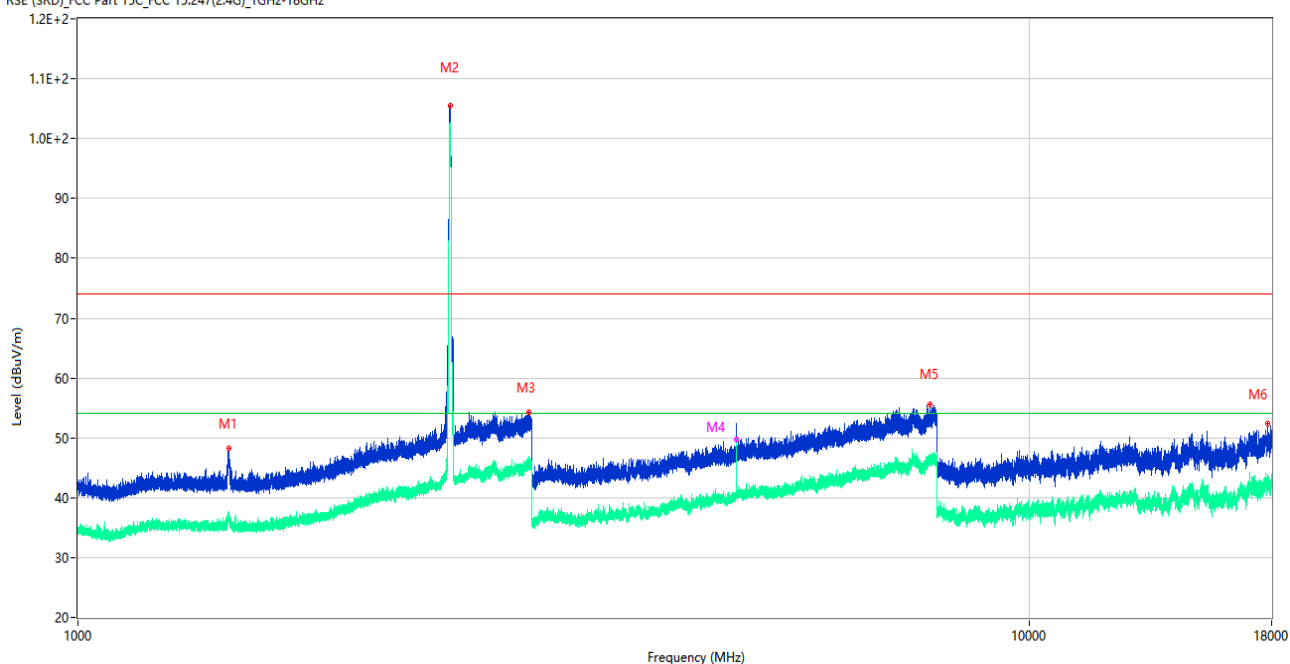


1 GHz to 18 GHz, ANT H 802.11b High Channel

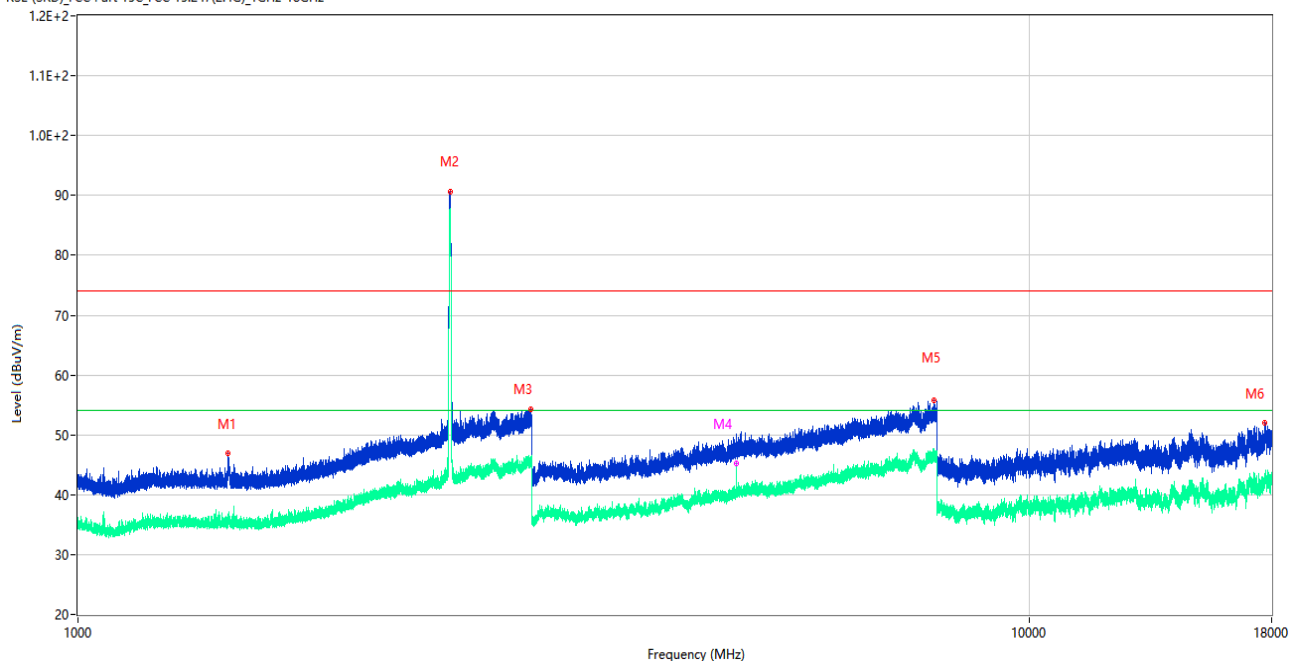
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.000	48.30	74.0	25.70	Peak	35.00	100	Horizontal	Pass
1**	1441.000	37.18	54.0	16.82	AV	35.00	100	Horizontal	Pass
2	2462.000	105.41	--	--	Peak	245.00	300	Horizontal	N/A
2**	2462.000	101.71	--	--	AV	245.00	300	Horizontal	N/A
3	2981.600	54.32	74.0	19.68	Peak	346.00	400	Horizontal	Pass
3**	2981.600	44.99	54.0	9.01	AV	346.00	400	Horizontal	Pass
4	4924.250	51.34	74.0	22.66	Peak	171.00	100	Horizontal	Pass
4**	4924.250	49.75	54.0	4.25	AV	171.00	100	Horizontal	Pass
5	7864.500	55.66	74.0	18.34	Peak	90.00	400	Horizontal	Pass
5**	7864.500	46.55	54.0	7.45	AV	90.00	400	Horizontal	Pass
6	17825.700	52.33	74.0	21.67	Peak	2.00	100	Horizontal	Pass
6**	17825.700	42.03	54.0	11.97	AV	2.00	100	Horizontal	Pass

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

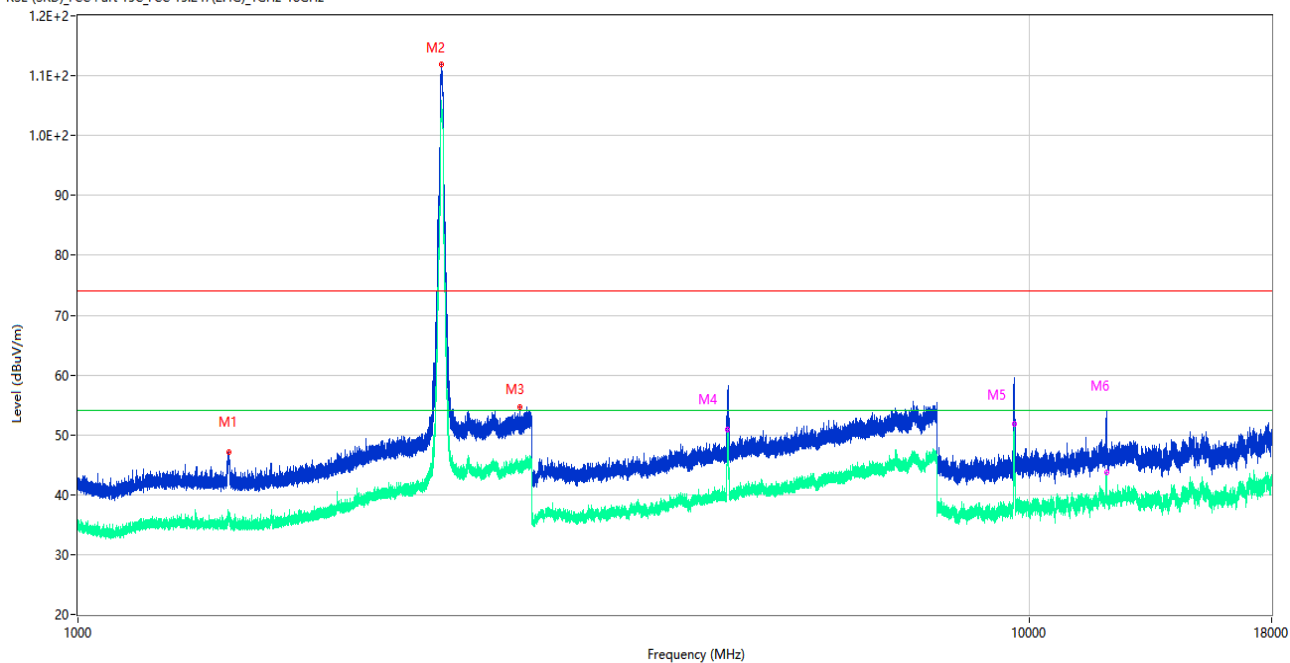
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.600	46.89	74.0	27.11	Peak	138.00	400	Vertical	Pass
1**	1437.600	35.71	54.0	18.29	AV	138.00	400	Vertical	Pass
2	2462.000	90.62	--	--	Peak	332.00	200	Vertical	N/A
2**	2462.000	86.14	--	--	AV	332.00	200	Vertical	N/A
3	2996.300	54.19	74.0	19.81	Peak	359.00	300	Vertical	Pass
3**	2996.300	45.50	54.0	8.50	AV	359.00	300	Vertical	Pass
4	4924.250	50.22	74.0	23.78	Peak	8.00	100	Vertical	Pass
4**	4924.250	45.27	54.0	8.73	AV	8.00	100	Vertical	Pass
5	7940.750	55.79	74.0	18.21	Peak	147.00	100	Vertical	Pass
5**	7940.750	46.21	54.0	7.79	AV	147.00	100	Vertical	Pass
6	17689.463	52.00	74.0	22.00	Peak	269.00	100	Vertical	Pass
6**	17689.463	42.11	54.0	11.89	AV	269.00	100	Vertical	Pass

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

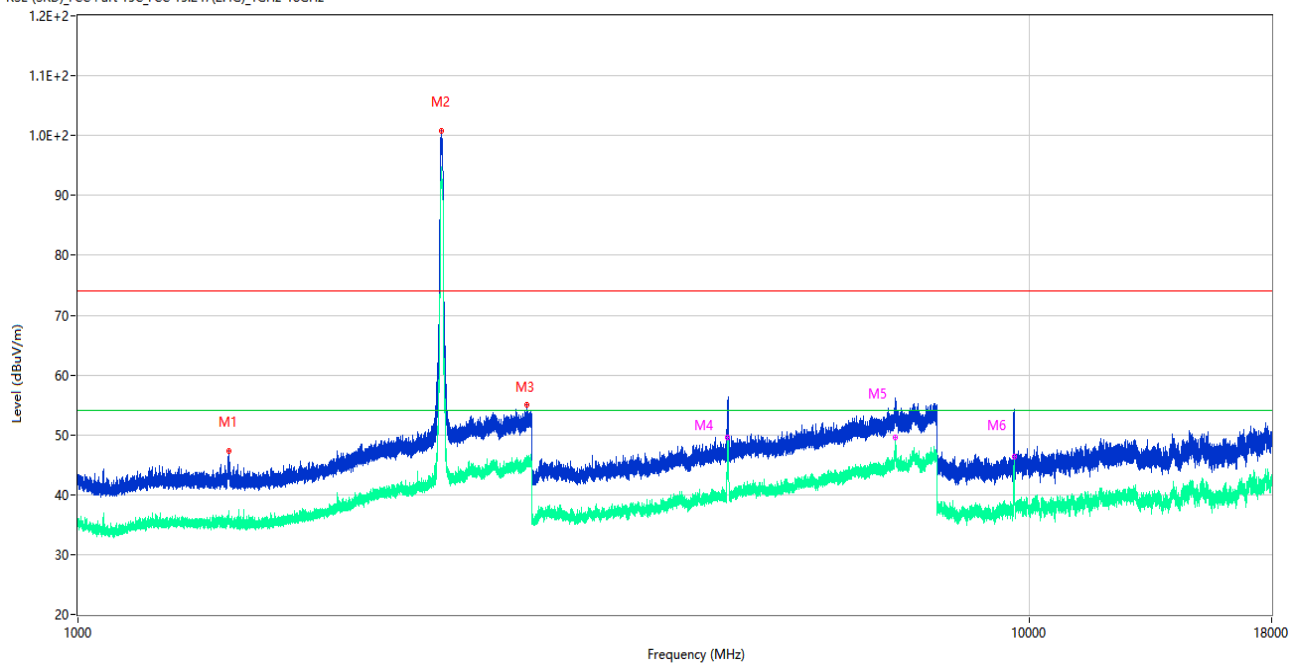
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.900	47.18	74.0	26.82	Peak	98.00	300	Horizontal	Pass
1**	1441.900	35.84	54.0	18.16	AV	98.00	300	Horizontal	Pass
2	2410.700	111.93	--	--	Peak	294.00	200	Horizontal	N/A
2**	2410.700	104.82	--	--	AV	294.00	200	Horizontal	N/A
3	2914.600	54.73	74.0	19.27	Peak	106.00	100	Horizontal	Pass
3**	2914.600	44.48	54.0	9.52	AV	106.00	100	Horizontal	Pass
4	4824.750	55.60	74.0	18.40	Peak	196.00	200	Horizontal	Pass
4**	4824.750	50.96	54.0	3.04	AV	196.00	200	Horizontal	Pass
5	9650.150	56.68	74.0	17.32	Peak	328.00	400	Horizontal	Pass
5**	9650.150	51.86	--	--	AV	328.00	400	Horizontal	N/A
6	12063.388	49.91	74.0	24.09	Peak	360.00	400	Horizontal	Pass
6**	12063.388	43.81	54.0	10.19	AV	360.00	400	Horizontal	Pass

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

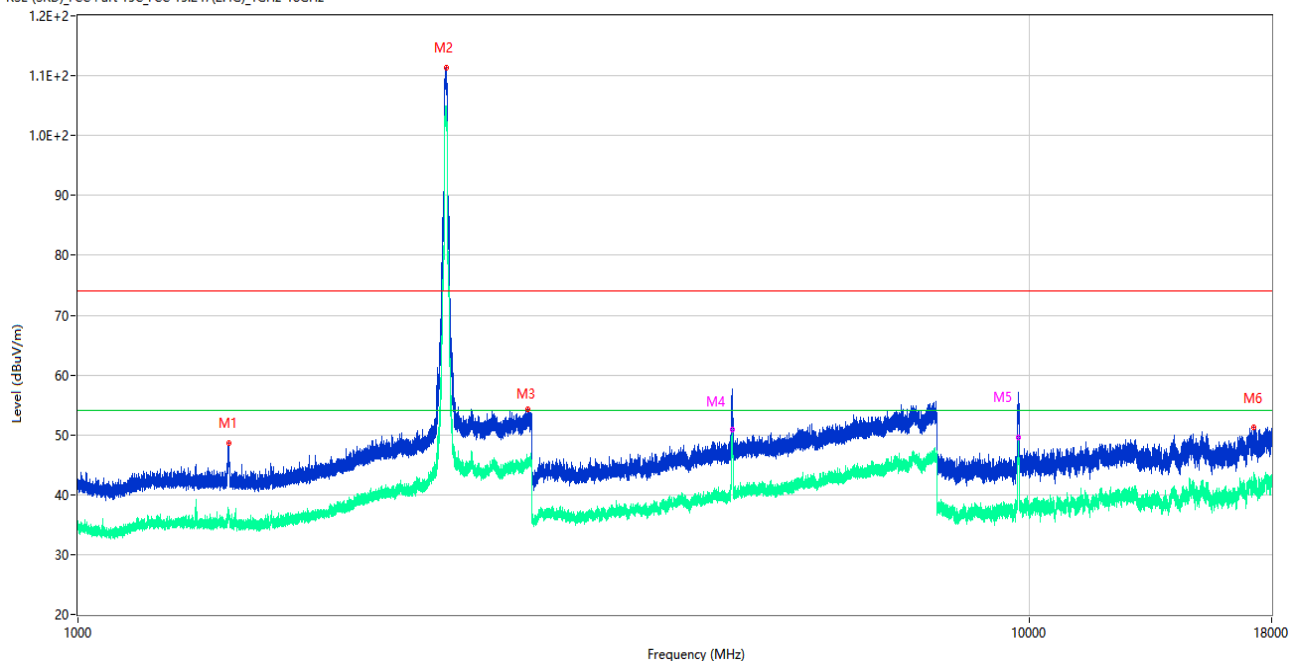
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	47.22	74.0	26.78	Peak	250.00	300	Vertical	Pass
1**	1440.000	36.39	54.0	17.61	AV	250.00	300	Vertical	Pass
2	2410.600	100.78	--	--	Peak	206.00	100	Vertical	N/A
2**	2410.600	92.98	--	--	AV	206.00	100	Vertical	N/A
3	2966.800	54.96	74.0	19.04	Peak	182.00	300	Vertical	Pass
3**	2966.800	45.21	54.0	8.79	AV	182.00	300	Vertical	Pass
4	4824.500	54.89	74.0	19.11	Peak	228.00	200	Vertical	Pass
4**	4824.500	49.55	54.0	4.45	AV	228.00	200	Vertical	Pass
5	7237.500	53.60	74.0	20.40	Peak	187.00	100	Vertical	Pass
5**	7237.500	49.55	--	--	AV	187.00	100	Vertical	N/A
6	9653.474	51.14	74.0	22.86	Peak	255.00	100	Vertical	Pass
6**	9653.474	46.34	--	--	AV	255.00	100	Vertical	N/A

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

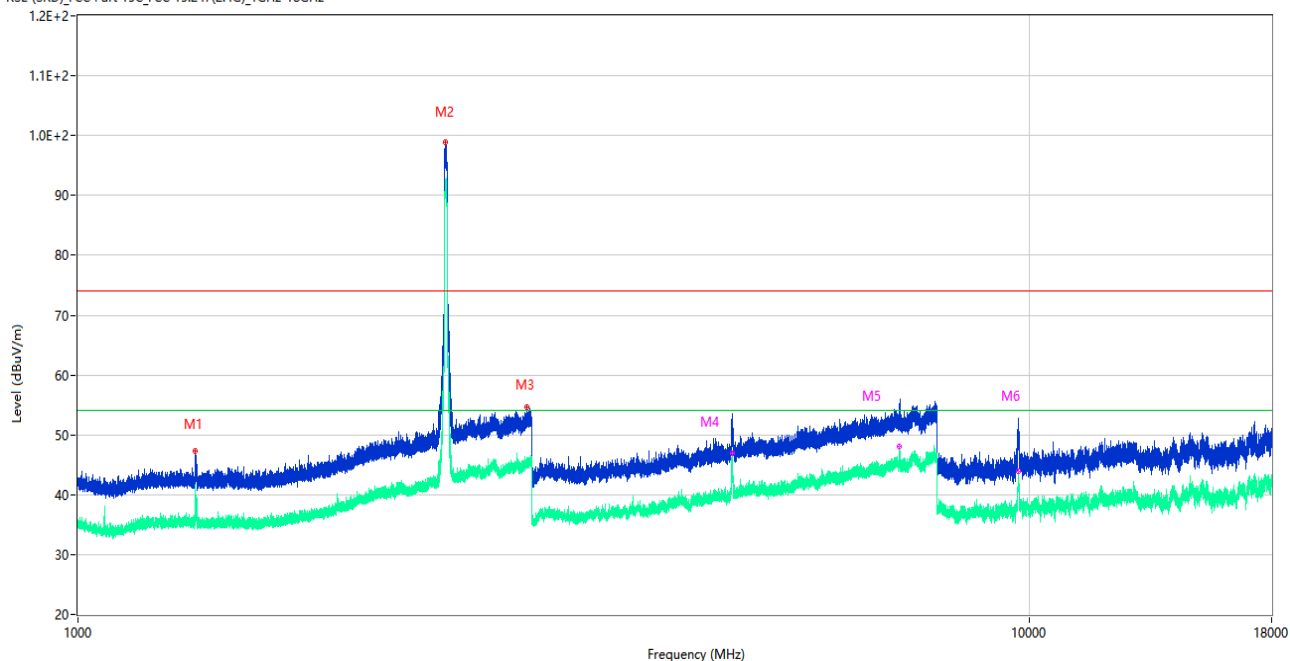
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	48.55	74.0	25.45	Peak	359.00	200	Horizontal	Pass
1**	1439.900	36.14	54.0	17.86	AV	359.00	200	Horizontal	Pass
2	2438.100	111.36	--	--	Peak	227.00	200	Horizontal	N/A
2**	2438.100	104.84	--	--	AV	227.00	200	Horizontal	N/A
3	2970.800	54.22	74.0	19.78	Peak	3.00	400	Horizontal	Pass
3**	2970.800	45.38	54.0	8.62	AV	3.00	400	Horizontal	Pass
4	4876.250	55.00	74.0	19.00	Peak	263.00	100	Horizontal	Pass
4**	4876.250	50.84	54.0	3.16	AV	263.00	100	Horizontal	Pass
5	9738.974	54.21	74.0	19.79	Peak	323.00	100	Horizontal	Pass
5**	9738.974	49.55	--	--	AV	323.00	100	Horizontal	N/A
6	17246.364	51.22	74.0	22.78	Peak	130.00	300	Horizontal	Pass
6**	17246.364	43.02	54.0	10.98	AV	130.00	300	Horizontal	Pass

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

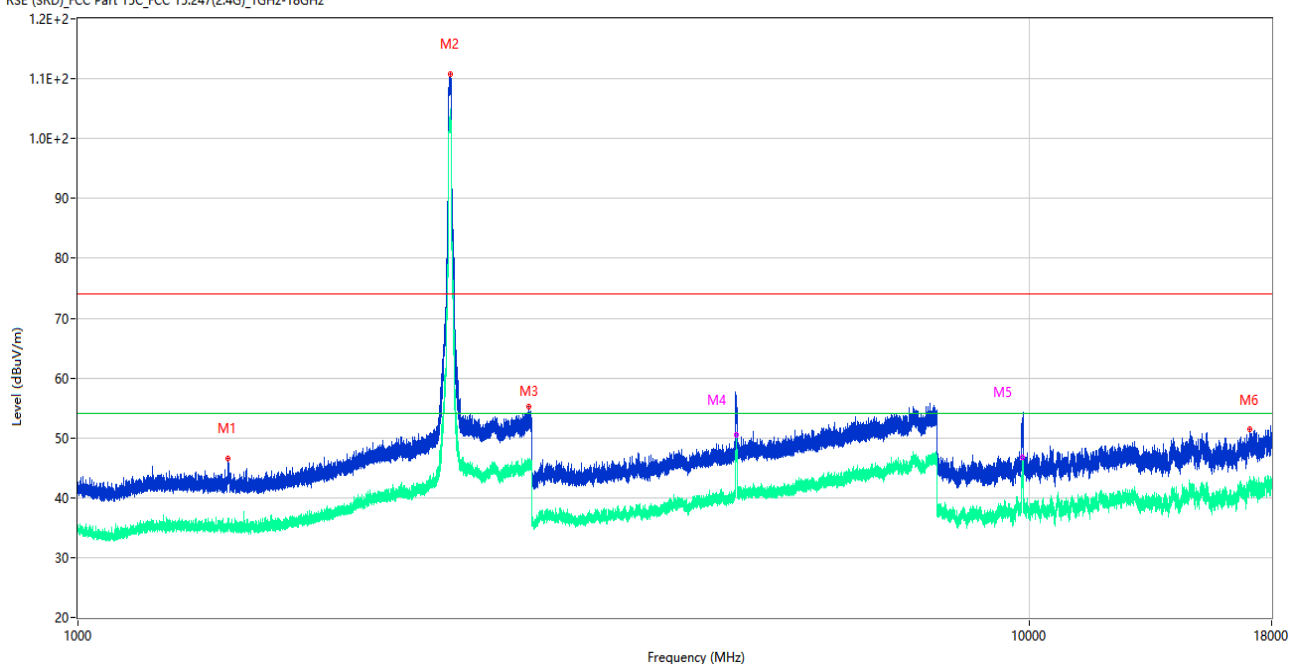
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.000	47.39	74.0	26.61	Peak	158.00	300	Vertical	Pass
1**	1329.000	38.72	54.0	15.28	AV	158.00	300	Vertical	Pass
2	2436.000	98.94	--	--	Peak	241.00	100	Vertical	N/A
2**	2436.000	91.85	--	--	AV	241.00	100	Vertical	N/A
3	2965.100	54.61	74.0	19.39	Peak	6.00	200	Vertical	Pass
3**	2965.100	45.74	54.0	8.26	AV	6.00	200	Vertical	Pass
4	4875.750	52.78	74.0	21.22	Peak	246.00	100	Vertical	Pass
4**	4875.750	46.87	54.0	7.13	AV	246.00	100	Vertical	Pass
5	7313.250	54.48	74.0	19.52	Peak	197.00	100	Vertical	Pass
5**	7313.250	48.04	54.0	5.96	AV	197.00	100	Vertical	Pass
6	9749.662	48.81	74.0	25.19	Peak	160.00	100	Vertical	Pass
6**	9749.662	43.98	--	--	AV	160.00	100	Vertical	N/A

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

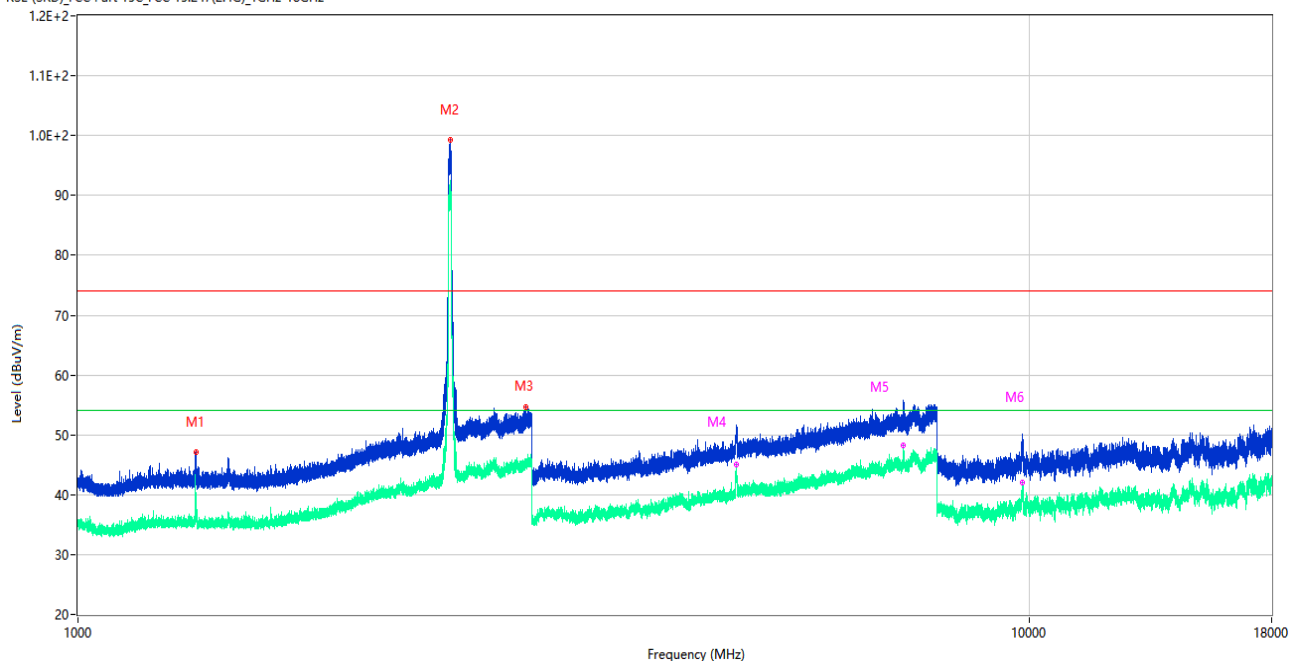
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	46.64	74.0	27.36	Peak	31.00	200	Horizontal	Pass
1**	1439.500	35.13	54.0	18.87	AV	31.00	200	Horizontal	Pass
2	2463.200	110.81	--	--	Peak	271.00	300	Horizontal	N/A
2**	2463.200	103.88	--	--	AV	271.00	300	Horizontal	N/A
3	2978.300	55.18	74.0	18.82	Peak	2.00	100	Horizontal	Pass
3**	2978.300	44.90	54.0	9.10	AV	2.00	100	Horizontal	Pass
4	4926.500	54.74	74.0	19.26	Peak	259.00	100	Horizontal	Pass
4**	4926.500	50.45	54.0	3.55	AV	259.00	100	Horizontal	Pass
5	9839.438	52.98	74.0	21.02	Peak	322.00	100	Horizontal	Pass
5**	9839.438	46.67	--	--	AV	322.00	100	Horizontal	N/A
6	17081.512	51.36	74.0	22.64	Peak	305.00	100	Horizontal	Pass
6**	17081.512	41.59	54.0	12.41	AV	305.00	100	Horizontal	Pass

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

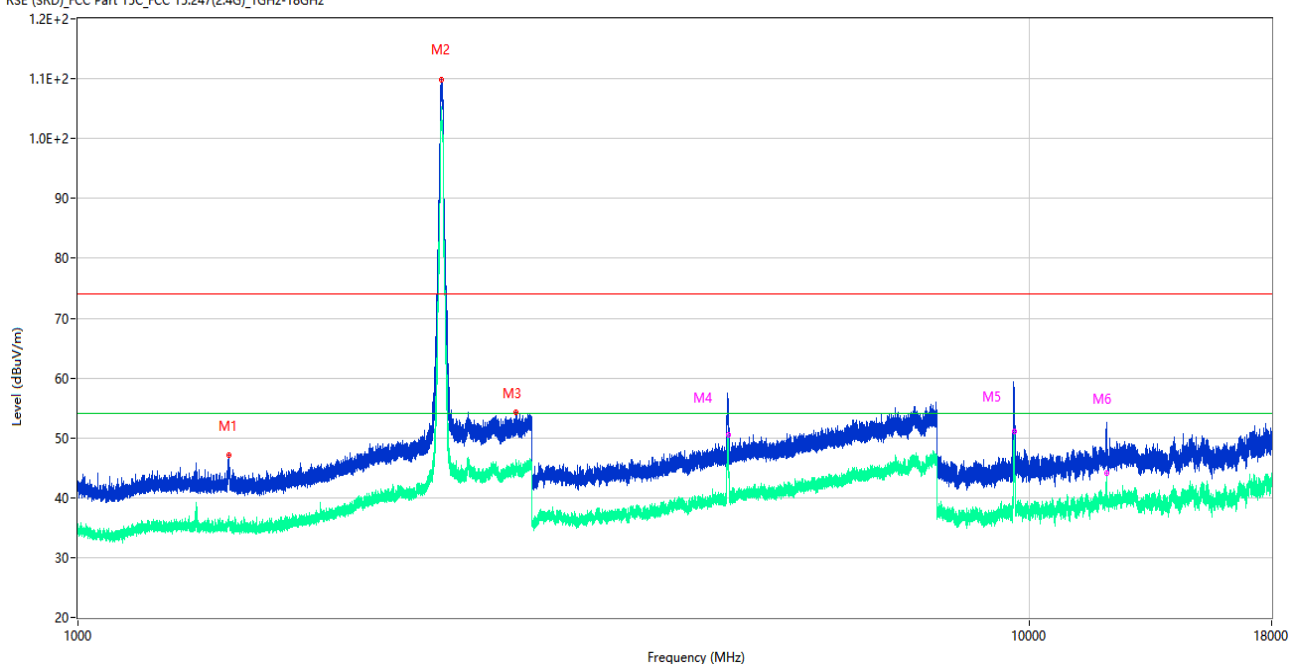
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	47.20	74.0	26.80	Peak	99.00	100	Vertical	Pass
1**	1332.400	37.09	54.0	16.91	AV	99.00	100	Vertical	Pass
2	2463.700	99.30	--	--	Peak	76.00	100	Vertical	N/A
2**	2463.700	92.58	--	--	AV	76.00	100	Vertical	N/A
3	2959.300	54.74	74.0	19.26	Peak	17.00	100	Vertical	Pass
3**	2959.300	45.11	54.0	8.89	AV	17.00	100	Vertical	Pass
4	4924.500	50.96	74.0	23.04	Peak	32.00	200	Vertical	Pass
4**	4924.500	45.05	54.0	8.95	AV	32.00	200	Vertical	Pass
5	7385.000	53.62	74.0	20.38	Peak	179.00	400	Vertical	Pass
5**	7385.000	48.22	54.0	5.78	AV	179.00	400	Vertical	Pass
6	9845.613	47.40	74.0	26.60	Peak	304.00	300	Vertical	Pass
6**	9845.613	42.08	--	--	AV	304.00	300	Vertical	Pass

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

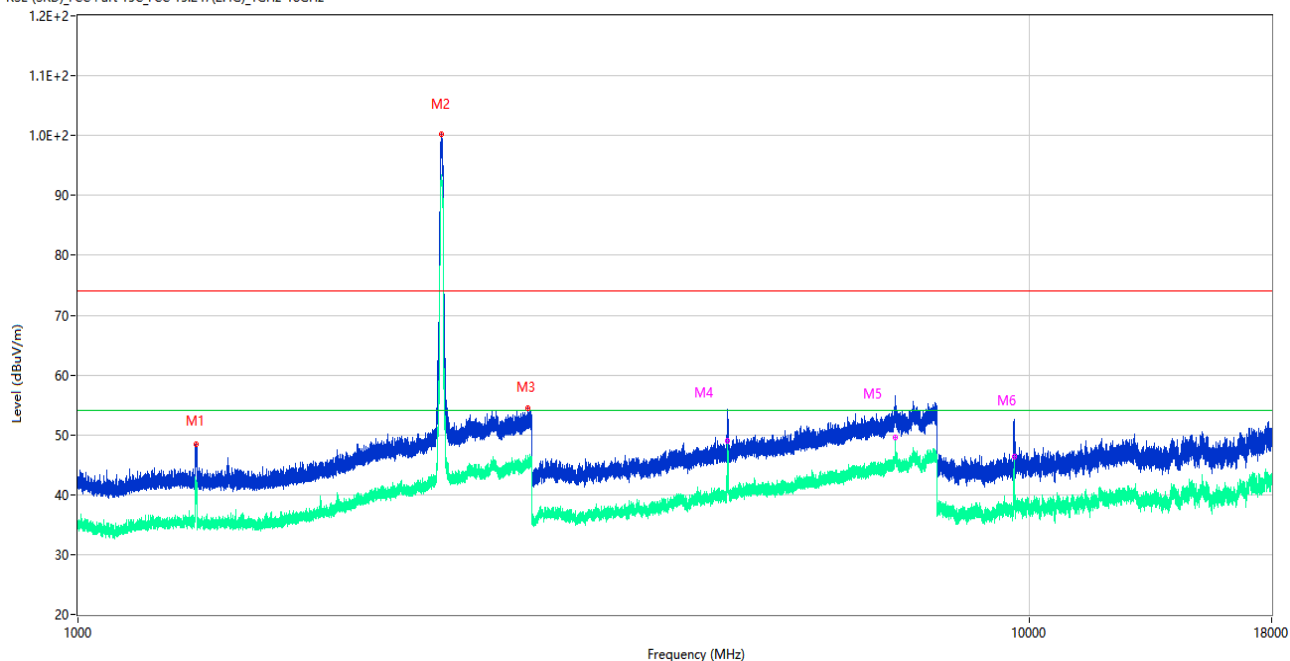
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.800	47.08	74.0	26.92	Peak	346.00	300	Horizontal	Pass
1**	1441.800	36.29	54.0	17.71	AV	346.00	300	Horizontal	Pass
2	2410.500	109.89	--	--	Peak	298.00	200	Horizontal	N/A
2**	2410.500	102.85	--	--	AV	298.00	200	Horizontal	N/A
3	2890.600	54.33	74.0	19.67	Peak	277.00	400	Horizontal	Pass
3**	2890.600	44.86	54.0	9.14	AV	277.00	400	Horizontal	Pass
4	4828.250	54.93	74.0	19.07	Peak	293.00	200	Horizontal	Pass
4**	4828.250	50.59	54.0	3.41	AV	293.00	200	Horizontal	Pass
5	9653.950	55.81	74.0	18.19	Peak	333.00	400	Horizontal	Pass
5**	9653.950	51.06	--	--	AV	333.00	400	Horizontal	Pass
6	12061.963	50.70	74.0	23.30	Peak	0.00	100	Horizontal	Pass
6**	12061.963	44.02	54.0	9.98	AV	0.00	100	Horizontal	Pass

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

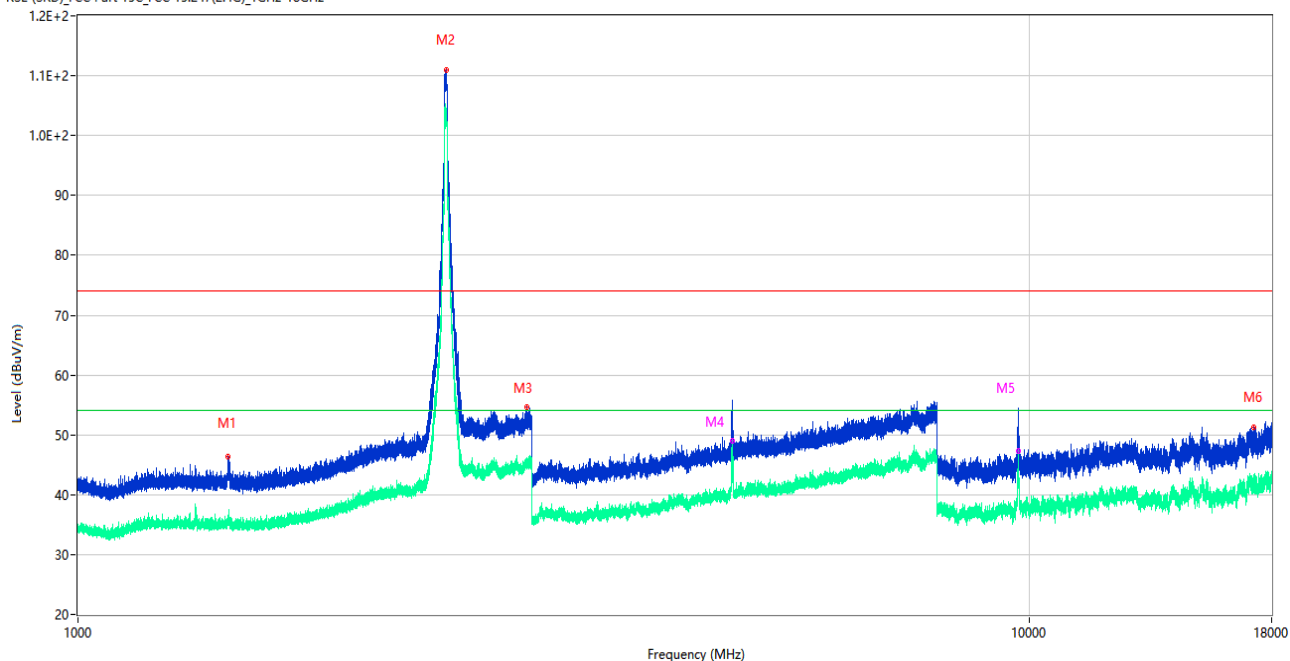
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	48.40	74.0	25.60	Peak	160.00	400	Vertical	Pass
1**	1330.800	38.53	54.0	15.47	AV	160.00	400	Vertical	Pass
2	2411.200	100.30	--	--	Peak	202.00	200	Vertical	N/A
2**	2411.200	93.14	--	--	AV	202.00	200	Vertical	N/A
3	2969.000	54.46	74.0	19.54	Peak	82.00	200	Vertical	Pass
3**	2969.000	46.28	54.0	7.72	AV	82.00	200	Vertical	Pass
4	4823.250	55.79	74.0	18.21	Peak	231.00	300	Vertical	Pass
4**	4823.250	48.97	54.0	5.03	AV	231.00	300	Vertical	Pass
5	7238.000	53.97	74.0	20.03	Peak	1.00	300	Vertical	Pass
5**	7238.000	49.62	54.0	4.38	AV	1.00	300	Vertical	Pass
6	9651.812	49.98	74.0	24.02	Peak	169.00	400	Vertical	Pass
6**	9651.812	46.38	--	--	AV	169.00	400	Vertical	N/A

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

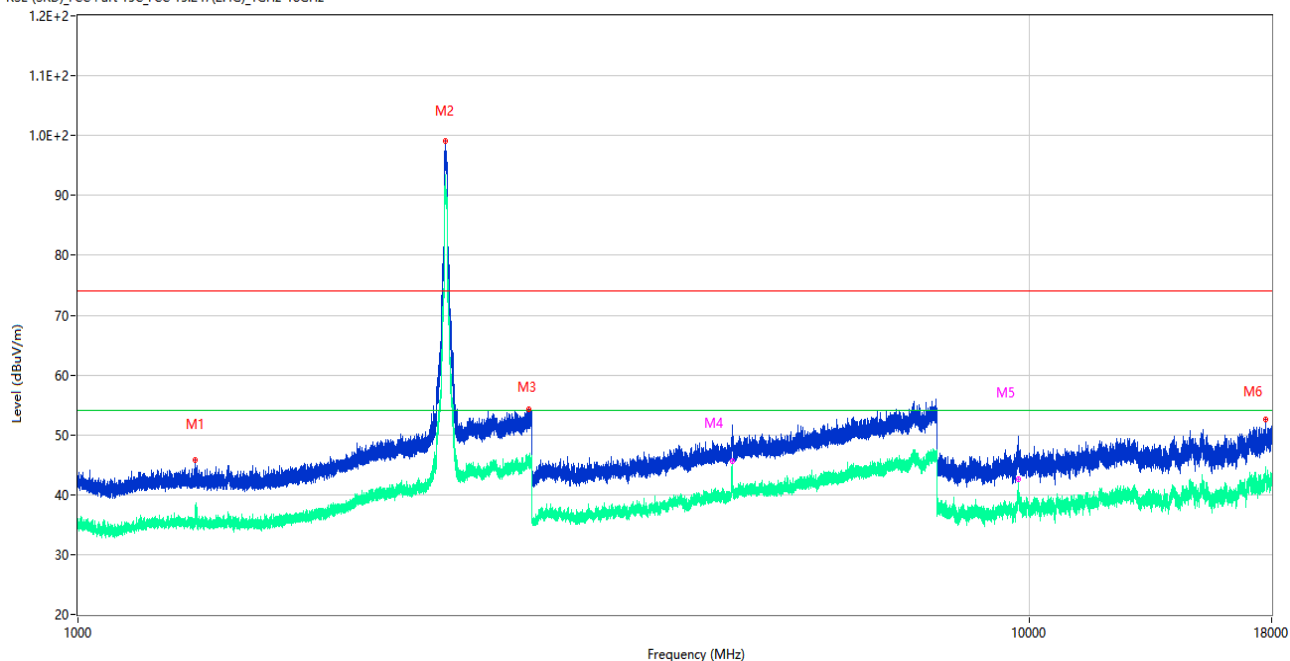
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.300	46.32	74.0	27.68	Peak	356.00	300	Horizontal	Pass
1**	1438.300	35.32	54.0	18.68	AV	356.00	300	Horizontal	Pass
2	2438.500	110.96	--	--	Peak	247.00	200	Horizontal	N/A
2**	2438.500	102.96	--	--	AV	247.00	200	Horizontal	N/A
3	2967.600	54.60	74.0	19.40	Peak	341.00	200	Horizontal	Pass
3**	2967.600	45.28	54.0	8.72	AV	341.00	200	Horizontal	Pass
4	4875.250	52.56	74.0	21.44	Peak	258.00	100	Horizontal	Pass
4**	4875.250	49.01	54.0	4.99	AV	258.00	100	Horizontal	Pass
5	9744.675	50.59	74.0	23.41	Peak	324.00	100	Horizontal	Pass
5**	9744.675	47.27	--	--	AV	324.00	100	Horizontal	N/A
6	17231.401	51.29	74.0	22.71	Peak	65.00	200	Horizontal	Pass
6**	17231.401	41.60	54.0	12.40	AV	65.00	200	Horizontal	Pass

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

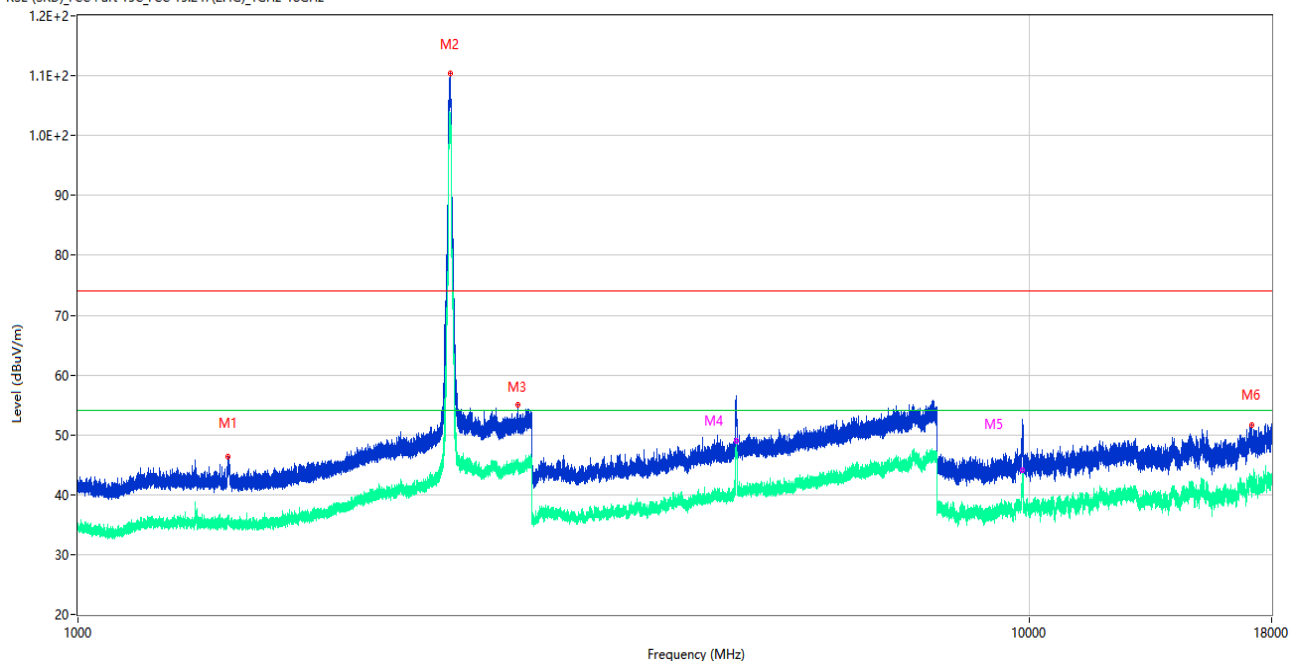
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	45.77	74.0	28.23	Peak	103.00	300	Vertical	Pass
1**	1329.500	38.21	54.0	15.79	AV	103.00	300	Vertical	Pass
2	2436.200	99.17	--	--	Peak	202.00	100	Vertical	N/A
2**	2436.200	93.09	--	--	AV	202.00	100	Vertical	N/A
3	2980.300	54.19	74.0	19.81	Peak	103.00	400	Vertical	Pass
3**	2980.300	44.81	54.0	9.19	AV	103.00	400	Vertical	Pass
4	4875.000	49.92	74.0	24.08	Peak	23.00	400	Vertical	Pass
4**	4875.000	45.57	54.0	8.43	AV	23.00	400	Vertical	Pass
5	9744.201	46.38	74.0	27.62	Peak	305.00	100	Vertical	Pass
5**	9744.201	42.60	--	--	AV	305.00	100	Vertical	N/A
6	17724.901	52.67	74.0	21.33	Peak	83.00	300	Vertical	Pass
6**	17724.901	43.07	54.0	10.93	AV	83.00	300	Vertical	Pass

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

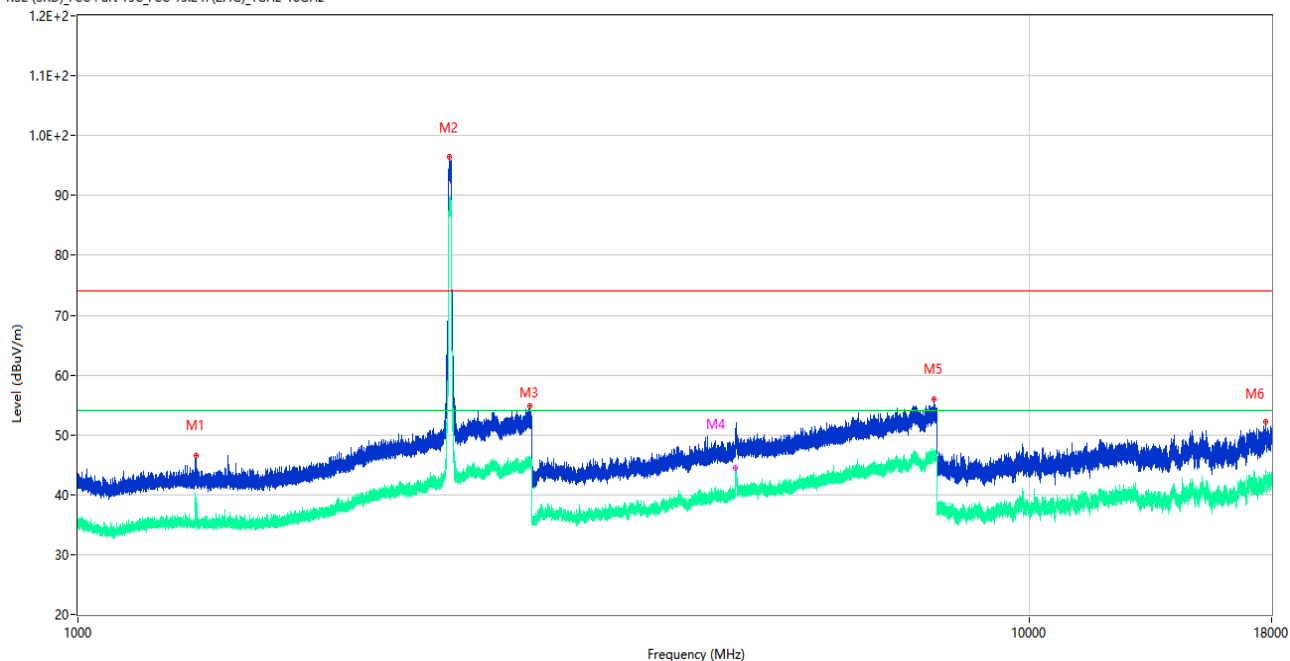
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	46.35	74.0	27.65	Peak	7.00	200	Horizontal	Pass
1**	1439.500	35.85	54.0	18.15	AV	7.00	200	Horizontal	Pass
2	2464.400	110.36	--	--	Peak	247.00	200	Horizontal	N/A
2**	2464.400	101.23	--	--	AV	247.00	200	Horizontal	N/A
3	2903.400	55.04	74.0	18.96	Peak	0.00	100	Horizontal	Pass
3**	2903.400	45.38	54.0	8.62	AV	0.00	100	Horizontal	Pass
4	4924.500	54.16	74.0	19.84	Peak	257.00	100	Horizontal	Pass
4**	4924.500	49.04	54.0	4.96	AV	257.00	100	Horizontal	Pass
5	9848.463	49.76	74.0	24.24	Peak	324.00	100	Horizontal	Pass
5**	9848.463	44.18	--	--	AV	324.00	100	Horizontal	Pass
6	17172.338	51.71	74.0	22.29	Peak	316.00	300	Horizontal	Pass
6**	17172.338	43.15	54.0	10.85	AV	316.00	300	Horizontal	Pass

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

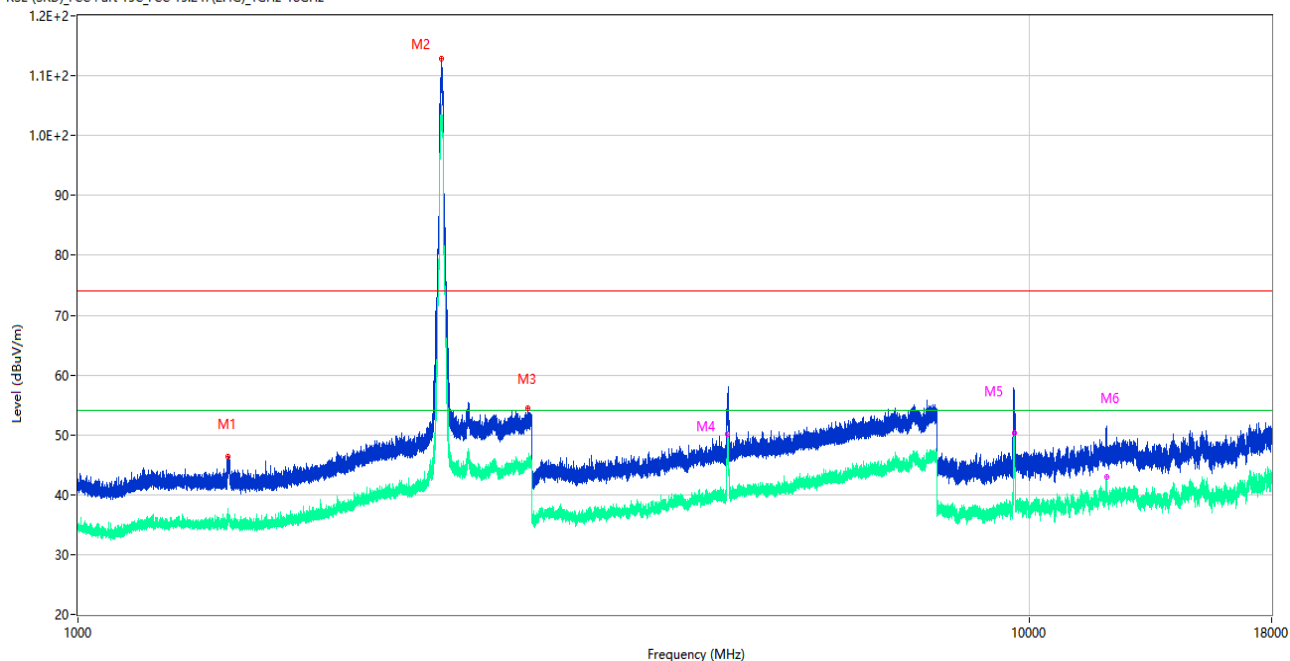
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	46.59	74.0	27.41	Peak	148.00	100	Vertical	Pass
1**	1330.400	35.99	54.0	18.01	AV	148.00	100	Vertical	Pass
2	2460.000	96.37	--	--	Peak	84.00	300	Vertical	N/A
2**	2460.000	89.85	--	--	AV	84.00	300	Vertical	N/A
3	2986.800	54.80	74.0	19.20	Peak	267.00	100	Vertical	Pass
3**	2986.800	45.23	54.0	8.77	AV	267.00	100	Vertical	Pass
4	4918.750	49.53	74.0	24.47	Peak	175.00	100	Vertical	Pass
4**	4918.750	44.53	54.0	9.47	AV	175.00	100	Vertical	Pass
5	7945.750	56.01	74.0	17.99	Peak	351.00	100	Vertical	Pass
5**	7945.750	46.58	54.0	7.42	AV	351.00	100	Vertical	Pass
6	17749.574	52.12	74.0	21.88	Peak	360.00	100	Vertical	Pass
6**	17749.574	42.90	54.0	11.10	AV	360.00	100	Vertical	Pass

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

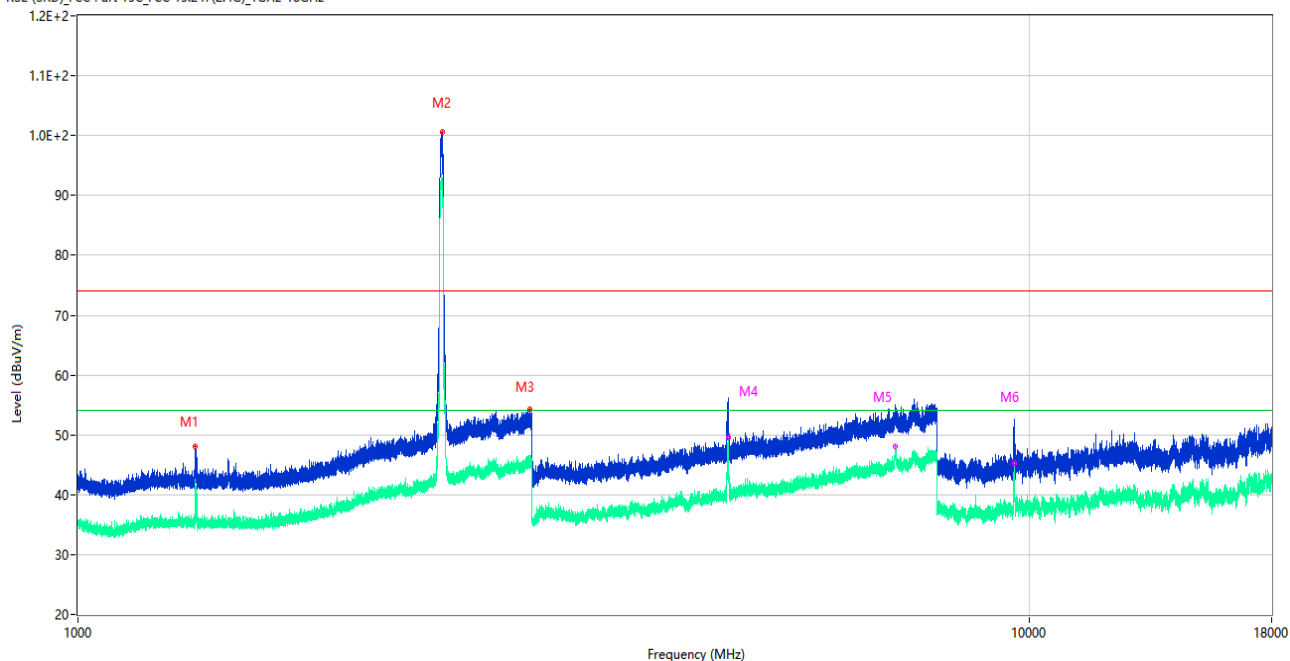
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.300	46.42	74.0	27.58	Peak	341.00	100	Horizontal	Pass
1**	1439.300	35.89	54.0	18.11	AV	341.00	100	Horizontal	Pass
2	2412.100	112.86	--	--	Peak	290.00	100	Horizontal	N/A
2**	2412.100	102.99	--	--	AV	290.00	100	Horizontal	N/A
3	2972.300	54.43	74.0	19.57	Peak	8.00	400	Horizontal	Pass
3**	2972.300	45.67	54.0	8.33	AV	8.00	400	Horizontal	Pass
4	4823.250	54.86	74.0	19.14	Peak	186.00	100	Horizontal	Pass
4**	4823.250	50.06	54.0	3.94	AV	186.00	100	Horizontal	Pass
5	9645.638	55.56	74.0	18.44	Peak	248.00	100	Horizontal	Pass
5**	9645.638	50.32	--	--	AV	248.00	100	Horizontal	Pass
6	12065.526	50.58	74.0	23.42	Peak	229.00	100	Horizontal	Pass
6**	12065.526	42.96	54.0	11.04	AV	229.00	100	Horizontal	Pass

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

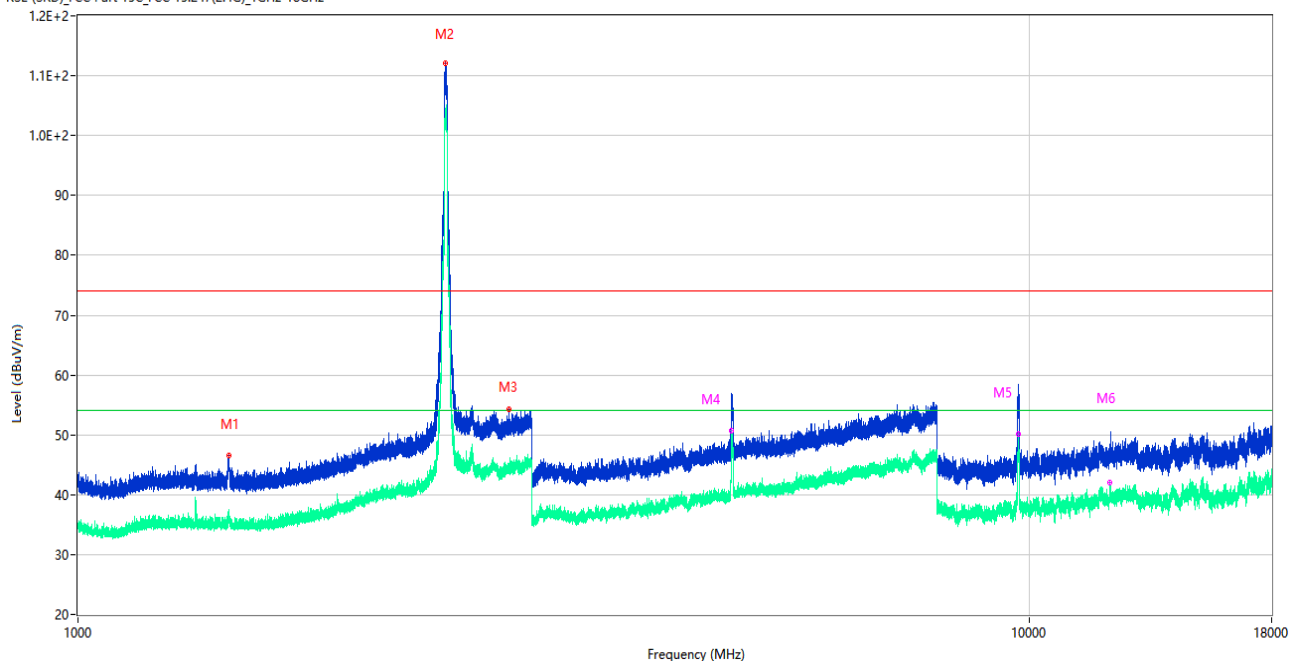
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	48.05	74.0	25.95	Peak	156.00	400	Vertical	Pass
1**	1328.300	35.20	54.0	18.80	AV	156.00	400	Vertical	Pass
2	2416.400	100.59	--	--	Peak	264.00	400	Vertical	N/A
2**	2416.400	90.84	--	--	AV	264.00	400	Vertical	N/A
3	2988.300	54.31	74.0	19.69	Peak	360.00	300	Vertical	Pass
3**	2988.300	45.55	54.0	8.45	AV	360.00	300	Vertical	Pass
4	4825.500	53.12	74.0	20.88	Peak	247.00	100	Vertical	Pass
4**	4825.500	49.53	54.0	4.47	AV	247.00	100	Vertical	Pass
5	7238.750	53.57	74.0	20.43	Peak	209.00	300	Vertical	Pass
5**	7238.750	48.10	54.0	5.90	AV	209.00	300	Vertical	Pass
6	9653.000	51.18	74.0	22.82	Peak	308.00	400	Vertical	Pass
6**	9653.000	45.31	--	--	AV	308.00	400	Vertical	N/A

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

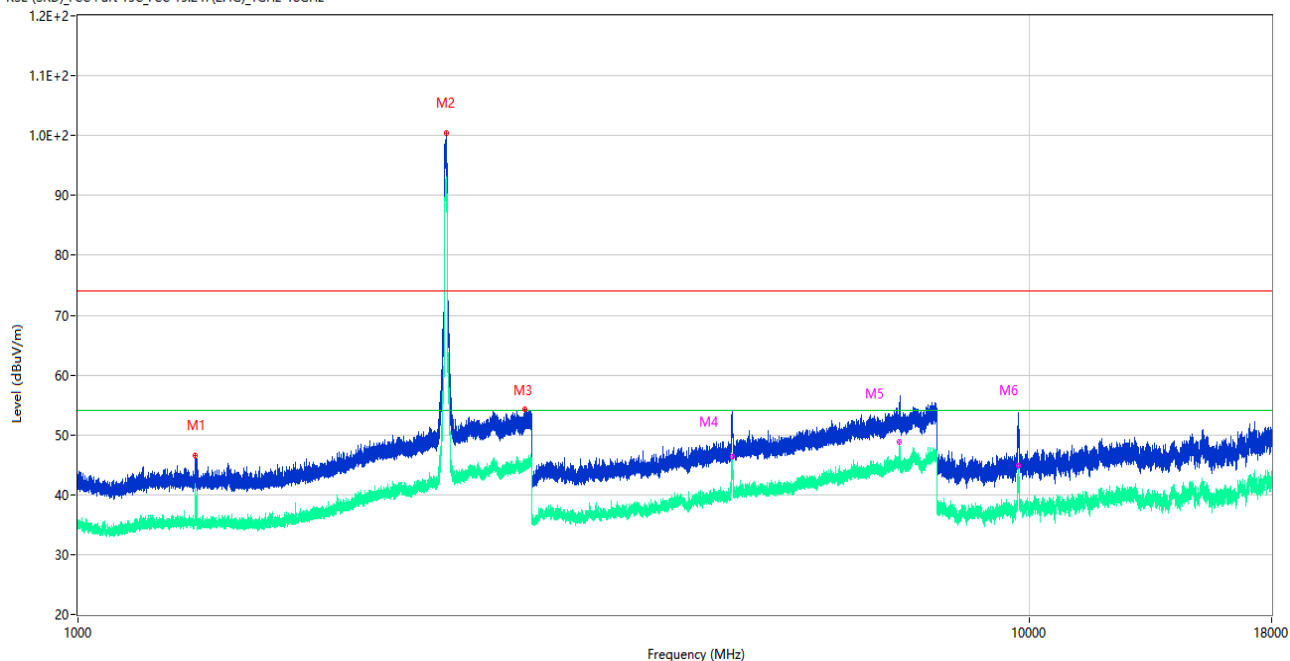
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.400	46.52	74.0	27.48	Peak	360.00	300	Horizontal	Pass
1**	1440.400	36.72	54.0	17.28	AV	360.00	300	Horizontal	Pass
2	2436.300	112.08	--	--	Peak	224.00	100	Horizontal	N/A
2**	2436.300	103.83	--	--	AV	224.00	100	Horizontal	N/A
3	2840.800	54.34	74.0	19.66	Peak	360.00	400	Horizontal	Pass
3**	2840.800	44.46	54.0	9.54	AV	360.00	400	Horizontal	Pass
4	4871.250	53.88	74.0	20.12	Peak	255.00	300	Horizontal	Pass
4**	4871.250	50.68	54.0	3.32	AV	255.00	300	Horizontal	Pass
5	9743.013	56.28	74.0	17.72	Peak	325.00	400	Horizontal	Pass
5**	9743.013	50.12	--	--	AV	325.00	400	Horizontal	N/A
6	12171.924	46.66	74.0	27.34	Peak	158.00	100	Horizontal	Pass
6**	12171.924	42.02	54.0	11.98	AV	158.00	100	Horizontal	Pass

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

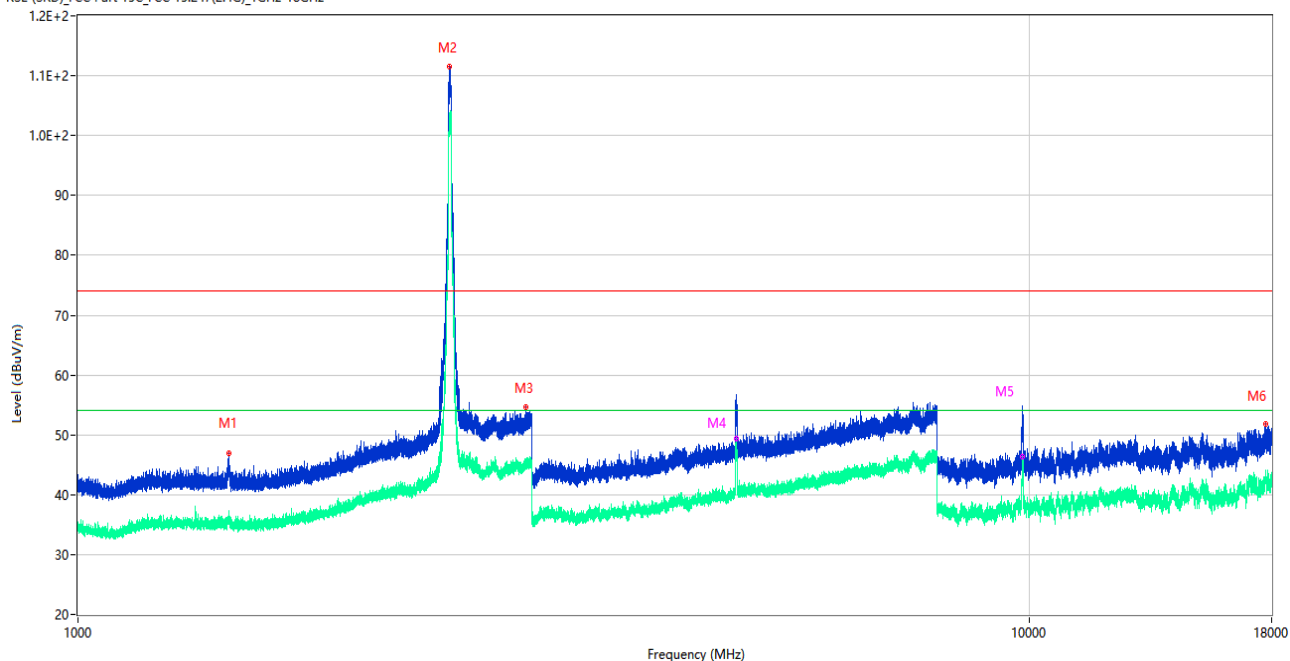
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	46.59	74.0	27.41	Peak	158.00	100	Vertical	Pass
1**	1327.500	35.65	54.0	18.35	AV	158.00	100	Vertical	Pass
2	2438.200	100.42	--	--	Peak	234.00	200	Vertical	N/A
2**	2438.200	92.66	--	--	AV	234.00	200	Vertical	N/A
3	2953.700	54.23	74.0	19.77	Peak	7.00	300	Vertical	Pass
3**	2953.700	45.00	54.0	9.00	AV	7.00	300	Vertical	Pass
4	4873.000	51.09	74.0	22.91	Peak	176.00	100	Vertical	Pass
4**	4873.000	46.44	54.0	7.56	AV	176.00	100	Vertical	Pass
5	7311.250	53.92	74.0	20.08	Peak	176.00	100	Vertical	Pass
5**	7311.250	48.86	54.0	5.14	AV	176.00	100	Vertical	Pass
6	9740.401	50.24	74.0	23.76	Peak	170.00	100	Vertical	Pass
6**	9740.401	44.91	--	--	AV	170.00	100	Vertical	N/A

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

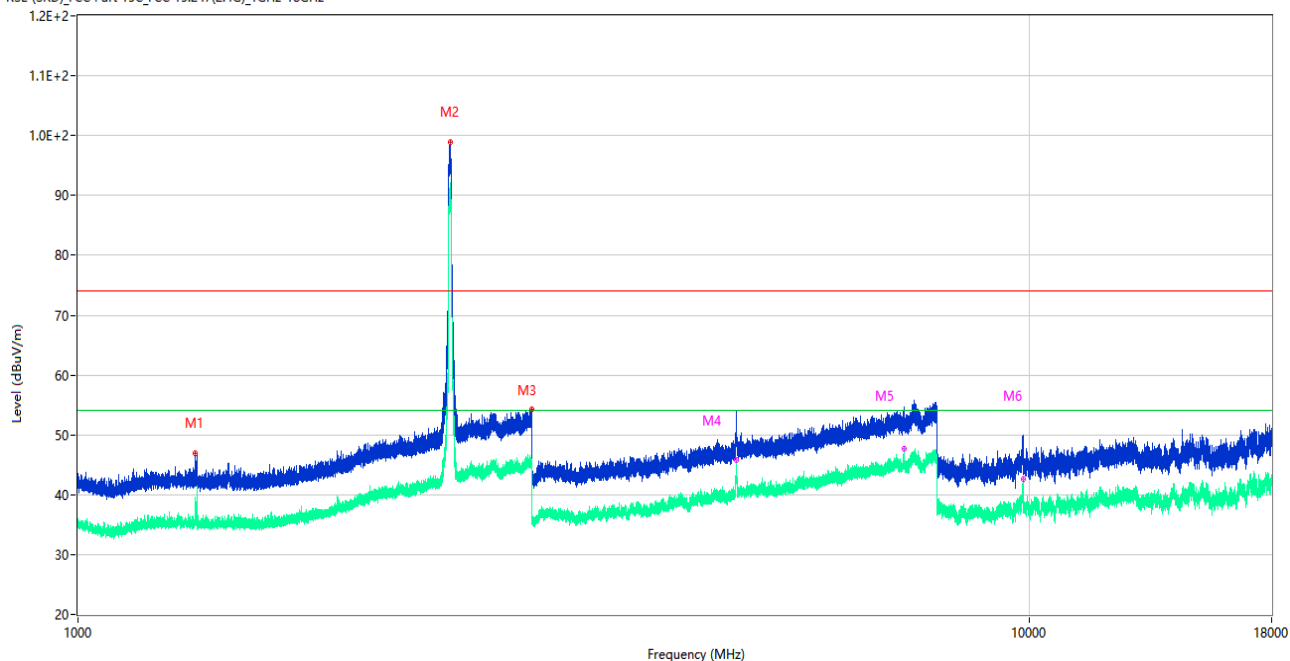
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	46.94	74.0	27.06	Peak	360.00	400	Horizontal	Pass
1**	1439.700	36.47	54.0	17.53	AV	360.00	400	Horizontal	Pass
2	2460.900	111.55	--	--	Peak	308.00	200	Horizontal	N/A
2**	2460.900	103.01	--	--	AV	308.00	200	Horizontal	N/A
3	2956.800	54.57	74.0	19.43	Peak	4.00	200	Horizontal	Pass
3**	2956.800	45.13	54.0	8.87	AV	4.00	200	Horizontal	Pass
4	4920.500	53.35	74.0	20.65	Peak	256.00	100	Horizontal	Pass
4**	4920.500	49.32	54.0	4.68	AV	256.00	100	Horizontal	Pass
5	9853.924	51.67	74.0	22.33	Peak	255.00	100	Horizontal	Pass
5**	9853.924	46.41	--	--	AV	255.00	100	Horizontal	Pass
6	17747.212	51.76	74.0	22.24	Peak	162.00	100	Horizontal	Pass
6**	17747.212	42.97	54.0	11.03	AV	162.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) 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	1327.700	46.98	74.0	27.02	Peak	147.00	300	Vertical	Pass
1**	1327.700	37.65	54.0	16.35	AV	147.00	300	Vertical	Pass
2	2462.100	98.96	--	--	Peak	72.00	300	Vertical	N/A
2**	2462.100	89.02	--	--	AV	72.00	300	Vertical	N/A
3	2999.700	54.36	74.0	19.64	Peak	114.00	200	Vertical	Pass
3**	2999.700	44.40	54.0	9.60	AV	114.00	200	Vertical	Pass
4	4923.750	48.88	74.0	25.12	Peak	326.00	100	Vertical	Pass
4**	4923.750	45.71	54.0	8.29	AV	326.00	100	Vertical	Pass
5	7388.250	53.03	74.0	20.97	Peak	279.00	100	Vertical	Pass
5**	7388.250	47.66	54.0	6.34	AV	279.00	100	Vertical	Pass
6	9856.538	48.14	74.0	25.86	Peak	175.00	300	Vertical	Pass
6**	9856.538	42.67	--	--	AV	175.00	300	Vertical	Pass

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

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

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

Note ³: According the ANSI C63.10-2020 + 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.

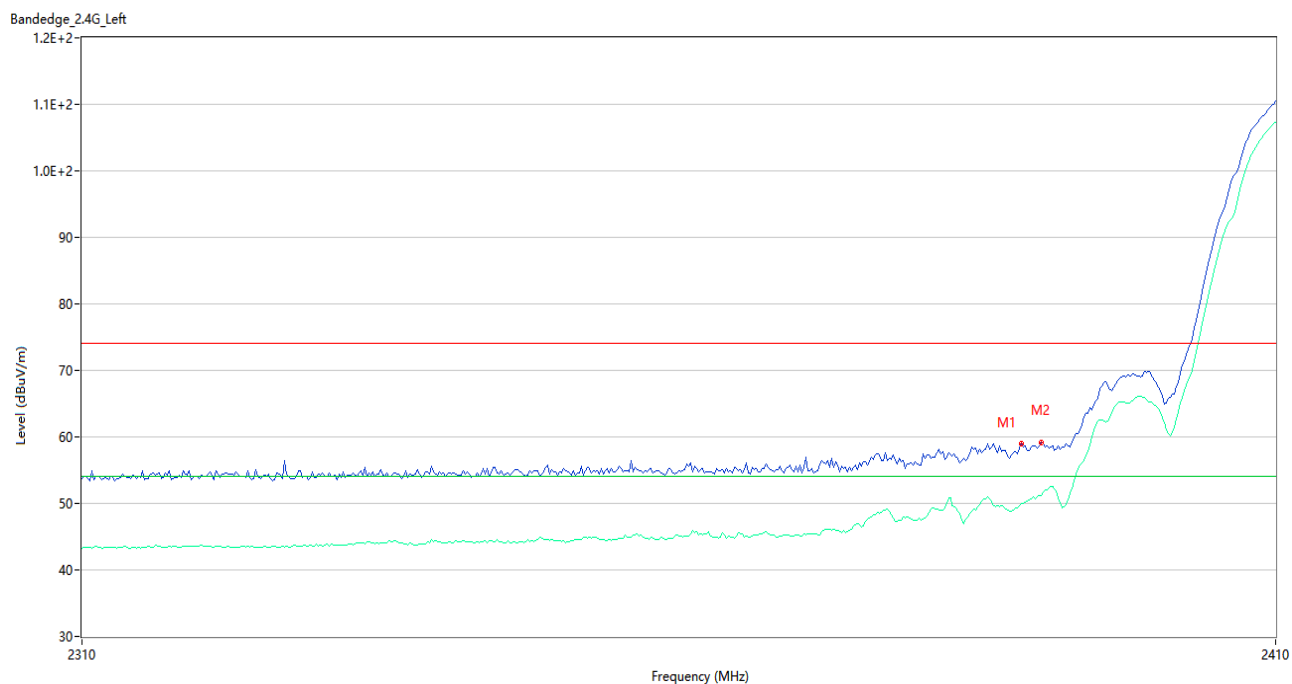
Note ⁴: All antenna were pre tested, but only the worst case has been reported in this report.

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

Test Data and Plots

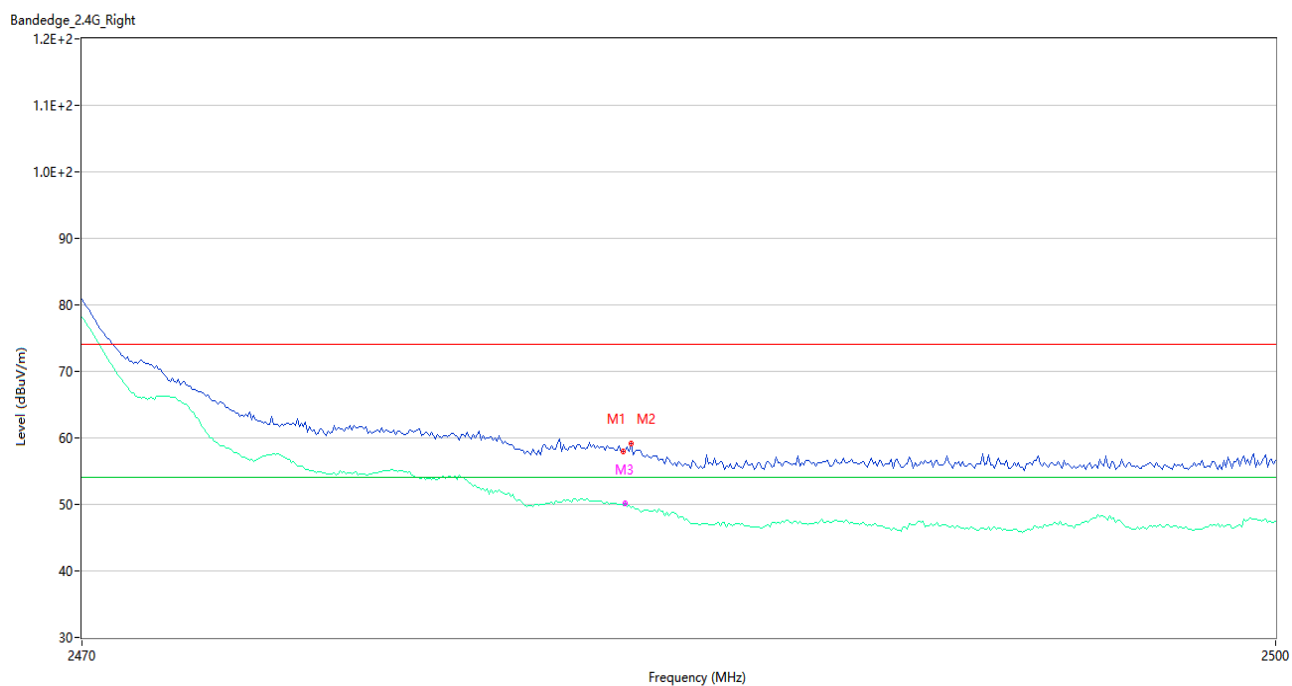
MIMO

802.11b LOW CHANNEL



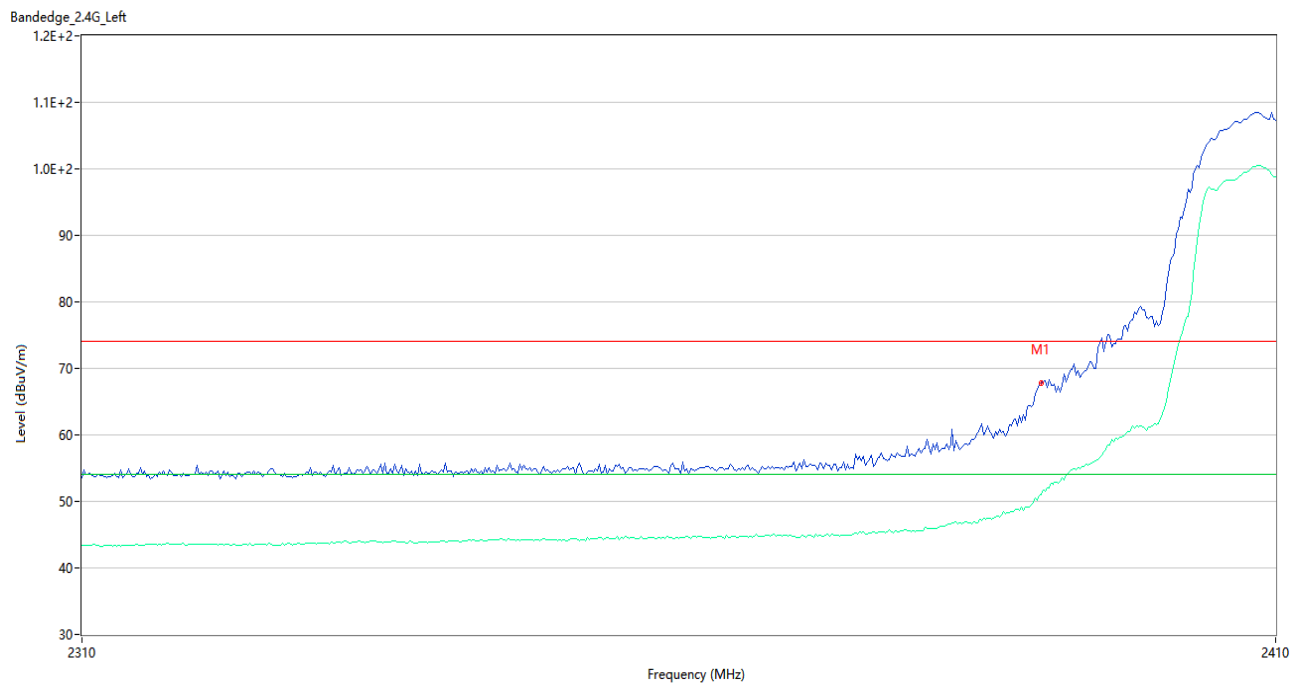
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.333	59.01	74.0	14.99	Peak	290.00	200	Horizontal	Pass
1**	2388.333	50.01	54.0	3.99	AV	290.00	200	Horizontal	Pass
2	2390.000	59.19	74.0	14.81	Peak	282.00	100	Horizontal	Pass
2**	2390.000	51.26	54.0	2.74	AV	282.00	100	Horizontal	Pass

802.11b HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.92	74.0	16.08	Peak	256.00	100	Horizontal	Pass
1**	2483.500	49.88	54.0	4.12	AV	256.00	100	Horizontal	Pass
2	2483.750	59.09	74.0	14.91	Peak	261.00	150	Horizontal	Pass
2**	2483.750	49.53	54.0	4.47	AV	261.00	150	Horizontal	Pass
3	2483.600	57.99	74.0	16.01	Peak	261.00	100	Horizontal	Pass
3**	2483.600	50.12	54.0	3.88	AV	261.00	100	Horizontal	Pass

802.11g LOW CHANNEL



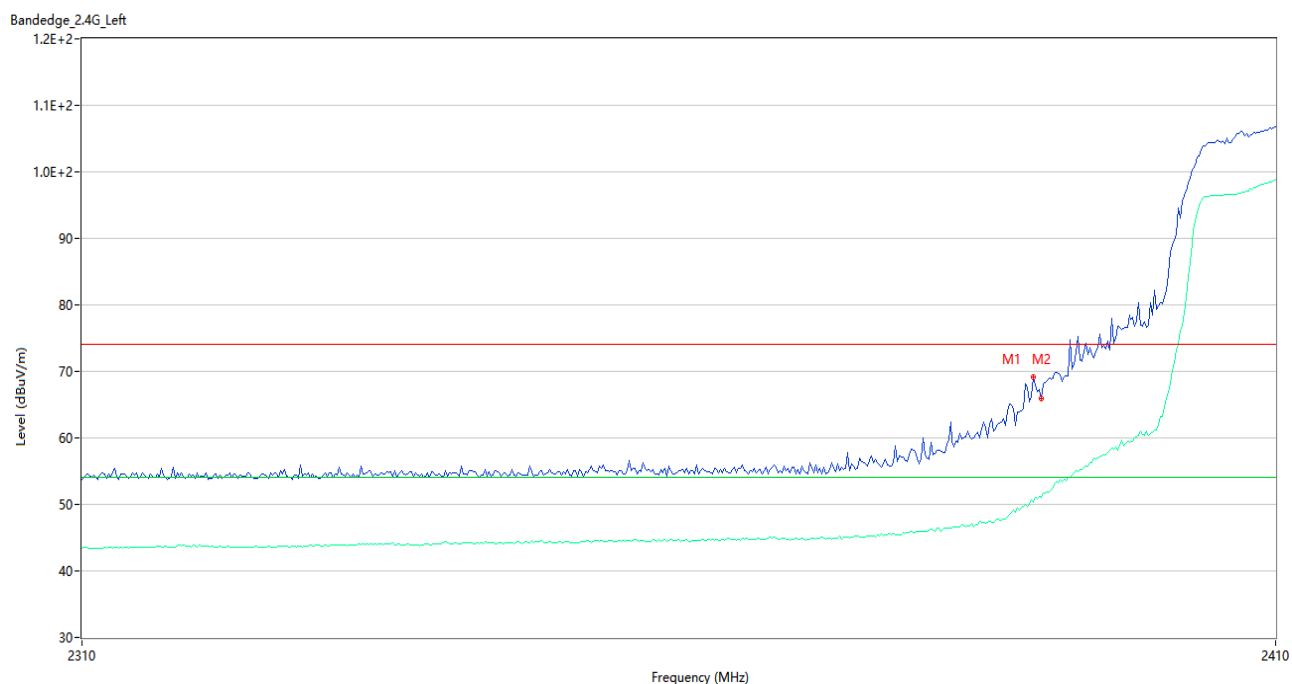
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	67.83	74.0	6.17	Peak	235.00	100	Horizontal	Pass
1**	2390.000	50.95	54.0	3.05	AV	235.00	100	Horizontal	Pass

802.11g HIGH CHANNEL



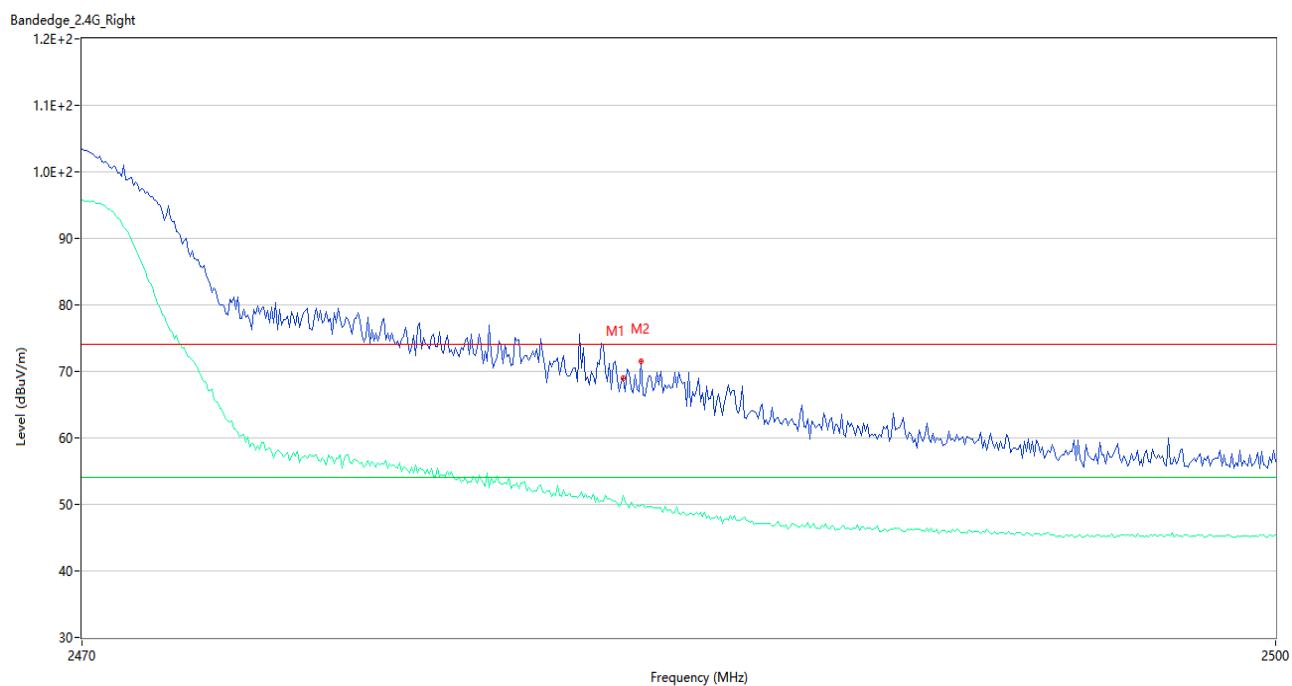
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.39	74.0	5.61	Peak	226.00	200	Horizontal	Pass
1**	2483.500	50.91	54.0	3.09	AV	226.00	200	Horizontal	Pass
2	2483.800	68.69	74.0	5.31	Peak	226.00	200	Horizontal	Pass
2**	2483.800	50.43	54.0	3.57	AV	226.00	200	Horizontal	Pass
3	2483.650	66.92	74.0	7.08	Peak	224.00	100	Horizontal	Pass
3**	2483.650	51.56	54.0	2.44	AV	224.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL



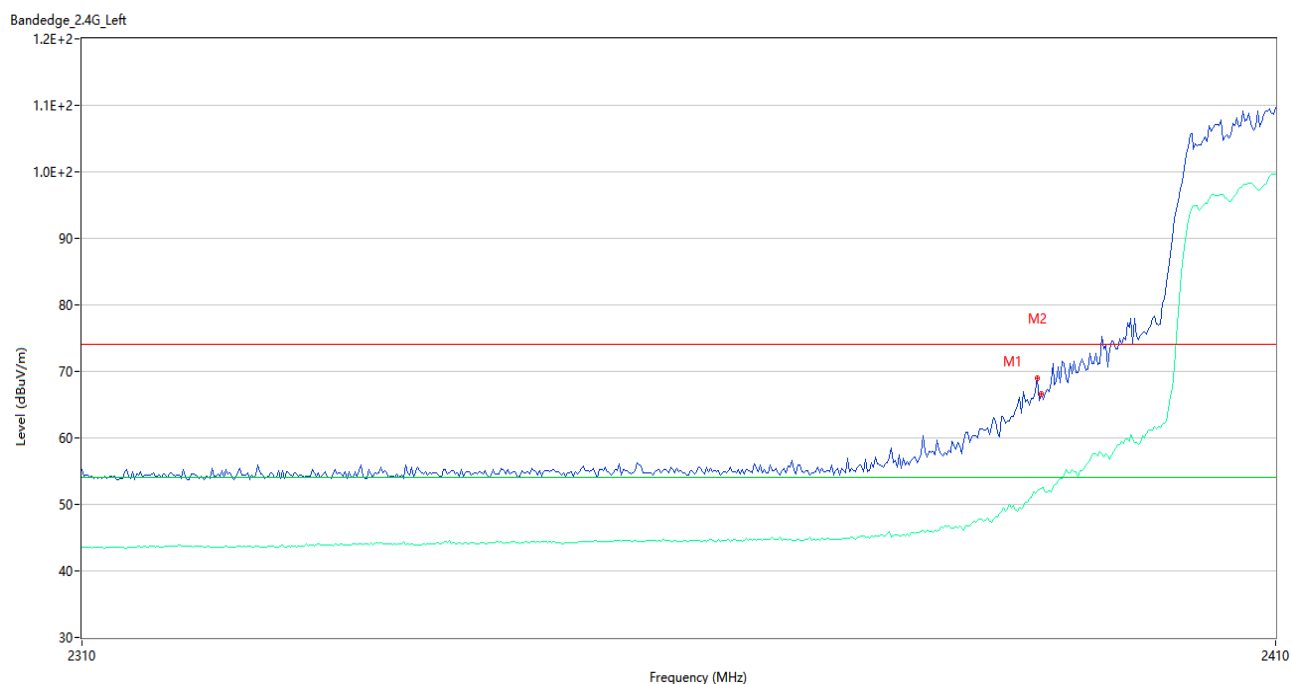
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.333	69.23	74.0	4.77	Peak	281.00	200	Horizontal	Pass
1**	2389.333	50.34	54.0	3.66	AV	281.00	200	Horizontal	Pass
2	2390.000	65.90	74.0	8.10	Peak	289.00	100	Horizontal	Pass
2**	2390.000	51.00	54.0	3.00	AV	289.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL



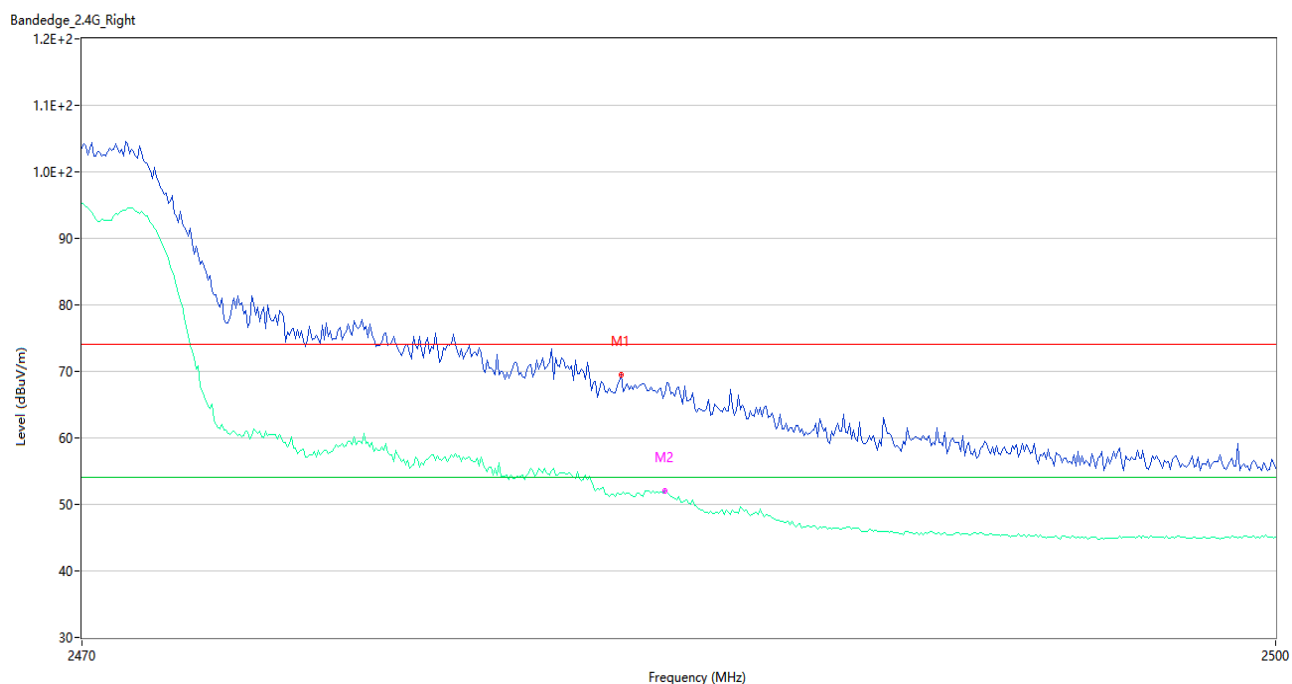
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.98	74.0	5.02	Peak	300.00	100	Horizontal	Pass
1**	2483.500	51.33	54.0	2.67	AV	300.00	100	Horizontal	Pass
2	2484.000	71.51	74.0	2.49	Peak	299.00	100	Horizontal	Pass
2**	2484.000	49.80	54.0	4.20	AV	299.00	100	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



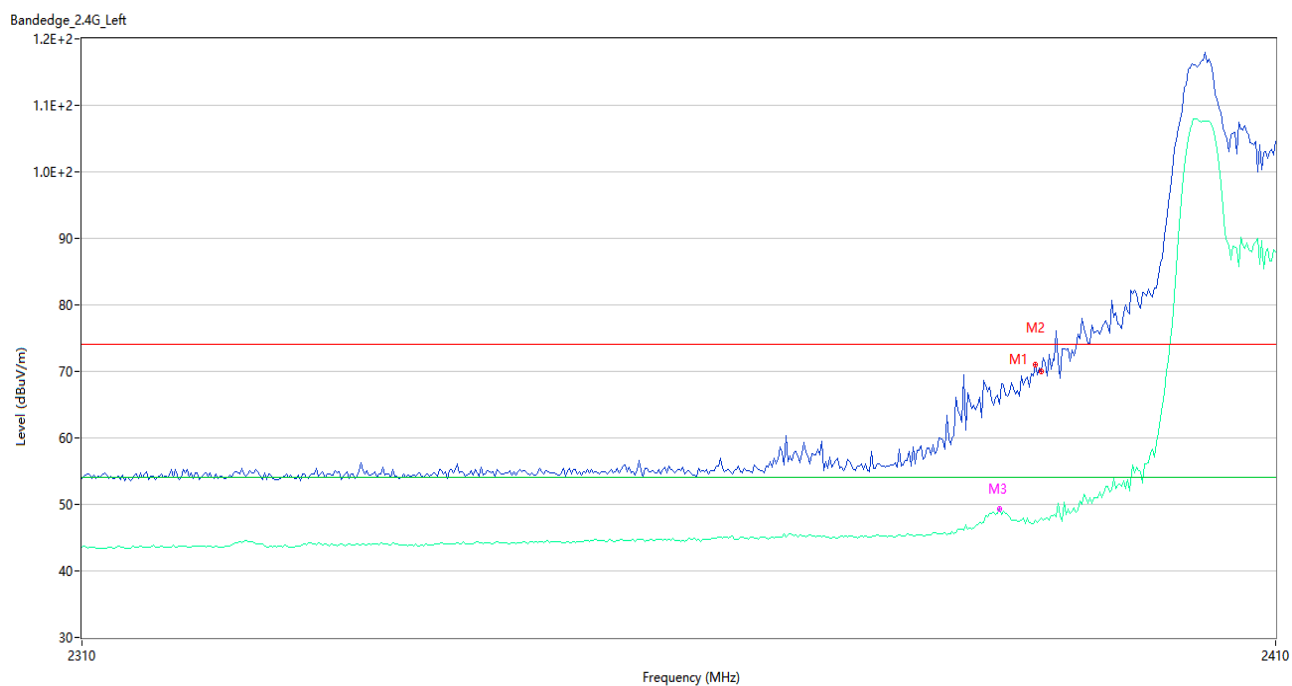
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	68.90	74.0	5.10	Peak	299.00	100	Horizontal	Pass
1**	2389.667	51.95	54.0	2.05	AV	299.00	100	Horizontal	Pass
2	2390.000	66.53	74.0	7.47	Peak	284.00	100	Horizontal	Pass
2**	2390.000	52.46	54.0	1.54	AV	284.00	100	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL



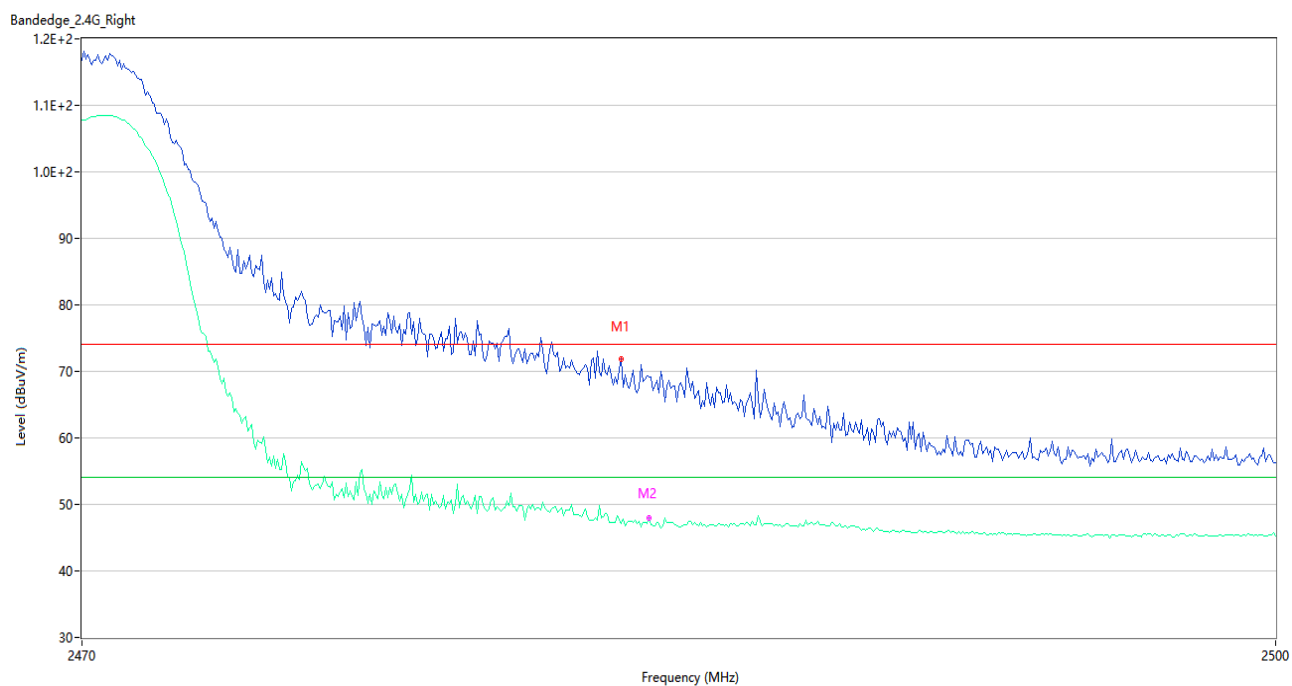
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	69.57	74.0	4.43	Peak	228.00	150	Horizontal	Pass
1**	2483.500	51.44	54.0	2.56	AV	228.00	150	Horizontal	Pass
2	2484.600	66.64	74.0	7.36	Peak	246.00	100	Horizontal	Pass
2**	2484.600	52.10	54.0	1.90	AV	246.00	100	Horizontal	Pass

802.11ax20(RU26) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	70.97	74.0	3.03	Peak	289.00	100	Horizontal	Pass
1**	2389.500	47.56	54.0	6.44	AV	289.00	100	Horizontal	Pass
2	2390.000	70.06	74.0	3.94	Peak	292.00	100	Horizontal	Pass
2**	2390.000	47.98	54.0	6.02	AV	292.00	100	Horizontal	Pass
3	2386.500	65.05	74.0	8.95	Peak	299.00	100	Horizontal	Pass
3**	2386.500	49.24	54.0	4.76	AV	299.00	100	Horizontal	Pass

802.11ax20(RU26) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	71.86	74.0	2.14	Peak	303.00	100	Horizontal	Pass
1**	2483.500	47.10	54.0	6.90	AV	303.00	100	Horizontal	Pass
2	2484.200	69.20	74.0	4.80	Peak	303.00	100	Horizontal	Pass
2**	2484.200	47.93	54.0	6.07	AV	303.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

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

Test Data

ANT-0

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-9.84	8	Pass
Middle	-11.08	8	Pass
High	-11.81	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-13.11	8	Pass
Middle	-14.08	8	Pass
High	-13.35	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-13.92	8	Pass
Middle	-14.43	8	Pass
High	-14.33	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-13.66	8	Pass
Middle	-13.39	8	Pass
High	-13.41	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.041	8	Pass
Middle	-8.005	8	Pass
High	-5.937	8	Pass

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-9.965	8	Pass
Middle	-9.142	8	Pass
High	-9.618	8	Pass

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-13.464	8	Pass
Middle	-13.491	8	Pass
High	-13.439	8	Pass

ANT-1**802.11b Mode:**

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.375	8	Pass
Middle	-11.959	8	Pass
High	-11.707	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-13.784	8	Pass
Middle	-14.043	8	Pass
High	-13.791	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-14.772	8	Pass
Middle	-14.543	8	Pass
High	-13.669	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-14.422	8	Pass
Middle	-15.963	8	Pass
High	-15.125	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.899	8	Pass
Middle	-7.629	8	Pass
High	-6.771	8	Pass

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.583	8	Pass
Middle	-10.39	8	Pass
High	-8.772	8	Pass

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-12.585	8	Pass
Middle	-12.19	8	Pass
High	-12.597	8	Pass

MIMO

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.09	8	Pass
Middle	-8.49	8	Pass
High	-8.75	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.42	8	Pass
Middle	-11.05	8	Pass
High	-10.56	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-11.31	8	Pass
Middle	-11.47	8	Pass
High	-10.98	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-11.01	8	Pass
Middle	-11.48	8	Pass
High	-11.17	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-4.44	8	Pass
Middle	-4.80	8	Pass
High	-3.32	8	Pass

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.25	8	Pass
Middle	-6.71	8	Pass
High	-6.16	8	Pass

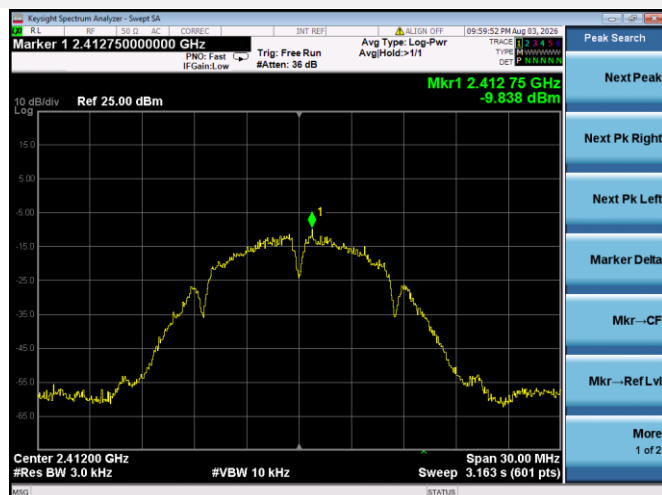
802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-9.99	8	Pass
Middle	-9.78	8	Pass
High	-9.99	8	Pass

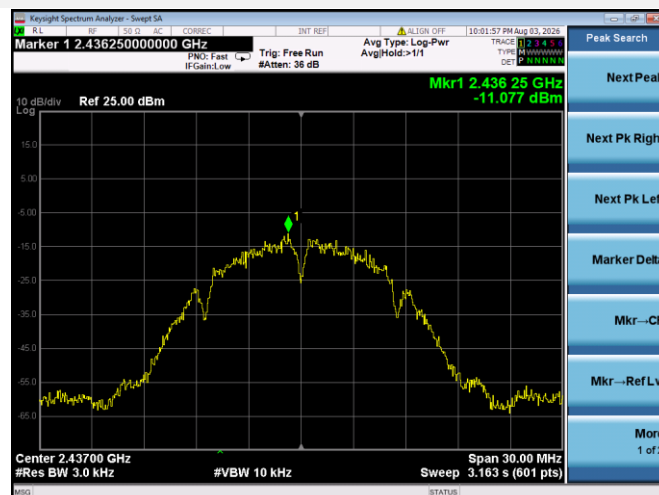
Test Plots

ANT-0

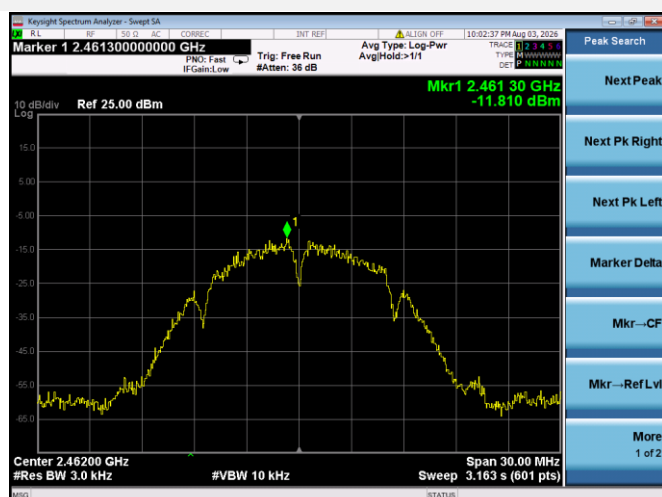
802.11b LOW CHANNEL



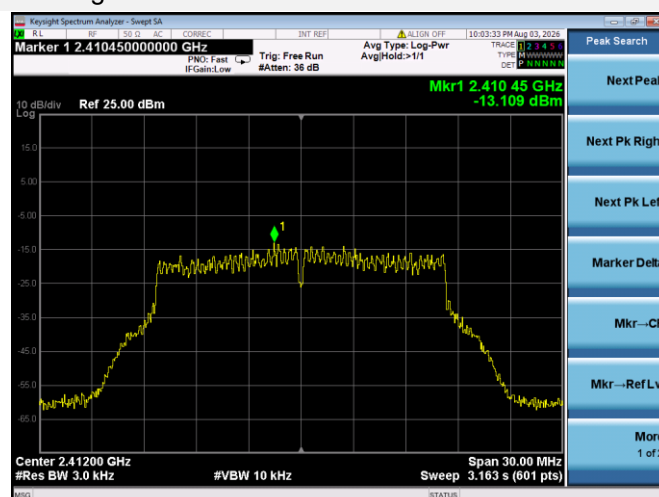
802.11b MIDDLE CHANNEL



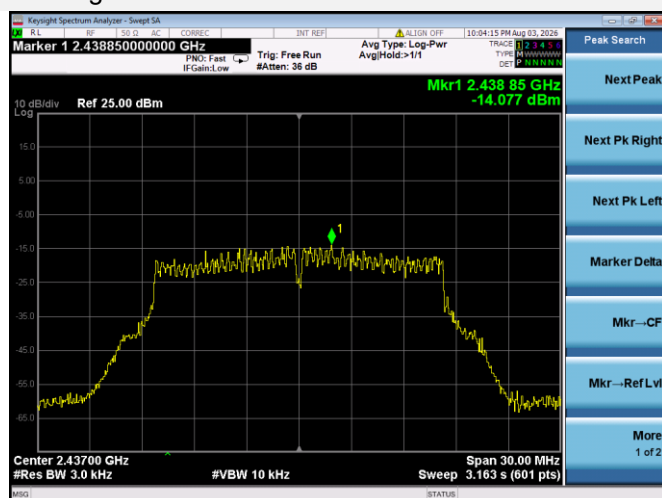
802.11b HIGH CHANNEL



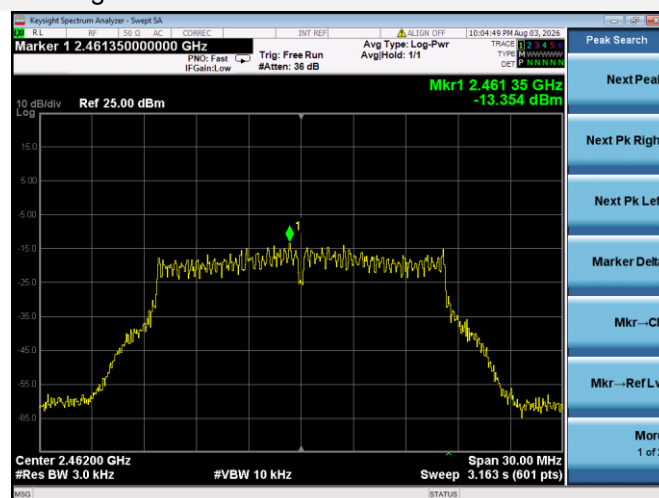
802.11g LOW CHANNEL



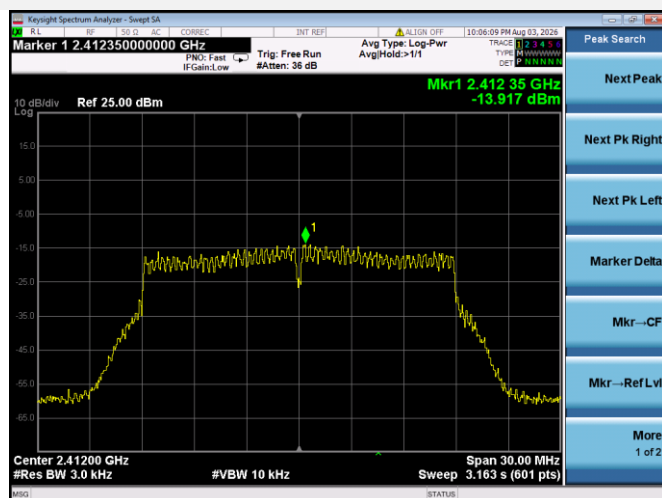
802.11g MIDDLE CHANNEL



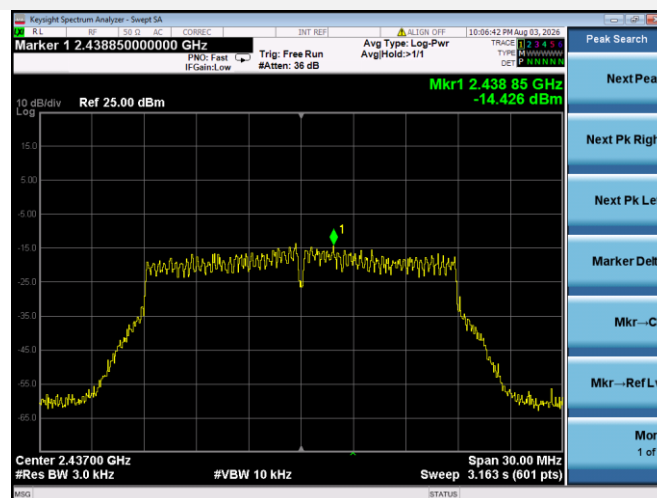
802.11g HIGH CHANNEL



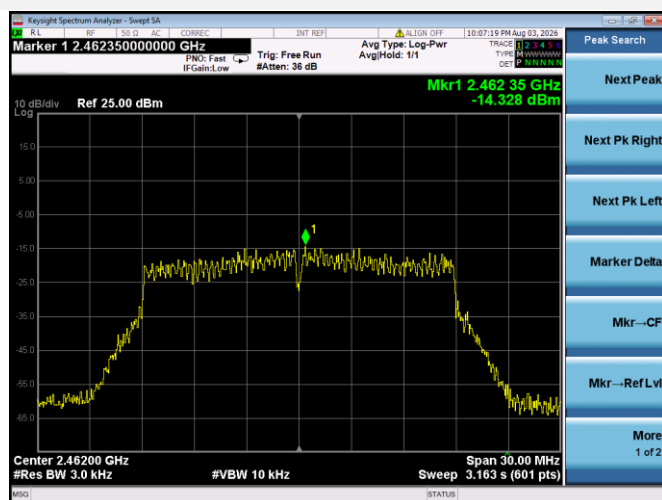
802.11n-20 MHz LOW CHANNEL



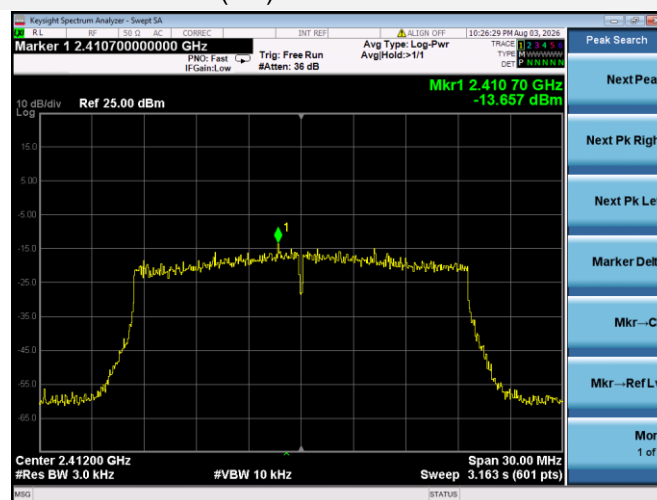
802.11n-20 MHz MIDDLE CHANNEL



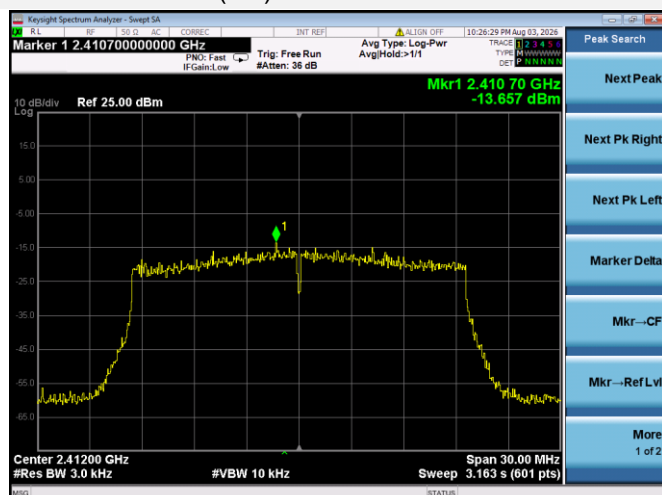
802.11n-20 MHz HIGH CHANNEL



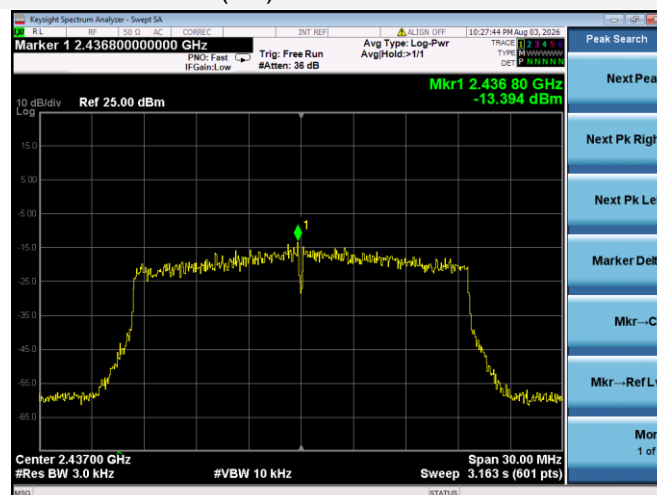
802.11ax-20 MHz(SU) LOW CHANNEL



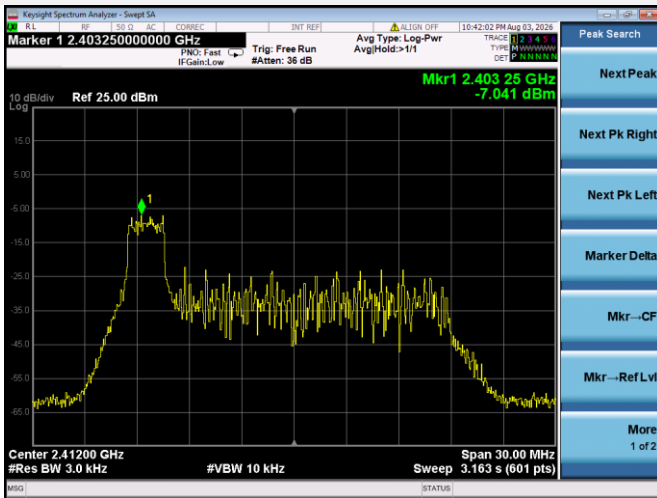
802.11ax-20 MHz(SU) MIDDLE CHANNEL



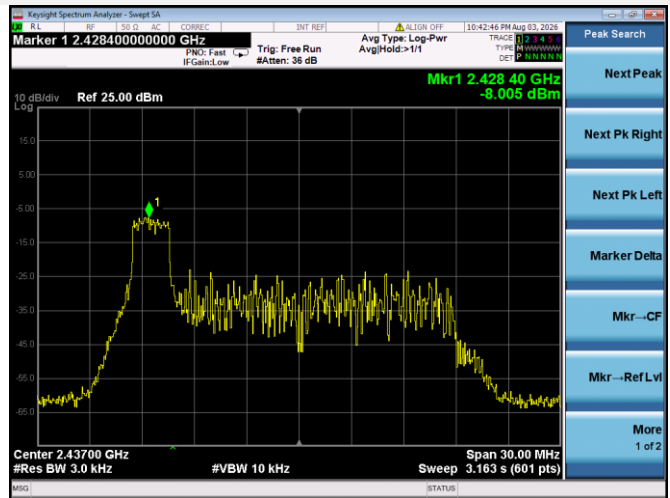
802.11ax-20 MHz(SU) HIGH CHANNEL



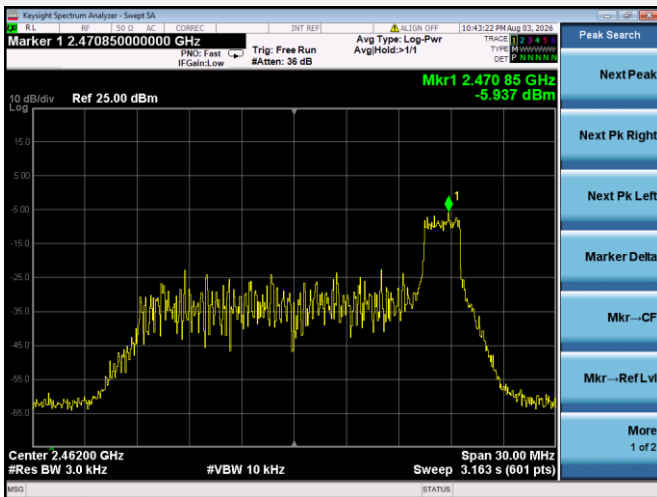
802.11ax-20 MHz(RU26) LOW CHANNEL



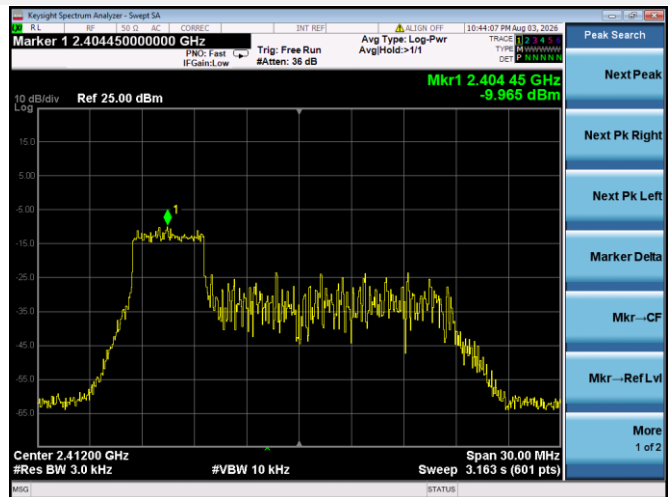
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



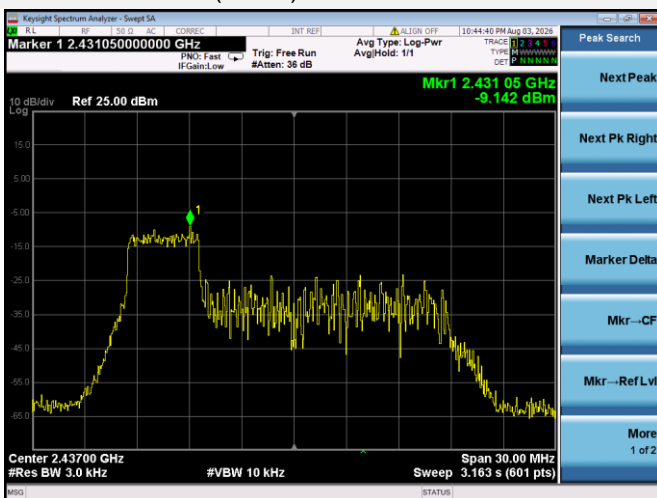
802.11ax-20 MHz(RU26) HIGH CHANNEL



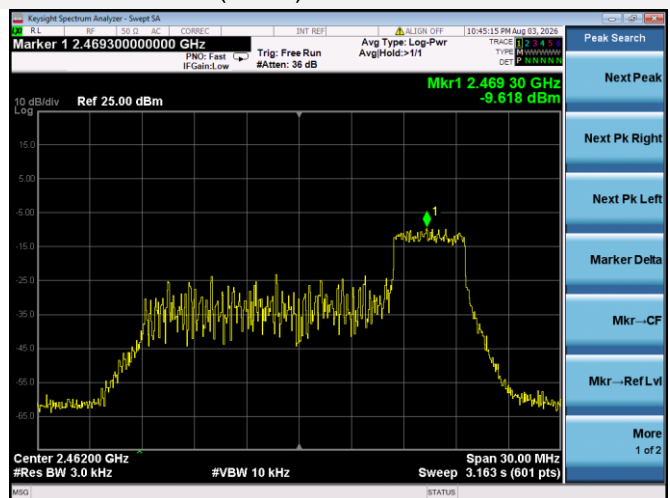
802.11ax-20 MHz(RU52) LOW CHANNEL



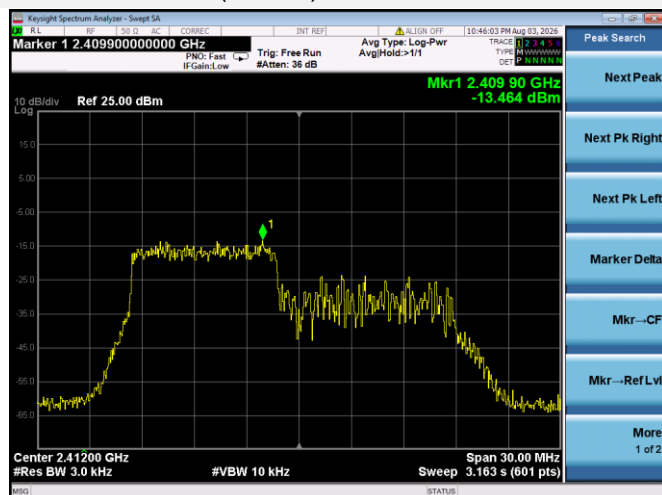
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



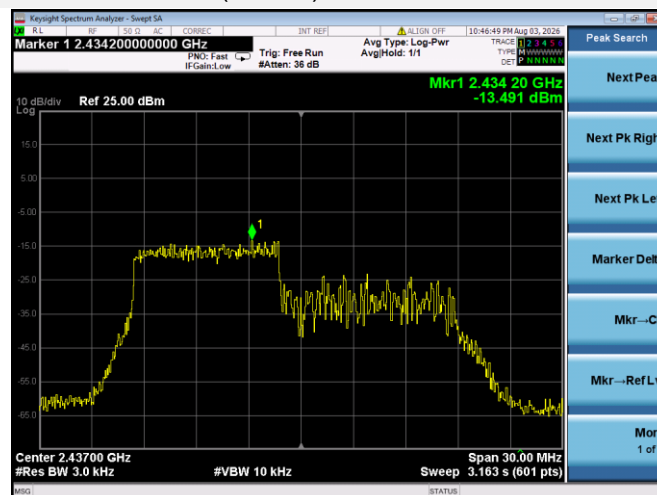
802.11ax-20 MHz(RU52) HIGH CHANNEL



802.11ax-20 MHz(RU106) LOW CHANNEL



802.11ax-20 MHz(RU106) MIDDLE CHANNEL



802.11ax-20 MHz(RU106) HIGH CHANNEL

