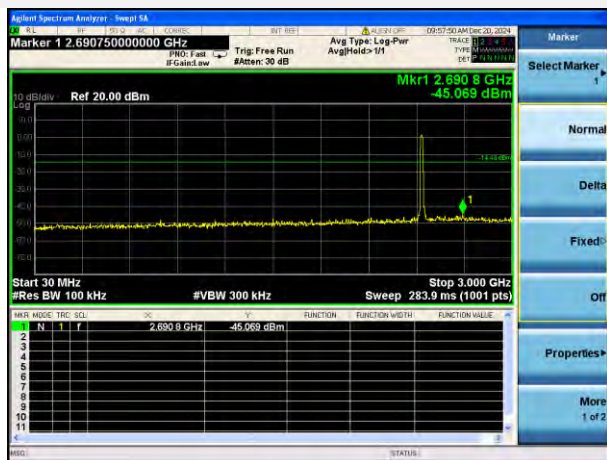
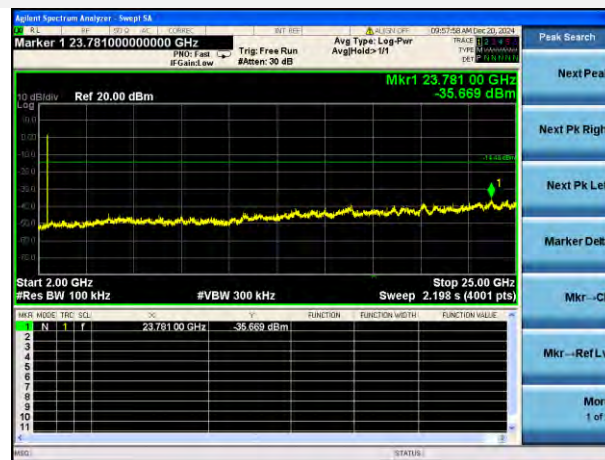


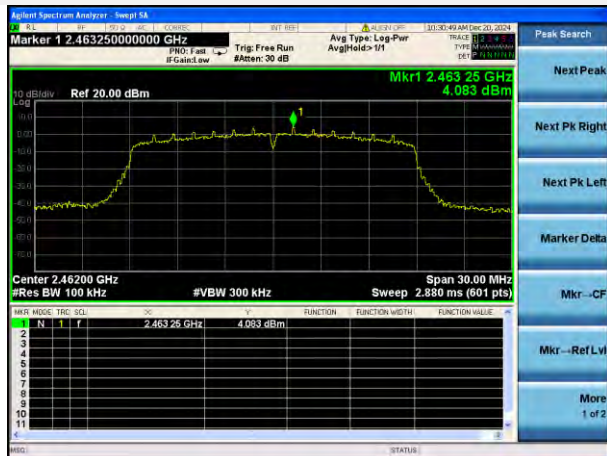
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



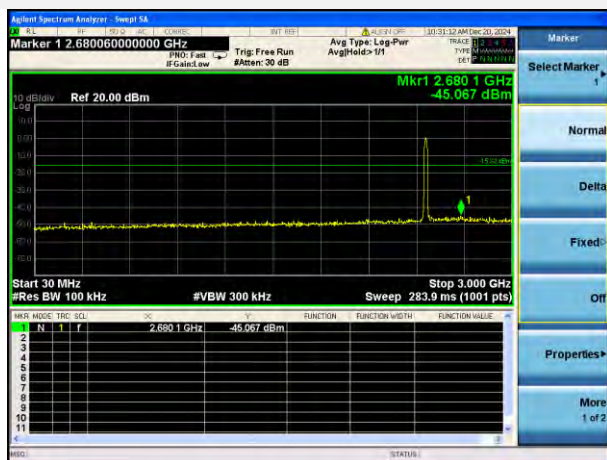
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



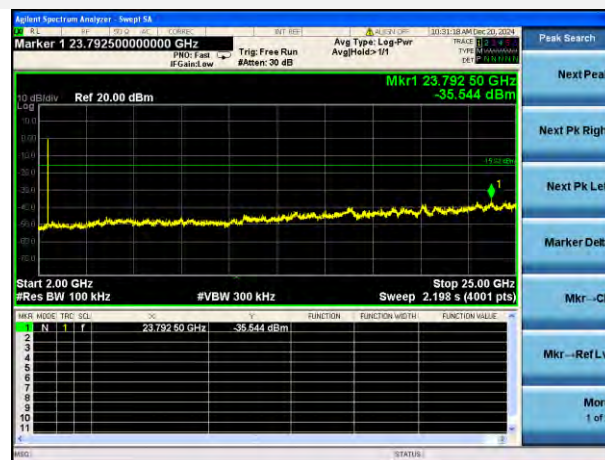
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



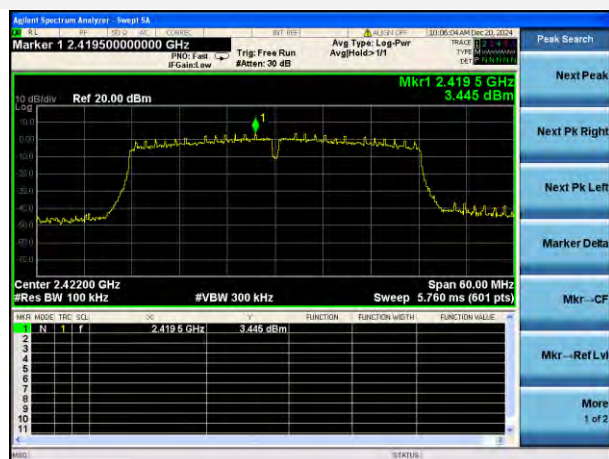
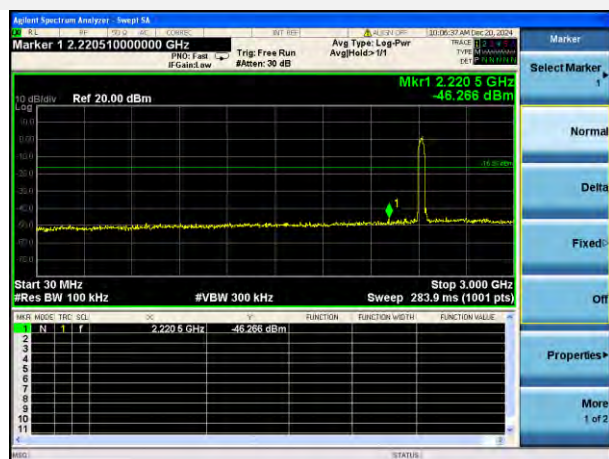
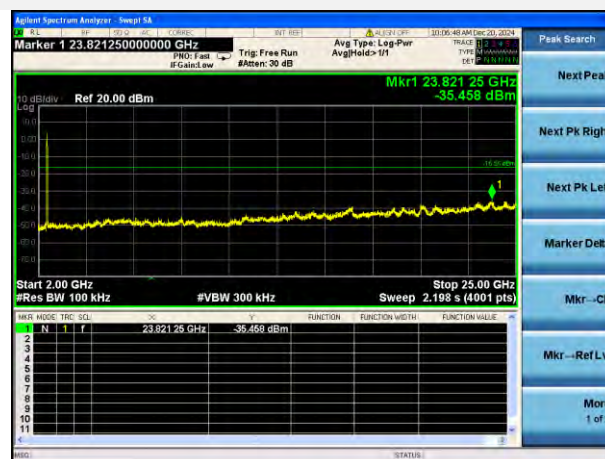
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



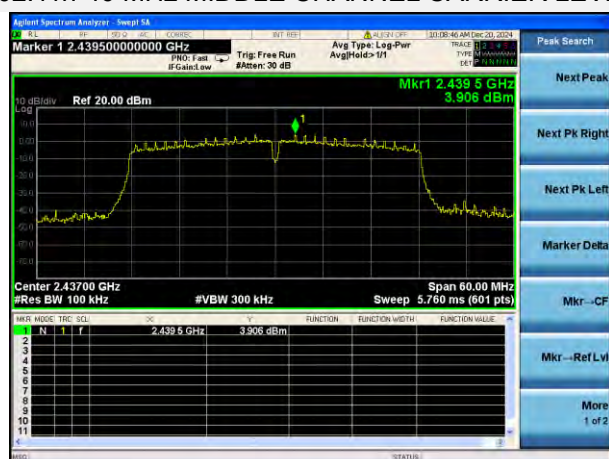
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



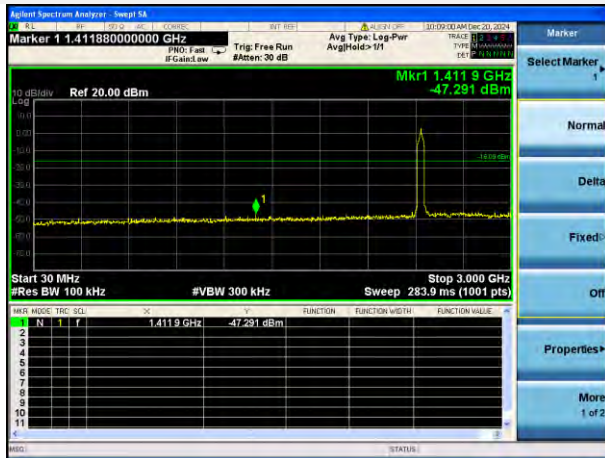
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

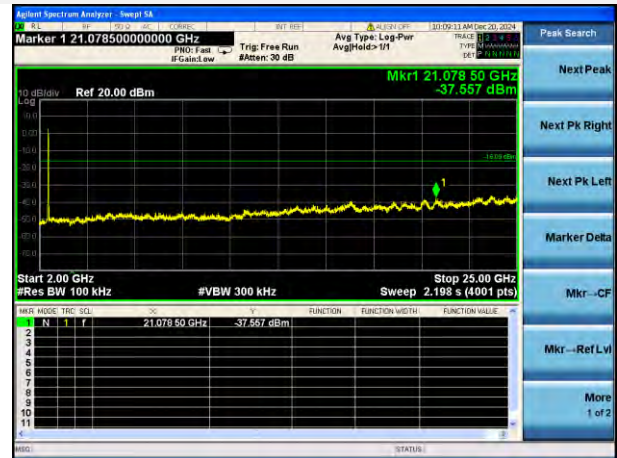
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



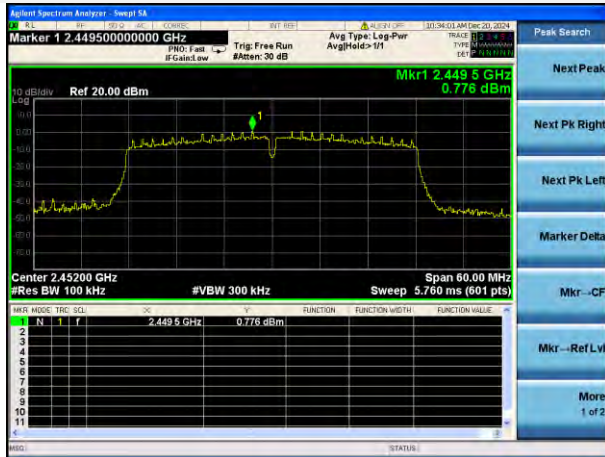
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



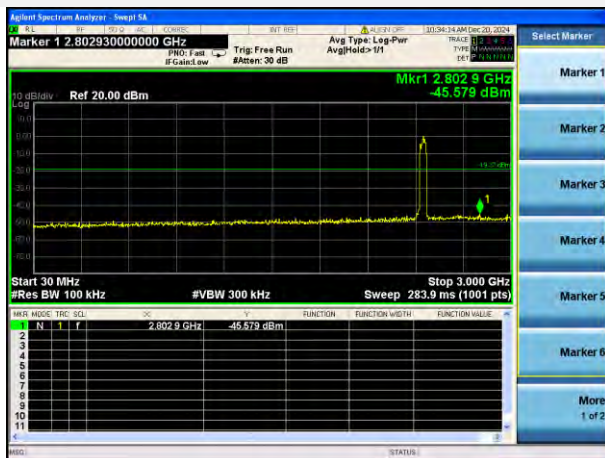
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



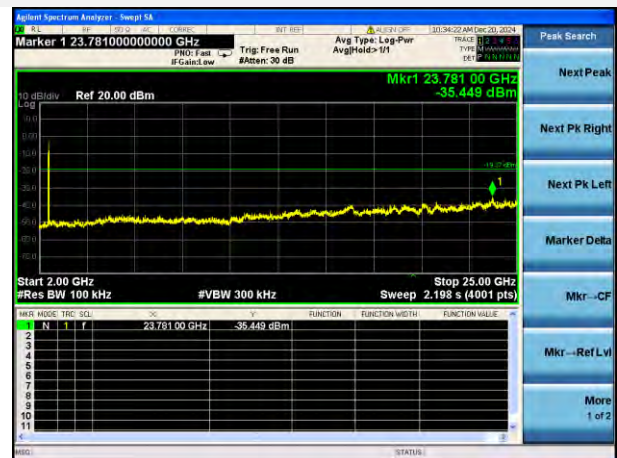
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



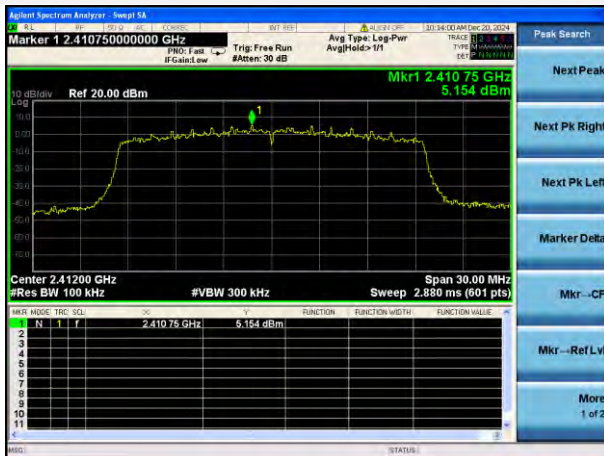
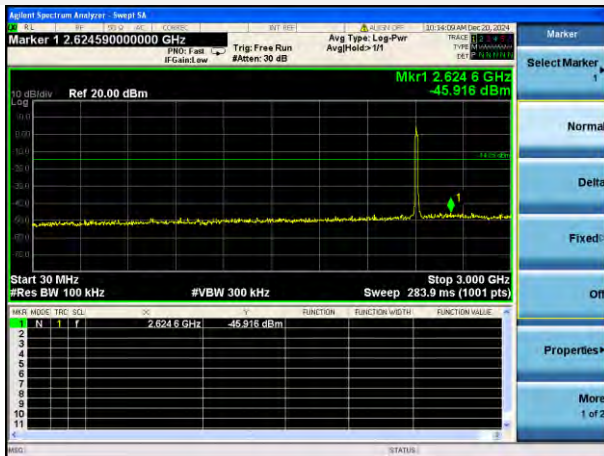
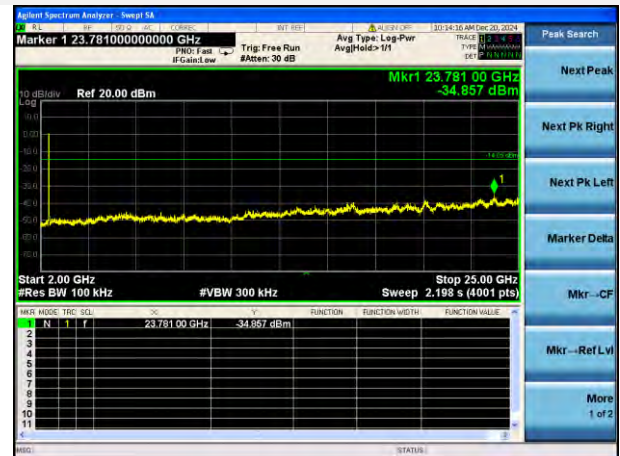
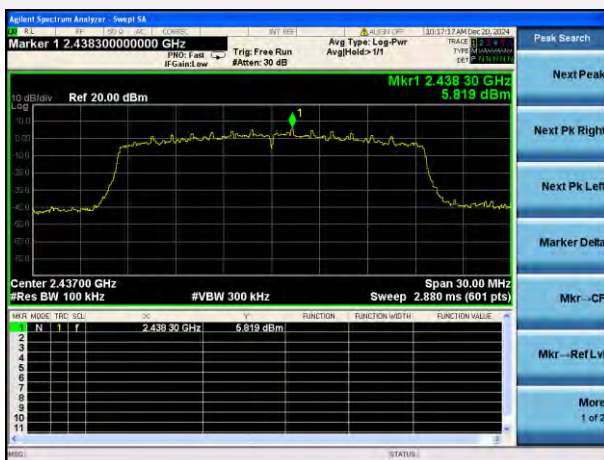
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



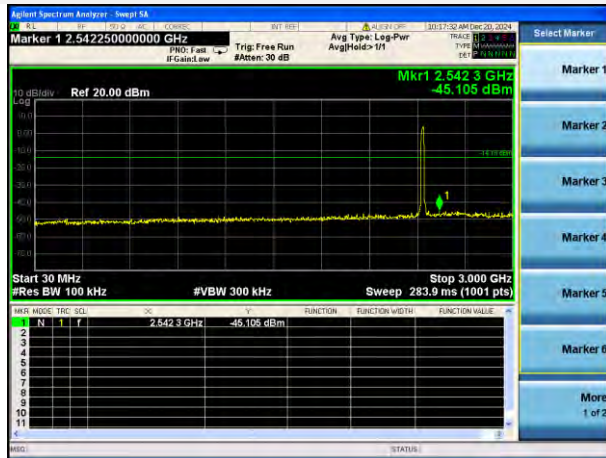
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



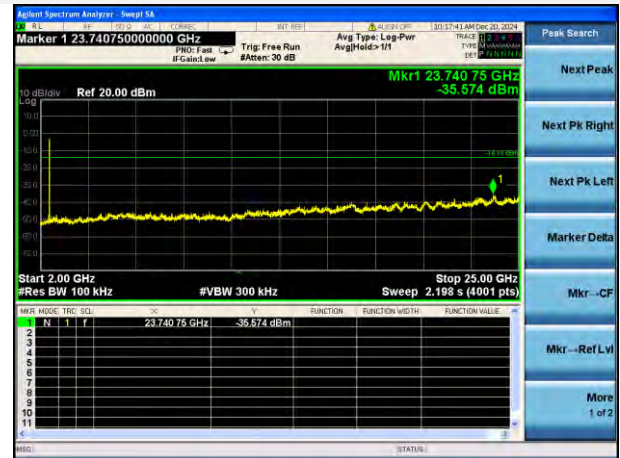
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER
LEVEL

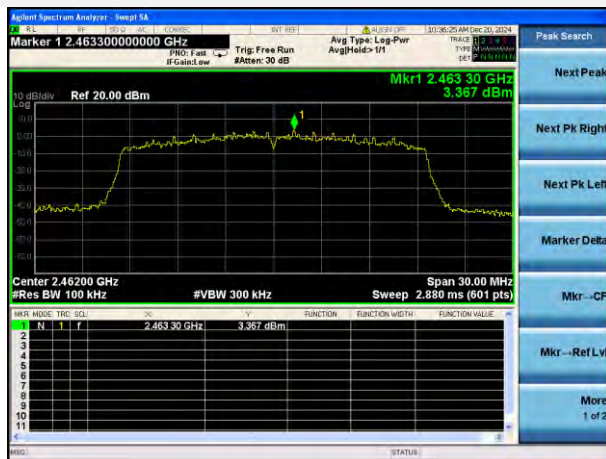
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



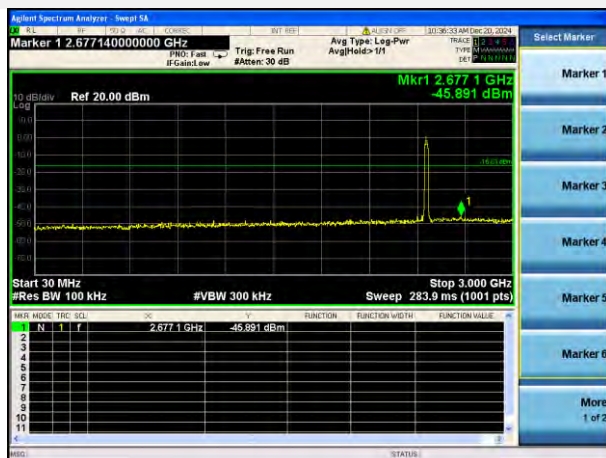
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



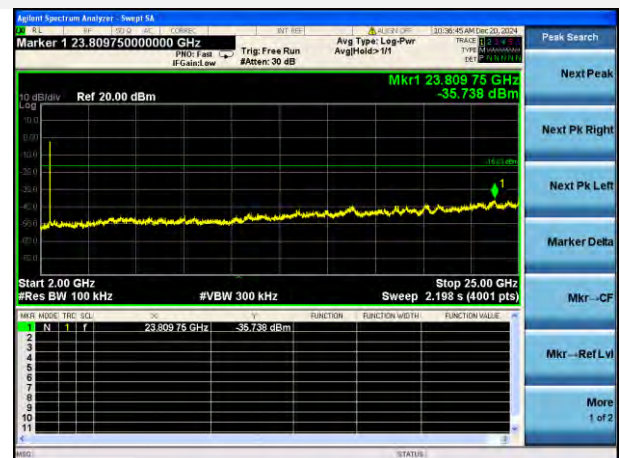
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



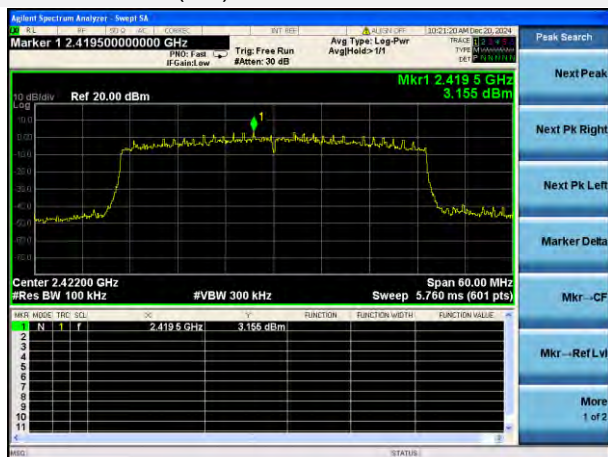
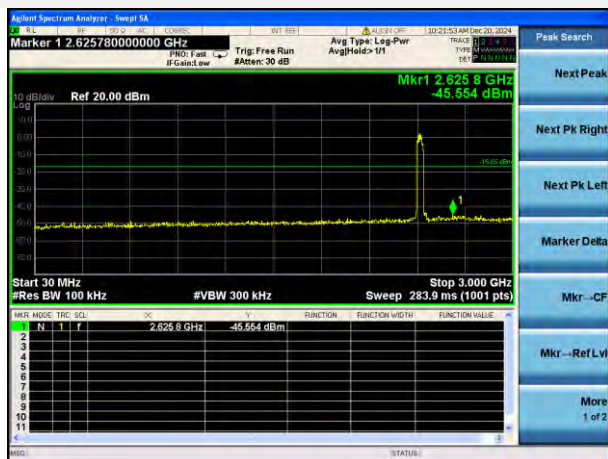
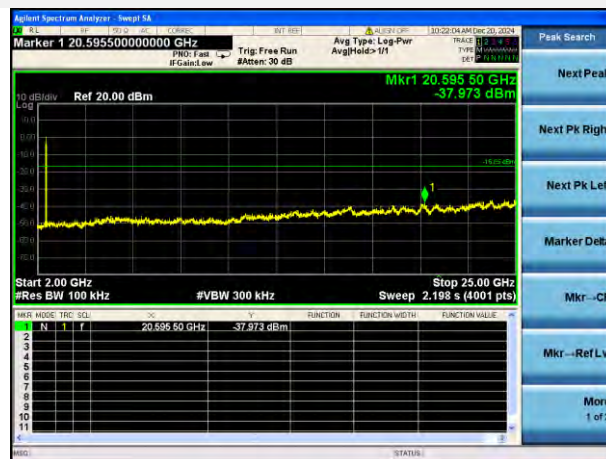
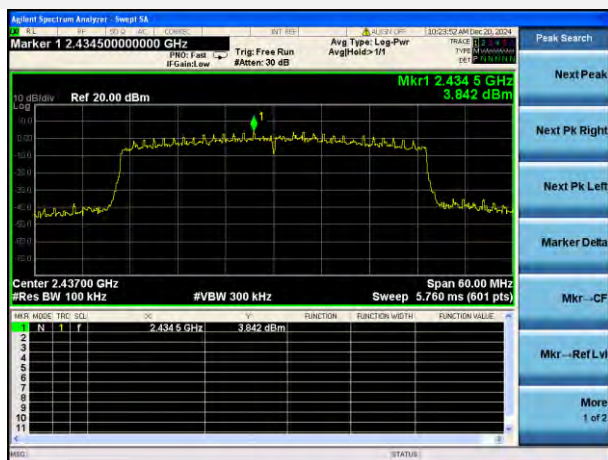
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



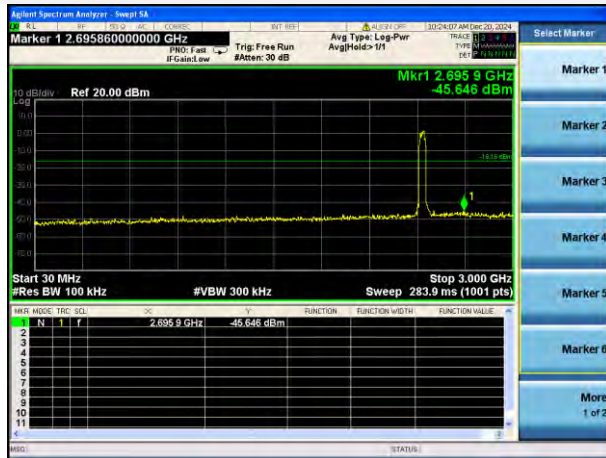
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



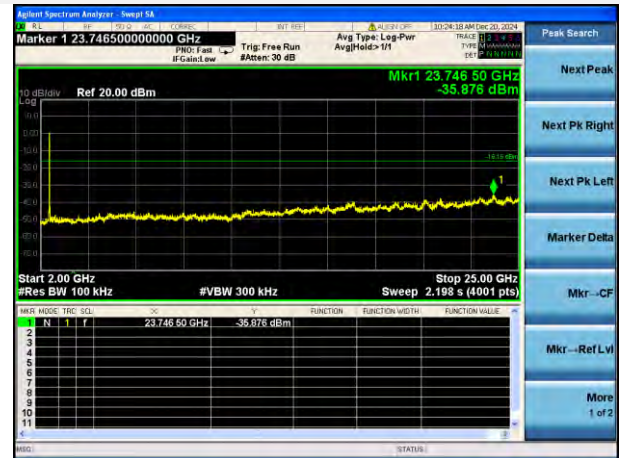
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL

802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER
LEVEL

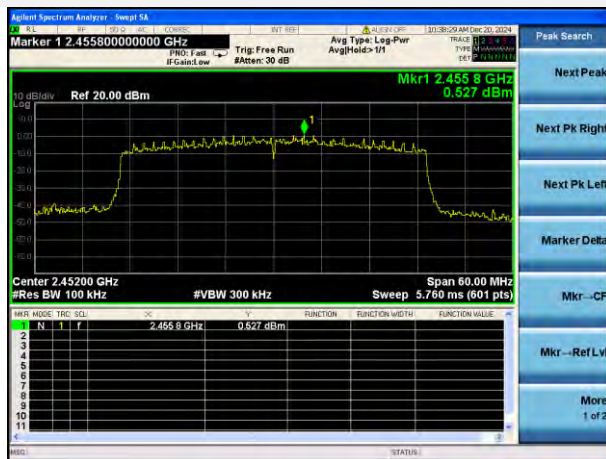
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



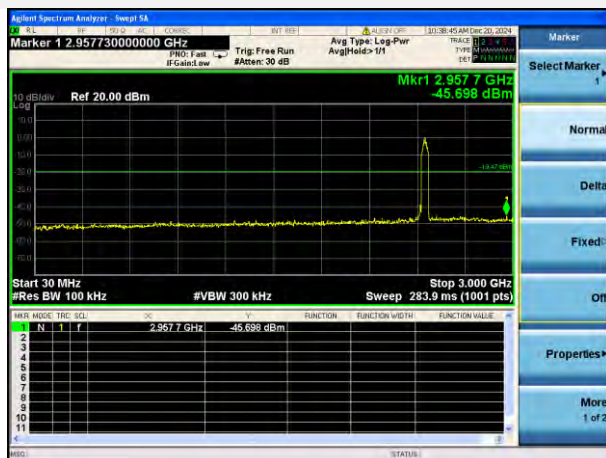
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



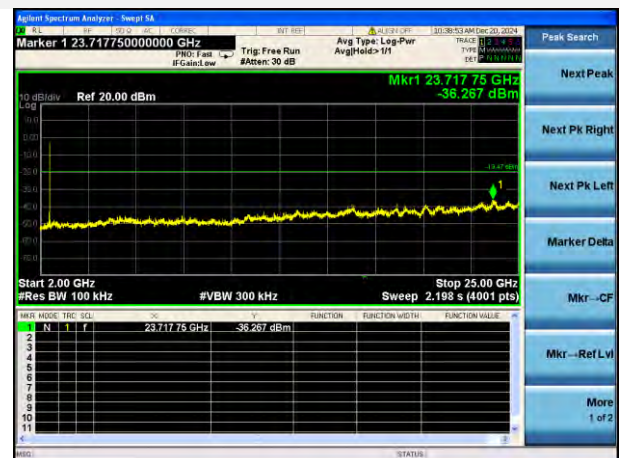
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

Note: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.89	5.66	-14.34	Pass
High Channel	-45.47	6.13	-13.87	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.25	6.33	-23.67	Pass
High Channel	-45.84	4.92	-25.08	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.61	5.72	-24.28	Pass
High Channel	-46.50	4.08	-25.92	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-43.99	3.45	-26.55	Pass
High Channel	-45.51	0.78	-29.22	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.39	5.15	-24.85	Pass
High Channel	-45.86	3.37	-26.63	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.70	3.16	-26.84	Pass
High Channel	-45.77	0.53	-29.47	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



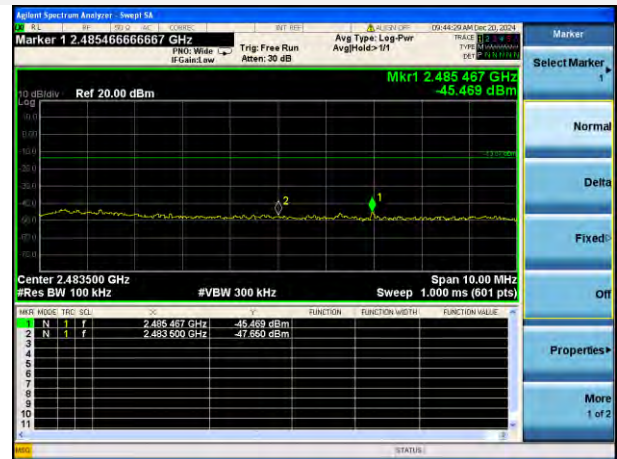
802.11b LOW CHANNEL, BAND EDGE



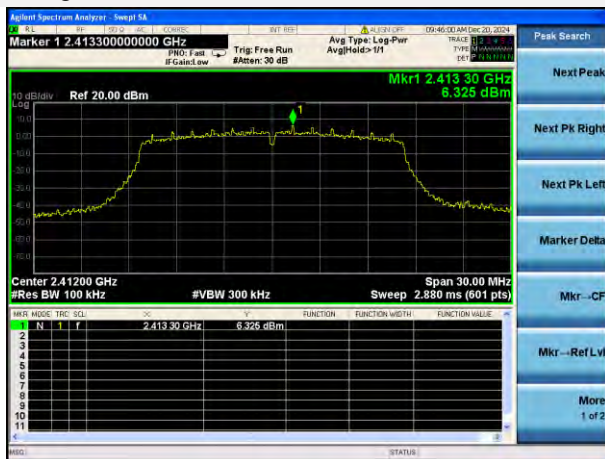
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



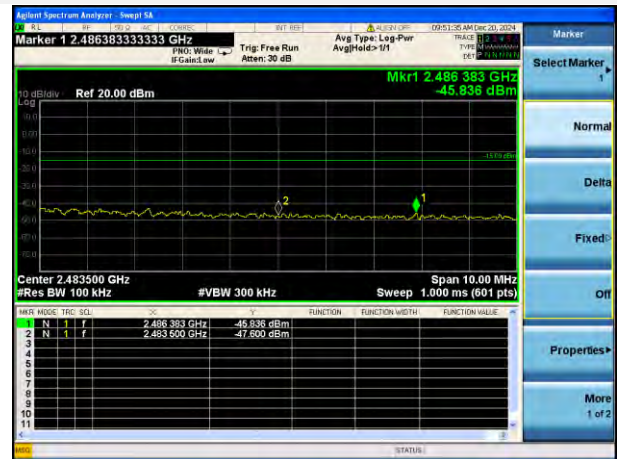
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



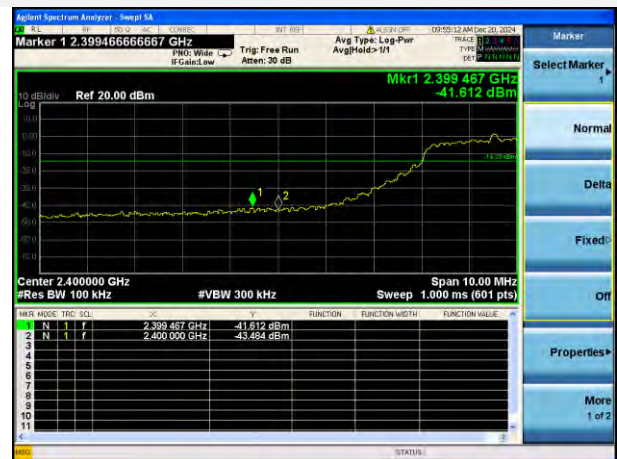
802.11g HIGH CHANNEL, BAND EDGE



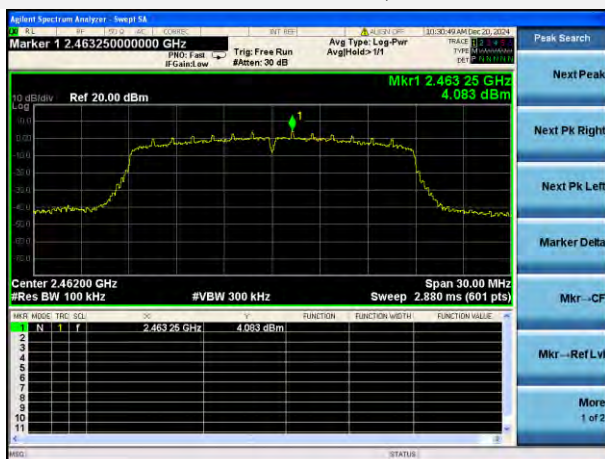
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



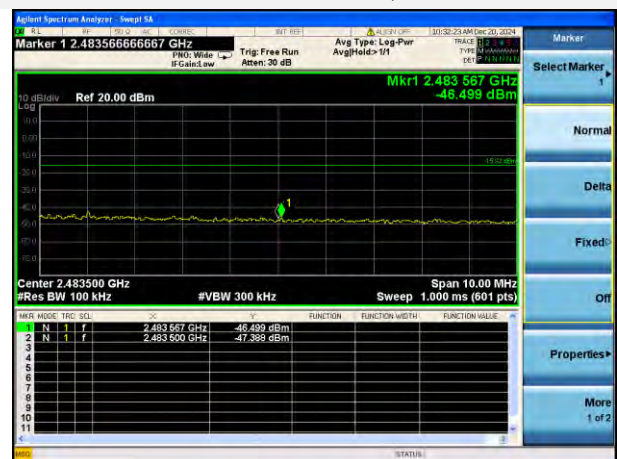
802.11n-20 MHz LOW CHANNEL, BAND EDGE



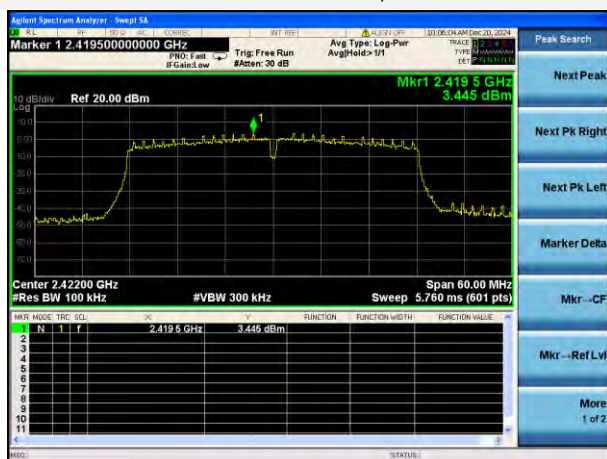
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



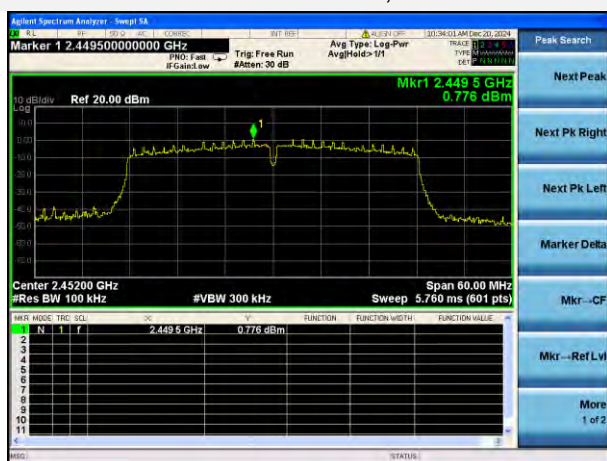
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



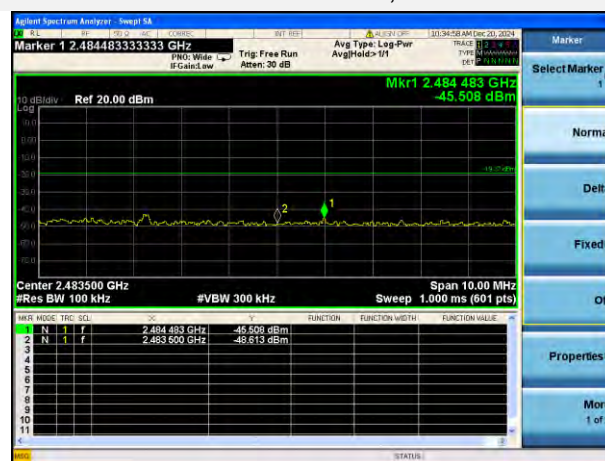
802.11n-40 MHz LOW CHANNEL, BAND EDGE



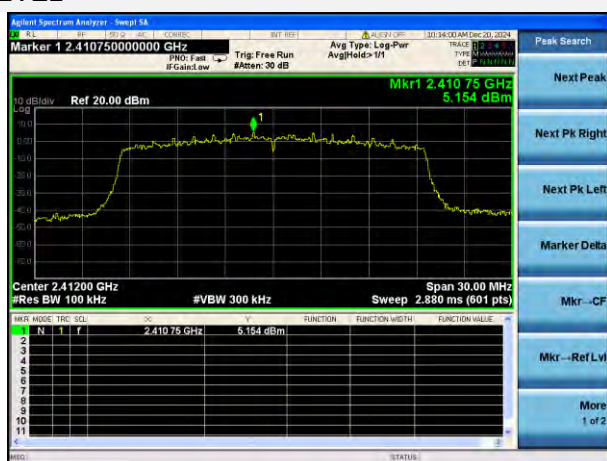
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



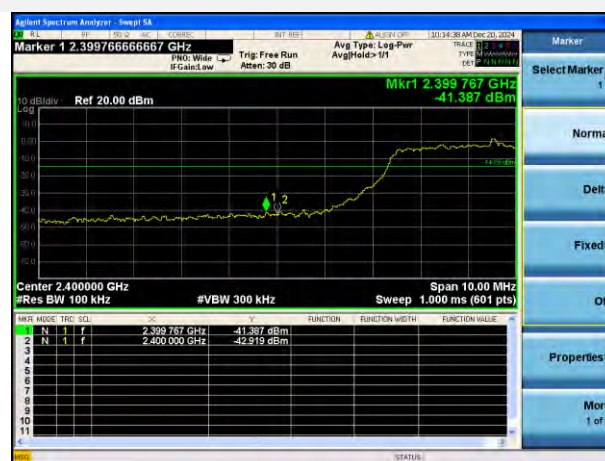
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



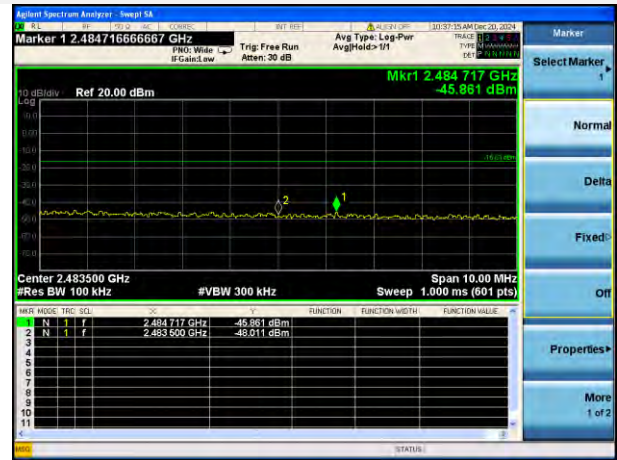
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



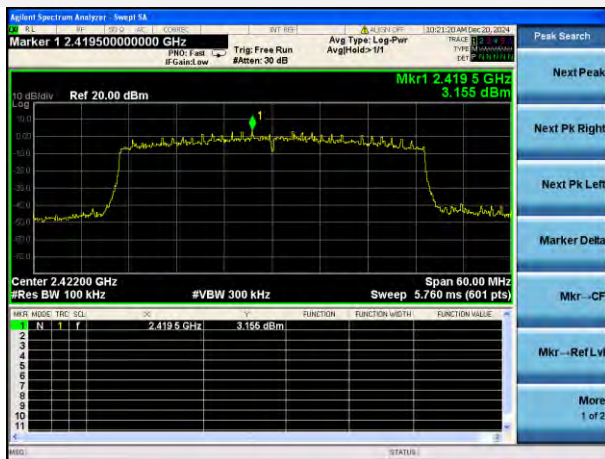
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



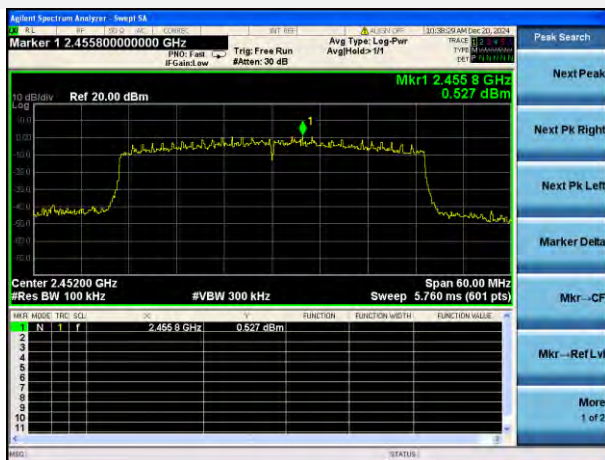
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



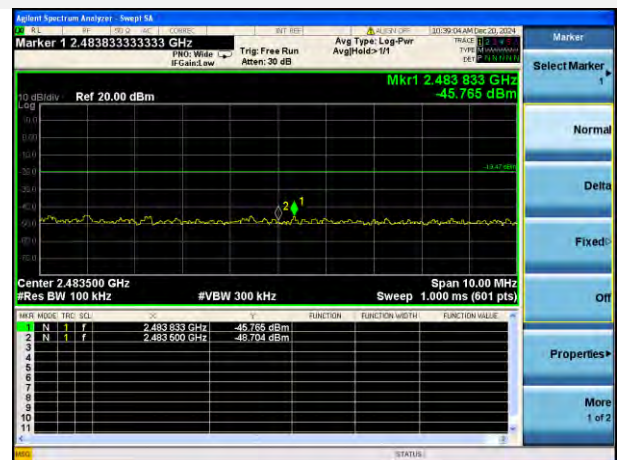
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

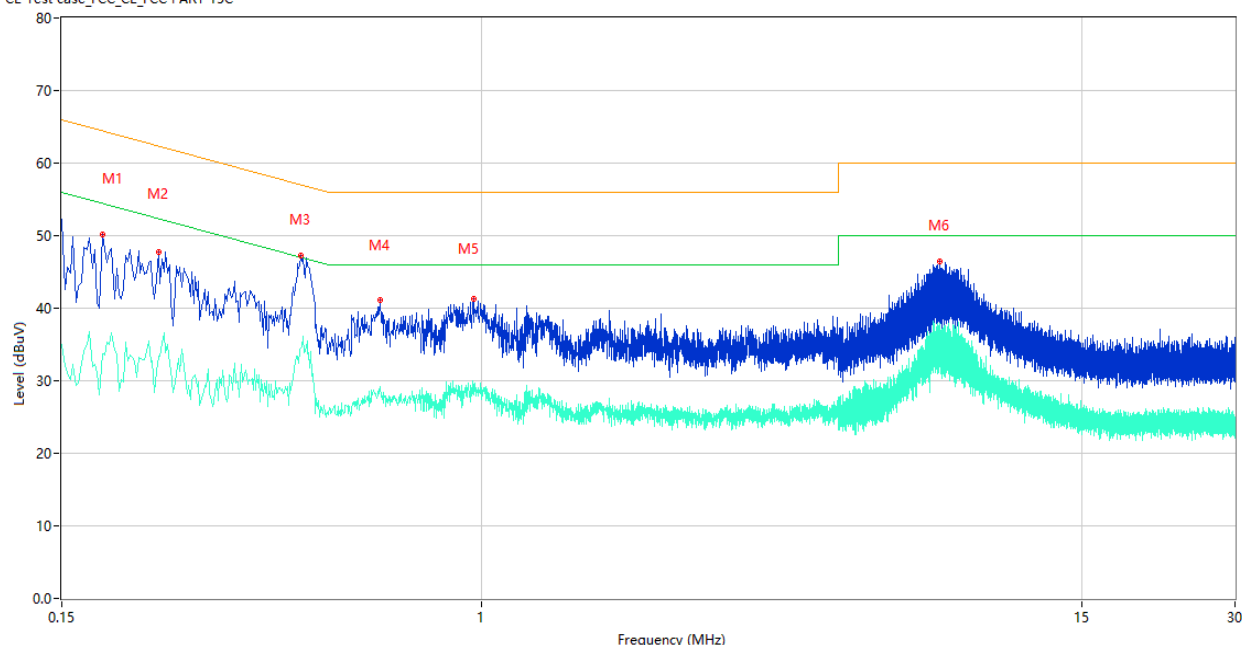
Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

Antenna A

PHASE L

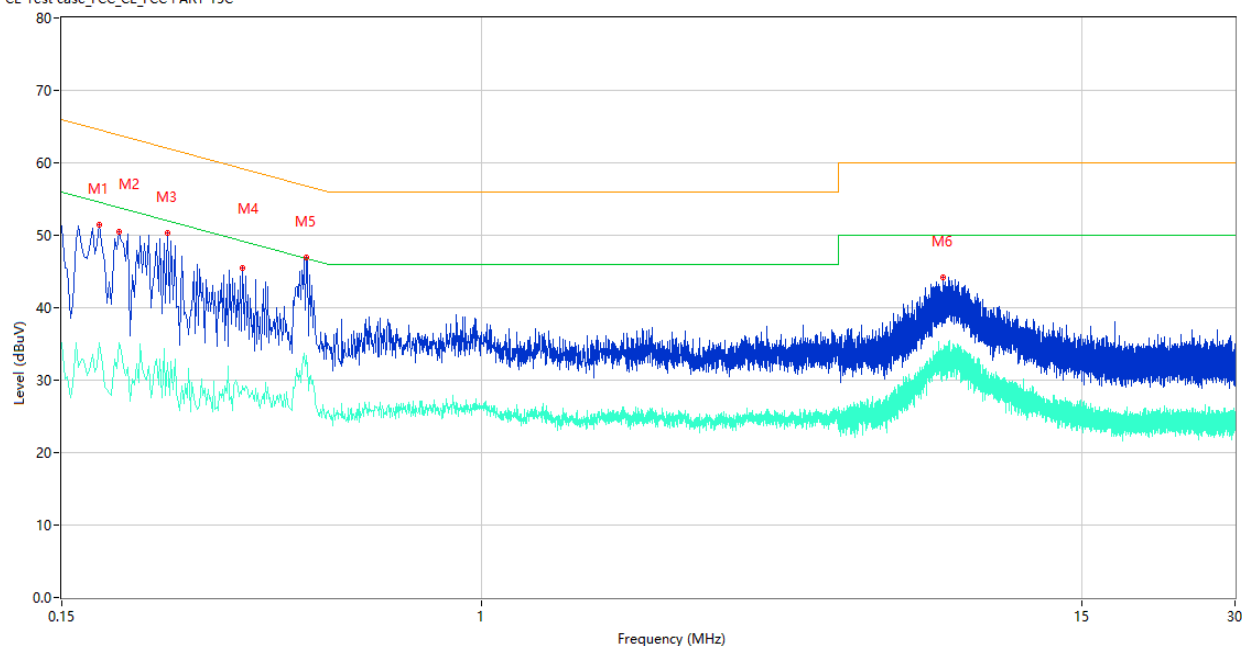
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.180	50.20	9.85	64.49	14.29	Peak	L	Pass
1**	0.180	33.76	9.85	54.49	20.73	AV	L	Pass
2	0.232	47.80	9.83	62.38	14.58	Peak	L	Pass
2**	0.232	33.31	9.83	52.38	19.07	AV	L	Pass
3	0.442	47.20	10.17	57.02	9.82	Peak	L	Pass
3**	0.442	34.50	10.17	47.02	12.52	AV	L	Pass
4	0.632	41.15	10.25	56.00	14.85	Peak	L	Pass
4**	0.632	29.13	10.25	46.00	16.87	AV	L	Pass
5	0.962	41.21	10.10	56.00	14.79	Peak	L	Pass
5**	0.962	29.45	10.10	46.00	16.55	AV	L	Pass
6	7.894	46.44	10.29	60.00	13.56	Peak	L	Pass
6**	7.894	37.97	10.29	50.00	12.03	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C

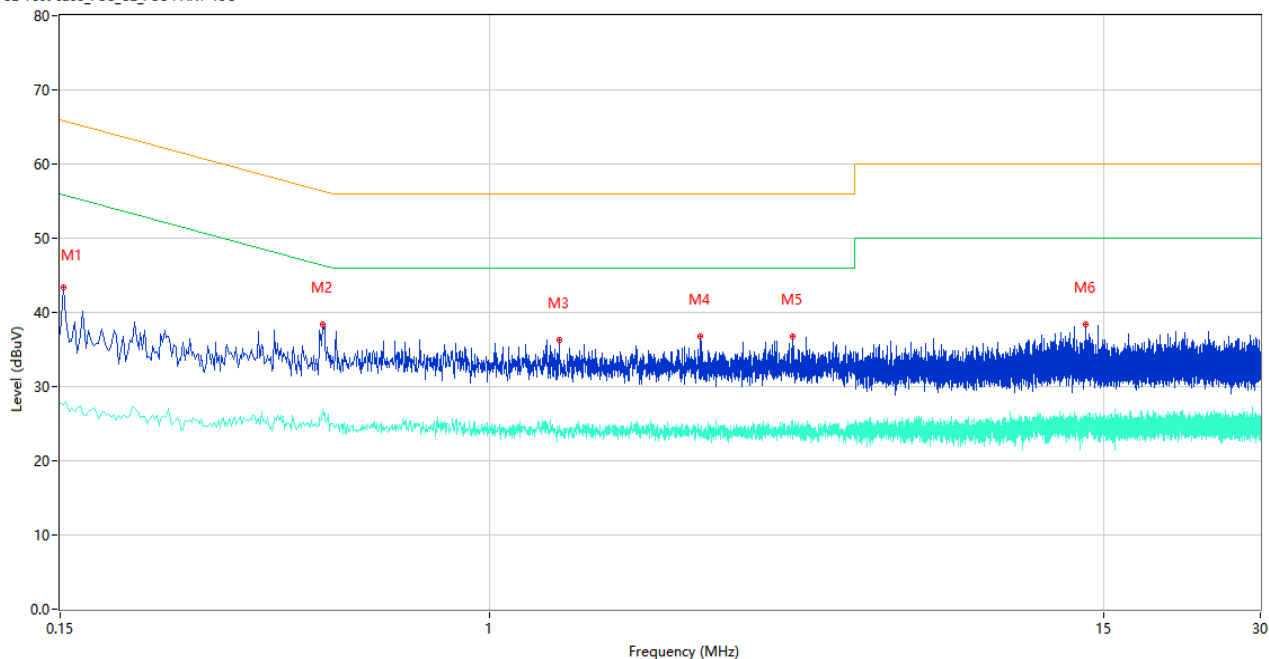


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	51.50	9.85	64.58	13.08	Peak	N	Pass
1**	0.178	35.14	9.85	54.58	19.44	AV	N	Pass
2	0.194	50.41	9.84	63.86	13.45	Peak	N	Pass
2**	0.194	35.24	9.84	53.86	18.62	AV	N	Pass
3	0.242	50.36	9.83	62.03	11.67	Peak	N	Pass
3**	0.242	32.50	9.83	52.03	19.53	AV	N	Pass
4	0.340	45.55	10.62	59.20	13.65	Peak	N	Pass
4**	0.340	29.16	10.62	49.20	20.04	AV	N	Pass
5	0.452	46.92	10.09	56.84	9.92	Peak	N	Pass
5**	0.452	33.33	10.09	46.84	13.51	AV	N	Pass
6	8.026	44.24	10.28	60.00	15.76	Peak	N	Pass
6**	8.026	34.18	10.28	50.00	15.82	AV	N	Pass

Antenna B

PHASE L

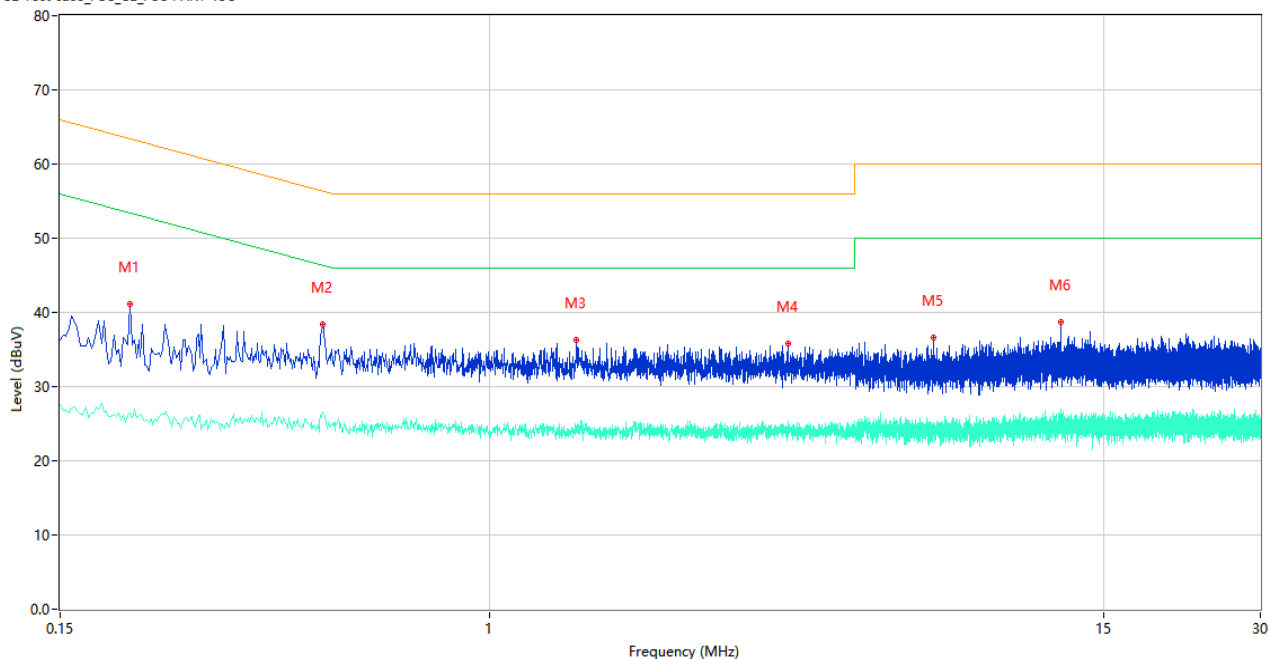
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	43.40	9.86	65.89	22.49	Peak	L	Pass
1**	0.152	27.65	9.86	55.89	28.24	AV	L	Pass
2	0.478	38.38	10.06	56.37	17.99	Peak	L	Pass
2**	0.478	26.99	10.06	46.37	19.38	AV	L	Pass
3	1.358	36.24	10.02	56.00	19.76	Peak	L	Pass
3**	1.358	24.12	10.02	46.00	21.88	AV	L	Pass
4	2.532	36.85	10.17	56.00	19.15	Peak	L	Pass
4**	2.532	23.89	10.17	46.00	22.11	AV	L	Pass
5	3.798	36.80	10.38	56.00	19.20	Peak	L	Pass
5**	3.798	25.49	10.38	46.00	20.51	AV	L	Pass
6	13.908	38.33	10.62	60.00	21.67	Peak	L	Pass
6**	13.908	24.55	10.62	50.00	25.45	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.204	41.06	9.84	63.45	22.39	Peak	N	Pass
1**	0.204	26.42	9.84	53.45	27.03	AV	N	Pass
2	0.478	38.41	10.06	56.37	17.96	Peak	N	Pass
2**	0.478	26.64	10.06	46.37	19.73	AV	N	Pass
3	1.466	36.27	10.19	56.00	19.73	Peak	N	Pass
3**	1.466	24.38	10.19	46.00	21.62	AV	N	Pass
4	3.726	35.75	10.43	56.00	20.25	Peak	N	Pass
4**	3.726	23.80	10.43	46.00	22.20	AV	N	Pass
5	7.078	36.56	10.43	60.00	23.44	Peak	N	Pass
5**	7.078	24.69	10.43	50.00	25.31	AV	N	Pass
6	12.410	38.70	10.74	60.00	21.30	Peak	N	Pass
6**	12.410	26.97	10.74	50.00	23.03	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of “--” in the table which means not application.

Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

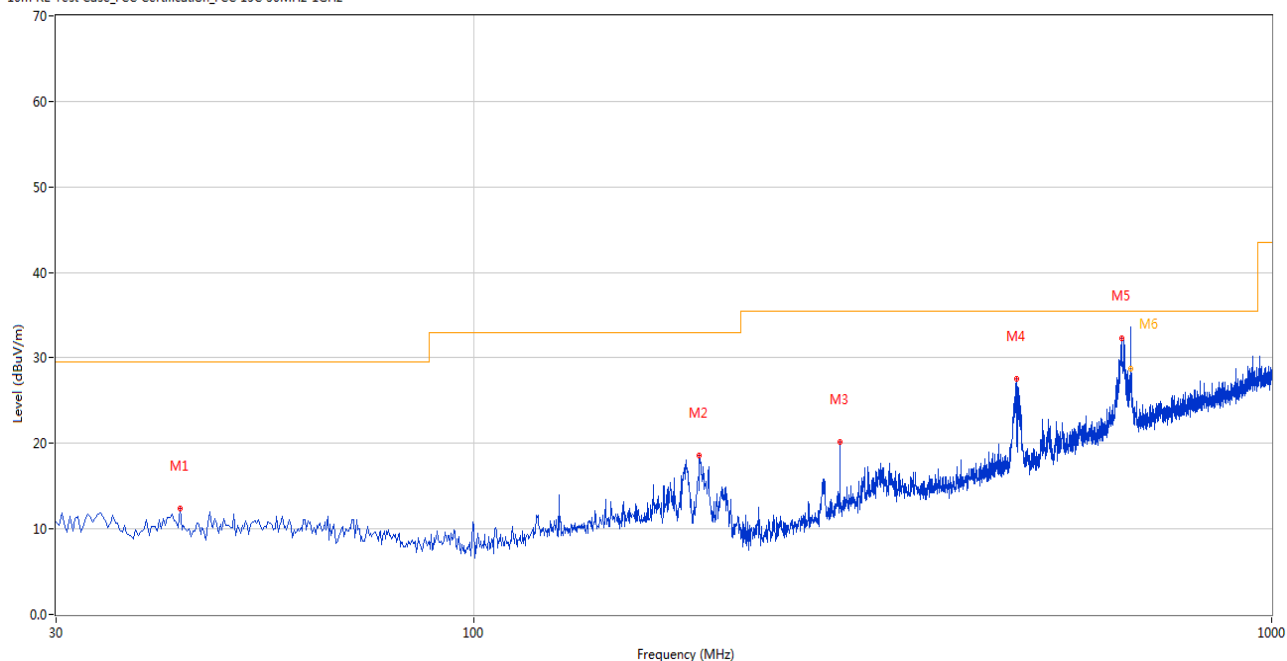
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

Antenna A

30 MHz to 1 GHz, ANT H

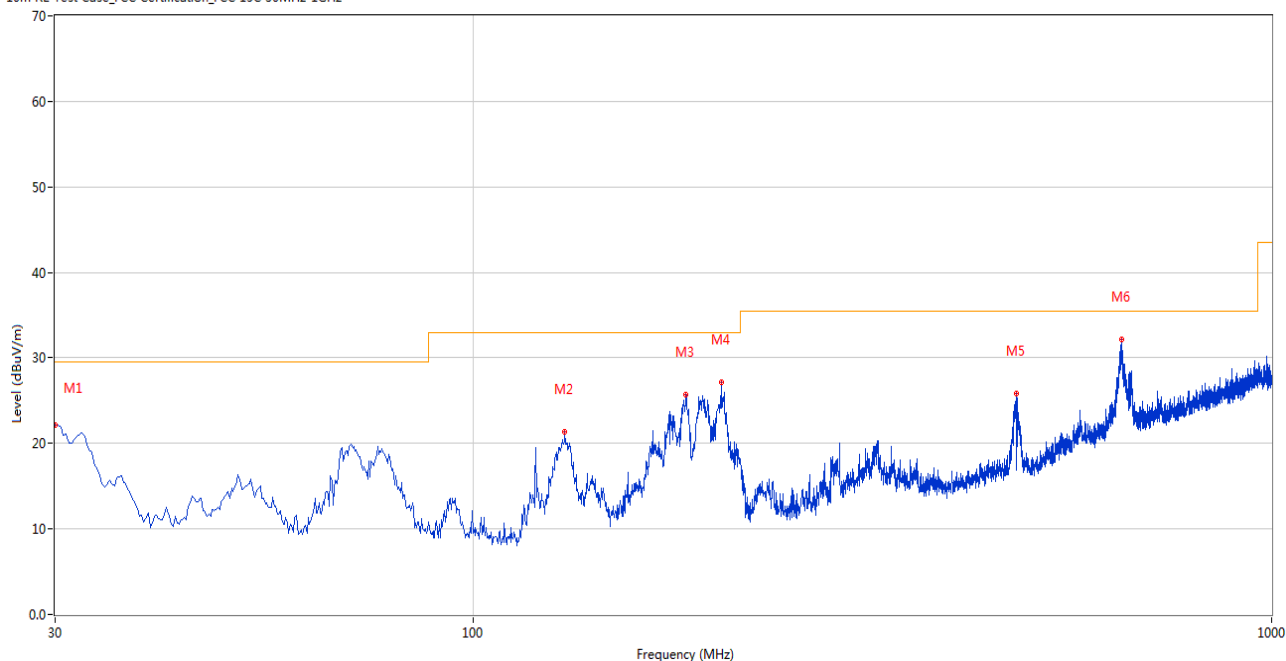
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.849	12.34	-27.03	29.5	17.16	Peak	90.00	200	Horizontal	Pass
2	191.950	18.54	-28.80	33.0	14.46	Peak	107.00	200	Horizontal	Pass
3	287.956	20.15	-25.91	35.5	15.35	Peak	296.00	200	Horizontal	Pass
4	478.998	27.60	-20.63	35.5	7.90	Peak	269.00	200	Horizontal	Pass
5	648.948	32.28	-15.83	35.5	3.22	Peak	178.00	100	Horizontal	Pass
6	666.403	33.58	-15.60	35.5	1.92	Peak	353.00	200	Horizontal	N/A
6*	666.403	28.73	-15.60	35.5	6.77	QP	353.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz

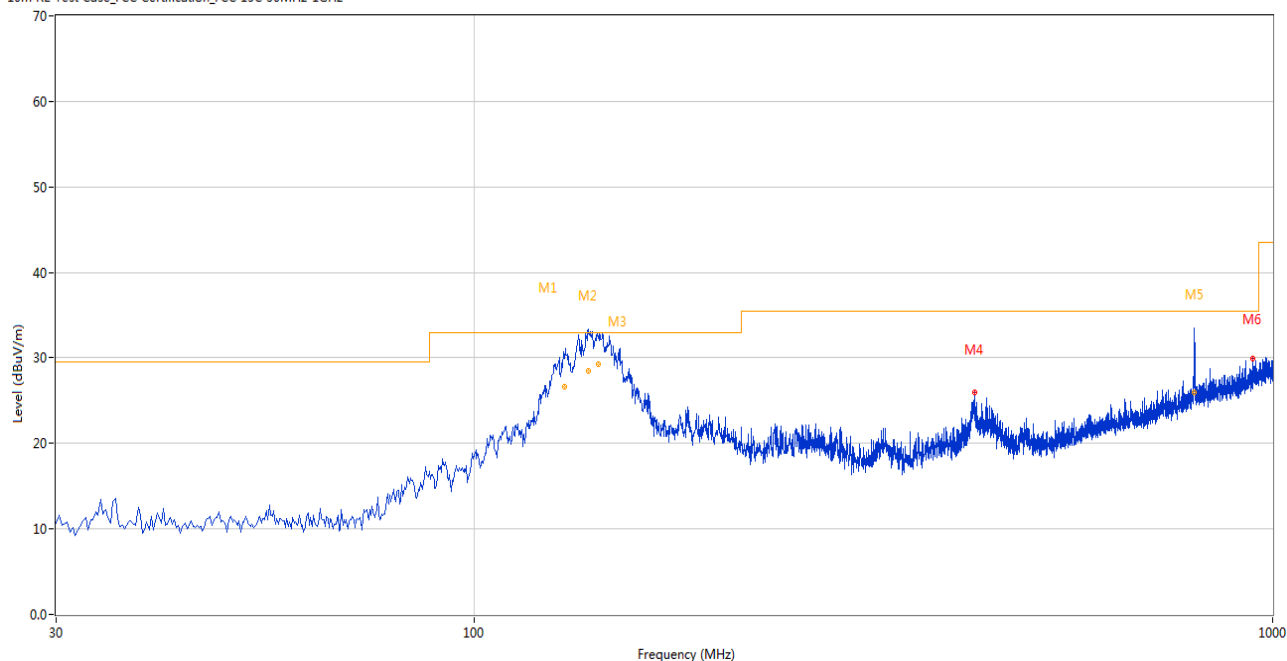


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.000	22.16	-26.83	29.5	7.34	Peak	123.00	100	Vertical	Pass
2	130.370	21.38	-27.52	33.0	11.62	Peak	232.00	200	Vertical	Pass
3	184.919	25.68	-28.16	33.0	7.32	Peak	360.00	200	Vertical	Pass
4	204.556	27.15	-29.43	33.0	5.85	Peak	2.00	100	Vertical	Pass
5	478.998	25.80	-20.63	35.5	9.70	Peak	297.00	100	Vertical	Pass
6	649.433	32.20	-15.87	35.5	3.30	Peak	123.00	200	Vertical	Pass

Antenna B

30 MHz to 1 GHz, ANT H

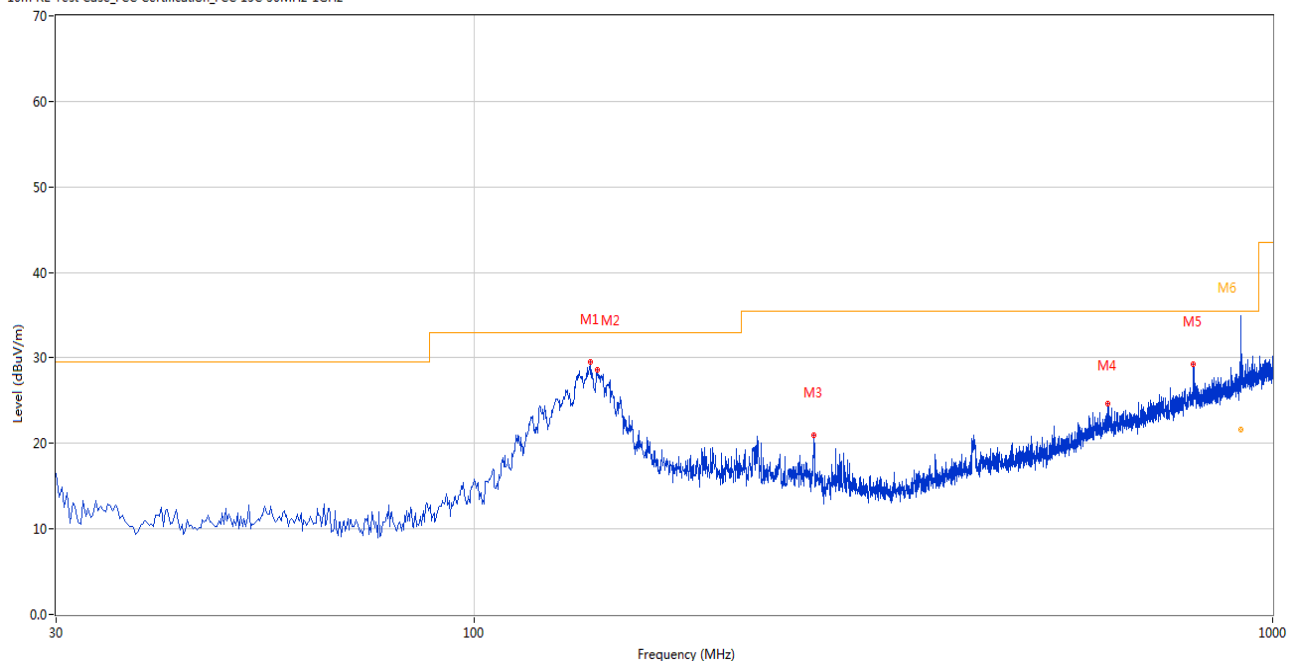
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	130.017	29.91	-27.56	33.0	3.09	Peak	150.00	139	Horizontal	N/A
1*	130.017	26.58	-27.56	33.0	6.42	QP	150.00	139	Horizontal	Pass
2	139.109	31.73	-26.84	33.0	1.27	Peak	172.00	200	Horizontal	N/A
2*	139.109	28.41	-26.84	33.0	4.59	QP	172.00	200	Horizontal	Pass
3	143.073	32.19	-26.56	33.0	0.81	Peak	167.00	200	Horizontal	N/A
3*	143.073	29.21	-26.56	33.0	3.79	QP	167.00	200	Horizontal	Pass
4	423.479	25.96	-21.96	35.5	9.54	Peak	281.00	200	Horizontal	Pass
5	797.200	31.49	-12.50	35.5	4.01	Peak	237.00	109	Horizontal	N/A
5*	797.200	25.98	-12.50	35.5	9.52	QP	237.00	109	Horizontal	Pass
6	944.724	29.91	-9.71	35.5	5.59	Peak	96.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	140.067	29.55	-26.76	33.0	3.45	Peak	102.00	100	Vertical	Pass
2	142.977	28.66	-26.56	33.0	4.34	Peak	118.00	100	Vertical	Pass
3	266.621	20.93	-26.79	35.5	14.57	Peak	0.00	200	Vertical	Pass
4	622.279	24.66	-16.35	35.5	10.84	Peak	184.00	200	Vertical	Pass
5	796.351	29.27	-12.51	35.5	6.23	Peak	162.00	200	Vertical	Pass
6	912.581	31.90	-10.73	35.5	3.60	Peak	232.00	193	Vertical	N/A
6*	912.581	21.63	-10.73	35.5	13.87	QP	232.00	193	Vertical	Pass

Note ¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note ²: The spurious above 18G is noise only, do not show on the report.

Antenna A

1 GHz to 18 GHz, ANT H 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.999	45.67	74.0	28.33	Peak	306.00	300	Horizontal	Pass
1**	1328.999	37.22	54.0	16.78	AV	306.00	300	Horizontal	Pass
2	2993.978	50.12	74.0	23.88	Peak	226.00	100	Horizontal	Pass
2**	2993.978	38.52	54.0	15.48	AV	226.00	100	Horizontal	Pass
3	4936.287	51.89	74.0	22.11	Peak	350.00	200	Horizontal	Pass
3**	4936.287	42.00	54.0	12.00	AV	350.00	200	Horizontal	Pass
4	6806.751	57.18	74.0	16.82	Peak	224.00	300	Horizontal	Pass
4**	6806.751	45.86	54.0	8.14	AV	224.00	300	Horizontal	Pass
5	13413.875	55.85	74.0	18.15	Peak	5.00	300	Horizontal	Pass
5**	13413.875	49.05	54.0	4.95	AV	5.00	300	Horizontal	Pass
6	17425.571	57.07	74.0	16.93	Peak	6.00	400	Horizontal	Pass
6**	17425.571	45.58	54.0	8.42	AV	6.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.775	42.27	74.0	31.73	Peak	140.00	400	Vertical	Pass
1**	1333.775	38.77	54.0	15.23	AV	140.00	400	Vertical	Pass
2	2979.764	52.08	74.0	21.92	Peak	211.00	300	Vertical	Pass
2**	2979.764	39.66	54.0	14.34	AV	211.00	300	Vertical	Pass
3	4855.177	46.48	74.0	27.52	Peak	109.00	200	Vertical	Pass
3**	4855.177	41.51	54.0	12.49	AV	109.00	200	Vertical	Pass
4	6609.073	56.77	74.0	17.23	Peak	212.00	400	Vertical	Pass
4**	6609.073	43.58	54.0	10.42	AV	212.00	400	Vertical	Pass
5	13435.069	53.39	74.0	20.61	Peak	101.00	400	Vertical	Pass
5**	13435.069	47.58	54.0	6.42	AV	101.00	400	Vertical	Pass
6	17416.438	55.46	74.0	18.54	Peak	154.00	400	Vertical	Pass
6**	17416.438	49.41	54.0	4.59	AV	154.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.184	43.27	74.0	30.73	Peak	80.00	300	Horizontal	Pass
1**	1327.184	39.26	54.0	14.74	AV	80.00	300	Horizontal	Pass
2	2994.126	47.60	74.0	26.40	Peak	4.00	100	Horizontal	Pass
2**	2994.126	41.32	54.0	12.68	AV	4.00	100	Horizontal	Pass
3	4932.716	49.65	74.0	24.35	Peak	150.00	200	Horizontal	Pass
3**	4932.716	43.51	54.0	10.49	AV	150.00	200	Horizontal	Pass
4	6806.710	54.11	74.0	19.89	Peak	70.00	200	Horizontal	Pass
4**	6806.710	46.27	54.0	7.73	AV	70.00	200	Horizontal	Pass
5	13414.953	53.86	74.0	20.14	Peak	334.00	400	Horizontal	Pass
5**	13414.953	48.10	54.0	5.90	AV	334.00	400	Horizontal	Pass
6	17428.955	55.60	74.0	18.40	Peak	235.00	300	Horizontal	Pass
6**	17428.955	45.37	54.0	8.63	AV	235.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.070	44.61	74.0	29.39	Peak	50.00	400	Vertical	Pass
1**	1332.070	39.98	54.0	14.02	AV	50.00	400	Vertical	Pass
2	2983.128	48.59	74.0	25.41	Peak	309.00	300	Vertical	Pass
2**	2983.128	44.54	54.0	9.46	AV	309.00	300	Vertical	Pass
3	4855.996	51.91	74.0	22.09	Peak	140.00	200	Vertical	Pass
3**	4855.996	38.48	54.0	15.52	AV	140.00	200	Vertical	Pass
4	6608.713	55.77	74.0	18.23	Peak	147.00	100	Vertical	Pass
4**	6608.713	46.56	54.0	7.44	AV	147.00	100	Vertical	Pass
5	13431.766	55.41	74.0	18.59	Peak	116.00	200	Vertical	Pass
5**	13431.766	46.15	54.0	7.85	AV	116.00	200	Vertical	Pass
6	17413.342	56.06	74.0	17.94	Peak	223.00	200	Vertical	Pass
6**	17413.342	44.61	54.0	9.39	AV	223.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.495	43.61	74.0	30.39	Peak	61.00	100	Horizontal	Pass
1**	1332.495	36.20	54.0	17.80	AV	61.00	100	Horizontal	Pass
2	2998.230	48.46	74.0	25.54	Peak	279.00	100	Horizontal	Pass
2**	2998.230	42.93	54.0	11.07	AV	279.00	100	Horizontal	Pass
3	4937.543	50.45	74.0	23.55	Peak	299.00	200	Horizontal	Pass
3**	4937.543	39.12	54.0	14.88	AV	299.00	200	Horizontal	Pass
4	6809.881	52.72	74.0	21.28	Peak	286.00	400	Horizontal	Pass
4**	6809.881	44.71	54.0	9.29	AV	286.00	400	Horizontal	Pass
5	13407.516	56.35	74.0	17.65	Peak	354.00	300	Horizontal	Pass
5**	13407.516	46.01	54.0	7.99	AV	354.00	300	Horizontal	Pass
6	17427.080	56.02	74.0	17.98	Peak	203.00	300	Horizontal	Pass
6**	17427.080	49.01	54.0	4.99	AV	203.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.475	43.06	74.0	30.94	Peak	44.00	200	Vertical	Pass
1**	1330.475	38.96	54.0	15.04	AV	44.00	200	Vertical	Pass
2	2981.042	53.11	74.0	20.89	Peak	170.00	100	Vertical	Pass
2**	2981.042	43.26	54.0	10.74	AV	170.00	100	Vertical	Pass
3	4853.099	50.69	74.0	23.31	Peak	304.00	200	Vertical	Pass
3**	4853.099	39.48	54.0	14.52	AV	304.00	200	Vertical	Pass
4	6609.612	57.15	74.0	16.85	Peak	214.00	300	Vertical	Pass
4**	6609.612	46.34	54.0	7.66	AV	214.00	300	Vertical	Pass
5	13432.290	53.64	74.0	20.36	Peak	111.00	200	Vertical	Pass
5**	13432.290	47.16	54.0	6.84	AV	111.00	200	Vertical	Pass
6	17415.152	54.71	74.0	19.29	Peak	231.00	400	Vertical	Pass
6**	17415.152	47.41	54.0	6.59	AV	231.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.217	45.94	74.0	28.06	Peak	302.00	300	Horizontal	Pass
1**	1329.217	39.01	54.0	14.99	AV	302.00	300	Horizontal	Pass
2	2996.233	47.58	74.0	26.42	Peak	7.00	400	Horizontal	Pass
2**	2996.233	44.23	54.0	9.77	AV	7.00	400	Horizontal	Pass
3	4934.247	51.55	74.0	22.45	Peak	288.00	200	Horizontal	Pass
3**	4934.247	41.79	54.0	12.21	AV	288.00	200	Horizontal	Pass
4	6804.338	54.37	74.0	19.63	Peak	124.00	100	Horizontal	Pass
4**	6804.338	46.68	54.0	7.32	AV	124.00	100	Horizontal	Pass
5	13411.124	54.08	74.0	19.92	Peak	132.00	200	Horizontal	Pass
5**	13411.124	44.09	54.0	9.91	AV	132.00	200	Horizontal	Pass
6	17425.560	58.90	74.0	15.10	Peak	65.00	300	Horizontal	Pass
6**	17425.560	46.16	54.0	7.84	AV	65.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.092	46.50	74.0	27.50	Peak	99.00	300	Vertical	Pass
1**	1336.092	38.87	54.0	15.13	AV	99.00	300	Vertical	Pass
2	2979.206	52.37	74.0	21.63	Peak	106.00	400	Vertical	Pass
2**	2979.206	41.69	54.0	12.31	AV	106.00	400	Vertical	Pass
3	4856.257	50.32	74.0	23.68	Peak	332.00	200	Vertical	Pass
3**	4856.257	39.28	54.0	14.72	AV	332.00	200	Vertical	Pass
4	6606.955	54.19	74.0	19.81	Peak	156.00	300	Vertical	Pass
4**	6606.955	42.43	54.0	11.57	AV	156.00	300	Vertical	Pass
5	13431.418	53.40	74.0	20.60	Peak	98.00	300	Vertical	Pass
5**	13431.418	48.43	54.0	5.57	AV	98.00	300	Vertical	Pass
6	17416.924	56.27	74.0	17.73	Peak	346.00	300	Vertical	Pass
6**	17416.924	49.01	54.0	4.99	AV	346.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.174	47.00	74.0	27.00	Peak	171.00	100	Horizontal	Pass
1**	1332.174	34.30	54.0	19.70	AV	171.00	100	Horizontal	Pass
2	2992.652	52.56	74.0	21.44	Peak	9.00	400	Horizontal	Pass
2**	2992.652	39.02	54.0	14.98	AV	9.00	400	Horizontal	Pass
3	4934.932	48.71	74.0	25.29	Peak	320.00	200	Horizontal	Pass
3**	4934.932	40.58	54.0	13.42	AV	320.00	200	Horizontal	Pass
4	6810.323	56.46	74.0	17.54	Peak	51.00	200	Horizontal	Pass
4**	6810.323	45.92	54.0	8.08	AV	51.00	200	Horizontal	Pass
5	13414.262	53.94	74.0	20.06	Peak	303.00	200	Horizontal	Pass
5**	13414.262	44.81	54.0	9.19	AV	303.00	200	Horizontal	Pass
6	17422.385	55.49	74.0	18.51	Peak	333.00	400	Horizontal	Pass
6**	17422.385	49.00	54.0	5.00	AV	333.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.967	43.29	74.0	30.71	Peak	44.00	200	Vertical	Pass
1**	1331.967	38.77	54.0	15.23	AV	44.00	200	Vertical	Pass
2	2983.130	49.59	74.0	24.41	Peak	41.00	400	Vertical	Pass
2**	2983.130	42.37	54.0	11.63	AV	41.00	400	Vertical	Pass
3	4856.621	52.32	74.0	21.68	Peak	188.00	200	Vertical	Pass
3**	4856.621	38.82	54.0	15.18	AV	188.00	200	Vertical	Pass
4	6610.262	54.30	74.0	19.70	Peak	157.00	300	Vertical	Pass
4**	6610.262	43.40	54.0	10.60	AV	157.00	300	Vertical	Pass
5	13434.736	57.48	74.0	16.52	Peak	26.00	200	Vertical	Pass
5**	13434.736	46.77	54.0	7.23	AV	26.00	200	Vertical	Pass
6	17414.582	60.16	74.0	13.84	Peak	217.00	300	Vertical	Pass
6**	17414.582	45.34	54.0	8.66	AV	217.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.597	45.99	74.0	28.01	Peak	337.00	300	Horizontal	Pass
1**	1326.597	38.10	54.0	15.90	AV	337.00	300	Horizontal	Pass
2	2994.149	50.42	74.0	23.58	Peak	54.00	200	Horizontal	Pass
2**	2994.149	44.42	54.0	9.58	AV	54.00	200	Horizontal	Pass
3	4934.582	49.37	74.0	24.63	Peak	359.00	200	Horizontal	Pass
3**	4934.582	41.92	54.0	12.08	AV	359.00	200	Horizontal	Pass
4	6807.772	55.15	74.0	18.85	Peak	307.00	100	Horizontal	Pass
4**	6807.772	45.78	54.0	8.22	AV	307.00	100	Horizontal	Pass
5	13414.077	57.43	74.0	16.57	Peak	159.00	400	Horizontal	Pass
5**	13414.077	45.26	54.0	8.74	AV	159.00	400	Horizontal	Pass
6	17422.562	55.30	74.0	18.70	Peak	278.00	100	Horizontal	Pass
6**	17422.562	50.41	54.0	3.59	AV	278.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.898	42.23	74.0	31.77	Peak	179.00	200	Vertical	Pass
1**	1331.898	34.70	54.0	19.30	AV	179.00	200	Vertical	Pass
2	2984.857	48.95	74.0	25.05	Peak	57.00	100	Vertical	Pass
2**	2984.857	43.10	54.0	10.90	AV	57.00	100	Vertical	Pass
3	4857.057	48.42	74.0	25.58	Peak	131.00	200	Vertical	Pass
3**	4857.057	41.80	54.0	12.20	AV	131.00	200	Vertical	Pass
4	6604.499	53.17	74.0	20.83	Peak	220.00	300	Vertical	Pass
4**	6604.499	42.75	54.0	11.25	AV	220.00	300	Vertical	Pass
5	13433.062	54.74	74.0	19.26	Peak	327.00	100	Vertical	Pass
5**	13433.062	48.87	54.0	5.13	AV	327.00	100	Vertical	Pass
6	17419.886	58.80	74.0	15.20	Peak	199.00	400	Vertical	Pass
6**	17419.886	47.99	54.0	6.01	AV	199.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.327	44.40	74.0	29.60	Peak	70.00	300	Horizontal	Pass
1**	1332.327	34.69	54.0	19.31	AV	70.00	300	Horizontal	Pass
2	2995.366	52.38	74.0	21.62	Peak	304.00	200	Horizontal	Pass
2**	2995.366	42.07	54.0	11.93	AV	304.00	200	Horizontal	Pass
3	4932.330	54.64	74.0	19.36	Peak	33.00	200	Horizontal	Pass
3**	4932.330	43.14	54.0	10.86	AV	33.00	200	Horizontal	Pass
4	6805.687	57.43	74.0	16.57	Peak	240.00	400	Horizontal	Pass
4**	6805.687	43.59	54.0	10.41	AV	240.00	400	Horizontal	Pass
5	13412.800	57.05	74.0	16.95	Peak	13.00	200	Horizontal	Pass
5**	13412.800	45.41	54.0	8.59	AV	13.00	200	Horizontal	Pass
6	17427.414	54.26	74.0	19.74	Peak	359.00	100	Horizontal	Pass
6**	17427.414	47.34	54.0	6.66	AV	359.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.569	47.80	74.0	26.20	Peak	129.00	200	Vertical	Pass
1**	1333.569	38.73	54.0	15.27	AV	129.00	200	Vertical	Pass
2	2978.395	52.38	74.0	21.62	Peak	340.00	400	Vertical	Pass
2**	2978.395	39.29	54.0	14.71	AV	340.00	400	Vertical	Pass
3	4851.178	47.33	74.0	26.67	Peak	259.00	200	Vertical	Pass
3**	4851.178	39.36	54.0	14.64	AV	259.00	200	Vertical	Pass
4	6608.004	56.65	74.0	17.35	Peak	187.00	200	Vertical	Pass
4**	6608.004	45.18	54.0	8.82	AV	187.00	200	Vertical	Pass
5	13434.460	53.04	74.0	20.96	Peak	34.00	200	Vertical	Pass
5**	13434.460	44.35	54.0	9.65	AV	34.00	200	Vertical	Pass
6	17413.896	56.43	74.0	17.57	Peak	242.00	100	Vertical	Pass
6**	17413.896	48.93	54.0	5.07	AV	242.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.187	47.31	74.0	26.69	Peak	193.00	300	Horizontal	Pass
1**	1333.187	34.68	54.0	19.32	AV	193.00	300	Horizontal	Pass
2	2995.218	47.33	74.0	26.67	Peak	106.00	200	Horizontal	Pass
2**	2995.218	43.15	54.0	10.85	AV	106.00	200	Horizontal	Pass
3	4937.517	51.05	74.0	22.95	Peak	55.00	200	Horizontal	Pass
3**	4937.517	41.64	54.0	12.36	AV	55.00	200	Horizontal	Pass
4	6804.449	55.95	74.0	18.05	Peak	102.00	300	Horizontal	Pass
4**	6804.449	45.91	54.0	8.09	AV	102.00	300	Horizontal	Pass
5	13408.833	53.85	74.0	20.15	Peak	36.00	200	Horizontal	Pass
5**	13408.833	48.66	54.0	5.34	AV	36.00	200	Horizontal	Pass
6	17427.380	53.12	74.0	20.88	Peak	7.00	200	Horizontal	Pass
6**	17427.380	48.23	54.0	5.77	AV	7.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.581	43.47	74.0	30.53	Peak	81.00	200	Vertical	Pass
1**	1335.581	35.53	54.0	18.47	AV	81.00	200	Vertical	Pass
2	2979.229	52.32	74.0	21.68	Peak	87.00	200	Vertical	Pass
2**	2979.229	42.59	54.0	11.41	AV	87.00	200	Vertical	Pass
3	4853.790	46.98	74.0	27.02	Peak	50.00	200	Vertical	Pass
3**	4853.790	42.05	54.0	11.95	AV	50.00	200	Vertical	Pass
4	6607.143	52.08	74.0	21.92	Peak	309.00	200	Vertical	Pass
4**	6607.143	46.10	54.0	7.90	AV	309.00	200	Vertical	Pass
5	13438.280	56.60	74.0	17.40	Peak	244.00	100	Vertical	Pass
5**	13438.280	48.43	54.0	5.57	AV	244.00	100	Vertical	Pass
6	17413.885	57.31	74.0	16.69	Peak	186.00	300	Vertical	Pass
6**	17413.885	44.58	54.0	9.42	AV	186.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.854	41.62	74.0	32.38	Peak	13.00	200	Horizontal	Pass
1**	1332.854	34.08	54.0	19.92	AV	13.00	200	Horizontal	Pass
2	2994.358	52.02	74.0	21.98	Peak	165.00	100	Horizontal	Pass
2**	2994.358	38.87	54.0	15.13	AV	165.00	100	Horizontal	Pass
3	4936.516	54.05	74.0	19.95	Peak	100.00	200	Horizontal	Pass
3**	4936.516	39.44	54.0	14.56	AV	100.00	200	Horizontal	Pass
4	6810.475	55.14	74.0	18.86	Peak	151.00	100	Horizontal	Pass
4**	6810.475	45.96	54.0	8.04	AV	151.00	100	Horizontal	Pass
5	13414.799	53.54	74.0	20.46	Peak	57.00	300	Horizontal	Pass
5**	13414.799	44.17	54.0	9.83	AV	57.00	300	Horizontal	Pass
6	17425.526	57.86	74.0	16.14	Peak	285.00	400	Horizontal	Pass
6**	17425.526	46.66	54.0	7.34	AV	285.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.906	45.20	74.0	28.80	Peak	334.00	400	Vertical	Pass
1**	1332.906	38.67	54.0	15.33	AV	334.00	400	Vertical	Pass
2	2982.430	52.24	74.0	21.76	Peak	320.00	200	Vertical	Pass
2**	2982.430	44.19	54.0	9.81	AV	320.00	200	Vertical	Pass
3	4858.031	48.52	74.0	25.48	Peak	345.00	200	Vertical	Pass
3**	4858.031	38.77	54.0	15.23	AV	345.00	200	Vertical	Pass
4	6603.239	54.17	74.0	19.83	Peak	82.00	400	Vertical	Pass
4**	6603.239	45.67	54.0	8.33	AV	82.00	400	Vertical	Pass
5	13433.841	53.23	74.0	20.77	Peak	76.00	200	Vertical	Pass
5**	13433.841	46.70	54.0	7.30	AV	76.00	200	Vertical	Pass
6	17419.566	56.75	74.0	17.25	Peak	17.00	300	Vertical	Pass
6**	17419.566	48.08	54.0	5.92	AV	17.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.966	46.65	74.0	27.35	Peak	278.00	300	Horizontal	Pass
1**	1325.966	34.89	54.0	19.11	AV	278.00	300	Horizontal	Pass
2	2996.502	49.13	74.0	24.87	Peak	298.00	300	Horizontal	Pass
2**	2996.502	42.22	54.0	11.78	AV	298.00	300	Horizontal	Pass
3	4935.117	48.75	74.0	25.25	Peak	17.00	200	Horizontal	Pass
3**	4935.117	43.03	54.0	10.97	AV	17.00	200	Horizontal	Pass
4	6809.581	52.71	74.0	21.29	Peak	63.00	300	Horizontal	Pass
4**	6809.581	42.36	54.0	11.64	AV	63.00	300	Horizontal	Pass
5	13409.252	58.47	74.0	15.53	Peak	46.00	100	Horizontal	Pass
5**	13409.252	46.39	54.0	7.61	AV	46.00	100	Horizontal	Pass
6	17424.729	54.31	74.0	19.69	Peak	237.00	300	Horizontal	Pass
6**	17424.729	47.19	54.0	6.81	AV	237.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.753	47.35	74.0	26.65	Peak	182.00	300	Vertical	Pass
1**	1330.753	35.83	54.0	18.17	AV	182.00	300	Vertical	Pass
2	2981.456	48.05	74.0	25.95	Peak	27.00	200	Vertical	Pass
2**	2981.456	39.25	54.0	14.75	AV	27.00	200	Vertical	Pass
3	4855.561	50.11	74.0	23.89	Peak	160.00	200	Vertical	Pass
3**	4855.561	38.53	54.0	15.47	AV	160.00	200	Vertical	Pass
4	6606.510	52.32	74.0	21.68	Peak	322.00	300	Vertical	Pass
4**	6606.510	43.67	54.0	10.33	AV	322.00	300	Vertical	Pass
5	13434.061	54.89	74.0	19.11	Peak	2.00	300	Vertical	Pass
5**	13434.061	46.92	54.0	7.08	AV	2.00	300	Vertical	Pass
6	17414.610	54.73	74.0	19.27	Peak	168.00	300	Vertical	Pass
6**	17414.610	47.80	54.0	6.20	AV	168.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.214	44.45	74.0	29.55	Peak	134.00	400	Horizontal	Pass
1**	1327.214	37.83	54.0	16.17	AV	134.00	400	Horizontal	Pass
2	2993.848	52.14	74.0	21.86	Peak	223.00	400	Horizontal	Pass
2**	2993.848	44.04	54.0	9.96	AV	223.00	400	Horizontal	Pass
3	4938.340	52.44	74.0	21.56	Peak	224.00	200	Horizontal	Pass
3**	4938.340	43.51	54.0	10.49	AV	224.00	200	Horizontal	Pass
4	6809.886	56.54	74.0	17.46	Peak	225.00	300	Horizontal	Pass
4**	6809.886	46.18	54.0	7.82	AV	225.00	300	Horizontal	Pass
5	13411.927	55.35	74.0	18.65	Peak	229.00	300	Horizontal	Pass
5**	13411.927	48.30	54.0	5.70	AV	229.00	300	Horizontal	Pass
6	17429.553	56.53	74.0	17.47	Peak	355.00	300	Horizontal	Pass
6**	17429.553	45.40	54.0	8.60	AV	355.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.006	45.20	74.0	28.80	Peak	20.00	400	Vertical	Pass
1**	1330.006	37.37	54.0	16.63	AV	20.00	400	Vertical	Pass
2	2985.348	52.21	74.0	21.79	Peak	83.00	300	Vertical	Pass
2**	2985.348	39.87	54.0	14.13	AV	83.00	300	Vertical	Pass
3	4855.064	46.98	74.0	27.02	Peak	141.00	200	Vertical	Pass
3**	4855.064	38.06	54.0	15.94	AV	141.00	200	Vertical	Pass
4	6608.801	56.95	74.0	17.05	Peak	95.00	200	Vertical	Pass
4**	6608.801	45.73	54.0	8.27	AV	95.00	200	Vertical	Pass
5	13433.348	53.14	74.0	20.86	Peak	107.00	400	Vertical	Pass
5**	13433.348	47.43	54.0	6.57	AV	107.00	400	Vertical	Pass
6	17419.713	55.77	74.0	18.23	Peak	32.00	200	Vertical	Pass
6**	17419.713	49.33	54.0	4.67	AV	32.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.259	43.85	74.0	30.15	Peak	255.00	200	Horizontal	Pass
1**	1329.259	38.84	54.0	15.16	AV	255.00	200	Horizontal	Pass
2	2992.635	52.98	74.0	21.02	Peak	177.00	300	Horizontal	Pass
2**	2992.635	44.26	54.0	9.74	AV	177.00	300	Horizontal	Pass
3	4932.191	50.21	74.0	23.79	Peak	227.00	200	Horizontal	Pass
3**	4932.191	42.17	54.0	11.83	AV	227.00	200	Horizontal	Pass
4	6807.475	54.87	74.0	19.13	Peak	264.00	400	Horizontal	Pass
4**	6807.475	44.69	54.0	9.31	AV	264.00	400	Horizontal	Pass
5	13411.829	57.55	74.0	16.45	Peak	10.00	300	Horizontal	Pass
5**	13411.829	45.06	54.0	8.94	AV	10.00	300	Horizontal	Pass
6	17425.630	53.45	74.0	20.55	Peak	58.00	400	Horizontal	Pass
6**	17425.630	48.44	54.0	5.56	AV	58.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.386	45.52	74.0	28.48	Peak	201.00	100	Vertical	Pass
1**	1335.386	37.50	54.0	16.50	AV	201.00	100	Vertical	Pass
2	2979.888	50.31	74.0	23.69	Peak	30.00	100	Vertical	Pass
2**	2979.888	40.82	54.0	13.18	AV	30.00	100	Vertical	Pass
3	4856.600	51.54	74.0	22.46	Peak	48.00	200	Vertical	Pass
3**	4856.600	39.04	54.0	14.96	AV	48.00	200	Vertical	Pass
4	6607.279	52.90	74.0	21.10	Peak	295.00	200	Vertical	Pass
4**	6607.279	45.19	54.0	8.81	AV	295.00	200	Vertical	Pass
5	13431.761	53.26	74.0	20.74	Peak	350.00	300	Vertical	Pass
5**	13431.761	49.13	54.0	4.87	AV	350.00	300	Vertical	Pass
6	17413.361	60.08	74.0	13.92	Peak	350.00	200	Vertical	Pass
6**	17413.361	49.29	54.0	4.71	AV	350.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.562	46.71	74.0	27.29	Peak	17.00	400	Horizontal	Pass
1**	1326.562	39.21	54.0	14.79	AV	17.00	400	Horizontal	Pass
2	2993.311	47.58	74.0	26.42	Peak	46.00	400	Horizontal	Pass
2**	2993.311	42.07	54.0	11.93	AV	46.00	400	Horizontal	Pass
3	4936.954	50.67	74.0	23.33	Peak	293.00	200	Horizontal	Pass
3**	4936.954	41.54	54.0	12.46	AV	293.00	200	Horizontal	Pass
4	6803.379	55.45	74.0	18.55	Peak	223.00	400	Horizontal	Pass
4**	6803.379	47.65	54.0	6.35	AV	223.00	400	Horizontal	Pass
5	13412.307	53.36	74.0	20.64	Peak	22.00	200	Horizontal	Pass
5**	13412.307	46.34	54.0	7.66	AV	22.00	200	Horizontal	Pass
6	17423.007	56.48	74.0	17.52	Peak	206.00	200	Horizontal	Pass
6**	17423.007	47.92	54.0	6.08	AV	206.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.582	46.14	74.0	27.86	Peak	202.00	200	Vertical	Pass
1**	1336.582	39.00	54.0	15.00	AV	202.00	200	Vertical	Pass
2	2980.310	51.19	74.0	22.81	Peak	266.00	200	Vertical	Pass
2**	2980.310	39.16	54.0	14.84	AV	266.00	200	Vertical	Pass
3	4857.860	49.95	74.0	24.05	Peak	269.00	200	Vertical	Pass
3**	4857.860	37.86	54.0	16.14	AV	269.00	200	Vertical	Pass
4	6606.783	56.46	74.0	17.54	Peak	186.00	300	Vertical	Pass
4**	6606.783	47.53	54.0	6.47	AV	186.00	300	Vertical	Pass
5	13432.015	52.63	74.0	21.37	Peak	201.00	300	Vertical	Pass
5**	13432.015	48.81	54.0	5.19	AV	201.00	300	Vertical	Pass
6	17417.704	56.75	74.0	17.25	Peak	28.00	100	Vertical	Pass
6**	17417.704	46.64	54.0	7.36	AV	28.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.394	41.72	74.0	32.28	Peak	202.00	300	Horizontal	Pass
1**	1326.394	38.91	54.0	15.09	AV	202.00	300	Horizontal	Pass
2	2995.639	51.09	74.0	22.91	Peak	356.00	300	Horizontal	Pass
2**	2995.639	39.24	54.0	14.76	AV	356.00	300	Horizontal	Pass
3	4932.125	51.94	74.0	22.06	Peak	345.00	200	Horizontal	Pass
3**	4932.125	38.67	54.0	15.33	AV	345.00	200	Horizontal	Pass
4	6805.475	54.44	74.0	19.56	Peak	33.00	100	Horizontal	Pass
4**	6805.475	45.09	54.0	8.91	AV	33.00	100	Horizontal	Pass
5	13411.219	58.47	74.0	15.53	Peak	277.00	300	Horizontal	Pass
5**	13411.219	47.27	54.0	6.73	AV	277.00	300	Horizontal	Pass
6	17426.980	55.20	74.0	18.80	Peak	92.00	400	Horizontal	Pass
6**	17426.980	47.38	54.0	6.62	AV	92.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.168	44.76	74.0	29.24	Peak	263.00	200	Vertical	Pass
1**	1330.168	39.69	54.0	14.31	AV	263.00	200	Vertical	Pass
2	2980.542	50.54	74.0	23.46	Peak	97.00	200	Vertical	Pass
2**	2980.542	39.27	54.0	14.73	AV	97.00	200	Vertical	Pass
3	4850.318	50.19	74.0	23.81	Peak	285.00	200	Vertical	Pass
3**	4850.318	38.11	54.0	15.89	AV	285.00	200	Vertical	Pass
4	6606.654	54.74	74.0	19.26	Peak	133.00	400	Vertical	Pass
4**	6606.654	45.97	54.0	8.03	AV	133.00	400	Vertical	Pass
5	13437.199	56.03	74.0	17.97	Peak	249.00	100	Vertical	Pass
5**	13437.199	49.30	54.0	4.70	AV	249.00	100	Vertical	Pass
6	17415.345	58.65	74.0	15.35	Peak	234.00	400	Vertical	Pass
6**	17415.345	48.15	54.0	5.85	AV	234.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.814	43.03	74.0	30.97	Peak	193.00	300	Horizontal	Pass
1**	1332.814	35.17	54.0	18.83	AV	193.00	300	Horizontal	Pass
2	2992.673	48.66	74.0	25.34	Peak	190.00	400	Horizontal	Pass
2**	2992.673	42.82	54.0	11.18	AV	190.00	400	Horizontal	Pass
3	4930.715	51.37	74.0	22.63	Peak	220.00	200	Horizontal	Pass
3**	4930.715	42.04	54.0	11.96	AV	220.00	200	Horizontal	Pass
4	6806.637	54.46	74.0	19.54	Peak	273.00	100	Horizontal	Pass
4**	6806.637	46.51	54.0	7.49	AV	273.00	100	Horizontal	Pass
5	13411.302	56.00	74.0	18.00	Peak	155.00	200	Horizontal	Pass
5**	13411.302	47.57	54.0	6.43	AV	155.00	200	Horizontal	Pass
6	17422.505	58.91	74.0	15.09	Peak	10.00	300	Horizontal	Pass
6**	17422.505	49.24	54.0	4.76	AV	10.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.561	47.78	74.0	26.22	Peak	251.00	200	Vertical	Pass
1**	1330.561	36.45	54.0	17.55	AV	251.00	200	Vertical	Pass
2	2982.102	50.58	74.0	23.42	Peak	33.00	400	Vertical	Pass
2**	2982.102	41.74	54.0	12.26	AV	33.00	400	Vertical	Pass
3	4851.067	49.95	74.0	24.05	Peak	120.00	200	Vertical	Pass
3**	4851.067	42.24	54.0	11.76	AV	120.00	200	Vertical	Pass
4	6604.693	52.20	74.0	21.80	Peak	309.00	300	Vertical	Pass
4**	6604.693	44.51	54.0	9.49	AV	309.00	300	Vertical	Pass
5	13431.172	58.00	74.0	16.00	Peak	304.00	400	Vertical	Pass
5**	13431.172	47.63	54.0	6.37	AV	304.00	400	Vertical	Pass
6	17416.760	60.13	74.0	13.87	Peak	354.00	300	Vertical	Pass
6**	17416.760	47.83	54.0	6.17	AV	354.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.128	44.81	74.0	29.19	Peak	291.00	300	Horizontal	Pass
1**	1333.128	33.79	54.0	20.21	AV	291.00	300	Horizontal	Pass
2	3000.145	53.12	74.0	20.88	Peak	140.00	300	Horizontal	Pass
2**	3000.145	40.14	54.0	13.86	AV	140.00	300	Horizontal	Pass
3	4937.510	54.27	74.0	19.73	Peak	106.00	200	Horizontal	Pass
3**	4937.510	41.32	54.0	12.68	AV	106.00	200	Horizontal	Pass
4	6808.027	53.33	74.0	20.67	Peak	203.00	200	Horizontal	Pass
4**	6808.027	44.17	54.0	9.83	AV	203.00	200	Horizontal	Pass
5	13408.628	54.23	74.0	19.77	Peak	77.00	200	Horizontal	Pass
5**	13408.628	43.74	54.0	10.26	AV	77.00	200	Horizontal	Pass
6	17423.890	58.86	74.0	15.14	Peak	110.00	200	Horizontal	Pass
6**	17423.890	46.45	54.0	7.55	AV	110.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.220	45.38	74.0	28.62	Peak	255.00	300	Vertical	Pass
1**	1332.220	37.48	54.0	16.52	AV	255.00	300	Vertical	Pass
2	2985.149	48.25	74.0	25.75	Peak	118.00	400	Vertical	Pass
2**	2985.149	43.05	54.0	10.95	AV	118.00	400	Vertical	Pass
3	4855.009	47.14	74.0	26.86	Peak	33.00	200	Vertical	Pass
3**	4855.009	40.94	54.0	13.06	AV	33.00	200	Vertical	Pass
4	6603.735	52.52	74.0	21.48	Peak	347.00	400	Vertical	Pass
4**	6603.735	42.58	54.0	11.42	AV	347.00	400	Vertical	Pass
5	13436.559	58.35	74.0	15.65	Peak	62.00	400	Vertical	Pass
5**	13436.559	43.45	54.0	10.55	AV	62.00	400	Vertical	Pass
6	17420.808	54.16	74.0	19.84	Peak	134.00	100	Vertical	Pass
6**	17420.808	45.67	54.0	8.33	AV	134.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.185	43.58	74.0	30.42	Peak	360.00	400	Horizontal	Pass
1**	1328.185	39.11	54.0	14.89	AV	360.00	400	Horizontal	Pass
2	2996.875	51.22	74.0	22.78	Peak	220.00	400	Horizontal	Pass
2**	2996.875	39.81	54.0	14.19	AV	220.00	400	Horizontal	Pass
3	4933.069	53.32	74.0	20.68	Peak	226.00	200	Horizontal	Pass
3**	4933.069	41.19	54.0	12.81	AV	226.00	200	Horizontal	Pass
4	6804.621	54.24	74.0	19.76	Peak	125.00	200	Horizontal	Pass
4**	6804.621	41.87	54.0	12.13	AV	125.00	200	Horizontal	Pass
5	13414.905	57.89	74.0	16.11	Peak	129.00	200	Horizontal	Pass
5**	13414.905	45.29	54.0	8.71	AV	129.00	200	Horizontal	Pass
6	17427.970	56.57	74.0	17.43	Peak	242.00	300	Horizontal	Pass
6**	17427.970	47.01	54.0	6.99	AV	242.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.303	45.65	74.0	28.35	Peak	279.00	100	Vertical	Pass
1**	1335.303	39.76	54.0	14.24	AV	279.00	100	Vertical	Pass
2	2981.589	50.15	74.0	23.85	Peak	256.00	300	Vertical	Pass
2**	2981.589	44.67	54.0	9.33	AV	256.00	300	Vertical	Pass
3	4853.517	51.87	74.0	22.13	Peak	27.00	200	Vertical	Pass
3**	4853.517	43.27	54.0	10.73	AV	27.00	200	Vertical	Pass
4	6603.949	51.79	74.0	22.21	Peak	143.00	400	Vertical	Pass
4**	6603.949	43.01	54.0	10.99	AV	143.00	400	Vertical	Pass
5	13438.243	58.18	74.0	15.82	Peak	48.00	100	Vertical	Pass
5**	13438.243	48.74	54.0	5.26	AV	48.00	100	Vertical	Pass
6	17416.916	57.92	74.0	16.08	Peak	234.00	100	Vertical	Pass
6**	17416.916	44.89	54.0	9.11	AV	234.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.119	46.66	74.0	27.34	Peak	37.00	200	Horizontal	Pass
1**	1326.119	38.90	54.0	15.10	AV	37.00	200	Horizontal	Pass
2	2997.052	48.63	74.0	25.37	Peak	197.00	200	Horizontal	Pass
2**	2997.052	39.59	54.0	14.41	AV	197.00	200	Horizontal	Pass
3	4935.146	48.91	74.0	25.09	Peak	87.00	200	Horizontal	Pass
3**	4935.146	41.74	54.0	12.26	AV	87.00	200	Horizontal	Pass
4	6808.263	54.38	74.0	19.62	Peak	337.00	200	Horizontal	Pass
4**	6808.263	43.88	54.0	10.12	AV	337.00	200	Horizontal	Pass
5	13414.138	56.51	74.0	17.49	Peak	79.00	300	Horizontal	Pass
5**	13414.138	47.61	54.0	6.39	AV	79.00	300	Horizontal	Pass
6	17424.211	53.34	74.0	20.66	Peak	190.00	100	Horizontal	Pass
6**	17424.211	50.40	54.0	3.60	AV	190.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.534	45.49	74.0	28.51	Peak	316.00	300	Vertical	Pass
1**	1331.534	38.77	54.0	15.23	AV	316.00	300	Vertical	Pass
2	2979.734	52.39	74.0	21.61	Peak	253.00	200	Vertical	Pass
2**	2979.734	43.67	54.0	10.33	AV	253.00	200	Vertical	Pass
3	4851.730	46.52	74.0	27.48	Peak	247.00	200	Vertical	Pass
3**	4851.730	41.20	54.0	12.80	AV	247.00	200	Vertical	Pass
4	6608.179	56.63	74.0	17.37	Peak	27.00	400	Vertical	Pass
4**	6608.179	43.30	54.0	10.70	AV	27.00	400	Vertical	Pass
5	13437.223	57.57	74.0	16.43	Peak	169.00	300	Vertical	Pass
5**	13437.223	45.75	54.0	8.25	AV	169.00	300	Vertical	Pass
6	17420.358	54.68	74.0	19.32	Peak	173.00	200	Vertical	Pass
6**	17420.358	45.41	54.0	8.59	AV	173.00	200	Vertical	Pass

Antenna B**1 GHz to 18 GHz, ANT H 802.11b Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.150	46.45	74.0	27.55	Peak	184.00	100	Horizontal	Pass
1**	1330.150	34.98	54.0	19.02	AV	184.00	100	Horizontal	Pass
2	2999.750	52.10	74.0	21.90	Peak	248.00	300	Horizontal	Pass
2**	2999.750	38.72	54.0	15.28	AV	248.00	300	Horizontal	Pass
3	4932.766	51.83	74.0	22.17	Peak	100.00	200	Horizontal	Pass
3**	4932.766	39.07	54.0	14.93	AV	100.00	200	Horizontal	Pass
4	6804.525	51.96	74.0	22.04	Peak	225.00	400	Horizontal	Pass
4**	6804.525	43.28	54.0	10.72	AV	225.00	400	Horizontal	Pass
5	13411.688	53.96	74.0	20.04	Peak	344.00	300	Horizontal	Pass
5**	13411.688	48.68	54.0	5.32	AV	344.00	300	Horizontal	Pass
6	17426.266	53.44	74.0	20.56	Peak	330.00	400	Horizontal	Pass
6**	17426.266	48.55	54.0	5.45	AV	330.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.679	43.16	74.0	30.84	Peak	119.00	100	Vertical	Pass
1**	1336.679	37.61	54.0	16.39	AV	119.00	100	Vertical	Pass
2	2978.516	47.46	74.0	26.54	Peak	19.00	400	Vertical	Pass
2**	2978.516	43.90	54.0	10.10	AV	19.00	400	Vertical	Pass
3	4856.416	51.56	74.0	22.44	Peak	187.00	200	Vertical	Pass
3**	4856.416	43.32	54.0	10.68	AV	187.00	200	Vertical	Pass
4	6605.529	55.13	74.0	18.87	Peak	278.00	400	Vertical	Pass
4**	6605.529	42.95	54.0	11.05	AV	278.00	400	Vertical	Pass
5	13437.921	54.47	74.0	19.53	Peak	109.00	200	Vertical	Pass
5**	13437.921	48.79	54.0	5.21	AV	109.00	200	Vertical	Pass
6	17417.849	55.91	74.0	18.09	Peak	291.00	400	Vertical	Pass
6**	17417.849	48.87	54.0	5.13	AV	291.00	400	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Test Data

Antenna A

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.419	60.22	74.0	13.78	Peak	35.00	300	Horizontal	Pass
1**	2386.419	49.67	54.0	4.33	AV	35.00	300	Horizontal	Pass
2	2390.000	56.6	74.0	17.40	Peak	218.00	100	Horizontal	Pass
2**	2390.000	44.32	54.0	9.68	AV	218.00	100	Horizontal	Pass

802.11b HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.1	74.0	18.90	Peak	284.00	200	Horizontal	Pass
1**	2483.500	47.82	54.0	6.18	AV	284.00	200	Horizontal	Pass
2	2486.638	59.93	74.0	14.07	Peak	360.00	100	Horizontal	Pass
2**	2486.638	46.19	54.0	7.81	AV	360.00	100	Horizontal	Pass

802.11g LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.576	56.58	74.0	17.42	Peak	55.00	200	Horizontal	Pass
1**	2383.576	46.2	54.0	7.80	AV	55.00	200	Horizontal	Pass
2	2390.000	53.73	74.0	20.27	Peak	169.00	200	Horizontal	Pass
2**	2390.000	47.34	54.0	6.66	AV	169.00	200	Horizontal	Pass

802.11g HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.04	74.0	17.96	Peak	208.00	300	Horizontal	Pass
1**	2483.500	46.66	54.0	7.34	AV	208.00	300	Horizontal	Pass
2	2487.771	59.84	74.0	14.16	Peak	29.00	200	Horizontal	Pass
2**	2487.771	46.67	54.0	7.33	AV	29.00	200	Horizontal	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.446	56.5	74.0	17.50	Peak	88.00	200	Horizontal	Pass
1**	2384.446	46.6	54.0	7.40	AV	88.00	200	Horizontal	Pass
2	2390.000	56.26	74.0	17.74	Peak	119.00	100	Horizontal	Pass
2**	2390.000	47.21	54.0	6.79	AV	119.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.06	74.0	16.94	Peak	93.00	100	Horizontal	Pass
1**	2483.500	47.24	54.0	6.76	AV	93.00	100	Horizontal	Pass
2	2486.288	60.13	74.0	13.87	Peak	106.00	100	Horizontal	Pass
2**	2486.288	45.8	54.0	8.20	AV	106.00	100	Horizontal	Pass

802.11n40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.681	59.03	74.0	14.97	Peak	22.00	300	Horizontal	Pass
1**	2383.681	48.72	54.0	5.28	AV	22.00	300	Horizontal	Pass
2	2390.000	57.26	74.0	16.74	Peak	45.00	200	Horizontal	Pass
2**	2390.000	44.02	54.0	9.98	AV	45.00	200	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.01	74.0	17.99	Peak	64.00	100	Horizontal	Pass
1**	2483.500	47.03	54.0	6.97	AV	64.00	100	Horizontal	Pass
2	2488.886	58.15	74.0	15.85	Peak	100.00	300	Horizontal	Pass
2**	2488.886	44.12	54.0	9.88	AV	100.00	300	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.892	58.42	74.0	15.58	Peak	75.00	300	Horizontal	Pass
1**	2384.892	46.02	54.0	7.98	AV	75.00	300	Horizontal	Pass
2	2390.000	55.83	74.0	18.17	Peak	241.00	300	Horizontal	Pass
2**	2390.000	45.94	54.0	8.06	AV	241.00	300	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.39	74.0	18.61	Peak	313.00	100	Horizontal	Pass
1**	2483.500	44.88	54.0	9.12	AV	313.00	100	Horizontal	Pass
2	2488.640	60.19	74.0	13.81	Peak	39.00	100	Horizontal	Pass
2**	2488.640	47.22	54.0	6.78	AV	39.00	100	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.963	57.75	74.0	16.25	Peak	280.00	100	Horizontal	Pass
1**	2383.963	46.6	54.0	7.40	AV	280.00	100	Horizontal	Pass
2	2390.000	54.91	74.0	19.09	Peak	162.00	200	Horizontal	Pass
2**	2390.000	44.57	54.0	9.43	AV	162.00	200	Horizontal	Pass

802.11ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.18	74.0	19.82	Peak	296.00	200	Horizontal	Pass
1**	2483.500	45.62	54.0	8.38	AV	296.00	200	Horizontal	Pass
2	2488.053	57.18	74.0	16.82	Peak	29.00	200	Horizontal	Pass
2**	2488.053	46.23	54.0	7.77	AV	29.00	200	Horizontal	Pass

Antenna B

802.11ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.22	74.0	18.78	Peak	295.00	200	Horizontal	Pass
1**	2483.500	46.01	54.0	7.99	AV	295.00	200	Horizontal	Pass
2	2487.450	56.99	74.0	17.01	Peak	325.00	300	Horizontal	Pass
2**	2487.450	47.86	54.0	6.14	AV	325.00	300	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.74	8
Middle	-8.44	8
High	-7.74	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.85	8
Middle	-9.60	8
High	-11.45	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.55	8
Middle	-10.58	8
High	-11.71	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.20	8
Middle	-12.94	8
High	-15.06	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.88	8
Middle	-9.88	8
High	-11.96	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.81	8
Middle	-12.72	8
High	-13.67	8

Test Plots

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



802.11g LOW CHANNEL



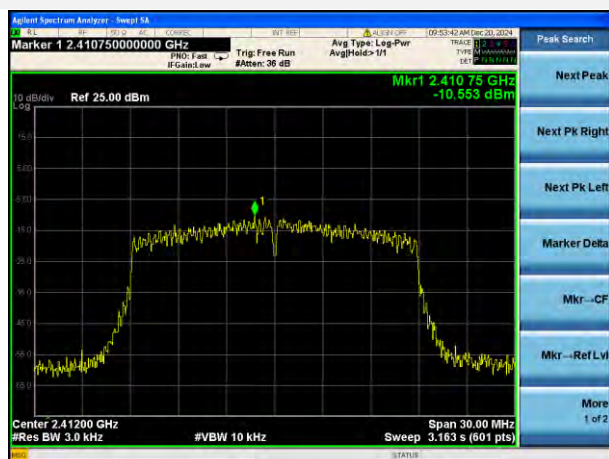
802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



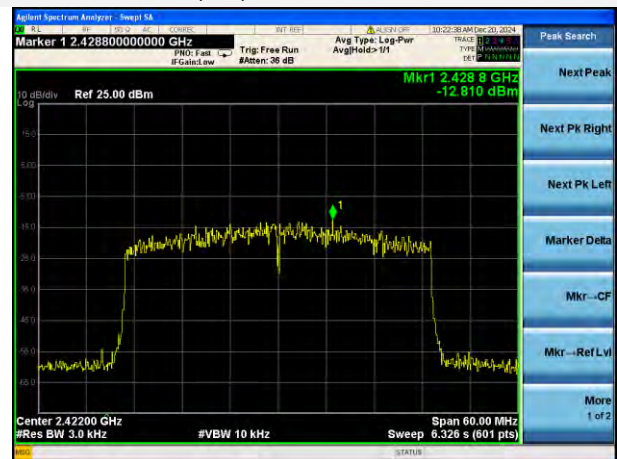
802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2571609-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2571609-AW-1.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2571609-AI-1.PDF”.

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