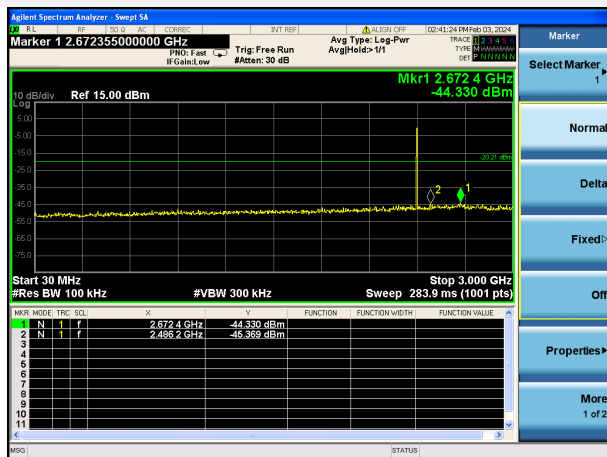


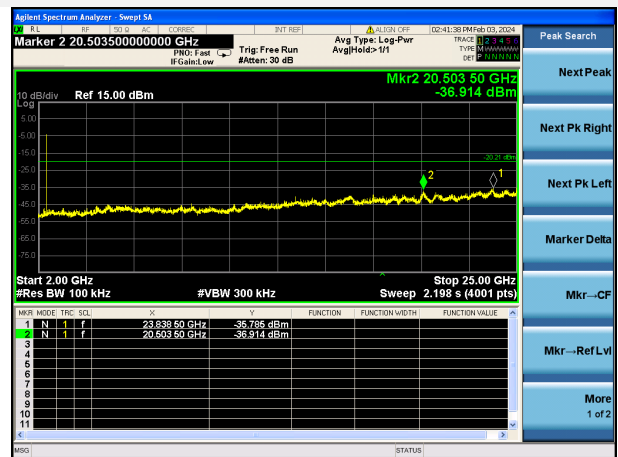
GFSK (BLE Coded S8) LOW CHANNEL, CARRIER LEVEL



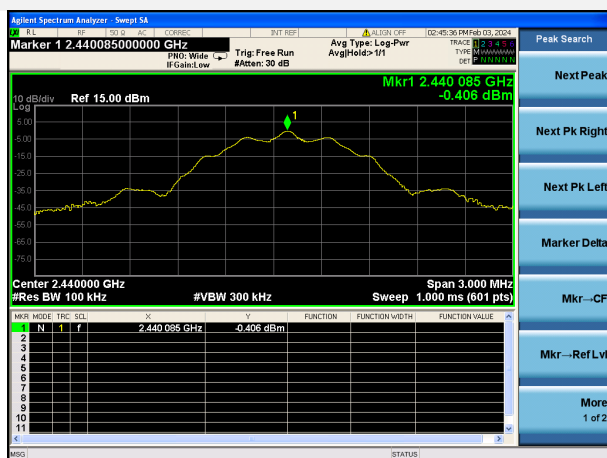
GFSK (BLE Coded S8) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



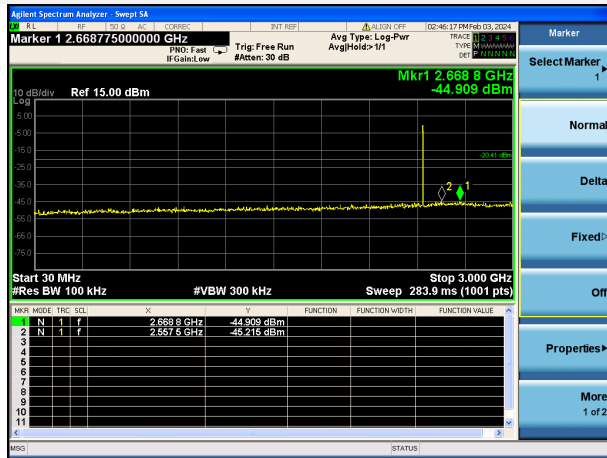
GFSK (BLE Coded S8) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



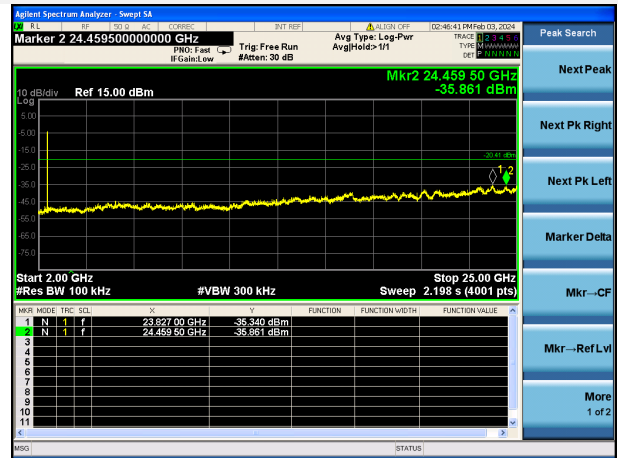
GFSK (BLE Coded S8) MIDDLE CHANNEL, CARRIER LEVEL



GFSK (BLE Coded S8) MIDDLE CHANNEL,
SPURIOUS 30 MHz ~ 3 GHz



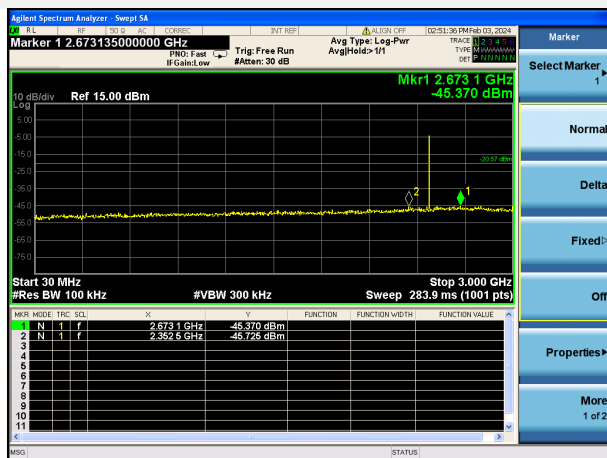
GFSK (BLE Coded S8) MIDDLE CHANNEL,
SPURIOUS 2 GHz ~ 25 GHz



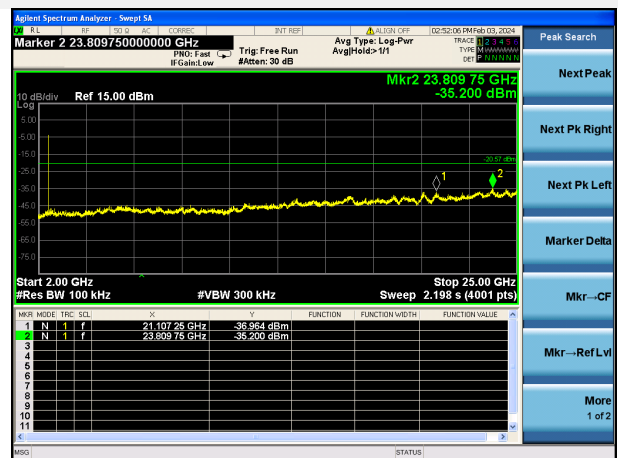
GFSK (BLE Coded S8) HIGH CHANNEL,
CARRIER LEVEL



GFSK (BLE Coded S8) HIGH CHANNEL,
SPURIOUS 30 MHz ~ 3 GHz



GFSK (BLE Coded S8) HIGH CHANNEL,
SPURIOUS 2 GHz ~ 25 GHz



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

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

Test Data

GFSK (BLE 1Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-44.41	0.02	-19.98	Pass
High Channel	-45.90	-0.16	-20.16	Pass

GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-48.10	0.06	-19.94	Pass
High Channel	-48.65	-0.10	-20.10	Pass

GFSK (BLE Coded S2)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-44.66	0.01	-19.99	Pass
High Channel	-47.66	-0.54	-20.54	Pass

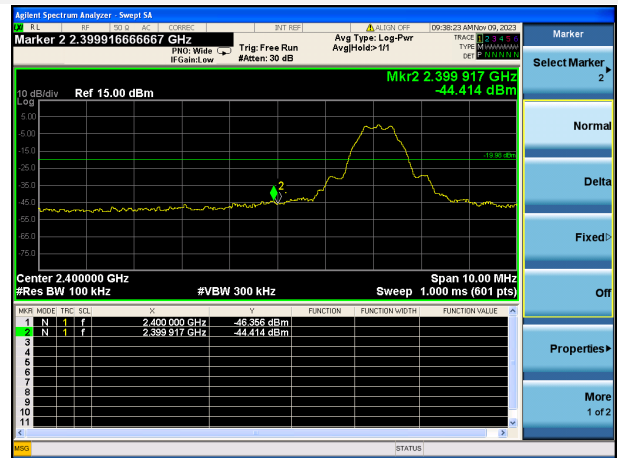
GFSK (BLE Coded S8)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-45.02	-0.21	-20.21	Pass
High Channel	-46.97	-0.57	-20.57	Pass

Test Plots

GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



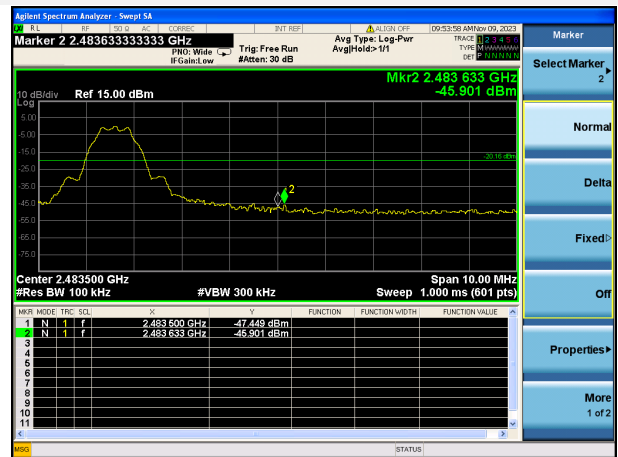
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



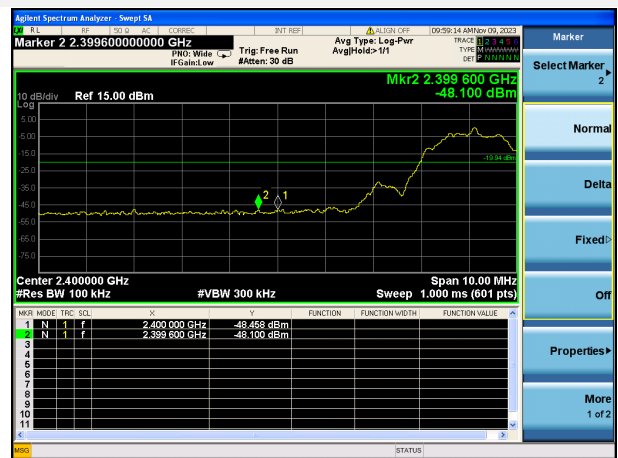
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



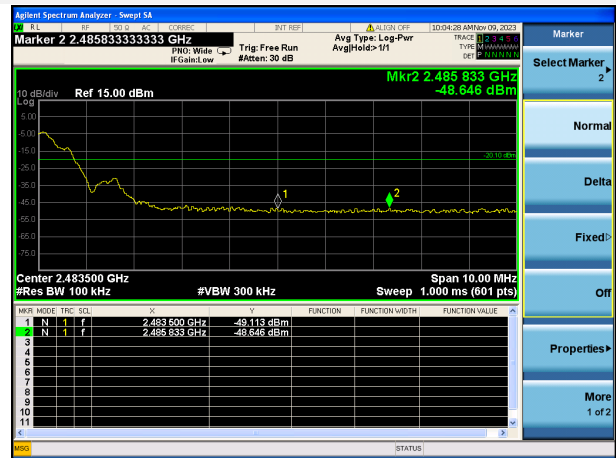
GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



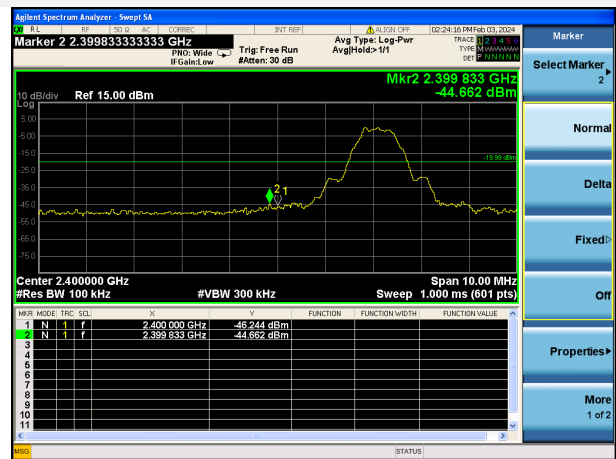
GFSK (BLE 2Mbps) HIGH CHANNEL, BAND EDGE



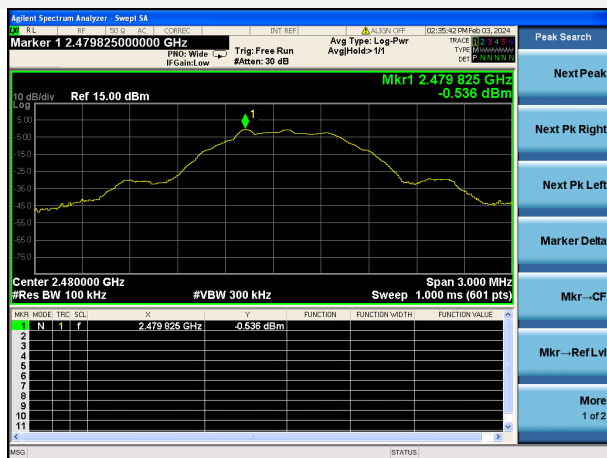
GFSK (BLE Coded S2) LOW CHANNEL, CARRIER LEVEL



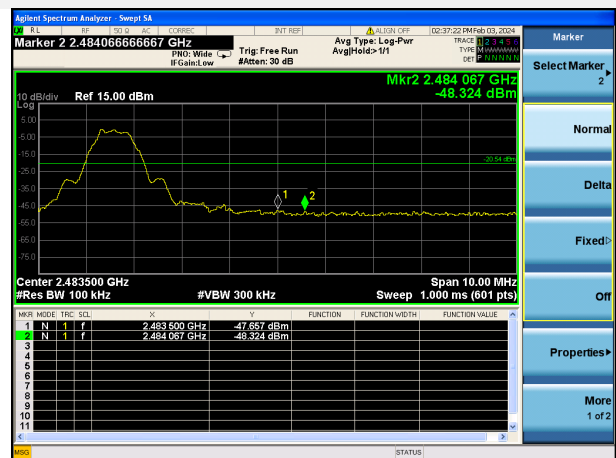
GFSK (BLE Coded S2) LOW CHANNEL, BAND EDGE



GFSK (BLE Coded S2) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE Coded S2) HIGH CHANNEL, BAND EDGE



GFSK (BLE Coded S8) LOW CHANNEL, CARRIER LEVEL



GFSK (BLE Coded S8) LOW CHANNEL, BAND EDGE



GFSK (BLE Coded S8) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE Coded S8) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

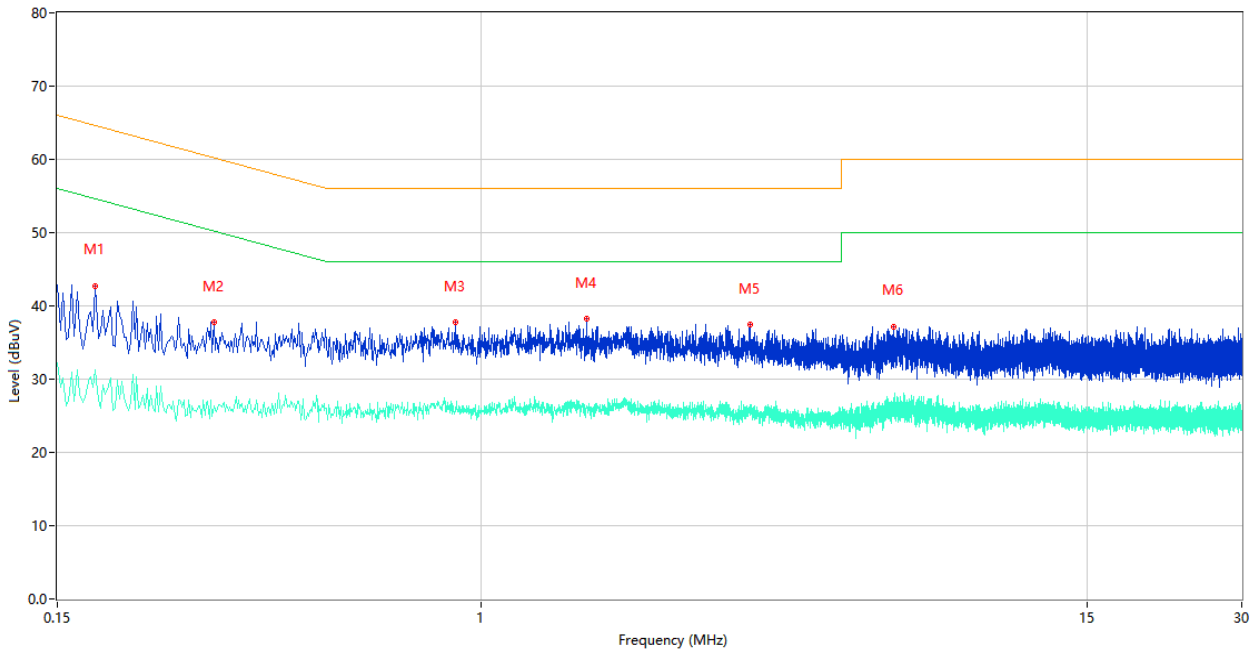
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

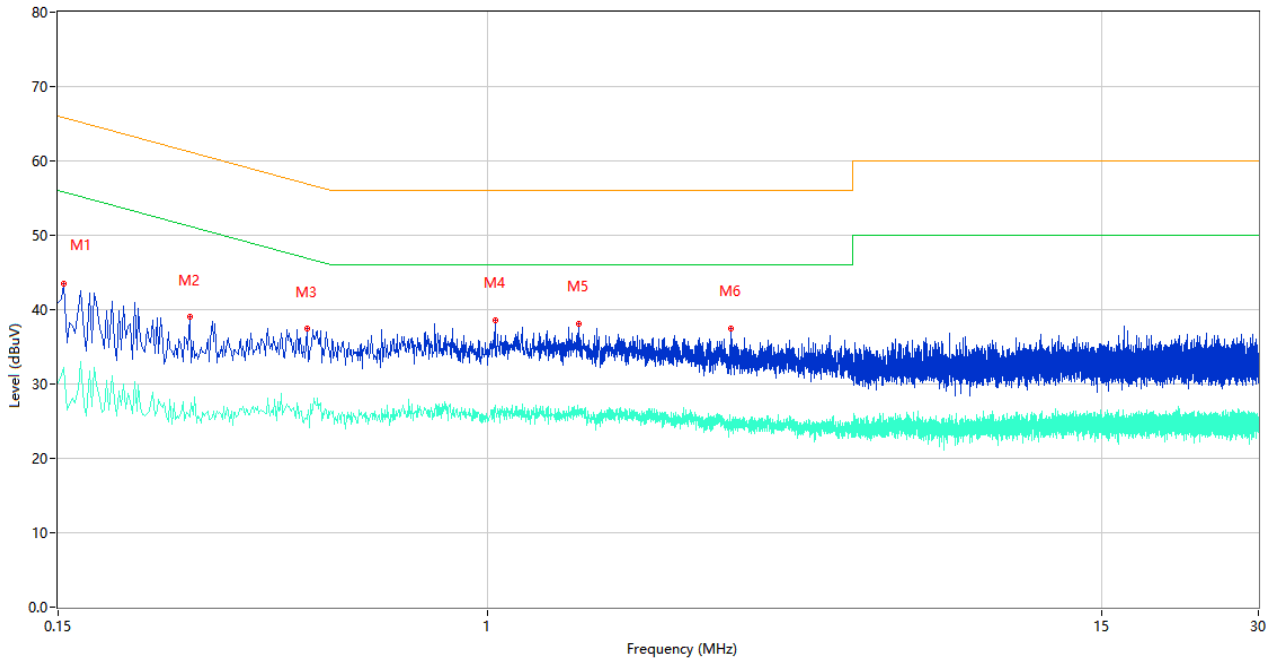
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	42.76	9.78	64.58	21.82	Peak	L	Pass
1**	0.178	31.29	9.78	54.58	23.29	AV	L	Pass
2	0.302	37.73	9.80	60.19	22.46	Peak	L	Pass
2**	0.302	26.39	9.80	50.19	23.80	AV	L	Pass
3	0.892	37.75	10.24	56.00	18.25	Peak	L	Pass
3**	0.892	25.55	10.24	46.00	20.45	AV	L	Pass
4	1.604	38.18	9.87	56.00	17.82	Peak	L	Pass
4**	1.604	26.32	9.87	46.00	19.68	AV	L	Pass
5	3.330	37.41	10.41	56.00	18.59	Peak	L	Pass
5**	3.330	26.47	10.41	46.00	19.53	AV	L	Pass
6	6.318	37.15	10.22	60.00	22.85	Peak	L	Pass
6**	6.318	25.74	10.22	50.00	24.26	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	43.53	9.78	65.78	22.25	Peak	N	Pass
1**	0.154	32.21	9.78	55.78	23.57	AV	N	Pass
2	0.268	39.02	9.76	61.18	22.16	Peak	N	Pass
2**	0.268	25.54	9.76	51.18	25.64	AV	N	Pass
3	0.450	37.41	10.03	56.88	19.47	Peak	N	Pass
3**	0.450	25.17	10.03	46.88	21.71	AV	N	Pass
4	1.032	38.59	10.10	56.00	17.41	Peak	N	Pass
4**	1.032	27.17	10.10	46.00	18.83	AV	N	Pass
5	1.492	38.15	10.24	56.00	17.85	Peak	N	Pass
5**	1.492	26.46	10.24	46.00	19.54	AV	N	Pass
6	2.930	37.51	10.12	56.00	18.49	Peak	N	Pass
6**	2.930	24.84	10.12	46.00	21.16	AV	N	Pass

A.6 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 C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

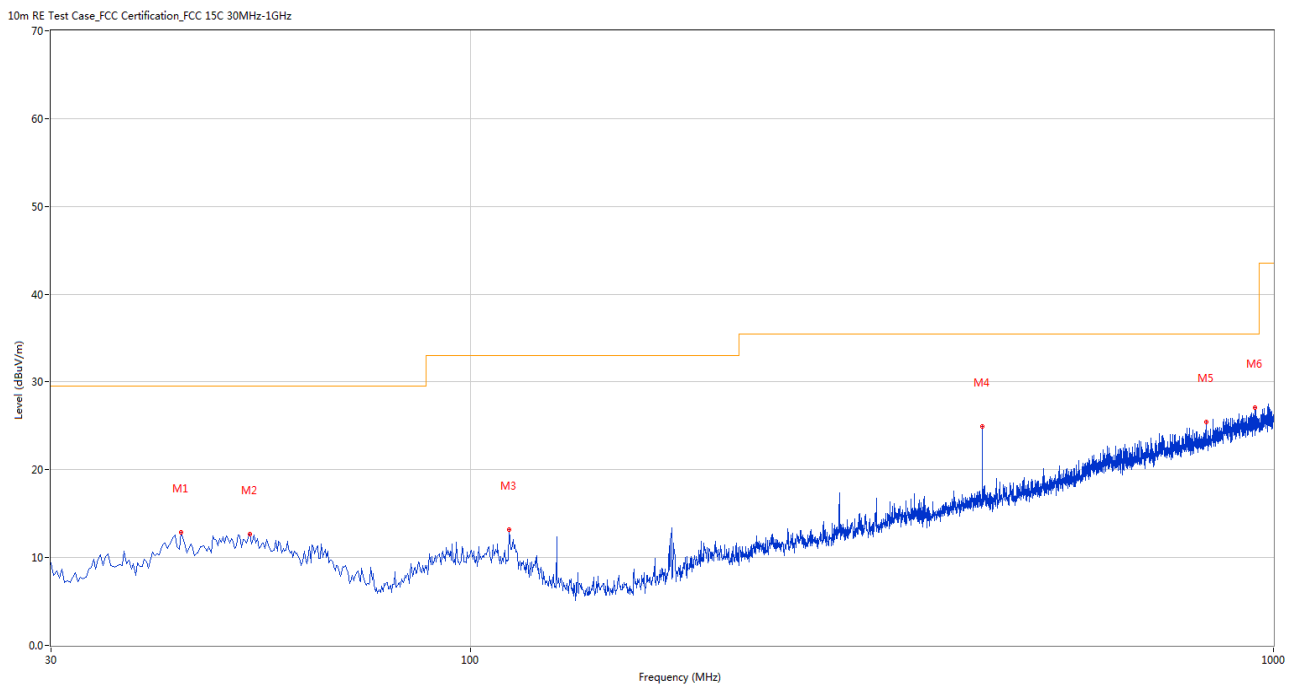
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and BLE 2M-Low channel mode is the worst.

Note ⁵: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

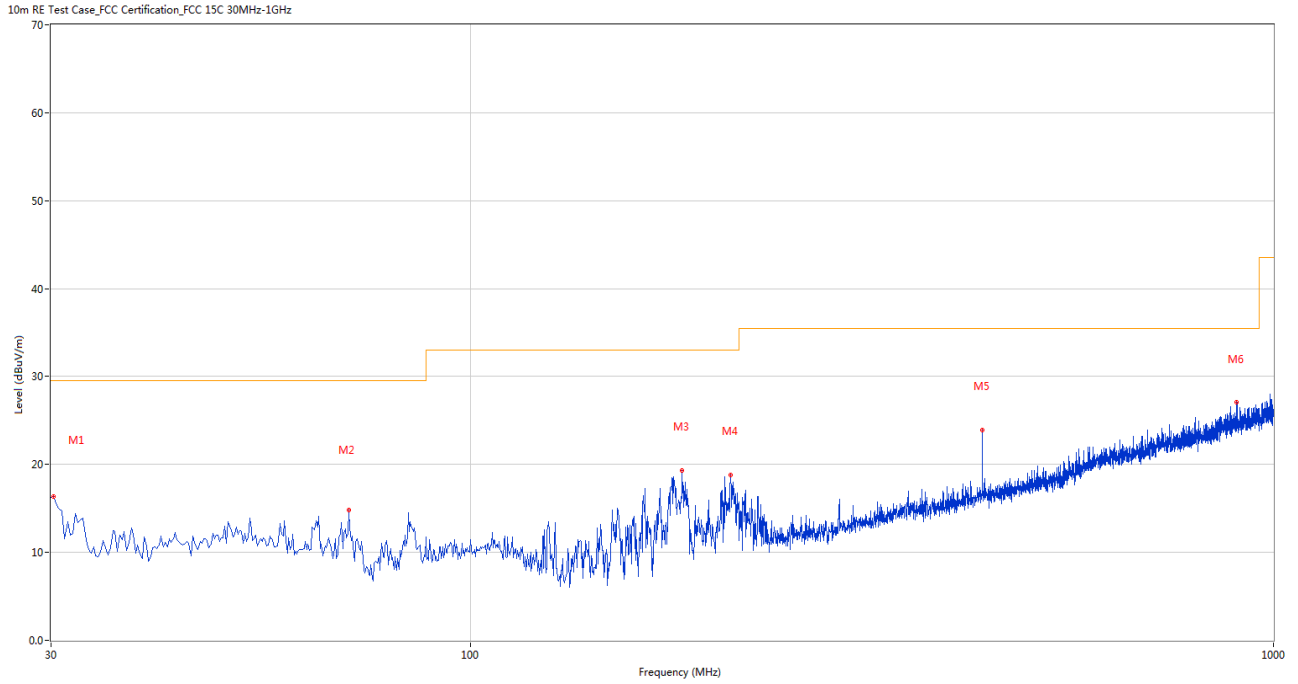
Test Data and Plots

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	43.577	12.90	-26.32	29.5	16.60	Peak	6.00	200	Horizontal	Pass
2	53.032	12.68	-26.38	29.5	16.82	Peak	357.00	100	Horizontal	Pass
3	111.702	13.15	-28.42	33.0	19.85	Peak	212.00	100	Horizontal	Pass
4	433.904	24.96	-21.75	35.5	10.54	Peak	44.00	100	Horizontal	Pass
5	823.989	25.49	-13.98	35.5	10.01	Peak	75.00	100	Horizontal	Pass
6	948.845	27.11	-11.99	35.5	8.39	Peak	58.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



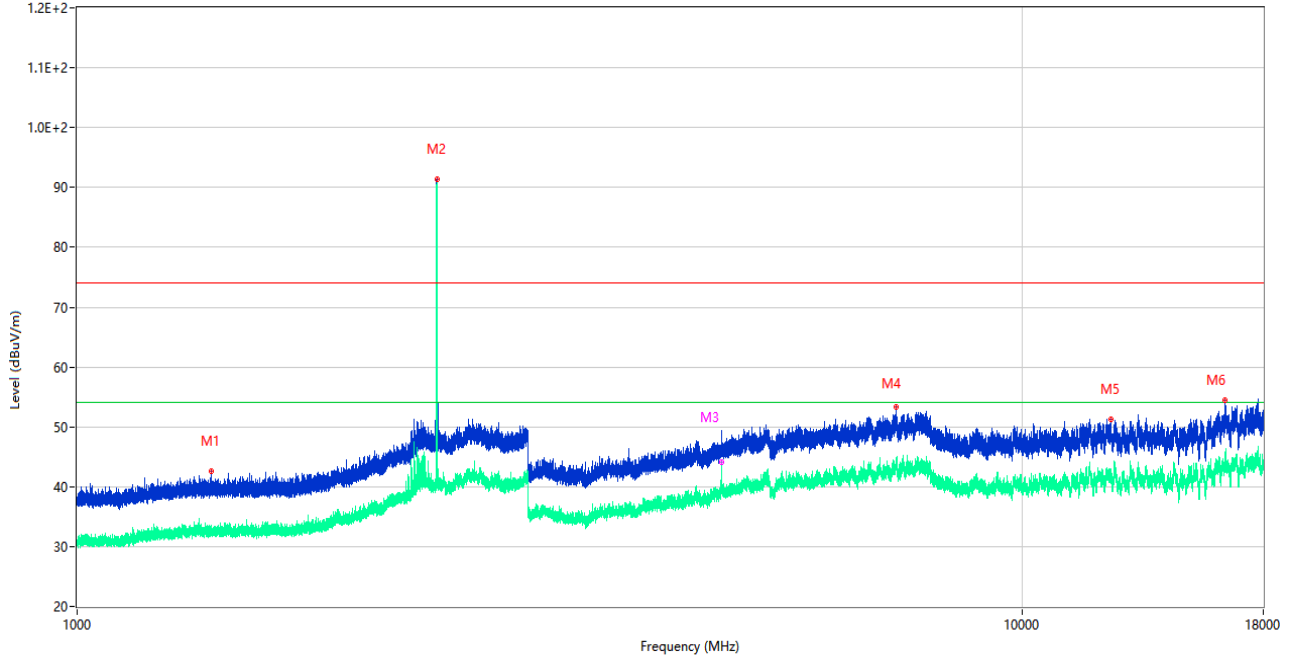
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.242	16.37	-29.40	29.5	13.13	Peak	300.00	200	Vertical	Pass
2	70.487	14.79	-30.73	29.5	14.71	Peak	206.00	100	Vertical	Pass
3	183.464	19.30	-29.35	33.0	13.70	Peak	197.00	100	Vertical	Pass
4	210.860	18.79	-28.00	33.0	14.21	Peak	240.00	100	Vertical	Pass
5	433.904	23.91	-21.75	35.5	11.59	Peak	62.00	200	Vertical	Pass
6	899.145	27.03	-12.78	35.5	8.47	Peak	360.00	200	Vertical	Pass

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

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

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H

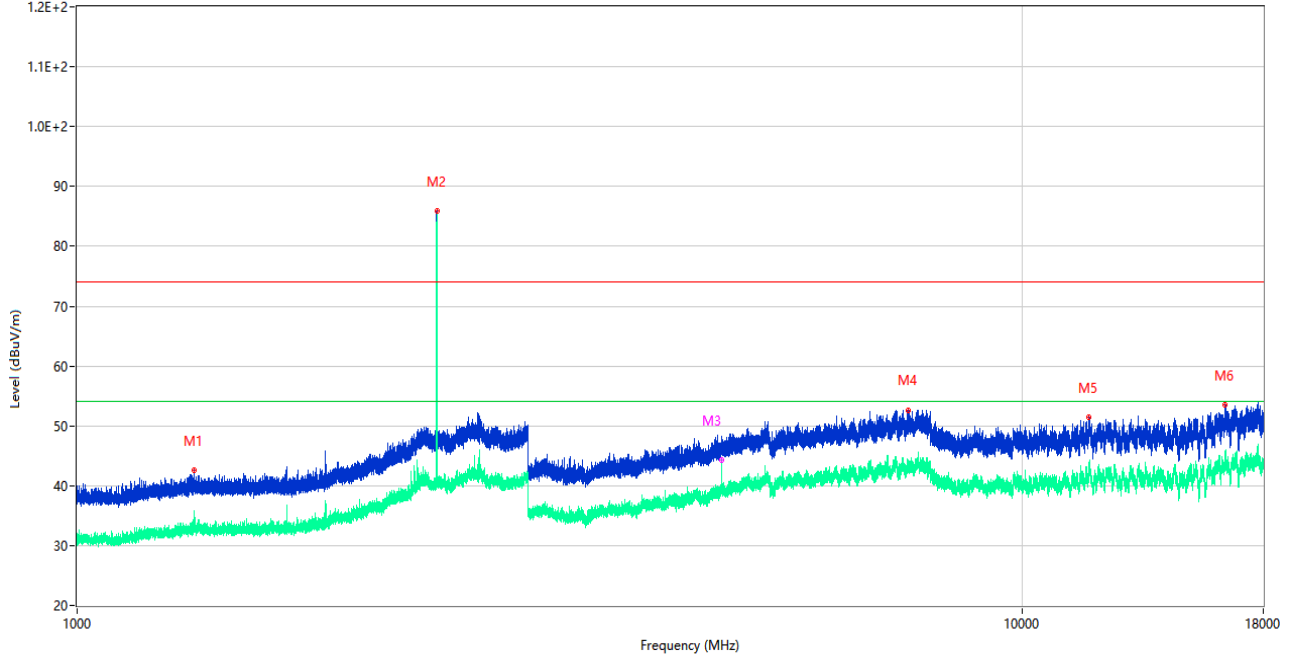
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1386.900	42.63	-17.13	74.0	31.37	Peak	205.00	100	Horizontal	Pass
1**	1386.900	32.46	-17.13	54.0	21.54	AV	205.00	100	Horizontal	Pass
2	2401.800	91.47	-10.63	74.0	-17.47	Peak	104.00	100	Horizontal	N/A
2**	2401.800	88.78	-10.63	54.0	-34.78	AV	104.00	100	Horizontal	N/A
3	4804.000	48.38	-3.32	74.0	25.62	Peak	19.00	100	Horizontal	Pass
3**	4804.000	44.03	-3.32	54.0	9.97	AV	19.00	100	Horizontal	Pass
4	7357.250	53.33	0.91	74.0	20.67	Peak	202.00	400	Horizontal	Pass
4**	7357.250	44.93	0.91	54.0	9.07	AV	202.00	400	Horizontal	Pass
5	12420.350	51.34	1.08	74.0	22.66	Peak	128.00	300	Horizontal	Pass
5**	12420.350	41.60	1.08	54.0	12.40	AV	128.00	300	Horizontal	Pass
6	16413.449	54.43	2.99	74.0	19.57	Peak	309.00	300	Horizontal	Pass
6**	16413.449	44.59	2.99	54.0	9.41	AV	309.00	300	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

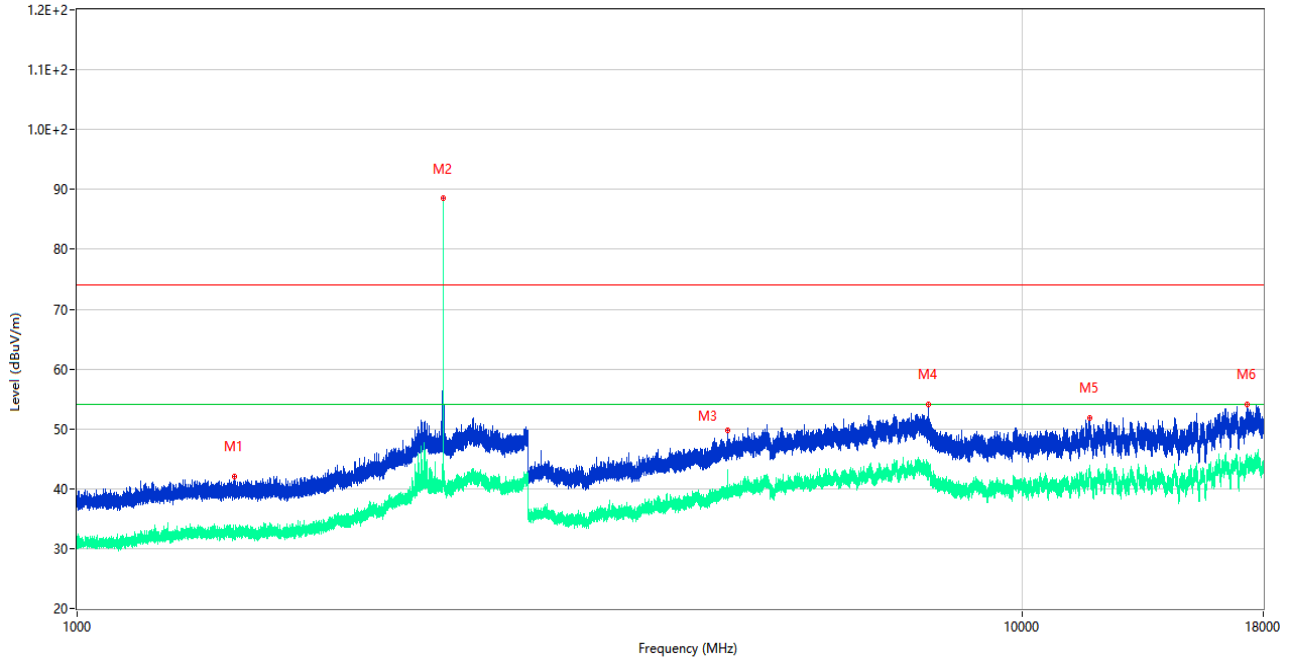
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	42.58	-17.07	74.0	31.42	Peak	17.00	200	Vertical	Pass
1**	1328.300	32.78	-17.07	54.0	21.22	AV	17.00	200	Vertical	Pass
2	2402.300	85.86	-10.58	74.0	-11.86	Peak	216.00	100	Vertical	N/A
2**	2402.300	84.72	-10.58	54.0	-30.72	AV	216.00	100	Vertical	N/A
3	4804.000	47.96	-3.32	74.0	26.04	Peak	87.00	100	Vertical	Pass
3**	4804.000	44.29	-3.32	54.0	9.71	AV	87.00	100	Vertical	Pass
4	7582.500	52.65	0.58	74.0	21.35	Peak	0.00	100	Vertical	Pass
4**	7582.500	43.20	0.58	54.0	10.80	AV	0.00	100	Vertical	Pass
5	11771.263	51.41	-0.17	74.0	22.59	Peak	26.00	300	Vertical	Pass
5**	11771.263	42.12	-0.17	54.0	11.88	AV	26.00	300	Vertical	Pass
6	16411.350	53.47	3.02	74.0	20.53	Peak	28.00	300	Vertical	Pass
6**	16411.350	44.72	3.02	54.0	9.28	AV	28.00	300	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

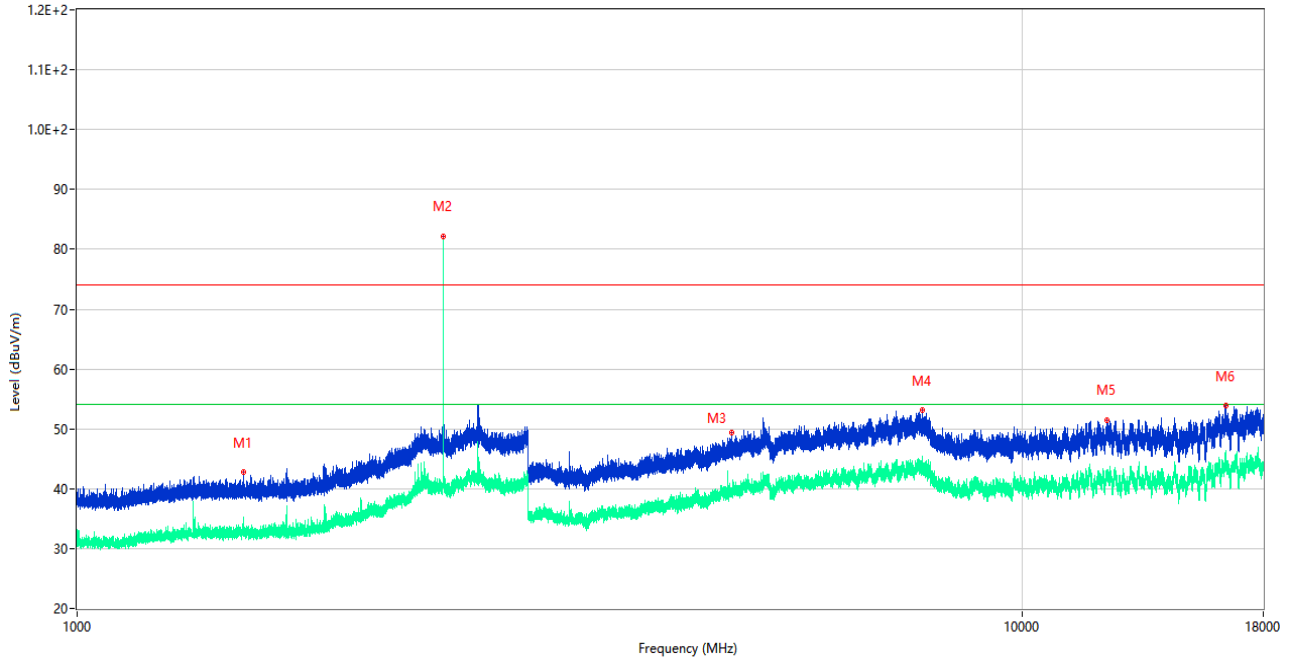
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.700	42.04	-17.34	74.0	31.96	Peak	42.00	400	Horizontal	Pass
1**	1466.700	32.08	-17.34	54.0	21.92	AV	42.00	400	Horizontal	Pass
2	2440.300	88.53	-10.03	74.0	-14.53	Peak	117.00	200	Horizontal	N/A
2**	2440.300	88.09	-10.03	54.0	-34.09	AV	117.00	200	Horizontal	N/A
3	4880.000	49.72	-3.67	74.0	24.28	Peak	0.00	150	Horizontal	Pass
3**	4880.000	42.50	-3.67	54.0	11.50	AV	0.00	150	Horizontal	Pass
4	7967.750	54.13	1.96	74.0	19.87	Peak	196.00	200	Horizontal	Pass
4**	7967.750	42.99	1.96	54.0	11.01	AV	196.00	200	Horizontal	Pass
5	11789.312	51.86	-0.16	74.0	22.14	Peak	144.00	300	Horizontal	Pass
5**	11789.312	43.01	-0.16	54.0	10.99	AV	144.00	300	Horizontal	Pass
6	17324.587	54.08	2.86	74.0	19.92	Peak	223.00	200	Horizontal	Pass
6**	17324.587	44.29	2.86	54.0	9.71	AV	223.00	200	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

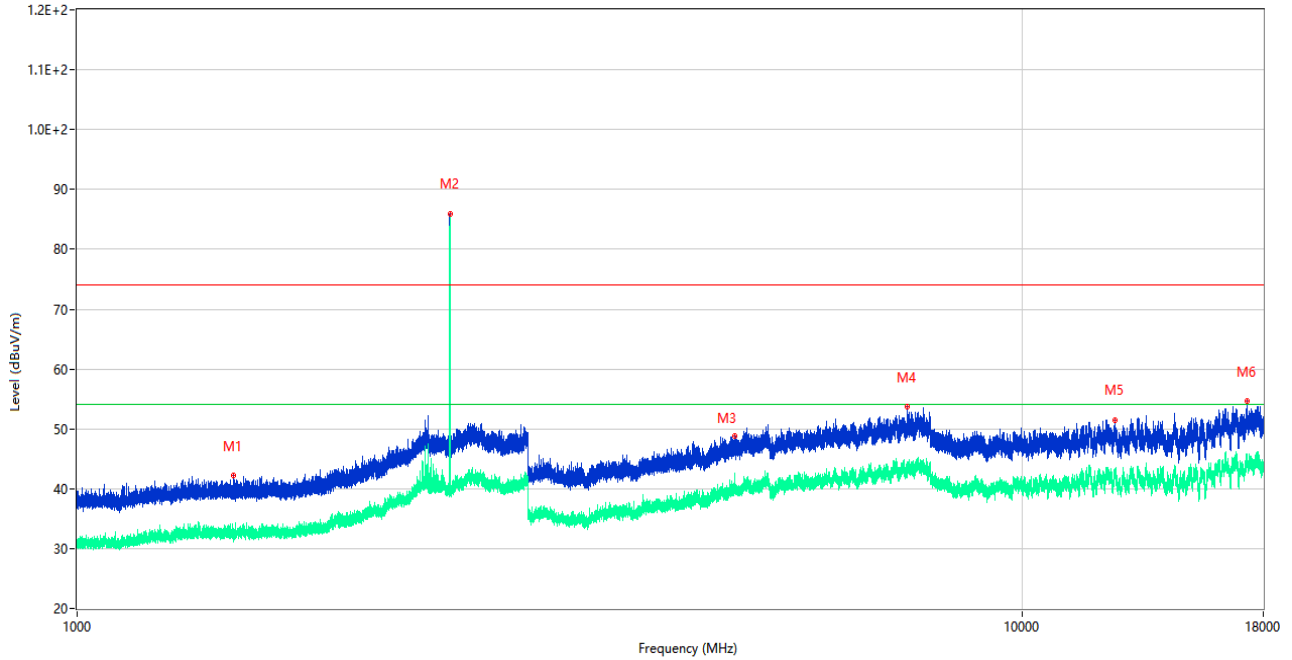
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	42.73	-16.90	74.0	31.27	Peak	360.00	200	Vertical	Pass
1**	1499.100	33.00	-16.90	54.0	21.00	AV	360.00	200	Vertical	Pass
2	2440.300	82.16	-10.03	74.0	-8.16	Peak	268.00	200	Vertical	N/A
2**	2440.300	81.44	-10.03	54.0	-27.44	AV	268.00	200	Vertical	N/A
3	4929.500	49.36	-3.59	74.0	24.64	Peak	280.00	150	Vertical	Pass
3**	4929.500	39.71	-3.59	54.0	14.29	AV	280.00	150	Vertical	Pass
4	7836.750	53.06	1.01	74.0	20.94	Peak	217.00	100	Vertical	Pass
4**	7836.750	43.84	1.01	54.0	10.16	AV	217.00	100	Vertical	Pass
5	12293.763	51.49	0.62	74.0	22.51	Peak	270.00	300	Vertical	Pass
5**	12293.763	41.69	0.62	54.0	12.31	AV	270.00	300	Vertical	Pass
6	16415.287	53.86	2.96	74.0	20.14	Peak	242.00	200	Vertical	Pass
6**	16415.287	44.96	2.96	54.0	9.04	AV	242.00	200	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

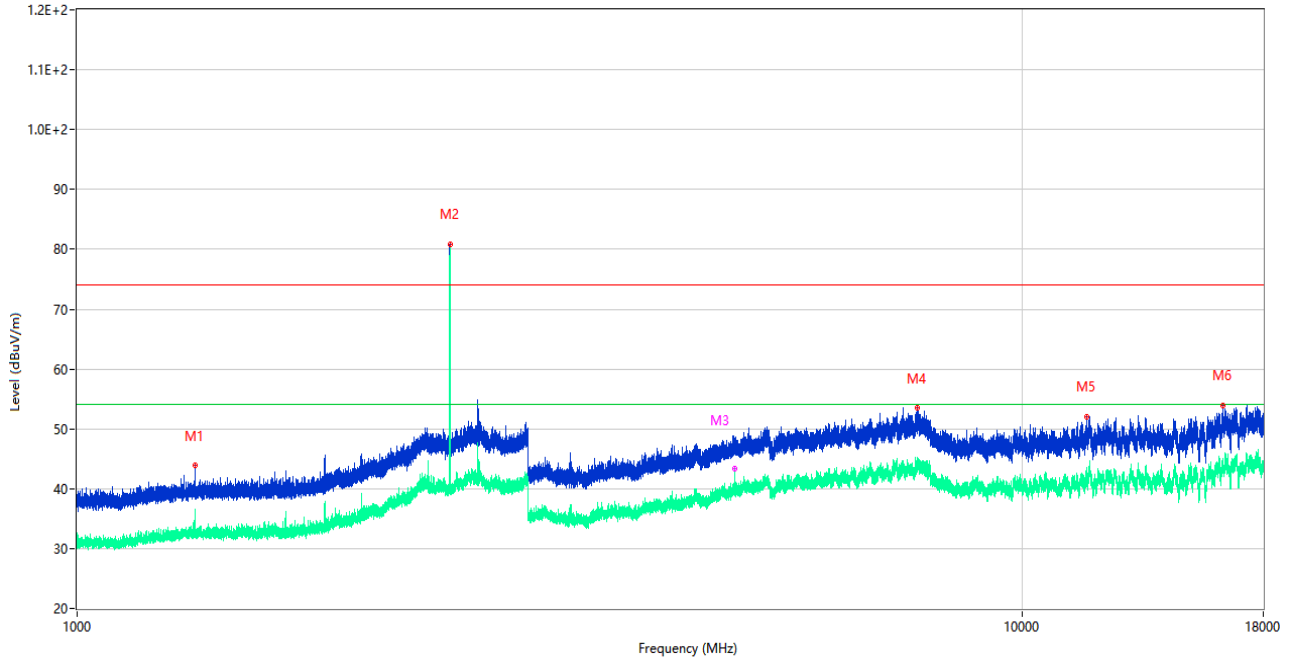
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.300	42.14	-17.17	74.0	31.86	Peak	304.00	100	Horizontal	Pass
1**	1465.300	32.52	-17.17	54.0	21.48	AV	304.00	100	Horizontal	Pass
2	2479.800	85.93	-11.14	74.0	-11.93	Peak	108.00	200	Horizontal	N/A
2**	2479.800	85.03	-11.14	54.0	-31.03	AV	108.00	200	Horizontal	N/A
3	4961.250	48.85	-3.66	74.0	25.15	Peak	186.00	100	Horizontal	Pass
3**	4961.250	39.92	-3.66	54.0	14.08	AV	186.00	100	Horizontal	Pass
4	7558.000	53.62	0.07	74.0	20.38	Peak	118.00	300	Horizontal	Pass
4**	7558.000	44.46	0.07	54.0	9.54	AV	118.00	300	Horizontal	Pass
5	12552.401	51.52	1.11	74.0	22.48	Peak	94.00	100	Horizontal	Pass
5**	12552.401	42.26	1.11	54.0	11.74	AV	94.00	100	Horizontal	Pass
6	17324.063	54.57	2.86	74.0	19.43	Peak	257.00	400	Horizontal	Pass
6**	17324.063	44.12	2.86	54.0	9.88	AV	257.00	400	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

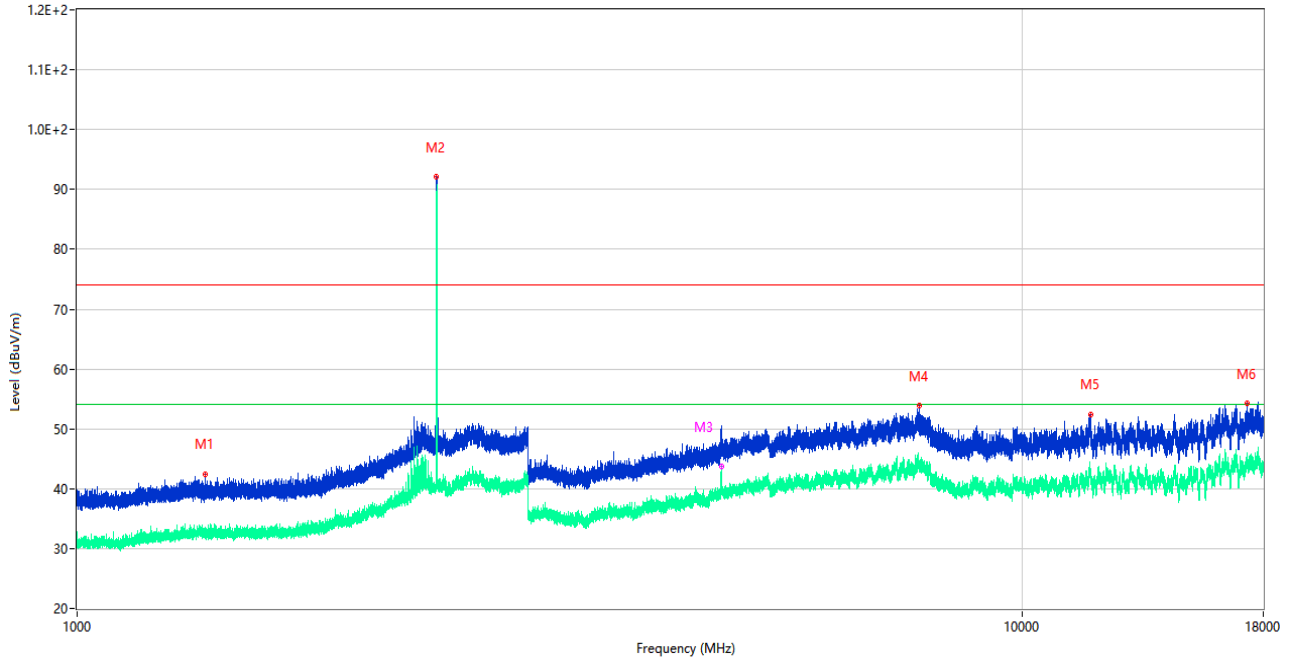
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	43.88	-17.15	74.0	30.12	Peak	257.00	200	Vertical	Pass
1**	1332.800	34.47	-17.15	54.0	19.53	AV	257.00	200	Vertical	Pass
2	2479.900	80.89	-11.13	74.0	-6.89	Peak	42.00	150	Vertical	N/A
2**	2479.900	79.31	-11.13	54.0	-25.31	AV	42.00	150	Vertical	N/A
3	4960.500	47.74	-3.57	74.0	26.26	Peak	324.00	100	Vertical	Pass
3**	4960.500	43.43	-3.57	54.0	10.57	AV	324.00	100	Vertical	Pass
4	7756.000	53.48	1.04	74.0	20.52	Peak	104.00	300	Vertical	Pass
4**	7756.000	44.09	1.04	54.0	9.91	AV	104.00	300	Vertical	Pass
5	11693.838	52.09	-0.62	74.0	21.91	Peak	65.00	300	Vertical	Pass
5**	11693.838	43.48	-0.62	54.0	10.52	AV	65.00	300	Vertical	Pass
6	16310.813	53.91	0.84	74.0	20.09	Peak	281.00	200	Vertical	Pass
6**	16310.813	44.03	0.84	54.0	9.97	AV	281.00	200	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H

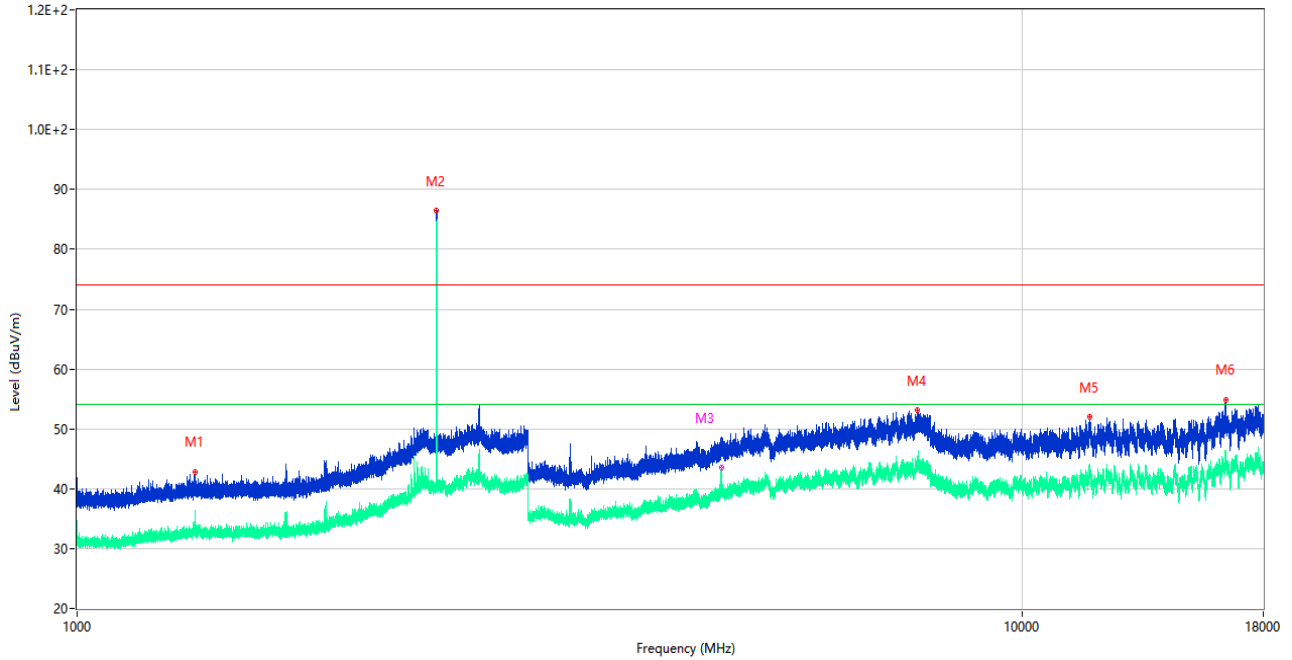
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1366.600	42.47	-17.06	74.0	31.53	Peak	337.00	200	Horizontal	Pass
1**	1366.600	31.69	-17.06	54.0	22.31	AV	337.00	200	Horizontal	Pass
2	2403.600	92.07	-10.63	74.0	-18.07	Peak	104.00	150	Horizontal	N/A
2**	2403.600	88.45	-10.63	54.0	-34.45	AV	104.00	150	Horizontal	N/A
3	4805.750	47.14	-3.27	74.0	26.86	Peak	101.00	100	Horizontal	Pass
3**	4805.750	43.66	-3.27	54.0	10.34	AV	101.00	100	Horizontal	Pass
4	7779.250	53.80	1.19	74.0	20.20	Peak	142.00	300	Horizontal	Pass
4**	7779.250	44.61	1.19	54.0	9.39	AV	142.00	300	Horizontal	Pass
5	11817.813	52.38	-0.35	74.0	21.62	Peak	89.00	400	Horizontal	Pass
5**	11817.813	42.23	-0.35	54.0	11.77	AV	89.00	400	Horizontal	Pass
6	17303.849	54.19	2.67	74.0	19.81	Peak	2.00	400	Horizontal	Pass
6**	17303.849	44.56	2.67	54.0	9.44	AV	2.00	400	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

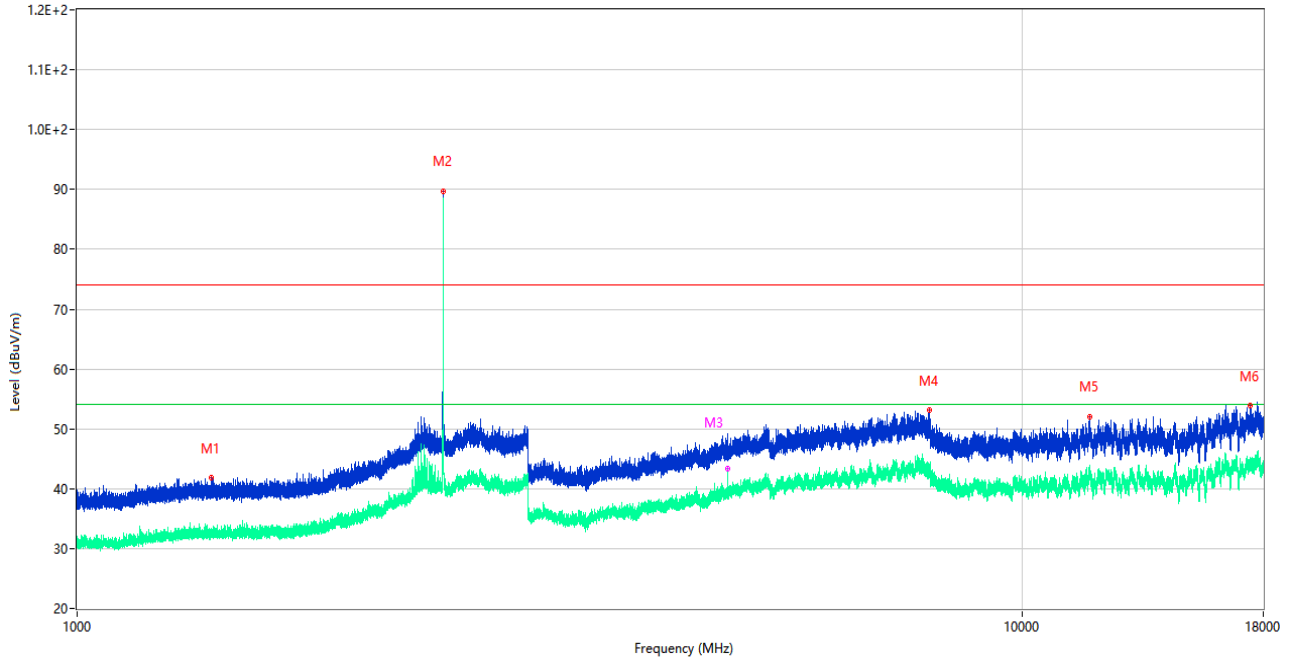
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	42.86	-17.18	74.0	31.14	Peak	0.00	100	Vertical	Pass
1**	1333.000	33.33	-17.18	54.0	20.67	AV	0.00	100	Vertical	Pass
2	2403.600	86.41	-10.63	74.0	-12.41	Peak	220.00	100	Vertical	N/A
2**	2403.600	82.33	-10.63	54.0	-28.33	AV	220.00	100	Vertical	N/A
3	4803.500	47.54	-3.36	74.0	26.46	Peak	0.00	100	Vertical	Pass
3**	4803.500	43.45	-3.36	54.0	10.55	AV	0.00	100	Vertical	Pass
4	7756.500	53.05	1.25	74.0	20.95	Peak	18.00	100	Vertical	Pass
4**	7756.500	44.51	1.25	54.0	9.49	AV	18.00	100	Vertical	Pass
5	11788.838	51.98	-0.16	74.0	22.02	Peak	241.00	300	Vertical	Pass
5**	11788.838	42.88	-0.16	54.0	11.12	AV	241.00	300	Vertical	Pass
6	16421.850	54.84	2.87	74.0	19.16	Peak	306.00	300	Vertical	Pass
6**	16421.850	45.11	2.87	54.0	8.89	AV	306.00	300	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

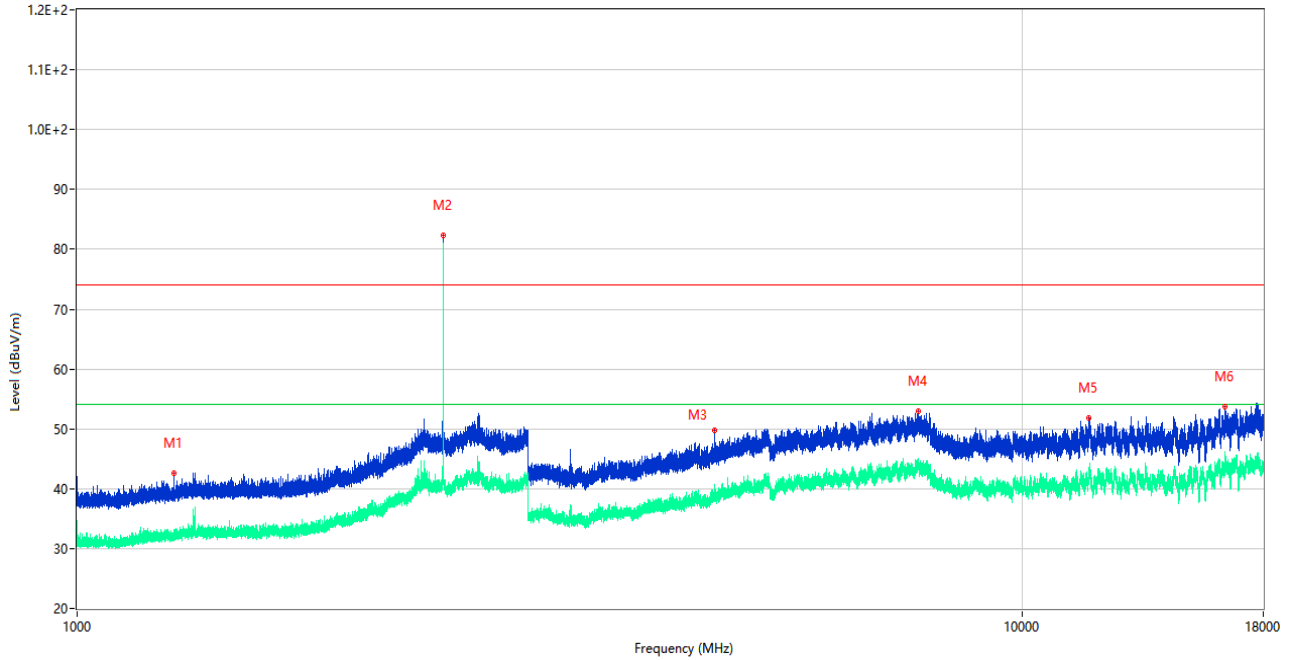
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1386.400	41.83	-17.18	74.0	32.17	Peak	244.00	400	Horizontal	Pass
1**	1386.400	32.15	-17.18	54.0	21.85	AV	244.00	400	Horizontal	Pass
2	2440.600	89.75	-9.80	74.0	-15.75	Peak	103.00	100	Horizontal	N/A
2**	2440.600	87.62	-9.80	54.0	-33.62	AV	103.00	100	Horizontal	N/A
3	4880.500	47.62	-3.92	74.0	26.38	Peak	19.00	100	Horizontal	Pass
3**	4880.500	43.38	-3.92	54.0	10.62	AV	19.00	100	Horizontal	Pass
4	7979.000	53.06	1.56	74.0	20.94	Peak	360.00	200	Horizontal	Pass
4**	7979.000	42.51	1.56	54.0	11.49	AV	360.00	200	Horizontal	Pass
5	11792.638	52.07	-0.15	74.0	21.93	Peak	94.00	200	Horizontal	Pass
5**	11792.638	42.40	-0.15	54.0	11.60	AV	94.00	200	Horizontal	Pass
6	17415.938	53.84	5.47	74.0	20.16	Peak	222.00	100	Horizontal	Pass
6**	17415.938	43.66	5.47	54.0	10.34	AV	222.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

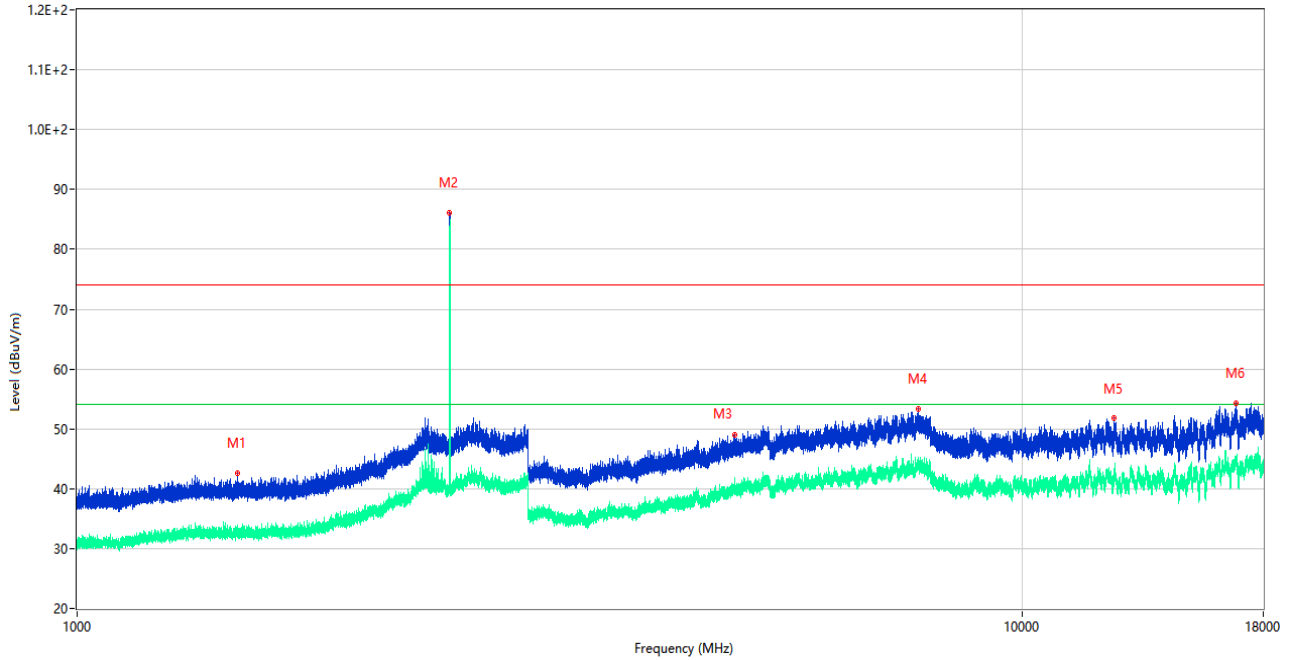
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1266.500	42.64	-17.22	74.0	31.36	Peak	191.00	400	Vertical	Pass
1**	1266.500	32.04	-17.22	54.0	21.96	AV	191.00	400	Vertical	Pass
2	2440.700	82.35	-9.80	74.0	-8.35	Peak	209.00	100	Vertical	N/A
2**	2440.700	79.88	-9.80	54.0	-25.88	AV	209.00	100	Vertical	N/A
3	4730.750	49.77	-2.84	74.0	24.23	Peak	275.00	150	Vertical	Pass
3**	4730.750	38.82	-2.84	54.0	15.18	AV	275.00	150	Vertical	Pass
4	7759.750	52.99	1.55	74.0	21.01	Peak	124.00	100	Vertical	Pass
4**	7759.750	44.19	1.55	54.0	9.81	AV	124.00	100	Vertical	Pass
5	11773.638	51.88	-0.17	74.0	22.12	Peak	154.00	100	Vertical	Pass
5**	11773.638	42.58	-0.17	54.0	11.42	AV	154.00	100	Vertical	Pass
6	16401.636	53.78	3.15	74.0	20.22	Peak	66.00	300	Vertical	Pass
6**	16401.636	44.14	3.15	54.0	9.86	AV	66.00	300	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

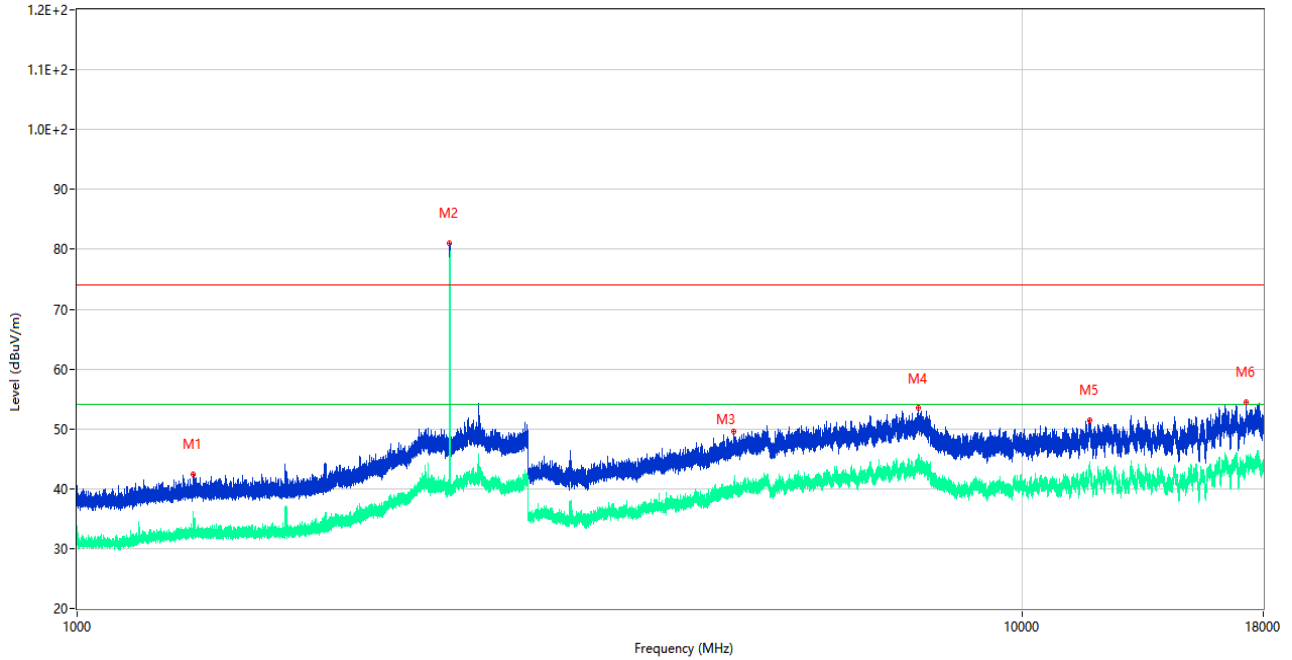
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.700	42.65	-17.01	74.0	31.35	Peak	160.00	200	Horizontal	Pass
1**	1478.700	32.76	-17.01	54.0	21.24	AV	160.00	200	Horizontal	Pass
2	2477.600	86.19	-11.19	74.0	-12.19	Peak	102.00	150	Horizontal	N/A
2**	2477.600	82.84	-11.19	54.0	-28.84	AV	102.00	150	Horizontal	N/A
3	4961.500	49.05	-3.40	74.0	24.95	Peak	19.00	150	Horizontal	Pass
3**	4961.500	40.91	-3.40	54.0	13.09	AV	19.00	150	Horizontal	Pass
4	7759.500	53.36	1.61	74.0	20.64	Peak	154.00	100	Horizontal	Pass
4**	7759.500	44.85	1.61	54.0	9.15	AV	154.00	100	Horizontal	Pass
5	12525.563	51.74	1.29	74.0	22.26	Peak	9.00	200	Horizontal	Pass
5**	12525.563	42.43	1.29	54.0	11.57	AV	9.00	200	Horizontal	Pass
6	16858.386	54.31	3.42	74.0	19.69	Peak	346.00	300	Horizontal	Pass
6**	16858.386	44.84	3.42	54.0	9.16	AV	346.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

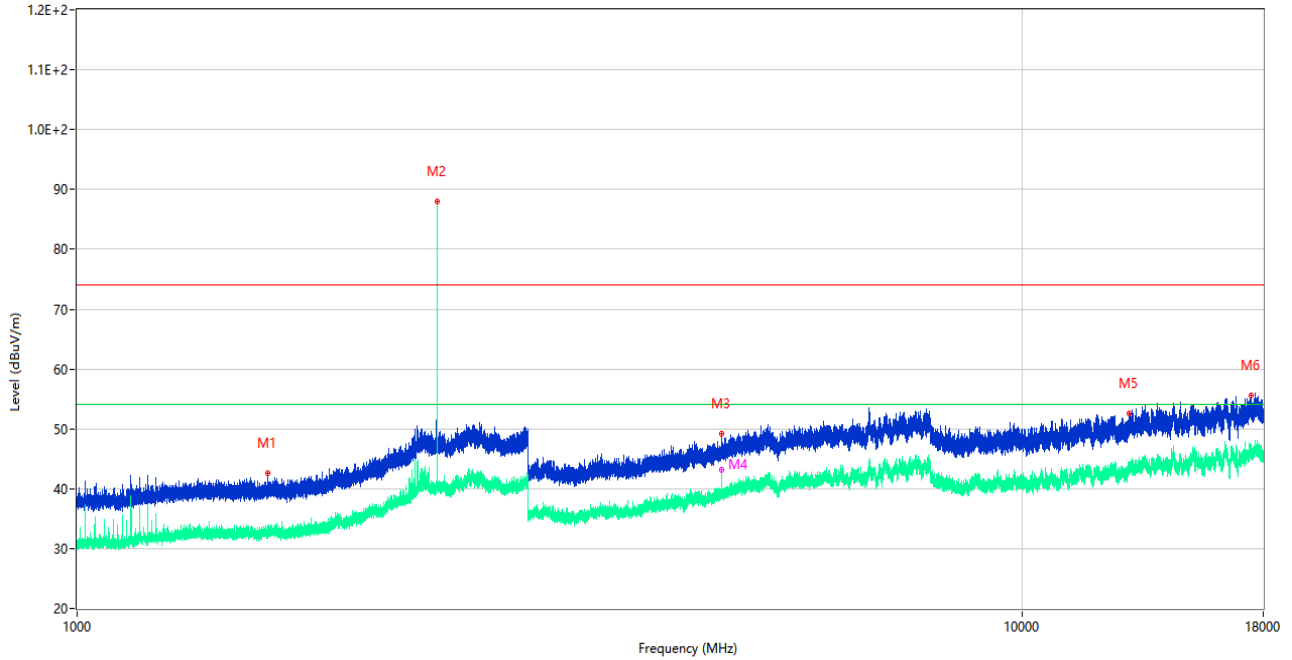
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.900	42.47	-17.21	74.0	31.53	Peak	249.00	100	Vertical	Pass
1**	1326.900	32.69	-17.21	54.0	21.31	AV	249.00	100	Vertical	Pass
2	2477.700	81.08	-11.16	74.0	-7.08	Peak	35.00	150	Vertical	N/A
2**	2477.700	78.40	-11.16	54.0	-24.40	AV	35.00	150	Vertical	N/A
3	4952.500	49.59	-3.44	74.0	24.41	Peak	317.00	150	Vertical	Pass
3**	4952.500	39.50	-3.44	54.0	14.50	AV	317.00	150	Vertical	Pass
4	7759.000	53.43	1.62	74.0	20.57	Peak	108.00	200	Vertical	Pass
4**	7759.000	44.40	1.62	54.0	9.60	AV	108.00	200	Vertical	Pass
5	11791.925	51.51	-0.15	74.0	22.49	Peak	271.00	200	Vertical	Pass
5**	11791.925	43.00	-0.15	54.0	11.00	AV	271.00	200	Vertical	Pass
6	17282.324	54.51	2.57	74.0	19.49	Peak	130.00	200	Vertical	Pass
6**	17282.324	44.02	2.57	54.0	9.98	AV	130.00	200	Vertical	Pass

GFSK (BLE Coded S2) LOW CHANNEL 1 GHz to 18 GHz, ANT H

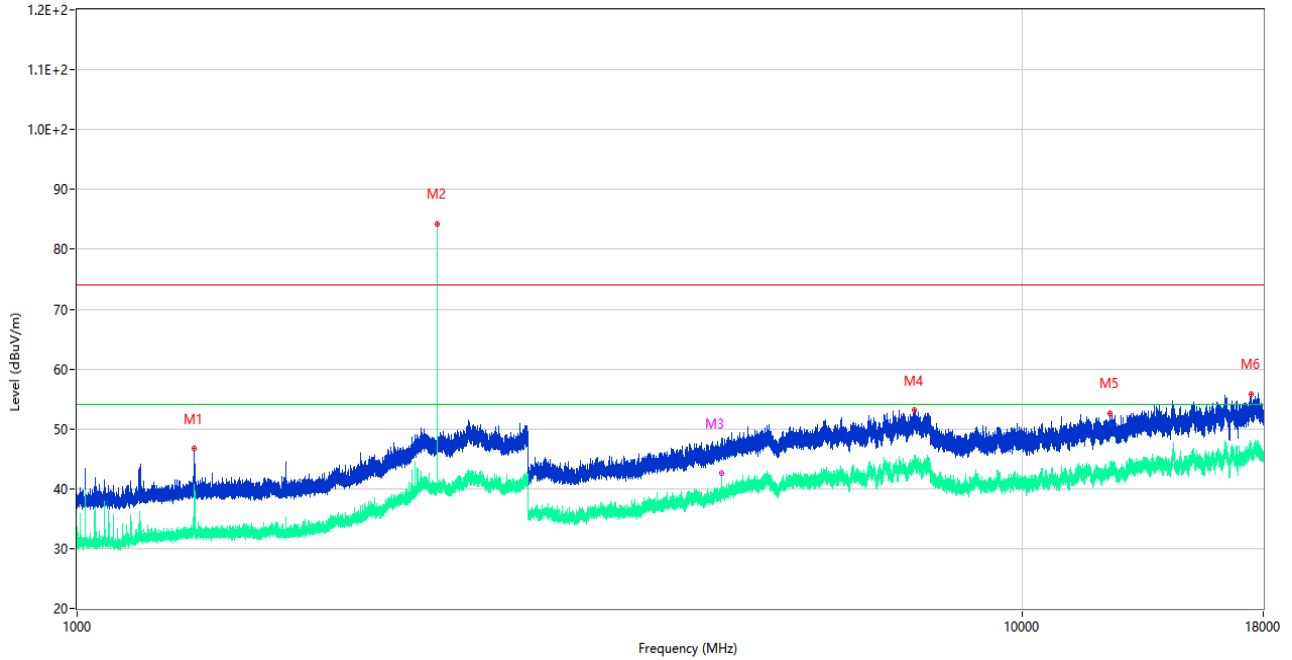
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	42.59	-16.50	74.0	31.41	Peak	188.00	400	Horizontal	Pass
1**	1592.700	32.83	-16.50	54.0	21.17	AV	188.00	400	Horizontal	Pass
2	2401.800	88.02	-10.45	74.0	-14.02	Peak	107.00	200	Horizontal	N/A
2**	2401.800	86.44	-10.45	54.0	-32.44	AV	107.00	200	Horizontal	N/A
3	4803.750	49.26	-3.26	74.0	24.74	Peak	324.00	200	Horizontal	Pass
3**	4803.750	41.61	-3.26	54.0	12.39	AV	324.00	200	Horizontal	Pass
4	4808.500	47.07	-3.30	74.0	26.93	Peak	96.00	150	Horizontal	Pass
4**	4808.500	43.22	-3.30	54.0	10.78	AV	96.00	150	Horizontal	Pass
5	12986.250	52.63	1.92	74.0	21.37	Peak	360.00	300	Horizontal	Pass
5**	12986.250	43.24	1.92	54.0	10.76	AV	360.00	300	Horizontal	Pass
6	17456.626	55.59	5.44	74.0	18.41	Peak	326.00	100	Horizontal	Pass
6**	17456.626	46.43	5.44	54.0	7.57	AV	326.00	100	Horizontal	Pass

GFSK (BLE Coded S2) LOW CHANNEL 1 GHz to 18 GHz, ANT V

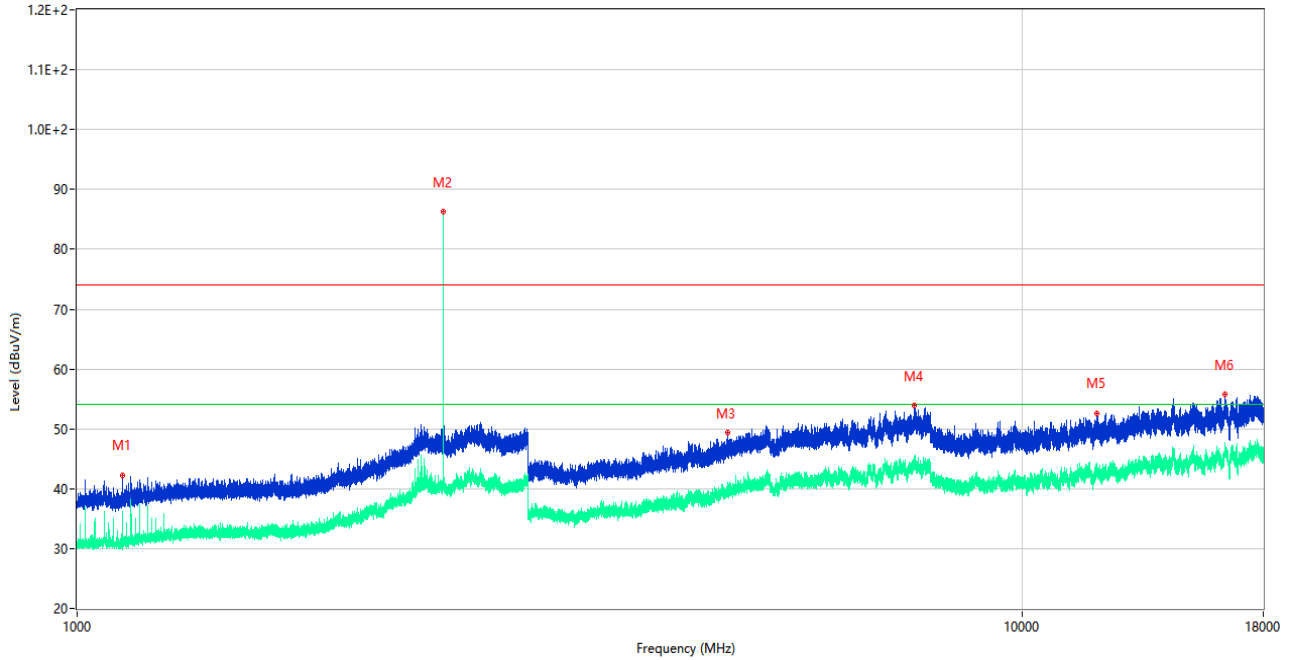
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	46.69	-16.99	74.0	27.31	Peak	249.00	400	Vertical	Pass
1**	1330.800	33.59	-16.99	54.0	20.41	AV	249.00	400	Vertical	Pass
2	2401.900	84.26	-10.50	74.0	-10.26	Peak	183.00	100	Vertical	N/A
2**	2401.900	82.47	-10.50	54.0	-28.47	AV	183.00	100	Vertical	N/A
3	4804.000	47.85	-3.12	74.0	26.15	Peak	263.00	150	Vertical	Pass
3**	4804.000	42.60	-3.12	54.0	11.40	AV	263.00	150	Vertical	Pass
4	7689.500	53.10	1.04	74.0	20.90	Peak	111.00	400	Vertical	Pass
4**	7689.500	44.16	1.04	54.0	9.84	AV	111.00	400	Vertical	Pass
5	12400.400	52.67	1.11	74.0	21.33	Peak	1.00	400	Vertical	Pass
5**	12400.400	42.64	1.11	54.0	11.36	AV	1.00	400	Vertical	Pass
6	17459.249	55.79	5.40	74.0	18.21	Peak	221.00	400	Vertical	Pass
6**	17459.249	46.55	5.40	54.0	7.45	AV	221.00	400	Vertical	Pass

GFSK (BLE Coded S2) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

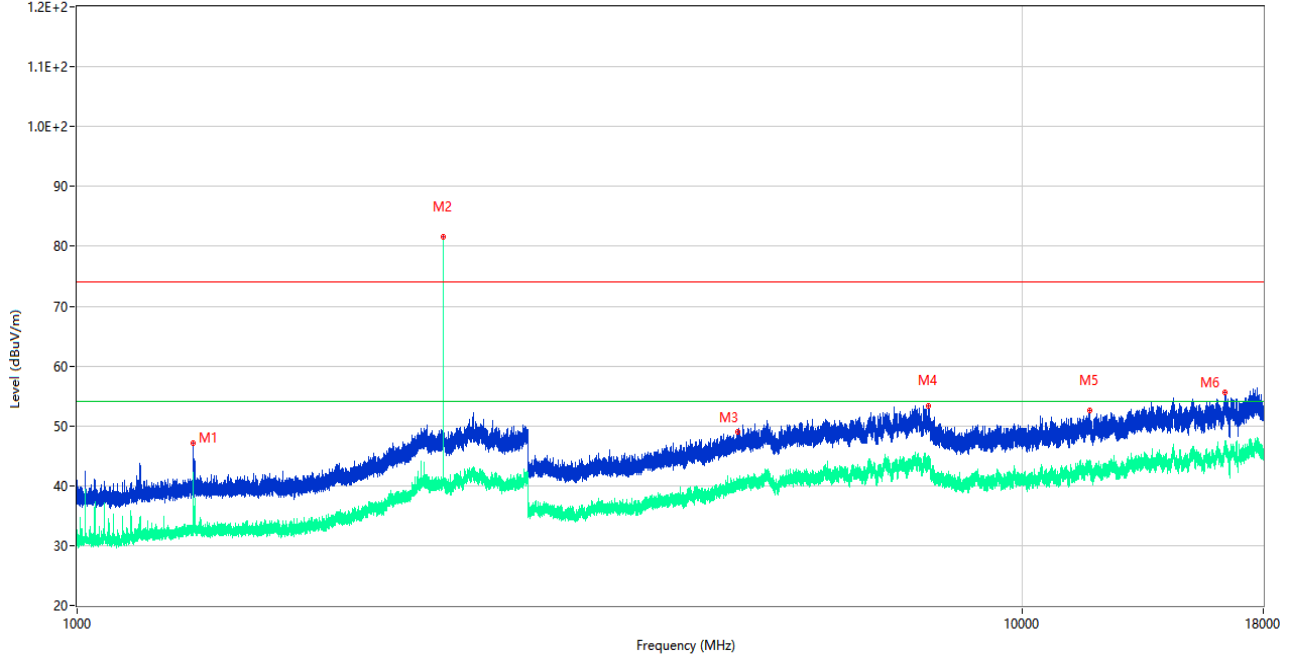
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.200	42.23	-18.03	74.0	31.77	Peak	108.00	300	Horizontal	Pass
1**	1116.200	36.12	-18.03	54.0	17.88	AV	108.00	300	Horizontal	Pass
2	2440.400	86.21	-9.94	74.0	-12.21	Peak	118.00	150	Horizontal	N/A
2**	2440.400	85.23	-9.94	54.0	-31.23	AV	118.00	150	Horizontal	N/A
3	4877.500	49.32	-3.54	74.0	24.68	Peak	84.00	200	Horizontal	Pass
3**	4877.500	39.57	-3.54	54.0	14.43	AV	84.00	200	Horizontal	Pass
4	7698.250	53.86	1.14	74.0	20.14	Peak	283.00	300	Horizontal	Pass
4**	7698.250	44.73	1.14	54.0	9.27	AV	283.00	300	Horizontal	Pass
5	12000.925	52.62	0.46	74.0	21.38	Peak	180.00	400	Horizontal	Pass
5**	12000.925	43.21	0.46	54.0	10.79	AV	180.00	400	Horizontal	Pass
6	16410.825	55.69	3.02	74.0	18.31	Peak	223.00	200	Horizontal	Pass
6**	16410.825	46.62	3.02	54.0	7.38	AV	223.00	200	Horizontal	Pass

GFSK (BLE Coded S2) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

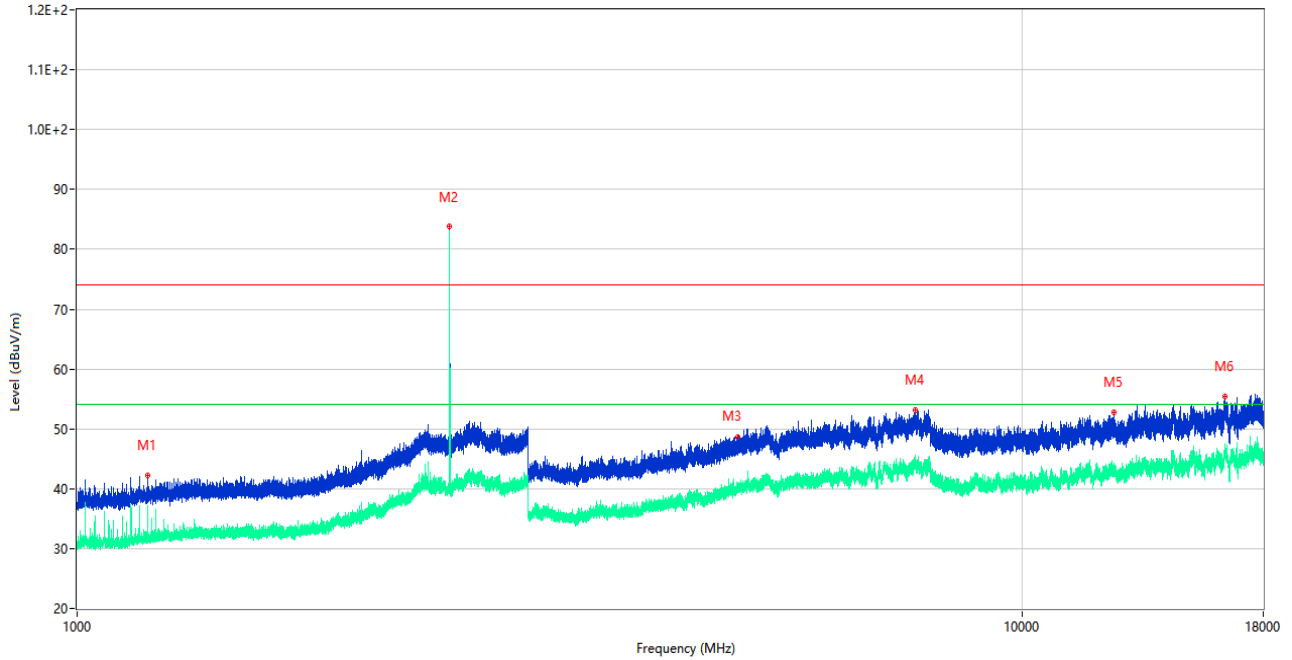
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.600	47.18	-16.94	74.0	26.82	Peak	127.00	300	Vertical	Pass
1**	1327.600	36.87	-16.94	54.0	17.13	AV	127.00	300	Vertical	Pass
2	2440.300	81.66	-10.03	74.0	-7.66	Peak	232.00	100	Vertical	N/A
2**	2440.300	81.03	-10.03	54.0	-27.03	AV	232.00	100	Vertical	N/A
3	4997.000	48.94	-3.40	74.0	25.06	Peak	106.00	100	Vertical	Pass
3**	4997.000	40.44	-3.40	54.0	13.56	AV	106.00	100	Vertical	Pass
4	7967.250	53.32	2.15	74.0	20.68	Peak	45.00	400	Vertical	Pass
4**	7967.250	44.42	2.15	54.0	9.58	AV	45.00	400	Vertical	Pass
5	11803.800	52.60	-0.19	74.0	21.40	Peak	67.00	200	Vertical	Pass
5**	11803.800	43.39	-0.19	54.0	10.61	AV	67.00	200	Vertical	Pass
6	16402.949	55.60	3.13	74.0	18.40	Peak	360.00	100	Vertical	Pass
6**	16402.949	46.87	3.13	54.0	7.13	AV	360.00	100	Vertical	Pass

GFSK (BLE Coded S2) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

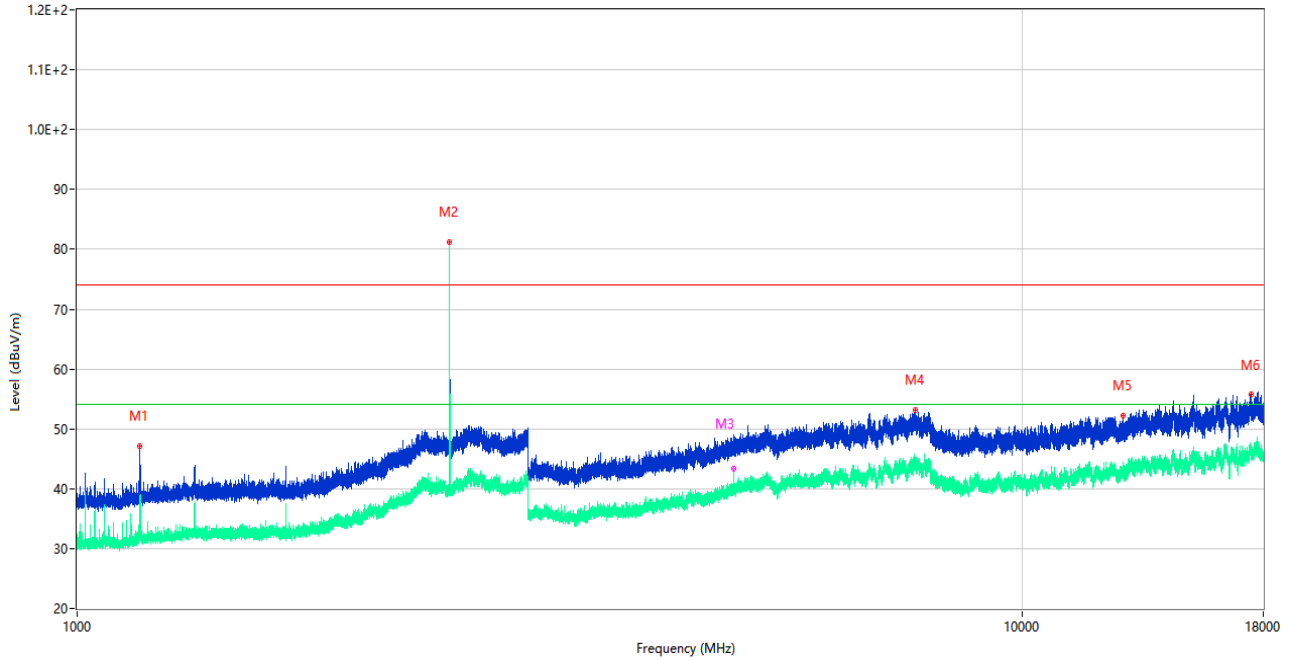
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1188.200	42.31	-18.03	74.0	31.69	Peak	118.00	300	Horizontal	Pass
1**	1188.200	36.81	-18.03	54.0	17.19	AV	118.00	300	Horizontal	Pass
2	2480.400	83.82	-10.95	74.0	-9.82	Peak	181.00	200	Horizontal	N/A
2**	2480.400	82.93	-10.95	54.0	-28.93	AV	181.00	200	Horizontal	N/A
3	4998.500	48.61	-3.38	74.0	25.39	Peak	184.00	100	Horizontal	Pass
3**	4998.500	39.92	-3.38	54.0	14.08	AV	184.00	100	Horizontal	Pass
4	7715.250	53.23	1.51	74.0	20.77	Peak	23.00	300	Horizontal	Pass
4**	7715.250	43.75	1.51	54.0	10.25	AV	23.00	300	Horizontal	Pass
5	12503.950	52.76	1.42	74.0	21.24	Peak	138.00	200	Horizontal	Pass
5**	12503.950	42.69	1.42	54.0	11.31	AV	138.00	200	Horizontal	Pass
6	16401.113	55.47	3.15	74.0	18.53	Peak	350.00	400	Horizontal	Pass
6**	16401.113	45.31	3.15	54.0	8.69	AV	350.00	400	Horizontal	Pass

GFSK (BLE Coded S2) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

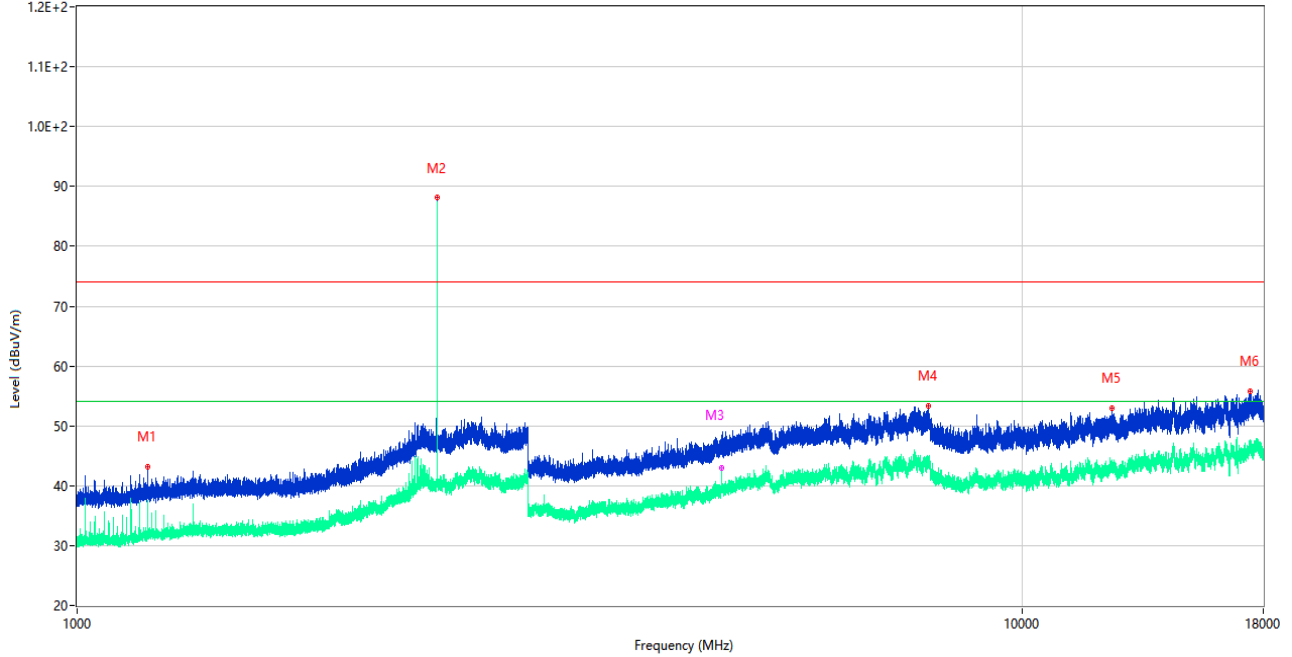
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.100	47.15	-17.51	74.0	26.85	Peak	264.00	100	Vertical	Pass
1**	1165.100	33.17	-17.51	54.0	20.83	AV	264.00	100	Vertical	Pass
2	2480.400	81.26	-10.95	74.0	-7.26	Peak	183.00	150	Vertical	N/A
2**	2480.400	79.94	-10.95	54.0	-25.94	AV	183.00	150	Vertical	N/A
3	4960.500	48.53	-3.66	74.0	25.47	Peak	260.00	150	Vertical	Pass
3**	4960.500	43.36	-3.66	54.0	10.64	AV	260.00	150	Vertical	Pass
4	7712.000	53.22	1.91	74.0	20.78	Peak	302.00	100	Vertical	Pass
4**	7712.000	44.27	1.91	54.0	9.73	AV	302.00	100	Vertical	Pass
5	12790.950	52.30	0.97	74.0	21.70	Peak	109.00	200	Vertical	Pass
5**	12790.950	42.85	0.97	54.0	11.15	AV	109.00	200	Vertical	Pass
6	17466.075	55.74	5.27	74.0	18.26	Peak	109.00	300	Vertical	Pass
6**	17466.075	46.22	5.27	54.0	7.78	AV	109.00	300	Vertical	Pass

GFSK (BLE Coded S8) LOW CHANNEL 1 GHz to 18 GHz, ANT H

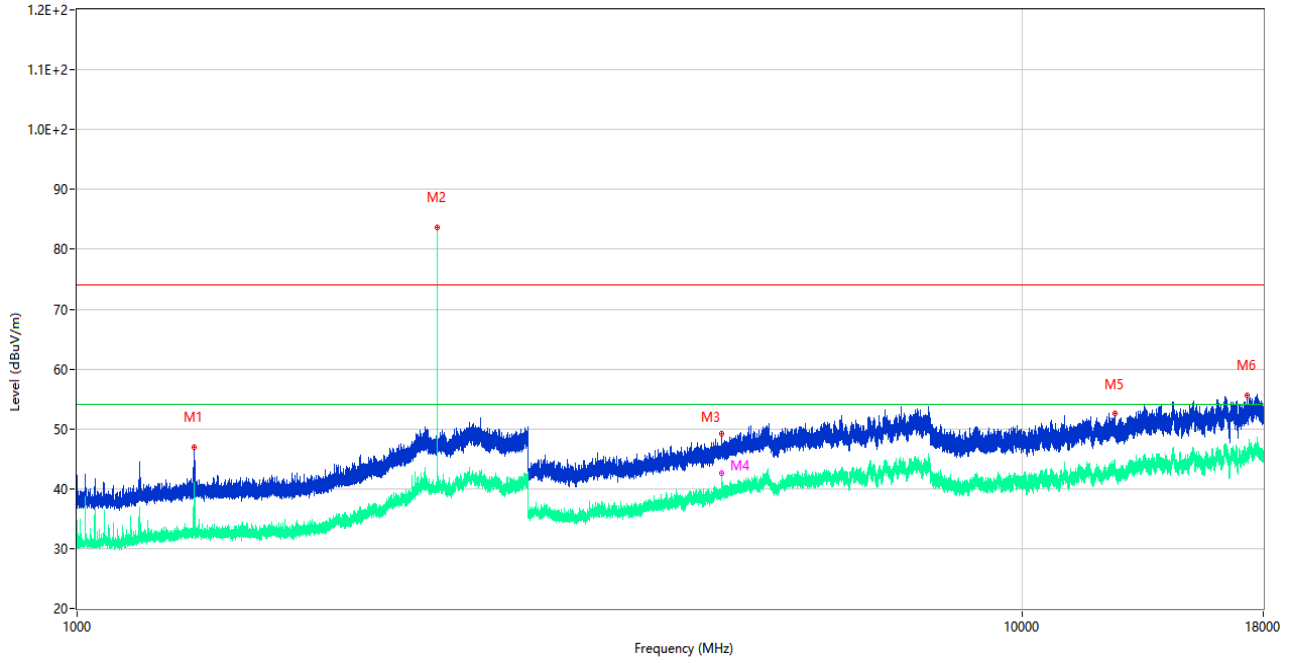
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1188.200	43.24	-18.03	74.0	30.76	Peak	142.00	200	Horizontal	Pass
1**	1188.200	37.60	-18.03	54.0	16.40	AV	142.00	200	Horizontal	Pass
2	2401.800	88.12	-10.45	74.0	-14.12	Peak	107.00	150	Horizontal	N/A
2**	2401.800	86.59	-10.45	54.0	-32.59	AV	107.00	150	Horizontal	N/A
3	4804.500	48.37	-3.30	74.0	25.63	Peak	75.00	150	Horizontal	Pass
3**	4804.500	42.92	-3.30	54.0	11.08	AV	75.00	150	Horizontal	Pass
4	7958.750	53.33	1.87	74.0	20.67	Peak	345.00	100	Horizontal	Pass
4**	7958.750	43.69	1.87	54.0	10.31	AV	345.00	100	Horizontal	Pass
5	12438.400	52.96	1.05	74.0	21.04	Peak	328.00	400	Horizontal	Pass
5**	12438.400	43.92	1.05	54.0	10.08	AV	328.00	400	Horizontal	Pass
6	17451.637	55.83	5.54	74.0	18.17	Peak	92.00	100	Horizontal	Pass
6**	17451.637	46.49	5.54	54.0	7.51	AV	92.00	100	Horizontal	Pass

GFSK (BLE Coded S8) LOW CHANNEL 1 GHz to 18 GHz, ANT V

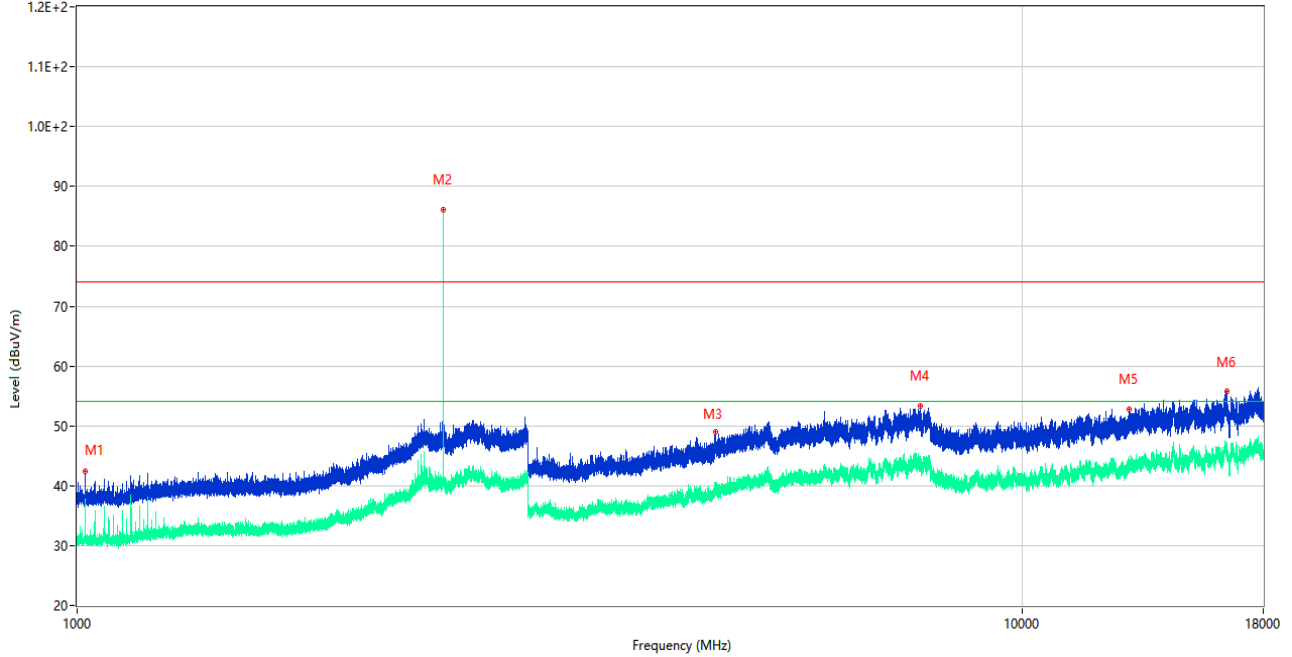
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	47.02	-16.96	74.0	26.98	Peak	339.00	400	Vertical	Pass
1**	1331.400	39.28	-16.96	54.0	14.72	AV	339.00	400	Vertical	Pass
2	2401.700	83.67	-10.40	74.0	-9.67	Peak	186.00	150	Vertical	N/A
2**	2401.700	81.54	-10.40	54.0	-27.54	AV	186.00	150	Vertical	N/A
3	4804.000	49.10	-3.12	74.0	24.90	Peak	262.00	200	Vertical	Pass
3**	4804.000	41.73	-3.12	54.0	12.27	AV	262.00	200	Vertical	Pass
4	4808.750	47.91	-3.28	74.0	26.09	Peak	231.00	150	Vertical	Pass
4**	4808.750	42.53	-3.28	54.0	11.47	AV	231.00	150	Vertical	Pass
5	12545.512	52.57	1.18	74.0	21.43	Peak	77.00	300	Vertical	Pass
5**	12545.512	43.45	1.18	54.0	10.55	AV	77.00	300	Vertical	Pass
6	17292.300	55.67	2.61	74.0	18.33	Peak	58.00	300	Vertical	Pass
6**	17292.300	46.22	2.61	54.0	7.78	AV	58.00	300	Vertical	Pass

GFSK (BLE Coded S8) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

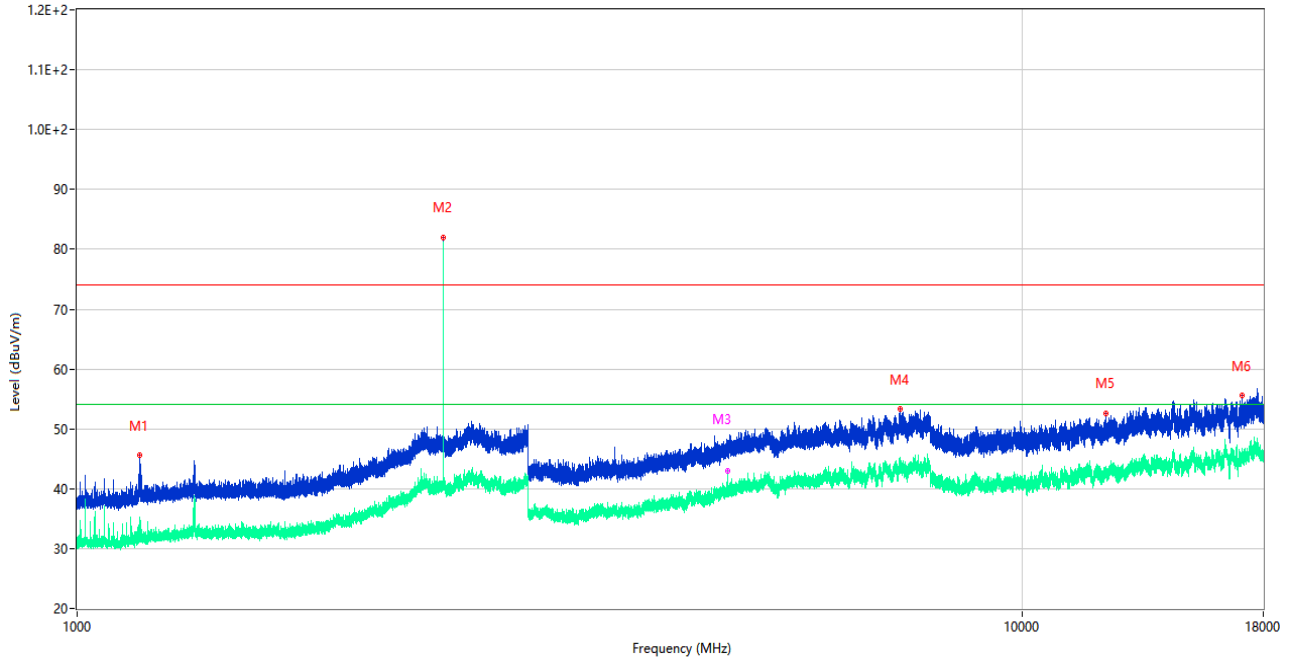
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1020.100	42.45	-18.01	74.0	31.55	Peak	127.00	100	Horizontal	Pass
1**	1020.100	37.47	-18.01	54.0	16.53	AV	127.00	100	Horizontal	Pass
2	2440.400	86.15	-9.94	74.0	-12.15	Peak	116.00	200	Horizontal	N/A
2**	2440.400	84.88	-9.94	54.0	-30.88	AV	116.00	200	Horizontal	N/A
3	4736.500	48.94	-2.91	74.0	25.06	Peak	72.00	100	Horizontal	Pass
3**	4736.500	39.15	-2.91	54.0	14.85	AV	72.00	100	Horizontal	Pass
4	7798.000	53.37	0.59	74.0	20.63	Peak	231.00	200	Horizontal	Pass
4**	7798.000	43.48	0.59	54.0	10.52	AV	231.00	200	Horizontal	Pass
5	12975.487	52.84	1.82	74.0	21.16	Peak	182.00	300	Horizontal	Pass
5**	12975.487	43.07	1.82	54.0	10.93	AV	182.00	300	Horizontal	Pass
6	16473.562	55.74	1.72	74.0	18.26	Peak	173.00	300	Horizontal	Pass
6**	16473.562	45.56	1.72	54.0	8.44	AV	173.00	300	Horizontal	Pass

GFSK (BLE Coded S8) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

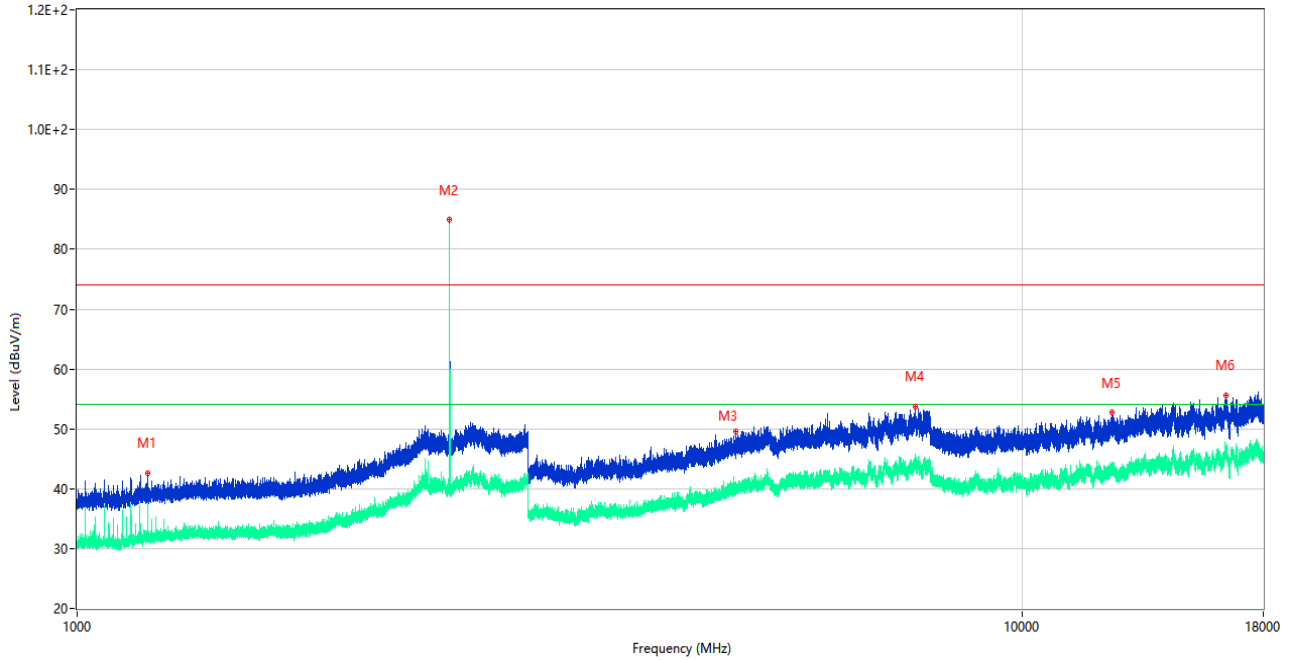
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.600	45.59	-17.63	74.0	28.41	Peak	271.00	300	Vertical	Pass
1**	1163.600	34.89	-17.63	54.0	19.11	AV	271.00	300	Vertical	Pass
2	2440.400	82.05	-9.94	74.0	-8.05	Peak	196.00	100	Vertical	N/A
2**	2440.400	81.10	-9.94	54.0	-27.10	AV	196.00	100	Vertical	N/A
3	4881.000	47.61	-3.82	74.0	26.39	Peak	251.00	150	Vertical	Pass
3**	4881.000	43.06	-3.82	54.0	10.94	AV	251.00	150	Vertical	Pass
4	7424.500	53.24	1.14	74.0	20.76	Peak	297.00	300	Vertical	Pass
4**	7424.500	44.01	1.14	54.0	9.99	AV	297.00	300	Vertical	Pass
5	12273.338	52.60	0.85	74.0	21.40	Peak	319.00	200	Vertical	Pass
5**	12273.338	42.13	0.85	54.0	11.87	AV	319.00	200	Vertical	Pass
6	17094.375	55.50	2.65	74.0	18.50	Peak	90.00	400	Vertical	Pass
6**	17094.375	44.99	2.65	54.0	9.01	AV	90.00	400	Vertical	Pass

GFSK (BLE Coded S8) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

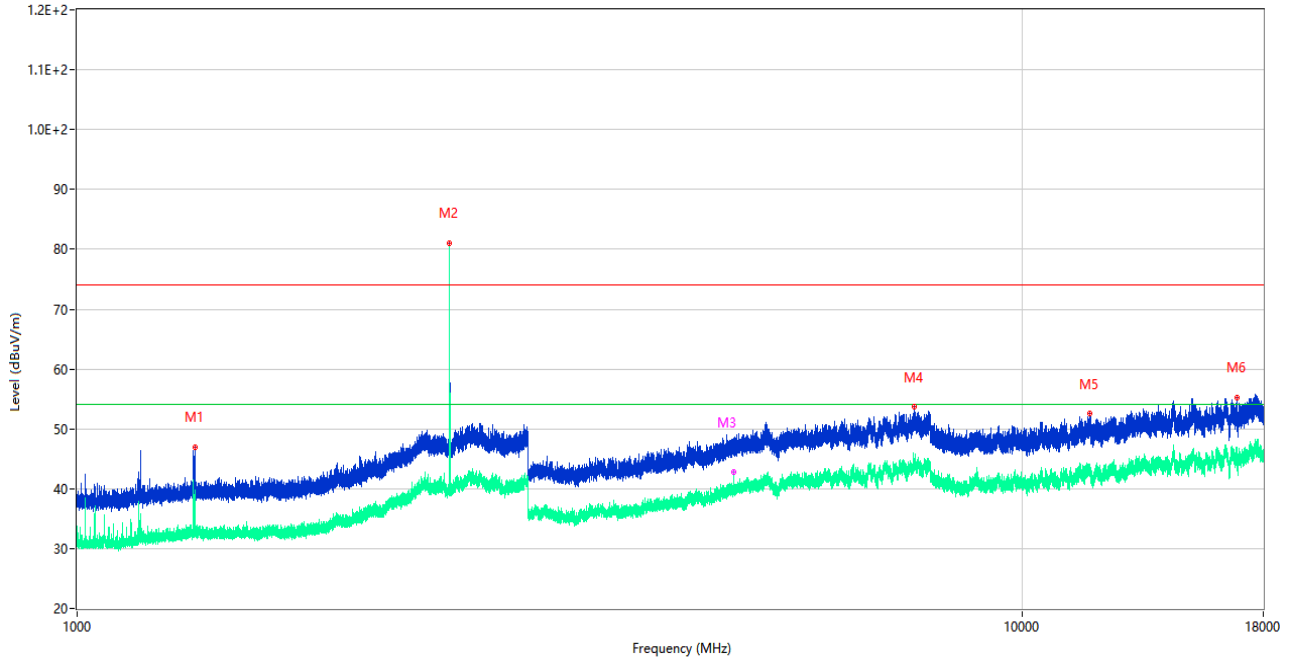
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1188.000	42.64	-17.95	74.0	31.36	Peak	152.00	400	Horizontal	Pass
1**	1188.000	36.71	-17.95	54.0	17.29	AV	152.00	400	Horizontal	Pass
2	2480.400	84.95	-10.95	74.0	-10.95	Peak	118.00	100	Horizontal	N/A
2**	2480.400	83.63	-10.95	54.0	-29.63	AV	118.00	100	Horizontal	N/A
3	4977.750	49.57	-3.37	74.0	24.43	Peak	326.00	150	Horizontal	Pass
3**	4977.750	39.86	-3.37	54.0	14.14	AV	326.00	150	Horizontal	Pass
4	7715.250	53.77	1.51	74.0	20.23	Peak	346.00	100	Horizontal	Pass
4**	7715.250	43.76	1.51	54.0	10.24	AV	346.00	100	Horizontal	Pass
5	12463.100	52.73	1.14	74.0	21.27	Peak	2.00	400	Horizontal	Pass
5**	12463.100	44.38	1.14	54.0	9.62	AV	2.00	400	Horizontal	Pass
6	16436.025	55.60	2.68	74.0	18.40	Peak	292.00	400	Horizontal	Pass
6**	16436.025	45.57	2.68	54.0	8.43	AV	292.00	400	Horizontal	Pass

GFSK (BLE Coded S8) 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	1331.600	47.01	-16.92	74.0	26.99	Peak	259.00	300	Vertical	Pass
1**	1331.600	32.32	-16.92	54.0	21.68	AV	259.00	300	Vertical	Pass
2	2480.400	81.10	-10.95	74.0	-7.10	Peak	179.00	150	Vertical	N/A
2**	2480.400	80.24	-10.95	54.0	-26.24	AV	179.00	150	Vertical	N/A
3	4960.250	47.99	-3.76	74.0	26.01	Peak	346.00	150	Vertical	Pass
3**	4960.250	42.80	-3.76	54.0	11.20	AV	346.00	150	Vertical	Pass
4	7692.750	53.62	0.88	74.0	20.38	Peak	305.00	100	Vertical	Pass
4**	7692.750	43.79	0.88	54.0	10.21	AV	305.00	100	Vertical	Pass
5	11799.525	52.51	-0.15	74.0	21.49	Peak	9.00	100	Vertical	Pass
5**	11799.525	43.21	-0.15	54.0	10.79	AV	9.00	100	Vertical	Pass
6	16868.625	55.26	3.25	74.0	18.74	Peak	1.00	100	Vertical	Pass
6**	16868.625	46.28	3.25	54.0	7.72	AV	1.00	100	Vertical	Pass

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

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

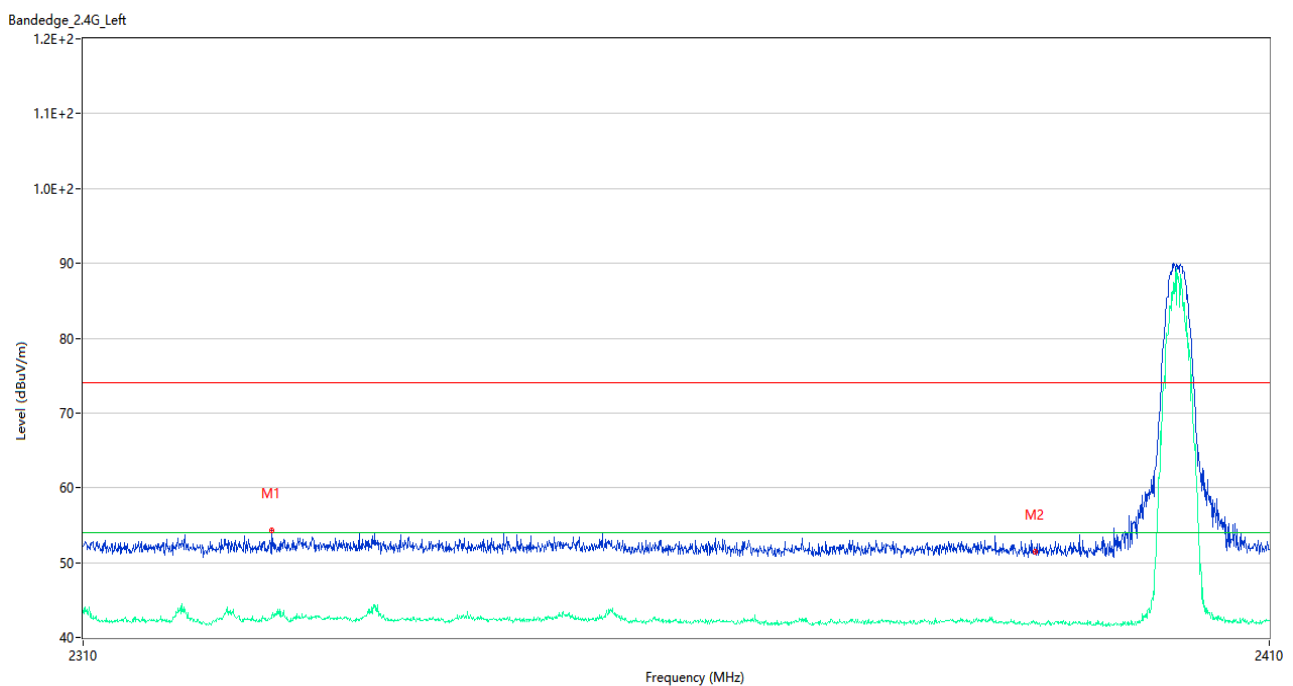
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

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

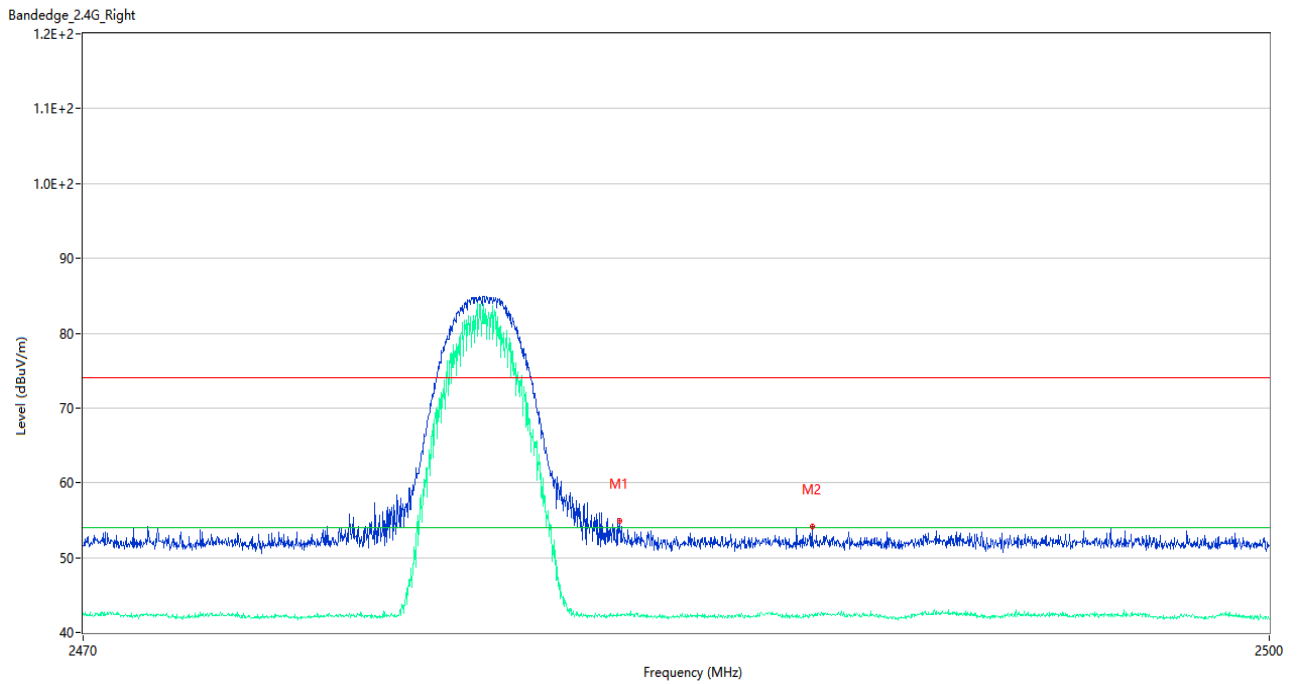
Test Data and Plots

GFSK (BLE 1Mbps) LOW CHANNEL



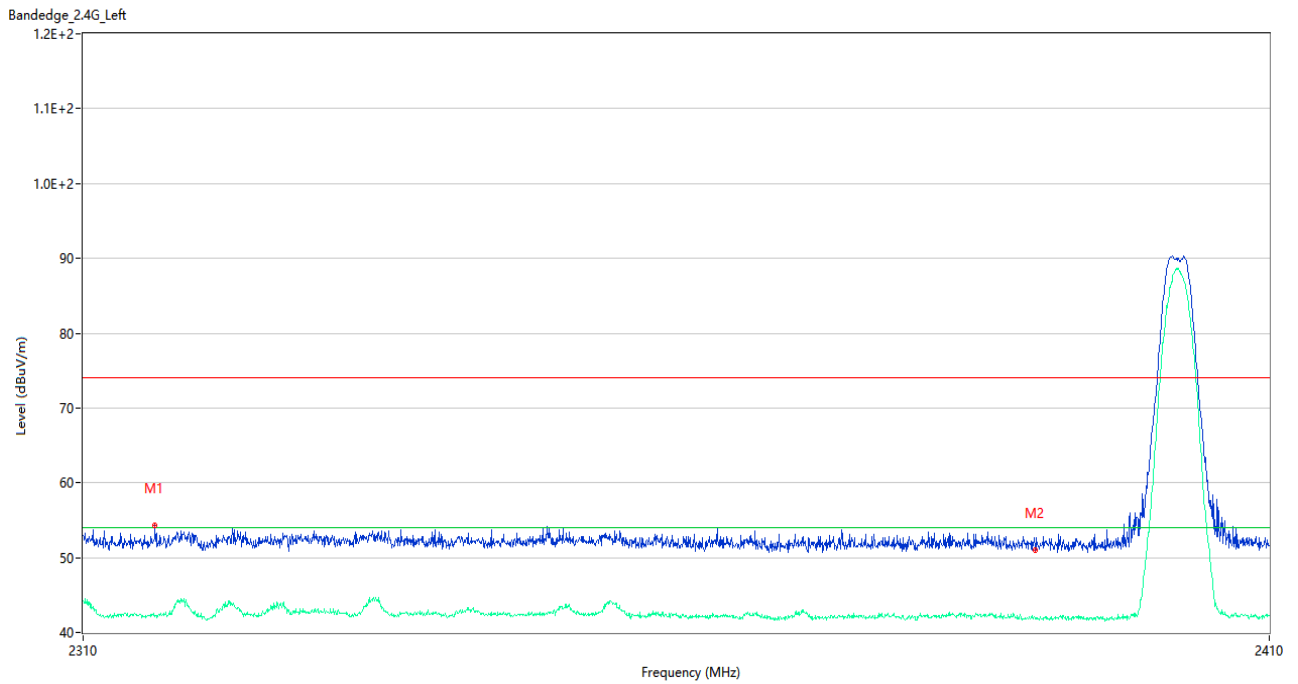
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2325.650	54.26	-1.32	74.0	19.74	Peak	33.00	200	Horizontal	Pass
1**	2325.650	42.90	-1.32	54.0	11.10	AV	33.00	200	Horizontal	Pass
2	2389.950	51.45	-1.82	74.0	22.55	Peak	150.00	150	Horizontal	Pass
2**	2389.950	42.00	-1.82	54.0	12.00	AV	150.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



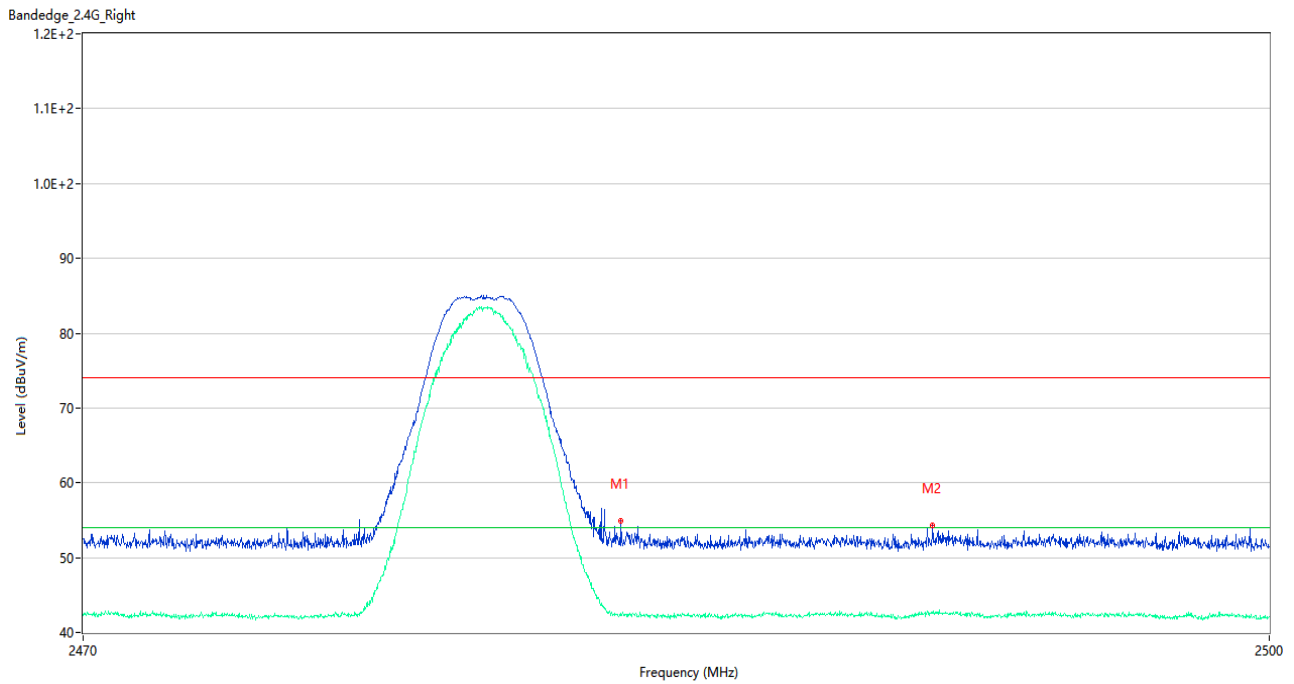
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	54.94	-1.10	74.0	19.06	Peak	114.00	150	Horizontal	Pass
1**	2483.515	42.23	-1.10	54.0	11.77	AV	114.00	150	Horizontal	Pass
2	2488.390	54.09	-0.97	74.0	19.91	Peak	141.00	200	Horizontal	Pass
2**	2488.390	42.34	-0.97	54.0	11.66	AV	141.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



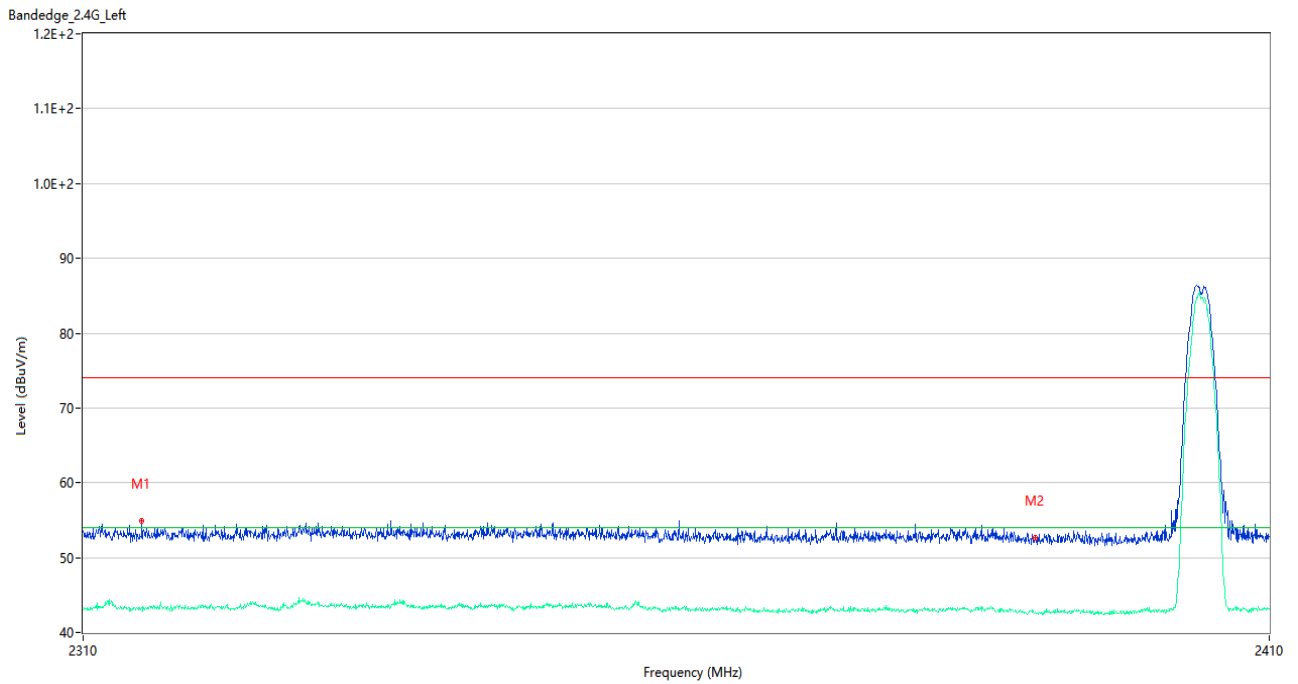
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2315.950	54.33	-1.38	74.0	19.67	Peak	219.00	200	Horizontal	Pass
1**	2315.950	42.08	-1.38	54.0	11.92	AV	219.00	200	Horizontal	Pass
2	2389.950	51.03	-1.82	74.0	22.97	Peak	321.00	100	Horizontal	Pass
2**	2389.950	41.88	-1.82	54.0	12.12	AV	321.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



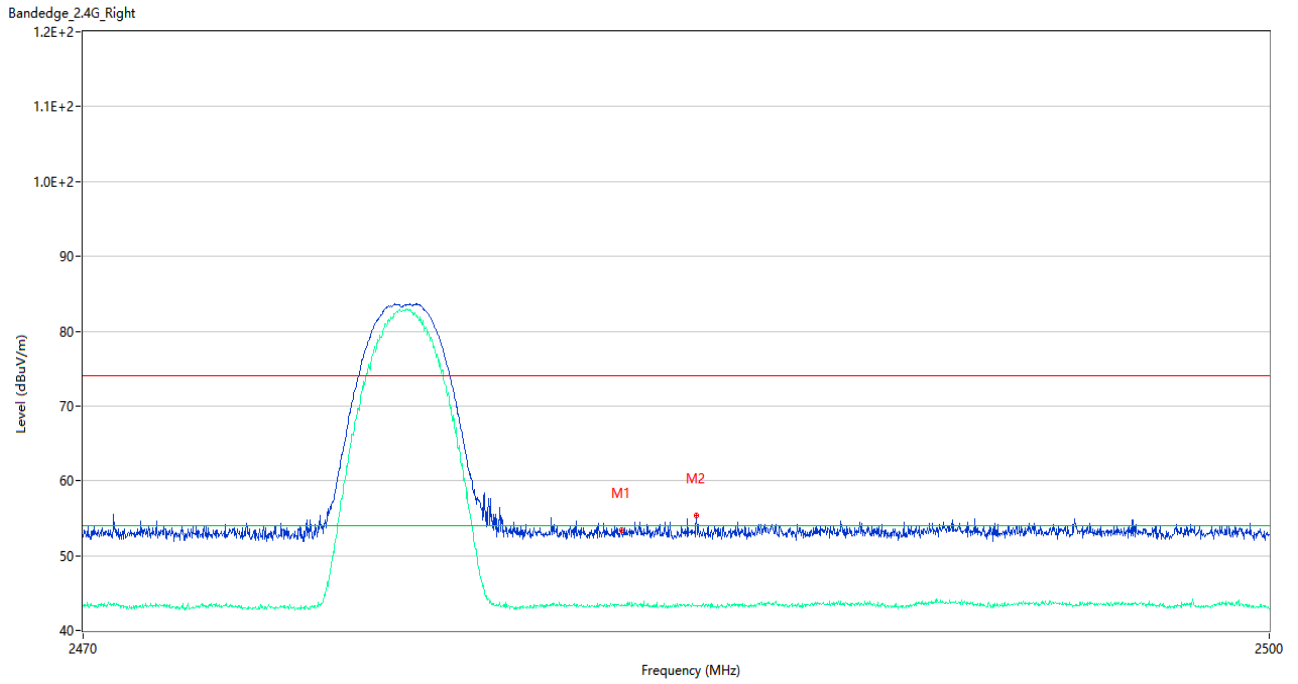
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	54.92	-1.09	74.0	19.08	Peak	113.00	100	Horizontal	Pass
1**	2483.560	42.53	-1.09	54.0	11.47	AV	113.00	100	Horizontal	Pass
2	2491.450	54.34	-0.70	74.0	19.66	Peak	295.00	200	Horizontal	Pass
2**	2491.450	42.58	-0.70	54.0	11.42	AV	295.00	200	Horizontal	Pass

GFSK (BLE Coded S2) LOW CHANNEL



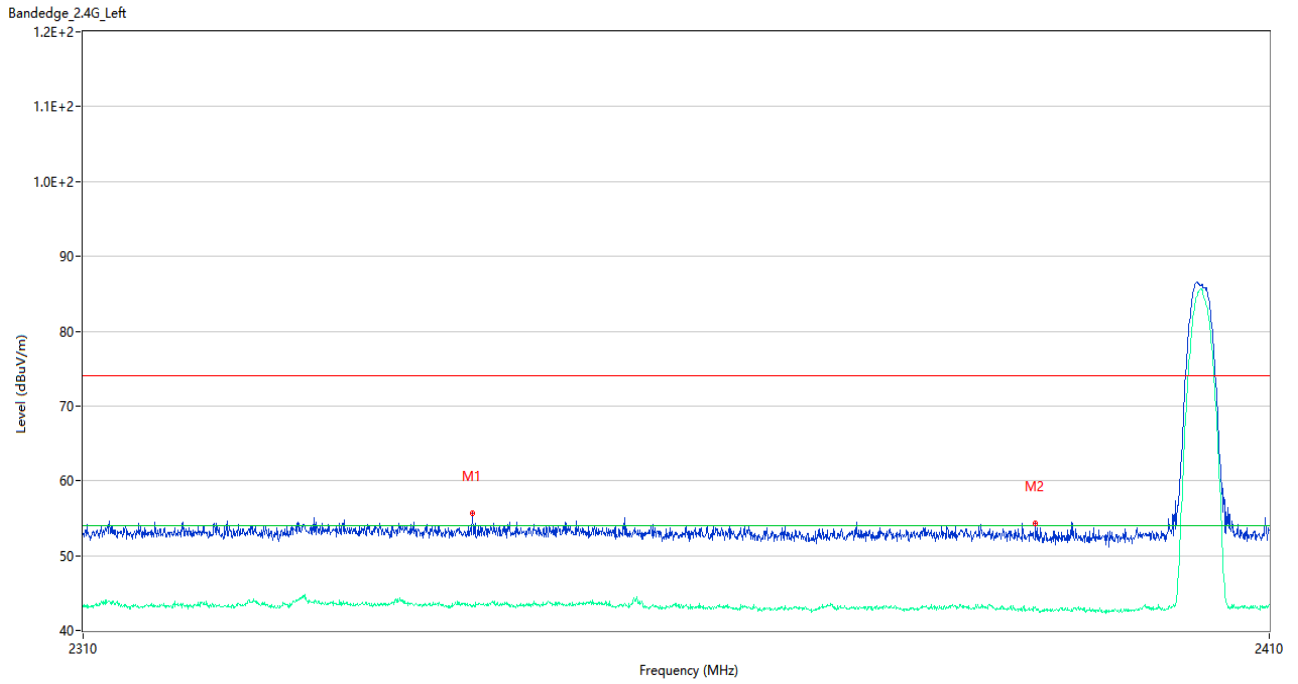
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2314.850	54.92	-1.47	74.0	19.08	Peak	305.00	200	Horizontal	Pass
1**	2314.850	43.34	-1.47	54.0	10.66	AV	305.00	200	Horizontal	Pass
2	2389.950	52.68	-1.82	74.0	21.32	Peak	305.00	200	Horizontal	Pass
2**	2389.950	42.76	-1.82	54.0	11.24	AV	305.00	200	Horizontal	Pass

GFSK (BLE Coded S2) HIGH CHANNEL



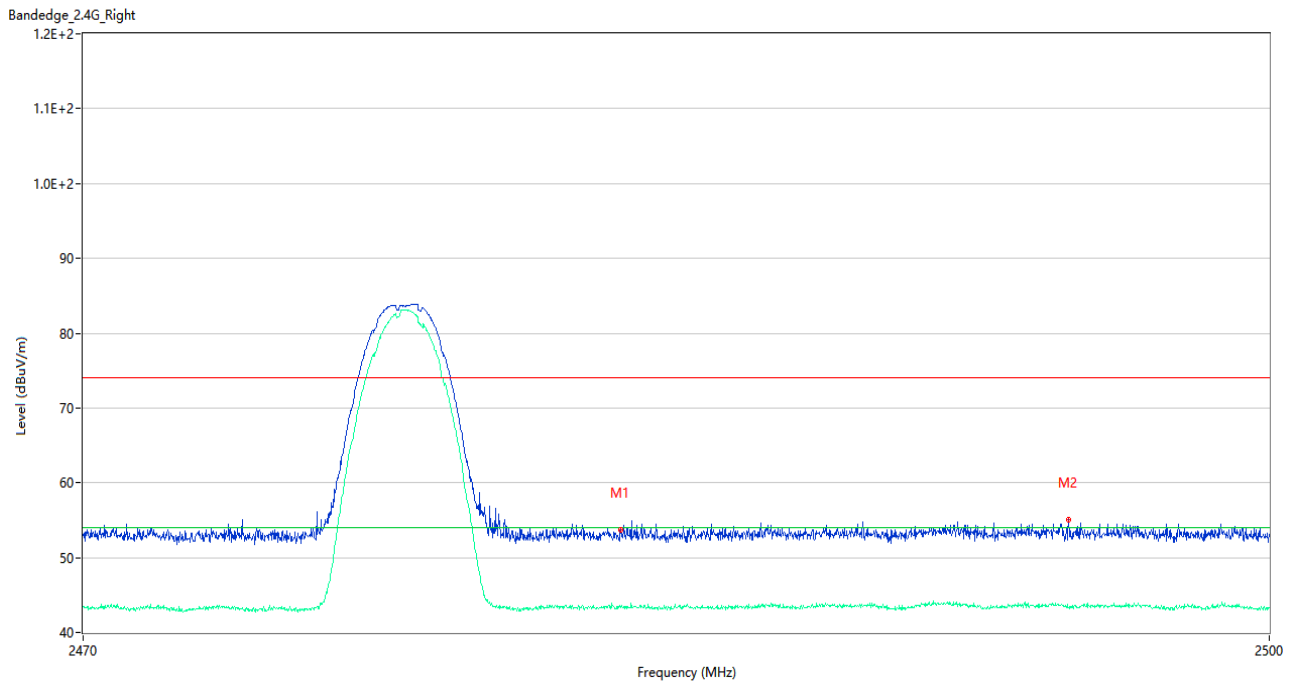
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	53.44	-1.09	74.0	20.56	Peak	64.00	100	Horizontal	Pass
1**	2483.575	43.27	-1.09	54.0	10.73	AV	64.00	100	Horizontal	Pass
2	2485.465	55.40	-1.10	74.0	18.60	Peak	0.00	100	Horizontal	Pass
2**	2485.465	43.30	-1.10	54.0	10.70	AV	0.00	100	Horizontal	Pass

GFSK (BLE Coded S8) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2342.350	55.59	-1.16	74.0	18.41	Peak	360.00	200	Horizontal	Pass
1**	2342.350	43.18	-1.16	54.0	10.82	AV	360.00	200	Horizontal	Pass
2	2389.950	54.31	-1.82	74.0	19.69	Peak	242.00	200	Horizontal	Pass
2**	2389.950	43.16	-1.82	54.0	10.84	AV	242.00	200	Horizontal	Pass

GFSK (BLE Coded S8) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	53.64	-1.09	74.0	20.36	Peak	341.00	150	Horizontal	Pass
1**	2483.560	43.42	-1.09	54.0	10.58	AV	341.00	150	Horizontal	Pass
2	2494.900	55.09	-1.01	74.0	18.91	Peak	342.00	150	Horizontal	Pass
2**	2494.900	43.36	-1.01	54.0	10.64	AV	342.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-15.18	8	Pass
Middle Channel	-15.34	8	Pass
High Channel	-15.31	8	Pass

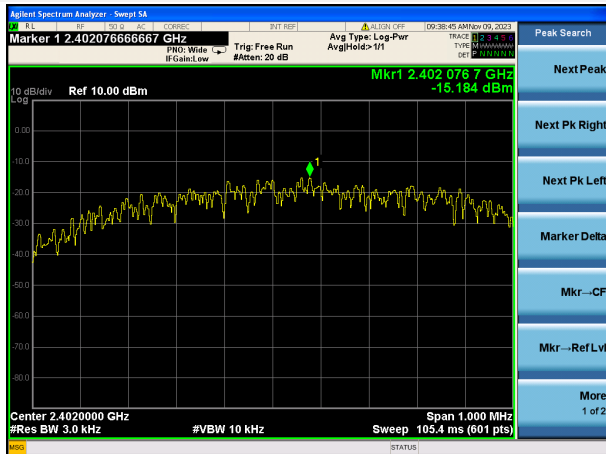
GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-17.69	8	Pass
Middle Channel	-17.78	8	Pass
High Channel	-17.90	8	Pass

GFSK (BLE Coded S2)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-6.17	8	Pass
Middle Channel	-6.50	8	Pass
High Channel	-6.57	8	Pass

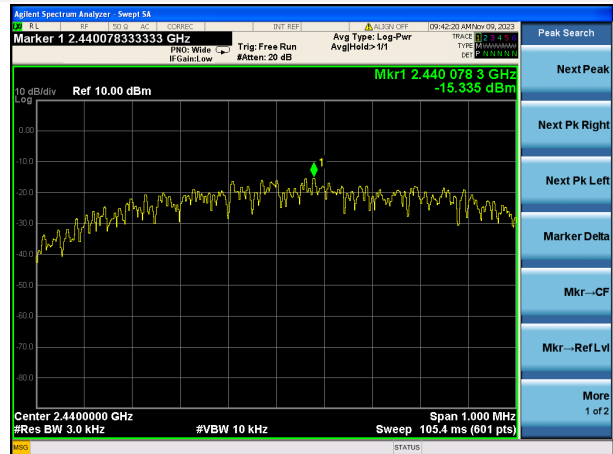
GFSK (BLE Coded S8)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-6.00	8	Pass
Middle Channel	-6.19	8	Pass
High Channel	-6.40	8	Pass

Test Plots

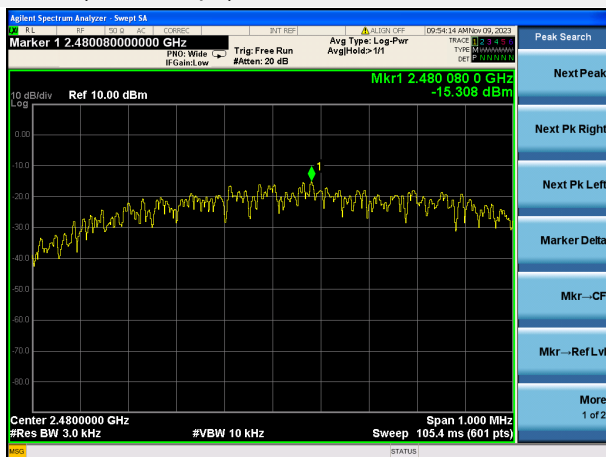
GFSK (BLE 1Mbps) LOW CHANNEL



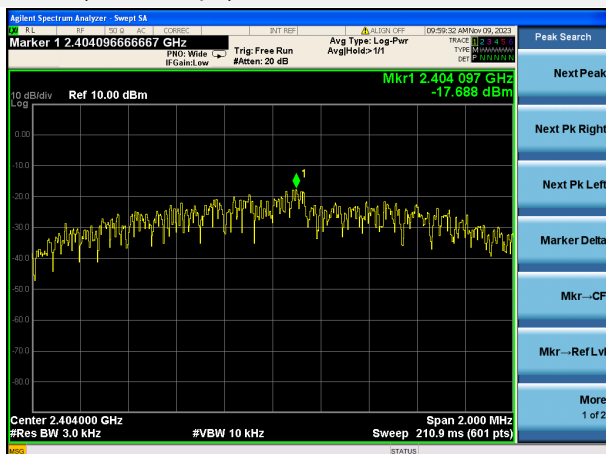
GFSK (BLE 1Mbps) MIDDLE CHANNEL



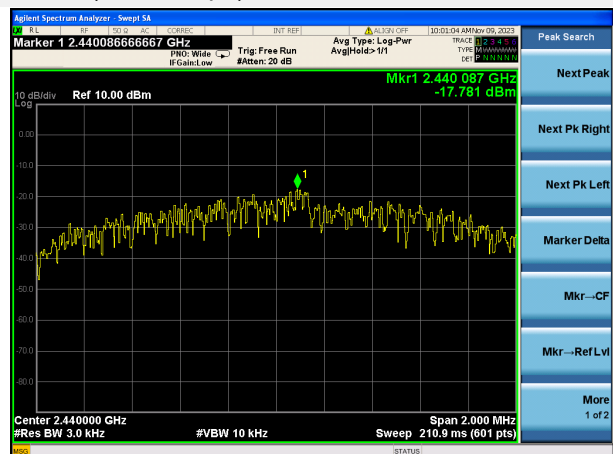
GFSK (BLE 1Mbps) HIGH CHANNEL



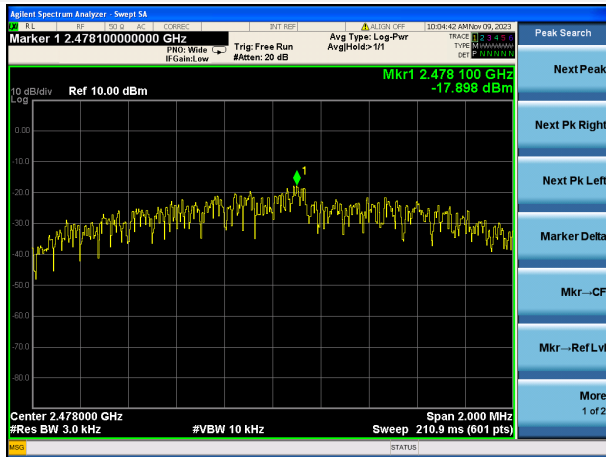
GFSK (BLE 2Mbps) LOW CHANNEL



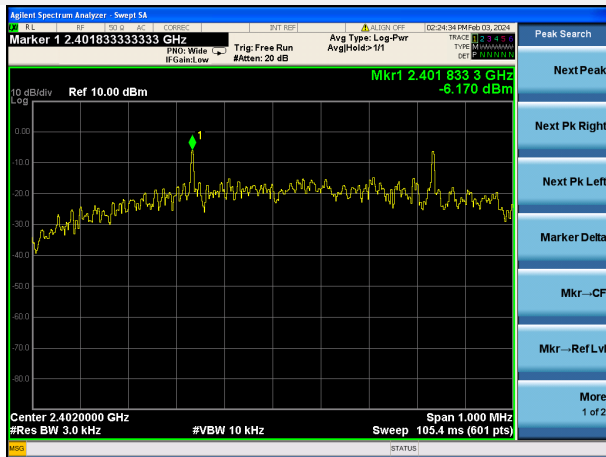
GFSK (BLE 2Mbps) MIDDLE CHANNEL



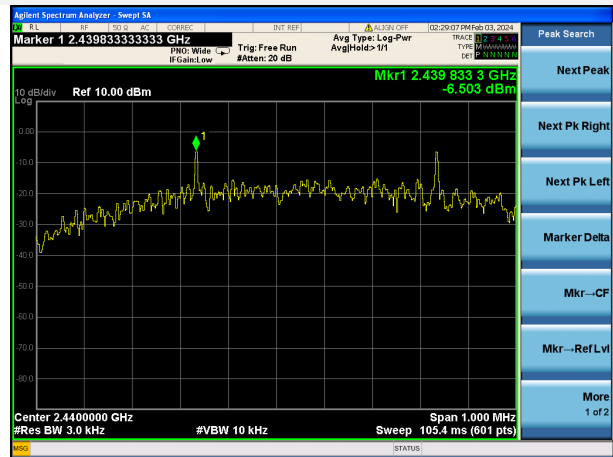
GFSK (BLE 2Mbps) HIGH CHANNEL



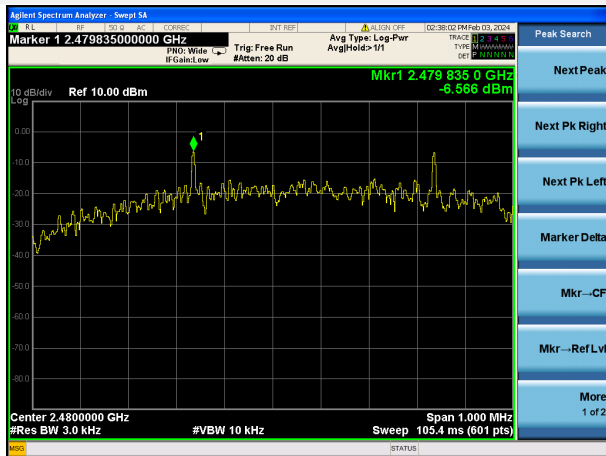
GFSK (BLE Coded S2) LOW CHANNEL



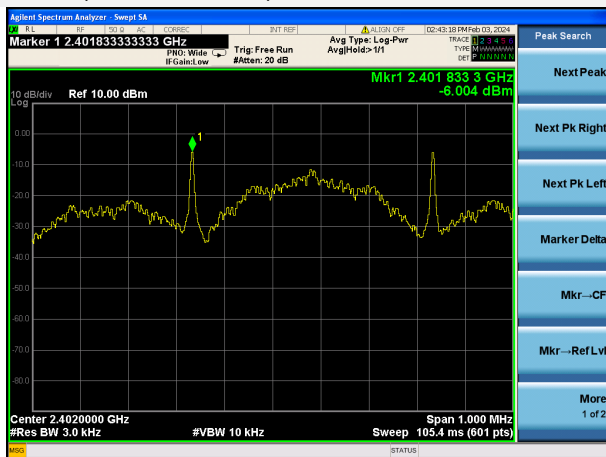
GFSK (BLE Coded S2) MIDDLE CHANNEL



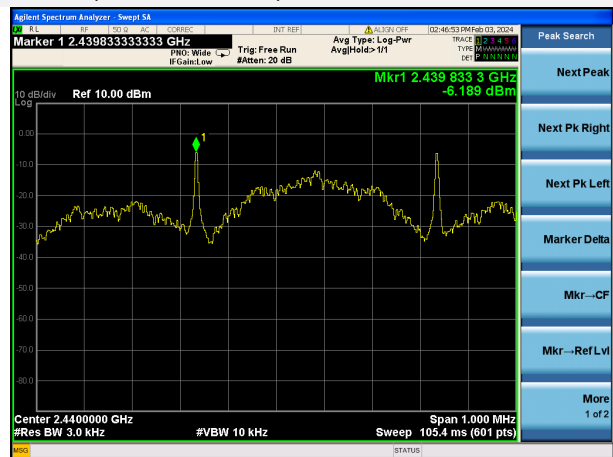
GFSK (BLE Coded S2) HIGH CHANNEL



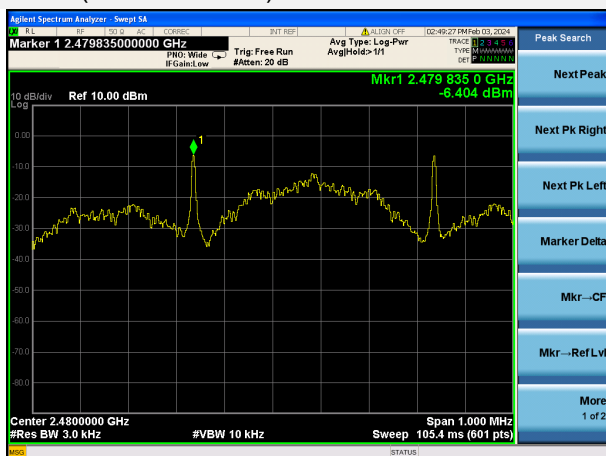
GFSK (BLE Coded S8) LOW CHANNEL



GFSK (BLE Coded S8) MIDDLE CHANNEL



GFSK (BLE Coded S8) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23A0645-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23A0645-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23A0645-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
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--END OF REPORT--