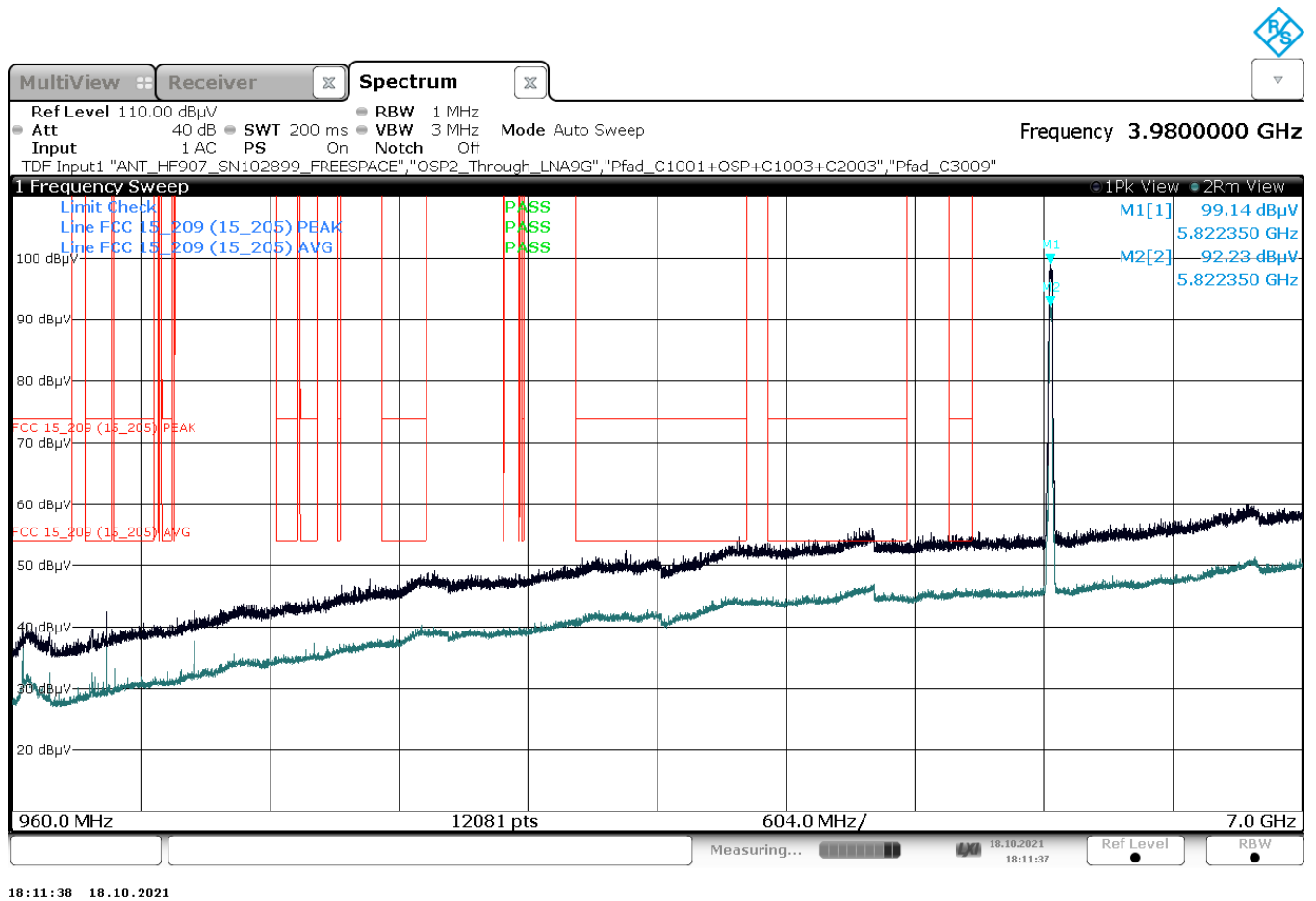
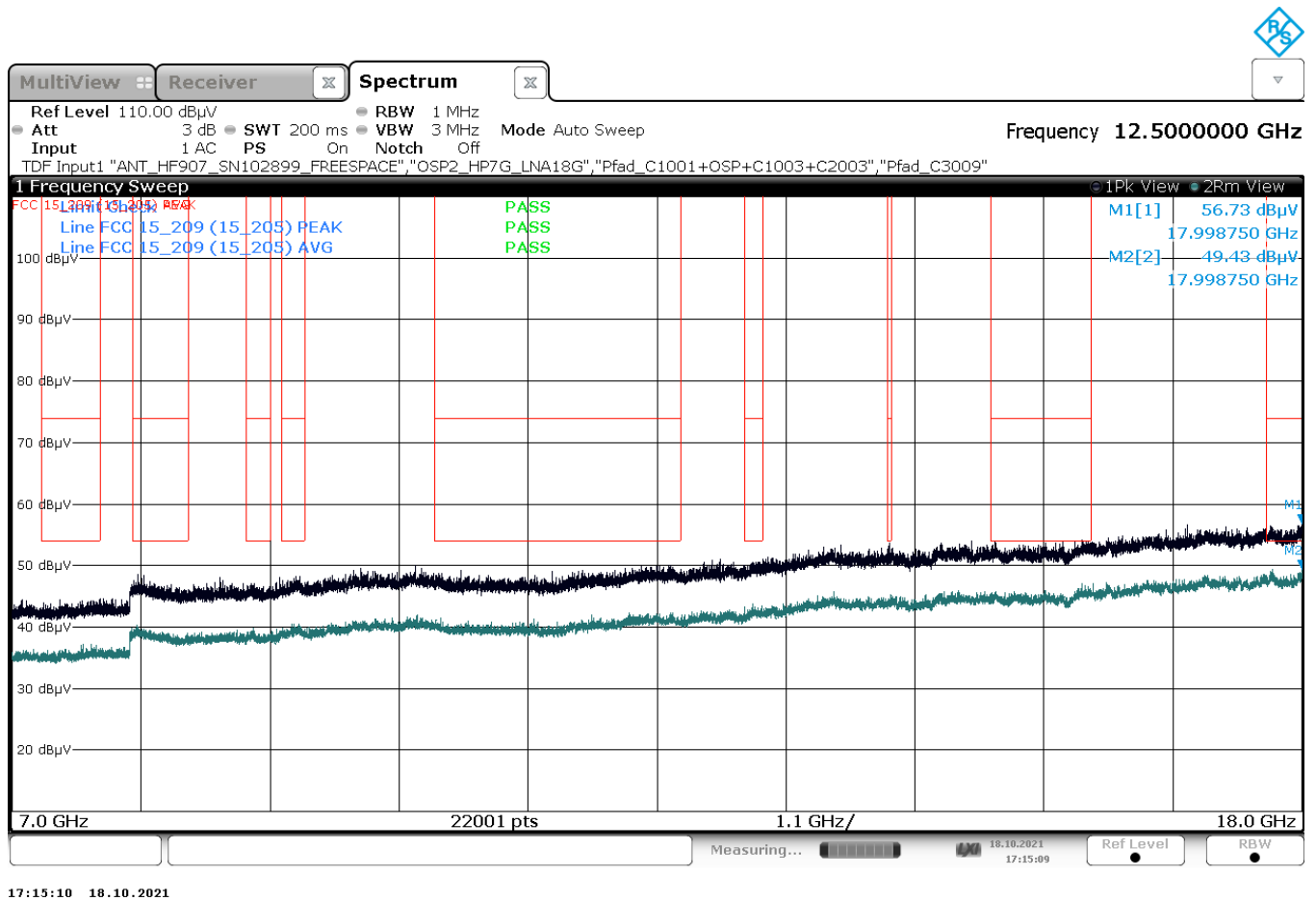


# Annex A of TR no.: 21086128-23003-1

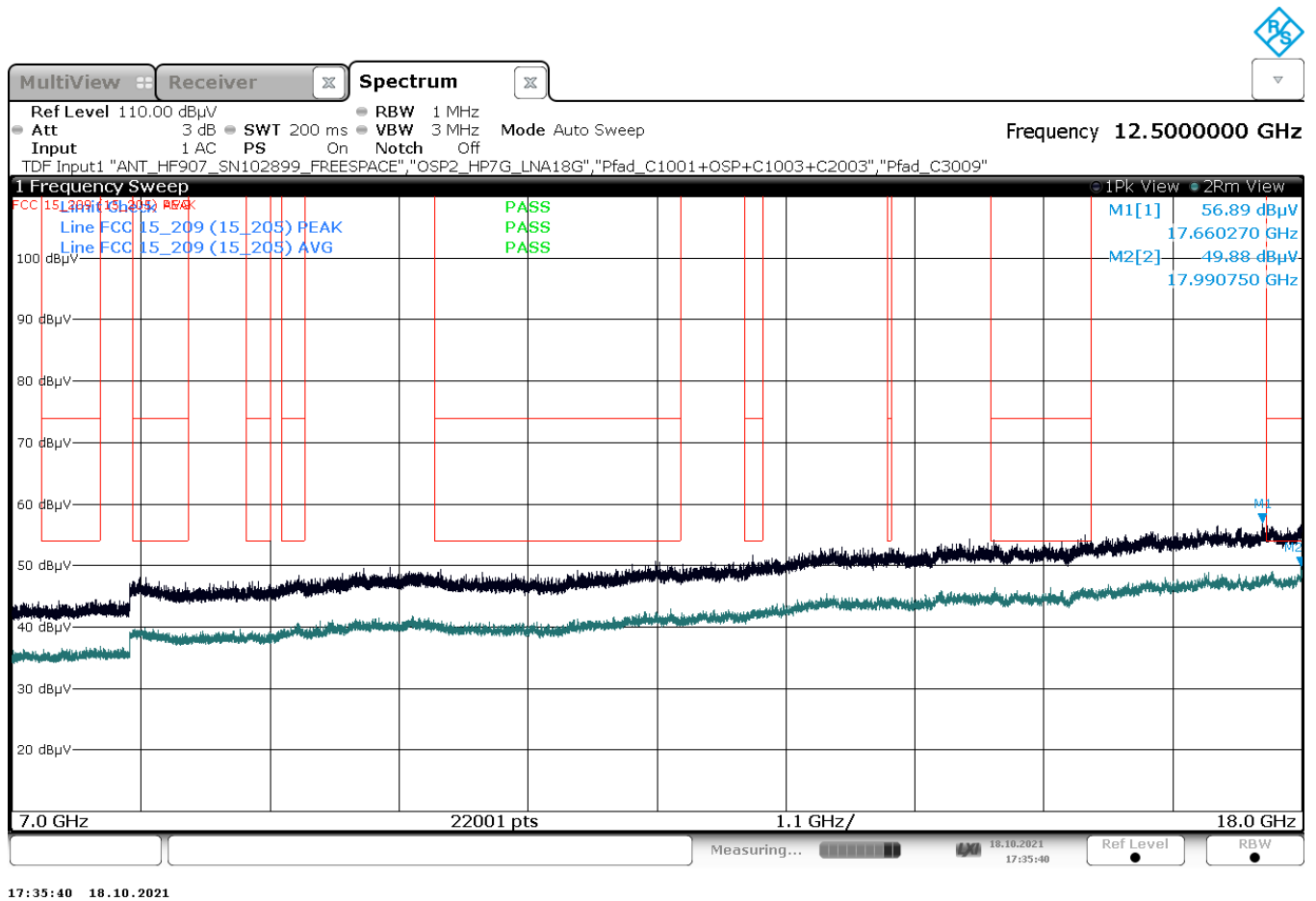
Plot 162: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation



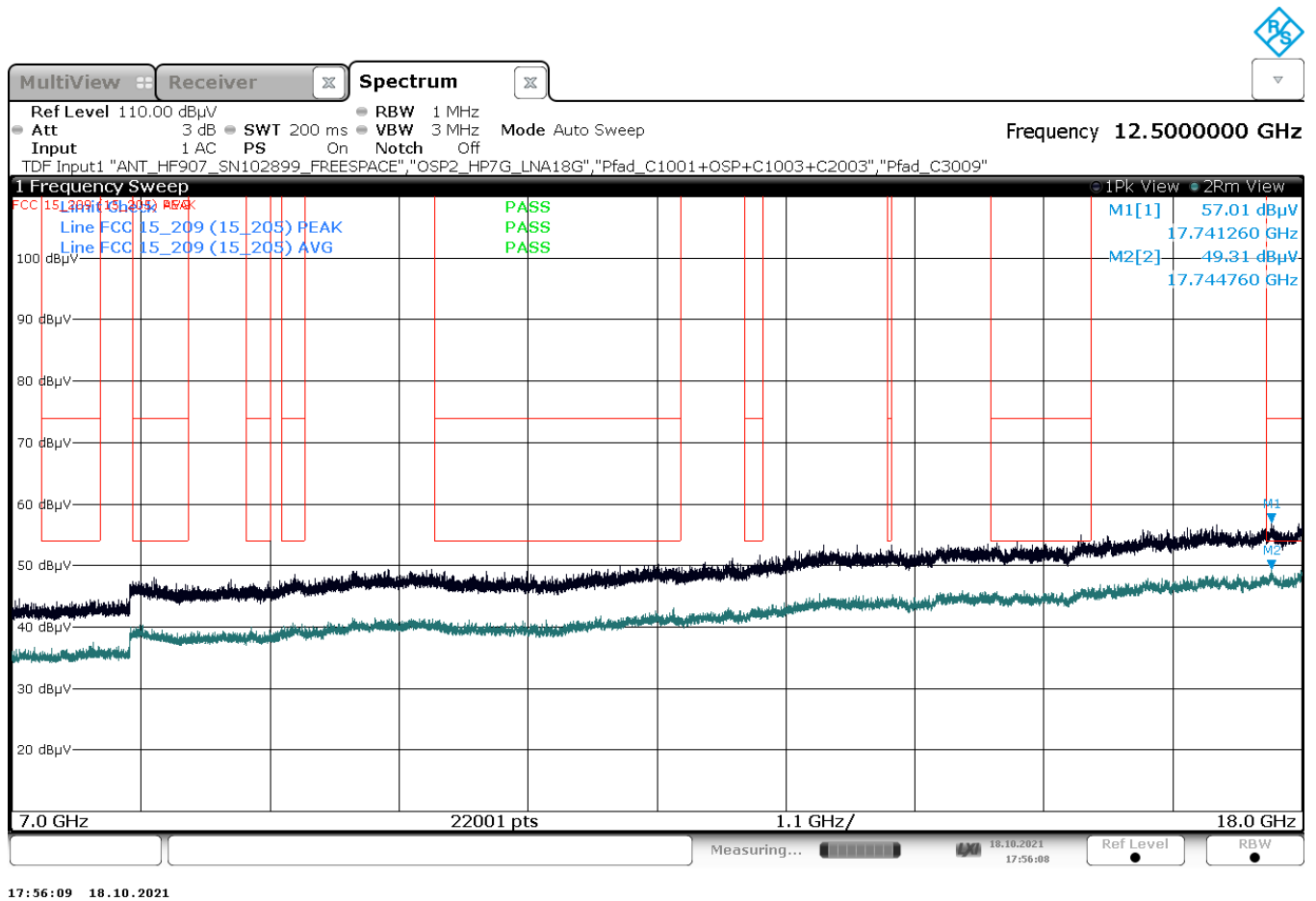
Plot 163: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation



Plot 164: Mode 1, RSE 7 GHz – 18 GHz, channel 64, horizontal / vertical polarisation

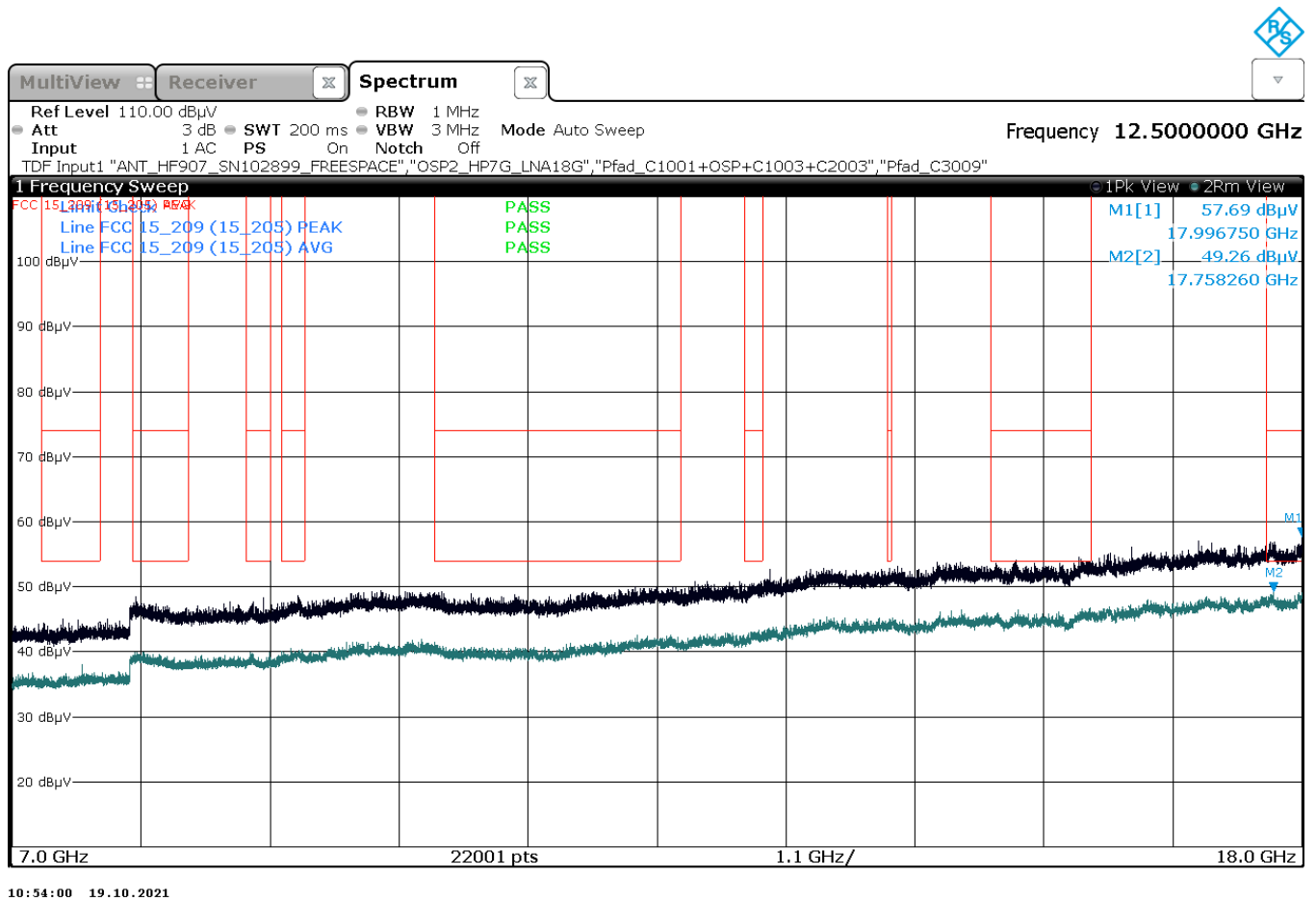


Plot 165: Mode 1, RSE 7 GHz – 18 GHz, channel 100, horizontal / vertical polarisation



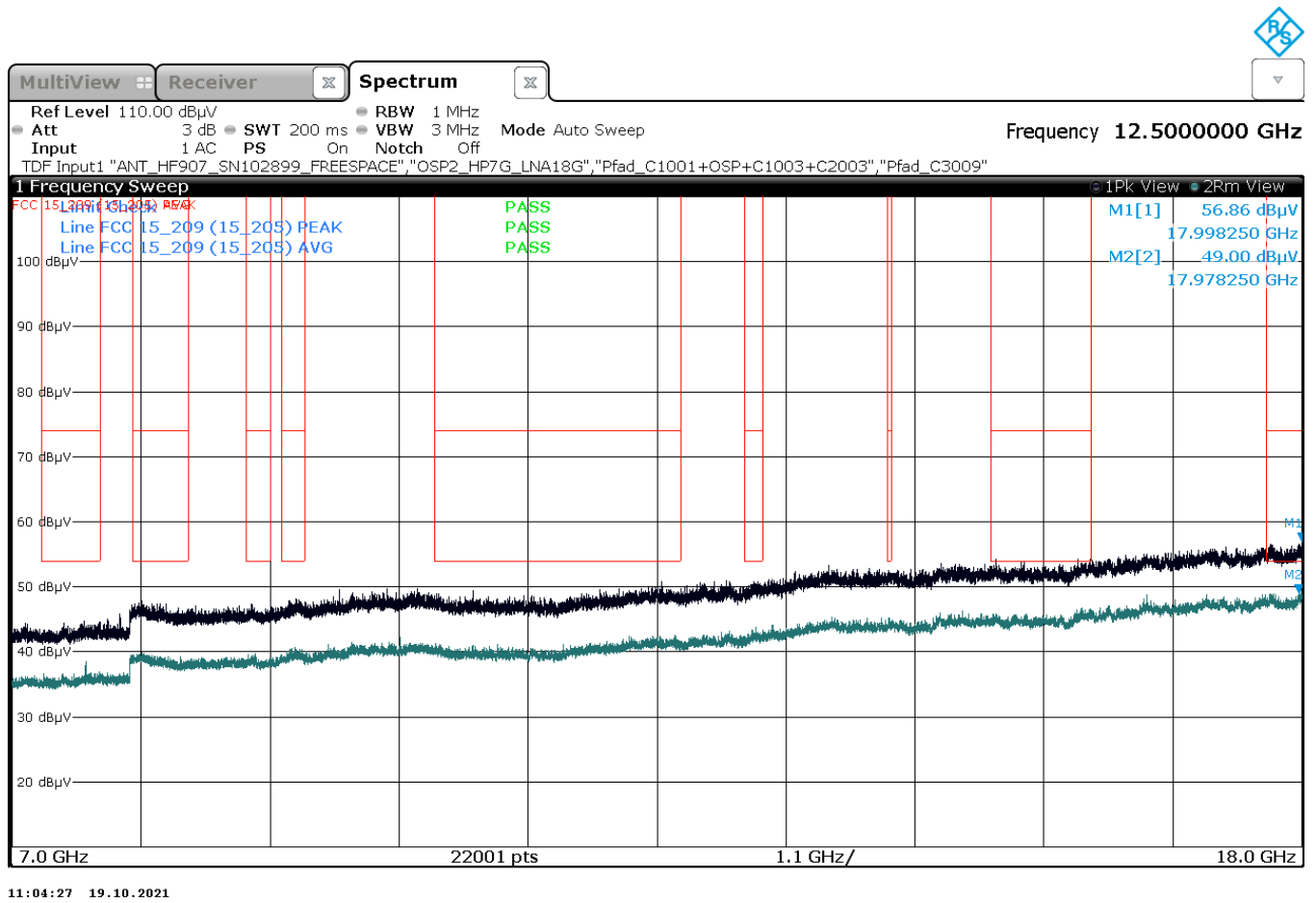
# Annex A of TR no.: 21086128-23003-1

Plot 166: Mode 1, RSE 7 GHz – 18 GHz, channel 140, horizontal / vertical polarisation



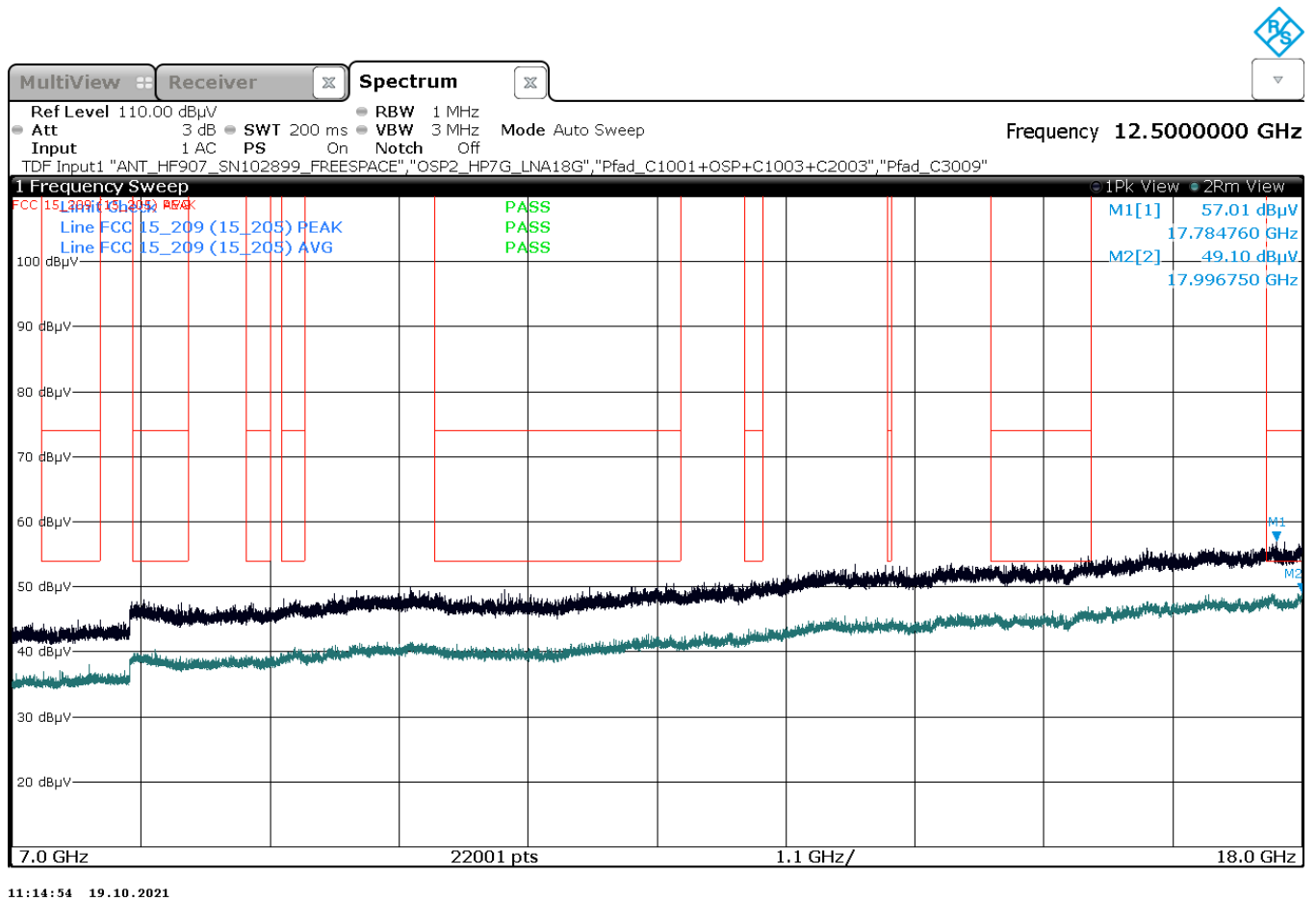
# Annex A of TR no.: 21086128-23003-1

Plot 167: Mode 1, RSE 7 GHz – 18 GHz, channel 144, horizontal / vertical polarisation



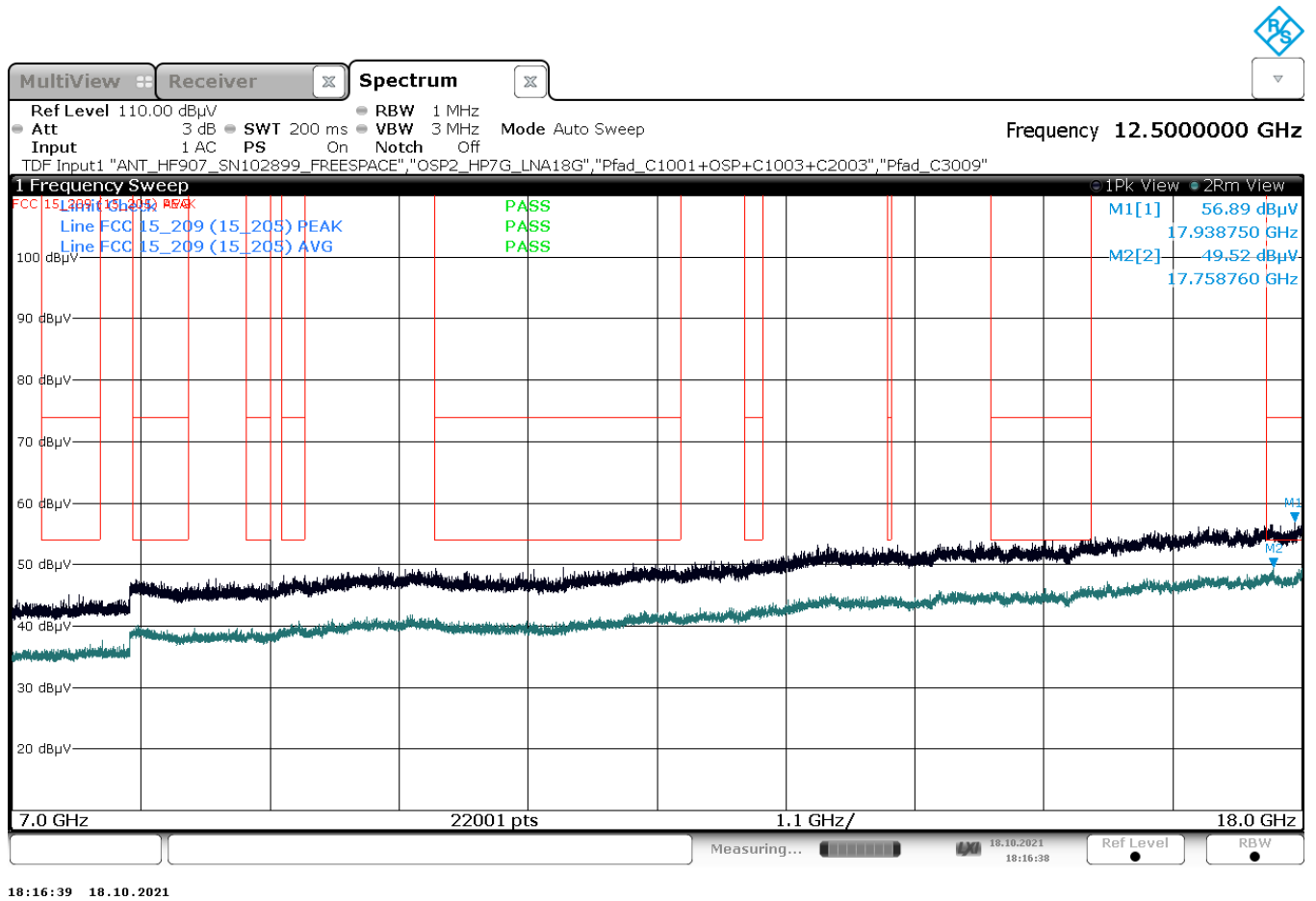
# Annex A of TR no.: 21086128-23003-1

Plot 168: Mode 1, RSE 7 GHz – 18 GHz, channel 149, horizontal / vertical polarisation



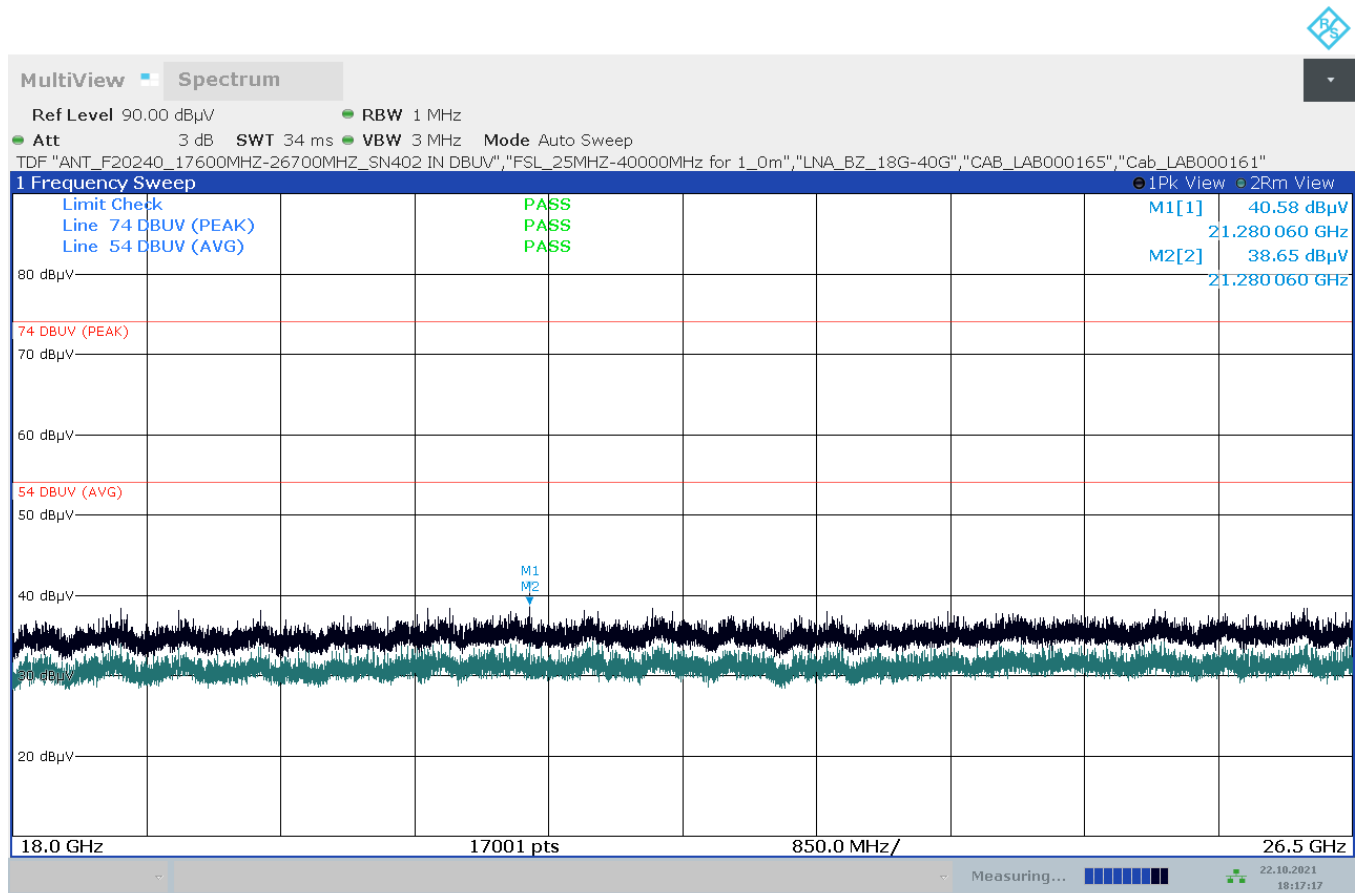
# Annex A of TR no.: 21086128-23003-1

Plot 169: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



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

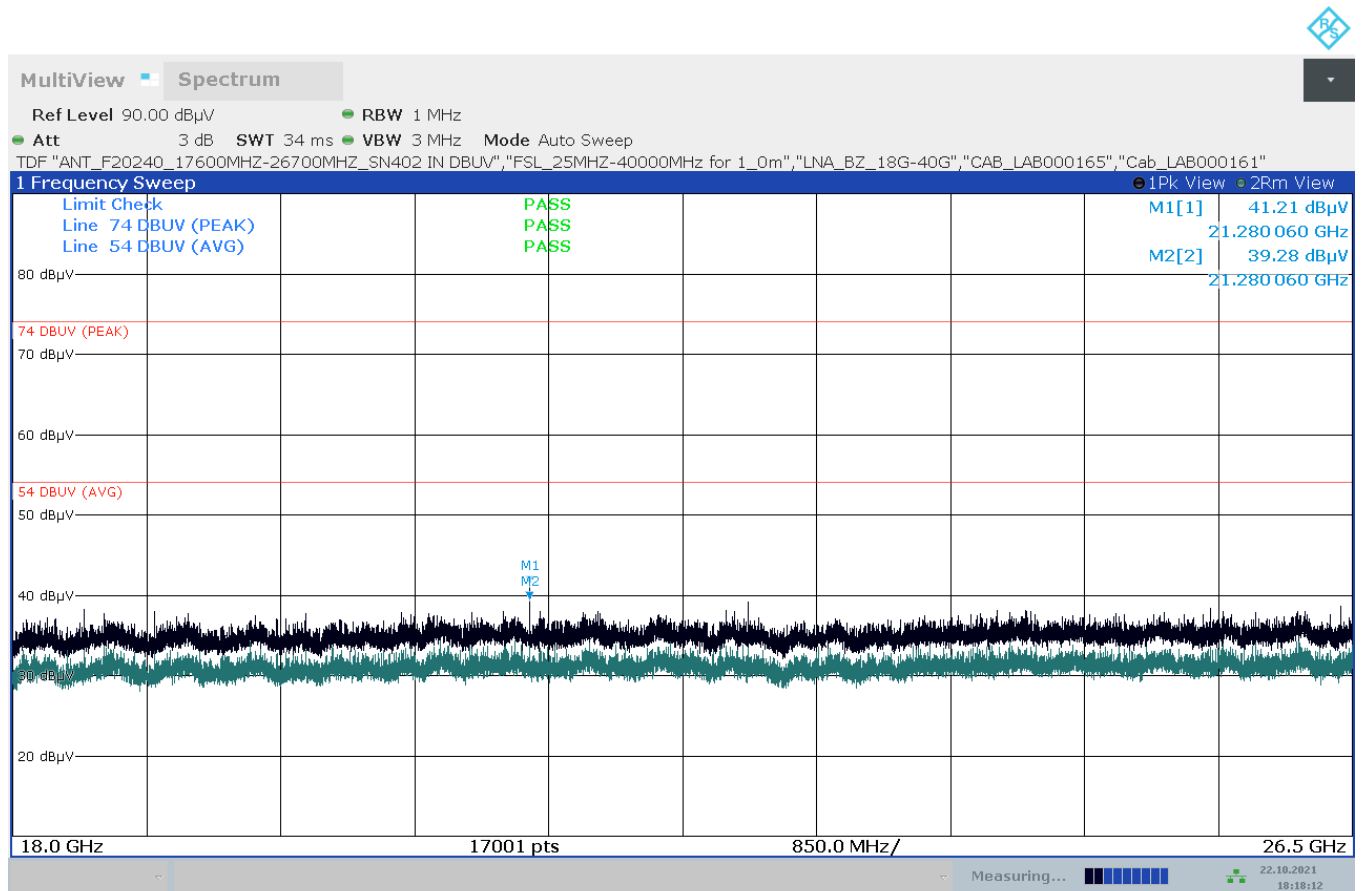
Plot 170: Mode 1, RSE 18 GHz – 26.5 GHz, channel 36, horizontal / vertical polarisation



18:17:17 22.10.2021

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

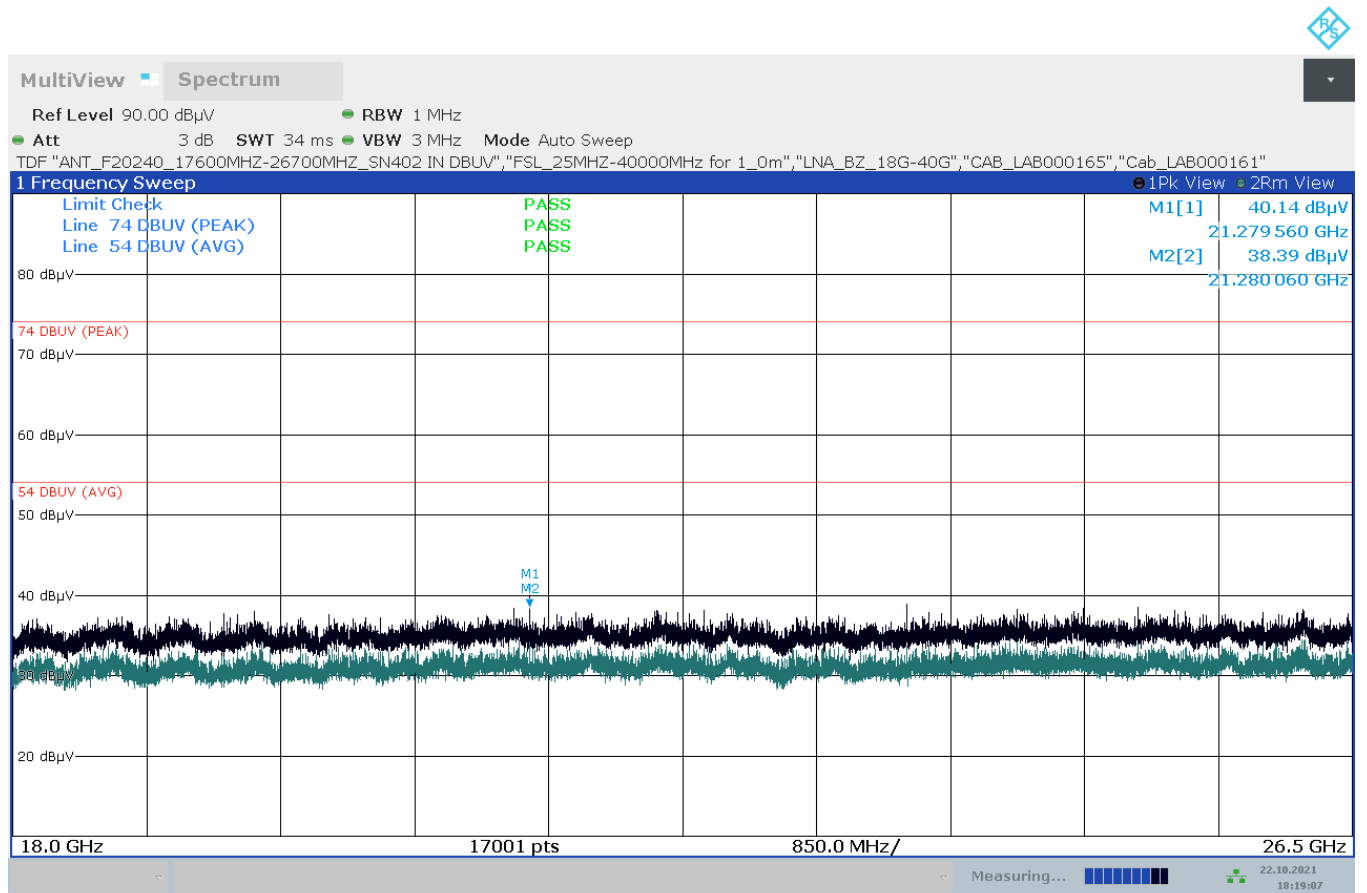
Plot 171: Mode 1, RSE 18 GHz – 26.5 GHz, channel 64, horizontal / vertical polarisation



18:18:12 22.10.2021

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

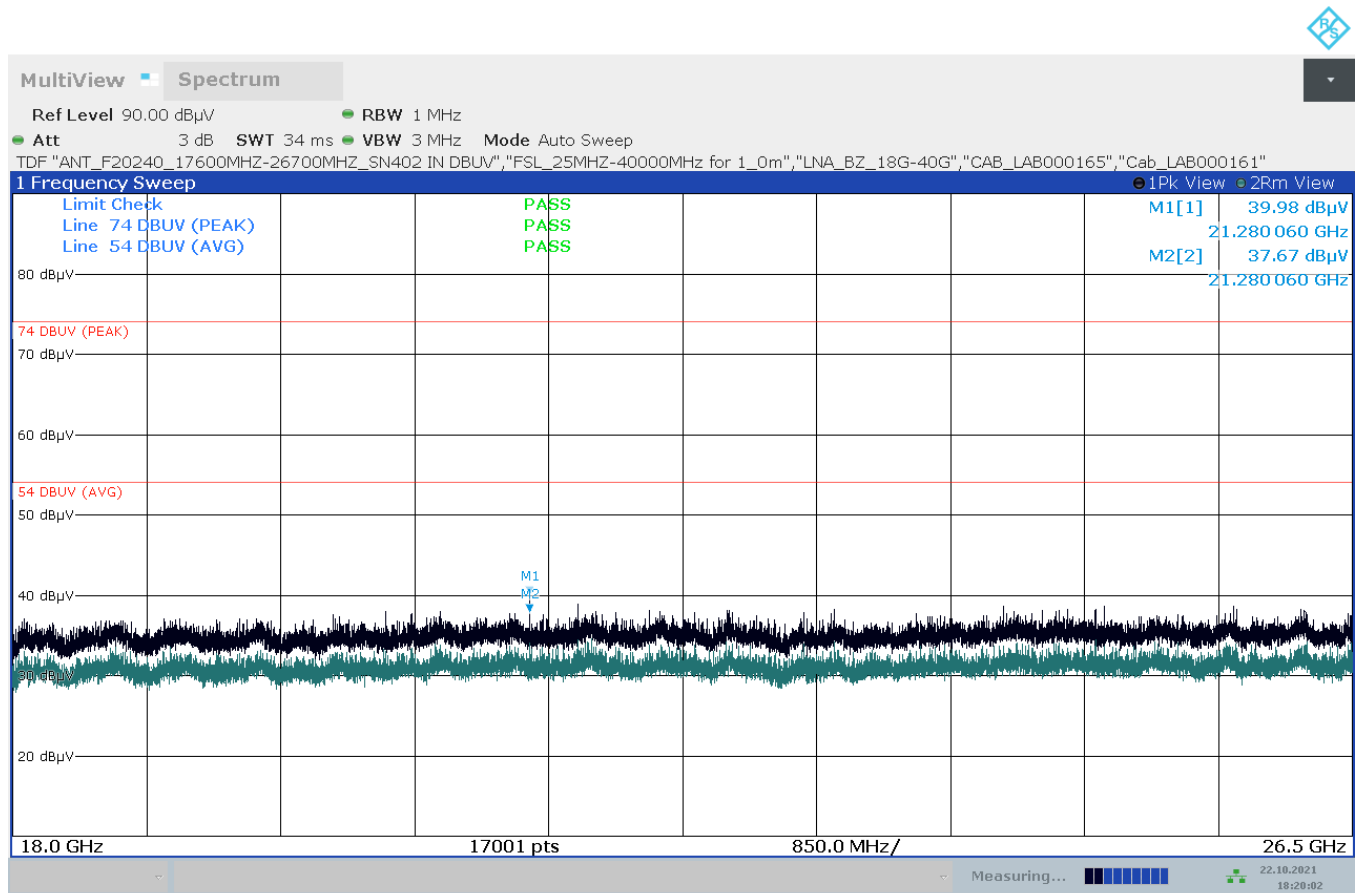
Plot 172: Mode 1, RSE 18 GHz – 26.5 GHz, channel 100, horizontal / vertical polarisation



18:19:07 22.10.2021

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

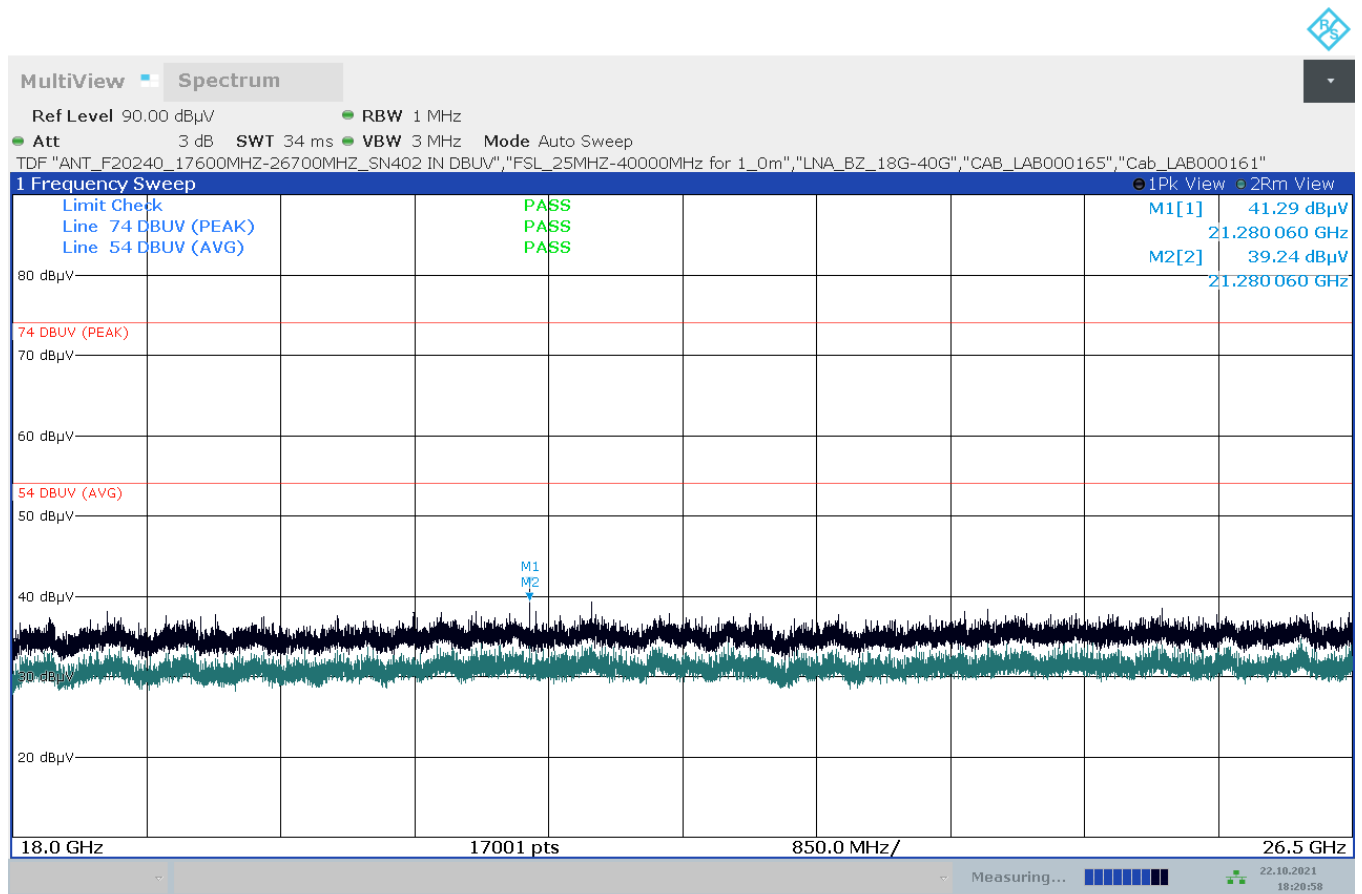
Plot 173: Mode 1, RSE 18 GHz – 26.5 GHz, channel 140, horizontal / vertical polarisation



18:20:03 22.10.2021

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

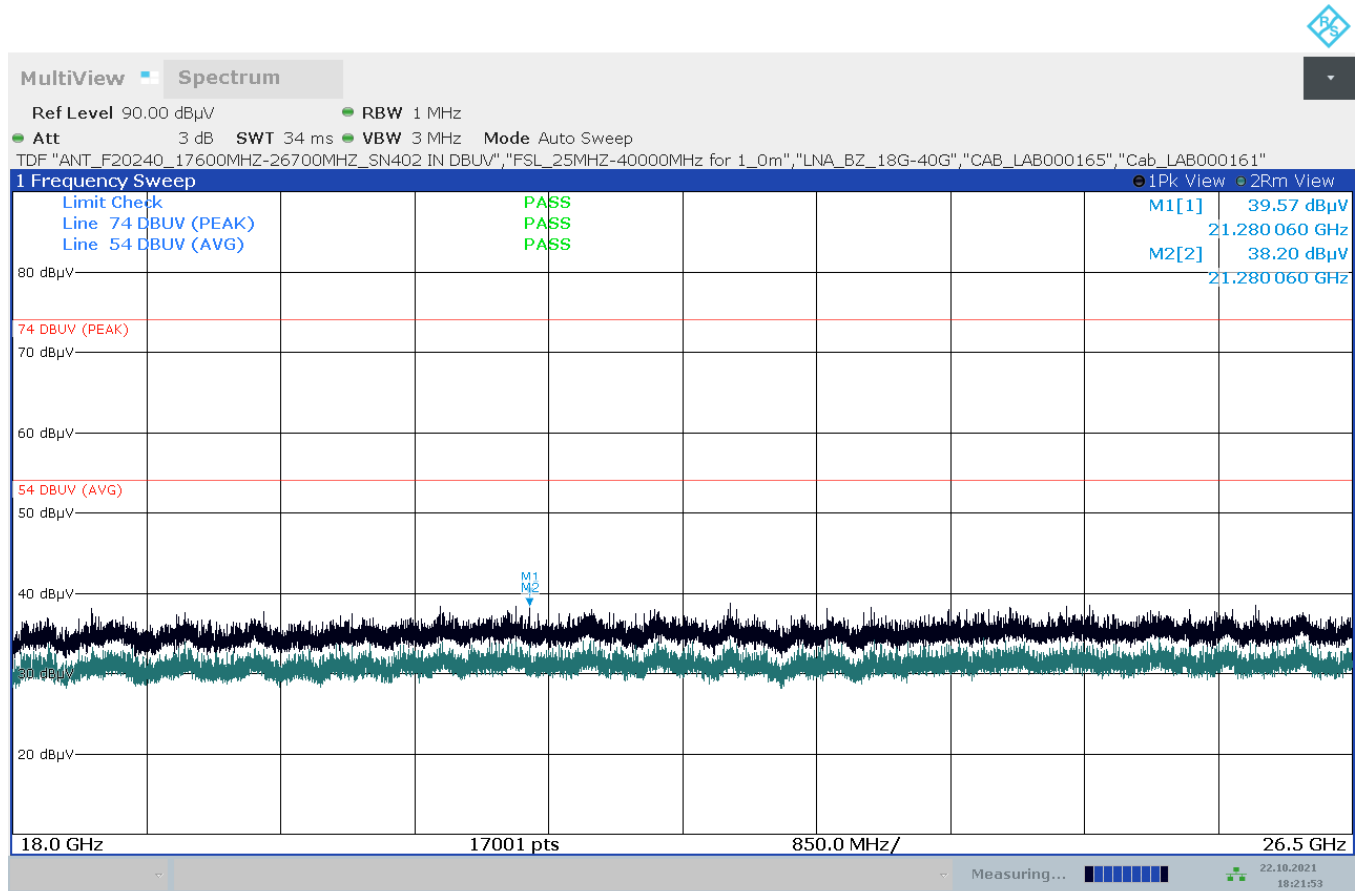
Plot 174: Mode 1, RSE 18 GHz – 26.5 GHz, channel 144, horizontal / vertical polarisation



18:20:58 22.10.2021

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

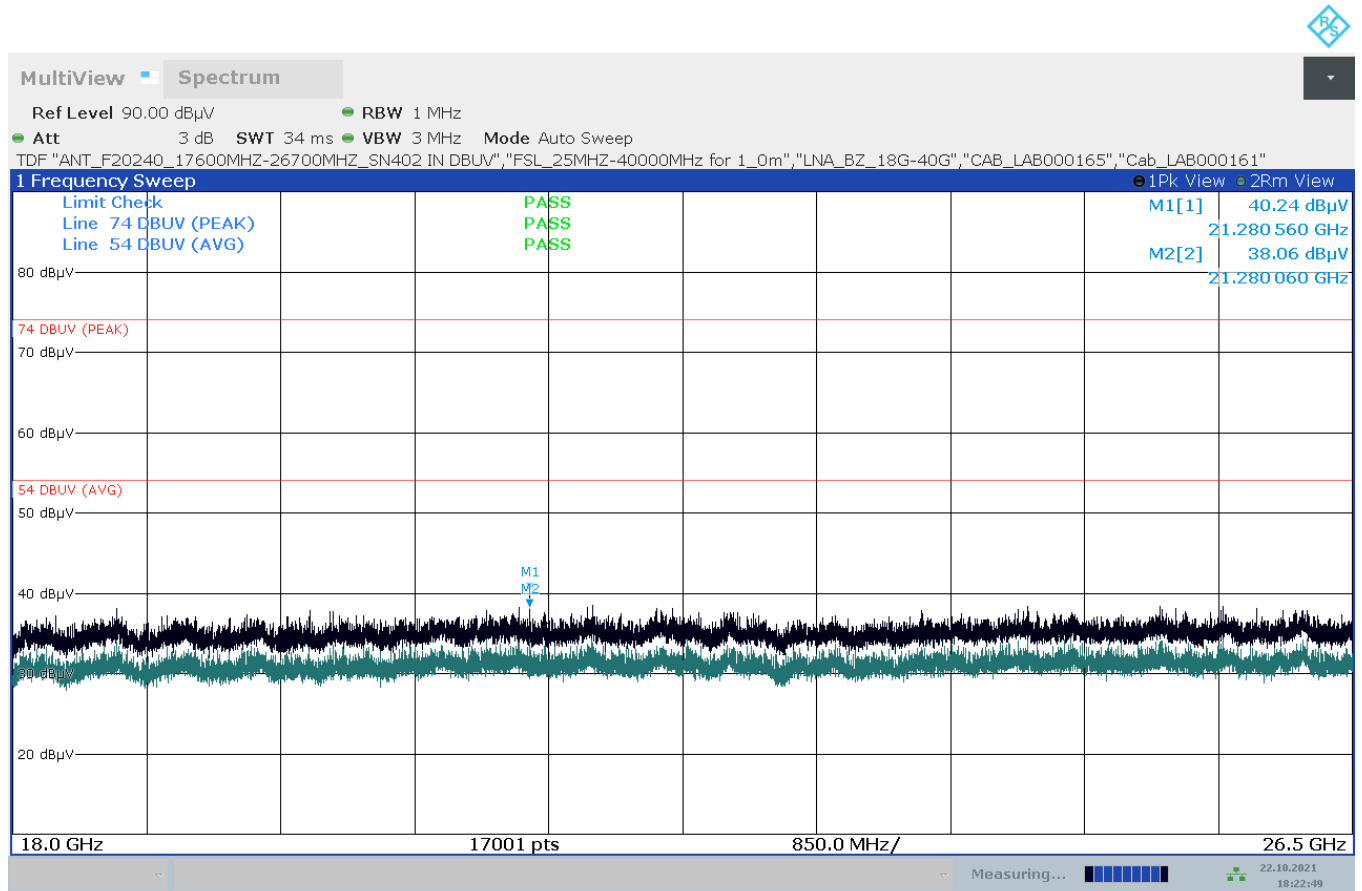
Plot 175: Mode 1, RSE 18 GHz – 26.5 GHz, channel 149, horizontal / vertical polarisation



18:21:53 22.10.2021

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

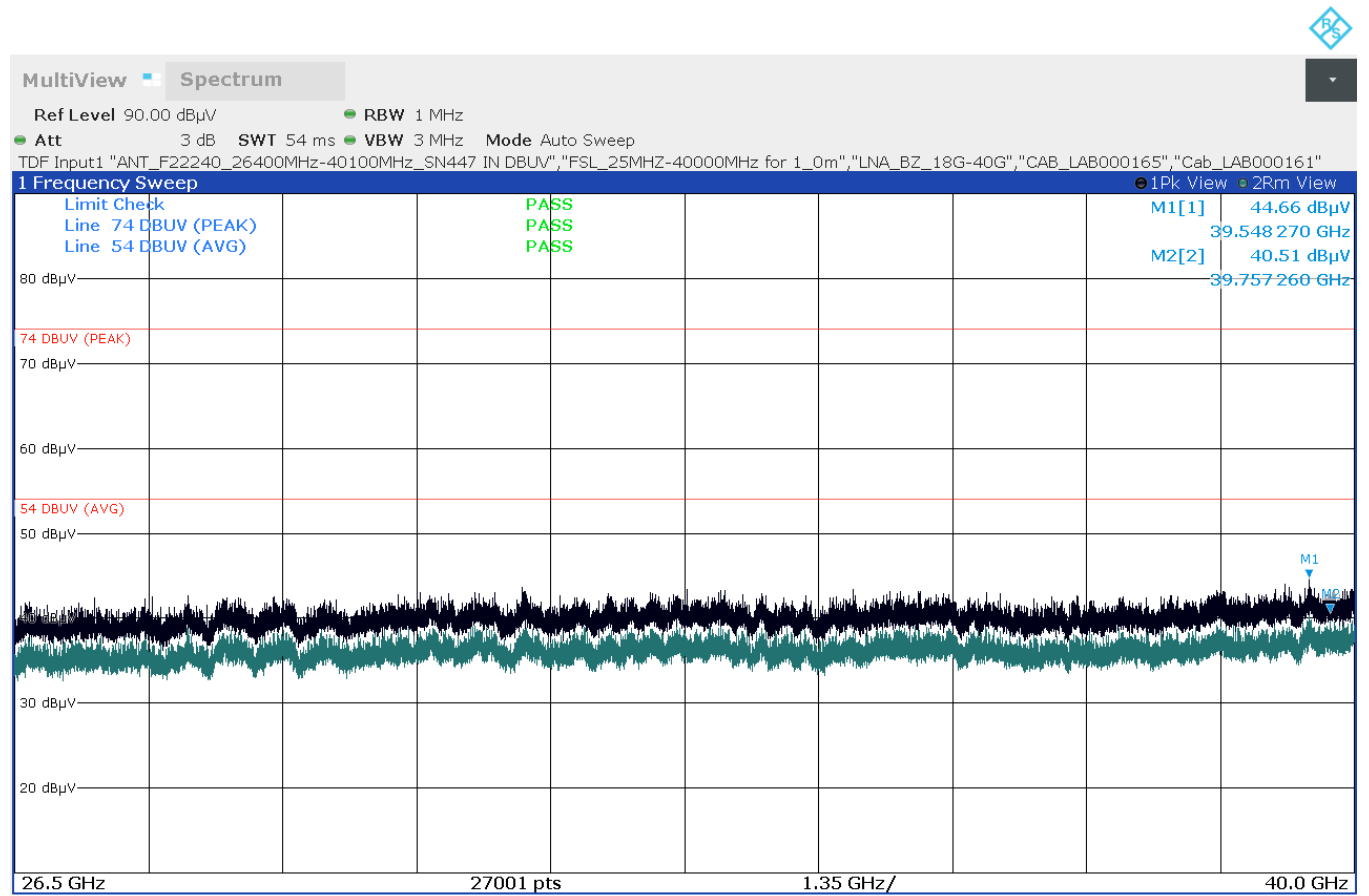
Plot 176: Mode 1, RSE 18 GHz – 26.5 GHz, channel 165, horizontal / vertical polarisation



18:22:49 22.10.2021

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

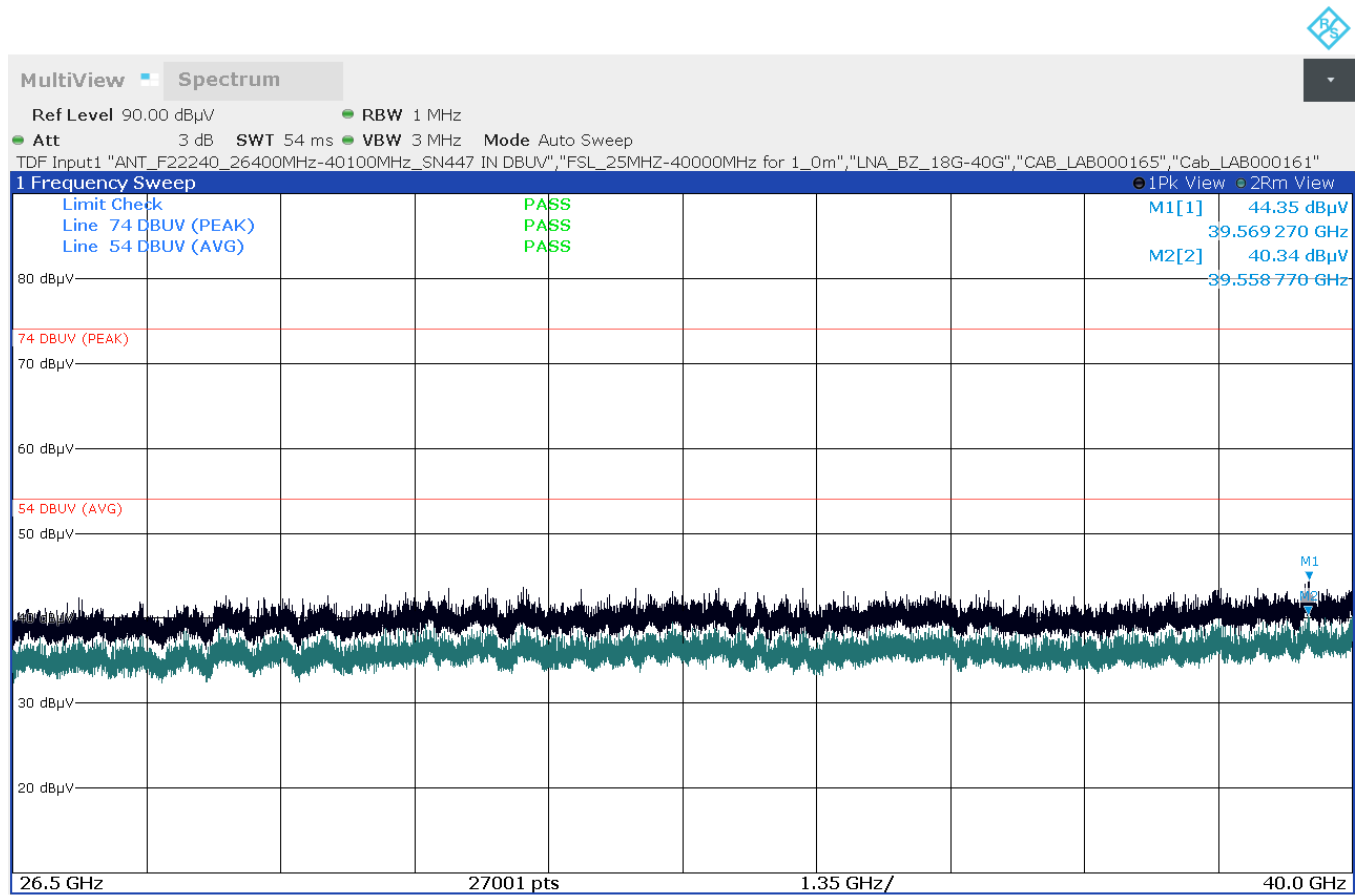
Plot 177: Mode 1, RSE 26.5 GHz – 40 GHz, channel 36, horizontal / vertical polarisation



19:56:16 23.10.2021

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

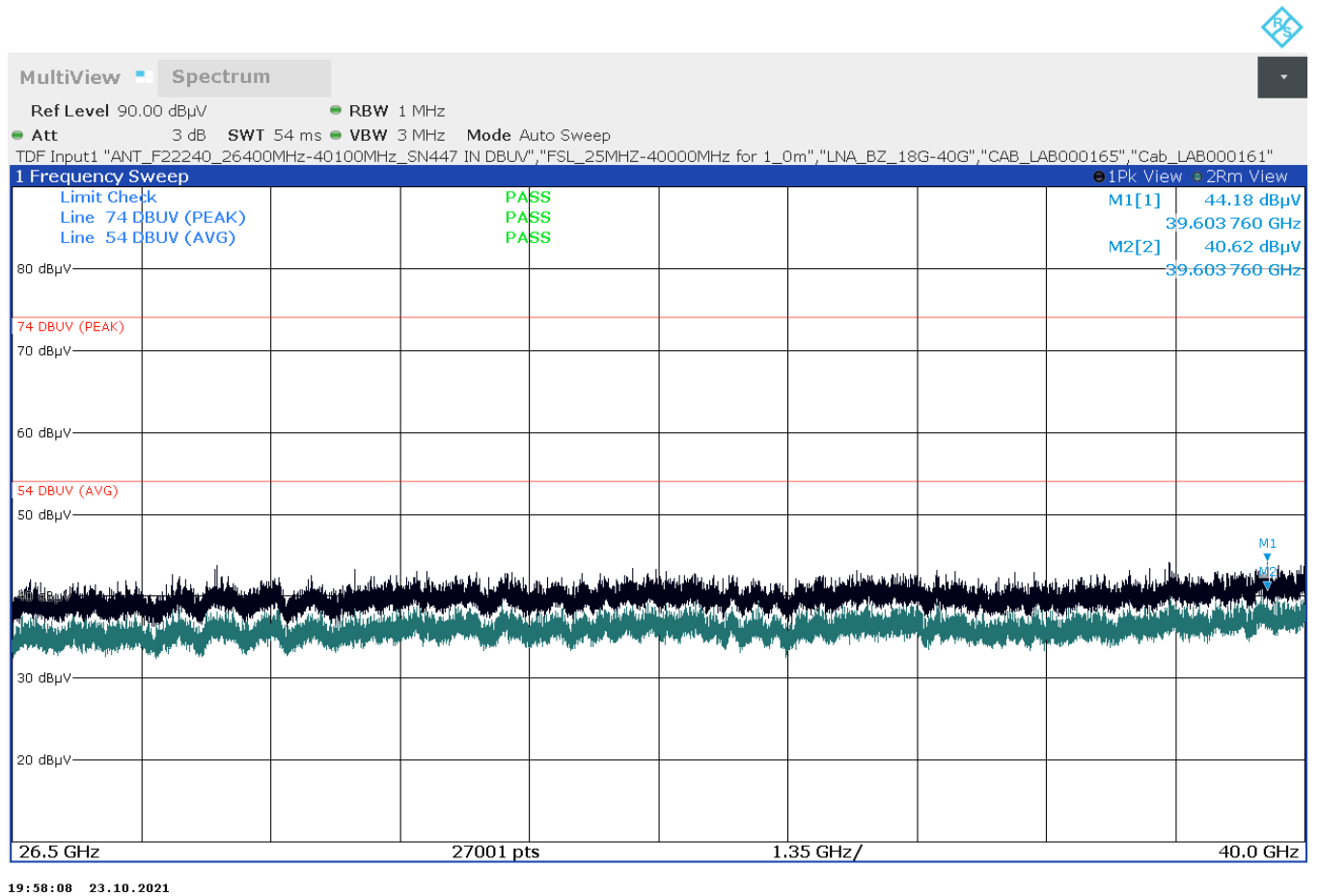
Plot 178: Mode 1, RSE 26.5 GHz – 40 GHz, channel 64, horizontal / vertical polarisation



19:57:12 23.10.2021

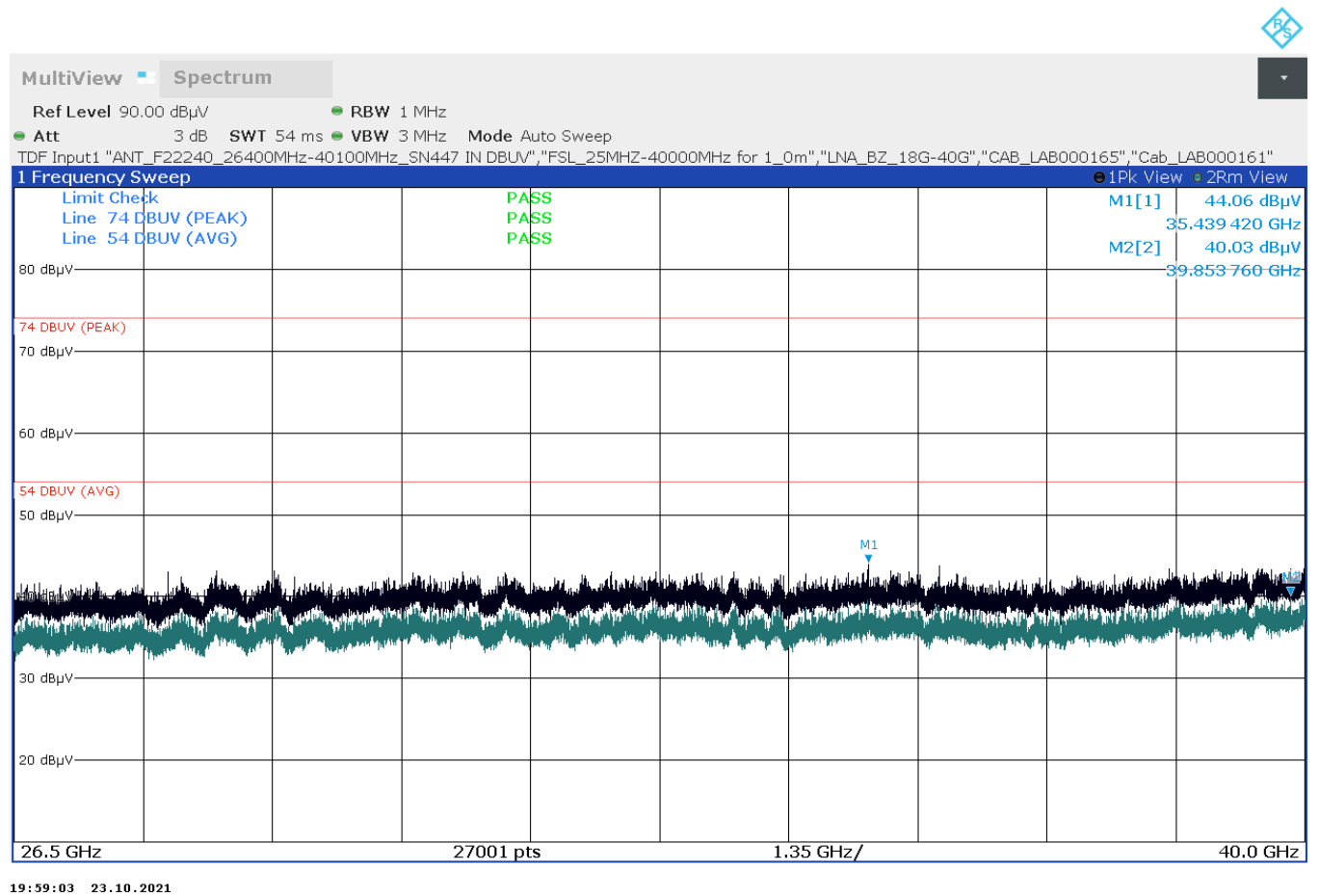
# Annex A of TR no.: 21086128-23003-1

Plot 179: Mode 1, RSE 26.5 GHz – 40 GHz, channel 100, horizontal / vertical polarisation



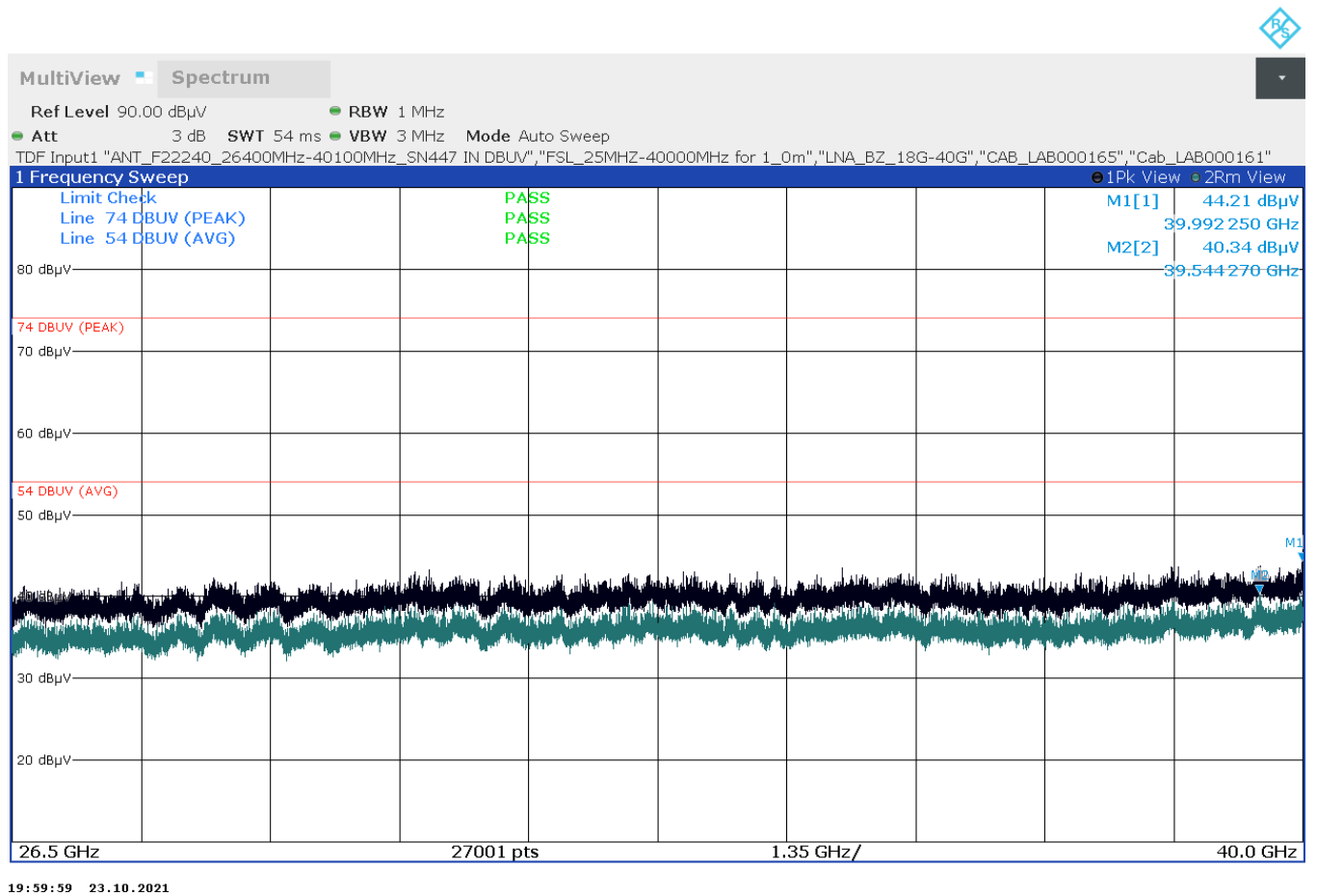
# Annex A of TR no.: 21086128-23003-1

Plot 180: Mode 1, RSE 26.5 GHz – 40 GHz, channel 140, horizontal / vertical polarisation



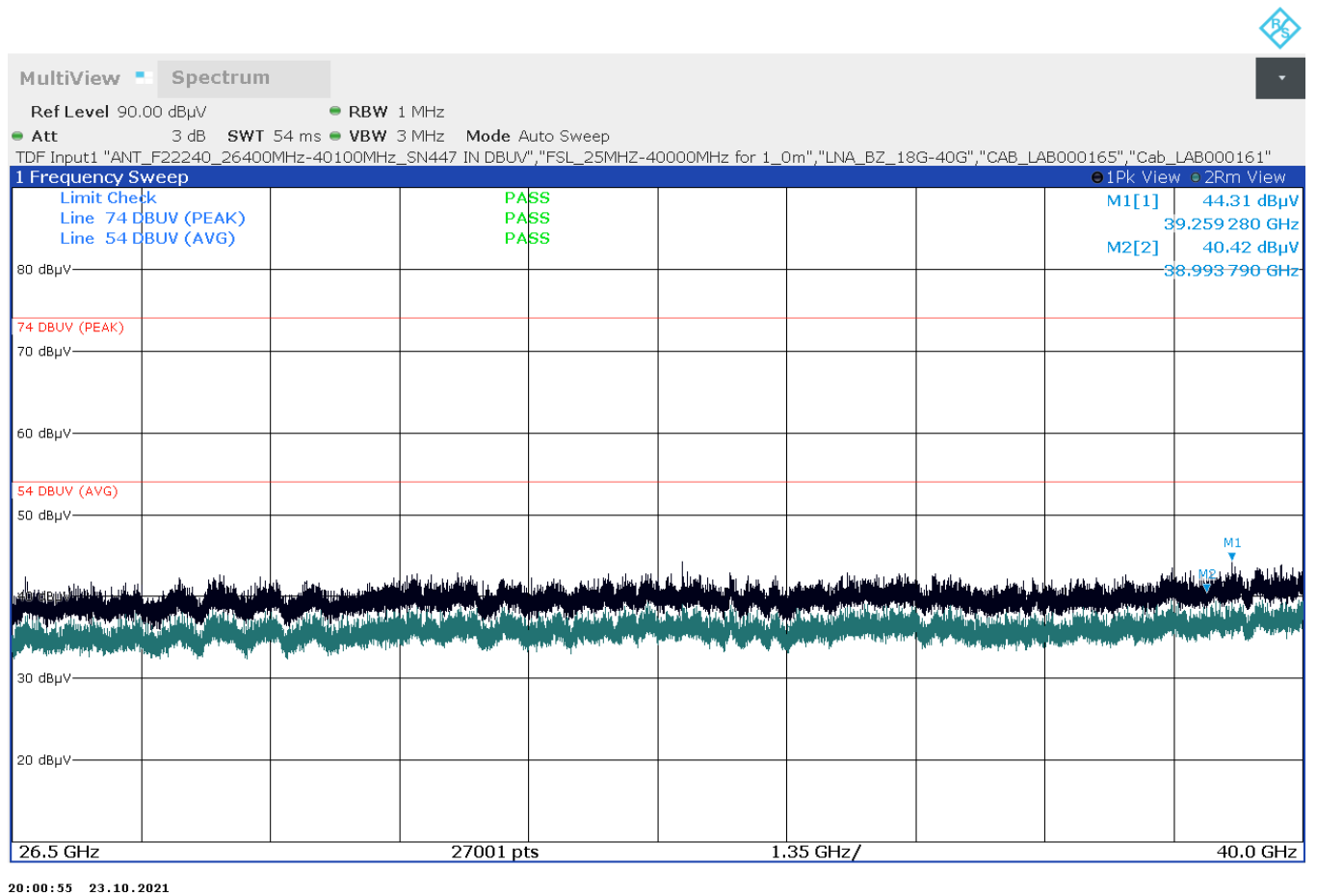
# Annex A of TR no.: 21086128-23003-1

Plot 181: Mode 1, RSE 26.5 GHz – 40 GHz, channel 144, horizontal / vertical polarisation



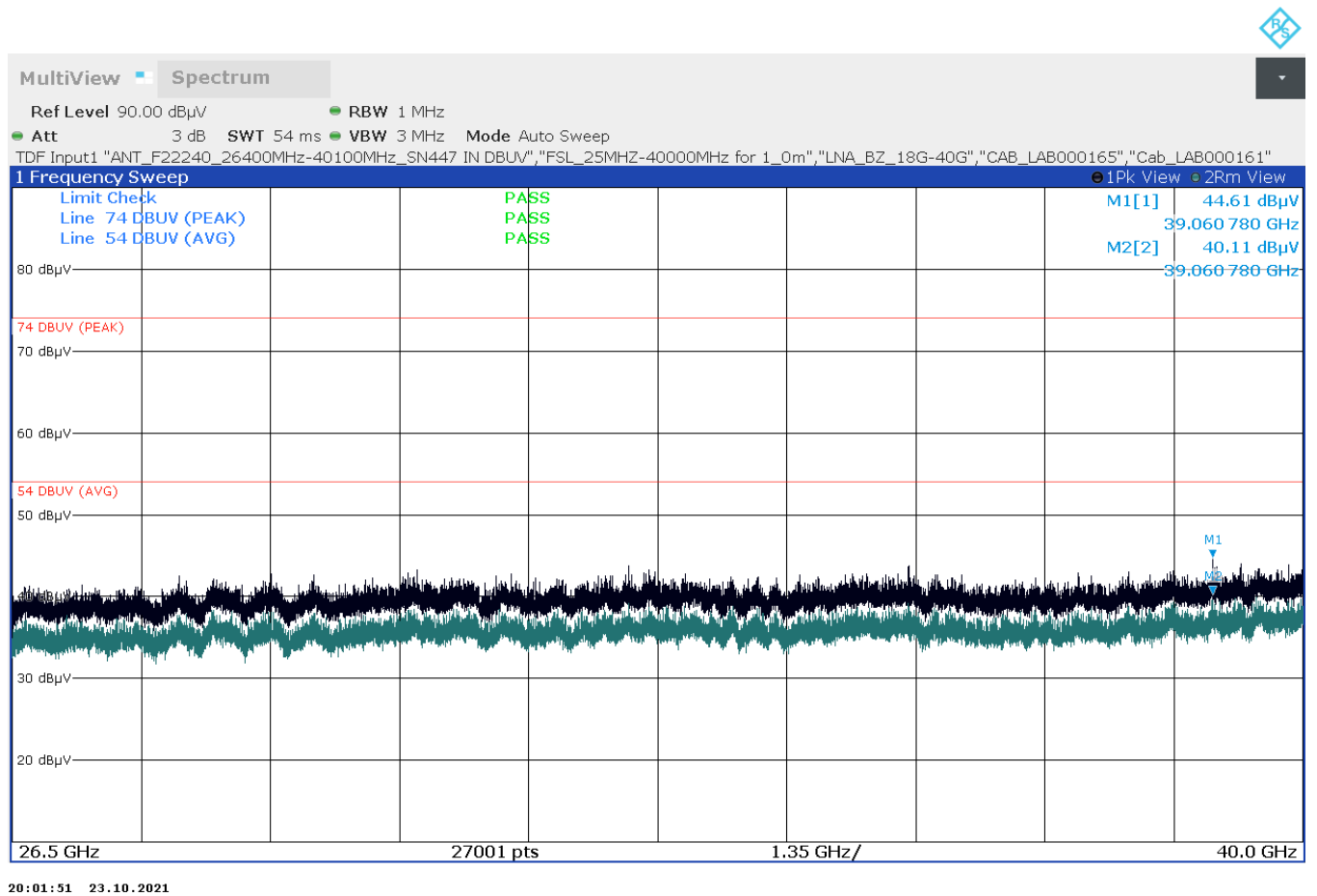
# Annex A of TR no.: 21086128-23003-1

Plot 182: Mode 1, RSE 26.5 GHz – 40 GHz, channel 149, horizontal / vertical polarisation



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

Plot 183: Mode 1, RSE 26.5 GHz – 40 GHz, channel 165, horizontal / vertical polarisation



## 2.6 Variant ID #52

### DUT Information

|                |                                 |
|----------------|---------------------------------|
| DUT Name:      | prePV 52                        |
| Manufacturer:  | Mitsubishi Electric Corporation |
| Serial Number: | 66104                           |

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

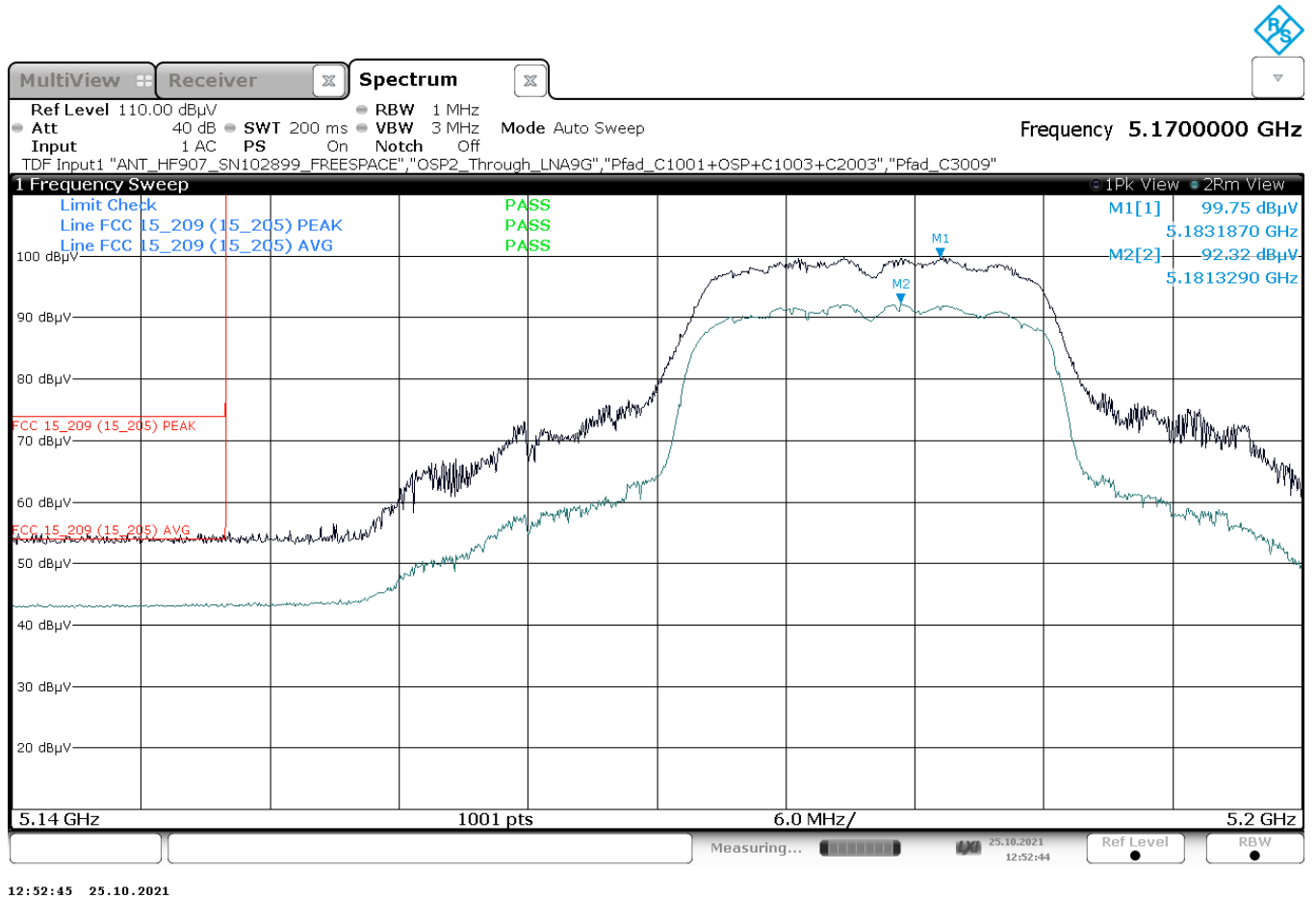
See test results of variant ID #50

#### 2.6.2 Radiated Peak Power (Peak EIRP)

See test results of variant ID #50

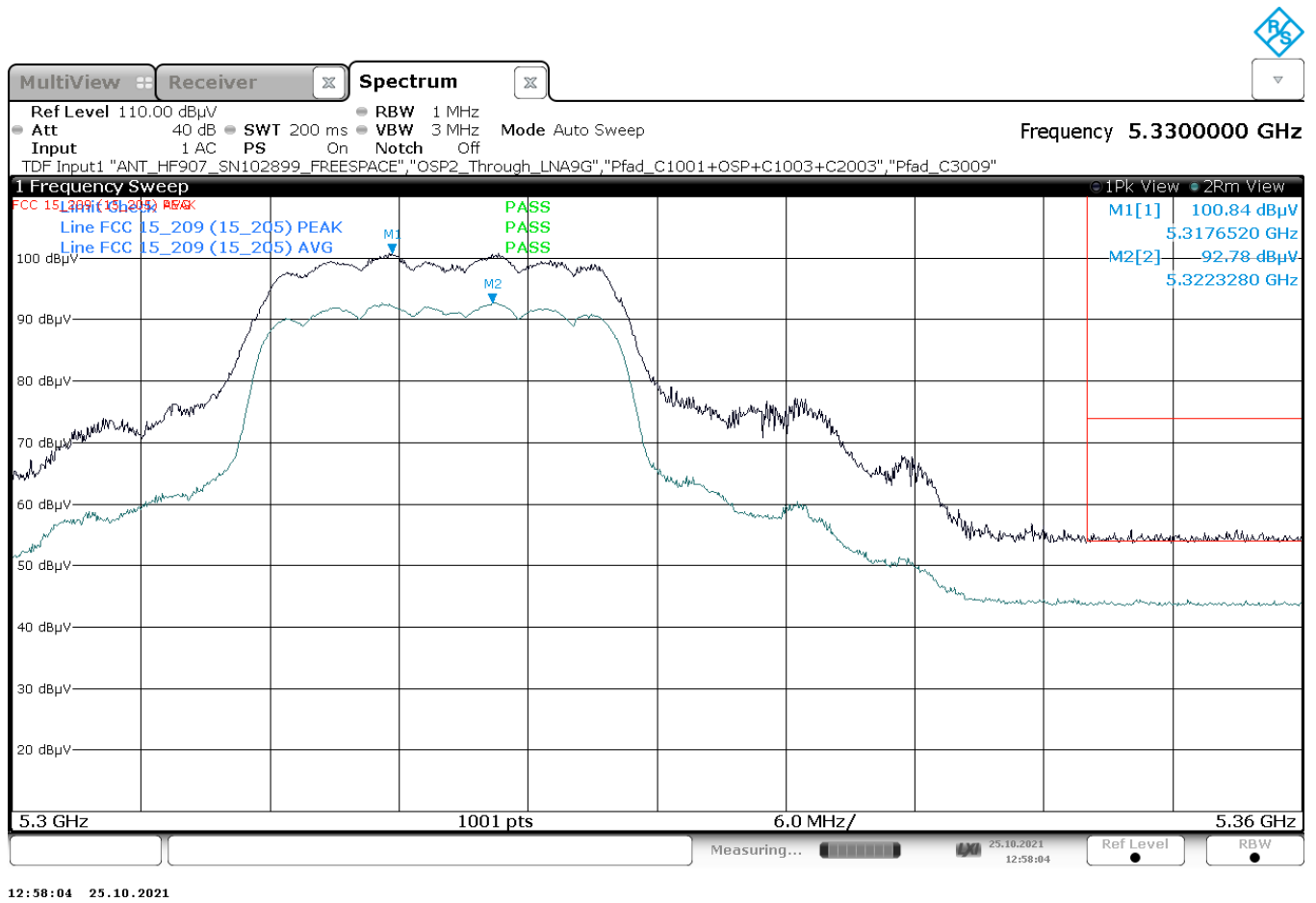
## 2.6.3 Band Edge Compliance (BEC), radiated

Plot 184: Mode 1, BEC low, channel 36, 5180 MHz



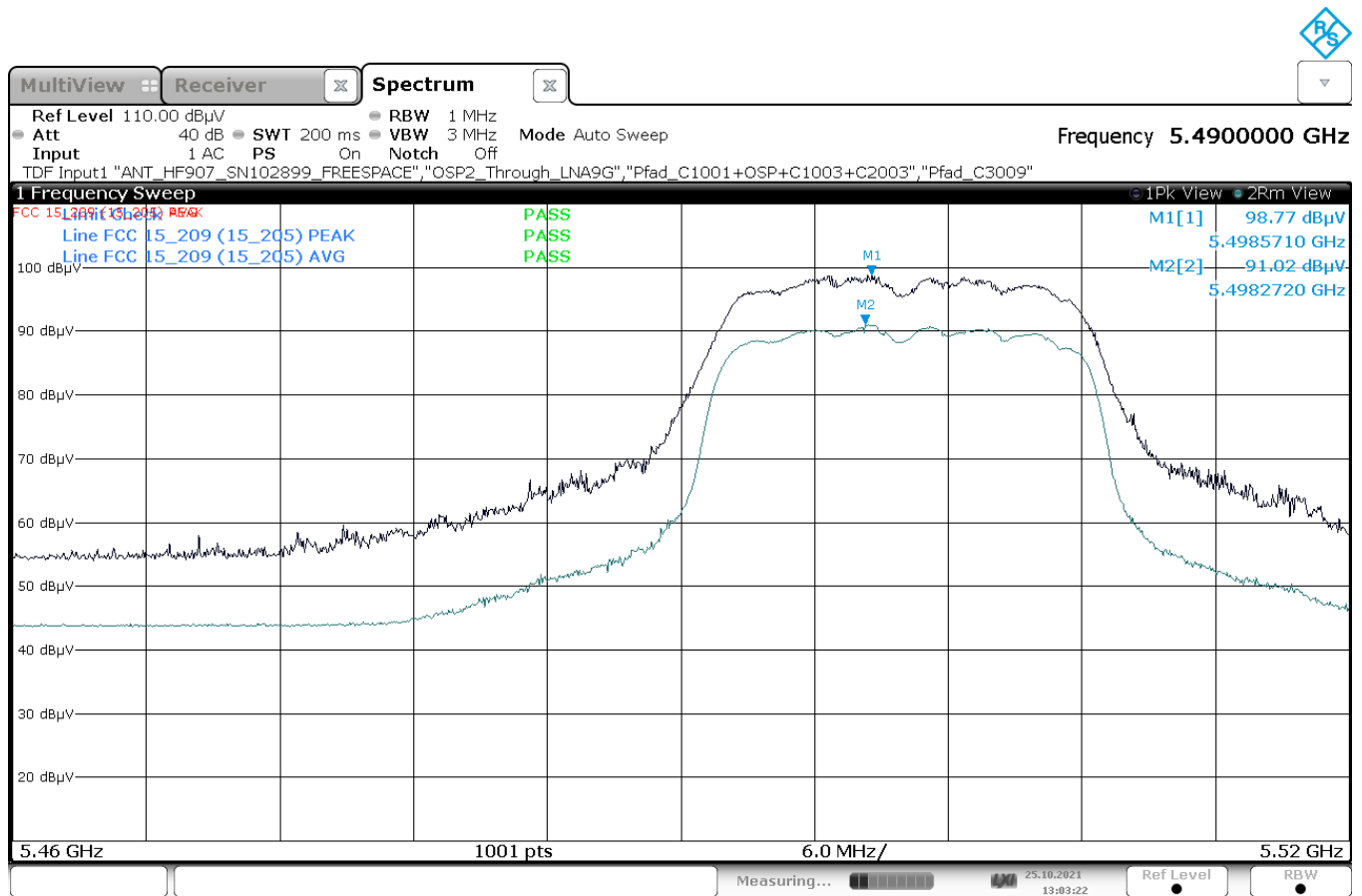
# Annex A of TR no.: 21086128-23003-1

Plot 185: Mode 1, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth



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

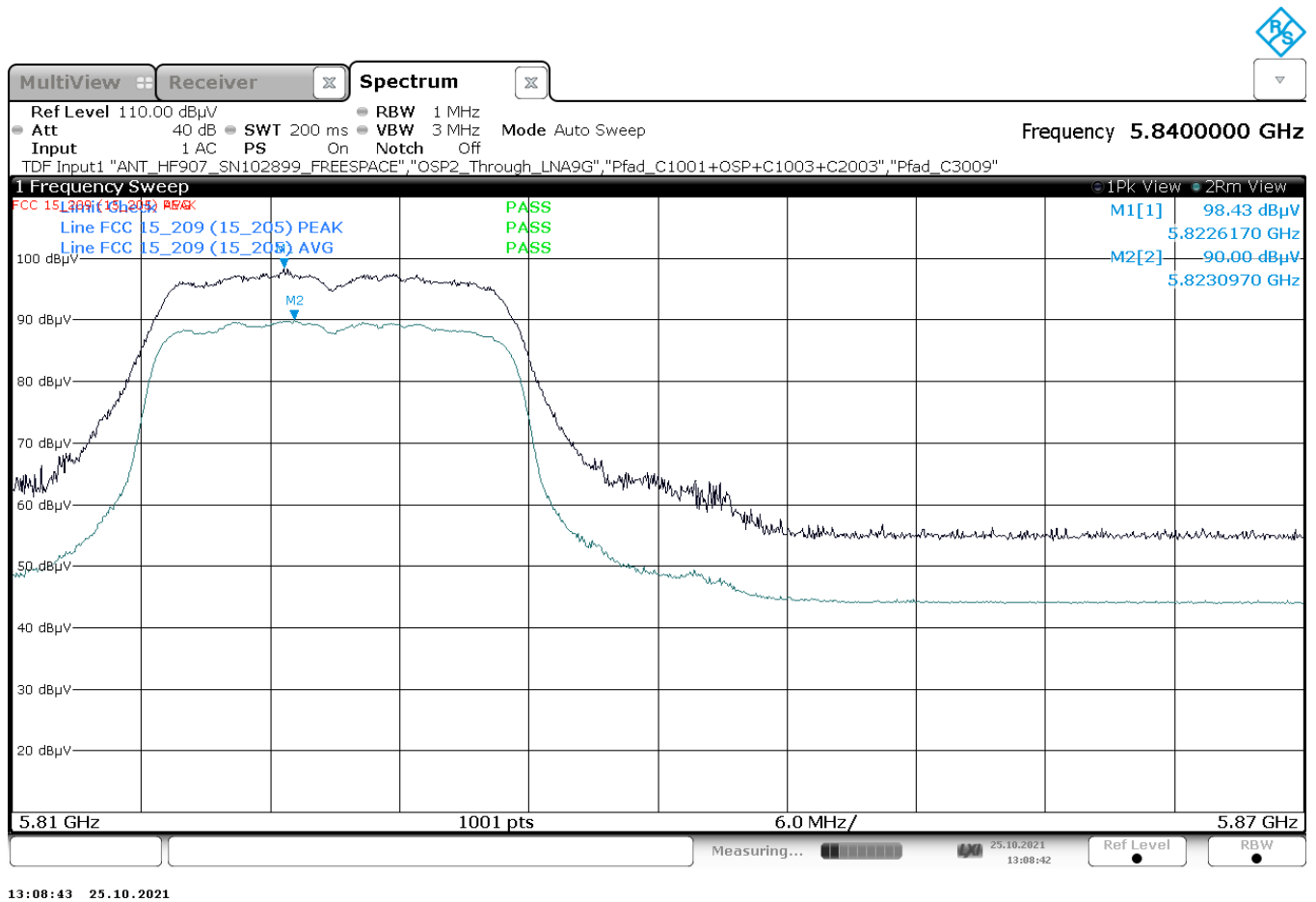
Plot 186: Mode 1, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth



13:03:23 25.10.2021

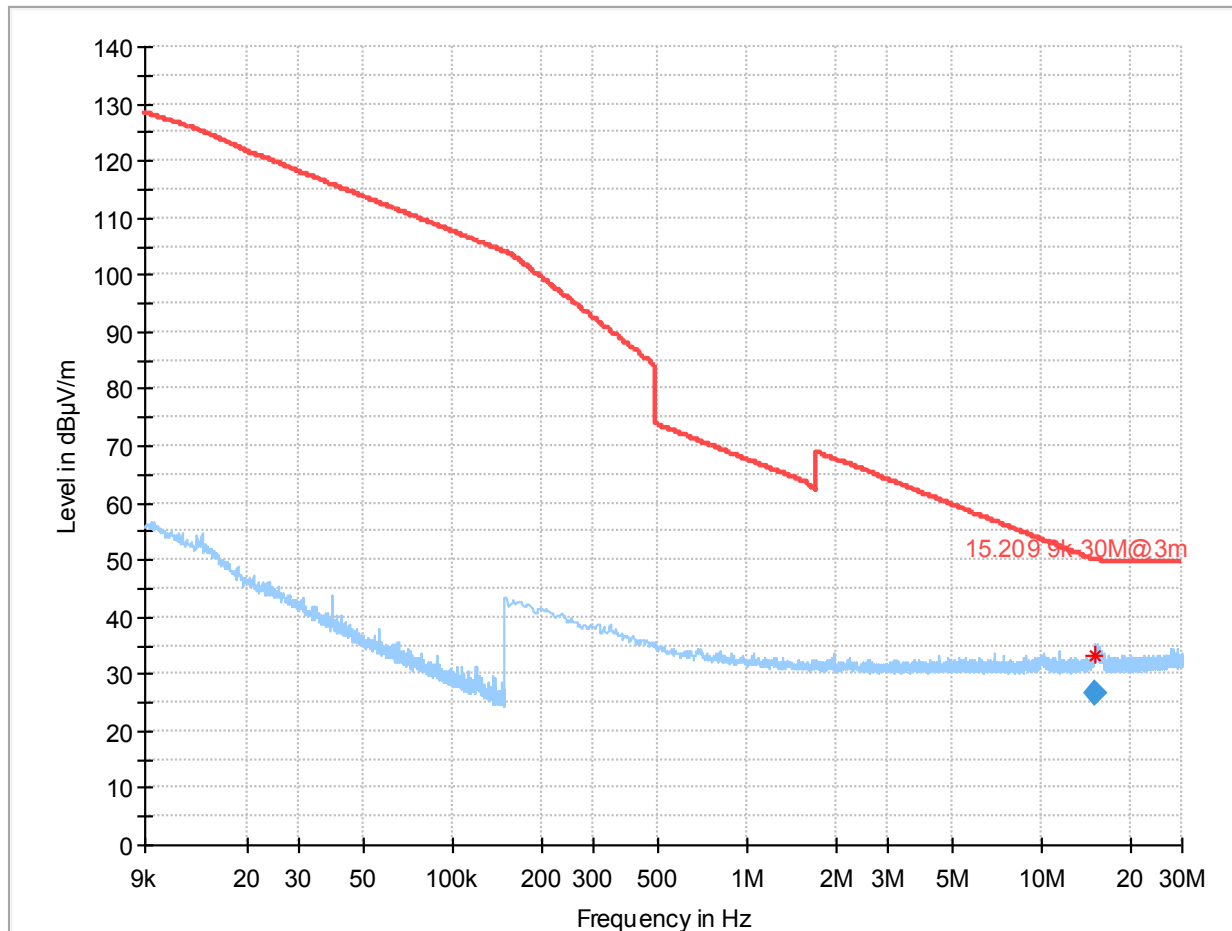
# Annex A of TR no.: 21086128-23003-1

Plot 187: Mode 1, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth



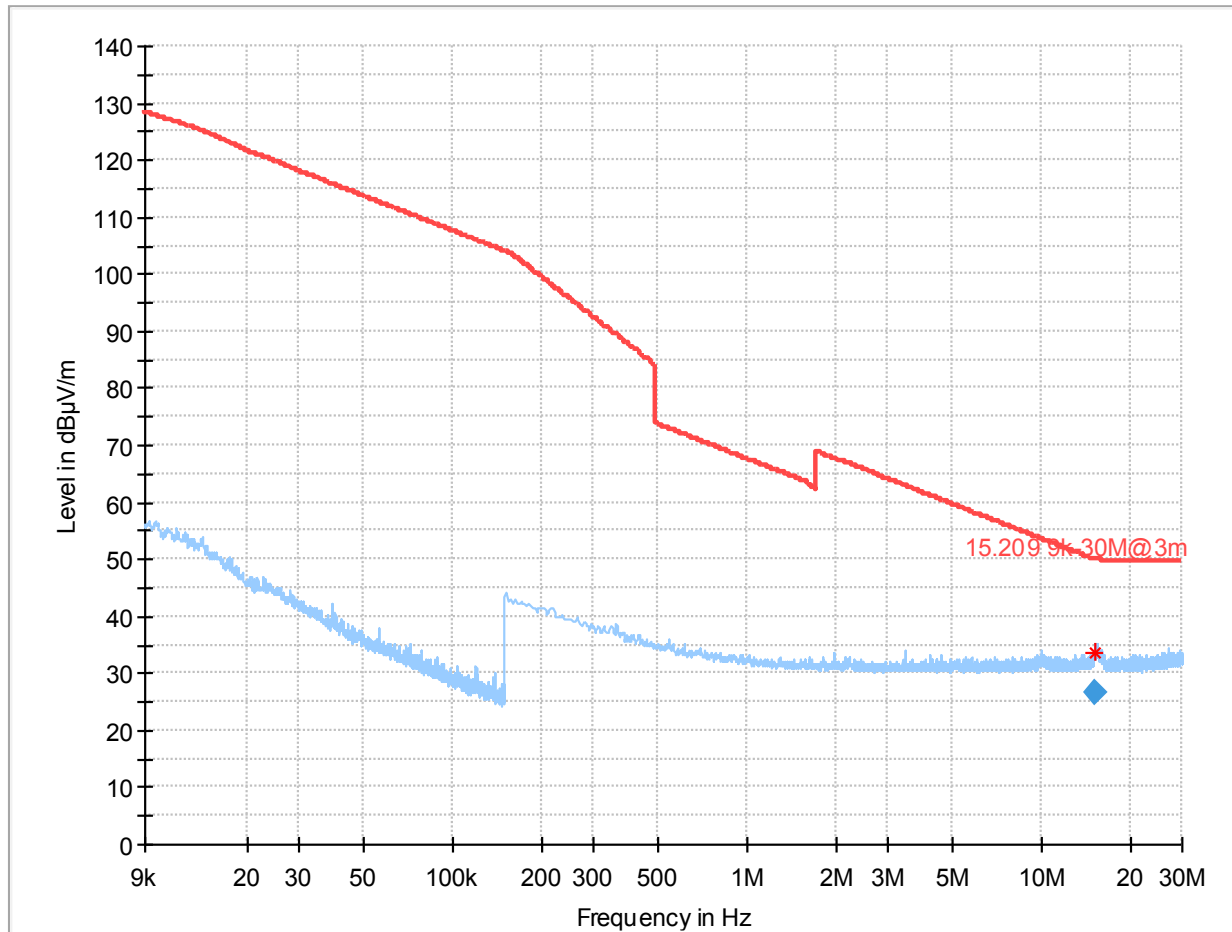
## 2.6.4 Radiated Spurious Emissions (RSE)

Plot 188: Mode 1, RSE 9 kHz – 30 MHz, channel 36, loop antenna



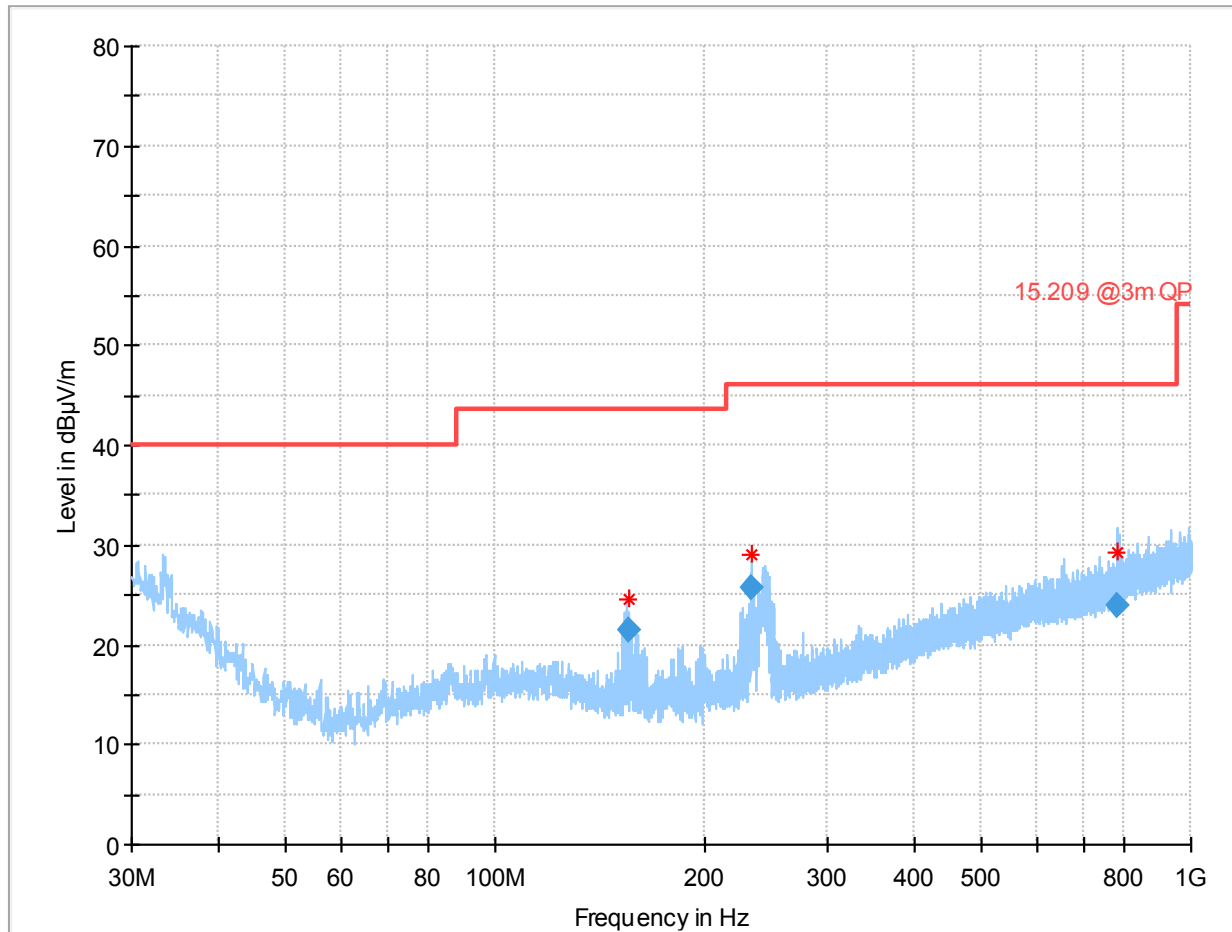
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-----|---------------|--------------|
| 15.315000       | 26.53              | 50.04          | 23.51       | 100.0           | 9.000           | V   | 300.0         | 20.5         |

Plot 189: Mode 1, RSE 9 kHz – 30 MHz, channel 165, loop antenna



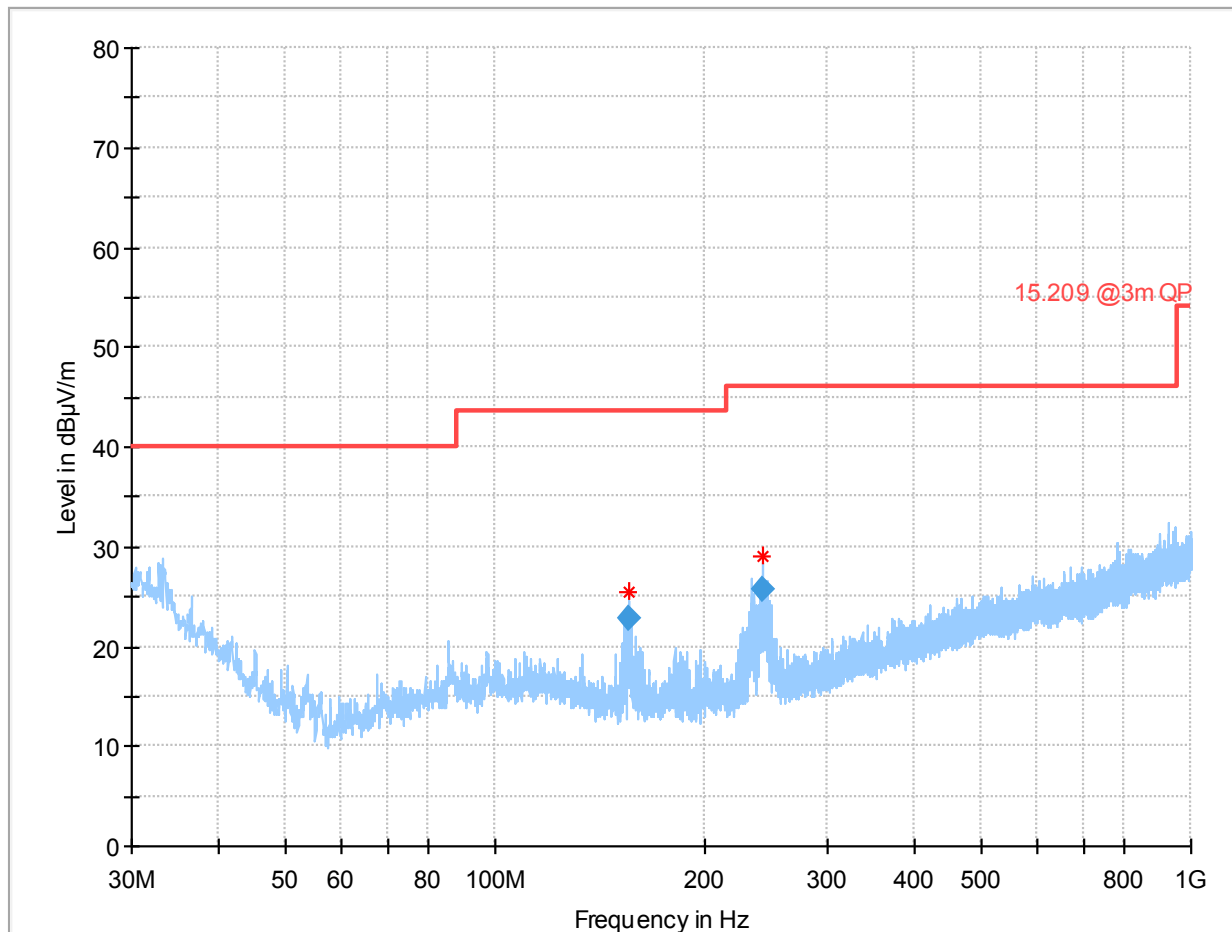
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-----|---------------|--------------|
| 15.272250       | 26.76              | 50.04          | 23.28       | 100.0           | 9.000           | H   | 30.0          | 20.5         |

Plot 190: Mode 1, RSE 30 MHz – 1 GHz, channel 36, horizontal / vertical polarisation



| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 155.095000      | 21.50              | 43.50          | 22.00       | 100.0           | 120.000         | 100.0       | V   | 65.0          |
| 233.820500      | 25.75              | 46.00          | 20.25       | 100.0           | 120.000         | 100.0       | V   | 2.0           |
| 784.232500      | 23.94              | 46.00          | 22.06       | 100.0           | 120.000         | 344.0       | H   | 294.0         |

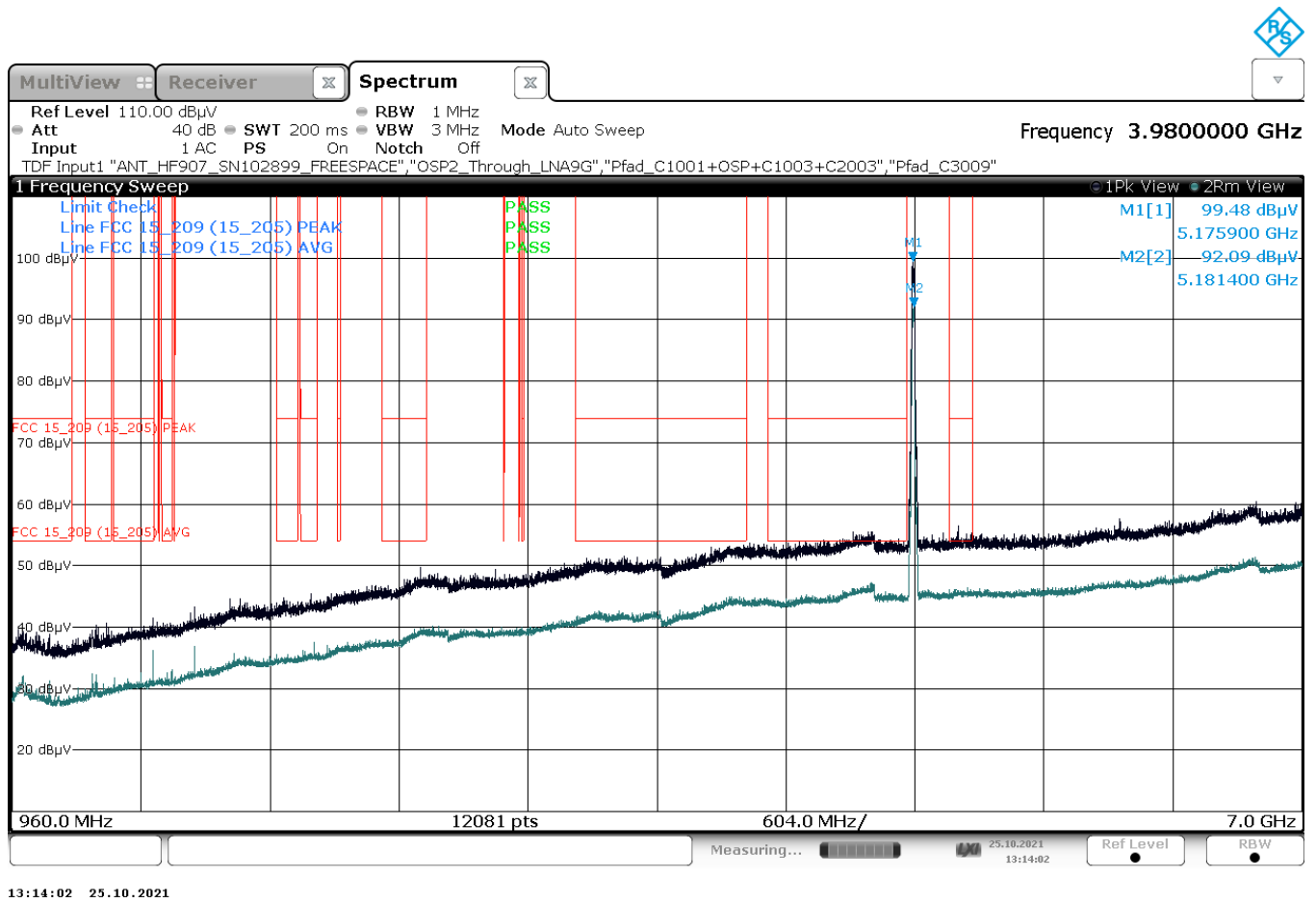
Plot 191: Mode 1, RSE 30 MHz – 1 GHz, channel 165, horizontal / vertical polarisation



| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 155.266500      | 22.78              | 43.50          | 20.72       | 100.0           | 120.000         | 100.0       | V   | 51.0          |
| 242.018500      | 25.79              | 46.00          | 20.21       | 100.0           | 120.000         | 100.0       | V   | 342.0         |

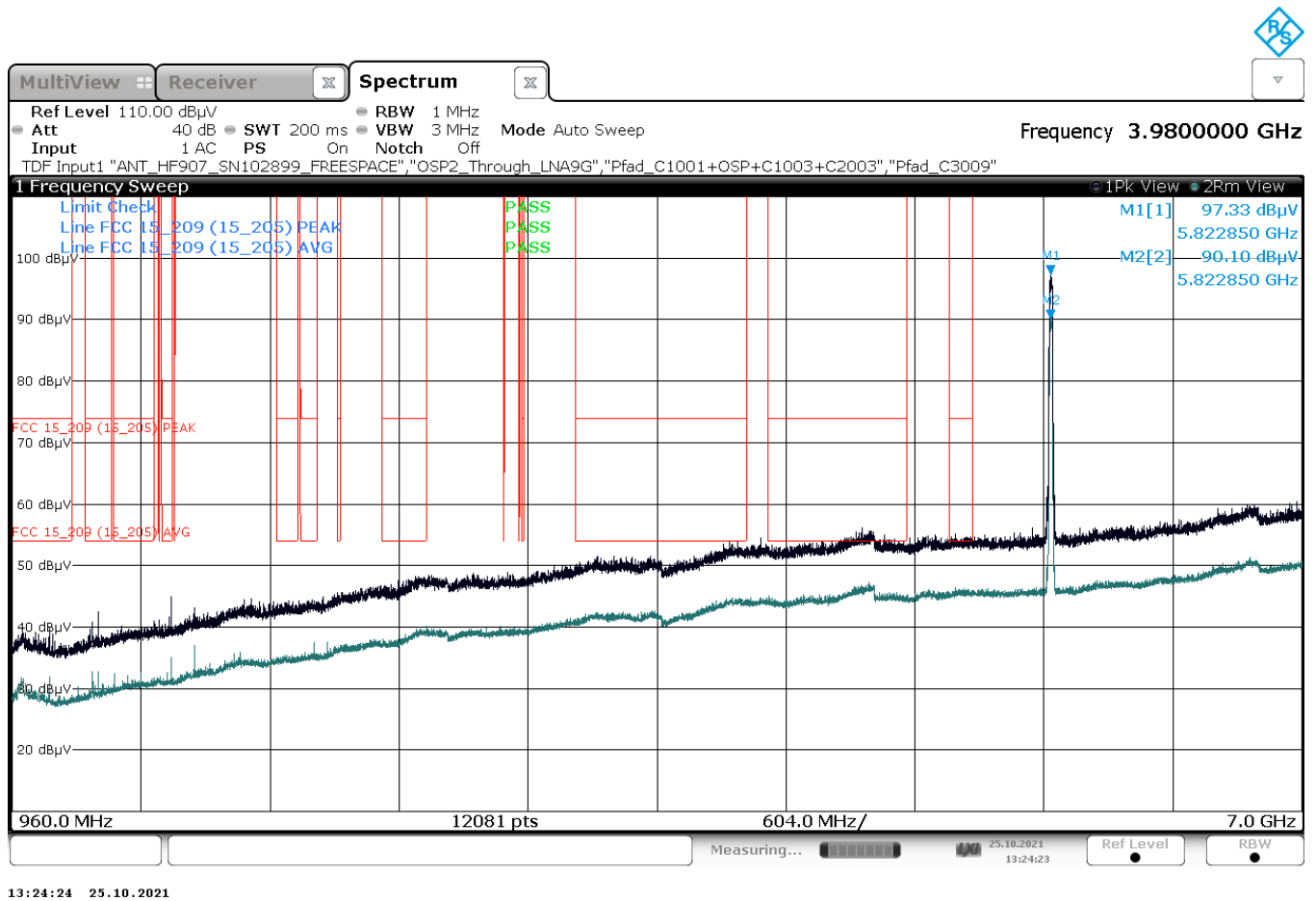
# Annex A of TR no.: 21086128-23003-1

Plot 192: Mode 1, RSE 1 GHz – 7 GHz, channel 36, horizontal / vertical polarisation

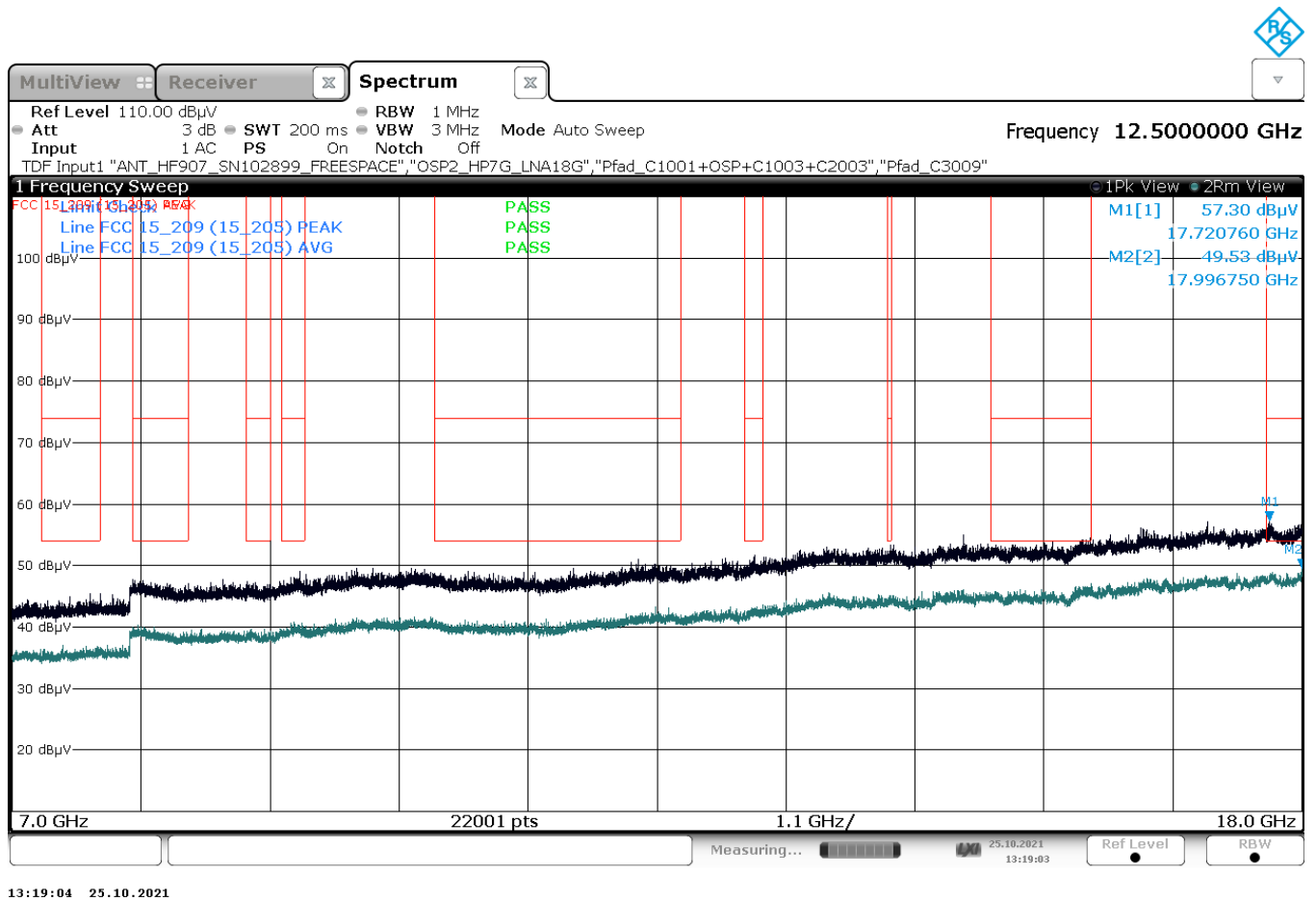


# Annex A of TR no.: 21086128-23003-1

Plot 193: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation

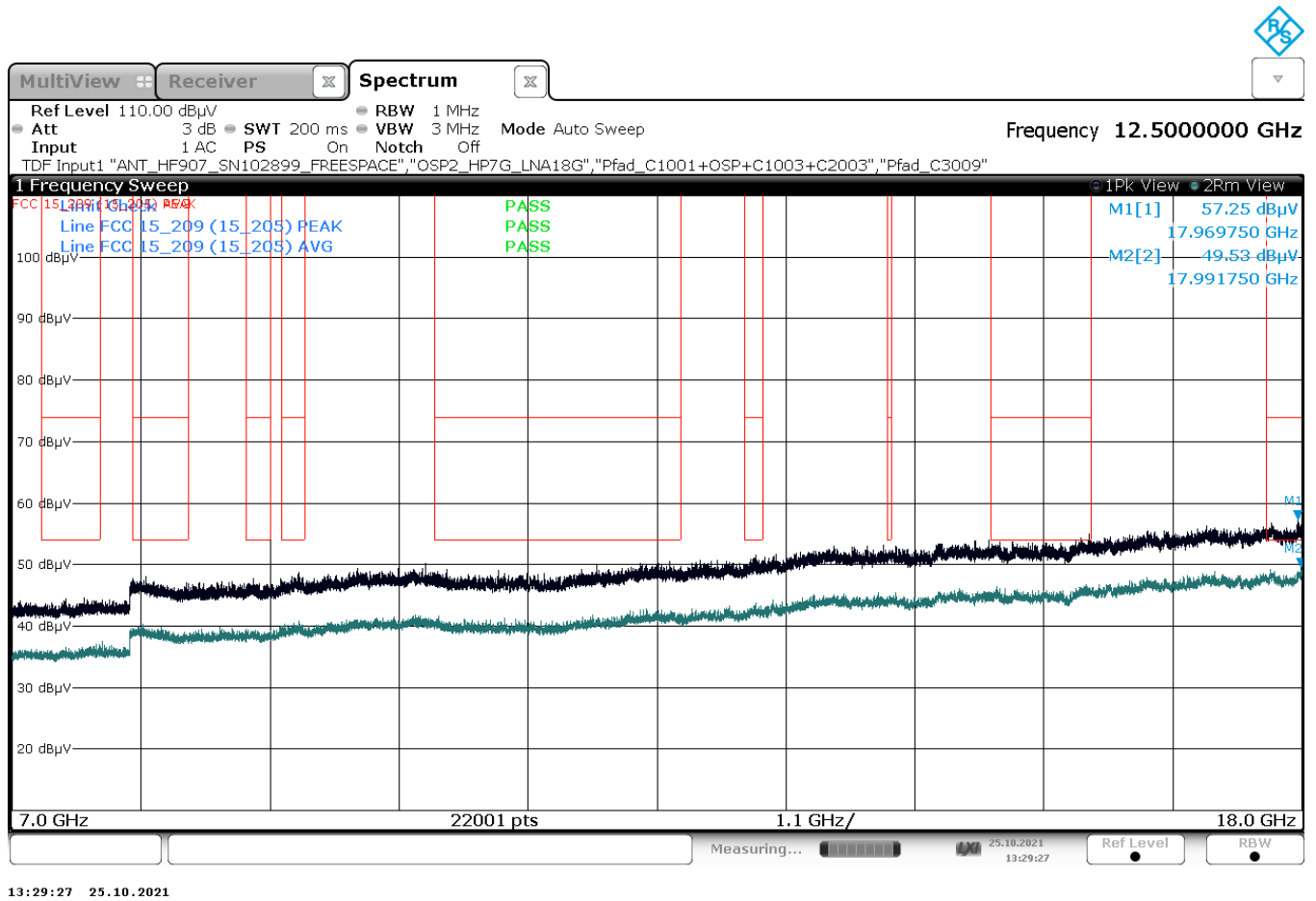


Plot 194: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation



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

Plot 195: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



## 2.7 Variant ID #54

### DUT Information

DUT Name: prePV 54  
 Manufacturer: Mitsubishi Electric Corporation  
 Serial Number: 65702

#### 2.7.1 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

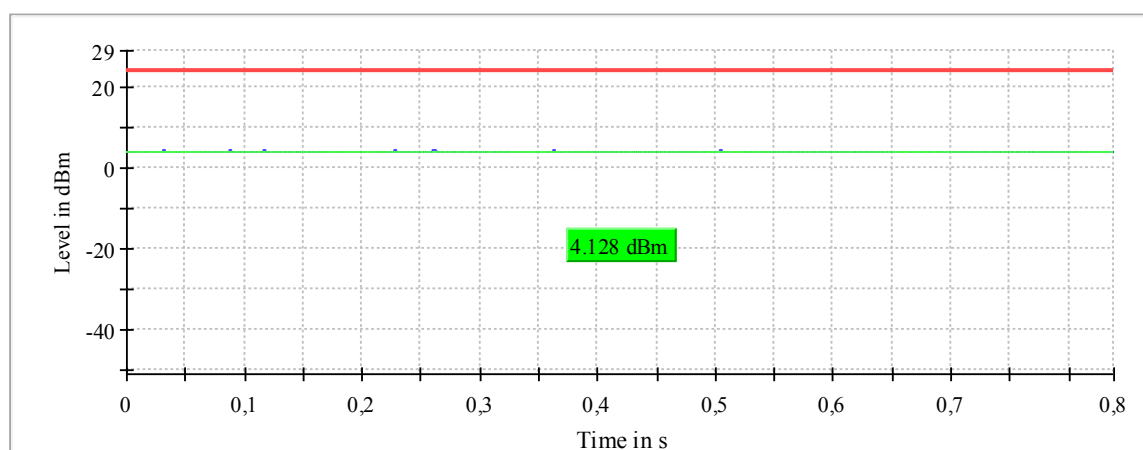
DUT Name: prePV 54  
 Manufacturer: Mitsubishi Electric Corporation  
 Serial Number: 65703

Plot 196: 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         | 4.1             | 24.0            | 4.1              | 84.284        | PASS   |

Gated Trace

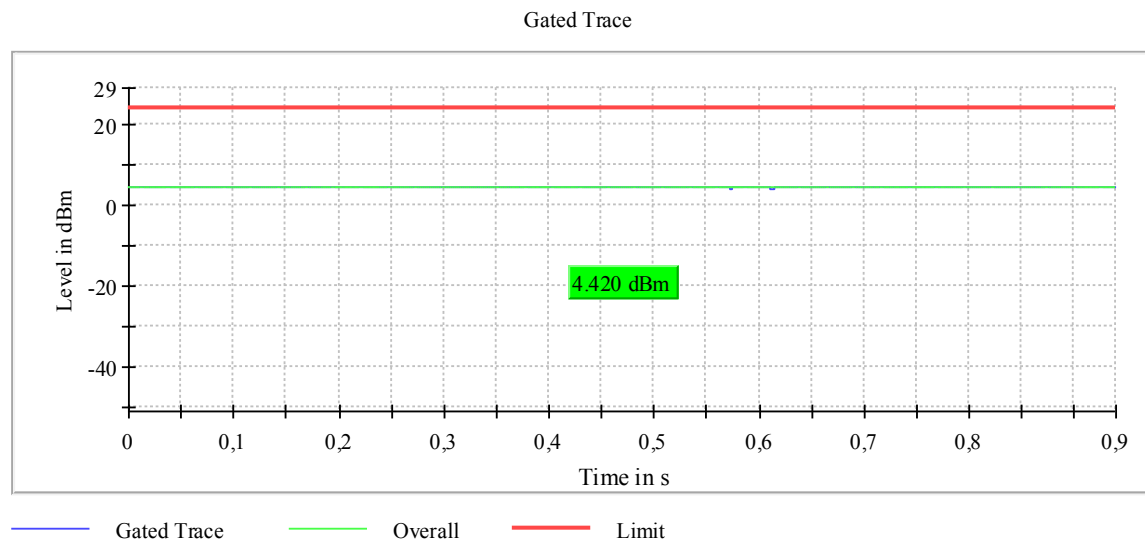


— Gated Trace — Overall — Limit

Plot 197: Mode 1, U-NII-1, AVGPM-G Gated Average Power Measurement, mid channel

## Result

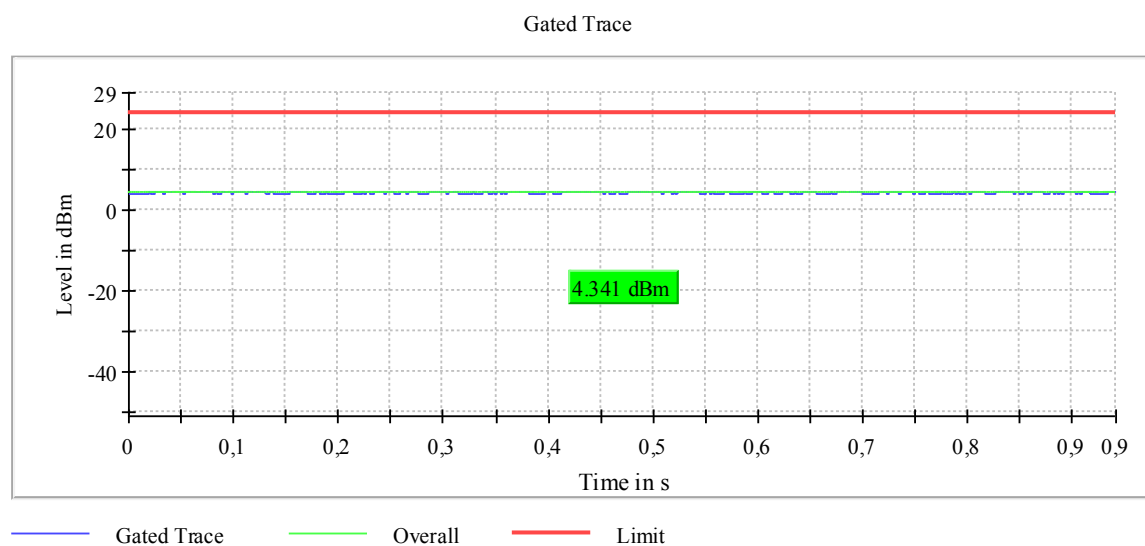
| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5220.000000         | 4.4             | 24.0            | 4.4              | 94.229        | PASS   |



Plot 198: Mode 1, U-NII-1, AVGPM-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              | 94.318        | PASS   |

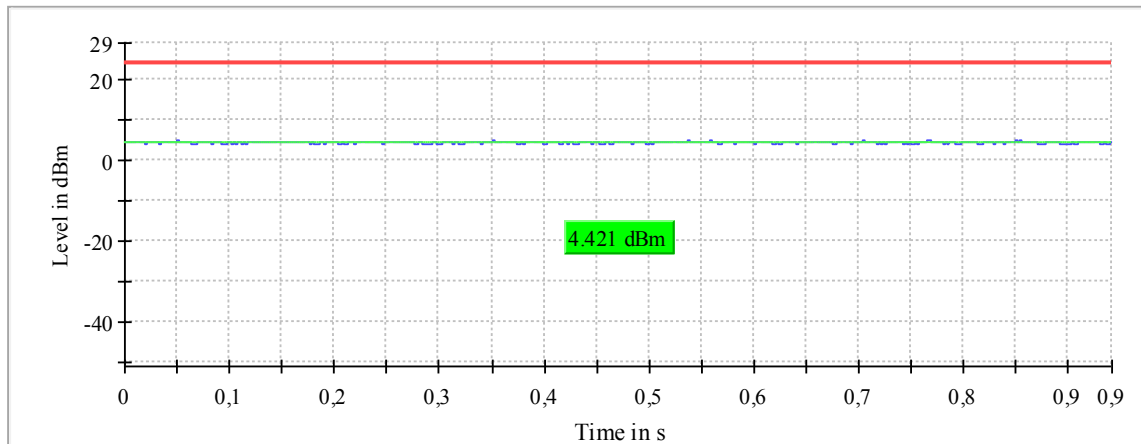


Plot 199: Mode 1, U-NII-2A, AVGP-M-G Gated Average Power Measurement, low channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5260.000000         | 4.4             | 24.0            | 4.4              | 94.321        | PASS   |

Gated Trace



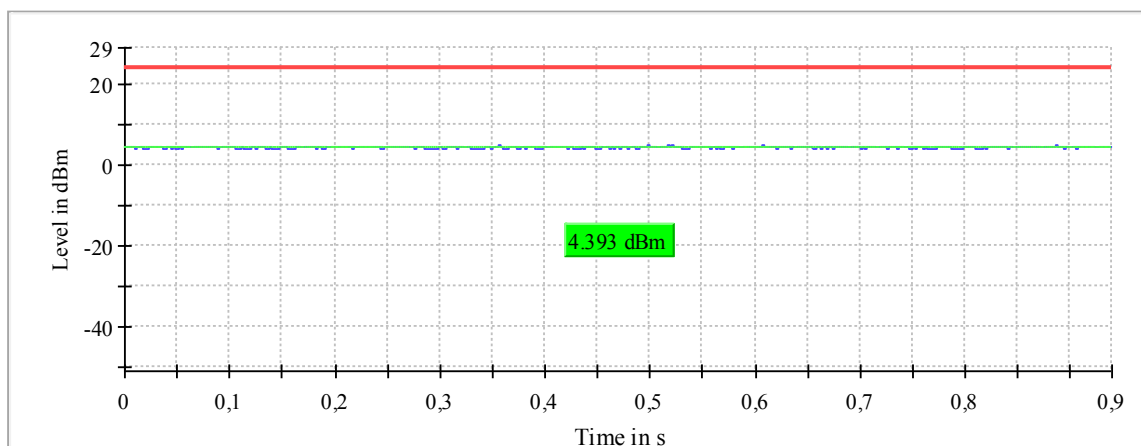
— Gated Trace — Overall — Limit

Plot 200: Mode 1, U-NII-2A, AVGP-M-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              | 94.351        | PASS   |

Gated Trace



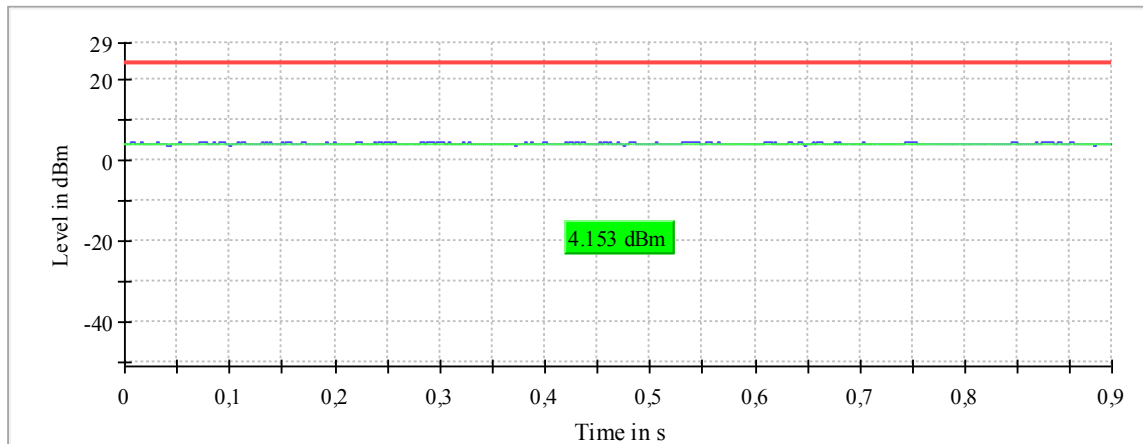
— Gated Trace — Overall — Limit

Plot 201: Mode 1, U-NII-2A, AVGP-M-G Gated Average Power Measurement, high channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5320.000000         | 4.2             | 24.0            | 4.2              | 94.294        | PASS   |

Gated Trace



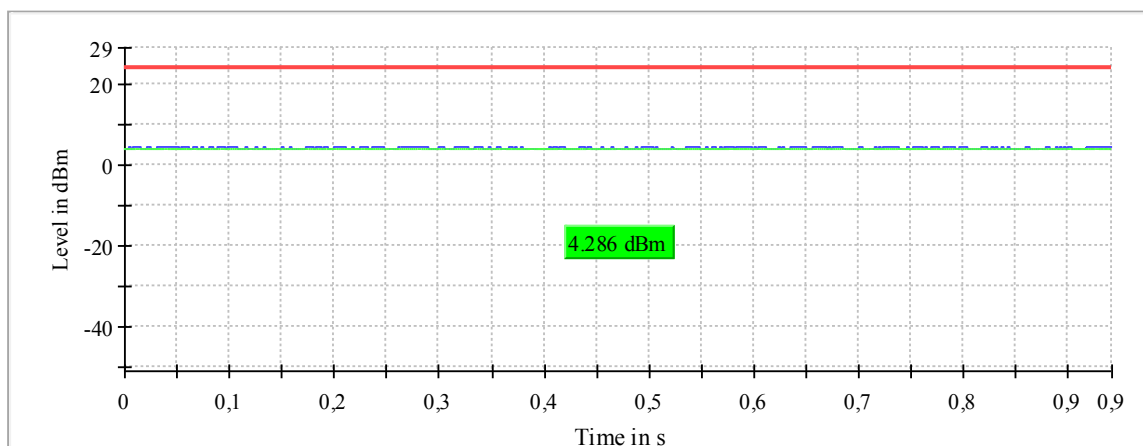
— Gated Trace — Overall — Limit

Plot 202: Mode 1, U-NII-2C, AVGP-M-G Gated Average Power Measurement, low channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5500.000000         | 4.3             | 24.0            | 4.3              | 94.376        | PASS   |

Gated Trace



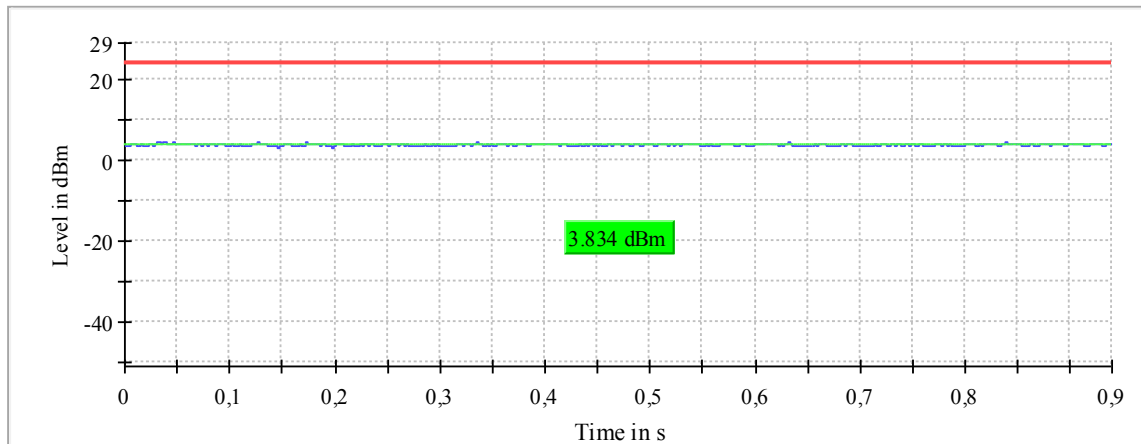
— Gated Trace — Overall — Limit

Plot 203: 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              | 94.320        | PASS   |

Gated Trace



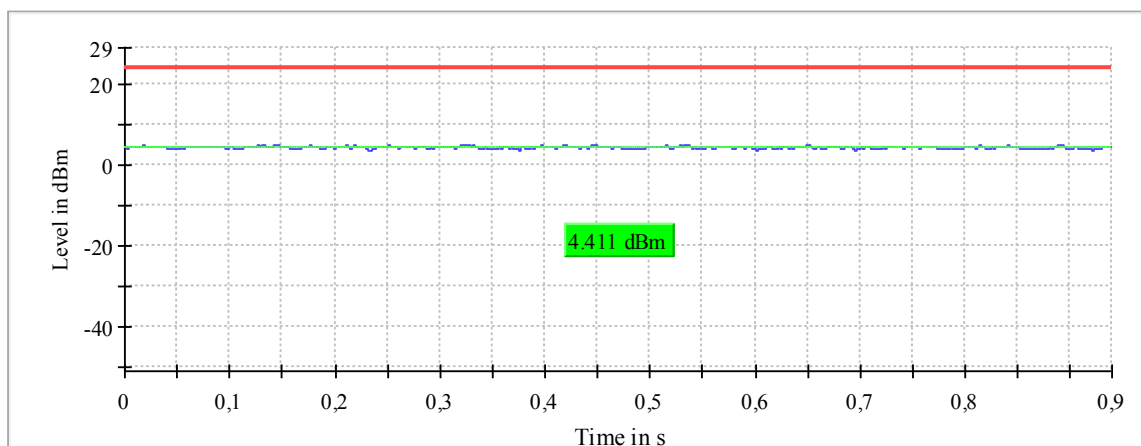
— Gated Trace — Overall — Limit

Plot 204: 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              | 94.254        | PASS   |

Gated Trace



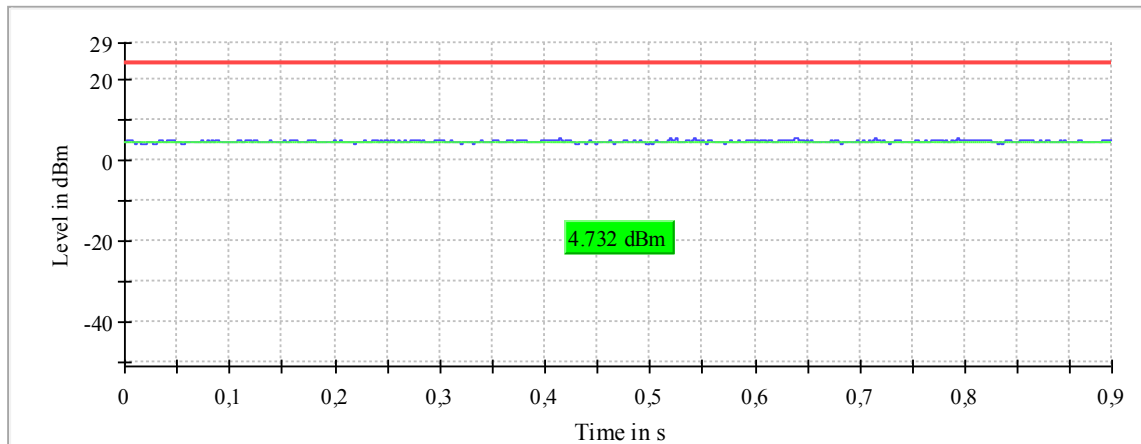
— Gated Trace — Overall — Limit

Plot 205: 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         | 4.7             | 24.0            | 4.7              | 94.299        | PASS   |

Gated Trace



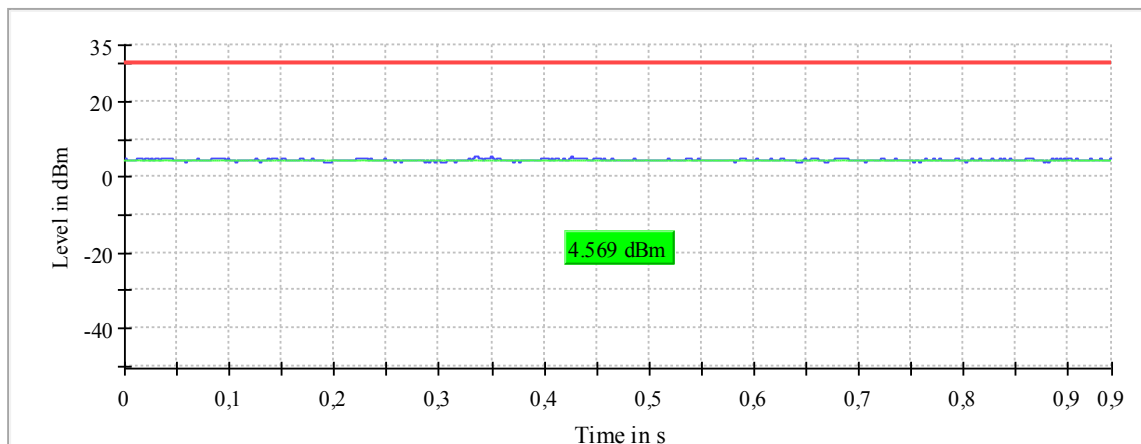
— Gated Trace — Overall — Limit

Plot 206: 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              | 94.307        | PASS   |

Gated Trace



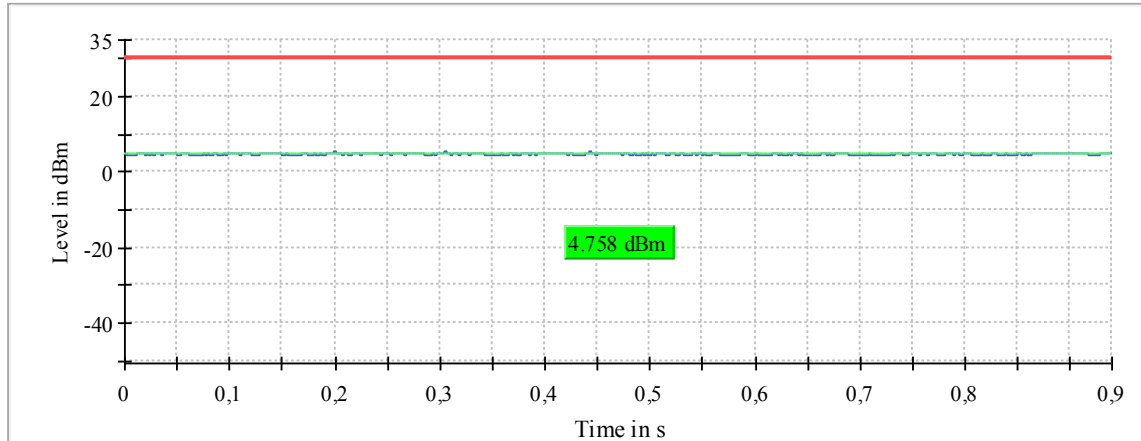
— Gated Trace — Overall — Limit

Plot 207: Mode 1, U-NII-3, AVGP-M-G Gated Average Power Measurement, mid channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5785.000000         | 4.8             | 30.0            | 4.8              | 94.247        | PASS   |

Gated Trace



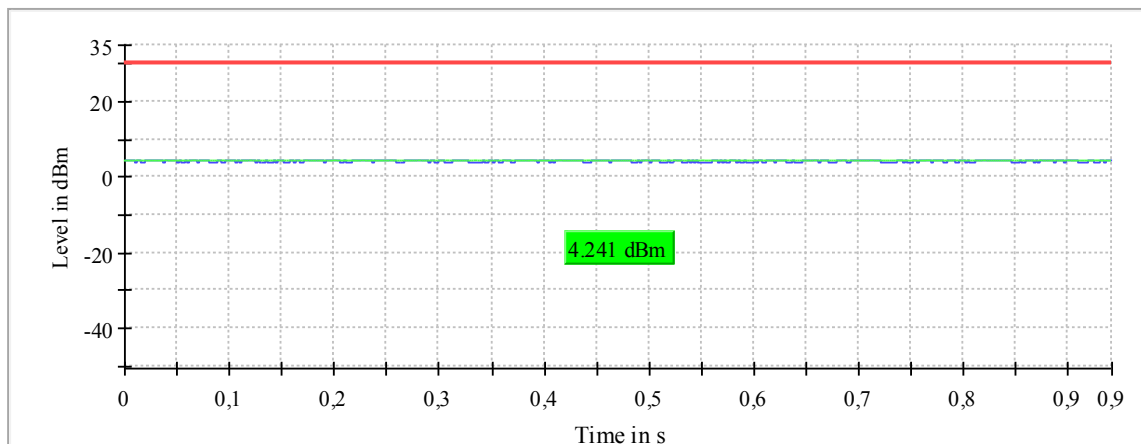
— Gated Trace — Overall — Limit

Plot 208: Mode 1, U-NII-3, AVGP-M-G Gated Average Power Measurement, high channel

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5825.000000         | 4.2             | 30.0            | 4.2              | 94.299        | PASS   |

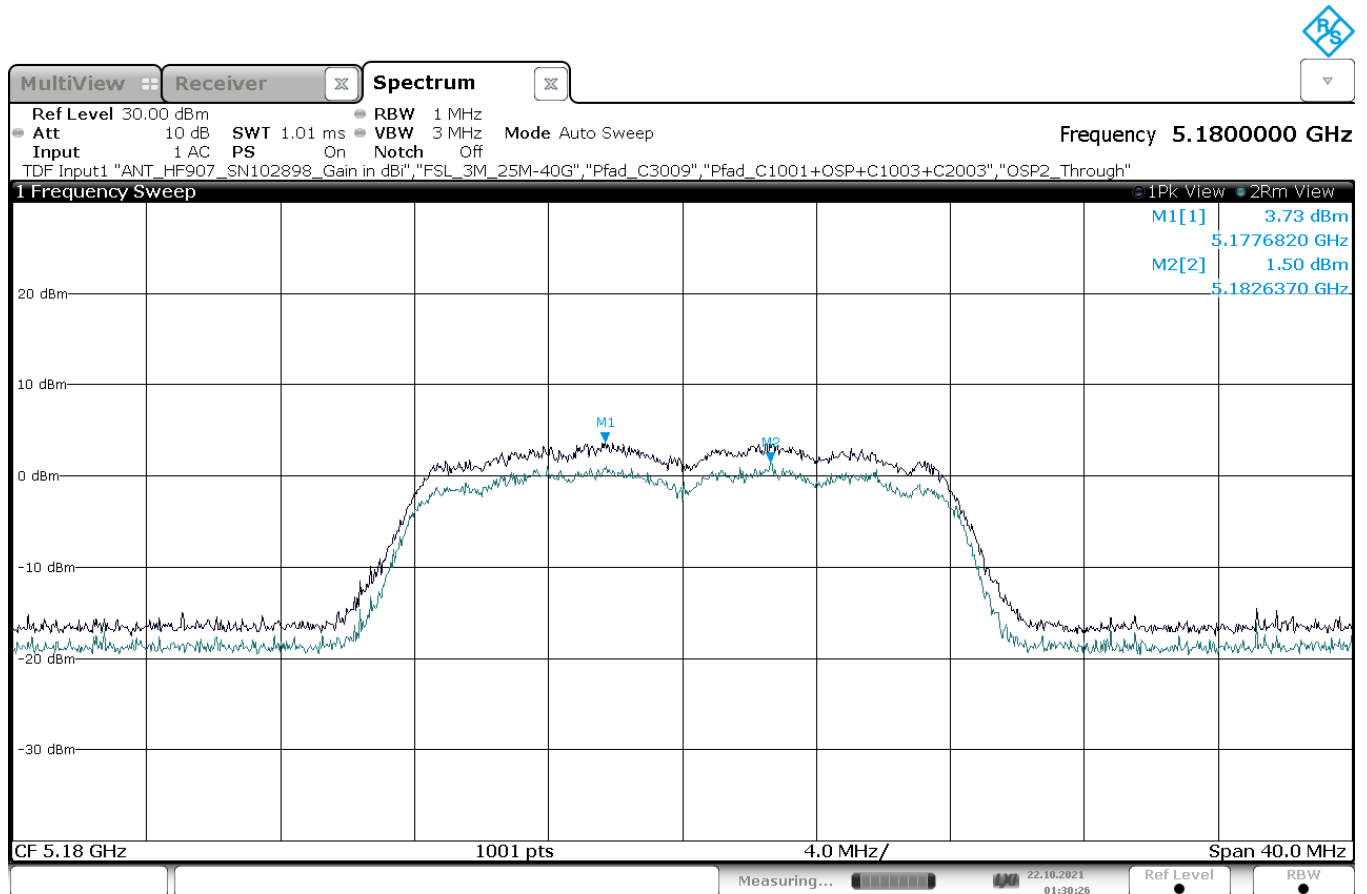
Gated Trace



— Gated Trace — Overall — Limit

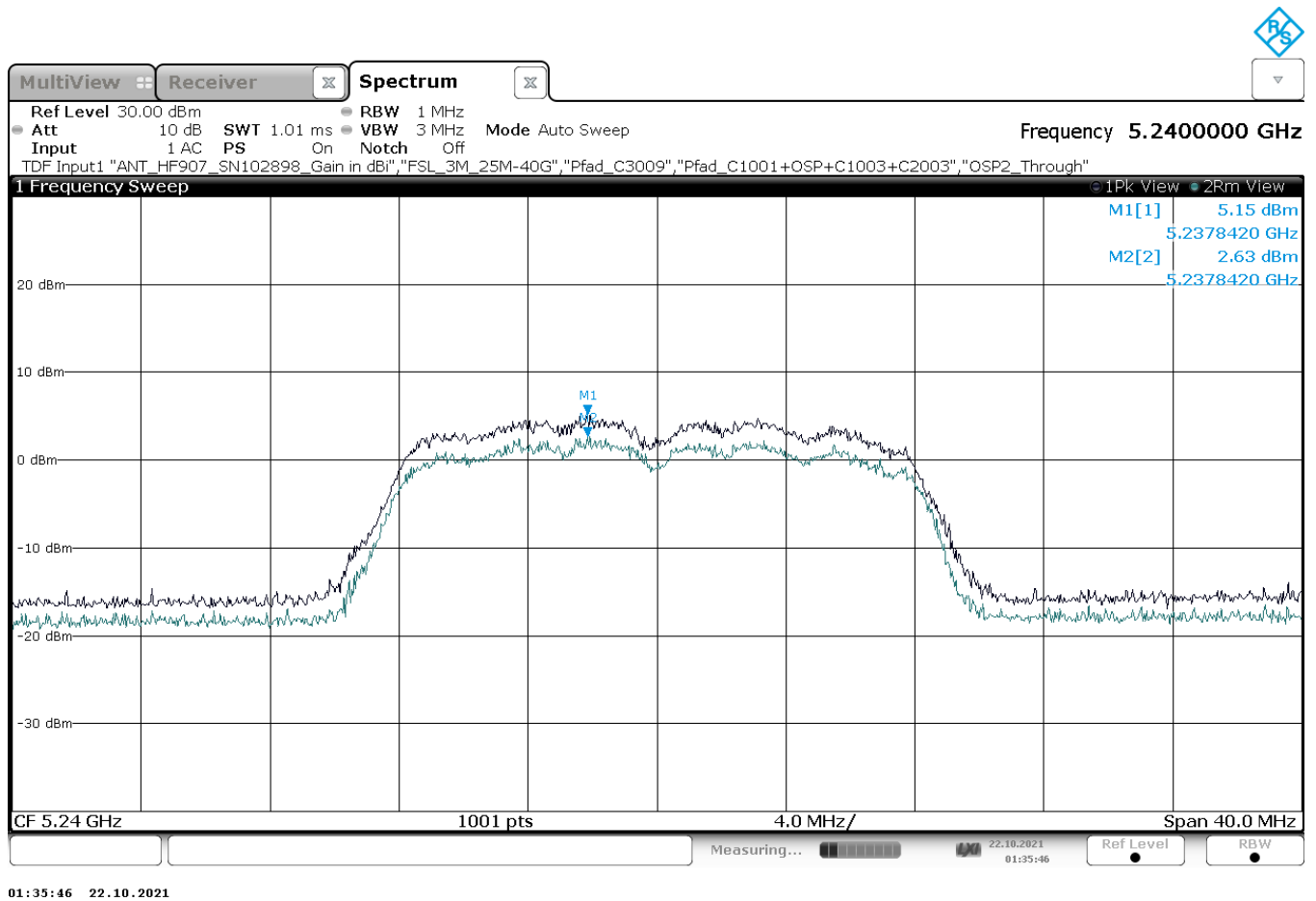
## 2.7.2 Radiated Peak Power (Peak EIRP)

Plot 209: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 36, 5180 MHz

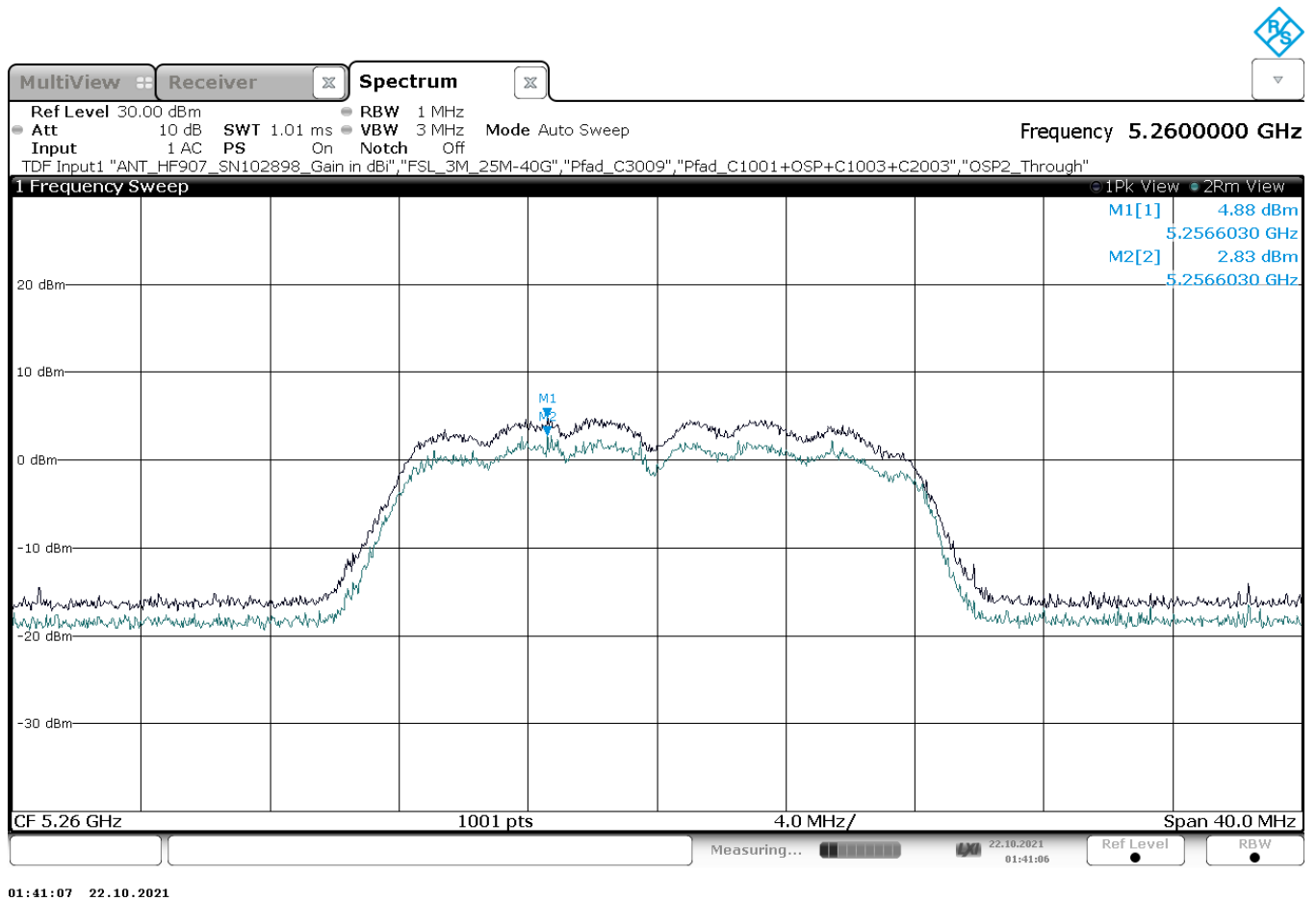


01:30:26 22.10.2021

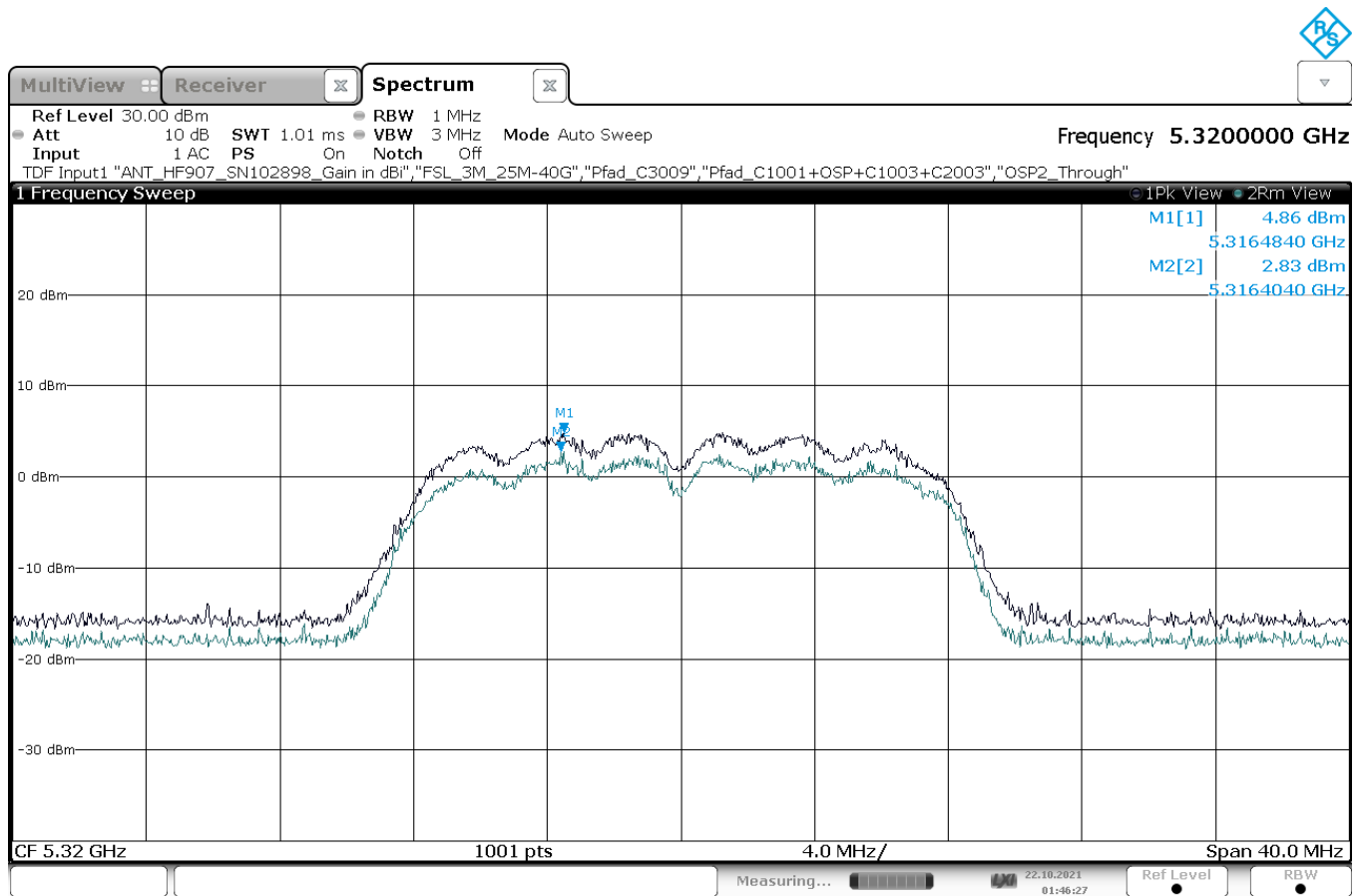
Plot 210: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 48, 5240 MHz



Plot 211: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 52, 5260 MHz

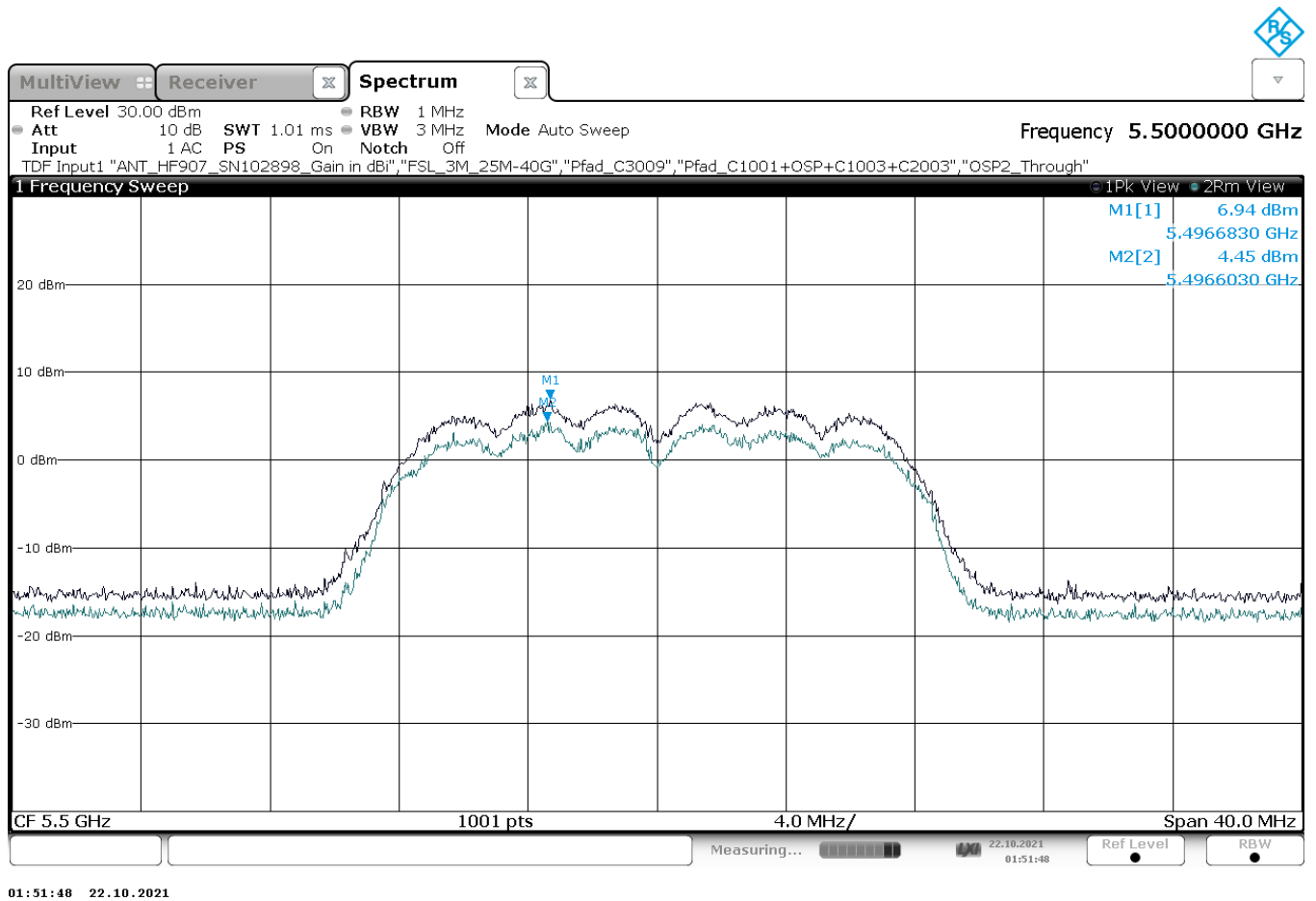


Plot 212: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 64, 5320 MHz

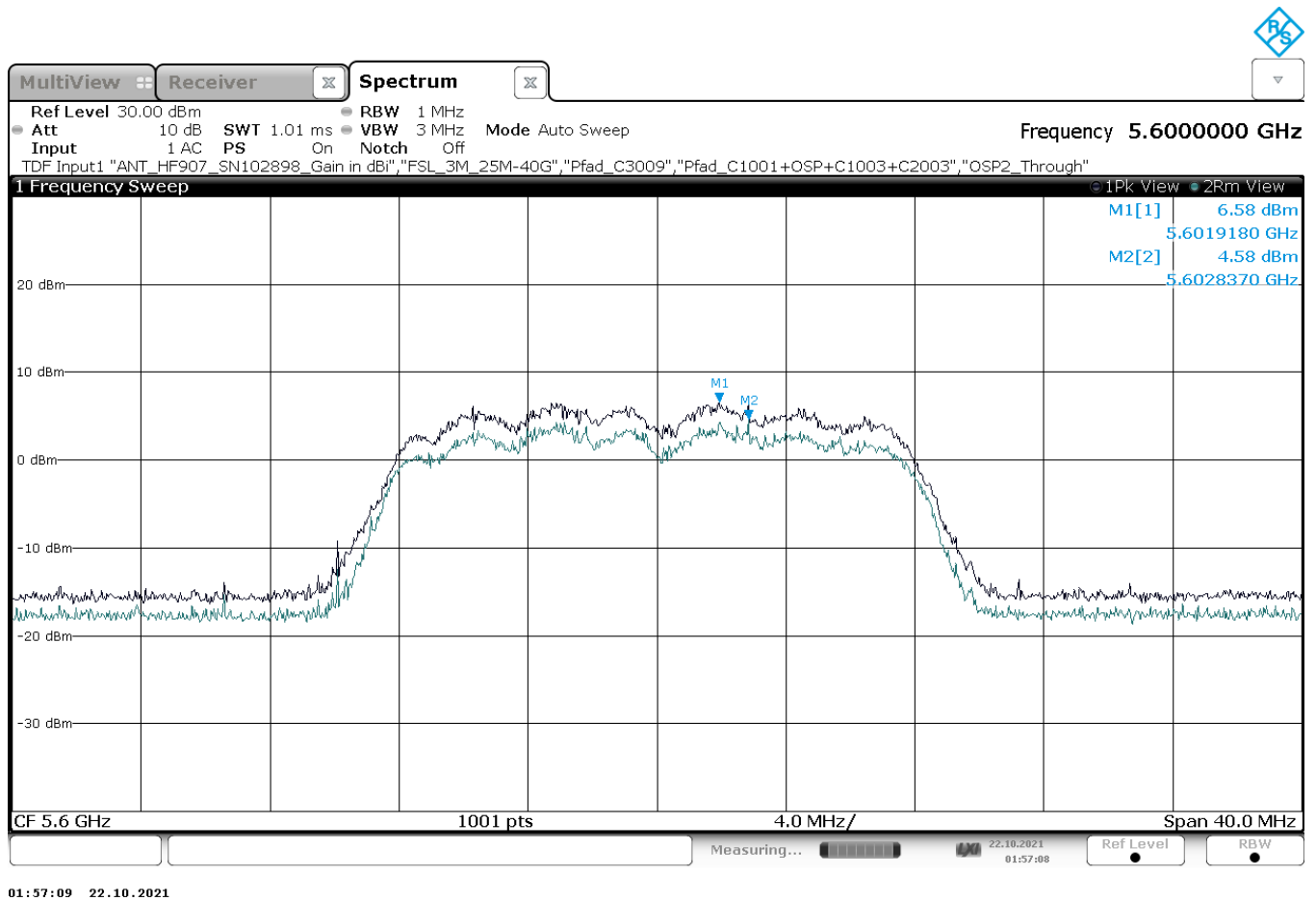


01:46:27 22.10.2021

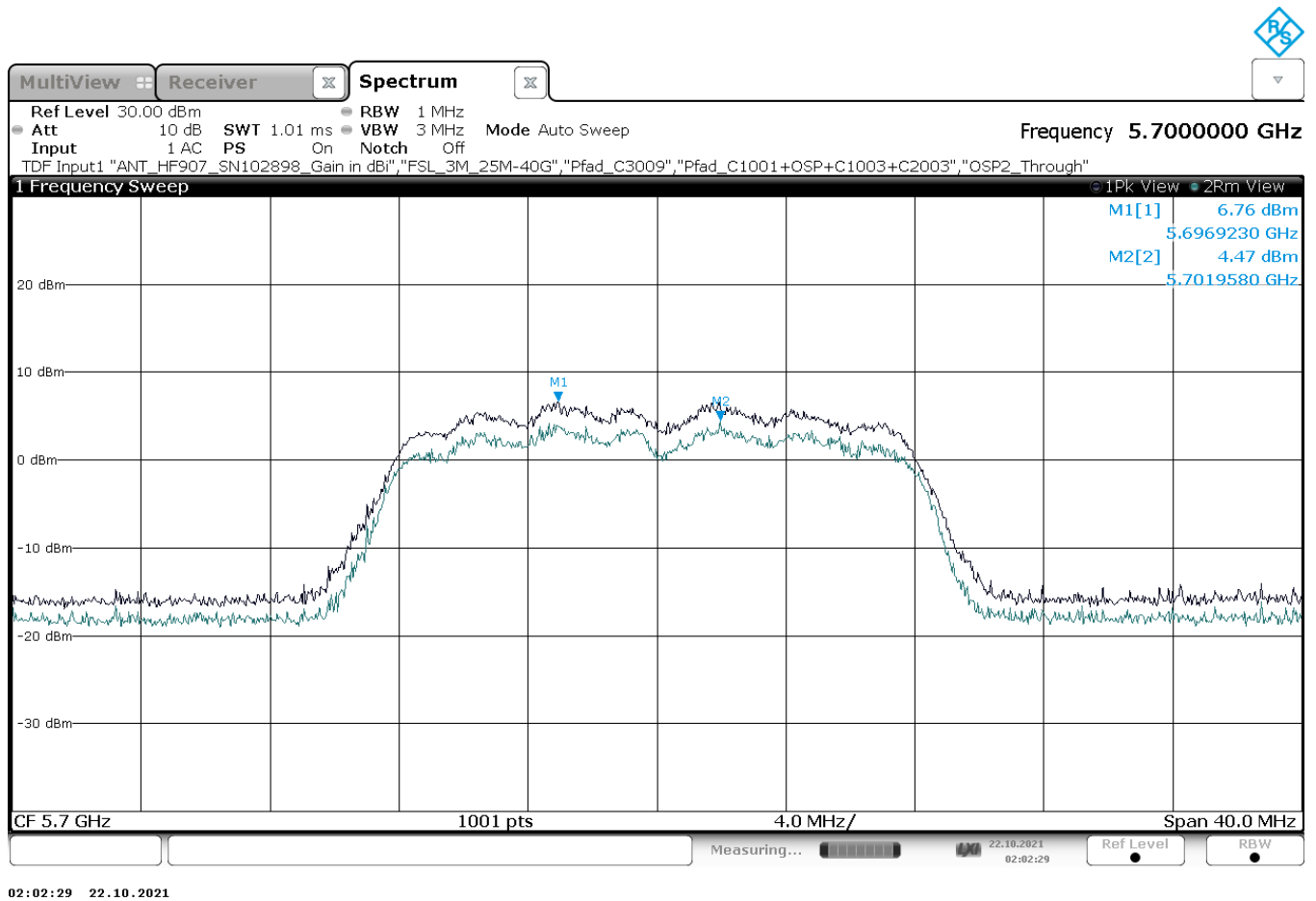
Plot 213: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 100, 5500 MHz



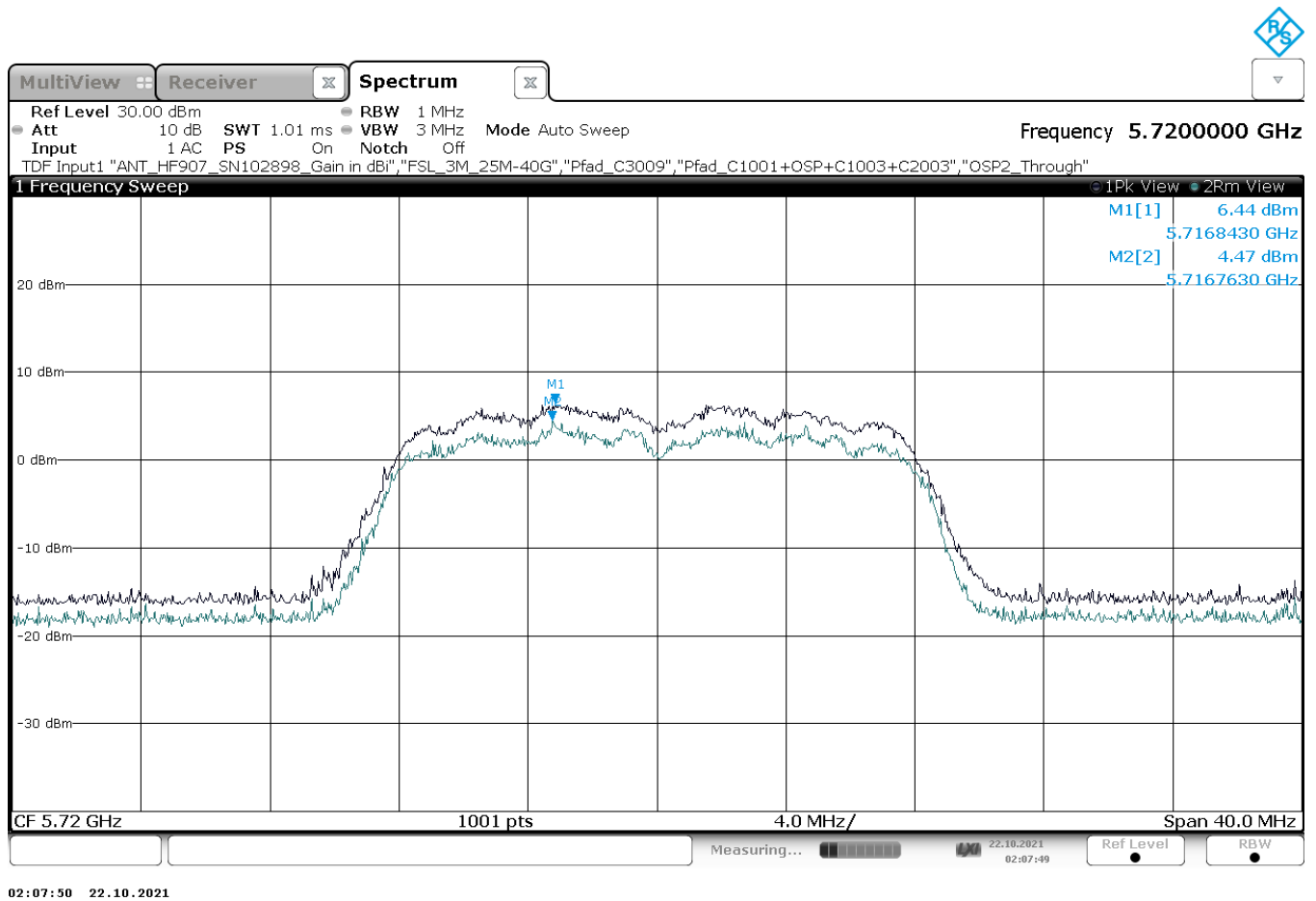
Plot 214: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 120, 5600 MHz



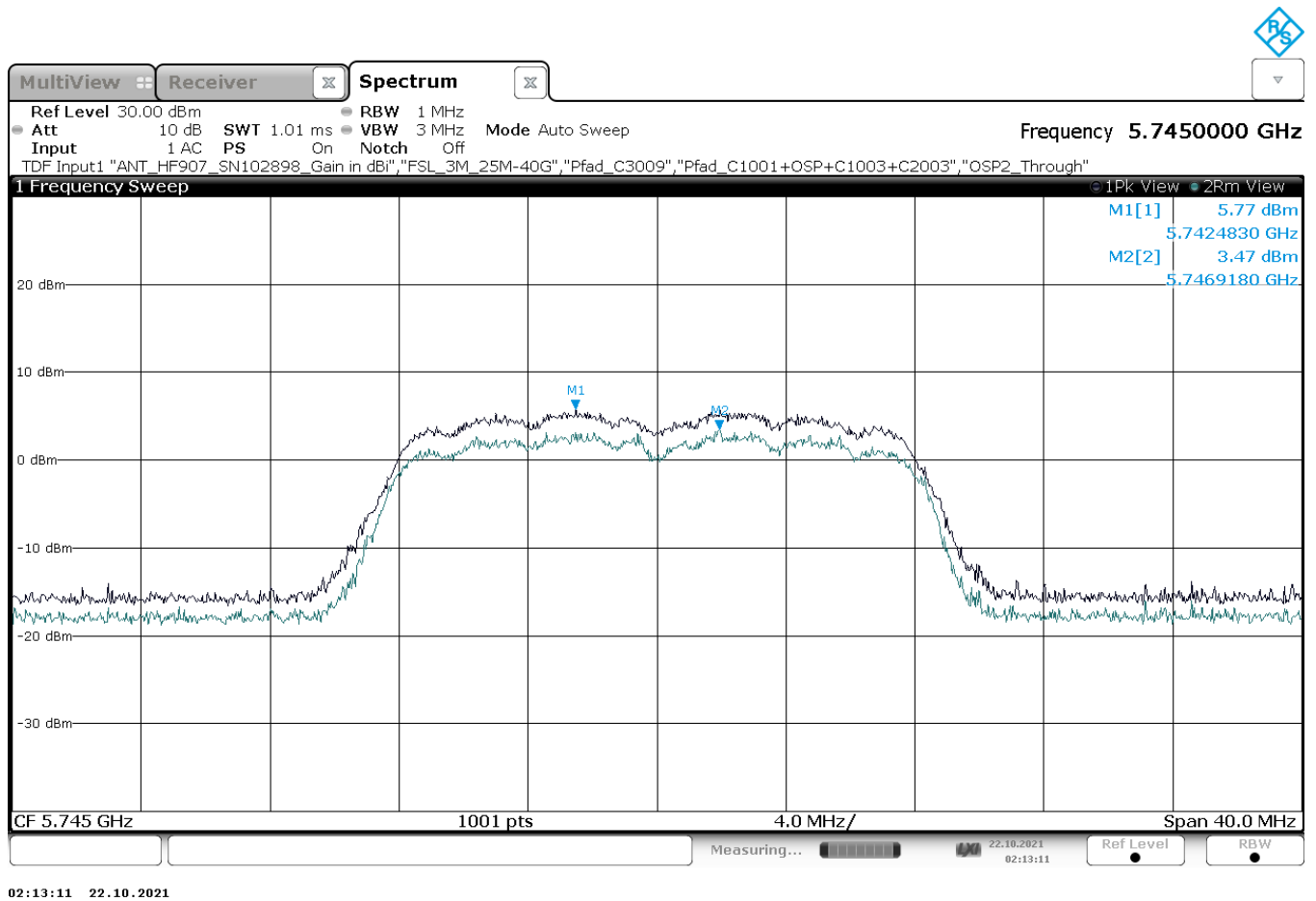
Plot 215: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 140, 5700 MHz



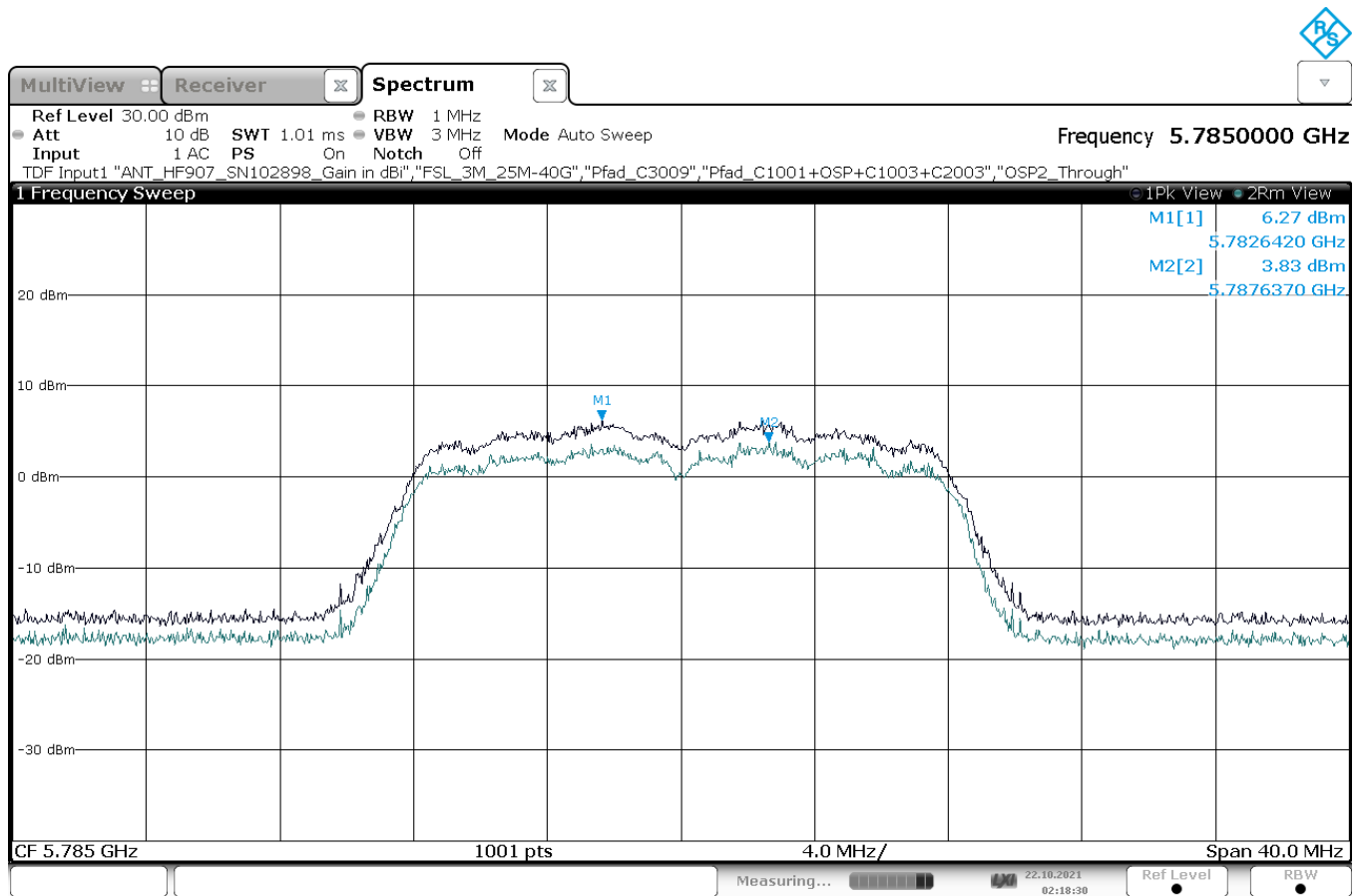
Plot 216: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 144, 5720 MHz



Plot 217: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 149, 5745 MHz

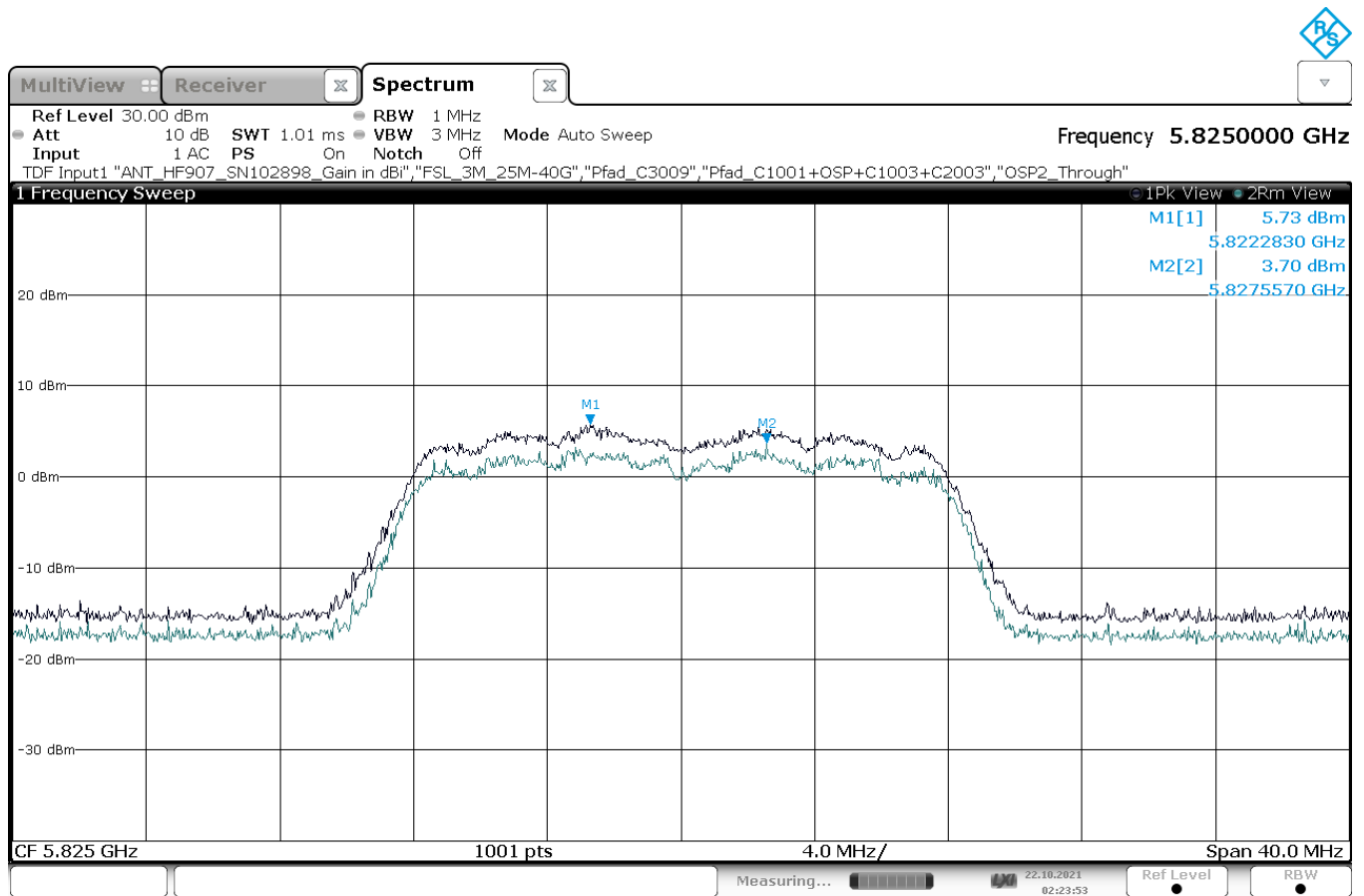


Plot 218: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 157, 5785 MHz



02:18:31 22.10.2021

Plot 219: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 165, 5825 MHz



02:23:53 22.10.2021

## 2.7.3 Band Edge Compliance (BEC), radiated

Plot 220: Mode 1, a-mode, BEC low, channel 36, 5180 MHz

