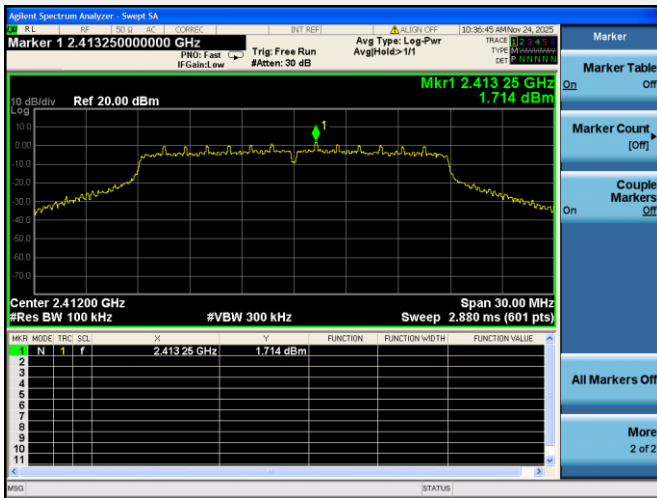
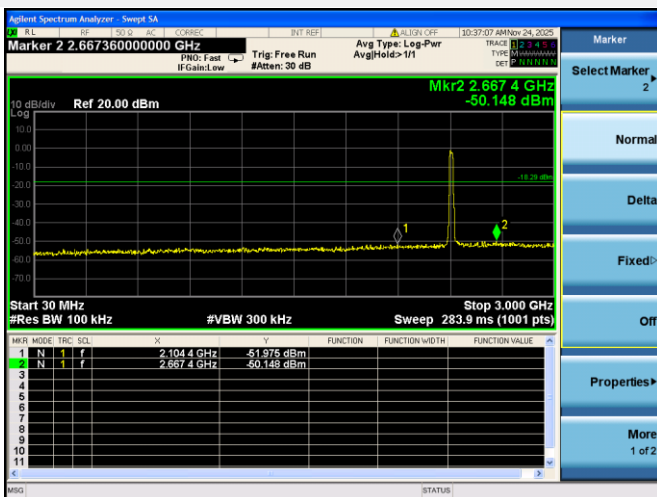
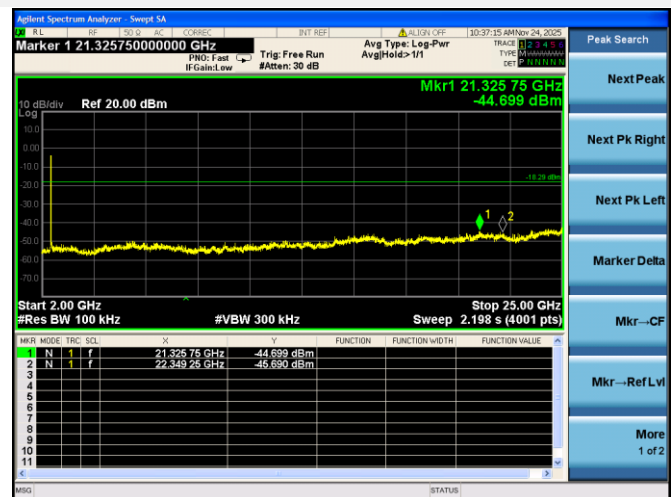
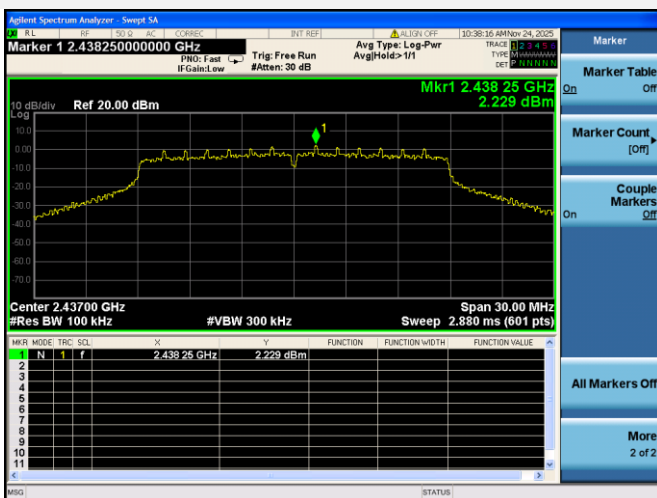


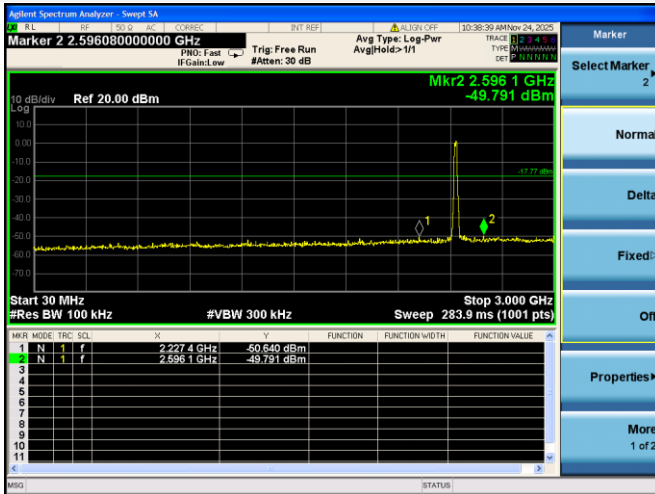
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

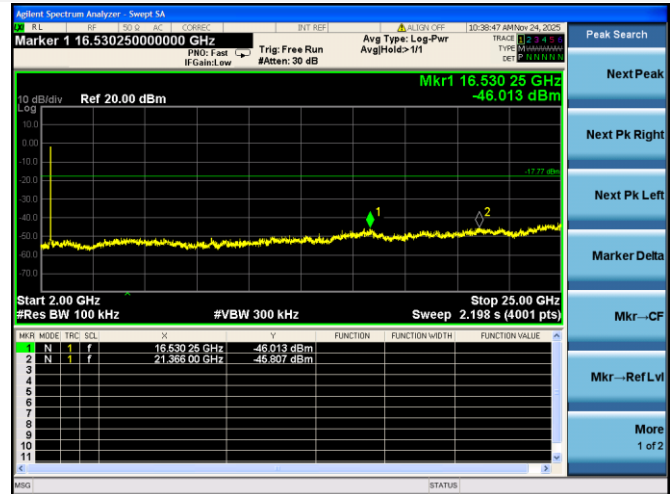
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



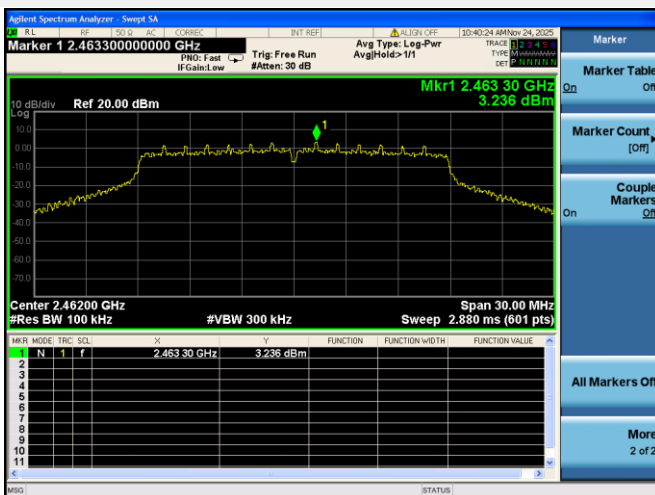
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



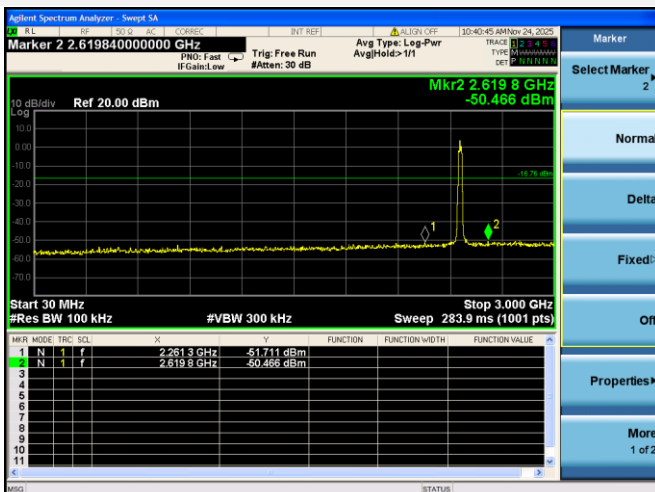
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



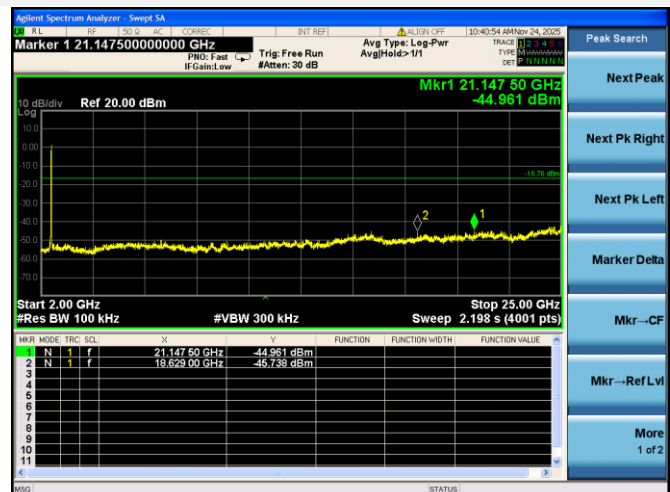
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



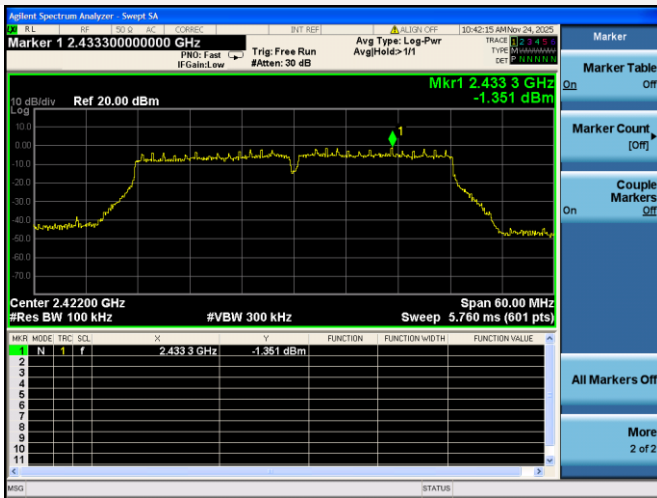
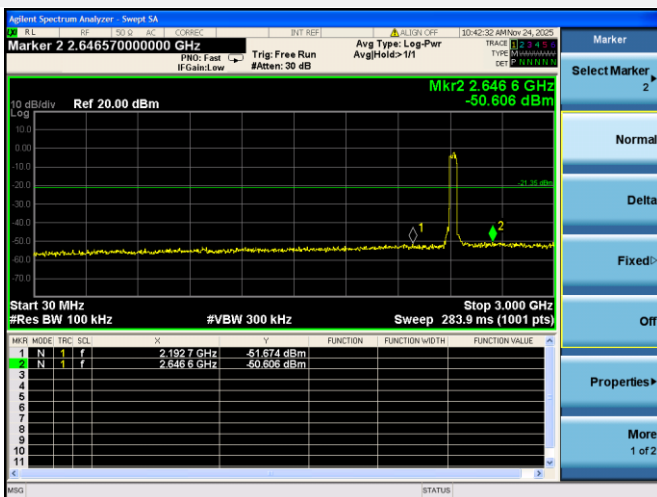
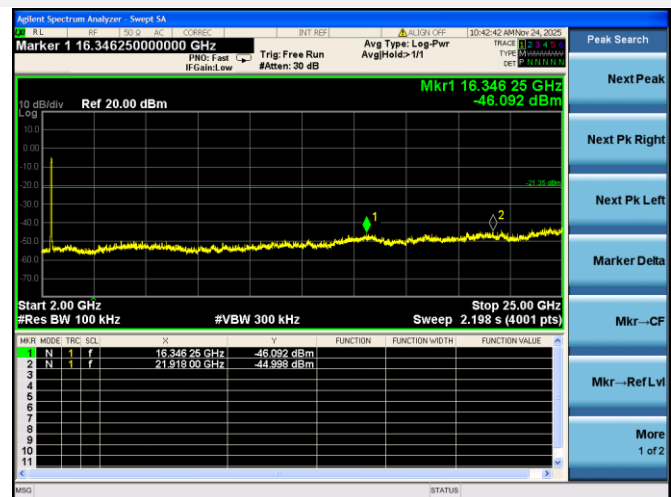
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



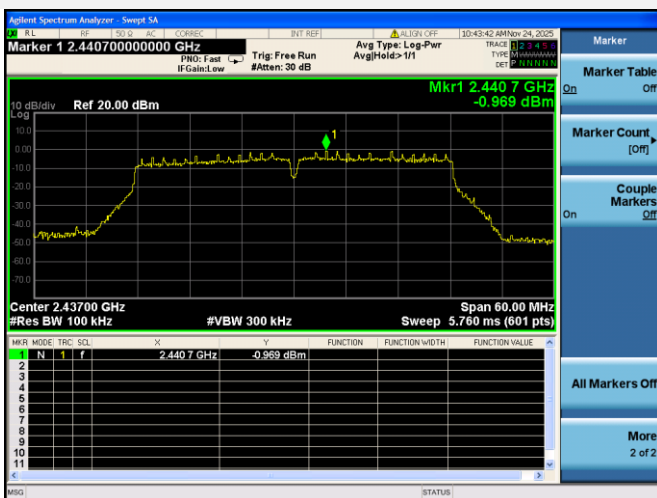
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



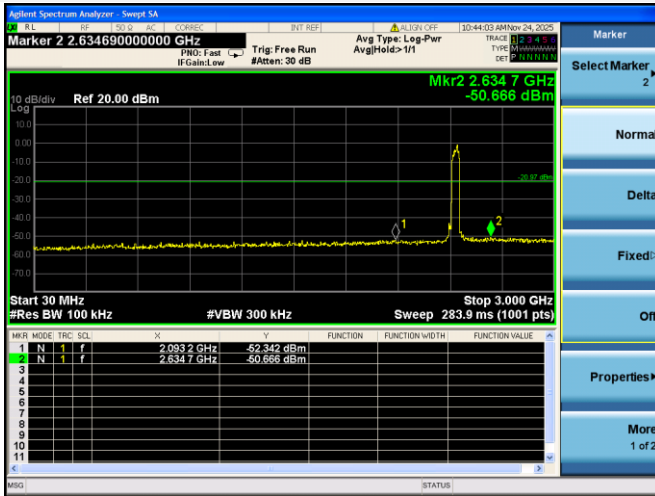
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

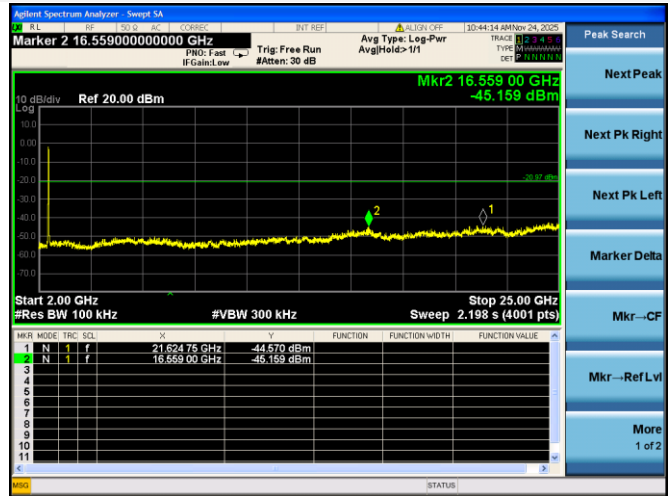
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



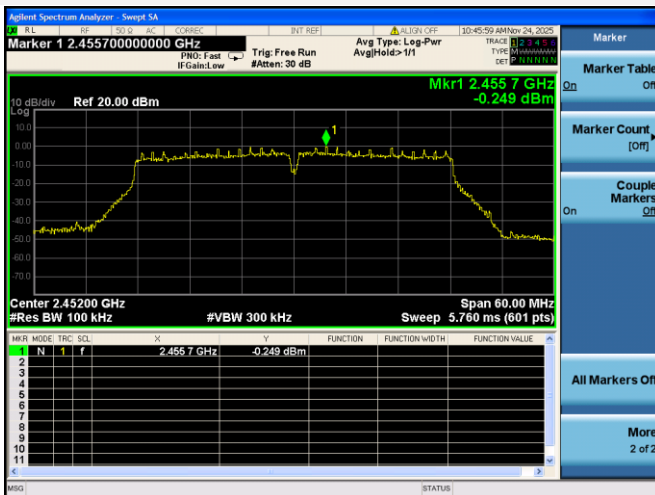
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



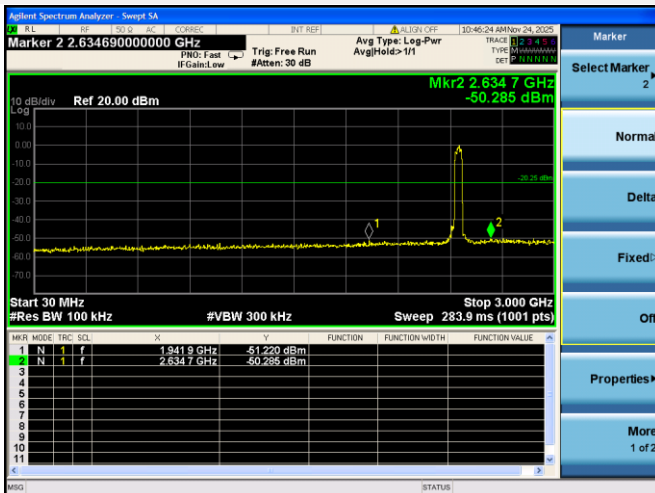
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



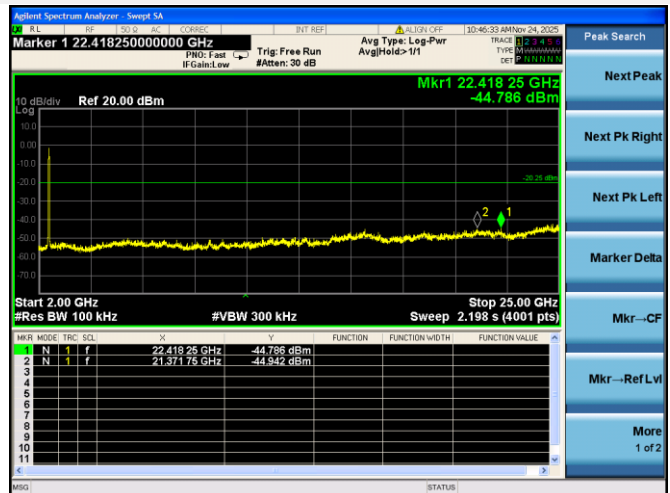
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.87	6.49	-13.51	Pass
High Channel	-50.66	8.37	-11.63	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.41	2.98	-17.02	Pass
High Channel	-49.10	4.97	-15.03	Pass

802.11n-20 MHz Mode:

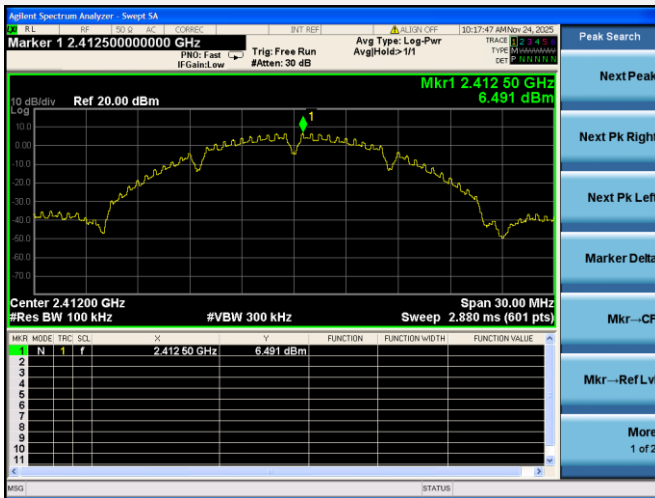
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.00	1.71	-18.29	Pass
High Channel	-48.61	3.24	-16.76	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.69	-1.35	-21.35	Pass
High Channel	-48.23	-0.25	-20.25	Pass

Test Plots

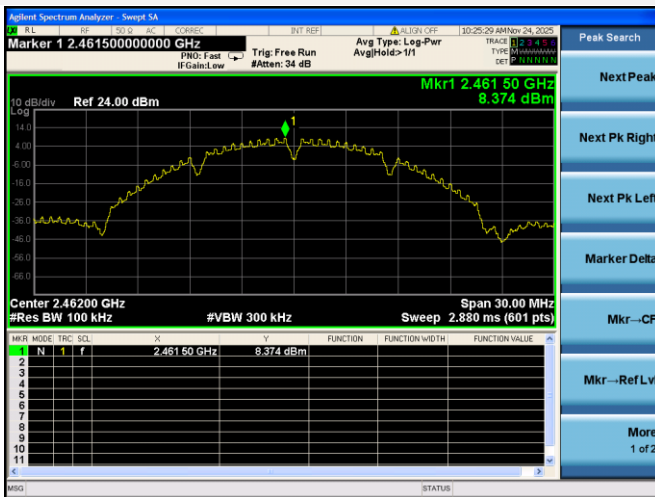
802.11b LOW CHANNEL, CARRIER LEVEL



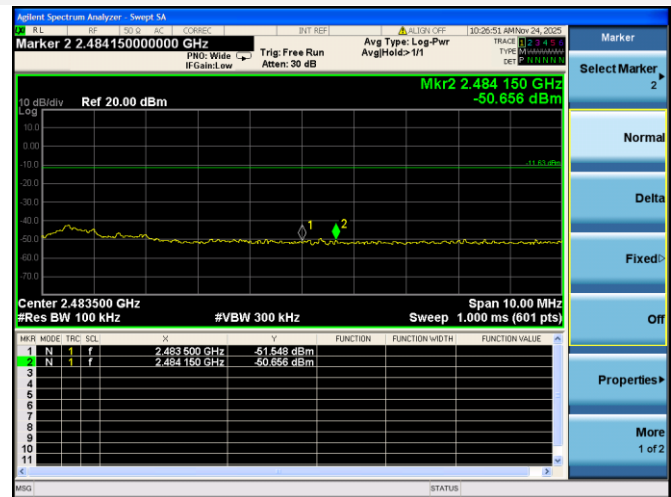
802.11b LOW CHANNEL, BAND EDGE



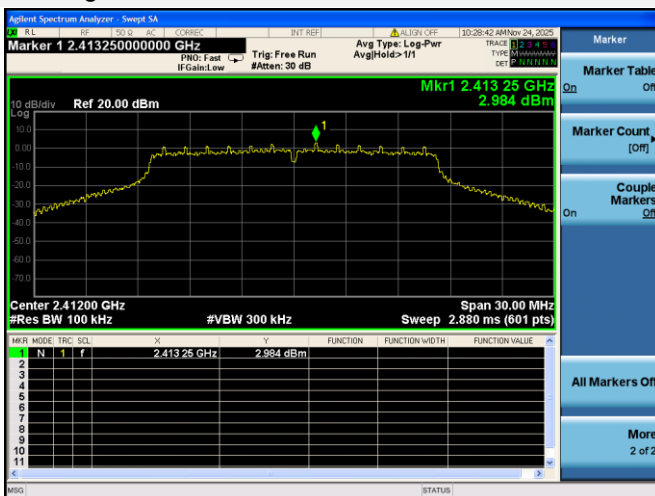
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



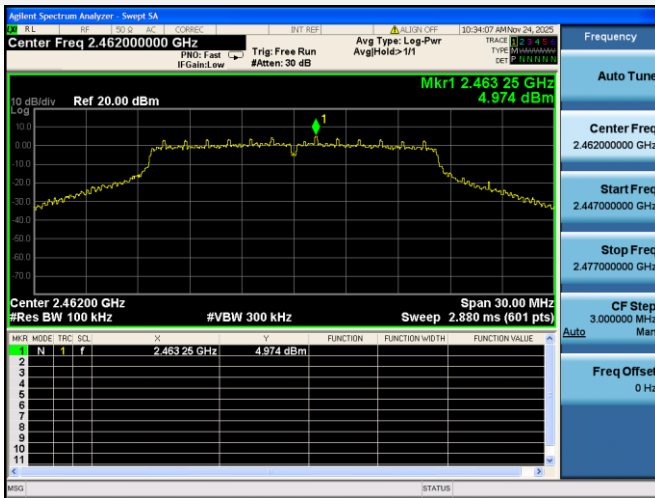
802.11g LOW CHANNEL, CARRIER LEVEL



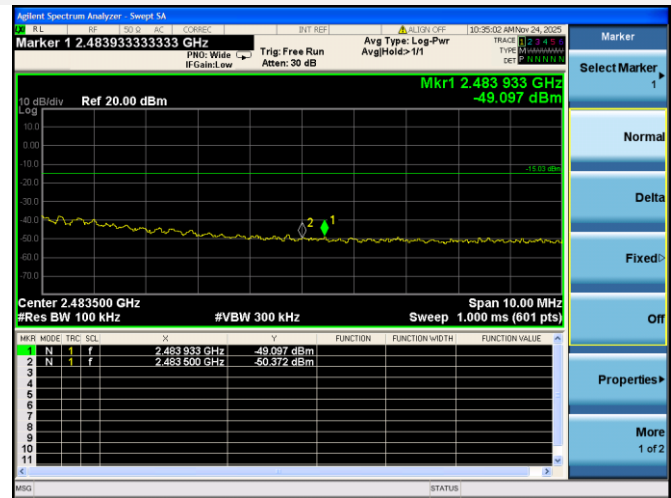
802.11g LOW CHANNEL, BAND EDGE



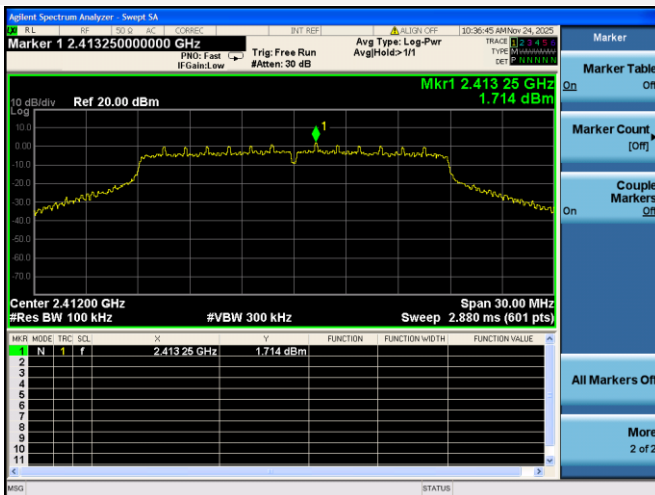
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



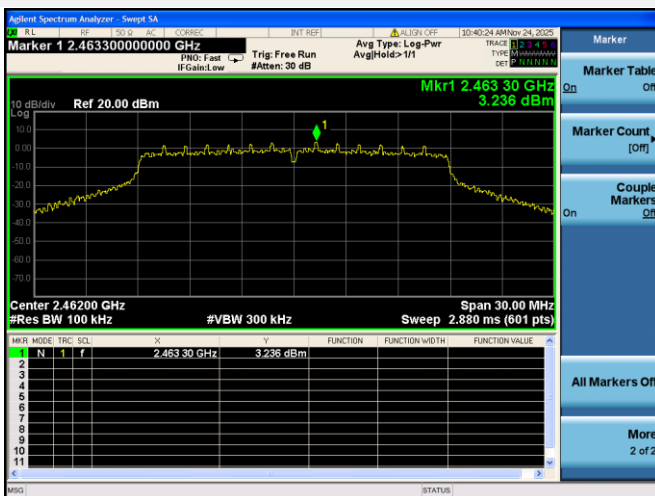
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



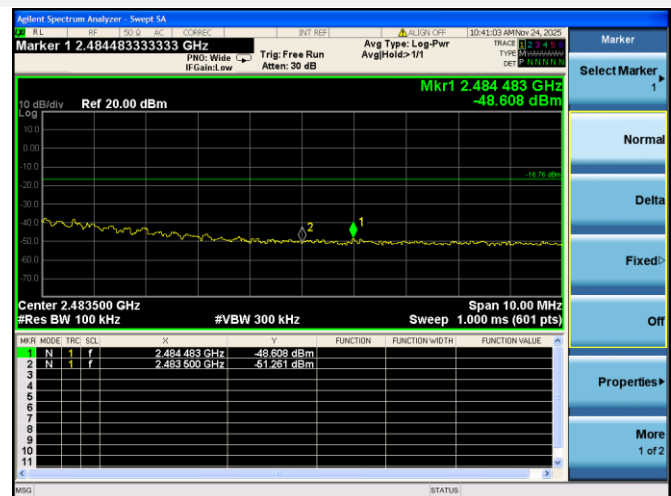
802.11n-20 MHz LOW CHANNEL, BAND EDGE



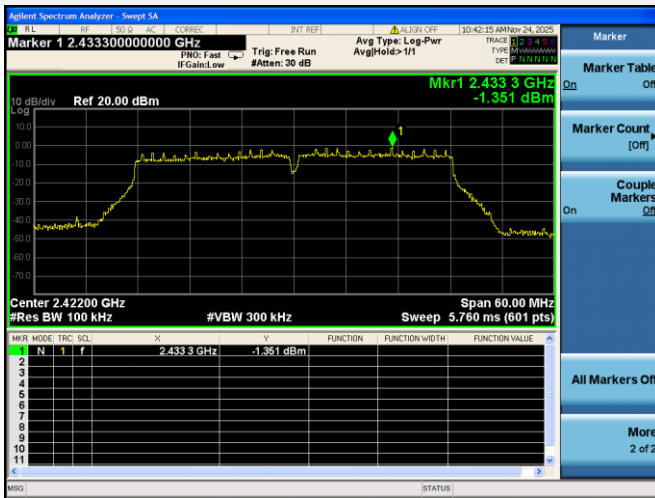
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



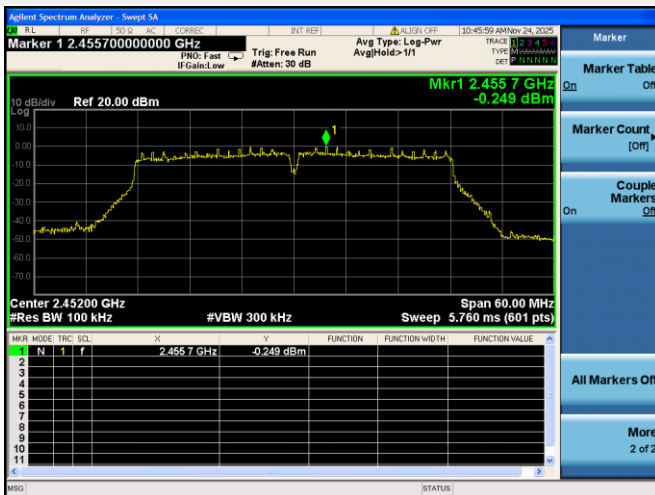
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



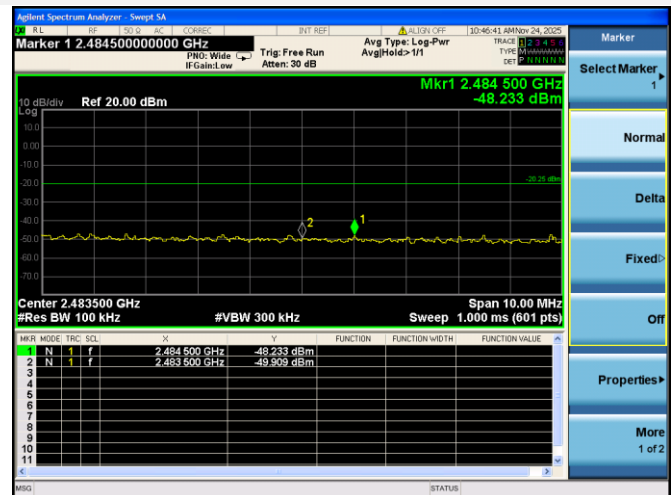
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

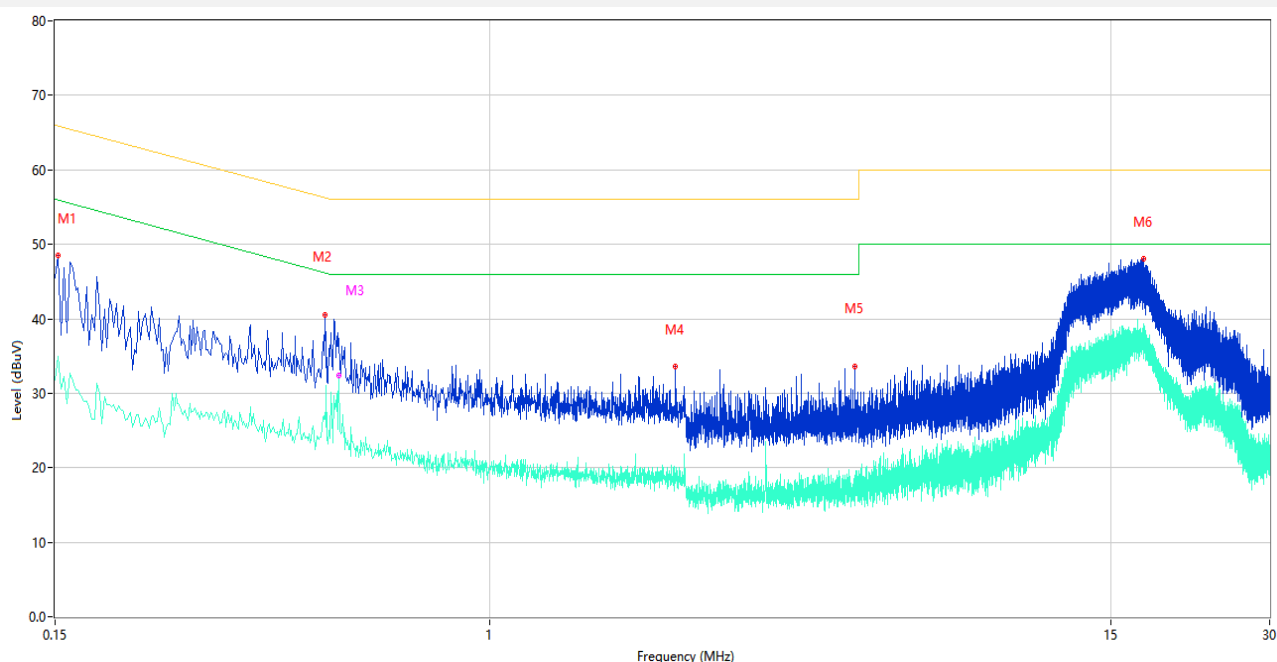
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

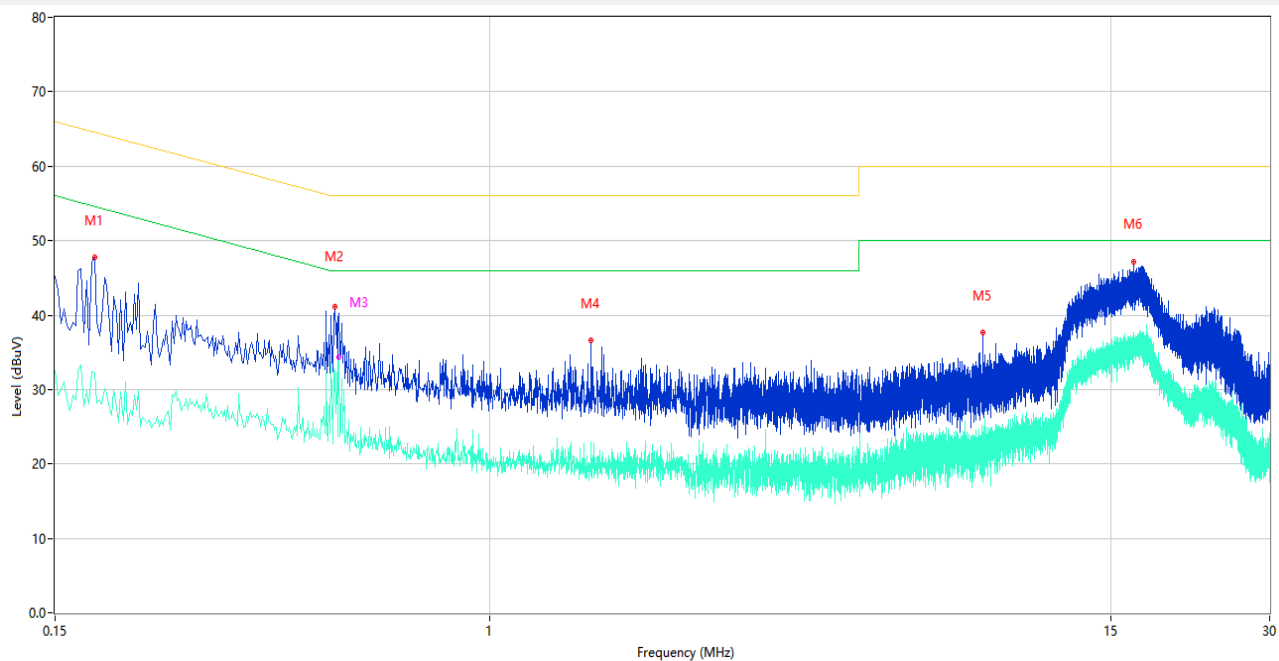
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	48.48	10.07	65.89	17.41	Peak	L	Pass
1**	0.152	35.00	10.07	55.89	20.89	AV	L	Pass
2	0.486	40.46	10.07	56.24	15.78	Peak	L	Pass
2**	0.486	27.43	10.07	46.24	18.81	AV	L	Pass
3	0.518	36.97	10.07	56.00	19.03	Peak	L	Pass
3**	0.518	32.34	10.07	46.00	13.66	AV	L	Pass
4	2.242	33.58	10.16	56.00	22.42	Peak	L	Pass
4**	2.242	18.95	10.16	46.00	27.05	AV	L	Pass
5	4.920	33.59	10.26	56.00	22.41	Peak	L	Pass
5**	4.920	17.17	10.26	46.00	28.83	AV	L	Pass
6	17.288	48.10	10.52	60.00	11.90	Peak	L	Pass
6**	17.288	37.73	10.52	50.00	12.27	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	47.69	10.08	64.58	16.89	Peak	N	Pass
1**	0.178	32.19	10.08	54.58	22.39	AV	N	Pass
2	0.508	41.19	10.09	56.00	14.81	Peak	N	Pass
2**	0.508	32.58	10.09	46.00	13.42	AV	N	Pass
3	0.518	40.27	10.09	56.00	15.73	Peak	N	Pass
3**	0.518	34.39	10.09	46.00	11.61	AV	N	Pass
4	1.556	36.60	10.12	56.00	19.40	Peak	N	Pass
4**	1.556	22.87	10.12	46.00	23.13	AV	N	Pass
5	8.578	37.60	10.32	60.00	22.40	Peak	N	Pass
5**	8.578	22.28	10.32	50.00	27.72	AV	N	Pass
6	16.548	47.19	10.49	60.00	12.81	Peak	N	Pass
6**	16.548	37.65	10.49	50.00	12.35	AV	N	Pass

A.6 Radiated Emission

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

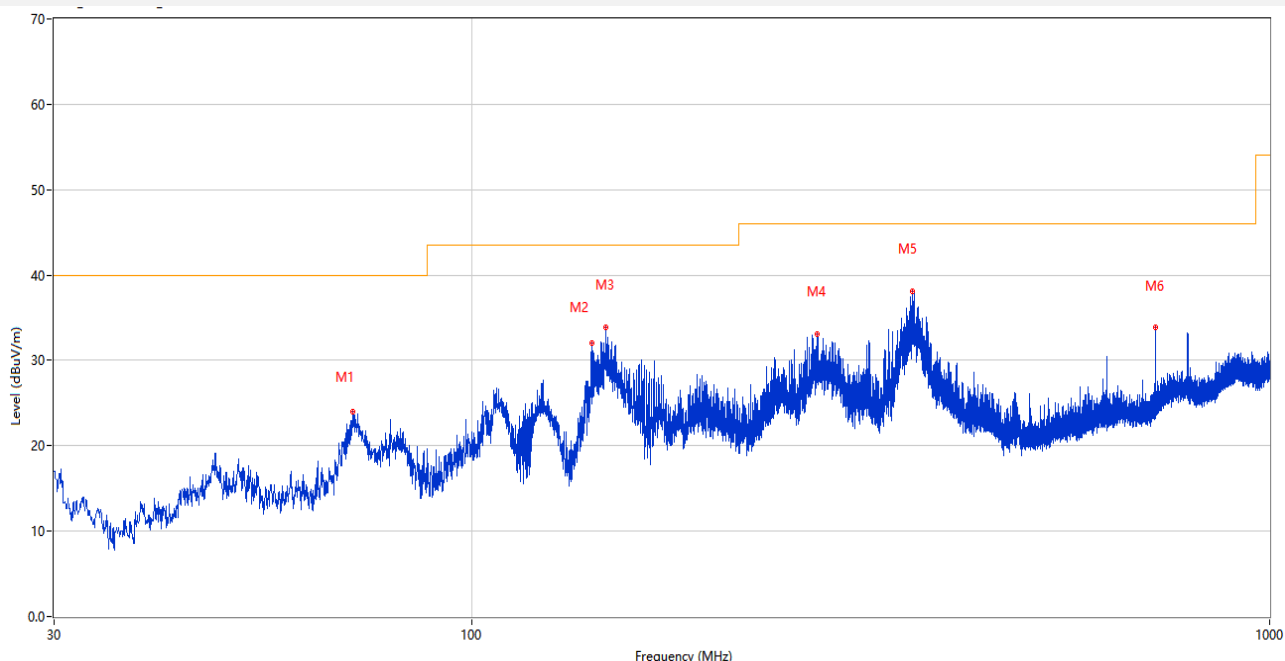
Note²: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

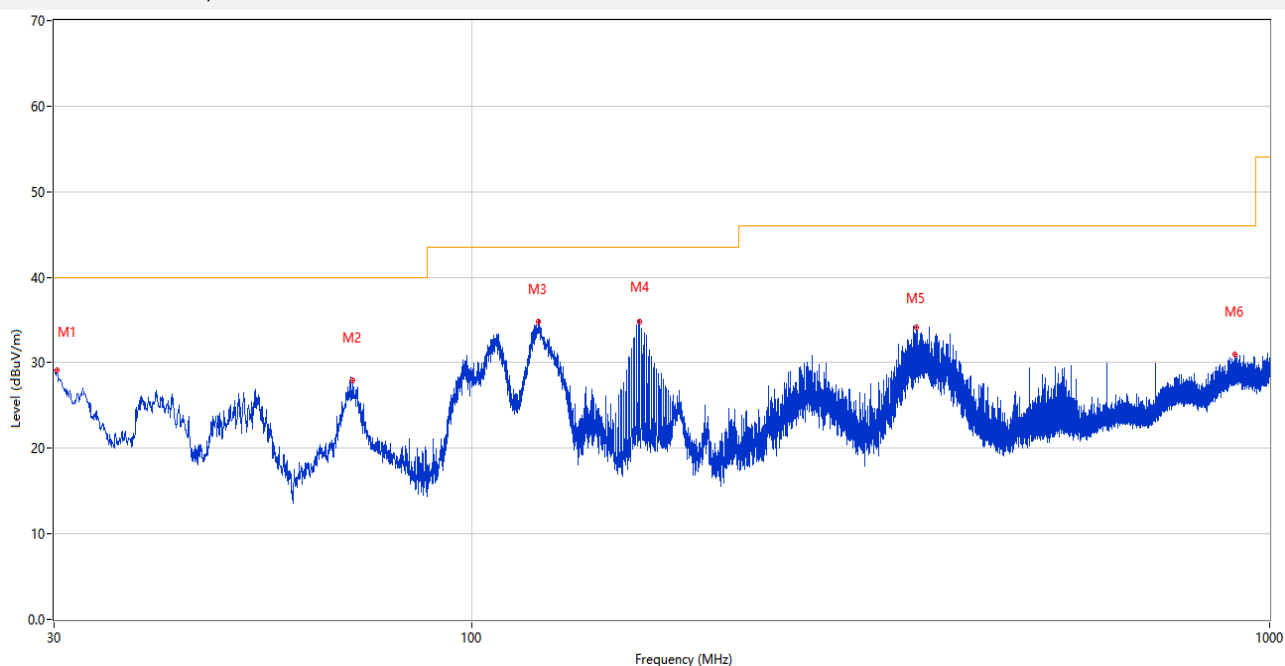
Test Data and Plots

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	71.079	23.99	-29.46	40.0	16.01	Peak	9.00	100	Horizontal	Pass
2	141.695	32.08	-29.89	43.5	11.42	Peak	110.00	200	Horizontal	Pass
3	147.322	33.84	-30.07	43.5	9.66	Peak	314.00	200	Horizontal	Pass
4	271.433	33.10	-24.59	46.0	12.90	Peak	115.00	100	Horizontal	Pass
5	356.454	38.09	-21.98	46.0	7.91	Peak	28.00	100	Horizontal	Pass
6	719.961	33.90	-13.53	46.0	12.10	Peak	186.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

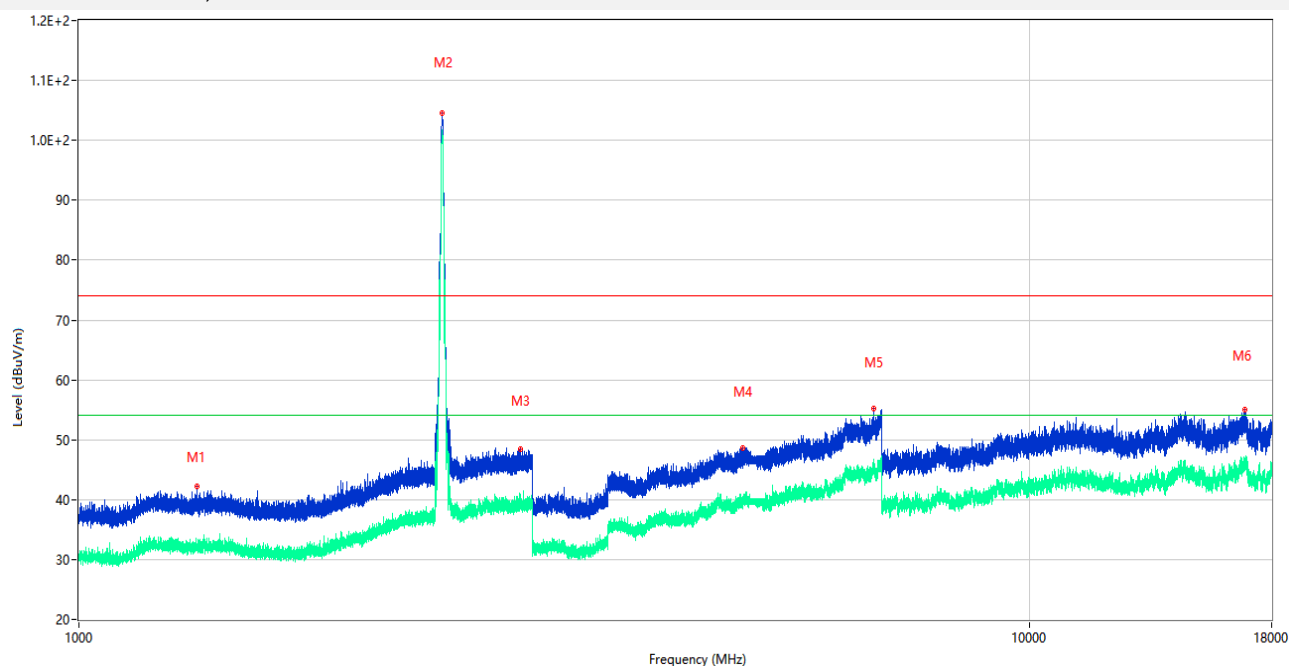


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.242	29.13	-28.56	40.0	10.87	Peak	275.00	100	Vertical	Pass
2	70.982	27.92	-29.55	40.0	12.08	Peak	91.00	100	Vertical	Pass
3	121.229	34.78	-28.54	43.5	8.72	Peak	273.00	100	Vertical	Pass
4	162.211	34.77	-28.94	43.5	8.73	Peak	228.00	100	Vertical	Pass
5	361.158	34.14	-21.98	46.0	11.86	Peak	162.00	100	Vertical	Pass
6	905.522	31.02	-8.73	46.0	14.98	Peak	126.00	200	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

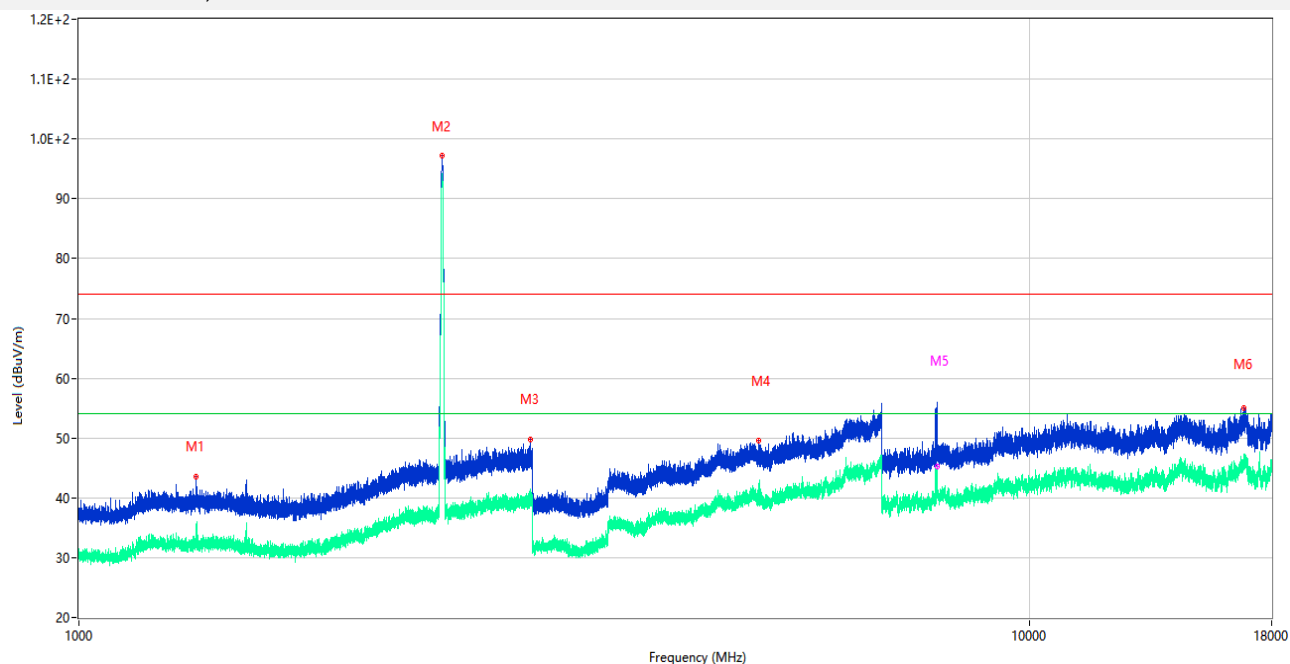
Note²: The spurious above 18G is noise only, do not show on the report.

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



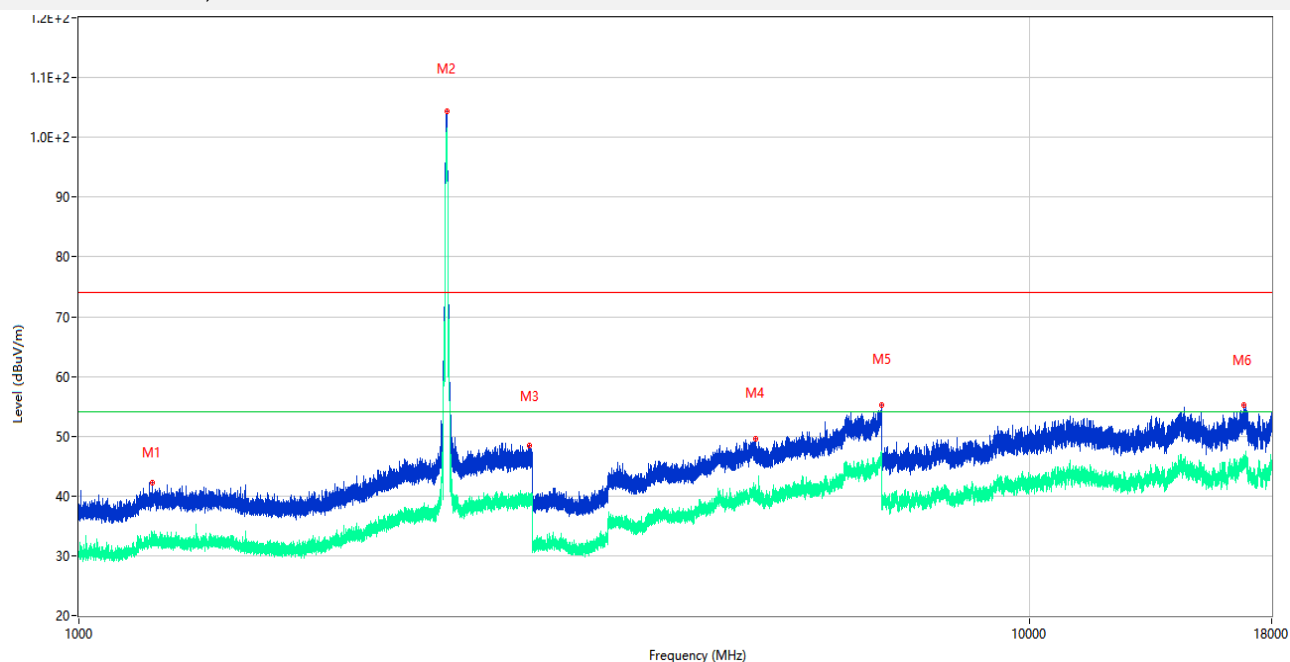
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	42.17	-17.66	74.0	31.83	Peak	144.00	300	Horizontal	Pass
1**	1332.800	31.64	-17.66	54.0	22.36	AV	144.00	300	Horizontal	Pass
2	2413.200	104.63	-13.91	74.0	-30.63	Peak	85.00	150	Horizontal	N/A
2**	2413.200	101.76	-13.91	54.0	-47.76	AV	85.00	150	Horizontal	N/A
3	2918.200	48.46	-10.95	74.0	25.54	Peak	70.00	200	Horizontal	Pass
3**	2918.200	39.45	-10.95	54.0	14.55	AV	70.00	200	Horizontal	Pass
4	4999.000	48.67	-7.19	74.0	25.33	Peak	1.00	400	Horizontal	Pass
4**	4999.000	38.92	-7.19	54.0	15.08	AV	1.00	400	Horizontal	Pass
5	6869.400	55.28	-0.81	74.0	18.72	Peak	55.00	100	Horizontal	Pass
5**	6869.400	45.31	-0.81	54.0	8.69	AV	55.00	100	Horizontal	Pass
6	16864.687	55.03	6.58	74.0	18.97	Peak	203.00	400	Horizontal	Pass
6**	16864.687	45.61	6.58	54.0	8.39	AV	203.00	400	Horizontal	Pass

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



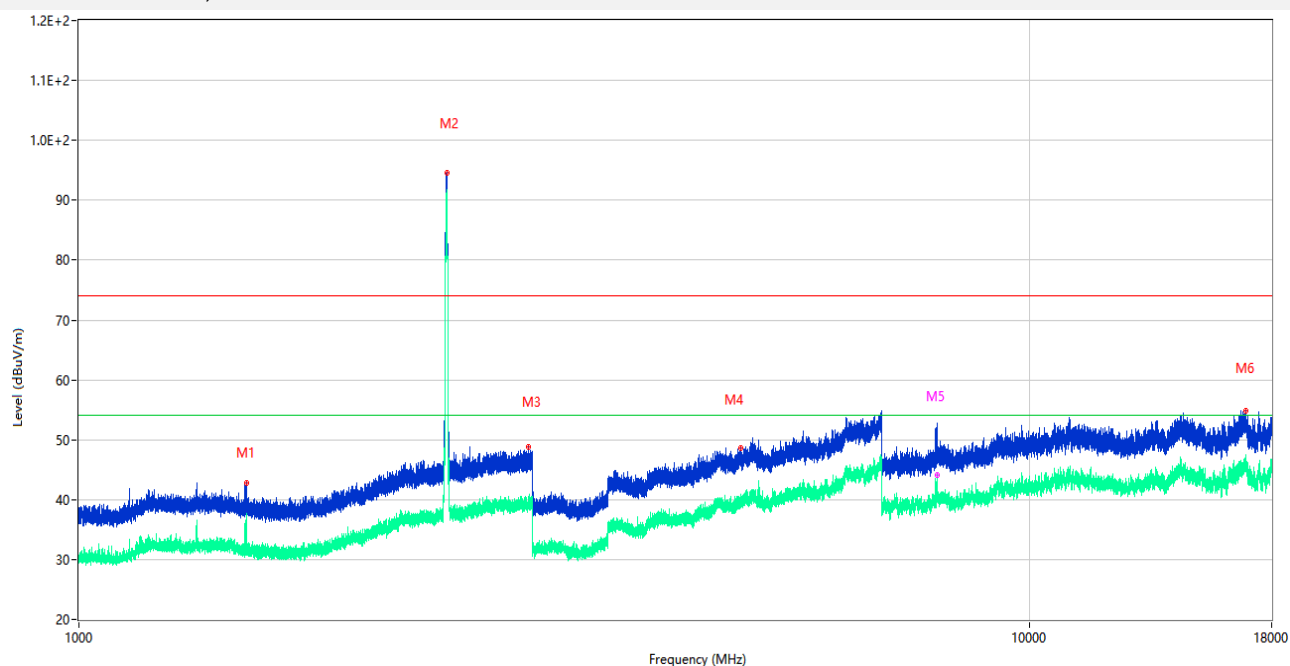
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	43.58	-17.64	74.0	30.42	Peak	54.00	300	Vertical	Pass
1**	1329.600	32.50	-17.64	54.0	21.50	AV	54.00	300	Vertical	Pass
2	2410.500	97.14	-14.46	74.0	-23.14	Peak	9.00	200	Vertical	N/A
2**	2410.500	94.11	-14.46	54.0	-40.11	AV	9.00	200	Vertical	Fail
3	2988.900	49.78	-11.20	74.0	24.22	Peak	70.00	200	Vertical	Pass
3**	2988.900	39.65	-11.20	54.0	14.35	AV	70.00	200	Vertical	Pass
4	5198.400	49.55	-6.28	74.0	24.45	Peak	14.00	150	Vertical	Pass
4**	5198.400	41.47	-6.28	54.0	12.53	AV	14.00	150	Vertical	Pass
5	8000.787	47.00	-0.85	74.0	27.00	Peak	225.00	150	Vertical	Pass
5**	8000.787	45.16	-0.85	54.0	8.84	AV	225.00	150	Vertical	Pass
6	16830.301	55.04	5.95	74.0	18.96	Peak	163.00	100	Vertical	Pass
6**	16830.301	45.67	5.95	54.0	8.33	AV	163.00	100	Vertical	Pass

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



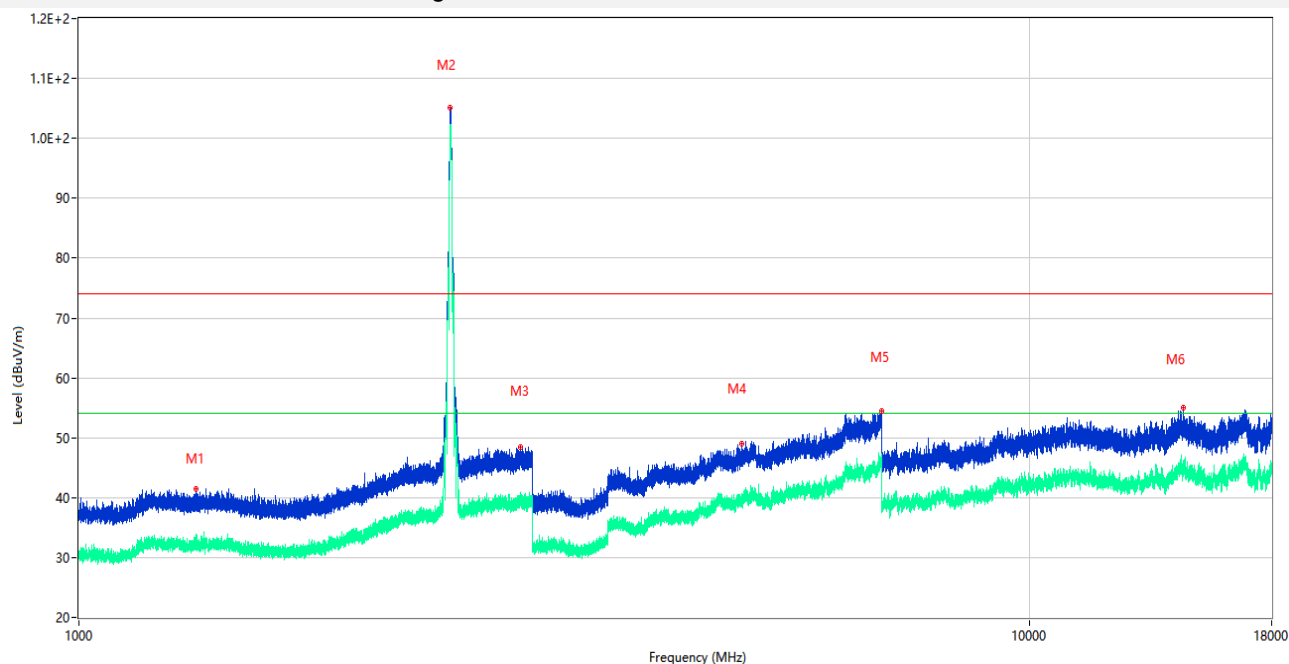
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.700	42.26	-17.57	74.0	31.74	Peak	6.00	100	Horizontal	Pass
1**	1195.700	32.30	-17.57	54.0	21.70	AV	6.00	100	Horizontal	Pass
2	2438.500	104.38	-13.57	74.0	-30.38	Peak	95.00	200	Horizontal	N/A
2**	2438.500	101.48	-13.57	54.0	-47.48	AV	95.00	200	Horizontal	N/A
3	2975.900	48.40	-10.91	74.0	25.60	Peak	64.00	150	Horizontal	Pass
3**	2975.900	39.47	-10.91	54.0	14.53	AV	64.00	150	Horizontal	Pass
4	5155.200	49.53	-5.91	74.0	24.47	Peak	-1.00	150	Horizontal	Pass
4**	5155.200	40.75	-5.91	54.0	13.25	AV	-1.00	150	Horizontal	Pass
5	6997.400	55.14	-1.39	74.0	18.86	Peak	346.00	100	Horizontal	Pass
5**	6997.400	47.04	-1.39	54.0	6.96	AV	346.00	100	Horizontal	Pass
6	16841.062	55.15	6.25	74.0	18.85	Peak	-1.00	400	Horizontal	Pass
6**	16841.062	45.51	6.25	54.0	8.49	AV	-1.00	400	Horizontal	Pass

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



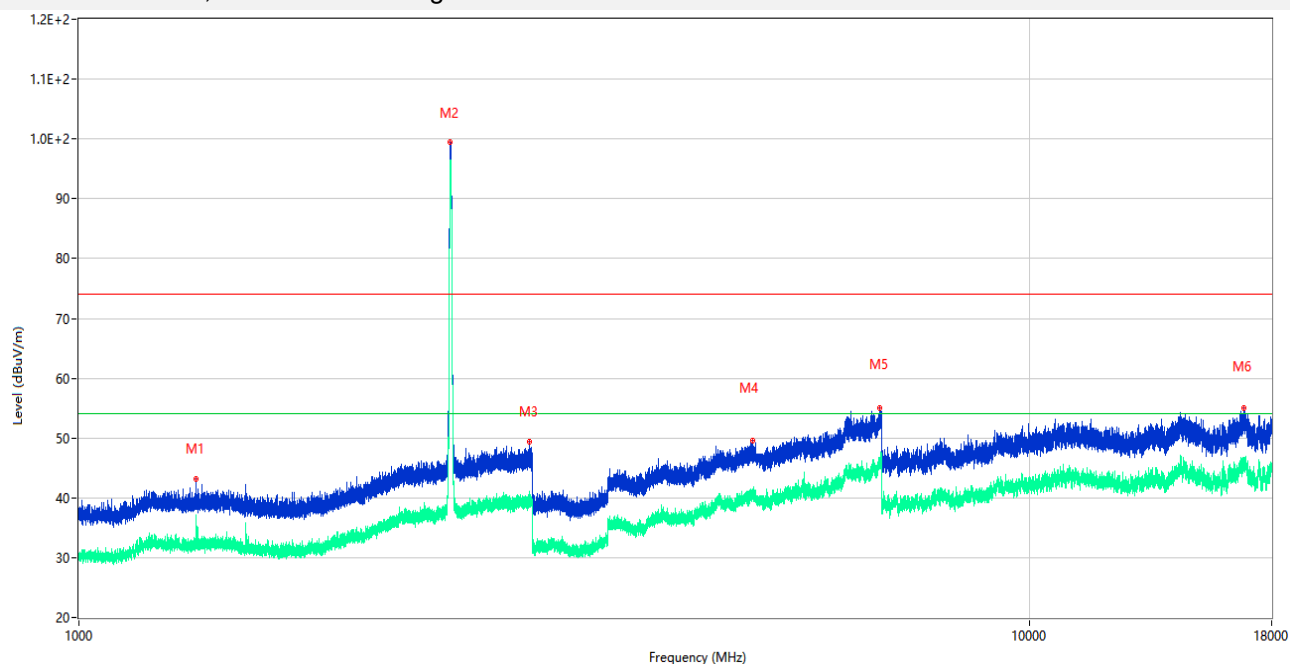
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.400	42.82	-18.64	74.0	31.18	Peak	101.00	200	Vertical	Pass
1**	1501.400	34.83	-18.64	54.0	19.17	AV	101.00	200	Vertical	Pass
2	2438.500	94.52	-13.57	74.0	-20.52	Peak	204.00	150	Vertical	N/A
2**	2438.500	91.64	-13.57	54.0	-37.64	AV	204.00	150	Vertical	N/A
3	2973.100	48.73	-11.06	74.0	25.27	Peak	26.00	200	Vertical	Pass
3**	2973.100	39.37	-11.06	54.0	14.63	AV	26.00	200	Vertical	Pass
4	4971.600	48.70	-6.49	74.0	25.30	Peak	1.00	200	Vertical	Pass
4**	4971.600	39.65	-6.49	54.0	14.35	AV	1.00	200	Vertical	Pass
5	8000.212	46.34	-0.88	74.0	27.66	Peak	92.00	150	Vertical	Pass
5**	8000.212	44.12	-0.88	54.0	9.88	AV	92.00	150	Vertical	Pass
6	16915.088	54.90	6.89	74.0	19.10	Peak	103.00	400	Vertical	Pass
6**	16915.088	46.13	6.89	54.0	7.87	AV	103.00	400	Vertical	Pass

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



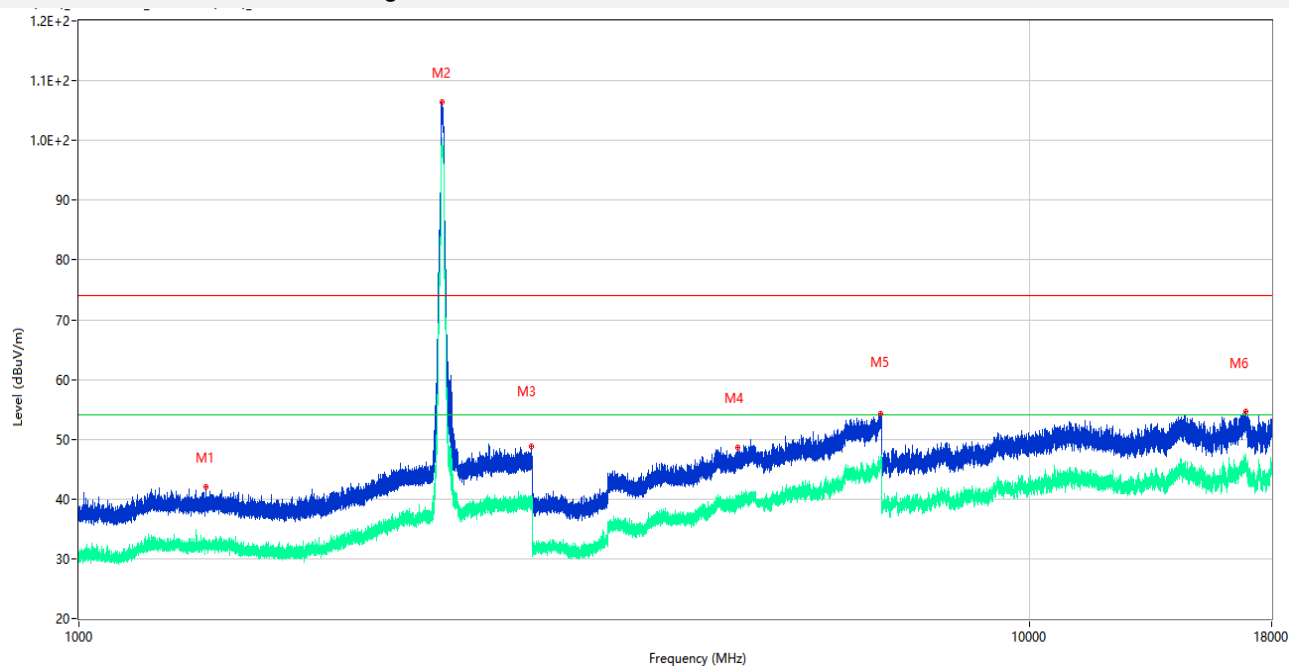
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	41.53	-17.47	74.0	32.47	Peak	2.00	200	Horizontal	Pass
1**	1328.500	32.25	-17.47	54.0	21.75	AV	2.00	200	Horizontal	Pass
2	2460.800	105.07	-13.77	74.0	-31.07	Peak	97.00	200	Horizontal	N/A
2**	2460.800	102.17	-13.77	54.0	-48.17	AV	97.00	200	Horizontal	N/A
3	2915.800	48.43	-11.34	74.0	25.57	Peak	97.00	150	Horizontal	Pass
3**	2915.800	39.54	-11.34	54.0	14.46	AV	97.00	150	Horizontal	Pass
4	4989.800	49.05	-6.75	74.0	24.95	Peak	261.00	200	Horizontal	Pass
4**	4989.800	40.06	-6.75	54.0	13.94	AV	261.00	200	Horizontal	Pass
5	6992.600	54.48	-1.10	74.0	19.52	Peak	195.00	300	Horizontal	Pass
5**	6992.600	46.08	-1.10	54.0	7.92	AV	195.00	300	Horizontal	Pass
6	14526.862	55.01	3.89	74.0	18.99	Peak	202.00	100	Horizontal	Pass
6**	14526.862	44.59	3.89	54.0	9.41	AV	202.00	100	Horizontal	Pass

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



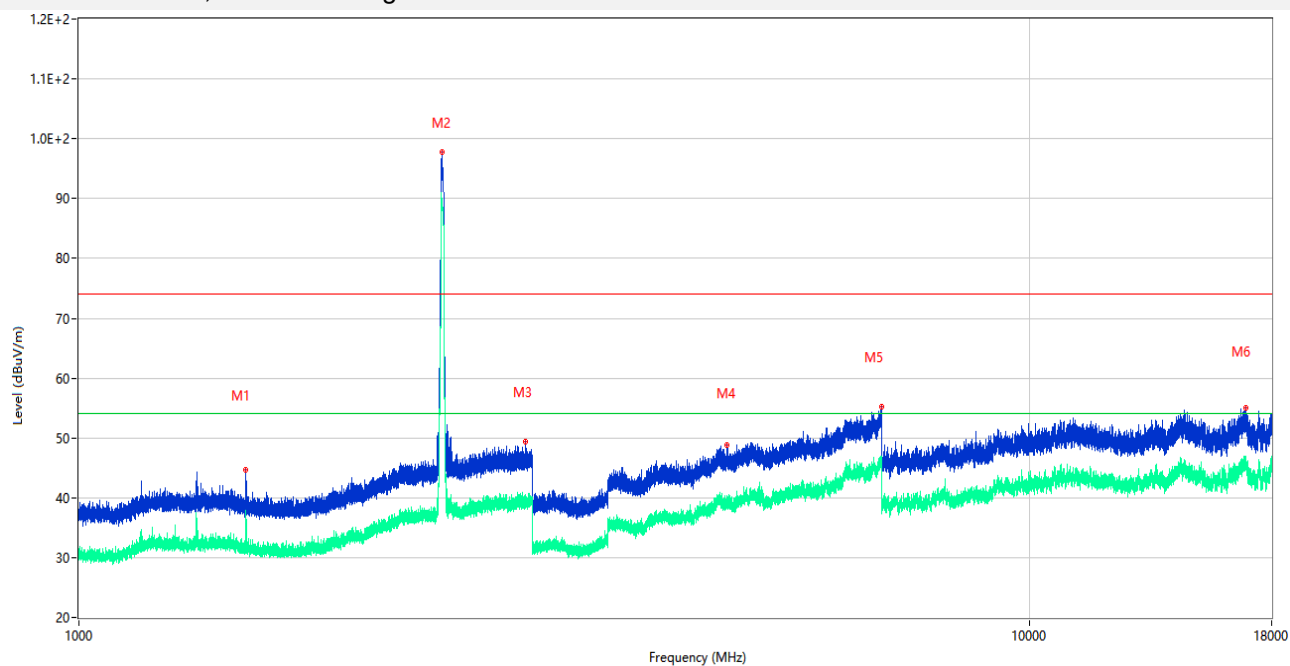
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.100	43.22	-17.81	74.0	30.78	Peak	137.00	300	Vertical	Pass
1**	1327.100	37.06	-17.81	54.0	16.94	AV	137.00	300	Vertical	Pass
2	2460.800	99.40	-13.77	74.0	-25.40	Peak	31.00	100	Vertical	N/A
2**	2460.800	96.44	-13.77	54.0	-42.44	AV	31.00	100	Vertical	N/A
3	2978.300	49.40	-10.95	74.0	24.60	Peak	120.00	200	Vertical	Pass
3**	2978.300	39.56	-10.95	54.0	14.44	AV	120.00	200	Vertical	Pass
4	5120.400	49.49	-5.94	74.0	24.51	Peak	-1.00	150	Vertical	Pass
4**	5120.400	40.38	-5.94	54.0	13.62	AV	-1.00	150	Vertical	Pass
5	6966.800	54.94	-1.10	74.0	19.06	Peak	-1.00	100	Vertical	Pass
5**	6966.800	45.60	-1.10	54.0	8.40	AV	-1.00	100	Vertical	Pass
6	16825.574	55.06	5.94	74.0	18.94	Peak	168.00	200	Vertical	Pass
6**	16825.574	45.08	5.94	54.0	8.92	AV	168.00	200	Vertical	Pass

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



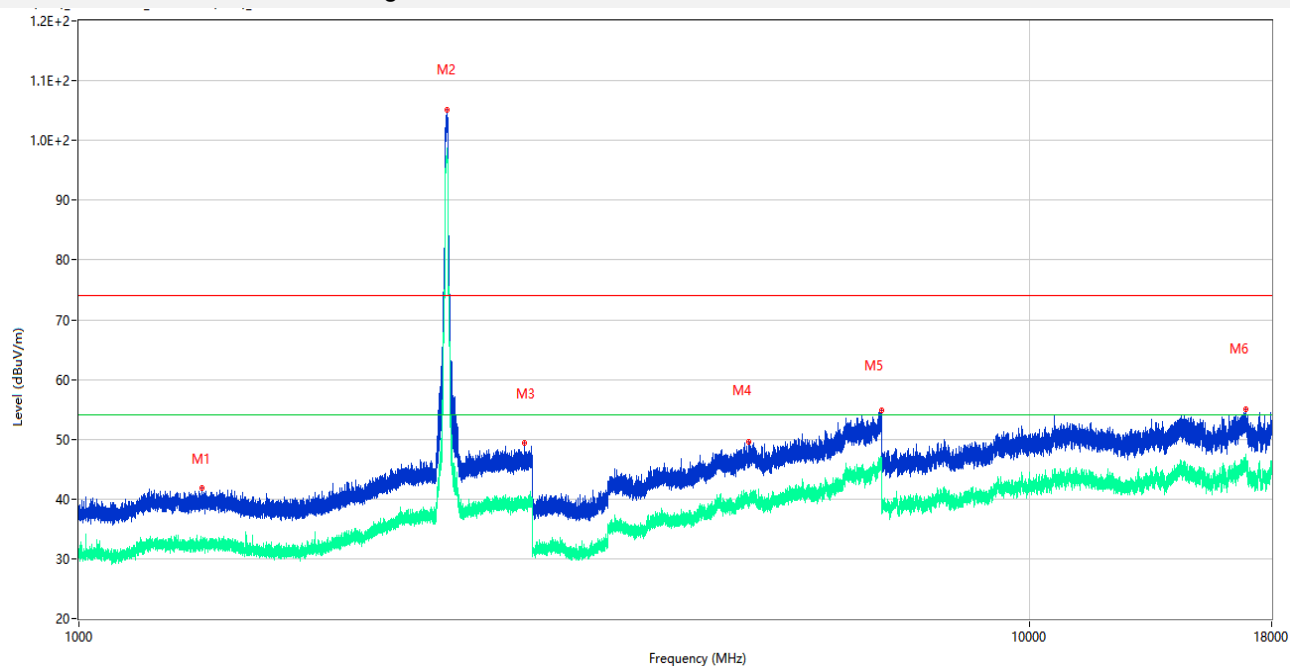
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1360.000	42.02	-17.45	74.0	31.98	Peak	21.00	400	Horizontal	Pass
1**	1360.000	32.10	-17.45	54.0	21.90	AV	21.00	400	Horizontal	Pass
2	2410.400	106.36	-14.43	74.0	-32.36	Peak	95.00	150	Horizontal	N/A
2**	2410.400	98.50	-14.43	54.0	-44.50	AV	95.00	150	Horizontal	N/A
3	2993.200	48.88	-11.12	74.0	25.12	Peak	338.00	200	Horizontal	Pass
3**	2993.200	39.50	-11.12	54.0	14.50	AV	338.00	200	Horizontal	Pass
4	4941.200	48.57	-6.70	74.0	25.43	Peak	340.00	400	Horizontal	Pass
4**	4941.200	39.44	-6.70	54.0	14.56	AV	340.00	400	Horizontal	Pass
5	6978.600	54.31	-0.97	74.0	19.69	Peak	1.00	400	Horizontal	Pass
5**	6978.600	47.12	-0.97	54.0	6.88	AV	1.00	400	Horizontal	Pass
6	16910.887	54.63	7.02	74.0	19.37	Peak	19.00	300	Horizontal	Pass
6**	16910.887	46.88	7.02	54.0	7.12	AV	19.00	300	Horizontal	Pass

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



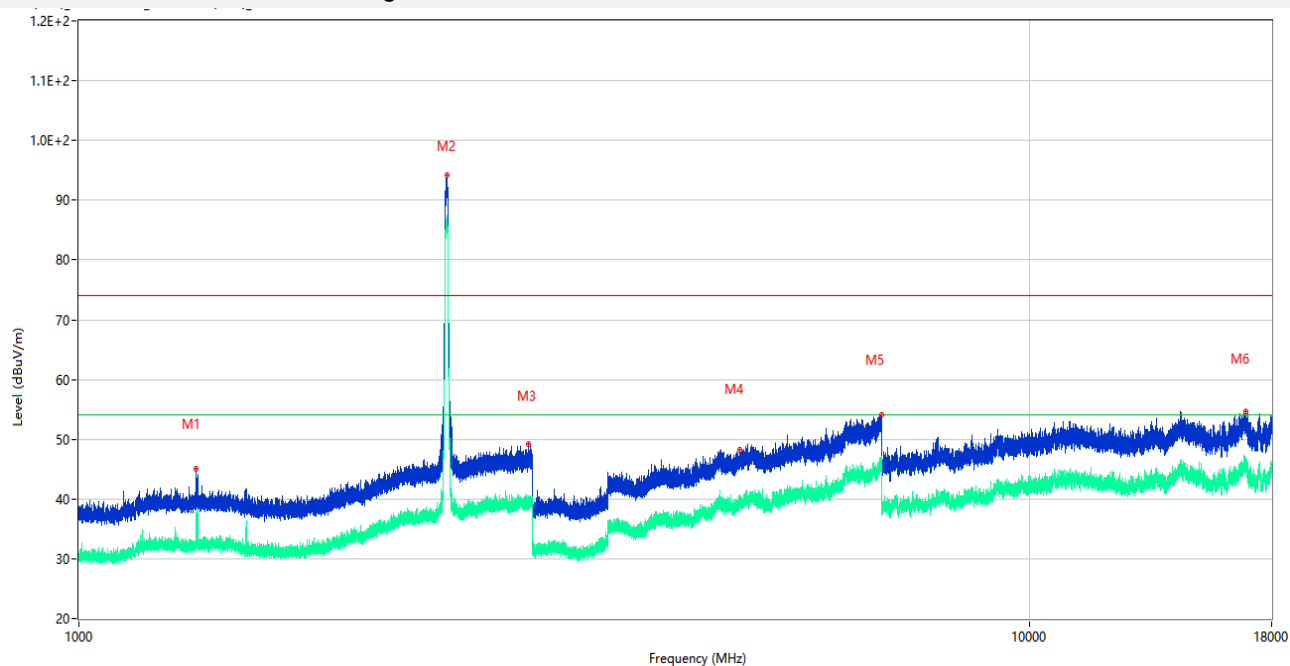
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	44.64	-18.62	74.0	29.36	Peak	82.00	300	Vertical	Pass
1**	1496.300	37.89	-18.62	54.0	16.11	AV	82.00	300	Vertical	Pass
2	2409.000	97.72	-14.27	74.0	-23.72	Peak	8.00	150	Vertical	N/A
2**	2409.000	89.70	-14.27	54.0	-35.70	AV	8.00	150	Vertical	N/A
3	2954.000	49.46	-11.53	74.0	24.54	Peak	38.00	150	Vertical	Pass
3**	2954.000	38.90	-11.53	54.0	15.10	AV	38.00	150	Vertical	Pass
4	4808.000	48.90	-6.56	74.0	25.10	Peak	124.00	300	Vertical	Pass
4**	4808.000	39.34	-6.56	54.0	14.66	AV	124.00	300	Vertical	Pass
5	6999.600	55.31	-1.18	74.0	18.69	Peak	312.00	100	Vertical	Pass
5**	6999.600	45.73	-1.18	54.0	8.27	AV	312.00	100	Vertical	Pass
6	16915.350	55.02	6.88	74.0	18.98	Peak	354.00	100	Vertical	Pass
6**	16915.350	46.91	6.88	54.0	7.09	AV	354.00	100	Vertical	Pass

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



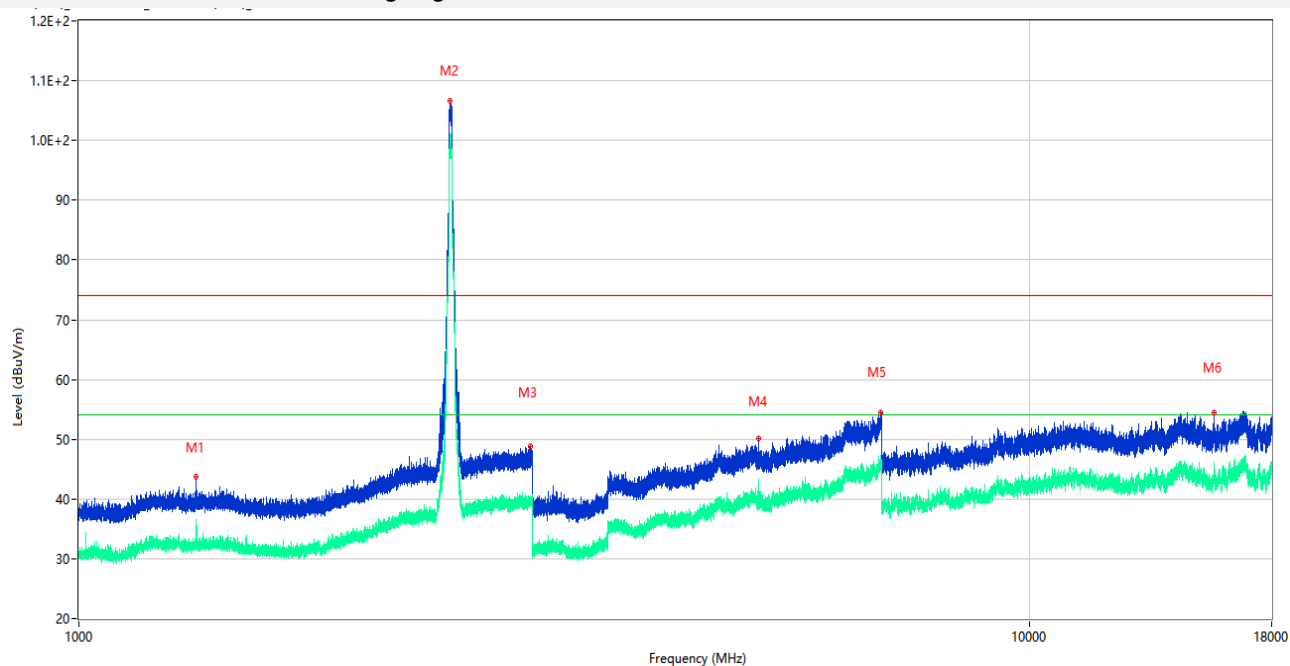
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1348.100	41.76	-17.17	74.0	32.24	Peak	310.00	100	Horizontal	Pass
1**	1348.100	32.22	-17.17	54.0	21.78	AV	310.00	100	Horizontal	Pass
2	2440.100	105.06	-13.98	74.0	-31.06	Peak	106.00	100	Horizontal	N/A
2**	2440.100	97.50	-13.98	54.0	-43.50	AV	106.00	100	Horizontal	N/A
3	2941.900	49.37	-11.41	74.0	24.63	Peak	360.00	100	Horizontal	Pass
3**	2941.900	39.65	-11.41	54.0	14.35	AV	360.00	100	Horizontal	Pass
4	5068.600	49.48	-6.88	74.0	24.52	Peak	38.00	100	Horizontal	Pass
4**	5068.600	40.24	-6.88	54.0	13.76	AV	38.00	100	Horizontal	Pass
5	6997.600	54.88	-1.43	74.0	19.12	Peak	316.00	100	Horizontal	Pass
5**	6997.600	46.62	-1.43	54.0	7.38	AV	316.00	100	Horizontal	Pass
6	16897.761	54.99	7.04	74.0	19.01	Peak	218.00	100	Horizontal	Pass
6**	16897.761	45.05	7.04	54.0	8.95	AV	218.00	100	Horizontal	Pass

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



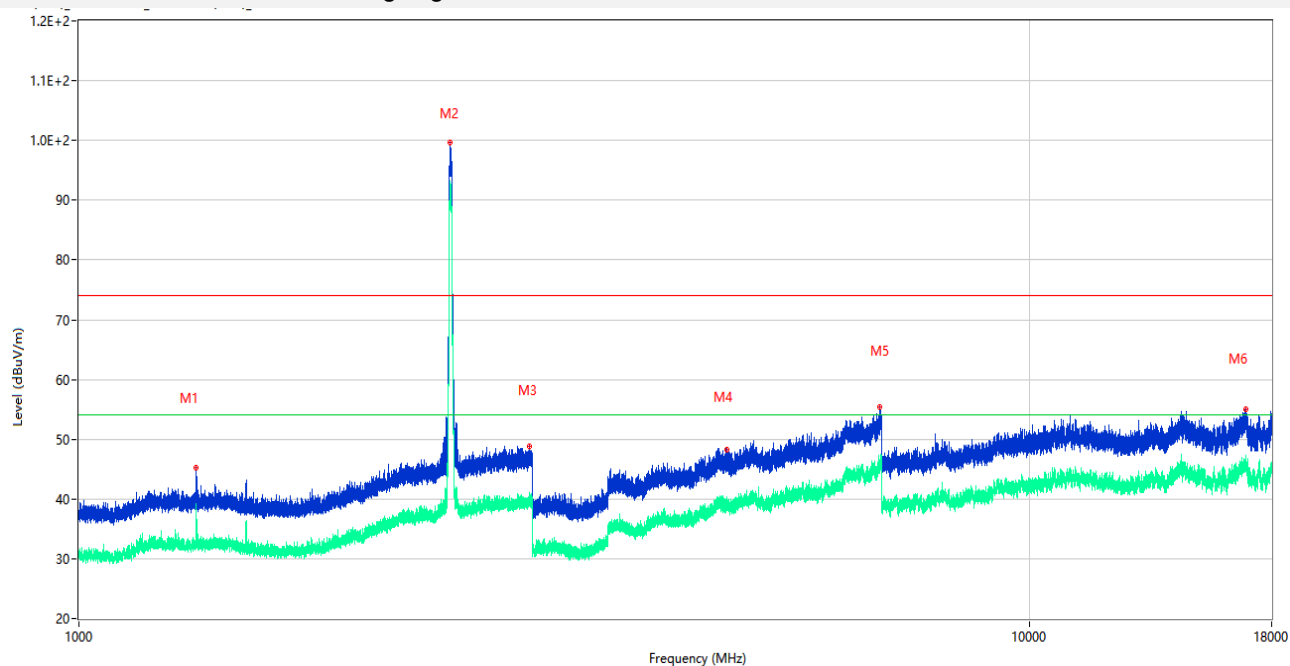
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	44.99	-17.64	74.0	29.01	Peak	124.00	400	Vertical	Pass
1**	1329.600	34.89	-17.64	54.0	19.11	AV	124.00	400	Vertical	Pass
2	2439.300	94.16	-13.82	74.0	-20.16	Peak	202.00	100	Vertical	N/A
2**	2439.300	85.78	-13.82	54.0	-31.78	AV	202.00	100	Vertical	N/A
3	2973.300	49.17	-10.94	74.0	24.83	Peak	191.00	100	Vertical	Pass
3**	2973.300	39.61	-10.94	54.0	14.39	AV	191.00	100	Vertical	Pass
4	4964.000	48.16	-6.39	74.0	25.84	Peak	19.00	100	Vertical	Pass
4**	4964.000	39.20	-6.39	54.0	14.80	AV	19.00	100	Vertical	Pass
5	6994.800	54.07	-1.78	74.0	19.93	Peak	341.00	100	Vertical	Pass
5**	6994.800	45.21	-1.78	54.0	8.79	AV	341.00	100	Vertical	Pass
6	16920.600	54.70	6.71	74.0	19.30	Peak	312.00	400	Vertical	Pass
6**	16920.600	45.90	6.71	54.0	8.10	AV	312.00	400	Vertical	Pass

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



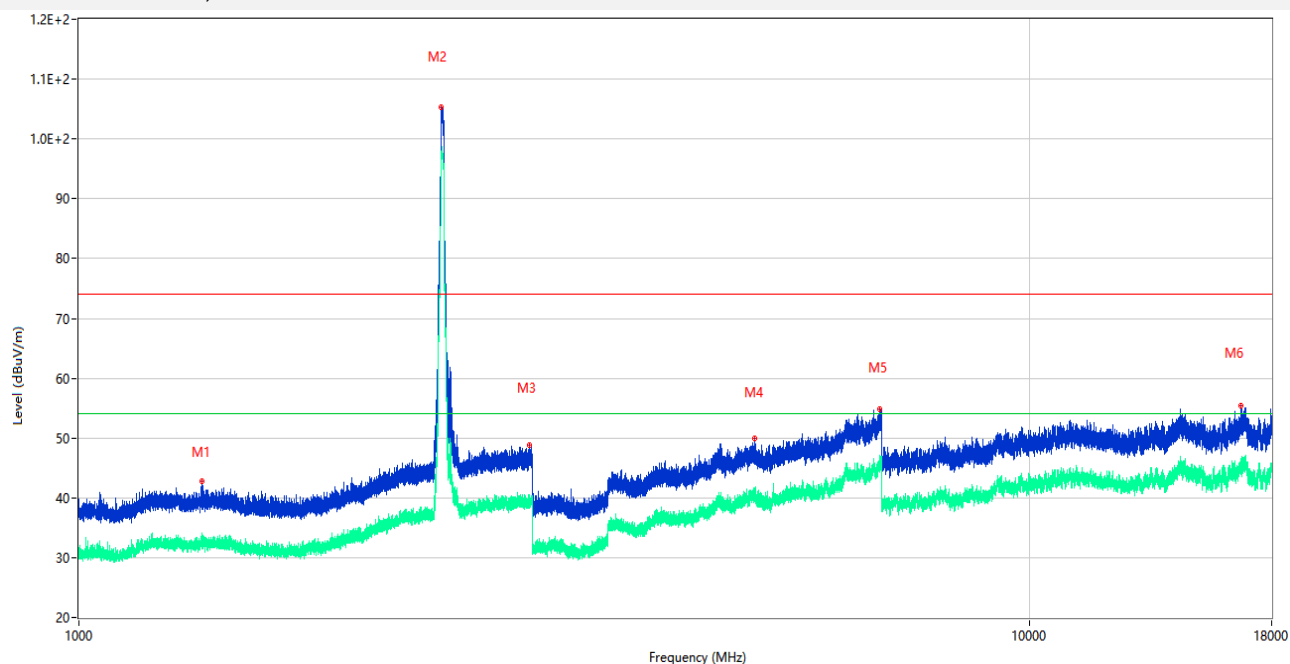
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	43.66	-17.61	74.0	30.34	Peak	38.00	300	Horizontal	Pass
1**	1329.500	32.12	-17.61	54.0	21.88	AV	38.00	300	Horizontal	Pass
2	2460.400	106.63	-13.80	74.0	-32.63	Peak	116.00	100	Horizontal	N/A
2**	2460.400	100.70	-13.80	54.0	-46.70	AV	116.00	100	Horizontal	N/A
3	2985.800	48.77	-11.30	74.0	25.23	Peak	360.00	150	Horizontal	Pass
3**	2985.800	39.20	-11.30	54.0	14.80	AV	360.00	150	Horizontal	Pass
4	5197.000	50.19	-6.58	74.0	23.81	Peak	0.00	100	Horizontal	Pass
4**	5197.000	43.08	-6.58	54.0	10.92	AV	0.00	100	Horizontal	Pass
5	6975.800	54.54	-1.17	74.0	19.46	Peak	360.00	100	Horizontal	Pass
5**	6975.800	45.38	-1.17	54.0	8.62	AV	360.00	100	Horizontal	Pass
6	15667.687	54.42	3.72	74.0	19.58	Peak	126.00	100	Horizontal	Pass
6**	15667.687	43.48	3.72	54.0	10.52	AV	126.00	100	Horizontal	Pass

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



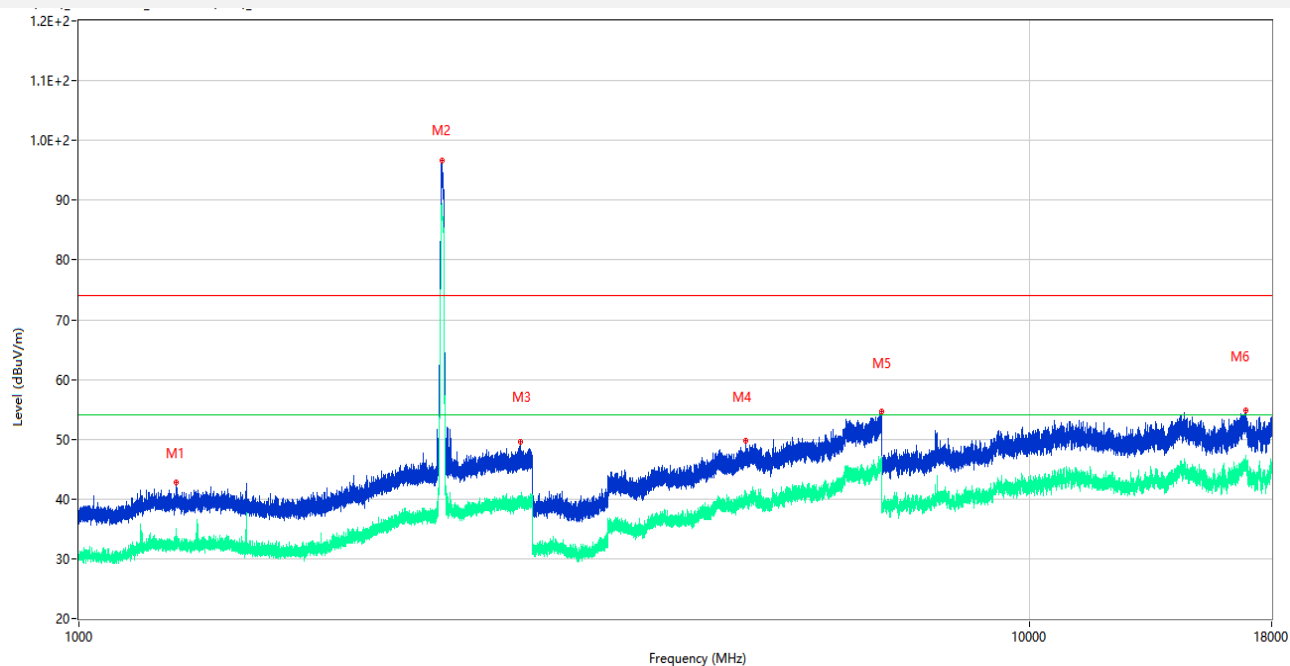
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	45.18	-17.43	74.0	28.82	Peak	141.00	200	Vertical	Pass
1**	1328.600	34.93	-17.43	54.0	19.07	AV	141.00	200	Vertical	Pass
2	2460.400	99.60	-13.80	74.0	-25.60	Peak	25.00	100	Vertical	N/A
2**	2460.400	92.25	-13.80	54.0	-38.25	AV	25.00	100	Vertical	N/A
3	2979.400	48.83	-10.71	74.0	25.17	Peak	294.00	150	Vertical	Pass
3**	2979.400	40.59	-10.71	54.0	13.41	AV	294.00	150	Vertical	Pass
4	4808.000	48.27	-6.56	74.0	25.73	Peak	62.00	400	Vertical	Pass
4**	4808.000	38.75	-6.56	54.0	15.25	AV	62.00	400	Vertical	Pass
5	6969.600	55.41	-1.13	74.0	18.59	Peak	310.00	300	Vertical	Pass
5**	6969.600	46.05	-1.13	54.0	7.95	AV	310.00	300	Vertical	Pass
6	16900.387	54.94	7.09	74.0	19.06	Peak	40.00	400	Vertical	Pass
6**	16900.387	47.27	7.09	54.0	6.73	AV	40.00	400	Vertical	Pass

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



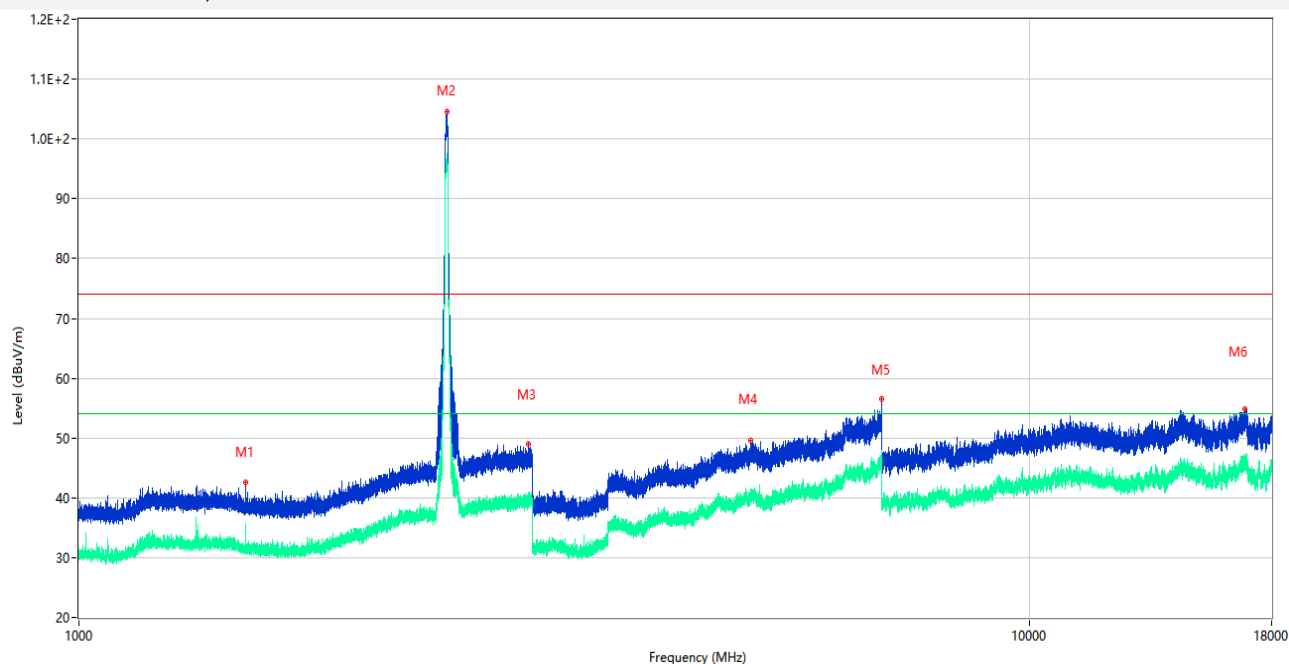
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.800	42.76	-17.19	74.0	31.24	Peak	178.00	200	Horizontal	Pass
1**	1345.800	33.56	-17.19	54.0	20.44	AV	178.00	200	Horizontal	Pass
2	2405.300	105.30	-14.36	74.0	-31.30	Peak	104.00	100	Horizontal	N/A
2**	2405.300	96.64	-14.36	54.0	-42.64	AV	104.00	100	Horizontal	N/A
3	2980.800	48.83	-11.24	74.0	25.17	Peak	17.00	100	Horizontal	Pass
3**	2980.800	39.23	-11.24	54.0	14.77	AV	17.00	100	Horizontal	Pass
4	5140.000	49.98	-6.23	74.0	24.02	Peak	227.00	100	Horizontal	Pass
4**	5140.000	41.34	-6.23	54.0	12.66	AV	227.00	100	Horizontal	Pass
5	6970.800	54.85	-1.14	74.0	19.15	Peak	143.00	100	Horizontal	Pass
5**	6970.800	46.00	-1.14	54.0	8.00	AV	143.00	100	Horizontal	Pass
6	16710.338	55.32	6.90	74.0	18.68	Peak	314.00	400	Horizontal	Pass
6**	16710.338	46.43	6.90	54.0	7.57	AV	314.00	400	Horizontal	Pass

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



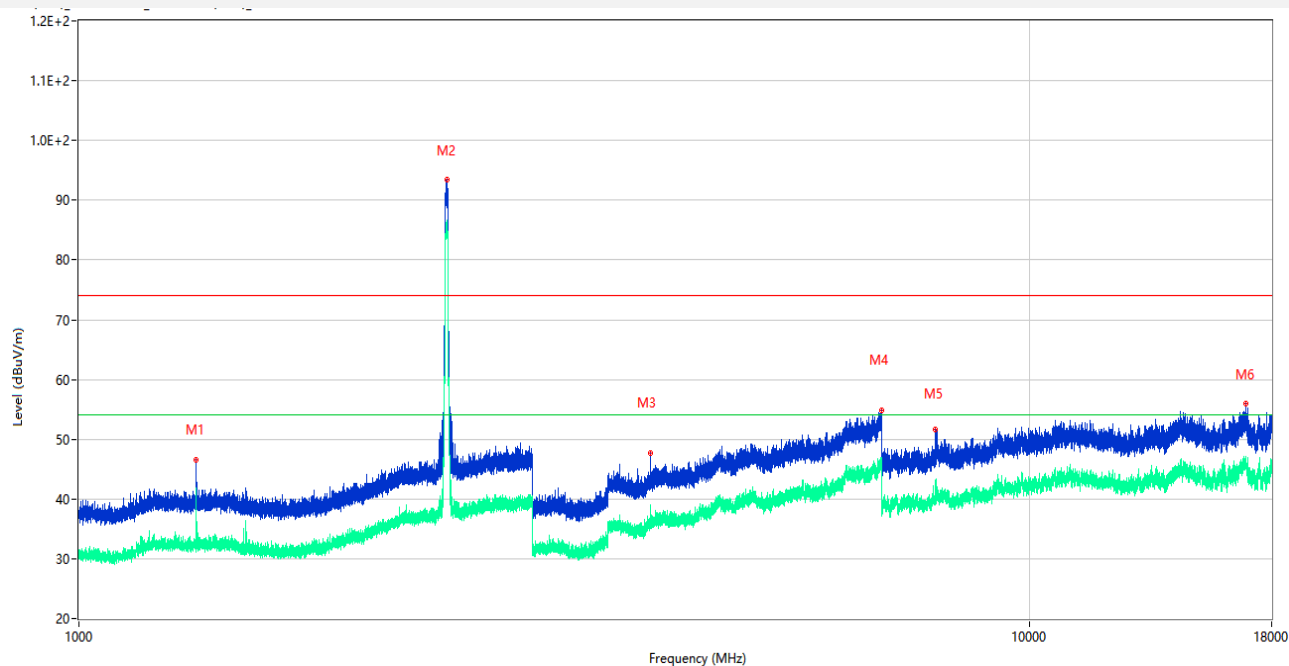
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1265.300	42.74	-17.52	74.0	31.26	Peak	131.00	200	Vertical	Pass
1**	1265.300	33.16	-17.52	54.0	20.84	AV	131.00	200	Vertical	Pass
2	2410.600	96.70	-14.49	74.0	-22.70	Peak	305.00	150	Vertical	N/A
2**	2410.600	89.47	-14.49	54.0	-35.47	AV	305.00	150	Vertical	N/A
3	2917.900	49.56	-11.02	74.0	24.44	Peak	131.00	150	Vertical	Pass
3**	2917.900	39.21	-11.02	54.0	14.79	AV	131.00	150	Vertical	Pass
4	5029.600	49.71	-6.23	74.0	24.29	Peak	212.00	100	Vertical	Pass
4**	5029.600	40.07	-6.23	54.0	13.93	AV	212.00	100	Vertical	Pass
5	6992.000	54.68	-1.45	74.0	19.32	Peak	212.00	100	Vertical	Pass
5**	6992.000	45.75	-1.45	54.0	8.25	AV	212.00	100	Vertical	Pass
6	16897.500	54.75	7.03	74.0	19.25	Peak	189.00	100	Vertical	Pass
6**	16897.500	45.35	7.03	54.0	8.65	AV	189.00	100	Vertical	Pass

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



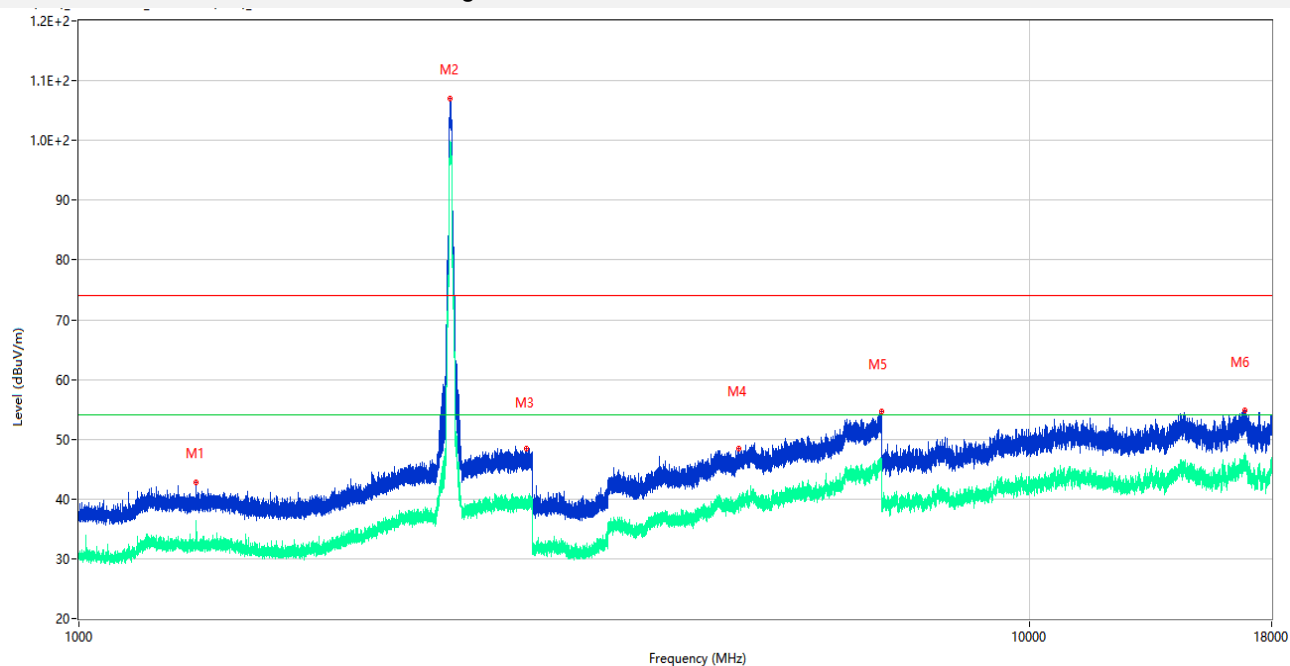
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	42.61	-18.22	74.0	31.39	Peak	134.00	100	Horizontal	Pass
1**	1496.700	31.95	-18.22	54.0	22.05	AV	134.00	100	Horizontal	Pass
2	2438.400	104.52	-13.62	74.0	-30.52	Peak	111.00	100	Horizontal	N/A
2**	2438.400	96.53	-13.62	54.0	-42.53	AV	111.00	100	Horizontal	N/A
3	2975.500	48.98	-10.74	74.0	25.02	Peak	90.00	200	Horizontal	Pass
3**	2975.500	39.65	-10.74	54.0	14.35	AV	90.00	200	Horizontal	Pass
4	5094.200	49.50	-6.02	74.0	24.50	Peak	20.00	150	Horizontal	Pass
4**	5094.200	40.61	-6.02	54.0	13.39	AV	20.00	150	Horizontal	Pass
5	6994.200	56.50	-1.65	74.0	17.50	Peak	164.00	400	Horizontal	Pass
5**	6994.200	45.84	-1.65	54.0	8.16	AV	164.00	400	Horizontal	Pass
6	16849.199	54.89	6.51	74.0	19.11	Peak	156.00	100	Horizontal	Pass
6**	16849.199	46.26	6.51	54.0	7.74	AV	156.00	100	Horizontal	Pass

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



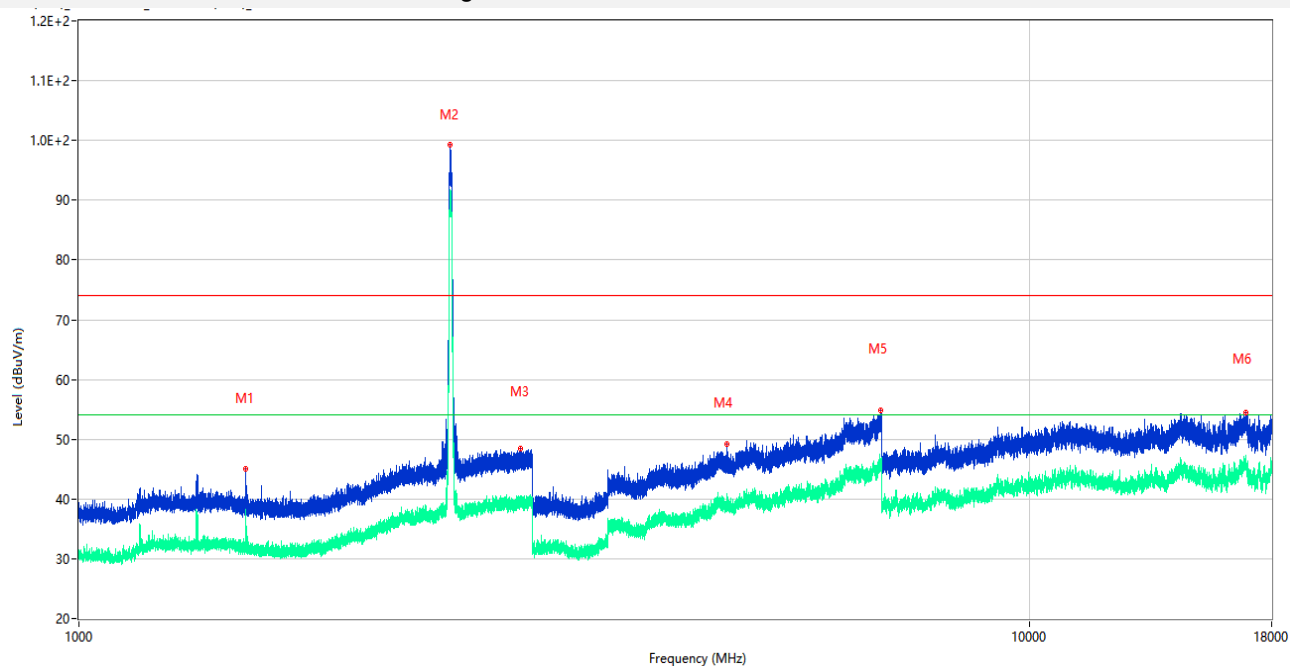
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	46.56	-17.57	74.0	27.44	Peak	145.00	100	Vertical	Pass
1**	1328.200	33.49	-17.57	54.0	20.51	AV	145.00	100	Vertical	Pass
2	2437.900	93.37	-13.86	74.0	-19.37	Peak	49.00	100	Vertical	N/A
2**	2437.900	85.43	-13.86	54.0	-31.43	AV	49.00	100	Vertical	N/A
3	3993.000	47.69	-9.19	74.0	26.31	Peak	131.00	100	Vertical	Pass
3**	3993.000	36.10	-9.19	54.0	17.90	AV	131.00	100	Vertical	Pass
4	6993.000	54.84	-0.85	74.0	19.16	Peak	239.00	100	Vertical	Pass
4**	6993.000	46.13	-0.85	54.0	7.87	AV	239.00	100	Vertical	Pass
5	7963.125	51.66	-1.03	74.0	22.34	Peak	140.00	100	Vertical	Pass
5**	7963.125	39.88	-1.03	54.0	14.12	AV	140.00	100	Vertical	Pass
6	16915.614	55.90	6.88	74.0	18.10	Peak	239.00	100	Vertical	Pass
6**	16915.614	46.24	6.88	54.0	7.76	AV	239.00	100	Vertical	Pass

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



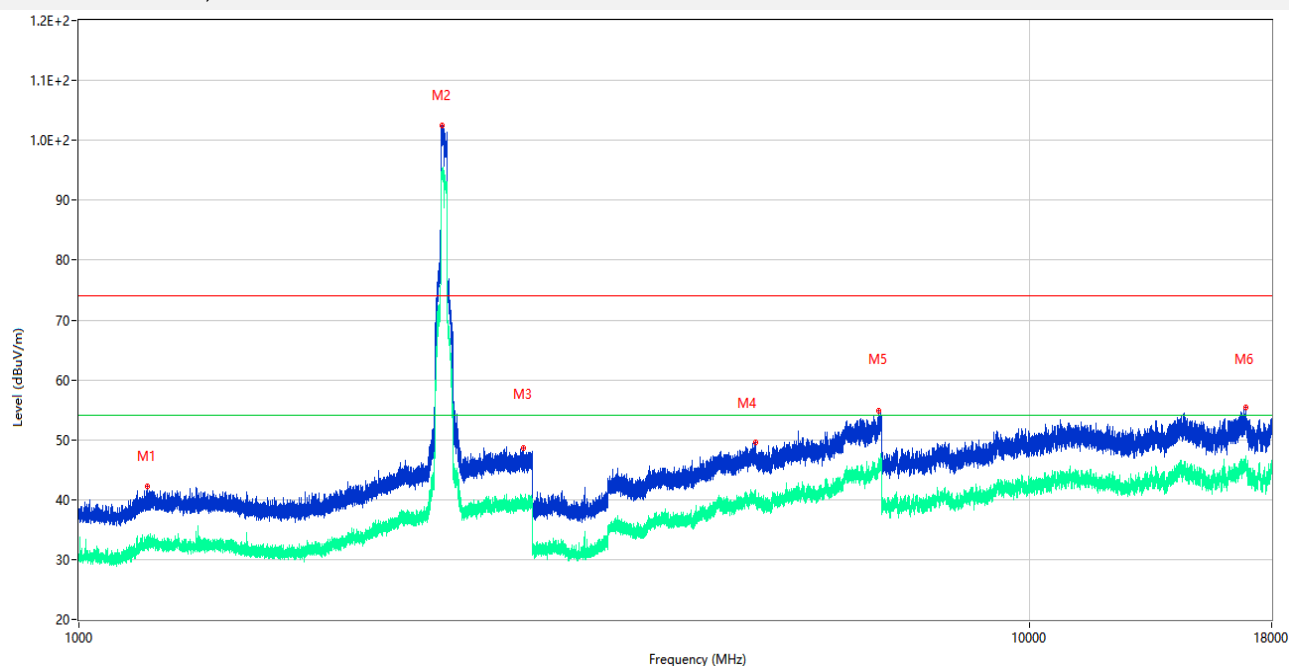
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	42.73	-17.64	74.0	31.27	Peak	63.00	100	Horizontal	Pass
1**	1329.600	36.46	-17.64	54.0	17.54	AV	63.00	100	Horizontal	Pass
2	2460.900	106.99	-13.78	74.0	-32.99	Peak	117.00	100	Horizontal	N/A
2**	2460.900	99.66	-13.78	54.0	-45.66	AV	117.00	100	Horizontal	N/A
3	2959.800	48.50	-11.39	74.0	25.50	Peak	360.00	100	Horizontal	Pass
3**	2959.800	39.65	-11.39	54.0	14.35	AV	360.00	100	Horizontal	Pass
4	4950.800	48.41	-6.81	74.0	25.59	Peak	0.00	400	Horizontal	Pass
4**	4950.800	39.57	-6.81	54.0	14.43	AV	0.00	400	Horizontal	Pass
5	6990.600	54.62	-1.22	74.0	19.38	Peak	321.00	200	Horizontal	Pass
5**	6990.600	46.36	-1.22	54.0	7.64	AV	321.00	200	Horizontal	Pass
6	16866.000	54.93	6.56	74.0	19.07	Peak	360.00	100	Horizontal	Pass
6**	16866.000	45.49	6.56	54.0	8.51	AV	360.00	100	Horizontal	Pass

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



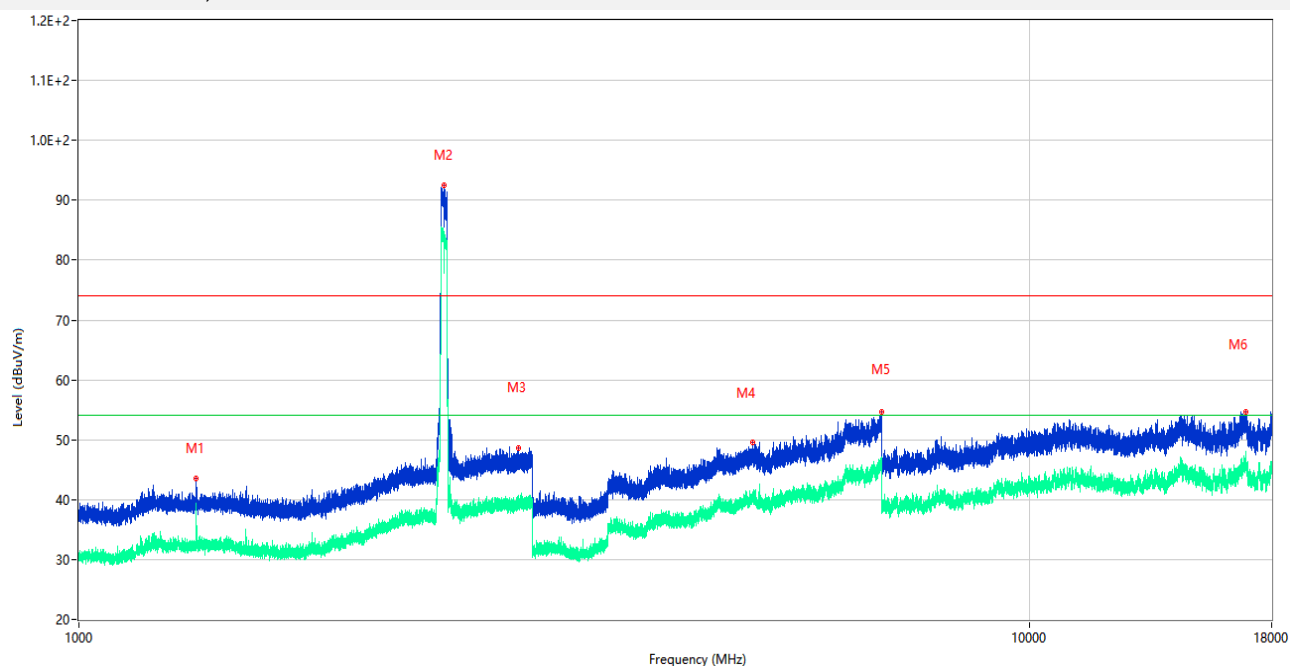
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	45.09	-18.39	74.0	28.91	Peak	114.00	400	Vertical	Pass
1**	1498.700	31.97	-18.39	54.0	22.03	AV	114.00	400	Vertical	Pass
2	2460.700	99.29	-13.78	74.0	-25.29	Peak	49.00	200	Vertical	N/A
2**	2460.700	90.34	-13.78	54.0	-36.34	AV	49.00	200	Vertical	N/A
3	2916.100	48.39	-11.17	74.0	25.61	Peak	219.00	100	Vertical	Pass
3**	2916.100	39.66	-11.17	54.0	14.34	AV	219.00	100	Vertical	Pass
4	4803.200	49.12	-6.82	74.0	24.88	Peak	343.00	200	Vertical	Pass
4**	4803.200	40.86	-6.82	54.0	13.14	AV	343.00	200	Vertical	Pass
5	6977.000	54.93	-1.37	74.0	19.07	Peak	301.00	300	Vertical	Pass
5**	6977.000	46.04	-1.37	54.0	7.96	AV	301.00	300	Vertical	Pass
6	16915.350	54.53	6.88	74.0	19.47	Peak	263.00	100	Vertical	Pass
6**	16915.350	46.89	6.88	54.0	7.11	AV	263.00	100	Vertical	Pass

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



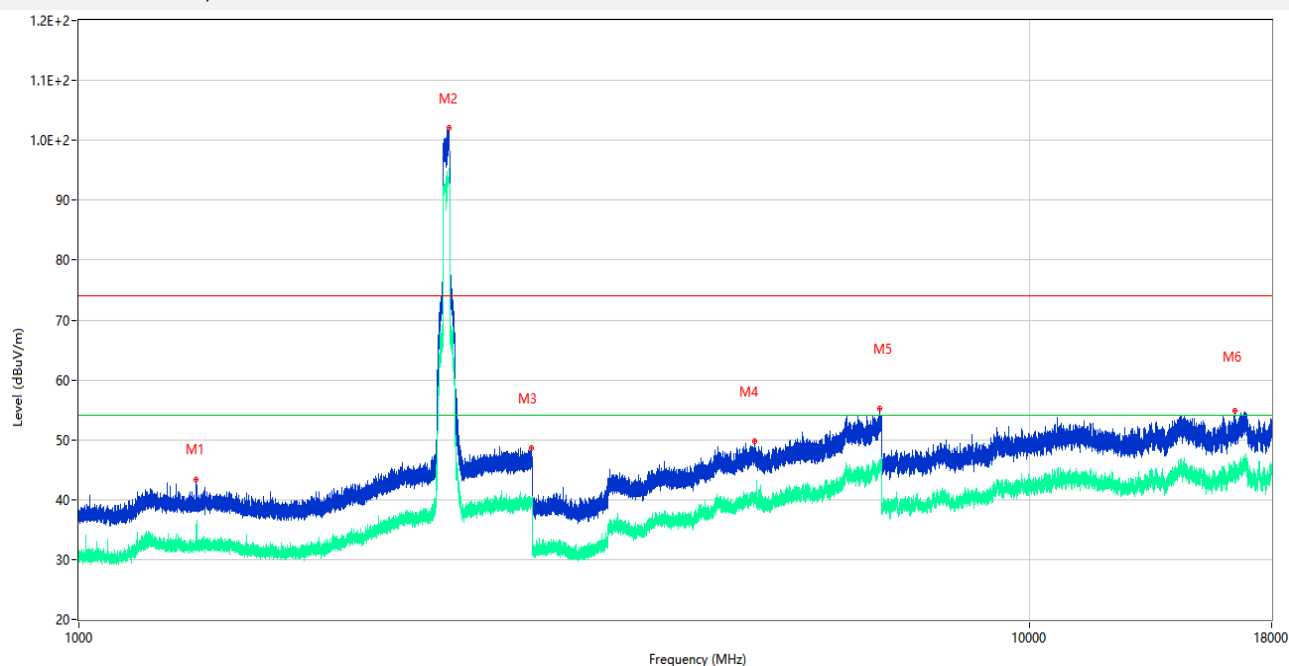
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1179.900	42.25	-17.59	74.0	31.75	Peak	182.00	300	Horizontal	Pass
1**	1179.900	32.76	-17.59	54.0	21.24	AV	182.00	300	Horizontal	Pass
2	2413.200	102.51	-13.91	74.0	-28.51	Peak	120.00	150	Horizontal	N/A
2**	2413.200	94.49	-13.91	54.0	-40.49	AV	120.00	150	Horizontal	N/A
3	2936.800	48.70	-11.55	74.0	25.30	Peak	38.00	100	Horizontal	Pass
3**	2936.800	39.09	-11.55	54.0	14.91	AV	38.00	100	Horizontal	Pass
4	5150.200	49.56	-5.99	74.0	24.44	Peak	0.00	150	Horizontal	Pass
4**	5150.200	40.78	-5.99	54.0	13.22	AV	0.00	150	Horizontal	Pass
5	6948.600	54.86	-0.89	74.0	19.14	Peak	156.00	100	Horizontal	Pass
5**	6948.600	45.61	-0.89	54.0	8.39	AV	156.00	100	Horizontal	Pass
6	16910.887	55.41	7.02	74.0	18.59	Peak	346.00	100	Horizontal	Pass
6**	16910.887	46.68	7.02	54.0	7.32	AV	346.00	100	Horizontal	Pass

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



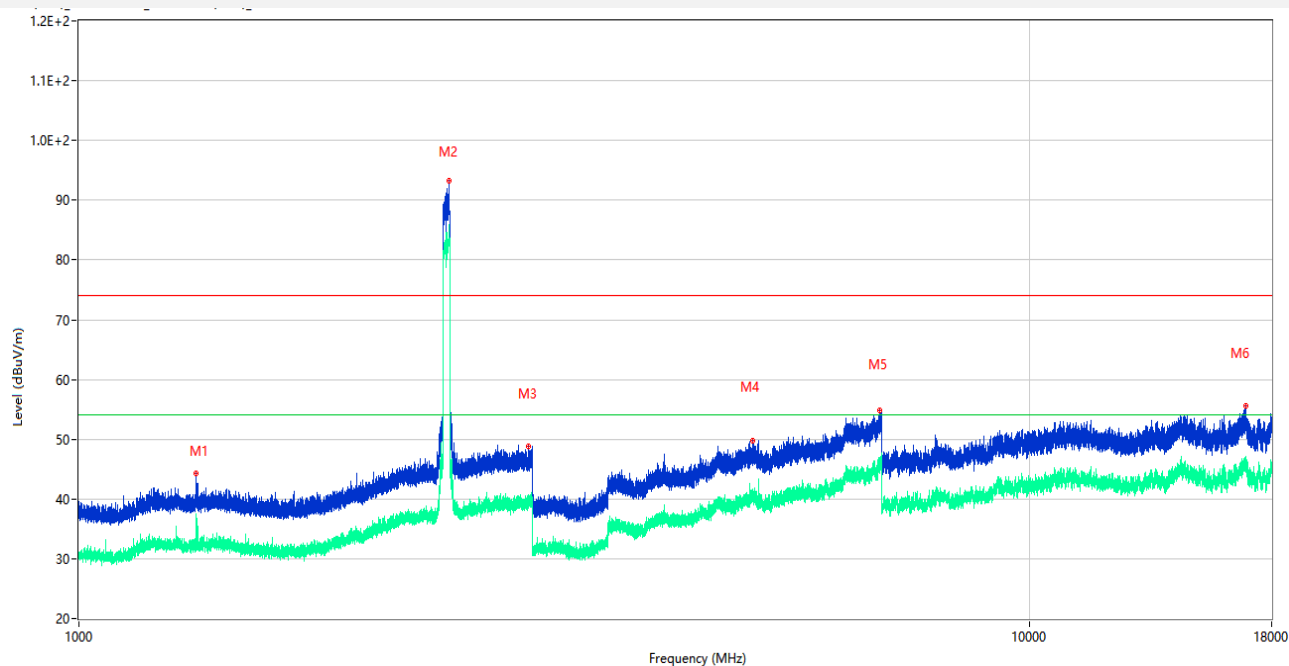
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	43.55	-17.68	74.0	30.45	Peak	141.00	100	Vertical	Pass
1**	1327.900	34.11	-17.68	54.0	19.89	AV	141.00	100	Vertical	Pass
2	2425.300	92.59	-14.14	74.0	-18.59	Peak	48.00	200	Vertical	N/A
2**	2425.300	83.96	-14.14	54.0	-29.96	AV	48.00	200	Vertical	N/A
3	2900.100	48.65	-11.37	74.0	25.35	Peak	360.00	150	Vertical	Pass
3**	2900.100	38.99	-11.37	54.0	15.01	AV	360.00	150	Vertical	Pass
4	5122.600	49.50	-6.02	74.0	24.50	Peak	360.00	150	Vertical	Pass
4**	5122.600	40.38	-6.02	54.0	13.62	AV	360.00	150	Vertical	Pass
5	6990.600	54.72	-1.22	74.0	19.28	Peak	157.00	400	Vertical	Pass
5**	6990.600	46.17	-1.22	54.0	7.83	AV	157.00	400	Vertical	Pass
6	16901.437	54.68	7.08	74.0	19.32	Peak	196.00	400	Vertical	Pass
6**	16901.437	46.18	7.08	54.0	7.82	AV	196.00	400	Vertical	Pass

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



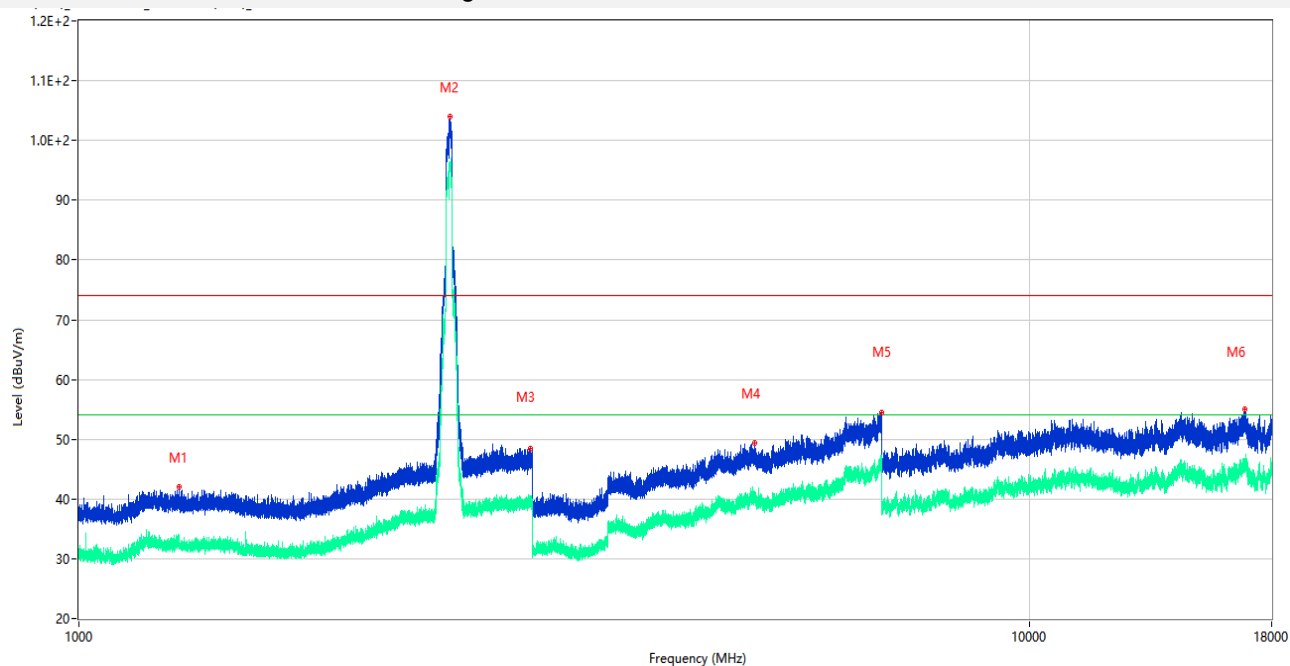
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	43.38	-17.50	74.0	30.62	Peak	69.00	200	Horizontal	Pass
1**	1328.400	34.71	-17.50	54.0	19.29	AV	69.00	200	Horizontal	Pass
2	2436.800	102.05	-8.26	74.0	-28.05	Peak	113.00	100	Horizontal	N/A
2**	2436.800	94.06	-8.26	54.0	-40.06	AV	113.00	100	Horizontal	N/A
3	2993.100	48.64	-11.14	74.0	25.36	Peak	126.00	100	Horizontal	Pass
3**	2993.100	39.10	-11.14	54.0	14.90	AV	126.00	100	Horizontal	Pass
4	5138.400	49.71	-6.20	74.0	24.29	Peak	343.00	150	Horizontal	Pass
4**	5138.400	40.30	-6.20	54.0	13.70	AV	343.00	150	Horizontal	Pass
5	6967.000	55.14	-1.16	74.0	18.86	Peak	281.00	200	Horizontal	Pass
5**	6967.000	45.71	-1.16	54.0	8.29	AV	281.00	200	Horizontal	Pass
6	16448.887	54.88	4.34	74.0	19.12	Peak	16.00	100	Horizontal	Pass
6**	16448.887	44.91	4.34	54.0	9.09	AV	16.00	100	Horizontal	Pass

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



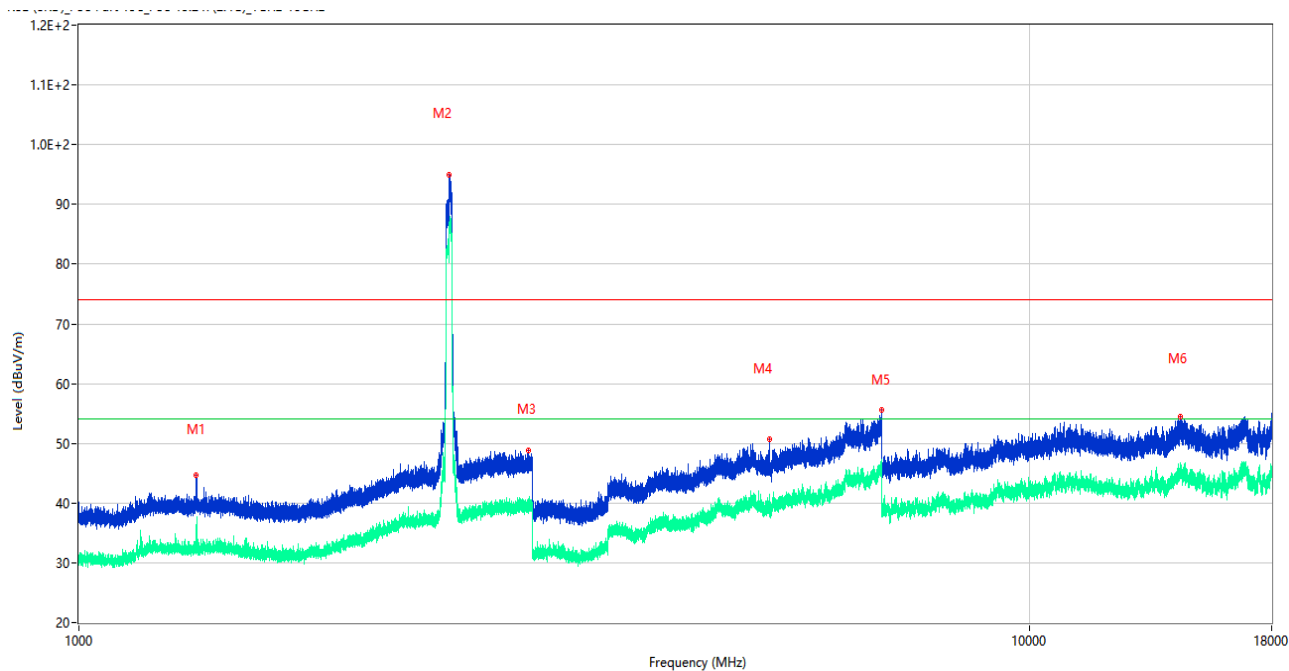
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	44.39	-17.56	74.0	29.61	Peak	124.00	200	Vertical	Pass
1**	1329.300	37.51	-17.56	54.0	16.49	AV	124.00	200	Vertical	Pass
2	2437.900	93.22	-8.10	74.0	-19.22	Peak	39.00	100	Vertical	N/A
2**	2437.900	85.00	-8.10	54.0	-31.00	AV	39.00	100	Vertical	N/A
3	2975.500	48.90	-10.74	74.0	25.10	Peak	134.00	150	Vertical	Pass
3**	2975.500	40.32	-10.74	54.0	13.68	AV	134.00	150	Vertical	Pass
4	5116.800	49.81	-6.27	74.0	24.19	Peak	360.00	150	Vertical	Pass
4**	5116.800	39.98	-6.27	54.0	14.02	AV	360.00	150	Vertical	Pass
5	6961.800	54.91	-1.45	74.0	19.09	Peak	73.00	100	Vertical	Pass
5**	6961.800	44.84	-1.45	54.0	9.16	AV	73.00	100	Vertical	Pass
6	16896.450	55.56	7.00	74.0	18.44	Peak	113.00	300	Vertical	Pass
6**	16896.450	45.68	7.00	54.0	8.32	AV	113.00	300	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	1273.500	41.97	-17.53	74.0	32.03	Peak	48.00	200	Horizontal	Pass
1**	1273.500	33.94	-17.53	54.0	20.06	AV	48.00	200	Horizontal	Pass
2	2456.600	103.92	-14.18	74.0	-29.92	Peak	88.00	200	Horizontal	N/A
2**	2456.600	95.59	-14.18	54.0	-41.59	AV	88.00	200	Horizontal	N/A
3	2988.300	48.48	-11.08	74.0	25.52	Peak	161.00	100	Horizontal	Pass
3**	2988.300	39.26	-11.08	54.0	14.74	AV	161.00	100	Horizontal	Pass
4	5142.400	49.44	-5.72	74.0	24.56	Peak	76.00	150	Horizontal	Pass
4**	5142.400	41.29	-5.72	54.0	12.71	AV	76.00	150	Horizontal	Pass
5	6992.000	54.46	-1.45	74.0	19.54	Peak	178.00	300	Horizontal	Pass
5**	6992.000	46.50	-1.45	54.0	7.50	AV	178.00	300	Horizontal	Pass
6	16850.512	54.99	6.54	74.0	19.01	Peak	86.00	200	Horizontal	Pass
6**	16850.512	45.77	6.54	54.0	8.23	AV	86.00	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	1327.100	44.71	-17.81	74.0	29.29	Peak	129.00	400	Vertical	Pass
1**	1327.100	32.54	-17.81	54.0	21.46	AV	129.00	400	Vertical	Pass
2	2454.400	95.04	-13.92	74.0	-21.04	Peak	48.00	200	Vertical	N/A
2**	2454.400	86.74	-13.92	54.0	-32.74	AV	48.00	200	Vertical	N/A
3	2973.800	48.84	-11.26	74.0	25.16	Peak	248.00	150	Vertical	Pass
3**	2973.800	40.47	-11.26	54.0	13.53	AV	248.00	150	Vertical	Pass
4	5328.400	50.64	-7.09	74.0	23.36	Peak	158.00	150	Vertical	Pass
4**	5328.400	41.42	-7.09	54.0	12.58	AV	158.00	150	Vertical	Pass
5	6990.000	55.62	-1.23	74.0	18.38	Peak	220.00	400	Vertical	Pass
5**	6990.000	45.86	-1.23	54.0	8.14	AV	220.00	400	Vertical	Pass
6	14438.925	54.49	4.61	74.0	19.51	Peak	346.00	100	Vertical	Pass
6**	14438.925	44.99	4.61	54.0	9.01	AV	346.00	100	Vertical	Pass

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

Note¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

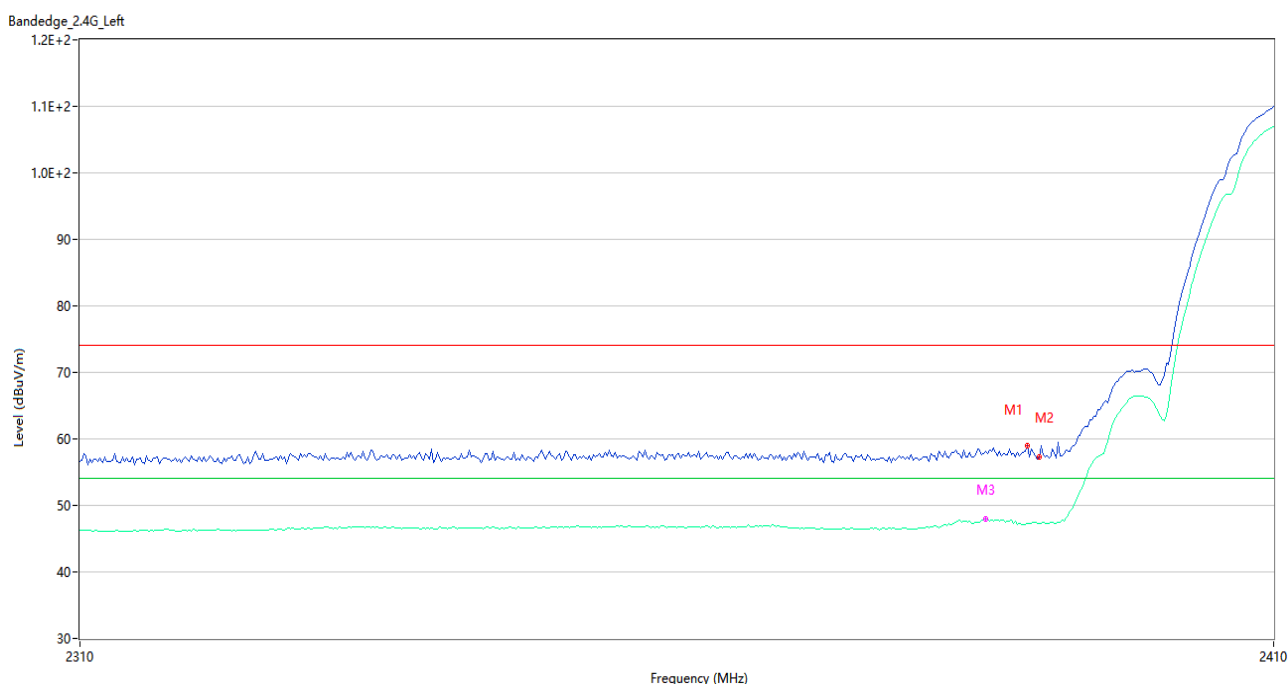
Note²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note³: According the ANSI C63.10-2020, 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.

Note⁶: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

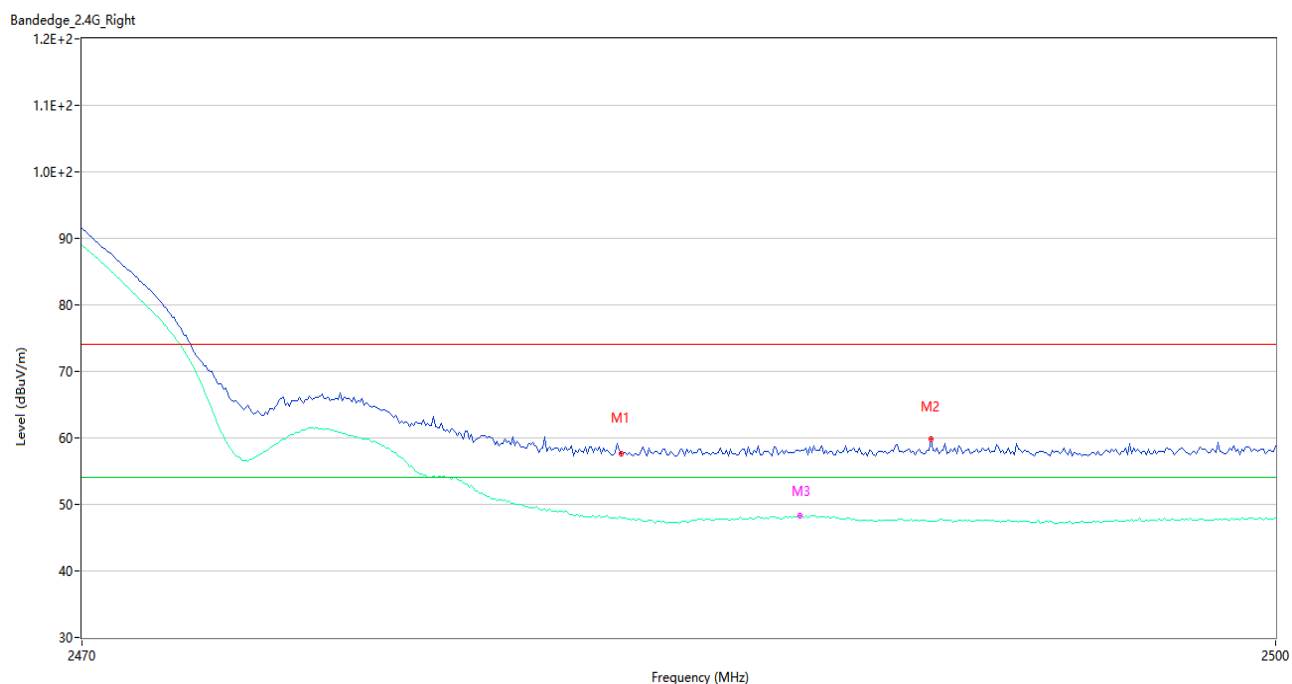
Test Data

802.11b LOW CHANNEL



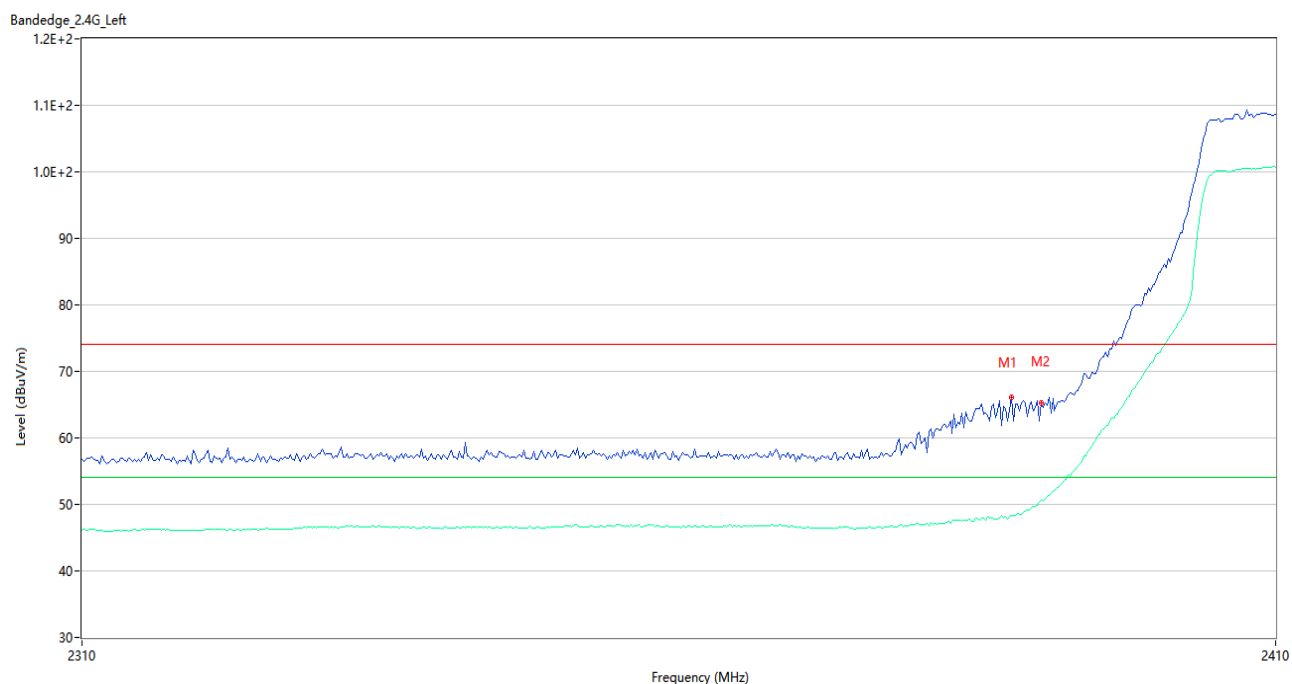
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.000	59.01	2.58	74.0	14.99	Peak	148.00	100	Horizontal	Pass
1**	2389.000	47.29	2.58	54.0	6.71	AV	148.00	100	Horizontal	Pass
2	2390.000	57.30	2.59	74.0	16.70	Peak	99.00	200	Horizontal	Pass
2**	2390.000	47.30	2.59	54.0	6.70	AV	99.00	200	Horizontal	Pass
3	2385.500	58.20	2.65	74.0	15.80	Peak	96.00	150	Horizontal	Pass
3**	2385.500	47.90	2.65	54.0	6.10	AV	96.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



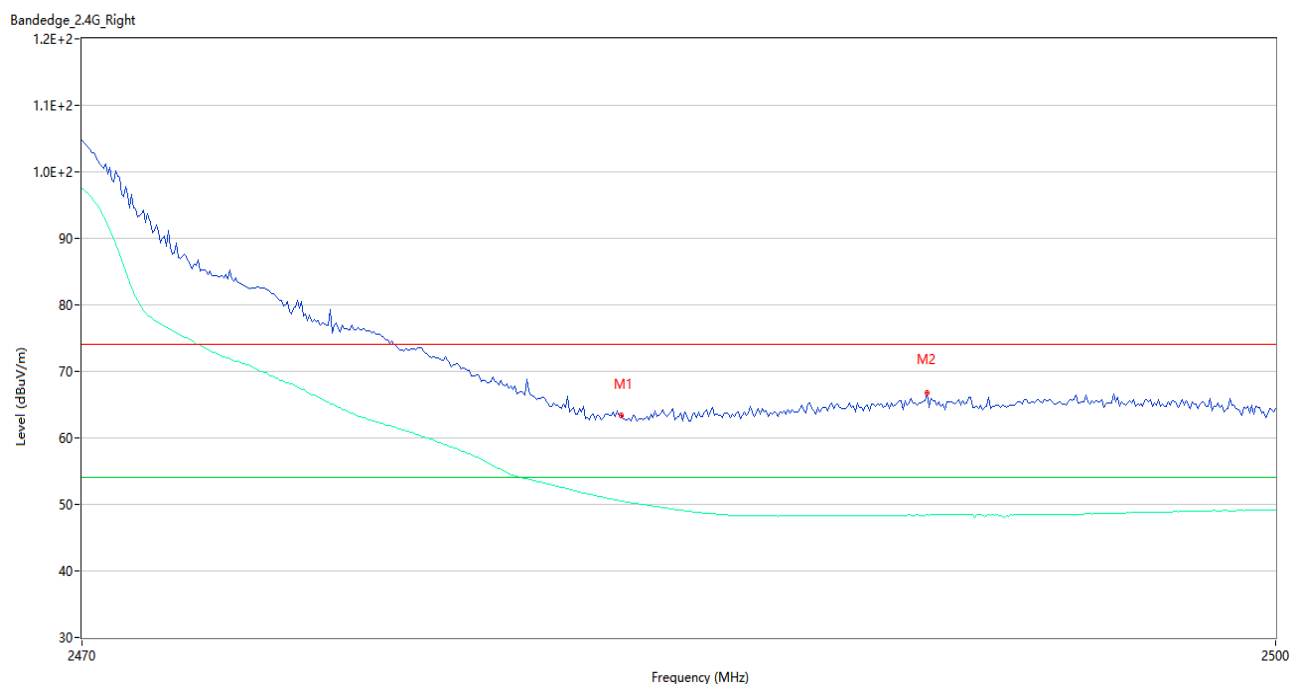
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.59	3.22	74.0	16.41	Peak	191.00	400	Horizontal	Pass
1**	2483.500	48.04	3.22	54.0	5.96	AV	191.00	400	Horizontal	Pass
2	2491.300	59.77	3.15	74.0	14.23	Peak	152.00	100	Horizontal	Pass
2**	2491.300	47.46	3.15	54.0	6.54	AV	152.00	100	Horizontal	Pass
3	2488.000	57.97	3.05	74.0	16.03	Peak	132.00	150	Horizontal	Pass
3**	2488.000	48.34	3.05	54.0	5.66	AV	132.00	150	Horizontal	Pass

802.11g LOW CHANNEL



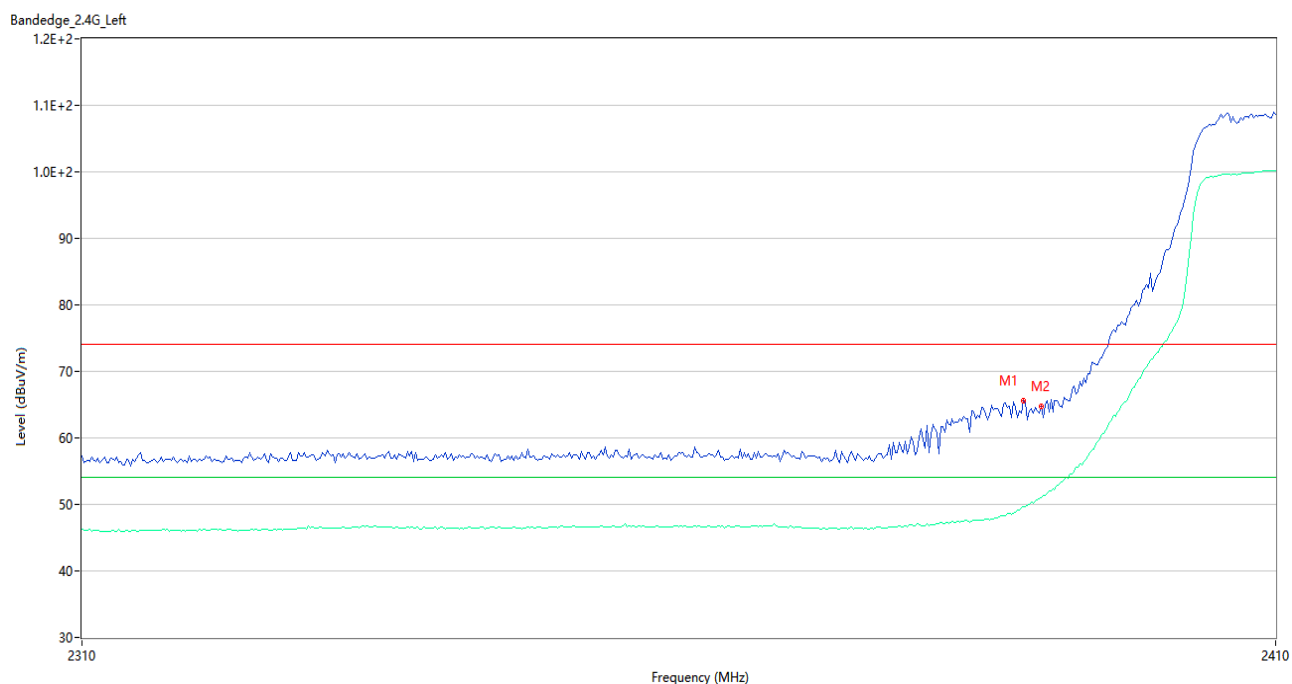
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.500	66.04	2.63	74.0	7.96	Peak	140.00	300	Horizontal	Pass
1**	2387.500	48.24	2.63	54.0	5.76	AV	140.00	300	Horizontal	Pass
2	2390.000	65.18	2.59	74.0	8.82	Peak	137.00	200	Horizontal	Pass
2**	2390.000	50.60	2.59	54.0	3.40	AV	137.00	200	Horizontal	Pass

802.11g HIGH CHANNEL



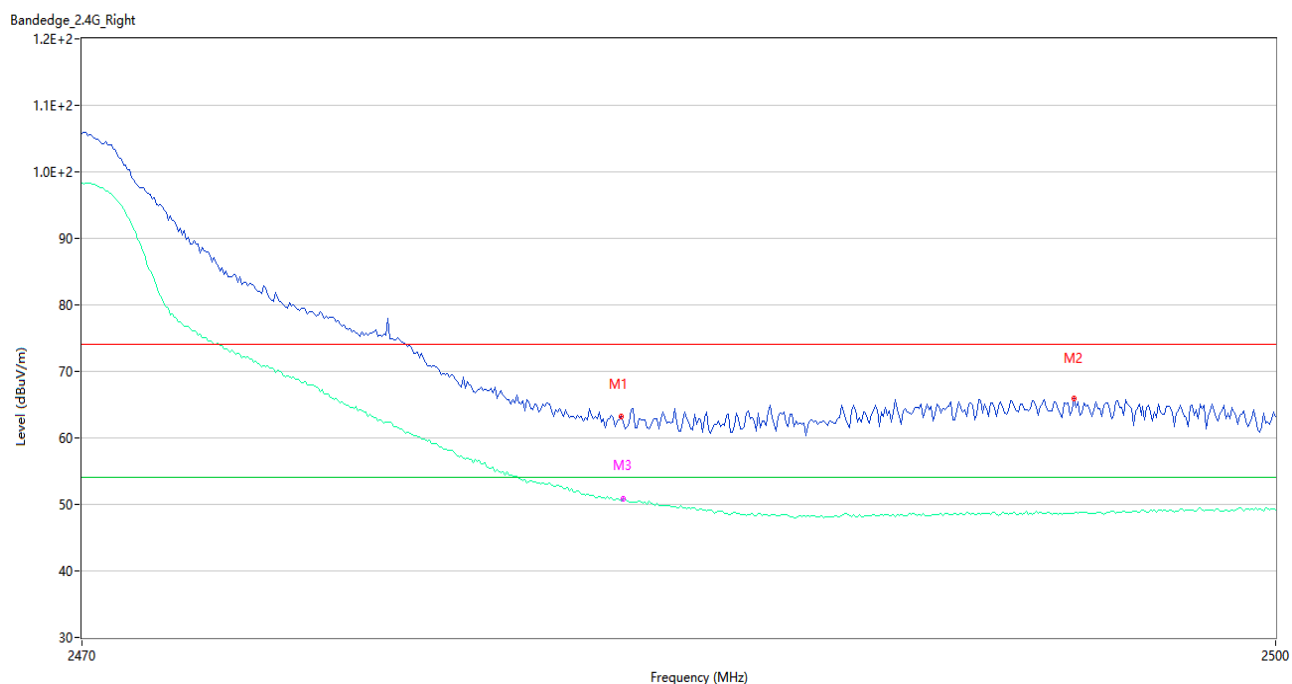
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.47	3.22	74.0	10.53	Peak	125.00	100	Horizontal	Pass
1**	2483.500	50.52	3.22	54.0	3.48	AV	125.00	100	Horizontal	Pass
2	2491.200	66.77	3.15	74.0	7.23	Peak	125.00	100	Horizontal	Pass
2**	2491.200	48.40	3.15	54.0	5.60	AV	125.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL



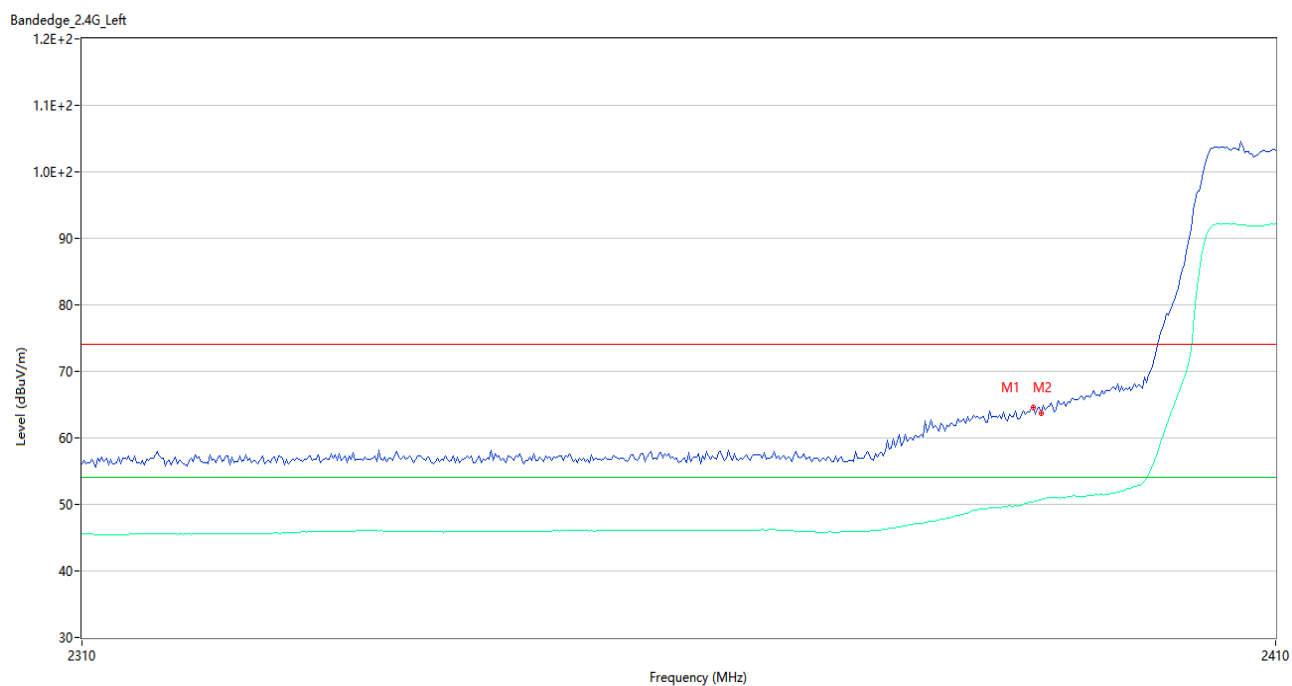
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.500	65.55	2.58	74.0	8.45	Peak	142.00	300	Horizontal	Pass
1**	2388.500	49.62	2.58	54.0	4.38	AV	142.00	300	Horizontal	Pass
2	2390.000	64.69	2.59	74.0	9.31	Peak	145.00	100	Horizontal	Pass
2**	2390.000	50.97	2.59	54.0	3.03	AV	145.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL



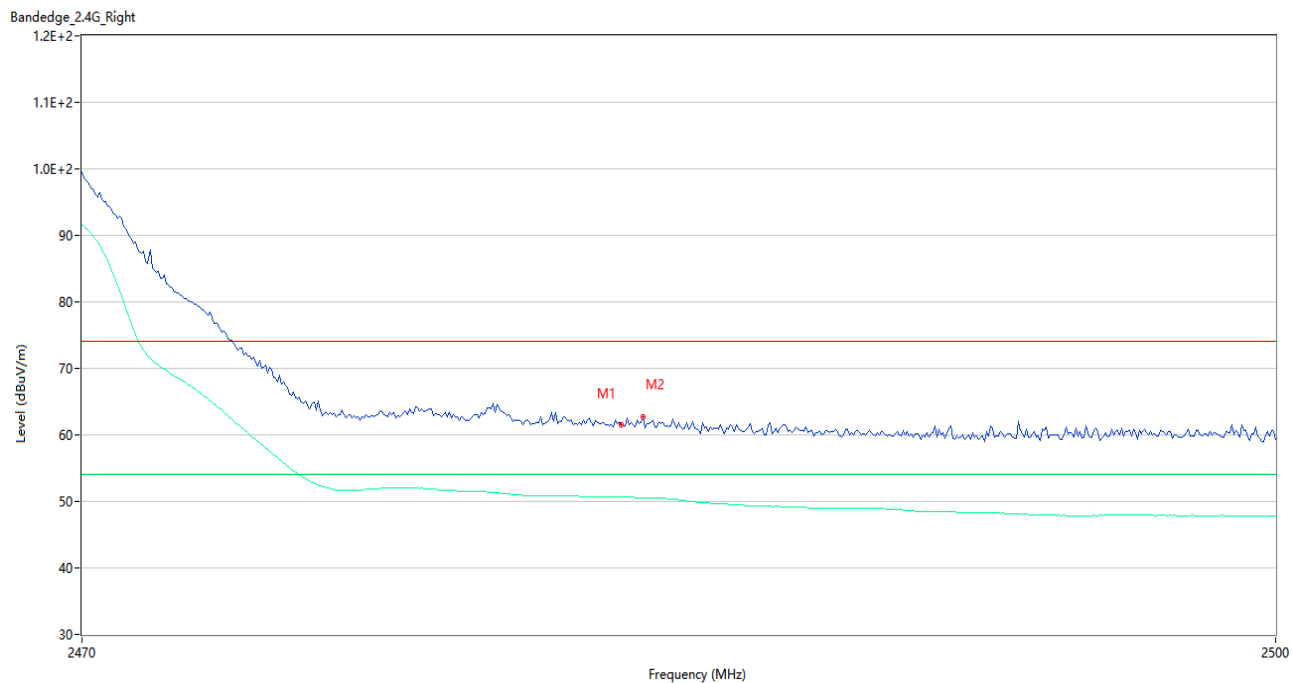
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.20	3.22	74.0	10.80	Peak	127.00	200	Horizontal	Pass
1**	2483.500	50.58	3.22	54.0	3.42	AV	127.00	200	Horizontal	Pass
2	2494.900	65.95	3.05	74.0	8.05	Peak	148.00	150	Horizontal	Pass
2**	2494.900	48.65	3.05	54.0	5.35	AV	148.00	150	Horizontal	Pass
3	2483.550	62.31	3.22	74.0	11.69	Peak	143.00	150	Horizontal	Pass
3**	2483.550	50.92	3.22	54.0	3.08	AV	143.00	150	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	2389.333	64.59	2.58	74.0	9.41	Peak	147.00	300	Horizontal	Pass
1**	2389.333	50.39	2.58	54.0	3.61	AV	147.00	300	Horizontal	Pass
2	2390.000	63.69	2.59	74.0	10.31	Peak	147.00	300	Horizontal	Pass
2**	2390.000	50.68	2.59	54.0	3.32	AV	147.00	300	Horizontal	Pass

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	2483.500	61.48	3.22	74.0	12.52	Peak	131.00	100	Horizontal	Pass
1**	2483.500	50.66	3.22	54.0	3.34	AV	131.00	100	Horizontal	Pass
2	2484.050	62.69	3.22	74.0	11.31	Peak	131.00	100	Horizontal	Pass
2**	2484.050	50.53	3.22	54.0	3.47	AV	131.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.794	8
Middle	-7.712	8
High	-6.194	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.244	8
Middle	-13.147	8
High	-10.615	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.648	8
Middle	-13.732	8
High	-12.772	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.198	8
Middle	-16.474	8
High	-15.045	8

Test Plots

802.11b LOW CHANNEL



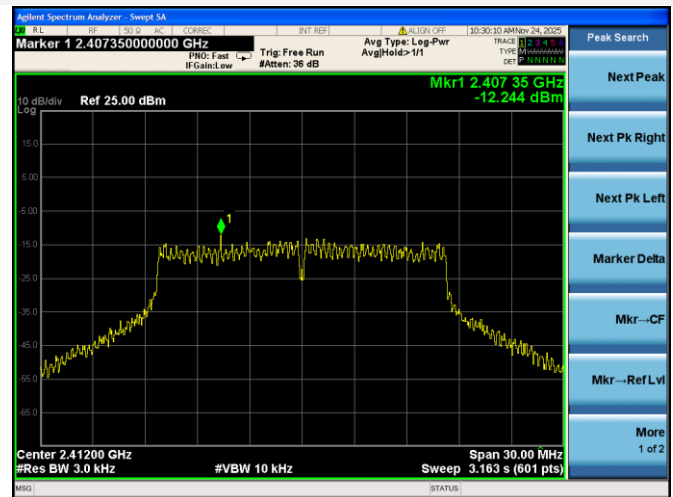
802.11b MIDDLE CHANNEL



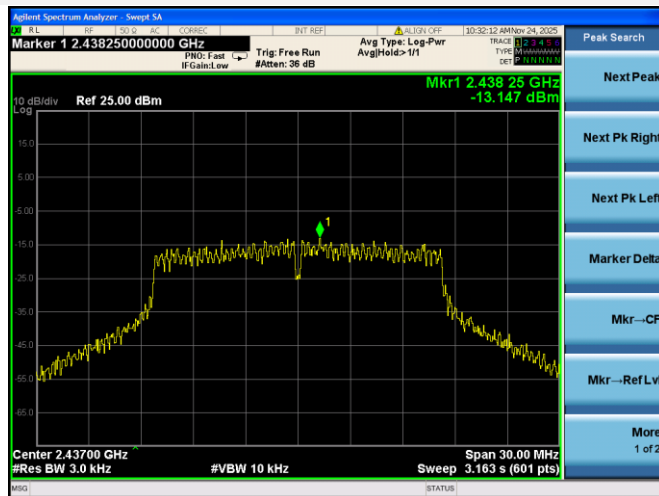
802.11b HIGH CHANNEL



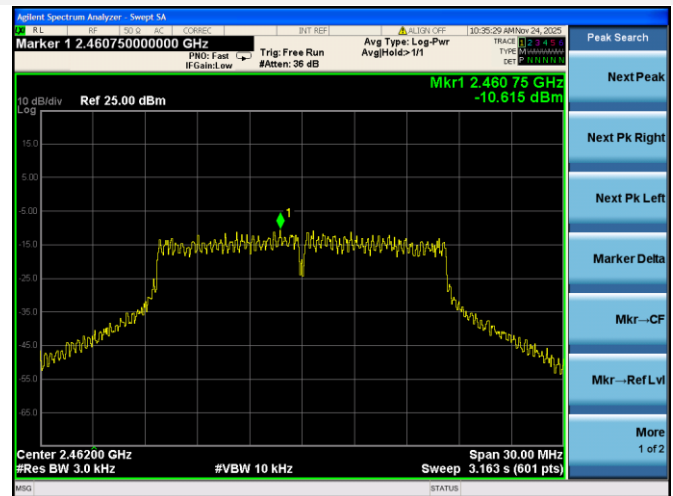
802.11g LOW CHANNEL



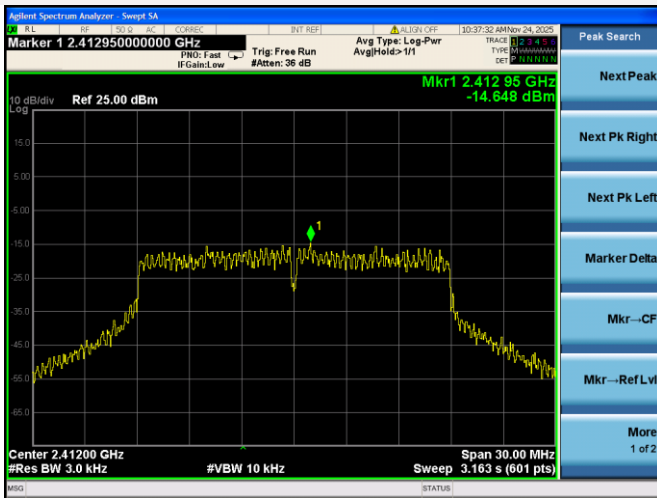
802.11g MIDDLE CHANNEL



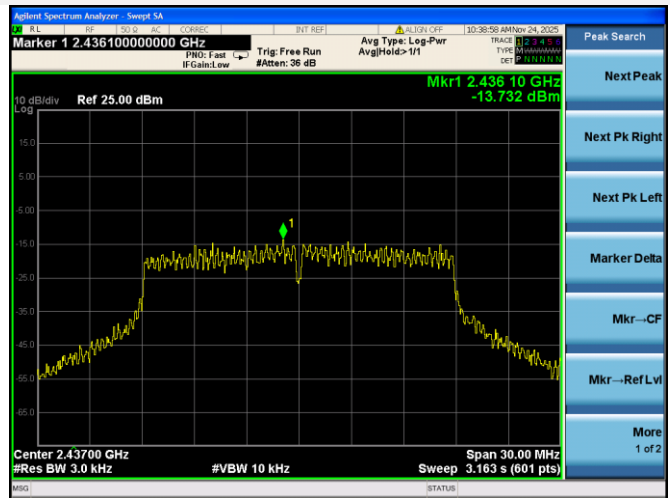
802.11g HIGH CHANNEL



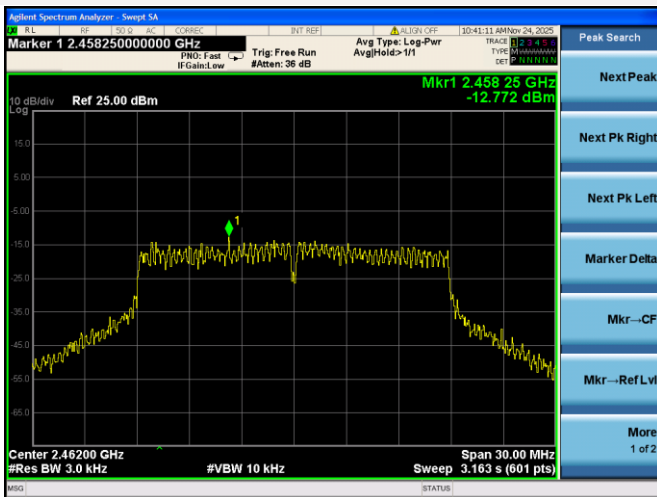
802.11n-20 MHz LOW CHANNEL



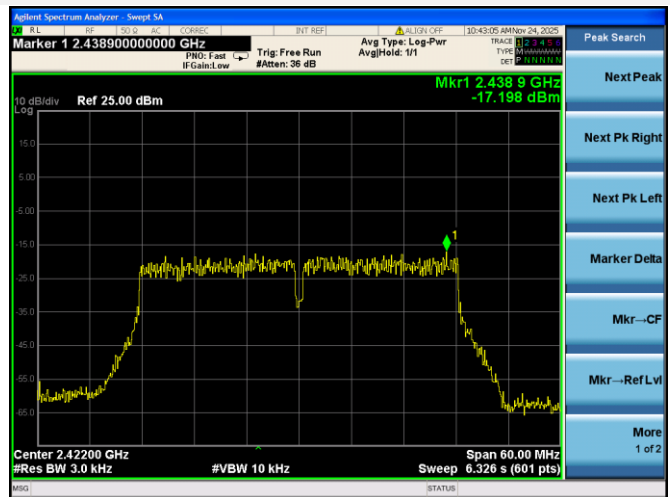
802.11n-20 MHz MIDDLE CHANNEL



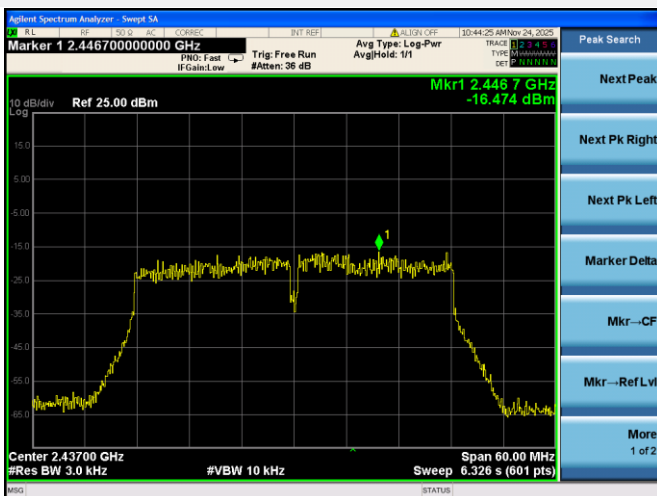
802.11n-20 MHz HIGH CHANNEL



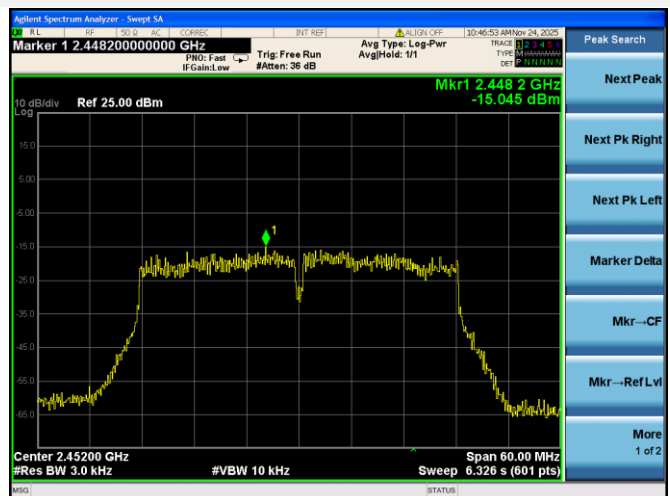
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25B0730-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25B0730-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25B0730-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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