

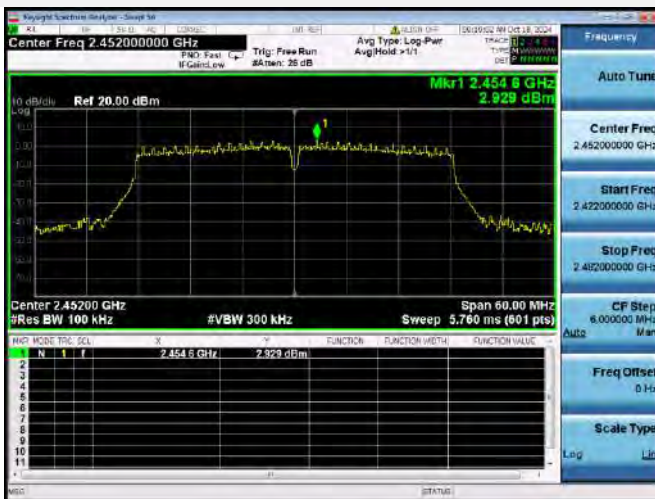
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



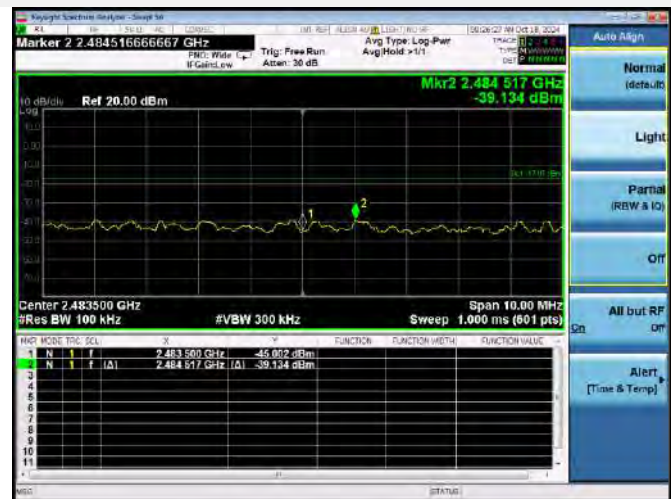
802.11n-40 MHz LOW CHANNEL, BAND EDGE



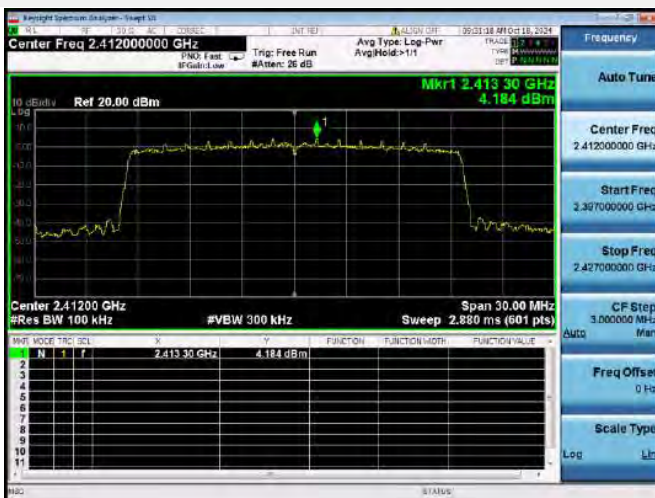
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



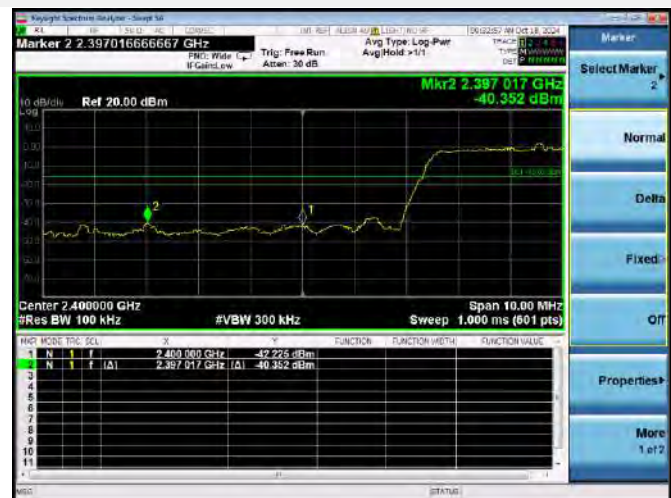
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



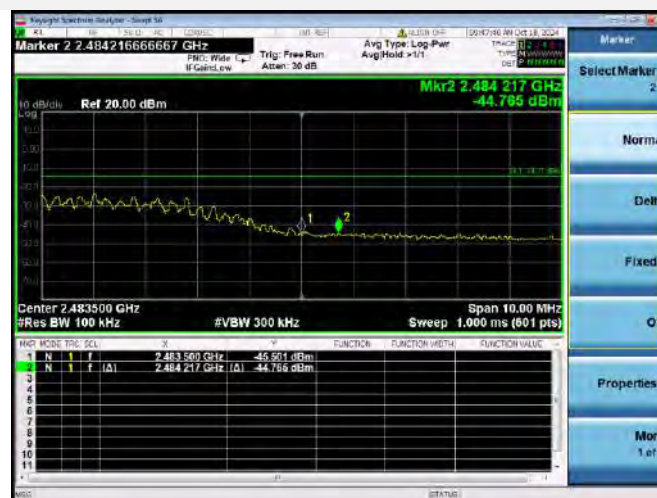
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



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



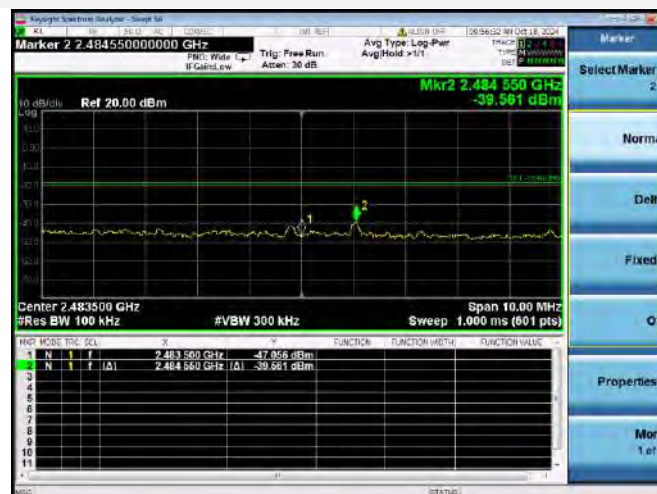
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



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



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



A.5 Conducted Emission

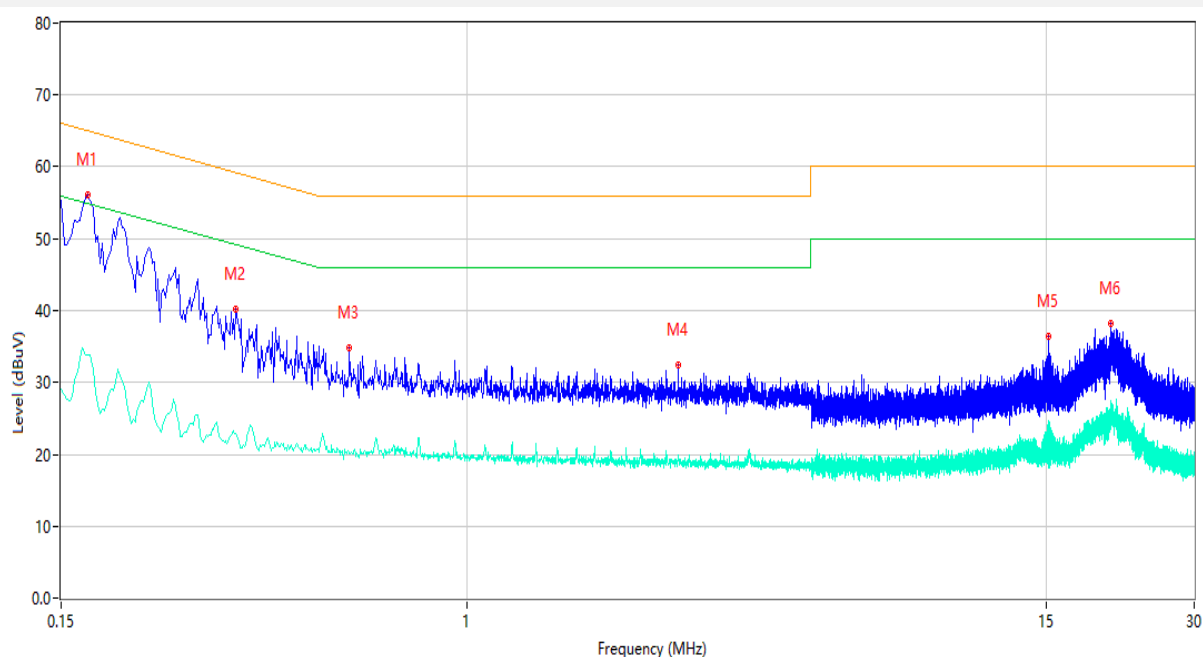
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

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

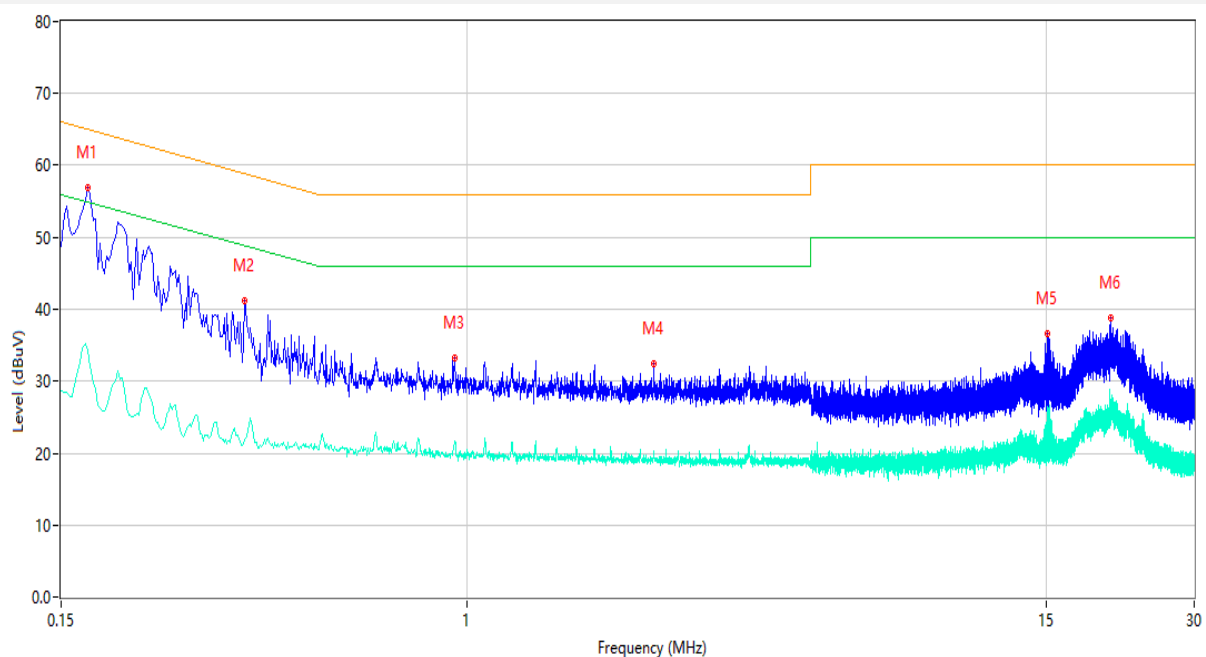
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.170	56.17	9.75	64.96	8.79	Peak	L	Pass
1**	0.170	33.76	9.75	54.96	21.20	AV	L	Pass
2	0.340	40.24	9.74	59.20	18.96	Peak	L	Pass
2**	0.340	22.91	9.74	49.20	26.29	AV	L	Pass
3	0.578	34.88	9.73	56.00	21.12	Peak	L	Pass
3**	0.578	20.07	9.73	46.00	25.93	AV	L	Pass
4	2.688	32.44	9.67	56.00	23.56	Peak	L	Pass
4**	2.688	19.79	9.67	46.00	26.21	AV	L	Pass
5	15.192	36.40	9.24	60.00	23.60	Peak	L	Pass
5**	15.192	23.03	9.24	50.00	26.97	AV	L	Pass
6	20.278	38.24	8.93	60.00	21.76	Peak	L	Pass
6**	20.278	25.12	8.93	50.00	24.88	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.170	56.92	9.72	64.96	8.04	Peak	N	Pass
1**	0.170	34.18	9.72	54.96	20.78	AV	N	Pass
2	0.354	41.10	9.77	58.87	17.77	Peak	N	Pass
2**	0.354	21.90	9.77	48.87	26.97	AV	N	Pass
3	0.944	33.30	9.86	56.00	22.70	Peak	N	Pass
3**	0.944	21.73	9.86	46.00	24.27	AV	N	Pass
4	2.396	32.35	9.86	56.00	23.65	Peak	N	Pass
4**	2.396	20.16	9.86	46.00	25.84	AV	N	Pass
5	15.078	36.70	9.51	60.00	23.30	Peak	N	Pass
5**	15.078	26.50	9.51	50.00	23.50	AV	N	Pass
6	20.262	38.87	9.12	60.00	21.13	Peak	N	Pass
6**	20.262	26.09	9.12	50.00	23.91	AV	N	Pass

A.6 Radiated Emission

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

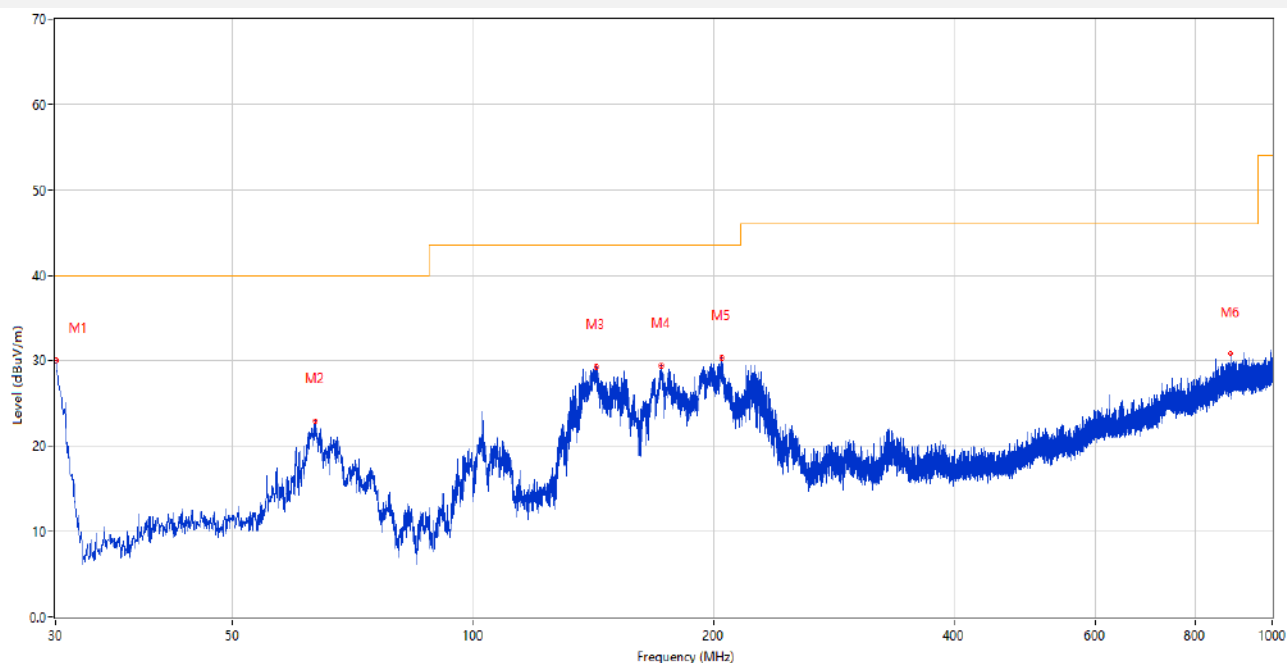
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: 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

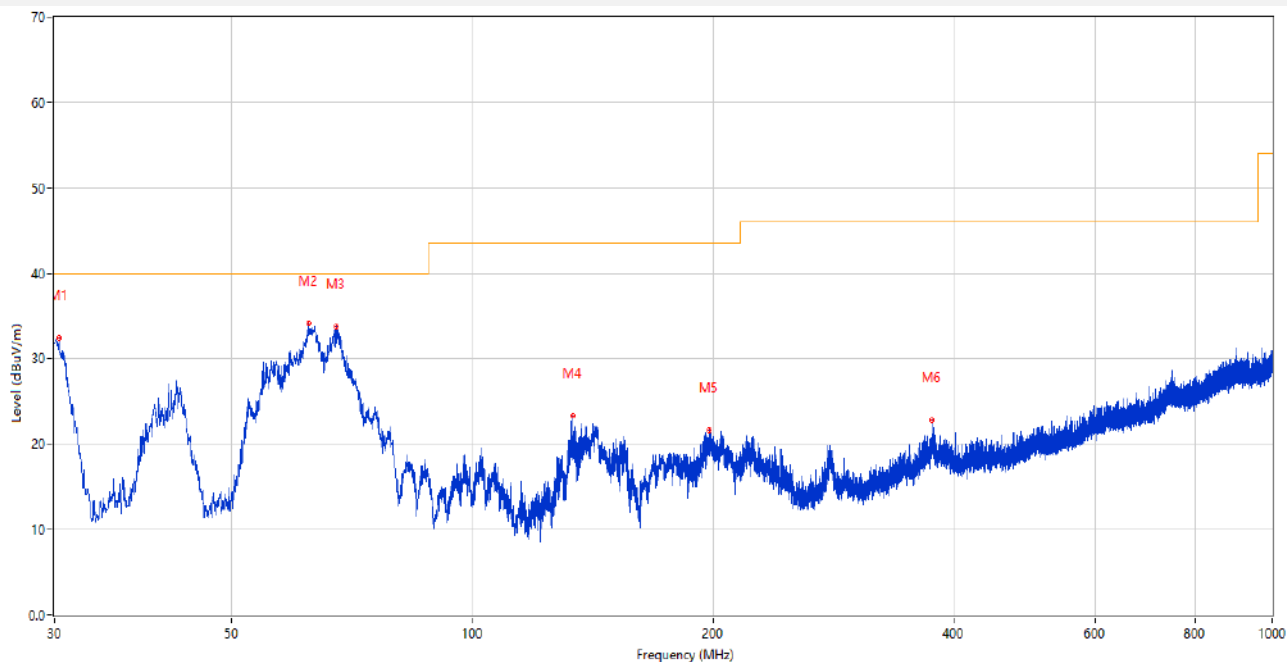
Main Antenna:

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	30.049	30.09	-28.89	40.0	9.91	Peak	325.00	100	Horizontal	Pass
2	63.368	22.90	-26.86	40.0	17.10	Peak	148.00	200	Horizontal	Pass
3	142.568	29.24	-29.56	43.5	14.26	Peak	31.00	100	Horizontal	Pass
4	171.911	29.38	-28.32	43.5	14.12	Peak	69.00	200	Horizontal	Pass
5	204.358	30.37	-26.30	43.5	13.13	Peak	57.00	100	Horizontal	Pass
6	886.268	30.89	-9.79	46.0	15.11	Peak	190.00	100	Horizontal	Pass

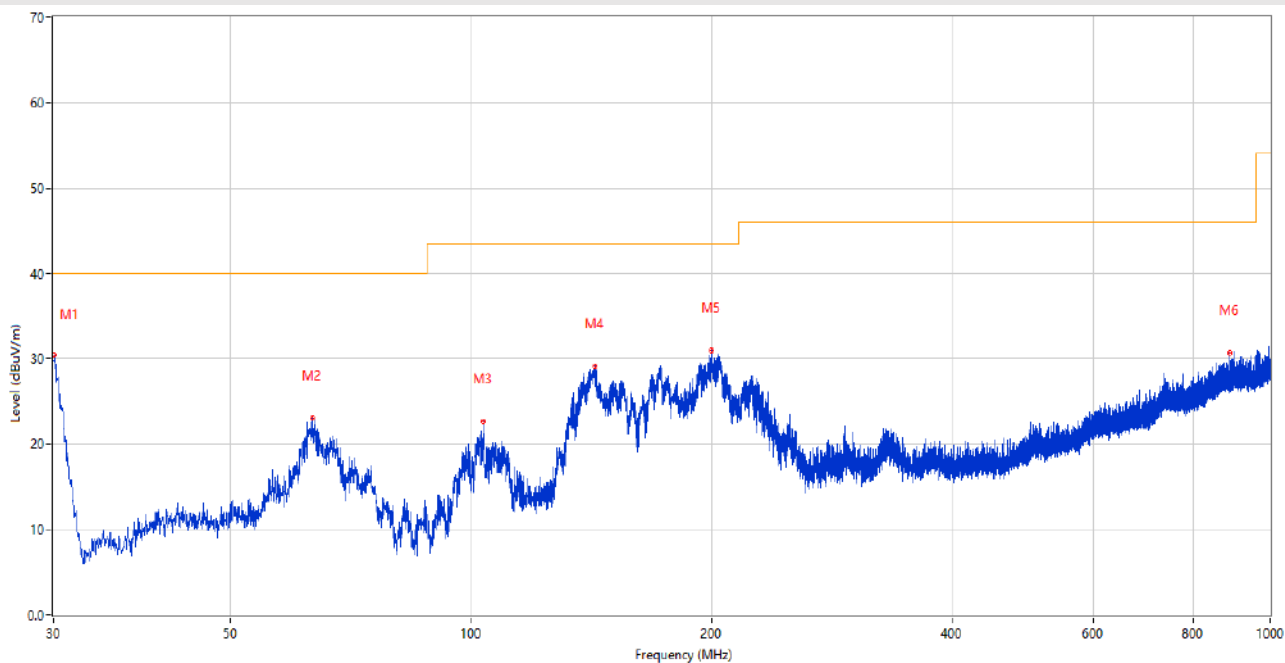
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.388	32.38	-28.96	40.0	7.62	Peak	252.00	100	Vertical	Pass
2	62.349	34.20	-26.60	40.0	5.80	Peak	207.00	200	Vertical	Pass
3	67.588	33.81	-28.19	40.0	6.19	Peak	42.00	100	Vertical	Pass
4	133.596	23.40	-29.24	43.5	20.10	Peak	317.00	100	Vertical	Pass
5	197.762	21.60	-25.62	43.5	21.90	Peak	343.00	200	Vertical	Pass
6	374.932	22.80	-21.22	46.0	23.20	Peak	25.00	100	Vertical	Pass

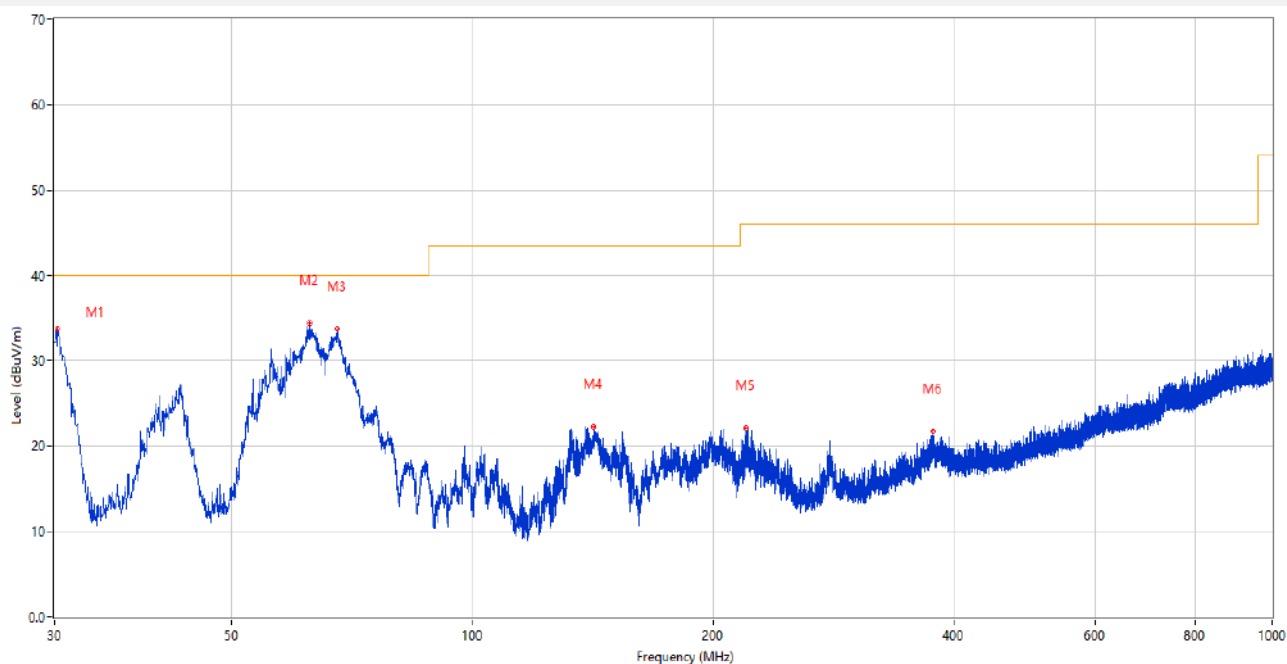
Aux. Antenna:

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	30.097	30.42	-28.90	40.0	9.58	Peak	239.00	100	Horizontal	Pass
2	63.271	23.08	-26.83	40.0	16.92	Peak	181.00	100	Horizontal	Pass
3	103.672	22.63	-26.11	43.5	20.87	Peak	115.00	200	Horizontal	Pass
4	142.860	29.20	-29.57	43.5	14.30	Peak	3.00	100	Horizontal	Pass
5	199.750	30.95	-25.75	43.5	12.55	Peak	66.00	100	Horizontal	Pass
6	889.808	30.72	-9.69	46.0	15.28	Peak	231.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.291	33.69	-28.94	40.0	6.31	Peak	300.00	100	Vertical	Pass
2	62.641	34.45	-26.68	40.0	5.55	Peak	227.00	100	Vertical	Pass
3	67.782	33.70	-28.24	40.0	6.30	Peak	146.00	100	Vertical	Pass
4	141.841	22.27	-29.51	43.5	21.23	Peak	132.00	200	Vertical	Pass
5	219.926	22.16	-25.82	46.0	23.84	Peak	192.00	200	Vertical	Pass
6	376.290	21.70	-21.15	46.0	24.30	Peak	8.00	100	Vertical	Pass

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

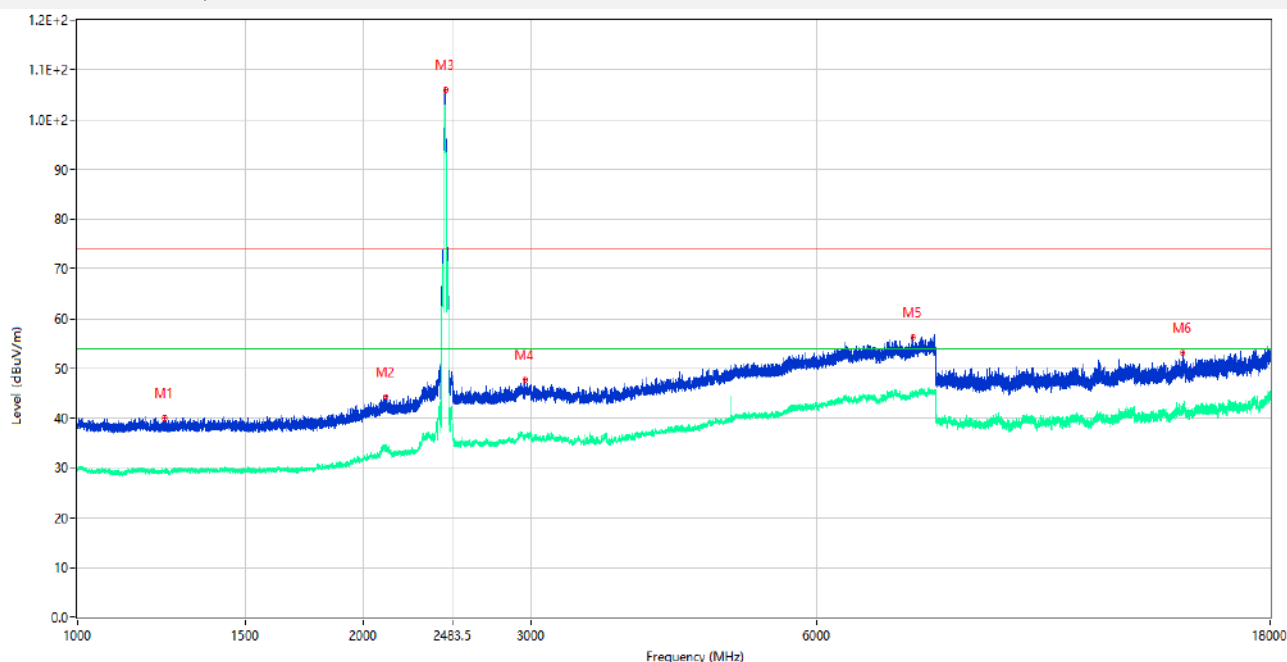
Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: All antenna were pre tested, but only the worst case has been reported in this report.

Note 4: All the configurations were pre tested, only the worst configuration has been reported in this report.

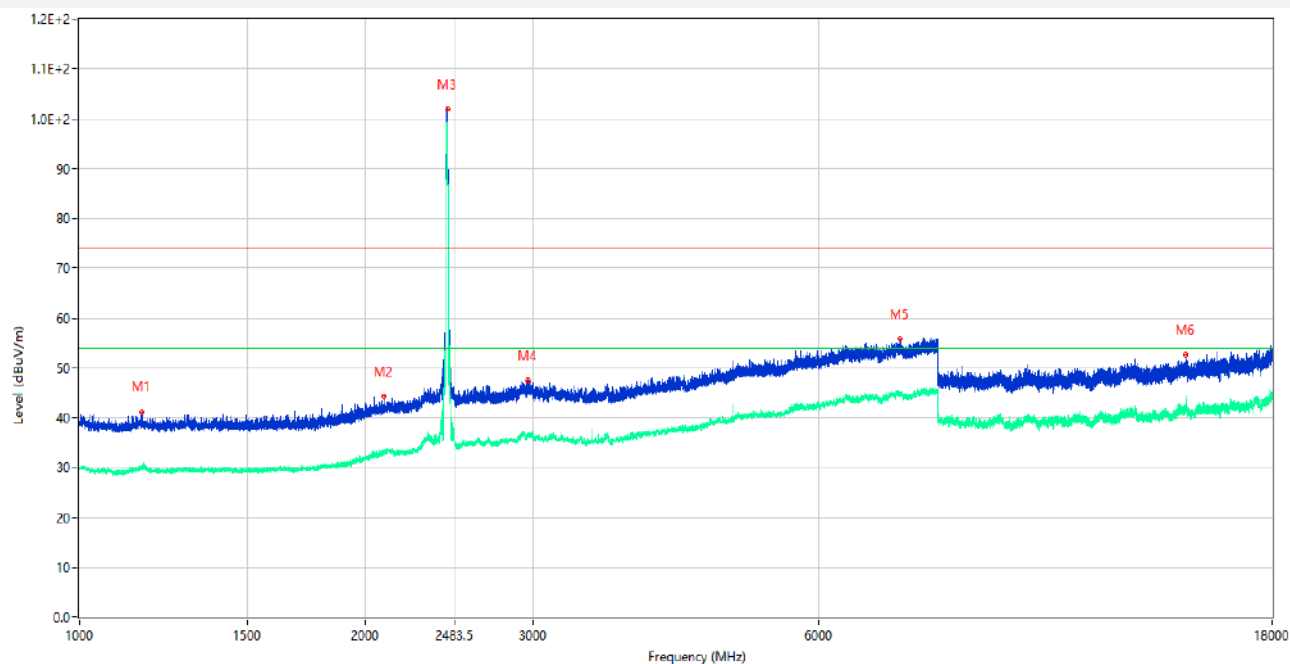
Main Antenna:

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



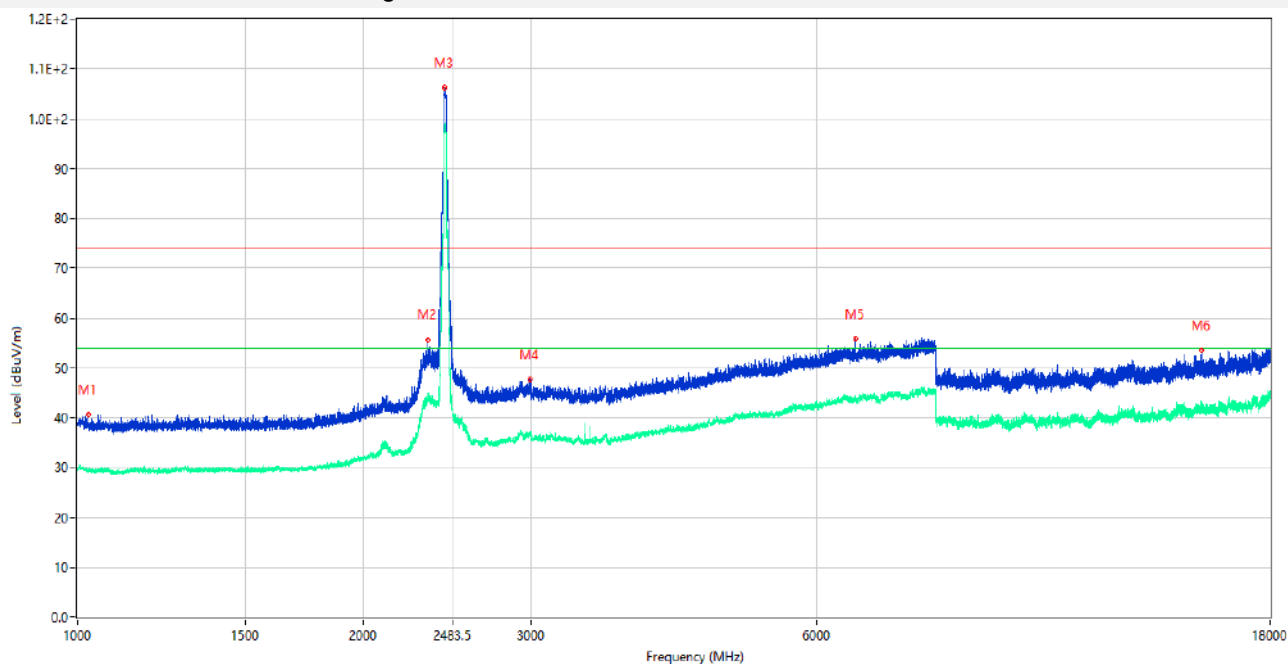
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1234.500	40.03	-15.06	74.0	33.97	Peak	360.00	150	Horizontal	Pass
1**	1234.500	29.30	-15.06	54.0	24.70	AV	360.00	150	Horizontal	Pass
2	2113.750	44.32	-12.39	74.0	29.68	Peak	140.00	150	Horizontal	Pass
2**	2113.750	34.42	-12.39	54.0	19.58	AV	140.00	150	Horizontal	Pass
3	2438.250	105.96	-11.32	74.0	-31.96	Peak	219.00	150	Horizontal	N/A
3**	2438.250	102.90	-11.32	54.0	-48.90	AV	219.00	150	Horizontal	N/A
4	2961.000	47.61	-7.63	74.0	26.39	Peak	38.00	150	Horizontal	Pass
4**	2961.000	36.07	-7.63	54.0	17.93	AV	38.00	150	Horizontal	Pass
5	7567.500	56.20	3.14	74.0	17.80	Peak	264.00	150	Horizontal	Pass
5**	7567.500	44.99	3.14	54.0	9.01	AV	264.00	150	Horizontal	Pass
6	14584.001	53.14	0.58	74.0	20.86	Peak	202.00	150	Horizontal	Pass
6**	14584.001	42.11	0.58	54.0	11.89	AV	202.00	150	Horizontal	Pass

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



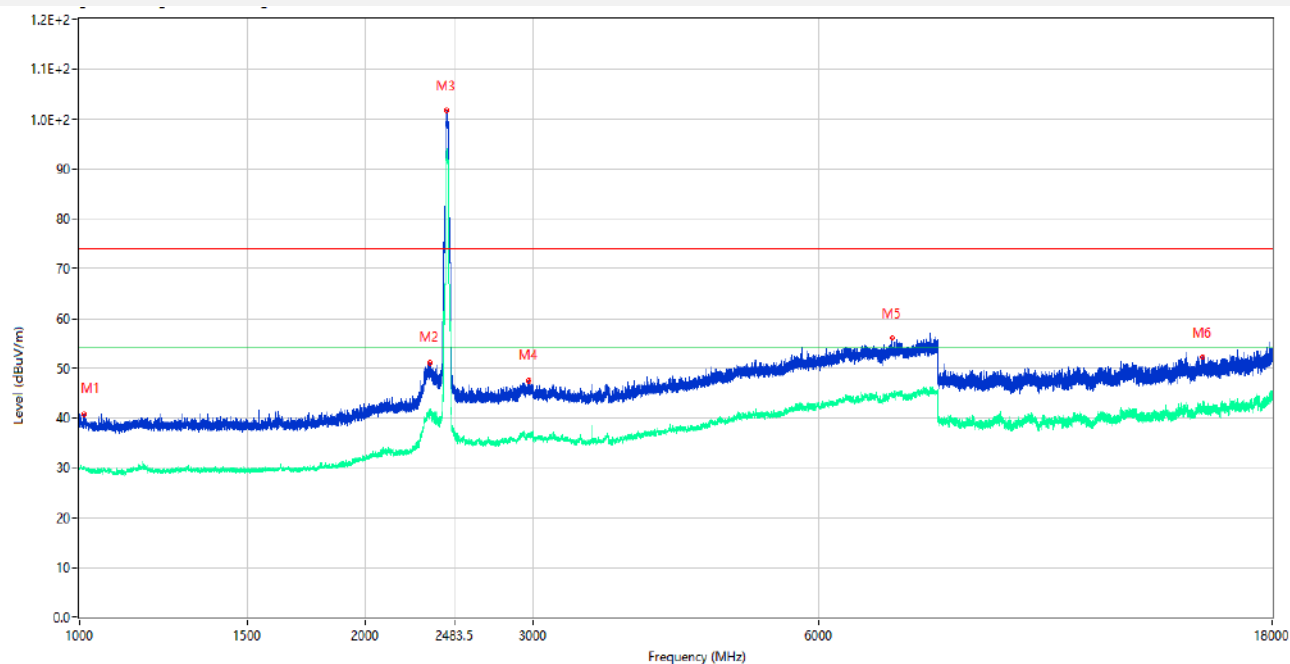
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.250	41.23	-14.50	74.0	32.77	Peak	190.00	150	Vertical	Pass
1**	1164.250	30.33	-14.50	54.0	23.67	AV	190.00	150	Vertical	Pass
2	2094.000	44.26	-12.45	74.0	29.74	Peak	293.00	150	Vertical	Pass
2**	2094.000	32.99	-12.45	54.0	21.01	AV	293.00	150	Vertical	Pass
3	2438.000	102.00	-11.32	74.0	-28.00	Peak	330.00	150	Vertical	N/A
3**	2438.000	98.75	-11.32	54.0	-44.75	AV	330.00	150	Vertical	N/A
4	2967.000	47.40	-7.21	74.0	26.60	Peak	0.00	150	Vertical	Pass
4**	2967.000	36.73	-7.21	54.0	17.27	AV	0.00	150	Vertical	Pass
5	7299.500	55.80	2.79	74.0	18.20	Peak	231.00	150	Vertical	Pass
5**	7299.500	44.72	2.79	54.0	9.28	AV	231.00	150	Vertical	Pass
6	14588.000	52.58	1.00	74.0	21.42	Peak	355.00	150	Vertical	Pass
6**	14588.000	42.51	1.00	54.0	11.49	AV	355.00	150	Vertical	Pass

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



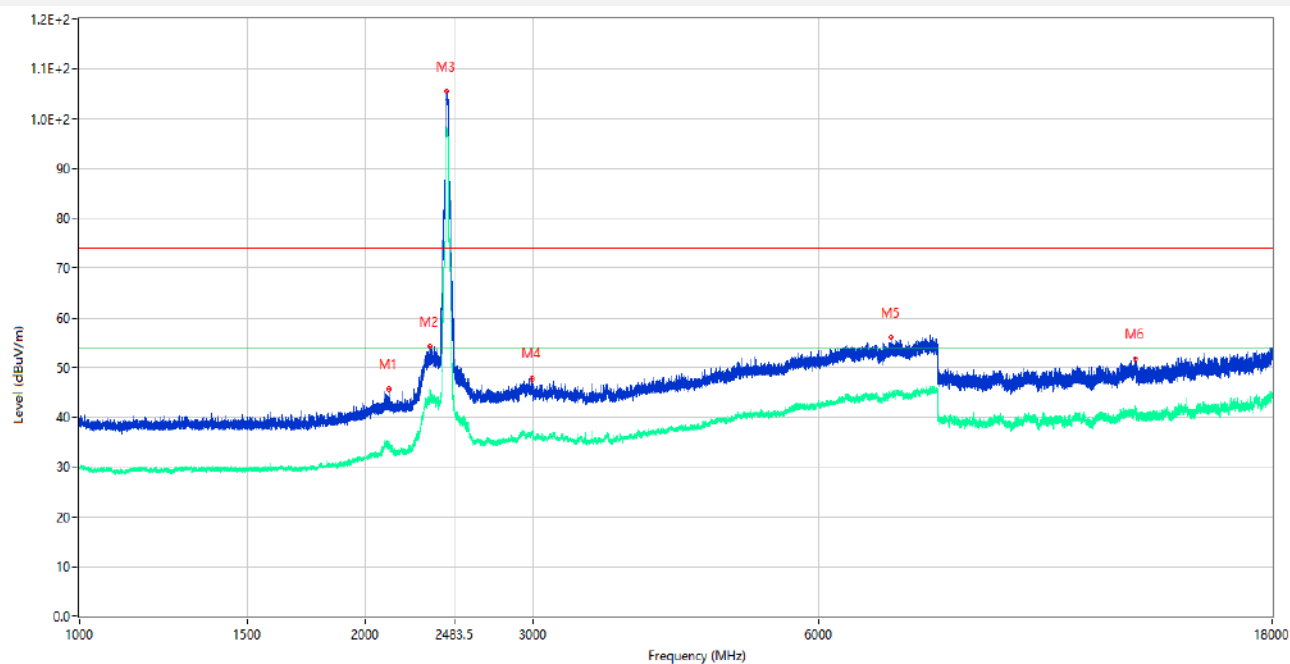
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1027.750	40.57	-14.50	74.0	33.43	Peak	343.00	150	Horizontal	Pass
1**	1027.750	28.97	-14.50	54.0	25.03	AV	343.00	150	Horizontal	Pass
2	2337.500	55.58	-10.66	74.0	18.42	Peak	188.00	150	Horizontal	Pass
2**	2337.500	44.45	-10.66	54.0	9.55	AV	188.00	150	Horizontal	Pass
3	2435.000	106.27	-11.24	74.0	-32.27	Peak	222.00	150	Horizontal	N/A
3**	2435.000	98.33	-11.24	54.0	-44.33	AV	222.00	150	Horizontal	N/A
4	2992.250	47.64	-7.77	74.0	26.36	Peak	0.00	150	Horizontal	Pass
4**	2992.250	36.42	-7.77	54.0	17.58	AV	0.00	150	Horizontal	Pass
5	6583.000	55.84	1.60	74.0	18.16	Peak	319.00	150	Horizontal	Pass
5**	6583.000	43.86	1.60	54.0	10.14	AV	319.00	150	Horizontal	Pass
6	15259.000	53.56	2.26	74.0	20.44	Peak	100.00	150	Horizontal	Pass
6**	15259.000	42.79	2.26	54.0	11.21	AV	100.00	150	Horizontal	Pass

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



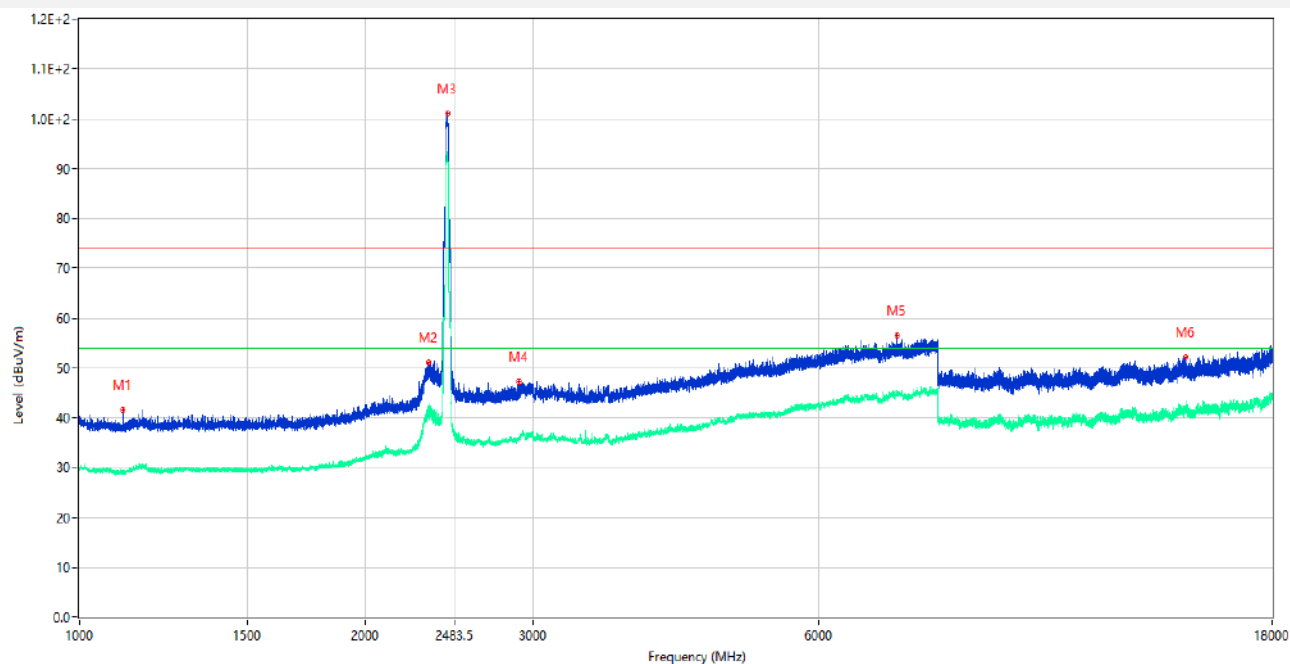
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1012.250	40.74	-13.49	74.0	33.26	Peak	138.00	150	Vertical	Pass
1**	1012.250	29.97	-13.49	54.0	24.03	AV	138.00	150	Vertical	Pass
2	2337.250	51.17	-10.66	74.0	22.83	Peak	314.00	150	Vertical	Pass
2**	2337.250	41.92	-10.66	54.0	12.08	AV	314.00	150	Vertical	Pass
3	2432.500	101.69	-11.19	74.0	-27.69	Peak	188.00	150	Vertical	N/A
3**	2432.500	91.97	-11.19	54.0	-37.97	AV	188.00	150	Vertical	N/A
4	2974.000	47.55	-7.43	74.0	26.45	Peak	360.00	150	Vertical	Pass
4**	2974.000	36.62	-7.43	54.0	17.38	AV	360.00	150	Vertical	Pass
5	7167.500	55.94	2.28	74.0	18.06	Peak	152.00	150	Vertical	Pass
5**	7167.500	45.05	2.28	54.0	8.95	AV	152.00	150	Vertical	Pass
6	15202.500	52.24	0.75	74.0	21.76	Peak	350.00	150	Vertical	Pass
6**	15202.500	42.43	0.75	54.0	11.57	AV	350.00	150	Vertical	Pass

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



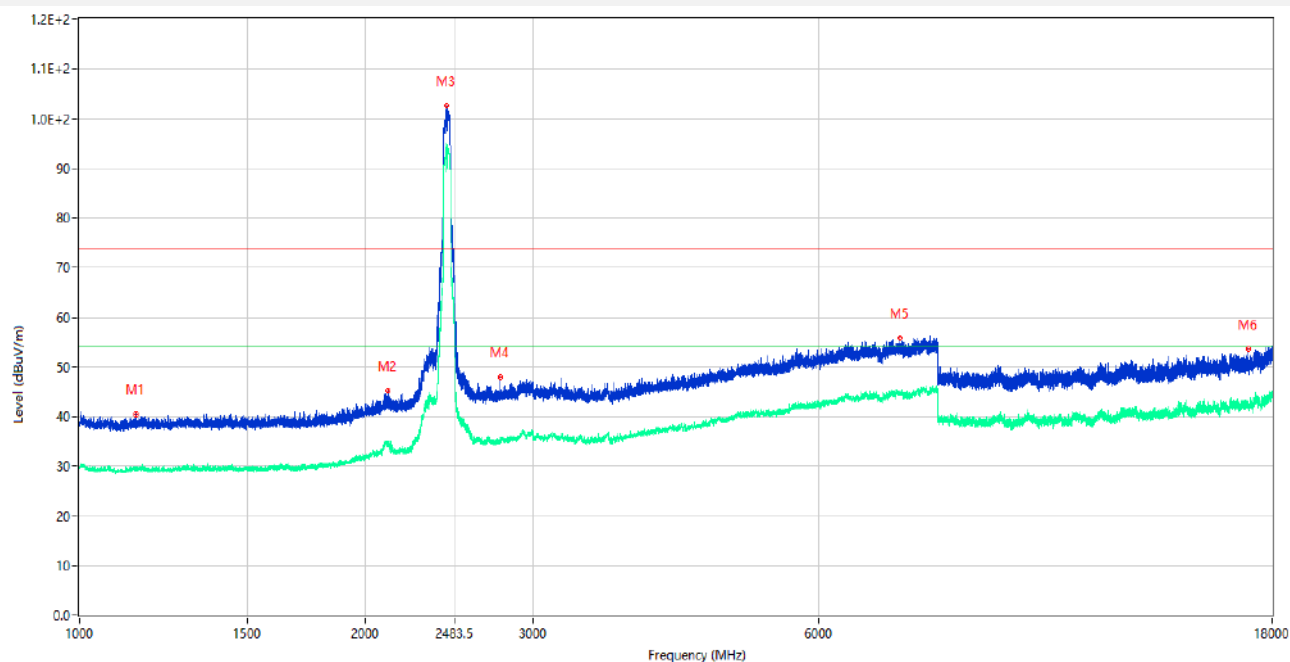
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2119.500	45.57	-12.28	74.0	28.43	Peak	139.00	150	Horizontal	Pass
1**	2119.500	34.34	-12.28	54.0	19.66	AV	139.00	150	Horizontal	Pass
2	2336.750	54.29	-10.67	74.0	19.71	Peak	194.00	150	Horizontal	Pass
2**	2336.750	44.89	-10.67	54.0	9.11	AV	194.00	150	Horizontal	Pass
3	2435.750	105.59	-11.28	74.0	-31.59	Peak	224.00	150	Horizontal	N/A
3**	2435.750	98.13	-11.28	54.0	-44.13	AV	224.00	150	Horizontal	N/A
4	2993.000	47.79	-7.71	74.0	26.21	Peak	66.00	150	Horizontal	Pass
4**	2993.000	36.44	-7.71	54.0	17.56	AV	66.00	150	Horizontal	Pass
5	7144.500	55.99	2.24	74.0	18.01	Peak	31.00	150	Horizontal	Pass
5**	7144.500	44.64	2.24	54.0	9.36	AV	31.00	150	Horizontal	Pass
6	12923.500	51.81	0.34	74.0	22.19	Peak	348.00	150	Horizontal	Pass
6**	12923.500	40.85	0.34	54.0	13.15	AV	348.00	150	Horizontal	Pass

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



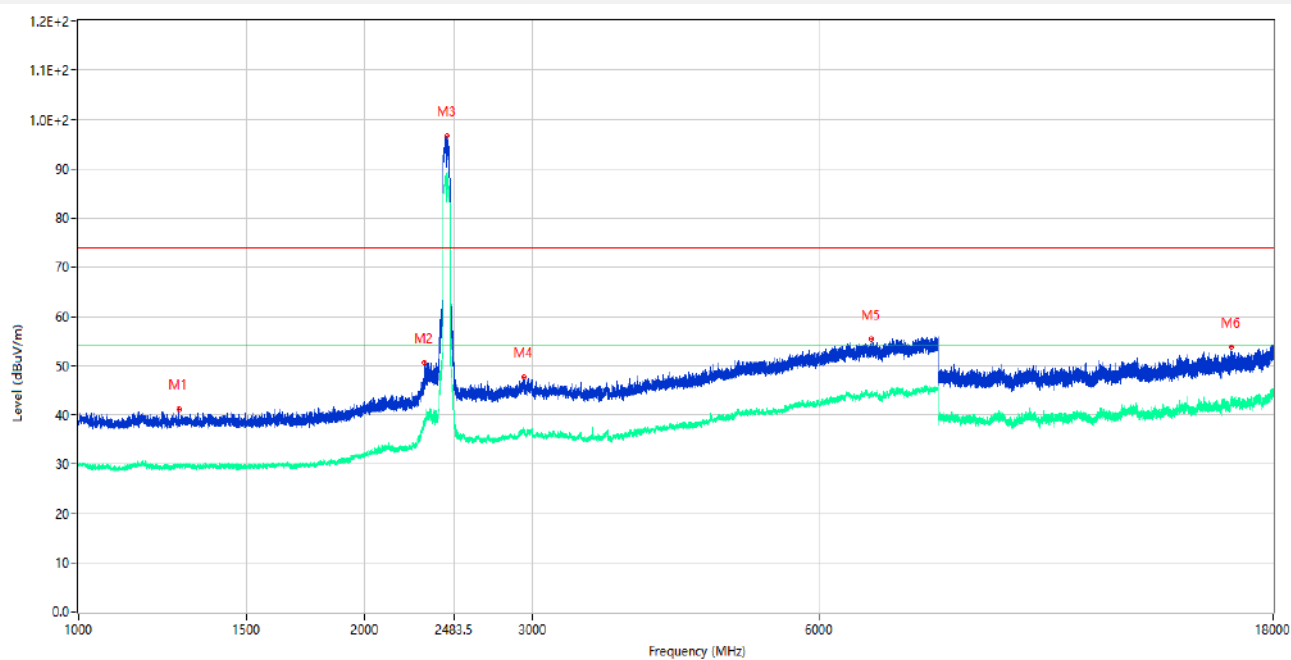
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1111.000	41.52	-14.87	74.0	32.48	Peak	207.00	150	Vertical	Pass
1**	1111.000	29.08	-14.87	54.0	24.92	AV	207.00	150	Vertical	Pass
2	2330.000	51.00	-10.88	74.0	23.00	Peak	319.00	150	Vertical	Pass
2**	2330.000	41.07	-10.88	54.0	12.93	AV	319.00	150	Vertical	Pass
3	2438.250	100.93	-11.32	74.0	-26.93	Peak	167.00	150	Vertical	N/A
3**	2438.250	92.61	-11.32	54.0	-38.61	AV	167.00	150	Vertical	N/A
4	2898.250	47.31	-8.51	74.0	26.69	Peak	103.00	150	Vertical	Pass
4**	2898.250	35.55	-8.51	54.0	18.45	AV	103.00	150	Vertical	Pass
5	7249.500	56.47	3.13	74.0	17.53	Peak	180.00	150	Vertical	Pass
5**	7249.500	44.85	3.13	54.0	9.15	AV	180.00	150	Vertical	Pass
6	14593.000	52.13	1.30	74.0	21.87	Peak	41.00	150	Vertical	Pass
6**	14593.000	43.01	1.30	54.0	10.99	AV	41.00	150	Vertical	Pass

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



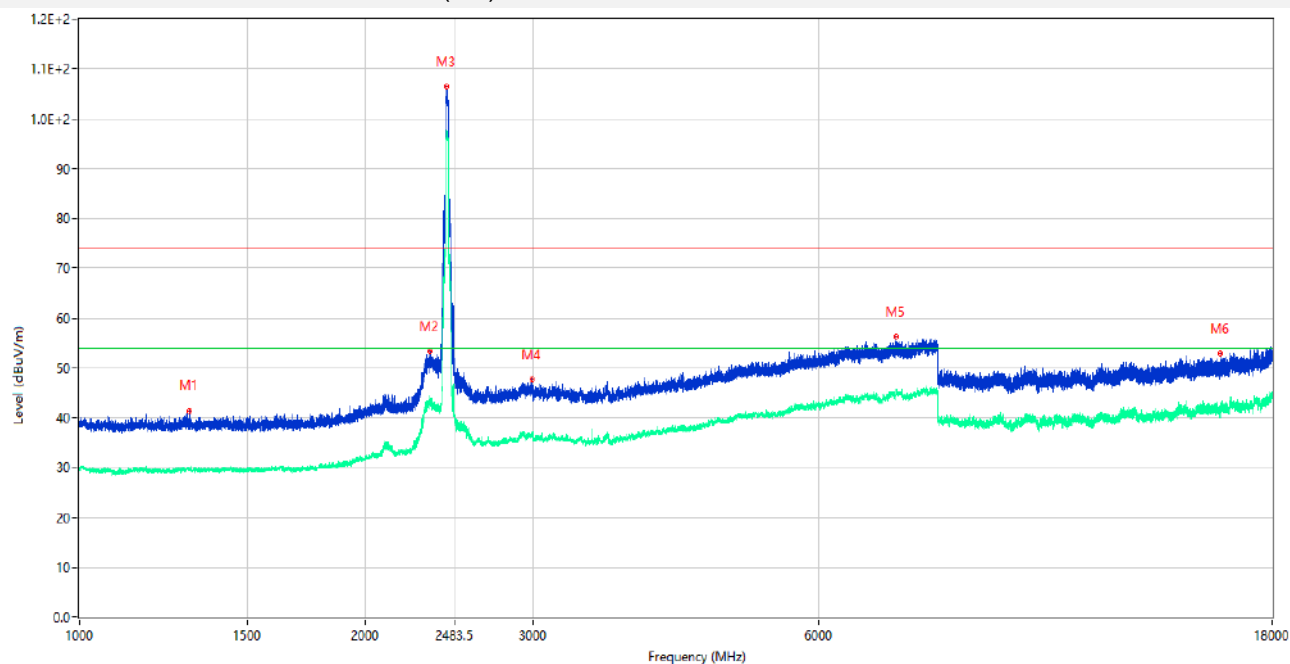
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1145.750	40.47	-14.77	74.0	33.53	Peak	155.00	150	Horizontal	Pass
1**	1145.750	29.43	-14.77	54.0	24.57	AV	155.00	150	Horizontal	Pass
2	2114.750	45.28	-12.37	74.0	28.72	Peak	140.00	150	Horizontal	Pass
2**	2114.750	34.81	-12.37	54.0	19.19	AV	140.00	150	Horizontal	Pass
3	2435.000	102.51	-11.24	74.0	-28.51	Peak	223.00	150	Horizontal	N/A
3**	2435.000	94.63	-11.24	54.0	-40.63	AV	223.00	150	Horizontal	N/A
4	2769.000	47.90	-9.11	74.0	26.10	Peak	352.00	150	Horizontal	Pass
4**	2769.000	35.17	-9.11	54.0	18.83	AV	352.00	150	Horizontal	Pass
5	7308.000	55.85	2.61	74.0	18.15	Peak	298.00	150	Horizontal	Pass
5**	7308.000	44.56	2.61	54.0	9.44	AV	298.00	150	Horizontal	Pass
6	17004.500	53.64	2.04	74.0	20.36	Peak	11.00	150	Horizontal	Pass
6**	17004.500	42.27	2.04	54.0	11.73	AV	11.00	150	Horizontal	Pass

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



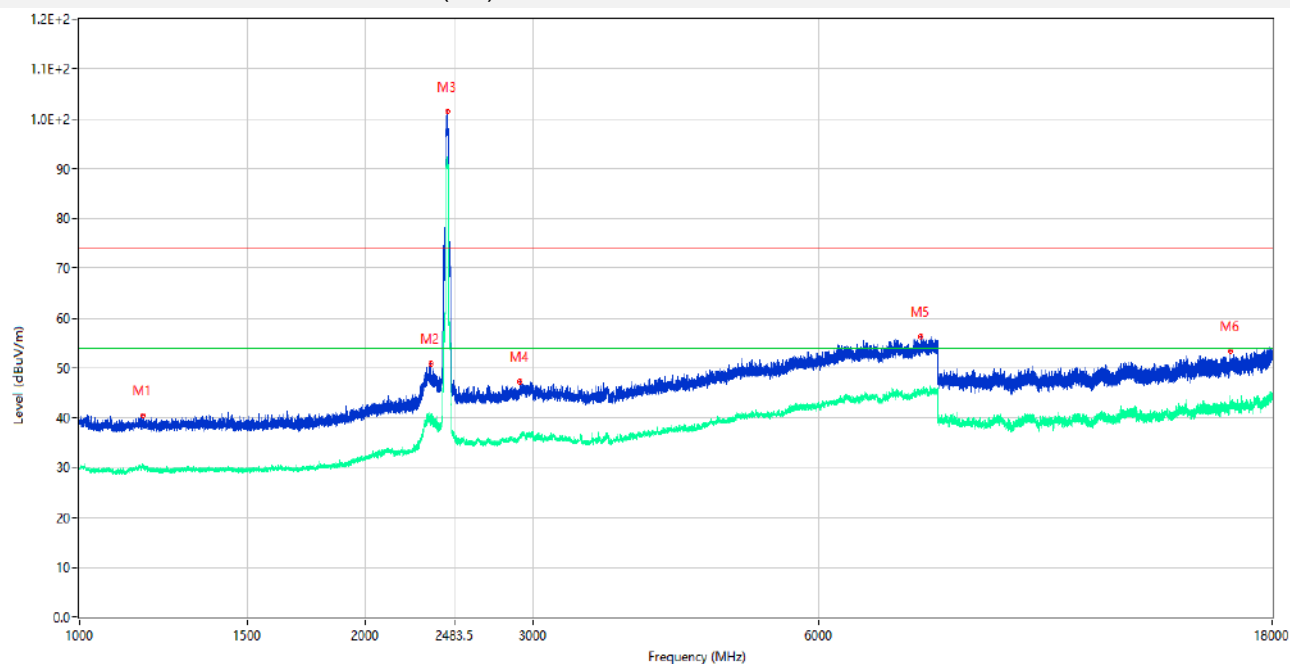
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1275.750	41.05	-14.92	74.0	32.95	Peak	279.00	150	Vertical	Pass
1**	1275.750	29.78	-14.92	54.0	24.22	AV	279.00	150	Vertical	Pass
2	2311.250	50.61	-11.18	74.0	23.39	Peak	320.00	150	Vertical	Pass
2**	2311.250	39.00	-11.18	54.0	15.00	AV	320.00	150	Vertical	Pass
3	2440.500	96.81	-11.38	74.0	-22.81	Peak	162.00	150	Vertical	N/A
3**	2440.500	89.02	-11.38	54.0	-35.02	AV	162.00	150	Vertical	N/A
4	2934.250	47.59	-6.87	74.0	26.41	Peak	39.00	150	Vertical	Pass
4**	2934.250	36.68	-6.87	54.0	17.32	AV	39.00	150	Vertical	Pass
5	6817.000	55.38	1.99	74.0	18.62	Peak	279.00	150	Vertical	Pass
5**	6817.000	44.00	1.99	54.0	10.00	AV	279.00	150	Vertical	Pass
6	16278.000	53.78	2.16	74.0	20.22	Peak	233.00	150	Vertical	Pass
6**	16278.000	42.77	2.16	54.0	11.23	AV	233.00	150	Vertical	Pass

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



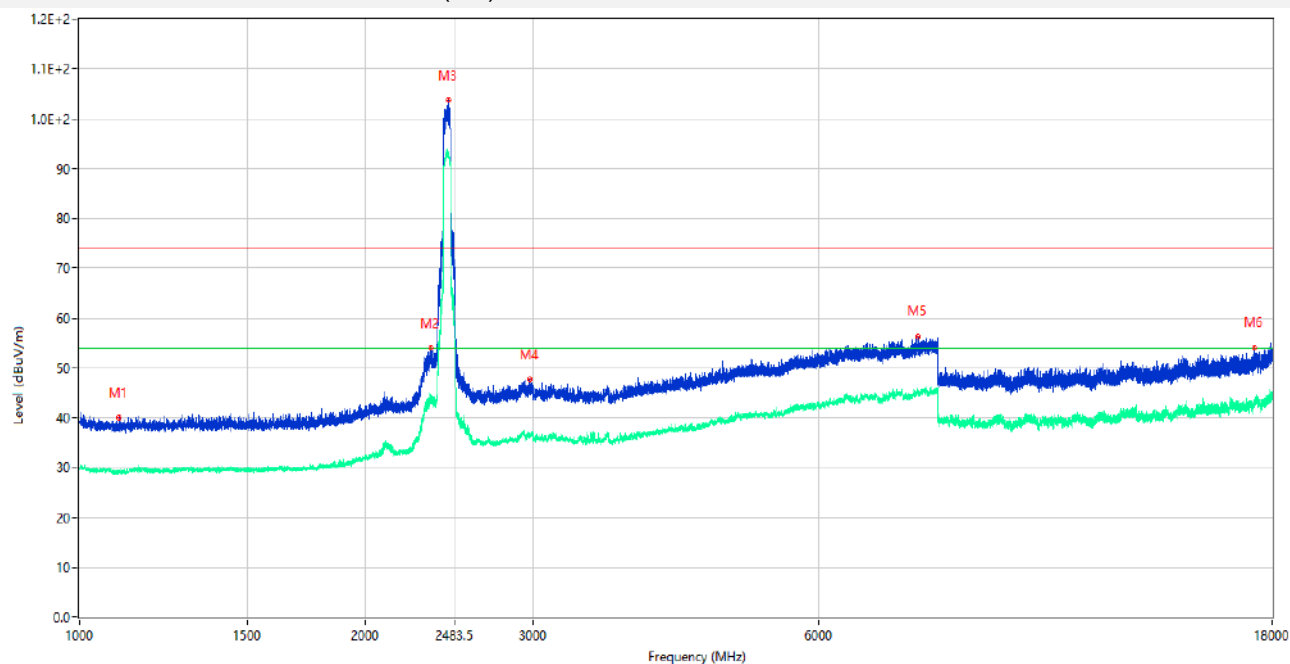
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1306.750	41.46	-14.70	74.0	32.54	Peak	5.00	150	Horizontal	Pass
1**	1306.750	29.52	-14.70	54.0	24.48	AV	5.00	150	Horizontal	Pass
2	2338.000	53.40	-10.65	74.0	20.60	Peak	190.00	150	Horizontal	Pass
2**	2338.000	43.97	-10.65	54.0	10.03	AV	190.00	150	Horizontal	Pass
3	2436.250	106.37	-11.30	74.0	-32.37	Peak	190.00	150	Horizontal	N/A
3**	2436.250	97.54	-11.30	54.0	-43.54	AV	190.00	150	Horizontal	N/A
4	2997.000	47.61	-7.53	74.0	26.39	Peak	132.00	150	Horizontal	Pass
4**	2997.000	36.46	-7.53	54.0	17.54	AV	132.00	150	Horizontal	Pass
5	7243.500	56.25	3.09	74.0	17.75	Peak	80.00	150	Horizontal	Pass
5**	7243.500	44.74	3.09	54.0	9.26	AV	80.00	150	Horizontal	Pass
6	15887.500	52.93	1.47	74.0	21.07	Peak	173.00	150	Horizontal	Pass
6**	15887.500	42.44	1.47	54.0	11.56	AV	173.00	150	Horizontal	Pass

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



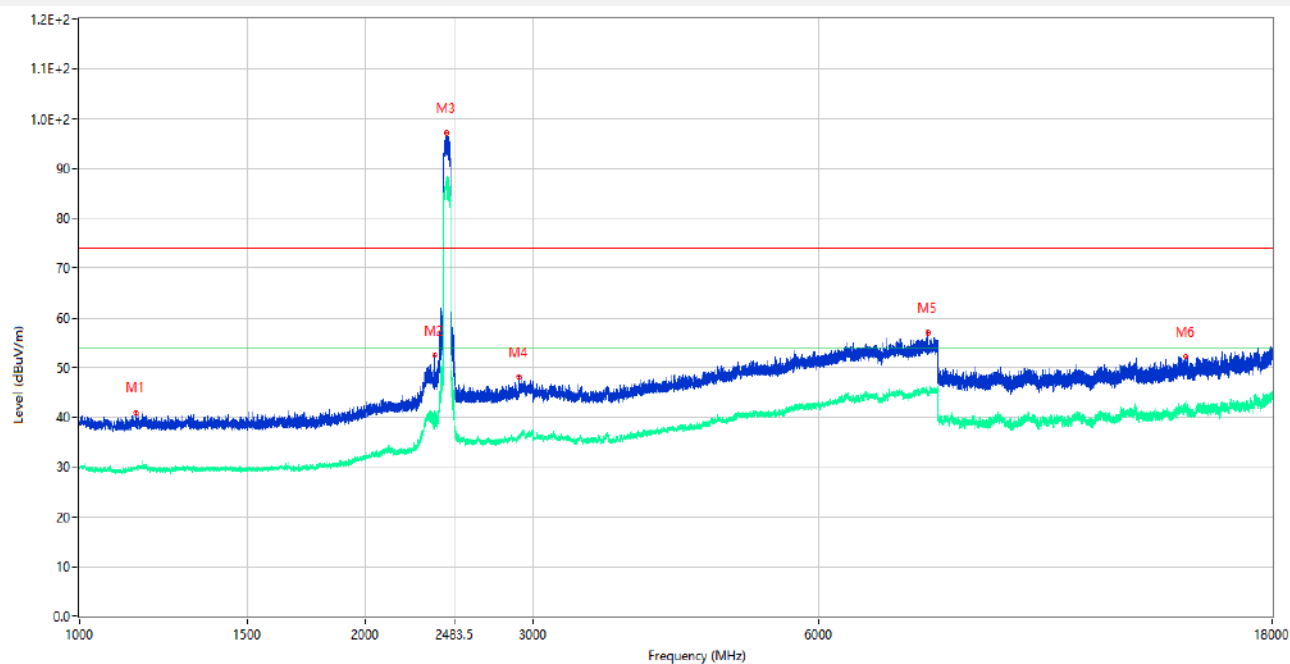
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.250	40.48	-14.50	74.0	33.52	Peak	166.00	150	Vertical	Pass
1**	1165.250	29.89	-14.50	54.0	24.11	AV	166.00	150	Vertical	Pass
2	2342.750	50.79	-10.80	74.0	23.21	Peak	329.00	150	Vertical	Pass
2**	2342.750	40.29	-10.80	54.0	13.71	AV	329.00	150	Vertical	Pass
3	2439.250	101.38	-11.33	74.0	-27.38	Peak	156.00	150	Vertical	N/A
3**	2439.250	91.89	-11.33	54.0	-37.89	AV	156.00	150	Vertical	N/A
4	2908.000	47.26	-8.17	74.0	26.74	Peak	161.00	150	Vertical	Pass
4**	2908.000	36.39	-8.17	54.0	17.61	AV	161.00	150	Vertical	Pass
5	7682.500	56.32	3.35	74.0	17.68	Peak	39.00	150	Vertical	Pass
5**	7682.500	45.40	3.35	54.0	8.60	AV	39.00	150	Vertical	Pass
6	16267.000	53.35	1.92	74.0	20.65	Peak	11.00	150	Vertical	Pass
6**	16267.000	42.62	1.92	54.0	11.38	AV	11.00	150	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1101.250	39.98	-14.79	74.0	34.02	Peak	164.00	150	Horizontal	Pass
1**	1101.250	28.82	-14.79	54.0	25.18	AV	164.00	150	Horizontal	Pass
2	2344.750	53.91	-10.90	74.0	20.09	Peak	187.00	150	Horizontal	Pass
2**	2344.750	43.14	-10.90	54.0	10.86	AV	187.00	150	Horizontal	Pass
3	2447.250	103.76	-11.47	74.0	-29.76	Peak	234.00	150	Horizontal	N/A
3**	2447.250	92.75	-11.47	54.0	-38.75	AV	234.00	150	Horizontal	N/A
4	2979.500	47.70	-7.77	74.0	26.30	Peak	119.00	150	Horizontal	Pass
4**	2979.500	36.23	-7.77	54.0	17.77	AV	119.00	150	Horizontal	Pass
5	7633.000	56.38	3.00	74.0	17.62	Peak	89.00	150	Horizontal	Pass
5**	7633.000	45.27	3.00	54.0	8.73	AV	89.00	150	Horizontal	Pass
6	17250.001	54.12	2.57	74.0	19.88	Peak	246.00	150	Horizontal	Pass
6**	17250.001	42.97	2.57	54.0	11.03	AV	246.00	150	Horizontal	Pass

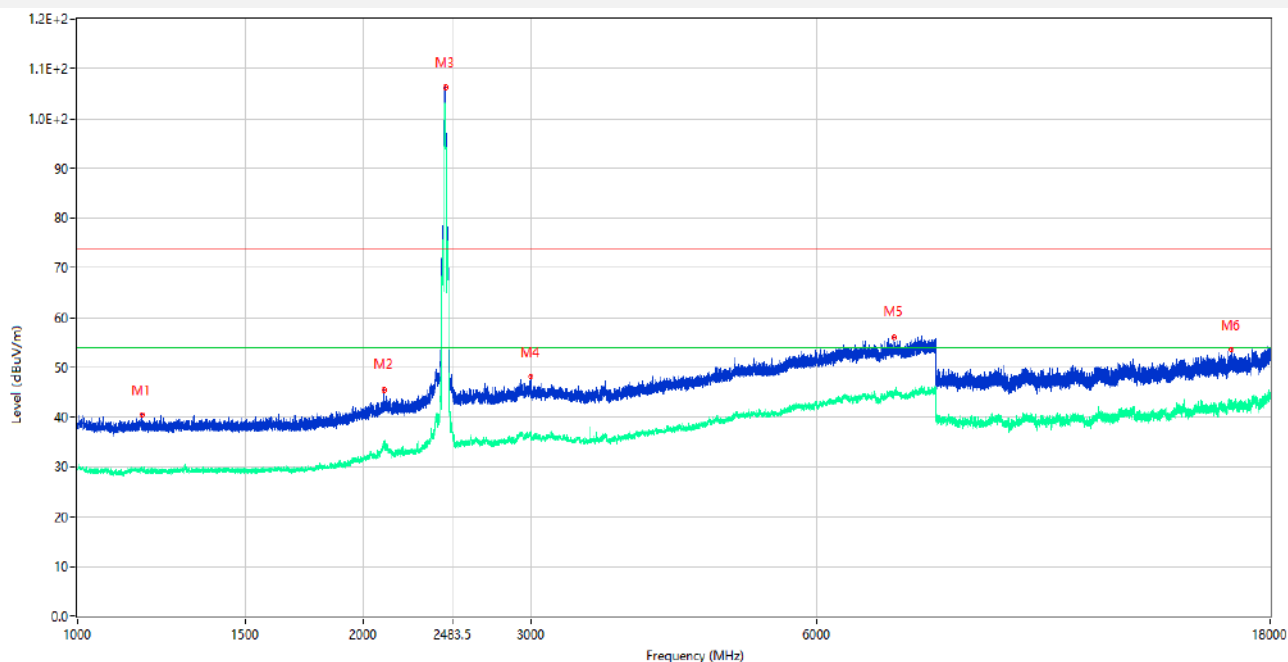
1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1148.250	41.01	-14.77	74.0	32.99	Peak	169.00	150	Vertical	Pass
1**	1148.250	29.68	-14.77	54.0	24.32	AV	169.00	150	Vertical	Pass
2	2365.500	52.36	-11.53	74.0	21.64	Peak	331.00	150	Vertical	Pass
2**	2365.500	40.95	-11.53	54.0	13.05	AV	331.00	150	Vertical	Pass
3	2434.750	97.11	-11.24	74.0	-23.11	Peak	164.00	150	Vertical	N/A
3**	2434.750	87.93	-11.24	54.0	-33.93	AV	164.00	150	Vertical	N/A
4	2901.750	48.19	-8.47	74.0	25.81	Peak	360.00	150	Vertical	Pass
4**	2901.750	35.76	-8.47	54.0	18.24	AV	360.00	150	Vertical	Pass
5	7811.500	56.92	3.42	74.0	17.08	Peak	356.00	150	Vertical	Pass
5**	7811.500	45.00	3.42	54.0	9.00	AV	356.00	150	Vertical	Pass
6	14587.500	52.15	1.04	74.0	21.85	Peak	292.00	150	Vertical	Pass
6**	14587.500	42.79	1.04	54.0	11.21	AV	292.00	150	Vertical	Pass

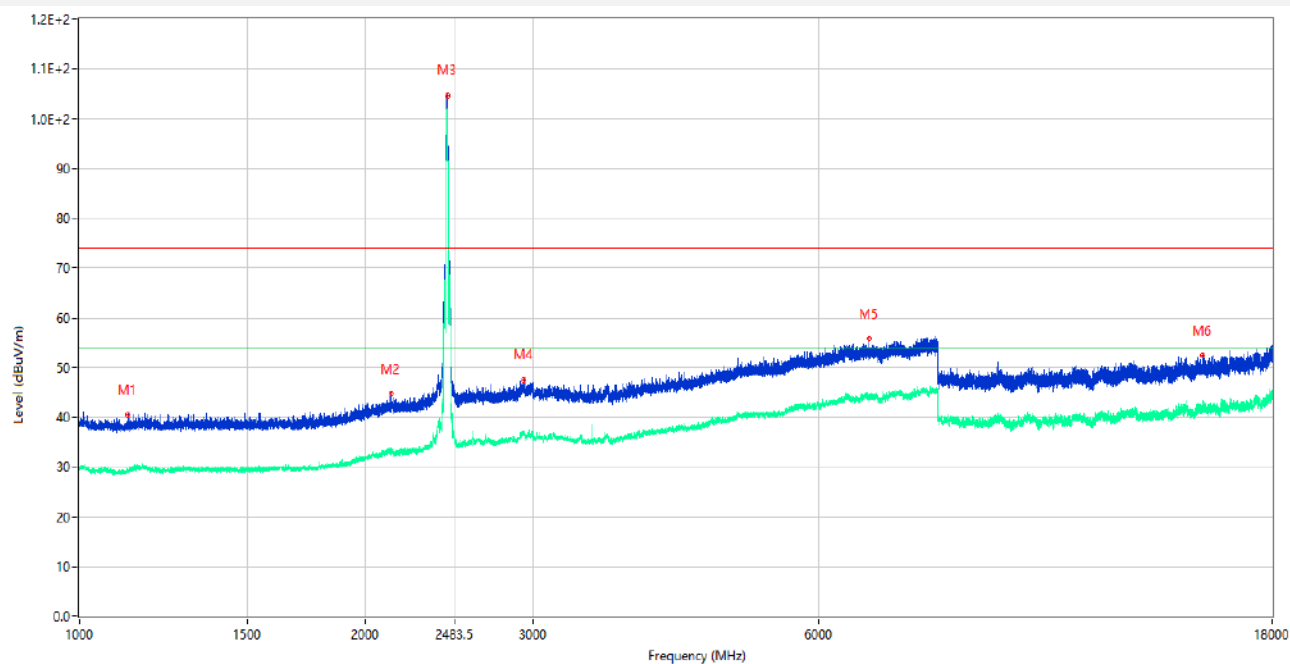
Aux. Antenna:

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



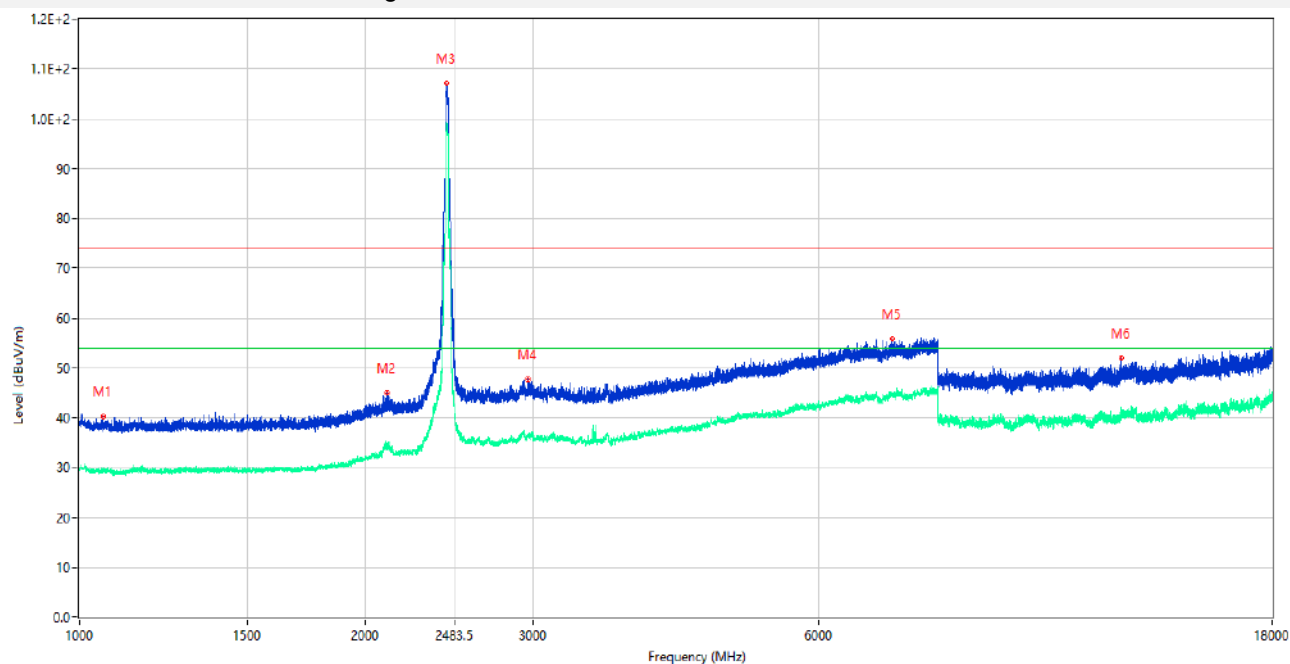
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.250	40.43	-14.55	74.0	33.57	Peak	118.00	150	Horizontal	Pass
1**	1170.250	29.40	-14.55	54.0	24.60	AV	118.00	150	Horizontal	Pass
2	2101.500	45.36	-12.35	74.0	28.64	Peak	145.00	150	Horizontal	Pass
2**	2101.500	33.86	-12.35	54.0	20.14	AV	145.00	150	Horizontal	Pass
3	2438.500	106.14	-11.32	74.0	-32.14	Peak	219.00	150	Horizontal	N/A
3**	2438.500	103.05	-11.32	54.0	-49.05	AV	219.00	150	Horizontal	N/A
4	2999.500	48.04	-7.46	74.0	25.96	Peak	25.00	150	Horizontal	Pass
4**	2999.500	36.71	-7.46	54.0	17.29	AV	25.00	150	Horizontal	Pass
5	7238.500	56.02	3.09	74.0	17.98	Peak	60.00	150	Horizontal	Pass
5**	7238.500	45.21	3.09	54.0	8.79	AV	60.00	150	Horizontal	Pass
6	16394.000	53.45	1.95	74.0	20.55	Peak	104.00	150	Horizontal	Pass
6**	16394.000	42.98	1.95	54.0	11.02	AV	104.00	150	Horizontal	Pass

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



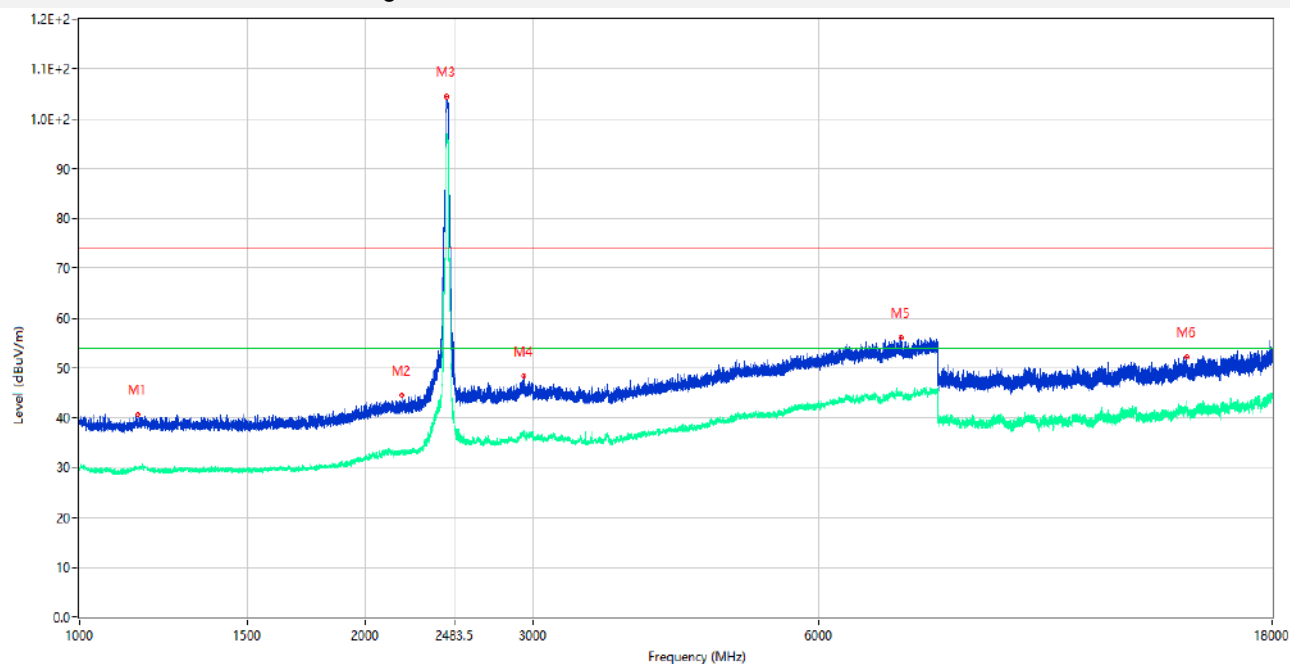
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.250	40.55	-14.76	74.0	33.45	Peak	178.00	150	Vertical	Pass
1**	1124.250	29.01	-14.76	54.0	24.99	AV	178.00	150	Vertical	Pass
2	2129.750	44.69	-11.98	74.0	29.31	Peak	204.00	150	Vertical	Pass
2**	2129.750	33.21	-11.98	54.0	20.79	AV	204.00	150	Vertical	Pass
3	2438.250	104.75	-11.32	74.0	-30.75	Peak	270.00	150	Vertical	N/A
3**	2438.250	101.90	-11.32	54.0	-47.90	AV	270.00	150	Vertical	N/A
4	2937.500	47.54	-7.08	74.0	26.46	Peak	199.00	150	Vertical	Pass
4**	2937.500	36.28	-7.08	54.0	17.72	AV	199.00	150	Vertical	Pass
5	6783.500	55.80	2.25	74.0	18.20	Peak	21.00	150	Vertical	Pass
5**	6783.500	44.15	2.25	54.0	9.85	AV	21.00	150	Vertical	Pass
6	15227.000	52.36	1.45	74.0	21.64	Peak	360.00	150	Vertical	Pass
6**	15227.000	41.50	1.45	54.0	12.50	AV	360.00	150	Vertical	Pass

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



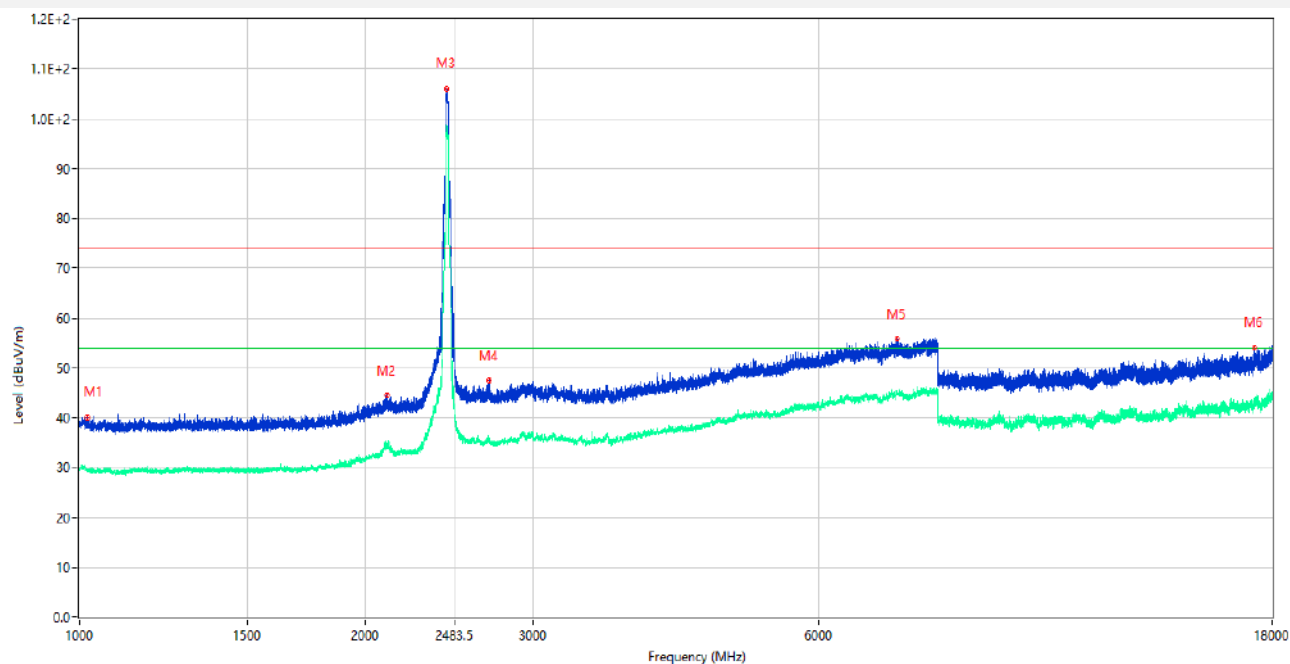
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1059.500	40.22	-14.41	74.0	33.78	Peak	43.00	150	Horizontal	Pass
1**	1059.500	29.22	-14.41	54.0	24.78	AV	43.00	150	Horizontal	Pass
2	2106.250	45.03	-12.41	74.0	28.97	Peak	150.00	150	Horizontal	Pass
2**	2106.250	34.05	-12.41	54.0	19.95	AV	150.00	150	Horizontal	Pass
3	2432.000	107.03	-11.17	74.0	-33.03	Peak	228.00	150	Horizontal	N/A
3**	2432.000	97.59	-11.17	54.0	-43.59	AV	228.00	150	Horizontal	N/A
4	2962.000	47.64	-7.57	74.0	26.36	Peak	298.00	150	Horizontal	Pass
4**	2962.000	36.68	-7.57	54.0	17.32	AV	298.00	150	Horizontal	Pass
5	7167.000	55.80	2.28	74.0	18.20	Peak	21.00	150	Horizontal	Pass
5**	7167.000	44.78	2.28	54.0	9.22	AV	21.00	150	Horizontal	Pass
6	12494.000	51.98	0.13	74.0	22.02	Peak	230.00	150	Horizontal	Pass
6**	12494.000	41.21	0.13	54.0	12.79	AV	230.00	150	Horizontal	Pass

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



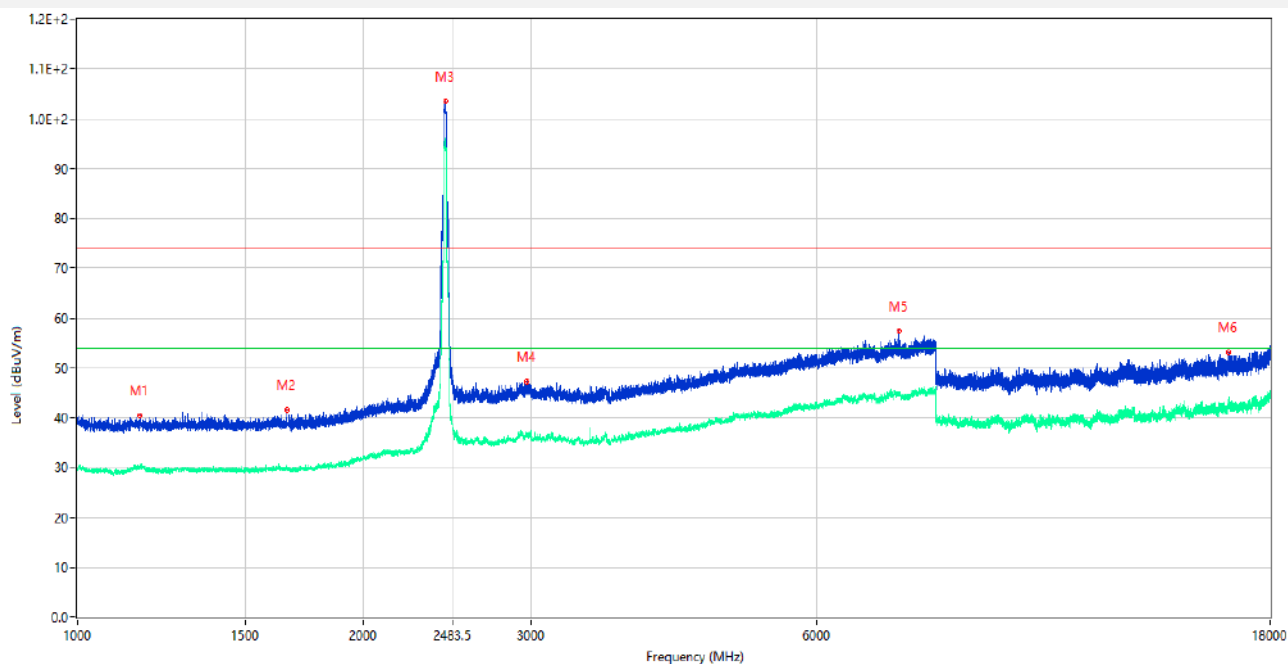
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1151.250	40.73	-14.73	74.0	33.27	Peak	196.00	150	Vertical	Pass
1**	1151.250	29.79	-14.73	54.0	24.21	AV	196.00	150	Vertical	Pass
2	2183.500	44.58	-11.81	74.0	29.42	Peak	5.00	150	Vertical	Pass
2**	2183.500	33.12	-11.81	54.0	20.88	AV	5.00	150	Vertical	Pass
3	2432.250	104.46	-11.18	74.0	-30.46	Peak	239.00	150	Vertical	N/A
3**	2432.250	94.67	-11.18	54.0	-40.67	AV	239.00	150	Vertical	N/A
4	2934.500	48.25	-6.88	74.0	25.75	Peak	182.00	150	Vertical	Pass
4**	2934.500	36.71	-6.88	54.0	17.29	AV	182.00	150	Vertical	Pass
5	7324.500	56.12	2.68	74.0	17.88	Peak	360.00	150	Vertical	Pass
5**	7324.500	44.51	2.68	54.0	9.49	AV	360.00	150	Vertical	Pass
6	14620.000	52.12	0.79	74.0	21.88	Peak	70.00	150	Vertical	Pass
6**	14620.000	41.47	0.79	54.0	12.53	AV	70.00	150	Vertical	Pass

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



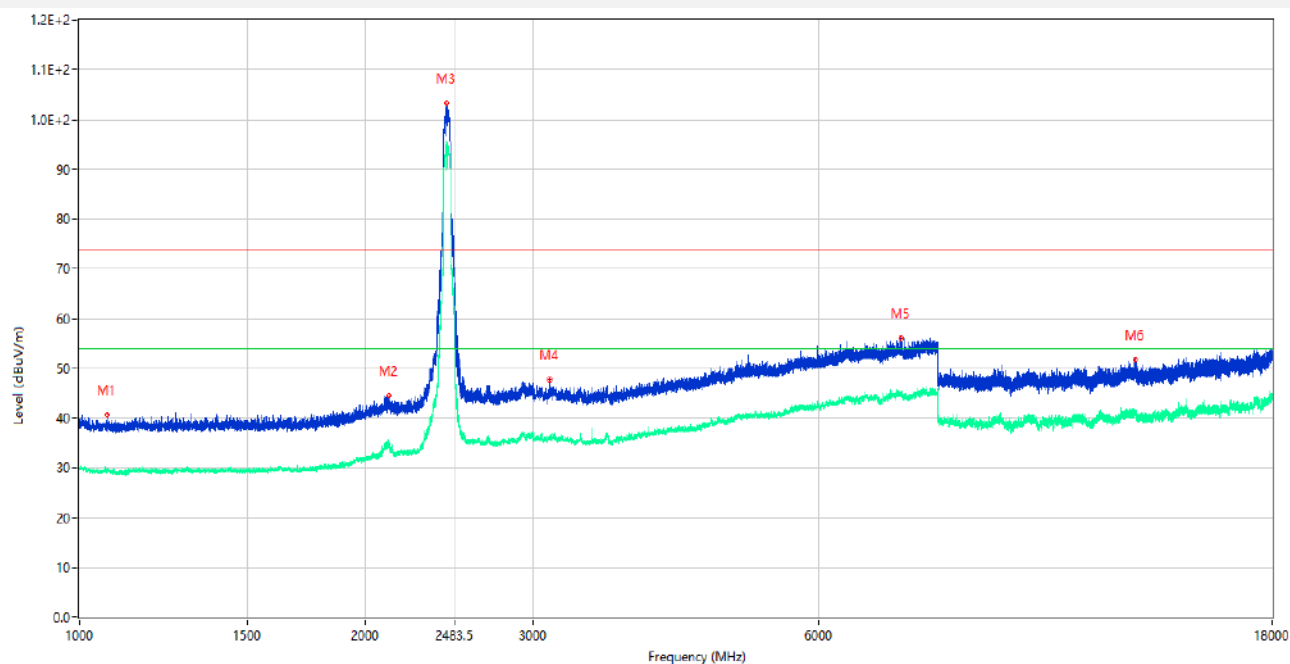
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1020.000	40.10	-14.19	74.0	33.90	Peak	41.00	150	Horizontal	Pass
1**	1020.000	29.25	-14.19	54.0	24.75	AV	41.00	150	Horizontal	Pass
2	2106.000	44.45	-12.41	74.0	29.55	Peak	144.00	150	Horizontal	Pass
2**	2106.000	34.55	-12.41	54.0	19.45	AV	144.00	150	Horizontal	Pass
3	2435.750	106.10	-11.28	74.0	-32.10	Peak	225.00	150	Horizontal	N/A
3**	2435.750	98.76	-11.28	54.0	-44.76	AV	225.00	150	Horizontal	N/A
4	2698.500	47.37	-9.58	74.0	26.63	Peak	251.00	150	Horizontal	Pass
4**	2698.500	35.47	-9.58	54.0	18.53	AV	251.00	150	Horizontal	Pass
5	7250.000	55.81	3.13	74.0	18.19	Peak	241.00	150	Horizontal	Pass
5**	7250.000	45.14	3.13	54.0	8.86	AV	241.00	150	Horizontal	Pass
6	17258.000	54.07	2.55	74.0	19.93	Peak	354.00	150	Horizontal	Pass
6**	17258.000	42.86	2.55	54.0	11.14	AV	354.00	150	Horizontal	Pass

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



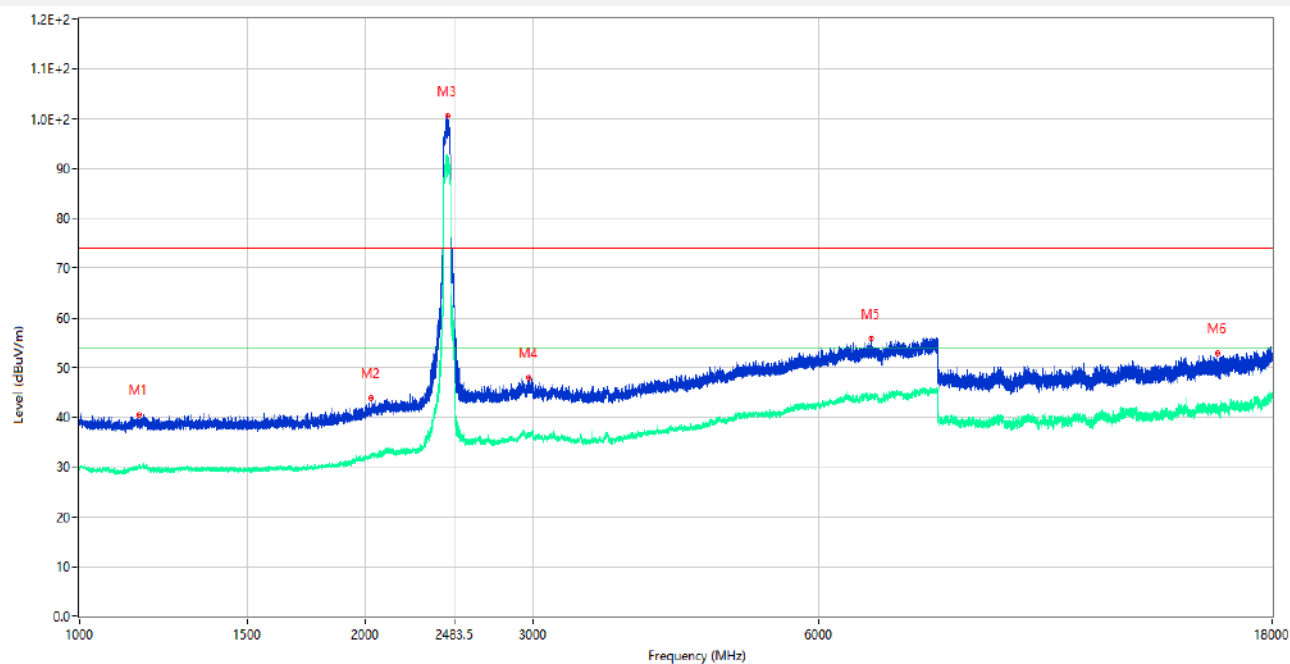
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.500	40.46	-14.54	74.0	33.54	Peak	218.00	150	Vertical	Pass
1**	1163.500	30.13	-14.54	54.0	23.87	AV	218.00	150	Vertical	Pass
2	1661.500	41.49	-15.10	74.0	32.51	Peak	114.00	150	Vertical	Pass
2**	1661.500	29.65	-15.10	54.0	24.35	AV	114.00	150	Vertical	Pass
3	2438.500	103.42	-11.32	74.0	-29.42	Peak	267.00	150	Vertical	N/A
3**	2438.500	95.98	-11.32	54.0	-41.98	AV	267.00	150	Vertical	N/A
4	2970.250	47.19	-7.12	74.0	26.81	Peak	276.00	150	Vertical	Pass
4**	2970.250	36.58	-7.12	54.0	17.42	AV	276.00	150	Vertical	Pass
5	7328.500	57.45	2.72	74.0	16.55	Peak	50.00	150	Vertical	Pass
5**	7328.500	44.68	2.72	54.0	9.32	AV	50.00	150	Vertical	Pass
6	16290.000	53.08	2.29	74.0	20.92	Peak	349.00	150	Vertical	Pass
6**	16290.000	42.79	2.29	54.0	11.21	AV	349.00	150	Vertical	Pass

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



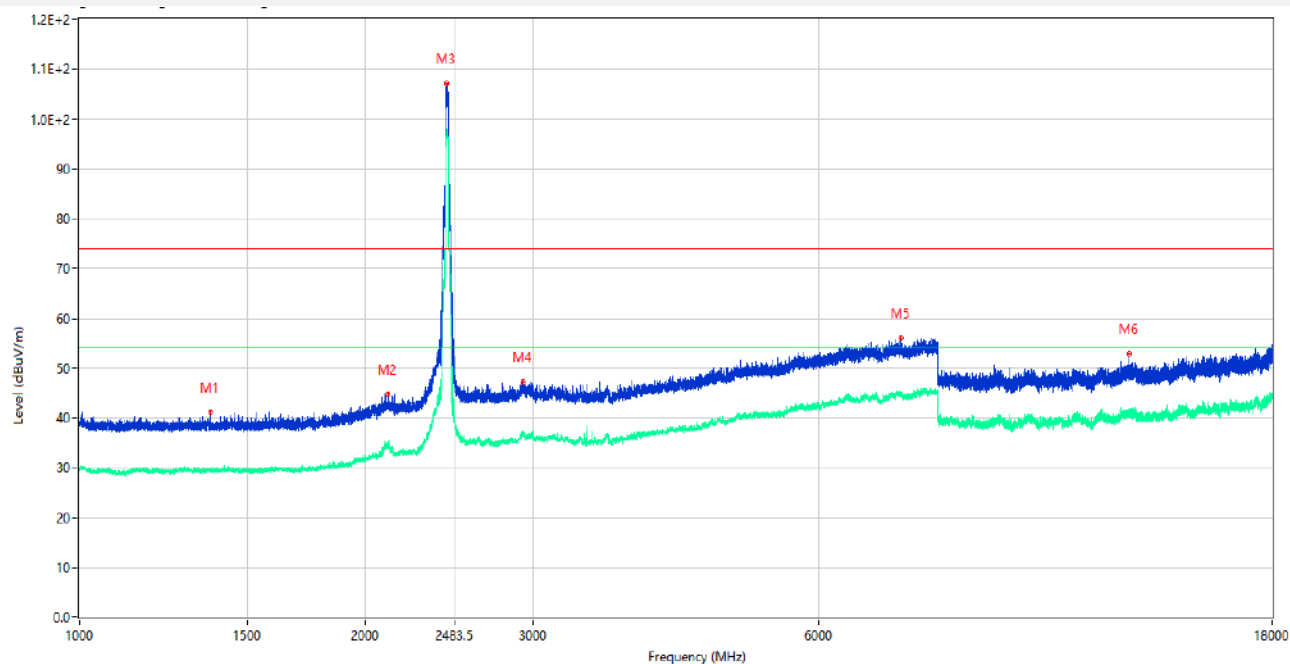
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1070.000	40.69	-14.30	74.0	33.31	Peak	333.00	150	Horizontal	Pass
1**	1070.000	29.15	-14.30	54.0	24.85	AV	333.00	150	Horizontal	Pass
2	2117.500	44.63	-12.28	74.0	29.37	Peak	148.00	150	Horizontal	Pass
2**	2117.500	33.82	-12.28	54.0	20.18	AV	148.00	150	Horizontal	Pass
3	2433.750	103.23	-11.23	74.0	-29.23	Peak	222.00	150	Horizontal	N/A
3**	2433.750	95.13	-11.23	54.0	-41.13	AV	222.00	150	Horizontal	N/A
4	3129.000	47.60	-5.93	74.0	26.40	Peak	342.00	150	Horizontal	Pass
4**	3129.000	36.28	-5.93	54.0	17.72	AV	342.00	150	Horizontal	Pass
5	7328.500	56.12	2.72	74.0	17.88	Peak	359.00	150	Horizontal	Pass
5**	7328.500	44.47	2.72	54.0	9.53	AV	359.00	150	Horizontal	Pass
6	12910.500	51.67	0.51	74.0	22.33	Peak	5.00	150	Horizontal	Pass
6**	12910.500	40.98	0.51	54.0	13.02	AV	5.00	150	Horizontal	Pass

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



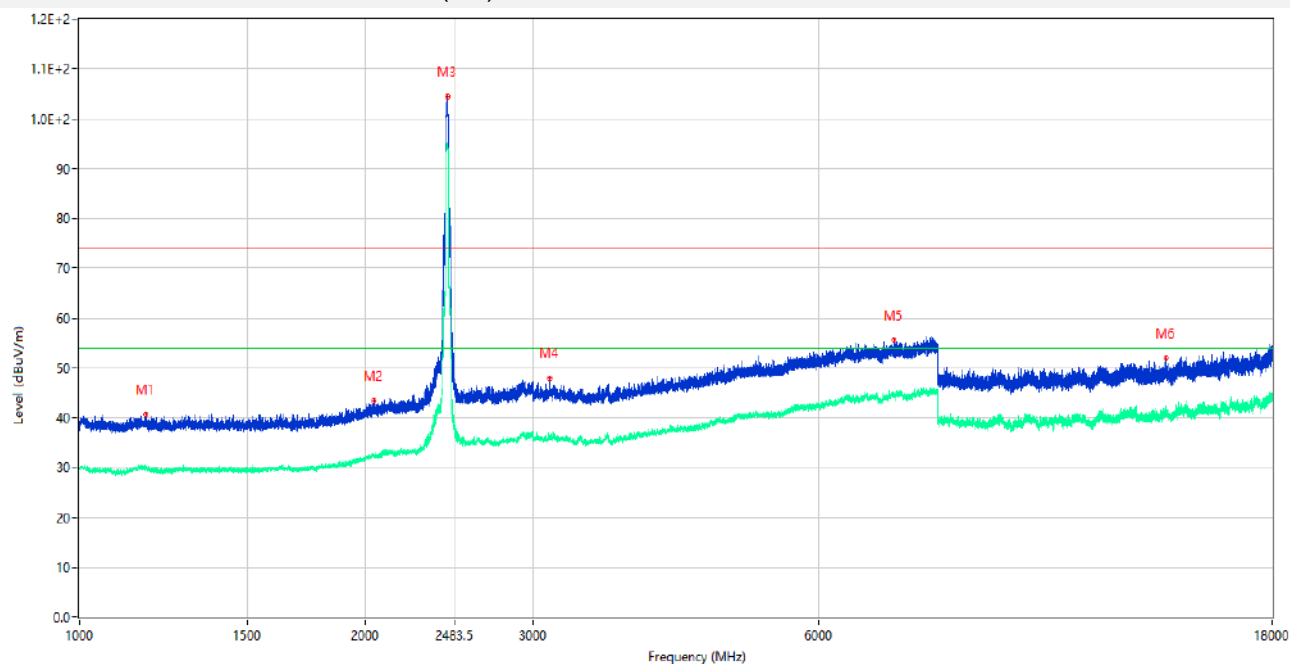
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.500	40.47	-14.67	74.0	33.53	Peak	196.00	150	Vertical	Pass
1**	1154.500	30.05	-14.67	54.0	23.95	AV	196.00	150	Vertical	Pass
2	2027.250	43.89	-12.63	74.0	30.11	Peak	248.00	150	Vertical	Pass
2**	2027.250	32.28	-12.63	54.0	21.72	AV	248.00	150	Vertical	Pass
3	2440.500	100.53	-11.38	74.0	-26.53	Peak	275.00	150	Vertical	N/A
3**	2440.500	92.08	-11.38	54.0	-38.08	AV	275.00	150	Vertical	N/A
4	2974.500	47.80	-7.46	74.0	26.20	Peak	142.00	150	Vertical	Pass
4**	2974.500	36.54	-7.46	54.0	17.46	AV	142.00	150	Vertical	Pass
5	6814.000	55.86	1.99	74.0	18.14	Peak	54.00	150	Vertical	Pass
5**	6814.000	44.60	1.99	54.0	9.40	AV	54.00	150	Vertical	Pass
6	15783.000	52.96	1.02	74.0	21.04	Peak	39.00	150	Vertical	Pass
6**	15783.000	41.27	1.02	54.0	12.73	AV	39.00	150	Vertical	Pass

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



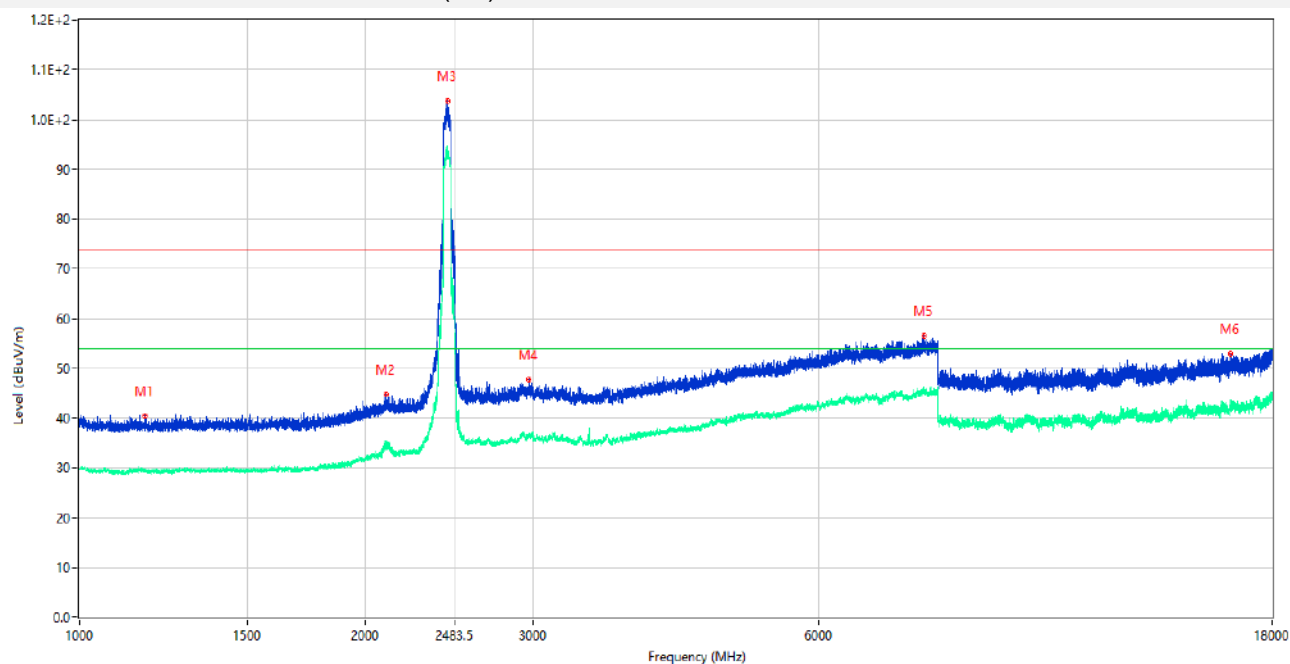
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1374.750	41.10	-15.11	74.0	32.90	Peak	0.00	150	Horizontal	Pass
1**	1374.750	29.25	-15.11	54.0	24.75	AV	0.00	150	Horizontal	Pass
2	2113.250	44.71	-12.40	74.0	29.29	Peak	150.00	150	Horizontal	Pass
2**	2113.250	35.04	-12.40	54.0	18.96	AV	150.00	150	Horizontal	Pass
3	2436.000	107.18	-11.29	74.0	-33.18	Peak	0.00	150	Horizontal	N/A
3**	2436.000	97.92	-11.29	54.0	-43.92	AV	0.00	150	Horizontal	N/A
4	2927.750	47.30	-6.81	74.0	26.70	Peak	0.00	150	Horizontal	Pass
4**	2927.750	37.13	-6.81	54.0	16.87	AV	0.00	150	Horizontal	Pass
5	7329.500	55.94	2.72	74.0	18.06	Peak	199.00	150	Horizontal	Pass
5**	7329.500	45.03	2.72	54.0	8.97	AV	199.00	150	Horizontal	Pass
6	12735.000	52.84	-0.46	74.0	21.16	Peak	0.00	150	Horizontal	Pass
6**	12735.000	40.39	-0.46	54.0	13.61	AV	0.00	150	Horizontal	Pass

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



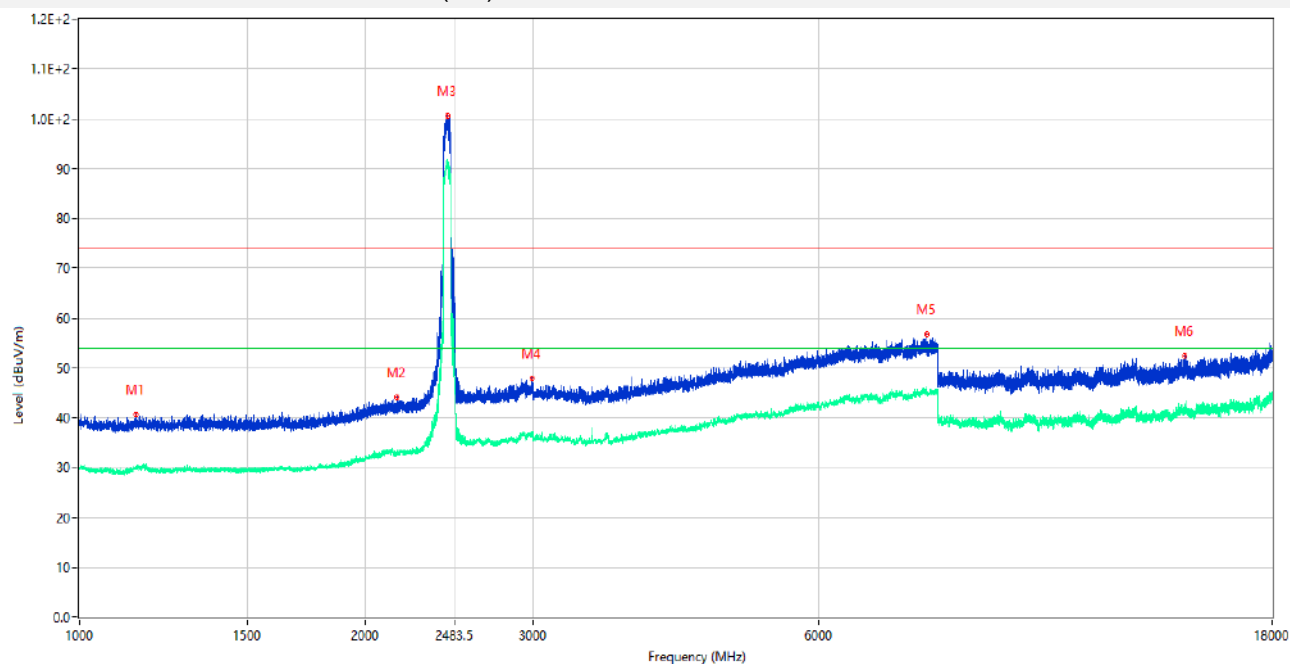
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1174.500	40.75	-14.67	74.0	33.25	Peak	117.00	150	Vertical	Pass
1**	1174.500	30.08	-14.67	54.0	23.92	AV	117.00	150	Vertical	Pass
2	2043.500	43.44	-12.18	74.0	30.56	Peak	18.00	150	Vertical	Pass
2**	2043.500	32.17	-12.18	54.0	21.83	AV	18.00	150	Vertical	Pass
3	2437.750	104.30	-11.32	74.0	-30.30	Peak	261.00	150	Vertical	N/A
3**	2437.750	94.13	-11.32	54.0	-40.13	AV	261.00	150	Vertical	N/A
4	3128.000	47.93	-5.94	74.0	26.07	Peak	150.00	150	Vertical	Pass
4**	3128.000	35.73	-5.94	54.0	18.27	AV	150.00	150	Vertical	Pass
5	7209.000	55.50	2.89	74.0	18.50	Peak	0.00	150	Vertical	Pass
5**	7209.000	44.84	2.89	54.0	9.16	AV	0.00	150	Vertical	Pass
6	13910.500	52.02	0.20	74.0	21.98	Peak	321.00	150	Vertical	Pass
6**	13910.500	40.50	0.20	54.0	13.50	AV	321.00	150	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1173.250	40.45	-14.61	74.0	33.55	Peak	53.00	150	Horizontal	Pass
1**	1173.250	29.68	-14.61	54.0	24.32	AV	53.00	150	Horizontal	Pass
2	2103.750	44.81	-12.38	74.0	29.19	Peak	149.00	150	Horizontal	Pass
2**	2103.750	35.25	-12.38	54.0	18.75	AV	149.00	150	Horizontal	Pass
3	2439.500	103.71	-11.34	74.0	-29.71	Peak	212.00	150	Horizontal	N/A
3**	2439.500	94.21	-11.34	54.0	-40.21	AV	212.00	150	Horizontal	N/A
4	2969.750	47.61	-7.11	74.0	26.39	Peak	231.00	150	Horizontal	Pass
4**	2969.750	36.43	-7.11	54.0	17.57	AV	231.00	150	Horizontal	Pass
5	7733.500	56.46	3.21	74.0	17.54	Peak	349.00	150	Horizontal	Pass
5**	7733.500	45.32	3.21	54.0	8.68	AV	349.00	150	Horizontal	Pass
6	16280.500	52.90	2.06	74.0	21.10	Peak	360.00	150	Horizontal	Pass
6**	16280.500	42.53	2.06	54.0	11.47	AV	360.00	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1147.000	40.67	-14.75	74.0	33.33	Peak	62.00	150	Vertical	Pass
1**	1147.000	29.64	-14.75	54.0	24.36	AV	62.00	150	Vertical	Pass
2	2156.750	44.10	-12.25	74.0	29.90	Peak	0.00	150	Vertical	Pass
2**	2156.750	32.65	-12.25	54.0	21.35	AV	0.00	150	Vertical	Pass
3	2440.000	100.47	-11.36	74.0	-26.47	Peak	242.00	150	Vertical	N/A
3**	2440.000	91.50	-11.36	54.0	-37.50	AV	242.00	150	Vertical	N/A
4	2993.750	47.80	-7.66	74.0	26.20	Peak	279.00	150	Vertical	Pass
4**	2993.750	36.46	-7.66	54.0	17.54	AV	279.00	150	Vertical	Pass
5	7795.500	56.66	3.92	74.0	17.34	Peak	25.00	150	Vertical	Pass
5**	7795.500	45.66	3.92	54.0	8.34	AV	25.00	150	Vertical	Pass
6	14575.500	52.45	0.25	74.0	21.55	Peak	157.00	150	Vertical	Pass
6**	14575.500	41.50	0.25	54.0	12.50	AV	157.00	150	Vertical	Pass

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

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

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

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

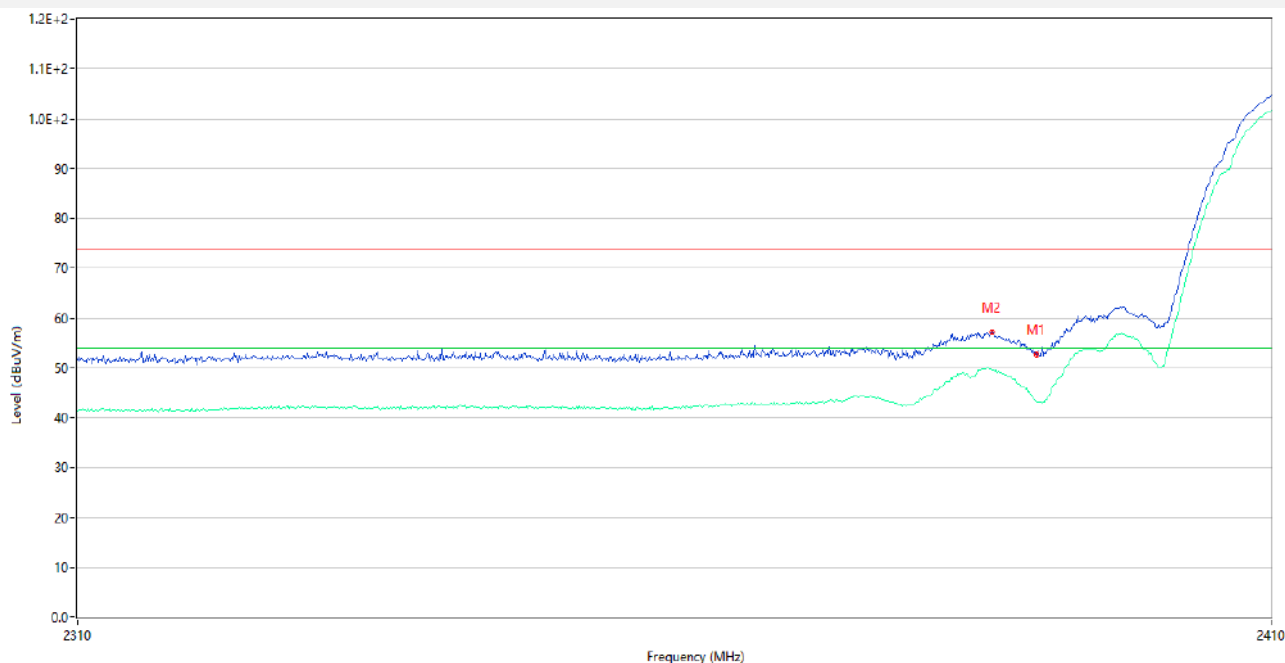
Note 4: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note 5: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data and Plots

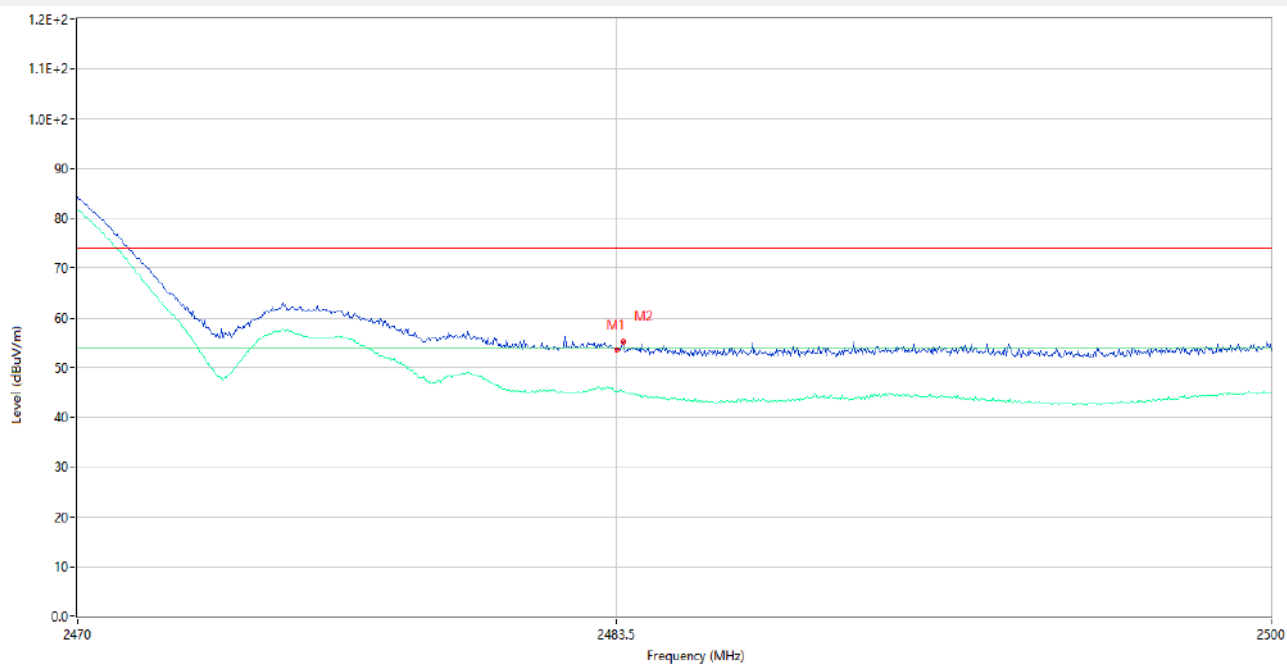
Main Antenna:

802.11b LOW CHANNEL



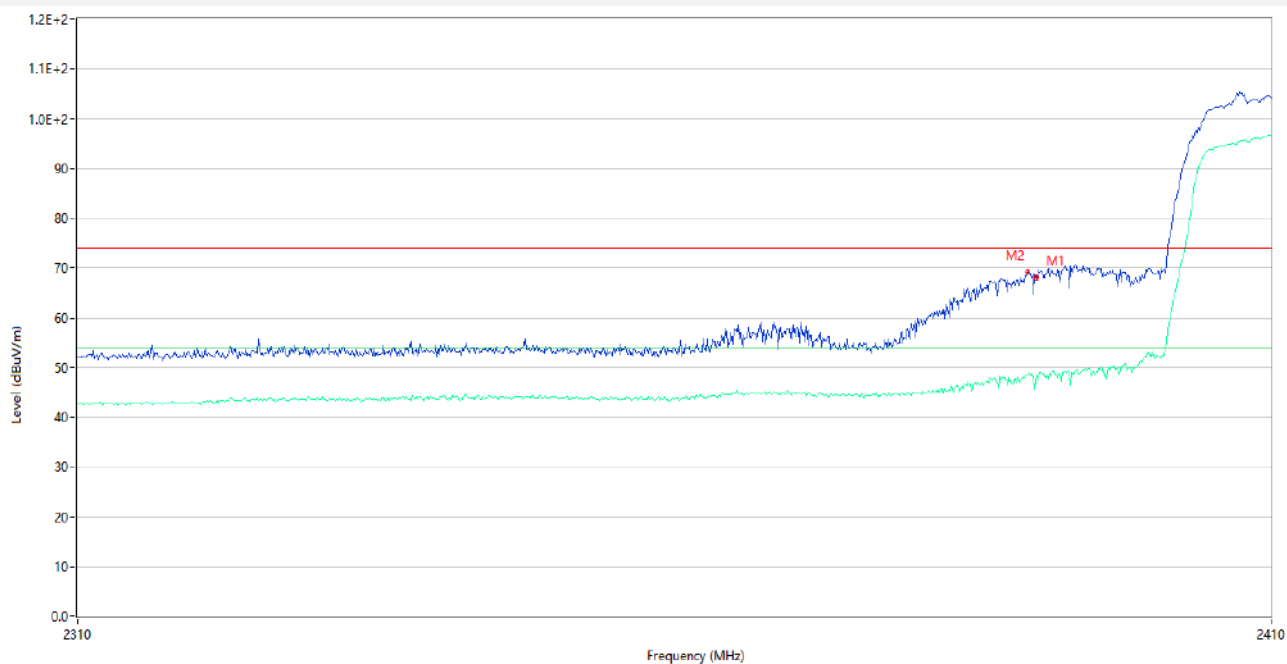
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.60	-3.73	74.0	21.40	Peak	168.05	150	Horizontal	Pass
1**	2390.000	43.27	-3.73	54.0	10.73	AV	168.05	150	Horizontal	Pass
2	2386.200	57.22	-3.52	74.0	16.78	Peak	188.00	150	Horizontal	Pass
2**	2386.200	49.49	-3.52	54.0	4.51	AV	188.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



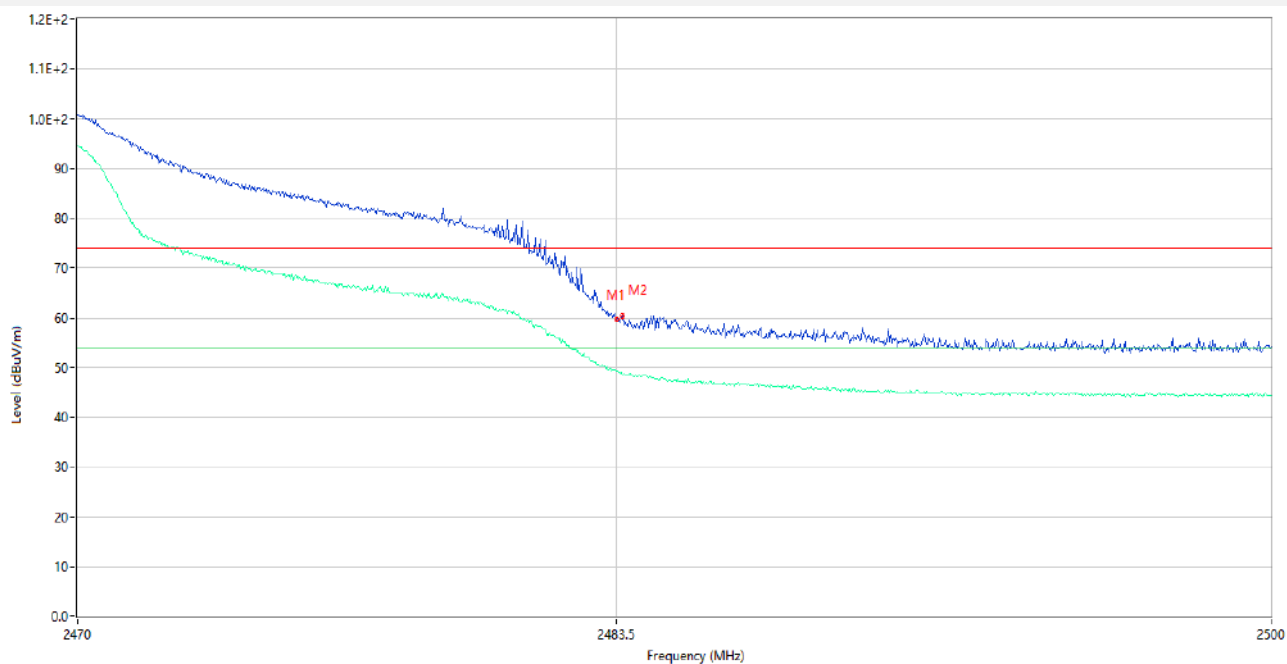
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.53	-2.60	74.0	20.47	Peak	230.00	150	Horizontal	Pass
1**	2483.500	45.27	-2.60	54.0	8.73	AV	230.00	150	Horizontal	Pass
2	2483.680	55.20	-2.60	74.0	18.80	Peak	227.00	150	Horizontal	Pass
2**	2483.680	45.20	-2.60	54.0	8.80	AV	227.00	150	Horizontal	Pass

802.11g LOW CHANNEL



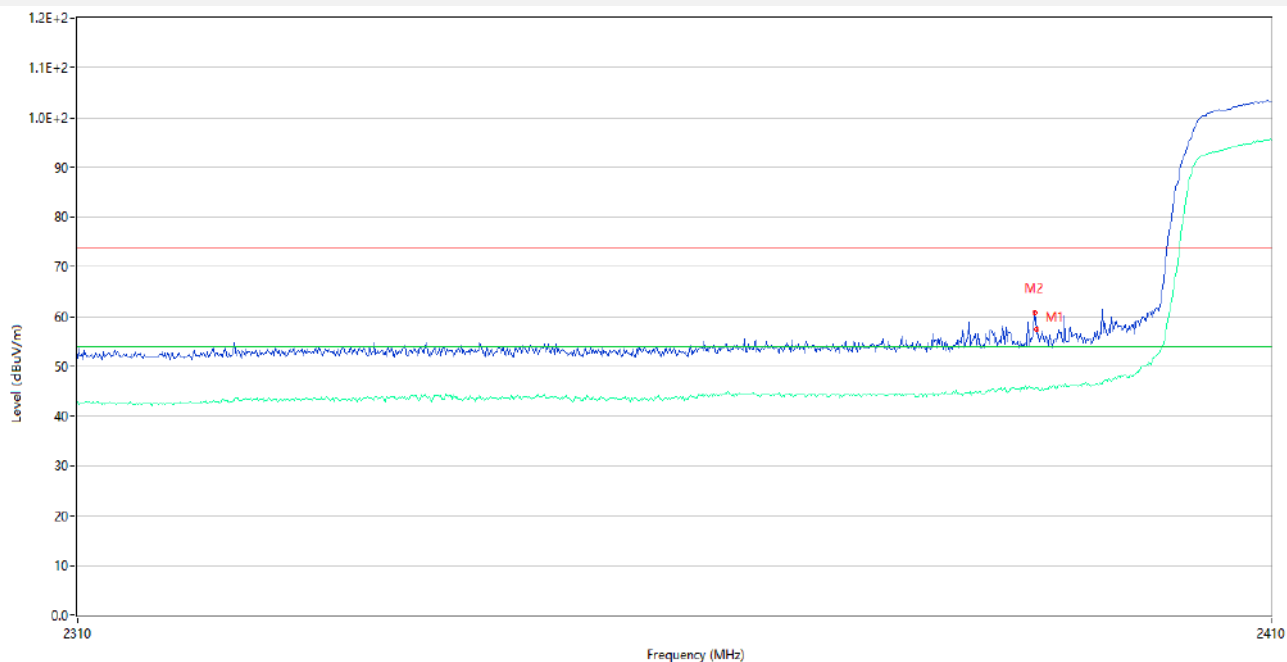
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	67.93	-3.73	74.0	6.07	Peak	229.97	150	Horizontal	Pass
1**	2390.000	48.37	-3.73	54.0	5.63	AV	229.97	150	Horizontal	Pass
2	2389.300	69.19	-3.69	74.0	4.81	Peak	192.00	150	Horizontal	Pass
2**	2389.300	48.61	-3.69	54.0	5.39	AV	192.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



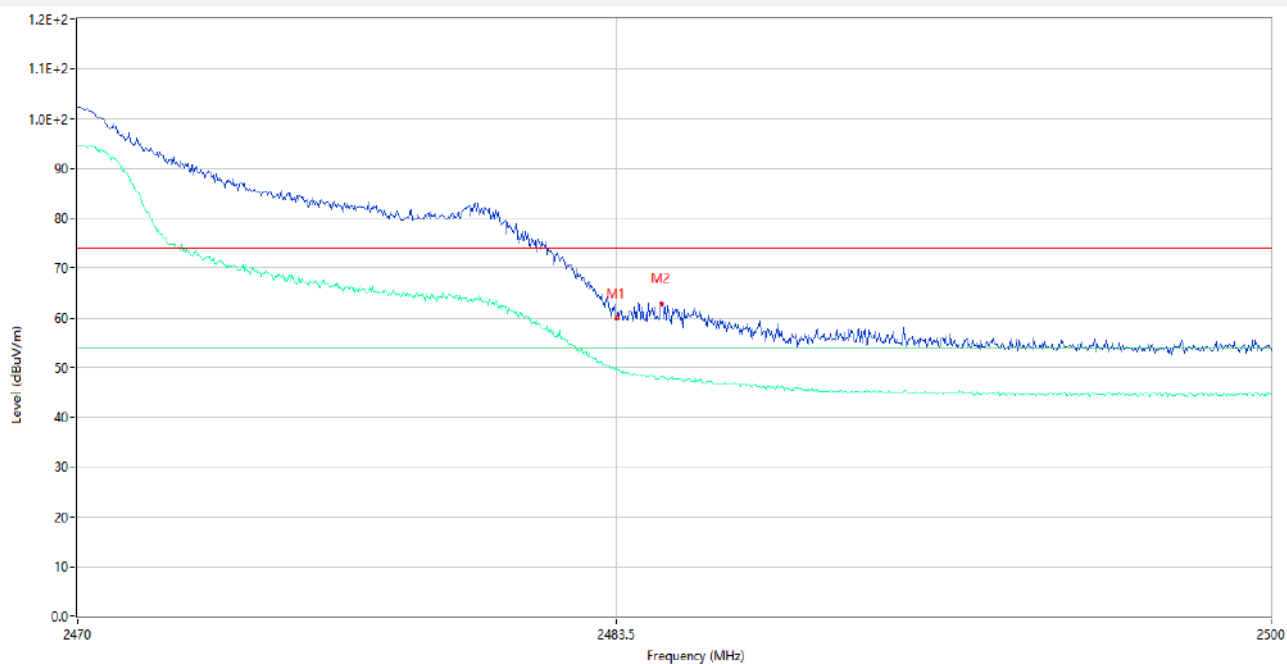
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.65	-2.60	74.0	14.35	Peak	217.00	150	Horizontal	Pass
1**	2483.500	49.18	-2.60	54.0	4.82	AV	217.00	150	Horizontal	Pass
2	2483.650	60.36	-2.60	74.0	13.64	Peak	242.00	150	Horizontal	Pass
2**	2483.650	48.68	-2.60	54.0	5.32	AV	242.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



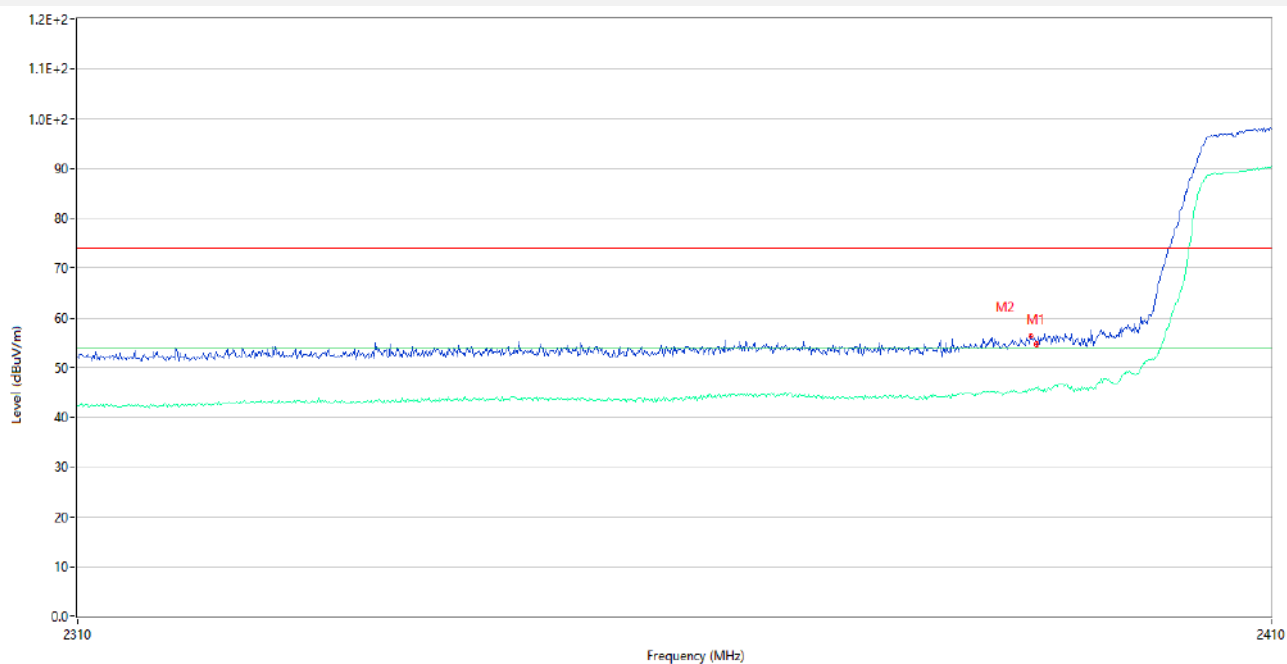
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.45	-3.73	74.0	16.55	Peak	215.97	150	Horizontal	Pass
1**	2390.000	45.57	-3.73	54.0	8.43	AV	215.97	150	Horizontal	Pass
2	2389.900	60.78	-3.72	74.0	13.22	Peak	193.00	150	Horizontal	Pass
2**	2389.900	45.34	-3.72	54.0	8.66	AV	193.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



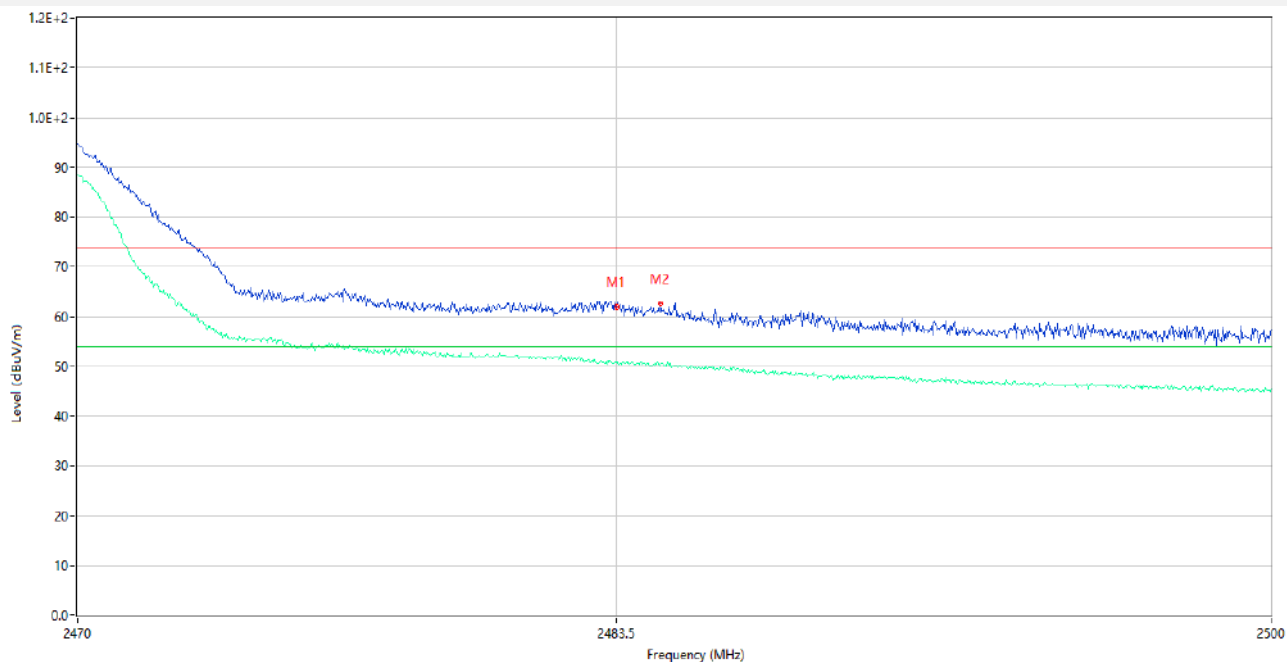
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.96	-2.60	74.0	14.04	Peak	236.00	150	Horizontal	Pass
1**	2483.500	49.86	-2.60	54.0	4.14	AV	236.00	150	Horizontal	Pass
2	2484.640	62.90	-2.61	74.0	11.10	Peak	241.00	150	Horizontal	Pass
2**	2484.640	48.05	-2.61	54.0	5.95	AV	241.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



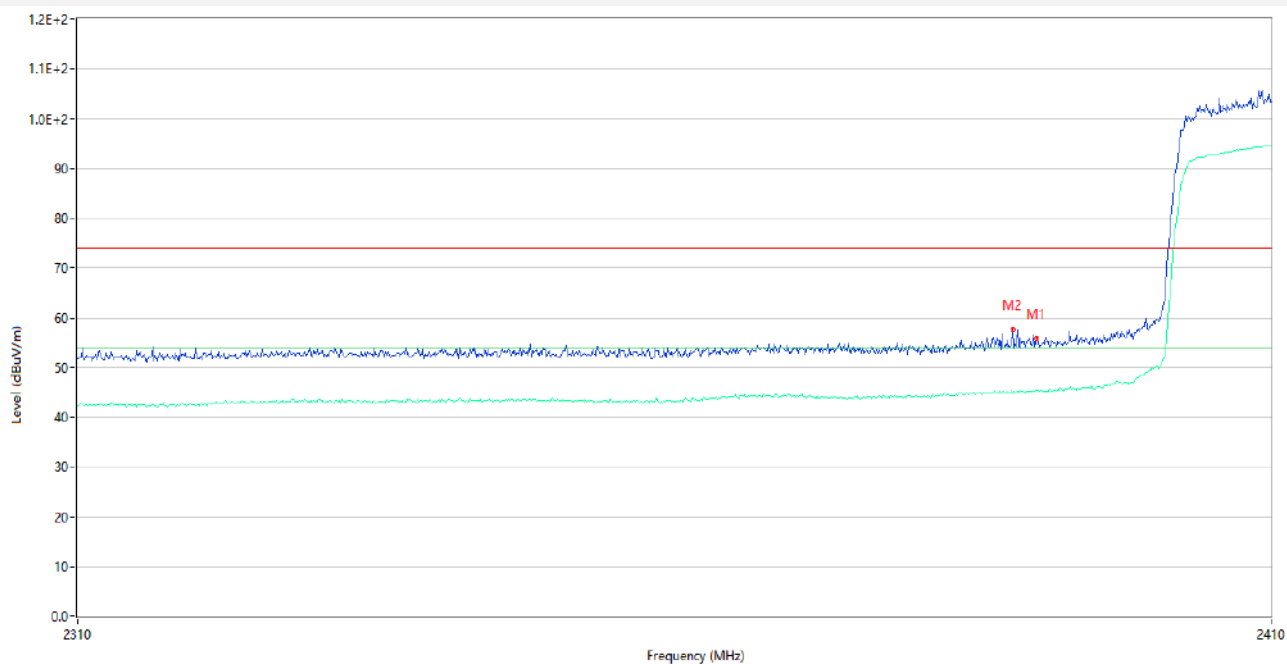
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.10	-3.73	74.0	22.90	Peak	353.01	150	Horizontal	Pass
1**	2390.000	41.98	-3.73	54.0	12.02	AV	353.01	150	Horizontal	Pass
2	2389.500	56.29	-3.70	74.0	17.71	Peak	229.00	150	Horizontal	Pass
2**	2389.500	45.51	-3.70	54.0	8.49	AV	229.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



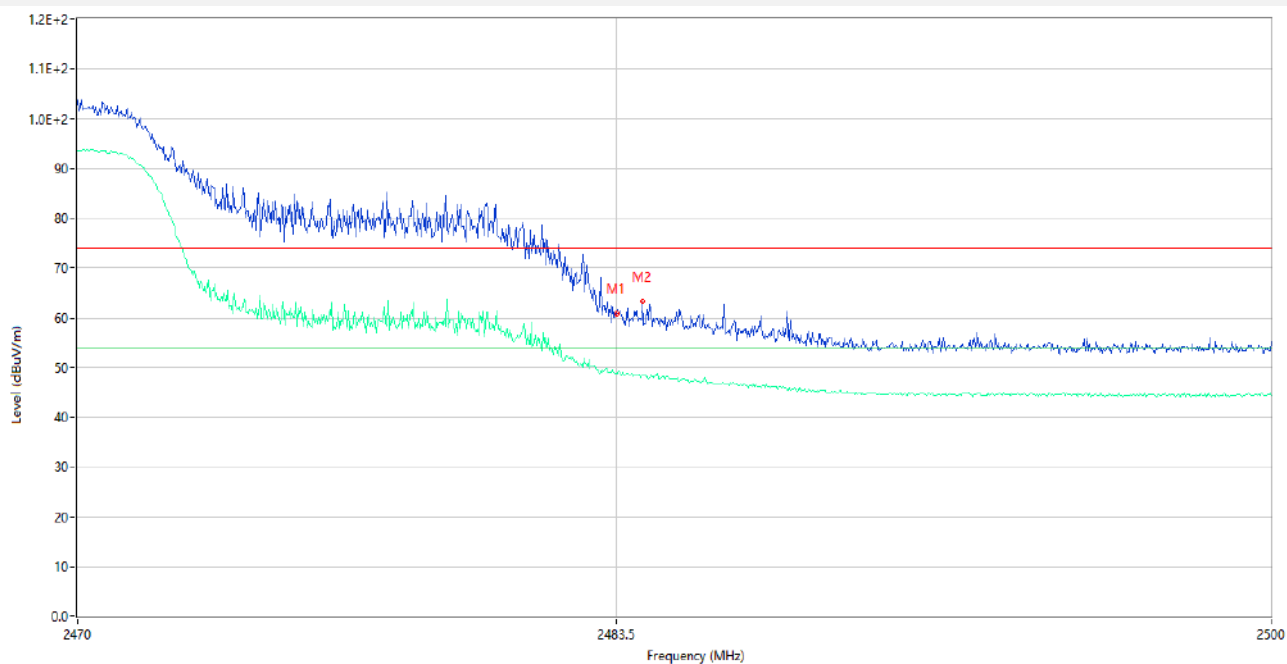
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.89	-2.60	74.0	12.11	Peak	228.00	150	Horizontal	Pass
1**	2483.500	50.87	-2.60	54.0	3.13	AV	228.00	150	Horizontal	Pass
2	2484.610	62.66	-2.61	74.0	11.34	Peak	243.00	150	Horizontal	Pass
2**	2484.610	50.41	-2.61	54.0	3.59	AV	243.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



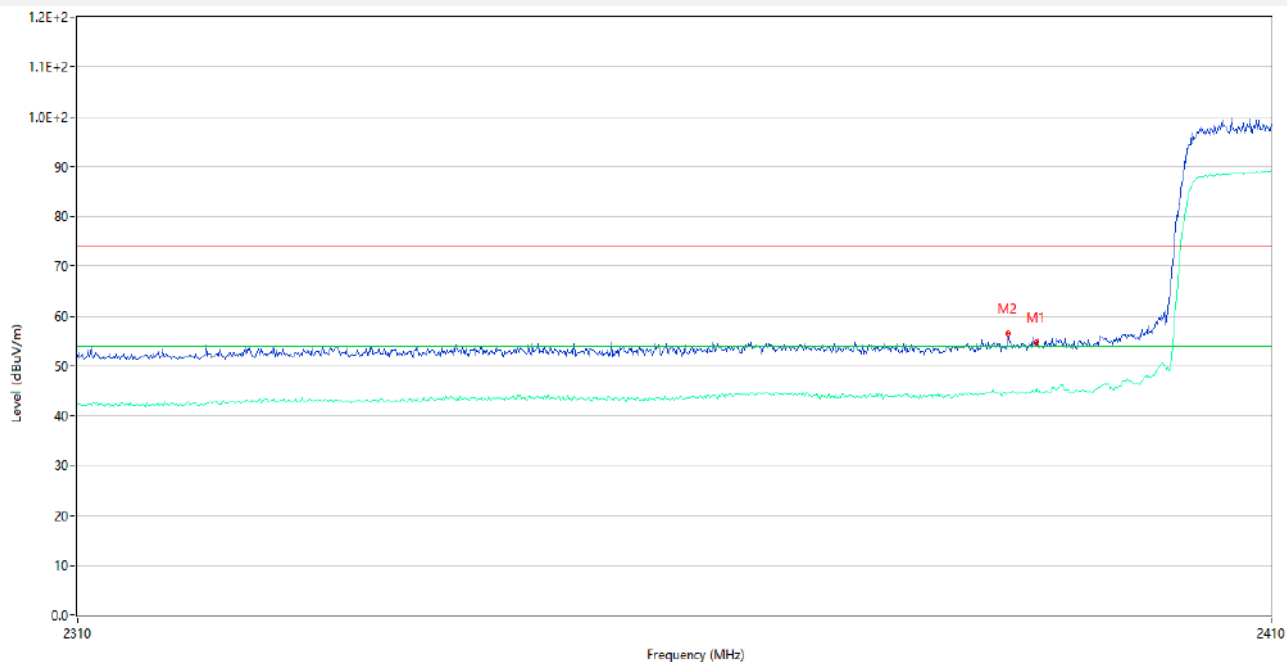
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	55.72	-3.73	74.0	18.28	Peak	193.02	150	Horizontal	Pass
1**	2390.000	45.41	-3.73	54.0	8.59	AV	193.02	150	Horizontal	Pass
2	2388.000	57.61	-3.62	74.0	16.39	Peak	274.00	150	Horizontal	Pass
2**	2388.000	45.03	-3.62	54.0	8.97	AV	274.00	150	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL



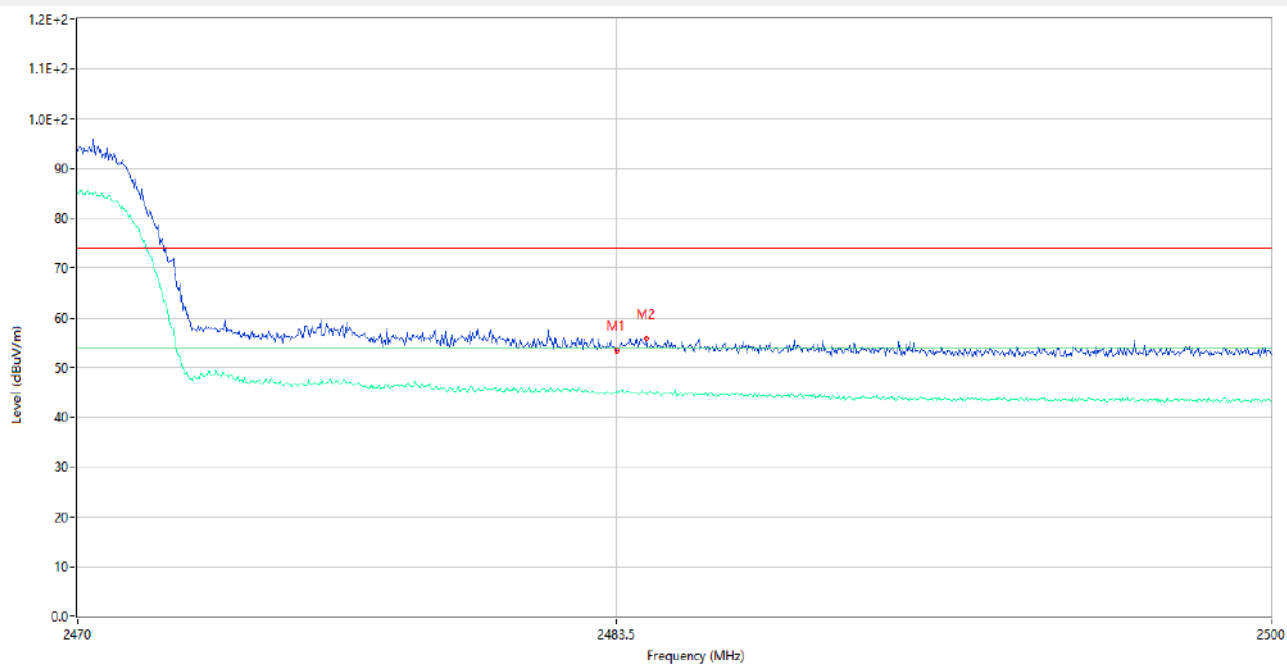
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.80	-2.60	74.0	13.20	Peak	240.00	150	Horizontal	Pass
1**	2483.500	48.75	-2.60	54.0	5.25	AV	240.00	150	Horizontal	Pass
2	2484.160	63.30	-2.61	74.0	10.70	Peak	240.00	150	Horizontal	Pass
2**	2484.160	48.28	-2.61	54.0	5.72	AV	240.00	150	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.65	-3.73	74.0	19.35	Peak	223.03	150	Horizontal	Pass
1**	2390.000	45.40	-3.73	54.0	8.60	AV	223.03	150	Horizontal	Pass
2	2387.600	56.48	-3.60	74.0	17.52	Peak	221.00	150	Horizontal	Pass
2**	2387.600	44.68	-3.60	54.0	9.32	AV	221.00	150	Horizontal	Pass

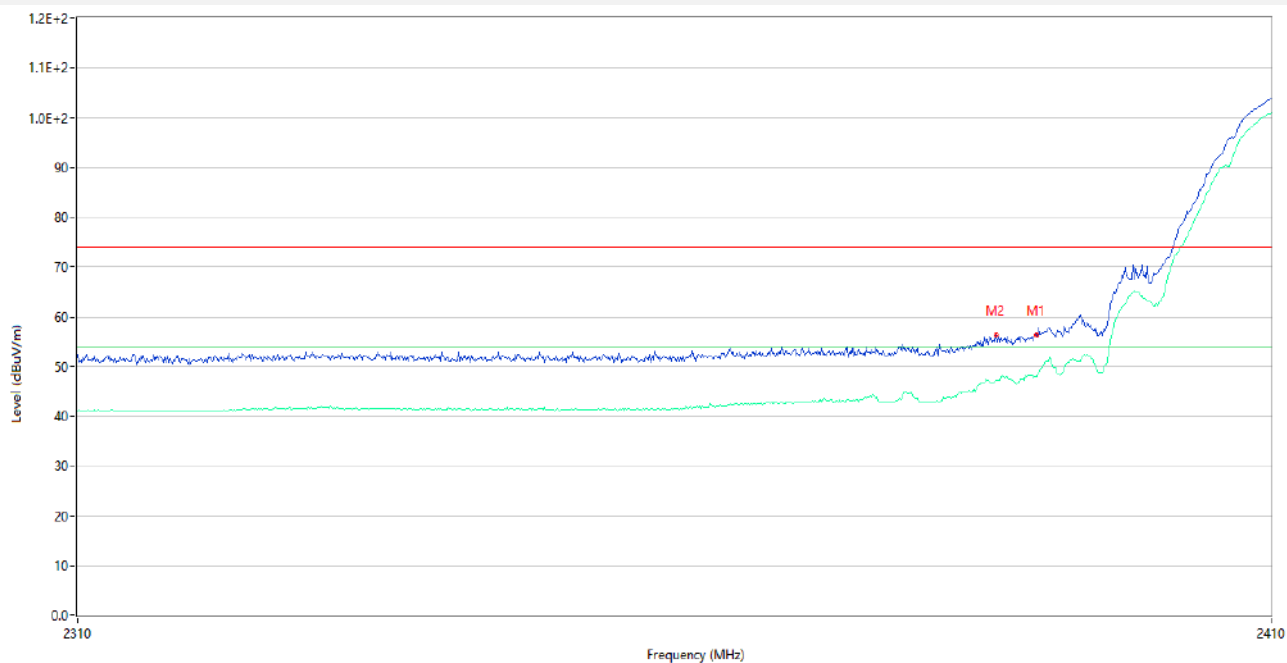
802.11 ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.41	-2.60	74.0	20.59	Peak	218.00	150	Horizontal	Pass
1**	2483.500	45.12	-2.60	54.0	8.88	AV	218.00	150	Horizontal	Pass
2	2484.250	55.83	-2.61	74.0	18.17	Peak	237.00	150	Horizontal	Pass
2**	2484.250	44.93	-2.61	54.0	9.07	AV	237.00	150	Horizontal	Pass

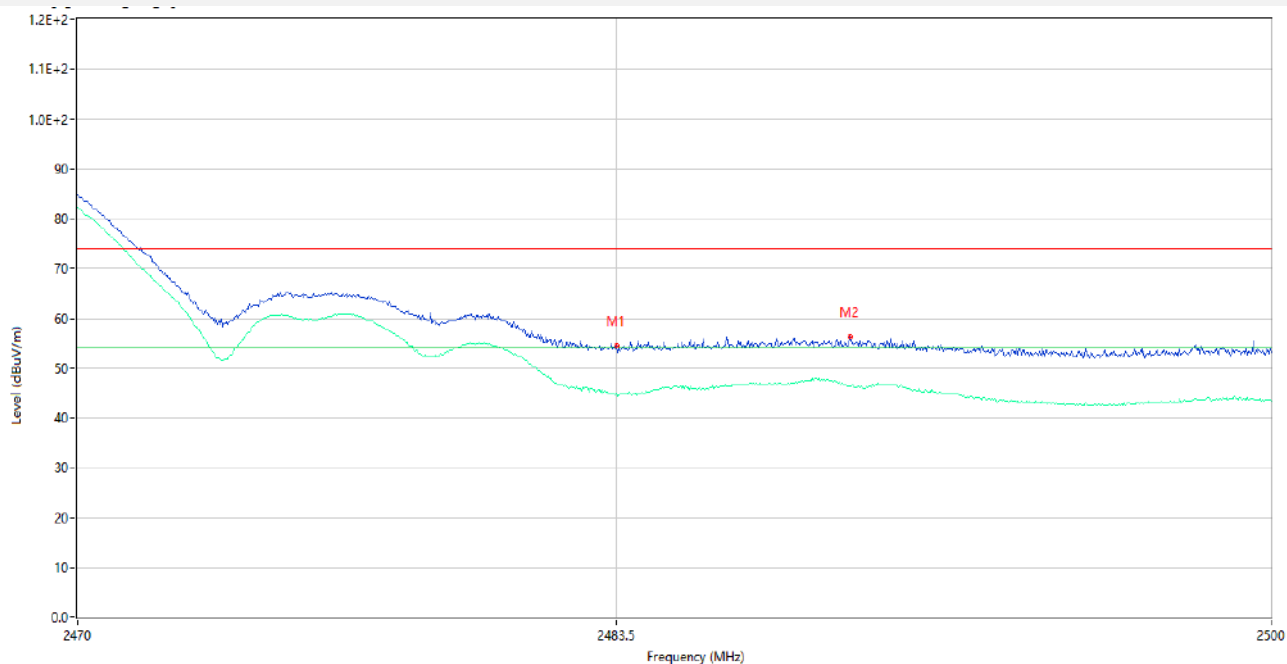
Aux. Antenna:

802.11b LOW CHANNEL



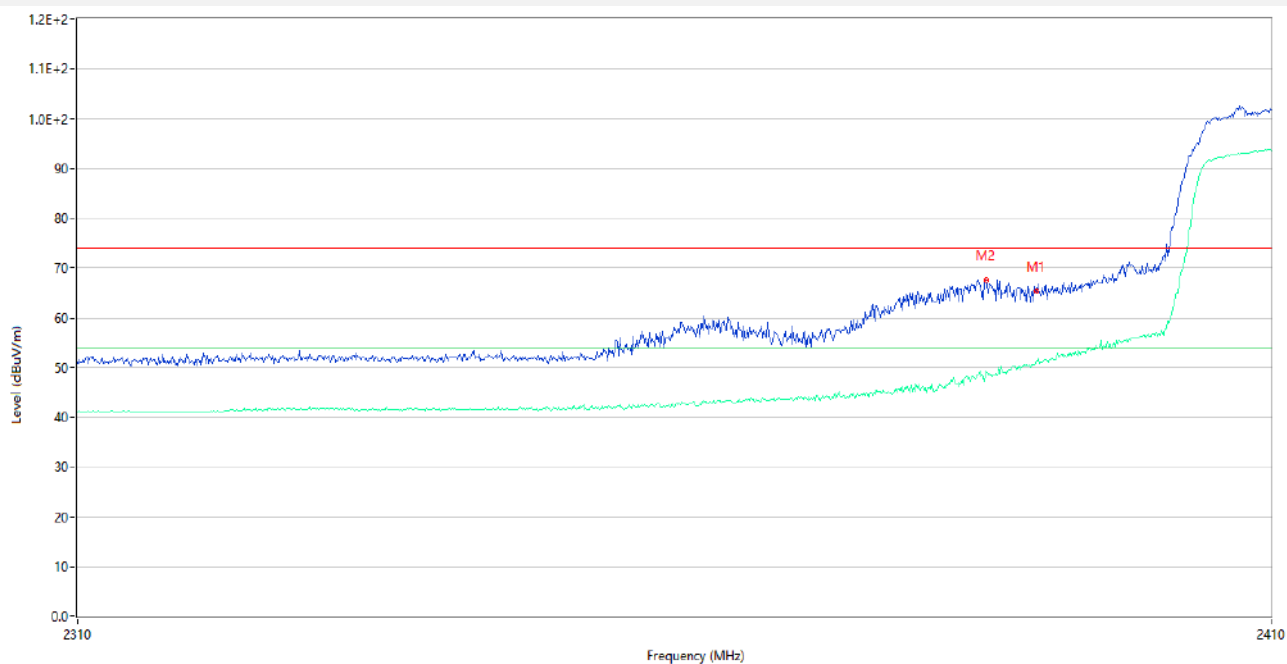
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.34	-3.73	74.0	17.66	Peak	213.01	150	Horizontal	Pass
1**	2390.000	47.87	-3.73	54.0	6.13	AV	213.01	150	Horizontal	Pass
2	2386.600	56.29	-3.54	74.0	17.71	Peak	213.00	150	Horizontal	Pass
2**	2386.600	47.17	-3.54	54.0	6.83	AV	213.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



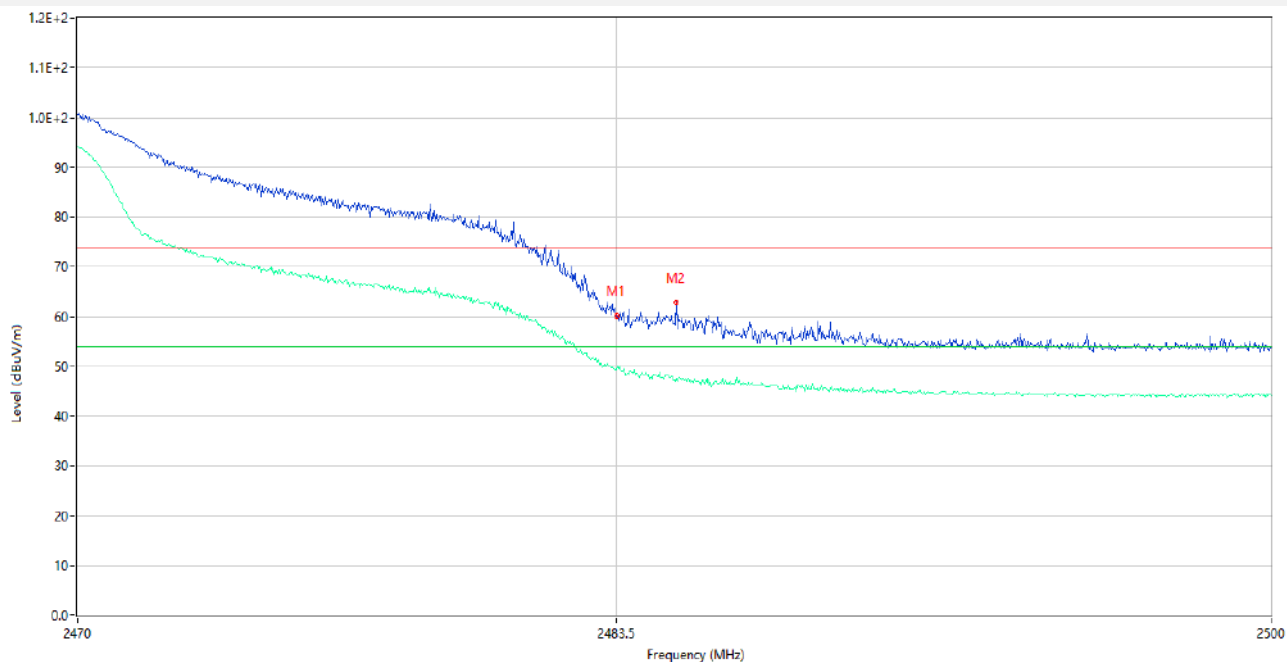
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.45	-2.60	74.0	19.55	Peak	346.00	150	Horizontal	Pass
1**	2483.500	45.03	-2.60	54.0	8.97	AV	346.00	150	Horizontal	Pass
2	2489.380	56.19	-2.69	74.0	17.81	Peak	216.00	150	Horizontal	Pass
2**	2489.380	46.37	-2.69	54.0	7.63	AV	216.00	150	Horizontal	Pass

802.11g LOW CHANNEL



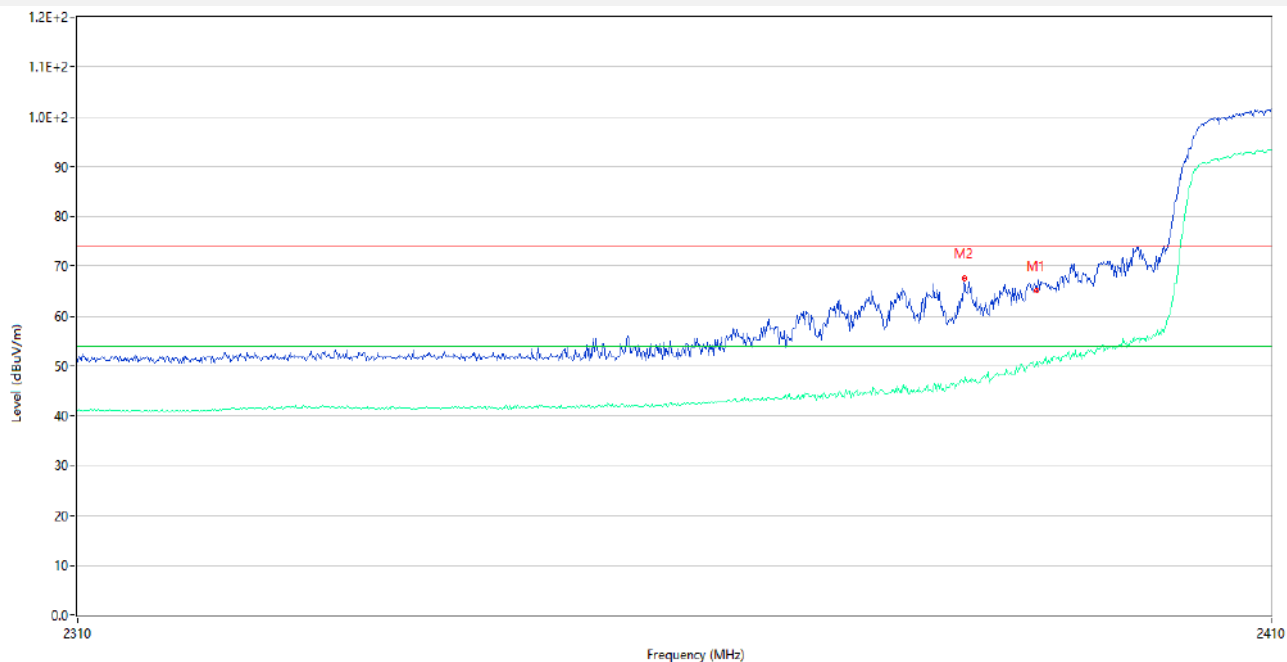
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	65.20	-3.73	74.0	8.80	Peak	236.97	150	Horizontal	Pass
1**	2390.000	51.40	-3.73	54.0	2.60	AV	236.97	150	Horizontal	Pass
2	2385.700	67.63	-3.49	74.0	6.37	Peak	220.00	150	Horizontal	Pass
2**	2385.700	49.25	-3.49	54.0	4.75	AV	220.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



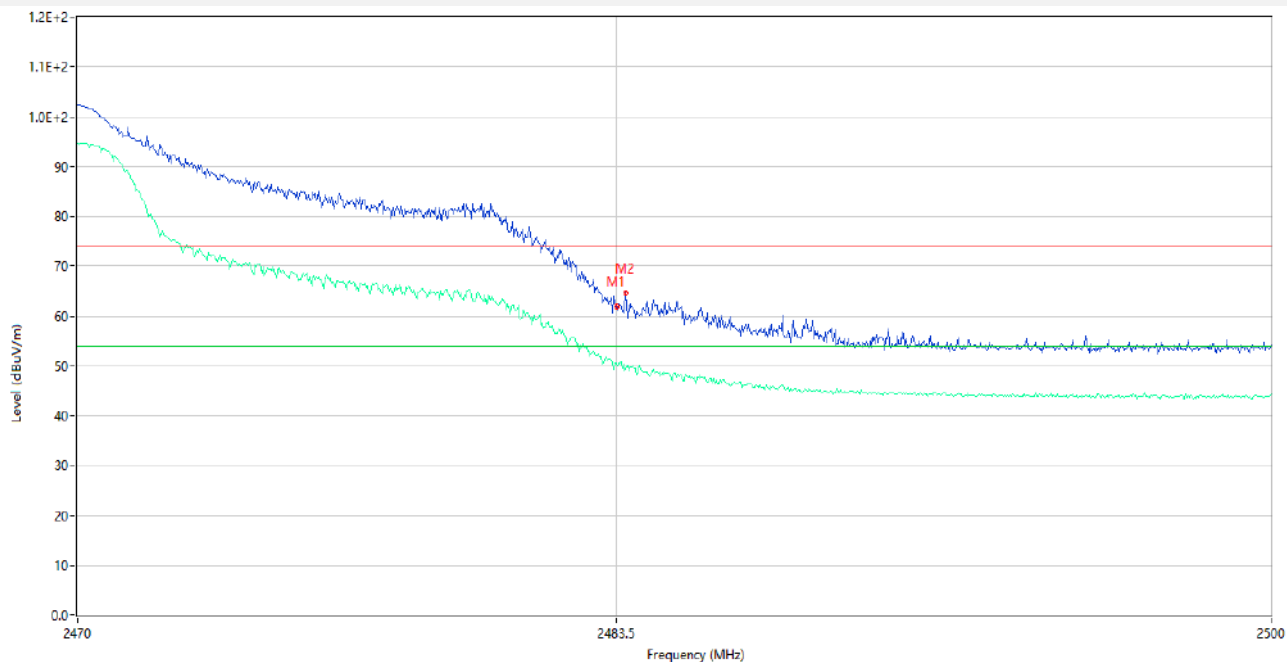
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.16	-2.60	74.0	13.84	Peak	216.00	150	Horizontal	Pass
1**	2483.500	49.30	-2.60	54.0	4.70	AV	216.00	150	Horizontal	Pass
2	2485.000	62.72	-2.62	74.0	11.28	Peak	216.00	150	Horizontal	Pass
2**	2485.000	47.42	-2.62	54.0	6.58	AV	216.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



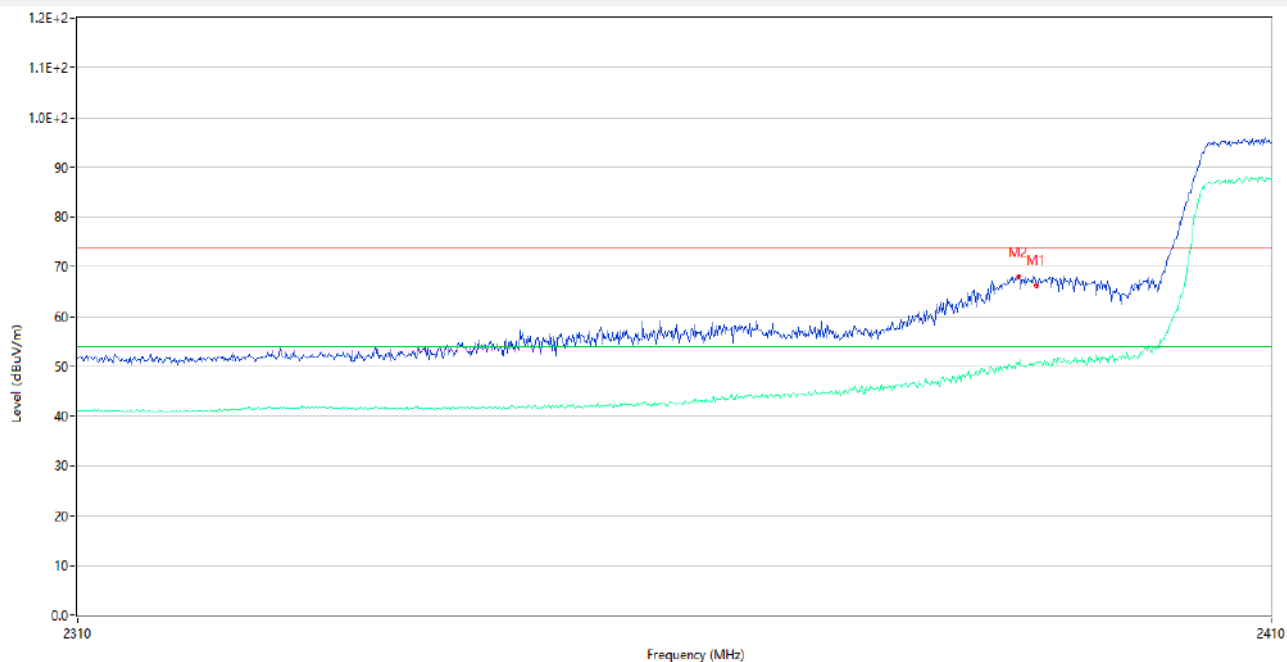
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	65.07	-3.73	74.0	8.93	Peak	229.01	150	Horizontal	Pass
1**	2390.000	50.77	-3.73	54.0	3.23	AV	229.01	150	Horizontal	Pass
2	2383.900	67.52	-3.35	74.0	6.48	Peak	221.00	150	Horizontal	Pass
2**	2383.900	46.46	-3.35	54.0	7.54	AV	221.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



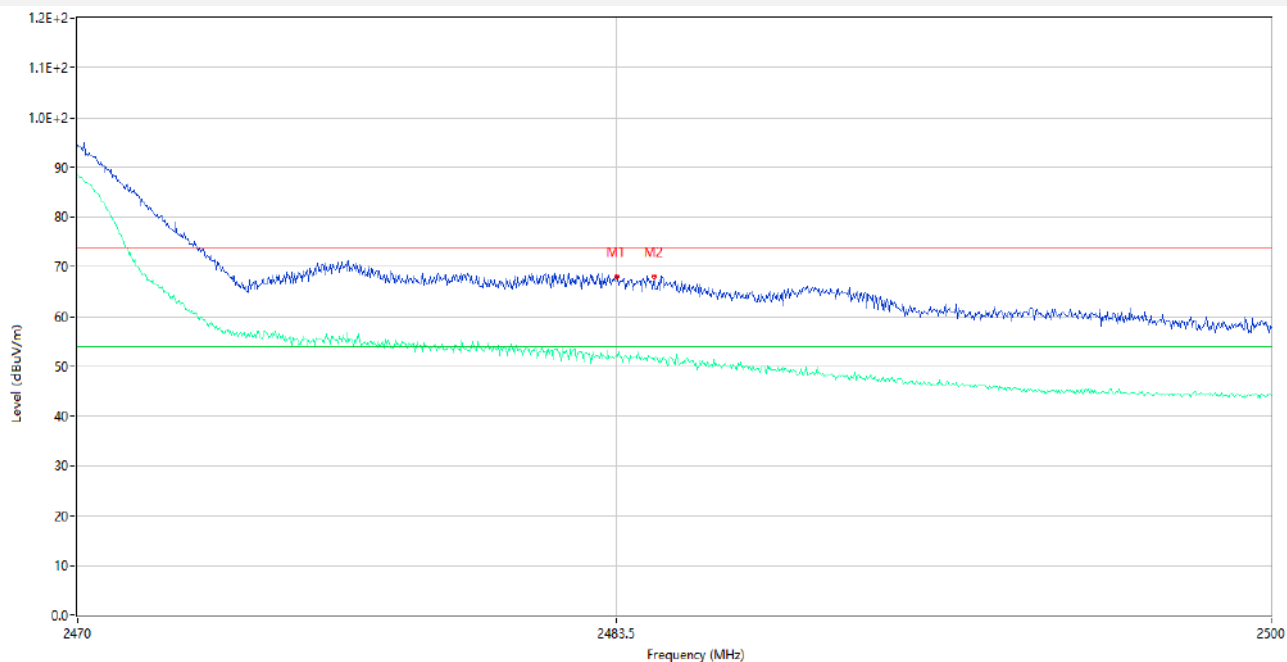
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.95	-2.60	74.0	12.05	Peak	220.00	150	Horizontal	Pass
1**	2483.500	50.56	-2.60	54.0	3.44	AV	220.00	150	Horizontal	Pass
2	2483.740	64.71	-2.60	74.0	9.29	Peak	211.00	150	Horizontal	Pass
2**	2483.740	49.21	-2.60	54.0	4.79	AV	211.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



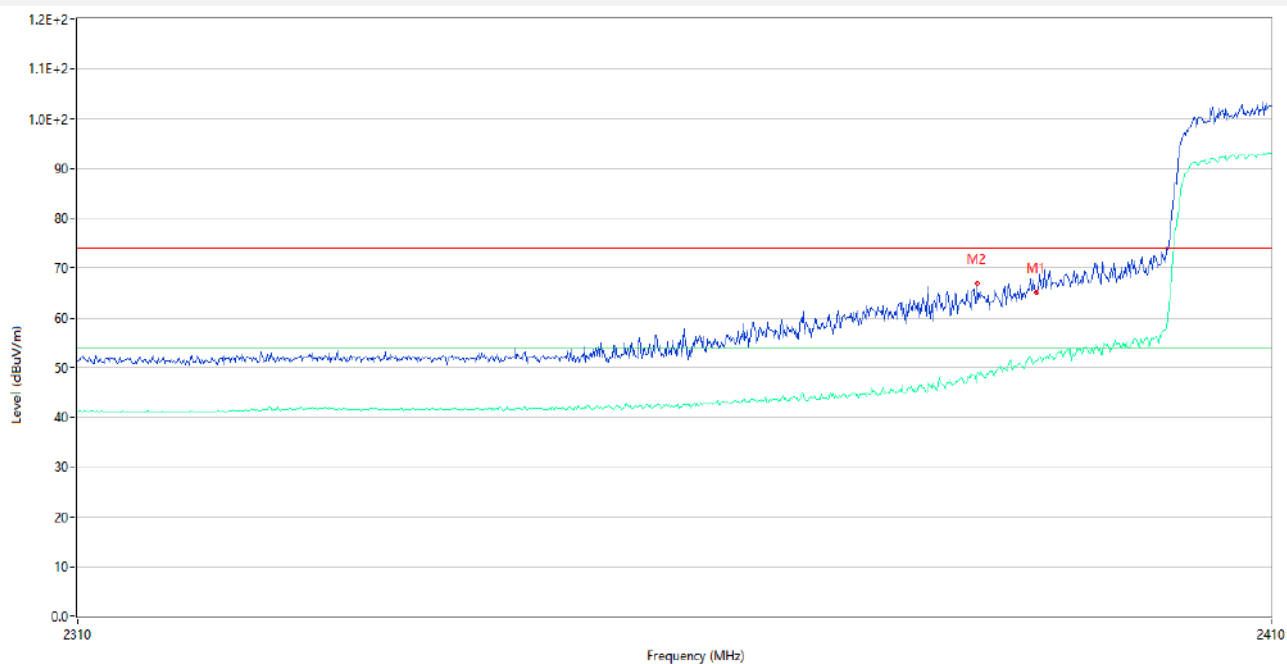
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	66.32	-3.73	74.0	7.68	Peak	219.99	150	Horizontal	Pass
1**	2390.000	50.79	-3.73	54.0	3.21	AV	219.99	150	Horizontal	Pass
2	2388.500	67.96	-3.65	74.0	6.04	Peak	220.00	150	Horizontal	Pass
2**	2388.500	50.29	-3.65	54.0	3.71	AV	220.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



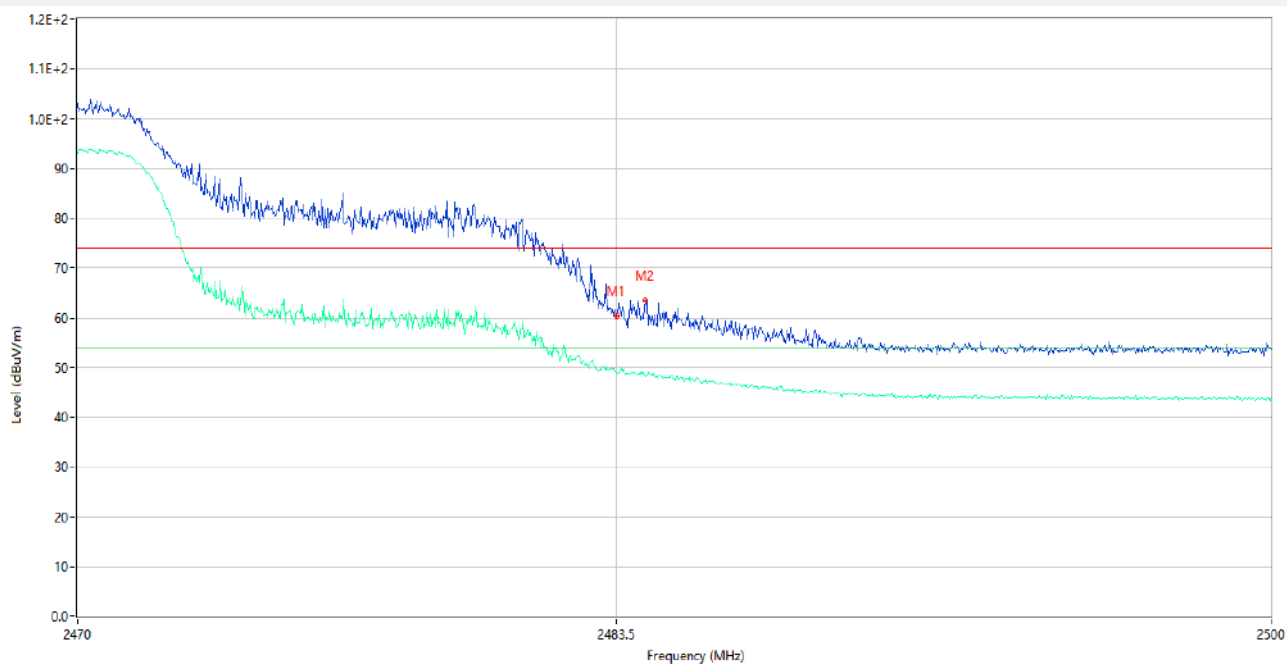
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.94	-2.60	74.0	6.06	Peak	215.00	150	Horizontal	Pass
1**	2483.500	52.09	-2.60	54.0	1.91	AV	215.00	150	Horizontal	Pass
2	2484.460	68.08	-2.61	74.0	5.92	Peak	221.00	150	Horizontal	Pass
2**	2484.460	51.16	-2.61	54.0	2.84	AV	221.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



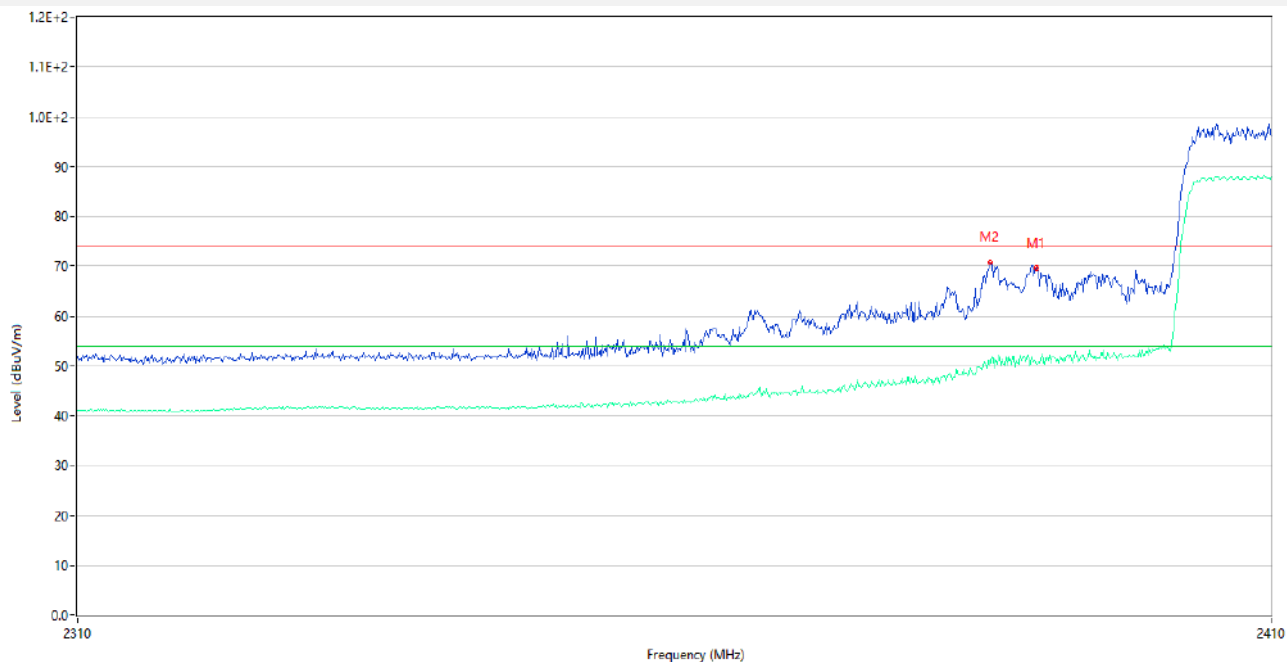
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	65.01	-3.73	74.0	8.99	Peak	241.97	150	Horizontal	Pass
1**	2390.000	51.29	-3.73	54.0	2.71	AV	241.97	150	Horizontal	Pass
2	2385.000	66.83	-3.44	74.0	7.17	Peak	212.00	150	Horizontal	Pass
2**	2385.000	48.66	-3.44	54.0	5.34	AV	212.00	150	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL



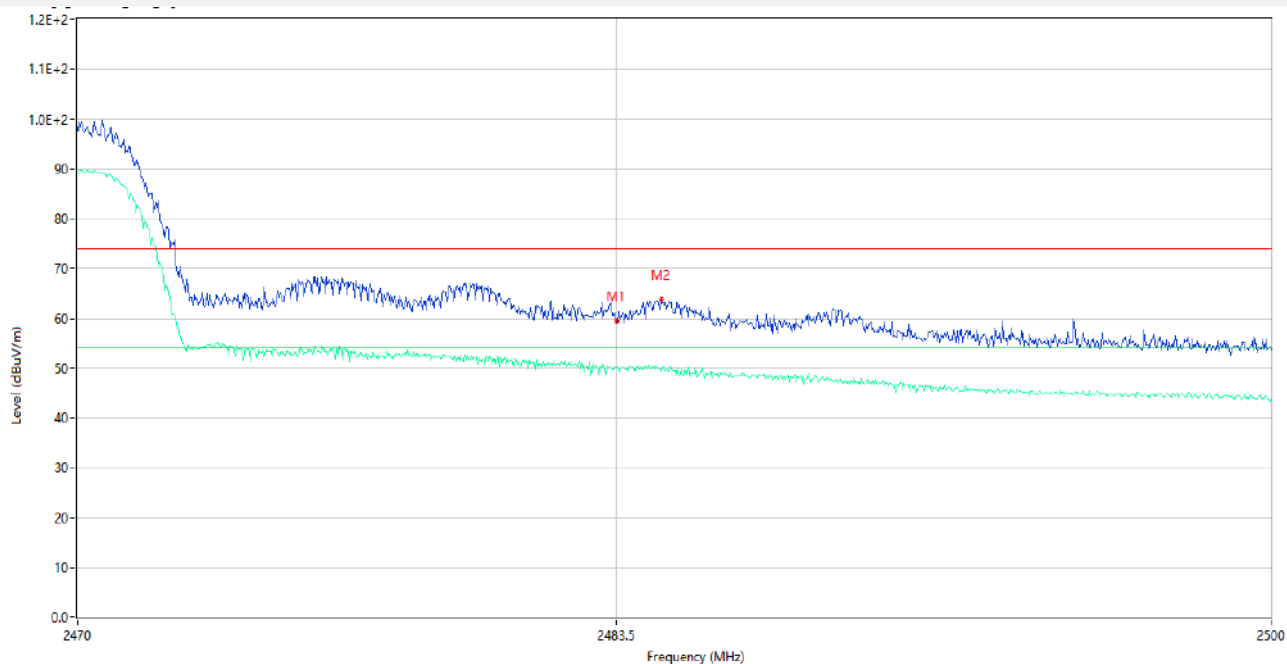
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.37	-2.60	74.0	13.63	Peak	348.00	150	Horizontal	Pass
1**	2483.500	48.98	-2.60	54.0	5.02	AV	348.00	150	Horizontal	Pass
2	2484.220	63.44	-2.61	74.0	10.56	Peak	202.00	150	Horizontal	Pass
2**	2484.220	48.17	-2.61	54.0	5.83	AV	202.00	150	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	69.53	-3.73	74.0	4.47	Peak	223.02	150	Horizontal	Pass
1**	2390.000	50.50	-3.73	54.0	3.50	AV	223.02	150	Horizontal	Pass
2	2386.100	70.63	-3.52	74.0	3.37	Peak	221.00	150	Horizontal	Pass
2**	2386.100	50.22	-3.52	54.0	3.78	AV	221.00	150	Horizontal	Pass

802.11ax40(SU) 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	59.52	-2.60	74.0	14.48	Peak	219.00	150	Horizontal	Pass
1**	2483.500	50.27	-2.60	54.0	3.73	AV	219.00	150	Horizontal	Pass
2	2484.640	63.77	-2.61	74.0	10.23	Peak	222.00	150	Horizontal	Pass
2**	2484.640	49.55	-2.61	54.0	4.45	AV	222.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

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

Test Data

Main Antenna:

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-4.91	8
Middle	-6.98	8
High	-6.40	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.93	8
Middle	-11.03	8
High	-10.86	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.39	8
Middle	-9.76	8
High	-9.83	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.51	8
Middle	-14.41	8
High	-13.79	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.75	8
Middle	-10.95	8
High	-10.72	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.53	8
Middle	-14.41	8
High	-14.62	8

Aux. Antenna:

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.09	8
Middle	-5.73	8
High	-5.09	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.48	8
Middle	-9.18	8
High	-9.29	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.73	8
Middle	-8.87	8
High	-9.54	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.78	8
Middle	-13.59	8
High	-14.11	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.54	8
Middle	-9.50	8
High	-9.43	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.57	8
Middle	-15.23	8
High	-14.45	8

MIMO:

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-1.99	5.94
Middle	-3.30	5.94
High	-2.69	5.94

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.69	5.94
Middle	-7.00	5.94
High	-7.00	5.94

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.47	8
Middle	-6.28	8
High	-6.67	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.54	8
Middle	-10.97	8
High	-10.94	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.49	8
Middle	-7.15	8
High	-7.02	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.54	8
Middle	-11.79	8
High	-11.52	8

Test Plots

Main Antenna:

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



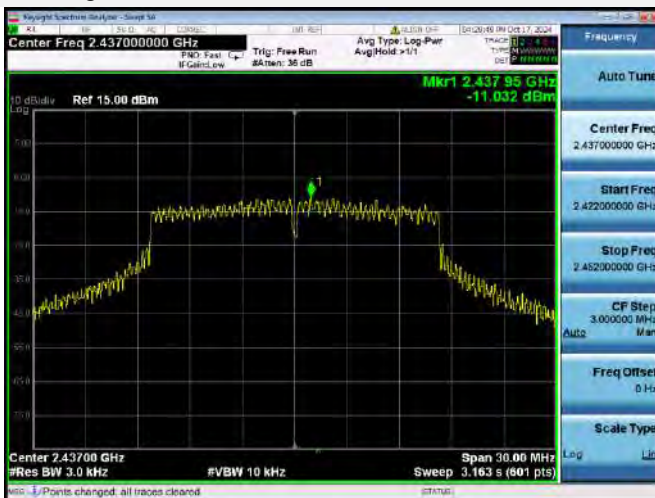
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



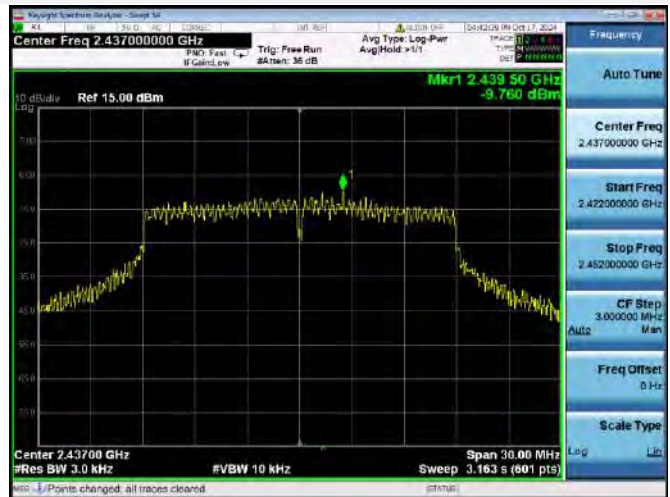
802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



802.11 n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



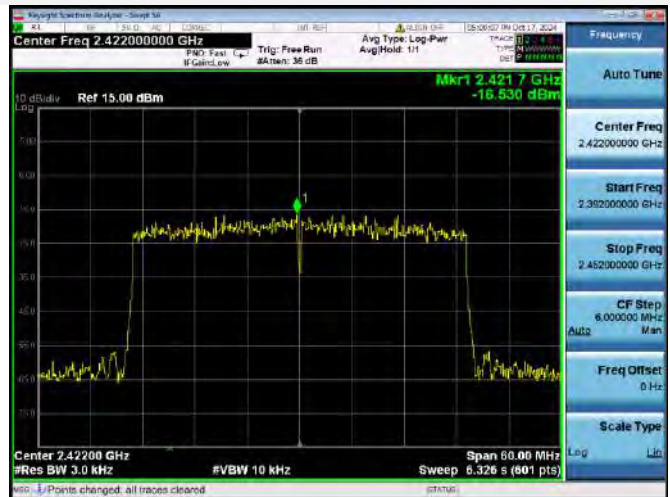
802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



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



802.11 n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SH2490677-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SH2490677-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SH2490677-AI.PDF”.

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--END OF REPORT--