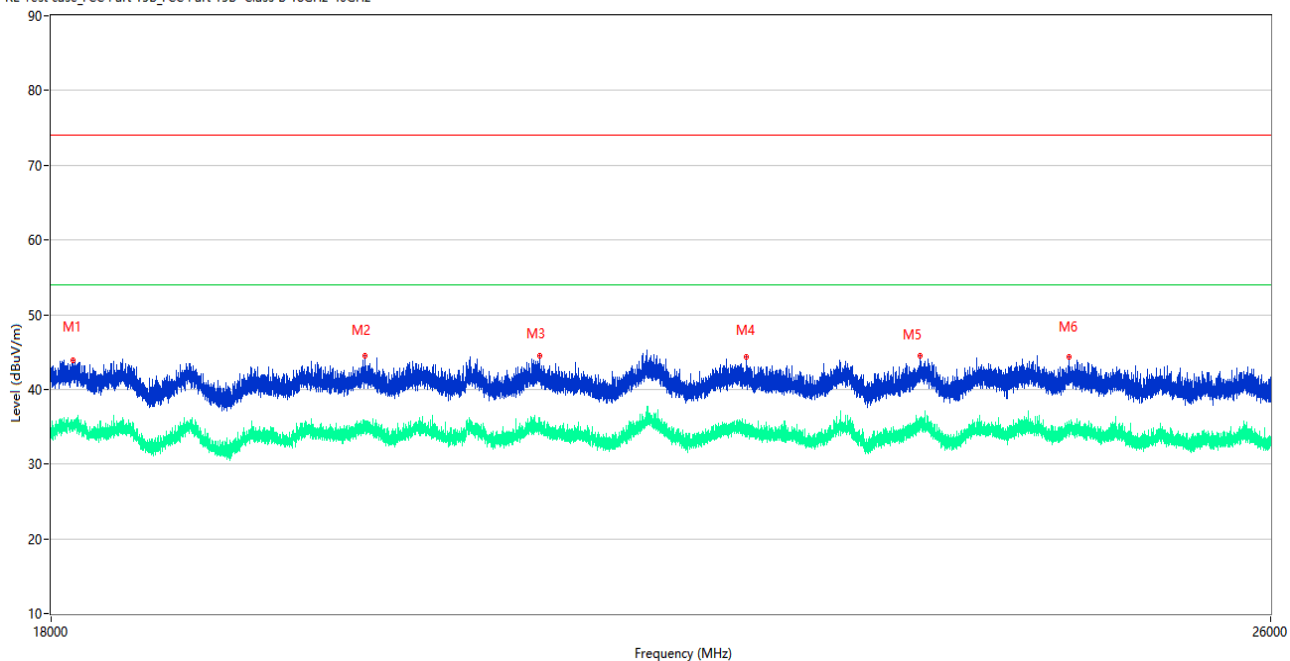


GFSK (BLE 1Mbps) MIDDLE CHANNEL 18 GHz to 26 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 18GHz-40GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	18121.200	43.94	74.0	30.06	Peak	63.00	200	Vertical	Pass
1**	18121.200	35.15	54.0	18.85	AV	63.00	200	Vertical	Pass
2	19784.401	44.49	74.0	29.51	Peak	42.00	100	Vertical	Pass
2**	19784.401	35.63	54.0	18.37	AV	42.00	100	Vertical	Pass
3	20858.401	44.47	74.0	29.53	Peak	163.00	100	Vertical	Pass
3**	20858.401	35.29	54.0	18.71	AV	163.00	100	Vertical	Pass
4	22196.400	44.29	74.0	29.71	Peak	189.00	200	Vertical	Pass
4**	22196.400	35.22	54.0	18.78	AV	189.00	200	Vertical	Pass
5	23391.199	44.56	74.0	29.44	Peak	100.00	300	Vertical	Pass
5**	23391.199	35.60	54.0	18.40	AV	100.00	300	Vertical	Pass
6	24465.199	44.39	74.0	29.61	Peak	229.00	200	Vertical	Pass
6**	24465.199	34.82	54.0	19.18	AV	229.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.600	46.92	74.0	27.08	Peak	350.00	200	Horizontal	Pass
1**	1332.600	39.17	54.0	14.83	AV	350.00	200	Horizontal	Pass
2	2480.200	101.26	--	--	Peak	346.00	200	Horizontal	N/A
2**	2480.200	101.01	--	--	AV	346.00	200	Horizontal	N/A
3	2987.200	54.41	74.0	19.59	Peak	286.00	100	Horizontal	Pass
3**	2987.200	45.29	54.0	8.71	AV	286.00	100	Horizontal	Pass
4	4960.750	49.75	74.0	24.25	Peak	304.00	100	Horizontal	Pass
4**	4960.750	47.3	54.0	6.70	AV	304.00	100	Horizontal	Pass
5	7934.750	55.54	74.0	18.46	Peak	109.00	100	Horizontal	Pass
5**	7934.750	47.13	54.0	6.87	AV	109.00	100	Horizontal	Pass
6	17083.350	52.30	74.0	21.70	Peak	359.00	200	Horizontal	Pass
6**	17083.350	42.86	54.0	11.14	AV	359.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.600	45.42	74.0	28.58	Peak	49.00	200	Vertical	Pass
1**	1602.600	35.27	54.0	18.73	AV	49.00	200	Vertical	Pass
2	2480.200	88.92	--	--	Peak	190.00	100	Vertical	N/A
2**	2480.200	88.32	--	--	AV	190.00	100	Vertical	N/A
3	2971.500	54.60	74.0	19.40	Peak	262.00	100	Vertical	Pass
3**	2971.500	45.45	54.0	8.55	AV	262.00	100	Vertical	Pass
4	4959.750	49.46	74.0	24.54	Peak	119.00	100	Vertical	Pass
4**	4959.750	45.85	54.0	8.15	AV	119.00	100	Vertical	Pass
5	7643.750	56.10	74.0	17.90	Peak	336.00	100	Vertical	Pass
5**	7643.750	46.08	54.0	7.92	AV	336.00	100	Vertical	Pass
6	17979.001	52.76	74.0	21.24	Peak	166.00	300	Vertical	Pass
6**	17979.001	43.90	54.0	10.10	AV	166.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	46.08	74.0	27.92	Peak	221.00	300	Horizontal	Pass
1**	1332.800	38.45	54.0	15.55	AV	221.00	300	Horizontal	Pass
2	2402.500	96.68	--	--	Peak	349.00	150	Horizontal	N/A
2**	2402.500	94.74	--	--	AV	349.00	150	Horizontal	N/A
3	2992.600	55.56	74.0	18.44	Peak	221.00	100	Horizontal	Pass
3**	2992.600	45.27	54.0	8.73	AV	221.00	100	Horizontal	Pass
4	4805.250	50.74	74.0	23.26	Peak	207.00	100	Horizontal	Pass
4**	4805.250	48.32	74.0	5.68	AV	207.00	100	Horizontal	Pass
5	7958.500	56.10	74.0	17.90	Peak	11.00	200	Horizontal	Pass
5**	7958.500	46.14	54.0	7.86	AV	11.00	200	Horizontal	Pass
6	17999.475	52.39	74.0	21.61	Peak	15.00	200	Horizontal	Pass
6**	17999.475	43.58	54.0	10.42	AV	15.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	45.65	74.0	28.35	Peak	240.00	300	Vertical	Pass
1**	1329.500	36.18	54.0	17.82	AV	240.00	300	Vertical	Pass
2	2402.500	87.12	--	--	Peak	38.00	100	Vertical	N/A
2**	2402.500	85.26	--	--	AV	38.00	100	Vertical	N/A
3	2954.700	54.60	74.0	19.40	Peak	0.00	200	Vertical	Pass
3**	2954.700	45.35	54.0	8.65	AV	0.00	200	Vertical	Pass
4	4803.500	50.51	74.0	23.49	Peak	176.00	100	Vertical	Pass
4**	4803.500	46.64	54.0	7.36	AV	176.00	100	Vertical	Pass
5	7985.750	55.94	74.0	18.06	Peak	360.00	300	Vertical	Pass
5**	7985.750	46.26	54.0	7.74	AV	360.00	300	Vertical	Pass
6	17994.750	52.62	74.0	21.38	Peak	43.00	100	Vertical	Pass
6**	17994.750	43.26	54.0	10.74	AV	43.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.200	46.65	74.0	27.35	Peak	38.00	100	Horizontal	Pass
1**	1408.200	36.56	54.0	17.44	AV	38.00	100	Horizontal	Pass
2	2440.500	98.49	--	--	Peak	348.00	150	Horizontal	N/A
2**	2440.500	96.88	--	--	AV	348.00	150	Horizontal	N/A
3	2975.700	54.48	74.0	19.52	Peak	38.00	100	Horizontal	Pass
3**	2975.700	45.66	54.0	8.34	AV	38.00	100	Horizontal	Pass
4	4879.500	51.36	74.0	22.64	Peak	207.00	100	Horizontal	Pass
4**	4879.500	49.26	54.0	4.74	AV	207.00	100	Horizontal	Pass
5	7869.750	55.60	74.0	18.40	Peak	119.00	100	Horizontal	Pass
5**	7869.750	46.78	54.0	7.22	AV	119.00	100	Horizontal	Pass
6	17973.488	52.19	74.0	21.81	Peak	156.00	100	Horizontal	Pass
6**	17973.488	42.48	54.0	11.52	AV	156.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	45.42	74.0	28.58	Peak	242.00	400	Vertical	Pass
1**	1328.000	35.67	54.0	18.33	AV	242.00	400	Vertical	Pass
2	2439.500	87.91	--	--	Peak	263.00	100	Vertical	N/A
2**	2439.500	84.32	--	--	AV	263.00	100	Vertical	N/A
3	2983.000	54.11	74.0	19.89	Peak	272.00	150	Vertical	Pass
3**	2983.000	45.44	54.0	8.56	AV	272.00	150	Vertical	Pass
4	4879.000	51.70	74.0	22.30	Peak	119.00	100	Vertical	Pass
4**	4879.000	47.25	54.0	6.75	AV	119.00	100	Vertical	Pass
5	7924.250	55.83	74.0	18.17	Peak	160.00	300	Vertical	Pass
5**	7924.250	47.37	54.0	6.63	AV	160.00	300	Vertical	Pass
6	17985.036	52.30	74.0	21.70	Peak	246.00	100	Vertical	Pass
6**	17985.036	42.94	54.0	11.06	AV	246.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1006.900	46.15	74.0	27.85	Peak	199.00	400	Horizontal	Pass
1**	1006.900	37.74	54.0	16.26	AV	199.00	400	Horizontal	Pass
2	2480.500	101.26	--	--	Peak	345.00	100	Horizontal	N/A
2**	2480.500	99.82	--	--	AV	345.00	100	Horizontal	N/A
3	2982.500	54.14	74.0	19.86	Peak	232.00	200	Horizontal	Pass
3**	2982.500	44.92	54.0	9.08	AV	232.00	200	Horizontal	Pass
4	4961.250	51.84	74.0	22.16	Peak	201.00	100	Horizontal	Pass
4**	4961.250	48.68	54.0	5.32	AV	201.00	100	Horizontal	Pass
5	7878.500	55.69	74.0	18.31	Peak	129.00	200	Horizontal	Pass
5**	7878.500	46.93	54.0	7.07	AV	129.00	200	Horizontal	Pass
6	17668.463	52.23	74.0	21.77	Peak	325.00	100	Horizontal	Pass
6**	17668.463	41.79	54.0	12.21	AV	325.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1217.800	45.38	74.0	28.62	Peak	1.00	400	Vertical	Pass
1**	1217.800	35.02	54.0	18.98	AV	1.00	400	Vertical	Pass
2	2480.500	88.90	--	--	Peak	188.00	150	Vertical	N/A
2**	2480.500	86.79	--	--	AV	188.00	150	Vertical	N/A
3	2973.700	54.73	74.0	19.27	Peak	349.00	150	Vertical	Pass
3**	2973.700	45.56	54.0	8.44	AV	349.00	150	Vertical	Pass
4	4959.250	49.83	74.0	24.17	Peak	104.00	100	Vertical	Pass
4**	4959.250	46.22	54.0	7.78	AV	104.00	100	Vertical	Pass
5	7613.250	55.49	74.0	18.51	Peak	192.00	100	Vertical	Pass
5**	7613.250	46.02	54.0	7.98	AV	192.00	100	Vertical	Pass
6	17989.501	51.66	74.0	22.34	Peak	11.00	200	Vertical	Pass
6**	17989.501	43.73	54.0	10.27	AV	11.00	200	Vertical	Pass

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

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

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

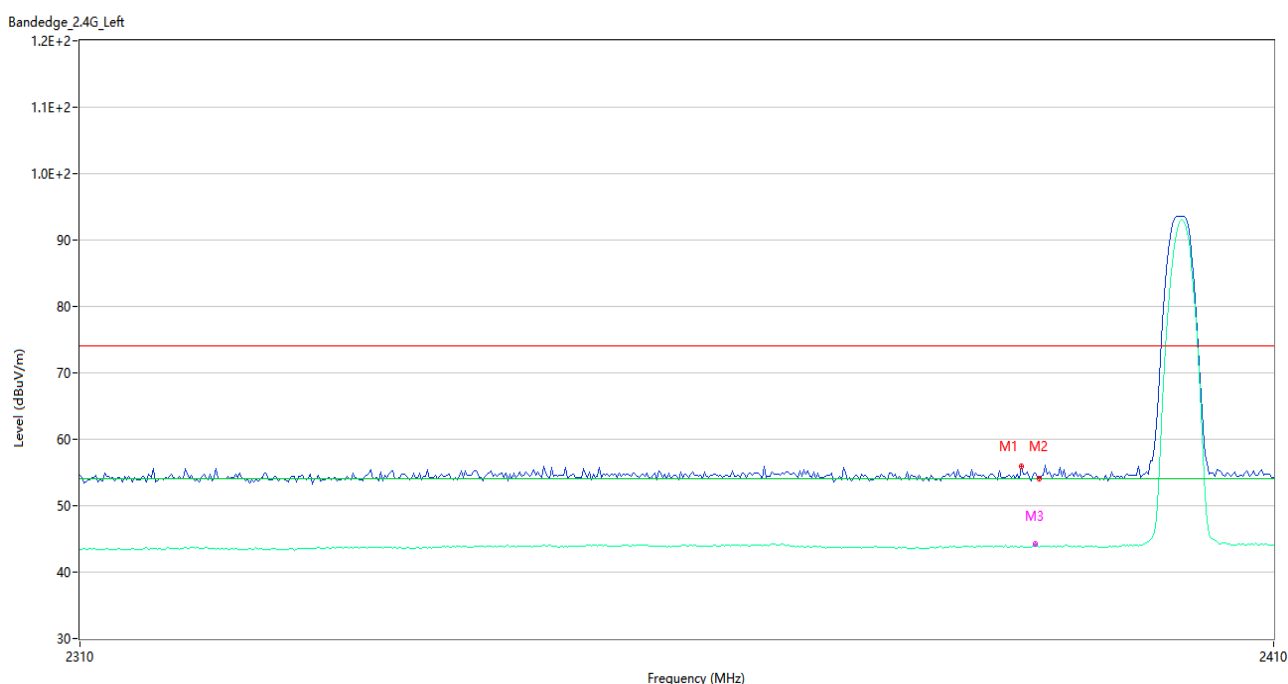
Note³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note⁴: The Level (dBuV/m) has been corrected by factor.

Note⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

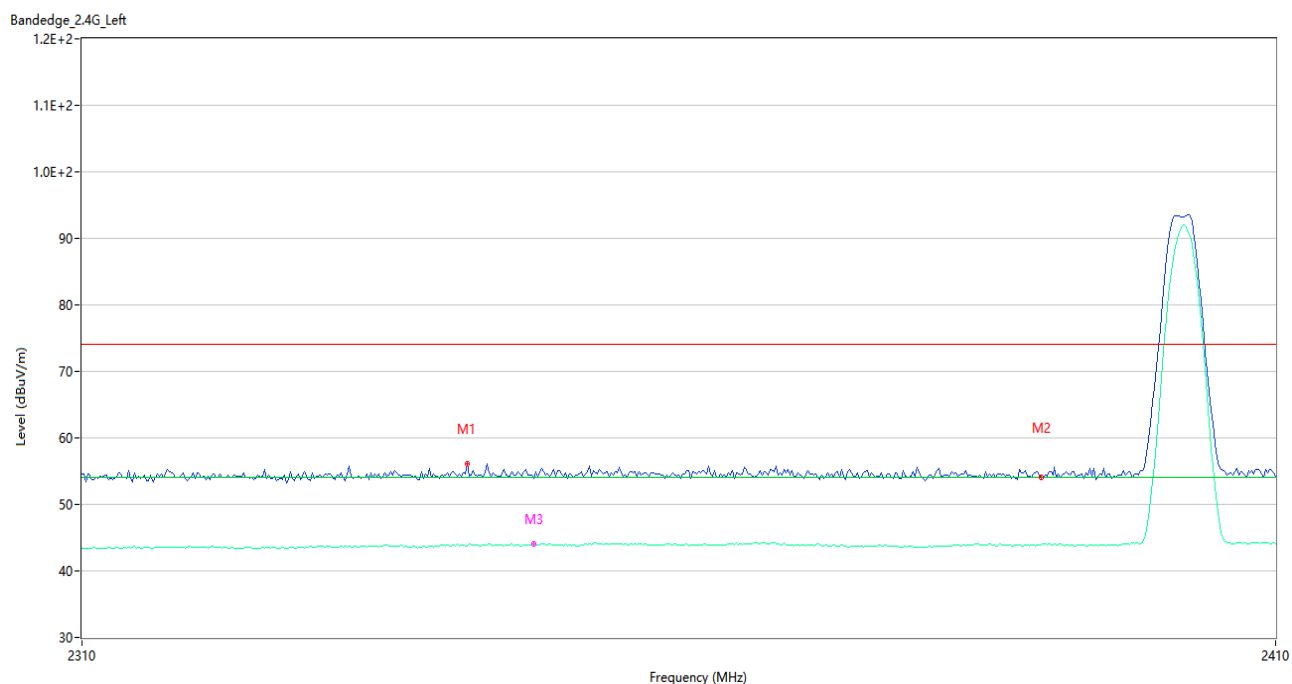
GFSK (BLE 1Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.500	56.01	74.0	17.99	Peak	181.00	300	Horizontal	Pass
1**	2388.500	43.90	54.0	10.10	AV	181.00	300	Horizontal	Pass
2	2390.000	54.00	74.0	20.00	Peak	329.00	100	Horizontal	Pass
2**	2390.000	43.81	54.0	10.19	AV	329.00	100	Horizontal	Pass
3	2389.667	54.89	74.0	19.11	Peak	252.00	100	Horizontal	Pass
3**	2389.667	44.16	54.0	9.84	AV	252.00	100	Horizontal	Pass

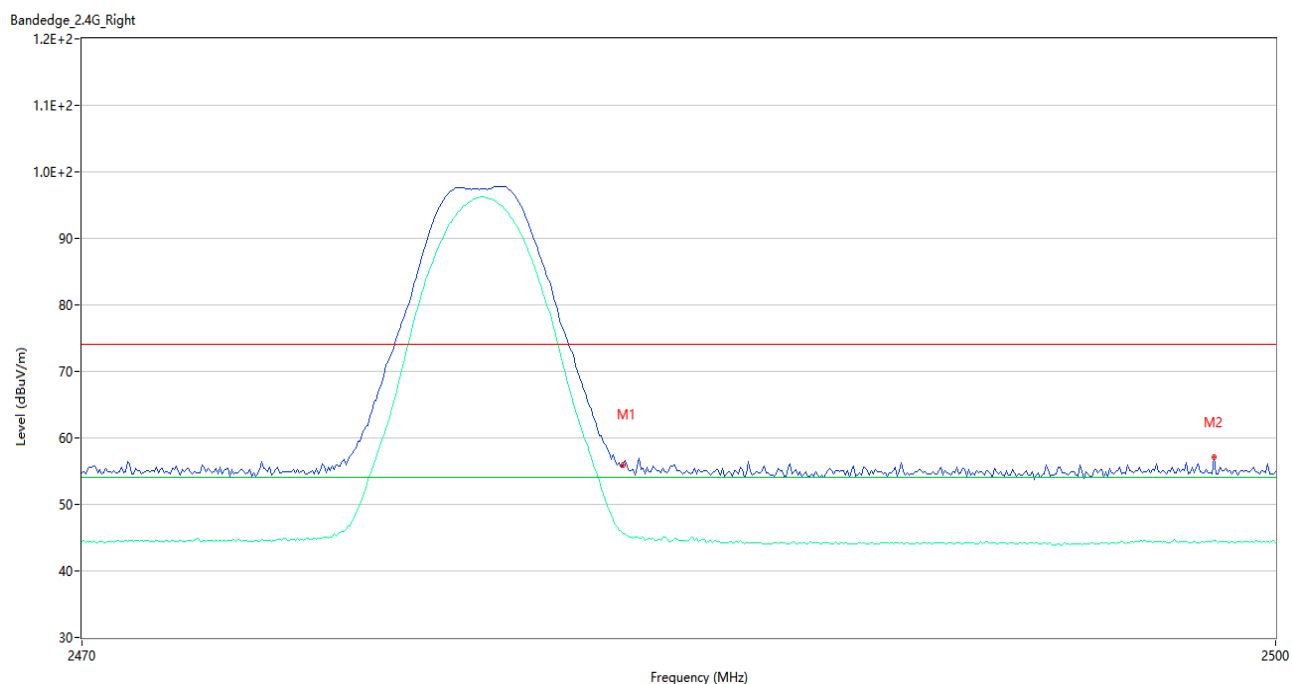
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.86	74.0	18.14	Peak	360.00	300	Horizontal	Pass
1**	2483.500	45.20	54.0	8.80	AV	360.00	300	Horizontal	Pass
2	2498.450	57.14	74.0	16.86	Peak	354.00	100	Horizontal	Pass
2**	2498.450	44.16	54.0	9.84	AV	354.00	100	Horizontal	Pass
3	2483.600	54.57	74.0	19.43	Peak	55.00	100	Horizontal	Pass
3**	2483.600	45.34	54.0	8.66	AV	55.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2341.833	56.06	74.0	17.94	Peak	186.00	200	Horizontal	Pass
1**	2341.833	43.77	54.0	10.23	AV	186.00	200	Horizontal	Pass
2	2390.000	54.12	74.0	19.88	Peak	194.00	100	Horizontal	Pass
2**	2390.000	43.87	54.0	10.13	AV	194.00	100	Horizontal	Pass
3	2347.333	53.94	74.0	20.06	Peak	341.00	100	Horizontal	Pass
3**	2347.333	44.11	54.0	9.89	AV	341.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	55.87	74.0	18.13	Peak	353.00	400	Horizontal	Pass
1**	2483.550	45.57	54.0	8.43	AV	353.00	400	Horizontal	Pass
2	2498.450	57.12	74.0	16.88	Peak	222.00	400	Horizontal	Pass
2**	2498.450	44.53	54.0	9.47	AV	222.00	400	Horizontal	Pass

A.8 Power Spectral Density (PSD)

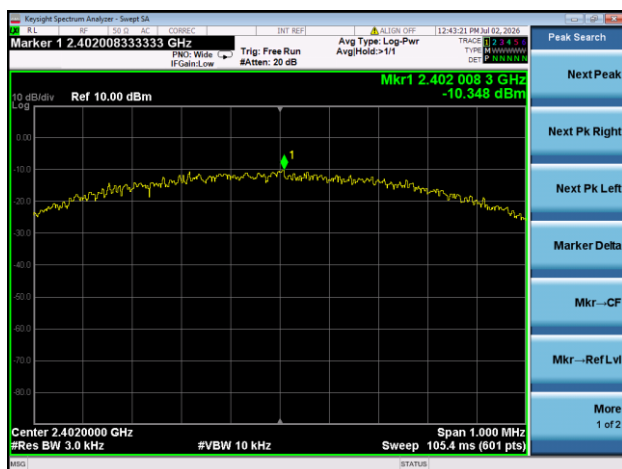
Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-10.35	8	Pass
Middle Channel	-10.31	8	Pass
High Channel	-10.56	8	Pass

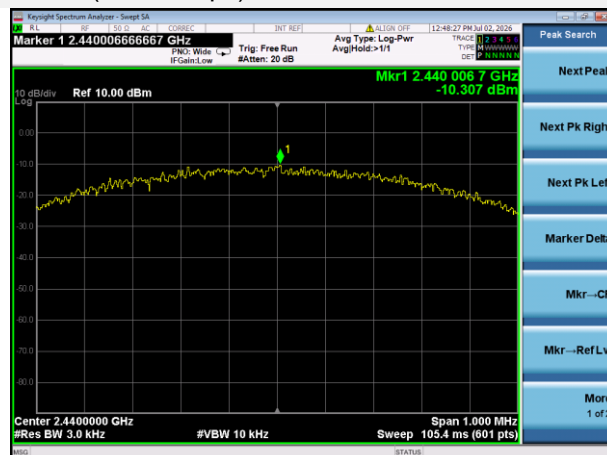
GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-13.56	8	Pass
Middle Channel	-13.68	8	Pass
High Channel	-13.77	8	Pass

Test Plots

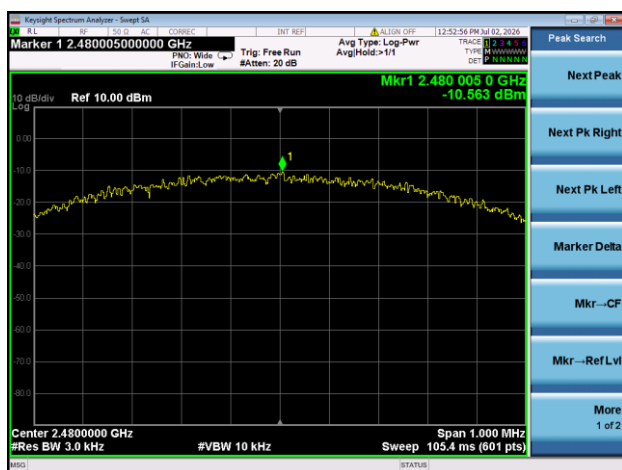
GFSK (BLE 1Mbps) LOW CHANNEL



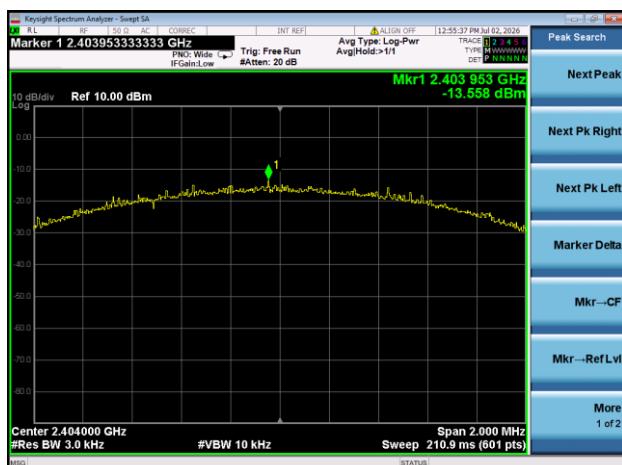
GFSK (BLE 1Mbps) MIDDLE CHANNEL



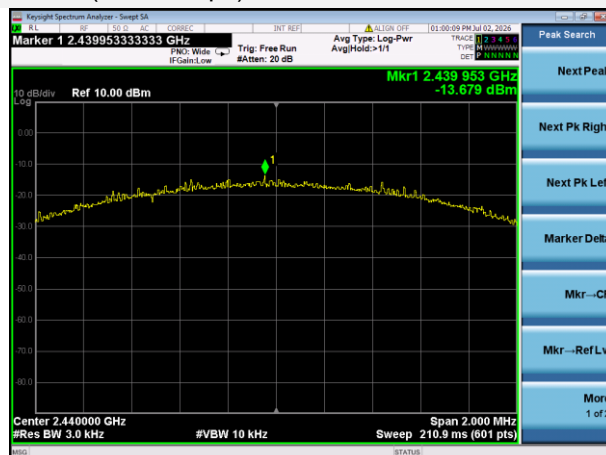
GFSK (BLE 1Mbps) HIGH CHANNEL



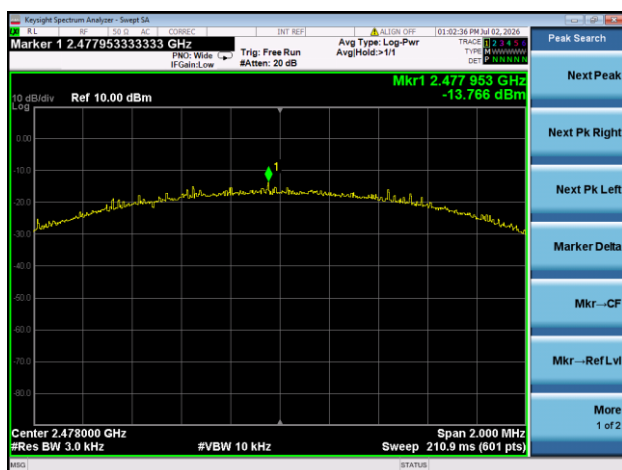
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26060416-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26060416-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26060416-AI.PDF”.

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--END OF REPORT--