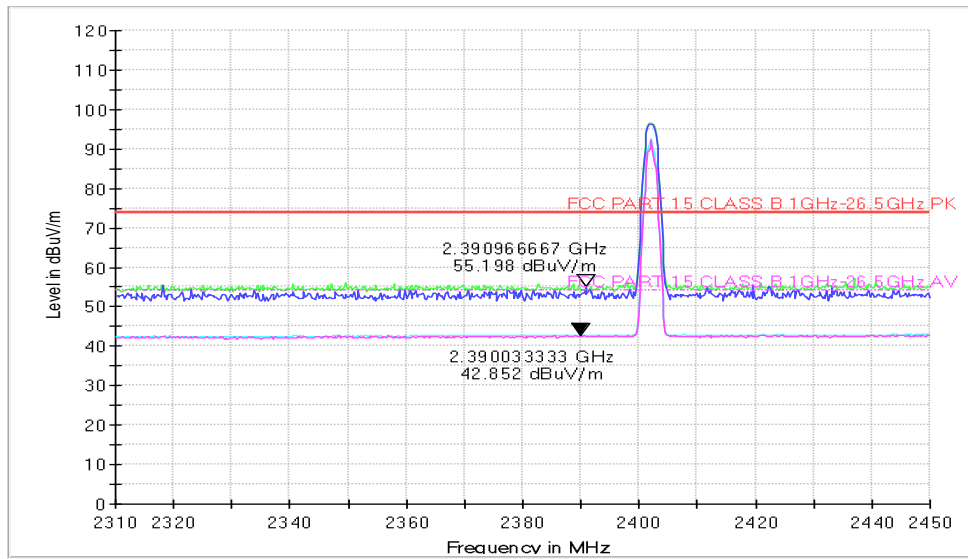
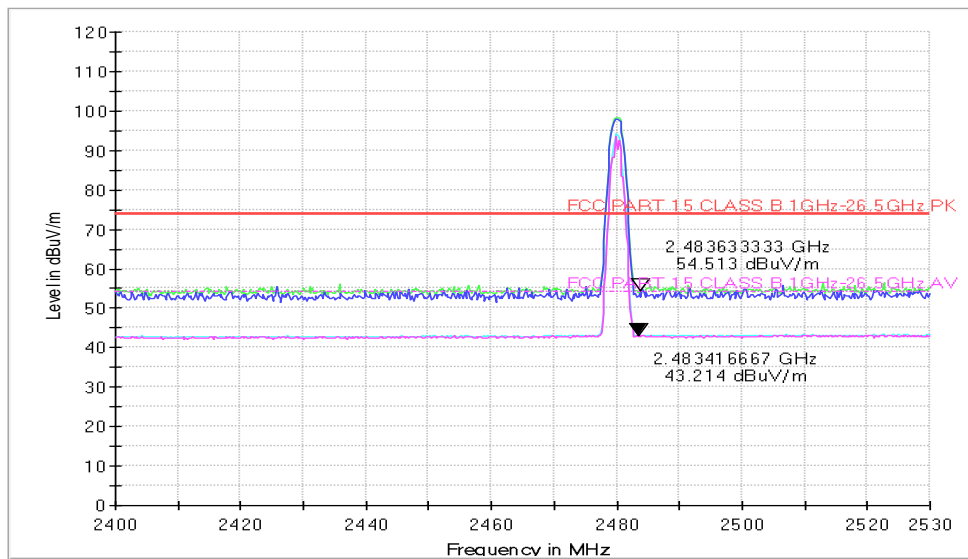


CH\_2402(Band Edge)

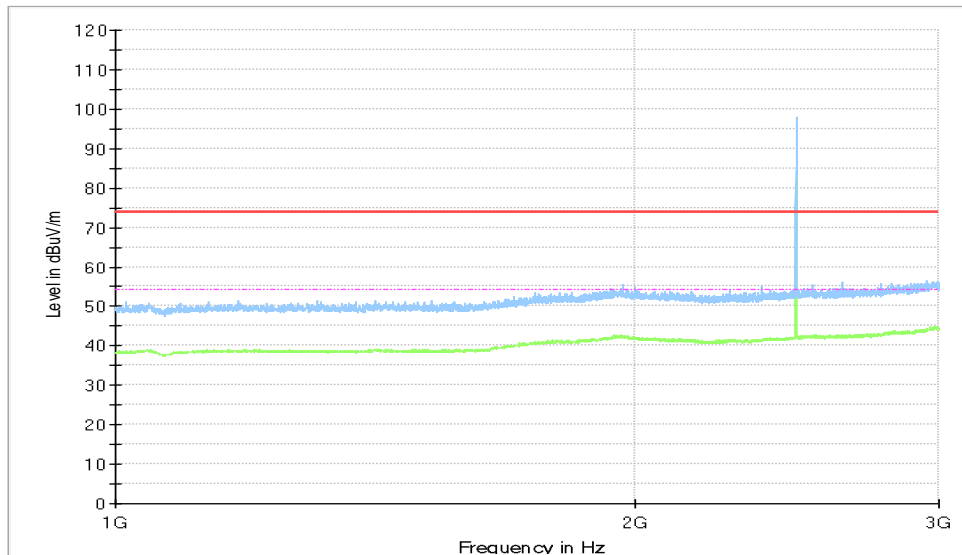


CH\_2480(Band Edge)

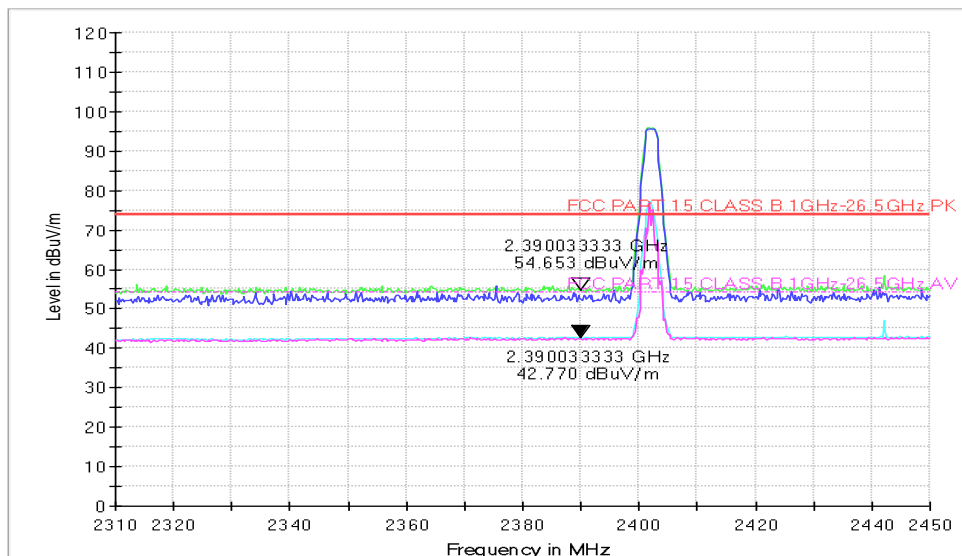


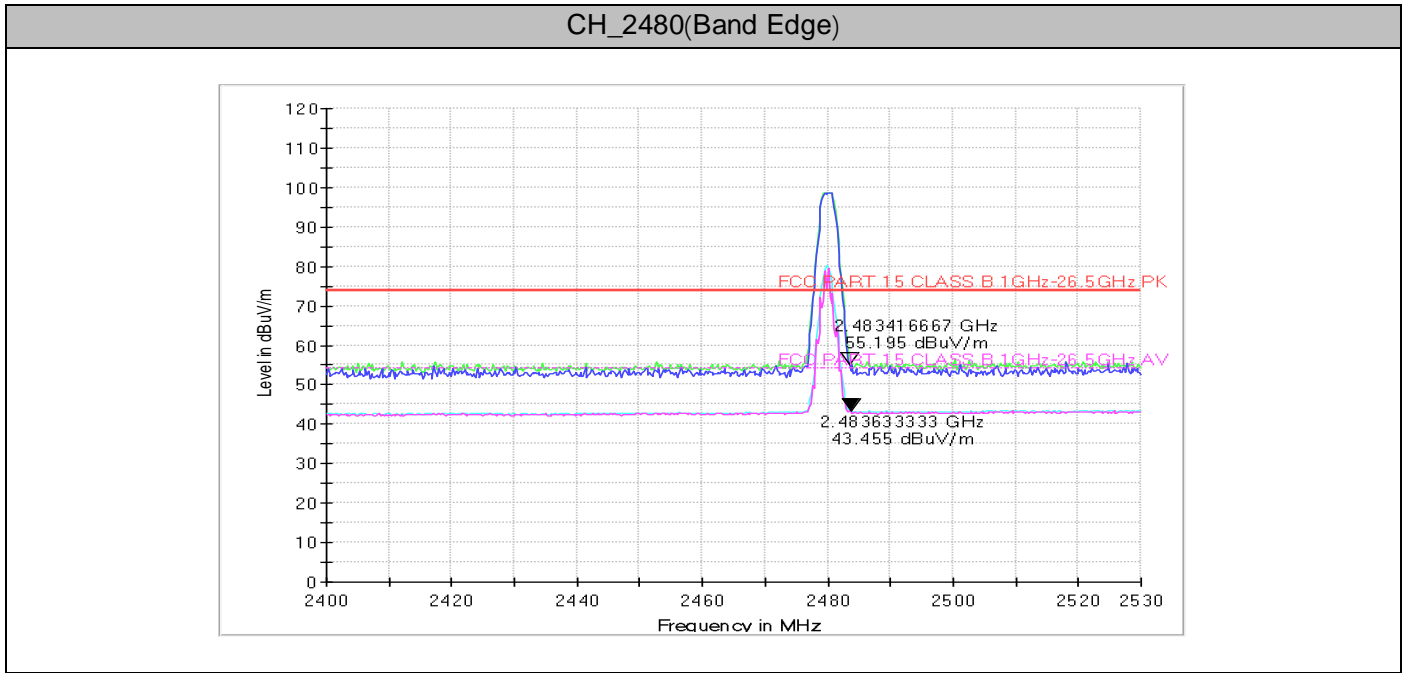
8.2.3.2 TM2\_BLE\_2M

Worst case CH\_2480 (1 GHz to 3 GHz)



CH\_2402(Band Edge)



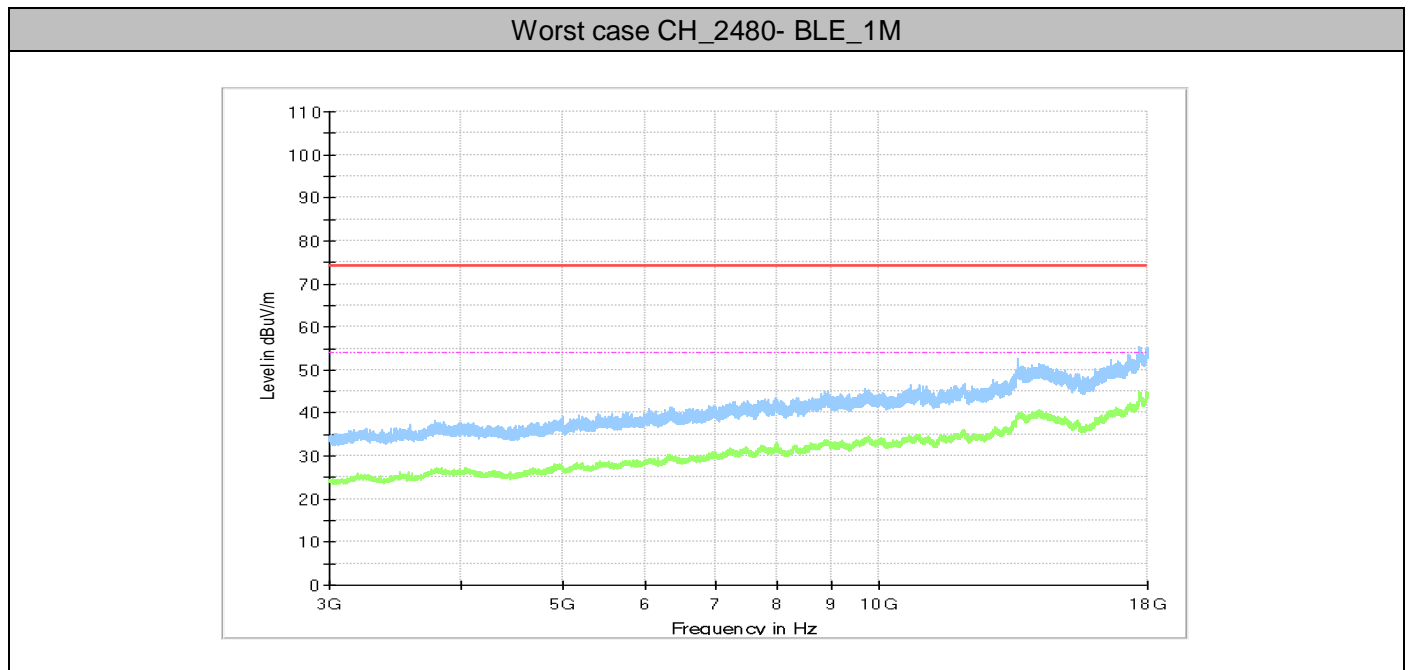


### 8.2.4 Part 4: Testing Range of “3 GHz to 18 GHz”

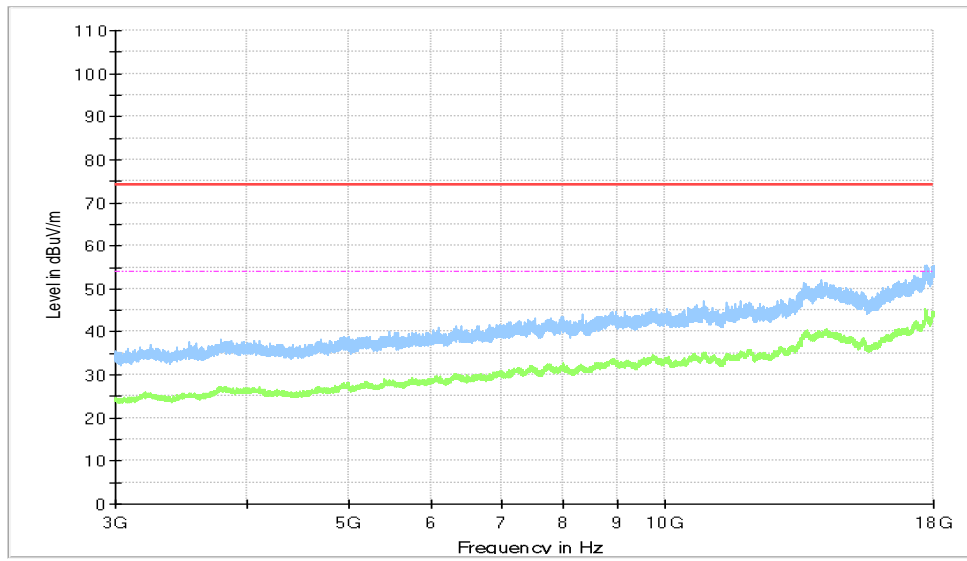
Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is the worst case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).



Worst case CH\_2480- BLE\_2M

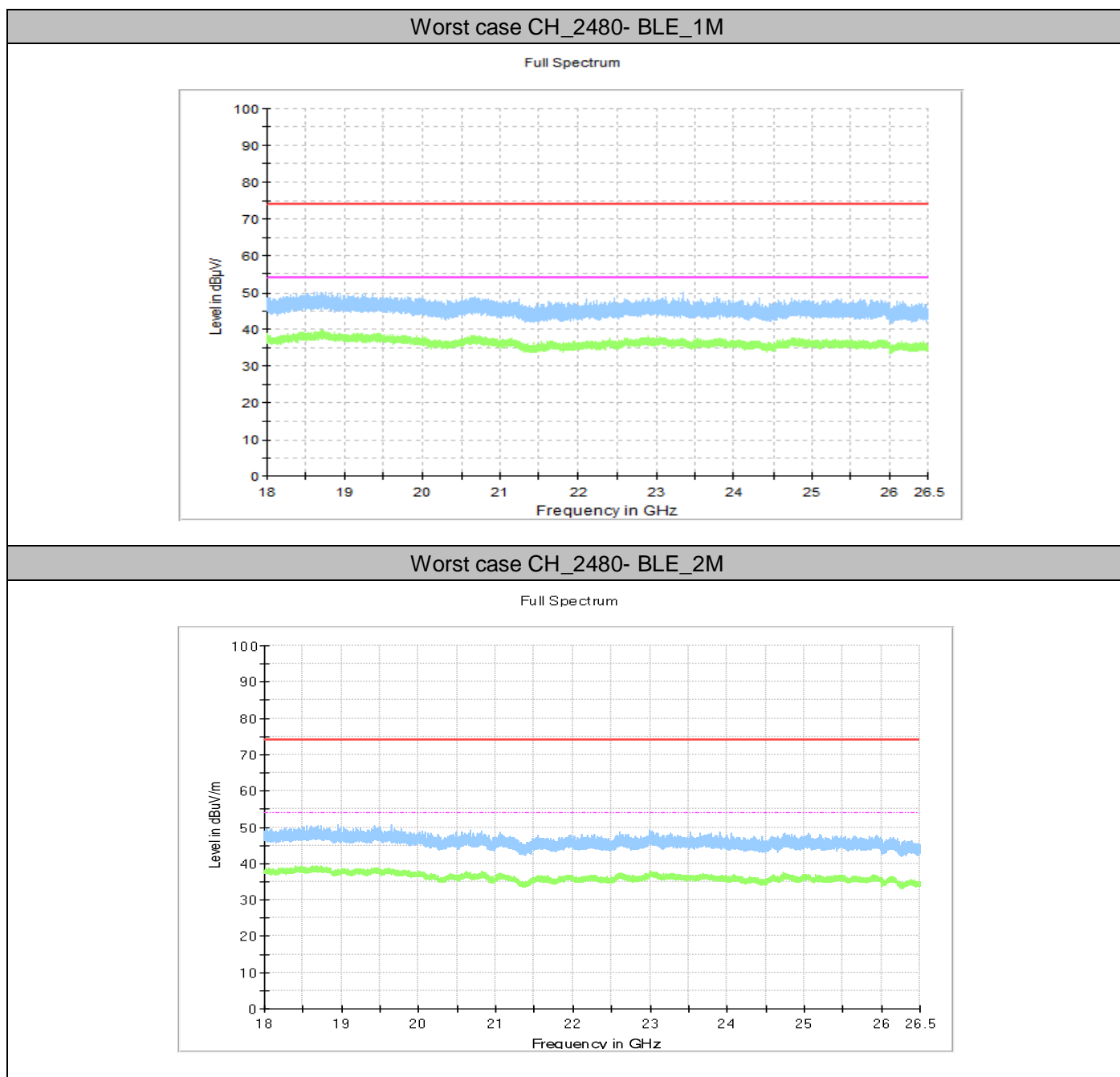


### 8.2.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

Note 1: The test results and plot for testing range of “18 GHz to 26.5 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The testing range of “18 GHz to 26.5 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).



## 9. Appendix I: Conducted Emission at Power Port

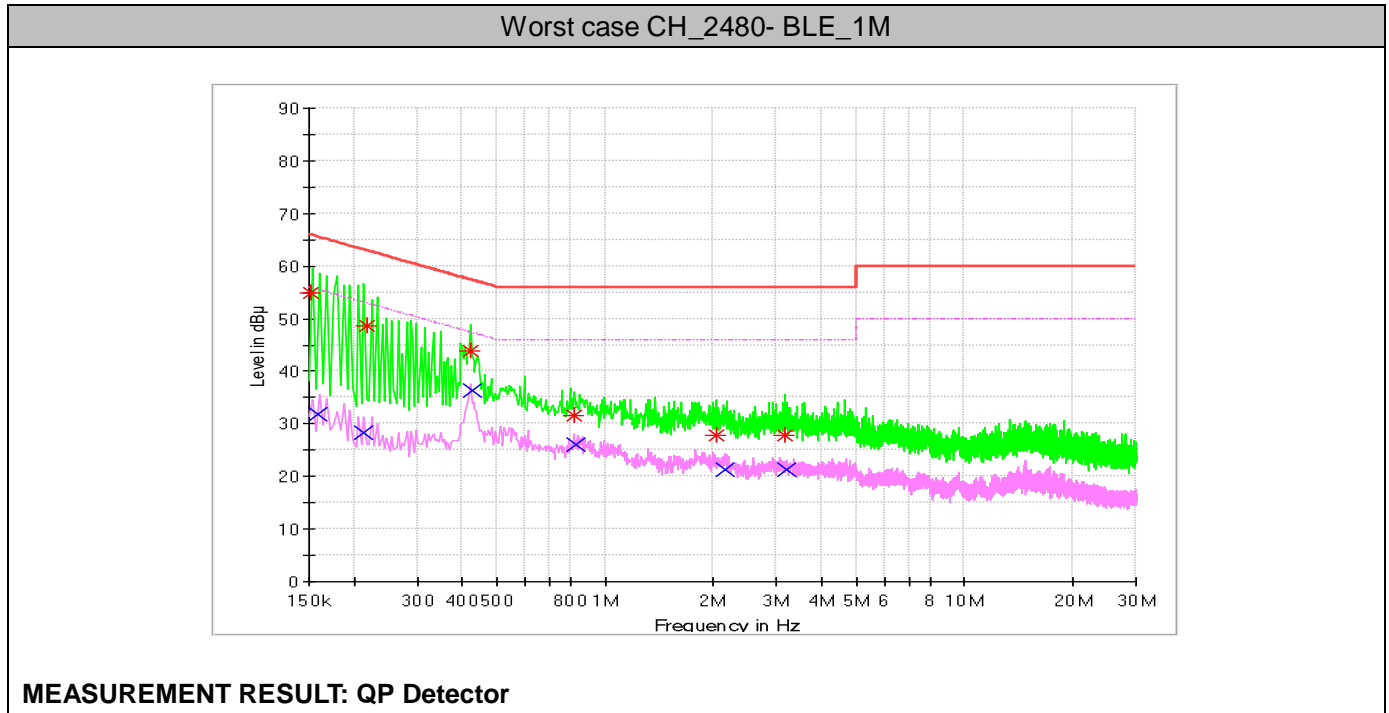
Note 1: The test results and plot for testing range of “150 kHz to 30 MHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: RBW =9 kHz; VBW = 30 kHz

### 9.1 Test Results

Test Mode	Antenna Port	Test Channel	Maximum Emissions	Limit	Verdict
TM1_BLE_1M	Ant1	2480	(see Test Graphs)	(see Test Graphs)	PASS
TM1_BLE_2M	Ant1	2480	(see Test Graphs)	(see Test Graphs)	PASS

9.2 Test Graphs



MEASUREMENT RESULT: QP Detector

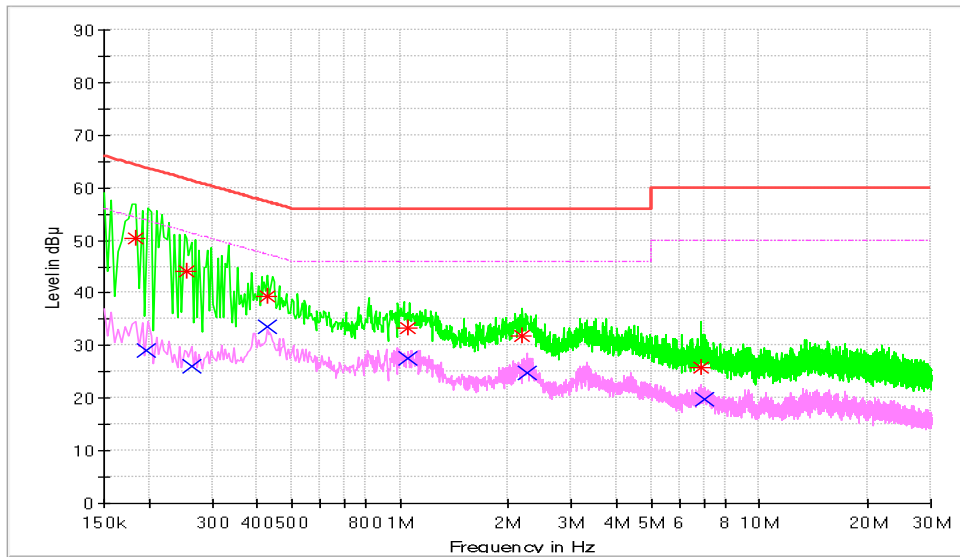
Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Transd. (dB)	Margin (dB)	Line	PE
0.152335	54.87	65.87	9.7	11.00	L1	FLO
0.216359	48.65	62.96	9.7	14.31	L1	FLO
0.424315	43.93	57.36	9.7	13.43	N	FLO
0.820753	31.67	56.00	9.7	24.33	L1	FLO
2.028621	27.89	56.00	9.8	28.11	L1	FLO
3.150108	27.71	56.00	9.8	28.29	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Transd. (dB)	Margin (dB)	Line	PE
0.158143	31.94	55.56	9.7	23.62	N	FLO
0.211886	28.25	53.13	9.7	24.88	L1	FLO
0.424718	36.34	47.36	9.7	11.02	N	FLO
0.833403	25.97	46.00	9.7	20.03	L1	FLO
2.165385	21.28	46.00	9.8	24.72	L1	FLO
3.202522	21.24	46.00	9.8	24.76	N	FLO



Worst case CH\_2480- BLE\_2M



MEASUREMENT RESULT: QP Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.184316	50.51	64.29	9.7	13.78	L1	FLO
0.253987	44.02	61.63	9.7	17.61	L1	FLO
0.426851	39.47	57.31	9.7	17.84	N	FLO
1.056002	33.40	56.00	9.7	22.60	L1	FLO
2.187901	31.79	56.00	9.8	24.21	L1	FLO
6.888750	25.84	60.00	9.9	34.16	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.197320	29.14	53.72	9.7	24.58	N	FLO
0.264376	26.12	51.29	9.7	25.17	L1	FLO
0.427681	33.58	47.30	9.7	13.71	N	FLO
1.050263	27.57	46.00	9.7	18.43	L1	FLO
2.251021	24.89	46.00	9.8	21.11	L1	FLO
7.059744	19.77	50.00	9.9	30.23	N	FLO

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

END