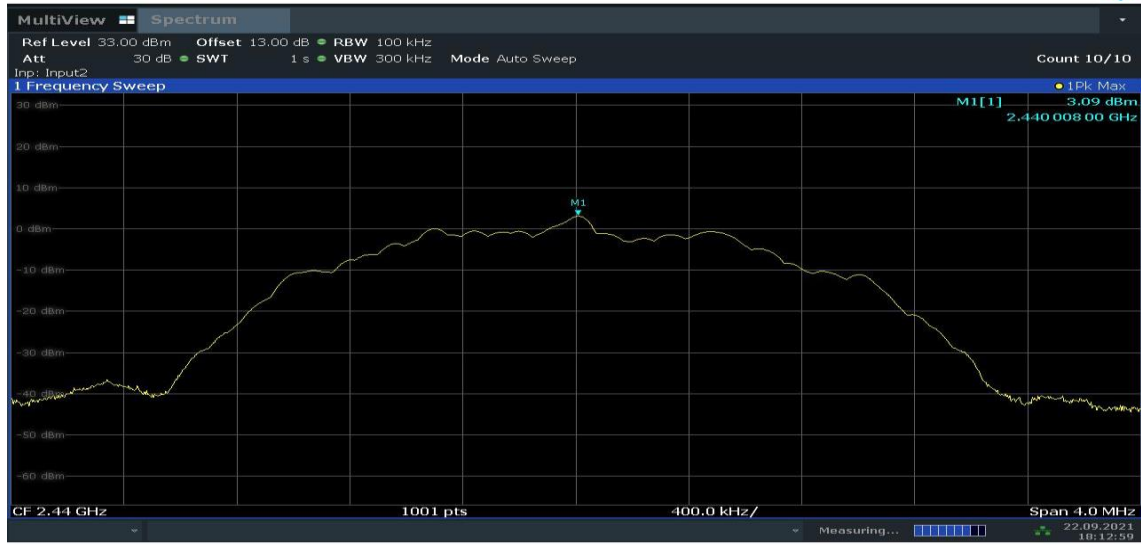
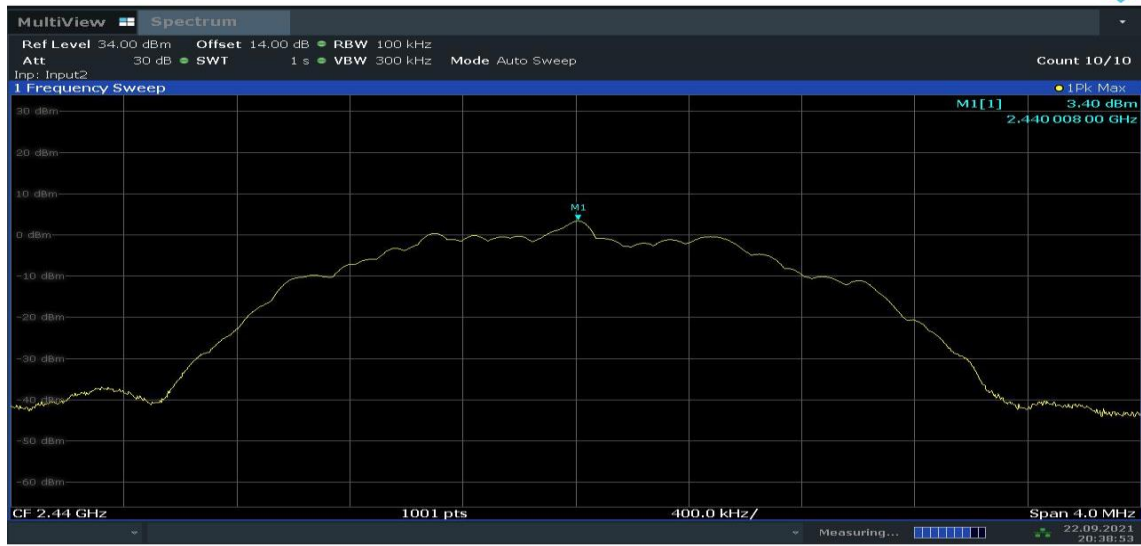


BLE_TM2_Ant1_2440_0~Reference



BLE_TM2_Ant2_2440_0~Reference



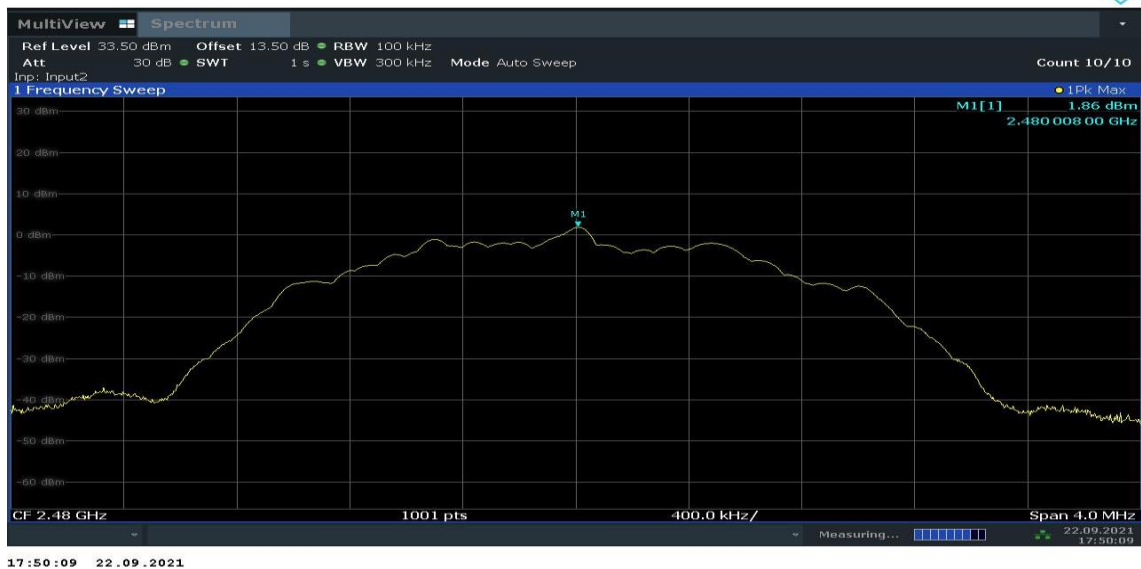
BLE_TM2_Ant1_2440_0.009~30



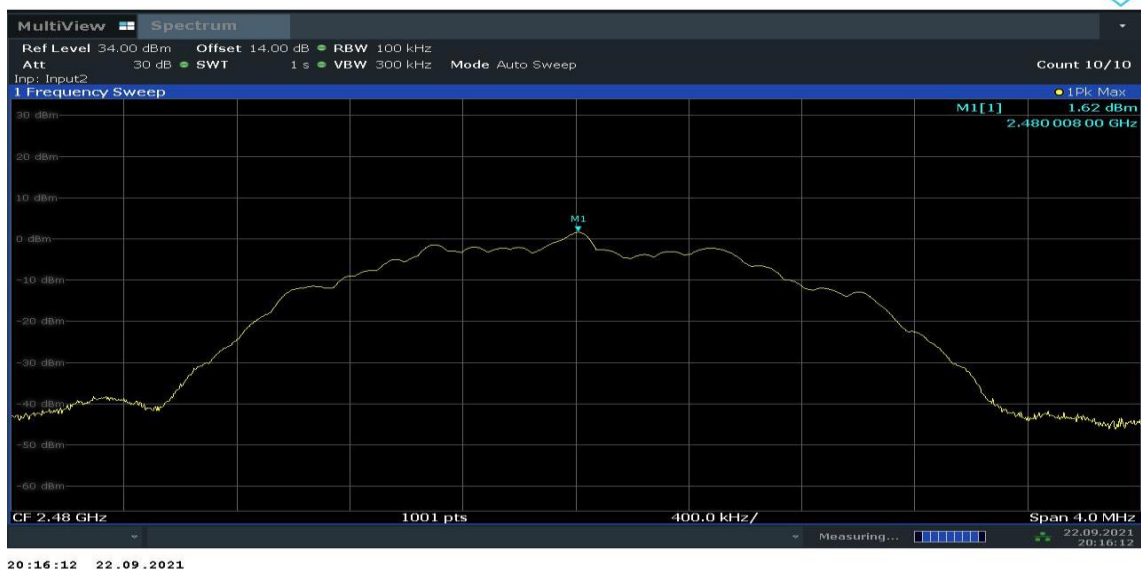
BLE_TM2_Ant2_2440_0.009~30



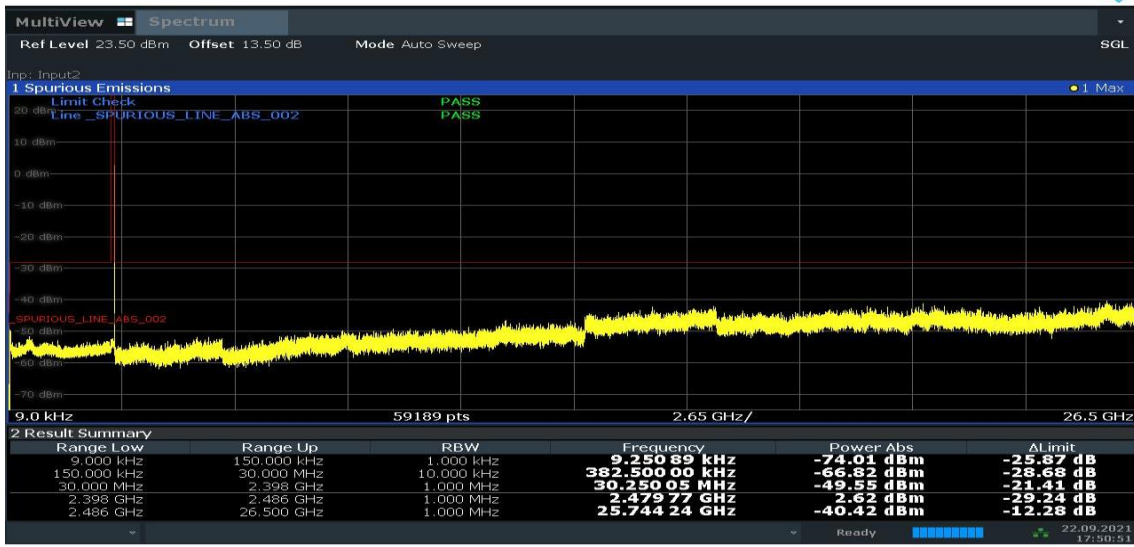
BLE_TM2_Ant1_2480_0~Reference



BLE_TM2_Ant2_2480_0~Reference

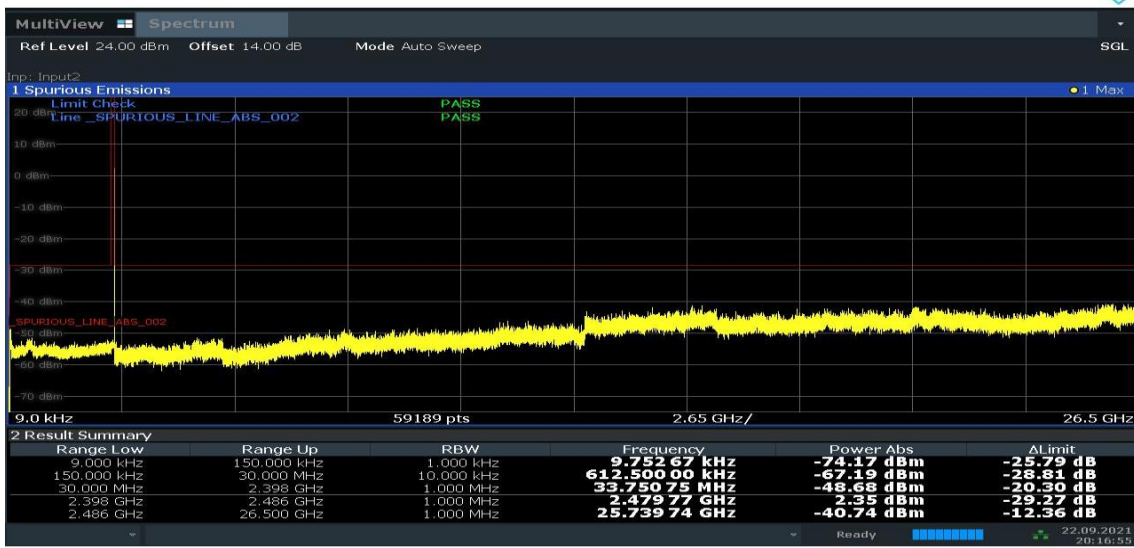


BLE_TM2_Ant1_2480_0.009~30



17:50:52 22.09.2021

BLE_TM2_Ant2_2480_0.009~30



20:16:55 22.09.2021

8. 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.

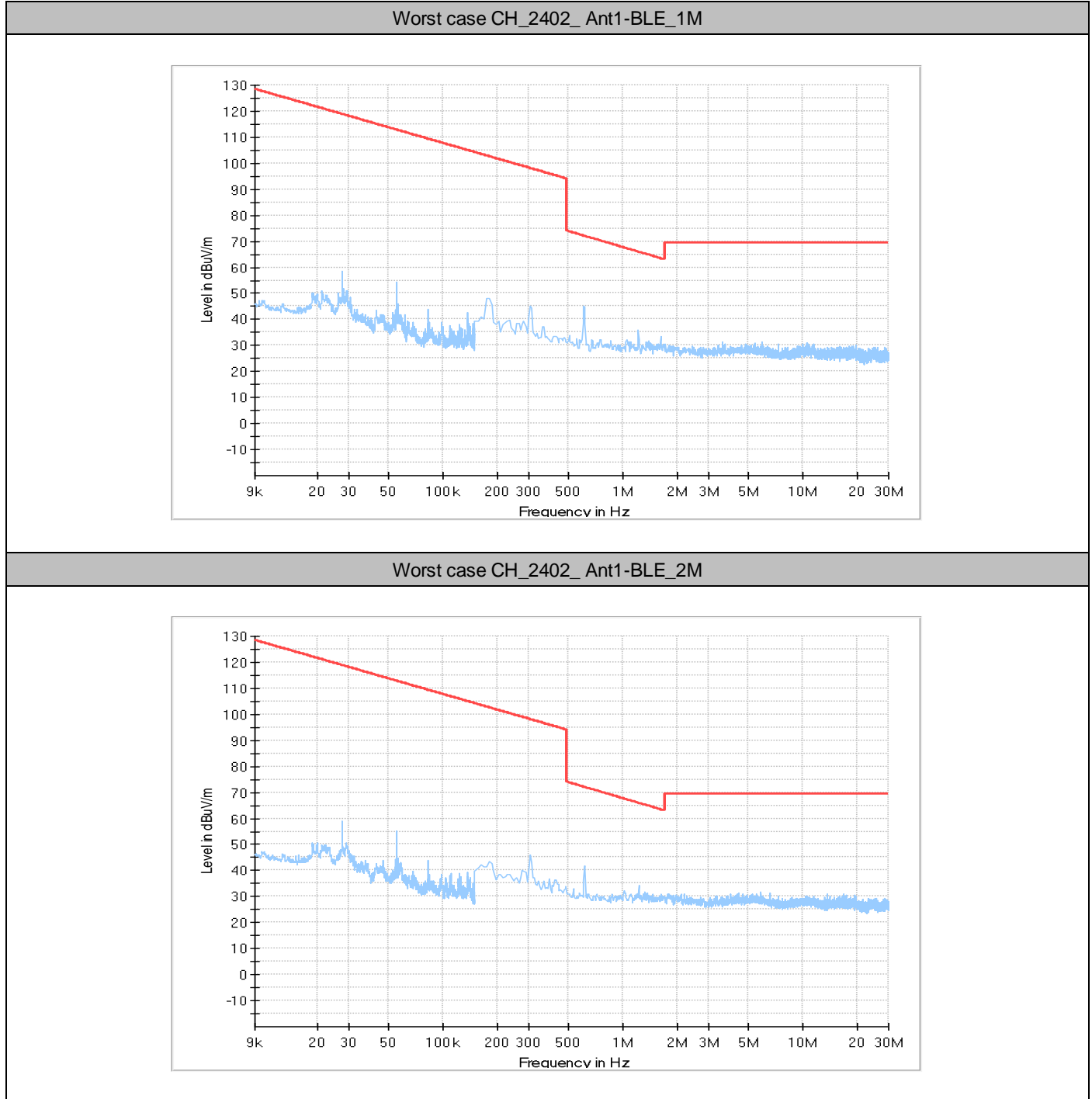
8.1 Test Results

| Test Mode | Antenna | Test Channel | Spurious Emissions Result | Spurious Emissions Limit | Verdict |
|------------|---------|--------------|---------------------------|--------------------------|---------|
| TM1_BLE_1M | Ant1 | 2402 | (see Test Graphs) | (see Test Graphs) | PASS |
| | Ant2 | 2402 | (see Test Graphs) | (see Test Graphs) | PASS |
| | Ant1 | 2480 | (see Test Graphs) | (see Test Graphs) | PASS |
| | Ant2 | 2480 | (see Test Graphs) | (see Test Graphs) | PASS |
| TM2_BLE_2M | Ant1 | 2402 | (see Test Graphs) | (see Test Graphs) | PASS |
| | Ant2 | 2402 | (see Test Graphs) | (see Test Graphs) | PASS |
| | Ant1 | 2480 | (see Test Graphs) | (see Test Graphs) | PASS |
| | Ant2 | 2480 | (see Test Graphs) | (see Test Graphs) | PASS |

8.2 Test Graphs

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

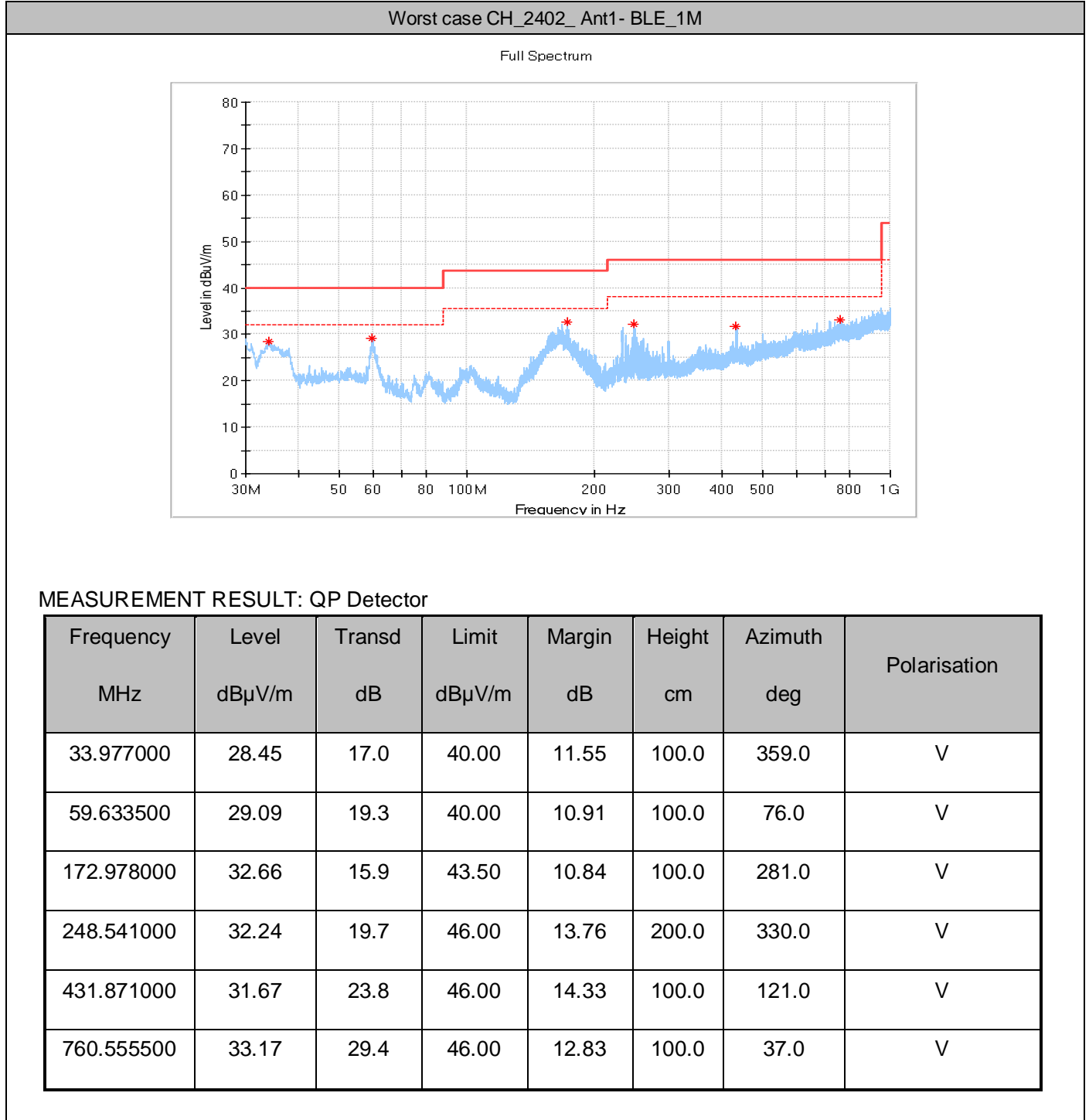
Note 1: The test results and plot for testing range of “9 kHz to 30MHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.



8.2.2 Part 2: Testing Range of “30 MHz to 1 GHz”

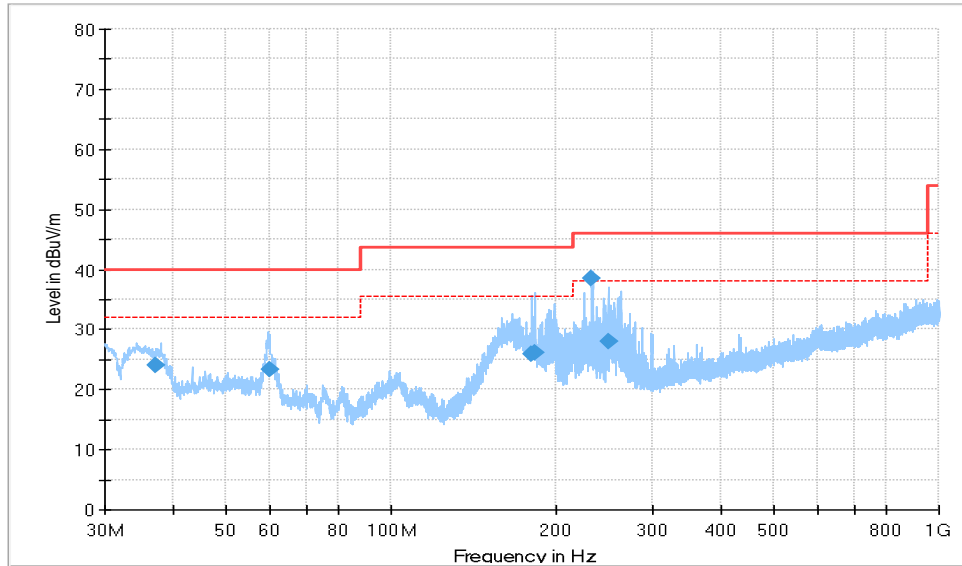
Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



Worst case CH_2402_Ant1- BLE_2M

Full Spectrum



MEASUREMENT RESULT: QP Detector

| Frequency MHz | Level dB μ V/m | Transd dB | Limit dB μ V/m | Margin dB | Height cm | Azimuth deg | Polarisation |
|------------------|-----------------------|--------------|-----------------------|--------------|--------------|----------------|--------------|
| 37.271840 | 24.01 | 18.3 | 40.00 | 15.99 | 101.0 | 194.0 | V |
| 59.913700 | 23.36 | 19.3 | 40.00 | 16.64 | 190.0 | 31.0 | V |
| 180.606640 | 25.93 | 16.3 | 43.50 | 17.57 | 101.0 | 343.0 | H |
| 182.572420 | 26.21 | 16.6 | 43.50 | 17.29 | 140.0 | 68.0 | H |
| 232.570920 | 38.40 | 19.1 | 46.00 | 7.60 | 100.0 | 83.0 | H |
| 249.478280 | 27.95 | 19.7 | 46.00 | 18.05 | 189.0 | 229.0 | H |

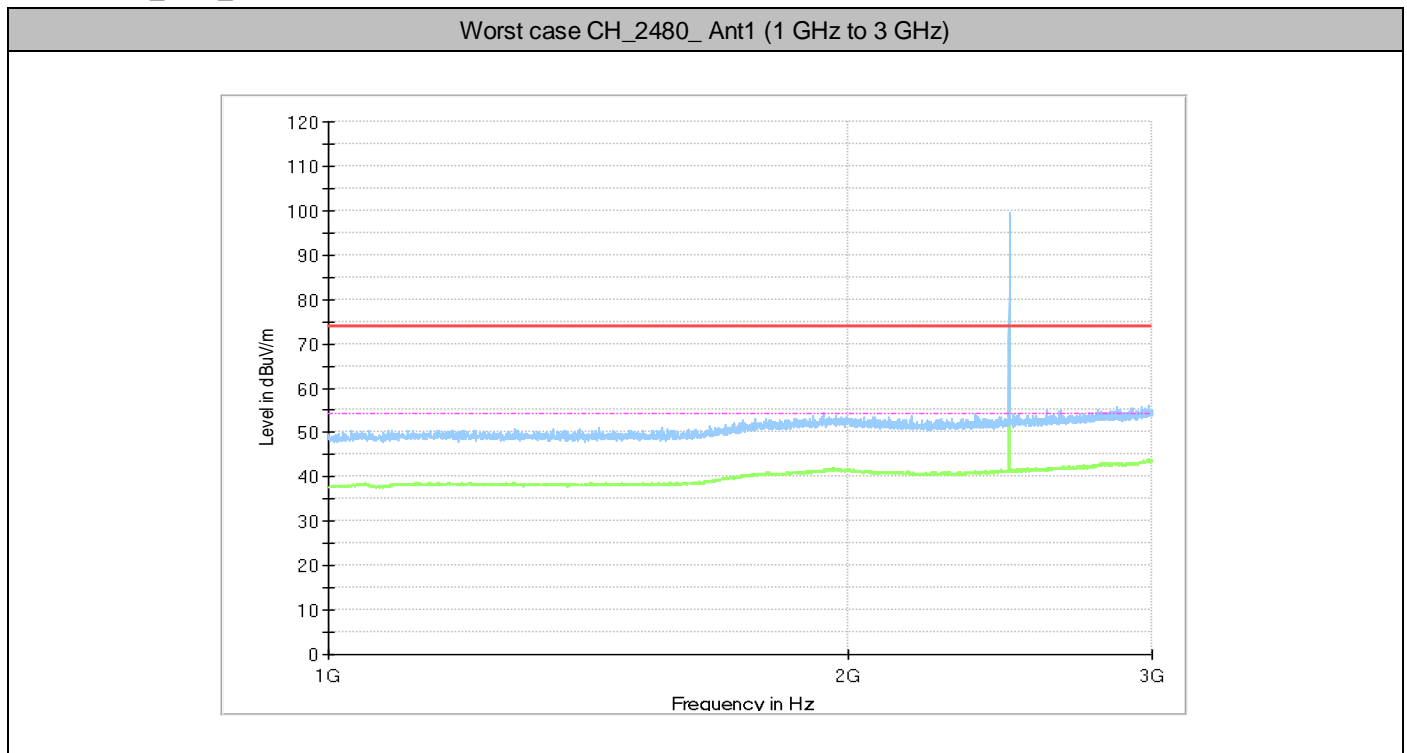
8.2.3 Part 3: Testing Range of “1 GHz to 3 GHz”

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.

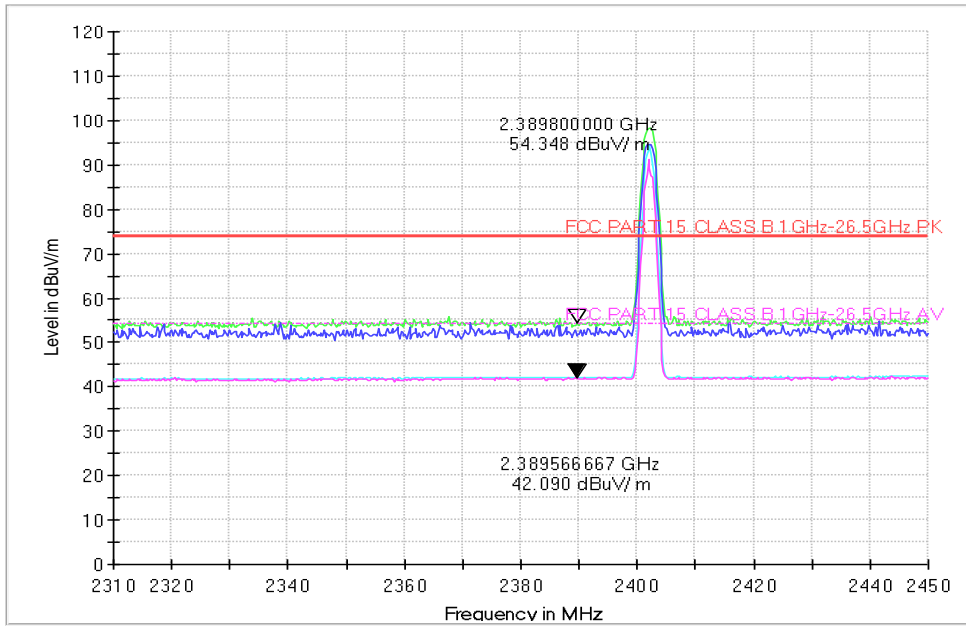
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

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

8.2.3.1 TM1_BLE_1M



CH_2402_ Ant1 (Band Edge)



CH_2480_ Ant1 (Band Edge)

