

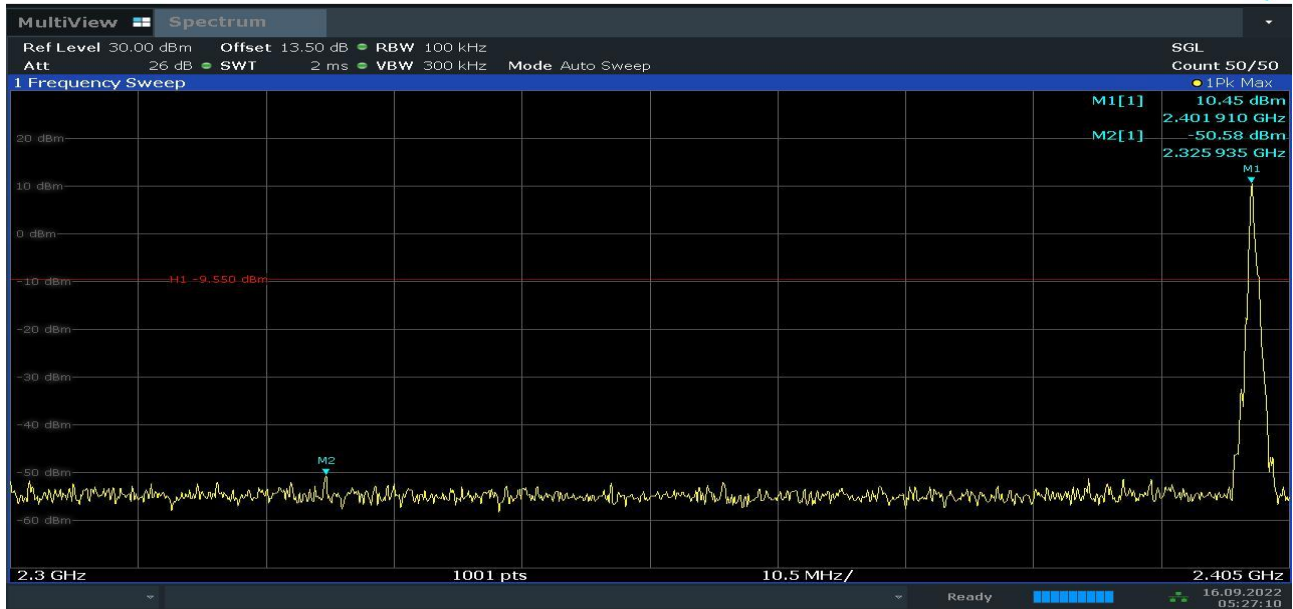
## 7. Appendix F: Band edge measurements

### 7.1 Test Result

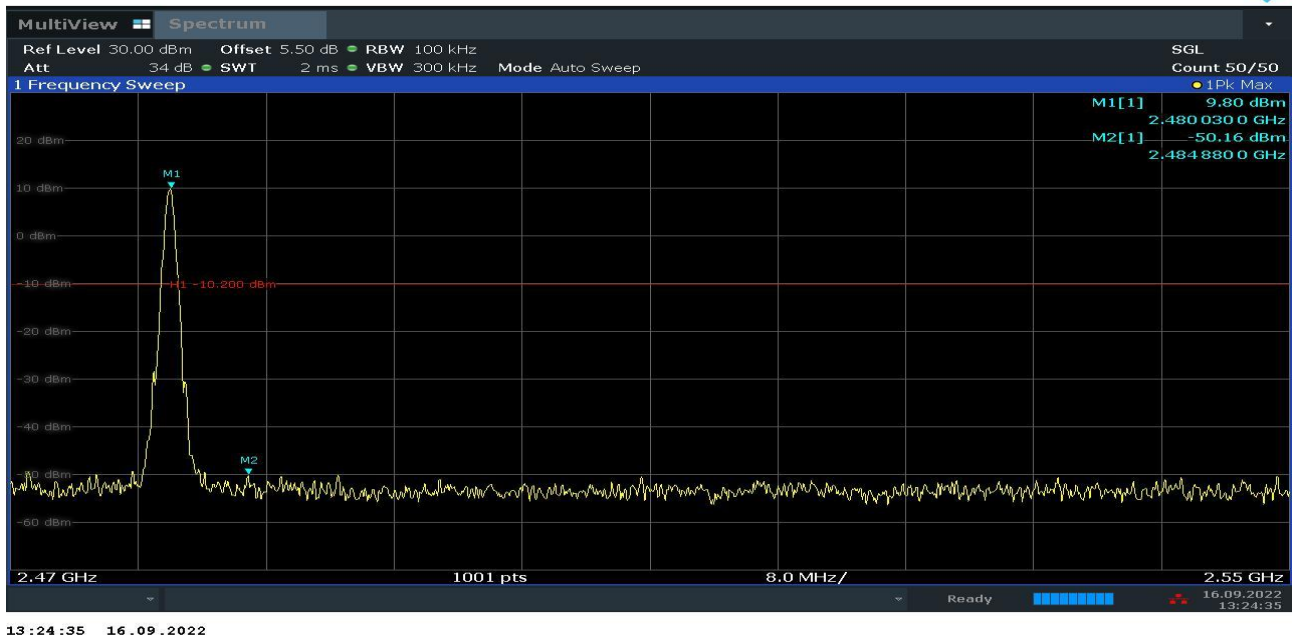
TestMode	Antenna	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
TM1	Ant1	2402	10.45	-50.582	-9.55	PASS
		2480	9.8	-50.163	-10.2	PASS
		Hop_2402	8.77	-42.111	-11.23	PASS
		Hop_2480	9.54	-47.882	-10.46	PASS
TM2	Ant1	2402	6.36	-42.4	-13.64	PASS
		2480	7.89	-49.533	-12.11	PASS
		Hop_2402	7.06	-38.901	-12.94	PASS
		Hop_2480	8.45	-48.521	-11.55	PASS
TM3	Ant1	2402	5.38	-44.422	-14.62	PASS
		2480	5.53	-50.285	-14.47	PASS
		Hop_2402	7.31	-34.93	-12.69	PASS
		Hop_2480	8.62	-48.569	-11.38	PASS

## 7.2 Test Graphs

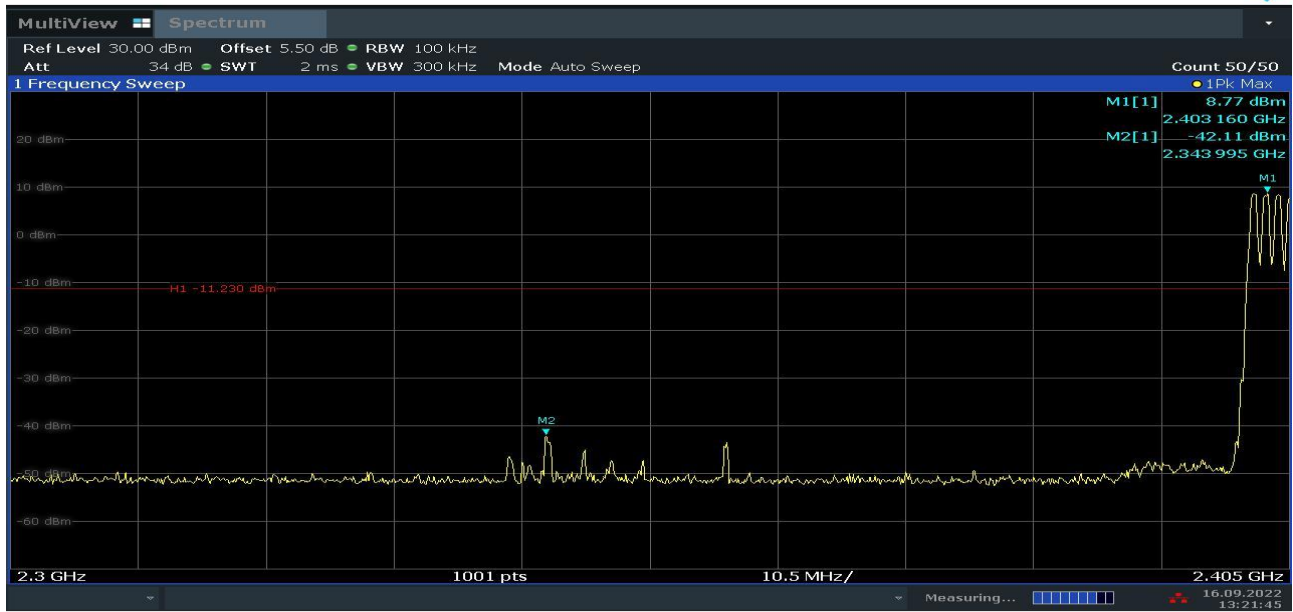
TM1\_Ant1\_Low\_2402



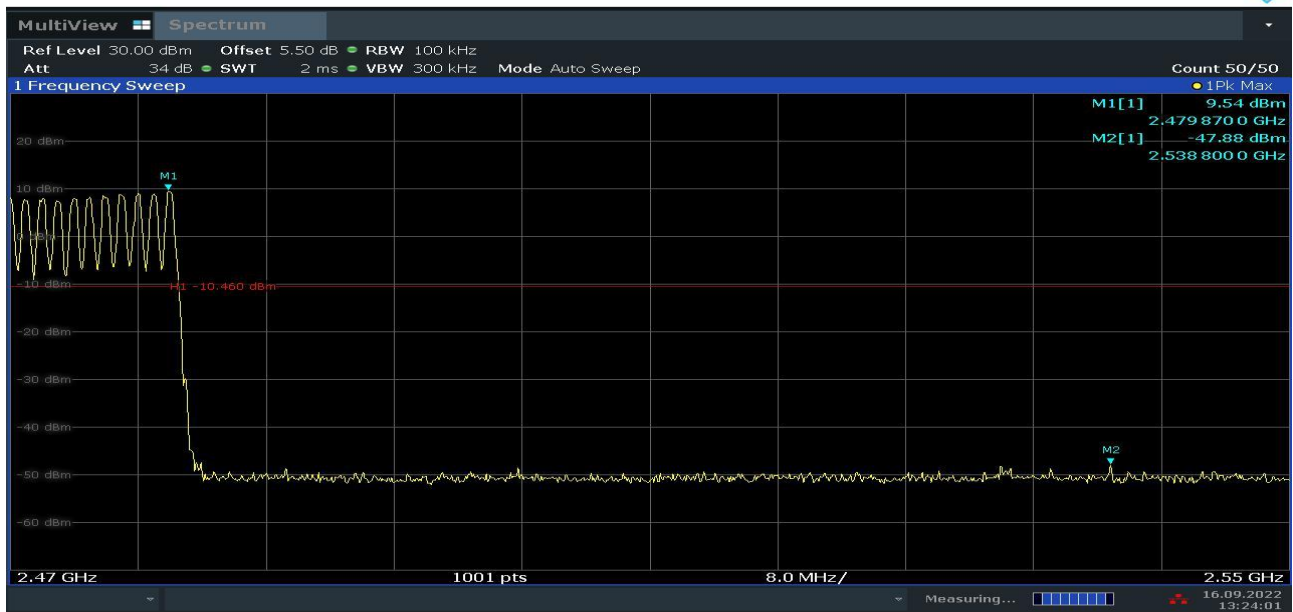
TM1\_Ant1\_High\_2480



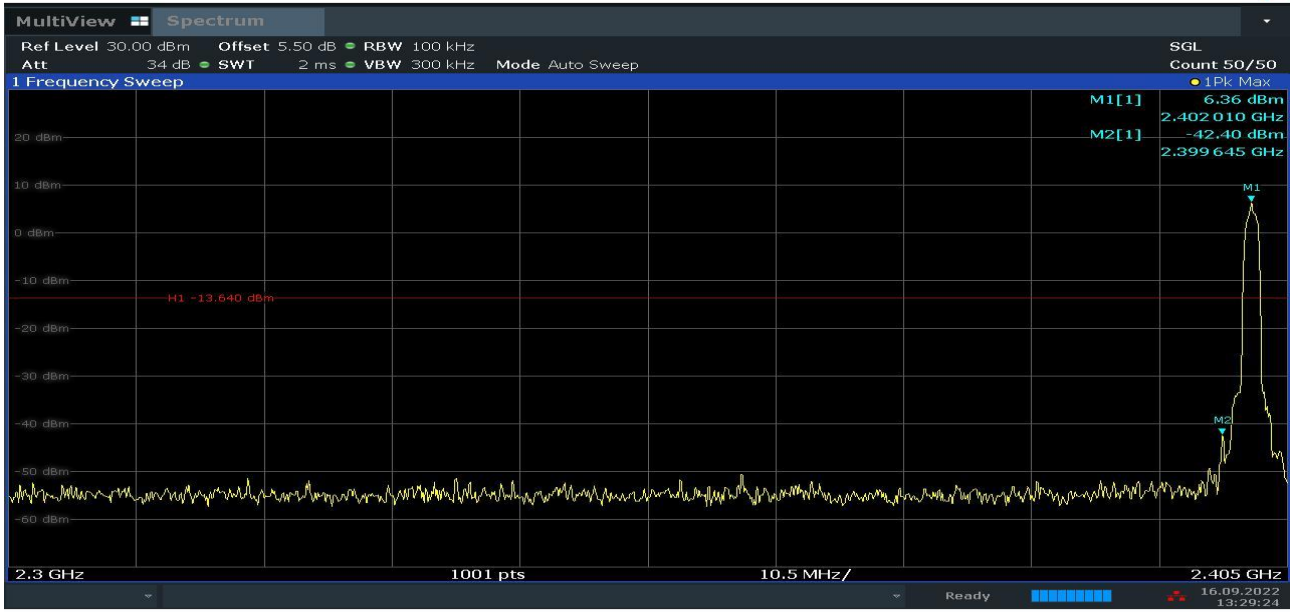
TM1\_Ant1\_Low\_Hop\_2402



TM1\_Ant1\_High\_Hop\_2480

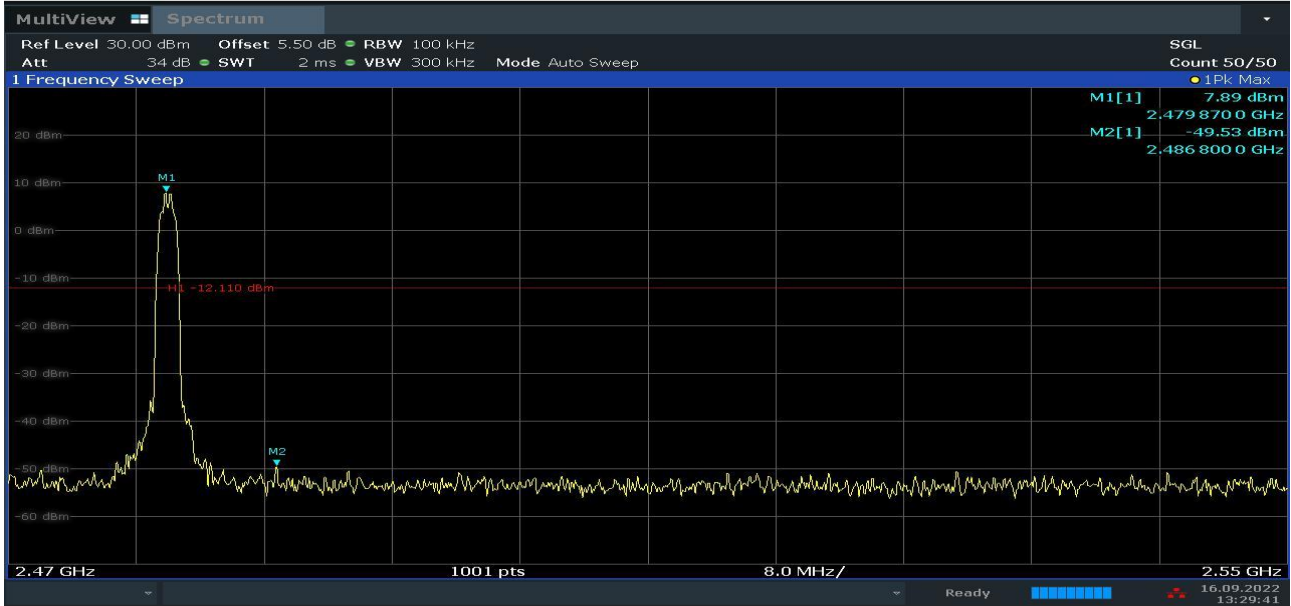


TM2\_Ant1\_Low\_2402



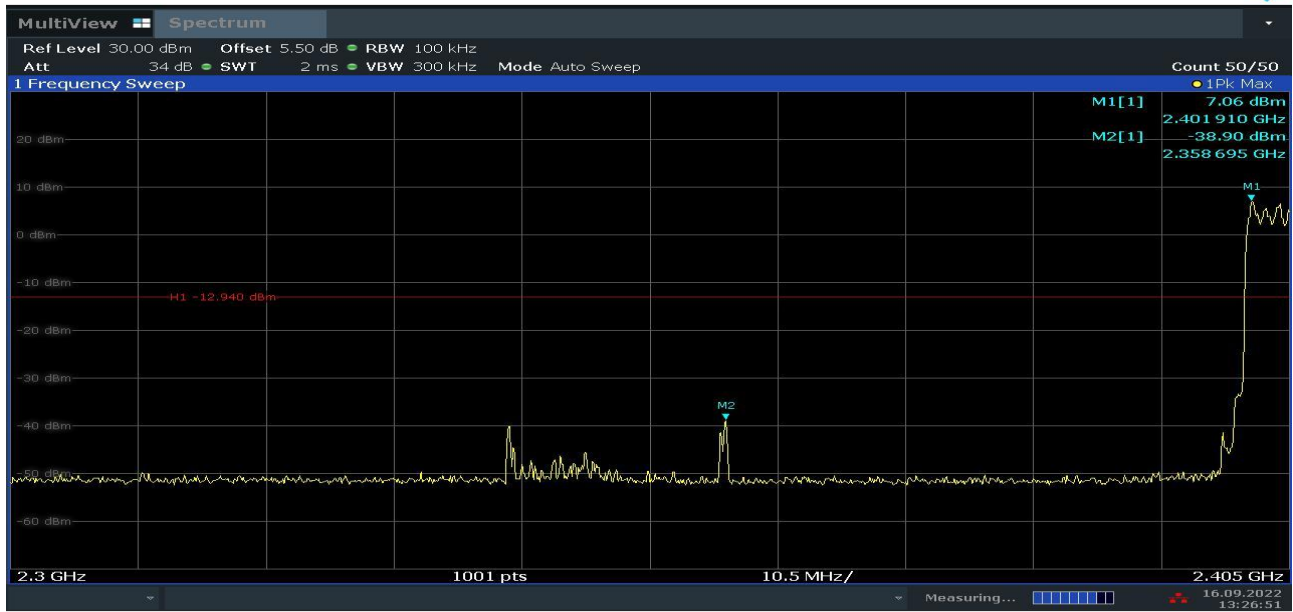
13:29:24 16.09.2022

TM2\_Ant1\_High\_2480



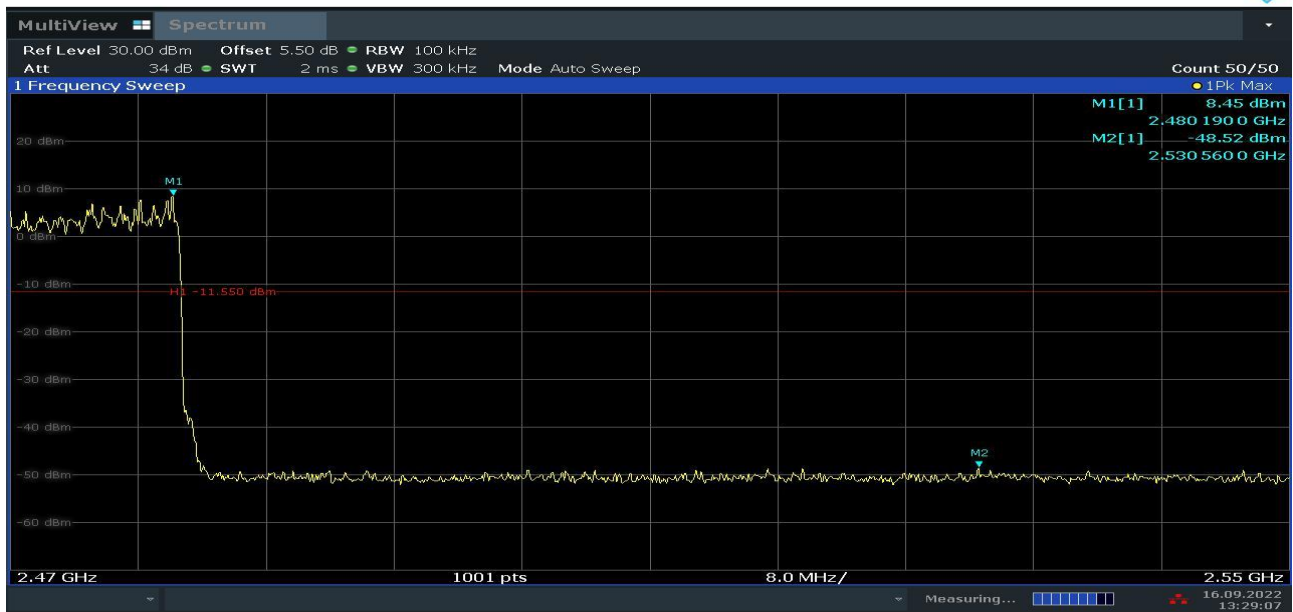
13:29:41 16.09.2022

TM2\_Ant1\_Low\_Hop\_2402



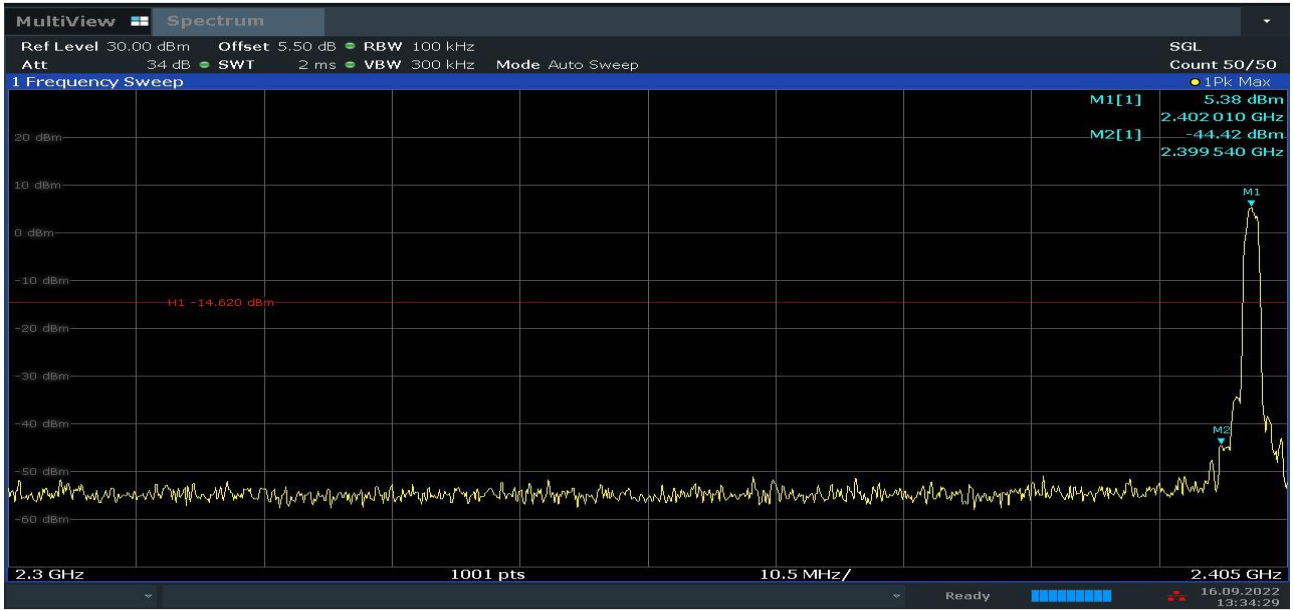
13:26:52 16.09.2022

TM2\_Ant1\_High\_Hop\_2480

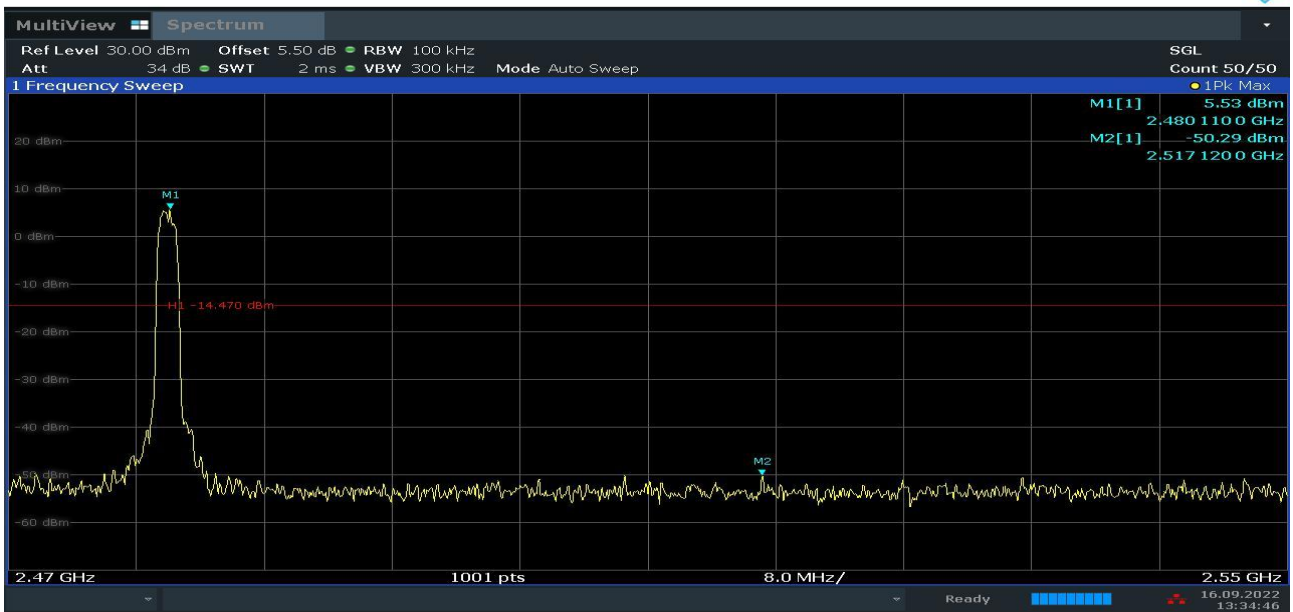


13:29:08 16.09.2022

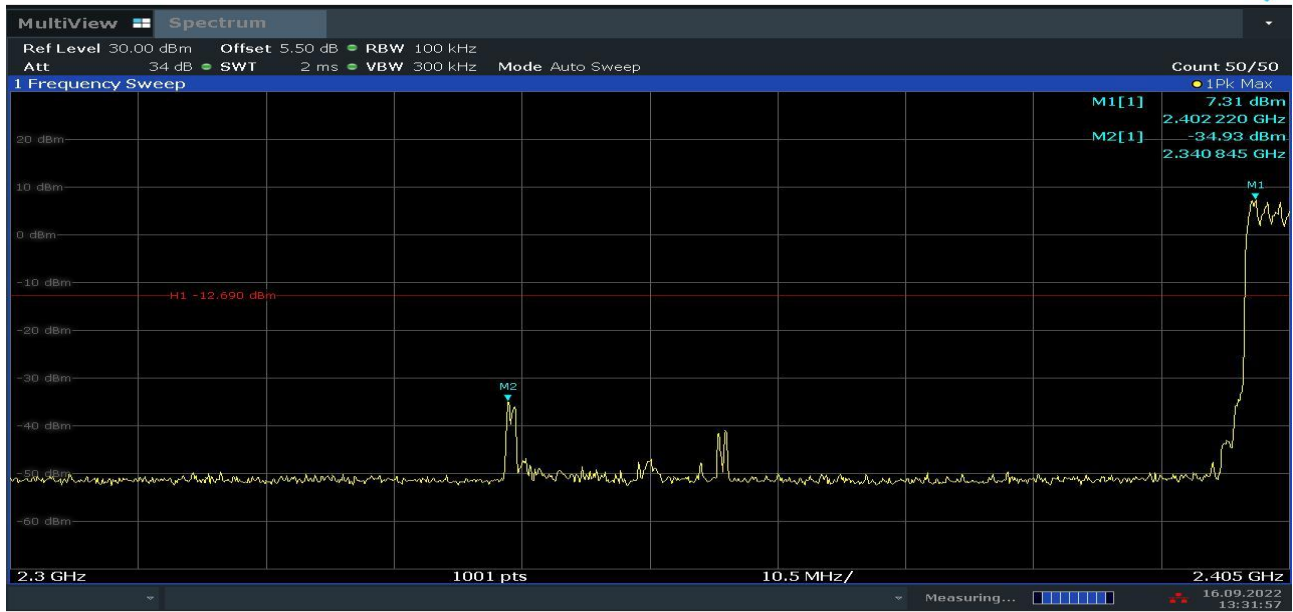
TM3\_Ant1\_Low\_2402



TM3\_Ant1\_High\_2480

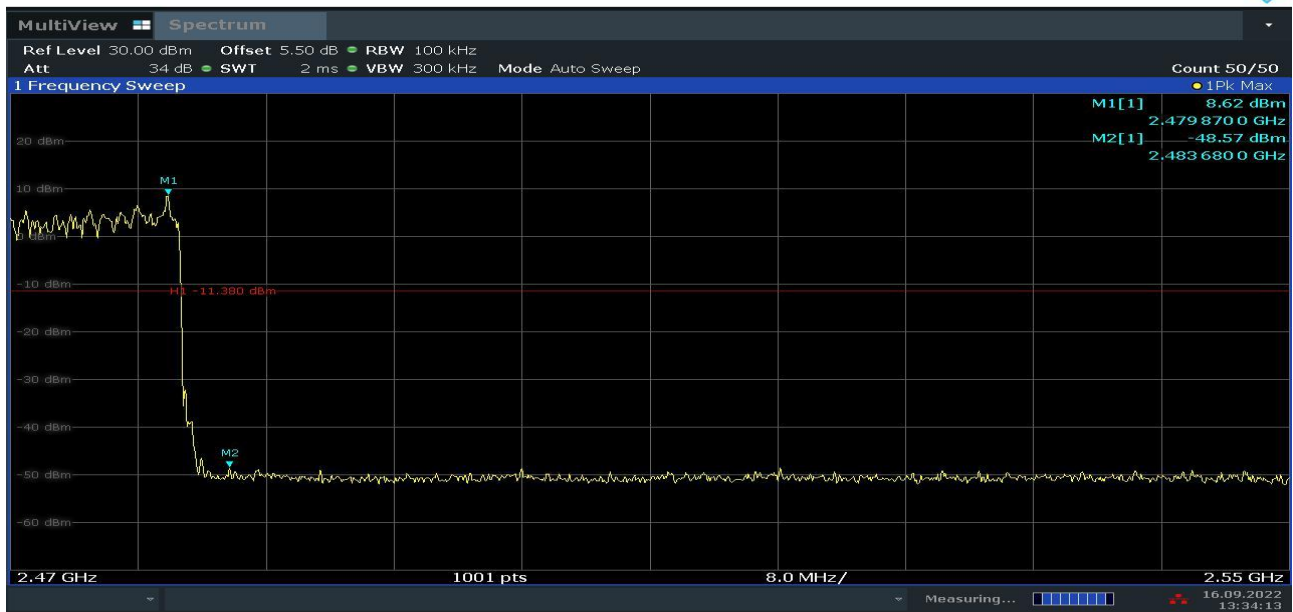


TM3\_Ant1\_Low\_Hop\_2402



13:31:57 16.09.2022

TM3\_Ant1\_High\_Hop\_2480



13:34:13 16.09.2022

## 8. Appendix G: Conducted Spurious Emission

### 8.1 Test Result

TestMode	Antenna	Channel	RefLevel[dBm/100kHz]	Result[dBm]	Limit[dBm/100kHz]	Verdict
TM1	Ant1	2402	9.45	<Limit	-20.55	PASS
		2441	8.97	<Limit	-21.03	PASS
		2480	10.55	<Limit	-19.45	PASS
TM2	Ant1	2402	7.35	<Limit	-22.65	PASS
		2441	6.78	<Limit	-23.22	PASS
		2480	8.56	<Limit	-21.44	PASS
TM3	Ant1	2402	7.37	<Limit	-22.63	PASS
		2441	6.80	<Limit	-23.2	PASS
		2480	8.66	<Limit	-21.34	PASS





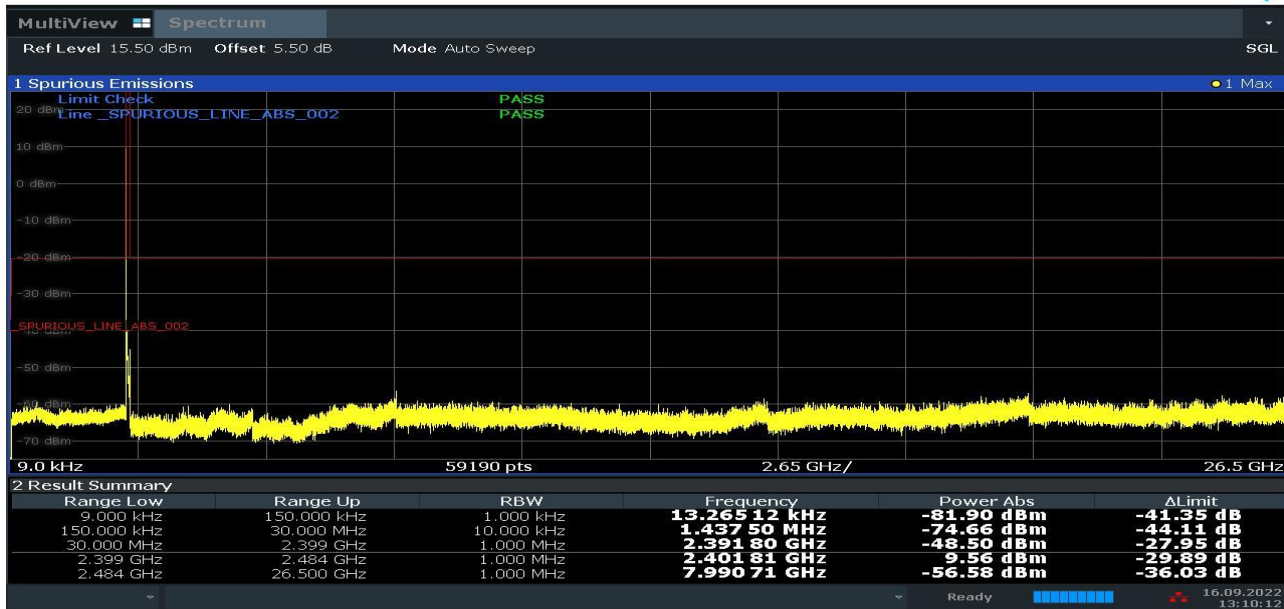
### 8.2 Test Graphs

TM1\_Ant1\_2402\_0-Reference



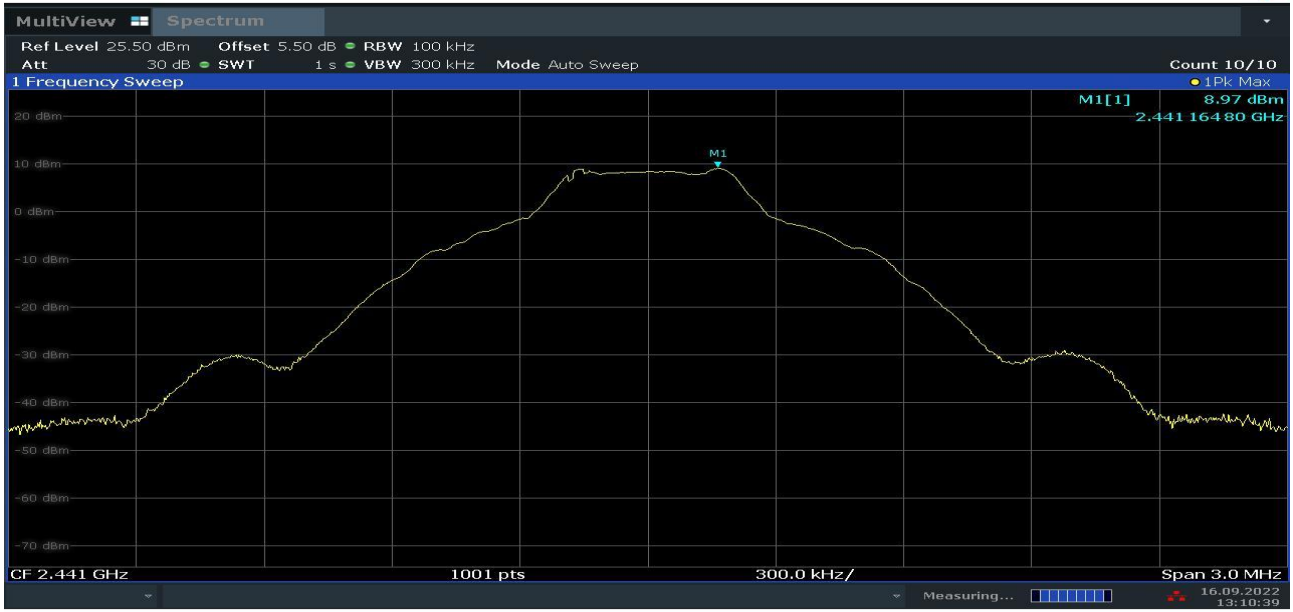
13:09:30 16.09.2022

TM1\_Ant1\_2402\_0.009-26500



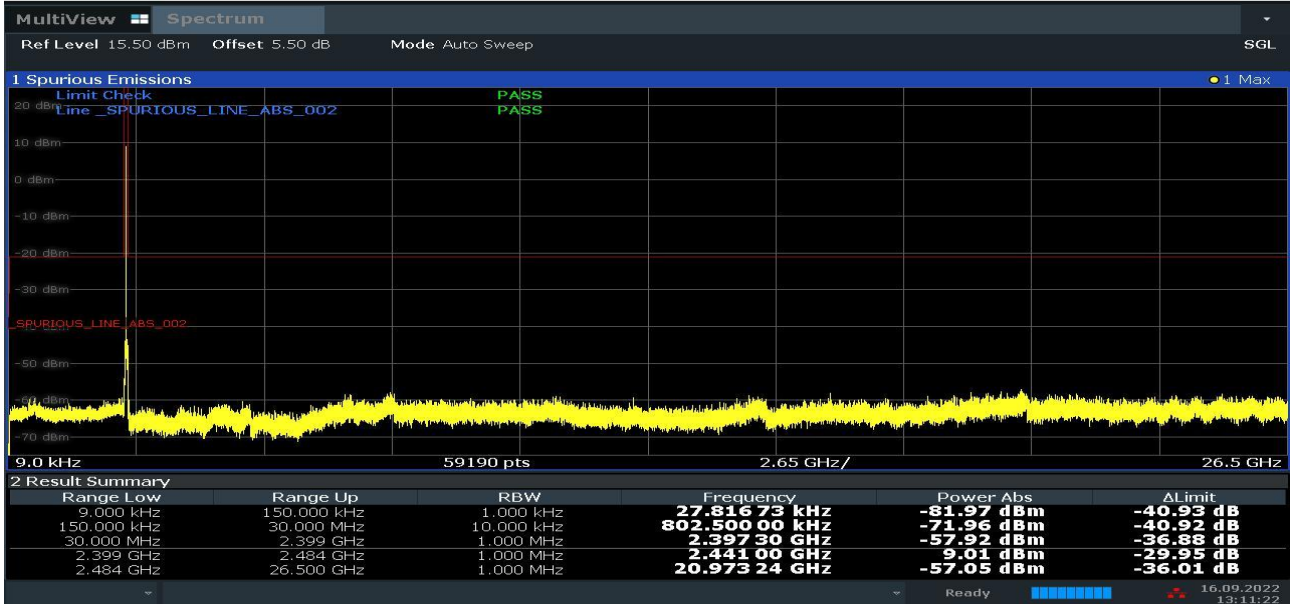
13:10:13 16.09.2022

TM1\_Ant1\_2441\_0-Reference



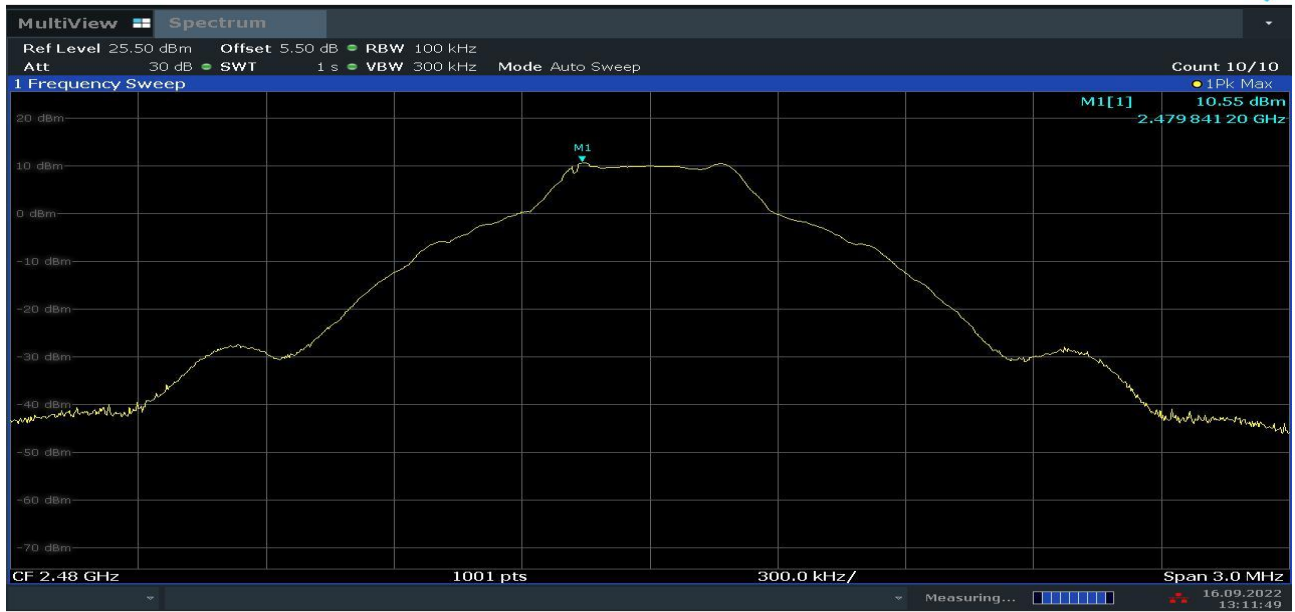
13:10:40 16.09.2022

TM1\_Ant1\_2441\_0.009~26500



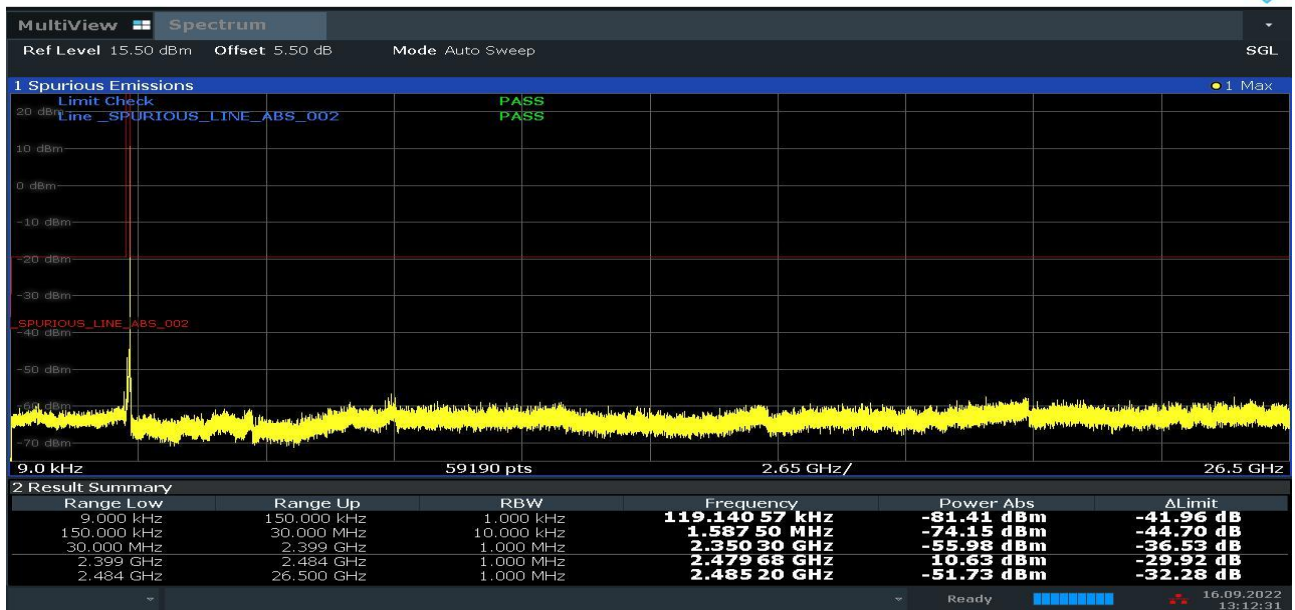
13:11:22 16.09.2022

TM1\_Ant1\_2480\_0-Reference



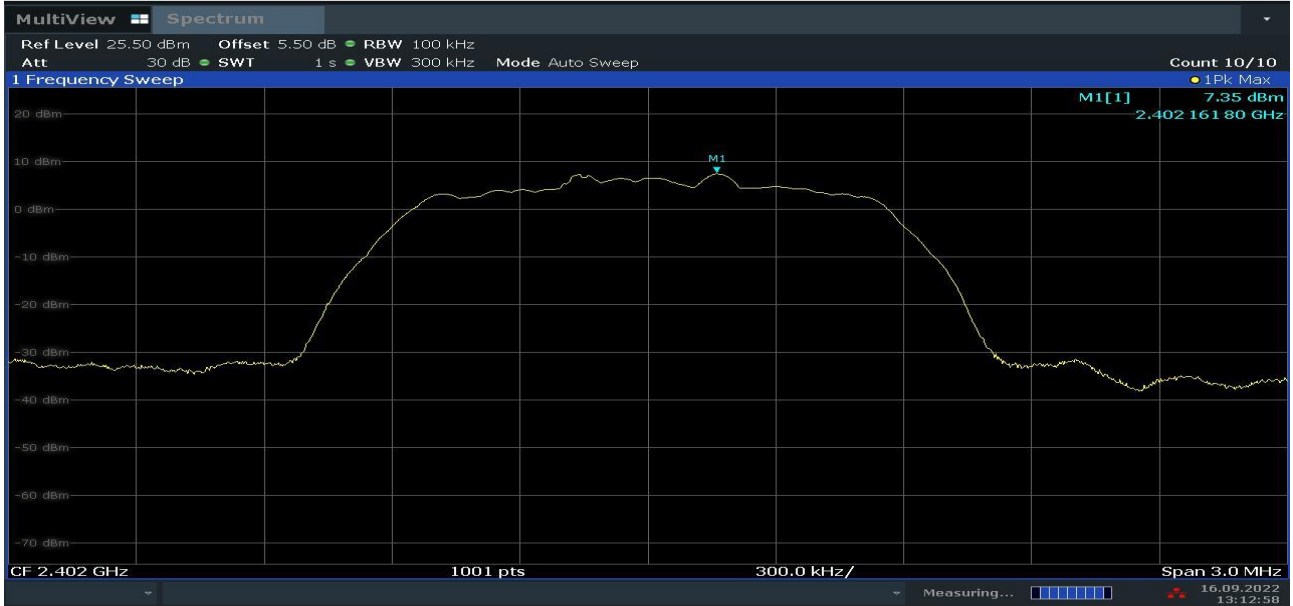
13:11:49 16.09.2022

TM1\_Ant1\_2480\_0.009~26500



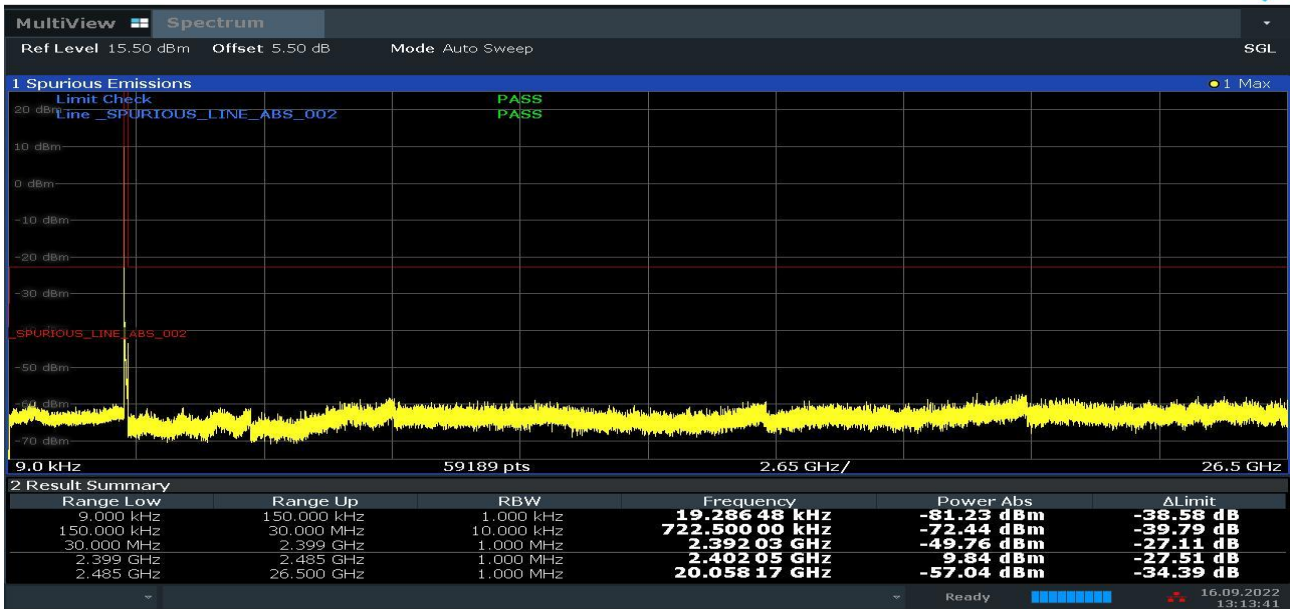
13:12:32 16.09.2022

TM2\_Ant1\_2402\_0-Reference



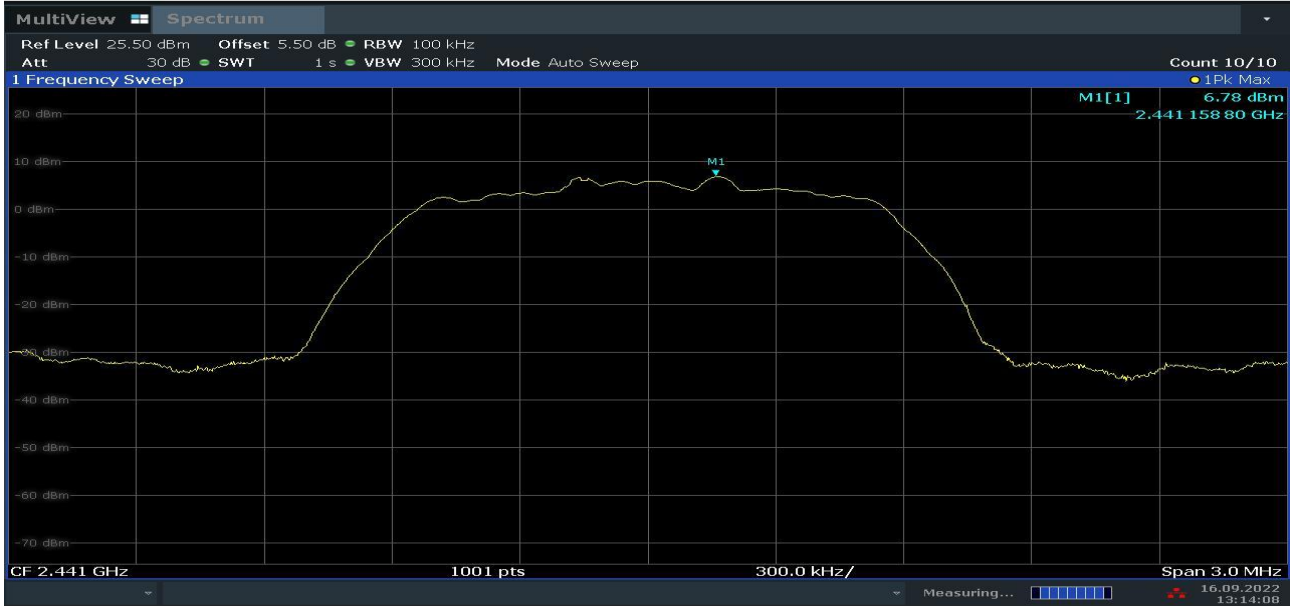
13:12:59 16.09.2022

TM2\_Ant1\_2402\_0.009-26500



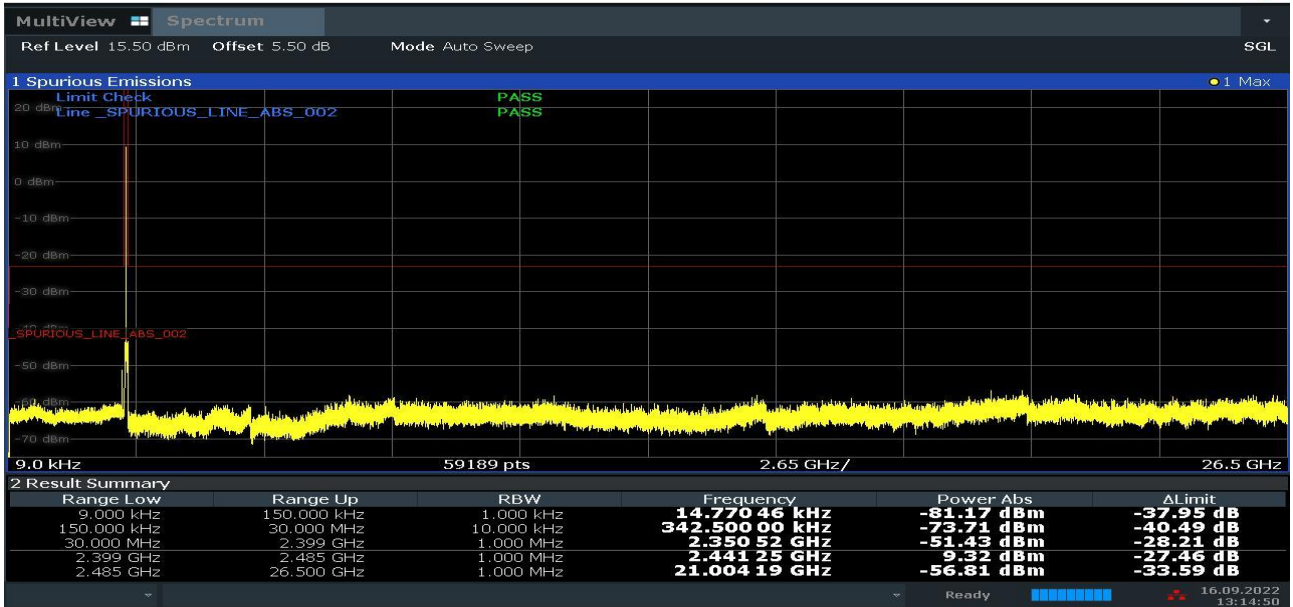
13:13:42 16.09.2022

TM2\_Ant1\_2441\_0-Reference



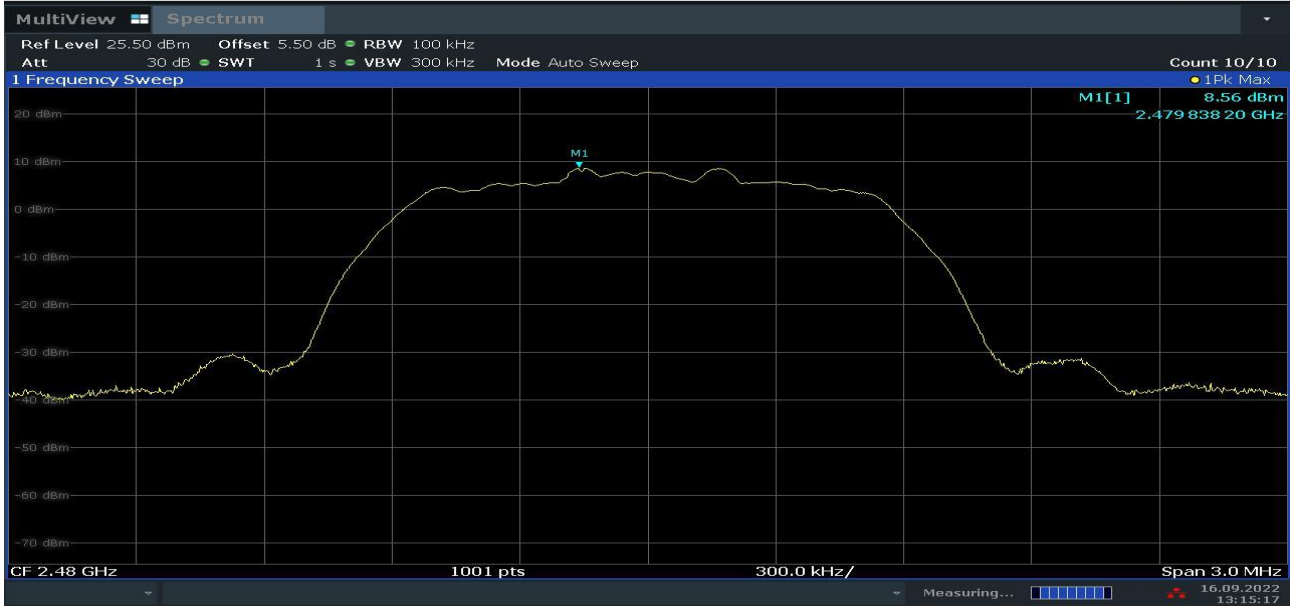
13:14:08 16.09.2022

TM2\_Ant1\_2441\_0.009-26500



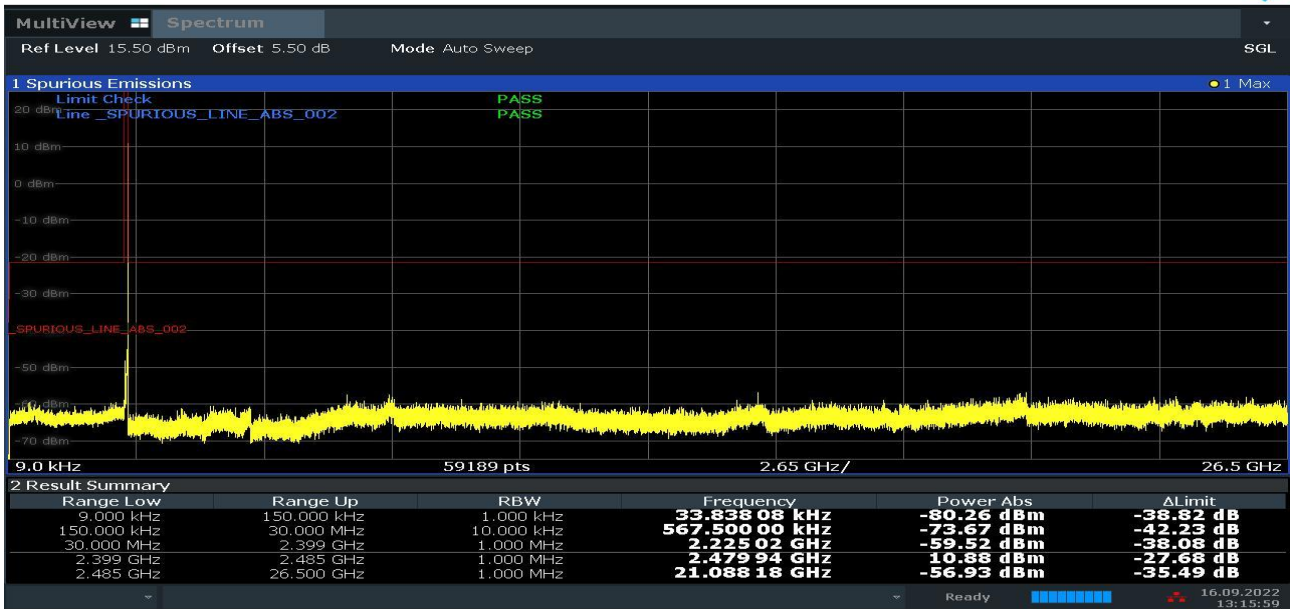
13:14:51 16.09.2022

TM2\_Ant1\_2480\_0-Reference



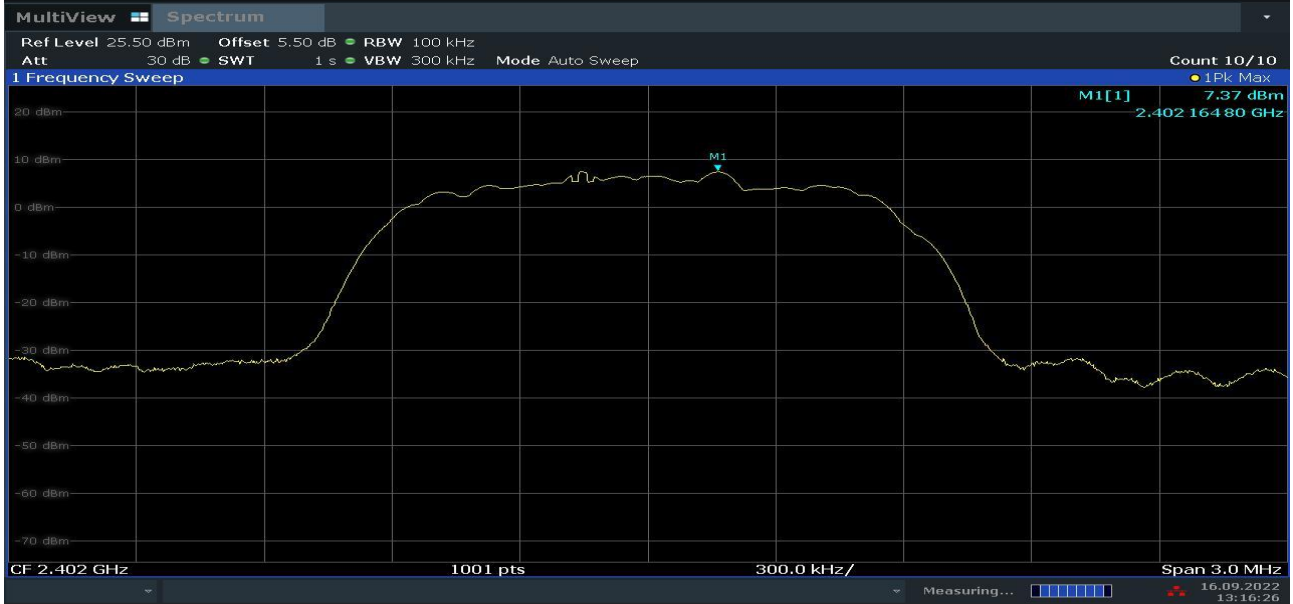
13:15:18 16.09.2022

TM2\_Ant1\_2480\_0.009~26500



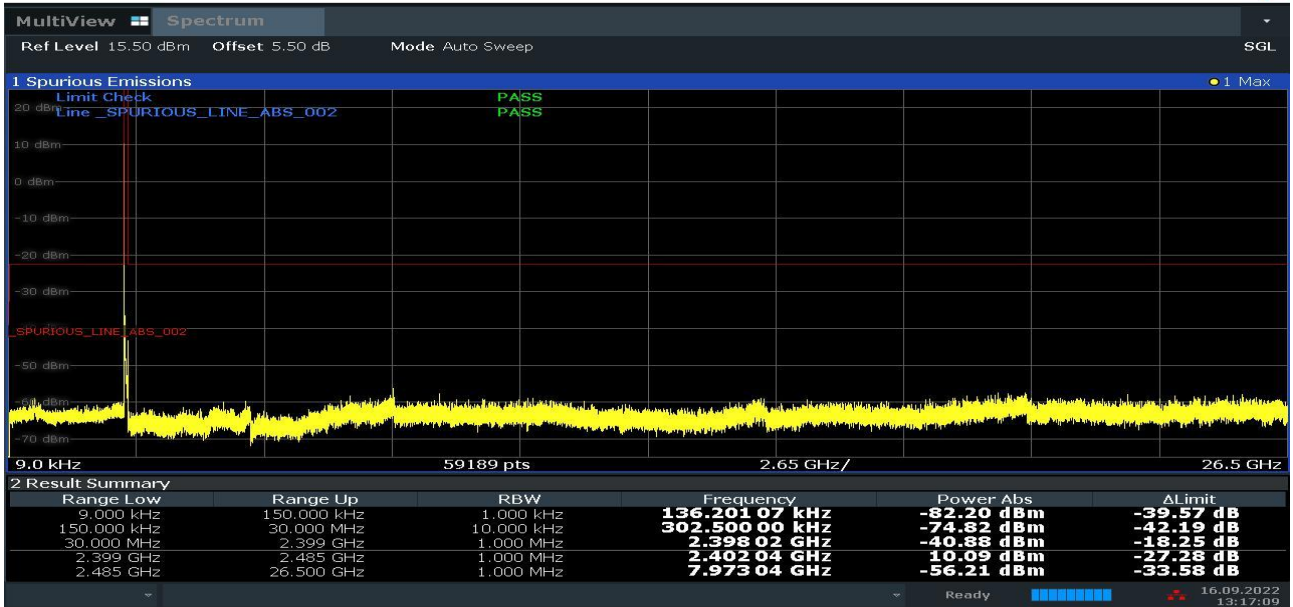
13:16:00 16.09.2022

TM3\_Ant1\_2402\_0-Reference



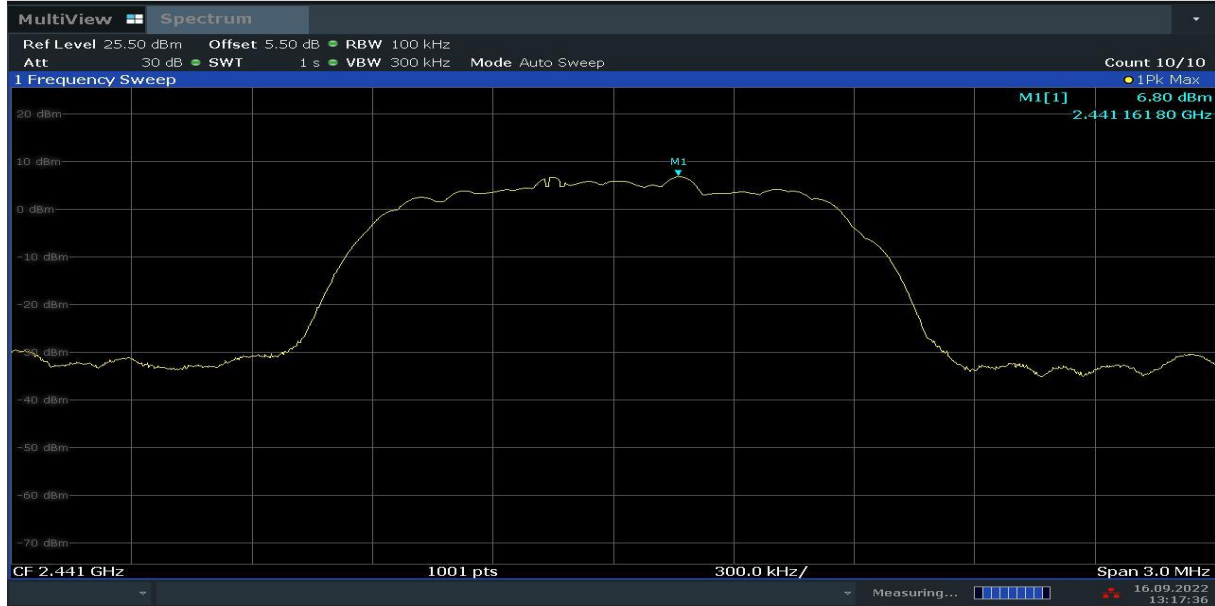
13:16:27 16.09.2022

TM3\_Ant1\_2402\_0.009-26500



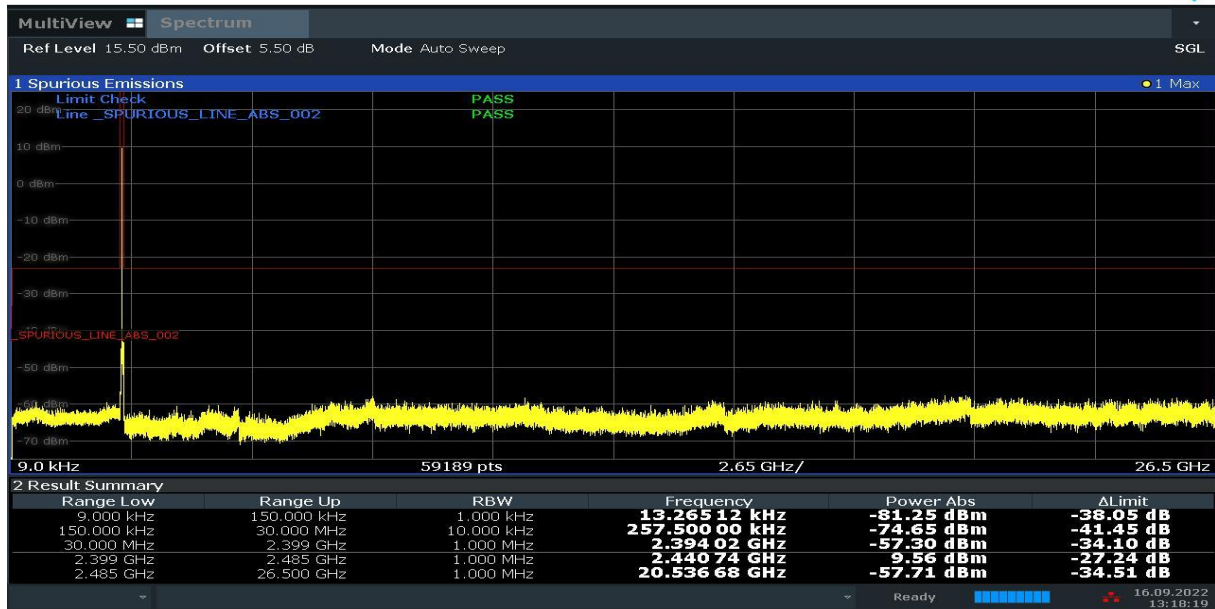
13:17:09 16.09.2022

TM3\_Ant1\_2441\_0-Reference



13:17:36 16.09.2022

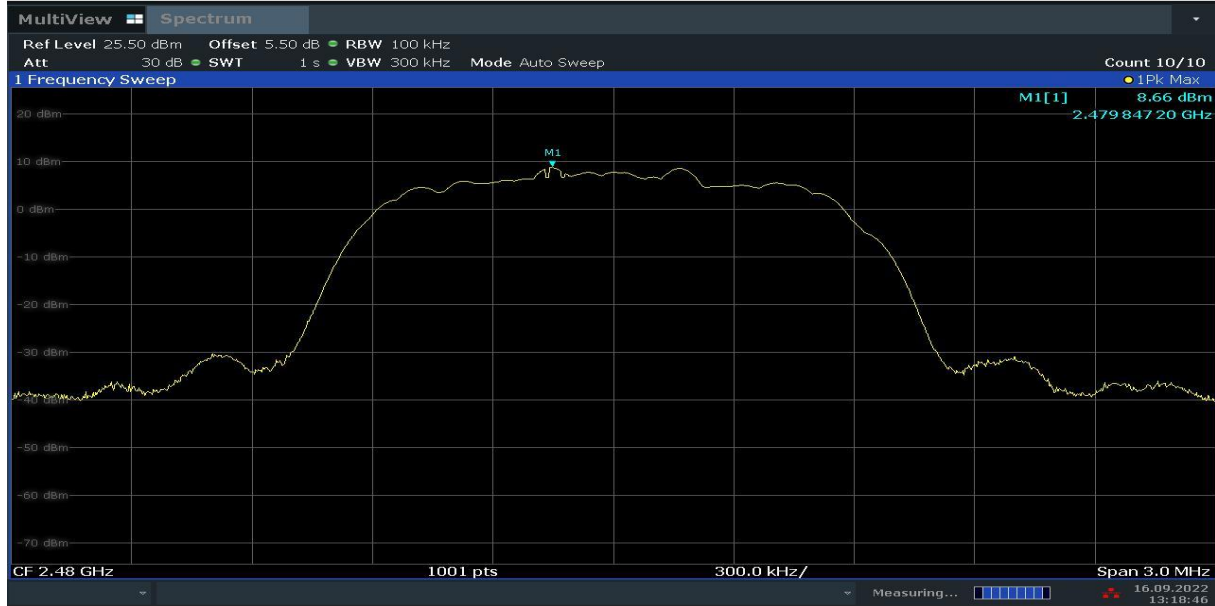
TM3\_Ant1\_2441\_0.009~26500



13:18:19 16.09.2022

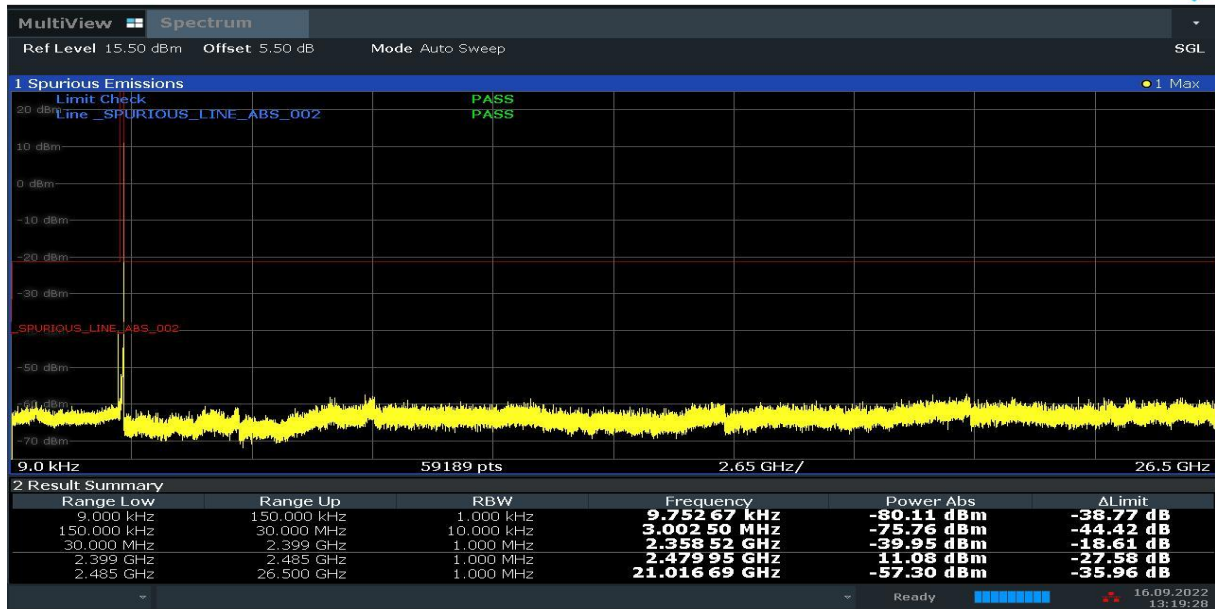


TM3\_Ant1\_2480\_0-Reference



13:18:46 16.09.2022

TM3\_Ant1\_2480\_0.009~26500



13:19:28 16.09.2022

## 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.

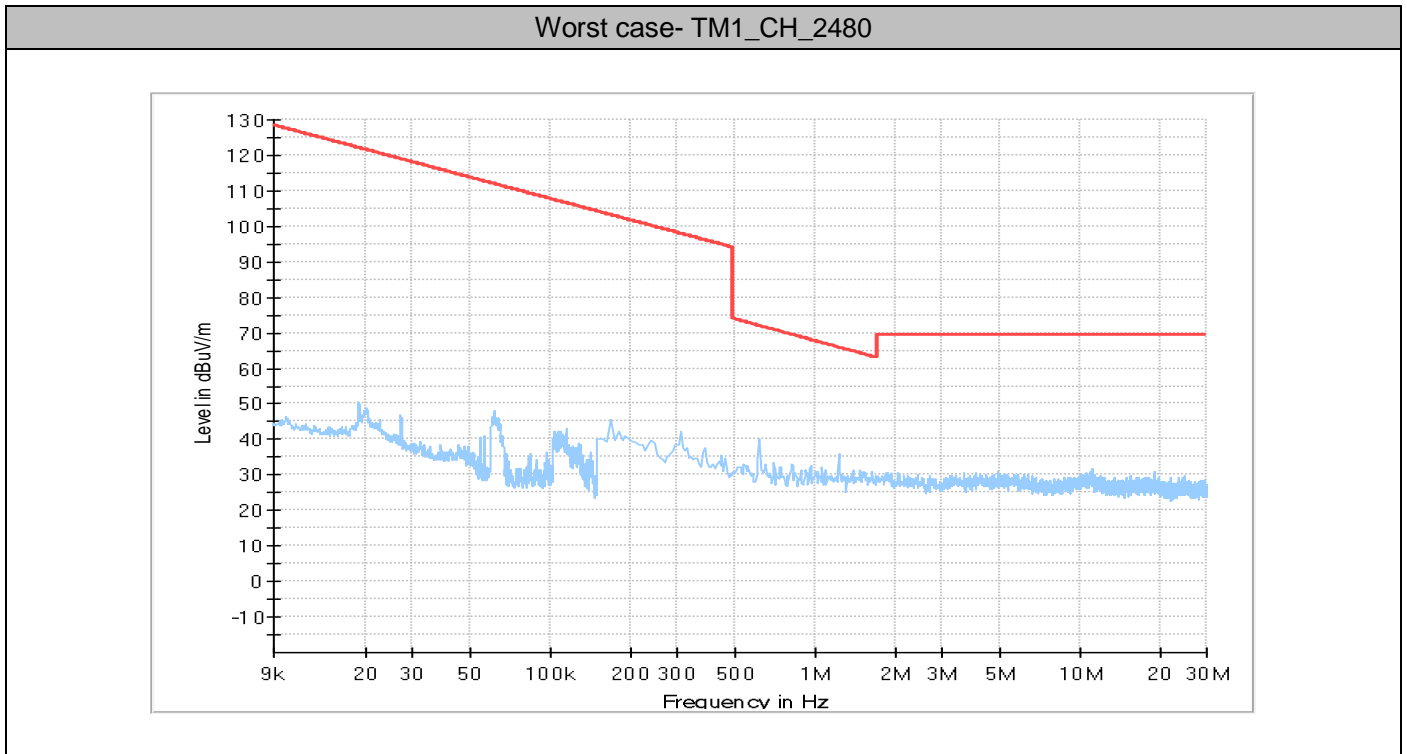
### 9.1 Test Results

Test Mode	Antenna	Test Channel	Spurious Emissions Result	Spurious Emissions Limit	Verdict
TM1	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”

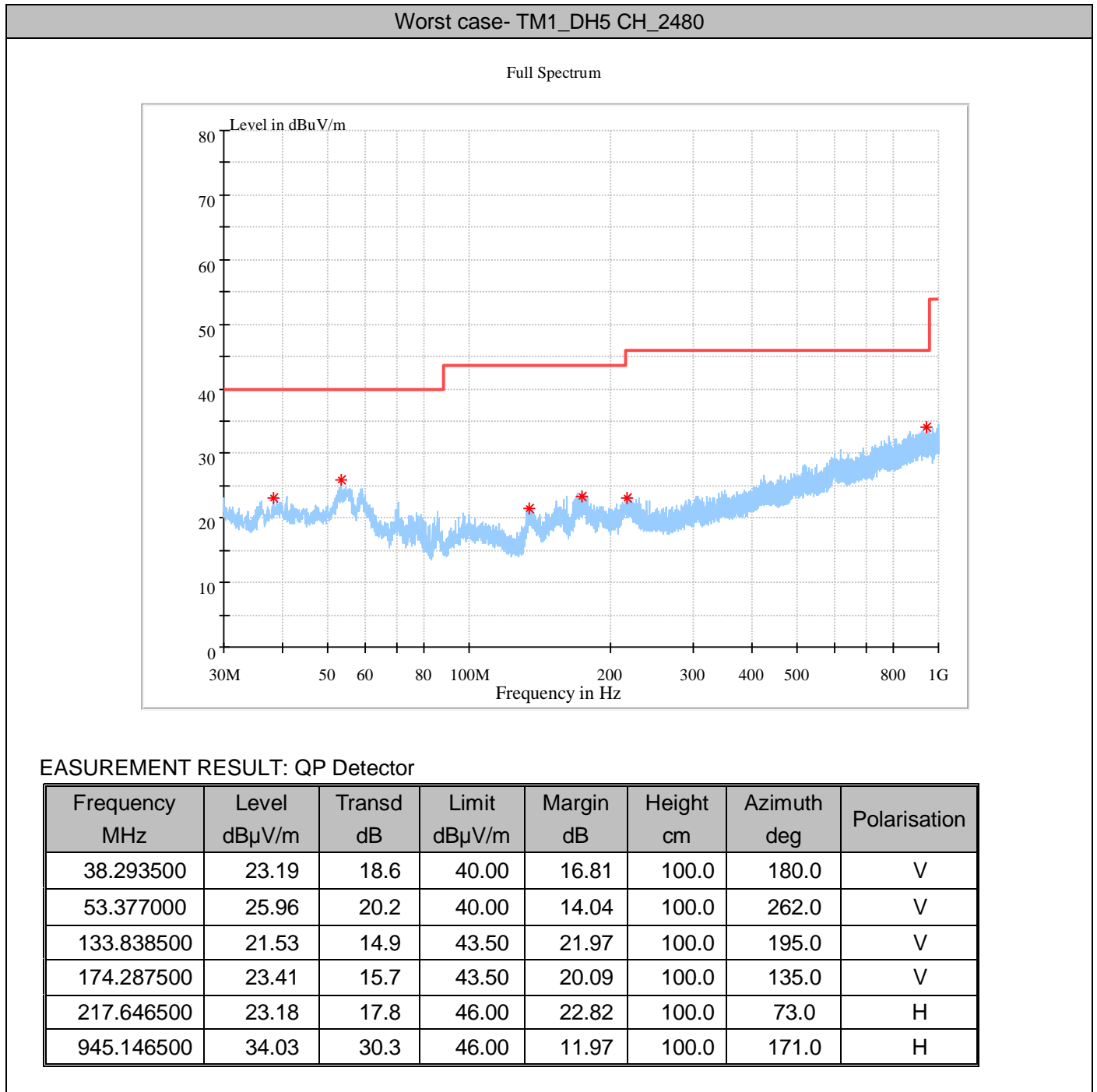
Note 1: The test results and plot for testing range of “9 kHz to 30MHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.



**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).



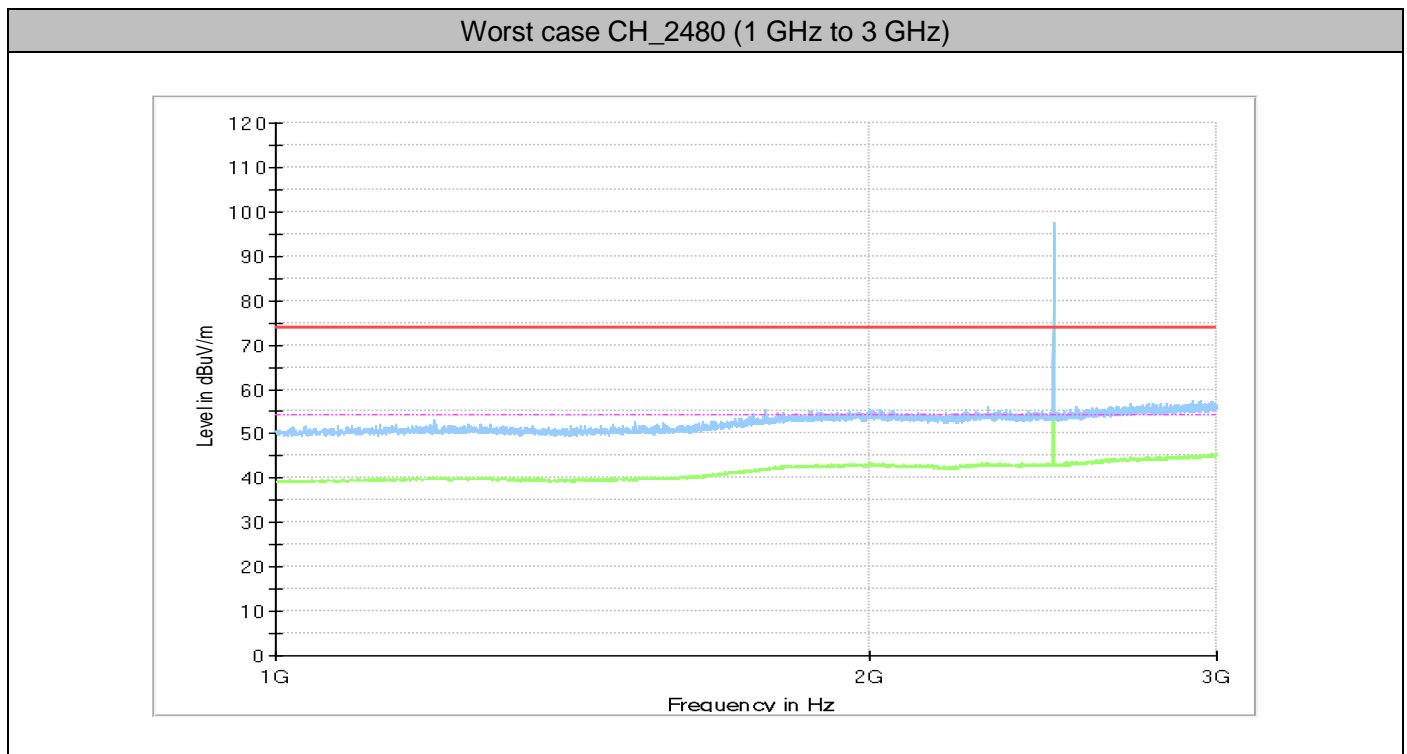
### 9.2.3. Part 3: Testing Range of “1 GHz to 3 GHz”

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.

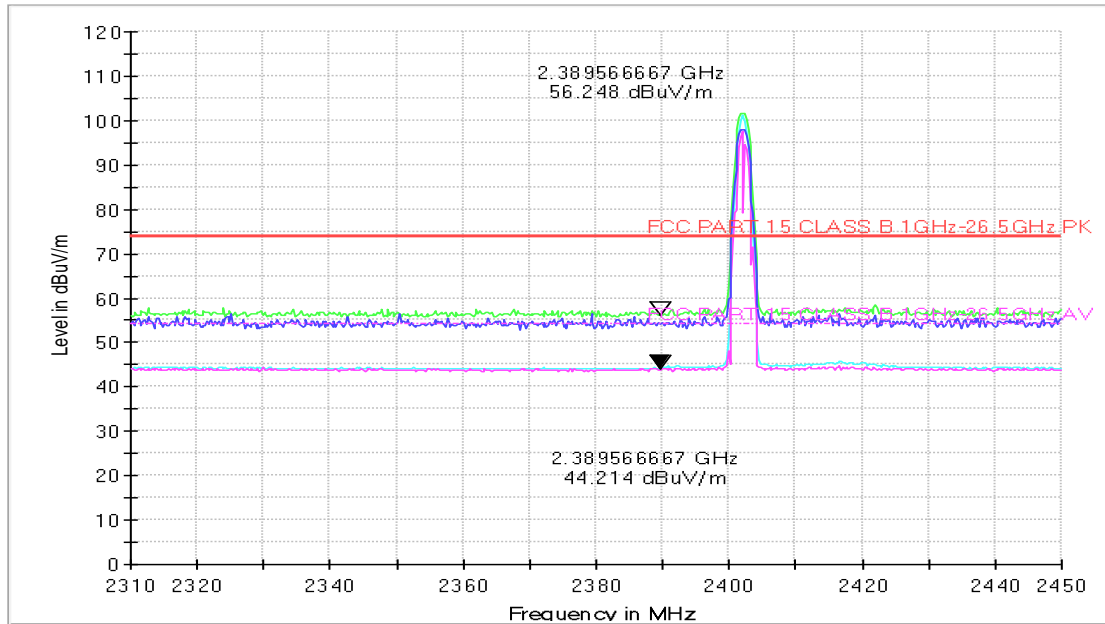
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).

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

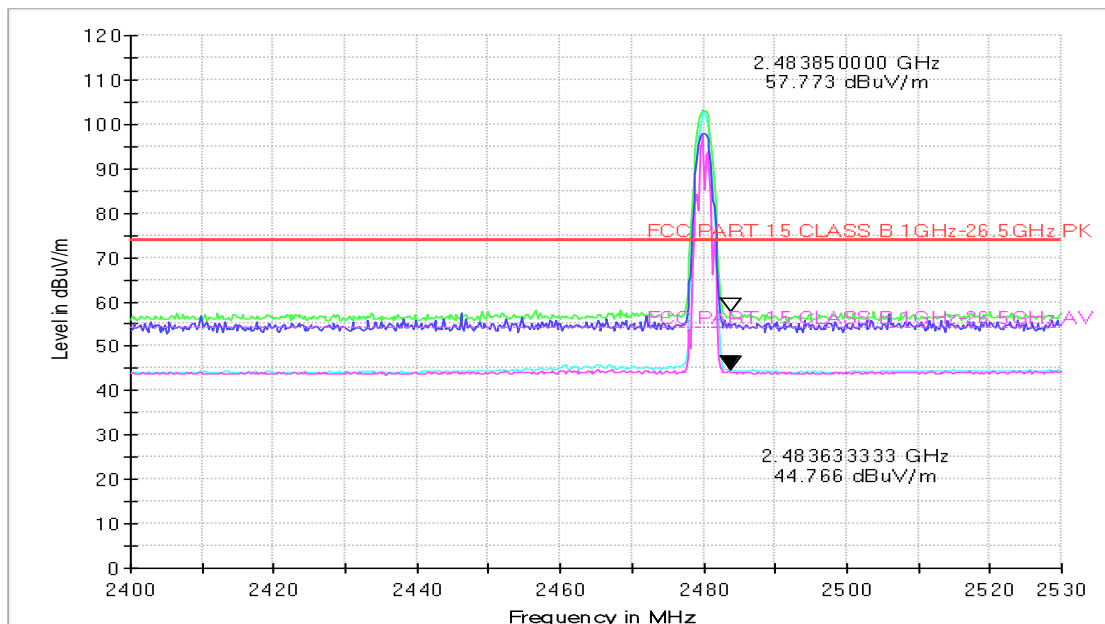
#### 9.2.3.1. TM1



CH\_2402\_ (Band Edge)



CH\_2480\_ (Band Edge)

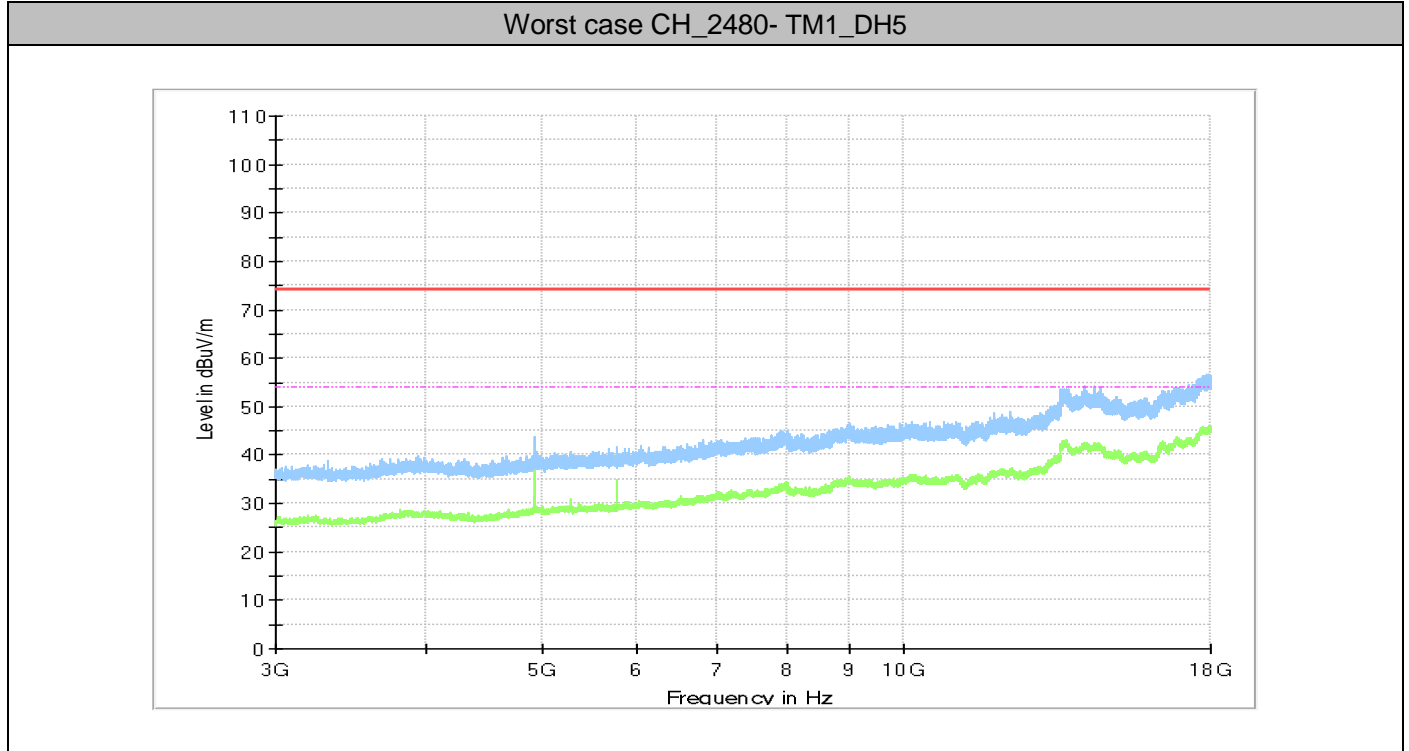


**9.2.4. Part 4: Testing Range of “3 GHz to 18 GHz”**

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 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).

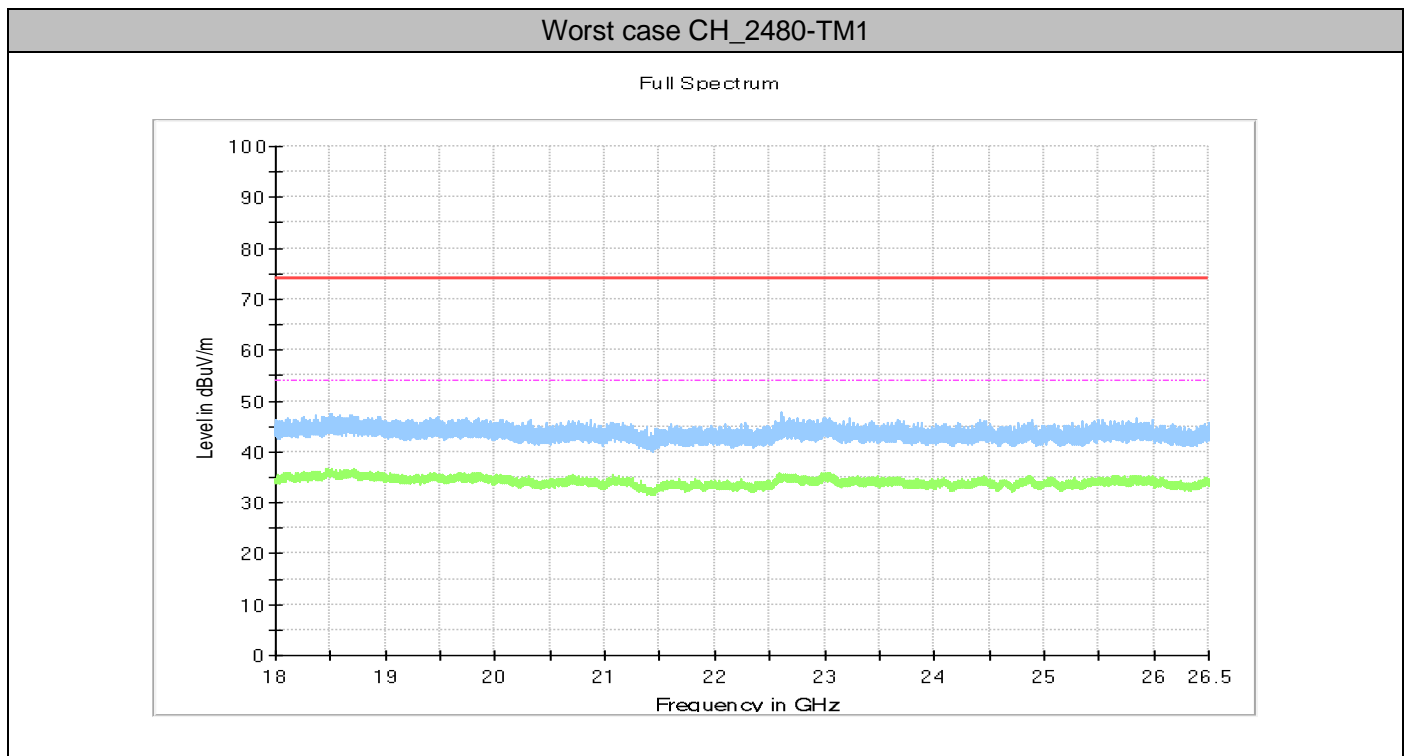


### 9.2.5. Part 5: Testing Range of “18 GHz to 26.5 GHz”

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 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).





## 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.

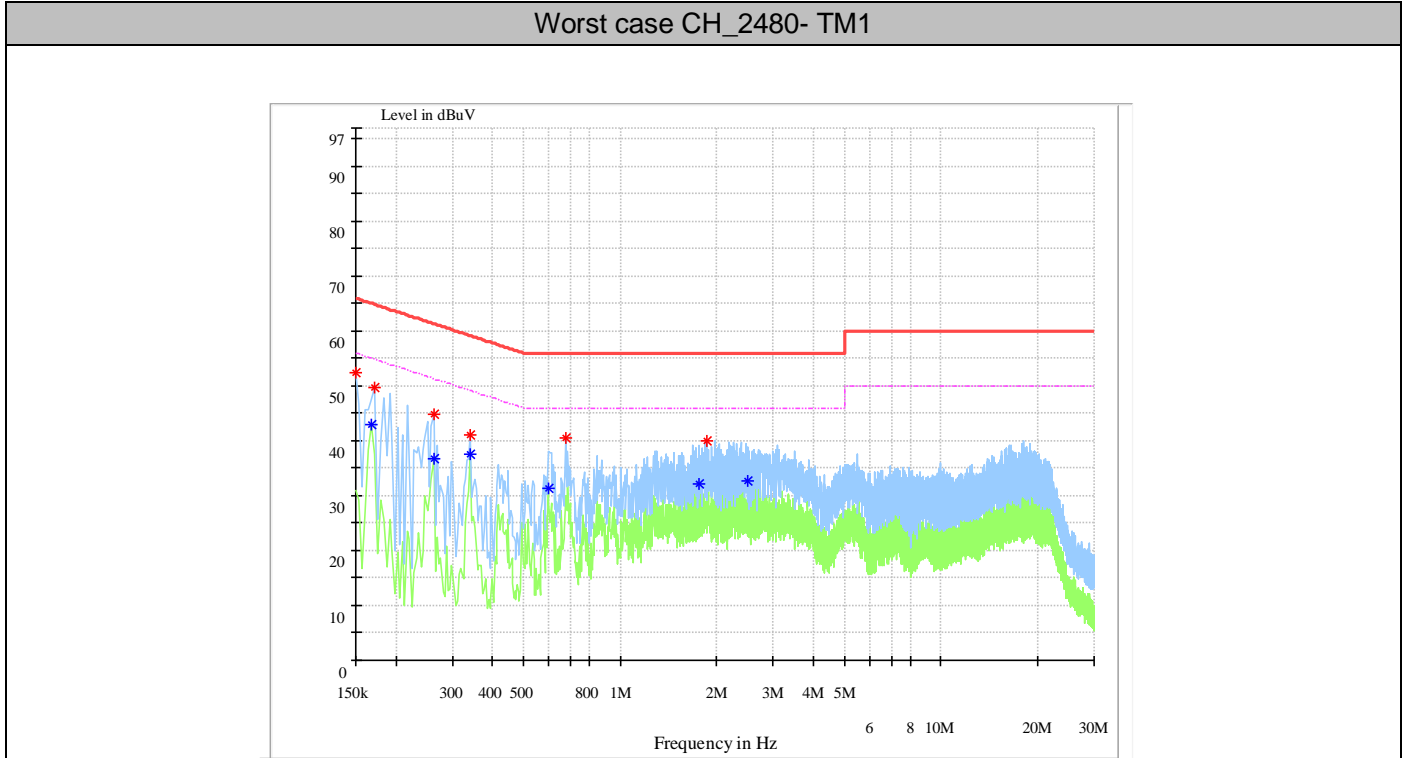
Note 2: RBW =9 kHz; VBW = 30 kHz

### 10.1 Test Results

Test Mode	Antenna	Test Channel	Maximum Emissions	Limit	Verdict
TM1	Ant1	2480	(see Test Graphs)	(see Test Graphs)	PASS

10.2 Test Graphs

Note: Not found obvious spikes or see marked spikes on plots and listed emissions records.



MEASUREMENT RESULT: QP Detector

Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Transd. (dB)	Margin (dB)	Line	PE
0.15	52.32	66.00	9.6	13.68	L1	FLO
0.172388	49.76	64.85	9.6	15.09	N	FLO
0.261938	44.89	61.37	9.7	16.48	N	FLO
0.340294	41.12	59.20	9.7	18.08	N	FLO
0.676106	40.63	56.00	9.7	15.37	N	FLO
1.855181	40.00	56.00	9.8	16.00	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Transd. (dB)	Margin (dB)	Line	PE
0.168656	42.89	55.03	9.6	12.14	L1	FLO
0.261938	36.77	51.37	9.7	14.60	N	FLO
0.340294	37.66	49.20	9.7	11.54	N	FLO
0.59775	31.39	46.00	9.7	14.61	N	FLO
1.765631	32.25	46.00	9.8	13.75	N	FLO
2.50815	32.68	46.00	9.8	13.32	N	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