

A.3 Conducted Spurious Emissions

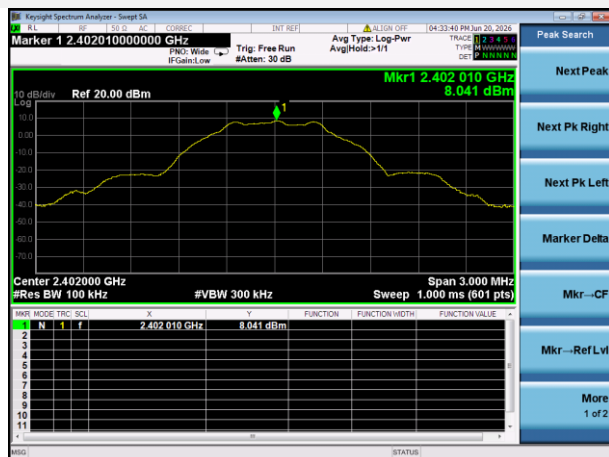
Test Data

GFSK (BLE 1Mbps)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.18	8.04	-11.96	Pass
Middle Channel	-34.59	8.09	-11.91	Pass
High Channel	-36.50	8.13	-11.87	Pass

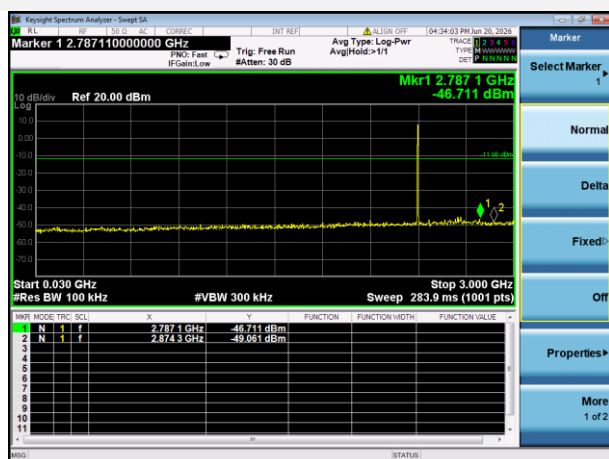
GFSK (BLE 2Mbps)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.49	8.06	-11.95	Pass
Middle Channel	-36.60	8.16	-11.85	Pass
High Channel	-33.55	8.25	-11.76	Pass

Test Plots

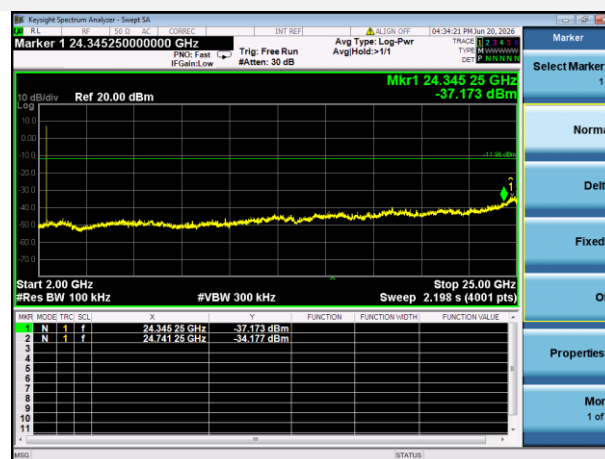
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



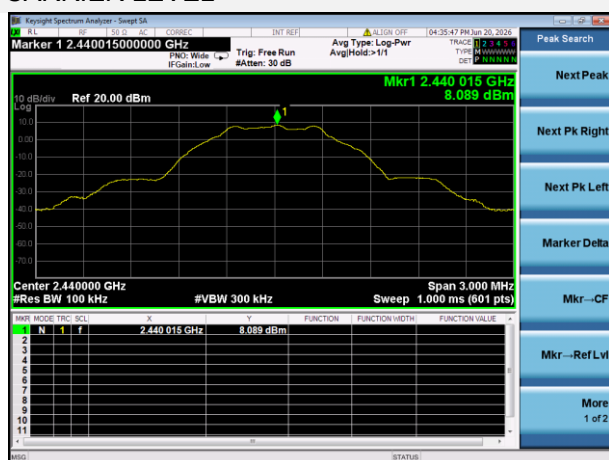
GFSK (BLE 1Mbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



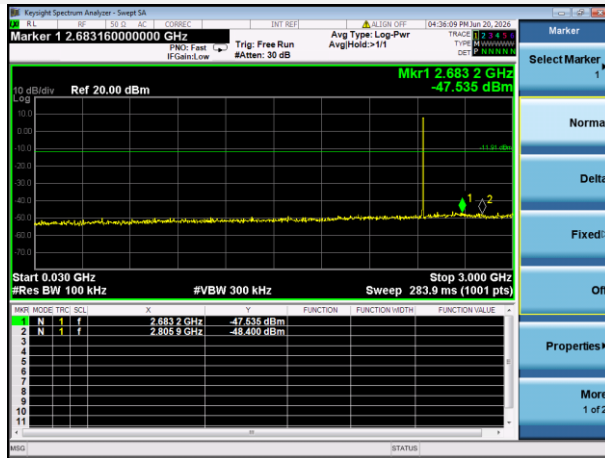
GFSK (BLE 1Mbps) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



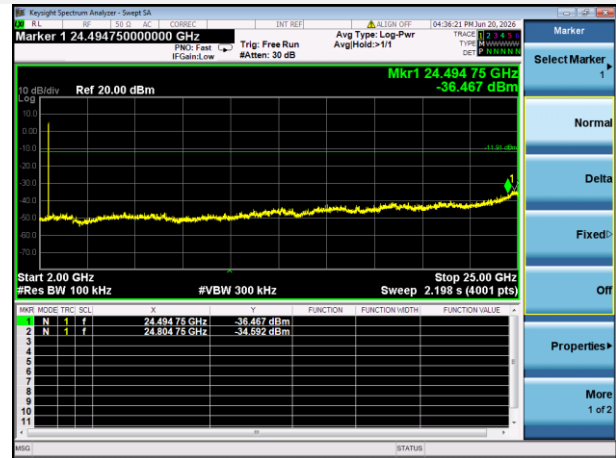
GFSK (BLE 1Mbps) MIDDLE CHANNEL, CARRIER LEVEL



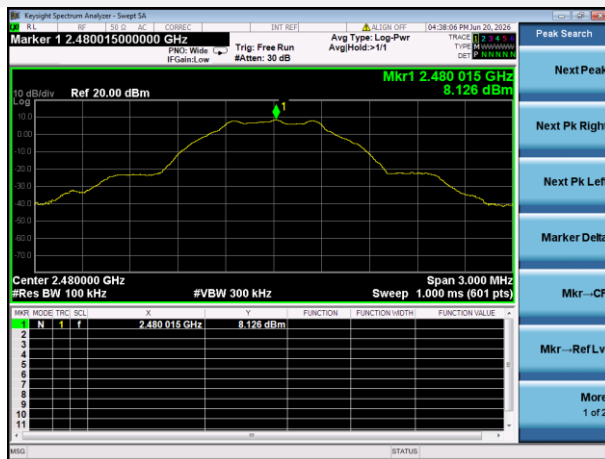
GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



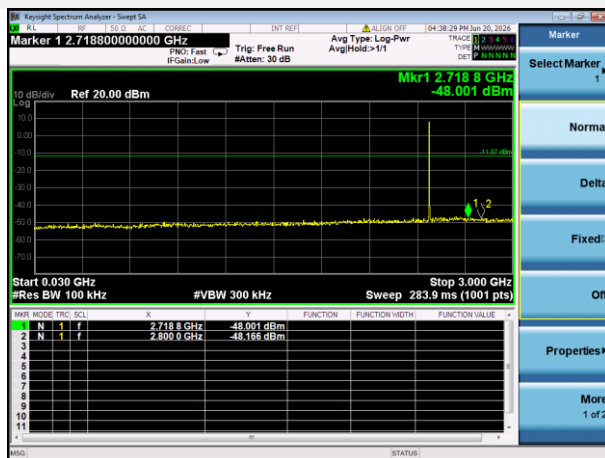
GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



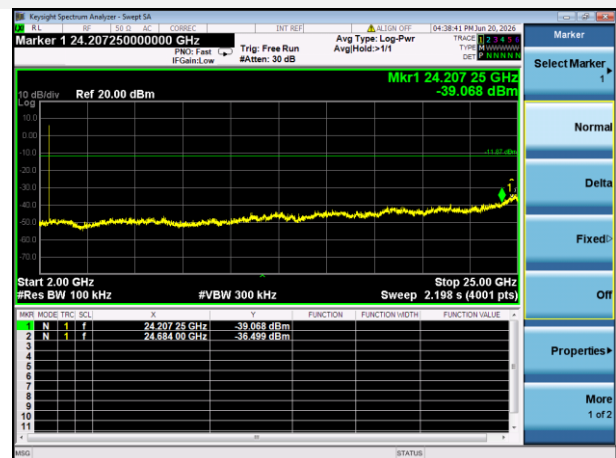
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



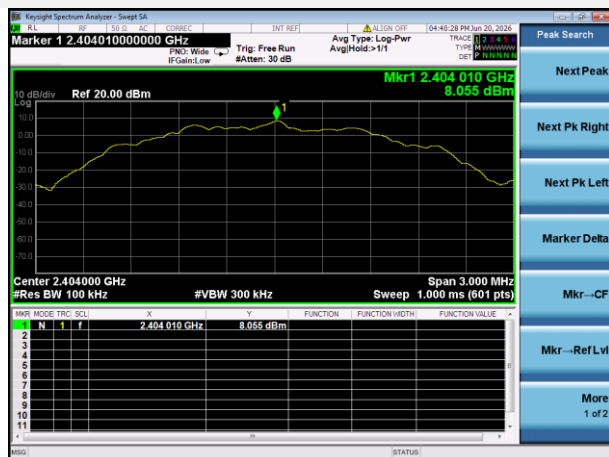
GFSK (BLE 1Mbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



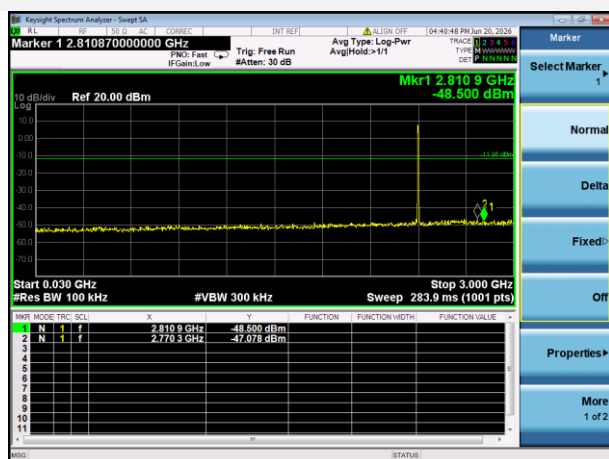
GFSK (BLE 1Mbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



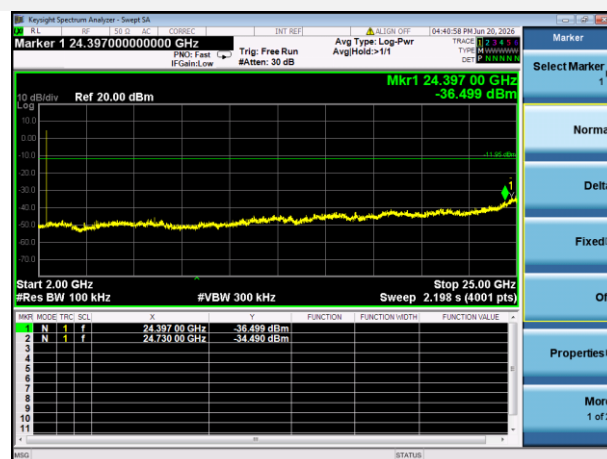
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



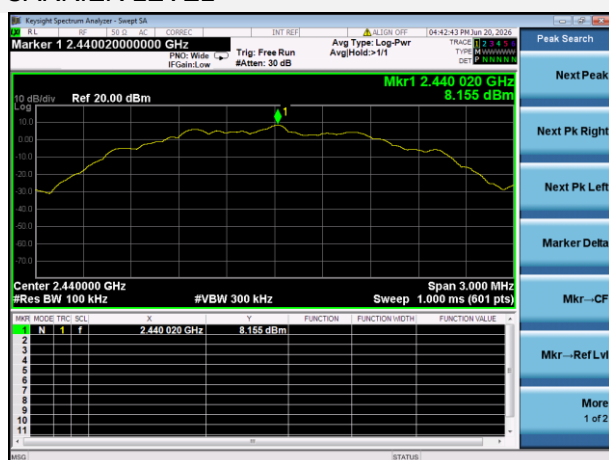
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



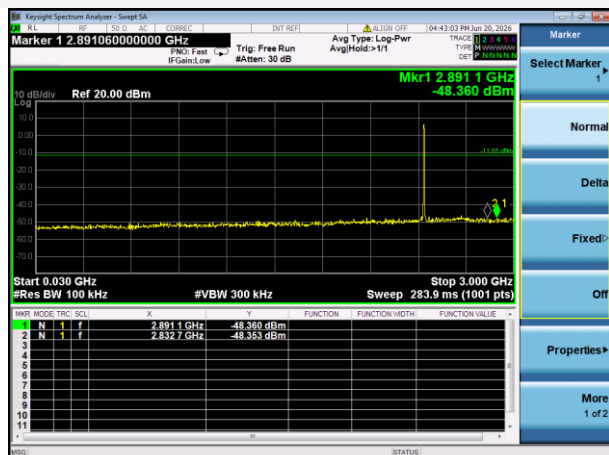
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



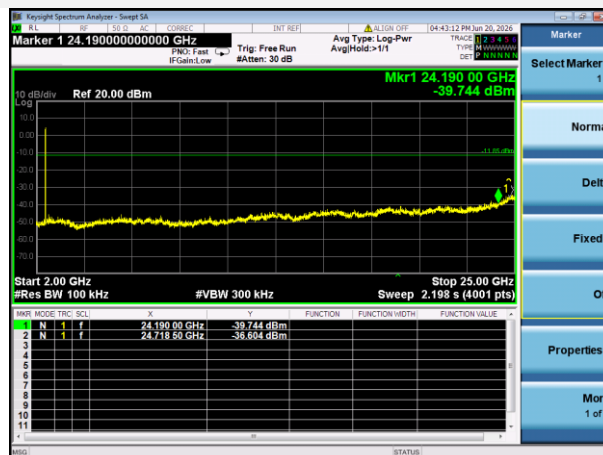
GFSK (BLE 2Mbps) MIDDLE CHANNEL, CARRIER LEVEL



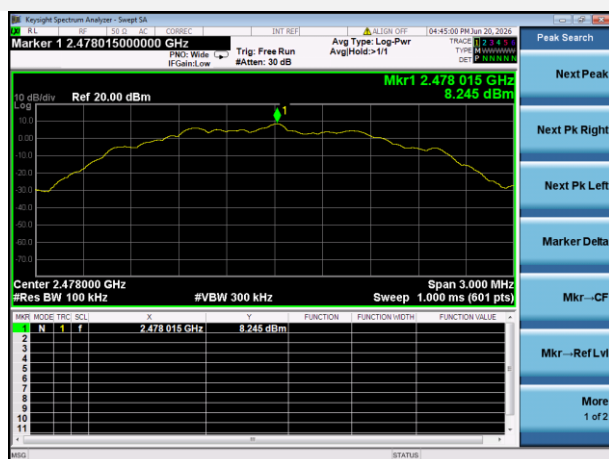
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



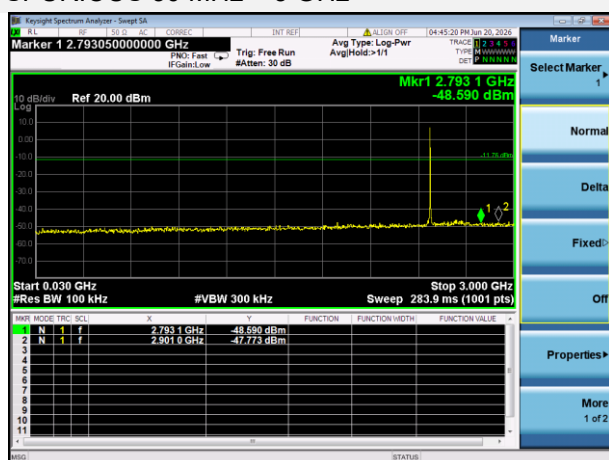
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



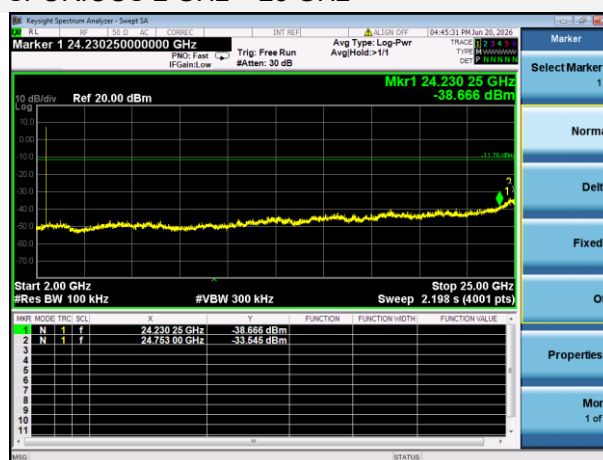
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



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



GFSK (BLE 2Mbps) 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.

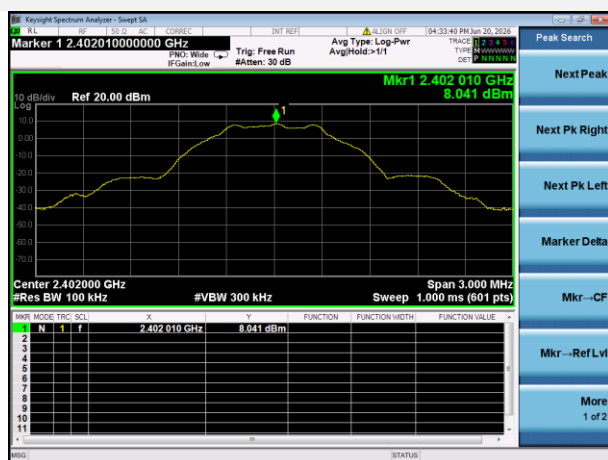
Test Data

GFSK (BLE 1Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.74	8.04	-11.96	Pass
High Channel	-45.30	8.13	-11.87	Pass

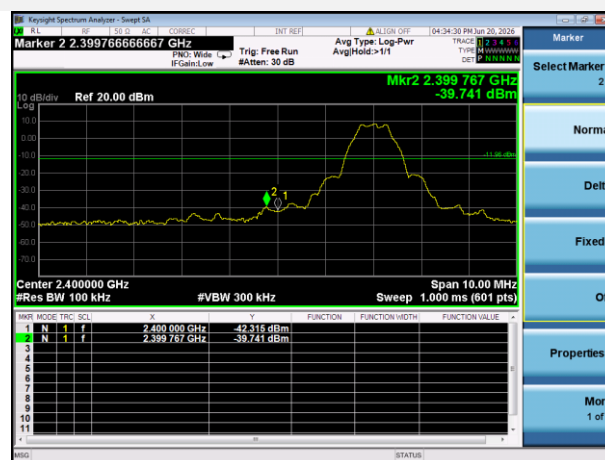
GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.22	8.06	-11.95	Pass
High Channel	-44.69	8.25	-11.76	Pass

Test Plots

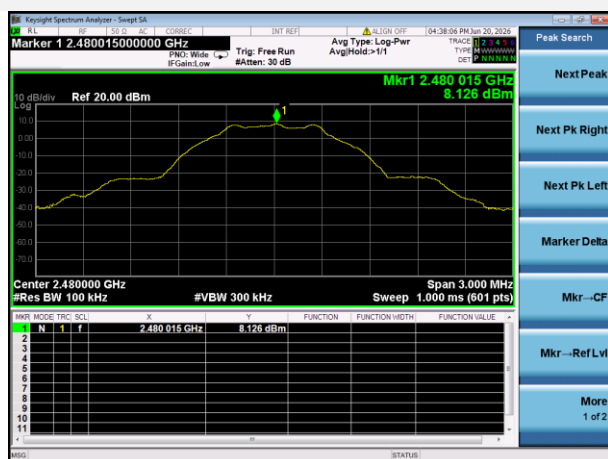
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



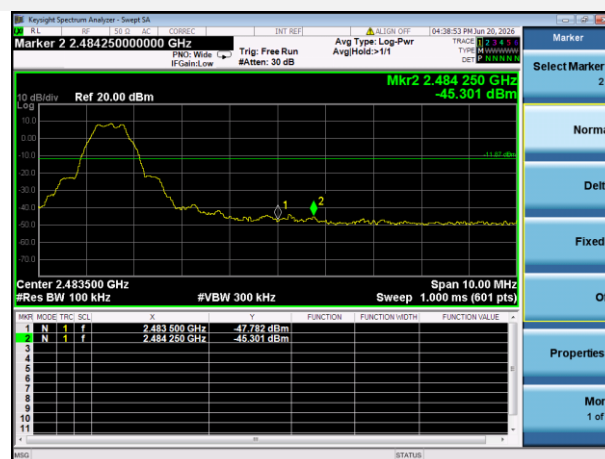
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



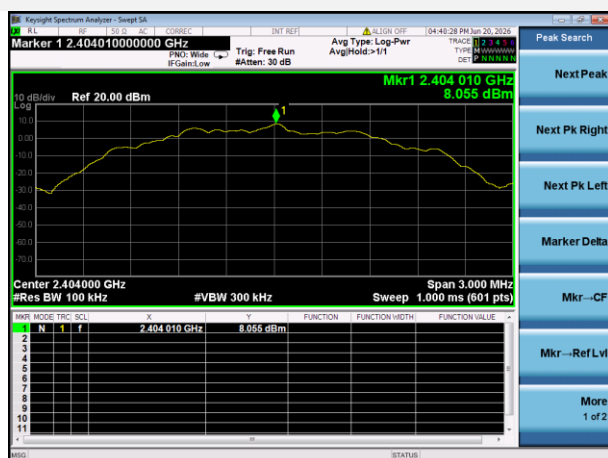
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



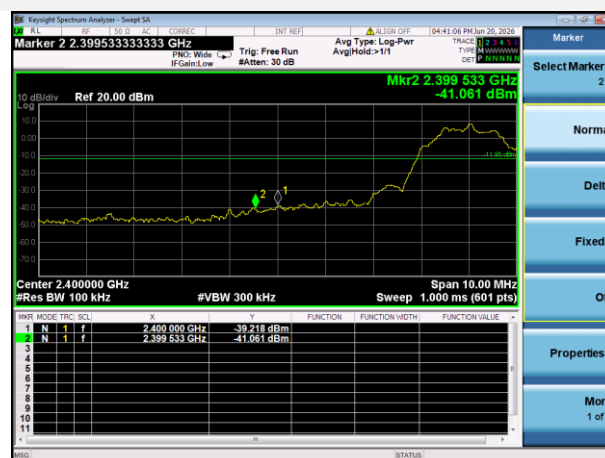
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE



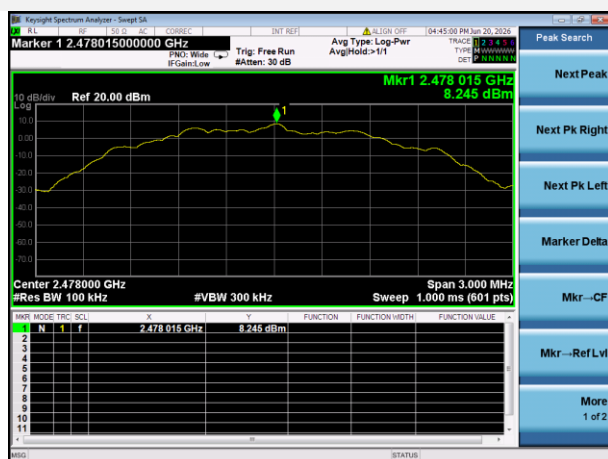
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



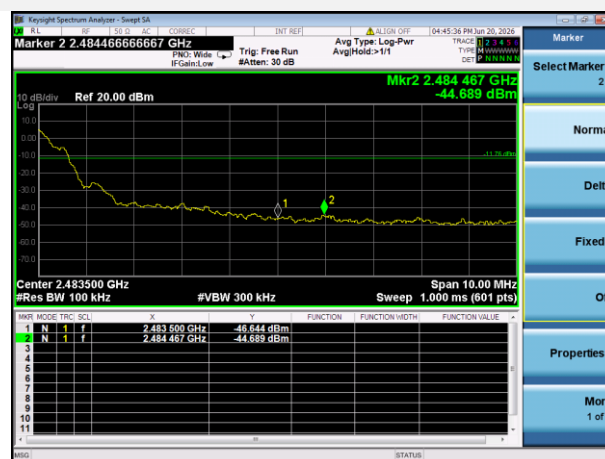
GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE 2Mbps) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

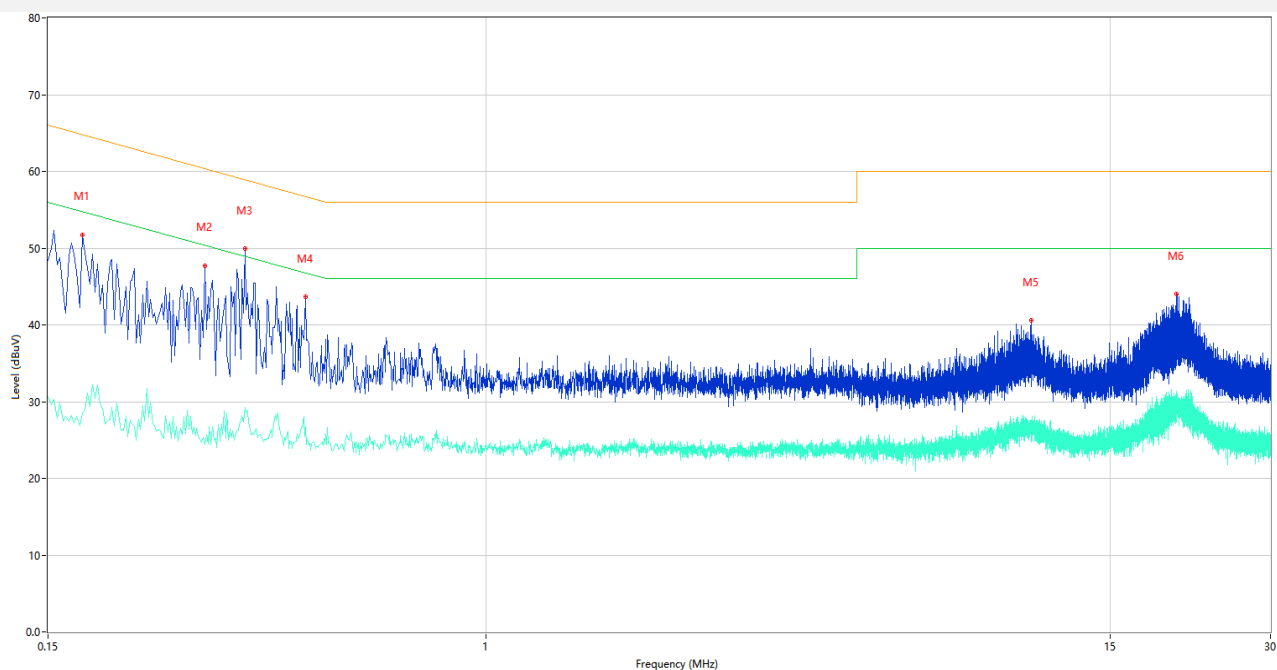
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

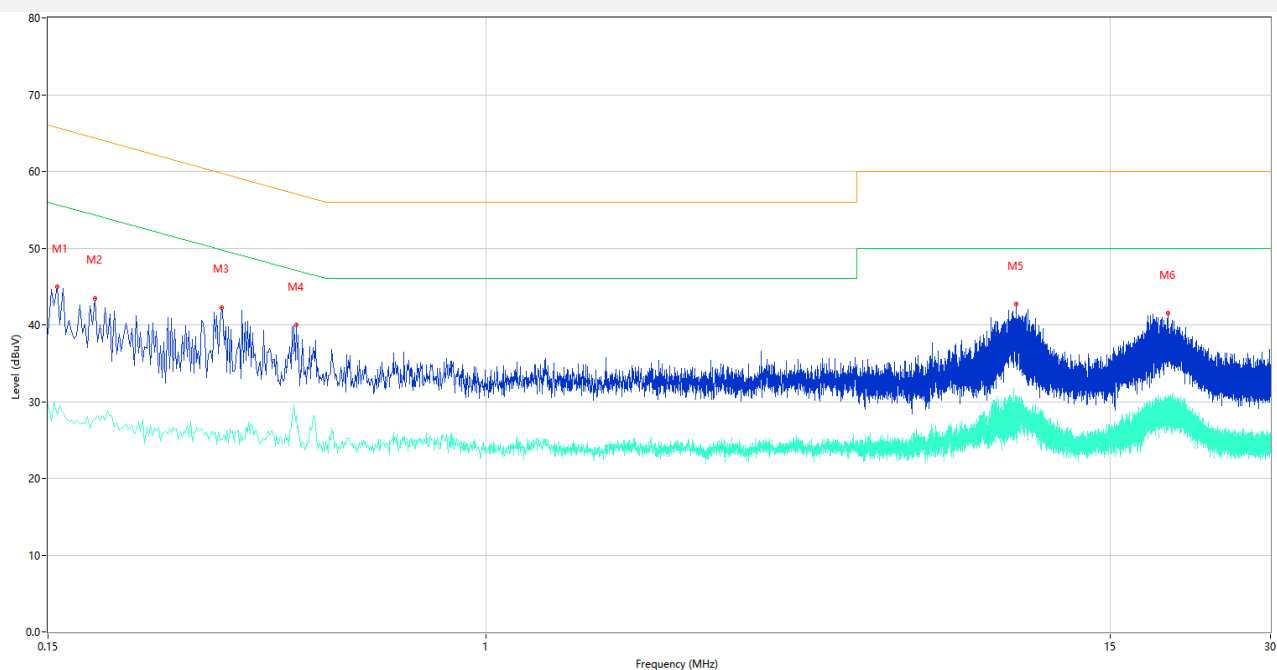
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.174	51.72	9.76	64.77	13.05	Peak	L	Pass
1**	0.174	28.53	9.76	54.77	26.24	AV	L	Pass
2	0.296	47.73	9.74	60.35	12.62	Peak	L	Pass
2**	0.296	24.43	9.74	50.35	25.92	AV	L	Pass
3	0.352	49.95	10.73	58.92	8.97	Peak	L	Pass
3**	0.352	29.20	10.73	48.92	19.72	AV	L	Pass
4	0.458	43.67	10.00	56.73	13.06	Peak	L	Pass
4**	0.458	26.76	10.00	46.73	19.97	AV	L	Pass
5	10.638	40.54	10.35	60.00	19.46	Peak	L	Pass
5**	10.638	25.58	10.35	50.00	24.42	AV	L	Pass
6	19.930	44.06	11.03	60.00	15.94	Peak	L	Pass
6**	19.930	31.39	11.03	50.00	18.61	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	45.00	9.77	65.67	20.67	Peak	N	Pass
1**	0.156	28.33	9.77	55.67	27.34	AV	N	Pass
2	0.184	43.48	9.76	64.30	20.82	Peak	N	Pass
2**	0.184	27.74	9.76	54.30	26.56	AV	N	Pass
3	0.318	42.29	10.10	59.76	17.47	Peak	N	Pass
3**	0.318	25.05	10.10	49.76	24.71	AV	N	Pass
4	0.440	39.98	10.11	57.06	17.08	Peak	N	Pass
4**	0.440	28.12	10.11	47.06	18.94	AV	N	Pass
5	9.952	42.70	10.55	60.00	17.30	Peak	N	Pass
5**	9.952	26.67	10.55	50.00	23.33	AV	N	Pass
6	19.264	41.51	11.00	60.00	18.49	Peak	N	Pass
6**	19.264	27.08	11.00	50.00	22.92	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 C63.10-2020, 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.

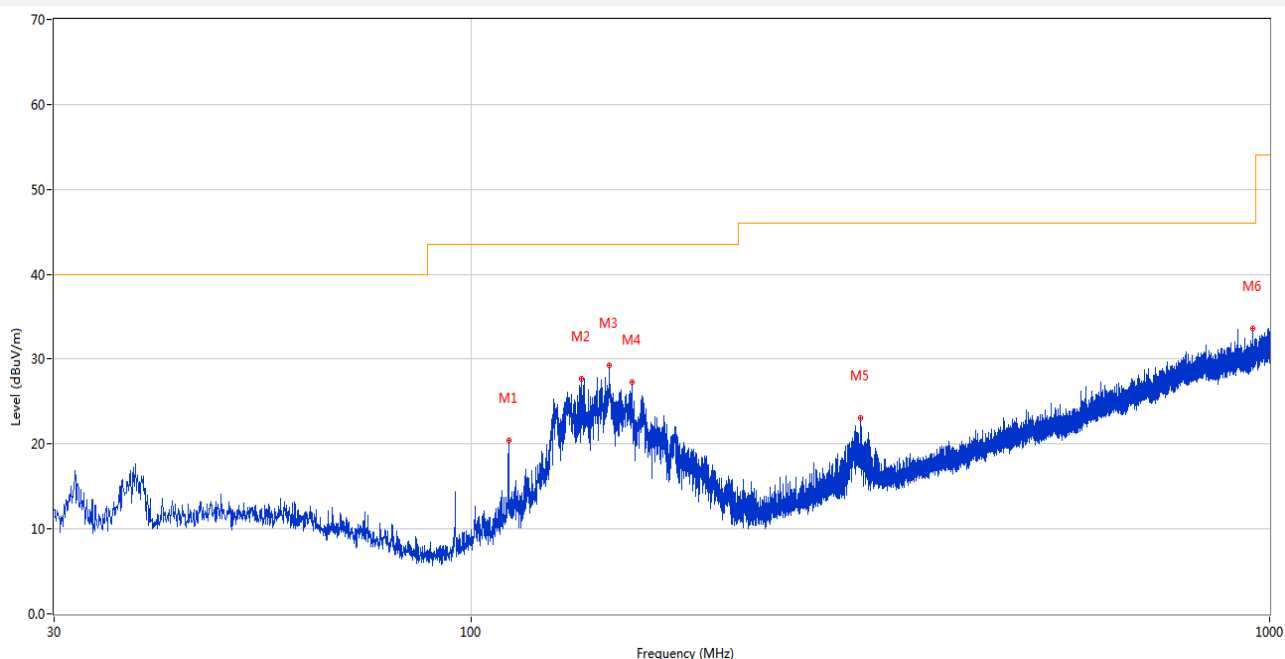
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

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

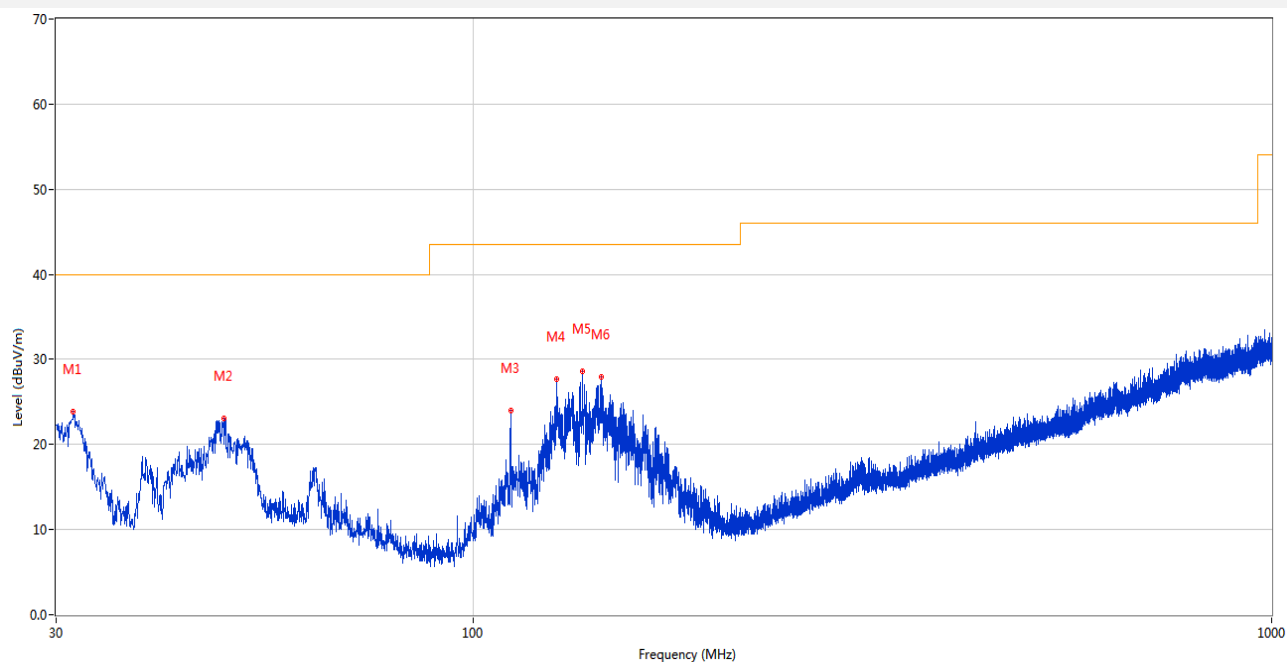
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	111.335	20.47	-27.53	43.5	23.03	Peak	340.00	200	Horizontal	Pass
2	137.428	27.73	-24.78	43.5	15.77	Peak	169.00	200	Horizontal	Pass
3	148.728	29.29	-23.66	43.5	14.21	Peak	177.00	200	Horizontal	Pass
4	159.010	27.30	-23.72	43.5	16.20	Peak	194.00	200	Horizontal	Pass
5	307.032	23.12	-22.06	46.0	22.88	Peak	354.00	100	Horizontal	Pass
6	952.906	33.59	-7.19	46.0	12.41	Peak	48.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

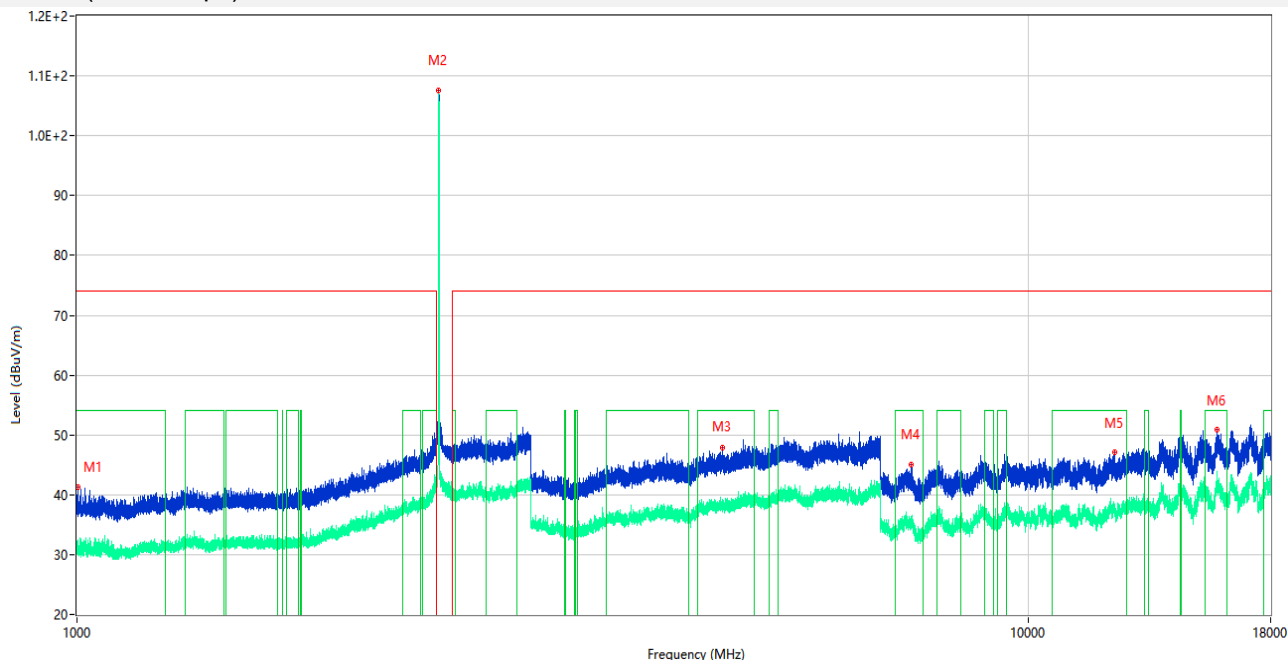


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.503	23.86	-26.79	40.0	16.14	Peak	97.00	100	Vertical	Pass
2	48.624	23.10	-24.79	40.0	16.90	Peak	174.00	100	Vertical	Pass
3	111.335	23.99	-27.53	43.5	19.51	Peak	327.00	100	Vertical	Pass
4	127.291	27.66	-26.16	43.5	15.84	Peak	248.00	100	Vertical	Pass
5	136.797	28.57	-24.83	43.5	14.93	Peak	232.00	100	Vertical	Pass
6	144.412	27.97	-24.09	43.5	15.53	Peak	240.00	100	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

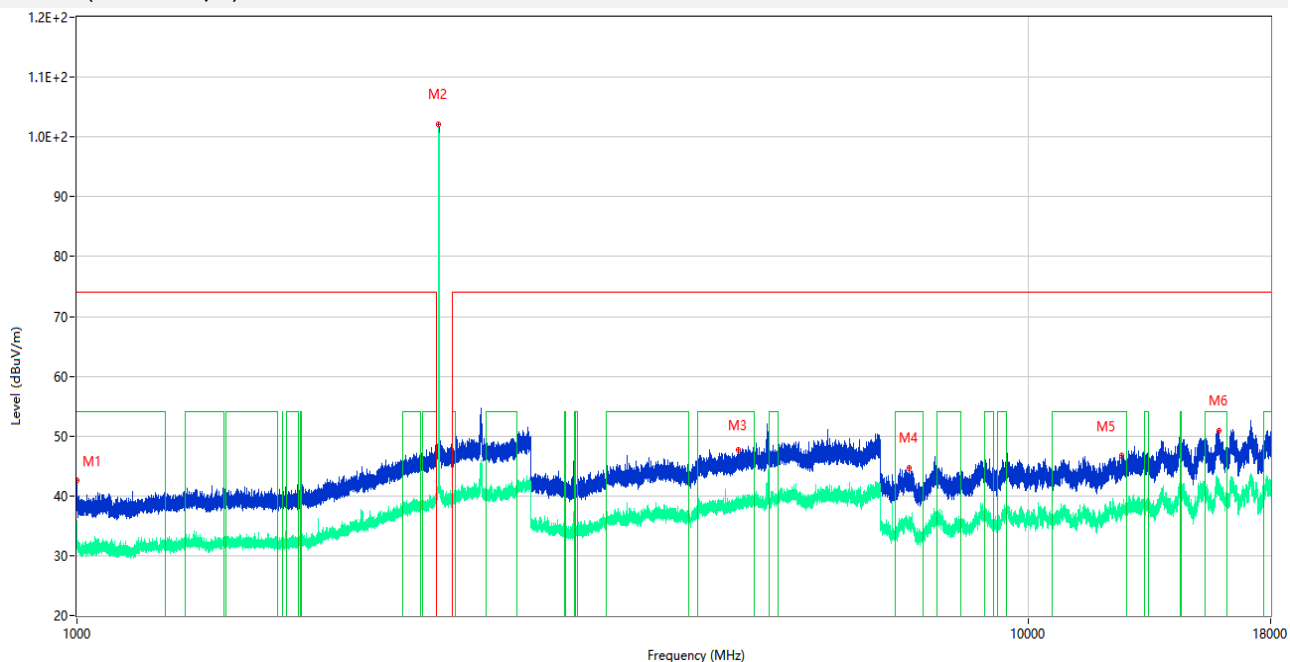
Note²: The spurious from 18GHz-25GHz is noise only, do not show on the report.

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



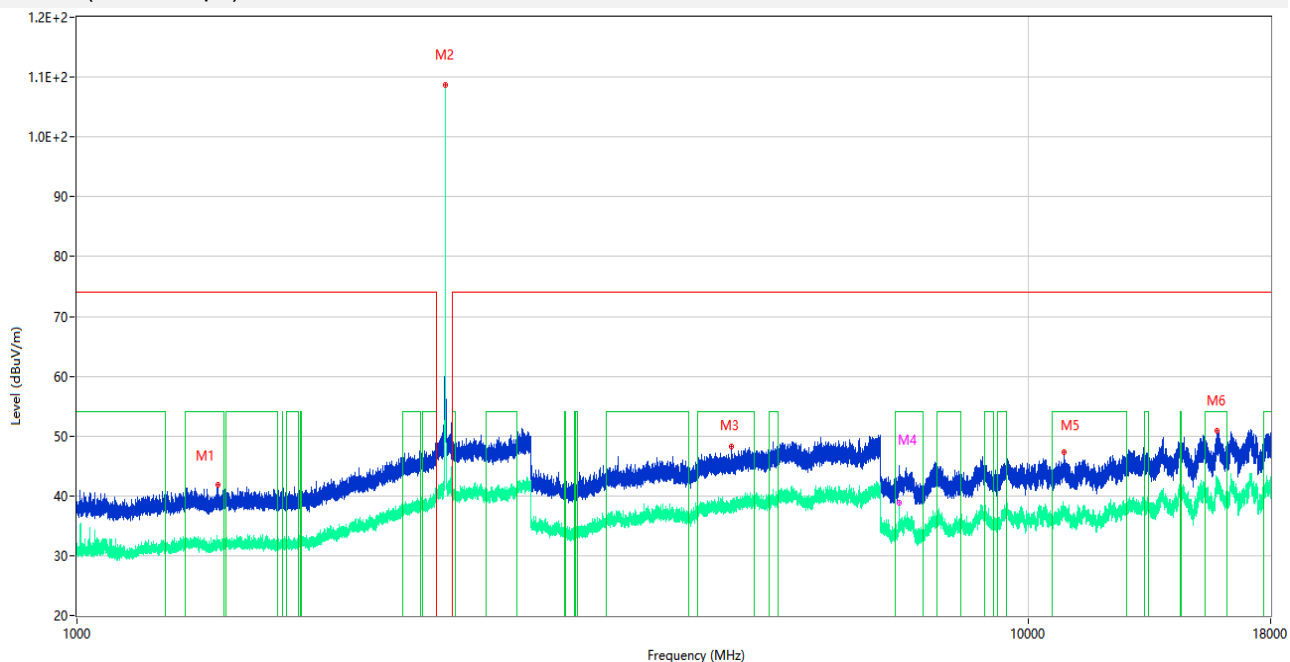
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1002.700	41.35	74.0	32.65	Peak	81.00	100	Horizontal	Pass
1**	1002.700	30.91	54.0	23.09	AV	81.00	100	Horizontal	Pass
2	2402.000	107.65	--	--	Peak	38.00	100	Horizontal	N/A
2**	2402.000	107.00	--	--	AV	38.00	100	Horizontal	N/A
3	4774.800	47.82	74.0	26.18	Peak	254.00	100	Horizontal	Pass
3**	4774.800	38.47	54.0	15.53	AV	254.00	100	Horizontal	Pass
4	7544.525	45.11	74.0	28.89	Peak	156.00	100	Horizontal	Pass
4**	7544.525	35.83	54.0	18.17	AV	156.00	100	Horizontal	Pass
5	12326.225	47.03	74.0	26.97	Peak	277.00	150	Horizontal	Pass
5**	12326.225	38.44	54.0	15.56	AV	277.00	150	Horizontal	Pass
6	15818.888	50.83	74.0	23.17	Peak	343.00	300	Horizontal	Pass
6**	15818.888	41.50	54.0	12.50	AV	343.00	300	Horizontal	Pass

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



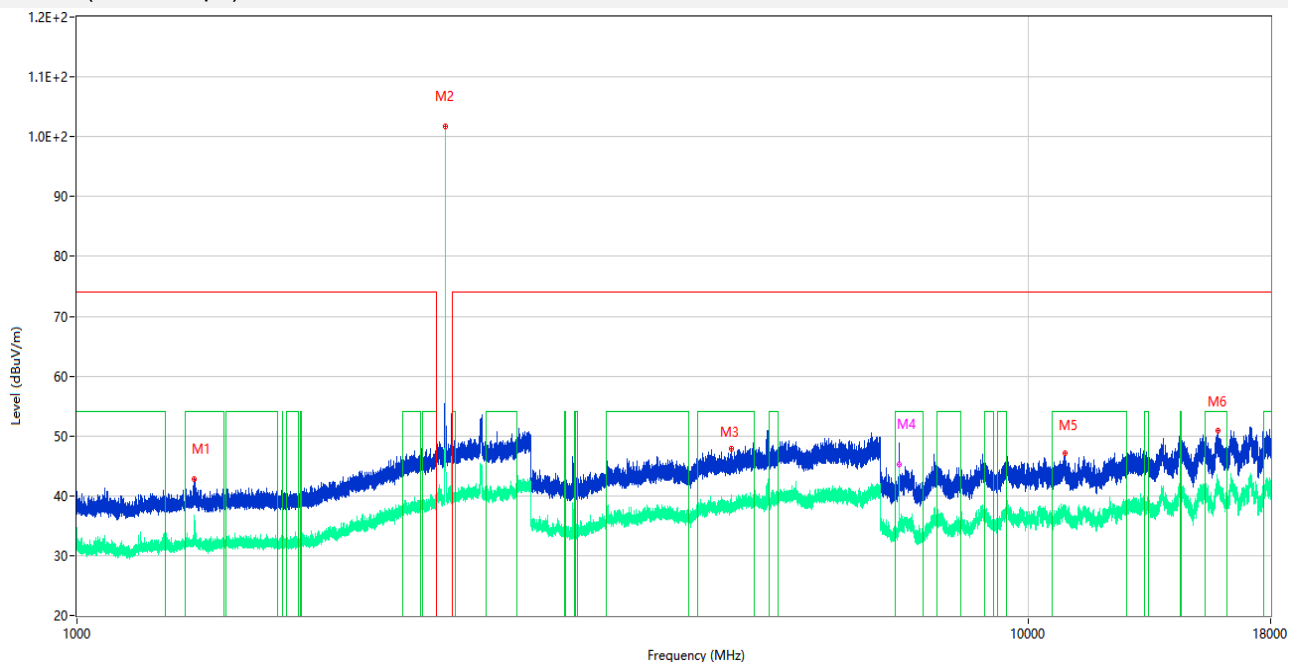
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.100	42.57	74.0	31.43	Peak	360.00	100	Vertical	Pass
1**	1000.100	35.03	54.0	18.97	AV	360.00	100	Vertical	Pass
2	2402.000	102.13	--	--	Peak	299.00	200	Vertical	N/A
2**	2402.000	101.38	--	--	AV	299.00	200	Vertical	N/A
3	4956.200	47.65	74.0	26.35	Peak	210.00	200	Vertical	Pass
3**	4956.200	38.32	54.0	15.68	AV	210.00	200	Vertical	Pass
4	7501.687	44.75	74.0	29.25	Peak	294.00	400	Vertical	Pass
4**	7501.687	35.64	54.0	18.36	AV	294.00	400	Vertical	Pass
5	12557.950	46.66	74.0	27.34	Peak	0.00	100	Vertical	Pass
5**	12557.950	37.10	54.0	16.90	AV	0.00	100	Vertical	Pass
6	15870.075	50.91	74.0	23.09	Peak	111.00	400	Vertical	Pass
6**	15870.075	41.46	54.0	12.54	AV	111.00	400	Vertical	Pass

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



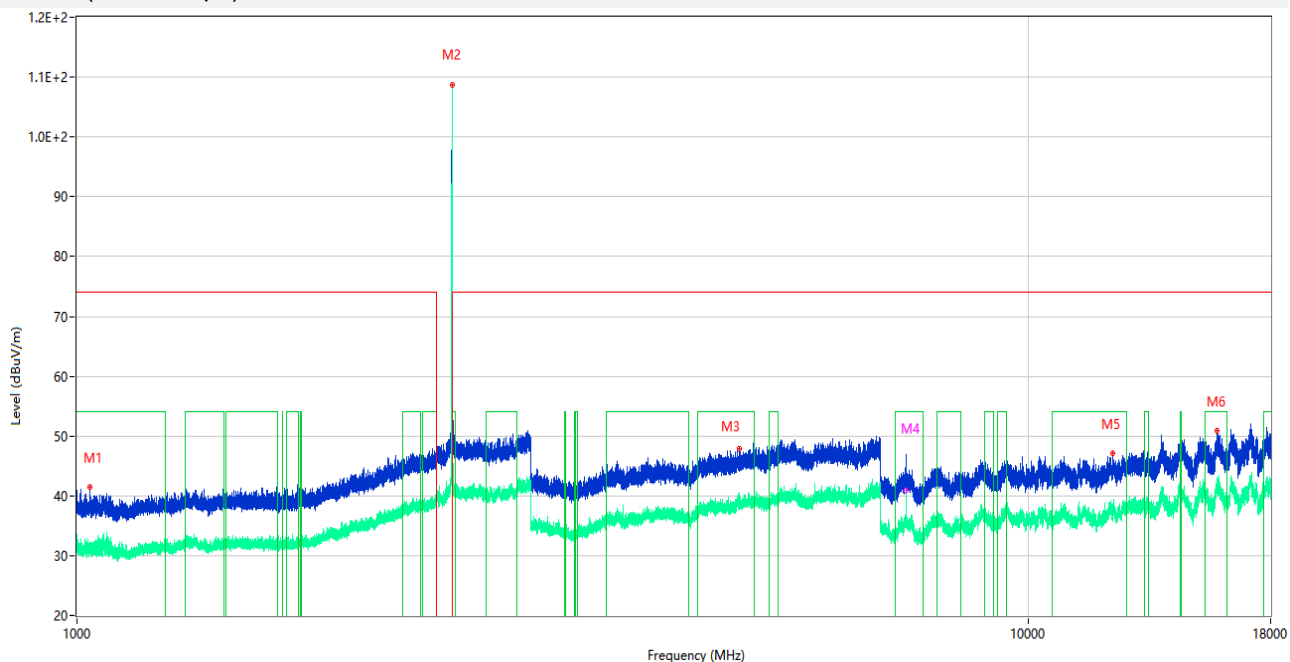
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.600	41.78	74.0	32.22	Peak	249.00	200	Horizontal	Pass
1**	1408.600	31.80	54.0	22.20	AV	249.00	200	Horizontal	Pass
2	2440.000	108.77	--	--	Peak	40.00	100	Horizontal	N/A
2**	2440.000	108.25	--	--	AV	40.00	100	Horizontal	N/A
3	4874.600	48.27	74.0	25.73	Peak	131.00	150	Horizontal	Pass
3**	4874.600	38.11	54.0	15.89	AV	131.00	150	Horizontal	Pass
4	7320.563	44.45	74.0	29.55	Peak	5.00	150	Horizontal	Pass
4**	7320.563	38.91	54.0	15.09	AV	5.00	150	Horizontal	Pass
5	10923.225	47.35	74.0	26.65	Peak	39.00	100	Horizontal	Pass
5**	10923.225	37.21	54.0	16.79	AV	39.00	100	Horizontal	Pass
6	15804.975	50.89	74.0	23.11	Peak	245.00	200	Horizontal	Pass
6**	15804.975	42.36	54.0	11.64	AV	245.00	200	Horizontal	Pass

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



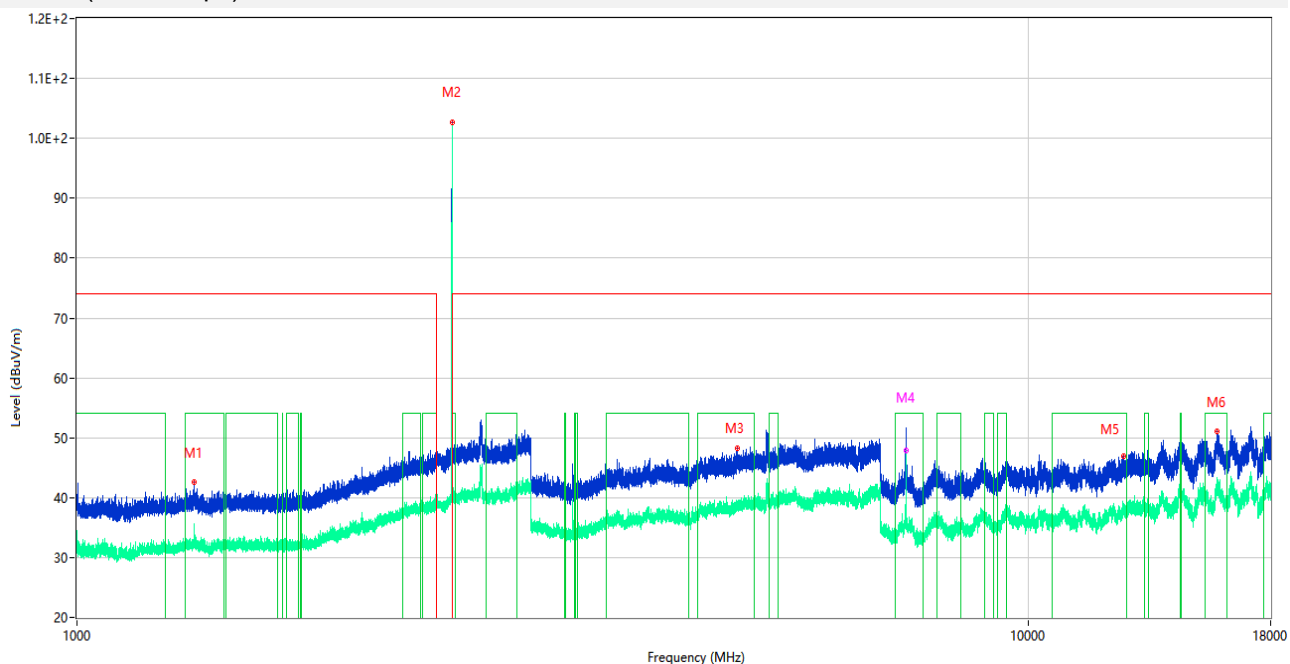
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.800	42.77	74.0	31.23	Peak	125.00	100	Vertical	Pass
1**	1327.800	32.39	54.0	21.61	AV	125.00	100	Vertical	Pass
2	2440.000	101.76	--	--	Peak	360.00	200	Vertical	N/A
2**	2440.000	101.36	--	--	AV	360.00	200	Vertical	N/A
3	4879.600	47.81	74.0	26.19	Peak	98.00	200	Vertical	Pass
3**	4879.600	38.70	54.0	15.30	AV	98.00	200	Vertical	Pass
4	7319.413	47.91	74.0	26.09	Peak	55.00	150	Vertical	Pass
4**	7319.413	45.21	54.0	8.79	AV	55.00	150	Vertical	Pass
5	10953.987	47.15	74.0	26.85	Peak	226.00	200	Vertical	Pass
5**	10953.987	37.64	54.0	16.36	AV	226.00	200	Vertical	Pass
6	15854.325	50.82	74.0	23.18	Peak	244.00	200	Vertical	Pass
6**	15854.325	42.56	54.0	11.44	AV	244.00	200	Vertical	Pass

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



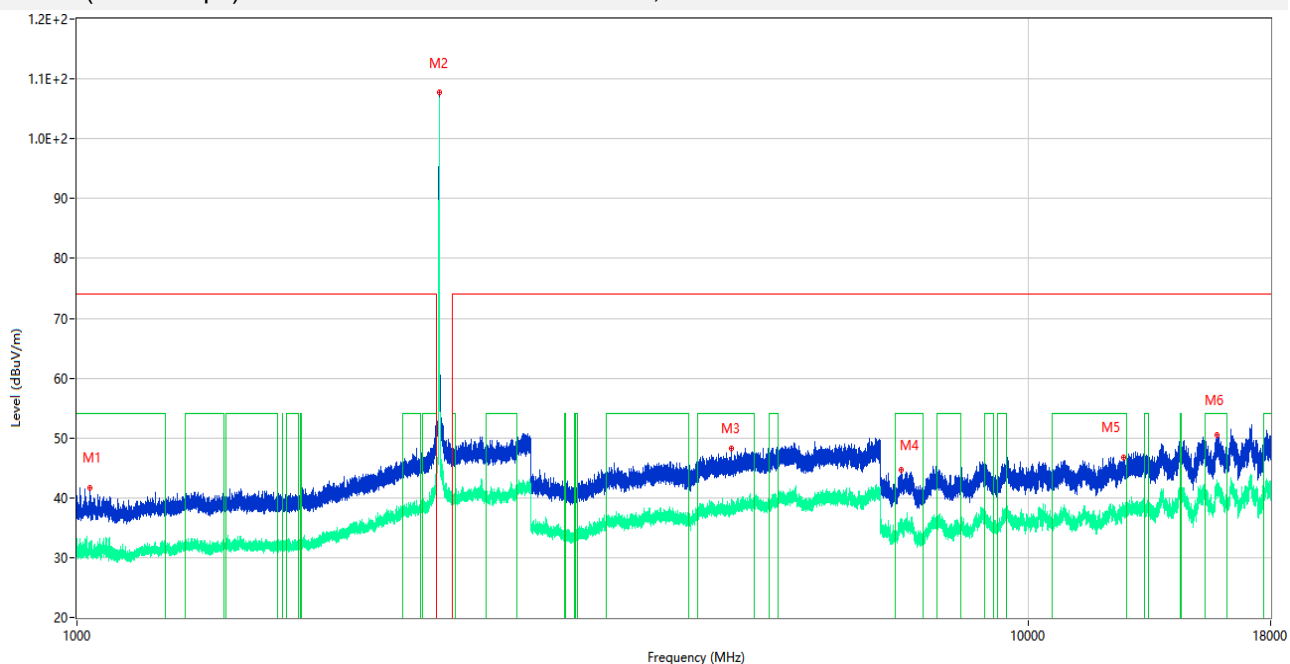
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1031.900	41.53	74.0	32.47	Peak	79.00	400	Horizontal	Pass
1**	1031.900	31.67	54.0	22.33	AV	79.00	400	Horizontal	Pass
2	2480.300	108.79	--	--	Peak	91.00	150	Horizontal	N/A
2**	2480.300	107.97	--	--	AV	91.00	150	Horizontal	N/A
3	4970.000	47.84	74.0	26.16	Peak	29.00	200	Horizontal	Pass
3**	4970.000	37.77	54.0	16.23	AV	29.00	200	Horizontal	Pass
4	7439.587	44.37	74.0	29.63	Peak	71.00	150	Horizontal	Pass
4**	7439.587	40.94	54.0	13.06	AV	71.00	150	Horizontal	Pass
5	12295.175	47.04	74.0	26.96	Peak	311.00	200	Horizontal	Pass
5**	12295.175	37.28	54.0	16.72	AV	311.00	200	Horizontal	Pass
6	15810.750	50.79	74.0	23.21	Peak	150.00	200	Horizontal	Pass
6**	15810.750	41.31	54.0	12.69	AV	150.00	200	Horizontal	Pass

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



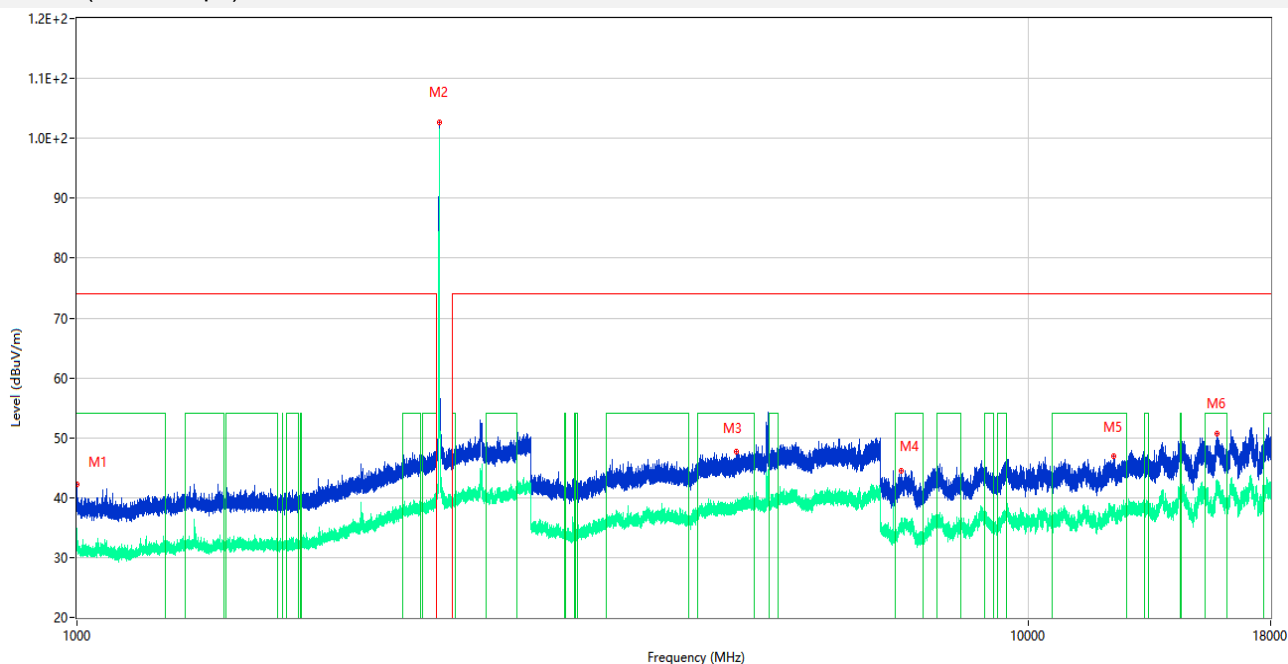
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	42.51	74.0	31.49	Peak	113.00	200	Vertical	Pass
1**	1327.900	32.41	54.0	21.59	AV	113.00	200	Vertical	Pass
2	2480.000	102.68	--	--	Peak	346.00	200	Vertical	N/A
2**	2480.000	102.40	--	--	AV	346.00	200	Vertical	N/A
3	4949.400	48.26	74.0	25.74	Peak	253.00	200	Vertical	Pass
3**	4949.400	38.98	54.0	15.02	AV	253.00	200	Vertical	Pass
4	7440.737	50.50	74.0	23.50	Peak	57.00	150	Vertical	Pass
4**	7440.737	47.91	54.0	6.09	AV	57.00	150	Vertical	Pass
5	12598.487	46.99	74.0	27.01	Peak	261.00	150	Vertical	Pass
5**	12598.487	38.92	54.0	15.08	AV	261.00	150	Vertical	Pass
6	15811.276	51.05	74.0	22.95	Peak	327.00	300	Vertical	Pass
6**	15811.276	41.70	54.0	12.30	AV	327.00	300	Vertical	Pass

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



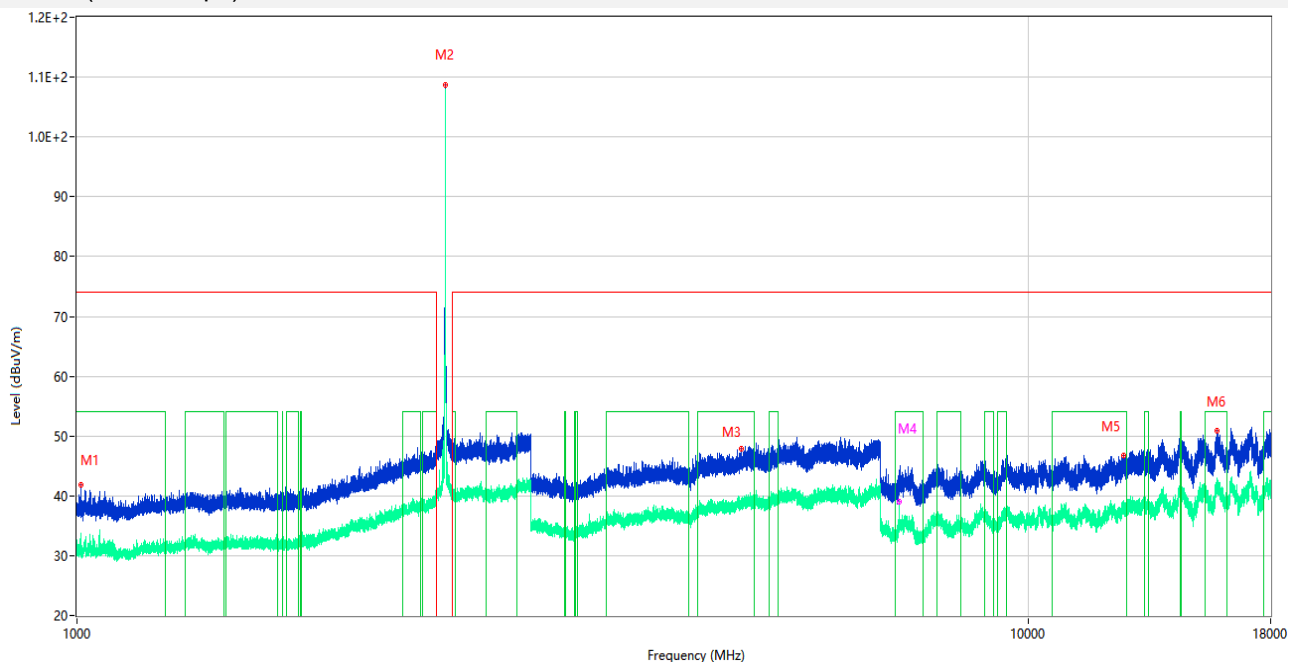
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1032.400	41.61	74.0	32.39	Peak	73.00	100	Horizontal	Pass
1**	1032.400	31.00	54.0	23.00	AV	73.00	100	Horizontal	Pass
2	2403.500	107.72	--	--	Peak	38.00	100	Horizontal	N/A
2**	2403.500	106.32	--	--	AV	38.00	100	Horizontal	N/A
3	4875.600	48.26	74.0	25.74	Peak	279.00	200	Horizontal	Pass
3**	4875.600	37.73	54.0	16.27	AV	279.00	200	Horizontal	Pass
4	7365.125	44.65	74.0	29.35	Peak	260.00	300	Horizontal	Pass
4**	7365.125	35.42	54.0	18.58	AV	260.00	300	Horizontal	Pass
5	12619.475	46.81	74.0	27.19	Peak	0.00	100	Horizontal	Pass
5**	12619.475	37.28	54.0	16.72	AV	0.00	100	Horizontal	Pass
6	15807.863	50.49	74.0	23.51	Peak	92.00	100	Horizontal	Pass
6**	15807.863	42.04	54.0	11.96	AV	92.00	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	1000.100	42.25	74.0	31.75	Peak	360.00	300	Vertical	Pass
1**	1000.100	33.83	54.0	20.17	AV	360.00	300	Vertical	Pass
2	2404.500	102.67	--	--	Peak	305.00	100	Vertical	N/A
2**	2404.500	100.91	--	--	AV	305.00	100	Vertical	N/A
3	4936.000	47.76	74.0	26.24	Peak	322.00	150	Vertical	Pass
3**	4936.000	38.60	54.0	15.40	AV	322.00	150	Vertical	Pass
4	7367.138	44.47	74.0	29.53	Peak	241.00	100	Vertical	Pass
4**	7367.138	35.73	54.0	18.27	AV	241.00	100	Vertical	Pass
5	12300.925	46.84	74.0	27.16	Peak	0.00	150	Vertical	Pass
5**	12300.925	38.01	54.0	15.99	AV	0.00	150	Vertical	Pass
6	15795.000	50.78	74.0	23.22	Peak	73.00	400	Vertical	Pass
6**	15795.000	41.93	54.0	12.07	AV	73.00	400	Vertical	Pass

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



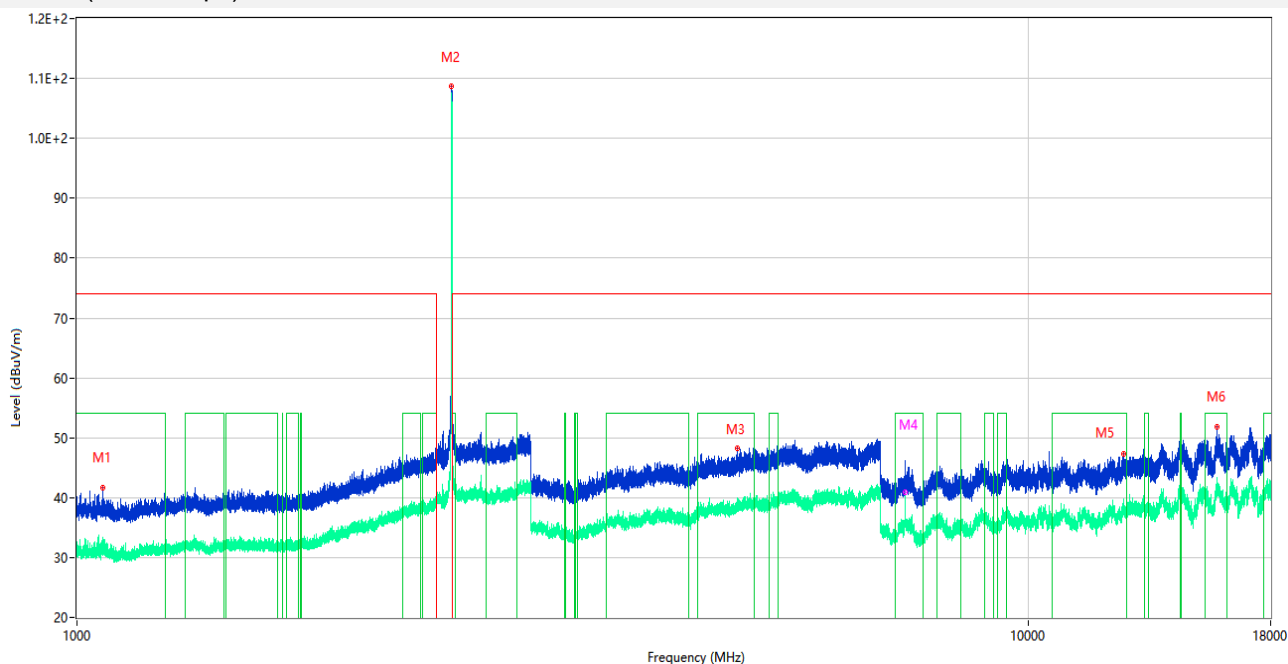
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1008.700	41.85	74.0	32.15	Peak	70.00	400	Horizontal	Pass
1**	1008.700	33.69	54.0	20.31	AV	70.00	400	Horizontal	Pass
2	2440.500	108.79	--	--	Peak	38.00	100	Horizontal	N/A
2**	2440.500	106.47	--	--	AV	38.00	100	Horizontal	N/A
3	4998.000	47.96	74.0	26.04	Peak	130.00	150	Horizontal	Pass
3**	4998.000	38.76	54.0	15.24	AV	130.00	150	Horizontal	Pass
4	7321.713	42.47	74.0	31.53	Peak	0.00	150	Horizontal	Pass
4**	7321.713	39.11	54.0	14.89	AV	0.00	150	Horizontal	Pass
5	12613.724	46.76	74.0	27.24	Peak	241.00	100	Horizontal	Pass
5**	12613.724	38.10	54.0	15.90	AV	241.00	100	Horizontal	Pass
6	15805.763	50.83	74.0	23.17	Peak	72.00	300	Horizontal	Pass
6**	15805.763	42.30	54.0	11.70	AV	72.00	300	Horizontal	Pass

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



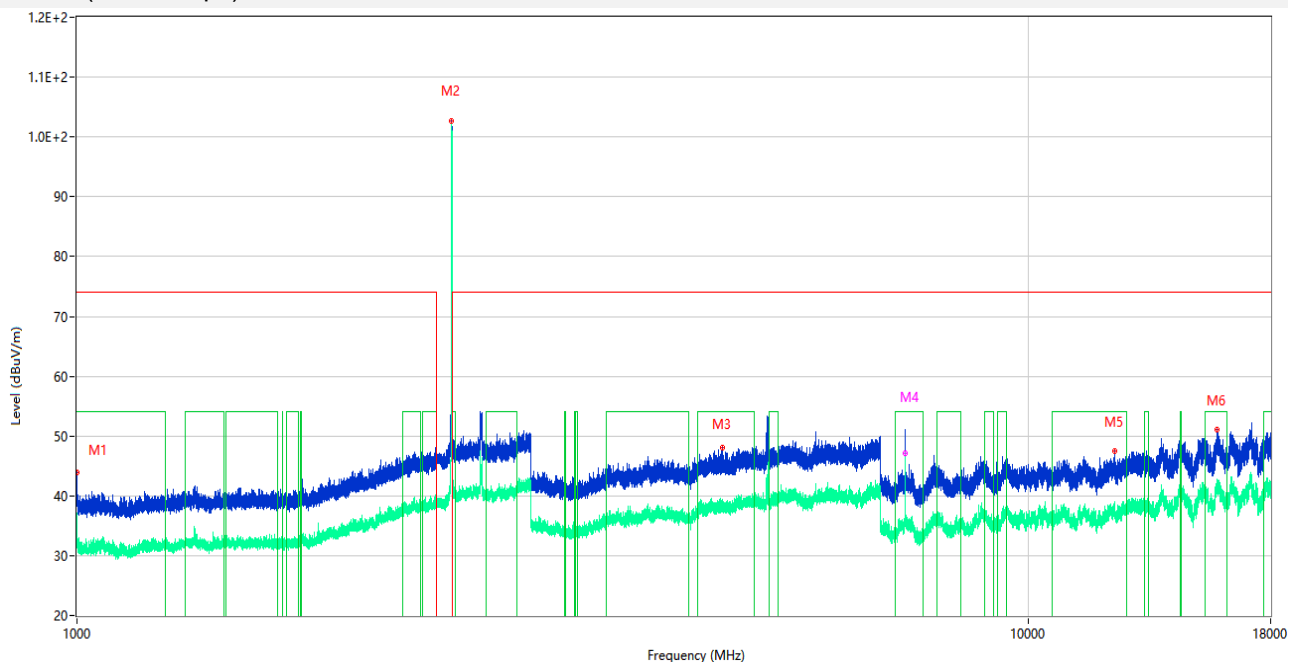
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.200	41.79	74.0	32.21	Peak	26.00	300	Vertical	Pass
1**	1000.200	32.89	54.0	21.11	AV	26.00	300	Vertical	Pass
2	2439.500	101.84	--	--	Peak	360.00	100	Vertical	N/A
2**	2439.500	100.75	--	--	AV	360.00	100	Vertical	N/A
3	4952.600	48.90	74.0	25.10	Peak	111.00	100	Vertical	Pass
3**	4952.600	38.70	54.0	15.30	AV	111.00	100	Vertical	Pass
4	7321.425	48.51	74.0	25.49	Peak	73.00	150	Vertical	Pass
4**	7321.425	44.07	54.0	9.93	AV	73.00	150	Vertical	Pass
5	12306.675	47.15	74.0	26.85	Peak	5.00	200	Vertical	Pass
5**	12306.675	37.81	54.0	16.19	AV	5.00	200	Vertical	Pass
6	15811.276	51.18	74.0	22.82	Peak	111.00	100	Vertical	Pass
6**	15811.276	42.17	54.0	11.83	AV	111.00	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	1064.600	41.75	74.0	32.25	Peak	84.00	100	Horizontal	Pass
1**	1064.600	31.66	54.0	22.34	AV	84.00	100	Horizontal	Pass
2	2478.400	108.69	--	--	Peak	90.00	150	Horizontal	N/A
2**	2478.400	107.08	--	--	AV	90.00	150	Horizontal	N/A
3	4944.400	48.33	74.0	25.67	Peak	64.00	150	Horizontal	Pass
3**	4944.400	39.21	54.0	14.79	AV	64.00	150	Horizontal	Pass
4	7435.275	45.68	74.0	28.32	Peak	3.00	150	Horizontal	Pass
4**	7435.275	40.91	54.0	13.09	AV	3.00	150	Horizontal	Pass
5	12598.487	47.22	74.0	26.78	Peak	346.00	150	Horizontal	Pass
5**	12598.487	38.43	54.0	15.57	AV	346.00	150	Horizontal	Pass
6	15802.087	51.88	74.0	22.12	Peak	188.00	200	Horizontal	Pass
6**	15802.087	41.77	54.0	12.23	AV	188.00	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	1000.000	43.94	74.0	30.06	Peak	354.00	200	Vertical	Pass
1**	1000.000	33.26	54.0	20.74	AV	354.00	200	Vertical	Pass
2	2477.900	102.68	--	--	Peak	360.00	150	Vertical	N/A
2**	2477.900	101.37	--	--	AV	360.00	150	Vertical	N/A
3	4772.000	48.08	74.0	25.92	Peak	18.00	200	Vertical	Pass
3**	4772.000	38.81	54.0	15.19	AV	18.00	200	Vertical	Pass
4	7435.562	50.60	74.0	23.40	Peak	68.00	150	Vertical	Pass
4**	7435.562	47.10	54.0	6.90	AV	68.00	150	Vertical	Pass
5	12330.537	47.43	74.0	26.57	Peak	0.00	150	Vertical	Pass
5**	12330.537	37.74	54.0	16.26	AV	0.00	150	Vertical	Pass
6	15807.337	51.06	74.0	22.94	Peak	93.00	100	Vertical	Pass
6**	15807.337	41.71	54.0	12.29	AV	93.00	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.

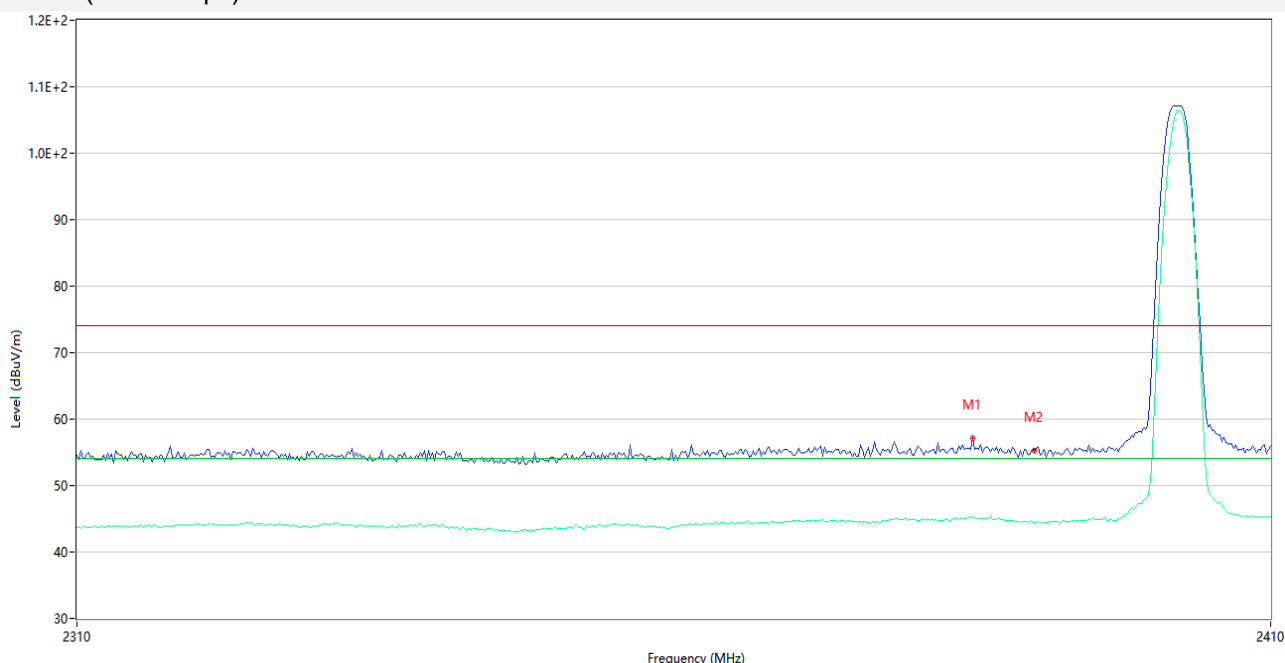
Note³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

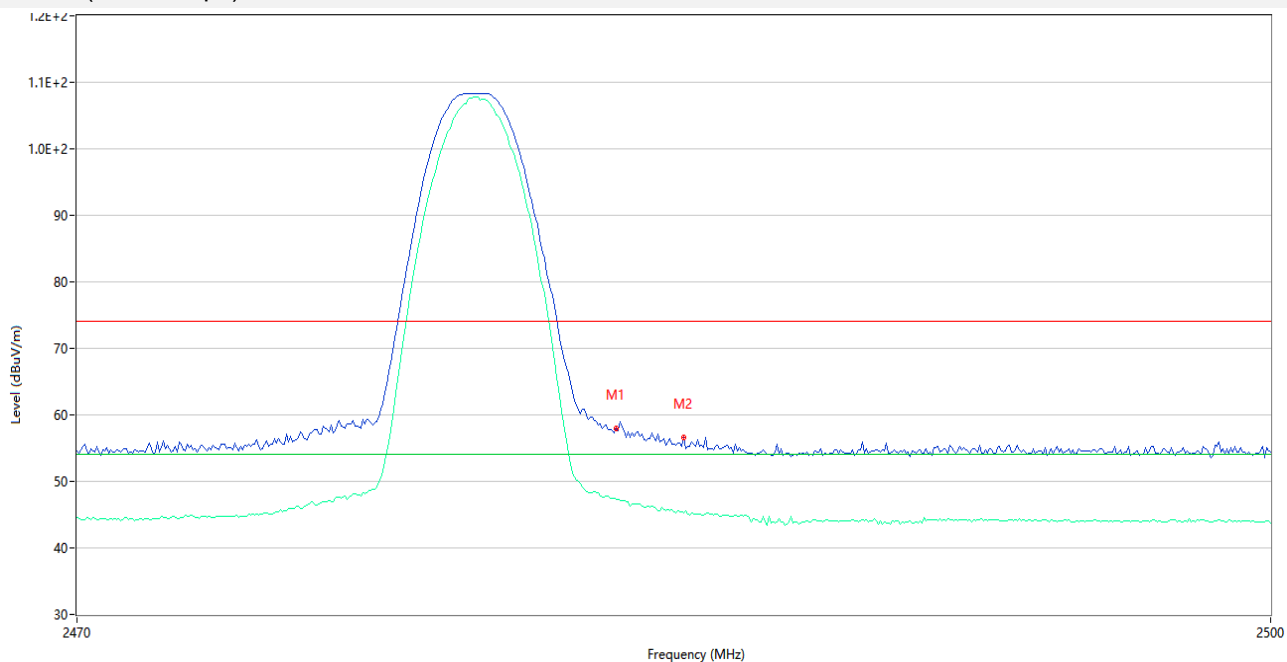
Test Data and Plots

GFSK (BLE 1Mbps) LOW CHANNEL



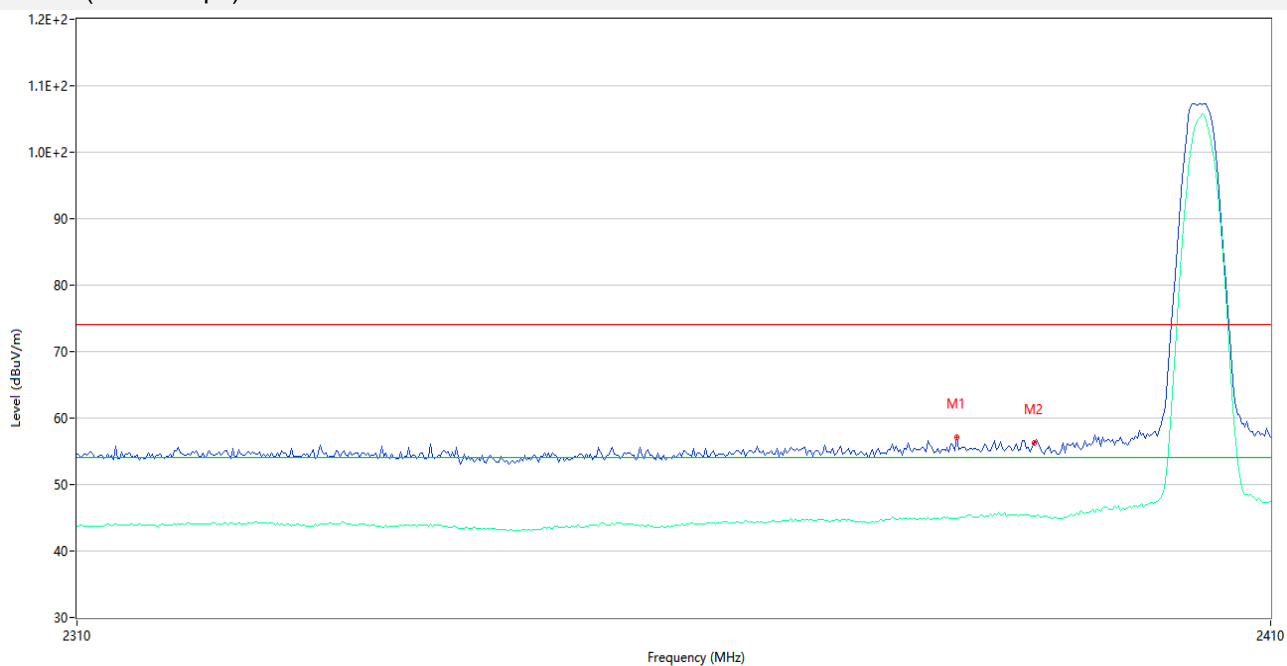
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.667	57.14	74.0	16.86	Peak	185.00	150	Horizontal	Pass
1**	2384.667	45.18	54.0	8.82	AV	185.00	150	Horizontal	Pass
2	2389.833	55.27	74.0	18.73	Peak	276.00	150	Horizontal	Pass
2**	2389.833	44.42	54.0	9.58	AV	276.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



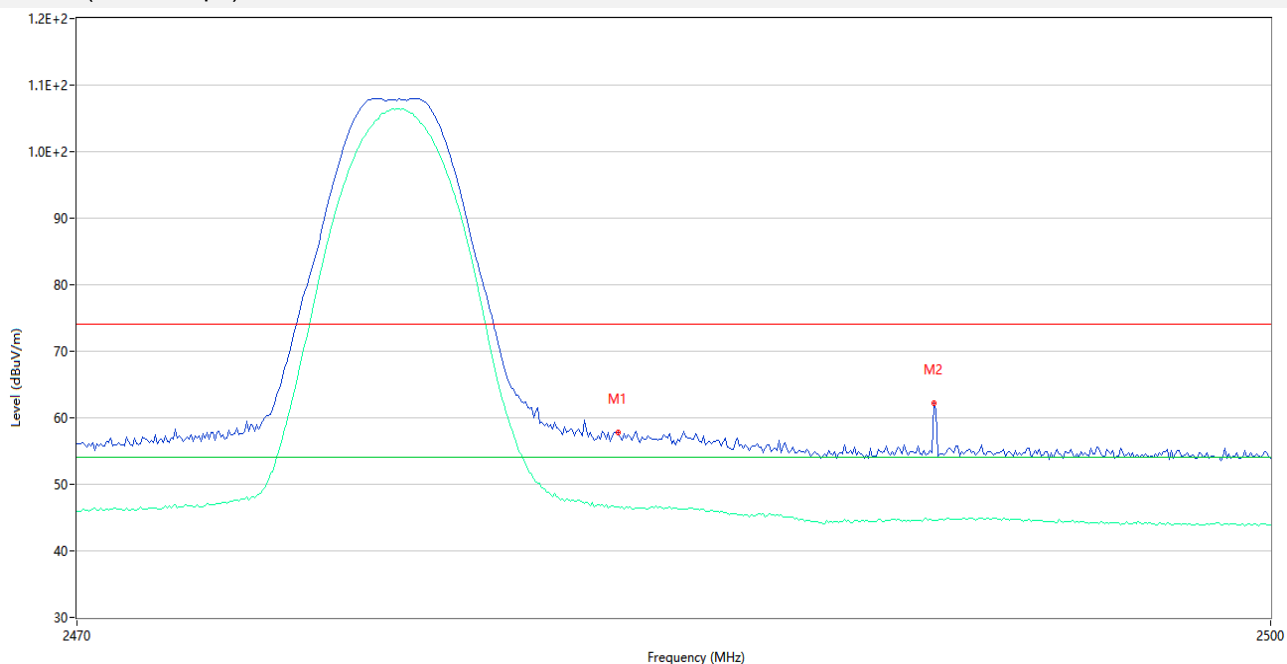
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.04	74.0	15.96	Peak	240.00	100	Horizontal	Pass
1**	2483.500	47.24	54.0	6.76	AV	240.00	100	Horizontal	Pass
2	2485.200	56.57	74.0	17.43	Peak	341.00	150	Horizontal	Pass
2**	2485.200	45.32	54.0	8.68	AV	341.00	150	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	2383.333	57.19	74.0	16.81	Peak	35.00	200	Horizontal	Pass
1**	2383.333	44.94	54.0	9.06	AV	35.00	200	Horizontal	Pass
2	2389.833	56.31	74.0	17.69	Peak	39.00	200	Horizontal	Pass
2**	2389.833	45.26	54.0	8.74	AV	39.00	200	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	57.81	74.0	16.19	Peak	68.00	200	Horizontal	Pass
1**	2483.550	46.54	54.0	7.46	AV	68.00	200	Horizontal	Pass
2	2491.500	62.22	74.0	11.78	Peak	181.00	100	Horizontal	Pass
2**	2491.500	44.59	54.0	9.41	AV	181.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

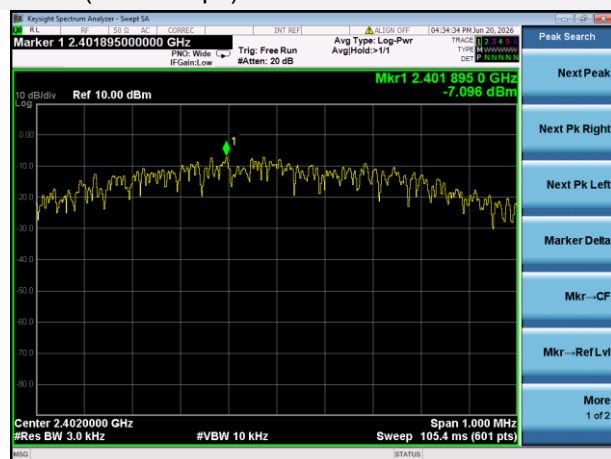
Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-7.10	8	Pass
Middle Channel	-7.19	8	Pass
High Channel	-7.07	8	Pass

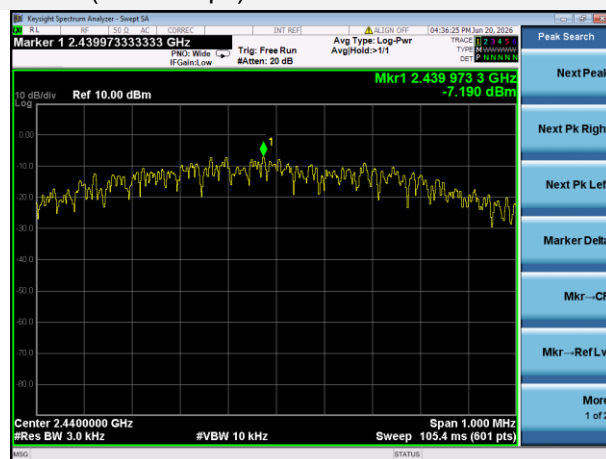
GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-10.28	8	Pass
Middle Channel	-10.07	8	Pass
High Channel	-10.41	8	Pass

Test Plots

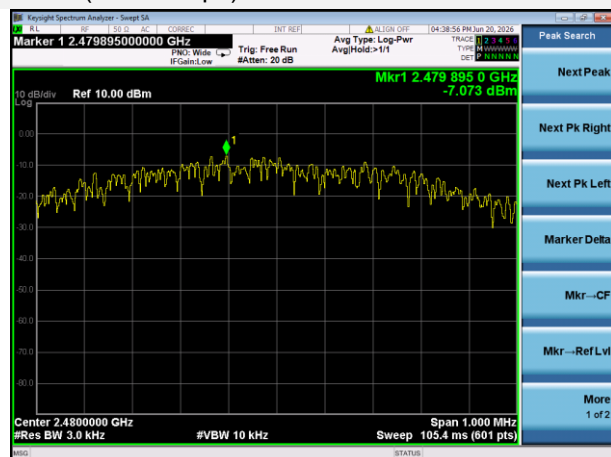
GFSK (BLE 1Mbps) LOW CHANNEL



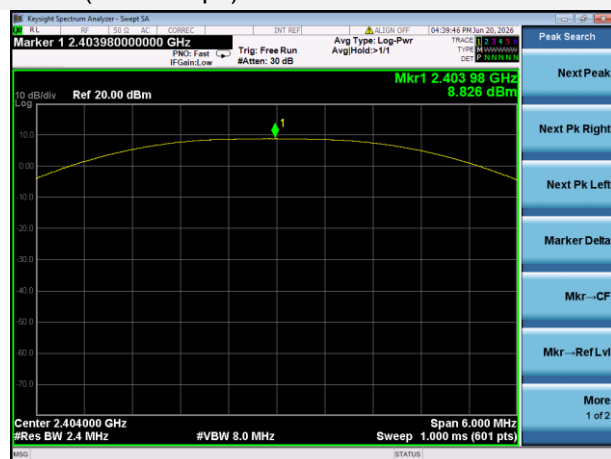
GFSK (BLE 1Mbps) MIDDLE CHANNEL



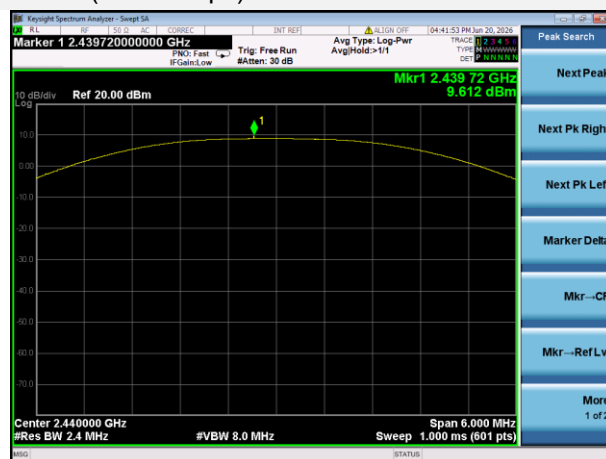
GFSK (BLE 1Mbps) HIGH CHANNEL



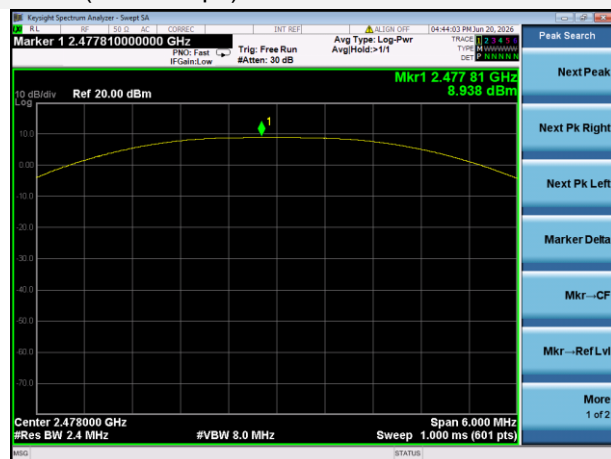
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26050015-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26050015-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26050015-AI.PDF”.

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--END OF REPORT--