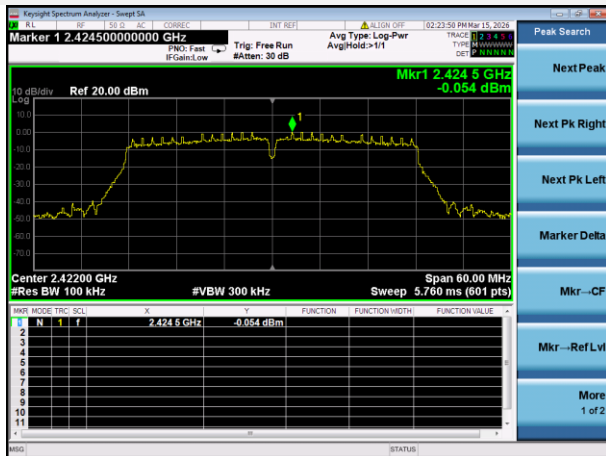
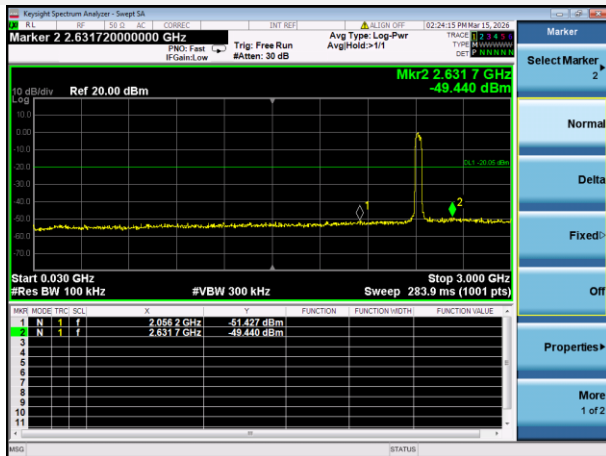
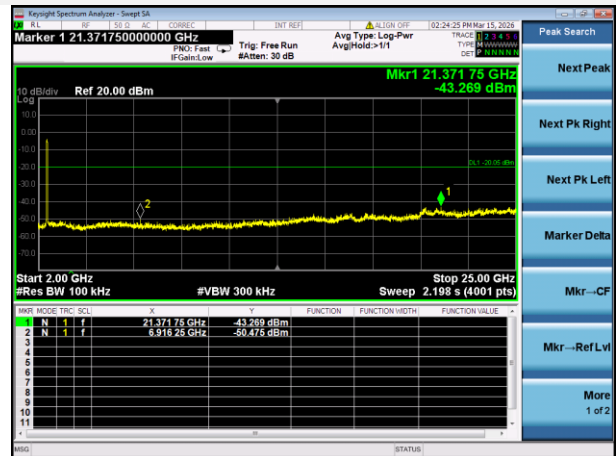
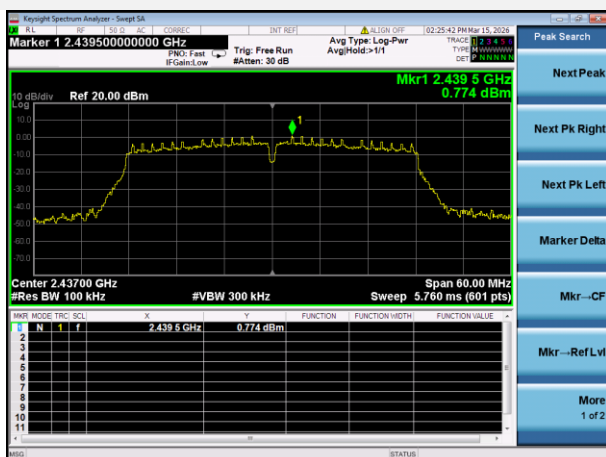


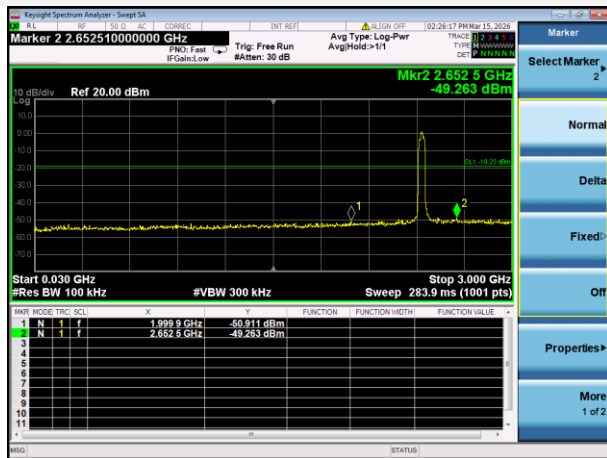
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

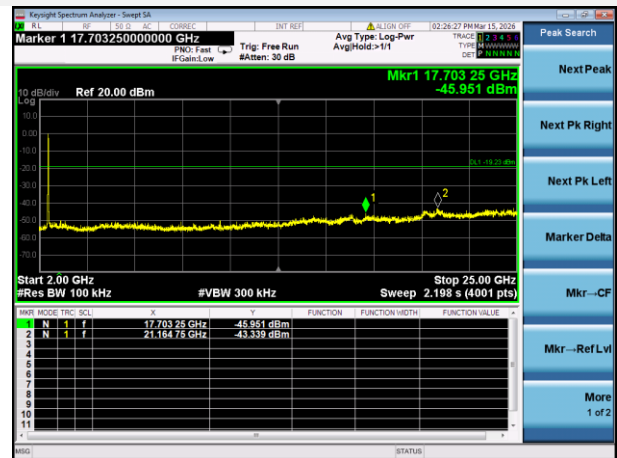
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



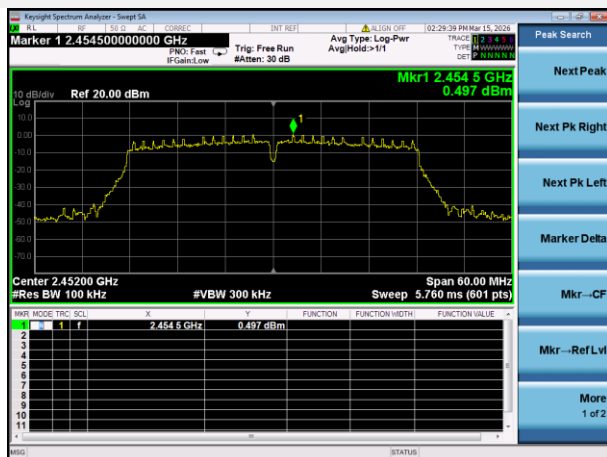
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



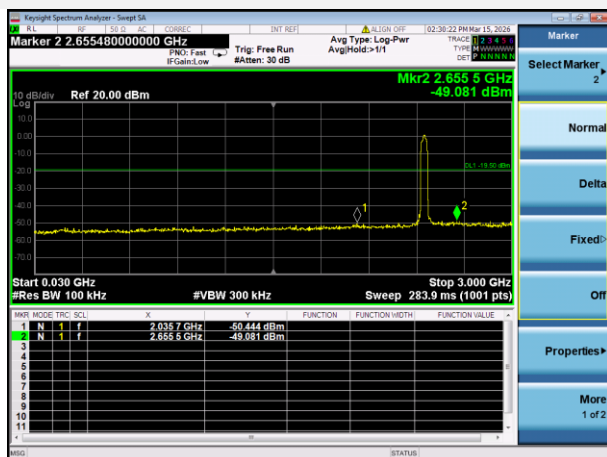
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



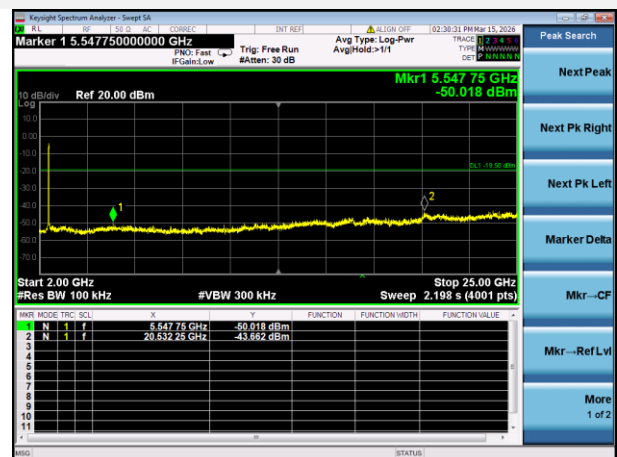
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.93	5.08	-14.92	Pass
High Channel	-47.94	7.37	-12.63	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.06	4.32	-15.68	Pass
High Channel	-47.34	4.21	-15.79	Pass

802.11n-20 MHz Mode:

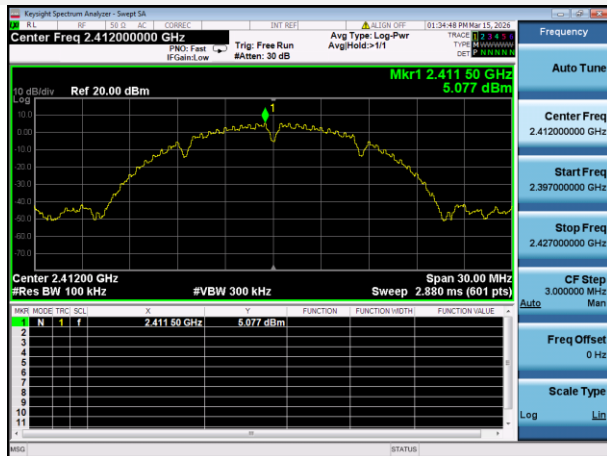
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.60	4.29	-15.71	Pass
High Channel	-47.51	4.40	-15.60	Pass

802.11n-40 MHz Mode:

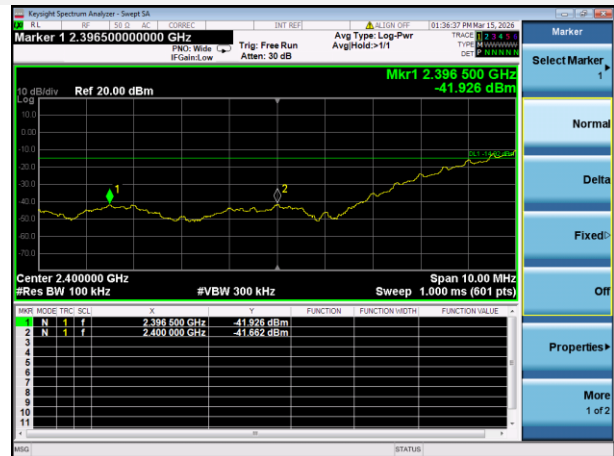
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.90	-0.05	-20.05	Pass
High Channel	-44.47	0.50	-19.50	Pass

Test Plots

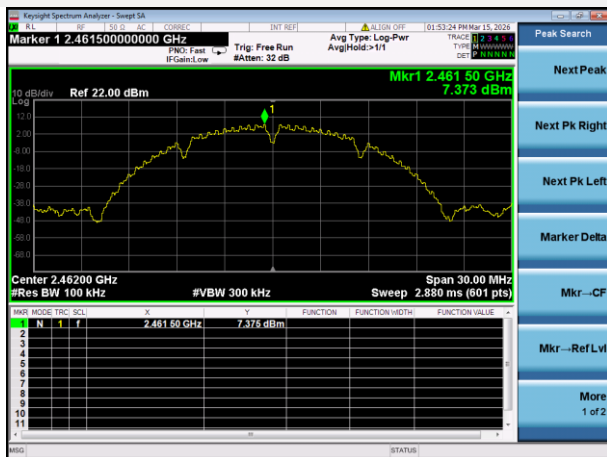
802.11b LOW CHANNEL, CARRIER LEVEL



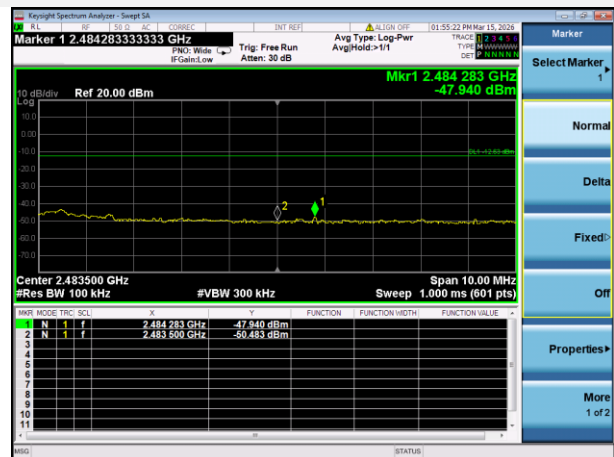
802.11b LOW CHANNEL, BAND EDGE



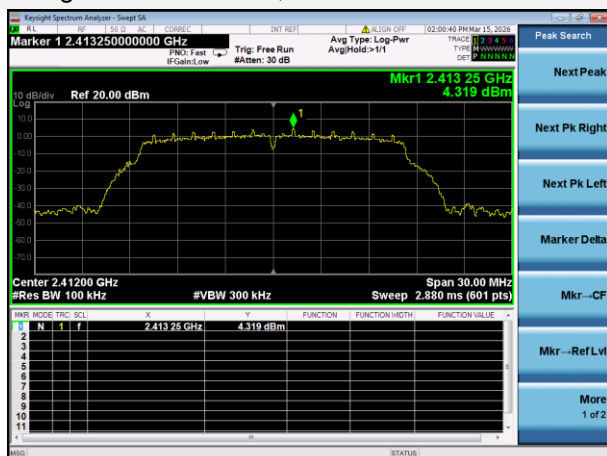
802.11b HIGH CHANNEL, CARRIER LEVEL



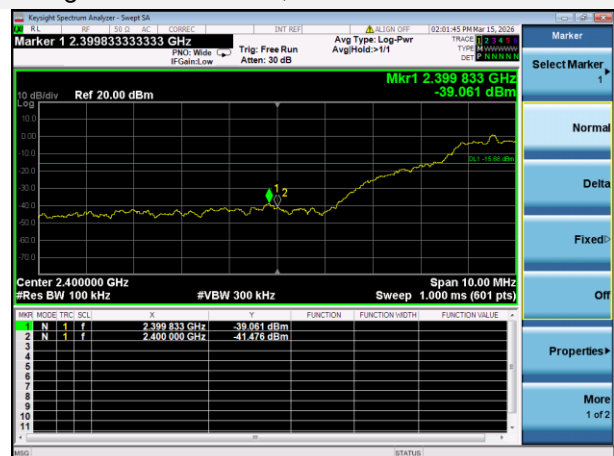
802.11b HIGH CHANNEL, BAND EDGE



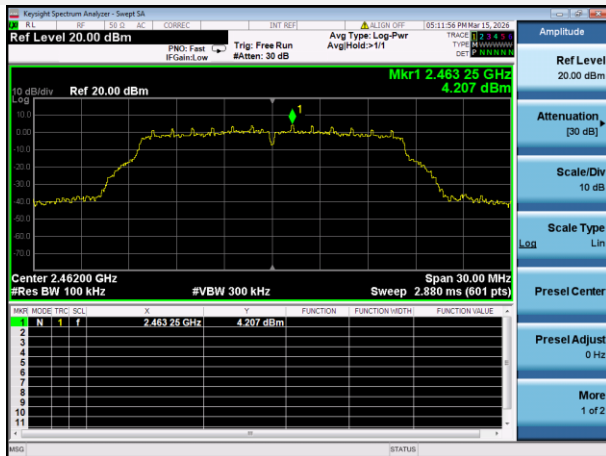
802.11g LOW CHANNEL, CARRIER LEVEL



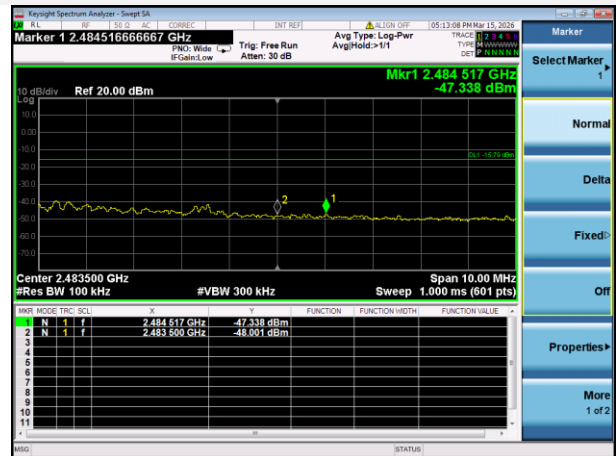
802.11g LOW CHANNEL, BAND EDGE



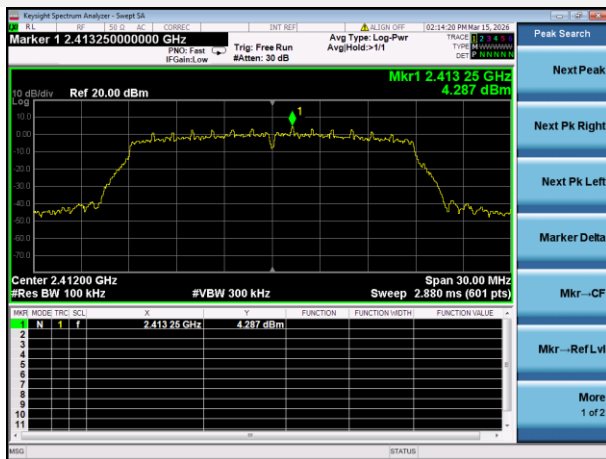
802.11g HIGH CHANNEL, CARRIER LEVEL



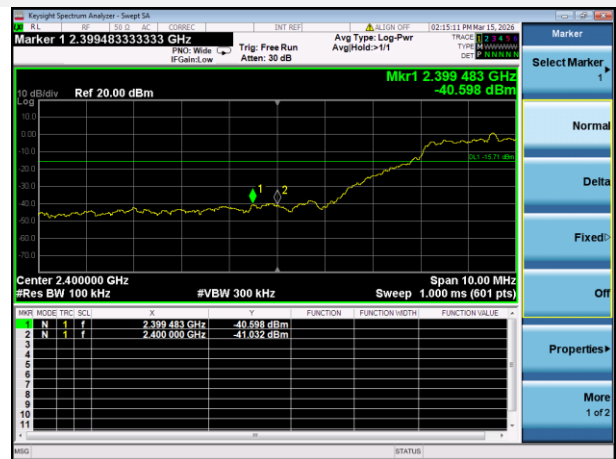
802.11g HIGH CHANNEL, BAND EDGE



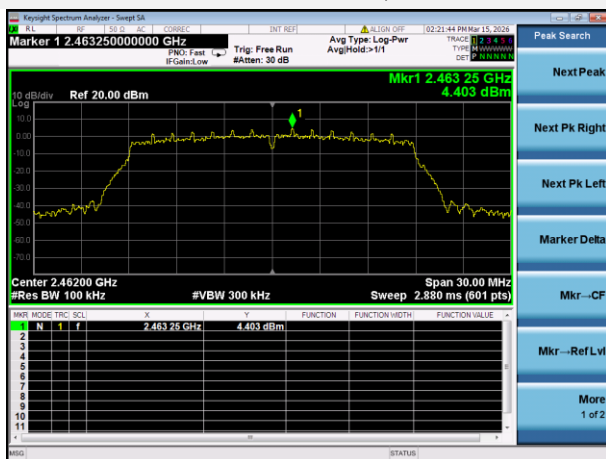
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



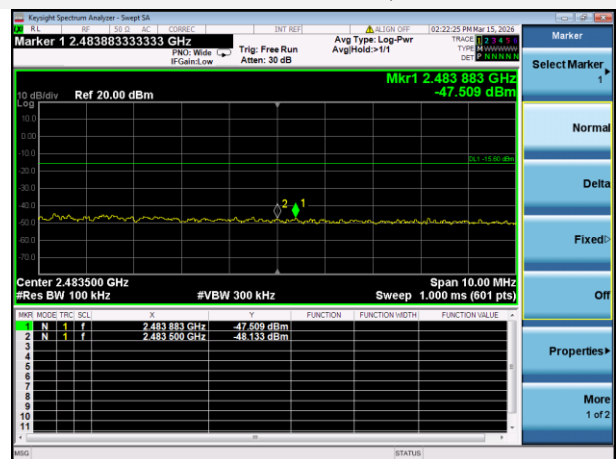
802.11n-20 MHz LOW CHANNEL, BAND EDGE



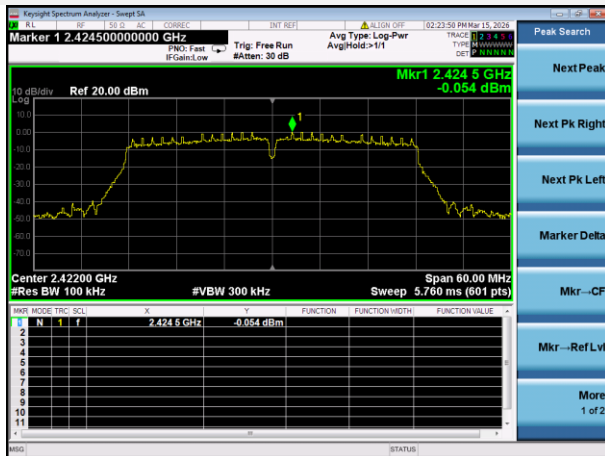
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



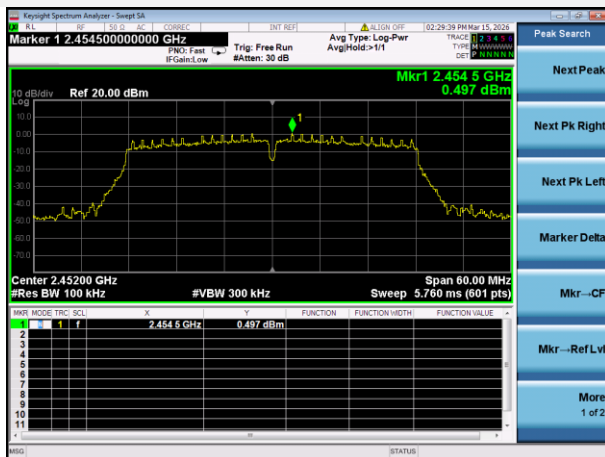
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



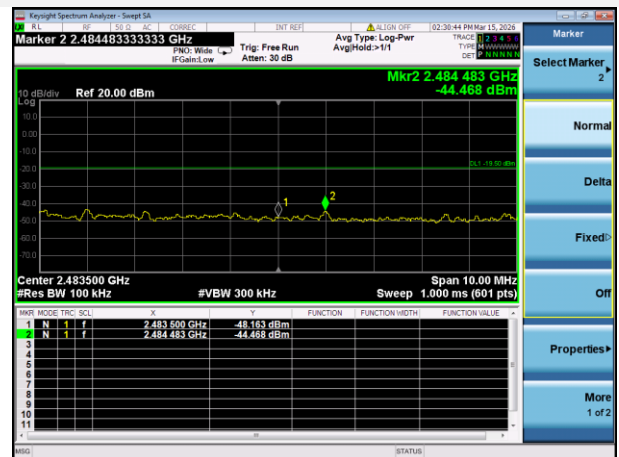
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

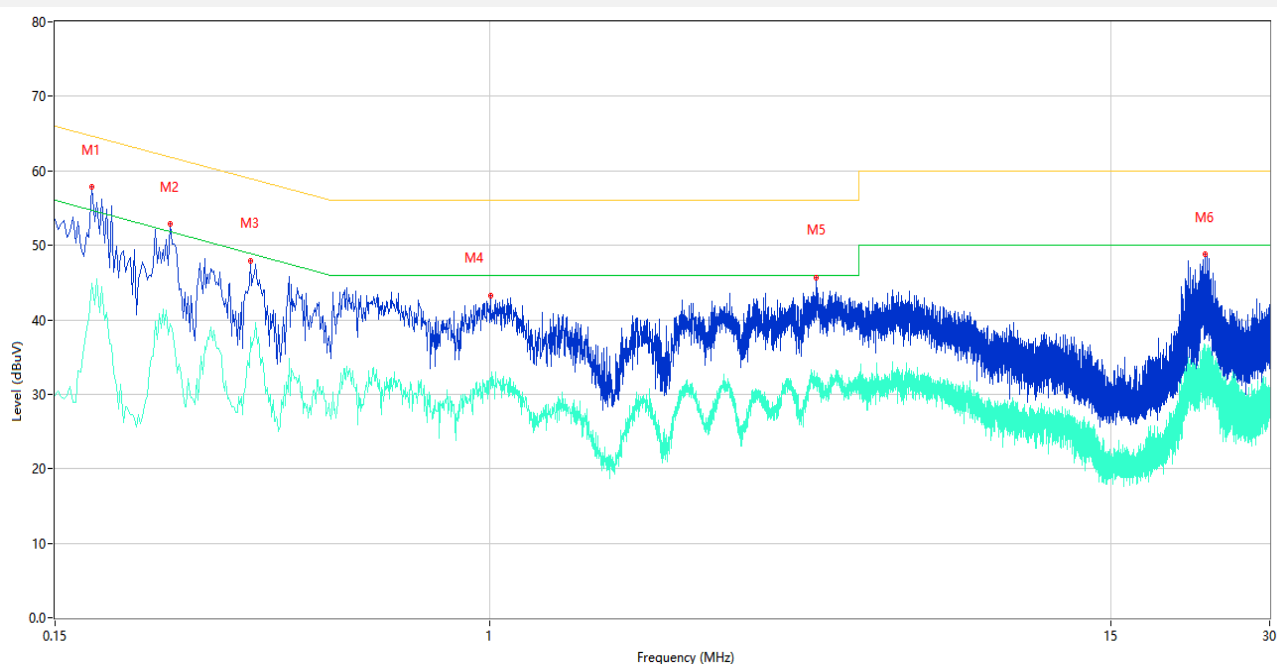
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

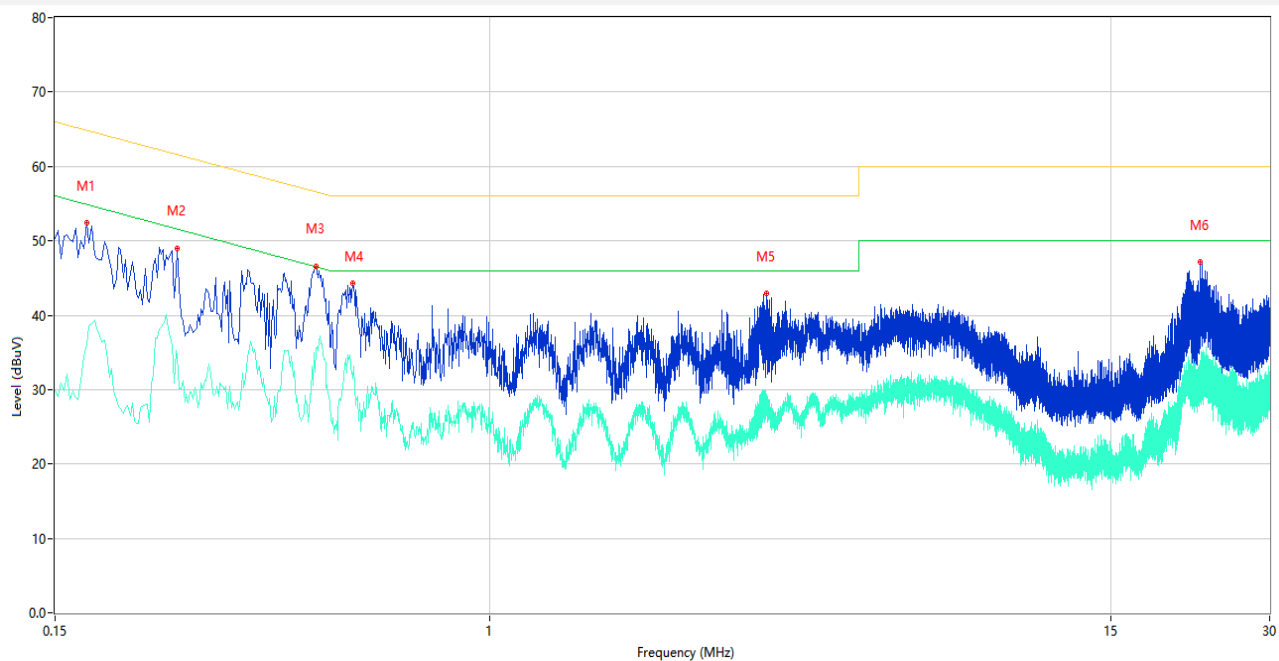
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.176	57.81	10.29	64.67	6.86	Peak	L	Pass
1**	0.176	44.83	10.29	54.67	9.84	AV	L	Pass
2	0.248	52.83	10.26	61.82	8.99	Peak	L	Pass
2**	0.248	39.50	10.26	51.82	12.32	AV	L	Pass
3	0.352	47.98	10.26	58.92	10.94	Peak	L	Pass
3**	0.352	37.71	10.26	48.92	11.21	AV	L	Pass
4	1.002	43.25	10.32	56.00	12.75	Peak	L	Pass
4**	1.002	32.26	10.32	46.00	13.74	AV	L	Pass
5	4.146	45.60	10.73	56.00	10.40	Peak	L	Pass
5**	4.146	31.32	10.73	46.00	14.68	AV	L	Pass
6	22.622	48.88	14.95	60.00	11.12	Peak	L	Pass
6**	22.622	36.66	14.95	50.00	13.34	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	52.39	10.20	64.86	12.47	Peak	N	Pass
1**	0.172	35.94	10.20	54.86	18.92	AV	N	Pass
2	0.256	49.01	10.18	61.56	12.55	Peak	N	Pass
2**	0.256	34.50	10.18	51.56	17.06	AV	N	Pass
3	0.468	46.60	10.19	56.55	9.95	Peak	N	Pass
3**	0.468	35.36	10.19	46.55	11.19	AV	N	Pass
4	0.550	44.33	10.20	56.00	11.67	Peak	N	Pass
4**	0.550	31.56	10.20	46.00	14.44	AV	N	Pass
5	3.336	42.90	10.51	56.00	13.10	Peak	N	Pass
5**	3.336	29.37	10.51	46.00	16.63	AV	N	Pass
6	22.160	47.10	14.90	60.00	12.90	Peak	N	Pass
6**	22.160	33.77	14.90	50.00	16.23	AV	N	Pass

A.6 Radiated Emission

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

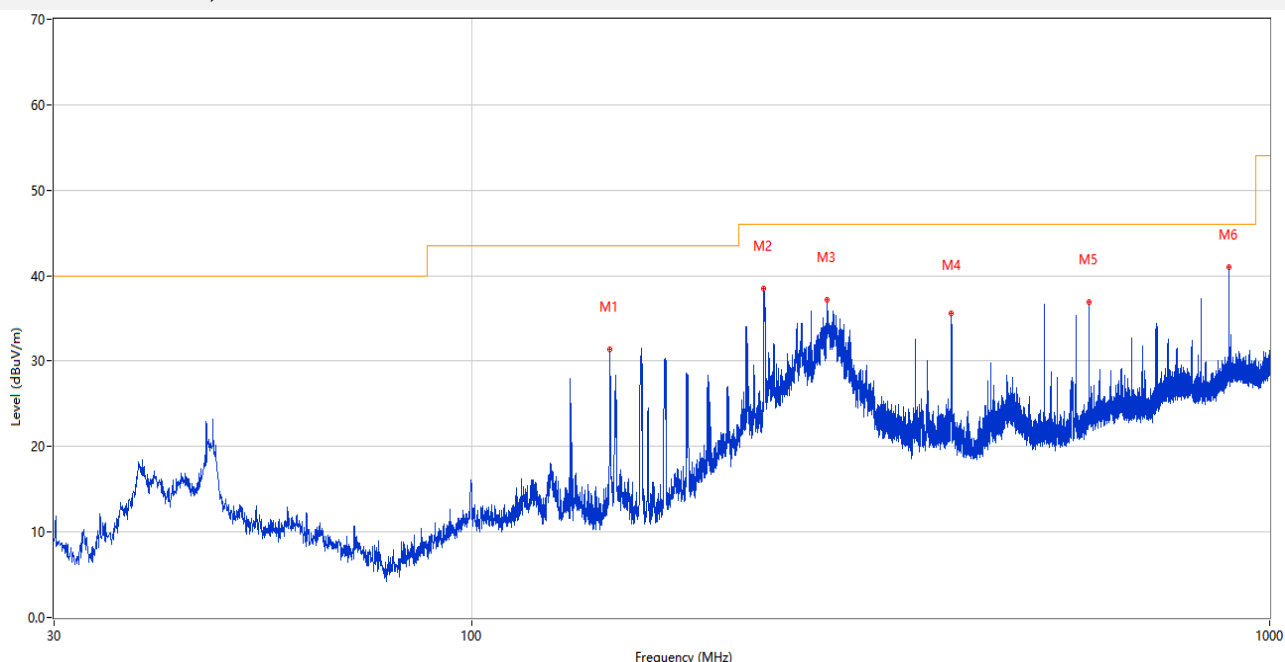
Note²: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

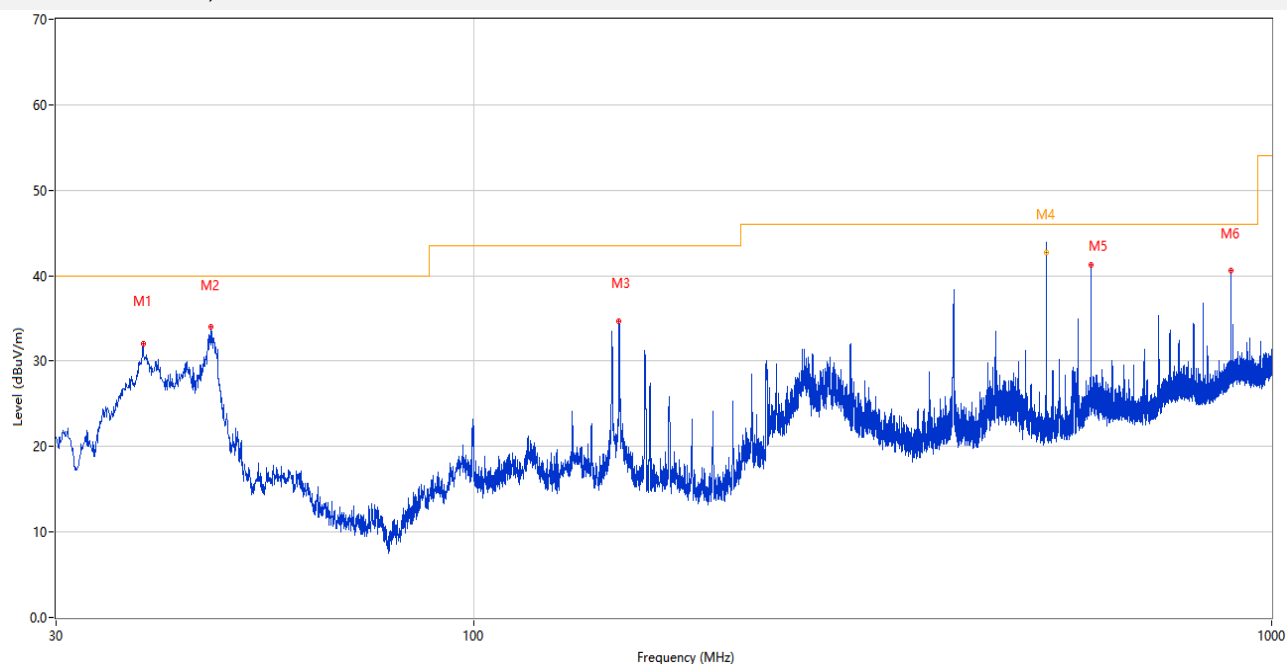
Test Data and Plots

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	149.165	31.33	-29.83	43.5	12.17	Peak	128.00	200	Horizontal	Pass
2	232.584	38.47	-25.09	46.0	7.53	Peak	238.00	100	Horizontal	Pass
3	279.096	37.14	-23.80	46.0	8.86	Peak	66.00	100	Horizontal	Pass
4	398.649	35.59	-20.70	46.0	10.41	Peak	195.00	100	Horizontal	Pass
5	593.425	36.90	-15.47	46.0	9.10	Peak	286.00	100	Horizontal	Pass
6	890.148	41.04	-9.13	46.0	4.96	Peak	293.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



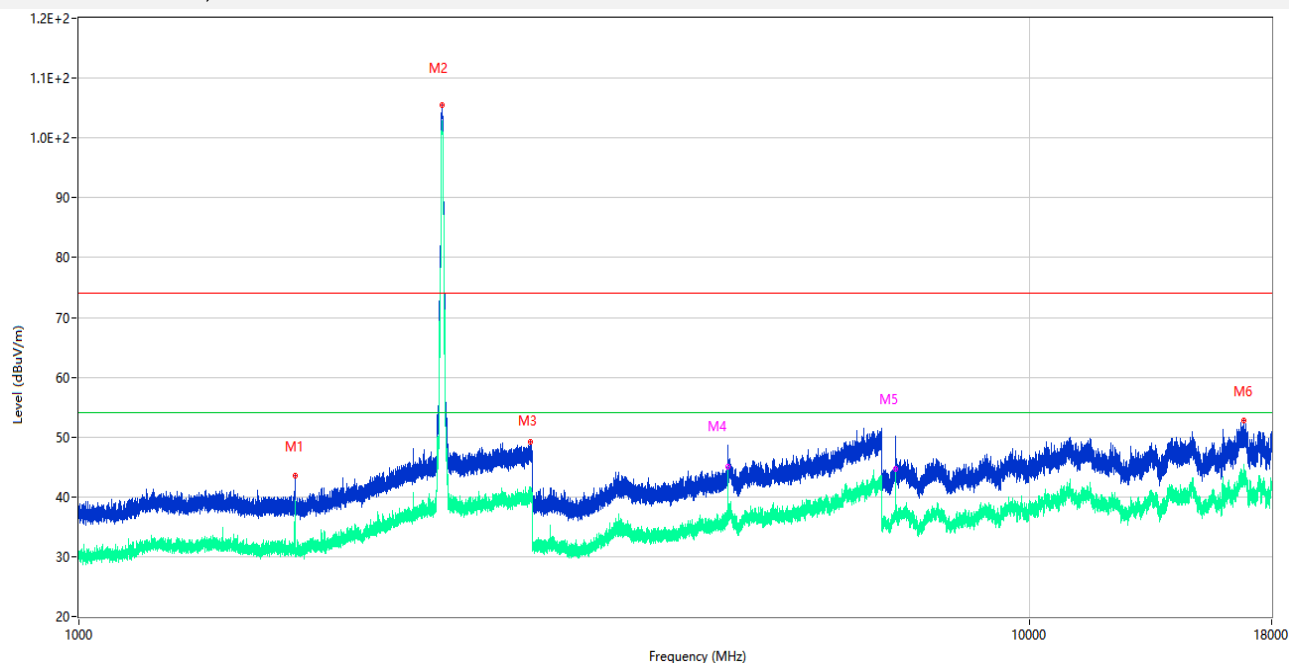
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.584	32.06	-26.29	40.0	7.94	Peak	230.00	100	Vertical	Pass
2	46.926	33.95	-26.23	40.0	6.05	Peak	58.00	100	Vertical	Pass
3	152.268	34.62	-29.96	43.5	8.88	Peak	285.00	100	Vertical	Pass
4	522.016	44.52	-17.93	46.0	1.48	Peak	161.00	101	Vertical	N/A
4*	522.016	42.75	-17.93	46.0	3.25	QP	161.00	101	Vertical	Pass
5	593.425	41.29	-15.47	46.0	4.71	Peak	330.00	200	Vertical	Pass
6	890.099	40.59	-9.13	46.0	5.41	Peak	72.00	200	Vertical	Pass

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

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

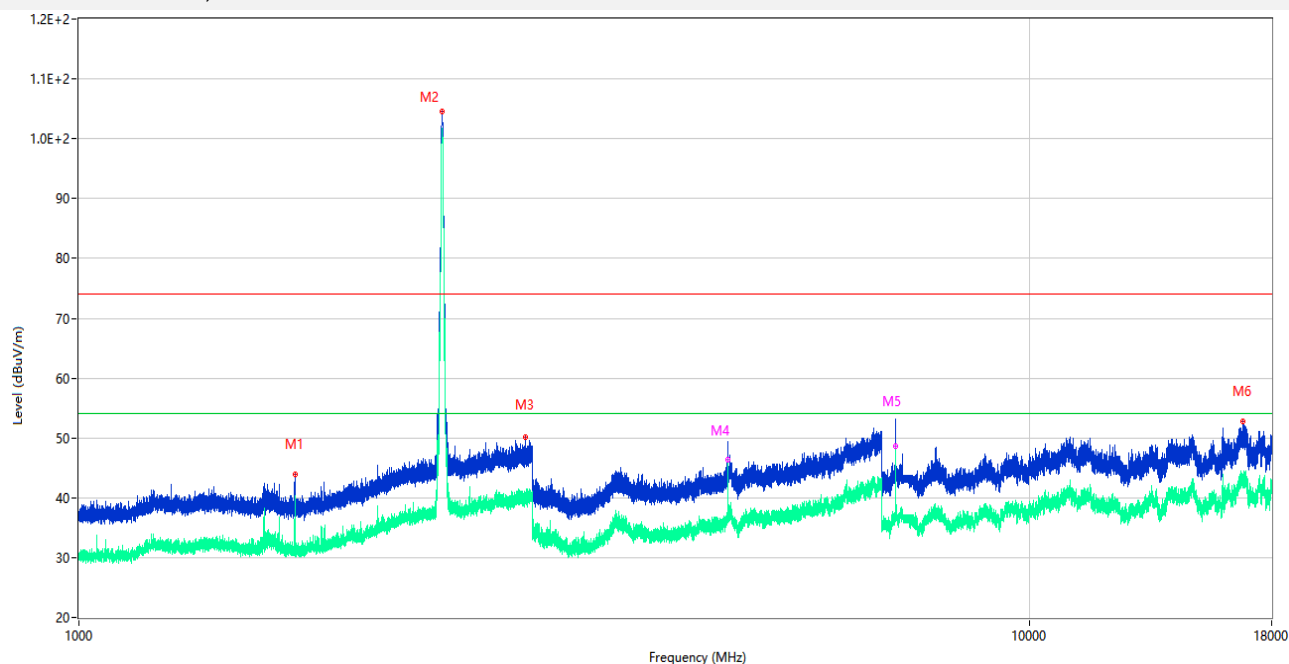
Note ⁴: All antenna were pre tested, but only the worst case has been reported in this report.

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



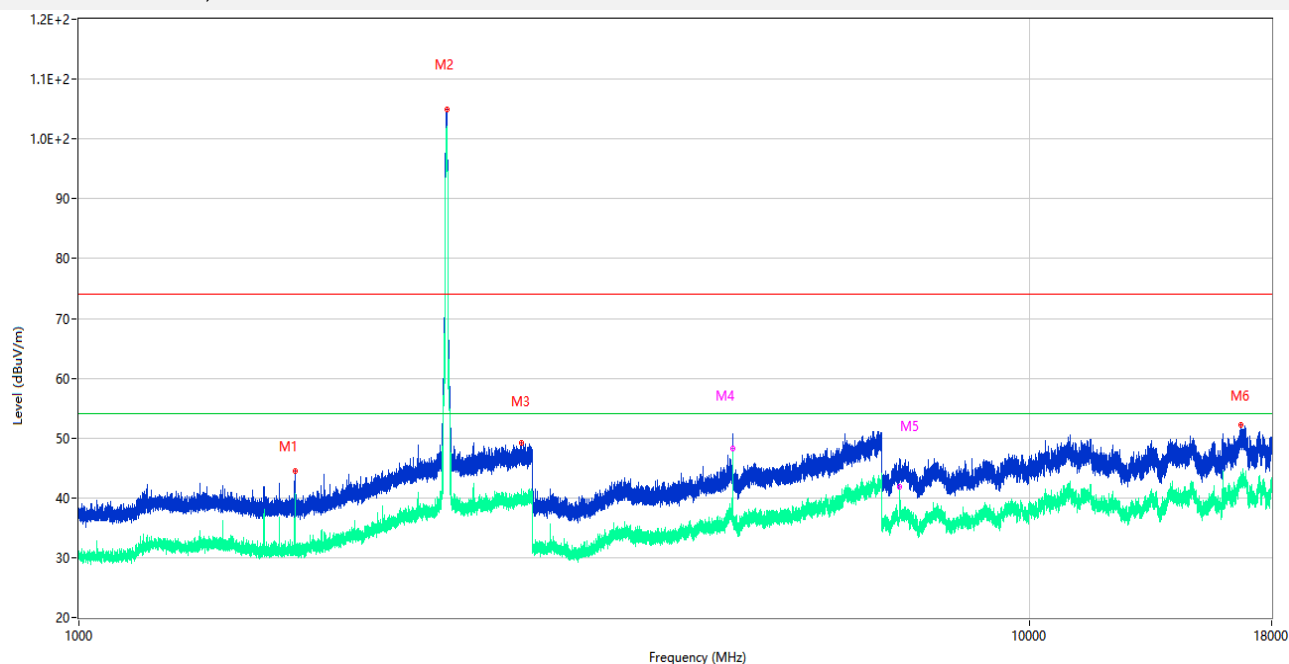
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.600	43.45	-18.92	74.0	30.55	Peak	332.00	100	Horizontal	Pass
1**	1687.600	39.32	-18.92	54.0	14.68	AV	332.00	100	Horizontal	Pass
2	2410.100	105.57	-14.34	74.0	-31.57	Peak	144.00	100	Horizontal	N/A
2**	2410.100	102.82	-14.34	54.0	-48.82	AV	144.00	100	Horizontal	N/A
3	2987.500	49.14	-11.16	74.0	24.86	Peak	344.00	150	Horizontal	Pass
3**	2987.500	39.62	-11.16	54.0	14.38	AV	344.00	150	Horizontal	Pass
4	4824.200	48.03	-7.64	74.0	25.97	Peak	40.00	150	Horizontal	Pass
4**	4824.200	45.03	-7.64	54.0	8.97	AV	40.00	150	Horizontal	Pass
5	7235.175	50.08	-1.71	74.0	23.92	Peak	100.00	150	Horizontal	Pass
5**	7235.175	44.72	-1.71	54.0	9.28	AV	100.00	150	Horizontal	Pass
6	16844.213	52.69	6.35	74.0	21.31	Peak	118.00	150	Horizontal	Pass
6**	16844.213	42.96	6.35	54.0	11.04	AV	118.00	150	Horizontal	Pass

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



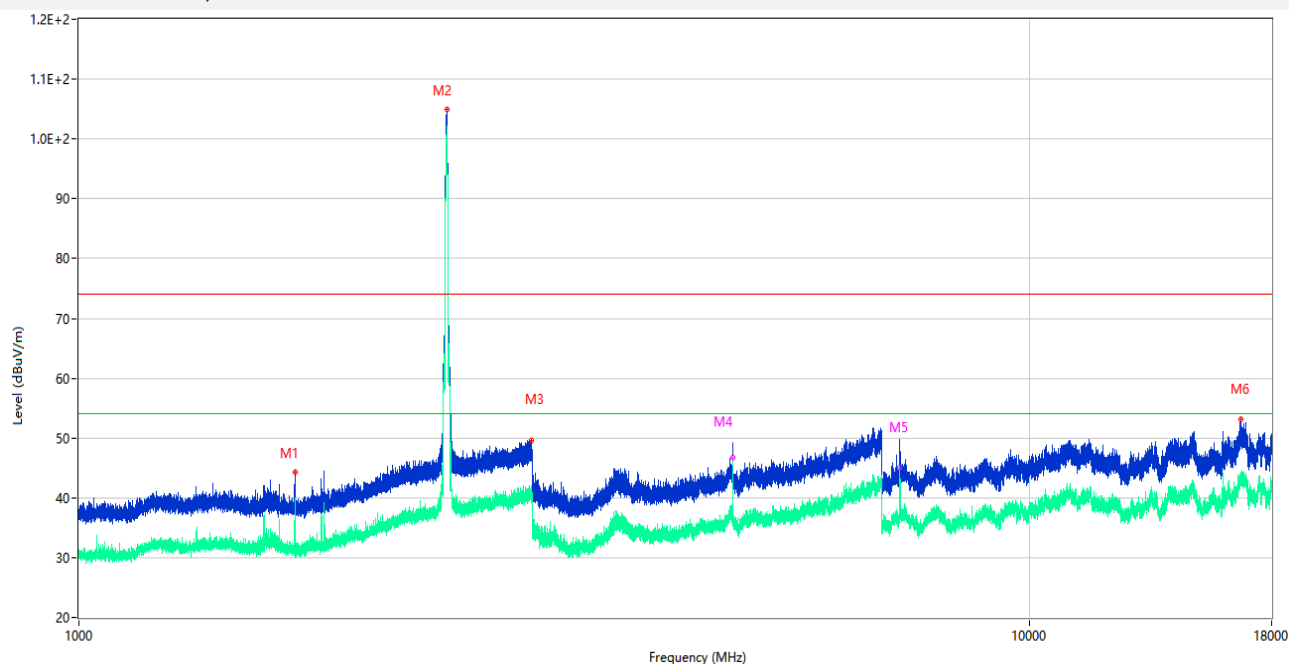
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.300	43.92	-18.91	74.0	30.08	Peak	50.00	300	Vertical	Pass
1**	1687.300	38.94	-18.91	54.0	15.06	AV	50.00	300	Vertical	Pass
2	2410.500	104.53	-14.46	74.0	-30.53	Peak	92.00	200	Vertical	N/A
2**	2410.500	101.56	-14.46	54.0	-47.56	AV	92.00	200	Vertical	N/A
3	2951.200	50.07	-11.20	74.0	23.93	Peak	50.00	150	Vertical	Pass
3**	2951.200	40.88	-11.20	54.0	13.12	AV	50.00	150	Vertical	Pass
4	4824.200	49.02	-7.64	74.0	24.98	Peak	9.00	150	Vertical	Pass
4**	4824.200	46.30	-7.64	54.0	7.70	AV	9.00	150	Vertical	Pass
5	7235.175	51.89	-1.71	74.0	22.11	Peak	98.00	150	Vertical	Pass
5**	7235.175	48.69	-1.71	54.0	5.31	AV	98.00	150	Vertical	Pass
6	16768.088	52.83	6.04	74.0	21.17	Peak	216.00	300	Vertical	Pass
6**	16768.088	43.19	6.04	54.0	10.81	AV	216.00	300	Vertical	Pass

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



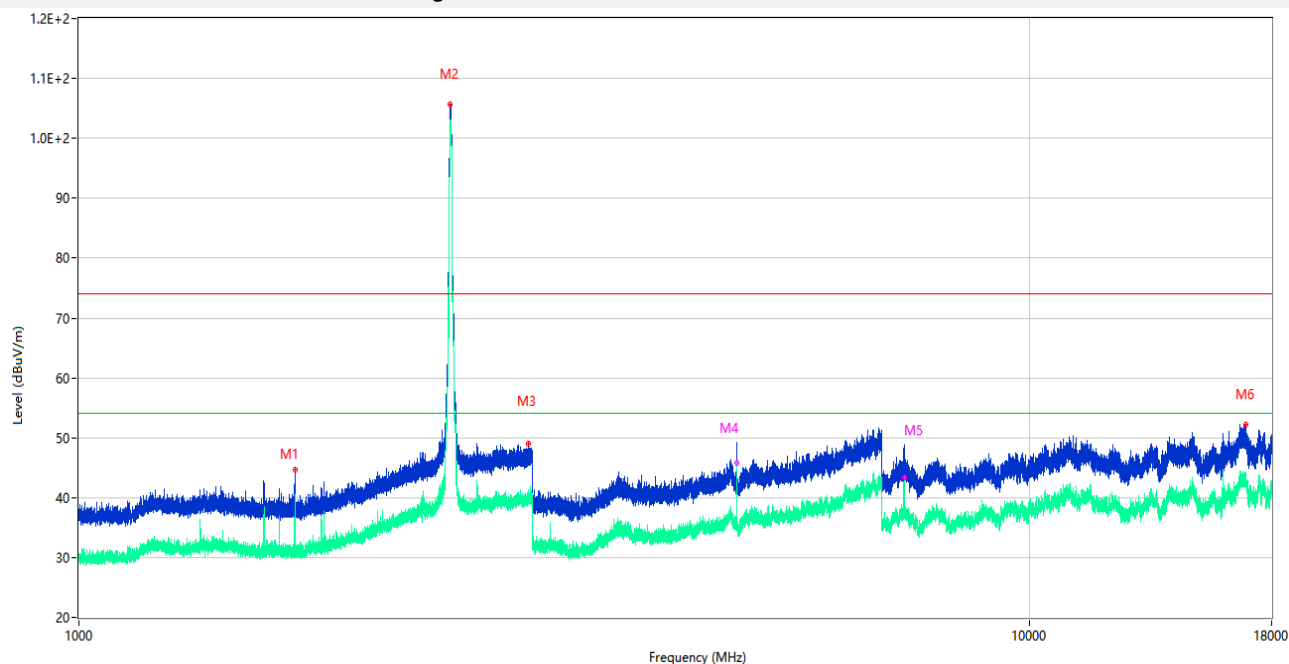
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.600	44.52	-18.92	74.0	29.48	Peak	343.00	400	Horizontal	Pass
1**	1687.600	40.42	-18.92	54.0	13.58	AV	343.00	400	Horizontal	Pass
2	2438.700	104.92	-13.48	74.0	-30.92	Peak	140.00	100	Horizontal	N/A
2**	2438.700	102.11	-13.48	54.0	-48.11	AV	140.00	100	Horizontal	N/A
3	2923.400	49.27	-11.66	74.0	24.73	Peak	0.00	200	Horizontal	Pass
3**	2923.400	40.30	-11.66	54.0	13.70	AV	0.00	200	Horizontal	Pass
4	4874.000	50.77	-7.04	74.0	23.23	Peak	52.00	150	Horizontal	Pass
4**	4874.000	48.28	-7.04	54.0	5.72	AV	52.00	150	Horizontal	Pass
5	7312.513	46.02	-1.99	74.0	27.98	Peak	109.00	150	Horizontal	Pass
5**	7312.513	41.83	-1.99	54.0	12.17	AV	109.00	150	Horizontal	Pass
6	16707.713	52.16	6.82	74.0	21.84	Peak	3.00	300	Horizontal	Pass

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



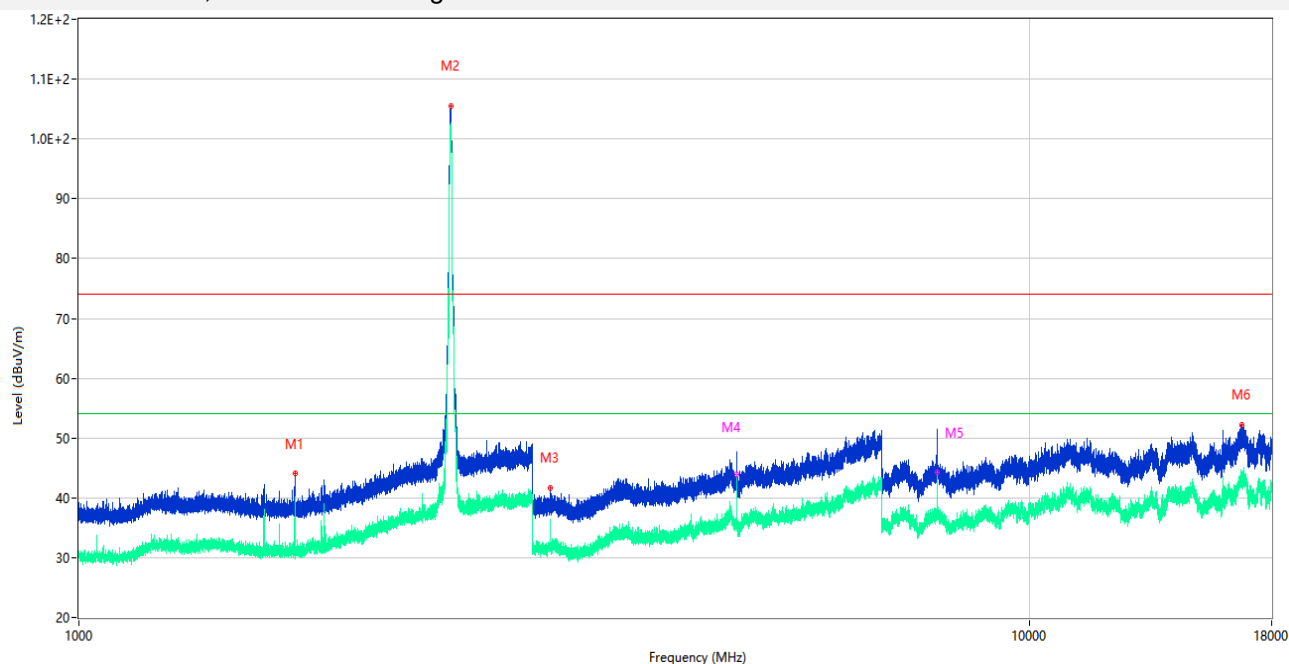
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	44.31	-18.92	74.0	29.69	Peak	145.00	300	Vertical	Pass
1**	1687.500	39.65	-18.92	54.0	14.35	AV	145.00	300	Vertical	Pass
2	2438.700	104.95	-13.48	74.0	-30.95	Peak	99.00	150	Vertical	N/A
2**	2438.700	102.11	-13.48	54.0	-48.11	AV	99.00	150	Vertical	N/A
3	2993.700	49.50	-10.98	74.0	24.50	Peak	134.00	100	Vertical	Pass
3**	2993.700	41.50	-10.98	54.0	12.50	AV	134.00	100	Vertical	Pass
4	4874.000	48.93	-7.04	74.0	25.07	Peak	1.00	150	Vertical	Pass
4**	4874.000	46.74	-7.04	54.0	7.26	AV	1.00	150	Vertical	Pass
5	7312.225	49.69	-1.99	74.0	24.31	Peak	85.00	150	Vertical	Pass
5**	7312.225	45.11	-1.99	54.0	8.89	AV	85.00	150	Vertical	Pass
6	16703.250	53.15	6.67	74.0	20.85	Peak	182.00	200	Vertical	Pass
6**	16703.250	43.05	6.67	54.0	10.95	AV	182.00	200	Vertical	Pass

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



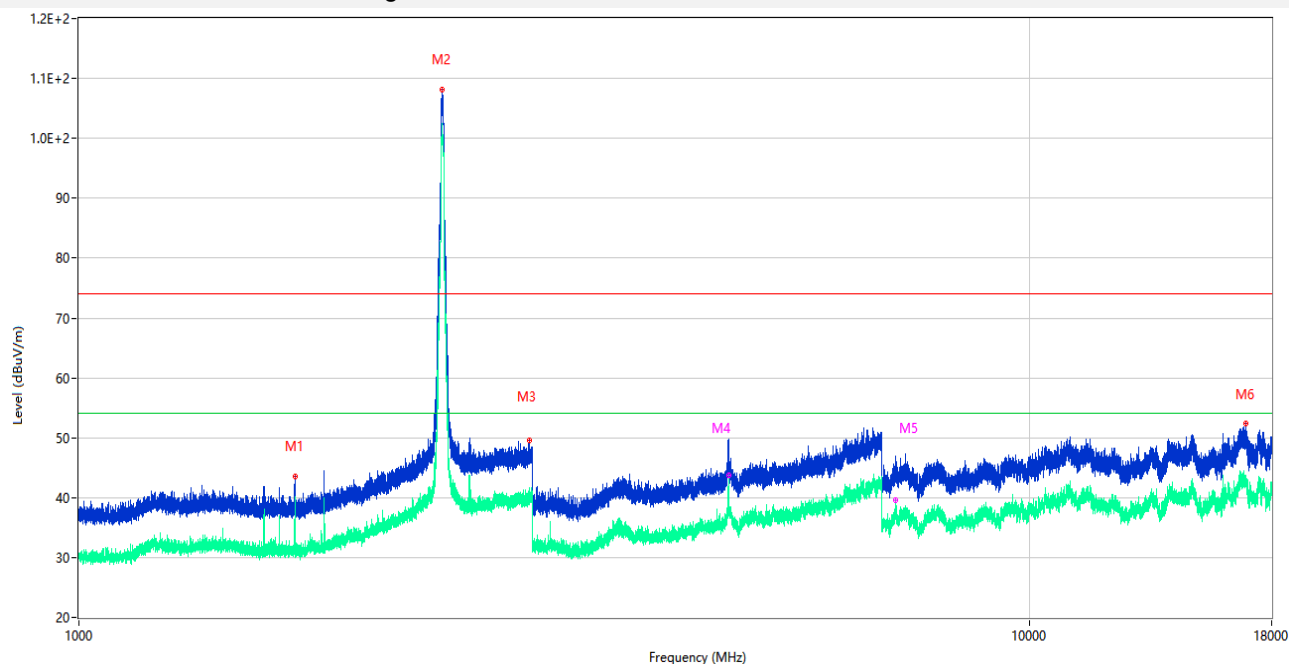
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	44.64	-18.92	74.0	29.36	Peak	360.00	200	Horizontal	Pass
1**	1687.500	39.47	-18.92	54.0	14.53	AV	360.00	200	Horizontal	Pass
2	2460.800	105.70	-13.77	74.0	-31.70	Peak	139.00	200	Horizontal	N/A
2**	2460.800	102.97	-13.77	54.0	-48.97	AV	139.00	200	Horizontal	N/A
3	2974.600	49.04	-11.12	74.0	24.96	Peak	51.00	200	Horizontal	Pass
3**	2974.600	39.53	-11.12	54.0	14.47	AV	51.00	200	Horizontal	Pass
4	4924.200	48.13	-6.85	74.0	25.87	Peak	80.00	150	Horizontal	Pass
4**	4924.200	45.88	-6.85	54.0	8.12	AV	80.00	150	Horizontal	Pass
5	7386.975	47.85	-1.63	74.0	26.15	Peak	279.00	150	Horizontal	Pass
5**	7386.975	43.43	-1.63	54.0	10.57	AV	279.00	150	Horizontal	Pass
6	16908.787	52.22	7.05	74.0	21.78	Peak	259.00	200	Horizontal	Pass
6**	16908.787	43.28	7.05	54.0	10.72	AV	259.00	200	Horizontal	Pass

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



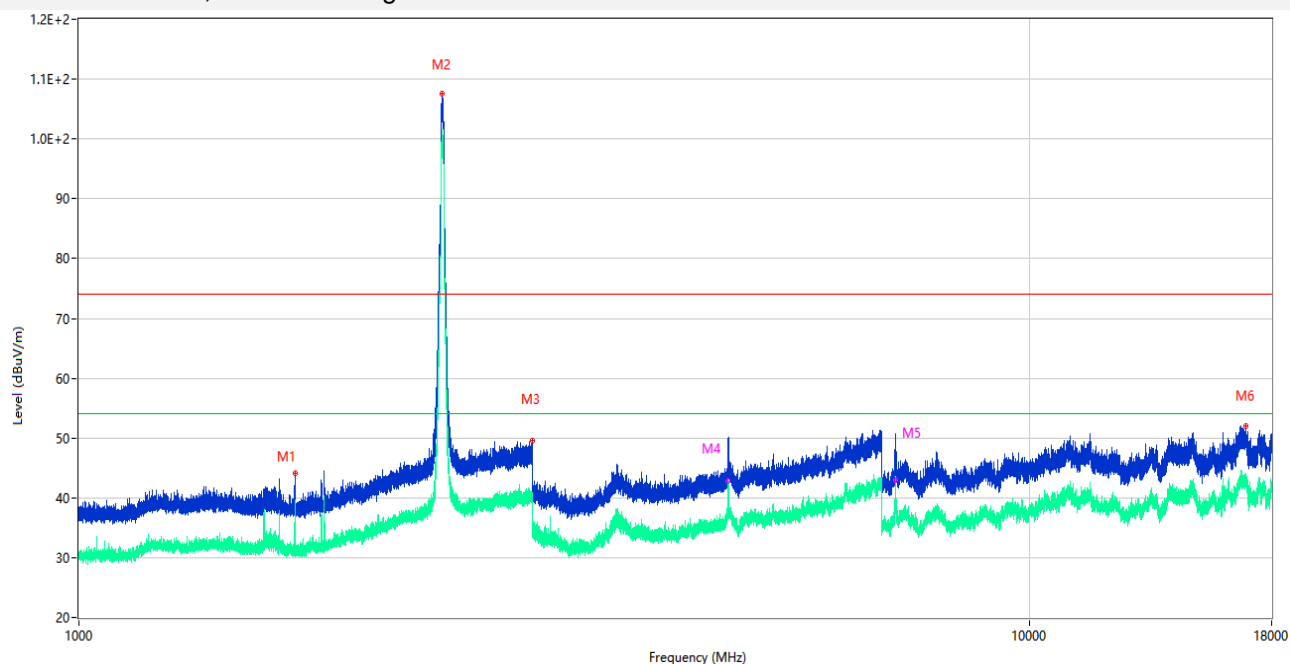
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.400	44.01	-18.91	74.0	29.99	Peak	279.00	300	Vertical	Pass
1**	1687.400	39.40	-18.91	54.0	14.60	AV	279.00	300	Vertical	Pass
2	2463.500	105.43	-13.72	74.0	-31.43	Peak	81.00	150	Vertical	N/A
2**	2463.500	102.64	-13.72	54.0	-48.64	AV	81.00	150	Vertical	N/A
3	3132.000	41.57	-11.51	74.0	32.43	Peak	207.00	150	Vertical	Pass
3**	3132.000	35.02	-11.51	54.0	18.98	AV	207.00	150	Vertical	Pass
4	4924.200	47.64	-6.85	74.0	26.36	Peak	185.00	150	Vertical	Pass
4**	4924.200	43.99	-6.85	54.0	10.01	AV	185.00	150	Vertical	Pass
5	7999.925	45.55	-0.89	74.0	28.45	Peak	159.00	150	Vertical	Pass
5**	7999.925	44.31	-0.89	54.0	9.69	AV	159.00	150	Vertical	Pass
6	16754.699	52.22	6.08	74.0	21.78	Peak	52.00	100	Vertical	Pass
6**	16754.699	42.55	6.08	54.0	11.45	AV	52.00	100	Vertical	Pass

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



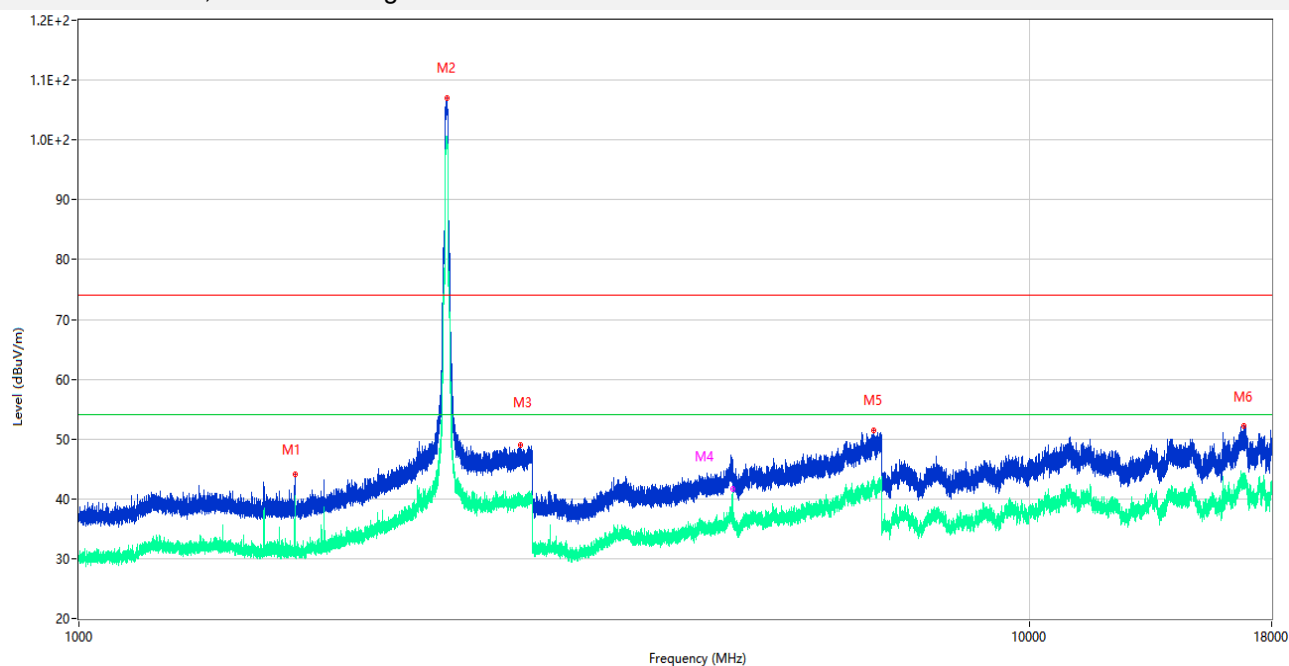
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	43.62	-18.92	74.0	30.38	Peak	356.00	200	Horizontal	Pass
1**	1687.500	39.49	-18.92	54.0	14.51	AV	356.00	200	Horizontal	Pass
2	2412.900	108.18	-13.98	74.0	-34.18	Peak	153.00	100	Horizontal	N/A
2**	2412.900	101.76	-13.98	54.0	-47.76	AV	153.00	100	Horizontal	N/A
3	2976.100	49.53	-10.98	74.0	24.47	Peak	50.00	150	Horizontal	Pass
3**	2976.100	40.45	-10.98	54.0	13.55	AV	50.00	150	Horizontal	Pass
4	4826.200	48.68	-7.29	74.0	25.32	Peak	101.00	150	Horizontal	Pass
4**	4826.200	43.76	-7.29	54.0	10.24	AV	101.00	150	Horizontal	Pass
5	7231.725	46.20	-1.71	74.0	27.80	Peak	114.00	150	Horizontal	Pass
5**	7231.725	39.50	-1.71	54.0	14.50	AV	114.00	150	Horizontal	Pass
6	16915.875	52.36	6.87	74.0	21.64	Peak	168.00	100	Horizontal	Pass
6**	16915.875	42.95	6.87	54.0	11.05	AV	168.00	100	Horizontal	Pass

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



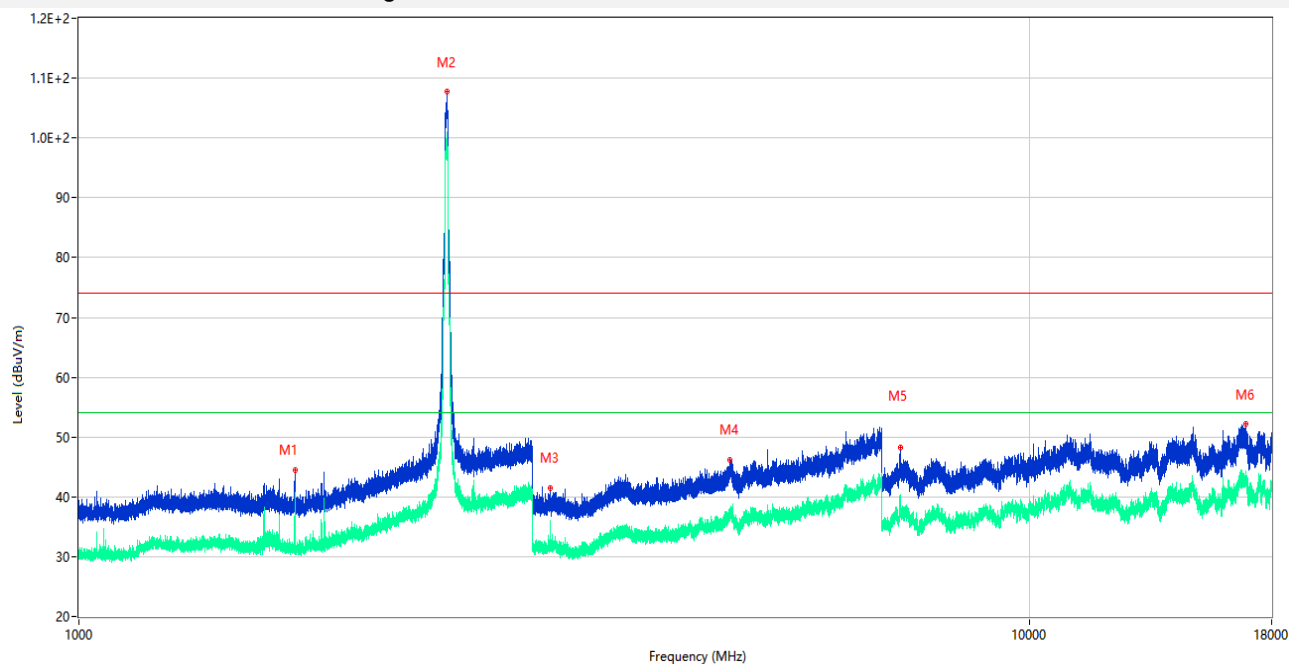
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.400	44.01	-18.91	74.0	29.99	Peak	229.00	400	Vertical	Pass
1**	1687.400	39.11	-18.91	54.0	14.89	AV	229.00	400	Vertical	Pass
2	2413.000	107.48	-13.95	74.0	-33.48	Peak	85.00	200	Vertical	N/A
2**	2413.000	101.20	-13.95	54.0	-47.20	AV	85.00	200	Vertical	N/A
3	2999.200	49.50	-11.38	74.0	24.50	Peak	7.00	100	Vertical	Pass
3**	2999.200	39.39	-11.38	54.0	14.61	AV	7.00	100	Vertical	Pass
4	4821.800	48.16	-7.27	74.0	25.84	Peak	23.00	150	Vertical	Pass
4**	4821.800	42.77	-7.27	54.0	11.23	AV	23.00	150	Vertical	Pass
5	7242.650	44.62	-1.59	74.0	29.38	Peak	102.00	150	Vertical	Pass
5**	7242.650	42.93	-1.59	54.0	11.07	AV	102.00	150	Vertical	Pass
6	16901.963	52.08	7.08	74.0	21.92	Peak	217.00	400	Vertical	Pass
6**	16901.963	42.50	7.08	54.0	11.50	AV	217.00	400	Vertical	Pass

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



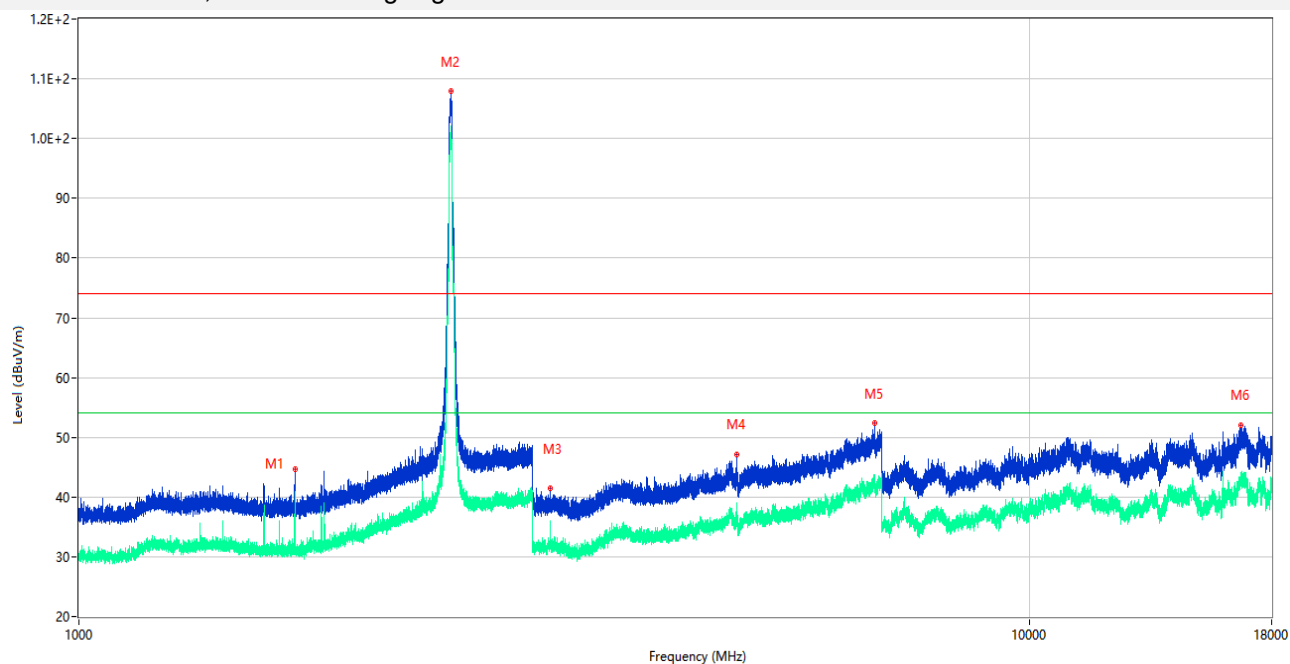
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	44.10	-18.92	74.0	29.90	Peak	9.00	400	Horizontal	Pass
1**	1687.500	40.01	-18.92	54.0	13.99	AV	9.00	400	Horizontal	Pass
2	2441.900	107.05	-13.72	74.0	-33.05	Peak	164.00	100	Horizontal	N/A
2**	2441.900	100.19	-13.72	54.0	-46.19	AV	164.00	100	Horizontal	N/A
3	2916.200	49.00	-11.12	74.0	25.00	Peak	234.00	200	Horizontal	Pass
3**	2916.200	40.07	-11.12	54.0	13.93	AV	234.00	200	Horizontal	Pass
4	4875.600	45.15	-7.26	74.0	28.85	Peak	59.00	150	Horizontal	Pass
4**	4875.600	41.64	-7.26	54.0	12.36	AV	59.00	150	Horizontal	Pass
5	6858.000	51.48	-0.88	74.0	22.52	Peak	188.00	200	Horizontal	Pass
5**	6858.000	42.71	-0.88	54.0	11.29	AV	188.00	200	Horizontal	Pass
6	16824.001	52.19	5.93	74.0	21.81	Peak	230.00	200	Horizontal	Pass
6**	16824.001	42.88	5.93	54.0	11.12	AV	230.00	200	Horizontal	Pass

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



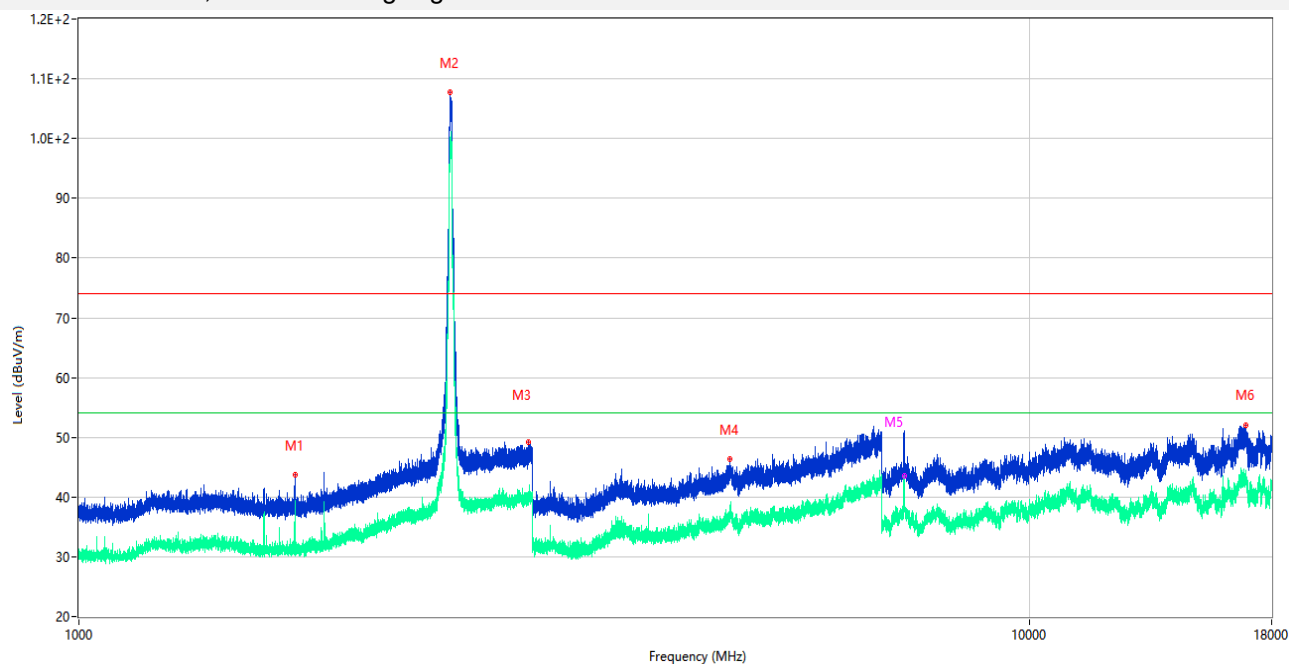
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	44.51	-18.92	74.0	29.49	Peak	324.00	400	Vertical	Pass
1**	1687.500	40.24	-18.92	54.0	13.76	AV	324.00	400	Vertical	Pass
2	2441.300	107.71	-13.27	74.0	-33.71	Peak	91.00	200	Vertical	N/A
2**	2441.300	100.08	-13.27	54.0	-46.08	AV	91.00	200	Vertical	N/A
3	3132.000	41.48	-11.51	74.0	32.52	Peak	1.00	150	Vertical	Pass
3**	3132.000	34.81	-11.51	54.0	19.19	AV	1.00	150	Vertical	Pass
4	4840.400	46.19	-6.34	74.0	27.81	Peak	148.00	400	Vertical	Pass
4**	4840.400	37.20	-6.34	54.0	16.80	AV	148.00	400	Vertical	Pass
5	7315.100	48.33	-1.96	74.0	25.67	Peak	99.00	150	Vertical	Pass
5**	7315.100	38.54	-1.96	54.0	15.46	AV	99.00	150	Vertical	Pass
6	16921.650	52.14	6.67	74.0	21.86	Peak	162.00	200	Vertical	Pass
6**	16921.650	42.90	6.67	54.0	11.10	AV	162.00	200	Vertical	Pass

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



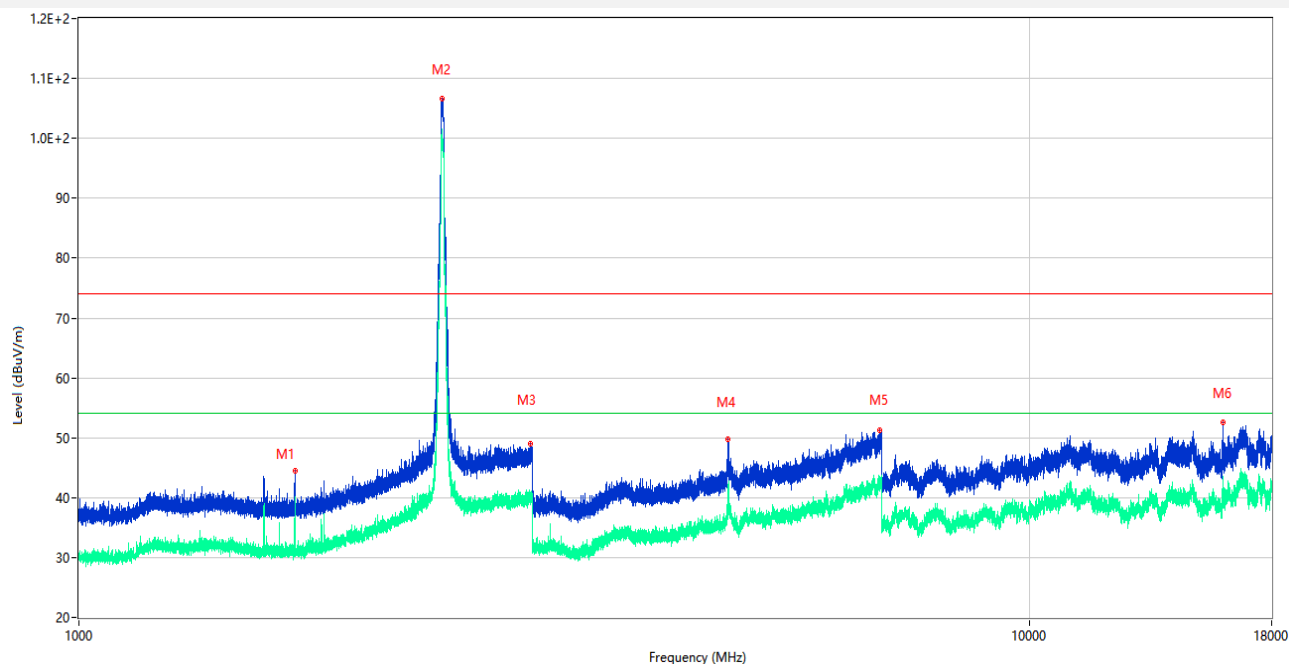
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.700	44.58	-18.93	74.0	29.42	Peak	360.00	200	Horizontal	Pass
1**	1687.700	40.54	-18.93	54.0	13.46	AV	360.00	200	Horizontal	Pass
2	2463.000	107.91	-13.89	74.0	-33.91	Peak	140.00	150	Horizontal	N/A
2**	2463.000	101.50	-13.89	54.0	-47.50	AV	140.00	150	Horizontal	N/A
3	3131.800	41.48	-11.48	74.0	32.52	Peak	360.00	150	Horizontal	Pass
3**	3131.800	33.56	-11.48	54.0	20.44	AV	360.00	150	Horizontal	Pass
4	4920.200	47.16	-6.72	74.0	26.84	Peak	69.00	300	Horizontal	Pass
4**	4920.200	38.42	-6.72	54.0	15.58	AV	69.00	300	Horizontal	Pass
5	6872.000	52.36	-0.68	74.0	21.64	Peak	115.00	100	Horizontal	Pass
5**	6872.000	42.30	-0.68	54.0	11.70	AV	115.00	100	Horizontal	Pass
6	16711.912	52.10	6.90	74.0	21.90	Peak	0.00	200	Horizontal	Pass
6**	16711.912	43.10	6.90	54.0	10.90	AV	0.00	200	Horizontal	Pass

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



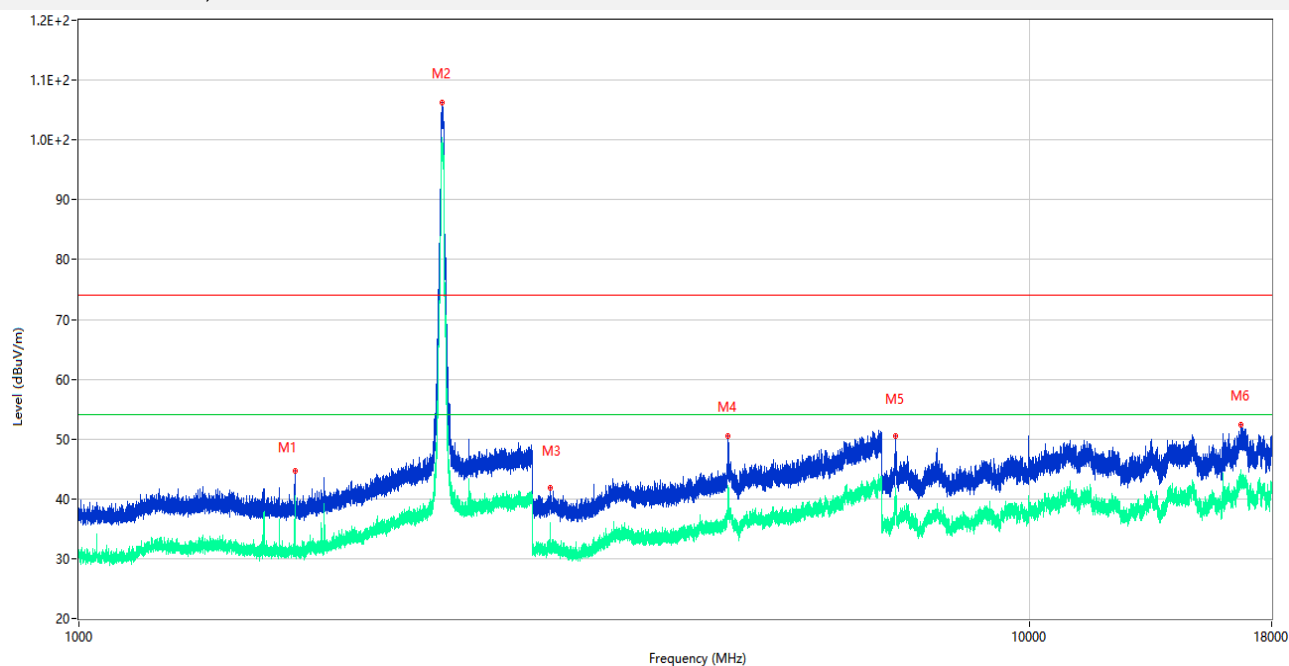
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.400	43.64	-18.91	74.0	30.36	Peak	294.00	100	Vertical	Pass
1**	1687.400	38.71	-18.91	54.0	15.29	AV	294.00	100	Vertical	Pass
2	2460.900	107.73	-13.78	74.0	-33.73	Peak	83.00	150	Vertical	N/A
2**	2460.900	99.85	-13.78	54.0	-45.85	AV	83.00	150	Vertical	N/A
3	2975.200	49.18	-10.61	74.0	24.82	Peak	50.00	150	Vertical	Pass
3**	2975.200	40.41	-10.61	54.0	13.59	AV	50.00	150	Vertical	Pass
4	4846.600	46.32	-6.54	74.0	27.68	Peak	274.00	100	Vertical	Pass
4**	4846.600	37.42	-6.54	54.0	16.58	AV	274.00	100	Vertical	Pass
5	7386.400	47.95	-1.63	74.0	26.05	Peak	101.00	150	Vertical	Pass
5**	7386.400	43.55	-1.63	54.0	10.45	AV	101.00	150	Vertical	Pass
6	16911.150	52.04	7.01	74.0	21.96	Peak	341.00	100	Vertical	Pass
6**	16911.150	42.85	7.01	54.0	11.15	AV	341.00	100	Vertical	Pass

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



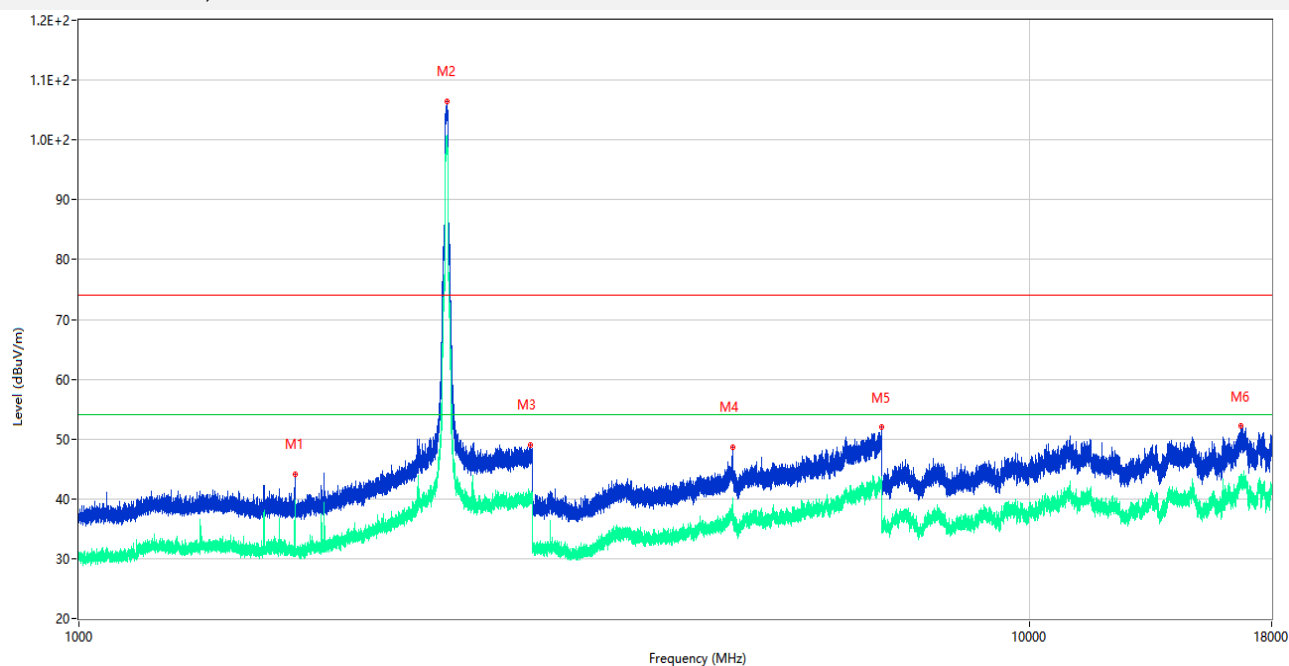
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.600	44.57	-18.92	74.0	29.43	Peak	298.00	300	Horizontal	Pass
1**	1687.600	40.06	-18.92	54.0	13.94	AV	298.00	300	Horizontal	Pass
2	2413.200	106.59	-13.91	74.0	-32.59	Peak	238.00	200	Horizontal	N/A
2**	2413.200	100.13	-13.91	54.0	-46.13	AV	238.00	200	Horizontal	N/A
3	2984.700	49.02	-11.01	74.0	24.98	Peak	33.00	150	Horizontal	Pass
3**	2984.700	39.59	-11.01	54.0	14.41	AV	33.00	150	Horizontal	Pass
4	4819.400	49.66	-7.30	74.0	24.34	Peak	54.00	400	Horizontal	Pass
4**	4819.400	39.89	-7.30	54.0	14.11	AV	54.00	400	Horizontal	Pass
5	6966.600	51.25	-1.05	74.0	22.75	Peak	102.00	400	Horizontal	Pass
5**	6966.600	42.02	-1.05	54.0	11.98	AV	102.00	400	Horizontal	Pass
6	16000.012	52.50	7.38	74.0	21.50	Peak	57.00	100	Horizontal	Pass
6**	16000.012	42.73	7.38	54.0	11.27	AV	57.00	100	Horizontal	Pass

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



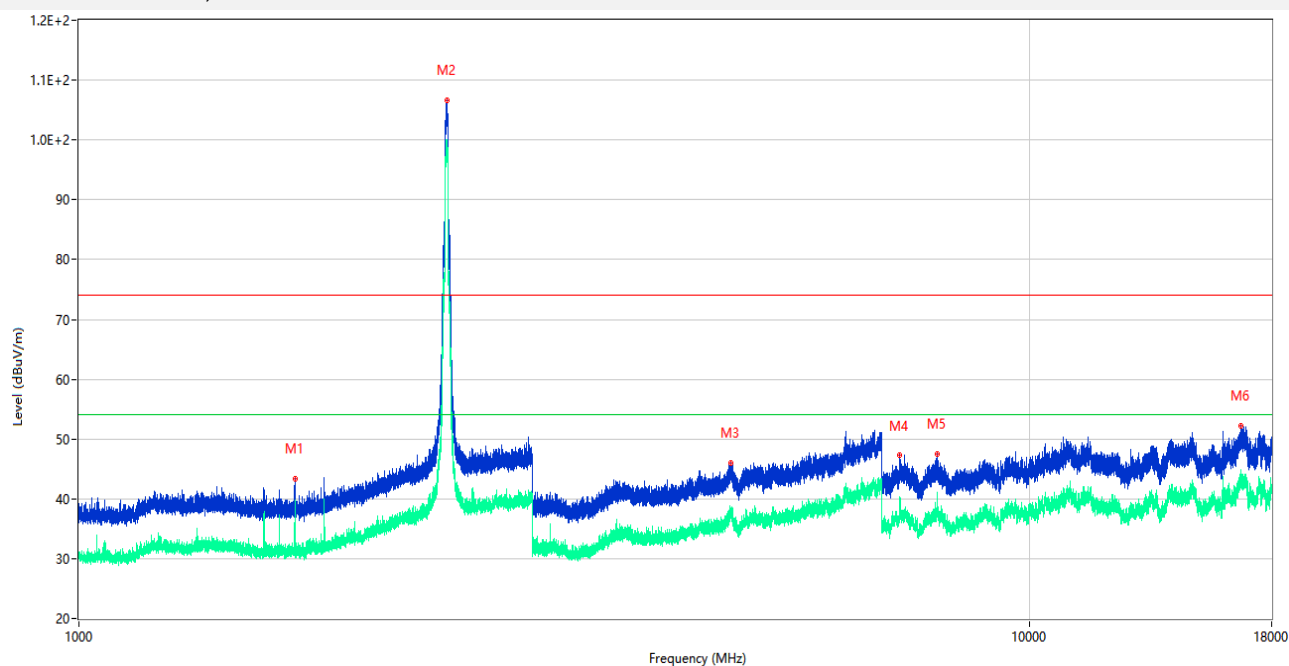
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	44.69	-18.92	74.0	29.31	Peak	360.00	300	Vertical	Pass
1**	1687.500	40.34	-18.92	54.0	13.66	AV	360.00	300	Vertical	Pass
2	2412.700	106.23	-14.02	74.0	-32.23	Peak	102.00	150	Vertical	N/A
2**	2412.700	99.60	-14.02	54.0	-45.60	AV	102.00	150	Vertical	N/A
3	3131.800	41.78	-11.48	74.0	32.22	Peak	265.00	150	Vertical	Pass
3**	3131.800	33.47	-11.48	54.0	20.53	AV	265.00	150	Vertical	Pass
4	4822.200	50.44	-7.16	74.0	23.56	Peak	26.00	300	Vertical	Pass
4**	4822.200	39.81	-7.16	54.0	14.19	AV	26.00	300	Vertical	Pass
5	7233.737	50.54	-1.71	74.0	23.46	Peak	90.00	150	Vertical	Pass
5**	7233.737	40.19	-1.71	54.0	13.81	AV	90.00	150	Vertical	Pass
6	16715.588	52.32	6.89	74.0	21.68	Peak	277.00	400	Vertical	Pass
6**	16715.588	42.81	6.89	54.0	11.19	AV	277.00	400	Vertical	Pass

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



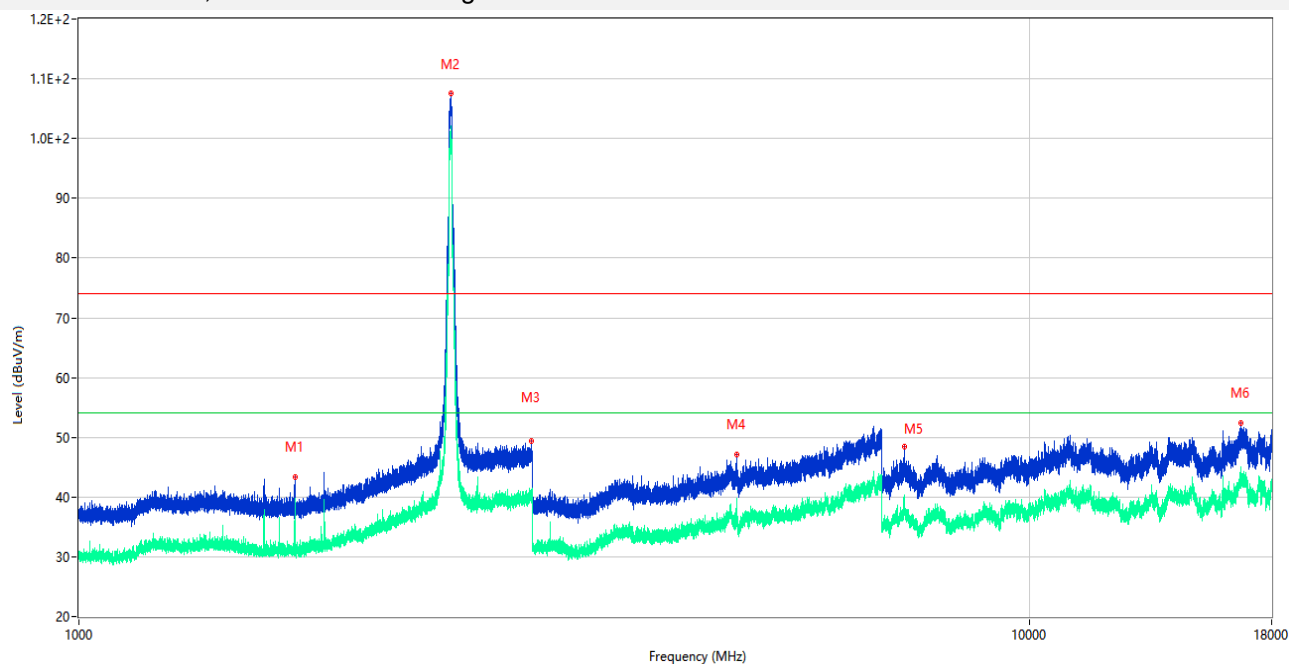
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.800	44.15	-18.93	74.0	29.85	Peak	360.00	300	Horizontal	Pass
1**	1687.800	39.80	-18.93	54.0	14.20	AV	360.00	300	Horizontal	Pass
2	2438.500	106.51	-13.57	74.0	-32.51	Peak	153.00	100	Horizontal	N/A
2**	2438.500	99.54	-13.57	54.0	-45.54	AV	153.00	100	Horizontal	N/A
3	2987.600	49.03	-11.11	74.0	24.97	Peak	116.00	150	Horizontal	Pass
3**	2987.600	40.03	-11.11	54.0	13.97	AV	116.00	150	Horizontal	Pass
4	4874.800	48.54	-7.28	74.0	25.46	Peak	61.00	300	Horizontal	Pass
4**	4874.800	38.46	-7.28	54.0	15.54	AV	61.00	300	Horizontal	Pass
5	6993.200	51.95	-1.02	74.0	22.05	Peak	0.00	200	Horizontal	Pass
5**	6993.200	42.60	-1.02	54.0	11.40	AV	0.00	200	Horizontal	Pass
6	16711.125	52.15	6.90	74.0	21.85	Peak	119.00	200	Horizontal	Pass
6**	16711.125	42.95	6.90	54.0	11.05	AV	119.00	200	Horizontal	Pass

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



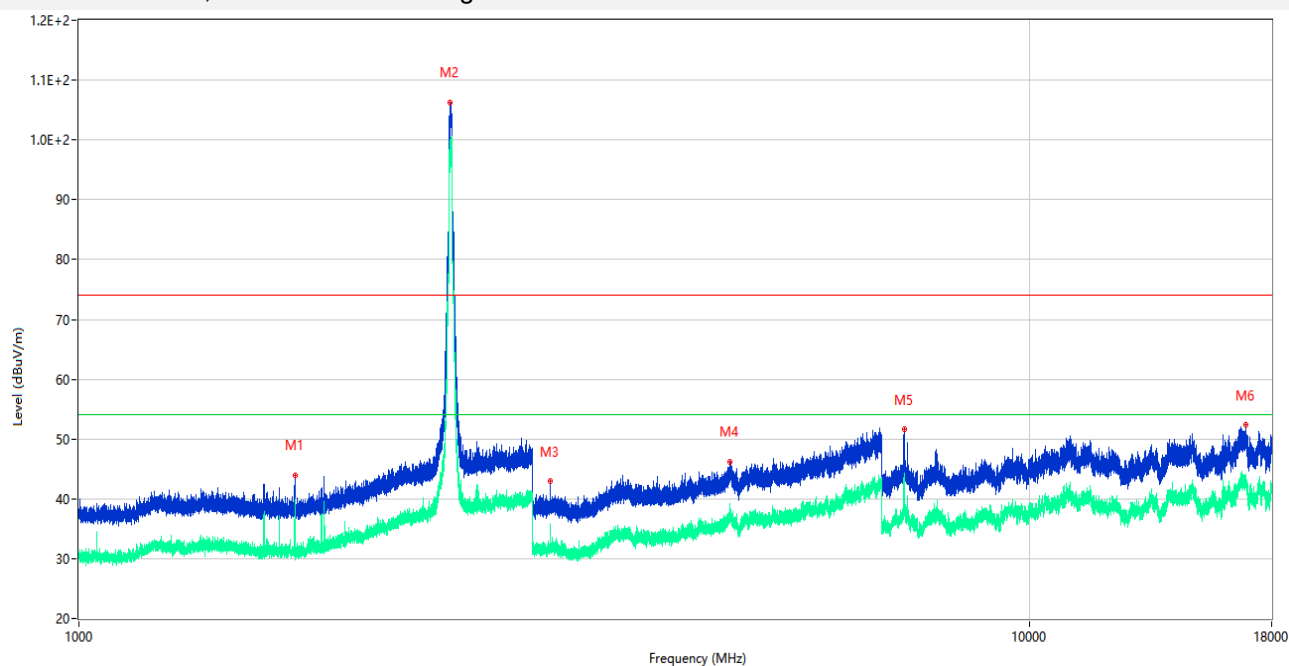
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	43.37	-18.92	74.0	30.63	Peak	188.00	100	Vertical	Pass
1**	1687.500	39.02	-18.92	54.0	14.98	AV	188.00	100	Vertical	Pass
2	2438.100	106.62	-13.77	74.0	-32.62	Peak	93.00	100	Vertical	N/A
2**	2438.100	99.58	-13.77	54.0	-45.58	AV	93.00	100	Vertical	N/A
3	4848.400	46.06	-6.04	74.0	27.94	Peak	105.00	200	Vertical	Pass
3**	4848.400	38.26	-6.04	54.0	15.74	AV	105.00	200	Vertical	Pass
4	7302.162	47.31	-1.99	74.0	26.69	Peak	93.00	150	Vertical	Pass
4**	7302.162	36.85	-1.99	54.0	17.15	AV	93.00	150	Vertical	Pass
5	7999.925	47.40	-0.89	74.0	26.60	Peak	150.00	150	Vertical	Pass
5**	7999.925	37.33	-0.89	54.0	16.67	AV	150.00	150	Vertical	Pass
6	16708.500	52.25	6.85	74.0	21.75	Peak	92.00	300	Vertical	Pass
6**	16708.500	43.51	6.85	54.0	10.49	AV	92.00	300	Vertical	Pass

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



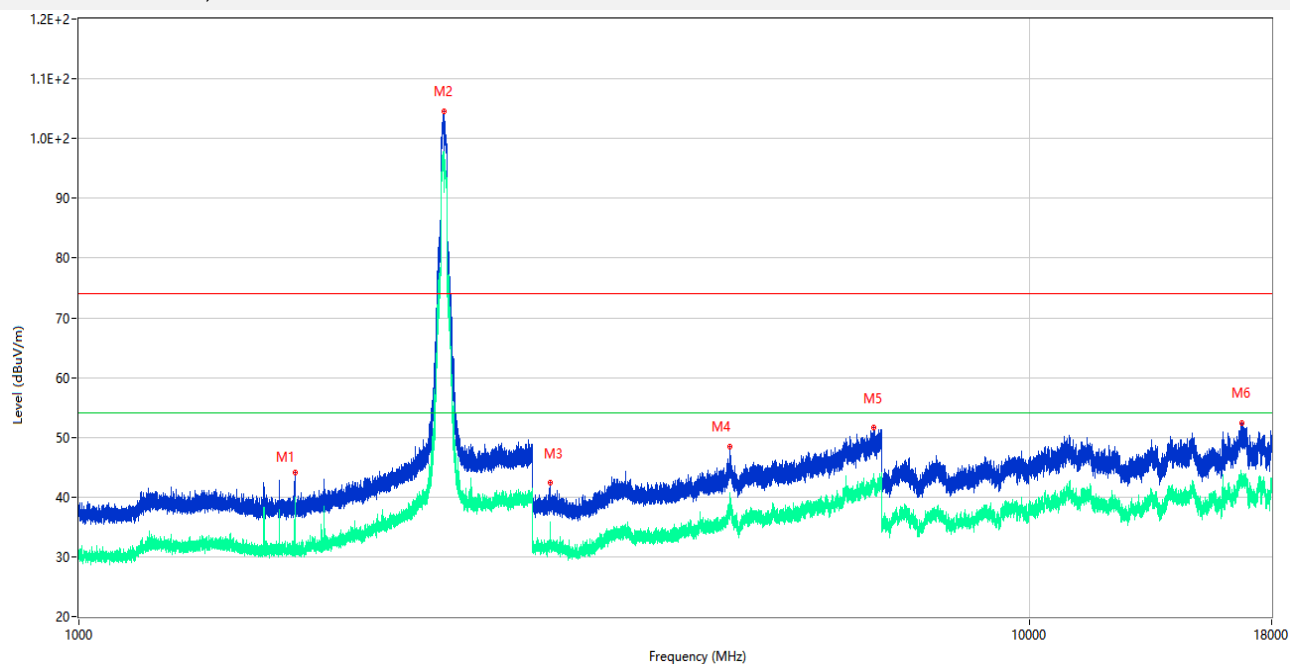
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	43.42	-18.92	74.0	30.58	Peak	62.00	100	Horizontal	Pass
1**	1687.500	39.21	-18.92	54.0	14.79	AV	62.00	100	Horizontal	Pass
2	2462.800	107.49	-13.95	74.0	-33.49	Peak	141.00	200	Horizontal	N/A
2**	2462.800	102.16	-13.95	54.0	-48.16	AV	141.00	200	Horizontal	N/A
3	2992.600	49.40	-11.19	74.0	24.60	Peak	40.00	100	Horizontal	Pass
3**	2992.600	40.10	-11.19	54.0	13.90	AV	40.00	100	Horizontal	Pass
4	4922.000	47.13	-6.53	74.0	26.87	Peak	71.00	200	Horizontal	Pass
4**	4922.000	38.58	-6.53	54.0	15.42	AV	71.00	200	Horizontal	Pass
5	7391.862	48.42	-1.58	74.0	25.58	Peak	115.00	150	Horizontal	Pass
5**	7391.862	40.42	-1.58	54.0	13.58	AV	115.00	150	Horizontal	Pass
6	16711.650	52.46	6.90	74.0	21.54	Peak	43.00	300	Horizontal	Pass
6**	16711.650	43.95	6.90	54.0	10.05	AV	43.00	300	Horizontal	Pass

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



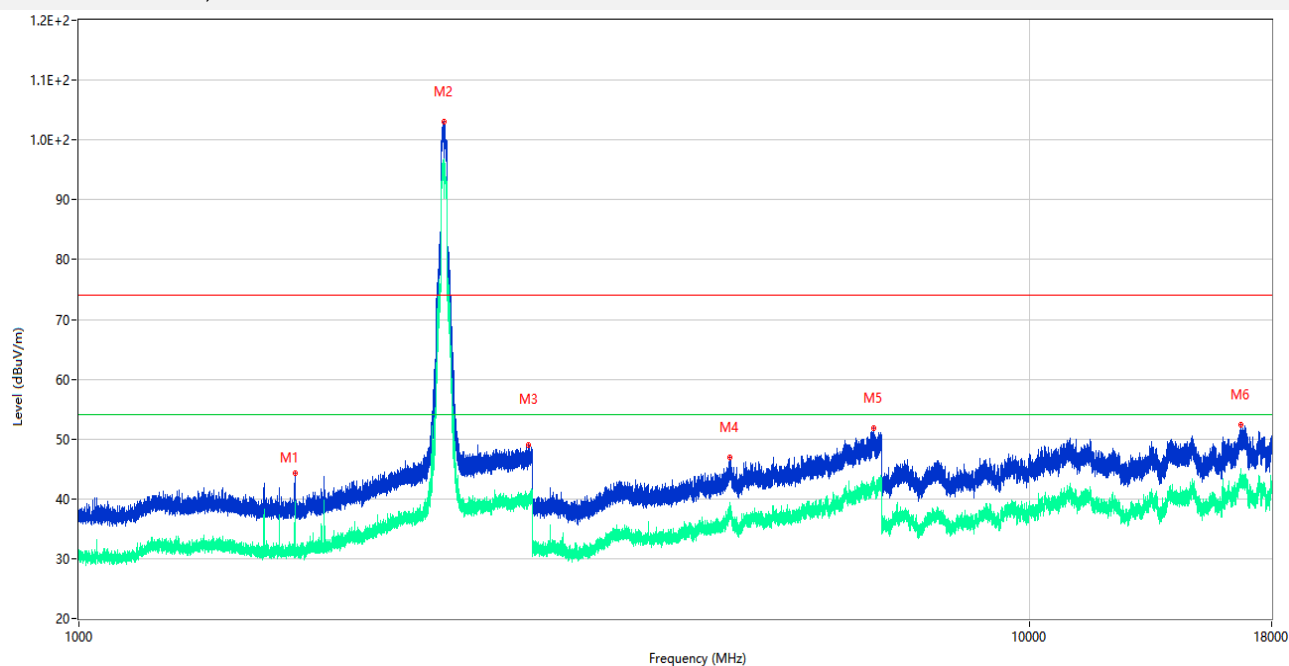
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1688.000	43.98	-18.95	74.0	30.02	Peak	19.00	400	Vertical	Pass
1**	1688.000	38.52	-18.95	54.0	15.48	AV	19.00	400	Vertical	Pass
2	2459.200	106.26	-14.11	74.0	-32.26	Peak	87.00	200	Vertical	N/A
2**	2459.200	99.35	-14.11	54.0	-45.35	AV	87.00	200	Vertical	N/A
3	3132.000	43.05	-11.51	74.0	30.95	Peak	162.00	150	Vertical	Pass
3**	3132.000	34.34	-11.51	54.0	19.66	AV	162.00	150	Vertical	Pass
4	4840.600	46.19	-6.26	74.0	27.81	Peak	360.00	200	Vertical	Pass
4**	4840.600	37.30	-6.26	54.0	16.70	AV	360.00	200	Vertical	Pass
5	7390.712	51.55	-1.61	74.0	22.45	Peak	93.00	150	Vertical	Pass
5**	7390.712	38.88	-1.61	54.0	15.12	AV	93.00	150	Vertical	Pass
6	16901.700	52.36	7.08	74.0	21.64	Peak	284.00	200	Vertical	Pass
6**	16901.700	42.38	7.08	54.0	11.62	AV	284.00	200	Vertical	Pass

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



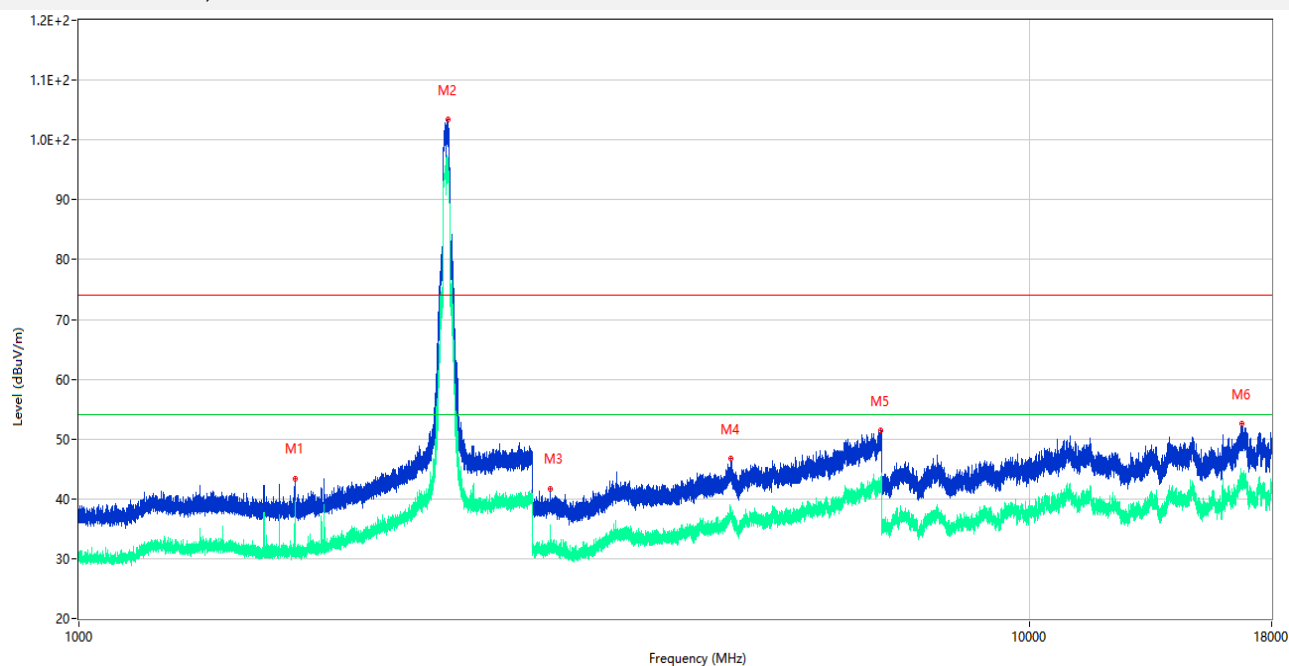
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.700	44.19	-18.93	74.0	29.81	Peak	343.00	100	Horizontal	Pass
1**	1687.700	39.57	-18.93	54.0	14.43	AV	343.00	100	Horizontal	Pass
2	2420.100	104.58	-13.74	74.0	-30.58	Peak	238.00	200	Horizontal	N/A
2**	2420.100	96.35	-13.74	54.0	-42.35	AV	238.00	200	Horizontal	N/A
3	3131.600	42.35	-11.44	74.0	31.65	Peak	136.00	150	Horizontal	Pass
3**	3131.600	33.12	-11.44	54.0	20.88	AV	136.00	150	Horizontal	Pass
4	4845.000	48.44	-6.28	74.0	25.56	Peak	96.00	200	Horizontal	Pass
4**	4845.000	39.89	-6.28	54.0	14.11	AV	96.00	200	Horizontal	Pass
5	6858.400	51.57	-0.95	74.0	22.43	Peak	0.00	400	Horizontal	Pass
5**	6858.400	42.19	-0.95	54.0	11.81	AV	0.00	400	Horizontal	Pass
6	16741.838	52.45	6.22	74.0	21.55	Peak	253.00	100	Horizontal	Pass
6**	16741.838	43.82	6.22	54.0	10.18	AV	253.00	100	Horizontal	Pass

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



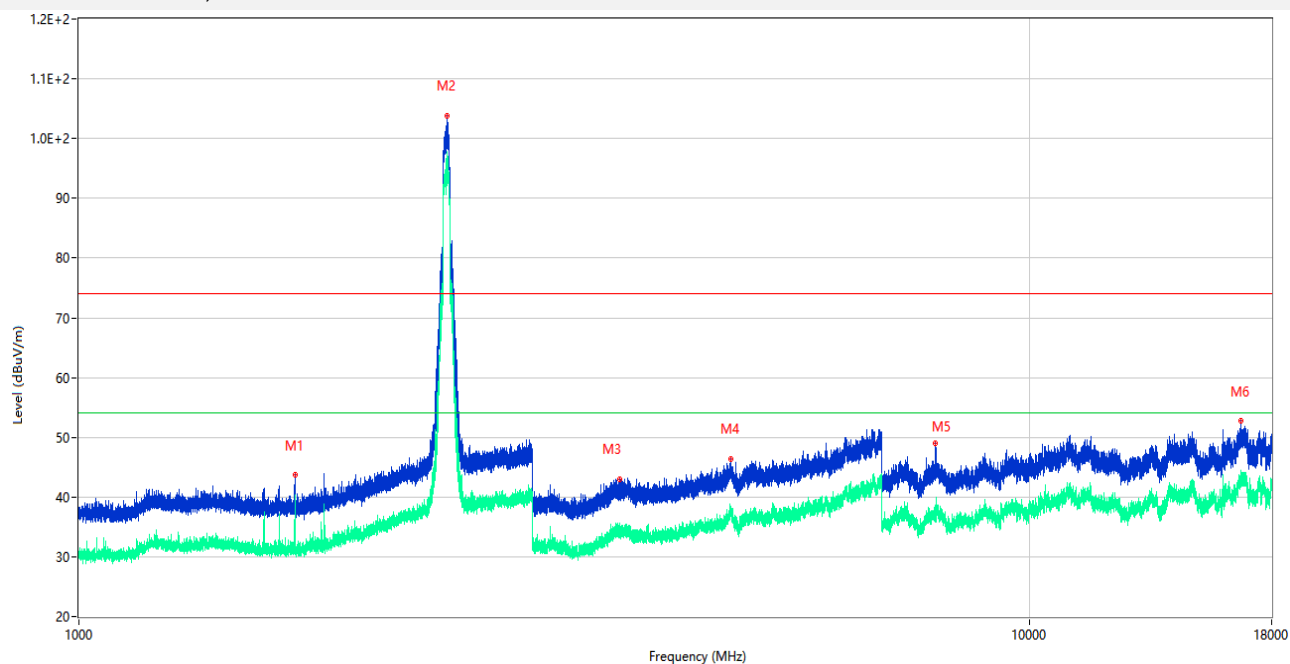
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.700	44.25	-18.93	74.0	29.75	Peak	206.00	200	Vertical	Pass
1**	1687.700	39.56	-18.93	54.0	14.44	AV	206.00	200	Vertical	Pass
2	2423.900	103.13	-13.70	74.0	-29.13	Peak	105.00	150	Vertical	N/A
2**	2423.900	95.63	-13.70	54.0	-41.63	AV	105.00	150	Vertical	N/A
3	2975.500	49.08	-10.74	74.0	24.92	Peak	196.00	200	Vertical	Pass
3**	2975.500	39.79	-10.74	54.0	14.21	AV	196.00	200	Vertical	Pass
4	4843.000	46.96	-6.48	74.0	27.04	Peak	341.00	300	Vertical	Pass
4**	4843.000	38.65	-6.48	54.0	15.35	AV	341.00	300	Vertical	Pass
5	6864.000	51.88	-0.64	74.0	22.12	Peak	0.00	200	Vertical	Pass
5**	6864.000	42.22	-0.64	54.0	11.78	AV	0.00	200	Vertical	Pass
6	16709.026	52.42	6.87	74.0	21.58	Peak	3.00	300	Vertical	Pass
6**	16709.026	43.38	6.87	54.0	10.62	AV	3.00	300	Vertical	Pass

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



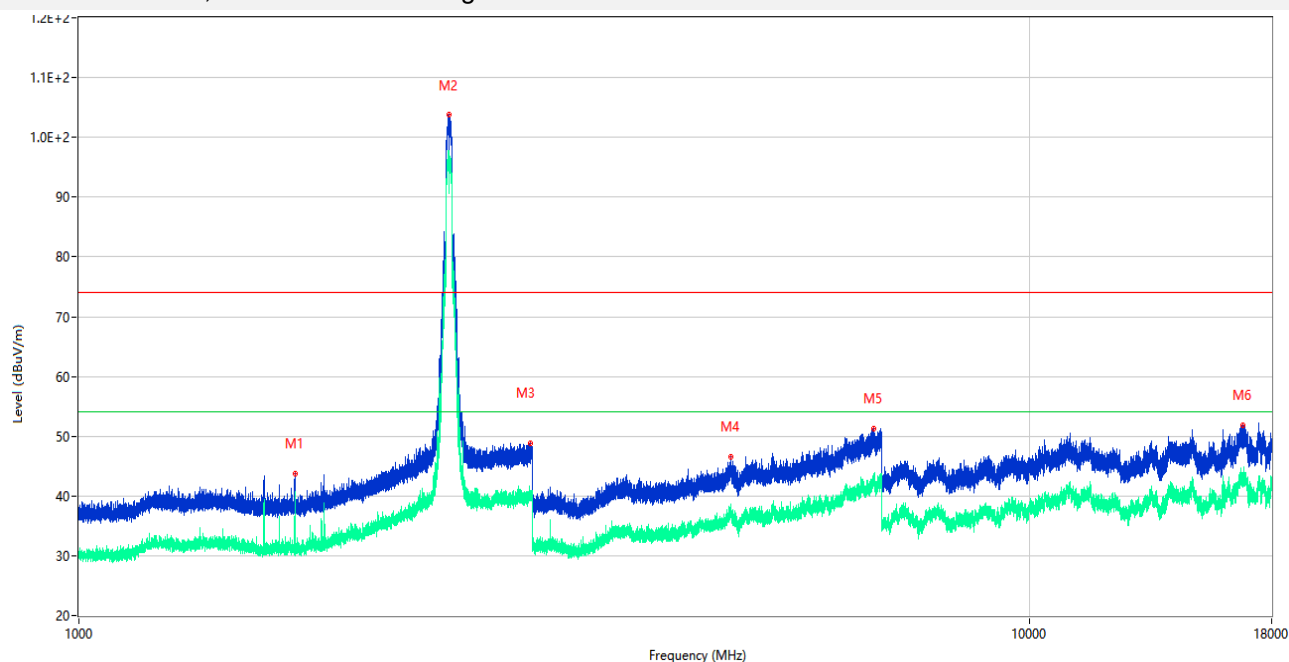
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.700	43.40	-18.93	74.0	30.60	Peak	307.00	100	Horizontal	Pass
1**	1687.700	39.65	-18.93	54.0	14.35	AV	307.00	100	Horizontal	Pass
2	2443.500	103.39	-13.76	74.0	-29.39	Peak	152.00	150	Horizontal	N/A
2**	2443.500	96.55	-13.76	54.0	-42.55	AV	152.00	150	Horizontal	N/A
3	3131.800	41.71	-11.48	74.0	32.29	Peak	119.00	150	Horizontal	Pass
3**	3131.800	33.79	-11.48	54.0	20.21	AV	119.00	150	Horizontal	Pass
4	4849.000	46.66	-6.28	74.0	27.34	Peak	143.00	400	Horizontal	Pass
4**	4849.000	37.50	-6.28	54.0	16.50	AV	143.00	400	Horizontal	Pass
5	6972.200	51.36	-0.96	74.0	22.64	Peak	339.00	100	Horizontal	Pass
5**	6972.200	42.21	-0.96	54.0	11.79	AV	339.00	100	Horizontal	Pass
6	16763.099	52.52	6.05	74.0	21.48	Peak	58.00	400	Horizontal	Pass
6**	16763.099	42.62	6.05	54.0	11.38	AV	58.00	400	Horizontal	Pass

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



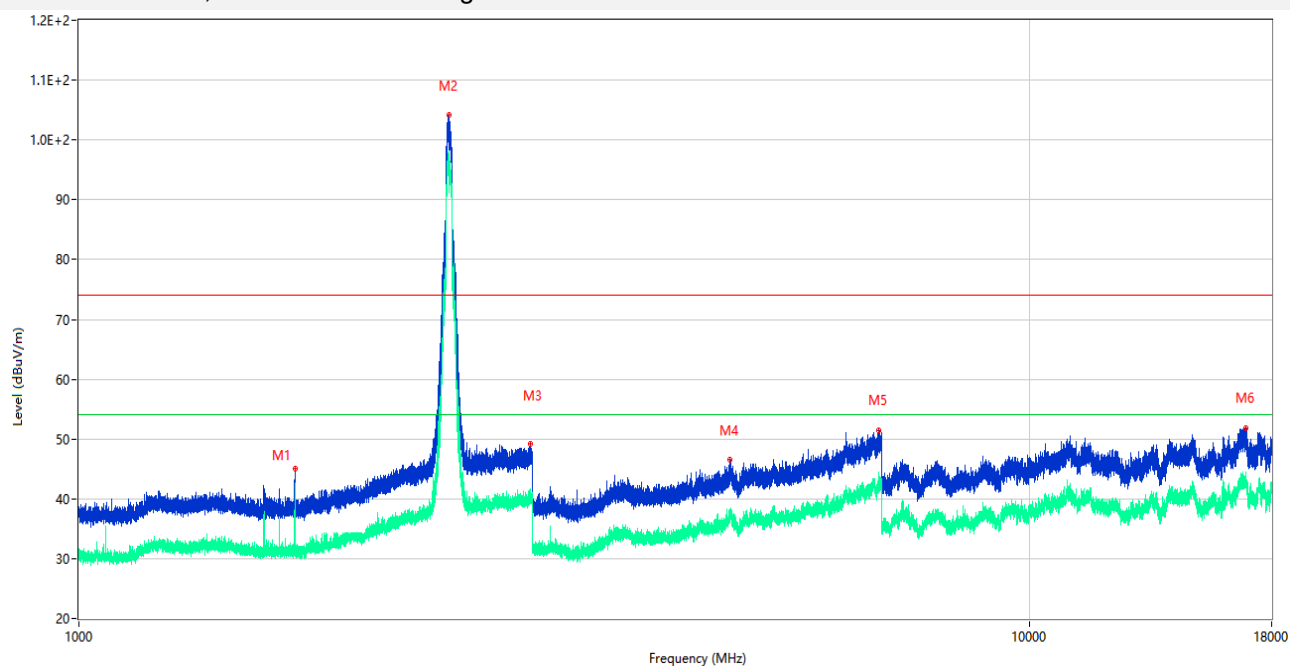
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.500	43.68	-18.92	74.0	30.32	Peak	0.00	100	Vertical	Pass
1**	1687.500	39.74	-18.92	54.0	14.26	AV	0.00	100	Vertical	Pass
2	2440.800	103.88	-13.65	74.0	-29.88	Peak	87.00	100	Vertical	N/A
2**	2440.800	96.75	-13.65	54.0	-42.75	AV	87.00	100	Vertical	N/A
3	3705.400	42.99	-8.53	74.0	31.01	Peak	0.00	150	Vertical	Pass
3**	3705.400	33.64	-8.53	54.0	20.36	AV	0.00	150	Vertical	Pass
4	4848.800	46.43	-6.19	74.0	27.57	Peak	292.00	100	Vertical	Pass
4**	4848.800	37.95	-6.19	54.0	16.05	AV	292.00	100	Vertical	Pass
5	7971.750	48.92	-1.05	74.0	25.08	Peak	108.00	150	Vertical	Pass
5**	7971.750	37.75	-1.05	54.0	16.25	AV	108.00	150	Vertical	Pass
6	16704.301	52.77	6.71	74.0	21.23	Peak	38.00	150	Vertical	Pass
6**	16704.301	43.74	6.71	54.0	10.26	AV	38.00	150	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	1687.300	43.78	-18.91	74.0	30.22	Peak	74.00	300	Horizontal	Pass
1**	1687.300	39.41	-18.91	54.0	14.59	AV	74.00	300	Horizontal	Pass
2	2450.800	103.78	-14.32	74.0	-29.78	Peak	162.00	150	Horizontal	N/A
2**	2450.800	96.81	-14.32	54.0	-42.81	AV	162.00	150	Horizontal	N/A
3	2985.200	48.82	-11.09	74.0	25.18	Peak	147.00	150	Horizontal	Pass
3**	2985.200	40.22	-11.09	54.0	13.78	AV	147.00	150	Horizontal	Pass
4	4852.200	46.63	-6.22	74.0	27.37	Peak	293.00	300	Horizontal	Pass
4**	4852.200	37.38	-6.22	54.0	16.62	AV	293.00	300	Horizontal	Pass
5	6860.600	51.30	-0.93	74.0	22.70	Peak	37.00	100	Horizontal	Pass
5**	6860.600	42.34	-0.93	54.0	11.66	AV	37.00	100	Horizontal	Pass
6	16771.238	51.85	6.02	74.0	22.15	Peak	71.00	400	Horizontal	Pass
6**	16771.238	43.62	6.02	54.0	10.38	AV	71.00	400	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	1687.600	44.99	-18.92	74.0	29.01	Peak	29.00	400	Vertical	Pass
1**	1687.600	41.84	-18.92	54.0	12.16	AV	29.00	400	Vertical	Pass
2	2450.500	104.15	-14.28	74.0	-30.15	Peak	90.00	200	Vertical	N/A
2**	2450.500	96.54	-14.28	54.0	-42.54	AV	90.00	200	Vertical	N/A
3	2988.500	49.25	-11.12	74.0	24.75	Peak	360.00	200	Vertical	Pass
3**	2988.500	39.79	-11.12	54.0	14.21	AV	360.00	200	Vertical	Pass
4	4843.000	46.54	-6.48	74.0	27.46	Peak	263.00	400	Vertical	Pass
4**	4843.000	37.89	-6.48	54.0	16.11	AV	263.00	400	Vertical	Pass
5	6950.800	51.52	-1.44	74.0	22.48	Peak	343.00	300	Vertical	Pass
5**	6950.800	42.16	-1.44	54.0	11.84	AV	343.00	300	Vertical	Pass
6	16917.975	51.87	6.80	74.0	22.13	Peak	360.00	300	Vertical	Pass
6**	16917.975	43.53	6.80	54.0	10.47	AV	360.00	300	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.

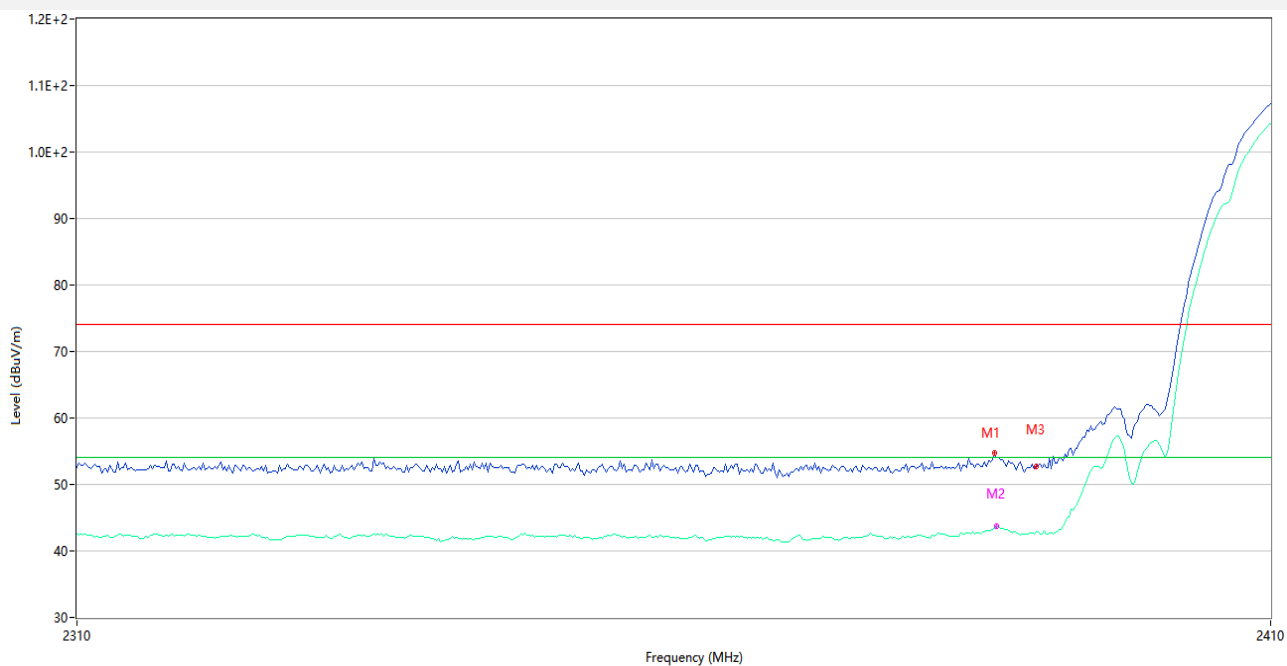
Note ³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: All antenna were pre tested, but only the worst case has been reported in this report.

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

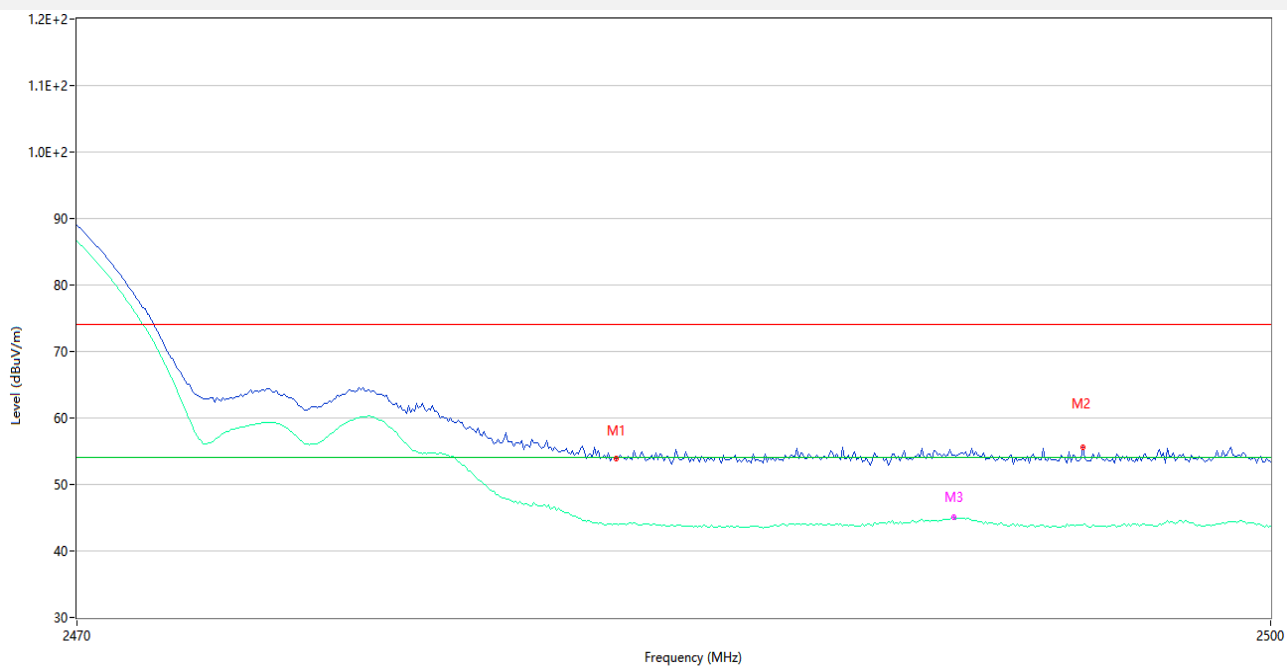
Test Data and Plots

802.11b LOW CHANNEL



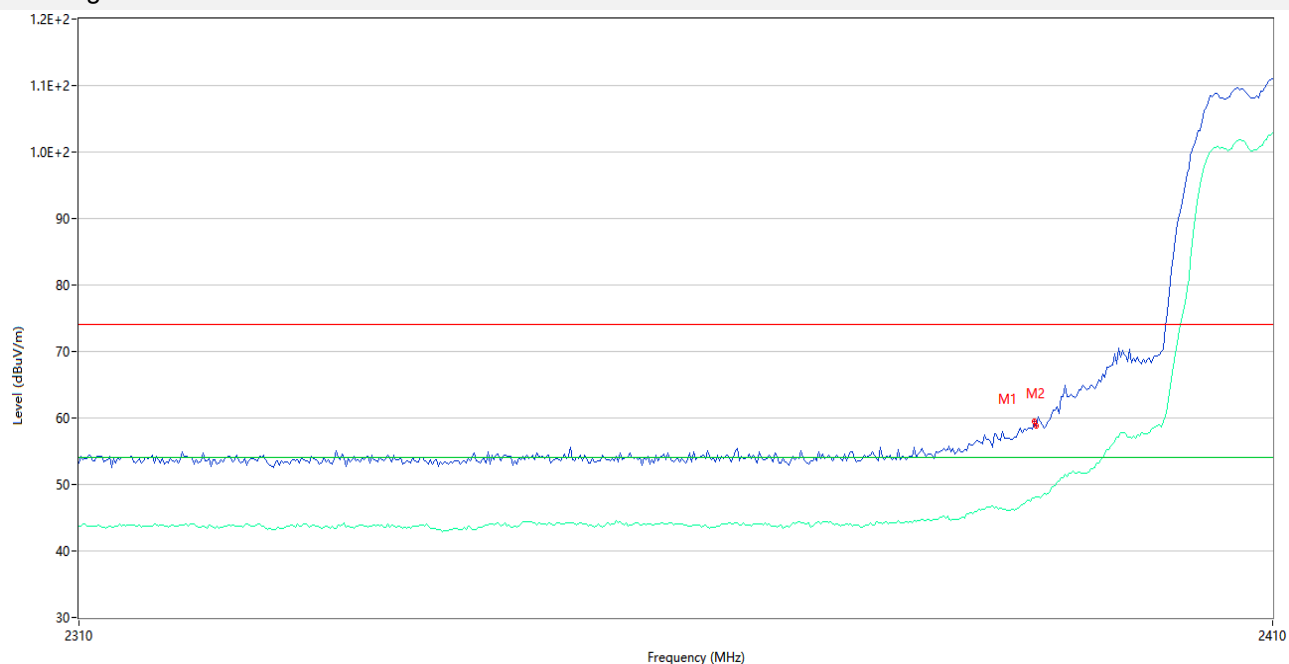
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.500	54.68	-1.55	74.0	19.32	Peak	263.00	100	Horizontal	Pass
1**	2386.500	43.32	-1.55	54.0	10.68	AV	263.00	100	Horizontal	Pass
2	2386.667	54.00	-1.54	74.0	20.00	Peak	216.00	100	Horizontal	Pass
2**	2386.667	43.68	-1.54	54.0	10.32	AV	216.00	100	Horizontal	Pass
3	2390.000	52.64	-2.16	74.0	21.36	Peak	111.00	100	Horizontal	Pass
3**	2390.000	42.86	-2.16	54.0	11.14	AV	111.00	100	Horizontal	Pass

802.11b HIGH CHANNEL



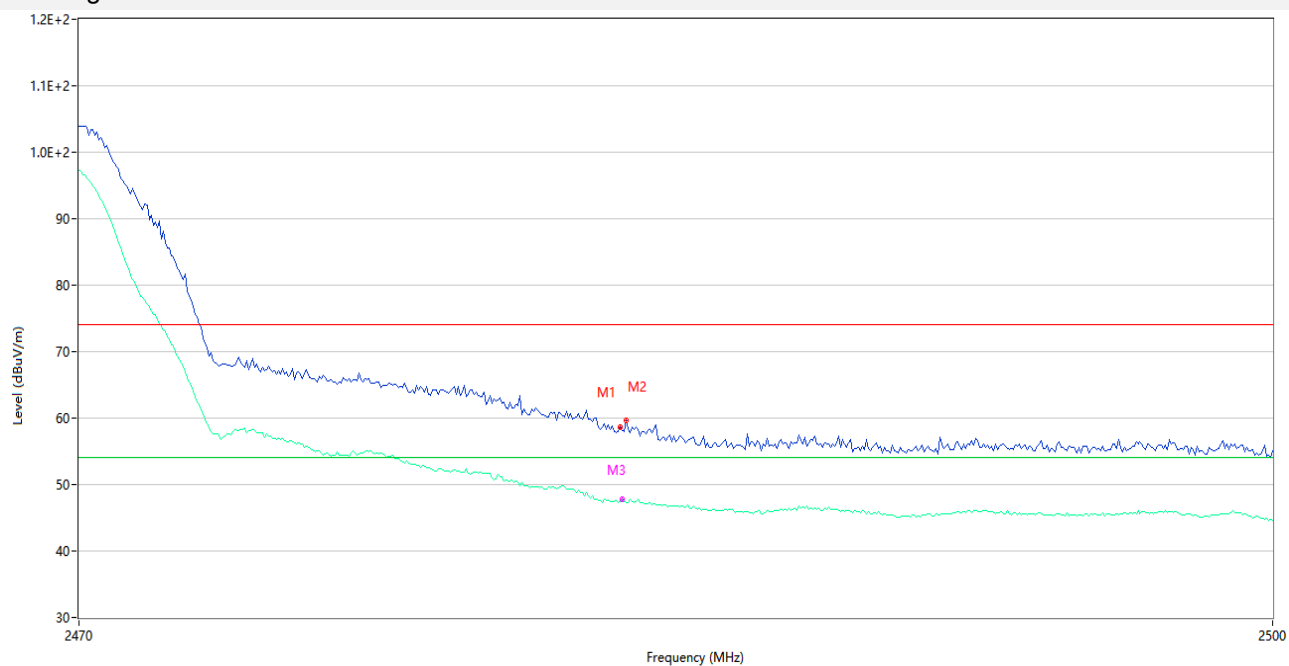
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.92	-1.04	74.0	20.08	Peak	144.00	300	Horizontal	Pass
1**	2483.500	44.10	-1.04	54.0	9.90	AV	144.00	300	Horizontal	Pass
2	2495.250	55.63	-1.53	74.0	18.37	Peak	156.00	200	Horizontal	Pass
2**	2495.250	43.87	-1.53	54.0	10.13	AV	156.00	200	Horizontal	Pass
3	2492.000	54.47	-1.06	74.0	19.53	Peak	152.00	300	Horizontal	Pass
3**	2492.000	45.10	-1.06	54.0	8.90	AV	152.00	300	Horizontal	Pass

802.11g LOW CHANNEL



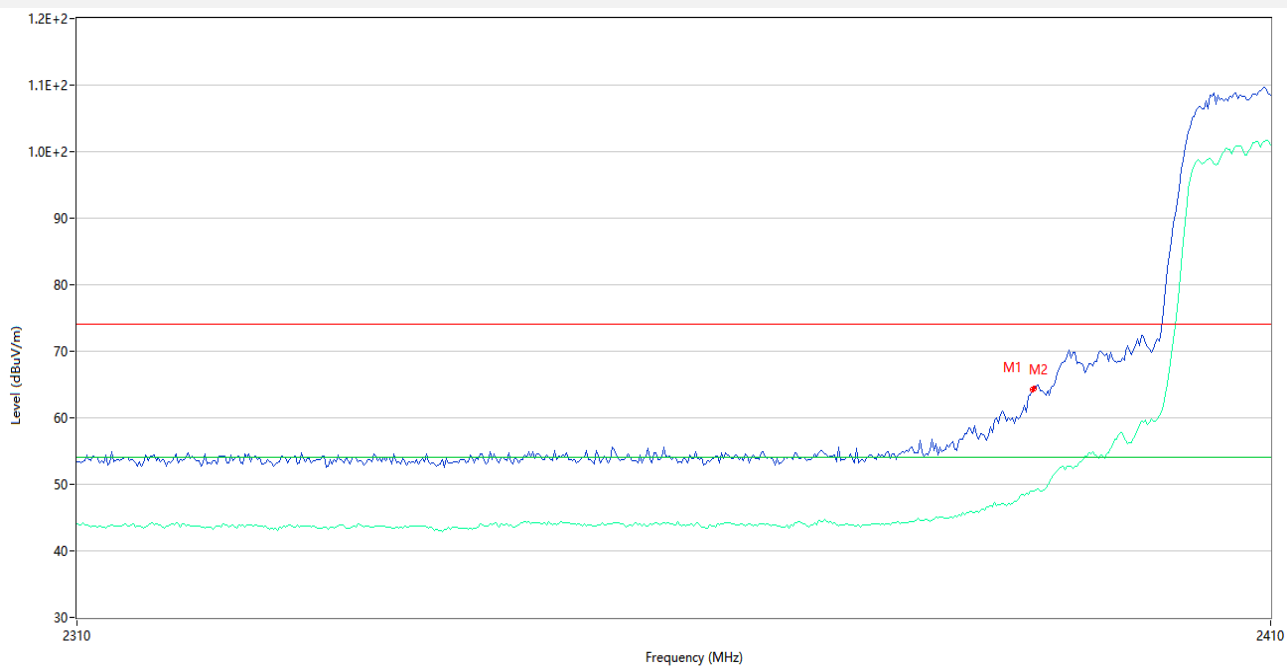
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	59.50	-2.07	74.0	14.50	Peak	149.00	200	Horizontal	Pass
1**	2389.667	47.91	-2.07	54.0	6.09	AV	149.00	200	Horizontal	Pass
2	2390.000	58.76	-2.11	74.0	15.24	Peak	113.00	200	Horizontal	Pass
2**	2390.000	48.10	-2.11	54.0	5.90	AV	113.00	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	58.73	-1.03	74.0	15.27	Peak	247.00	400	Horizontal	Pass
1**	2483.500	47.51	-1.03	54.0	6.49	AV	247.00	400	Horizontal	Pass
2	2483.700	59.67	-1.00	74.0	14.33	Peak	138.00	400	Horizontal	Pass
2**	2483.700	47.35	-1.00	54.0	6.65	AV	138.00	400	Horizontal	Pass
3	2483.600	58.12	-1.02	74.0	15.88	Peak	86.00	400	Horizontal	Pass
3**	2483.600	47.82	-1.02	54.0	6.18	AV	86.00	400	Horizontal	Pass

802.11n20 LOW CHANNEL



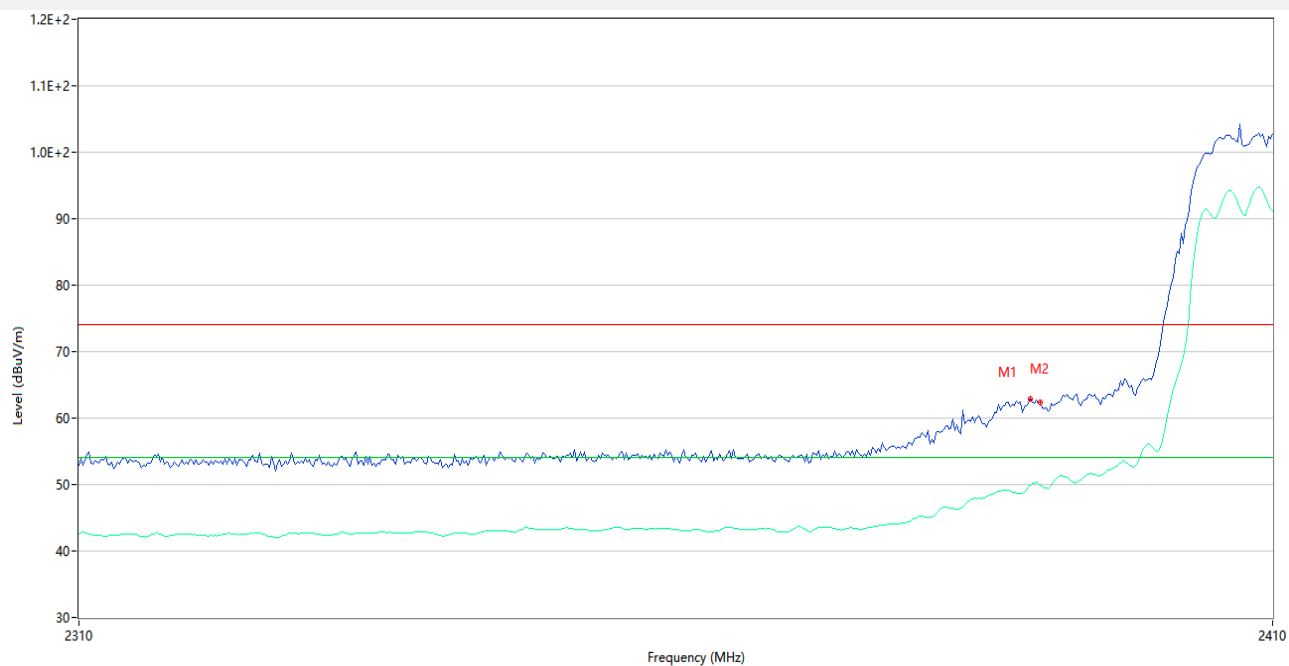
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	64.26	-2.07	74.0	9.74	Peak	145.00	300	Horizontal	Pass
1**	2389.667	48.94	-2.07	54.0	5.06	AV	145.00	300	Horizontal	Pass
2	2390.000	64.47	-2.11	74.0	9.53	Peak	156.00	100	Horizontal	Pass
2**	2390.000	49.02	-2.11	54.0	4.98	AV	156.00	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	61.24	-1.03	74.0	12.76	Peak	92.00	100	Horizontal	Pass
1**	2483.500	47.79	-1.03	54.0	6.21	AV	92.00	100	Horizontal	Pass
2	2485.300	61.70	-1.23	74.0	12.30	Peak	92.00	100	Horizontal	Pass
2**	2485.300	46.56	-1.23	54.0	7.44	AV	92.00	100	Horizontal	Pass
3	2483.650	59.44	-1.01	74.0	14.56	Peak	108.00	300	Horizontal	Pass
3**	2483.650	48.34	-1.01	54.0	5.66	AV	108.00	300	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	62.83	-2.00	74.0	11.17	Peak	149.00	100	Horizontal	Pass
1**	2389.333	49.89	-2.00	54.0	4.11	AV	149.00	100	Horizontal	Pass
2	2390.167	62.42	-2.20	74.0	11.58	Peak	149.00	100	Horizontal	Pass
2**	2390.167	49.87	-2.20	54.0	4.13	AV	149.00	100	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	60.40	-1.03	74.0	13.60	Peak	225.00	100	Horizontal	Pass
1**	2483.500	48.55	-1.03	54.0	5.45	AV	225.00	100	Horizontal	Pass
2	2484.100	62.67	-1.04	74.0	11.33	Peak	225.00	100	Horizontal	Pass
2**	2484.100	49.32	-1.04	54.0	4.68	AV	225.00	100	Horizontal	Pass
3	2484.250	60.83	-1.06	74.0	13.17	Peak	106.00	100	Horizontal	Pass
3**	2484.250	50.26	-1.06	54.0	3.74	AV	106.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note ¹: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.75	8
Middle	-11.03	8
High	-9.26	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.39	8
Middle	-13.37	8
High	-12.19	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.51	8
Middle	-13.08	8
High	-12.06	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.92	8
Middle	-16.44	8
High	-15.94	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.03	8
Middle	-9.58	8
High	-11.46	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.60	8
Middle	-12.77	8
High	-12.90	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.56	8
Middle	-8.91	8
High	-9.95	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.50	8
Middle	-15.68	8
High	-15.35	8

MIMO

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.33	8
Middle	-7.23	8
High	-7.21	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.76	8
Middle	-10.05	8
High	-9.52	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.41	8
Middle	-7.50	8
High	-7.87	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.69	8
Middle	-13.03	8
High	-12.62	8

Test Plots

Main Antenna

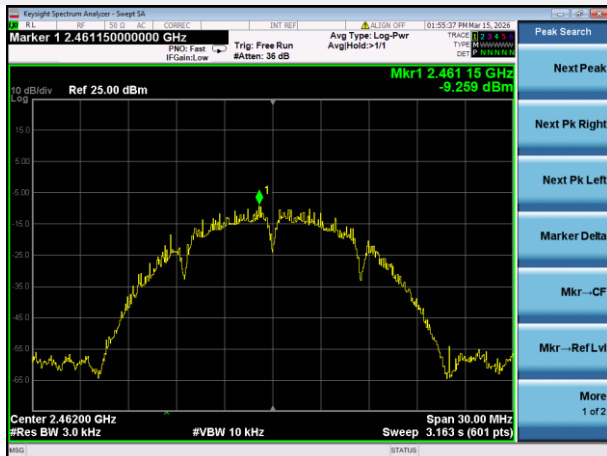
802.11b LOW CHANNEL



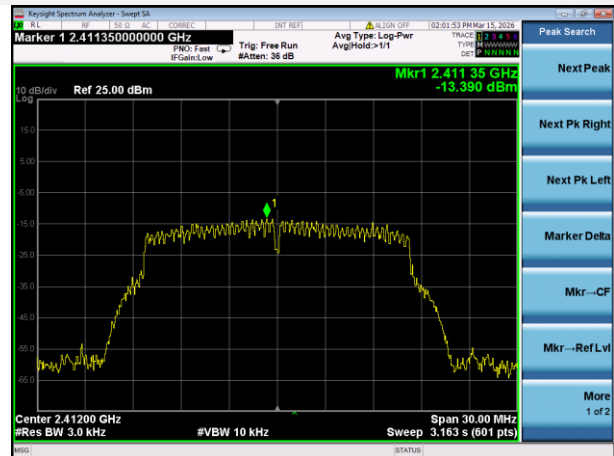
802.11b MIDDLE CHANNEL



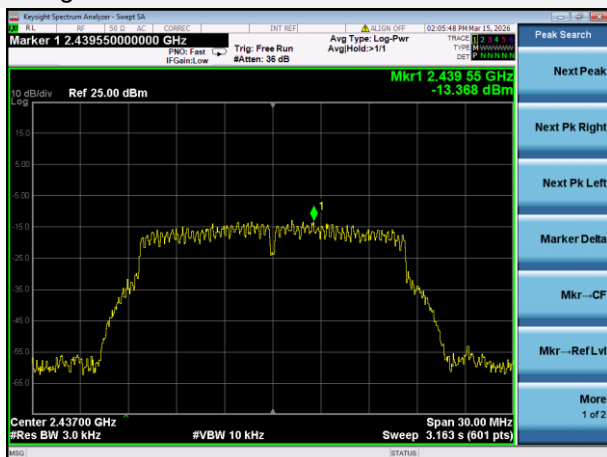
802.11b HIGH CHANNEL



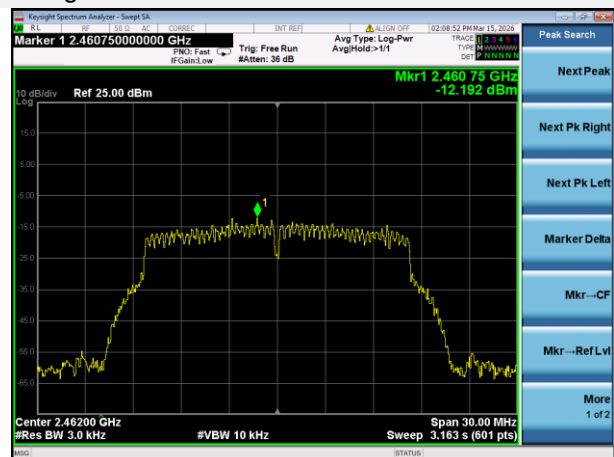
802.11g LOW CHANNEL



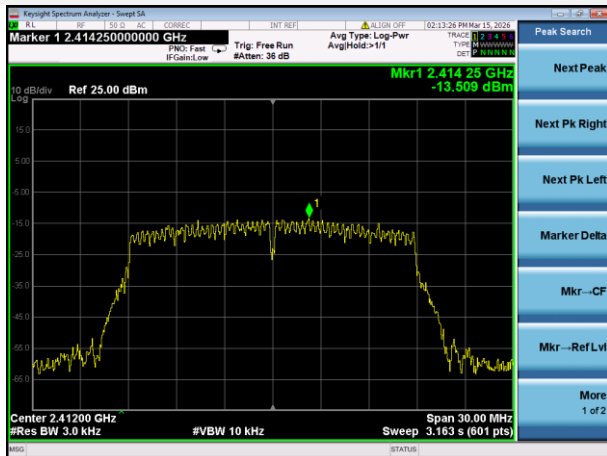
802.11g MIDDLE CHANNEL



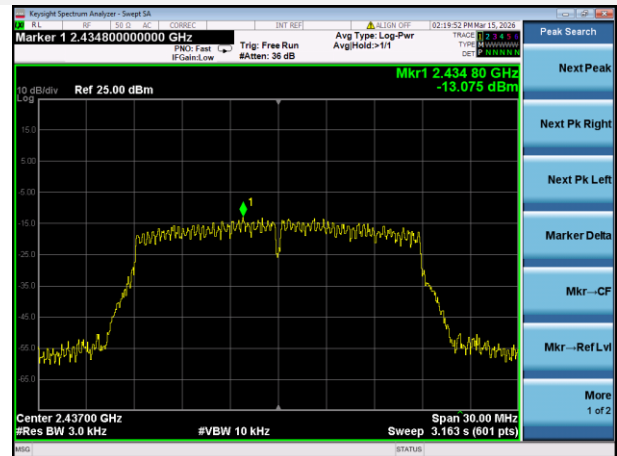
802.11g HIGH CHANNEL



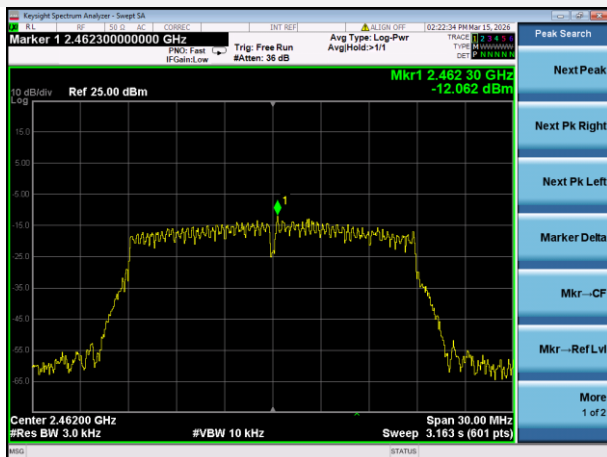
802.11n-20 MHz LOW CHANNEL



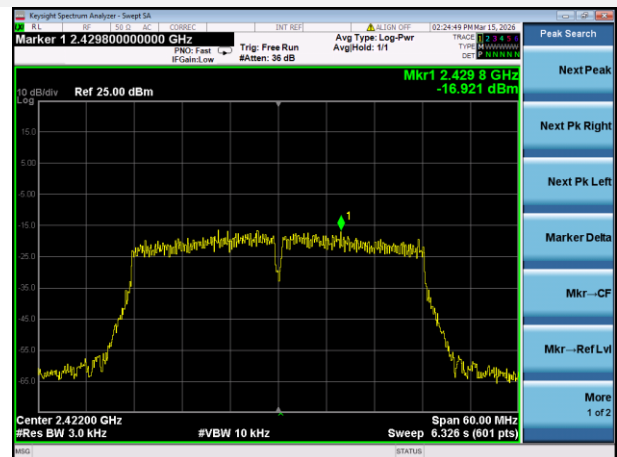
802.11n-20 MHz MIDDLE CHANNEL



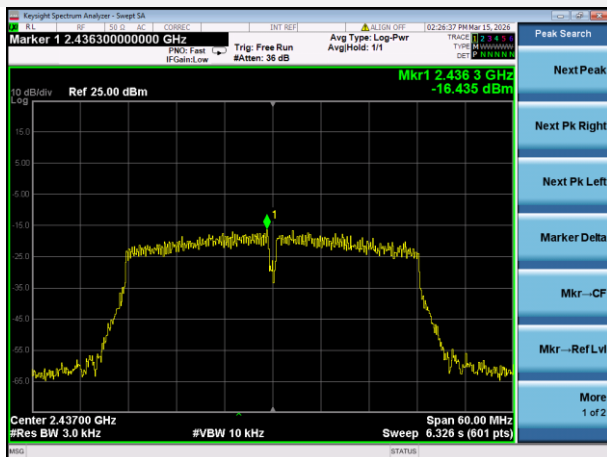
802.11n-20 MHz HIGH CHANNEL



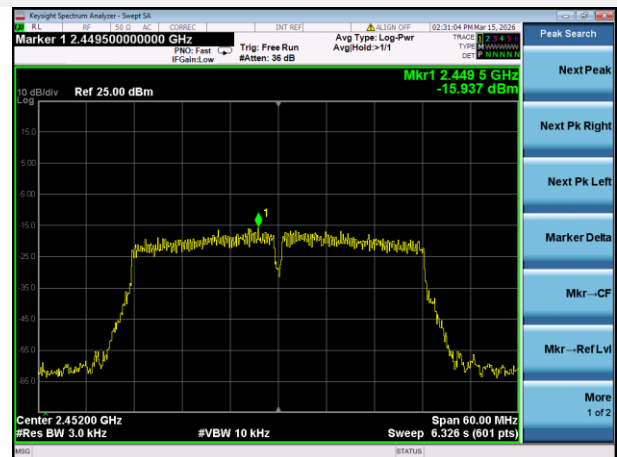
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL

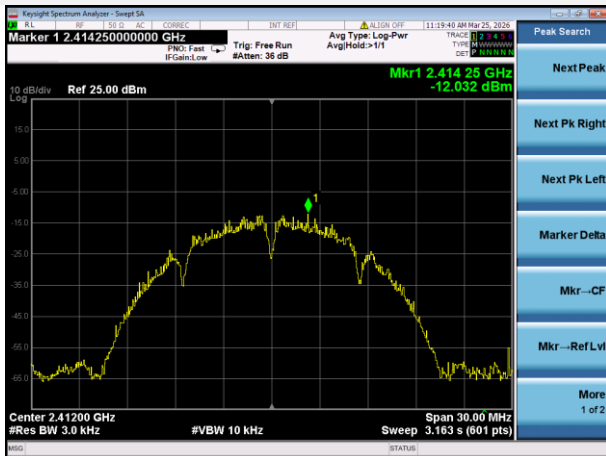


802.11n-40 MHz HIGH CHANNEL

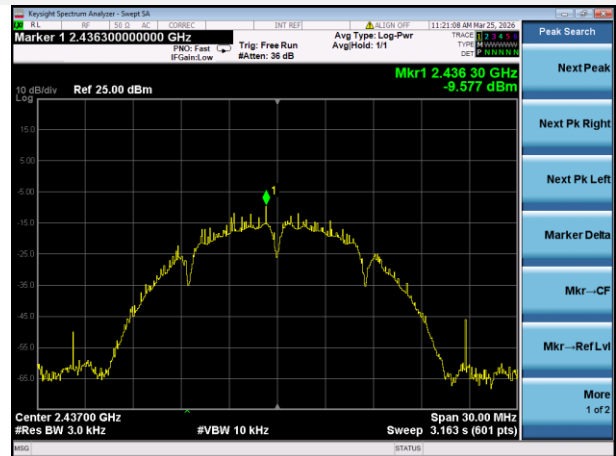


Aux. Antenna

802.11b LOW CHANNEL



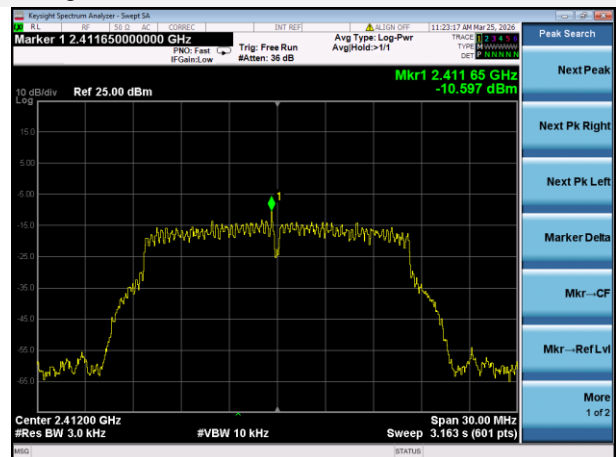
802.11b MIDDLE CHANNEL



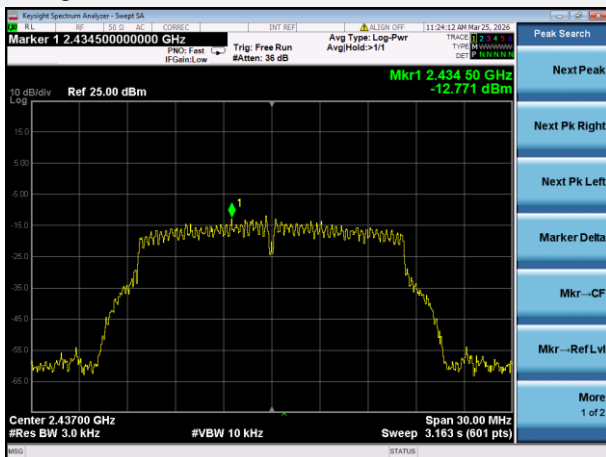
802.11b HIGH CHANNEL



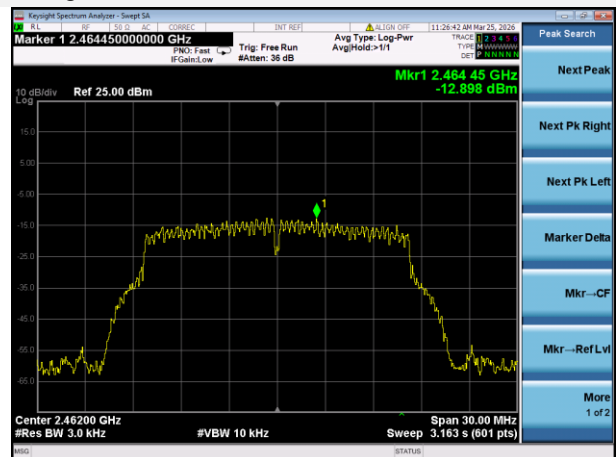
802.11g LOW CHANNEL



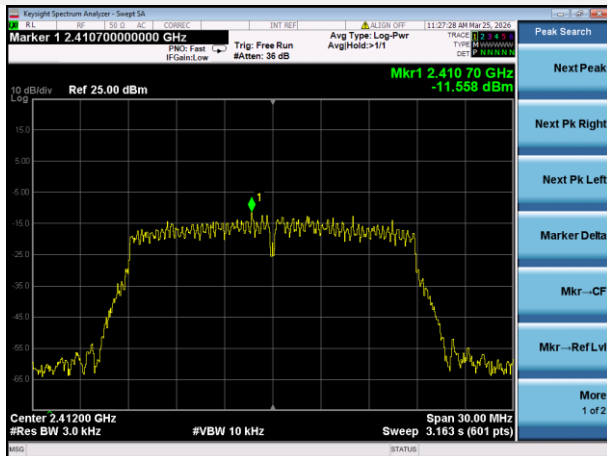
802.11g MIDDLE CHANNEL



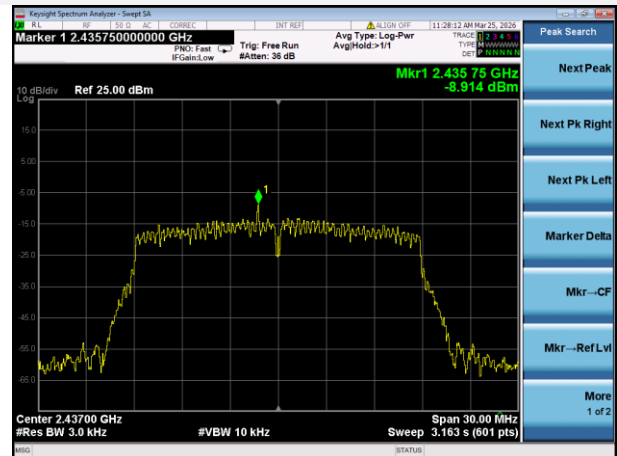
802.11g HIGH CHANNEL



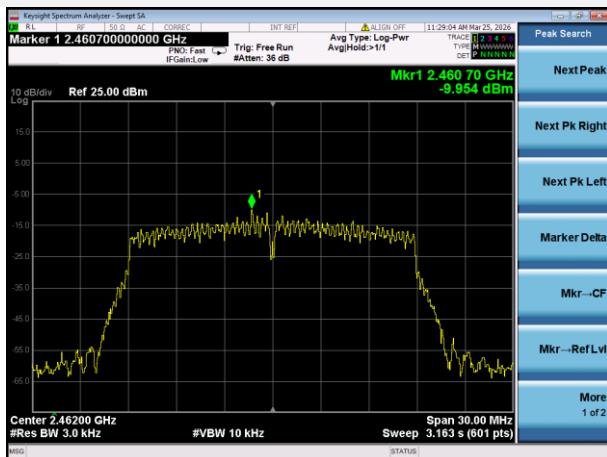
802.11n-20 MHz LOW CHANNEL



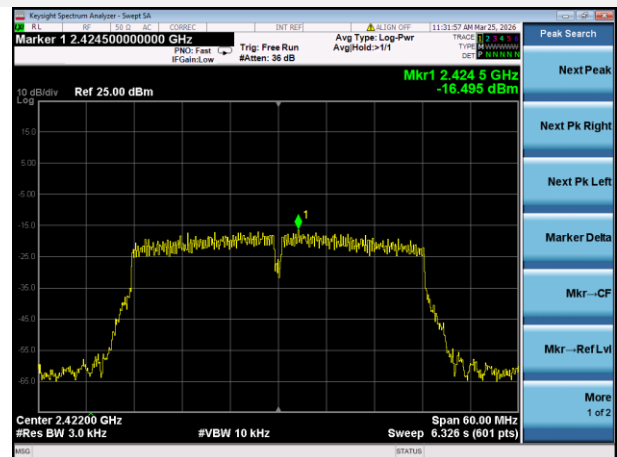
802.11n-20 MHz MIDDLE CHANNEL



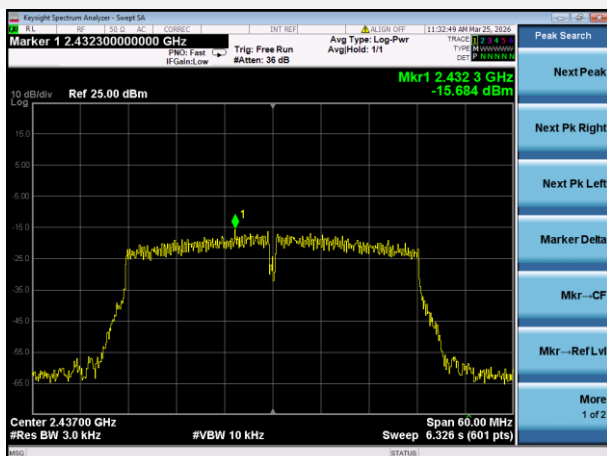
802.11n-20 MHz HIGH CHANNEL



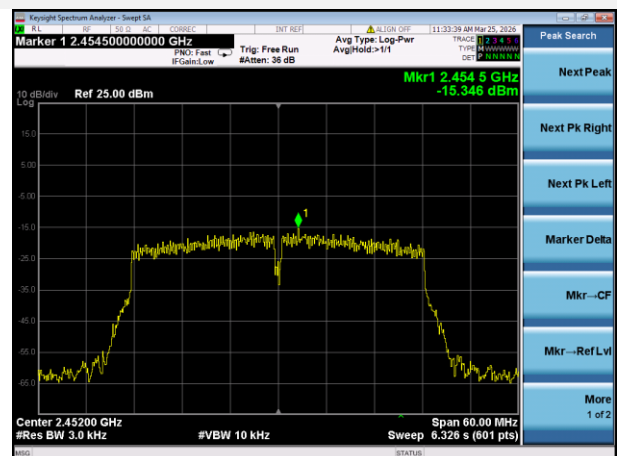
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26020210-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26020210-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26020210-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.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--