	1.50	15.06		22.95
			5	13.61	1.50	15.11		22.95
			6	11.73	1.50	13.23		22.95
			7	11.71	1.50	13.21		22.95
			8	10.42	1.50	11.92		22.95
	9	10.48	1.50	11.98	22.95			
	5310	62	0	13.51	1.50	15.01	15.50	22.95
			1	13.51	1.50	15.01		22.95
			2	13.67	1.50	15.17		22.95
			3	13.66	1.50	15.16		22.95
			4	13.80	1.50	15.30		22.95
			5	13.80	1.50	15.30		22.95
			6	11.89	1.50	13.39		22.95
			7	11.87	1.50	13.37		22.95
8			10.72	1.50	12.22	22.95		
9	10.65	1.50	12.15	22.95				

802.11ac(40MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5510	102	0	11.49	1.50	12.99	14.00	22.99
			1	11.63	1.50	13.13		22.99
			2	11.71	1.50	13.21		22.99
			3	11.71	1.50	13.21		22.99
			4	11.68	1.50	13.18		22.99
			5	11.73	1.50	13.23		22.99
			6	9.68	1.50	11.18		22.99
			7	9.69	1.50	11.19		22.99
			8	8.50	1.50	10.00		22.99
	9	8.48	1.50	9.98	22.99			
	5550	110	0	14.39	1.50	15.89	17.00	22.99
			1	14.47	1.50	15.97		22.99
			2	14.54	1.50	16.04		22.99
			3	14.59	1.50	16.09		22.99
			4	14.64	1.50	16.14		22.99
			5	14.64	1.50	16.14		22.99
			6	12.70	1.50	14.20		22.99
			7	12.67	1.50	14.17		22.99
			8	11.61	1.50	13.11		22.99
	9	11.57	1.50	13.07	22.99			
	5710	142	0	14.13	1.50	15.63	17.00	22.99
			1	14.26	1.50	15.76		22.99
			2	14.36	1.50	15.86		22.99
			3	14.29	1.50	15.79		22.99
			4	14.30	1.50	15.80		22.99
			5	14.37	1.50	15.87		22.99
			6	12.37	1.50	13.87		22.99
7			12.31	1.50	13.81	22.99		
8			11.15	1.50	12.65	22.99		
9	11.22	1.50	12.72	22.99				

802.11ac(40MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5755	151	0	15.75	1.44	17.19	18.00	30.00
			1	15.88	1.44	17.32		30.00
			2	16.02	1.44	17.46		30.00
			3	16.06	1.44	17.50		30.00
			4	16.01	1.44	17.45		30.00
			5	16.02	1.44	17.46		30.00
			6	14.03	1.44	15.47		30.00
			7	14.05	1.44	15.49		30.00
			8	12.94	1.44	14.38		30.00
	9	12.85	1.44	14.29	30.00			
	5795	159	0	15.36	1.44	16.80	18.00	30.00
			1	15.24	1.44	16.68		30.00
			2	15.26	1.44	16.70		30.00
			3	15.29	1.44	16.73		30.00
			4	15.32	1.44	16.76		30.00
			5	15.33	1.44	16.77		30.00
			6	13.30	1.44	14.74		30.00
			7	13.29	1.44	14.73		30.00
8			12.15	1.44	13.59	30.00		
9	12.06	1.44	13.50	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	12.78	1.48	14.26	15.00	22.99
			1	12.80	1.48	14.28		22.99
			2	13.01	1.48	14.49		22.99
			3	13.01	1.48	14.49		22.99
			4	13.25	1.48	14.73		22.99
			5	13.24	1.48	14.72		22.99
			6	11.21	1.48	12.69		22.99
			7	11.23	1.48	12.71		22.99
			8	10.01	1.48	11.49		22.99
			9	10.03	1.48	11.51		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 2A	5290	58	0	11.41	1.50	12.91	13.50	22.95
			1	11.49	1.50	12.99		22.95
			2	11.68	1.50	13.18		22.95
			3	11.72	1.50	13.22		22.95
			4	11.71	1.50	13.21		22.95
			5	11.67	1.50	13.17		22.95
			6	9.66	1.50	11.16		22.95
			7	9.68	1.50	11.18		22.95
			8	8.65	1.50	10.15		22.95
			9	8.60	1.50	10.10		22.95

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	12.84	1.50	14.34	15.00	22.99
			1	12.97	1.50	14.47		22.99
			2	13.26	1.50	14.76		22.99
			3	13.25	1.50	14.75		22.99
			4	13.20	1.50	14.70		22.99
			5	13.28	1.50	14.78		22.99
			6	11.26	1.50	12.76		22.99
			7	11.21	1.50	12.71		22.99
			8	10.07	1.50	11.57		22.99
	9	9.96	1.50	11.46	22.99			
	5690	138	0	14.12	1.50	15.62	17.00	22.99
			1	13.79	1.50	15.29		22.99
			2	14.39	1.50	15.89		22.99
			3	14.47	1.50	15.97		22.99
			4	14.48	1.50	15.98		22.99
			5	14.50	1.50	16.00		22.99
			6	12.52	1.50	14.02		22.99
			7	12.50	1.50	14.00		22.99
8			11.25	1.50	12.75	22.99		
9	11.26	1.50	12.76	22.99				

802.11ac(80MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5775	155	0	16.00	1.44	17.44	19.00	30.00
			1	16.13	1.44	17.57		30.00
			2	16.26	1.44	17.70		30.00
			3	16.30	1.44	17.74		30.00
			4	16.33	1.44	17.77		30.00
			5	16.34	1.44	17.78		30.00
			6	14.26	1.44	15.70		30.00
			7	14.30	1.44	15.74		30.00
			8	13.21	1.44	14.65		30.00
			9	13.12	1.44	14.56		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	11.53	1.50	13.03	15.00	22.99
			9	11.82	1.50	13.32		22.99
			12	11.87	1.50	13.37		22.99
			18	12.09	1.50	13.59		22.99
			24	12.08	1.50	13.58		22.99
			36	12.21	1.50	13.71		22.99
			48	10.16	1.50	11.66		22.99
			54	10.14	1.50	11.64		22.99
	5200	40	6	11.57	1.50	13.07	15.00	22.99
			9	11.65	1.50	13.15		22.99
			12	11.68	1.50	13.18		22.99
			18	11.87	1.50	13.37		22.99
			24	11.83	1.50	13.33		22.99
			36	11.80	1.50	13.30		22.99
			48	10.00	1.50	11.50		22.99
			54	10.01	1.50	11.51		22.99
	5240	48	6	11.29	1.50	12.79	14.50	22.99
			9	11.40	1.50	12.90		22.99
			12	11.45	1.50	12.95		22.99
			18	11.61	1.50	13.11		22.99
			24	11.66	1.50	13.16		22.99
			36	11.58	1.50	13.08		22.99
			48	9.79	1.50	11.29		22.99
			54	9.84	1.50	11.34		22.99

802.11a Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	Rate (Mbps)	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2A	5260	52	6	12.48	1.50	13.98	15.50	22.95
			9	12.58	1.50	14.08		22.95
			12	12.50	1.50	14.00		22.95
			18	12.75	1.50	14.25		22.95
			24	12.67	1.50	14.17		22.95
			36	12.58	1.50	14.08		22.95
			48	10.65	1.50	12.15		22.95
			54	10.74	1.50	12.24		22.95
	5300	60	6	12.27	1.50	13.77	15.50	22.95
			9	12.34	1.50	13.84		22.95
			12	12.43	1.50	13.93		22.95
			18	12.56	1.50	14.06		22.95
			24	12.64	1.50	14.14		22.95
			36	12.57	1.50	14.07		22.95
			48	10.60	1.50	12.10		22.95
			54	10.64	1.50	12.14		22.95
	5320	64	6	11.78	1.50	13.28	15.50	22.95
			9	11.93	1.50	13.43		22.95
			12	11.94	1.50	13.44		22.95
			18	12.10	1.50	13.60		22.95
			24	12.11	1.50	13.61		22.95
			36	12.17	1.50	13.67		22.95
			48	10.27	1.50	11.77		22.95
			54	10.26	1.50	11.76		22.95

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	11.15	1.50	12.65	15.00	22.99
			9	11.15	1.50	12.65		22.99
			12	11.21	1.50	12.71		22.99
			18	11.42	1.50	12.92		22.99
			24	11.41	1.50	12.91		22.99
			36	11.44	1.50	12.94		22.99
			48	9.51	1.50	11.01		22.99
			54	9.60	1.50	11.10		22.99
	5580	116	6	11.90	1.50	13.40	15.00	22.99
			9	11.97	1.50	13.47		22.99
			12	12.01	1.50	13.51		22.99
			18	12.19	1.50	13.69		22.99
			24	12.22	1.50	13.72		22.99
			36	12.17	1.50	13.67		22.99
			48	10.44	1.50	11.94		22.99
			54	10.35	1.50	11.85		22.99
	5720	144	6	12.56	1.50	14.06	15.00	22.99
			9	12.53	1.50	14.03		22.99
			12	12.52	1.50	14.02		22.99
			18	12.71	1.50	14.21		22.99
			24	12.71	1.50	14.21		22.99
			36	12.66	1.50	14.16		22.99
			48	10.85	1.50	12.35		22.99
			54	10.87	1.50	12.37		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 3	5745	149	6	13.42	1.49	14.91	15.00	30.00
			9	13.43	1.49	14.92		30.00
			12	13.50	1.49	14.99		30.00
			18	13.68	1.49	15.17		30.00
			24	13.67	1.49	15.16		30.00
			36	13.66	1.49	15.15		30.00
			48	11.88	1.49	13.37		30.00
			54	11.96	1.49	13.45		30.00
	5785	157	6	14.79	1.49	16.28	17.00	30.00
			9	14.90	1.49	16.39		30.00
			12	14.92	1.49	16.41		30.00
			18	15.17	1.49	16.66		30.00
			24	15.14	1.49	16.63		30.00
			36	15.15	1.49	16.64		30.00
			48	13.33	1.49	14.82		30.00
			54	13.44	1.49	14.93		30.00
	5825	165	6	14.21	1.49	15.70	17.00	30.00
			9	14.38	1.49	15.87		30.00
			12	14.38	1.49	15.87		30.00
			18	14.53	1.49	16.02		30.00
			24	14.58	1.49	16.07		30.00
			36	14.54	1.49	16.03		30.00
			48	12.73	1.49	14.22		30.00
			54	12.80	1.49	14.29		30.00

802.11n(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	11.66	1.50	13.16	15.00	22.99
			1	11.67	1.50	13.17		22.99
			2	11.79	1.50	13.29		22.99
			3	11.84	1.50	13.34		22.99
			4	11.82	1.50	13.32		22.99
			5	11.84	1.50	13.34		22.99
			6	10.04	1.50	11.54		22.99
			7	10.18	1.50	11.68		22.99
	5200	40	0	11.42	1.50	12.92	15.00	22.99
			1	11.51	1.50	13.01		22.99
			2	11.66	1.50	13.16		22.99
			3	11.62	1.50	13.12		22.99
			4	11.67	1.50	13.17		22.99
			5	11.64	1.50	13.14		22.99
			6	9.63	1.50	11.13		22.99
			7	9.64	1.50	11.14		22.99
	5240	48	0	11.06	1.50	12.56	14.50	22.99
			1	11.16	1.50	12.66		22.99
			2	11.32	1.50	12.82		22.99
			3	11.33	1.50	12.83		22.99
			4	11.26	1.50	12.76		22.99
			5	11.29	1.50	12.79		22.99
			6	9.34	1.50	10.84		22.99
			7	9.30	1.50	10.80		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 2A	5260	52	0	12.38	1.50	13.88	15.50	22.95
			1	12.45	1.50	13.95		22.95
			2	12.62	1.50	14.12		22.95
			3	12.67	1.50	14.17		22.95
			4	12.54	1.50	14.04		22.95
			5	12.59	1.50	14.09		22.95
			6	10.68	1.50	12.18		22.95
			7	10.59	1.50	12.09		22.95
	5300	60	0	12.12	1.50	13.62	15.50	22.95
			1	12.21	1.50	13.71		22.95
			2	12.43	1.50	13.93		22.95
			3	12.34	1.50	13.84		22.95
			4	12.39	1.50	13.89		22.95
			5	12.46	1.50	13.96		22.95
			6	10.57	1.50	12.07		22.95
			7	10.57	1.50	12.07		22.95
	5320	64	0	11.78	1.50	13.28	15.50	22.95
			1	11.79	1.50	13.29		22.95
			2	12.04	1.50	13.54		22.95
			3	12.07	1.50	13.57		22.95
			4	11.95	1.50	13.45		22.95
			5	11.91	1.50	13.41		22.95
			6	10.09	1.50	11.59		22.95
			7	10.15	1.50	11.65		22.95

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	13.80	1.50	15.30	17.00	22.99
			1	13.91	1.50	15.41		22.99
			2	14.12	1.50	15.62		22.99
			3	14.07	1.50	15.57		22.99
			4	14.08	1.50	15.58		22.99
			5	14.15	1.50	15.65		22.99
			6	12.42	1.50	13.92		22.99
			7	12.39	1.50	13.89		22.99
	5580	116	0	14.72	1.50	16.22	17.00	22.99
			1	14.77	1.50	16.27		22.99
			2	15.12	1.50	16.62		22.99
			3	15.09	1.50	16.59		22.99
			4	14.99	1.50	16.49		22.99
			5	15.08	1.50	16.58		22.99
			6	13.32	1.50	14.82		22.99
			7	13.19	1.50	14.69		22.99
	5720	144	0	14.44	1.50	15.94	17.00	22.99
			1	14.59	1.50	16.09		22.99
			2	14.80	1.50	16.30		22.99
			3	14.82	1.50	16.32		22.99
			4	14.83	1.50	16.33		22.99
			5	14.52	1.50	16.02		22.99
			6	13.06	1.50	14.56		22.99
			7	13.07	1.50	14.57		22.99

802.11n(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	13.14	1.49	14.63	15.00	30.00
			1	13.29	1.49	14.78		30.00
			2	13.51	1.49	15.00		30.00
			3	13.53	1.49	15.02		30.00
			4	13.54	1.49	15.03		30.00
			5	13.55	1.49	15.04		30.00
			6	11.76	1.49	13.25		30.00
			7	11.75	1.49	13.24		30.00
	5785	157	0	14.75	1.49	16.24	17.00	30.00
			1	14.82	1.49	16.31		30.00
			2	14.98	1.49	16.47		30.00
			3	15.02	1.49	16.51		30.00
			4	14.99	1.49	16.48		30.00
			5	15.04	1.49	16.53		30.00
			6	13.18	1.49	14.67		30.00
			7	13.24	1.49	14.73		30.00
	5825	165	0	14.07	1.49	15.56	17.00	30.00
			1	14.19	1.49	15.68		30.00
			2	14.35	1.49	15.84		30.00
			3	14.33	1.49	15.82		30.00
			4	14.33	1.49	15.82		30.00
			5	14.36	1.49	15.85		30.00
			6	12.58	1.49	14.07		30.00
			7	12.60	1.49	14.09		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	12.83	1.50	14.33	16.00	22.99
			1	12.95	1.50	14.45		22.99
			2	13.06	1.50	14.56		22.99
			3	13.04	1.50	14.54		22.99
			4	12.96	1.50	14.46		22.99
			5	12.92	1.50	14.42		22.99
			6	11.04	1.50	12.54		22.99
	7	11.08	1.50	12.58	22.99			
	5230	46	0	12.43	1.50	13.93	16.00	22.99
			1	12.38	1.50	13.88		22.99
			2	12.67	1.50	14.17		22.99
			3	12.67	1.50	14.17		22.99
			4	12.62	1.50	14.12		22.99
			5	12.69	1.50	14.19		22.99
6			10.80	1.50	12.30	22.99		
7	10.77	1.50	12.27	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 2A	5270	54	0	12.14	1.50	13.64	15.50	22.95
			1	12.25	1.50	13.75		22.95
			2	12.48	1.50	13.98		22.95
			3	12.45	1.50	13.95		22.95
			4	12.41	1.50	13.91		22.95
			5	12.43	1.50	13.93		22.95
			6	10.43	1.50	11.93		22.95
	7	10.42	1.50	11.92	22.95			
	5310	62	0	11.90	1.50	13.40	15.50	22.95
			1	11.96	1.50	13.46		22.95
			2	12.19	1.50	13.69		22.95
			3	12.30	1.50	13.80		22.95
			4	12.24	1.50	13.74		22.95
			5	12.29	1.50	13.79		22.95
6			10.34	1.50	11.84	22.95		
7	10.28	1.50	11.78	22.95				

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	11.88	1.50	13.38	15.00	22.99
			1	12.00	1.50	13.50		22.99
			2	12.23	1.50	13.73		22.99
			3	12.21	1.50	13.71		22.99
			4	12.21	1.50	13.71		22.99
			5	12.16	1.50	13.66		22.99
			6	10.46	1.50	11.96		22.99
	7	10.47	1.50	11.97	22.99			
	5550	110	0	13.58	1.50	15.08	17.00	22.99
			1	13.57	1.50	15.07		22.99
			2	13.84	1.50	15.34		22.99
			3	13.82	1.50	15.32		22.99
			4	13.73	1.50	15.23		22.99
			5	13.75	1.50	15.25		22.99
			6	11.90	1.50	13.40		22.99
	7	11.91	1.50	13.41	22.99			
	5710	142	0	14.11	1.50	15.61	17.00	22.99
			1	14.22	1.50	15.72		22.99
			2	14.38	1.50	15.88		22.99
			3	14.45	1.50	15.95		22.99
			4	14.46	1.50	15.96		22.99
5			14.42	1.50	15.92	22.99		
6			12.63	1.50	14.13	22.99		
7	12.70	1.50	14.20	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 3	5755	151	0	15.71	1.49	17.20	18.00	30.00
			1	15.72	1.49	17.21		30.00
			2	15.99	1.49	17.48		30.00
			3	16.00	1.49	17.49		30.00
			4	15.93	1.49	17.42		30.00
			5	15.95	1.49	17.44		30.00
			6	14.20	1.49	15.69		30.00
	7	14.24	1.49	15.73	30.00			
	5795	159	0	16.20	1.49	17.69	19.00	30.00
			1	16.20	1.49	17.69		30.00
			2	16.38	1.49	17.87		30.00
			3	16.47	1.49	17.96		30.00
			4	16.43	1.49	17.92		30.00
			5	16.51	1.49	18.00		30.00
6			14.76	1.49	16.25	30.00		
7	14.71	1.49	16.20	30.00				

802.11ac(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 1	5180	36	0	11.35	1.50	12.85	15.00	22.99
			1	11.44	1.50	12.94		22.99
			2	11.60	1.50	13.10		22.99
			3	11.55	1.50	13.05		22.99
			4	11.54	1.50	13.04		22.99
			5	11.67	1.50	13.17		22.99
			6	9.68	1.50	11.18		22.99
			7	9.80	1.50	11.30		22.99
			8	8.42	1.50	9.92		22.99
	5200	40	0	11.82	1.50	13.32	15.00	22.99
			1	11.93	1.50	13.43		22.99
			2	12.13	1.50	13.63		22.99
			3	12.10	1.50	13.60		22.99
			4	11.96	1.50	13.46		22.99
			5	12.00	1.50	13.50		22.99
			6	10.07	1.50	11.57		22.99
			7	10.05	1.50	11.55		22.99
			8	9.00	1.50	10.50		22.99
	5240	48	0	11.69	1.50	13.19	15.50	22.99
			1	11.87	1.50	13.37		22.99
			2	12.01	1.50	13.51		22.99
			3	12.03	1.50	13.53		22.99
			4	11.93	1.50	13.43		22.99
			5	11.89	1.50	13.39		22.99
6			9.85	1.50	11.35	22.99		
7			9.89	1.50	11.39	22.99		
8			9.05	1.50	10.55	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 2A	5260	52	0	12.09	1.50	13.59	15.50	22.95
			1	12.17	1.50	13.67		22.95
			2	12.23	1.50	13.73		22.95
			3	12.23	1.50	13.73		22.95
			4	12.31	1.50	13.81		22.95
			5	12.26	1.50	13.76		22.95
			6	10.36	1.50	11.86		22.95
			7	10.42	1.50	11.92		22.95
	8	9.46	1.50	10.96	22.95			
	5300	60	0	13.03	1.50	14.53	16.00	22.95
			1	13.04	1.50	14.54		22.95
			2	13.25	1.50	14.75		22.95
			3	13.32	1.50	14.82		22.95
			4	13.20	1.50	14.70		22.95
			5	13.27	1.50	14.77		22.95
			6	11.66	1.50	13.16		22.95
			7	11.54	1.50	13.04		22.95
	8	10.51	1.50	12.01	22.95			
	5320	64	0	13.73	1.50	15.23	17.00	22.95
			1	13.81	1.50	15.31		22.95
			2	14.05	1.50	15.55		22.95
			3	13.98	1.50	15.48		22.95
			4	14.03	1.50	15.53		22.95
			5	14.06	1.50	15.56		22.95
6			12.19	1.50	13.69	22.95		
7			12.24	1.50	13.74	22.95		
8	11.31	1.50	12.81	22.95				

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	13.95	1.50	15.45	17.00	22.99
			1	14.04	1.50	15.54		22.99
			2	14.25	1.50	15.75		22.99
			3	14.24	1.50	15.74		22.99
			4	14.24	1.50	15.74		22.99
			5	14.32	1.50	15.82		22.99
			6	12.36	1.50	13.86		22.99
			7	12.28	1.50	13.78		22.99
	5580	116	0	12.68	1.50	14.18	15.00	22.99
			1	12.80	1.50	14.30		22.99
			2	12.88	1.50	14.38		22.99
			3	12.91	1.50	14.41		22.99
			4	12.94	1.50	14.44		22.99
			5	12.98	1.50	14.48		22.99
			6	11.08	1.50	12.58		22.99
			7	11.02	1.50	12.52		22.99
	5720	144	0	14.20	1.50	15.70	17.00	22.99
			1	14.30	1.50	15.80		22.99
			2	14.46	1.50	15.96		22.99
			3	14.42	1.50	15.92		22.99
			4	14.50	1.50	16.00		22.99
			5	14.48	1.50	15.98		22.99
			6	12.64	1.50	14.14		22.99
			7	12.70	1.50	14.20		22.99
			8	11.54	1.50	13.04	22.99	

802.11ac(20MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5745	149	0	12.85	1.49	14.34	15.00	30.00
			1	12.97	1.49	14.46		30.00
			2	12.99	1.49	14.48		30.00
			3	13.17	1.49	14.66		30.00
			4	13.01	1.49	14.50		30.00
			5	13.00	1.49	14.49		30.00
			6	11.28	1.49	12.77		30.00
			7	11.37	1.49	12.86		30.00
	8	10.21	1.49	11.70	30.00			
	5785	157	0	14.54	1.49	16.03	17.00	30.00
			1	14.65	1.49	16.14		30.00
			2	14.81	1.49	16.30		30.00
			3	14.89	1.49	16.38		30.00
			4	14.80	1.49	16.29		30.00
			5	14.85	1.49	16.34		30.00
			6	13.01	1.49	14.50		30.00
			7	13.12	1.49	14.61		30.00
	8	11.97	1.49	13.46	30.00			
	5825	165	0	14.22	1.49	15.71	17.00	30.00
			1	14.34	1.49	15.83		30.00
			2	14.45	1.49	15.94		30.00
			3	14.52	1.49	16.01		30.00
			4	14.51	1.49	16.00		30.00
			5	14.57	1.49	16.06		30.00
6			12.81	1.49	14.30	30.00		
7			12.74	1.49	14.23	30.00		
8	11.57	1.49	13.06	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	12.64	1.50	14.14	16.00	22.99
			1	12.77	1.50	14.27		22.99
			2	12.96	1.50	14.46		22.99
			3	12.95	1.50	14.45		22.99
			4	12.90	1.50	14.40		22.99
			5	12.92	1.50	14.42		22.99
			6	11.00	1.50	12.50		22.99
			7	10.97	1.50	12.47		22.99
			8	10.09	1.50	11.59		22.99
	9	10.07	1.50	11.57	22.99			
	5230	46	0	12.30	1.50	13.80	16.00	22.99
			1	12.43	1.50	13.93		22.99
			2	12.60	1.50	14.10		22.99
			3	12.61	1.50	14.11		22.99
			4	12.55	1.50	14.05		22.99
			5	12.54	1.50	14.04		22.99
			6	10.61	1.50	12.11		22.99
			7	10.59	1.50	12.09		22.99
8			9.69	1.50	11.19	22.99		
9	9.76	1.50	11.26	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 2A	5270	54	0	12.02	1.50	13.52	15.50	22.95
			1	12.08	1.50	13.58		22.95
			2	12.30	1.50	13.80		22.95
			3	12.27	1.50	13.77		22.95
			4	12.27	1.50	13.77		22.95
			5	12.29	1.50	13.79		22.95
			6	10.38	1.50	11.88		22.95
			7	10.39	1.50	11.89		22.95
			8	9.53	1.50	11.03		22.95
	9	9.46	1.50	10.96	22.95			
	5310	62	0	12.47	1.50	13.97	15.50	22.95
			1	12.61	1.50	14.11		22.95
			2	12.76	1.50	14.26		22.95
			3	12.79	1.50	14.29		22.95
			4	12.83	1.50	14.33		22.95
			5	12.74	1.50	14.24		22.95
			6	10.94	1.50	12.44		22.95
			7	10.96	1.50	12.46		22.95
8			9.99	1.50	11.49	22.95		
9	9.93	1.50	11.43	22.95				

802.11ac(40MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 2C	5510	102	0	10.77	1.50	12.27	14.00	22.99
			1	10.89	1.50	12.39		22.99
			2	11.07	1.50	12.57		22.99
			3	11.12	1.50	12.62		22.99
			4	11.00	1.50	12.50		22.99
			5	11.03	1.50	12.53		22.99
			6	9.24	1.50	10.74		22.99
			7	9.22	1.50	10.72		22.99
			8	8.14	1.50	9.64		22.99
	9	8.17	1.50	9.67	22.99			
	5550	110	0	13.43	1.50	14.93	17.00	22.99
			1	13.54	1.50	15.04		22.99
			2	13.68	1.50	15.18		22.99
			3	13.73	1.50	15.23		22.99
			4	13.63	1.50	15.13		22.99
			5	13.72	1.50	15.22		22.99
			6	11.59	1.50	13.09		22.99
			7	11.96	1.50	13.46		22.99
			8	10.87	1.50	12.37		22.99
	9	10.88	1.50	12.38	22.99			
	5710	142	0	14.08	1.50	15.58	17.00	22.99
			1	14.15	1.50	15.65		22.99
			2	14.30	1.50	15.80		22.99
			3	14.37	1.50	15.87		22.99
			4	14.24	1.50	15.74		22.99
			5	14.52	1.50	16.02		22.99
			6	12.36	1.50	13.86		22.99
7			12.44	1.50	13.94	22.99		
8			11.31	1.50	12.81	22.99		
9	11.37	1.50	12.87	22.99				

802.11ac(40MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5755	151	0	15.66	1.49	17.15	18.00	30.00
			1	15.79	1.49	17.28		30.00
			2	15.97	1.49	17.46		30.00
			3	15.89	1.49	17.38		30.00
			4	15.96	1.49	17.45		30.00
			5	15.99	1.49	17.48		30.00
			6	14.16	1.49	15.65		30.00
			7	14.08	1.49	15.57		30.00
			8	13.01	1.49	14.50		30.00
	9	13.03	1.49	14.52	30.00			
	5795	159	0	15.57	1.49	17.06	18.00	30.00
			1	15.65	1.49	17.14		30.00
			2	15.73	1.49	17.22		30.00
			3	15.62	1.49	17.11		30.00
			4	15.66	1.49	17.15		30.00
			5	15.62	1.49	17.11		30.00
			6	13.67	1.49	15.16		30.00
			7	13.66	1.49	15.15		30.00
8			12.52	1.49	14.01	30.00		
9	12.55	1.49	14.04	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	11.94	1.50	13.44	15.00	22.99
			1	12.02	1.50	13.52		22.99
			2	12.23	1.50	13.73		22.99
			3	12.21	1.50	13.71		22.99
			4	12.23	1.50	13.73		22.99
			5	12.19	1.50	13.69		22.99
			6	10.17	1.50	11.67		22.99
			7	10.22	1.50	11.72		22.99
			8	9.02	1.50	10.52		22.99
			9	9.00	1.50	10.50		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 2A	5290	58	0	10.55	1.50	12.05	13.50	22.95
			1	10.69	1.50	12.19		22.95
			2	10.94	1.50	12.44		22.95
			3	11.01	1.50	12.51		22.95
			4	11.05	1.50	12.55		22.95
			5	11.07	1.50	12.57		22.95
			6	9.00	1.50	10.50		22.95
			7	9.05	1.50	10.55		22.95
			8	7.87	1.50	9.37		22.95
			9	7.88	1.50	9.38		22.95

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	11.72	1.50	13.22	15.00	22.99
			1	11.82	1.50	13.32		22.99
			2	11.99	1.50	13.49		22.99
			3	11.91	1.50	13.41		22.99
			4	12.00	1.50	13.50		22.99
			5	12.03	1.50	13.53		22.99
			6	9.98	1.50	11.48		22.99
			7	9.99	1.50	11.49		22.99
			8	8.84	1.50	10.34		22.99
	9	8.79	1.50	10.29	22.99			
	5690	138	0	14.14	1.50	15.64	17.00	22.99
			1	14.13	1.50	15.63		22.99
			2	14.38	1.50	15.88		22.99
			3	14.26	1.50	15.76		22.99
			4	14.36	1.50	15.86		22.99
			5	14.33	1.50	15.83		22.99
			6	12.35	1.50	13.85		22.99
			7	12.29	1.50	13.79		22.99
8			11.18	1.50	12.68	22.99		
9	11.11	1.50	12.61	22.99				

802.11ac(80MHz) Mode			SISO Measured Power (dBm)					
Band	Frequency [MHz]	Channel No.	MCS Index	Measured Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting	Limit (dBm)
UNII 3	5775	155	0	16.15	1.49	17.64	19.00	30.00
			1	16.23	1.49	17.72		30.00
			2	16.48	1.49	17.97		30.00
			3	16.51	1.49	18.00		30.00
			4	16.37	1.49	17.86		30.00
			5	16.61	1.49	18.10		30.00
			6	14.36	1.49	15.85		30.00
			7	14.50	1.49	15.99		30.00
			8	13.32	1.49	14.81		30.00
			9	13.33	1.49	14.82		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	14.88	4.50	19.38	22.99	
			9	15.08	4.50	19.58	22.99	
			12	15.13	4.50	19.63	22.99	
			18	15.36	4.50	19.86	22.99	
			24	15.38	4.50	19.88	22.99	
			36	15.41	4.50	19.91	22.99	
			48	13.51	4.50	18.01	22.99	
	5200	40	6	15.07	4.50	19.57	22.99	
			9	15.13	4.50	19.63	22.99	
			12	15.15	4.50	19.65	22.99	
			18	15.32	4.50	19.82	22.99	
			24	15.32	4.50	19.82	22.99	
			36	15.23	4.50	19.73	22.99	
			48	13.48	4.50	17.98	22.99	
	5240	48	6	14.41	4.50	18.91	22.99	
			9	14.44	4.50	18.94	22.99	
			12	14.49	4.50	18.99	22.99	
			18	14.67	4.50	19.17	22.99	
			24	14.68	4.50	19.18	22.99	
			36	15.14	4.50	19.64	22.99	
			48	13.10	4.50	17.60	22.99	
				54	13.11	4.50	17.61	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 2A	5260	52	6	16.00	4.51	20.51	22.95
			9	16.10	4.51	20.61	22.95
			12	16.08	4.51	20.59	22.95
			18	16.28	4.51	20.79	22.95
			24	16.14	4.51	20.65	22.95
			36	16.08	4.51	20.59	22.95
			48	14.21	4.51	18.72	22.95
			54	14.21	4.51	18.72	22.95
	5300	60	6	15.74	4.51	20.25	22.95
			9	15.85	4.51	20.36	22.95
			12	15.89	4.51	20.40	22.95
			18	15.97	4.51	20.48	22.95
			24	16.07	4.51	20.58	22.95
			36	16.05	4.51	20.56	22.95
			48	14.11	4.51	18.62	22.95
			54	14.08	4.51	18.59	22.95
	5320	64	6	15.42	4.51	19.93	22.95
			9	15.47	4.51	19.98	22.95
			12	15.56	4.51	20.07	22.95
			18	15.76	4.51	20.27	22.95
			24	15.76	4.51	20.27	22.95
			36	15.80	4.51	20.31	22.95
			48	13.91	4.51	18.42	22.95
			54	13.92	4.51	18.43	22.95

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	14.92	4.51	19.43	22.99
			9	14.91	4.51	19.42	22.99
			12	14.84	4.51	19.35	22.99
			18	15.00	4.51	19.51	22.99
			24	14.94	4.51	19.45	22.99
			36	14.94	4.51	19.45	22.99
			48	13.01	4.51	17.52	22.99
			54	13.02	4.51	17.53	22.99
	5580	116	6	15.52	4.51	20.03	22.99
			9	15.60	4.51	20.11	22.99
			12	15.62	4.51	20.13	22.99
			18	15.80	4.51	20.31	22.99
			24	15.83	4.51	20.34	22.99
			36	15.77	4.51	20.28	22.99
			48	13.83	4.51	18.34	22.99
			54	13.83	4.51	18.34	22.99
	5720	144	6	15.32	4.51	19.83	22.99
			9	15.37	4.51	19.88	22.99
			12	15.38	4.51	19.89	22.99
			18	15.58	4.51	20.09	22.99
			24	15.60	4.51	20.11	22.99
			36	15.56	4.51	20.07	22.99
			48	13.65	4.51	18.16	22.99
			54	13.63	4.51	18.14	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 3	5745	149	6	16.45	4.48	20.93	30.00
			9	16.51	4.48	20.99	30.00
			12	16.56	4.48	21.04	30.00
			18	16.75	4.48	21.23	30.00
			24	16.77	4.48	21.25	30.00
			36	16.74	4.48	21.22	30.00
			48	14.86	4.48	19.34	30.00
			54	14.90	4.48	19.38	30.00
	5785	157	6	17.82	4.48	22.30	30.00
			9	17.95	4.48	22.43	30.00
			12	17.97	4.48	22.45	30.00
			18	18.18	4.48	22.66	30.00
			24	18.18	4.48	22.66	30.00
			36	18.22	4.48	22.70	30.00
			48	16.29	4.48	20.77	30.00
			54	16.35	4.48	20.83	30.00
	5825	165	6	17.24	4.48	21.72	30.00
			9	17.38	4.48	21.86	30.00
			12	17.38	4.48	21.86	30.00
			18	17.53	4.48	22.01	30.00
			24	17.57	4.48	22.05	30.00
			36	17.54	4.48	22.02	30.00
			48	15.64	4.48	20.12	30.00
			54	15.68	4.48	20.16	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	15.02	4.50	19.52	22.99
			1	15.01	4.50	19.51	22.99
			2	15.10	4.50	19.60	22.99
			3	15.06	4.50	19.56	22.99
			4	15.04	4.50	19.54	22.99
			5	15.06	4.50	19.56	22.99
			6	13.19	4.50	17.69	22.99
	7	13.29	4.50	17.79	22.99		
	5200	40	0	14.90	4.50	19.40	22.99
			1	14.98	4.50	19.48	22.99
			2	15.11	4.50	19.61	22.99
			3	15.15	4.50	19.65	22.99
			4	15.15	4.50	19.65	22.99
			5	15.15	4.50	19.65	22.99
			6	13.18	4.50	17.68	22.99
	7	13.16	4.50	17.66	22.99		
	5240	48	0	14.22	4.50	18.72	22.99
			1	14.31	4.50	18.81	22.99
			2	14.47	4.50	18.97	22.99
			3	14.46	4.50	18.96	22.99
			4	14.81	4.50	19.31	22.99
5			14.82	4.50	19.32	22.99	
6			12.58	4.50	17.08	22.99	
7	12.56	4.50	17.06	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 2A	5260	52	0	15.81	4.51	20.32	22.95
			1	15.89	4.51	20.40	22.95
			2	16.05	4.51	20.56	22.95
			3	16.05	4.51	20.56	22.95
			4	16.02	4.51	20.53	22.95
			5	16.07	4.51	20.58	22.95
			6	14.16	4.51	18.67	22.95
			7	14.14	4.51	18.65	22.95
	5300	60	0	15.63	4.51	20.14	22.95
			1	15.75	4.51	20.26	22.95
			2	15.91	4.51	20.42	22.95
			3	15.90	4.51	20.41	22.95
			4	15.92	4.51	20.43	22.95
			5	15.97	4.51	20.48	22.95
			6	14.05	4.51	18.56	22.95
			7	14.09	4.51	18.60	22.95
	5320	64	0	15.43	4.51	19.94	22.95
			1	15.45	4.51	19.96	22.95
			2	15.67	4.51	20.18	22.95
			3	15.67	4.51	20.18	22.95
			4	15.71	4.51	20.22	22.95
			5	15.70	4.51	20.21	22.95
			6	13.81	4.51	18.32	22.95
			7	13.81	4.51	18.32	22.95

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	17.41	4.51	21.92	22.99
			1	17.50	4.51	22.01	22.99
			2	17.67	4.51	22.18	22.99
			3	17.70	4.51	22.21	22.99
			4	17.67	4.51	22.18	22.99
			5	17.72	4.51	22.23	22.99
			6	15.87	4.51	20.38	22.99
			7	15.86	4.51	20.37	22.99
	5580	116	0	17.11	4.51	21.62	22.99
			1	17.16	4.51	21.67	22.99
			2	17.45	4.51	21.96	22.99
			3	17.44	4.51	21.95	22.99
			4	17.38	4.51	21.89	22.99
			5	17.45	4.51	21.96	22.99
			6	15.57	4.51	20.08	22.99
			7	15.48	4.51	19.99	22.99
	5720	144	0	17.33	4.51	21.84	22.99
			1	17.46	4.51	21.97	22.99
			2	17.64	4.51	22.15	22.99
			3	17.65	4.51	22.16	22.99
			4	17.69	4.51	22.20	22.99
			5	17.56	4.51	22.07	22.99
			6	15.81	4.51	20.32	22.99
			7	15.84	4.51	20.35	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 3	5745	149	0	16.27	4.48	20.75	30.00
			1	16.40	4.48	20.88	30.00
			2	16.60	4.48	21.08	30.00
			3	16.63	4.48	21.11	30.00
			4	16.52	4.48	21.00	30.00
			5	16.55	4.48	21.03	30.00
			6	14.62	4.48	19.10	30.00
	7	14.66	4.48	19.14	30.00		
	5785	157	0	17.68	4.48	22.16	30.00
			1	17.79	4.48	22.27	30.00
			2	17.96	4.48	22.44	30.00
			3	17.99	4.48	22.47	30.00
			4	18.01	4.48	22.49	30.00
			5	18.06	4.48	22.54	30.00
			6	16.09	4.48	20.57	30.00
	7	16.14	4.48	20.62	30.00		
	5825	165	0	16.92	4.48	21.40	30.00
			1	17.05	4.48	21.53	30.00
			2	17.21	4.48	21.69	30.00
			3	17.13	4.48	21.61	30.00
			4	17.17	4.48	21.65	30.00
5			17.21	4.48	21.69	30.00	
6			15.32	4.48	19.80	30.00	
7	15.35	4.48	19.83	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	16.16	4.50	20.66	22.99
			1	16.26	4.50	20.76	22.99
			2	16.42	4.50	20.92	22.99
			3	16.45	4.50	20.95	22.99
			4	16.30	4.50	20.80	22.99
			5	16.32	4.50	20.82	22.99
			6	14.48	4.50	18.98	22.99
	5230	46	0	15.75	4.50	20.25	22.99
			1	15.77	4.50	20.27	22.99
			2	16.02	4.50	20.52	22.99
			3	16.04	4.50	20.54	22.99
			4	15.96	4.50	20.46	22.99
			5	16.07	4.50	20.57	22.99
			6	14.16	4.50	18.66	22.99
			7	14.17	4.50	18.67	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 2A	5270	54	0	15.66	4.51	20.17	22.95
			1	15.74	4.51	20.25	22.95
			2	15.91	4.51	20.42	22.95
			3	15.92	4.51	20.43	22.95
			4	15.87	4.51	20.38	22.95
			5	15.81	4.51	20.32	22.95
			6	13.90	4.51	18.41	22.95
	5310	62	0	15.58	4.51	20.09	22.95
			1	15.64	4.51	20.15	22.95
			2	15.83	4.51	20.34	22.95
			3	15.91	4.51	20.42	22.95
			4	15.74	4.51	20.25	22.95
			5	15.83	4.51	20.34	22.95
			6	13.94	4.51	18.45	22.95
			7	13.91	4.51	18.42	22.95

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	15.40	4.51	19.91	22.99
			1	15.50	4.51	20.01	22.99
			2	15.70	4.51	20.21	22.99
			3	15.68	4.51	20.19	22.99
			4	15.73	4.51	20.24	22.99
			5	15.71	4.51	20.22	22.99
			6	13.85	4.51	18.36	22.99
	7	13.87	4.51	18.38	22.99		
	5550	110	0	17.00	4.51	21.51	22.99
			1	17.05	4.51	21.56	22.99
			2	17.23	4.51	21.74	22.99
			3	17.26	4.51	21.77	22.99
			4	17.25	4.51	21.76	22.99
			5	17.23	4.51	21.74	22.99
			6	15.31	4.51	19.82	22.99
	7	15.28	4.51	19.79	22.99		
	5710	142	0	17.11	4.51	21.62	22.99
			1	17.21	4.51	21.72	22.99
			2	17.37	4.51	21.88	22.99
			3	17.42	4.51	21.93	22.99
			4	17.36	4.51	21.87	22.99
5			17.39	4.51	21.90	22.99	
6			15.51	4.51	20.02	22.99	
7	15.57	4.51	20.08	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 3	5755	151	0	18.57	4.48	23.05	30.00
			1	18.62	4.48	23.10	30.00
			2	18.83	4.48	23.31	30.00
			3	18.82	4.48	23.30	30.00
			4	18.79	4.48	23.27	30.00
			5	18.81	4.48	23.29	30.00
			6	16.95	4.48	21.43	30.00
	7	16.98	4.48	21.46	30.00		
	5795	159	0	19.16	4.48	23.64	30.00
			1	19.22	4.48	23.70	30.00
			2	19.41	4.48	23.89	30.00
			3	19.47	4.48	23.95	30.00
			4	19.44	4.48	23.92	30.00
			5	19.45	4.48	23.93	30.00
			6	17.58	4.48	22.06	30.00
7			17.53	4.48	22.01	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	14.80	4.50	19.30	22.99
			1	14.85	4.50	19.35	22.99
			2	15.02	4.50	19.52	22.99
			3	14.98	4.50	19.48	22.99
			4	15.00	4.50	19.50	22.99
			5	15.06	4.50	19.56	22.99
			6	13.05	4.50	17.55	22.99
			7	13.11	4.50	17.61	22.99
	5200	40	8	11.89	4.50	16.39	22.99
			0	15.06	4.50	19.56	22.99
			1	15.08	4.50	19.58	22.99
			2	15.30	4.50	19.80	22.99
			3	15.35	4.50	19.85	22.99
			4	15.44	4.50	19.94	22.99
			5	15.40	4.50	19.90	22.99
			6	13.41	4.50	17.91	22.99
	5240	48	7	13.42	4.50	17.92	22.99
			8	12.35	4.50	16.85	22.99
			0	15.00	4.50	19.50	22.99
			1	15.11	4.50	19.61	22.99
			2	15.26	4.50	19.76	22.99
			3	15.23	4.50	19.73	22.99
			4	15.18	4.50	19.68	22.99
			5	15.20	4.50	19.70	22.99
6	13.19	4.50	17.69	22.99			
7	13.21	4.50	17.71	22.99			
8	12.37	4.50	16.87	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 2A	5260	52	0	15.67	4.51	20.18	22.95
			1	15.74	4.51	20.25	22.95
			2	15.91	4.51	20.42	22.95
			3	15.87	4.51	20.38	22.95
			4	15.91	4.51	20.42	22.95
			5	15.89	4.51	20.40	22.95
			6	14.00	4.51	18.51	22.95
			7	14.01	4.51	18.52	22.95
	5300	60	8	12.99	4.51	17.50	22.95
			0	16.97	4.51	21.48	22.95
			1	16.98	4.51	21.49	22.95
			2	17.14	4.51	21.65	22.95
			3	17.24	4.51	21.75	22.95
			4	17.21	4.51	21.72	22.95
			5	17.26	4.51	21.77	22.95
			6	15.42	4.51	19.93	22.95
	5320	64	7	15.43	4.51	19.94	22.95
			8	14.31	4.51	18.82	22.95
			0	17.64	4.51	22.15	22.95
			1	17.75	4.51	22.26	22.95
			2	17.90	4.51	22.41	22.95
			3	17.94	4.51	22.45	22.95
			4	17.93	4.51	22.44	22.95
			5	17.97	4.51	22.48	22.95
6	16.05	4.51	20.56	22.95			
7	16.10	4.51	20.61	22.95			
8	15.01	4.51	19.52	22.95			

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	17.47	4.51	21.98	22.99
			1	17.54	4.51	22.05	22.99
			2	17.72	4.51	22.23	22.99
			3	17.80	4.51	22.31	22.99
			4	17.72	4.51	22.23	22.99
			5	17.78	4.51	22.29	22.99
			6	15.79	4.51	20.30	22.99
			7	15.78	4.51	20.29	22.99
	5580	116	0	15.90	4.51	20.41	22.99
			1	15.98	4.51	20.49	22.99
			2	16.12	4.51	20.63	22.99
			3	16.14	4.51	20.65	22.99
			4	16.13	4.51	20.64	22.99
			5	16.18	4.51	20.69	22.99
			6	14.21	4.51	18.72	22.99
			7	14.21	4.51	18.72	22.99
	5720	144	0	17.21	4.51	21.72	22.99
			1	17.31	4.51	21.82	22.99
			2	17.53	4.51	22.04	22.99
			3	17.47	4.51	21.98	22.99
			4	17.53	4.51	22.04	22.99
			5	17.58	4.51	22.09	22.99
			6	15.63	4.51	20.14	22.99
			7	15.65	4.51	20.16	22.99
			8	14.53	4.51	19.04	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 3	5745	149	0	15.86	4.48	20.34	30.00
			1	15.98	4.48	20.46	30.00
			2	16.07	4.48	20.55	30.00
			3	16.17	4.48	20.65	30.00
			4	16.10	4.48	20.58	30.00
			5	16.23	4.48	20.71	30.00
			6	14.29	4.48	18.77	30.00
			7	14.39	4.48	18.87	30.00
	5785	157	8	13.27	4.48	17.75	30.00
			0	17.42	4.48	21.90	30.00
			1	17.47	4.48	21.95	30.00
			2	17.65	4.48	22.13	30.00
			3	17.73	4.48	22.21	30.00
			4	17.62	4.48	22.10	30.00
			5	17.62	4.48	22.10	30.00
			6	15.74	4.48	20.22	30.00
	5825	165	7	15.78	4.48	20.26	30.00
			8	14.66	4.48	19.14	30.00
			0	17.07	4.48	21.55	30.00
			1	17.20	4.48	21.68	30.00
			2	17.35	4.48	21.83	30.00
			3	17.39	4.48	21.87	30.00
			4	17.37	4.48	21.85	30.00
			5	17.45	4.48	21.93	30.00
6	15.53	4.48	20.01	30.00			
7	15.53	4.48	20.01	30.00			
8	14.37	4.48	18.85	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	16.31	4.50	20.81	22.99
			1	16.42	4.50	20.92	22.99
			2	16.54	4.50	21.04	22.99
			3	16.56	4.50	21.06	22.99
			4	16.43	4.50	20.93	22.99
			5	16.49	4.50	20.99	22.99
			6	14.57	4.50	19.07	22.99
			7	14.57	4.50	19.07	22.99
			8	13.57	4.50	18.07	22.99
	9	13.53	4.50	18.03	22.99		
	5230	46	0	15.83	4.50	20.33	22.99
			1	15.90	4.50	20.40	22.99
			2	16.02	4.50	20.52	22.99
			3	16.10	4.50	20.60	22.99
			4	16.01	4.50	20.51	22.99
			5	16.06	4.50	20.56	22.99
			6	14.13	4.50	18.63	22.99
			7	14.15	4.50	18.65	22.99
8			13.12	4.50	17.62	22.99	
9	13.22	4.50	17.72	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 2A	5270	54	0	15.69	4.51	20.20	22.95
			1	15.81	4.51	20.32	22.95
			2	16.05	4.51	20.56	22.95
			3	16.00	4.51	20.51	22.95
			4	15.98	4.51	20.49	22.95
			5	16.01	4.51	20.52	22.95
			6	14.11	4.51	18.62	22.95
			7	14.11	4.51	18.62	22.95
			8	13.01	4.51	17.52	22.95
	9	13.01	4.51	17.52	22.95		
	5310	62	0	16.03	4.51	20.54	22.95
			1	16.09	4.51	20.60	22.95
			2	16.25	4.51	20.76	22.95
			3	16.26	4.51	20.77	22.95
			4	16.35	4.51	20.86	22.95
			5	16.31	4.51	20.82	22.95
			6	14.45	4.51	18.96	22.95
			7	14.45	4.51	18.96	22.95
8			13.38	4.51	17.89	22.95	
9	13.32	4.51	17.83	22.95			

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	14.15	4.51	18.66	22.99
			1	14.29	4.51	18.80	22.99
			2	14.41	4.51	18.92	22.99
			3	14.44	4.51	18.95	22.99
			4	14.36	4.51	18.87	22.99
			5	14.41	4.51	18.92	22.99
			6	12.47	4.51	16.98	22.99
			7	12.47	4.51	16.98	22.99
			8	11.34	4.51	15.85	22.99
	9	11.34	4.51	15.85	22.99		
	0	16.95	4.51	21.46	22.99		
	1	17.04	4.51	21.55	22.99		
	2	17.14	4.51	21.65	22.99		
	3	17.19	4.51	21.70	22.99		
	4	17.17	4.51	21.68	22.99		
	5	17.22	4.51	21.73	22.99		
	6	15.19	4.51	19.70	22.99		
	7	15.34	4.51	19.85	22.99		
	8	14.26	4.51	18.77	22.99		
	9	14.25	4.51	18.76	22.99		
	0	17.12	4.51	21.63	22.99		
	1	17.21	4.51	21.72	22.99		
	2	17.34	4.51	21.85	22.99		
	3	17.34	4.51	21.85	22.99		
	4	17.28	4.51	21.79	22.99		
	5	17.46	4.51	21.97	22.99		
	6	15.37	4.51	19.88	22.99		
7	15.39	4.51	19.90	22.99			
8	14.24	4.51	18.75	22.99			
9	14.31	4.51	18.82	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 3	5755	151	0	18.72	4.48	23.20	30.00
			1	18.85	4.48	23.33	30.00
			2	19.00	4.48	23.48	30.00
			3	18.99	4.48	23.47	30.00
			4	19.00	4.48	23.48	30.00
			5	19.01	4.48	23.49	30.00
			6	17.11	4.48	21.59	30.00
			7	17.08	4.48	21.56	30.00
			8	15.98	4.48	20.46	30.00
	9	15.95	4.48	20.43	30.00		
	5795	159	0	18.48	4.48	22.96	30.00
			1	18.46	4.48	22.94	30.00
			2	18.51	4.48	22.99	30.00
			3	18.47	4.48	22.95	30.00
			4	18.50	4.48	22.98	30.00
			5	18.49	4.48	22.97	30.00
			6	16.50	4.48	20.98	30.00
			7	16.49	4.48	20.97	30.00
8			15.35	4.48	19.83	30.00	
9	15.32	4.48	19.80	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	15.39	4.50	19.89	22.99
			1	15.44	4.50	19.94	22.99
			2	15.64	4.50	20.14	22.99
			3	15.64	4.50	20.14	22.99
			4	15.78	4.50	20.28	22.99
			5	15.75	4.50	20.25	22.99
			6	13.73	4.50	18.23	22.99
			7	13.76	4.50	18.26	22.99
			8	12.55	4.50	17.05	22.99
			9	12.56	4.50	17.06	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 2A	5290	58	0	14.01	4.51	18.52	22.95
			1	14.12	4.51	18.63	22.95
			2	14.33	4.51	18.84	22.95
			3	14.39	4.51	18.90	22.95
			4	14.40	4.51	18.91	22.95
			5	14.39	4.51	18.90	22.95
			6	12.36	4.51	16.87	22.95
			7	12.39	4.51	16.90	22.95
			8	11.29	4.51	15.80	22.95
			9	11.27	4.51	15.78	22.95

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	15.33	4.51	19.84	22.99
			1	15.44	4.51	19.95	22.99
			2	15.68	4.51	20.19	22.99
			3	15.65	4.51	20.16	22.99
			4	15.65	4.51	20.16	22.99
			5	15.71	4.51	20.22	22.99
			6	13.68	4.51	18.19	22.99
			7	13.65	4.51	18.16	22.99
			8	12.51	4.51	17.02	22.99
			9	12.42	4.51	16.93	22.99
	5690	138	0	17.14	4.51	21.65	22.99
			1	16.97	4.51	21.48	22.99
			2	17.39	4.51	21.90	22.99
			3	17.37	4.51	21.88	22.99
			4	17.43	4.51	21.94	22.99
			5	17.42	4.51	21.93	22.99
			6	15.44	4.51	19.95	22.99
			7	15.41	4.51	19.92	22.99
			8	14.23	4.51	18.74	22.99
			9	14.19	4.51	18.70	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 3	5775	155	0	19.09	4.48	23.57	30.00
			1	19.19	4.48	23.67	30.00
			2	19.38	4.48	23.86	30.00
			3	19.42	4.48	23.90	30.00
			4	19.36	4.48	23.84	30.00
			5	19.49	4.48	23.97	30.00
			6	17.32	4.48	21.80	30.00
			7	17.41	4.48	21.89	30.00
			8	16.28	4.48	20.76	30.00
			9	16.24	4.48	20.72	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	2.427	1.989	5.224	11
5200	40		2.694	1.905	5.328	11
5240	48		2.514	1.672	5.119	11
5260	52		3.452	2.748	6.117	11
5300	60		3.374	2.415	5.922	11
5320	64		3.421	2.063	5.809	11
5500	100		2.645	0.689	4.786	11
5580	116		3.482	0.000	5.092	11
5720	144		3.255	1.390	5.441	11
5745	149		1.203	-0.698	3.365	30
5785	157		0.801	-0.646	3.139	30
5825	165		0.349	-0.630	2.878	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5180	36	802.11n(20MHz)	2.028	1.451	4.771	11
5200	40		2.580	1.596	5.119	11
5240	48		2.338	0.973	4.713	11
5260	52		3.236	2.421	5.866	11
5300	60		3.214	2.152	5.729	11
5320	64		3.039	1.832	5.478	11
5500	100		2.655	0.227	4.609	11
5580	116		2.971	-0.339	4.624	11
5720	144		3.071	0.984	5.159	11
5745	149		0.782	-1.301	2.878	30
5785	157		0.383	-0.922	2.788	30
5825	165		-0.112	-0.938	2.504	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5190	38	802.11n(40MHz)	0.721	-0.204	3.284	11
5230	46		0.209	-0.545	2.856	11
5270	54		-0.138	-0.646	2.625	11
5310	62		0.009	-0.974	2.553	11
5510	102		-0.387	-3.094	1.461	11
5500	110		-0.778	-3.367	1.139	11
5710	142		-0.020	-2.436	1.959	11
5755	151		-2.543	-4.292	-0.315	30
5795	159		-2.959	-4.177	-0.506	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	1.400	4.871	11
5200	40		2.619	1.853	5.263	11
5240	48		2.245	1.930	5.105	11
5260	52		3.105	1.926	5.563	11
5300	60		3.113	2.058	5.635	11
5320	64		3.116	1.793	5.514	11
5500	100		2.768	-0.045	4.594	11
5580	116		2.980	-0.647	4.548	11
5720	144		3.143	1.054	5.224	11
5745	149		1.336	-1.046	3.324	30
5785	157		0.668	-0.702	3.054	30
5825	165		0.182	-0.713	2.765	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5190	38	802.11ac(40MHz)	1.161	-0.154	3.579	11
5230	46		0.263	-0.462	2.923	11
5270	54		0.360	-0.924	2.788	11
5310	62		0.486	-1.084	2.788	11
5510	102		-0.199	-3.118	1.614	11
5500	110		-0.730	-3.472	1.139	11
5710	142		-0.067	-1.792	2.148	11
5755	151		-2.438	-4.101	-0.177	30
5795	159		-2.855	-3.195	0.000	30

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5210	42	802.11ac(80MHz)	-3.171	-4.037	-0.605	11
5290	58		-4.828	-5.121	-1.938	11
5530	106		-3.076	-6.231	-1.367	11
5690	138		-2.652	-4.544	-0.506	11
5775	155		-5.362	-6.047	-2.676	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	2.427	1.989	5.224	4.500	9.724	10
5200	40		2.694	1.905	5.328	4.500	9.828	10
5240	48		2.514	1.672	5.119	4.500	9.619	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)	2.028	1.451	4.771	4.500	9.271	10
5200	40		2.580	1.596	5.119	4.500	9.619	10
5240	48		2.338	0.973	4.713	4.500	9.213	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)	0.721	-0.204	3.284	4.500	7.784	10
5230	46		0.209	-0.545	2.856	4.500	7.356	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	1.400	4.871	4.500	9.371	10
5200	40		2.619	1.853	5.263	4.500	9.763	10
5240	48		2.245	1.930	5.105	4.500	9.605	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)	1.161	-0.154	3.579	4.500	8.079	10
5230	46		0.263	-0.462	2.923	4.500	7.423	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)	-3.171	-4.037	-0.605	4.500	3.895	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.



Test Plots(802.11n(HT20))

Note:

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



Test Plots(802.11n(HT40))

Note:

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



Test Plots(802.11ac(VHT20))

Note:

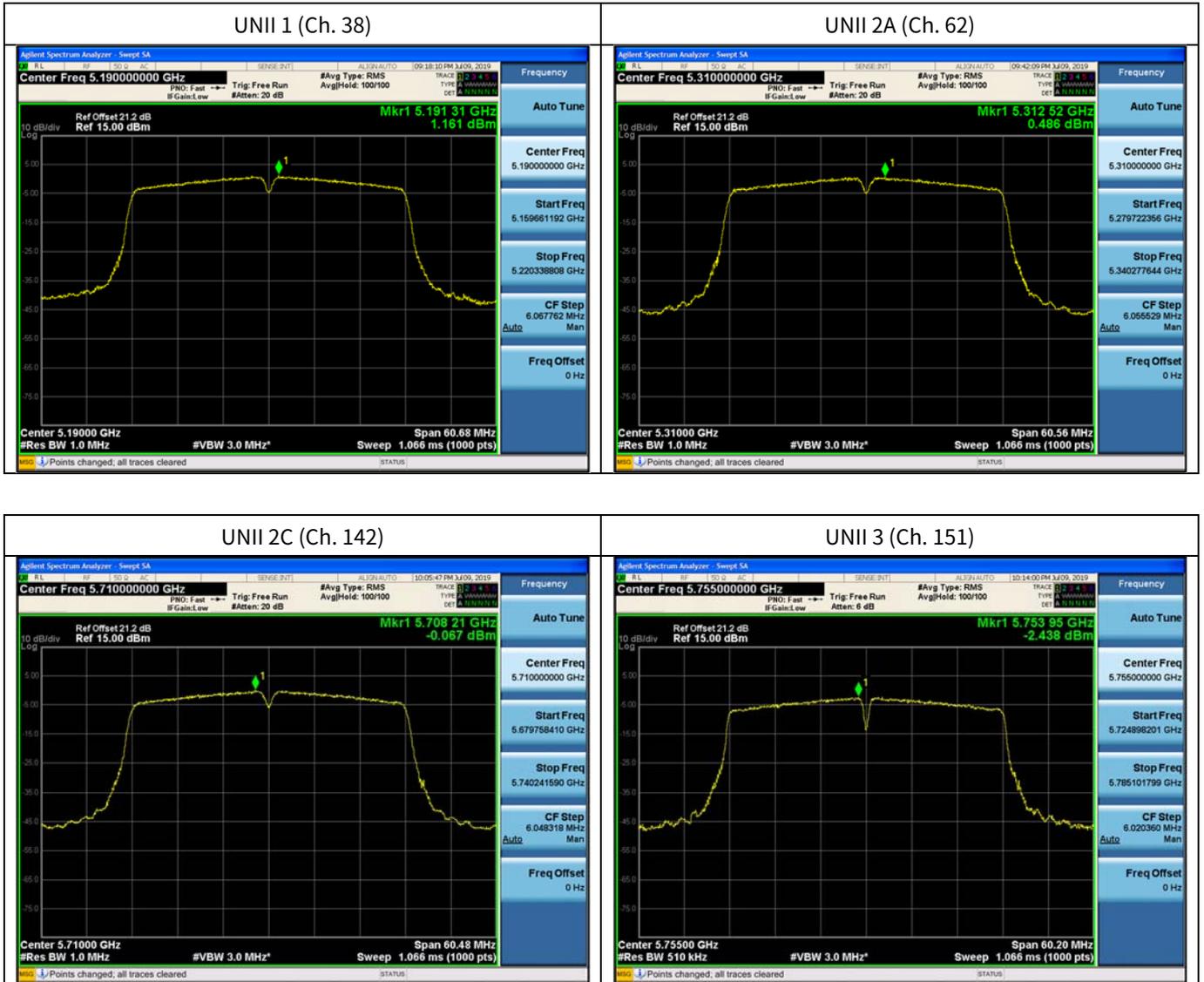
In order to simplify the report, attached plots were only channel of highest power.



Test Plots(802.11ac(VHT40))

Note:

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



Test Plots(802.11ac(VHT80))

Note:

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



[Ant2]

Test Plots(802.11a)

Note:

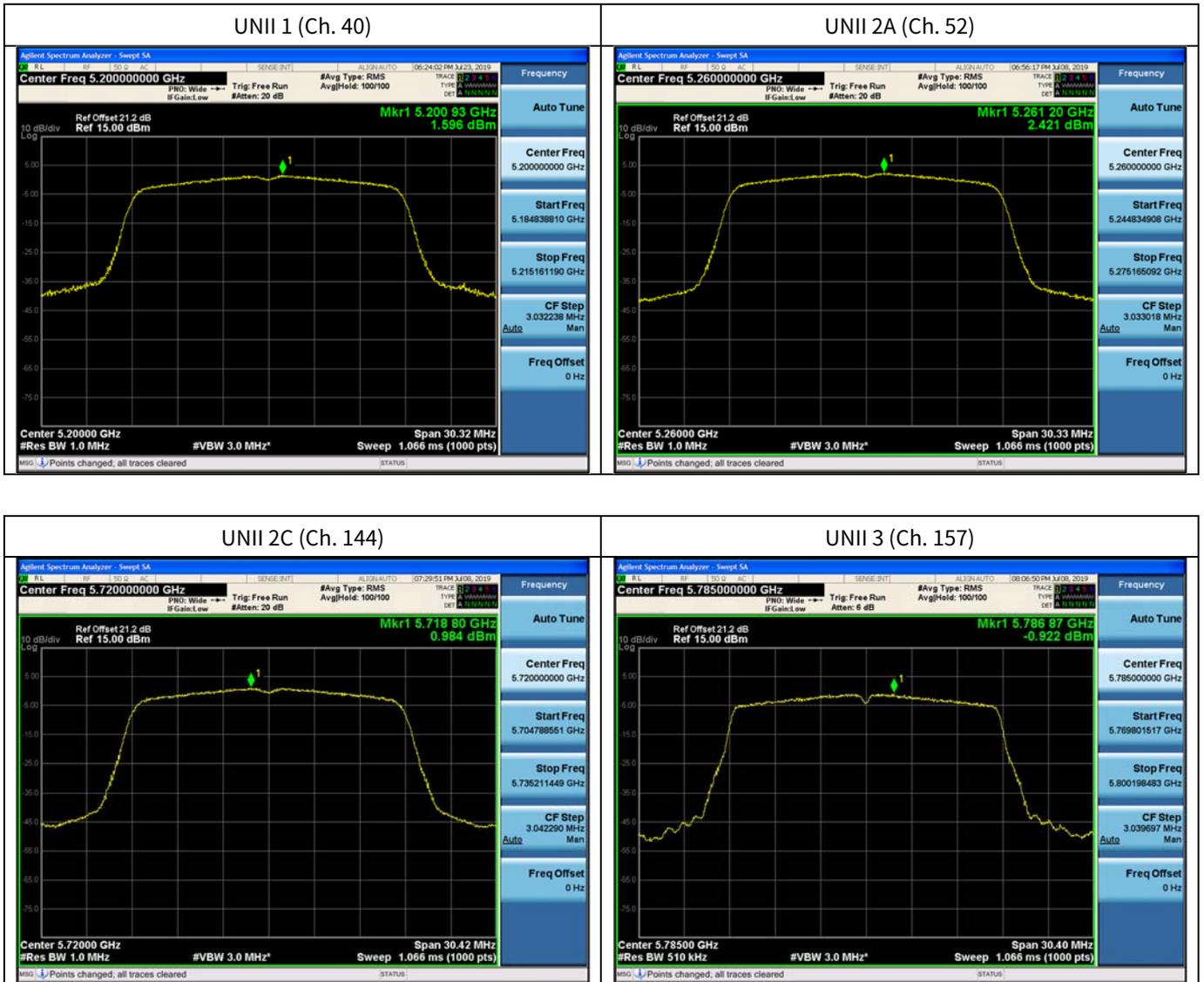
In order to simplify the report, attached plots were only channel of highest power.



Test Plots(802.11n(HT20))

Note:

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



Test Plots(802.11n(HT40))

Note:

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



Test Plots(802.11ac(VHT20))

Note:

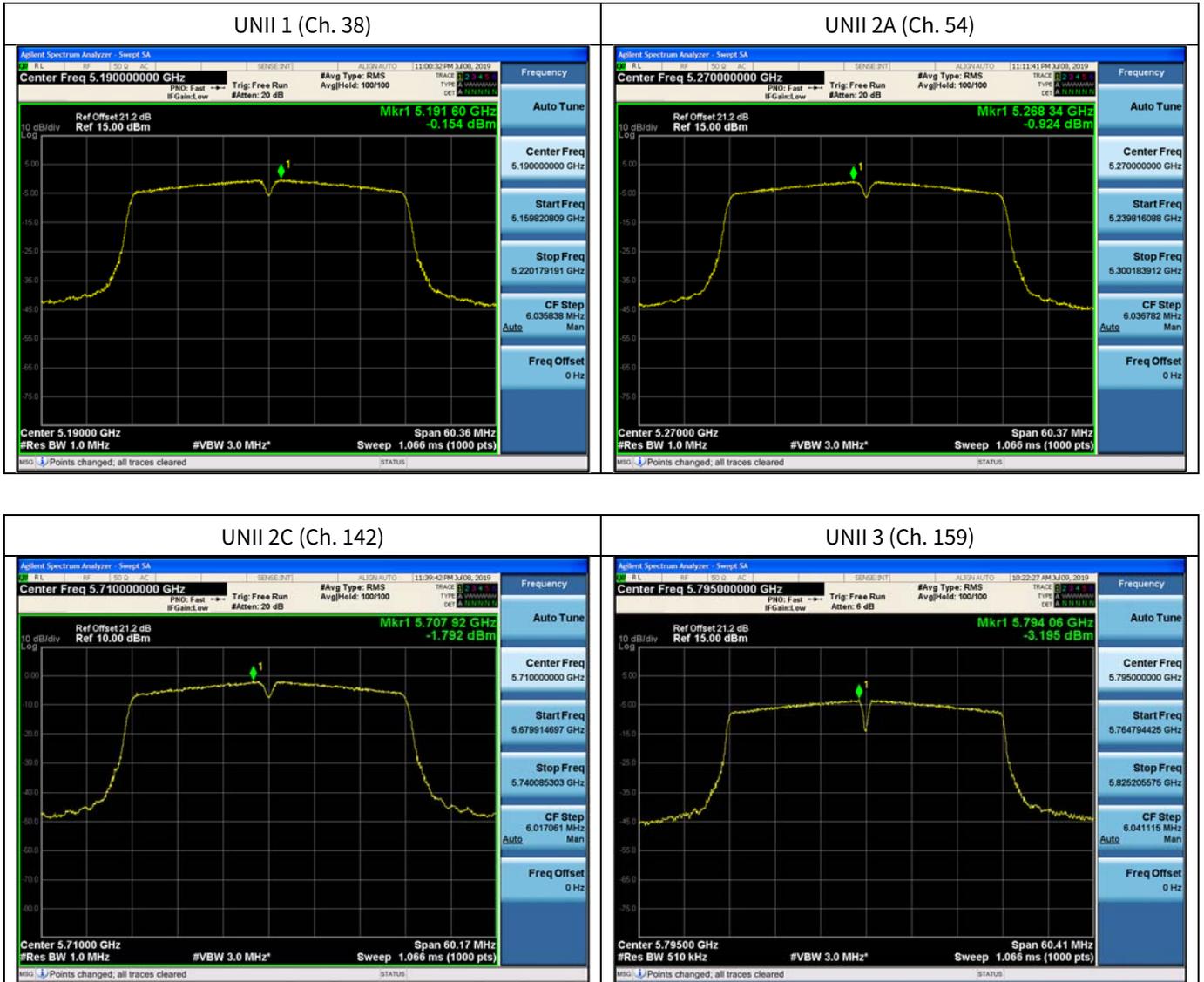
In order to simplify the report, attached plots were only channel of highest power.



Test Plots(802.11ac(VHT40))

Note:

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



Test Plots(802.11ac(VHT80))

Note:

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



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)	5210032.56	32.56
100%		-30	5210064.45	64.45
100%		-20	5210050.43	50.43
100%		-10	5210076.60	76.60
100%		0	5210017.44	17.44
100%		+10	5210016.54	16.54
100%		+30	5210074.28	74.28
100%		+40	5210097.84	97.84
100%		+50	5210073.32	73.32
115%	3.60	+20	5210044.60	44.60
End. Point	3.14	+20	5210063.04	63.04

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)	5290020.49	20.49
100%		-30	5290056.39	56.39
100%		-20	5290017.09	17.09
100%		-10	5290073.67	73.67
100%		0	5290020.38	20.38
100%		+10	5290042.76	42.76
100%		+30	5290051.33	51.33
100%		+40	5290039.38	39.38
100%		+50	5290012.83	12.83
115%		3.60	+20	5290096.35
End. Point	3.14	+20	5290093.91	93.91

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.

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)	5530072.64	72.64
100%		-30	5530064.57	64.57
100%		-20	5530076.52	76.52
100%		-10	5530019.35	19.35
100%		0	5530051.23	51.23
100%		+10	5530063.45	63.45
100%		+30	5530086.72	86.72
100%		+40	5530056.18	56.18
100%		+50	5530051.14	51.14
115%		3.60	+20	5530008.85
End. Point	3.14	+20	5530035.84	35.84

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 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)	5775035.18	35.18
100%		-30	5775002.43	2.43
100%		-20	5775082.91	82.91
100%		-10	5775041.25	41.25
100%		0	5775028.72	28.72
100%		+10	5775066.71	66.71
100%		+30	5775034.66	34.66
100%		+40	5775005.60	5.6
100%		+50	5775081.97	81.97
115%		3.60	+20	5775067.94
End. Point	3.14	+20	5775011.56	11.56

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)	5210043.51	43.51
100%		-30	5210026.34	26.34
100%		-20	5210058.50	58.50
100%		-10	5210089.28	89.28
100%		0	5210056.51	56.51
100%		+10	5210047.41	47.41
100%		+30	5210076.97	76.97
100%		+40	5210013.94	13.94
100%		+50	5210046.06	46.06
115%		3.60	+20	5210019.37
End. Point	3.14	+20	5210060.35	60.35

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)	5290019.80	19.80
100%		-30	5290079.71	79.71
100%		-20	5290031.23	31.23
100%		-10	5290024.69	24.69
100%		0	5290068.67	68.67
100%		+10	5290007.46	7.46
100%		+30	5290032.78	32.78
100%		+40	5290054.90	54.9
100%		+50	5290016.55	16.55
115%		3.60	+20	5290032.73
End. Point	3.14	+20	5290055.50	55.5

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)	5530091.33	91.33
100%		-30	5530055.68	55.68
100%		-20	5530006.71	6.71
100%		-10	5530015.52	15.52
100%		0	5530030.81	30.81
100%		+10	5530087.52	87.52
100%		+30	5530051.50	51.5
100%		+40	5530062.40	62.4
100%		+50	5530016.63	16.63
115%		3.60	+20	5530052.29
End. Point	3.14	+20	5530063.92	63.92

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)	5775012.19	12.19
100%		-30	5775071.07	71.07
100%		-20	5775023.56	23.56
100%		-10	5775024.88	24.88
100%		0	5775059.22	59.22
100%		+10	5775023.35	23.35
100%		+30	5775049.48	49.48
100%		+40	5775080.58	80.58
100%		+50	5775086.64	86.64
115%		3.60	+20	5775005.73
End. Point	3.14	+20	5775060.89	60.89

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.

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)	5210011.17	11.17
100%		-30	5210021.73	21.73
100%		-20	5210063.39	63.39
100%		-10	5210017.23	17.23
100%		0	5210085.82	85.82
100%		+10	5210010.38	10.38
100%		+30	5210036.65	36.65
100%		+40	5210074.40	74.40
100%		+50	5210021.60	21.60
115%		3.60	+20	5210022.11
End. Point	3.14	+20	5210051.61	51.61

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)	5290065.30	65.30
100%		-30	5290027.24	27.24
100%		-20	5290051.23	51.23
100%		-10	5290041.90	41.9
100%		0	5290085.21	85.21
100%		+10	5290084.99	84.99
100%		+30	5290091.16	91.16
100%		+40	5290036.83	36.83
100%		+50	5290067.31	67.31
115%		3.60	+20	5290032.42
End. Point	3.14	+20	5290083.10	83.1

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)	5530094.29	94.29
100%		-30	5530001.96	1.96
100%		-20	5530031.73	31.73
100%		-10	5530092.70	92.7
100%		0	5530027.98	27.98
100%		+10	5530011.90	11.9
100%		+30	5530011.59	11.59
100%		+40	5530091.04	91.04
100%		+50	5530054.73	54.73
115%		3.60	+20	5530041.24
End. Point	3.14	+20	5530065.29	65.29

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)	5775066.18	66.18
100%		-30	5775028.80	28.80
100%		-20	5775011.33	11.33
100%		-10	5775028.23	28.23
100%		0	5775056.84	56.84
100%		+10	5775030.55	30.55
100%		+30	5775093.61	93.61
100%		+40	5775067.69	67.69
100%		+50	5775017.23	17.23
115%		3.60	+20	5775027.97
End. Point	3.14	+20	5775065.41	65.41

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)	5210049.90	49.90
100%		-30	5210088.66	88.66
100%		-20	5210036.23	36.23
100%		-10	5210020.79	20.79
100%		0	5210089.19	89.19
100%		+10	5210021.95	21.95
100%		+30	5210016.08	16.08
100%		+40	5210049.57	49.57
100%		+50	5210047.28	47.28
115%		3.60	+20	5210029.56
End. Point	3.14	+20	5210066.72	66.72

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)	5290077.51	77.51
100%		-30	5290023.13	23.13
100%		-20	5290077.27	77.27
100%		-10	5290065.40	65.4
100%		0	5290065.92	65.92
100%		+10	5290031.16	31.16
100%		+30	5290013.12	13.12
100%		+40	5290062.17	62.17
100%		+50	5290069.67	69.67
115%		3.60	+20	5290061.14
End. Point	3.14	+20	5290042.04	42.04

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)	5530016.93	16.93
100%		-30	5530056.14	56.14
100%		-20	5530074.79	74.79
100%		-10	5530073.12	73.12
100%		0	5530092.43	92.43
100%		+10	5530080.12	80.12
100%		+30	5530066.82	66.82
100%		+40	5530016.09	16.09
100%		+50	5530040.11	40.11
115%		3.60	+20	5530085.93
End. Point	3.14	+20	5530020.20	20.2

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)	5775006.39	6.39
100%		-30	5775090.44	90.44
100%		-20	5775052.63	52.63
100%		-10	5775017.90	17.9
100%		0	5775094.10	94.1
100%		+10	5775018.31	18.31
100%		+30	5775070.91	70.91
100%		+40	5775052.23	52.23
100%		+50	5775016.83	16.83
115%		3.60	+20	5775027.19
End. Point	3.14	+20	5775053.83	53.83

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)	5210045.04	45.04
100%		-30	5210077.15	77.15
100%		-20	5210008.70	8.70
100%		-10	5210086.86	86.86
100%		0	5210071.20	71.20
100%		+10	5210061.38	61.38
100%		+30	5210059.96	59.96
100%		+40	5210039.74	39.74
100%		+50	5210006.93	6.93
115%		3.60	+20	5210010.64
End. Point	3.14	+20	5210036.88	36.88

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)	5290052.70	52.70
100%		-30	5290078.95	78.95
100%		-20	5290027.07	27.07
100%		-10	5290013.69	13.69
100%		0	5290077.92	77.92
100%		+10	5290097.64	97.64
100%		+30	5290086.76	86.76
100%		+40	5290055.70	55.7
100%		+50	5290046.29	46.29
115%		3.60	+20	5290018.58
End. Point	3.14	+20	5290018.11	18.11

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)	5530036.84	36.84
100%		-30	5530060.23	60.23
100%		-20	5530037.44	37.44
100%		-10	5530061.72	61.72
100%		0	5530051.88	51.88
100%		+10	5530001.54	1.54
100%		+30	5530036.37	36.37
100%		+40	5530052.19	52.19
100%		+50	5530004.16	4.16
115%		3.60	+20	5530041.11
End. Point	3.14	+20	5530012.47	12.47

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)	5775043.82	43.82
100%		-30	5775059.16	59.16
100%		-20	5775023.92	23.92
100%		-10	5775014.71	14.71
100%		0	5775008.96	8.96
100%		+10	5775060.53	60.53
100%		+30	5775025.43	25.43
100%		+40	5775001.35	1.35
100%		+50	5775096.20	96.20
115%		3.60	+20	5775017.78
End. Point	3.14	+20	5775038.85	38.85

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)	5210087.56	87.56
100%		-30	5210032.04	32.04
100%		-20	5210009.57	9.57
100%		-10	5210038.19	38.19
100%		0	5210080.50	80.50
100%		+10	5210069.65	69.65
100%		+30	5210044.20	44.20
100%		+40	5210091.10	91.10
100%		+50	5210038.41	38.41
115%		3.60	+20	5210002.57
End. Point	3.14	+20	5210045.20	45.20

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)	5290061.02	61.02
100%		-30	5290014.84	14.84
100%		-20	5290002.25	2.25
100%		-10	5290033.72	33.72
100%		0	5290007.78	7.78
100%		+10	5290023.85	23.85
100%		+30	5290001.94	1.94
100%		+40	5290047.03	47.03
100%		+50	5290047.03	47.03
115%		3.60	+20	5290019.30
End. Point	3.14	+20	5290089.71	89.71

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)	5530098.20	98.20
100%		-30	5530038.05	38.05
100%		-20	5530010.98	10.98
100%		-10	5530023.03	23.03
100%		0	5530017.03	17.03
100%		+10	5530087.87	87.87
100%		+30	5530069.54	69.54
100%		+40	5530027.66	27.66
100%		+50	5530060.23	60.23
115%		3.60	+20	5530022.56
End. Point	3.14	+20	5530013.54	13.54

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)	5775046.28	46.28
100%		-30	5775010.59	10.59
100%		-20	5775014.33	14.33
100%		-10	5775012.81	12.81
100%		0	5775087.28	87.28
100%		+10	5775056.13	56.13
100%		+30	5775001.26	1.26
100%		+40	5775051.76	51.76
100%		+50	5775063.13	63.13
115%		3.60	+20	5775096.06
End. Point	3.14	+20	5775058.42	58.42

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)	5210063.27	63.27
100%		-30	5210013.84	13.84
100%		-20	5210051.56	51.56
100%		-10	5210047.42	47.42
100%		0	5210008.15	8.15
100%		+10	5210047.38	47.38
100%		+30	5210030.80	30.80
100%		+40	5210006.87	6.87
100%		+50	5210015.32	15.32
115%		3.60	+20	5210047.44
End. Point	3.14	+20	5210045.60	45.60

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)	5290057.59	57.59
100%		-30	5290010.08	10.08
100%		-20	5290080.84	80.84
100%		-10	5290093.60	93.6
100%		0	5290071.96	71.96
100%		+10	5290064.87	64.87
100%		+30	5290024.15	24.15
100%		+40	5290086.33	86.33
100%		+50	5290077.55	77.55
115%		3.60	+20	5290005.08
End. Point	3.14	+20	5290010.90	10.9

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)	5530028.47	28.47
100%		-30	5530058.31	58.31
100%		-20	5530041.27	41.27
100%		-10	5530040.55	40.55
100%		0	5530046.94	46.94
100%		+10	5530084.61	84.61
100%		+30	5530095.77	95.77
100%		+40	5530050.57	50.57
100%		+50	5530048.14	48.14
115%		3.60	+20	5530009.90
End. Point	3.14	+20	5530045.12	45.12

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)	5775042.79	42.79
100%		-30	5775095.42	95.42
100%		-20	5775036.62	36.62
100%		-10	5775043.59	43.59
100%		0	5775005.45	5.45
100%		+10	5775045.62	45.62
100%		+30	5775046.72	46.72
100%		+40	5775080.62	80.62
100%		+50	5775086.27	86.27
115%		3.60	+20	5775083.29
End. Point	3.14	+20	5775043.89	43.89

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.

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)	5210033.35	33.35
100%		-30	5210010.90	10.90
100%		-20	5210062.55	62.55
100%		-10	5210065.75	65.75
100%		0	5210076.67	76.67
100%		+10	5210014.36	14.36
100%		+30	5210016.59	16.59
100%		+40	5210057.85	57.85
100%		+50	5210053.39	53.39
115%		3.60	+20	5210039.58
End. Point	3.14	+20	5210082.57	82.57

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)	5290094.08	94.08
100%		-30	5290016.21	16.21
100%		-20	5290099.91	99.91
100%		-10	5290065.93	65.93
100%		0	5290080.90	80.9
100%		+10	5290099.20	99.2
100%		+30	5290052.99	52.99
100%		+40	5290051.96	51.96
100%		+50	5290012.42	12.42
115%		3.60	+20	5290041.53
End. Point	3.14	+20	5290078.77	78.77

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.

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)	5530045.13	45.13
100%		-30	5530017.93	17.93
100%		-20	5530069.09	69.09
100%		-10	5530084.74	84.74
100%		0	5530023.86	23.86
100%		+10	5530074.61	74.61
100%		+30	5530047.43	47.43
100%		+40	5530026.12	26.12
100%		+50	5530041.98	41.98
115%		3.60	+20	5530075.11
End. Point	3.14	+20	5530006.54	6.54

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)	5775085.92	85.92
100%		-30	5775052.66	52.66
100%		-20	5775074.48	74.48
100%		-10	5775029.52	29.52
100%		0	5775045.05	45.05
100%		+10	5775080.06	80.06
100%		+30	5775041.67	41.67
100%		+40	5775064.15	64.15
100%		+50	5775096.84	96.84
115%		3.60	+20	5775014.33
End. Point	3.14	+20	5775018.43	18.43

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.

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	5710.08	14.92
802.11n(HT20)				5709.92	15.08
802.11ac(VHT20)				5709.80	15.20
802.11a	UNII 3	5720	144	5729.92	4.92
802.11n(HT20)				5730.04	5.04
802.11ac(VHT20)				5730.08	5.08

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5689.76	35.24
802.11ac(VHT40)				5689.92	35.08
802.11n(HT40)	UNII 3	5710	142	5730.32	5.32
802.11ac(VHT40)				5730.24	5.24

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5649.92	75.08
	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	5710.08	14.92
802.11n(HT20)				5709.92	15.08
802.11ac(VHT20)				5709.88	15.12
802.11a	UNII 3	5720	144	5729.92	4.92
802.11n(HT20)				5730.04	5.04
802.11ac(VHT20)				5730.20	5.20

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5689.84	35.16
802.11ac(VHT40)				5689.84	35.16
802.11n(HT40)	UNII 3	5710	142	5730.24	5.24
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	5649.68	75.32
	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	5728.12	3.12	> 0.5
802.11n(HT20)				5728.80	3.80	> 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	5728.11	3.10	> 0.5
802.11ac(VHT40)				5728.00	3.00	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5728.12	3.12	> 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	5728.15	3.15	> 0.5
802.11n(HT20)				5728.76	3.76	> 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	5728.12	3.12	> 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	5728.12	3.12	> 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

