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Appendix B.1: Maximum output power

802.11a mode:

Channel	Channel Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	E.I.R.P Power (dBm)	FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
36	5180	12.60	5.74	16.010	23.98	22.16	Pass
40	5200	11.92	6.70	15.330	23.98	22.15	Pass
48	5240	11.81	7.63	15.220	23.98	22.15	Pass
52	5260	14.18	11.94	18.950	23.98	30	Pass
60	5300	14.68	11.01	19.450	23.98	30	Pass
64	5320	13.54	12.64	18.310	23.98	30	Pass
100	5500	13.98	14.18	17.590	23.98	30	Pass
116	5580	13.71	15.22	18.630	23.98	30	Pass
140	5700	14.10	15.16	18.570	23.98	30	Pass
149	5745	13.95	14.59	18.000	30	36	Pass
157	5785	13.99	15.29	18.700	30	36	Pass
165	5825	13.76	13.06	18.530	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.= $P_{(Peak\ power)} + G$, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11n(HT20) mode:

Channel	Channel Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
36	5180	12.33	6.91	13.426	18.196	23.98	22.45	Pass
40	5200	12.17	7.10	13.347	18.117	23.98	22.45	Pass
48	5240	11.83	7.91	13.308	18.078	23.98	22.46	Pass
52	5260	14.93	12.52	16.900	21.670	23.98	30	Pass
60	5300	14.77	12.66	16.852	21.622	23.98	30	Pass
64	5320	14.68	12.98	16.923	21.693	23.98	30	Pass
100	5500	13.31	15.60	17.615	22.385	23.98	30	Pass
116	5580	13.17	16.22	17.968	22.738	23.98	30	Pass
140	5700	14.24	16.42	18.476	23.246	23.98	30	Pass
149	5745	14.31	15.21	17.794	22.564	30	36	Pass
157	5785	14.17	14.94	17.582	22.352	30	36	Pass
165	5825	13.94	14.32	17.144	21.914	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.= $P_{(Peak\ power)} + G$, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11ac(VHT20) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
36	5180	10.97	6.29	12.242	17.012	23.98	22.46	Pass
40	5200	12.75	7.06	13.787	18.557	23.98	22.46	Pass
48	5240	10.86	6.77	12.290	17.060	23.98	22.46	Pass
52	5260	13.77	11.23	15.693	20.463	23.98	30	Pass
60	5300	13.1	10.71	15.078	19.848	23.98	30	Pass
64	5320	13.94	11.03	15.735	20.505	23.98	30	Pass
100	5500	12.51	14.77	16.796	21.566	23.98	30	Pass
116	5580	13.18	14.61	16.964	21.734	23.98	30	Pass
140	5700	14.2	14.91	17.580	22.350	23.98	30	Pass
149	5745	13.89	14.57	17.254	22.024	30	36	Pass
157	5785	13.52	13.48	16.510	21.280	30	36	Pass
165	5825	12.9	12.46	15.696	20.466	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.=P_(Peak power)+ G, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11ax(HE20) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
36	5180	11.58	5.87	12.613	17.383	23.98	22.46	Pass
40	5200	11.44	5.35	12.395	17.165	23.98	22.46	Pass
48	5240	12.61	6.44	13.550	18.320	23.98	22.46	Pass
52	5260	11.12	8.59	13.047	17.817	23.98	30	Pass
60	5300	11.51	9.32	13.562	18.332	23.98	30	Pass
64	5320	11.85	9.34	13.784	18.554	23.98	30	Pass
100	5500	11.12	12.22	14.715	19.485	23.98	30	Pass
116	5580	11.75	12.80	15.317	20.087	23.98	30	Pass
140	5700	12.15	13.00	15.606	20.376	23.98	30	Pass
149	5745	12.44	12.89	15.681	20.451	30	36	Pass
157	5785	11.32	11.68	14.514	19.284	30	36	Pass
165	5825	11.5	11.63	14.576	19.346	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.=P_(Peak power)+ G, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11n(HT40) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
38	5190	13.21	11.03	15.266	20.036	23.98	22.56	Pass
46	5230	13.22	10.88	15.216	19.986	23.98	22.57	Pass
54	5270	13.23	10.78	15.186	19.956	23.98	30	Pass
62	5310	14.01	11.09	15.801	20.571	23.98	30	Pass
102	5510	12.77	14.09	16.490	21.260	23.98	30	Pass
110	5550	12.76	14.62	16.799	21.569	23.98	30	Pass
134	5670	13.56	14.89	17.286	22.056	23.98	30	Pass
151	5755	12.88	13.66	16.298	21.068	30	36	Pass
159	5795	12.71	11.93	15.348	20.118	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.=P_(Peak power)+ G, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11ac(VHT40) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
38	5190	12.7	10.15	14.620	19.390	23.98	22.57	Pass
46	5230	12.07	8.97	13.801	18.571	23.98	22.56	Pass
54	5270	13.19	10.30	14.991	19.761	23.98	30	Pass
62	5310	12.58	11.25	14.976	19.746	23.98	30	Pass
102	5510	12.69	12.99	15.853	20.623	23.98	30	Pass
110	5550	12.53	12.91	15.734	20.504	23.98	30	Pass
134	5670	13.22	13.17	16.205	20.975	23.98	30	Pass
151	5755	13.03	12.44	15.755	20.525	30	36	Pass
159	5795	11.55	11.96	14.770	19.540	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.=P_(Peak power)+ G, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11ax(HE40) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
38	5190	10.93	8.17	12.776	17.546	23.98	22.57	Pass
46	5230	11.66	8.75	13.455	18.225	23.98	22.56	Pass
54	5270	12.89	8.02	14.115	18.885	23.98	30	Pass
62	5310	11.16	8.85	13.167	17.937	23.98	30	Pass
102	5510	11.38	10.98	14.195	18.965	23.98	30	Pass
110	5550	11.09	11.25	14.181	18.951	23.98	30	Pass
134	5670	12.78	13.80	16.330	21.100	23.98	30	Pass
151	5755	11.22	11.30	14.270	19.040	30	36	Pass
159	5795	11.37	10.53	13.981	18.751	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.=P_(Peak power)+ G, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11ac(VHT80) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
42	5210	11.72	7.82	13.204	17.974	23.98	23	Pass
58	5290	10.91	7.64	12.586	17.356	23.98	30	Pass
106	5530	11.97	11.15	14.590	19.360	23.98	30	Pass
122	5610	10.69	11.51	14.130	18.900	23.98	30	Pass
155	5775	11.32	10.62	13.994	18.764	30	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
e.i.r.p.=P_(Peak power)+ G, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

802.11ax(HE80) mode:

Channel	Frequency (MHz)	ANT1_Conducted Power (dBm)	ANT2_Conducted Power (dBm)	Total (dBm)		FCC Limit (dBm)	IC E.I.R.P Limit (dBm)	Result
				Conducted	EIRP ³			
42	5210	10.76	6.34	12.100	16.870	23.98	23	Pass
58	5290	11.16	6.30	12.387	17.157	23.98	30	Pass
106	5530	10.68	10.35	13.528	18.298	23.98	30	Pass
122	5610	10.72	10.21	13.483	18.253	23.98	30	Pass
155	5775	11.31	9.62	13.557	18.327	30	36	Pass

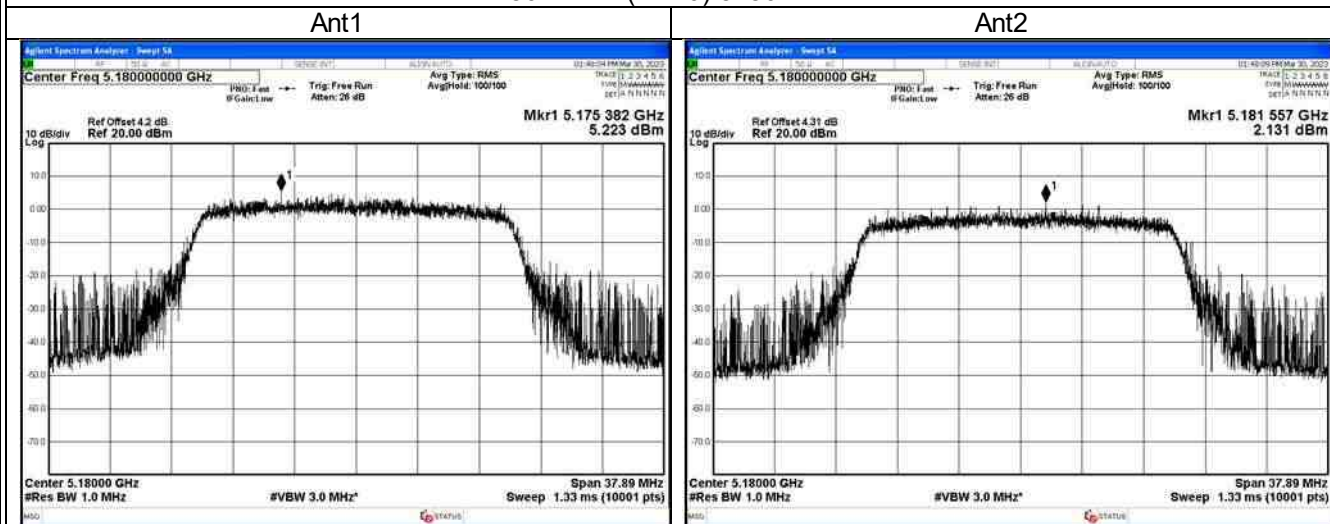
Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/n/ac/ax: ANT1: 3.41 dBi , ANT2: 4.77 dBi, 4.77dBi(MIMO)
 $e.i.r.p.=P_{(Peak\ power)}+ G$, which is far below the IC Limit
- 3) Antennas 1 and 2 are uncorrelated, and MIMO antenna gain is the maximum of the two antennas.

Appendix B.2: Power Spectral Density

Worst case

802.11 ax(HE20) 5180MHz



802.11a mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
36	5180	3.500	6.910	-0.945	3.825	--	--	11	10	Pass
44	5200	3.200	6.610	-1.211	3.559	--	--	11	10	Pass
48	5240	2.982	6.392	-0.283	4.487	--	--	11	10	Pass
52	5260	6.655	6.655	1.208	1.208	--	--	11	11	Pass
56	5300	5.769	5.769	1.236	1.236	--	--	11	11	Pass
64	5320	5.968	5.968	1.564	1.564	--	--	11	11	Pass
100	5500	5.878	5.878	5.113	5.113	--	--	11	11	Pass
116	5580	5.636	5.636	5.758	5.758	--	--	11	11	Pass
140	5700	6.53	6.53	5.521	5.521	--	--	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	3.179	1.975	5.629	30	Pass
157	5785	2.853	0.835	4.970	30	Pass
165	5825	2.203	-0.731	3.989	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11n(HT20) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
36	5180	2.998	6.408	-1.298	3.472	4.371	9.141	11	10	Pass
44	5200	2.872	6.282	-0.731	4.039	4.444	9.214	11	10	Pass
48	5240	2.858	6.268	-0.352	4.418	4.553	9.323	11	10	Pass
52	5260	5.309	5.309	1.066	1.066	6.697	6.697	11	11	Pass
56	5300	5.595	5.595	1.559	1.559	7.040	7.040	11	11	Pass
64	5320	6.257	6.257	1.320	1.320	7.466	7.466	11	11	Pass
100	5500	5.501	5.501	5.191	5.191	8.359	8.359	11	11	Pass
116	5580	5.723	5.723	5.347	5.347	8.549	8.549	11	11	Pass
140	5700	5.449	5.449	5.367	5.367	8.418	8.418	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	2.259	0.773	4.590	30	Pass
157	5785	2.149	0.120	4.262	30	Pass
165	5825	1.756	-1.016	3.598	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11ac(VHT20) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
36	5180	2.552	5.962	-1.268	3.502	4.059	8.829	11	10	Pass
44	5200	2.504	5.914	-1.613	3.157	3.926	8.696	11	10	Pass
48	5240	2.836	6.246	-1.188	3.582	4.285	9.055	11	10	Pass
52	5260	6.129	6.129	0.695	0.695	7.222	7.222	11	11	Pass
56	5300	5.173	5.173	1.402	1.402	6.695	6.695	11	11	Pass
64	5320	5.909	5.909	1.136	1.136	7.158	7.158	11	11	Pass
100	5500	5.598	5.598	4.754	4.754	8.207	8.207	11	11	Pass
116	5580	5.248	5.248	5.411	5.411	8.341	8.341	11	11	Pass
140	5700	5.606	5.606	5.348	5.348	8.489	8.489	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	2.551	0.856	4.796	30	Pass
157	5785	1.986	0.627	4.370	30	Pass
165	5825	1.813	-0.924	3.667	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11ax(HE20) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
36	5180	3.141	6.551	0.146	4.916	4.907	9.677	11	10	Pass
44	5200	1.999	5.409	-1.262	3.508	3.678	8.448	11	10	Pass
48	5240	2.339	5.749	-1.247	3.523	3.916	8.686	11	10	Pass
52	5260	6.241	6.241	0.488	0.488	7.265	7.265	11	11	Pass
56	5300	4.990	4.990	0.605	0.605	6.339	6.339	11	11	Pass
64	5320	4.459	4.459	0.703	0.703	5.985	5.985	11	11	Pass
100	5500	5.118	5.118	5.026	5.026	8.083	8.083	11	11	Pass
116	5580	5.093	5.093	4.722	4.722	7.922	7.922	11	11	Pass
140	5700	5.041	5.041	5.038	5.038	8.050	8.050	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	0.662	1.379	4.046	30	Pass
157	5785	1.724	1.200	4.480	30	Pass
165	5825	1.188	-1.057	3.219	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11n(HT40) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
38	5190	3.048	6.458	0.285	5.055	4.893	9.663	11	10	Pass
46	5230	2.707	6.117	-1.162	3.608	4.200	8.970	11	10	Pass
54	5270	3.715	3.715	-0.877	-0.877	5.010	5.010	11	10	Pass
62	5310	3.459	3.459	-1.131	-1.131	4.754	4.754	11	11	Pass
102	5510	3.453	3.453	4.064	4.064	6.780	6.780	11	11	Pass
110	5550	3.656	3.656	3.632	3.632	6.654	6.654	11	11	Pass
134	5670	4.430	4.430	3.623	3.623	7.056	7.056	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
151	5755	1.577	-1.638	3.271	30	Pass
159	5795	-0.599	-2.154	1.703	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11ac(VHT40) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
38	5190	2.767	6.177	-0.696	4.074	4.382	9.152	11	10	Pass
46	5230	3.001	6.411	-1.164	3.606	4.410	9.180	11	10	Pass
54	5270	3.694	3.694	-1.286	-1.286	4.892	4.892	11	11	Pass
62	5310	2.860	2.860	-1.177	-1.177	4.305	4.305	11	11	Pass
102	5510	3.701	3.701	3.147	3.147	6.443	6.443	11	11	Pass
110	5550	3.855	3.855	3.251	3.251	6.574	6.574	11	11	Pass
134	5670	4.182	4.182	4.191	4.191	7.197	7.197	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
151	5755	1.077	-1.894	2.851	30	Pass
159	5795	-0.585	-2.088	1.738	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11ax(HE40) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
38	5190	2.311	7.081	-0.608	4.162	4.103	8.873	11	10	Pass
46	5230	3.047	7.817	-1.442	3.328	4.369	9.139	11	10	Pass
54	5270	1.849	1.849	-1.260	-1.260	3.577	3.577	11	11	Pass
62	5310	2.007	2.007	-1.502	-1.502	3.608	3.608	11	11	Pass
102	5510	1.866	1.866	2.923	2.923	5.437	5.437	11	11	Pass
110	5550	3.869	3.869	1.984	1.984	6.038	6.038	11	11	Pass
134	5670	4.004	4.004	3.061	3.061	6.568	6.568	11	11	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
151	5755	0.649	-1.519	2.709	30	Pass
159	5795	0.569	-2.105	2.445	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11ac(VHT80) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
42	5210	0.399	5.169	-5.009	-0.239	1.498	6.268	11	10	Pass
58	5290	-1.287	-1.287	-5.248	-5.248	0.180	0.180	11	10	Pass
106	5530	-0.048	-0.048	-0.988	-0.988	2.518	2.518	11	10	Pass
122	5610	-0.541	-0.541	-1.364	-1.364	2.077	2.077	11	10	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
155	5775	-3.699	-6.335	-1.81	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

802.11ax(HE80) mode:

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/MHz)		ANT2_Power Spectral Density (dBm/MHz)		Total_Power Spectral Density (dBm/MHz)		FCC Limit (dBm/MHz)	IC E.I.R.P. Limit (dBm/MHz ⁽²⁾)	Result
		FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾	FCC	IC ⁽¹⁾			
42	5210	0.229	4.999	-4.918	-0.148	1.387	6.157	11	10	Pass
58	5290	-1.797	-1.797	-3.280	-3.280	0.535	0.535	11	10	Pass
106	5530	-0.255	-0.255	-0.793	-0.793	2.495	2.495	11	10	Pass
122	5610	-0.580	-0.580	-0.434	-0.434	2.504	2.504	11	10	Pass

Channel	Channel Frequency (MHz)	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
155	5775	-1.127	-3.979	0.687	30	Pass

Note:

(1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

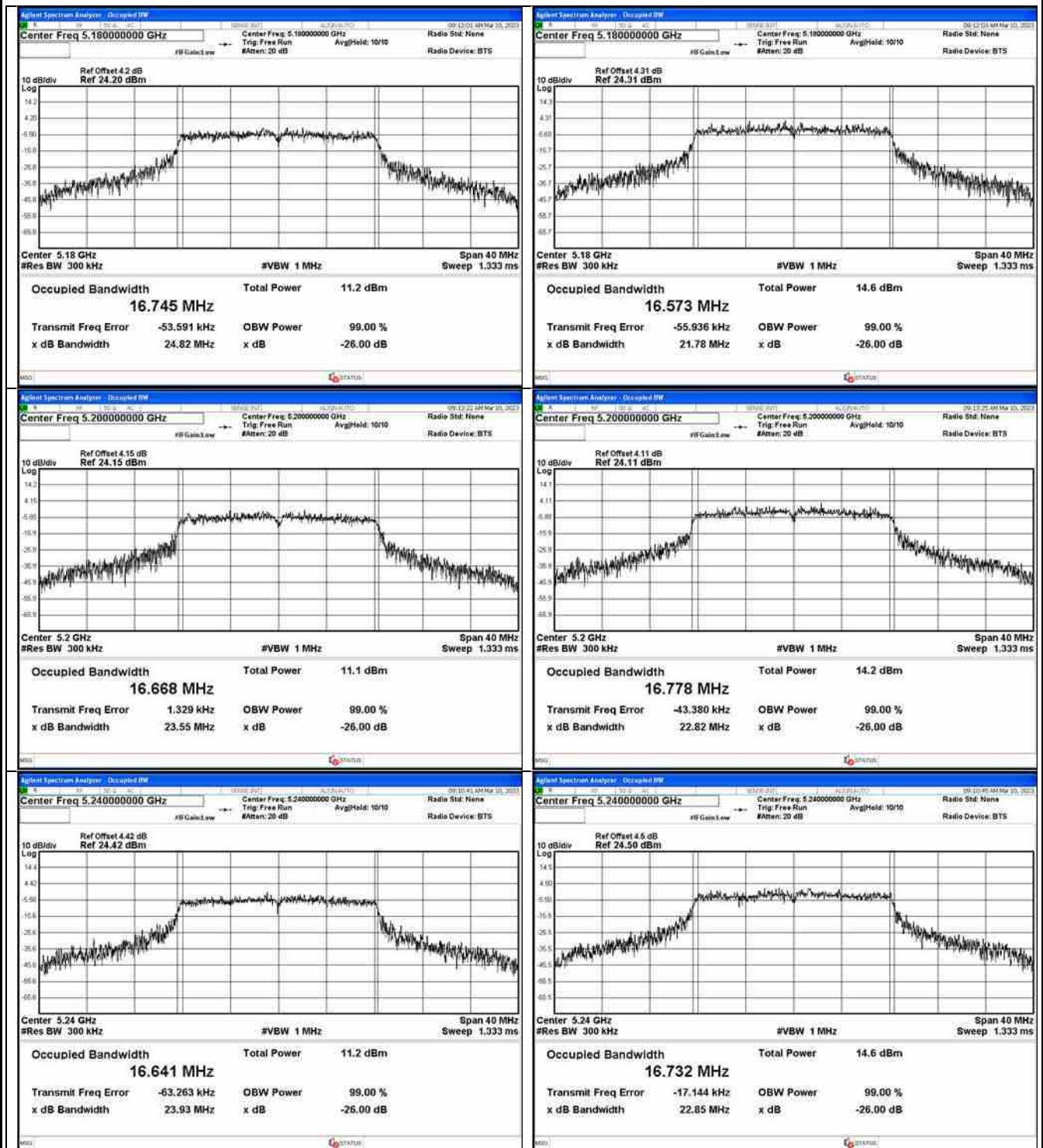
(2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.

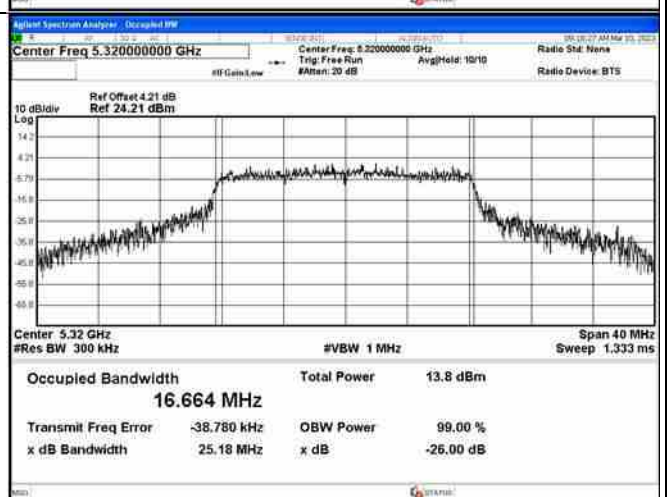
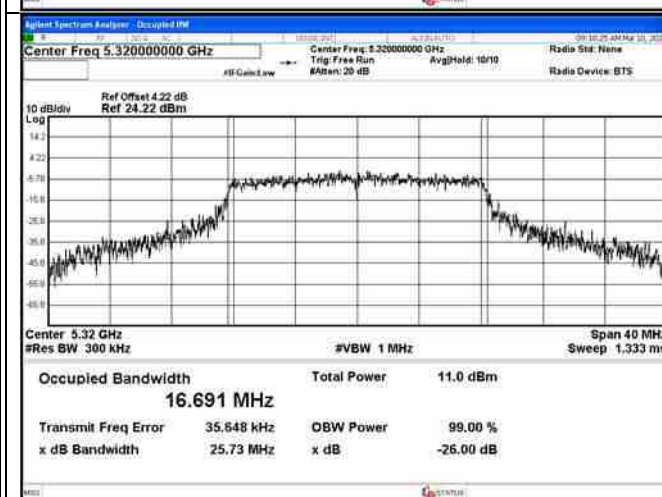
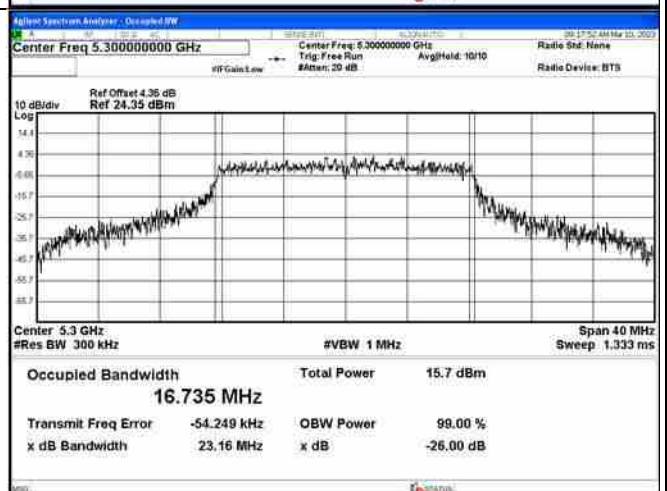
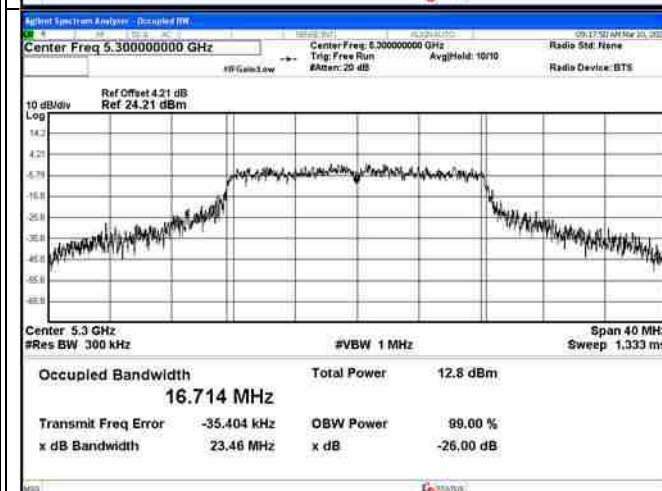
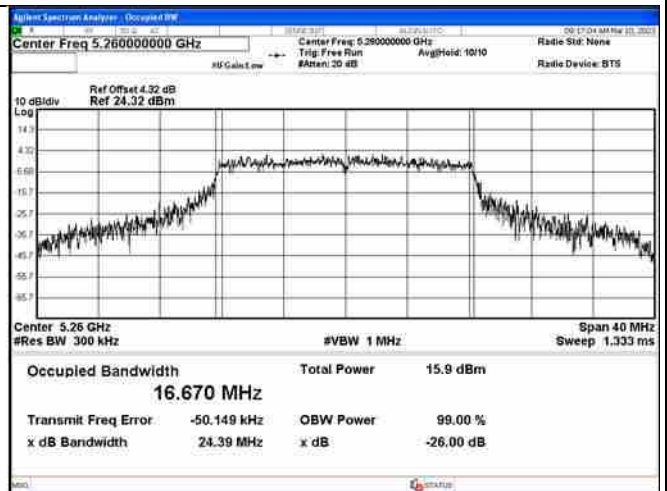
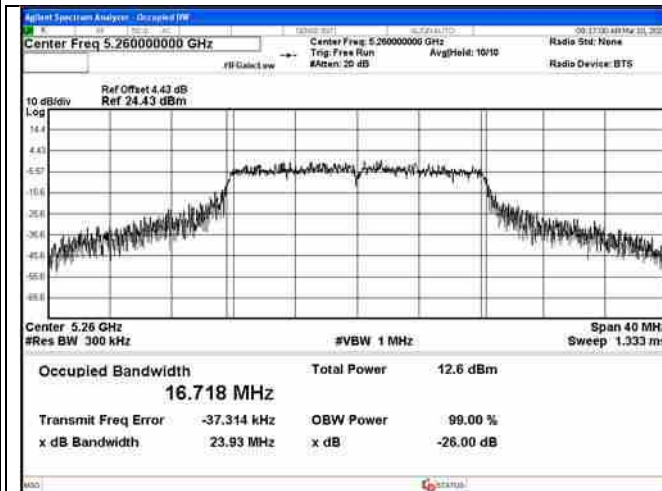
Appendix B.3: 26dB Bandwidth and 99% Bandwidth

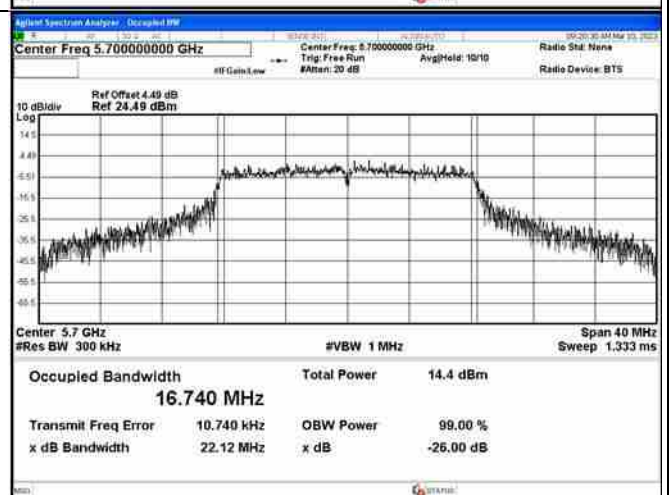
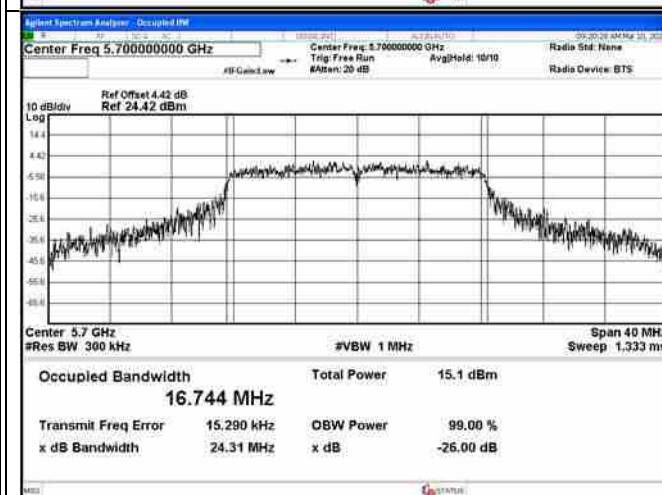
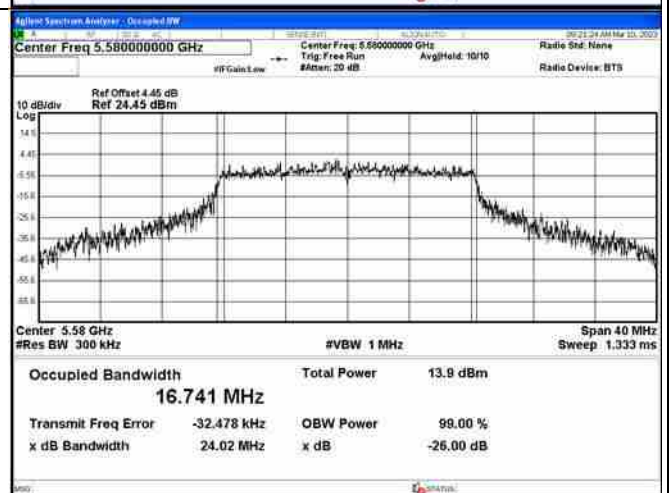
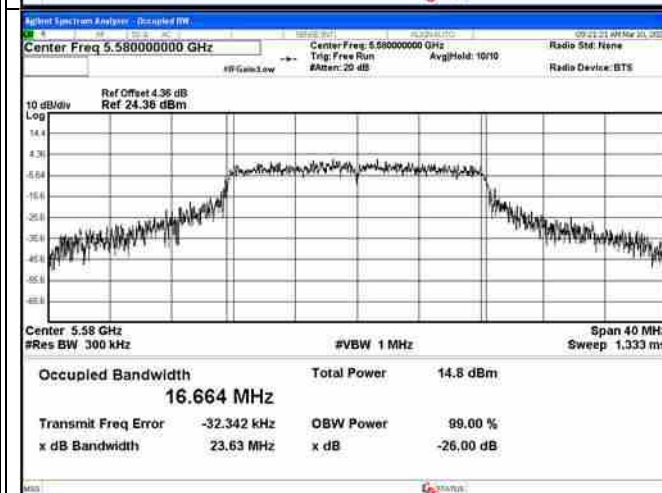
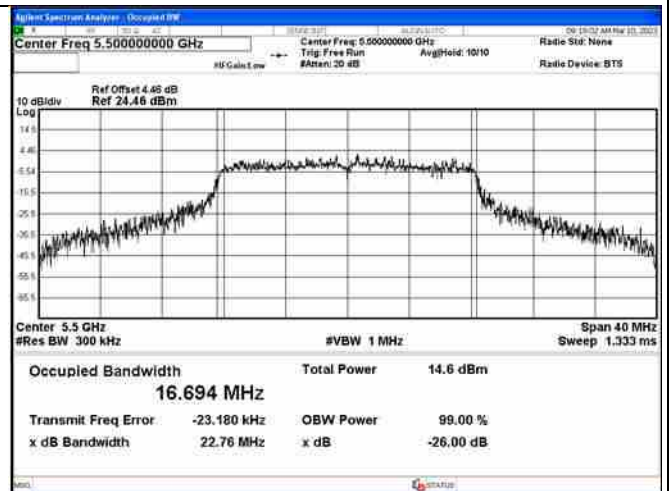
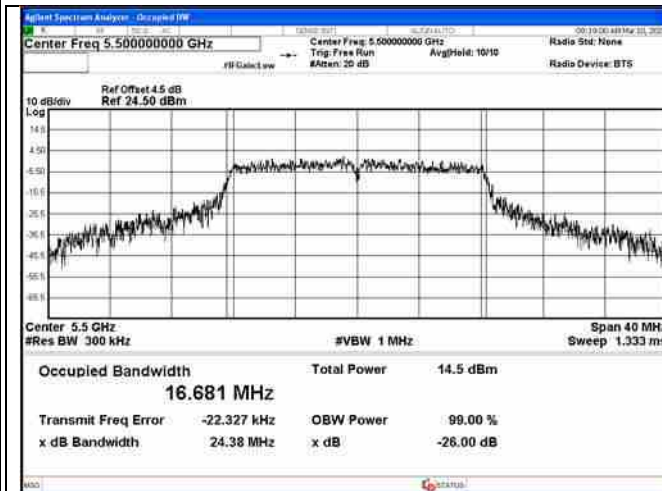
802.11a mode:

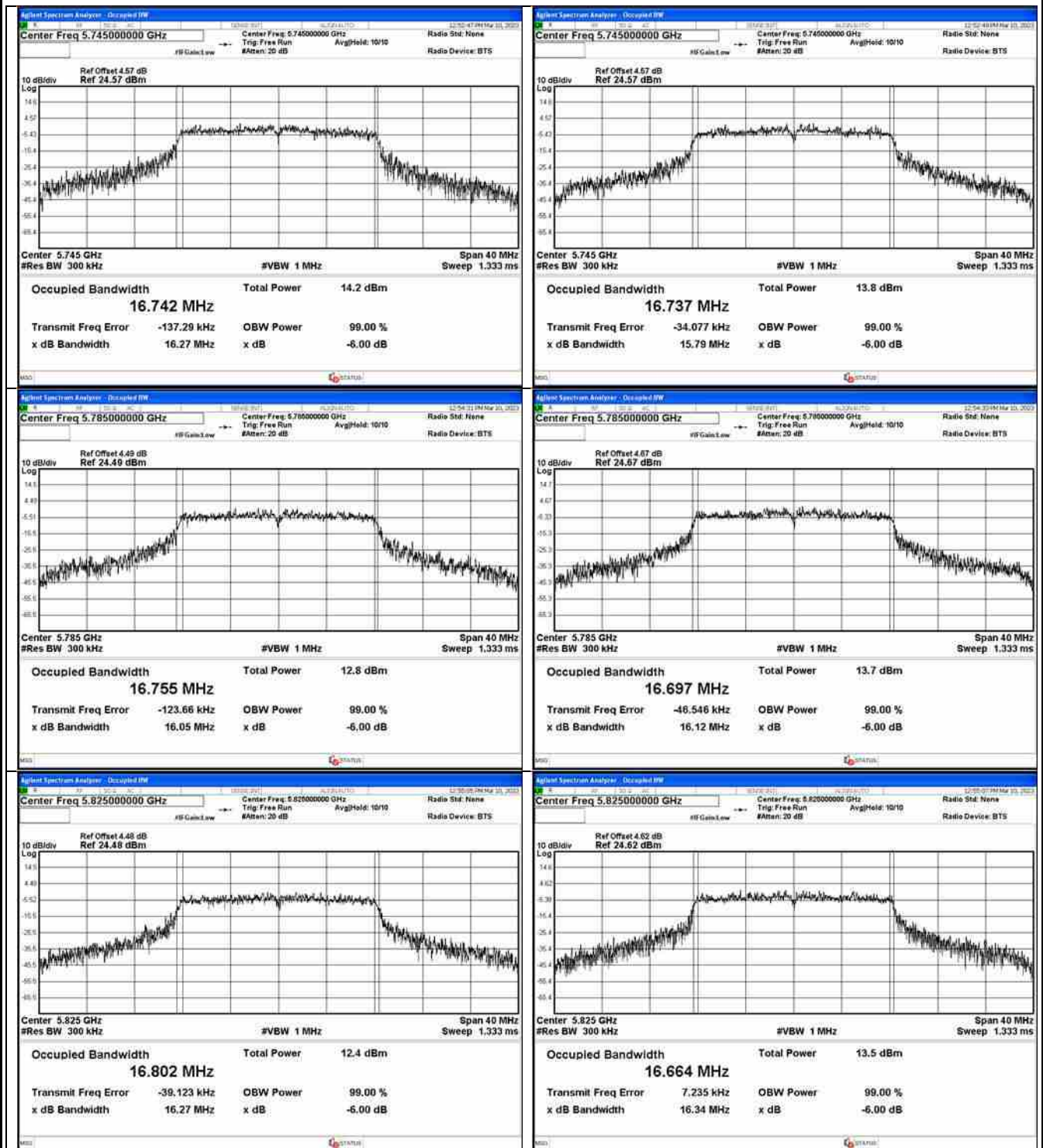
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	24.82	16.7451	21.78	16.5729
44	5200	23.55	16.6676	22.82	16.7775
48	5240	23.93	16.6412	22.85	16.7325
52	5260	23.93	16.7176	24.39	16.6701
56	5300	23.46	16.7137	23.16	16.7346
64	5320	25.73	16.6911	25.18	16.6639
100	5500	24.38	16.6810	22.76	16.6944
116	5580	23.63	16.6643	24.02	16.7407
140	5700	24.31	16.7442	22.12	16.7404

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	16.27	16.7417	15.79	16.7366
157	5785	16.05	16.7554	16.12	16.6970
165	5825	16.27	16.8017	16.34	16.6641





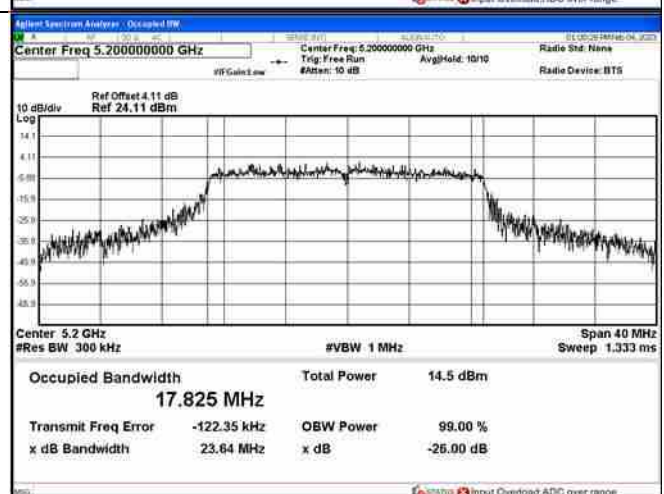
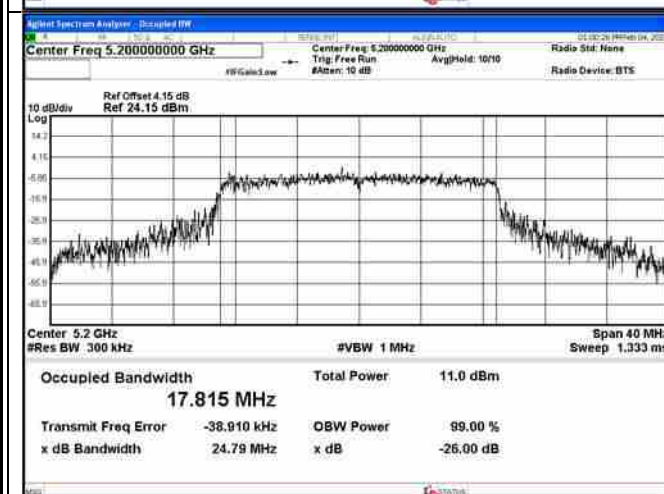
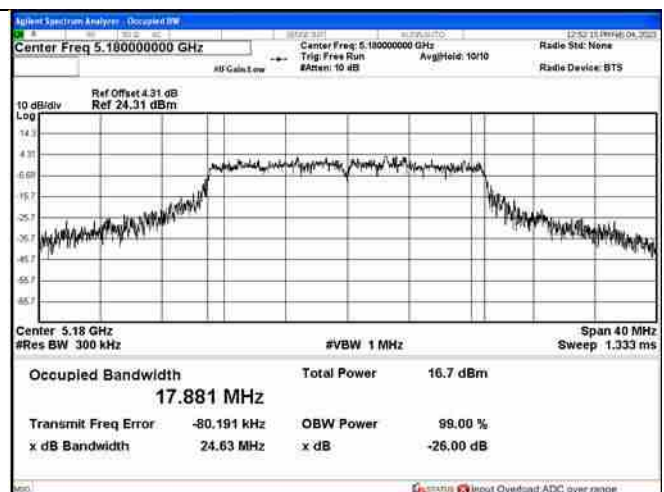
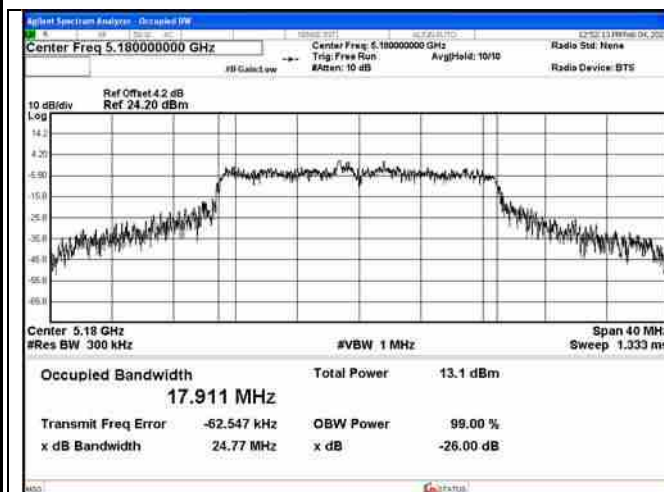


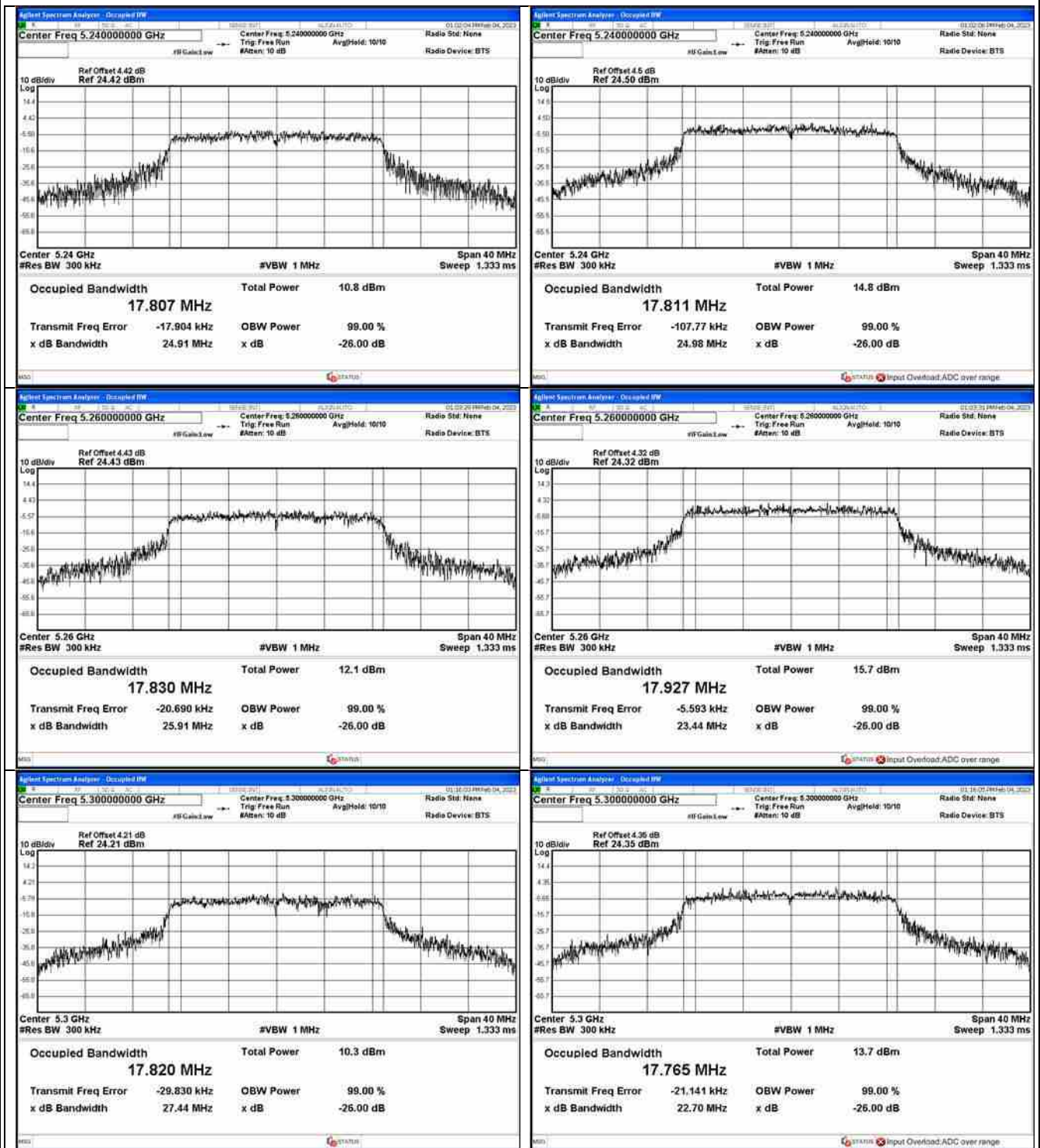


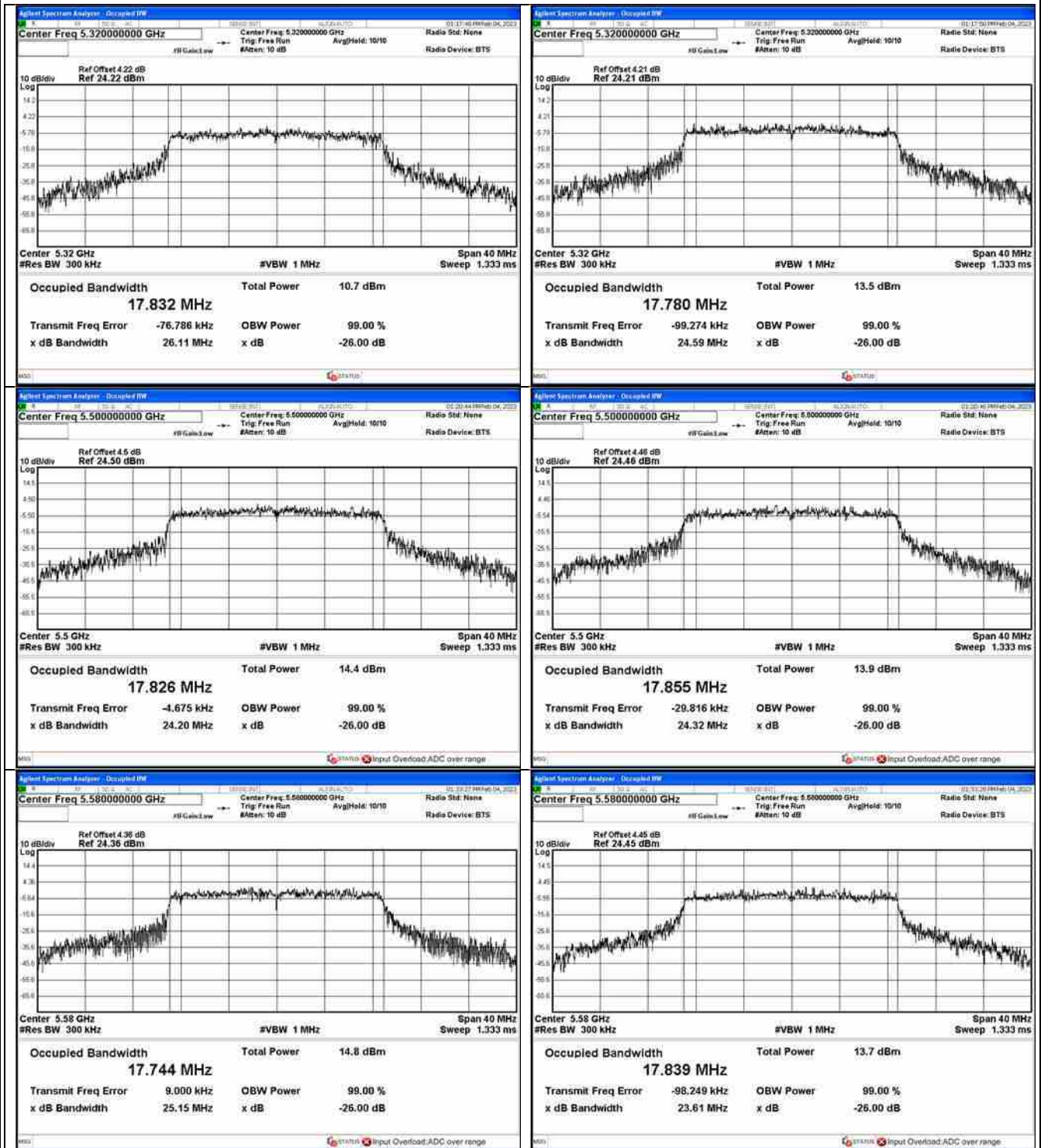
802.11n(HT20) mode:

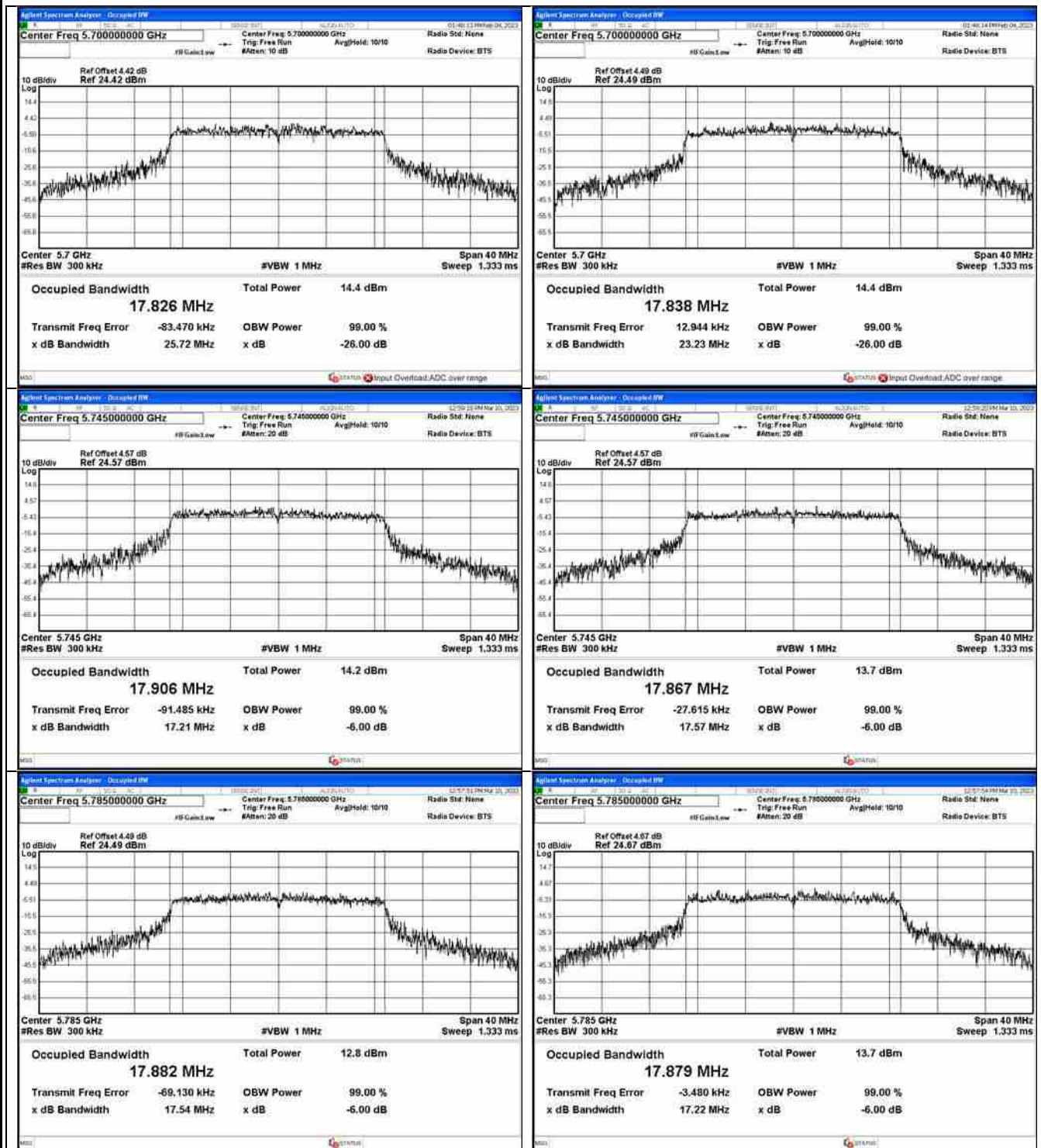
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	24.77	17.911	24.63	17.881
44	5200	24.79	17.815	23.64	17.825
48	5240	24.91	17.807	24.98	17.811
52	5260	25.91	17.830	23.44	17.927
56	5300	27.44	17.820	22.70	17.765
64	5320	26.11	17.832	24.59	17.780
100	5500	24.20	17.826	24.32	17.855
116	5580	25.15	17.744	23.61	17.839
140	5700	25.72	17.826	23.23	17.838

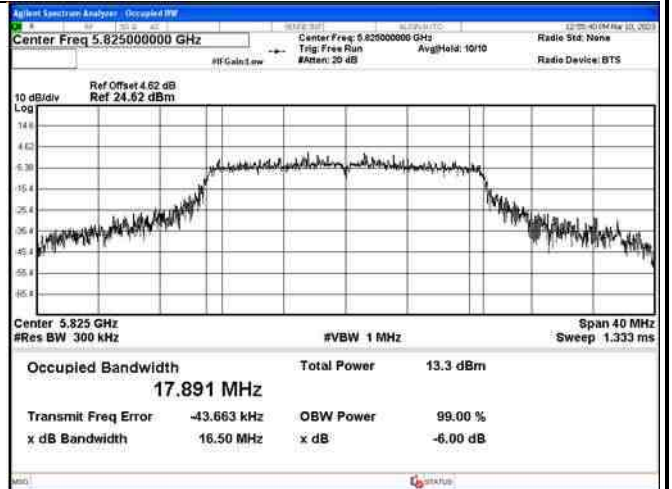
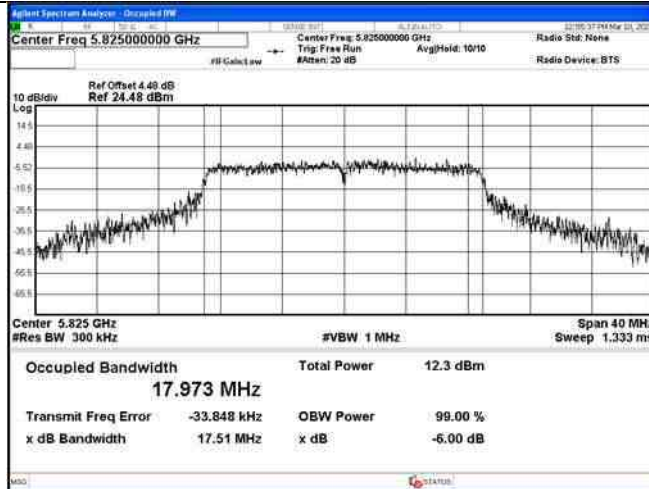
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.21	17.9061	17.57	17.8667
157	5785	17.54	17.8823	17.22	17.8785
165	5825	17.51	17.9725	16.50	17.8910







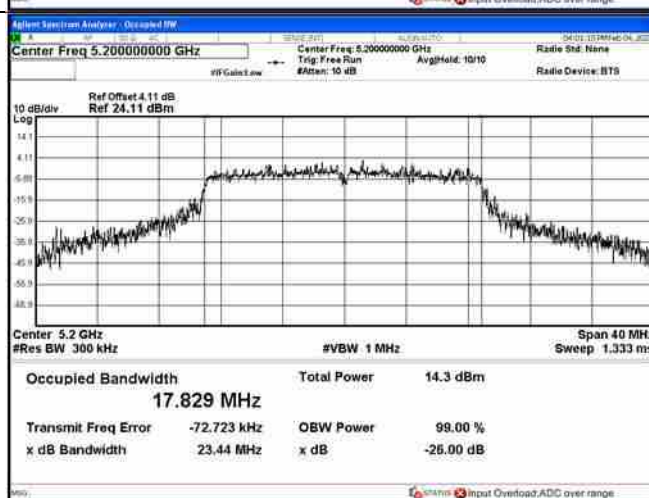
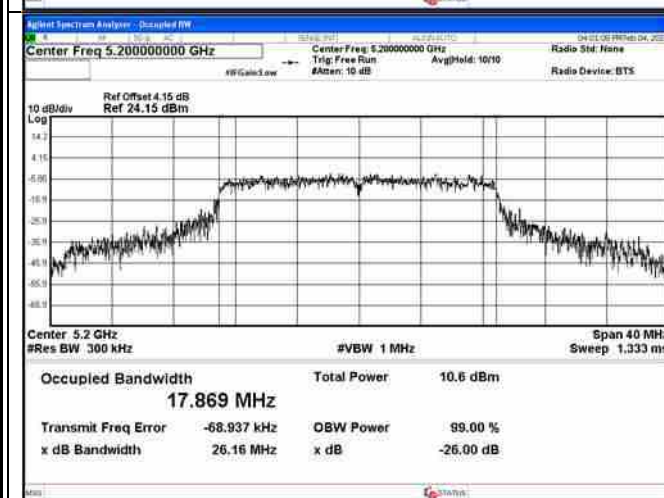
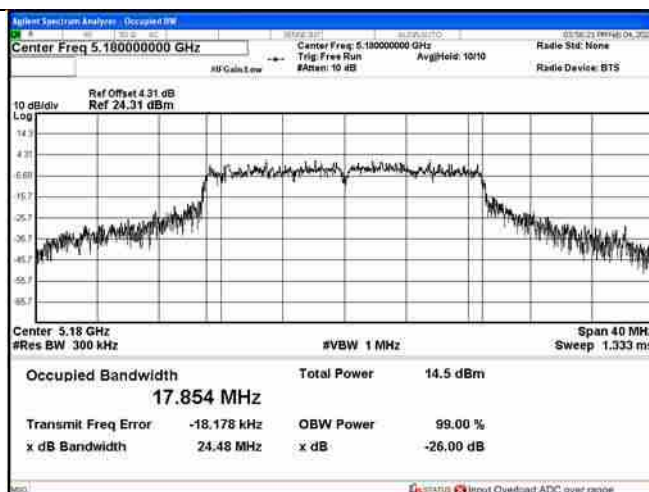
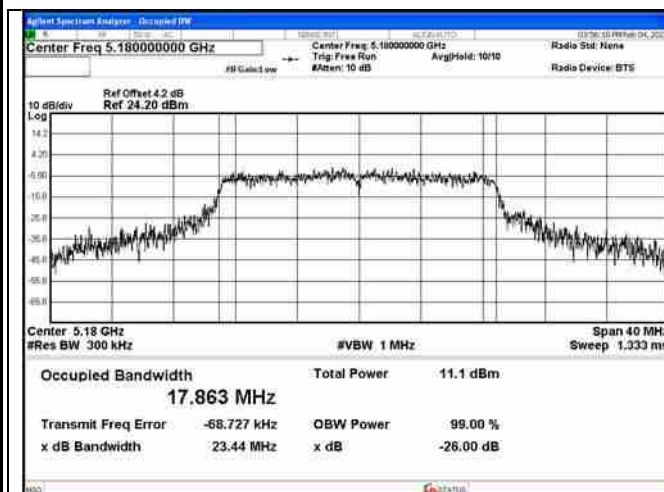


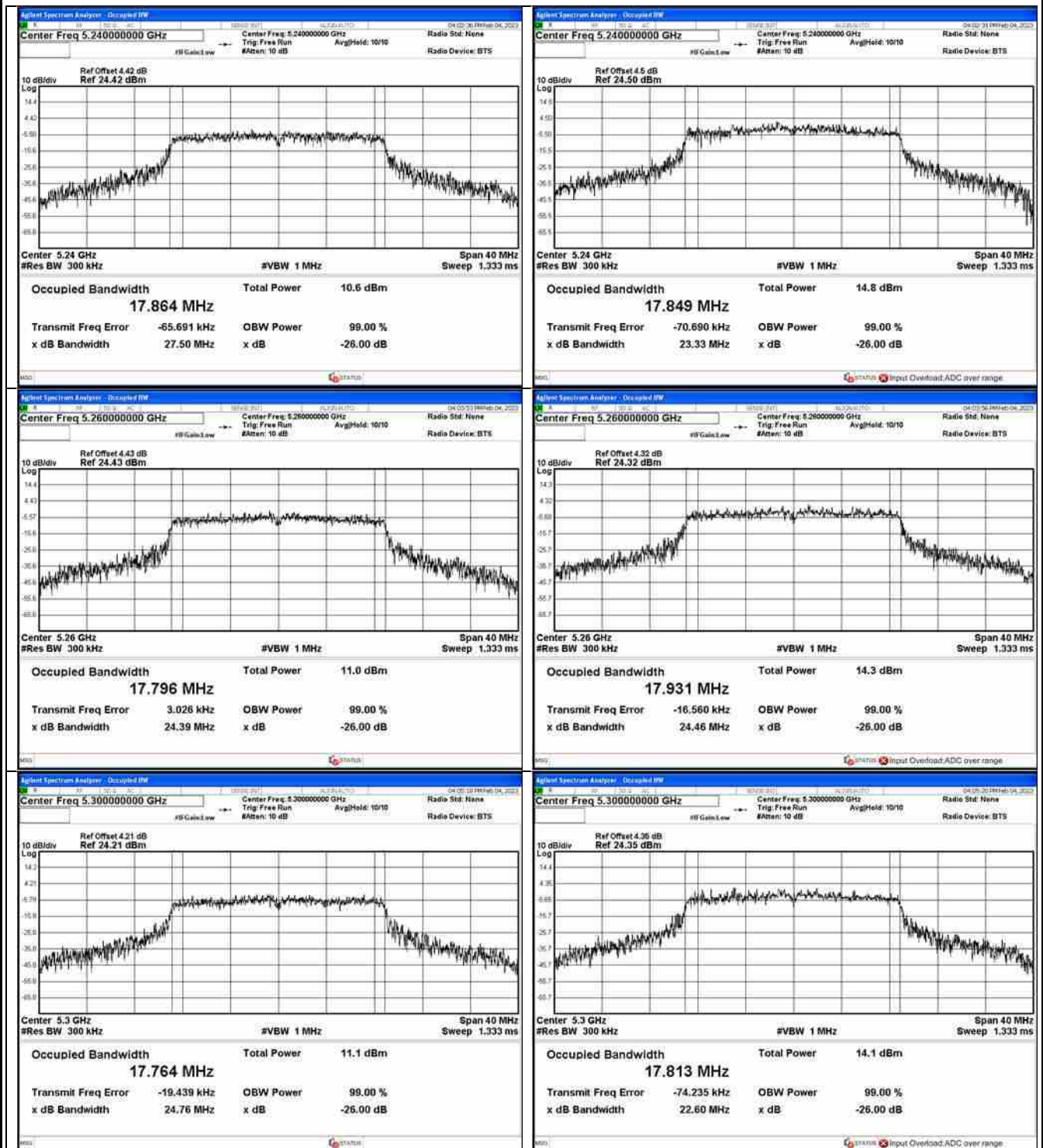


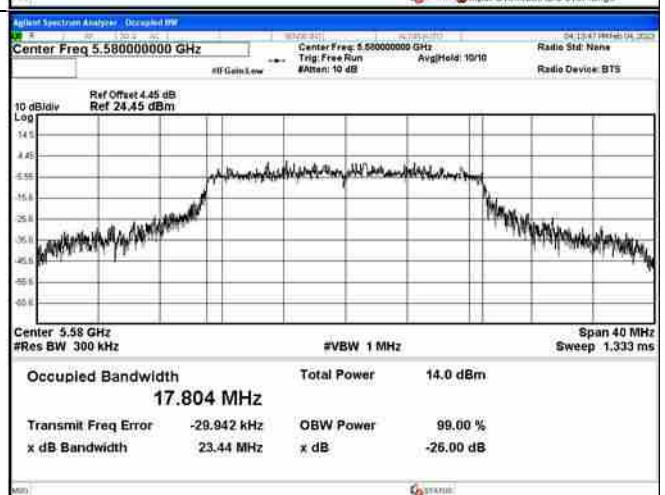
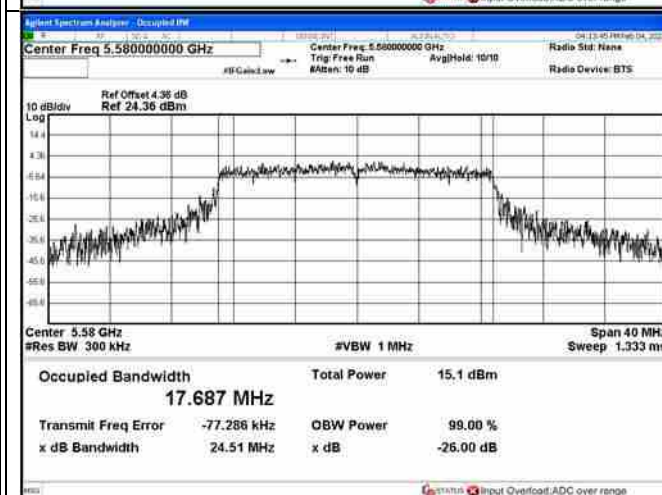
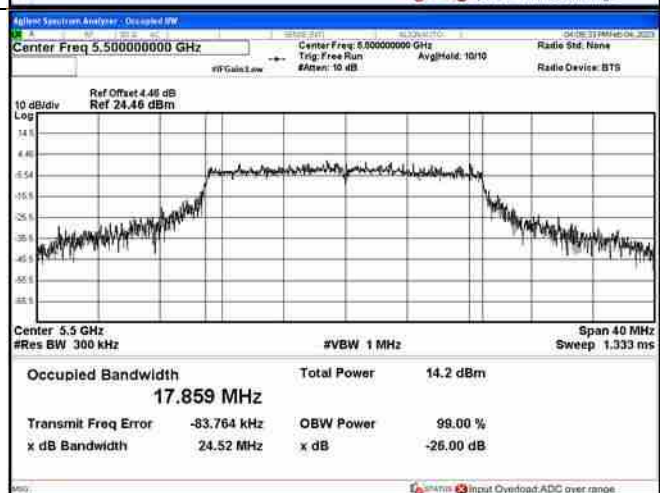
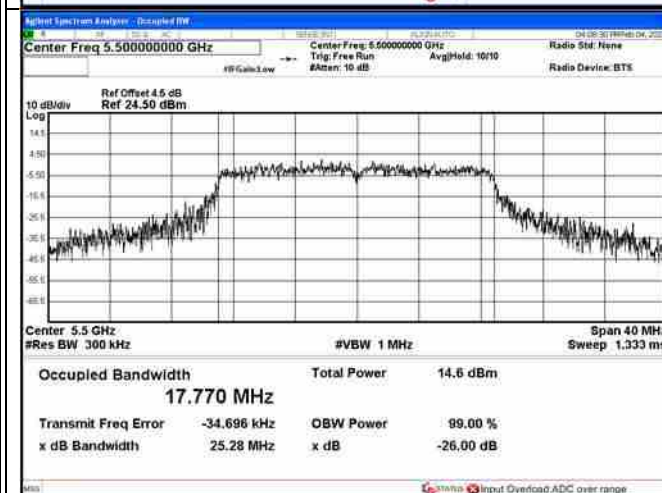
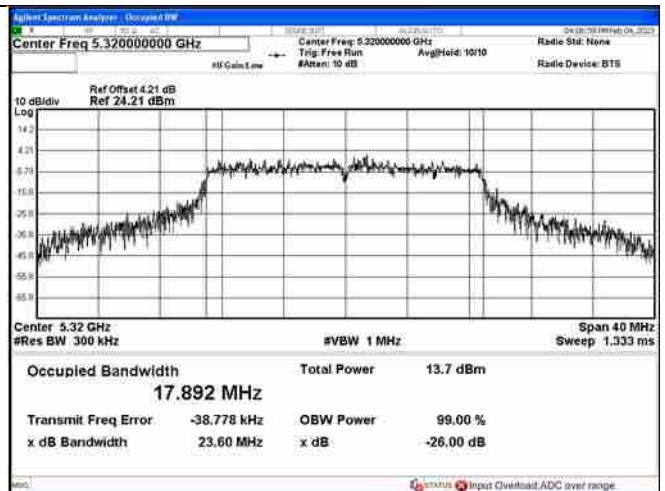
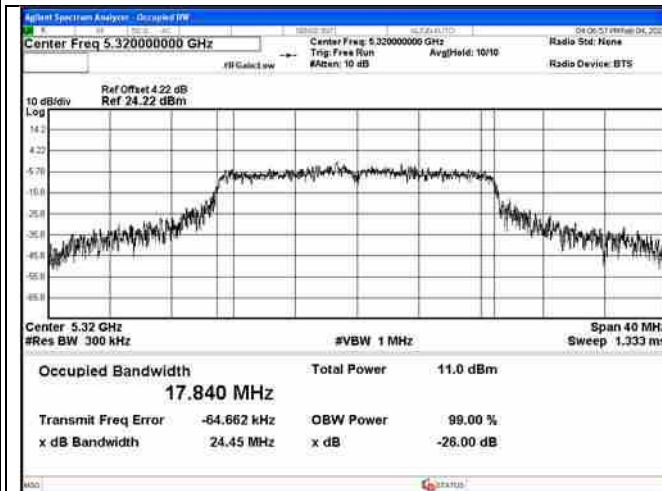
802.11ac(VHT20) mode:

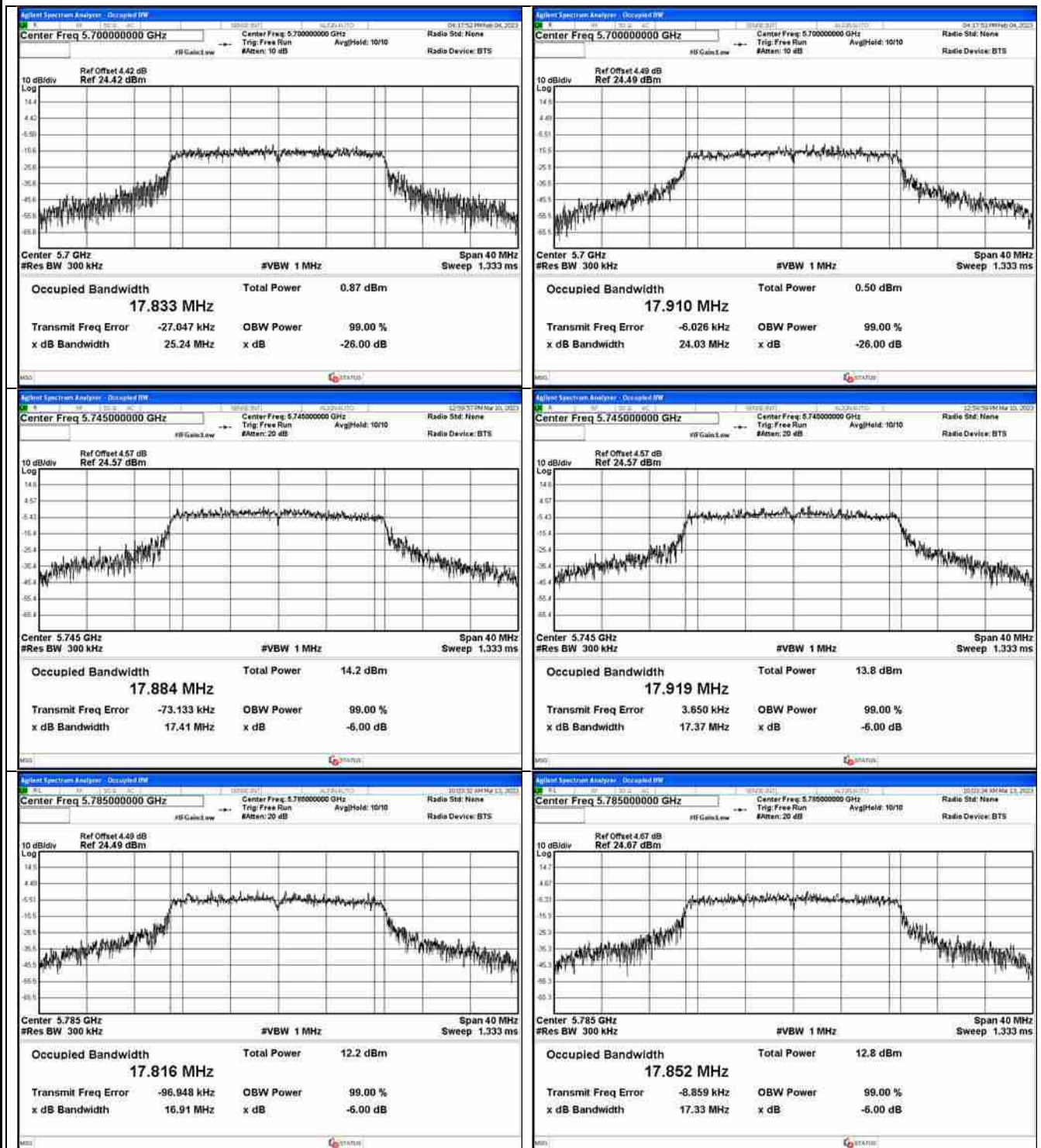
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	23.44	17.863	24.48	17.854
44	5200	26.16	17.869	23.44	17.829
48	5240	27.50	17.864	23.33	17.849
52	5260	24.39	17.796	24.46	17.931
56	5300	24.76	17.764	22.60	17.813
64	5320	24.45	17.840	23.60	17.892
100	5500	25.28	17.770	24.52	17.859
116	5580	24.51	17.687	23.44	17.804
140	5700	25.24	17.833	24.03	17.910

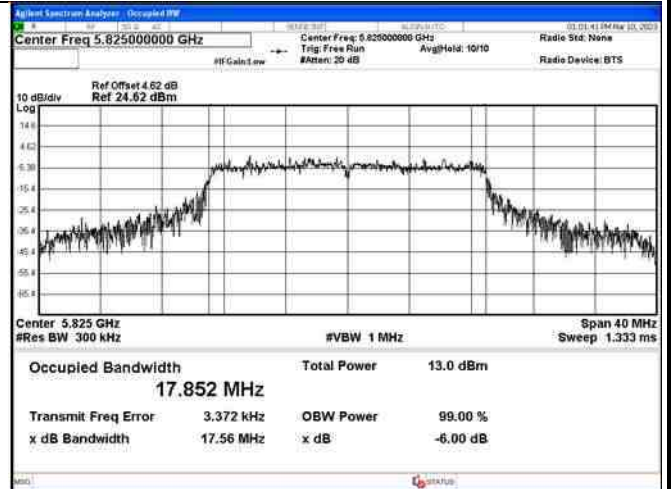
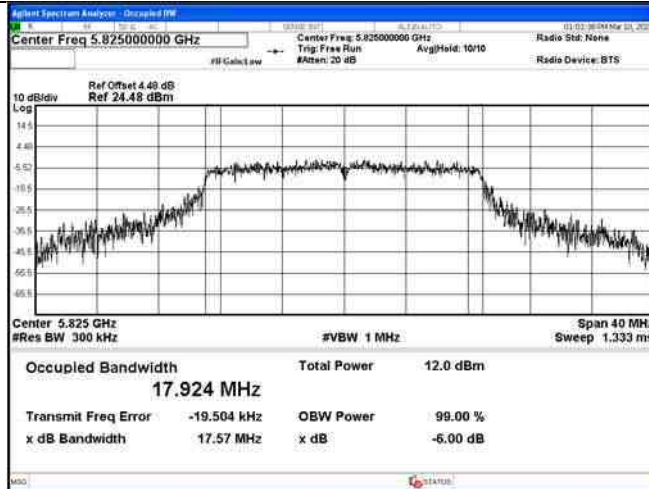
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.41	17.8842	17.37	17.9194
157	5785	17.05	17.6386	16.26	17.6638
165	5825	17.57	17.9240	17.56	17.8525







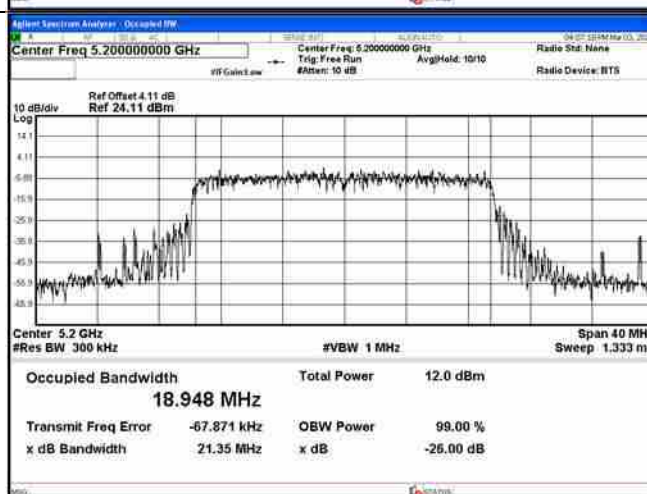
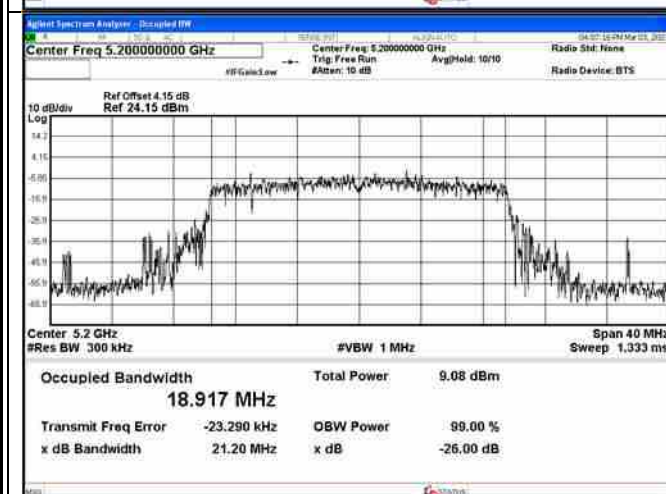
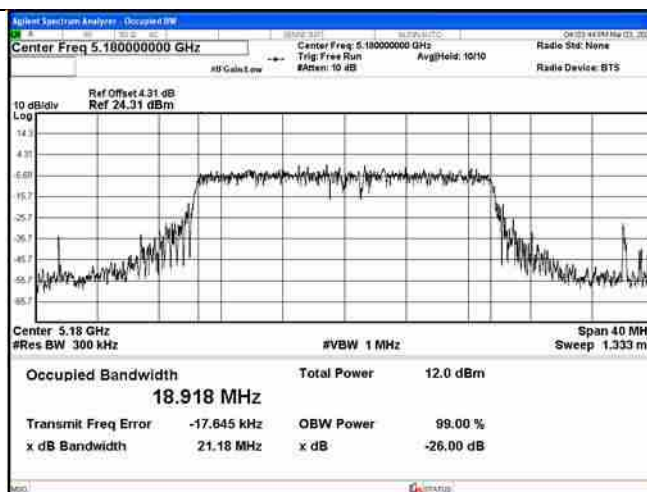
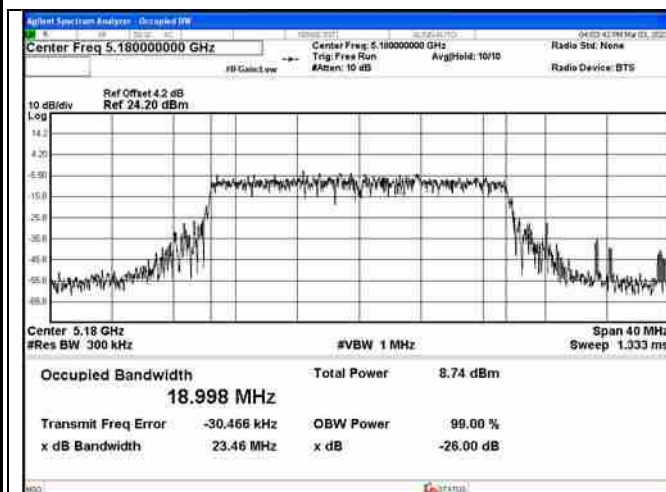


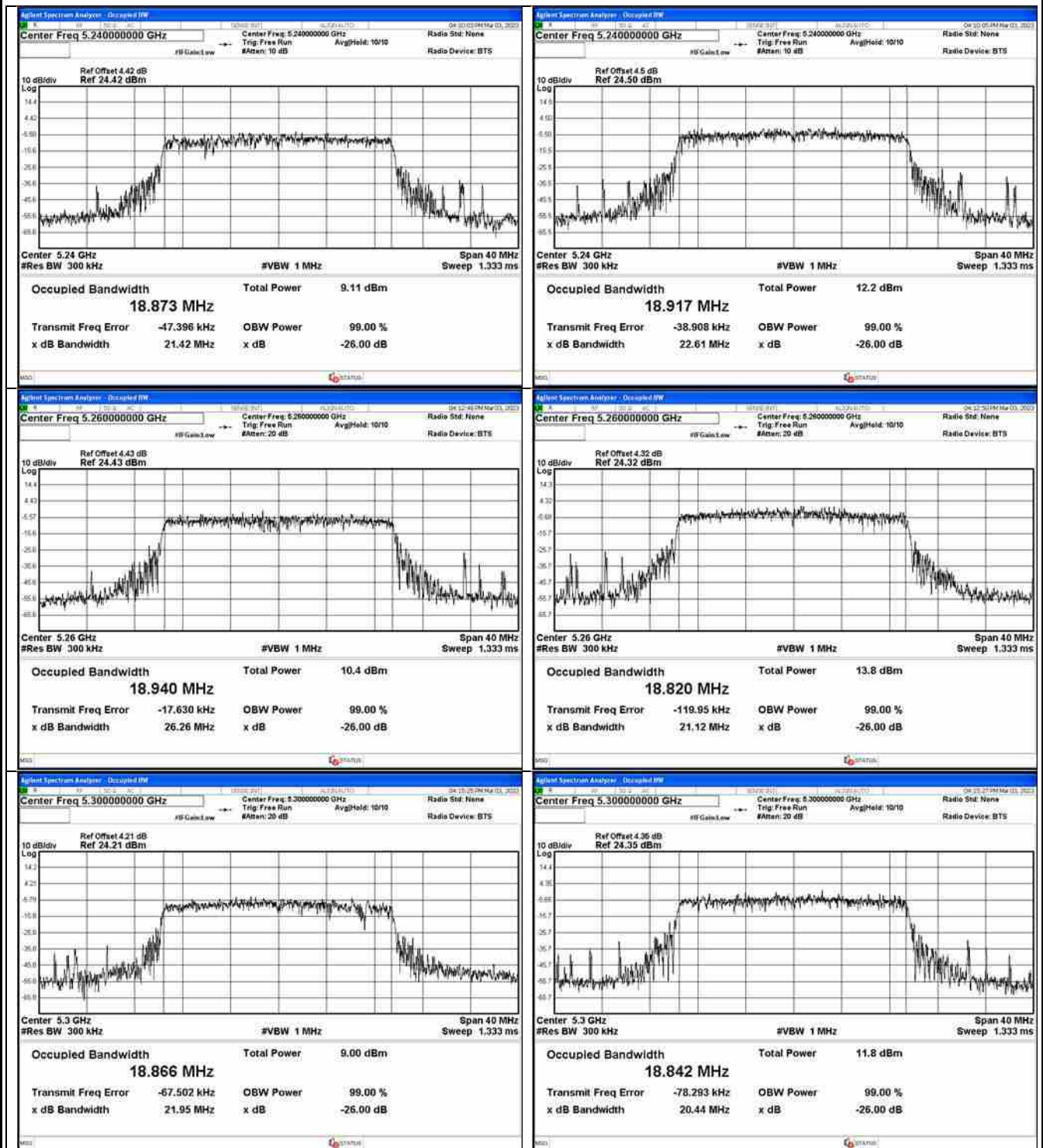


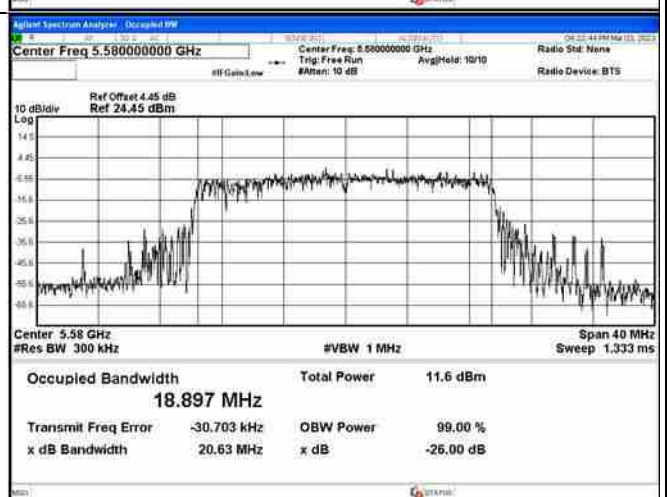
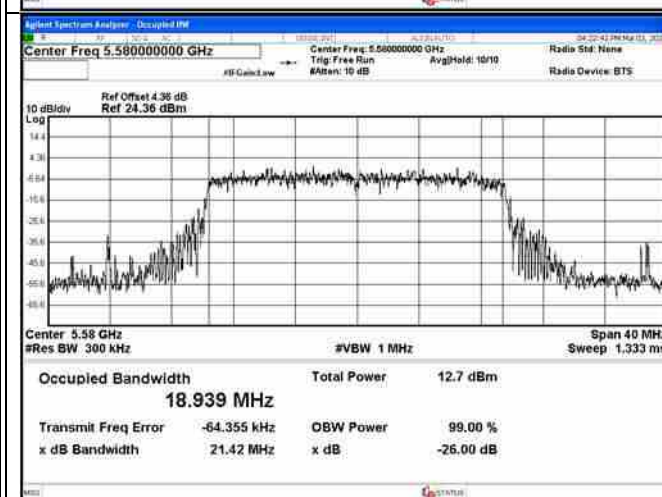
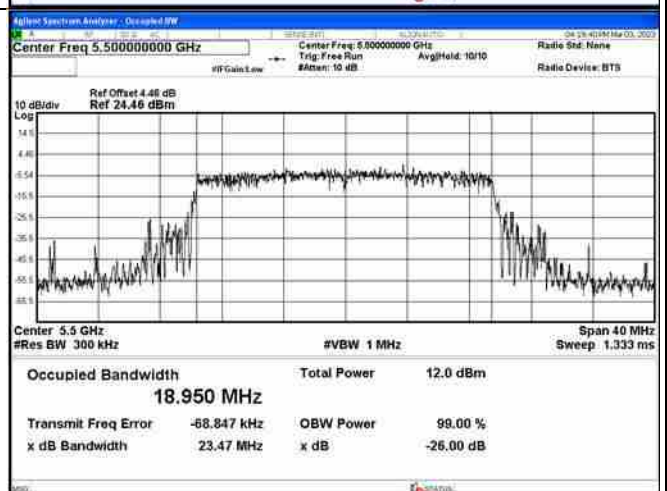
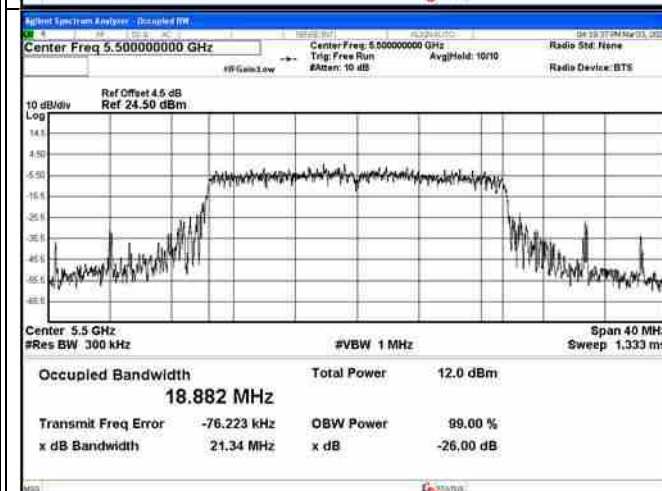
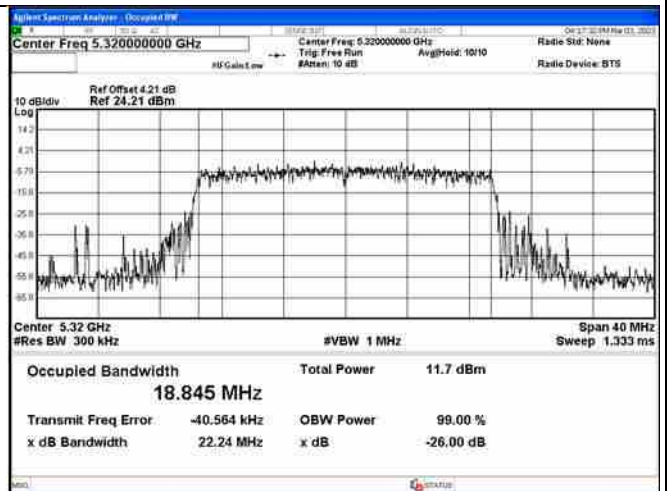
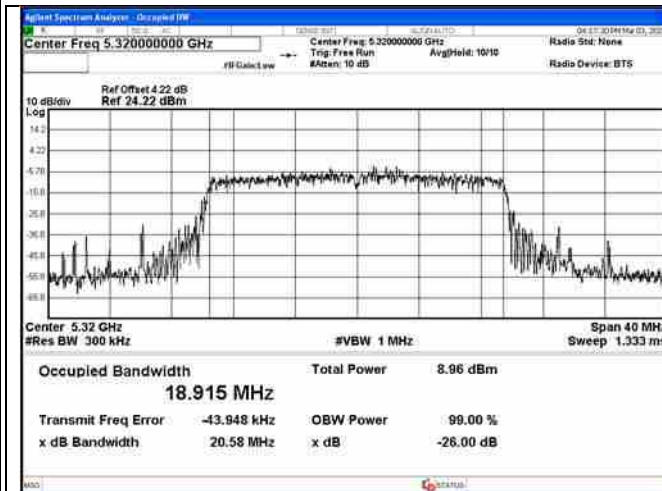
802.11ax(HE20) mode:

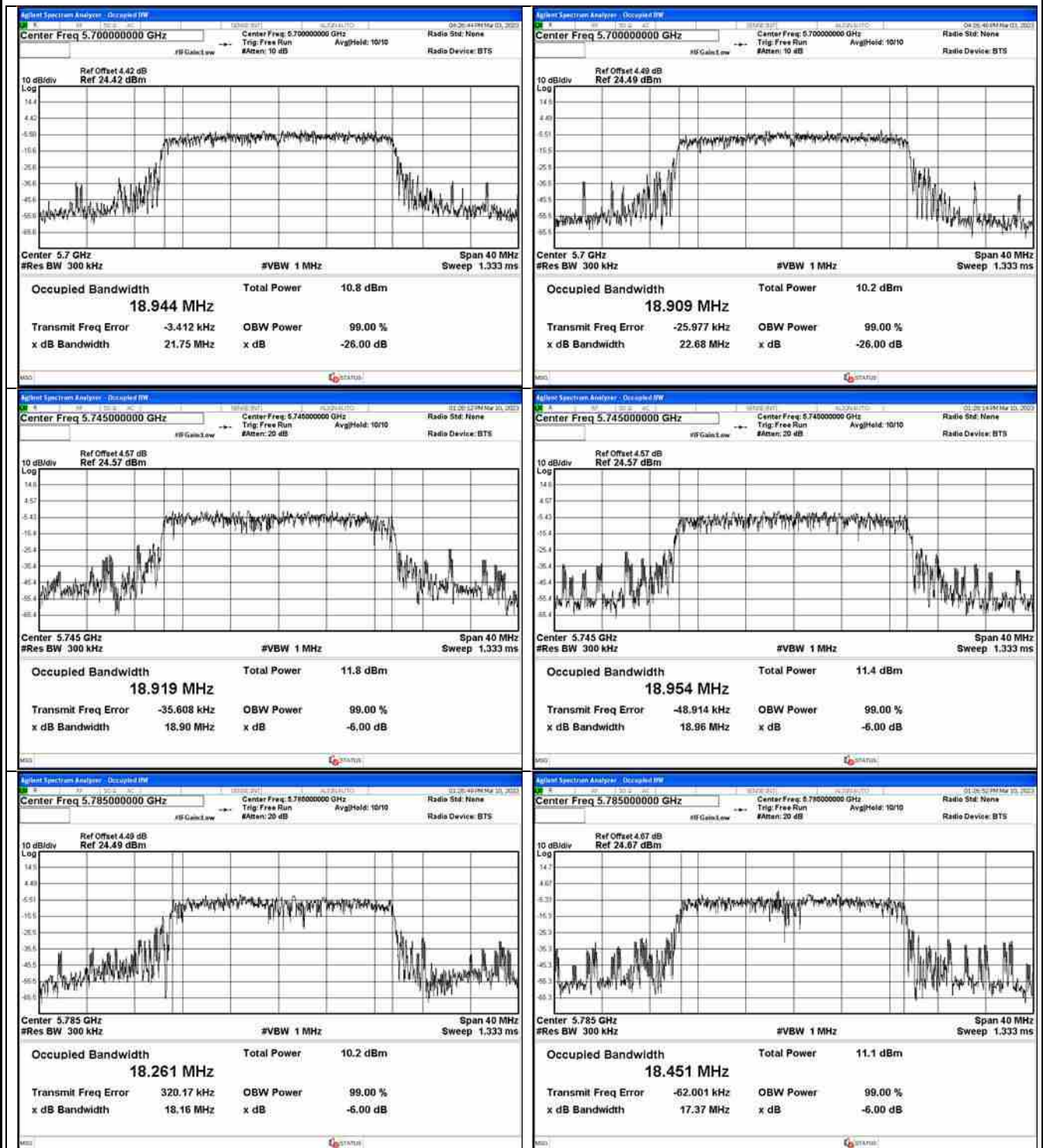
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	23.46	18.9979	21.18	18.918
44	5200	21.20	18.9165	21.35	18.9476
48	5240	21.42	18.8728	22.61	18.9175
52	5260	26.26	18.9398	21.12	18.8196
56	5300	21.95	18.866	20.44	18.8422
64	5320	20.58	18.9154	22.24	18.8452
100	5500	21.34	18.8823	23.47	18.9498
116	5580	21.42	18.9392	20.63	18.8972
140	5700	21.75	18.944	22.68	18.9088

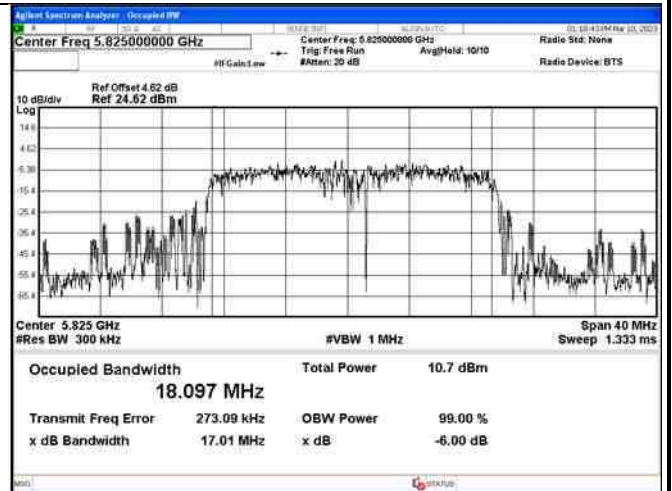
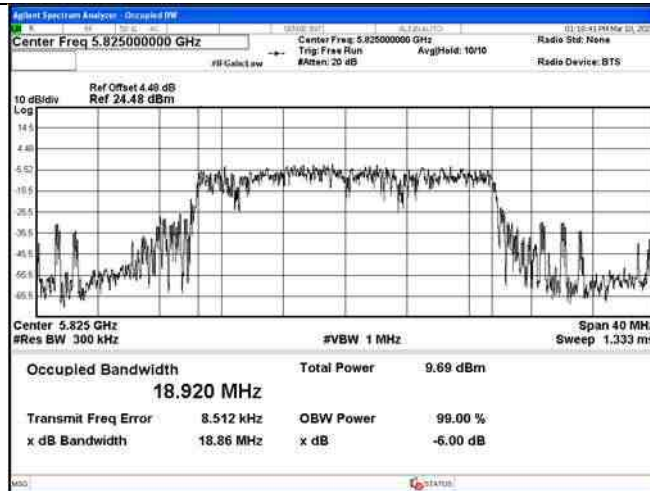
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	18.90	18.9192	18.96	18.9540
157	5785	18.16	18.2612	17.37	18.4506
165	5825	18.86	18.9343	17.01	18.9794







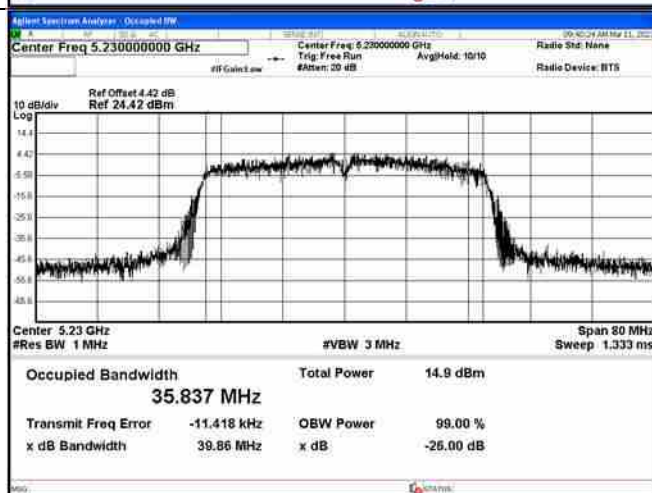
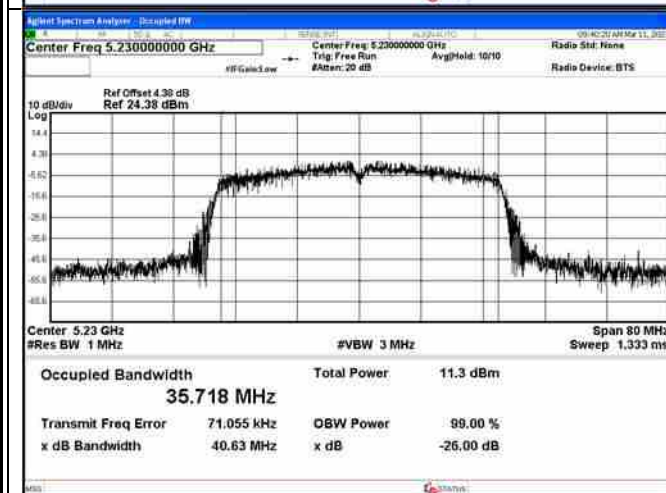
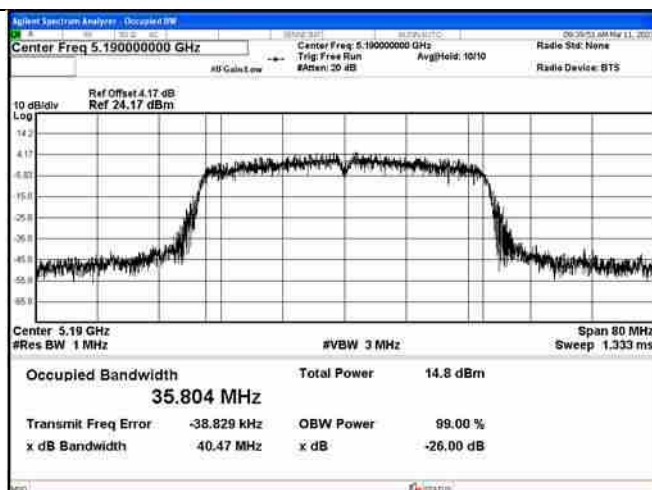
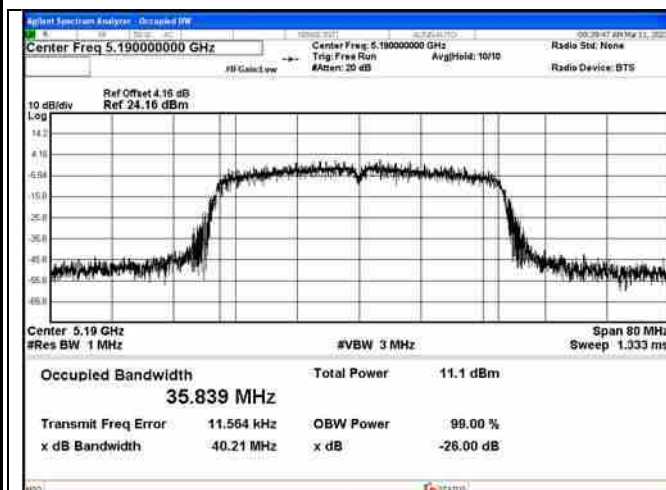


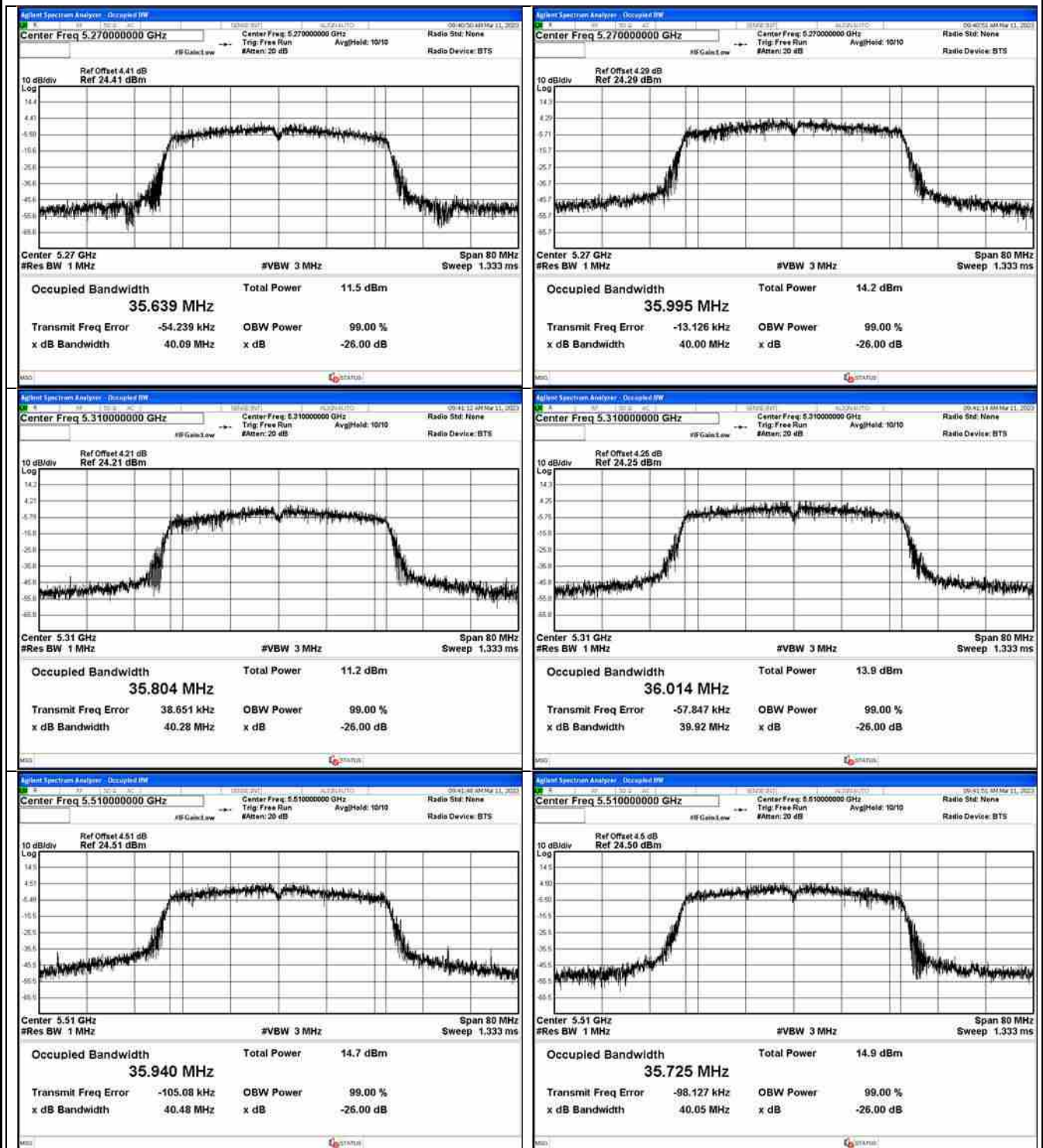


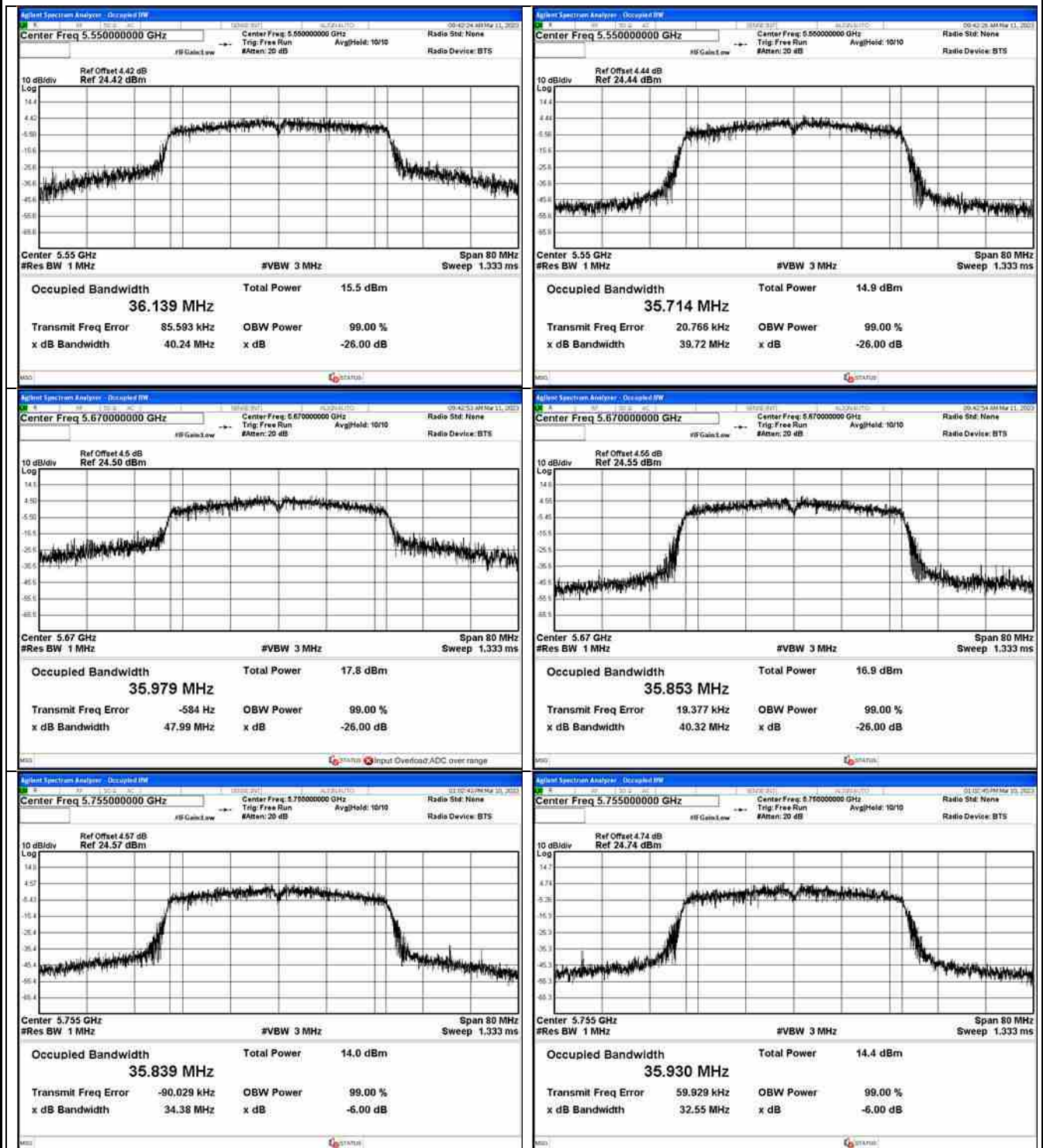
802.11n(HT40) mode:

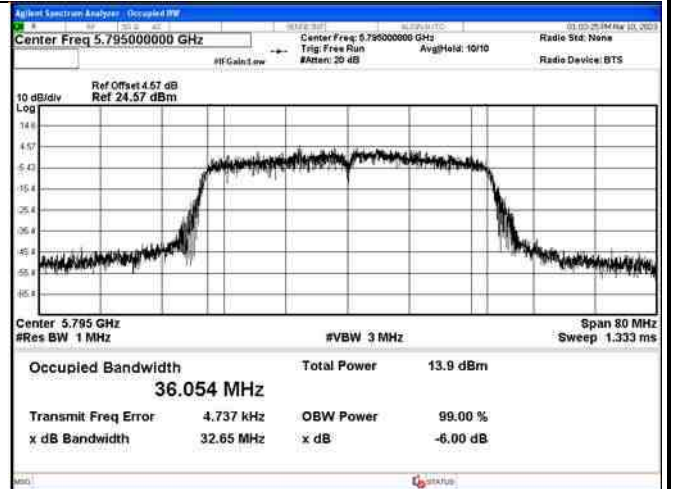
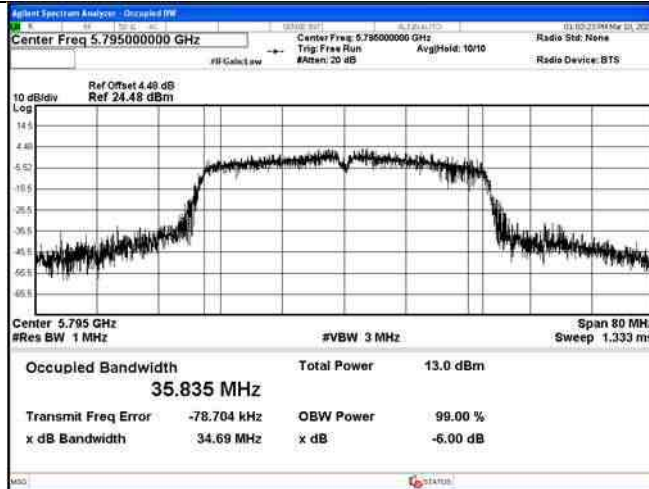
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.21	35.8388	40.47	35.8037
46	5230	40.63	35.7183	39.86	35.8370
54	5270	40.09	35.6391	40.00	35.9954
62	5310	40.28	35.8044	39.92	36.0142
102	5510	40.48	35.9401	40.37	35.7248
110	5550	40.24	36.1394	39.72	35.7141
134	5670	47.99	35.9793	40.32	35.8530

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	34.38	35.8393	32.55	35.9300
159	5795	34.69	35.8352	32.65	36.0541





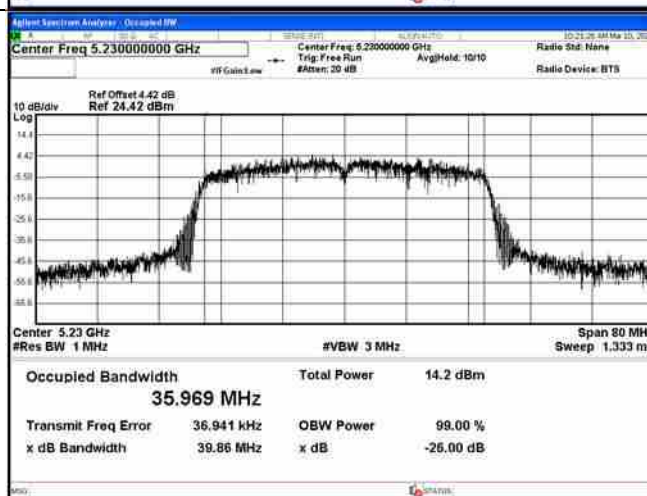
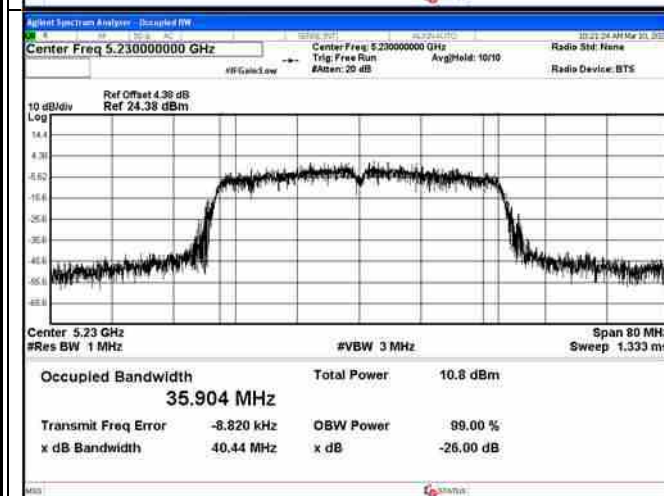
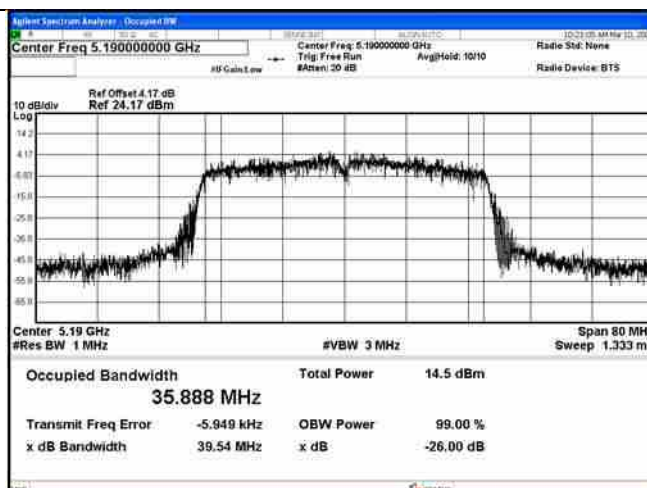
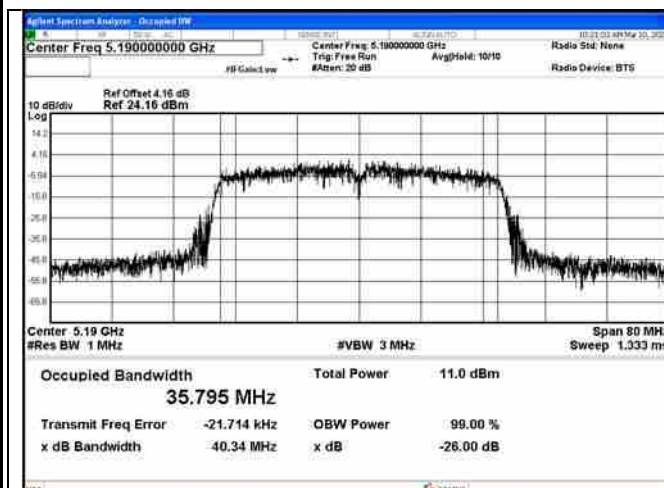


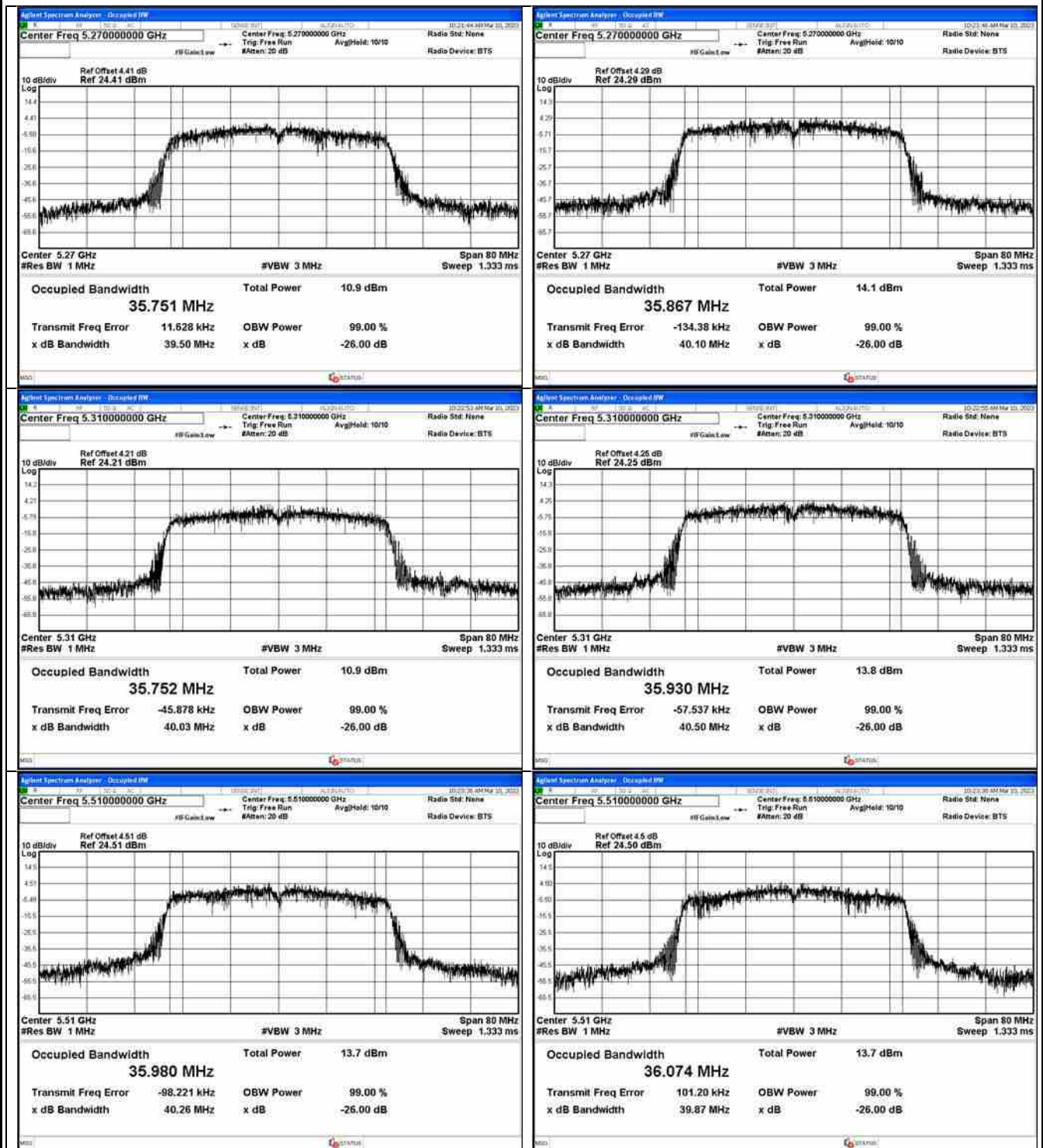


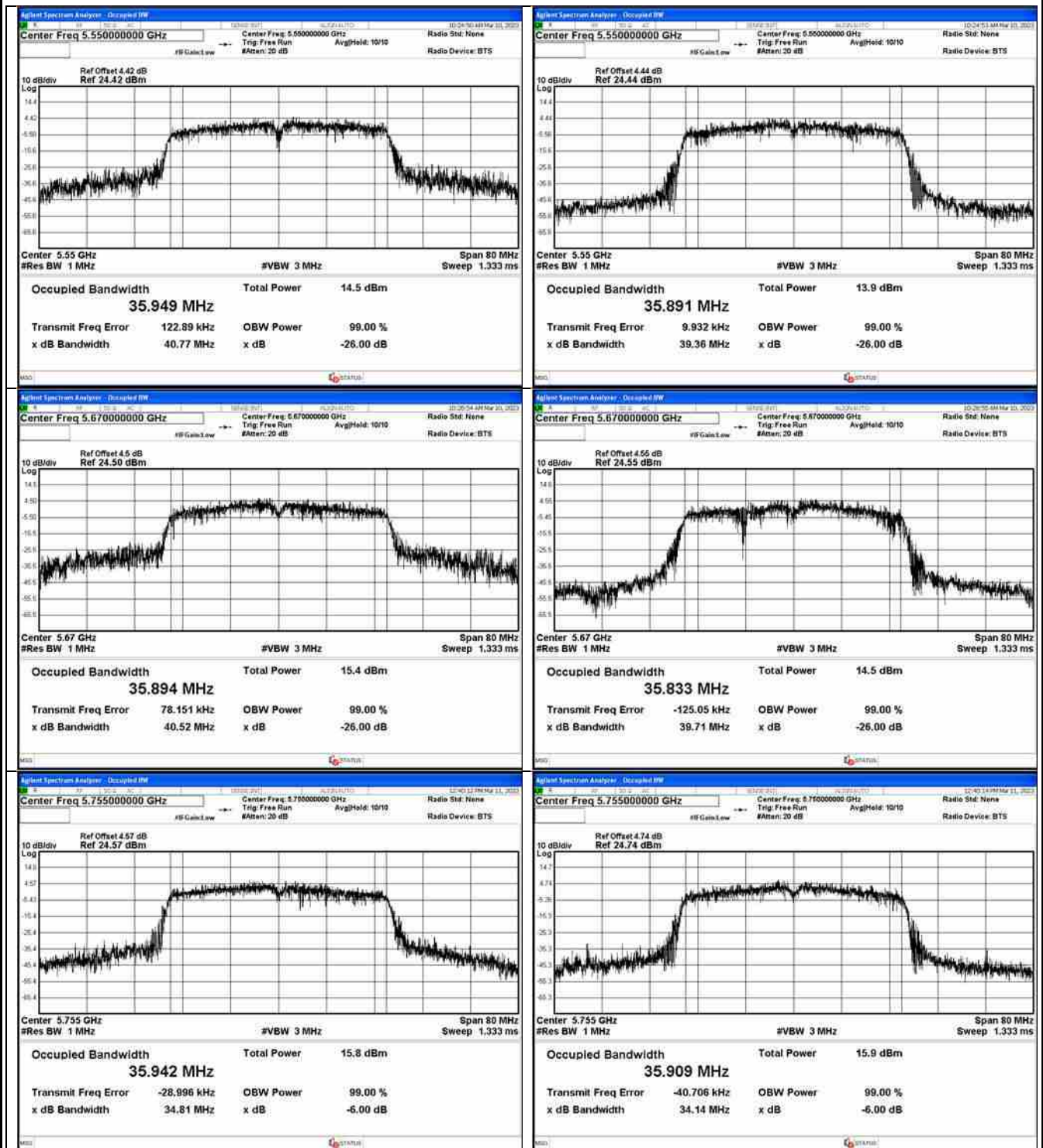
802.11ac(VHT40) mode:

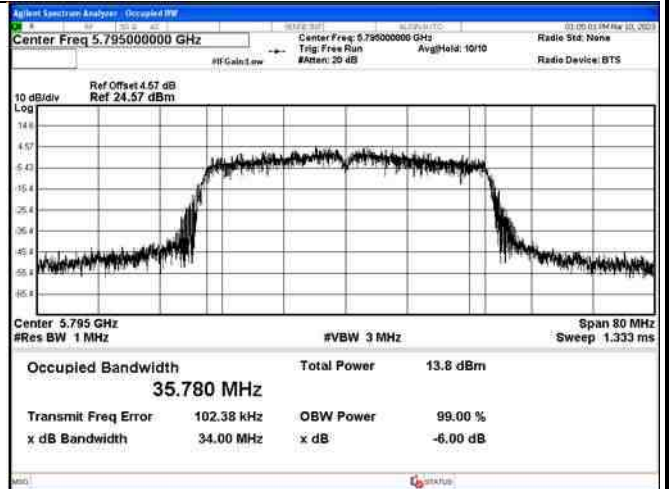
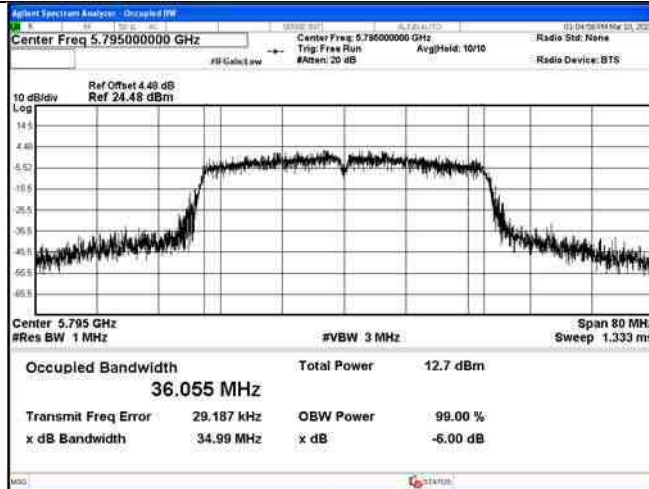
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.34	35.7948	39.54	35.8881
46	5230	40.44	35.9043	39.86	35.9685
54	5270	39.50	35.7513	40.10	35.8671
62	5310	40.03	35.7519	40.50	35.9297
102	5510	40.26	35.9805	39.87	36.0737
110	5550	40.77	35.9486	39.36	35.8911
134	5670	40.52	35.894	39.71	35.8328

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	34.81	35.9422	35.14	35.9088
159	5795	34.99	36.0547	34.00	35.7800





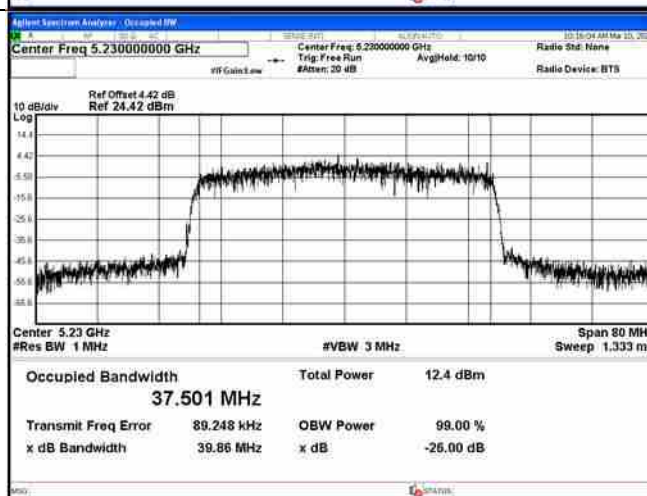
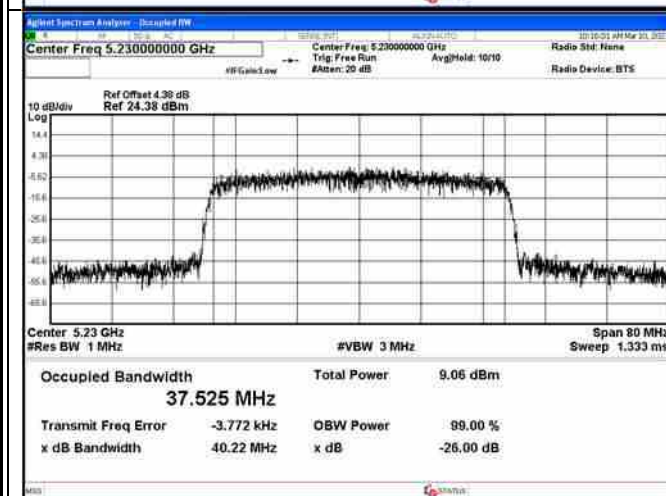
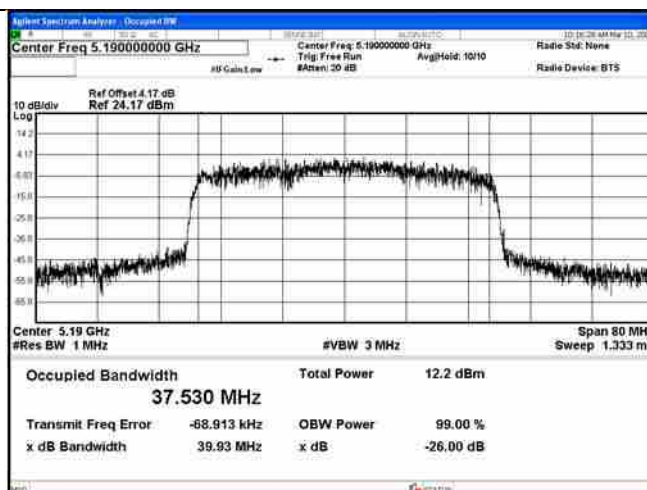
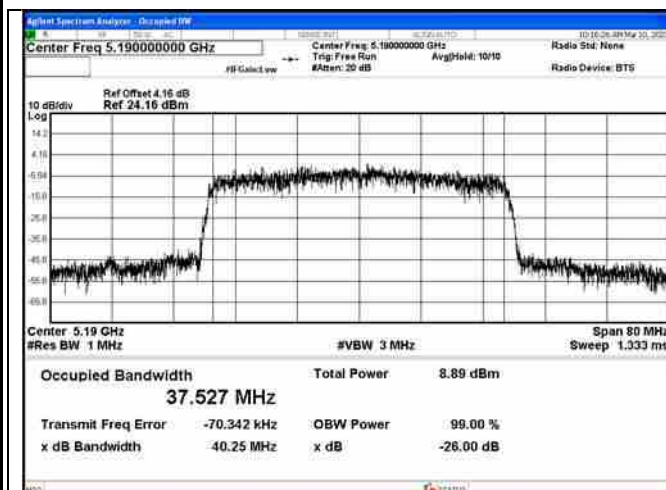


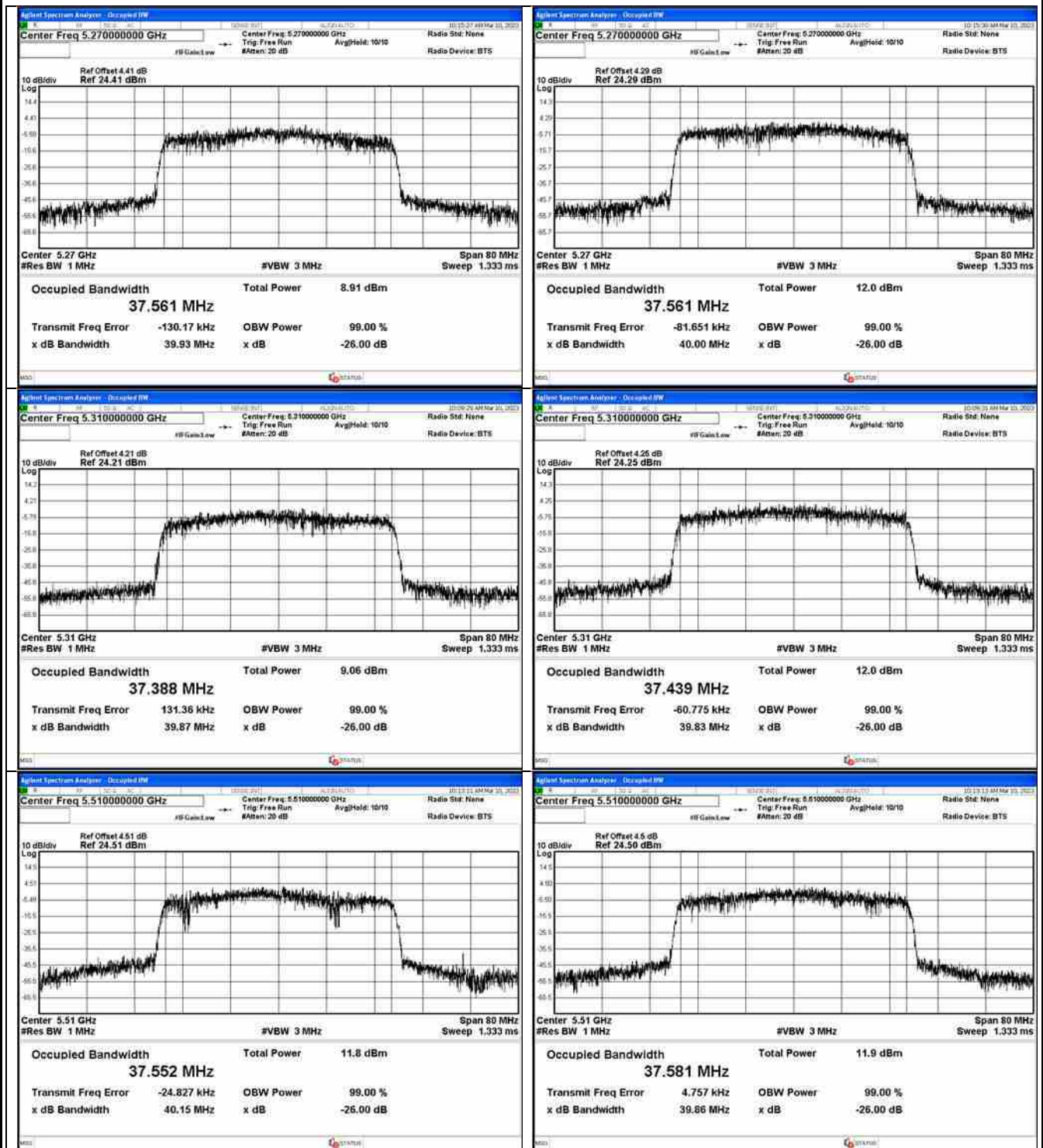


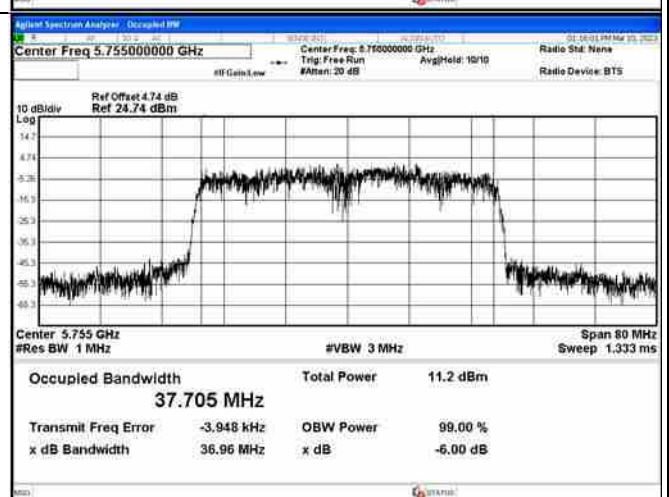
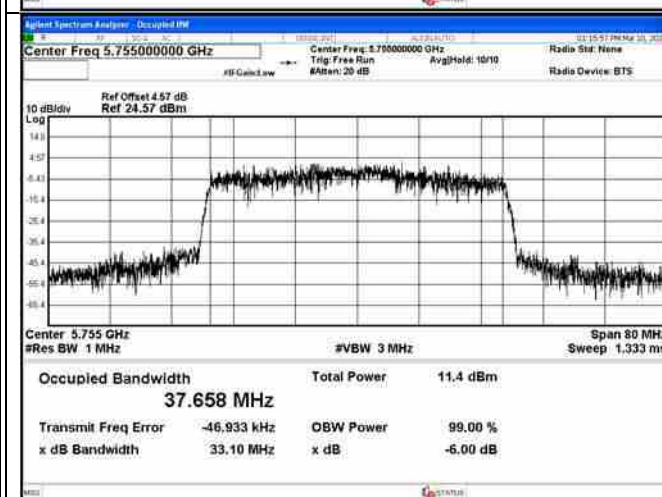
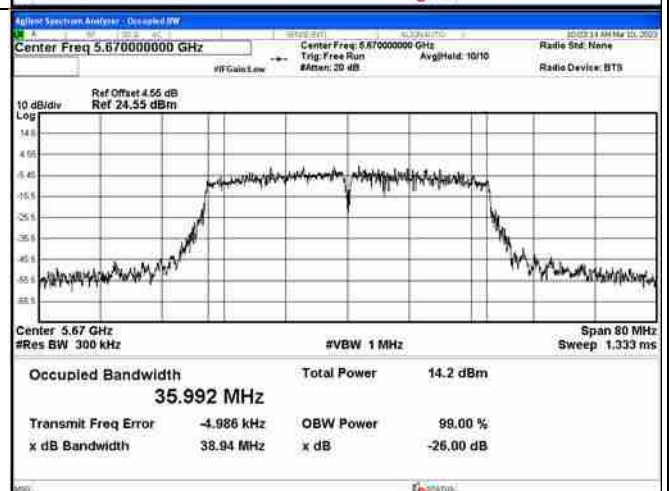
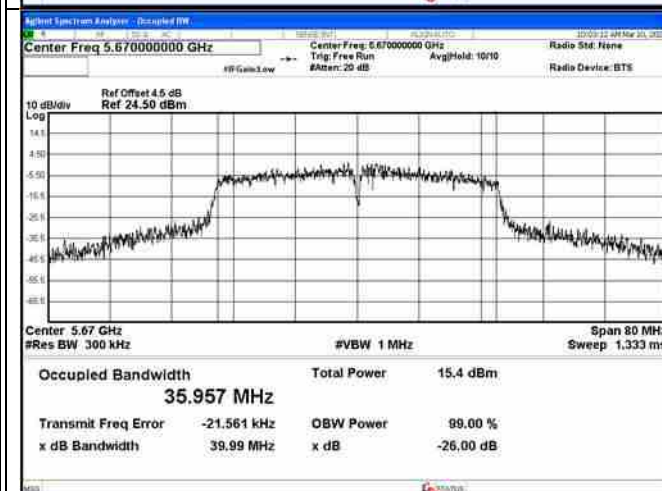
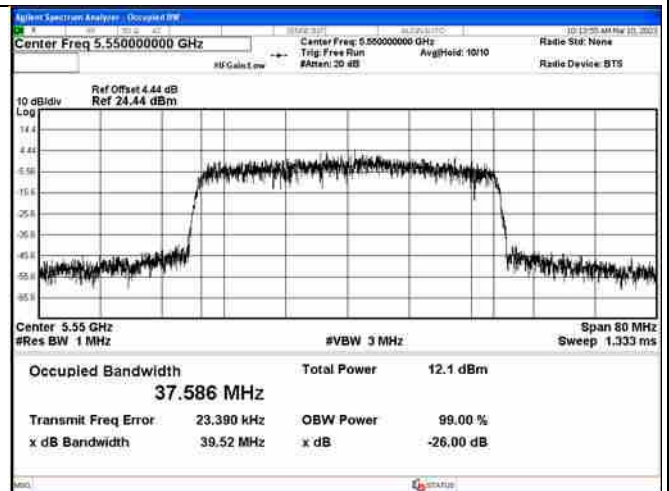
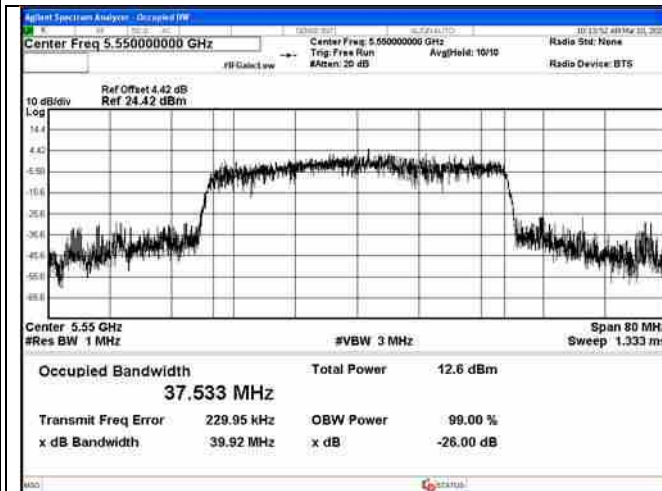
802.11ax(HE40) mode:

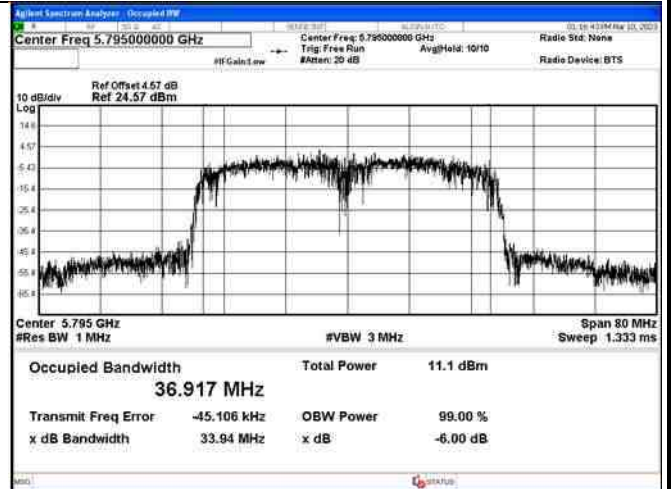
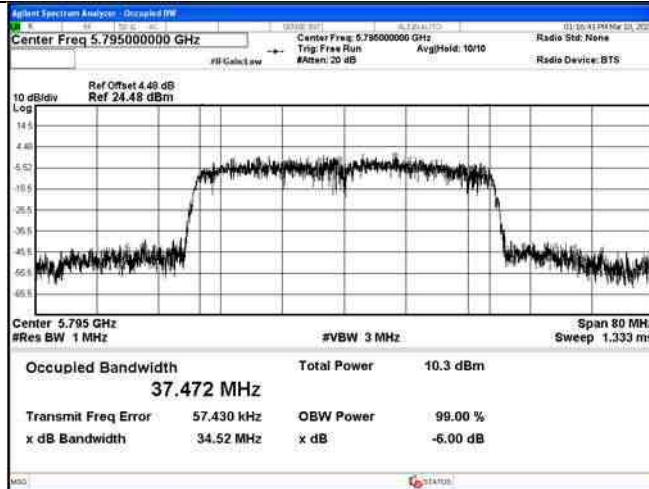
Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.25	37.5269	39.93	37.5304
46	5230	40.22	37.5249	39.86	37.5014
54	5270	39.93	37.5613	40.00	37.5612
62	5310	39.87	37.3882	39.83	37.4386
102	5510	40.15	37.552	39.86	37.5809
110	5550	39.92	37.5327	39.52	37.586
134	5670	39.99	35.9574	38.94	35.9924

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	33.10	37.6576	36.96	37.7048
159	5795	34.52	37.4725	33.94	36.9168





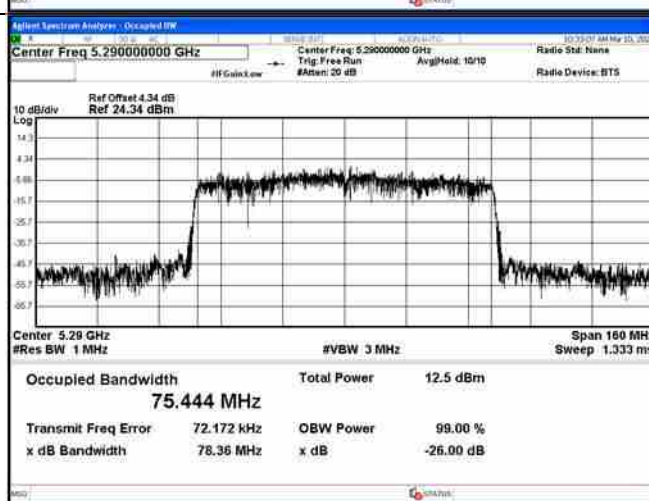
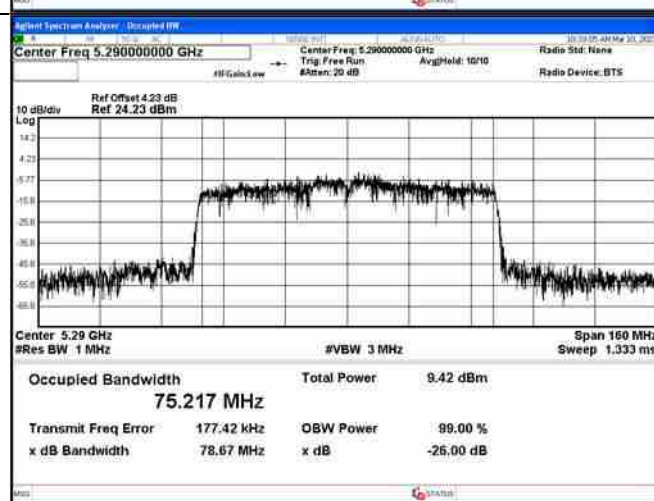
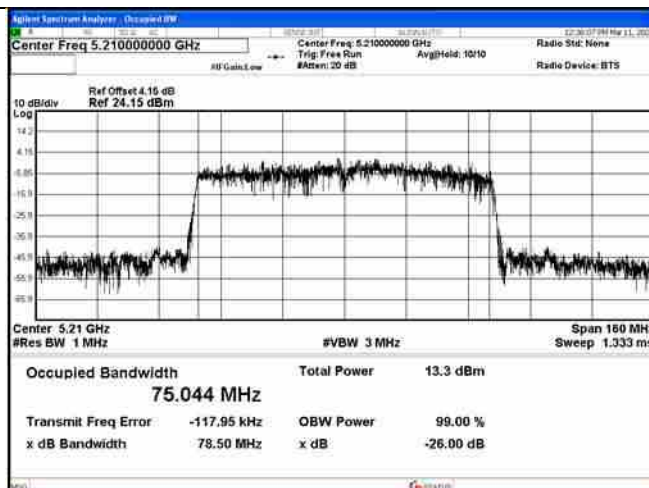
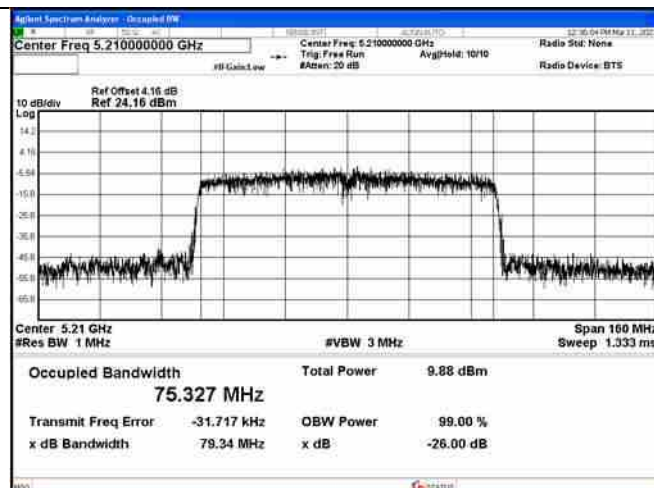


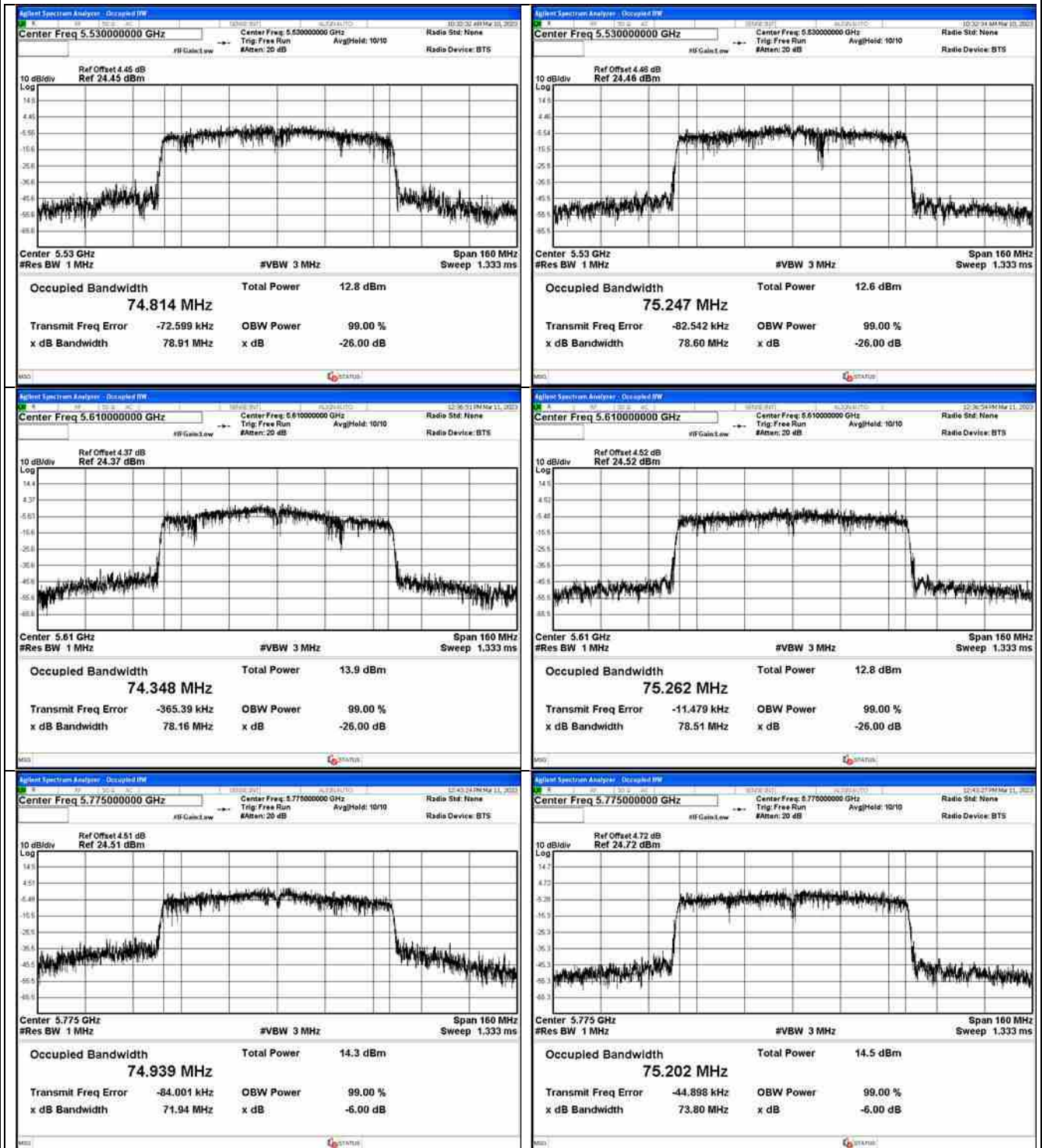


802.11ac(VHT80) mode:

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
42	5210	79.34	75.3274	78.50	75.0442
58	5290	78.67	75.2170	78.36	75.4444
106	5530	78.91	74.8140	78.60	75.2475
138	5610	78.16	74.3480	78.51	75.2167

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
155	5775	71.94	74.9385	73.80	75.2023





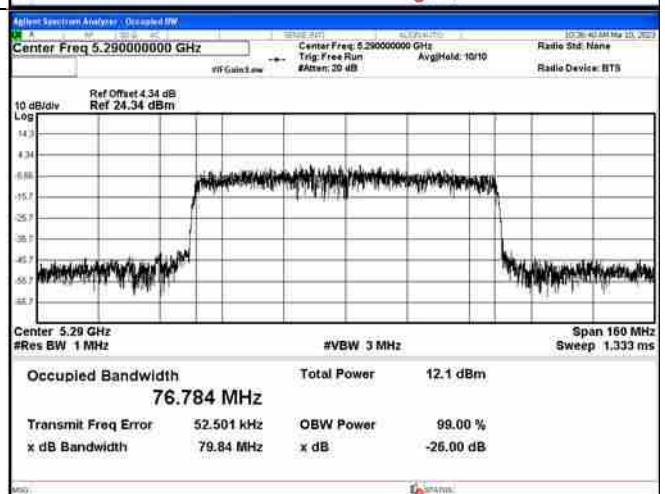
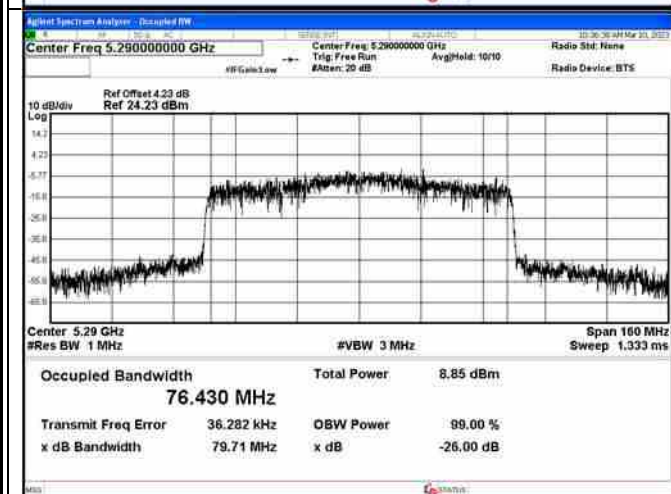
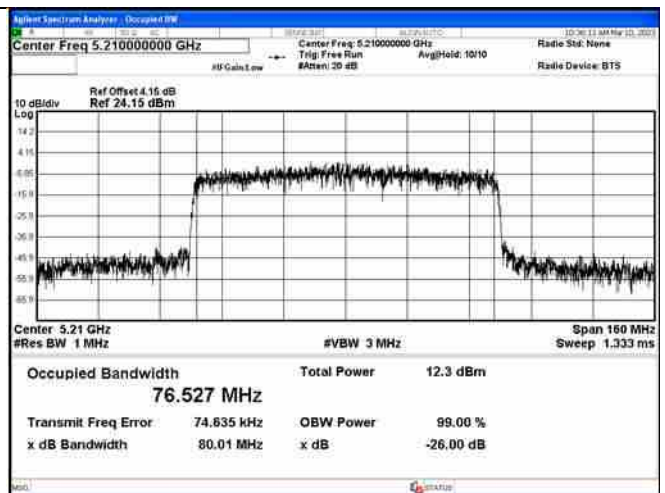
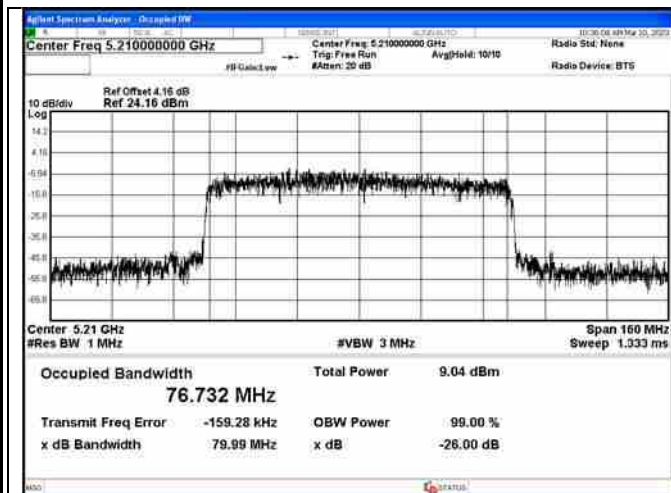
Prüfbericht - Produkte

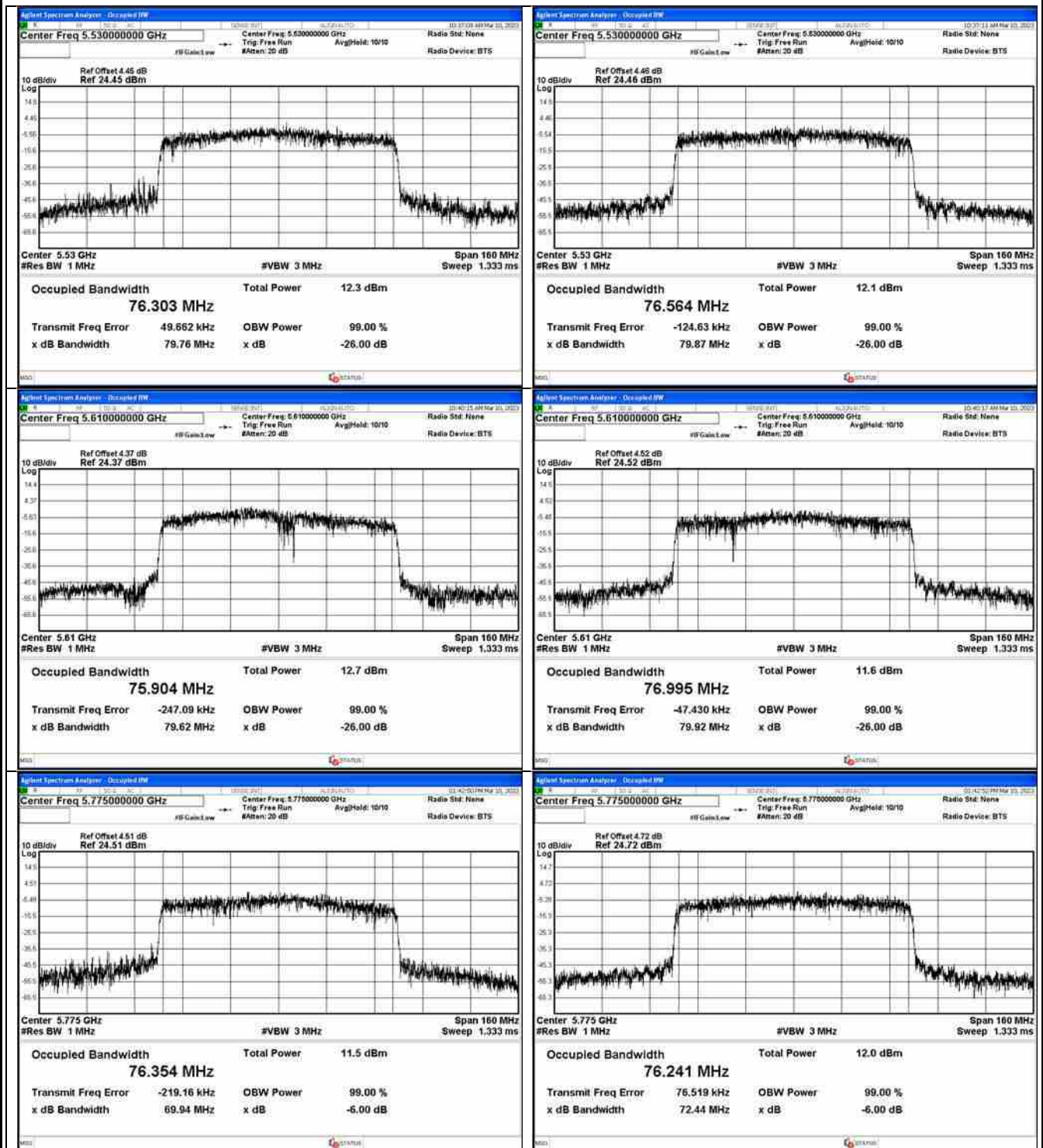
Test Report - Products

802.11ax(HE80) mode:

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
42	5210	79.99	76.7317	80.01	76.5269
58	5290	79.71	76.4300	79.84	76.7841
106	5530	79.76	76.3025	79.87	76.5641
138	5610	79.62	75.9045	79.92	76.9946

Channel	Channel Frequency (MHz)	ANT1_Emission Bandwidth		ANT2_Emission Bandwidth	
		26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
155	5775	69.94	76.3538	72.44	76.2409





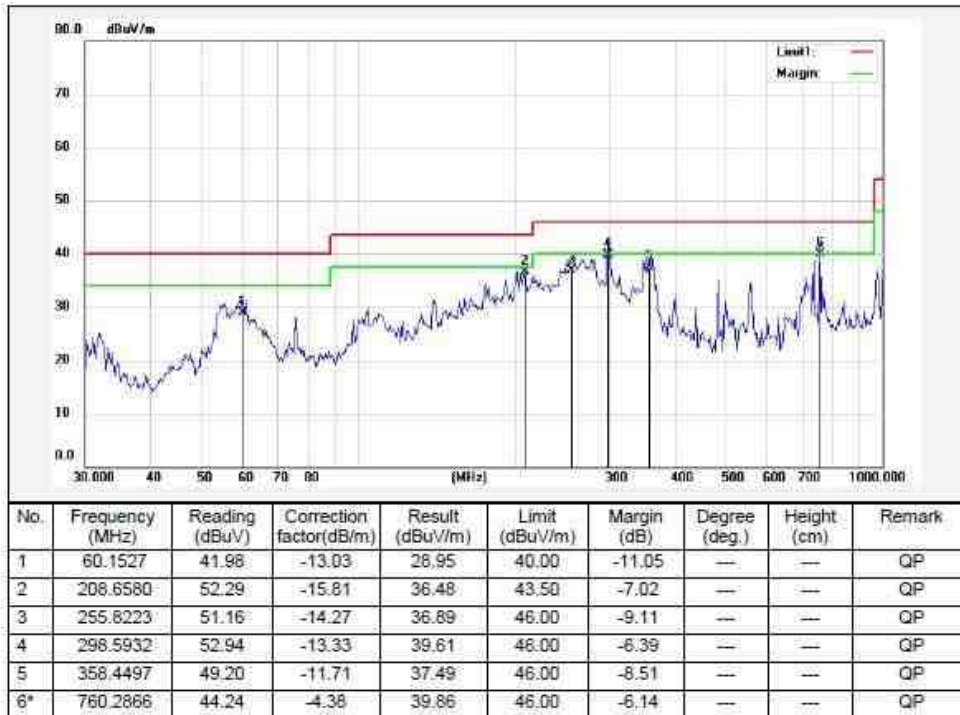
Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

All the data rate and configurations have been tested and only the worst case mode (802.11a, n(HT20, HT40),ac(VHT20, VHT40, VHT80) and ax(HE20, HE40, HE80)) reported.

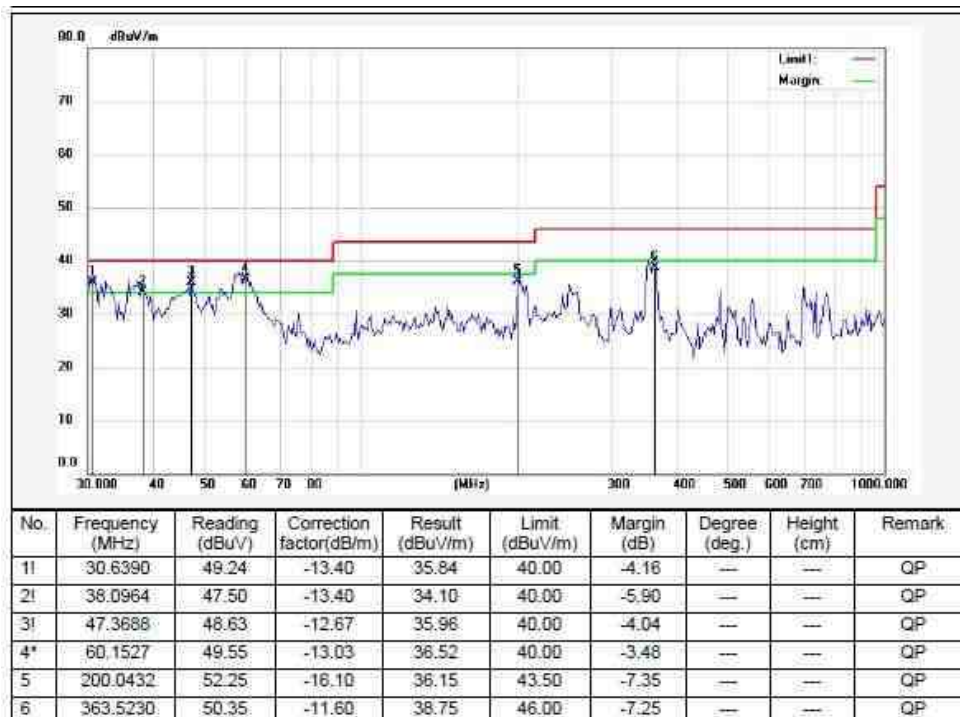
Appendix B.4: Test Results of Radiated Spurious Emissions

30MHz - 1GHz

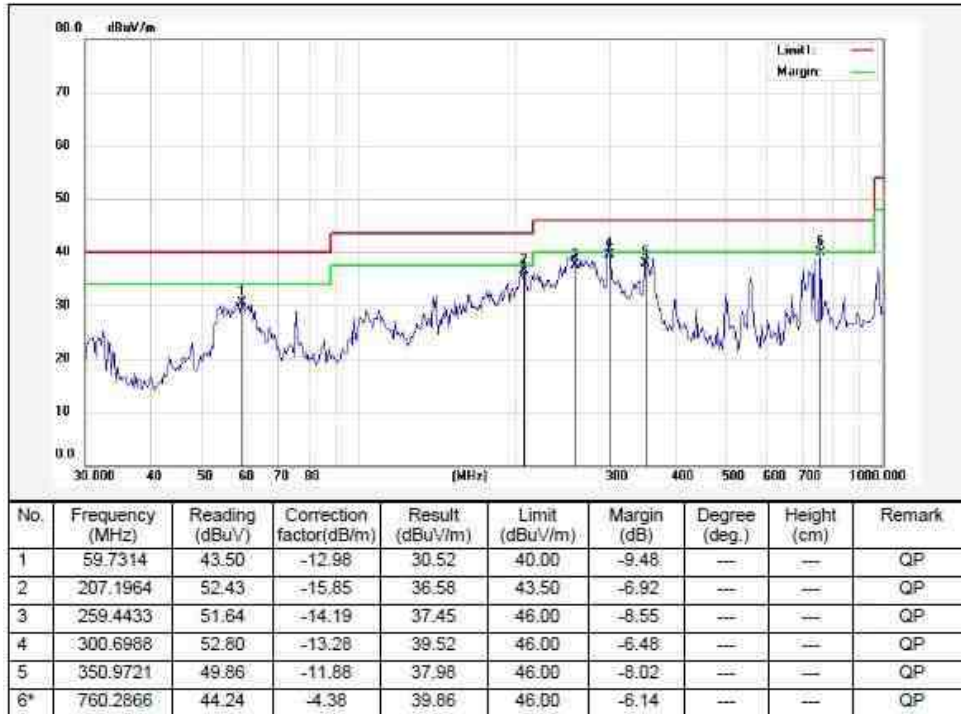
Wi-Fi 5G 11a_5500MHz Horizontal



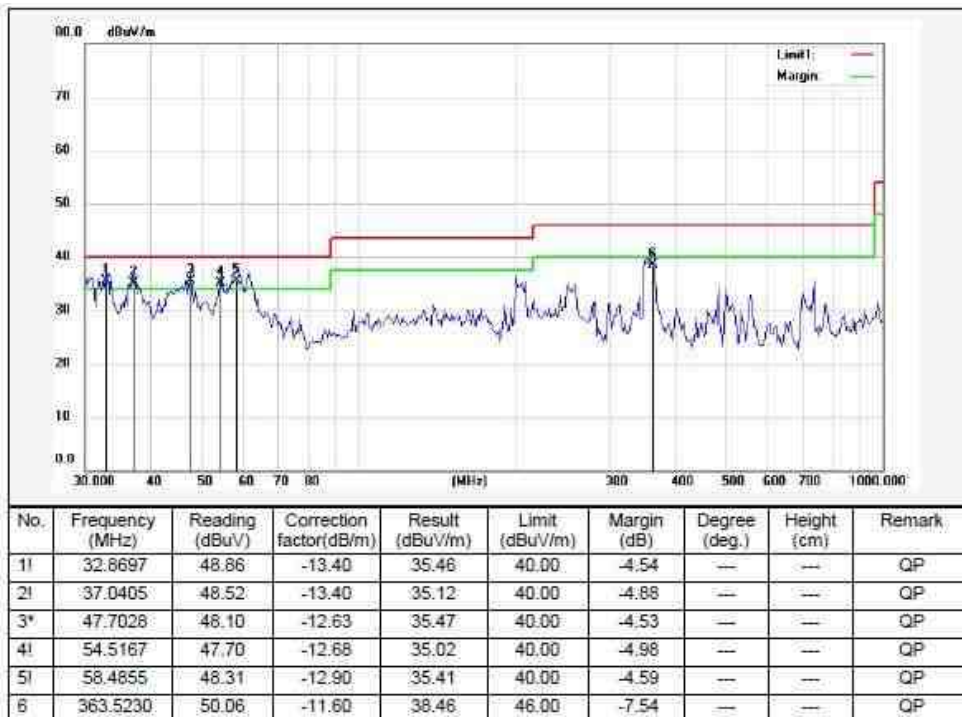
Wi-Fi 5G 11a_5500MHz Vertical



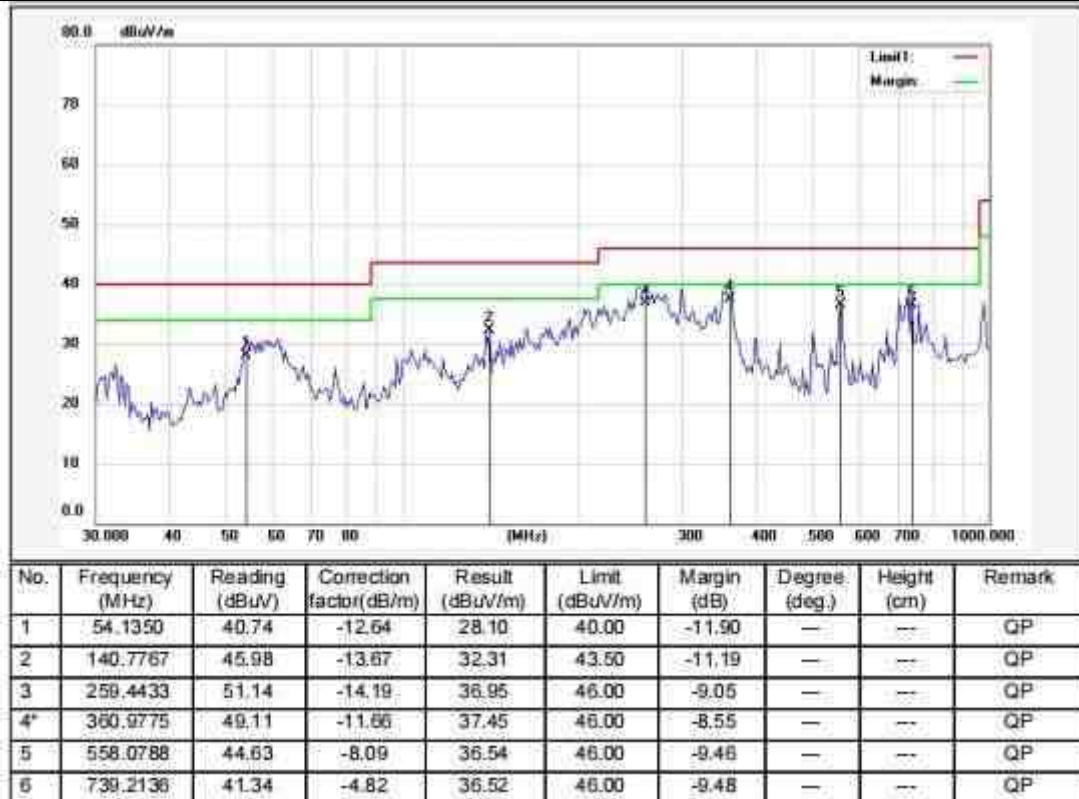
Wi-Fi 5G 11ac20_5700MHz Horizontal



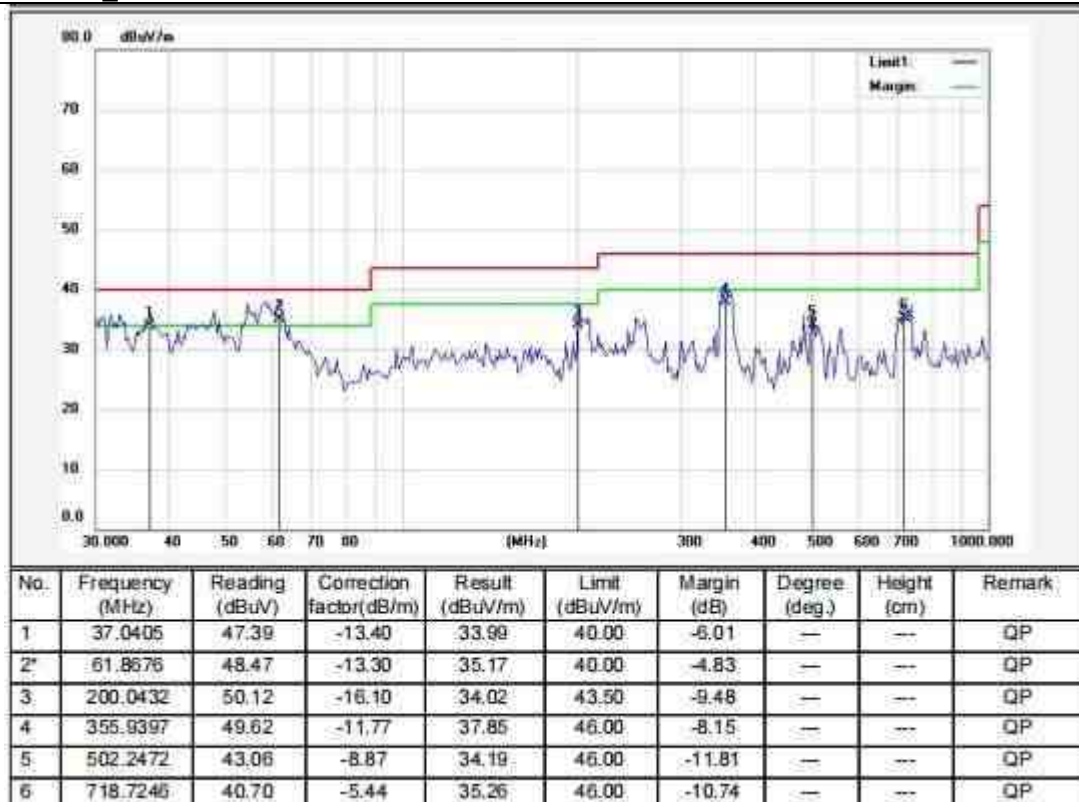
Wi-Fi 5G 11ac20_5700MHz Vertical



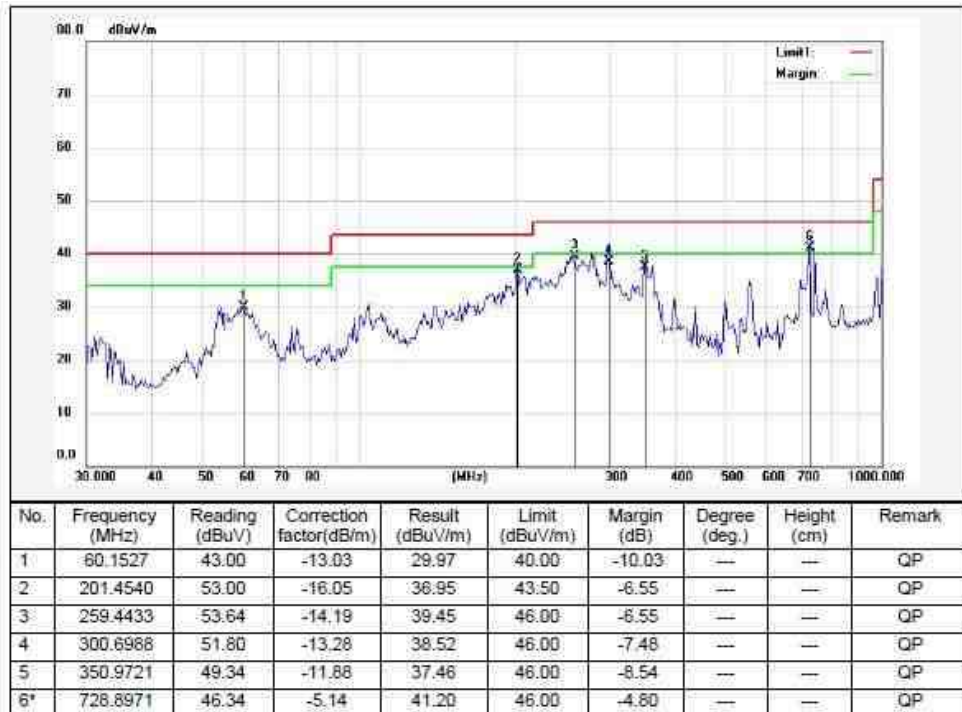
Wi-Fi 5G 11ax20_5320MHz Horizontal



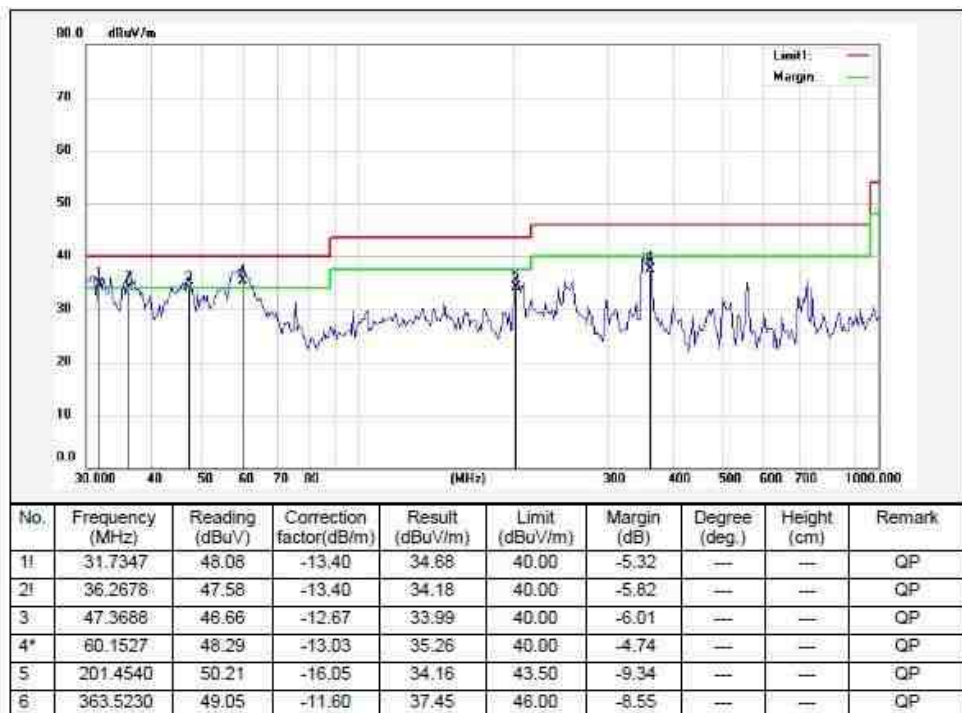
Wi-Fi 5G 11ax20_5320MHz Vertical



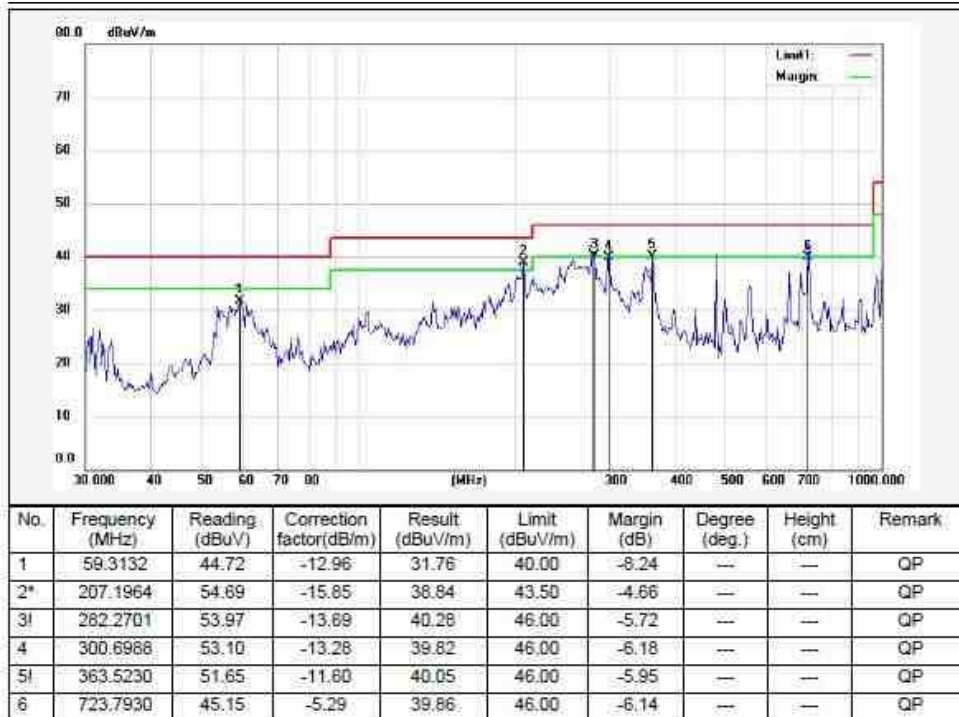
Wi-Fi 5G 11n20_5700MHz Horizontal



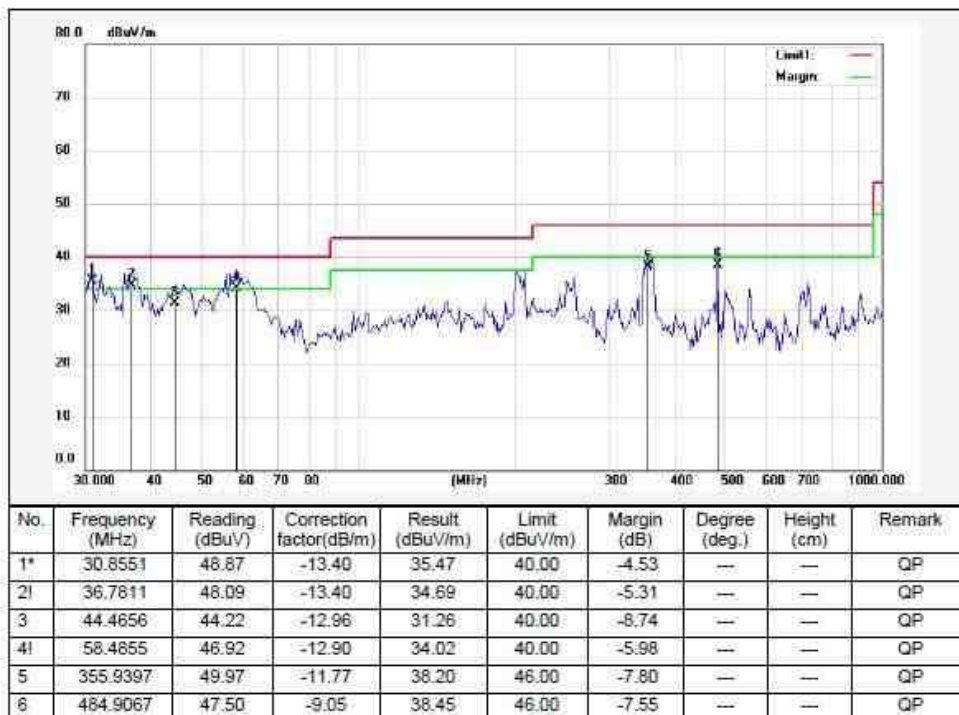
Wi-Fi 5G 11n20_5700MHz Vertical



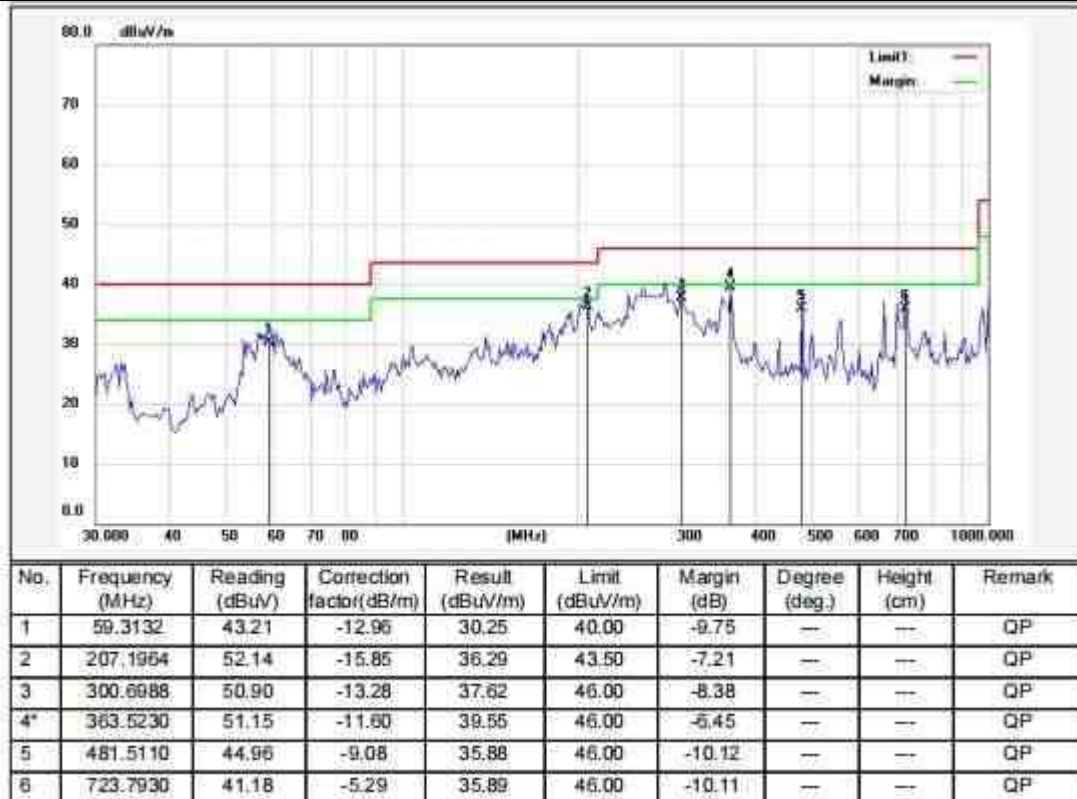
Wi-Fi 5G 11ac40_5755MHz Horizontal



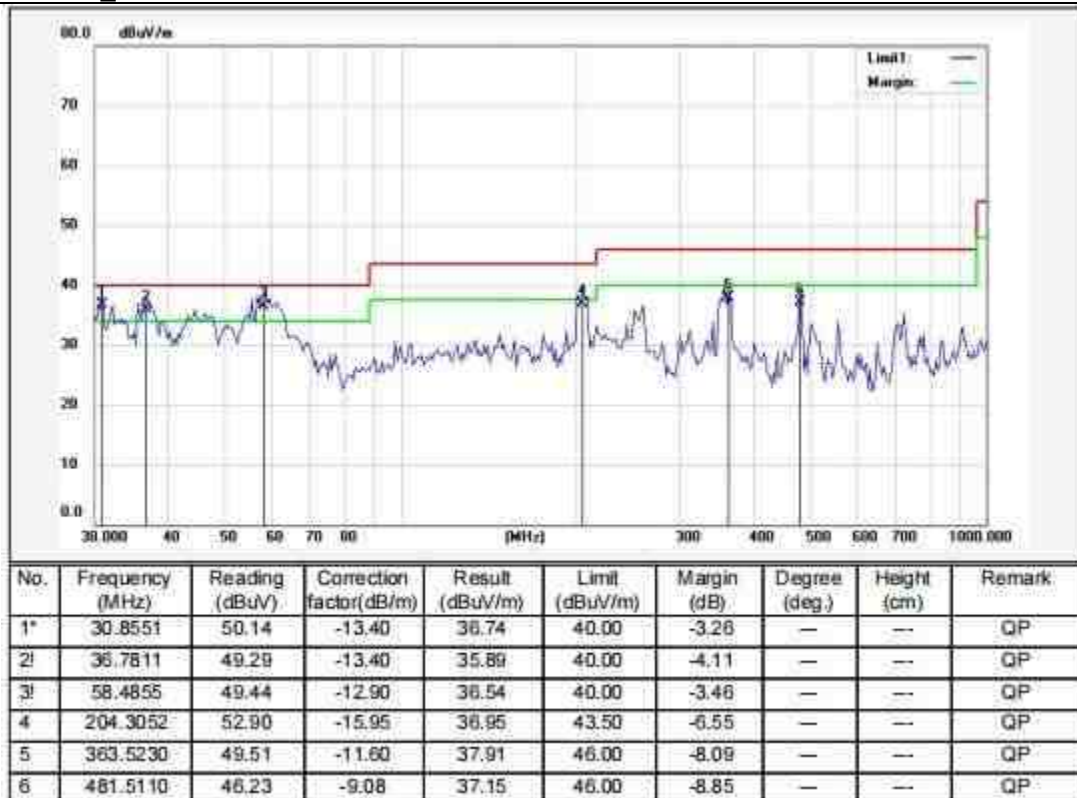
Wi-Fi 5G 11ac40_5755MHz Vertical



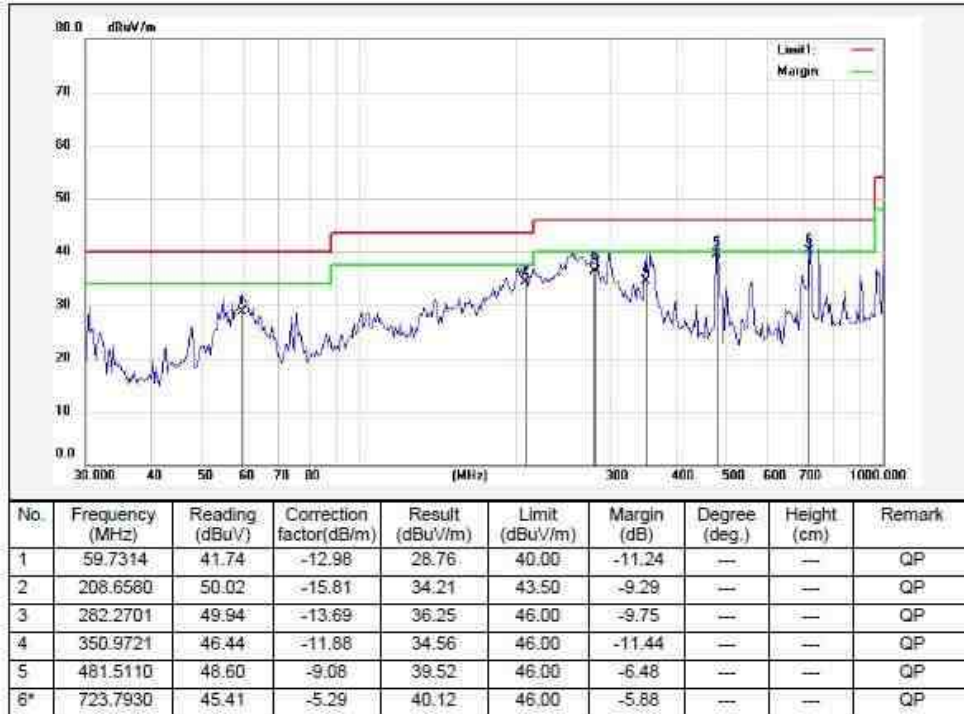
Wi-Fi 5G 11ax40_5190MHz Horizontal



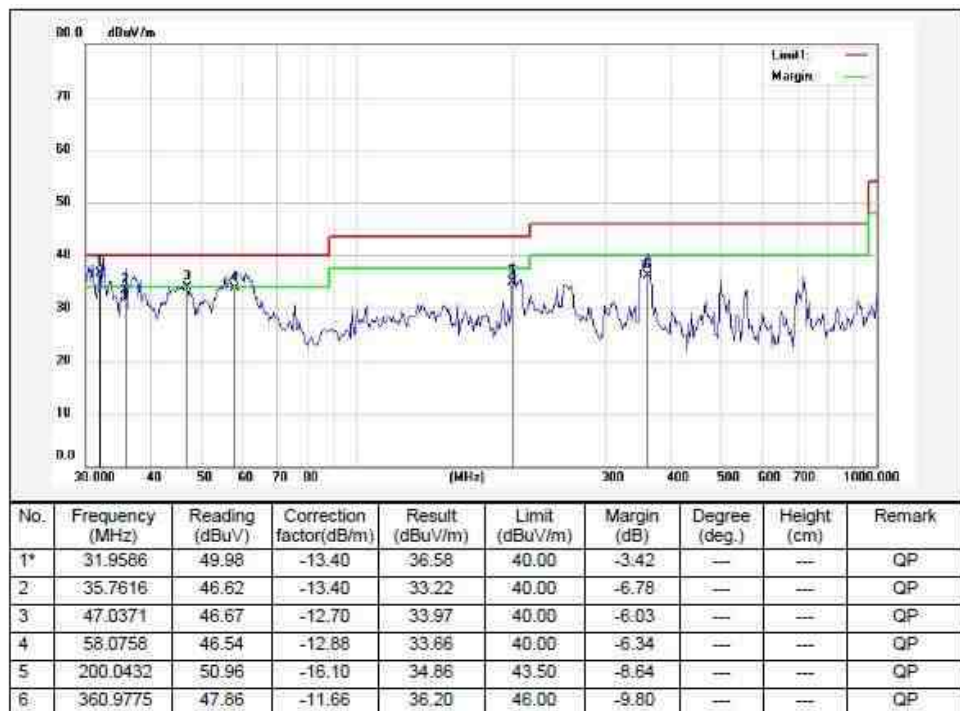
Wi-Fi 5G 11ax40_5190MHz Vertical



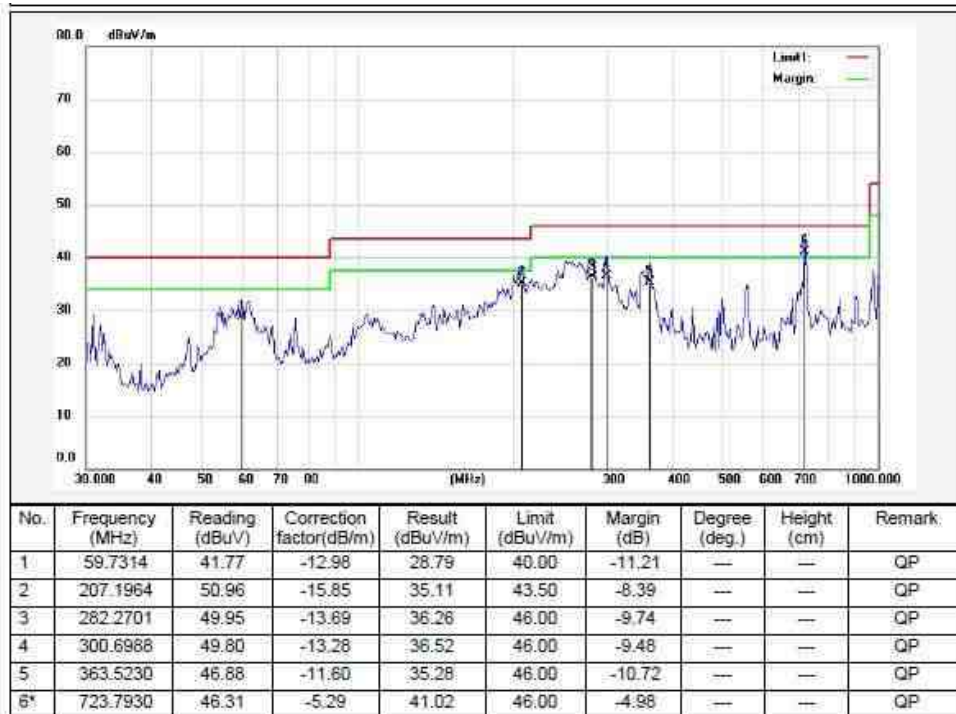
Wi-Fi 5G 11n40_5310MHz Horizontal



Wi-Fi 5G 11n40_5310MHz Vertical

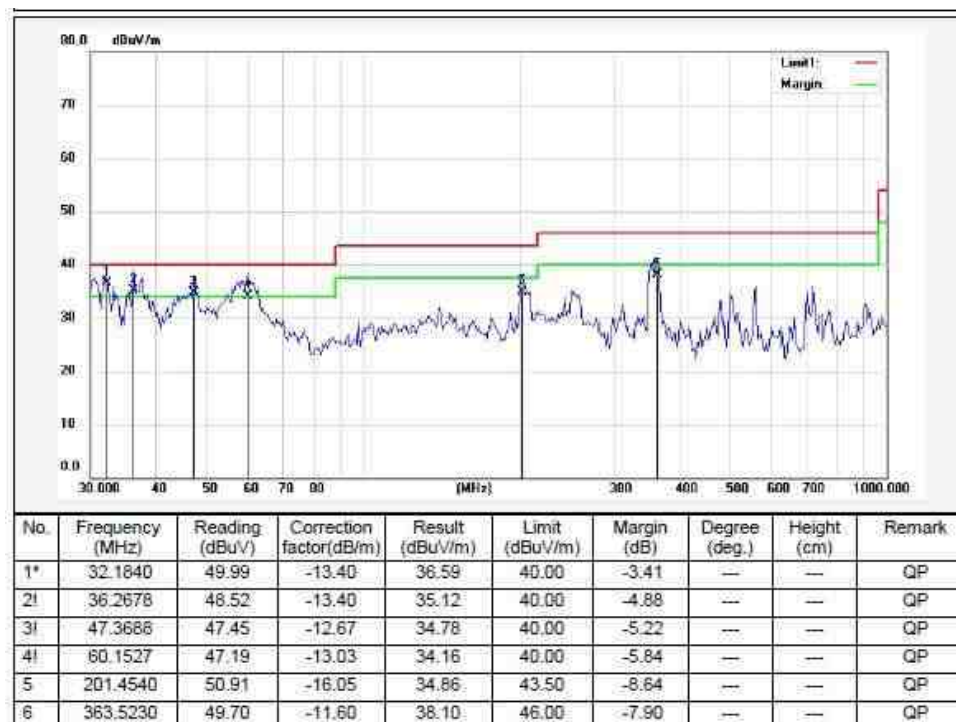


Wi-Fi 5G 11ac80_5290MHz Horizontal

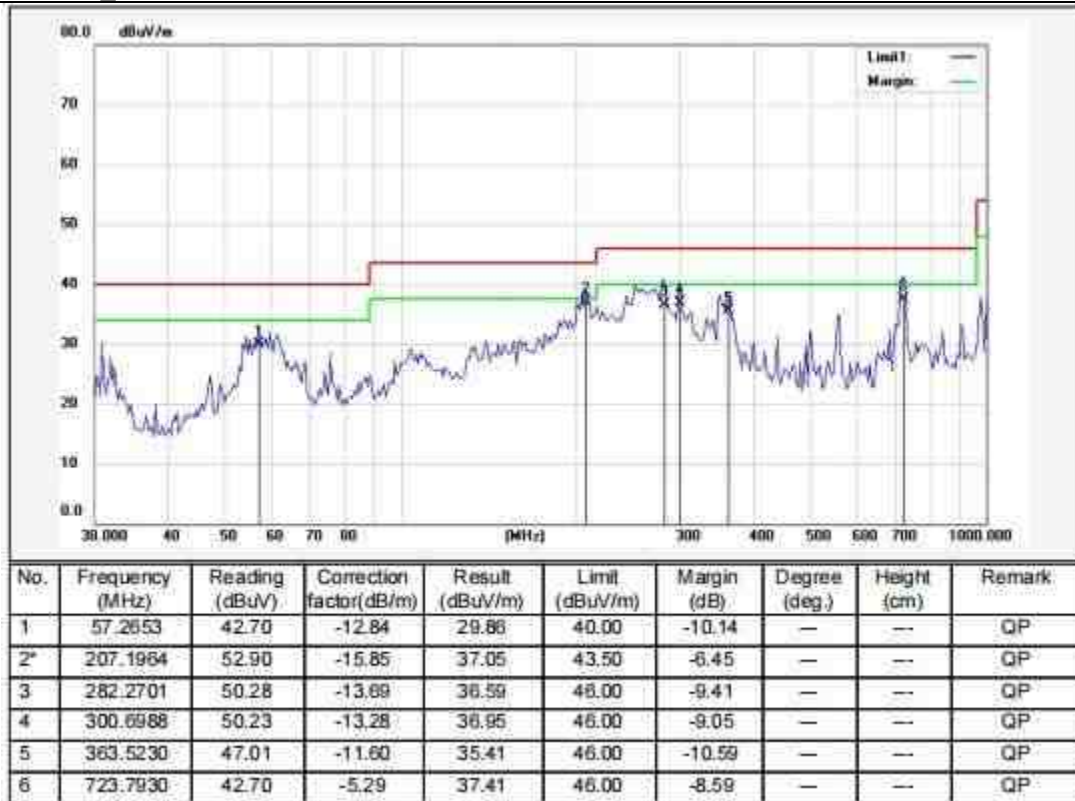


a

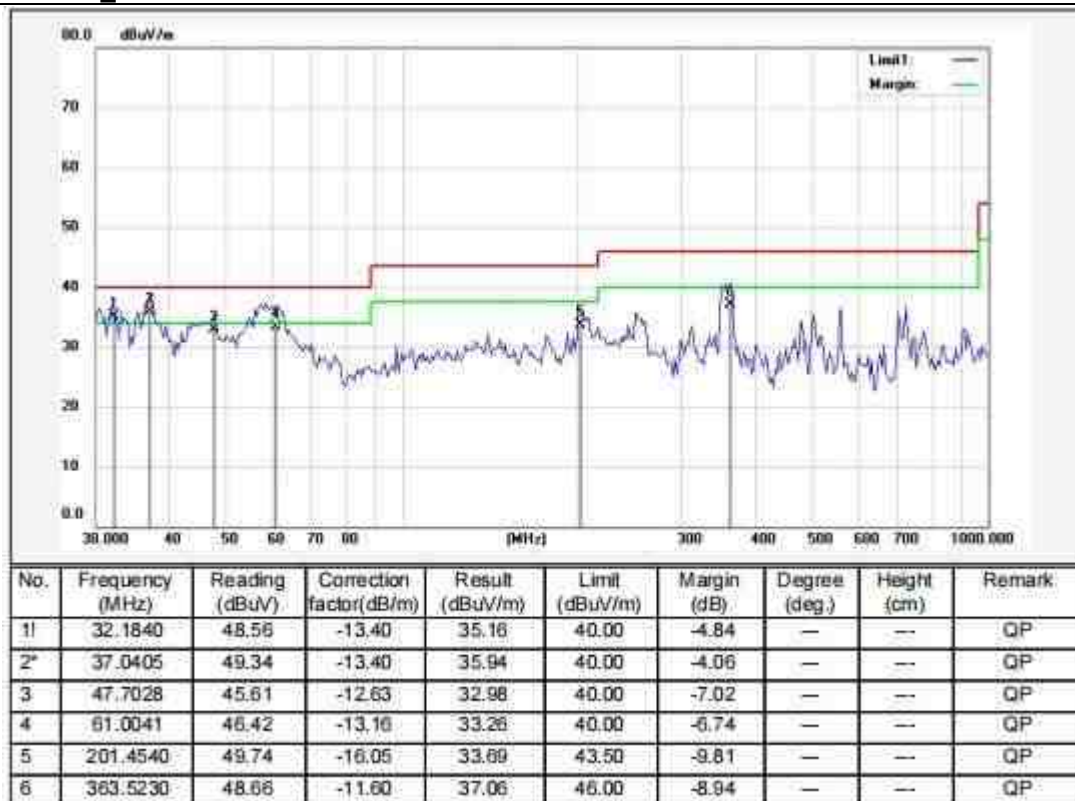
Wi-Fi 5G 11ac80_5290MHz Vertical



Wi-Fi 5G 11ax80_5775MHz Horizontal



Wi-Fi 5G 11ax80_5775MHz Vertical

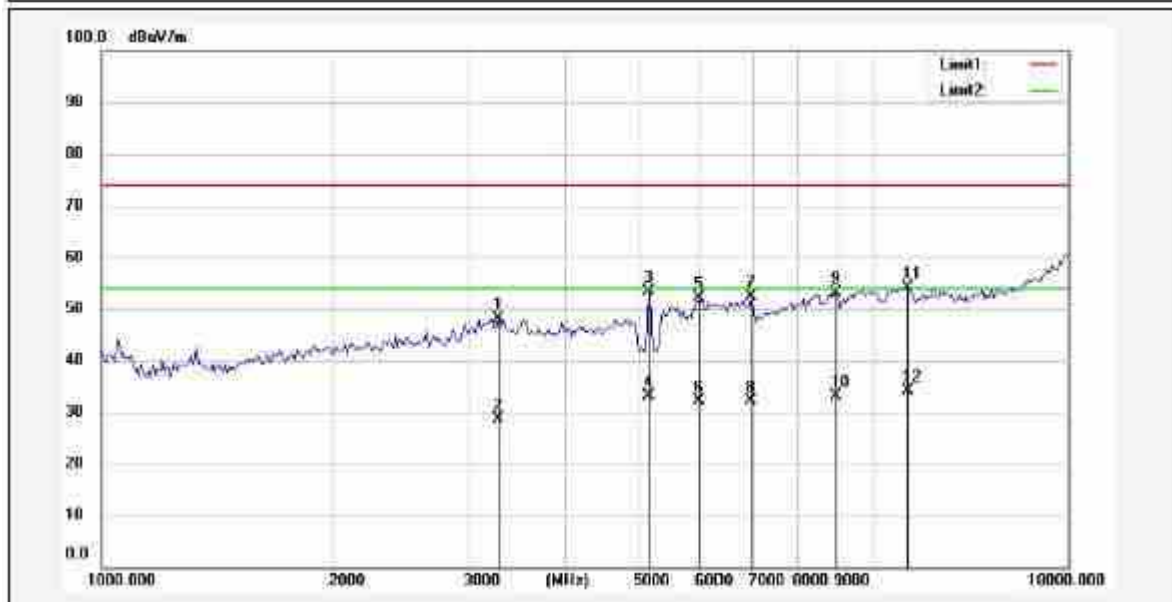


1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

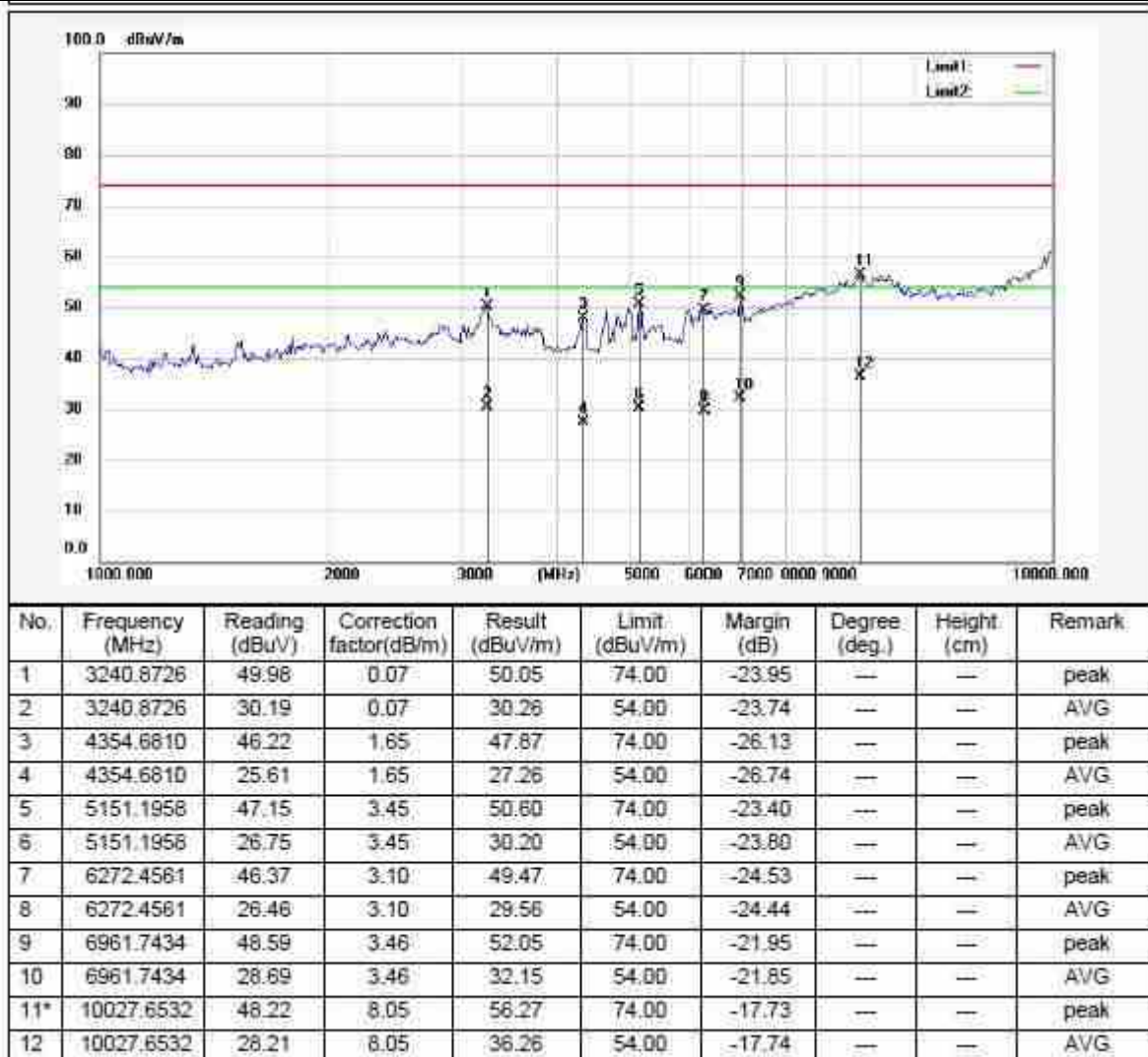
Wi-Fi 5G 802.11a:

Wi-Fi 5G 11a_5180MHz Horizontal

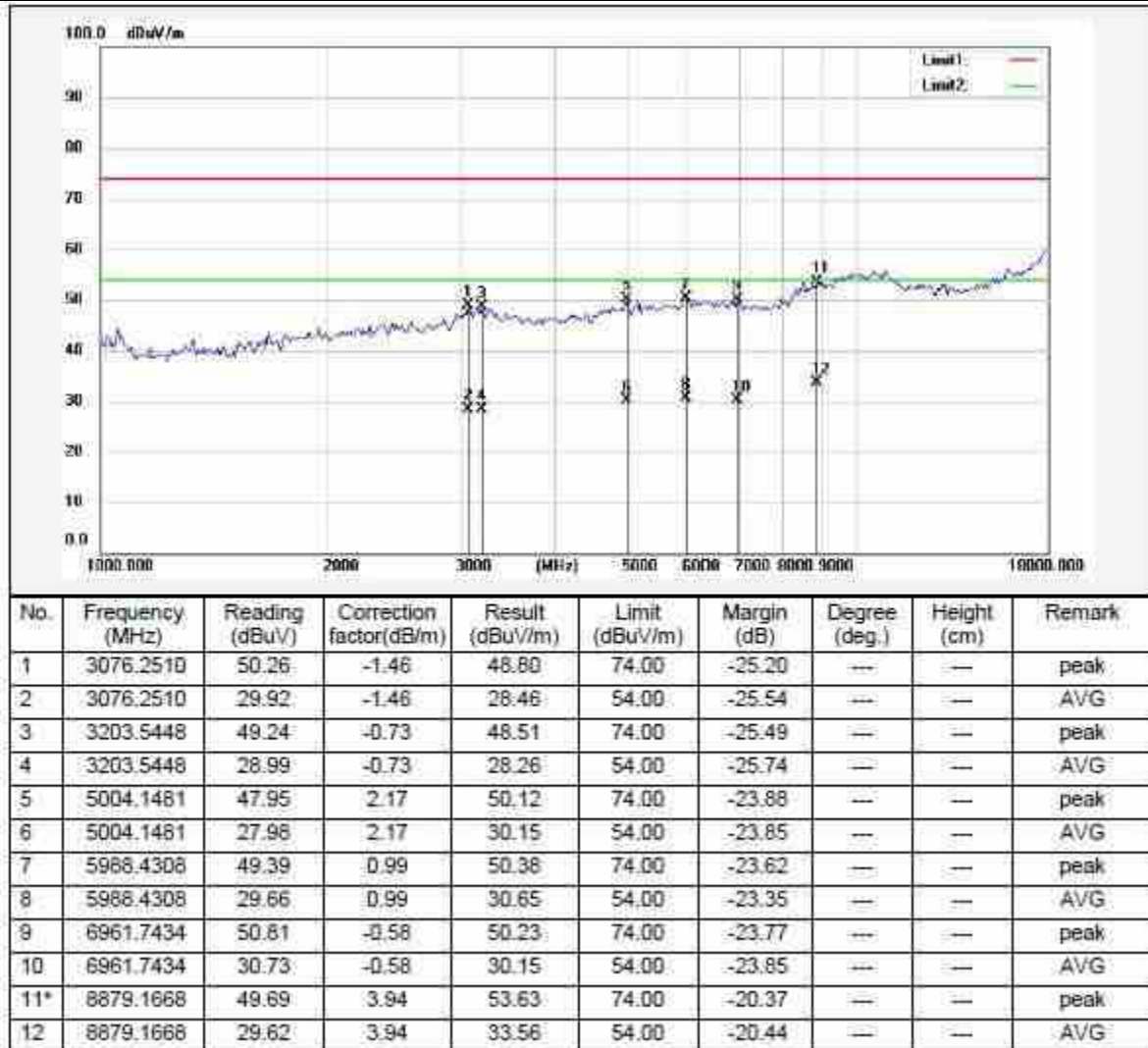


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3278.6352	48.37	-0.23	48.14	74.00	-25.86	---	---	peak
2	3278.6352	28.79	-0.23	28.56	54.00	-25.44	---	---	AVG
3	5151.1958	50.82	2.59	53.41	74.00	-20.59	---	---	peak
4	5151.1958	30.62	2.59	33.21	54.00	-20.79	---	---	AVG
5	5988.4308	51.25	0.99	52.24	74.00	-21.76	---	---	peak
6	5988.4308	31.22	0.99	32.21	54.00	-21.79	---	---	AVG
7	6961.7434	52.91	-0.58	52.33	74.00	-21.67	---	---	peak
8	6961.7434	32.73	-0.58	32.15	54.00	-21.85	---	---	AVG
9	8982.6270	49.20	3.81	53.01	74.00	-20.99	---	---	peak
10	8982.6270	29.31	3.81	33.12	54.00	-20.88	---	---	AVG
11	11129.6033	23.67	30.40	54.07	74.00	-19.93	---	---	peak
12*	11129.6033	3.75	30.40	34.15	54.00	-19.85	---	---	AVG

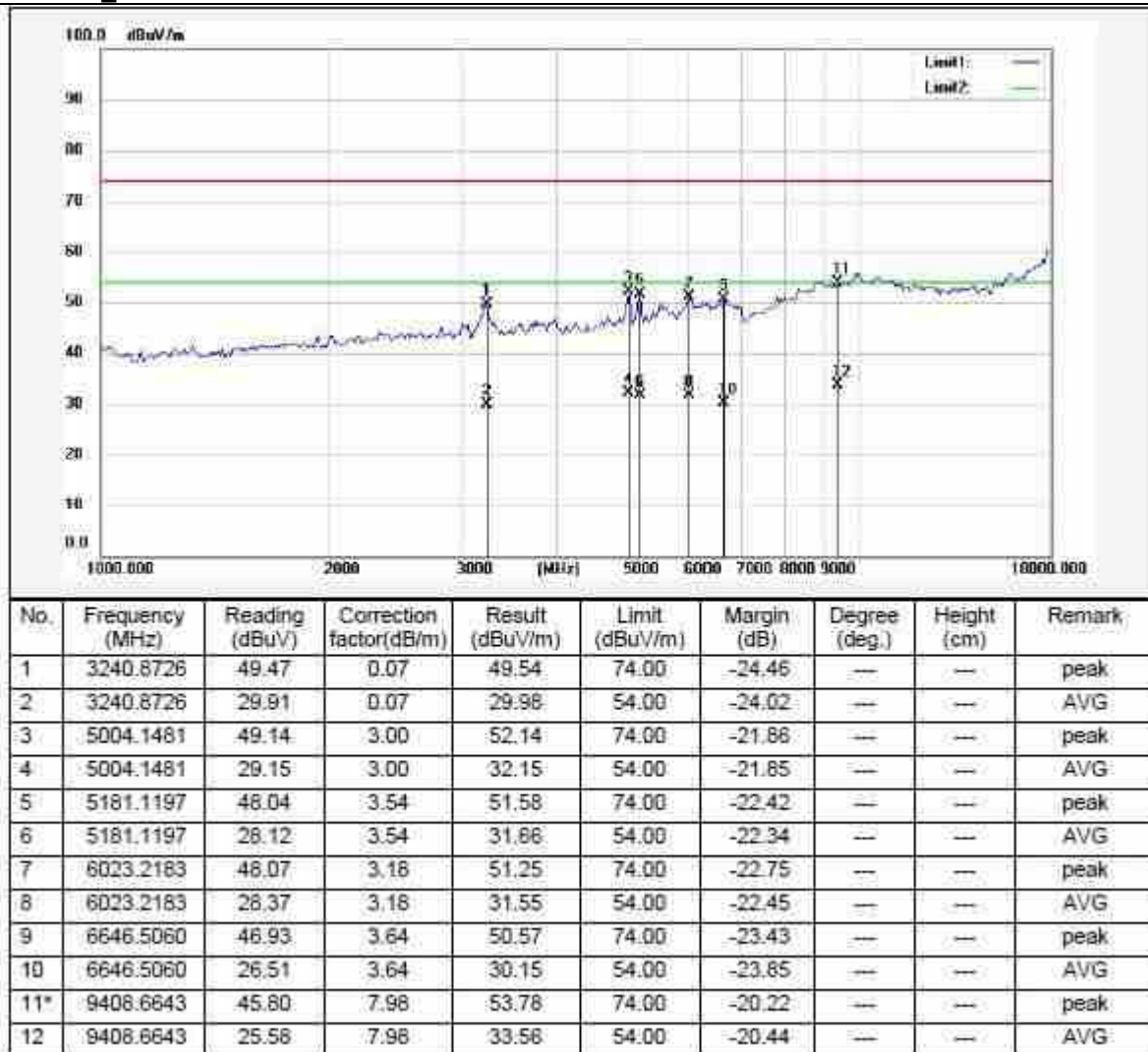
Wi-Fi 5G 11a_5180MHz Vertical



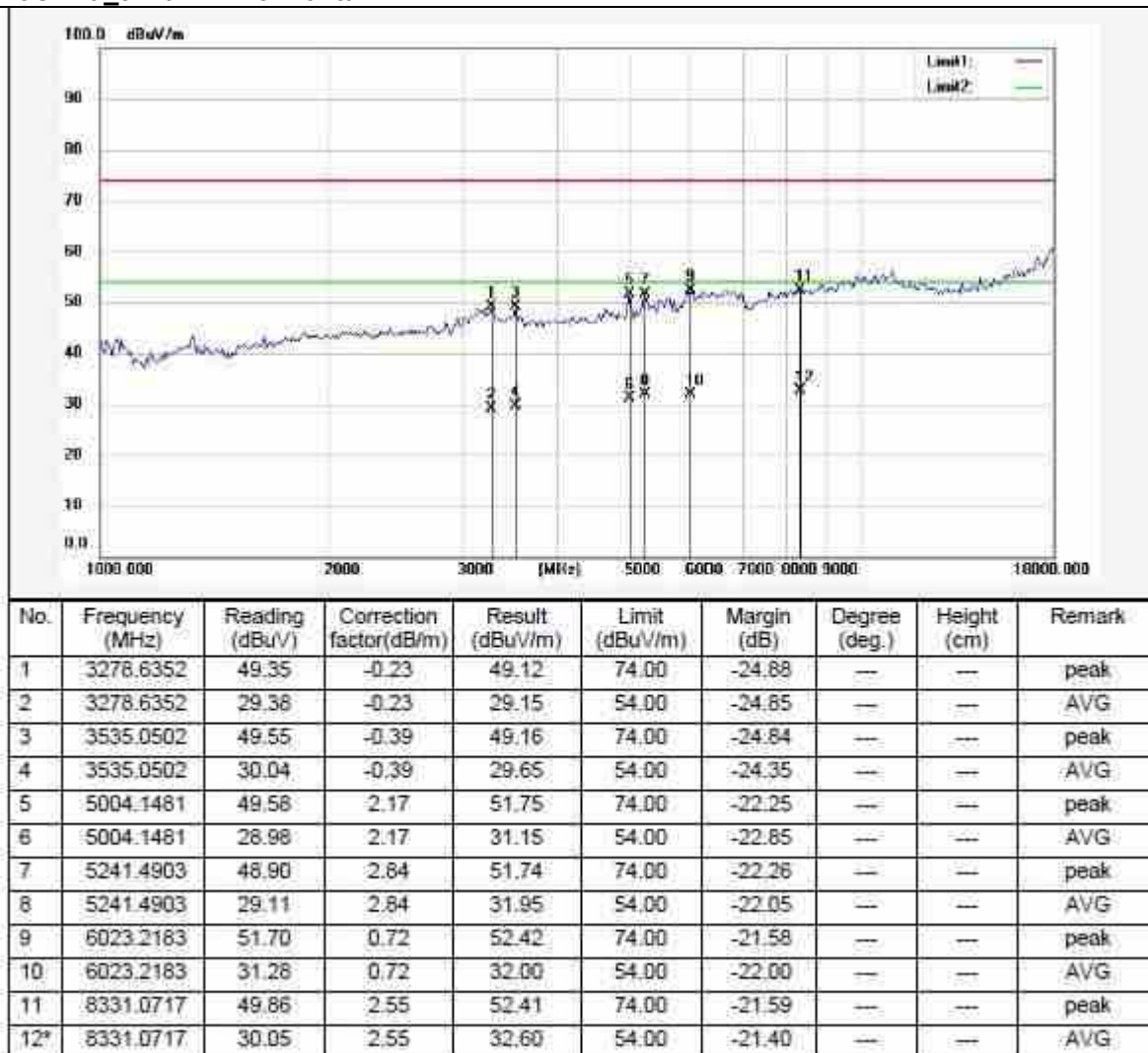
Wi-Fi 5G 11a_5200MHz Horizontal



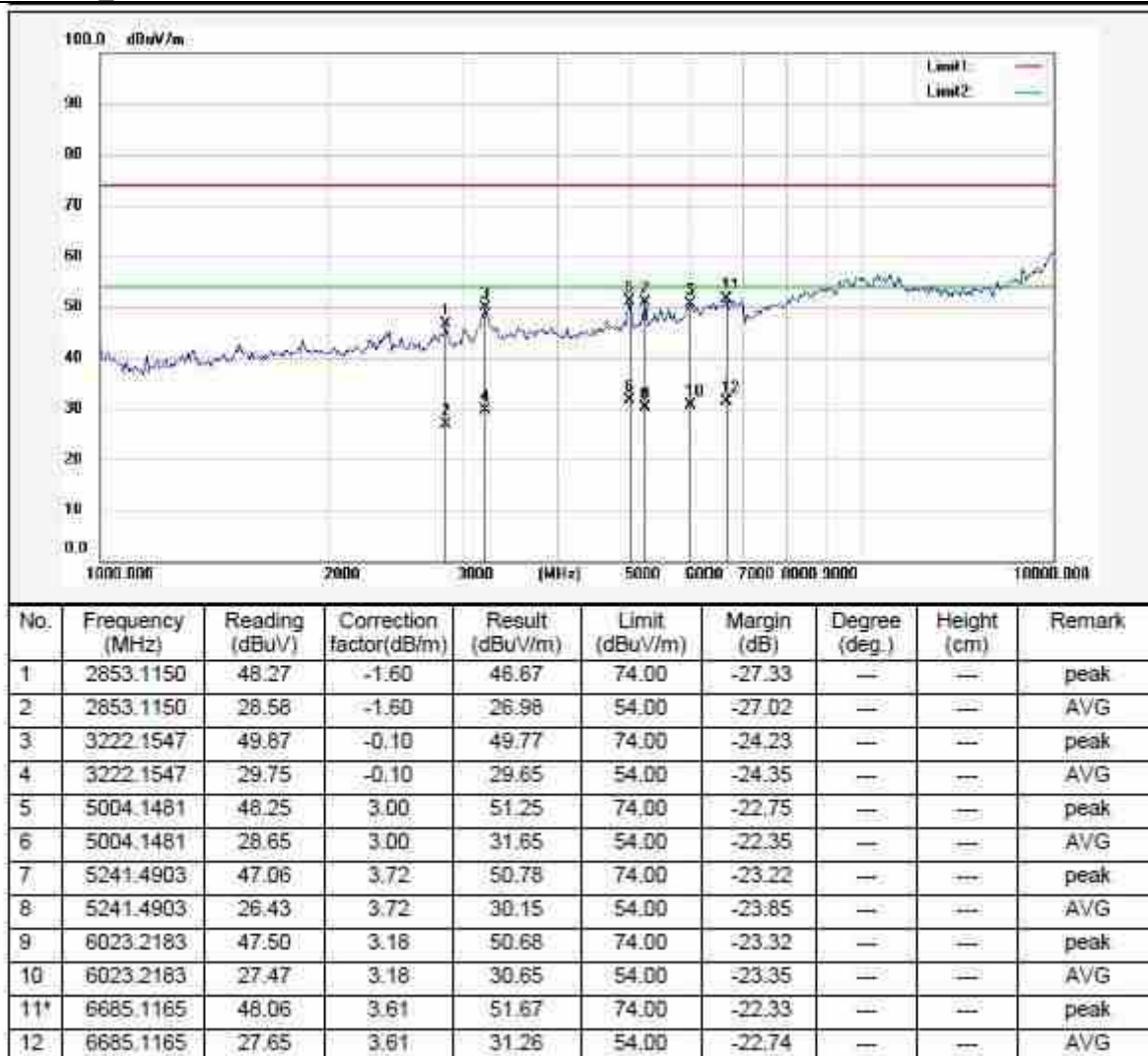
Wi-Fi 5G 11a_5200MHz Vertical



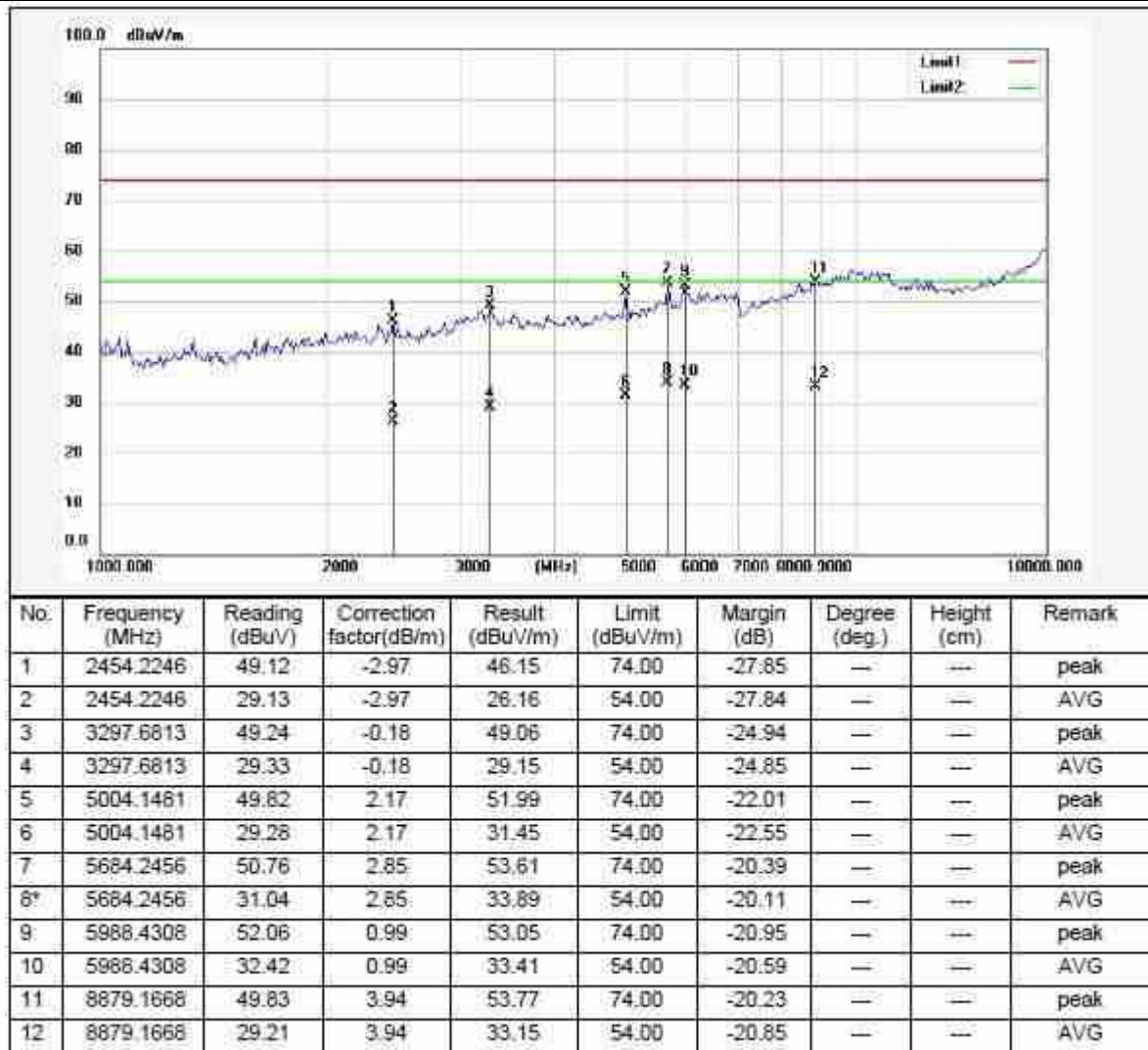
Wi-Fi 5G 11a_5240MHz Horizontal



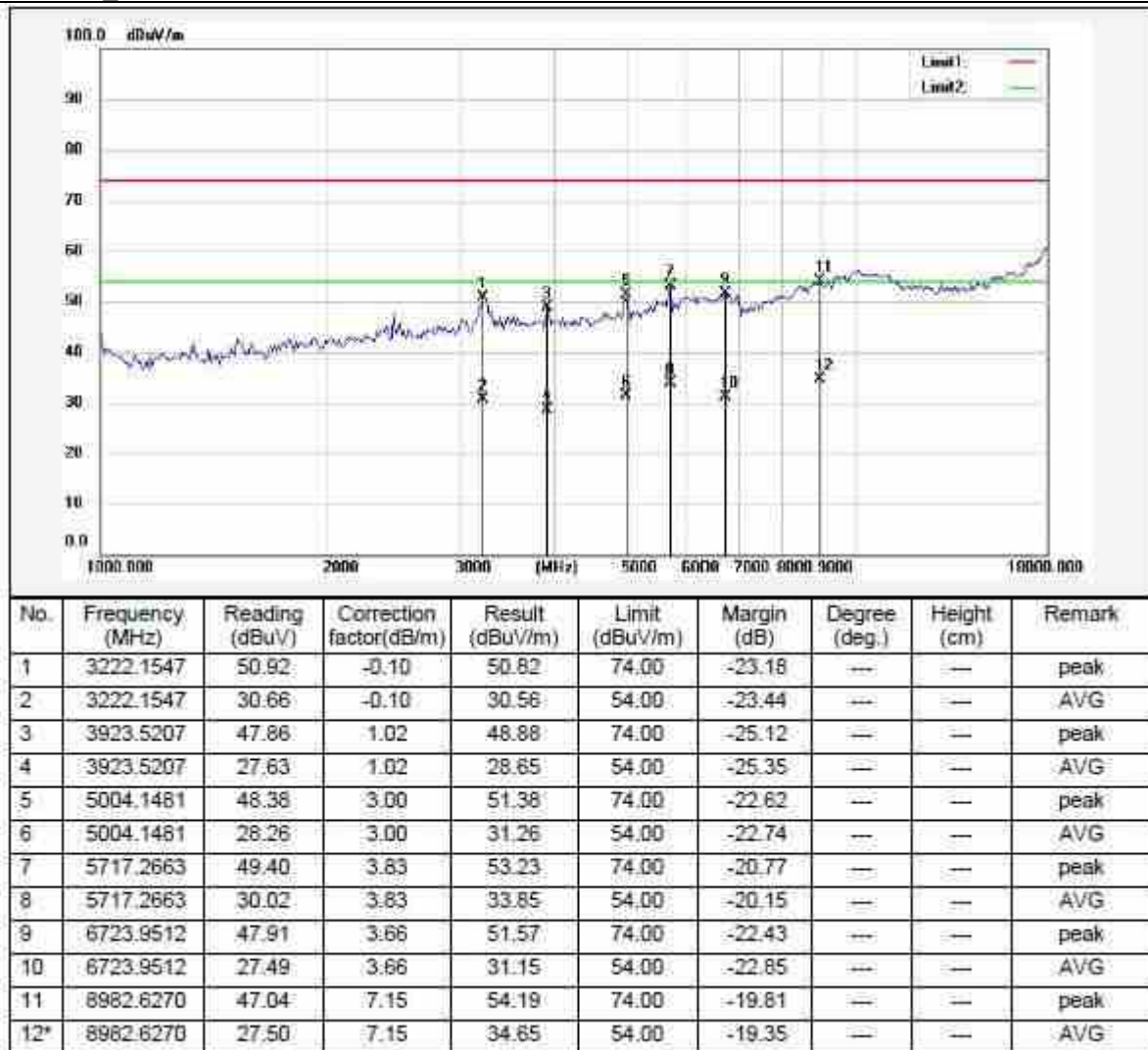
Wi-Fi 5G 11a_5240MHz Vertical



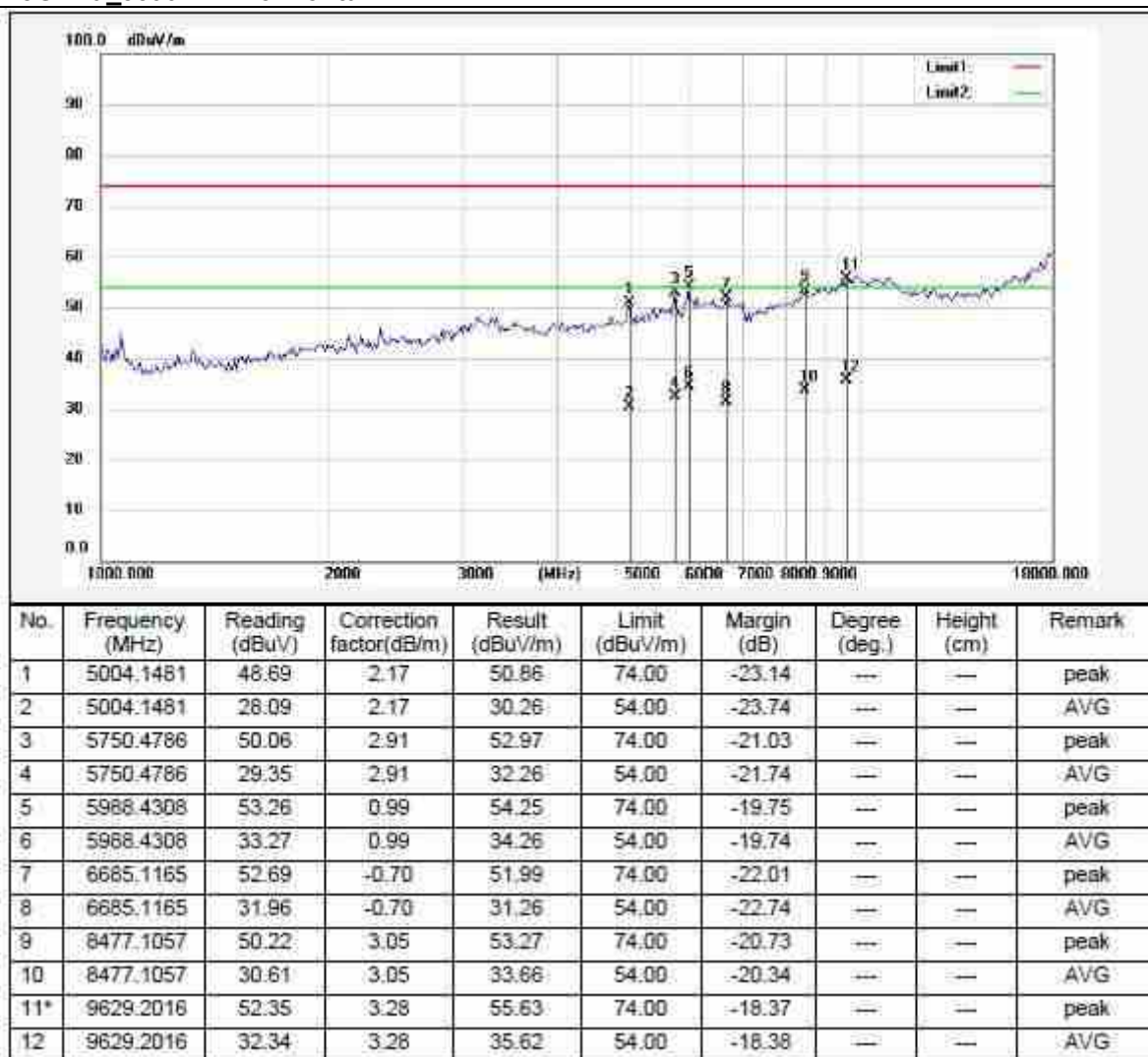
Wi-Fi 5G 11a_5260MHz Horizontal



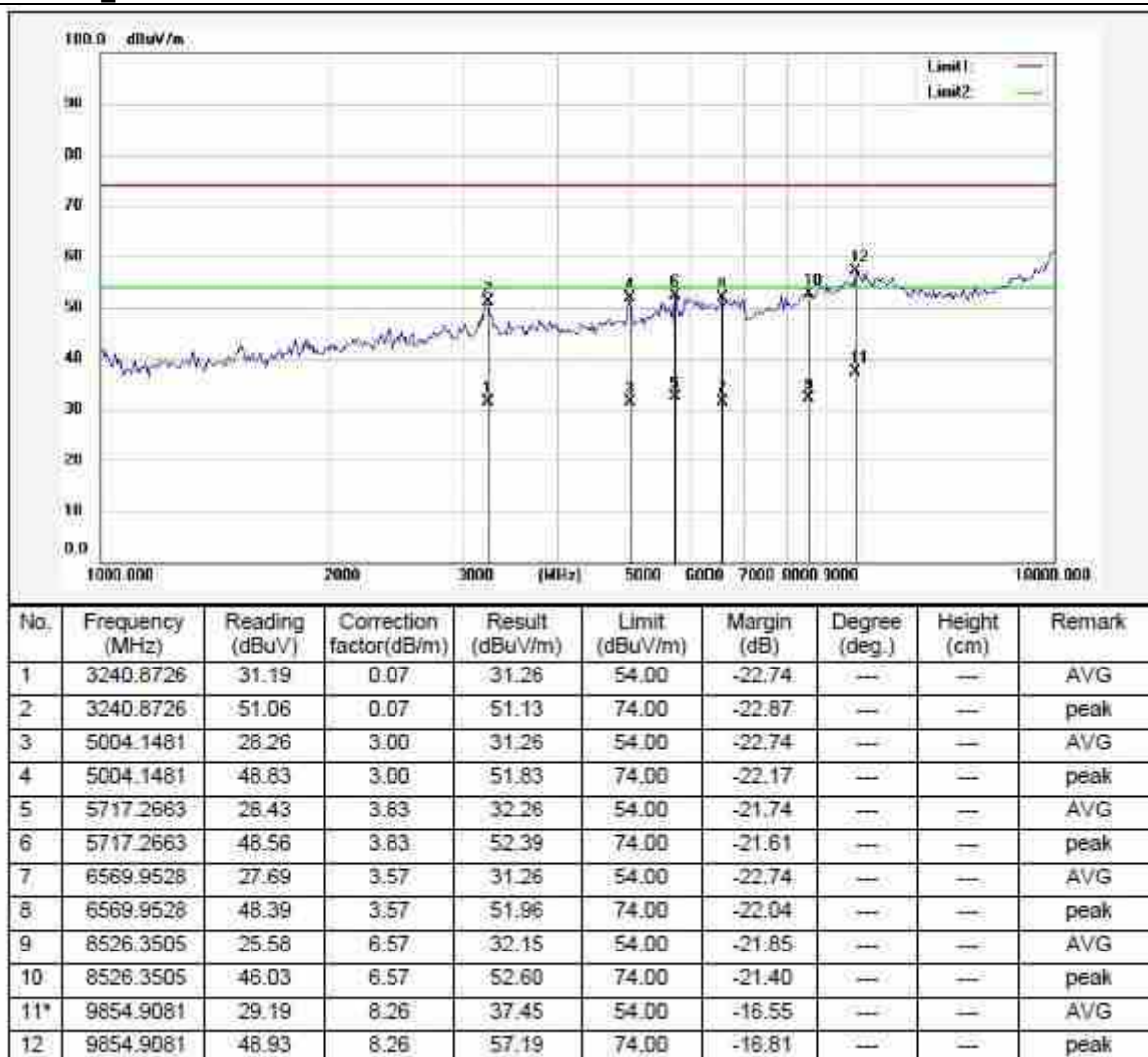
Wi-Fi 5G 11a_5260MHz Vertical



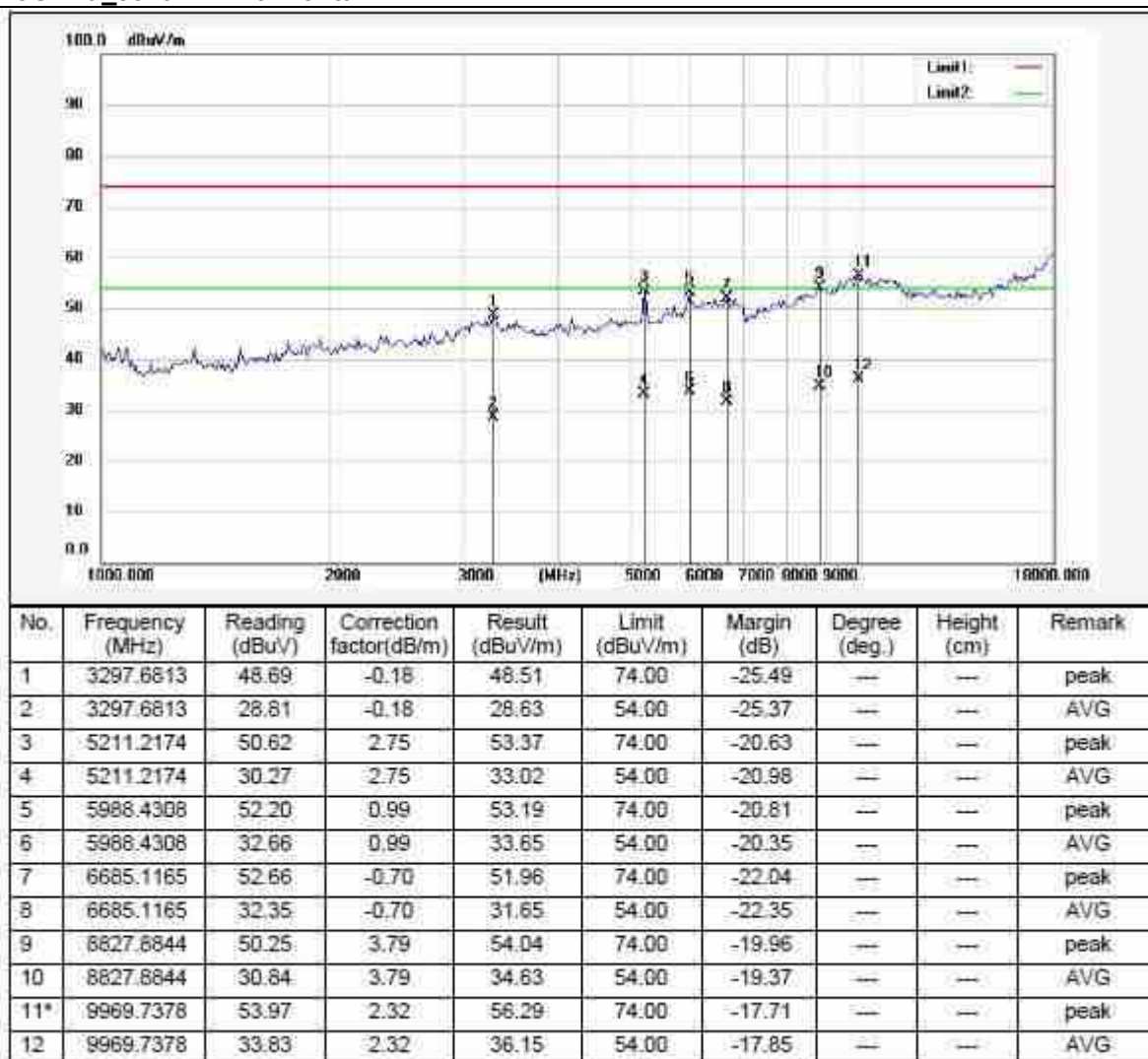
Wi-Fi 5G 11a_5300MHz Horizontal



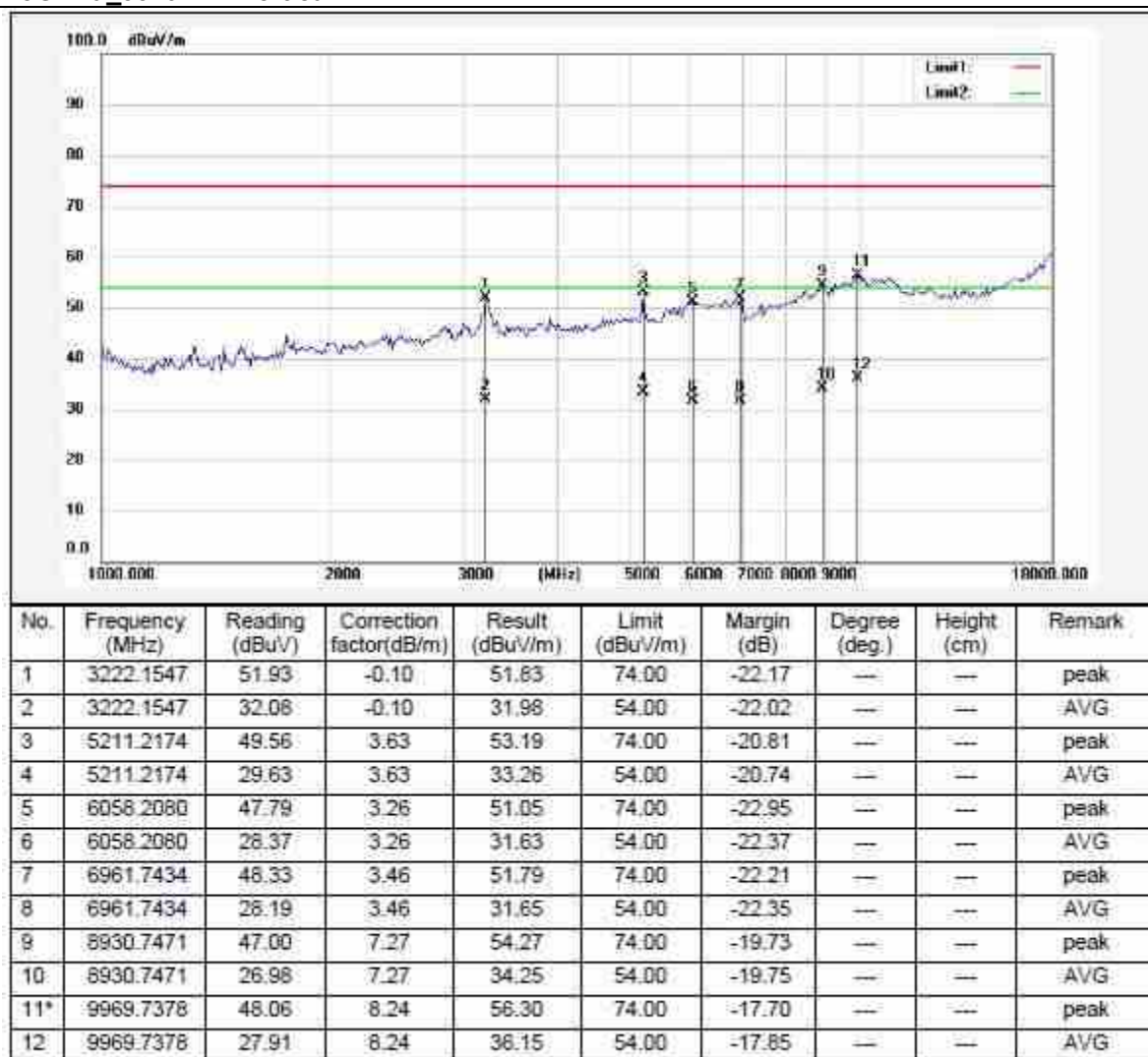
Wi-Fi 5G 11a_5300MHz Vertical



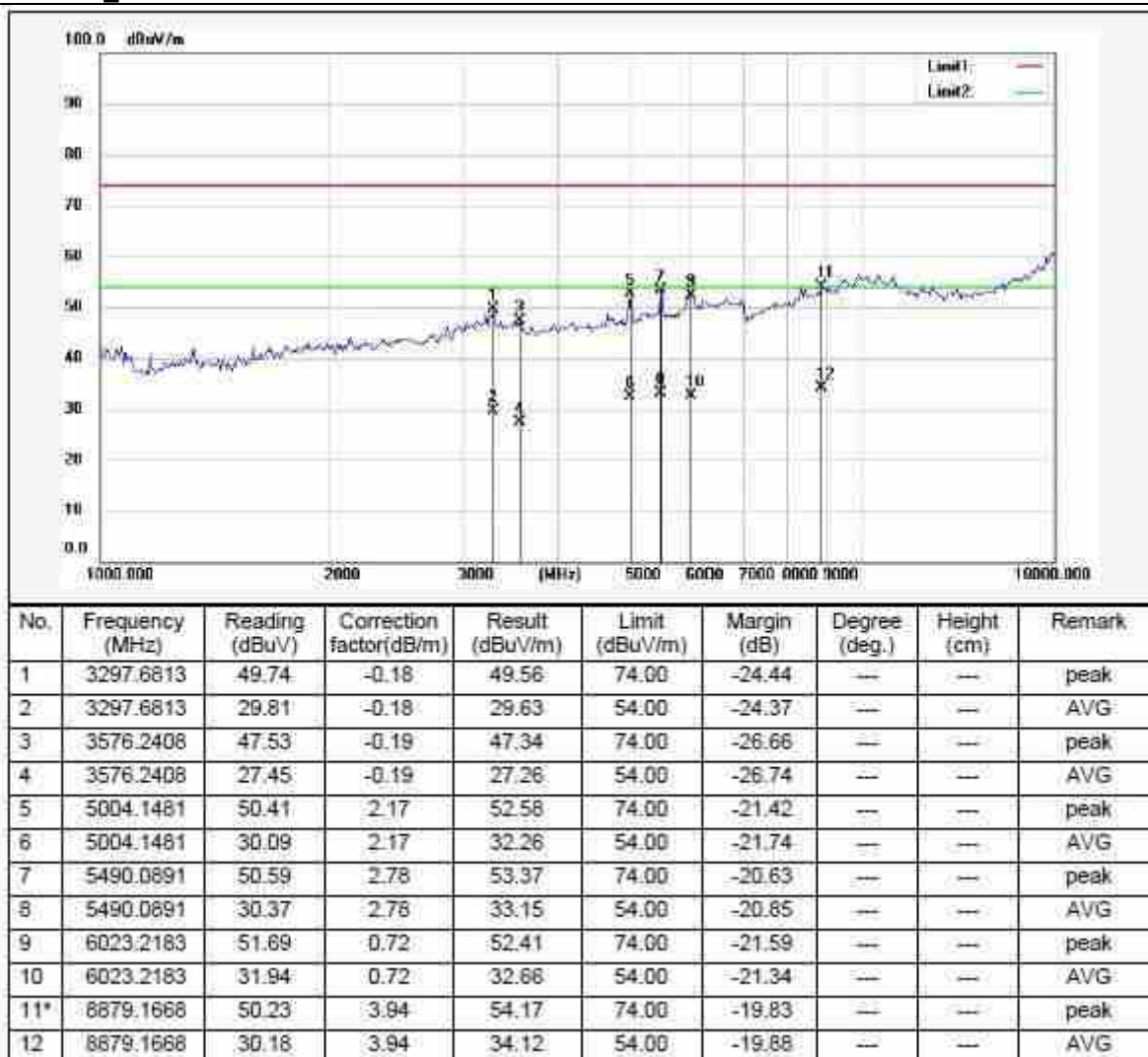
Wi-Fi 5G 11a_5320MHz Horizontal



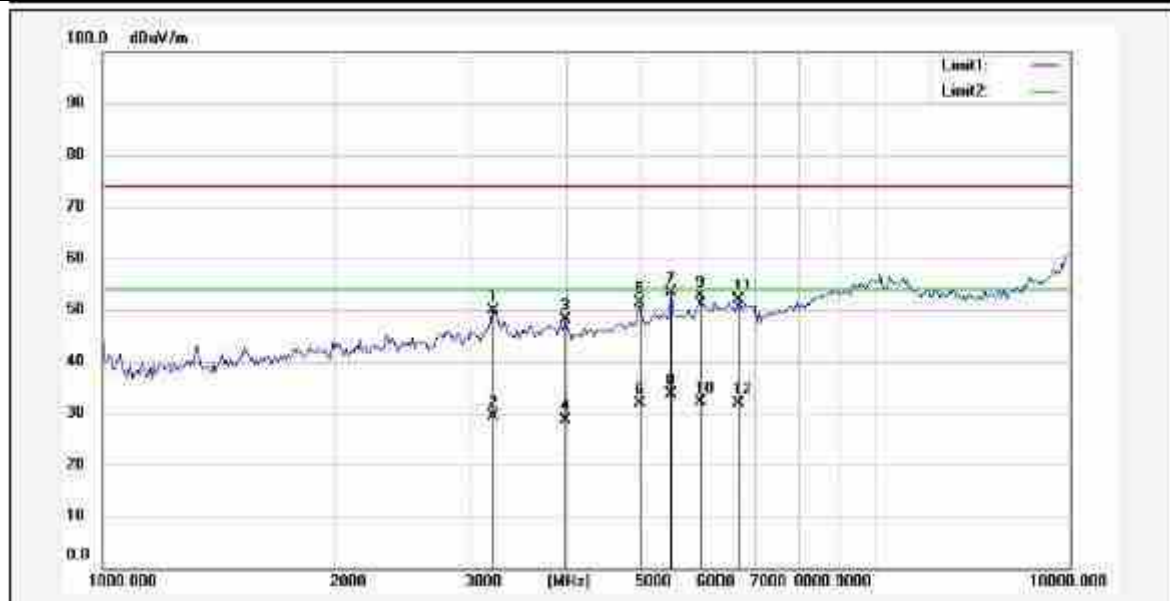
Wi-Fi 5G 11a_5320MHz Vertical



Wi-Fi 5G 11a_5500MHz Horizontal

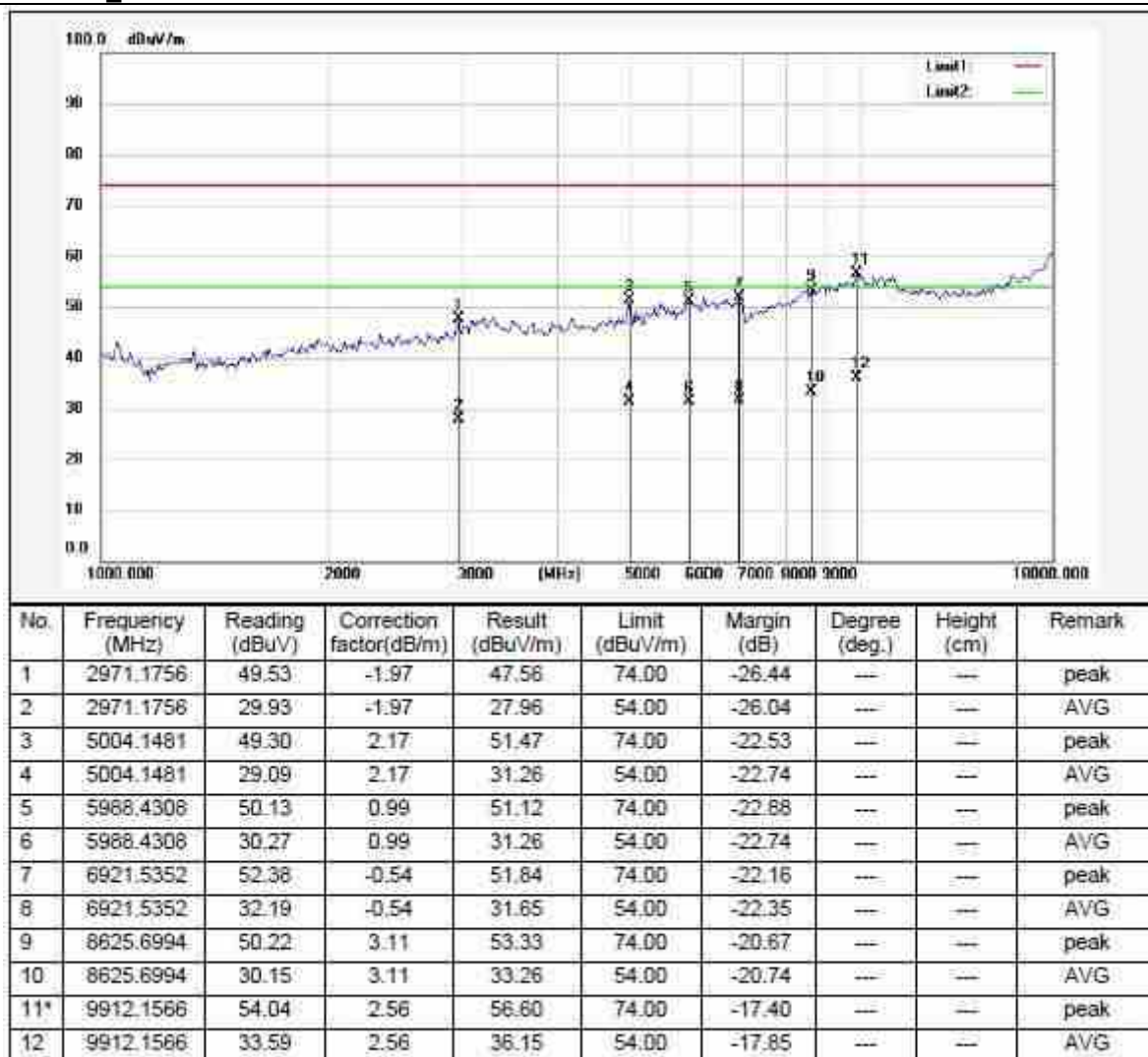


Wi-Fi 5G 11a_5500MHz Vertical

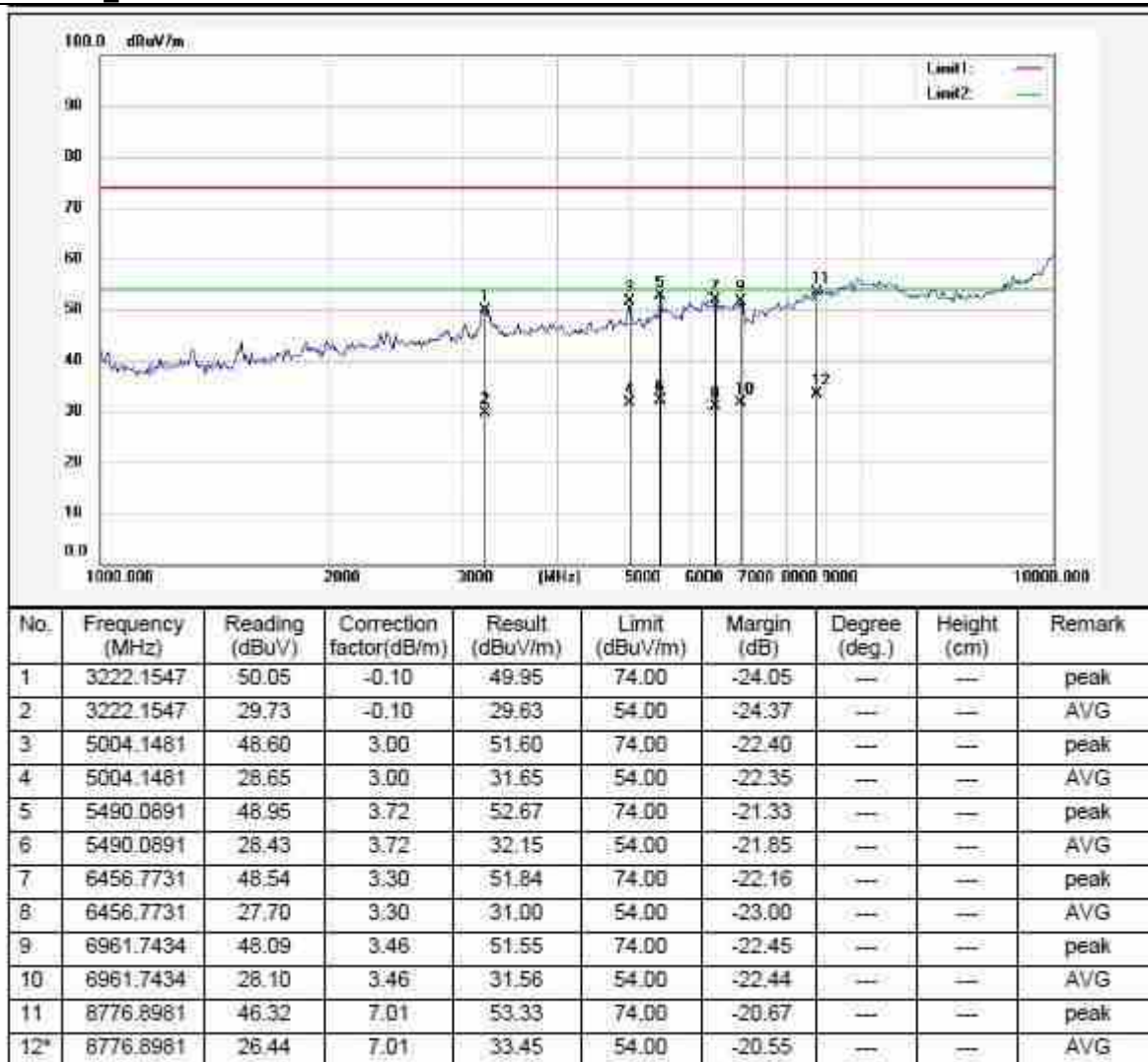


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3222.1547	50.08	-0.10	49.98	74.00	-24.02	---	---	peak
2	3222.1547	29.36	-0.10	29.26	54.00	-24.74	---	---	AVG
3	3992.2957	46.66	1.20	48.06	74.00	-25.94	---	---	peak
4	3992.2957	27.45	1.20	28.65	54.00	-25.35	---	---	AVG
5	5004.1481	48.32	3.00	51.32	74.00	-22.68	---	---	peak
6	5004.1481	28.98	3.00	31.98	54.00	-22.02	---	---	AVG
7	5490.0891	49.66	3.72	53.38	74.00	-20.62	---	---	peak
8*	5490.0891	29.91	3.72	33.63	54.00	-20.37	---	---	AVG
9	5968.4308	48.46	4.08	52.54	74.00	-21.46	---	---	peak
10	5968.4308	28.07	4.08	32.15	54.00	-21.85	---	---	AVG
11	6685.1165	48.25	3.61	51.86	74.00	-22.14	---	---	peak
12	6685.1165	28.35	3.61	31.96	54.00	-22.04	---	---	AVG

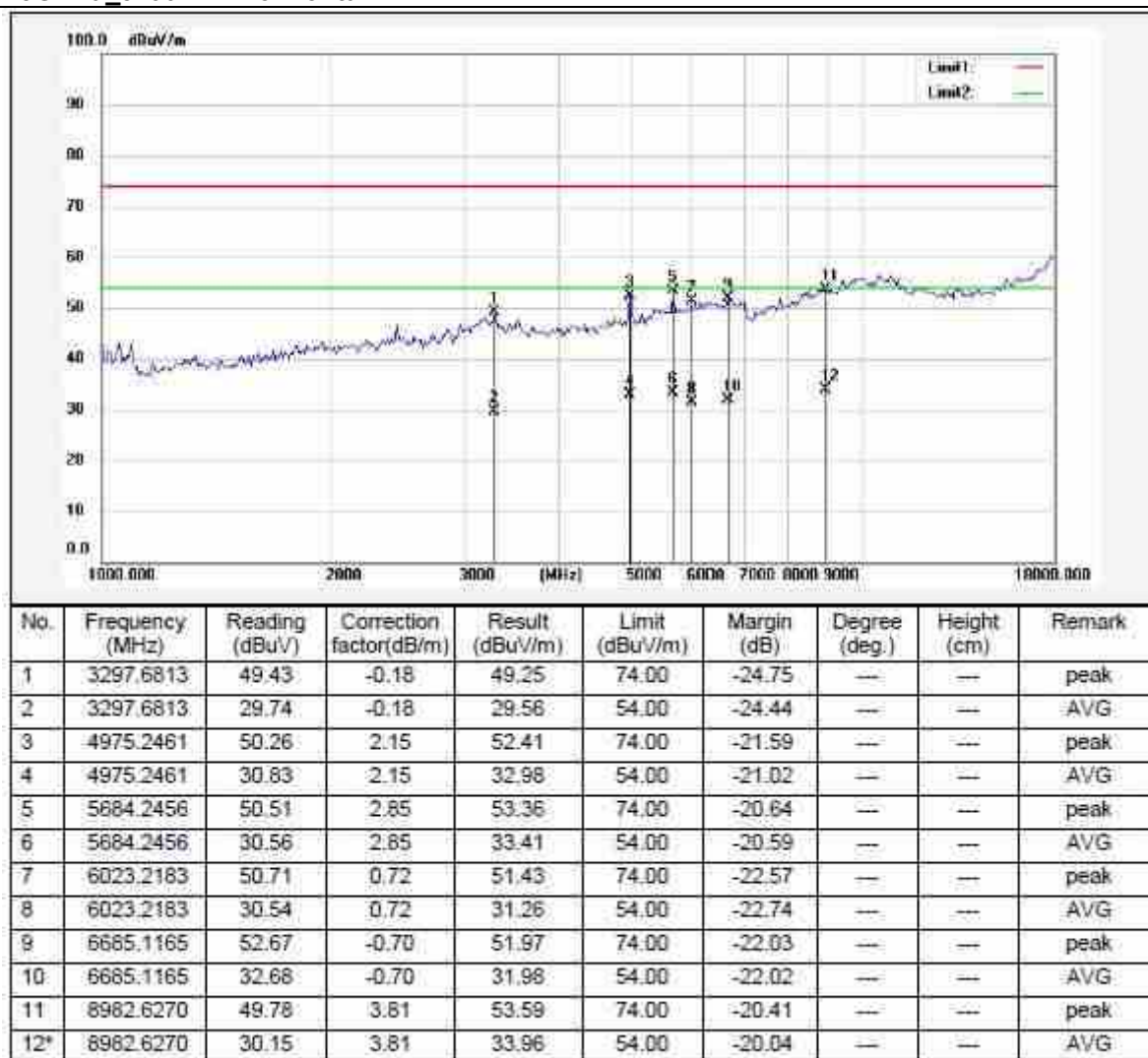
Wi-Fi 5G 11a_5580MHz Horizontal



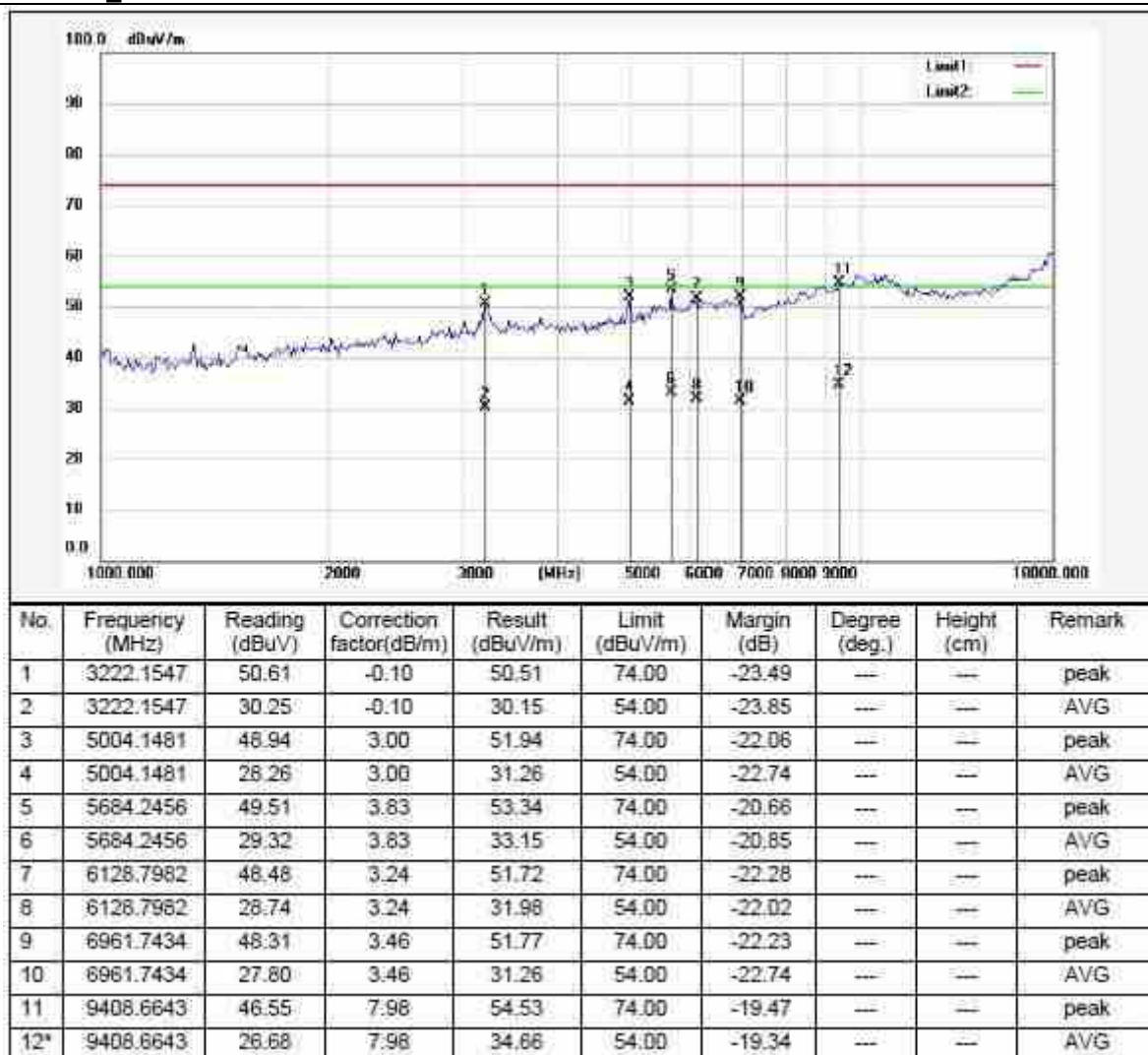
Wi-Fi 5G 11a_5580MHz Vertical



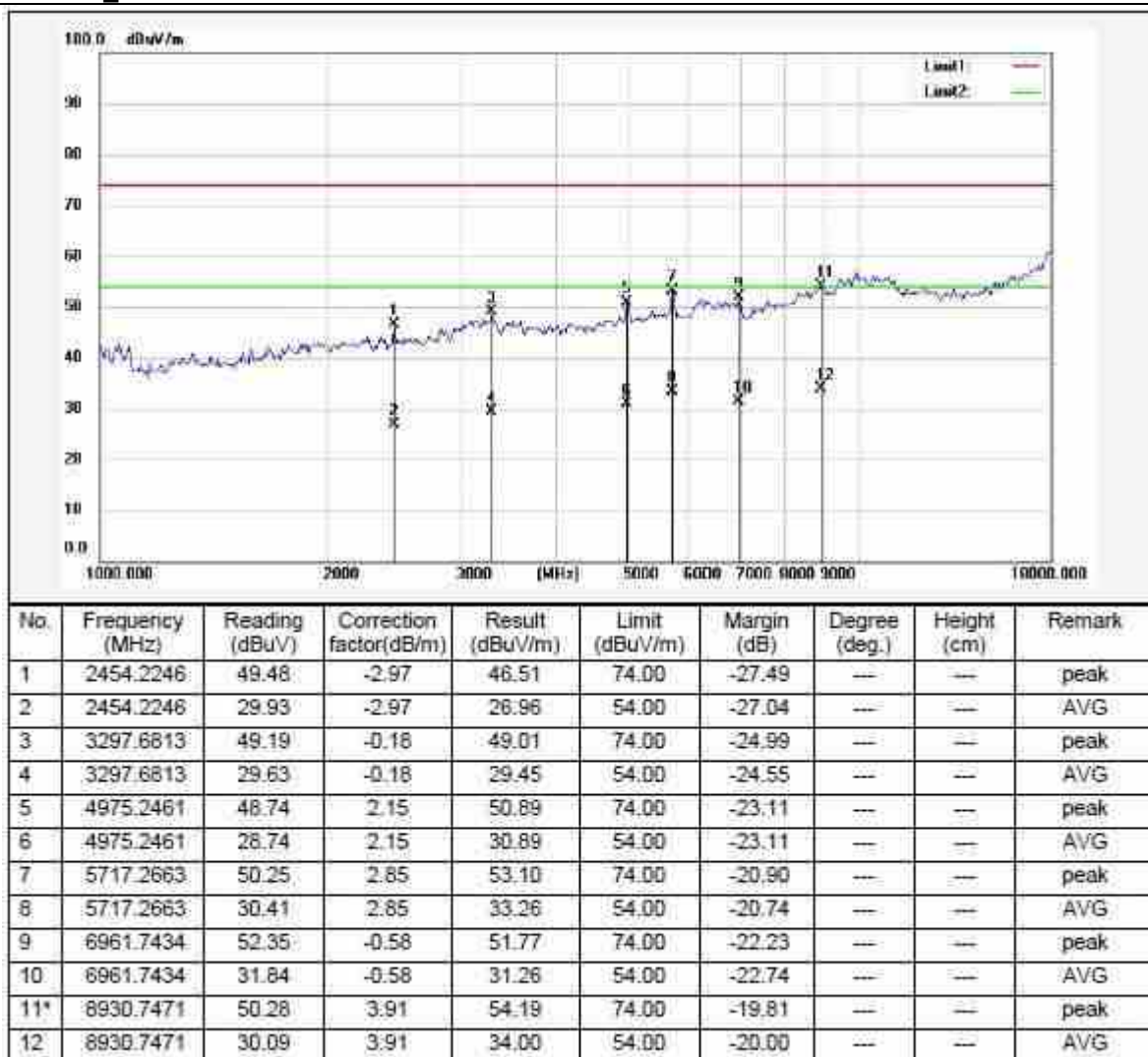
Wi-Fi 5G 11a_5700MHz Horizontal



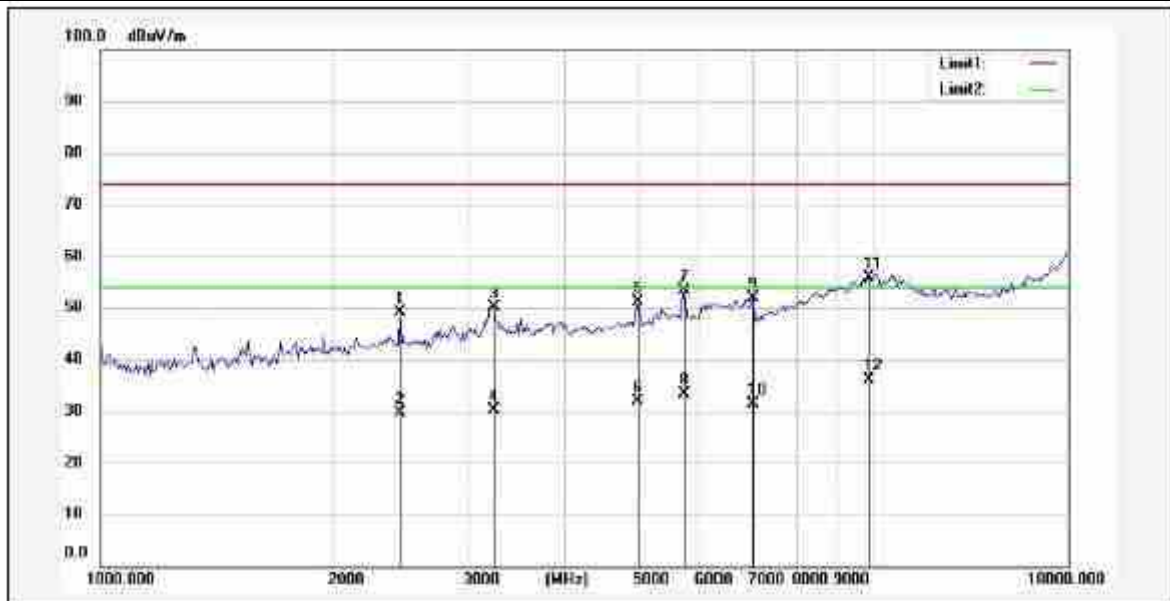
Wi-Fi 5G 11a_5700MHz Vertical



Wi-Fi 5G 11a_5745MHz Horizontal

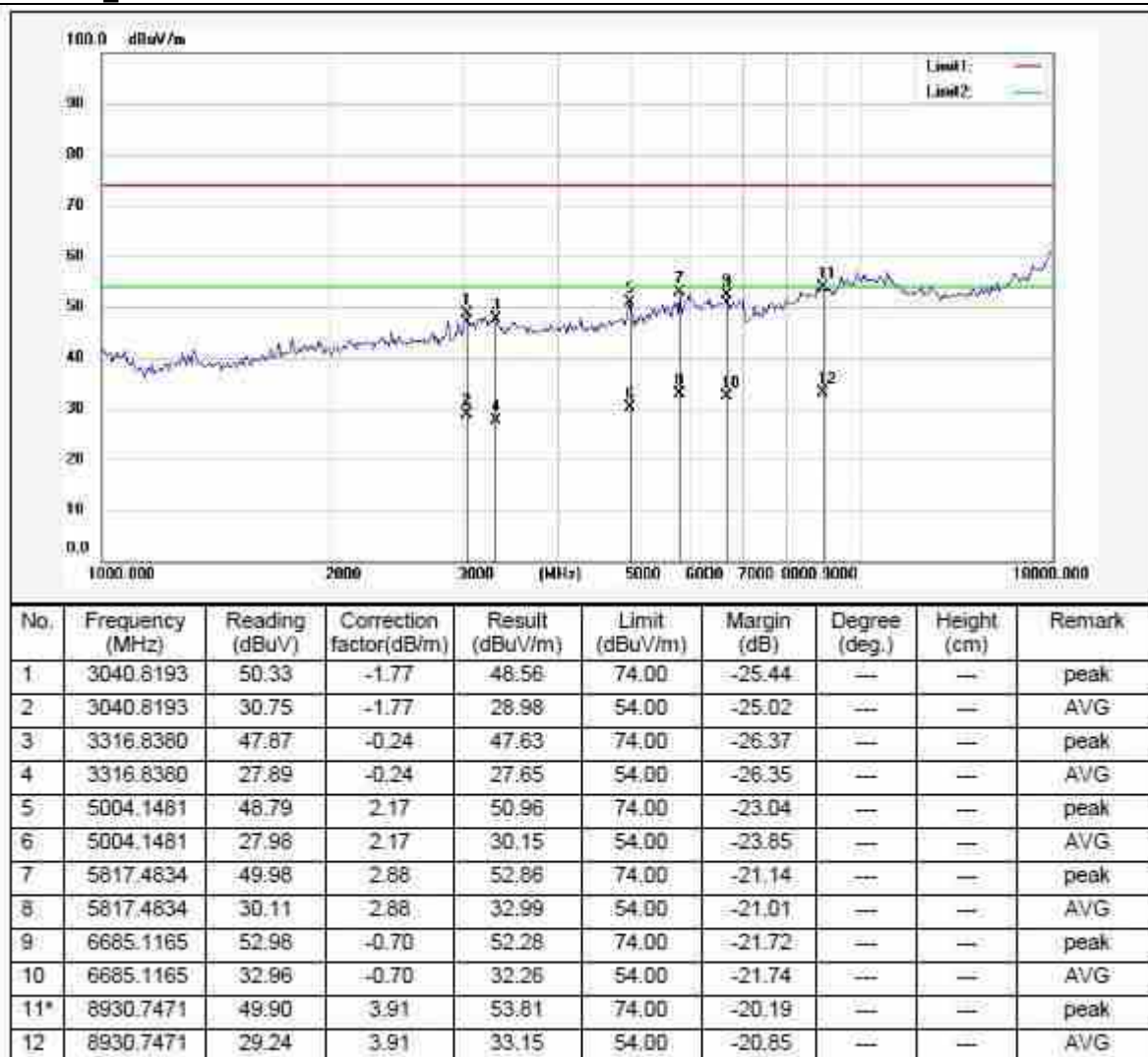


Wi-Fi 5G 11a_5745MHz Vertical

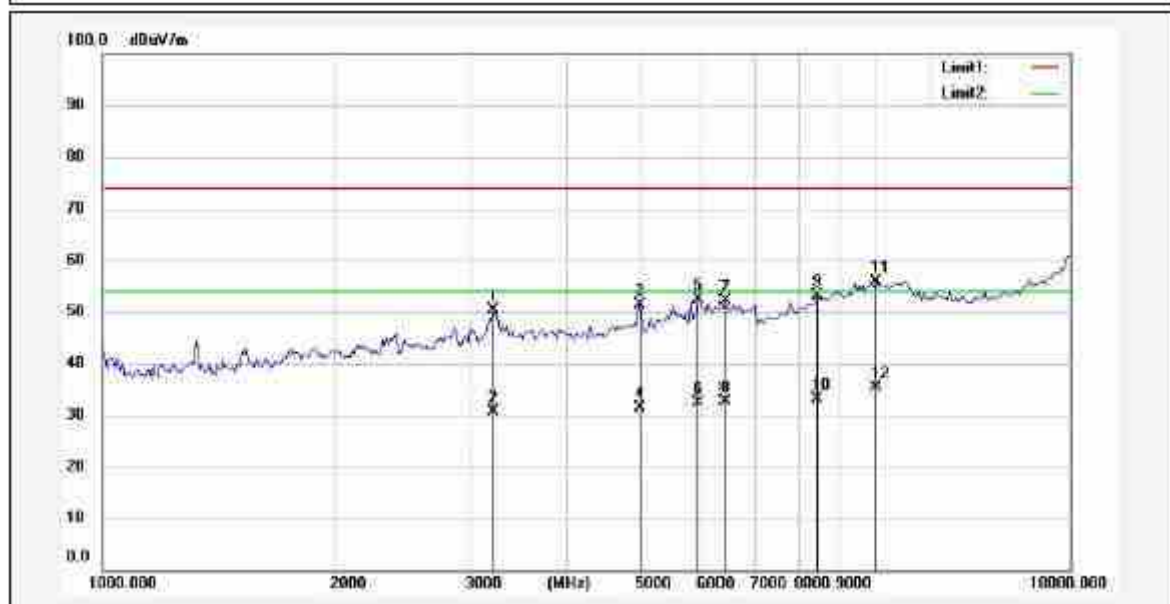


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	2454.2246	51.71	-2.67	49.04	74.00	-24.96	---	---	peak
2	2454.2246	32.23	-2.67	29.56	54.00	-24.44	---	---	AVG
3	3240.8726	50.02	0.07	50.09	74.00	-23.91	---	---	peak
4	3240.8726	30.08	0.07	30.15	54.00	-23.85	---	---	AVG
5	5004.1481	48.16	3.00	51.16	74.00	-22.84	---	---	peak
6	5004.1481	28.98	3.00	31.98	54.00	-22.02	---	---	AVG
7	5750.4786	49.55	3.90	53.45	74.00	-20.55	---	---	peak
8	5750.4786	29.55	3.90	33.45	54.00	-20.55	---	---	AVG
9	7002.1850	48.34	3.50	51.84	74.00	-22.16	---	---	peak
10	7002.1850	27.76	3.50	31.26	54.00	-22.74	---	---	AVG
11	9912.1566	47.68	8.32	56.00	74.00	-18.00	---	---	peak
12*	9912.1566	27.80	8.32	36.12	54.00	-17.88	---	---	AVG

Wi-Fi 5G 11a_5785MHz Horizontal

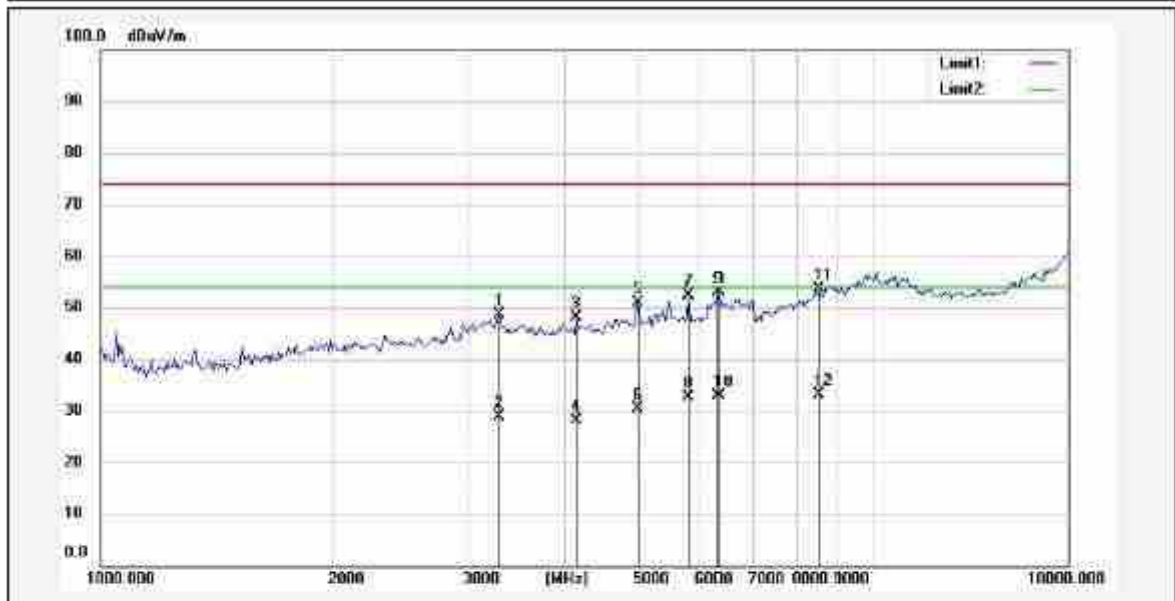


Wi-Fi 5G 11a_5785MHz Vertical



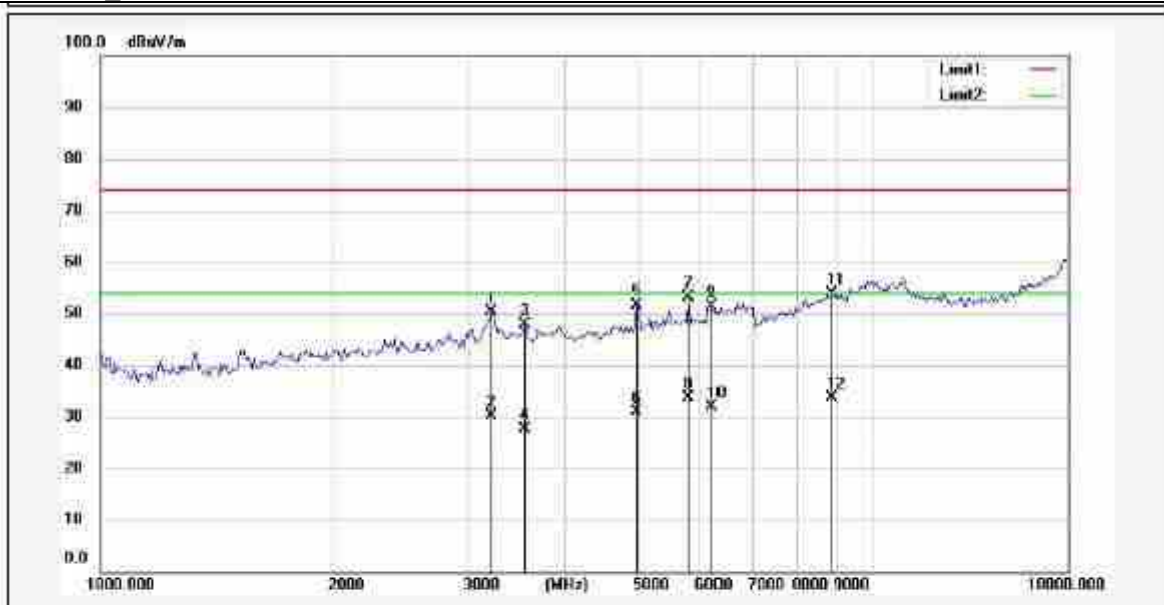
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3222.1547	50.56	-0.10	50.46	74.00	-23.54	---	---	peak
2	3222.1547	30.79	-0.10	30.69	54.00	-23.31	---	---	AVG
3	5004.1481	48.48	3.00	51.48	74.00	-22.52	---	---	peak
4	5004.1481	28.26	3.00	31.26	54.00	-22.74	---	---	AVG
5	5953.8441	48.49	4.01	52.50	74.00	-21.50	---	---	peak
6	5953.8441	28.25	4.01	32.26	54.00	-21.74	---	---	AVG
7	6419.4813	48.70	3.42	52.12	74.00	-21.88	---	---	peak
8	6419.4813	29.24	3.42	32.66	54.00	-21.34	---	---	AVG
9	8428.1455	46.63	6.48	53.11	74.00	-20.89	---	---	peak
10	8428.1455	26.74	6.48	33.22	54.00	-20.78	---	---	AVG
11*	10085.9053	48.13	7.74	55.87	74.00	-18.13	---	---	peak
12	10085.9053	27.59	7.74	35.33	54.00	-18.67	---	---	AVG

Wi-Fi 5G 11a_5825MHz Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3297.6813	48.80	-0.18	48.62	74.00	-25.38	---	---	peak
2	3297.6813	29.14	-0.18	28.96	54.00	-25.04	---	---	AVG
3	4157.4950	47.61	0.51	48.12	74.00	-25.88	---	---	peak
4	4157.4950	27.64	0.51	28.15	54.00	-25.85	---	---	AVG
5	5004.1481	48.60	2.17	50.77	74.00	-23.23	---	---	peak
6	5004.1481	28.28	2.17	30.45	54.00	-23.55	---	---	AVG
7	5817.4834	49.57	2.88	52.45	74.00	-21.55	---	---	peak
8	5817.4834	29.78	2.88	32.66	54.00	-21.34	---	---	AVG
9	6345.5430	54.25	-1.33	52.92	74.00	-21.08	---	---	peak
10	6345.5430	34.29	-1.33	32.96	54.00	-21.04	---	---	AVG
11*	8526.3505	50.60	3.08	53.68	74.00	-20.32	---	---	peak
12	8526.3505	30.07	3.08	33.15	54.00	-20.85	---	---	AVG

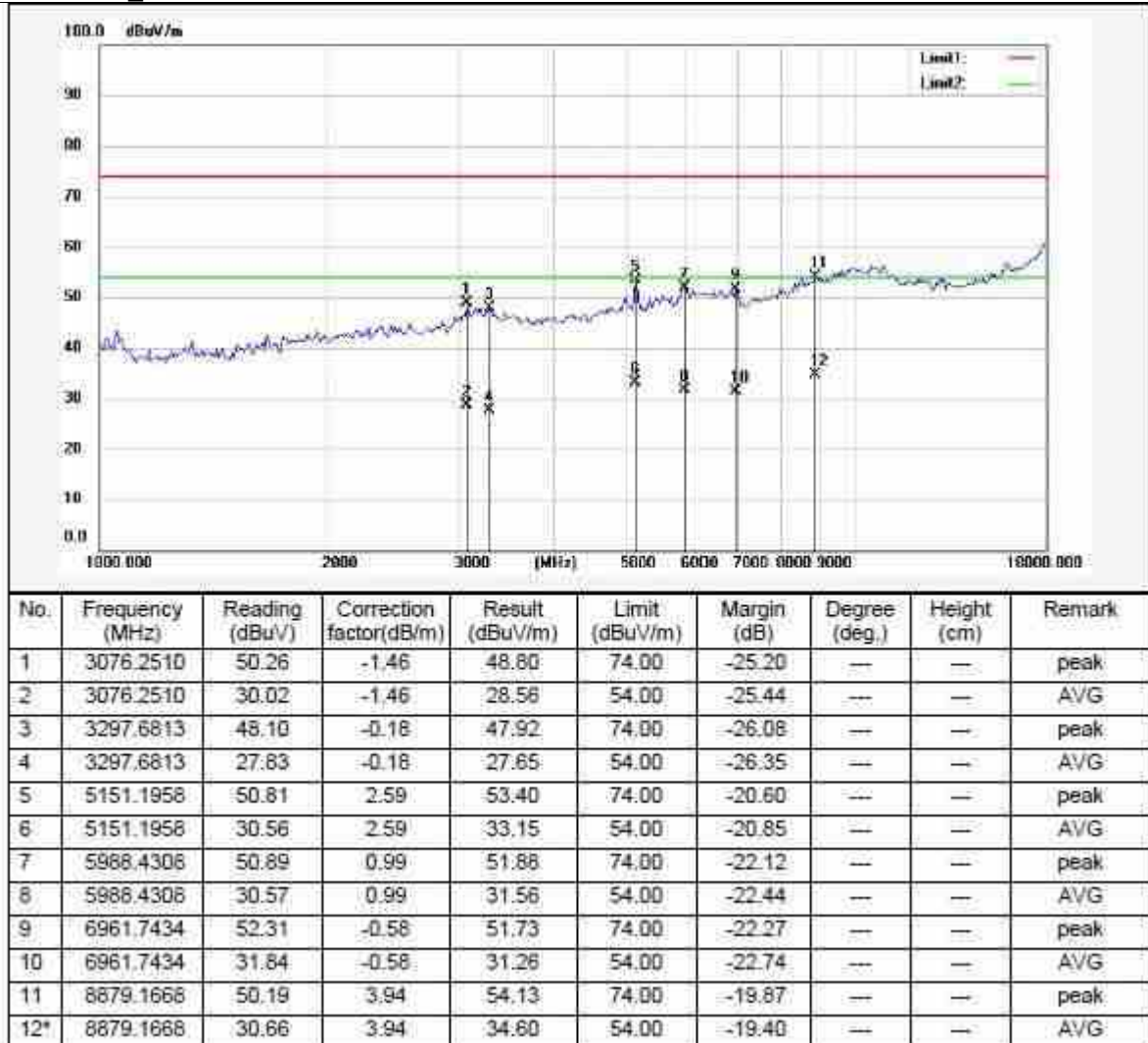
Wi-Fi 5G 11a_5825MHz Vertical



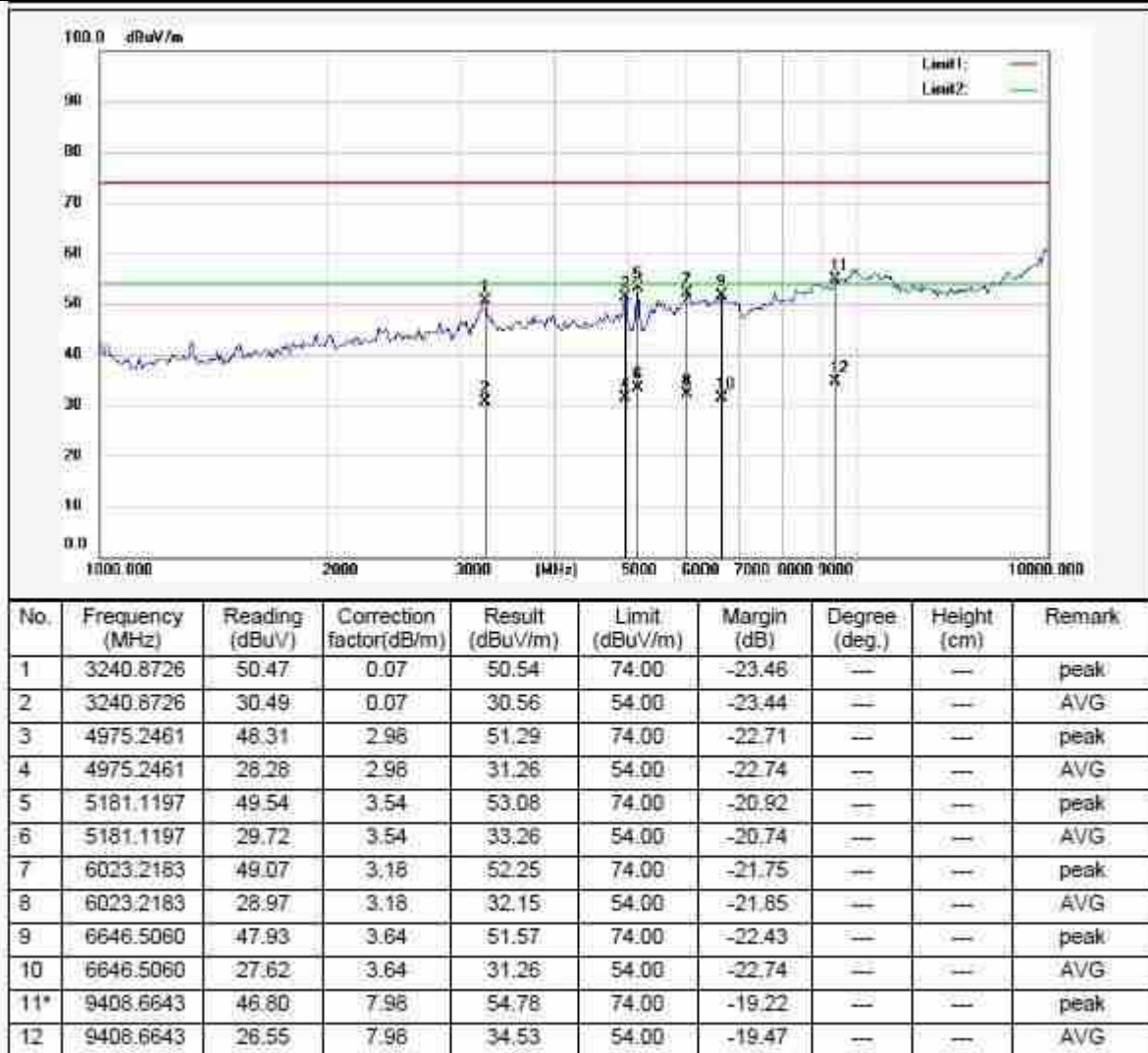
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3222.1547	50.41	-0.10	50.31	74.00	-23.69	—	—	peak
2	3222.1547	30.26	-0.10	30.16	54.00	-23.84	—	—	AVG
3	3555.5860	47.55	0.23	47.78	74.00	-26.22	—	—	peak
4	3555.5860	27.41	0.23	27.64	54.00	-26.36	—	—	AVG
5	4975.2461	48.68	2.98	51.66	74.00	-22.34	—	—	peak
6	4975.2461	28.02	2.98	31.00	54.00	-23.00	—	—	AVG
7	5817.4834	49.03	4.07	53.10	74.00	-20.90	—	—	peak
8	5817.4834	29.58	4.07	33.65	54.00	-20.35	—	—	AVG
9	6236.2290	48.29	3.07	51.36	74.00	-22.64	—	—	peak
10	6236.2290	28.92	3.07	31.99	54.00	-22.01	—	—	AVG
11*	8879.1668	46.59	7.31	53.90	74.00	-20.10	—	—	peak
12	8879.1668	26.35	7.31	33.66	54.00	-20.34	—	—	AVG

Wi-Fi 5G 802.11n20:

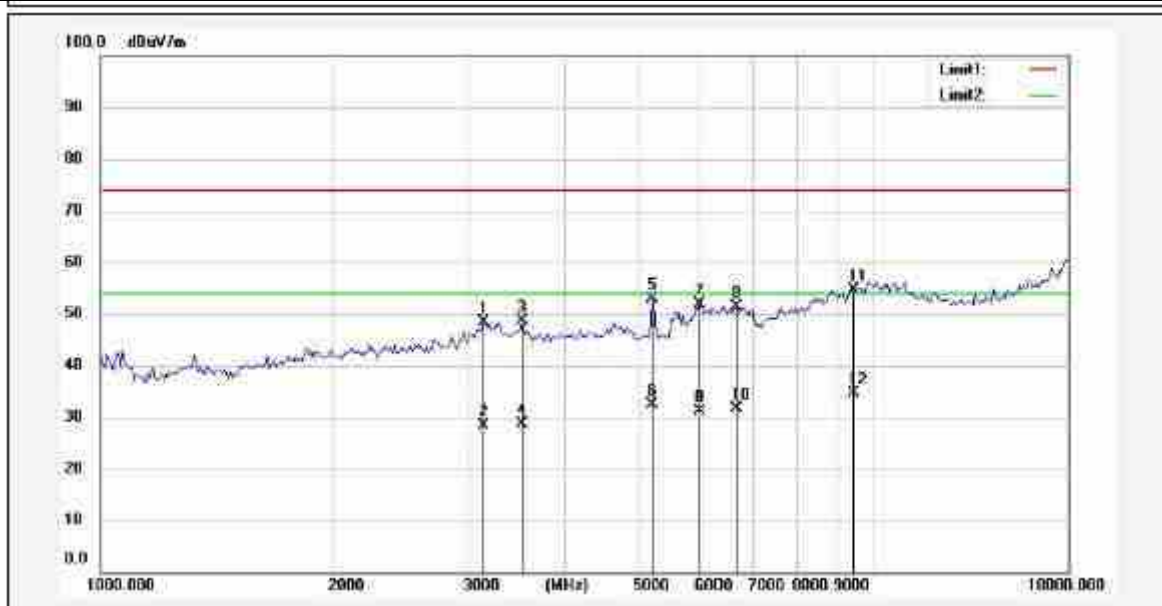
Wi-Fi 5G 11n20_5180MHz Horizontal



Wi-Fi 5G 11n20_5180MHz Vertical

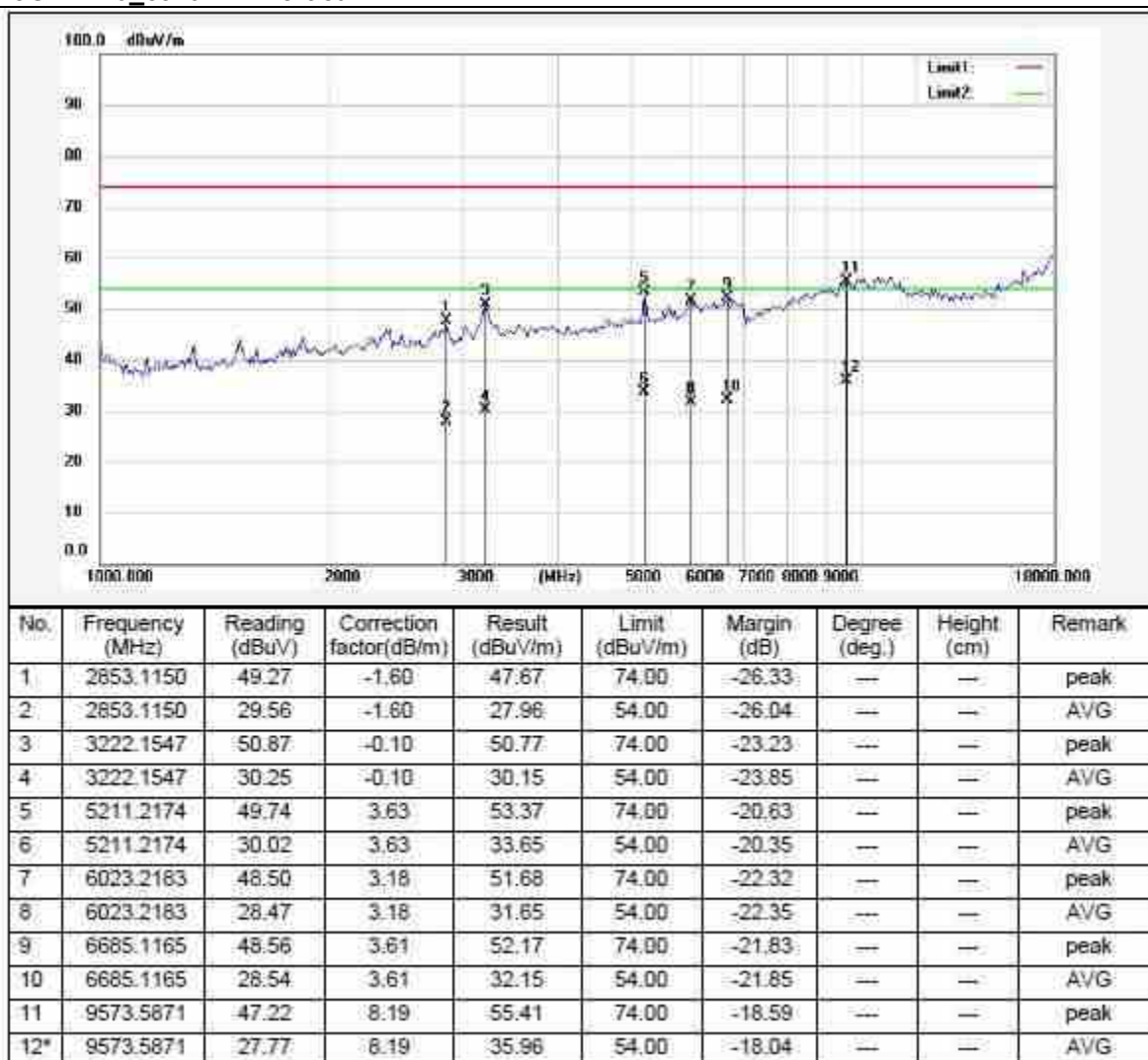


Wi-Fi 5G 11n20_5320MHz Horizontal

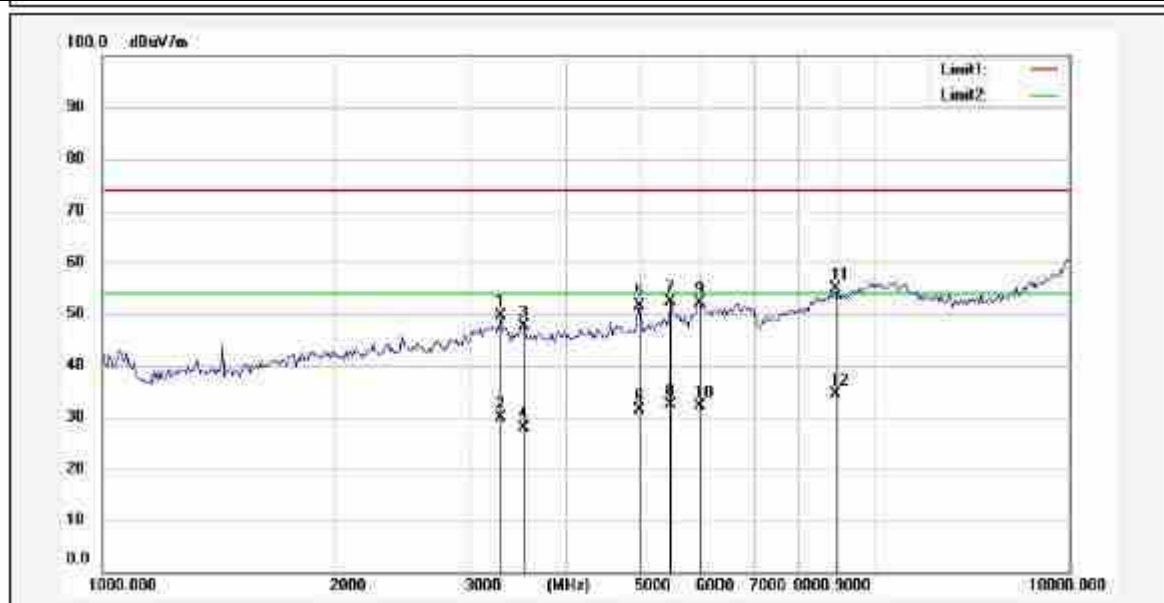


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3148.3576	49.51	-1.05	48.46	74.00	-25.54	---	---	peak
2	3148.3576	29.31	-1.05	28.26	54.00	-25.74	---	---	AVG
3	3535.0502	49.05	-0.39	48.66	74.00	-25.34	---	---	peak
4	3535.0502	29.04	-0.39	28.65	54.00	-25.35	---	---	AVG
5	5211.2174	50.04	2.75	52.79	74.00	-21.21	---	---	peak
6	5211.2174	29.51	2.75	32.26	54.00	-21.74	---	---	AVG
7	6023.2183	51.20	0.72	51.92	74.00	-22.08	---	---	peak
8	6023.2183	30.53	0.72	31.25	54.00	-22.75	---	---	AVG
9	6685.1165	52.11	-0.70	51.41	74.00	-22.59	---	---	peak
10	6685.1165	32.32	-0.70	31.62	54.00	-22.38	---	---	AVG
11*	9463.3204	51.37	3.28	54.65	74.00	-19.35	---	---	peak
12	9463.3204	31.37	3.28	34.65	54.00	-19.35	---	---	AVG

Wi-Fi 5G 11n20_5320MHz Vertical

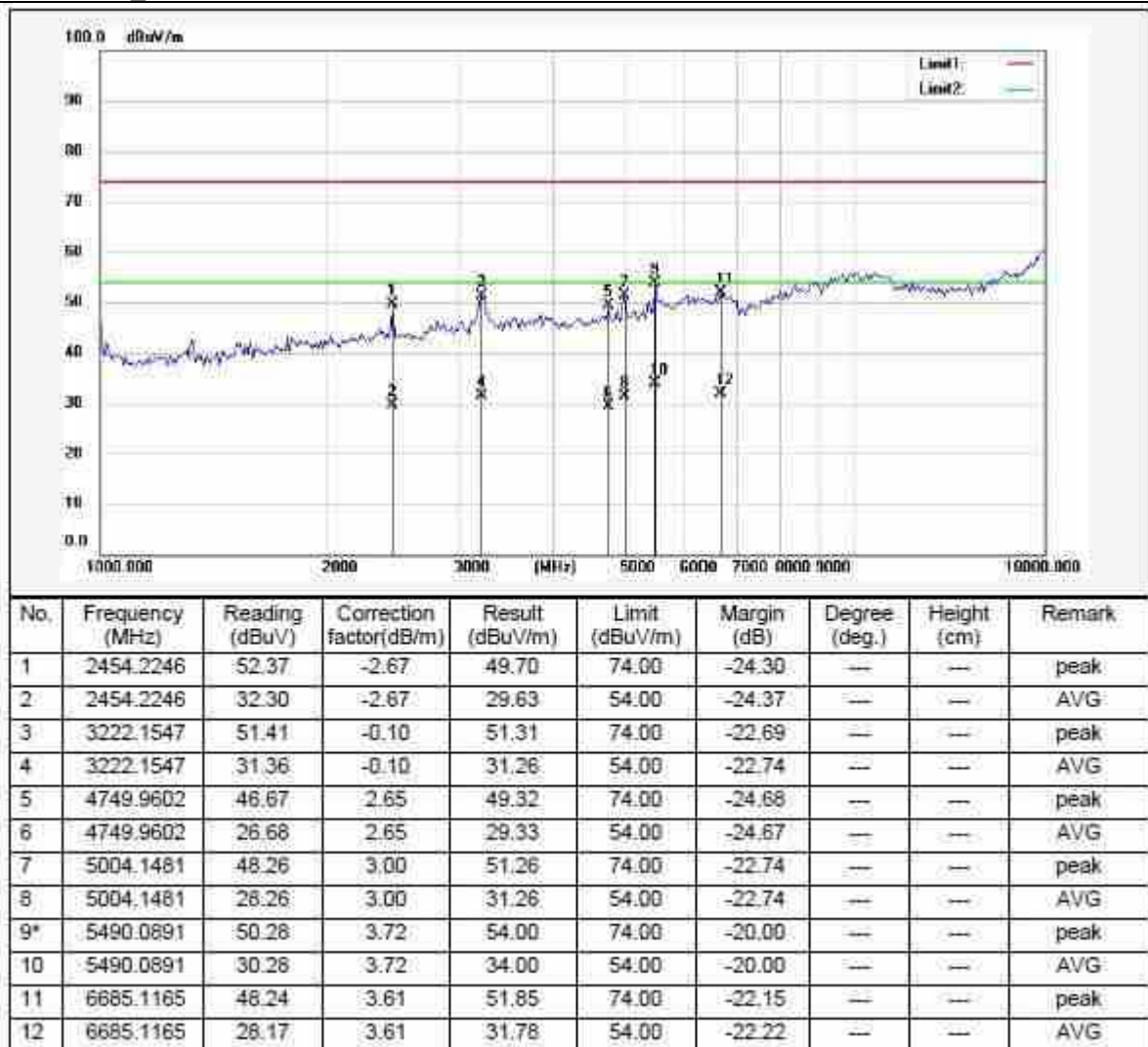


Wi-Fi 5G 11n20_5500MHz Horizontal

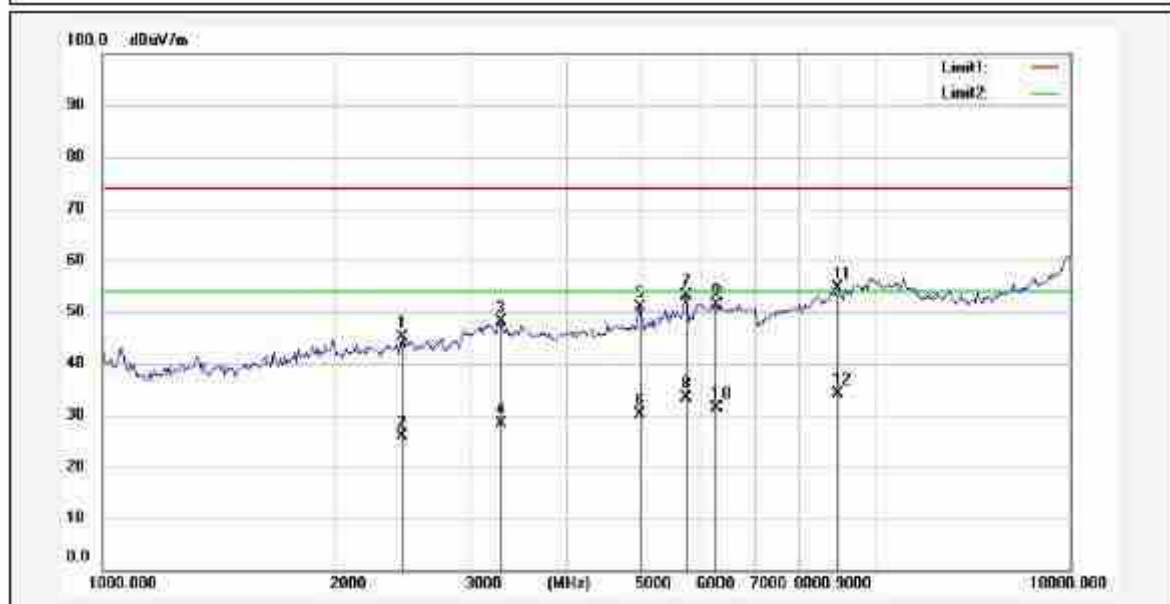


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	3297.6813	49.90	-0.18	49.72	74.00	-24.28	---	---	peak
2	3297.6813	30.16	-0.18	29.98	54.00	-24.02	---	---	AVG
3	3535.0502	48.02	-0.39	47.63	74.00	-26.37	---	---	peak
4	3535.0502	28.35	-0.39	27.96	54.00	-26.04	---	---	AVG
5	5004.1481	49.37	2.17	51.54	74.00	-22.46	---	---	peak
6	5004.1481	29.09	2.17	31.26	54.00	-22.74	---	---	AVG
7	5490.0891	49.58	2.78	52.36	74.00	-21.64	---	---	peak
8	5490.0891	29.48	2.78	32.26	54.00	-21.74	---	---	AVG
9	5988.4308	51.03	0.99	52.02	74.00	-21.98	---	---	peak
10	5988.4308	31.16	0.99	32.15	54.00	-21.85	---	---	AVG
11*	8930.7471	51.03	3.91	54.94	74.00	-19.06	---	---	peak
12	8930.7471	30.35	3.91	34.26	54.00	-19.74	---	---	AVG

Wi-Fi 5G 11n20_5500MHz Vertical



Wi-Fi 5G 11n20_5745MHz Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	2454.2246	48.16	-2.97	45.19	74.00	-28.81	---	---	peak
2	2454.2246	28.93	-2.97	25.96	54.00	-28.04	---	---	AVG
3	3297.6813	48.41	-0.18	48.23	74.00	-25.77	---	---	peak
4	3297.6813	28.44	-0.18	28.26	54.00	-25.74	---	---	AVG
5	5004.1481	48.78	2.17	50.95	74.00	-23.05	---	---	peak
6	5004.1481	27.99	2.17	30.16	54.00	-23.84	---	---	AVG
7	5750.4786	50.22	2.91	53.13	74.00	-20.87	---	---	peak
8	5750.4786	30.35	2.91	33.26	54.00	-20.74	---	---	AVG
9	6272.4561	52.93	-1.83	51.30	74.00	-22.70	---	---	peak
10	6272.4561	32.89	-1.83	31.26	54.00	-22.74	---	---	AVG
11*	8982.6270	50.83	3.81	54.64	74.00	-19.36	---	---	peak
12	8982.6270	30.44	3.81	34.25	54.00	-19.75	---	---	AVG