10.3 6DB BANDWIDTH

[Ant1]

802.11a Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	15.45	> 0.5	Pass
5785	157	15.47	> 0.5	Pass
5825	165	15.35	> 0.5	Pass

802.11n(HT20) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	15.58	> 0.5	Pass
5785	157	15.18	> 0.5	Pass
5825	165	15.17	> 0.5	Pass

802.11n(HT40) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5755	151	36.50	> 0.5	Pass
5795	159	36.42	> 0.5	Pass

802.11ac(VHT20) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	15.98	> 0.5	Pass
5785	157	15.61	> 0.5	Pass
5825	165	15.36	> 0.5	Pass

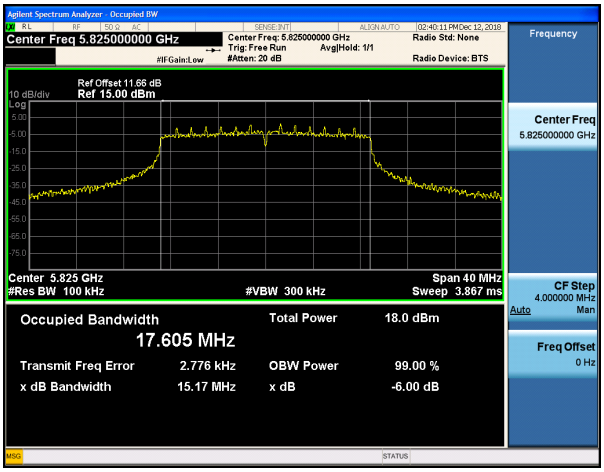
802.11ac(VHT40) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5755	151	35.78	> 0.5	Pass
5795	159	35.64	> 0.5	Pass

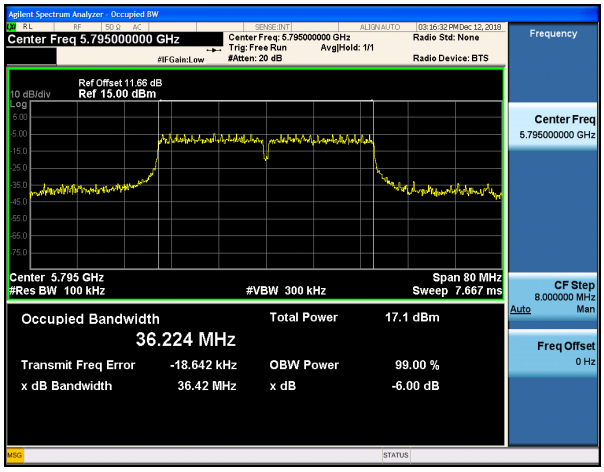
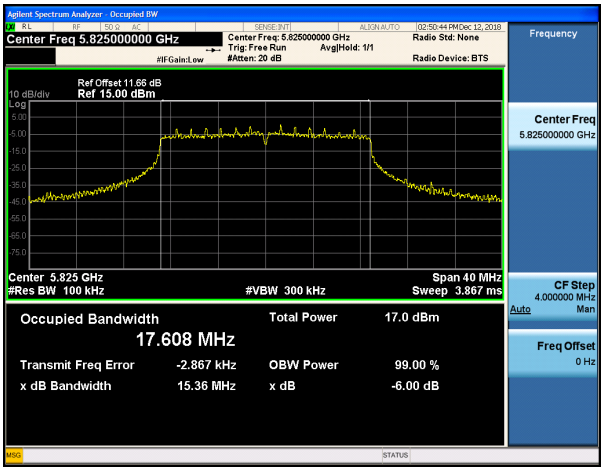
802.11ac(VHT80) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5775	155	76.50	> 0.5	Pass

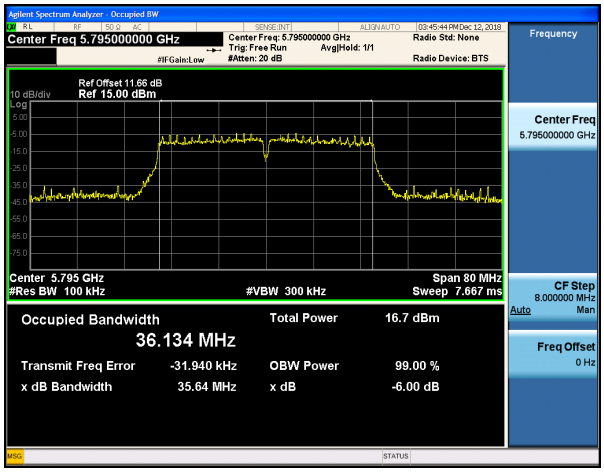
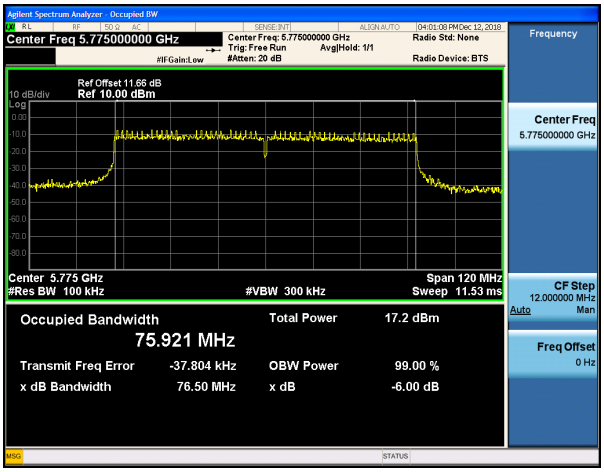
▣ Test Plots

Note:

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

802.11a (CH.165)	802.11n(HT20) (CH.165)
	

802.11n(HT40) (CH.159)	802.11ac(VHT20) (CH.165)
	

802.11ac(VHT40) (CH.159)	802.11ac(VHT80) (CH.155)
	

[Ant2]

802.11a Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	16.03	> 0.5	Pass
5785	157	15.72	> 0.5	Pass
5825	165	15.16	> 0.5	Pass

802.11n(HT20) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	15.42	> 0.5	Pass
5785	157	16.64	> 0.5	Pass
5825	165	15.40	> 0.5	Pass

802.11n(HT40) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5755	151	36.53	> 0.5	Pass
5795	159	36.49	> 0.5	Pass

802.11ac(VHT20) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	15.44	> 0.5	Pass
5785	157	15.74	> 0.5	Pass
5825	165	15.14	> 0.5	Pass

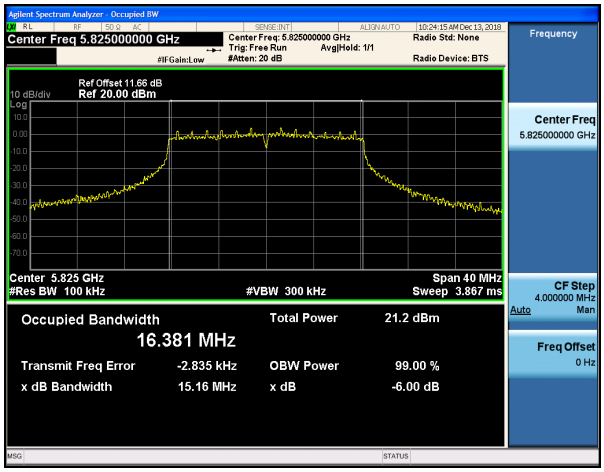
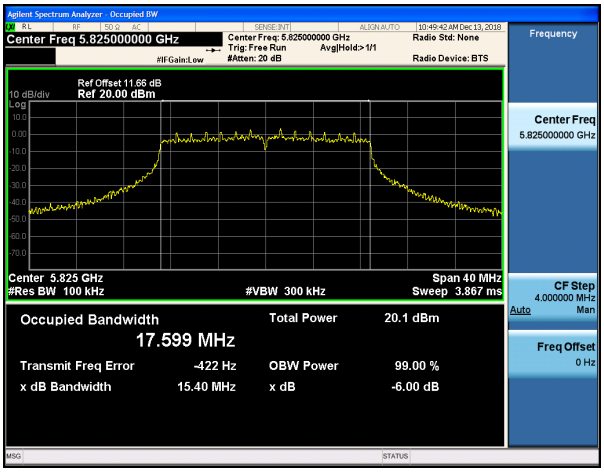
802.11ac(VHT40) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5755	151	35.76	> 0.5	Pass
5795	159	35.63	> 0.5	Pass

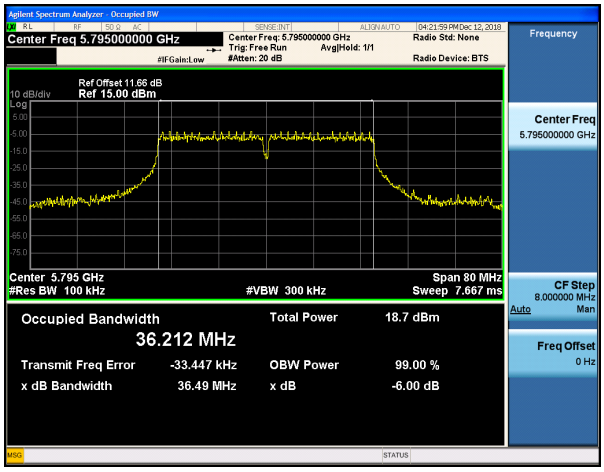
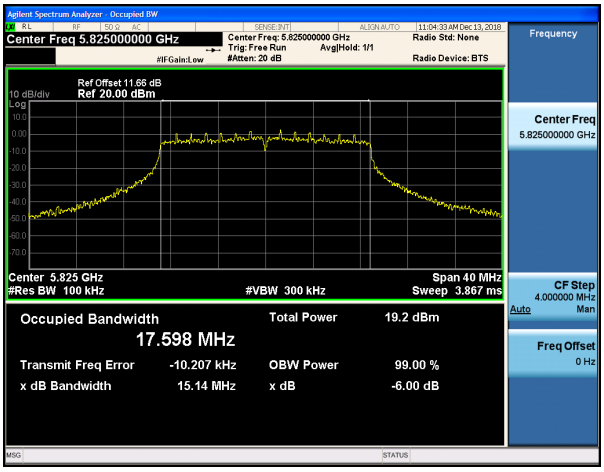
802.11ac(VHT80) Mode		Measured Bandwidth [MHz]	Limit [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5775	155	76.53	> 0.5	Pass

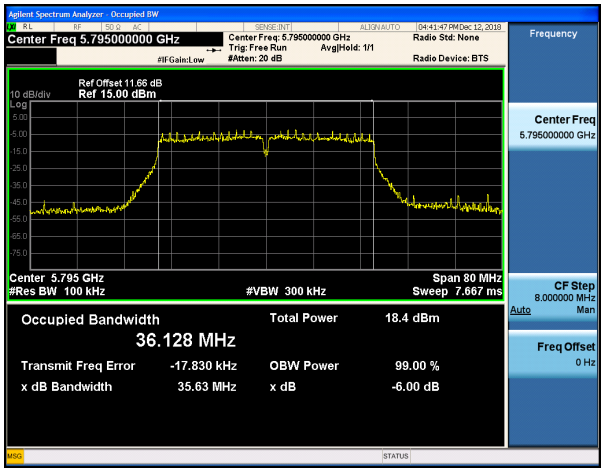
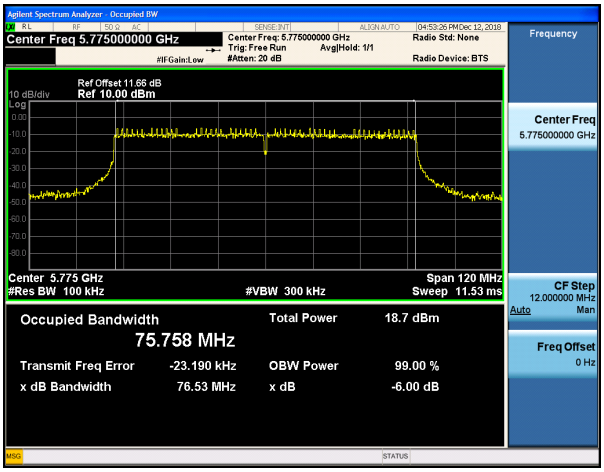
▣ Test Plots

Note:

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

802.11a (CH.165)	802.11n(HT20) (CH.165)
	

802.11n(HT40) (CH.159)	802.11ac(VHT20) (CH.165)
	

802.11ac(VHT40) (CH.159)	802.11ac(VHT80) (CH.155)
	

10.4 OUTPUT POWER MEASUREMENT

802.11a Mode			Ant 1 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	12	11.570	0.310	11.880	23.980
5200	40		11.950	0.310	12.260	23.980
5240	48		12.370	0.310	12.680	23.980
5260	52		12.570	0.310	12.880	23.980
5300	60		13.170	0.310	13.480	23.980
5320	64		12.860	0.310	13.170	23.980
5500	100		12.890	0.310	13.200	23.980
5600	120		12.050	0.310	12.360	23.980
5720	144		11.290	0.310	11.600	23.980
5745	149		11.390	0.310	11.700	30.000
5785	157	13	11.330	0.310	11.640	30.000
5825	165		11.800	0.310	12.110	30.000

802.11a Mode			Ant 2 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	12	12.100	0.310	12.410	23.980
5200	40		12.060	0.310	12.370	23.980
5240	48		11.820	0.310	12.130	23.980
5260	52		11.520	0.310	11.830	23.980
5300	60		11.620	0.310	11.930	23.980
5320	64		11.500	0.310	11.810	23.980
5500	100		11.500	0.310	11.810	23.980
5600	120		12.050	0.310	12.360	23.980
5720	144		12.520	0.310	12.830	23.980
5745	149		12.950	0.310	13.260	30.000
5785	157	13	12.870	0.310	13.180	30.000
5825	165		13.680	0.310	13.990	30.000

802.11a Mode			Ant 1 Measured Power (dBm) + Duty Cycle Factor	Ant 2 Measured Power (dBm) + Duty Cycle Factor	MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	12	11.88	12.41	15.159	23.980
5200	40		12.26	12.37	15.325	23.980
5240	48		12.68	12.13	15.419	23.980
5260	52		12.88	11.83	15.381	23.980
5300	60		13.48	11.93	15.750	23.980
5320	64		13.17	11.81	15.527	23.980
5500	100		13.20	11.81	15.543	23.980
5600	120		12.36	12.36	15.370	23.980
5720	144		11.60	12.83	15.247	23.980
5745	149		11.70	13.26	15.525	30.000
5785	157	13	11.64	13.18	15.454	30.000
5825	165		12.11	13.99	16.111	30.000

802.11n_HT20 Mode			Ant 1 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	12	11.300	0.322	11.622	23.980
5200	40		11.730	0.322	12.052	23.980
5240	48		12.180	0.322	12.502	23.980
5260	52		12.420	0.322	12.742	23.980
5300	60	11	11.990	0.322	12.312	23.980
5320	64		11.700	0.322	12.022	23.980
5500	100	12	12.660	0.322	12.982	23.980
5600	120		11.850	0.322	12.172	23.980
5720	144		11.100	0.322	11.422	23.980
5745	149	11	10.350	0.322	10.672	30.000
5785	157	12	10.220	0.322	10.542	30.000
5825	165		10.720	0.322	11.042	30.000

802.11n_HT20 Mode			Ant 2 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	12	11.820	0.322	12.142	23.980
5200	40		11.900	0.322	12.222	23.980
5240	48		11.670	0.322	11.992	23.980
5260	52		11.370	0.322	11.692	23.980
5300	60	11	10.430	0.322	10.752	23.980
5320	64		10.220	0.322	10.542	23.980
5500	100	12	11.380	0.322	11.702	23.980
5600	120		11.890	0.322	12.212	23.980
5720	144		12.350	0.322	12.672	23.980
5745	149	11	11.720	0.322	12.042	30.000
5785	157	12	11.580	0.322	11.902	30.000
5825	165		12.660	0.322	12.982	30.000

802.11n_HT20 Mode			Ant 1 Measured Power (dBm) + Duty Cycle Factor	Ant 2 Measured Power (dBm) + Duty Cycle Factor	MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	12	11.62	12.14	14.897	23.980
5200	40		12.05	12.22	15.148	23.980
5240	48		12.50	11.99	15.262	23.980
5260	52		12.74	11.69	15.244	23.980
5300	60	11	12.31	10.75	14.578	23.980
5320	64		12.02	10.54	14.324	23.980
5500	100	12	12.98	11.70	15.376	23.980
5600	120		12.17	12.21	15.203	23.980
5720	144		11.42	12.67	15.080	23.980
5745	149	11	10.67	12.04	14.395	30.000
5785	157	12	10.54	11.90	14.259	30.000
5825	165		11.04	12.98	15.077	30.000

802.11ac_VHT20 Mode			Ant 1 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	10	9.280	0.327	9.607	23.980
5200	40		9.660	0.327	9.987	23.980
5240	48		10.120	0.327	10.447	23.980
5260	52		10.470	0.327	10.797	23.980
5280	56		10.970	0.327	11.297	23.980
5320	64		10.740	0.327	11.067	23.980
5500	100		10.650	0.327	10.977	23.980
5600	120		9.850	0.327	10.177	23.980
5720	144		9.230	0.327	9.557	23.980
5745	149		9.440	0.327	9.767	30.000
5785	157	11	9.230	0.327	9.557	30.000
5825	165		9.670	0.327	9.997	30.000

802.11ac_VHT20 Mode			Ant 2 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	10	9.460	0.327	9.787	23.980
5200	40		9.690	0.327	10.017	23.980
5240	48		9.330	0.327	9.657	23.980
5260	52		9.280	0.327	9.607	23.980
5280	56		9.400	0.327	9.727	23.980
5320	64		9.320	0.327	9.647	23.980
5500	100		9.280	0.327	9.607	23.980
5600	120		10.160	0.327	10.487	23.980
5720	144		10.330	0.327	10.657	23.980
5745	149		10.730	0.327	11.057	30.000
5785	157	11	10.650	0.327	10.977	30.000
5825	165		11.660	0.327	11.987	30.000

802.11ac_VHT20 Mode			Ant 1 Measured Power (dBm) + Duty Cycle Factor	Ant 2 Measured Power (dBm) + Duty Cycle Factor	MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5180	36	10	9.61	9.79	12.708	23.980
5200	40		9.99	10.02	13.013	23.980
5240	48		10.45	9.66	13.072	23.980
5260	52		10.80	9.61	13.233	23.980
5280	56		11.30	9.73	13.558	23.980
5320	64		11.07	9.65	13.397	23.980
5500	100		10.98	9.61	13.330	23.980
5600	120		10.18	10.49	13.344	23.980
5720	144		9.56	10.66	13.135	23.980
5745	149		9.77	11.06	13.447	30.000
5785	157	11	9.56	10.98	13.307	30.000
5825	165		10.00	11.99	14.060	30.000

802.11n_HT40 Mode			Ant 1 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5190	38	11	9.290	1.243	10.533	23.980
5230	46		10.330	1.243	11.573	23.980
5270	54		10.360	1.243	11.603	23.980
5310	62		10.750	1.243	11.993	23.980
5510	102	10	9.170	1.243	10.413	23.980
5590	118	11	9.400	1.243	10.643	23.980
5710	142		8.770	1.243	10.013	23.980
5755	151		8.980	1.243	10.223	30.000
5795	159		8.320	1.243	9.563	30.000

802.11n_HT40 Mode			Ant 2 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5190	38	11	9.420	1.243	10.663	23.980
5230	46		9.780	1.243	11.023	23.980
5270	54		8.970	1.243	10.213	23.980
5310	62		9.390	1.243	10.633	23.980
5510	102	10	8.130	1.243	9.373	23.980
5590	118	11	9.280	1.243	10.523	23.980
5710	142		10.170	1.243	11.413	23.980
5755	151		10.340	1.243	11.583	30.000
5795	159		9.760	1.243	11.003	30.000

802.11n_HT40 Mode			Ant 1 Measured Power (dBm) + Duty Cycle Factor	Ant 2 Measured Power (dBm) + Duty Cycle Factor	MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5190	38	11	10.53	10.66	13.609	23.980
5230	46		11.57	11.02	14.313	23.980
5270	54		11.60	10.21	13.946	23.980
5310	62		11.99	10.63	14.350	23.980
5510	102	10	10.41	9.37	12.919	23.980
5590	118	11	10.64	10.52	13.594	23.980
5710	142		10.01	11.41	13.752	23.980
5755	151		10.22	11.58	13.940	30.000
5795	159		9.56	11.00	13.323	30.000

802.11ac_VHT40 Mode			Ant 1 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5190	38	11	10.000	0.413	10.413	23.980
5230	46		11.030	0.413	11.443	23.980
5270	54		11.000	0.413	11.413	23.980
5310	62		11.380	0.413	11.793	23.980
5510	102	10	9.970	0.413	10.383	23.980
5590	118	11	9.900	0.413	10.313	23.980
5710	142		9.560	0.413	9.973	23.980
5755	151		9.710	0.413	10.123	30.000
5795	159		9.300	0.413	9.713	30.000

802.11ac_VHT40 Mode			Ant 2 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5190	38	11	10.500	0.413	10.913	23.980
5230	46		10.790	0.413	11.203	23.980
5270	54		10.180	0.413	10.593	23.980
5310	62		10.510	0.413	10.923	23.980
5510	102	10	9.160	0.413	9.573	23.980
5590	118	11	10.160	0.413	10.573	23.980
5710	142		10.960	0.413	11.373	23.980
5755	151		11.110	0.413	11.523	30.000
5795	159		10.460	0.413	10.873	30.000

802.11ac_VHT40 Mode			Ant 1 Measured Power (dBm) + Duty Cycle Factor	Ant 2 Measured Power (dBm) + Duty Cycle Factor	MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5190	38	11	10.41	10.91	13.677	23.980
5230	46		11.44	11.20	14.334	23.980
5270	54		11.41	10.59	14.023	23.980
5310	62		11.79	10.92	14.379	23.980
5510	102	10	10.38	9.57	12.998	23.980
5590	118	11	10.31	10.57	13.454	23.980
5710	142		9.97	11.37	13.711	23.980
5755	151		10.12	11.52	13.861	30.000
5795	159		9.71	10.87	13.323	30.000

802.11ac_VHT80 Mode			Ant 1 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5210	42	9	7.490	1.761	9.251	23.980
5290	58	11	10.050	1.761	11.811	23.980
5530	106	9	7.850	1.761	9.611	23.980
5610	122	11	9.190	1.761	10.951	23.980
5690	138		8.430	1.761	10.191	23.980
5775	155		7.810	1.761	9.571	30.000

802.11ac_VHT80 Mode			Ant 2 Measured Power [dBm]	Duty Cycle Factor (dB)	Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5210	42	9	7.610	1.761	9.371	23.980
5290	58	11	9.320	1.761	11.081	23.980
5530	106	9	7.000	1.761	8.761	23.980
5610	122	11	9.660	1.761	11.421	23.980
5690	138		9.470	1.761	11.231	23.980
5775	155		9.060	1.761	10.821	30.000

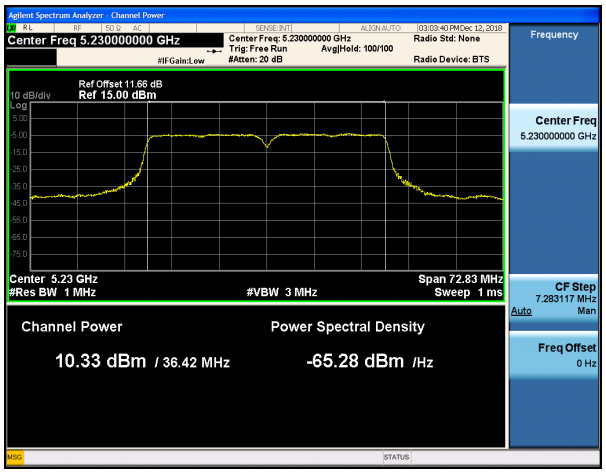
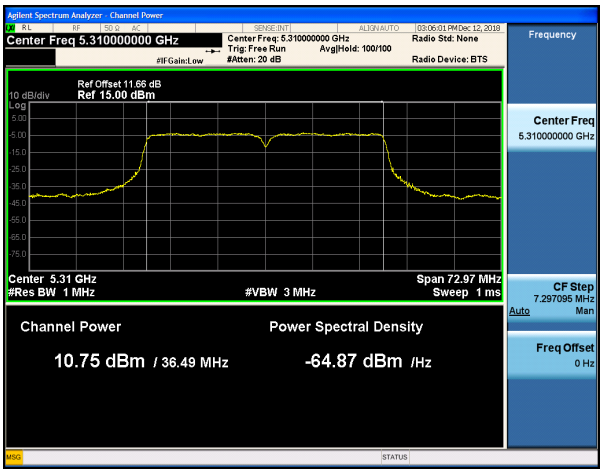
802.11ac_VHT80 Mode			Ant 1 Measured Power (dBm) + Duty Cycle Factor	Ant 2 Measured Power (dBm) + Duty Cycle Factor	MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.	Power Level Setting				
5210	42	9	9.251	9.371	12.321	23.980
5290	58	11	11.811	11.081	14.464	23.980
5530	106	9	9.611	8.761	12.207	23.980
5610	122	11	10.951	11.421	14.199	23.980
5690	138		10.191	11.231	13.737	23.980
5775	155		9.571	10.821	13.229	30.000

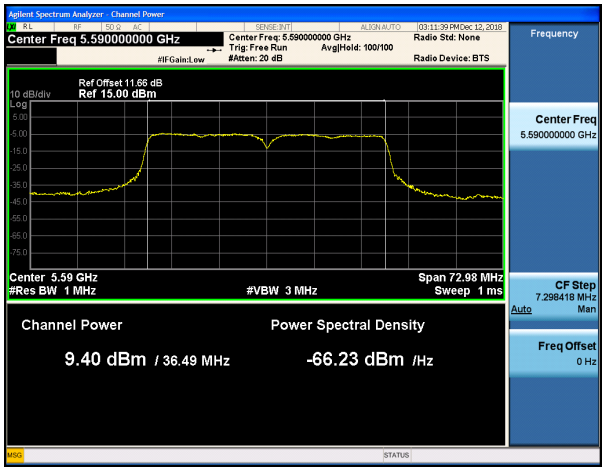
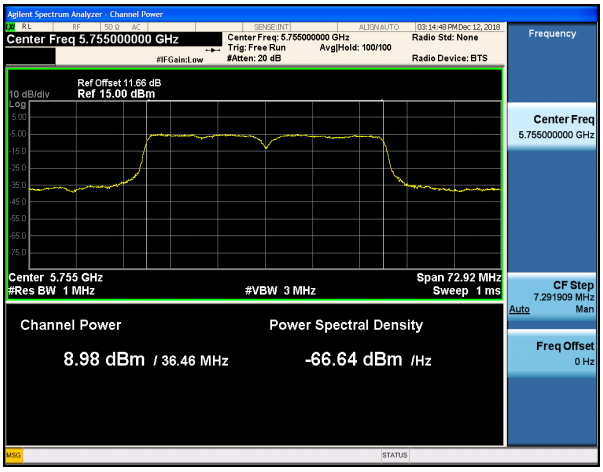
[Ant1]

▣ 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)
	

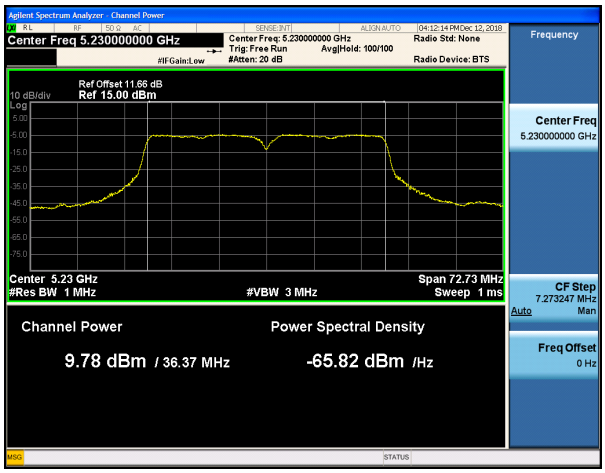
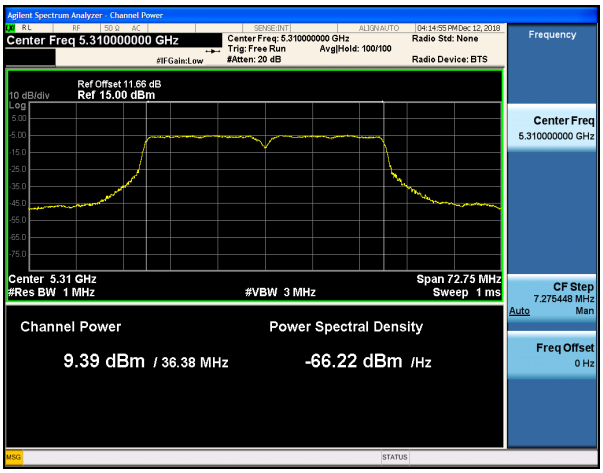
UNII 2C (Ch. 118)	UNII 3 (Ch. 151)
	

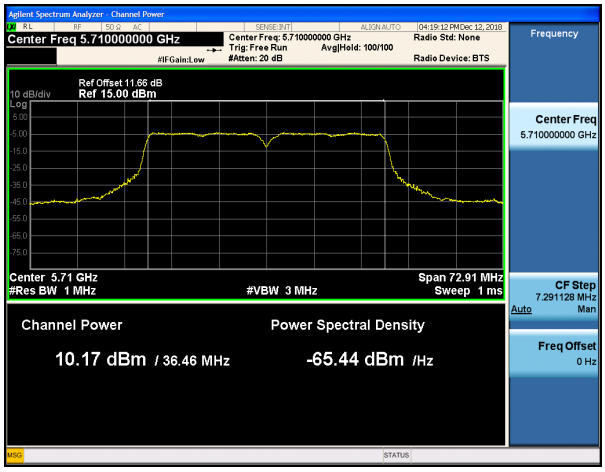
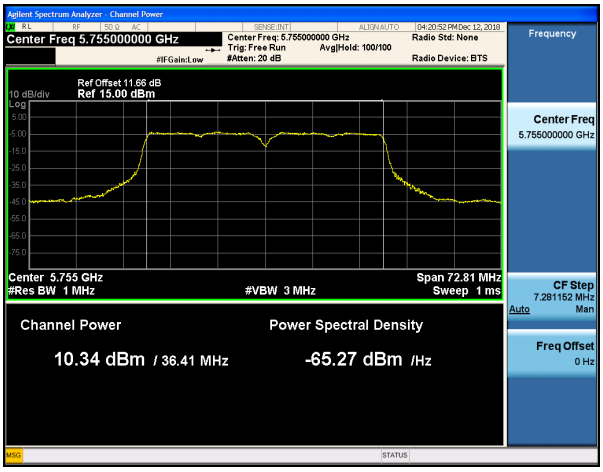
[Ant2]

▣ 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)
	

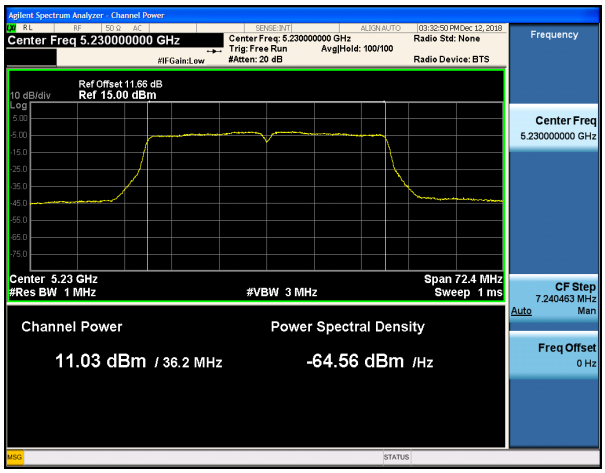
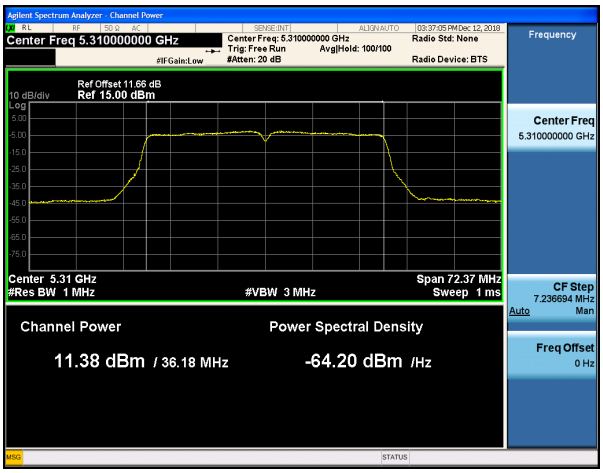
UNII 2C (Ch. 142)	UNII 3 (Ch. 151)
	

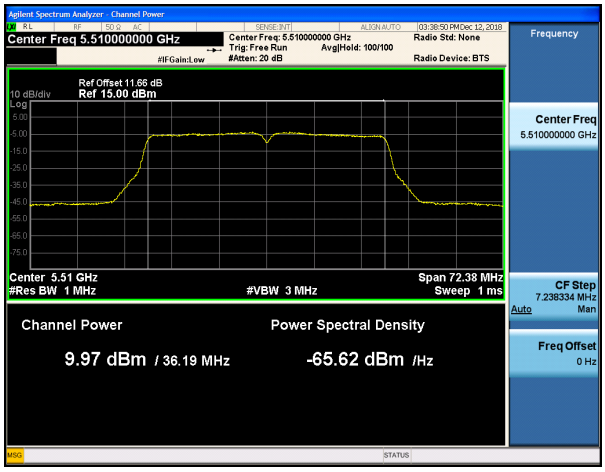
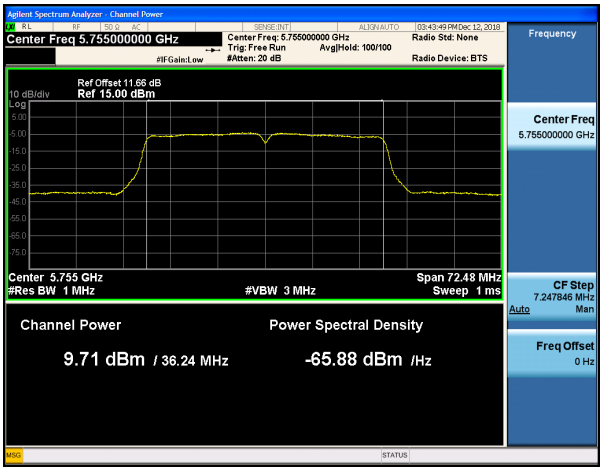
[Ant1]

▣ 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)
	

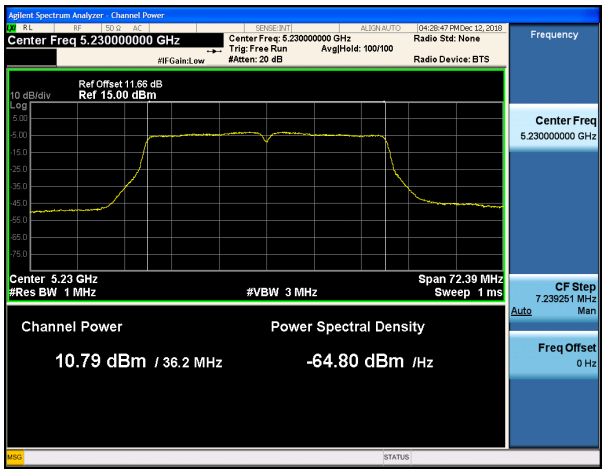
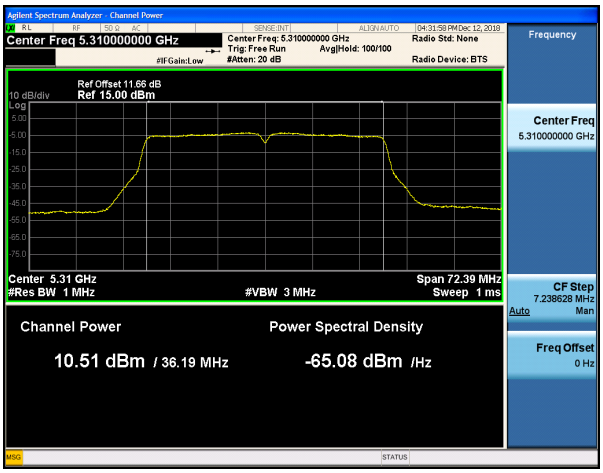
UNII 2C (Ch. 102)	UNII 3 (Ch. 151)
	

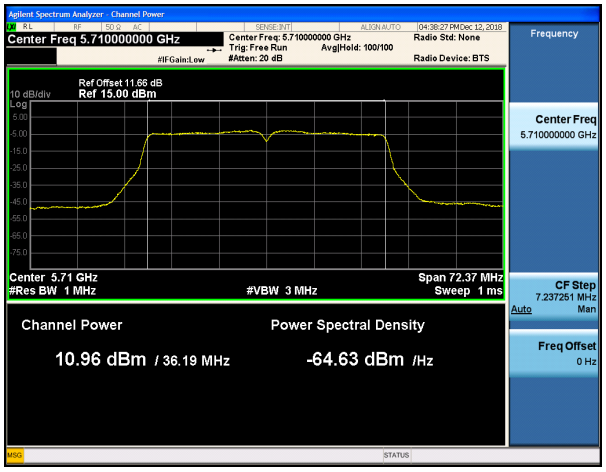
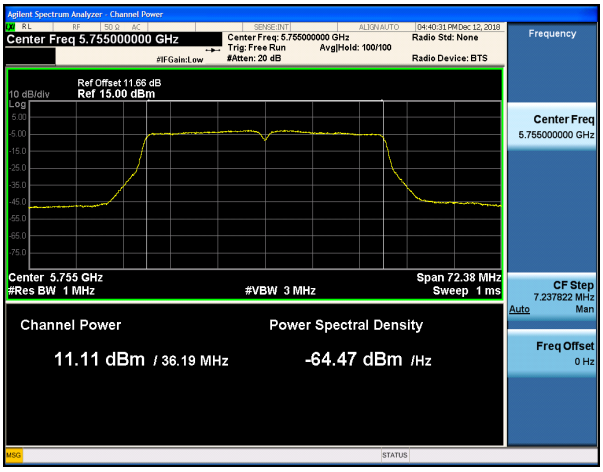
[Ant2]

▣ 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)
	

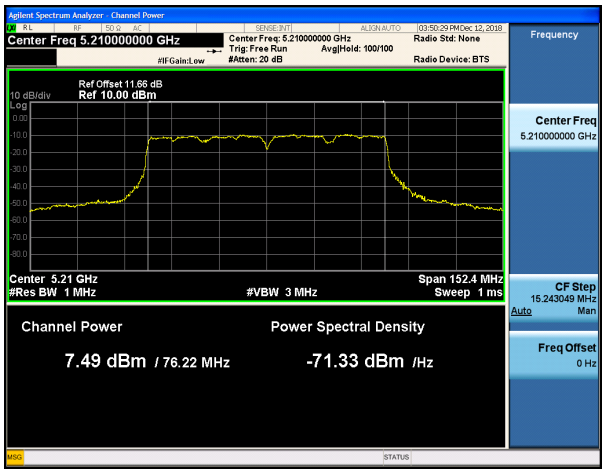
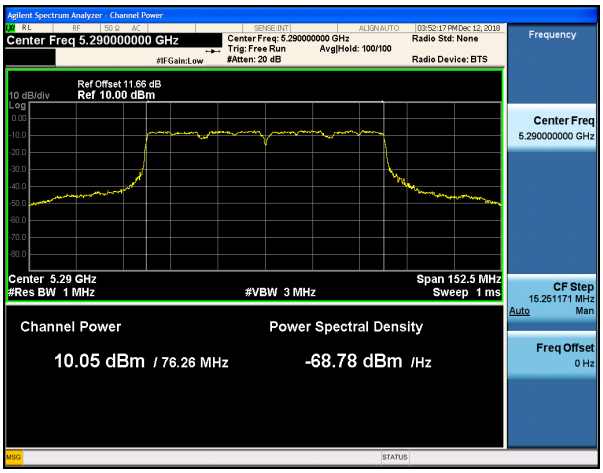
UNII 2C (Ch. 142)	UNII 3 (Ch. 151)
	

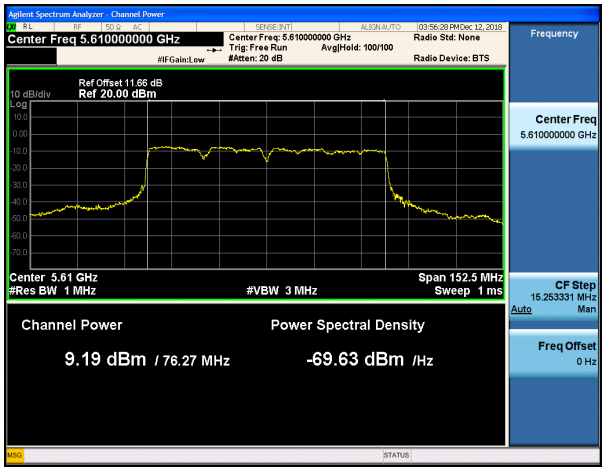
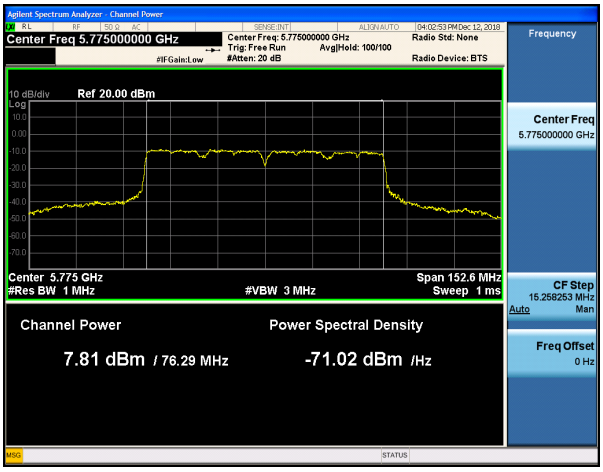
[Ant1]

▣ 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)
	

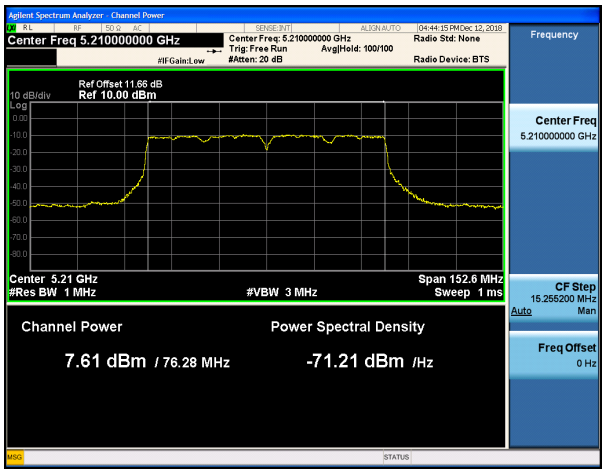
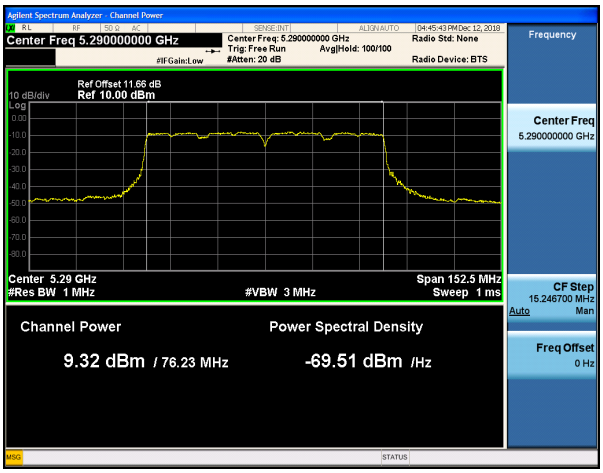
UNII 2C (Ch. 122)	UNII 3 (Ch. 155)
	

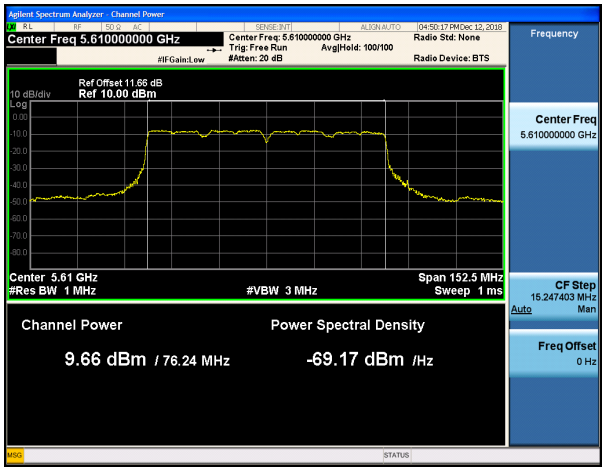
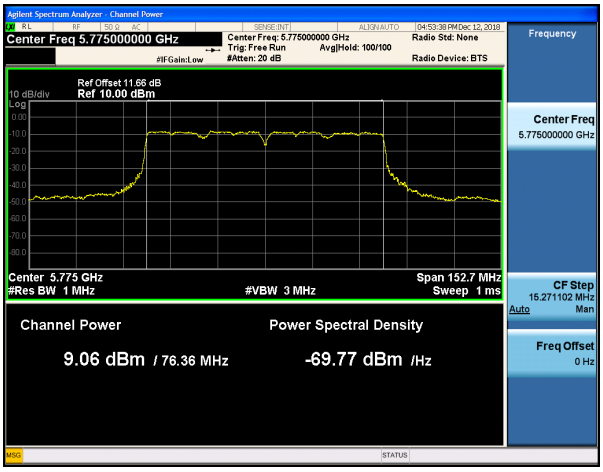
[Ant2]

▣ 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. 122)	UNII 3 (Ch. 155)
	

10.5 POWER SPECTRAL DENSITY

802.11a		Duty Cycle Factor (dB)	Measured PSD [dBm]			MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.		SISO (Antenna 1)	SISO (Antenna 2)	MIMO (Antenna 1+2)		
5180	36	0.310	0.652	0.967	3.821	4.131	11.000
5200	40	0.310	1.255	1.439	4.358	4.668	11.000
5240	48	0.310	2.042	1.398	4.736	5.046	11.000
5260	52	0.310	1.872	1.038	4.475	4.785	11.000
5300	60	0.310	2.631	1.232	4.970	5.280	11.000
5320	64	0.310	2.361	1.205	4.813	5.122	11.000
5500	100	0.310	1.695	1.053	4.390	4.700	11.000
5600	120	0.310	1.096	0.967	4.042	4.352	11.000
5720	144	0.310	0.394	1.971	4.229	4.538	11.000
5745	149	0.310	-1.824	-0.327	1.967	2.277	30.000
5785	157	0.310	-1.951	-0.222	1.967	2.277	30.000
5825	165	0.310	-1.508	1.124	2.918	3.227	30.000

802.11n(HT20)		Duty	Measured PSD [dBm]			MIMO	Limit
Frequency [MHz]	Channel No.	Cycle Factor (dB)	SISO (Antenna 1)	SISO (Antenna 2)	MIMO (Antenna 1+2)	Result (dBm)	(dBm)
5180	36	0.322	0.291	0.775	3.547	3.869	11.000
5200	40	0.322	0.999	1.290	4.156	4.478	11.000
5240	48	0.322	1.232	0.963	4.109	4.431	11.000
5260	52	0.322	1.706	0.544	4.155	4.477	11.000
5300	60	0.322	1.205	-0.254	3.516	3.839	11.000
5320	64	0.322	1.024	-0.332	3.383	3.705	11.000
5500	100	0.322	1.340	0.581	3.979	4.302	11.000
5600	120	0.322	0.499	0.659	3.590	3.912	11.000
5720	144	0.322	-0.012	1.409	3.738	4.060	11.000
5745	149	0.322	-3.461	-1.861	0.386	0.709	30.000
5785	157	0.322	-3.294	-1.696	0.552	0.874	30.000
5825	165	0.322	-2.939	-0.777	1.219	1.542	30.000

802.11n(HT40)		Duty Cycle Factor (dB)	Measured PSD [dBm]			MIMO Result (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.		SISO (Antenna 1)	SISO (Antenna 2)	MIMO (Antenna 1+2)		
5190	38	1.243	-4.883	-4.933	-1.898	-0.654	11.000
5230	46	1.243	-3.532	-4.384	-0.937	0.306	11.000
5270	54	1.243	-3.875	-5.134	-1.471	-0.228	11.000
5310	62	1.243	-3.298	-4.595	-0.912	0.331	11.000
5510	102	1.243	-4.413	-6.181	-2.242	-0.999	11.000
5590	118	1.243	-4.664	-4.598	-1.621	-0.377	11.000
5710	142	1.243	-5.245	-3.848	-1.508	-0.265	11.000
5755	151	1.243	-7.554	-6.059	-3.764	-2.521	30.000
5795	159	1.243	-8.520	-6.596	-4.495	-3.252	30.000

802.11ac(VHT20)		Duty	Measured PSD [dBm]			MIMO	Limit
Frequency [MHz]	Channel No.	Cycle Factor (dB)	SISO (Antenna 1)	SISO (Antenna 2)	MIMO (Antenna 1+2)	Result (dBm)	(dBm)
5180	36	0.327	-1.811	-1.281	1.468	1.796	11.000
5200	40	0.327	-1.399	-1.186	1.718	2.046	11.000
5240	48	0.327	-0.684	-1.206	2.069	2.397	11.000
5260	52	0.327	-0.394	-1.260	2.194	2.522	11.000
5300	60	0.327	0.162	-0.922	2.647	2.975	11.000
5320	64	0.327	-0.056	-0.994	2.498	2.825	11.000
5500	100	0.327	-0.429	-1.508	2.059	2.386	11.000
5600	120	0.327	-1.518	-0.597	1.965	2.292	11.000
5720	144	0.327	-1.799	-0.290	1.999	2.326	11.000
5745	149	0.327	-4.301	-2.437	-0.309	0.019	30.000
5785	157	0.327	-4.331	-2.708	-0.471	-0.144	30.000
5825	165	0.327	-3.541	-1.352	0.633	0.960	30.000

802.11ac(VHT40)		Duty	Measured PSD [dBm]			MIMO	Limit
Frequency [MHz]	Channel No.	Cycle Factor (dB)	SISO (Antenna 1)	SISO (Antenna 2)	MIMO (Antenna 1+2)	Result (dBm)	(dBm)
5190	38	0.413	-3.625	-3.247	-0.424	-0.011	11.000
5230	46	0.413	-2.605	-2.899	0.260	0.673	11.000
5270	54	0.413	-2.598	-3.494	-0.024	0.389	11.000
5310	62	0.413	-2.067	-3.139	0.424	0.837	11.000
5510	102	0.413	-3.718	-4.547	-1.112	-0.699	11.000
5590	118	0.413	-3.664	-3.528	-0.585	-0.172	11.000
5710	142	0.413	-4.178	-2.645	-0.367	0.046	11.000
5755	151	0.413	-6.439	-5.208	-2.791	-2.378	30.000
5795	159	0.413	-7.656	-6.195	-3.885	-3.472	30.000

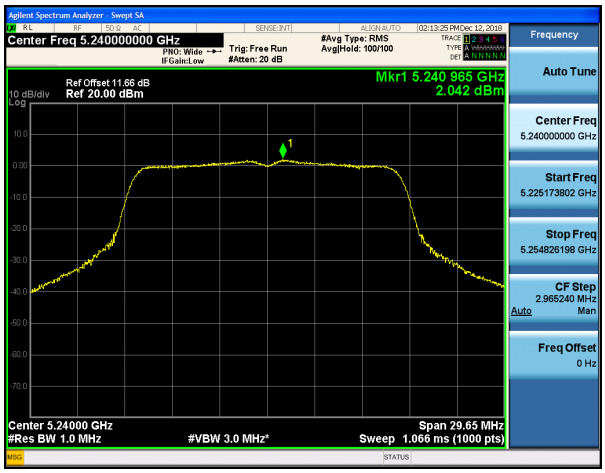
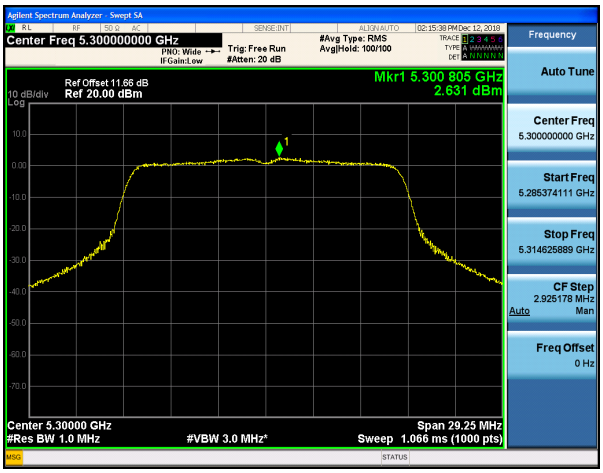
802.11ac(VHT80)		Duty	Measured PSD [dBm]			MIMO	Limit
Frequency [MHz]	Channel No.	Cycle Factor (dB)	SISO (Antenna 1)	SISO (Antenna 2)	MIMO (Antenna 1+2)	Result (dBm)	(dBm)
5210	42	1.761	-9.467	-9.866	-6.654	-4.893	11.000
5290	58	1.761	-7.302	-8.050	-4.658	-2.897	11.000
5530	106	1.761	-9.324	-9.993	-6.642	-4.881	11.000
5610	122	1.761	-7.420	-7.854	-4.624	-2.863	11.000
5690	138	1.761	-8.260	-7.532	-4.878	-3.117	11.000
5775	155	1.761	-11.750	-10.386	-8.031	-6.270	30.000

[Ant1]

▣ Test Plots(802.11a)

Note:

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

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

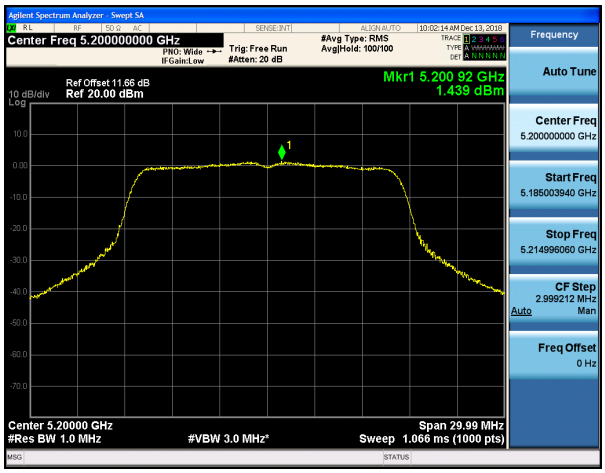
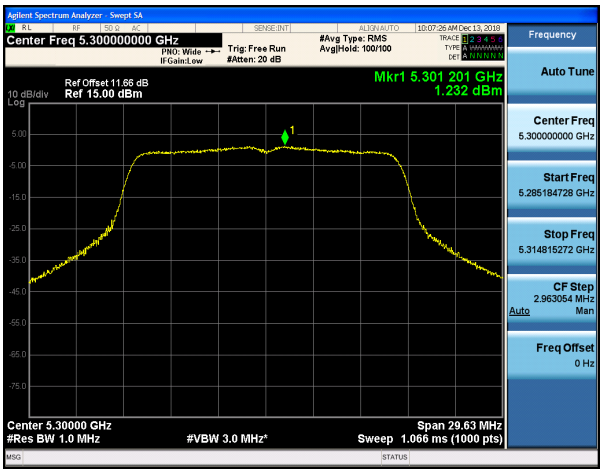
UNII 2C (Ch. 100)	UNII 3 (Ch. 165)
	

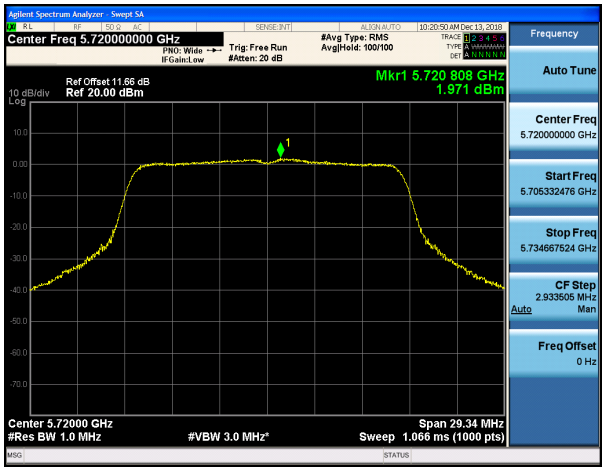
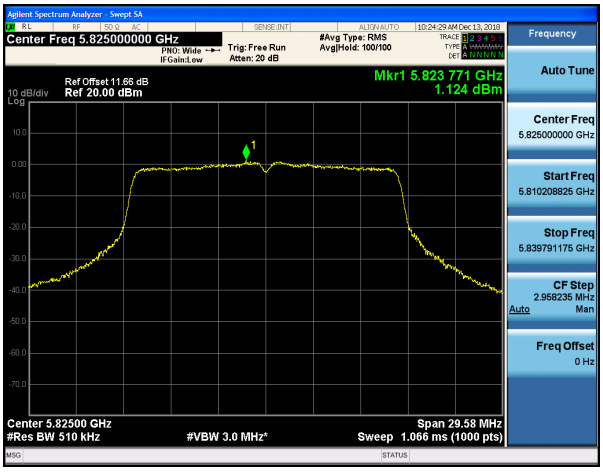
[Ant2]

▣ 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)
	

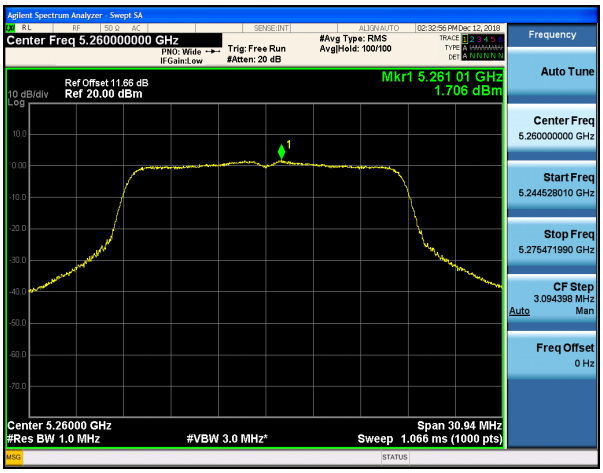
UNII 2C (Ch. 144)	UNII 3 (Ch. 165)
	

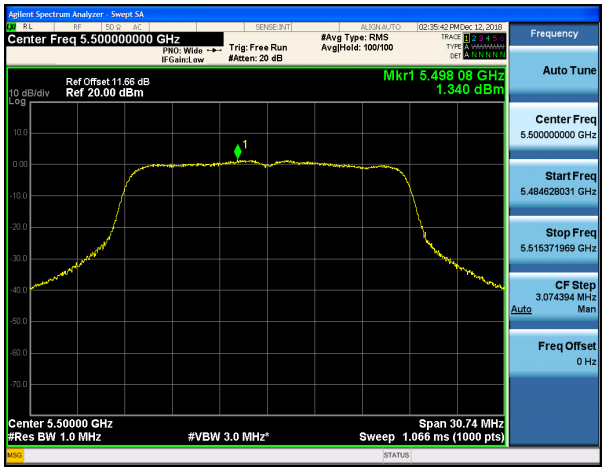
[Ant1]

▣ 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)
	

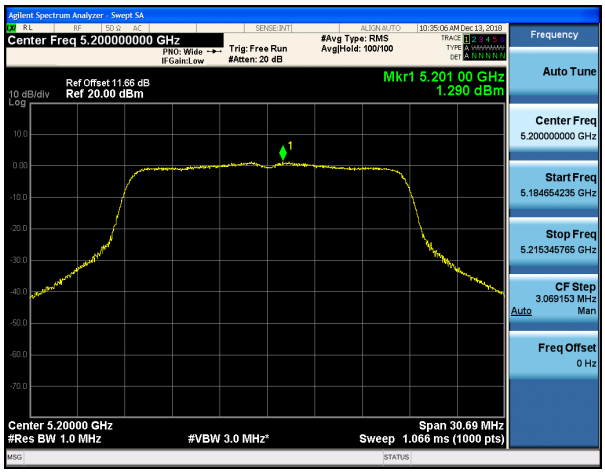
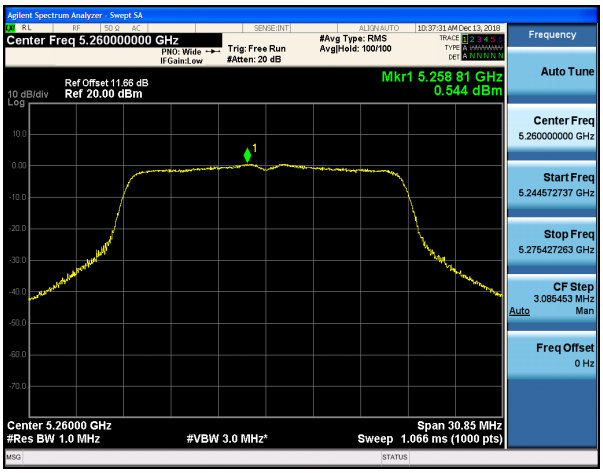
UNII 2C (Ch. 100)	UNII 3 (Ch. 165)
	

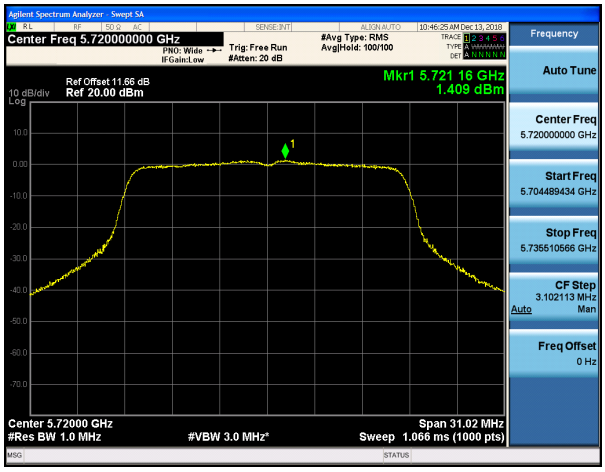
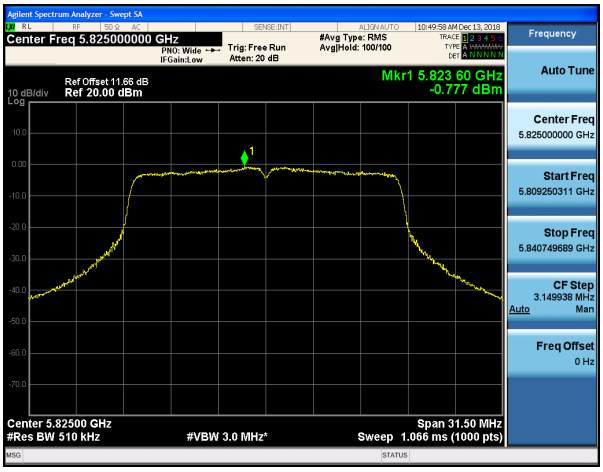
[Ant2]

▣ Test Plots(802.11n(HT20))

Note:

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

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

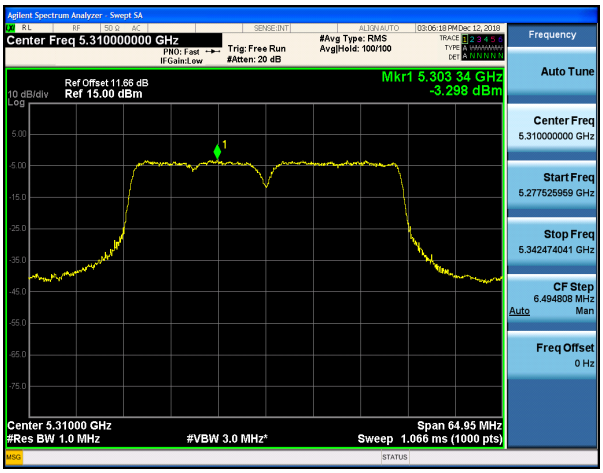
UNII 2C (Ch. 144)	UNII 3 (Ch. 165)
	

[Ant1]

▣ 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. 102)	UNII 3 (Ch. 151)
	

[Ant2]

▣ 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)
	

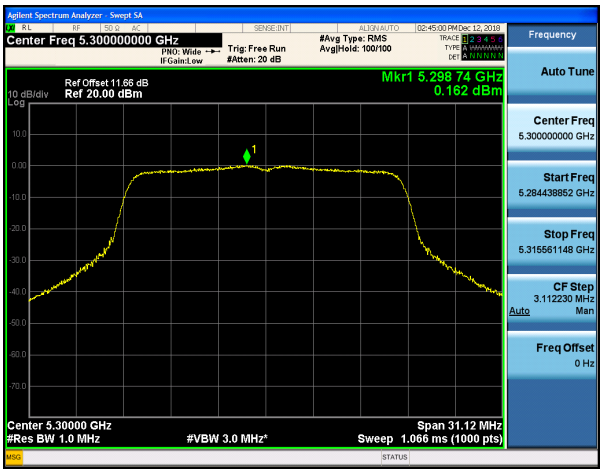
UNII 2C (Ch. 142)	UNII 3 (Ch. 151)
	

[Ant1]

▣ Test Plots(802.11ac(VHT20))

Note:

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

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

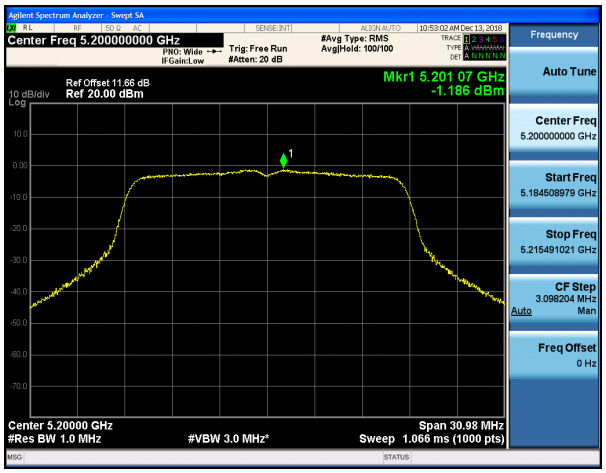
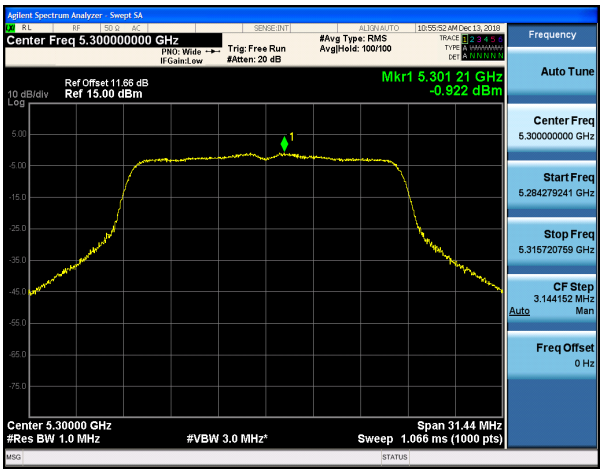
UNII 2C (Ch. 100)	UNII 3 (Ch. 165)
	

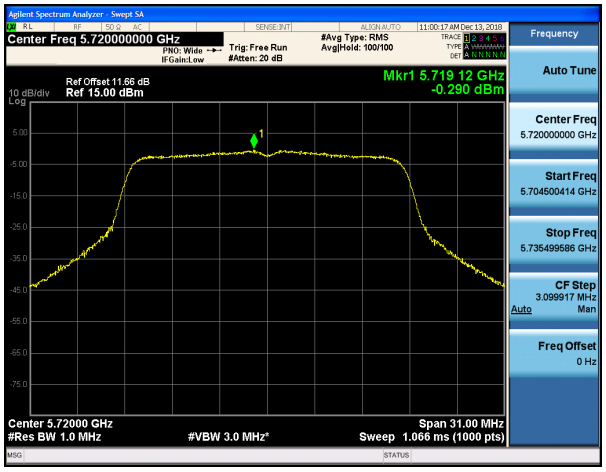
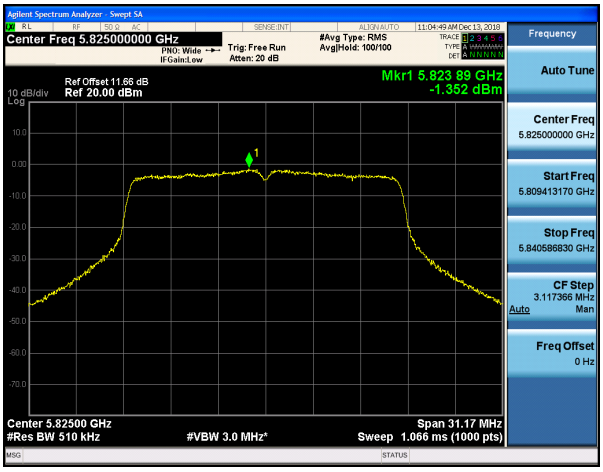
[Ant2]

▣ 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)
	

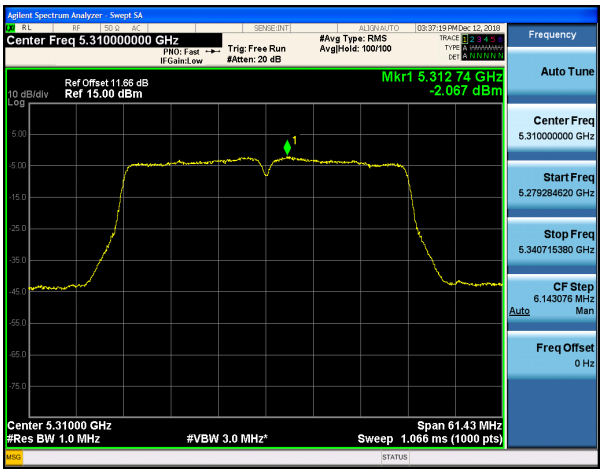
UNII 2C (Ch. 144)	UNII 3 (Ch. 165)
	

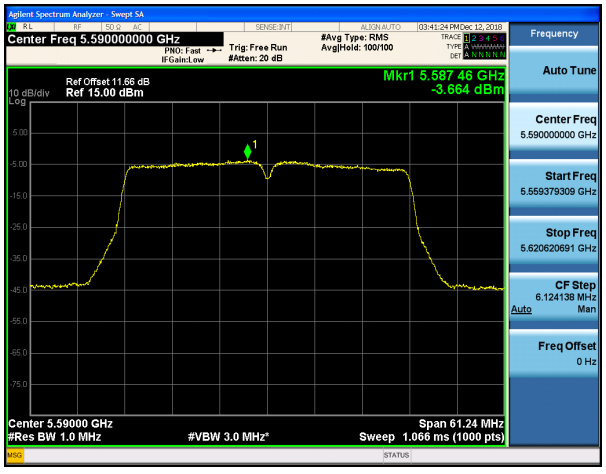
[Ant1]

▣ 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. 118)	UNII 3 (Ch. 151)
	

[Ant2]

▣ 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. 142)	UNII 3 (Ch. 151)
	

[Ant1]

▣ 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. 122)	UNII 3 (Ch. 155)
	

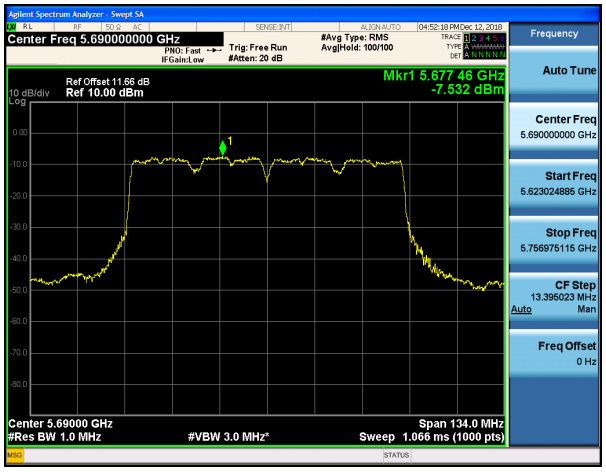
[Ant2]

▣ 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)
	

10.6 FREQUENCY STABILITY.

10.6.1 20MHz BW

[Ant1]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180079.99	79.99
100%		-30	5180054.98	54.98
100%		-20	5180083.24	83.24
100%		-10	5180024.32	24.32
100%		0	5180016.49	16.49
100%		+10	5180058.20	58.20
100%		+30	5180087.78	87.78
100%		+40	5180003.12	3.12
100%		+50	5180042.57	42.57
End. Point	3.60	+20	5180060.76	60.76

Note:

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

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260095.13	95.13
100%		-30	5260097.15	97.15
100%		-20	5260018.92	18.92
100%		-10	5260017.43	17.43
100%		0	5260090.82	90.82
100%		+10	5260083.30	83.3
100%		+30	5260027.26	27.26
100%		+40	5260049.89	49.89
100%		+50	5260020.37	20.37
End. Point	3.60	+20	5260051.44	51.44

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500084.97	84.97
100%		-30	5500068.68	68.68
100%		-20	5500084.82	84.82
100%		-10	5500074.79	74.79
100%		0	5500064.19	64.19
100%		+10	5500087.48	87.48
100%		+30	5500060.04	60.04
100%		+40	5500060.64	60.64
100%		+50	5500041.45	41.45
End. Point	3.60	+20	5500038.92	38.92

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745084.99	84.99
100%		-30	5745061.63	61.63
100%		-20	5745094.50	94.5
100%		-10	5745052.15	52.15
100%		0	5745030.34	30.34
100%		+10	5745026.34	26.34
100%		+30	5745001.31	1.31
100%		+40	5745015.66	15.66
100%		+50	5745012.86	12.86
End. Point	3.60	+20	5745014.21	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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180056.92	56.92
100%		-30	5180099.83	99.83
100%		-20	5180008.72	8.72
100%		-10	5180033.40	33.40
100%		0	5180011.76	11.76
100%		+10	5180033.05	33.05
100%		+30	5180022.96	22.96
100%		+40	5180070.74	70.74
100%		+50	5180097.93	97.93
End. Point	3.60	+20	5180092.02	92.02

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260083.12	83.12
100%		-30	5260021.63	21.63
100%		-20	5260021.09	21.09
100%		-10	5260081.22	81.22
100%		0	5260026.27	26.27
100%		+10	5260030.85	30.85
100%		+30	5260080.43	80.43
100%		+40	5260088.56	88.56
100%		+50	5260093.35	93.35
End. Point	3.60	+20	5260057.20	57.2

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 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500074.87	74.87
100%		-30	5500019.49	19.49
100%		-20	5500034.90	34.9
100%		-10	5500069.98	69.98
100%		0	5500087.09	87.09
100%		+10	5500055.40	55.4
100%		+30	5500051.77	51.77
100%		+40	5500060.47	60.47
100%		+50	5500015.94	15.94
End. Point	3.60	+20	5500056.73	56.73

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745041.76	41.76
100%		-30	5745001.99	1.99
100%		-20	5745012.48	12.48
100%		-10	5745007.89	7.89
100%		0	5745026.29	26.29
100%		+10	5745097.91	97.91
100%		+30	5745098.75	98.75
100%		+40	5745058.17	58.17
100%		+50	5745084.98	84.98
End. Point	3.60	+20	5745095.43	95.43

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: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180095.61	95.61
100%		-30	5180019.46	19.46
100%		-20	5180080.28	80.28
100%		-10	5180047.17	47.17
100%		0	5180040.26	40.26
100%		+10	5180091.97	91.97
100%		+30	5180045.54	45.54
100%		+40	5180078.78	78.78
100%		+50	5180079.54	79.54
End. Point	3.60	+20	5180085.61	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.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260026.33	26.33
100%		-30	5260006.65	6.65
100%		-20	5260018.23	18.23
100%		-10	5260093.77	93.77
100%		0	5260002.83	2.83
100%		+10	5260024.20	24.2
100%		+30	5260047.04	47.04
100%		+40	5260020.32	20.32
100%		+50	5260084.25	84.25
End. Point	3.60	+20	5260034.12	34.12

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500031.89	31.89
100%		-30	5500083.50	83.50
100%		-20	5500020.67	20.67
100%		-10	5500065.30	65.3
100%		0	5500067.95	67.95
100%		+10	5500062.86	62.86
100%		+30	5500078.23	78.23
100%		+40	5500051.38	51.38
100%		+50	5500026.31	26.31
End. Point	3.60	+20	5500092.85	92.85

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745089.34	89.34
100%		-30	5745093.97	93.97
100%		-20	5745067.42	67.42
100%		-10	5745064.63	64.63
100%		0	5745078.89	78.89
100%		+10	5745025.21	25.21
100%		+30	5745059.16	59.16
100%		+40	5745018.60	18.6
100%		+50	5745038.55	38.55
End. Point	3.60	+20	5745006.29	6.29

Note:

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

10 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,180,000,000 Hz
CHANNEL:	36
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180066.83	66.83
100%		-30	5180047.83	47.83
100%		-20	5180007.44	7.44
100%		-10	5180067.32	67.32
100%		0	5180096.80	96.80
100%		+10	5180094.24	94.24
100%		+30	5180091.91	91.91
100%		+40	5180022.08	22.08
100%		+50	5180090.82	90.82
End. Point	3.60	+20	5180069.71	69.71

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260017.78	17.78
100%		-30	5260005.05	5.05
100%		-20	5260043.39	43.39
100%		-10	5260050.50	50.5
100%		0	5260034.97	34.97
100%		+10	5260099.05	99.05
100%		+30	5260019.87	19.87
100%		+40	5260012.97	12.97
100%		+50	5260039.10	39.10
End. Point	3.60	+20	5260060.20	60.2

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 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500027.64	27.64
100%		-30	5500087.67	87.67
100%		-20	5500065.41	65.41
100%		-10	5500029.43	29.43
100%		0	5500002.31	2.31
100%		+10	5500005.31	5.31
100%		+30	5500067.61	67.61
100%		+40	5500090.85	90.85
100%		+50	5500065.53	65.53
End. Point	3.60	+20	5500052.72	52.72

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745093.52	93.52
100%		-30	5745063.79	63.79
100%		-20	5745085.41	85.41
100%		-10	5745026.12	26.12
100%		0	5745086.27	86.27
100%		+10	5745093.88	93.88
100%		+30	5745017.64	17.64
100%		+40	5745021.15	21.15
100%		+50	5745074.94	74.94
End. Point	3.60	+20	5745019.77	19.77

Note:

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

[Ant2]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180070.02	70.02
100%		-30	5180075.32	75.32
100%		-20	5180099.84	99.84
100%		-10	5180005.03	5.03
100%		0	5180042.73	42.73
100%		+10	5180076.27	76.27
100%		+30	5180022.35	22.35
100%		+40	5180029.26	29.26
100%		+50	5180076.26	76.26
End. Point	3.60	+20	5180066.78	66.78

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260041.67	41.67
100%		-30	5260046.43	46.43
100%		-20	5260089.64	89.64
100%		-10	5260012.35	12.35
100%		0	5260060.28	60.28
100%		+10	5260082.67	82.67
100%		+30	5260056.96	56.96
100%		+40	5260091.69	91.69
100%		+50	5260066.37	66.37
End. Point	3.60	+20	5260028.02	28.02

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500067.68	67.68
100%		-30	5500063.58	63.58
100%		-20	5500066.05	66.05
100%		-10	5500033.65	33.65
100%		0	5500064.66	64.66
100%		+10	5500052.41	52.41
100%		+30	5500096.08	96.08
100%		+40	5500015.78	15.78
100%		+50	5500087.68	87.68
End. Point	3.60	+20	5500065.59	65.59

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745088.53	88.53
100%		-30	5745033.68	33.68
100%		-20	5745067.92	67.92
100%		-10	5745039.31	39.31
100%		0	5745066.64	66.64
100%		+10	5745022.76	22.76
100%		+30	5745008.94	8.94
100%		+40	5745066.93	66.93
100%		+50	5745019.32	19.32
End. Point	3.60	+20	5745050.44	50.44

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: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180004.17	4.17
100%		-30	5180059.02	59.02
100%		-20	5180098.09	98.09
100%		-10	5180079.18	79.18
100%		0	5180028.52	28.52
100%		+10	5180088.49	88.49
100%		+30	5180034.13	34.13
100%		+40	5180019.83	19.83
100%		+50	5180027.67	27.67
End. Point	3.60	+20	5180036.05	36.05

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260006.36	6.36
100%		-30	5260012.55	12.55
100%		-20	5260079.59	79.59
100%		-10	5260046.40	46.4
100%		0	5260099.12	99.12
100%		+10	5260049.78	49.78
100%		+30	5260085.16	85.16
100%		+40	5260028.51	28.51
100%		+50	5260059.21	59.21
End. Point	3.60	+20	5260091.62	91.62

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500085.54	85.54
100%		-30	5500049.50	49.50
100%		-20	5500086.70	86.7
100%		-10	5500066.38	66.38
100%		0	5500079.52	79.52
100%		+10	5500095.31	95.31
100%		+30	5500021.44	21.44
100%		+40	5500070.75	70.75
100%		+50	5500096.13	96.13
End. Point	3.60	+20	5500064.94	64.94

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745019.35	19.35
100%		-30	5745067.62	67.62
100%		-20	5745074.35	74.35
100%		-10	5745034.42	34.42
100%		0	5745036.92	36.92
100%		+10	5745051.88	51.88
100%		+30	5745024.92	24.92
100%		+40	5745046.08	46.08
100%		+50	5745084.10	84.10
End. Point	3.60	+20	5745058.60	58.6

Note:

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

5 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180027.09	27.09
100%		-30	5180006.20	6.20
100%		-20	5180077.81	77.81
100%		-10	5180010.76	10.76
100%		0	5180016.66	16.66
100%		+10	5180024.26	24.26
100%		+30	5180089.45	89.45
100%		+40	5180004.18	4.18
100%		+50	5180095.58	95.58
End. Point	3.60	+20	5180040.81	40.81

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260005.72	5.72
100%		-30	5260068.78	68.78
100%		-20	5260056.74	56.74
100%		-10	5260017.06	17.06
100%		0	5260013.21	13.21
100%		+10	5260046.90	46.9
100%		+30	5260015.03	15.03
100%		+40	5260072.14	72.14
100%		+50	5260067.80	67.80
End. Point	3.60	+20	5260030.47	30.47

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 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500052.59	52.59
100%		-30	5500088.79	88.79
100%		-20	5500093.10	93.1
100%		-10	5500046.27	46.27
100%		0	5500025.81	25.81
100%		+10	5500059.27	59.27
100%		+30	5500060.29	60.29
100%		+40	5500064.54	64.54
100%		+50	5500049.22	49.22
End. Point	3.60	+20	5500060.11	60.11

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745057.62	57.62
100%		-30	5745043.10	43.10
100%		-20	5745089.44	89.44
100%		-10	5745094.69	94.69
100%		0	5745053.80	53.8
100%		+10	5745028.76	28.76
100%		+30	5745059.76	59.76
100%		+40	5745061.12	61.12
100%		+50	5745078.33	78.33
End. Point	3.60	+20	5745033.16	33.16

Note:

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

10 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180053.83	53.83
100%		-30	5180050.50	50.50
100%		-20	5180010.19	10.19
100%		-10	5180030.45	30.45
100%		0	5180010.27	10.27
100%		+10	5180064.52	64.52
100%		+30	5180053.30	53.30
100%		+40	5180020.48	20.48
100%		+50	5180015.16	15.16
End. Point	3.60	+20	5180077.45	77.45

Note:

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

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260080.18	80.18
100%		-30	5260072.96	72.96
100%		-20	5260013.82	13.82
100%		-10	5260080.77	80.77
100%		0	5260074.22	74.22
100%		+10	5260002.09	2.09
100%		+30	5260018.64	18.64
100%		+40	5260062.80	62.8
100%		+50	5260056.74	56.74
End. Point	3.60	+20	5260007.60	7.6

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500066.32	66.32
100%		-30	5500083.67	83.67
100%		-20	5500005.96	5.96
100%		-10	5500007.95	7.95
100%		0	5500098.15	98.15
100%		+10	5500076.07	76.07
100%		+30	5500021.69	21.69
100%		+40	5500052.64	52.64
100%		+50	5500012.92	12.92
End. Point	3.60	+20	5500026.11	26.11

Note:

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

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,745,000,000 Hz
CHANNEL: 149
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745044.05	44.05
100%		-30	5745091.56	91.56
100%		-20	5745021.37	21.37
100%		-10	5745003.13	3.13
100%		0	5745022.61	22.61
100%		+10	5745063.26	63.26
100%		+30	5745081.33	81.33
100%		+40	5745037.59	37.59
100%		+50	5745071.17	71.17
End. Point	3.60	+20	5745066.32	66.32

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.

10.6.2 40MHz BW

[Ant1]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190024.54	24.54
100%		-30	5190031.81	31.81
100%		-20	5190083.85	83.85
100%		-10	5190073.80	73.80
100%		0	5190043.52	43.52
100%		+10	5190045.73	45.73
100%		+30	5190045.60	45.60
100%		+40	5190036.16	36.16
100%		+50	5190076.24	76.24
End. Point	3.60	+20	5190088.24	88.24

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270086.77	86.77
100%		-30	5270053.44	53.44
100%		-20	5270061.10	61.1
100%		-10	5270070.70	70.7
100%		0	5270042.08	42.08
100%		+10	5270013.46	13.46
100%		+30	5270037.19	37.19
100%		+40	5270011.05	11.05
100%		+50	5270072.63	72.63
End. Point	3.60	+20	5270027.52	27.52

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 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510065.61	65.61
100%		-30	5510059.10	59.10
100%		-20	5510014.73	14.73
100%		-10	5510081.47	81.47
100%		0	5510063.96	63.96
100%		+10	5510076.19	76.19
100%		+30	5510042.91	42.91
100%		+40	5510030.02	30.02
100%		+50	5510024.78	24.78
End. Point	3.60	+20	5510021.19	21.19

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755016.07	16.07
100%		-30	5755016.94	16.94
100%		-20	5755070.98	70.98
100%		-10	5755072.26	72.26
100%		0	5755041.64	41.64
100%		+10	5755043.52	43.52
100%		+30	5755052.86	52.86
100%		+40	5755030.80	30.8
100%		+50	5755006.95	6.95
End. Point	3.60	+20	5755022.94	22.94

Note:

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

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190084.12	84.12
100%		-30	5190038.07	38.07
100%		-20	5190077.02	77.02
100%		-10	5190039.44	39.44
100%		0	5190020.64	20.64
100%		+10	5190087.08	87.08
100%		+30	5190007.68	7.68
100%		+40	5190088.71	88.71
100%		+50	5190023.80	23.80
End. Point	3.60	+20	5190024.22	24.22

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270073.95	73.95
100%		-30	5270071.79	71.79
100%		-20	5270080.66	80.66
100%		-10	5270027.30	27.3
100%		0	5270005.46	5.46
100%		+10	5270051.39	51.39
100%		+30	5270046.13	46.13
100%		+40	5270056.35	56.35
100%		+50	5270044.59	44.59
End. Point	3.60	+20	5270083.86	83.86

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510097.68	97.68
100%		-30	5510066.04	66.04
100%		-20	5510024.82	24.82
100%		-10	5510019.80	19.8
100%		0	5510065.17	65.17
100%		+10	5510038.43	38.43
100%		+30	5510032.34	32.34
100%		+40	5510059.24	59.24
100%		+50	5510095.76	95.76
End. Point	3.60	+20	5510053.77	53.77

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755040.33	40.33
100%		-30	5755004.34	4.34
100%		-20	5755074.43	74.43
100%		-10	5755052.06	52.06
100%		0	5755025.30	25.3
100%		+10	5755048.77	48.77
100%		+30	5755055.23	55.23
100%		+40	5755040.12	40.12
100%		+50	5755082.88	82.88
End. Point	3.60	+20	5755021.63	21.63

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: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190045.48	45.48
100%		-30	5190068.68	68.68
100%		-20	5190063.37	63.37
100%		-10	5190020.71	20.71
100%		0	5190074.87	74.87
100%		+10	5190031.02	31.02
100%		+30	5190054.70	54.70
100%		+40	5190035.15	35.15
100%		+50	5190036.16	36.16
End. Point	3.60	+20	5190047.33	47.33

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270011.79	11.79
100%		-30	5270047.56	47.56
100%		-20	5270010.13	10.13
100%		-10	5270045.08	45.08
100%		0	5270086.23	86.23
100%		+10	5270041.30	41.3
100%		+30	5270071.96	71.96
100%		+40	5270098.87	98.87
100%		+50	5270078.48	78.48
End. Point	3.60	+20	5270026.87	26.87

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510043.25	43.25
100%		-30	5510017.03	17.03
100%		-20	5510017.76	17.76
100%		-10	5510096.68	96.68
100%		0	5510074.56	74.56
100%		+10	5510040.74	40.74
100%		+30	5510046.42	46.42
100%		+40	5510053.21	53.21
100%		+50	5510041.30	41.30
End. Point	3.60	+20	5510098.40	98.4

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755014.35	14.35
100%		-30	5755095.69	95.69
100%		-20	5755086.26	86.26
100%		-10	5755091.20	91.2
100%		0	5755034.14	34.14
100%		+10	5755029.75	29.75
100%		+30	5755002.17	2.17
100%		+40	5755012.14	12.14
100%		+50	5755094.82	94.82
End. Point	3.60	+20	5755034.31	34.31

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: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190020.72	20.72
100%		-30	5190015.63	15.63
100%		-20	5190080.26	80.26
100%		-10	5190089.43	89.43
100%		0	5190040.56	40.56
100%		+10	5190014.08	14.08
100%		+30	5190086.58	86.58
100%		+40	5190045.75	45.75
100%		+50	5190007.15	7.15
End. Point	3.60	+20	5190003.24	3.24

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270044.34	44.34
100%		-30	5270032.85	32.85
100%		-20	5270006.69	6.69
100%		-10	5270057.47	57.47
100%		0	5270042.60	42.6
100%		+10	5270004.71	4.71
100%		+30	5270097.38	97.38
100%		+40	5270006.59	6.59
100%		+50	5270078.99	78.99
End. Point	3.60	+20	5270018.72	18.72

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510008.77	8.77
100%		-30	5510001.05	1.05
100%		-20	5510048.95	48.95
100%		-10	5510048.89	48.89
100%		0	5510018.77	18.77
100%		+10	5510016.24	16.24
100%		+30	5510090.05	90.05
100%		+40	5510022.17	22.17
100%		+50	5510056.36	56.36
End. Point	3.60	+20	5510005.37	5.37

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: 5,755,000,000 Hz
CHANNEL: 151
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755013.54	13.54
100%		-30	5755016.73	16.73
100%		-20	5755053.27	53.27
100%		-10	5755043.04	43.04
100%		0	5755059.16	59.16
100%		+10	5755021.55	21.55
100%		+30	5755054.23	54.23
100%		+40	5755087.44	87.44
100%		+50	5755026.04	26.04
End. Point	3.60	+20	5755073.56	73.56

Note:

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

[Ant2]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190064.04	64.04
100%		-30	5190042.29	42.29
100%		-20	5190094.43	94.43
100%		-10	5190018.55	18.55
100%		0	5190053.67	53.67
100%		+10	5190046.74	46.74
100%		+30	5190013.40	13.40
100%		+40	5190099.29	99.29
100%		+50	5190089.41	89.41
End. Point	3.60	+20	5190011.30	11.30

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270079.41	79.41
100%		-30	5270050.55	50.55
100%		-20	5270025.05	25.05
100%		-10	5270060.77	60.77
100%		0	5270021.82	21.82
100%		+10	5270012.06	12.06
100%		+30	5270094.67	94.67
100%		+40	5270002.02	2.02
100%		+50	5270011.90	11.90
End. Point	3.60	+20	5270016.30	16.3

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510076.49	76.49
100%		-30	5510011.19	11.19
100%		-20	5510057.06	57.06
100%		-10	5510079.77	79.77
100%		0	5510002.73	2.73
100%		+10	5510014.82	14.82
100%		+30	5510083.49	83.49
100%		+40	5510005.89	5.89
100%		+50	5510027.52	27.52
End. Point	3.60	+20	5510060.78	60.78

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755079.97	79.97
100%		-30	5755056.02	56.02
100%		-20	5755047.71	47.71
100%		-10	5755048.74	48.74
100%		0	5755063.21	63.21
100%		+10	5755048.48	48.48
100%		+30	5755042.30	42.3
100%		+40	5755016.89	16.89
100%		+50	5755026.24	26.24
End. Point	3.60	+20	5755079.45	79.45

Note:

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

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190022.82	22.82
100%		-30	5190081.51	81.51
100%		-20	5190036.53	36.53
100%		-10	5190060.60	60.60
100%		0	5190076.91	76.91
100%		+10	5190020.80	20.80
100%		+30	5190084.99	84.99
100%		+40	5190014.74	14.74
100%		+50	5190058.52	58.52
End. Point	3.60	+20	5190074.33	74.33

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270041.32	41.32
100%		-30	5270050.46	50.46
100%		-20	5270009.19	9.19
100%		-10	5270092.12	92.12
100%		0	5270010.14	10.14
100%		+10	5270055.06	55.06
100%		+30	5270092.74	92.74
100%		+40	5270037.70	37.7
100%		+50	5270056.81	56.81
End. Point	3.60	+20	5270048.67	48.67

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 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510087.12	87.12
100%		-30	5510096.75	96.75
100%		-20	5510035.91	35.91
100%		-10	5510016.03	16.03
100%		0	5510083.28	83.28
100%		+10	5510032.57	32.57
100%		+30	5510040.65	40.65
100%		+40	5510088.25	88.25
100%		+50	5510081.78	81.78
End. Point	3.60	+20	5510024.22	24.22

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755075.65	75.65
100%		-30	5755020.25	20.25
100%		-20	5755063.02	63.02
100%		-10	5755041.55	41.55
100%		0	5755082.68	82.68
100%		+10	5755078.87	78.87
100%		+30	5755028.07	28.07
100%		+40	5755008.73	8.73
100%		+50	5755076.95	76.95
End. Point	3.60	+20	5755032.85	32.85

Note:

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

5 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190035.25	35.25
100%		-30	5190031.24	31.24
100%		-20	5190005.66	5.66
100%		-10	5190098.33	98.33
100%		0	5190076.92	76.92
100%		+10	5190069.72	69.72
100%		+30	5190051.35	51.35
100%		+40	5190097.27	97.27
100%		+50	5190032.59	32.59
End. Point	3.60	+20	5190002.09	2.09

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270039.68	39.68
100%		-30	5270072.57	72.57
100%		-20	5270075.26	75.26
100%		-10	5270070.35	70.35
100%		0	5270013.81	13.81
100%		+10	5270072.22	72.22
100%		+30	5270023.50	23.5
100%		+40	5270090.83	90.83
100%		+50	5270052.46	52.46
End. Point	3.60	+20	5270071.13	71.13

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510037.85	37.85
100%		-30	5510094.43	94.43
100%		-20	5510006.11	6.11
100%		-10	5510030.62	30.62
100%		0	5510012.14	12.14
100%		+10	5510037.68	37.68
100%		+30	5510078.26	78.26
100%		+40	5510071.60	71.6
100%		+50	5510003.75	3.75
End. Point	3.60	+20	5510045.49	45.49

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755023.73	23.73
100%		-30	5755019.70	19.70
100%		-20	5755070.06	70.06
100%		-10	5755083.81	83.81
100%		0	5755079.37	79.37
100%		+10	5755004.51	4.51
100%		+30	5755049.88	49.88
100%		+40	5755016.34	16.34
100%		+50	5755080.69	80.69
End. Point	3.60	+20	5755078.69	78.69

Note:

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

10 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190090.55	90.55
100%		-30	5190069.93	69.93
100%		-20	5190013.88	13.88
100%		-10	5190003.50	3.50
100%		0	5190095.40	95.40
100%		+10	5190008.75	8.75
100%		+30	5190072.68	72.68
100%		+40	5190009.83	9.83
100%		+50	5190044.16	44.16
End. Point	3.60	+20	5190049.26	49.26

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 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270040.98	40.98
100%		-30	5270068.13	68.13
100%		-20	5270018.60	18.6
100%		-10	5270044.50	44.5
100%		0	5270056.14	56.14
100%		+10	5270026.73	26.73
100%		+30	5270092.65	92.65
100%		+40	5270082.46	82.46
100%		+50	5270077.50	77.50
End. Point	3.60	+20	5270083.93	83.93

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510046.57	46.57
100%		-30	5510098.55	98.55
100%		-20	5510025.10	25.1
100%		-10	5510067.85	67.85
100%		0	5510021.08	21.08
100%		+10	5510065.28	65.28
100%		+30	5510026.12	26.12
100%		+40	5510072.52	72.52
100%		+50	5510098.85	98.85
End. Point	3.60	+20	5510068.26	68.26

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755060.76	60.76
100%		-30	5755090.60	90.60
100%		-20	5755035.04	35.04
100%		-10	5755026.89	26.89
100%		0	5755085.73	85.73
100%		+10	5755049.34	49.34
100%		+30	5755021.68	21.68
100%		+40	5755037.04	37.04
100%		+50	5755029.94	29.94
End. Point	3.60	+20	5755052.93	52.93

Note:

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

10.6.3 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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210031.03	31.03
100%		-30	5210058.67	58.67
100%		-20	5210092.20	92.20
100%		-10	5210023.82	23.82
100%		0	5210071.92	71.92
100%		+10	5210037.03	37.03
100%		+30	5210064.75	64.75
100%		+40	5210076.39	76.39
100%		+50	5210026.08	26.08
End. Point	3.60	+20	5210058.36	58.36

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290046.67	46.67
100%		-30	5290046.88	46.88
100%		-20	5290070.48	70.48
100%		-10	5290021.80	21.8
100%		0	5290068.83	68.83
100%		+10	5290046.03	46.03
100%		+30	5290039.42	39.42
100%		+40	5290079.64	79.64
100%		+50	5290081.58	81.58
End. Point	3.60	+20	5290099.17	99.17

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530097.96	97.96
100%		-30	5530067.16	67.16
100%		-20	5530023.84	23.84
100%		-10	5530024.96	24.96
100%		0	5530056.42	56.42
100%		+10	5530071.44	71.44
100%		+30	5530017.46	17.46
100%		+40	5530016.35	16.35
100%		+50	5530046.06	46.06
End. Point	3.60	+20	5530022.28	22.28

Note:

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

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775015.58	15.58
100%		-30	5775017.05	17.05
100%		-20	5775048.84	48.84
100%		-10	5775005.70	5.7
100%		0	5775019.72	19.72
100%		+10	5775004.94	4.94
100%		+30	5775025.41	25.41
100%		+40	5775033.95	33.95
100%		+50	5775009.94	9.94
End. Point	3.60	+20	5775022.40	22.4

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210066.91	66.91
100%		-30	5210049.08	49.08
100%		-20	5210011.28	11.28
100%		-10	5210041.26	41.26
100%		0	5210080.74	80.74
100%		+10	5210022.44	22.44
100%		+30	5210098.87	98.87
100%		+40	5210040.04	40.04
100%		+50	5210090.54	90.54
End. Point	3.60	+20	5210013.24	13.24

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290017.38	17.38
100%		-30	5290078.05	78.05
100%		-20	5290033.61	33.61
100%		-10	5290070.86	70.86
100%		0	5290098.83	98.83
100%		+10	5290037.23	37.23
100%		+30	5290077.68	77.68
100%		+40	5290039.26	39.26
100%		+50	5290088.43	88.43
End. Point	3.60	+20	5290022.86	22.86

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530039.02	39.02
100%		-30	5530028.81	28.81
100%		-20	5530050.68	50.68
100%		-10	5530001.43	1.43
100%		0	5530093.81	93.81
100%		+10	5530078.33	78.33
100%		+30	5530051.90	51.9
100%		+40	5530056.62	56.62
100%		+50	5530018.59	18.59
End. Point	3.60	+20	5530058.24	58.24

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775023.65	23.65
100%		-30	5775078.48	78.48
100%		-20	5775079.08	79.08
100%		-10	5775013.93	13.93
100%		0	5775071.24	71.24
100%		+10	5775083.11	83.11
100%		+30	5775095.93	95.93
100%		+40	5775089.77	89.77
100%		+50	5775088.15	88.15
End. Point	3.60	+20	5775007.08	7.08

Note:

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

5 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,210,000,000 Hz
CHANNEL: 42
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210086.48	86.48
100%		-30	5210034.06	34.06
100%		-20	5210018.30	18.30
100%		-10	5210007.57	7.57
100%		0	5210003.46	3.46
100%		+10	5210076.04	76.04
100%		+30	5210065.69	65.69
100%		+40	5210093.85	93.85
100%		+50	5210027.84	27.84
End. Point	3.60	+20	5210045.06	45.06

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290043.46	43.46
100%		-30	5290012.45	12.45
100%		-20	5290001.73	1.73
100%		-10	5290074.46	74.46
100%		0	5290059.04	59.04
100%		+10	5290098.44	98.44
100%		+30	5290047.39	47.39
100%		+40	5290012.53	12.53
100%		+50	5290081.97	81.97
End. Point	3.60	+20	5290044.77	44.77

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530043.29	43.29
100%		-30	5530070.62	70.62
100%		-20	5530097.53	97.53
100%		-10	5530078.61	78.61
100%		0	5530032.85	32.85
100%		+10	5530041.66	41.66
100%		+30	5530094.51	94.51
100%		+40	5530018.72	18.72
100%		+50	5530099.77	99.77
End. Point	3.60	+20	5530017.69	17.69

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775064.49	64.49
100%		-30	5775039.76	39.76
100%		-20	5775050.32	50.32
100%		-10	5775086.63	86.63
100%		0	5775069.98	69.98
100%		+10	5775037.71	37.71
100%		+30	5775022.92	22.92
100%		+40	5775064.83	64.83
100%		+50	5775047.53	47.53
End. Point	3.60	+20	5775049.75	49.75

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210036.65	36.65
100%		-30	5210038.74	38.74
100%		-20	5210011.34	11.34
100%		-10	5210045.65	45.65
100%		0	5210023.46	23.46
100%		+10	5210036.25	36.25
100%		+30	5210076.07	76.07
100%		+40	5210058.72	58.72
100%		+50	5210066.30	66.30
End. Point	3.60	+20	5210057.61	57.61

Note:

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

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290008.28	8.28
100%		-30	5290016.91	16.91
100%		-20	5290063.90	63.9
100%		-10	5290094.51	94.51
100%		0	5290058.61	58.61
100%		+10	5290025.94	25.94
100%		+30	5290056.33	56.33
100%		+40	5290015.07	15.07
100%		+50	5290087.83	87.83
End. Point	3.60	+20	5290040.67	40.67

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 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530095.52	95.52
100%		-30	5530031.86	31.86
100%		-20	5530089.56	89.56
100%		-10	5530031.30	31.3
100%		0	5530045.92	45.92
100%		+10	5530014.29	14.29
100%		+30	5530079.76	79.76
100%		+40	5530021.11	21.11
100%		+50	5530028.09	28.09
End. Point	3.60	+20	5530053.93	53.93

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775021.46	21.46
100%		-30	5775080.49	80.49
100%		-20	5775021.25	21.25
100%		-10	5775099.49	99.49
100%		0	5775069.42	69.42
100%		+10	5775044.18	44.18
100%		+30	5775077.83	77.83
100%		+40	5775071.03	71.03
100%		+50	5775046.88	46.88
End. Point	3.60	+20	5775012.09	12.09

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210064.24	64.24
100%		-30	5210075.98	75.98
100%		-20	5210082.90	82.90
100%		-10	5210061.53	61.53
100%		0	5210037.31	37.31
100%		+10	5210052.04	52.04
100%		+30	5210028.13	28.13
100%		+40	5210048.14	48.14
100%		+50	5210049.69	49.69
End. Point	3.60	+20	5210008.62	8.62

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290019.86	19.86
100%		-30	5290056.12	56.12
100%		-20	5290040.68	40.68
100%		-10	5290086.14	86.14
100%		0	5290064.94	64.94
100%		+10	5290012.61	12.61
100%		+30	5290077.11	77.11
100%		+40	5290072.34	72.34
100%		+50	5290070.92	70.92
End. Point	3.60	+20	5290009.05	9.05

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530028.32	28.32
100%		-30	5530041.63	41.63
100%		-20	5530012.52	12.52
100%		-10	5530037.31	37.31
100%		0	5530089.02	89.02
100%		+10	5530057.42	57.42
100%		+30	5530056.97	56.97
100%		+40	5530034.76	34.76
100%		+50	5530086.13	86.13
End. Point	3.60	+20	5530059.88	59.88

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775045.37	45.37
100%		-30	5775046.42	46.42
100%		-20	5775039.97	39.97
100%		-10	5775064.51	64.51
100%		0	5775006.20	6.2
100%		+10	5775021.21	21.21
100%		+30	5775050.04	50.04
100%		+40	5775093.71	93.71
100%		+50	5775014.93	14.93
End. Point	3.60	+20	5775021.24	21.24

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210084.17	84.17
100%		-30	5210032.45	32.45
100%		-20	5210021.95	21.95
100%		-10	5210020.75	20.75
100%		0	5210069.94	69.94
100%		+10	5210004.78	4.78
100%		+30	5210044.73	44.73
100%		+40	5210030.40	30.40
100%		+50	5210011.82	11.82
End. Point	3.60	+20	5210048.20	48.20

Note:

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

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290073.64	73.64
100%		-30	5290086.65	86.65
100%		-20	5290001.36	1.36
100%		-10	5290077.06	77.06
100%		0	5290096.36	96.36
100%		+10	5290062.68	62.68
100%		+30	5290090.65	90.65
100%		+40	5290019.67	19.67
100%		+50	5290028.68	28.68
End. Point	3.60	+20	5290054.74	54.74

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530061.04	61.04
100%		-30	5530033.33	33.33
100%		-20	5530084.56	84.56
100%		-10	5530069.03	69.03
100%		0	5530048.92	48.92
100%		+10	5530095.71	95.71
100%		+30	5530045.84	45.84
100%		+40	5530099.74	99.74
100%		+50	5530021.08	21.08
End. Point	3.60	+20	5530008.70	8.7

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775063.57	63.57
100%		-30	5775083.83	83.83
100%		-20	5775016.05	16.05
100%		-10	5775067.34	67.34
100%		0	5775094.23	94.23
100%		+10	5775035.80	35.8
100%		+30	5775080.79	80.79
100%		+40	5775078.67	78.67
100%		+50	5775044.92	44.92
End. Point	3.60	+20	5775083.12	83.12

Note:

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

5 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,210,000,000 Hz
CHANNEL: 42
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210096.60	96.60
100%		-30	5210038.05	38.05
100%		-20	5210055.13	55.13
100%		-10	5210016.75	16.75
100%		0	5210044.41	44.41
100%		+10	5210002.36	2.36
100%		+30	5210030.45	30.45
100%		+40	5210057.99	57.99
100%		+50	5210023.75	23.75
End. Point	3.60	+20	5210066.11	66.11

Note:

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

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290064.61	64.61
100%		-30	5290039.19	39.19
100%		-20	5290064.10	64.1
100%		-10	5290062.18	62.18
100%		0	5290012.40	12.4
100%		+10	5290093.85	93.85
100%		+30	5290072.37	72.37
100%		+40	5290065.73	65.73
100%		+50	5290071.83	71.83
End. Point	3.60	+20	5290076.49	76.49

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530023.30	23.30
100%		-30	5530095.07	95.07
100%		-20	5530071.19	71.19
100%		-10	5530018.14	18.14
100%		0	5530037.30	37.3
100%		+10	5530093.08	93.08
100%		+30	5530098.14	98.14
100%		+40	5530030.63	30.63
100%		+50	5530021.50	21.50
End. Point	3.60	+20	5530020.75	20.75

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775096.14	96.14
100%		-30	5775007.86	7.86
100%		-20	5775087.92	87.92
100%		-10	5775086.57	86.57
100%		0	5775083.69	83.69
100%		+10	5775046.76	46.76
100%		+30	5775053.49	53.49
100%		+40	5775018.07	18.07
100%		+50	5775001.23	1.23
End. Point	3.60	+20	5775092.24	92.24

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210097.49	97.49
100%		-30	5210070.66	70.66
100%		-20	5210080.65	80.65
100%		-10	5210047.87	47.87
100%		0	5210085.82	85.82
100%		+10	5210079.31	79.31
100%		+30	5210027.89	27.89
100%		+40	5210046.29	46.29
100%		+50	5210049.38	49.38
End. Point	3.60	+20	5210094.87	94.87

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290056.38	56.38
100%		-30	5290034.54	34.54
100%		-20	5290086.92	86.92
100%		-10	5290009.78	9.78
100%		0	5290063.52	63.52
100%		+10	5290055.97	55.97
100%		+30	5290015.45	15.45
100%		+40	5290067.07	67.07
100%		+50	5290043.90	43.90
End. Point	3.60	+20	5290085.27	85.27

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530059.51	59.51
100%		-30	5530048.75	48.75
100%		-20	5530093.25	93.25
100%		-10	5530043.92	43.92
100%		0	5530009.91	9.91
100%		+10	5530047.95	47.95
100%		+30	5530032.89	32.89
100%		+40	5530017.62	17.62
100%		+50	5530016.43	16.43
End. Point	3.60	+20	5530056.88	56.88

Note:

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

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775099.20	99.20
100%		-30	5775070.24	70.24
100%		-20	5775009.93	9.93
100%		-10	5775061.74	61.74
100%		0	5775048.47	48.47
100%		+10	5775039.32	39.32
100%		+30	5775045.18	45.18
100%		+40	5775017.97	17.97
100%		+50	5775016.94	16.94
End. Point	3.60	+20	5775094.05	94.05

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.

10.7 STRADDLE CHANNEL

10.7.1 26dB Bandwidth

[Ant1]

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11a	5720 (UNII 2C Band)	144	15.00
802.11n(HT20)			15.16
802.11ac(VHT20)			15.44
802.11a	5720 (UNII 3 Band)	144	4.76
802.11n(HT20)			5.16
802.11ac(VHT20)			5.20

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 2C Band)	142	36.20
802.11ac(VHT40)			35.24
802.11n(HT40)	5710 (UNII 3 Band)	142	6.28
802.11ac(VHT40)			5.00

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 2C Band)	138	78.44
	5690 (UNII 3 Band)	138	9.04

▣ Test Plots (26dB Bandwidth)

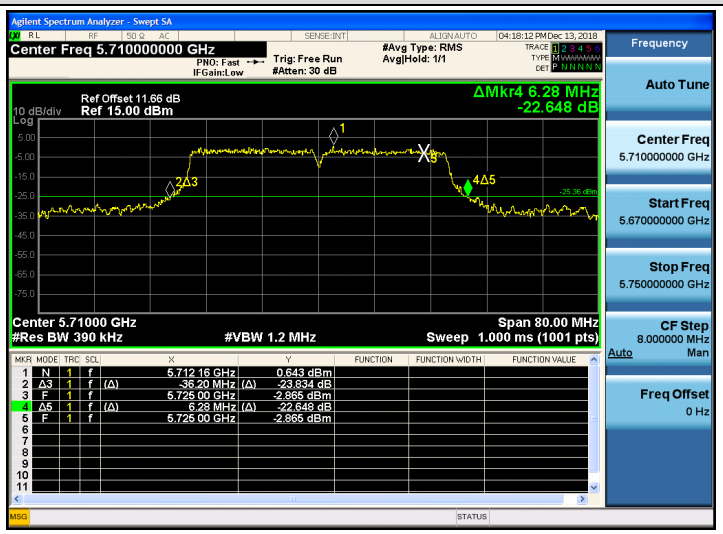
802.11a UNII Band

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]

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11a	5720 (UNII 2C Band)	144	14.56
802.11n(HT20)			15.28
802.11ac(VHT20)			15.24
802.11a	5720 (UNII 3 Band)	144	4.72
802.11n(HT20)			5.28
802.11ac(VHT20)			5.16

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 2C Band)	142	35.96
802.11ac(VHT40)			35.16
802.11n(HT40)	5710 (UNII 3 Band)	142	5.96
802.11ac(VHT40)			5.08

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 2C Band)	138	77.24
	5690 (UNII 3 Band)	138	8.44

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band

802.11n(HT20) UNII Band

802.11ac(VHT20) UNII Band