

A.7 Conducted Emissions

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

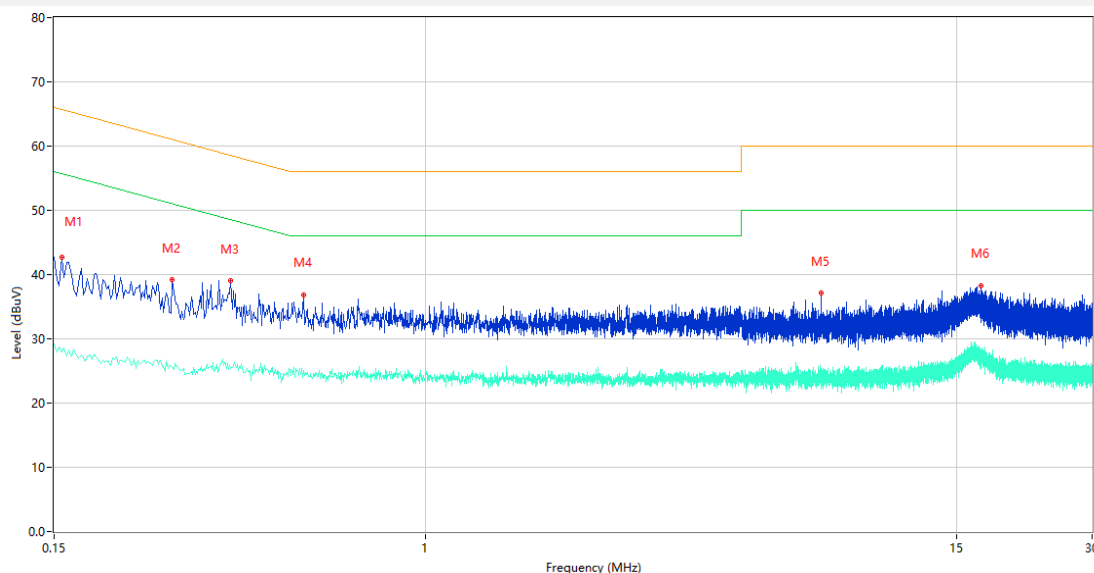
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

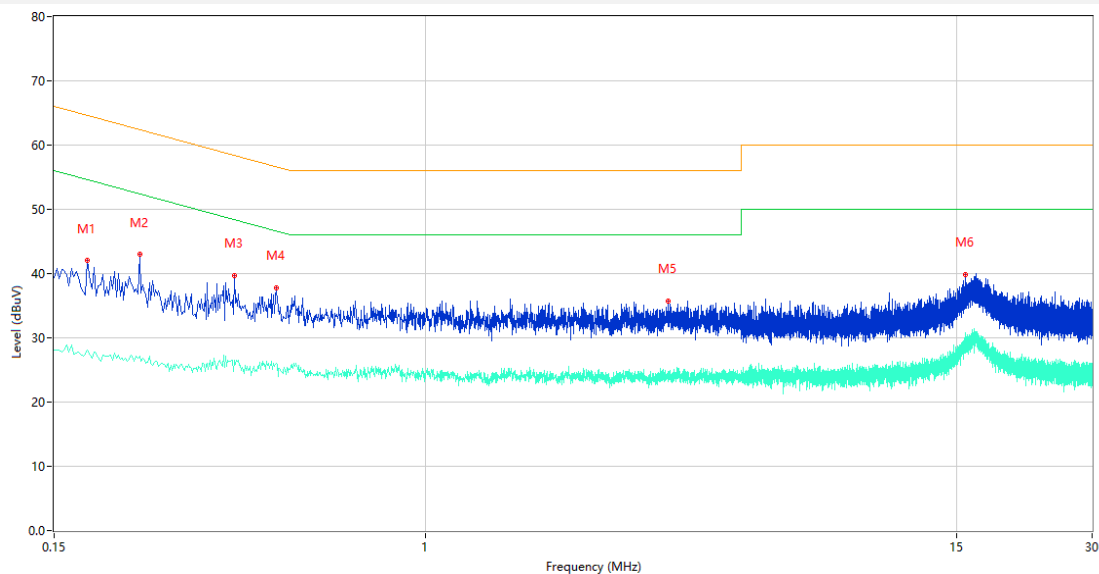
Left Ear

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	42.71	9.78	65.67	22.96	Peak	L	Pass
1**	0.156	27.98	9.78	55.67	27.69	AV	L	Pass
2	0.274	39.20	9.76	61.00	21.80	Peak	L	Pass
2**	0.274	25.63	9.76	51.00	25.37	AV	L	Pass
3	0.370	39.04	10.68	58.50	19.46	Peak	L	Pass
3**	0.370	25.41	10.68	48.50	23.09	AV	L	Pass
4	0.536	36.83	10.01	56.00	19.17	Peak	L	Pass
4**	0.536	25.01	10.01	46.00	20.99	AV	L	Pass
5	7.520	37.07	10.34	60.00	22.93	Peak	L	Pass
5**	7.520	25.34	10.34	50.00	24.66	AV	L	Pass
6	16.994	38.29	10.65	60.00	21.71	Peak	L	Pass
6**	16.994	28.08	10.65	50.00	21.92	AV	L	Pass

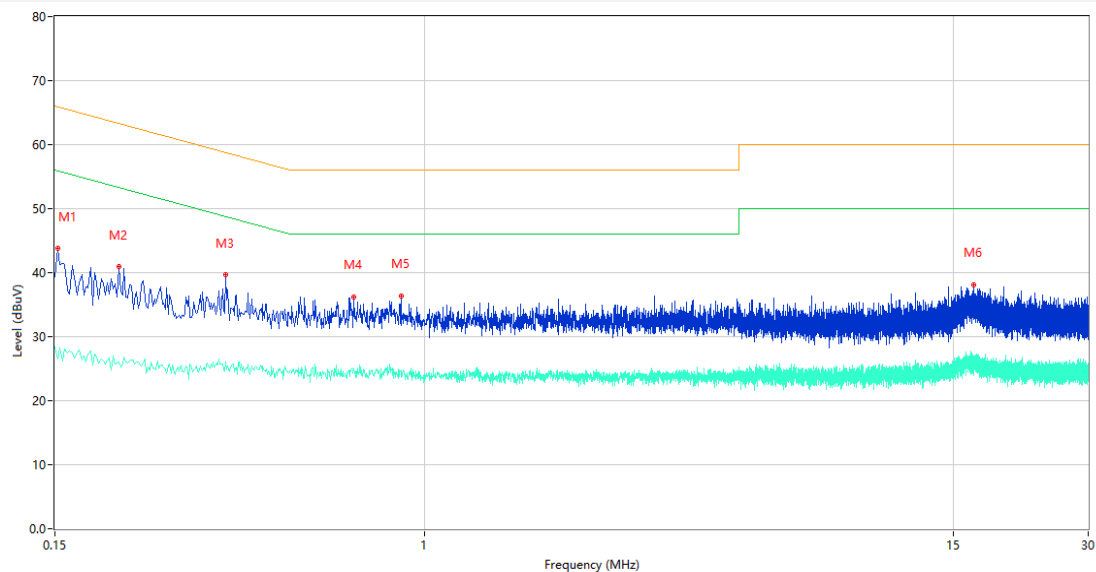
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	42.06	9.78	64.58	22.52	Peak	N	Pass
1**	0.178	28.04	9.78	54.58	26.54	AV	N	Pass
2	0.232	42.94	9.77	62.38	19.44	Peak	N	Pass
2**	0.232	27.16	9.77	52.38	25.22	AV	N	Pass
3	0.376	39.71	10.65	58.37	18.66	Peak	N	Pass
3**	0.376	26.50	10.65	48.37	21.87	AV	N	Pass
4	0.466	37.79	10.01	56.58	18.79	Peak	N	Pass
4**	0.466	25.96	10.01	46.58	20.62	AV	N	Pass
5	3.446	35.78	10.31	56.00	20.22	Peak	N	Pass
5**	3.446	24.70	10.31	46.00	21.30	AV	N	Pass
6	15.694	39.90	10.61	60.00	20.10	Peak	N	Pass
6**	15.694	29.04	10.61	50.00	20.96	AV	N	Pass

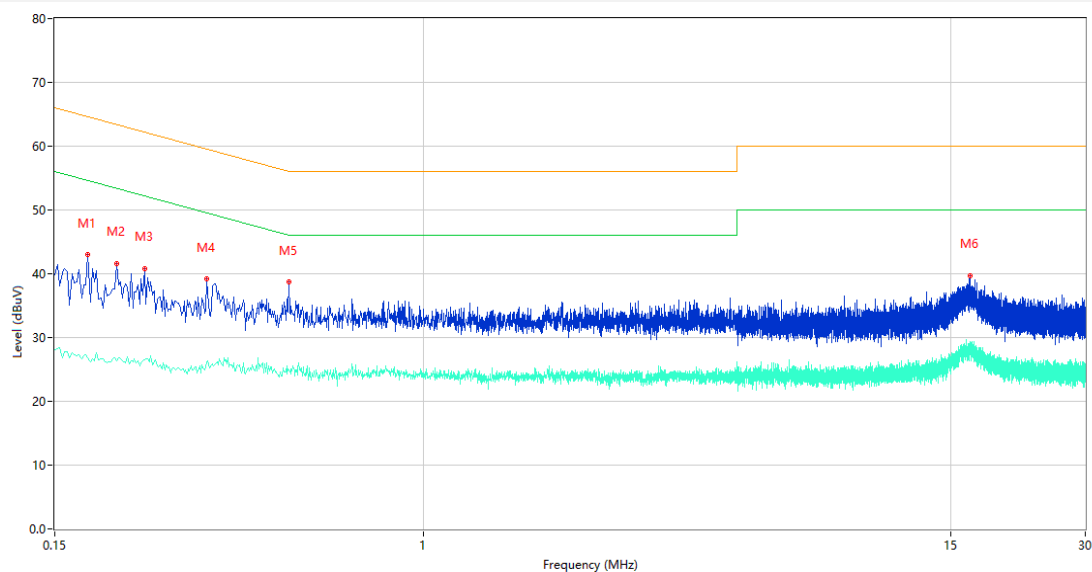
Right Ear

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	43.87	9.78	65.89	22.02	Peak	L	Pass
1**	0.152	26.48	9.78	55.89	29.41	AV	L	Pass
2	0.208	40.95	9.77	63.28	22.33	Peak	L	Pass
2**	0.208	26.00	9.77	53.28	27.28	AV	L	Pass
3	0.360	39.61	10.72	58.73	19.12	Peak	L	Pass
3**	0.360	26.07	10.72	48.73	22.66	AV	L	Pass
4	0.696	36.24	10.63	56.00	19.76	Peak	L	Pass
4**	0.696	25.09	10.63	46.00	20.91	AV	L	Pass
5	0.884	36.37	10.31	56.00	19.63	Peak	L	Pass
5**	0.884	24.71	10.31	46.00	21.29	AV	L	Pass
6	16.708	38.11	10.71	60.00	21.89	Peak	L	Pass
6**	16.708	26.19	10.71	50.00	23.81	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	42.99	9.78	64.58	21.59	Peak	N	Pass
1**	0.178	26.86	9.78	54.58	27.72	AV	N	Pass
2	0.206	41.59	9.77	63.37	21.78	Peak	N	Pass
2**	0.206	26.28	9.77	53.37	27.09	AV	N	Pass
3	0.238	40.83	9.77	62.17	21.34	Peak	N	Pass
3**	0.238	26.53	9.77	52.17	25.64	AV	N	Pass
4	0.328	39.18	10.32	59.50	20.32	Peak	N	Pass
4**	0.328	26.13	10.32	49.50	23.37	AV	N	Pass
5	0.500	38.72	9.98	56.00	17.28	Peak	N	Pass
5**	0.500	24.99	9.98	46.00	21.01	AV	N	Pass
6	16.622	39.71	11.02	60.00	20.29	Peak	N	Pass
6**	16.622	29.39	11.02	50.00	20.61	AV	N	Pass

A.8 Radiated Spurious 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 EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

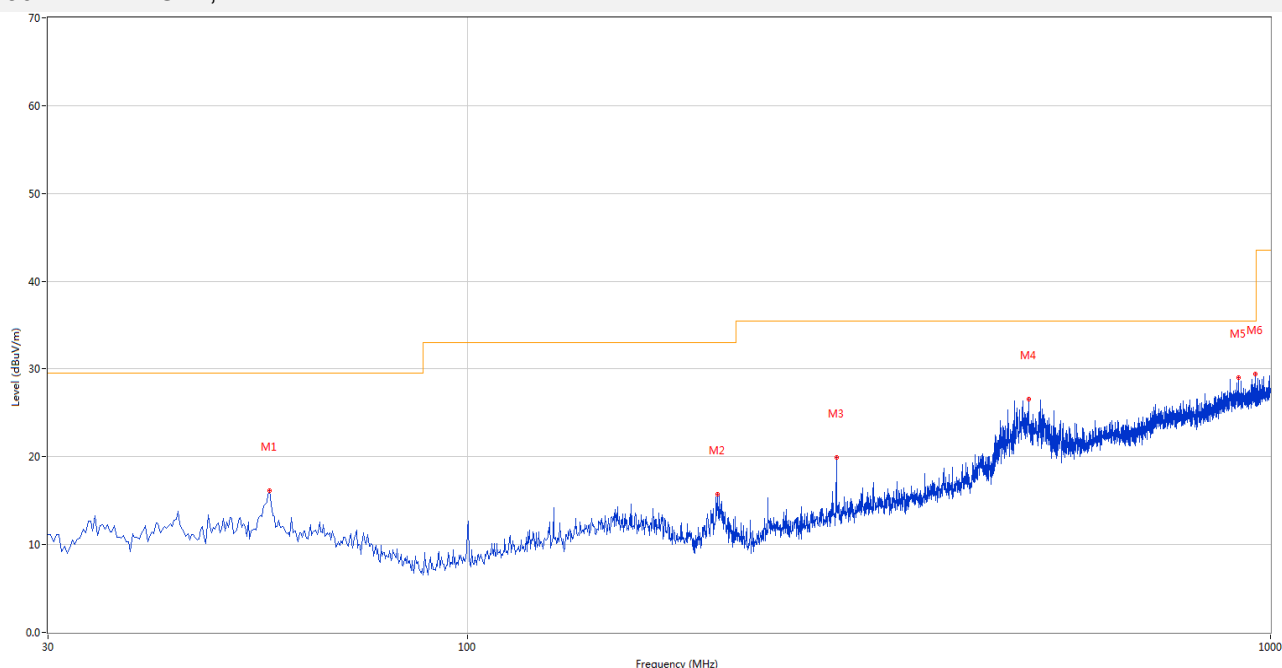
Note ⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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.

Test Data and Plots

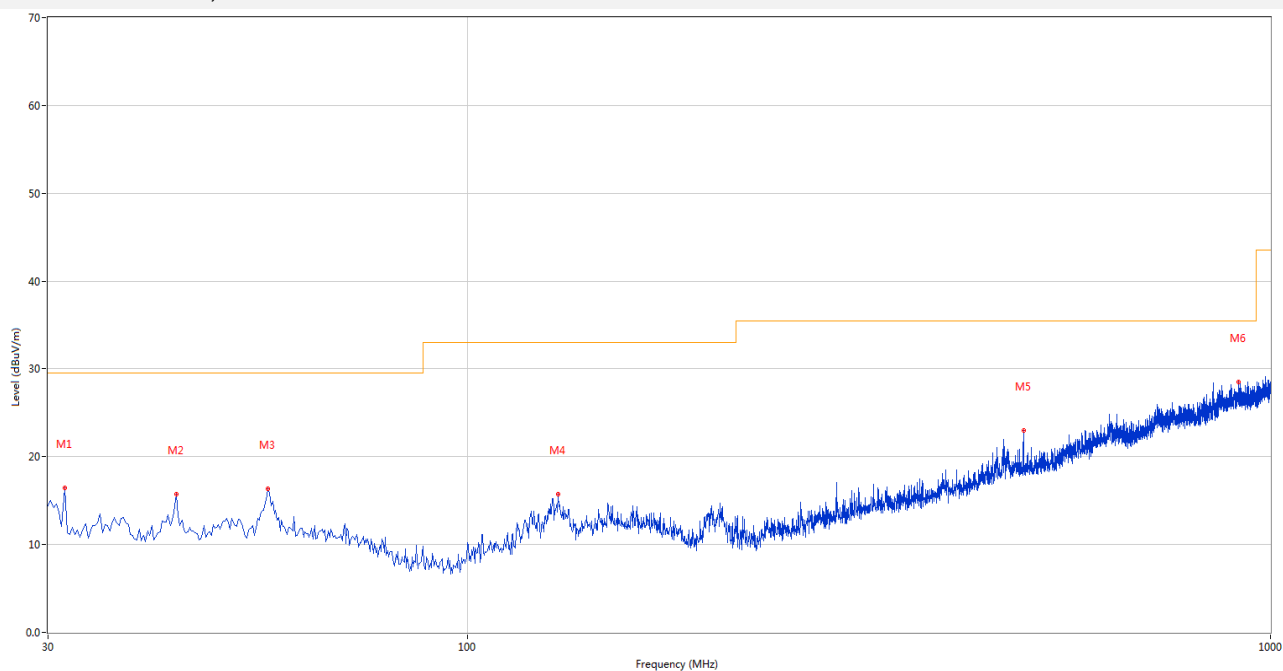
Left Ear

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	56.668	16.18	-26.22	29.5	13.32	Peak	167.00	200	Horizontal	Pass
2	204.556	15.76	-28.98	33.0	17.24	Peak	232.00	200	Horizontal	Pass
3	287.956	19.91	-25.01	35.5	15.59	Peak	253.00	200	Horizontal	Pass
4	499.848	26.60	-19.32	35.5	8.90	Peak	264.00	200	Horizontal	Pass
5	912.237	28.99	-10.42	35.5	6.51	Peak	270.00	100	Horizontal	Pass
6	958.300	29.40	-10.75	35.5	6.10	Peak	360.00	200	Horizontal	Pass

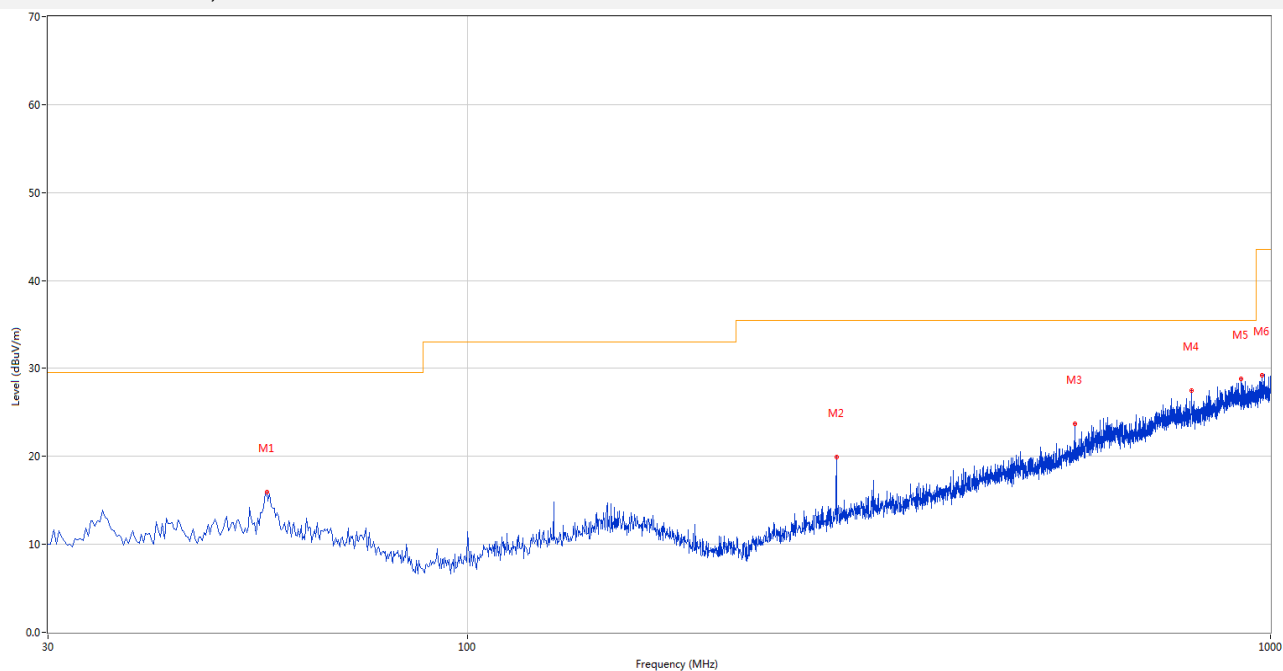
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.455	16.42	-27.79	29.5	13.08	Peak	360.00	200	Vertical	Pass
2	43.334	15.70	-26.13	29.5	13.80	Peak	360.00	200	Vertical	Pass
3	56.426	16.33	-26.21	29.5	13.17	Peak	204.00	200	Vertical	Pass
4	129.643	15.78	-27.23	33.0	17.22	Peak	226.00	100	Vertical	Pass
5	492.332	23.02	-19.74	35.5	12.48	Peak	155.00	100	Vertical	Pass
6	911.995	28.51	-10.39	35.5	6.99	Peak	69.00	100	Vertical	Pass

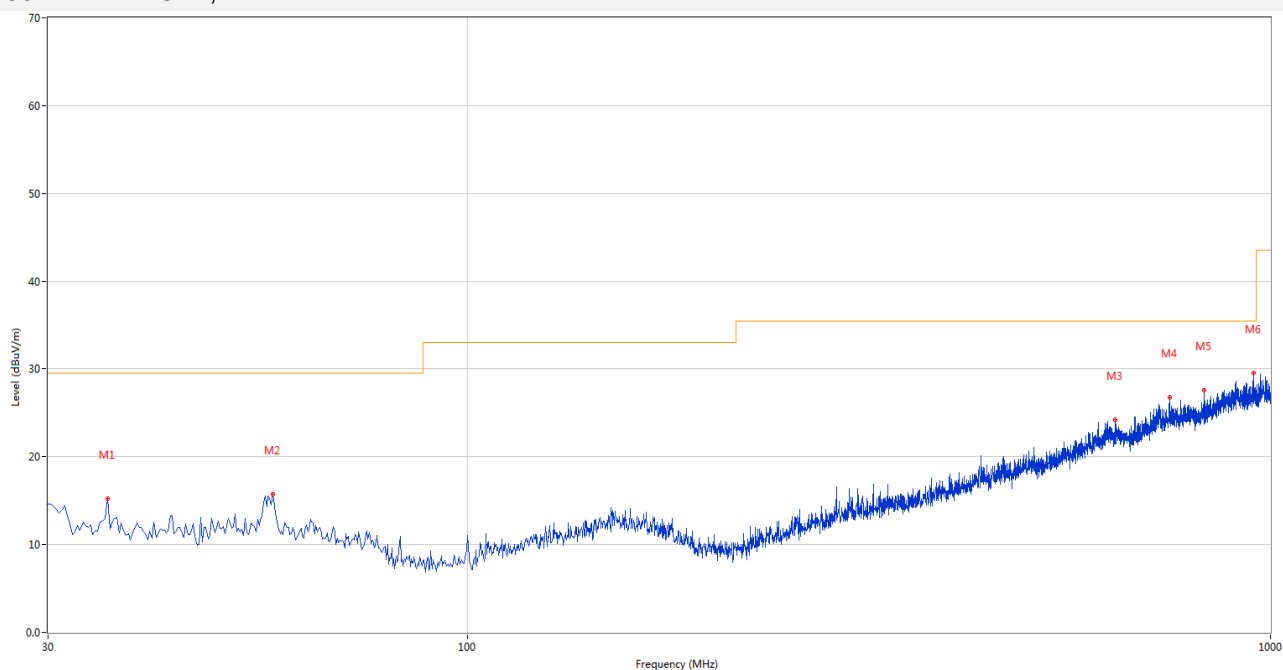
Right Ear

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	56.183	15.91	-26.19	29.5	13.59	Peak	285.00	100	Horizontal	Pass
2	287.956	19.91	-25.01	35.5	15.59	Peak	335.00	200	Horizontal	Pass
3	570.155	23.67	-17.82	35.5	11.83	Peak	96.00	100	Horizontal	Pass
4	797.806	27.51	-12.90	35.5	7.99	Peak	134.00	100	Horizontal	Pass
5	919.753	28.86	-10.53	35.5	6.64	Peak	296.00	100	Horizontal	Pass
6	975.756	29.23	-9.83	43.5	14.27	Peak	167.00	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	35.576	15.20	-26.70	29.5	14.30	Peak	215.00	100	Vertical	Pass
2	57.153	15.73	-26.26	29.5	13.77	Peak	356.00	200	Vertical	Pass
3	640.947	24.25	-15.89	35.5	11.25	Peak	360.00	200	Vertical	Pass
4	748.348	26.82	-13.13	35.5	8.68	Peak	325.00	100	Vertical	Pass
5	827.383	27.61	-12.76	35.5	7.89	Peak	2.00	100	Vertical	Pass
6	952.482	29.49	-10.47	35.5	6.01	Peak	58.00	100	Vertical	Pass

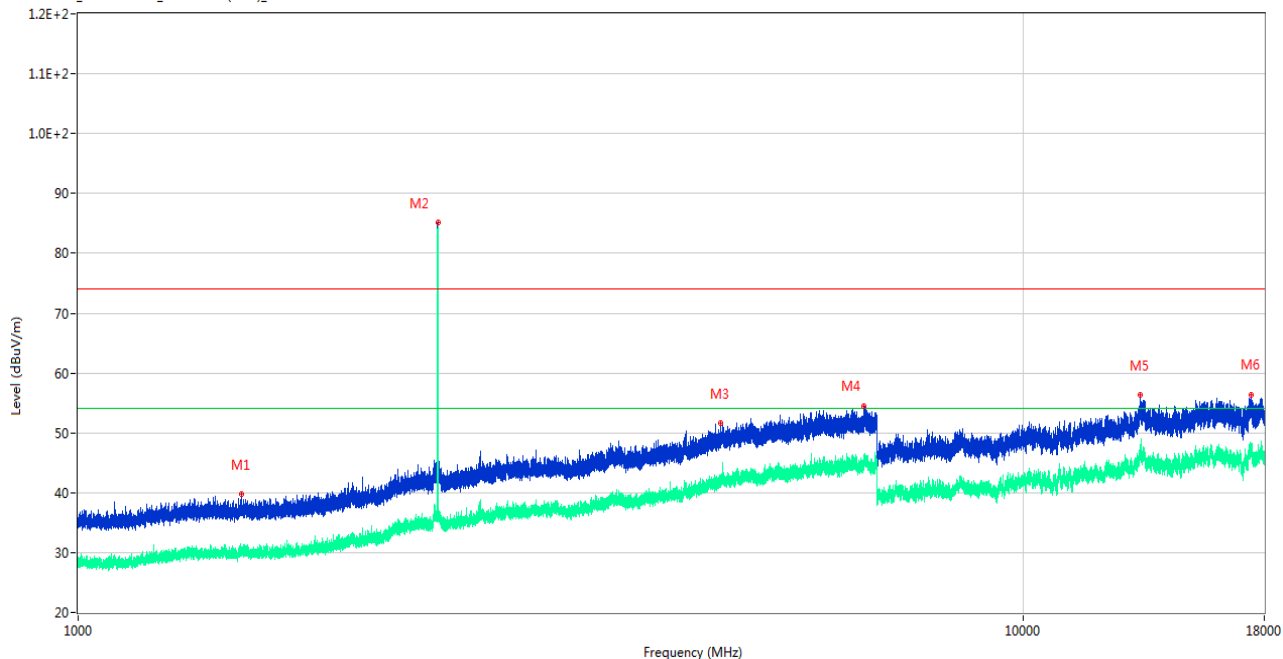
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious from 18GHz-25GHz is noise only, do not show on the report.

Left Ear

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

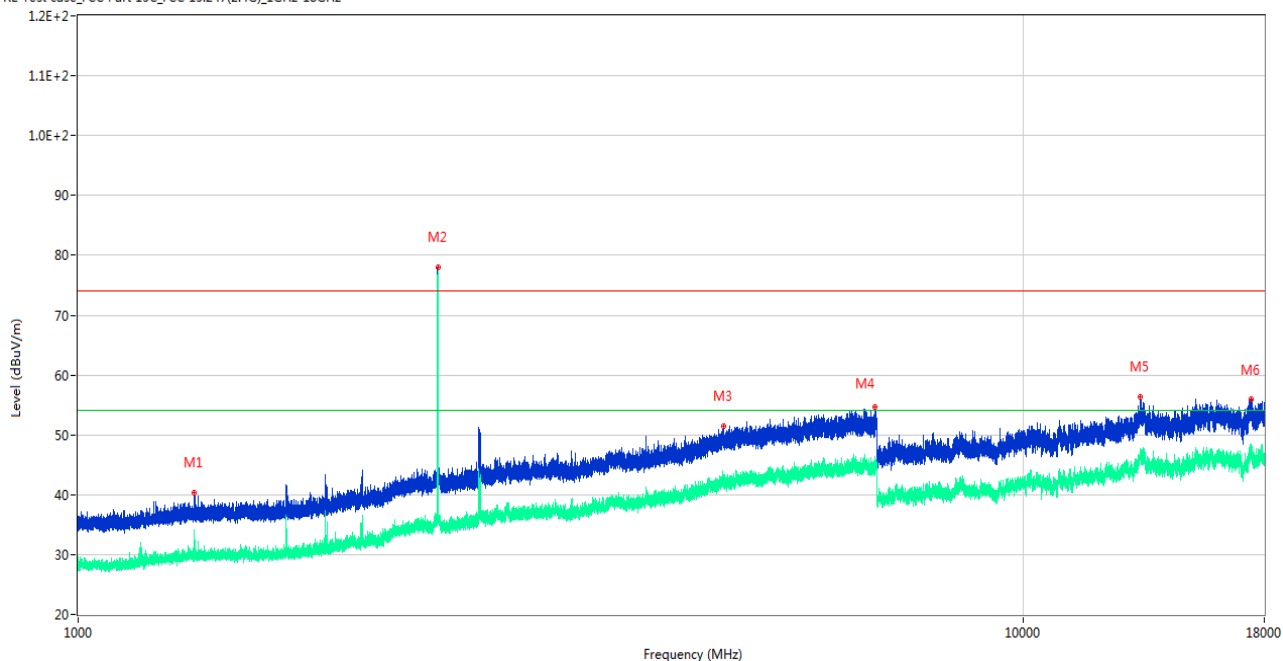
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.800	39.71	-16.72	74.0	34.29	Peak	270.00	100	Horizontal	Pass
1**	1489.800	30.50	-16.72	54.0	23.50	AV	270.00	100	Horizontal	Pass
2	2402.100	85.22	-9.74	74.0	-11.22	Peak	47.00	150	Horizontal	N/A
2**	2402.100	85.00	-9.74	54.0	-31.00	AV	47.00	150	Horizontal	N/A
3	4788.600	51.61	-3.14	74.0	22.39	Peak	178.00	200	Horizontal	Pass
3**	4788.600	42.01	-3.14	54.0	11.99	AV	178.00	200	Horizontal	Pass
4	6791.200	54.49	0.84	74.0	19.51	Peak	296.00	100	Horizontal	Pass
4**	6791.200	45.27	0.84	54.0	8.73	AV	296.00	100	Horizontal	Pass
5	13317.000	56.31	0.89	74.0	17.69	Peak	118.00	150	Horizontal	Pass
5**	13317.000	47.06	0.89	54.0	6.94	AV	118.00	150	Horizontal	Pass
6	17437.725	56.38	3.13	74.0	17.62	Peak	98.00	400	Horizontal	Pass
6**	17437.725	47.13	3.13	54.0	6.87	AV	98.00	400	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

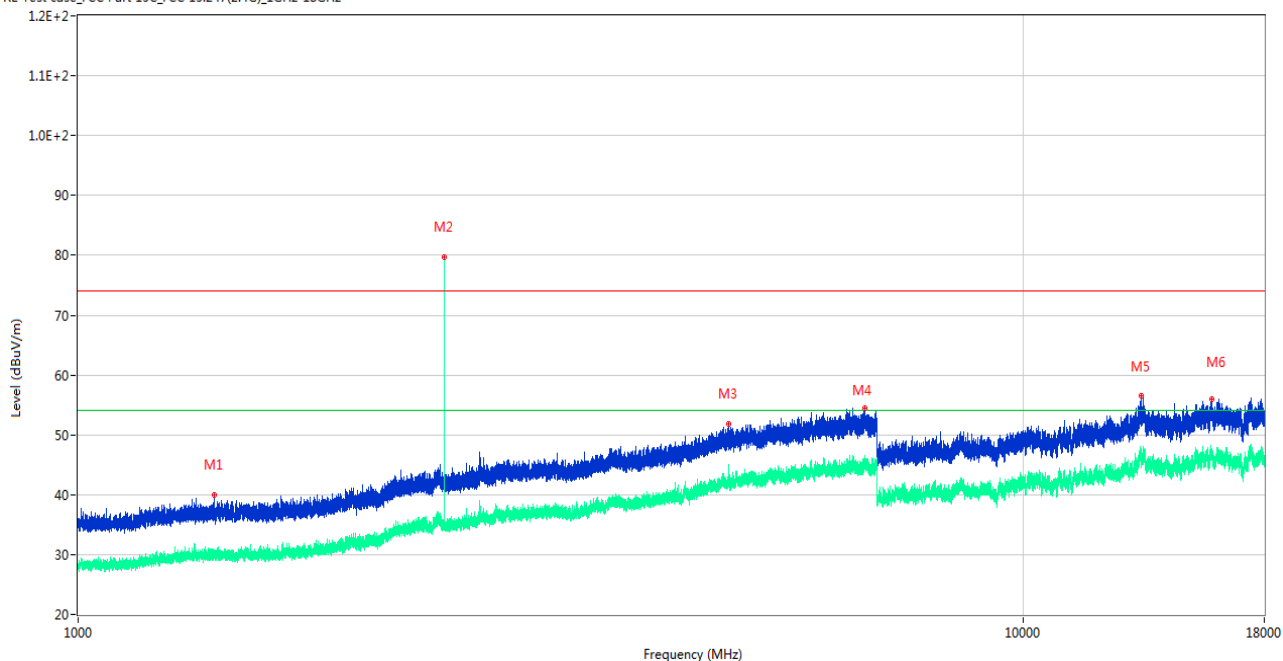
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.100	40.35	-17.07	74.0	33.65	Peak	31.00	300	Vertical	Pass
1**	1327.100	29.77	-17.07	54.0	24.23	AV	31.00	300	Vertical	Pass
2	2402.100	78.07	-9.74	74.0	-4.07	Peak	167.00	150	Vertical	N/A
2**	2402.100	77.82	-9.74	54.0	-23.82	AV	167.00	150	Vertical	N/A
3	4819.000	51.54	-2.08	74.0	22.46	Peak	126.00	200	Vertical	Pass
3**	4819.000	41.78	-2.08	54.0	12.22	AV	126.00	200	Vertical	Pass
4	6978.400	54.66	1.83	74.0	19.34	Peak	360.00	200	Vertical	Pass
4**	6978.400	45.29	1.83	54.0	8.71	AV	360.00	200	Vertical	Pass
5	13309.125	56.44	0.86	74.0	17.56	Peak	298.00	150	Vertical	Pass
5**	13309.125	46.87	0.86	54.0	7.13	AV	298.00	150	Vertical	Pass
6	17450.324	55.93	2.82	74.0	18.07	Peak	76.00	200	Vertical	Pass
6**	17450.324	46.06	2.82	54.0	7.94	AV	76.00	200	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

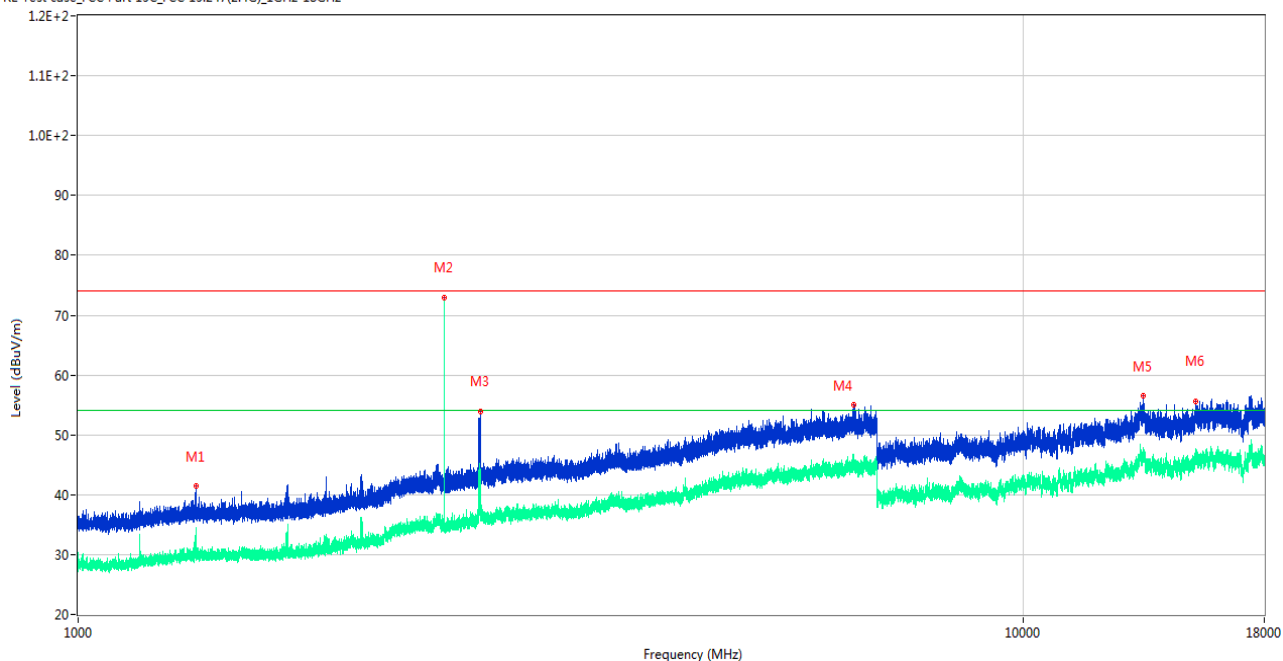
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1394.200	40.00	-16.99	74.0	34.00	Peak	192.00	100	Horizontal	Pass
1**	1394.200	29.37	-16.99	54.0	24.63	AV	192.00	100	Horizontal	Pass
2	2440.800	79.77	-12.38	74.0	-5.77	Peak	55.00	200	Horizontal	N/A
2**	2440.800	78.50	-12.38	54.0	-24.50	AV	55.00	200	Horizontal	N/A
3	4882.000	51.82	-2.61	74.0	22.18	Peak	110.00	200	Horizontal	Pass
3**	4882.000	45.09	-2.61	54.0	8.91	AV	110.00	200	Horizontal	Pass
4	6806.200	54.47	2.26	74.0	19.53	Peak	21.00	400	Horizontal	Pass
4**	6806.200	46.50	2.26	54.0	7.50	AV	21.00	400	Horizontal	Pass
5	13323.825	56.49	0.92	74.0	17.51	Peak	270.00	400	Horizontal	Pass
5**	13323.825	46.80	0.92	54.0	7.20	AV	270.00	400	Horizontal	Pass
6	15843.562	55.95	1.39	74.0	18.05	Peak	349.00	150	Horizontal	Pass
6**	15843.562	46.77	1.39	54.0	7.23	AV	349.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

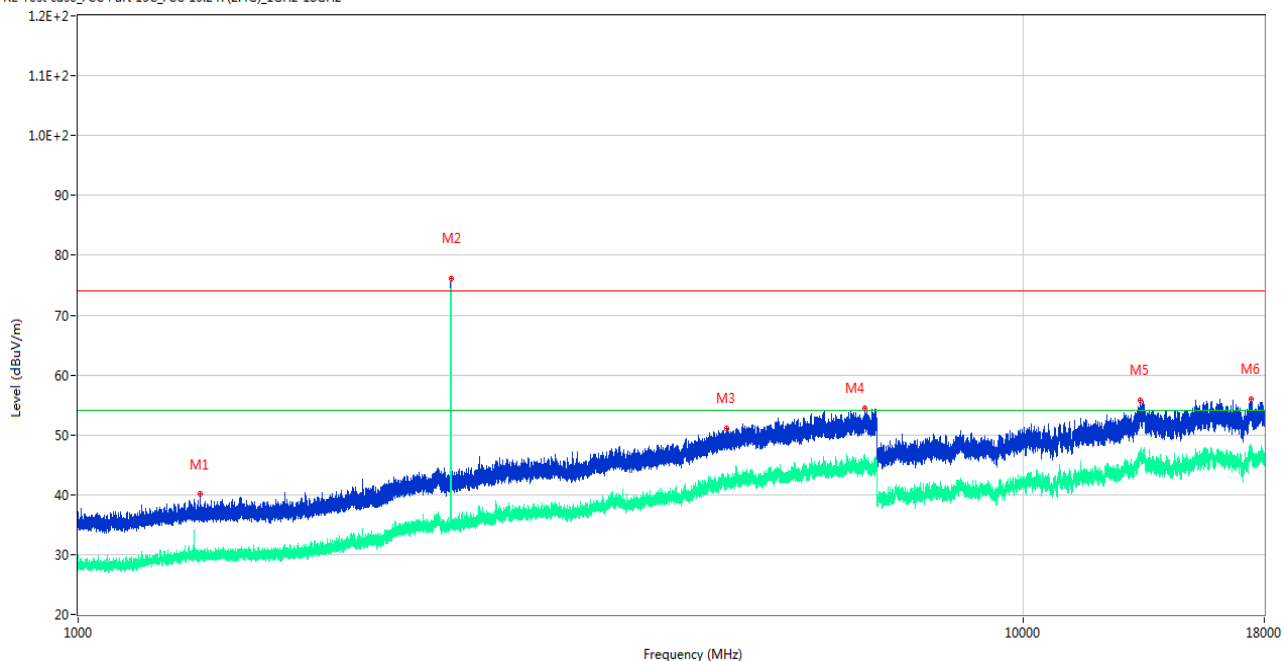
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	41.43	-17.12	74.0	32.57	Peak	18.00	200	Vertical	Pass
1**	1333.000	30.63	-17.12	54.0	23.37	AV	18.00	200	Vertical	Pass
2	2441.100	72.98	-12.38	74.0	1.02	Peak	194.00	200	Vertical	N/A
2**	2441.100	72.61	-12.38	54.0	-18.61	AV	194.00	200	Vertical	N/A
3	2664.200	53.94	-10.86	74.0	20.06	Peak	103.00	200	Vertical	Pass
3**	2664.200	36.07	-10.86	54.0	17.93	AV	103.00	200	Vertical	Pass
4	6626.600	55.06	0.24	74.0	18.94	Peak	54.00	200	Vertical	Pass
4**	6626.600	45.28	0.24	54.0	8.72	AV	54.00	200	Vertical	Pass
5	13415.963	56.48	0.41	74.0	17.52	Peak	131.00	200	Vertical	Pass
5**	13415.963	46.90	0.41	54.0	7.10	AV	131.00	200	Vertical	Pass
6	15247.950	55.50	0.82	74.0	18.50	Peak	324.00	150	Vertical	Pass
6**	15247.950	46.55	0.82	54.0	7.45	AV	324.00	150	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

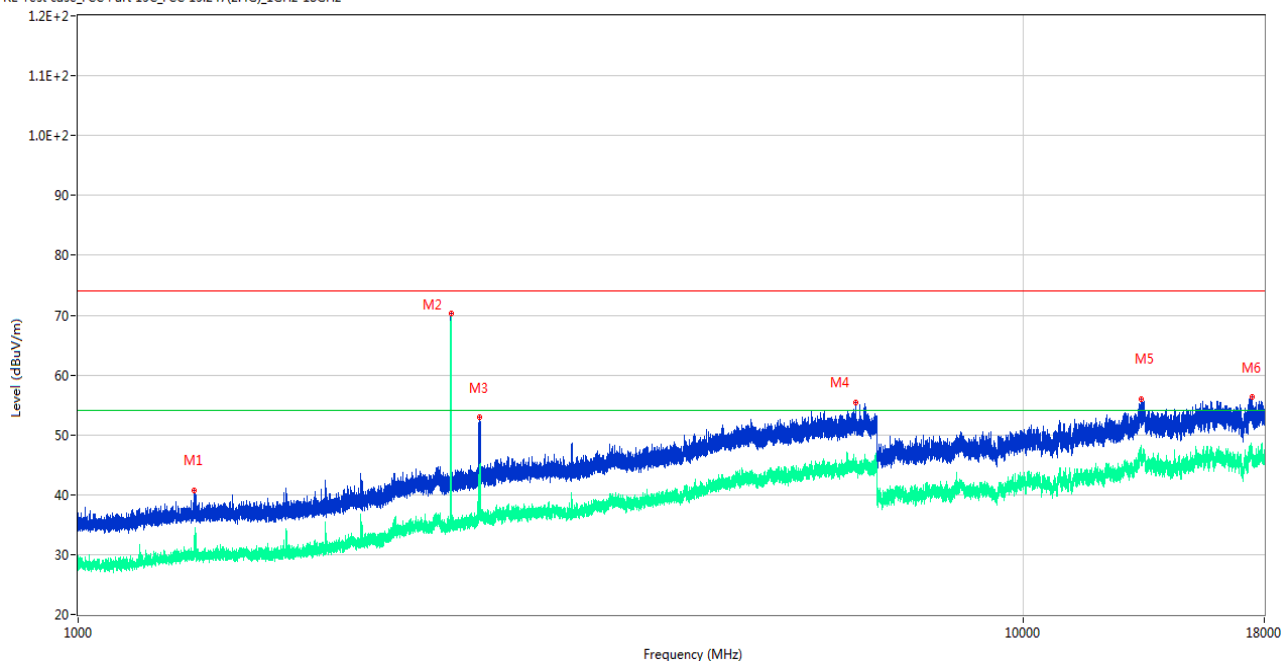
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.900	40.14	-16.85	74.0	33.86	Peak	350.00	300	Horizontal	Pass
1**	1347.900	29.71	-16.85	54.0	24.29	AV	350.00	300	Horizontal	Pass
2	2480.000	76.12	-11.30	74.0	-2.12	Peak	58.00	200	Horizontal	N/A
2**	2480.000	75.88	-11.30	54.0	-21.88	AV	58.00	200	Horizontal	N/A
3	4858.600	51.11	-2.86	74.0	22.89	Peak	256.00	200	Horizontal	Pass
3**	4858.600	41.89	-2.86	54.0	12.11	AV	256.00	200	Horizontal	Pass
4	6806.000	54.47	2.20	74.0	19.53	Peak	20.00	200	Horizontal	Pass
4**	6806.000	46.16	2.20	54.0	7.84	AV	20.00	200	Horizontal	Pass
5	13312.275	55.74	0.87	74.0	18.26	Peak	0.00	150	Horizontal	Pass
5**	13312.275	46.81	0.87	54.0	7.19	AV	0.00	150	Horizontal	Pass
6	17418.824	55.98	3.73	74.0	18.02	Peak	162.00	400	Horizontal	Pass
6**	17418.824	46.99	3.73	54.0	7.01	AV	162.00	400	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

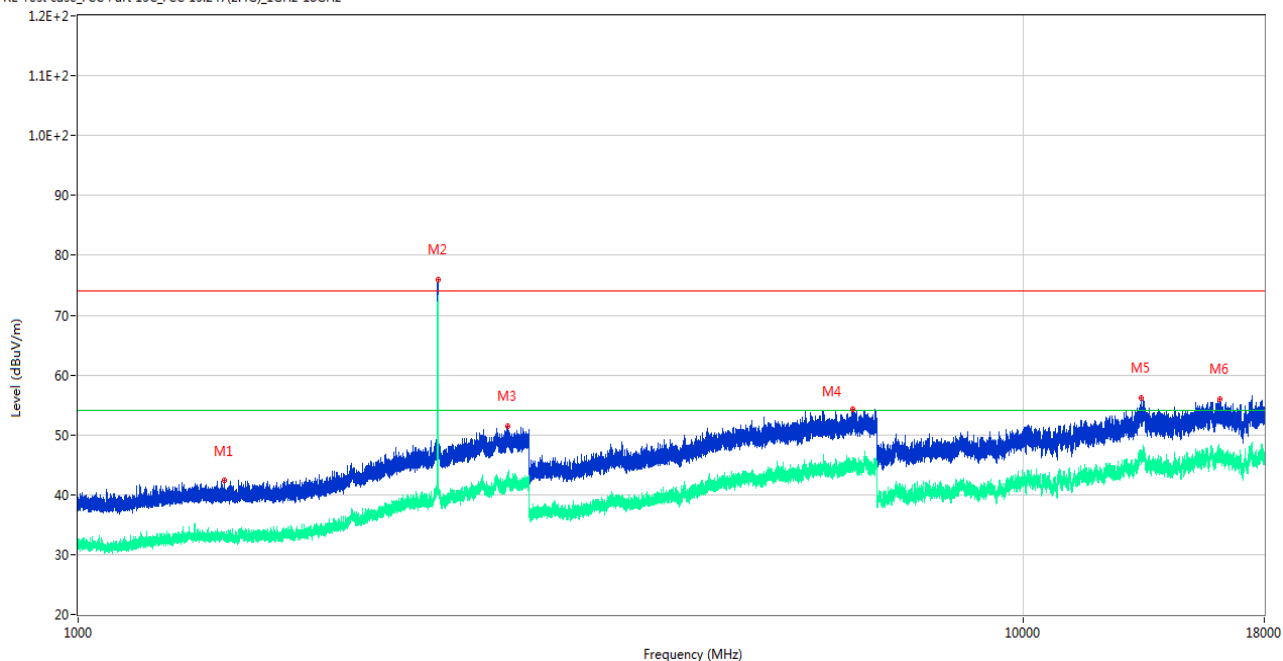
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.100	40.76	-17.07	74.0	33.24	Peak	333.00	400	Vertical	Pass
1**	1327.100	29.30	-17.07	54.0	24.70	AV	333.00	400	Vertical	Pass
2	2479.900	70.27	-11.32	74.0	3.73	Peak	171.00	150	Vertical	N/A
2**	2479.900	69.70	-11.32	54.0	-15.70	AV	171.00	150	Vertical	N/A
3	2659.600	52.89	-11.12	74.0	21.11	Peak	109.00	150	Vertical	Pass
3**	2659.600	41.65	-11.12	54.0	12.35	AV	109.00	150	Vertical	Pass
4	6655.600	55.33	-0.15	74.0	18.67	Peak	31.00	100	Vertical	Pass
4**	6655.600	44.36	-0.15	54.0	9.64	AV	31.00	100	Vertical	Pass
5	13329.599	55.94	0.93	74.0	18.06	Peak	82.00	150	Vertical	Pass
5**	13329.599	45.80	0.93	54.0	8.20	AV	82.00	150	Vertical	Pass
6	17469.749	56.27	2.91	74.0	17.73	Peak	103.00	400	Vertical	Pass
6**	17469.749	48.07	2.91	54.0	5.93	AV	103.00	400	Vertical	Pass

$\pi/4$ -DQPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

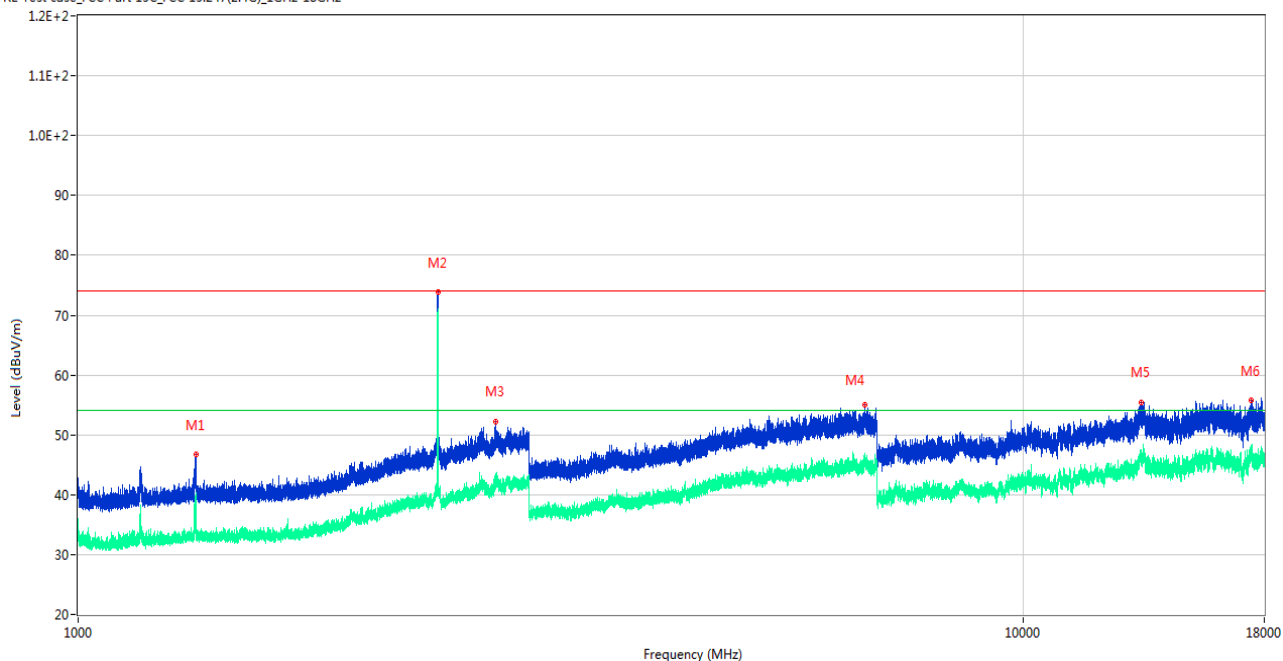
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.500	42.37	-17.03	74.0	31.63	Peak	154.00	200	Horizontal	Pass
1**	1429.500	32.82	-17.03	54.0	21.18	AV	154.00	200	Horizontal	Pass
2	2402.200	76.02	-9.74	74.0	-2.02	Peak	143.00	200	Horizontal	N/A
2**	2402.200	73.15	-9.74	54.0	-19.15	AV	143.00	200	Horizontal	N/A
3	2850.300	51.46	-8.31	74.0	22.54	Peak	112.00	150	Horizontal	Pass
3**	2850.300	42.75	-8.31	54.0	11.25	AV	112.00	150	Horizontal	Pass
4	6606.400	54.28	-0.04	74.0	19.72	Peak	211.00	200	Horizontal	Pass
4**	6606.400	45.21	-0.04	54.0	8.79	AV	211.00	200	Horizontal	Pass
5	13321.201	56.24	0.91	74.0	17.76	Peak	201.00	100	Horizontal	Pass
5**	13321.201	45.93	0.91	54.0	8.07	AV	201.00	100	Horizontal	Pass
6	16143.337	56.01	1.03	74.0	17.99	Peak	33.00	150	Horizontal	Pass
6**	16143.337	45.52	1.03	54.0	8.48	AV	33.00	150	Horizontal	Pass

$\pi/4$ -DQPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

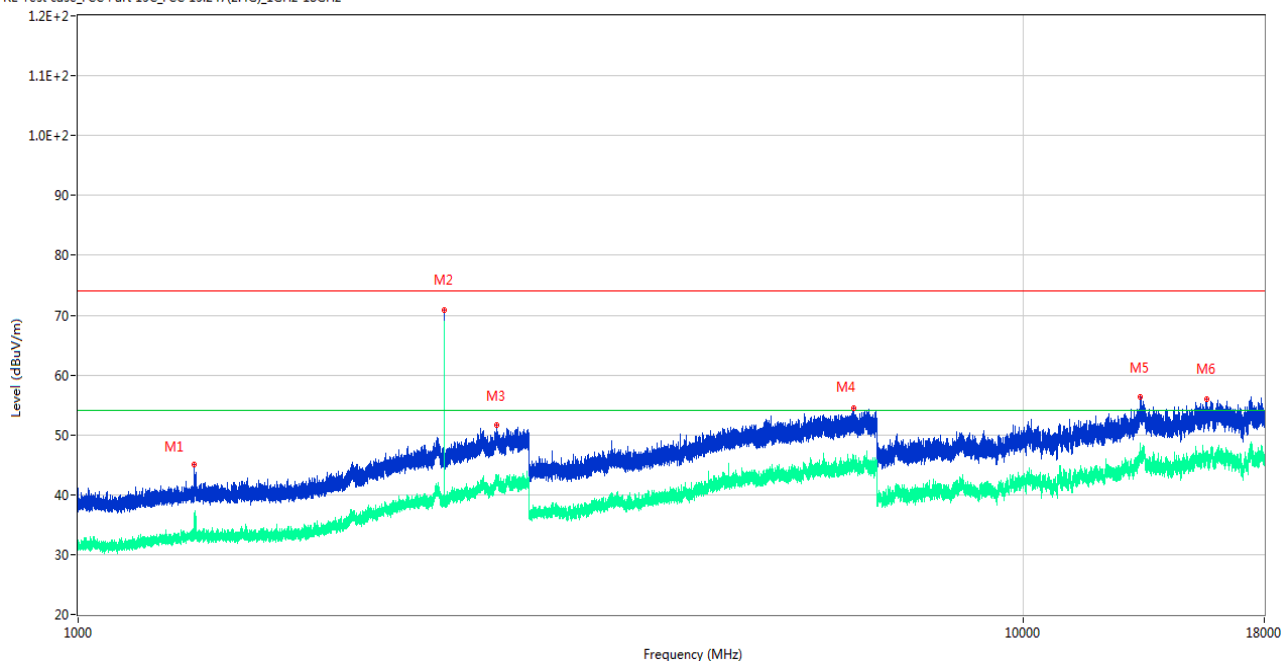
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	46.72	-17.13	74.0	27.28	Peak	114.00	300	Vertical	Pass
1**	1332.800	36.51	-17.13	54.0	17.49	AV	114.00	300	Vertical	Pass
2	2401.800	73.78	-9.75	74.0	0.22	Peak	174.00	200	Vertical	N/A
2**	2401.800	70.21	-9.75	54.0	-16.21	AV	174.00	200	Vertical	N/A
3	2769.600	52.20	-8.63	74.0	21.80	Peak	360.00	150	Vertical	Pass
3**	2769.600	42.94	-8.63	54.0	11.06	AV	360.00	150	Vertical	Pass
4	6805.800	55.12	2.13	74.0	18.88	Peak	205.00	200	Vertical	Pass
4**	6805.800	46.36	2.13	54.0	7.64	AV	205.00	200	Vertical	Pass
5	13336.162	55.45	1.02	74.0	18.55	Peak	90.00	150	Vertical	Pass
5**	13336.162	45.62	1.02	54.0	8.38	AV	90.00	150	Vertical	Pass
6	17454.787	55.76	2.84	74.0	18.24	Peak	53.00	200	Vertical	Pass
6**	17454.787	46.00	2.84	54.0	8.00	AV	53.00	200	Vertical	Pass

$\pi/4$ -DQPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

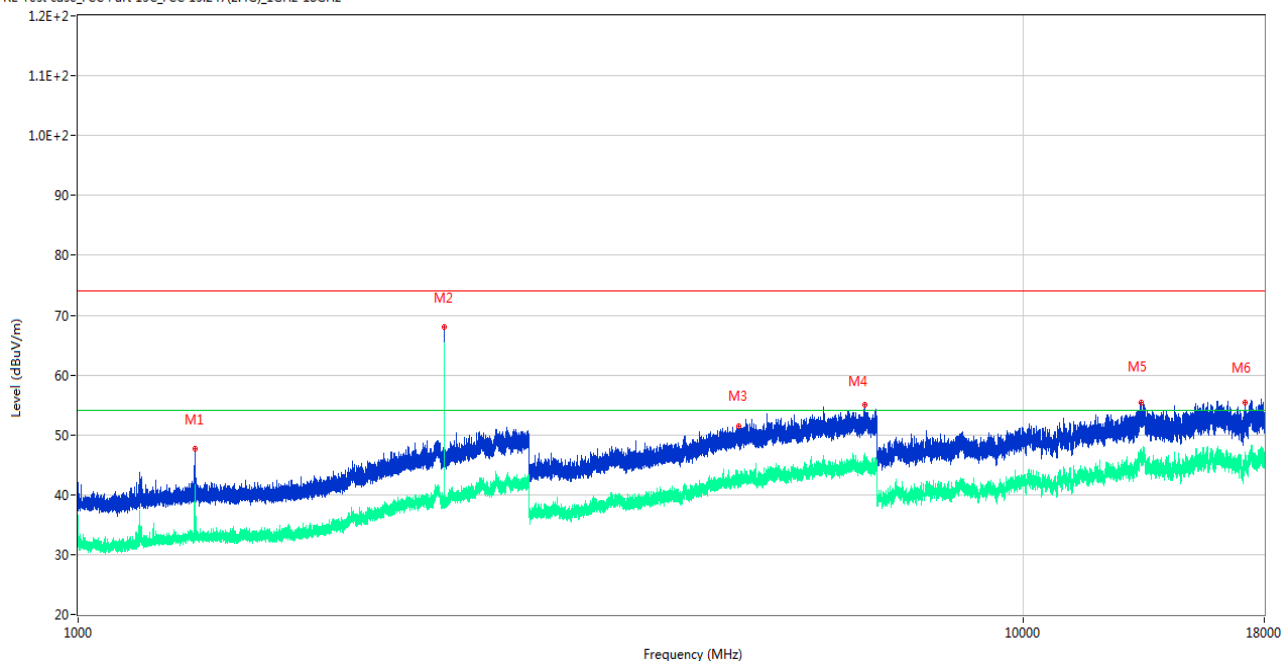
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	45.07	-17.09	74.0	28.93	Peak	19.00	300	Horizontal	Pass
1**	1328.200	32.84	-17.09	54.0	21.16	AV	19.00	300	Horizontal	Pass
2	2441.100	70.89	-12.38	74.0	3.11	Peak	291.00	150	Horizontal	N/A
2**	2441.100	68.93	-12.38	54.0	-14.93	AV	291.00	150	Horizontal	N/A
3	2770.700	51.56	-8.49	74.0	22.44	Peak	360.00	200	Horizontal	Pass
3**	2770.700	42.55	-8.49	54.0	11.45	AV	360.00	200	Horizontal	Pass
4	6611.600	54.43	0.64	74.0	19.57	Peak	360.00	300	Horizontal	Pass
4**	6611.600	45.75	0.64	54.0	8.25	AV	360.00	300	Horizontal	Pass
5	13315.687	56.31	0.89	74.0	17.69	Peak	109.00	100	Horizontal	Pass
5**	13315.687	47.22	0.89	54.0	6.78	AV	109.00	100	Horizontal	Pass
6	15627.787	55.88	1.71	74.0	18.12	Peak	89.00	150	Horizontal	Pass
6**	15627.787	46.16	1.71	54.0	7.84	AV	89.00	150	Horizontal	Pass

$\pi/4$ -DQPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

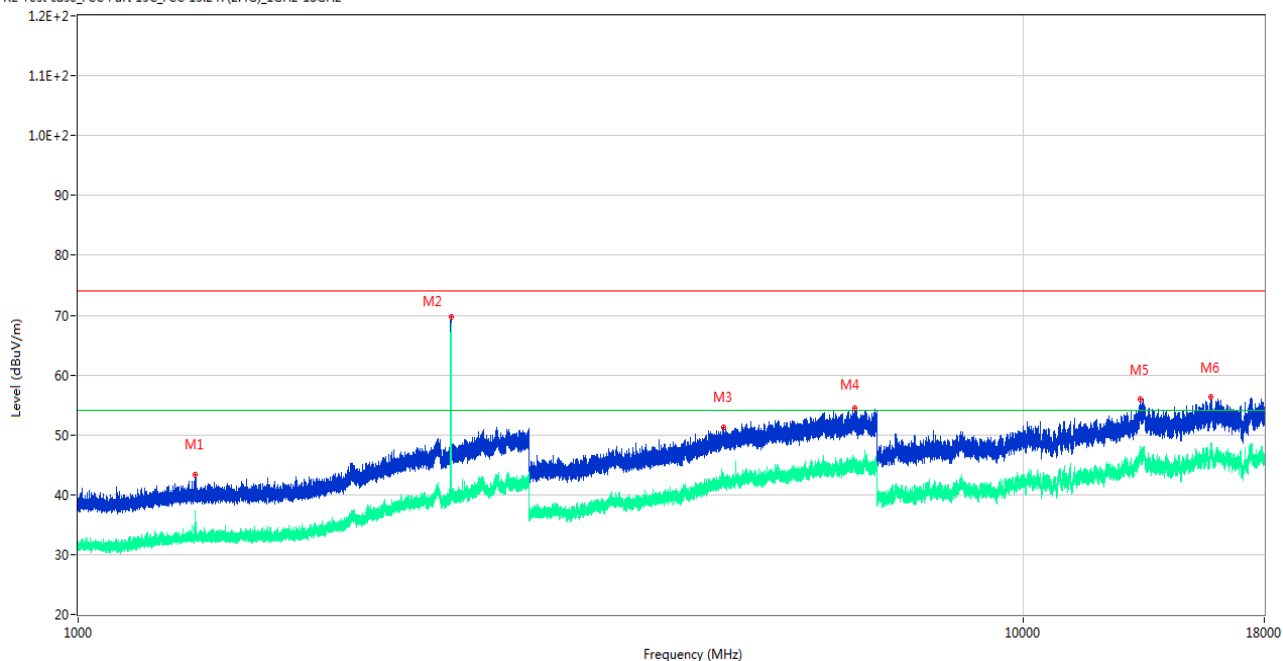
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	47.61	-17.06	74.0	26.39	Peak	101.00	100	Vertical	Pass
1**	1329.100	41.60	-17.06	54.0	12.40	AV	101.00	100	Vertical	Pass
2	2440.800	67.95	-12.38	74.0	6.05	Peak	169.00	200	Vertical	N/A
2**	2440.800	64.94	-12.38	54.0	-10.94	AV	169.00	200	Vertical	N/A
3	4999.600	51.47	-2.39	74.0	22.53	Peak	360.00	100	Vertical	Pass
3**	4999.600	42.35	-2.39	54.0	11.65	AV	360.00	100	Vertical	Pass
4	6805.800	54.97	2.13	74.0	19.03	Peak	139.00	400	Vertical	Pass
4**	6805.800	46.15	2.13	54.0	7.85	AV	139.00	400	Vertical	Pass
5	13320.674	55.41	0.91	74.0	18.59	Peak	15.00	150	Vertical	Pass
5**	13320.674	46.06	0.91	54.0	7.94	AV	15.00	150	Vertical	Pass
6	17172.338	55.35	0.44	74.0	18.65	Peak	36.00	150	Vertical	Pass
6**	17172.338	45.64	0.44	54.0	8.36	AV	36.00	150	Vertical	Pass

$\pi/4$ -DQPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

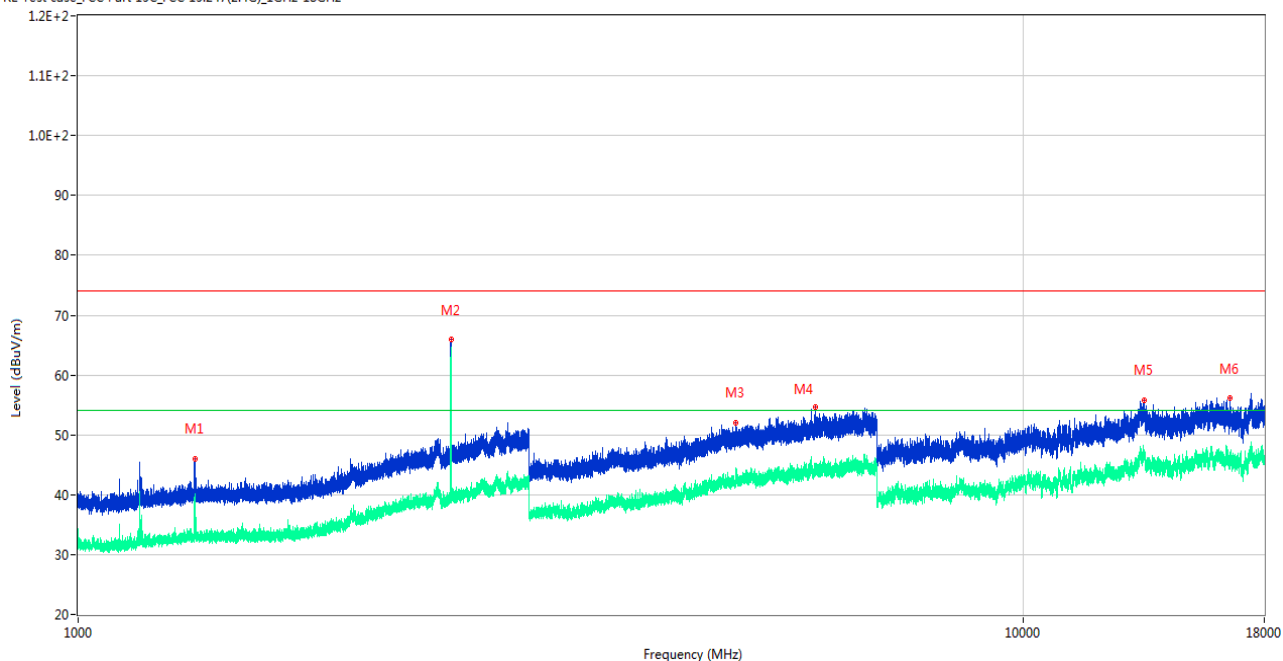
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	43.35	-17.09	74.0	30.65	Peak	5.00	200	Horizontal	Pass
1**	1328.500	33.52	-17.09	54.0	20.48	AV	5.00	200	Horizontal	Pass
2	2479.800	69.73	-11.33	74.0	4.27	Peak	76.00	150	Horizontal	N/A
2**	2479.800	67.66	-11.33	54.0	-13.66	AV	76.00	150	Horizontal	N/A
3	4817.000	51.32	-2.22	74.0	22.68	Peak	323.00	100	Horizontal	Pass
3**	4817.000	43.63	-2.22	54.0	10.37	AV	323.00	100	Horizontal	Pass
4	6639.200	54.44	-0.93	74.0	19.56	Peak	0.00	100	Horizontal	Pass
4**	6639.200	44.34	-0.93	54.0	9.66	AV	0.00	100	Horizontal	Pass
5	13313.849	55.88	0.88	74.0	18.12	Peak	137.00	150	Horizontal	Pass
5**	13313.849	46.24	0.88	54.0	7.76	AV	137.00	150	Horizontal	Pass
6	15801.825	56.25	2.31	74.0	17.75	Peak	218.00	300	Horizontal	Pass
6**	15801.825	46.65	2.31	54.0	7.35	AV	218.00	300	Horizontal	Pass

$\pi/4$ -DQPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz

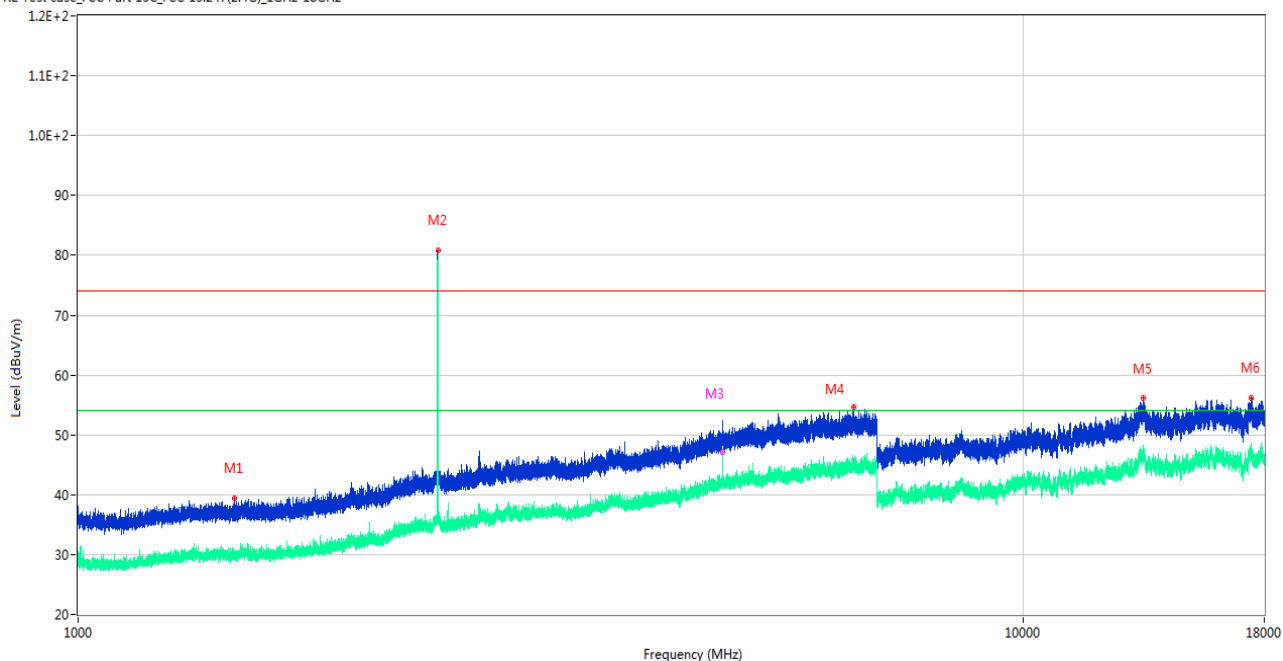


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	45.98	-16.99	74.0	28.02	Peak	117.00	300	Vertical	Pass
1**	1330.700	33.46	-16.99	54.0	20.54	AV	117.00	300	Vertical	Pass
2	2480.100	65.90	-11.29	74.0	8.10	Peak	163.00	150	Vertical	N/A
2**	2480.100	64.54	-11.29	54.0	-10.54	AV	163.00	150	Vertical	N/A
3	4959.800	52.07	-2.22	74.0	21.93	Peak	90.00	150	Vertical	Pass
3**	4959.800	42.43	-2.22	54.0	11.57	AV	90.00	150	Vertical	Pass
4	6036.000	54.64	-1.66	74.0	19.36	Peak	357.00	100	Vertical	Pass
4**	6036.000	43.87	-1.66	54.0	10.13	AV	357.00	100	Vertical	Pass
5	13438.012	55.84	0.45	74.0	18.16	Peak	312.00	150	Vertical	Pass
5**	13438.012	46.87	0.45	54.0	7.13	AV	312.00	150	Vertical	Pass
6	16567.801	56.10	0.93	74.0	17.90	Peak	144.00	200	Vertical	Pass
6**	16567.801	45.78	0.93	54.0	8.22	AV	144.00	200	Vertical	Pass

Right Ear

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

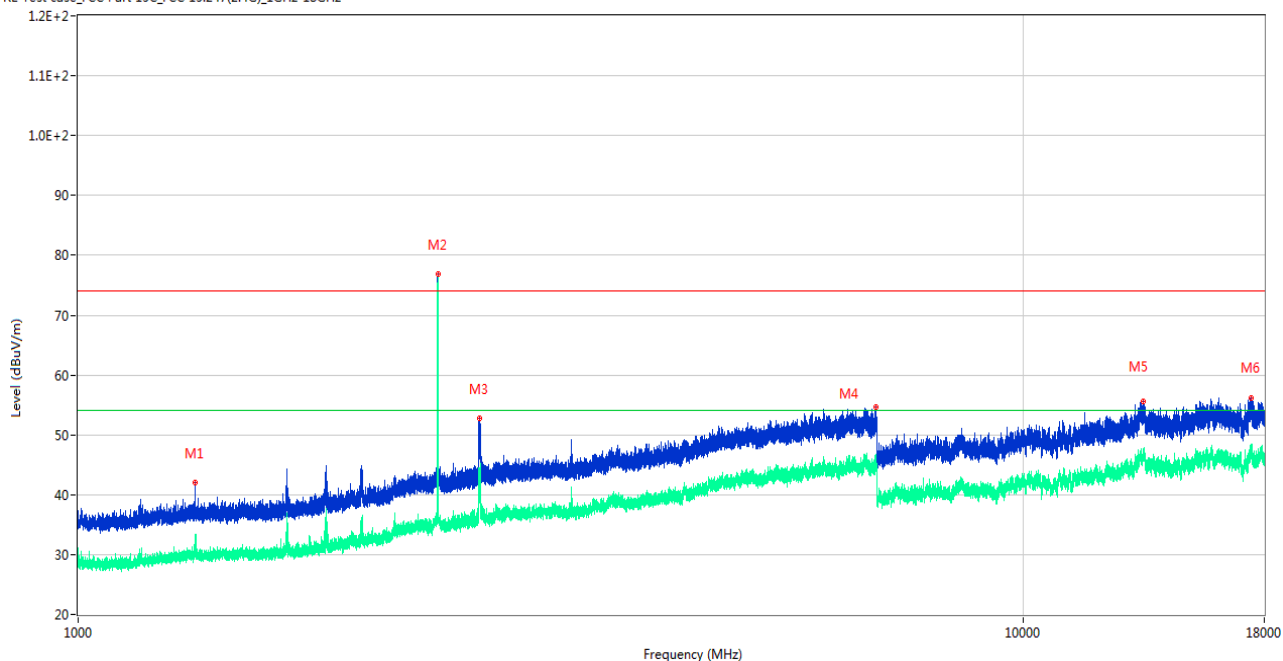
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.100	39.44	-17.33	74.0	34.56	Peak	323.00	200	Horizontal	Pass
1**	1462.100	29.78	-17.33	54.0	24.22	AV	323.00	200	Horizontal	Pass
2	2402.100	80.84	-9.74	74.0	-6.84	Peak	339.00	150	Horizontal	N/A
2**	2402.100	80.49	-9.74	54.0	-26.49	AV	339.00	150	Horizontal	N/A
3	4804.200	51.79	-2.83	74.0	22.21	Peak	0.00	150	Horizontal	Pass
3**	4804.200	47.05	-2.83	54.0	6.95	AV	0.00	150	Horizontal	Pass
4	6611.600	54.57	0.64	74.0	19.43	Peak	62.00	100	Horizontal	Pass
4**	6611.600	45.24	0.64	54.0	8.76	AV	62.00	100	Horizontal	Pass
5	13414.912	56.22	0.42	74.0	17.78	Peak	360.00	150	Horizontal	Pass
5**	13414.912	47.36	0.42	54.0	6.64	AV	360.00	150	Horizontal	Pass
6	17419.350	56.24	3.74	74.0	17.76	Peak	15.00	400	Horizontal	Pass
6**	17419.350	47.47	3.74	54.0	6.53	AV	15.00	400	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

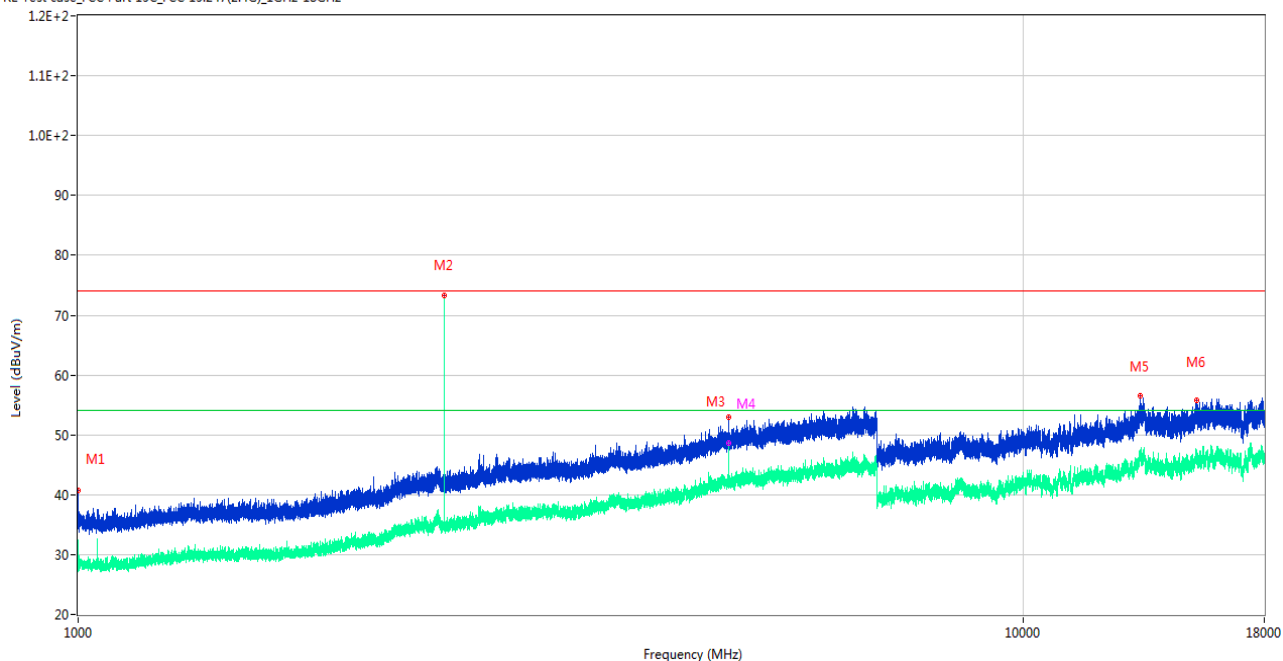
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	41.99	-16.98	74.0	32.01	Peak	18.00	300	Vertical	Pass
1**	1330.400	32.01	-16.98	54.0	21.99	AV	18.00	300	Vertical	Pass
2	2401.900	76.80	-9.75	74.0	-2.80	Peak	268.00	150	Vertical	N/A
2**	2401.900	76.41	-9.75	54.0	-22.41	AV	268.00	150	Vertical	N/A
3	2658.200	52.71	-11.07	74.0	21.29	Peak	111.00	100	Vertical	Pass
3**	2658.200	38.84	-11.07	54.0	15.16	AV	111.00	100	Vertical	Pass
4	6979.000	54.73	1.81	74.0	19.27	Peak	179.00	400	Vertical	Pass
4**	6979.000	45.10	1.81	54.0	8.90	AV	179.00	400	Vertical	Pass
5	13418.588	55.57	0.40	74.0	18.43	Peak	256.00	150	Vertical	Pass
5**	13418.588	47.08	0.40	54.0	6.92	AV	256.00	150	Vertical	Pass
6	17437.725	56.18	3.13	74.0	17.82	Peak	33.00	400	Vertical	Pass
6**	17437.725	46.97	3.13	54.0	7.03	AV	33.00	400	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

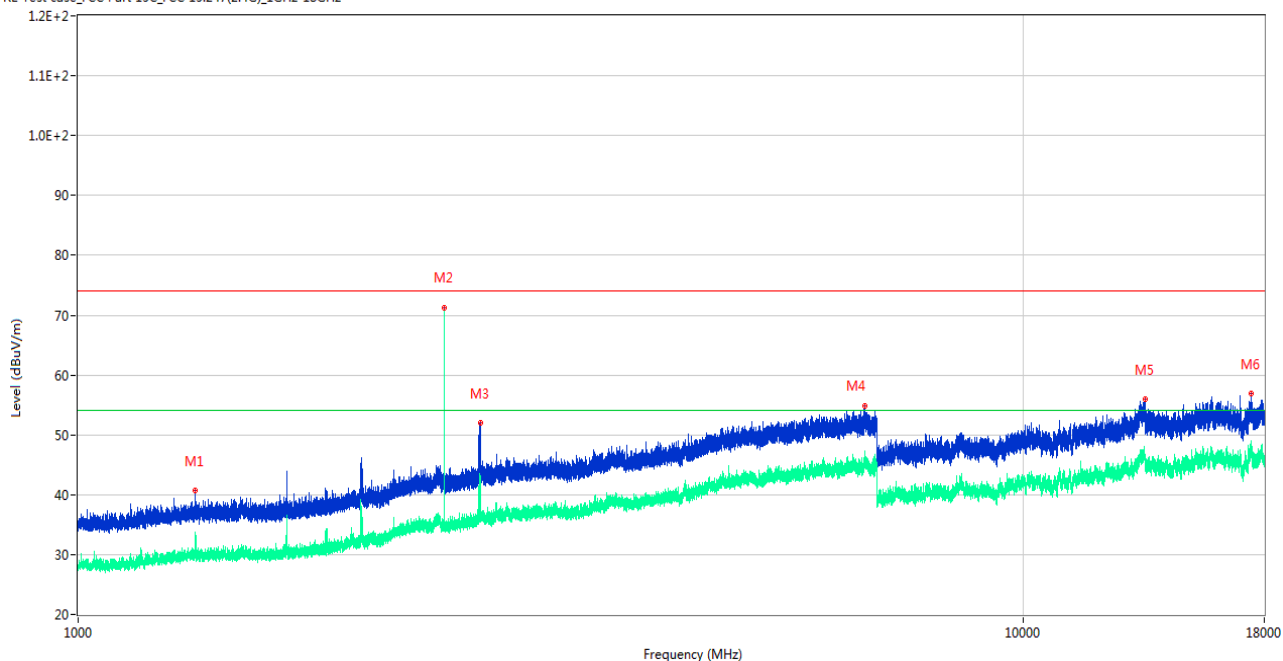
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.000	40.75	-18.00	74.0	33.25	Peak	321.00	300	Horizontal	Pass
1**	1000.000	31.04	-18.00	54.0	22.96	AV	321.00	300	Horizontal	Pass
2	2441.100	73.35	-12.38	74.0	0.65	Peak	333.00	200	Horizontal	N/A
2**	2441.100	72.96	-12.38	54.0	-18.96	AV	333.00	200	Horizontal	N/A
3	4882.000	53.00	-2.61	74.0	21.00	Peak	356.00	200	Horizontal	Pass
3**	4882.000	48.27	-2.61	54.0	5.73	AV	356.00	200	Horizontal	Pass
4	4882.200	52.12	-2.60	74.0	21.88	Peak	356.00	150	Horizontal	Pass
4**	4882.200	48.68	-2.60	54.0	5.32	AV	356.00	150	Horizontal	Pass
5	13312.800	56.46	0.87	74.0	17.54	Peak	240.00	200	Horizontal	Pass
5**	13312.800	46.75	0.87	54.0	7.25	AV	240.00	200	Horizontal	Pass
6	15282.338	55.75	0.67	74.0	18.25	Peak	202.00	150	Horizontal	Pass
6**	15282.338	46.13	0.67	54.0	7.87	AV	202.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

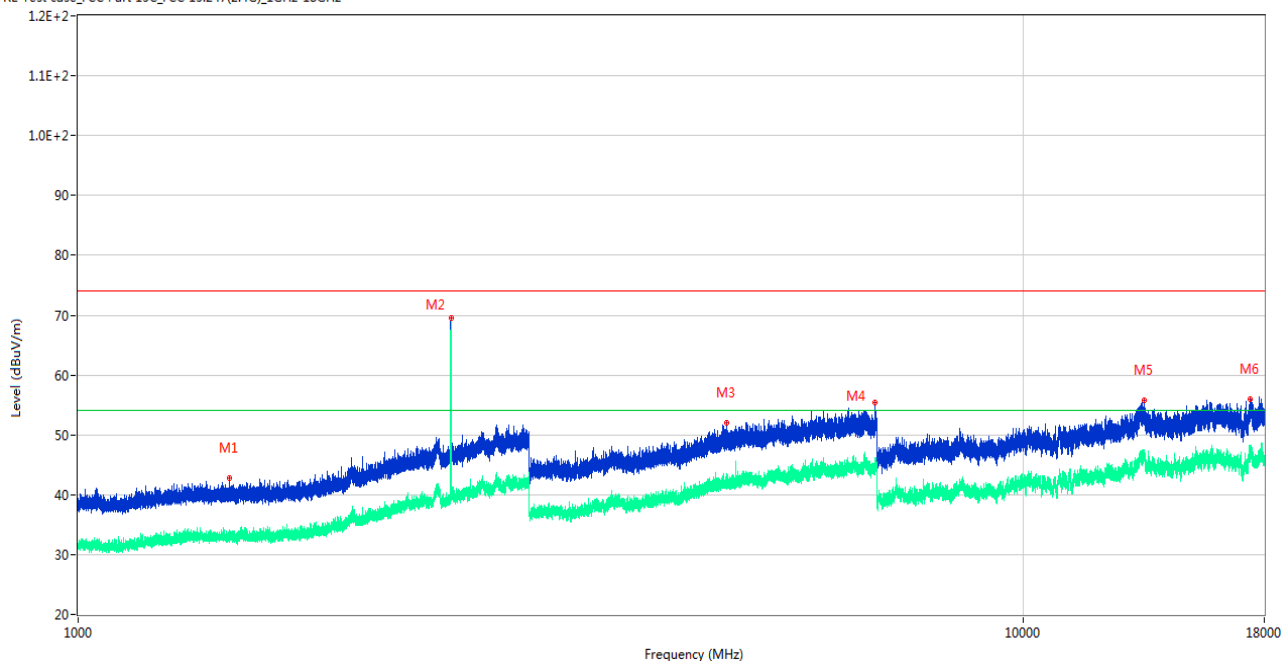
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	40.68	-17.00	74.0	33.32	Peak	25.00	300	Vertical	Pass
1**	1330.900	31.10	-17.00	54.0	22.90	AV	25.00	300	Vertical	Pass
2	2441.000	71.26	-12.38	74.0	2.74	Peak	134.00	200	Vertical	N/A
2**	2441.000	70.81	-12.38	54.0	-16.81	AV	134.00	200	Vertical	N/A
3	2665.100	51.95	-10.89	74.0	22.05	Peak	92.00	150	Vertical	Pass
3**	2665.100	40.46	-10.89	54.0	13.54	AV	92.00	150	Vertical	Pass
4	6802.400	54.76	1.54	74.0	19.24	Peak	125.00	200	Vertical	Pass
4**	6802.400	44.97	1.54	54.0	9.03	AV	125.00	200	Vertical	Pass
5	13452.713	55.88	0.62	74.0	18.12	Peak	322.00	150	Vertical	Pass
5**	13452.713	45.85	0.62	54.0	8.15	AV	322.00	150	Vertical	Pass
6	17420.925	56.88	3.73	74.0	17.12	Peak	182.00	200	Vertical	Pass
6**	17420.925	47.75	3.73	54.0	6.25	AV	182.00	200	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

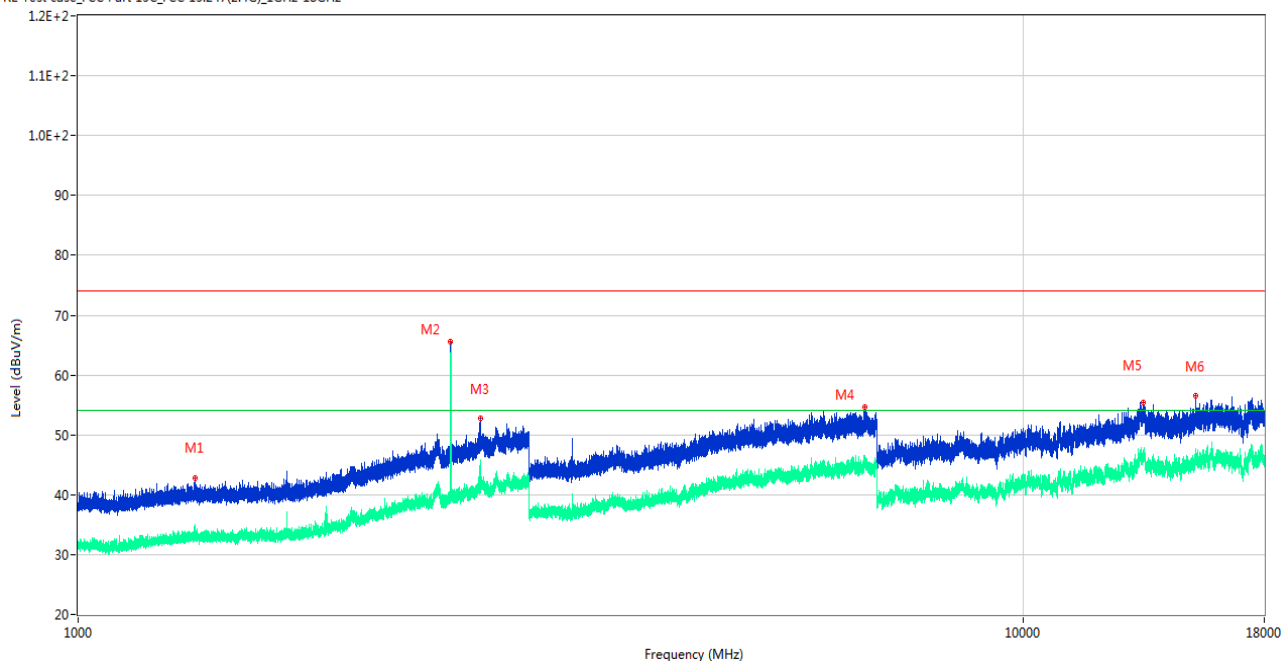
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.100	42.81	-17.11	74.0	31.19	Peak	3.00	100	Horizontal	Pass
1**	1444.100	32.59	-17.11	54.0	21.41	AV	3.00	100	Horizontal	Pass
2	2480.100	69.48	-11.29	74.0	4.52	Peak	86.00	200	Horizontal	N/A
2**	2480.100	69.06	-11.29	54.0	-15.06	AV	86.00	200	Horizontal	N/A
3	4858.000	52.06	-2.73	74.0	21.94	Peak	360.00	200	Horizontal	Pass
3**	4858.000	41.50	-2.73	54.0	12.50	AV	360.00	200	Horizontal	Pass
4	6975.200	55.48	1.44	74.0	18.52	Peak	359.00	400	Horizontal	Pass
4**	6975.200	44.79	1.44	54.0	9.21	AV	359.00	400	Horizontal	Pass
5	13433.287	55.82	0.41	74.0	18.18	Peak	165.00	150	Horizontal	Pass
5**	13433.287	47.05	0.41	54.0	6.95	AV	165.00	150	Horizontal	Pass
6	17410.687	55.99	3.47	74.0	18.01	Peak	324.00	100	Horizontal	Pass
6**	17410.687	47.02	3.47	54.0	6.98	AV	324.00	100	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

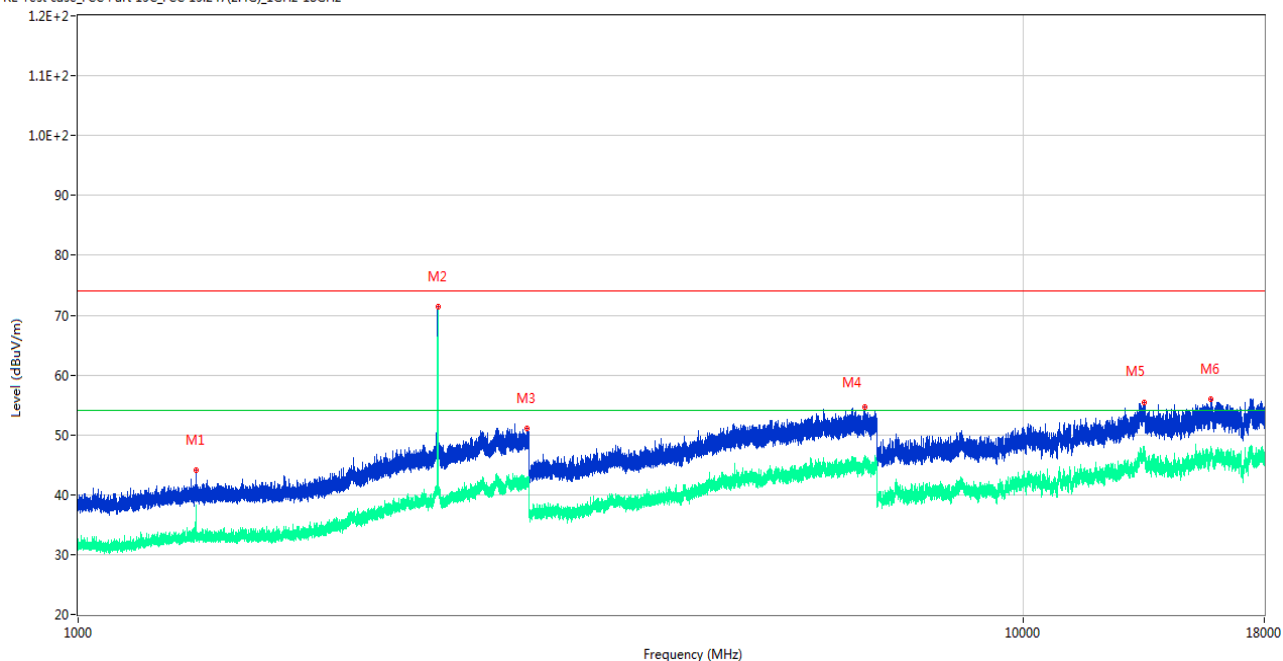
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	42.87	-17.08	74.0	31.13	Peak	0.00	300	Vertical	Pass
1**	1328.700	33.16	-17.08	54.0	20.84	AV	0.00	300	Vertical	Pass
2	2479.700	65.56	-11.35	74.0	8.44	Peak	246.00	150	Vertical	N/A
2**	2479.700	63.54	-11.35	54.0	-9.54	AV	246.00	150	Vertical	N/A
3	2665.800	52.72	-10.77	74.0	21.28	Peak	270.00	150	Vertical	Pass
3**	2665.800	41.74	-10.77	54.0	12.26	AV	270.00	150	Vertical	Pass
4	6807.400	54.58	2.02	74.0	19.42	Peak	227.00	200	Vertical	Pass
4**	6807.400	46.05	2.02	54.0	7.95	AV	227.00	200	Vertical	Pass
5	13393.125	55.33	0.65	74.0	18.67	Peak	262.00	150	Vertical	Pass
5**	13393.125	45.87	0.65	54.0	8.13	AV	262.00	150	Vertical	Pass
6	15229.575	56.45	0.88	74.0	17.55	Peak	58.00	100	Vertical	Pass
6**	15229.575	46.73	0.88	54.0	7.27	AV	58.00	100	Vertical	Pass

$\pi/4$ -DQPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

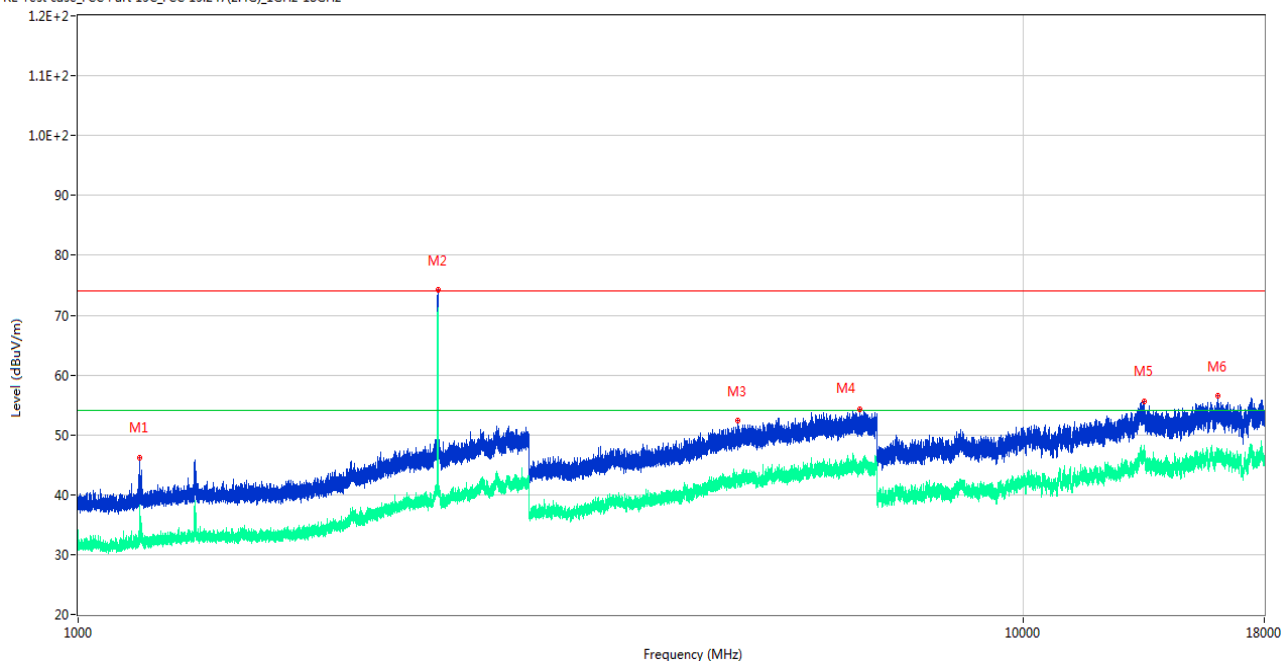
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	44.13	-17.07	74.0	29.87	Peak	158.00	200	Horizontal	Pass
1**	1331.800	32.95	-17.07	54.0	21.05	AV	158.00	200	Horizontal	Pass
2	2402.000	71.42	-9.74	74.0	2.58	Peak	169.00	150	Horizontal	N/A
2**	2402.000	70.72	-9.74	54.0	-16.72	AV	169.00	150	Horizontal	N/A
3	2985.000	51.00	-9.08	74.0	23.00	Peak	64.00	150	Horizontal	Pass
3**	2985.000	41.76	-9.08	54.0	12.24	AV	64.00	150	Horizontal	Pass
4	6805.200	54.66	1.94	74.0	19.34	Peak	296.00	200	Horizontal	Pass
4**	6805.200	45.58	1.94	54.0	8.42	AV	296.00	200	Horizontal	Pass
5	13443.526	55.37	0.54	74.0	18.63	Peak	137.00	150	Horizontal	Pass
5**	13443.526	46.22	0.54	54.0	7.78	AV	137.00	150	Horizontal	Pass
6	15820.463	56.05	1.85	74.0	17.95	Peak	284.00	200	Horizontal	Pass
6**	15820.463	46.51	1.85	54.0	7.49	AV	284.00	200	Horizontal	Pass

$\pi/4$ -DQPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

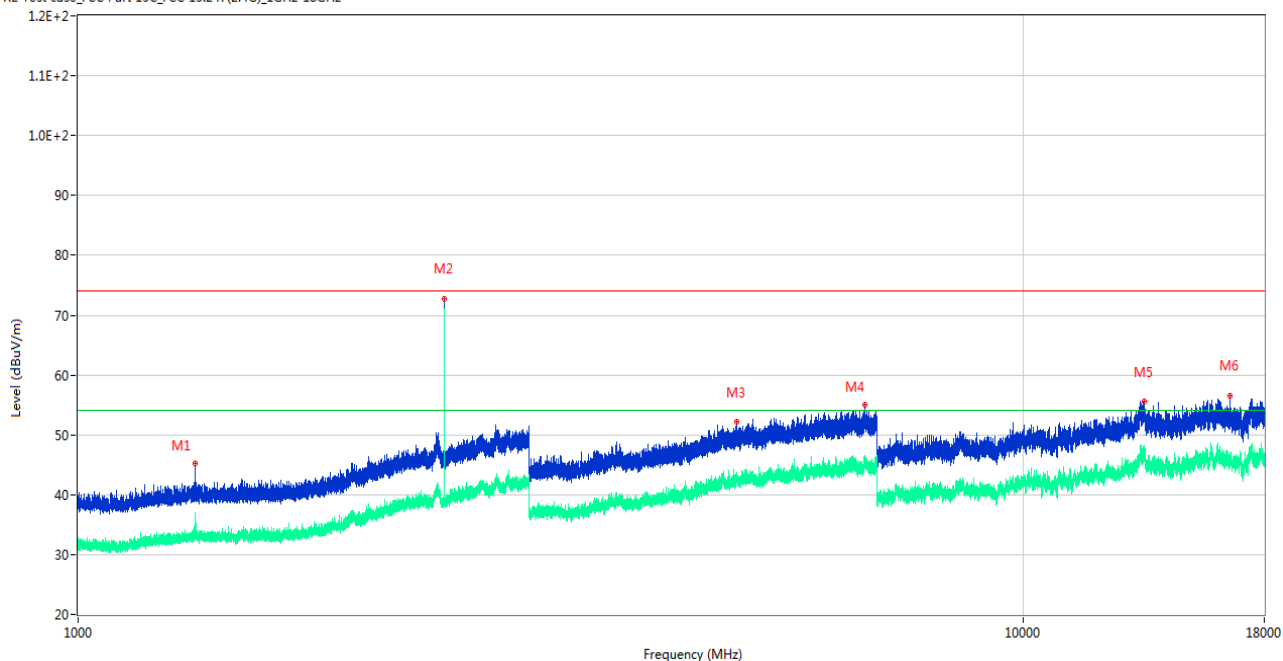
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.900	46.25	-17.64	74.0	27.75	Peak	228.00	300	Vertical	Pass
1**	1161.900	33.30	-17.64	54.0	20.70	AV	228.00	300	Vertical	Pass
2	2401.900	74.18	-9.75	74.0	-0.18	Peak	169.00	200	Vertical	N/A
2**	2401.900	70.95	-9.75	54.0	-16.95	AV	169.00	200	Vertical	N/A
3	4985.400	52.30	-2.02	74.0	21.70	Peak	94.00	100	Vertical	Pass
3**	4985.400	42.93	-2.02	54.0	11.07	AV	94.00	100	Vertical	Pass
4	6720.000	54.34	-0.78	74.0	19.66	Peak	94.00	300	Vertical	Pass
4**	6720.000	44.39	-0.78	54.0	9.61	AV	94.00	300	Vertical	Pass
5	13435.388	55.61	0.42	74.0	18.39	Peak	203.00	150	Vertical	Pass
5**	13435.388	46.49	0.42	54.0	7.51	AV	203.00	150	Vertical	Pass
6	16085.588	56.45	1.52	74.0	17.55	Peak	163.00	300	Vertical	Pass
6**	16085.588	46.48	1.52	54.0	7.52	AV	163.00	300	Vertical	Pass

$\pi/4$ -DQPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

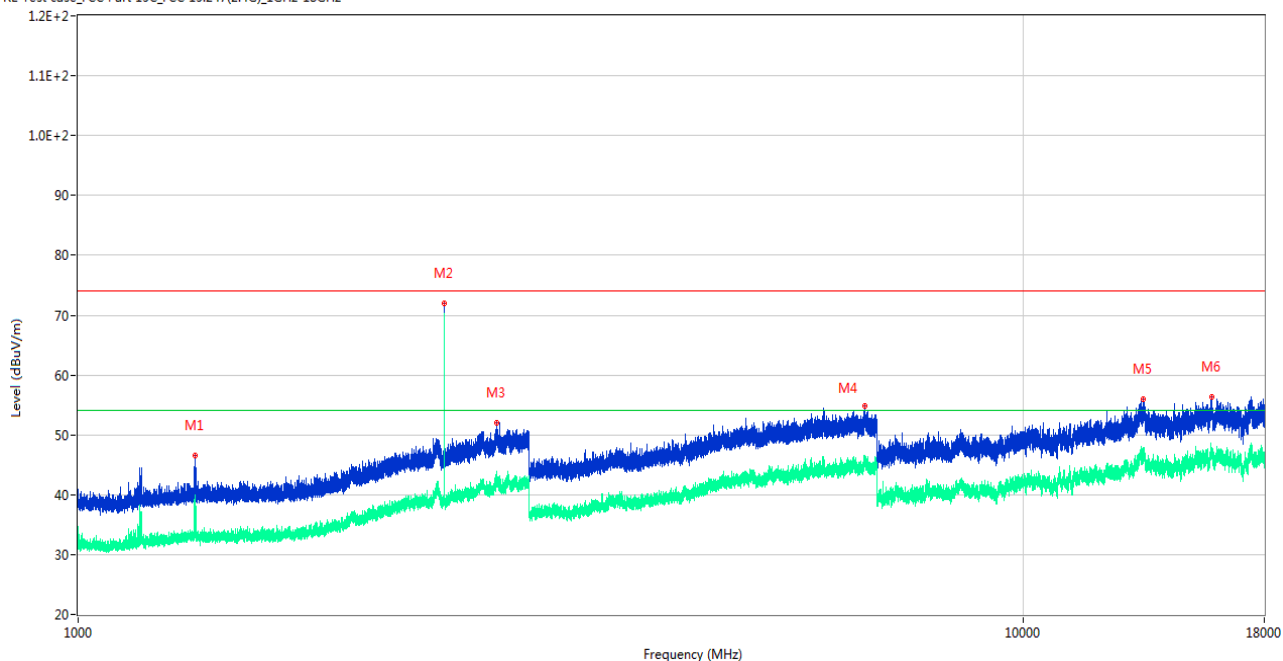
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	45.20	-17.04	74.0	28.80	Peak	163.00	100	Horizontal	Pass
1**	1329.300	36.26	-17.04	54.0	17.74	AV	163.00	100	Horizontal	Pass
2	2441.100	72.80	-12.38	74.0	1.20	Peak	150.00	100	Horizontal	N/A
2**	2441.100	70.55	-12.38	54.0	-16.55	AV	150.00	100	Horizontal	N/A
3	4972.200	52.14	-1.60	74.0	21.86	Peak	208.00	100	Horizontal	Pass
3**	4972.200	42.66	-1.60	54.0	11.34	AV	208.00	100	Horizontal	Pass
4	6807.200	55.05	2.09	74.0	18.95	Peak	197.00	300	Horizontal	Pass
4**	6807.200	45.91	2.09	54.0	8.09	AV	197.00	300	Horizontal	Pass
5	13444.575	55.58	0.56	74.0	18.42	Peak	72.00	150	Horizontal	Pass
5**	13444.575	46.67	0.56	54.0	7.33	AV	72.00	150	Horizontal	Pass
6	16575.412	56.56	0.93	74.0	17.44	Peak	189.00	100	Horizontal	Pass
6**	16575.412	46.22	0.93	54.0	7.78	AV	189.00	100	Horizontal	Pass

$\pi/4$ -DQPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

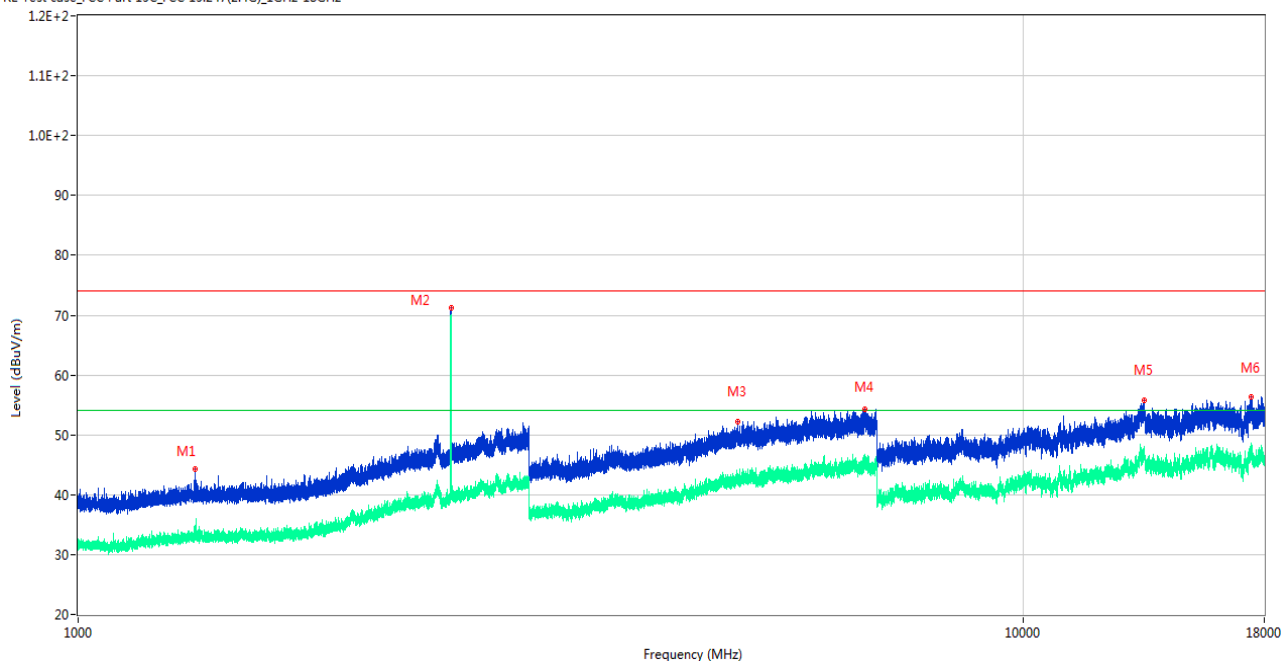
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	46.63	-17.04	74.0	27.37	Peak	246.00	100	Vertical	Pass
1**	1331.400	33.99	-17.04	54.0	20.01	AV	246.00	100	Vertical	Pass
2	2441.100	72.02	-12.38	74.0	1.98	Peak	163.00	150	Vertical	N/A
2**	2441.100	69.83	-12.38	54.0	-15.83	AV	163.00	150	Vertical	N/A
3	2770.100	52.01	-8.56	74.0	21.99	Peak	163.00	100	Vertical	Pass
3**	2770.100	42.55	-8.56	54.0	11.45	AV	163.00	100	Vertical	Pass
4	6806.600	54.76	2.28	74.0	19.24	Peak	8.00	400	Vertical	Pass
4**	6806.600	46.22	2.28	54.0	7.78	AV	8.00	400	Vertical	Pass
5	13414.125	55.99	0.43	74.0	18.01	Peak	132.00	150	Vertical	Pass
5**	13414.125	46.74	0.43	54.0	7.26	AV	132.00	150	Vertical	Pass
6	15859.838	56.41	0.93	74.0	17.59	Peak	273.00	100	Vertical	Pass
6**	15859.838	46.29	0.93	54.0	7.71	AV	273.00	100	Vertical	Pass

$\pi/4$ -DQPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

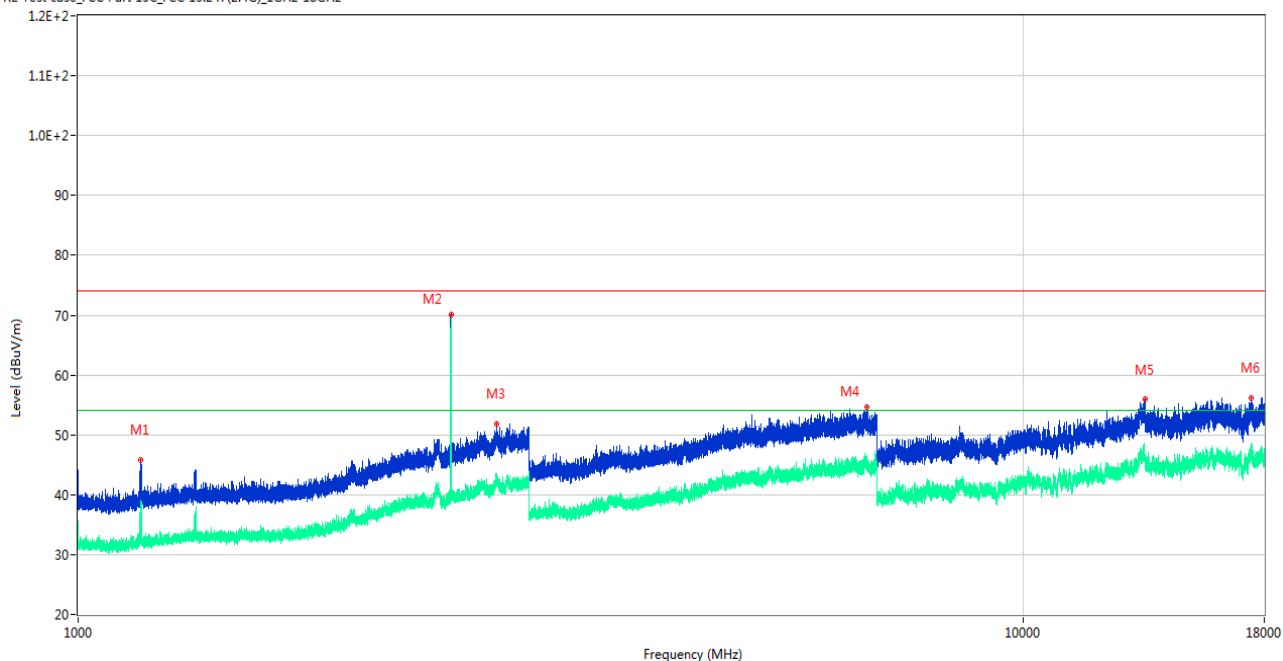
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	44.34	-17.04	74.0	29.66	Peak	158.00	200	Horizontal	Pass
1**	1329.300	34.92	-17.04	54.0	19.08	AV	158.00	200	Horizontal	Pass
2	2480.000	71.23	-11.30	74.0	2.77	Peak	1.00	100	Horizontal	N/A
2**	2480.000	69.25	-11.30	54.0	-15.25	AV	1.00	100	Horizontal	N/A
3	4987.800	52.25	-2.25	74.0	21.75	Peak	291.00	100	Horizontal	Pass
3**	4987.800	42.42	-2.25	54.0	11.58	AV	291.00	100	Horizontal	Pass
4	6807.600	54.36	1.96	74.0	19.64	Peak	313.00	200	Horizontal	Pass
4**	6807.600	45.72	1.96	54.0	8.28	AV	313.00	200	Horizontal	Pass
5	13432.500	55.76	0.41	74.0	18.24	Peak	95.00	150	Horizontal	Pass
5**	13432.500	47.38	0.41	54.0	6.62	AV	95.00	150	Horizontal	Pass
6	17438.251	56.27	3.10	74.0	17.73	Peak	55.00	100	Horizontal	Pass
6**	17438.251	47.26	3.10	54.0	6.74	AV	55.00	100	Horizontal	Pass

$\pi/4$ -DQPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

RE Test case_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	1165.200	45.80	-17.59	74.0	28.20	Peak	60.00	200	Vertical	Pass
1**	1165.200	33.04	-17.59	54.0	20.96	AV	60.00	200	Vertical	Pass
2	2479.900	70.17	-11.32	74.0	3.83	Peak	169.00	100	Vertical	N/A
2**	2479.900	69.46	-11.32	54.0	-15.46	AV	169.00	100	Vertical	N/A
3	2771.600	51.92	-8.52	74.0	22.08	Peak	208.00	100	Vertical	Pass
3**	2771.600	42.96	-8.52	54.0	11.04	AV	208.00	100	Vertical	Pass
4	6840.000	54.64	0.83	74.0	19.36	Peak	150.00	300	Vertical	Pass
4**	6840.000	44.47	0.83	54.0	9.53	AV	150.00	300	Vertical	Pass
5	13455.337	55.92	0.65	74.0	18.08	Peak	37.00	150	Vertical	Pass
5**	13455.337	46.72	0.65	54.0	7.28	AV	37.00	150	Vertical	Pass
6	17427.489	56.22	3.54	74.0	17.78	Peak	58.00	300	Vertical	Pass
6**	17427.489	47.22	3.54	54.0	6.78	AV	58.00	300	Vertical	Pass

A.9 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.

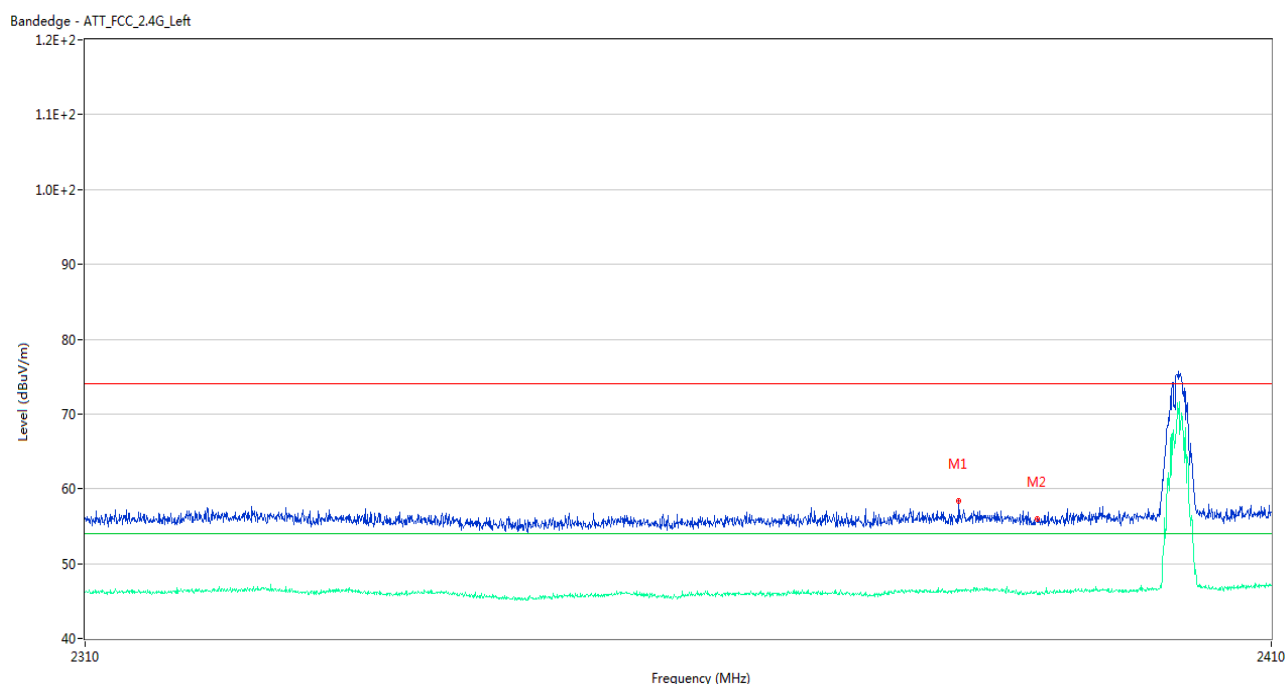
Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: The Level (dBuV/m) has been corrected by factor.

Test Data and Plots

Left Ear

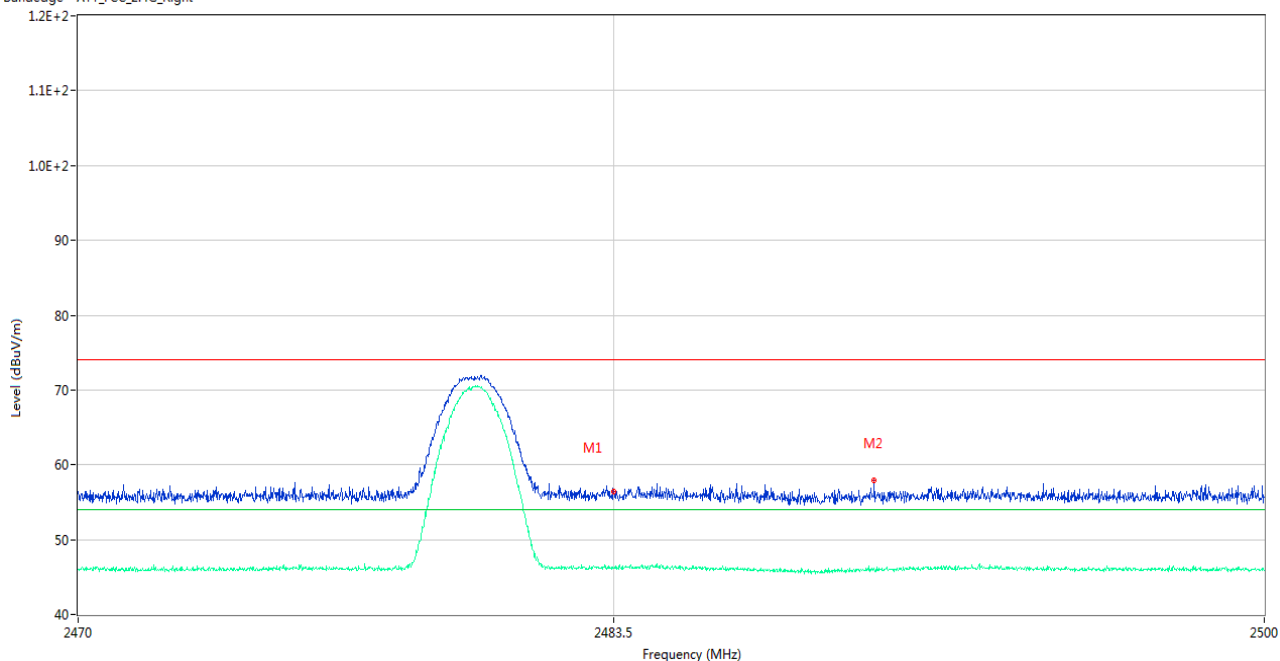
GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.250	58.35	2.27	74.0	15.65	Peak	116.00	150	Horizontal	Pass
1**	2383.250	46.30	2.27	54.0	7.70	AV	116.00	150	Horizontal	Pass
2	2389.950	55.96	1.92	74.0	18.04	Peak	27.00	200	Horizontal	Pass
2**	2389.950	45.87	1.92	54.0	8.13	AV	27.00	200	Horizontal	Pass

GFSK HIGH CHANNEL

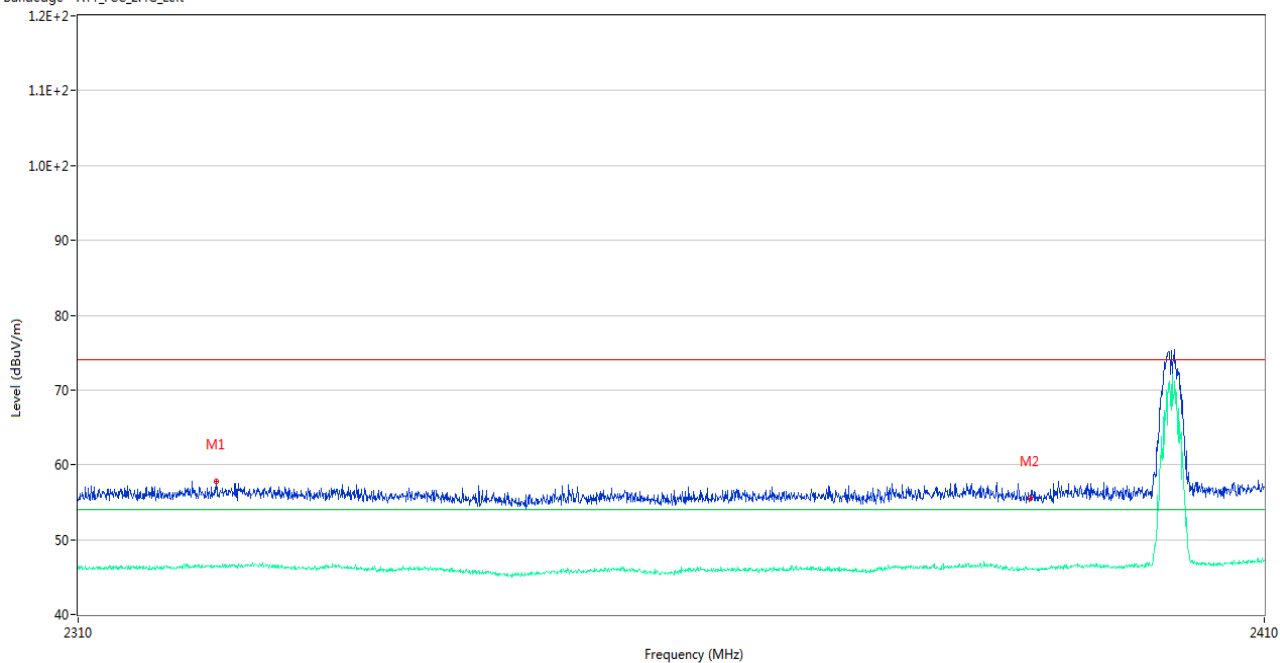
Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.43	2.11	74.0	17.57	Peak	114.00	150	Horizontal	Pass
1**	2483.500	46.18	2.11	54.0	7.82	AV	114.00	150	Horizontal	Pass
2	2490.100	57.90	1.72	74.0	16.10	Peak	246.00	200	Horizontal	Pass
2**	2490.100	46.15	1.72	54.0	7.85	AV	246.00	200	Horizontal	Pass

$\pi/4$ -DQPSK LOW CHANNEL

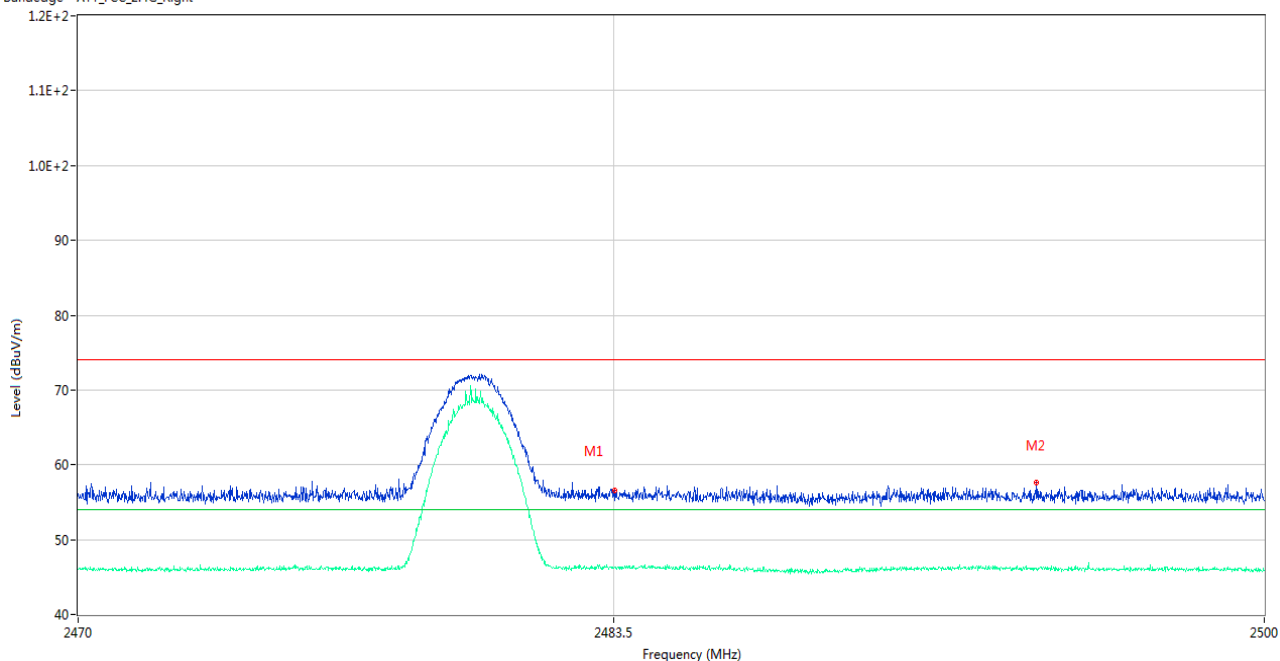
Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2321.400	57.74	1.62	74.0	16.26	Peak	24.00	200	Horizontal	Pass
1**	2321.400	46.49	1.62	54.0	7.51	AV	24.00	200	Horizontal	Pass
2	2389.950	55.48	1.92	74.0	18.52	Peak	42.00	150	Horizontal	Pass
2**	2389.950	46.18	1.92	54.0	7.82	AV	42.00	150	Horizontal	Pass

$\pi/4$ -DQPSK HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right

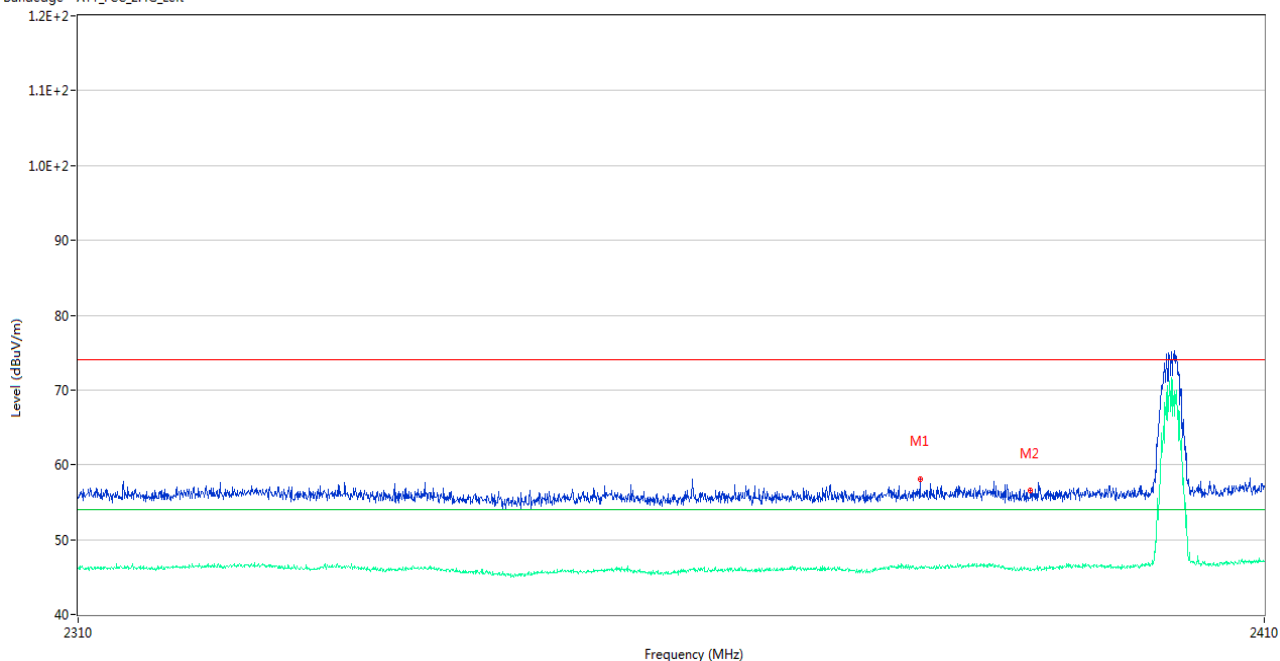


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	56.50	2.11	74.0	17.50	Peak	183.00	150	Horizontal	Pass
1**	2483.530	46.30	2.11	54.0	7.70	AV	183.00	150	Horizontal	Pass
2	2494.210	57.66	1.80	74.0	16.34	Peak	220.00	150	Horizontal	Pass
2**	2494.210	46.19	1.80	54.0	7.81	AV	220.00	150	Horizontal	Pass

Right Ear

GFSK LOW CHANNEL

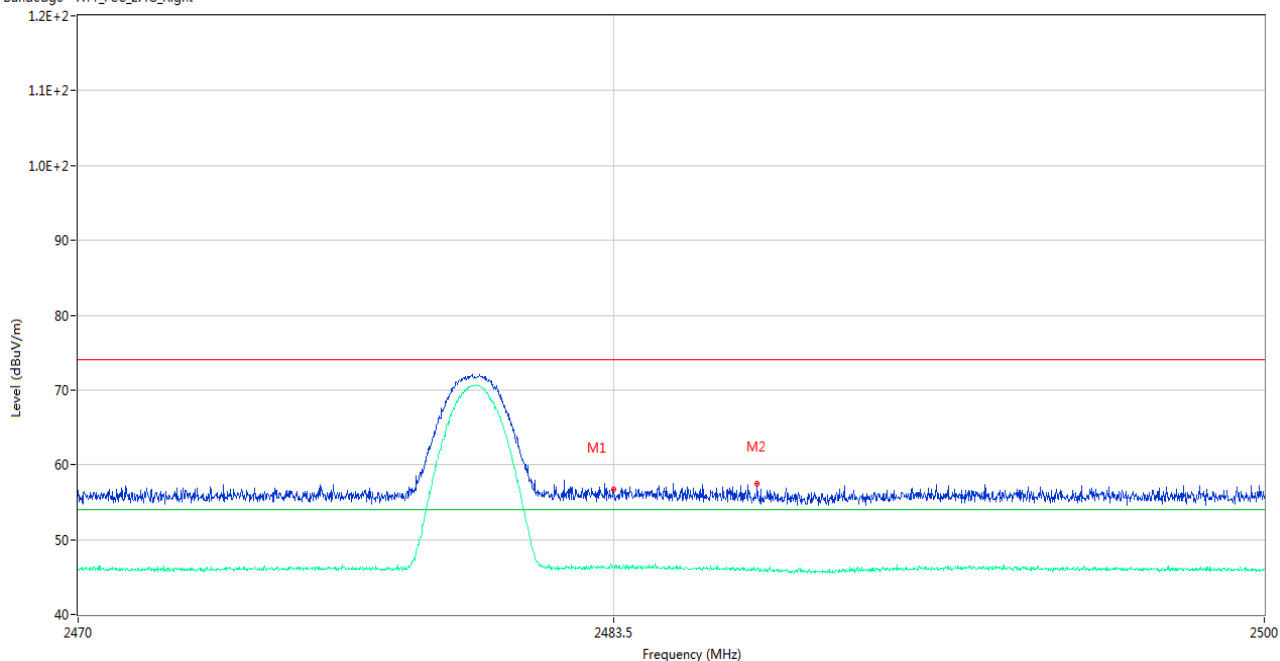
Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2380.550	58.13	2.23	74.0	15.87	Peak	285.00	150	Horizontal	Pass
1**	2380.550	46.20	2.23	54.0	7.80	AV	285.00	150	Horizontal	Pass
2	2389.950	56.60	1.92	74.0	17.40	Peak	335.00	150	Horizontal	Pass
2**	2389.950	46.16	1.92	54.0	7.84	AV	335.00	150	Horizontal	Pass

GFSK HIGH CHANNEL

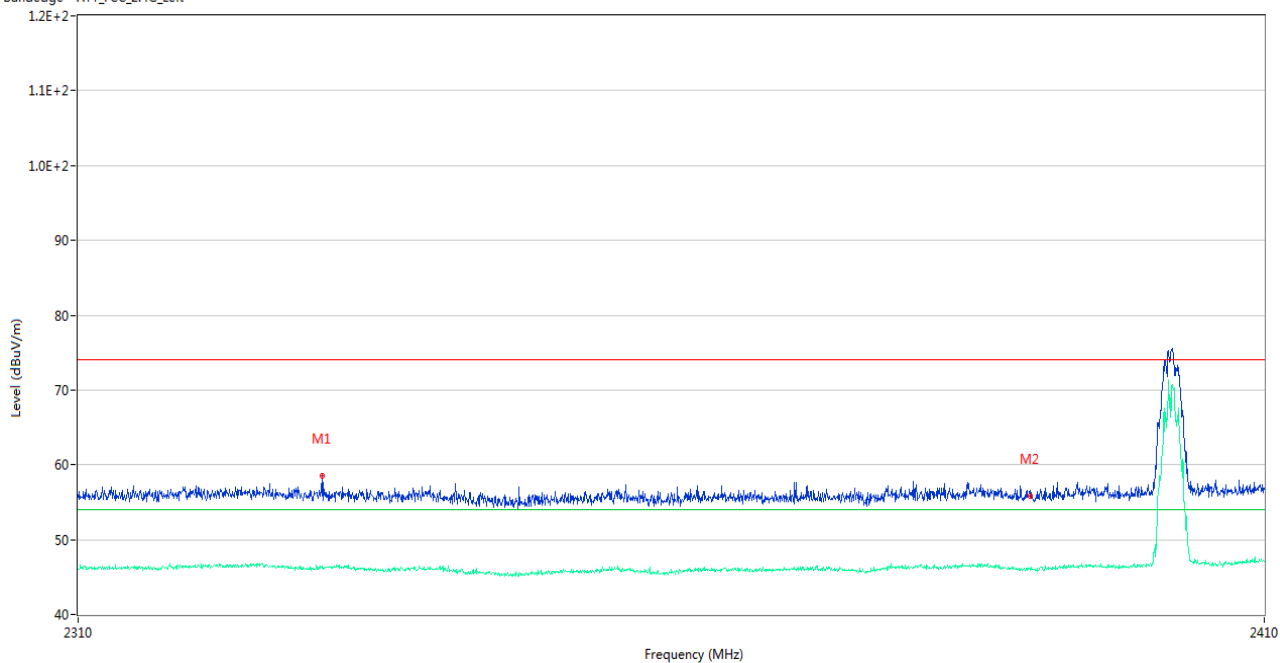
Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.78	2.11	74.0	17.22	Peak	244.00	150	Horizontal	Pass
1**	2483.500	46.24	2.11	54.0	7.76	AV	244.00	150	Horizontal	Pass
2	2487.130	57.45	1.75	74.0	16.55	Peak	158.00	150	Horizontal	Pass
2**	2487.130	46.12	1.75	54.0	7.88	AV	158.00	150	Horizontal	Pass

$\pi/4$ -DQPSK LOW CHANNEL

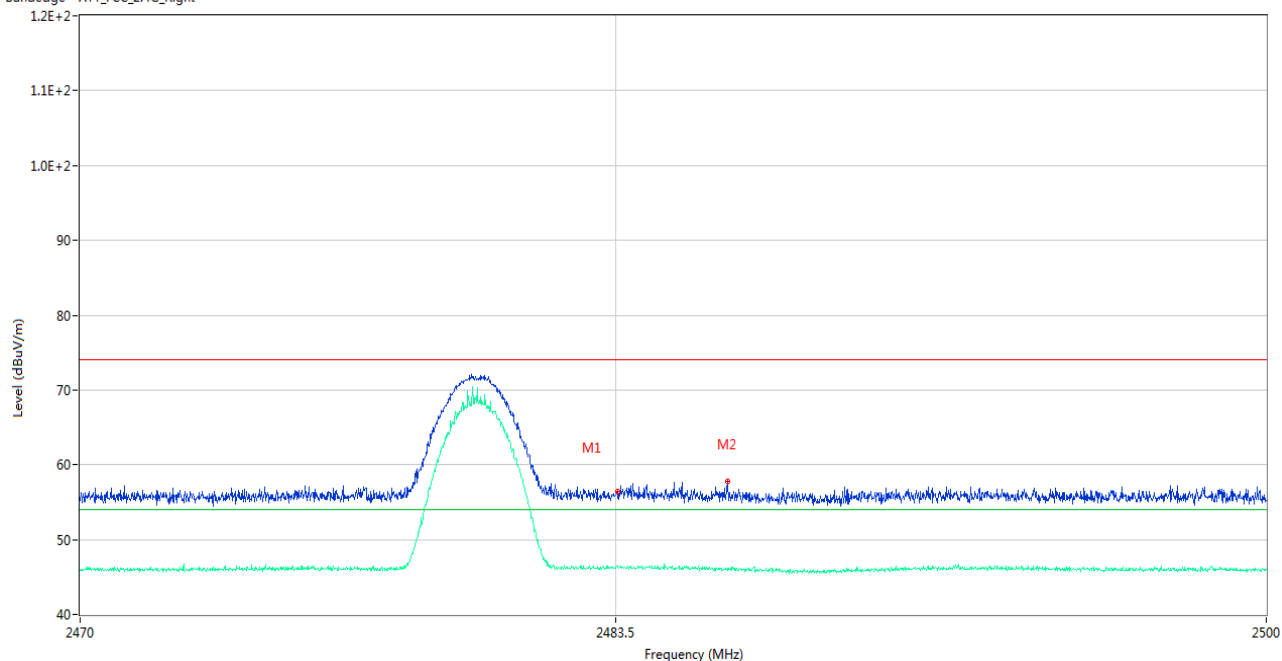
Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2330.200	58.55	1.37	74.0	15.45	Peak	65.00	150	Horizontal	Pass
1**	2330.200	46.22	1.37	54.0	7.78	AV	65.00	150	Horizontal	Pass
2	2389.950	55.85	1.92	74.0	18.15	Peak	199.00	150	Horizontal	Pass
2**	2389.950	45.90	1.92	54.0	8.10	AV	199.00	150	Horizontal	Pass

$\pi/4$ -DQPSK HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	56.38	2.11	74.0	17.62	Peak	44.00	150	Horizontal	Pass
1**	2483.545	46.29	2.11	54.0	7.71	AV	44.00	150	Horizontal	Pass
2	2486.320	57.71	1.90	74.0	16.29	Peak	297.00	150	Horizontal	Pass
2**	2486.320	46.12	1.90	54.0	7.88	AV	297.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2440692-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2440692-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2440692-AI.PDF”.

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--END OF REPORT--