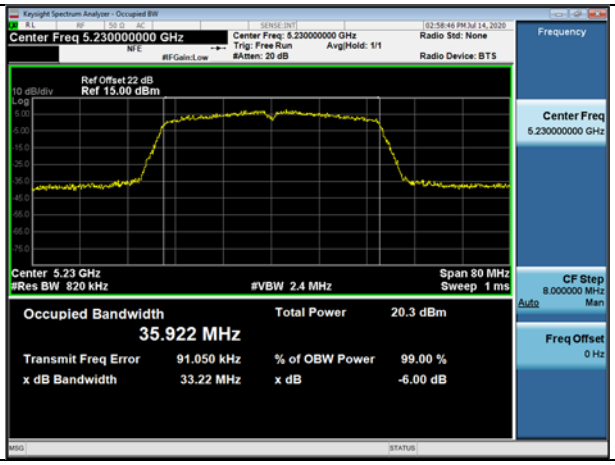
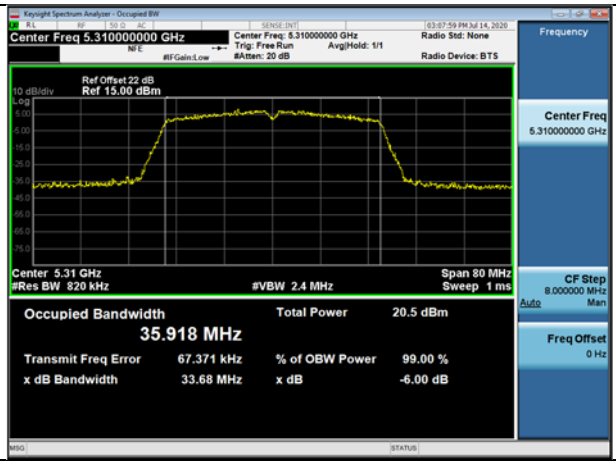
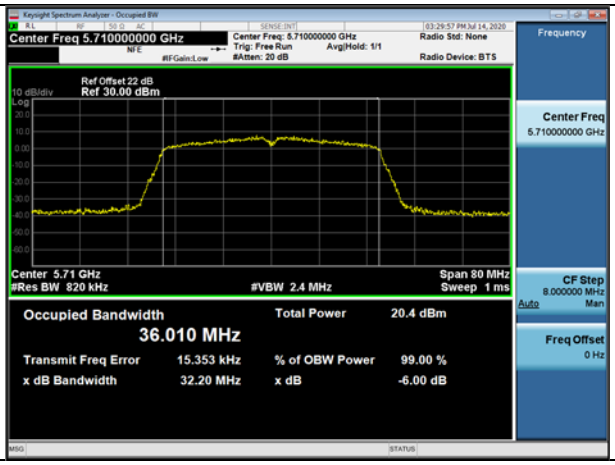
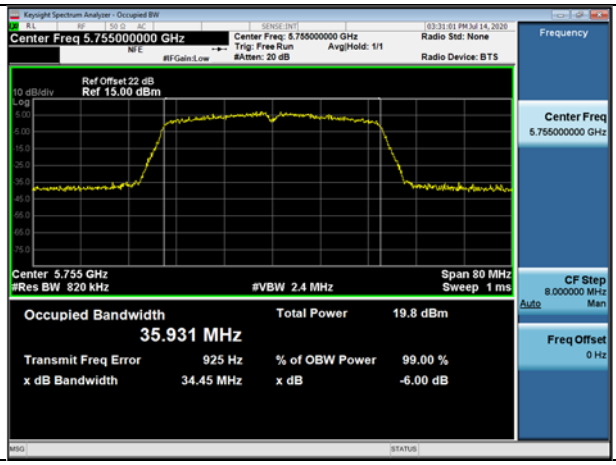
▣ Test Plots(802.11ac(VHT40))

Note:

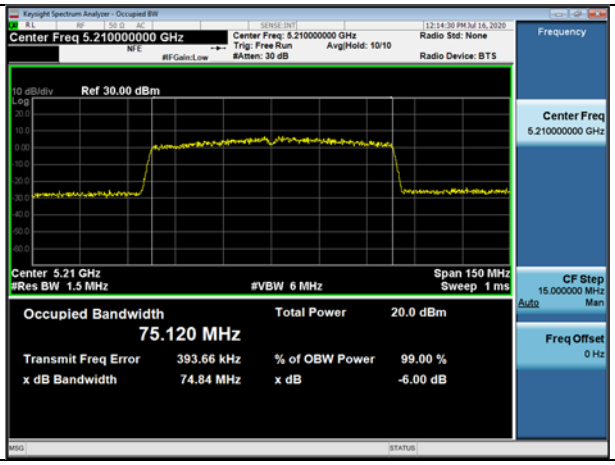
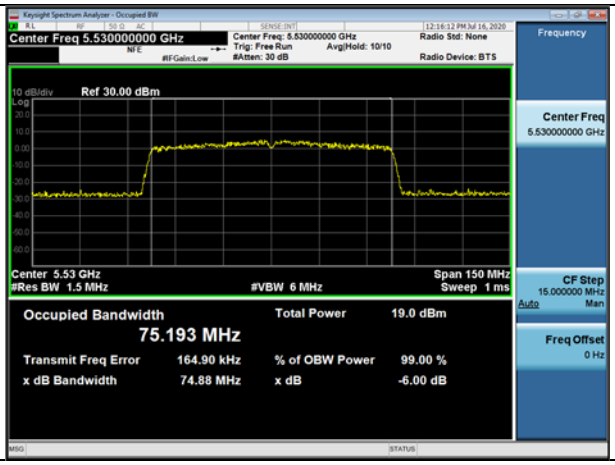
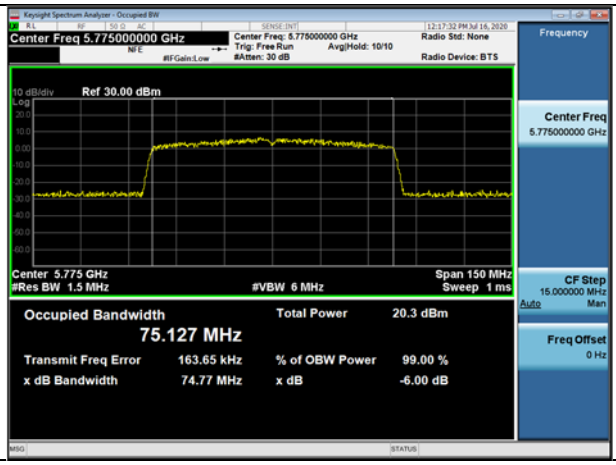
In order to simplify the report, attached plots were only the most narrow channel.

802.11ac_VHT40 UNII 1 (CH 46)	802.11ac_VHT40 UNII 2A (CH 62)
	
802.11ac_VHT40 UNII 2C (CH 142)	**802.11ac_VHT40 UNII 3 (CH 151)**
	

▣ Test Plots(802.11ac(VHT80))

Note:

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

802.11ac_VHT80 UNII 1 (CH 42)	802.11ac_VHT80 UNII 2A (CH 58)
	
802.11ac_VHT80 UNII 2C (CH 106)	**802.11ac_VHT80 UNII 3 (CH 155)**
	

10.3 OUTPUT POWER MEASUREMENT

Straddle channel data in the table below are for reporting purposes only.
Straddle channel data were added in section 10.7.3.

[Ant1]

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5180	36	6	12.67	0.05	12.72	10.5
			9	12.64	0.05	12.69	
			12	12.62	0.05	12.67	
			18	12.58	0.05	12.63	
			24	12.42	0.05	12.47	
			36	12.23	0.05	12.28	
			48	10.34	0.05	10.39	
			54	10.23	0.05	10.28	
	5200	40	6	13.03	0.05	13.08	10.5
			9	12.98	0.05	13.03	
			12	12.97	0.05	13.02	
			18	12.85	0.05	12.90	
			24	12.74	0.05	12.79	
			36	12.56	0.05	12.61	
			48	10.41	0.05	10.46	
			54	10.32	0.05	10.37	
	5240	48	6	12.45	0.05	12.50	10.0
			9	12.49	0.05	12.54	
			12	12.44	0.05	12.49	
			18	12.35	0.05	12.40	
			24	12.28	0.05	12.33	
			36	12.27	0.05	12.32	
			48	10.29	0.05	10.34	
			54	10.21	0.05	10.26	

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5260	52	6	12.65	0.98	13.63	10.0
			9	12.64	0.98	13.62	
			12	12.59	0.98	13.57	
			18	12.50	0.98	13.48	
			24	12.41	0.98	13.39	
			36	12.27	0.98	13.25	
			48	10.30	0.98	11.28	
			54	10.24	0.98	11.22	
	5300	60	6	12.92	0.98	13.90	10.0
			9	12.87	0.98	13.85	
			12	12.78	0.98	13.76	
			18	12.62	0.98	13.60	
			24	12.64	0.98	13.62	
			36	12.57	0.98	13.55	
			48	10.47	0.98	11.45	
			54	10.48	0.98	11.46	
	5320	64	6	12.76	0.98	13.74	10.0
			9	12.68	0.98	13.66	
			12	12.71	0.98	13.69	
			18	12.66	0.98	13.64	
			24	12.61	0.98	13.59	
			36	12.49	0.98	13.47	
			48	10.51	0.98	11.49	
			54	10.46	0.98	11.44	

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5500	100	6	13.01	1.41	14.42	10.0
			9	12.97	1.41	14.38	
			12	12.95	1.41	14.36	
			18	12.86	1.41	14.27	
			24	12.84	1.41	14.25	
			36	12.75	1.41	14.16	
			48	10.50	1.41	11.91	
			54	10.47	1.41	11.88	
	5580	116	6	12.67	1.41	14.08	11.0
			9	12.70	1.41	14.11	
			12	12.59	1.41	14.00	
			18	12.57	1.41	13.98	
			24	12.46	1.41	13.87	
			36	12.42	1.41	13.83	
			48	10.41	1.41	11.82	
			54	10.43	1.41	11.84	
	5720	144	6	13.12	1.41	14.53	11.0
			9	13.14	1.41	14.55	
			12	13.08	1.41	14.49	
			18	13.01	1.41	14.42	
			24	12.94	1.41	14.35	
			36	12.87	1.41	14.28	
			48	10.85	1.41	12.26	
			54	10.83	1.41	12.24	

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5745	149	6	13.19	10.0
			9	13.12	
			12	13.10	
			18	13.01	
			24	12.95	
			36	12.84	
			48	10.94	
			54	11.01	
	5785	157	6	13.50	10.0
			9	13.42	
			12	13.39	
			18	13.33	
			24	13.20	
			36	13.18	
			48	11.11	
			54	11.05	
	5825	165	6	13.25	10.5
			9	13.21	
			12	13.26	
			18	13.17	
			24	13.12	
			36	12.99	
			48	11.00	
			54	10.97	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5180	36	0	12.84	0.05	12.89	11.0
			1	12.77	0.05	12.82	
			2	12.85	0.05	12.90	
			3	12.64	0.05	12.69	
			4	12.60	0.05	12.65	
			5	12.55	0.05	12.60	
			6	10.50	0.05	10.55	
			7	10.48	0.05	10.53	
	5200	40	0	12.73	0.05	12.78	11.0
			1	12.65	0.05	12.70	
			2	12.66	0.05	12.71	
			3	12.54	0.05	12.59	
			4	12.51	0.05	12.56	
			5	12.49	0.05	12.54	
			6	10.23	0.05	10.28	
			7	10.04	0.05	10.09	
	5240	48	0	13.02	0.05	13.07	10.5
			1	12.97	0.05	13.02	
			2	13.00	0.05	13.05	
			3	12.81	0.05	12.86	
			4	12.78	0.05	12.83	
			5	12.76	0.05	12.81	
			6	10.74	0.05	10.79	
			7	10.62	0.05	10.67	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5260	52	0	12.94	0.98	13.92	10.5
			1	12.98	0.98	13.96	
			2	12.91	0.98	13.89	
			3	12.76	0.98	13.74	
			4	12.80	0.98	13.78	
			5	12.69	0.98	13.67	
			6	10.47	0.98	11.45	
			7	10.41	0.98	11.39	
	5300	60	0	13.18	0.98	14.16	10.5
			1	13.16	0.98	14.14	
			2	13.11	0.98	14.09	
			3	12.98	0.98	13.96	
			4	12.92	0.98	13.90	
			5	12.87	0.98	13.85	
			6	10.68	0.98	11.66	
			7	10.65	0.98	11.63	
	5320	64	0	13.49	0.98	14.47	10.5
			1	13.45	0.98	14.43	
			2	13.37	0.98	14.35	
			3	13.21	0.98	14.19	
			4	13.13	0.98	14.11	
			5	13.16	0.98	14.14	
			6	10.90	0.98	11.88	
			7	10.73	0.98	11.71	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5500	100	0	12.92	1.41	14.33	11.0
			1	12.90	1.41	14.31	
			2	12.84	1.41	14.25	
			3	12.73	1.41	14.14	
			4	12.70	1.41	14.11	
			5	12.65	1.41	14.06	
			6	10.68	1.41	12.09	
			7	10.51	1.41	11.92	
	5580	116	0	12.56	1.41	13.97	11.0
			1	12.54	1.41	13.95	
			2	12.55	1.41	13.96	
			3	12.38	1.41	13.79	
			4	12.29	1.41	13.70	
			5	12.32	1.41	13.73	
			6	10.27	1.41	11.68	
			7	10.20	1.41	11.61	
	5720	144	0	13.37	1.41	14.78	10.5
			1	13.33	1.41	14.74	
			2	13.28	1.41	14.69	
			3	13.01	1.41	14.42	
			4	13.04	1.41	14.45	
			5	12.89	1.41	14.30	
			6	10.91	1.41	12.32	
			7	10.97	1.41	12.38	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5745	149	0	13.41	10.5
			1	13.44	
			2	13.40	
			3	13.25	
			4	13.20	
			5	13.07	
			6	11.11	
			7	11.15	
	5785	157	0	13.27	10.5
			1	13.20	
			2	13.22	
			3	13.08	
			4	13.31	
			5	13.20	
			6	11.08	
			7	10.89	
	5825	165	0	12.75	10.5
			1	12.77	
			2	12.68	
			3	12.62	
			4	12.47	
			5	12.46	
			6	10.66	
			7	10.58	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5190	38	0	12.40	0.05	12.45	11.0
			1	12.35	0.05	12.40	
			2	12.31	0.05	12.36	
			3	12.15	0.05	12.20	
			4	12.09	0.05	12.14	
			5	12.05	0.05	12.10	
			6	10.12	0.05	10.17	
			7	10.01	0.05	10.06	
	5230	46	0	13.10	0.05	13.15	11.0
			1	13.04	0.05	13.09	
			2	13.06	0.05	13.11	
			3	12.92	0.05	12.97	
			4	12.88	0.05	12.93	
			5	12.79	0.05	12.84	
			6	10.61	0.05	10.66	
			7	10.52	0.05	10.57	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5270	54	0	12.85	0.98	13.83	10.5
			1	12.82	0.98	13.80	
			2	12.81	0.98	13.79	
			3	12.67	0.98	13.65	
			4	12.52	0.98	13.50	
			5	12.44	0.98	13.42	
			6	10.25	0.98	11.23	
			7	10.07	0.98	11.05	
	5310	62	0	13.07	0.98	14.05	10.5
			1	13.96	0.98	14.94	
			2	12.94	0.98	13.92	
			3	12.71	0.98	13.69	
			4	12.64	0.98	13.62	
			5	12.62	0.98	13.60	
			6	10.42	0.98	11.40	
			7	10.43	0.98	11.41	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5510	102	0	12.81	1.41	14.22	11.0
			1	12.76	1.41	14.17	
			2	12.79	1.41	14.20	
			3	12.58	1.41	13.99	
			4	12.50	1.41	13.91	
			5	12.43	1.41	13.84	
			6	10.56	1.41	11.97	
			7	10.51	1.41	11.92	
	5550	110	0	12.51	1.41	13.92	11.0
			1	12.49	1.41	13.90	
			2	12.44	1.41	13.85	
			3	12.38	1.41	13.79	
			4	12.20	1.41	13.61	
			5	12.15	1.41	13.56	
			6	10.19	1.41	11.60	
			7	10.22	1.41	11.63	
	5710	142	0	12.79	1.41	14.20	10.0
			1	12.81	1.41	14.22	
			2	12.74	1.41	14.15	
			3	12.52	1.41	13.93	
			4	12.56	1.41	13.97	
			5	12.47	1.41	13.88	
			6	10.50	1.41	11.91	
			7	10.44	1.41	11.85	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5755	151	0	13.50	10.5
			1	13.44	
			2	13.32	
			3	13.21	
			4	13.13	
			5	13.10	
			6	11.07	
			7	11.01	
	5795	159	0	13.49	10.5
			1	13.41	
			2	13.24	
			3	13.04	
			4	12.95	
			5	12.84	
			6	10.81	
			7	10.76	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5180	36	0	13.02	0.05	13.07	11.0
			1	12.96	0.05	13.01	
			2	13.04	0.05	13.09	
			3	12.87	0.05	12.92	
			4	12.85	0.05	12.90	
			5	12.79	0.05	12.84	
			6	11.62	0.05	11.67	
			7	11.57	0.05	11.62	
			8	9.43	0.05	9.48	
	5200	40	0	13.22	0.05	13.27	11.0
			1	13.23	0.05	13.28	
			2	13.18	0.05	13.23	
			3	13.10	0.05	13.15	
			4	12.95	0.05	13.00	
			5	12.87	0.05	12.92	
			6	11.64	0.05	11.69	
			7	11.56	0.05	11.61	
			8	9.80	0.05	9.85	
	5240	48	0	13.35	0.05	13.40	10.0
			1	13.33	0.05	13.38	
			2	13.37	0.05	13.42	
			3	13.20	0.05	13.25	
			4	13.14	0.05	13.19	
			5	13.07	0.05	13.12	
			6	11.12	0.05	11.17	
			7	10.97	0.05	11.02	
			8	9.86	0.05	9.91	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5260	52	0	12.50	0.98	13.48	10.0
			1	12.48	0.98	13.46	
			2	12.51	0.98	13.49	
			3	12.33	0.98	13.31	
			4	12.26	0.98	13.24	
			5	12.19	0.98	13.17	
			6	10.28	0.98	11.26	
			7	10.34	0.98	11.32	
			8	9.27	0.98	10.25	
	5300	60	0	13.08	0.98	14.06	10.0
			1	13.05	0.98	14.03	
			2	13.10	0.98	14.08	
			3	13.93	0.98	14.91	
			4	13.84	0.98	14.82	
			5	13.74	0.98	14.72	
			6	11.61	0.98	12.59	
			7	11.57	0.98	12.55	
			8	9.54	0.98	10.52	
	5320	64	0	12.60	0.98	13.58	10.0
			1	12.57	0.98	13.55	
			2	12.55	0.98	13.53	
			3	12.39	0.98	13.37	
			4	12.36	0.98	13.34	
			5	12.31	0.98	13.29	
			6	10.56	0.98	11.54	
			7	10.55	0.98	11.53	
			8	9.47	0.98	10.45	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5500	100	0	12.95	1.41	14.36	11.0
			1	12.92	1.41	14.33	
			2	12.94	1.41	14.35	
			3	12.78	1.41	14.19	
			4	12.66	1.41	14.07	
			5	12.65	1.41	14.06	
			6	10.51	1.41	11.92	
			7	10.48	1.41	11.89	
			8	9.40	1.41	10.81	
	5580	116	0	12.71	1.41	14.12	11.0
			1	12.69	1.41	14.10	
			2	12.72	1.41	14.13	
			3	12.59	1.41	14.00	
			4	12.53	1.41	13.94	
			5	12.44	1.41	13.85	
			6	11.29	1.41	12.70	
			7	11.36	1.41	12.77	
			8	9.20	1.41	10.61	
	5720	144	0	13.27	1.41	14.68	10.0
			1	13.20	1.41	14.61	
			2	13.18	1.41	14.59	
			3	13.09	1.41	14.50	
			4	13.01	1.41	14.42	
			5	12.97	1.41	14.38	
			6	10.90	1.41	12.31	
			7	10.93	1.41	12.34	
			8	9.91	1.41	11.32	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5745	149	0	13.22	10.0
			1	13.17	
			2	13.15	
			3	13.03	
			4	12.95	
			5	12.89	
			6	10.75	
			7	10.77	
			8	9.95	
	5785	157	0	12.87	10.0
			1	12.90	
			2	12.81	
			3	12.70	
			4	12.54	
			5	12.49	
			6	10.42	
			7	10.39	
			8	9.34	
	5825	165	0	12.57	10.0
			1	12.55	
			2	12.50	
			3	12.38	
			4	12.33	
			5	12.27	
			6	10.21	
			7	10.20	
			8	9.15	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5190	38	0	13.01	0.05	13.06	11.0
			1	12.99	0.05	13.04	
			2	12.96	0.05	13.01	
			3	12.75	0.05	12.80	
			4	12.65	0.05	12.70	
			5	12.57	0.05	12.62	
			6	10.39	0.05	10.44	
			7	10.40	0.05	10.45	
			8	9.38	0.05	9.43	
			9	9.34	0.05	9.39	
	5230	46	0	13.32	0.05	13.37	11.0
			1	13.30	0.05	13.35	
			2	13.28	0.05	13.33	
			3	13.21	0.05	13.26	
			4	13.15	0.05	13.20	
			5	13.04	0.05	13.09	
			6	10.94	0.05	10.99	
			7	10.70	0.05	10.75	
			8	9.70	0.05	9.75	
			9	9.51	0.05	9.56	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5270	54	0	12.87	0.98	13.85	10.5
			1	12.80	0.98	13.78	
			2	12.74	0.98	13.72	
			3	12.59	0.98	13.57	
			4	12.58	0.98	13.56	
			5	12.45	0.98	13.43	
			6	10.26	0.98	11.24	
			7	10.14	0.98	11.12	
			8	9.02	0.98	10.00	
			9	8.77	0.98	9.75	
	5310	62	0	13.22	0.98	14.20	10.5
			1	13.13	0.98	14.11	
			2	13.04	0.98	14.02	
			3	12.77	0.98	13.75	
			4	12.62	0.98	13.60	
			5	12.64	0.98	13.62	
			6	10.43	0.98	11.41	
			7	10.31	0.98	11.29	
			8	9.21	0.98	10.19	
			9	9.05	0.98	10.03	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5510	102	0	13.83	1.41	15.24	12.0
			1	13.76	1.41	15.17	
			2	13.74	1.41	15.15	
			3	13.53	1.41	14.94	
			4	13.52	1.41	14.93	
			5	13.49	1.41	14.90	
			6	11.46	1.41	12.87	
			7	11.31	1.41	12.72	
			8	10.24	1.41	11.65	
			9	10.10	1.41	11.51	
	5550	110	0	13.55	1.41	14.96	12.0
			1	13.41	1.41	14.82	
			2	13.39	1.41	14.80	
			3	12.16	1.41	13.57	
			4	12.17	1.41	13.58	
			5	12.09	1.41	13.50	
			6	11.05	1.41	12.46	
			7	11.03	1.41	12.44	
			8	9.96	1.41	11.37	
			9	9.72	1.41	11.13	
	5710	142	0	13.37	1.41	14.78	10.5
			1	13.38	1.41	14.79	
			2	13.25	1.41	14.66	
			3	13.23	1.41	14.64	
			4	13.15	1.41	14.56	
			5	13.09	1.41	14.50	
			6	11.08	1.41	12.49	
			7	10.97	1.41	12.38	
			8	9.86	1.41	11.27	
			9	9.70	1.41	11.11	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5755	151	0	13.41	10.5
			1	13.30	
			2	13.35	
			3	13.11	
			4	13.07	
			5	12.95	
			6	11.90	
			7	11.82	
			8	9.88	
			9	9.69	
	5795	159	0	13.05	10.5
			1	12.99	
			2	12.87	
			3	12.66	
			4	12.63	
			5	12.61	
			6	10.53	
			7	10.50	
			8	9.48	
			9	9.44	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5210	42	0	11.78	0.05	11.83	10.0
			1	11.75	0.05	11.80	
			2	11.61	0.05	11.66	
			3	11.52	0.05	11.57	
			4	11.50	0.05	11.55	
			5	11.47	0.05	11.52	
			6	9.44	0.05	9.49	
			7	9.41	0.05	9.46	
			8	8.35	0.05	8.40	
			9	8.23	0.05	8.28	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5290	58	0	13.44	0.98	14.42	10.5
			1	13.41	0.98	14.39	
			2	13.27	0.98	14.25	
			3	13.32	0.98	14.30	
			4	13.22	0.98	14.20	
			5	13.15	0.98	14.13	
			6	11.04	0.98	12.02	
			7	11.05	0.98	12.03	
			8	9.83	0.98	10.81	
			9	9.77	0.98	10.75	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5530	106	0	13.15	1.41	14.56	12.0
			1	13.12	1.41	14.53	
			2	12.99	1.41	14.40	
			3	13.05	1.41	14.46	
			4	12.96	1.41	14.37	
			5	12.84	1.41	14.25	
			6	10.71	1.41	12.12	
			7	10.62	1.41	12.03	
			8	9.70	1.41	11.11	
			9	9.61	1.41	11.02	
	5690	138	0	12.91	1.41	14.32	10.5
			1	12.93	1.41	14.34	
			2	12.88	1.41	14.29	
			3	12.84	1.41	14.25	
			4	12.71	1.41	14.12	
			5	12.68	1.41	14.09	
			6	10.51	1.41	11.92	
			7	10.49	1.41	11.90	
			8	9.62	1.41	11.03	
			9	9.68	1.41	11.09	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5775	155	0	13.25	10.5
			1	13.18	
			2	13.01	
			3	12.84	
			4	12.76	
			5	12.54	
			6	10.53	
			7	10.47	
			8	9.55	
			9	9.53	

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802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5180	36	6	12.82	1.42	14.24	10.5
			9	12.77	1.42	14.19	
			12	12.73	1.42	14.15	
			18	12.69	1.42	14.11	
			24	12.68	1.42	14.10	
			36	12.62	1.42	14.04	
			48	10.27	1.42	11.69	
			54	10.24	1.42	11.66	
	5200	40	6	12.78	1.42	14.20	10.5
			9	12.74	1.42	14.16	
			12	12.75	1.42	14.17	
			18	12.67	1.42	14.09	
			24	12.63	1.42	14.05	
			36	12.53	1.42	13.95	
			48	10.49	1.42	11.91	
			54	10.37	1.42	11.79	
	5240	48	6	12.33	1.42	13.75	10.0
			9	12.29	1.42	13.71	
			12	12.31	1.42	13.73	
			18	12.22	1.42	13.64	
			24	12.15	1.42	13.57	
			36	12.11	1.42	13.53	
			48	10.06	1.42	11.48	
			54	10.00	1.42	11.42	

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5260	52	6	12.75	1.45	14.20	10.0
			9	12.67	1.45	14.12	
			12	12.64	1.45	14.09	
			18	12.59	1.45	14.04	
			24	12.58	1.45	14.03	
			36	12.44	1.45	13.89	
			48	10.17	1.45	11.62	
			54	10.09	1.45	11.54	
	5300	60	6	12.80	1.45	14.25	10.0
			9	12.73	1.45	14.18	
			12	12.75	1.45	14.20	
			18	12.66	1.45	14.11	
			24	12.63	1.45	14.08	
			36	12.61	1.45	14.06	
			48	10.41	1.45	11.86	
			54	10.25	1.45	11.70	
	5320	64	6	12.55	1.45	14.00	10.0
			9	12.54	1.45	13.99	
			12	12.57	1.45	14.02	
			18	12.42	1.45	13.87	
			24	12.37	1.45	13.82	
			36	12.36	1.45	13.81	
			48	10.29	1.45	11.74	
			54	10.22	1.45	11.67	

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5500	100	6	12.20	1.37	13.57	10.0
			9	12.20	1.37	13.57	
			12	12.16	1.37	13.53	
			18	12.14	1.37	13.51	
			24	12.09	1.37	13.46	
			36	12.05	1.37	13.42	
			48	9.98	1.37	11.35	
			54	9.76	1.37	11.13	
	5580	116	6	11.88	1.37	13.25	11.0
			9	11.85	1.37	13.22	
			12	11.82	1.37	13.19	
			18	10.99	1.37	12.36	
			24	11.00	1.37	12.37	
			36	10.83	1.37	12.20	
			48	9.75	1.37	11.12	
			54	9.64	1.37	11.01	
	5720	144	6	12.44	1.37	13.81	11.0
			9	12.36	1.37	13.73	
			12	12.39	1.37	13.76	
			18	12.26	1.37	13.63	
			24	12.15	1.37	13.52	
			36	12.10	1.37	13.47	
			48	10.23	1.37	11.60	
			54	10.17	1.37	11.54	

802.11a Mode			Rate (Mbps)	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5745	149	6	11.96	10.0
			9	11.89	
			12	11.91	
			18	11.84	
			24	11.80	
			36	10.86	
			48	9.88	
			54	9.82	
	5785	157	6	12.49	10.0
			9	12.40	
			12	12.44	
			18	12.34	
			24	12.19	
			36	12.08	
			48	10.02	
			54	9.89	
	5825	165	6	12.42	10.5
			9	12.41	
			12	12.36	
			18	12.33	
			24	12.27	
			36	12.13	
			48	10.17	
			54	10.10	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5180	36	0	12.74	1.42	14.16	11.0
			1	12.72	1.42	14.14	
			2	12.69	1.42	14.11	
			3	12.51	1.42	13.93	
			4	12.47	1.42	13.89	
			5	12.34	1.42	13.76	
			6	10.25	1.42	11.67	
			7	10.26	1.42	11.68	
	5200	40	0	12.09	1.42	13.51	11.0
			1	12.11	1.42	13.53	
			2	12.04	1.42	13.46	
			3	11.88	1.42	13.30	
			4	11.86	1.42	13.28	
			5	11.80	1.42	13.22	
			6	9.82	1.42	11.24	
			7	9.73	1.42	11.15	
	5240	48	0	12.83	1.42	14.25	10.5
			1	12.80	1.42	14.22	
			2	12.79	1.42	14.21	
			3	12.57	1.42	13.99	
			4	12.55	1.42	13.97	
			5	12.49	1.42	13.91	
			6	10.31	1.42	11.73	
			7	10.24	1.42	11.66	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5260	52	0	13.47	1.45	14.92	10.5
			1	13.40	1.45	14.85	
			2	13.44	1.45	14.89	
			3	13.29	1.45	14.74	
			4	13.25	1.45	14.70	
			5	13.18	1.45	14.63	
			6	10.96	1.45	12.41	
			7	10.82	1.45	12.27	
	5300	60	0	13.63	1.45	15.08	10.5
			1	13.60	1.45	15.05	
			2	13.56	1.45	15.01	
			3	13.41	1.45	14.86	
			4	13.28	1.45	14.73	
			5	13.16	1.45	14.61	
			6	10.99	1.45	12.44	
			7	10.89	1.45	12.34	
	5320	64	0	13.28	1.45	14.73	10.5
			1	13.29	1.45	14.74	
			2	12.91	1.45	14.36	
			3	12.94	1.45	14.39	
			4	12.85	1.45	14.30	
			5	12.79	1.45	14.24	
			6	10.86	1.45	12.31	
			7	10.85	1.45	12.30	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5500	100	0	12.31	1.37	13.68	11.0
			1	12.27	1.37	13.64	
			2	12.21	1.37	13.58	
			3	12.06	1.37	13.43	
			4	11.98	1.37	13.35	
			5	11.85	1.37	13.22	
			6	9.77	1.37	11.14	
			7	9.59	1.37	10.96	
	5580	116	0	12.09	1.37	13.46	11.0
			1	12.07	1.37	13.44	
			2	12.00	1.37	13.37	
			3	11.78	1.37	13.15	
			4	11.74	1.37	13.11	
			5	11.76	1.37	13.13	
			6	9.59	1.37	10.96	
			7	9.52	1.37	10.89	
	5720	144	0	12.95	1.37	14.32	10.5
			1	12.92	1.37	14.29	
			2	12.88	1.37	14.25	
			3	12.56	1.37	13.93	
			4	12.63	1.37	14.00	
			5	12.50	1.37	13.87	
			6	10.33	1.37	11.70	
			7	10.35	1.37	11.72	

802.11n(20MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5745	149	0	12.30	10.5
			1	12.21	
			2	12.29	
			3	12.03	
			4	11.84	
			5	11.78	
			6	10.25	
			7	10.14	
	5785	157	0	12.11	10.5
			1	12.09	
			2	11.98	
			3	11.87	
			4	11.91	
			5	11.85	
			6	9.93	
			7	9.90	
	5825	165	0	12.19	10.5
			1	12.08	
			2	12.00	
			3	11.95	
			4	11.92	
			5	11.85	
			6	9.93	
			7	9.99	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5190	38	0	12.43	1.42	13.85	11.0
			1	12.40	1.42	13.82	
			2	12.35	1.42	13.77	
			3	12.31	1.42	13.73	
			4	12.28	1.42	13.70	
			5	12.26	1.42	13.68	
			6	10.10	1.42	11.52	
			7	9.87	1.42	11.29	
	5230	46	0	13.20	1.42	14.62	11.0
			1	13.07	1.42	14.49	
			2	13.00	1.42	14.42	
			3	12.88	1.42	14.30	
			4	12.79	1.42	14.21	
			5	12.63	1.42	14.05	
			6	10.56	1.42	11.98	
			7	10.43	1.42	11.85	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5270	54	0	13.21	1.45	14.66	10.5
			1	13.17	1.45	14.62	
			2	13.13	1.45	14.58	
			3	12.97	1.45	14.42	
			4	12.94	1.45	14.39	
			5	12.82	1.45	14.27	
			6	10.65	1.45	12.10	
			7	10.49	1.45	11.94	
	5310	62	0	13.14	1.45	14.59	10.5
			1	13.10	1.45	14.55	
			2	13.06	1.45	14.51	
			3	13.84	1.45	15.29	
			4	13.78	1.45	15.23	
			5	13.66	1.45	15.11	
			6	10.62	1.45	12.07	
			7	10.59	1.45	12.04	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5510	102	0	11.72	1.37	13.09	11.0
			1	11.64	1.37	13.01	
			2	11.60	1.37	12.97	
			3	11.51	1.37	12.88	
			4	11.48	1.37	12.85	
			5	11.43	1.37	12.80	
			6	9.40	1.37	10.77	
			7	9.32	1.37	10.69	
	5550	110	0	11.54	1.37	12.91	11.0
			1	11.52	1.37	12.89	
			2	11.53	1.37	12.90	
			3	11.39	1.37	12.76	
			4	11.32	1.37	12.69	
			5	11.20	1.37	12.57	
			6	9.31	1.37	10.68	
			7	9.25	1.37	10.62	
	5710	142	0	11.89	1.37	13.26	10.0
			1	11.85	1.37	13.22	
			2	11.81	1.37	13.18	
			3	12.59	1.37	13.96	
			4	12.53	1.37	13.90	
			5	12.41	1.37	13.78	
			6	9.51	1.37	10.88	
			7	9.48	1.37	10.85	

802.11n(40MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5755	151	0	12.16	10.5
			1	12.11	
			2	12.14	
			3	11.97	
			4	11.95	
			5	11.86	
			6	9.70	
			7	9.65	
	5795	159	0	12.06	10.5
			1	12.00	
			2	11.97	
			3	11.81	
			4	11.74	
			5	11.75	
			6	9.73	
			7	9.74	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5180	36	0	12.40	1.42	13.82	11.0
			1	12.35	1.42	13.77	
			2	12.31	1.42	13.73	
			3	12.10	1.42	13.52	
			4	12.05	1.42	13.47	
			5	12.06	1.42	13.48	
			6	10.02	1.42	11.44	
			7	9.96	1.42	11.38	
			8	8.90	1.42	10.32	
	5200	40	0	12.47	1.42	13.89	11.0
			1	12.45	1.42	13.87	
			2	12.40	1.42	13.82	
			3	12.26	1.42	13.68	
			4	12.29	1.42	13.71	
			5	12.21	1.42	13.63	
			6	10.31	1.42	11.73	
			7	10.20	1.42	11.62	
			8	8.95	1.42	10.37	
	5240	48	0	12.84	1.42	14.26	10.0
			1	12.84	1.42	14.26	
			2	12.79	1.42	14.21	
			3	12.57	1.42	13.99	
			4	12.59	1.42	14.01	
			5	12.46	1.42	13.88	
			6	10.54	1.42	11.96	
			7	10.48	1.42	11.90	
			8	9.59	1.42	11.01	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5260	52	0	12.82	1.45	14.27	10.0
			1	12.80	1.45	14.25	
			2	12.63	1.45	14.08	
			3	12.58	1.45	14.03	
			4	12.53	1.45	13.98	
			5	12.50	1.45	13.95	
			6	10.55	1.45	12.00	
			7	10.41	1.45	11.86	
			8	9.39	1.45	10.84	
	5300	60	0	13.08	1.45	14.53	10.0
			1	13.06	1.45	14.51	
			2	13.01	1.45	14.46	
			3	12.87	1.45	14.32	
			4	12.90	1.45	14.35	
			5	12.82	1.45	14.27	
			6	10.92	1.45	12.37	
			7	10.81	1.45	12.26	
			8	9.51	1.45	10.96	
	5320	64	0	13.77	1.45	15.22	10.0
			1	13.74	1.45	15.19	
			2	13.68	1.45	15.13	
			3	13.59	1.45	15.04	
			4	13.48	1.45	14.93	
			5	13.50	1.45	14.95	
			6	10.47	1.45	11.92	
			7	10.45	1.45	11.90	
			8	9.49	1.45	10.94	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5500	100	0	12.07	1.37	13.44	11.0
			1	12.09	1.37	13.46	
			2	12.01	1.37	13.38	
			3	11.88	1.37	13.25	
			4	11.85	1.37	13.22	
			5	11.79	1.37	13.16	
			6	10.72	1.37	12.09	
			7	10.66	1.37	12.03	
			8	8.61	1.37	9.98	
	5580	116	0	12.14	1.37	13.51	11.0
			1	12.06	1.37	13.43	
			2	12.12	1.37	13.49	
			3	11.97	1.37	13.34	
			4	11.92	1.37	13.29	
			5	11.82	1.37	13.19	
			6	10.77	1.37	12.14	
			7	10.74	1.37	12.11	
			8	8.63	1.37	10.00	
	5720	144	0	12.43	1.37	13.80	10.0
			1	12.40	1.37	13.77	
			2	12.30	1.37	13.67	
			3	12.24	1.37	13.61	
			4	12.19	1.37	13.56	
			5	12.11	1.37	13.48	
			6	10.06	1.37	11.43	
			7	10.01	1.37	11.38	
			8	9.07	1.37	10.44	

802.11ac(20MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5745	149	0	12.01	10.0
			1	11.99	
			2	11.95	
			3	11.83	
			4	11.75	
			5	11.69	
			6	10.63	
			7	10.60	
			8	9.54	
	5785	157	0	11.80	10.0
			1	11.77	
			2	11.76	
			3	11.54	
			4	11.46	
			5	11.42	
			6	10.32	
			7	10.16	
			8	9.17	
	5825	165	0	11.94	10.0
			1	11.90	
			2	11.87	
			3	11.63	
			4	11.65	
			5	11.59	
			6	10.54	
			7	10.46	
			8	8.40	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5190	38	0	12.75	1.42	14.17	11.0
			1	12.71	1.42	14.13	
			2	12.68	1.42	14.10	
			3	12.57	1.42	13.99	
			4	12.55	1.42	13.97	
			5	12.52	1.42	13.94	
			6	10.42	1.42	11.84	
			7	10.38	1.42	11.80	
			8	9.21	1.42	10.63	
			9	8.86	1.42	10.28	
	5230	46	0	13.01	1.42	14.43	11.0
			1	12.99	1.42	14.41	
			2	12.96	1.42	14.38	
			3	12.84	1.42	14.26	
			4	12.60	1.42	14.02	
			5	12.64	1.42	14.06	
			6	10.52	1.42	11.94	
			7	10.44	1.42	11.86	
			8	9.37	1.42	10.79	
			9	9.23	1.42	10.65	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5270	54	0	13.13	1.45	14.58	10.5
			1	13.10	1.45	14.55	
			2	13.02	1.45	14.47	
			3	12.79	1.45	14.24	
			4	12.83	1.45	14.28	
			5	12.72	1.45	14.17	
			6	10.65	1.45	12.10	
			7	10.61	1.45	12.06	
			8	9.53	1.45	10.98	
			9	9.42	1.45	10.87	
	5310	62	0	13.22	1.45	14.67	10.5
			1	13.06	1.45	14.51	
			2	12.89	1.45	14.34	
			3	12.78	1.45	14.23	
			4	12.75	1.45	14.20	
			5	12.57	1.45	14.02	
			6	10.59	1.45	12.04	
			7	10.51	1.45	11.96	
			8	9.20	1.45	10.65	
			9	9.24	1.45	10.69	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5510	102	0	12.48	1.37	13.85	12.0
			1	12.40	1.37	13.77	
			2	12.31	1.37	13.68	
			3	12.26	1.37	13.63	
			4	12.15	1.37	13.52	
			5	12.12	1.37	13.49	
			6	10.09	1.37	11.46	
			7	10.20	1.37	11.57	
			8	8.95	1.37	10.32	
			9	8.92	1.37	10.29	
	5550	110	0	12.39	1.37	13.76	12.0
			1	12.33	1.37	13.70	
			2	12.30	1.37	13.67	
			3	12.11	1.37	13.48	
			4	12.06	1.37	13.43	
			5	11.97	1.37	13.34	
			6	10.02	1.37	11.39	
			7	9.93	1.37	11.30	
			8	8.88	1.37	10.25	
			9	8.80	1.37	10.17	
	5710	142	0	12.56	1.37	13.93	10.5
			1	12.54	1.37	13.91	
			2	12.51	1.37	13.88	
			3	12.44	1.37	13.81	
			4	12.20	1.37	13.57	
			5	12.17	1.37	13.54	
			6	10.12	1.37	11.49	
			7	10.13	1.37	11.50	
			8	9.05	1.37	10.42	
			9	8.93	1.37	10.30	

802.11ac(40MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5755	151	0	12.04	10.5
			1	12.00	
			2	12.00	
			3	11.84	
			4	11.77	
			5	11.76	
			6	9.74	
			7	9.72	
			8	8.69	
			9	8.71	
	5795	159	0	12.02	10.5
			1	11.98	
			2	11.96	
			3	11.85	
			4	11.82	
			5	11.79	
			6	9.78	
			7	9.71	
			8	8.68	
			9	8.64	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 1	5210	42	0	11.86	1.42	13.28	10.0
			1	11.82	1.42	13.24	
			2	11.83	1.42	13.25	
			3	11.69	1.42	13.11	
			4	11.58	1.42	13.00	
			5	11.47	1.42	12.89	
			6	9.46	1.42	10.88	
			7	9.34	1.42	10.76	
			8	8.20	1.42	9.62	
			9	8.13	1.42	9.55	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2A	5290	58	0	12.63	1.45	14.08	10.5
			1	12.64	1.45	14.09	
			2	12.60	1.45	14.05	
			3	12.45	1.45	13.90	
			4	12.42	1.45	13.87	
			5	12.40	1.45	13.85	
			6	10.36	1.45	11.81	
			7	10.29	1.45	11.74	
			8	9.47	1.45	10.92	
			9	9.50	1.45	10.95	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)			
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Peak Ant Gain (dBi)	E.I.R.P (dBm)	Power Level Setting
UNII 2C	5530	106	0	12.67	1.37	14.04	12.0
			1	12.42	1.37	13.79	
			2	12.37	1.37	13.74	
			3	12.20	1.37	13.57	
			4	12.09	1.37	13.46	
			5	12.13	1.37	13.50	
			6	10.02	1.37	11.39	
			7	10.12	1.37	11.49	
			8	9.18	1.37	10.55	
			9	9.13	1.37	10.50	
	5690	138	0	12.84	1.37	14.21	10.5
			1	12.58	1.37	13.95	
			2	12.53	1.37	13.90	
			3	12.34	1.37	13.71	
			4	12.26	1.37	13.63	
			5	12.30	1.37	13.67	
			6	10.20	1.37	11.57	
			7	10.18	1.37	11.55	
			8	9.36	1.37	10.73	
			9	9.33	1.37	10.70	

802.11ac(80MHz) Mode			MCS Index	SISO Measured Power (dBm)	
Band	Frequency [MHz]	Channel No.		Total Power (dBm)	Power Level Setting
UNII 3	5775	155	0	12.14	10.5
			1	12.13	
			2	12.09	
			3	12.05	
			4	11.99	
			5	11.86	
			6	9.54	
			7	9.49	
			8	8.42	
			9	8.40	

[MIMO]

802.11a Mode			Rate (Mbps)	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 1	5180	36	6	15.76	15.0	3.77	19.53
			9	15.72		3.77	19.49
			12	15.69		3.77	19.46
			18	15.65		3.77	19.42
			24	15.56		3.77	19.33
			36	15.44		3.77	19.21
			48	13.32	13.0	3.77	17.09
			54	13.25		3.77	17.02
	5200	40	6	15.92	15.0	3.77	19.69
			9	15.87		3.77	19.64
			12	15.87		3.77	19.64
			18	15.77		3.77	19.54
			24	15.70		3.77	19.47
			36	15.56		3.77	19.33
			48	13.46	13.0	3.77	17.23
			54	13.36		3.77	17.13
	5240	48	6	15.40	15.0	3.77	19.17
			9	15.40		3.77	19.17
			12	15.39		3.77	19.16
			18	15.30		3.77	19.07
			24	15.23		3.77	19.00
			36	15.20		3.77	18.97
			48	13.19	13.0	3.77	16.96
			54	13.12		3.77	16.89

802.11a Mode			Rate (Mbps)	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2A	5260	52	6	15.71	15.0	4.23	19.94
			9	15.67		4.23	19.89
			12	15.63		4.23	19.85
			18	15.56		4.23	19.78
			24	15.51		4.23	19.73
			36	15.37		4.23	19.59
			48	13.25	13.0	4.23	17.47
			54	13.18		4.23	17.40
	5300	60	6	15.87	15.0	4.23	20.10
			9	15.81		4.23	20.04
			12	15.78		4.23	20.00
			18	15.65		4.23	19.88
			24	15.65		4.23	19.87
			36	15.60		4.23	19.83
			48	13.45	13.0	4.23	17.68
			54	13.38		4.23	17.61
	5320	64	6	15.67	15.0	4.23	19.90
			9	15.62		4.23	19.85
			12	15.65		4.23	19.88
			18	15.55		4.23	19.78
			24	15.50		4.23	19.73
			36	15.44		4.23	19.66
			48	13.41	13.0	4.23	17.64
			54	13.35		4.23	17.58

802.11a Mode			Rate (Mbps)	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2C	5500	100	6	15.63	15.0	4.40	20.03
			9	15.61		4.40	20.01
			12	15.58		4.40	19.98
			18	15.53		4.40	19.93
			24	15.49		4.40	19.89
			36	15.42		4.40	19.82
			48	13.26	13.0	4.40	17.66
			54	13.14		4.40	17.54
	5580	116	6	15.30	15.0	4.40	19.70
			9	15.31		4.40	19.71
			12	15.23		4.40	19.63
			18	14.86		4.40	19.26
			24	14.80		4.40	19.20
			36	14.71		4.40	19.11
			48	13.10	13.0	4.40	17.50
			54	13.06		4.40	17.46
	5720	144	6	15.80	15.0	4.40	20.20
			9	15.78		4.40	20.18
			12	15.76		4.40	20.16
			18	15.66		4.40	20.06
			24	15.57		4.40	19.97
			36	15.51		4.40	19.91
			48	13.56	13.0	4.40	17.96
			54	13.52		4.40	17.92

802.11a Mode			Rate (Mbps)	MIMO Total Power (dBm) (CDD)	
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power
UNII 3	5745	149	6	15.63	15.0
			9	15.56	
			12	15.56	
			18	15.47	
			24	15.42	
			36	14.97	
			48	13.45	13.0
			54	13.47	
	5785	157	6	16.03	15.0
			9	15.95	
			12	15.95	
			18	15.87	
			24	15.73	
			36	15.68	
			48	13.61	13.0
			54	13.52	
	5825	165	6	15.87	15.0
			9	15.84	
			12	15.84	
			18	15.78	
			24	15.73	
			36	15.59	
			48	13.62	13.0
			54	13.57	

802.11n(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 1	5180	36	0	15.80	15.0	3.77	19.57
			1	15.76		3.77	19.53
			2	15.78		3.77	19.55
			3	15.59		3.77	19.36
			4	15.55		3.77	19.32
			5	15.46		3.77	19.23
			6	13.39	13.0	3.77	17.16
			7	13.38		3.77	17.15
	5200	40	0	15.43	15.0	3.77	19.20
			1	15.40		3.77	19.17
			2	15.37		3.77	19.14
			3	15.23		3.77	19.01
			4	15.21		3.77	18.98
			5	15.17		3.77	18.94
			6	13.04	13.0	3.77	16.81
			7	12.90		3.77	16.67
	5240	48	0	15.94	15.0	3.77	19.71
			1	15.90		3.77	19.67
			2	15.91		3.77	19.68
			3	15.70		3.77	19.47
			4	15.68		3.77	19.45
			5	15.64		3.77	19.41
			6	13.54	13.0	3.77	17.31
			7	13.44		3.77	17.22

802.11n(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2A	5260	52	0	16.22	15.0	4.23	20.45
			1	16.21		4.23	20.43
			2	16.19		4.23	20.42
			3	16.04		4.23	20.27
			4	16.04		4.23	20.27
			5	15.95		4.23	20.18
			6	13.73	13.0	4.23	17.96
			7	13.63		4.23	17.86
	5300	60	0	16.42	15.0	4.23	20.65
			1	16.40		4.23	20.62
			2	16.35		4.23	20.58
			3	16.21		4.23	20.44
			4	16.11		4.23	20.34
			5	16.03		4.23	20.26
			6	13.85	13.0	4.23	18.08
			7	13.78		4.23	18.01
	5320	64	0	16.40	15.0	4.23	20.63
			1	16.38		4.23	20.61
			2	16.16		4.23	20.38
			3	16.09		4.23	20.32
			4	16.00		4.23	20.23
			5	15.99		4.23	20.22
			6	13.89	13.0	4.23	18.12
			7	13.80		4.23	18.03

802.11n(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2C	5500	100	0	15.64	15.0	4.40	20.04
			1	15.61		4.40	20.01
			2	15.55		4.40	19.95
			3	15.42		4.40	19.82
			4	15.37		4.40	19.77
			5	15.28		4.40	19.68
			6	13.26	13.0	4.40	17.66
			7	13.08		4.40	17.48
	5580	116	0	15.34	15.0	4.40	19.74
			1	15.32		4.40	19.72
			2	15.29		4.40	19.69
			3	15.10		4.40	19.50
			4	15.03		4.40	19.43
			5	15.06		4.40	19.46
			6	12.95	13.0	4.40	17.35
			7	12.88		4.40	17.28
	5720	144	0	16.18	15.0	4.40	20.58
			1	16.14		4.40	20.54
			2	16.09		4.40	20.50
			3	15.80		4.40	20.20
			4	15.85		4.40	20.25
			5	15.71		4.40	20.11
			6	13.64	13.0	4.40	18.04
			7	13.68		4.40	18.08

802.11n(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)	
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power
UNII 3	5745	149	0	15.90	15.0
			1	15.88	
			2	15.89	
			3	15.69	
			4	15.58	
			5	15.48	
			6	13.71	13.0
			7	13.68	
	5785	157	0	15.74	15.0
			1	15.69	
			2	15.65	
			3	15.53	
			4	15.68	
			5	15.59	
			6	13.55	13.0
			7	13.43	
	5825	165	0	15.49	15.0
			1	15.45	
			2	15.36	
			3	15.31	
			4	15.21	
			5	15.18	
			6	13.32	13.0
			7	13.31	

802.11n(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 1	5190	38	0	15.43	15.0	3.77	19.20
			1	15.39		3.77	19.16
			2	15.34		3.77	19.11
			3	15.24		3.77	19.01
			4	15.20		3.77	18.97
			5	15.17		3.77	18.94
			6	13.12	13.0	3.77	16.89
			7	12.95		3.77	16.72
	5230	46	0	16.16	15.0	3.77	19.93
			1	16.07		3.77	19.84
			2	16.04		3.77	19.81
			3	15.91		3.77	19.68
			4	15.85		3.77	19.62
			5	15.72		3.77	19.49
			6	13.60	13.0	3.77	17.37
			7	13.49		3.77	17.26

802.11n(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2A	5270	54	0	16.04	15.0	4.23	20.27
			1	16.01		4.23	20.24
			2	15.98		4.23	20.21
			3	15.83		4.23	20.06
			4	15.75		4.23	19.97
			5	15.64		4.23	19.87
			6	13.46	13.0	4.23	17.69
			7	13.30		4.23	17.52
	5310	62	0	16.12	15.0	4.23	20.34
			1	16.56		4.23	20.79
			2	16.01		4.23	20.24
			3	16.32		4.23	20.55
			4	16.26		4.23	20.49
			5	16.18		4.23	20.41
			6	13.53	13.0	4.23	17.76
			7	13.52		4.23	17.75

802.11n(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2C	5510	102	0	15.31	15.0	4.40	19.71
			1	15.25		4.40	19.65
			2	15.25		4.40	19.65
			3	15.09		4.40	19.49
			4	15.03		4.40	19.43
			5	14.97		4.40	19.37
			6	13.03	13.0	4.40	17.43
			7	12.97		4.40	17.37
	5550	110	0	15.06	15.0	4.40	19.46
			1	15.04		4.40	19.44
			2	15.02		4.40	19.42
			3	14.92		4.40	19.32
			4	14.79		4.40	19.19
			5	14.71		4.40	19.11
			6	12.78	13.0	4.40	17.18
			7	12.77		4.40	17.17
	5710	142	0	15.37	15.0	4.40	19.77
			1	15.37		4.40	19.77
			2	15.31		4.40	19.71
			3	15.57		4.40	19.97
			4	15.56		4.40	19.96
			5	15.45		4.40	19.85
			6	13.04	13.0	4.40	17.44
			7	13.00		4.40	17.40

802.11n(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)	
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power
UNII 3	5755	151	0	15.89	15.0
			1	15.84	
			2	15.78	
			3	15.64	
			4	15.59	
			5	15.53	
			6	13.45	13.0
			7	13.39	
	5795	159	0	15.84	15.0
			1	15.77	
			2	15.66	
			3	15.48	
			4	15.40	
			5	15.34	
			6	13.31	13.0
			7	13.29	

802.11ac(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 1	5180	36	0	15.73	15.0	3.77	19.50
			1	15.68		3.77	19.45
			2	15.70		3.77	19.47
			3	15.51		3.77	19.28
			4	15.48		3.77	19.25
			5	15.45		3.77	19.22
			6	13.90	13.0	3.77	17.68
			7	13.85		3.77	17.62
			8	12.18	12.0	3.77	15.96
	5200	40	0	15.87	15.0	3.77	19.64
			1	15.87		3.77	19.64
			2	15.82		3.77	19.59
			3	15.71		3.77	19.48
			4	15.64		3.77	19.42
			5	15.56		3.77	19.34
			6	14.04	13.0	3.77	17.81
			7	13.94		3.77	17.72
			8	12.41	12.0	3.77	16.18
	5240	48	0	16.11	15.0	3.77	19.89
			1	16.10		3.77	19.87
			2	16.10		3.77	19.87
			3	15.91		3.77	19.68
			4	15.88		3.77	19.66
			5	15.79		3.77	19.56
			6	13.85	13.0	3.77	17.62
			7	13.74		3.77	17.51
			8	12.74	12.0	3.77	16.51

802.11ac(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2A	5260	52	0	15.67	15.0	4.23	19.90
			1	15.65		4.23	19.88
			2	15.58		4.23	19.81
			3	15.47		4.23	19.70
			4	15.41		4.23	19.64
			5	15.36		4.23	19.59
			6	13.43	13.0	4.23	17.66
			7	13.39		4.23	17.61
			8	12.34	12.0	4.23	16.57
	5300	60	0	16.09	15.0	4.23	20.32
			1	16.07		4.23	20.29
			2	16.07		4.23	20.29
			3	16.44		4.23	20.67
			4	16.41		4.23	20.63
			5	16.31		4.23	20.54
			6	14.29	13.0	4.23	18.52
			7	14.22		4.23	18.45
			8	12.54	12.0	4.23	16.76
	5320	64	0	16.23	15.0	4.23	20.46
			1	16.20		4.23	20.43
			2	16.16		4.23	20.39
			3	16.04		4.23	20.27
			4	15.97		4.23	20.19
			5	15.96		4.23	20.18
			6	13.53	13.0	4.23	17.75
			7	13.51		4.23	17.74
			8	12.49	12.0	4.23	16.72

802.11ac(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2C	5500	100	0	15.54	15.0	4.40	19.94
			1	15.54		4.40	19.94
			2	15.51		4.40	19.91
			3	15.36		4.40	19.76
			4	15.28		4.40	19.68
			5	15.25		4.40	19.65
			6	13.63	13.0	4.40	18.03
			7	13.58		4.40	17.98
			8	12.03	12.0	4.40	16.43
	5580	116	0	15.44	15.0	4.40	19.84
			1	15.40		4.40	19.80
			2	15.44		4.40	19.84
			3	15.30		4.40	19.70
			4	15.25		4.40	19.65
			5	15.15		4.40	19.55
			6	14.05	13.0	4.40	18.45
			7	14.07		4.40	18.47
			8	11.93	12.0	4.40	16.33
	5720	144	0	15.88	15.0	4.40	20.28
			1	15.83		4.40	20.23
			2	15.77		4.40	20.17
			3	15.70		4.40	20.10
			4	15.63		4.40	20.03
			5	15.57		4.40	19.97
			6	13.51	13.0	4.40	17.91
			7	13.50		4.40	17.90
			8	12.52	12.0	4.40	16.92

802.11ac(20MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)	
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power
UNII 3	5745	149	0	15.67	15.0
			1	15.63	
			2	15.60	
			3	15.48	
			4	15.40	
			5	15.34	
			6	13.70	13.0
			7	13.70	
			8	12.76	12.0
	5785	157	0	15.38	15.0
			1	15.38	
			2	15.33	
			3	15.17	
			4	15.04	
			5	15.00	
			6	13.38	13.0
			7	13.29	
			8	12.27	12.0
	5825	165	0	15.28	15.0
			1	15.25	
			2	15.21	
			3	15.03	
			4	15.01	
			5	14.95	
			6	13.39	13.0
			7	13.34	
			8	11.80	12.0

802.11ac(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 1	5190	38	0	15.89	15.0	3.77	19.66
			1	15.86		3.77	19.63
			2	15.83		3.77	19.60
			3	15.67		3.77	19.44
			4	15.61		3.77	19.38
			5	15.56		3.77	19.33
			6	13.42	13.0	3.77	17.19
			7	13.40		3.77	17.17
			8	12.31	12.0	3.77	16.08
			9	12.12		3.77	15.89
	5230	46	0	16.18	15.0	3.77	19.95
			1	16.16		3.77	19.93
			2	16.13		3.77	19.91
			3	16.04		3.77	19.81
			4	15.89		3.77	19.67
			5	15.85		3.77	19.63
			6	13.75	13.0	3.77	17.52
			7	13.58		3.77	17.35
			8	12.55	12.0	3.77	16.32
			9	12.38		3.77	16.15

802.11ac(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2A	5270	54	0	16.01	15.0	4.23	20.24
			1	15.96		4.23	20.19
			2	15.89		4.23	20.12
			3	15.70		4.23	19.93
			4	15.72		4.23	19.95
			5	15.60		4.23	19.83
			6	13.47	13.0	4.23	17.70
			7	13.39		4.23	17.62
			8	12.29	12.0	4.23	16.52
			9	12.12		4.23	16.35
	5310	62	0	16.23	15.0	4.23	20.46
			1	16.11		4.23	20.33
			2	15.98		4.23	20.20
			3	15.79		4.23	20.01
			4	15.70		4.23	19.92
			5	15.62		4.23	19.84
			6	13.52	13.0	4.23	17.75
			7	13.42		4.23	17.65
			8	12.22	12.0	4.23	16.44
			9	12.16		4.23	16.38

802.11ac(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2C	5510	102	0	16.22	15.0	4.40	20.62
			1	16.14		4.40	20.54
			2	16.09		4.40	20.49
			3	15.95		4.40	20.35
			4	15.90		4.40	20.30
			5	15.87		4.40	20.27
			6	13.84	13.0	4.40	18.24
			7	13.80		4.40	18.20
			8	12.65	12.0	4.40	17.05
			9	12.56		4.40	16.96
	5550	110	0	16.02	15.0	4.40	20.42
			1	15.91		4.40	20.31
			2	15.89		4.40	20.29
			3	15.15		4.40	19.55
			4	15.13		4.40	19.53
			5	15.04		4.40	19.44
			6	13.58	13.0	4.40	17.98
			7	13.53		4.40	17.93
			8	12.46	12.0	4.40	16.86
			9	12.29		4.40	16.69
	5710	142	0	15.99	15.0	4.40	20.39
			1	15.99		4.40	20.39
			2	15.91		4.40	20.31
			3	15.86		4.40	20.26
			4	15.71		4.40	20.11
			5	15.66		4.40	20.06
			6	13.64	13.0	4.40	18.04
			7	13.58		4.40	17.98
			8	12.48	12.0	4.40	16.88
			9	12.34		4.40	16.74

802.11ac(40MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)	
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	target Power
UNII 3	5755	151	0	15.79	15.0
			1	15.71	
			2	15.74	
			3	15.53	
			4	15.48	
			5	15.41	
			6	13.96	13.0
			7	13.91	
			8	12.34	12.0
			9	12.24	
	5795	159	0	15.58	15.0
			1	15.52	
			2	15.45	
			3	15.28	
			4	15.25	
			5	15.23	
			6	13.18	13.0
			7	13.13	
			8	12.11	12.0
			9	12.07	

802.11ac(80MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 1	5210	42	0	14.83	15.0	3.77	18.60
			1	14.80		3.77	18.57
			2	14.73		3.77	18.50
			3	14.62		3.77	18.39
			4	14.55		3.77	18.32
			5	14.48		3.77	18.25
			6	12.46	13.0	3.77	16.23
			7	12.39		3.77	16.16
			8	11.29	12.0	3.77	15.06
			9	11.19		3.77	14.96

802.11ac(80MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2A	5290	58	0	16.06	15.0	4.23	20.29
			1	16.05		4.23	20.28
			2	15.96		4.23	20.19
			3	15.92		4.23	20.15
			4	15.85		4.23	20.08
			5	15.80		4.23	20.03
			6	13.72	13.0	4.23	17.95
			7	13.70		4.23	17.93
			8	12.66	12.0	4.23	16.89
			9	12.65		4.23	16.88

802.11ac(80MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)			
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power	Peak Ant Gain (dBi)	E.I.R.P (dBm)
UNII 2C	5530	106	0	15.93	15.0	4.40	20.33
			1	15.79		4.40	20.19
			2	15.70		4.40	20.10
			3	15.66		4.40	20.06
			4	15.56		4.40	19.96
			5	15.51		4.40	19.91
			6	13.39	13.0	4.40	17.79
			7	13.39		4.40	17.79
			8	12.46	12.0	4.40	16.86
			9	12.39		4.40	16.79
	5690	138	0	15.89	15.0	4.40	20.29
			1	15.77		4.40	20.17
			2	15.72		4.40	20.12
			3	15.61		4.40	20.01
			4	15.50		4.40	19.90
			5	15.50		4.40	19.90
			6	13.37	13.0	4.40	17.77
			7	13.35		4.40	17.75
			8	12.50	12.0	4.40	16.90
			9	12.52		4.40	16.92

802.11ac(80MHz) Mode			MCS Index	MIMO Total Power (dBm) (CDD)	
Band	Frequency [MHz]	Channel No.		SUM Power (dBm)	Target Power
UNII 3	5775	155	0	15.74	15.0
			1	15.70	
			2	15.58	
			3	15.47	
			4	15.40	
			5	15.22	
			6	13.07	13.0
			7	13.02	
			8	12.03	12.0
			9	12.01	

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	1.758	2.388	5.095	11 dBm/MHz
5200	40		2.277	2.031	5.166	
5240	48		1.648	1.464	4.567	
5260	52		1.717	1.951	4.846	
5300	60		2.017	2.085	5.061	
5320	64		1.596	2.042	4.835	
5500	100		2.604	1.312	5.016	
5580	116		2.099	0.853	4.531	
5720	144		2.560	1.577	5.107	
5745	149		-0.616	-0.956	2.228	30 dBm/500kHz
5785	157		-0.279	-0.580	2.583	
5825	165		-0.330	-1.402	2.177	

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5180	36	802.11n(20MHz)	2.341	2.094	5.230	11 dBm/MHz
5200	40		1.955	1.992	4.984	
5240	48		2.619	2.683	5.661	
5260	52		1.516	2.376	4.978	
5300	60		2.107	2.264	5.197	
5320	64		2.722	2.222	5.489	
5500	100		2.389	1.031	4.773	
5580	116		1.897	0.752	4.372	
5720	144		2.852	1.926	5.424	
5745	149		0.083	-1.097	2.543	30 dBm/500kHz
5785	157		-0.363	-1.605	2.071	
5825	165		-1.384	-1.320	1.658	

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5190	38	802.11n(40MHz)	-0.844	-0.782	2.197	11 dBm/MHz
5230	46		-0.071	-0.002	2.974	
5270	54		-0.467	-0.253	2.652	
5310	62		-0.320	-0.448	2.627	
5510	102		-0.157	-1.651	2.170	
5500	110		-0.407	-1.402	2.134	
5710	142		-0.111	-0.920	2.514	
5755	151		-2.565	-3.718	-0.093	30 dBm /500kHz
5795	159		-2.539	-4.555	-0.421	

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5180	36	802.11ac(20MHz)	1.564	1.420	4.503	11 dBm/MHz
5200	40		2.123	1.946	5.046	
5240	48		1.727	1.513	4.632	
5260	52		1.720	1.410	4.578	
5300	60		2.025	2.087	5.066	
5320	64		1.753	2.180	4.982	
5500	100		1.619	1.648	4.644	
5580	116		1.752	1.183	4.487	
5720	144		2.778	1.450	5.175	
5745	149		-1.189	-1.648	1.598	30 dBm/ 500kHz
5785	157		-1.949	-2.144	0.965	
5825	165		-2.126	-2.024	0.936	

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5190	38	802.11ac(40MHz)	-0.146	-0.640	2.624	11 dBm/MHz
5230	46		0.330	-0.200	3.083	
5270	54		0.442	-0.210	3.139	
5310	62		0.529	-0.197	3.191	
5510	102		0.618	-0.080	3.293	
5500	110		0.175	-1.057	2.613	
5710	142		0.346	-0.309	3.041	
5755	151		-2.249	-3.602	0.137	30 dBm/ 500kHz
5795	159		-2.990	-4.375	-0.617	

Frequency (MHz)	Channel No.	Mode	Test Result			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit (dBm)
5210	42	802.11ac(80MHz)	-5.100	-4.628	-1.847	11 dBm/MHz
5290	58		-3.883	-3.868	-0.865	
5530	106		-3.361	-4.303	-0.796	
5690	138		-3.377	-3.736	-0.542	
5775	155		-6.184	-7.400	-3.739	30 dBm/500kHz

IC

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit
5180	36	802.11a	1.808	3.808	8.865	10 dBm/MHz (e.i.r.p)
5200	40		2.538	3.451	9.046	
5240	48		1.698	2.884	8.337	

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit
5180	36	802.11n(20MHz)	2.391	3.514	9.000	10 dBm/MHz (e.i.r.p)
5200	40		2.005	3.412	8.754	
5240	48		2.669	4.103	9.431	

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit
5190	38	802.11n(40MHz)	-0.794	0.638	5.967	10 dBm/MHz (e.i.r.p)
5230	46		-0.021	1.418	6.744	

NOTE : Only UNII1 bands were calculated as EIRP.

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit
5180	36	802.11ac(20MHz)	1.614	2.840	8.273	10 dBm/MHz (e.i.r.p)
5200	40		2.173	3.366	8.816	
5240	48		1.777	2.933	8.402	

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit
5190	38	802.11ac(40MHz)	-0.096	0.780	6.394	10 dBm/MHz (e.i.r.p)
5230	46		0.380	1.220	6.853	

Frequency (MHz)	Channel No.	Mode	Test Result (dBm)			
			Ant 1	Ant 2	Ant 1 + Ant 2 MIMO	Limit
5210	42	802.11ac(80MHz)	-5.050	-3.208	1.923	10 dBm/MHz (e.i.r.p)

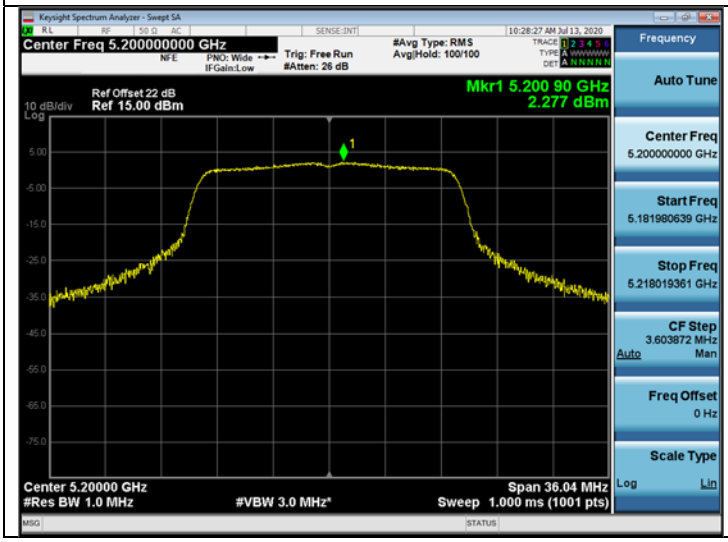
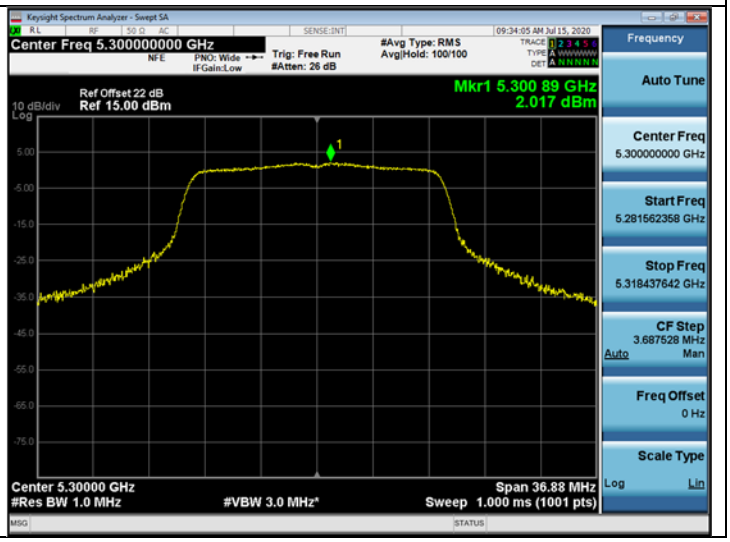
NOTE : Only UNII1 bands were calculated as EIRP.

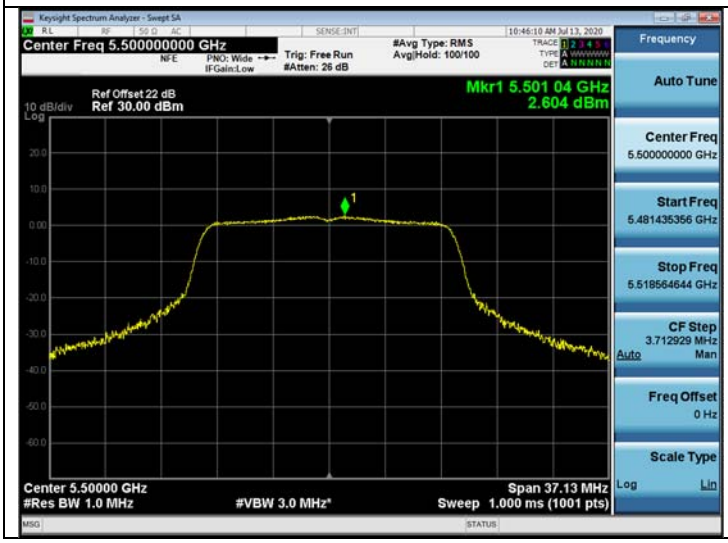
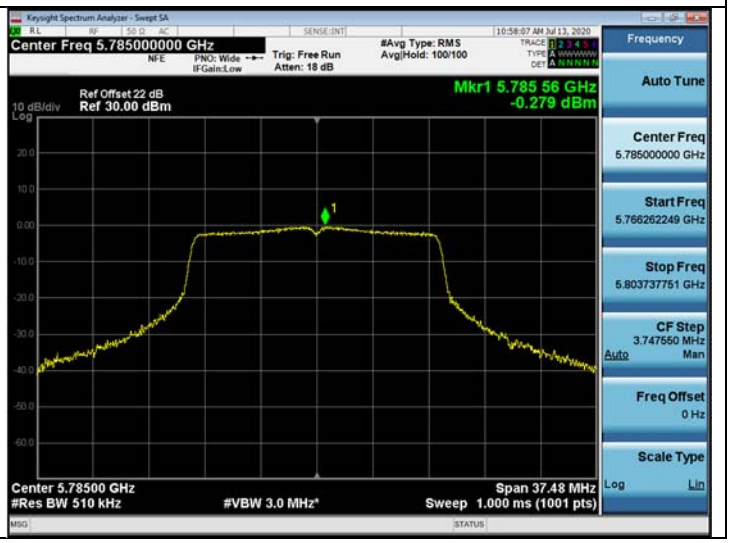
[Ant1]

▣ Test Plots(802.11a)

Note:

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

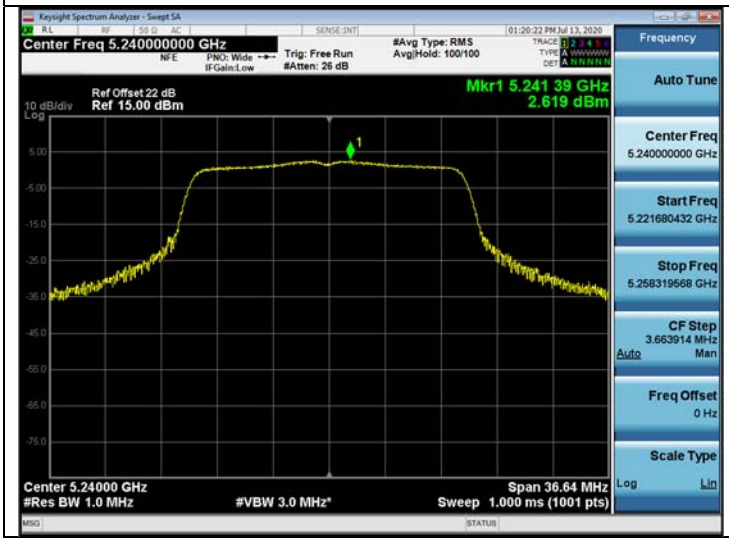
UNII 1 (Ch. 40)	UNII 2A (Ch. 60)
	

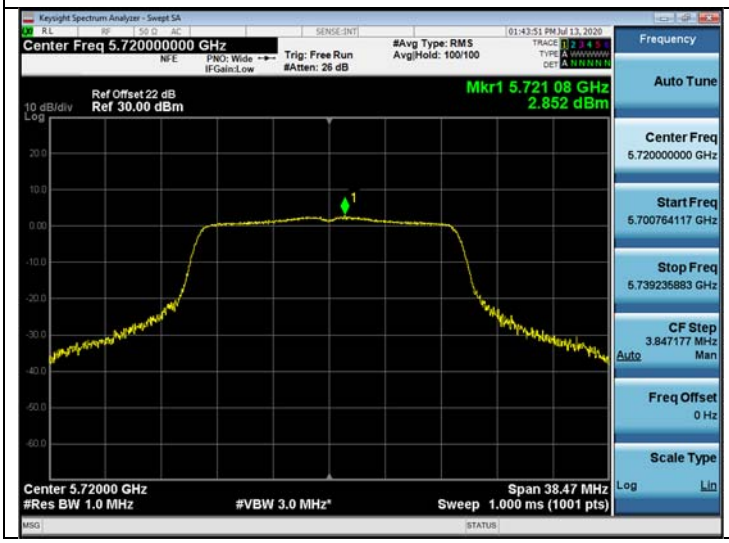
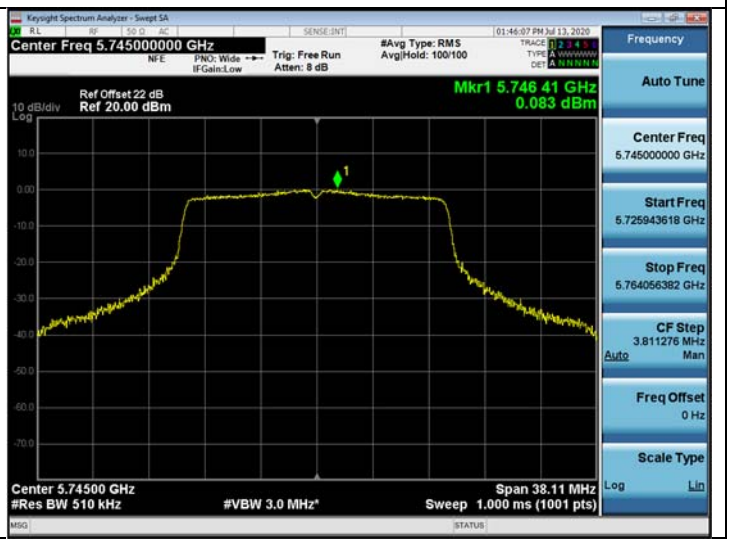
UNII 2C (Ch. 100)	UNII 3 (Ch. 157)
	

▣ Test Plots(802.11n(HT20))

Note:

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

UNII 1 (Ch. 48)	UNII 2A (Ch. 64)
	

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

▣ Test Plots(802.11n(HT40))

Note:

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

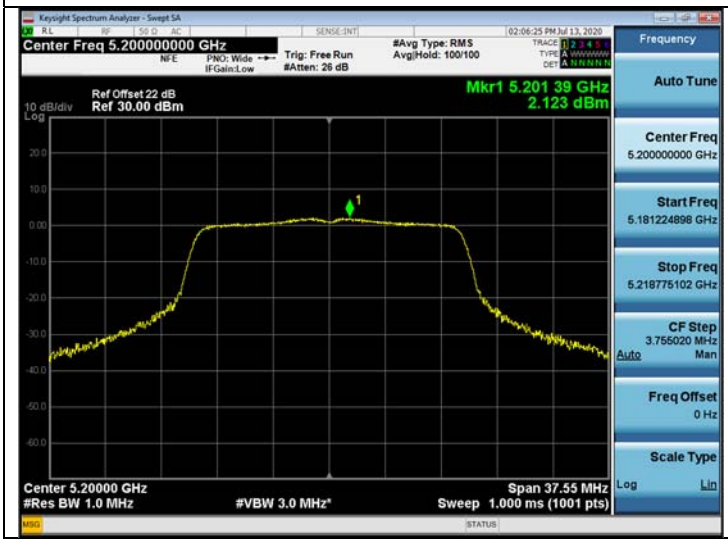
UNII 1 (Ch. 46)	UNII 2A (Ch. 62)
	

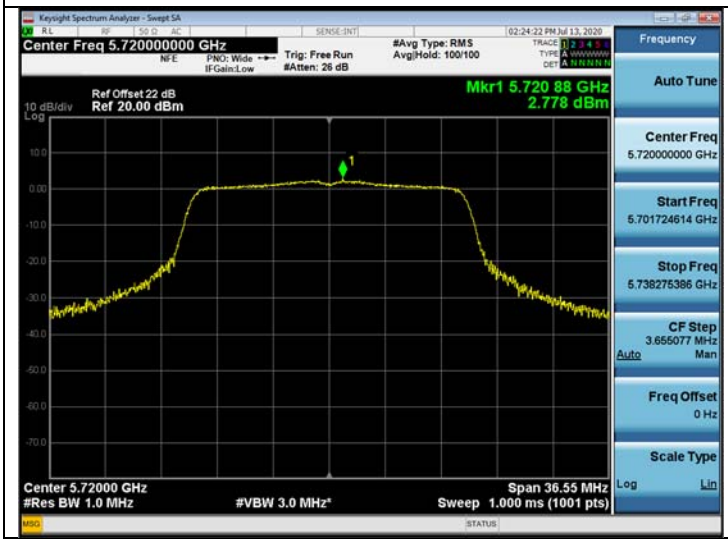
UNII 2C (Ch. 142)	UNII 3 (Ch. 159)
	

▣ Test Plots(802.11ac(VHT20))

Note:

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

UNII 1 (Ch. 40)	UNII 2A (Ch. 60)
	

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

▣ Test Plots(802.11ac(VHT40))

Note:

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

UNII 1 (Ch. 46)	UNII 2A (Ch. 62)
	

UNII 2C (Ch. 102)	UNII 3 (Ch. 151)
	

▣ Test Plots(802.11ac(VHT80))

Note:

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

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

UNII 2C (Ch. 106)	UNII 3 (Ch. 155)
	

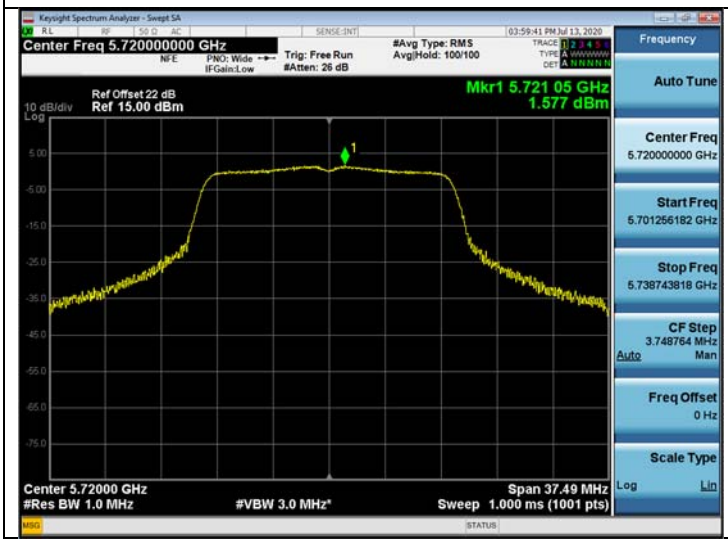
[Ant2]

▣ Test Plots(802.11a)

Note:

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

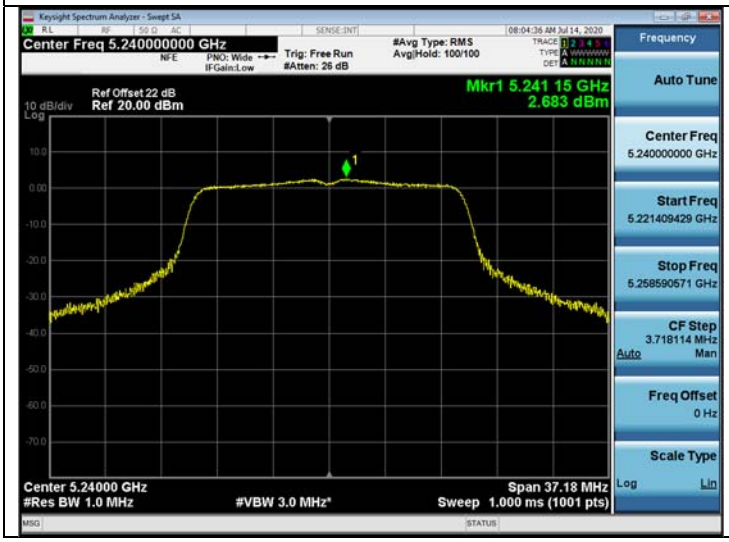
UNII 1 (Ch. 36)	UNII 2A (Ch. 60)
	

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

▣ Test Plots(802.11n(HT20))

Note:

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

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

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

▣ Test Plots(802.11n(HT40))

Note:

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

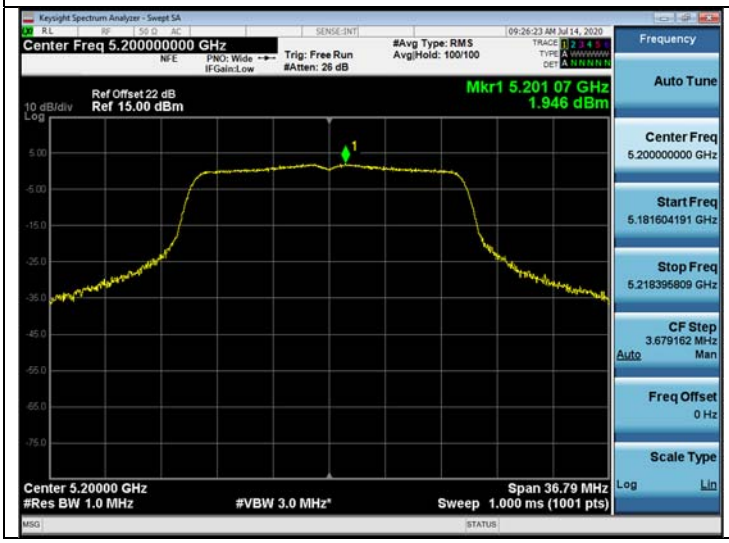
UNII 1 (Ch. 46)	UNII 2A (Ch. 54)
	

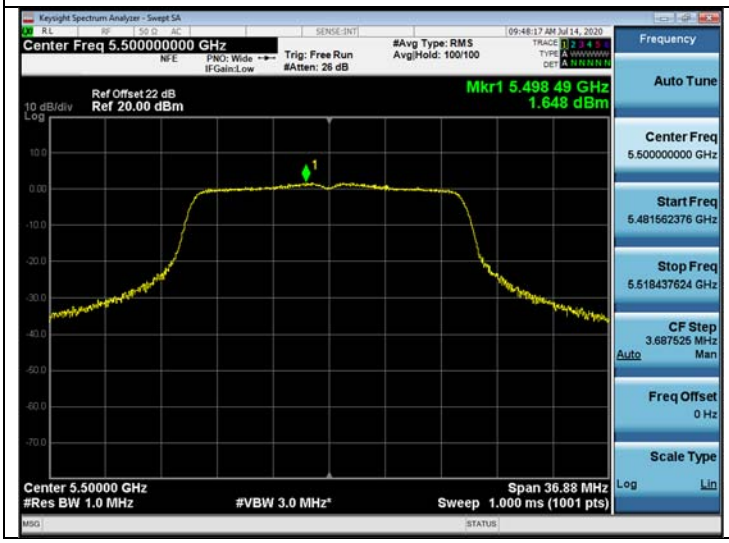
UNII 2C (Ch. 142)	UNII 3 (Ch. 151)
	

▣ Test Plots(802.11ac(VHT20))

Note:

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

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

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

▣ Test Plots(802.11ac(VHT40))

Note:

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

UNII 1 (Ch. 46)	UNII 2A (Ch. 62)
	

UNII 2C (Ch. 102)	UNII 3 (Ch. 151)
	

▣ Test Plots(802.11ac(VHT80))

Note:

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

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

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

10.5 FREQUENCY STABILITY.

10.5.1 80MHz BW

[ANT1]

Startup after the EUT is energized

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

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210031.50	31.50
100%		-30	5210013.70	13.70
100%		-20	5210094.07	94.07
100%		-10	5210025.06	25.06
100%		0	5210053.84	53.84
100%		+10	5210036.41	36.41
100%		+30	5210068.03	68.03
100%		+40	5210022.76	22.76
100%		+50	5210044.45	44.45
HIGH	3.60	+20	5210055.68	55.68
LOW	3.14	+20	5210057.07	57.07

Note:

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

OPERATING BAND:	UNII Band 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)	5290007.60	7.60
100%		-30	5290076.50	76.50
100%		-20	5290028.53	28.53
100%		-10	5290060.47	60.47
100%		0	5290098.71	98.71
100%		+10	5290019.94	19.94
100%		+30	5290013.43	13.43
100%		+40	5290020.70	20.7
100%		+50	5290055.17	55.17
HIGH	3.60	+20	5290033.90	33.90
LOW	3.14	+20	5290004.86	4.86

Note:

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

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)	5530047.79	47.79
100%		-30	5530045.30	45.30
100%		-20	5530075.85	75.85
100%		-10	5530005.36	5.36
100%		0	5530083.04	83.04
100%		+10	5530096.14	96.14
100%		+30	5530049.30	49.3
100%		+40	5530046.76	46.76
100%		+50	5530039.93	39.93
HIGH	3.60	+20	5530082.76	82.76
LOW	3.14	+20	5530011.53	11.53

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)	5775090.10	90.10
100%		-30	5775075.81	75.81
100%		-20	5775033.14	33.14
100%		-10	5775048.11	48.11
100%		0	5775002.56	2.56
100%		+10	5775050.03	50.03
100%		+30	5775045.42	45.42
100%		+40	5775034.92	34.92
100%		+50	5775017.88	17.88
HIGH	3.60	+20	5775073.18	73.18
LOW	3.14	+20	5775077.86	77.86

Note:

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

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)	5210071.82	71.82
100%		-30	5210071.02	71.02
100%		-20	5210040.52	40.52
100%		-10	5210050.64	50.64
100%		0	5210052.69	52.69
100%		+10	5210028.91	28.91
100%		+30	5210002.85	2.85
100%		+40	5210053.52	53.52
100%		+50	5210068.62	68.62
HIGH	3.60	+20	5210006.61	6.61
LOW	3.14	+20	5210074.71	74.71

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 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)	5290013.68	13.68
100%		-30	5290099.09	99.09
100%		-20	5290023.06	23.06
100%		-10	5290079.20	79.2
100%		0	5290060.35	60.35
100%		+10	5290096.79	96.79
100%		+30	5290070.33	70.33
100%		+40	5290055.19	55.19
100%		+50	5290099.70	99.70
HIGH	3.60	+20	5290082.72	82.72
LOW	3.14	+20	5290024.04	24.04

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)	5530008.99	8.99
100%		-30	5530086.04	86.04
100%		-20	5530008.55	8.55
100%		-10	5530016.56	16.56
100%		0	5530065.73	65.73
100%		+10	5530034.63	34.63
100%		+30	5530073.14	73.14
100%		+40	5530011.91	11.91
100%		+50	5530077.16	77.16
HIGH	3.60	+20	5530079.55	79.55
LOW	3.14	+20	5530074.65	74.65

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)	5775013.47	13.47
100%		-30	5775009.53	9.53
100%		-20	5775021.33	21.33
100%		-10	5775064.40	64.4
100%		0	5775003.14	3.14
100%		+10	5775052.69	52.69
100%		+30	5775049.53	49.53
100%		+40	5775053.41	53.41
100%		+50	5775060.69	60.69
HIGH	3.60	+20	5775013.27	13.27
LOW	3.14	+20	5775008.43	8.43

Note:

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

5 minutes after the EUT is energized

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

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5210021.20	21.20
100%		-30	5210065.17	65.17
100%		-20	5210075.58	75.58
100%		-10	5210054.55	54.55
100%		0	5210008.07	8.07
100%		+10	5210084.13	84.13
100%		+30	5210085.79	85.79
100%		+40	5210059.43	59.43
100%		+50	5210042.79	42.79
HIGH	3.60	+20	5210018.20	18.20
LOW	3.14	+20	5210028.52	28.52

Note:

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

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

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290008.44	8.44
100%		-30	5290040.21	40.21
100%		-20	5290068.10	68.1
100%		-10	5290025.90	25.9
100%		0	5290040.11	40.11
100%		+10	5290067.89	67.89
100%		+30	5290018.46	18.46
100%		+40	5290090.79	90.79
100%		+50	5290017.67	17.67
HIGH	3.60	+20	5290002.90	2.90
LOW	3.14	+20	5290069.90	69.9

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)	5530074.15	74.15
100%		-30	5530040.80	40.80
100%		-20	5530022.40	22.4
100%		-10	5530001.85	1.85
100%		0	5530018.15	18.15
100%		+10	5530070.65	70.65
100%		+30	5530074.72	74.72
100%		+40	5530019.87	19.87
100%		+50	5530085.03	85.03
HIGH	3.60	+20	5530037.18	37.18
LOW	3.14	+20	5530014.21	14.21

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)	5775084.92	84.92
100%		-30	5775096.84	96.84
100%		-20	5775068.15	68.15
100%		-10	5775052.75	52.75
100%		0	5775044.03	44.03
100%		+10	5775040.86	40.86
100%		+30	5775007.17	7.17
100%		+40	5775042.59	42.59
100%		+50	5775094.99	94.99
HIGH	3.60	+20	5775052.20	52.20
LOW	3.14	+20	5775085.61	85.61

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.

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)	5210086.49	86.49
100%		-30	5210086.83	86.83
100%		-20	5210011.70	11.70
100%		-10	5210036.10	36.10
100%		0	5210066.54	66.54
100%		+10	5210040.38	40.38
100%		+30	5210085.88	85.88
100%		+40	5210010.08	10.08
100%		+50	5210051.49	51.49
HIGH	3.60	+20	5210067.63	67.63
LOW	3.14	+20	5210072.47	72.47

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 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)	5290030.54	30.54
100%		-30	5290078.77	78.77
100%		-20	5290014.27	14.27
100%		-10	5290084.87	84.87
100%		0	5290002.97	2.97
100%		+10	5290020.30	20.3
100%		+30	5290071.66	71.66
100%		+40	5290072.36	72.36
100%		+50	5290086.75	86.75
HIGH	3.60	+20	5290019.87	19.87
LOW	3.14	+20	5290040.10	40.1

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)	5530034.77	34.77
100%		-30	5530053.36	53.36
100%		-20	5530049.80	49.8
100%		-10	5530049.57	49.57
100%		0	5530088.37	88.37
100%		+10	5530096.19	96.19
100%		+30	5530086.02	86.02
100%		+40	5530094.54	94.54
100%		+50	5530008.96	8.96
HIGH	3.60	+20	5530007.53	7.53
LOW	3.14	+20	5530041.68	41.68

Note:

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

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

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5775078.55	78.55
100%		-30	5775077.70	77.70
100%		-20	5775023.14	23.14
100%		-10	5775088.60	88.6
100%		0	5775026.73	26.73
100%		+10	5775008.93	8.93
100%		+30	5775034.59	34.59
100%		+40	5775042.22	42.22
100%		+50	5775061.96	61.96
HIGH	3.60	+20	5775079.84	79.84
LOW	3.14	+20	5775012.91	12.91

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.

[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)	5210060.84	60.84
100%		-30	5210051.20	51.20
100%		-20	5210027.18	27.18
100%		-10	5210005.48	5.48
100%		0	5210038.76	38.76
100%		+10	5210049.50	49.50
100%		+30	5210041.26	41.26
100%		+40	5210043.65	43.65
100%		+50	5210094.50	94.50
HIGH	3.60	+20	5210027.89	27.89
LOW	3.14	+20	5210060.67	60.67

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)	5290046.72	46.72
100%		-30	5290018.99	18.99
100%		-20	5290050.02	50.02
100%		-10	5290073.65	73.65
100%		0	5290061.22	61.22
100%		+10	5290046.19	46.19
100%		+30	5290005.87	5.87
100%		+40	5290049.22	49.22
100%		+50	5290058.48	58.48
HIGH	3.60	+20	5290071.16	71.16
LOW	3.14	+20	5290055.04	55.04

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)	5530013.67	13.67
100%		-30	5530007.78	7.78
100%		-20	5530052.45	52.45
100%		-10	5530086.40	86.4
100%		0	5530071.28	71.28
100%		+10	5530062.33	62.33
100%		+30	5530084.06	84.06
100%		+40	5530061.53	61.53
100%		+50	5530019.12	19.12
HIGH	3.60	+20	5530031.27	31.27
LOW	3.14	+20	5530097.26	97.26

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)	5775087.29	87.29
100%		-30	5775039.64	39.64
100%		-20	5775004.93	4.93
100%		-10	5775063.10	63.1
100%		0	5775095.31	95.31
100%		+10	5775034.36	34.36
100%		+30	5775015.44	15.44
100%		+40	5775040.97	40.97
100%		+50	5775086.78	86.78
HIGH	3.60	+20	5775036.54	36.54
LOW	3.14	+20	5775066.43	66.43

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.

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)	5210093.04	93.04
100%		-30	5210069.36	69.36
100%		-20	5210073.18	73.18
100%		-10	5210093.91	93.91
100%		0	5210042.36	42.36
100%		+10	5210045.70	45.70
100%		+30	5210057.74	57.74
100%		+40	5210001.21	1.21
100%		+50	5210006.17	6.17
HIGH	3.60	+20	5210096.97	96.97
LOW	3.14	+20	5210092.66	92.66

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)	5290091.55	91.55
100%		-30	5290077.32	77.32
100%		-20	5290070.17	70.17
100%		-10	5290027.86	27.86
100%		0	5290080.09	80.09
100%		+10	5290025.49	25.49
100%		+30	5290097.58	97.58
100%		+40	5290067.43	67.43
100%		+50	5290012.33	12.33
HIGH	3.60	+20	5290015.77	15.77
LOW	3.14	+20	5290094.79	94.79

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)	5530008.85	8.85
100%		-30	5530010.34	10.34
100%		-20	5530042.37	42.37
100%		-10	5530063.24	63.24
100%		0	5530076.05	76.05
100%		+10	5530062.46	62.46
100%		+30	5530096.94	96.94
100%		+40	5530088.41	88.41
100%		+50	5530033.11	33.11
HIGH	3.60	+20	5530058.54	58.54
LOW	3.14	+20	5530008.20	8.2

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)	5775024.16	24.16
100%		-30	5775028.79	28.79
100%		-20	5775093.10	93.1
100%		-10	5775079.54	79.54
100%		0	5775074.79	74.79
100%		+10	5775073.83	73.83
100%		+30	5775091.47	91.47
100%		+40	5775084.21	84.21
100%		+50	5775054.14	54.14
HIGH	3.60	+20	5775097.71	97.71
LOW	3.14	+20	5775055.83	55.83

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.

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)	5210075.43	75.43
100%		-30	5210054.21	54.21
100%		-20	5210078.28	78.28
100%		-10	5210091.05	91.05
100%		0	5210081.26	81.26
100%		+10	5210028.99	28.99
100%		+30	5210076.40	76.40
100%		+40	5210037.92	37.92
100%		+50	5210063.64	63.64
HIGH	3.60	+20	5210057.91	57.91
LOW	3.14	+20	5210031.86	31.86

Note:

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

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

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5290059.46	59.46
100%		-30	5290008.23	8.23
100%		-20	5290084.19	84.19
100%		-10	5290076.97	76.97
100%		0	5290053.59	53.59
100%		+10	5290033.83	33.83
100%		+30	5290065.52	65.52
100%		+40	5290049.63	49.63
100%		+50	5290053.85	53.85
HIGH	3.60	+20	5290086.91	86.91
LOW	3.14	+20	5290091.99	91.99

Note:

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

OPERATING BAND: UNII Band 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)	5530093.76	93.76
100%		-30	5530095.19	95.19
100%		-20	5530039.83	39.83
100%		-10	5530098.33	98.33
100%		0	5530066.43	66.43
100%		+10	5530029.92	29.92
100%		+30	5530085.02	85.02
100%		+40	5530075.30	75.3
100%		+50	5530041.04	41.04
HIGH	3.60	+20	5530040.24	40.24
LOW	3.14	+20	5530043.48	43.48

Note:

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

OPERATING BAND: UNII Band 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)	5775079.02	79.02
100%		-30	5775057.02	57.02
100%		-20	5775096.65	96.65
100%		-10	5775055.03	55.03
100%		0	5775041.84	41.84
100%		+10	5775086.81	86.81
100%		+30	5775027.02	27.02
100%		+40	5775041.14	41.14
100%		+50	5775028.54	28.54
HIGH	3.60	+20	5775032.47	32.47
LOW	3.14	+20	5775026.41	26.41

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)	5210050.44	50.44
100%		-30	5210052.79	52.79
100%		-20	5210092.07	92.07
100%		-10	5210012.16	12.16
100%		0	5210084.92	84.92
100%		+10	5210091.12	91.12
100%		+30	5210079.28	79.28
100%		+40	5210054.51	54.51
100%		+50	5210055.60	55.60
HIGH	3.60	+20	5210097.97	97.97
LOW	3.14	+20	5210069.15	69.15

Note:

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

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)	5290068.02	68.02
100%		-30	5290089.27	89.27
100%		-20	5290060.85	60.85
100%		-10	5290023.68	23.68
100%		0	5290068.45	68.45
100%		+10	5290027.05	27.05
100%		+30	5290045.56	45.56
100%		+40	5290063.05	63.05
100%		+50	5290097.71	97.71
HIGH	3.60	+20	5290030.70	30.70
LOW	3.14	+20	5290007.25	7.25

Note:

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

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.30 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.30	+20(Ref)	5530079.84	79.84
100%		-30	5530097.30	97.30
100%		-20	5530005.02	5.02
100%		-10	5530066.53	66.53
100%		0	5530002.67	2.67
100%		+10	5530095.85	95.85
100%		+30	5530043.08	43.08
100%		+40	5530032.71	32.71
100%		+50	5530060.32	60.32
HIGH	3.60	+20	5530056.43	56.43
LOW	3.14	+20	5530020.84	20.84

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)	5775002.26	2.26
100%		-30	5775007.89	7.89
100%		-20	5775086.50	86.5
100%		-10	5775021.08	21.08
100%		0	5775028.19	28.19
100%		+10	5775017.46	17.46
100%		+30	5775065.94	65.94
100%		+40	5775010.28	10.28
100%		+50	5775024.43	24.43
HIGH	3.60	+20	5775035.58	35.58
LOW	3.14	+20	5775017.88	17.88

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.

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	5708.60	16.40
802.11n(HT20)				5708.32	16.68
802.11ac(VHT20)				5707.84	17.16
802.11a	UNII 3	5720	144	5731.28	6.28
802.11n(HT20)				5731.84	6.84
802.11ac(VHT20)				5731.84	6.84

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5690.08	34.92
802.11ac(VHT40)				5690.00	35.00
802.11n(HT40)	UNII 3	5710	142	5730.00	5.00
802.11ac(VHT40)				5729.92	4.92

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5650.28	74.72
	UNII 3	5690	138	5729.60	4.60

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	5708.64	16.36
802.11n(HT20)				5708.52	16.48
802.11ac(VHT20)				5708.24	16.76
802.11a	UNII 3	5720	144	5731.56	6.56
802.11n(HT20)				5731.16	6.16
802.11ac(VHT20)				5731.92	6.92

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5690.40	34.60
802.11ac(VHT40)				5690.48	34.52
802.11n(HT40)	UNII 3	5710	142	5729.76	4.76
802.11ac(VHT40)				5729.76	4.76

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5650.40	74.60
	UNII 3	5690	138	5729.72	4.72

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	5728.24	3.24	> 0.5
802.11n(HT20)				5728.88	3.88	> 0.5
802.11ac(VHT20)				5728.88	3.88	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	UNII 3	5710	142	5727.92	2.92	> 0.5
802.11ac(VHT40)				5727.52	2.52	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5727.92	2.92	> 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	5728.28	3.28	> 0.5
802.11n(HT20)				5728.84	3.84	> 0.5
802.11ac(VHT20)				5728.84	3.84	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	UNII 3	5710	142	5727.60	2.60	> 0.5
802.11ac(VHT40)				5727.60	2.60	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5727.68	2.68	> 0.5

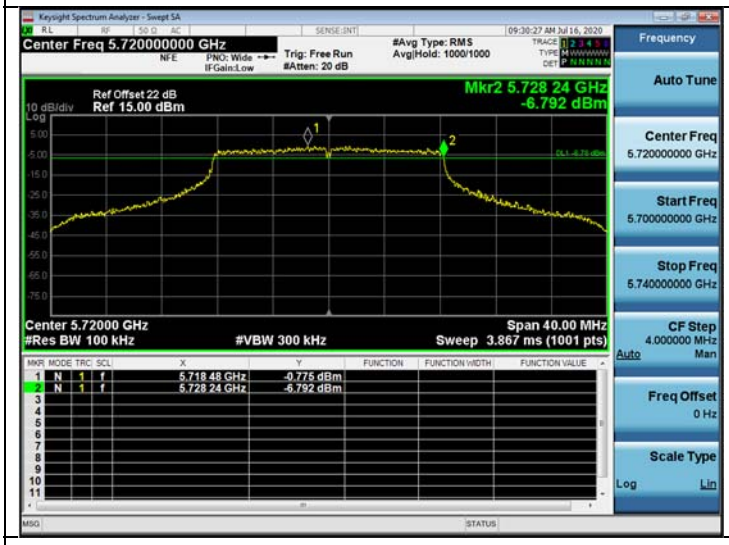
Note:

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

[ANT1]

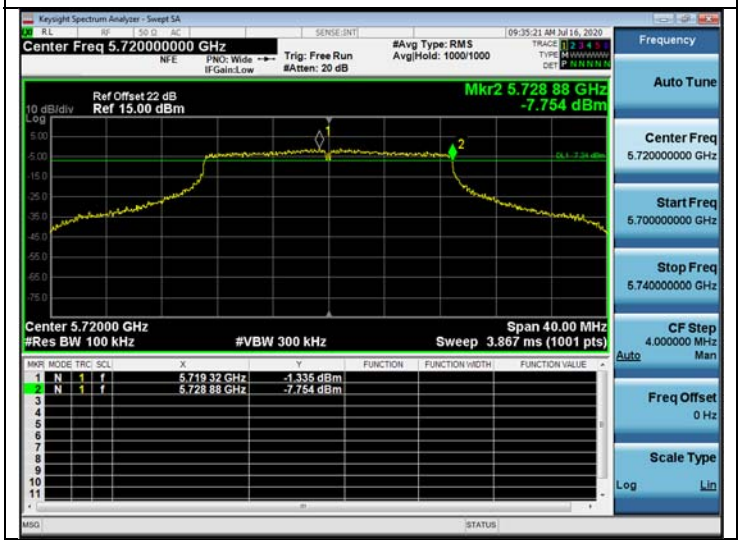
▣ Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144

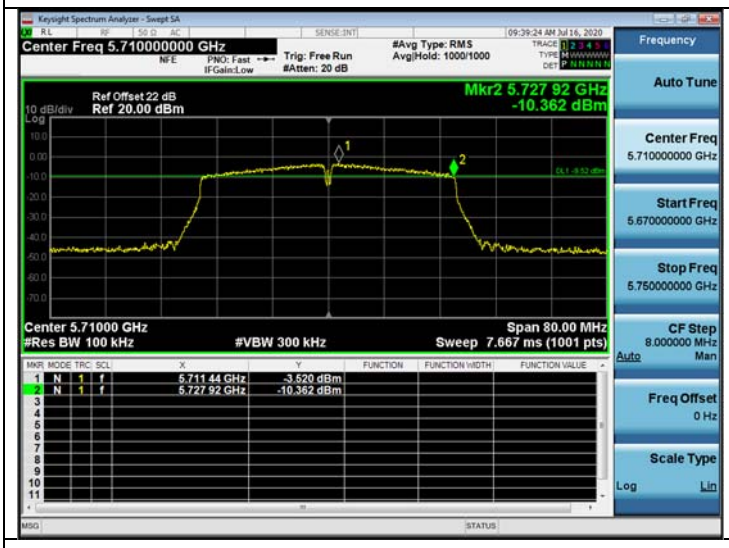


802.11n_HT20 CH.144

802.11ac_VHT20 CH.144

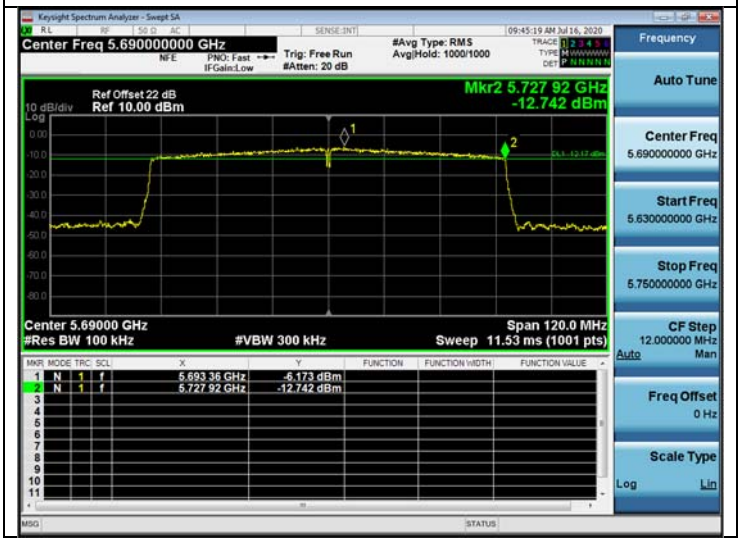


802.11n_HT40 CH.142



802.11ac_VHT40 CH.142

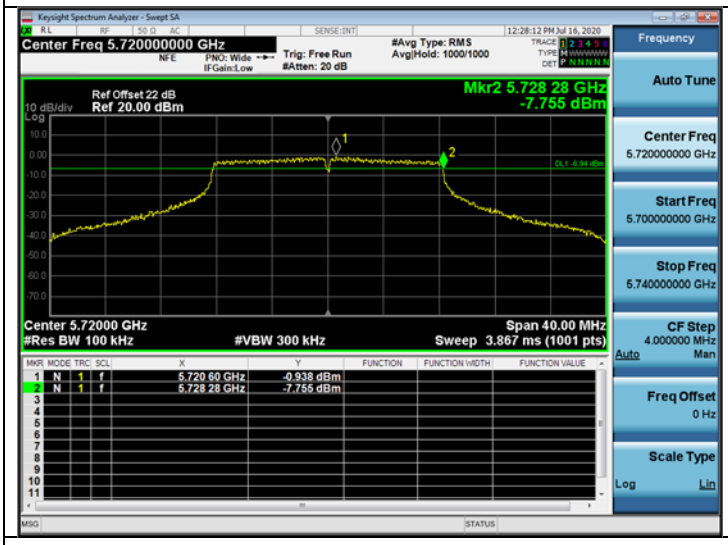
802.11ac_VHT80 CH.138



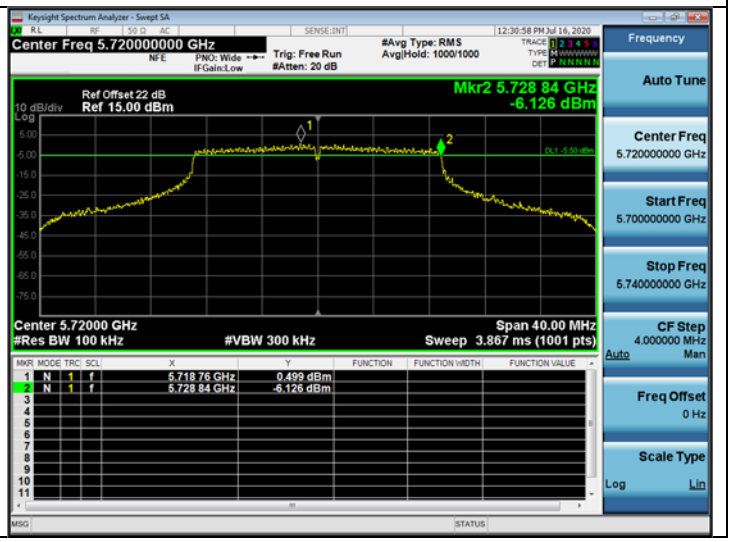
[ANT2]

▣ Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144

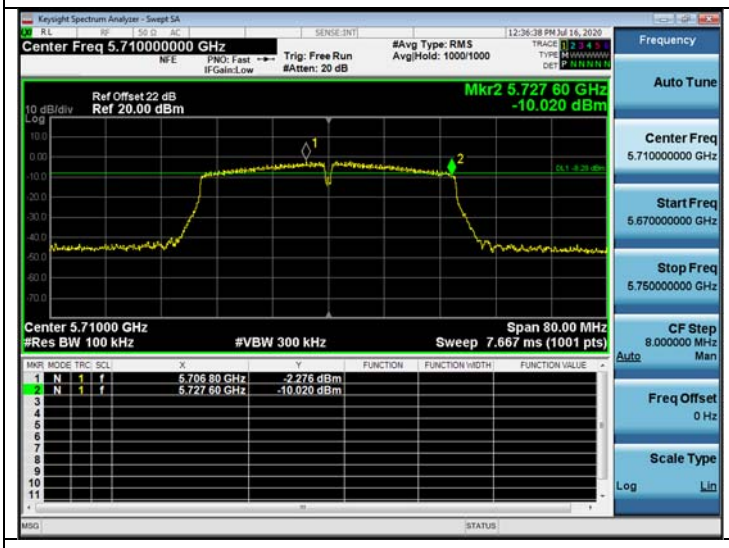


802.11n_HT20 CH.144



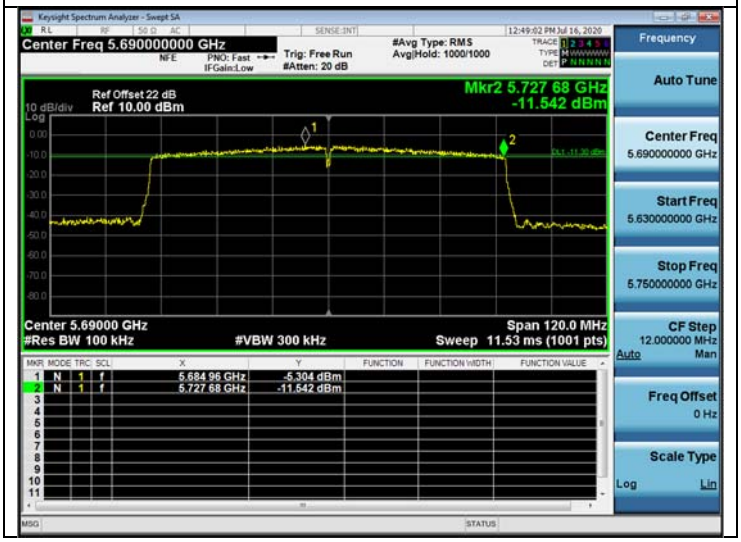
802.11ac_VHT20 CH.144

802.11n_HT40 CH.142



802.11ac_VHT40 CH.142

802.11ac_VHT80 CH.138



10.6.3 Output Power

[ANT1]

Mode	Frequency [MHz]	Channel	Total Power (dBm)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	11.11	23.15
802.11n(HT20)			11.67	23.22
802.11ac(VHT20)			11.01	23.35
802.11a	5720 (UNII 3 Band)	144	4.19	30.00
802.11n(HT20)			5.24	30.00
802.11ac(VHT20)			4.57	30.00

Mode	Frequency [MHz]	Channel	Total Power (dBm)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	11.64	23.98
802.11ac(VHT40)			12.27	23.98
802.11n(HT40)	5710 (UNII 3 Band)	142	-1.68	30.00
802.11ac(VHT40)			-1.04	30.00

Mode	Frequency [MHz]	Channel	Total Power (dBm)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	12.20	23.98
	5690 (UNII 3 Band)	138	-4.22	30.00

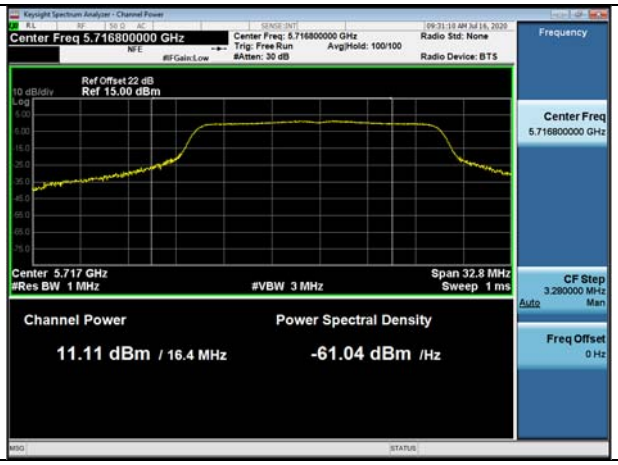
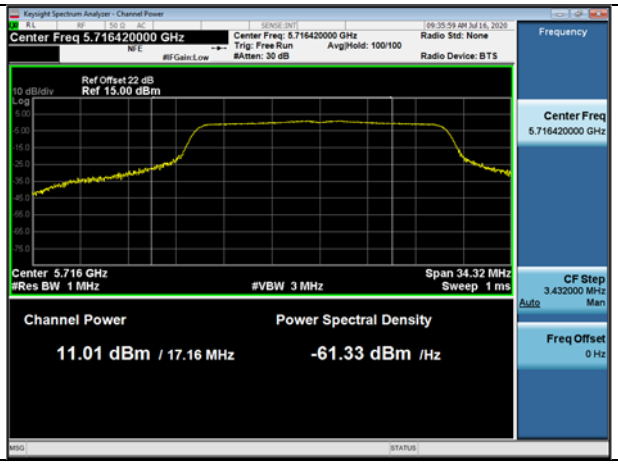
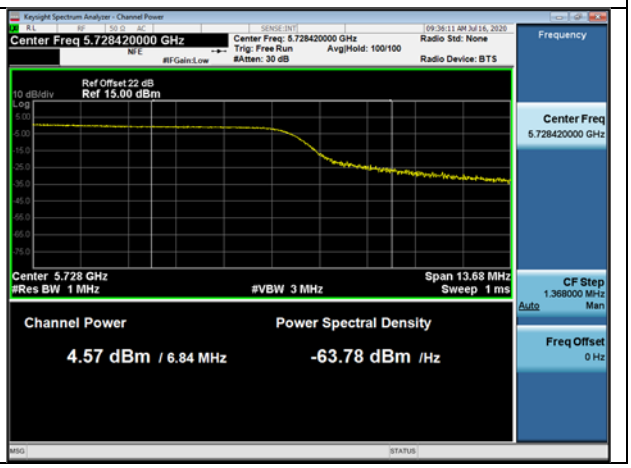
[ANT2]

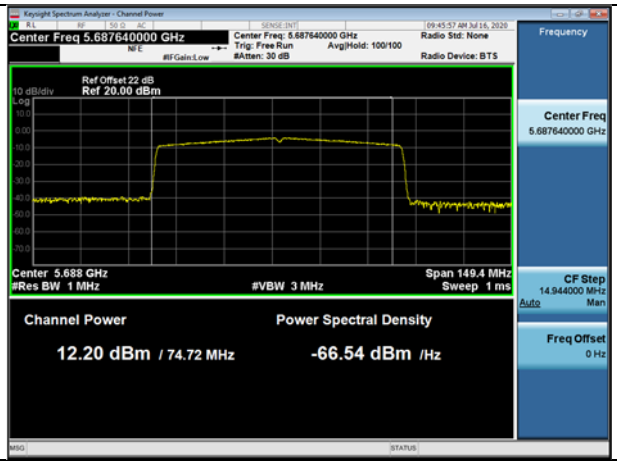
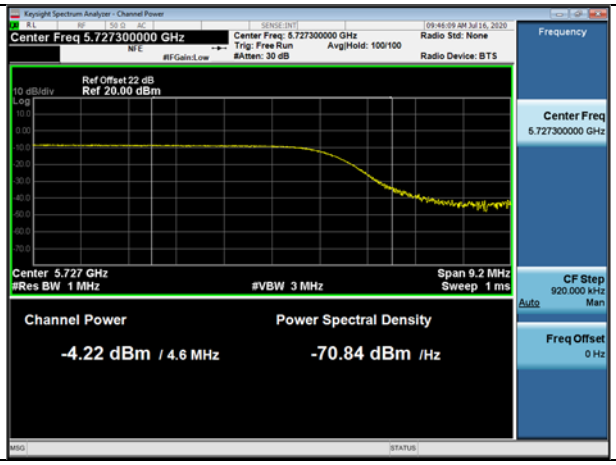
Mode	Frequency [MHz]	Channel	Total Power (dBm)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	11.02	23.14
802.11n(HT20)			11.49	23.17
802.11ac(VHT20)			11.02	23.24
802.11a	5720 (UNII 3 Band)	144	4.05	30.00
802.11n(HT20)			5.07	30.00
802.11ac(VHT20)			4.57	30.00

Mode	Frequency [MHz]	Channel	Total Power (dBm)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	11.86	23.98
802.11ac(VHT40)			12.08	23.98
802.11n(HT40)	5710 (UNII 3 Band)	142	-1.50	30.00
802.11ac(VHT40)			-1.29	30.00

Mode	Frequency [MHz]	Channel	Total Power (dBm)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	12.38	23.98
	5690 (UNII 3 Band)	138	-4.05	30.00

▣ Test Plots_**[ANT1]**

802.11a UNII 2C Band	802.11a UNII 3 Band
	
802.11n(HT20) UNII 2C Band	802.11n(HT20) UNII 3 Band
	
802.11ac(VHT20) UNII 2C Band	802.11ac(VHT20) UNII 3 Band
	

802.11n(HT40) UNII 2C Band	802.11n(HT40) UNII 3 Band
	
802.11ac(VHT40) UNII 2C Band	802.11ac(VHT40) UNII 3 Band
	
802.11ac(VHT80) UNII 2C Band	802.11ac(VHT80) UNII 3 Band
	

▣ Test Plots_[ANT2]

802.11a UNII 2C Band	802.11a UNII 3 Band
	
802.11n(HT20) UNII 2C Band	802.11n(HT20) UNII 3 Band
	
802.11ac(VHT20) UNII 2C Band	802.11ac(VHT20) UNII 3 Band