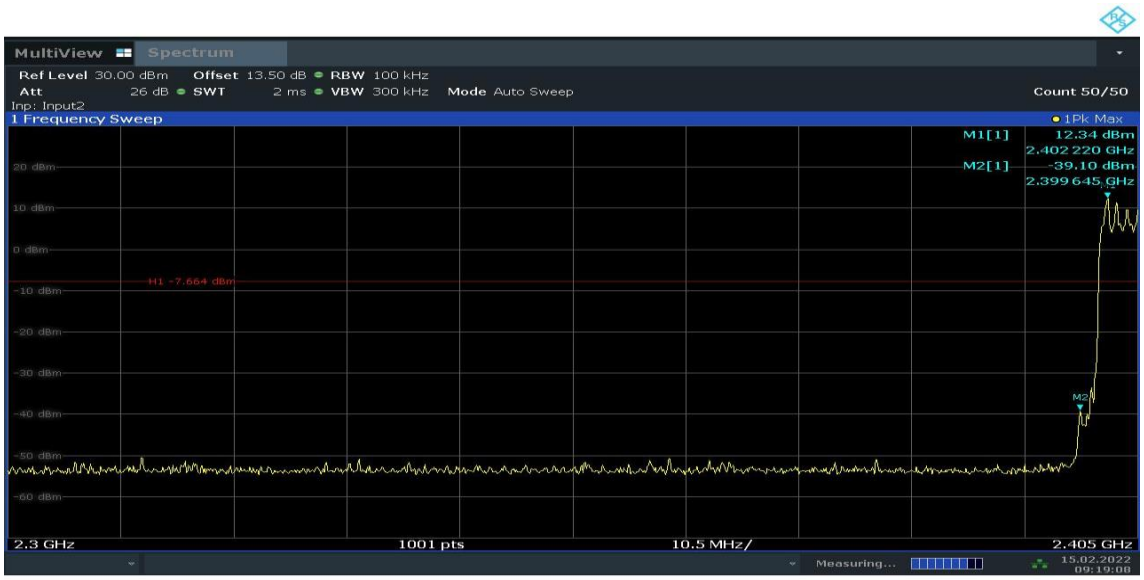
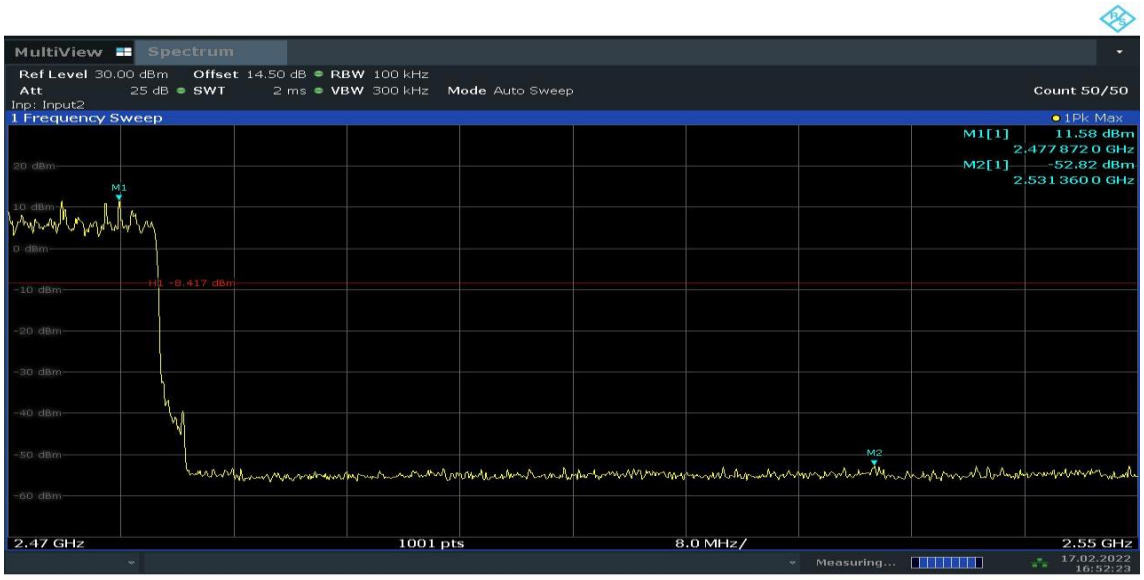
TM2_Ant1_Low_Hop_2402



09:19:09 15.02.2022

TM2_Ant1_High_Hop_2480

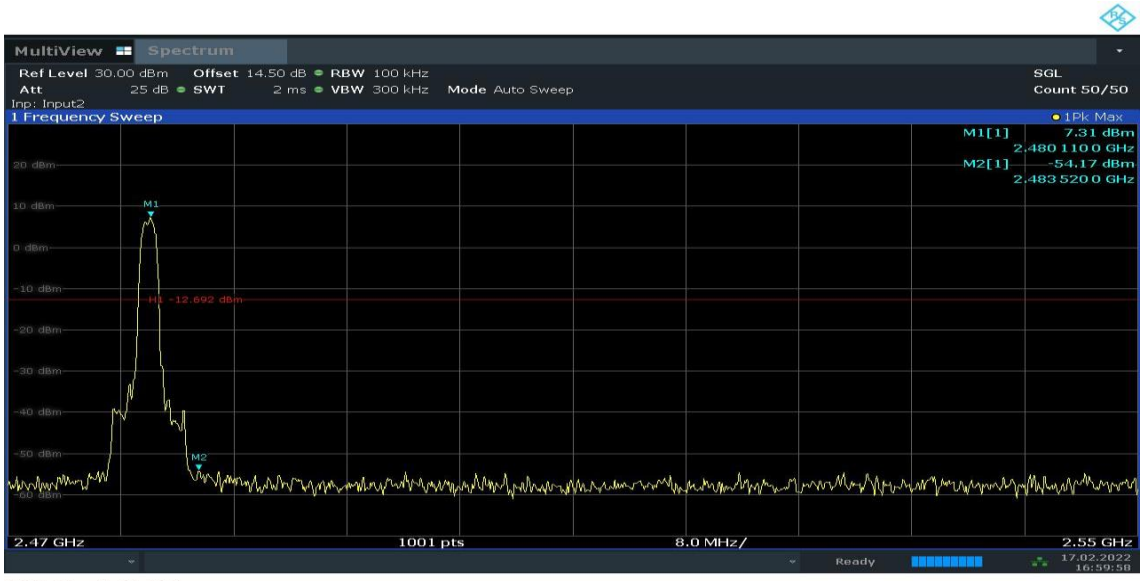


16:52:23 17.02.2022

TM3_Ant1_Low_2402

09:25:50 15.02.2022

TM3_Ant1_High_2480

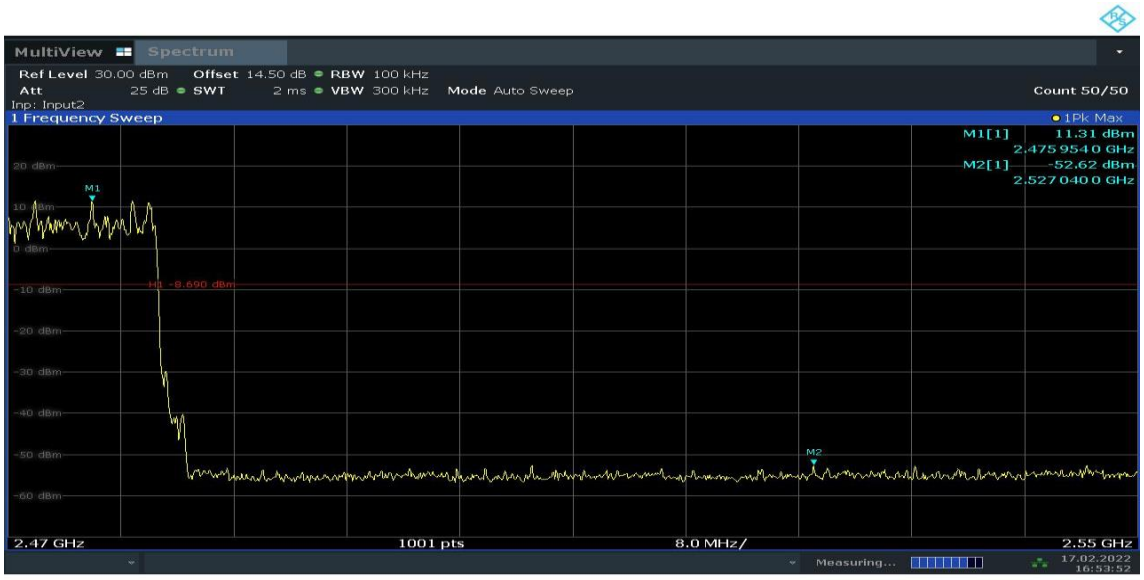


16:59:59 17.02.2022

TM3_Ant1_Low_Hop_2402

09:23:32 15.02.2022

TM3_Ant1_High_Hop_2480



16:53:52 17.02.2022

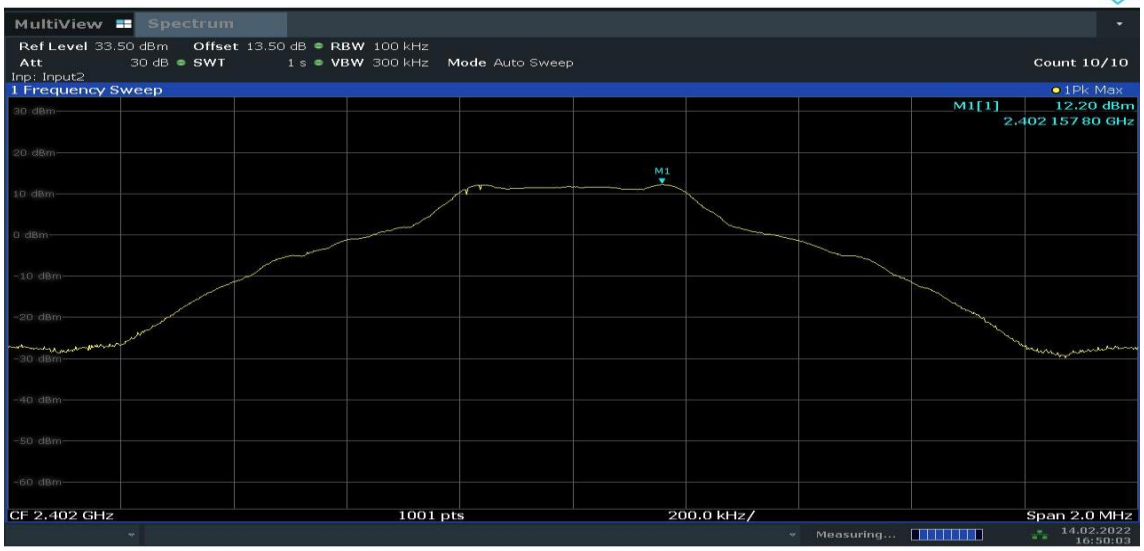
8.Appendix G: Conducted Spurious Emission

8.1Test Result

TestMode	Antenna	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
TM1	Ant1	2402	12.2	＜Limit	-17.8	PASS
		2441	11.9	＜Limit	-18.1	PASS
		2480	11.69	＜Limit	-18.31	PASS
TM2	Ant1	2402	12.22	＜Limit	-17.78	PASS
		2441	11.95	＜Limit	-18.05	PASS
		2480	11.73	＜Limit	-18.27	PASS
TM3	Ant1	2402	12.26	＜Limit	-17.74	PASS
		2441	11.96	＜Limit	-18.04	PASS
		2480	11.75	＜Limit	-18.25	PASS

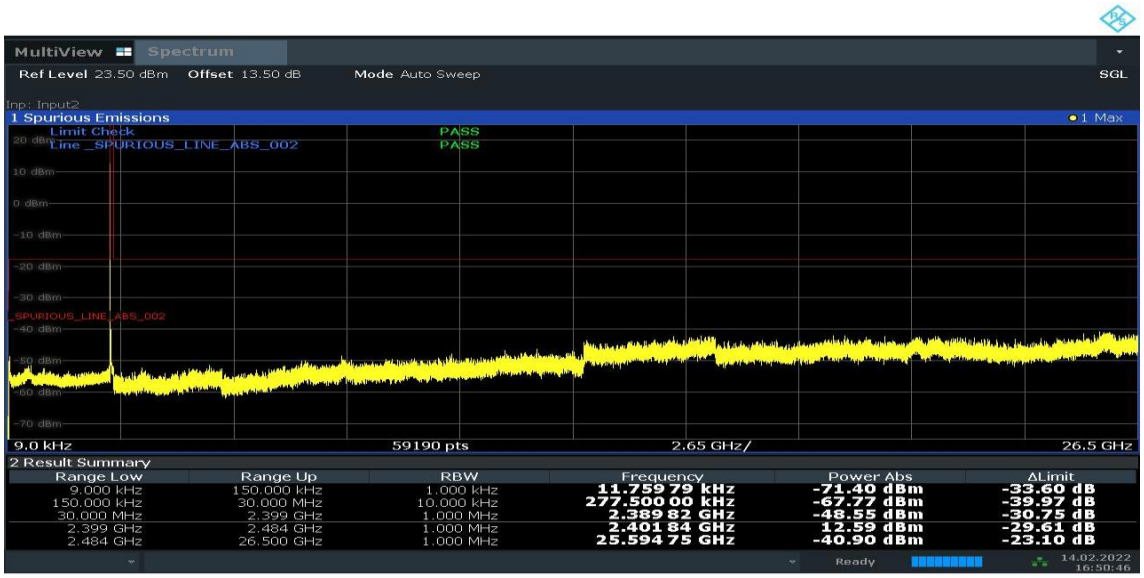
8.2 Test Graphs

TM1_Ant1_2402_0~Reference



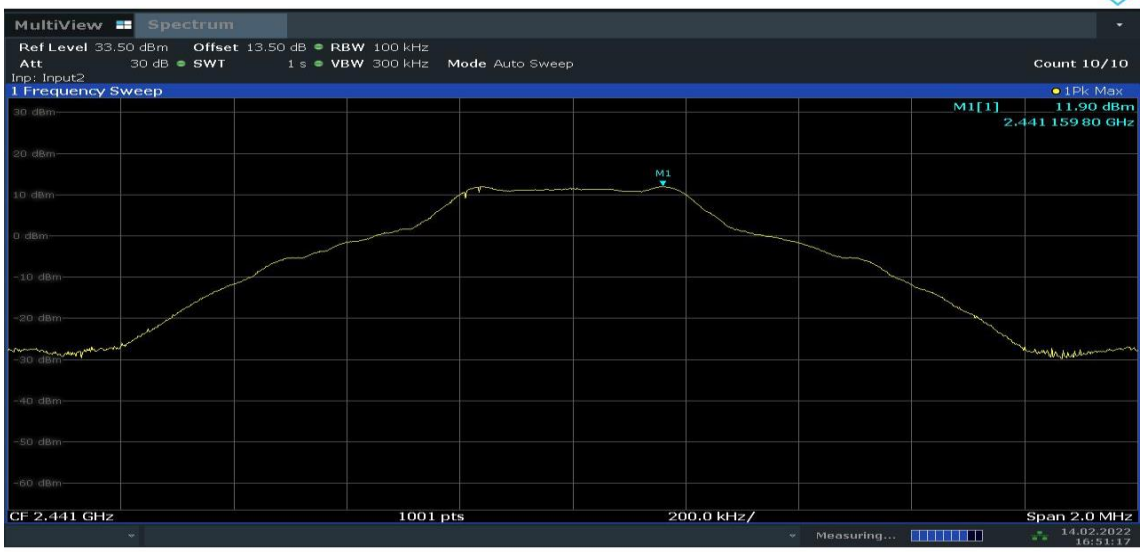
16:50:04 14.02.2022

TM1_Ant1_2402_0.009~26500



16:50:46 14.02.2022

TM1_Ant1_2441_0~Reference

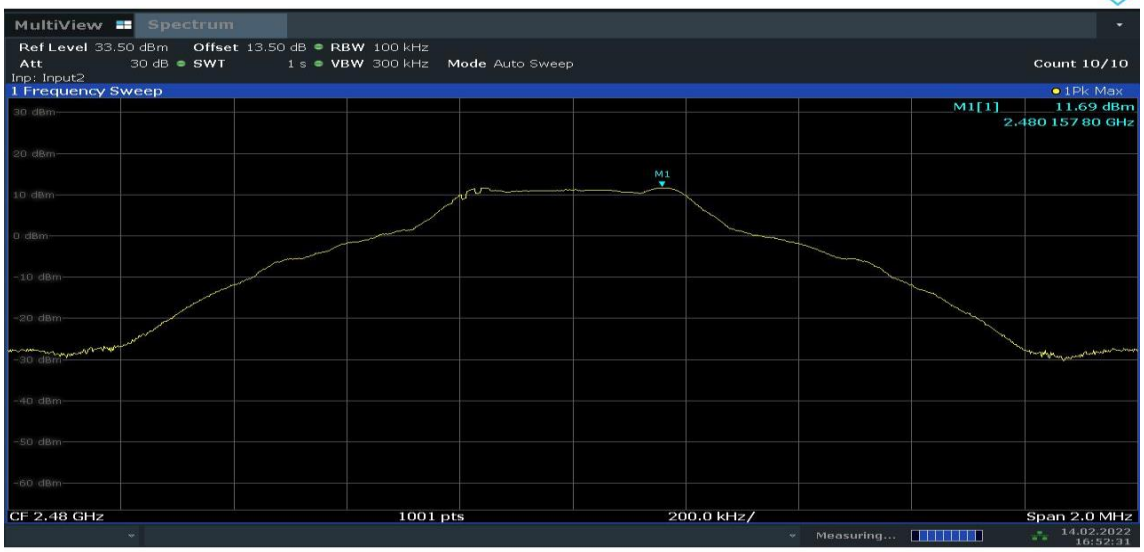


16:51:17 14.02.2022

TM1_Ant1_2441_0.009~26500

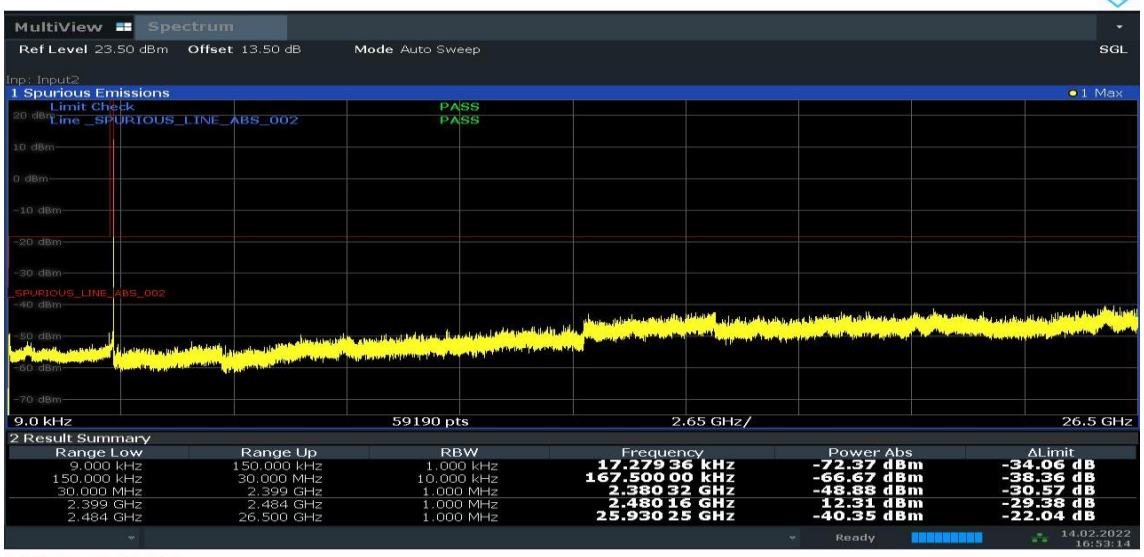
16:52:00 14.02.2022

TM1_Ant1_2480_0~Reference



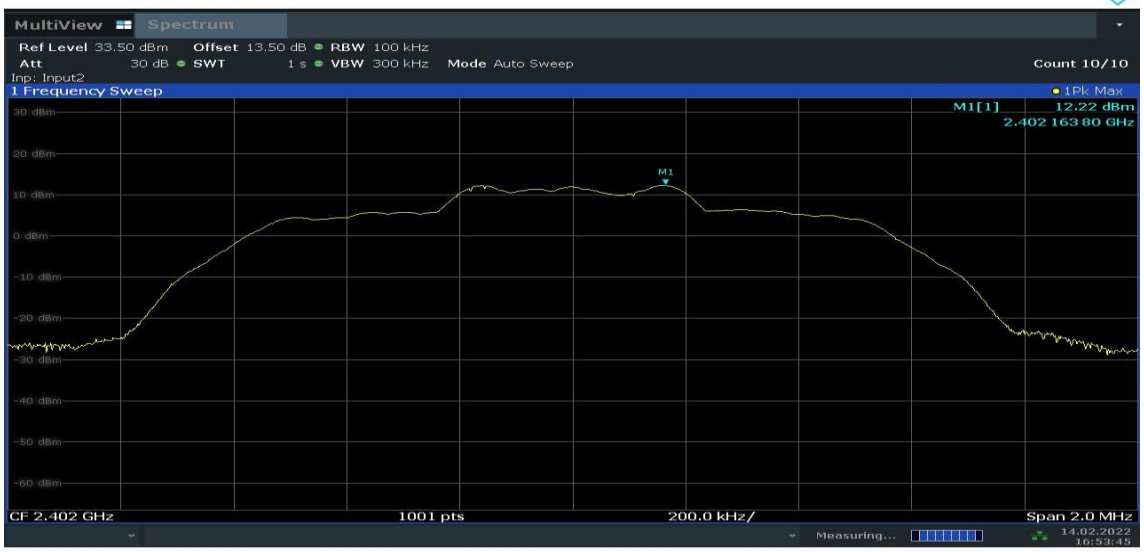
16:52:31 14.02.2022

TM1_Ant1_2480_0.009~26500



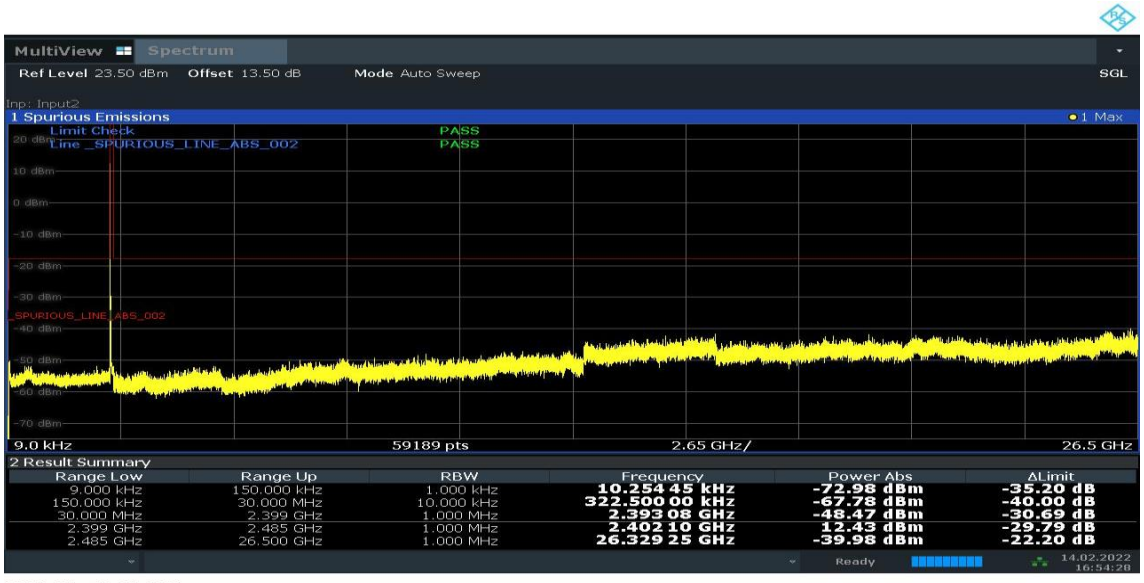
16:53:14 14.02.2022

TM2_Ant1_2402_0~Reference



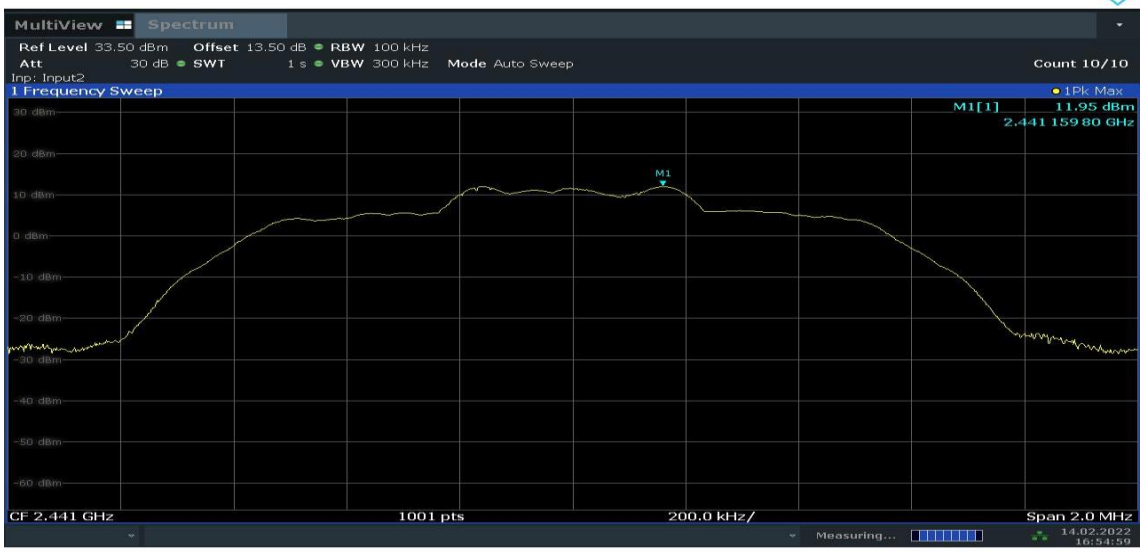
16:53:46 14.02.2022

TM2_Ant1_2402_0.009~26500



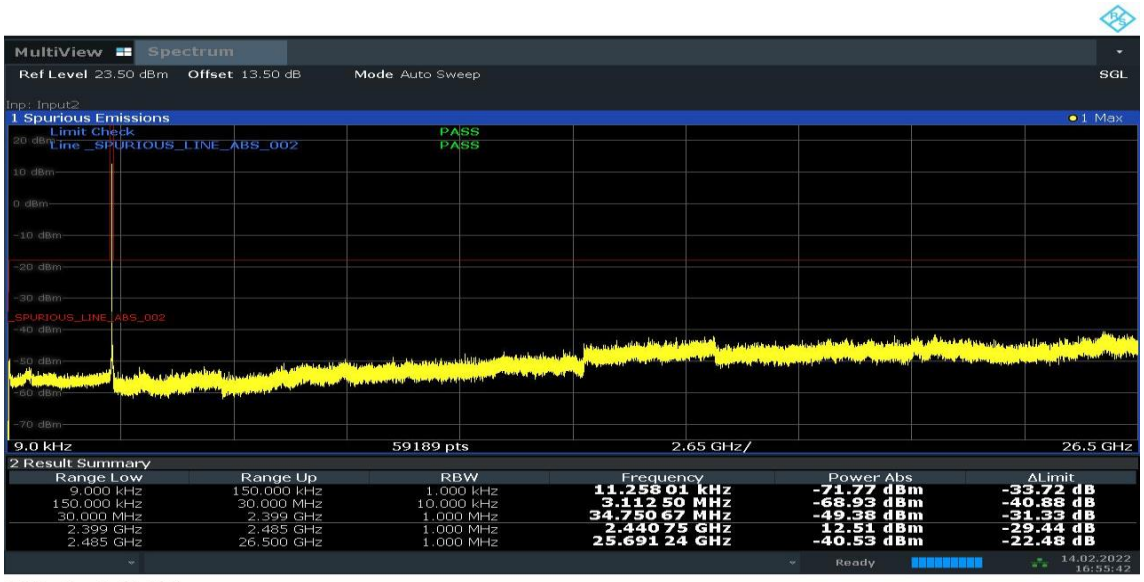
16:54:28 14.02.2022

TM2_Ant1_2441_0~Reference



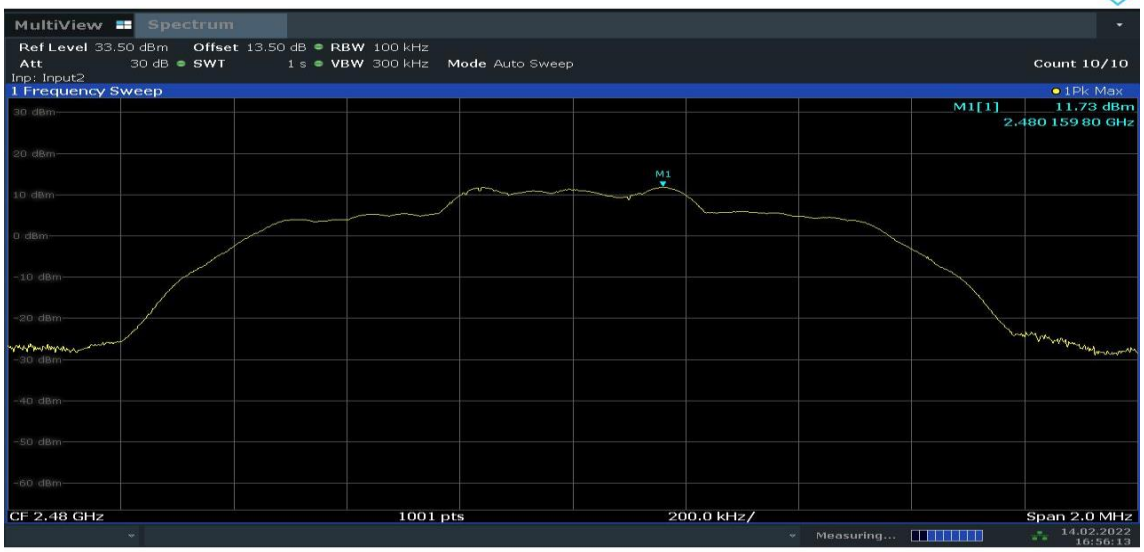
16:54:59 14.02.2022

TM2_Ant1_2441_0.009~26500



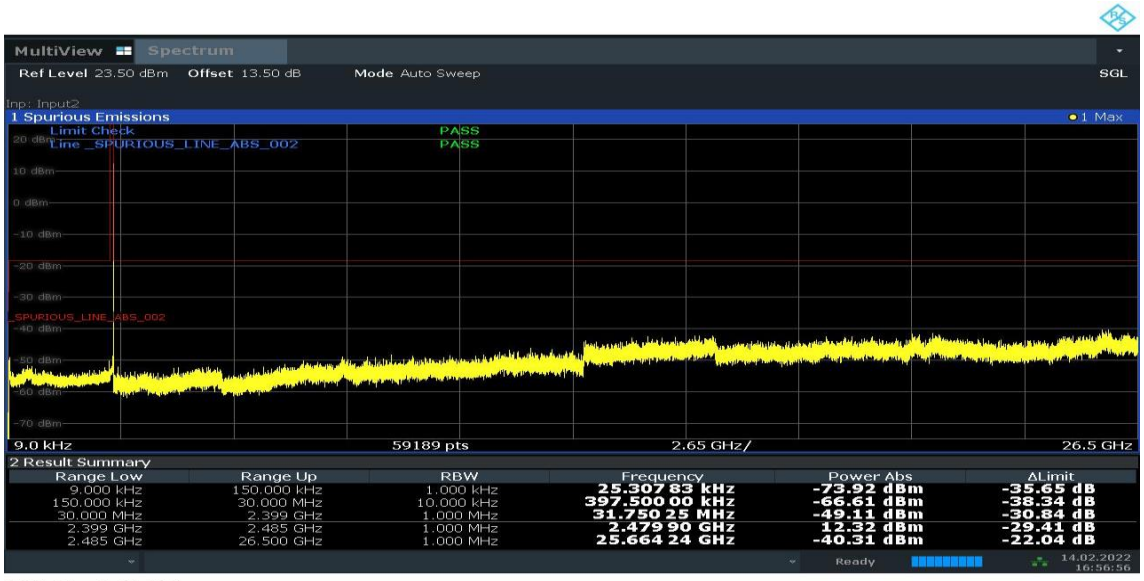
16:55:42 14.02.2022

TM2_Ant1_2480_0~Reference



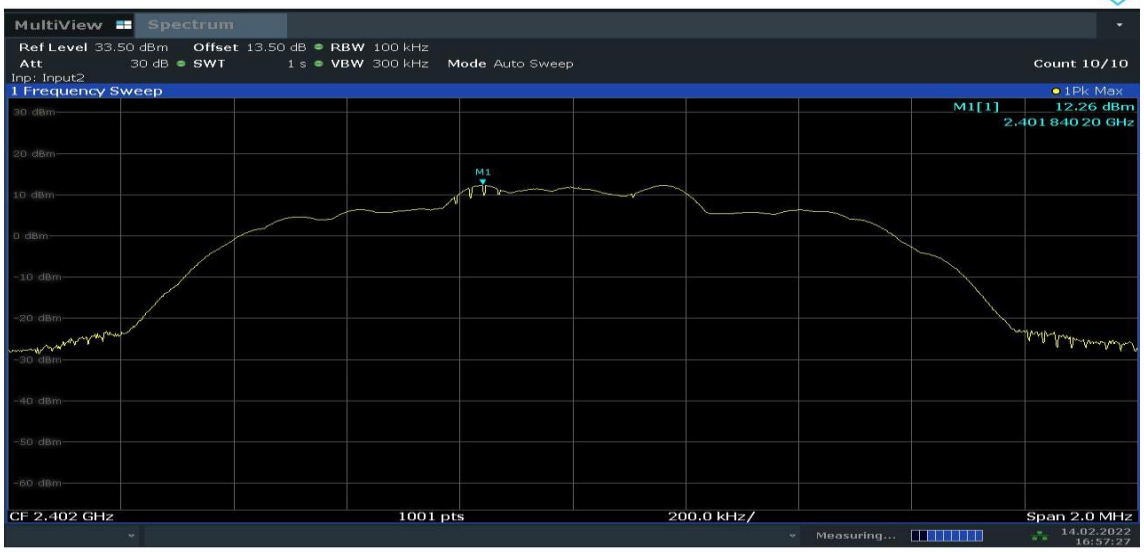
16:56:13 14.02.2022

TM2_Ant1_2480_0.009~26500



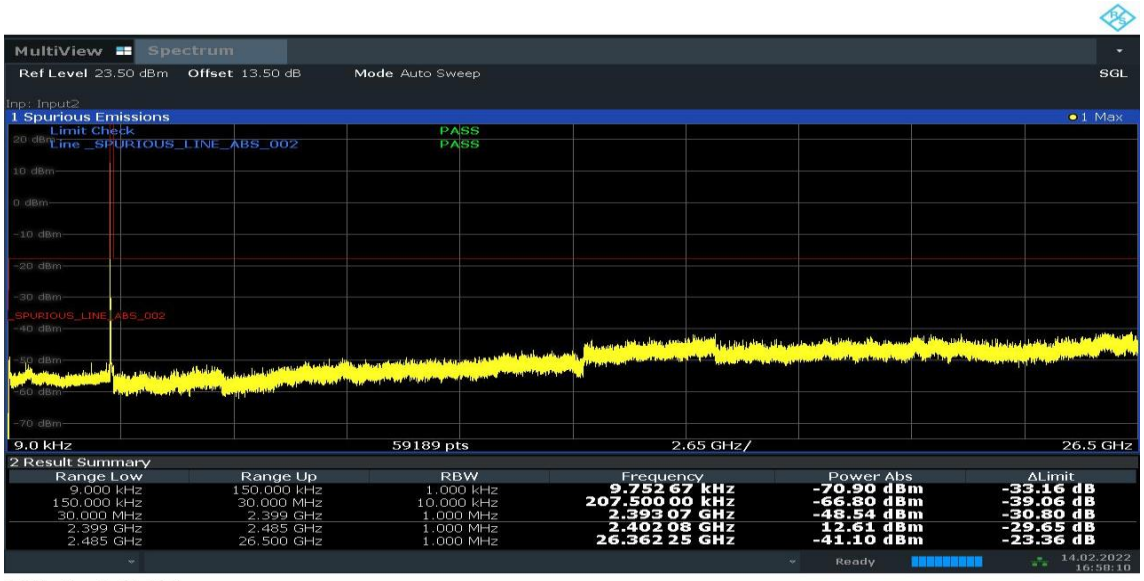
16:56:56 14.02.2022

TM3_Ant1_2402_0~Reference



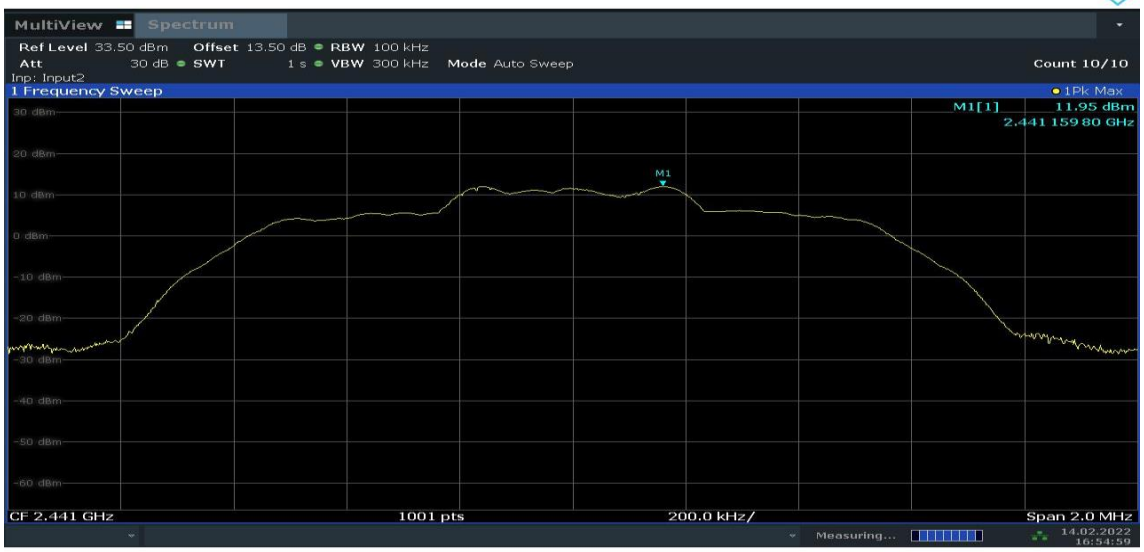
16:57:27 14.02.2022

TM3_Ant1_2402_0.009~26500



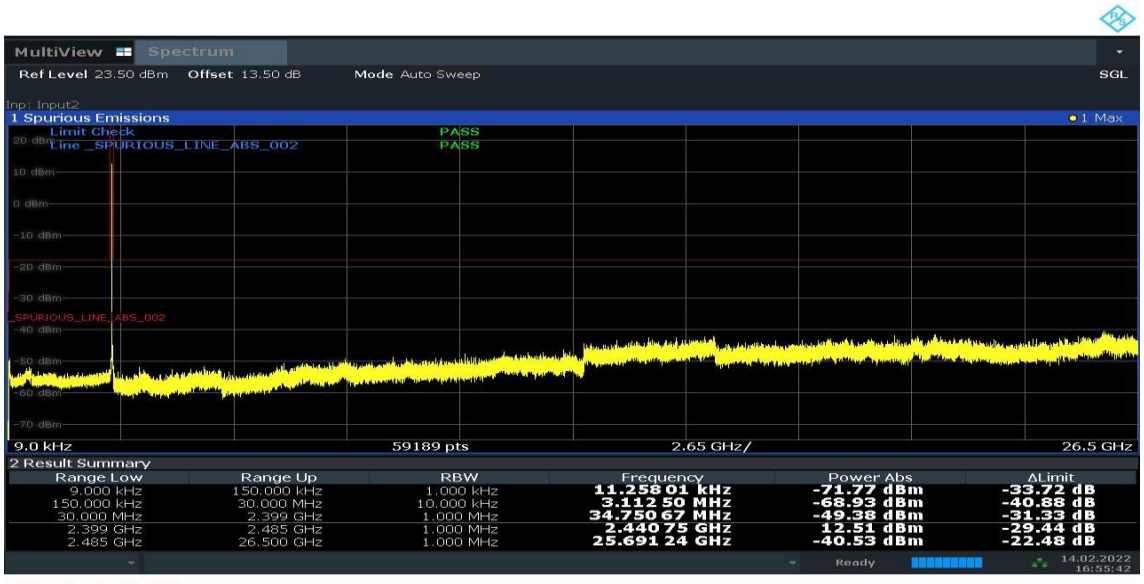
16:58:10 14.02.2022

TM3_Ant1_2441_0~Reference



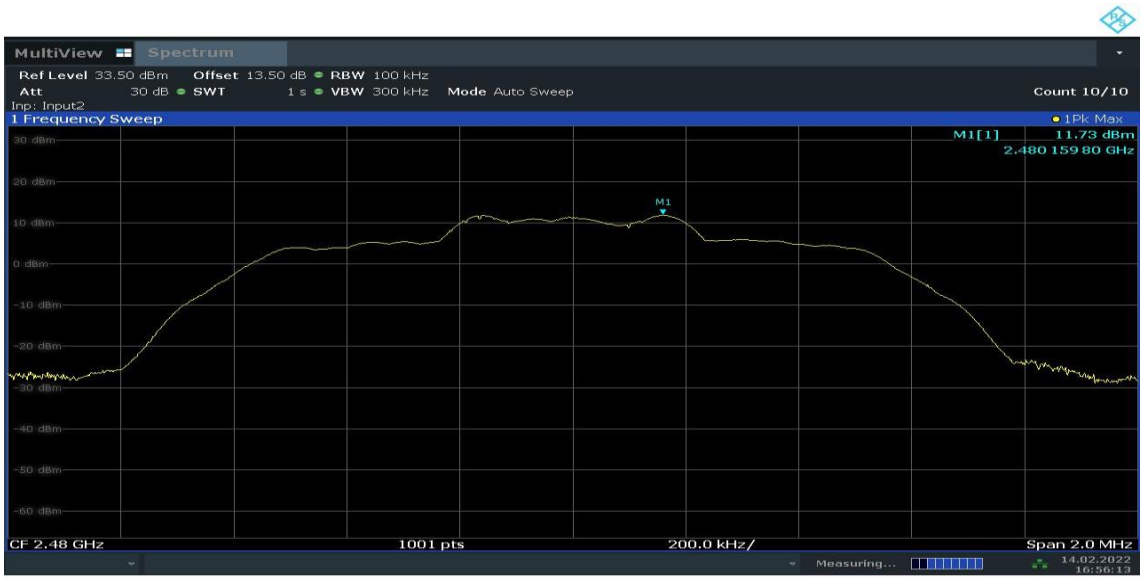
16:54:59 14.02.2022

TM3_Ant1_2441_0.009~26500



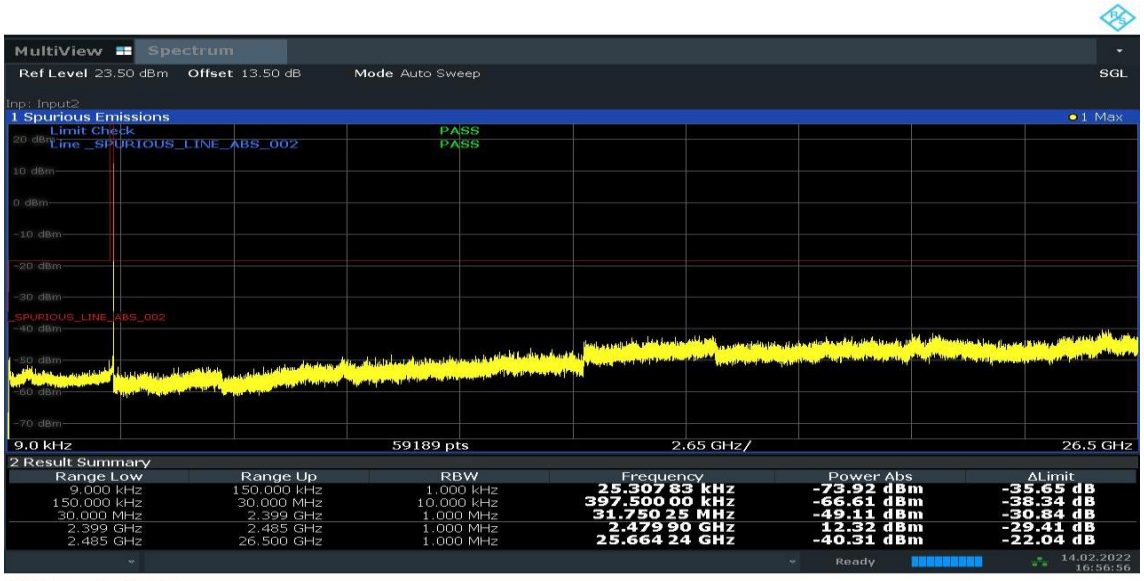
16:55:42 14.02.2022

TM3_Ant1_2480_0~Reference



16:56:13 14.02.2022

TM3_Ant1_2480_0.009~26500



16:56:56 14.02.2022

9. Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note:

1. We tested all modes & antennas, the data presented below is the worst case.
2. The simultaneous transmission has been considered

3. The whole testing range is from “9 KHz to 26.5 GHz (10th harmonics)” is divided into 5 parts according to the test site settings, which are:

- (Part 1): Test range of “9 KHz to 30 MHz”, RBW =9 kHz, VBW = 30 kHz
- (Part 2): Test range of “30 GHz to 1 GHz”, RBW = 100 kHz, VBW = 300 kHz.
- (Part 3): Test range of “1 GHz to 3 GHz”. RBW = 1 MHz, VBW = 3 MHz.
- (Part 4): Test range of “3 GHz to 18 GHz”, RBW = 1 MHz, VBW = 3 MHz.
- (Part 5): Test range of “18 GHz to 26.5 GHz”. RBW = 1 MHz, VBW = 3 MHz.

9.1. Test Results

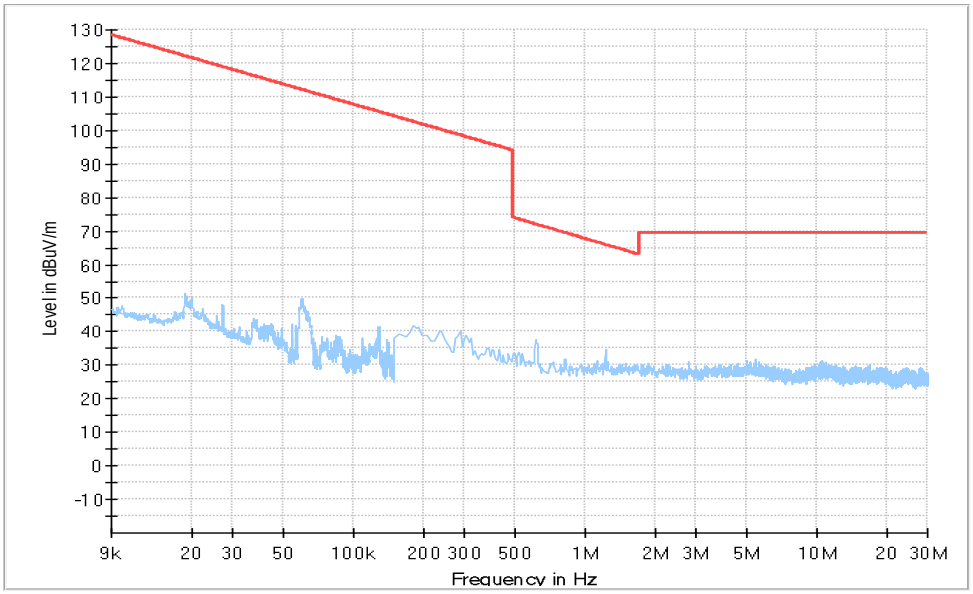
Test Mode	Antenna	Test Channel	Spurious Emissions Result	Spurious Emissions Limit	Verdict
BT2.0	Ant1	2402	(see Test Graphs)	(see Test Graphs)	PASS
	Ant1	2480	(see Test Graphs)	(see Test Graphs)	PASS

9.2. Test Graphs

9.2.1. Part 1: Testing Range of “9 kHz to 30MHz”

Note 1: The test results and plot for testing range of “9 kHz to 30MHz” 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.

Worst case- BT2.0 CH_2402

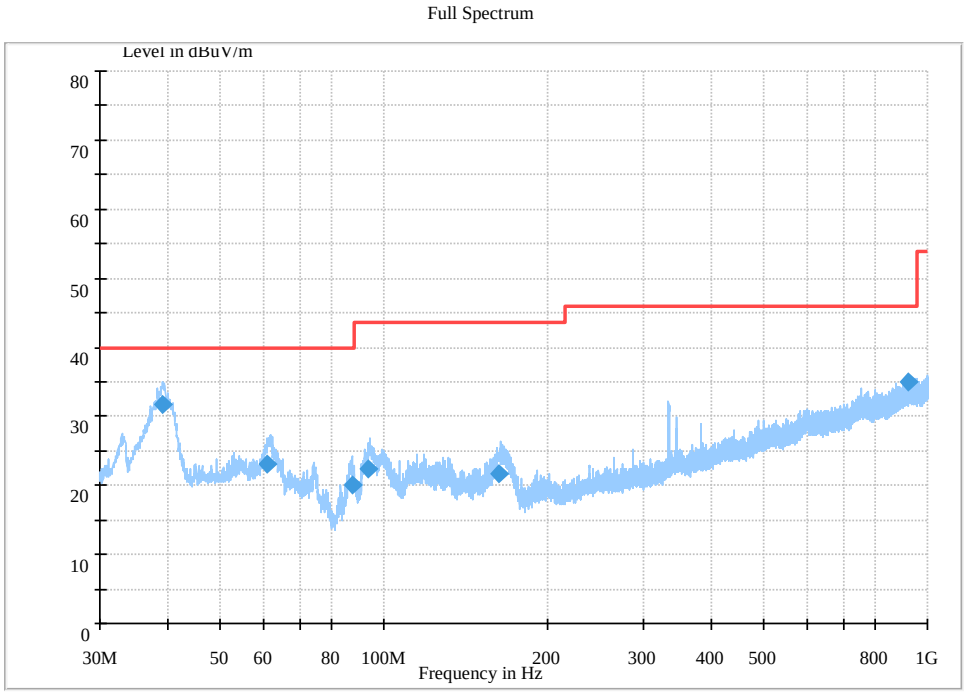


9.2.2. Part 2: Testing Range of "30 MHz to 1 GHz"

Note 1: The test results and plot for testing range of "30 MHz to 1 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 emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).

Worst case- BT2.0 CH_2402



EASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
39.227300	31.83	19.0	40.00	8.17	100.0	45.0	V
61.151980	23.02	19.0	40.00	16.98	100.0	211.0	V
87.249060	19.95	15.6	40.00	20.05	100.0	352.0	V
93.476800	22.50	17.5	43.50	21.00	112.0	220.0	V
162.695260	21.69	15.5	43.50	21.81	112.0	287.0	V
924.246700	35.02	31.0	46.00	10.98	343.0	289.0	H

9.2.3. Part 3: Testing Range of “1 GHz to 3 GHz”

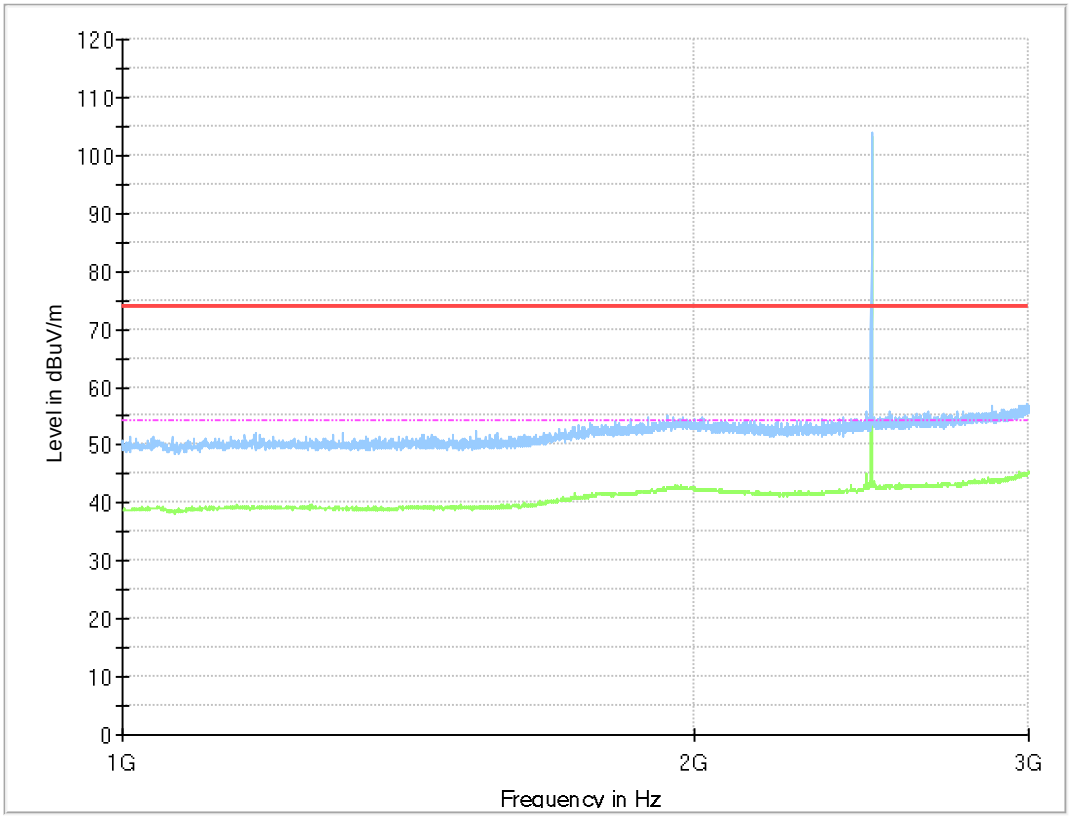
Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions near the EUT operating bands. The test results and plot for testing range of “1 GHz to 3 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).

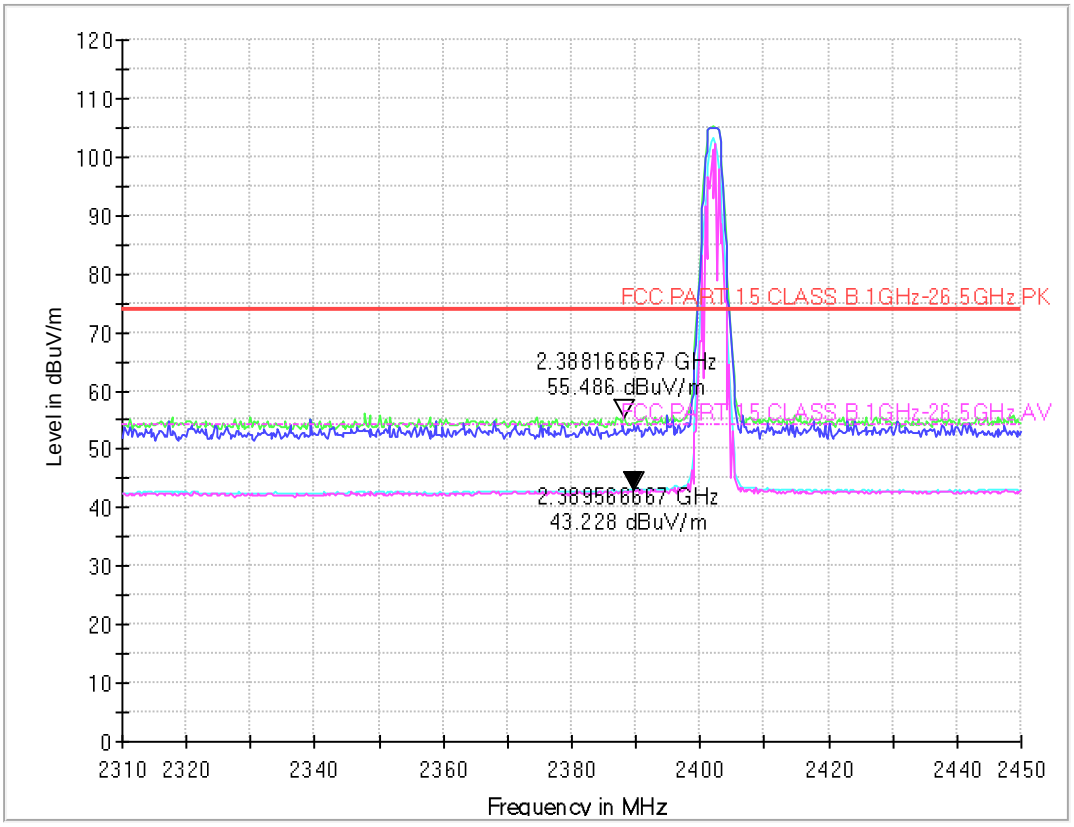
Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

9.2.3.1. BT 2.0

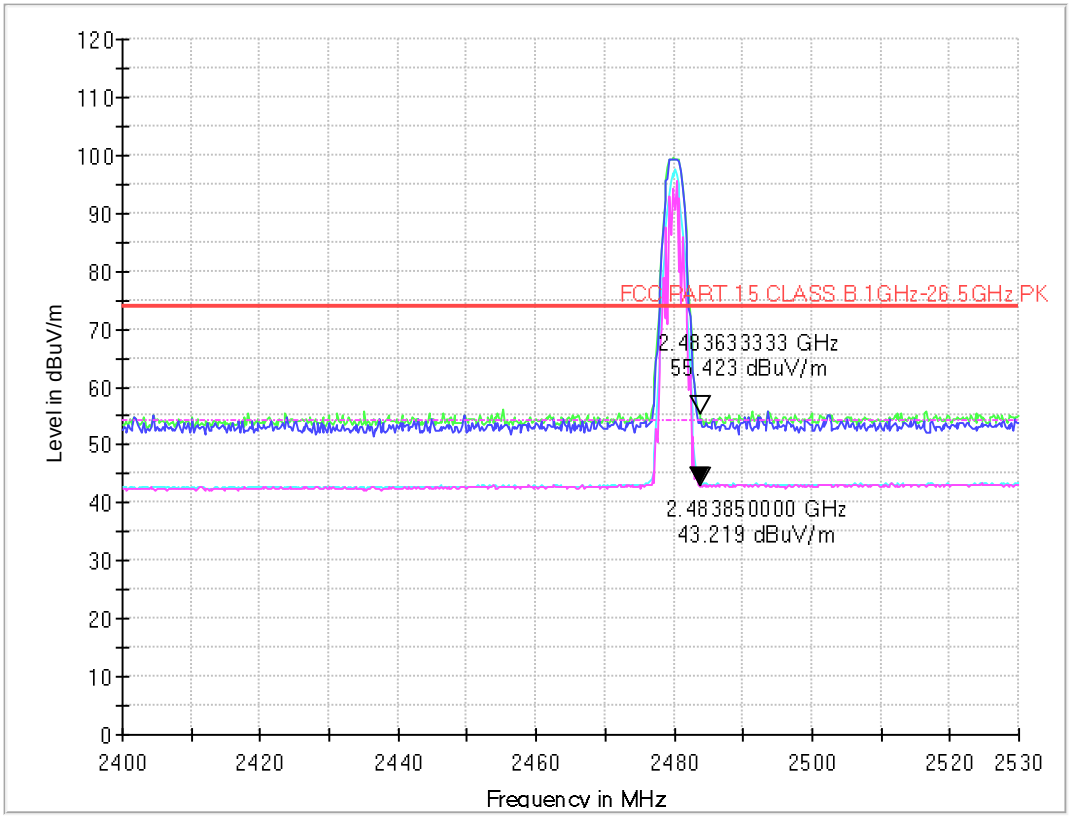
Worst case CH_2480 (1 GHz to 3 GHz)



CH_2402_ Ant1（Band Edge）



CH_2480_ Ant1（Band Edge）

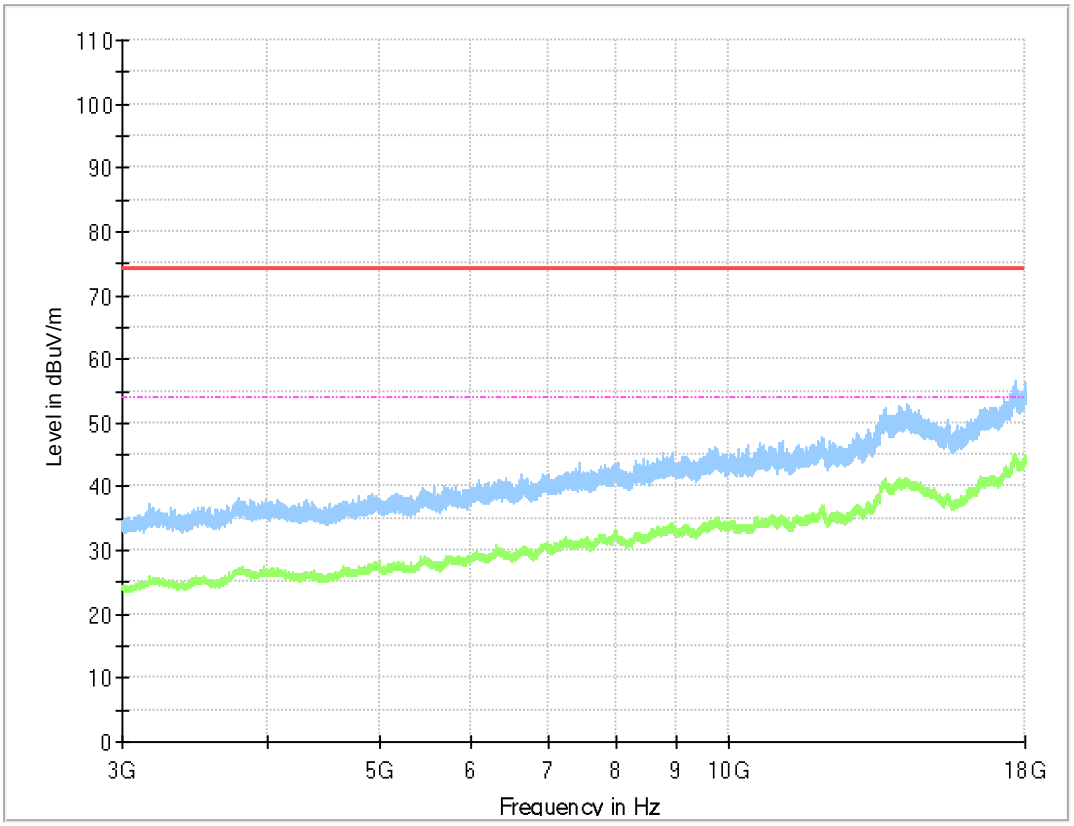


9.2.4. Part 4: Testing Range of “3 GHz to 18 GHz”

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- BT2.0


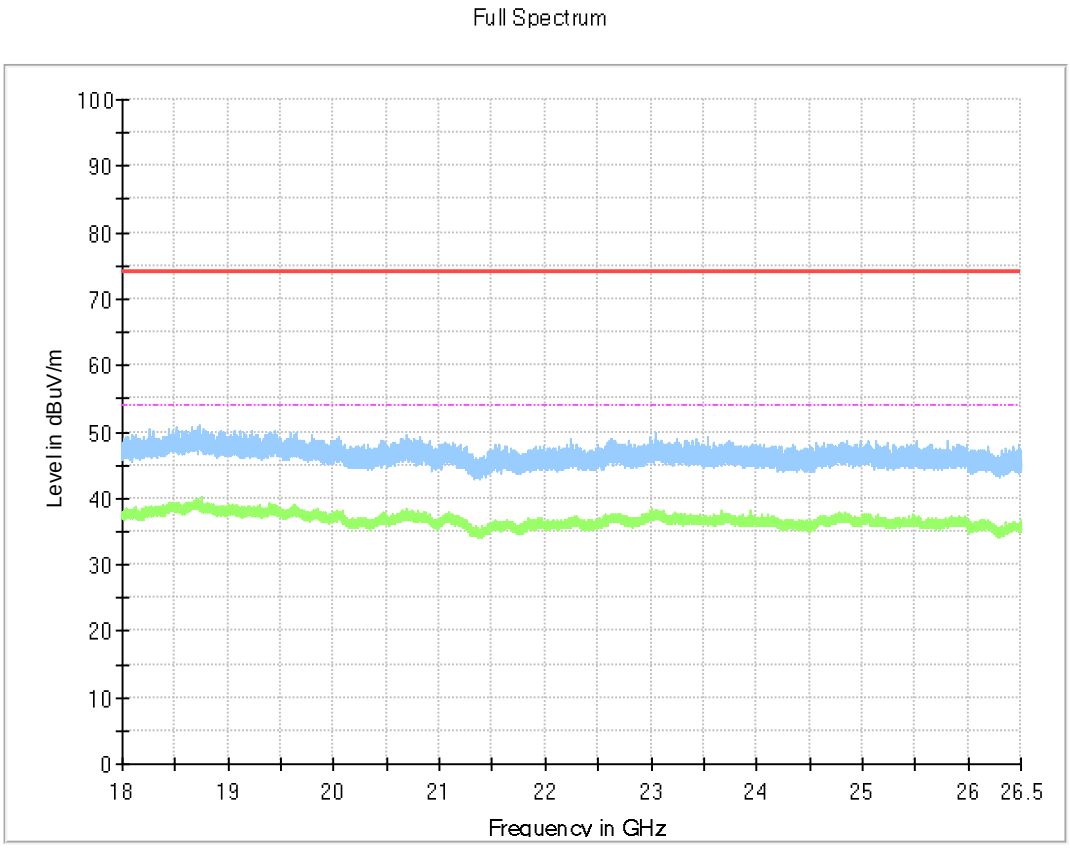
9.2.5. Part 5: Testing Range of “18 GHz to 26.5 GHz”

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- BT2.0



10. Appendix I: Conducted Emission at Power Port

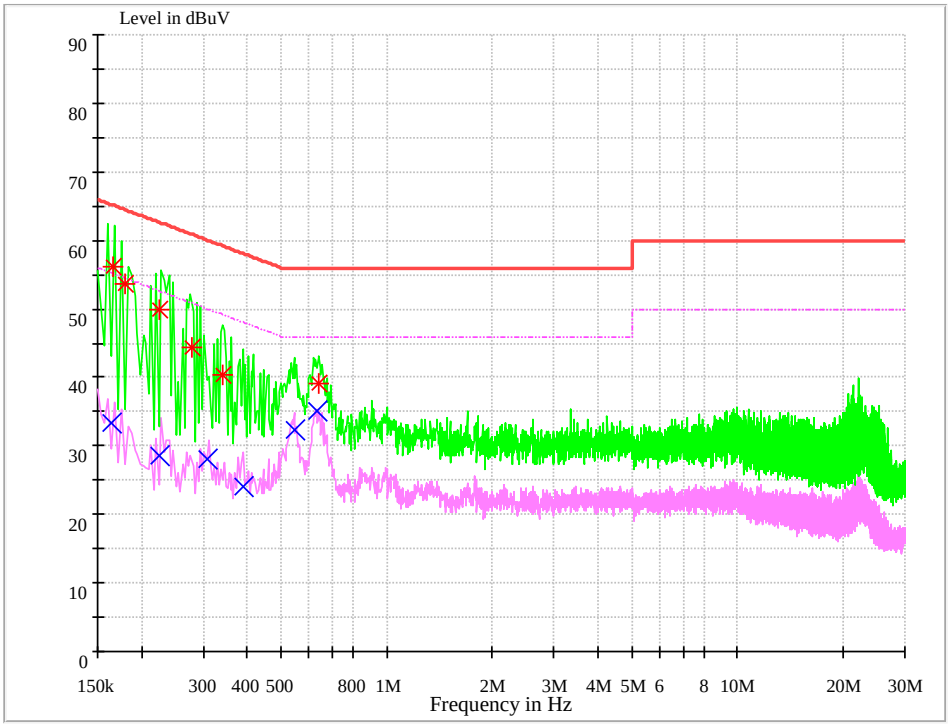
Note 1: The test results and plot for testing range of “150 kHz to 30 MHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
Note 2： RBW =9 kHz; VBW = 30 kHz

10.1. Test Results

Test Mode	Antenna	Test Channel	Maximum Emissions	Limit	Verdict
BT2.0	Ant1	2480	(see Test Graphs)	(see Test Graphs)	**PASS**

10.2. Test Graphs

Worst case CH_2480_ Ant1- BT2.0



MEASUREMENT RESULT: QP Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.165314	56.11	65.19	9.6	9.08	L1	FLO
0.179155	53.59	64.53	9.6	10.94	L1	FLO
0.224217	49.89	62.66	9.6	12.77	L1	FLO
0.27946	44.45	60.83	9.6	16.38	L1	FLO
0.339951	40.45	59.2	9.7	18.75	N	FLO
0.638385	39.09	56	9.6	16.91	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.164247	33.4	55.25	9.6	21.85	L1	FLO
0.224548	28.63	52.65	9.6	24.02	L1	FLO
0.308259	28.2	50.02	9.6	21.82	L1	FLO
0.388354	24.05	48.1	9.7	24.05	N	FLO
0.547278	32.29	46	9.6	13.71	L1	FLO

0.631982	35.03	46	9.6	10.97	L1	FLO

Note:

1, Level = Reading level+ Transd (cable loss + correction factor)

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

2, Margin=Limit - Level

END