

# Test Report

HELEM2501000014-2 v1.0



## INTENTIONAL RADIATOR TESTS ACCORDING TO FCC PART 95 I REQUIREMENTS

Equipment Under Test: WSI Module

Trademark: GE HealthCare

Model: WSI01

Type: -

Customer / Manufacturer: GE Healthcare Finland Oy  
Kuortaneenkatu 2  
FI-00510, Helsinki  
Finland

FCC Rule Part: Part 95 Subpart I

KDB: 550599 D01 Medical Body Area Network v01r01

Date: 16 April 2025

Issued by:   
Henri Mäki  
Testing Engineer

Date: 16 April 2025

Checked by:   
Rauno Repo  
Senior EMC Specialist

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**GENERAL REMARKS****Disclaimer**

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*Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.*

**RELEASE HISTORY**

| Version | Changes         | Issued        |
|---------|-----------------|---------------|
| 1.0     | Initial release | 16 April 2025 |

## PRODUCT DESCRIPTION

### Equipment Under Test

Trademark: GE HealthCare  
Model: WSI01  
Type: -  
Serial number: WSI4R-24240172  
Hardware version: MWS rev. 4 (mass production equivalent)  
Firmware version: wsi-module-hw20-mfg\_0.0.217-97.7.20ea881  
Software version: N/A  
FCC ID: 2AO8L-WSI01  
IC: 25821-WSI01

### General Description

The WSI module is a GEHC radio product that enables a host device to communicate with GEHC wireless sensors. The operation utilizes GEHC's proprietary MBAN radio technology for patient data transfer and NFC radio technology for device pairing.

### Classification

Fixed device ☐  
Mobile Device (Human body distance > 20cm) ☐  
Portable Device (Human body distance < 20cm) ☒

### Samples and Modifications

| No. | Name  | Description   |
|-----|-------|---------------|
| 1   | WSI01 | Normal sample |

### Specifications

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Operating frequency range: | 2392.8 – 2398.0                                                     |
| Number of channels:        | 3                                                                   |
| Channel separation:        | 2.6 MHz                                                             |
| Nominal channel bandwidth: | 2 MHz                                                               |
| Modulation:                | GFSK                                                                |
| Antenna type and gain:     | Pulse W3494<br>Antenna port 0: 3.98 dBi<br>Antenna port 1: 2.09 dBi |
| EUT dimensions:            | 22 x 30 x 2.4 mm (PCIe M.2 2230)                                    |
| Power requirements:        | 3.3 VDC ± 5 %                                                       |

## Ports and Cables

| Port / Cable | Description                      |
|--------------|----------------------------------|
| USB          | M.2 adapter card to Raspberry Pi |

## Peripherals

| Peripheral      | Description                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|
| WSI host device | Raspberry Pi 5, used to command the EUT                                                                                     |
| M.2 adapter     | GEHC Raspberry Pi Hat for WSI M.2 Module rev. 1, used for enabling the M.2 E-key interface between Raspberry Pi and the EUT |

The peripherals were provided by the customer.

## SUMMARY OF TESTING

| Test Specification  | Description of Test                                | Result |
|---------------------|----------------------------------------------------|--------|
| §95.2565(b)         | Frequency Stability                                | PASS   |
| §95.2573(e)         | Emission Bandwidth                                 | PASS   |
| §95.2567(f)         | Equivalent Isotropically Radiated Power            | PASS   |
| §95.2579(f)         | Unwanted Emissions 2357.5 – 2402.5 MHz (conducted) | PASS   |
| §95.2579(a)(5), (f) | Unwanted Emissions 30 MHz – 25 GHz (radiated)      | PASS   |

The decision rule applied for the tests results stated in this test report is according to the requirements of section 1.3 of ANSI C63.26-2015.

### EUT Test Conditions during Testing

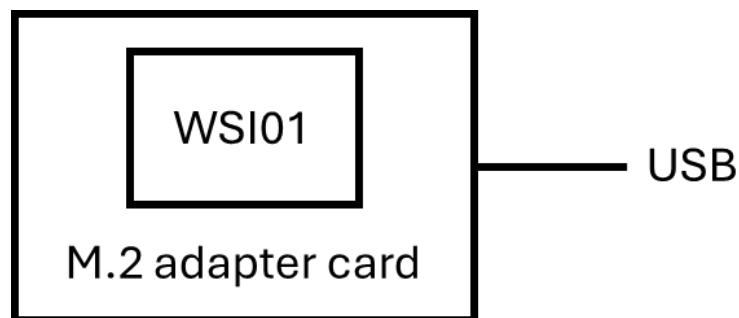
The EUT was powered and controlled from a Raspberry Pi host device via an M.2 adapter card. The MBAN test mode SW was used to command the MBAN radio.

Conducted RF tests were performed with a spectrum analyzer. The EUT was connected to the analyzer with a coaxial cable and an attenuator.

During radiated tests the EUT was connected to the antenna (Pulse W3494) provided by the customer. Antenna port 1 was used for radiated measurements. The NFC radio was transmitting at 13.56 MHz.

**Table 1:** Test frequencies

| Channel     | Frequency [MHz] |
|-------------|-----------------|
| Bottom (12) | 2392.8          |
| Top (14)    | 2398.0          |



**Figure 1:** Test setup block diagram

**Test Facility**

|                                                                                                            |                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Testing Laboratory / address:<br>FCC designation number: <b>FI0002</b><br>ISED CAB identifier: <b>T004</b> | SGS Fimko Ltd<br>Takomotie 8<br>FI-00380, HELSINKI<br>FINLAND                                                                                                                                                     |
| Test Site:                                                                                                 | <input type="checkbox"/> K10LAB, ISED Canada registration number: <b>8708A-1</b><br><input checked="" type="checkbox"/> K5LAB, ISED Canada registration number: <b>8708A-2</b><br><input type="checkbox"/> T10LAB |

## TEST RESULTS

## Frequency Stability

**Standard:** KDB 550599 D01 v01r01 clause III) A) 1)  
**Tested by:** HEM  
**Date:** 27 January 2025  
**Temperature:** 23 °C  
**Humidity:** 26 %RH  
**Test result:** **PASS**

## FCC Rule: §95.2565(b)

MedRadio programmer/control transmitters and medical body-worn transmitters must be designed to maintain a frequency stability of  $\pm 100$  ppm of the operating frequency over a temperature range of 0 °C to 55 °C.

## Test results

Manufacturer's specification for operating temperature range is +0...+65 °C.

**Table 2:** Measured frequencies (Antenna port 0, bottom ch.)

| Temperature [°C] | Measured frequency [MHz] |             |             |             |
|------------------|--------------------------|-------------|-------------|-------------|
|                  | Startup                  | 2 min       | 5 min       | 10 min      |
| +0               | 2392.813860              | 2392.813860 | 2392.813860 | 2392.813860 |
| +10              | 2392.810040              | 2392.809080 | 2392.809080 | 2392.809080 |
| +20              | 2392.803350              | 2392.801910 | 2392.801910 | 2392.801910 |
| +30              | 2392.794740              | 2392.793780 | 2392.793310 | 2392.793310 |
| +40              | 2392.786140              | 2392.785180 | 2392.785180 | 2392.785180 |
| +50              | 2392.779920              | 2392.778490 | 2392.778490 | 2392.778490 |
| +55              | 2392.777050              | 2392.776570 | 2392.776570 | 2392.776570 |
| +65              | 2392.775140              | 2392.775140 | 2392.775140 | 2392.775140 |

**Table 3:** Measured frequencies (Antenna port 0, top ch.)

| Temperature [°C] | Measured frequency [MHz] |             |             |             |
|------------------|--------------------------|-------------|-------------|-------------|
|                  | Startup                  | 2 min       | 5 min       | 10 min      |
| +0               | 2398.013890              | 2398.014370 | 2398.014370 | 2398.014370 |
| +10              | 2398.010060              | 2398.010540 | 2398.010540 | 2398.010540 |
| +20              | 2398.001920              | 2398.002870 | 2398.002870 | 2398.002870 |
| +30              | 2397.994730              | 2397.995210 | 2397.995210 | 2397.995210 |
| +40              | 2397.986110              | 2397.987060 | 2397.987060 | 2397.987060 |
| +50              | 2397.979400              | 2397.979880 | 2397.979880 | 2397.979880 |
| +55              | 2397.976520              | 2397.977480 | 2397.977480 | 2397.977480 |
| +65              | 2397.975090              | 2397.975090 | 2397.975090 | 2397.975090 |

## Frequency Stability

**Table 4:** Frequency stability (Antenna port 0, bottom ch.)

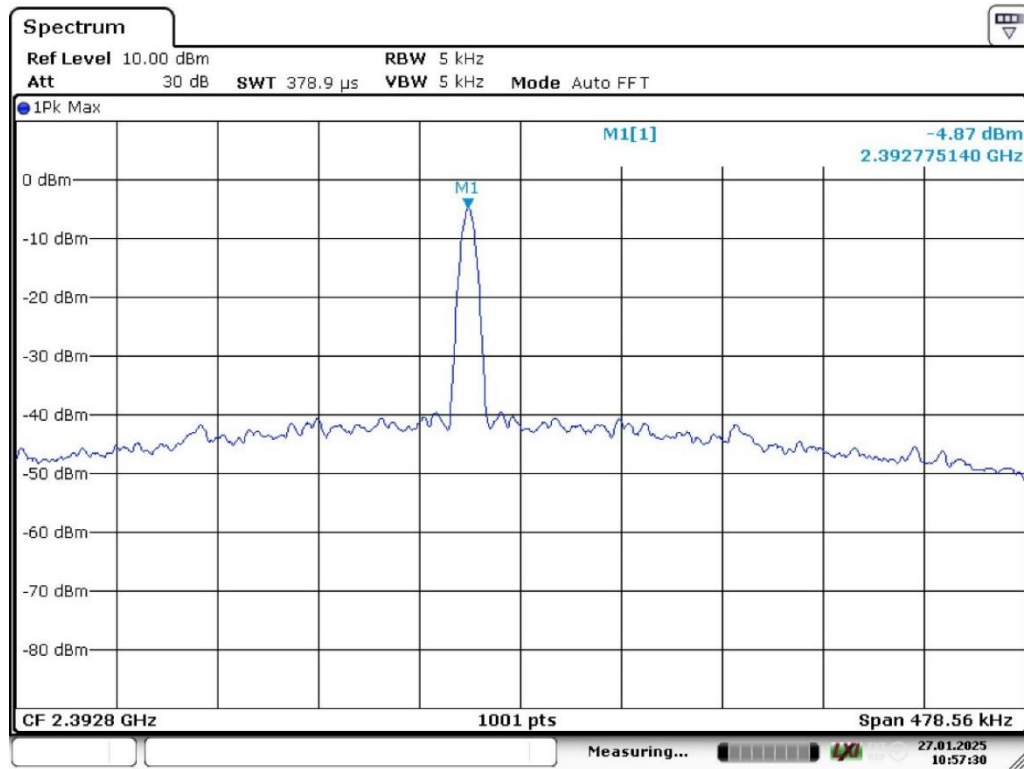
| Temperature [°C] | Frequency Stability [ppm] |       |       |        |
|------------------|---------------------------|-------|-------|--------|
|                  | Startup                   | 2 min | 5 min | 10 min |
| +0               | 5.8                       | 5.8   | 5.8   | 5.8    |
| +10              | 4.2                       | 3.8   | 3.8   | 3.8    |
| +20              | 1.4                       | 0.8   | 0.8   | 0.8    |
| +30              | -2.2                      | -2.6  | -2.8  | -2.8   |
| +40              | -5.8                      | -6.2  | -6.2  | -6.2   |
| +50              | -8.4                      | -9.0  | -9.0  | -9.0   |
| +55              | -9.6                      | -9.8  | -9.8  | -9.8   |
| +65              | -10.4                     | -10.4 | -10.4 | -10.4  |

**Table 5:** Frequency stability (Antenna port 0, top ch.)

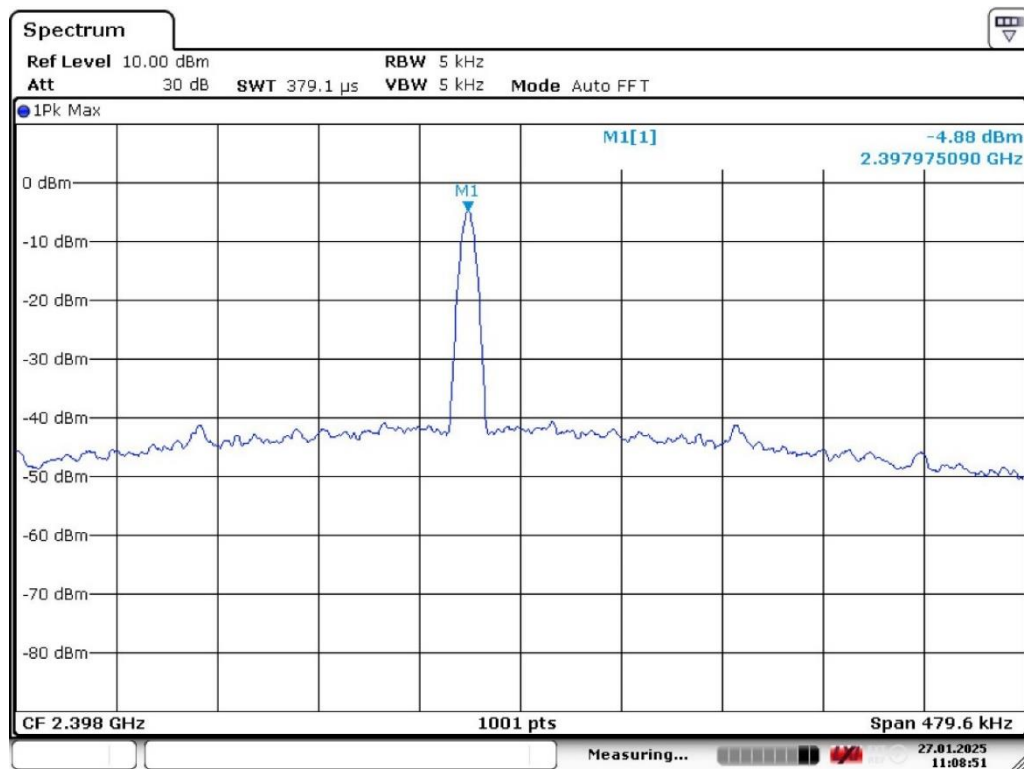
| Temperature [°C] | Frequency Stability [ppm] |       |       |        |
|------------------|---------------------------|-------|-------|--------|
|                  | Startup                   | 2 min | 5 min | 10 min |
| +0               | 5.8                       | 6.0   | 6.0   | 6.0    |
| +10              | 4.2                       | 4.4   | 4.4   | 4.4    |
| +20              | 0.8                       | 1.2   | 1.2   | 1.2    |
| +30              | -2.2                      | -2.0  | -2.0  | -2.0   |
| +40              | -5.8                      | -5.4  | -5.4  | -5.4   |
| +50              | -8.6                      | -8.4  | -8.4  | -8.4   |
| +55              | -9.8                      | -9.4  | -9.4  | -9.4   |
| +65              | -10.4                     | -10.4 | -10.4 | -10.4  |

The spectrum analyzer figures with the worst-case results are presented.

## Frequency Stability



**Figure 2:** Frequency stability (Antenna port 0, bottom ch., +65 °C, 10 min after startup)



**Figure 3:** Frequency stability (Antenna port 0, top ch., +65 °C, 10 min after startup)

## Emission Bandwidth

**Standard:** ANSI C63.26-2015 clause 5.4.3  
**Tested by:** HEM  
**Date:** 27 January 2025  
**Temperature:** 23 °C  
**Humidity:** 26 %RH  
**Test result:** **PASS**

**FCC Rule:** §95.2573(e)

For MedRadio transmitters operating in the 2360-2400 MHz band, the maximum emission bandwidth is 5 MHz.

## Test results

**Table 6:** Emission Bandwidth

| Antenna Port | Channel | EBW [MHz] | Limit [MHz] | Result      |
|--------------|---------|-----------|-------------|-------------|
| 0            | Bottom  | 2.408     | 5           | <b>PASS</b> |
|              | Top     | 2.408     |             | <b>PASS</b> |
| 1            | Bottom  | 2.408     |             | <b>PASS</b> |
|              | Top     | 2.408     |             | <b>PASS</b> |

## Emission Bandwidth

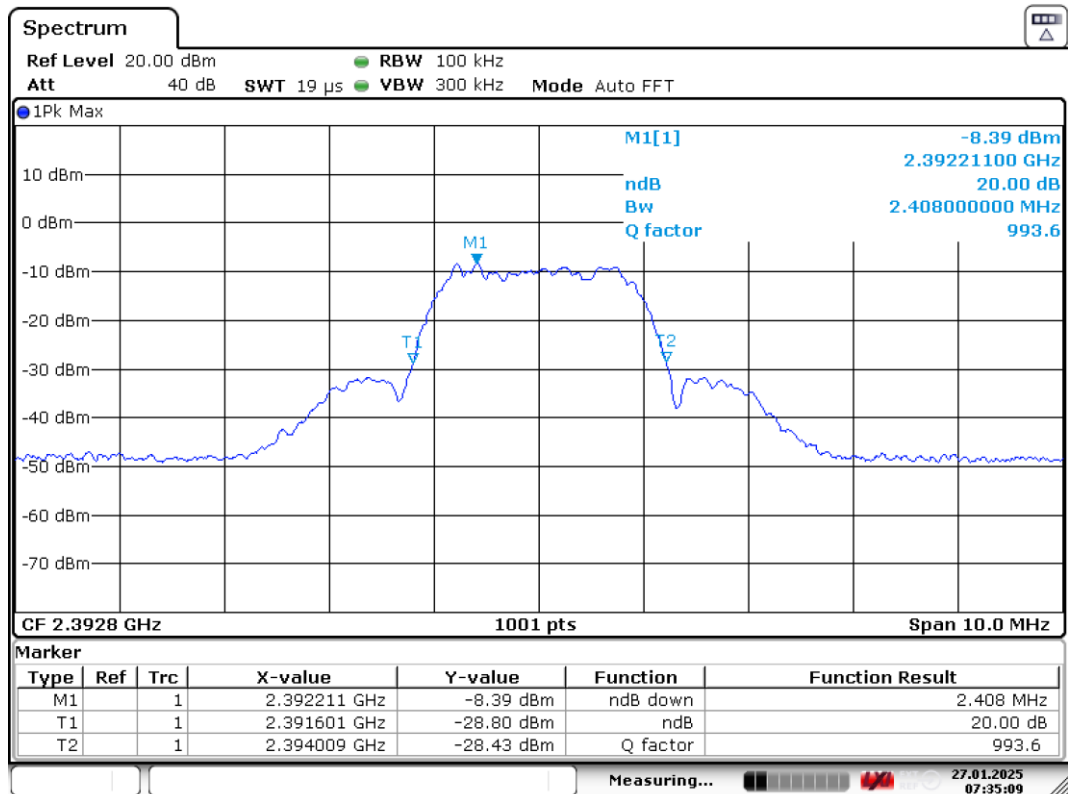


Figure 4: Emission Bandwidth (Antenna port 0, bottom ch.)

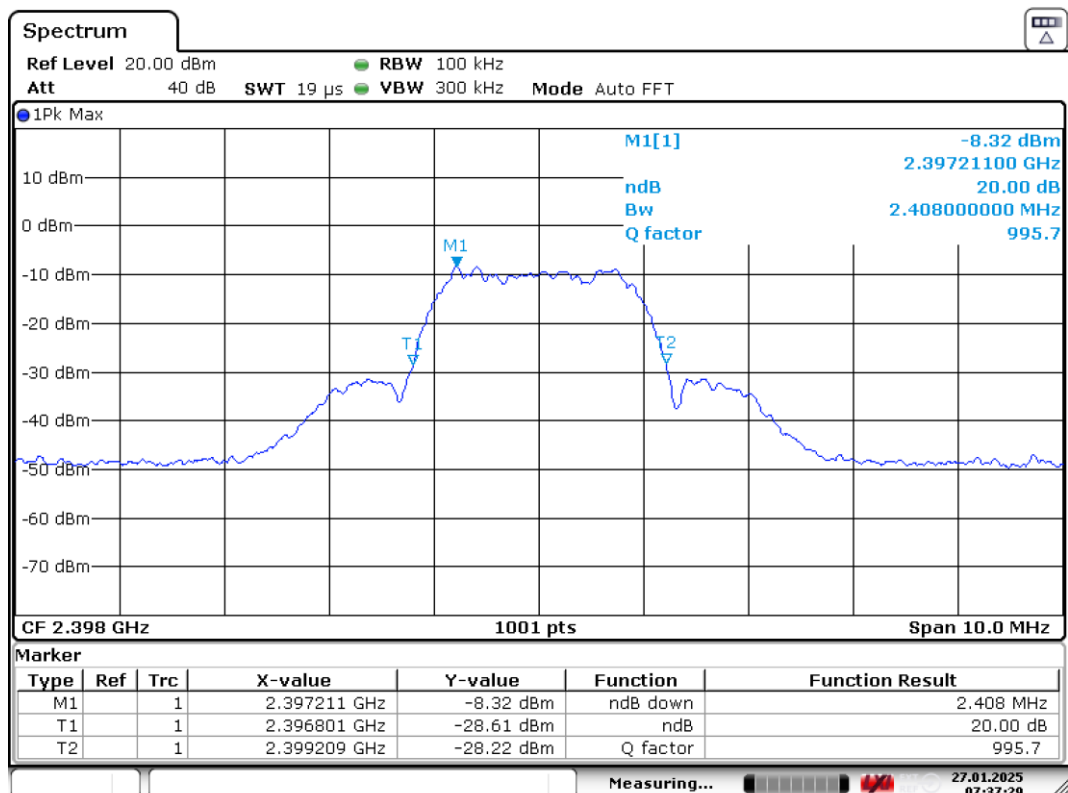


Figure 5: Emission Bandwidth (Antenna port 0, top ch.)

## Emission Bandwidth

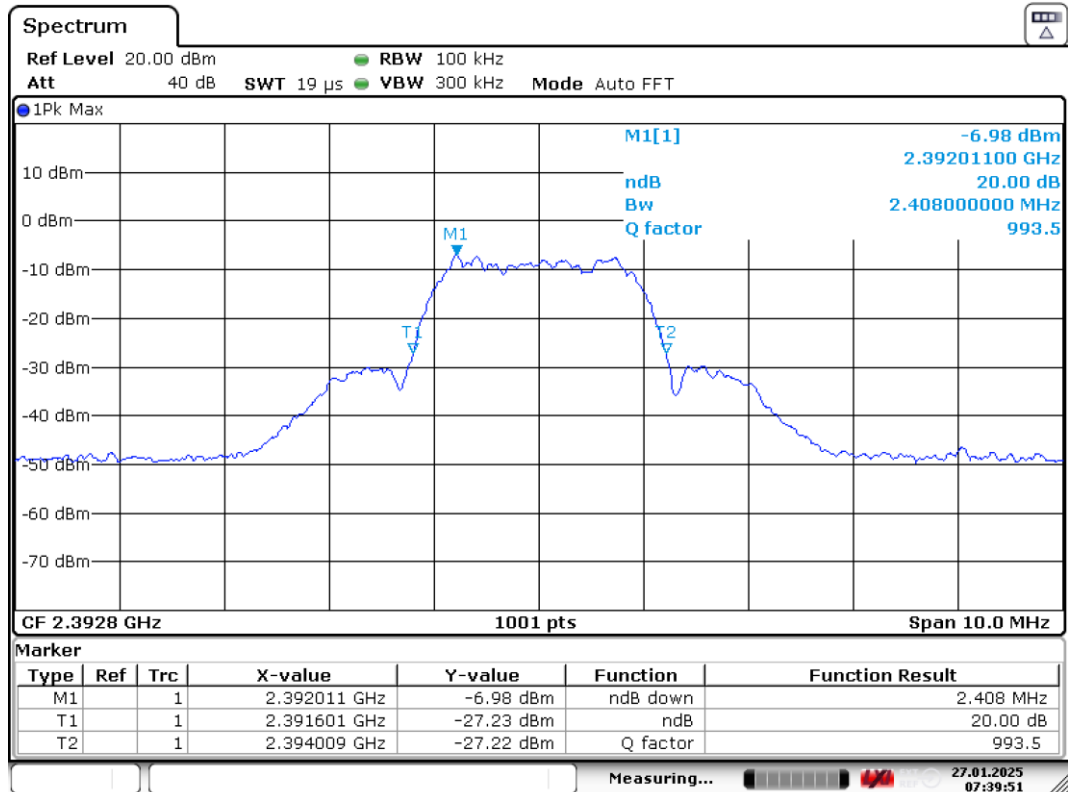


Figure 6: Emission Bandwidth (Antenna port 1, bottom ch.)

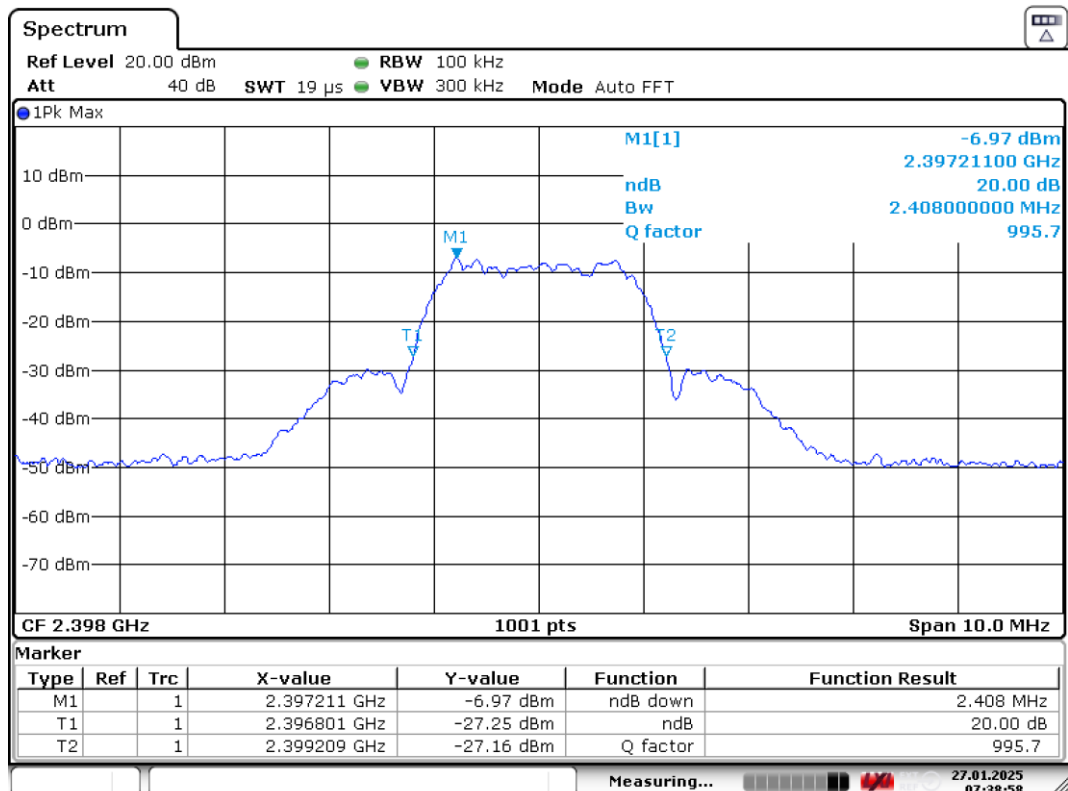


Figure 7: Emission Bandwidth (Antenna port 1, top ch.)

**Equivalent Isotropically Radiated Power****Equivalent Isotropically Radiated Power**

**Standard:** ANSI C63.26-2015 clause 5.2.3.3  
**Tested by:** HEM  
**Date:** 27 January 2025  
**Temperature:** 23 °C  
**Humidity:** 26 %RH  
**Test result:** **PASS**

**FCC Rule: §95.2567(f)**

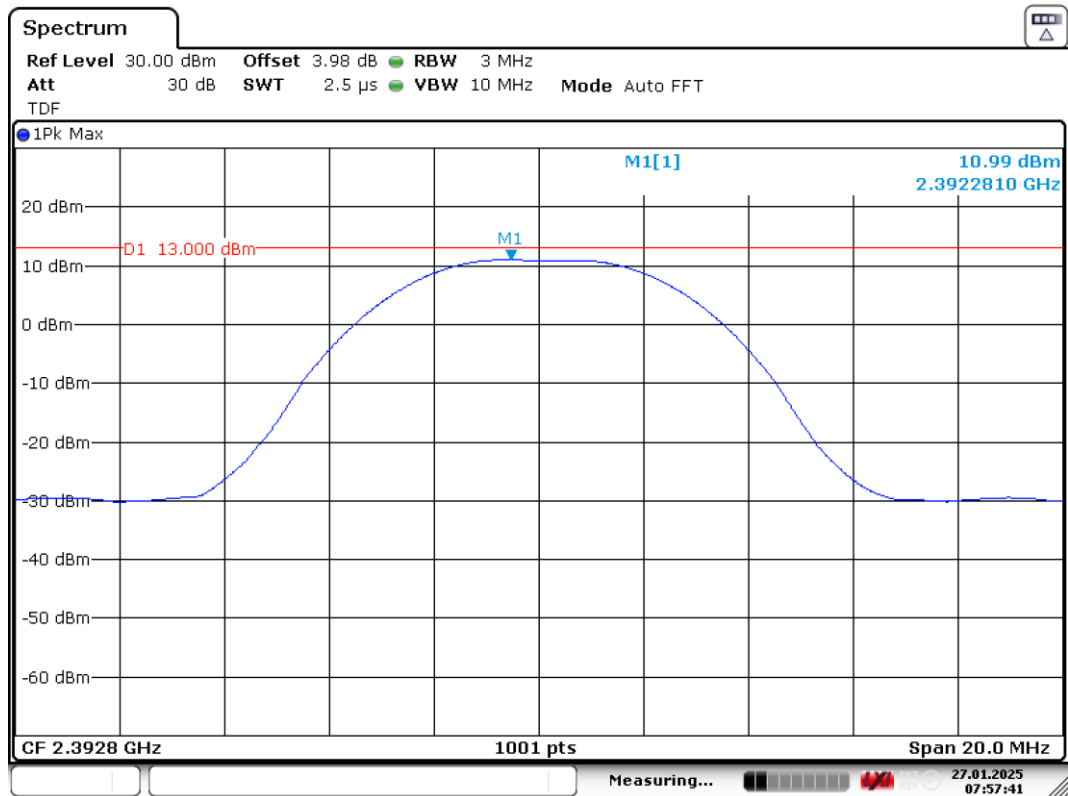
For MedRadio transmitters operating in the 2390-2400 MHz band, the equivalent isotropically radiated power (EIRP) over the bands of operation must not exceed the lesser of 13 dBm (20 mW) or  $16 + 10 \log (B)$  dBm, where B is the 20 dB emission bandwidth in megahertz.

**Test results****Table 7:** Equivalent Isotropically Radiated Power

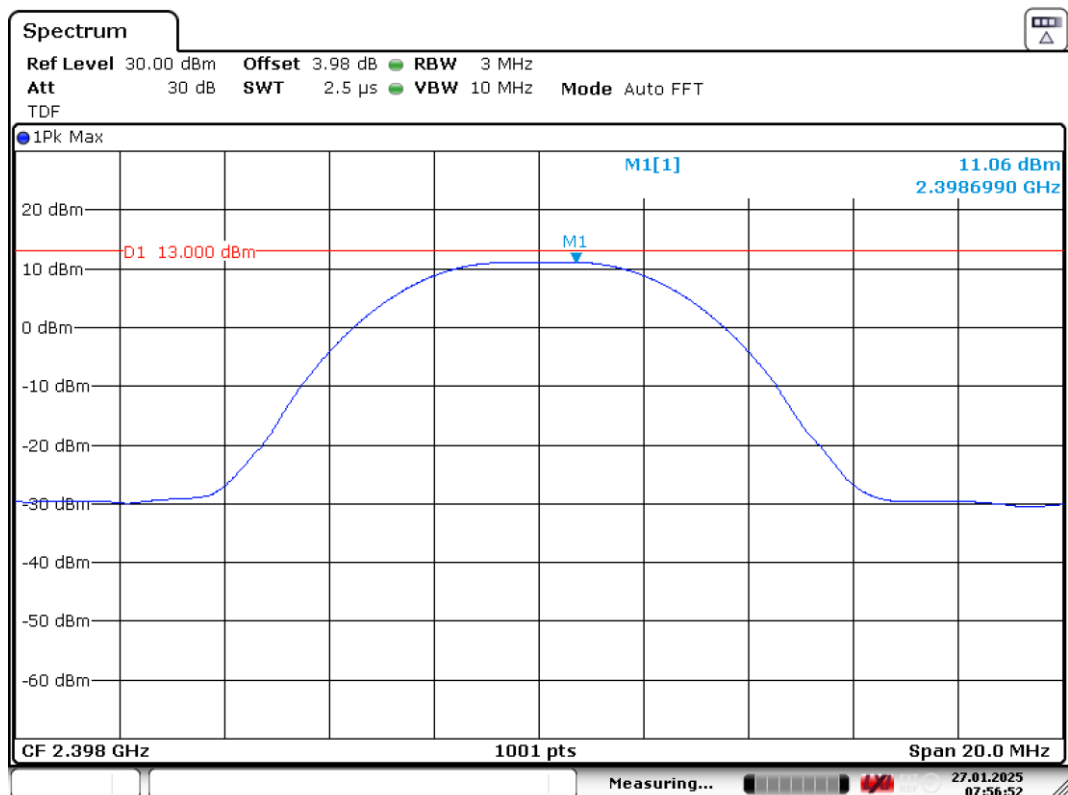
| Antenna Port | Channel | EIRP [dBm] | Limit [dBm] | Result      |
|--------------|---------|------------|-------------|-------------|
| 0            | Bottom  | 10.99      | 13.00       | <b>PASS</b> |
|              | Top     | 11.06      |             | <b>PASS</b> |
| 1            | Bottom  | 10.47      |             | <b>PASS</b> |
|              | Top     | 10.52      |             | <b>PASS</b> |

Note: The spectrum analyzer figures include the antenna gain in dBi as an offset (3.98 or 2.09 dB).

## Equivalent Isotropically Radiated Power

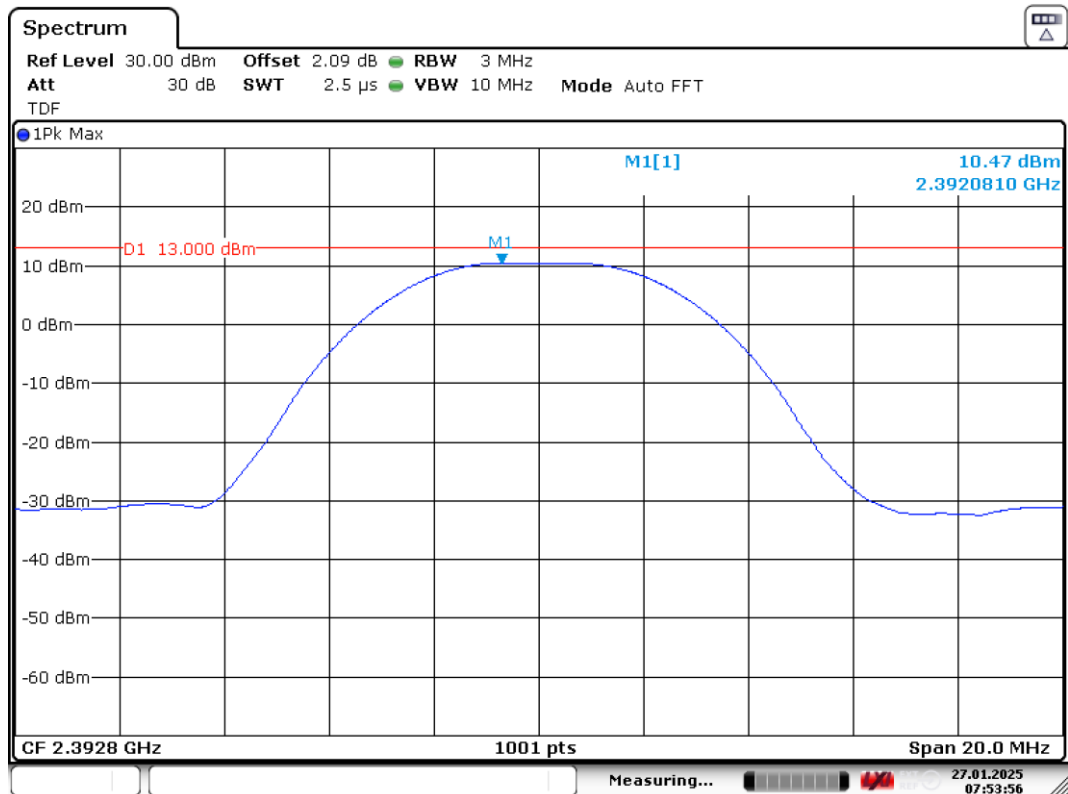


**Figure 8:** Equivalent Isotropically Radiated Power (Antenna port 0, bottom ch.)

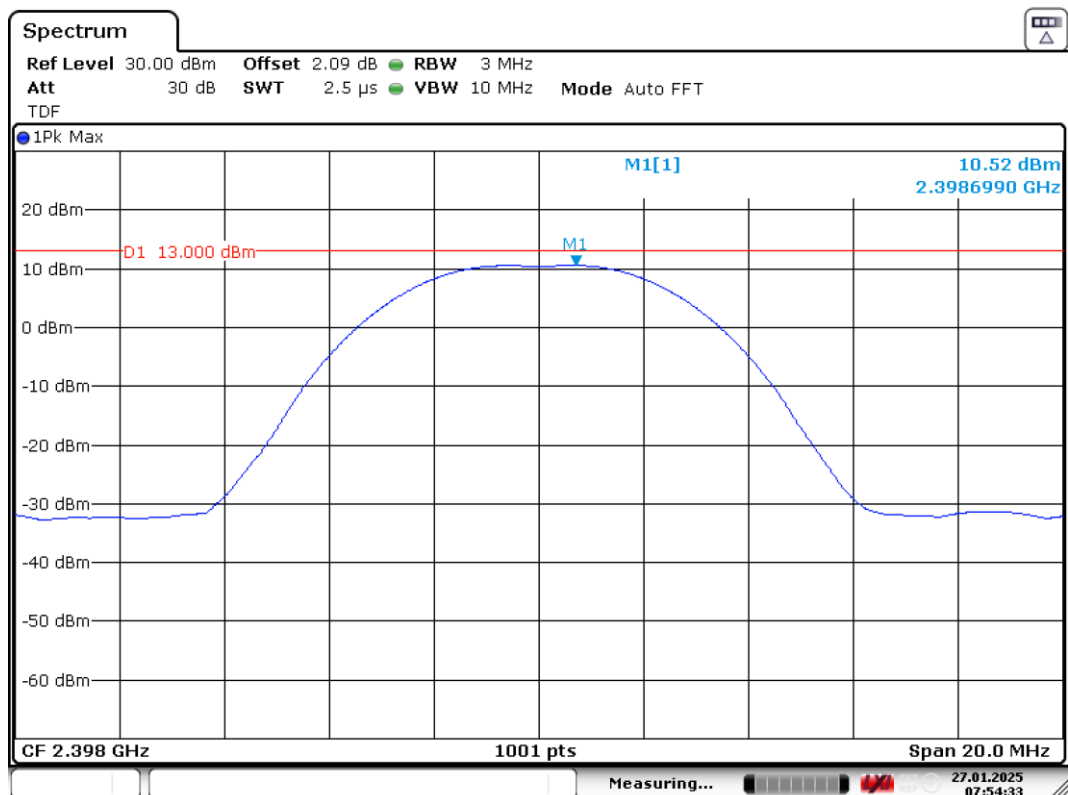


**Figure 9:** Equivalent Isotropically Radiated Power (Antenna port 0, top ch.)

## Equivalent Isotropically Radiated Power



**Figure 10:** Equivalent Isotropically Radiated Power (Antenna port 1, bottom ch.)



**Figure 11:** Equivalent Isotropically Radiated Power (Antenna port 1, top ch.)

**Unwanted Emissions 2357.5 – 2402.5 MHz (conducted)****Unwanted Emissions 2357.5 – 2402.5 MHz (conducted)**

**Standard:** ANSI C63.26-2015 clause 5.7  
**Tested by:** HEM  
**Date:** 27 January 2025  
**Temperature:** 23 °C  
**Humidity:** 26 %RH  
**Test result:** **PASS**

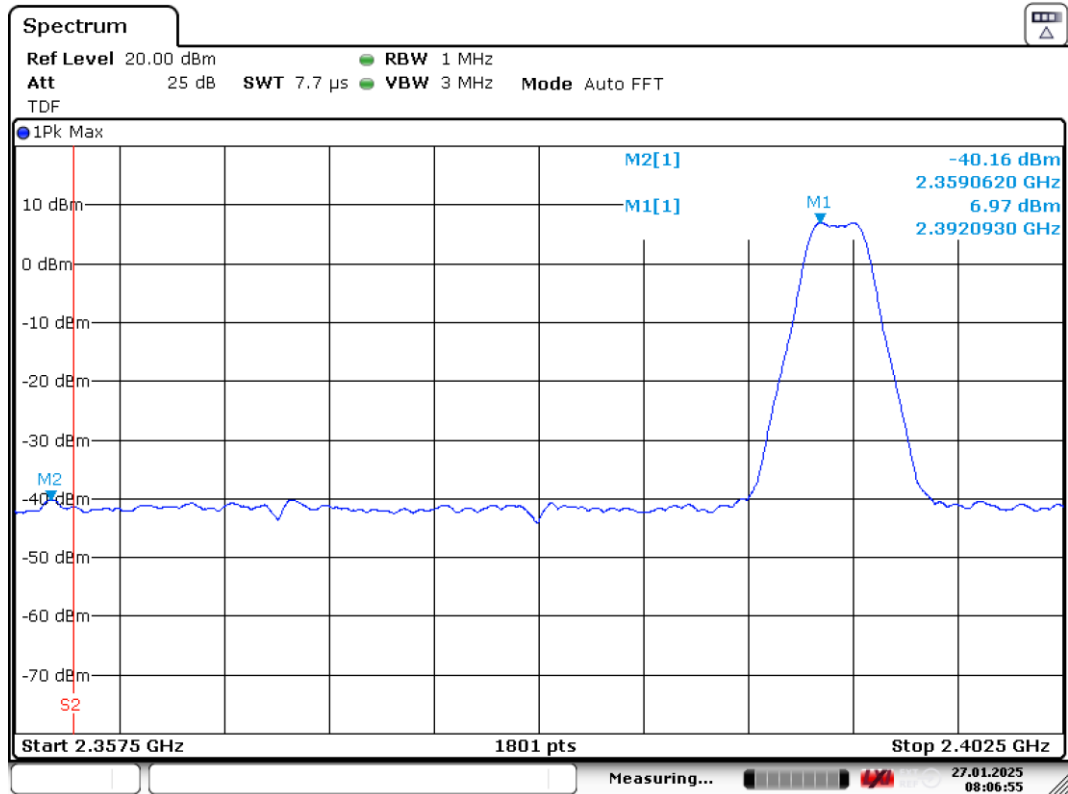
**FCC Rule: §95.2579(f)**

For MedRadio transmitter types designed to operate in the 2360-2400 MHz band: In the first 2.5 megahertz above or below any of the frequency bands authorized for MBAN operation, the EIRP of any unwanted emission must be attenuated within a 1 megahertz bandwidth by at least 20 dB relative to the maximum EIRP within any 1 megahertz bandwidth of the fundamental emission.

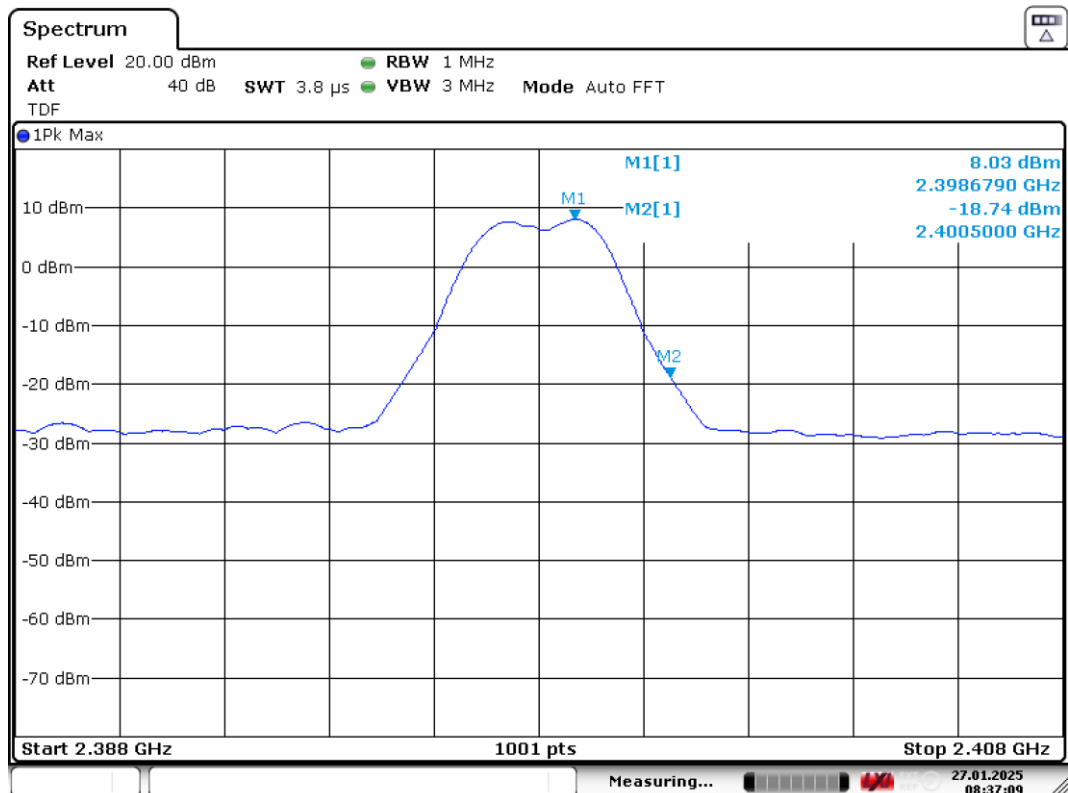
**Test results****Table 8:** Unwanted Emissions 2357.7 – 2402.5 MHz

| Antenna Port | Channel | Attenuation [dB] | Limit [dB] | Result      |
|--------------|---------|------------------|------------|-------------|
| 0            | Bottom  | 47.13            | ≥ 20.00    | <b>PASS</b> |
|              | Top     | 26.77            |            | <b>PASS</b> |
| 1            | Bottom  | 48.92            |            | <b>PASS</b> |
|              | Top     | 26.06            |            | <b>PASS</b> |

## Unwanted Emissions 2357.5 – 2402.5 MHz (conducted)

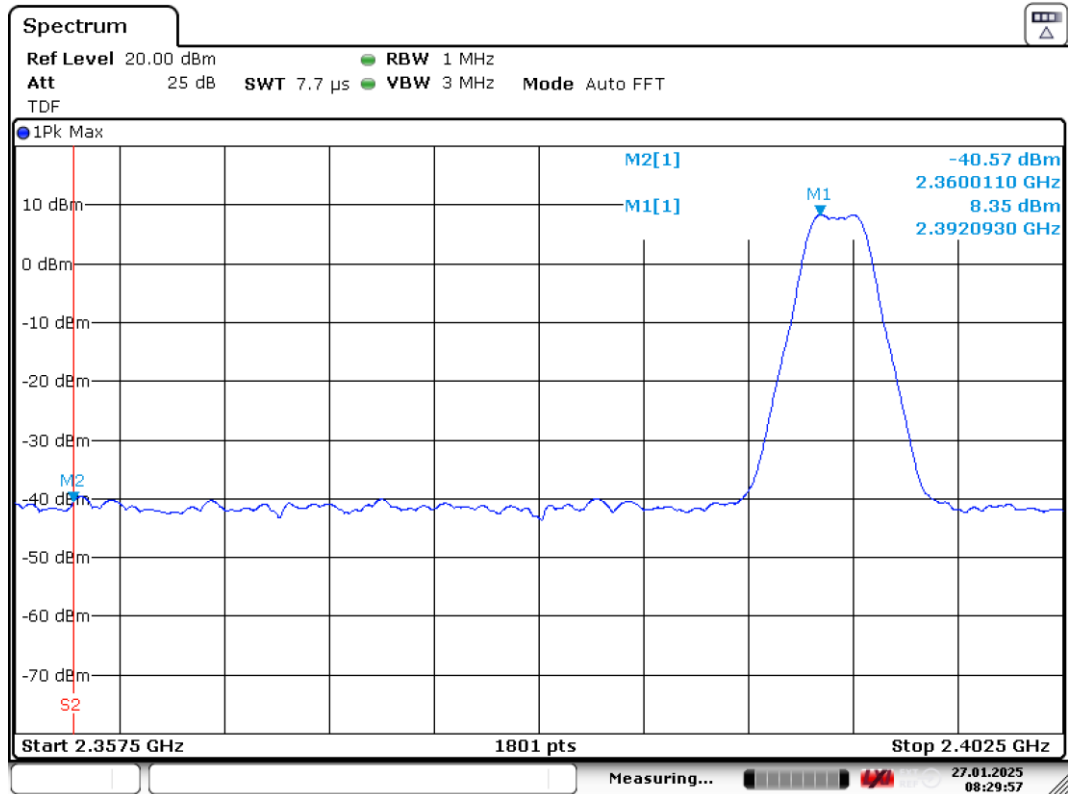


**Figure 12:** Lower band-edge (Antenna port 0, bottom ch.)

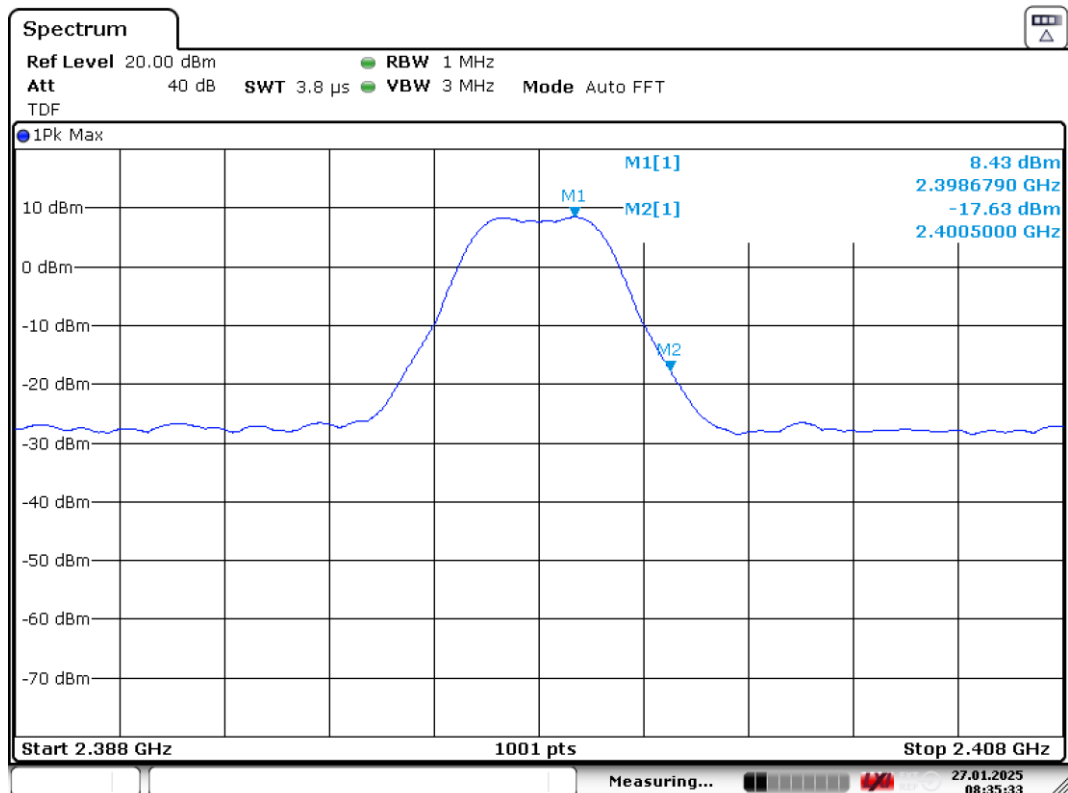


**Figure 13:** Upper band-edge (Antenna port 0, top ch.)

## Unwanted Emissions 2357.5 – 2402.5 MHz (conducted)



**Figure 14:** Lower band-edge (Antenna port 1, bottom ch.)



**Figure 15:** Upper band-edge (Antenna port 1, top ch.)

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

### Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

|                                 |                                             |                  |                  |
|---------------------------------|---------------------------------------------|------------------|------------------|
| <b>Standard:</b>                | KDB 550599 D01 v01r01 clause V) D) 2)       |                  |                  |
| <b>Tested by:</b>               | HEM, PKA                                    | HEM              | LAS              |
| <b>Date:</b>                    | 6 February 2025                             | 10 February 2025 | 25 February 2025 |
| <b>Temperature:</b>             | 23 °C                                       | 23 °C            | 24 °C            |
| <b>Humidity:</b>                | 25 %RH                                      | 23 %RH           | 35 %RH           |
| <b>Measurement uncertainty:</b> | ± 4.51 dB, level of confidence 95 % (k = 2) |                  |                  |
| <b>Test result:</b>             | <b>PASS</b>                                 |                  |                  |

### FCC Rule: §95.2579(a)(5), (f)

The field strengths of unwanted emissions from each MedRadio transmitter type, measured at a distance of 3 meters, must not exceed the field strength limits shown in the table below for the indicated frequency ranges, if the frequencies of these emissions are more than 2.5 MHz outside of the 2360-2400 MHz band:

| Frequency range [MHz] | Field strength [µV/m] | Field strength [dBµV/m] |
|-----------------------|-----------------------|-------------------------|
| 30 – 88               | 100                   | 40.00                   |
| 88 – 216              | 150                   | 43.52                   |
| 216 – 960             | 200                   | 46.02                   |
| 960 and above         | 500                   | 53.98                   |

At the boundaries between frequency ranges, the tighter limit (lower field strength) applies. Below 1 GHz, field strength is measured using a CISPR quasi-peak detector. Above 1 GHz, field strength is measured using an average detector with a minimum reference bandwidth of 1 MHz.

The radiated tests are performed in a semi-anechoic chamber with a measurement distance of 3 meters. During measurements above 1 GHz absorbers are placed on the floor.

The correction factor (dB/m) in the final result table contains the sum of the transducers (antenna + amplifier + cables). The reported values include the correction factor.

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

### Test results

**Table 9:** Test results with quasi-peak detector

| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Channel |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|------------|---------|
| 40.665000       | 32.02              | 40.00          | 7.98        | 15 x 1000.0     | 120.000         | 100.0       | V   | 355.0         | 17.2       | Top     |
| 40.685000       | 32.75              | 40.00          | 7.25        | 15 x 1000.0     | 120.000         | 100.0       | V   | 16.0          | 17.2       | Bottom  |
| 83.835000       | 10.19              | 40.00          | 29.81       | 15 x 1000.0     | 120.000         | 133.0       | V   | 127.0         | 12.3       | Top     |
| 108.075000      | 10.36              | 43.52          | 33.16       | 15 x 1000.0     | 120.000         | 236.0       | V   | 135.0         | 14.9       | Top     |
| 162.715000      | 16.96              | 43.52          | 26.56       | 15 x 1000.0     | 120.000         | 100.0       | V   | 189.0         | 18.3       | Bottom  |
| 166.445000      | 17.12              | 43.52          | 26.40       | 15 x 1000.0     | 120.000         | 100.0       | V   | 181.0         | 18.1       | Top     |
| 214.015000      | 22.14              | 43.52          | 21.38       | 15 x 1000.0     | 120.000         | 100.0       | V   | 211.0         | 15.5       | Bottom  |
| 214.035000      | 22.90              | 43.52          | 20.62       | 15 x 1000.0     | 120.000         | 100.0       | V   | 220.0         | 15.5       | Top     |
| 257.645000      | 25.02              | 46.02          | 21.00       | 15 x 1000.0     | 120.000         | 133.0       | H   | 235.0         | 17.8       | Bottom  |
| 339.015000      | 26.18              | 46.02          | 19.84       | 15 x 1000.0     | 120.000         | 100.0       | H   | 244.0         | 20.5       | Bottom  |
| 919.845000      | 22.75              | 46.02          | 23.27       | 15 x 1000.0     | 120.000         | 207.0       | H   | 99.0          | 31.8       | Top     |
| 951.405000      | 22.48              | 46.02          | 23.54       | 15 x 1000.0     | 120.000         | 249.0       | V   | 122.0         | 31.9       | Bottom  |

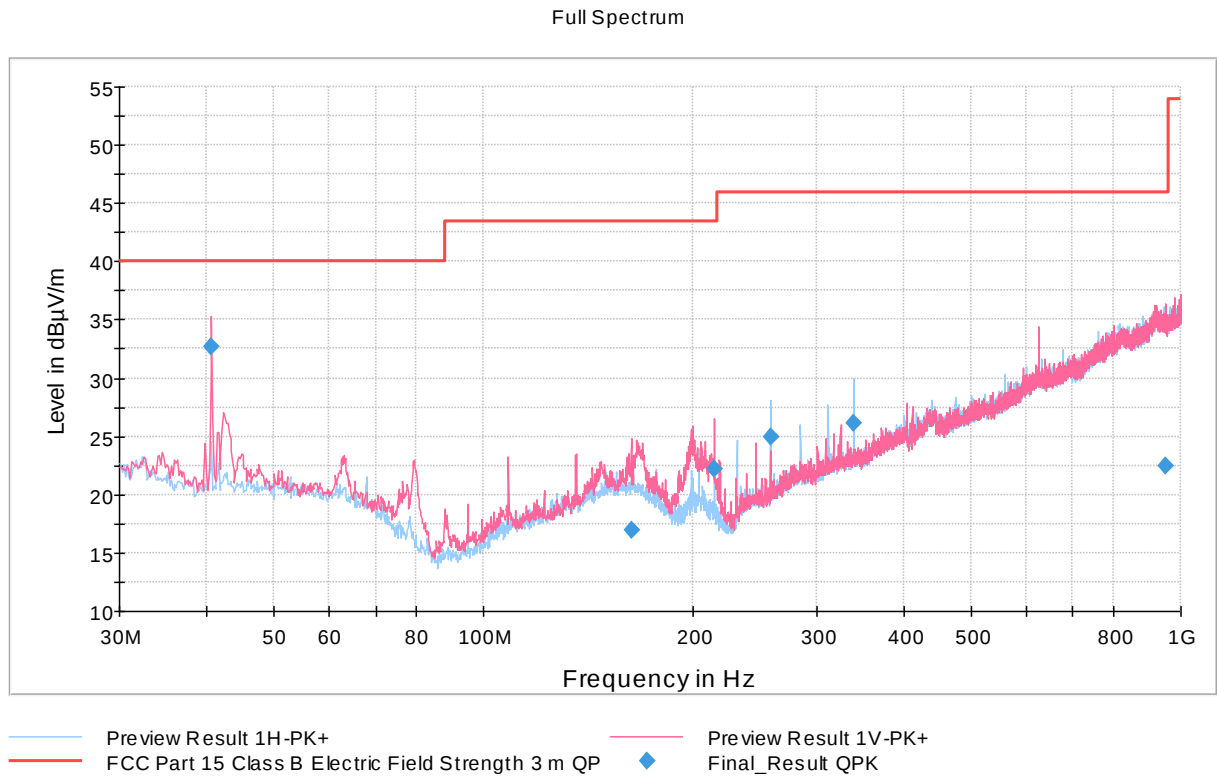
**Table 10:** Test results with average detector

| Frequency (MHz) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Channel |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|---------|
| 17989.600000    | 38.09            | 54.00          | 15.91       | 15 x 1000.0     | 1000.000        | 107.0       | V   | 349.0         | 25.9         | Bottom  |

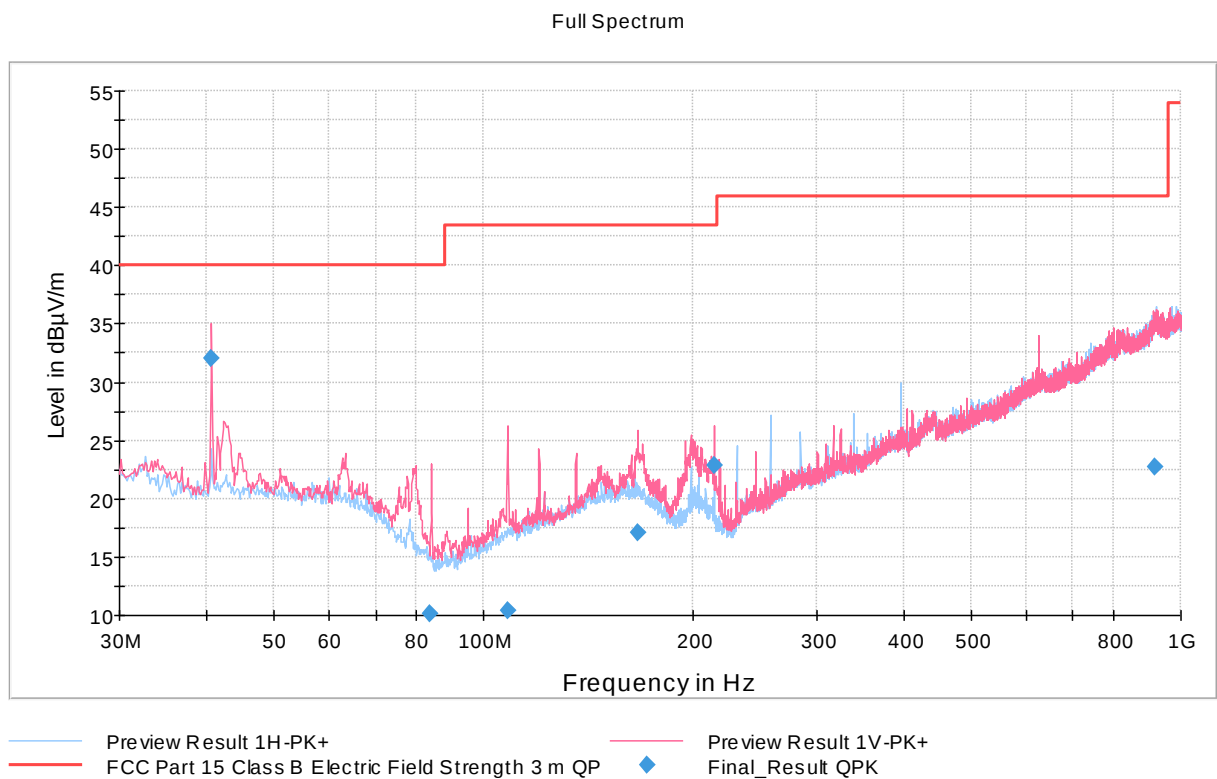
**Table 11:** Test results with peak detector

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Channel |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|---------|
| 2393.450000     | 106.14           | ---            | ---         | 15 x 1000.0     | 1000.000        | 198.0       | H   | 1.0           | 14.3         | Bottom  |
| 2397.400000     | 106.10           | ---            | ---         | 15 x 1000.0     | 1000.000        | 197.0       | H   | 3.0           | 14.3         | Top     |
| 2400.000000     | 83.18            | 86.10          | 2.92        | 15 x 1000.0     | 1000.000        | 222.0       | H   | 5.0           | 14.3         | Top     |
| 17993.500000    | 51.80            | ---            | ---         | 15 x 1000.0     | 1000.000        | 255.0       | V   | 333.0         | 25.9         | Bottom  |

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

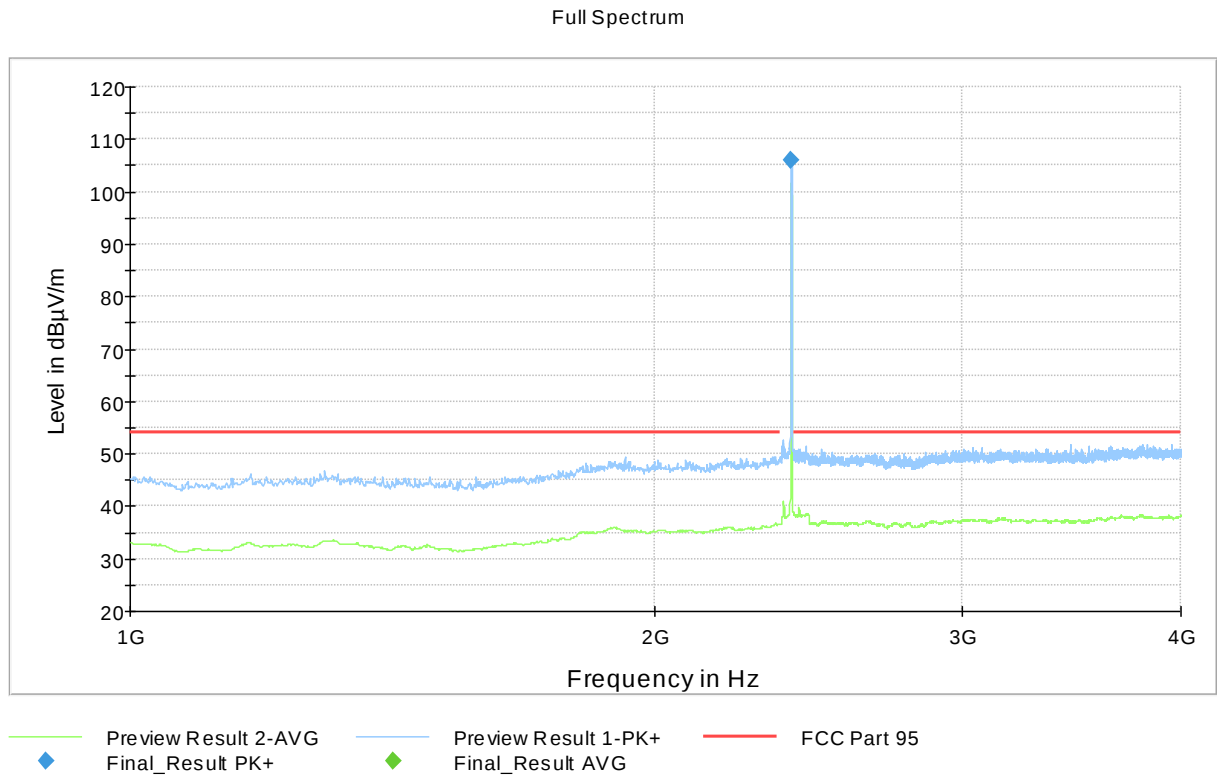


**Figure 16:** Unwanted radiated emissions 30 – 1000 MHz (Antenna port 1, bottom ch.)

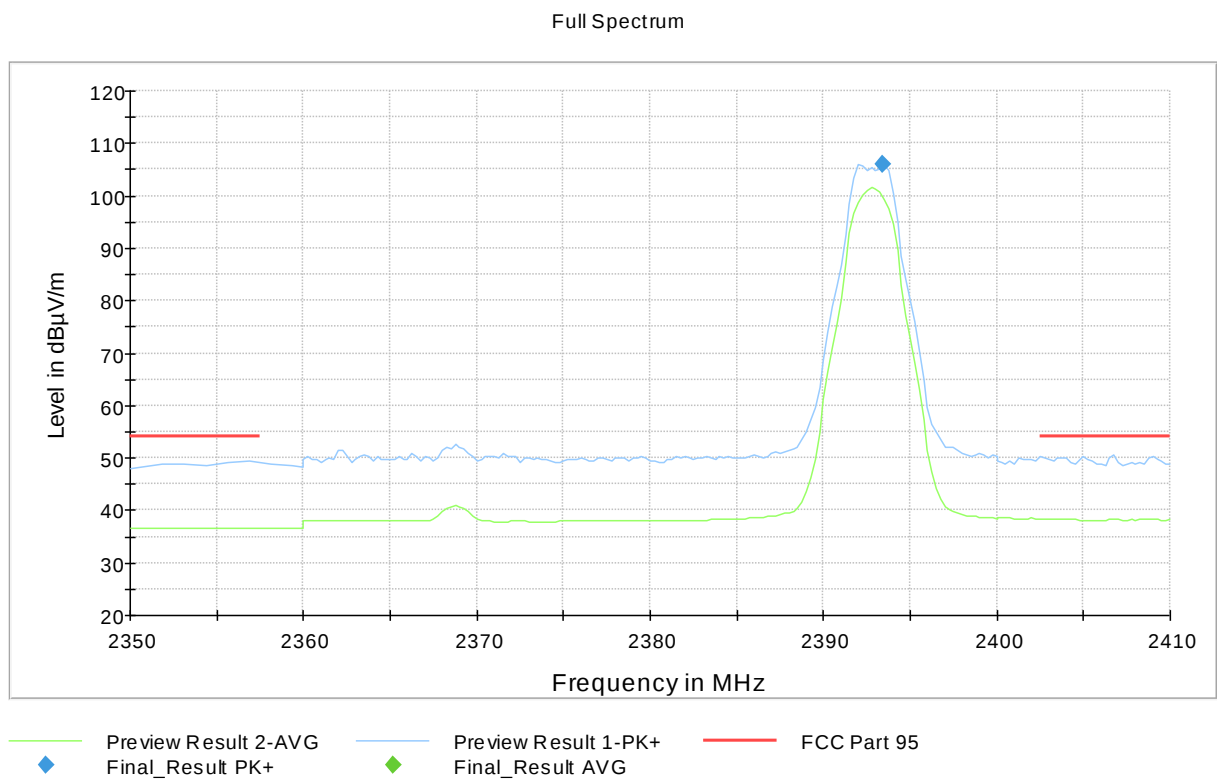


**Figure 17:** Unwanted radiated emissions 30 – 1000 MHz (Antenna port 1, top ch.)

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

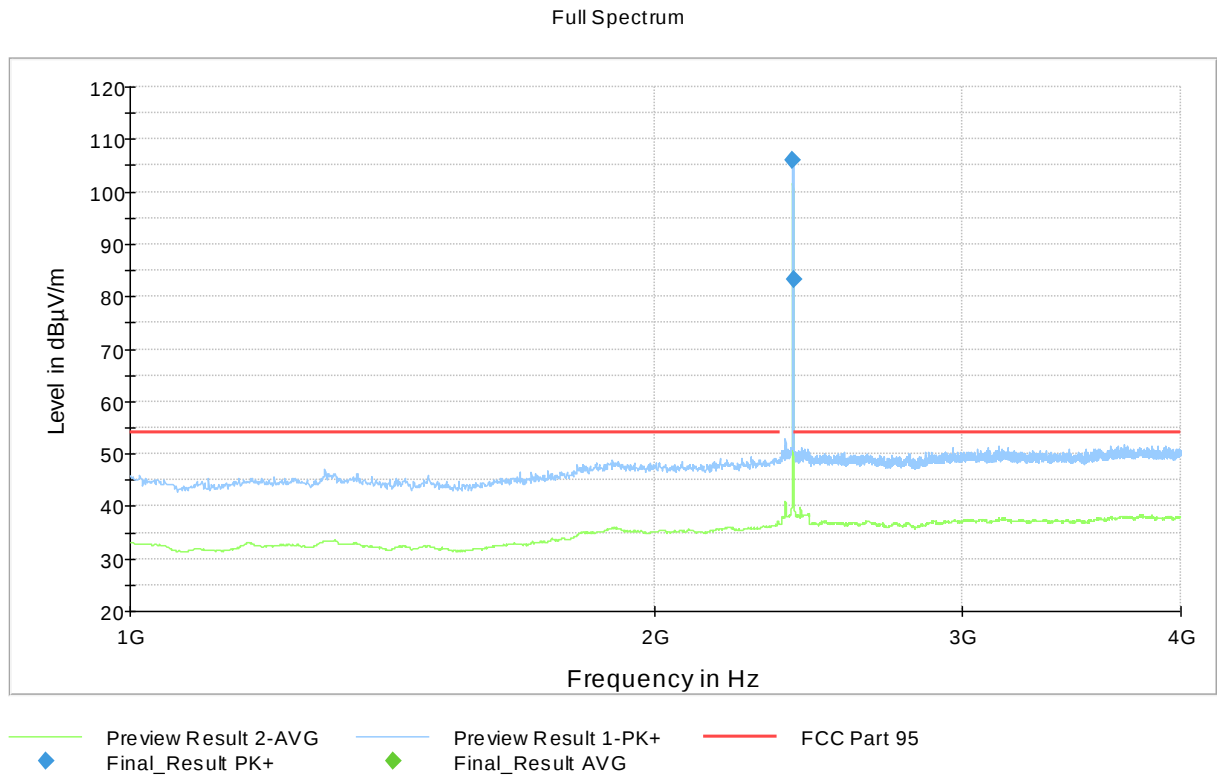


**Figure 18:** Unwanted radiated emissions 1 – 4 GHz (Antenna port 1, bottom ch.)

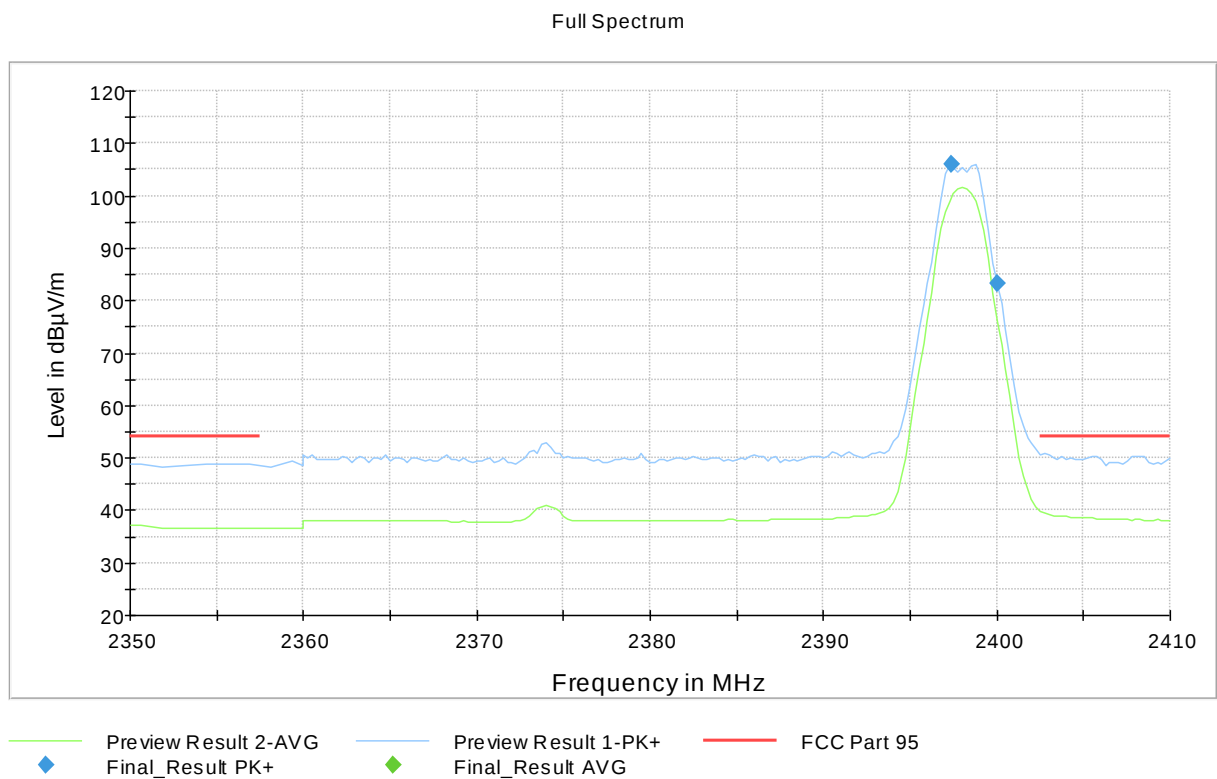


**Figure 19:** Band-edges (Antenna port 1, bottom ch.)

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

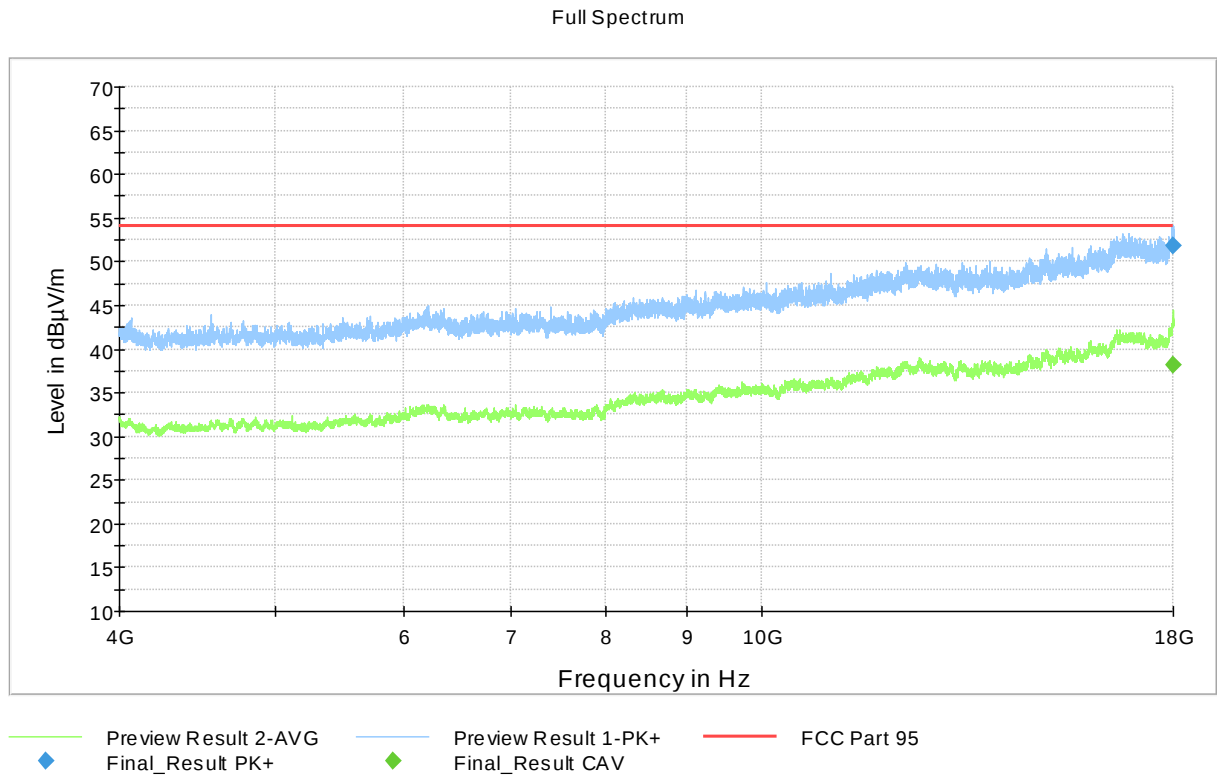


**Figure 20:** Unwanted radiated emissions 1 – 4 GHz (Antenna port 1, top ch.)

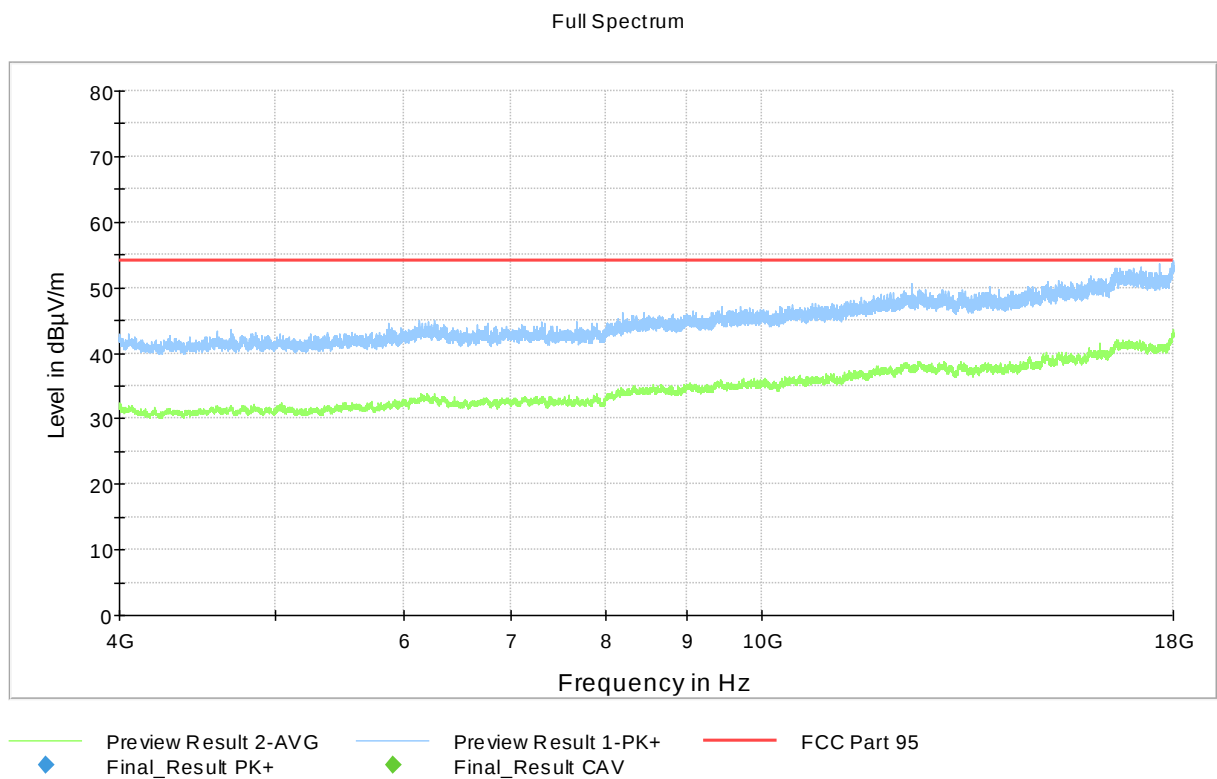


**Figure 21:** Band-edges (Antenna port 1, top ch.)

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)

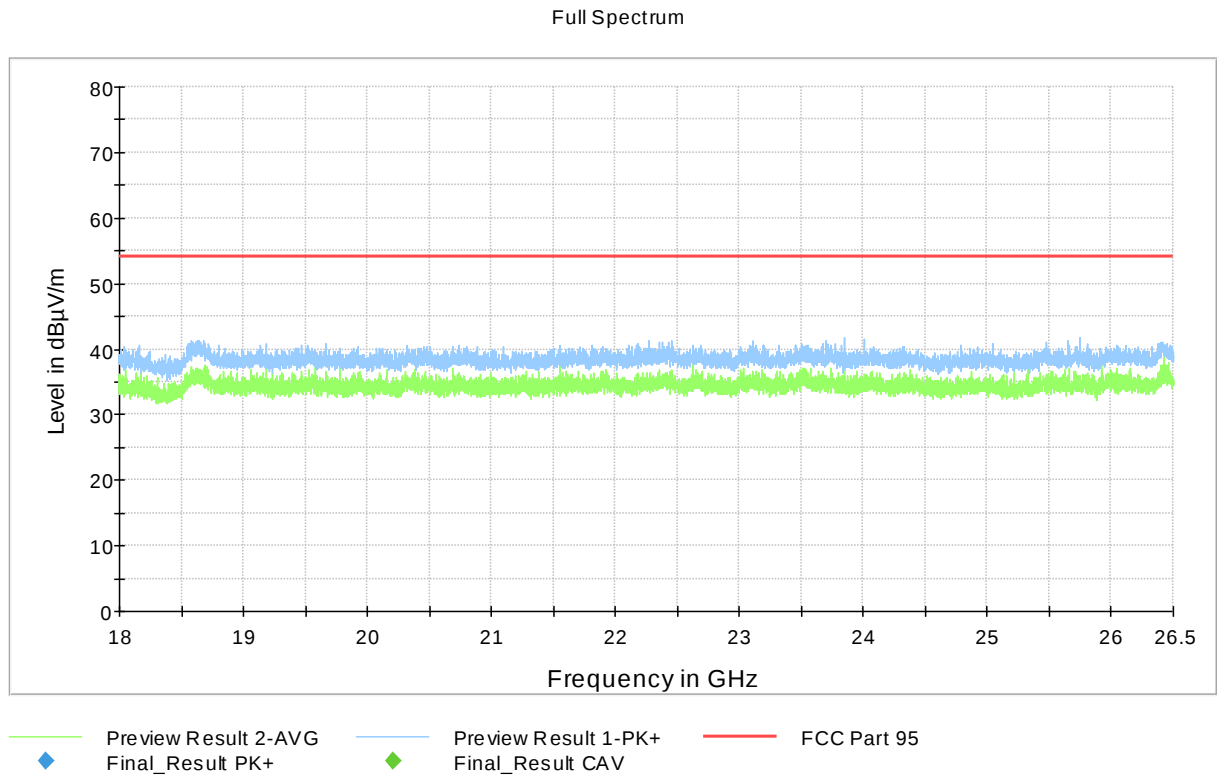


**Figure 22:** Unwanted radiated emissions 4 – 18 GHz (Antenna port 1, bottom ch.)

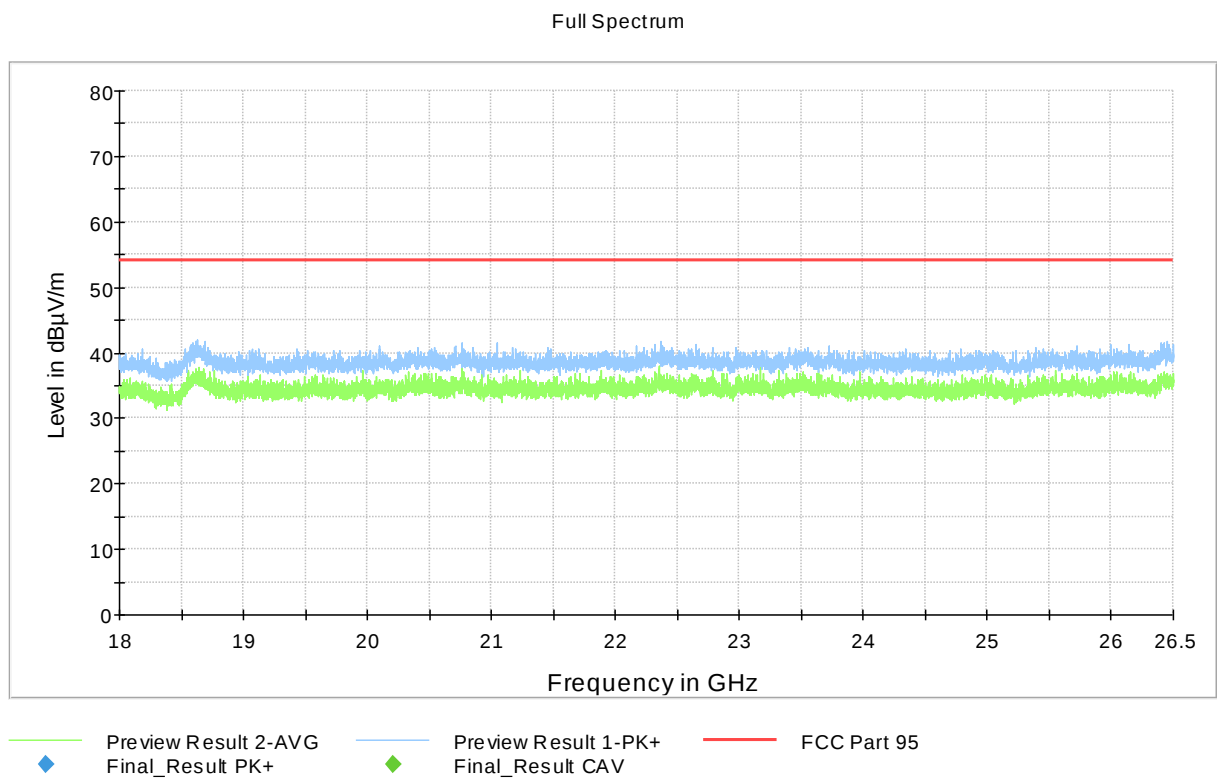


**Figure 23:** Unwanted radiated emissions 4 – 18 GHz (Antenna port 1, top ch.)

## Unwanted Emissions 30 MHz – 26.5 GHz (radiated)



**Figure 24:** Unwanted radiated emissions 18 – 26.5 GHz (Antenna port 1, bottom ch.)



**Figure 25:** Unwanted radiated emissions 18 – 26.5 GHz (Antenna port 1, top ch.)

## TEST EQUIPMENT

## Conducted RF Tests

| Description                | Manufacturer    | Model         | Identifier | Cal. Date  | Cal. Due   |
|----------------------------|-----------------|---------------|------------|------------|------------|
| ATTENUATOR                 | AMPHENOL        | 10 dB, 40 GHz | inv. A11   | 2024-07-16 | 2025-07-16 |
| CABLE                      | HUBER & SUHNER  | SUCOFLEX 104  | inv. C050  | 2024-07-16 | 2025-07-16 |
| SPECTRUM ANALYZER          | ROHDE & SCHWARZ | FSV40         | inv. 9093  | 2024-06-13 | 2025-06-12 |
| TEMPERATURE CHAMBER        | CTS             | T-65/50       | inv. 10521 | NCR        | NCR        |
| TEMPERATURE/HUMIDITY METER | VAISALA         | HMT 333       | inv. 8638  | 2024-09-03 | 2025-09-03 |

## Unwanted Emissions (radiated)

| Description                    | Manufacturer      | Model                    | Identifier | Cal. Date   | Cal. Due   |
|--------------------------------|-------------------|--------------------------|------------|-------------|------------|
| ANTENNA                        | EMCO              | 3160-09, emi 18-26.5GHz  | inv. 7294  | 2025-01-07  | 2026-01-07 |
| ANTENNA                        | EMCO              | 3117, emi 1-18GHz        | inv. 7293  | 2024-06-28  | 2026-06-28 |
| ANTENNA                        | SCHWARZBECK       | VULB 9168                | inv. 8911  | 2024-12-11  | 2026-12-11 |
| ANTENNA MAST                   | MATURO            | TAM 4.0E                 | inv. 10181 | NCR         | NCR        |
| ATTENUATOR                     | HUBER & SUHNER    | 6610.19.AA (10 dB)       | inv. A3    | 2024-12-11- | 2026-12-11 |
| ATTENUATOR                     | PASTERNAK         | PE 7004-4 (4dB)          | inv. 10126 | 2024-12-11  | 2026-12-11 |
| CABLE                          | SUHNER            | SUCOFLEX 126E 18-26.5GHz | inv. C134  | 2024-04-05  | 2025-04-05 |
| CABLE                          | SUHNER            | SUCOFLEX 126E 1-18GHz    | inv. C137  | 2024-04-05  | 2025-04-05 |
| COAX CHAIN K5 EMI < 1GHz       | -                 | C053+FP3AirC+C138        | -          | 2024-03-28  | 2025-03-28 |
| COAX CHAIN K5 EMI 1GHz-26.5GHz | -                 | C135+C149                | -          | 2024-03-28  | 2025-03-28 |
| EMI TEST RECEIVER              | ROHDE & SCHWARZ   | ESW26                    | inv. 10679 | 2024-06-12  | 2025-06-11 |
| FILTER                         | WAINWRIGHT        | HP, WHKX4.0/18G-10SS     | inv. 10403 | 2024-12-10  | 2026-12-10 |
| MAST & TURNTABLE CONTROLLER    | MATURO            | NCD                      | inv. 10183 | NCR         | NCR        |
| POWER SUPPLY                   | CALIFORNIA INSTR. | 5001 iX Series II        | inv. 7826  | NCR         | NCR        |
| RF PREAMPLIFIER                | CIAO              | CA1840-5019              | inv. 10593 | 2024-09-10  | 2025-09-10 |
| RF PREAMPLIFIER                | CIAO              | CA118-3123               | inv. 10278 | 2024-09-10  | 2025-09-10 |
| TEMPERATURE/ HUMIDITY SENSOR   | EDS               | OW-ENV-TH, K5 SAC        | inv. 10517 | 2024-11-02  | 2025-11-02 |
| TEST SOFTWARE                  | ROHDE & SCHWARZ   | EMC-32                   | -          | -           | -          |
| TURNTABLE                      | MATURO            | DS430 UPGRADED           | inv. 10182 | NCR         | NCR        |

NCR = No Calibration Required

END OF REPORT