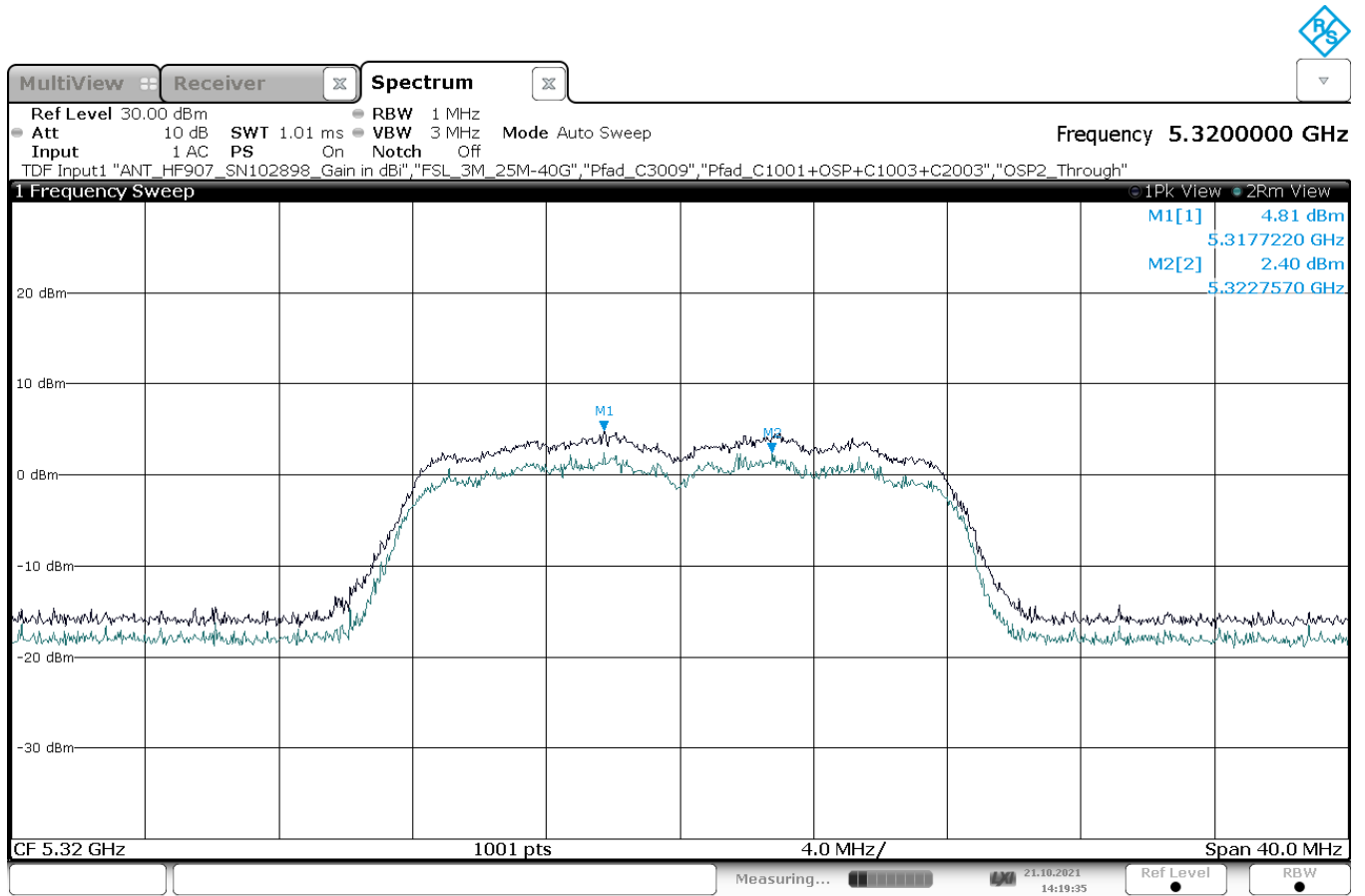


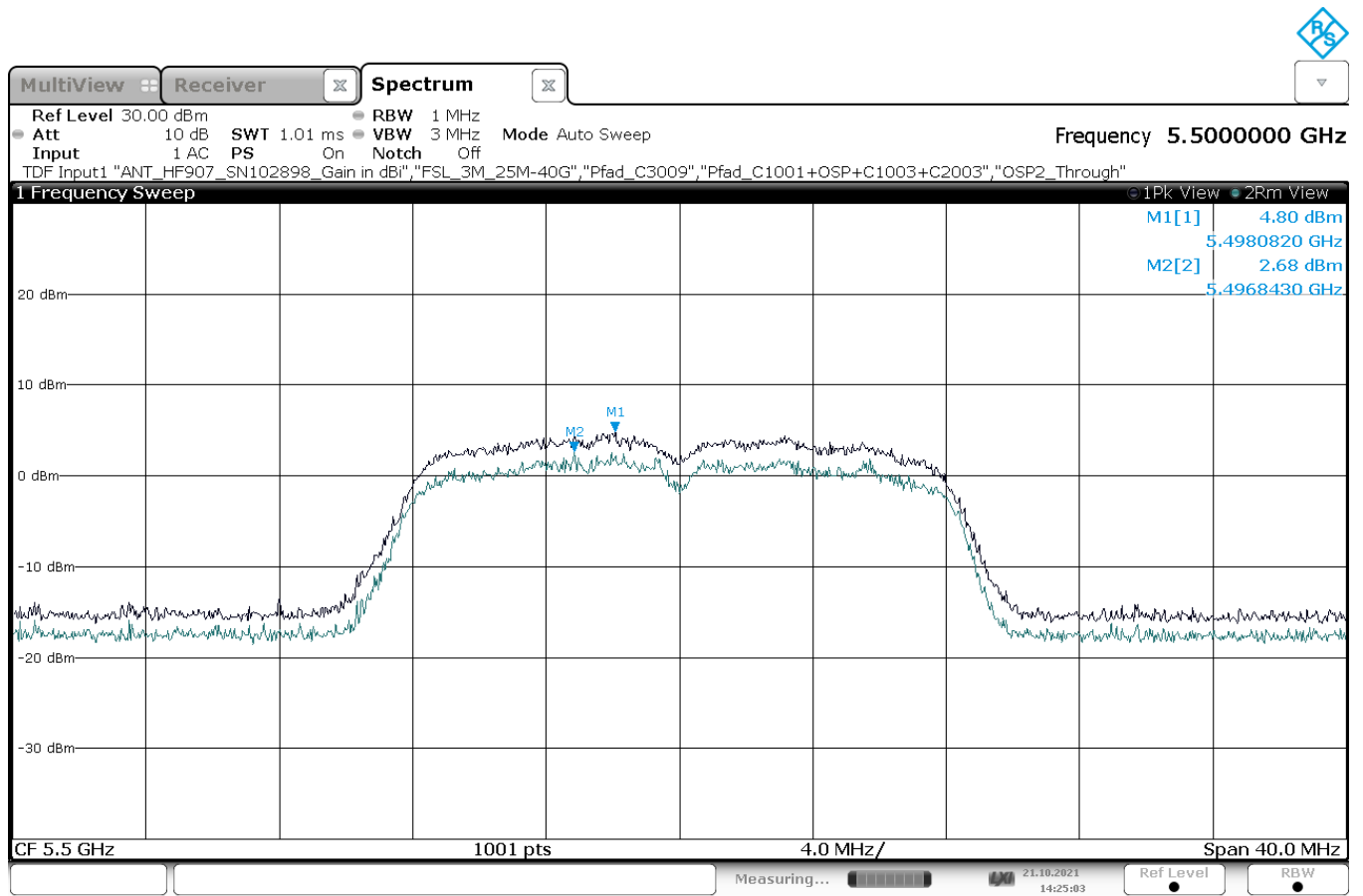
Plot 57: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 64, 5320 MHz



14:19:36 21.10.2021

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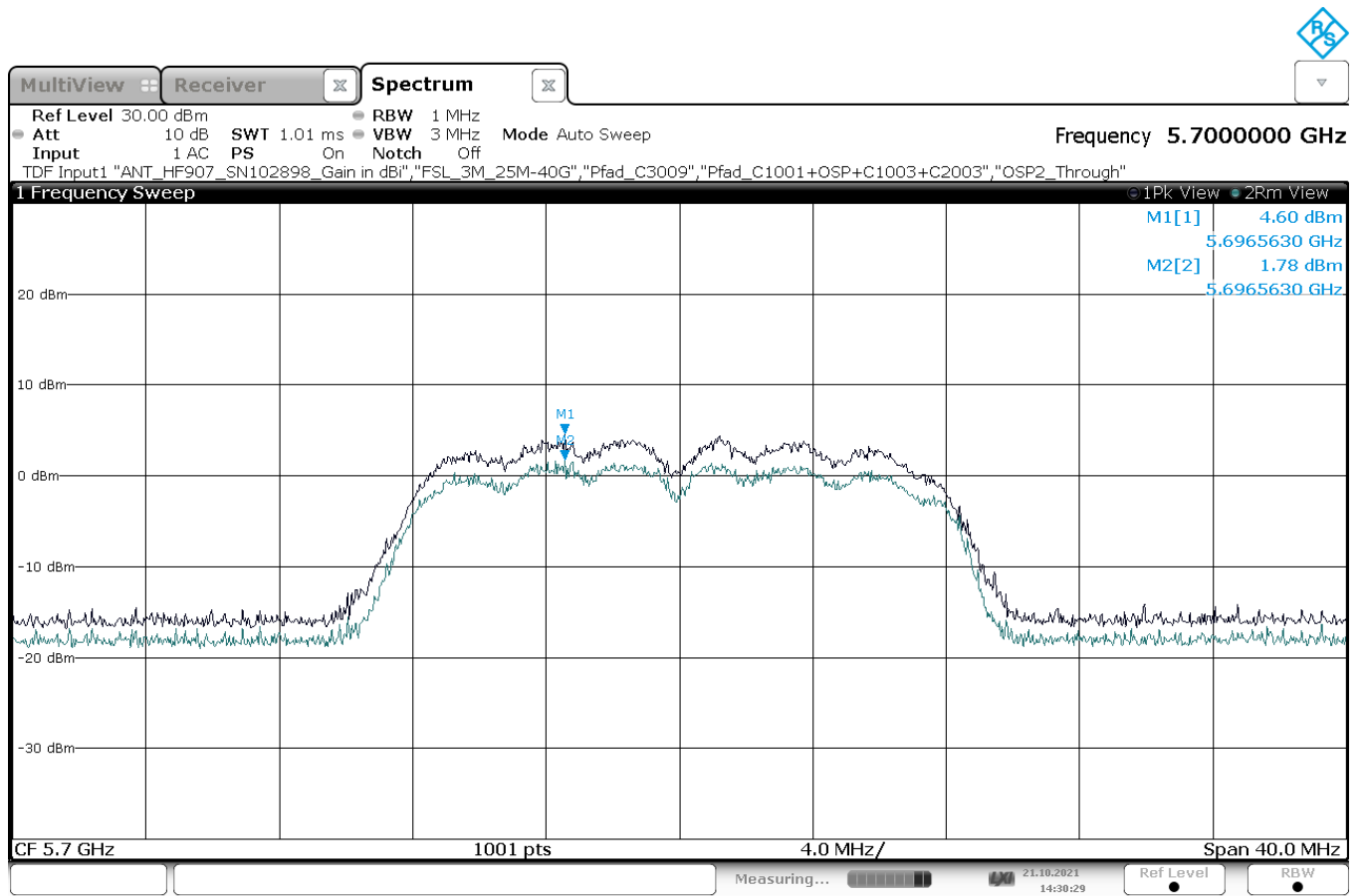
Plot 58: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 100, 5500 MHz



14:25:03 21.10.2021

Annex A of TR no.: 21086129-23010-1

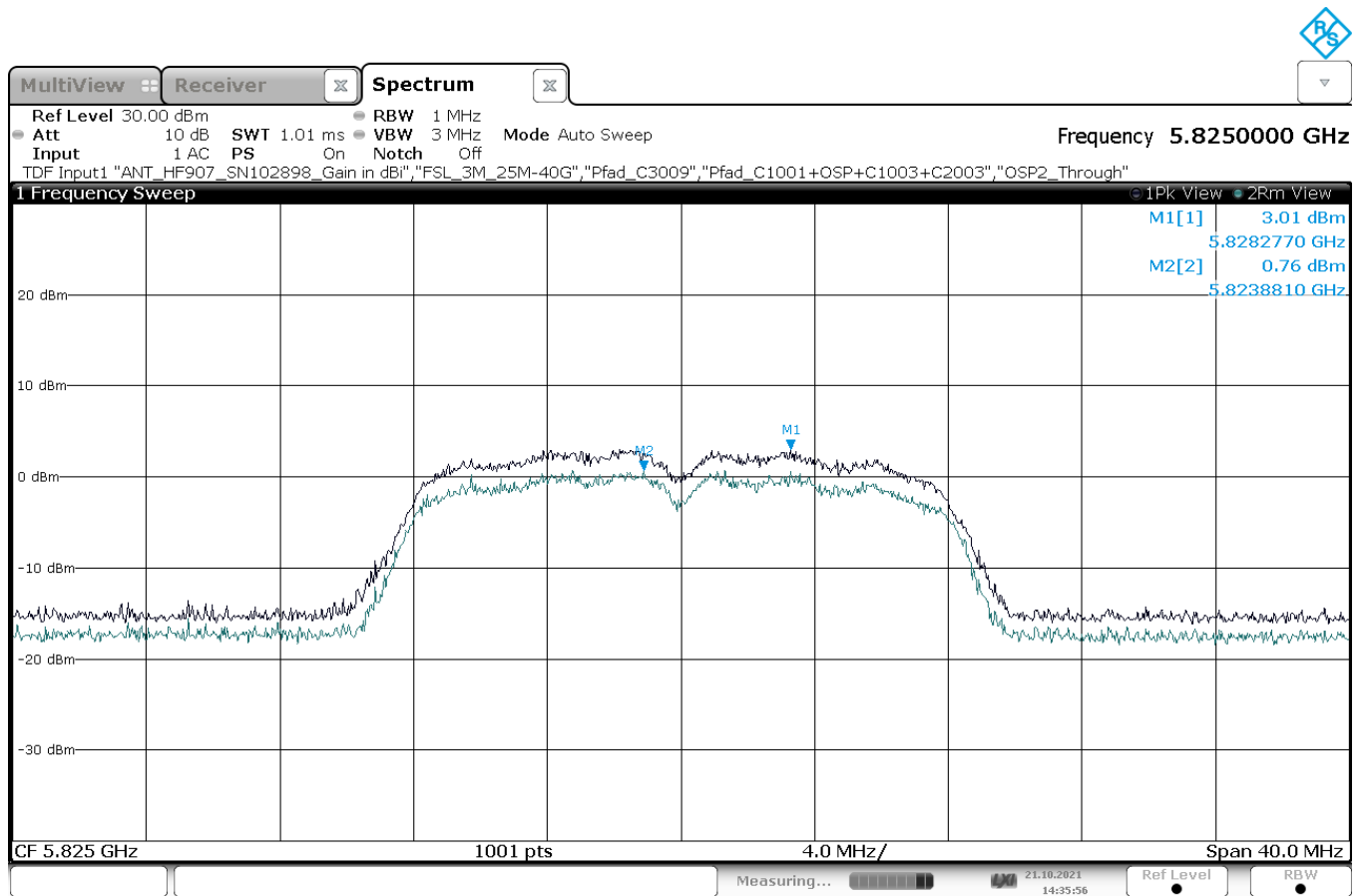
Plot 59: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 140, 5700 MHz



14:30:30 21.10.2021

Annex A of TR no.: 21086129-23010-1

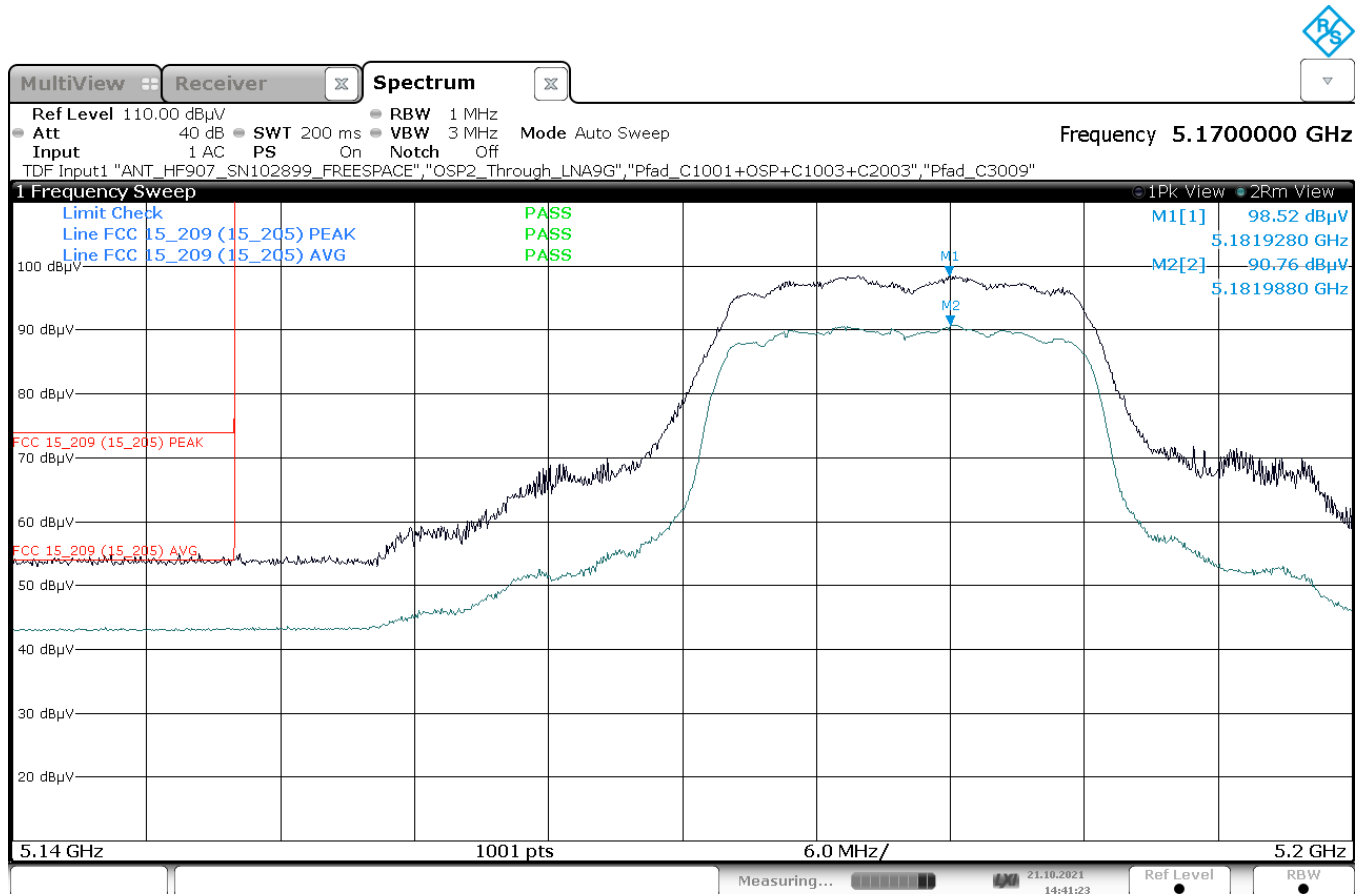
Plot 60: Test Mode 1, a-mode, BPSK, 6 Mbit/s, Peak EIRP, channel 165, 5825 MHz



14:35:57 21.10.2021

**2.3.3 Band Edge Compliance (BEC), radiated**

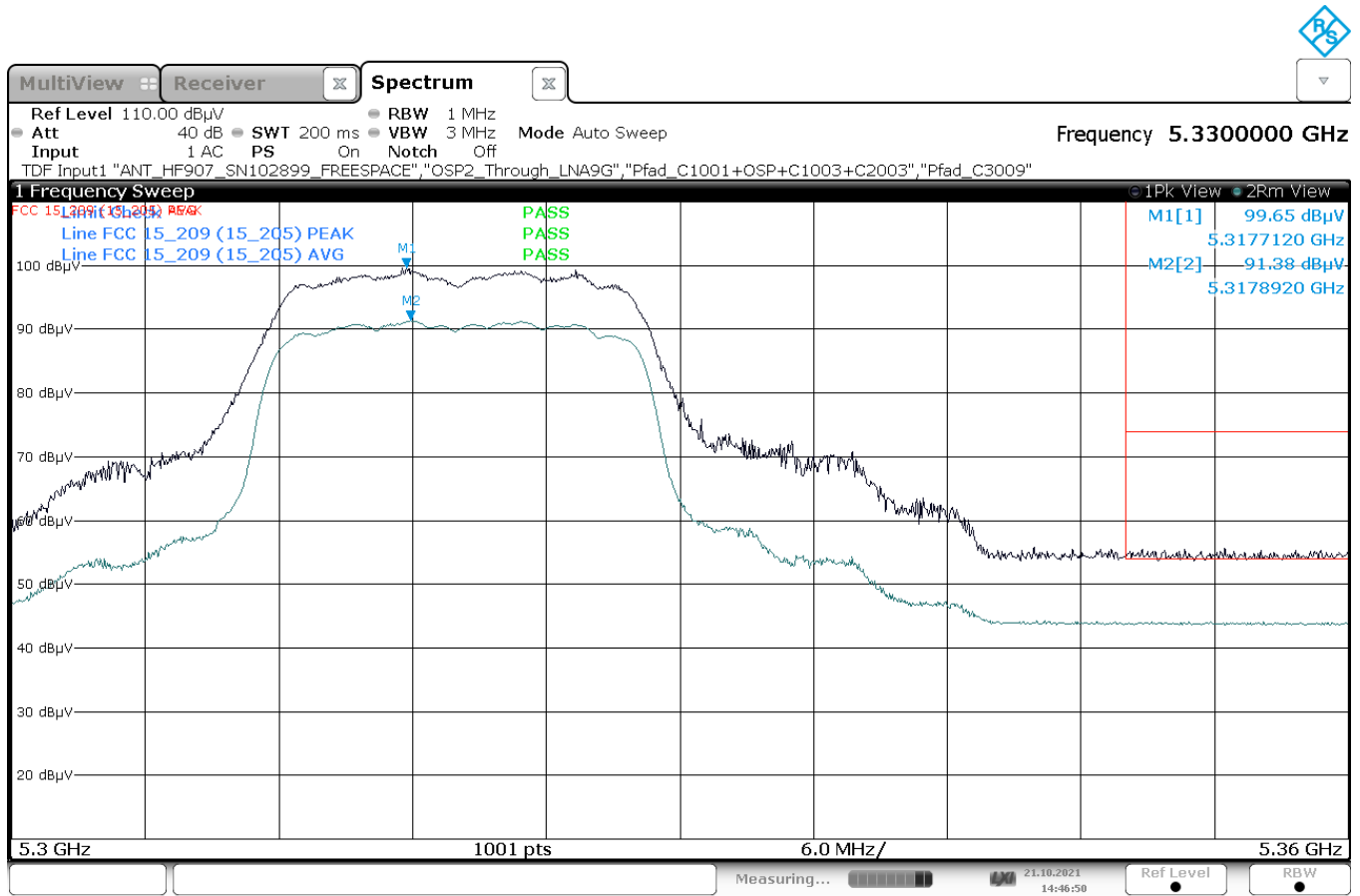
Plot 61: Mode 1, a-mode, BEC low, channel 36, 5180 MHz



14:41:24 21.10.2021

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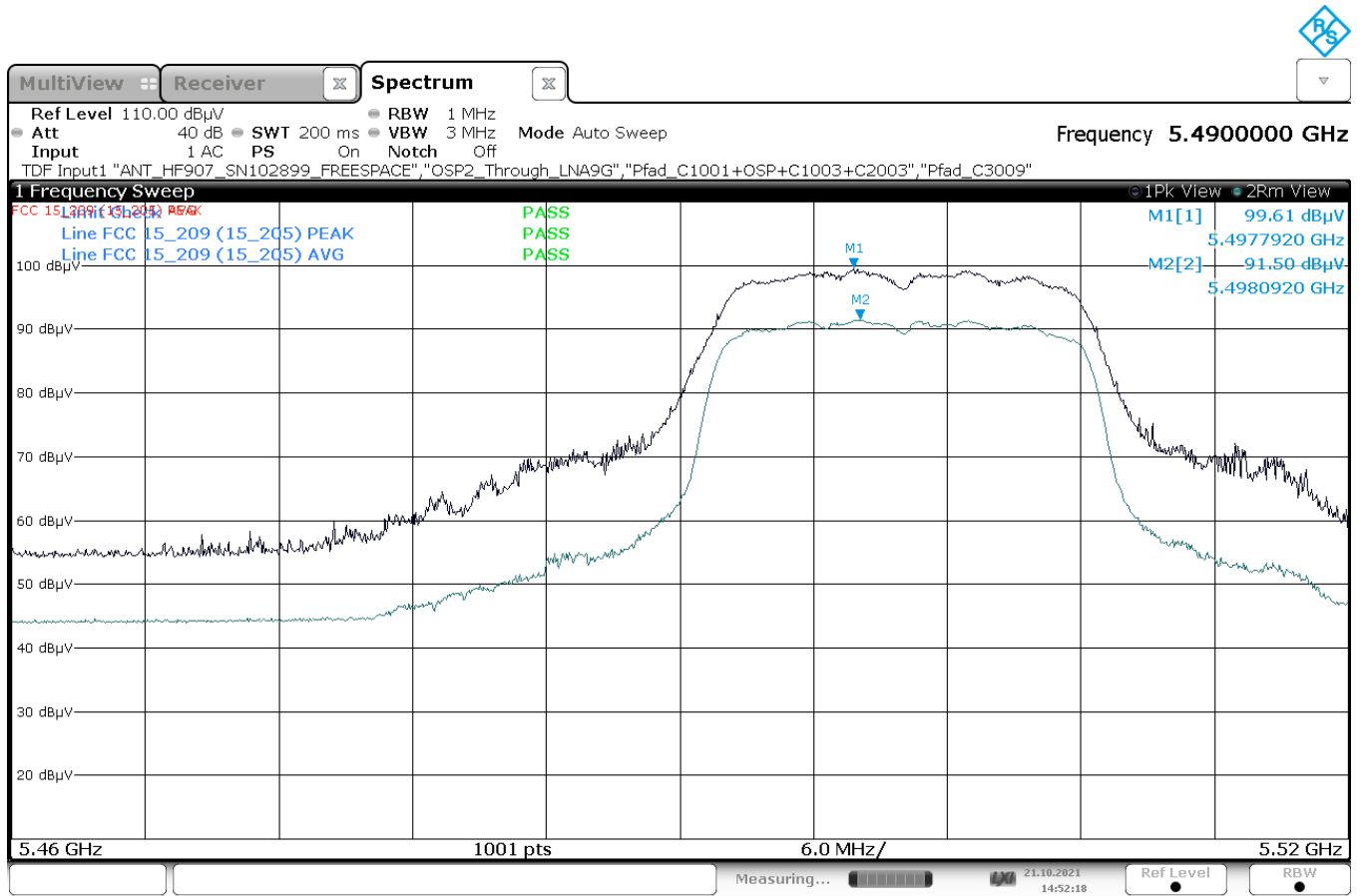
Plot 62: Mode 1, a-mode, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth



14:46:50 21.10.2021

Annex A of TR no.: 21086129-23010-1

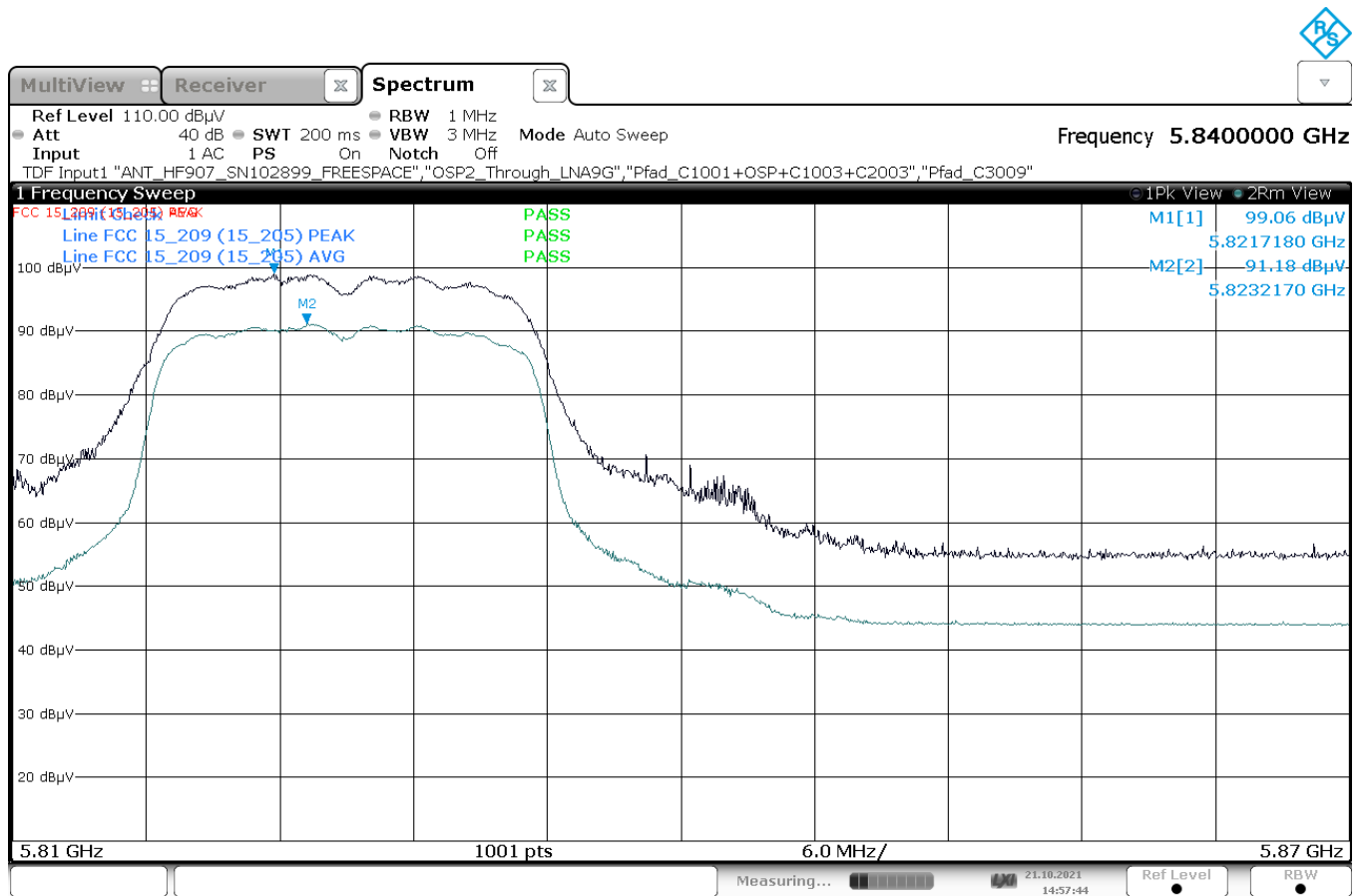
Plot 63: Mode 1, a-mode, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth



14:52:18 21.10.2021

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Plot 64: Mode 1, a-mode, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth

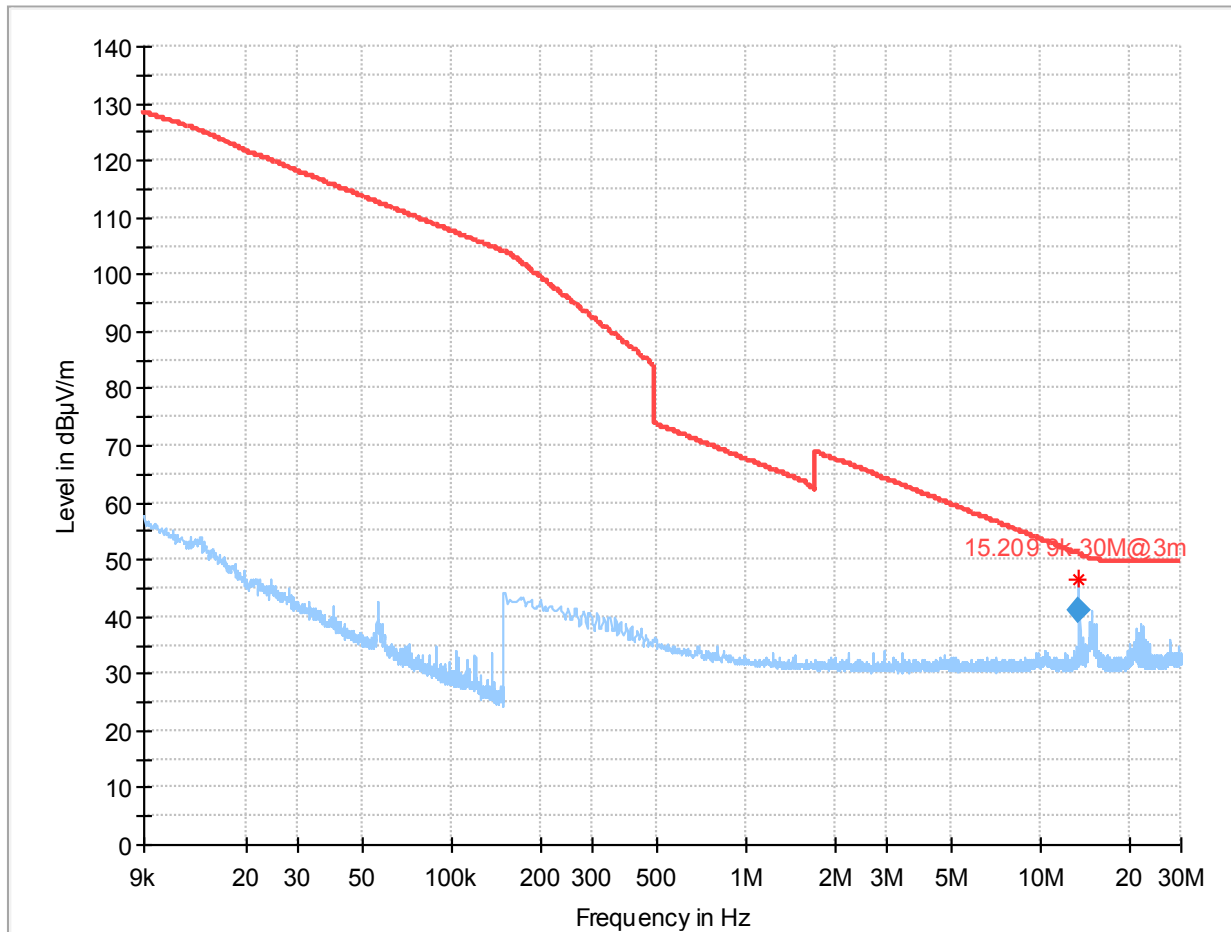


14:57:44 21.10.2021



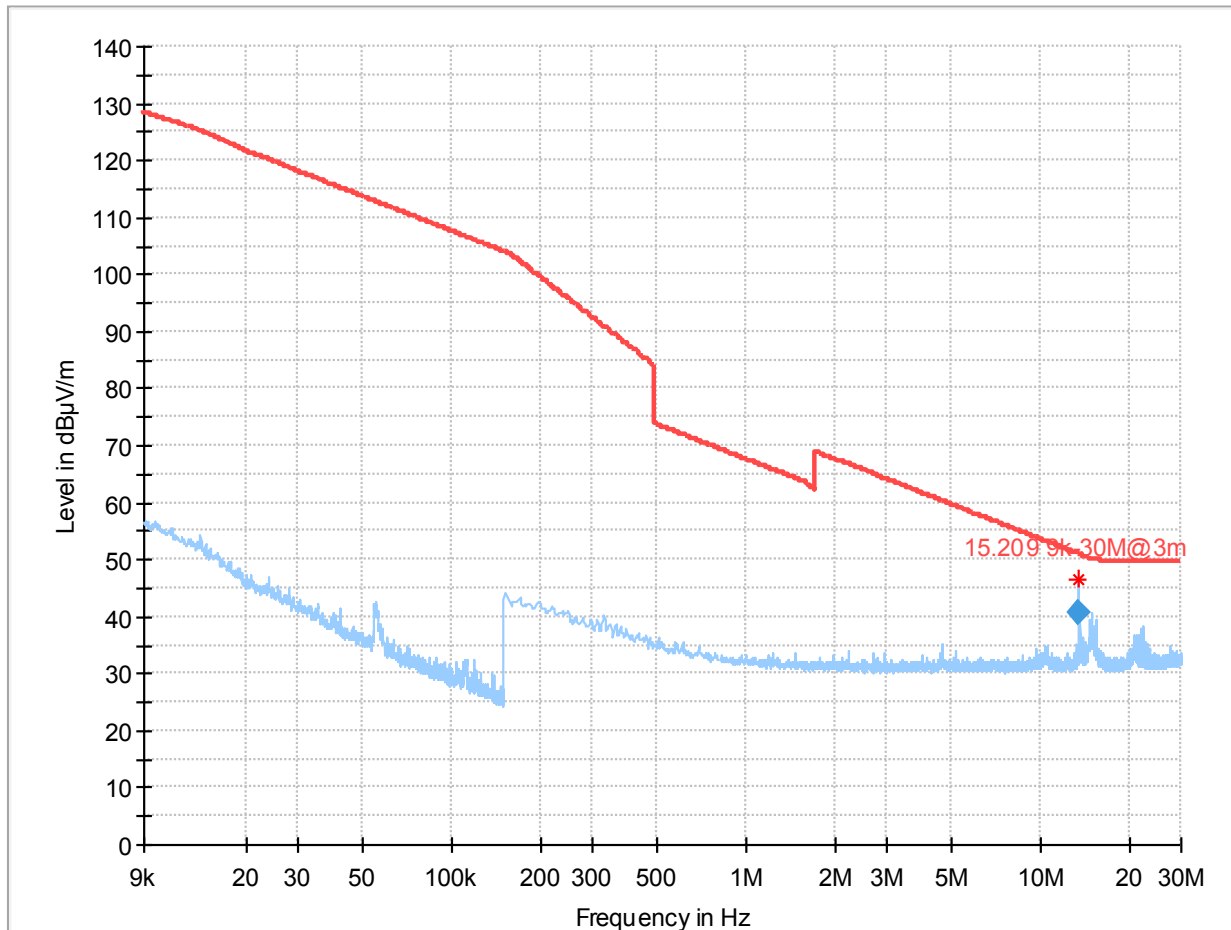
**2.3.4 Radiated Spurious Emissions (RSE)**

Plot 65: Mode 1, RSE 9 kHz – 30 MHz, channel 36, loop antenna



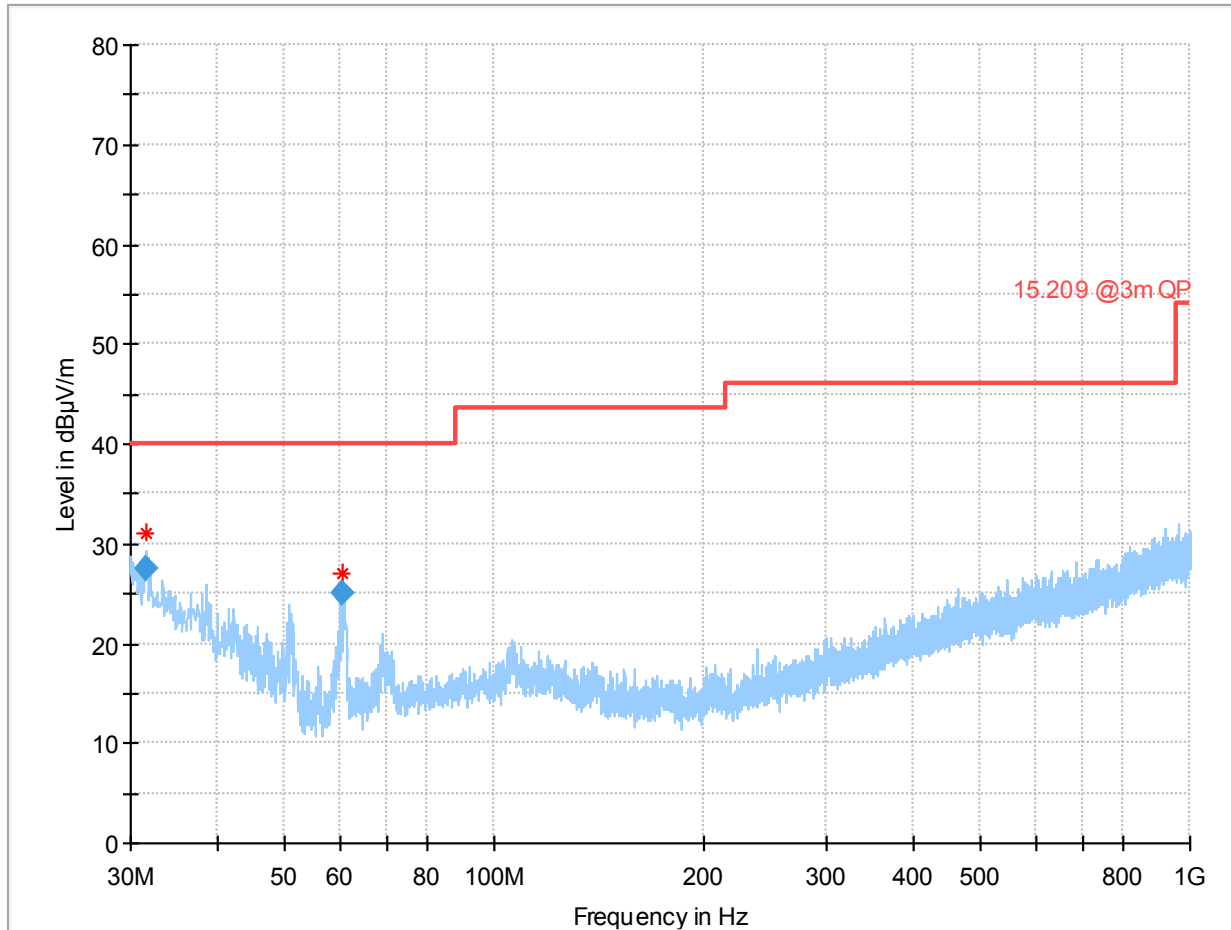
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	40.96	50.94	9.98	100.0	9.000	V	300.0	20.5

Plot 66: Mode 1, RSE 9 kHz – 30 MHz, channel 165, loop antenna



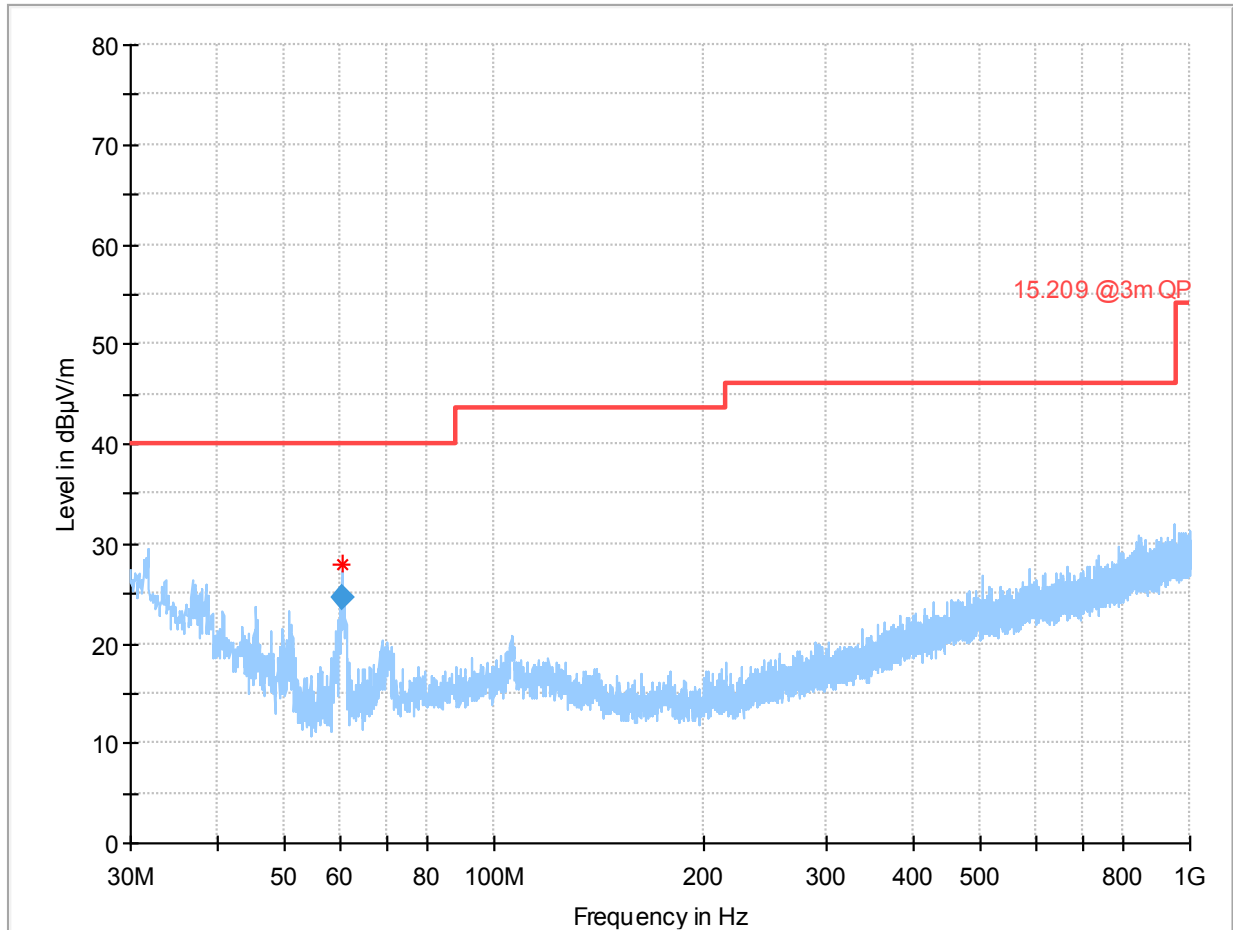
Frequency	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	40.69	50.94	10.25	100.0	9.000	H	172.0	20.5

Plot 67: 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)
31.602000	27.54	40.00	12.46	100.0	120.000	350.0	H	14.0
60.677000	25.00	40.00	15.00	100.0	120.000	121.0	V	136.0

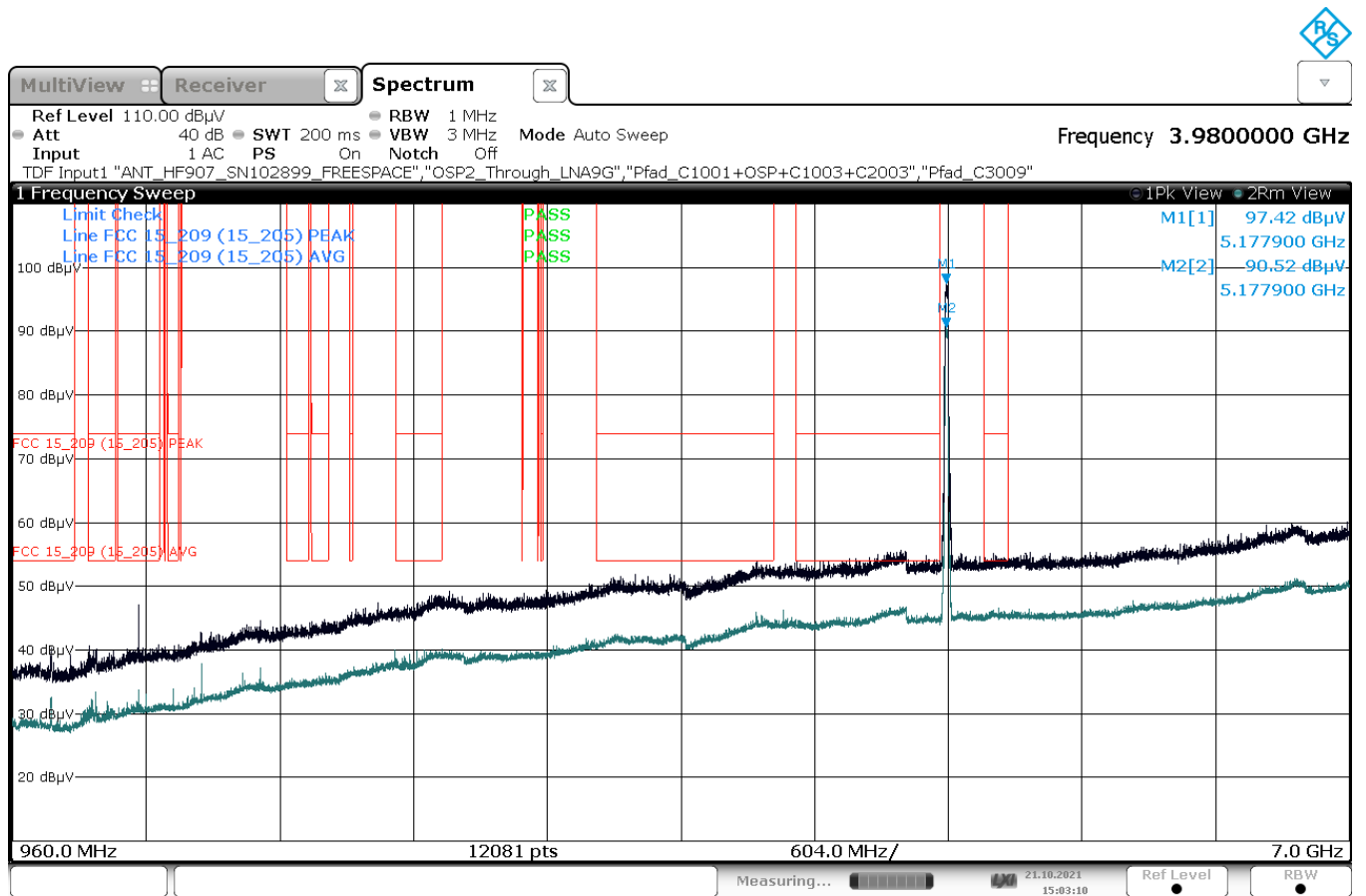
Plot 68: Mode 1, RSE 30 MHz – 1 GHz, channel 165, horizontal / vertical polarisation



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
60.684500	24.52	40.00	15.48	100.0	120.000	100.0	V	305.0

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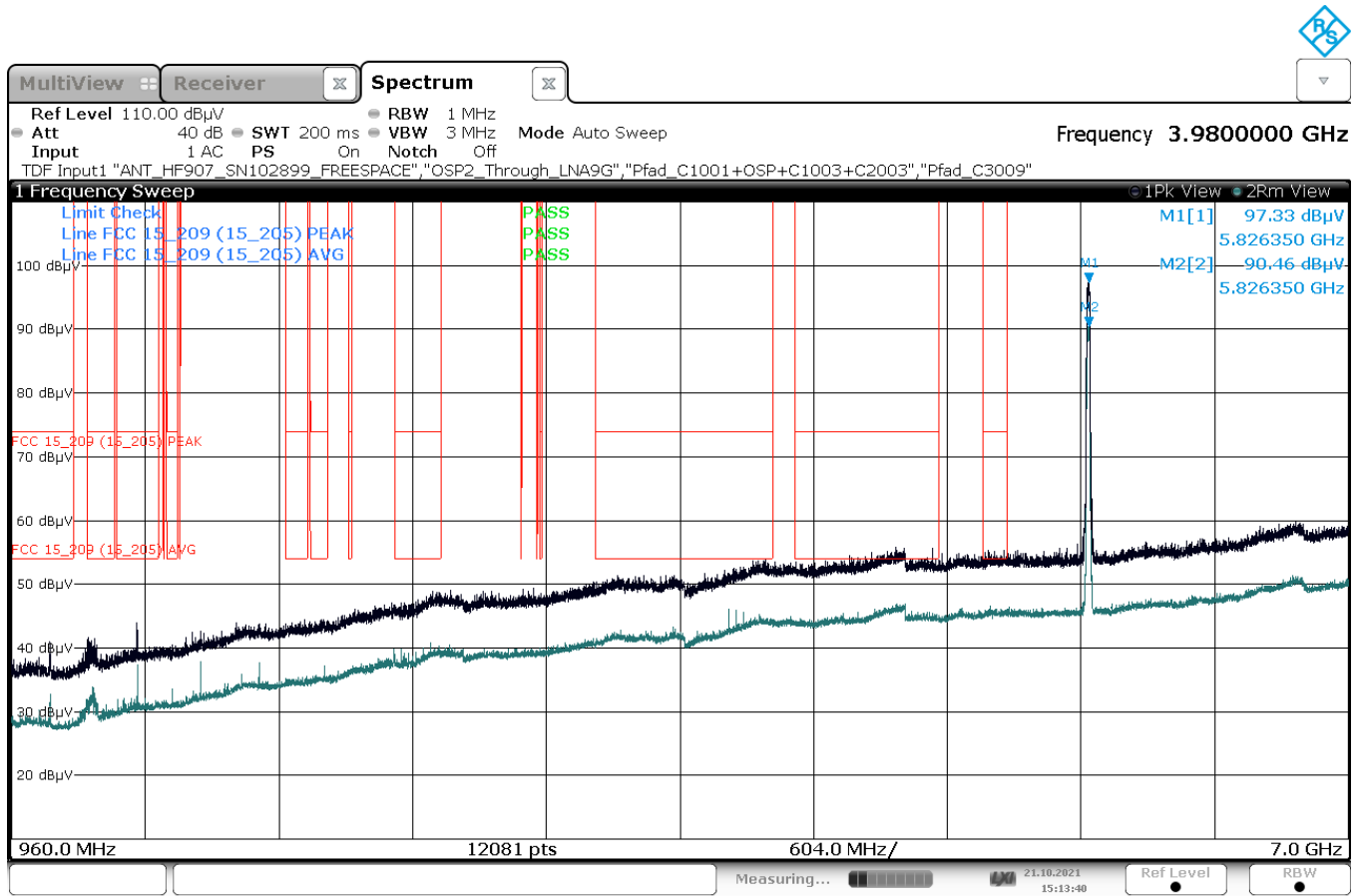
Plot 69: Mode 1, RSE 1 GHz – 7 GHz, channel 36, horizontal / vertical polarisation



15:03:10 21.10.2021

Annex A of TR no.: 21086129-23010-1

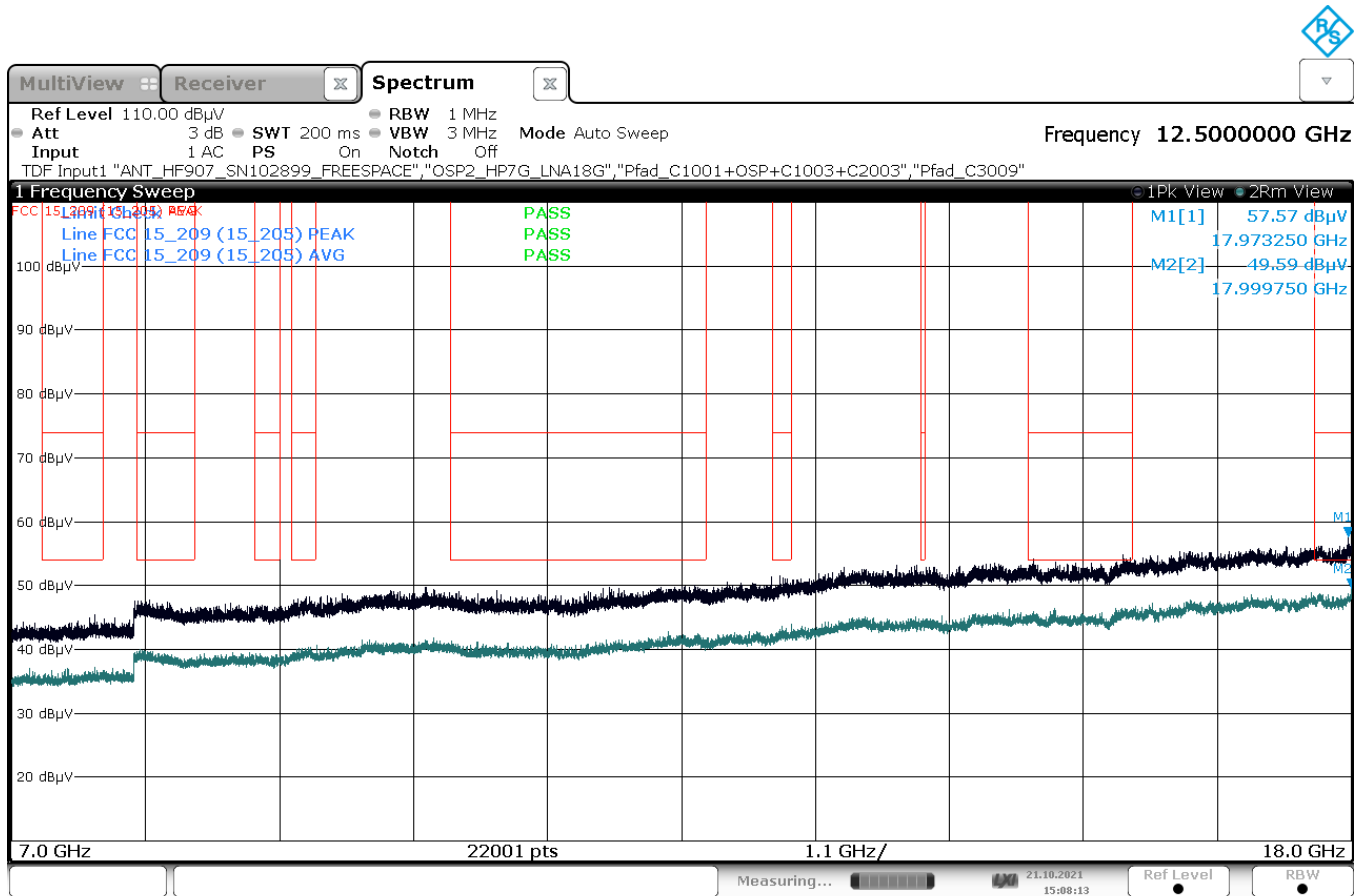
Plot 70: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation



15:13:40 21.10.2021

Annex A of TR no.: 21086129-23010-1

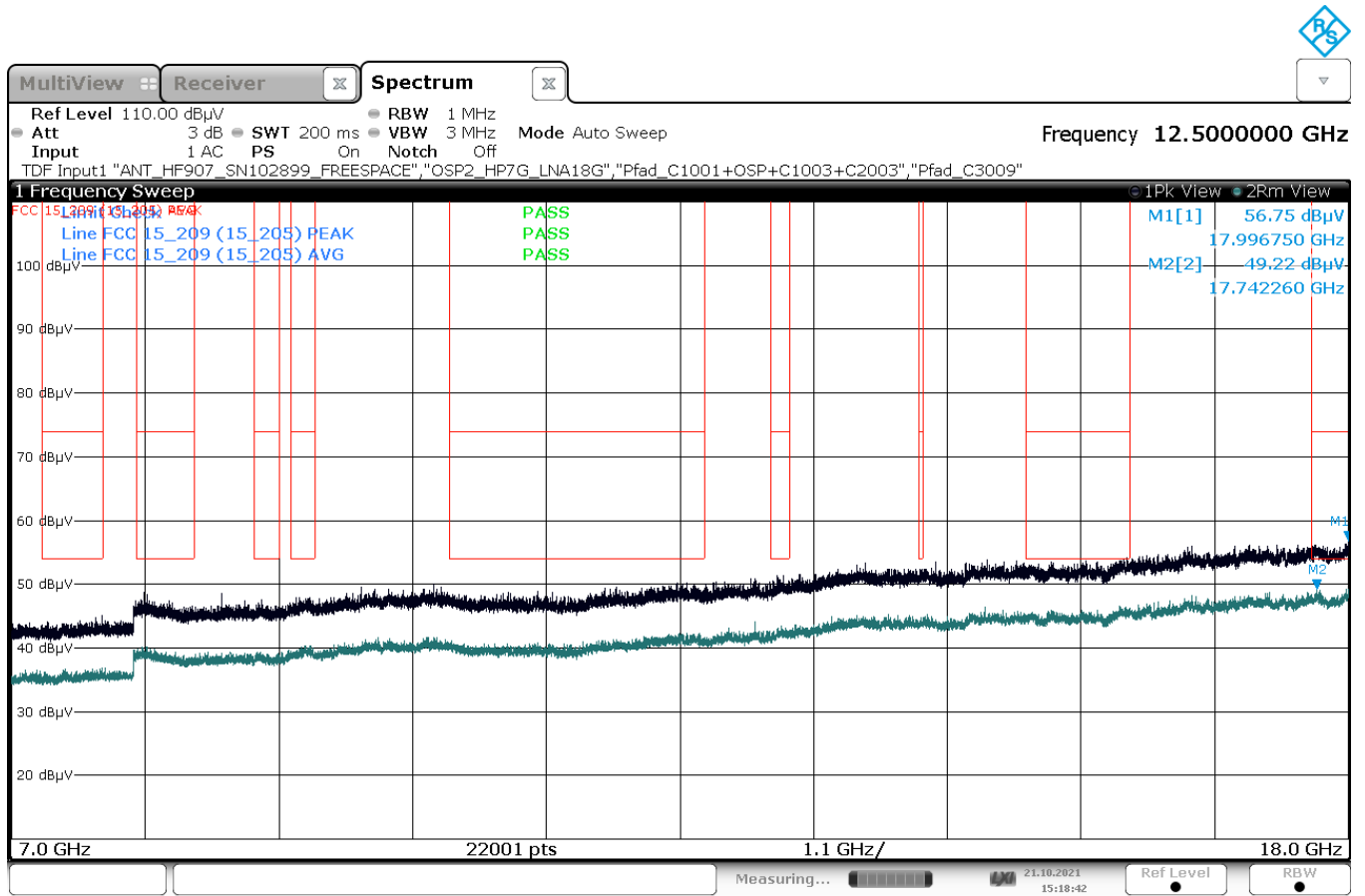
Plot 71: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation



15:08:13 21.10.2021

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Plot 72: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



15:18:43 21.10.2021



## 2.4 Variant ID #43

### DUT Information

DUT Name:	prePV 43
Manufacturer:	Mitsubishi Electric Corporation
Serial Number:	66704 (radiated)

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

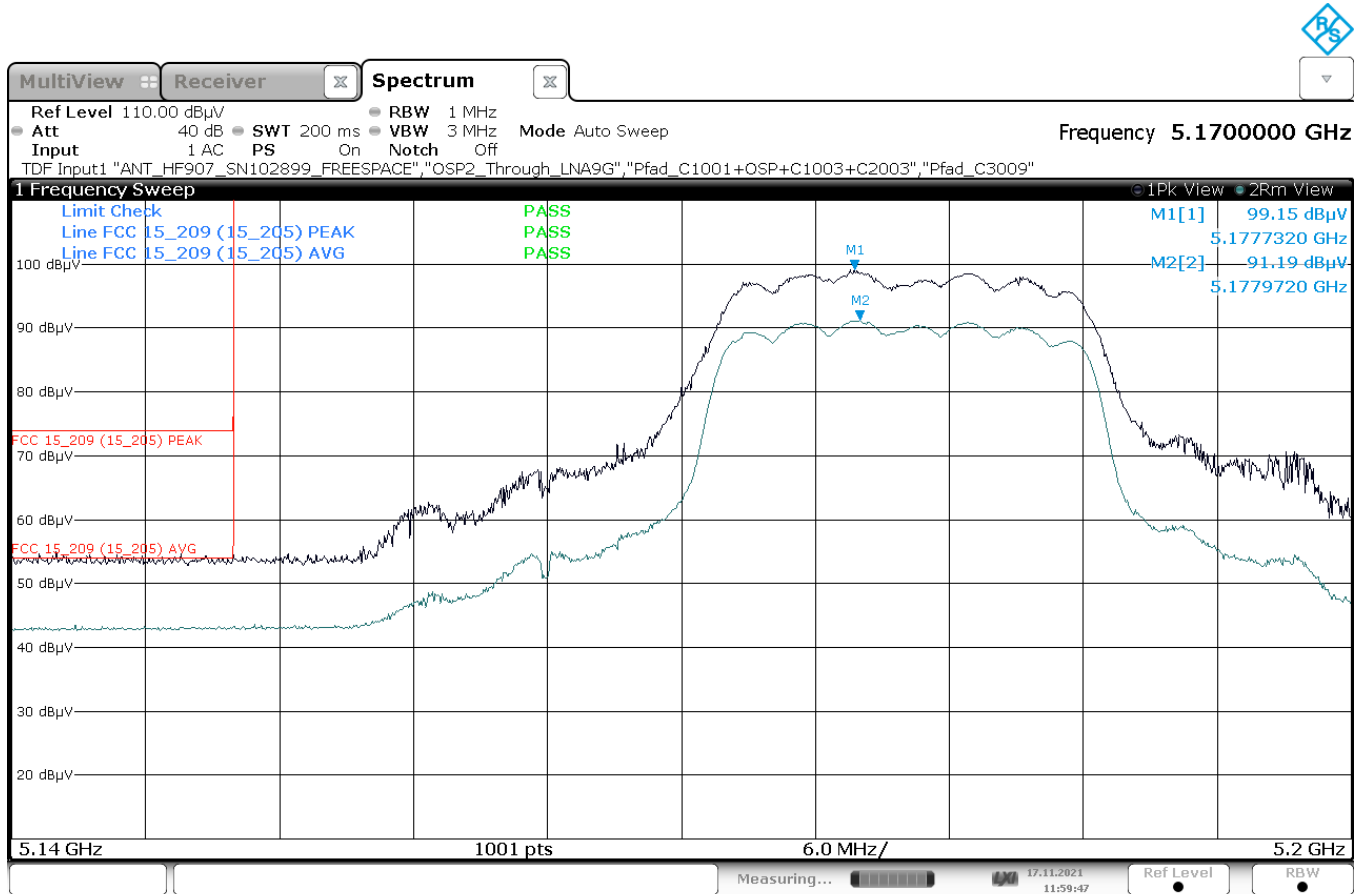
See test results of R1LOW-R-SBM DV model (see IBL-Lab test report TR-21065785-21222)

#### 2.4.2 Radiated Peak Power (Peak EIRP)

See test results of R1LOW-R-SBM DV model (see IBL-Lab test report TR-21065785-21222)

**2.4.3 Band Edge Compliance (BEC), radiated**

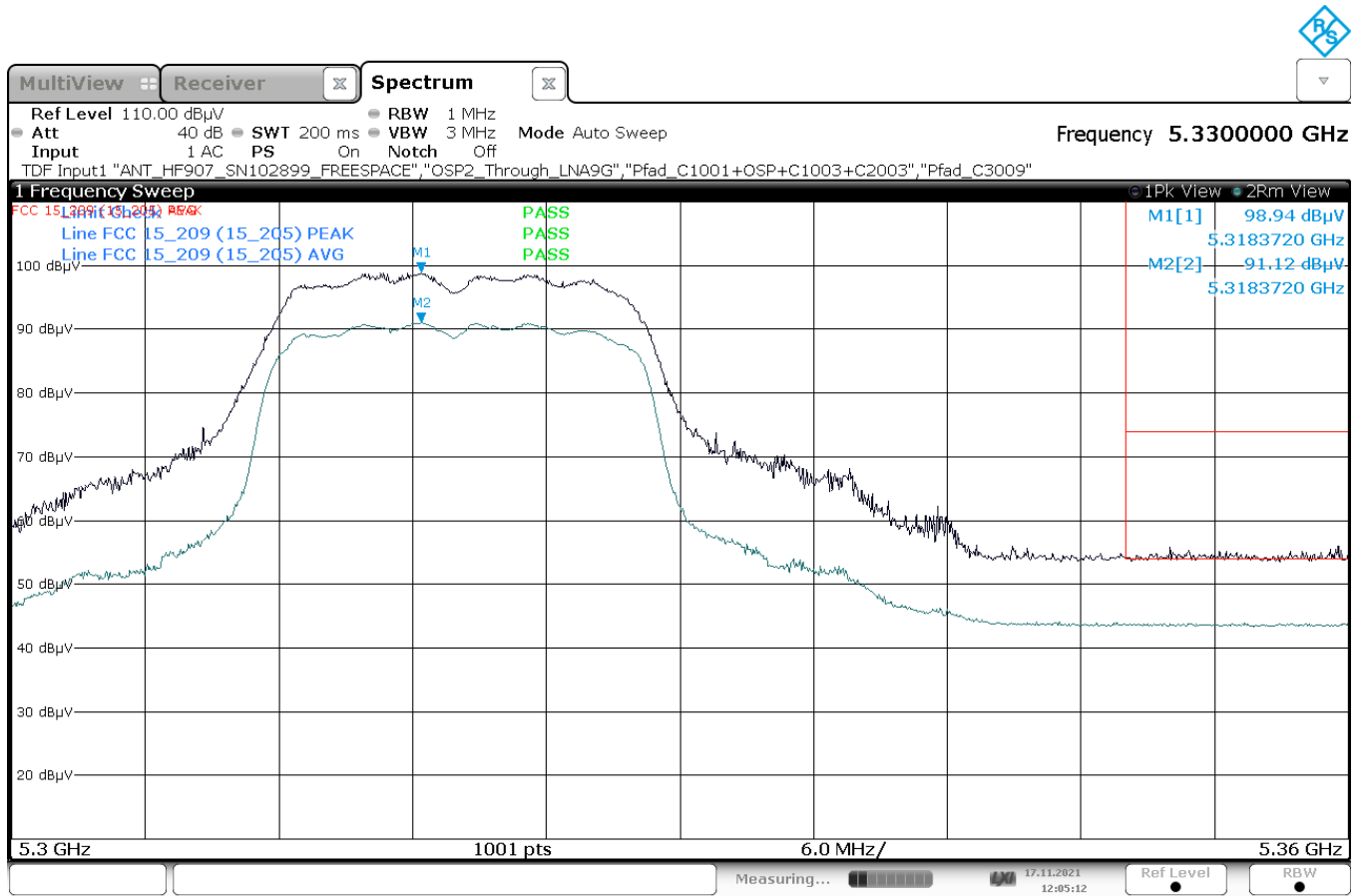
Plot 73: Mode 1, a-mode, BEC low, channel 36, 5180 MHz



11:59:47 17.11.2021

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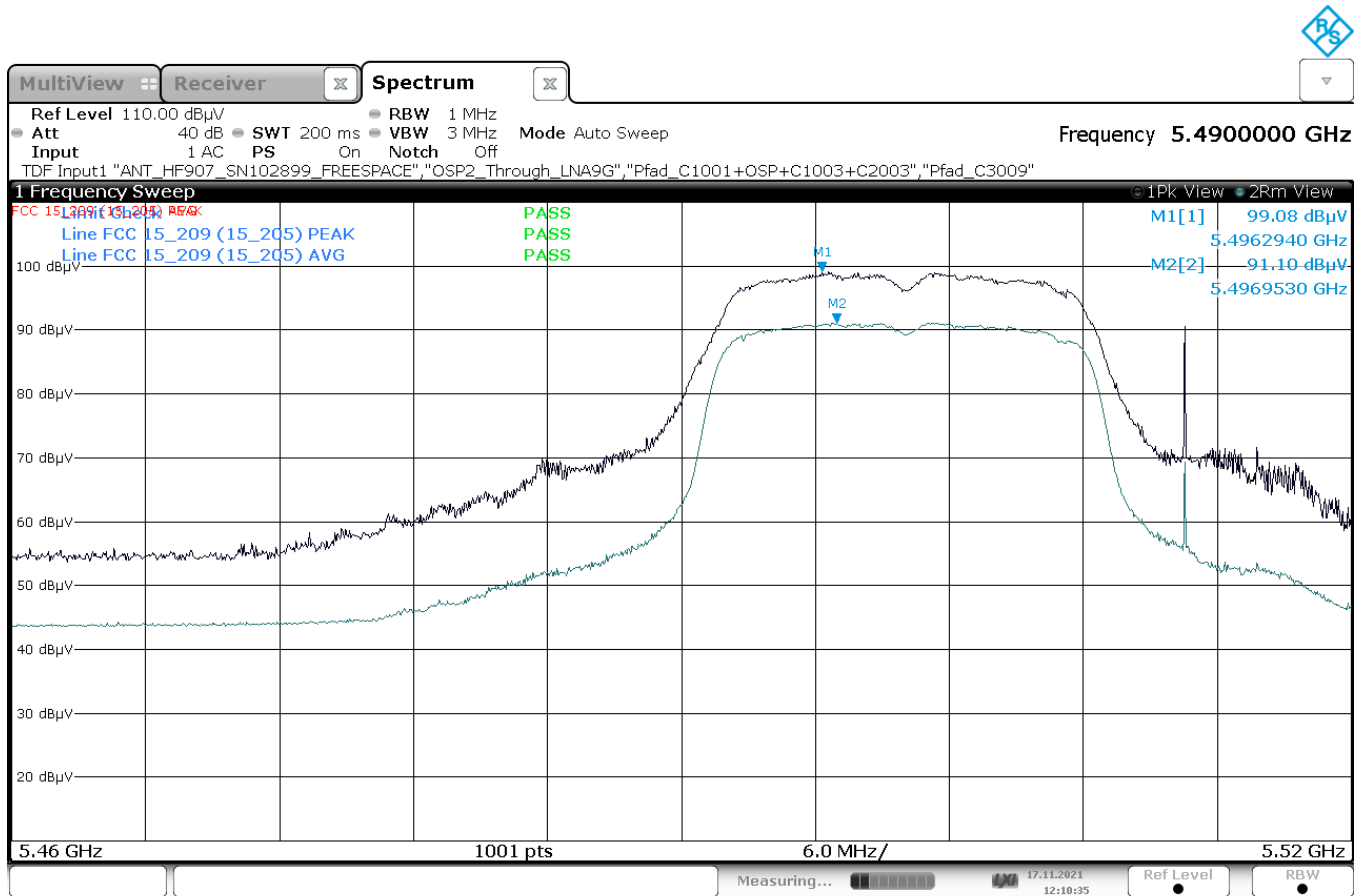
Plot 74: Mode 1, a-mode, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth



12:05:12 17.11.2021

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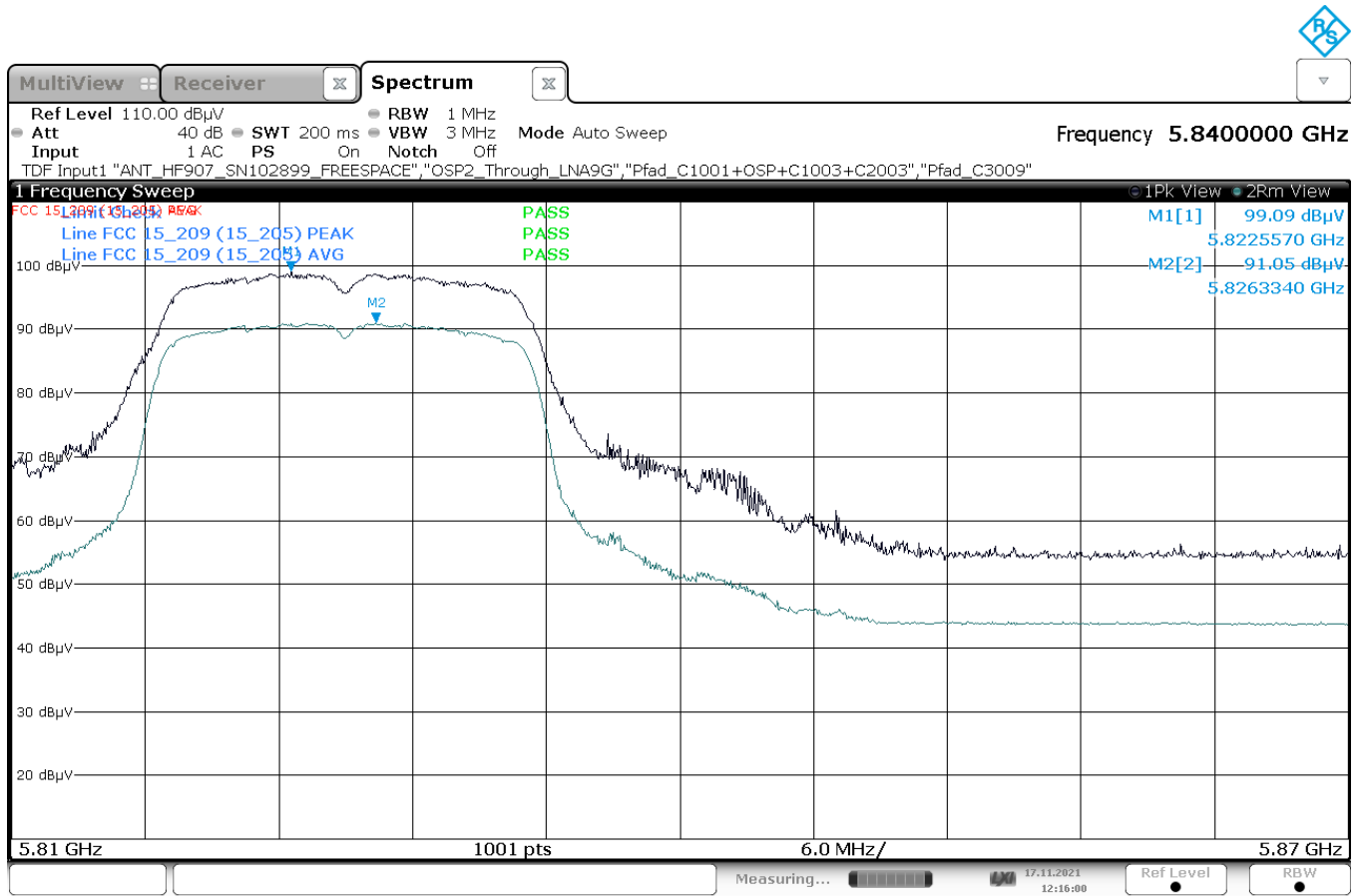
Plot 75: Mode 1, a-mode, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth



12:10:35 17.11.2021

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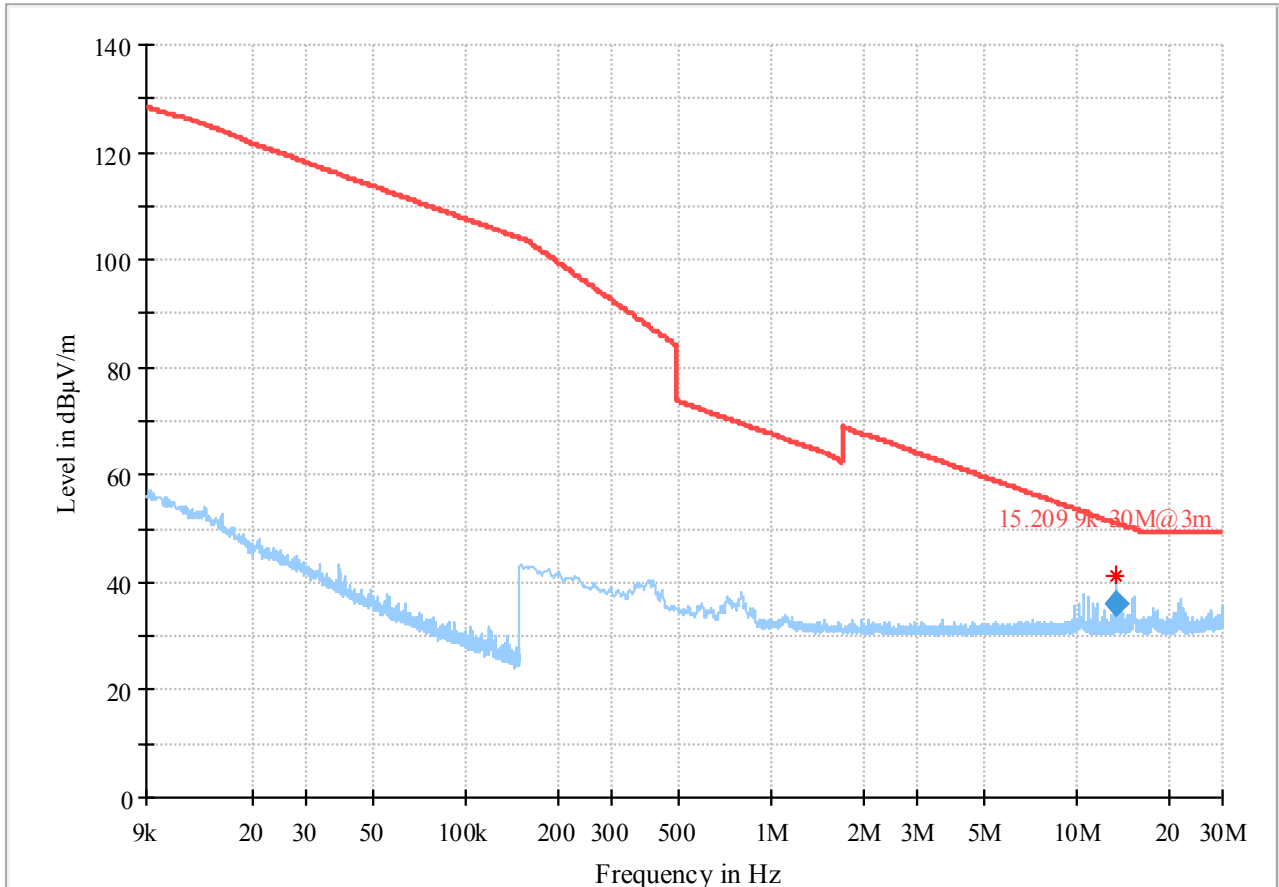
Plot 76: Mode 1, a-mode, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth



12:16:00 17.11.2021

**2.4.4 Radiated Spurious Emissions (RSE)**

Plot 77: Mode 1, RSE 9 kHz – 30 MHz, channel 36, loop antenna



— Preview Result 1-PK+      \* Critical\_Freqs PK+  
— 15.209 9k-30M@3m      ◆ Final\_Result QPK

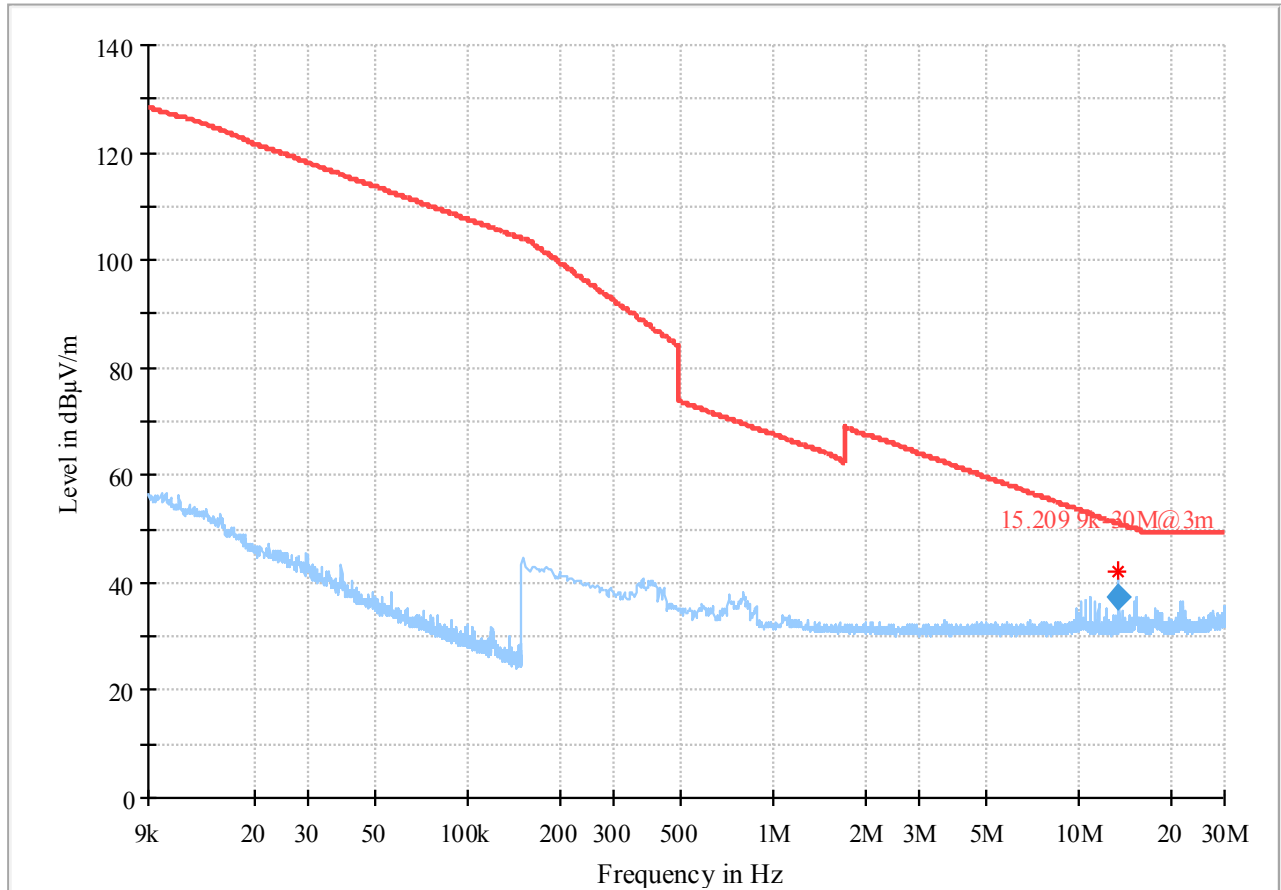
**Final\_Result**

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	35.90	50.94	15.04	100.0	9.000	V	285.0	20.5

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

Frequency (MHz)	Comment
13.560000	15:59:26 - 18.11.2021

Plot 78: Mode 1, RSE 9 kHz – 30 MHz, channel 165, loop antenna



— Preview Result 1-PK+      \* Critical\_Freqs PK+  
— 15.209 9k-30M@3m      ◆ Final\_Result QPK

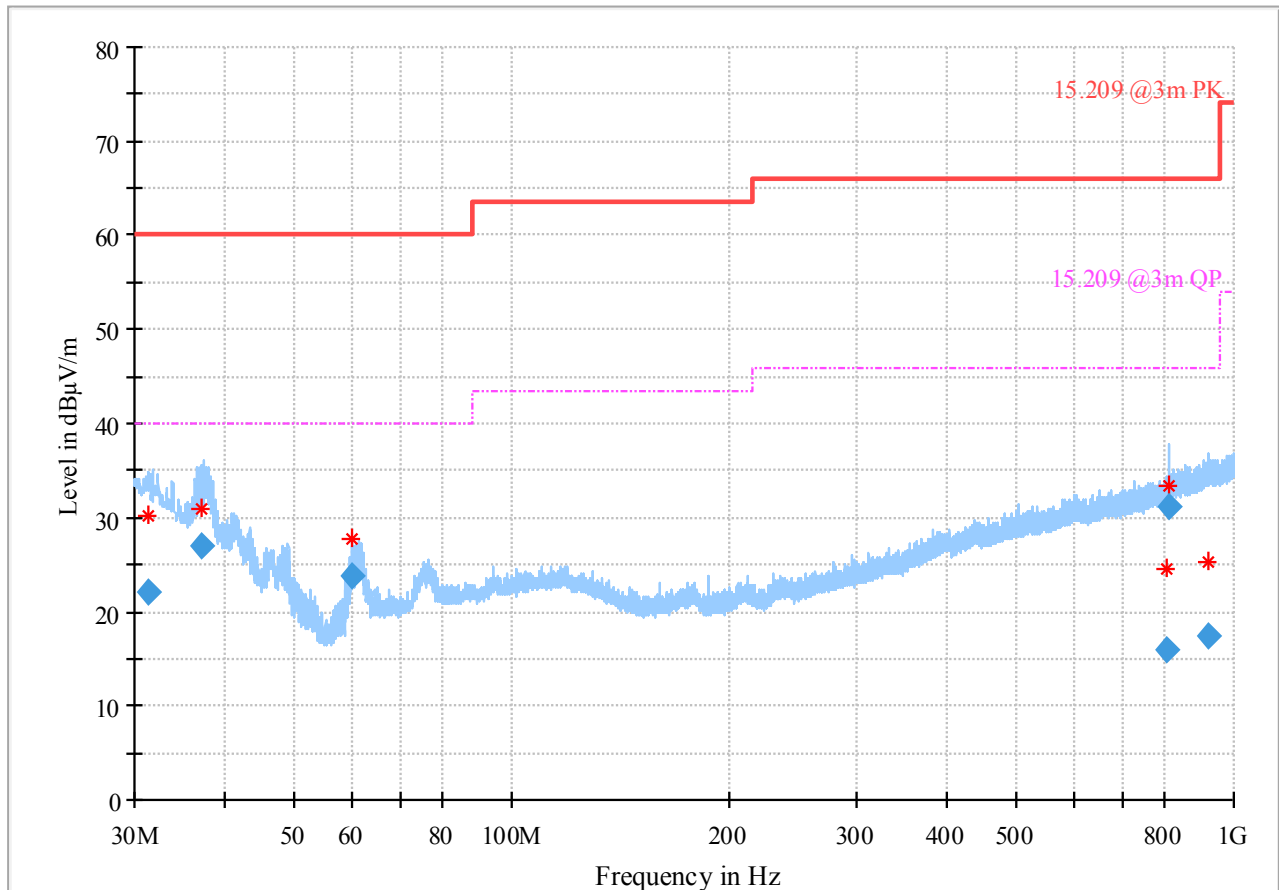
### Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	37.54	50.94	13.40	100.0	9.000	V	30.0	20.5

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

Frequency (MHz)	Comment
13.560000	16:10:25 - 18.11.2021

Plot 79: Mode 1, RSE 30 MHz – 1 GHz, channel 36, horizontal / vertical polarisation



— Preview Result 1-PK+      \* Critical\_Freqs PK+      — 15.209 @3m PK  
- - - 15.209 @3m QP      ◆ Final\_Result QPK

### Final\_Result

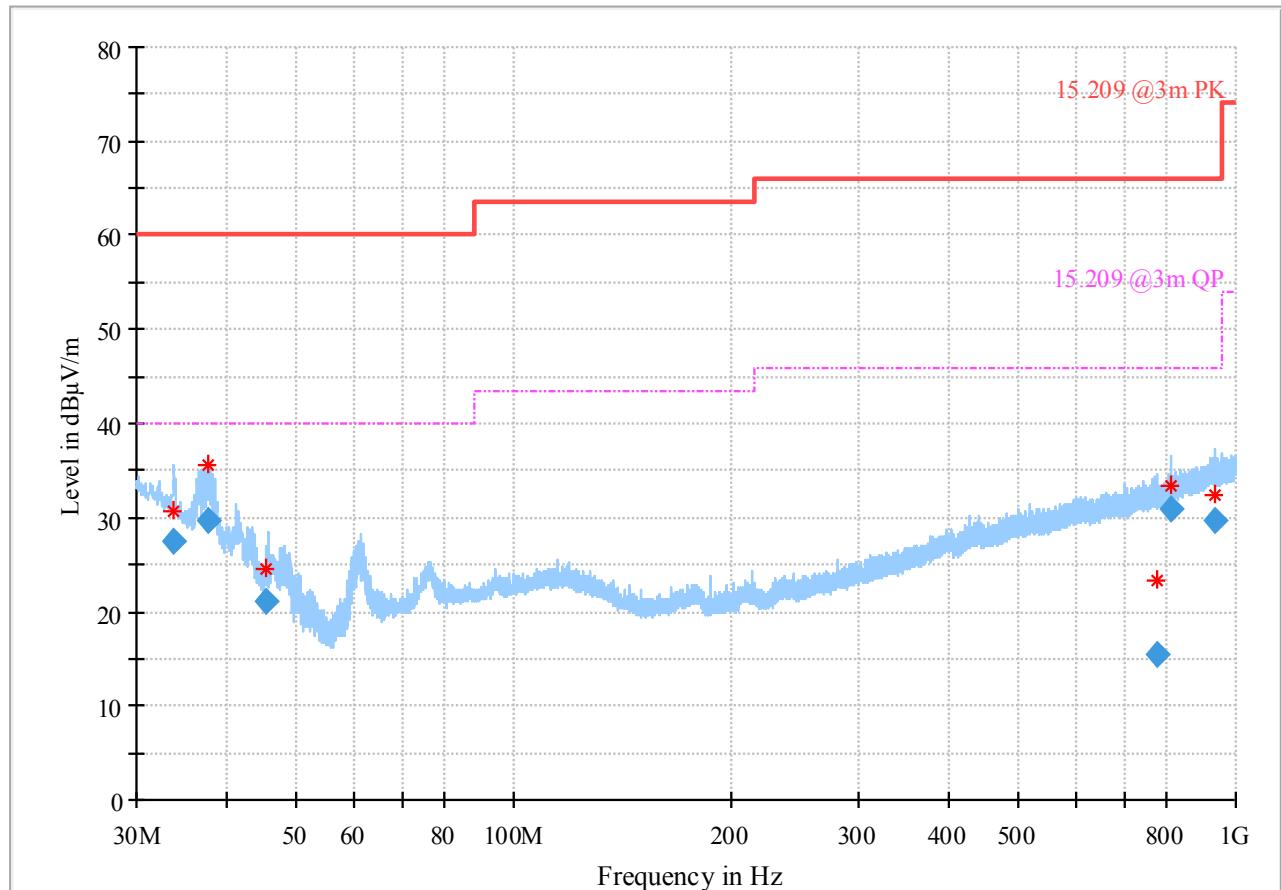
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.350000	22.13	60.00	37.87	100.0	120.000	125.0	V	201.0
37.275000	26.98	60.00	33.02	100.0	120.000	100.0	V	215.0
60.175000	23.82	60.00	36.18	100.0	120.000	177.0	V	300.0
805.425000	15.92	66.00	50.08	100.0	120.000	113.0	V	325.0
812.500000	31.20	66.00	34.80	100.0	120.000	100.0	V	184.0
923.850000	17.47	66.00	48.53	100.0	120.000	237.0	H	75.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
31.350000	19.7	13:39:03 - 18.11.2021
37.275000	16.4	13:43:08 - 18.11.2021
60.175000	7.0	13:45:03 - 18.11.2021
805.425000	22.1	13:47:11 - 18.11.2021
812.500000	22.3	13:41:07 - 18.11.2021
923.850000	23.4	13:36:41 - 18.11.2021



Plot 80: Mode 1, RSE 30 MHz – 1 GHz, channel 165, horizontal / vertical polarisation



— Preview Result 1-PK+      \* Critical\_Freqs PK+      — 15.209 @3m PK  
- - - 15.209 @3m QP      ◆ Final\_Result QPK

### Final\_Result

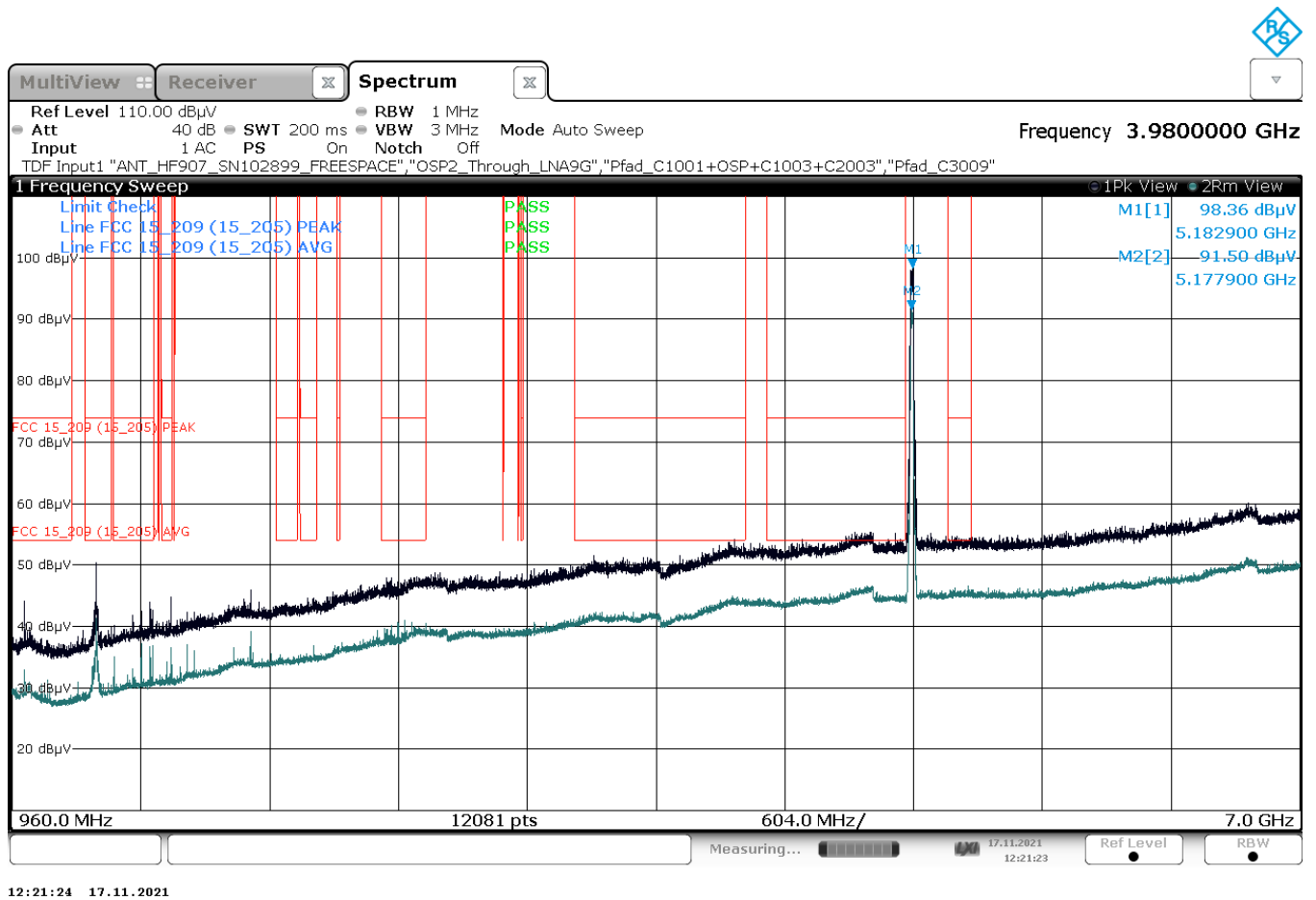
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
33.850000	27.54	60.00	32.46	100.0	120.000	100.0	V	11.0
37.775000	29.67	60.00	30.33	100.0	120.000	115.0	V	224.0
45.500000	21.19	60.00	38.81	100.0	120.000	100.0	V	248.0
775.600000	15.37	66.00	50.63	100.0	120.000	148.0	V	340.0
812.500000	30.87	66.00	35.13	100.0	120.000	100.0	V	186.0
937.500000	29.58	66.00	36.42	100.0	120.000	100.0	V	166.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
33.850000	18.4	14:03:52 - 18.11.2021
37.775000	16.2	14:10:04 - 18.11.2021
45.500000	11.1	14:12:04 - 18.11.2021
775.600000	21.7	14:14:04 - 18.11.2021
812.500000	22.3	14:06:03 - 18.11.2021
937.500000	23.4	14:08:02 - 18.11.2021

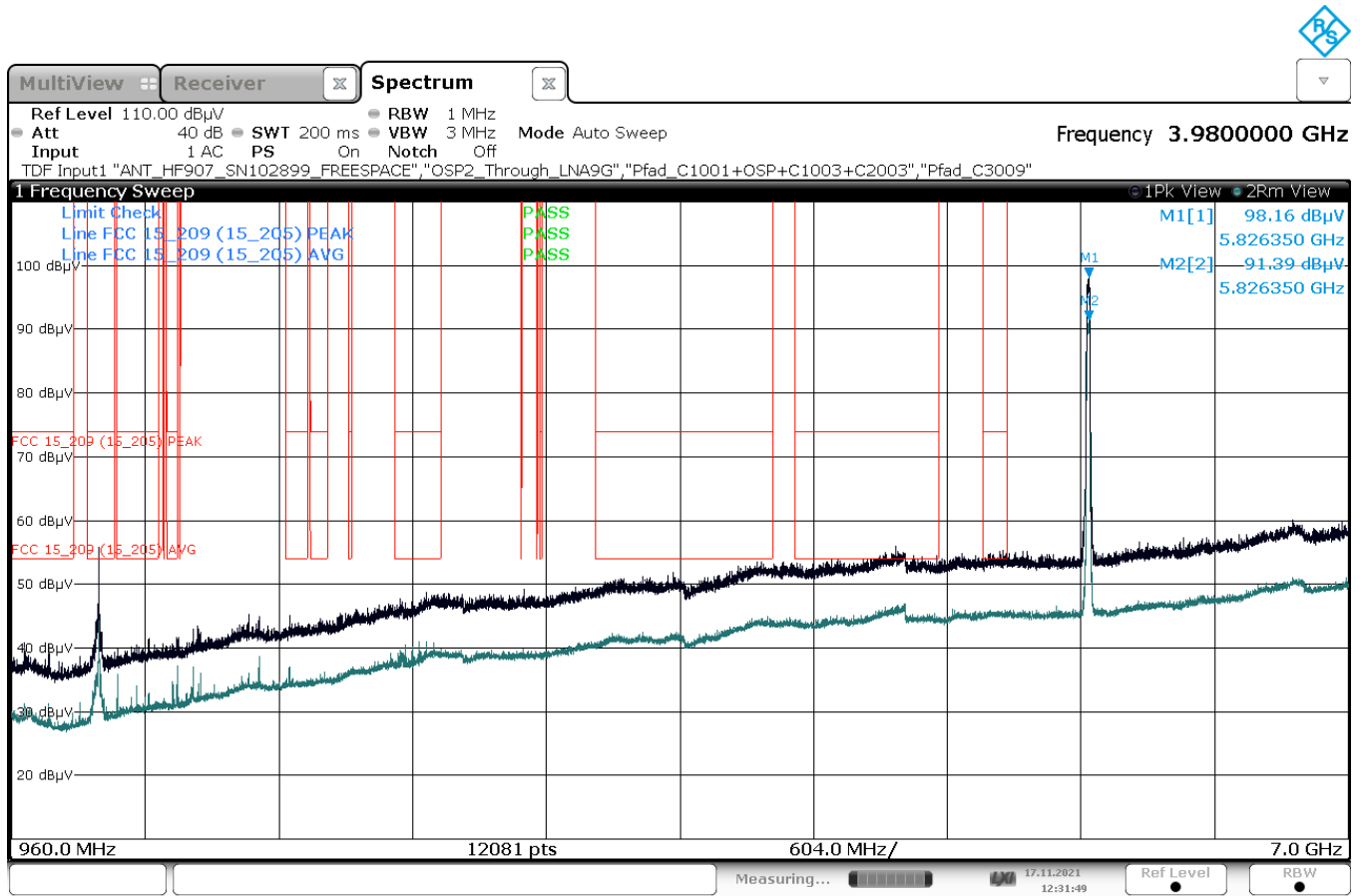
Annex A of TR no.: 21086129-23010-1

Plot 81: Mode 1, RSE 1 GHz – 7 GHz, channel 36, horizontal / vertical polarisation



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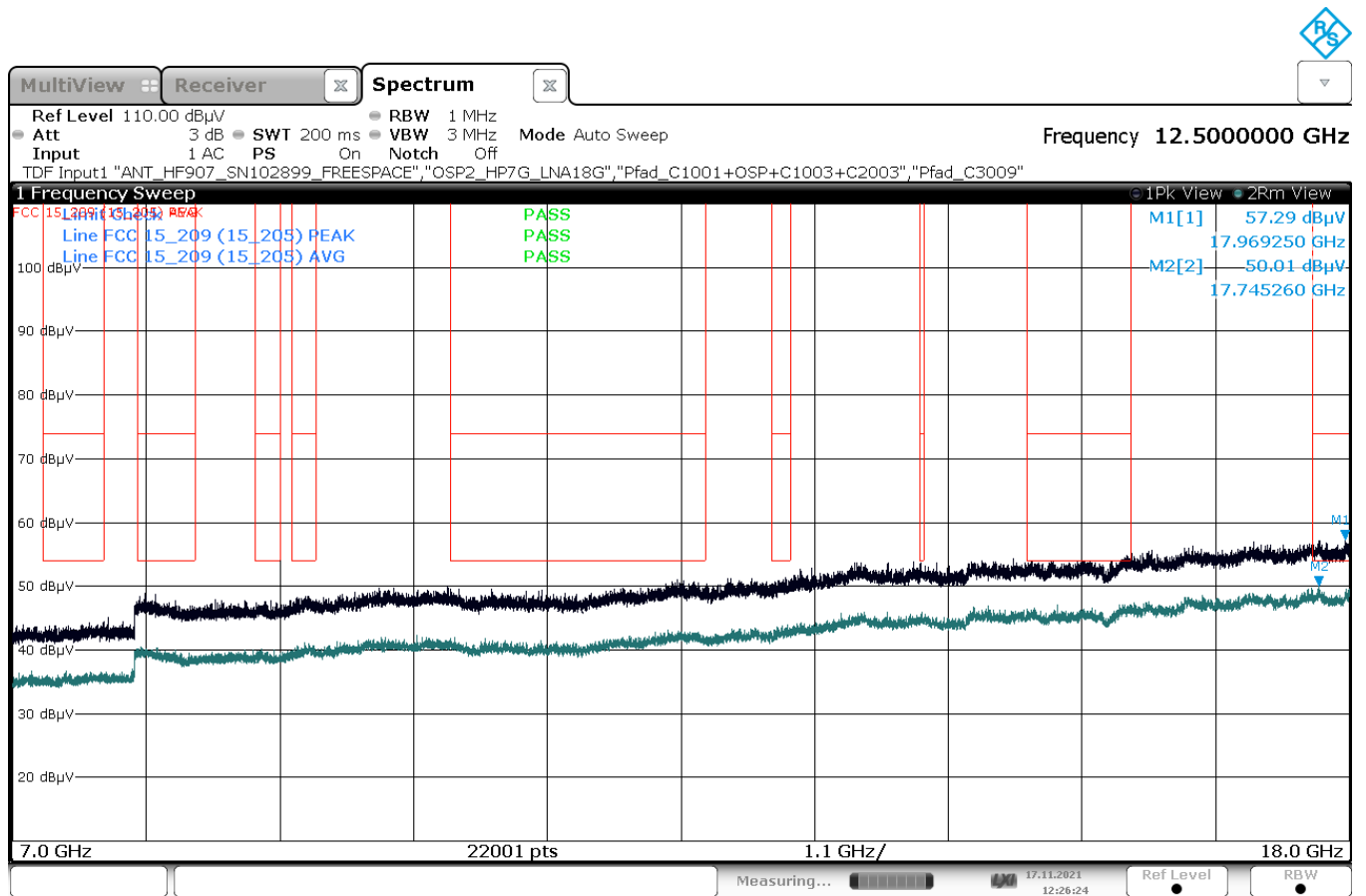
Plot 82: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation



12:31:50 17.11.2021

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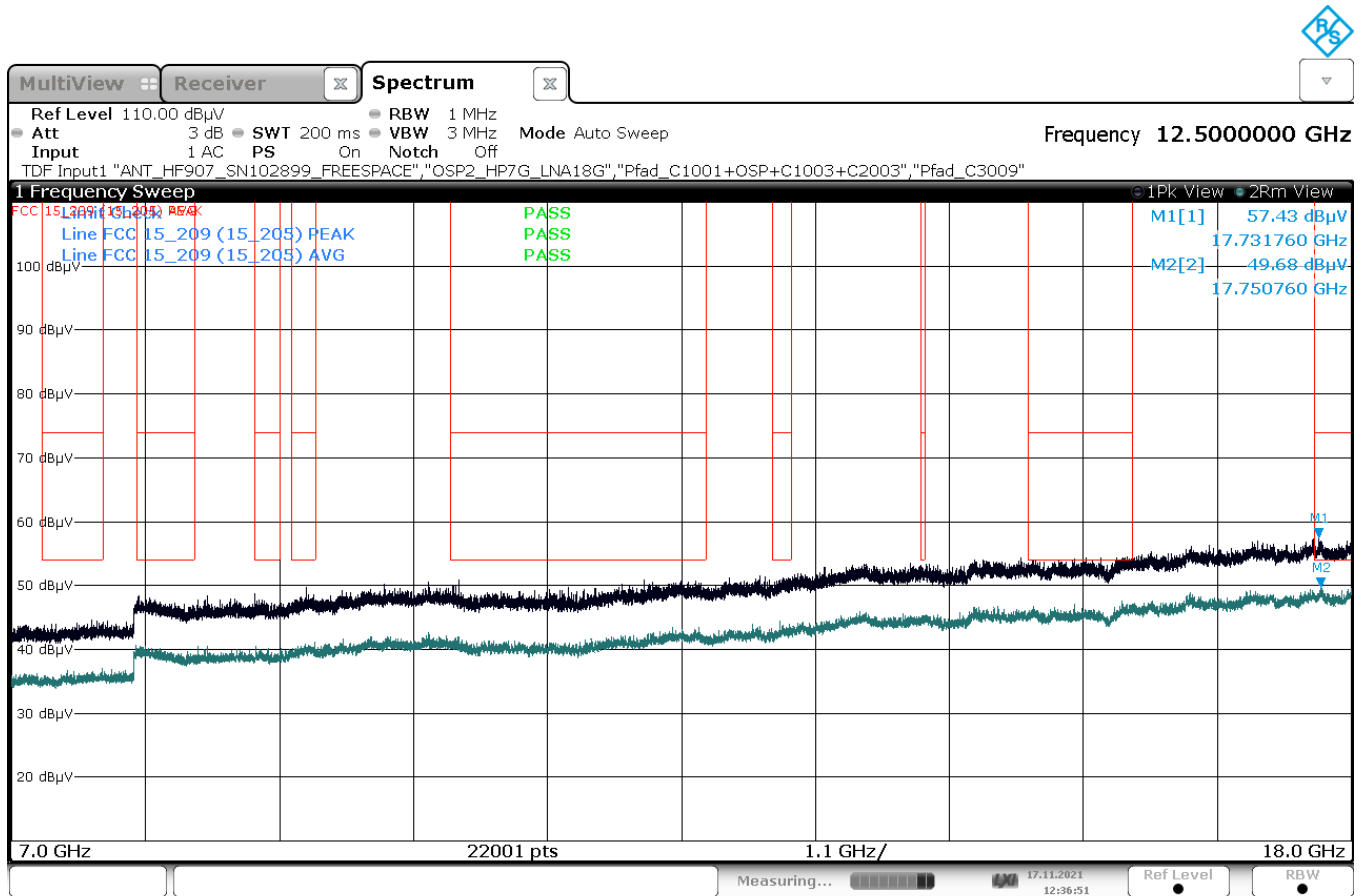
Plot 83: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation



12:26:25 17.11.2021

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Plot 84: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



12:36:51 17.11.2021

## 2.5 Variant ID #48

### DUT Information

DUT Name:	prePV 48
Manufacturer:	Mitsubishi Electric Corporation
Serial Number:	66804 (radiated)

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

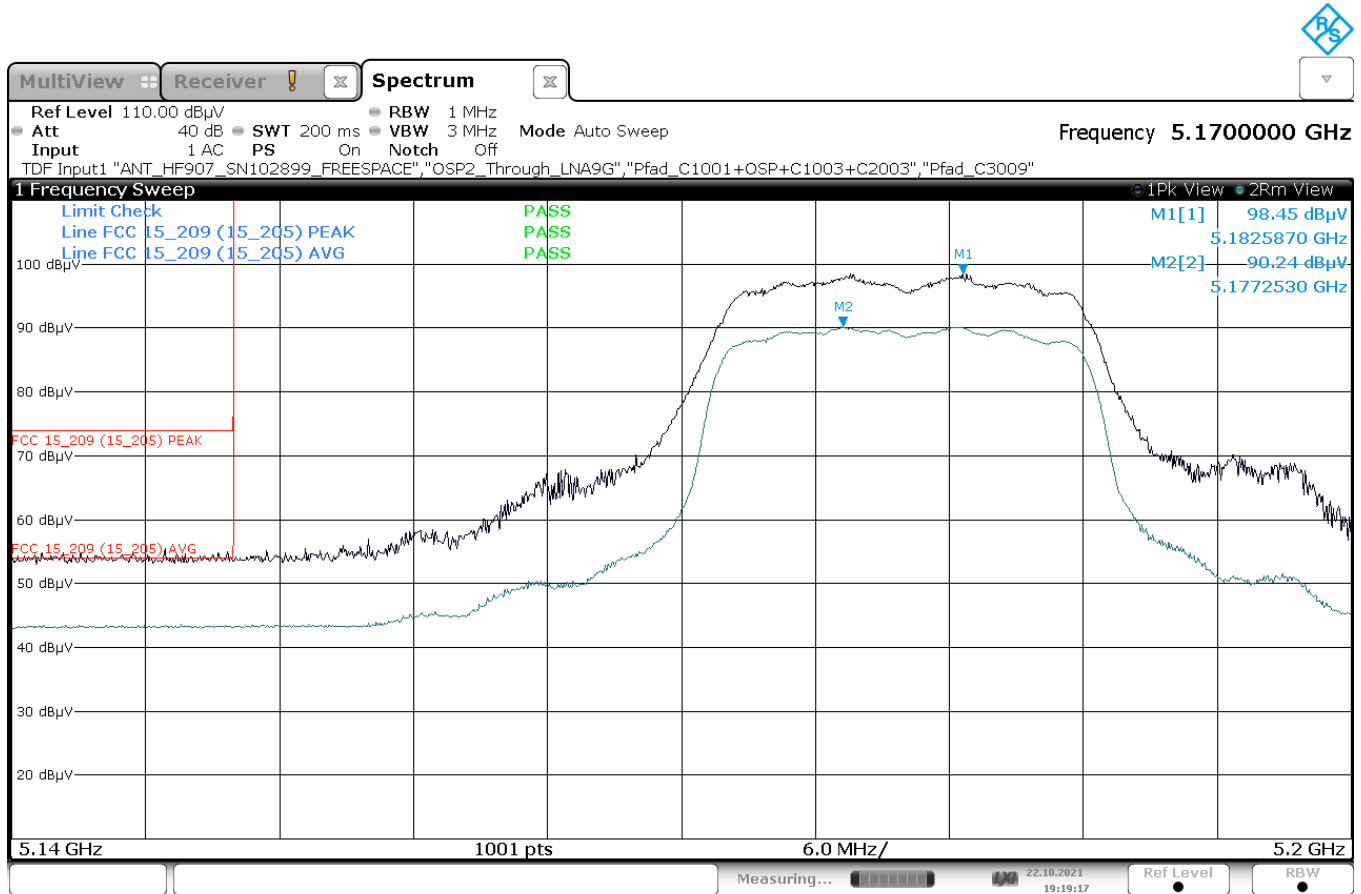
See test results of R1LOW-R-SBM DV model (see IBL-Lab test report TR-21065785-21222)

#### 2.5.2 Radiated Peak Power (Peak EIRP)

See test results of R1LOW-R-SBM DV model (see IBL-Lab test report TR-21065785-21222)

**2.5.3 Band Edge Compliance (BEC), radiated**

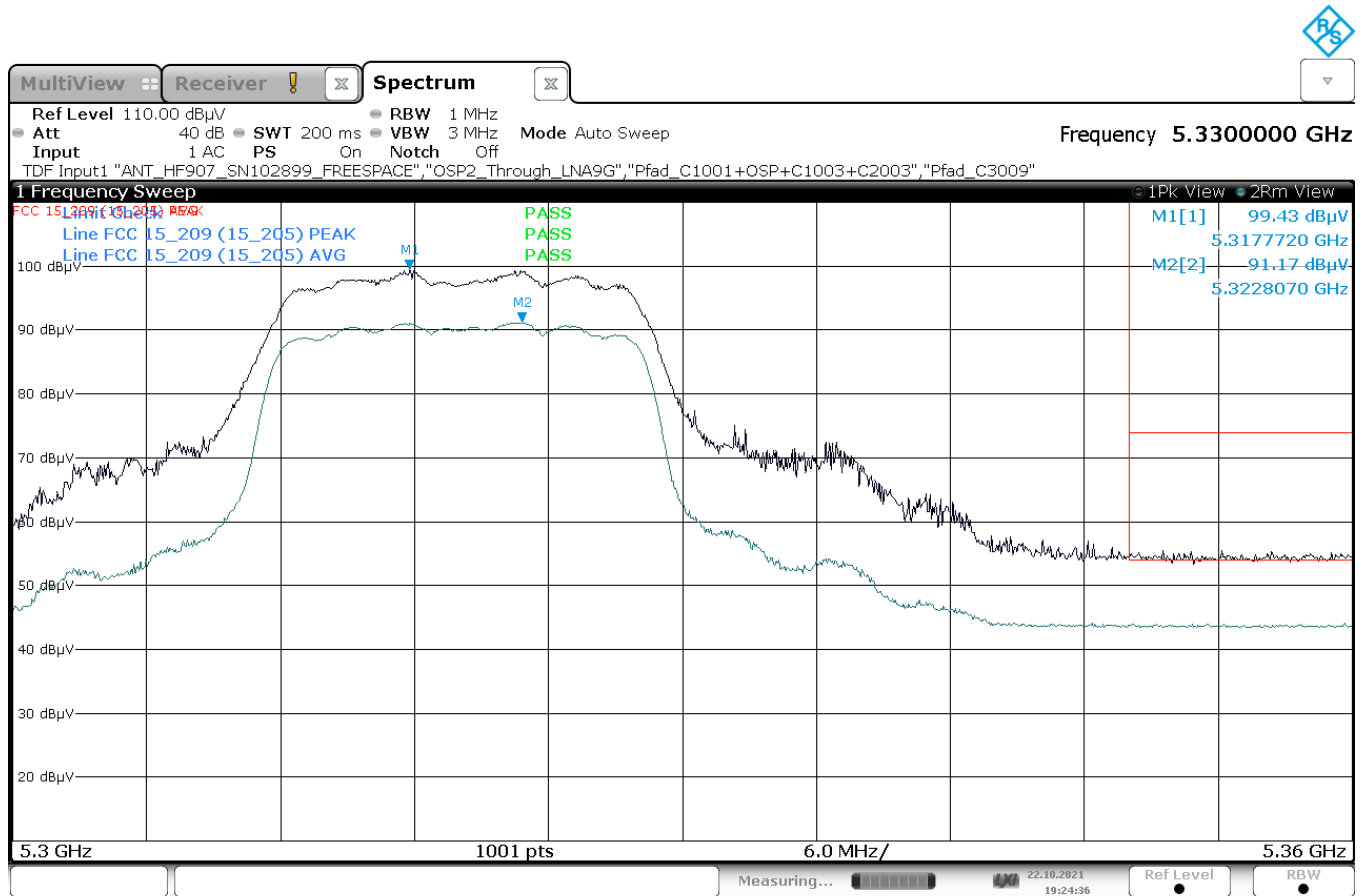
Plot 85: Mode 1, a-mode, BEC low, channel 36, 5180 MHz



19:19:17 22.10.2021

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Plot 86: Mode 1, a-mode, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth

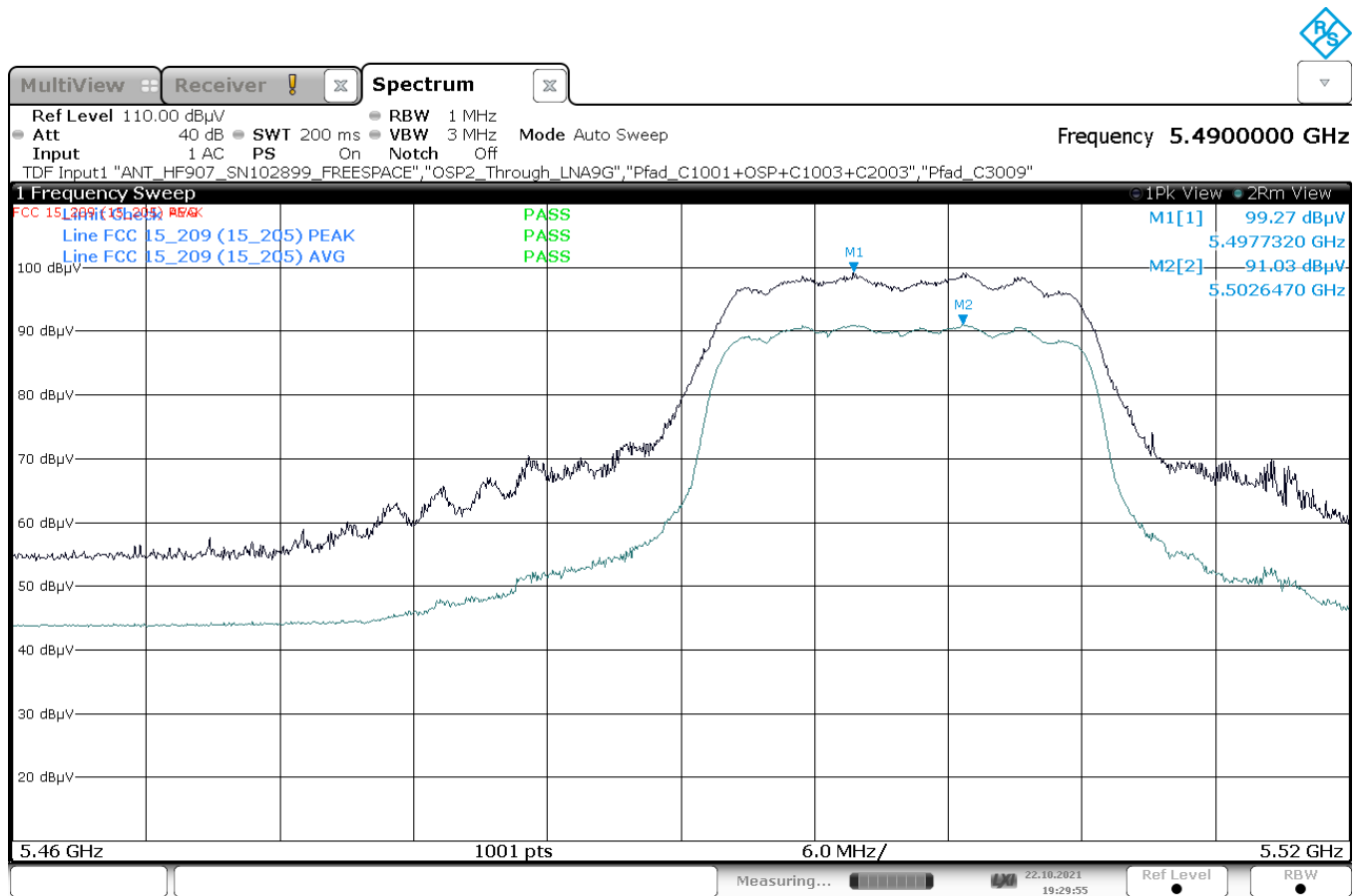


19:24:36 22.10.2021



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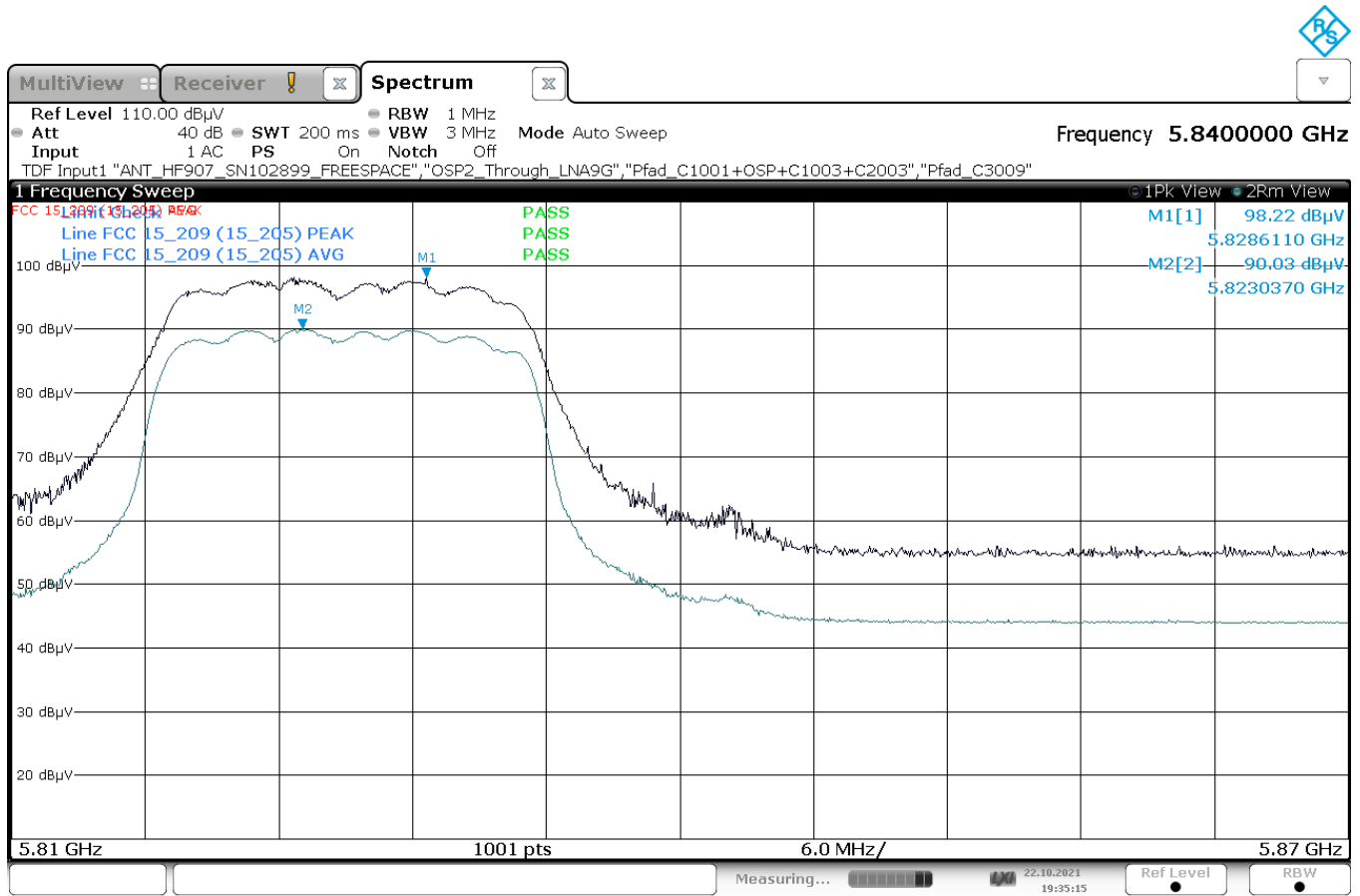
Plot 87: Mode 1, a-mode, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth



19:29:56 22.10.2021

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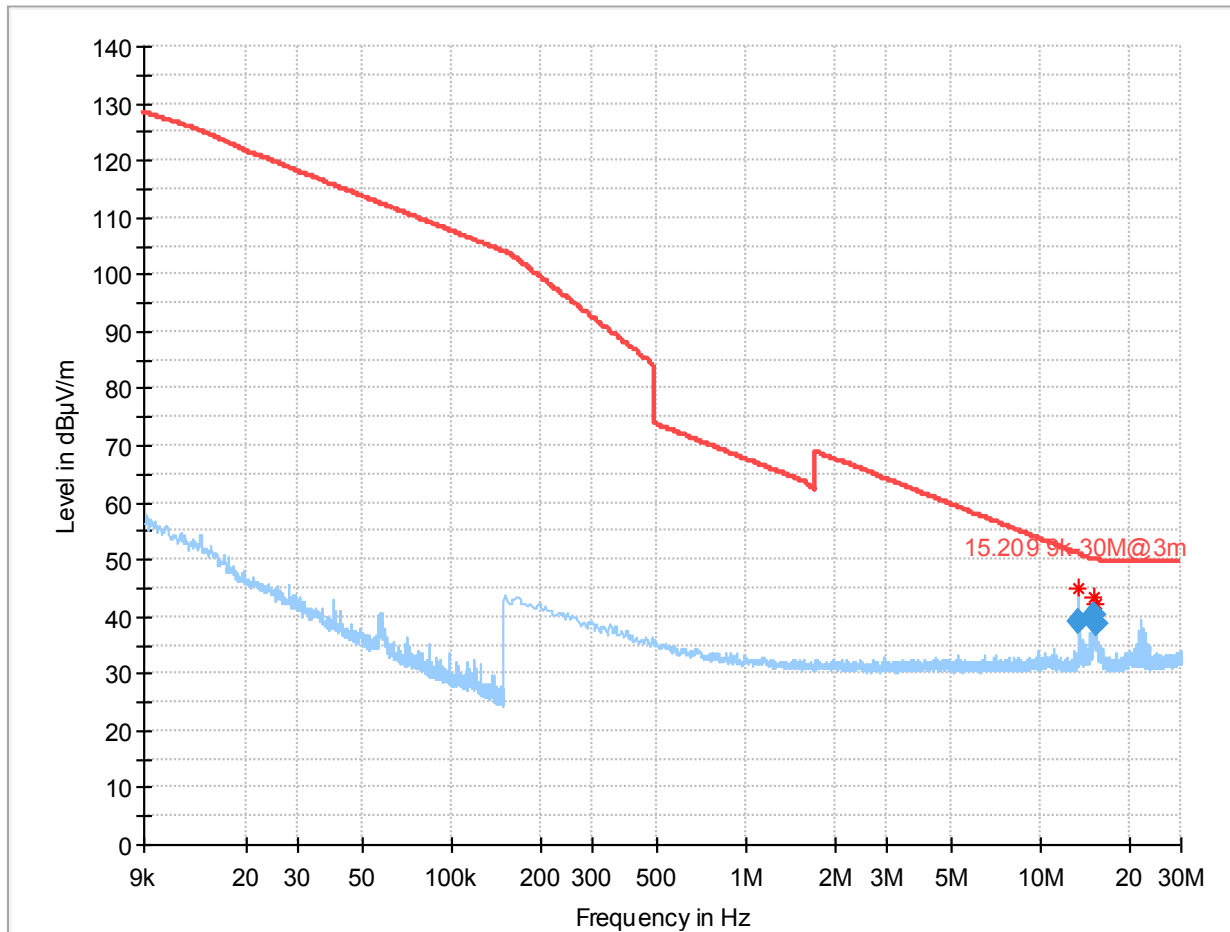
Plot 88: Mode 1, a-mode, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth



19:35:16 22.10.2021

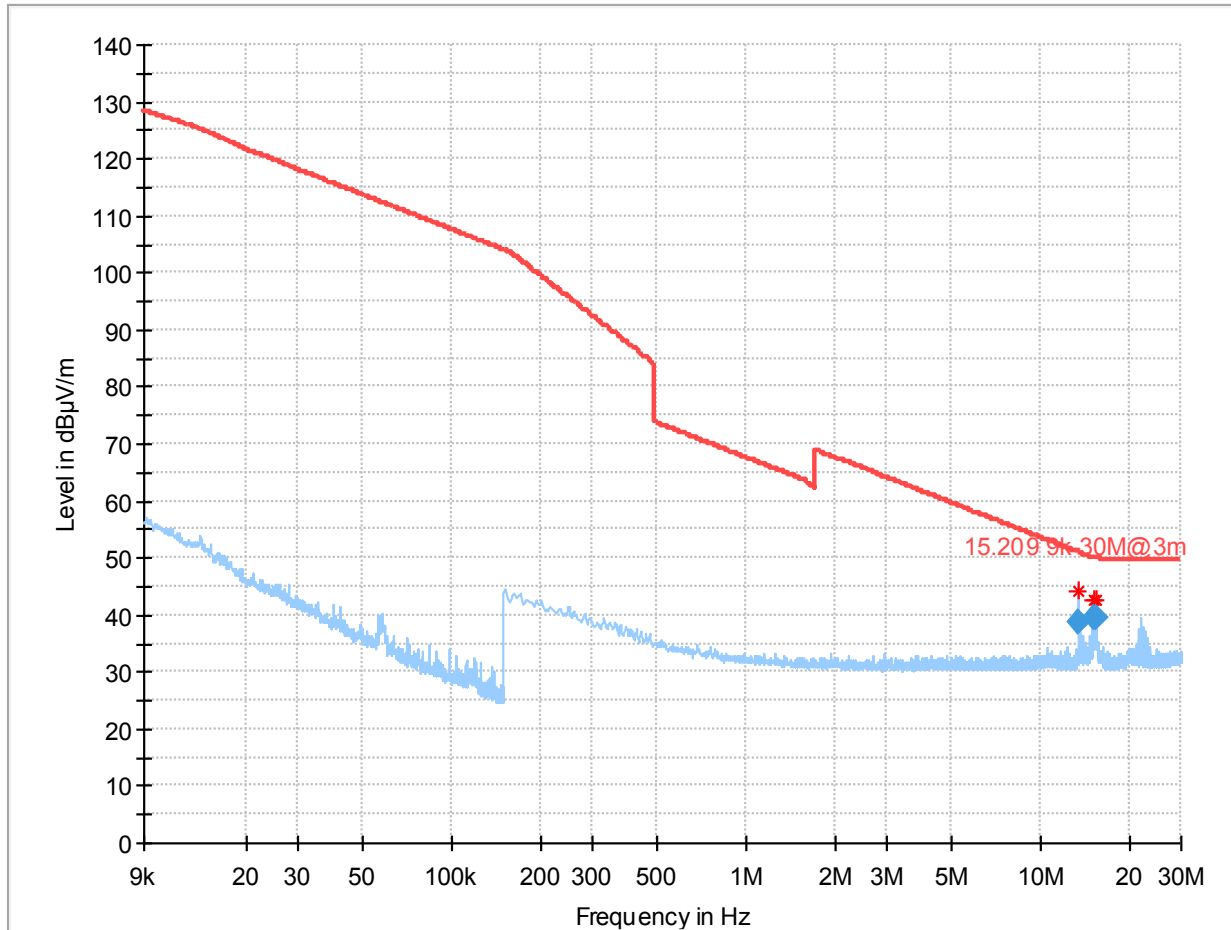
**2.5.4 Radiated Spurious Emissions (RSE)**

Plot 89: Mode 1, RSE 9 kHz – 30 MHz, channel 36, loop antenna



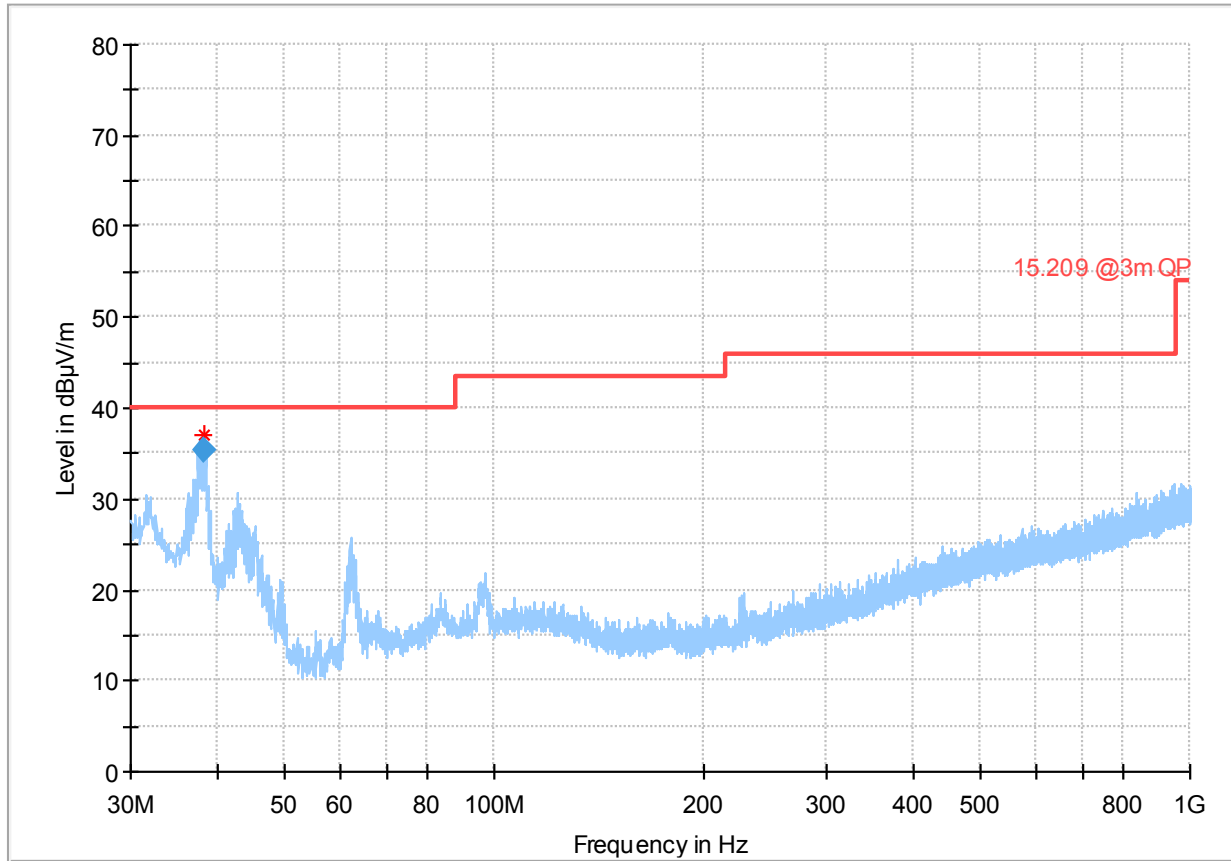
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	39.10	50.94	11.84	100.0	9.000	V	300.0	20.5
15.303750	40.46	50.04	9.58	100.0	9.000	H	30.0	20.5
15.555750	38.52	50.03	11.51	100.0	9.000	H	172.0	20.5

Plot 90: Mode 1, RSE 9 kHz – 30 MHz, channel 165, loop antenna



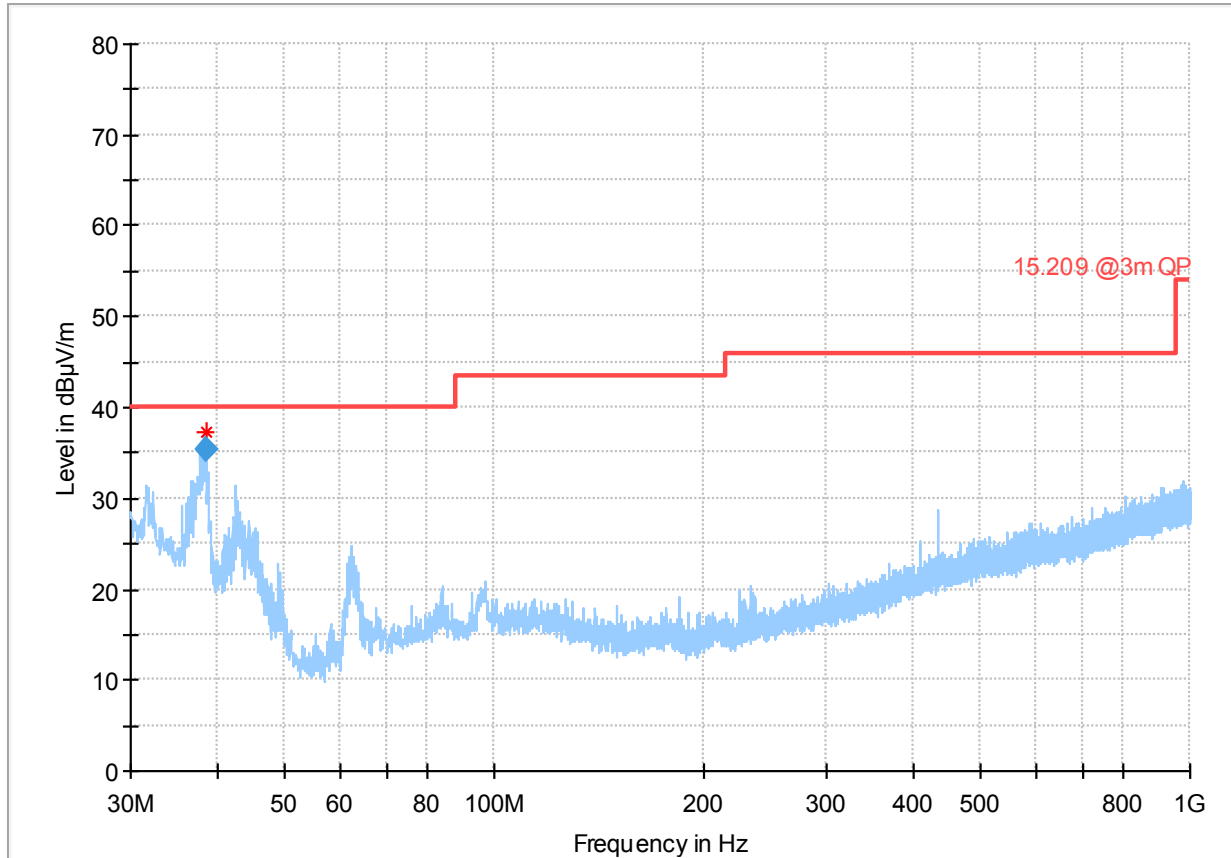
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	38.91	50.94	12.03	100.0	9.000	V	120.0	20.5
15.301500	39.40	50.04	10.64	100.0	9.000	V	300.0	20.5
15.553500	39.43	50.03	10.60	100.0	9.000	H	66.0	20.5

Plot 91: 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)	Corr. (dB/m)
38.270000	35.44	40.00	4.56	100.0	120.000	100.0	V	308.0	15.9

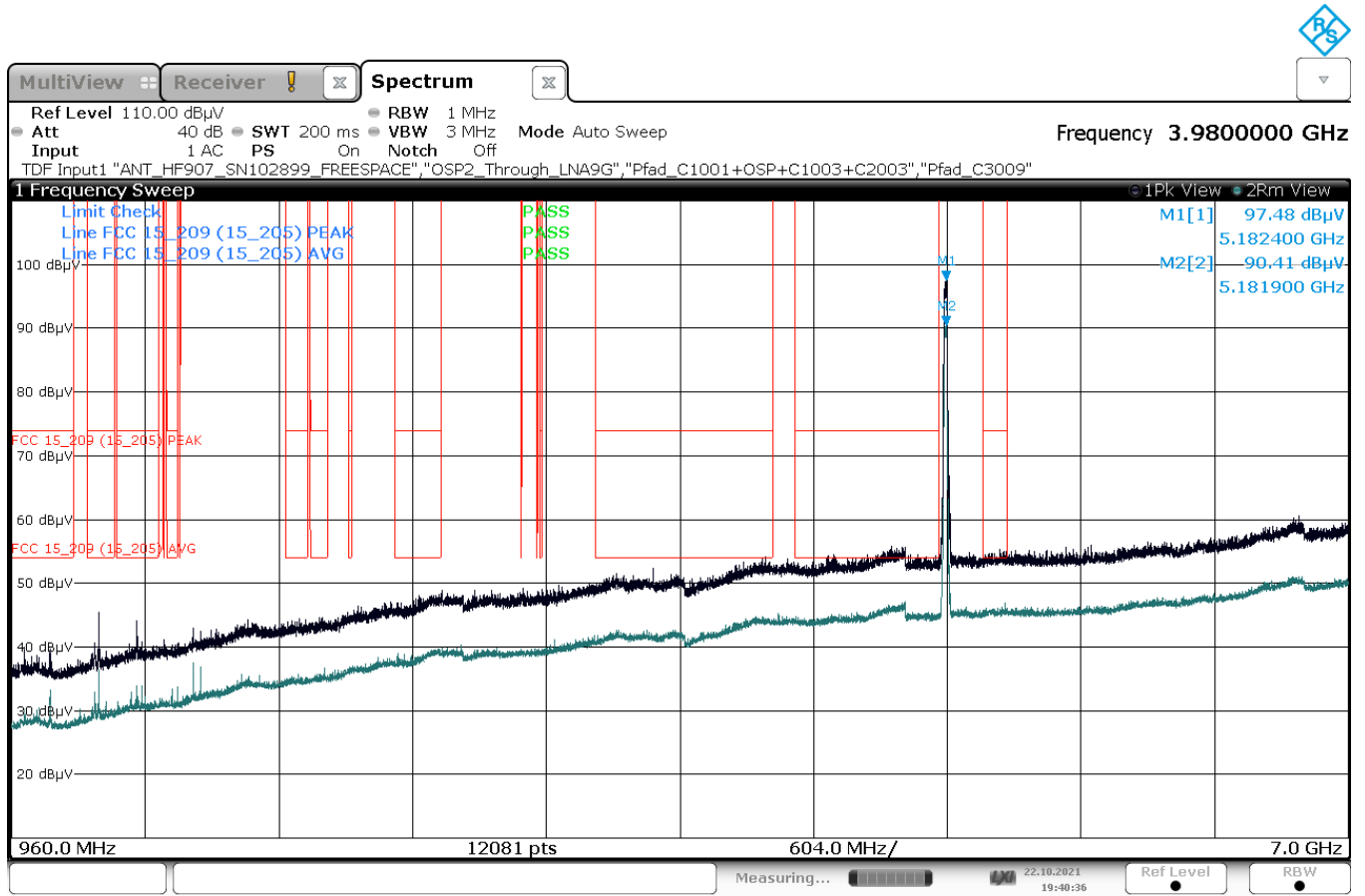
Plot 92: Mode 1, RSE 30 MHz – 1 GHz, channel 165, horizontal / vertical polarisation



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.520000	35.39	40.00	4.61	100.0	120.000	103.0	V	279.0	15.7

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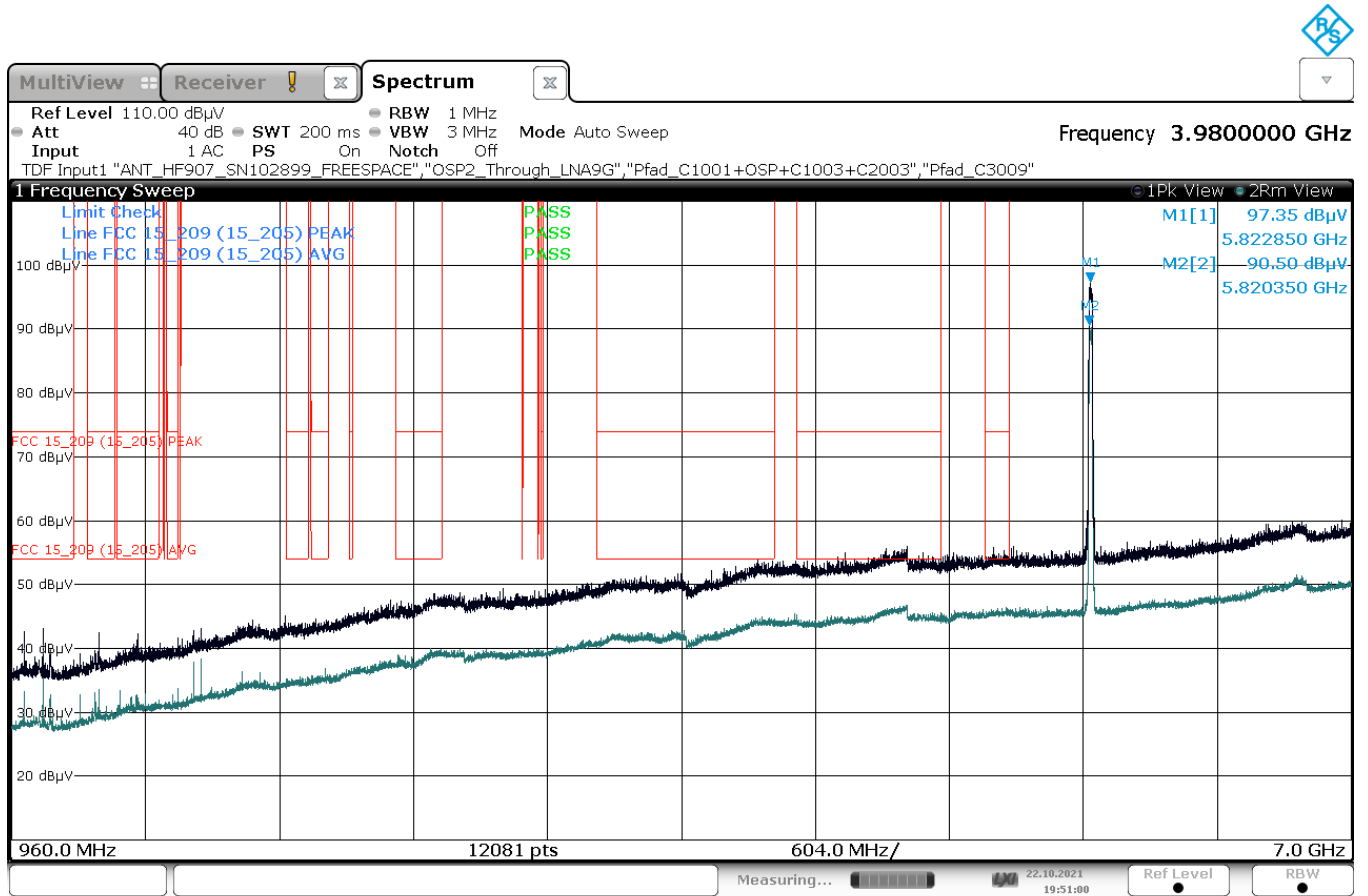
Plot 93: Mode 1, RSE 1 GHz – 7 GHz, channel 36, horizontal / vertical polarisation



19:40:36 22.10.2021

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Plot 94: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation

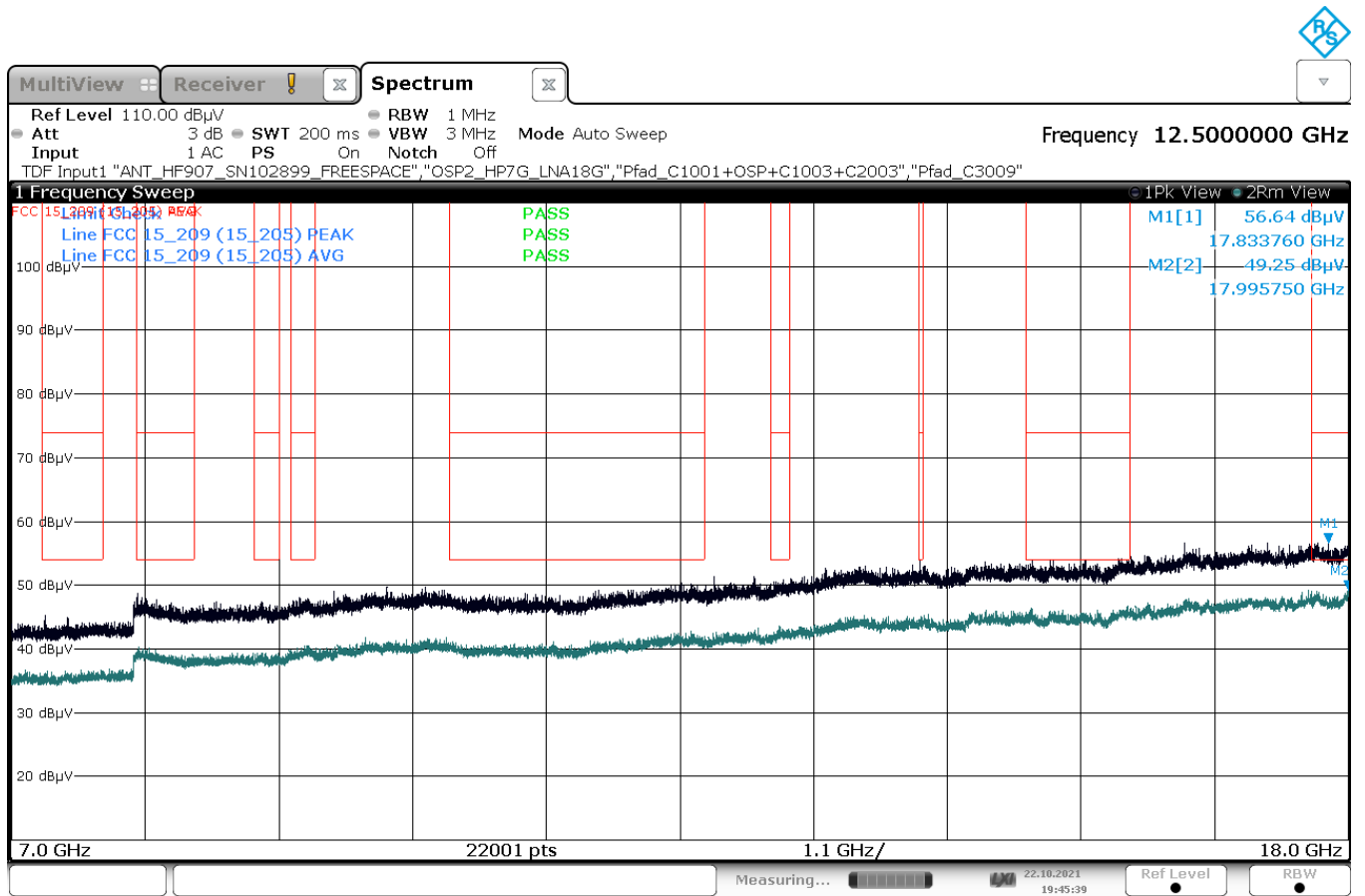


19:51:00 22.10.2021



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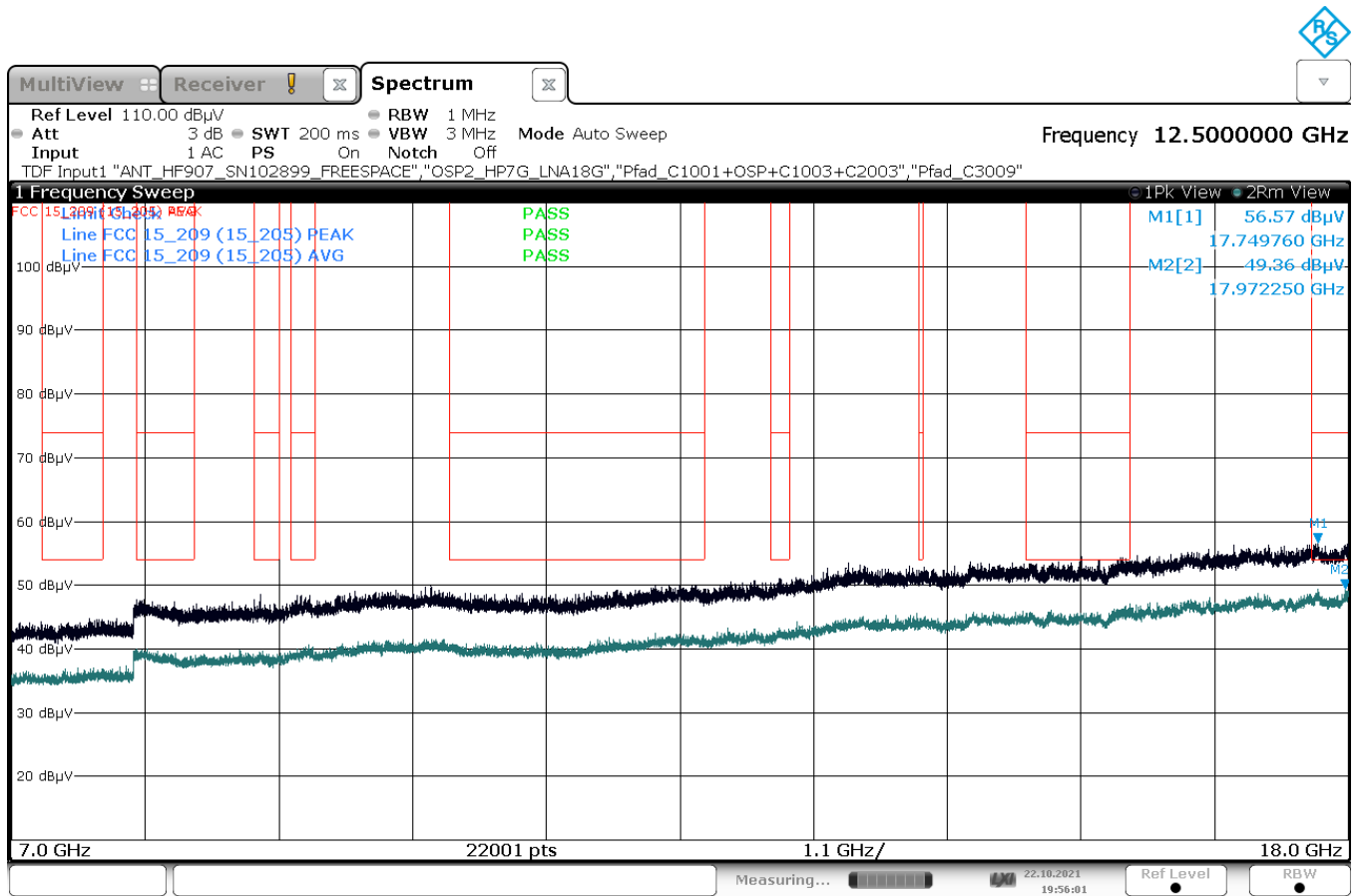
Plot 95: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation



19:45:39 22.10.2021

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Plot 96: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



19:56:02 22.10.2021

### 3 Revision History

**-0 Initial Version**

**-1 Revision:** administrative modification/correction

Change of HVIN

**This test report 21086129-23010-1 replaces the previous test report 21086129-23010-0**

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**End of Annex**

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