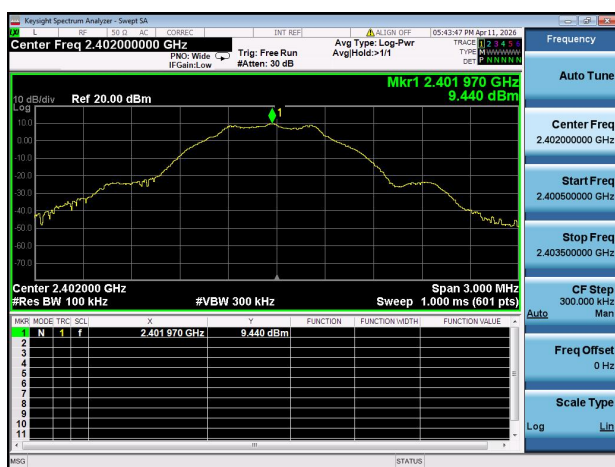
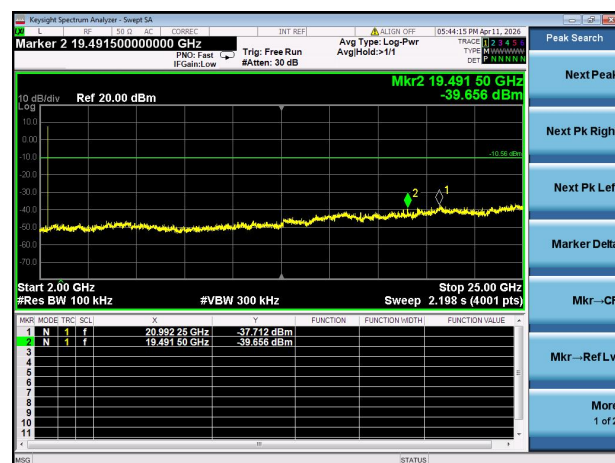
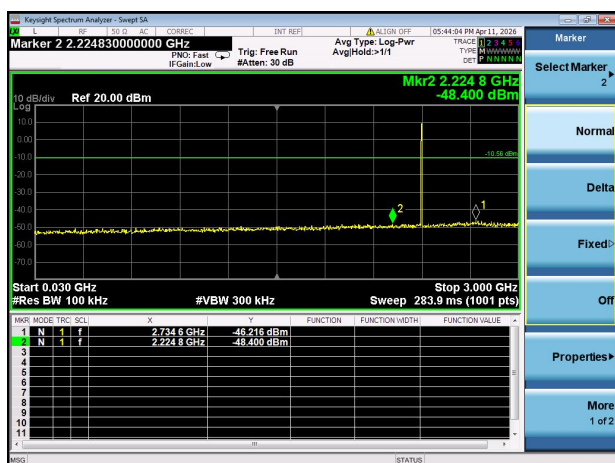


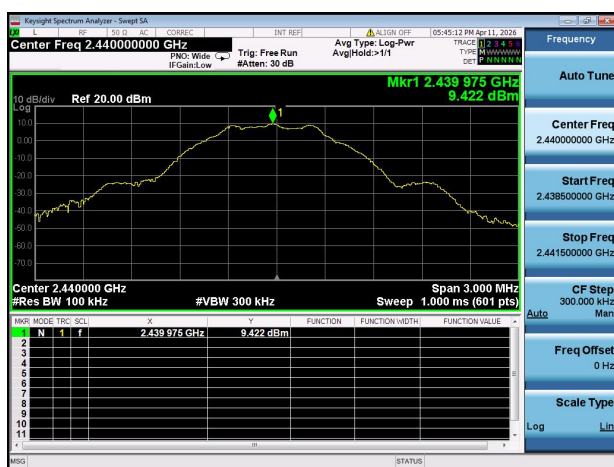
GFSK (BLE 1Mbps) LOW CHANNEL,
CARRIER LEVEL



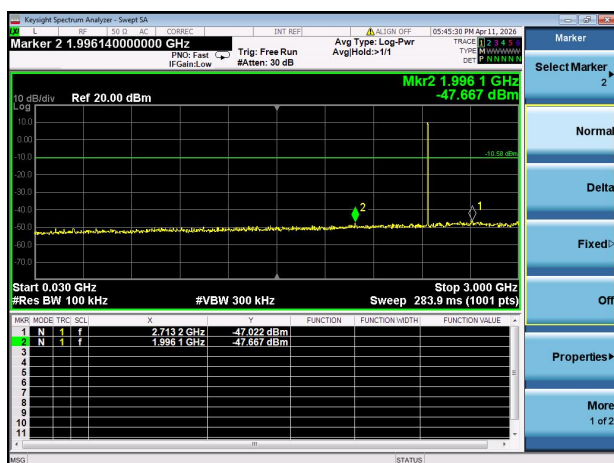
GFSK (BLE 1Mbps) LOW CHANNEL,
SPURIOUS 2 GHz ~ 25 GHz



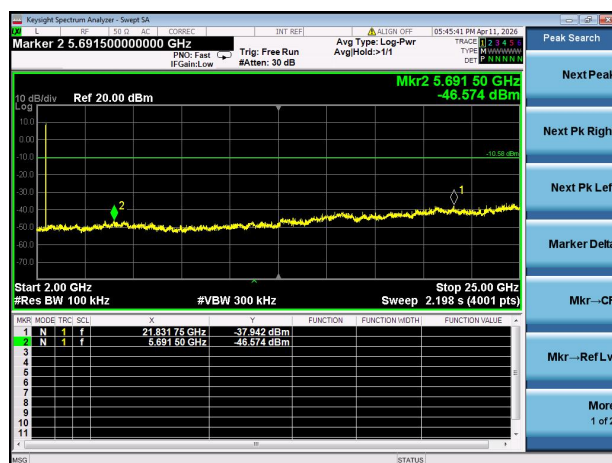
GFSK (BLE 1Mbps) MIDDLE CHANNEL, CARRIER LEVEL

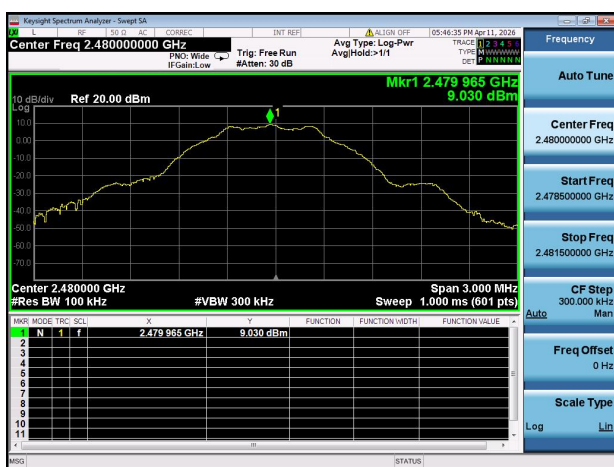
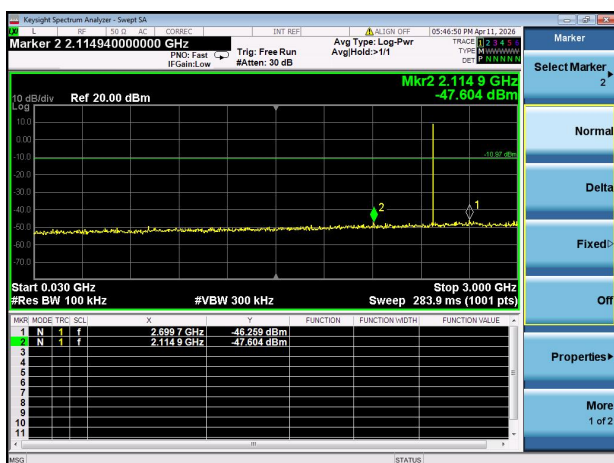
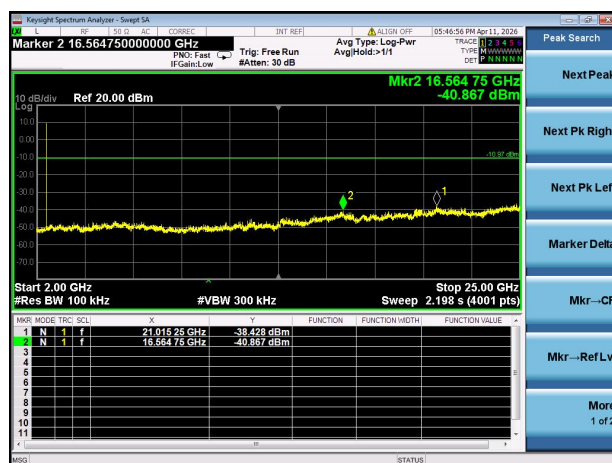


GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

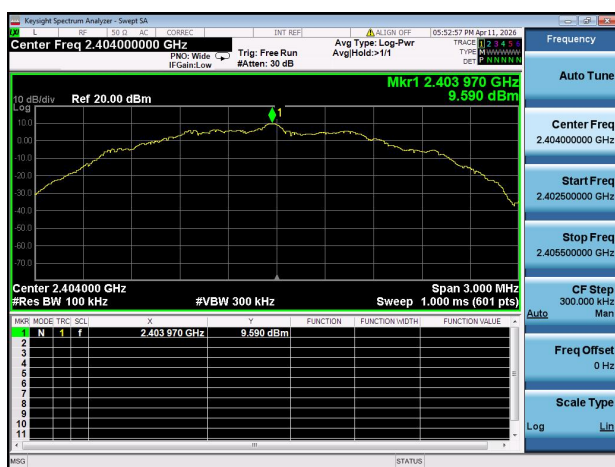


GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

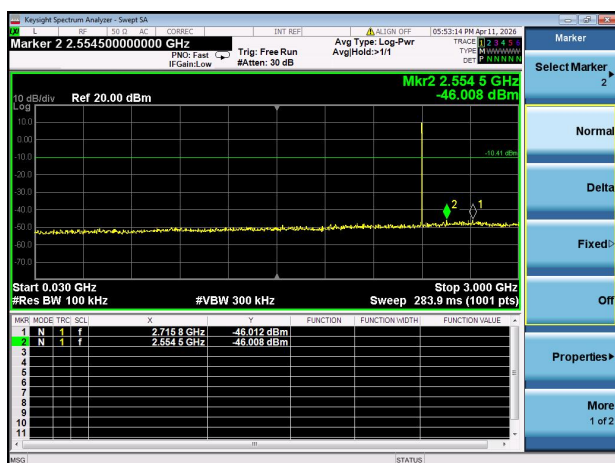


GFSK (BLE 1Mbps) HIGH CHANNEL,
CARRIER LEVELGFSK (BLE 1Mbps) HIGH CHANNEL,
SPURIOUS 30 MHz ~ 3 GHzGFSK (BLE 1Mbps) HIGH CHANNEL,
SPURIOUS 2 GHz ~ 25 GHz

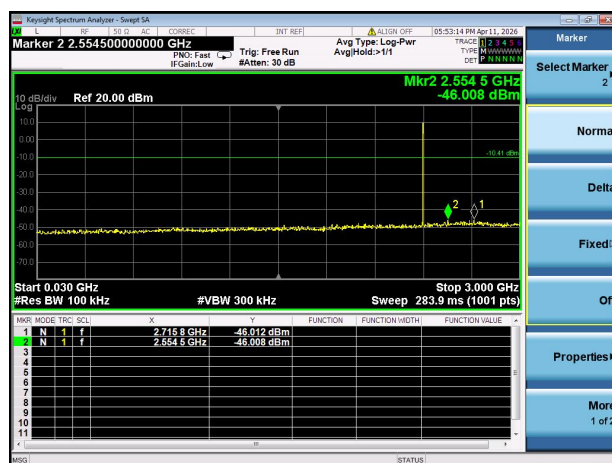
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



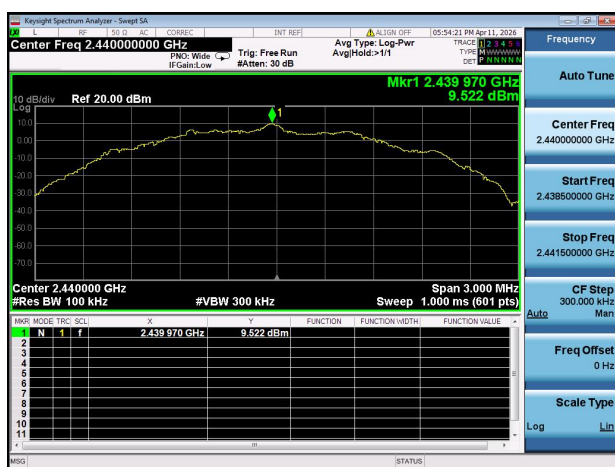
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



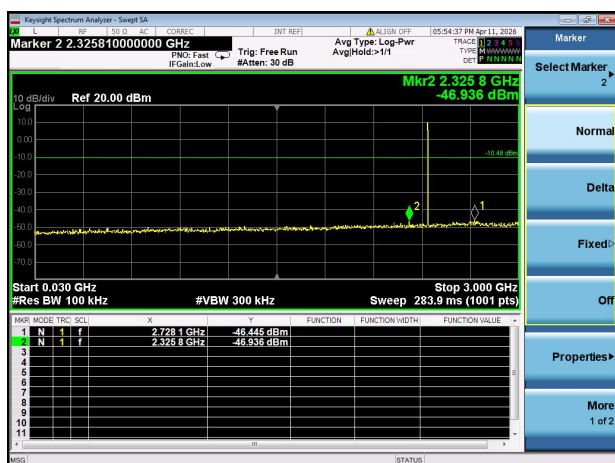
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



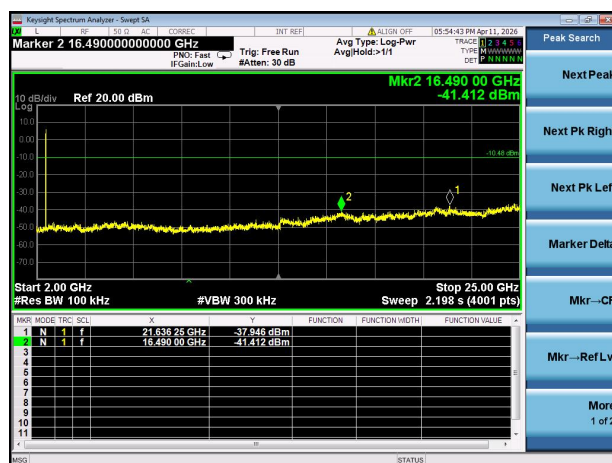
GFSK (BLE 2Mbps) MIDDLE CHANNEL, CARRIER LEVEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



[illegible]

KeySight Spectrum Analyzer - Sweep SA

Marker 2 2.209980000000 GHz

Trig: Free Run

Avg Type: Log-Pwr

Trace 1 2.210 0 GHz

Time 05:57:38 PM Apr 11, 2026

Marker 2 2.210 0 GHz

Power -48.098 dBm

Ref 20.00 dBm

Start 0.030 GHz

Stop 3.000 GHz

Res BW 100 kHz

#VBW 300 kHz

Sweep 283.9 ms (1001 pts)

10 dBm

0 dBm

-20 dBm

-40 dBm

-60 dBm

-70 dBm

0.030 GHz

2.210 GHz

3.000 GHz

1

2

3

4

5

6

7

8

9

10

11

MSG1

(STATUS)

[illegible]

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	-47.98	9.44	-10.56	Pass
High Channel	-48.16	9.03	-10.97	Pass

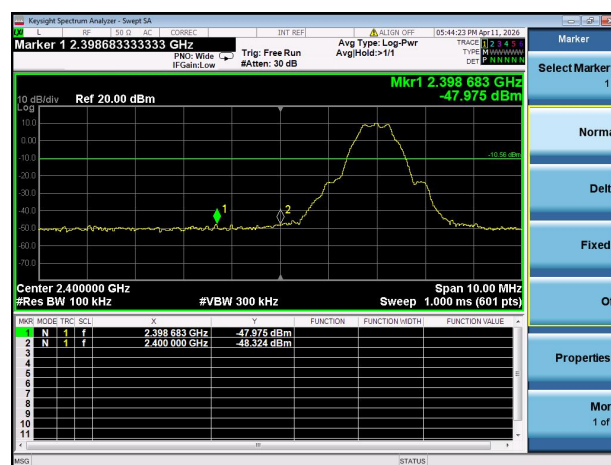
GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-48.94	9.59	-10.41	Pass
High Channel	-48.13	9.12	-10.88	Pass

Test Plots

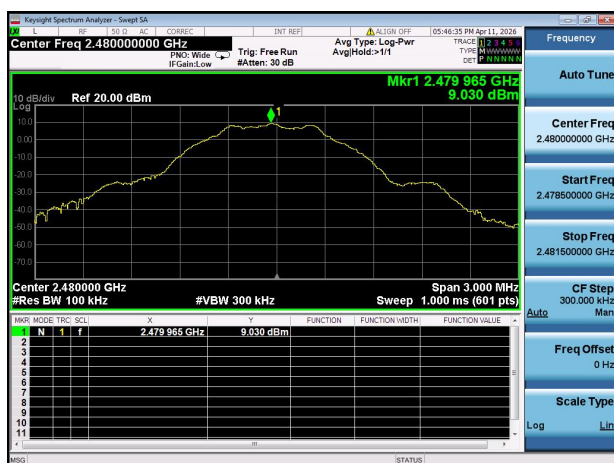
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



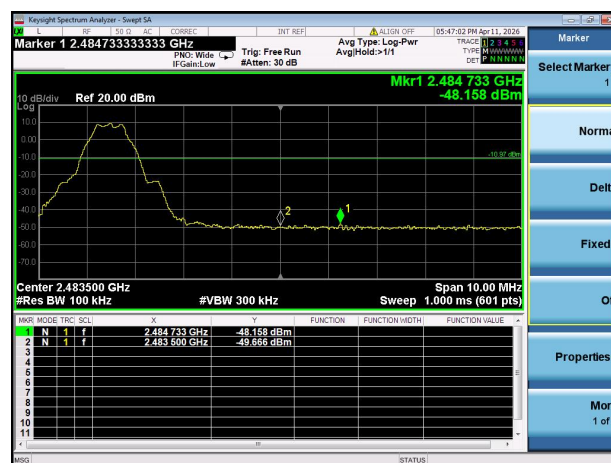
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



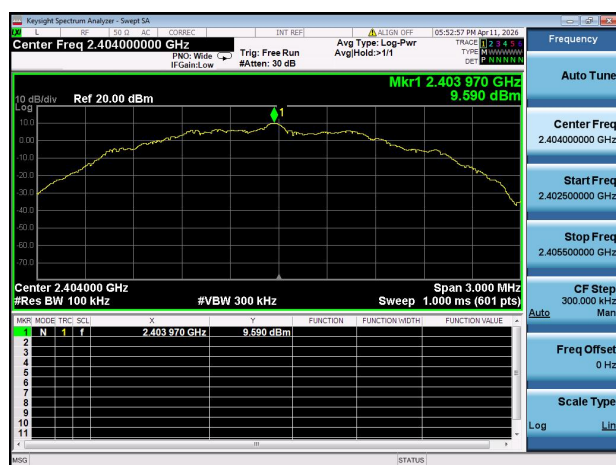
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



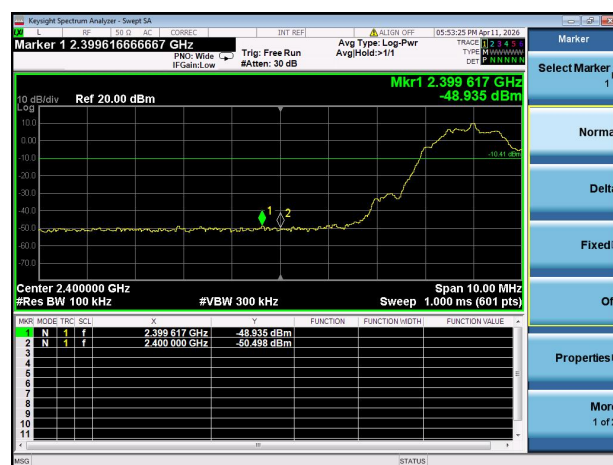
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE



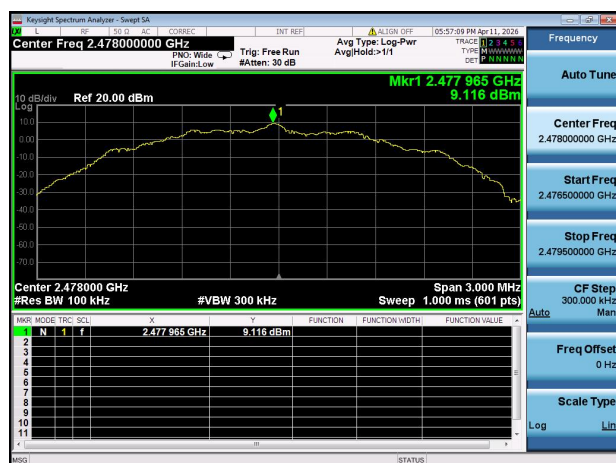
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



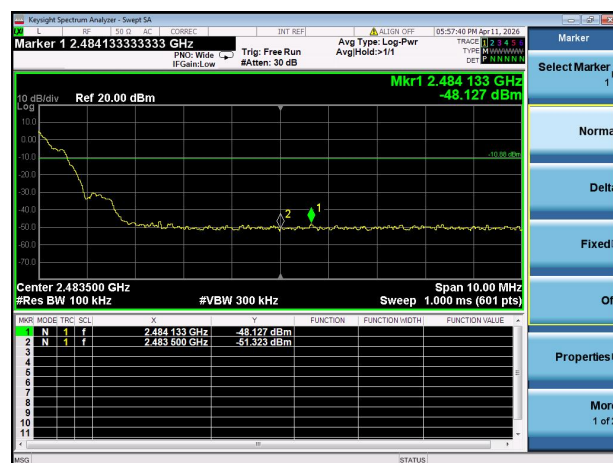
GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE 2Mbps) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

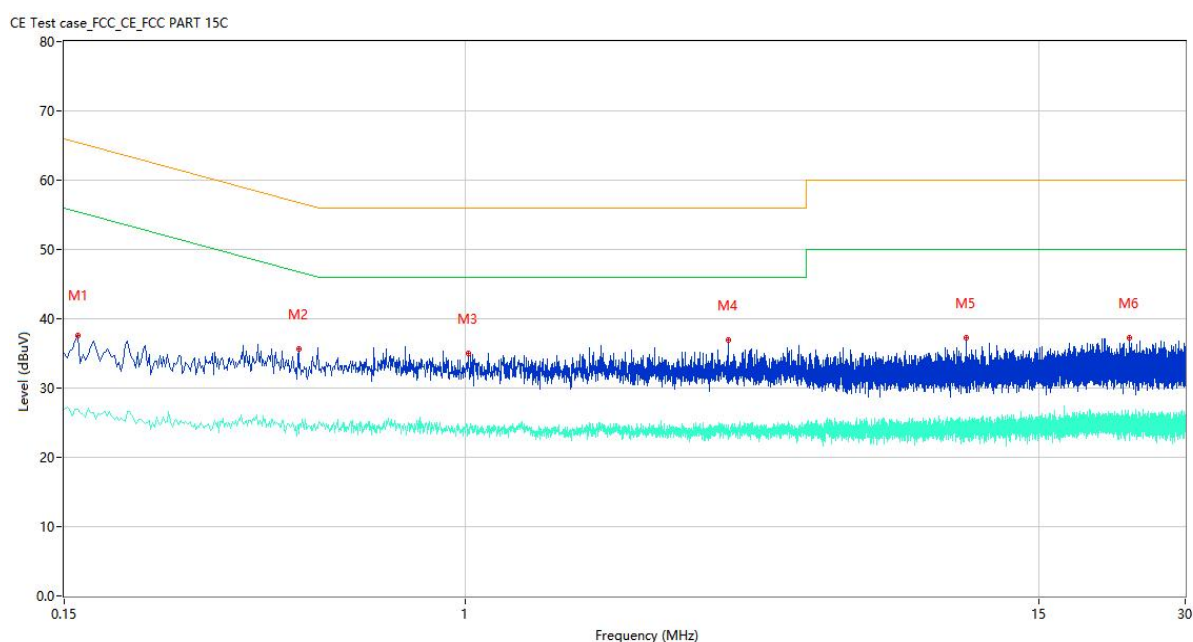
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

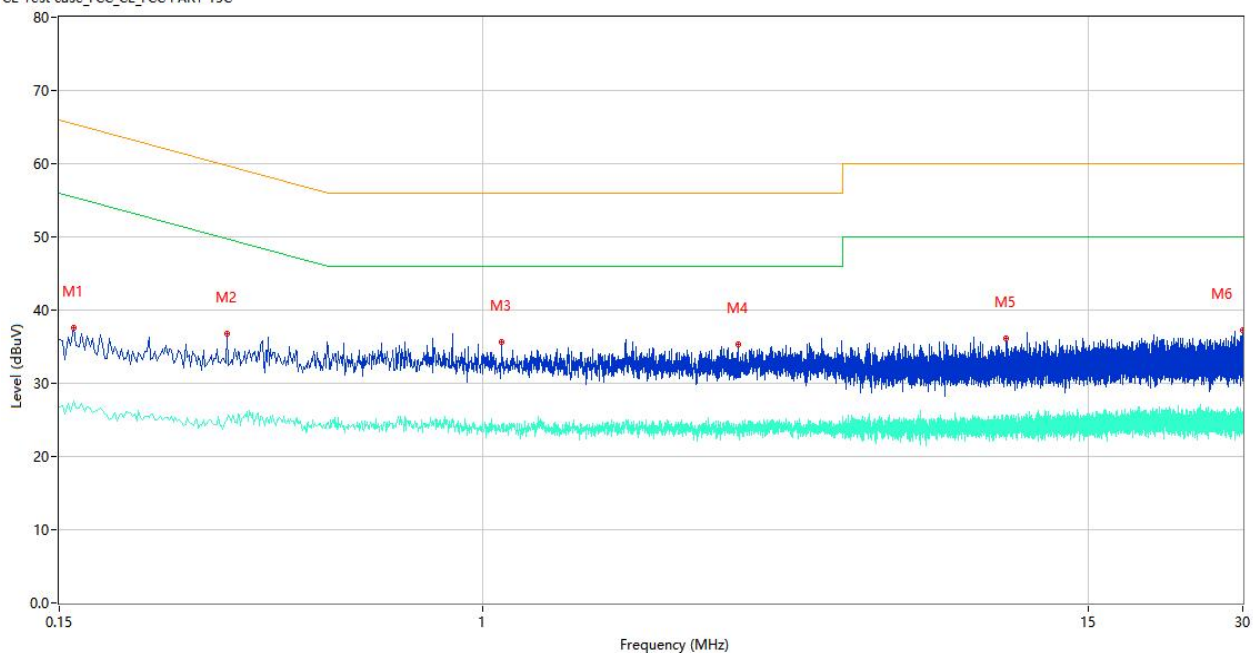
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	37.64	9.85	65.46	27.82	Peak	L	Pass
1**	0.160	26.94	9.85	55.46	28.52	AV	L	Pass
2	0.454	35.67	10.09	56.80	21.13	Peak	L	Pass
2**	0.454	23.46	10.09	46.80	23.34	AV	L	Pass
3	1.012	35.08	10.08	56.00	20.92	Peak	L	Pass
3**	1.012	23.51	10.08	46.00	22.49	AV	L	Pass
4	3.456	36.90	10.31	56.00	19.10	Peak	L	Pass
4**	3.456	24.61	10.31	46.00	21.39	AV	L	Pass
5	10.678	37.20	10.51	60.00	22.80	Peak	L	Pass
5**	10.678	25.26	10.51	50.00	24.74	AV	L	Pass
6	23.058	37.18	10.85	60.00	22.82	Peak	L	Pass
6**	23.058	25.77	10.85	50.00	24.23	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	37.51	9.85	65.46	27.95	Peak	N	Pass
1**	0.160	27.61	9.85	55.46	27.85	AV	N	Pass
2	0.318	36.70	10.18	59.76	23.06	Peak	N	Pass
2**	0.318	24.99	10.18	49.76	24.77	AV	N	Pass
3	1.086	35.60	10.10	56.00	20.40	Peak	N	Pass
3**	1.086	24.43	10.10	46.00	21.57	AV	N	Pass
4	3.134	35.40	10.01	56.00	20.60	Peak	N	Pass
4**	3.134	23.30	10.01	46.00	22.70	AV	N	Pass
5	10.390	36.19	10.45	60.00	23.81	Peak	N	Pass
5**	10.390	25.65	10.45	50.00	24.35	AV	N	Pass
6	29.950	37.30	11.04	60.00	22.70	Peak	N	Pass
6**	29.950	26.05	11.04	50.00	23.95	AV	N	Pass

A.6 Radiated Spurious Emission

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

Note²: For the test data above 1 GHz, according the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

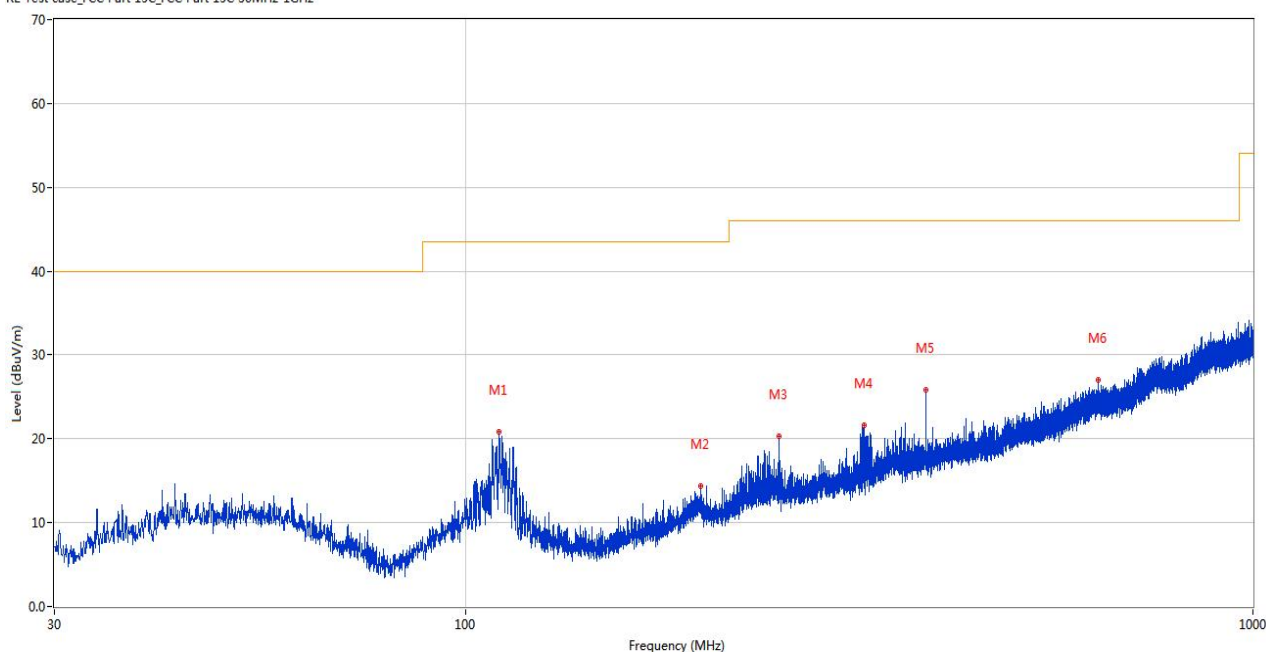
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and BLE 2M- Low channel mode is the worst.

Note⁵: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

Test Data and Plots

30 MHz to 1 GHz, ANT H

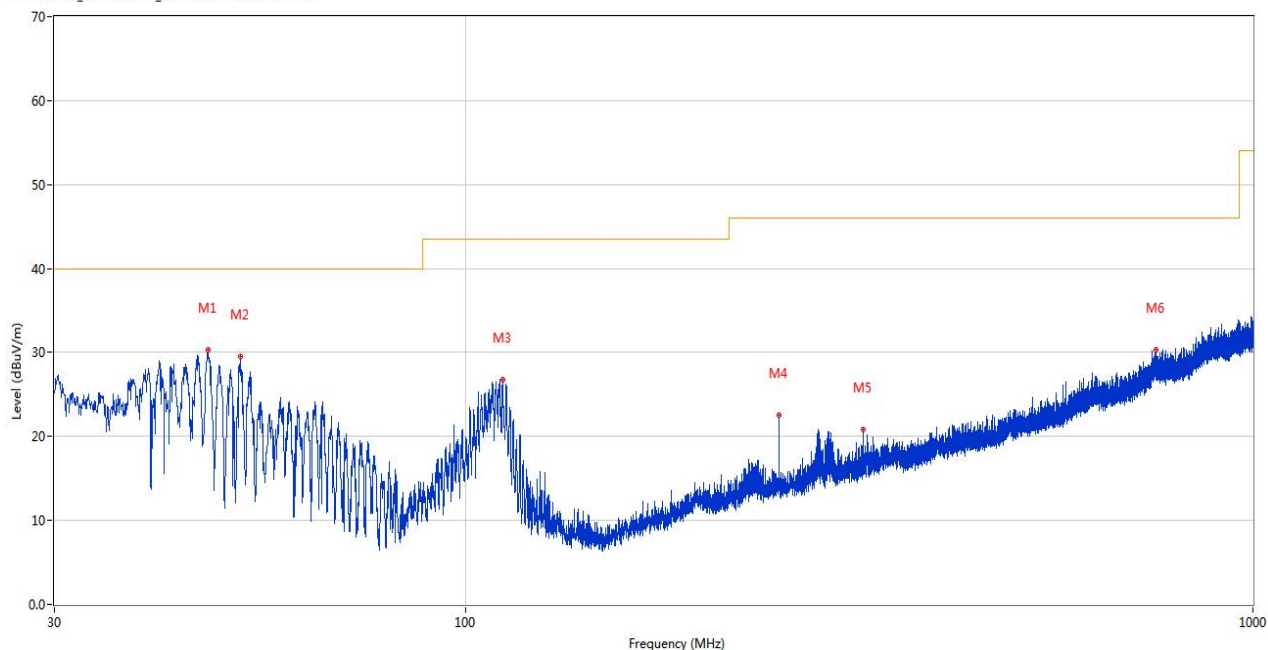
RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	110.219	20.78	-26.04	43.5	22.72	Peak	9.30	100	Horizontal	Pass
2	198.829	14.31	-24.27	43.5	29.19	Peak	113.20	100	Horizontal	Pass
3	250.044	20.27	-22.80	46.0	25.73	Peak	113.20	100	Horizontal	Pass
4	320.758	21.60	-20.96	46.0	24.40	Peak	52.90	100	Horizontal	Pass
5	384.002	25.89	-18.93	46.0	20.11	Peak	41.30	100	Horizontal	Pass
6	635.959	27.02	-11.67	46.0	18.98	Peak	17.60	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



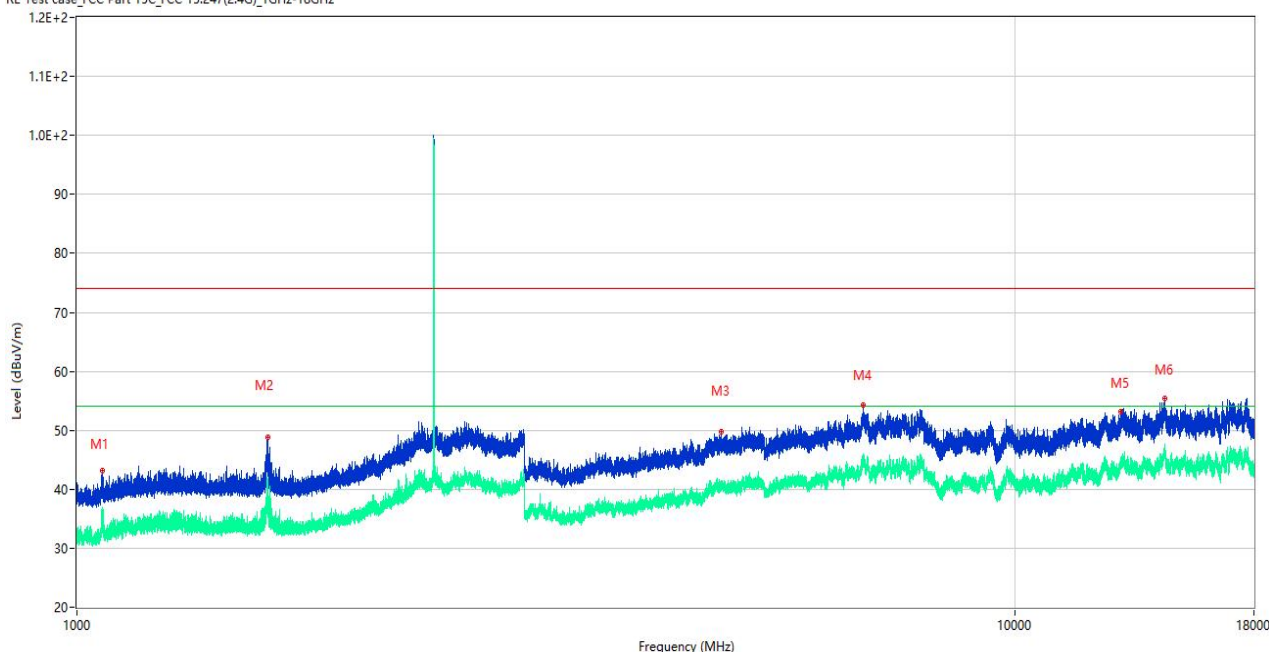
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.023	30.31	-24.13	40.0	9.69	Peak	251.70	100	Vertical	Pass
2	51.631	29.49	-24.07	40.0	10.51	Peak	275.50	100	Vertical	Pass
3	111.480	26.80	-26.06	43.5	16.70	Peak	13.60	100	Vertical	Pass
4	249.996	22.53	-22.80	46.0	23.47	Peak	0.00	100	Vertical	Pass
5	319.400	20.85	-20.99	46.0	25.15	Peak	196.40	100	Vertical	Pass
6	753.086	30.31	-8.78	46.0	15.69	Peak	109.20	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.

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)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.021	43.17	74.0	30.83	Peak	49.00	200	Horizontal	Pass
1**	1064.021	34.65	54.0	19.35	AV	49.00	200	Horizontal	Pass
2	1599.347	48.90	74.0	25.10	Peak	96.00	400	Horizontal	Pass
2**	1599.347	36.35	54.0	17.65	AV	96.00	400	Horizontal	Pass
3	4865.626	49.87	74.0	24.13	Peak	338.00	200	Horizontal	Pass
3**	4865.626	40.37	54.0	13.63	AV	338.00	200	Horizontal	Pass
4	6893.782	54.37	74.0	19.63	Peak	222.00	100	Horizontal	Pass
4**	6893.782	45.52	54.0	8.49	AV	222.00	100	Horizontal	Pass
5	12990.156	53.10	74.0	20.90	Peak	300.00	200	Horizontal	Pass
5**	12990.156	44.16	54.0	9.84	AV	300.00	200	Horizontal	Pass
6	14447.442	55.39	74.0	18.61	Peak	56.00	100	Horizontal	Pass
6**	14447.442	46.58	54.0	7.42	AV	56.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) 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	1160.803	44.60	74.0	29.40	Peak	290.00	400	Vertical	Pass
1**	1160.803	32.69	54.0	21.31	AV	290.00	400	Vertical	Pass
2	2991.455	51.09	74.0	22.91	Peak	166.00	300	Vertical	Pass
2**	2991.455	39.81	54.0	14.19	AV	166.00	300	Vertical	Pass
3	6802.868	52.56	74.0	21.44	Peak	143.00	200	Vertical	Pass
3**	6802.868	43.34	54.0	10.66	AV	143.00	200	Vertical	Pass
4	7963.770	56.56	74.0	17.45	Peak	279.00	100	Vertical	Pass
4**	7963.770	43.67	54.0	10.33	AV	279.00	100	Vertical	Pass
5	12492.925	49.34	74.0	24.66	Peak	79.00	200	Vertical	Pass
5**	12492.925	40.25	54.0	13.75	AV	79.00	200	Vertical	Pass
6	17099.486	52.30	74.0	21.70	Peak	360.00	300	Vertical	Pass
6**	17099.486	43.52	54.0	10.48	AV	360.00	300	Vertical	Pass

GFSK (BLE 1Mbps) 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	1067.232	43.04	74.0	30.96	Peak	40.00	200	Horizontal	Pass
1**	1067.232	34.45	54.0	19.55	AV	40.00	200	Horizontal	Pass
2	1596.879	48.84	74.0	25.16	Peak	30.00	200	Horizontal	Pass
2**	1596.879	35.95	54.0	18.05	AV	30.00	200	Horizontal	Pass
3	4867.794	48.90	74.0	25.10	Peak	50.00	200	Horizontal	Pass
3**	4867.794	40.14	54.0	13.86	AV	50.00	200	Horizontal	Pass
4	6896.457	53.79	74.0	20.21	Peak	113.00	200	Horizontal	Pass
4**	6896.457	44.98	54.0	9.03	AV	113.00	200	Horizontal	Pass
5	12993.151	52.45	74.0	21.55	Peak	290.00	200	Horizontal	Pass
5**	12993.151	43.30	54.0	10.70	AV	290.00	200	Horizontal	Pass
6	14448.564	54.56	74.0	19.44	Peak	240.00	200	Horizontal	Pass
6**	14448.564	46.20	54.0	7.80	AV	240.00	200	Horizontal	Pass

GFSK (BLE 1Mbps) 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	1164.173	44.38	74.0	29.62	Peak	159.00	400	Vertical	Pass
1**	1164.173	32.28	54.0	21.72	AV	159.00	400	Vertical	Pass
2	2993.402	50.54	74.0	23.46	Peak	222.00	200	Vertical	Pass
2**	2993.402	39.55	54.0	14.45	AV	222.00	200	Vertical	Pass
3	6806.044	52.41	74.0	21.59	Peak	138.00	200	Vertical	Pass
3**	6806.044	43.20	54.0	10.80	AV	138.00	200	Vertical	Pass
4	7969.425	55.86	74.0	18.15	Peak	60.00	300	Vertical	Pass
4**	7969.425	42.84	54.0	11.16	AV	60.00	300	Vertical	Pass
5	12493.122	48.76	74.0	25.24	Peak	253.00	400	Vertical	Pass
5**	12493.122	40.09	54.0	13.91	AV	253.00	400	Vertical	Pass
6	17100.975	51.49	74.0	22.51	Peak	92.00	200	Vertical	Pass
6**	17100.975	42.90	54.0	11.10	AV	92.00	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	1059.889	42.22	74.0	31.78	Peak	357.00	300	Horizontal	Pass
1**	1059.889	34.62	54.0	19.38	AV	357.00	300	Horizontal	Pass
2	1600.539	48.25	74.0	25.75	Peak	329.00	300	Horizontal	Pass
2**	1600.539	36.16	54.0	17.84	AV	329.00	300	Horizontal	Pass
3	4866.378	49.15	74.0	24.85	Peak	258.00	200	Horizontal	Pass
3**	4866.378	39.89	54.0	14.11	AV	258.00	200	Horizontal	Pass
4	6890.180	54.35	74.0	19.65	Peak	141.00	300	Horizontal	Pass
4**	6890.180	45.40	54.0	8.61	AV	141.00	300	Horizontal	Pass
5	12986.877	52.96	74.0	21.04	Peak	26.00	200	Horizontal	Pass
5**	12986.877	43.43	54.0	10.57	AV	26.00	200	Horizontal	Pass
6	14445.701	54.76	74.0	19.24	Peak	190.00	300	Horizontal	Pass
6**	14445.701	46.48	54.0	7.52	AV	190.00	300	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	1167.615	44.59	74.0	29.41	Peak	1.00	300	Vertical	Pass
1**	1167.615	32.69	54.0	21.31	AV	1.00	300	Vertical	Pass
2	2991.408	51.03	74.0	22.98	Peak	225.00	400	Vertical	Pass
2**	2991.408	39.76	54.0	14.24	AV	225.00	400	Vertical	Pass
3	6800.606	52.50	74.0	21.50	Peak	151.00	200	Vertical	Pass
3**	6800.606	43.26	54.0	10.74	AV	151.00	200	Vertical	Pass
4	7963.582	56.50	74.0	17.50	Peak	56.00	100	Vertical	Pass
4**	7963.582	43.61	54.0	10.39	AV	56.00	100	Vertical	Pass
5	12496.657	49.31	74.0	24.69	Peak	240.00	300	Vertical	Pass
5**	12496.657	40.17	54.0	13.83	AV	240.00	300	Vertical	Pass
6	17097.498	52.26	74.0	21.74	Peak	175.00	400	Vertical	Pass
6**	17097.498	43.51	54.0	10.49	AV	175.00	400	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	1286.045	42.91	74.0	31.09	Peak	151.00	400	Horizontal	Pass
1**	1286.045	33.75	54.0	20.25	AV	151.00	400	Horizontal	Pass
2	2774.302	48.25	74.0	25.75	Peak	251.00	300	Horizontal	Pass
2**	2774.302	36.20	54.0	17.80	AV	251.00	300	Horizontal	Pass
3	5166.039	49.85	74.0	24.15	Peak	133.00	200	Horizontal	Pass
3**	5166.039	40.26	54.0	13.74	AV	133.00	200	Horizontal	Pass
4	6808.840	53.58	74.0	20.42	Peak	355.00	100	Horizontal	Pass
4**	6808.840	45.48	54.0	8.53	AV	355.00	100	Horizontal	Pass
5	13469.755	53.04	74.0	20.96	Peak	229.00	200	Horizontal	Pass
5**	13469.755	43.20	54.0	10.80	AV	229.00	200	Horizontal	Pass
6	17465.384	55.15	74.0	18.85	Peak	246.00	100	Horizontal	Pass
6**	17465.384	46.07	54.0	7.93	AV	246.00	100	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	1282.282	44.53	74.0	29.47	Peak	106.00	100	Vertical	Pass
1**	1282.282	32.63	54.0	21.37	AV	106.00	100	Vertical	Pass
2	2772.776	51.05	74.0	22.95	Peak	288.00	300	Vertical	Pass
2**	2772.776	39.76	54.0	14.24	AV	288.00	300	Vertical	Pass
3	5164.434	52.50	74.0	21.50	Peak	138.00	200	Vertical	Pass
3**	5164.434	43.31	54.0	10.69	AV	138.00	200	Vertical	Pass
4	6809.047	56.48	74.0	17.52	Peak	302.00	200	Vertical	Pass
4**	6809.047	43.60	54.0	10.40	AV	302.00	200	Vertical	Pass
5	13463.949	49.31	74.0	24.69	Peak	297.00	300	Vertical	Pass
5**	13463.949	40.16	54.0	13.84	AV	297.00	300	Vertical	Pass
6	17465.858	52.23	74.0	21.78	Peak	79.00	100	Vertical	Pass
6**	17465.858	43.51	54.0	10.49	AV	79.00	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	1283.428	42.69	74.0	31.31	Peak	100.00	100	Horizontal	Pass
1**	1283.428	34.34	54.0	19.66	AV	100.00	100	Horizontal	Pass
2	2772.493	48.21	74.0	25.79	Peak	50.00	400	Horizontal	Pass
2**	2772.493	36.07	54.0	17.93	AV	50.00	400	Horizontal	Pass
3	5170.690	49.26	74.0	24.74	Peak	34.00	200	Horizontal	Pass
3**	5170.690	40.18	54.0	13.82	AV	34.00	200	Horizontal	Pass
4	6806.524	53.59	74.0	20.41	Peak	258.00	100	Horizontal	Pass
4**	6806.524	44.88	54.0	9.13	AV	258.00	100	Horizontal	Pass
5	13465.557	53.00	74.0	21.00	Peak	194.00	100	Horizontal	Pass
5**	13465.557	44.05	54.0	9.95	AV	194.00	100	Horizontal	Pass
6	17465.052	54.87	74.0	19.13	Peak	72.00	100	Horizontal	Pass
6**	17465.052	46.04	54.0	7.96	AV	72.00	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	1288.644	44.56	74.0	29.44	Peak	9.00	400	Vertical	Pass
1**	1288.644	32.65	54.0	21.35	AV	9.00	400	Vertical	Pass
2	2768.728	51.02	74.0	22.98	Peak	202.00	200	Vertical	Pass
2**	2768.728	39.80	54.0	14.20	AV	202.00	200	Vertical	Pass
3	5166.860	52.50	74.0	21.50	Peak	255.00	200	Vertical	Pass
3**	5166.860	43.28	54.0	10.72	AV	255.00	200	Vertical	Pass
4	6807.812	56.50	74.0	17.50	Peak	231.00	400	Vertical	Pass
4**	6807.812	43.61	54.0	10.39	AV	231.00	400	Vertical	Pass
5	13465.680	49.32	74.0	24.68	Peak	304.00	100	Vertical	Pass
5**	13465.680	40.24	54.0	13.76	AV	304.00	100	Vertical	Pass
6	17469.767	52.25	74.0	21.75	Peak	227.00	400	Vertical	Pass
6**	17469.767	43.48	54.0	10.53	AV	227.00	400	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	1284.499	42.51	74.0	31.49	Peak	35.00	400	Horizontal	Pass
1**	1284.499	34.51	54.0	19.49	AV	35.00	400	Horizontal	Pass
2	2771.677	48.86	74.0	25.14	Peak	38.00	100	Horizontal	Pass
2**	2771.677	35.84	54.0	18.16	AV	38.00	100	Horizontal	Pass
3	5389.642	49.71	74.0	24.29	Peak	186.00	200	Horizontal	Pass
3**	5389.642	40.12	54.0	13.88	AV	186.00	200	Horizontal	Pass
4	6517.548	53.70	74.0	20.30	Peak	237.00	100	Horizontal	Pass
4**	6517.548	44.74	54.0	9.27	AV	237.00	100	Horizontal	Pass
5	13352.710	52.10	74.0	21.90	Peak	136.00	300	Horizontal	Pass
5**	13352.710	43.37	54.0	10.63	AV	136.00	300	Horizontal	Pass
6	17439.281	55.29	74.0	18.71	Peak	358.00	200	Horizontal	Pass
6**	17439.281	45.75	54.0	8.25	AV	358.00	200	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	1289.090	44.51	74.0	29.49	Peak	167.00	200	Vertical	Pass
1**	1289.090	32.69	54.0	21.31	AV	167.00	200	Vertical	Pass
2	2767.618	51.04	74.0	22.96	Peak	39.00	300	Vertical	Pass
2**	2767.618	39.74	54.0	14.26	AV	39.00	300	Vertical	Pass
3	5288.565	52.52	74.0	21.48	Peak	172.00	200	Vertical	Pass
3**	5288.565	43.26	54.0	10.74	AV	172.00	200	Vertical	Pass
4	6657.880	56.46	74.0	17.54	Peak	346.00	200	Vertical	Pass
4**	6657.880	43.58	54.0	10.42	AV	346.00	200	Vertical	Pass
5	13308.123	49.31	74.0	24.69	Peak	186.00	200	Vertical	Pass
5**	13308.123	40.18	54.0	13.82	AV	186.00	200	Vertical	Pass
6	17419.523	52.26	74.0	21.74	Peak	112.00	100	Vertical	Pass
6**	17419.523	43.49	54.0	10.51	AV	112.00	100	Vertical	Pass

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

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

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

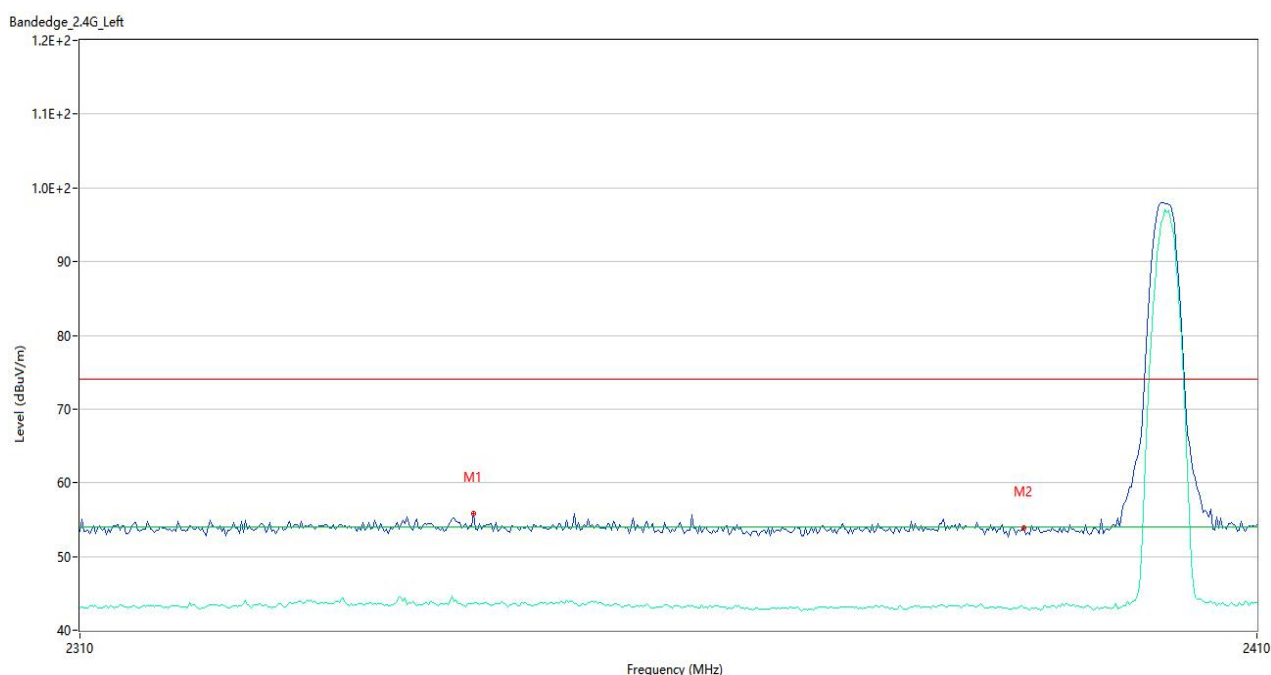
Note³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

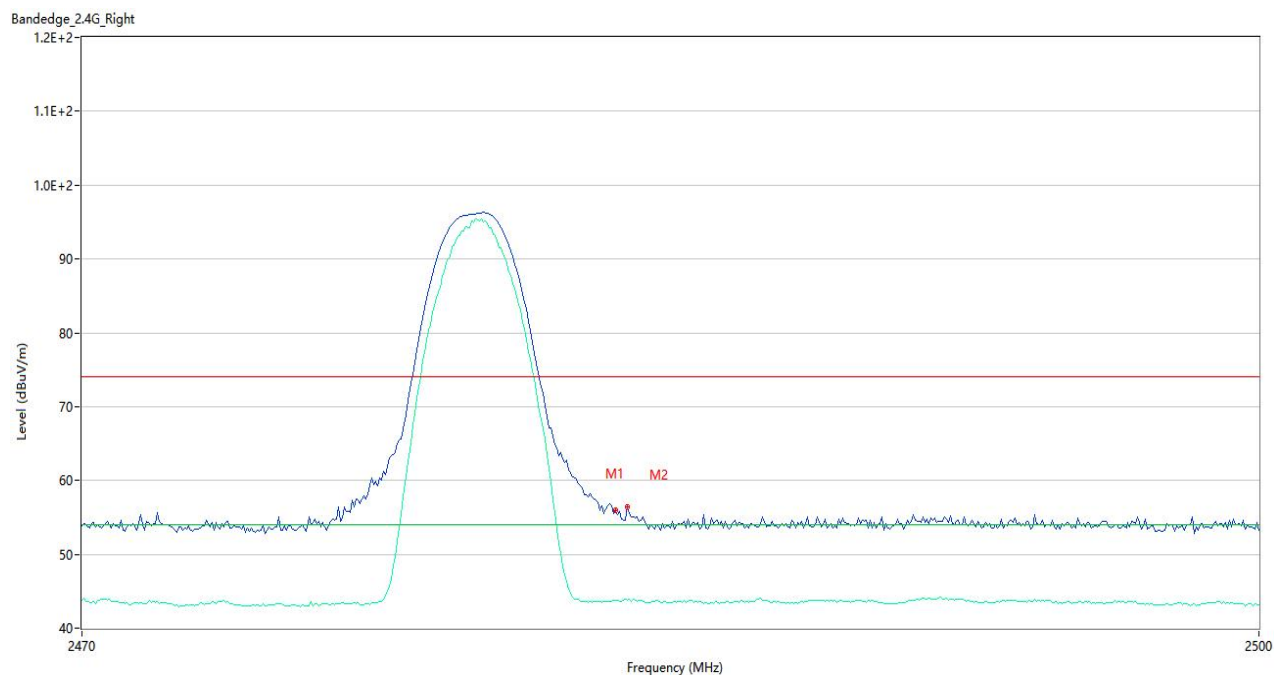
Test Data and Plots

FSK (BLE 1Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2343.966	56.13	74.0	17.87	Peak	167.00	300	Horizontal	Pass
1**	2343.966	43.3	54.0	10.70	AV	167.00	300	Horizontal	Pass
2	2390.000	52.31	74.0	21.69	Peak	176.00	300	Horizontal	Pass
2**	2390.000	42.79	54.0	11.21	AV	176.00	300	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.69	74.0	18.31	Peak	324.00	200	Horizontal	Pass
1**	2483.500	44.4	54.0	9.60	AV	324.00	200	Horizontal	Pass
2	2485.016	56.76	74.0	17.24	Peak	137.00	200	Horizontal	Pass
2**	2485.016	43.61	54.0	10.39	AV	137.00	200	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	2348.113	53.66	74.0	20.34	Peak	173.00	100	Horizontal	Pass
1**	2348.113	42.54	54.0	11.46	AV	173.00	100	Horizontal	Pass
2	2390.000	51.66	74.0	22.34	Peak	290.00	100	Horizontal	Pass
2**	2390.000	43.22	54.0	10.78	AV	290.00	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	2483.500	54.65	74.0	19.36	Peak	358.00	100	Horizontal	Pass
1**	2483.500	43.84	54.0	10.16	AV	358.00	100	Horizontal	Pass
2	2489.372	55.40	74.0	18.60	Peak	344.00	100	Horizontal	Pass
2**	2489.372	43.53	54.0	10.47	AV	344.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

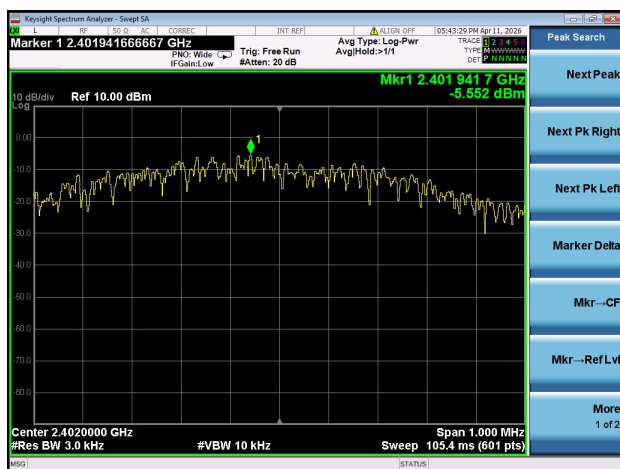
Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-5.55	8	Pass
Middle Channel	-5.48	8	Pass
High Channel	-5.87	8	Pass

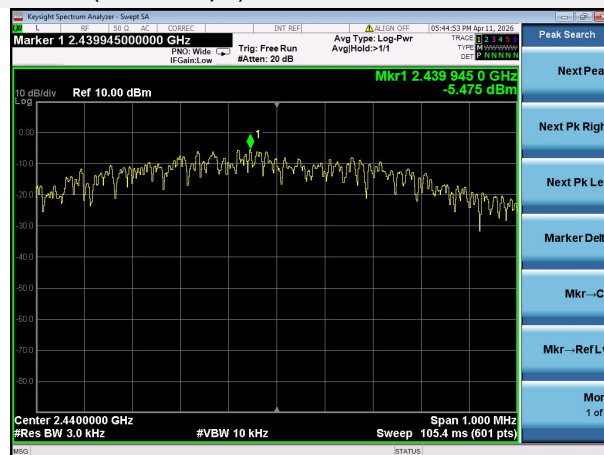
GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-7.37	8	Pass
Middle Channel	-7.44	8	Pass
High Channel	-7.83	8	Pass

Test Plots

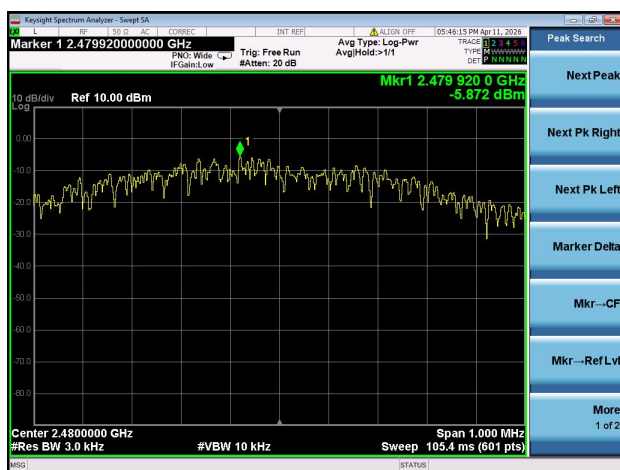
GFSK (BLE 1Mbps) LOW CHANNEL



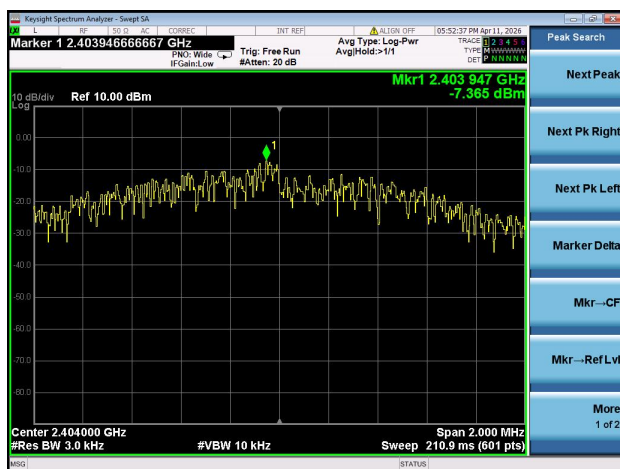
GFSK (BLE 1Mbps) MIDDLE CHANNEL



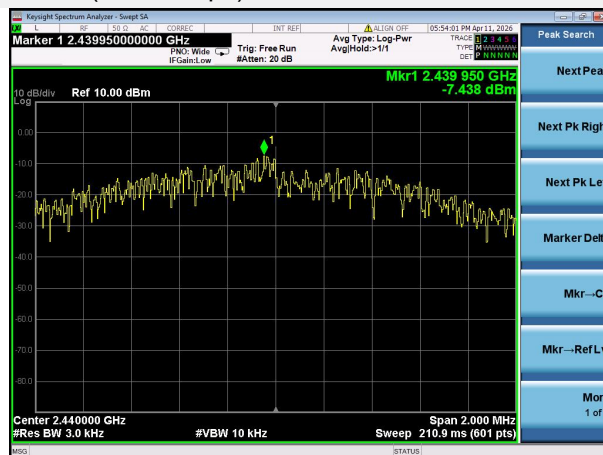
GFSK (BLE 1Mbps) HIGH CHANNEL



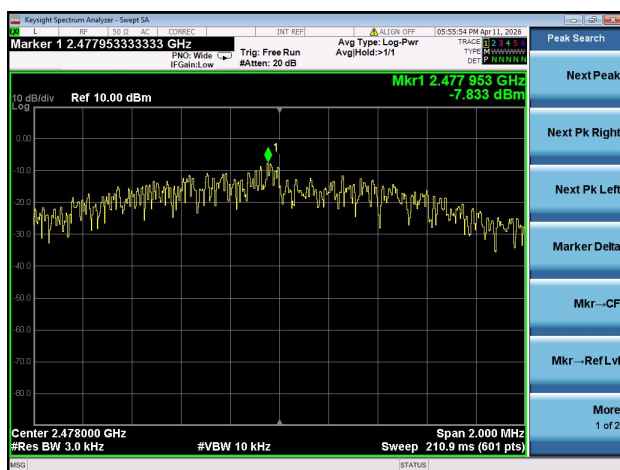
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26030256-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26030256-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26030256-AI.PDF”.

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--END OF REPORT--