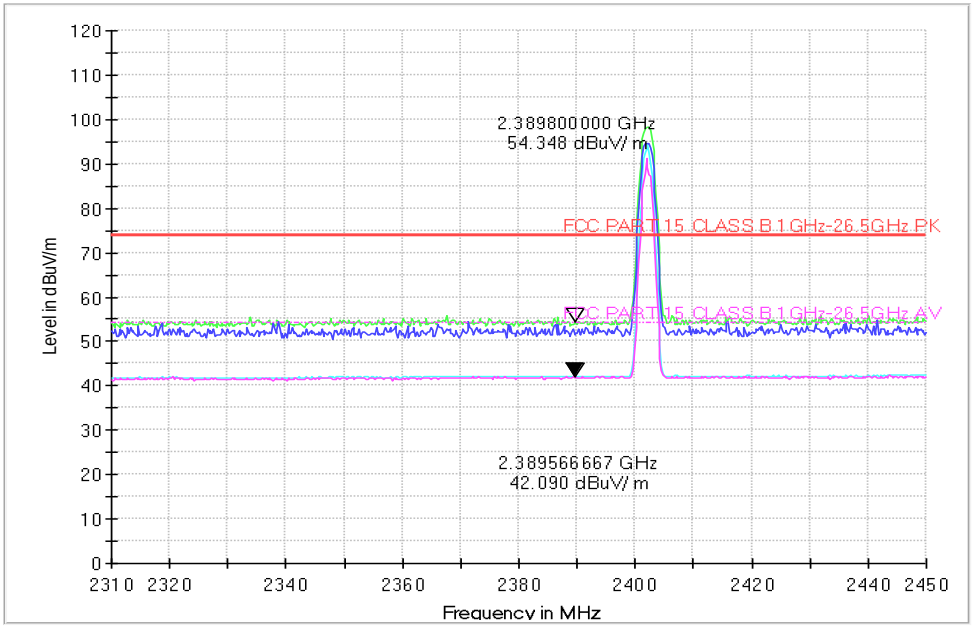
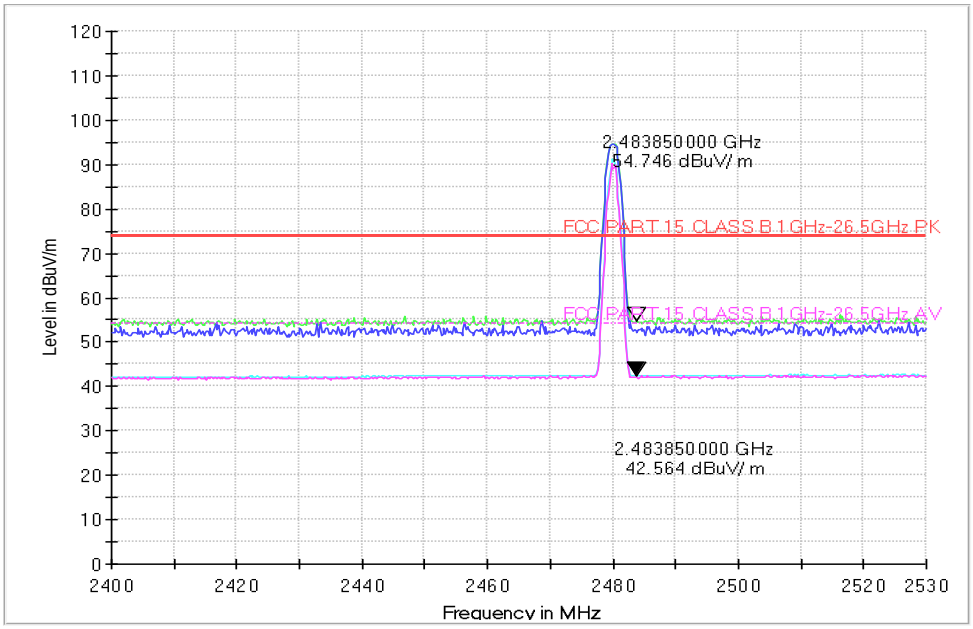
CH_2402_ Ant2 (Band Edge)

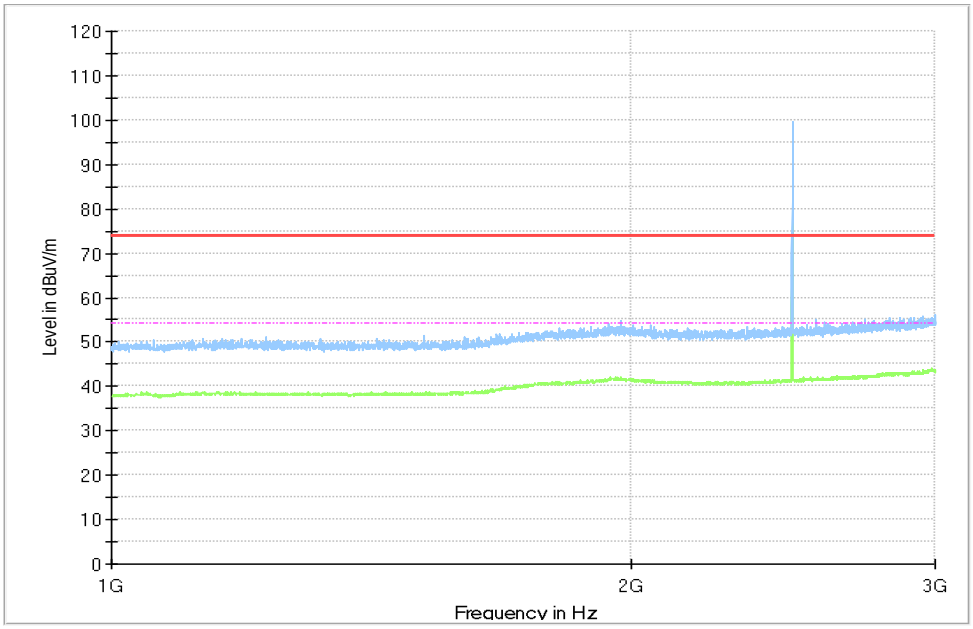


CH_2480_ Ant2 (Band Edge)

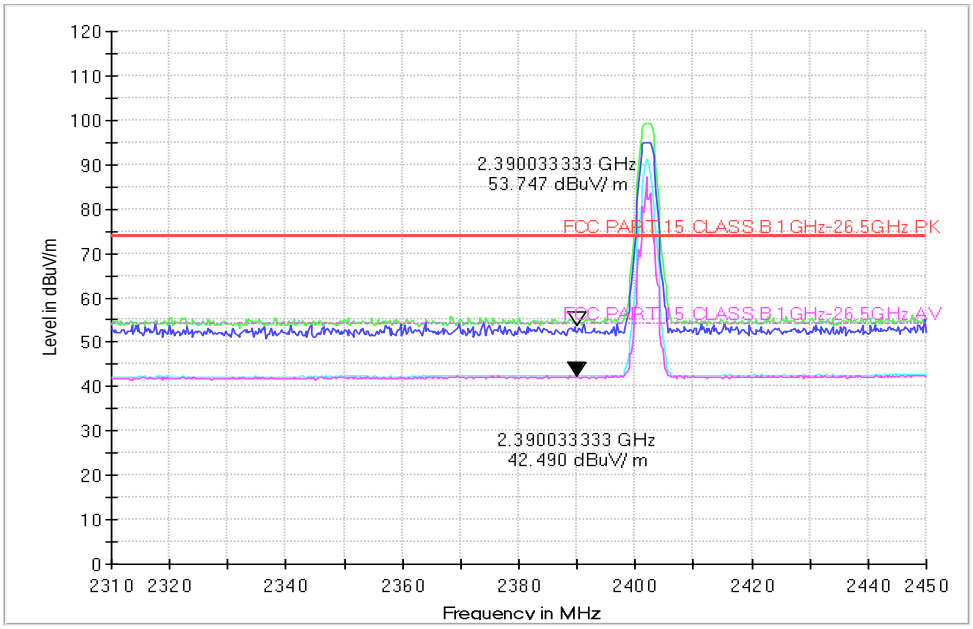


8.2.3.2 TM2_BLE_2M

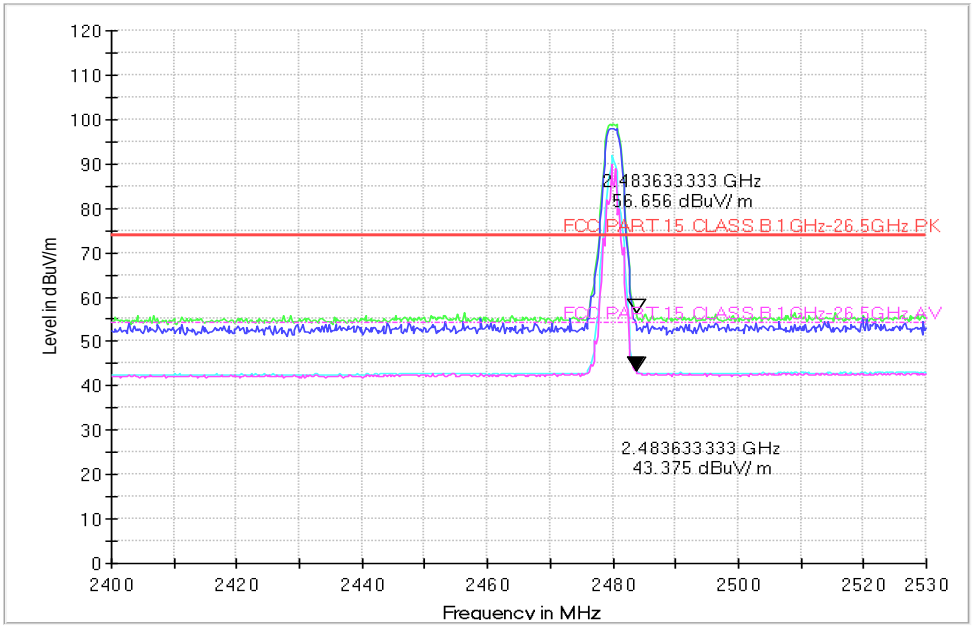
Worst case CH_2480_ Ant1 (1 GHz to 3 GHz)



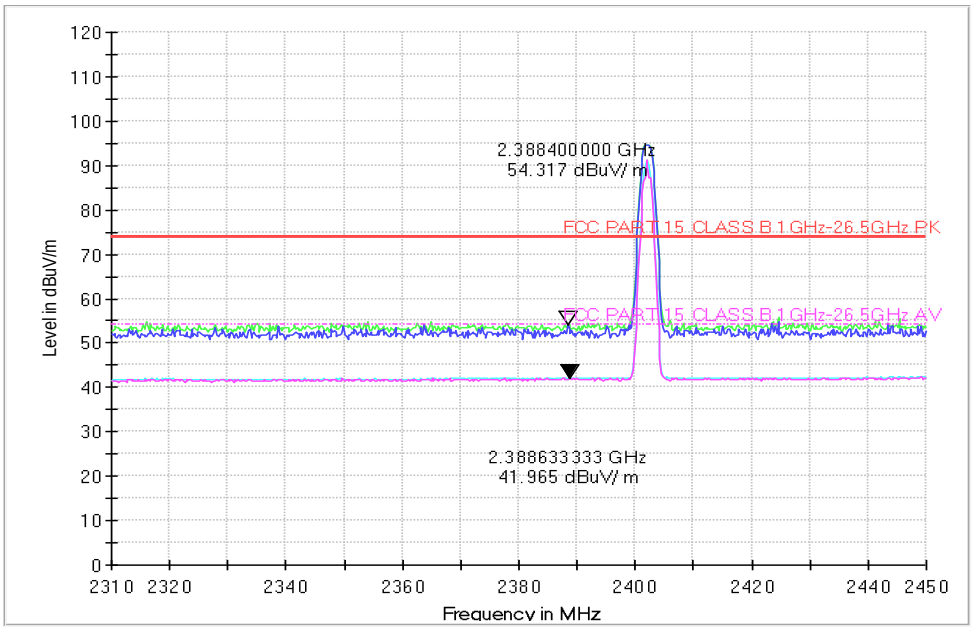
CH_2402_ Ant1（Band Edge）



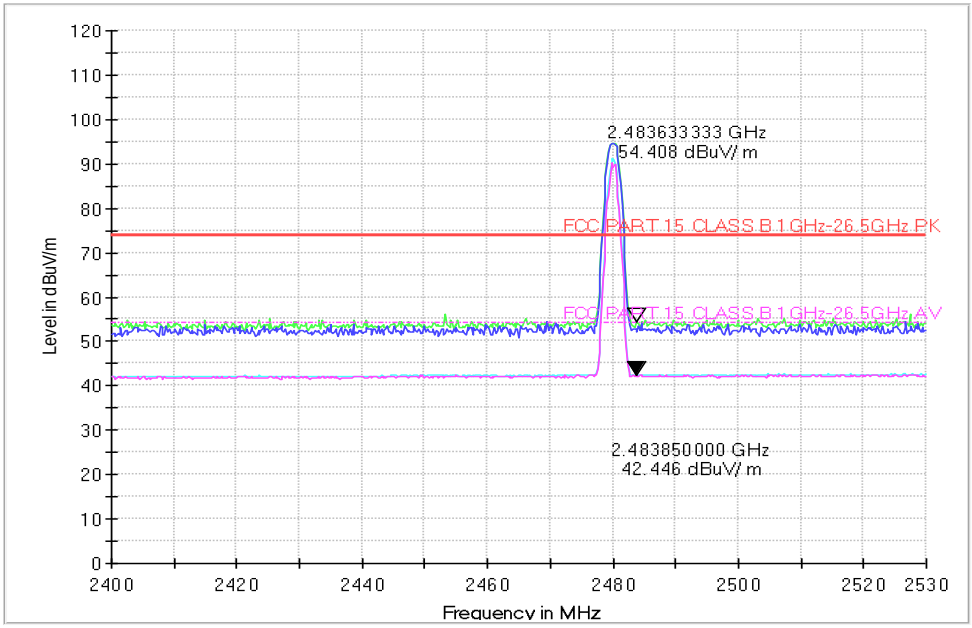
CH_2480_ Ant1（Band Edge）



CH_2402_ Ant2（Band Edge）



CH_2480_ Ant2（Band Edge）



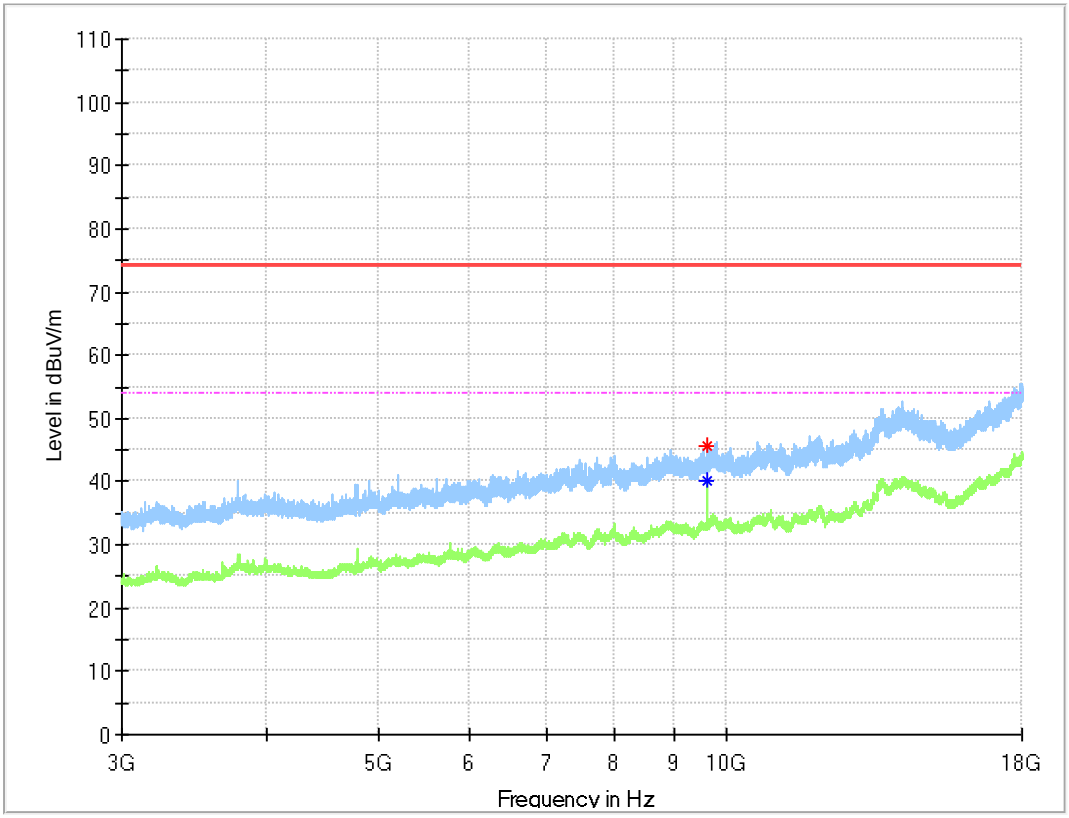
8.2.4 Part 4: Testing Range of "3 GHz to 18 GHz"

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 faraway from the EUT operating bands.

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

Worst case CH_2402_ Ant1- BLE_1M



MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
9608.00	45.78	74.00	28.22	150.0	V	115.0	3.1

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)

9608.00	40.01	54.00	13.99	150.0	V	115.0	3.1

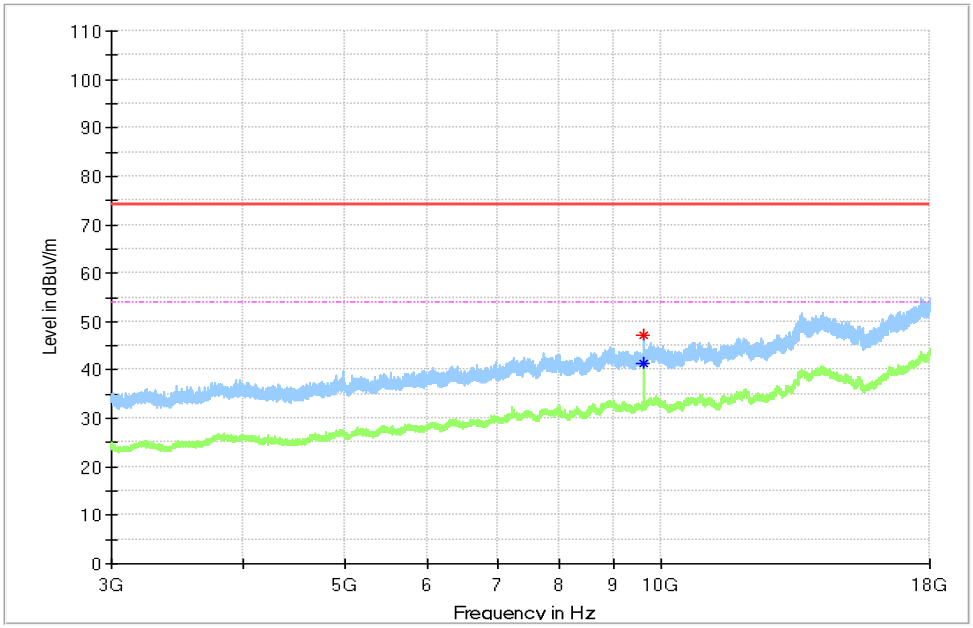
Note:

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

Worst case CH_2480_ Ant1- BLE_2M



MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
9608.00	47.19	74.00	26.81	150.0	V	135.0	3.1

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
9608.00	41.45	54.00	12.55	150.0	V	135.0	3.1

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

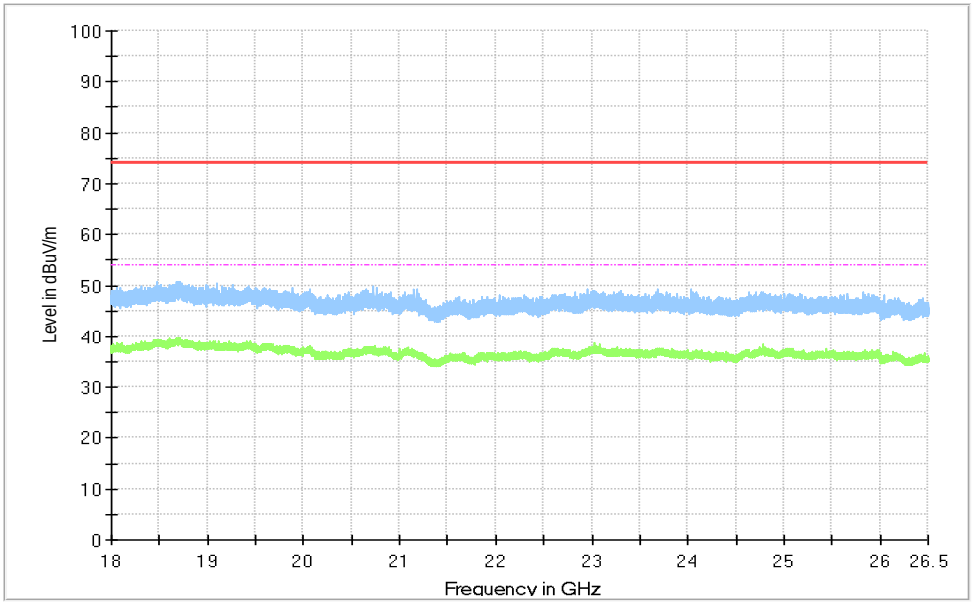
8.2.5 Part 5: Testing Range of "18 GHz to 26.5 GHz"

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.

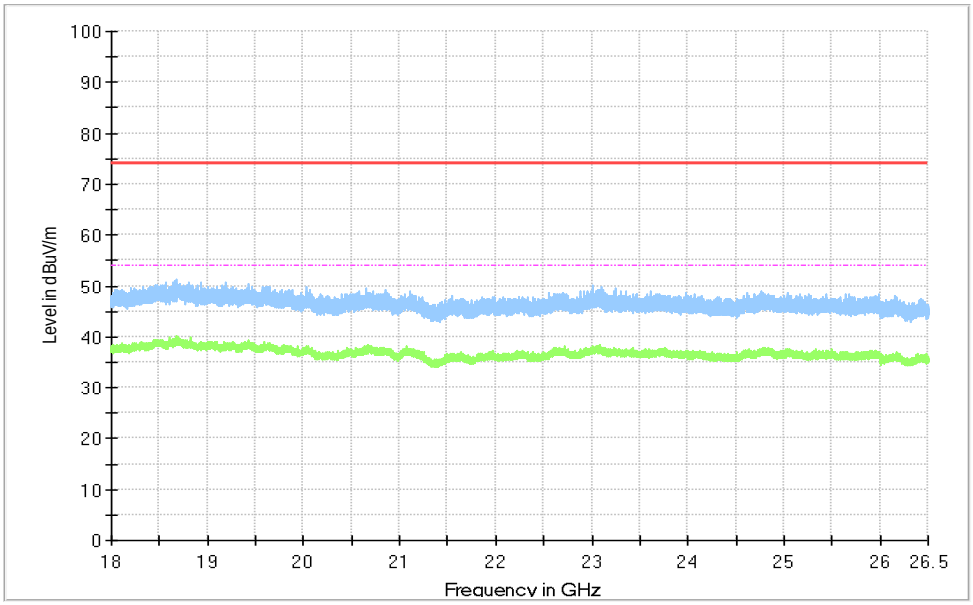
Note 2: The testing range of "18 GHz to 26.5 GHz" is for checking radiated emissions faraway from the EUT operating bands.

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

Worst case CH_2480_ Ant1- BLE_1M



Worst case CH_2480_ Ant1- BLE_2M



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.

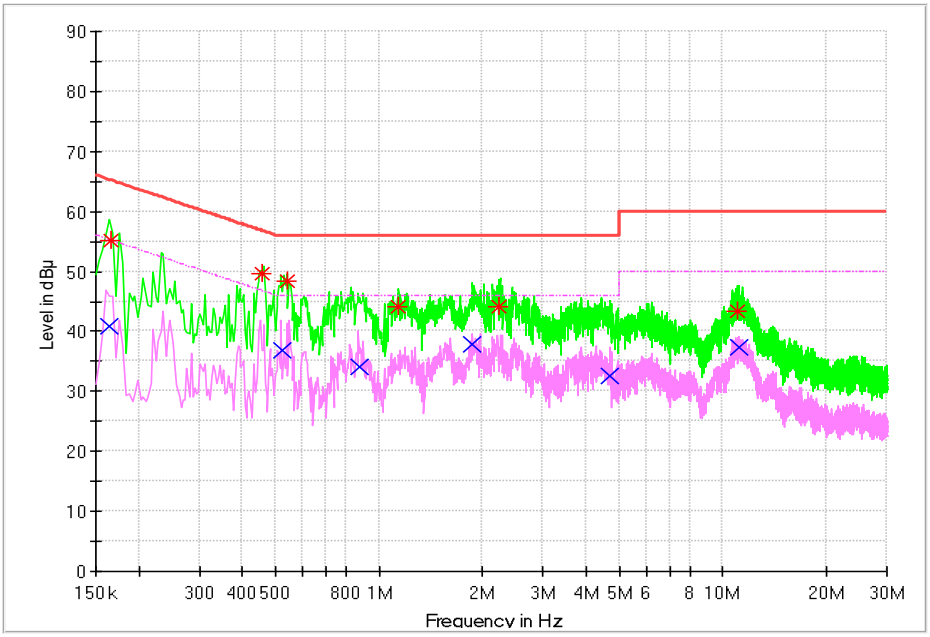
Note 2： RBW =9 kHz; VBW = 30 kHz

9.1 Test Results

Test Mode	Antenna Port	Test Channel	Maximum Emissions	Limit	Verdict
TM1_BLE_1M	Ant1	2402	(see Test Graphs)	(see Test Graphs)	PASS
TM1_BLE_2M	Ant1	2402	(see Test Graphs)	(see Test Graphs)	PASS

9.2 Test Graphs

Worst case CH_2402_ Ant1- BLE_1M



MEASUREMENT RESULT: QP Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.165958	55.19	65.16	9.6	9.97	L1	FLO
0.459212	49.66	56.71	9.7	7.05	N	FLO
0.542506	48.35	56	9.7	7.65	N	FLO
1.138722	44.23	56	9.7	11.77	N	FLO
2.243647	44.22	56	9.6	11.78	L1	FLO
10.984058	43.31	60	10.1	16.69	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.16449	40.88	55.23	9.6	14.35	N	FLO
0.523417	36.79	46	9.7	9.21	N	FLO
0.873155	34.06	46	9.7	11.94	L1	FLO
1.870482	37.80	46	9.6	8.20	L1	FLO
4.693435	32.64	46	9.7	13.36	L1	FLO
11.099908	37.37	50	10.1	12.63	N	FLO