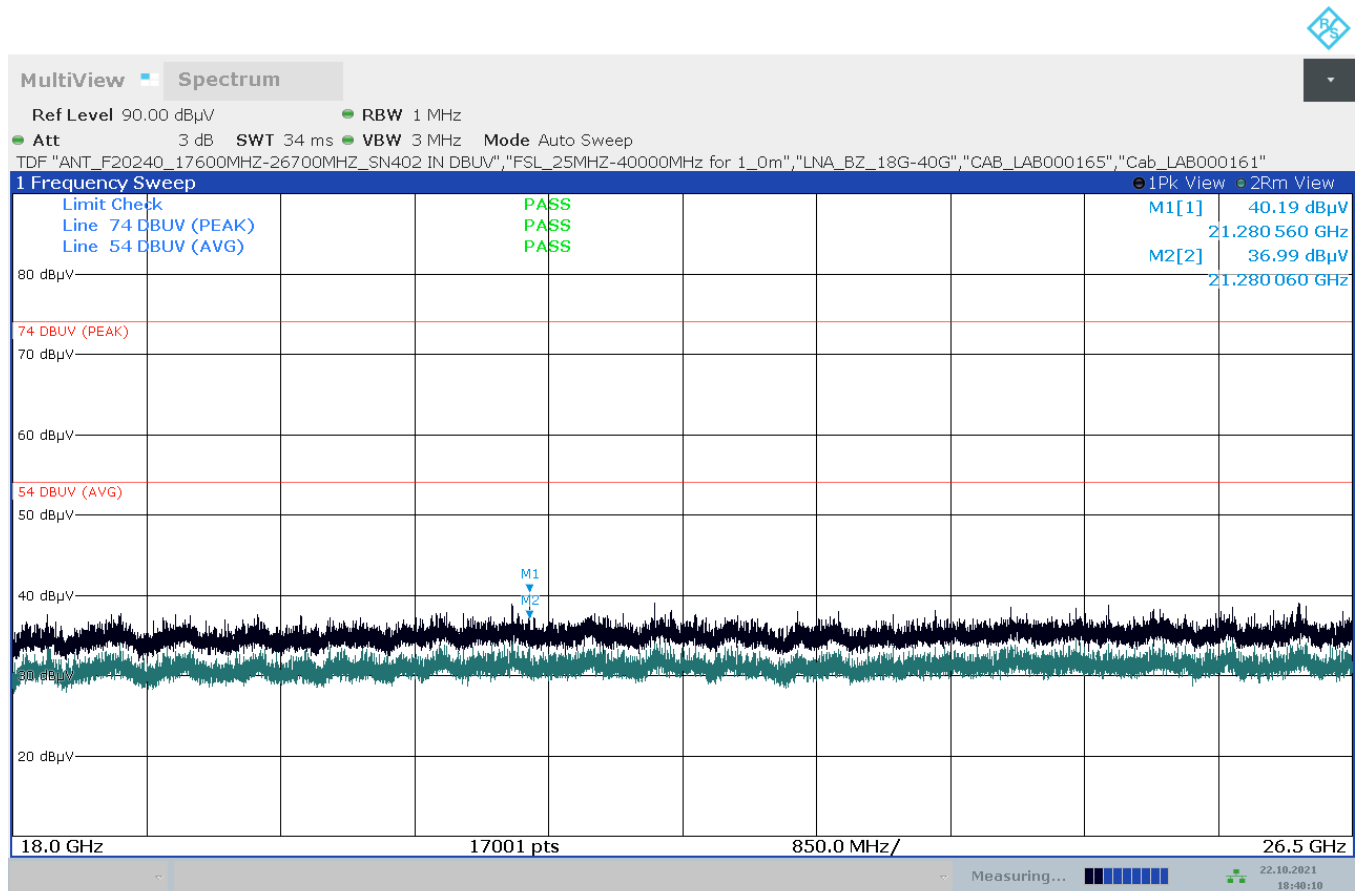


# Annex A of TR no.: 21086128-23003-1

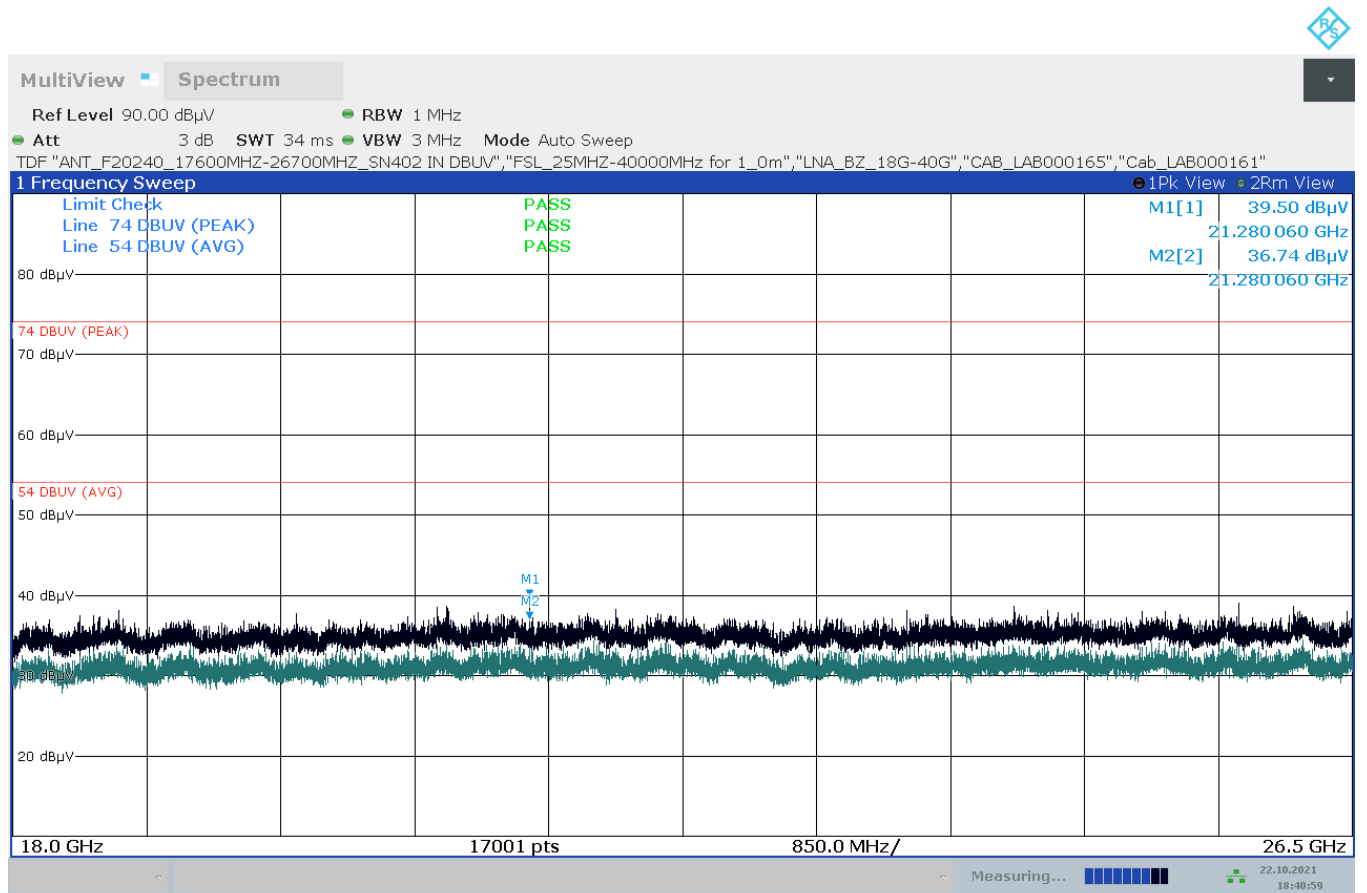
Plot 330: Mode 1, RSE 18 GHz – 26.5 GHz, channel 64, horizontal / vertical polarisation



18:40:11 22.10.2021

# Annex A of TR no.: 21086128-23003-1

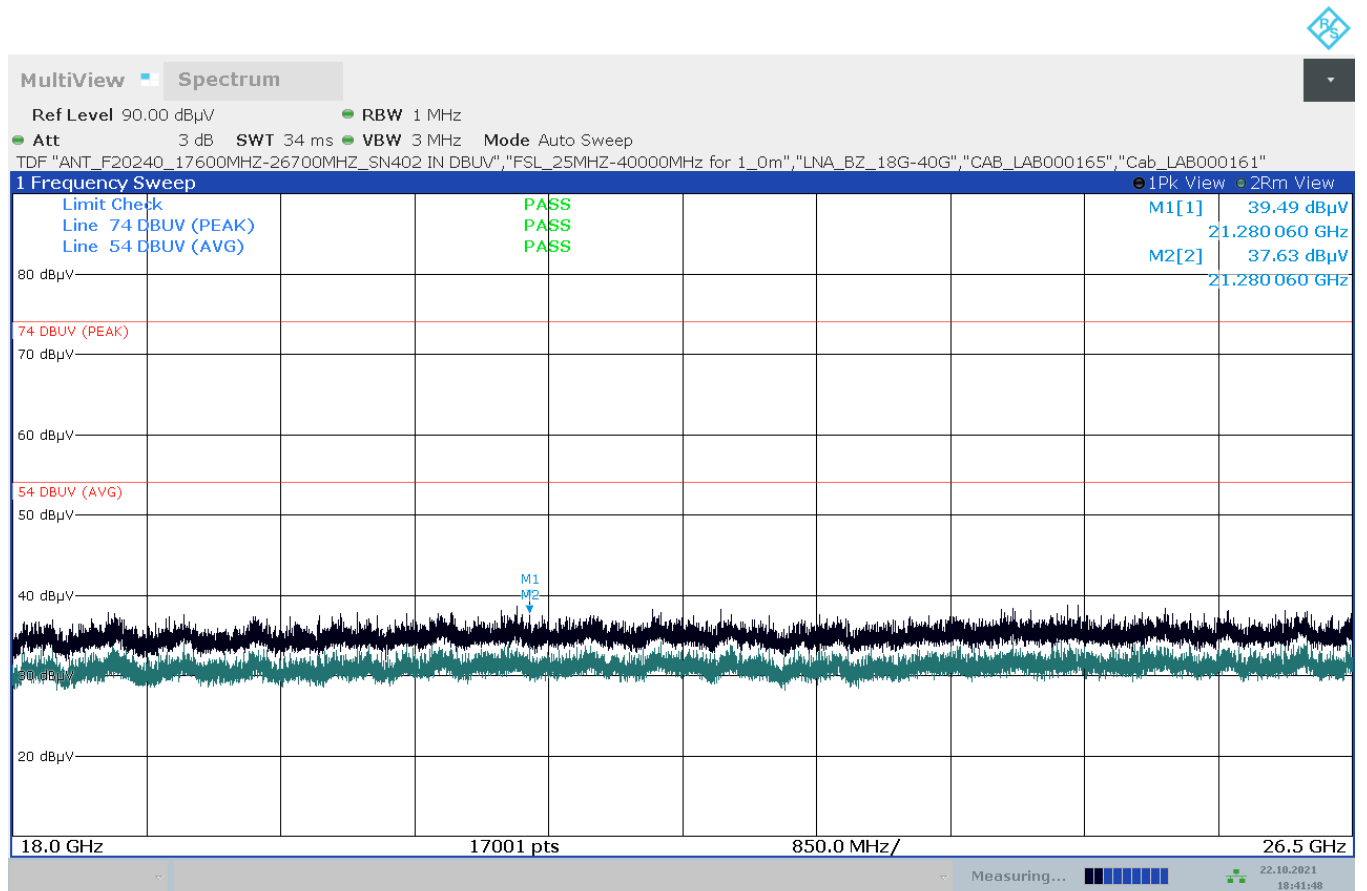
Plot 331: Mode 1, RSE 18 GHz – 26.5 GHz, channel 100, horizontal / vertical polarisation



18:40:59 22.10.2021

# Annex A of TR no.: 21086128-23003-1

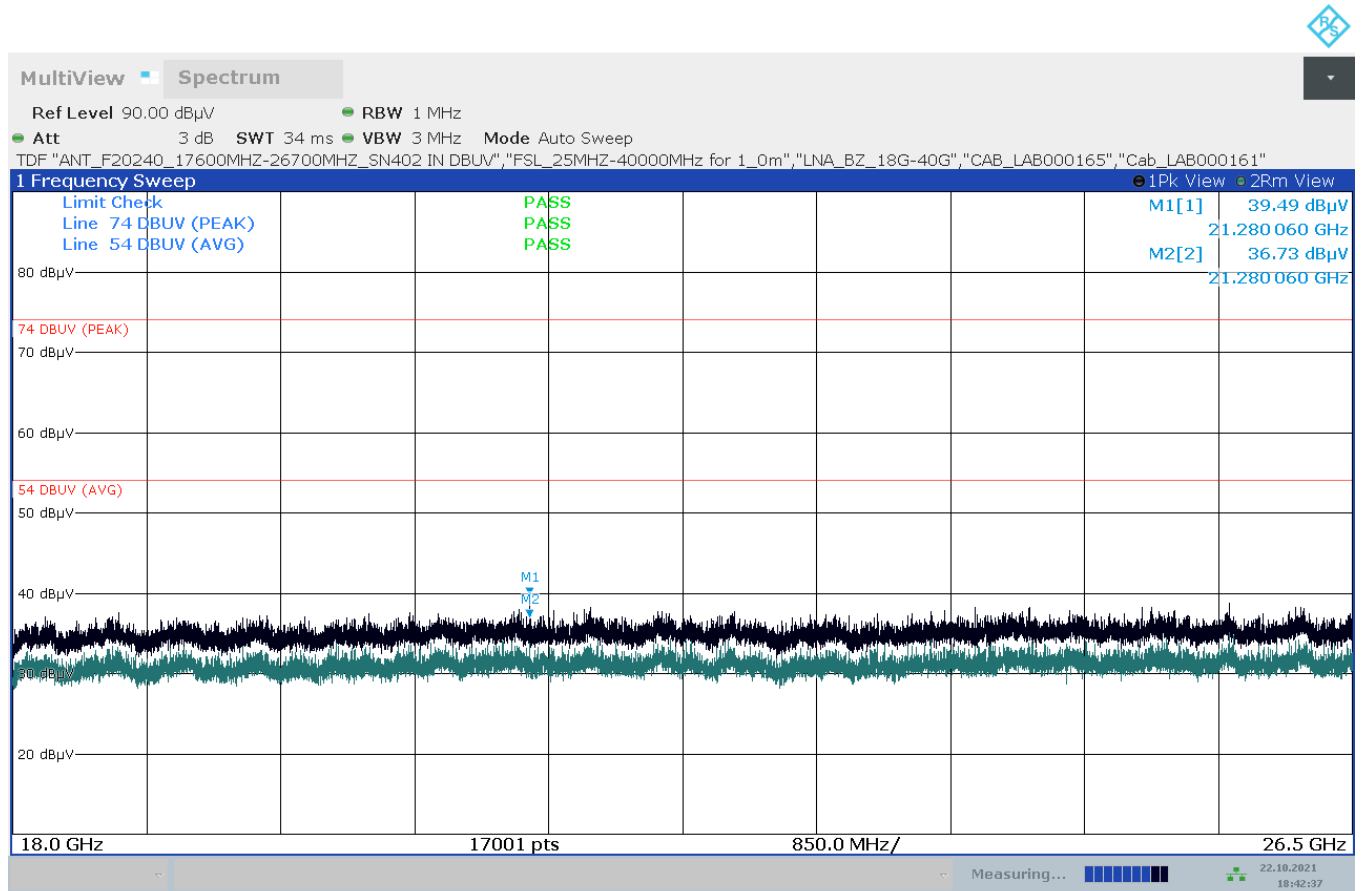
Plot 332: Mode 1, RSE 18 GHz – 26.5 GHz, channel 140, horizontal / vertical polarisation



18:41:48 22.10.2021

# Annex A of TR no.: 21086128-23003-1

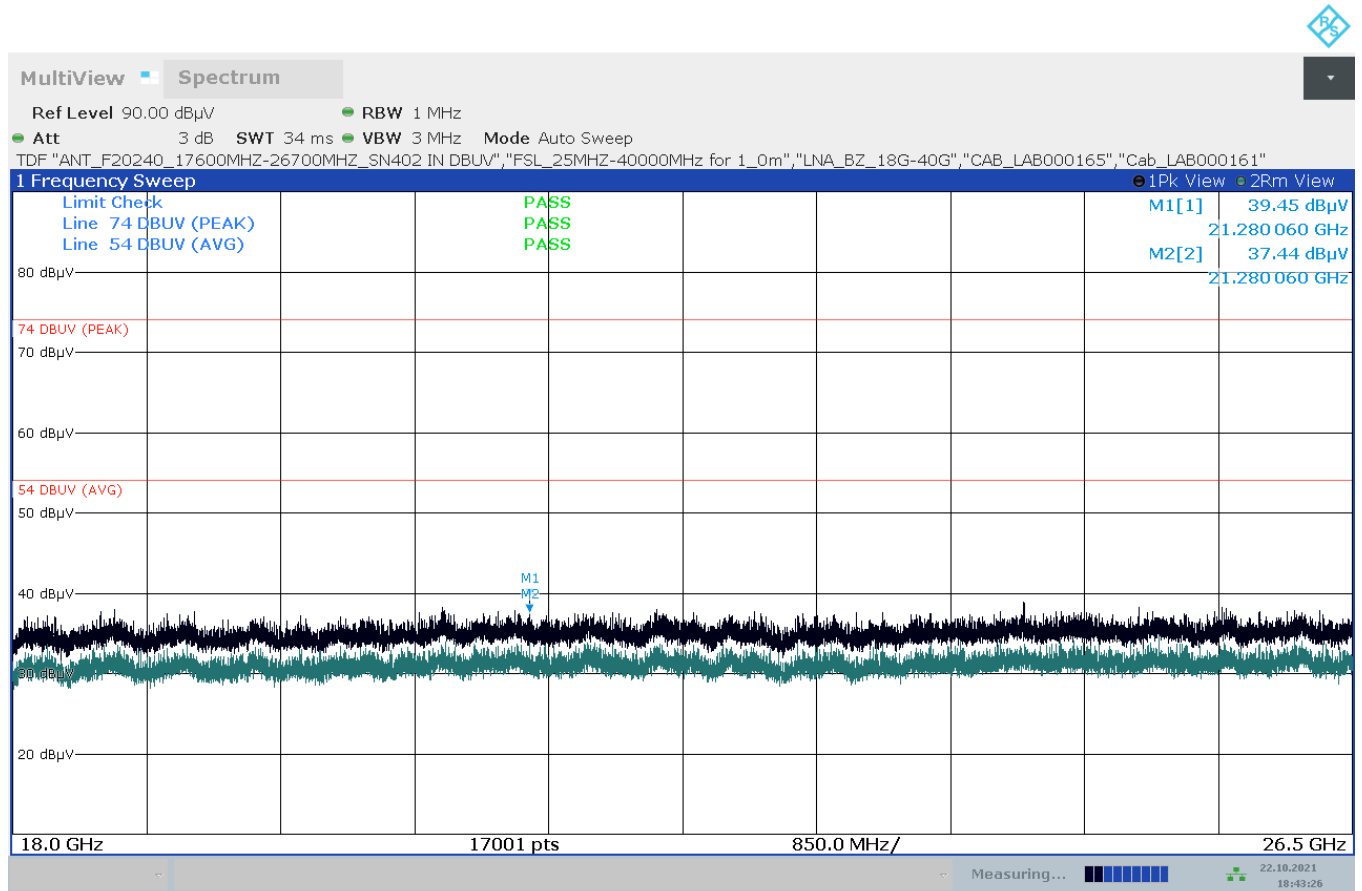
Plot 333: Mode 1, RSE 18 GHz – 26.5 GHz, channel 144, horizontal / vertical polarisation



18:42:37 22.10.2021

# Annex A of TR no.: 21086128-23003-1

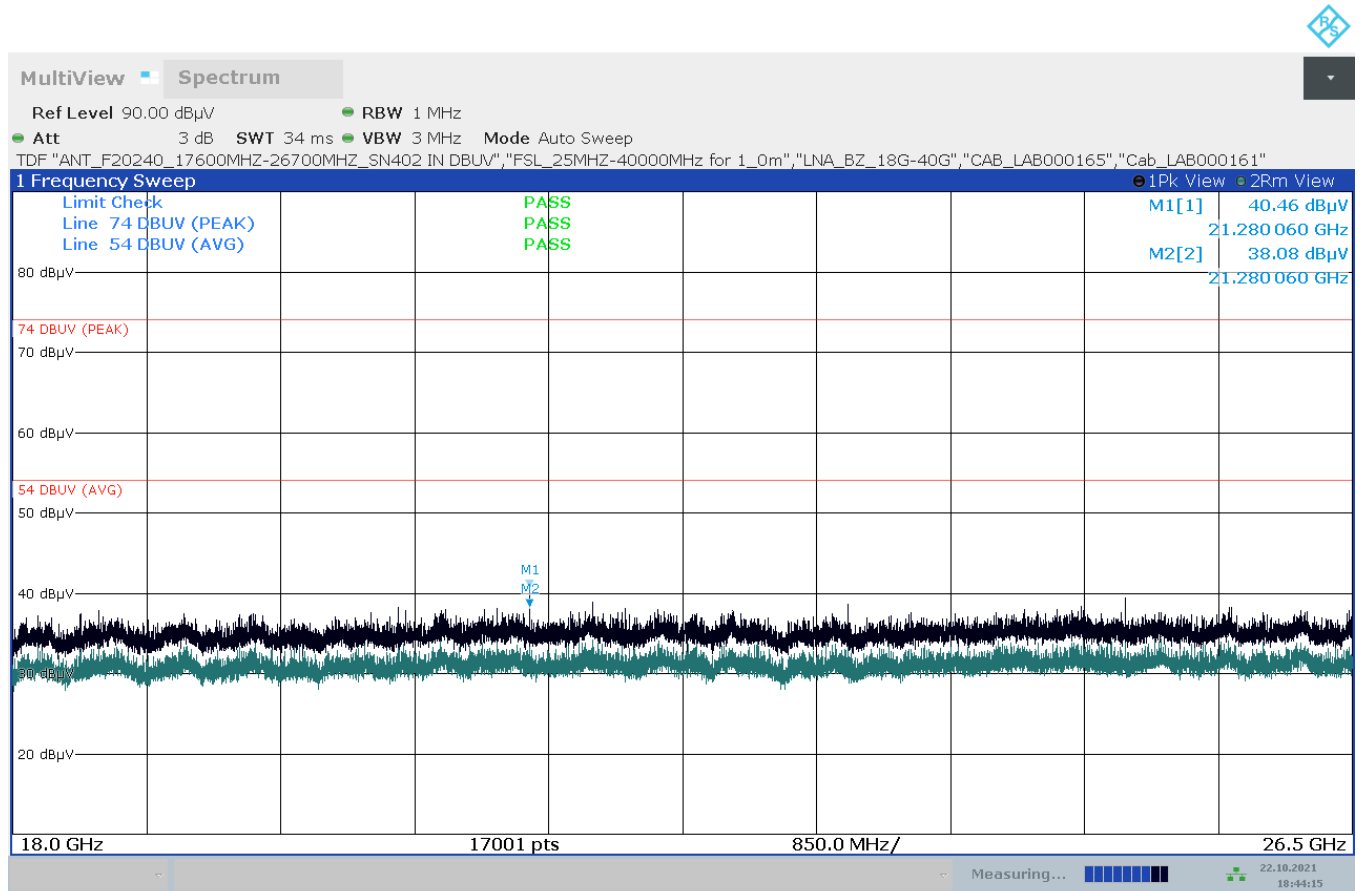
Plot 334: Mode 1, RSE 18 GHz – 26.5 GHz, channel 149, horizontal / vertical polarisation



18:43:26 22.10.2021

# Annex A of TR no.: 21086128-23003-1

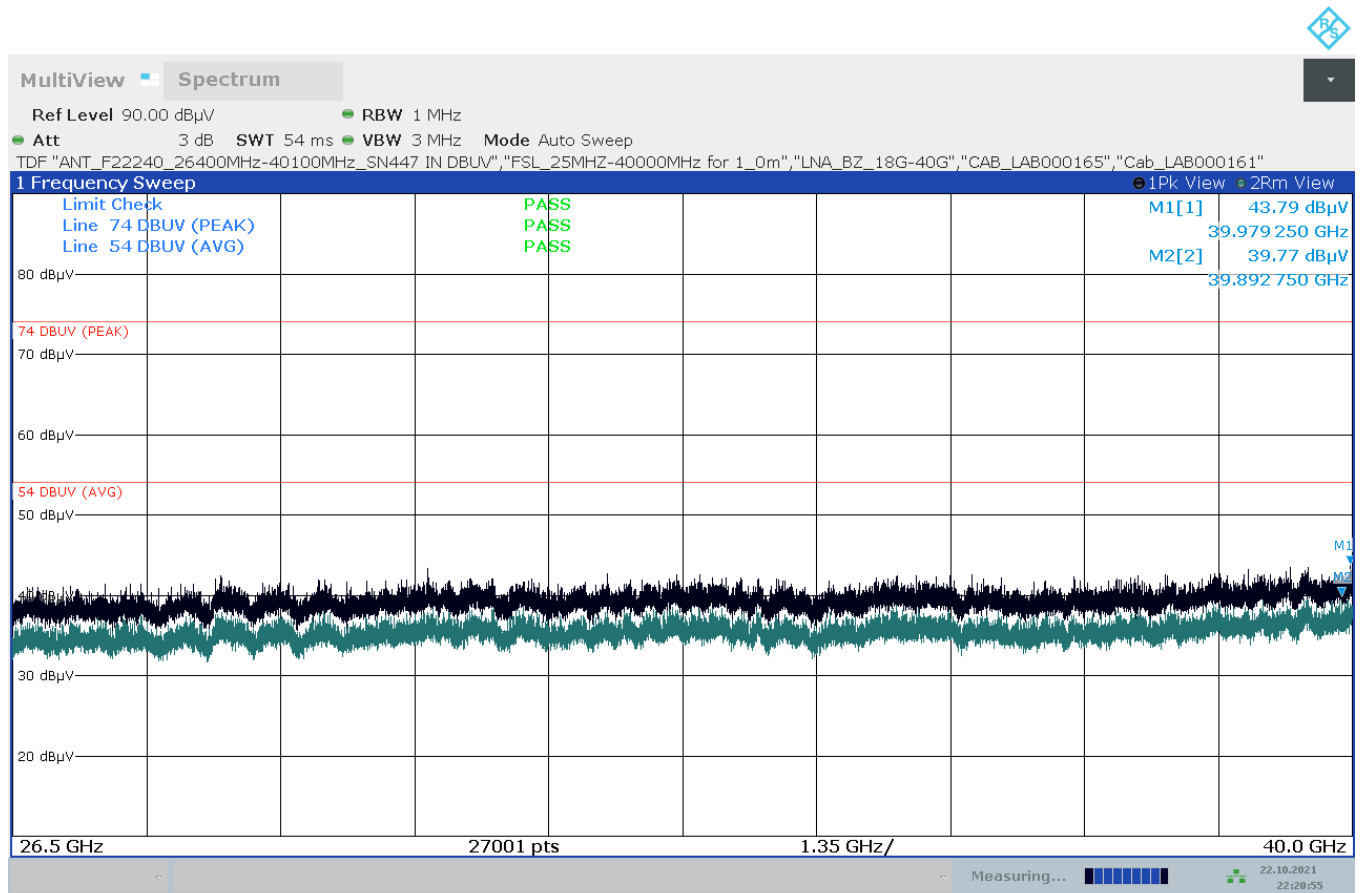
Plot 335: Mode 1, RSE 18 GHz – 26.5 GHz, channel 165, horizontal / vertical polarisation



18:44:15 22.10.2021

# Annex A of TR no.: 21086128-23003-1

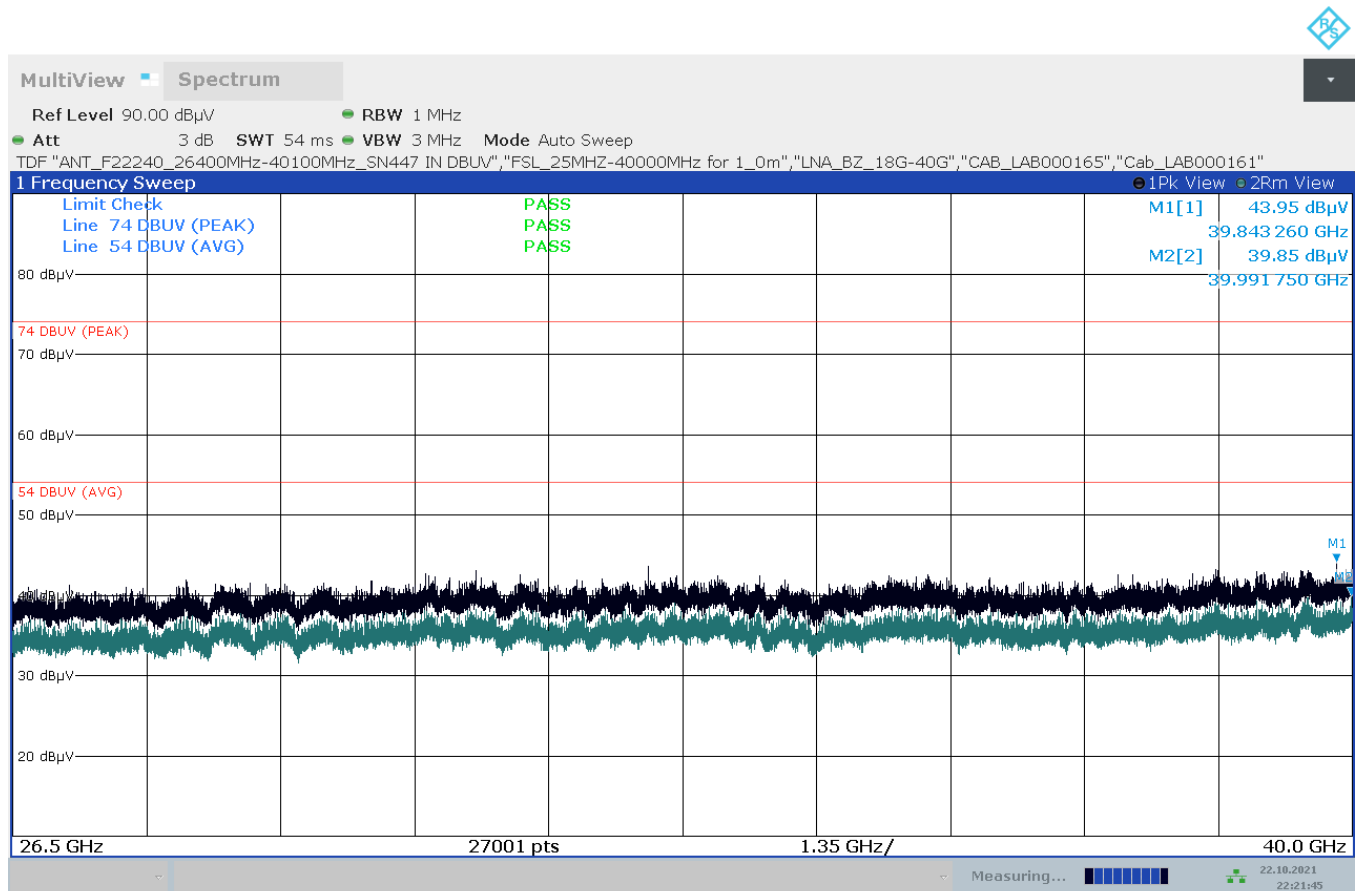
Plot 336: Mode 1, RSE 26.5 GHz – 40 GHz, channel 36, horizontal / vertical polarisation



22:20:55 22.10.2021

# Annex A of TR no.: 21086128-23003-1

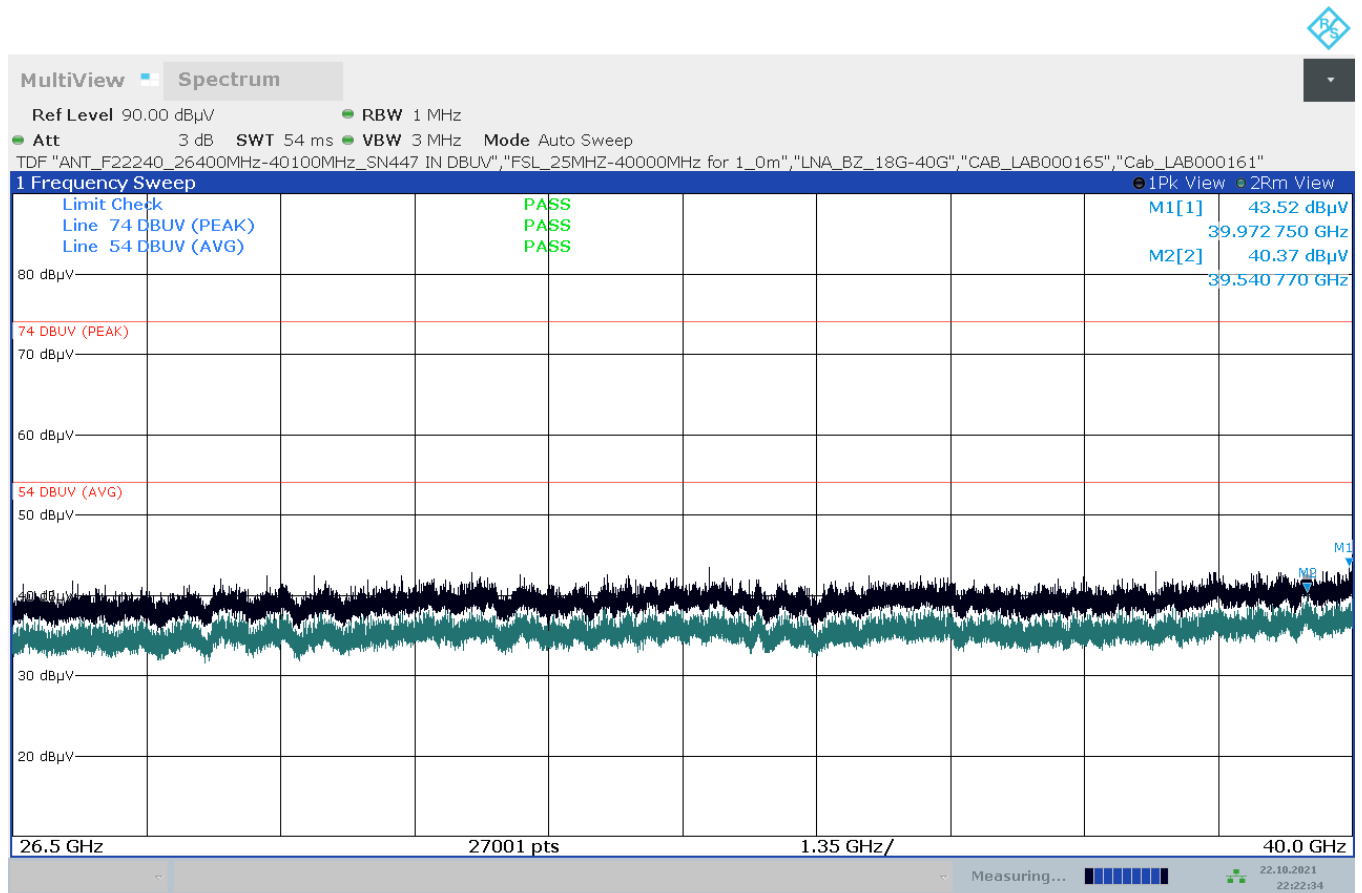
Plot 337: Mode 1, RSE 26.5 GHz – 40 GHz, channel 64, horizontal / vertical polarisation



22:21:45 22.10.2021

# Annex A of TR no.: 21086128-23003-1

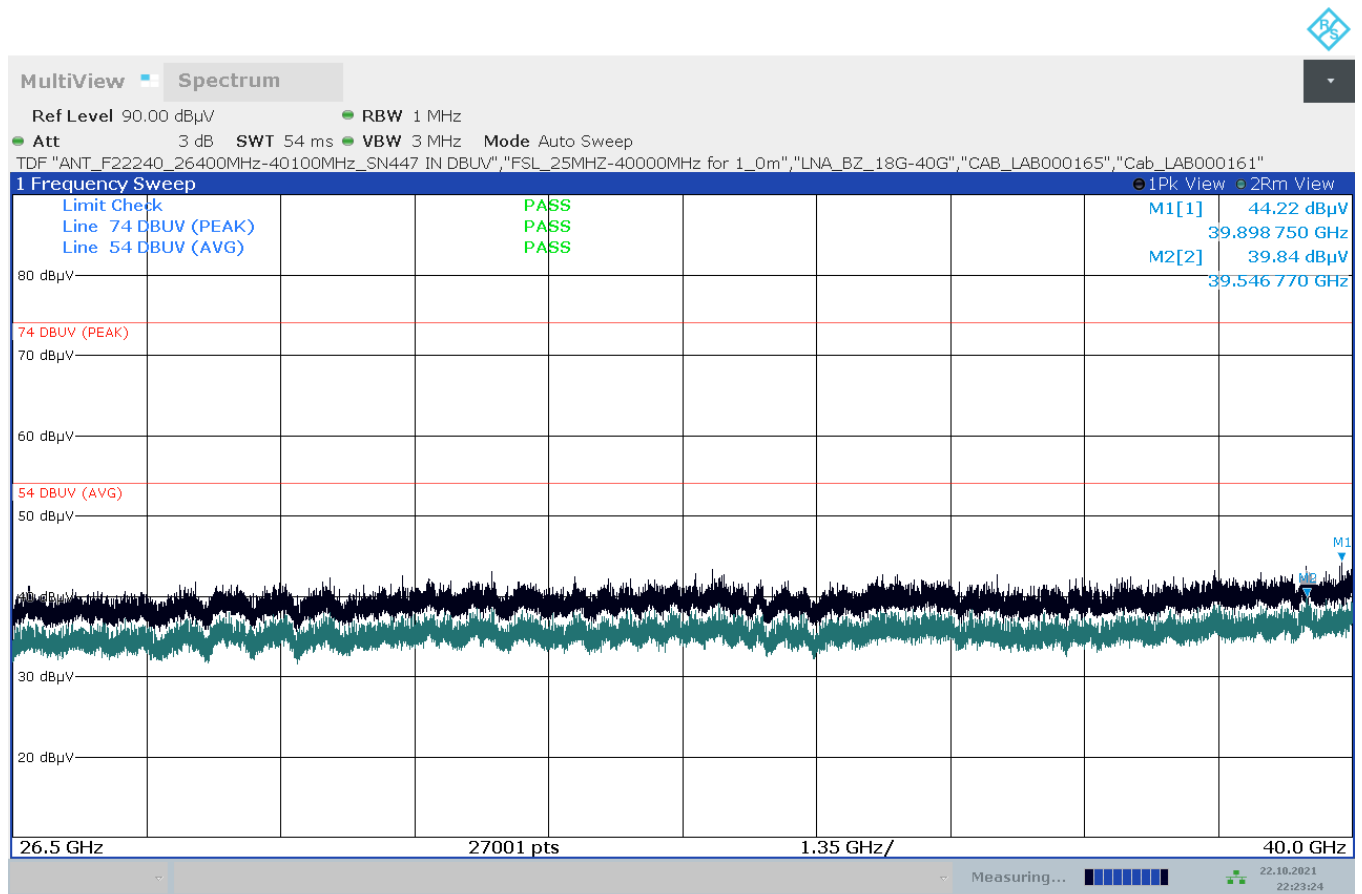
Plot 338: Mode 1, RSE 26.5 GHz – 40 GHz, channel 100, horizontal / vertical polarisation



22:22:34 22.10.2021

# Annex A of TR no.: 21086128-23003-1

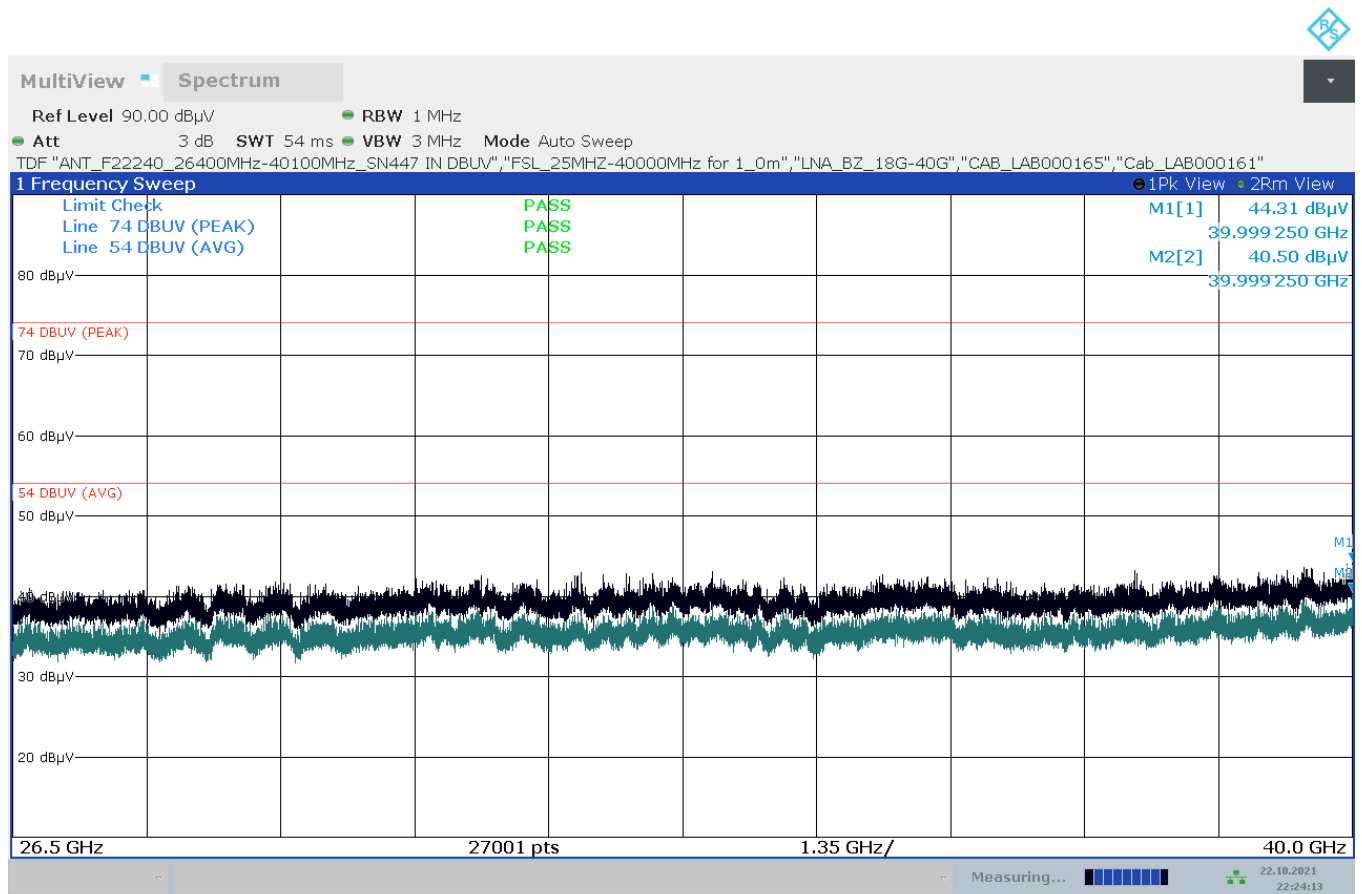
Plot 339: Mode 1, RSE 26.5 GHz – 40 GHz, channel 140, horizontal / vertical polarisation



22:23:24 22.10.2021

# Annex A of TR no.: 21086128-23003-1

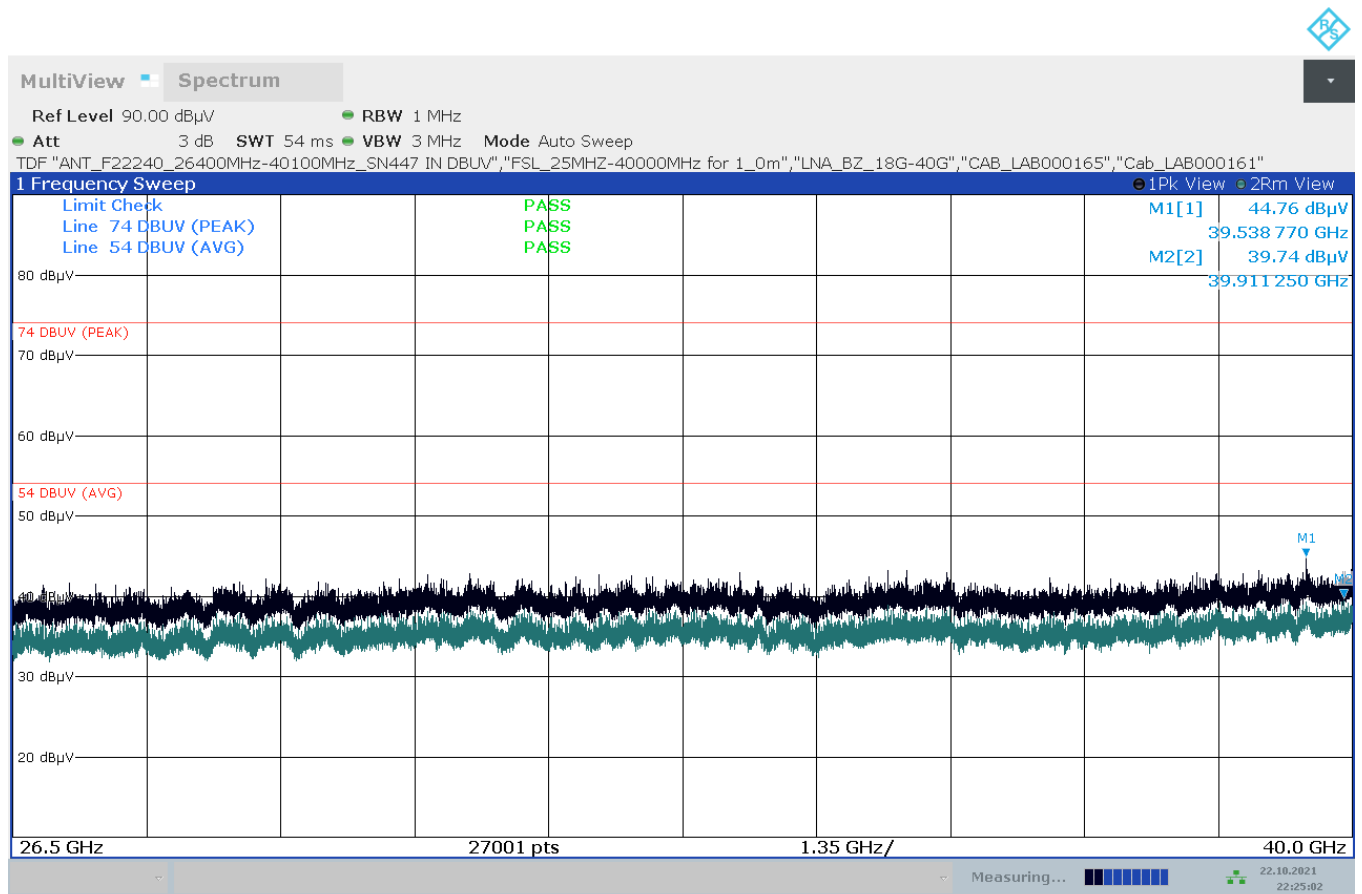
Plot 340: Mode 1, RSE 26.5 GHz – 40 GHz, channel 144, horizontal / vertical polarisation



22:24:13 22.10.2021

# Annex A of TR no.: 21086128-23003-1

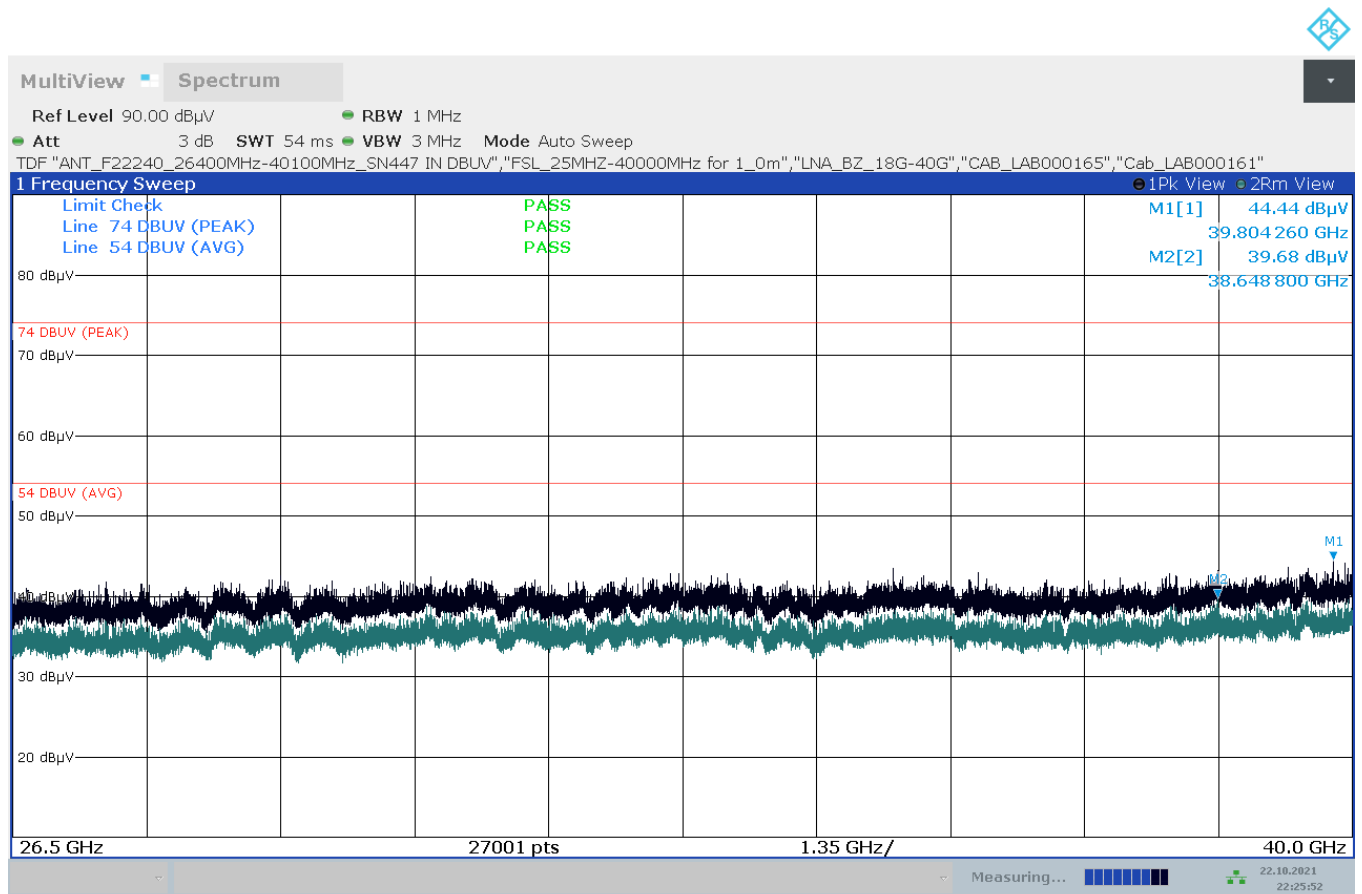
Plot 341: Mode 1, RSE 26.5 GHz – 40 GHz, channel 149, horizontal / vertical polarisation



22:25:02 22.10.2021

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Plot 342: Mode 1, RSE 26.5 GHz – 40 GHz, channel 165, horizontal / vertical polarisation



22:25:52 22.10.2021

## 2.9 Variant ID #57

### DUT Information

|                |                                 |
|----------------|---------------------------------|
| DUT Name:      | prePV 57                        |
| Manufacturer:  | Mitsubishi Electric Corporation |
| Serial Number: | 65903                           |

#### 2.9.1 RF Output Power (Conducted Peak Power)

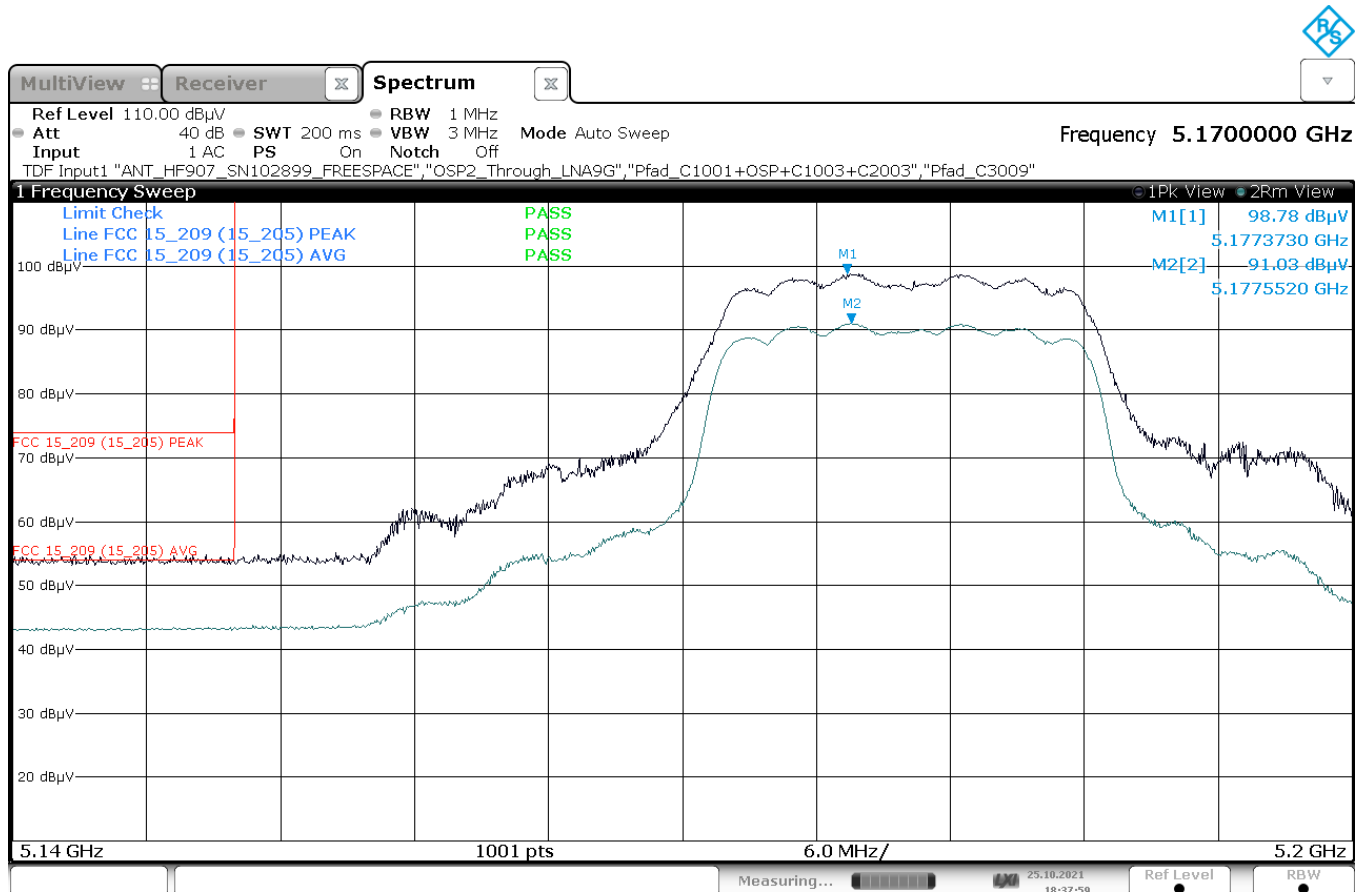
See test results of variant ID #56

#### 2.9.2 Radiated Peak Power (Peak EIRP)

See test results of variant ID #56

### 2.9.3 Band Edge Compliance (BEC), radiated

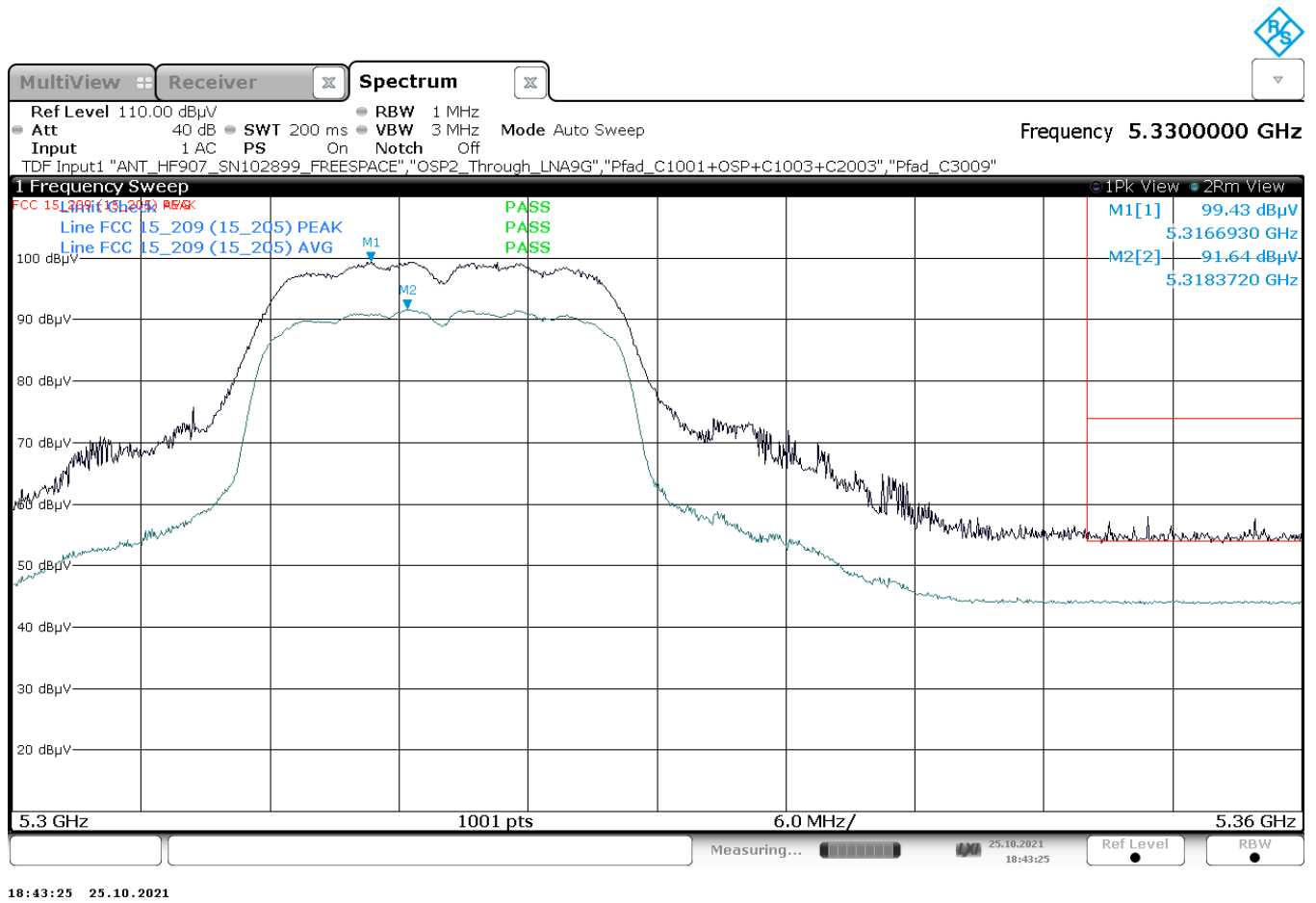
Plot 343: Mode 1, BEC low, channel 36, 5180 MHz



18:37:59 25.10.2021

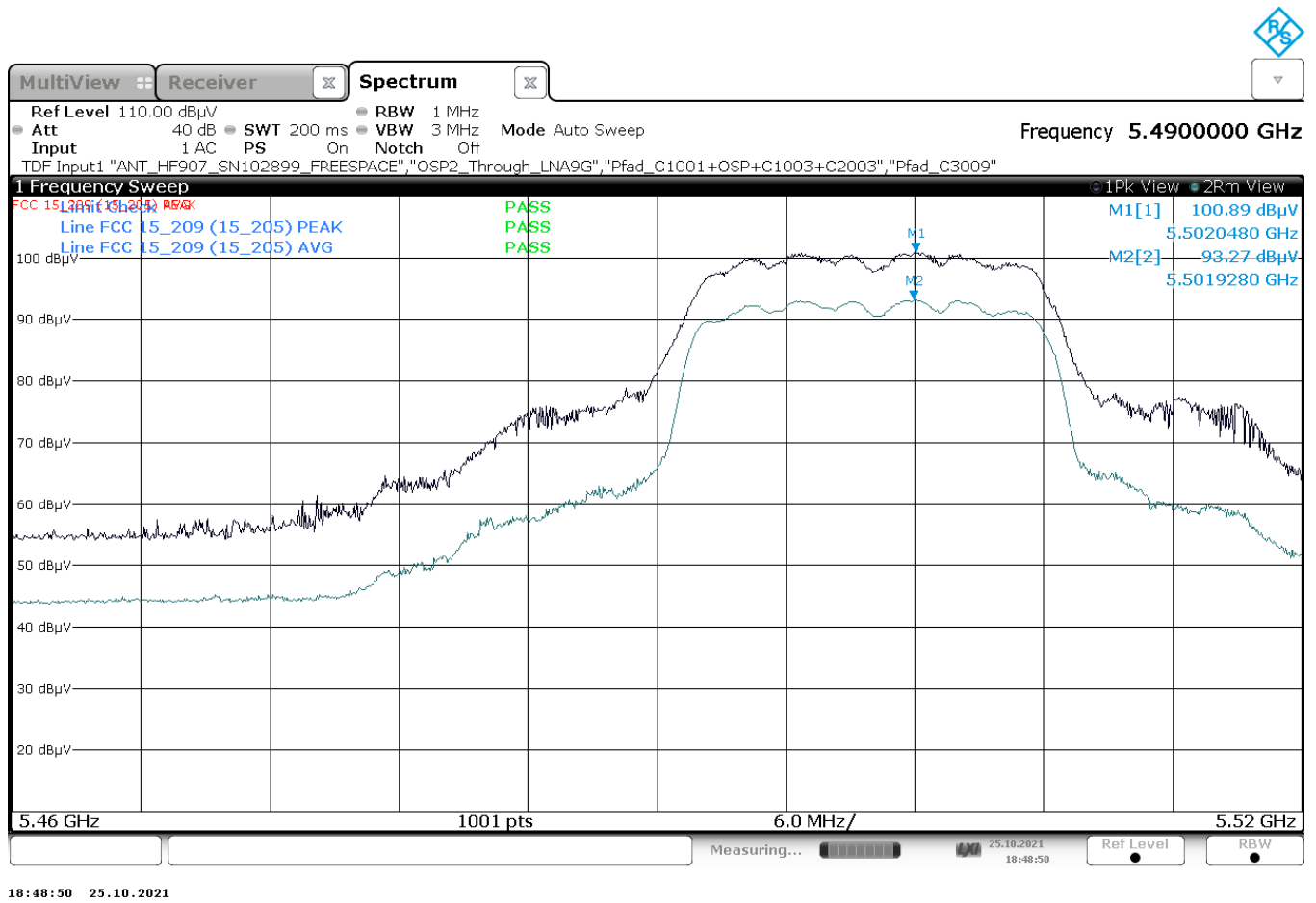
# Annex A of TR no.: 21086128-23003-1

Plot 344: Mode 1, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth



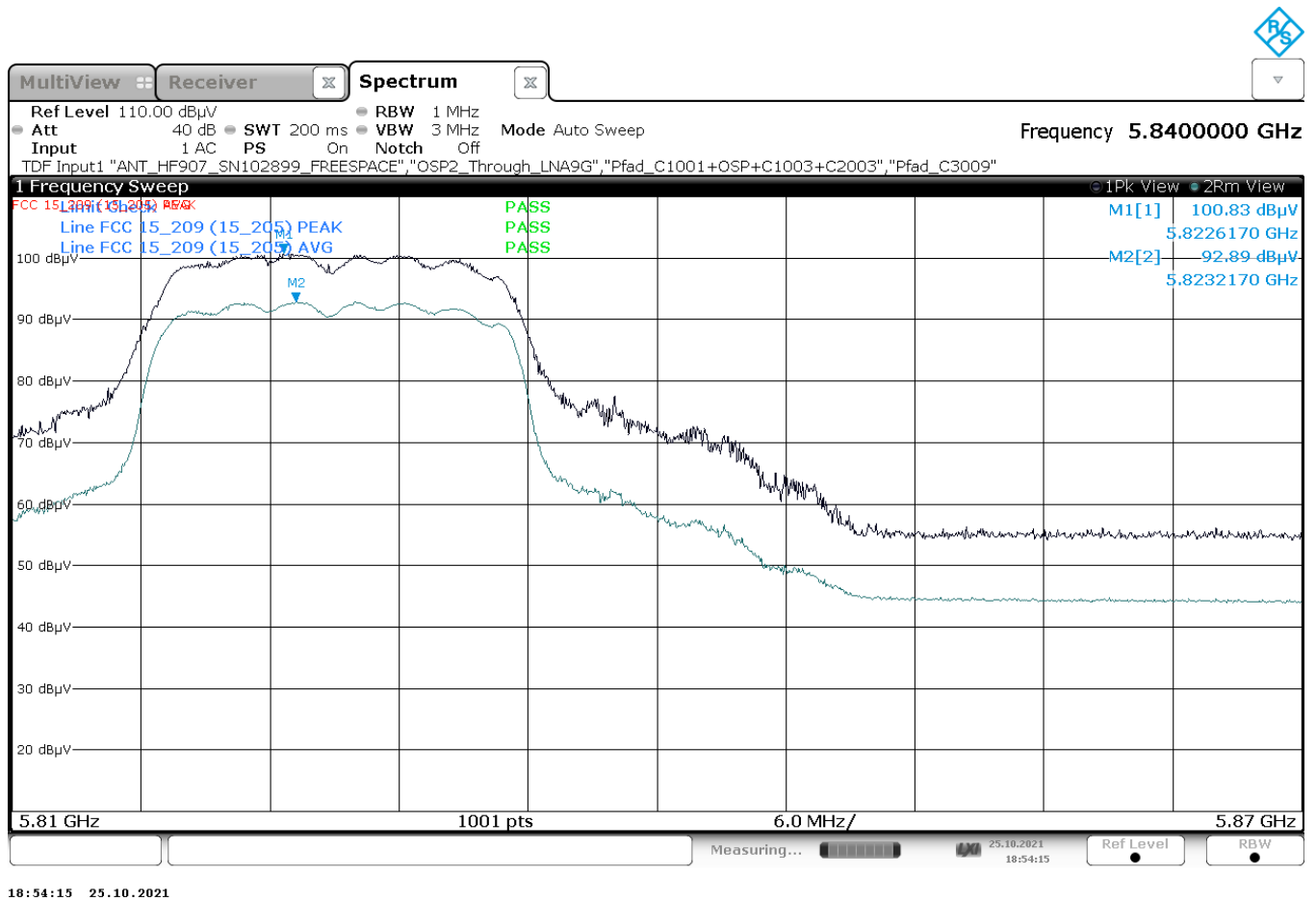
# Annex A of TR no.: 21086128-23003-1

Plot 345: Mode 1, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth



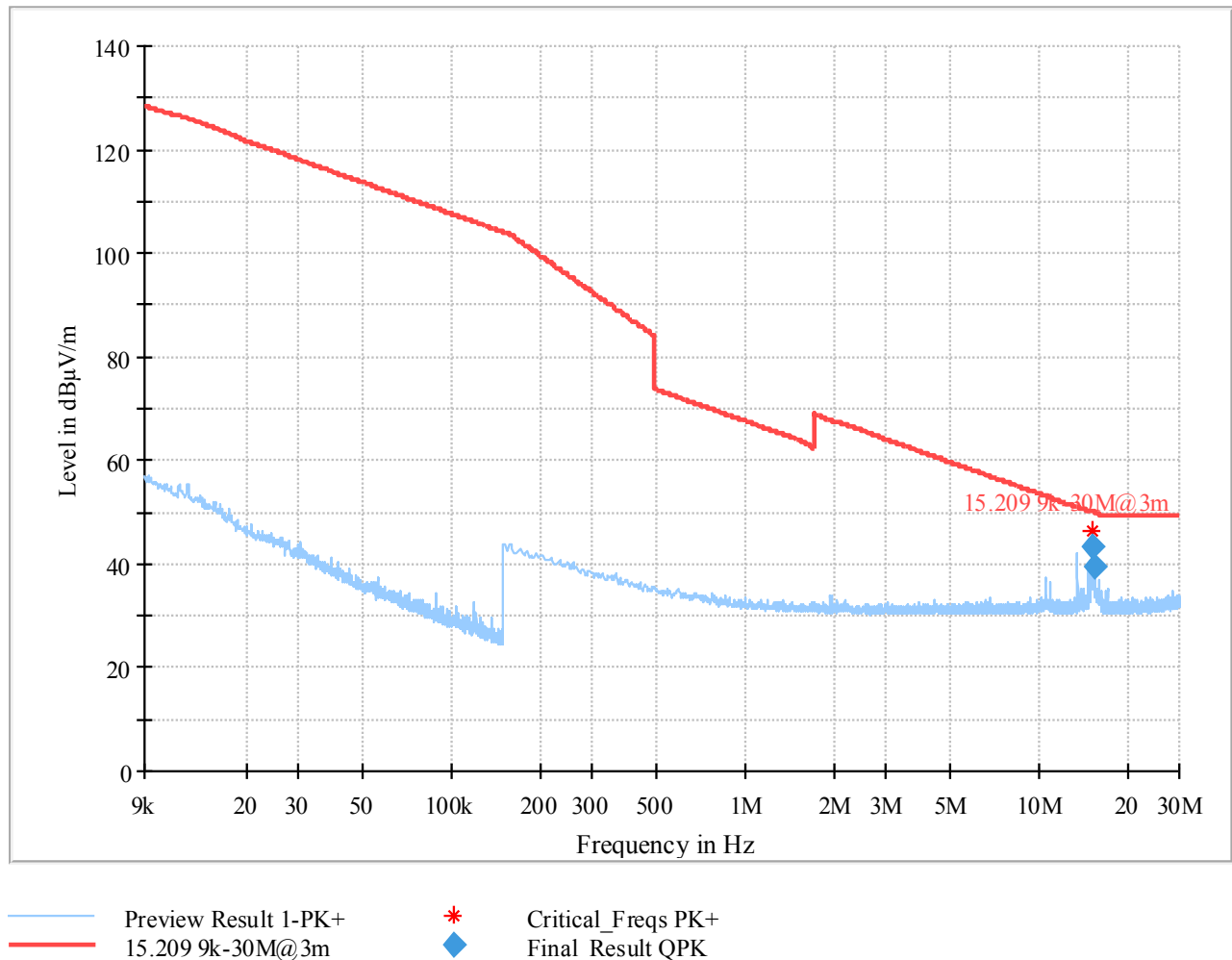
# Annex A of TR no.: 21086128-23003-1

Plot 346: Mode 1, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth



## 2.9.4 Radiated Spurious Emissions (RSE)

Plot 347: Mode 1, RSE 9 kHz – 30 MHz, channel 36, loop antenna



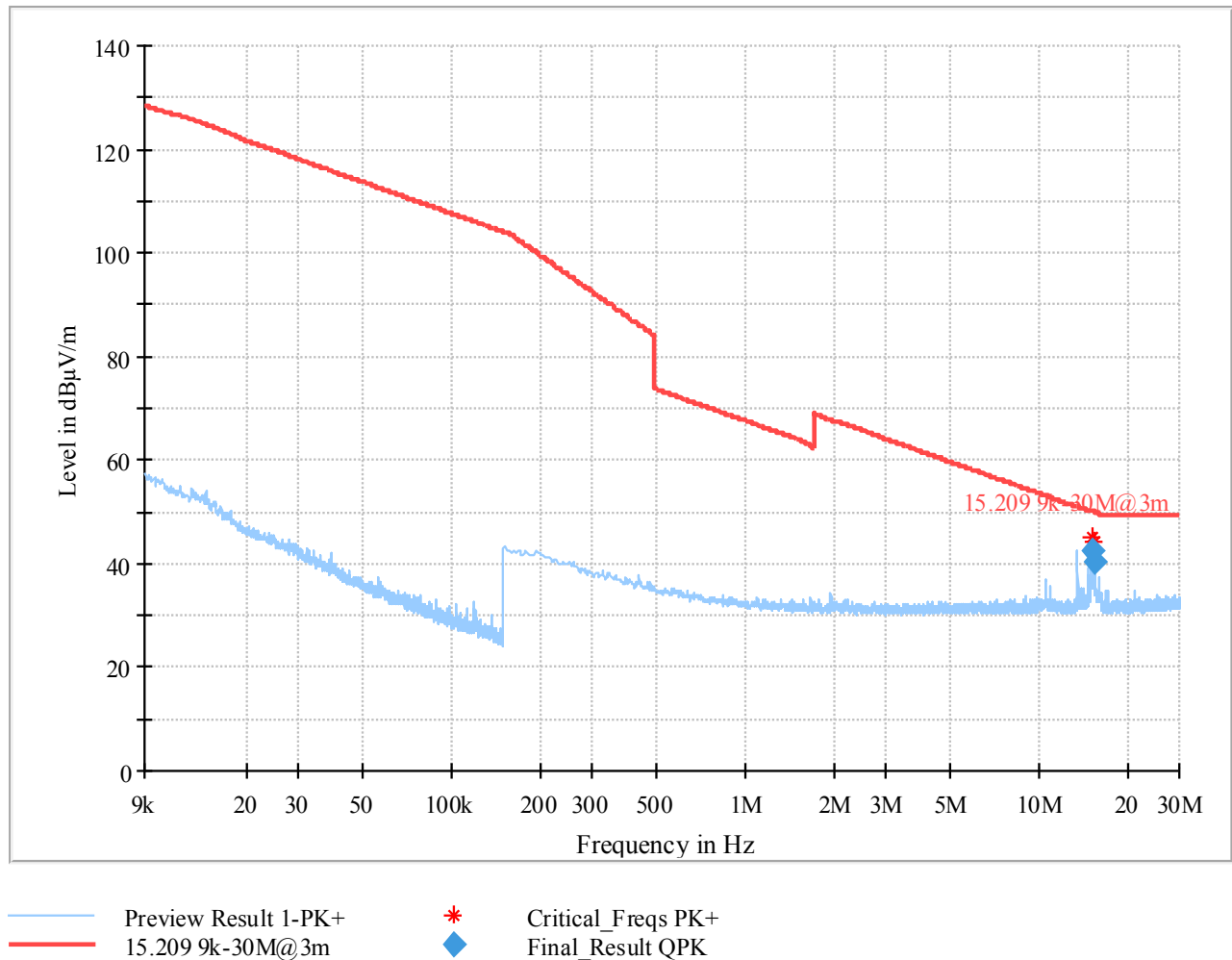
## Final\_Result

| Frequency (MHz) | QuasiPeak (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------------|----------------------|-------------|-----------------|-----------------|-----|---------------|--------------|
| 15.297000       | 43.24                    | 50.04                | 6.80        | 100.0           | 9.000           | H   | 60.0          | 20.5         |
| 15.546750       | 39.58                    | 50.03                | 10.45       | 100.0           | 9.000           | V   | 273.0         | 20.5         |

(continuation of the "Final\_Result" table from column 15 ...)

| Frequency (MHz) | Comment               |
|-----------------|-----------------------|
| 15.297000       | 23:06:45 - 11.11.2021 |
| 15.546750       | 23:13:14 - 11.11.2021 |

Plot 348: Mode 1, RSE 9 kHz – 30 MHz, channel 165, loop antenna



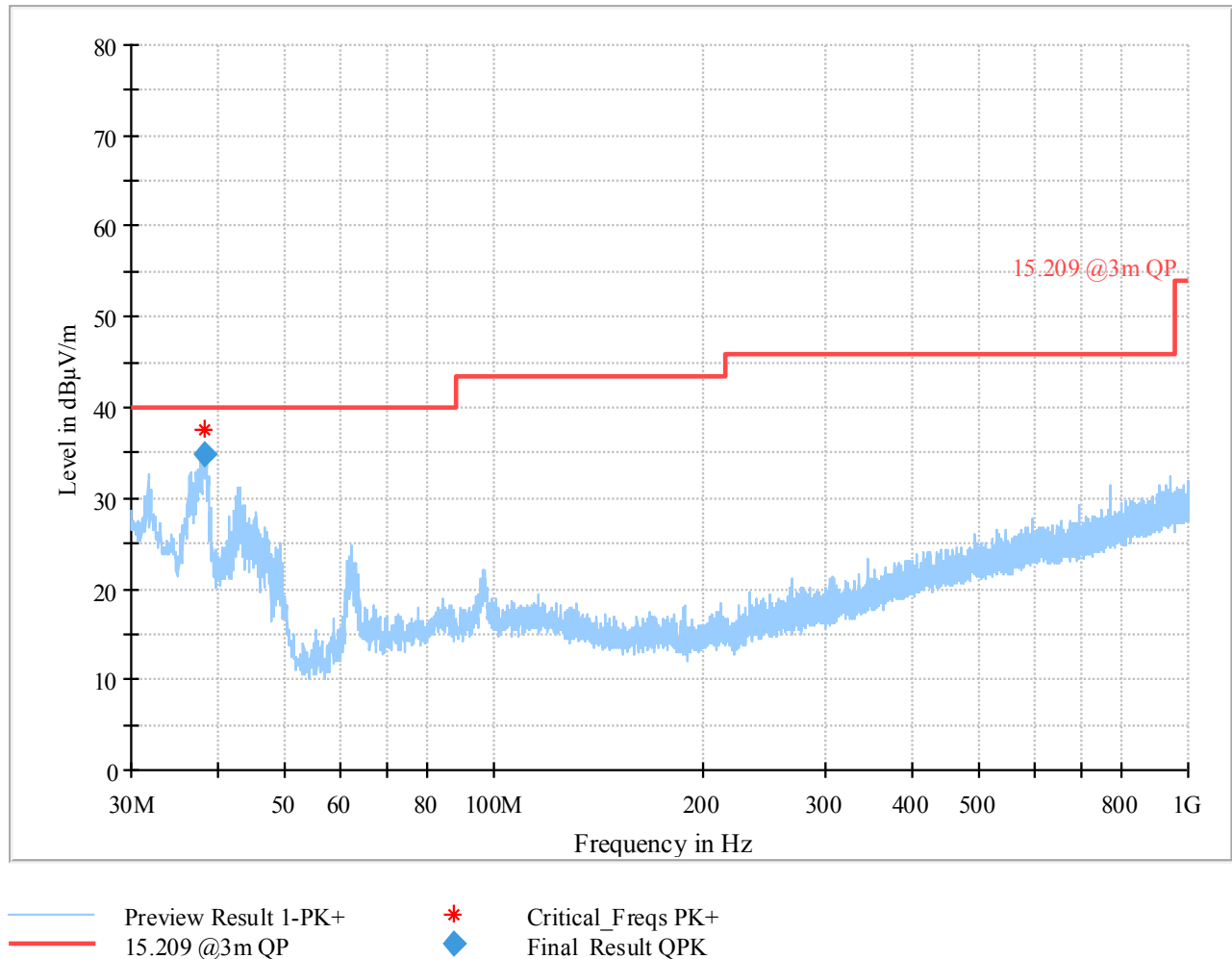
## Final\_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-----|---------------|--------------|
| 15.297000       | 42.33              | 50.04          | 7.71        | 100.0           | 9.000           | H   | 262.0         | 20.5         |
| 15.546750       | 40.30              | 50.03          | 9.73        | 100.0           | 9.000           | V   | 30.0          | 20.5         |

(continuation of the "Final\_Result" table from column 15 ...)

| Frequency (MHz) | Comment               |
|-----------------|-----------------------|
| 15.297000       | 23:27:33 - 11.11.2021 |
| 15.546750       | 23:29:39 - 11.11.2021 |

Plot 349: Mode 1, RSE 30 MHz – 1 GHz, channel 36, horizontal / vertical polarisation



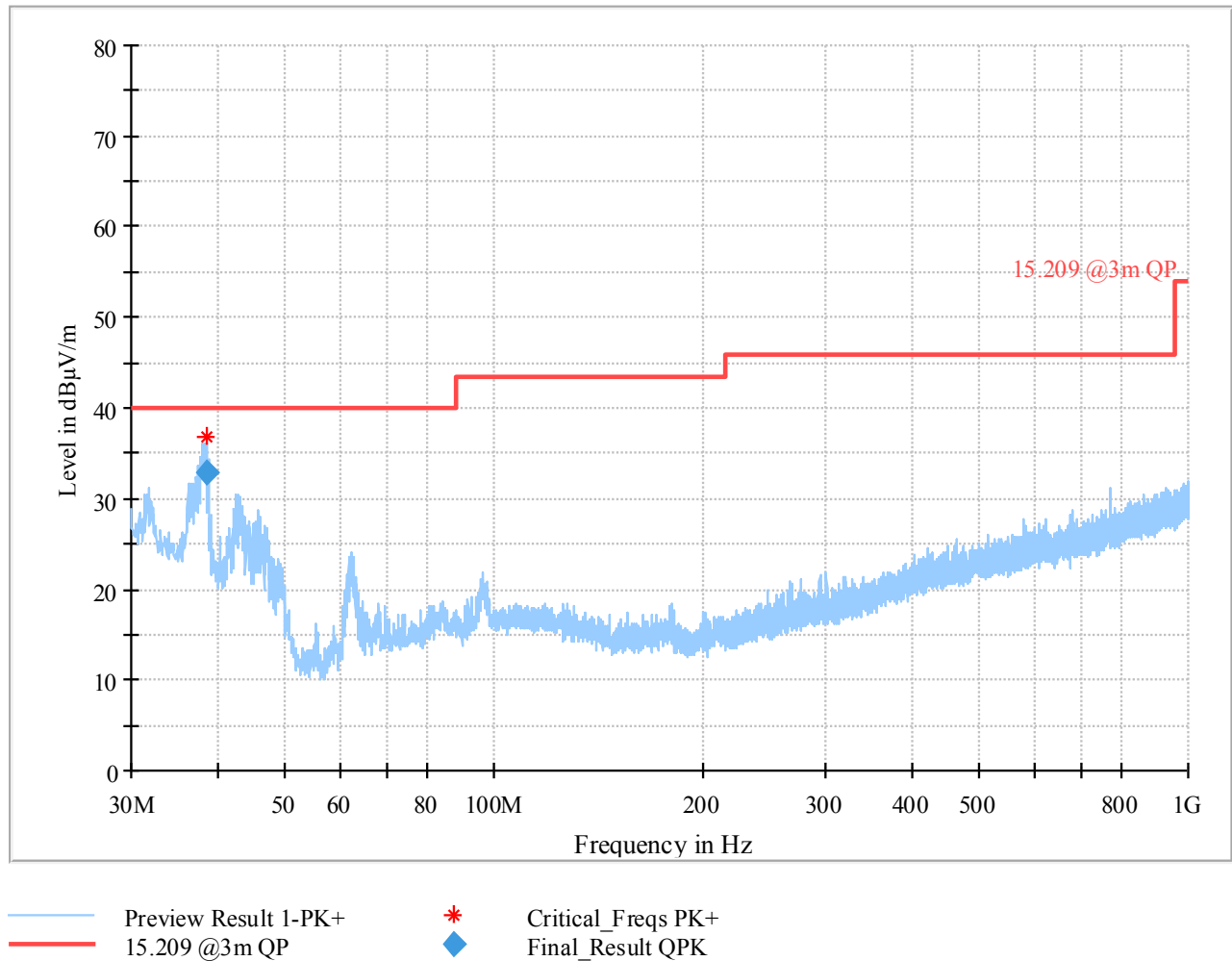
## Final\_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 38.277500       | 34.76              | 40.00          | 5.24        | 100.0           | 120.000         | 104.0       | V   | 273.0         |

(continuation of the "Final\_Result" table from column 15 ...)

| Frequency (MHz) | Corr. (dB/m) | Comment               |
|-----------------|--------------|-----------------------|
| 38.277500       | 15.9         | 19:57:53 - 11.11.2021 |

350: Mode 1, RSE 30 MHz – 1 GHz, channel 165, horizontal / vertical polarisation



## Final\_Result

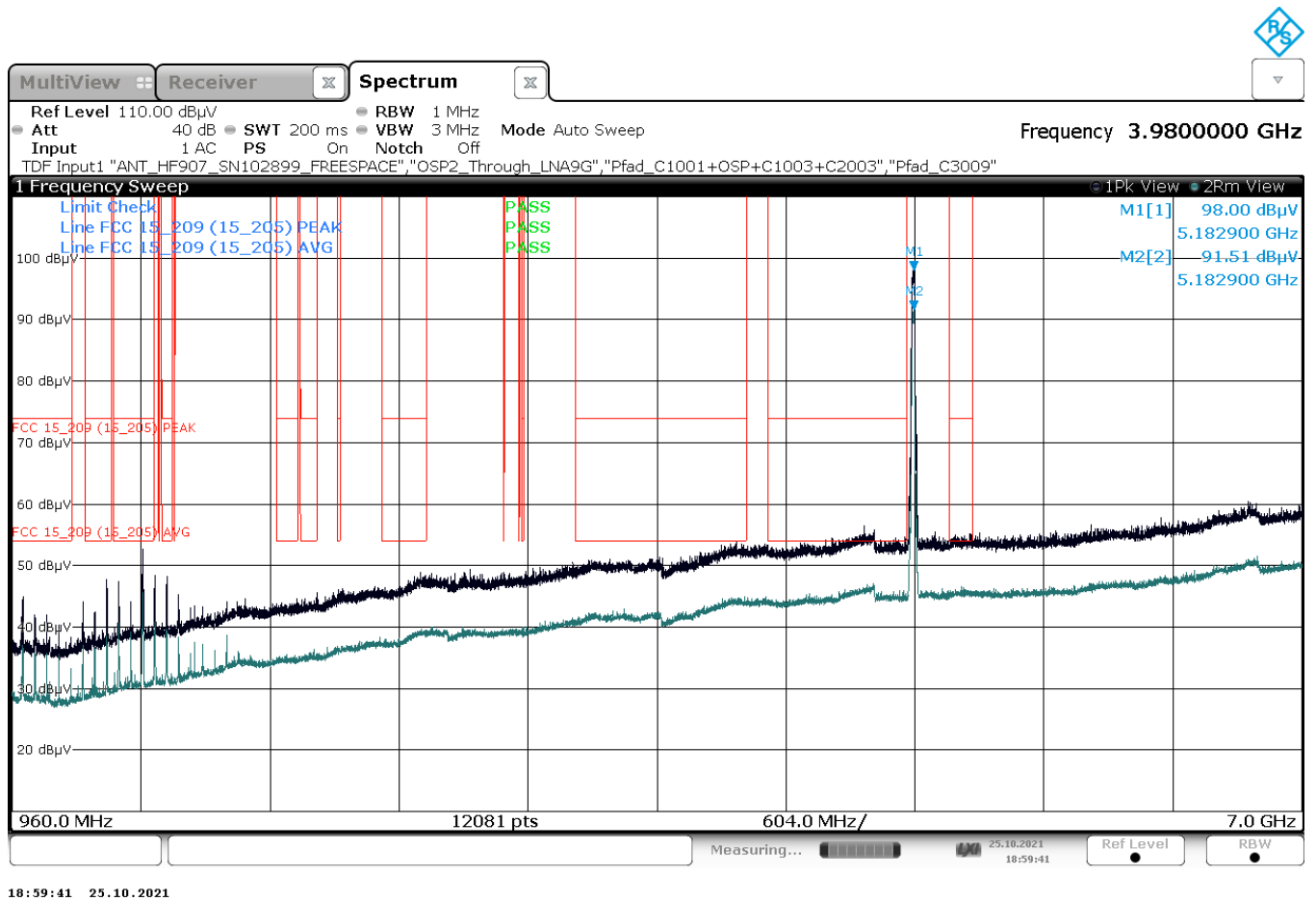
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 38.537500       | 32.83              | 40.00          | 7.17        | 100.0           | 120.000         | 104.0       | H   | -13.0         |

(continuation of the "Final\_Result" table from column 15 ...)

| Frequency (MHz) | Corr. (dB/m) | Comment               |
|-----------------|--------------|-----------------------|
| 38.537500       | 15.7         | 20:13:44 - 11.11.2021 |

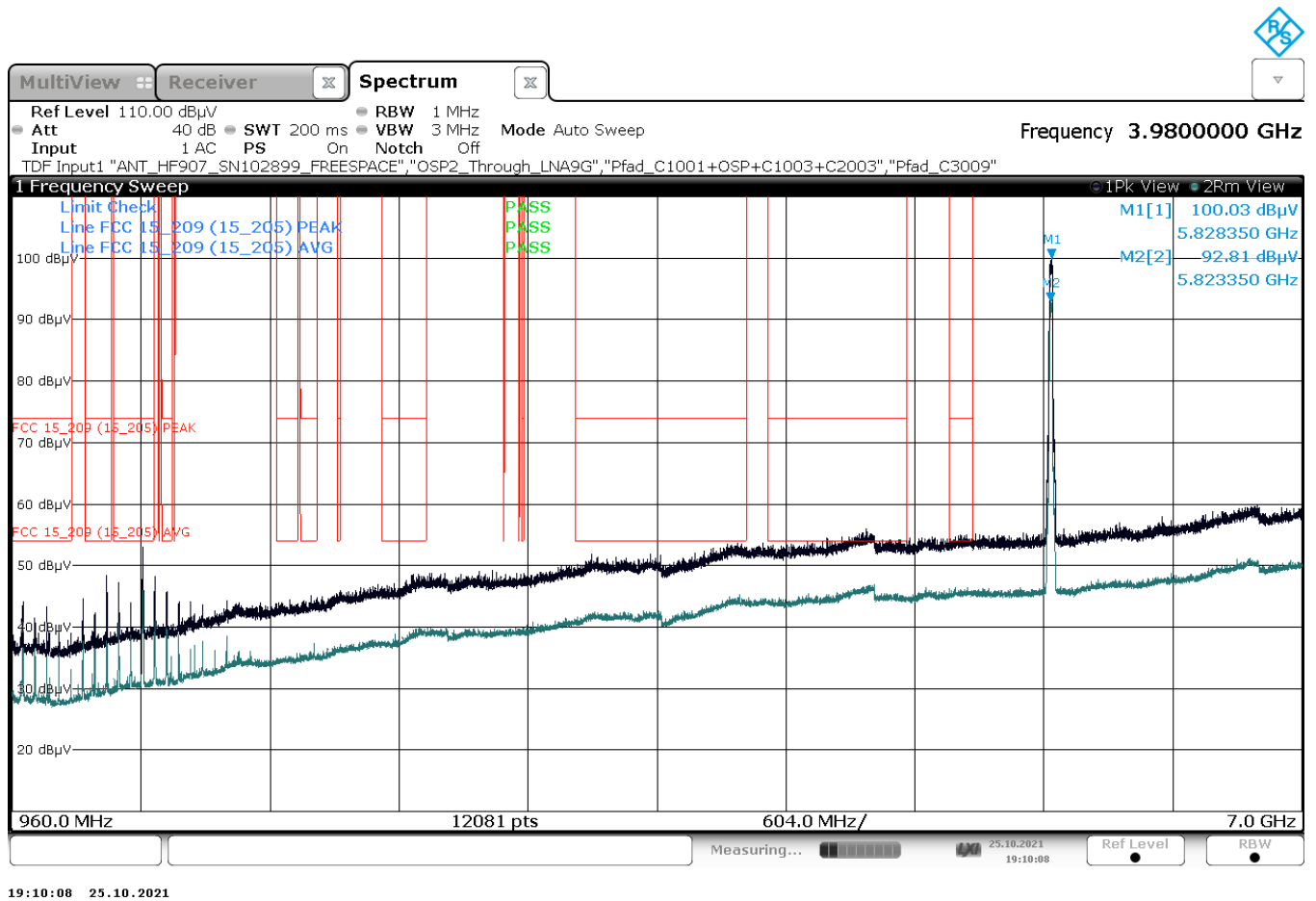
# Annex A of TR no.: 21086128-23003-1

Plot 351: Mode 1, RSE 1 GHz – 7 GHz, channel 36, horizontal / vertical polarisation

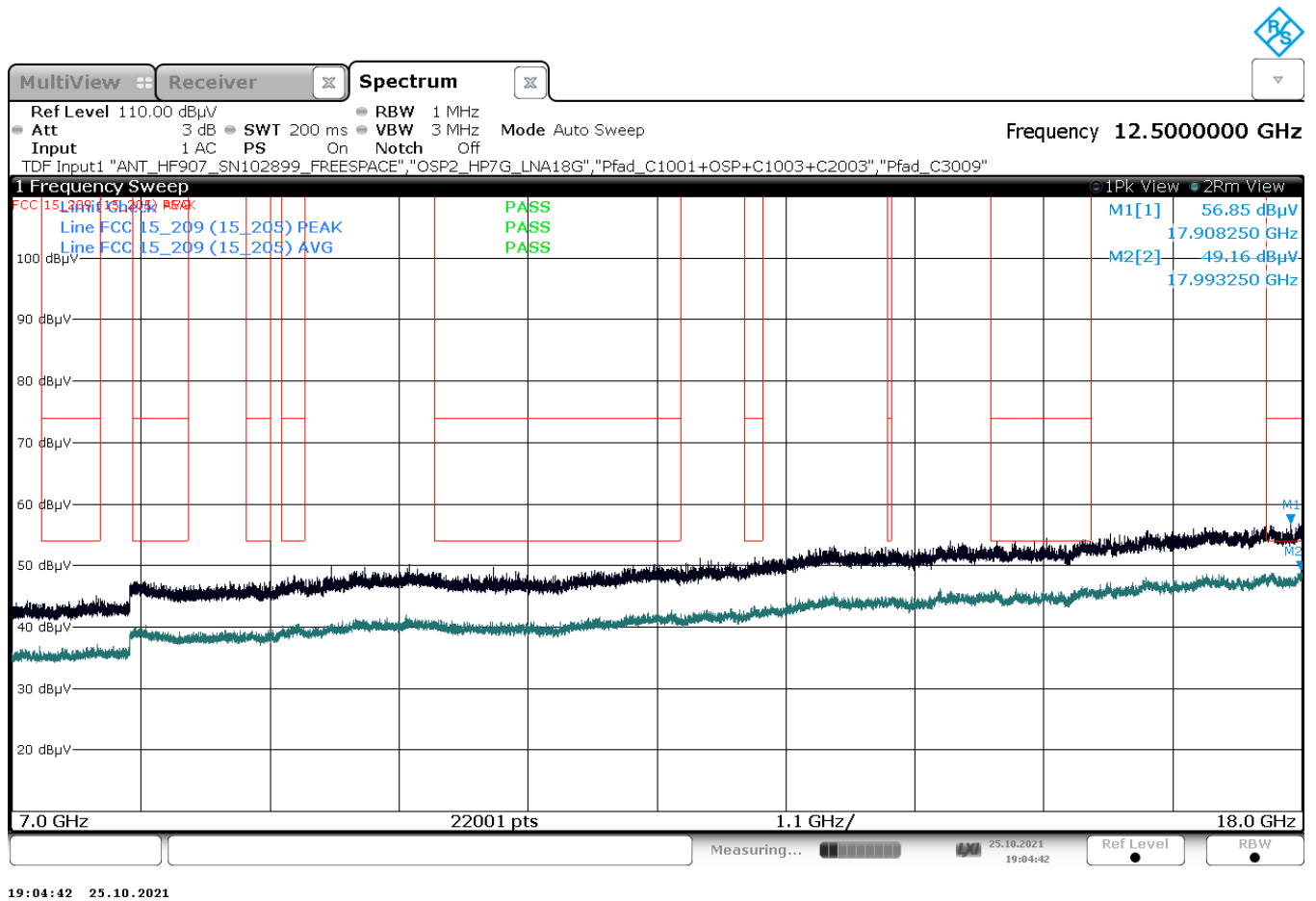


# Annex A of TR no.: 21086128-23003-1

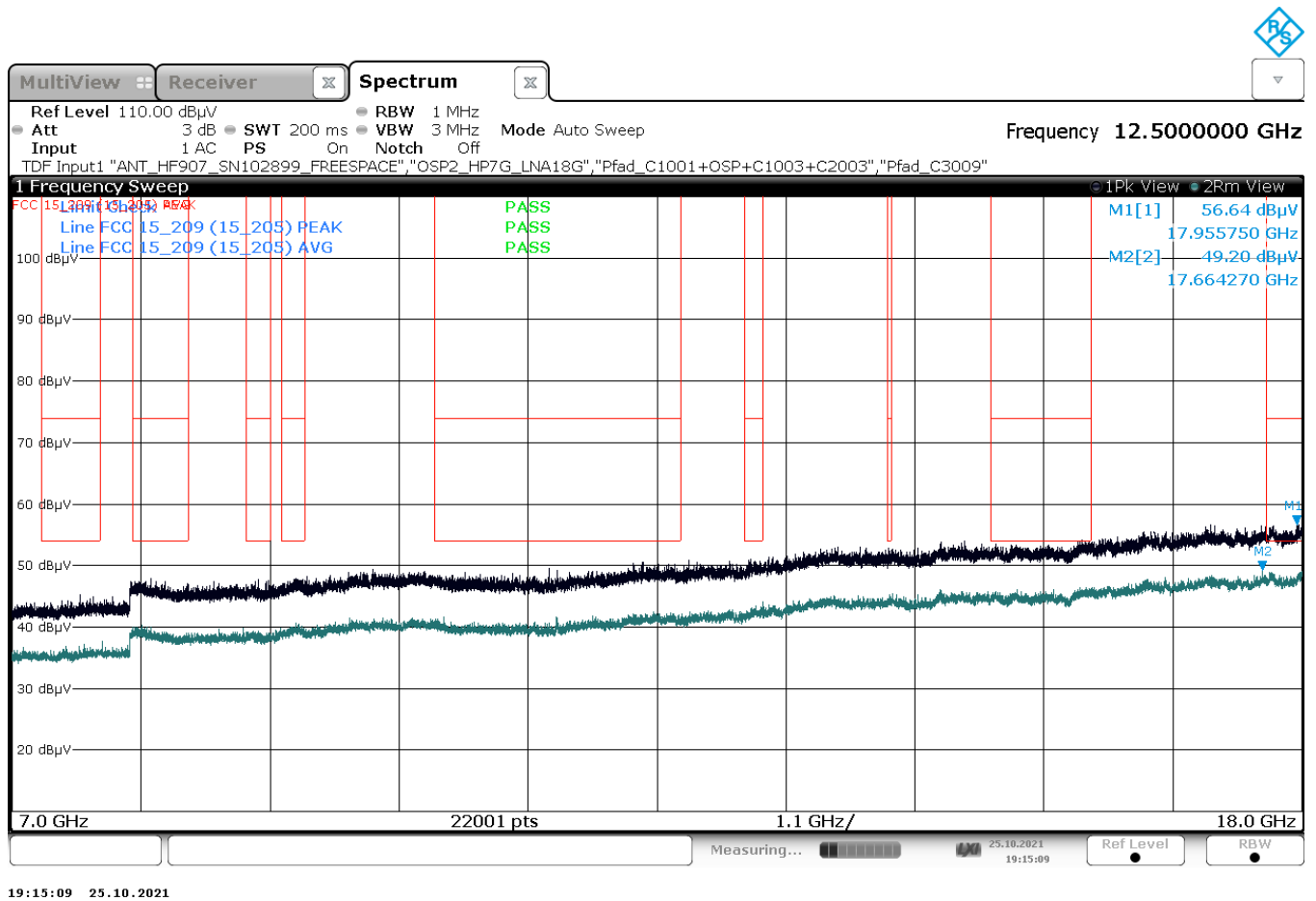
Plot 352: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation



Plot 353: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation



Plot 354: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



## 2.10 Variant ID #62

### DUT Information

DUT Name: prePV 62  
 Manufacturer: Mitsubishi Electric Corporation  
 Serial Number: 66304

#### 2.10.1 RF Output Power (Conducted Peak Power)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.  
 Expanded Combined Uncertainty of absolute Level Measurement (K=2) < 1 dB

### DUT Information

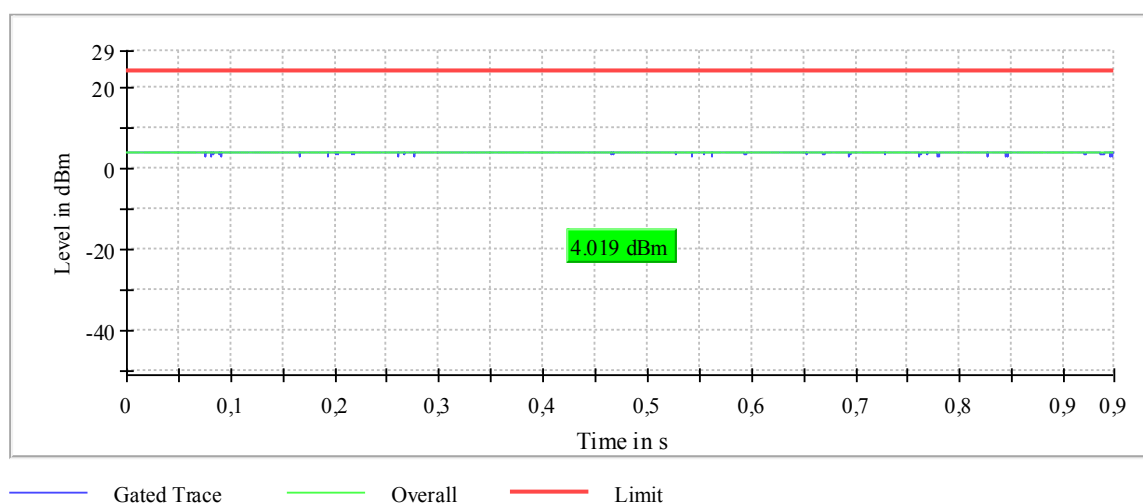
DUT Name: prePV 62  
 Manufacturer: Mitsubishi Electric Corporation  
 Serial Number: 66303

Plot 355: Mode 1, U-NII-1, AVGPM-G Gated Average Power Measurement, low channel

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5180.000000         | 4.0             | 24.0            | 4.0              | 95.222        | PASS   |

Gated Trace

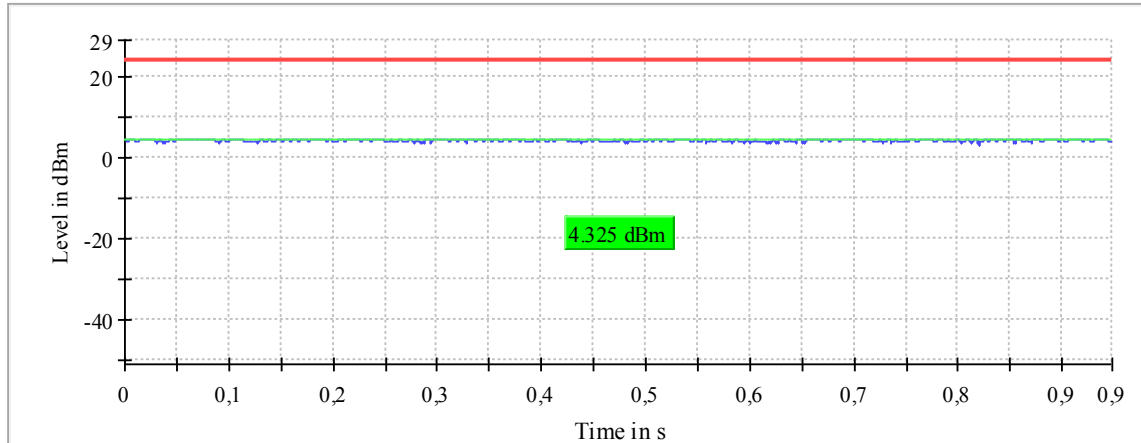


Plot 356: Mode 1, U-NII-1, AVGP-M-G Gated Average Power Measurement, mid channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5220.000000         | 4.3             | 24.0            | 4.3              | 95.037        | PASS   |

Gated Trace



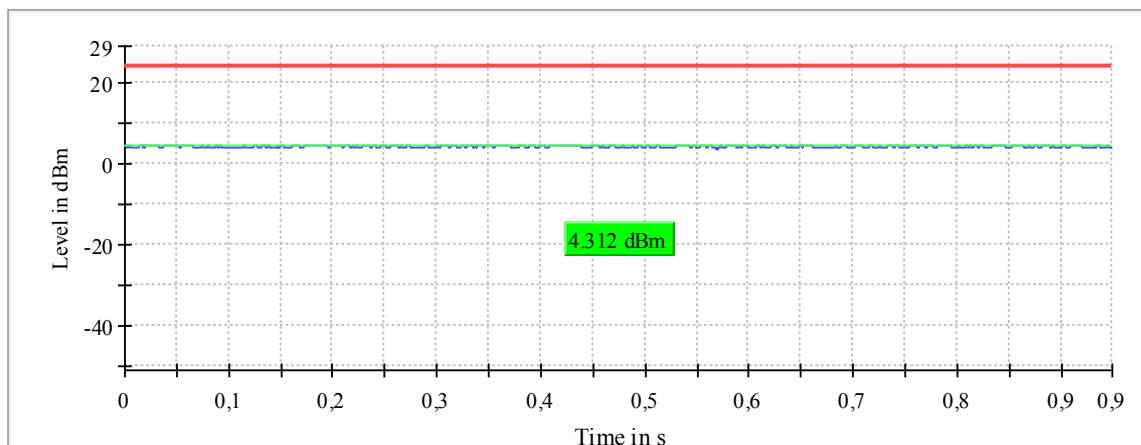
— Gated Trace — Overall — Limit

Plot 357: Mode 1, U-NII-1, AVGP-M-G Gated Average Power Measurement, high channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5240.000000         | 4.3             | 24.0            | 4.3              | 95.208        | PASS   |

Gated Trace



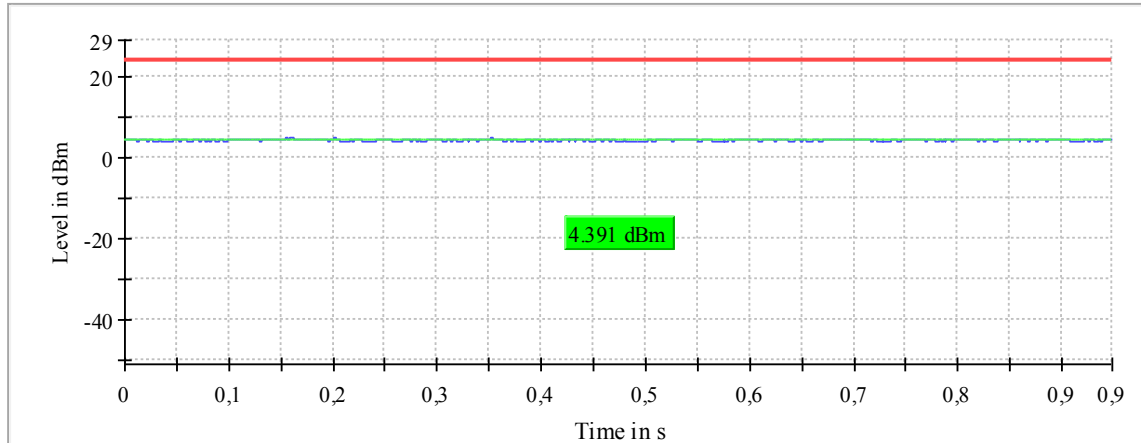
— Gated Trace — Overall — Limit

Plot 358: Mode 1, U-NII-2A, AVGPM-G Gated Average Power Measurement, low channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5260.000000         | 4.4             | 24.0            | 4.4              | 94.967        | PASS   |

Gated Trace



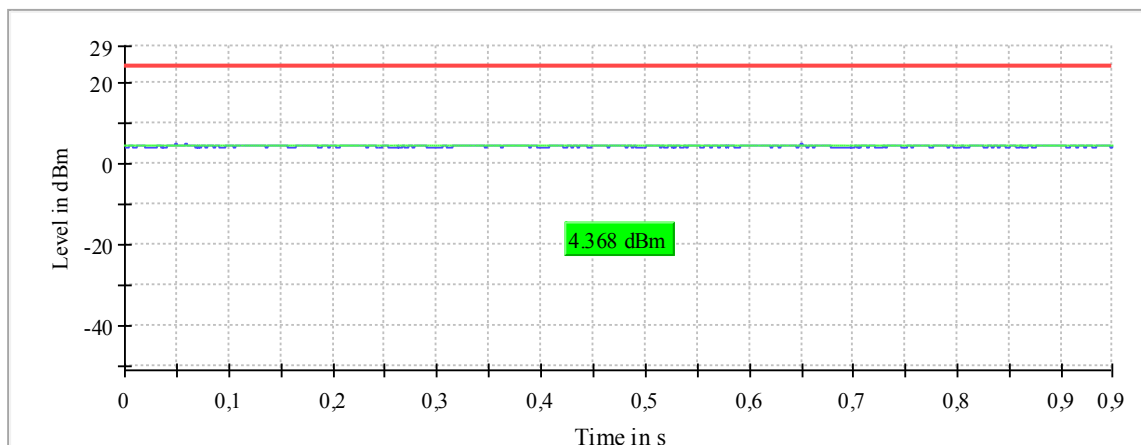
— Gated Trace — Overall — Limit

Plot 359: Mode 1, U-NII-2A, AVGPM-G Gated Average Power Measurement, mid channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5300.000000         | 4.4             | 24.0            | 4.4              | 95.056        | PASS   |

Gated Trace



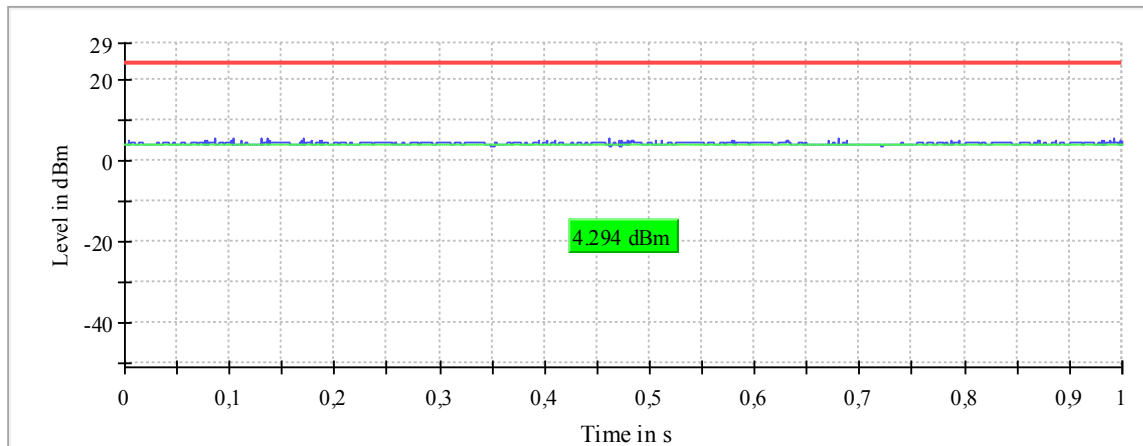
— Gated Trace — Overall — Limit

Plot 360: Mode 1, U-NII-2A, AVGPM-G Gated Average Power Measurement, high channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5320.000000         | 4.3             | 24.0            | 4.3              | 95.273        | PASS   |

Gated Trace



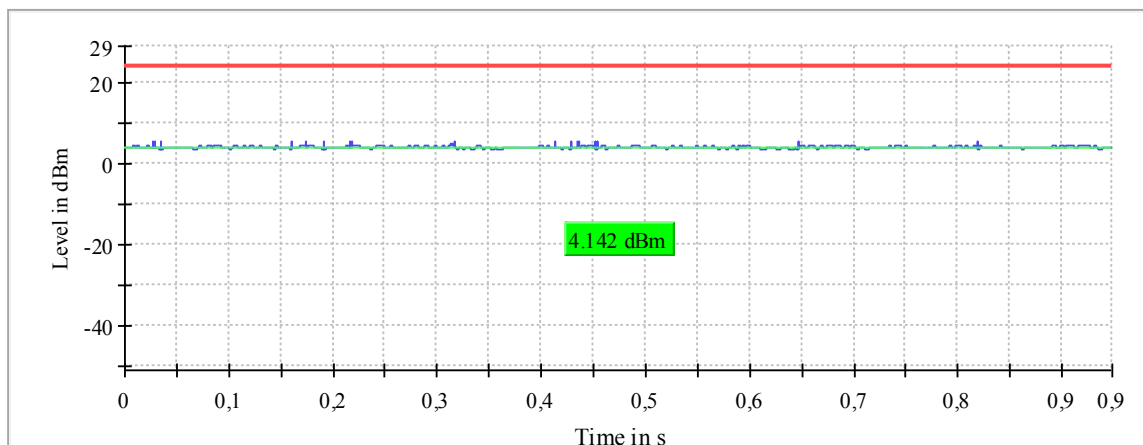
— Gated Trace — Overall — Limit

Plot 361: Mode 1, U-NII-2C, AVGPM-G Gated Average Power Measurement, low channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5500.000000         | 4.1             | 24.0            | 4.1              | 95.036        | PASS   |

Gated Trace



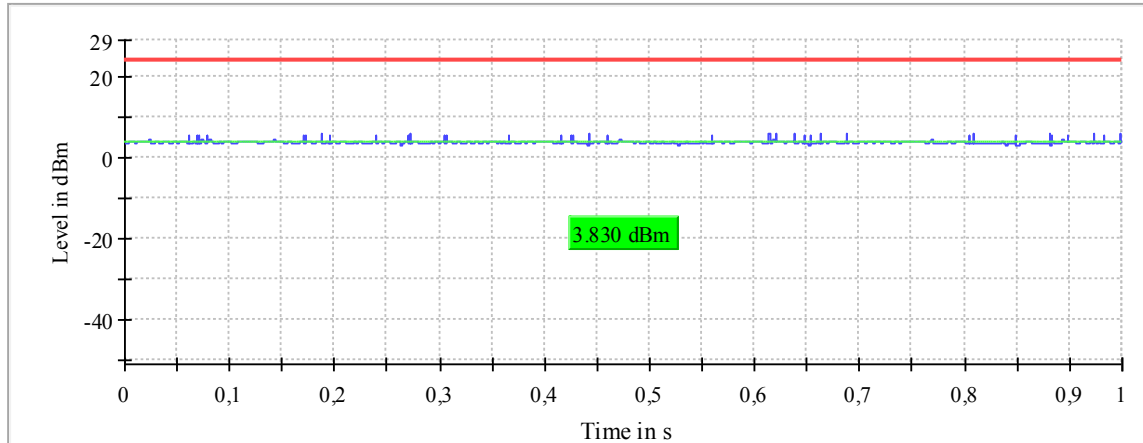
— Gated Trace — Overall — Limit

Plot 362: Mode 1, U-NII-2C, AVGPM-G Gated Average Power Measurement, mid channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5600.000000         | 3.8             | 24.0            | 3.8              | 95.136        | PASS   |

Gated Trace



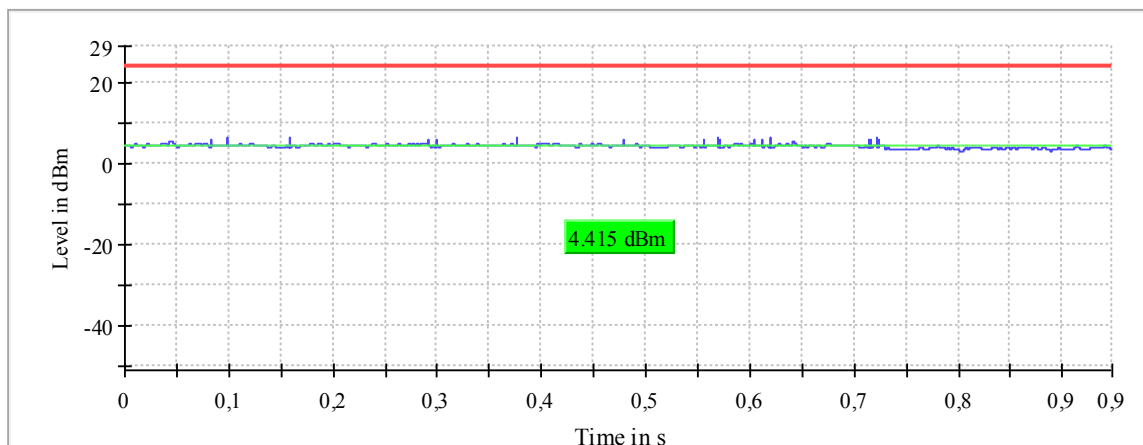
— Gated Trace — Overall — Limit

Plot 363: Mode 1, U-NII-2C, AVGPM-G Gated Average Power Measurement, high channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5700.000000         | 4.4             | 24.0            | 4.4              | 94.873        | PASS   |

Gated Trace



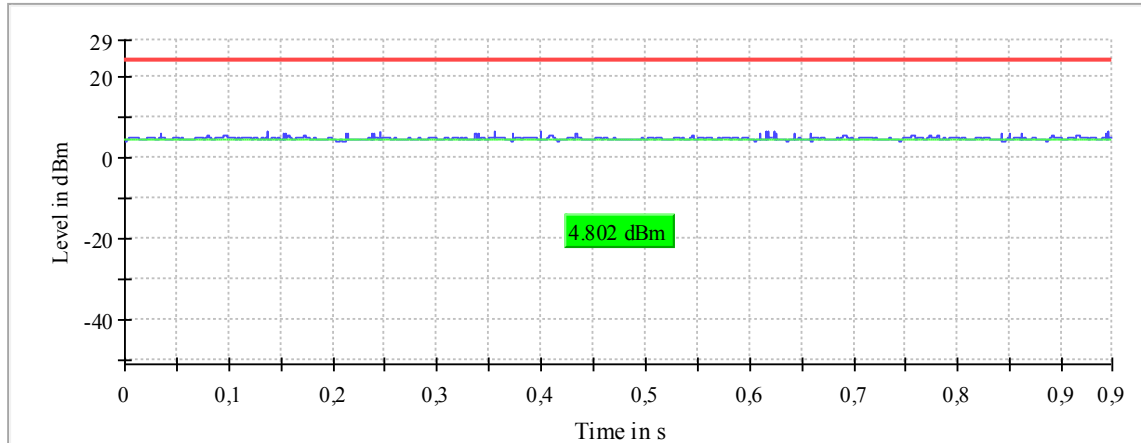
— Gated Trace — Overall — Limit

Plot 364: Mode 1, U-NII-2C, AVGPM-G Gated Average Power Measurement, channel 144

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5720.000000         | 4.8             | 24.0            | 4.8              | 94.940        | PASS   |

Gated Trace



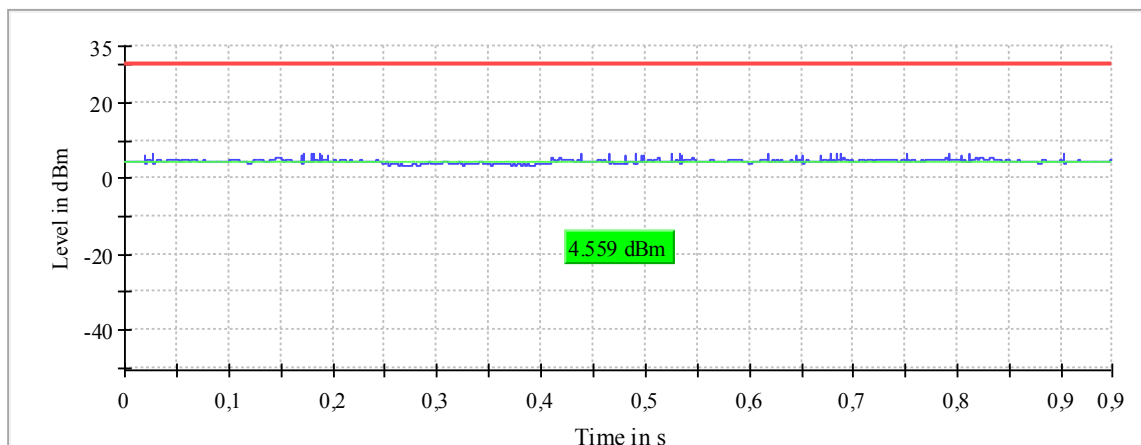
— Gated Trace — Overall — Limit

Plot 365: Mode 1, U-NII-3, AVGPM-G Gated Average Power Measurement, low channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5745.000000         | 4.6             | 30.0            | 4.6              | 94.995        | PASS   |

Gated Trace



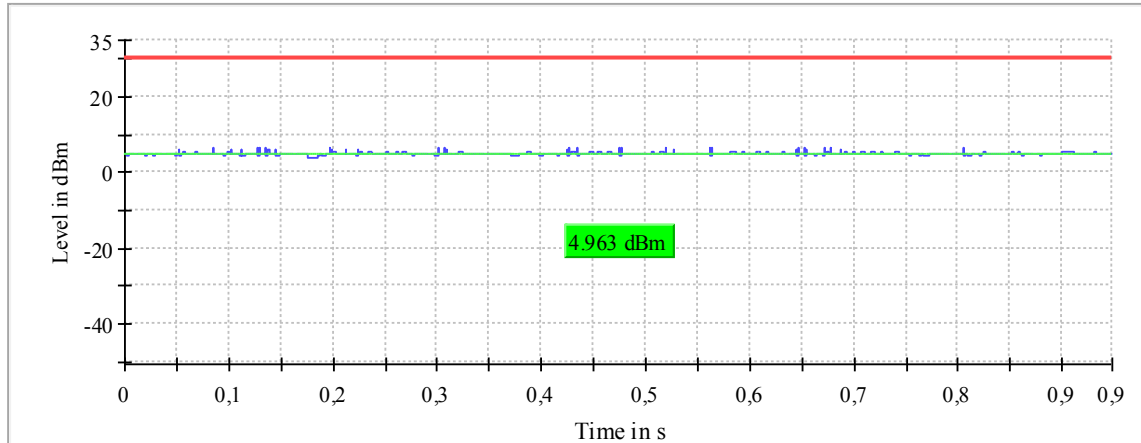
— Gated Trace — Overall — Limit

Plot 366: Mode 1, U-NII-3, AVGPM-G Gated Average Power Measurement, mid channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5785.000000         | 5.0             | 30.0            | 5.0              | 95.141        | PASS   |

Gated Trace



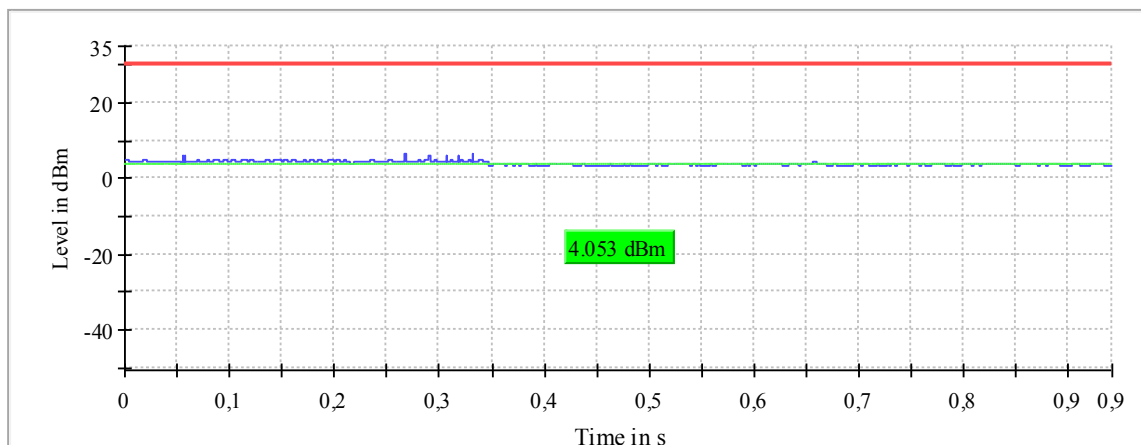
— Gated Trace — Overall — Limit

Plot 367: Mode 1, U-NII-3, AVGPM-G Gated Average Power Measurement, high channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5825.000000         | 4.1             | 30.0            | 4.1              | 94.470        | PASS   |

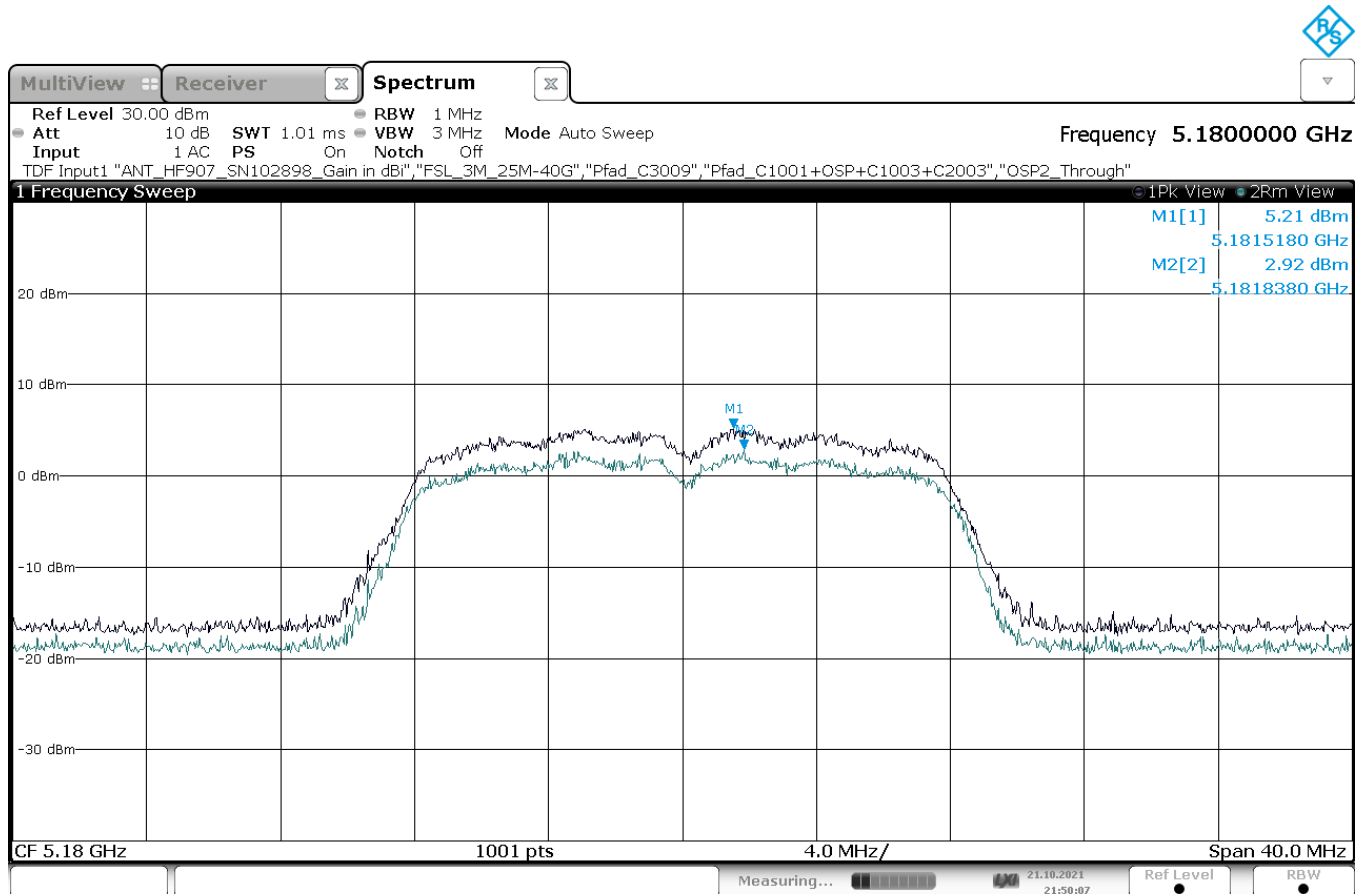
Gated Trace



— Gated Trace — Overall — Limit

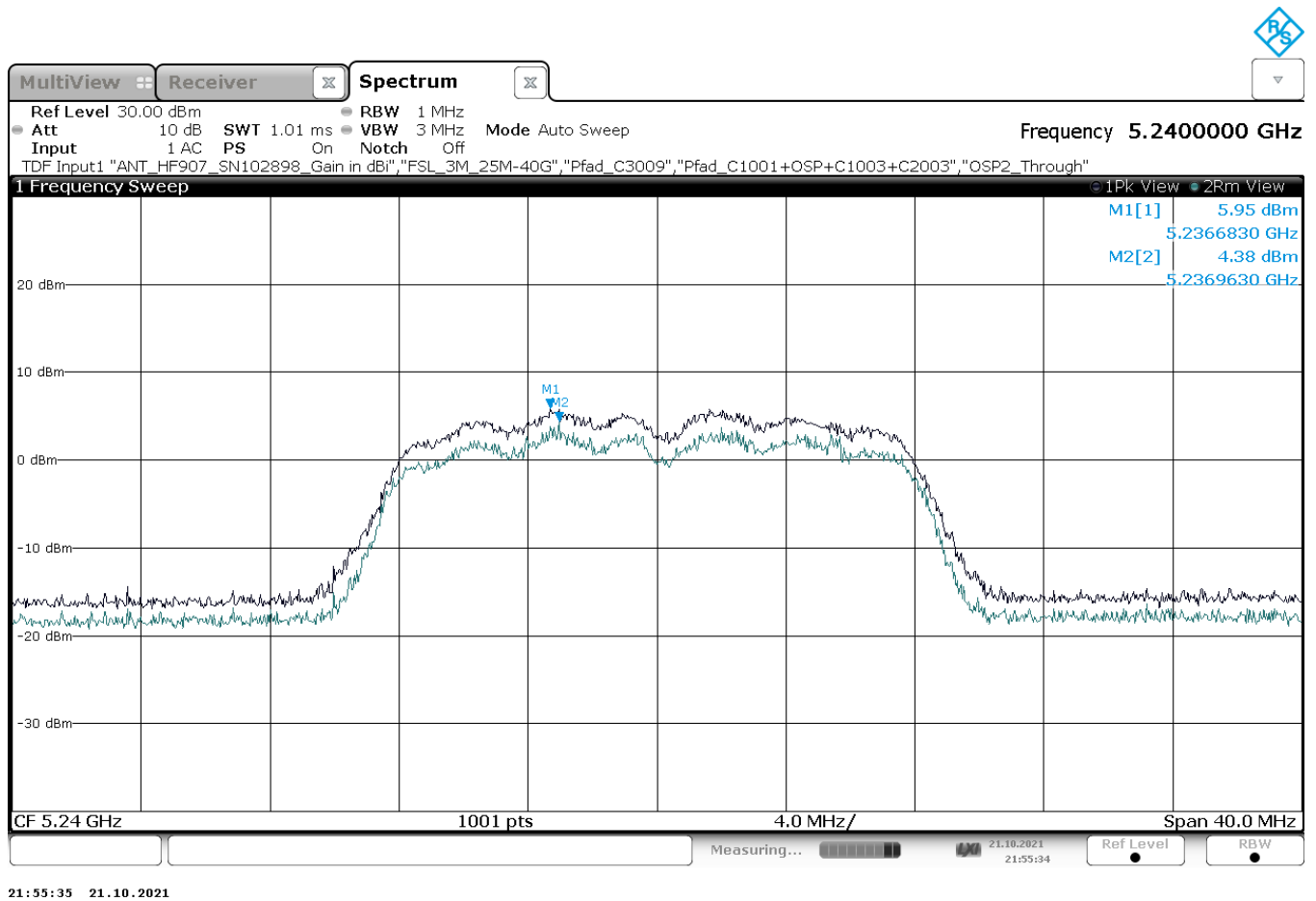
## 2.10.2 Radiated Peak Power (Peak EIRP)

Plot 368: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 36, 5180 MHz

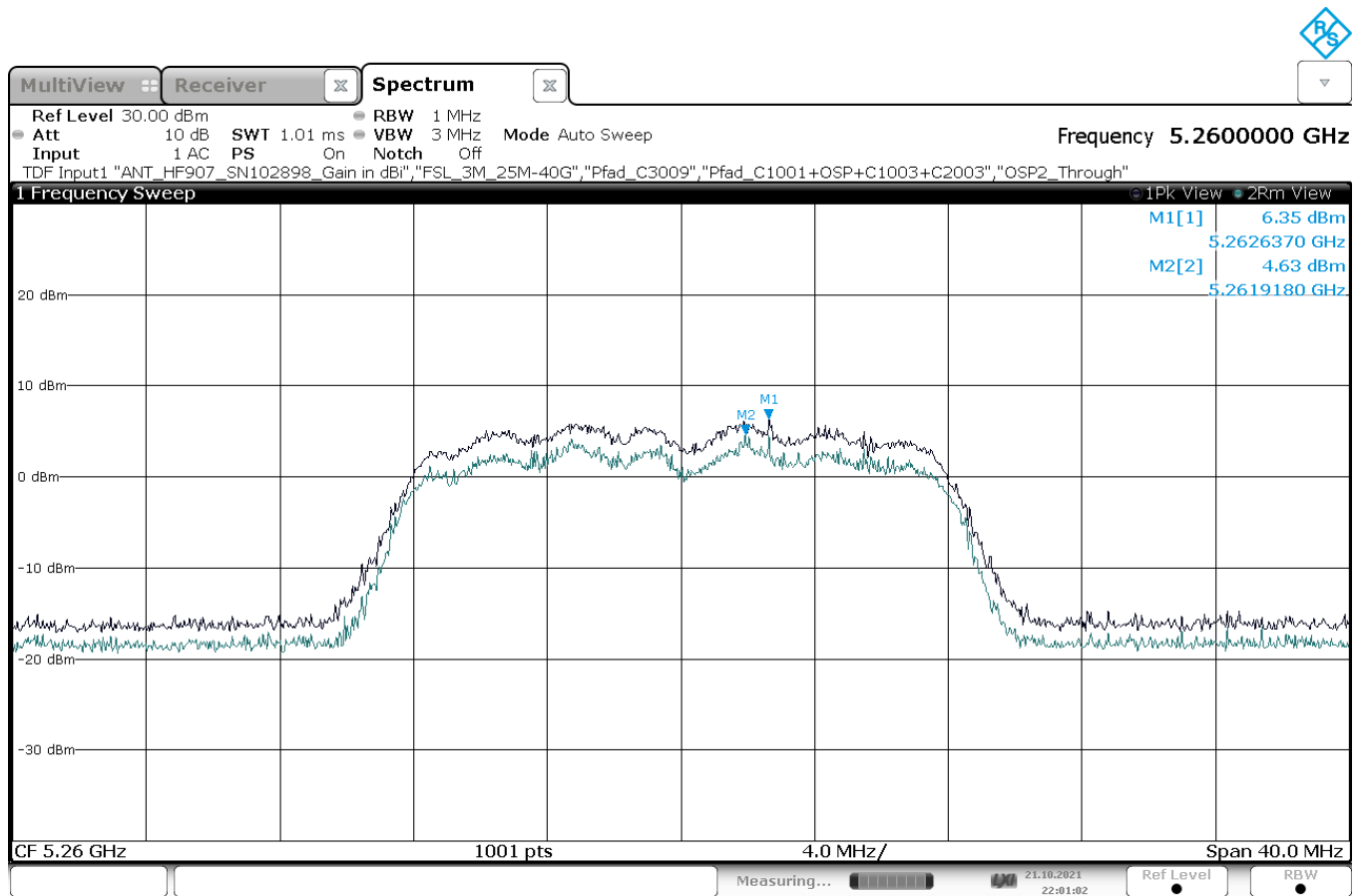


21:50:07 21.10.2021

Plot 369: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 48, 5240 MHz

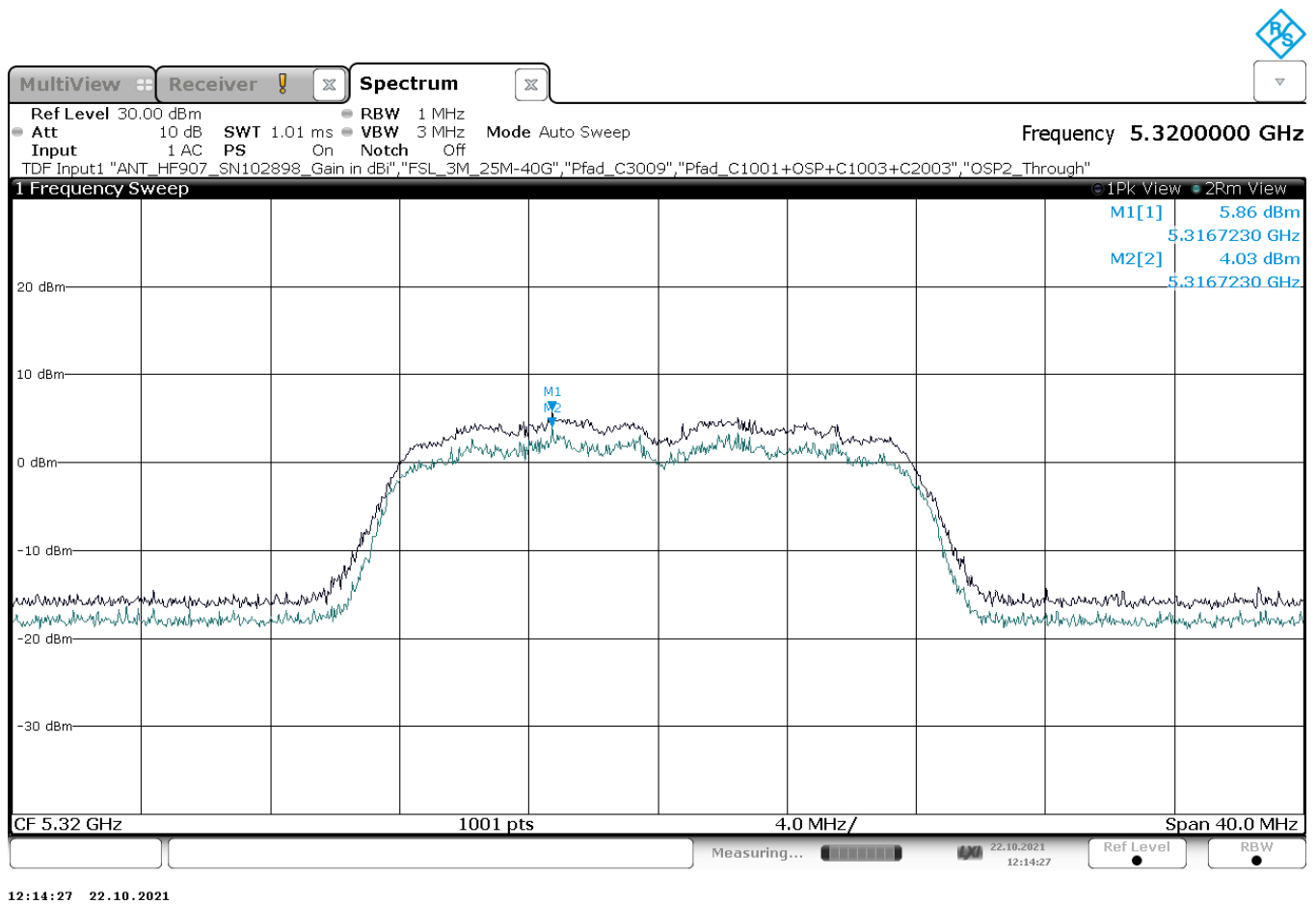


Plot 370: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 52, 5260 MHz



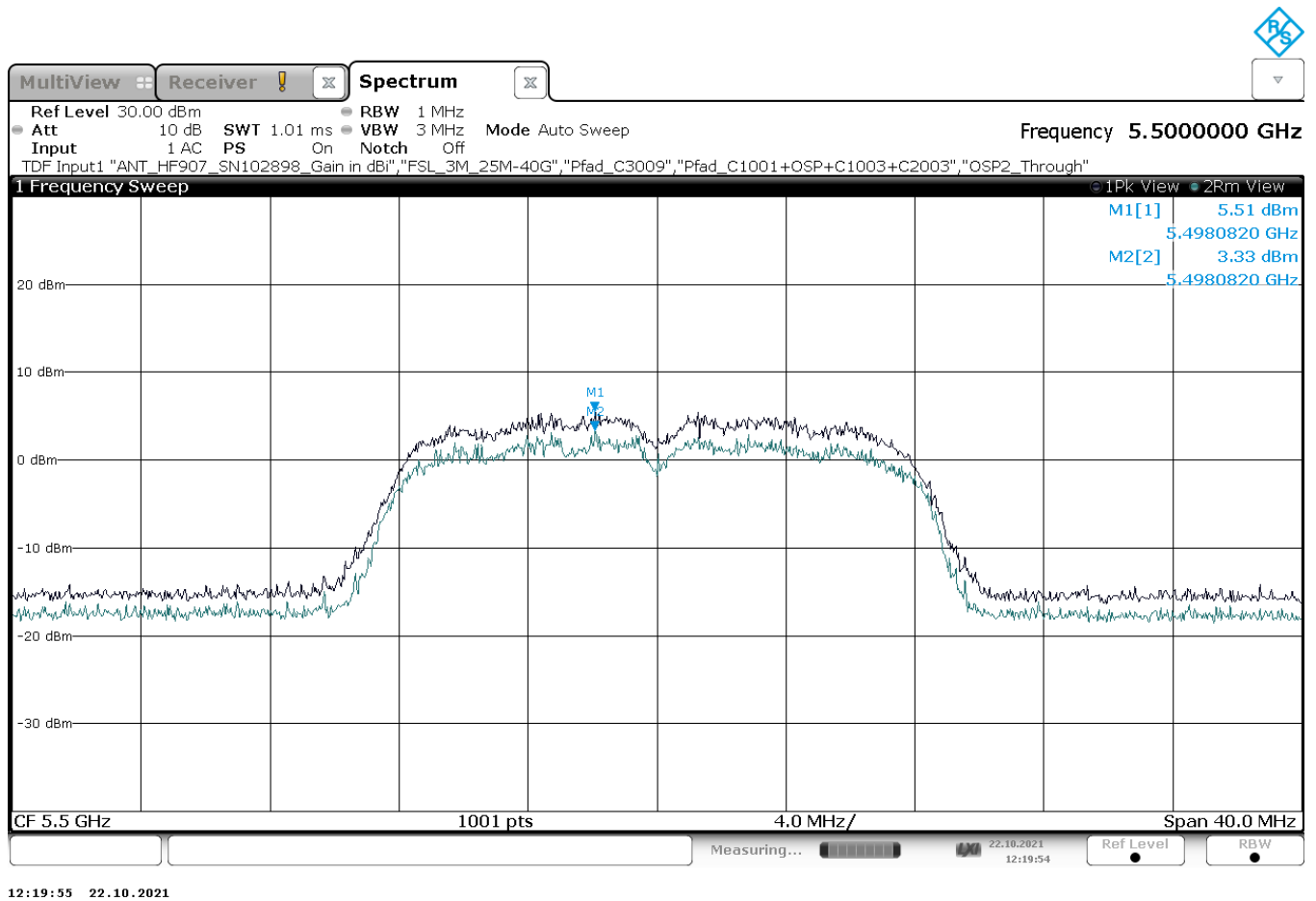
22:01:02 21.10.2021

Plot 371: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 64, 5320 MHz

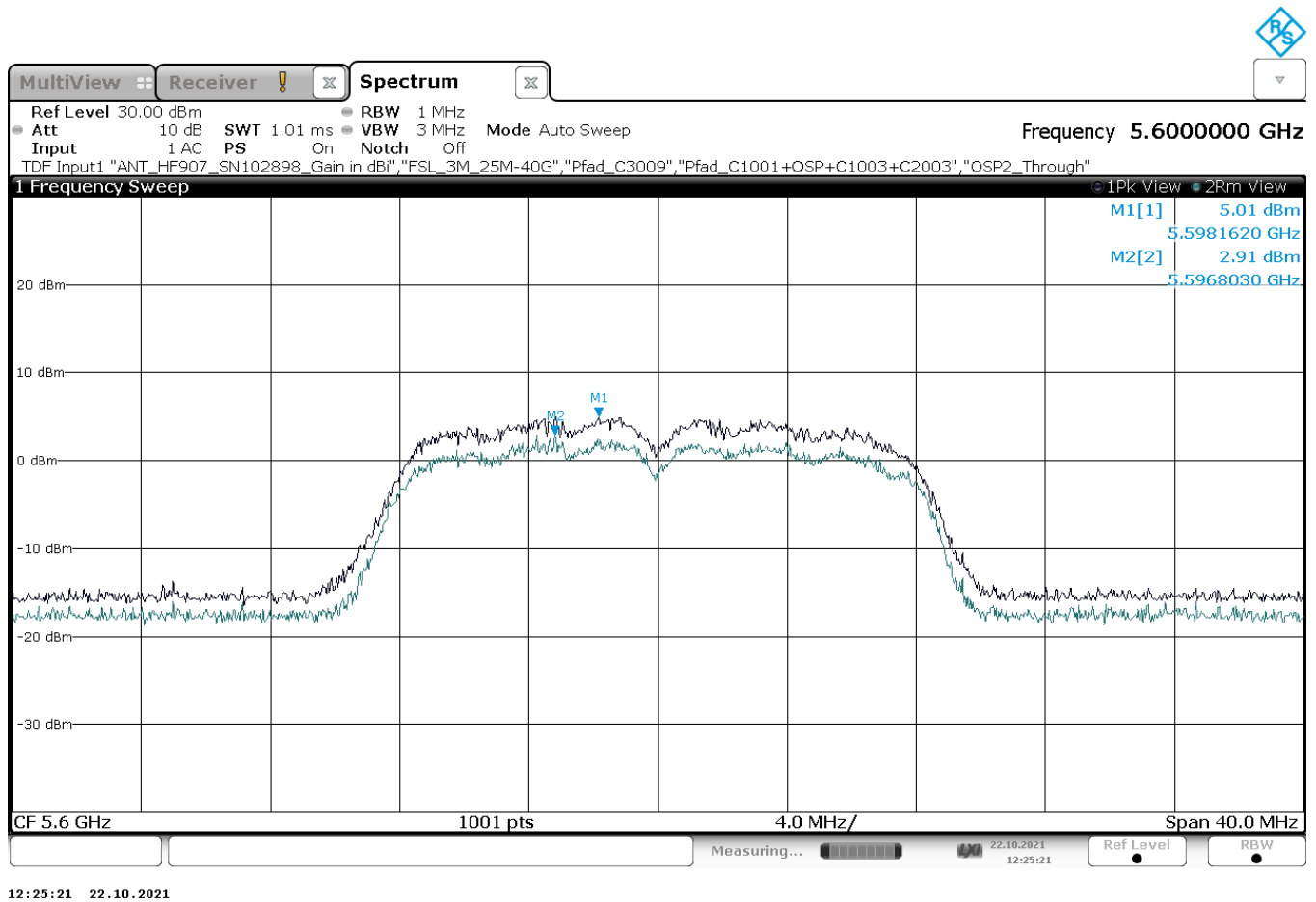


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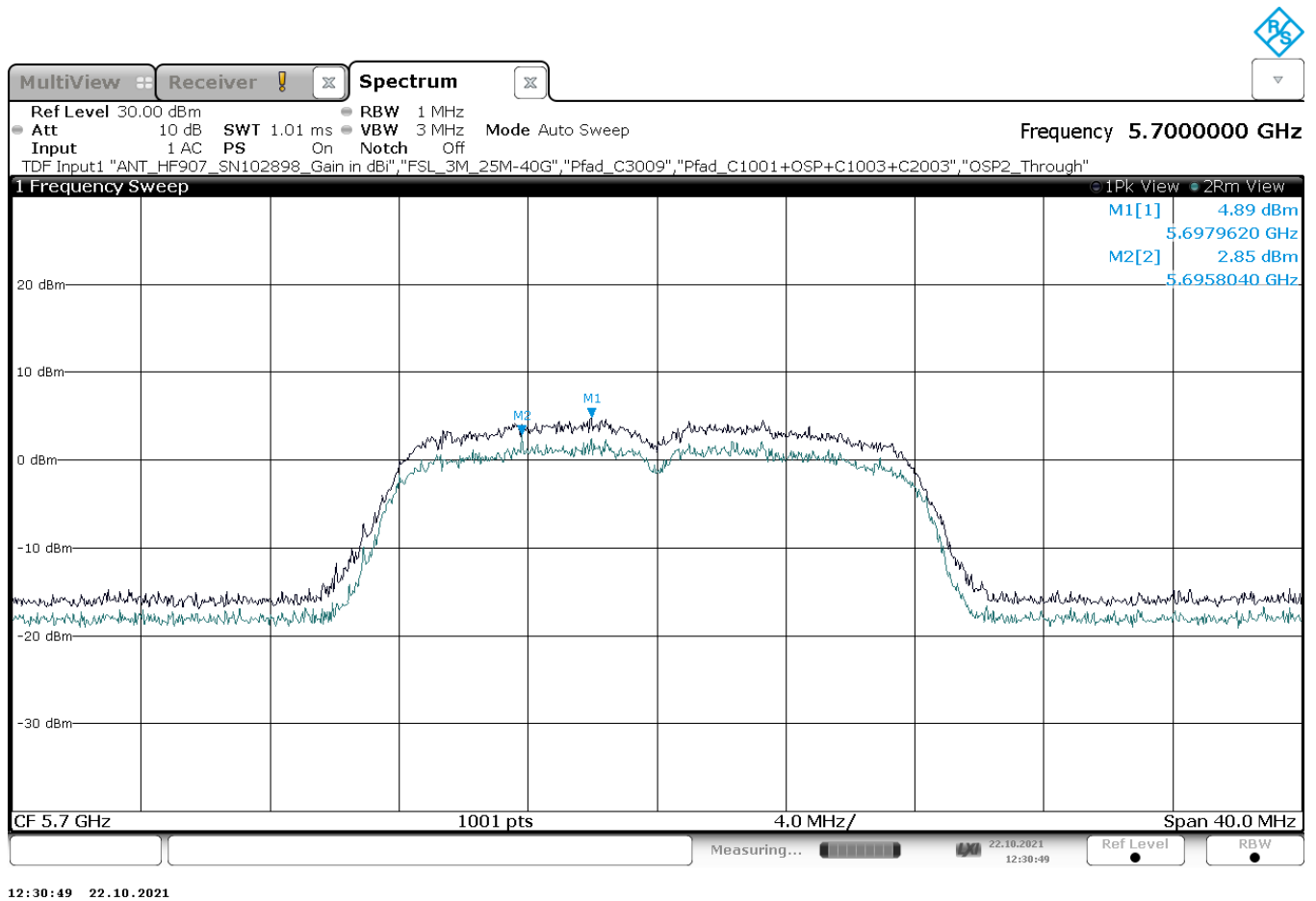
Plot 372: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 100, 5500 MHz



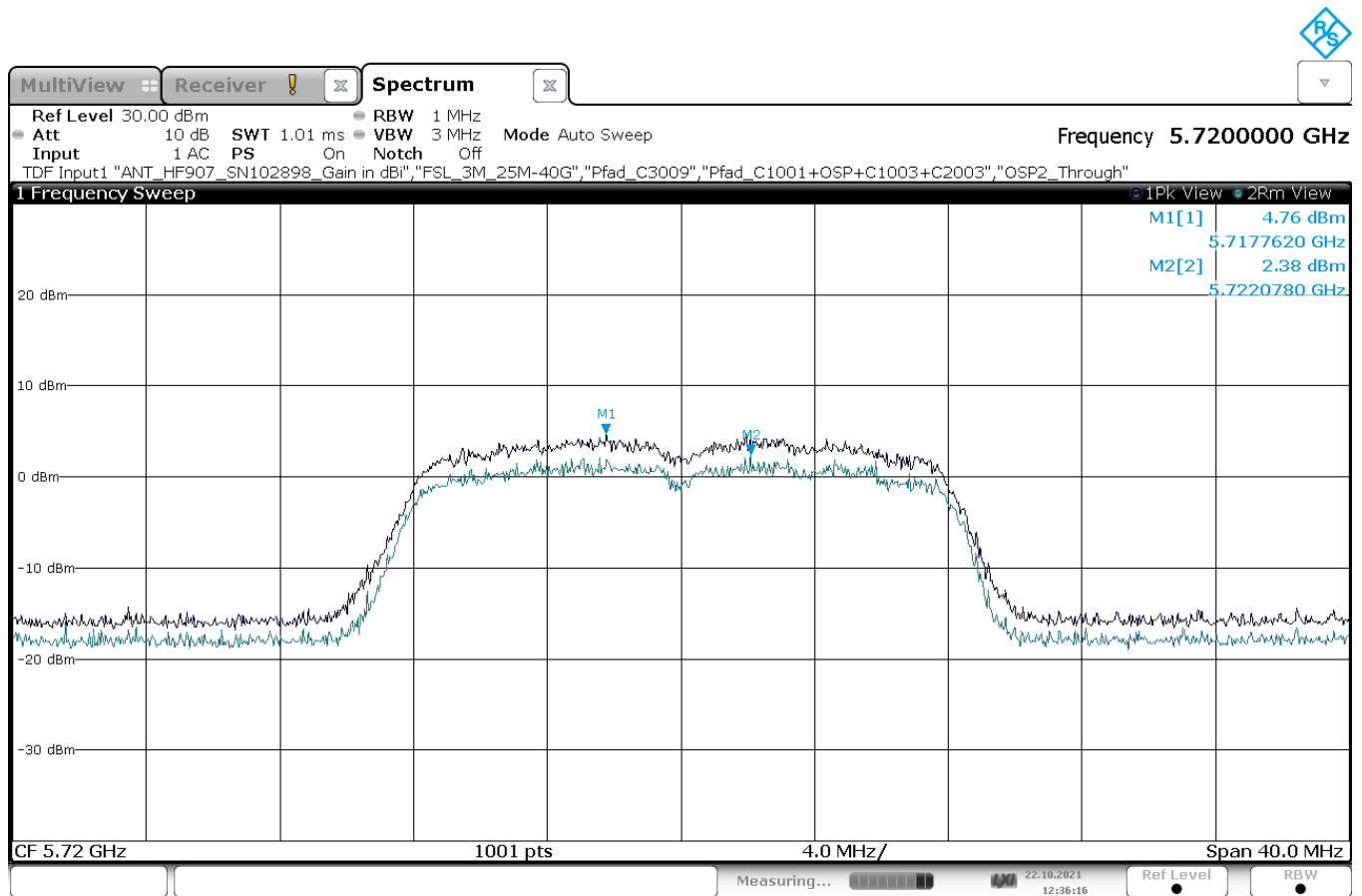
Plot 373: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 120, 5600 MHz



Plot 374: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 140, 5700 MHz

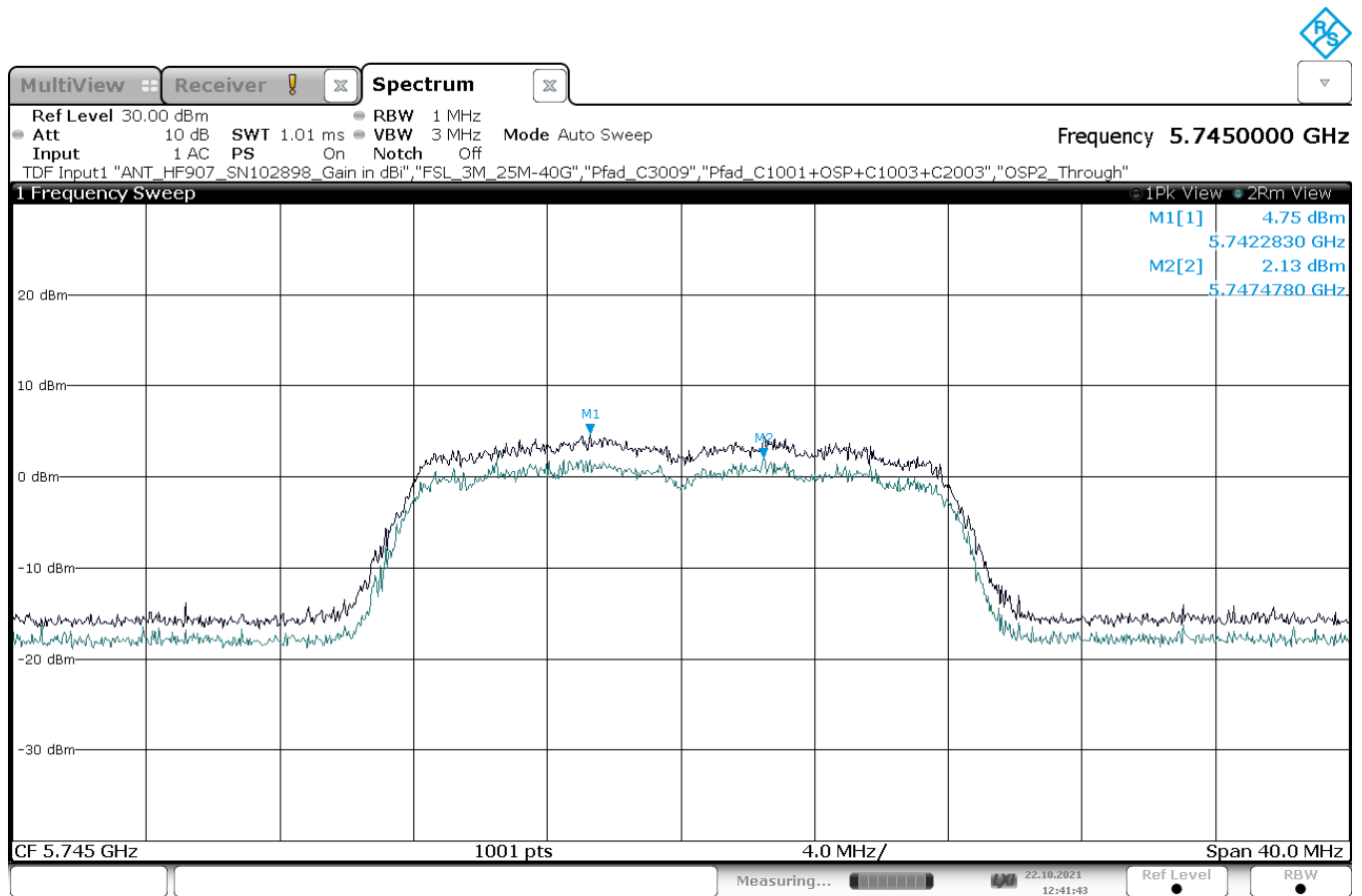


Plot 375: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 144, 5720 MHz



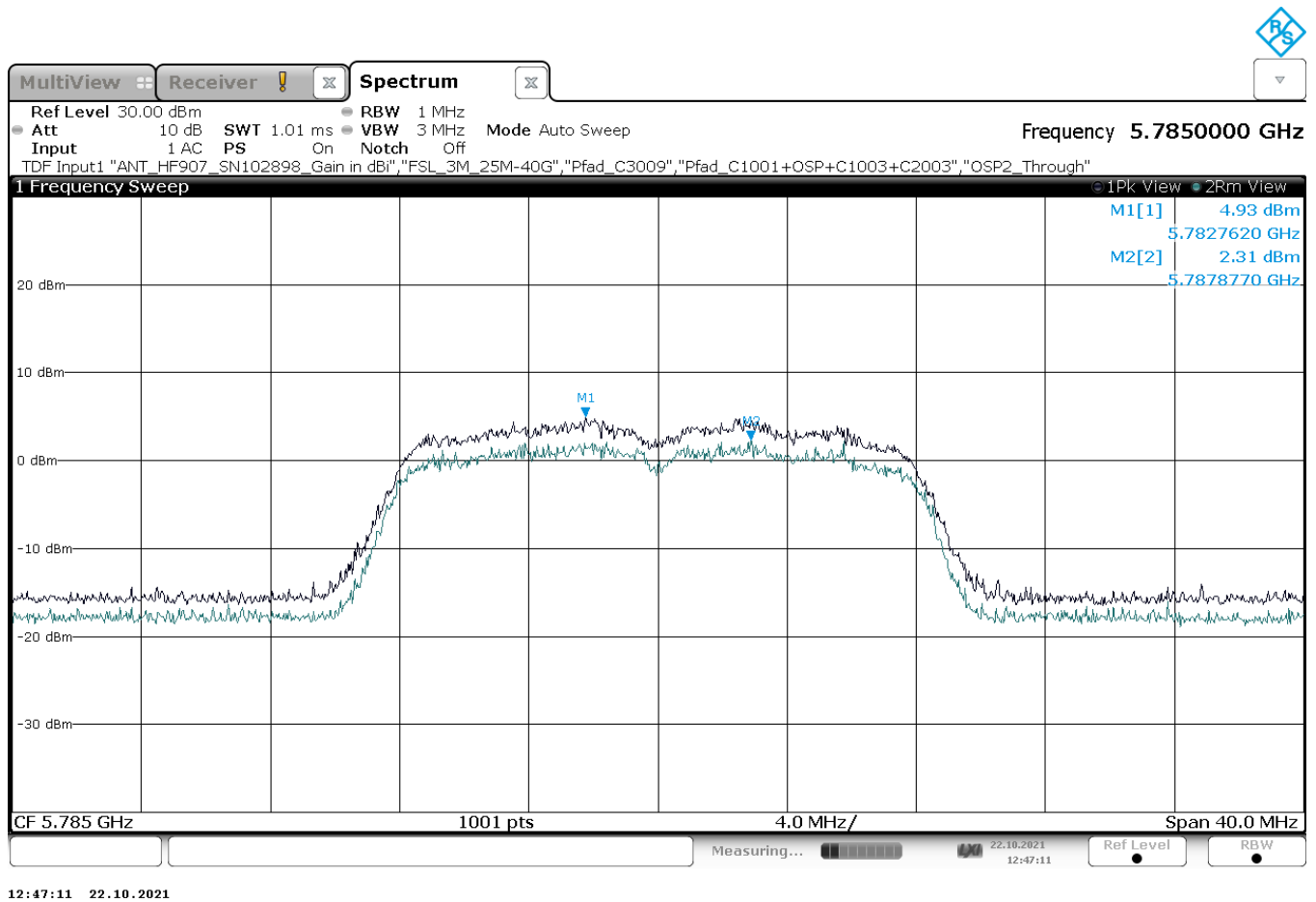
12:36:16 22.10.2021

Plot 376: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 149, 5745 MHz

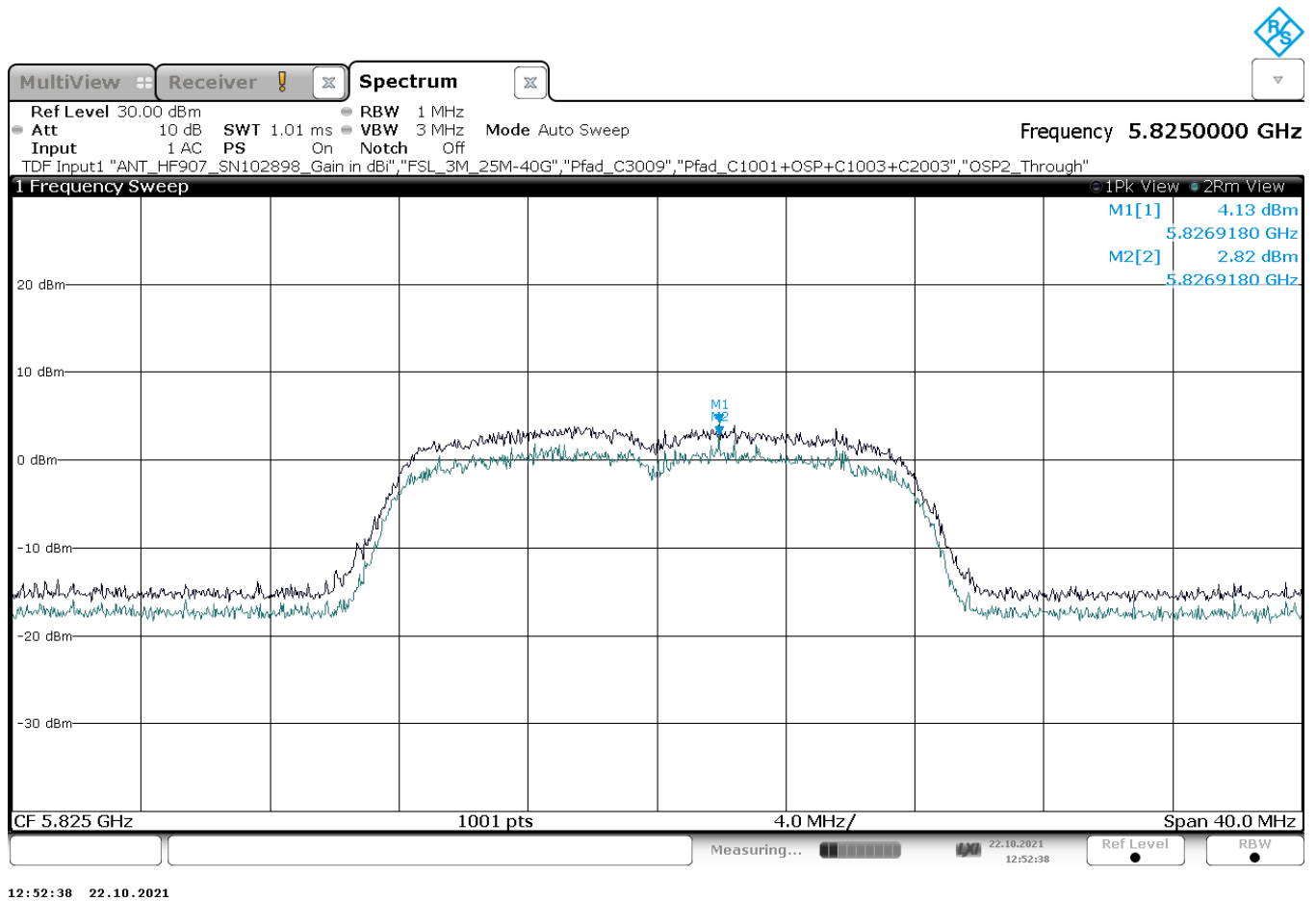


12:41:44 22.10.2021

Plot 377: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 157, 5785 MHz

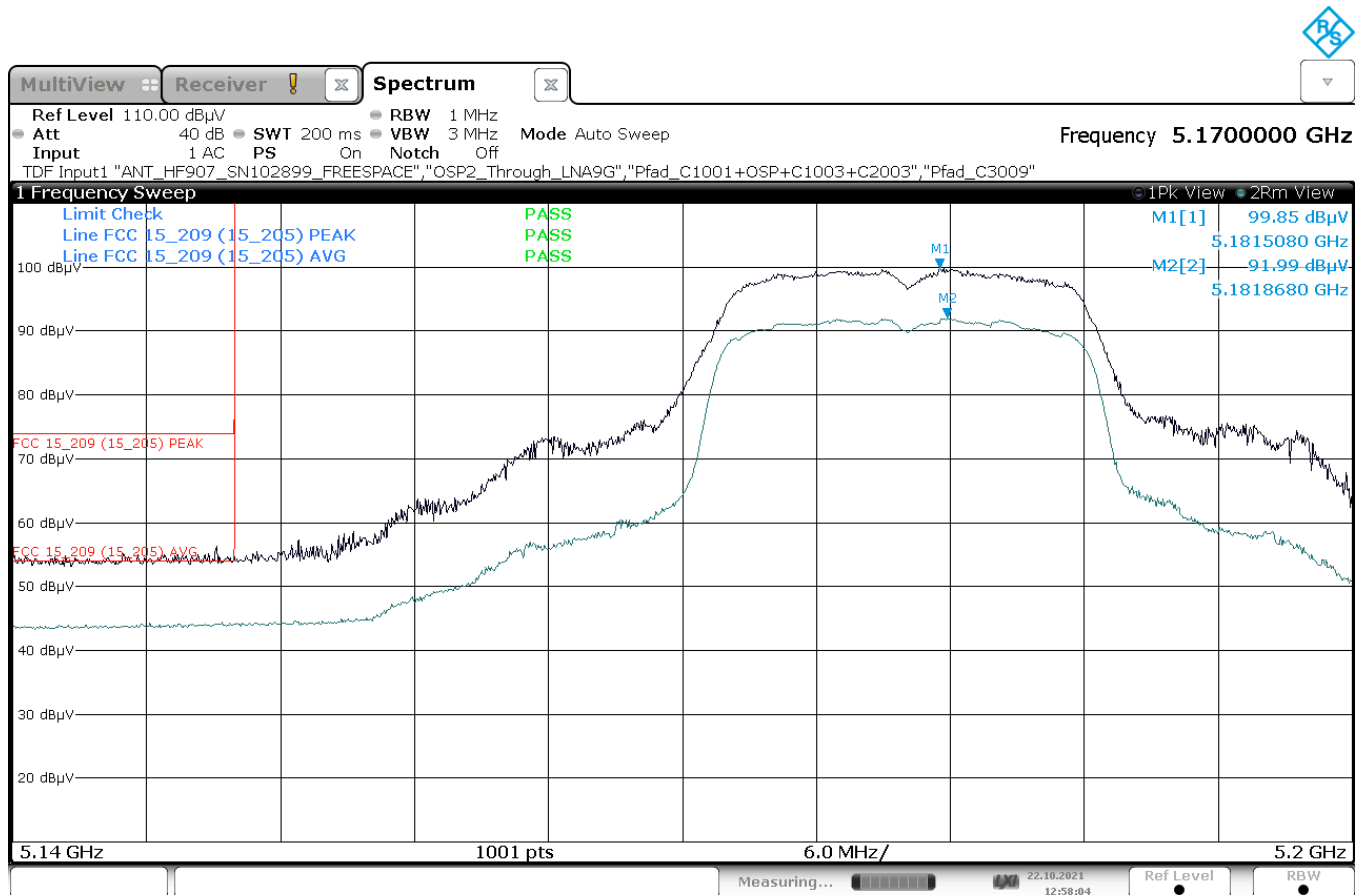


Plot 378: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 165, 5825 MHz



### 2.10.3 Band Edge Compliance (BEC), radiated

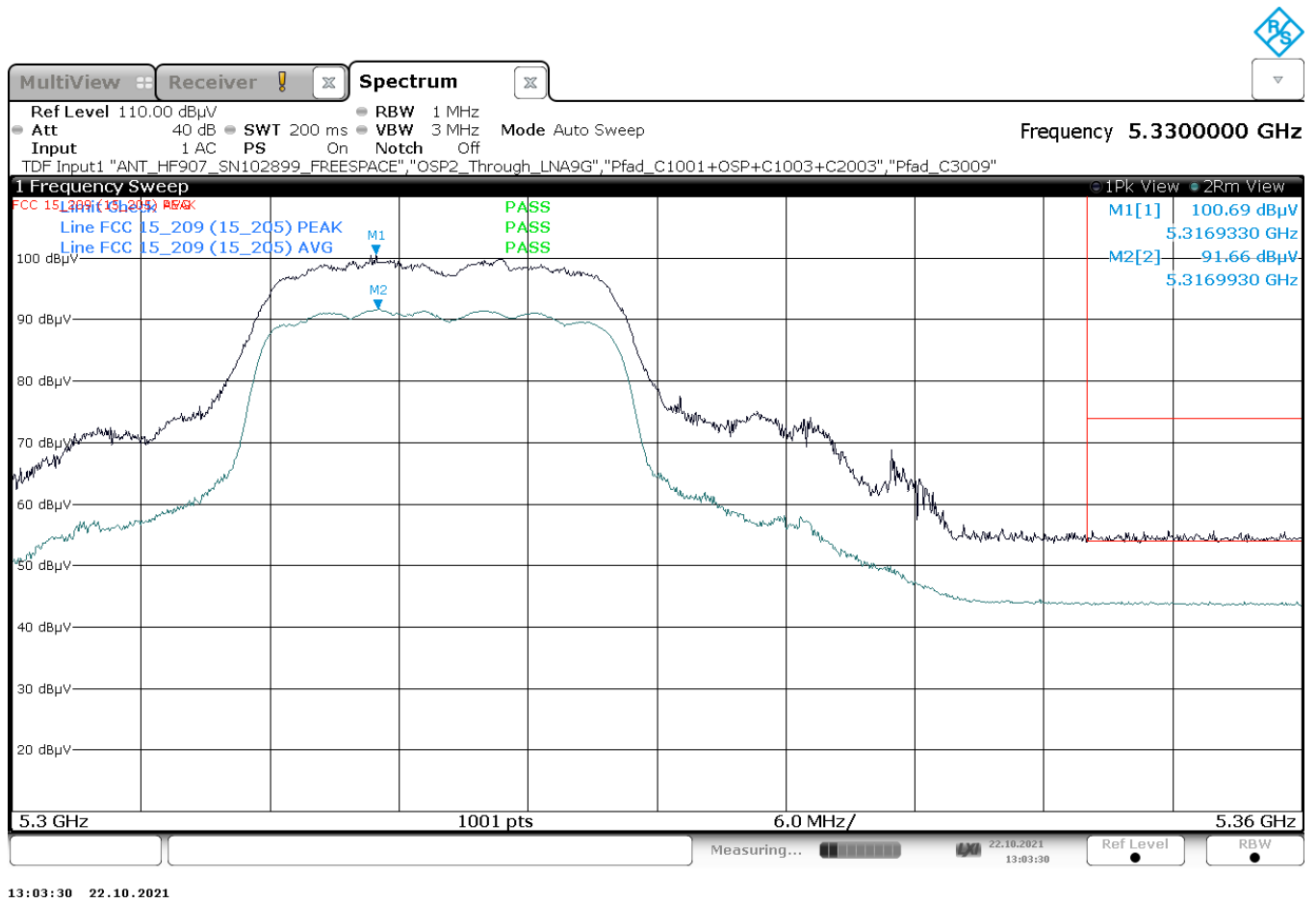
Plot 379: Mode 1, a-mode, BEC low, channel 36, 5180 MHz



12:58:04 22.10.2021

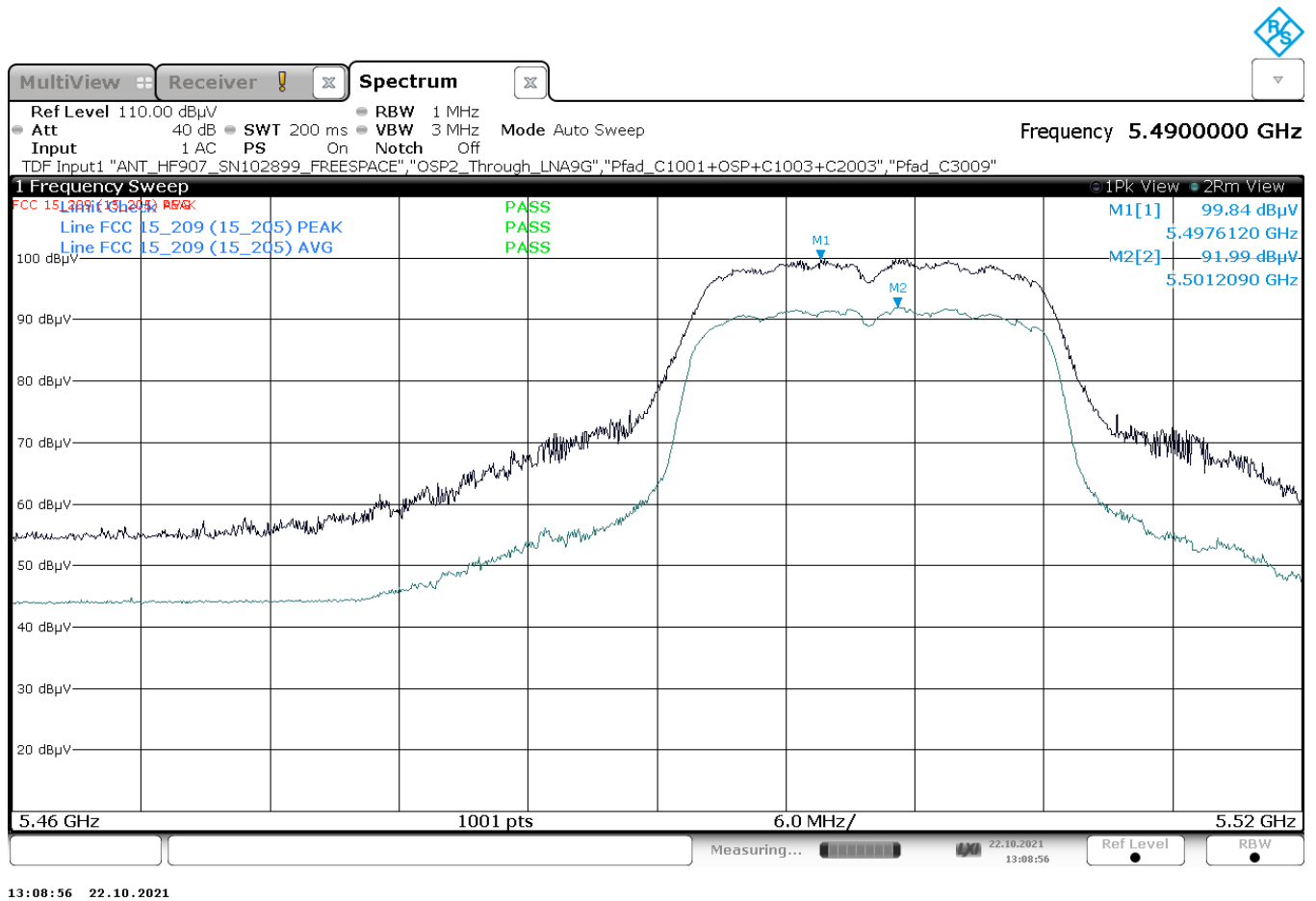
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Plot 380: Mode 1, a-mode, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth



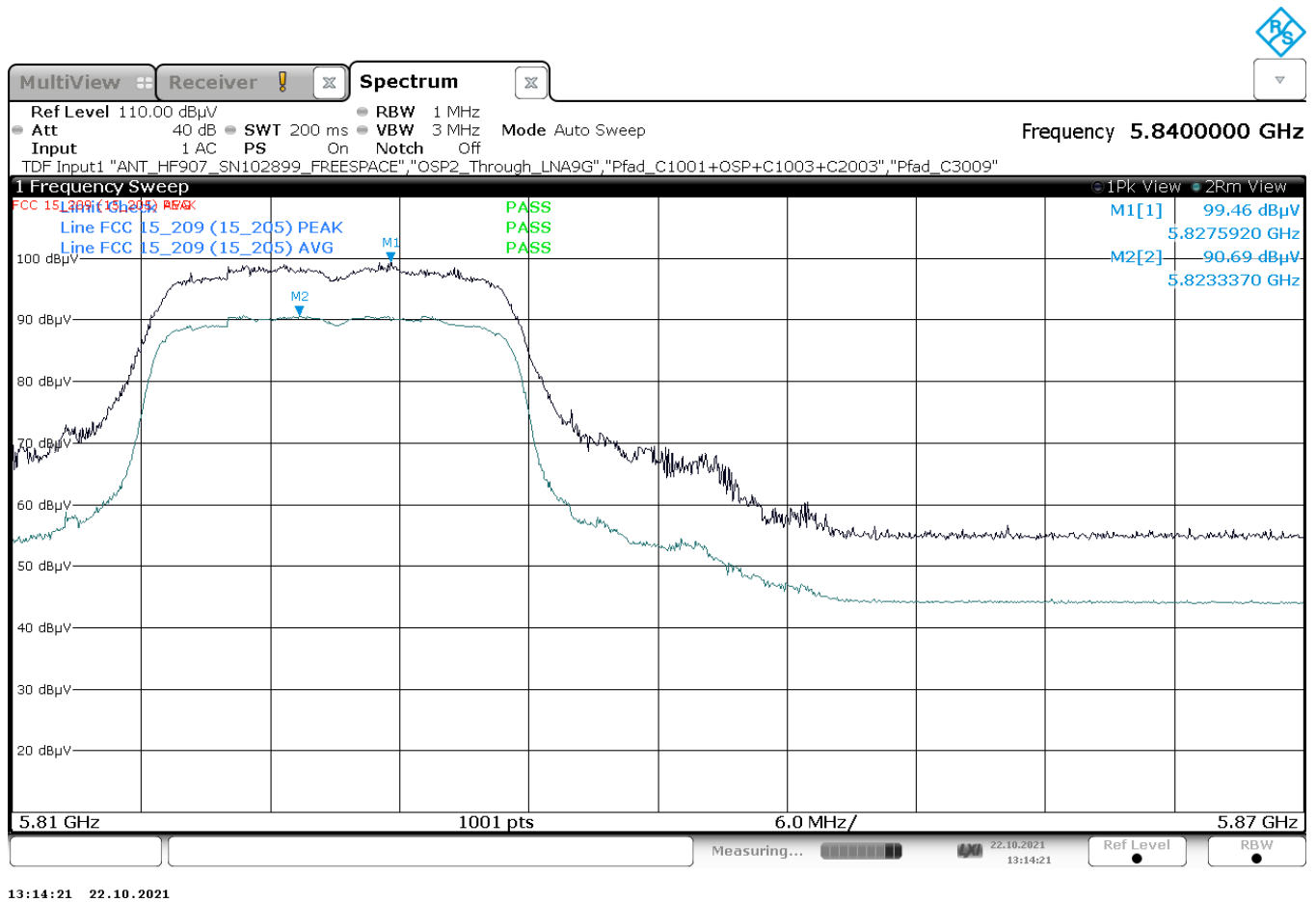
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Plot 381: Mode 1, a-mode, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth

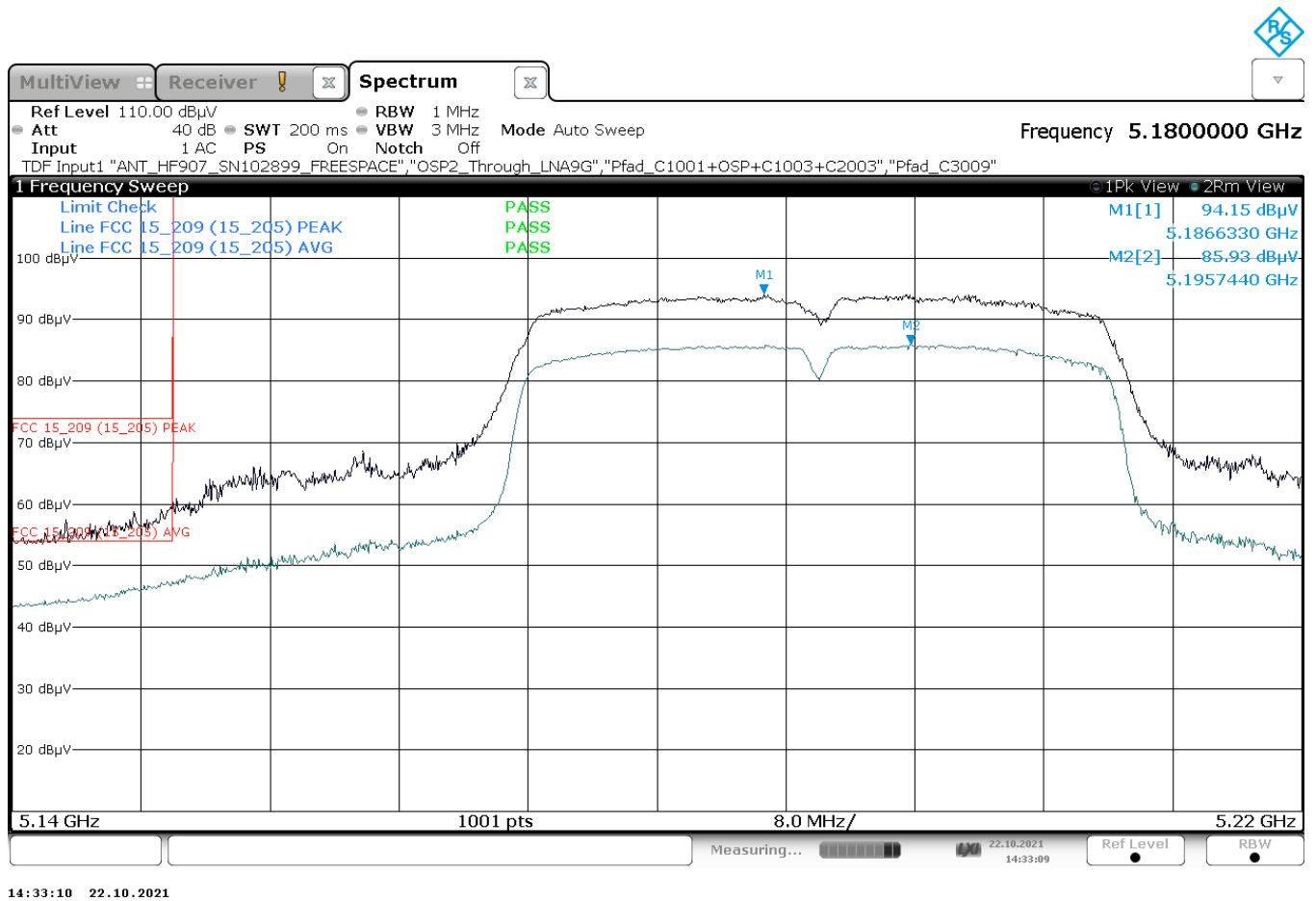


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Plot 382: Mode 1, a-mode, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth



Plot 383: Mode 3, n-HT40 mode, BEC low, channel 38, 5190 MHz, 40 MHz channel bandwidth



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Plot 384: Mode 3, n-HT40 mode, BEC high, channel 62, 5320 MHz, 40 MHz channel bandwidth

