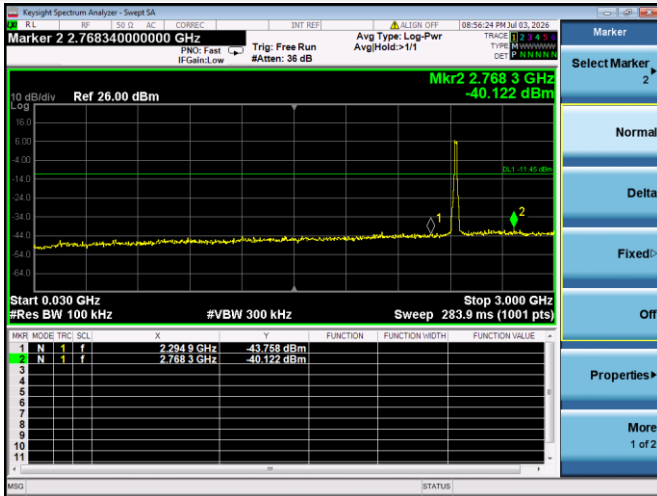
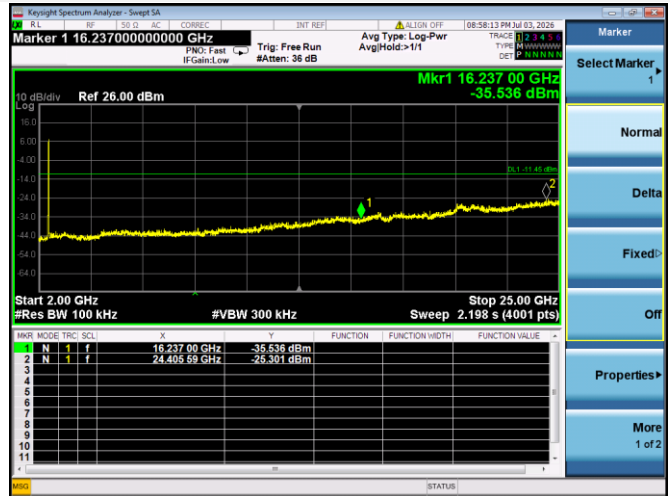


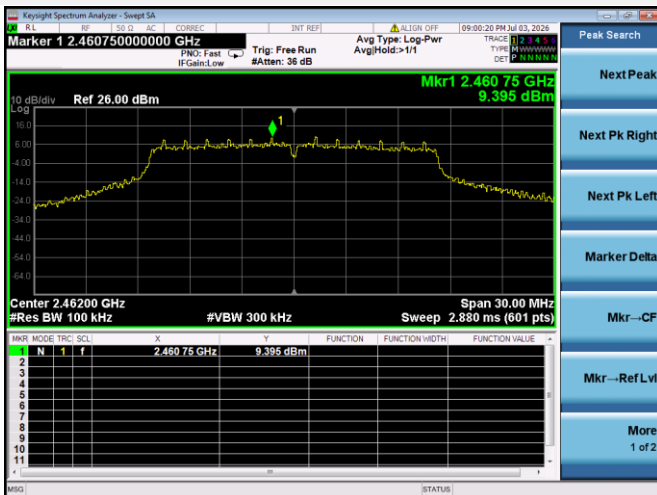
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



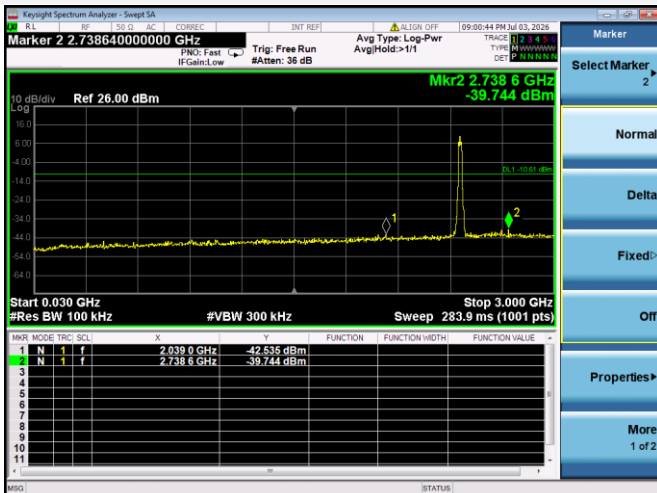
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



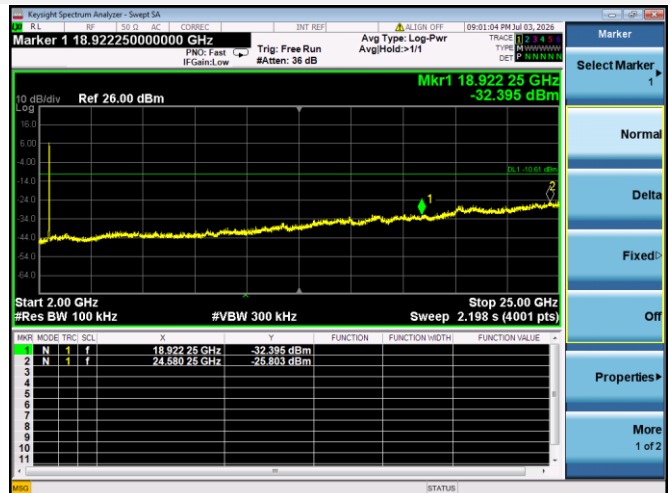
802.11g HIGH CHANNEL CARRIER LEVEL



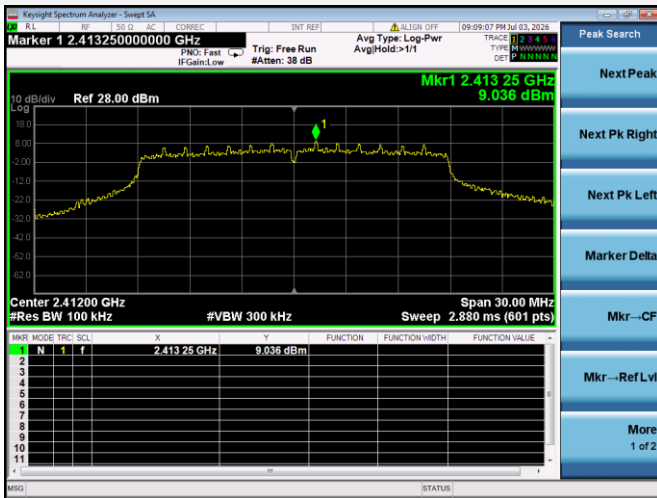
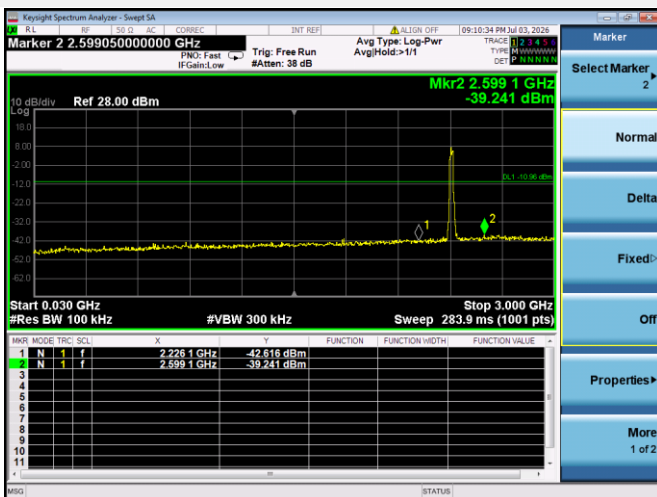
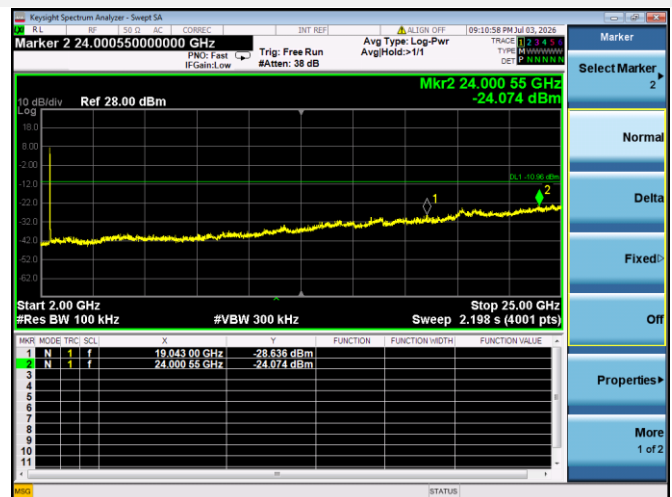
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



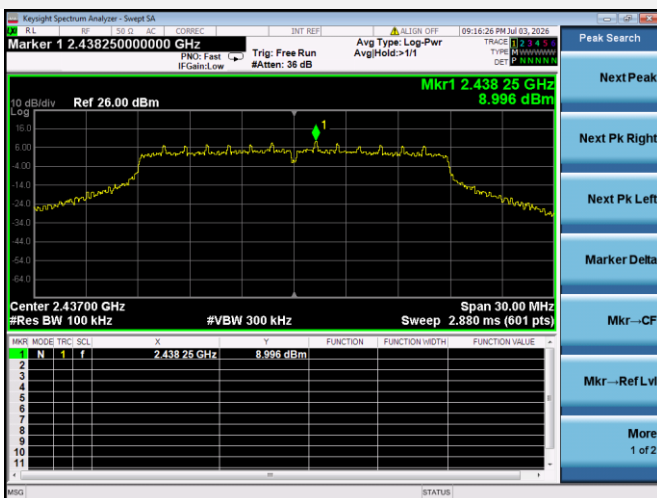
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



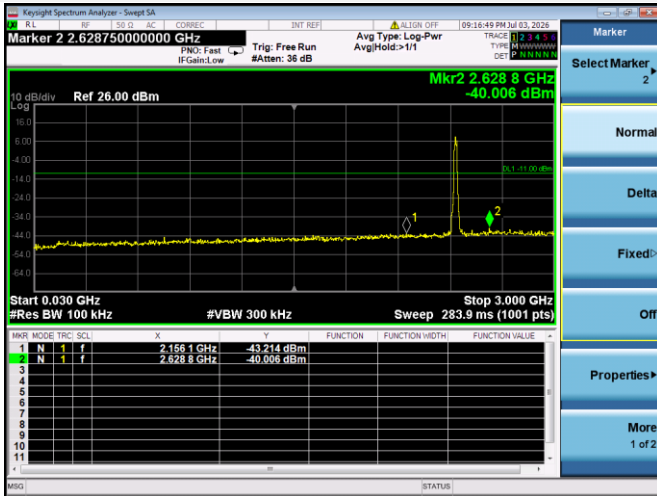
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

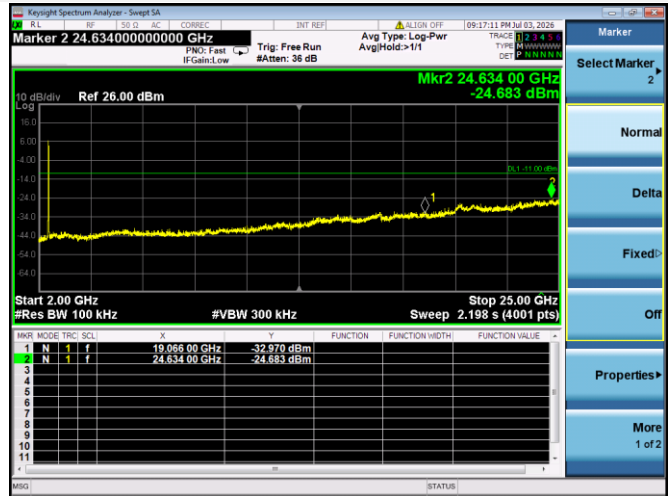
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



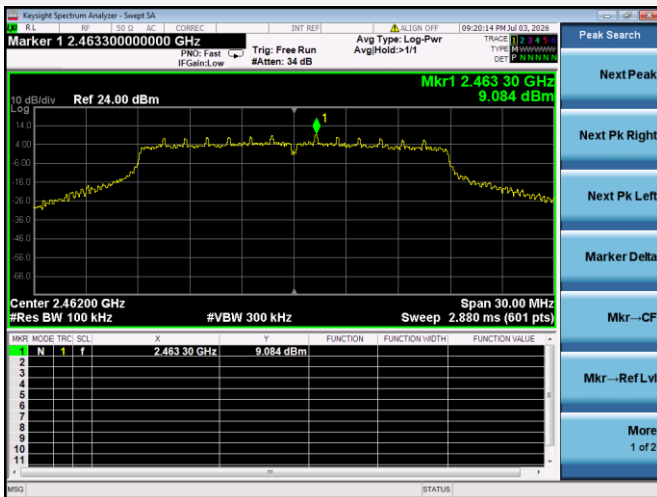
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



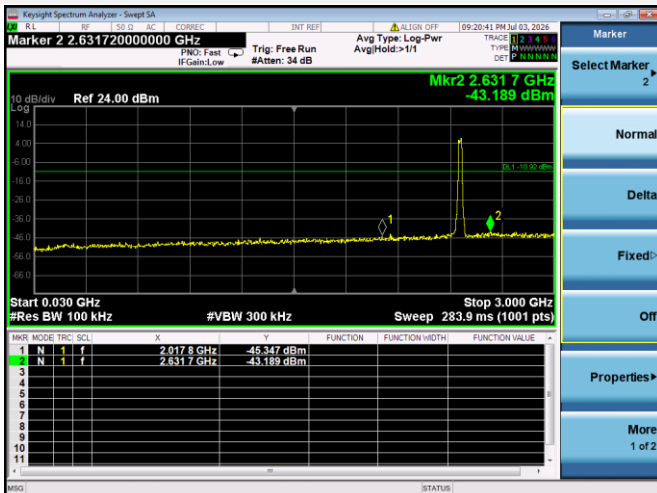
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



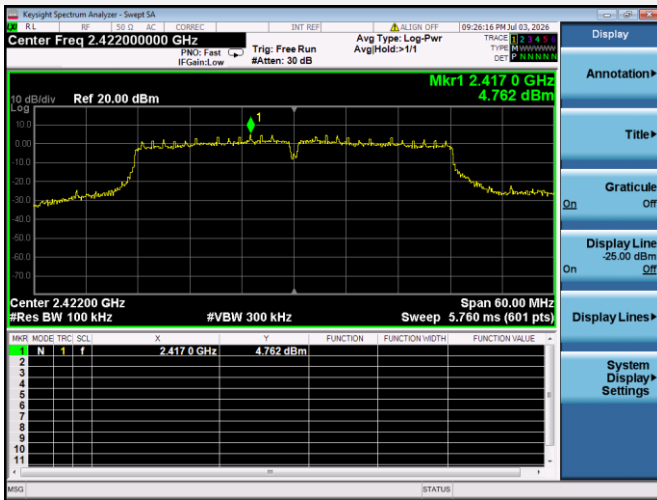
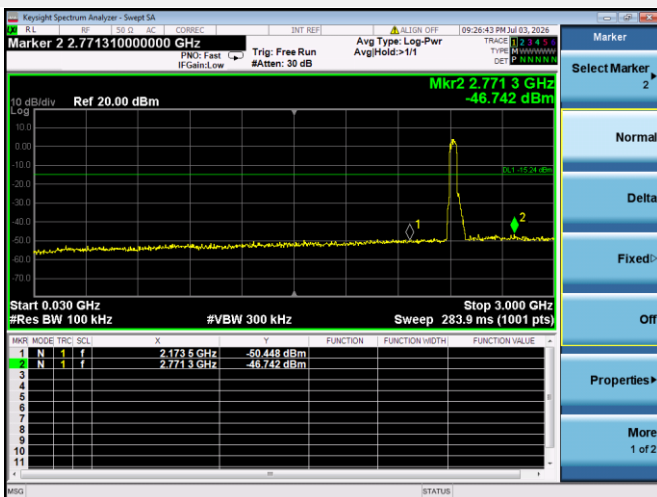
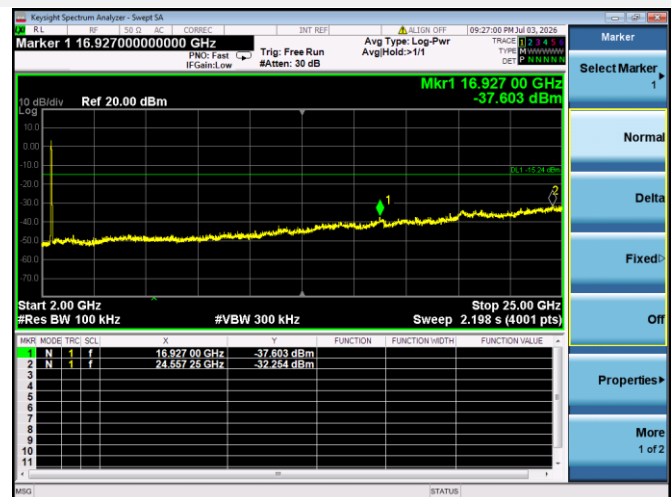
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



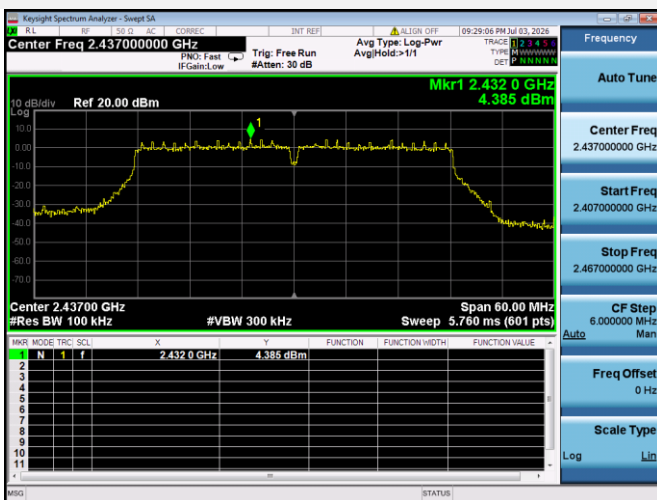
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



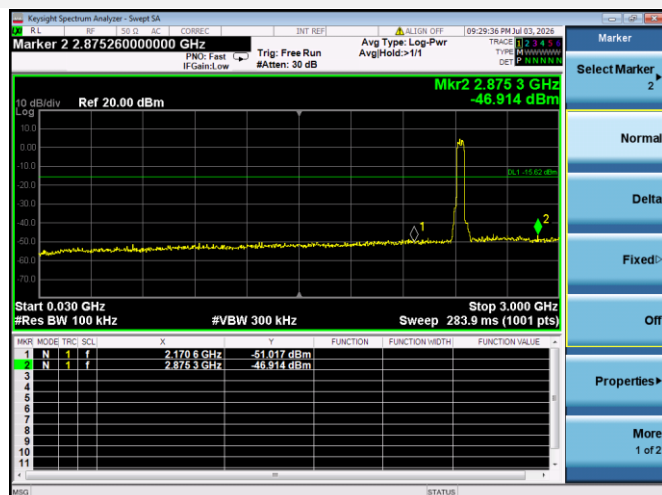
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

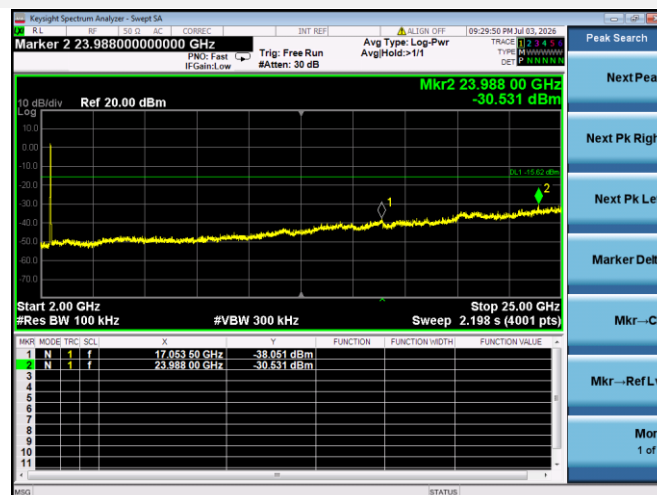
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



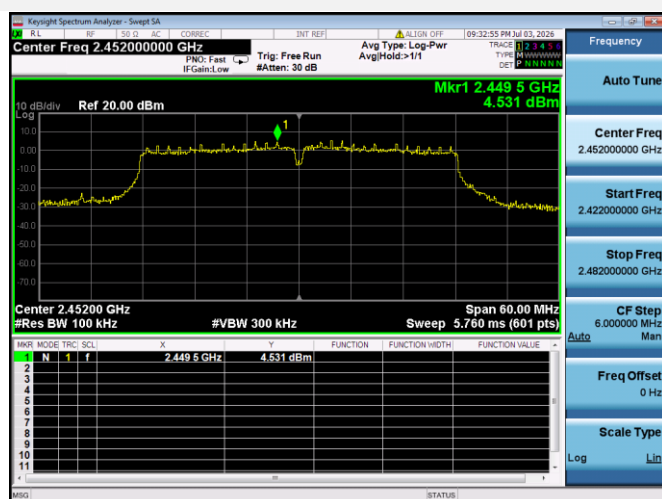
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



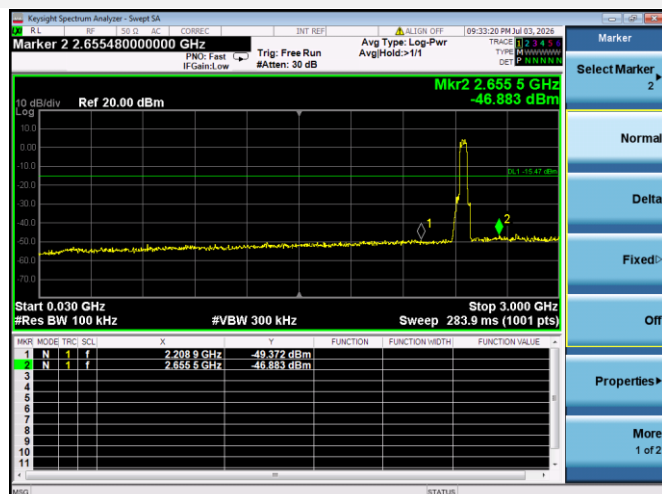
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



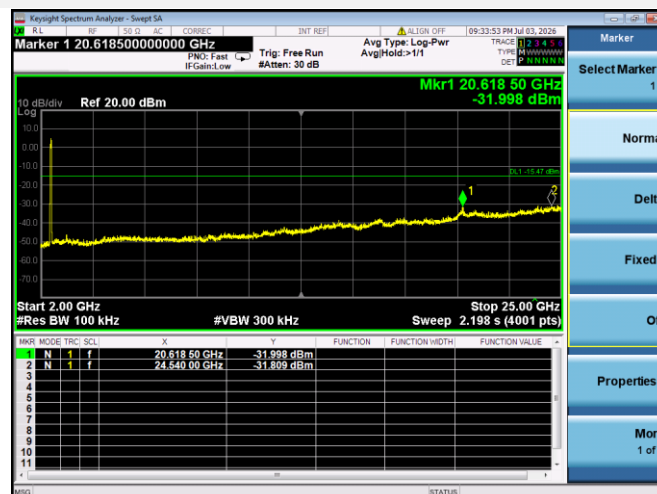
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

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

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.87	9.48	-10.52	Pass
High Channel	-47.82	10.19	-9.81	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.21	9.85	-10.15	Pass
High Channel	-33.73	9.40	-10.61	Pass

802.11n-20 MHz Mode:

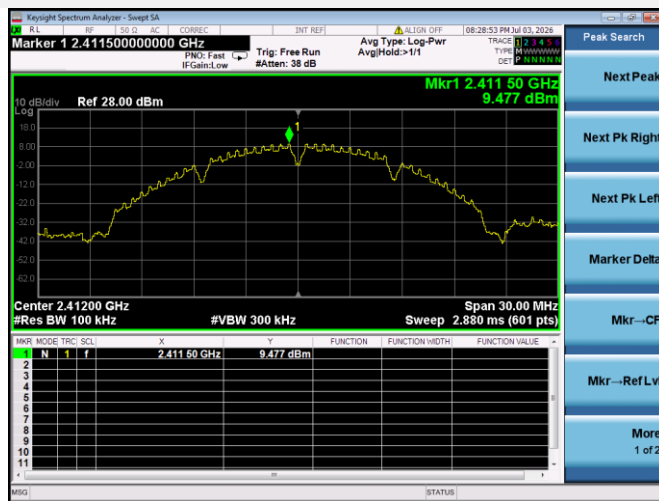
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.56	9.04	-10.96	Pass
High Channel	-40.67	9.08	-10.92	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.70	4.76	-15.24	Pass
High Channel	-28.43	4.53	-15.47	Pass

Test Plots

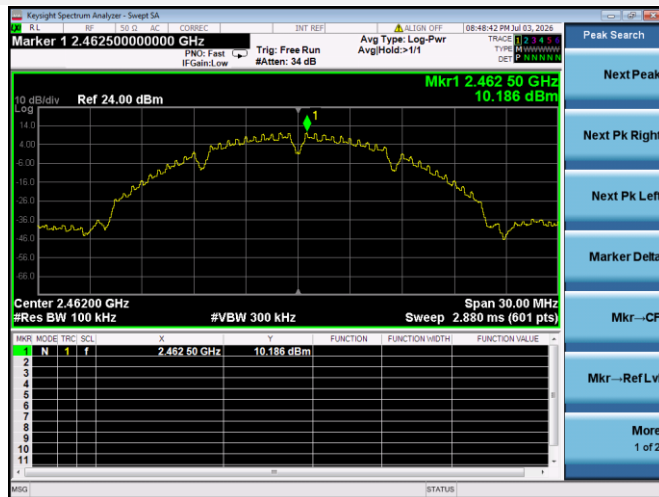
802.11b LOW CHANNEL, CARRIER LEVEL



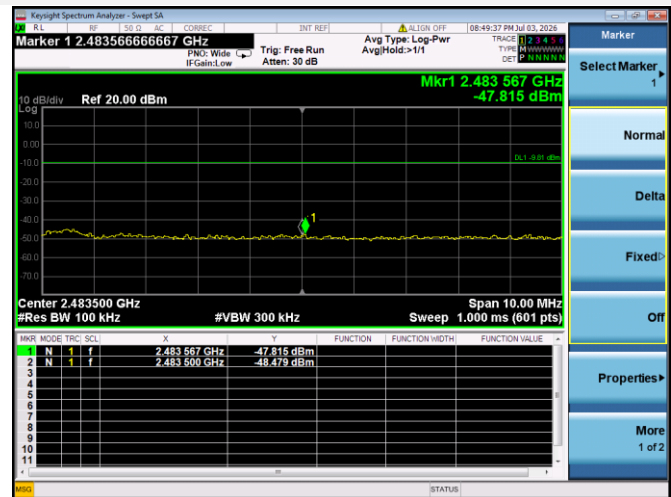
802.11b LOW CHANNEL, BAND EDGE



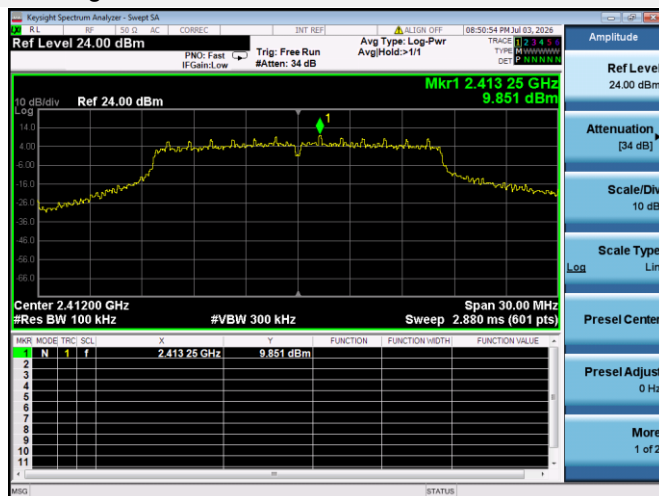
802.11b HIGH CHANNEL, CARRIER LEVEL



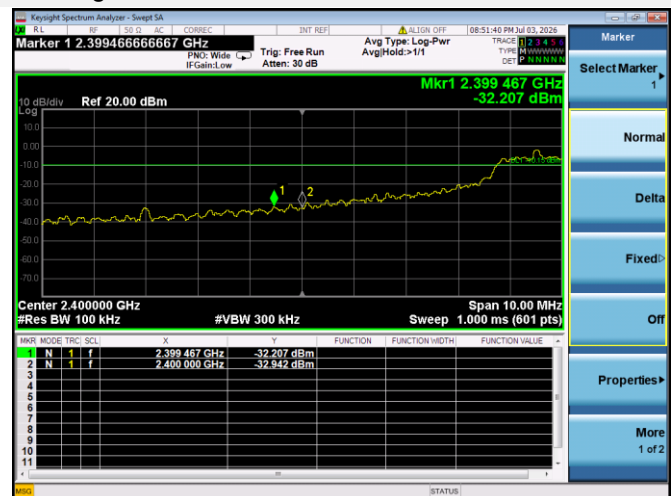
802.11b HIGH CHANNEL, BAND EDGE



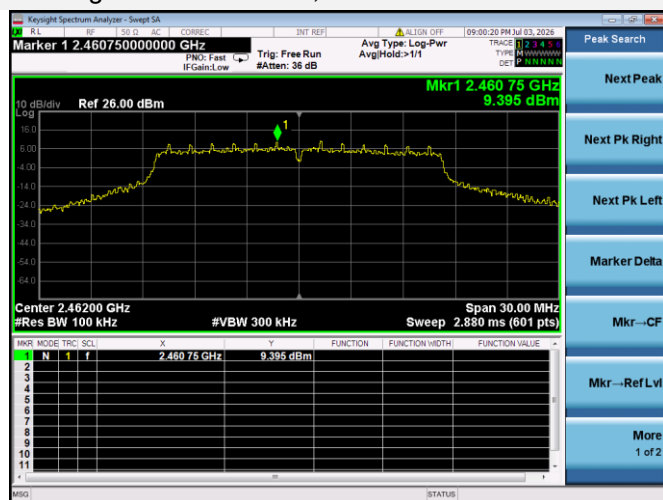
802.11g LOW CHANNEL, CARRIER LEVEL



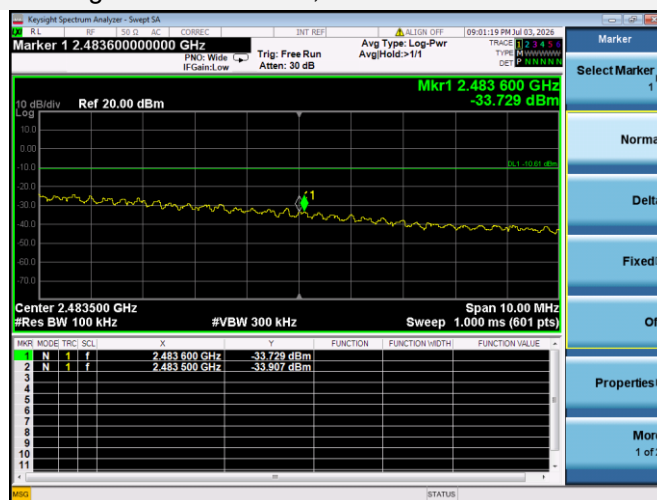
802.11g LOW CHANNEL, BAND EDGE



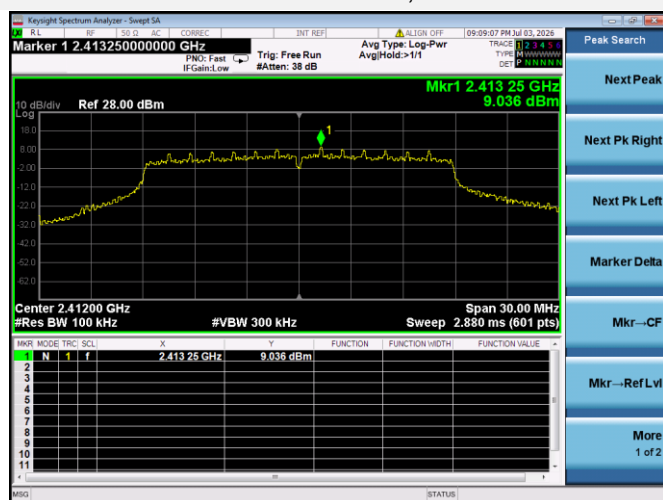
802.11g HIGH CHANNEL, CARRIER LEVEL



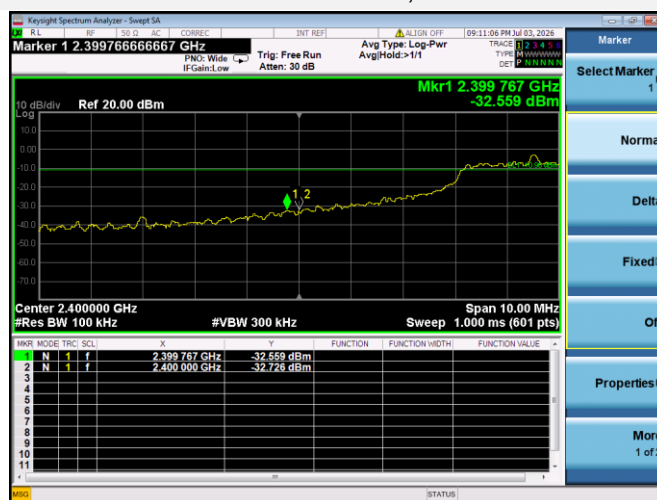
802.11g HIGH CHANNEL, BAND EDGE



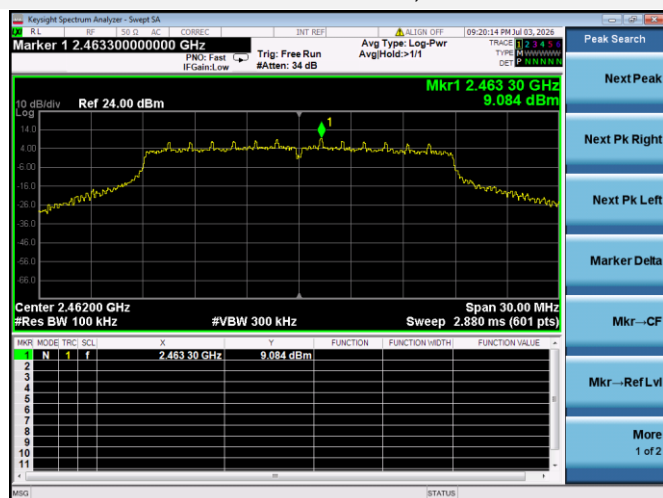
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



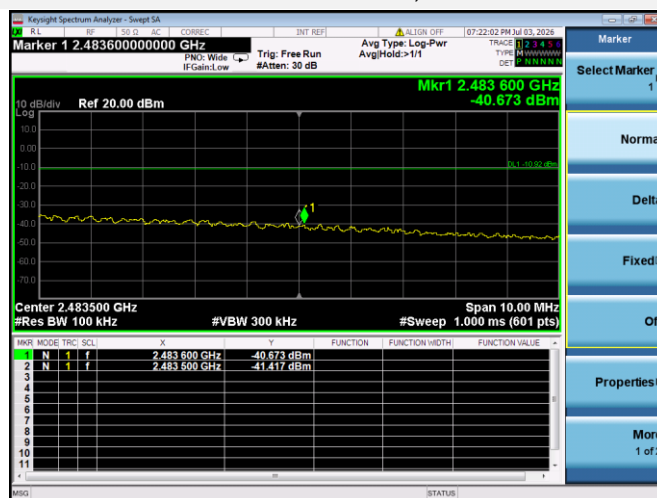
802.11n-20 MHz LOW CHANNEL, BAND EDGE



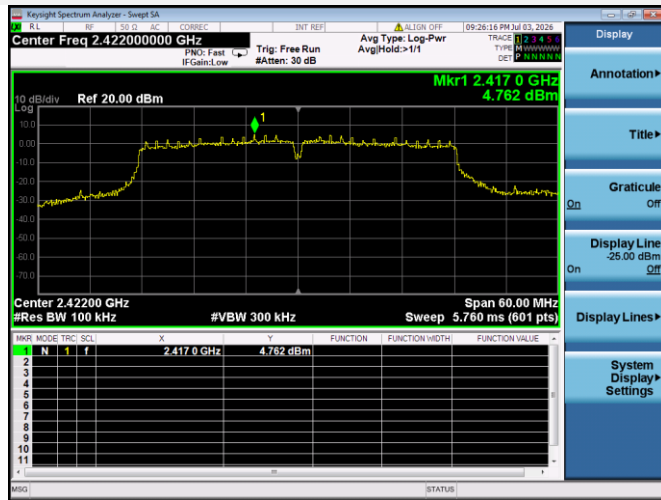
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



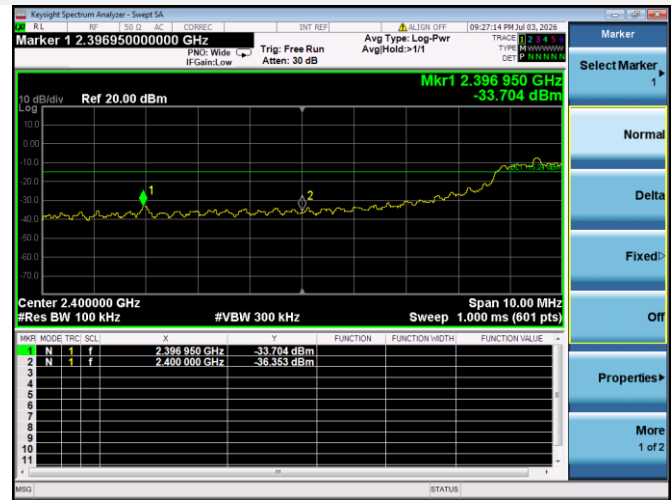
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



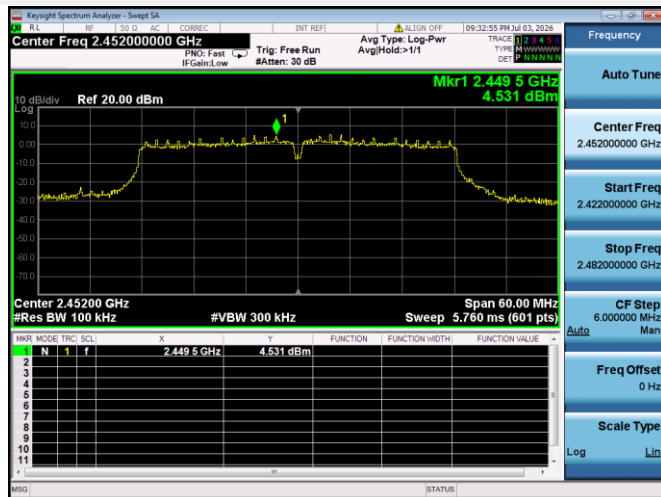
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



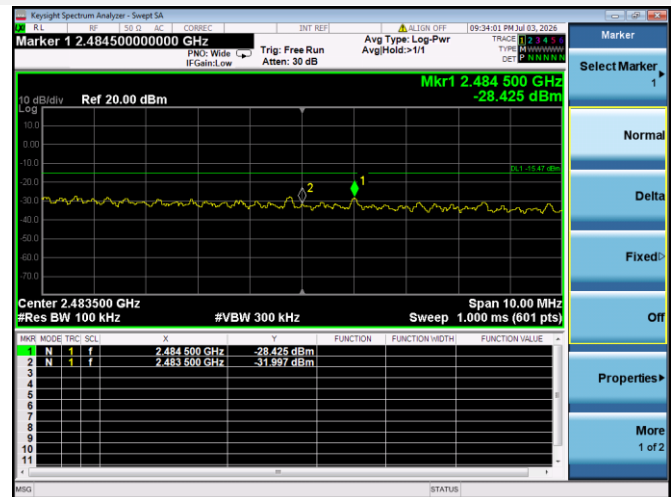
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

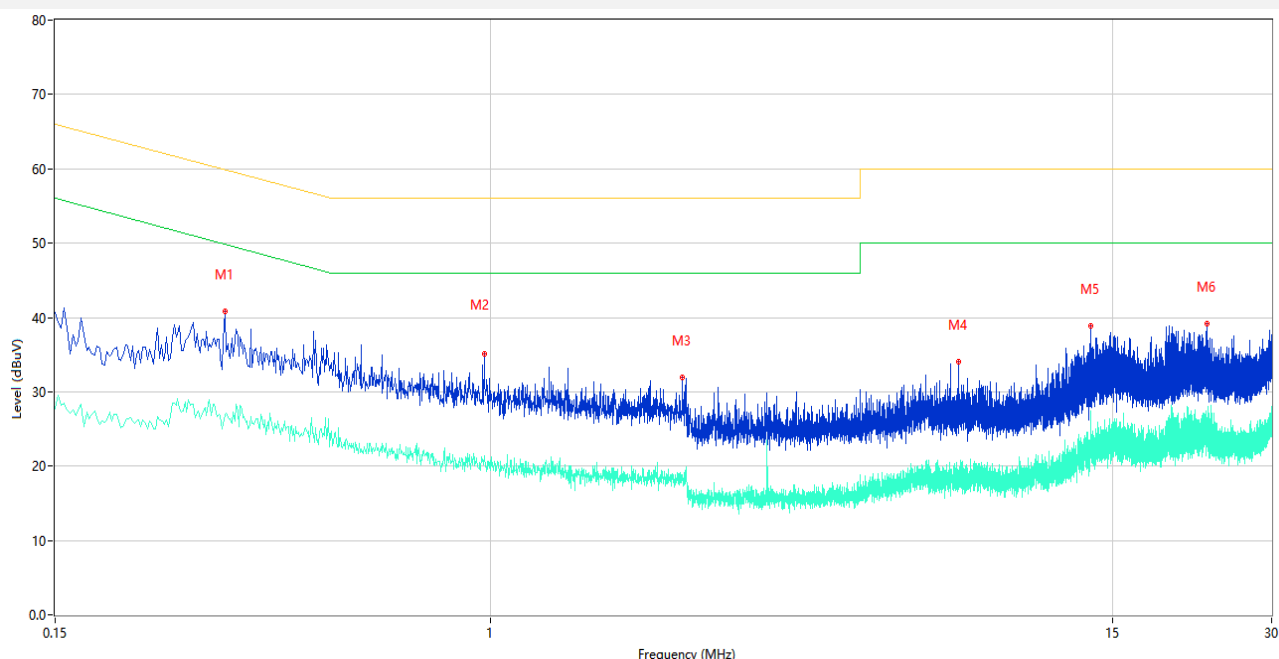
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

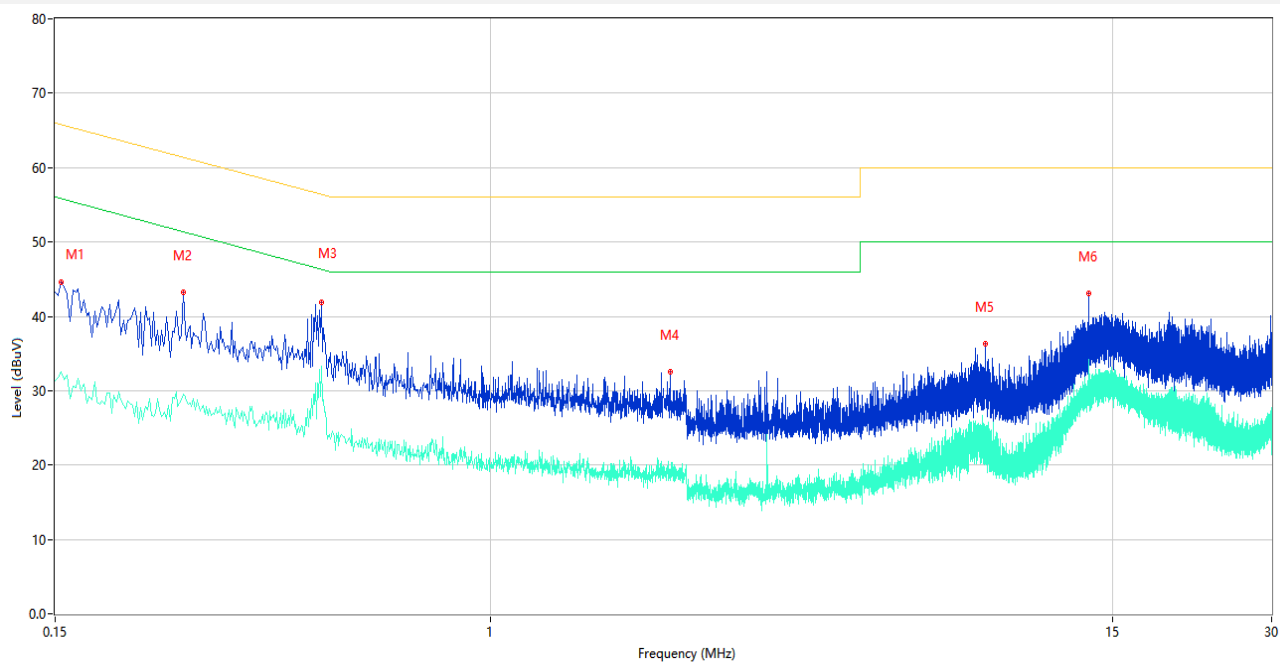
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.314	40.85	10.23	59.86	19.01	Peak	L	Pass
1**	0.314	26.85	10.23	49.86	23.01	AV	L	Pass
2	0.972	35.16	10.31	56.00	20.84	Peak	L	Pass
2**	0.972	21.37	10.31	46.00	24.63	AV	L	Pass
3	2.302	31.97	10.51	56.00	24.03	Peak	L	Pass
3**	2.302	18.75	10.51	46.00	27.25	AV	L	Pass
4	7.668	34.06	12.24	60.00	25.94	Peak	L	Pass
4**	7.668	18.03	12.24	50.00	31.97	AV	L	Pass
5	13.640	38.84	13.49	60.00	21.16	Peak	L	Pass
5**	13.640	27.41	13.49	50.00	22.59	AV	L	Pass
6	22.626	39.21	15.48	60.00	20.79	Peak	L	Pass
6**	22.626	25.17	15.48	50.00	24.83	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	44.65	10.23	65.78	21.13	Peak	N	Pass
1**	0.154	32.51	10.23	55.78	23.27	AV	N	Pass
2	0.262	43.18	10.22	61.37	18.19	Peak	N	Pass
2**	0.262	29.53	10.22	51.37	21.84	AV	N	Pass
3	0.478	41.81	10.23	56.37	14.56	Peak	N	Pass
3**	0.478	33.33	10.23	46.37	13.04	AV	N	Pass
4	2.184	32.53	10.46	56.00	23.47	Peak	N	Pass
4**	2.184	18.82	10.46	46.00	27.18	AV	N	Pass
5	8.608	36.28	12.34	60.00	23.72	Peak	N	Pass
5**	8.608	24.79	12.34	50.00	25.21	AV	N	Pass
6	13.524	43.08	13.46	60.00	16.92	Peak	N	Pass
6**	13.524	34.18	13.46	50.00	15.82	AV	N	Pass

A.6 Radiated Emission

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

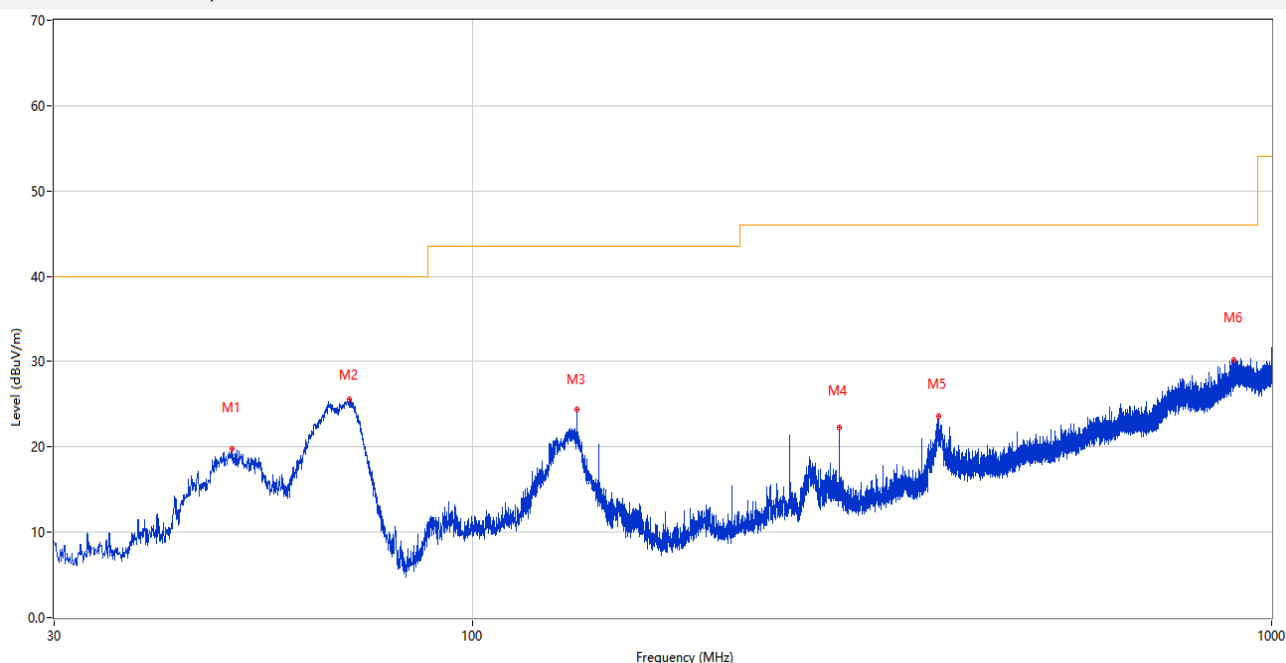
Note²: For the test data above 1 GHz, According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary 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.

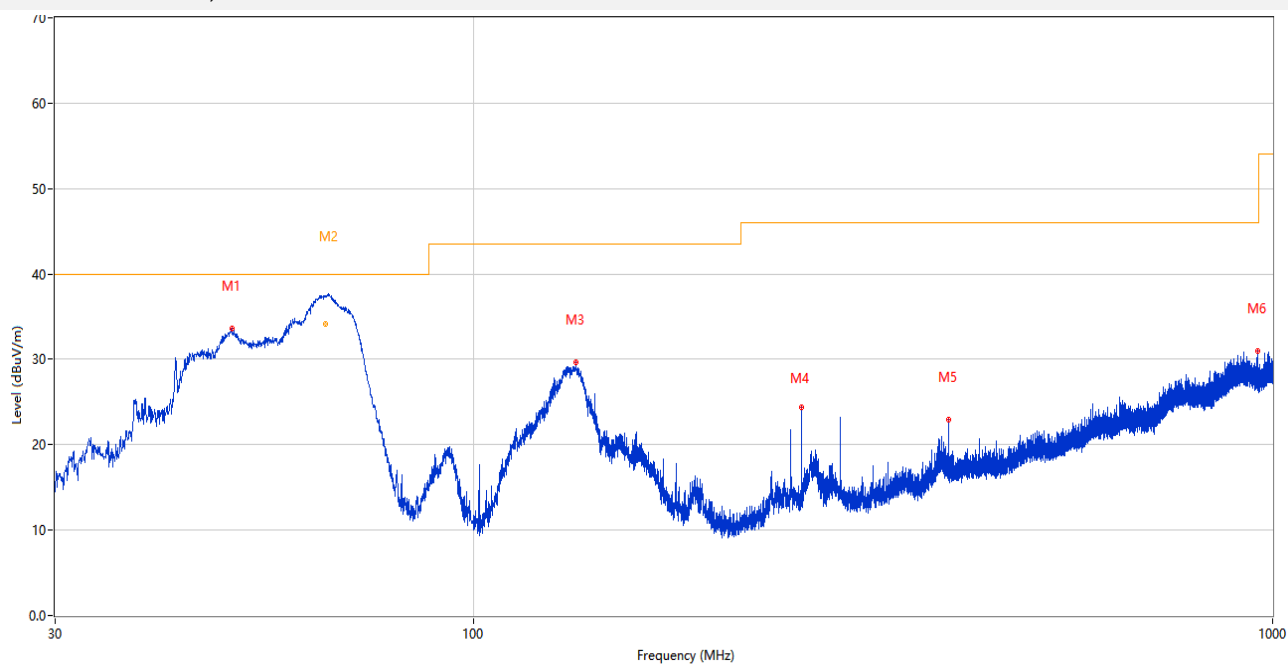
Test Data and Plots

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	50.031	19.71	-25.13	40.0	20.29	Peak	361.00	100	Horizontal	Pass
2	70.109	25.64	-28.92	40.0	14.36	Peak	350.00	200	Horizontal	Pass
3	135.196	24.42	-29.71	43.5	19.08	Peak	265.00	200	Horizontal	Pass
4	288.020	22.27	-23.36	46.0	23.73	Peak	66.00	100	Horizontal	Pass
5	383.080	23.58	-21.23	46.0	22.42	Peak	361.00	100	Horizontal	Pass
6	897.568	30.12	-8.75	46.0	15.88	Peak	149.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



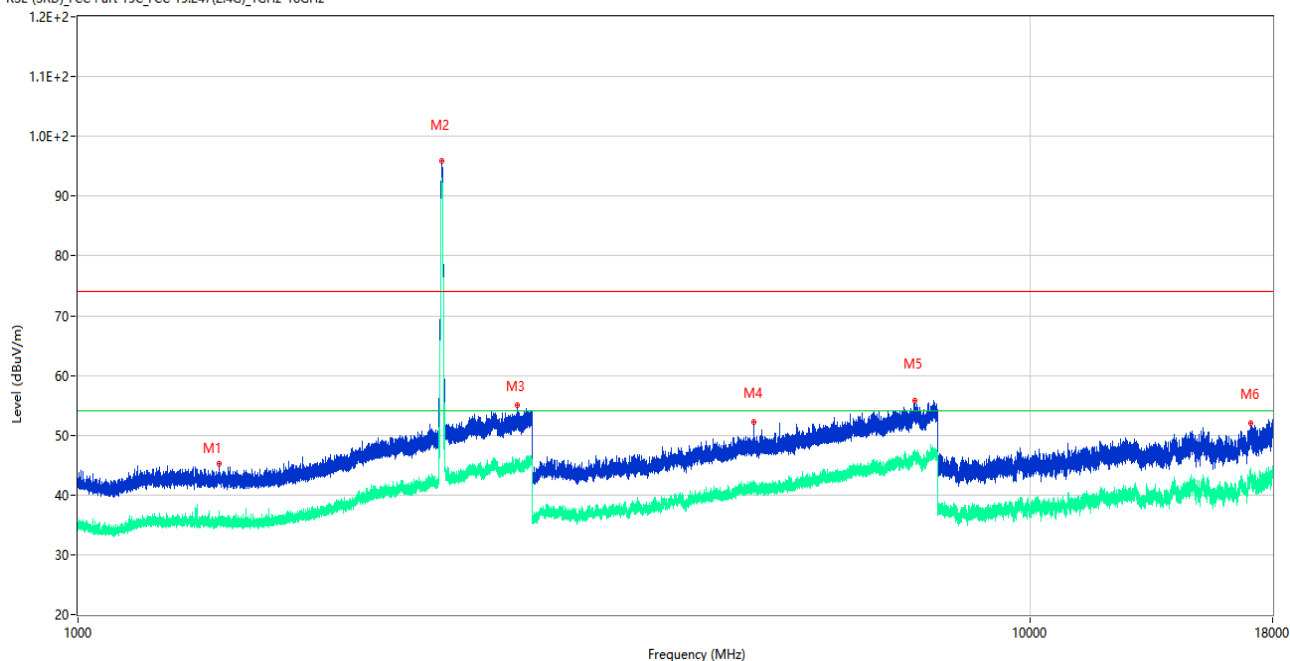
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.934	33.66	-25.13	40.0	6.34	Peak	229.00	100	Vertical	Pass
2	65.398	36.58	-27.46	40.0	3.42	Peak	254.00	101	Vertical	N/A
2*	65.398	34.15	-27.46	40.0	5.85	QP	254.00	101	Vertical	Pass
3	134.469	29.69	-29.66	43.5	13.81	Peak	294.00	100	Vertical	Pass
4	257.222	24.33	-24.76	46.0	21.67	Peak	150.00	100	Vertical	Pass
5	393.653	22.95	-20.78	46.0	23.05	Peak	262.00	100	Vertical	Pass
6	958.727	30.93	-9.16	46.0	15.07	Peak	203.00	100	Vertical	Pass

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

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

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

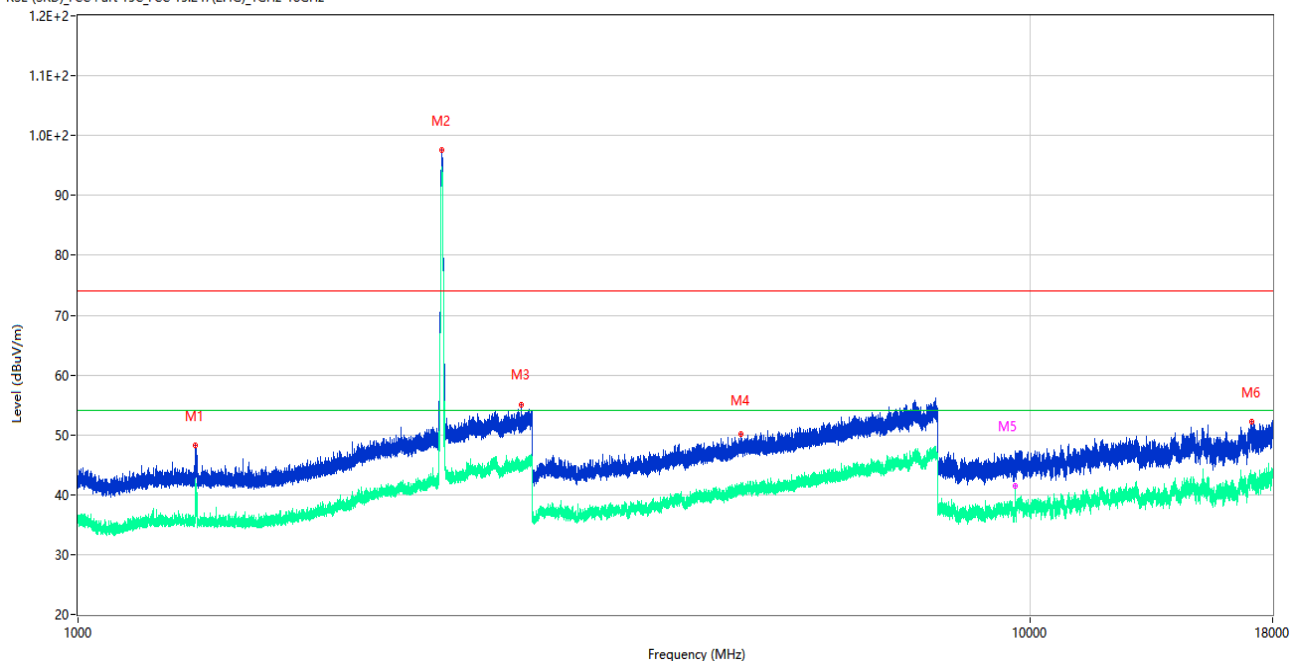
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1407.500	45.16	74.0	28.84	Peak	21.00	400	Horizontal	Pass
1**	1407.500	35.90	54.0	18.10	AV	21.00	400	Horizontal	Pass
2	2412.000	95.91	--	--	Peak	336.00	100	Horizontal	N/A
2**	2412.000	92.84	--	--	AV	336.00	100	Horizontal	N/A
3	2897.800	54.98	74.0	19.02	Peak	0.00	100	Horizontal	Pass
3**	2897.800	45.73	54.0	8.27	AV	0.00	100	Horizontal	Pass
4	5132.750	52.13	74.0	21.87	Peak	137.00	100	Horizontal	Pass
4**	5132.750	41.97	54.0	12.03	AV	137.00	100	Horizontal	Pass
5	7568.000	55.87	74.0	18.13	Peak	155.00	400	Horizontal	Pass
5**	7568.000	46.81	54.0	7.19	AV	155.00	400	Horizontal	Pass
6	17069.176	51.93	74.0	22.07	Peak	15.00	100	Horizontal	Pass
6**	17069.176	43.48	54.0	10.52	AV	15.00	100	Horizontal	Pass

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

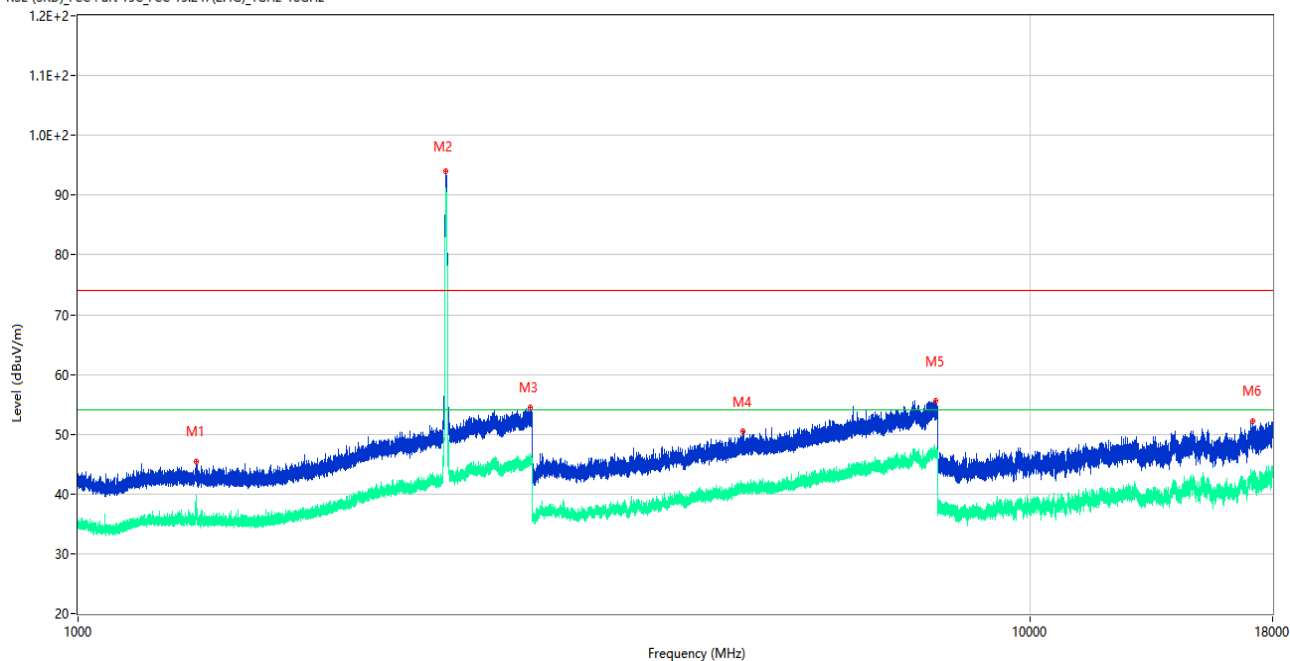
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	48.17	74.0	25.83	Peak	164.00	200	Vertical	Pass
1**	1328.000	37.95	54.0	16.05	AV	164.00	200	Vertical	Pass
2	2410.900	97.51	--	--	Peak	75.00	200	Vertical	N/A
2**	2410.900	94.67	--	--	AV	75.00	200	Vertical	N/A
3	2920.400	55.12	74.0	18.88	Peak	343.00	200	Vertical	Pass
3**	2920.400	44.30	54.0	9.70	AV	343.00	200	Vertical	Pass
4	4969.750	50.22	74.0	23.78	Peak	52.00	100	Vertical	Pass
4**	4969.750	40.44	54.0	13.56	AV	52.00	100	Vertical	Pass
5	9648.012	46.75	74.0	27.25	Peak	353.00	100	Vertical	Pass
5**	9648.012	41.42	--	--	AV	353.00	100	Vertical	N/A
6	17100.412	52.14	74.0	21.86	Peak	210.00	100	Vertical	Pass
6**	17100.412	42.30	54.0	11.70	AV	210.00	100	Vertical	Pass

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

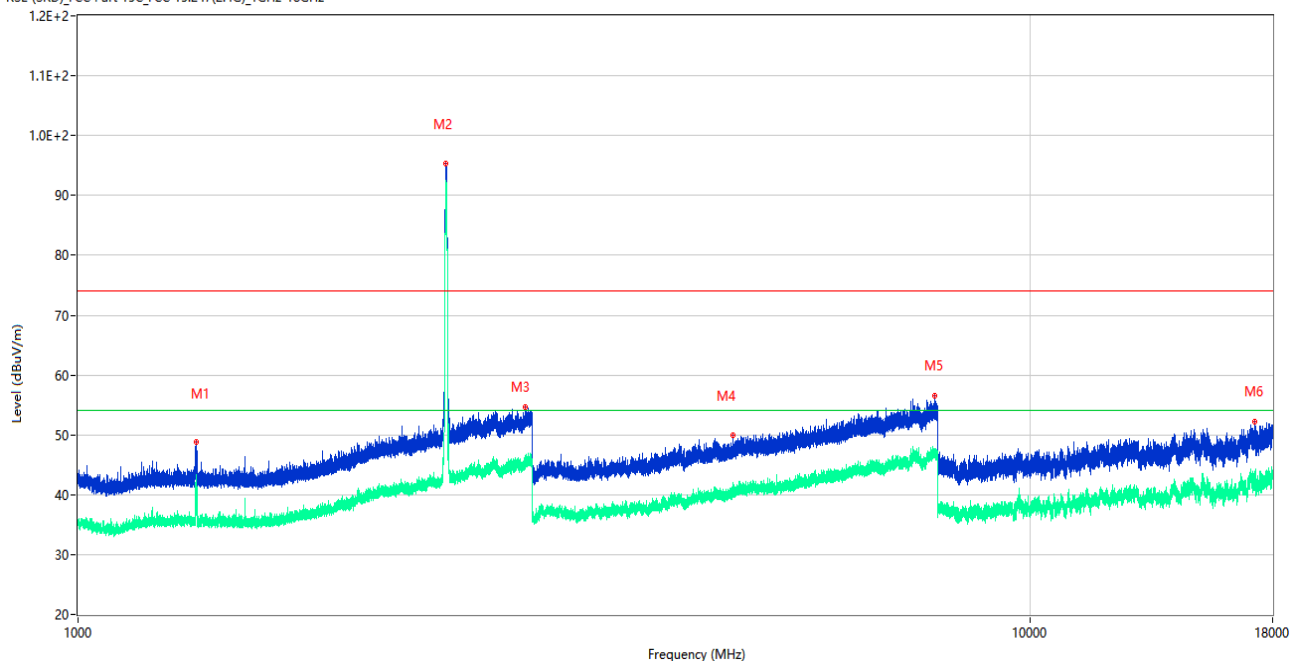
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	45.47	74.0	28.53	Peak	226.00	300	Horizontal	Pass
1**	1331.500	36.27	54.0	17.73	AV	226.00	300	Horizontal	Pass
2	2435.600	94.03	--	--	Peak	14.00	100	Horizontal	N/A
2**	2435.600	91.05	--	--	AV	14.00	100	Horizontal	N/A
3	2988.200	54.44	74.0	19.56	Peak	173.00	100	Horizontal	Pass
3**	2988.200	45.36	54.0	8.64	AV	173.00	100	Horizontal	Pass
4	4993.500	50.42	74.0	23.58	Peak	39.00	400	Horizontal	Pass
4**	4993.500	40.16	54.0	13.84	AV	39.00	400	Horizontal	Pass
5	7975.000	55.67	74.0	18.33	Peak	246.00	200	Horizontal	Pass
5**	7975.000	46.27	54.0	7.73	AV	246.00	200	Horizontal	Pass
6	17160.526	52.23	74.0	21.77	Peak	179.00	300	Horizontal	Pass
6**	17160.526	42.38	54.0	11.62	AV	179.00	300	Horizontal	Pass

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

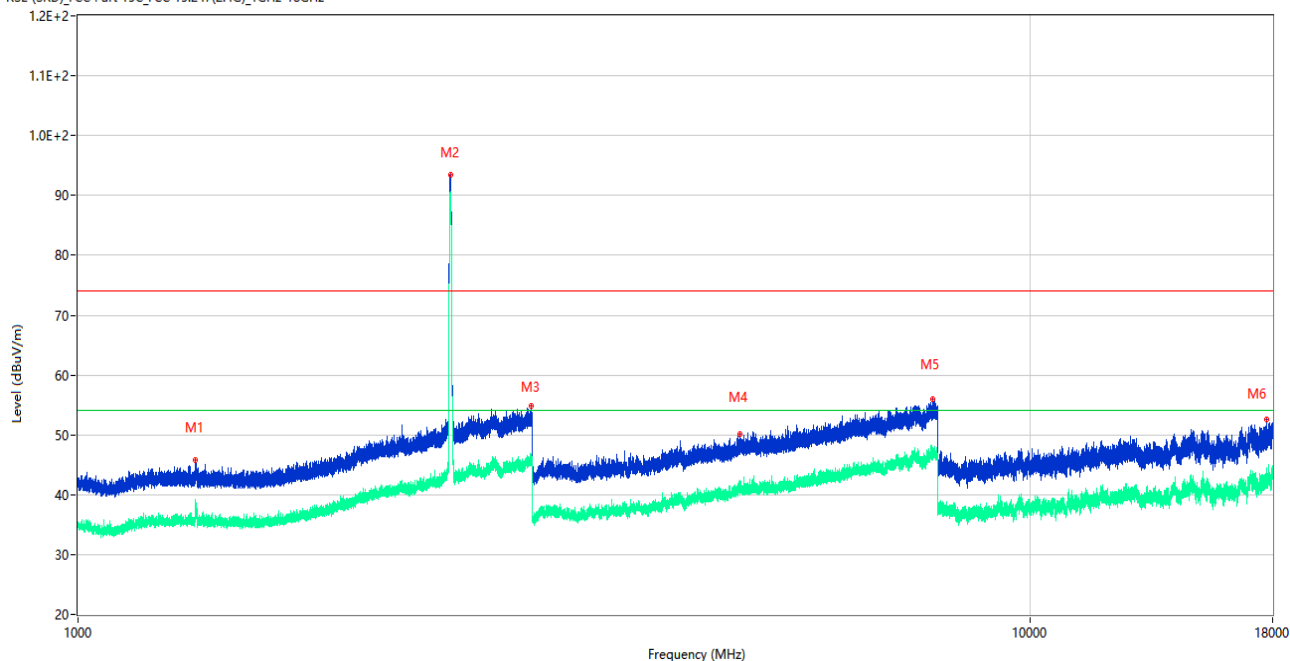
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	48.80	74.0	25.20	Peak	147.00	100	Vertical	Pass
1**	1331.600	38.74	54.0	15.26	AV	147.00	100	Vertical	Pass
2	2435.800	95.29	--	--	Peak	65.00	300	Vertical	N/A
2**	2435.800	92.37	--	--	AV	65.00	300	Vertical	N/A
3	2954.300	54.72	74.0	19.28	Peak	0.00	300	Vertical	Pass
3**	2954.300	45.59	54.0	8.41	AV	0.00	300	Vertical	Pass
4	4874.000	50.02	74.0	23.98	Peak	247.00	200	Vertical	Pass
4**	4874.000	41.00	54.0	13.00	AV	247.00	200	Vertical	Pass
5	7954.750	56.53	74.0	17.47	Peak	31.00	400	Vertical	Pass
5**	7954.750	47.16	54.0	6.84	AV	31.00	400	Vertical	Pass
6	17246.099	52.20	74.0	21.80	Peak	15.00	400	Vertical	Pass
6**	17246.099	43.35	54.0	10.65	AV	15.00	400	Vertical	Pass

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

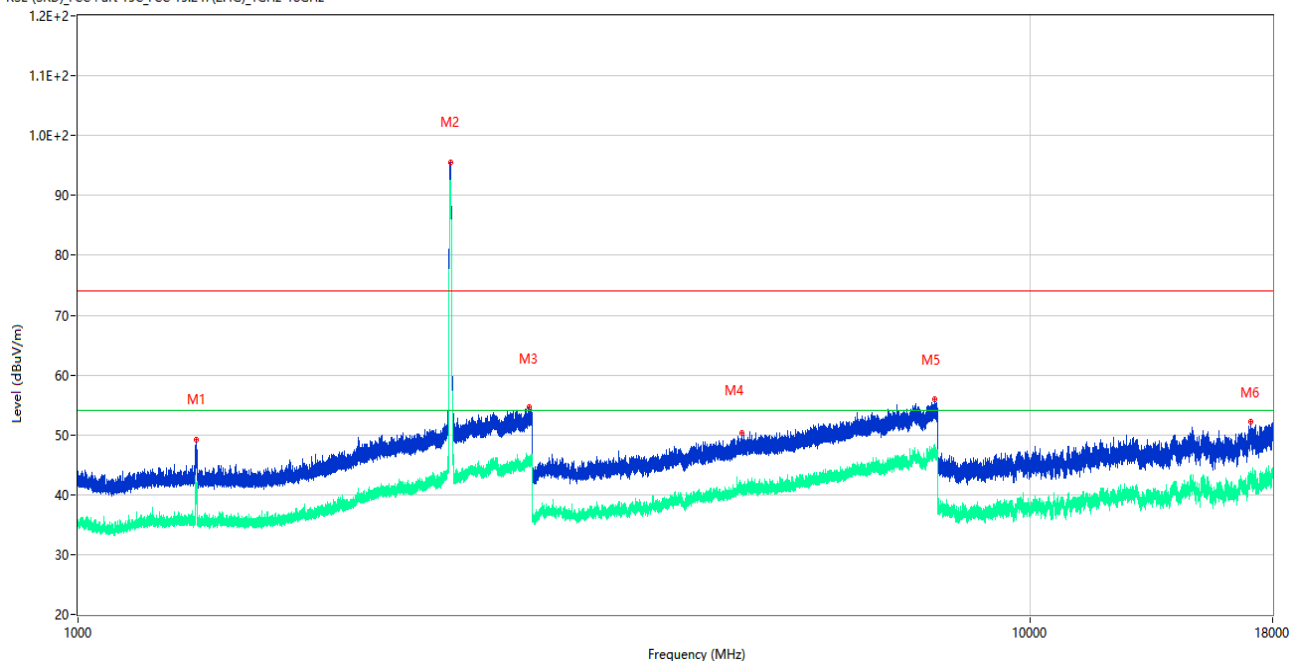
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	45.77	74.0	28.23	Peak	57.00	300	Horizontal	Pass
1**	1328.400	38.64	54.0	15.36	AV	57.00	300	Horizontal	Pass
2	2463.200	93.45	--	--	Peak	0.00	400	Horizontal	N/A
2**	2463.200	90.54	--	--	AV	0.00	400	Horizontal	N/A
3	2992.800	54.87	74.0	19.13	Peak	170.00	200	Horizontal	Pass
3**	2992.800	45.23	54.0	8.77	AV	170.00	200	Horizontal	Pass
4	4961.000	50.13	74.0	23.87	Peak	2.00	200	Horizontal	Pass
4**	4961.000	40.93	54.0	13.07	AV	2.00	200	Horizontal	Pass
5	7913.500	55.90	74.0	18.10	Peak	36.00	400	Horizontal	Pass
5**	7913.500	46.38	54.0	7.62	AV	36.00	400	Horizontal	Pass
6	17725.688	52.50	74.0	21.50	Peak	90.00	100	Horizontal	Pass
6**	17725.688	42.89	54.0	11.11	AV	90.00	100	Horizontal	Pass

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

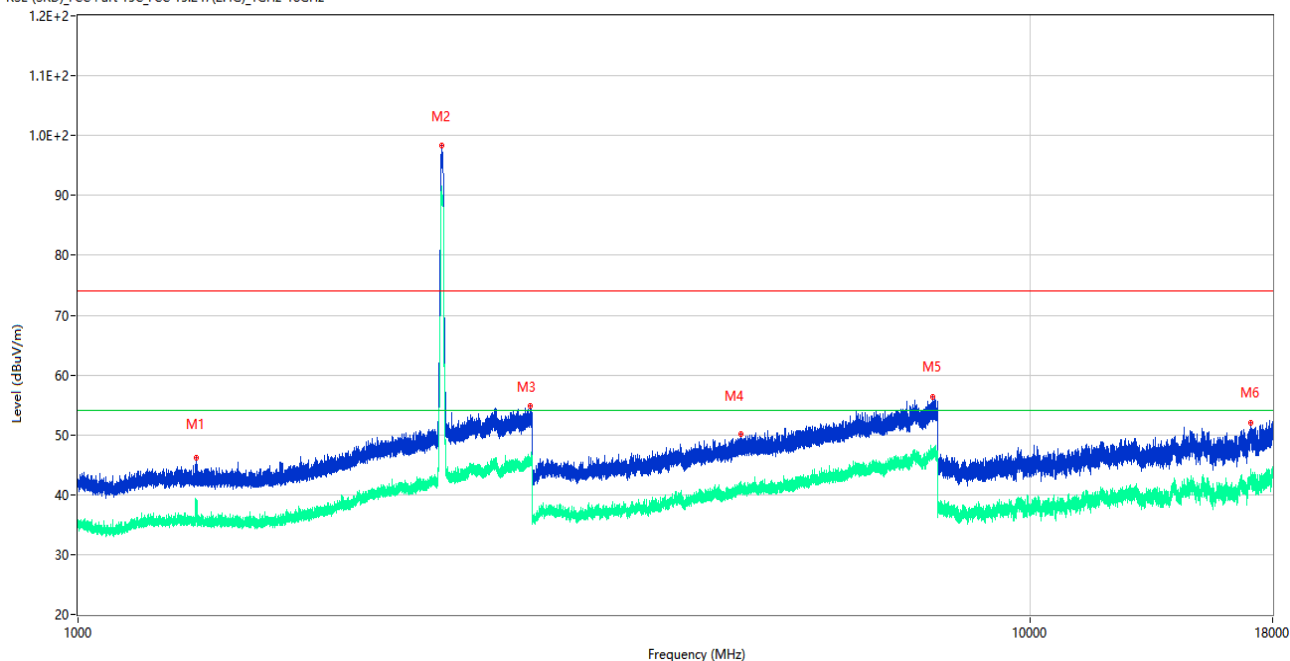
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	49.25	74.0	24.75	Peak	110.00	300	Vertical	Pass
1**	1332.100	40.76	54.0	13.24	AV	110.00	300	Vertical	Pass
2	2462.000	95.48	--	--	Peak	110.00	200	Vertical	N/A
2**	2462.000	90.80	--	--	AV	110.00	200	Vertical	N/A
3	2982.400	54.66	74.0	19.34	Peak	131.00	200	Vertical	Pass
3**	2982.400	44.92	54.0	9.08	AV	131.00	200	Vertical	Pass
4	4980.500	50.33	74.0	23.67	Peak	360.00	100	Vertical	Pass
4**	4980.500	41.15	54.0	12.85	AV	360.00	100	Vertical	Pass
5	7946.250	55.97	74.0	18.03	Peak	360.00	400	Vertical	Pass
5**	7946.250	46.96	54.0	7.04	AV	360.00	400	Vertical	Pass
6	17058.938	52.12	74.0	21.88	Peak	20.00	100	Vertical	Pass
6**	17058.938	42.39	54.0	11.61	AV	20.00	100	Vertical	Pass

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

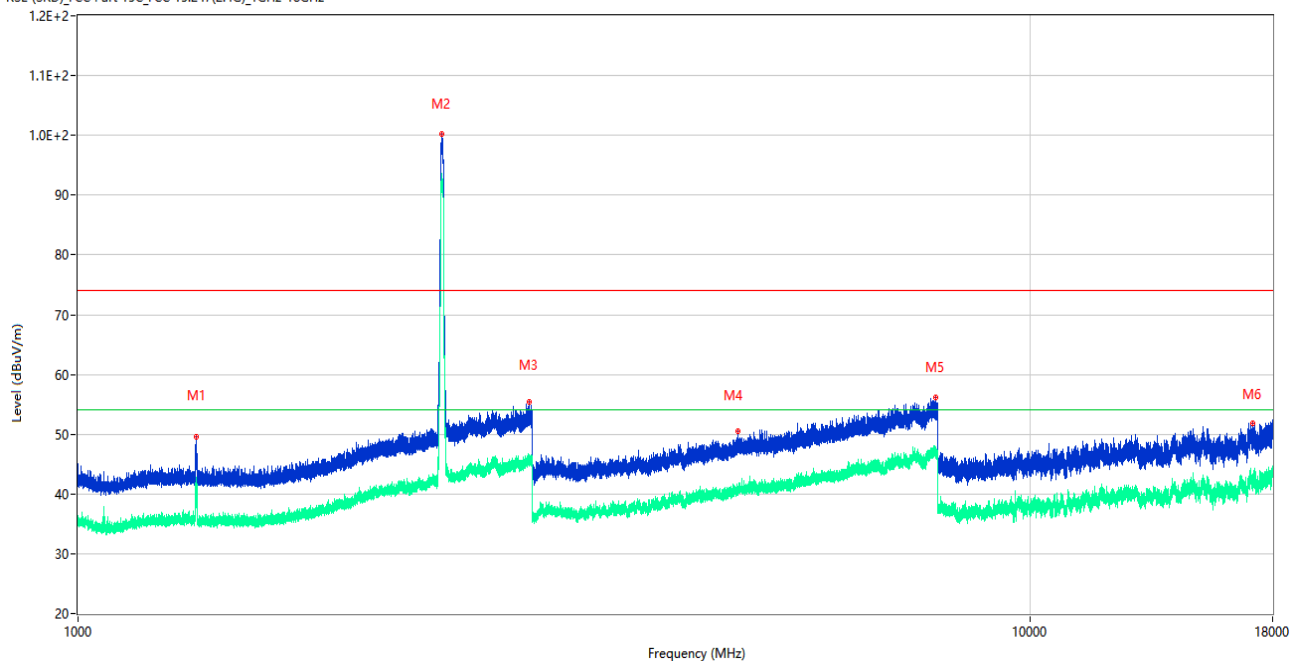
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	46.14	74.0	27.86	Peak	62.00	100	Horizontal	Pass
1**	1331.100	35.87	54.0	18.13	AV	62.00	100	Horizontal	Pass
2	2410.100	98.28	--	--	Peak	333.00	200	Horizontal	N/A
2**	2410.100	90.99	--	--	AV	333.00	200	Horizontal	N/A
3	2989.600	54.88	74.0	19.12	Peak	1.00	100	Horizontal	Pass
3**	2989.600	45.32	54.0	8.68	AV	1.00	100	Horizontal	Pass
4	4970.250	50.21	74.0	23.79	Peak	122.00	200	Horizontal	Pass
4**	4970.250	41.23	54.0	12.77	AV	122.00	200	Horizontal	Pass
5	7903.500	56.34	74.0	17.66	Peak	65.00	400	Horizontal	Pass
5**	7903.500	47.59	54.0	6.41	AV	65.00	400	Horizontal	Pass
6	17072.325	52.01	74.0	21.99	Peak	14.00	300	Horizontal	Pass
6**	17072.325	42.88	54.0	11.12	AV	14.00	300	Horizontal	Pass

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

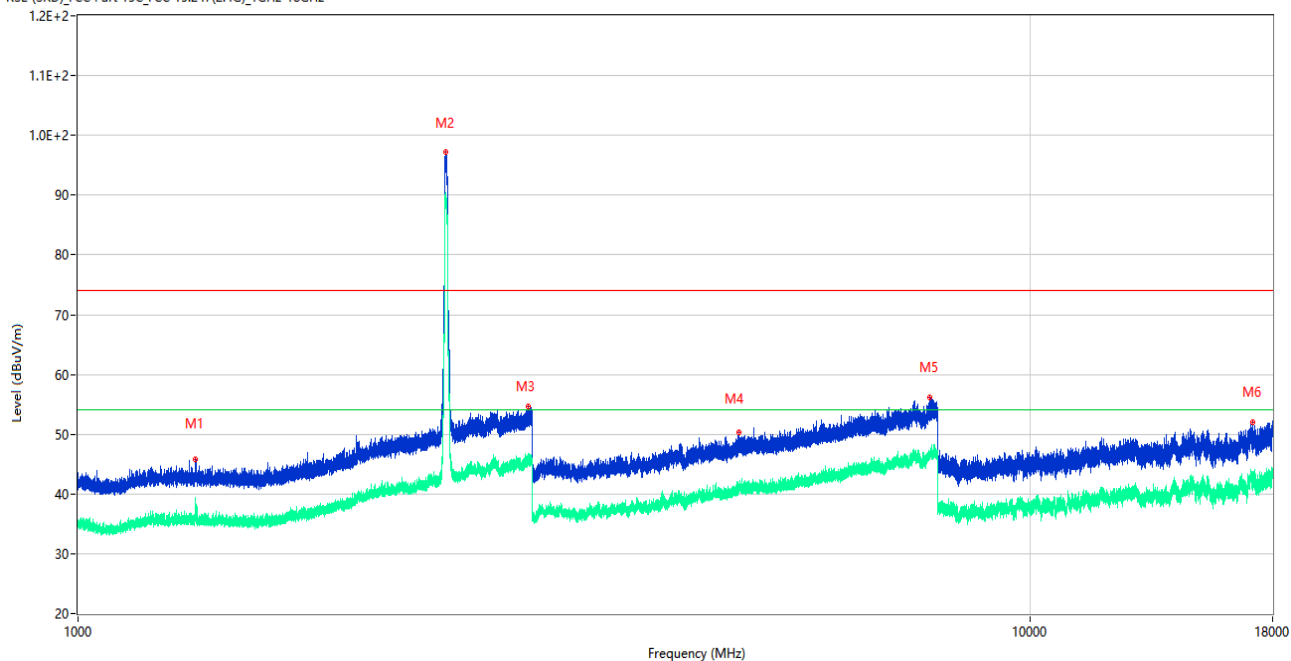
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	49.53	74.0	24.47	Peak	154.00	400	Vertical	Pass
1**	1331.400	40.00	54.0	14.00	AV	154.00	400	Vertical	Pass
2	2410.300	100.23	--	--	Peak	56.00	400	Vertical	N/A
2**	2410.300	92.08	--	--	AV	56.00	400	Vertical	N/A
3	2981.300	55.38	74.0	18.62	Peak	183.00	100	Vertical	Pass
3**	2981.300	44.70	54.0	9.30	AV	183.00	100	Vertical	Pass
4	4931.750	50.48	74.0	23.52	Peak	305.00	400	Vertical	Pass
4**	4931.750	40.98	54.0	13.02	AV	305.00	400	Vertical	Pass
5	7959.250	56.21	74.0	17.79	Peak	359.00	200	Vertical	Pass
5**	7959.250	46.43	54.0	7.57	AV	359.00	200	Vertical	Pass
6	17163.938	51.78	74.0	22.22	Peak	355.00	100	Vertical	Pass
6**	17163.938	42.63	54.0	11.37	AV	355.00	100	Vertical	Pass

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

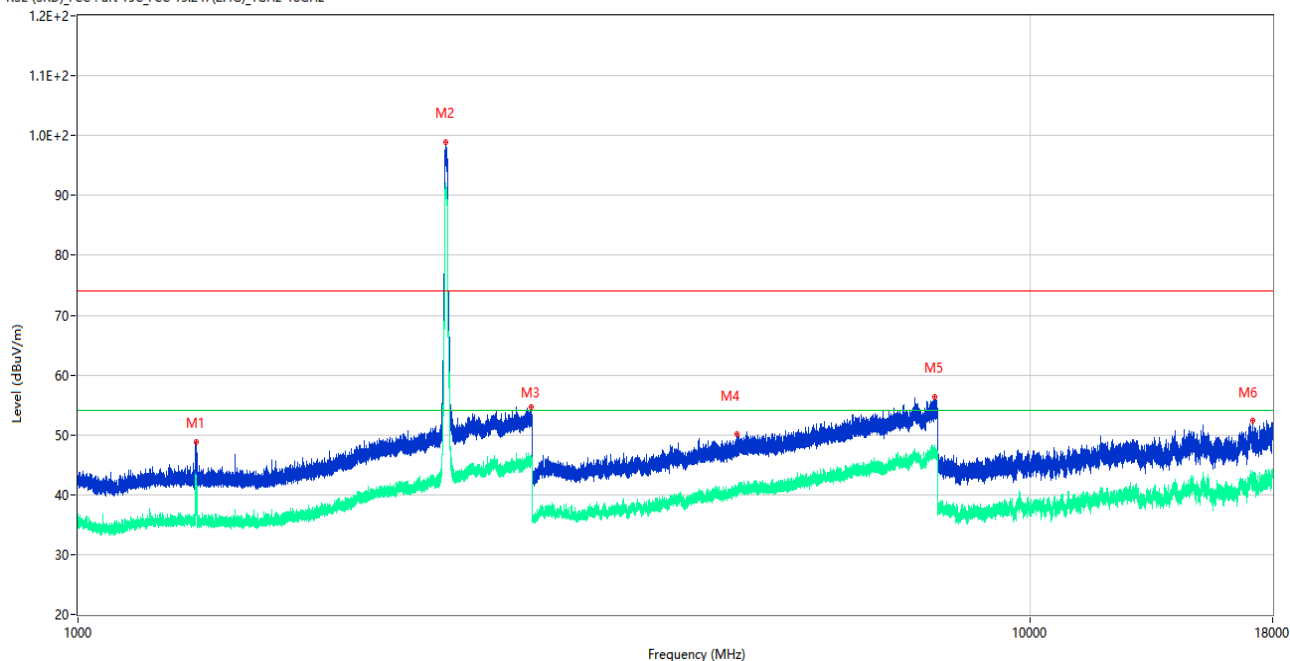
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	45.86	74.0	28.14	Peak	227.00	400	Horizontal	Pass
1**	1329.300	35.92	54.0	18.08	AV	227.00	400	Horizontal	Pass
2	2433.300	97.17	--	--	Peak	13.00	400	Horizontal	N/A
2**	2433.300	89.27	--	--	AV	13.00	400	Horizontal	N/A
3	2974.700	54.68	74.0	19.32	Peak	45.00	400	Horizontal	Pass
3**	2974.700	46.66	54.0	7.34	AV	45.00	400	Horizontal	Pass
4	4947.000	50.24	74.0	23.76	Peak	277.00	100	Horizontal	Pass
4**	4947.000	40.82	54.0	13.18	AV	277.00	100	Horizontal	Pass
5	7844.750	56.16	74.0	17.84	Peak	65.00	200	Horizontal	Pass
5**	7844.750	46.20	54.0	7.80	AV	65.00	200	Horizontal	Pass
6	17153.699	52.10	74.0	21.90	Peak	284.00	100	Horizontal	Pass
6**	17153.699	41.87	54.0	12.13	AV	284.00	100	Horizontal	Pass

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

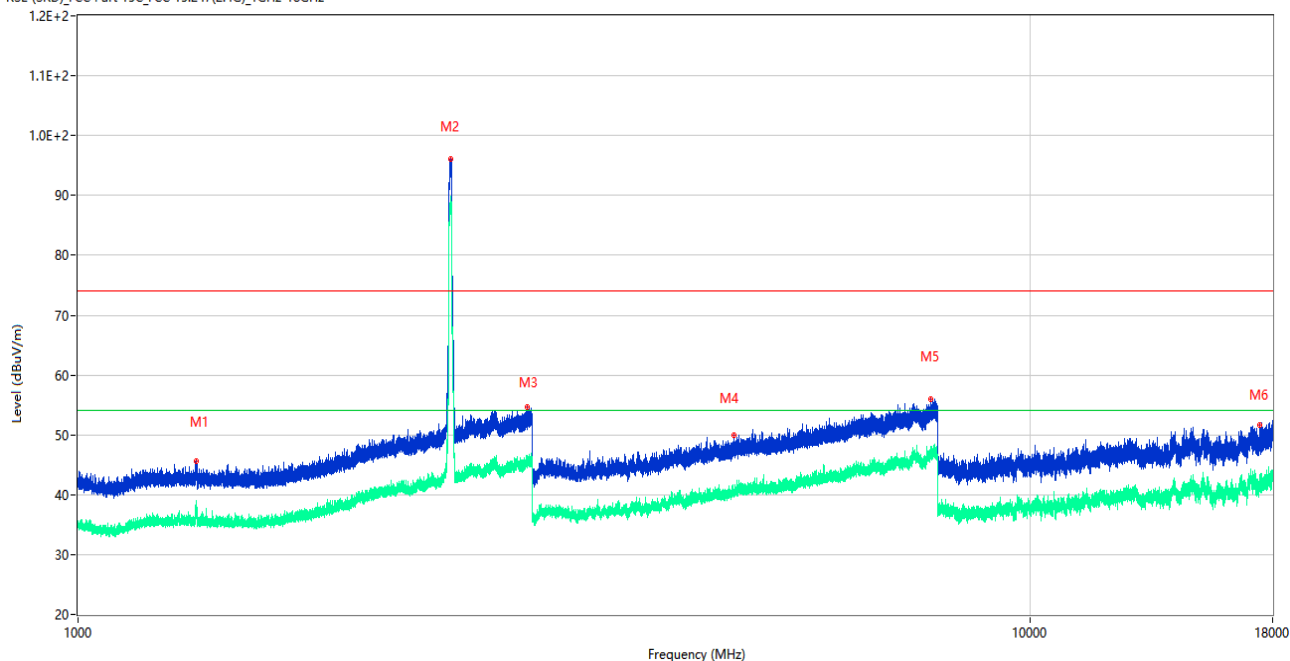
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	48.90	74.0	25.10	Peak	152.00	100	Vertical	Pass
1**	1332.700	40.90	54.0	13.10	AV	152.00	100	Vertical	Pass
2	2435.300	98.88	--	--	Peak	55.00	100	Vertical	N/A
2**	2435.300	91.05	--	--	AV	55.00	100	Vertical	N/A
3	2995.200	54.56	74.0	19.44	Peak	316.00	400	Vertical	Pass
3**	2995.200	45.77	54.0	8.23	AV	316.00	400	Vertical	Pass
4	4922.250	50.05	74.0	23.95	Peak	308.00	200	Vertical	Pass
4**	4922.250	40.41	54.0	13.59	AV	308.00	200	Vertical	Pass
5	7953.750	56.29	74.0	17.71	Peak	235.00	300	Vertical	Pass
5**	7953.750	47.22	54.0	6.78	AV	235.00	300	Vertical	Pass
6	17164.988	52.36	74.0	21.64	Peak	344.00	200	Vertical	Pass
6**	17164.988	42.78	54.0	11.22	AV	344.00	200	Vertical	Pass

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

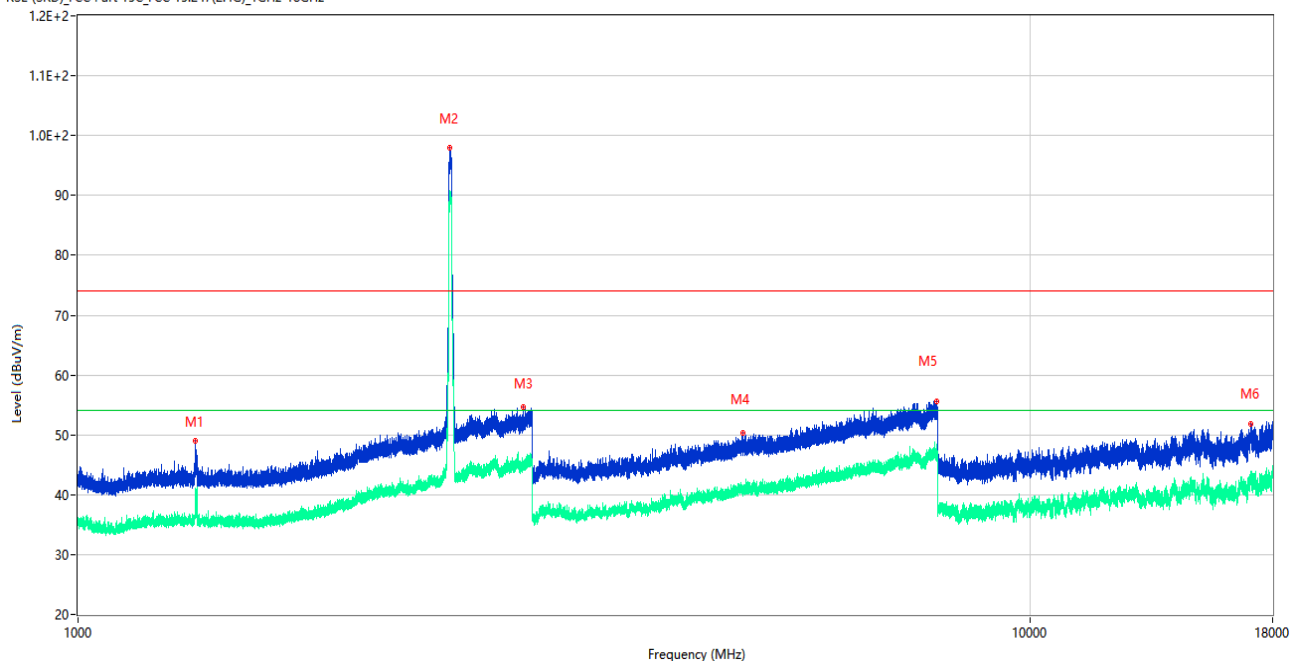
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	45.68	74.0	28.32	Peak	360.00	200	Horizontal	Pass
1**	1330.200	37.11	54.0	16.89	AV	360.00	200	Horizontal	Pass
2	2463.600	96.04	--	--	Peak	332.00	100	Horizontal	N/A
2**	2463.600	88.71	--	--	AV	332.00	100	Horizontal	N/A
3	2967.700	54.70	74.0	19.30	Peak	19.00	200	Horizontal	Pass
3**	2967.700	44.97	54.0	9.03	AV	19.00	200	Horizontal	Pass
4	4893.500	49.95	74.0	24.05	Peak	80.00	100	Horizontal	Pass
4**	4893.500	40.09	54.0	13.91	AV	80.00	100	Horizontal	Pass
5	7870.500	55.93	74.0	18.07	Peak	284.00	100	Horizontal	Pass
5**	7870.500	46.40	54.0	7.60	AV	284.00	100	Horizontal	Pass
6	17464.500	51.69	74.0	22.31	Peak	0.00	300	Horizontal	Pass
6**	17464.500	42.64	54.0	11.36	AV	0.00	300	Horizontal	Pass

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

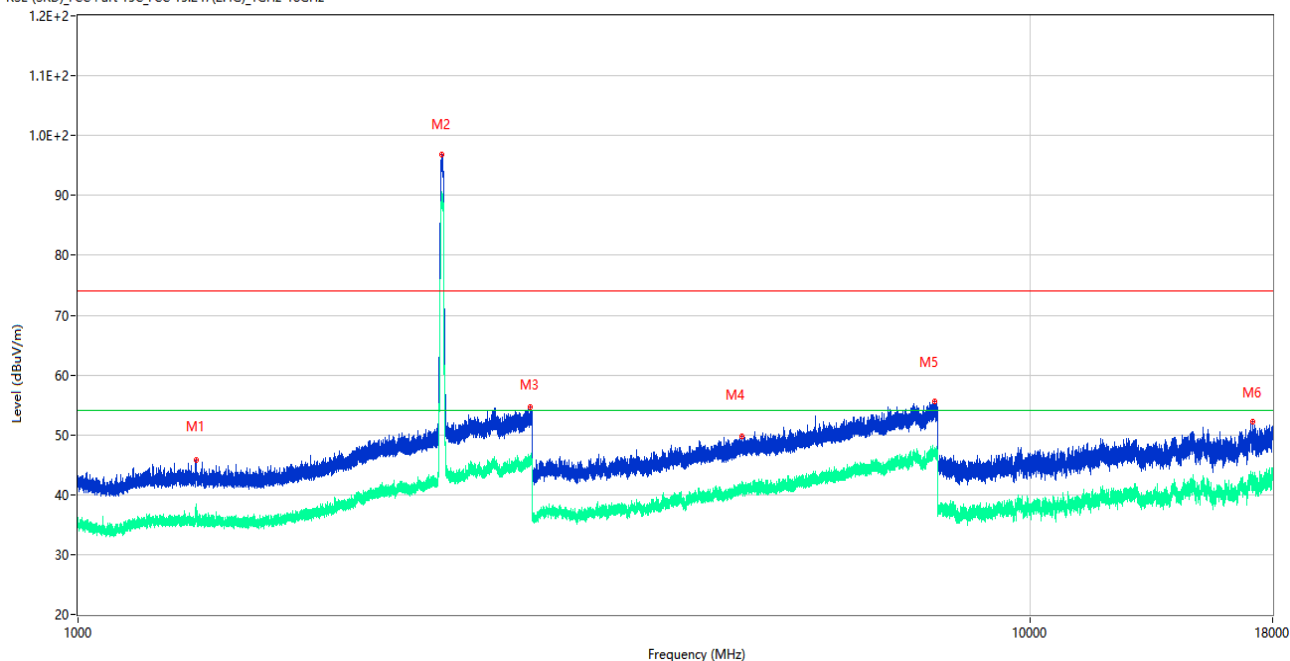
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	49.02	74.0	24.98	Peak	279.00	200	Vertical	Pass
1**	1328.600	39.28	54.0	14.72	AV	279.00	200	Vertical	Pass
2	2459.700	97.93	--	--	Peak	99.00	100	Vertical	N/A
2**	2459.700	89.89	--	--	AV	99.00	100	Vertical	N/A
3	2939.000	54.57	74.0	19.43	Peak	287.00	100	Vertical	Pass
3**	2939.000	44.99	54.0	9.01	AV	287.00	100	Vertical	Pass
4	4992.750	50.23	74.0	23.77	Peak	318.00	200	Vertical	Pass
4**	4992.750	40.89	54.0	13.11	AV	318.00	200	Vertical	Pass
5	7987.250	55.61	74.0	18.39	Peak	145.00	400	Vertical	Pass
5**	7987.250	46.04	54.0	7.96	AV	145.00	400	Vertical	Pass
6	17086.762	51.92	74.0	22.08	Peak	0.00	100	Vertical	Pass
6**	17086.762	42.31	54.0	11.69	AV	0.00	100	Vertical	Pass

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

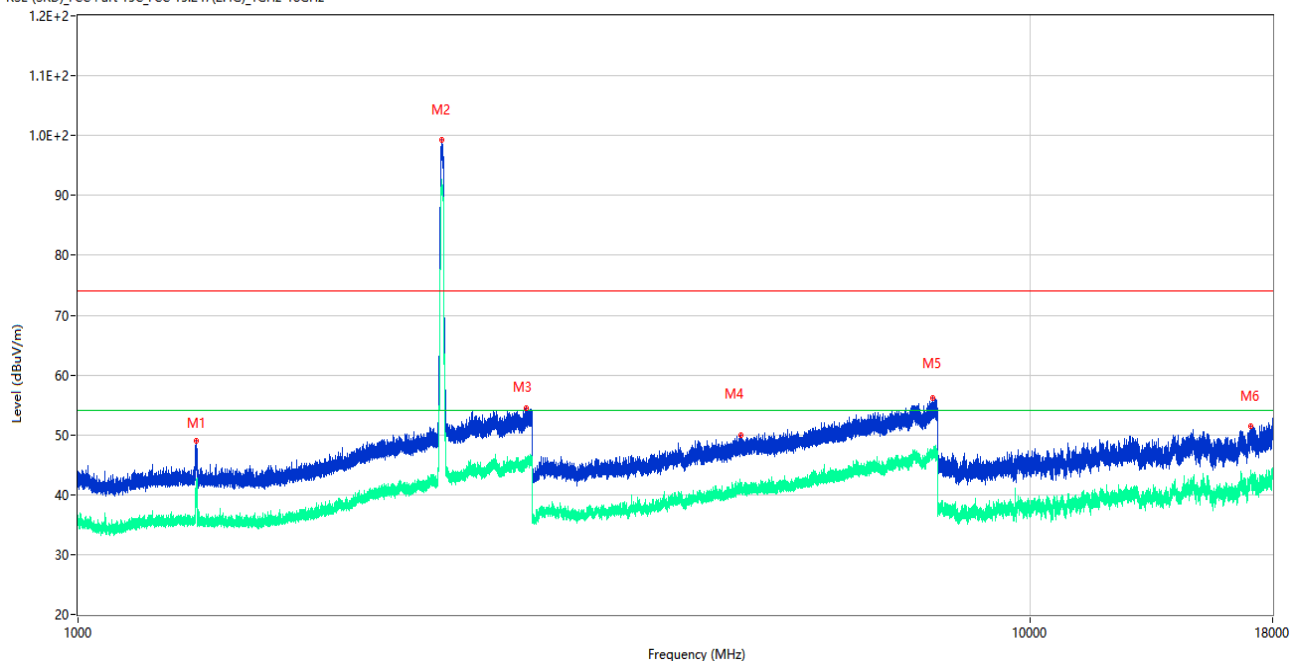
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.300	45.88	74.0	28.12	Peak	191.00	200	Horizontal	Pass
1**	1330.300	36.42	54.0	17.58	AV	191.00	200	Horizontal	Pass
2	2410.900	96.89	--	--	Peak	13.00	100	Horizontal	N/A
2**	2410.900	89.17	--	--	AV	13.00	100	Horizontal	N/A
3	2987.800	54.58	74.0	19.42	Peak	1.00	300	Horizontal	Pass
3**	2987.800	45.35	54.0	8.65	AV	1.00	300	Horizontal	Pass
4	4984.000	49.73	74.0	24.27	Peak	132.00	200	Horizontal	Pass
4**	4984.000	40.50	54.0	13.50	AV	132.00	200	Horizontal	Pass
5	7950.500	55.64	74.0	18.36	Peak	295.00	400	Horizontal	Pass
5**	7950.500	46.32	54.0	7.68	AV	295.00	400	Horizontal	Pass
6	17160.526	52.16	74.0	21.84	Peak	65.00	400	Horizontal	Pass
6**	17160.526	42.31	54.0	11.69	AV	65.00	400	Horizontal	Pass

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

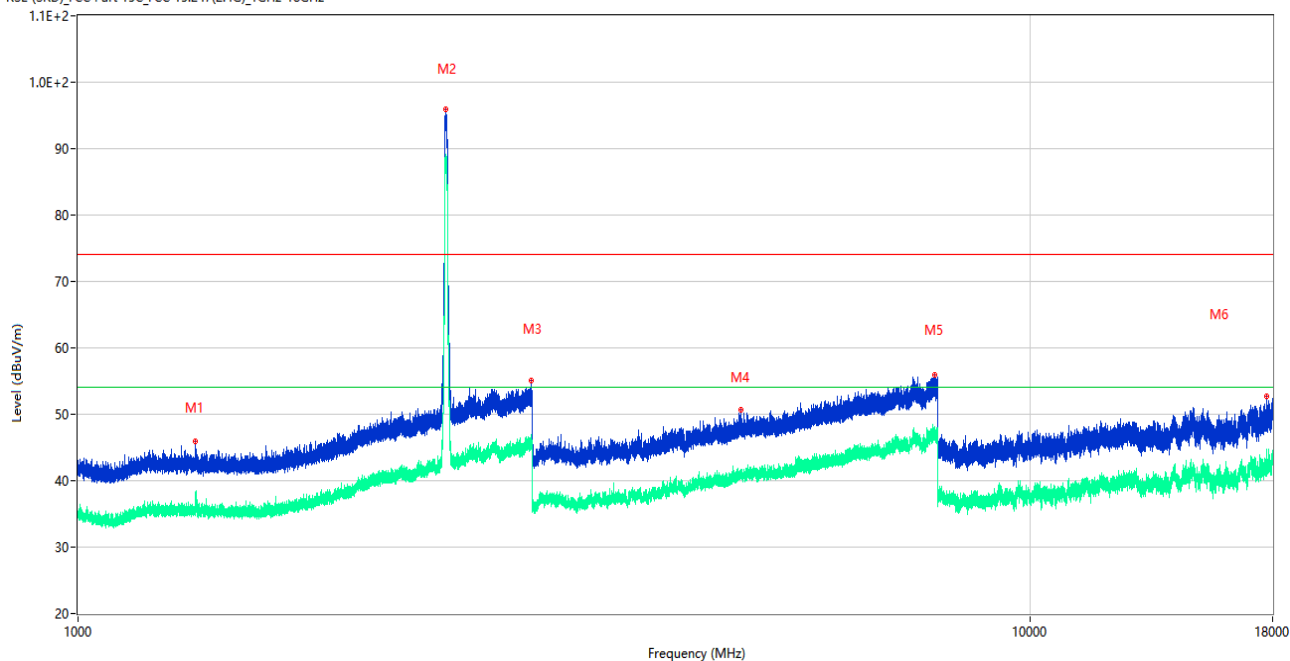
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	48.98	74.0	25.02	Peak	101.00	300	Vertical	Pass
1**	1331.300	39.57	54.0	14.43	AV	101.00	300	Vertical	Pass
2	2413.900	99.34	--	--	Peak	57.00	100	Vertical	N/A
2**	2413.900	91.62	--	--	AV	57.00	100	Vertical	N/A
3	2956.300	54.41	74.0	19.59	Peak	116.00	300	Vertical	Pass
3**	2956.300	45.26	54.0	8.74	AV	116.00	300	Vertical	Pass
4	4978.250	49.92	74.0	24.08	Peak	350.00	400	Vertical	Pass
4**	4978.250	40.81	54.0	13.19	AV	350.00	400	Vertical	Pass
5	7913.000	56.12	74.0	17.88	Peak	80.00	100	Vertical	Pass
5**	7913.000	46.39	54.0	7.61	AV	80.00	100	Vertical	Pass
6	17091.750	51.48	74.0	22.52	Peak	286.00	200	Vertical	Pass
6**	17091.750	43.26	54.0	10.74	AV	286.00	200	Vertical	Pass

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

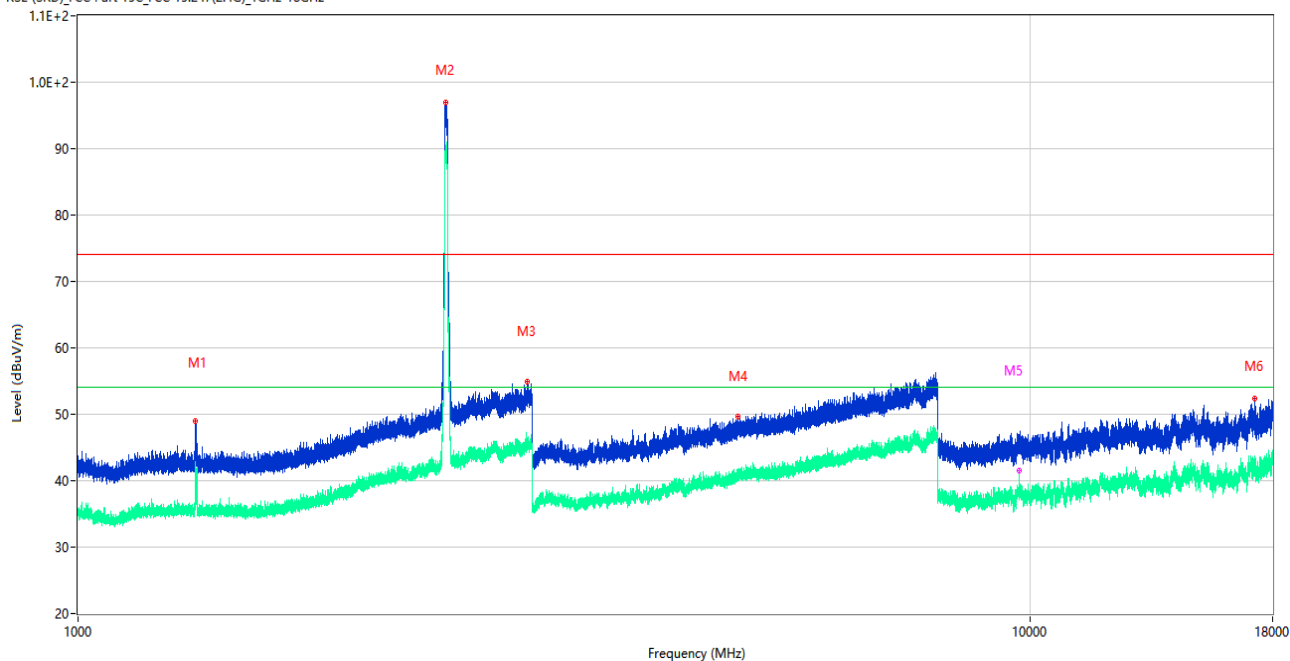
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	45.93	74.0	28.07	Peak	50.00	400	Horizontal	Pass
1**	1329.600	37.09	54.0	16.91	AV	50.00	400	Horizontal	Pass
2	2434.900	95.90	--	--	Peak	14.00	300	Horizontal	N/A
2**	2434.900	87.99	--	--	AV	14.00	300	Horizontal	N/A
3	2990.500	55.13	74.0	18.87	Peak	212.00	100	Horizontal	Pass
3**	2990.500	45.47	54.0	8.53	AV	212.00	100	Horizontal	Pass
4	4973.000	50.60	74.0	23.40	Peak	348.00	200	Horizontal	Pass
4**	4973.000	41.01	54.0	12.99	AV	348.00	200	Horizontal	Pass
5	7942.250	55.88	74.0	18.12	Peak	130.00	300	Horizontal	Pass
5**	7942.250	47.18	54.0	6.82	AV	130.00	300	Horizontal	Pass
6	17723.589	52.67	74.0	21.33	Peak	344.00	150	Horizontal	Pass
6**	17723.589	42.37	54.0	11.63	AV	344.00	150	Horizontal	Pass

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

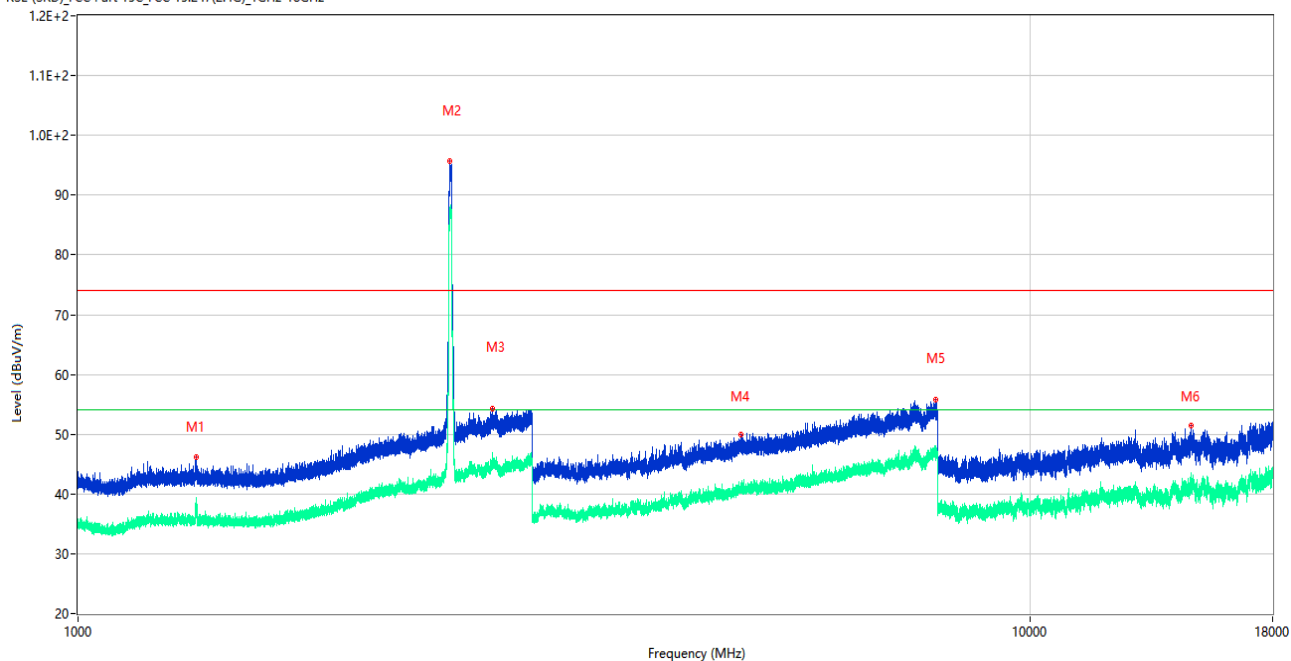
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	48.96	74.0	25.04	Peak	146.00	100	Vertical	Pass
1**	1327.200	38.83	54.0	15.17	AV	146.00	100	Vertical	Pass
2	2435.800	96.90	--	--	Peak	57.00	200	Vertical	N/A
2**	2435.800	89.48	--	--	AV	57.00	200	Vertical	N/A
3	2966.900	54.83	74.0	19.17	Peak	170.00	200	Vertical	Pass
3**	2966.900	45.73	54.0	8.27	AV	170.00	200	Vertical	Pass
4	4938.000	49.61	74.0	24.39	Peak	289.00	200	Vertical	Pass
4**	4938.000	40.11	54.0	13.89	AV	289.00	200	Vertical	Pass
5	9748.000	46.41	74.0	27.59	Peak	334.00	150	Vertical	Pass
5**	9748.000	41.50	54.0	12.50	AV	334.00	150	Vertical	Pass
6	17247.676	52.32	74.0	21.68	Peak	359.00	300	Vertical	Pass
6**	17247.676	42.48	54.0	11.52	AV	359.00	300	Vertical	Pass

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

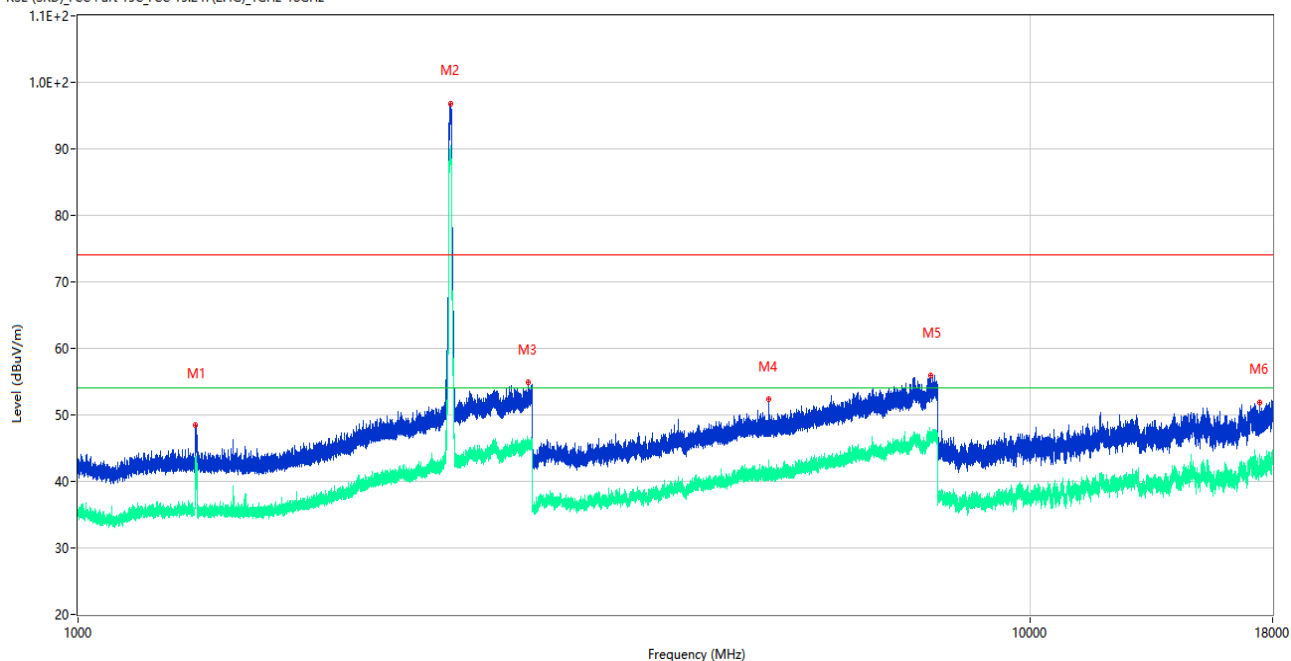
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	46.24	74.0	27.76	Peak	331.00	100	Horizontal	Pass
1**	1331.600	37.48	54.0	16.52	AV	331.00	100	Horizontal	Pass
2	2460.900	95.68	--	--	Peak	331.00	300	Horizontal	N/A
2**	2460.900	87.89	--	--	AV	331.00	300	Horizontal	N/A
3	2724.000	54.29	74.0	19.71	Peak	348.00	300	Horizontal	Pass
3**	2724.000	45.23	54.0	8.77	AV	348.00	300	Horizontal	Pass
4	4970.250	49.94	74.0	24.06	Peak	170.00	100	Horizontal	Pass
4**	4970.250	41.53	54.0	12.47	AV	170.00	100	Horizontal	Pass
5	7964.000	55.79	74.0	18.21	Peak	127.00	400	Horizontal	Pass
5**	7964.000	46.53	54.0	7.47	AV	127.00	400	Horizontal	Pass
6	14785.424	51.36	74.0	22.64	Peak	45.00	100	Horizontal	Pass
6**	14785.424	41.36	54.0	12.64	AV	45.00	100	Horizontal	Pass

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

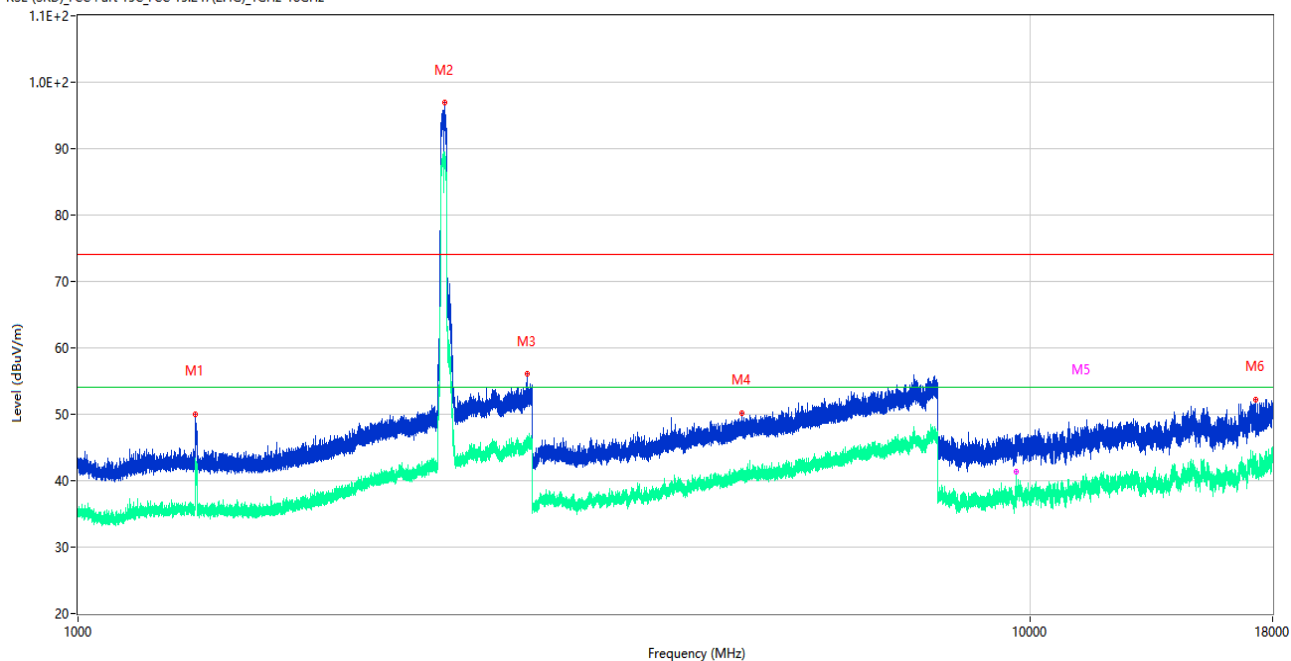
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.100	48.52	74.0	25.48	Peak	150.00	200	Vertical	Pass
1**	1328.100	38.83	54.0	15.17	AV	150.00	200	Vertical	Pass
2	2464.200	96.80	--	--	Peak	256.00	400	Vertical	N/A
2**	2464.200	88.50	--	--	AV	256.00	400	Vertical	N/A
3	2973.400	54.85	74.0	19.15	Peak	279.00	100	Vertical	Pass
3**	2973.400	45.11	54.0	8.89	AV	279.00	100	Vertical	Pass
4	5317.000	52.33	74.0	21.67	Peak	166.00	100	Vertical	Pass
4**	5317.000	41.60	54.0	12.40	AV	166.00	100	Vertical	Pass
5	7876.750	55.96	74.0	18.04	Peak	16.00	400	Vertical	Pass
5**	7876.750	46.99	54.0	7.01	AV	16.00	400	Vertical	Pass
6	17454.524	51.91	74.0	22.09	Peak	238.00	400	Vertical	Pass
6**	17454.524	42.61	54.0	11.39	AV	238.00	400	Vertical	Pass

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

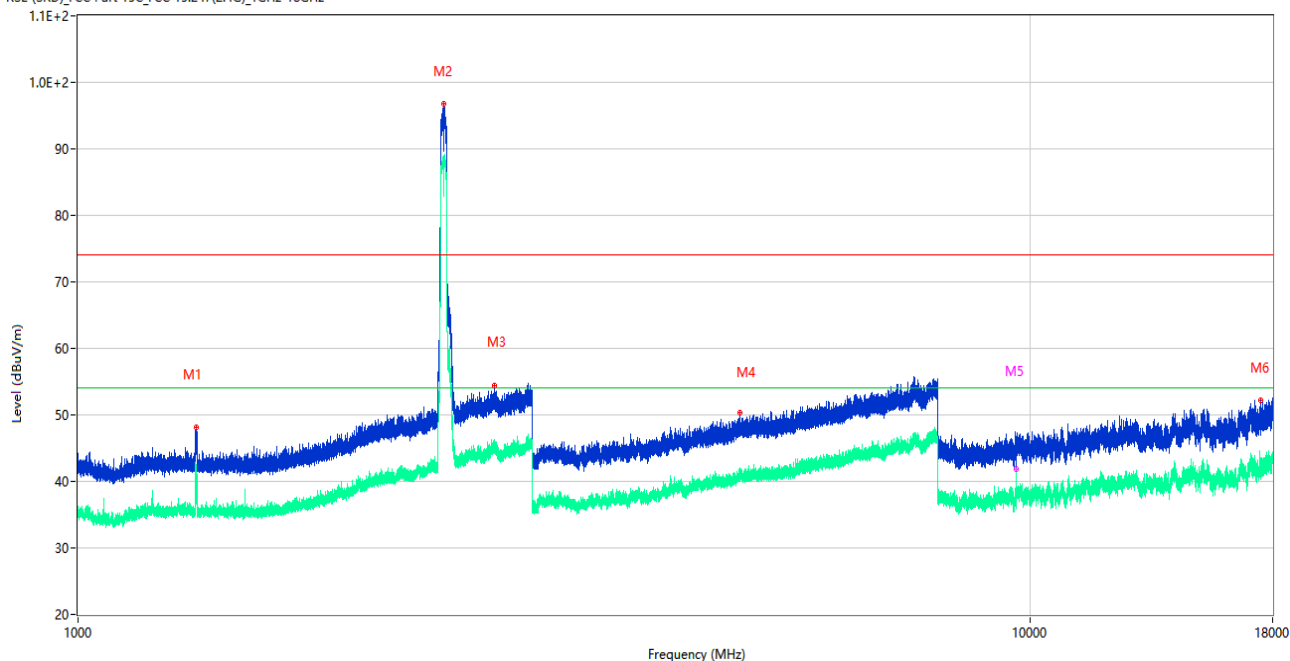
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	49.94	74.0	24.06	Peak	162.00	100	Horizontal	Pass
1**	1328.400	40.02	54.0	13.98	AV	162.00	100	Horizontal	Pass
2	2426.200	96.86	--	--	Peak	55.00	100	Horizontal	N/A
2**	2426.200	88.89	--	--	AV	55.00	100	Horizontal	Fail
3	2962.100	56.10	74.0	17.90	Peak	360.00	300	Horizontal	Pass
3**	2962.100	45.22	54.0	8.78	AV	360.00	300	Horizontal	Pass
4	4982.500	50.22	74.0	23.78	Peak	47.00	200	Horizontal	Pass
4**	4982.500	41.10	54.0	12.90	AV	47.00	200	Horizontal	Pass
5	9688.150	46.83	74.0	27.17	Peak	340.00	150	Horizontal	Pass
5**	9688.150	41.29	54.0	12.71	AV	340.00	150	Horizontal	Pass
6	17260.276	52.22	74.0	21.78	Peak	199.00	100	Horizontal	Pass
6**	17260.276	42.66	54.0	11.34	AV	199.00	100	Horizontal	Pass

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

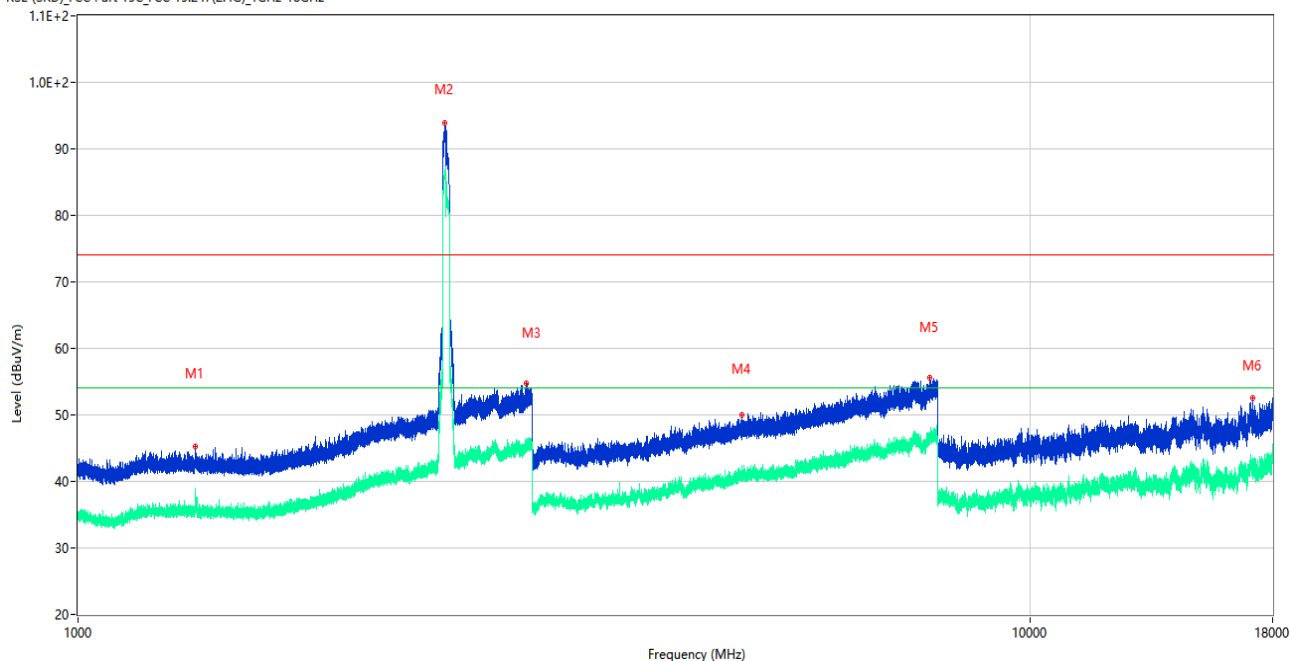
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	48.08	74.0	25.92	Peak	156.00	200	Vertical	Pass
1**	1330.400	39.80	54.0	14.20	AV	156.00	200	Vertical	Pass
2	2425.000	96.74	--	--	Peak	57.00	200	Vertical	N/A
2**	2425.000	88.45	--	--	AV	57.00	200	Vertical	N/A
3	2738.400	54.34	74.0	19.66	Peak	50.00	150	Vertical	Pass
3**	2738.400	45.04	54.0	8.96	AV	50.00	150	Vertical	Pass
4	4962.250	50.26	74.0	23.74	Peak	312.00	300	Vertical	Pass
4**	4962.250	41.08	54.0	12.92	AV	312.00	300	Vertical	Pass
5	9687.912	46.73	74.0	27.27	Peak	352.00	150	Vertical	Pass
5**	9687.912	41.80	54.0	12.20	AV	352.00	150	Vertical	Pass
6	17483.926	52.19	74.0	21.81	Peak	139.00	400	Vertical	Pass
6**	17483.926	42.64	54.0	11.36	AV	139.00	400	Vertical	Pass

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

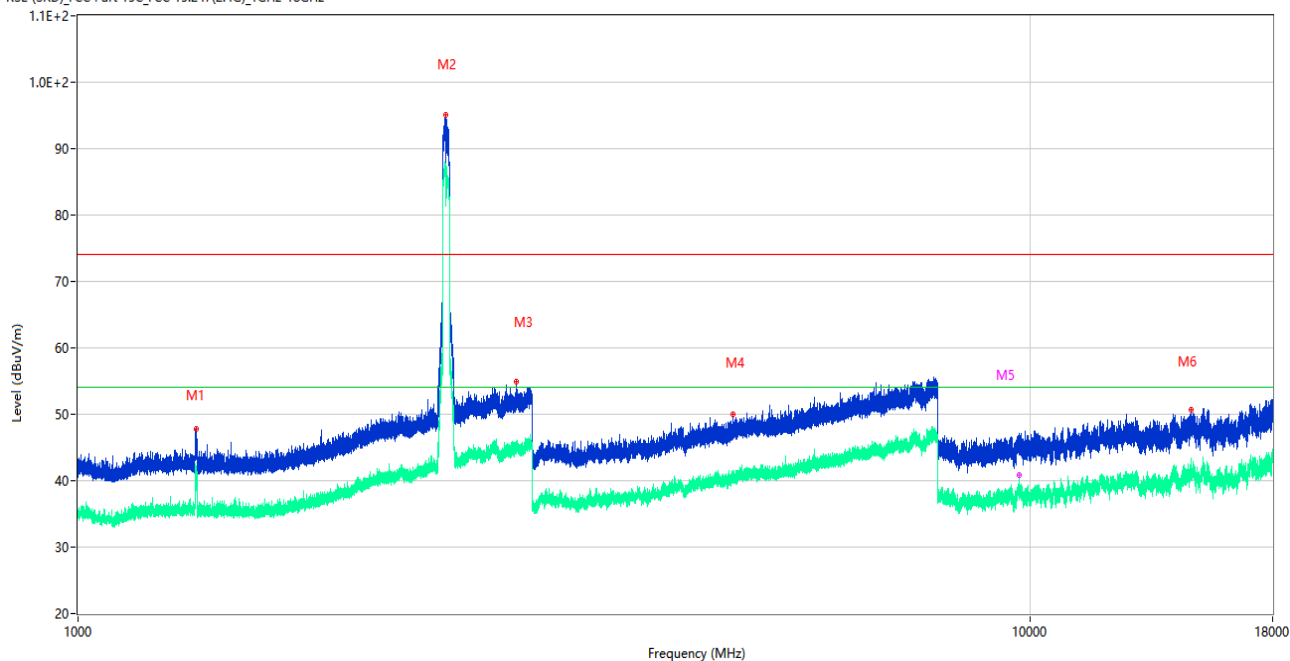
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	45.19	74.0	28.81	Peak	55.00	100	Horizontal	Pass
1**	1329.600	35.77	54.0	18.23	AV	55.00	100	Horizontal	Pass
2	2429.200	93.95	--	--	Peak	11.00	300	Horizontal	N/A
2**	2429.200	85.71	--	--	AV	11.00	300	Horizontal	N/A
3	2960.100	54.74	74.0	19.26	Peak	323.00	100	Horizontal	Pass
3**	2960.100	45.31	54.0	8.69	AV	323.00	100	Horizontal	Pass
4	4981.250	49.94	74.0	24.06	Peak	34.00	200	Horizontal	Pass
4**	4981.250	41.19	54.0	12.81	AV	34.00	200	Horizontal	Pass
5	7850.250	55.60	74.0	18.40	Peak	9.00	400	Horizontal	Pass
5**	7850.250	47.00	54.0	7.00	AV	9.00	400	Horizontal	Pass
6	17173.386	52.48	74.0	21.52	Peak	77.00	100	Horizontal	Pass
6**	17173.386	42.30	54.0	11.70	AV	77.00	100	Horizontal	Pass

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

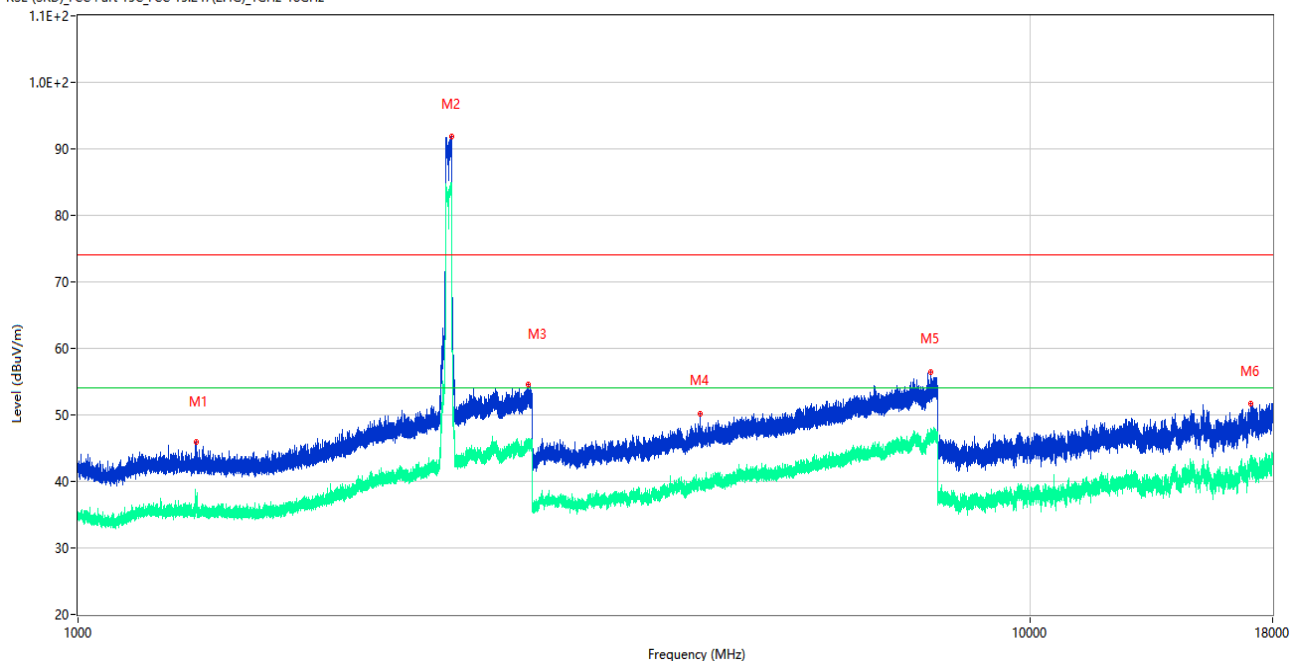
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	47.88	74.0	26.12	Peak	153.00	200	Vertical	Pass
1**	1331.400	40.96	54.0	13.04	AV	153.00	200	Vertical	Pass
2	2432.100	95.01	--	--	Peak	64.00	200	Vertical	N/A
2**	2432.100	87.11	--	--	AV	64.00	200	Vertical	N/A
3	2887.400	54.92	74.0	19.08	Peak	269.00	100	Vertical	Pass
3**	2887.400	44.38	54.0	9.62	AV	269.00	100	Vertical	Pass
4	4872.500	49.94	74.0	24.06	Peak	139.00	400	Vertical	Pass
4**	4872.500	39.84	54.0	14.16	AV	139.00	400	Vertical	Pass
5	9748.000	45.18	74.0	28.82	Peak	19.00	150	Vertical	Pass
5**	9748.000	40.91	54.0	13.09	AV	19.00	150	Vertical	Pass
6	14768.362	50.67	74.0	23.33	Peak	194.00	150	Vertical	Pass
6**	14768.362	42.67	54.0	11.33	AV	194.00	150	Vertical	Pass

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

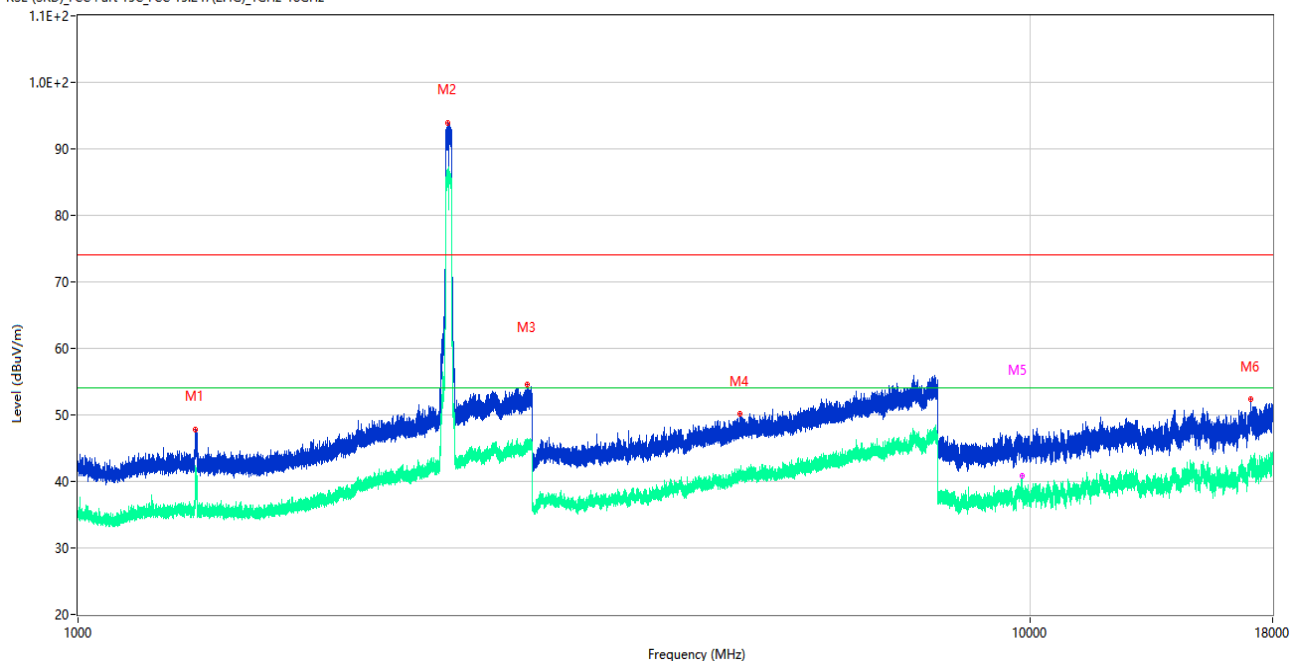
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	45.90	74.0	28.10	Peak	142.00	100	Horizontal	Pass
1**	1330.200	36.40	54.0	17.60	AV	142.00	100	Horizontal	Pass
2	2466.900	91.83	--	--	Peak	121.00	150	Horizontal	N/A
2**	2466.900	84.54	--	--	AV	121.00	150	Horizontal	N/A
3	2975.100	54.49	74.0	19.51	Peak	165.00	100	Horizontal	Pass
3**	2975.100	45.32	54.0	8.68	AV	165.00	100	Horizontal	Pass
4	4504.000	50.24	74.0	23.76	Peak	250.00	100	Horizontal	Pass
4**	4504.000	40.04	54.0	13.96	AV	250.00	100	Horizontal	Pass
5	7876.000	56.47	74.0	17.53	Peak	358.00	100	Horizontal	Pass
5**	7876.000	47.07	54.0	6.93	AV	358.00	100	Horizontal	Pass
6	17069.963	51.62	74.0	22.38	Peak	351.00	100	Horizontal	Pass
6**	17069.963	42.51	54.0	11.49	AV	351.00	100	Horizontal	Pass

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

RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz

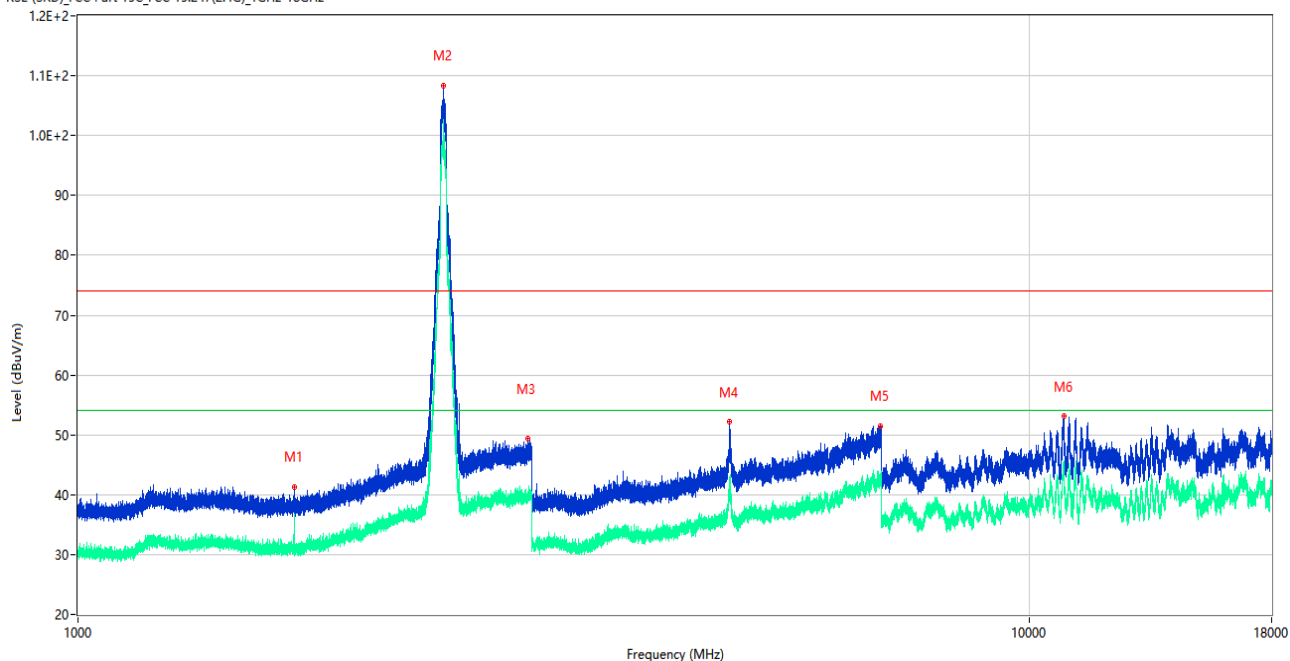


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	47.86	74.0	26.14	Peak	170.00	300	Vertical	Pass
1**	1328.700	40.15	54.0	13.85	AV	170.00	300	Vertical	Pass
2	2447.500	93.94	--	--	Peak	137.00	200	Vertical	N/A
2**	2447.500	85.46	--	--	AV	137.00	200	Vertical	N/A
3	2965.600	54.55	74.0	19.45	Peak	128.00	200	Vertical	Pass
3**	2965.600	45.98	54.0	8.02	AV	128.00	200	Vertical	Pass
4	4960.250	50.11	74.0	23.89	Peak	1.00	200	Vertical	Pass
4**	4960.250	40.38	54.0	13.62	AV	1.00	200	Vertical	Pass
5	9808.088	45.98	74.0	28.02	Peak	220.00	150	Vertical	Pass
5**	9808.088	40.92	54.0	13.08	AV	220.00	150	Vertical	Pass
6	17083.613	52.29	74.0	21.71	Peak	134.00	400	Vertical	Pass
6**	17083.613	43.47	54.0	10.53	AV	134.00	400	Vertical	Pass

worst case-GripID-FAP30CR

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

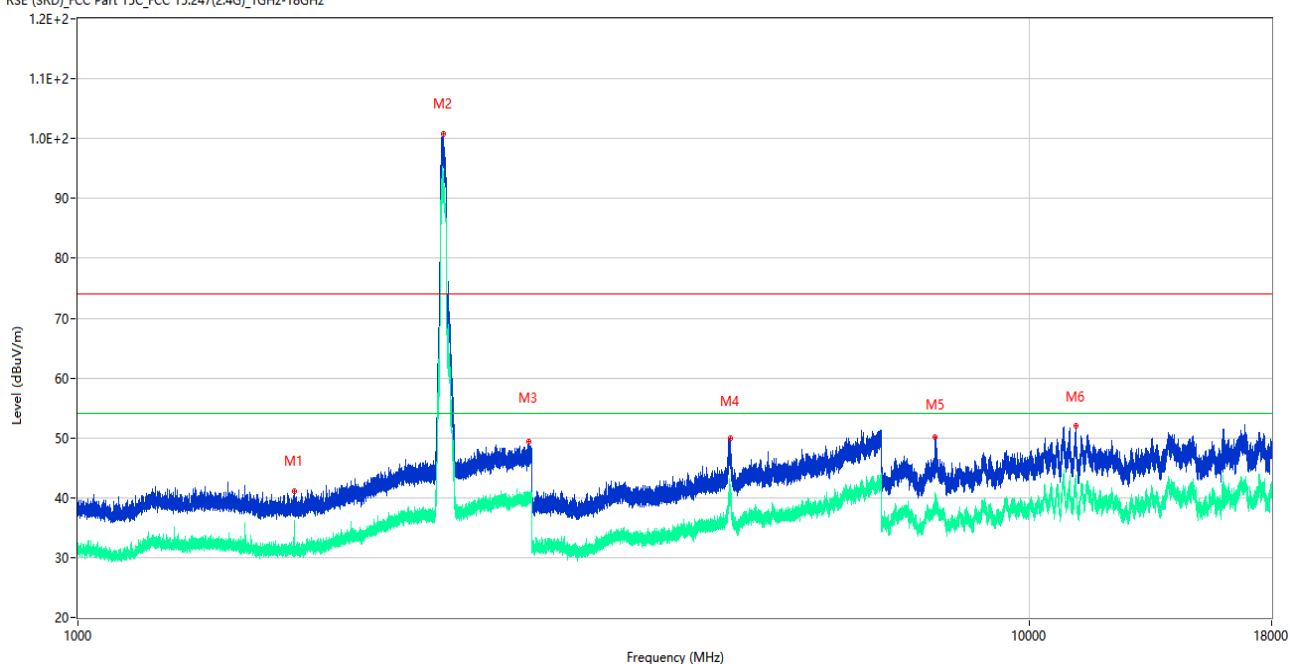
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.200	41.37	-18.90	74.0	32.63	Peak	39.00	100	Horizontal	Pass
1**	1687.200	34.65	-18.90	54.0	19.35	AV	39.00	100	Horizontal	Pass
2	2423.500	108.40	-13.70	--	--	Peak	192.00	100	Horizontal	N/A
2**	2423.500	101.71	-13.70	--	--	AV	192.00	100	Horizontal	N/A
3	2973.300	49.37	-10.94	74.0	24.63	Peak	334.00	200	Horizontal	Pass
3**	2973.300	39.61	-10.94	54.0	14.39	AV	334.00	200	Horizontal	Pass
4	4845.200	52.17	-6.34	74.0	21.83	Peak	263.00	300	Horizontal	Pass
4**	4845.200	42.29	-6.34	54.0	11.71	AV	263.00	300	Horizontal	Pass
5	6980.000	51.54	-1.30	74.0	22.46	Peak	360.00	400	Horizontal	Pass
5**	6980.000	43.54	-1.30	54.0	10.46	AV	360.00	400	Horizontal	Pass
6	10879.526	53.11	2.26	74.0	20.89	Peak	270.00	100	Horizontal	Pass
6**	10879.526	44.44	2.26	54.0	9.56	AV	270.00	100	Horizontal	Pass

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

RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.400	41.18	-18.91	74.0	32.82	Peak	8.00	100	Vertical	Pass
1**	1687.400	35.45	-18.91	54.0	18.55	AV	8.00	100	Vertical	Pass
2	2420.200	100.82	-13.80	--	--	Peak	278.00	100	Vertical	N/A
2**	2420.200	93.78	-13.80	--	--	AV	278.00	100	Vertical	N/A
3	2978.300	49.43	-10.95	74.0	24.57	Peak	154.00	200	Vertical	Pass
3**	2978.300	39.61	-10.95	54.0	14.39	AV	154.00	200	Vertical	Pass
4	4851.800	49.98	-6.25	74.0	24.02	Peak	302.00	200	Vertical	Pass
4**	4851.800	41.29	-6.25	54.0	12.71	AV	302.00	200	Vertical	Pass
5	7963.412	50.14	-1.03	74.0	23.86	Peak	129.00	100	Vertical	Pass
5**	7963.412	37.98	-1.03	54.0	16.02	AV	129.00	100	Vertical	Pass
6	11203.826	52.01	1.51	74.0	21.99	Peak	360.00	100	Vertical	Pass
6**	11203.826	42.36	1.51	54.0	11.64	AV	360.00	100	Vertical	Pass

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

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

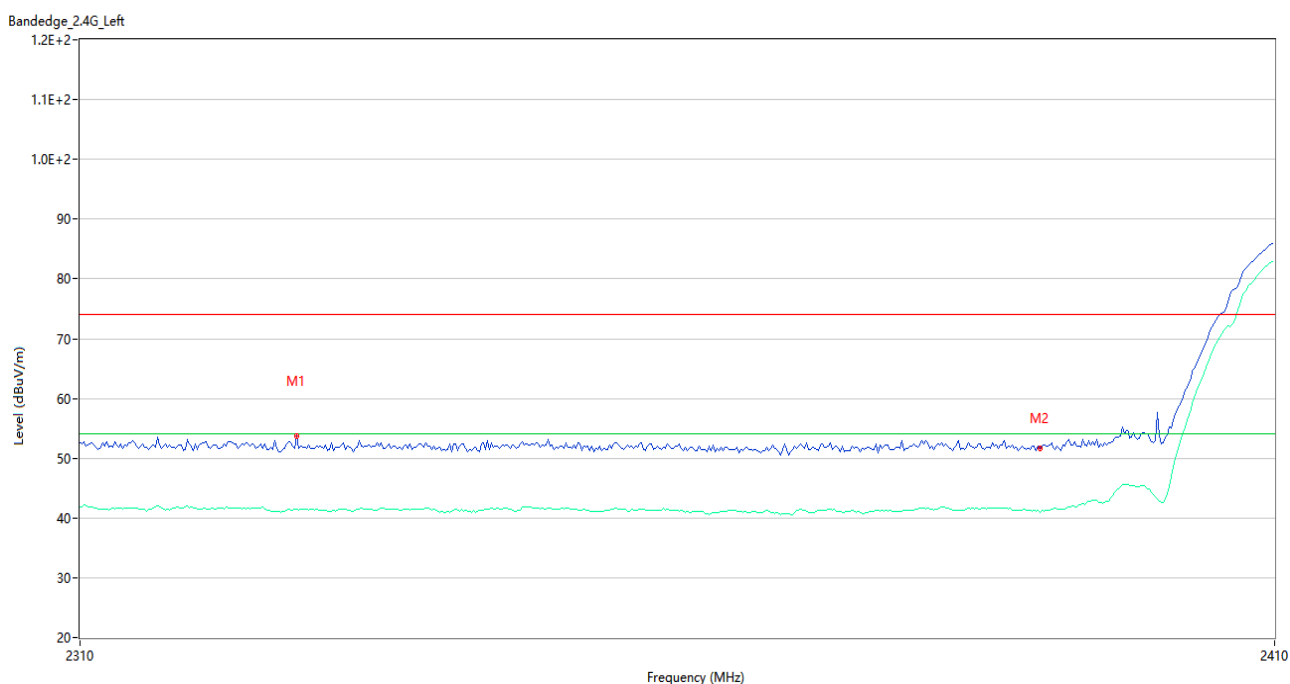
Note²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note³: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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.

Note⁴: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

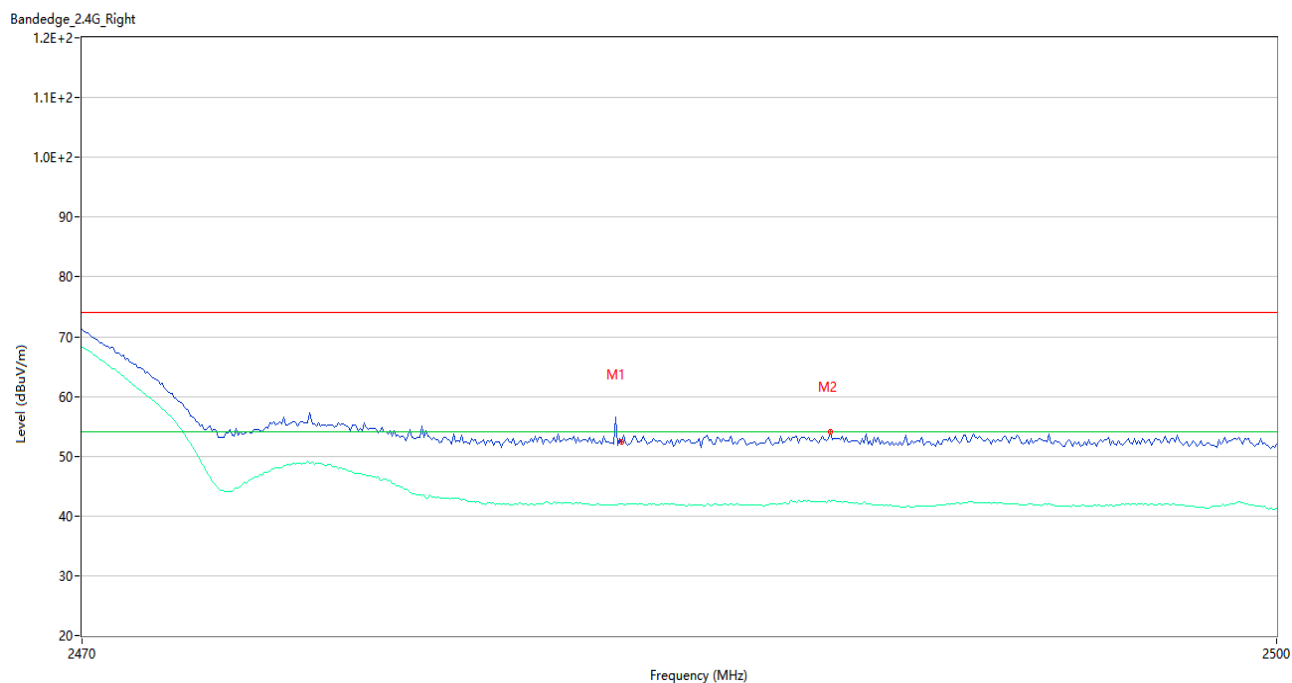
Test Data and Plots

802.11b LOW CHANNEL



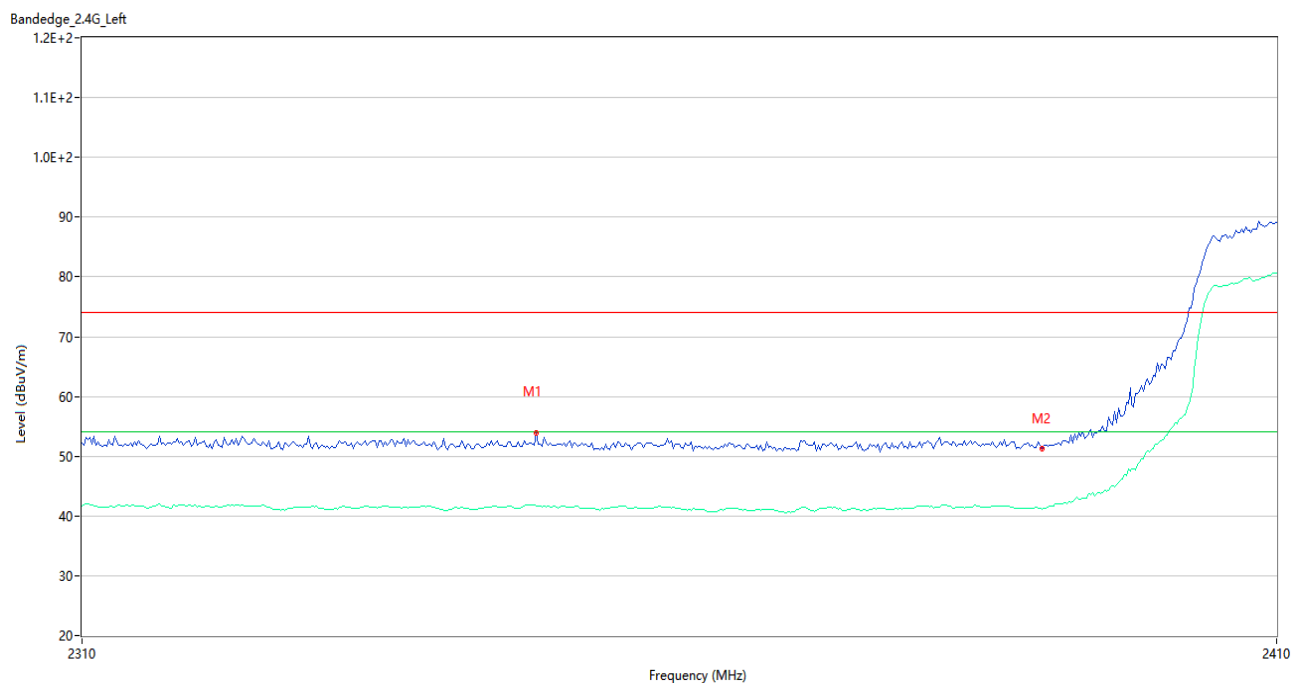
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2327.833	53.77	-1.94	74.0	20.23	Peak	14.00	400	Vertical	Pass
1**	2327.833	41.41	-1.94	54.0	12.59	AV	14.00	400	Vertical	Pass
2	2390.000	51.68	-2.16	74.0	22.32	Peak	85.00	200	Vertical	Pass
2**	2390.000	40.98	-2.16	54.0	13.02	AV	85.00	200	Vertical	Pass

802.11b HIGH CHANNEL



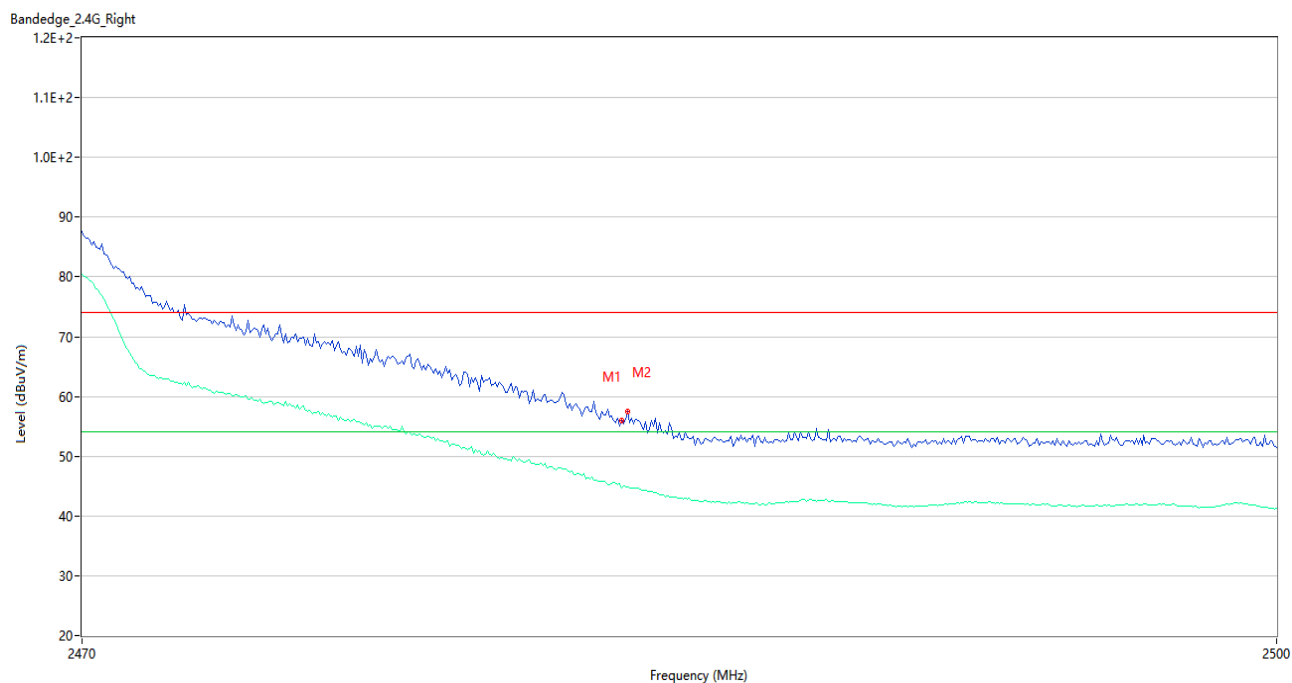
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.32	-1.04	74.0	21.68	Peak	360.00	300	Vertical	Pass
1**	2483.500	42.02	-1.04	54.0	11.98	AV	360.00	300	Vertical	Pass
2	2488.750	54.09	-0.71	74.0	19.91	Peak	305.00	300	Vertical	Pass
2**	2488.750	42.47	-0.71	54.0	11.53	AV	305.00	300	Vertical	Pass

802.11g LOW CHANNEL



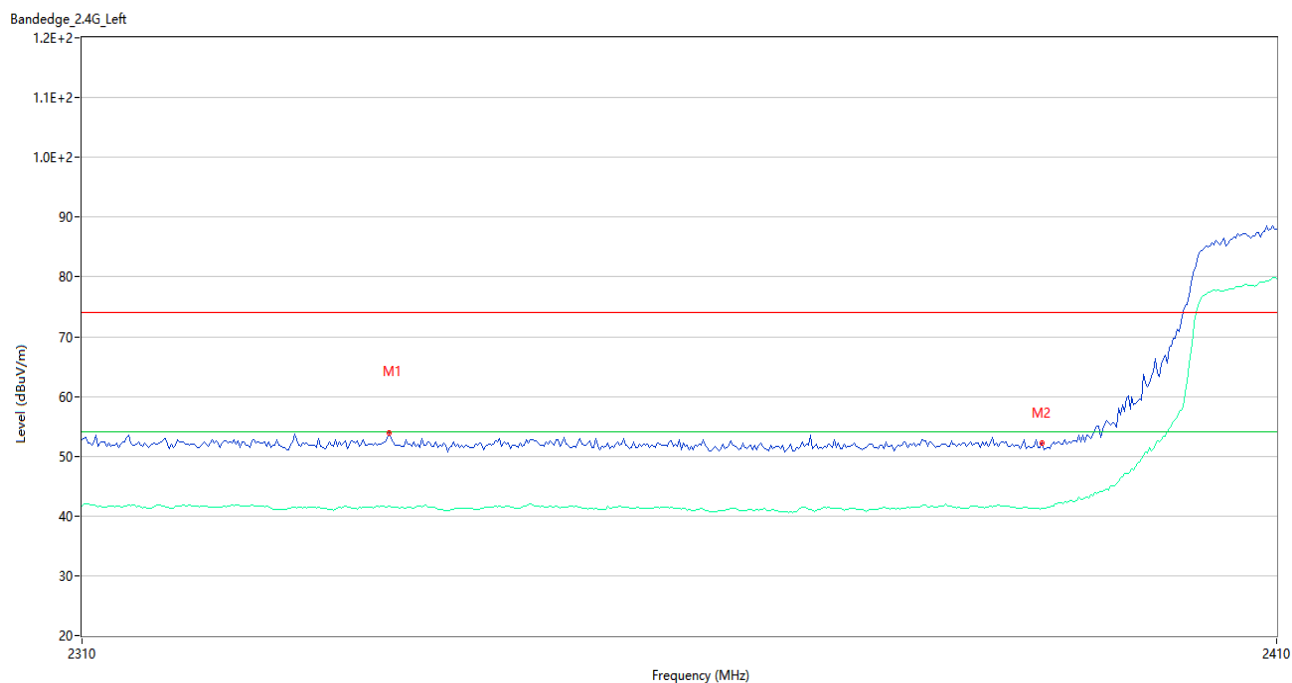
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2347.500	53.93	-1.69	74.0	20.07	Peak	68.00	400	Vertical	Pass
1**	2347.500	41.60	-1.69	54.0	12.40	AV	68.00	400	Vertical	Pass
2	2390.000	51.31	-2.16	74.0	22.69	Peak	51.00	300	Vertical	Pass
2**	2390.000	41.16	-2.16	54.0	12.84	AV	51.00	300	Vertical	Pass

802.11g HIGH CHANNEL



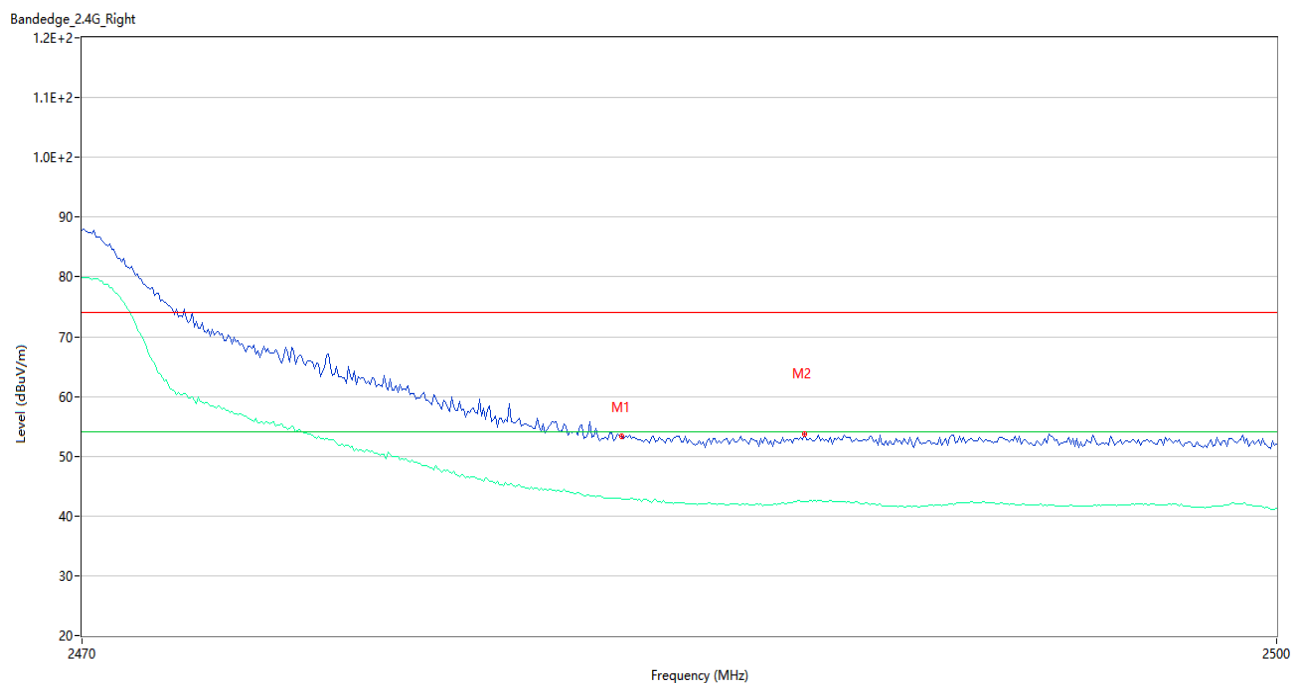
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.88	-1.04	74.0	18.12	Peak	97.00	100	Vertical	Pass
1**	2483.500	44.75	-1.04	54.0	9.25	AV	97.00	100	Vertical	Pass
2	2483.650	57.42	-1.01	74.0	16.58	Peak	116.00	100	Vertical	Pass
2**	2483.650	44.95	-1.01	54.0	9.05	AV	116.00	100	Vertical	Pass

802.11n20 LOW CHANNEL



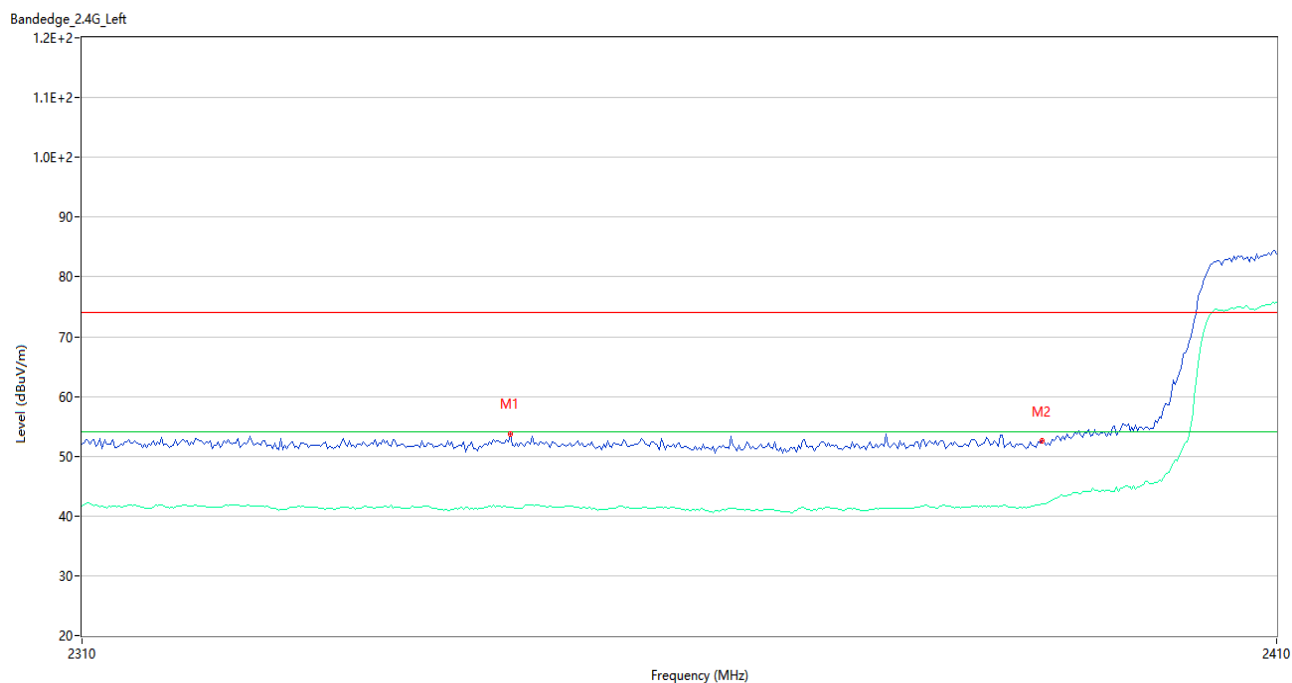
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2335.333	53.85	-1.91	74.0	20.15	Peak	182.00	300	Vertical	Pass
1**	2335.333	41.61	-1.91	54.0	12.39	AV	182.00	300	Vertical	Pass
2	2390.000	52.23	-2.16	74.0	21.77	Peak	76.00	100	Vertical	Pass
2**	2390.000	41.22	-2.16	54.0	12.78	AV	76.00	100	Vertical	Pass

802.11n20 HIGH CHANNEL



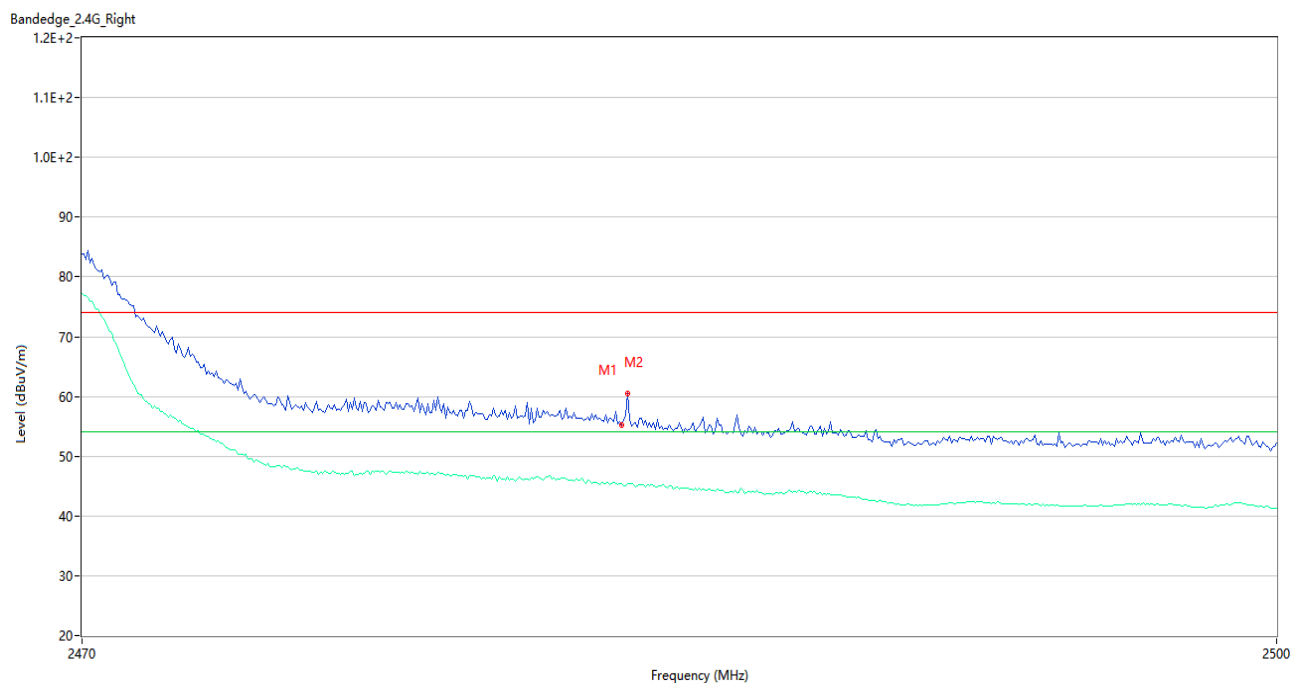
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.28	-1.04	74.0	20.72	Peak	104.00	200	Vertical	Pass
1**	2483.500	42.76	-1.04	54.0	11.24	AV	104.00	200	Vertical	Pass
2	2488.100	53.66	-0.68	74.0	20.34	Peak	21.00	100	Vertical	Pass
2**	2488.100	42.33	-0.68	54.0	11.67	AV	21.00	100	Vertical	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	2345.333	53.78	-1.87	74.0	20.22	Peak	174.00	400	Vertical	Pass
1**	2345.333	41.52	-1.87	54.0	12.48	AV	174.00	400	Vertical	Pass
2	2390.000	52.57	-2.16	74.0	21.43	Peak	171.00	300	Vertical	Pass
2**	2390.000	42.09	-2.16	54.0	11.91	AV	171.00	300	Vertical	Pass

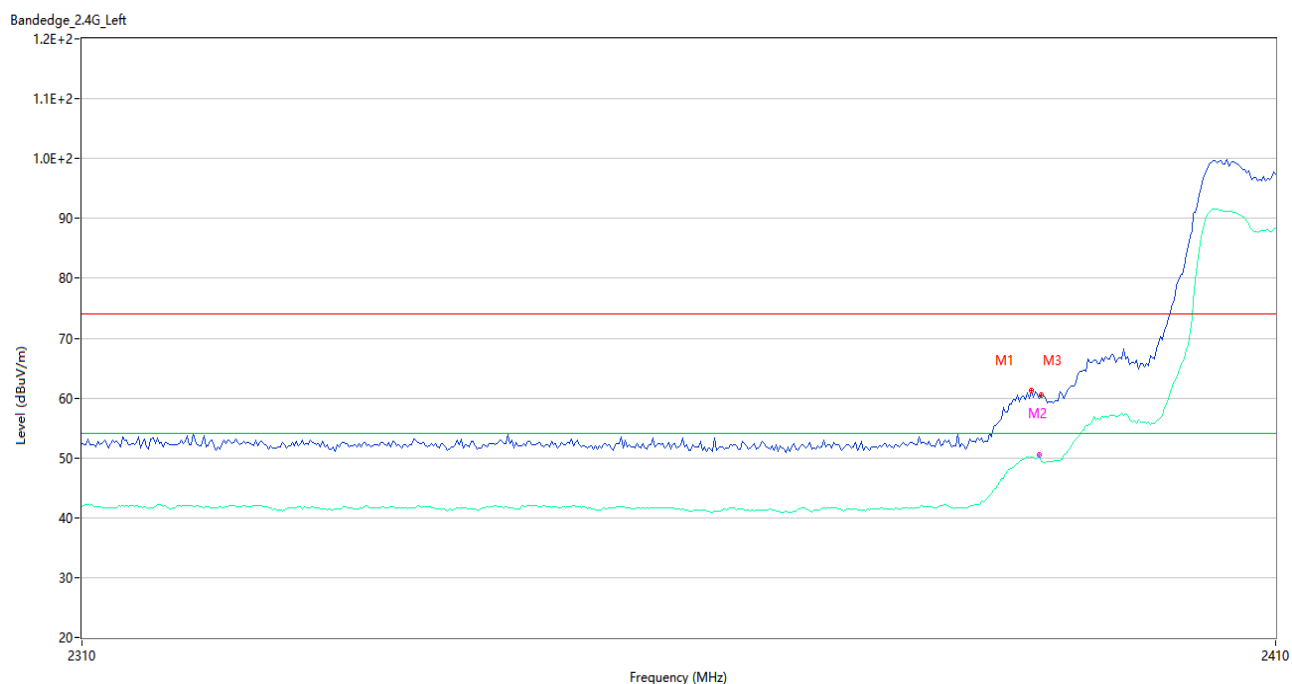
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.22	-1.04	74.0	18.78	Peak	104.00	400	Vertical	Pass
1**	2483.500	45.37	-1.04	54.0	8.63	AV	104.00	400	Vertical	Pass
2	2483.650	60.44	-1.01	74.0	13.56	Peak	134.00	100	Vertical	Pass
2**	2483.650	45.48	-1.01	54.0	8.52	AV	134.00	100	Vertical	Pass

worst case-GripID-FAP30CR

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	2389.167	61.21	-1.99	74.0	12.79	Peak	179.00	200	Horizontal	Pass
1**	2389.167	50.08	-1.99	54.0	3.92	AV	179.00	200	Horizontal	Pass
2	2389.833	60.01	-2.11	74.0	13.99	Peak	179.00	100	Horizontal	Pass
2**	2389.833	50.44	-2.11	54.0	3.56	AV	179.00	100	Horizontal	Pass
3	2390.000	60.53	-2.16	74.0	13.47	Peak	188.00	200	Horizontal	Pass
3**	2390.000	49.42	-2.16	54.0	4.58	AV	188.00	200	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-4.224	8	Pass
Middle	-4.987	8	Pass
High	-5.147	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-4.623	8	Pass
Middle	-5.301	8	Pass
High	-4.843	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.472	8	Pass
Middle	-7.384	8	Pass
High	-7.584	8	Pass

802.11n-40 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.843	8	Pass
Middle	-10.75	8	Pass
High	-8.944	8	Pass