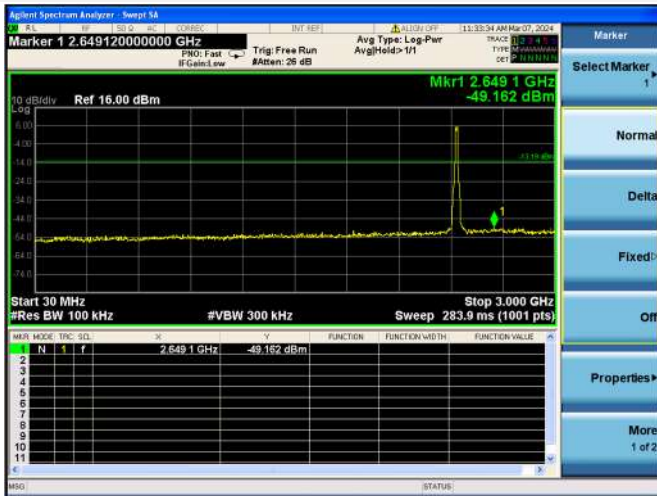
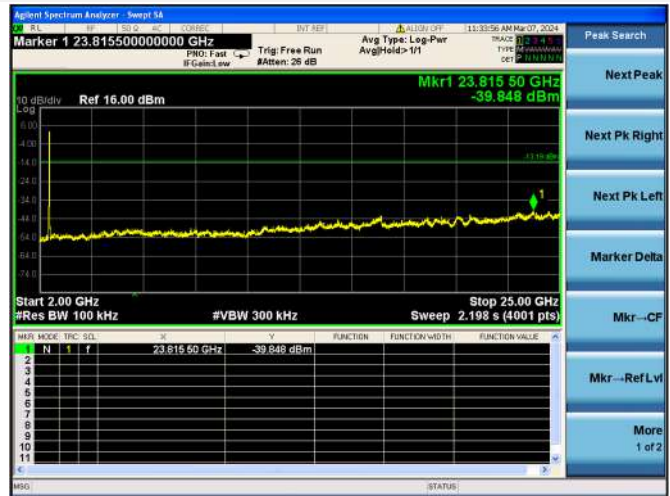


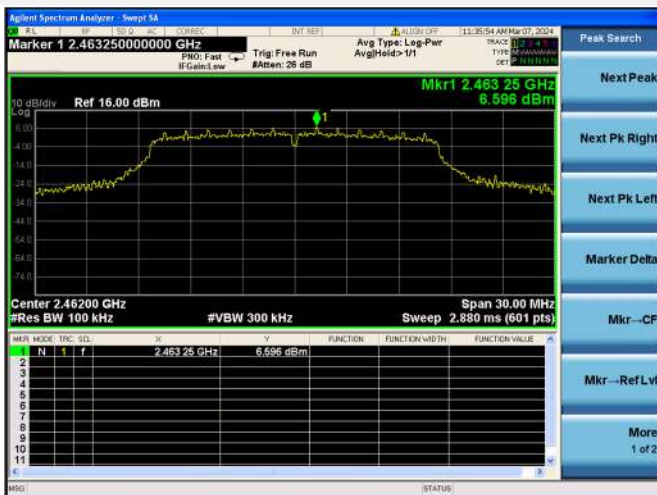
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



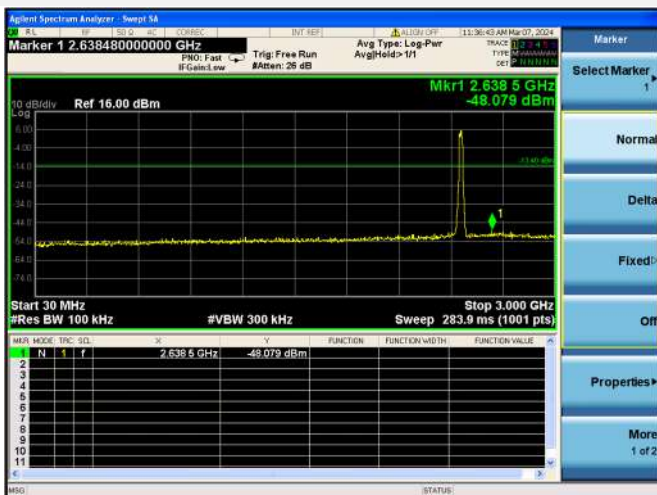
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



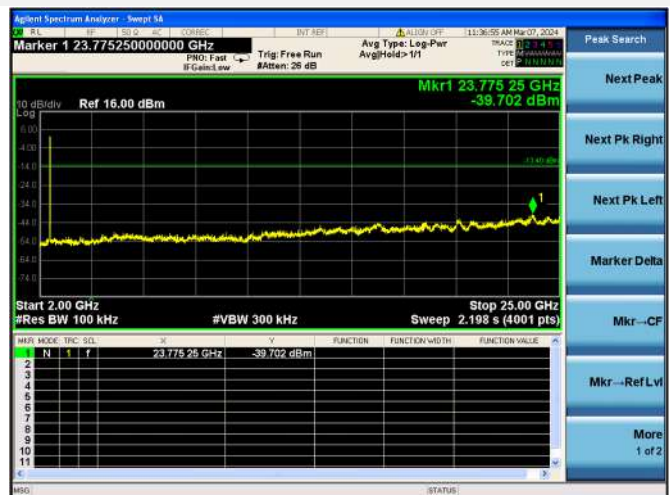
802.11g HIGH CHANNEL CARRIER LEVEL



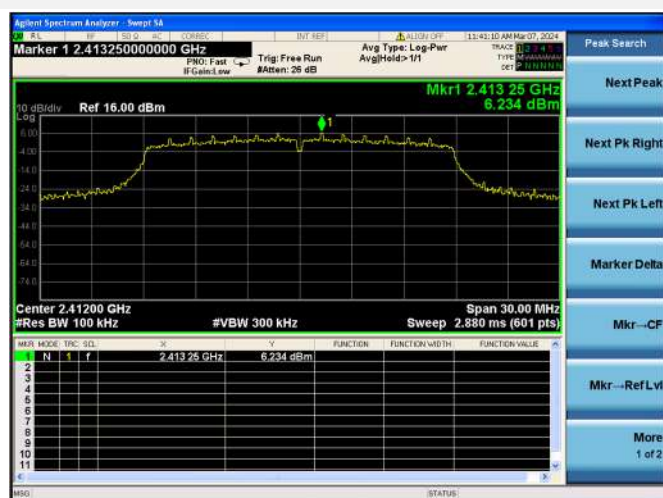
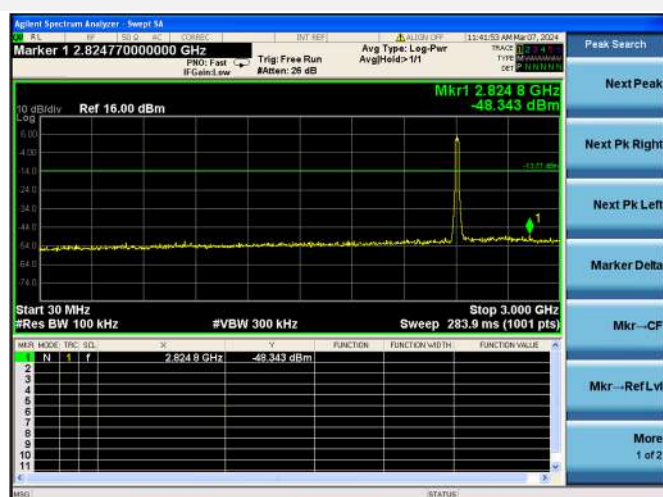
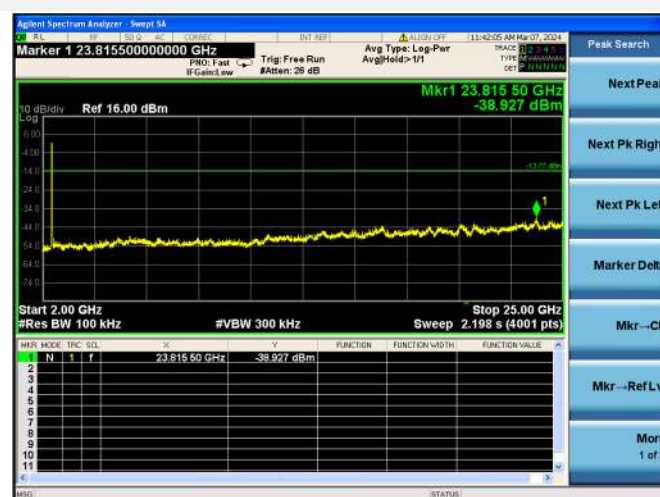
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



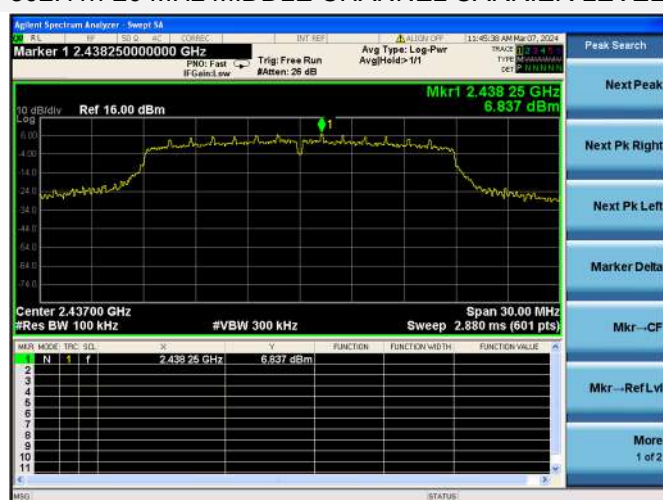
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

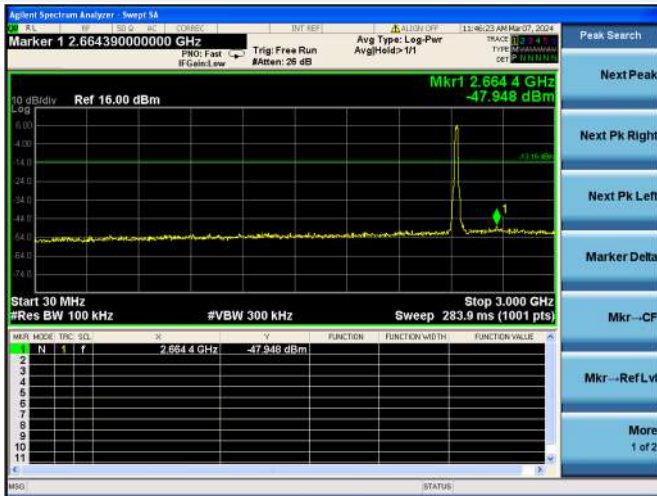
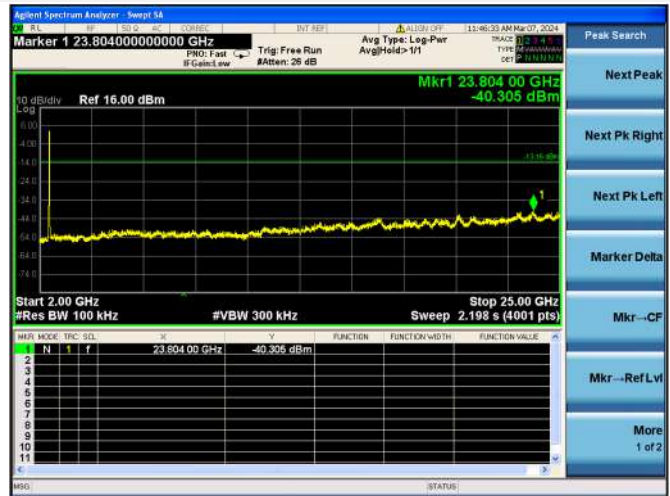


802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

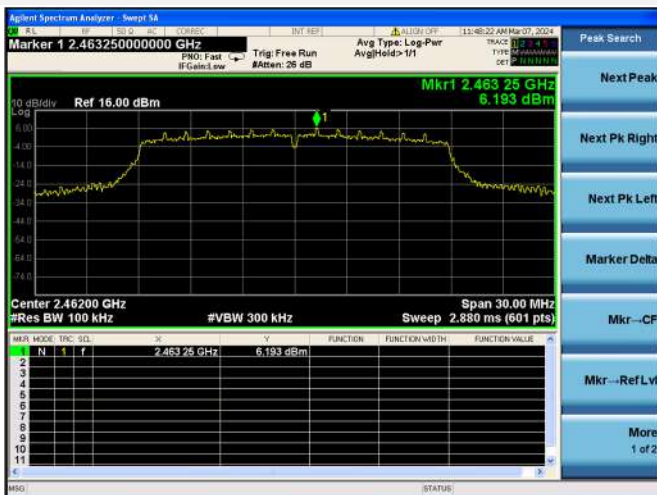
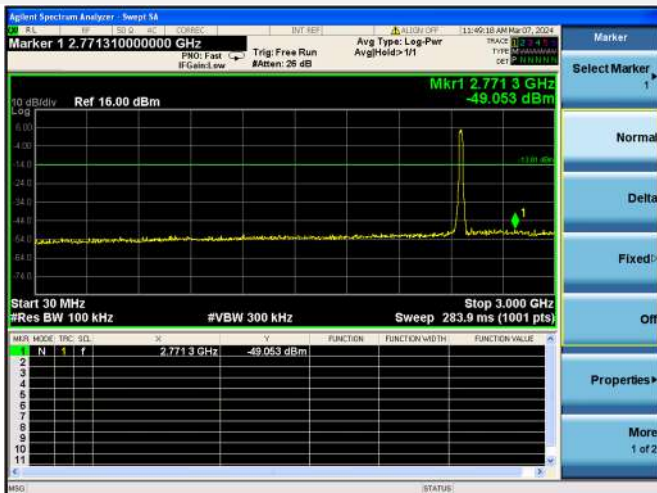
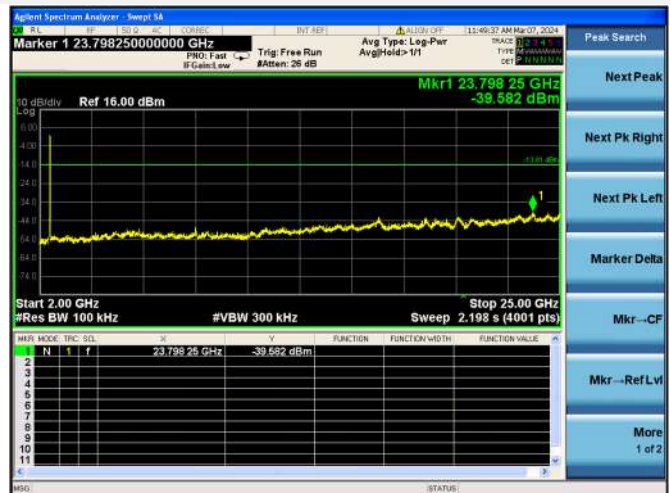
802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL

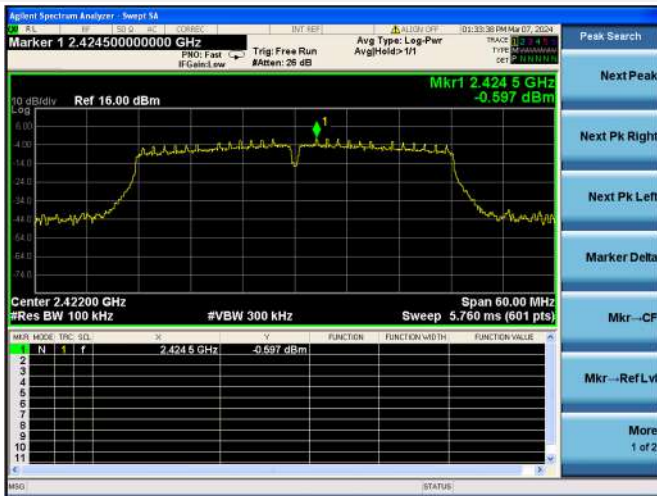
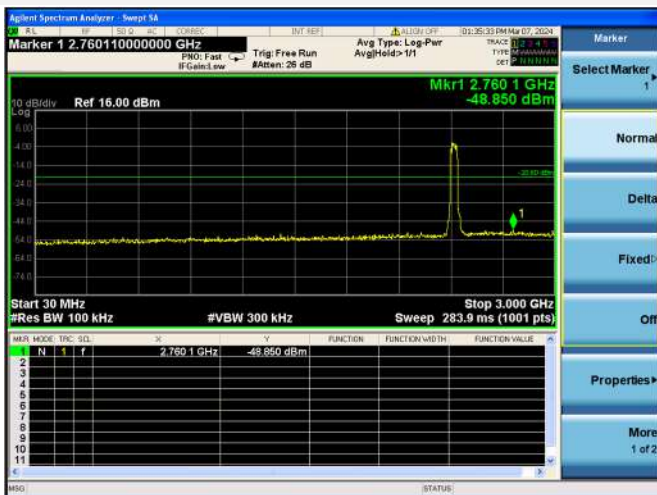
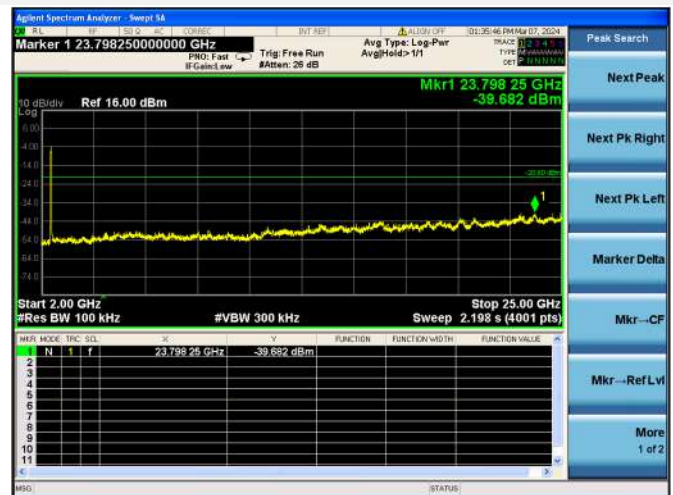


802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

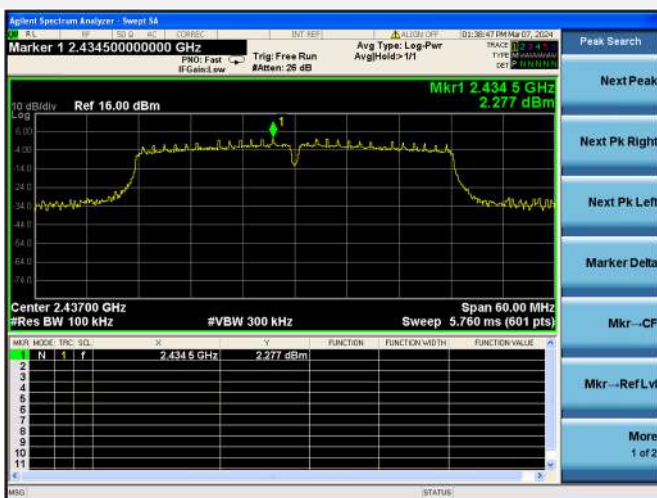
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL

802.11n-20 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

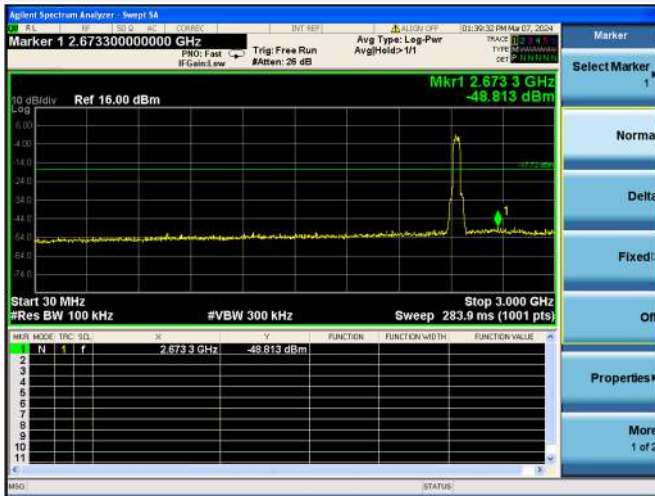
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

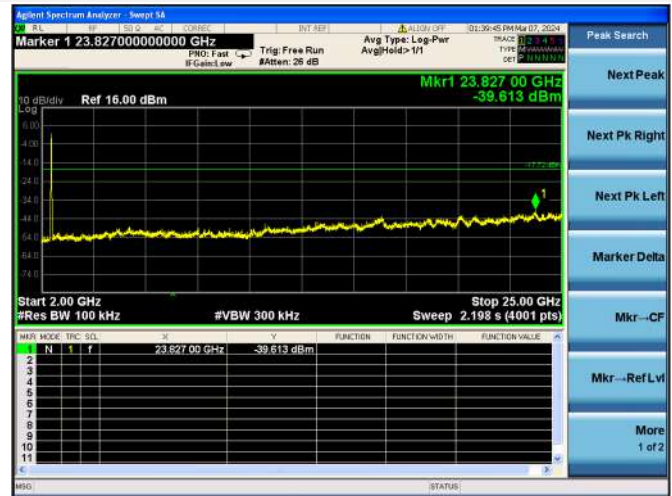
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



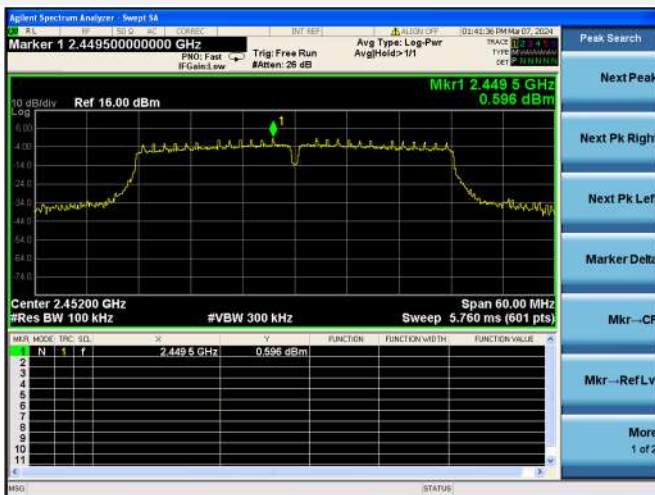
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



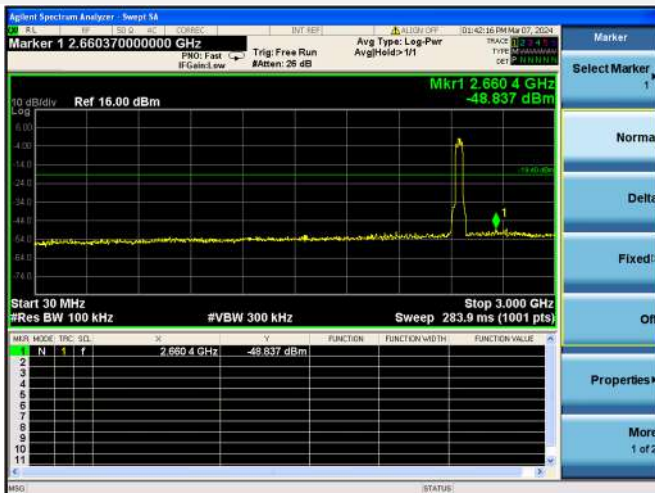
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



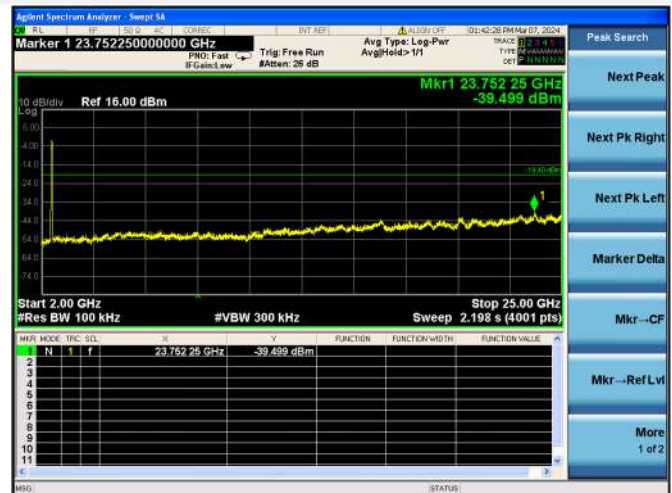
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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

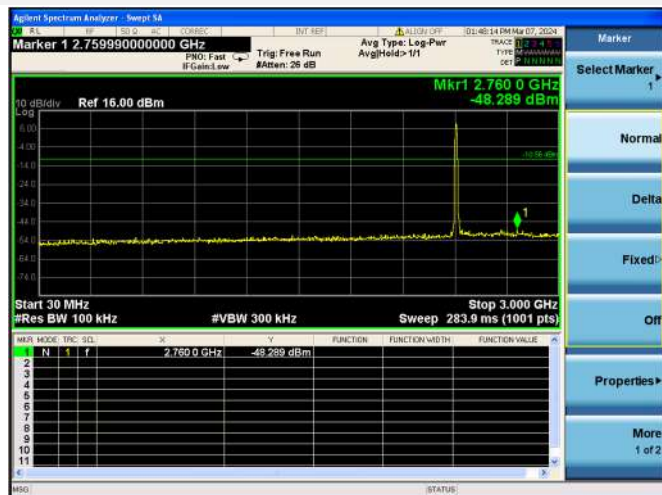


ANT14

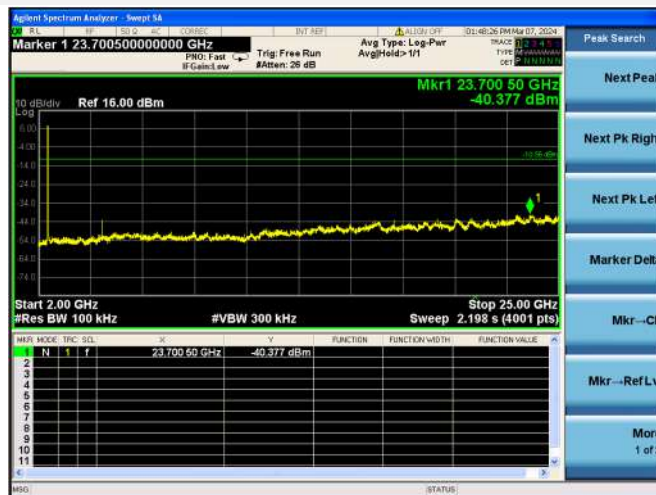
802.11b LOW CHANNEL CARRIER LEVEL



802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



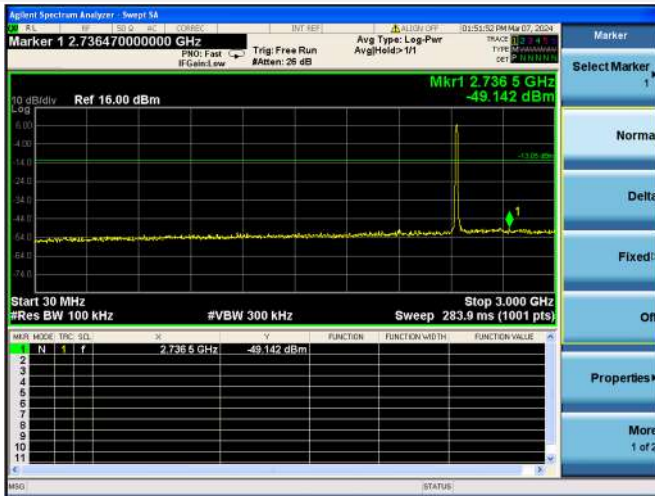
802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



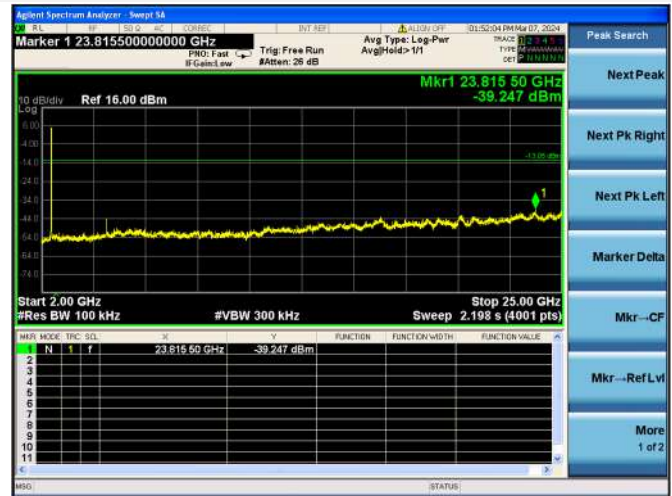
802.11b MIDDLE CHANNEL CARRIER LEVEL



802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



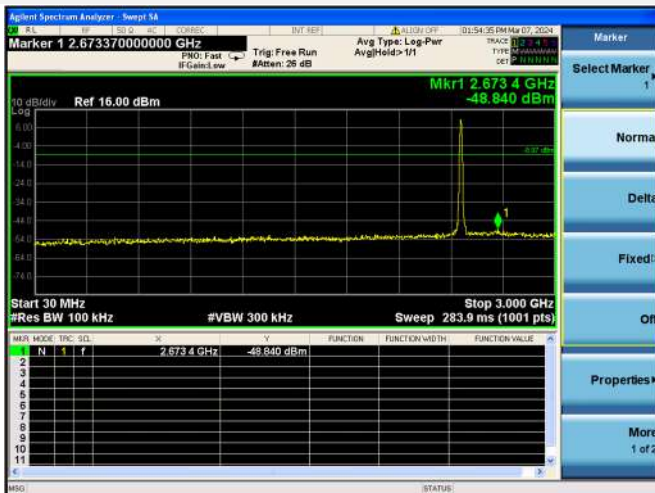
802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



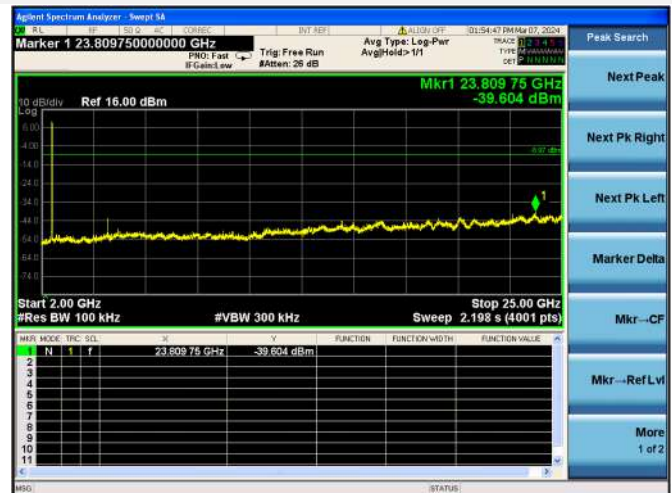
802.11b HIGH CHANNEL CARRIER LEVEL



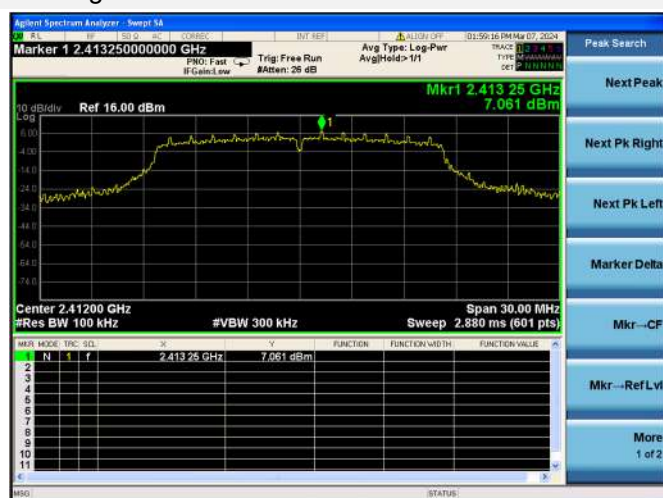
802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



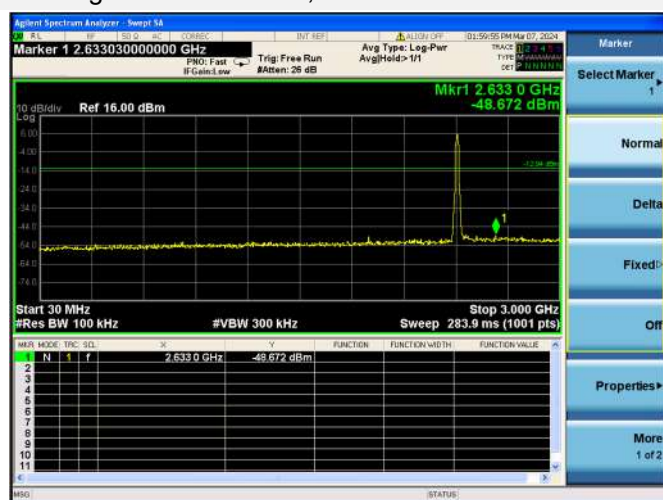
802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



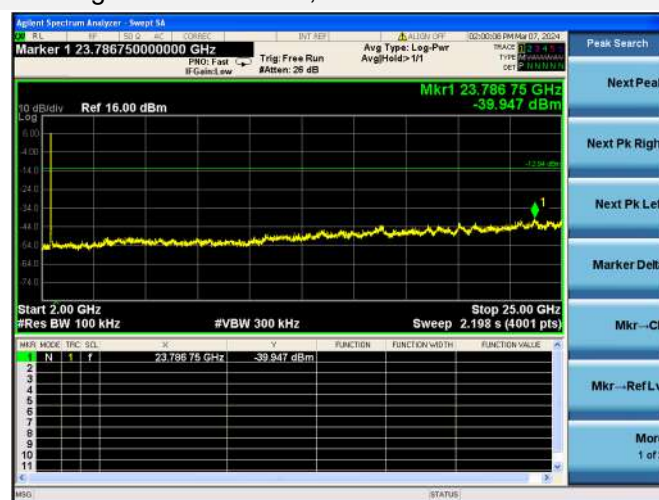
802.11g LOW CHANNEL CARRIER LEVEL



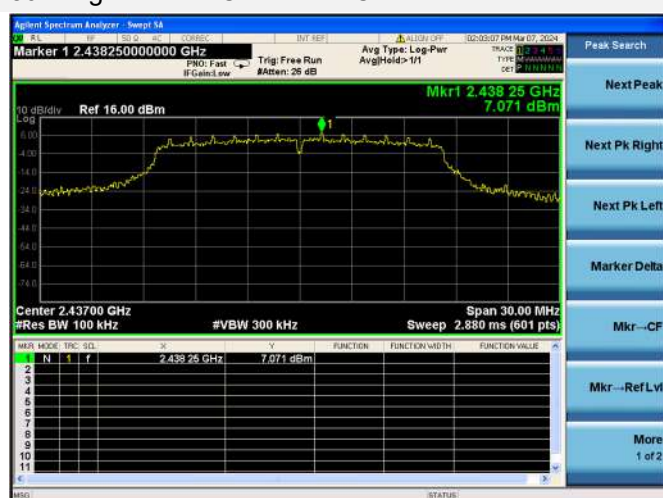
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



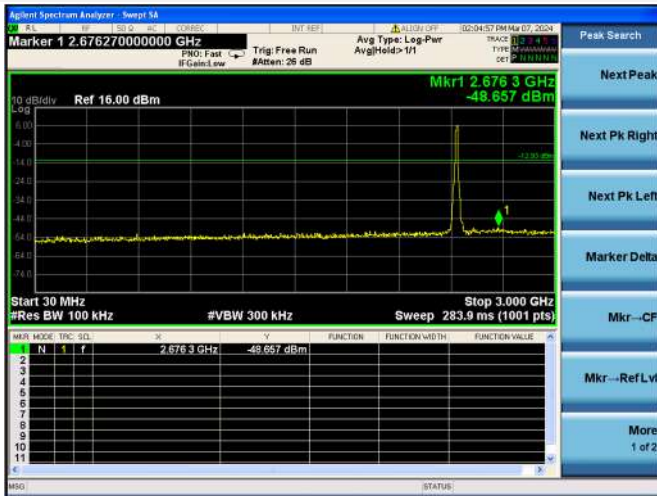
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



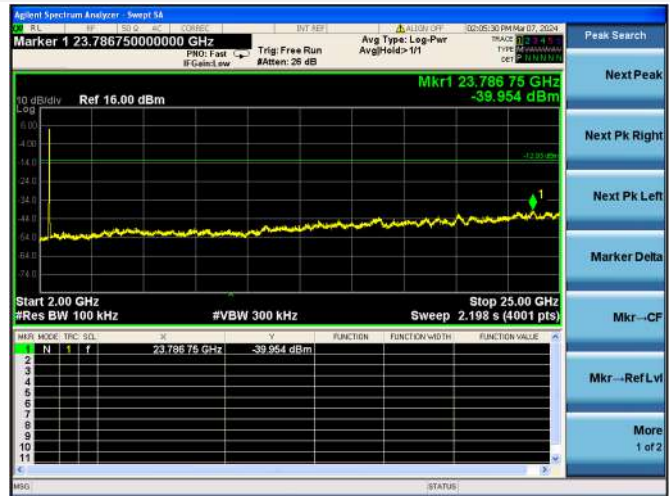
802.11g MIDDLE CHANNEL CARRIER LEVEL



802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



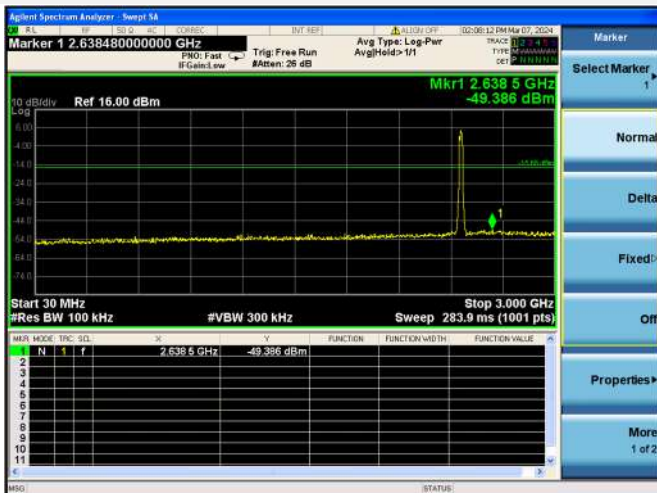
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



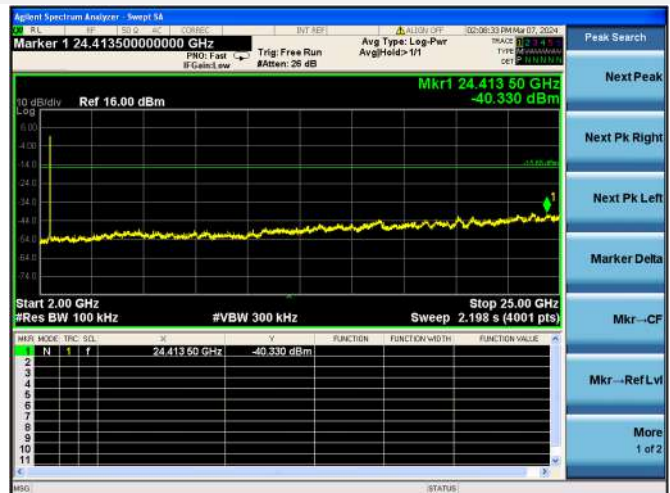
802.11g HIGH CHANNEL CARRIER LEVEL



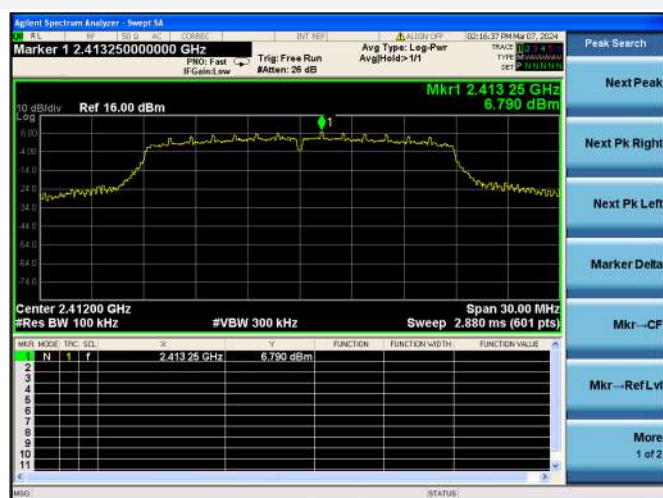
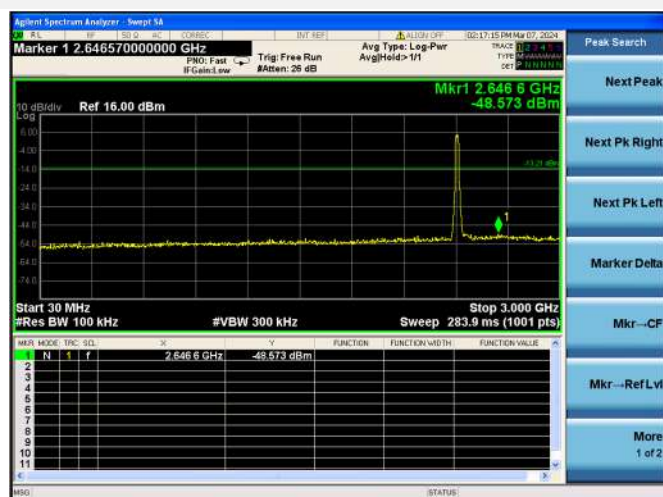
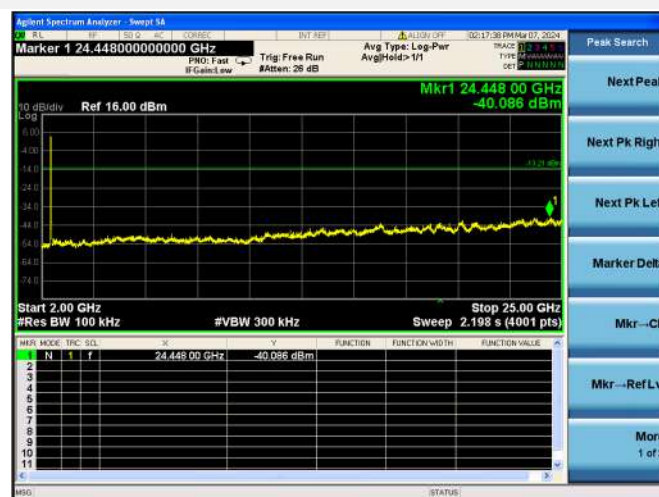
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



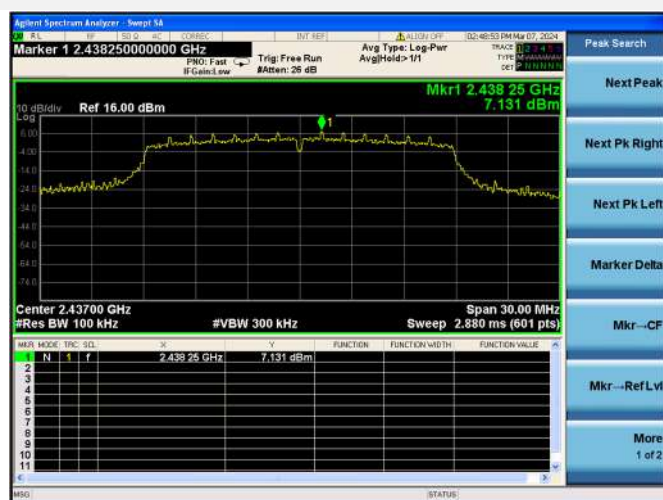
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



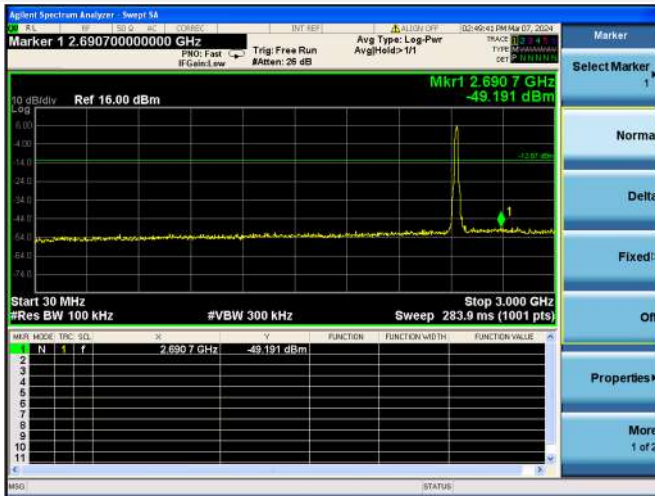
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

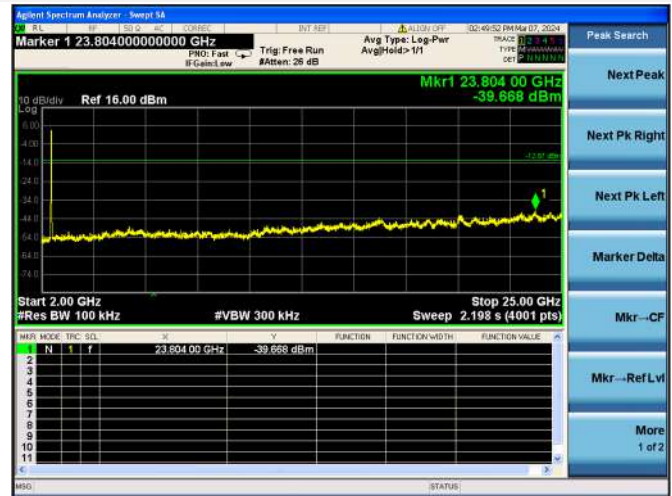
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



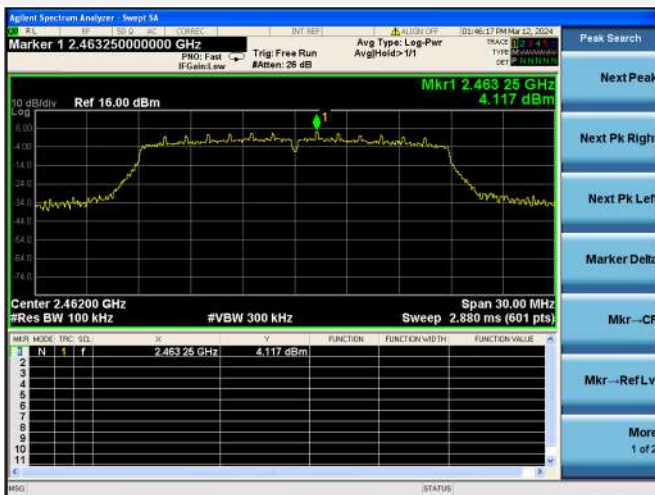
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



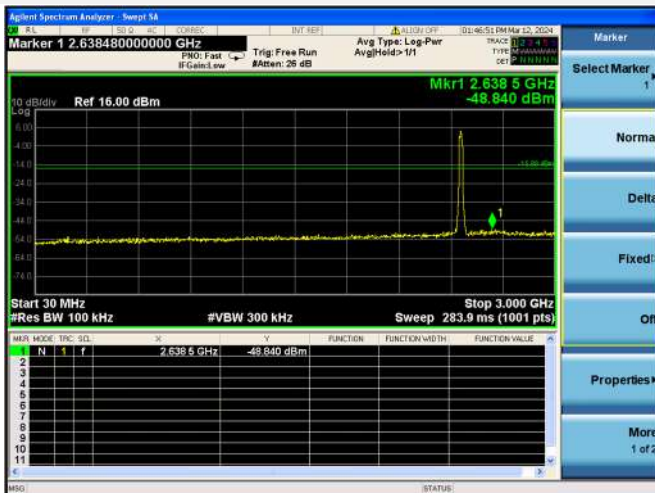
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



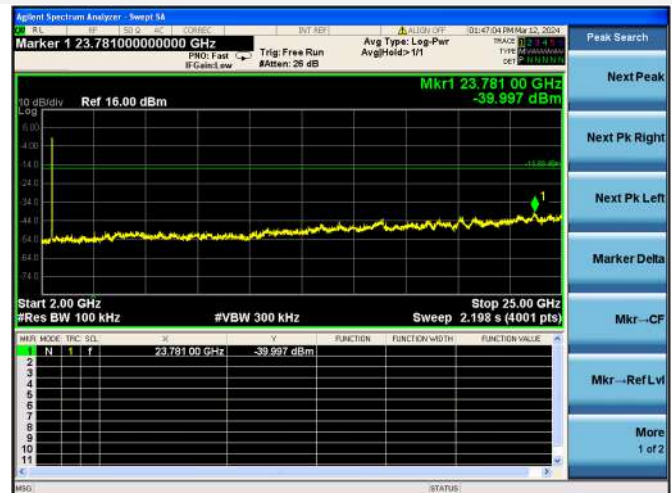
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



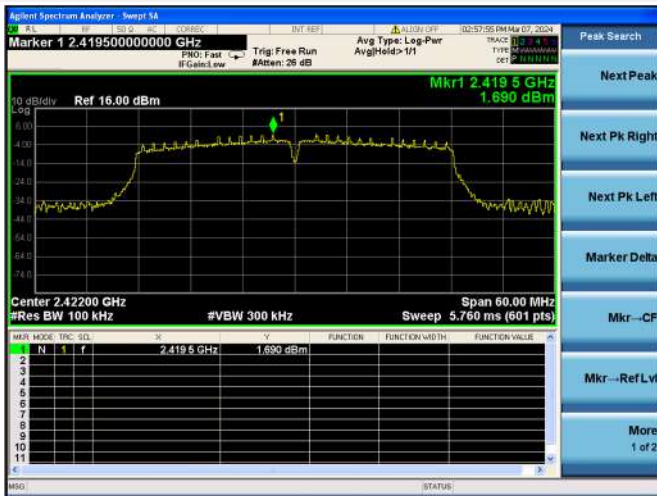
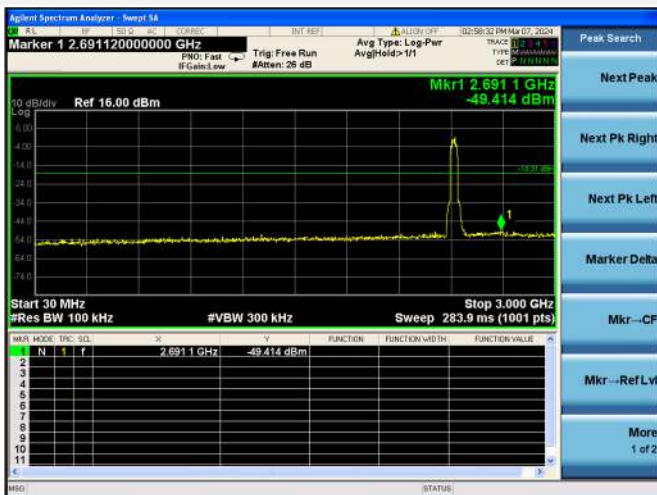
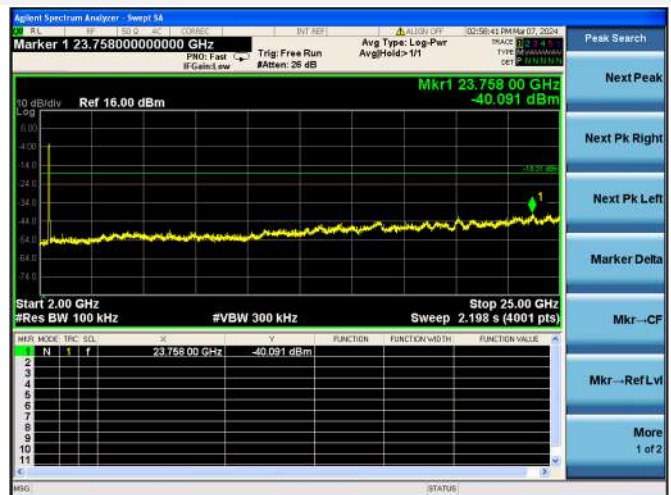
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



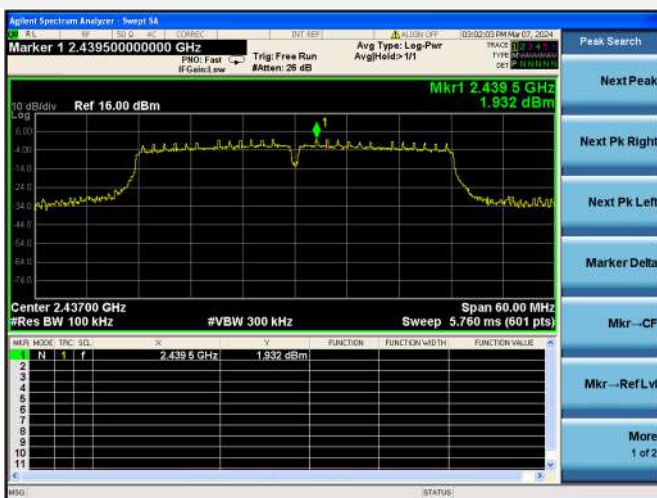
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

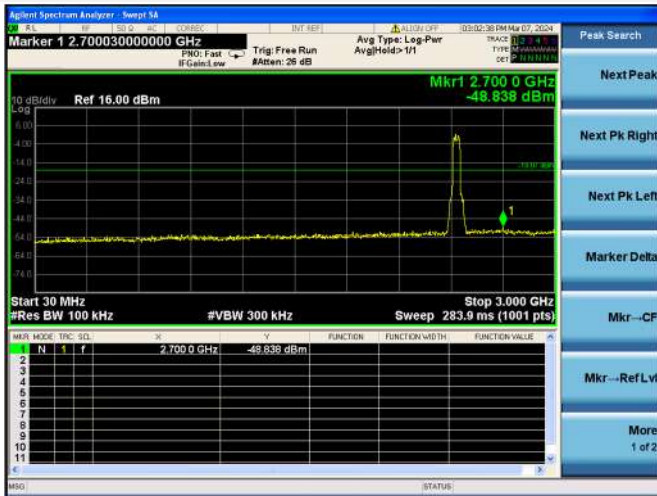
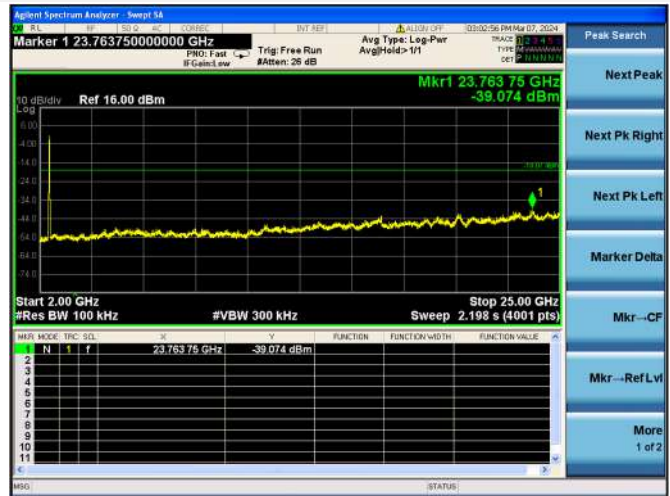


802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

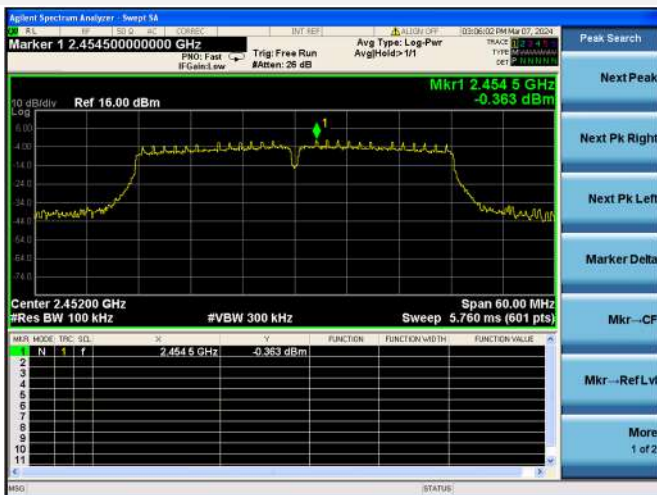
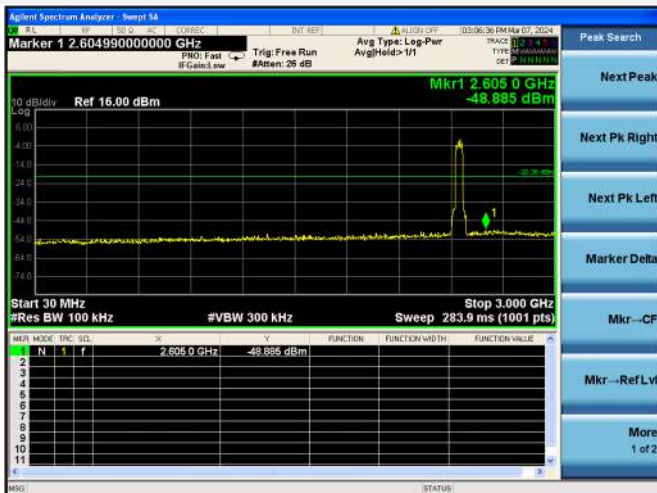
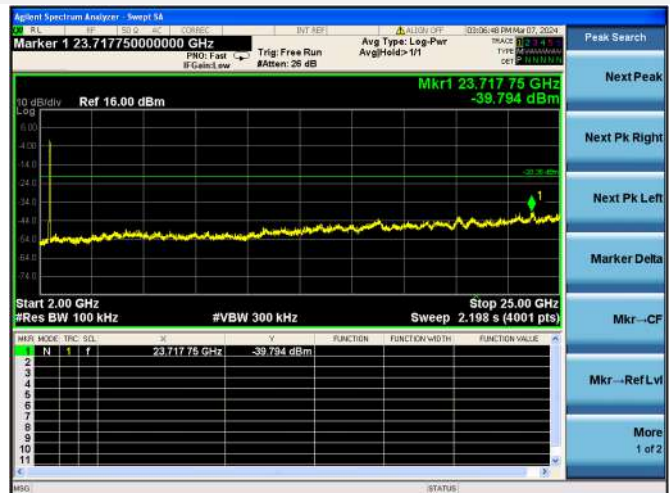
802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



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

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

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Test Data

ANT12

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.89	10.45	-9.55	Pass
High Channel	-48.18	7.16	-12.84	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.61	6.63	-13.37	Pass
High Channel	-40.29	6.60	-13.40	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-25.12	6.23	-13.77	Pass
High Channel	-37.92	6.19	-13.81	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.09	-0.60	-20.60	Pass
High Channel	-37.36	0.60	-19.40	Pass

ANT14**802.11b Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.08	9.44	-10.56	Pass
High Channel	-44.04	11.03	-8.97	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.35	7.06	-12.94	Pass
High Channel	-44.19	4.32	-15.68	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.60	6.79	-13.21	Pass
High Channel	-42.21	4.12	-15.88	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.47	1.69	-18.31	Pass
High Channel	-39.07	-0.36	-20.36	Pass

Test Plots

ANT12

802.11b LOW CHANNEL, CARRIER LEVEL



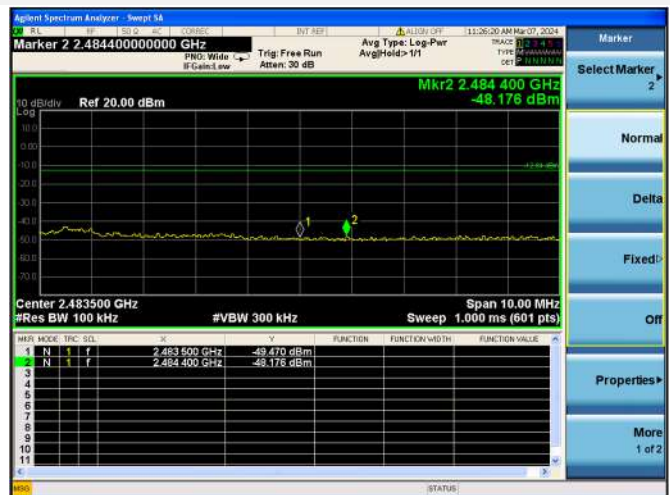
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



802.11g LOW CHANNEL, BAND EDGE



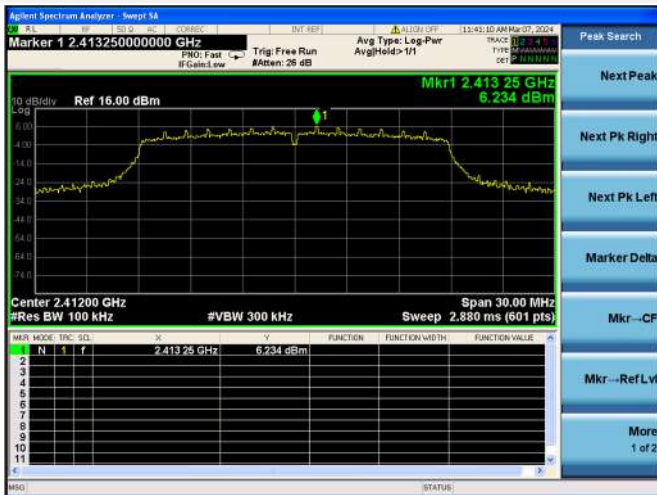
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



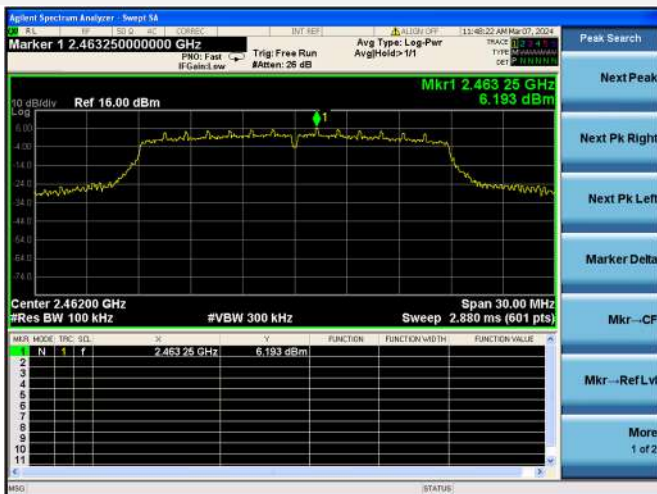
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



802.11n-20 MHz LOW CHANNEL, BAND EDGE



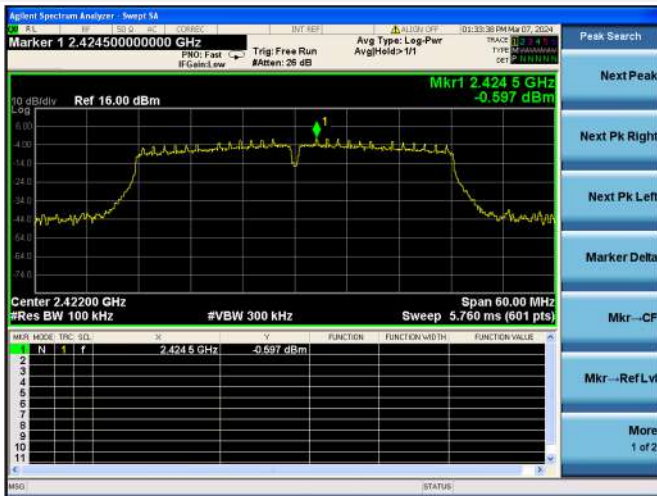
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



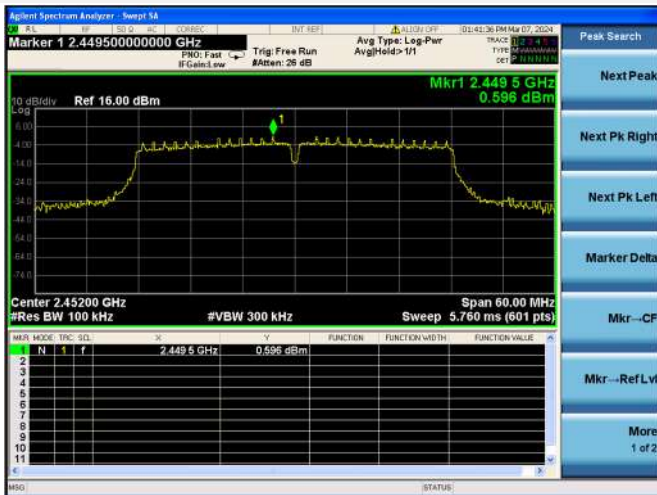
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



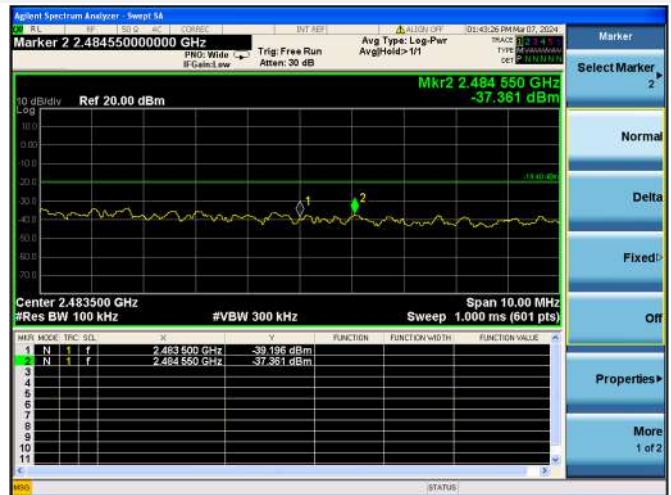
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



ANT14

802.11b LOW CHANNEL, CARRIER LEVEL



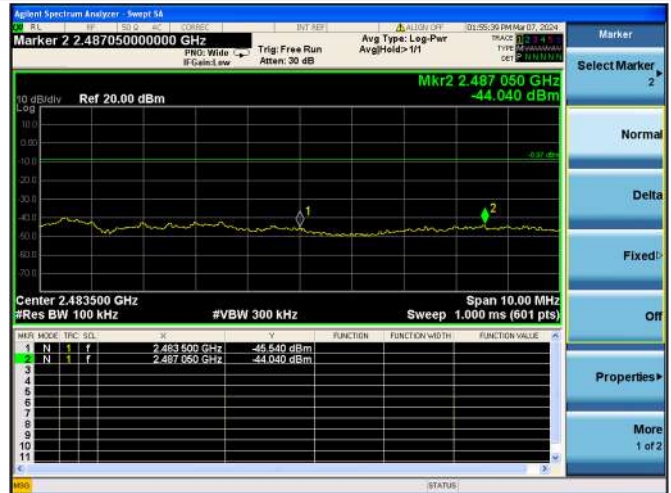
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



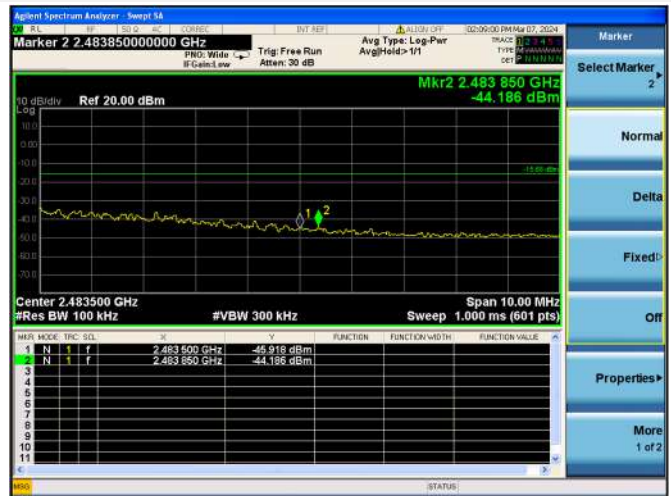
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



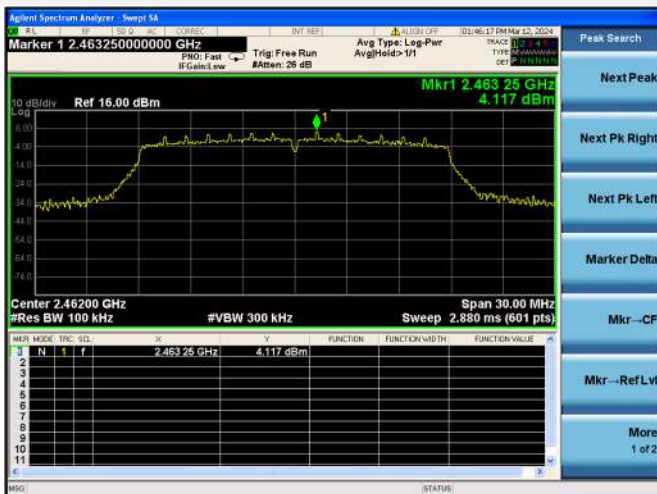
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



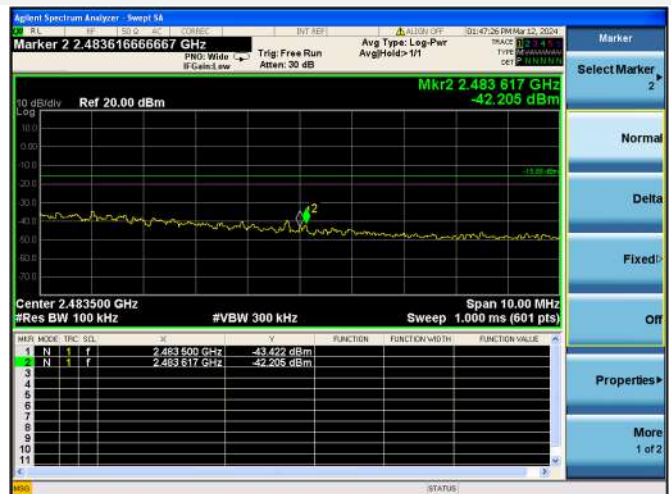
802.11n-20 MHz LOW CHANNEL, BAND EDGE



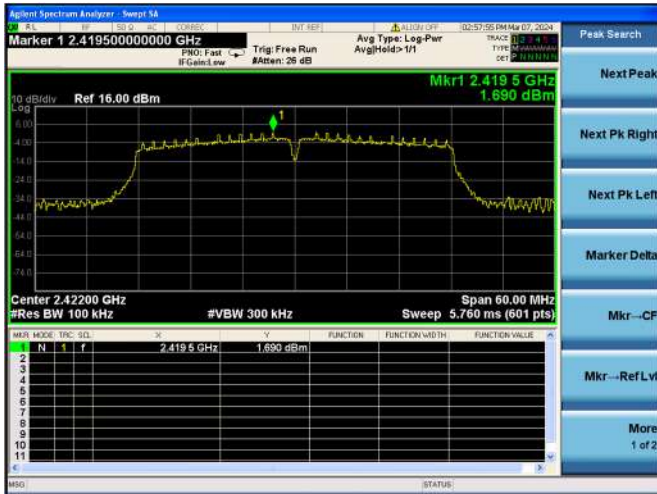
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



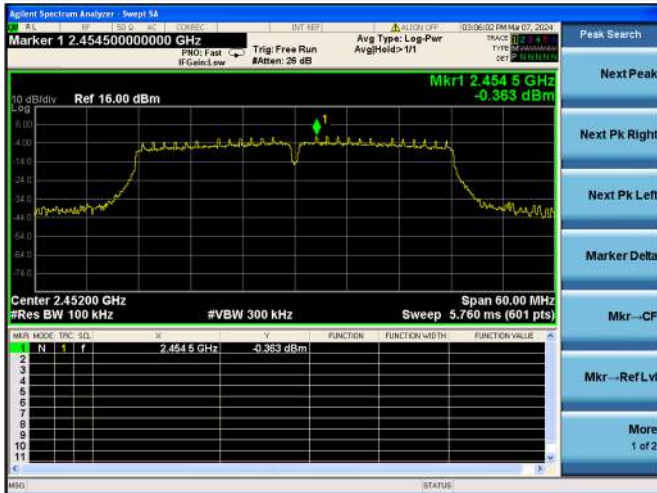
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



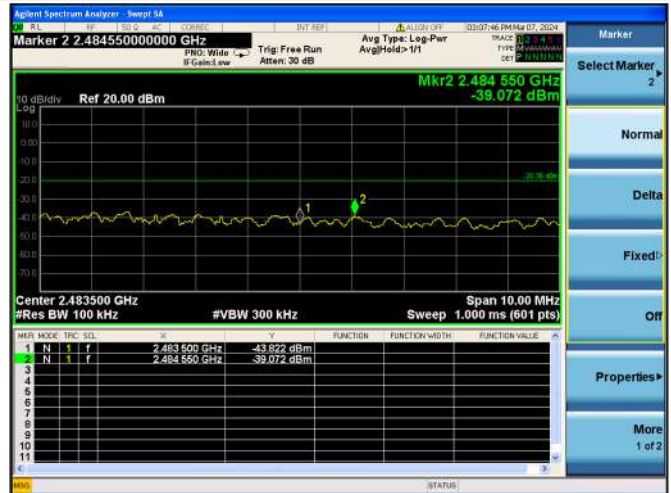
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

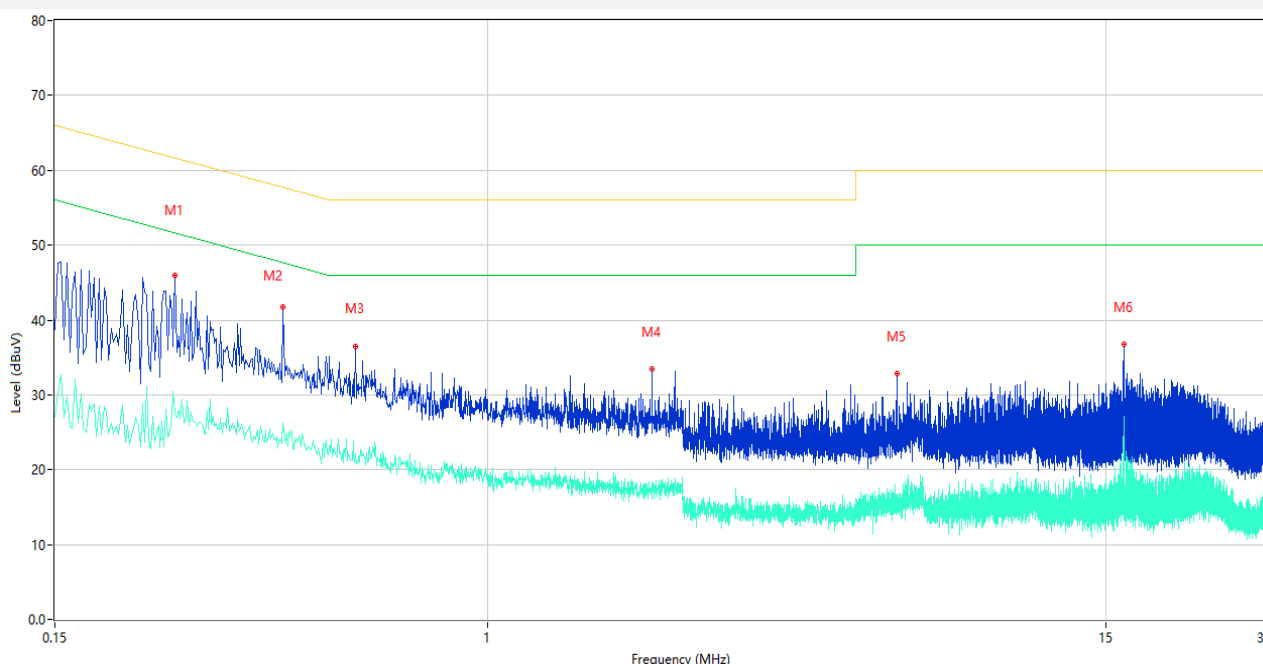
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: 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.

Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

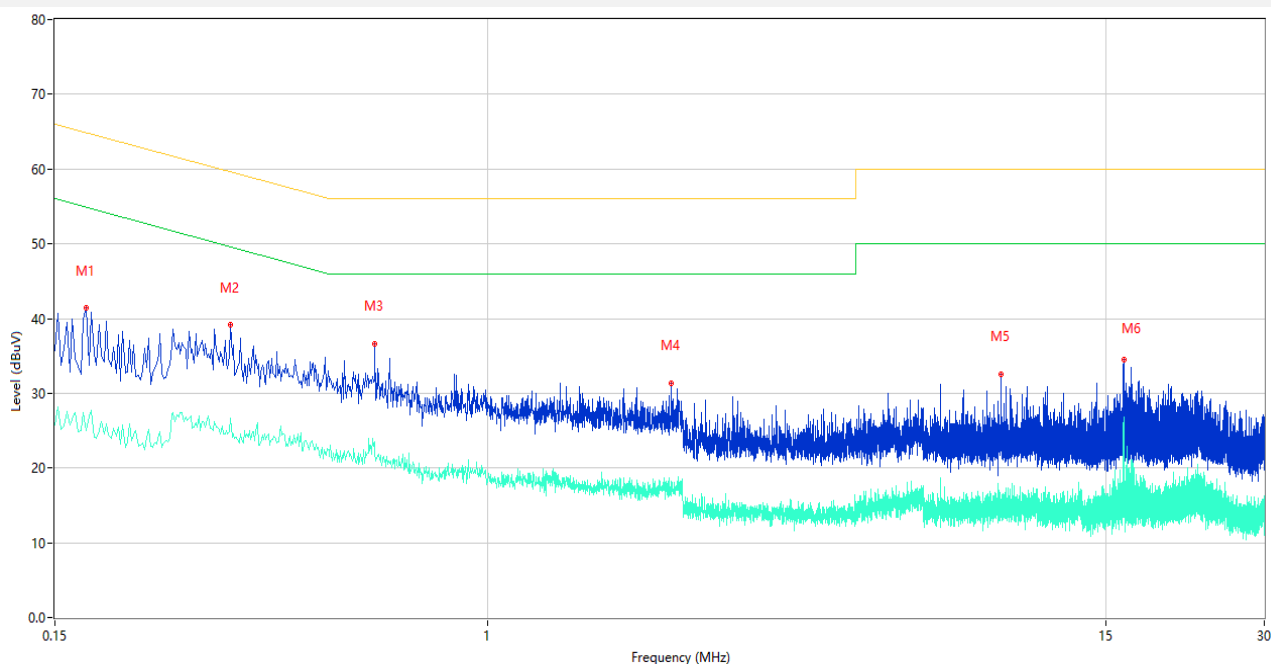
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.254	46.02	9.43	61.63	15.61	Peak	L	Pass
1**	0.254	27.64	9.43	51.63	23.99	AV	L	Pass
2	0.408	41.78	10.00	57.69	15.91	Peak	L	Pass
2**	0.408	26.25	10.00	47.69	21.44	AV	L	Pass
3	0.560	36.53	9.85	56.00	19.47	Peak	L	Pass
3**	0.560	22.12	9.85	46.00	23.88	AV	L	Pass
4	2.054	33.45	9.79	56.00	22.55	Peak	L	Pass
4**	2.054	18.32	9.79	46.00	27.68	AV	L	Pass
5	5.994	32.78	9.27	60.00	27.22	Peak	L	Pass
5**	5.994	16.77	9.27	50.00	33.23	AV	L	Pass
6	16.228	36.70	7.28	60.00	23.30	Peak	L	Pass
6**	16.228	27.08	7.28	50.00	22.92	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	41.37	9.44	64.86	23.49	Peak	N	Pass
1**	0.172	25.08	9.44	54.86	29.78	AV	N	Pass
2	0.324	39.21	9.38	59.60	20.39	Peak	N	Pass
2**	0.324	26.64	9.38	49.60	22.96	AV	N	Pass
3	0.610	36.66	9.93	56.00	19.34	Peak	N	Pass
3**	0.610	22.01	9.93	46.00	23.99	AV	N	Pass
4	2.230	31.39	9.67	56.00	24.61	Peak	N	Pass
4**	2.230	18.19	9.67	46.00	27.81	AV	N	Pass
5	9.476	32.59	8.98	60.00	27.41	Peak	N	Pass
5**	9.476	15.23	8.98	50.00	34.77	AV	N	Pass
6	16.226	34.53	7.28	60.00	25.47	Peak	N	Pass
6**	16.226	26.75	7.28	50.00	23.25	AV	N	Pass

A.6 Radiated Emission

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

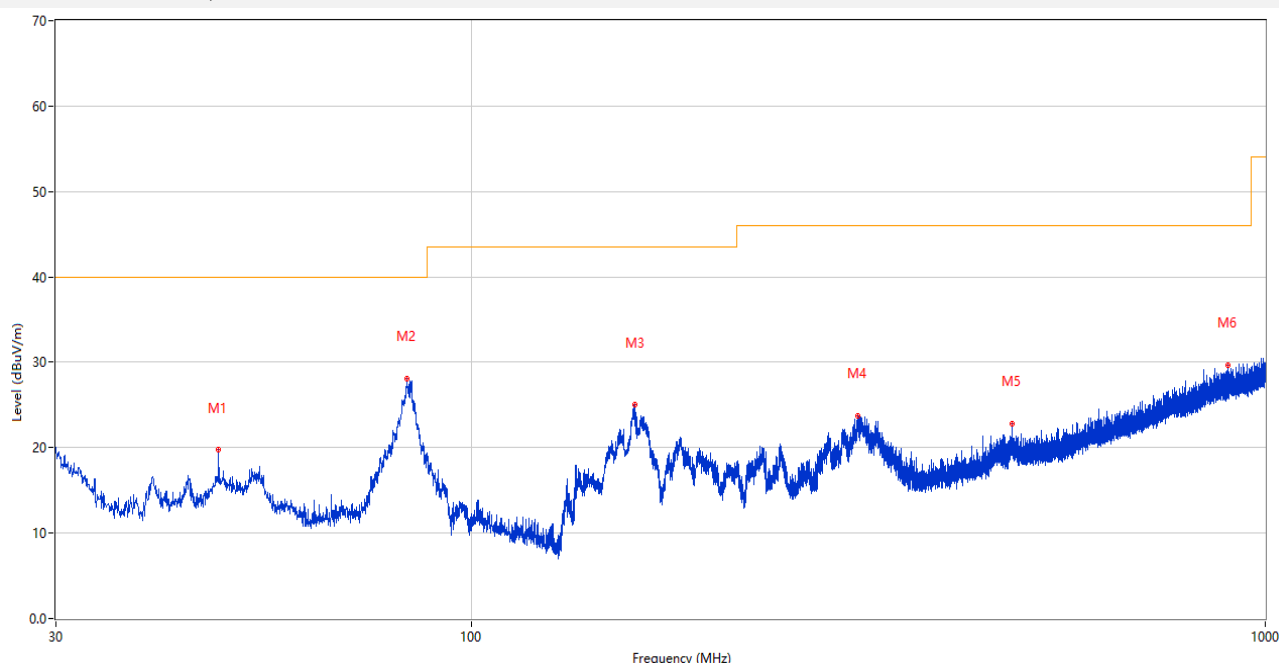
Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

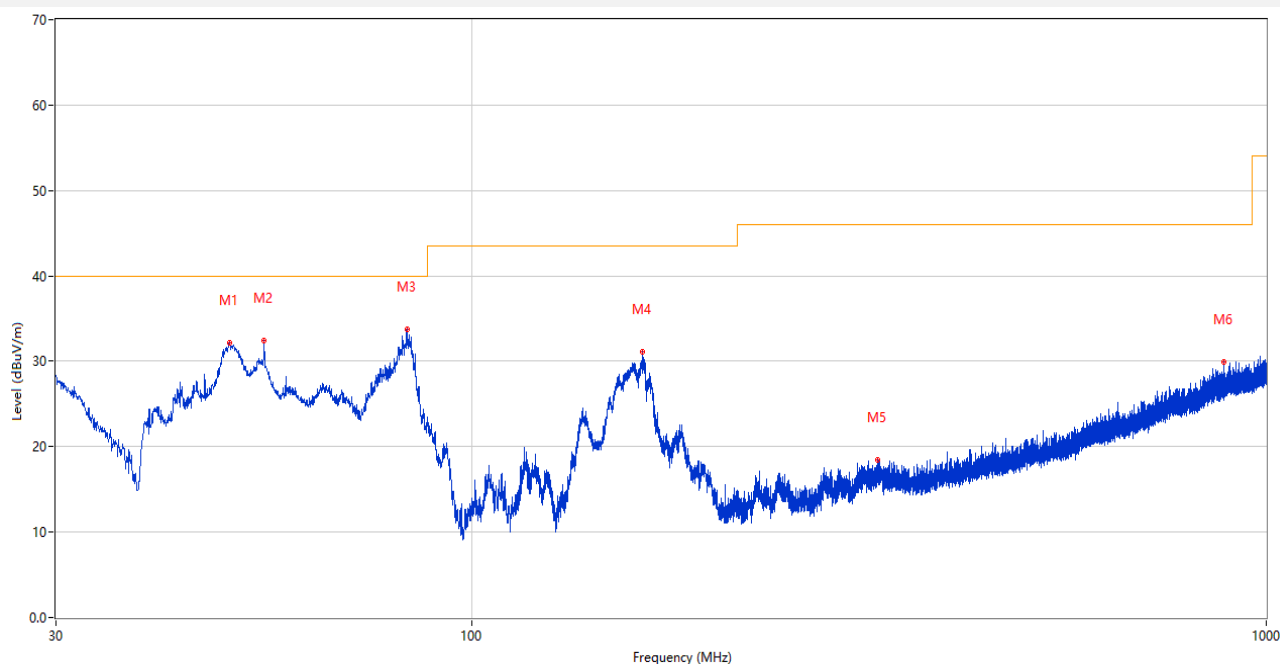
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.090	19.71	-25.41	40.0	20.29	Peak	183.00	100	Horizontal	Pass
2	82.962	28.03	-30.46	40.0	11.97	Peak	148.00	200	Horizontal	Pass
3	160.611	25.00	-29.55	43.5	18.50	Peak	207.00	200	Horizontal	Pass
4	306.838	23.71	-23.49	46.0	22.29	Peak	58.00	100	Horizontal	Pass
5	479.304	22.78	-19.22	46.0	23.22	Peak	162.00	200	Horizontal	Pass
6	896.841	29.64	-9.92	46.0	16.36	Peak	161.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.594	32.12	-25.54	40.0	7.88	Peak	185.00	100	Vertical	Pass
2	54.783	32.44	-25.71	40.0	7.56	Peak	147.00	100	Vertical	Pass
3	82.913	33.77	-30.47	40.0	6.23	Peak	144.00	100	Vertical	Pass
4	164.151	31.12	-29.35	43.5	12.38	Peak	262.00	100	Vertical	Pass
5	324.638	18.47	-22.99	46.0	27.53	Peak	360.00	100	Vertical	Pass
6	884.182	29.95	-10.19	46.0	16.05	Peak	316.00	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.

ANT12

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.300	41.36	-17.72	74.0	32.64	Peak	104.00	200	Horizontal	Pass
1**	1609.300	31.57	-17.72	54.0	22.43	AV	104.00	200	Horizontal	Pass
2	2413.100	104.82	-13.08	74.0	-30.82	Peak	199.00	150	Horizontal	N/A
2**	2413.100	102.08	-13.08	54.0	-48.08	AV	199.00	150	Horizontal	N/A
3	2978.400	50.01	-10.34	74.0	23.99	Peak	109.00	200	Horizontal	Pass
3**	2978.400	41.07	-10.34	54.0	12.93	AV	109.00	200	Horizontal	Pass
4	4824.200	53.49	-3.66	74.0	20.51	Peak	230.00	150	Horizontal	Pass
4**	4824.200	50.71	-3.66	54.0	3.29	AV	230.00	150	Horizontal	Pass
5	6954.200	52.34	-0.56	74.0	21.66	Peak	165.00	100	Horizontal	Pass
5**	6954.200	43.19	-0.56	54.0	10.81	AV	165.00	100	Horizontal	Pass
6	17996.587	55.22	5.64	74.0	18.78	Peak	237.00	300	Horizontal	Pass
6**	17996.587	45.82	5.64	54.0	8.18	AV	237.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1661.100	42.01	-17.43	74.0	31.99	Peak	230.00	300	Vertical	Pass
1**	1661.100	31.90	-17.43	54.0	22.10	AV	230.00	300	Vertical	Pass
2	2413.100	90.83	-13.08	74.0	-16.83	Peak	280.00	100	Vertical	N/A
2**	2413.100	87.88	-13.08	54.0	-33.88	AV	280.00	100	Vertical	N/A
3	2985.800	50.37	-10.14	74.0	23.63	Peak	298.00	150	Vertical	Pass
3**	2985.800	40.84	-10.14	54.0	13.16	AV	298.00	150	Vertical	Pass
4	4824.200	48.53	-3.66	74.0	25.47	Peak	168.00	150	Vertical	Pass
4**	4824.200	45.94	-3.66	54.0	8.06	AV	168.00	150	Vertical	Pass
5	6952.400	52.62	-0.53	74.0	21.38	Peak	4.00	300	Vertical	Pass
5**	6952.400	44.29	-0.53	54.0	9.71	AV	4.00	300	Vertical	Pass
6	16085.588	54.88	6.88	74.0	19.12	Peak	139.00	200	Vertical	Pass
6**	16085.588	45.04	6.88	54.0	8.96	AV	139.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.400	41.34	-17.74	74.0	32.66	Peak	184.00	300	Horizontal	Pass
1**	1606.400	32.07	-17.74	54.0	21.93	AV	184.00	300	Horizontal	Pass
2	2435.900	101.06	-12.44	74.0	-27.06	Peak	193.00	200	Horizontal	N/A
2**	2435.900	98.16	-12.44	54.0	-44.16	AV	193.00	200	Horizontal	N/A
3	2995.700	50.57	-10.10	74.0	23.43	Peak	232.00	200	Horizontal	Pass
3**	2995.700	42.02	-10.10	54.0	11.98	AV	232.00	200	Horizontal	Pass
4	4874.000	53.38	-3.62	74.0	20.62	Peak	236.00	150	Horizontal	Pass
4**	4874.000	50.57	-3.62	54.0	3.43	AV	236.00	150	Horizontal	Pass
5	6968.800	52.51	-0.44	74.0	21.49	Peak	202.00	300	Horizontal	Pass
5**	6968.800	43.29	-0.44	54.0	10.71	AV	202.00	300	Horizontal	Pass
6	17995.276	54.98	5.63	74.0	19.02	Peak	268.00	300	Horizontal	Pass
6**	17995.276	45.89	5.63	54.0	8.11	AV	268.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.700	41.62	-17.74	74.0	32.38	Peak	282.00	400	Vertical	Pass
1**	1613.700	33.39	-17.74	54.0	20.61	AV	282.00	400	Vertical	Pass
2	2435.900	88.94	-12.44	74.0	-14.94	Peak	282.00	200	Vertical	N/A
2**	2435.900	86.03	-12.44	54.0	-32.03	AV	282.00	200	Vertical	N/A
3	2980.300	50.10	-10.28	74.0	23.90	Peak	311.00	100	Vertical	Pass
3**	2980.300	41.34	-10.28	54.0	12.66	AV	311.00	100	Vertical	Pass
4	4874.200	49.35	-3.63	74.0	24.65	Peak	360.00	150	Vertical	Pass
4**	4874.200	45.11	-3.63	54.0	8.89	AV	360.00	150	Vertical	Pass
5	6955.200	52.78	-0.57	74.0	21.22	Peak	17.00	200	Vertical	Pass
5**	6955.200	43.31	-0.57	54.0	10.69	AV	17.00	200	Vertical	Pass
6	17995.536	55.32	5.63	74.0	18.68	Peak	127.00	400	Vertical	Pass
6**	17995.536	45.62	5.63	54.0	8.38	AV	127.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.400	41.35	-17.73	74.0	32.65	Peak	40.00	100	Horizontal	Pass
1**	1527.400	31.62	-17.73	54.0	22.38	AV	40.00	100	Horizontal	Pass
2	2463.200	101.71	-13.03	74.0	-27.71	Peak	182.00	200	Horizontal	N/A
2**	2463.200	98.89	-13.03	54.0	-44.89	AV	182.00	200	Horizontal	N/A
3	2961.300	49.91	-10.39	74.0	24.09	Peak	40.00	200	Horizontal	Pass
3**	2961.300	40.38	-10.39	54.0	13.62	AV	40.00	200	Horizontal	Pass
4	4924.200	53.78	-3.83	74.0	20.22	Peak	235.00	150	Horizontal	Pass
4**	4924.200	51.17	-3.83	54.0	2.83	AV	235.00	150	Horizontal	N/A
4***	4924.200	50.215	-3.83	54.0	3.785	AV	235.00	150	Horizontal	Pass
5	6886.600	52.52	-0.56	74.0	21.48	Peak	46.00	100	Horizontal	Pass
5**	6886.600	43.41	-0.56	54.0	10.59	AV	46.00	100	Horizontal	Pass
6	17994.750	55.32	5.62	74.0	18.68	Peak	360.00	200	Horizontal	Pass
6**	17994.750	45.62	5.62	54.0	8.38	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.400	41.40	-17.63	74.0	32.60	Peak	199.00	400	Vertical	Pass
1**	1565.400	31.86	-17.63	54.0	22.14	AV	199.00	400	Vertical	Pass
2	2463.100	89.35	-13.03	74.0	-15.35	Peak	297.00	150	Vertical	N/A
2**	2463.100	86.47	-13.03	54.0	-32.47	AV	297.00	150	Vertical	N/A
3	2985.500	50.27	-10.15	74.0	23.73	Peak	117.00	100	Vertical	Pass
3**	2985.500	40.93	-10.15	54.0	13.07	AV	117.00	100	Vertical	Pass
4	4924.000	48.62	-3.83	74.0	25.38	Peak	220.00	150	Vertical	Pass
4**	4924.000	44.50	-3.83	54.0	9.50	AV	220.00	150	Vertical	Pass
5	6879.000	52.60	-0.83	74.0	21.40	Peak	142.00	300	Vertical	Pass
5**	6879.000	44.01	-0.83	54.0	9.99	AV	142.00	300	Vertical	Pass
6	16105.538	55.24	6.87	74.0	18.76	Peak	120.00	400	Vertical	Pass
6**	16105.538	46.65	6.87	54.0	7.35	AV	120.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1630.300	40.97	-17.71	74.0	33.03	Peak	184.00	300	Horizontal	Pass
1**	1630.300	31.61	-17.71	54.0	22.39	AV	184.00	300	Horizontal	Pass
2	2409.900	106.45	-13.15	74.0	-32.45	Peak	205.00	100	Horizontal	N/A
2**	2409.900	98.57	-13.15	54.0	-44.57	AV	205.00	100	Horizontal	N/A
3	2980.100	50.43	-10.28	74.0	23.57	Peak	125.00	150	Horizontal	Pass
3**	2980.100	40.98	-10.28	54.0	13.02	AV	125.00	150	Horizontal	Pass
4	4823.400	50.30	-3.66	74.0	23.70	Peak	21.00	200	Horizontal	Pass
4**	4823.400	41.11	-3.66	54.0	12.89	AV	21.00	200	Horizontal	Pass
5	6975.800	52.54	-0.42	74.0	21.46	Peak	78.00	400	Horizontal	Pass
5**	6975.800	43.78	-0.42	54.0	10.22	AV	78.00	400	Horizontal	Pass
6	16099.763	55.72	6.89	74.0	18.28	Peak	331.00	300	Horizontal	Pass
6**	16099.763	46.38	6.89	54.0	7.62	AV	331.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.000	41.97	-17.77	74.0	32.03	Peak	147.00	100	Vertical	Pass
1**	1544.000	31.96	-17.77	54.0	22.04	AV	147.00	100	Vertical	Pass
2	2410.900	92.30	-13.12	74.0	-18.30	Peak	31.00	150	Vertical	N/A
2**	2410.900	84.86	-13.12	54.0	-30.86	AV	31.00	150	Vertical	N/A
3	2981.700	49.83	-10.27	74.0	24.17	Peak	241.00	200	Vertical	Pass
3**	2981.700	41.33	-10.27	54.0	12.67	AV	241.00	200	Vertical	Pass
4	4910.000	49.38	-3.62	74.0	24.62	Peak	356.00	300	Vertical	Pass
4**	4910.000	39.61	-3.62	54.0	14.39	AV	356.00	300	Vertical	Pass
5	6953.400	52.76	-0.54	74.0	21.24	Peak	264.00	100	Vertical	Pass
5**	6953.400	43.71	-0.54	54.0	10.29	AV	264.00	100	Vertical	Pass
6	15975.075	54.39	6.13	74.0	19.61	Peak	103.00	300	Vertical	Pass
6**	15975.075	44.94	6.13	54.0	9.06	AV	103.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1699.400	41.62	-17.68	74.0	32.38	Peak	133.00	400	Horizontal	Pass
1**	1699.400	31.97	-17.68	54.0	22.03	AV	133.00	400	Horizontal	Pass
2	2438.300	105.23	-12.38	74.0	-31.23	Peak	183.00	200	Horizontal	N/A
2**	2438.300	98.03	-12.38	54.0	-44.03	AV	183.00	200	Horizontal	N/A
3	2987.200	49.72	-10.14	74.0	24.28	Peak	171.00	200	Horizontal	Pass
3**	2987.200	41.17	-10.14	54.0	12.83	AV	171.00	200	Horizontal	Pass
4	4870.200	50.62	-3.61	74.0	23.38	Peak	12.00	400	Horizontal	Pass
4**	4870.200	40.73	-3.61	54.0	13.27	AV	12.00	400	Horizontal	Pass
5	6928.400	53.12	-0.37	74.0	20.88	Peak	134.00	400	Horizontal	Pass
5**	6928.400	43.86	-0.37	54.0	10.14	AV	134.00	400	Horizontal	Pass
6	16024.950	54.82	6.57	74.0	19.18	Peak	353.00	300	Horizontal	Pass
6**	16024.950	44.87	6.57	54.0	9.13	AV	353.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.200	41.40	-17.76	74.0	32.60	Peak	197.00	200	Vertical	Pass
1**	1612.200	32.63	-17.76	54.0	21.37	AV	197.00	200	Vertical	Pass
2	2435.100	94.51	-12.47	74.0	-20.51	Peak	278.00	100	Vertical	N/A
2**	2435.100	87.41	-12.47	54.0	-33.41	AV	278.00	100	Vertical	N/A
3	2932.300	50.87	-10.64	74.0	23.13	Peak	304.00	200	Vertical	Pass
3**	2932.300	40.82	-10.64	54.0	13.18	AV	304.00	200	Vertical	Pass
4	4960.600	49.24	-3.98	74.0	24.76	Peak	213.00	100	Vertical	Pass
4**	4960.600	40.13	-3.98	54.0	13.87	AV	213.00	100	Vertical	Pass
5	6985.400	52.97	-0.47	74.0	21.03	Peak	120.00	100	Vertical	Pass
5**	6985.400	43.55	-0.47	54.0	10.45	AV	120.00	100	Vertical	Pass
6	17215.912	54.83	6.09	74.0	19.17	Peak	277.00	400	Vertical	Pass
6**	17215.912	45.82	6.09	54.0	8.18	AV	277.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.300	41.66	-17.71	74.0	32.34	Peak	112.00	400	Horizontal	Pass
1**	1553.300	31.66	-17.71	54.0	22.34	AV	112.00	400	Horizontal	Pass
2	2464.200	105.73	-13.04	74.0	-31.73	Peak	205.00	150	Horizontal	N/A
2**	2464.200	99.09	-13.04	54.0	-45.09	AV	205.00	150	Horizontal	N/A
3	2998.300	50.42	-10.16	74.0	23.58	Peak	268.00	150	Horizontal	Pass
3**	2998.300	41.02	-10.16	54.0	12.98	AV	268.00	150	Horizontal	Pass
4	4915.400	50.40	-3.70	74.0	23.60	Peak	257.00	300	Horizontal	Pass
4**	4915.400	40.77	-3.70	54.0	13.23	AV	257.00	300	Horizontal	Pass
5	6946.000	52.25	-0.42	74.0	21.75	Peak	222.00	200	Horizontal	Pass
5**	6946.000	44.20	-0.42	54.0	9.80	AV	222.00	200	Horizontal	Pass
6	17265.263	55.19	6.32	74.0	18.81	Peak	299.00	200	Horizontal	Pass
6**	17265.263	45.57	6.32	54.0	8.43	AV	299.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.600	43.51	-17.74	74.0	30.49	Peak	346.00	200	Vertical	Pass
1**	1526.600	31.84	-17.74	54.0	22.16	AV	346.00	200	Vertical	Pass
2	2463.900	92.23	-13.03	74.0	-18.23	Peak	31.00	150	Vertical	N/A
2**	2463.900	84.82	-13.03	54.0	-30.82	AV	31.00	150	Vertical	N/A
3	2990.100	50.10	-10.24	74.0	23.90	Peak	138.00	150	Vertical	Pass
3**	2990.100	40.59	-10.24	54.0	13.41	AV	138.00	150	Vertical	Pass
4	4847.400	49.70	-3.43	74.0	24.30	Peak	360.00	200	Vertical	Pass
4**	4847.400	40.65	-3.43	54.0	13.35	AV	360.00	200	Vertical	Pass
5	6981.200	52.66	-0.46	74.0	21.34	Peak	356.00	400	Vertical	Pass
5**	6981.200	43.80	-0.46	54.0	10.20	AV	356.00	400	Vertical	Pass
6	16097.138	54.76	6.89	74.0	19.24	Peak	212.00	100	Vertical	Pass
6**	16097.138	45.84	6.89	54.0	8.16	AV	212.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1648.200	41.43	-17.74	74.0	32.57	Peak	114.00	100	Horizontal	Pass
1**	1648.200	32.49	-17.74	54.0	21.51	AV	114.00	100	Horizontal	Pass
2	2413.700	106.10	-13.08	74.0	-32.10	Peak	360.00	100	Horizontal	N/A
2**	2413.700	98.85	-13.08	54.0	-44.85	AV	360.00	100	Horizontal	N/A
3	2999.700	50.47	-10.12	74.0	23.53	Peak	161.00	200	Horizontal	Pass
3**	2999.700	41.73	-10.12	54.0	12.27	AV	161.00	200	Horizontal	Pass
4	4821.600	50.39	-3.64	74.0	23.61	Peak	15.00	400	Horizontal	Pass
4**	4821.600	41.10	-3.64	54.0	12.90	AV	15.00	400	Horizontal	Pass
5	6932.800	53.36	-0.38	74.0	20.64	Peak	1.00	300	Horizontal	Pass
5**	6932.800	43.24	-0.38	54.0	10.76	AV	1.00	300	Horizontal	Pass
6	16081.388	54.80	6.88	74.0	19.20	Peak	287.00	100	Horizontal	Pass
6**	16081.388	45.74	6.88	54.0	8.26	AV	287.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.400	41.35	-17.73	74.0	32.65	Peak	214.00	300	Vertical	Pass
1**	1527.400	31.93	-17.73	54.0	22.07	AV	214.00	300	Vertical	Pass
2	2409.100	92.85	-13.19	74.0	-18.85	Peak	275.00	150	Vertical	N/A
2**	2409.100	83.70	-13.19	54.0	-29.70	AV	275.00	150	Vertical	N/A
3	2980.700	50.28	-10.28	74.0	23.72	Peak	163.00	150	Vertical	Pass
3**	2980.700	40.62	-10.28	54.0	13.38	AV	163.00	150	Vertical	Pass
4	5039.800	50.12	-2.98	74.0	23.88	Peak	150.00	150	Vertical	Pass
4**	5039.800	41.09	-2.98	54.0	12.91	AV	150.00	150	Vertical	Pass
5	6952.800	52.50	-0.53	74.0	21.50	Peak	165.00	200	Vertical	Pass
5**	6952.800	43.28	-0.53	54.0	10.72	AV	165.00	200	Vertical	Pass
6	17982.151	55.04	5.51	74.0	18.96	Peak	233.00	400	Vertical	Pass
6**	17982.151	45.15	5.51	54.0	8.85	AV	233.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1665.500	41.35	-17.38	74.0	32.65	Peak	22.00	300	Horizontal	Pass
1**	1665.500	32.10	-17.38	54.0	21.90	AV	22.00	300	Horizontal	Pass
2	2438.400	105.44	-12.39	74.0	-31.44	Peak	190.00	100	Horizontal	N/A
2**	2438.400	98.80	-12.39	54.0	-44.80	AV	190.00	100	Horizontal	N/A
3	2959.400	50.71	-10.38	74.0	23.29	Peak	360.00	150	Horizontal	Pass
3**	2959.400	41.12	-10.38	54.0	12.88	AV	360.00	150	Horizontal	Pass
4	4872.400	50.46	-3.58	74.0	23.54	Peak	234.00	400	Horizontal	Pass
4**	4872.400	41.71	-3.58	54.0	12.29	AV	234.00	400	Horizontal	Pass
5	6895.800	53.10	-0.50	74.0	20.90	Peak	93.00	300	Horizontal	Pass
5**	6895.800	42.74	-0.50	54.0	11.26	AV	93.00	300	Horizontal	Pass
6	16105.012	54.87	6.87	74.0	19.13	Peak	125.00	400	Horizontal	Pass
6**	16105.012	45.50	6.87	54.0	8.50	AV	125.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1697.300	41.55	-17.67	74.0	32.45	Peak	152.00	200	Vertical	Pass
1**	1697.300	32.05	-17.67	54.0	21.95	AV	152.00	200	Vertical	Pass
2	2438.200	94.19	-12.38	74.0	-20.19	Peak	276.00	100	Vertical	N/A
2**	2438.200	87.24	-12.38	54.0	-33.24	AV	276.00	100	Vertical	N/A
3	2999.800	50.66	-10.12	74.0	23.34	Peak	32.00	150	Vertical	Pass
3**	2999.800	41.12	-10.12	54.0	12.88	AV	32.00	150	Vertical	Pass
4	5058.400	50.30	-2.94	74.0	23.70	Peak	0.00	150	Vertical	Pass
4**	5058.400	41.06	-2.94	54.0	12.94	AV	0.00	150	Vertical	Pass
5	6850.200	53.29	-1.18	74.0	20.71	Peak	122.00	200	Vertical	Pass
5**	6850.200	42.75	-1.18	54.0	11.25	AV	122.00	200	Vertical	Pass
6	16102.125	55.66	6.88	74.0	18.34	Peak	88.00	200	Vertical	Pass
6**	16102.125	46.35	6.88	54.0	7.65	AV	88.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.700	41.60	-17.53	74.0	32.40	Peak	176.00	200	Horizontal	Pass
1**	1580.700	31.75	-17.53	54.0	22.25	AV	176.00	200	Horizontal	Pass
2	2463.700	105.69	-13.03	74.0	-31.69	Peak	201.00	200	Horizontal	N/A
2**	2463.700	98.26	-13.03	54.0	-44.26	AV	201.00	200	Horizontal	N/A
3	2987.000	50.49	-10.14	74.0	23.51	Peak	197.00	150	Horizontal	Pass
3**	2987.000	41.20	-10.14	54.0	12.80	AV	197.00	150	Horizontal	Pass
4	4923.200	49.15	-3.81	74.0	24.85	Peak	201.00	200	Horizontal	Pass
4**	4923.200	41.45	-3.81	54.0	12.55	AV	201.00	200	Horizontal	Pass
5	6846.000	53.34	-1.19	74.0	20.66	Peak	79.00	400	Horizontal	Pass
5**	6846.000	43.05	-1.19	54.0	10.95	AV	79.00	400	Horizontal	Pass
6	16107.375	54.89	6.86	74.0	19.11	Peak	331.00	100	Horizontal	Pass
6**	16107.375	45.72	6.86	54.0	8.28	AV	331.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.800	42.16	-17.67	74.0	31.84	Peak	195.00	100	Vertical	Pass
1**	1521.800	32.74	-17.67	54.0	21.26	AV	195.00	100	Vertical	Pass
2	2464.700	91.70	-13.04	74.0	-17.70	Peak	282.00	200	Vertical	N/A
2**	2464.700	83.83	-13.04	54.0	-29.83	AV	282.00	200	Vertical	N/A
3	2993.300	50.01	-10.11	74.0	23.99	Peak	343.00	150	Vertical	Pass
3**	2993.300	40.89	-10.11	54.0	13.11	AV	343.00	150	Vertical	Pass
4	4877.200	49.41	-3.58	74.0	24.59	Peak	9.00	200	Vertical	Pass
4**	4877.200	39.88	-3.58	54.0	14.12	AV	9.00	200	Vertical	Pass
5	6953.200	53.53	-0.54	74.0	20.47	Peak	360.00	200	Vertical	Pass
5**	6953.200	43.78	-0.54	54.0	10.22	AV	360.00	200	Vertical	Pass
6	16096.349	55.12	6.89	74.0	18.88	Peak	360.00	400	Vertical	Pass
6**	16096.349	45.77	6.89	54.0	8.23	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1698.600	41.69	-17.68	74.0	32.31	Peak	125.00	400	Horizontal	Pass
1**	1698.600	32.70	-17.68	54.0	21.30	AV	125.00	400	Horizontal	Pass
2	2420.300	103.13	-12.75	74.0	-29.13	Peak	356.00	100	Horizontal	N/A
2**	2420.300	95.71	-12.75	54.0	-41.71	AV	356.00	100	Horizontal	N/A
3	2973.600	50.43	-10.47	74.0	23.57	Peak	61.00	150	Horizontal	Pass
3**	2973.600	41.45	-10.47	54.0	12.55	AV	61.00	150	Horizontal	Pass
4	4902.800	49.71	-3.59	74.0	24.29	Peak	286.00	200	Horizontal	Pass
4**	4902.800	40.05	-3.59	54.0	13.95	AV	286.00	200	Horizontal	Pass
5	6904.200	52.32	-0.42	74.0	21.68	Peak	249.00	100	Horizontal	Pass
5**	6904.200	43.29	-0.42	54.0	10.71	AV	249.00	100	Horizontal	Pass
6	17998.426	55.07	5.66	74.0	18.93	Peak	360.00	400	Horizontal	Pass
6**	17998.426	44.99	5.66	54.0	9.01	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.000	41.49	-17.70	74.0	32.51	Peak	255.00	400	Vertical	Pass
1**	1549.000	31.86	-17.70	54.0	22.14	AV	255.00	400	Vertical	Pass
2	2425.200	89.83	-12.51	74.0	-15.83	Peak	345.00	100	Vertical	N/A
2**	2425.200	81.81	-12.51	54.0	-27.81	AV	345.00	100	Vertical	N/A
3	2983.200	50.61	-10.23	74.0	23.39	Peak	182.00	200	Vertical	Pass
3**	2983.200	40.63	-10.23	54.0	13.37	AV	182.00	200	Vertical	Pass
4	4843.600	48.99	-3.53	74.0	25.01	Peak	305.00	200	Vertical	Pass
4**	4843.600	39.87	-3.53	54.0	14.13	AV	305.00	200	Vertical	Pass
5	6936.400	52.40	-0.41	74.0	21.60	Peak	149.00	200	Vertical	Pass
5**	6936.400	44.09	-0.41	54.0	9.91	AV	149.00	200	Vertical	Pass
6	16091.362	55.38	6.89	74.0	18.62	Peak	360.00	400	Vertical	Pass
6**	16091.362	46.23	6.89	54.0	7.77	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.200	41.74	-17.62	74.0	32.26	Peak	258.00	100	Horizontal	Pass
1**	1587.200	31.45	-17.62	54.0	22.55	AV	258.00	100	Horizontal	Pass
2	2435.500	100.76	-12.46	74.0	-26.76	Peak	182.00	150	Horizontal	N/A
2**	2435.500	93.06	-12.46	54.0	-39.06	AV	182.00	150	Horizontal	N/A
3	2993.800	50.82	-10.08	74.0	23.18	Peak	332.00	150	Horizontal	Pass
3**	2993.800	41.05	-10.08	54.0	12.95	AV	332.00	150	Horizontal	Pass
4	4887.800	49.25	-3.57	74.0	24.75	Peak	264.00	200	Horizontal	Pass
4**	4887.800	39.86	-3.57	54.0	14.14	AV	264.00	200	Horizontal	Pass
5	6960.000	52.41	-0.53	74.0	21.59	Peak	87.00	300	Horizontal	Pass
5**	6960.000	43.64	-0.53	54.0	10.36	AV	87.00	300	Horizontal	Pass
6	16086.901	55.31	6.88	74.0	18.69	Peak	110.00	100	Horizontal	Pass
6**	16086.901	46.67	6.88	54.0	7.33	AV	110.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.400	41.63	-17.60	74.0	32.37	Peak	241.00	400	Vertical	Pass
1**	1570.400	32.16	-17.60	54.0	21.84	AV	241.00	400	Vertical	Pass
2	2431.700	89.87	-12.49	74.0	-15.87	Peak	341.00	100	Vertical	N/A
2**	2431.700	82.99	-12.49	54.0	-28.99	AV	341.00	100	Vertical	N/A
3	2987.000	49.94	-10.14	74.0	24.06	Peak	10.00	100	Vertical	Pass
3**	2987.000	41.15	-10.14	54.0	12.85	AV	10.00	100	Vertical	Pass
4	4983.800	49.78	-3.82	74.0	24.22	Peak	82.00	200	Vertical	Pass
4**	4983.800	40.11	-3.82	54.0	13.89	AV	82.00	200	Vertical	Pass
5	6972.200	52.52	-0.39	74.0	21.48	Peak	188.00	200	Vertical	Pass
5**	6972.200	43.32	-0.39	54.0	10.68	AV	188.00	200	Vertical	Pass
6	17998.426	54.66	5.66	74.0	19.34	Peak	5.00	400	Vertical	Pass
6**	17998.426	46.60	5.66	54.0	7.40	AV	5.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.200	41.77	-17.73	74.0	32.23	Peak	5.00	200	Horizontal	Pass
1**	1598.200	32.07	-17.73	54.0	21.93	AV	5.00	200	Horizontal	Pass
2	2460.100	100.57	-13.16	74.0	-26.57	Peak	197.00	150	Horizontal	N/A
2**	2460.100	92.69	-13.16	54.0	-38.69	AV	197.00	150	Horizontal	N/A
3	2979.100	50.71	-10.29	74.0	23.29	Peak	352.00	200	Horizontal	Pass
3**	2979.100	40.95	-10.29	54.0	13.05	AV	352.00	200	Horizontal	Pass
4	5050.600	50.14	-2.94	74.0	23.86	Peak	350.00	150	Horizontal	Pass
4**	5050.600	40.49	-2.94	54.0	13.51	AV	350.00	150	Horizontal	Pass
5	6960.000	52.65	-0.53	74.0	21.35	Peak	230.00	400	Horizontal	Pass
5**	6960.000	43.19	-0.53	54.0	10.81	AV	230.00	400	Horizontal	Pass
6	17217.225	55.14	6.10	74.0	18.86	Peak	69.00	200	Horizontal	Pass
6**	17217.225	45.26	6.10	54.0	8.74	AV	69.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.000	40.40	-19.63	74.0	33.60	Peak	0.00	400	Vertical	Pass
1**	1511.000	30.86	-19.63	54.0	23.14	AV	0.00	400	Vertical	Pass
2	2449.400	89.29	-13.18	74.0	-15.29	Peak	330.00	150	Vertical	N/A
2**	2449.400	81.42	-13.18	54.0	-27.42	AV	330.00	150	Vertical	N/A
3	2910.400	48.19	-11.92	74.0	25.81	Peak	340.00	200	Vertical	Pass
3**	2910.400	40.18	-11.92	54.0	13.82	AV	340.00	200	Vertical	Pass
4	4938.750	48.62	-4.09	74.0	25.38	Peak	0.00	100	Vertical	Pass
4**	4938.750	39.63	-4.09	54.0	14.37	AV	0.00	100	Vertical	Pass
5	7861.750	53.54	0.13	74.0	20.46	Peak	54.00	300	Vertical	Pass
5**	7861.750	45.13	0.13	54.0	8.87	AV	54.00	300	Vertical	Pass
6	17795.000	48.49	6.37	74.0	25.51	Peak	136.00	100	Vertical	Pass
6**	17795.000	41.86	6.37	54.0	12.14	AV	136.00	100	Vertical	Pass

ANT14**1 GHz to 18 GHz, ANT H 802.11b Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1292.000	41.43	-17.51	74.0	32.57	Peak	135.00	150	Horizontal	Pass
1**	1292.000	31.08	-17.51	54.0	22.92	AV	135.00	150	Horizontal	Pass
2	2413.200	103.60	-13.08	74.0	-29.60	Peak	93.00	100	Horizontal	N/A
2**	2413.200	100.73	-13.08	54.0	-46.73	AV	93.00	100	Horizontal	N/A
3	2978.900	50.17	-10.30	74.0	23.83	Peak	267.00	200	Horizontal	Pass
3**	2978.900	41.37	-10.30	54.0	12.63	AV	267.00	200	Horizontal	Pass
4	4824.200	53.62	-3.66	74.0	20.38	Peak	122.00	150	Horizontal	Pass
4**	4824.200	51.06	-3.66	54.0	2.94	AV	122.00	150	Horizontal	N/A
4***	4824.200	50.644	-3.66	54.0	3.356	AV	122.00	150	Horizontal	Pass
5	6977.000	53.08	-0.43	74.0	20.92	Peak	0.00	100	Horizontal	Pass
5**	6977.000	42.92	-0.43	54.0	11.08	AV	0.00	100	Horizontal	Pass
6	16087.162	54.73	6.89	74.0	19.27	Peak	343.00	400	Horizontal	Pass
6**	16087.162	45.77	6.89	54.0	8.23	AV	343.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.300	42.24	-17.58	74.0	31.76	Peak	329.00	400	Vertical	Pass
1**	1568.300	32.38	-17.58	54.0	21.62	AV	329.00	400	Vertical	Pass
2	2413.200	94.22	-13.08	74.0	-20.22	Peak	31.00	200	Vertical	N/A
2**	2413.200	91.29	-13.08	54.0	-37.29	AV	31.00	200	Vertical	N/A
3	2941.600	49.79	-10.63	74.0	24.21	Peak	329.00	150	Vertical	Pass
3**	2941.600	40.35	-10.63	54.0	13.65	AV	329.00	150	Vertical	Pass
4	4824.200	50.79	-3.66	74.0	23.21	Peak	287.00	150	Vertical	Pass
4**	4824.200	46.64	-3.66	54.0	7.36	AV	287.00	150	Vertical	Pass
5	6919.200	53.51	-0.25	74.0	20.49	Peak	38.00	400	Vertical	Pass
5**	6919.200	43.12	-0.25	54.0	10.88	AV	38.00	400	Vertical	Pass
6	17295.974	54.89	6.53	74.0	19.11	Peak	307.00	300	Vertical	Pass
6**	17295.974	45.72	6.53	54.0	8.28	AV	307.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1659.100	41.10	-17.52	74.0	32.90	Peak	249.00	100	Horizontal	Pass
1**	1659.100	31.95	-17.52	54.0	22.05	AV	249.00	100	Horizontal	Pass
2	2435.800	102.71	-12.44	74.0	-28.71	Peak	90.00	200	Horizontal	N/A
2**	2435.800	99.80	-12.44	54.0	-45.80	AV	90.00	200	Horizontal	N/A
3	2948.800	50.10	-10.37	74.0	23.90	Peak	145.00	100	Horizontal	Pass
3**	2948.800	40.01	-10.37	54.0	13.99	AV	145.00	100	Horizontal	Pass
4	4874.200	53.19	-3.63	74.0	20.81	Peak	110.00	150	Horizontal	Pass
4**	4874.200	50.73	-3.63	54.0	3.27	AV	110.00	150	Horizontal	Pass
5	6957.600	52.30	-0.57	74.0	21.70	Peak	89.00	100	Horizontal	Pass
5**	6957.600	42.99	-0.57	54.0	11.01	AV	89.00	100	Horizontal	Pass
6	17266.051	54.95	6.32	74.0	19.05	Peak	319.00	300	Horizontal	Pass
6**	17266.051	46.42	6.32	54.0	7.58	AV	319.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.700	41.34	-17.69	74.0	32.66	Peak	5.00	200	Vertical	Pass
1**	1604.700	33.10	-17.69	54.0	20.90	AV	5.00	200	Vertical	Pass
2	2435.900	91.58	-12.44	74.0	-17.58	Peak	347.00	150	Vertical	N/A
2**	2435.900	88.76	-12.44	54.0	-34.76	AV	347.00	150	Vertical	N/A
3	2987.100	50.06	-10.14	74.0	23.94	Peak	309.00	100	Vertical	Pass
3**	2987.100	40.93	-10.14	54.0	13.07	AV	309.00	100	Vertical	Pass
4	4874.200	49.75	-3.63	74.0	24.25	Peak	285.00	150	Vertical	Pass
4**	4874.200	45.35	-3.63	54.0	8.65	AV	285.00	150	Vertical	Pass
5	6989.000	52.21	-0.41	74.0	21.79	Peak	256.00	300	Vertical	Pass
5**	6989.000	43.57	-0.41	54.0	10.43	AV	256.00	300	Vertical	Pass
6	17913.113	55.49	5.48	74.0	18.51	Peak	144.00	400	Vertical	Pass
6**	17913.113	44.65	5.48	54.0	9.35	AV	144.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.200	41.53	-17.70	74.0	32.47	Peak	48.00	200	Horizontal	Pass
1**	1605.200	31.85	-17.70	54.0	22.15	AV	48.00	200	Horizontal	Pass
2	2463.200	103.70	-13.03	74.0	-29.70	Peak	91.00	200	Horizontal	N/A
2**	2463.200	101.01	-13.03	54.0	-47.01	AV	91.00	200	Horizontal	N/A
3	2990.300	49.81	-10.24	74.0	24.19	Peak	146.00	200	Horizontal	Pass
3**	2990.300	41.00	-10.24	54.0	13.00	AV	146.00	200	Horizontal	Pass
4	4924.200	53.77	-3.83	74.0	20.23	Peak	121.00	150	Horizontal	Pass
4**	4924.200	51.68	-3.83	54.0	2.32	AV	121.00	150	Horizontal	N/A
4***	4924.200	50.201	-3.83	54.0	3.799	AV	121.00	150	Horizontal	Pass
5	6943.400	52.67	-0.41	74.0	21.33	Peak	250.00	100	Horizontal	Pass
5**	6943.400	43.65	-0.41	54.0	10.35	AV	250.00	100	Horizontal	Pass
6	17205.150	55.31	6.01	74.0	18.69	Peak	2.00	100	Horizontal	Pass
6**	17205.150	44.99	6.01	54.0	9.01	AV	2.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.300	41.50	-17.73	74.0	32.50	Peak	334.00	100	Vertical	Pass
1**	1622.300	31.99	-17.73	54.0	22.01	AV	334.00	100	Vertical	Pass
2	2463.100	91.85	-13.03	74.0	-17.85	Peak	71.00	200	Vertical	N/A
2**	2463.100	89.05	-13.03	54.0	-35.05	AV	71.00	200	Vertical	N/A
3	2970.700	50.31	-10.62	74.0	23.69	Peak	273.00	150	Vertical	Pass
3**	2970.700	40.59	-10.62	54.0	13.41	AV	273.00	150	Vertical	Pass
4	4924.200	48.66	-3.83	74.0	25.34	Peak	349.00	150	Vertical	Pass
4**	4924.200	45.25	-3.83	54.0	8.75	AV	349.00	150	Vertical	Pass
5	6953.600	52.73	-0.54	74.0	21.27	Peak	181.00	400	Vertical	Pass
5**	6953.600	43.31	-0.54	54.0	10.69	AV	181.00	400	Vertical	Pass
6	16060.125	55.09	6.79	74.0	18.91	Peak	34.00	100	Vertical	Pass
6**	16060.125	45.71	6.79	54.0	8.29	AV	34.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1672.300	41.34	-17.46	74.0	32.66	Peak	292.00	300	Horizontal	Pass
1**	1672.300	31.76	-17.46	54.0	22.24	AV	292.00	300	Horizontal	Pass
2	2413.600	105.55	-13.08	74.0	-31.55	Peak	102.00	100	Horizontal	N/A
2**	2413.600	98.18	-13.08	54.0	-44.18	AV	102.00	100	Horizontal	N/A
3	2955.400	50.54	-10.24	74.0	23.46	Peak	318.00	100	Horizontal	Pass
3**	2955.400	40.89	-10.24	54.0	13.11	AV	318.00	100	Horizontal	Pass
4	4977.600	49.67	-3.84	74.0	24.33	Peak	244.00	200	Horizontal	Pass
4**	4977.600	40.30	-3.84	54.0	13.70	AV	244.00	200	Horizontal	Pass
5	6967.200	52.47	-0.47	74.0	21.53	Peak	130.00	300	Horizontal	Pass
5**	6967.200	43.33	-0.47	54.0	10.67	AV	130.00	300	Horizontal	Pass
6	17798.662	55.16	5.32	74.0	18.84	Peak	244.00	300	Horizontal	Pass
6**	17798.662	44.41	5.32	54.0	9.59	AV	244.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.900	42.50	-17.73	74.0	31.50	Peak	331.00	100	Vertical	Pass
1**	1502.900	31.31	-17.73	54.0	22.69	AV	331.00	100	Vertical	Pass
2	2413.100	95.13	-13.08	74.0	-21.13	Peak	322.00	200	Vertical	N/A
2**	2413.100	87.76	-13.08	54.0	-33.76	AV	322.00	200	Vertical	N/A
3	2939.200	50.44	-10.71	74.0	23.56	Peak	314.00	100	Vertical	Pass
3**	2939.200	40.06	-10.71	54.0	13.94	AV	314.00	100	Vertical	Pass
4	4936.800	49.81	-3.93	74.0	24.19	Peak	10.00	300	Vertical	Pass
4**	4936.800	42.28	-3.93	54.0	11.72	AV	10.00	300	Vertical	Pass
5	6896.000	53.17	-0.49	74.0	20.83	Peak	80.00	300	Vertical	Pass
5**	6896.000	42.74	-0.49	54.0	11.26	AV	80.00	300	Vertical	Pass
6	17986.087	55.41	5.54	74.0	18.59	Peak	113.00	200	Vertical	Pass
6**	17986.087	45.39	5.54	54.0	8.61	AV	113.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1648.500	40.98	-17.73	74.0	33.02	Peak	289.00	400	Horizontal	Pass
1**	1648.500	32.26	-17.73	54.0	21.74	AV	289.00	400	Horizontal	Pass
2	2435.800	106.74	-12.44	74.0	-32.74	Peak	0.00	150	Horizontal	N/A
2**	2435.800	99.40	-12.44	54.0	-45.40	AV	0.00	150	Horizontal	N/A
3	2977.500	49.82	-10.39	74.0	24.18	Peak	129.00	200	Horizontal	Pass
3**	2977.500	41.36	-10.39	54.0	12.64	AV	129.00	200	Horizontal	Pass
4	4872.400	48.17	-3.58	74.0	25.83	Peak	121.00	150	Horizontal	Pass
4**	4872.400	44.97	-3.58	54.0	9.03	AV	121.00	150	Horizontal	Pass
5	6953.600	52.70	-0.54	74.0	21.30	Peak	99.00	400	Horizontal	Pass
5**	6953.600	43.45	-0.54	54.0	10.55	AV	99.00	400	Horizontal	Pass
6	16103.437	55.15	6.88	74.0	18.85	Peak	58.00	200	Horizontal	Pass
6**	16103.437	45.23	6.88	54.0	8.77	AV	58.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.900	41.85	-17.67	74.0	32.15	Peak	238.00	100	Vertical	Pass
1**	1536.900	31.48	-17.67	54.0	22.52	AV	238.00	100	Vertical	Pass
2	2437.300	98.43	-12.36	74.0	-24.43	Peak	325.00	150	Vertical	N/A
2**	2437.300	91.15	-12.36	54.0	-37.15	AV	325.00	150	Vertical	N/A
3	2979.000	50.55	-10.30	74.0	23.45	Peak	0.00	100	Vertical	Pass
3**	2979.000	40.90	-10.30	54.0	13.10	AV	0.00	100	Vertical	Pass
4	4956.800	49.55	-3.95	74.0	24.45	Peak	258.00	200	Vertical	Pass
4**	4956.800	39.50	-3.95	54.0	14.50	AV	258.00	200	Vertical	Pass
5	6915.000	52.97	-0.15	74.0	21.03	Peak	244.00	200	Vertical	Pass
5**	6915.000	43.22	-0.15	54.0	10.78	AV	244.00	200	Vertical	Pass
6	17282.589	54.72	6.43	74.0	19.28	Peak	201.00	300	Vertical	Pass
6**	17282.589	46.13	6.43	54.0	7.87	AV	201.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1649.200	41.41	-17.71	74.0	32.59	Peak	238.00	100	Horizontal	Pass
1**	1649.200	32.20	-17.71	54.0	21.80	AV	238.00	100	Horizontal	Pass
2	2463.200	105.41	-13.03	74.0	-31.41	Peak	96.00	100	Horizontal	N/A
2**	2463.200	97.57	-13.03	54.0	-43.57	AV	96.00	100	Horizontal	N/A
3	2962.700	50.03	-10.39	74.0	23.97	Peak	360.00	100	Horizontal	Pass
3**	2962.700	41.04	-10.39	54.0	12.96	AV	360.00	100	Horizontal	Pass
4	4924.000	49.52	-3.83	74.0	24.48	Peak	360.00	150	Horizontal	Pass
4**	4924.000	41.08	-3.83	54.0	12.92	AV	360.00	150	Horizontal	Pass
5	6970.000	52.69	-0.43	74.0	21.31	Peak	251.00	200	Horizontal	Pass
5**	6970.000	44.39	-0.43	54.0	9.61	AV	251.00	200	Horizontal	Pass
6	17800.761	54.79	5.32	74.0	19.21	Peak	146.00	400	Horizontal	Pass
6**	17800.761	45.79	5.32	54.0	8.21	AV	146.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.800	41.78	-17.74	74.0	32.22	Peak	238.00	300	Vertical	Pass
1**	1526.800	32.33	-17.74	54.0	21.67	AV	238.00	300	Vertical	Pass
2	2463.100	95.82	-13.03	74.0	-21.82	Peak	324.00	100	Vertical	N/A
2**	2463.100	88.35	-13.03	54.0	-34.35	AV	324.00	100	Vertical	N/A
3	2942.100	50.11	-10.61	74.0	23.89	Peak	251.00	150	Vertical	Pass
3**	2942.100	40.94	-10.61	54.0	13.06	AV	251.00	150	Vertical	Pass
4	5024.600	50.41	-3.15	74.0	23.59	Peak	165.00	150	Vertical	Pass
4**	5024.600	40.05	-3.15	54.0	13.95	AV	165.00	150	Vertical	Pass
5	6981.400	52.72	-0.47	74.0	21.28	Peak	17.00	200	Vertical	Pass
5**	6981.400	43.79	-0.47	54.0	10.21	AV	17.00	200	Vertical	Pass
6	16032.562	55.07	6.61	74.0	18.93	Peak	6.00	100	Vertical	Pass
6**	16032.562	45.47	6.61	54.0	8.53	AV	6.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.900	41.56	-17.73	74.0	32.44	Peak	69.00	300	Horizontal	Pass
1**	1605.900	31.25	-17.73	54.0	22.75	AV	69.00	300	Horizontal	Pass
2	2413.500	105.82	-13.08	74.0	-31.82	Peak	98.00	200	Horizontal	N/A
2**	2413.500	99.18	-13.08	54.0	-45.18	AV	98.00	200	Horizontal	N/A
3	2983.900	50.51	-10.21	74.0	23.49	Peak	331.00	100	Horizontal	Pass
3**	2983.900	41.37	-10.21	54.0	12.63	AV	331.00	100	Horizontal	Pass
4	4820.600	49.32	-3.61	74.0	24.68	Peak	19.00	150	Horizontal	Pass
4**	4820.600	41.55	-3.61	54.0	12.45	AV	19.00	150	Horizontal	Pass
5	6959.000	52.44	-0.53	74.0	21.56	Peak	286.00	100	Horizontal	Pass
5**	6959.000	43.80	-0.53	54.0	10.20	AV	286.00	100	Horizontal	Pass
6	16055.663	54.58	6.75	74.0	19.42	Peak	179.00	300	Horizontal	Pass
6**	16055.663	45.60	6.75	54.0	8.40	AV	179.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1589.800	41.84	-17.72	74.0	32.16	Peak	154.00	400	Vertical	Pass
1**	1589.800	32.25	-17.72	54.0	21.75	AV	154.00	400	Vertical	Pass
2	2413.800	95.12	-13.08	74.0	-21.12	Peak	6.00	200	Vertical	N/A
2**	2413.800	86.91	-13.08	54.0	-32.91	AV	6.00	200	Vertical	N/A
3	2955.500	50.82	-10.23	74.0	23.18	Peak	299.00	200	Vertical	Pass
3**	2955.500	40.42	-10.23	54.0	13.58	AV	299.00	200	Vertical	Pass
4	4905.800	49.31	-3.54	74.0	24.69	Peak	279.00	400	Vertical	Pass
4**	4905.800	39.88	-3.54	54.0	14.12	AV	279.00	400	Vertical	Pass
5	6880.000	52.35	-0.79	74.0	21.65	Peak	342.00	400	Vertical	Pass
5**	6880.000	43.45	-0.79	54.0	10.55	AV	342.00	400	Vertical	Pass
6	16075.612	55.74	6.88	74.0	18.26	Peak	103.00	100	Vertical	Pass
6**	16075.612	46.93	6.88	54.0	7.07	AV	103.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1661.900	41.60	-17.37	74.0	32.40	Peak	107.00	100	Horizontal	Pass
1**	1661.900	31.78	-17.37	54.0	22.22	AV	107.00	100	Horizontal	Pass
2	2438.200	106.22	-12.38	74.0	-32.22	Peak	0.00	100	Horizontal	N/A
2**	2438.200	99.27	-12.38	54.0	-45.27	AV	0.00	100	Horizontal	N/A
3	2955.400	50.31	-10.24	74.0	23.69	Peak	271.00	100	Horizontal	Pass
3**	2955.400	40.58	-10.24	54.0	13.42	AV	271.00	100	Horizontal	Pass
4	4876.200	49.31	-3.60	74.0	24.69	Peak	132.00	150	Horizontal	Pass
4**	4876.200	45.12	-3.60	54.0	8.88	AV	132.00	150	Horizontal	Pass
5	6965.400	53.20	-0.52	74.0	20.80	Peak	360.00	400	Horizontal	Pass
5**	6965.400	43.65	-0.52	54.0	10.35	AV	360.00	400	Horizontal	Pass
6	15964.575	54.59	6.00	74.0	19.41	Peak	224.00	400	Horizontal	Pass
6**	15964.575	44.71	6.00	54.0	9.29	AV	224.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.300	41.39	-17.65	74.0	32.61	Peak	164.00	300	Vertical	Pass
1**	1586.300	32.09	-17.65	54.0	21.91	AV	164.00	300	Vertical	Pass
2	2436.100	98.81	-12.43	74.0	-24.81	Peak	324.00	100	Vertical	N/A
2**	2436.100	92.97	-12.43	54.0	-38.97	AV	324.00	100	Vertical	N/A
3	2991.600	51.35	-10.21	74.0	22.65	Peak	338.00	100	Vertical	Pass
3**	2991.600	40.26	-10.21	54.0	13.74	AV	338.00	100	Vertical	Pass
4	4981.200	49.15	-3.85	74.0	24.85	Peak	0.00	100	Vertical	Pass
4**	4981.200	40.16	-3.85	54.0	13.84	AV	0.00	100	Vertical	Pass
5	6911.400	52.55	-0.30	74.0	21.45	Peak	82.00	100	Vertical	Pass
5**	6911.400	43.82	-0.30	54.0	10.18	AV	82.00	100	Vertical	Pass
6	17260.276	54.71	6.28	74.0	19.29	Peak	211.00	200	Vertical	Pass
6**	17260.276	45.96	6.28	54.0	8.04	AV	211.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.800	41.83	-17.61	74.0	32.17	Peak	158.00	100	Horizontal	Pass
1**	1566.800	31.97	-17.61	54.0	22.03	AV	158.00	100	Horizontal	Pass
2	2463.400	105.15	-13.03	74.0	-31.15	Peak	359.00	100	Horizontal	N/A
2**	2463.400	97.65	-13.03	54.0	-43.65	AV	359.00	100	Horizontal	N/A
3	2963.400	50.89	-10.43	74.0	23.11	Peak	133.00	150	Horizontal	Pass
3**	2963.400	41.13	-10.43	54.0	12.87	AV	133.00	150	Horizontal	Pass
4	4935.200	49.33	-3.90	74.0	24.67	Peak	10.00	100	Horizontal	Pass
4**	4935.200	40.22	-3.90	54.0	13.78	AV	10.00	100	Horizontal	Pass
5	6957.400	52.96	-0.57	74.0	21.04	Peak	2.00	300	Horizontal	Pass
5**	6957.400	43.10	-0.57	54.0	10.90	AV	2.00	300	Horizontal	Pass
6	16104.225	55.55	6.87	74.0	18.45	Peak	137.00	300	Horizontal	Pass
6**	16104.225	45.62	6.87	54.0	8.38	AV	137.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.900	41.56	-17.79	74.0	32.44	Peak	170.00	100	Vertical	Pass
1**	1510.900	31.71	-17.79	54.0	22.29	AV	170.00	100	Vertical	Pass
2	2459.800	96.09	-13.17	74.0	-22.09	Peak	322.00	100	Vertical	N/A
2**	2459.800	88.40	-13.17	54.0	-34.40	AV	322.00	100	Vertical	N/A
3	2960.500	50.42	-10.40	74.0	23.58	Peak	318.00	150	Vertical	Pass
3**	2960.500	41.16	-10.40	54.0	12.84	AV	318.00	150	Vertical	Pass
4	5059.600	50.12	-2.94	74.0	23.88	Peak	23.00	150	Vertical	Pass
4**	5059.600	40.89	-2.94	54.0	13.11	AV	23.00	150	Vertical	Pass
5	6895.600	52.71	-0.51	74.0	21.29	Peak	360.00	100	Vertical	Pass
5**	6895.600	43.54	-0.51	54.0	10.46	AV	360.00	100	Vertical	Pass
6	17295.450	55.43	6.52	74.0	18.57	Peak	331.00	100	Vertical	Pass
6**	17295.450	45.26	6.52	54.0	8.74	AV	331.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1649.900	42.00	-17.70	74.0	32.00	Peak	271.00	400	Horizontal	Pass
1**	1649.900	32.33	-17.70	54.0	21.67	AV	271.00	400	Horizontal	Pass
2	2418.700	102.49	-12.81	74.0	-28.49	Peak	97.00	150	Horizontal	N/A
2**	2418.700	95.59	-12.81	54.0	-41.59	AV	97.00	150	Horizontal	N/A
3	2981.600	50.79	-10.28	74.0	23.21	Peak	321.00	200	Horizontal	Pass
3**	2981.600	40.84	-10.28	54.0	13.16	AV	321.00	200	Horizontal	Pass
4	4945.600	49.36	-3.87	74.0	24.64	Peak	264.00	100	Horizontal	Pass
4**	4945.600	39.54	-3.87	54.0	14.46	AV	264.00	100	Horizontal	Pass
5	6950.000	52.76	-0.47	74.0	21.24	Peak	117.00	300	Horizontal	Pass
5**	6950.000	42.97	-0.47	54.0	11.03	AV	117.00	300	Horizontal	Pass
6	16100.550	55.02	6.89	74.0	18.98	Peak	246.00	400	Horizontal	Pass
6**	16100.550	45.63	6.89	54.0	8.37	AV	246.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1630.300	41.50	-17.71	74.0	32.50	Peak	352.00	200	Vertical	Pass
1**	1630.300	33.34	-17.71	54.0	20.66	AV	352.00	200	Vertical	Pass
2	2427.400	93.42	-12.52	74.0	-19.42	Peak	323.00	100	Vertical	N/A
2**	2427.400	85.74	-12.52	54.0	-31.74	AV	323.00	100	Vertical	N/A
3	2963.400	50.54	-10.43	74.0	23.46	Peak	71.00	200	Vertical	Pass
3**	2963.400	42.01	-10.43	54.0	11.99	AV	71.00	200	Vertical	Pass
4	4867.200	49.30	-3.55	74.0	24.70	Peak	68.00	300	Vertical	Pass
4**	4867.200	39.93	-3.55	54.0	14.07	AV	68.00	300	Vertical	Pass
5	6887.800	52.50	-0.54	74.0	21.50	Peak	360.00	400	Vertical	Pass
5**	6887.800	42.79	-0.54	54.0	11.21	AV	360.00	400	Vertical	Pass
6	17246.099	54.61	6.21	74.0	19.39	Peak	342.00	200	Vertical	Pass
6**	17246.099	45.40	6.21	54.0	8.60	AV	342.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.100	41.66	-17.59	74.0	32.34	Peak	141.00	400	Horizontal	Pass
1**	1568.100	31.75	-17.59	54.0	22.25	AV	141.00	400	Horizontal	Pass
2	2429.800	101.71	-12.54	74.0	-27.71	Peak	94.00	150	Horizontal	N/A
2**	2429.800	94.44	-12.54	54.0	-40.44	AV	94.00	150	Horizontal	N/A
3	2959.200	50.62	-10.37	74.0	23.38	Peak	301.00	200	Horizontal	Pass
3**	2959.200	40.89	-10.37	54.0	13.11	AV	301.00	200	Horizontal	Pass
4	4944.800	49.48	-3.87	74.0	24.52	Peak	189.00	300	Horizontal	Pass
4**	4944.800	40.52	-3.87	54.0	13.48	AV	189.00	300	Horizontal	Pass
5	6974.400	52.69	-0.40	74.0	21.31	Peak	223.00	100	Horizontal	Pass
5**	6974.400	44.20	-0.40	54.0	9.80	AV	223.00	100	Horizontal	Pass
6	16114.725	55.27	6.82	74.0	18.73	Peak	80.00	100	Horizontal	Pass
6**	16114.725	44.75	6.82	54.0	9.25	AV	80.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.500	41.18	-17.73	74.0	32.82	Peak	90.00	100	Vertical	Pass
1**	1527.500	31.87	-17.73	54.0	22.13	AV	90.00	100	Vertical	Pass
2	2435.500	93.10	-12.46	74.0	-19.10	Peak	323.00	200	Vertical	N/A
2**	2435.500	85.63	-12.46	54.0	-31.63	AV	323.00	200	Vertical	N/A
3	2990.000	49.81	-10.24	74.0	24.19	Peak	48.00	200	Vertical	Pass
3**	2990.000	40.64	-10.24	54.0	13.36	AV	48.00	200	Vertical	Pass
4	4884.400	49.34	-3.63	74.0	24.66	Peak	0.00	200	Vertical	Pass
4**	4884.400	40.11	-3.63	54.0	13.89	AV	0.00	200	Vertical	Pass
5	6993.200	52.52	-0.41	74.0	21.48	Peak	278.00	100	Vertical	Pass
5**	6993.200	43.42	-0.41	54.0	10.58	AV	278.00	100	Vertical	Pass
6	16177.463	55.50	6.30	74.0	18.50	Peak	59.00	100	Vertical	Pass
6**	16177.463	44.75	6.30	54.0	9.25	AV	59.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.400	41.30	-17.71	74.0	32.70	Peak	223.00	100	Horizontal	Pass
1**	1618.400	31.80	-17.71	54.0	22.20	AV	223.00	100	Horizontal	Pass
2	2453.700	101.46	-13.06	74.0	-27.46	Peak	356.00	150	Horizontal	N/A
2**	2453.700	94.14	-13.06	54.0	-40.14	AV	356.00	150	Horizontal	N/A
3	2995.400	50.15	-10.09	74.0	23.85	Peak	356.00	150	Horizontal	Pass
3**	2995.400	40.61	-10.09	54.0	13.39	AV	356.00	150	Horizontal	Pass
4	4822.800	49.60	-3.65	74.0	24.40	Peak	15.00	400	Horizontal	Pass
4**	4822.800	39.89	-3.65	54.0	14.11	AV	15.00	400	Horizontal	Pass
5	6951.000	52.88	-0.51	74.0	21.12	Peak	225.00	300	Horizontal	Pass
5**	6951.000	43.36	-0.51	54.0	10.64	AV	225.00	300	Horizontal	Pass
6	16087.950	54.96	6.89	74.0	19.04	Peak	17.00	300	Horizontal	Pass
6**	16087.950	45.66	6.89	54.0	8.34	AV	17.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1674.000	41.56	-17.54	74.0	32.44	Peak	256.00	300	Vertical	Pass
1**	1674.000	32.54	-17.54	54.0	21.46	AV	256.00	300	Vertical	Pass
2	2439.000	92.68	-12.41	74.0	-18.68	Peak	321.00	200	Vertical	N/A
2**	2439.000	85.58	-12.41	54.0	-31.58	AV	321.00	200	Vertical	N/A
3	2959.500	51.24	-10.38	74.0	22.76	Peak	308.00	150	Vertical	Pass
3**	2959.500	42.18	-10.38	54.0	11.82	AV	308.00	150	Vertical	Pass
4	4877.400	49.45	-3.59	74.0	24.55	Peak	101.00	200	Vertical	Pass
4**	4877.400	39.70	-3.59	54.0	14.30	AV	101.00	200	Vertical	Pass
5	6993.000	52.92	-0.41	74.0	21.08	Peak	221.00	300	Vertical	Pass
5**	6993.000	43.49	-0.41	54.0	10.51	AV	221.00	300	Vertical	Pass
6	17257.912	54.79	6.27	74.0	19.21	Peak	0.00	100	Vertical	Pass
6**	17257.912	46.12	6.27	54.0	7.88	AV	0.00	100	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.

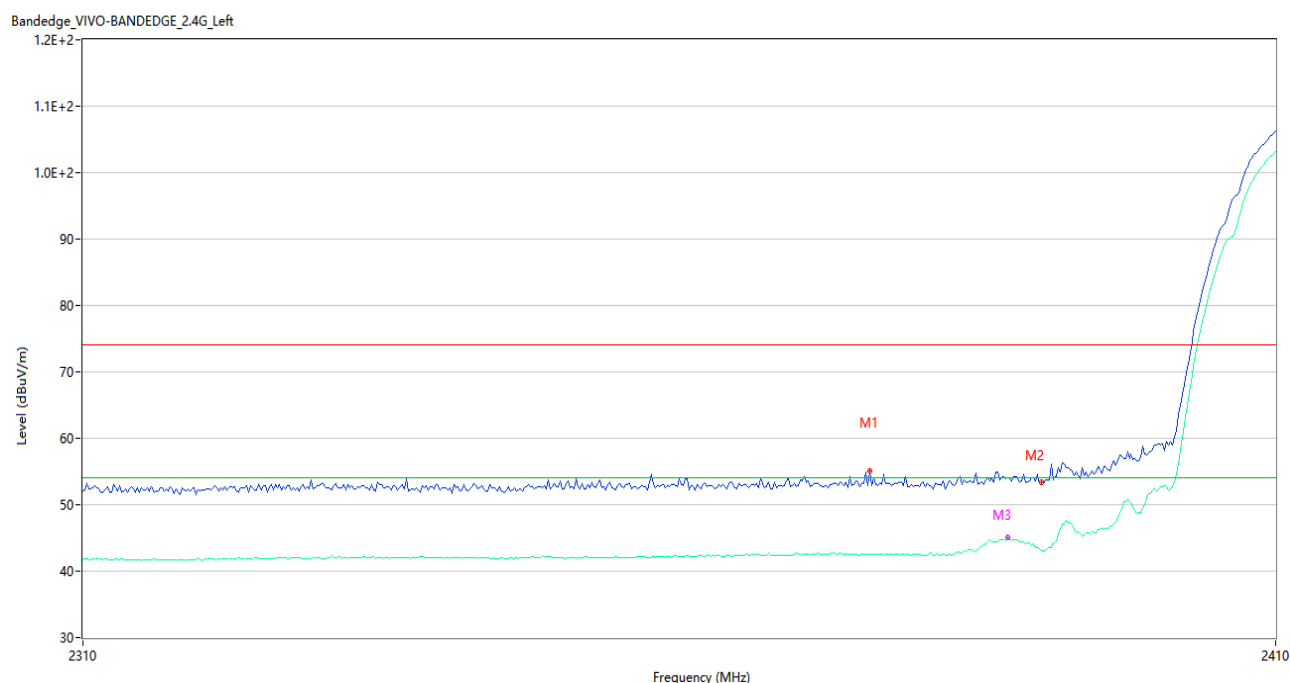
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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 and Plots

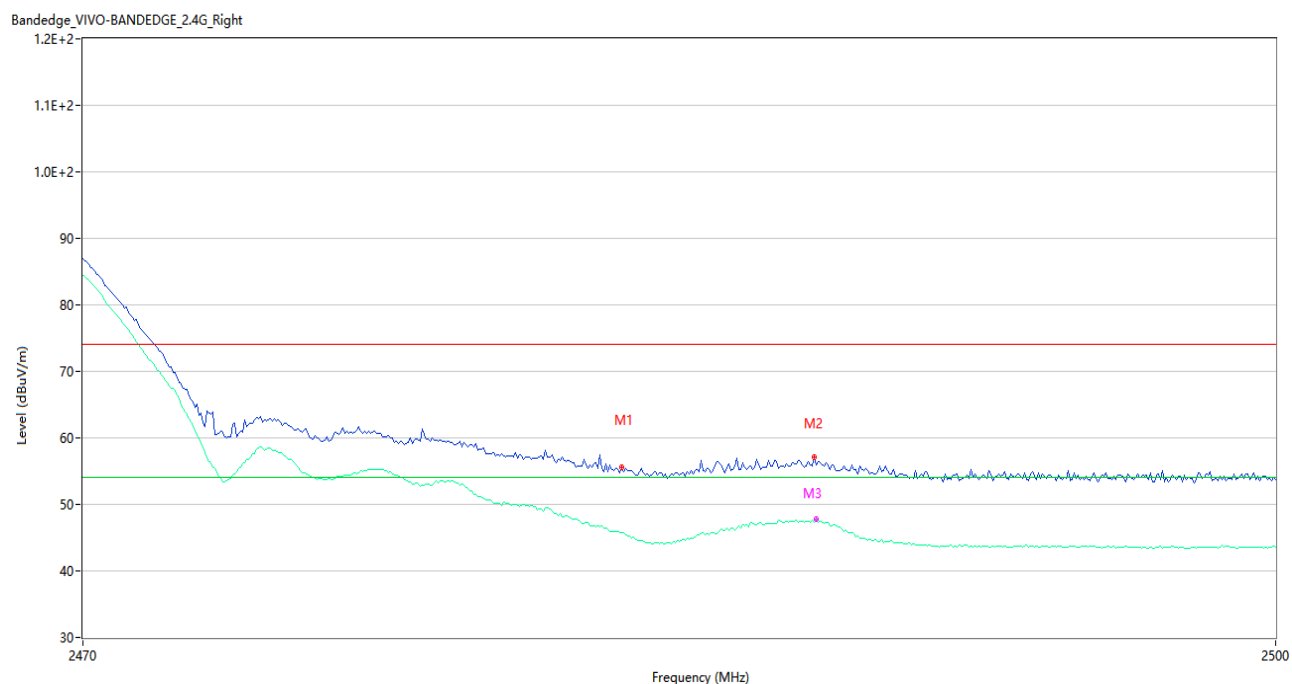
ANT12

802.11b LOW CHANNEL



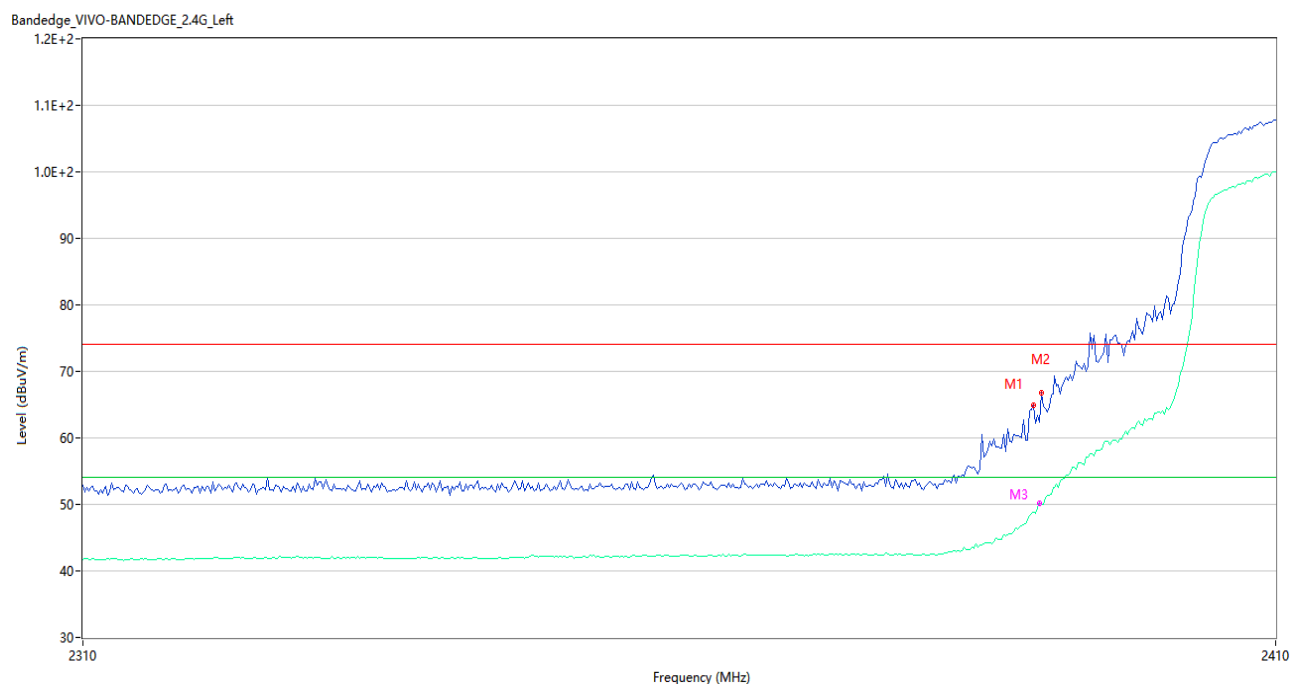
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2375.500	55.08	-2.34	74.0	18.92	Peak	204.00	100	Horizontal	Pass
1**	2375.500	42.48	-2.34	54.0	11.52	AV	204.00	100	Horizontal	Pass
2	2390.000	53.41	-2.35	74.0	20.59	Peak	360.00	200	Horizontal	Pass
2**	2390.000	43.04	-2.35	54.0	10.96	AV	360.00	200	Horizontal	Pass
3	2387.167	54.08	-2.24	74.0	19.92	Peak	216.00	100	Horizontal	Pass
3**	2387.167	45.02	-2.24	54.0	8.98	AV	216.00	100	Horizontal	Pass

802.11b HIGH CHANNEL



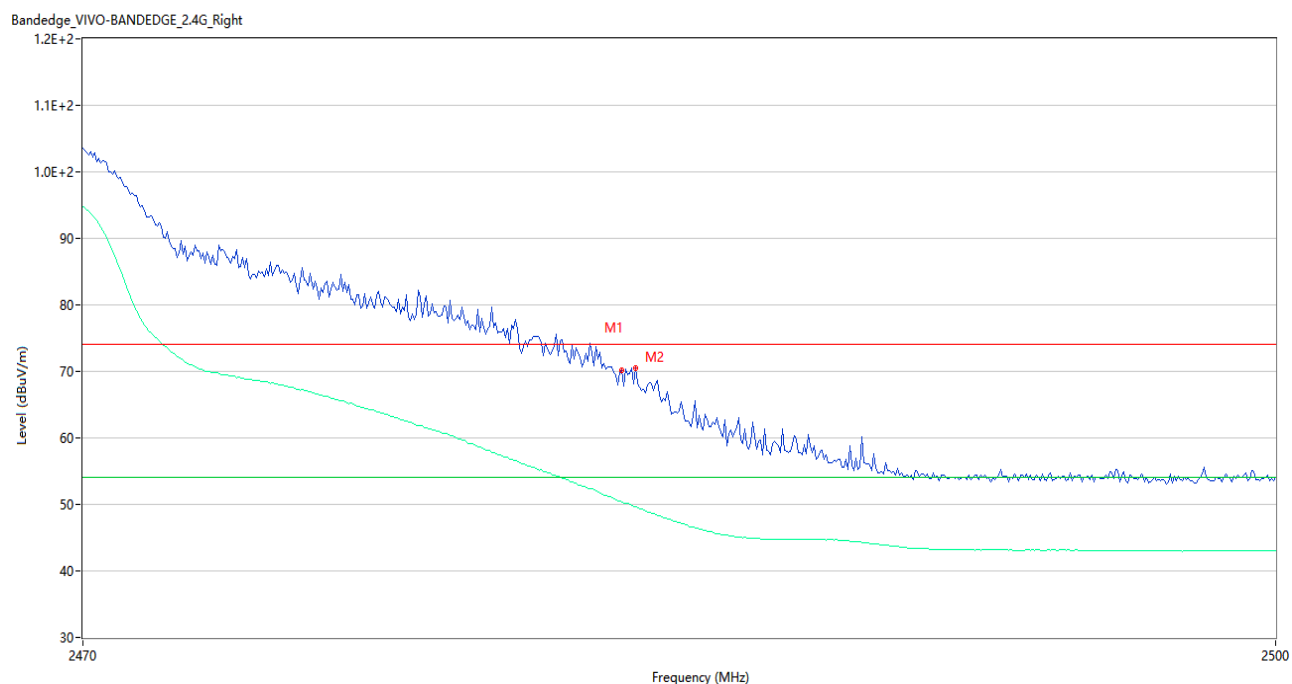
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.64	-0.86	74.0	18.36	Peak	324.00	100	Horizontal	Pass
1**	2483.500	45.73	-0.86	54.0	8.27	AV	324.00	100	Horizontal	Pass
2	2488.350	57.16	-0.78	74.0	16.84	Peak	219.00	100	Horizontal	Pass
2**	2488.350	47.21	-0.78	54.0	6.79	AV	219.00	100	Horizontal	Pass
3	2488.400	55.96	-0.78	74.0	18.04	Peak	279.00	150	Horizontal	Pass
3**	2488.400	47.76	-0.78	54.0	6.24	AV	279.00	150	Horizontal	Pass

802.11g LOW CHANNEL



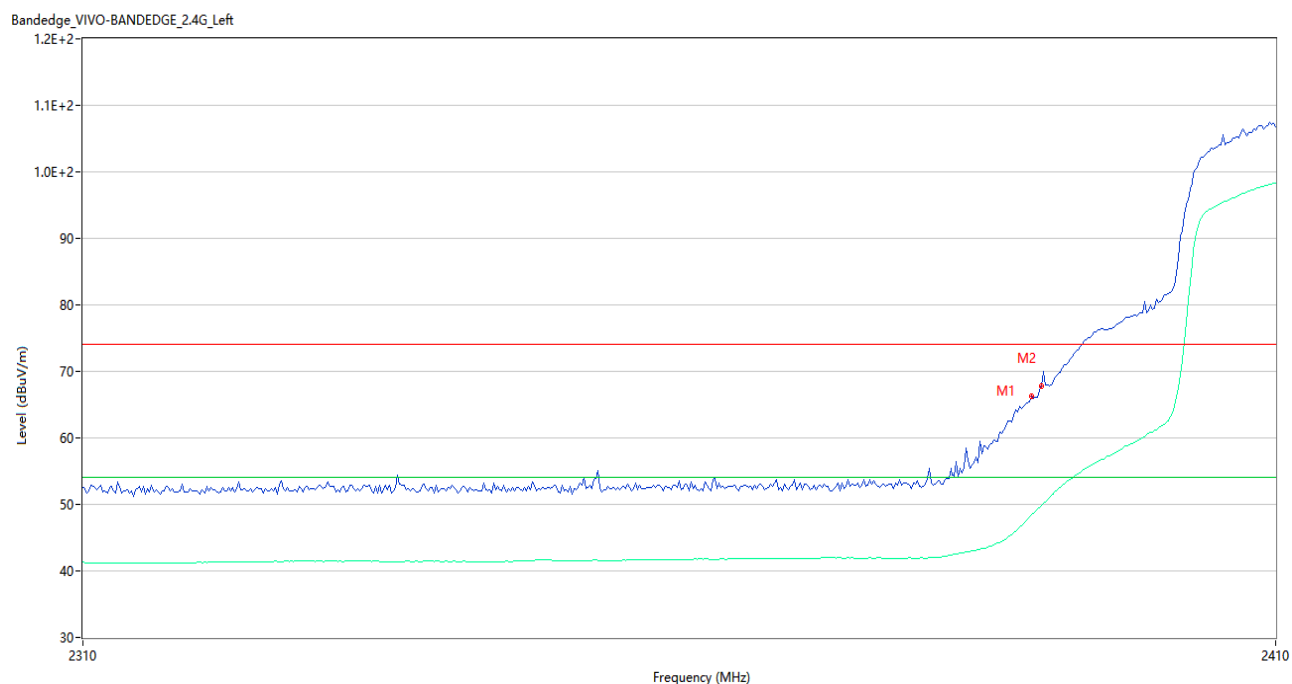
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.333	64.88	-2.33	74.0	9.12	Peak	194.00	200	Horizontal	Pass
1**	2389.333	48.89	-2.33	54.0	5.11	AV	194.00	200	Horizontal	Pass
2	2390.000	66.83	-2.35	74.0	7.17	Peak	229.00	200	Horizontal	Pass
2**	2390.000	50.07	-2.35	54.0	3.93	AV	229.00	200	Horizontal	Pass
3	2389.833	62.34	-2.34	74.0	11.66	Peak	229.00	150	Horizontal	Pass
3**	2389.833	50.14	-2.34	54.0	3.86	AV	229.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.19	-0.86	74.0	3.81	Peak	235.00	100	Horizontal	Pass
1**	2483.500	50.31	-0.86	54.0	3.69	AV	235.00	100	Horizontal	Pass
2	2483.850	70.47	-0.85	74.0	3.53	Peak	235.00	100	Horizontal	Pass
2**	2483.850	49.68	-0.85	54.0	4.32	AV	235.00	100	Horizontal	Pass

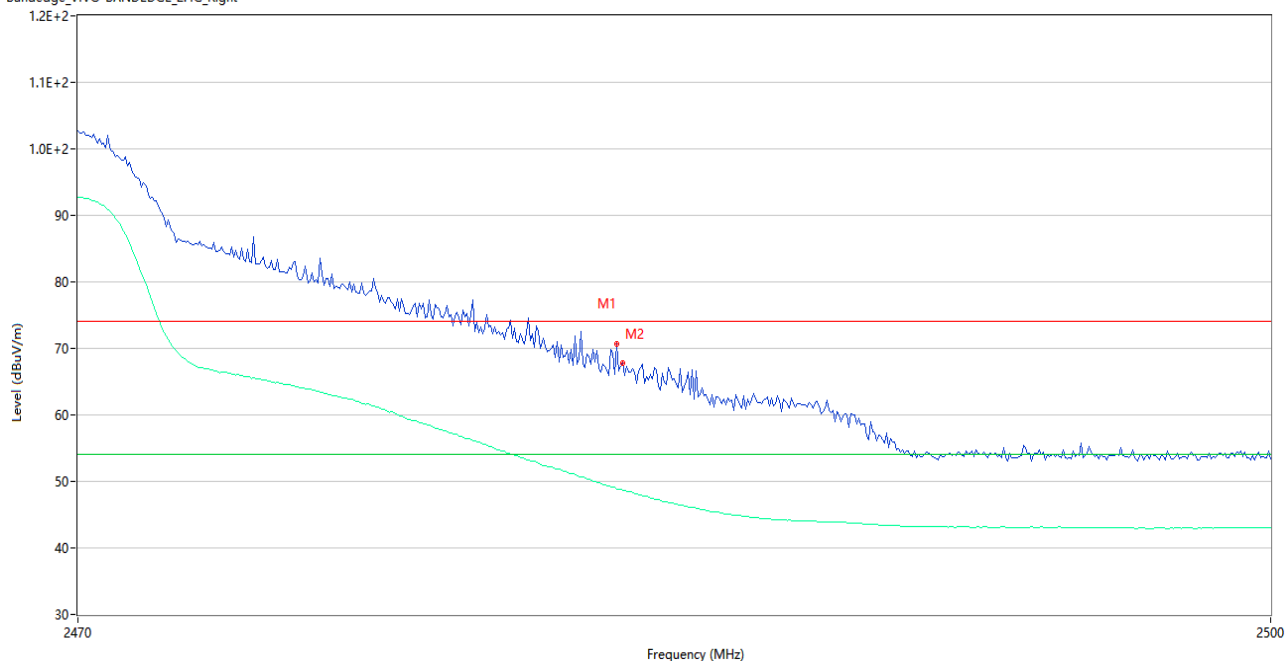
802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.167	66.35	-2.32	74.0	7.65	Peak	223.00	200	Horizontal	Pass
1**	2389.167	48.40	-2.32	54.0	5.60	AV	223.00	200	Horizontal	Pass
2	2390.000	67.84	-2.35	74.0	6.16	Peak	223.00	200	Horizontal	Pass
2**	2390.000	49.86	-2.35	54.0	4.14	AV	223.00	200	Horizontal	Pass

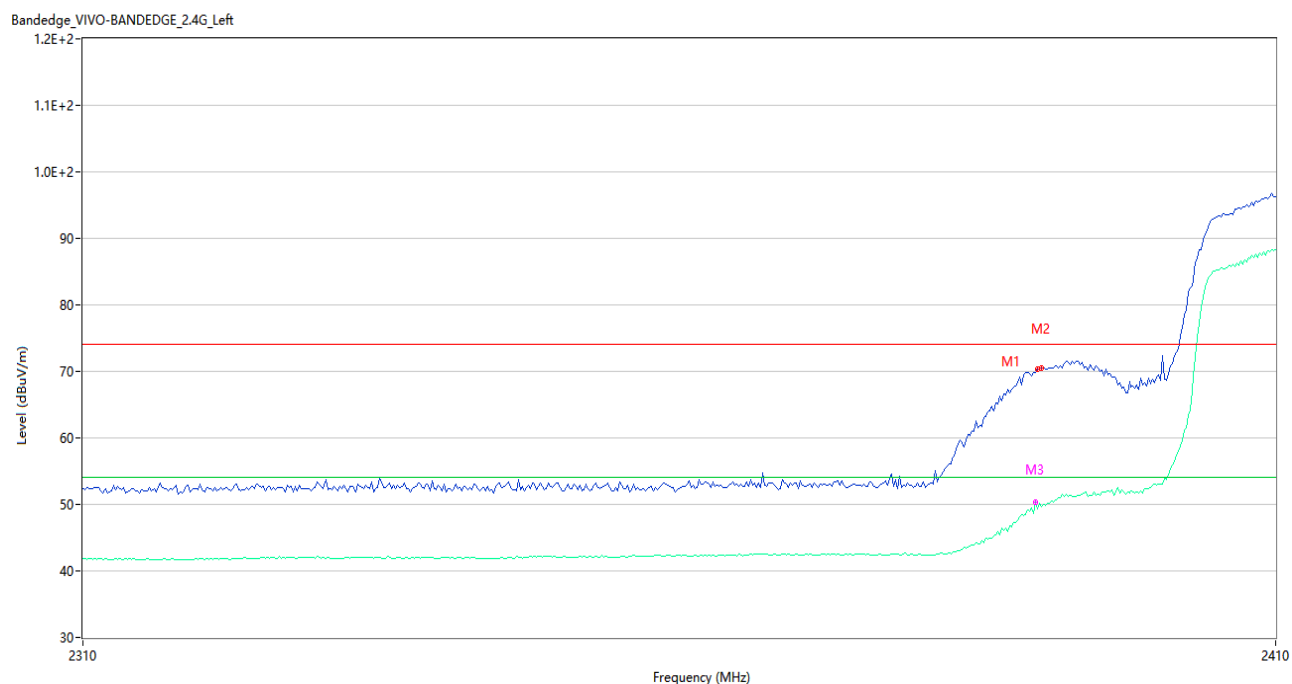
802.11n20 HIGH CHANNEL

Bandedge_VIVO-BANDEDGE_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.69	-0.86	74.0	3.31	Peak	28.00	100	Horizontal	Pass
1**	2483.500	48.90	-0.86	54.0	5.10	AV	28.00	100	Horizontal	Pass
2	2483.650	67.86	-0.86	74.0	6.14	Peak	28.00	100	Horizontal	Pass
2**	2483.650	48.64	-0.86	54.0	5.36	AV	28.00	100	Horizontal	Pass

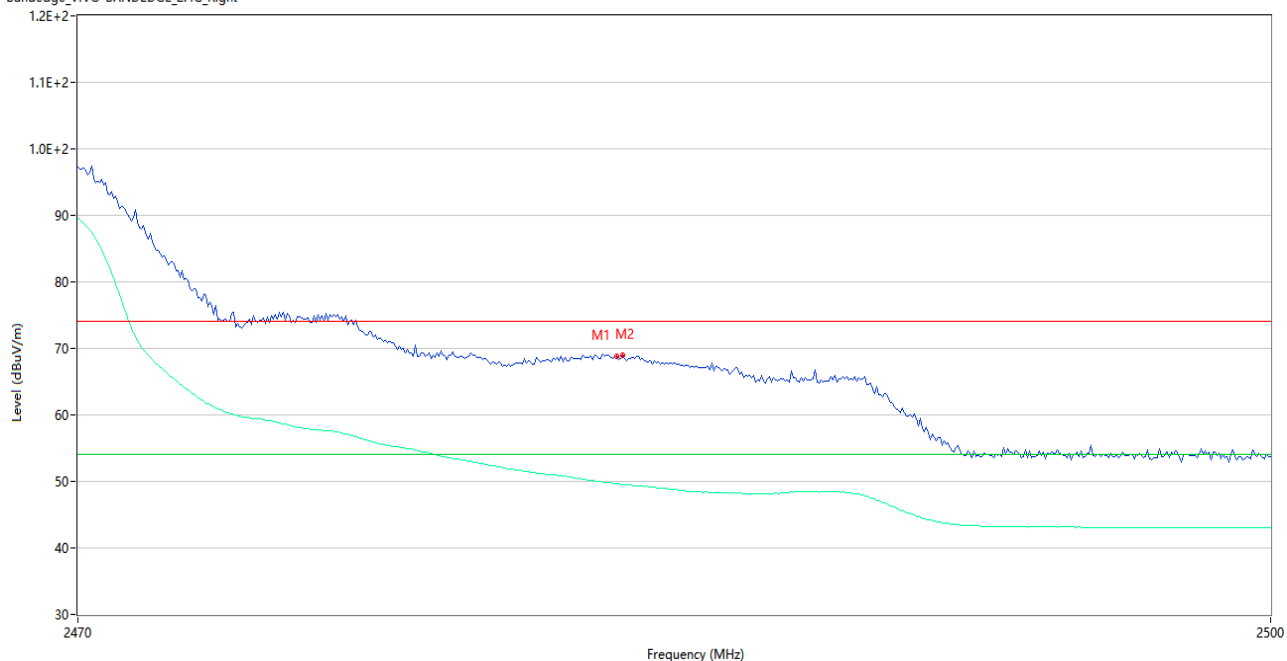
802.11n40 LOW CHANNEL



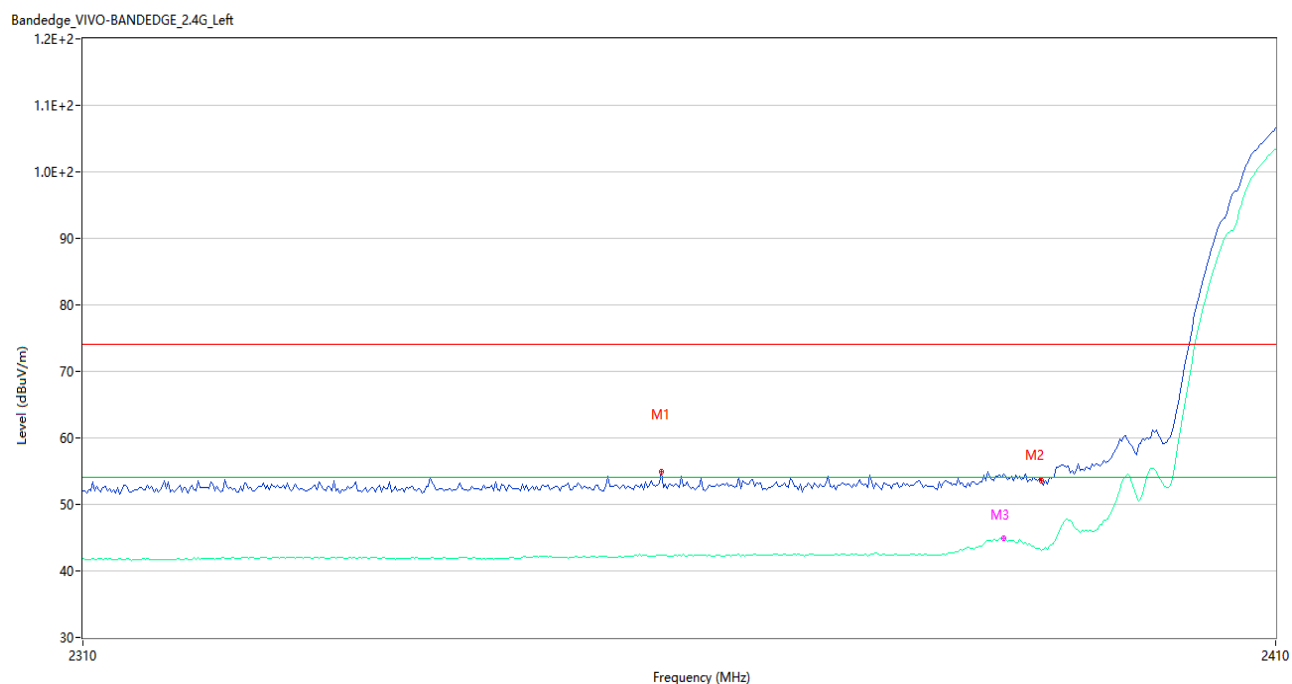
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	70.28	-2.34	74.0	3.72	Peak	227.00	150	Horizontal	Pass
1**	2389.667	49.26	-2.34	54.0	4.74	AV	227.00	150	Horizontal	Pass
2	2390.000	70.51	-2.35	74.0	3.49	Peak	225.00	150	Horizontal	Pass
2**	2390.000	49.58	-2.35	54.0	4.42	AV	225.00	150	Horizontal	Pass
3	2389.500	69.87	-2.33	74.0	4.13	Peak	230.00	100	Horizontal	Pass
3**	2389.500	50.27	-2.33	54.0	3.73	AV	230.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL

Bandedge_VIVO-BANDEDGE_2.4G_Right



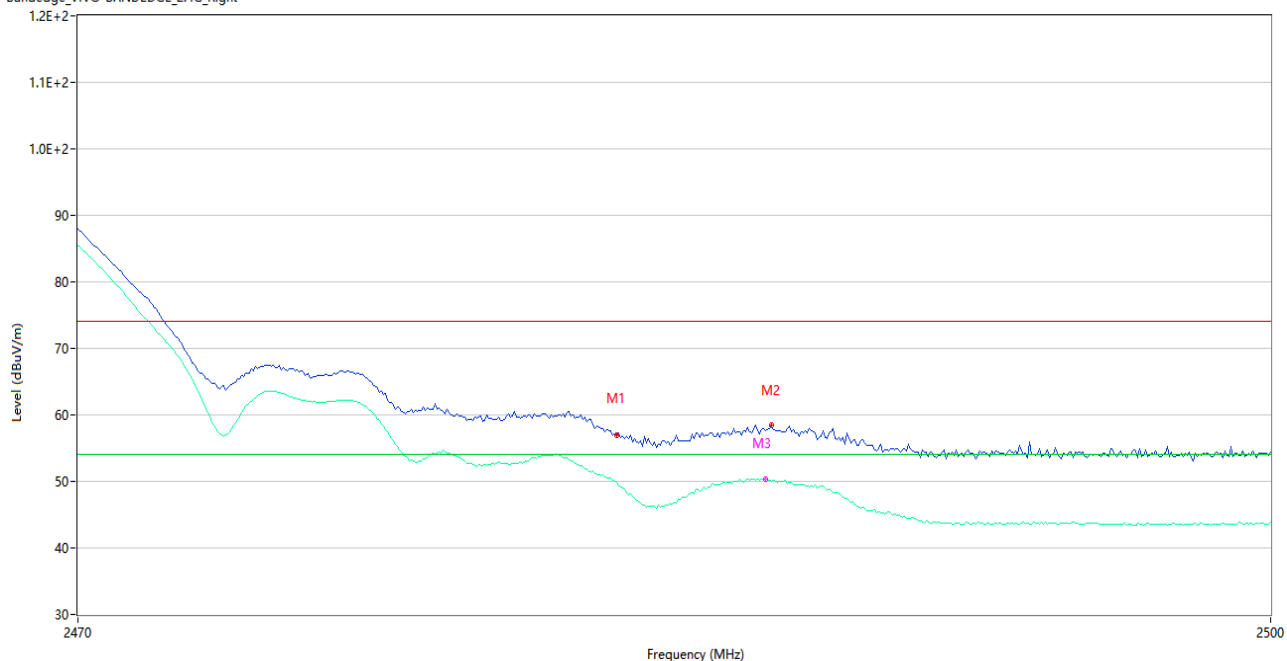
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.85	-0.86	74.0	5.15	Peak	161.00	100	Horizontal	Pass
1**	2483.500	49.62	-0.86	54.0	4.38	AV	161.00	100	Horizontal	Pass
2	2483.650	69.02	-0.86	74.0	4.98	Peak	161.00	200	Horizontal	Pass
2**	2483.650	49.55	-0.86	54.0	4.45	AV	161.00	200	Horizontal	Pass

ANT14**802.11b LOW CHANNEL**

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2358.000	54.96	-2.30	74.0	19.04	Peak	240.00	150	Horizontal	Pass
1**	2358.000	42.34	-2.30	54.0	11.66	AV	240.00	150	Horizontal	Pass
2	2390.000	53.55	-2.35	74.0	20.45	Peak	191.00	200	Horizontal	Pass
2**	2390.000	43.11	-2.35	54.0	10.89	AV	191.00	200	Horizontal	Pass
3	2386.833	54.59	-2.22	74.0	19.41	Peak	134.00	150	Horizontal	Pass
3**	2386.833	44.87	-2.22	54.0	9.13	AV	134.00	150	Horizontal	Pass

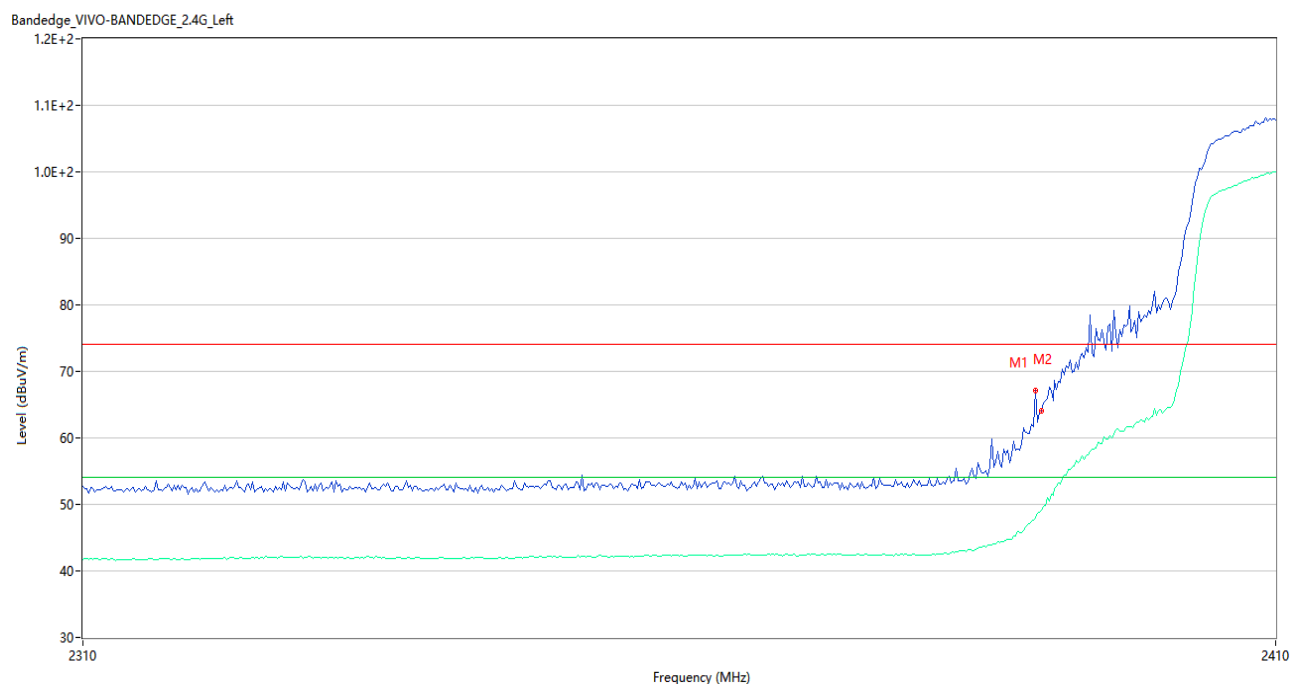
802.11b HIGH CHANNEL

Bandedge_VIVO-BANDEDGE_2.4G_Right



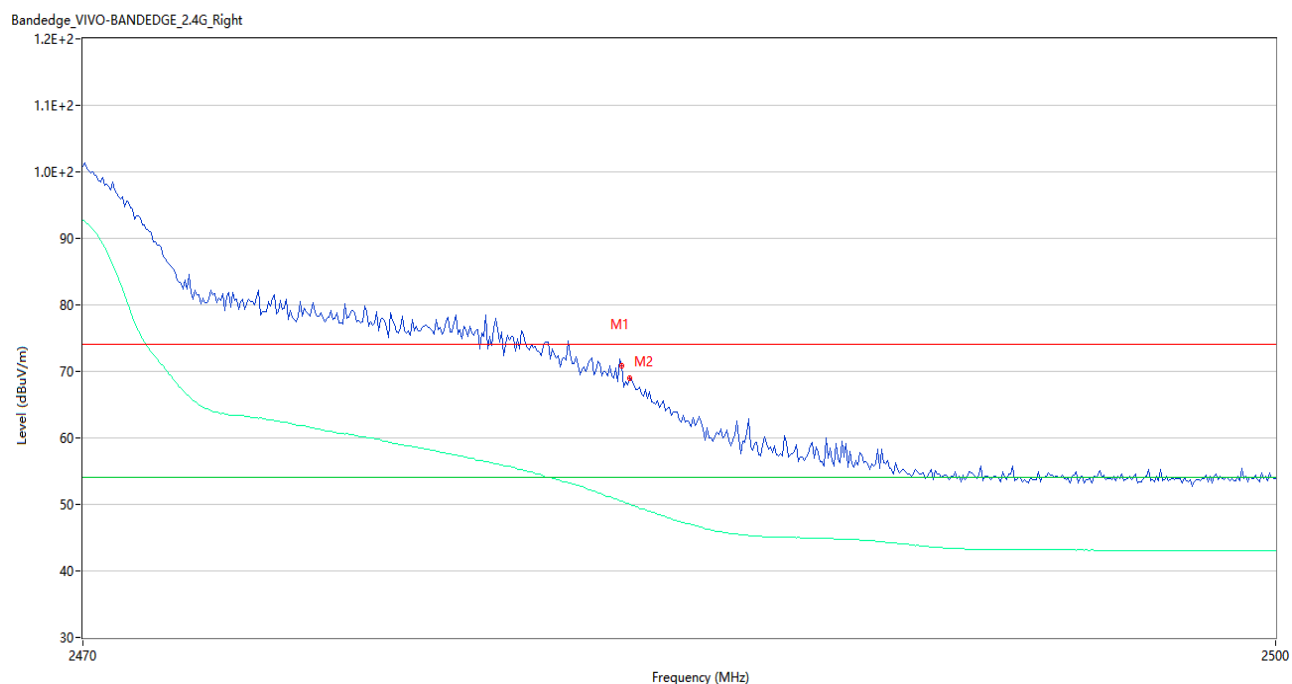
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.02	-0.86	74.0	16.98	Peak	29.00	100	Horizontal	Pass
1**	2483.500	49.75	-0.86	54.0	4.25	AV	29.00	100	Horizontal	Pass
2	2487.400	58.52	-0.81	74.0	15.48	Peak	29.00	200	Horizontal	Pass
2**	2487.400	49.95	-0.81	54.0	4.05	AV	29.00	200	Horizontal	Pass
3	2487.250	57.61	-0.81	74.0	16.39	Peak	24.00	150	Horizontal	Pass
3**	2487.250	50.39	-0.81	54.0	3.61	AV	24.00	150	Horizontal	Pass

802.11g LOW CHANNEL



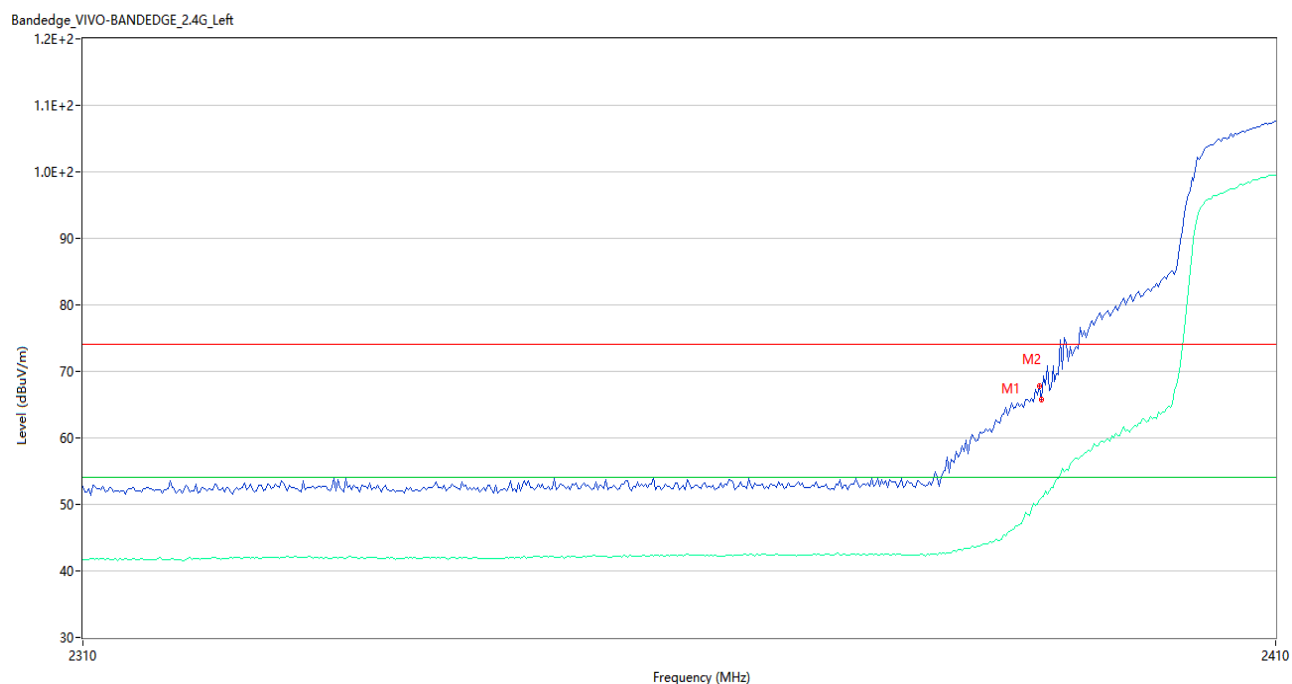
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	67.11	-2.33	74.0	6.89	Peak	125.00	100	Horizontal	Pass
1**	2389.500	48.04	-2.33	54.0	5.96	AV	125.00	100	Horizontal	Pass
2	2390.000	64.10	-2.35	74.0	9.90	Peak	135.00	150	Horizontal	Pass
2**	2390.000	49.07	-2.35	54.0	4.93	AV	135.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.92	-0.86	74.0	3.08	Peak	32.00	100	Horizontal	Pass
1**	2483.500	50.46	-0.86	54.0	3.54	AV	32.00	100	Horizontal	Pass
2	2483.700	68.98	-0.85	74.0	5.02	Peak	32.00	100	Horizontal	Pass
2**	2483.700	50.01	-0.85	54.0	3.99	AV	32.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.833	67.82	-2.34	74.0	6.18	Peak	129.00	150	Horizontal	Pass
1**	2389.833	50.62	-2.34	54.0	3.38	AV	129.00	150	Horizontal	Pass
2	2390.000	65.84	-2.35	74.0	8.16	Peak	33.00	150	Horizontal	Pass
2**	2390.000	50.99	-2.35	54.0	3.01	AV	33.00	150	Horizontal	Pass

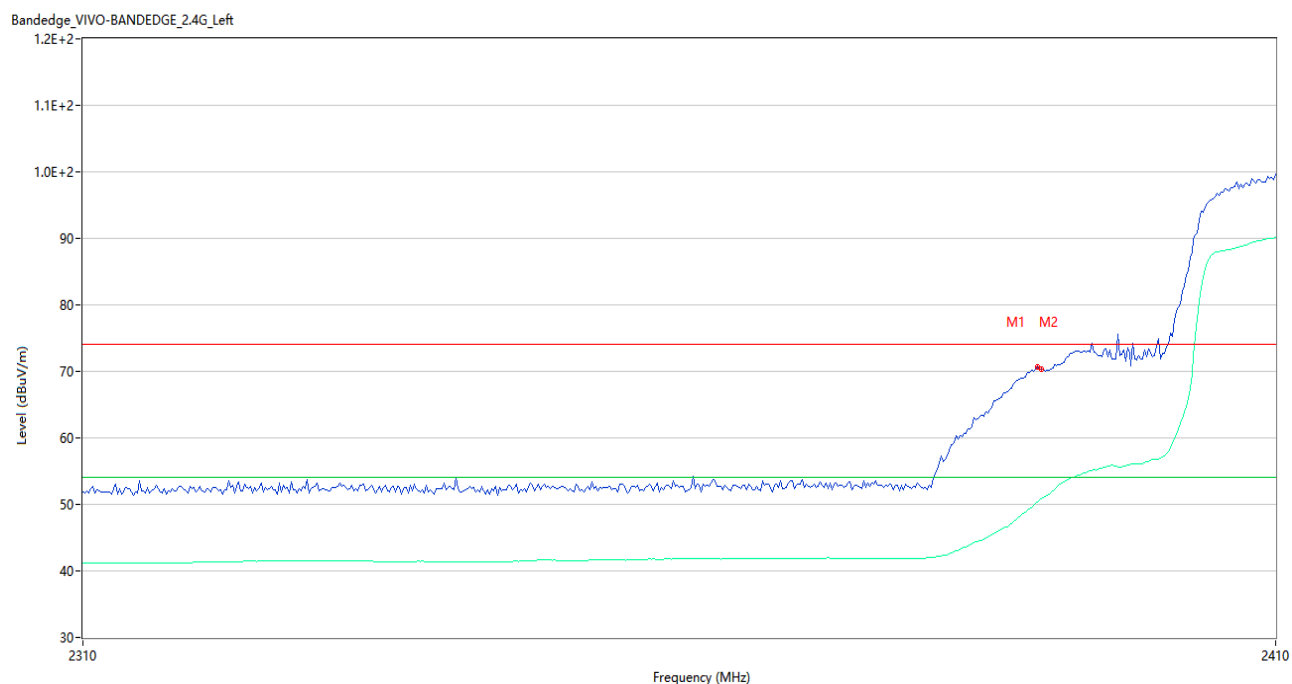
802.11n20 HIGH CHANNEL

Bandedge_VIVO-BANDEDGE_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.92	-0.86	74.0	5.08	Peak	37.00	100	Horizontal	Pass
1**	2483.500	49.88	-0.86	54.0	4.12	AV	37.00	100	Horizontal	Pass
2	2483.700	70.16	-0.85	74.0	3.84	Peak	37.00	100	Horizontal	Pass
2**	2483.700	49.63	-0.85	54.0	4.37	AV	37.00	100	Horizontal	Pass

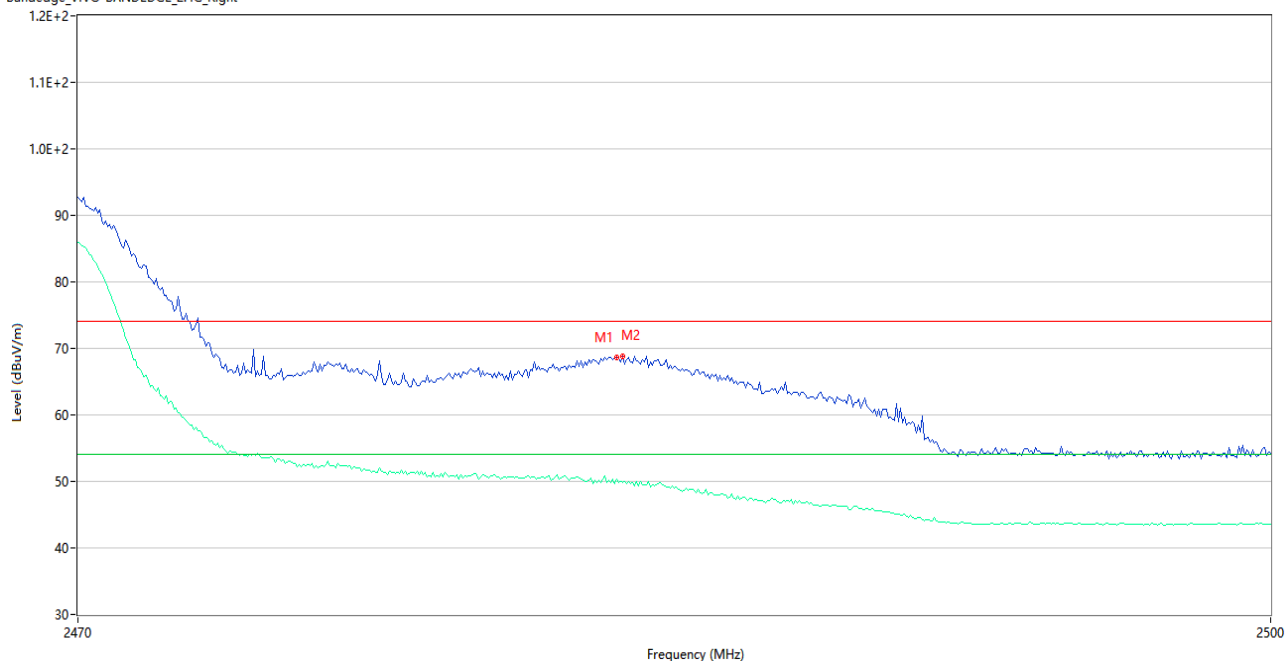
802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	70.73	-2.34	74.0	3.27	Peak	130.00	200	Horizontal	Pass
1**	2389.667	50.41	-2.34	54.0	3.59	AV	130.00	200	Horizontal	Pass
2	2390.000	70.32	-2.35	74.0	3.68	Peak	130.00	100	Horizontal	Pass
2**	2390.000	50.82	-2.35	54.0	3.18	AV	130.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL

Bandedge_VIVO-BANDEDGE_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.63	-0.86	74.0	5.37	Peak	35.00	200	Horizontal	Pass
1**	2483.500	50.31	-0.86	54.0	3.69	AV	35.00	200	Horizontal	Pass
2	2483.650	68.89	-0.86	74.0	5.11	Peak	31.00	200	Horizontal	Pass
2**	2483.650	49.79	-0.86	54.0	4.21	AV	31.00	200	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

ANT12

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-3.86	8
Middle	-7.98	8
High	-7.01	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.35	8
Middle	-7.20	8
High	-7.52	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.06	8
Middle	-7.89	8
High	-9.63	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.23	8
Middle	-11.93	8
High	-13.39	8

ANT14**802.11b Mode:**

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-4.90	8
Middle	-7.96	8
High	-3.33	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.73	8
Middle	-6.35	8
High	-10.66	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.79	8
Middle	-7.44	8
High	-11.49	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.71	8
Middle	-12.82	8
High	-15.34	8

Test Plots

ANT12

802.11b LOW CHANNEL



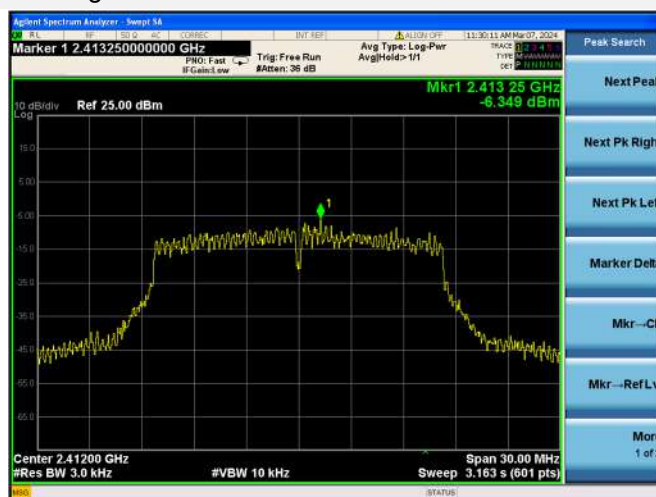
802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



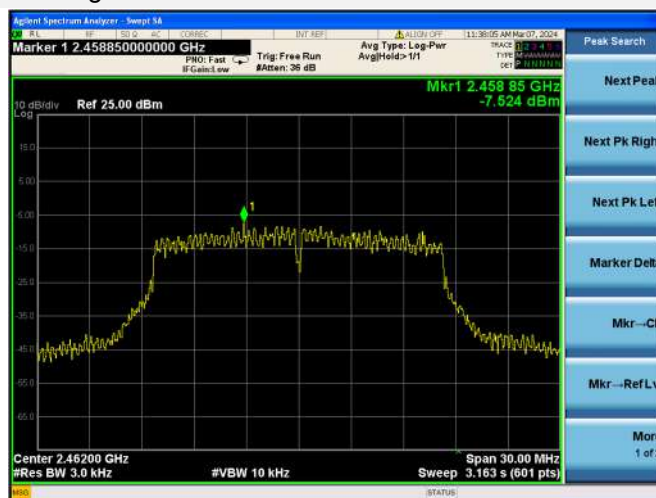
802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



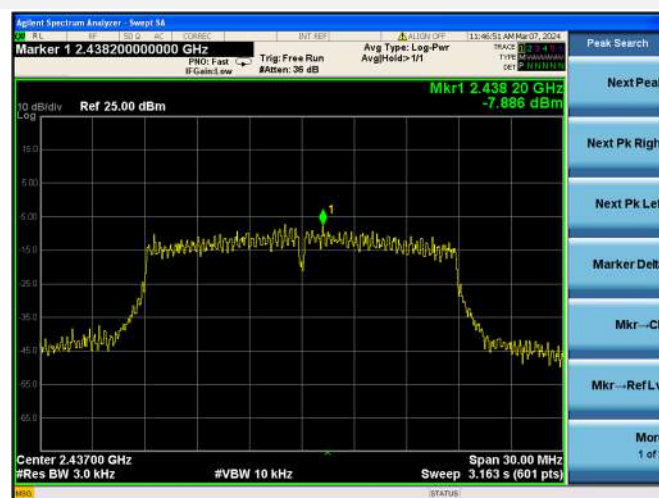
802.11g HIGH CHANNEL



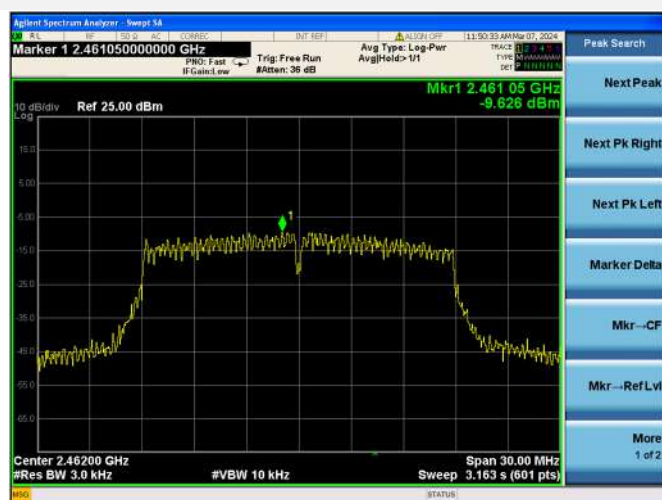
802.11n-20 MHz LOW CHANNEL



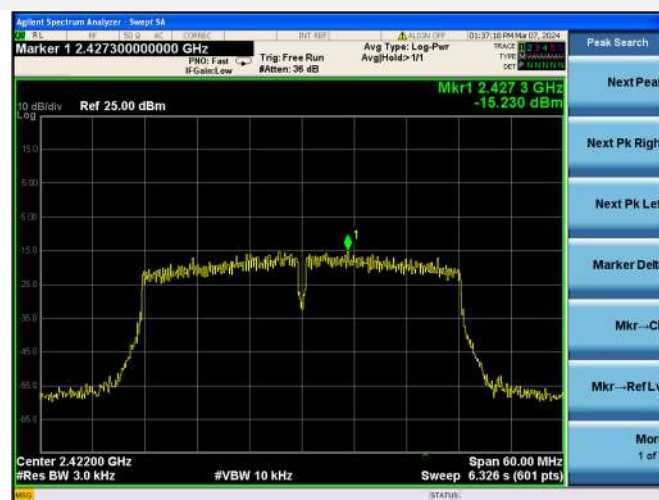
802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



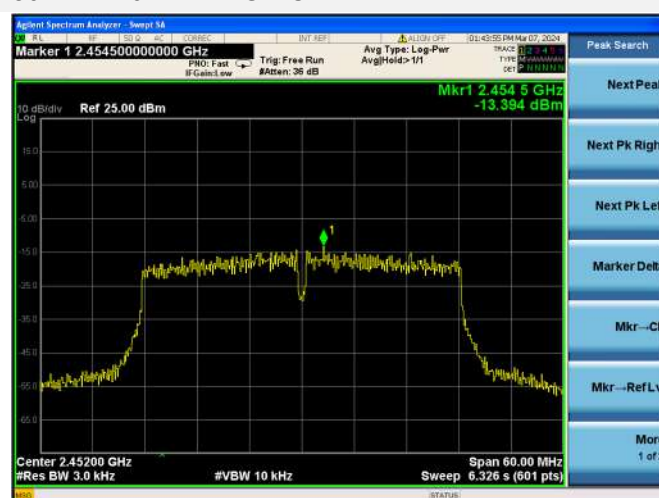
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANT14

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



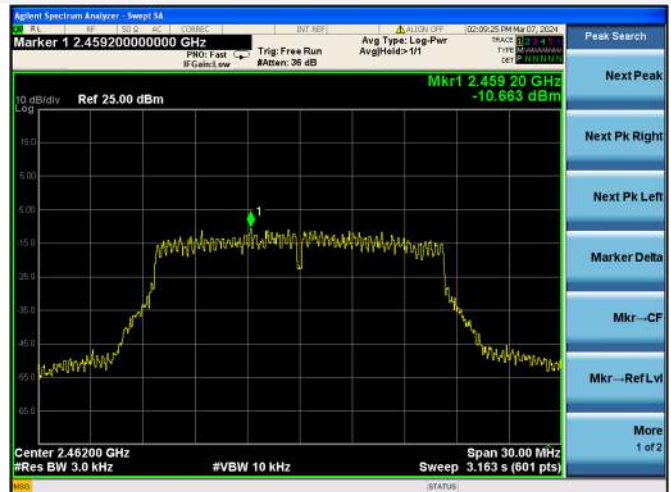
802.11g LOW CHANNEL



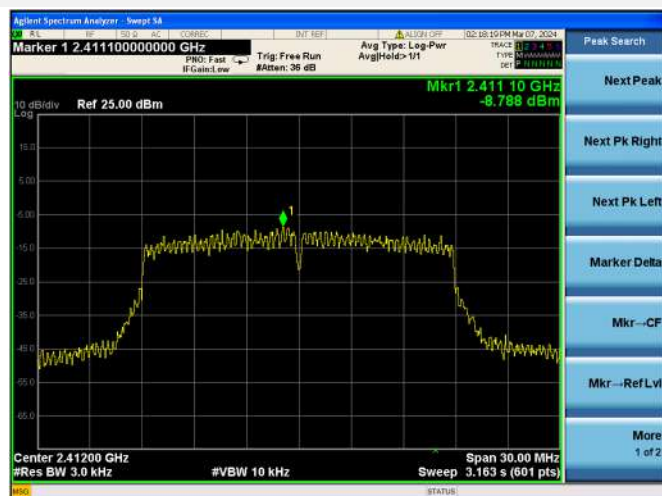
802.11g MIDDLE CHANNEL



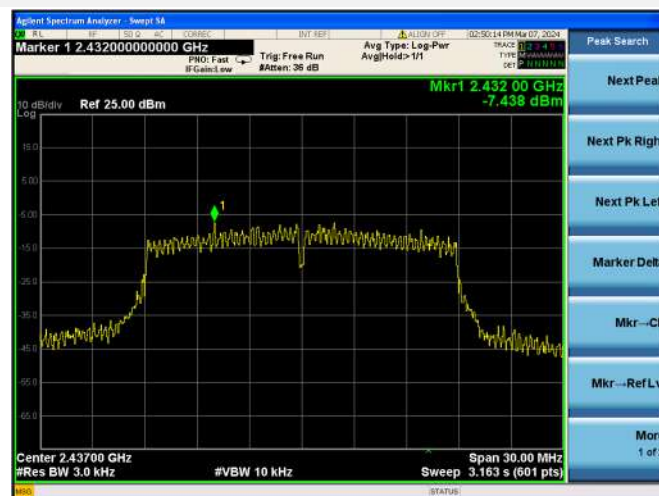
802.11g HIGH CHANNEL



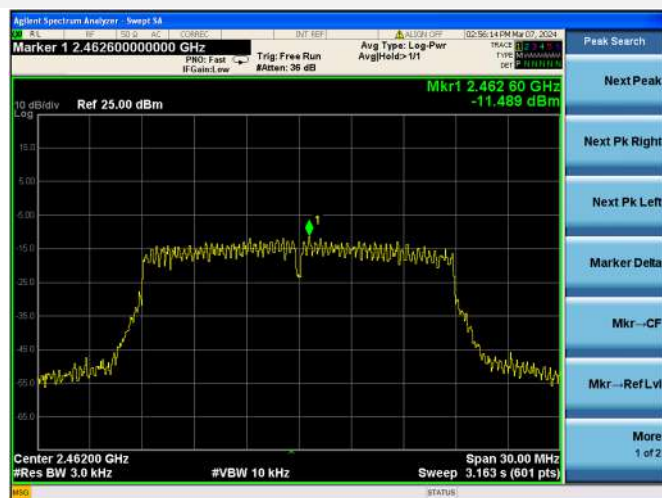
802.11n-20 MHz LOW CHANNEL



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



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2420033-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2420033-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2420033-AI.PDF”.

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--END OF REPORT--