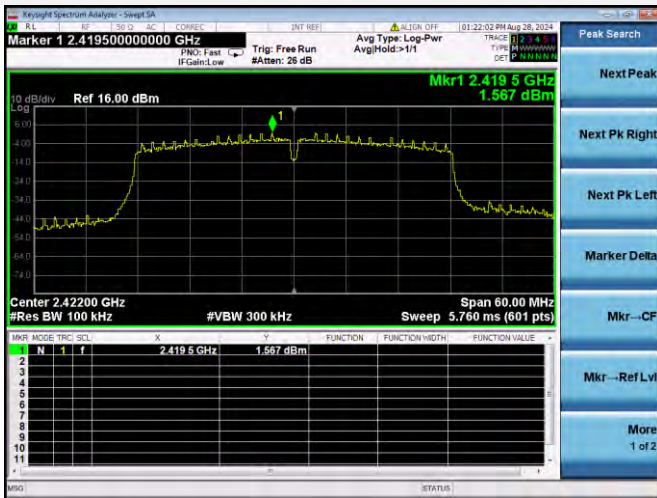
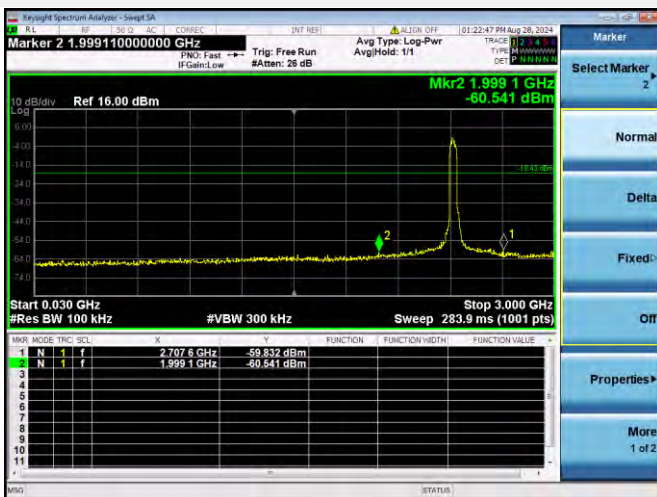
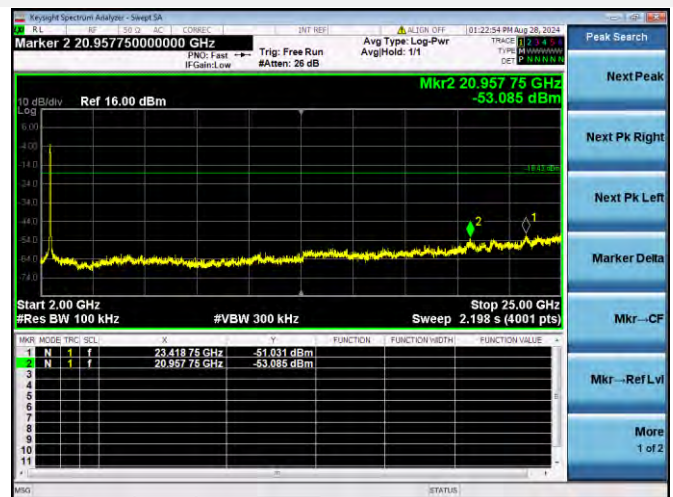
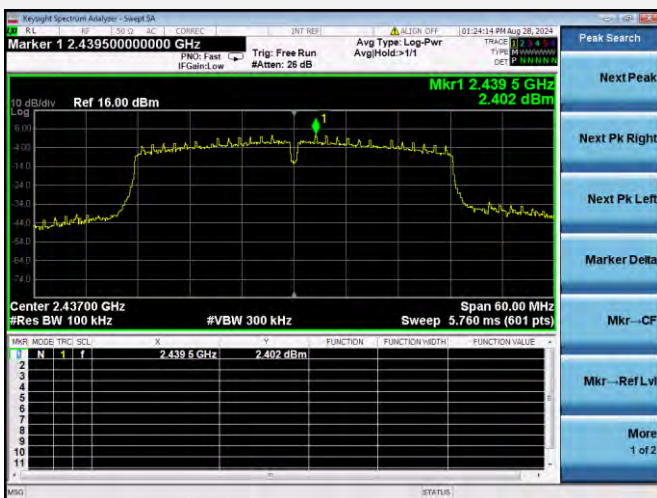


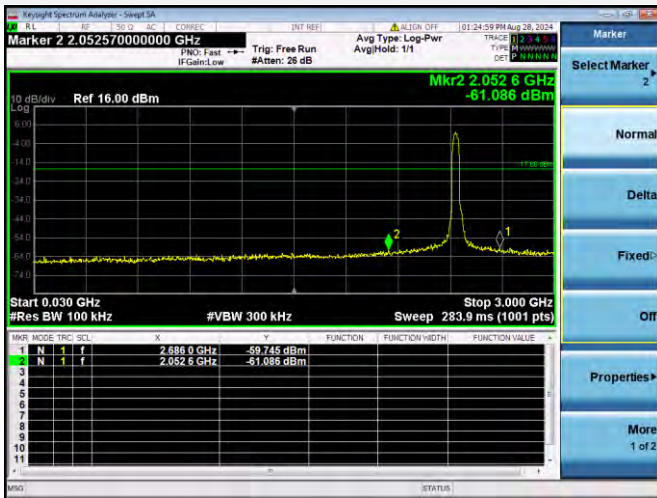
VHT-40 MHz LOW CHANNEL CARRIER LEVEL

VHT-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHzVHT-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

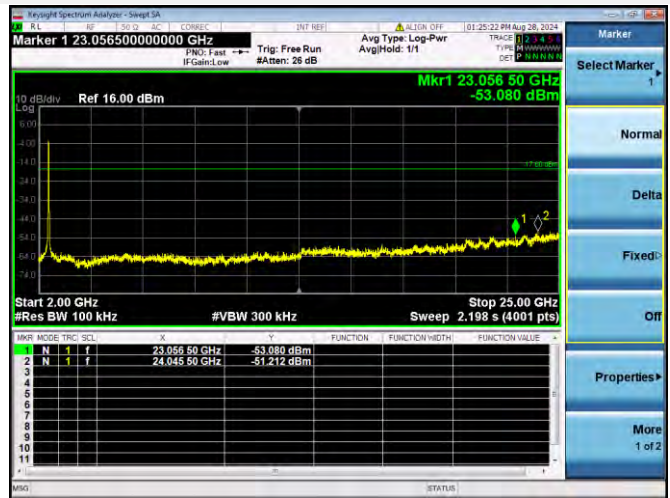
VHT-40 MHz MIDDLE CHANNEL CARRIER LEVEL



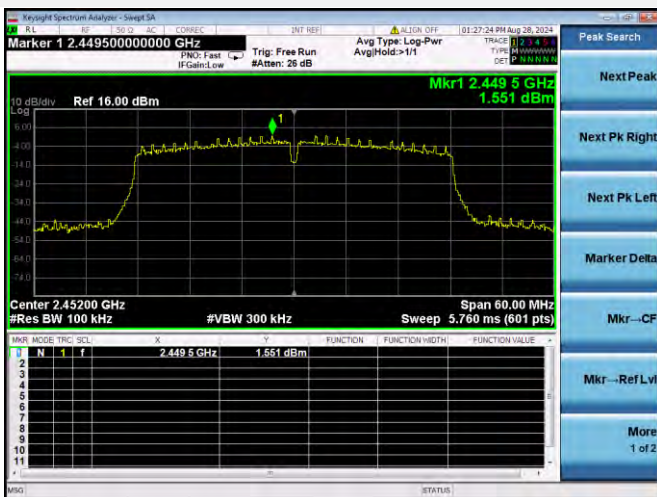
VHT-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



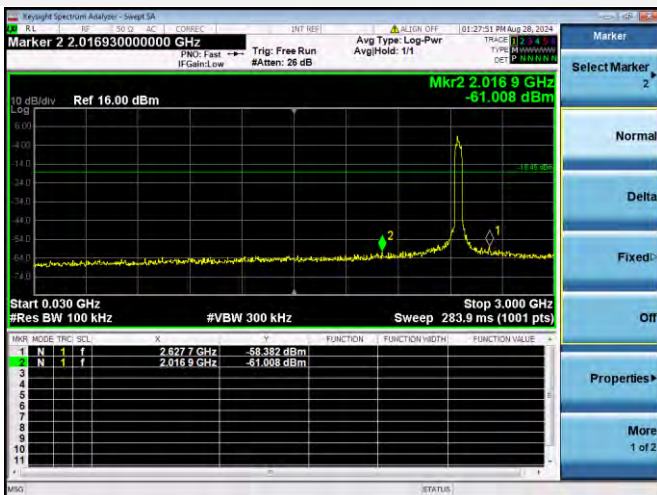
VHT-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



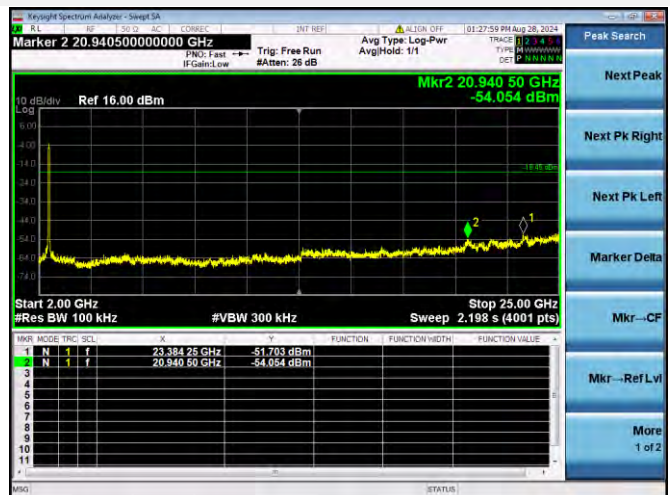
VHT-40 MHz HIGH CHANNEL CARRIER LEVEL



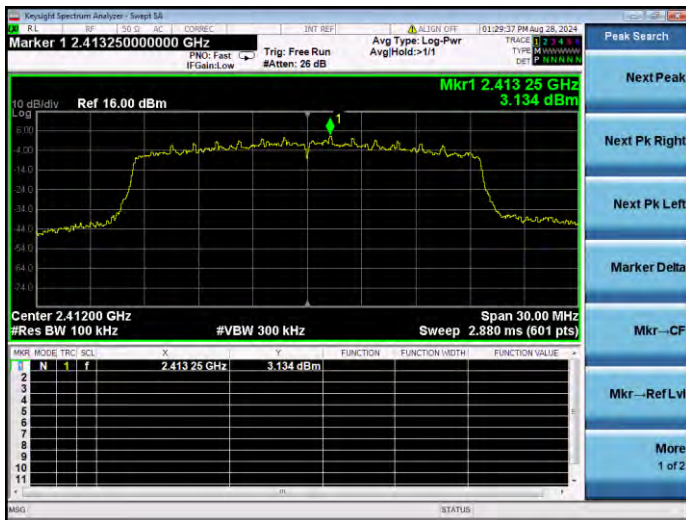
VHT-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



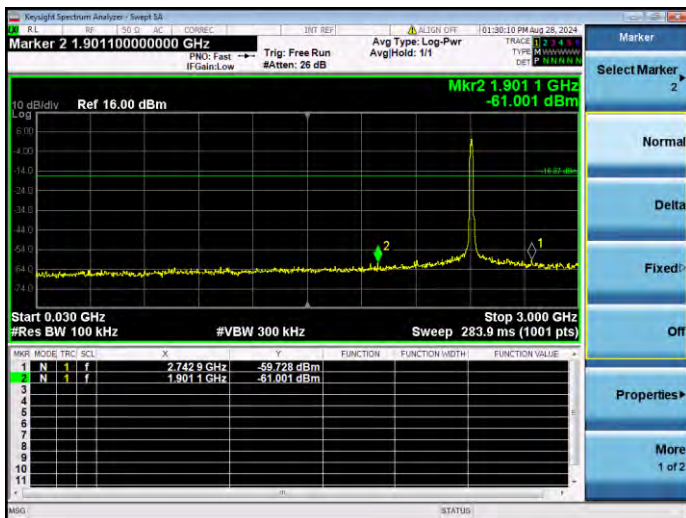
VHT-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



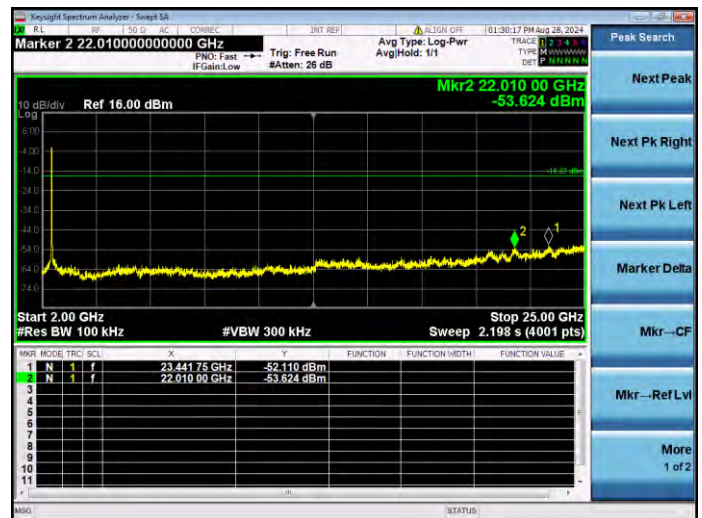
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL



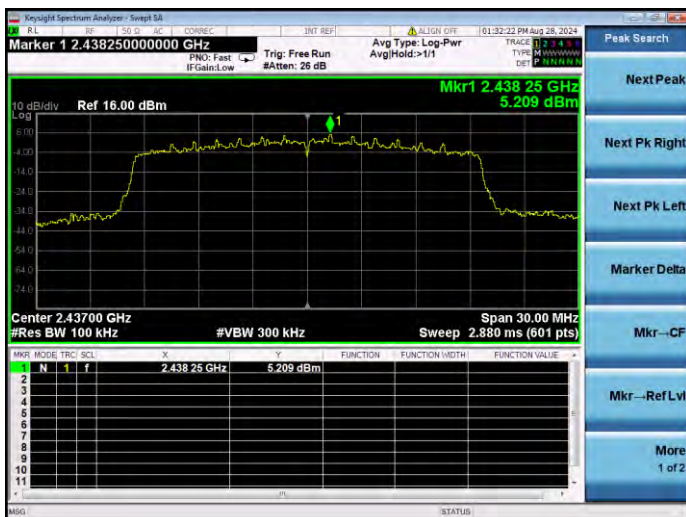
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



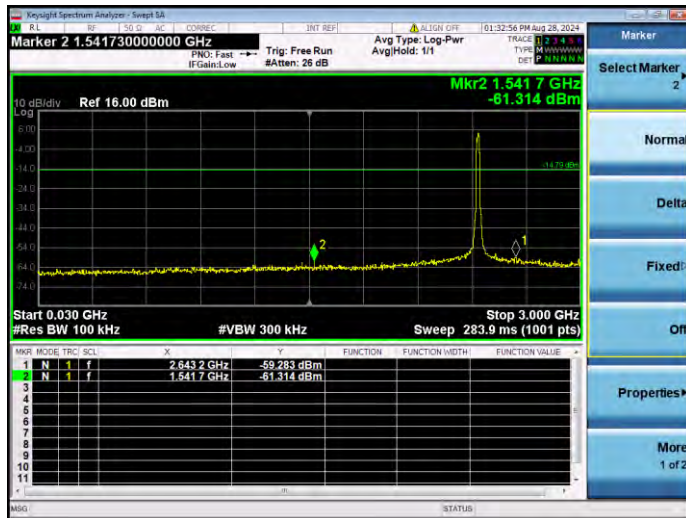
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



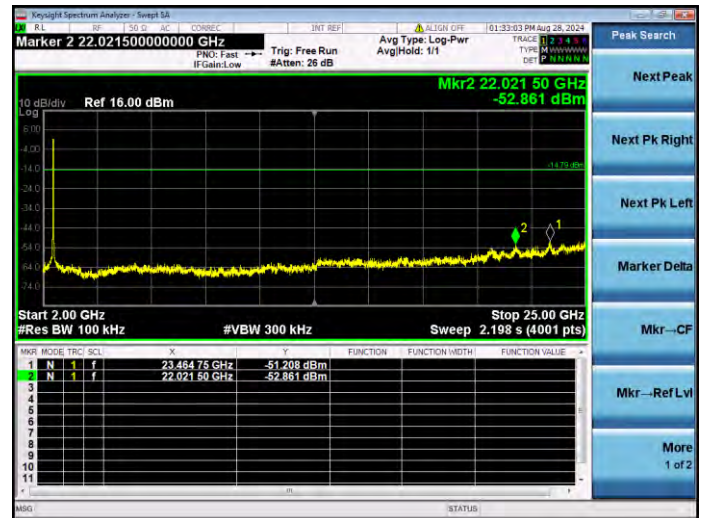
802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



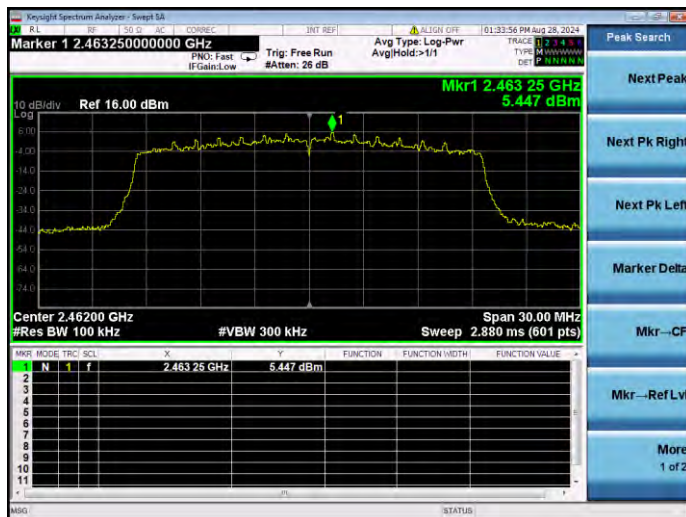
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



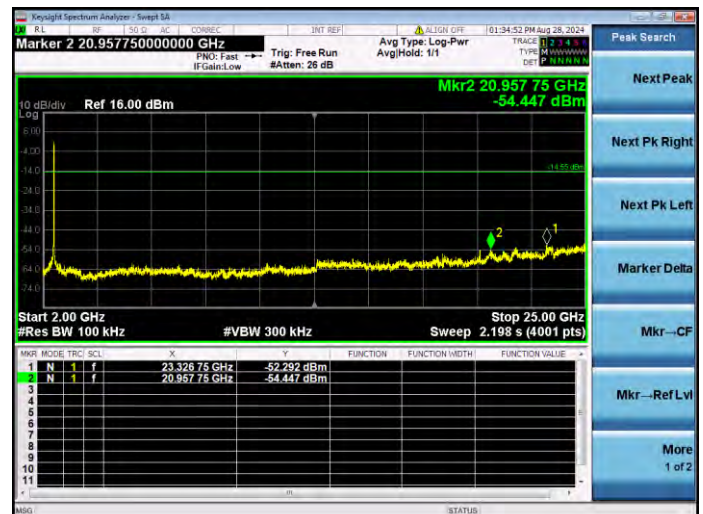
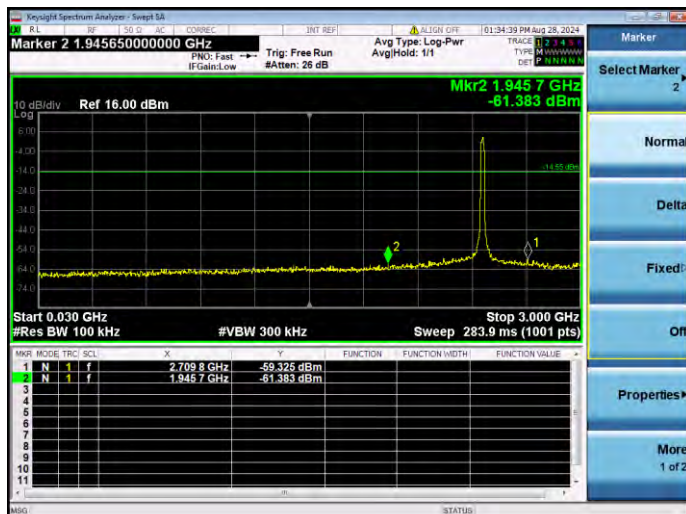
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



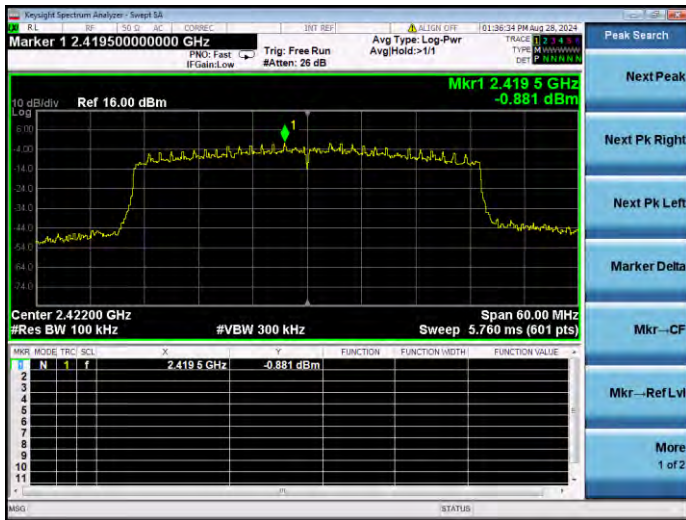
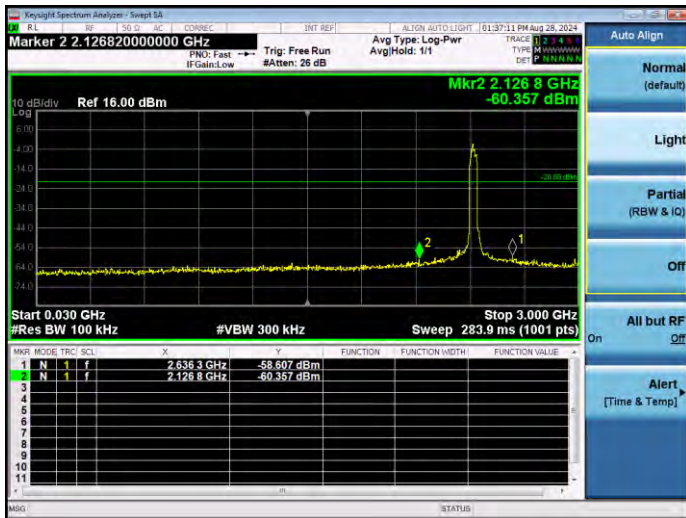
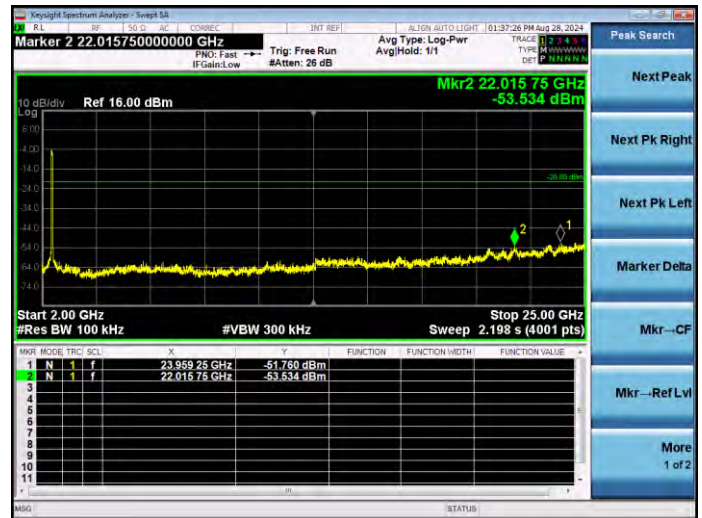
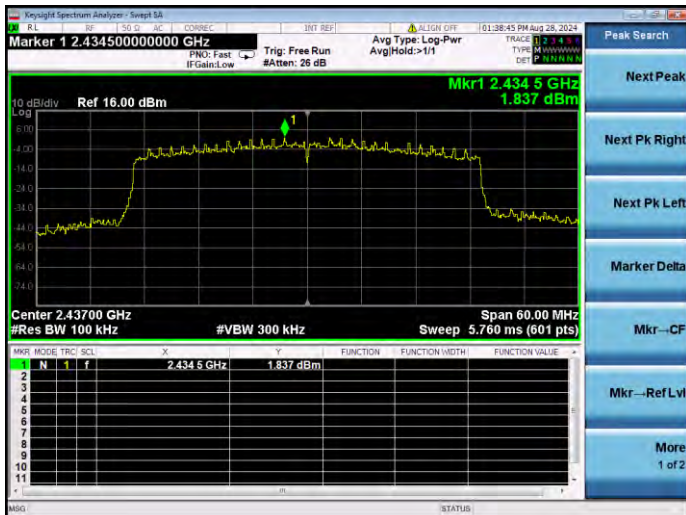
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL

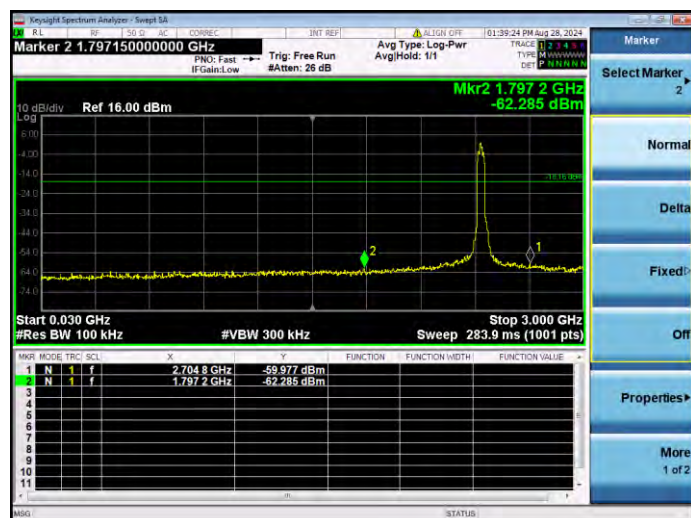
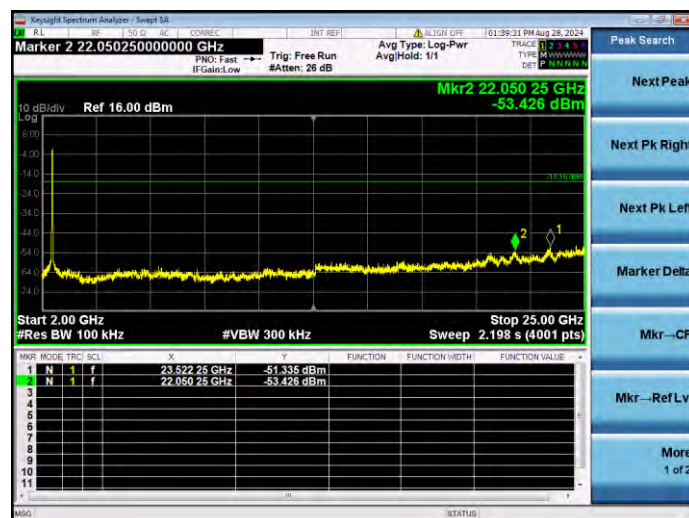
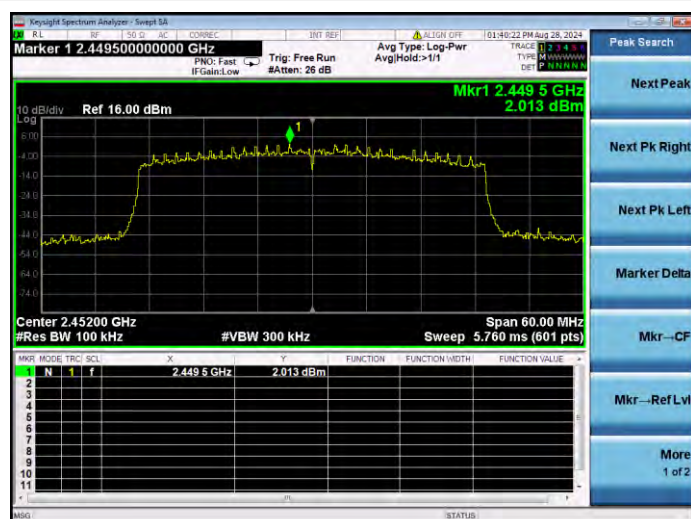
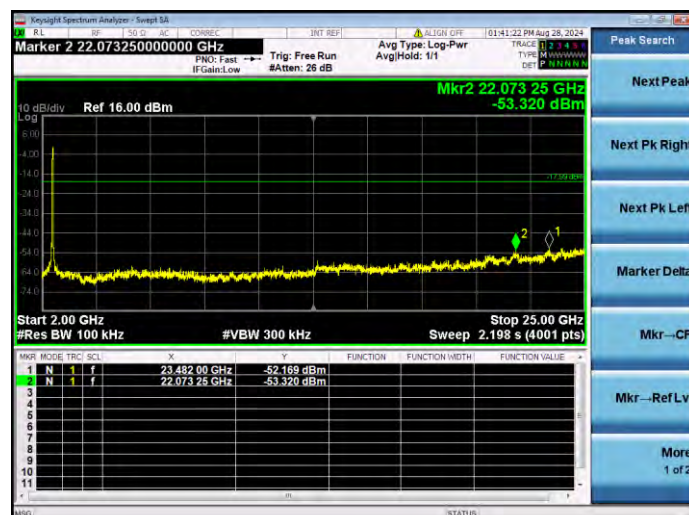
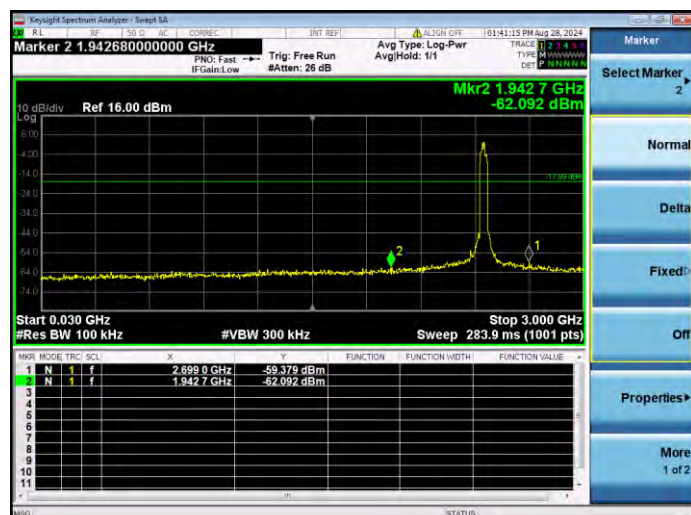


802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-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 GHz802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER
LEVEL802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 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	-37.34	7.16	-12.84	Pass
High Channel	-48.51	8.47	-11.53	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.47	4.39	-15.61	Pass
High Channel	-47.89	4.73	-15.27	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.85	4.57	-15.43	Pass
High Channel	-49.29	4.90	-15.10	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-52.26	-3.92	-23.92	Pass
High Channel	-46.16	-0.17	-20.17	Pass

VHT-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.96	5.67	-14.33	Pass
High Channel	-47.62	5.65	-14.35	Pass

VHT-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-43.71	1.57	-18.43	Pass
High Channel	-45.97	1.55	-18.45	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	-40.47	3.13	-16.87	Pass
High Channel	-48.60	5.45	-14.55	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	-46.47	-0.88	-20.88	Pass
High Channel	-46.02	2.01	-17.99	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



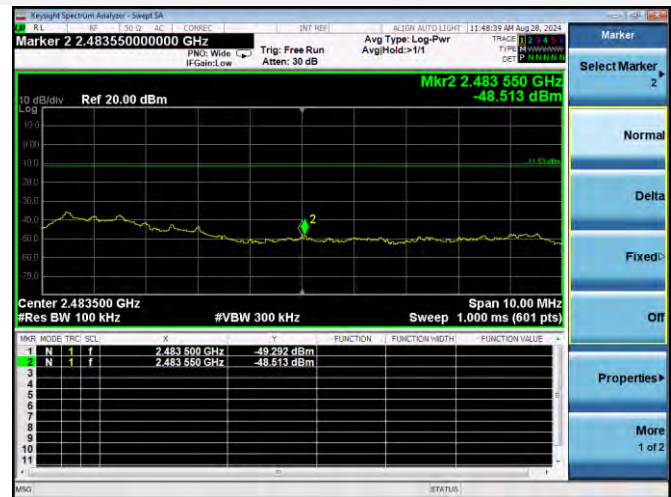
802.11b LOW CHANNEL, BAND EDGE



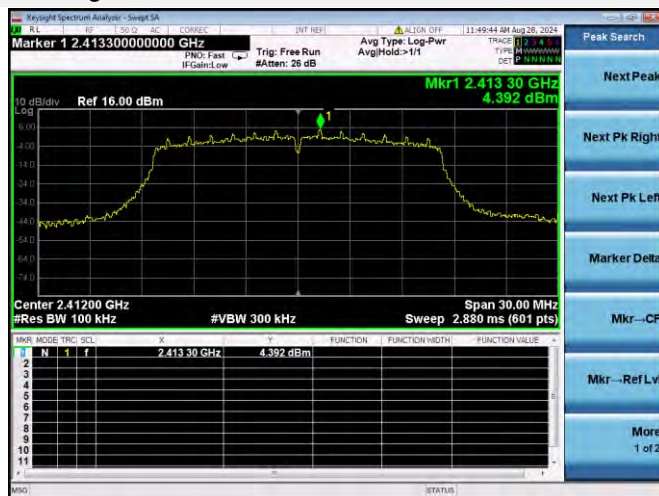
802.11b HIGH CHANNEL, CARRIER LEVEL



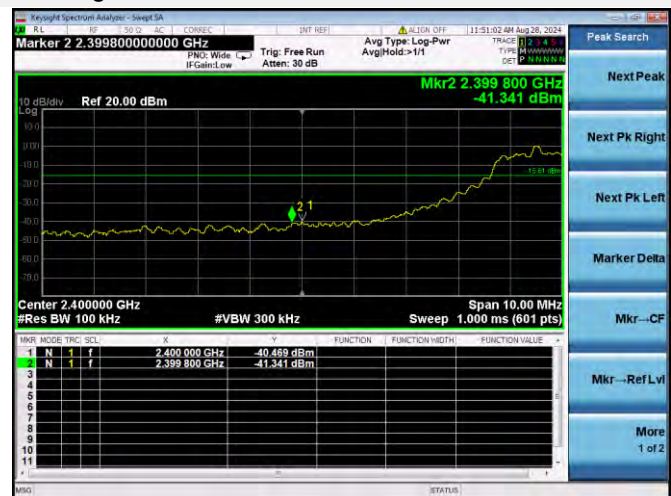
802.11b HIGH CHANNEL, BAND EDGE



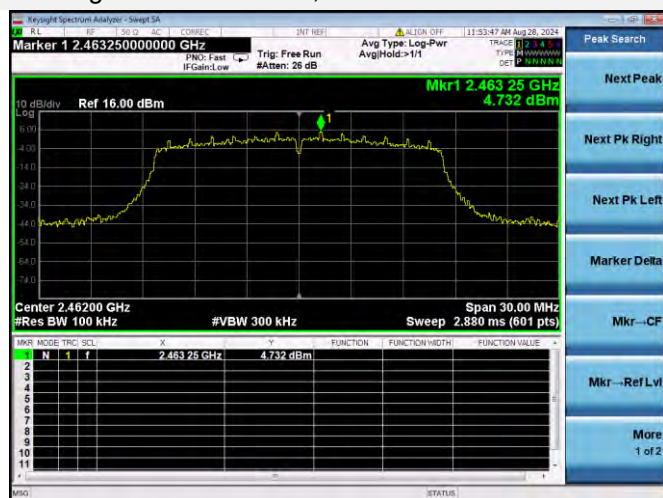
802.11g LOW CHANNEL, CARRIER LEVEL



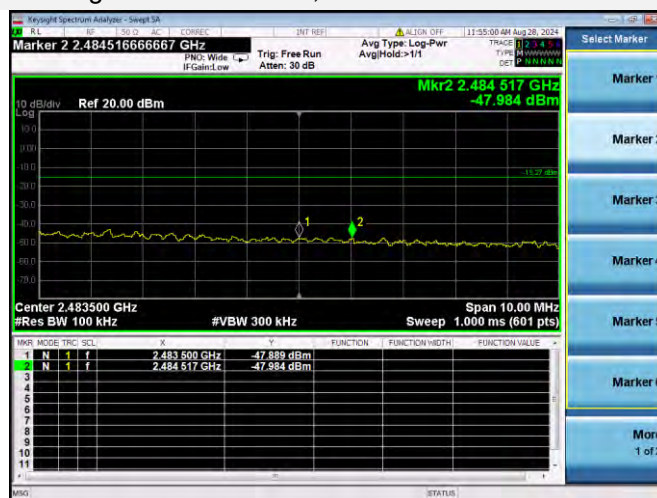
802.11g LOW CHANNEL, BAND EDGE



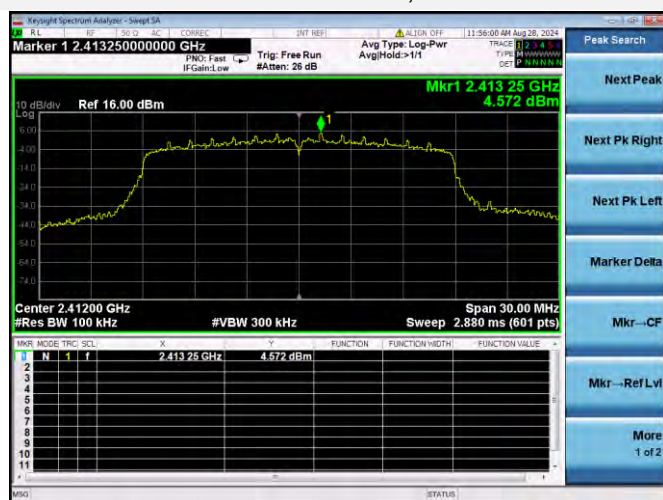
802.11g HIGH CHANNEL, CARRIER LEVEL



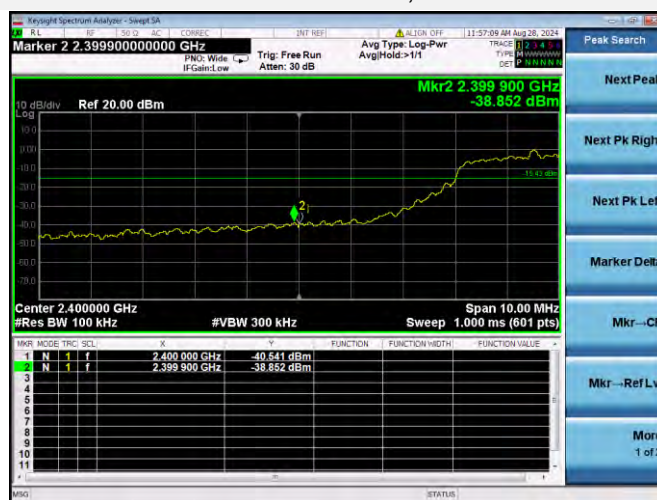
802.11g HIGH CHANNEL, BAND EDGE



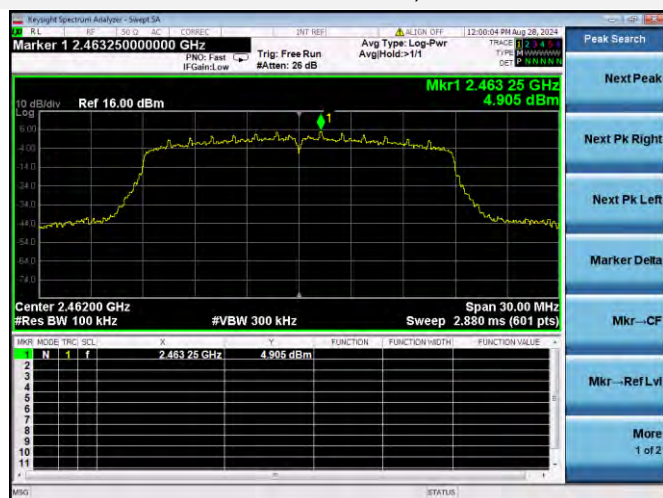
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



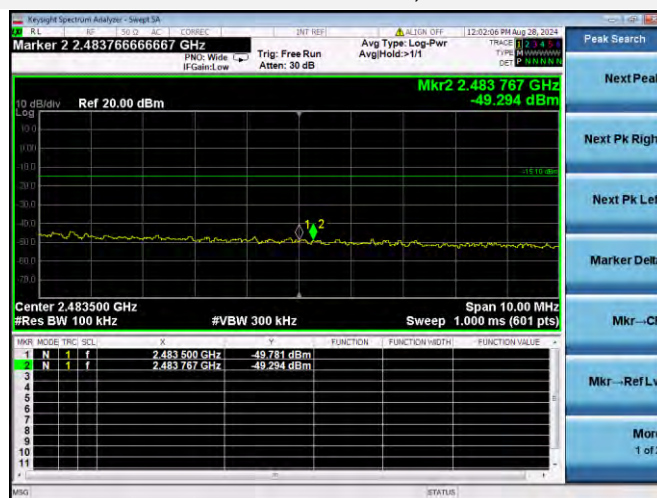
802.11n-20 MHz LOW CHANNEL, BAND EDGE



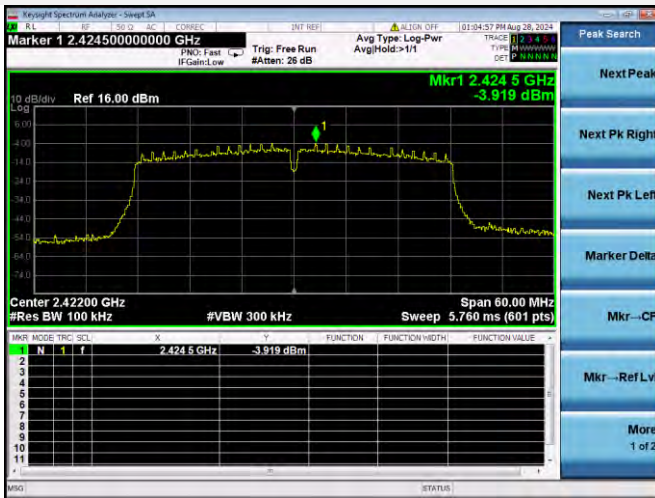
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



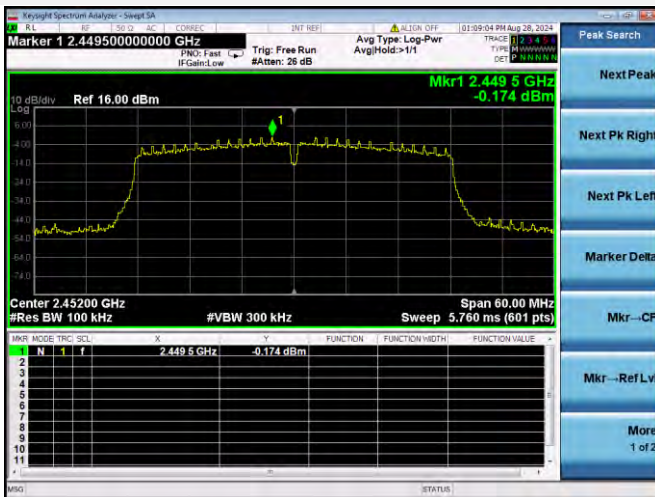
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



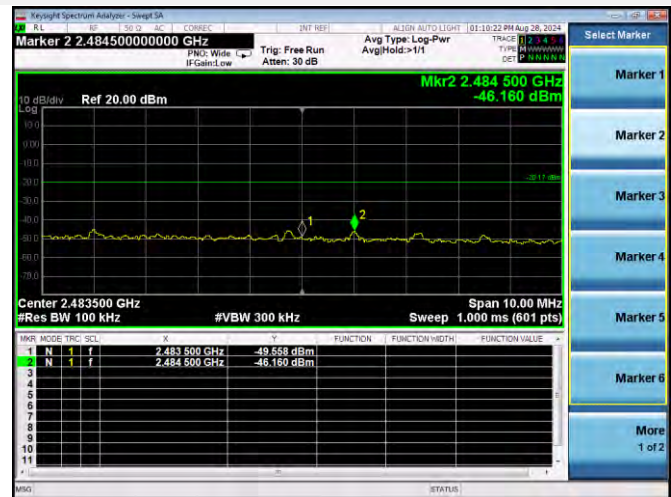
802.11n-40 MHz LOW CHANNEL, BAND EDGE



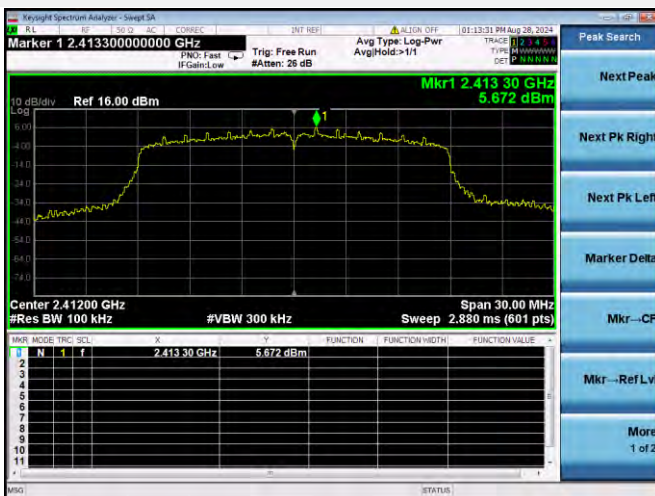
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



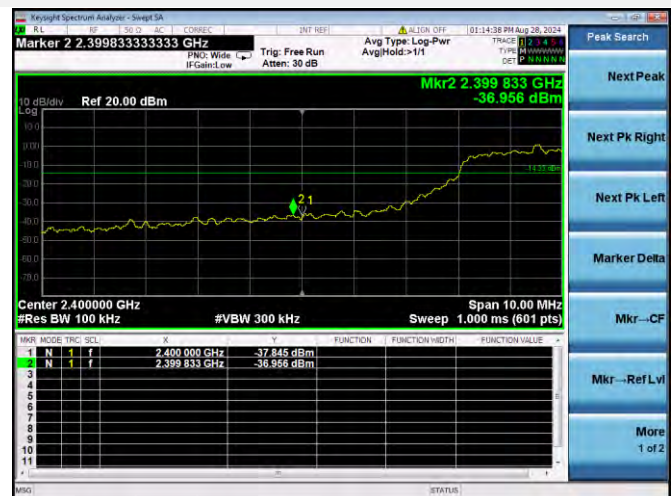
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



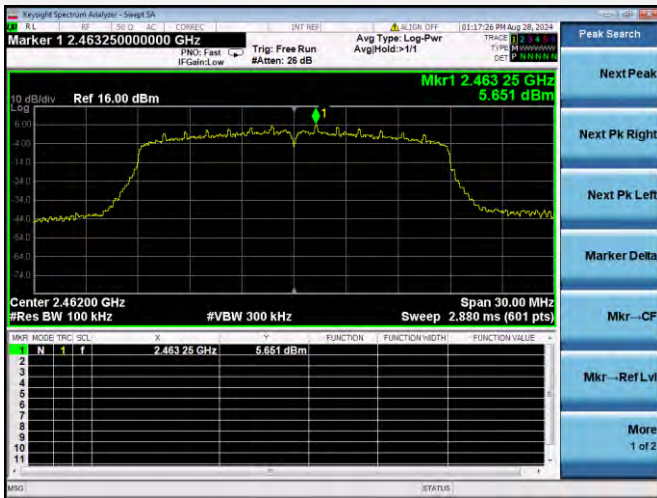
VHT-20 MHz LOW CHANNEL, CARRIER LEVEL



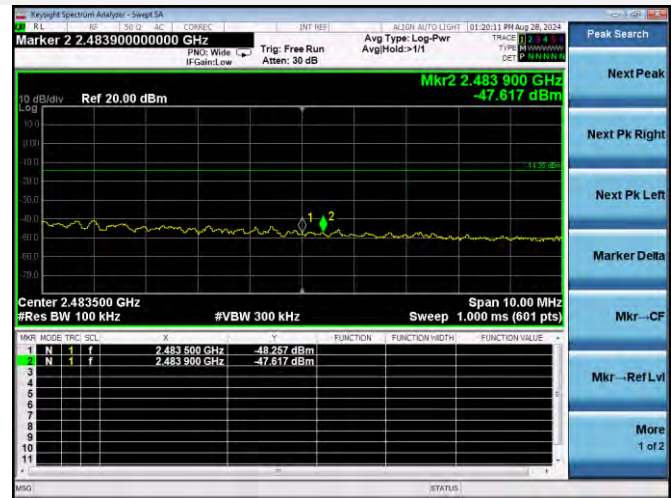
VHT-20 MHz LOW CHANNEL, BAND EDGE



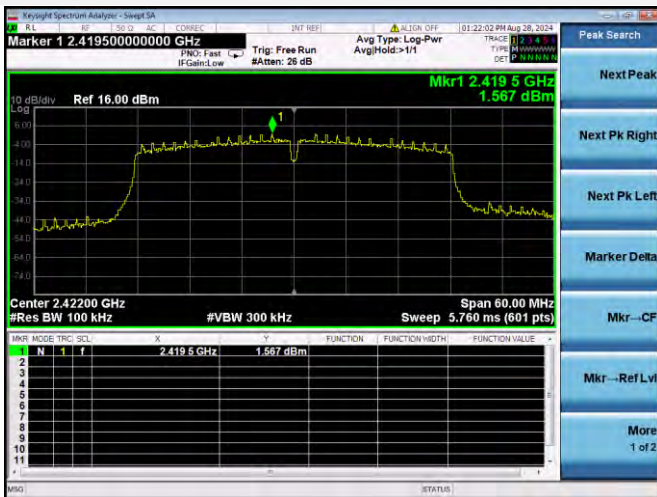
VHT-20 MHz HIGH CHANNEL, CARRIER LEVEL



VHT-20 MHz HIGH CHANNEL, BAND EDGE



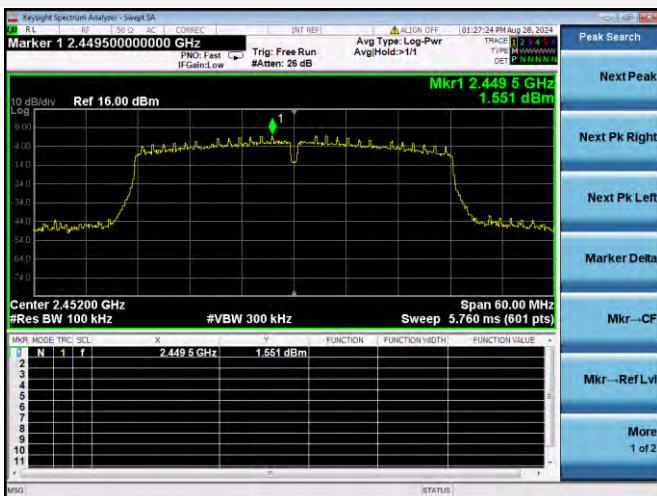
VHT-40 MHz LOW CHANNEL, CARRIER LEVEL



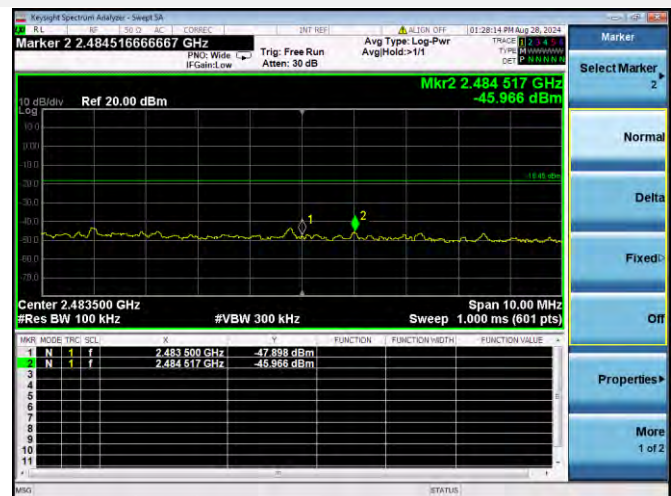
VHT-40 MHz LOW CHANNEL, BAND EDGE



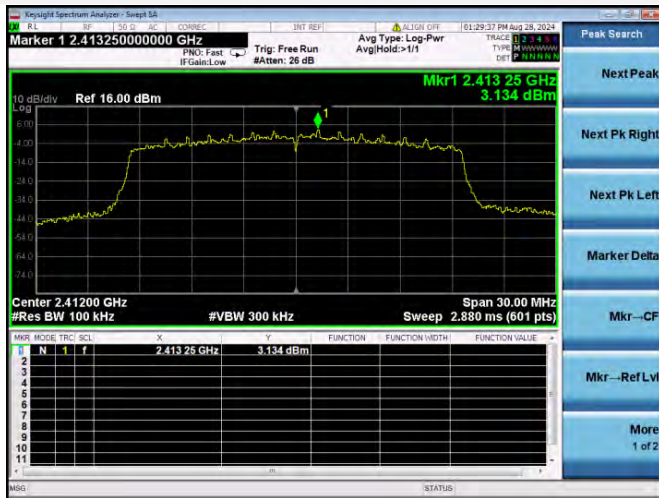
VHT-40 MHz HIGH CHANNEL, CARRIER LEVEL



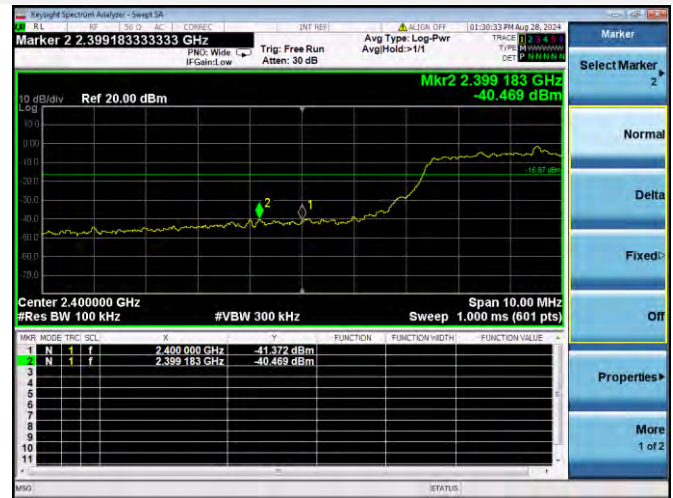
VHT-40 MHz HIGH CHANNEL, BAND EDGE



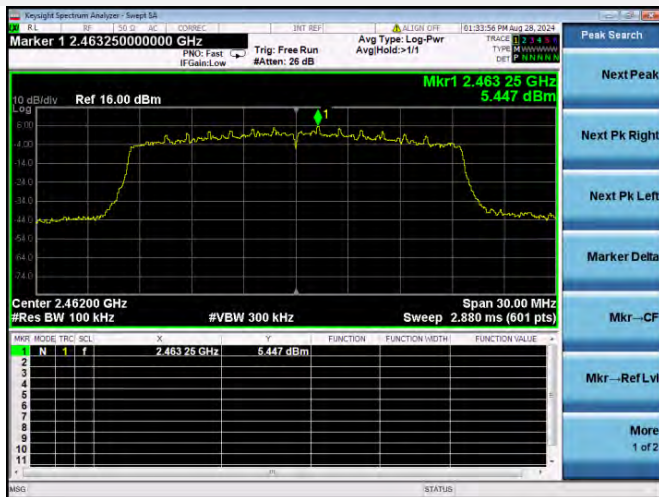
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



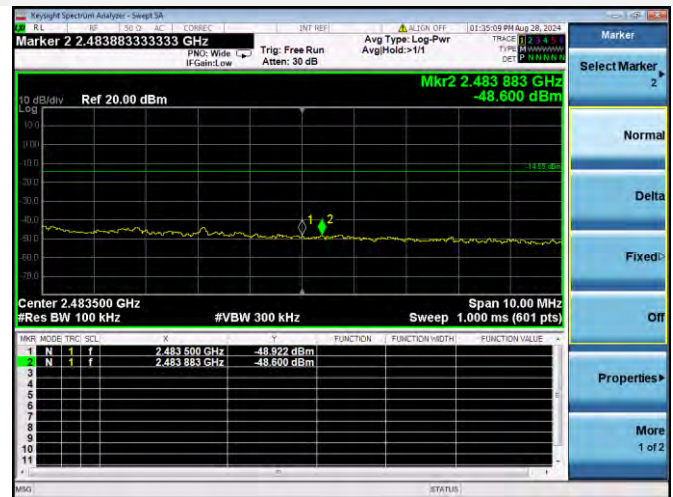
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



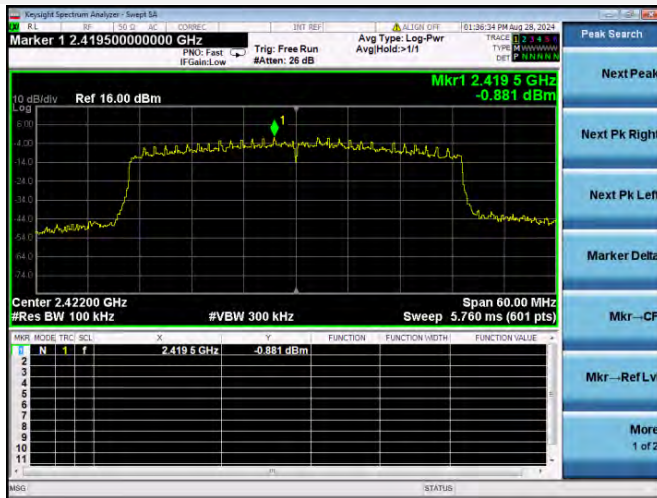
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



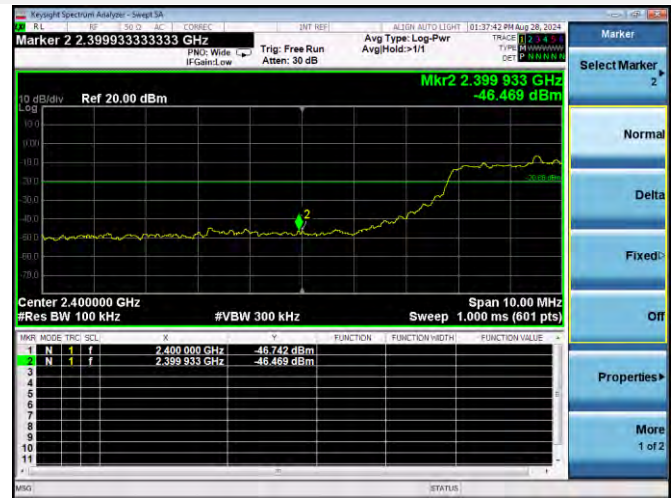
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



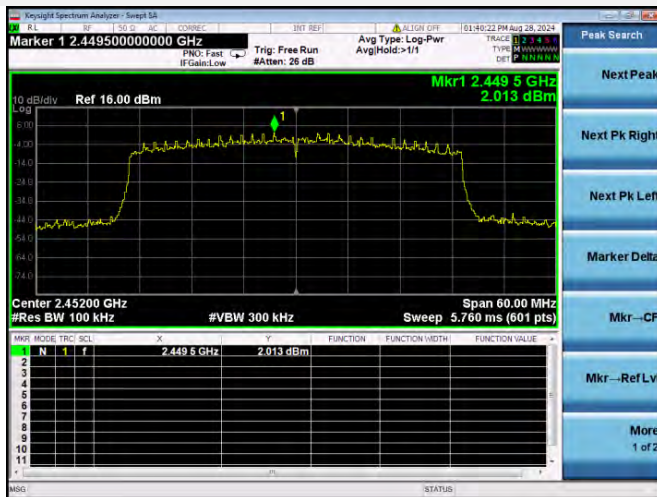
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



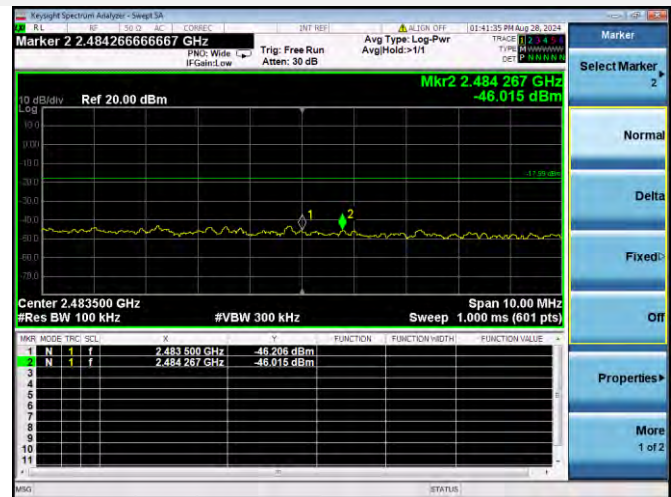
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



A.5 Conducted Emissions

Note: Not applicable.

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.

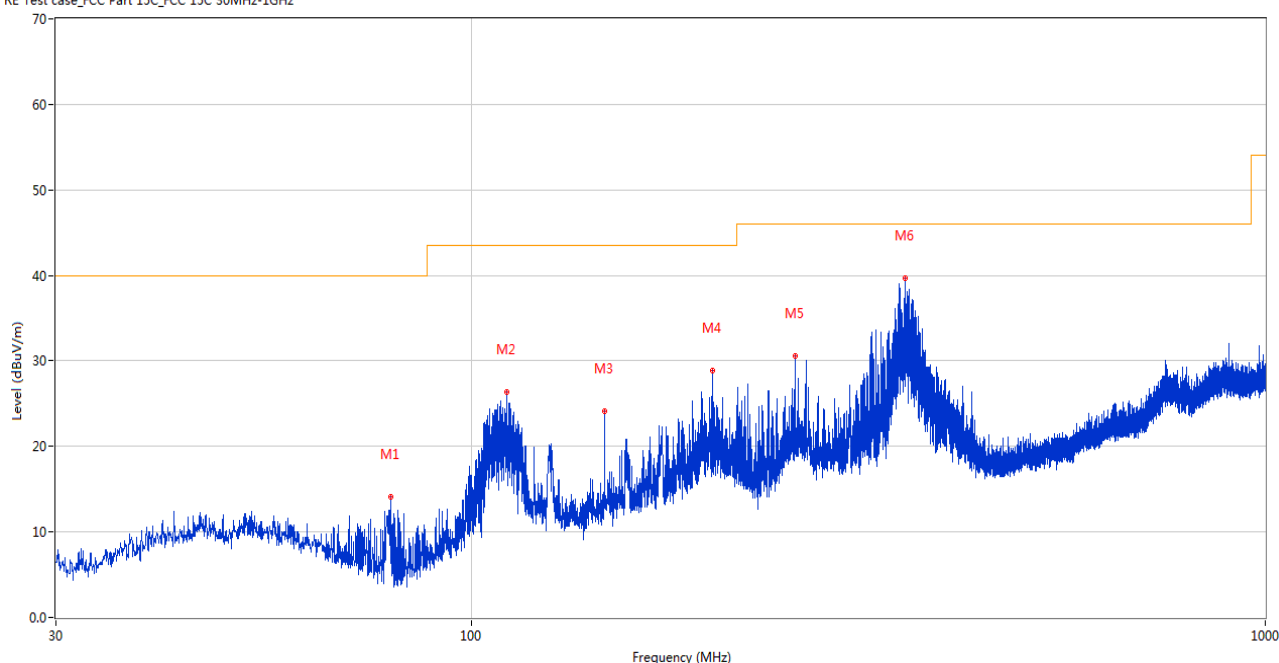
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

30 MHz to 1 GHz, ANT H

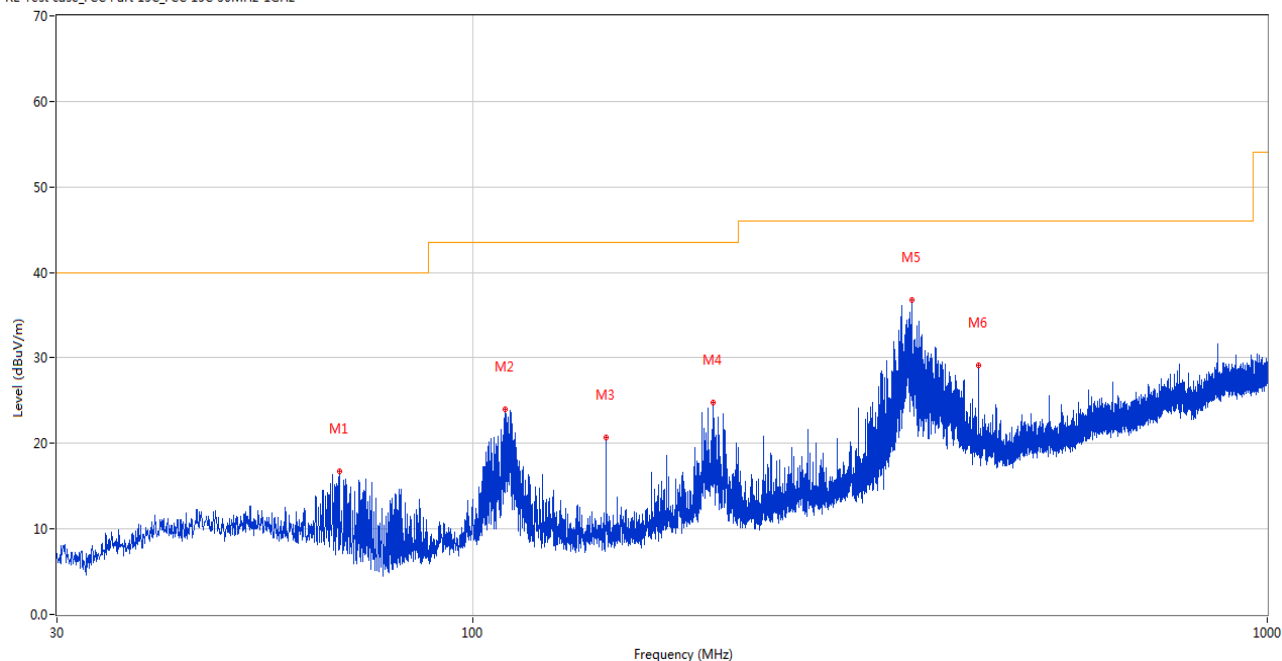
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	79.179	14.11	-31.56	40.0	25.89	Peak	275.40	100	Horizontal	Pass
2	110.801	26.37	-26.90	43.5	17.13	Peak	322.90	100	Horizontal	Pass
3	147.322	24.13	-29.94	43.5	19.37	Peak	342.60	100	Horizontal	Pass
4	201.108	28.88	-25.85	43.5	14.62	Peak	286.00	100	Horizontal	Pass
5	255.574	30.56	-24.18	46.0	15.44	Peak	286.00	100	Horizontal	Pass
6	352.428	39.70	-21.04	46.0	6.30	Peak	261.60	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_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	67.976	16.78	-28.36	40.0	23.22	Peak	138.40	100	Vertical	Pass
2	109.928	24.05	-26.92	43.5	19.45	Peak	250.30	100	Vertical	Pass
3	147.322	20.69	-29.94	43.5	22.81	Peak	62.50	100	Vertical	Pass
4	200.817	24.77	-25.80	43.5	18.73	Peak	36.60	100	Vertical	Pass
5	356.842	36.75	-21.45	46.0	9.25	Peak	208.00	100	Vertical	Pass
6	433.423	29.11	-19.92	46.0	16.89	Peak	214.90	100	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.

Note ³: All the configurations were pre tested, only the worst configuration has been reported in this report.

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	1328.144	44.18	74.0	29.82	Peak	190.00	300	Horizontal	Pass
1**	1328.144	38.36	54.0	15.64	AV	190.00	300	Horizontal	Pass
2	2998.568	47.53	74.0	26.47	Peak	130.00	200	Horizontal	Pass
2**	2998.568	40.64	54.0	13.36	AV	130.00	200	Horizontal	Pass
3	4932.502	49.24	74.0	24.76	Peak	315.00	200	Horizontal	Pass
3**	4932.502	39.45	54.0	14.55	AV	315.00	200	Horizontal	Pass
4	6809.009	55.55	74.0	18.45	Peak	6.00	400	Horizontal	Pass
4**	6809.009	45.59	54.0	8.41	AV	6.00	400	Horizontal	Pass
5	13407.903	55.80	74.0	18.20	Peak	165.00	200	Horizontal	Pass
5**	13407.903	49.51	54.0	4.49	AV	165.00	200	Horizontal	Pass
6	17425.911	53.35	74.0	20.65	Peak	286.00	400	Horizontal	Pass
6**	17425.911	44.80	54.0	9.20	AV	286.00	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	1334.569	46.68	74.0	27.32	Peak	162.00	200	Vertical	Pass
1**	1334.569	38.58	54.0	15.42	AV	162.00	200	Vertical	Pass
2	2983.560	52.39	74.0	21.61	Peak	55.00	400	Vertical	Pass
2**	2983.560	44.74	54.0	9.26	AV	55.00	400	Vertical	Pass
3	4852.298	46.98	74.0	27.02	Peak	0.00	200	Vertical	Pass
3**	4852.298	40.45	54.0	13.55	AV	0.00	200	Vertical	Pass
4	6608.490	55.68	74.0	18.32	Peak	225.00	300	Vertical	Pass
4**	6608.490	46.17	54.0	7.83	AV	225.00	300	Vertical	Pass
5	13433.852	56.00	74.0	18.00	Peak	67.00	400	Vertical	Pass
5**	13433.852	46.55	54.0	7.45	AV	67.00	400	Vertical	Pass
6	17416.836	55.51	74.0	18.49	Peak	263.00	400	Vertical	Pass
6**	17416.836	44.46	54.0	9.54	AV	263.00	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	1326.971	47.21	74.0	26.79	Peak	250.00	200	Horizontal	Pass
1**	1326.971	39.58	54.0	14.42	AV	250.00	200	Horizontal	Pass
2	2996.983	50.56	74.0	23.44	Peak	54.00	100	Horizontal	Pass
2**	2996.983	44.02	54.0	9.98	AV	54.00	100	Horizontal	Pass
3	4931.888	54.49	74.0	19.51	Peak	76.00	200	Horizontal	Pass
3**	4931.888	44.07	54.0	9.93	AV	76.00	200	Horizontal	Pass
4	6806.427	55.22	74.0	18.78	Peak	10.00	100	Horizontal	Pass
4**	6806.427	47.58	54.0	6.42	AV	10.00	100	Horizontal	Pass
5	13410.870	57.62	74.0	16.38	Peak	204.00	100	Horizontal	Pass
5**	13410.870	44.18	54.0	9.82	AV	204.00	100	Horizontal	Pass
6	17424.339	55.29	74.0	18.71	Peak	274.00	300	Horizontal	Pass
6**	17424.339	47.00	54.0	7.00	AV	274.00	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	1335.304	43.48	74.0	30.52	Peak	233.00	200	Vertical	Pass
1**	1335.304	35.20	54.0	18.80	AV	233.00	200	Vertical	Pass
2	2978.699	48.04	74.0	25.96	Peak	74.00	300	Vertical	Pass
2**	2978.699	44.57	54.0	9.43	AV	74.00	300	Vertical	Pass
3	4852.778	50.81	74.0	23.19	Peak	221.00	200	Vertical	Pass
3**	4852.778	41.13	54.0	12.87	AV	221.00	200	Vertical	Pass
4	6609.432	57.15	74.0	16.85	Peak	191.00	100	Vertical	Pass
4**	6609.432	47.03	54.0	6.97	AV	191.00	100	Vertical	Pass
5	13437.306	58.03	74.0	15.97	Peak	313.00	200	Vertical	Pass
5**	13437.306	48.33	54.0	5.67	AV	313.00	200	Vertical	Pass
6	17418.451	57.25	74.0	16.75	Peak	101.00	200	Vertical	Pass
6**	17418.451	46.73	54.0	7.27	AV	101.00	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	1326.599	45.28	74.0	28.72	Peak	89.00	100	Horizontal	Pass
1**	1326.599	38.11	54.0	15.89	AV	89.00	100	Horizontal	Pass
2	2994.795	51.76	74.0	22.24	Peak	188.00	200	Horizontal	Pass
2**	2994.795	38.57	54.0	15.43	AV	188.00	200	Horizontal	Pass
3	4933.508	49.92	74.0	24.08	Peak	212.00	200	Horizontal	Pass
3**	4933.508	40.19	54.0	13.81	AV	212.00	200	Horizontal	Pass
4	6807.278	57.22	74.0	16.78	Peak	332.00	200	Horizontal	Pass
4**	6807.278	47.52	54.0	6.48	AV	332.00	200	Horizontal	Pass
5	13413.755	56.55	74.0	17.45	Peak	92.00	200	Horizontal	Pass
5**	13413.755	47.32	54.0	6.68	AV	92.00	200	Horizontal	Pass
6	17426.519	56.63	74.0	17.37	Peak	310.00	300	Horizontal	Pass
6**	17426.519	49.60	54.0	4.40	AV	310.00	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	1336.568	43.43	74.0	30.57	Peak	124.00	100	Vertical	Pass
1**	1336.568	39.84	54.0	14.16	AV	124.00	100	Vertical	Pass
2	2985.130	52.15	74.0	21.85	Peak	171.00	300	Vertical	Pass
2**	2985.130	44.65	54.0	9.35	AV	171.00	300	Vertical	Pass
3	4853.798	50.87	74.0	23.13	Peak	213.00	200	Vertical	Pass
3**	4853.798	38.74	54.0	15.26	AV	213.00	200	Vertical	Pass
4	6608.531	56.10	74.0	17.90	Peak	59.00	400	Vertical	Pass
4**	6608.531	47.93	54.0	6.07	AV	59.00	400	Vertical	Pass
5	13437.772	56.67	74.0	17.33	Peak	199.00	400	Vertical	Pass
5**	13437.772	46.77	54.0	7.23	AV	199.00	400	Vertical	Pass
6	17419.246	57.81	74.0	16.19	Peak	342.00	200	Vertical	Pass
6**	17419.246	45.14	54.0	8.86	AV	342.00	200	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	1332.281	43.59	74.0	30.41	Peak	99.00	200	Horizontal	Pass
1**	1332.281	35.14	54.0	18.86	AV	99.00	200	Horizontal	Pass
2	2999.612	47.38	74.0	26.62	Peak	230.00	300	Horizontal	Pass
2**	2999.612	43.68	54.0	10.32	AV	230.00	300	Horizontal	Pass
3	4933.034	53.77	74.0	20.23	Peak	307.00	200	Horizontal	Pass
3**	4933.034	39.01	54.0	14.99	AV	307.00	200	Horizontal	Pass
4	6804.044	53.58	74.0	20.42	Peak	290.00	300	Horizontal	Pass
4**	6804.044	42.87	54.0	11.13	AV	290.00	300	Horizontal	Pass
5	13409.513	55.68	74.0	18.32	Peak	22.00	200	Horizontal	Pass
5**	13409.513	46.76	54.0	7.24	AV	22.00	200	Horizontal	Pass
6	17422.735	58.37	74.0	15.63	Peak	96.00	100	Horizontal	Pass
6**	17422.735	45.51	54.0	8.49	AV	96.00	100	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	1332.058	45.43	74.0	28.57	Peak	205.00	400	Vertical	Pass
1**	1332.058	37.01	54.0	16.99	AV	205.00	400	Vertical	Pass
2	2978.296	51.91	74.0	22.09	Peak	205.00	400	Vertical	Pass
2**	2978.296	39.87	54.0	14.13	AV	205.00	400	Vertical	Pass
3	4855.900	51.53	74.0	22.47	Peak	202.00	200	Vertical	Pass
3**	4855.900	42.97	54.0	11.03	AV	202.00	200	Vertical	Pass
4	6606.279	54.89	74.0	19.11	Peak	69.00	200	Vertical	Pass
4**	6606.279	44.62	54.0	9.38	AV	69.00	200	Vertical	Pass
5	13434.098	58.08	74.0	15.92	Peak	90.00	300	Vertical	Pass
5**	13434.098	45.88	54.0	8.12	AV	90.00	300	Vertical	Pass
6	17416.658	60.12	74.0	13.88	Peak	261.00	200	Vertical	Pass
6**	17416.658	45.06	54.0	8.94	AV	261.00	200	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	1328.650	42.34	74.0	31.66	Peak	144.00	400	Horizontal	Pass
1**	1328.650	37.09	54.0	16.91	AV	144.00	400	Horizontal	Pass
2	2993.660	51.79	74.0	22.21	Peak	75.00	400	Horizontal	Pass
2**	2993.660	42.37	54.0	11.63	AV	75.00	400	Horizontal	Pass
3	4933.886	52.77	74.0	21.23	Peak	205.00	200	Horizontal	Pass
3**	4933.886	44.12	54.0	9.88	AV	205.00	200	Horizontal	Pass
4	6808.412	52.66	74.0	21.34	Peak	36.00	400	Horizontal	Pass
4**	6808.412	42.89	54.0	11.11	AV	36.00	400	Horizontal	Pass
5	13412.283	54.98	74.0	19.02	Peak	249.00	300	Horizontal	Pass
5**	13412.283	47.30	54.0	6.70	AV	249.00	300	Horizontal	Pass
6	17423.346	56.66	74.0	17.34	Peak	295.00	200	Horizontal	Pass
6**	17423.346	49.03	54.0	4.97	AV	295.00	200	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	1336.209	44.35	74.0	29.65	Peak	129.00	100	Vertical	Pass
1**	1336.209	35.05	54.0	18.95	AV	129.00	100	Vertical	Pass
2	2985.817	50.90	74.0	23.10	Peak	272.00	200	Vertical	Pass
2**	2985.817	40.29	54.0	13.71	AV	272.00	200	Vertical	Pass
3	4851.711	48.25	74.0	25.75	Peak	41.00	200	Vertical	Pass
3**	4851.711	38.83	54.0	15.17	AV	41.00	200	Vertical	Pass
4	6609.396	54.33	74.0	19.67	Peak	287.00	100	Vertical	Pass
4**	6609.396	45.52	54.0	8.48	AV	287.00	100	Vertical	Pass
5	13434.074	57.09	74.0	16.91	Peak	72.00	100	Vertical	Pass
5**	13434.074	43.77	54.0	10.23	AV	72.00	100	Vertical	Pass
6	17418.935	57.70	74.0	16.30	Peak	75.00	300	Vertical	Pass
6**	17418.935	47.27	54.0	6.73	AV	75.00	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	1329.260	45.52	74.0	28.48	Peak	48.00	400	Horizontal	Pass
1**	1329.260	35.89	54.0	18.11	AV	48.00	400	Horizontal	Pass
2	2997.932	51.93	74.0	22.07	Peak	191.00	300	Horizontal	Pass
2**	2997.932	41.60	54.0	12.40	AV	191.00	300	Horizontal	Pass
3	4931.456	51.77	74.0	22.23	Peak	10.00	200	Horizontal	Pass
3**	4931.456	42.79	54.0	11.21	AV	10.00	200	Horizontal	Pass
4	6810.679	56.42	74.0	17.58	Peak	68.00	100	Horizontal	Pass
4**	6810.679	42.21	54.0	11.79	AV	68.00	100	Horizontal	Pass
5	13412.388	57.25	74.0	16.75	Peak	278.00	400	Horizontal	Pass
5**	13412.388	48.10	54.0	5.90	AV	278.00	400	Horizontal	Pass
6	17426.702	54.75	74.0	19.25	Peak	164.00	100	Horizontal	Pass
6**	17426.702	45.15	54.0	8.85	AV	164.00	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	1331.328	43.86	74.0	30.14	Peak	250.00	200	Vertical	Pass
1**	1331.328	39.38	54.0	14.62	AV	250.00	200	Vertical	Pass
2	2983.348	51.67	74.0	22.33	Peak	98.00	300	Vertical	Pass
2**	2983.348	38.81	54.0	15.19	AV	98.00	300	Vertical	Pass
3	4856.963	50.78	74.0	23.22	Peak	238.00	200	Vertical	Pass
3**	4856.963	39.98	54.0	14.02	AV	238.00	200	Vertical	Pass
4	6605.952	54.59	74.0	19.41	Peak	177.00	300	Vertical	Pass
4**	6605.952	43.39	54.0	10.61	AV	177.00	300	Vertical	Pass
5	13432.591	54.49	74.0	19.51	Peak	2.00	300	Vertical	Pass
5**	13432.591	45.09	54.0	8.91	AV	2.00	300	Vertical	Pass
6	17417.750	54.98	74.0	19.02	Peak	66.00	200	Vertical	Pass
6**	17417.750	47.30	54.0	6.70	AV	66.00	200	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	1332.671	41.80	74.0	32.20	Peak	313.00	100	Horizontal	Pass
1**	1332.671	36.62	54.0	17.38	AV	313.00	100	Horizontal	Pass
2	2995.669	52.40	74.0	21.60	Peak	201.00	100	Horizontal	Pass
2**	2995.669	43.19	54.0	10.81	AV	201.00	100	Horizontal	Pass
3	4934.729	49.06	74.0	24.94	Peak	104.00	200	Horizontal	Pass
3**	4934.729	41.34	54.0	12.66	AV	104.00	200	Horizontal	Pass
4	6803.629	57.21	74.0	16.79	Peak	107.00	300	Horizontal	Pass
4**	6803.629	47.42	54.0	6.58	AV	107.00	300	Horizontal	Pass
5	13408.048	55.38	74.0	18.62	Peak	246.00	400	Horizontal	Pass
5**	13408.048	47.20	54.0	6.80	AV	246.00	400	Horizontal	Pass
6	17426.522	55.40	74.0	18.60	Peak	145.00	400	Horizontal	Pass
6**	17426.522	48.44	54.0	5.56	AV	145.00	400	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	1335.179	44.79	74.0	29.21	Peak	139.00	100	Vertical	Pass
1**	1335.179	36.37	54.0	17.63	AV	139.00	100	Vertical	Pass
2	2981.697	50.18	74.0	23.82	Peak	328.00	400	Vertical	Pass
2**	2981.697	40.58	54.0	13.42	AV	328.00	400	Vertical	Pass
3	4855.465	48.51	74.0	25.49	Peak	115.00	200	Vertical	Pass
3**	4855.465	39.35	54.0	14.65	AV	115.00	200	Vertical	Pass
4	6608.255	52.01	74.0	21.99	Peak	270.00	300	Vertical	Pass
4**	6608.255	47.32	54.0	6.68	AV	270.00	300	Vertical	Pass
5	13438.431	57.95	74.0	16.05	Peak	307.00	100	Vertical	Pass
5**	13438.431	47.04	54.0	6.96	AV	307.00	100	Vertical	Pass
6	17420.647	56.05	74.0	17.95	Peak	302.00	400	Vertical	Pass
6**	17420.647	47.93	54.0	6.07	AV	302.00	400	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	1333.397	44.42	74.0	29.58	Peak	301.00	200	Horizontal	Pass
1**	1333.397	37.63	54.0	16.37	AV	301.00	200	Horizontal	Pass
2	3000.240	48.69	74.0	25.31	Peak	329.00	300	Horizontal	Pass
2**	3000.240	43.86	54.0	10.14	AV	329.00	300	Horizontal	Pass
3	4934.910	48.86	74.0	25.14	Peak	205.00	200	Horizontal	Pass
3**	4934.910	42.23	54.0	11.77	AV	205.00	200	Horizontal	Pass
4	6807.334	54.52	74.0	19.48	Peak	128.00	200	Horizontal	Pass
4**	6807.334	42.04	54.0	11.96	AV	128.00	200	Horizontal	Pass
5	13412.060	56.45	74.0	17.55	Peak	214.00	300	Horizontal	Pass
5**	13412.060	48.88	54.0	5.12	AV	214.00	300	Horizontal	Pass
6	17428.329	53.77	74.0	20.23	Peak	52.00	400	Horizontal	Pass
6**	17428.329	48.05	54.0	5.95	AV	52.00	400	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	1334.084	42.62	74.0	31.38	Peak	96.00	300	Vertical	Pass
1**	1334.084	36.21	54.0	17.79	AV	96.00	300	Vertical	Pass
2	2985.327	52.98	74.0	21.02	Peak	255.00	300	Vertical	Pass
2**	2985.327	40.81	54.0	13.19	AV	255.00	300	Vertical	Pass
3	4856.486	46.78	74.0	27.22	Peak	337.00	200	Vertical	Pass
3**	4856.486	41.66	54.0	12.34	AV	337.00	200	Vertical	Pass
4	6605.556	51.76	74.0	22.24	Peak	358.00	300	Vertical	Pass
4**	6605.556	45.17	54.0	8.83	AV	358.00	300	Vertical	Pass
5	13435.093	56.25	74.0	17.75	Peak	330.00	100	Vertical	Pass
5**	13435.093	49.25	54.0	4.75	AV	330.00	100	Vertical	Pass
6	17414.121	56.33	74.0	17.67	Peak	195.00	200	Vertical	Pass
6**	17414.121	46.20	54.0	7.80	AV	195.00	200	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	1329.839	42.54	74.0	31.46	Peak	248.00	300	Horizontal	Pass
1**	1329.839	33.90	54.0	20.10	AV	248.00	300	Horizontal	Pass
2	2996.644	51.43	74.0	22.57	Peak	352.00	100	Horizontal	Pass
2**	2996.644	39.62	54.0	14.38	AV	352.00	100	Horizontal	Pass
3	4932.587	54.29	74.0	19.71	Peak	357.00	200	Horizontal	Pass
3**	4932.587	43.73	54.0	10.27	AV	357.00	200	Horizontal	Pass
4	6806.745	56.26	74.0	17.74	Peak	319.00	400	Horizontal	Pass
4**	6806.745	47.39	54.0	6.61	AV	319.00	400	Horizontal	Pass
5	13412.608	58.13	74.0	15.87	Peak	277.00	400	Horizontal	Pass
5**	13412.608	49.31	54.0	4.69	AV	277.00	400	Horizontal	Pass
6	17422.521	55.52	74.0	18.48	Peak	250.00	100	Horizontal	Pass
6**	17422.521	44.77	54.0	9.23	AV	250.00	100	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	1336.019	44.67	74.0	29.33	Peak	154.00	200	Vertical	Pass
1**	1336.019	37.82	54.0	16.18	AV	154.00	200	Vertical	Pass
2	2983.736	48.62	74.0	25.38	Peak	63.00	200	Vertical	Pass
2**	2983.736	40.68	54.0	13.32	AV	63.00	200	Vertical	Pass
3	4857.052	46.82	74.0	27.18	Peak	247.00	200	Vertical	Pass
3**	4857.052	41.70	54.0	12.30	AV	247.00	200	Vertical	Pass
4	6609.289	54.22	74.0	19.78	Peak	95.00	100	Vertical	Pass
4**	6609.289	42.61	54.0	11.39	AV	95.00	100	Vertical	Pass
5	13431.947	55.39	74.0	18.61	Peak	276.00	300	Vertical	Pass
5**	13431.947	44.63	54.0	9.37	AV	276.00	300	Vertical	Pass
6	17416.291	56.45	74.0	17.55	Peak	167.00	200	Vertical	Pass
6**	17416.291	48.72	54.0	5.28	AV	167.00	200	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	1329.292	47.29	74.0	26.71	Peak	77.00	200	Horizontal	Pass
1**	1329.292	35.20	54.0	18.80	AV	77.00	200	Horizontal	Pass
2	2999.692	50.57	74.0	23.43	Peak	273.00	400	Horizontal	Pass
2**	2999.692	42.38	54.0	11.62	AV	273.00	400	Horizontal	Pass
3	4936.668	51.38	74.0	22.62	Peak	199.00	200	Horizontal	Pass
3**	4936.668	40.53	54.0	13.47	AV	199.00	200	Horizontal	Pass
4	6806.664	56.72	74.0	17.28	Peak	311.00	300	Horizontal	Pass
4**	6806.664	46.74	54.0	7.26	AV	311.00	300	Horizontal	Pass
5	13412.900	55.00	74.0	19.00	Peak	58.00	400	Horizontal	Pass
5**	13412.900	46.84	54.0	7.16	AV	58.00	400	Horizontal	Pass
6	17425.731	57.43	74.0	16.57	Peak	140.00	100	Horizontal	Pass
6**	17425.731	50.21	54.0	3.79	AV	140.00	100	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	1336.322	47.53	74.0	26.47	Peak	203.00	100	Vertical	Pass
1**	1336.322	38.87	54.0	15.13	AV	203.00	100	Vertical	Pass
2	2979.535	52.17	74.0	21.83	Peak	32.00	200	Vertical	Pass
2**	2979.535	39.73	54.0	14.27	AV	32.00	200	Vertical	Pass
3	4858.107	51.63	74.0	22.37	Peak	39.00	200	Vertical	Pass
3**	4858.107	38.98	54.0	15.02	AV	39.00	200	Vertical	Pass
4	6609.576	53.84	74.0	20.16	Peak	119.00	300	Vertical	Pass
4**	6609.576	45.06	54.0	8.94	AV	119.00	300	Vertical	Pass
5	13432.703	57.85	74.0	16.15	Peak	146.00	300	Vertical	Pass
5**	13432.703	44.53	54.0	9.47	AV	146.00	300	Vertical	Pass
6	17414.869	54.25	74.0	19.75	Peak	357.00	400	Vertical	Pass
6**	17414.869	47.58	54.0	6.42	AV	357.00	400	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	1331.001	46.11	74.0	27.89	Peak	79.00	400	Horizontal	Pass
1**	1331.001	36.74	54.0	17.26	AV	79.00	400	Horizontal	Pass
2	2998.845	49.04	74.0	24.96	Peak	148.00	100	Horizontal	Pass
2**	2998.845	41.96	54.0	12.04	AV	148.00	100	Horizontal	Pass
3	4935.606	52.36	74.0	21.64	Peak	174.00	200	Horizontal	Pass
3**	4935.606	39.68	54.0	14.32	AV	174.00	200	Horizontal	Pass
4	6806.455	51.79	74.0	22.21	Peak	312.00	200	Horizontal	Pass
4**	6806.455	43.19	54.0	10.81	AV	312.00	200	Horizontal	Pass
5	13411.427	54.79	74.0	19.21	Peak	85.00	100	Horizontal	Pass
5**	13411.427	49.25	54.0	4.75	AV	85.00	100	Horizontal	Pass
6	17427.873	58.35	74.0	15.65	Peak	359.00	200	Horizontal	Pass
6**	17427.873	50.45	54.0	3.55	AV	359.00	200	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	1329.639	44.23	74.0	29.77	Peak	180.00	400	Vertical	Pass
1**	1329.639	35.33	54.0	18.67	AV	180.00	400	Vertical	Pass
2	2985.614	48.35	74.0	25.65	Peak	357.00	300	Vertical	Pass
2**	2985.614	41.77	54.0	12.23	AV	357.00	300	Vertical	Pass
3	4851.637	50.08	74.0	23.92	Peak	11.00	200	Vertical	Pass
3**	4851.637	39.90	54.0	14.10	AV	11.00	200	Vertical	Pass
4	6607.478	53.34	74.0	20.66	Peak	268.00	100	Vertical	Pass
4**	6607.478	46.25	54.0	7.75	AV	268.00	100	Vertical	Pass
5	13438.734	53.65	74.0	20.35	Peak	170.00	300	Vertical	Pass
5**	13438.734	45.83	54.0	8.17	AV	170.00	300	Vertical	Pass
6	17413.840	56.48	74.0	17.52	Peak	190.00	400	Vertical	Pass
6**	17413.840	45.17	54.0	8.83	AV	190.00	400	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	1332.510	41.89	74.0	32.11	Peak	284.00	300	Horizontal	Pass
1**	1332.510	38.13	54.0	15.87	AV	284.00	300	Horizontal	Pass
2	2999.345	50.89	74.0	23.11	Peak	34.00	200	Horizontal	Pass
2**	2999.345	41.94	54.0	12.06	AV	34.00	200	Horizontal	Pass
3	4932.748	51.53	74.0	22.47	Peak	214.00	200	Horizontal	Pass
3**	4932.748	44.18	54.0	9.82	AV	214.00	200	Horizontal	Pass
4	6810.905	56.20	74.0	17.80	Peak	68.00	300	Horizontal	Pass
4**	6810.905	47.35	54.0	6.65	AV	68.00	300	Horizontal	Pass
5	13409.450	54.87	74.0	19.13	Peak	66.00	400	Horizontal	Pass
5**	13409.450	45.37	54.0	8.63	AV	66.00	400	Horizontal	Pass
6	17427.291	56.00	74.0	18.00	Peak	260.00	400	Horizontal	Pass
6**	17427.291	44.63	54.0	9.37	AV	260.00	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	1332.740	47.16	74.0	26.84	Peak	61.00	100	Vertical	Pass
1**	1332.740	39.00	54.0	15.00	AV	61.00	100	Vertical	Pass
2	2980.332	51.47	74.0	22.53	Peak	345.00	400	Vertical	Pass
2**	2980.332	43.62	54.0	10.38	AV	345.00	400	Vertical	Pass
3	4852.496	47.34	74.0	26.66	Peak	177.00	200	Vertical	Pass
3**	4852.496	41.27	54.0	12.73	AV	177.00	200	Vertical	Pass
4	6607.780	53.10	74.0	20.90	Peak	347.00	300	Vertical	Pass
4**	6607.780	45.74	54.0	8.26	AV	347.00	300	Vertical	Pass
5	13435.928	52.96	74.0	21.04	Peak	229.00	200	Vertical	Pass
5**	13435.928	45.45	54.0	8.55	AV	229.00	200	Vertical	Pass
6	17414.381	60.15	74.0	13.85	Peak	67.00	100	Vertical	Pass
6**	17414.381	49.76	54.0	4.24	AV	67.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11 VHT20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.989	43.65	74.0	30.35	Peak	260.00	300	Horizontal	Pass
1**	1327.989	36.07	54.0	17.93	AV	260.00	300	Horizontal	Pass
2	2999.167	47.42	74.0	26.58	Peak	302.00	400	Horizontal	Pass
2**	2999.167	44.36	54.0	9.64	AV	302.00	400	Horizontal	Pass
3	4935.972	53.95	74.0	20.05	Peak	149.00	200	Horizontal	Pass
3**	4935.972	39.35	54.0	14.65	AV	149.00	200	Horizontal	Pass
4	6806.851	55.58	74.0	18.42	Peak	105.00	200	Horizontal	Pass
4**	6806.851	44.76	54.0	9.24	AV	105.00	200	Horizontal	Pass
5	13410.654	56.40	74.0	17.60	Peak	295.00	400	Horizontal	Pass
5**	13410.654	45.26	54.0	8.74	AV	295.00	400	Horizontal	Pass
6	17423.494	53.08	74.0	20.92	Peak	50.00	300	Horizontal	Pass
6**	17423.494	45.51	54.0	8.49	AV	50.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11 VHT20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.847	42.97	74.0	31.03	Peak	89.00	100	Vertical	Pass
1**	1335.847	38.84	54.0	15.16	AV	89.00	100	Vertical	Pass
2	2984.808	49.27	74.0	24.73	Peak	270.00	100	Vertical	Pass
2**	2984.808	38.87	54.0	15.13	AV	270.00	100	Vertical	Pass
3	4854.399	50.71	74.0	23.29	Peak	158.00	200	Vertical	Pass
3**	4854.399	41.75	54.0	12.25	AV	158.00	200	Vertical	Pass
4	6609.101	51.54	74.0	22.46	Peak	102.00	100	Vertical	Pass
4**	6609.101	44.51	54.0	9.49	AV	102.00	100	Vertical	Pass
5	13432.623	56.04	74.0	17.96	Peak	38.00	200	Vertical	Pass
5**	13432.623	47.92	54.0	6.08	AV	38.00	200	Vertical	Pass
6	17417.142	56.02	74.0	17.98	Peak	244.00	100	Vertical	Pass
6**	17417.142	46.21	54.0	7.79	AV	244.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11 VHT20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.226	46.56	74.0	27.44	Peak	125.00	400	Horizontal	Pass
1**	1327.226	34.26	54.0	19.74	AV	125.00	400	Horizontal	Pass
2	2992.708	48.73	74.0	25.27	Peak	71.00	100	Horizontal	Pass
2**	2992.708	39.94	54.0	14.06	AV	71.00	100	Horizontal	Pass
3	4938.172	50.33	74.0	23.67	Peak	357.00	200	Horizontal	Pass
3**	4938.172	40.27	54.0	13.73	AV	357.00	200	Horizontal	Pass
4	6809.221	51.68	74.0	22.32	Peak	206.00	100	Horizontal	Pass
4**	6809.221	45.58	54.0	8.42	AV	206.00	100	Horizontal	Pass
5	13409.159	54.73	74.0	19.27	Peak	30.00	100	Horizontal	Pass
5**	13409.159	47.61	54.0	6.39	AV	30.00	100	Horizontal	Pass
6	17427.567	57.43	74.0	16.57	Peak	0.00	100	Horizontal	Pass
6**	17427.567	49.16	54.0	4.84	AV	0.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11 VHT20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.957	44.84	74.0	29.16	Peak	71.00	100	Vertical	Pass
1**	1335.957	36.45	54.0	17.55	AV	71.00	100	Vertical	Pass
2	2984.543	51.99	74.0	22.01	Peak	69.00	400	Vertical	Pass
2**	2984.543	43.77	54.0	10.23	AV	69.00	400	Vertical	Pass
3	4851.129	47.97	74.0	26.03	Peak	264.00	200	Vertical	Pass
3**	4851.129	41.15	54.0	12.85	AV	264.00	200	Vertical	Pass
4	6607.810	52.06	74.0	21.94	Peak	217.00	200	Vertical	Pass
4**	6607.810	47.09	54.0	6.91	AV	217.00	200	Vertical	Pass
5	13435.299	57.59	74.0	16.41	Peak	250.00	300	Vertical	Pass
5**	13435.299	45.28	54.0	8.72	AV	250.00	300	Vertical	Pass
6	17419.231	59.43	74.0	14.57	Peak	125.00	400	Vertical	Pass
6**	17419.231	46.07	54.0	7.93	AV	125.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11 VHT20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.725	43.72	74.0	30.28	Peak	71.00	400	Horizontal	Pass
1**	1331.725	35.05	54.0	18.95	AV	71.00	400	Horizontal	Pass
2	2999.107	51.34	74.0	22.66	Peak	64.00	300	Horizontal	Pass
2**	2999.107	42.26	54.0	11.74	AV	64.00	300	Horizontal	Pass
3	4935.298	50.46	74.0	23.54	Peak	119.00	200	Horizontal	Pass
3**	4935.298	40.93	54.0	13.07	AV	119.00	200	Horizontal	Pass
4	6805.281	56.17	74.0	17.83	Peak	239.00	200	Horizontal	Pass
4**	6805.281	43.73	54.0	10.27	AV	239.00	200	Horizontal	Pass
5	13411.381	56.59	74.0	17.41	Peak	154.00	400	Horizontal	Pass
5**	13411.381	45.54	54.0	8.46	AV	154.00	400	Horizontal	Pass
6	17423.233	54.36	74.0	19.64	Peak	210.00	100	Horizontal	Pass
6**	17423.233	45.36	54.0	8.64	AV	210.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11 VHT20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.170	42.40	74.0	31.60	Peak	268.00	400	Vertical	Pass
1**	1335.170	38.79	54.0	15.21	AV	268.00	400	Vertical	Pass
2	2979.776	49.67	74.0	24.33	Peak	233.00	200	Vertical	Pass
2**	2979.776	38.82	54.0	15.18	AV	233.00	200	Vertical	Pass
3	4855.621	50.11	74.0	23.89	Peak	236.00	200	Vertical	Pass
3**	4855.621	38.07	54.0	15.93	AV	236.00	200	Vertical	Pass
4	6604.644	56.33	74.0	17.67	Peak	277.00	100	Vertical	Pass
4**	6604.644	47.54	54.0	6.46	AV	277.00	100	Vertical	Pass
5	13431.514	56.10	74.0	17.90	Peak	119.00	200	Vertical	Pass
5**	13431.514	46.30	54.0	7.70	AV	119.00	200	Vertical	Pass
6	17415.638	54.58	74.0	19.42	Peak	170.00	200	Vertical	Pass
6**	17415.638	46.87	54.0	7.13	AV	170.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11 VHT40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.773	42.13	74.0	31.87	Peak	129.00	100	Horizontal	Pass
1**	1329.773	39.57	54.0	14.43	AV	129.00	100	Horizontal	Pass
2	2993.084	52.79	74.0	21.21	Peak	208.00	100	Horizontal	Pass
2**	2993.084	39.50	54.0	14.50	AV	208.00	100	Horizontal	Pass
3	4934.631	54.62	74.0	19.38	Peak	135.00	200	Horizontal	Pass
3**	4934.631	39.62	54.0	14.38	AV	135.00	200	Horizontal	Pass
4	6807.546	55.40	74.0	18.60	Peak	297.00	200	Horizontal	Pass
4**	6807.546	46.63	54.0	7.37	AV	297.00	200	Horizontal	Pass
5	13407.654	56.82	74.0	17.18	Peak	215.00	400	Horizontal	Pass
5**	13407.654	46.40	54.0	7.60	AV	215.00	400	Horizontal	Pass
6	17426.959	56.08	74.0	17.92	Peak	178.00	200	Horizontal	Pass
6**	17426.959	48.33	54.0	5.67	AV	178.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11 VHT40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.030	43.01	74.0	30.99	Peak	294.00	200	Vertical	Pass
1**	1333.030	37.86	54.0	16.14	AV	294.00	200	Vertical	Pass
2	2983.305	50.76	74.0	23.24	Peak	325.00	300	Vertical	Pass
2**	2983.305	41.68	54.0	12.32	AV	325.00	300	Vertical	Pass
3	4852.121	49.58	74.0	24.42	Peak	42.00	200	Vertical	Pass
3**	4852.121	40.69	54.0	13.31	AV	42.00	200	Vertical	Pass
4	6611.009	52.15	74.0	21.85	Peak	197.00	300	Vertical	Pass
4**	6611.009	45.01	54.0	8.99	AV	197.00	300	Vertical	Pass
5	13438.188	55.03	74.0	18.97	Peak	24.00	100	Vertical	Pass
5**	13438.188	47.21	54.0	6.79	AV	24.00	100	Vertical	Pass
6	17418.397	56.15	74.0	17.85	Peak	117.00	200	Vertical	Pass
6**	17418.397	50.08	54.0	3.92	AV	117.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11 VHT40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.737	45.49	74.0	28.51	Peak	30.00	100	Horizontal	Pass
1**	1328.737	34.77	54.0	19.23	AV	30.00	100	Horizontal	Pass
2	2995.495	47.48	74.0	26.52	Peak	336.00	200	Horizontal	Pass
2**	2995.495	40.62	54.0	13.38	AV	336.00	200	Horizontal	Pass
3	4934.473	49.22	74.0	24.78	Peak	235.00	200	Horizontal	Pass
3**	4934.473	42.03	54.0	11.97	AV	235.00	200	Horizontal	Pass
4	6807.430	55.63	74.0	18.37	Peak	259.00	100	Horizontal	Pass
4**	6807.430	43.72	54.0	10.28	AV	259.00	100	Horizontal	Pass
5	13413.069	55.75	74.0	18.25	Peak	13.00	300	Horizontal	Pass
5**	13413.069	43.98	54.0	10.02	AV	13.00	300	Horizontal	Pass
6	17425.786	54.23	74.0	19.77	Peak	39.00	200	Horizontal	Pass
6**	17425.786	44.78	54.0	9.22	AV	39.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11 VHT40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.373	45.58	74.0	28.42	Peak	167.00	100	Vertical	Pass
1**	1332.373	35.28	54.0	18.72	AV	167.00	100	Vertical	Pass
2	2980.084	48.05	74.0	25.95	Peak	204.00	200	Vertical	Pass
2**	2980.084	39.79	54.0	14.21	AV	204.00	200	Vertical	Pass
3	4851.534	46.92	74.0	27.08	Peak	154.00	200	Vertical	Pass
3**	4851.534	43.02	54.0	10.98	AV	154.00	200	Vertical	Pass
4	6604.399	53.47	74.0	20.53	Peak	249.00	300	Vertical	Pass
4**	6604.399	47.44	54.0	6.56	AV	249.00	300	Vertical	Pass
5	13431.764	53.15	74.0	20.85	Peak	78.00	100	Vertical	Pass
5**	13431.764	46.47	54.0	7.53	AV	78.00	100	Vertical	Pass
6	17420.173	56.93	74.0	17.07	Peak	302.00	400	Vertical	Pass
6**	17420.173	47.51	54.0	6.49	AV	302.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11 VHT40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.499	44.27	74.0	29.73	Peak	145.00	300	Horizontal	Pass
1**	1329.499	34.97	54.0	19.03	AV	145.00	300	Horizontal	Pass
2	2996.083	50.03	74.0	23.97	Peak	208.00	300	Horizontal	Pass
2**	2996.083	41.32	54.0	12.68	AV	208.00	300	Horizontal	Pass
3	4931.168	50.44	74.0	23.56	Peak	358.00	200	Horizontal	Pass
3**	4931.168	42.29	54.0	11.71	AV	358.00	200	Horizontal	Pass
4	6805.602	55.15	74.0	18.85	Peak	168.00	100	Horizontal	Pass
4**	6805.602	47.11	54.0	6.89	AV	168.00	100	Horizontal	Pass
5	13411.600	58.05	74.0	15.95	Peak	122.00	200	Horizontal	Pass
5**	13411.600	45.13	54.0	8.87	AV	122.00	200	Horizontal	Pass
6	17423.173	56.72	74.0	17.28	Peak	116.00	300	Horizontal	Pass
6**	17423.173	46.36	54.0	7.64	AV	116.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11 VHT40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.494	45.31	74.0	28.69	Peak	286.00	400	Vertical	Pass
1**	1335.494	37.23	54.0	16.77	AV	286.00	400	Vertical	Pass
2	2979.324	53.07	74.0	20.93	Peak	174.00	100	Vertical	Pass
2**	2979.324	42.07	54.0	11.93	AV	174.00	100	Vertical	Pass
3	4852.930	47.19	74.0	26.81	Peak	262.00	200	Vertical	Pass
3**	4852.930	38.84	54.0	15.16	AV	262.00	200	Vertical	Pass
4	6609.698	53.17	74.0	20.83	Peak	40.00	400	Vertical	Pass
4**	6609.698	47.16	54.0	6.84	AV	40.00	400	Vertical	Pass
5	13436.447	52.59	74.0	21.41	Peak	303.00	200	Vertical	Pass
5**	13436.447	45.93	54.0	8.07	AV	303.00	200	Vertical	Pass
6	17419.957	55.15	74.0	18.85	Peak	119.00	200	Vertical	Pass
6**	17419.957	50.06	54.0	3.94	AV	119.00	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	1329.245	42.28	74.0	31.72	Peak	64.00	400	Horizontal	Pass
1**	1329.245	38.95	54.0	15.05	AV	64.00	400	Horizontal	Pass
2	2995.201	49.46	74.0	24.54	Peak	247.00	100	Horizontal	Pass
2**	2995.201	42.36	54.0	11.64	AV	247.00	100	Horizontal	Pass
3	4935.136	51.98	74.0	22.02	Peak	62.00	200	Horizontal	Pass
3**	4935.136	41.89	54.0	12.11	AV	62.00	200	Horizontal	Pass
4	6804.365	55.37	74.0	18.63	Peak	102.00	400	Horizontal	Pass
4**	6804.365	45.93	54.0	8.07	AV	102.00	400	Horizontal	Pass
5	13408.419	57.77	74.0	16.23	Peak	341.00	300	Horizontal	Pass
5**	13408.419	46.40	54.0	7.60	AV	341.00	300	Horizontal	Pass
6	17424.523	58.22	74.0	15.78	Peak	98.00	300	Horizontal	Pass
6**	17424.523	46.46	54.0	7.54	AV	98.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.396	43.17	74.0	30.83	Peak	19.00	400	Vertical	Pass
1**	1329.396	36.23	54.0	17.77	AV	19.00	400	Vertical	Pass
2	2981.219	49.32	74.0	24.68	Peak	192.00	400	Vertical	Pass
2**	2981.219	42.77	54.0	11.23	AV	192.00	400	Vertical	Pass
3	4853.163	48.67	74.0	25.33	Peak	118.00	200	Vertical	Pass
3**	4853.163	38.67	54.0	15.33	AV	118.00	200	Vertical	Pass
4	6606.883	52.08	74.0	21.92	Peak	138.00	300	Vertical	Pass
4**	6606.883	44.59	54.0	9.41	AV	138.00	300	Vertical	Pass
5	13433.961	54.06	74.0	19.94	Peak	132.00	400	Vertical	Pass
5**	13433.961	46.61	54.0	7.39	AV	132.00	400	Vertical	Pass
6	17418.083	58.87	74.0	15.13	Peak	78.00	400	Vertical	Pass
6**	17418.083	49.62	54.0	4.38	AV	78.00	400	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	1329.806	42.48	74.0	31.52	Peak	6.00	100	Horizontal	Pass
1**	1329.806	36.62	54.0	17.38	AV	6.00	100	Horizontal	Pass
2	2998.781	50.63	74.0	23.37	Peak	106.00	300	Horizontal	Pass
2**	2998.781	41.51	54.0	12.49	AV	106.00	300	Horizontal	Pass
3	4935.104	50.02	74.0	23.98	Peak	161.00	200	Horizontal	Pass
3**	4935.104	38.71	54.0	15.29	AV	161.00	200	Horizontal	Pass
4	6809.110	55.25	74.0	18.75	Peak	20.00	300	Horizontal	Pass
4**	6809.110	42.97	54.0	11.03	AV	20.00	300	Horizontal	Pass
5	13412.647	58.19	74.0	15.81	Peak	209.00	200	Horizontal	Pass
5**	13412.647	44.31	54.0	9.69	AV	209.00	200	Horizontal	Pass
6	17424.020	54.58	74.0	19.42	Peak	65.00	200	Horizontal	Pass
6**	17424.020	45.92	54.0	8.08	AV	65.00	200	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	1331.670	43.11	74.0	30.89	Peak	296.00	200	Vertical	Pass
1**	1331.670	38.66	54.0	15.34	AV	296.00	200	Vertical	Pass
2	2982.707	47.44	74.0	26.56	Peak	257.00	100	Vertical	Pass
2**	2982.707	40.99	54.0	13.01	AV	257.00	100	Vertical	Pass
3	4850.263	50.88	74.0	23.12	Peak	326.00	200	Vertical	Pass
3**	4850.263	38.90	54.0	15.10	AV	326.00	200	Vertical	Pass
4	6608.291	51.36	74.0	22.64	Peak	98.00	100	Vertical	Pass
4**	6608.291	44.96	54.0	9.04	AV	98.00	100	Vertical	Pass
5	13437.436	55.31	74.0	18.69	Peak	124.00	200	Vertical	Pass
5**	13437.436	46.18	54.0	7.82	AV	124.00	200	Vertical	Pass
6	17414.243	60.00	74.0	14.00	Peak	281.00	200	Vertical	Pass
6**	17414.243	46.57	54.0	7.43	AV	281.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.079	44.48	74.0	29.52	Peak	115.00	400	Horizontal	Pass
1**	1331.079	35.75	54.0	18.25	AV	115.00	400	Horizontal	Pass
2	2992.907	52.82	74.0	21.18	Peak	312.00	400	Horizontal	Pass
2**	2992.907	41.23	54.0	12.77	AV	312.00	400	Horizontal	Pass
3	4931.376	49.40	74.0	24.60	Peak	139.00	200	Horizontal	Pass
3**	4931.376	42.35	54.0	11.65	AV	139.00	200	Horizontal	Pass
4	6806.654	53.76	74.0	20.24	Peak	84.00	300	Horizontal	Pass
4**	6806.654	44.73	54.0	9.27	AV	84.00	300	Horizontal	Pass
5	13410.779	54.93	74.0	19.07	Peak	203.00	200	Horizontal	Pass
5**	13410.779	46.66	54.0	7.34	AV	203.00	200	Horizontal	Pass
6	17426.143	57.07	74.0	16.93	Peak	114.00	200	Horizontal	Pass
6**	17426.143	49.34	54.0	4.66	AV	114.00	200	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	1330.994	42.30	74.0	31.70	Peak	116.00	300	Vertical	Pass
1**	1330.994	37.89	54.0	16.11	AV	116.00	300	Vertical	Pass
2	2979.744	51.88	74.0	22.12	Peak	186.00	300	Vertical	Pass
2**	2979.744	43.41	54.0	10.59	AV	186.00	300	Vertical	Pass
3	4850.354	52.22	74.0	21.78	Peak	227.00	200	Vertical	Pass
3**	4850.354	40.51	54.0	13.49	AV	227.00	200	Vertical	Pass
4	6606.622	52.37	74.0	21.63	Peak	191.00	400	Vertical	Pass
4**	6606.622	44.35	54.0	9.65	AV	191.00	400	Vertical	Pass
5	13435.114	53.41	74.0	20.59	Peak	75.00	100	Vertical	Pass
5**	13435.114	47.43	54.0	6.57	AV	75.00	100	Vertical	Pass
6	17418.542	55.46	74.0	18.54	Peak	282.00	300	Vertical	Pass
6**	17418.542	45.52	54.0	8.48	AV	282.00	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	1329.372	41.87	74.0	32.13	Peak	278.00	200	Horizontal	Pass
1**	1329.372	37.20	54.0	16.80	AV	278.00	200	Horizontal	Pass
2	2999.539	51.48	74.0	22.52	Peak	301.00	300	Horizontal	Pass
2**	2999.539	40.48	54.0	13.52	AV	301.00	300	Horizontal	Pass
3	4936.256	54.58	74.0	19.42	Peak	196.00	200	Horizontal	Pass
3**	4936.256	39.20	54.0	14.80	AV	196.00	200	Horizontal	Pass
4	6804.410	56.66	74.0	17.34	Peak	328.00	100	Horizontal	Pass
4**	6804.410	47.39	54.0	6.61	AV	328.00	100	Horizontal	Pass
5	13410.581	53.52	74.0	20.48	Peak	114.00	200	Horizontal	Pass
5**	13410.581	48.03	54.0	5.97	AV	114.00	200	Horizontal	Pass
6	17426.438	55.89	74.0	18.11	Peak	80.00	300	Horizontal	Pass
6**	17426.438	44.99	54.0	9.01	AV	80.00	300	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	1336.748	46.65	74.0	27.35	Peak	117.00	200	Vertical	Pass
1**	1336.748	40.35	54.0	13.65	AV	117.00	200	Vertical	Pass
2	2985.501	51.63	74.0	22.37	Peak	207.00	400	Vertical	Pass
2**	2985.501	41.52	54.0	12.48	AV	207.00	400	Vertical	Pass
3	4854.063	48.90	74.0	25.10	Peak	328.00	200	Vertical	Pass
3**	4854.063	38.14	54.0	15.86	AV	328.00	200	Vertical	Pass
4	6606.190	55.90	74.0	18.10	Peak	165.00	200	Vertical	Pass
4**	6606.190	47.98	54.0	6.02	AV	165.00	200	Vertical	Pass
5	13434.878	57.16	74.0	16.84	Peak	321.00	200	Vertical	Pass
5**	13434.878	44.32	54.0	9.68	AV	321.00	200	Vertical	Pass
6	17418.348	57.21	74.0	16.79	Peak	105.00	400	Vertical	Pass
6**	17418.348	45.79	54.0	8.21	AV	105.00	400	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	1330.493	42.07	74.0	31.93	Peak	62.00	400	Horizontal	Pass
1**	1330.493	38.75	54.0	15.25	AV	62.00	400	Horizontal	Pass
2	2992.921	48.54	74.0	25.46	Peak	211.00	200	Horizontal	Pass
2**	2992.921	38.44	54.0	15.56	AV	211.00	200	Horizontal	Pass
3	4934.075	50.50	74.0	23.50	Peak	4.00	200	Horizontal	Pass
3**	4934.075	43.98	54.0	10.02	AV	4.00	200	Horizontal	Pass
4	6808.650	52.63	74.0	21.37	Peak	237.00	100	Horizontal	Pass
4**	6808.650	44.73	54.0	9.27	AV	237.00	100	Horizontal	Pass
5	13412.092	55.66	74.0	18.34	Peak	56.00	100	Horizontal	Pass
5**	13412.092	43.66	54.0	10.34	AV	56.00	100	Horizontal	Pass
6	17422.530	54.64	74.0	19.36	Peak	357.00	100	Horizontal	Pass
6**	17422.530	44.90	54.0	9.10	AV	357.00	100	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	1335.282	47.70	74.0	26.30	Peak	63.00	200	Vertical	Pass
1**	1335.282	39.52	54.0	14.48	AV	63.00	200	Vertical	Pass
2	2983.408	50.63	74.0	23.37	Peak	181.00	100	Vertical	Pass
2**	2983.408	41.84	54.0	12.16	AV	181.00	100	Vertical	Pass
3	4854.302	51.58	74.0	22.42	Peak	248.00	200	Vertical	Pass
3**	4854.302	42.92	54.0	11.08	AV	248.00	200	Vertical	Pass
4	6608.529	57.20	74.0	16.80	Peak	282.00	100	Vertical	Pass
4**	6608.529	46.24	54.0	7.76	AV	282.00	100	Vertical	Pass
5	13436.093	55.32	74.0	18.68	Peak	187.00	400	Vertical	Pass
5**	13436.093	49.17	54.0	4.83	AV	187.00	400	Vertical	Pass
6	17418.868	56.48	74.0	17.52	Peak	103.00	300	Vertical	Pass
6**	17418.868	47.99	54.0	6.01	AV	103.00	300	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	1330.028	45.94	74.0	28.06	Peak	247.00	400	Horizontal	Pass
1**	1330.028	36.12	54.0	17.88	AV	247.00	400	Horizontal	Pass
2	2998.796	50.77	74.0	23.23	Peak	237.00	100	Horizontal	Pass
2**	2998.796	43.63	54.0	10.37	AV	237.00	100	Horizontal	Pass
3	4936.238	51.22	74.0	22.78	Peak	94.00	200	Horizontal	Pass
3**	4936.238	40.70	54.0	13.30	AV	94.00	200	Horizontal	Pass
4	6809.833	51.76	74.0	22.24	Peak	27.00	100	Horizontal	Pass
4**	6809.833	43.42	54.0	10.58	AV	27.00	100	Horizontal	Pass
5	13409.470	53.82	74.0	20.18	Peak	209.00	400	Horizontal	Pass
5**	13409.470	48.83	54.0	5.17	AV	209.00	400	Horizontal	Pass
6	17423.737	53.61	74.0	20.39	Peak	333.00	400	Horizontal	Pass
6**	17423.737	47.87	54.0	6.13	AV	333.00	400	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	1335.451	45.48	74.0	28.52	Peak	166.00	400	Vertical	Pass
1**	1335.451	36.71	54.0	17.29	AV	166.00	400	Vertical	Pass
2	2982.995	52.29	74.0	21.71	Peak	173.00	400	Vertical	Pass
2**	2982.995	40.07	54.0	13.93	AV	173.00	400	Vertical	Pass
3	4856.529	47.87	74.0	26.13	Peak	136.00	200	Vertical	Pass
3**	4856.529	43.63	54.0	10.37	AV	136.00	200	Vertical	Pass
4	6604.683	54.07	74.0	19.93	Peak	154.00	100	Vertical	Pass
4**	6604.683	45.65	54.0	8.35	AV	154.00	100	Vertical	Pass
5	13433.266	55.73	74.0	18.27	Peak	207.00	200	Vertical	Pass
5**	13433.266	44.72	54.0	9.28	AV	207.00	200	Vertical	Pass
6	17416.211	54.62	74.0	19.38	Peak	60.00	200	Vertical	Pass
6**	17416.211	46.41	54.0	7.59	AV	60.00	200	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

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.866	58.85	74.0	15.15	Peak	235.00	300	Horizontal	Pass
1**	2383.866	50.13	54.0	3.87	AV	235.00	300	Horizontal	Pass
2	2390.000	54.6	74.0	19.40	Peak	35.00	300	Horizontal	Pass
2**	2390.000	47.26	54.0	6.74	AV	35.00	300	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	54.07	74.0	19.93	Peak	175.00	200	Horizontal	Pass
1**	2483.500	45.36	54.0	8.64	AV	175.00	200	Horizontal	Pass
2	2487.964	56.51	74.0	17.49	Peak	284.00	200	Horizontal	Pass
2**	2487.964	46.47	54.0	7.53	AV	284.00	200	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	2385.782	60.17	74.0	13.83	Peak	294.00	300	Horizontal	Pass
1**	2385.782	48.91	54.0	5.09	AV	294.00	300	Horizontal	Pass
2	2390.000	56.14	74.0	17.86	Peak	69.00	100	Horizontal	Pass
2**	2390.000	46.3	54.0	7.70	AV	69.00	100	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	54.53	74.0	19.47	Peak	230.00	100	Horizontal	Pass
1**	2483.500	47.48	54.0	6.52	AV	230.00	100	Horizontal	Pass
2	2487.982	58.75	74.0	15.25	Peak	195.00	300	Horizontal	Pass
2**	2487.982	46.75	54.0	7.25	AV	195.00	300	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	2386.104	59.04	74.0	14.96	Peak	296.00	200	Horizontal	Pass
1**	2386.104	49.7	54.0	4.30	AV	296.00	200	Horizontal	Pass
2	2390.000	54.91	74.0	19.09	Peak	229.00	300	Horizontal	Pass
2**	2390.000	44.31	54.0	9.69	AV	229.00	300	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	54.33	74.0	19.67	Peak	125.00	100	Horizontal	Pass
1**	2483.500	44.86	54.0	9.14	AV	125.00	100	Horizontal	Pass
2	2486.154	58.69	74.0	15.31	Peak	335.00	300	Horizontal	Pass
2**	2486.154	46.34	54.0	7.66	AV	335.00	300	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	2383.504	59.74	74.0	14.26	Peak	206.00	300	Horizontal	Pass
1**	2383.504	50.65	54.0	3.35	AV	206.00	300	Horizontal	Pass
2	2390.000	53.89	74.0	20.11	Peak	100.00	200	Horizontal	Pass
2**	2390.000	43.73	54.0	10.27	AV	100.00	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	56.85	74.0	17.15	Peak	274.00	100	Horizontal	Pass
1**	2483.500	47.56	54.0	6.44	AV	274.00	100	Horizontal	Pass
2	2487.517	57.61	74.0	16.39	Peak	294.00	300	Horizontal	Pass
2**	2487.517	49.16	54.0	4.84	AV	294.00	300	Horizontal	Pass

802.11 VHT20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.315	59.28	74.0	14.72	Peak	67.00	100	Horizontal	Pass
1**	2384.315	49.74	54.0	4.26	AV	67.00	100	Horizontal	Pass
2	2390.000	54.87	74.0	19.13	Peak	143.00	200	Horizontal	Pass
2**	2390.000	45.57	54.0	8.43	AV	143.00	200	Horizontal	Pass

802.11 VHT20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.08	74.0	17.92	Peak	114.00	300	Horizontal	Pass
1**	2483.500	45.3	54.0	8.70	AV	114.00	300	Horizontal	Pass
2	2485.978	59.47	74.0	14.53	Peak	112.00	200	Horizontal	Pass
2**	2485.978	49.14	54.0	4.86	AV	112.00	200	Horizontal	Pass

802.11 VHT40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.141	57.12	74.0	16.88	Peak	315.00	200	Horizontal	Pass
1**	2386.141	51.34	54.0	2.66	AV	315.00	200	Horizontal	Pass
2	2390.000	56.55	74.0	17.45	Peak	7.00	300	Horizontal	Pass
2**	2390.000	46.96	54.0	7.04	AV	7.00	300	Horizontal	Pass

802.11 VHT40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.45	74.0	19.55	Peak	124.00	300	Horizontal	Pass
1**	2483.500	47.43	54.0	6.57	AV	124.00	300	Horizontal	Pass
2	2486.939	56.42	74.0	17.58	Peak	295.00	300	Horizontal	Pass
2**	2486.939	48.49	54.0	5.51	AV	295.00	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	2385.793	59.6	74.0	14.40	Peak	220.00	300	Horizontal	Pass
1**	2385.793	49.85	54.0	4.15	AV	220.00	300	Horizontal	Pass
2	2390.000	53.42	74.0	20.58	Peak	53.00	200	Horizontal	Pass
2**	2390.000	45.66	54.0	8.34	AV	53.00	200	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.25	74.0	16.75	Peak	180.00	200	Horizontal	Pass
1**	2483.500	47.08	54.0	6.92	AV	180.00	200	Horizontal	Pass
2	2488.426	56.89	74.0	17.11	Peak	190.00	300	Horizontal	Pass
2**	2488.426	48.27	54.0	5.73	AV	190.00	300	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	2384.583	56.72	74.0	17.28	Peak	225.00	300	Horizontal	Pass
1**	2384.583	50.51	54.0	3.49	AV	225.00	300	Horizontal	Pass
2	2390.000	55.64	74.0	18.36	Peak	124.00	200	Horizontal	Pass
2**	2390.000	43.58	54.0	10.42	AV	124.00	200	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.65	74.0	19.35	Peak	91.00	200	Horizontal	Pass
1**	2483.500	46.45	54.0	7.55	AV	91.00	200	Horizontal	Pass
2	2486.401	57.63	74.0	16.37	Peak	220.00	300	Horizontal	Pass
2**	2486.401	46.39	54.0	7.61	AV	220.00	300	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.49	8
Middle	-6.35	8
High	-5.93	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.26	8
Middle	-10.98	8
High	-11.91	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.91	8
Middle	-12.10	8
High	-11.91	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.07	8
Middle	-16.54	8
High	-16.30	8

VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.64	8
Middle	-10.73	8
High	-11.42	8

VHT-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.67	8
Middle	-13.44	8
High	-13.05	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.72	8
Middle	-10.94	8
High	-11.27	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.34	8
Middle	-14.06	8
High	-13.39	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



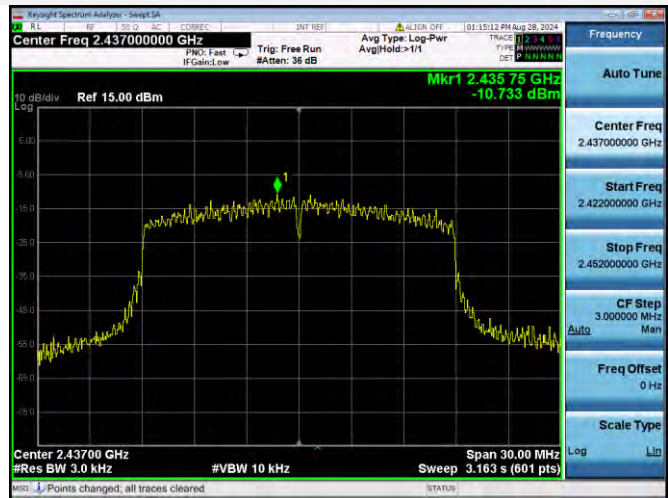
802.11n-40 MHz HIGH CHANNEL



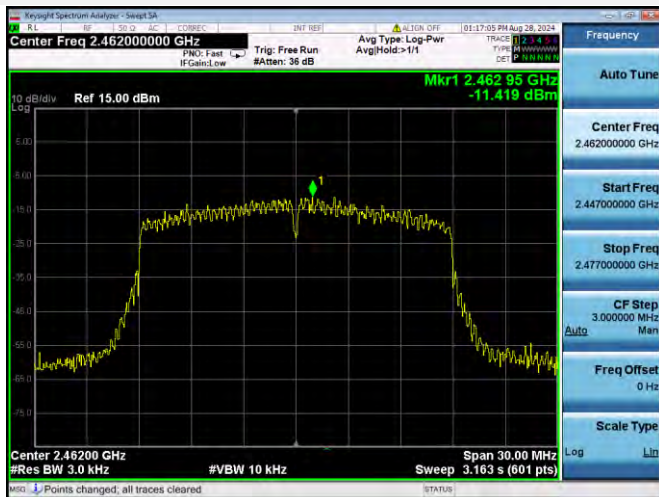
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL



VHT-20 MHz HIGH CHANNEL



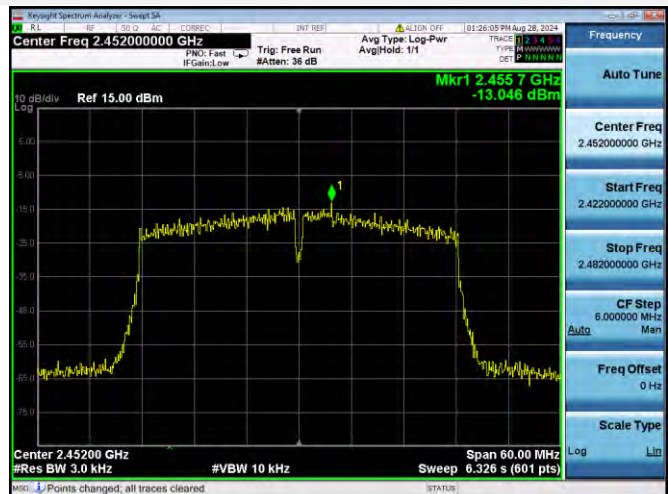
VHT-40 MHz LOW CHANNEL



VHT-40 MHz MIDDLE CHANNEL



VHT-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



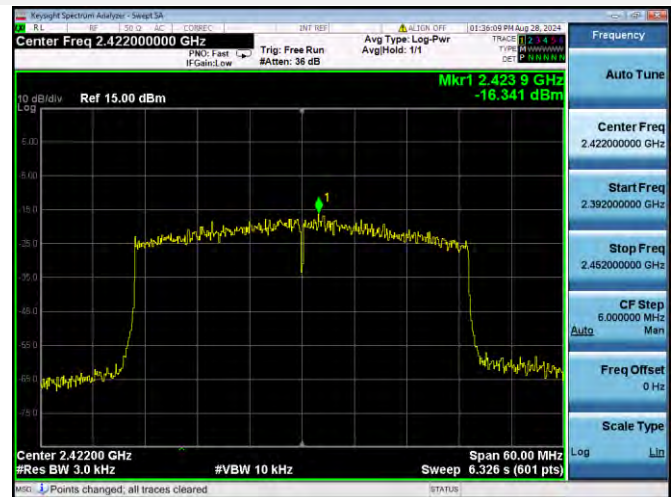
802.11ax-20 MHz(SU) MIDDLE CHANNEL



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-SZ24A0129-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24A0129-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24A0129-AI.PDF”.

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--END OF REPORT--