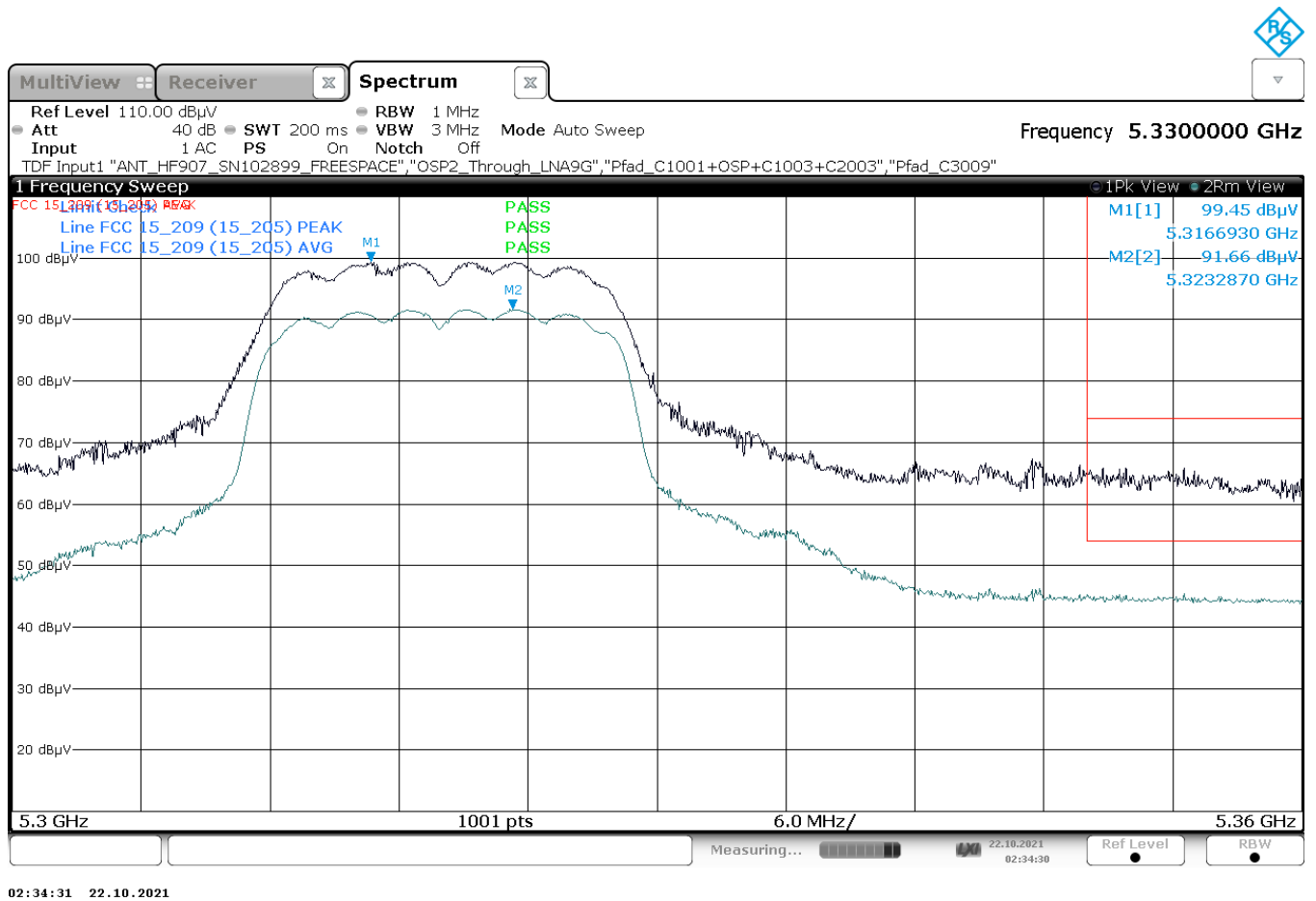


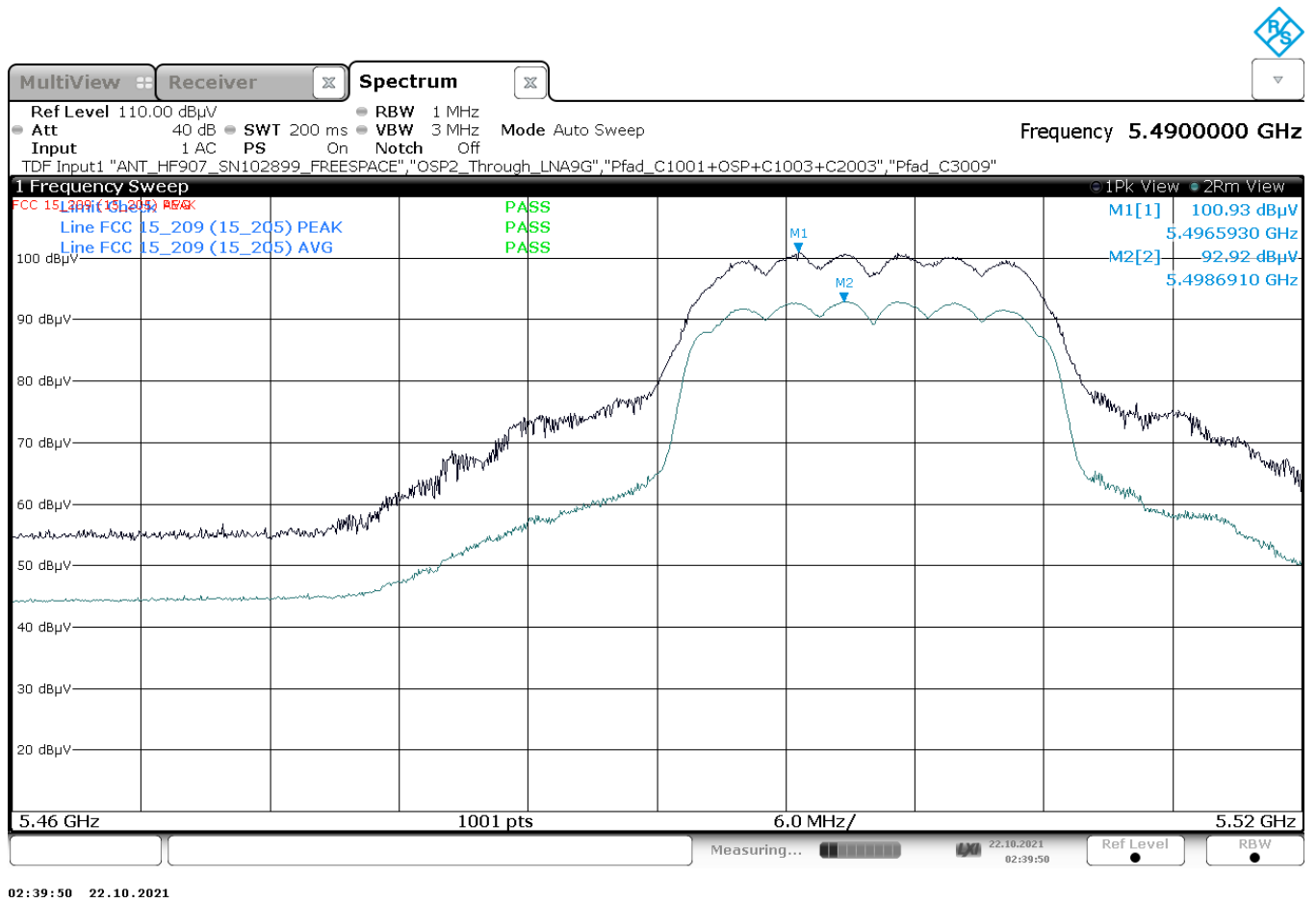
Annex A of TR no.: 21086128-23003-1

Plot 221: Mode 1, a-mode, BEC high, channel 64, 5320 MHz, 20 MHz channel bandwidth



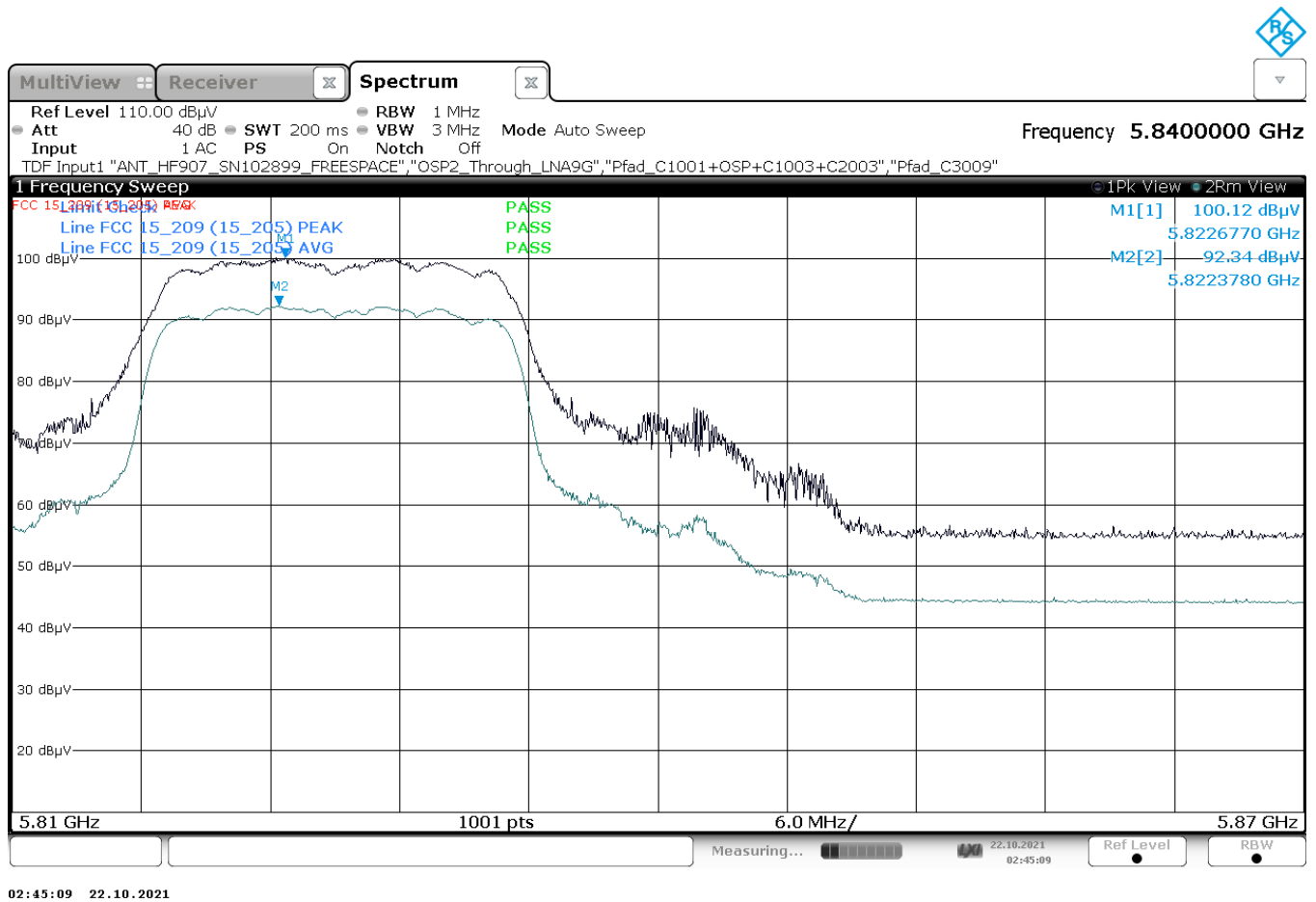
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Plot 222: Mode 1, a-mode, BEC low, channel 100, 5500 MHz, 20 MHz channel bandwidth



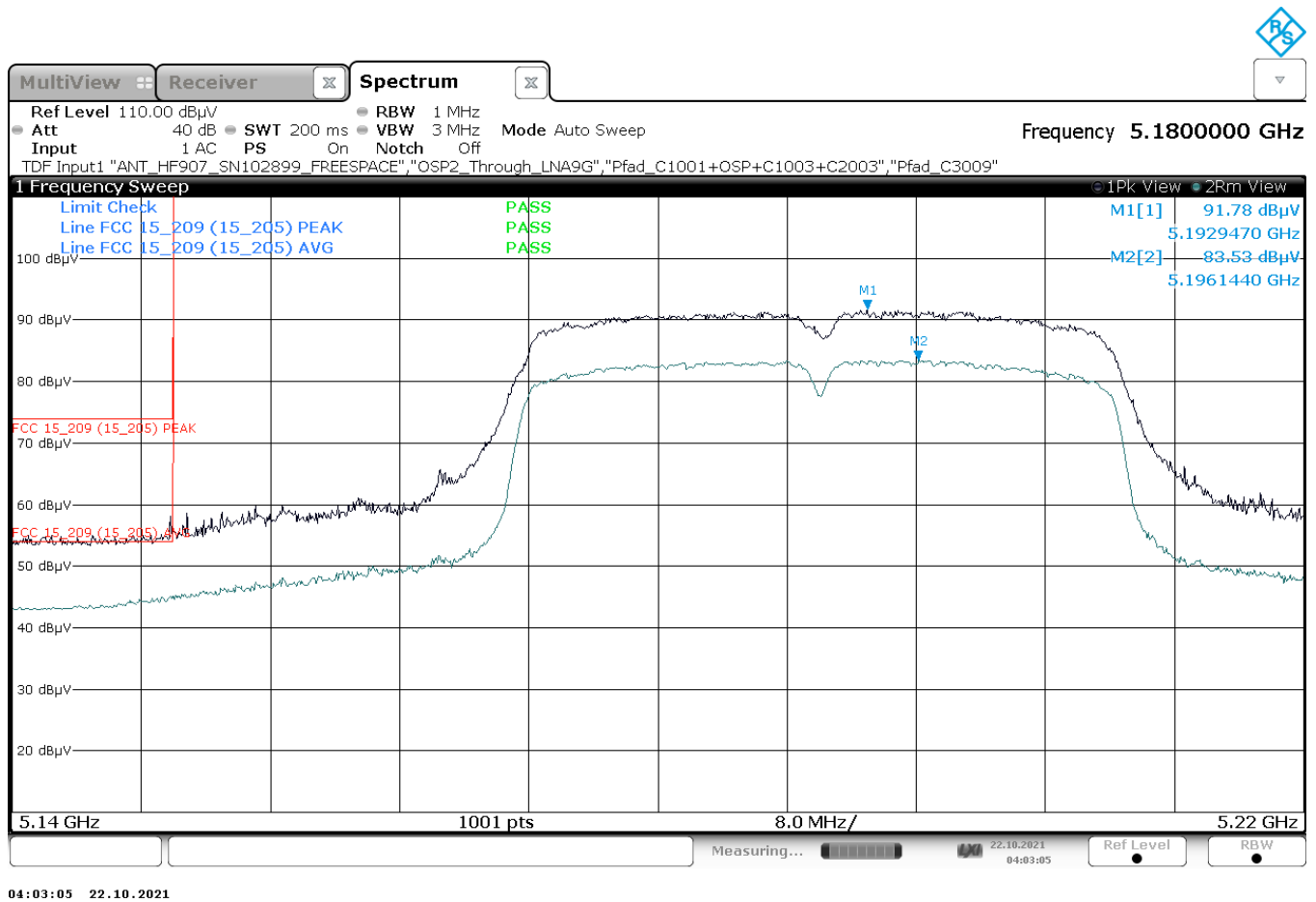
Annex A of TR no.: 21086128-23003-1

Plot 223: Mode 1, a-mode, BEC high, channel 165, 5825 MHz, 20 MHz channel bandwidth

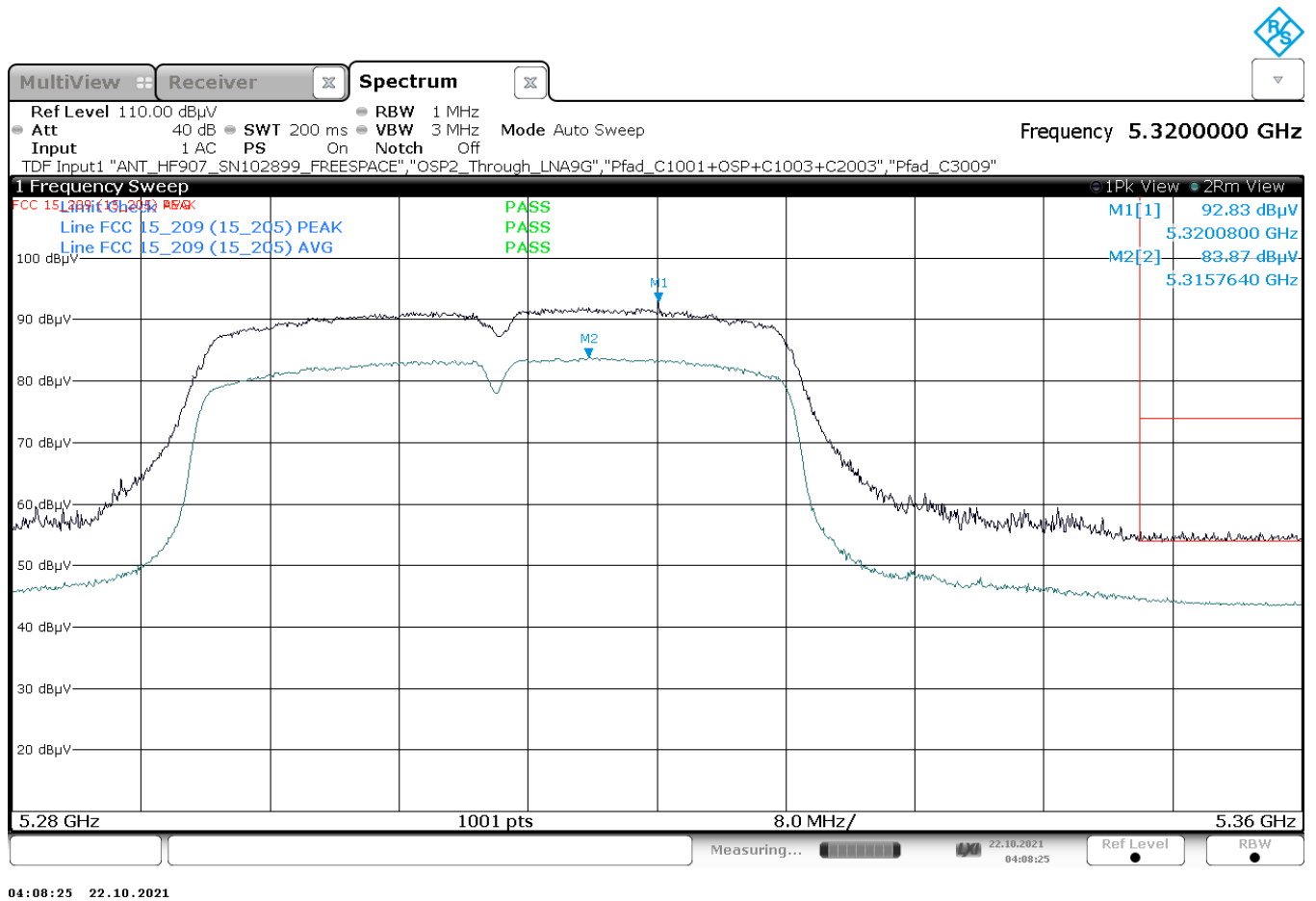


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Plot 224: Mode 3, n-HT40 mode, BEC low, channel 38, 5190 MHz, 40 MHz channel bandwidth

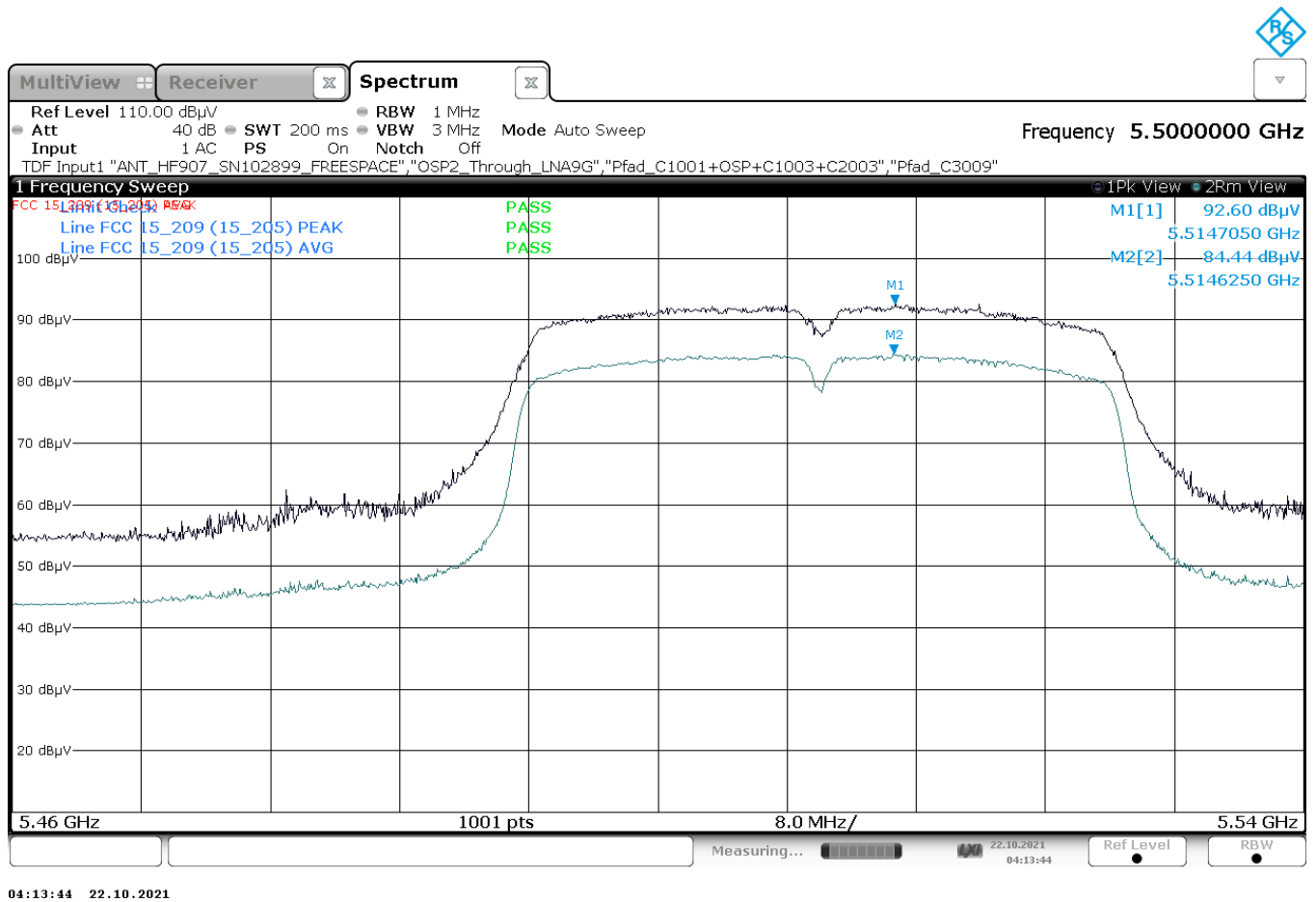


Plot 225: Mode 3, n-HT40 mode, BEC high, channel 62, 5320 MHz, 40 MHz channel bandwidth



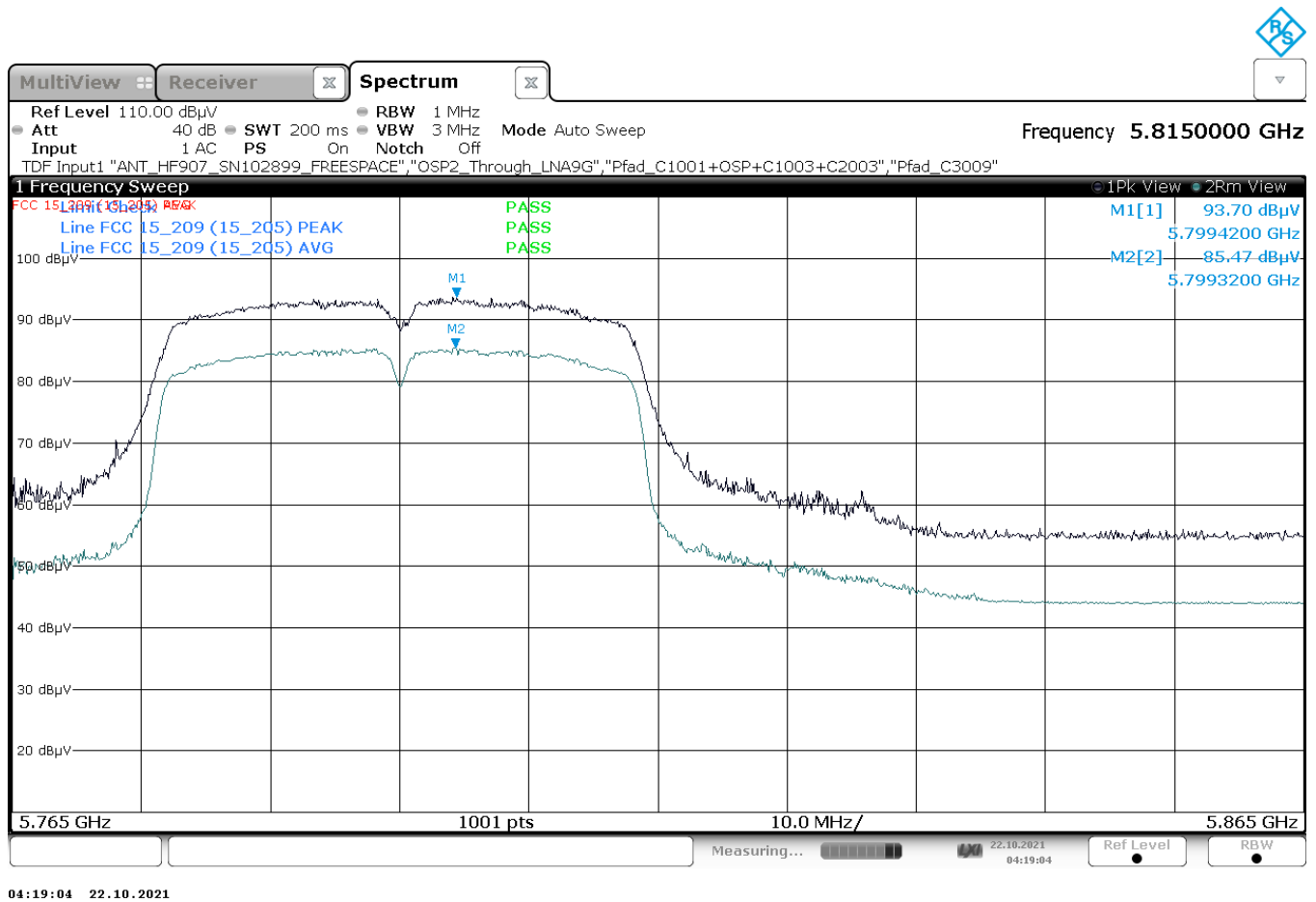
Annex A of TR no.: 21086128-23003-1

Plot 226: Mode 3, n-HT40 mode, BEC low, channel 102, 5510 MHz, 40 MHz channel bandwidth



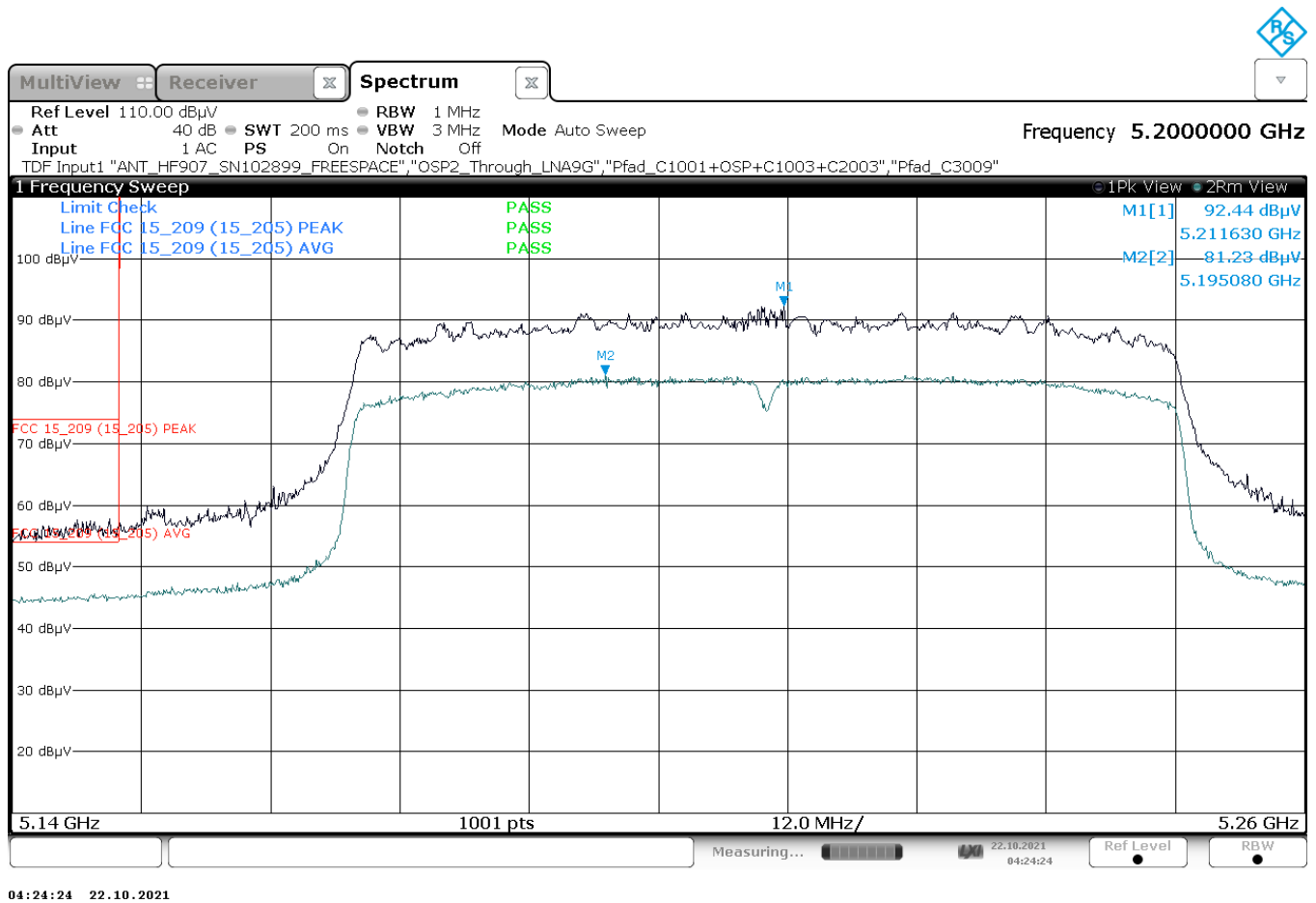
Annex A of TR no.: 21086128-23003-1

Plot 227: Mode 3, n-HT40 mode, BEC high, channel 159, 5795 MHz, 40 MHz channel bandwidth



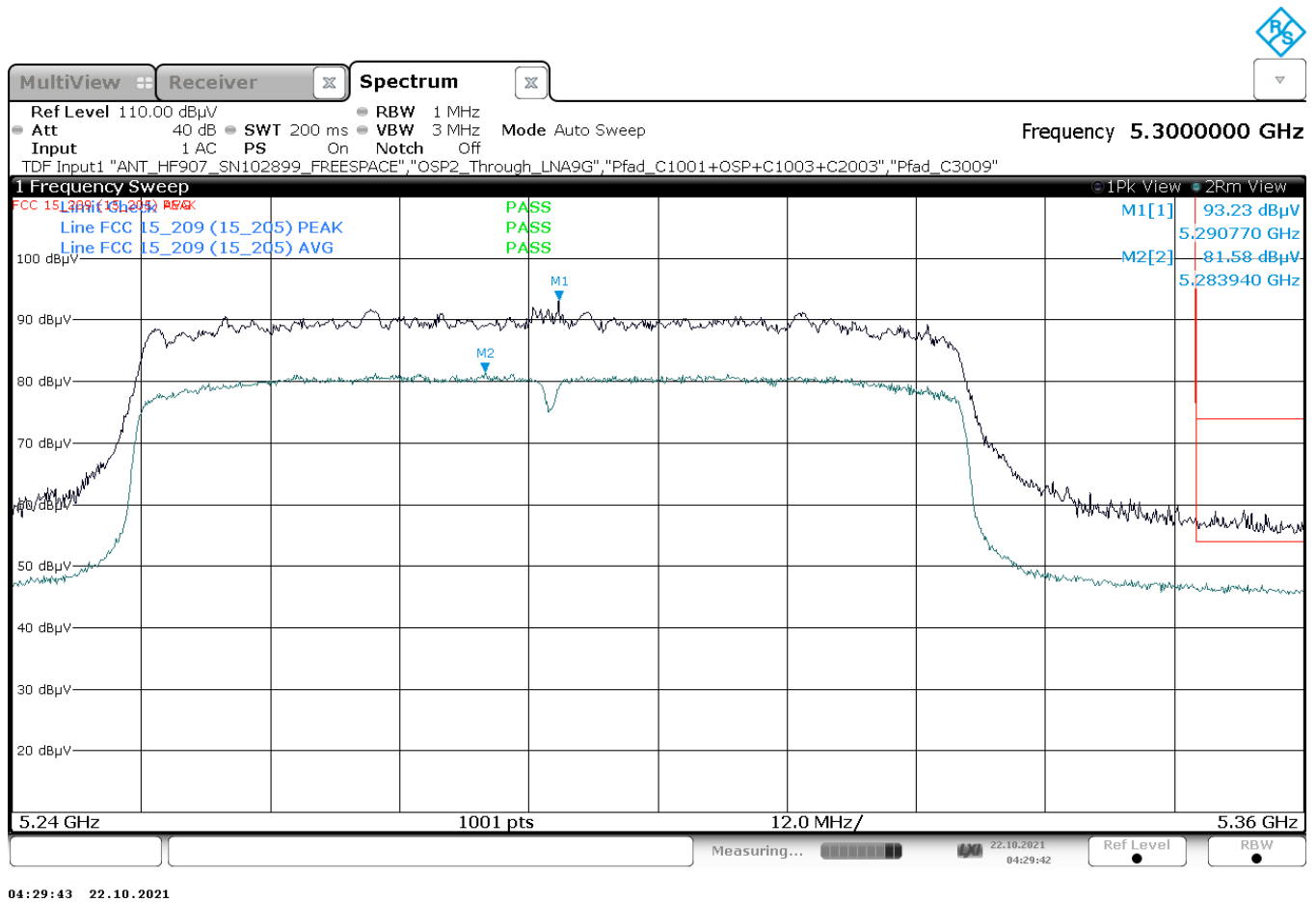
Annex A of TR no.: 21086128-23003-1

Plot 228: Mode 6, ac-HT80 mode, BEC low, channel 42, 5210 MHz, 80 MHz channel bandwidth



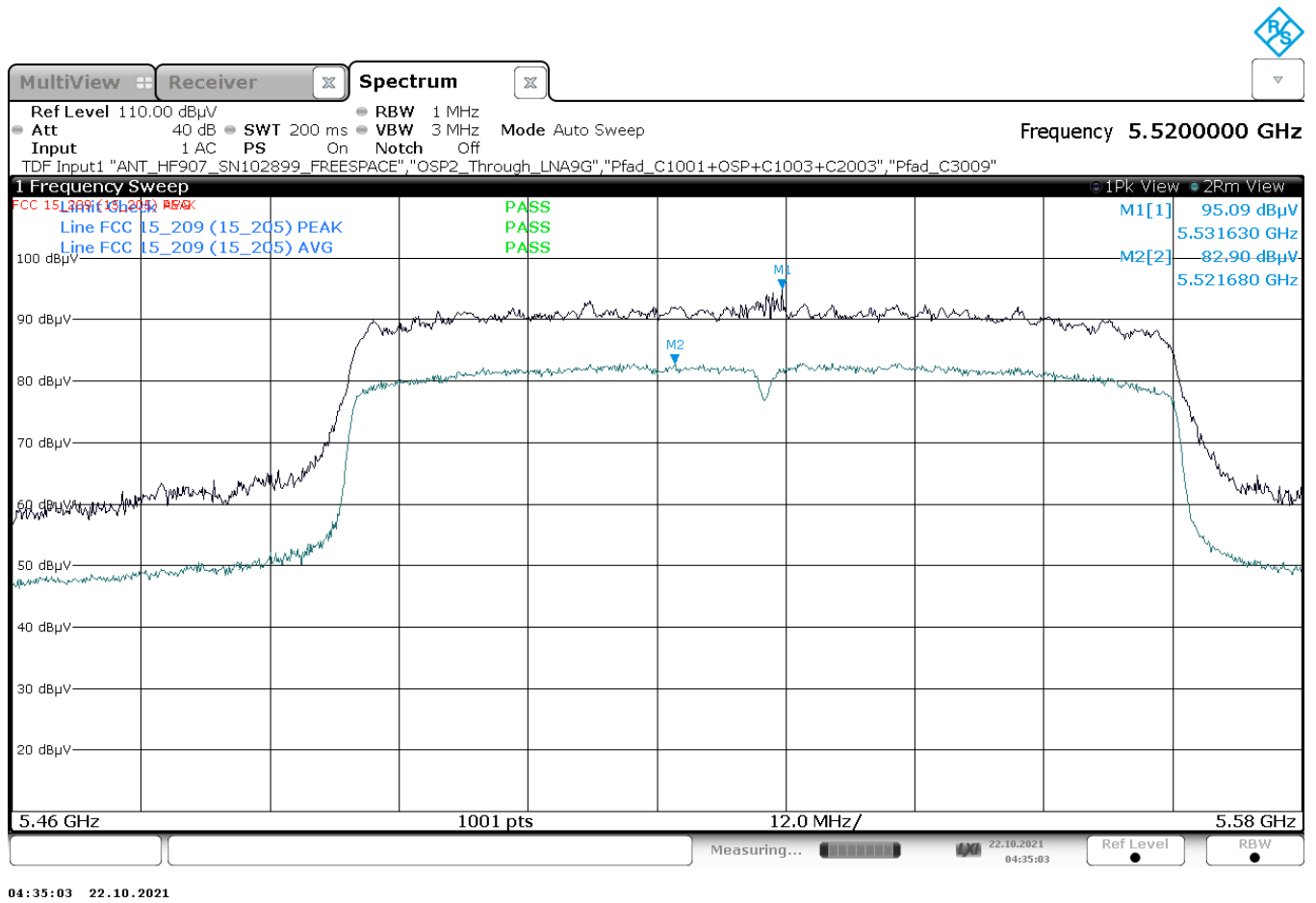
Annex A of TR no.: 21086128-23003-1

Plot 229: Mode 6, ac-HT80 mode, BEC high, channel 58, 5290 MHz, 80 MHz channel bandwidth



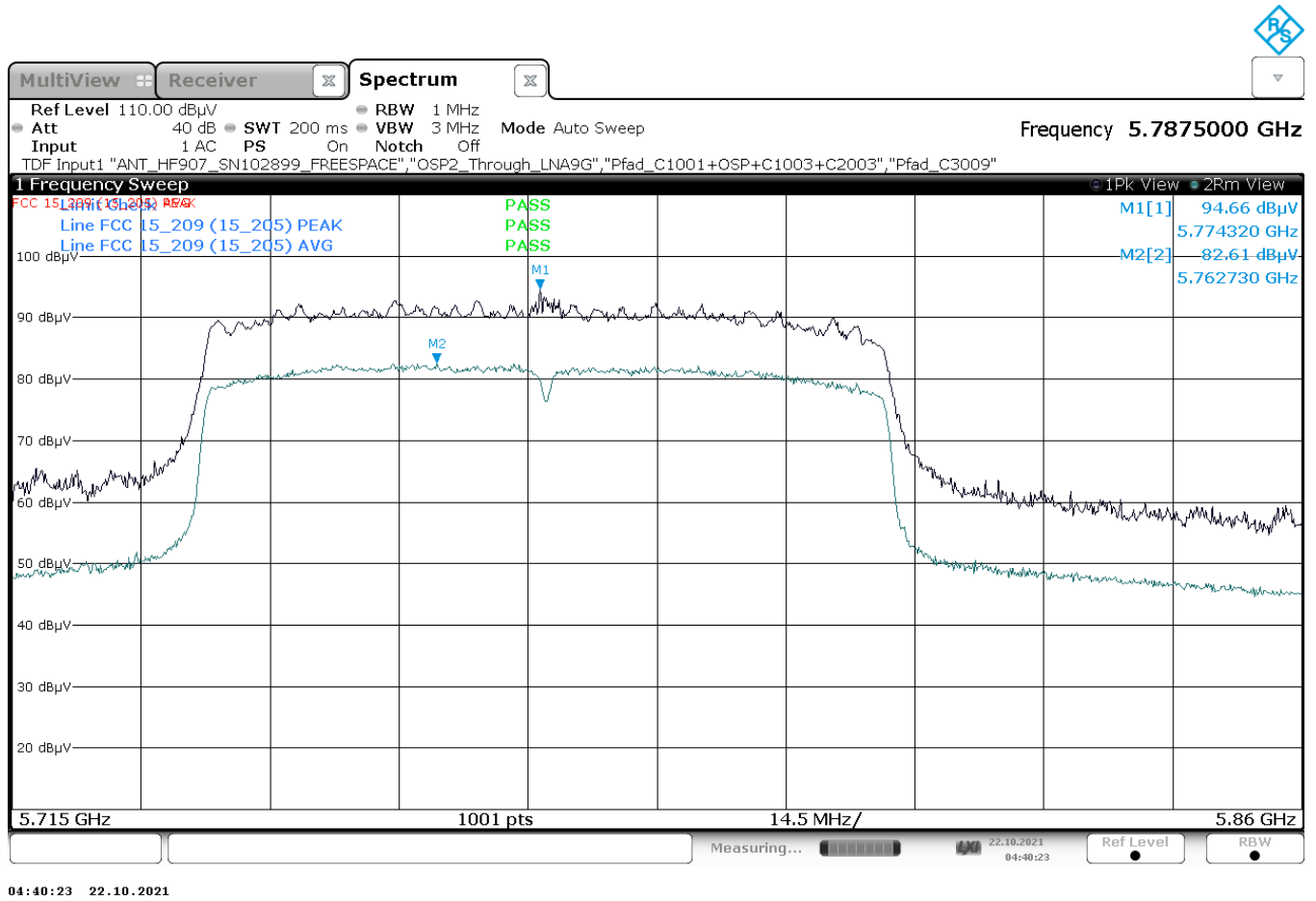
Annex A of TR no.: 21086128-23003-1

Plot 230: Mode 6, ac-HT80 mode, BEC low, channel 106, 5530 MHz, 80 MHz channel bandwidth



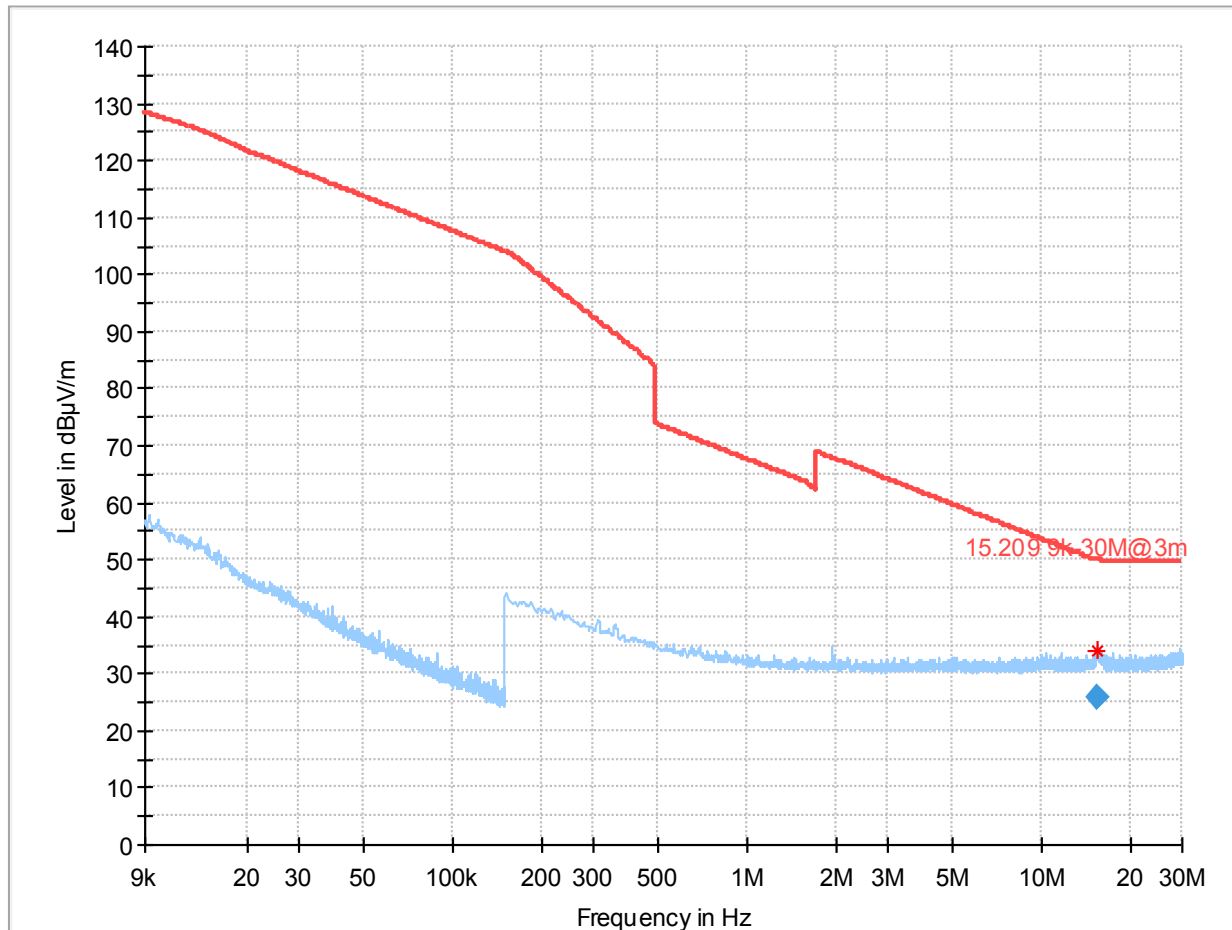
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Plot 231: Mode 6, ac-HT80 mode, BEC high, channel 155, 5775 MHz, 80 MHz channel bandwidth



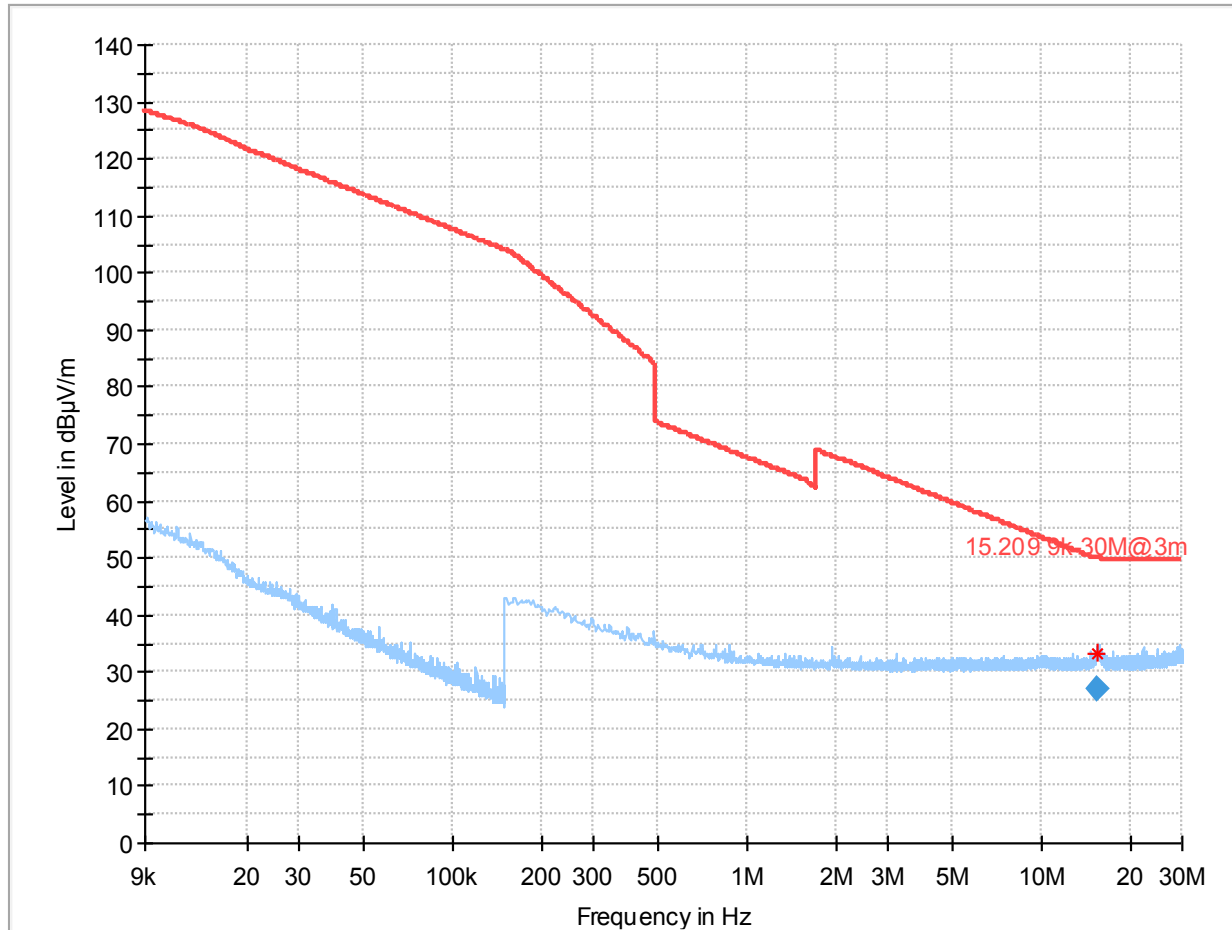
2.7.4 Radiated Spurious Emissions (RSE)

Plot 232: Mode 1, RSE 9 kHz – 30 MHz, channel 36, loop antenna



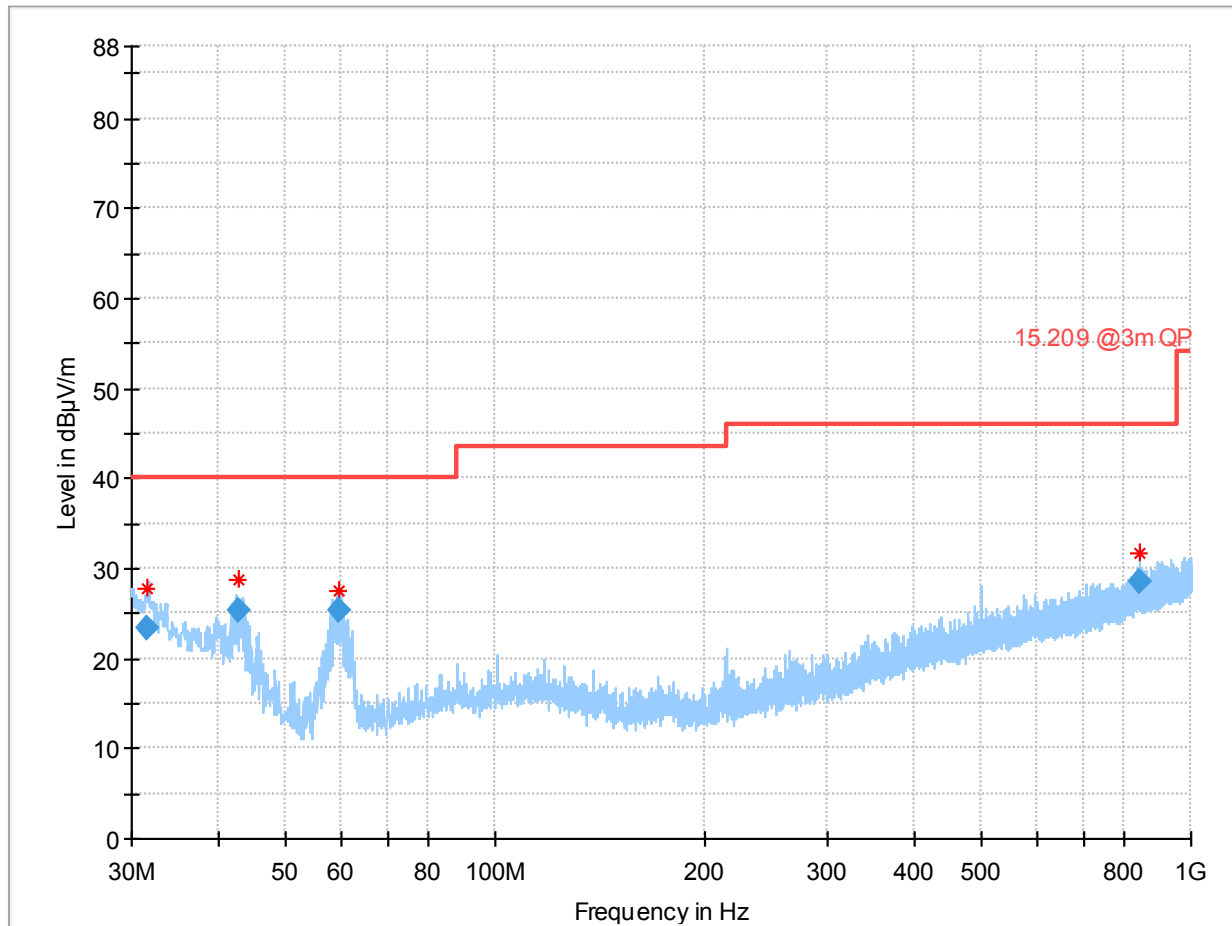
Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
15.533250	25.76	50.03	24.27	100.0	9.000	V	240.0	20.5

Plot 233: Mode 1, RSE 9 kHz – 30 MHz, channel 64, loop antenna



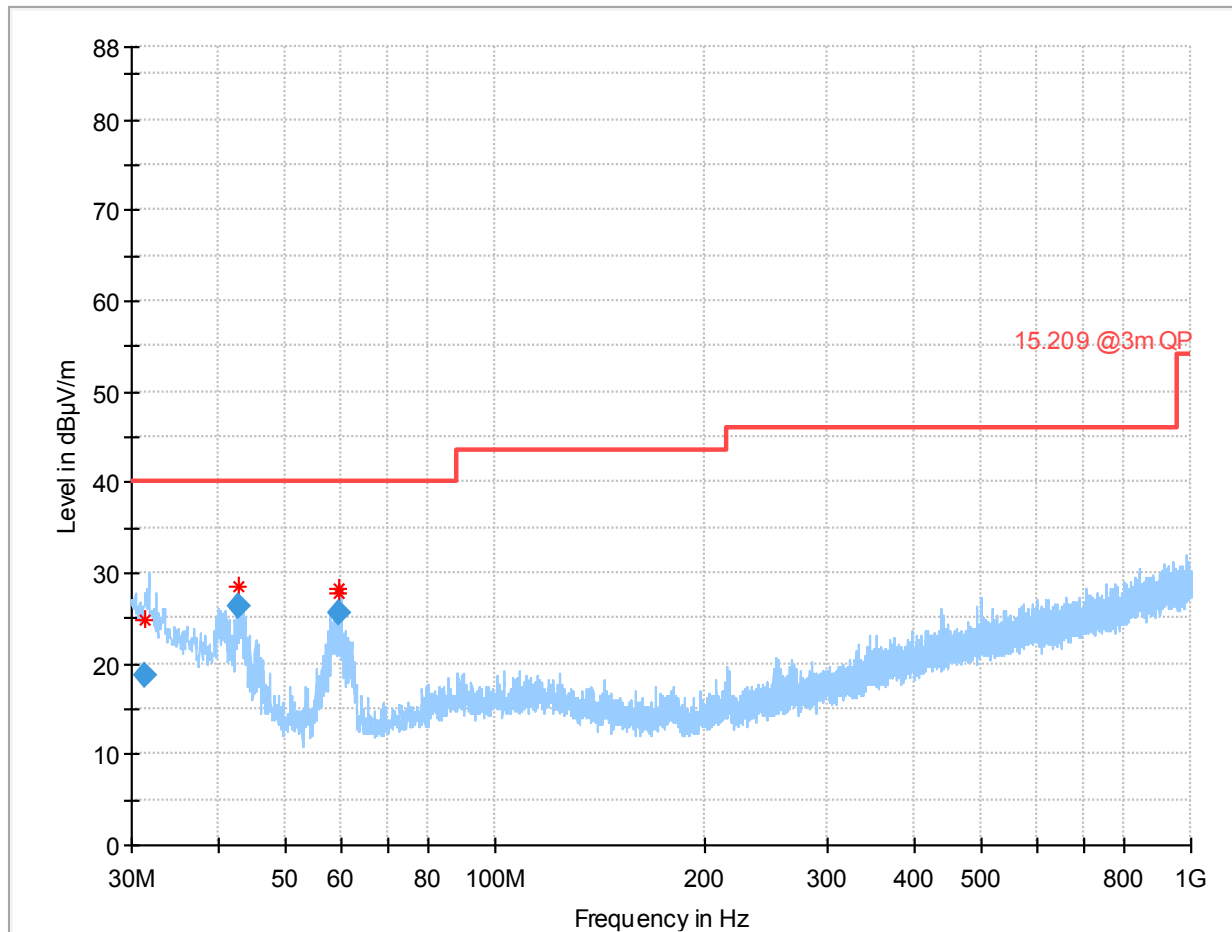
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
15.542250	26.81	50.03	23.22	100.0	9.000	V	30.0	20.5

Plot 234: Mode 1, RSE 30 MHz – 1 GHz, channel 36, horizontal / vertical polarisation



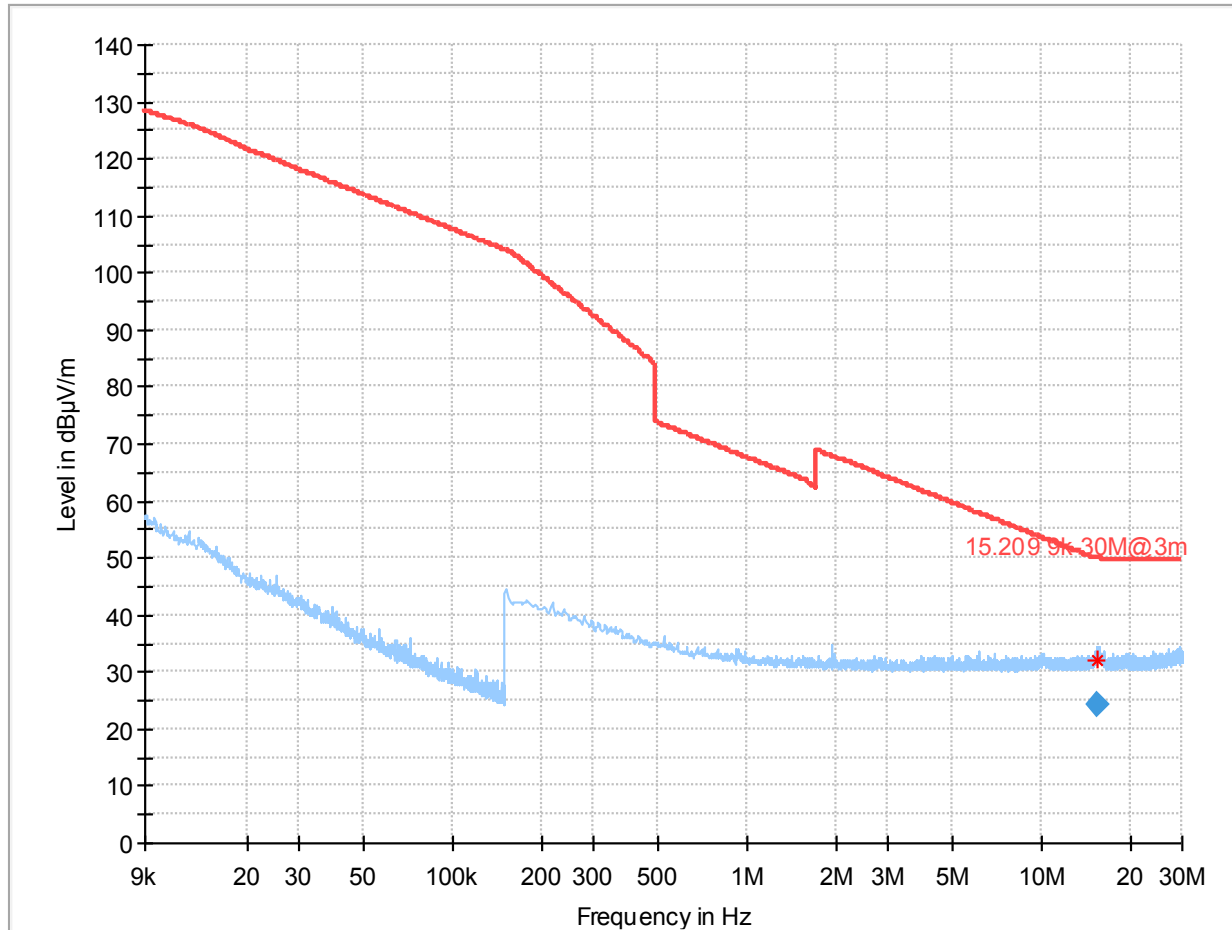
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.569500	23.38	40.00	16.62	100.0	120.000	100.0	H	4.0
42.764500	25.36	40.00	14.64	100.0	120.000	141.0	V	313.0
59.424500	25.35	40.00	14.65	100.0	120.000	119.0	V	188.0
841.816500	28.51	46.00	17.49	100.0	120.000	100.0	H	298.0

Plot 235: Mode 1, RSE 30 MHz – 1 GHz, channel 64, horizontal / vertical polarisation



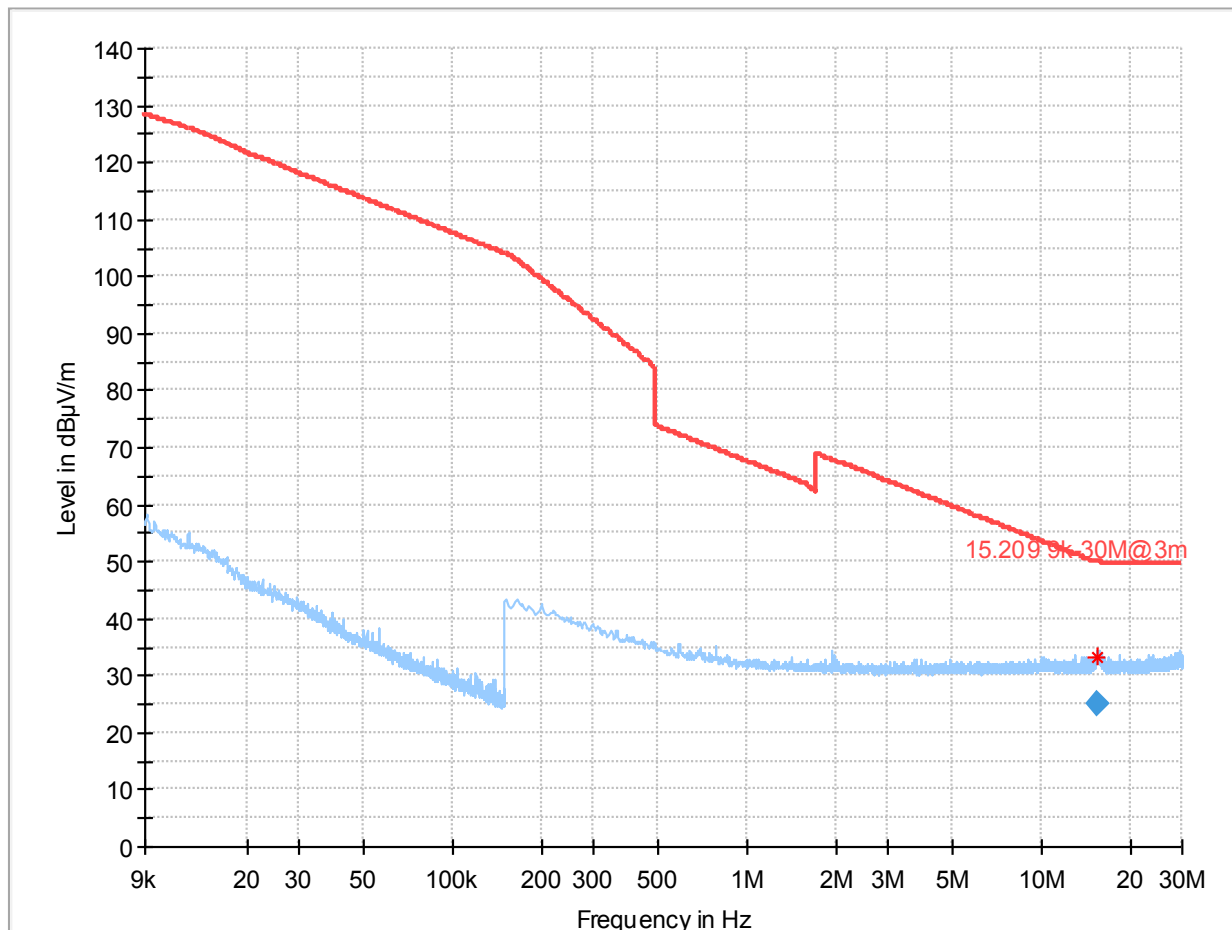
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.344500	18.67	40.00	21.33	100.0	120.000	103.0	V	265.0
42.765500	26.20	40.00	13.80	100.0	120.000	148.0	V	36.0
59.432000	25.58	40.00	14.42	100.0	120.000	104.0	V	92.0

Plot 236: Mode 1, RSE 9 kHz – 30 MHz, channel 100, loop antenna



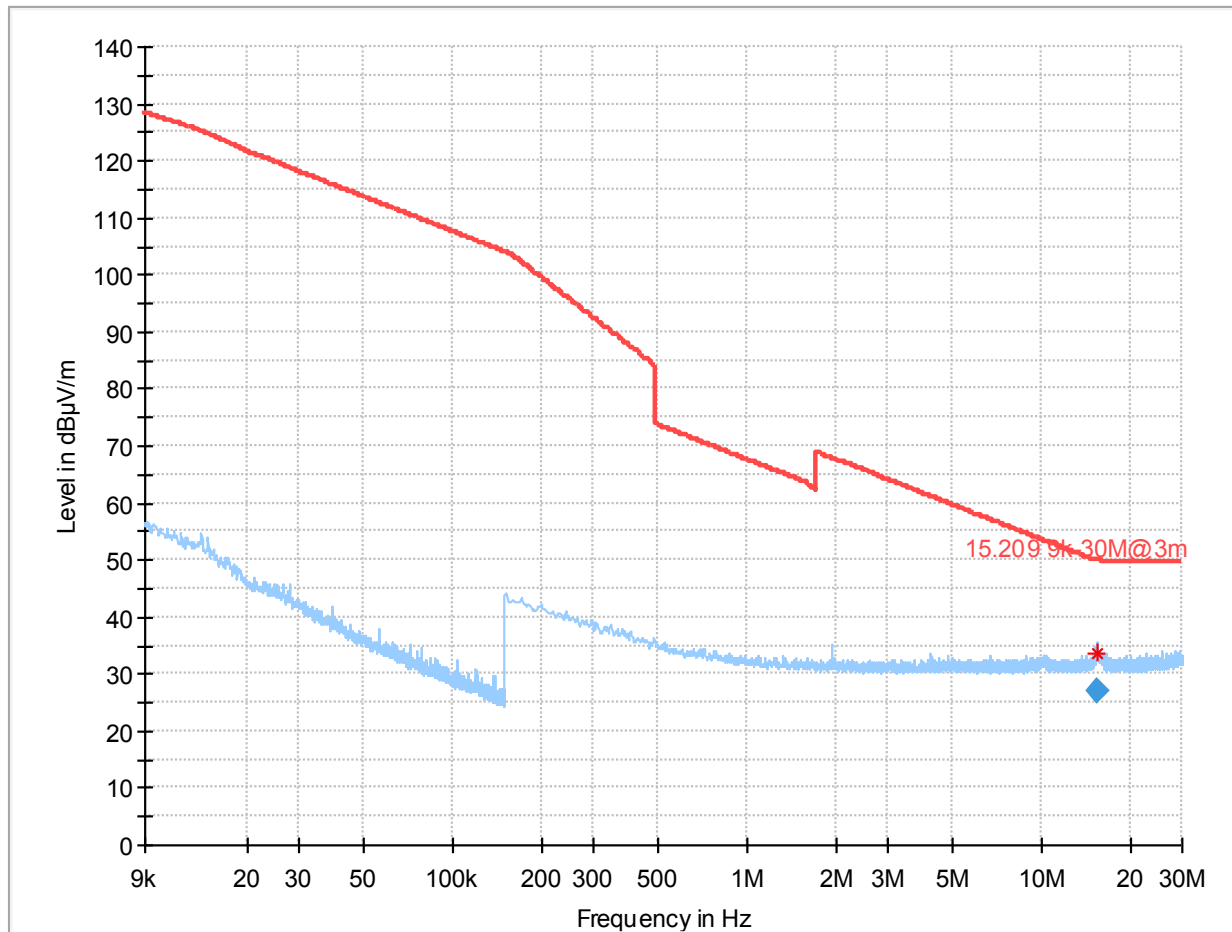
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
15.348750	24.26	50.04	25.78	100.0	9.000	H	81.0	20.5

Plot 237: Mode 1, RSE 9 kHz – 30 MHz, channel 140, loop antenna



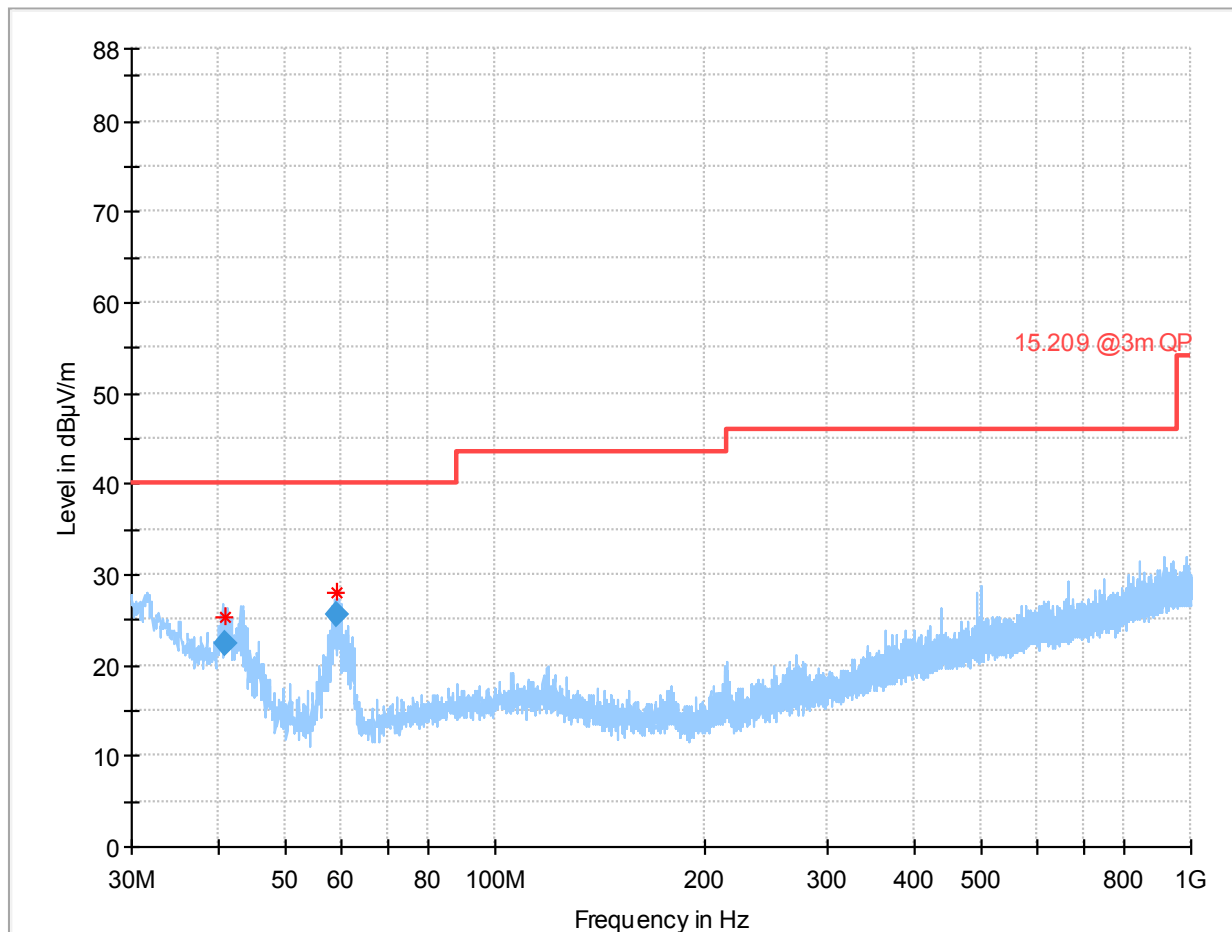
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
15.582750	25.14	50.03	24.89	100.0	9.000	V	240.0	20.5

Plot 238: Mode 1, RSE 9 kHz – 30 MHz, channel 144, loop antenna



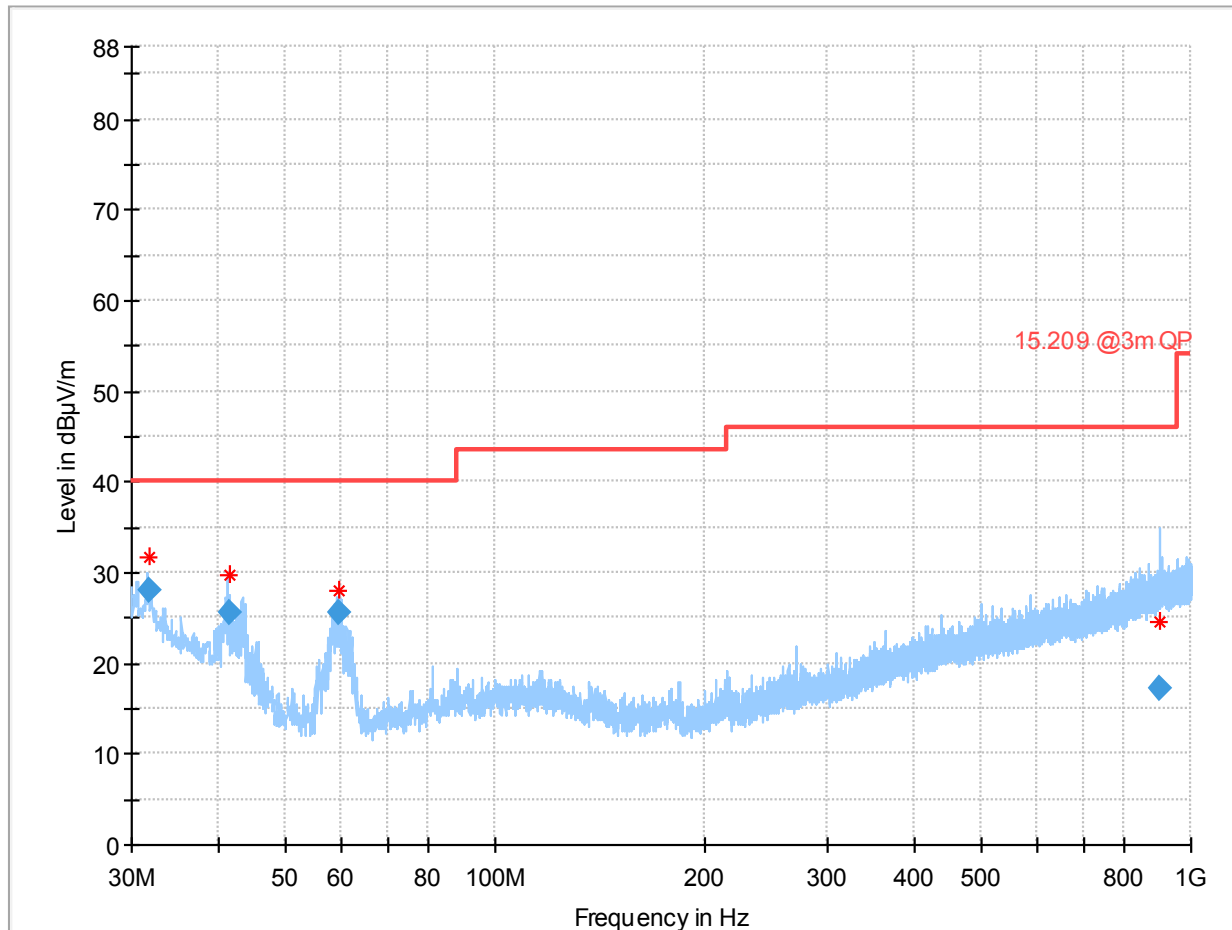
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
15.364500	26.83	50.04	23.21	100.0	9.000	H	30.0	20.5

239: Mode 1, RSE 30 MHz – 1 GHz, channel 100, horizontal / vertical polarisation



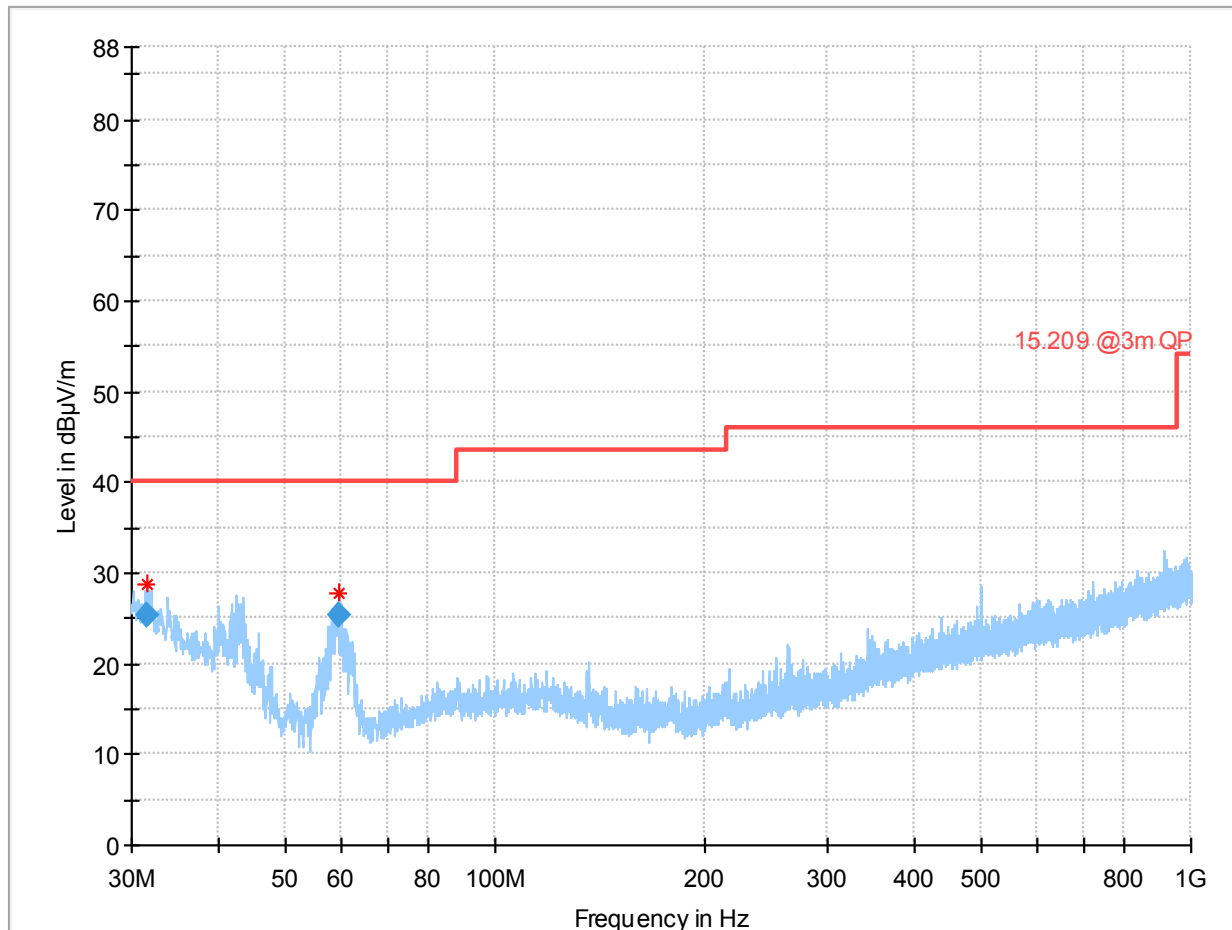
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
40.776000	22.41	40.00	17.59	100.0	120.000	100.0	V	160.0
59.172000	25.65	40.00	14.35	100.0	120.000	100.0	V	16.0

240: Mode 1, RSE 30 MHz – 1 GHz, channel 140, horizontal / vertical polarisation



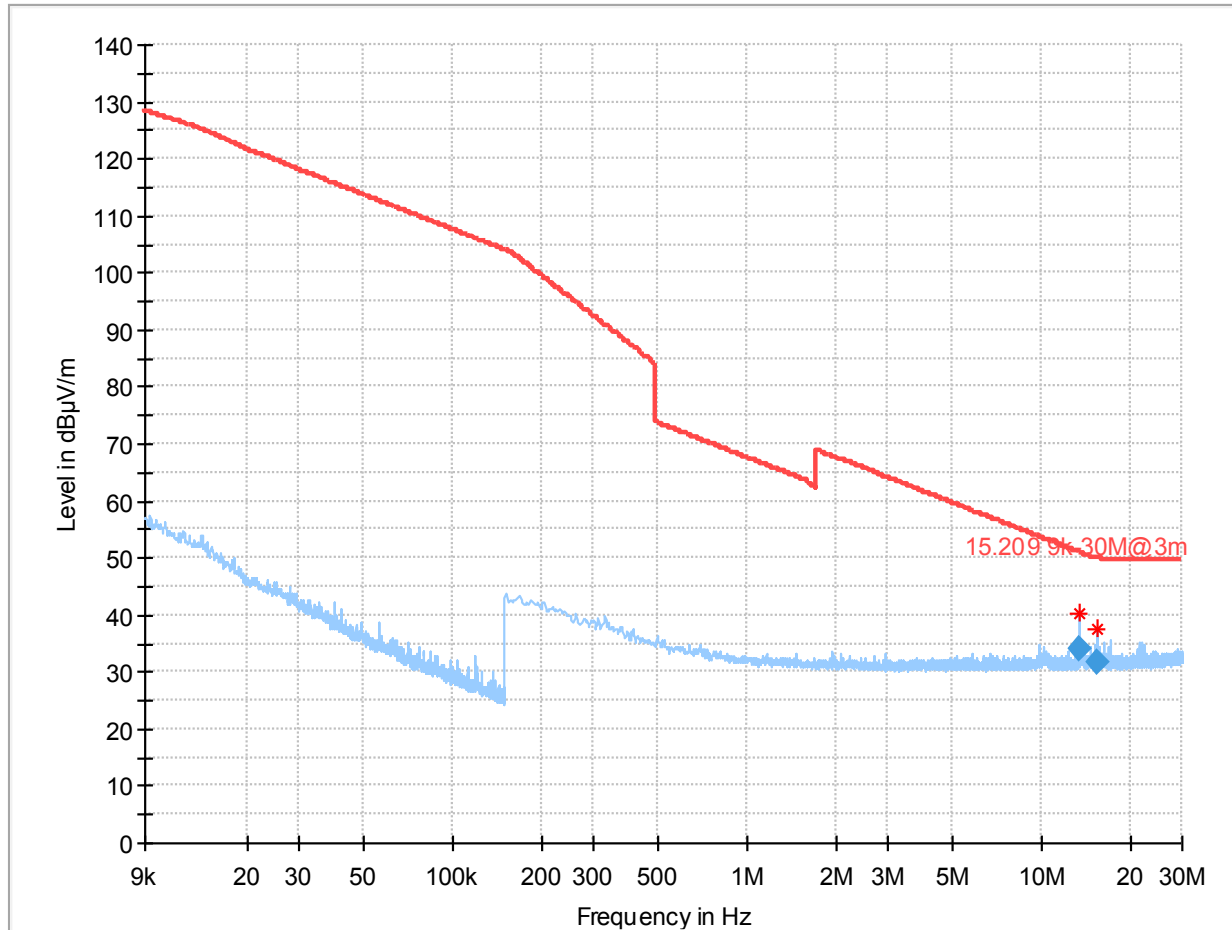
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.850500	27.94	40.00	12.06	100.0	120.000	345.0	H	165.0
41.528500	25.58	40.00	14.42	100.0	120.000	103.0	H	77.0
59.682000	25.52	40.00	14.48	100.0	120.000	148.0	V	55.0
900.805500	17.18	46.00	28.82	100.0	120.000	327.0	H	15.0

241: Mode 1, RSE 30 MHz – 1 GHz, channel 144, horizontal / vertical polarisation



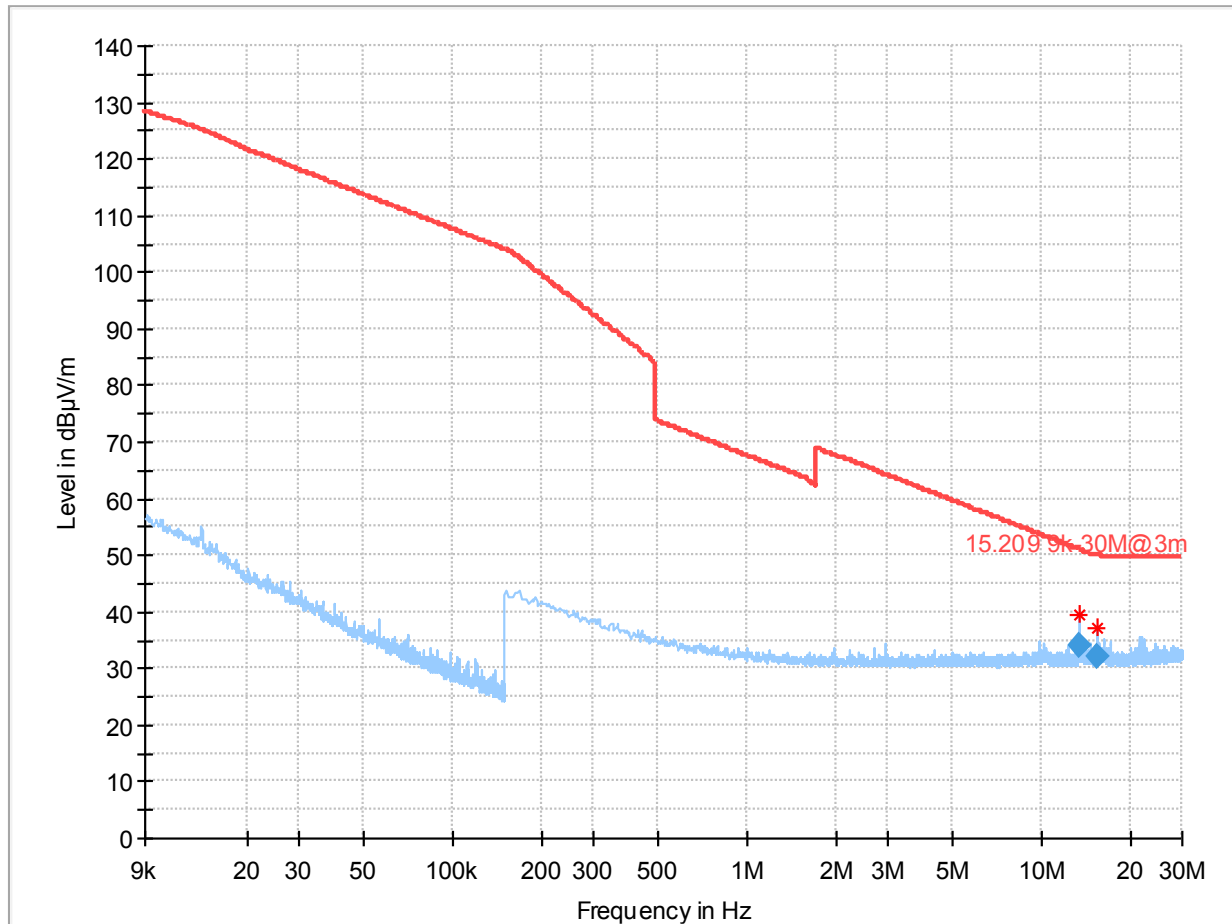
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.600500	25.39	40.00	14.61	100.0	120.000	345.0	V	163.0
59.407000	25.39	40.00	14.61	100.0	120.000	121.0	V	317.0

Plot 242: Mode 1, RSE 9 kHz – 30 MHz, channel 149, loop antenna



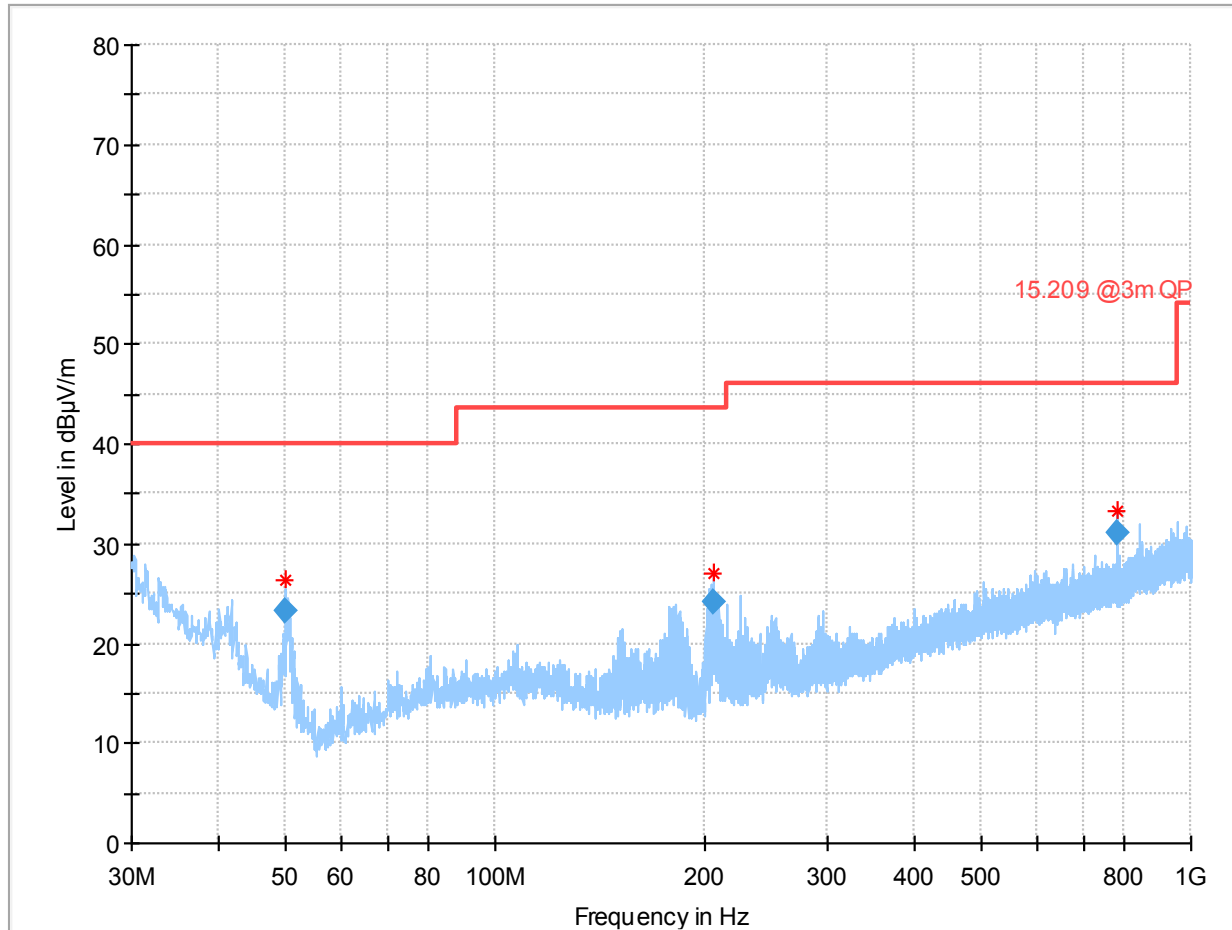
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	33.83	50.94	17.11	100.0	9.000	H	300.0	20.5
15.551250	31.51	50.03	18.52	100.0	9.000	H	300.0	20.5

Plot 243: Mode 1, RSE 9 kHz – 30 MHz, channel 165, loop antenna



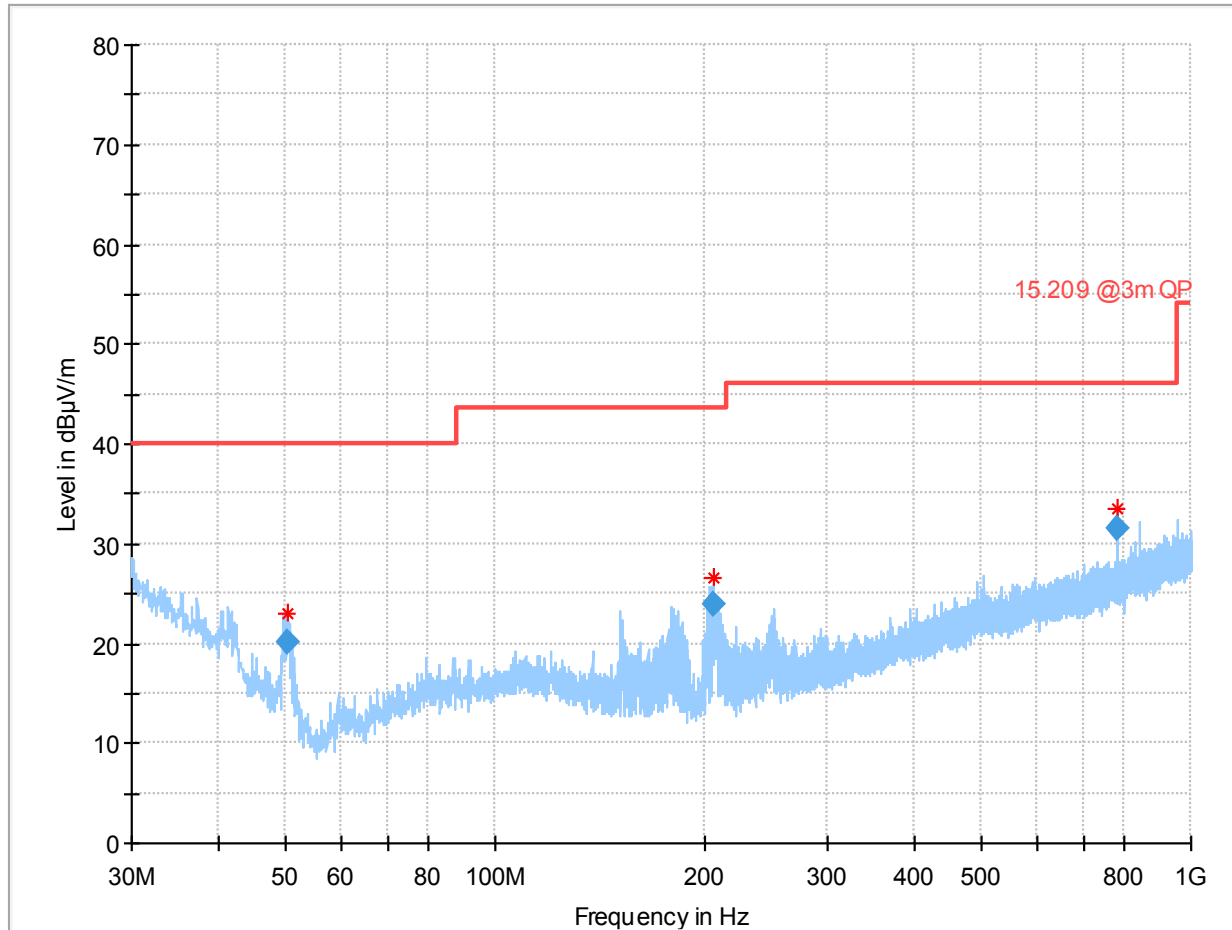
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	33.87	50.94	17.07	100.0	9.000	V	-8.0	20.5
15.551250	32.03	50.03	18.00	100.0	9.000	V	60.0	20.5

: Mode 1, RSE 30 MHz – 1 GHz, channel 149, horizontal / vertical polarisation



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
49.982000	23.33	40.00	16.67	100.0	120.000	100.0	V	34.0
205.677000	24.03	43.50	19.47	100.0	120.000	100.0	V	29.0
785.702000	30.99	46.00	15.01	100.0	120.000	100.0	H	83.0

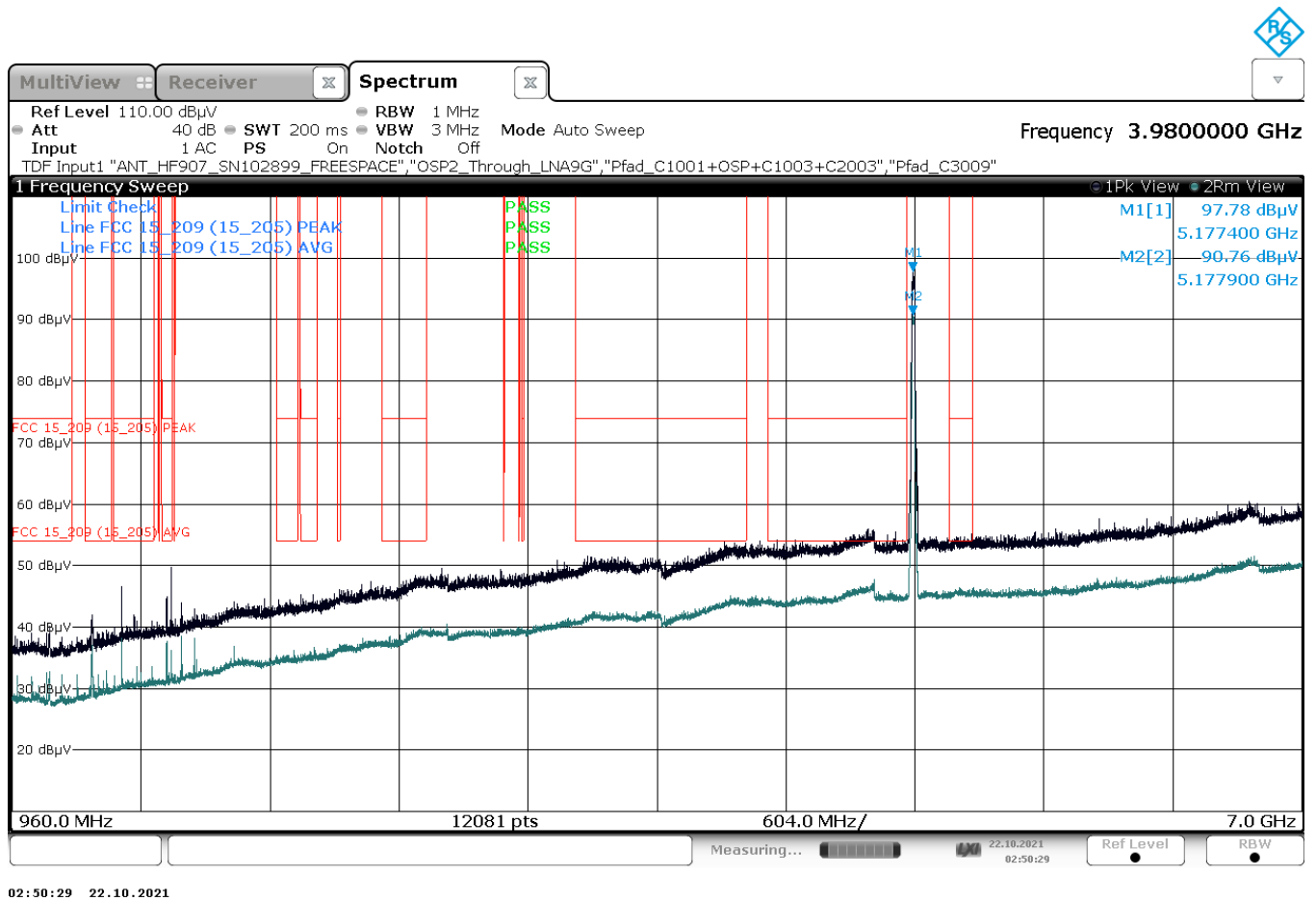
Mode 1, RSE 30 MHz – 1 GHz, channel 165, horizontal / vertical polarisation



Frequen- cy	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
50.224500	20.22	40.00	19.78	100.0	120.000	103.0	V	235.0
205.426000	23.91	43.50	19.59	100.0	120.000	100.0	V	52.0
785.702000	31.44	46.00	14.56	100.0	120.000	103.0	V	312.0

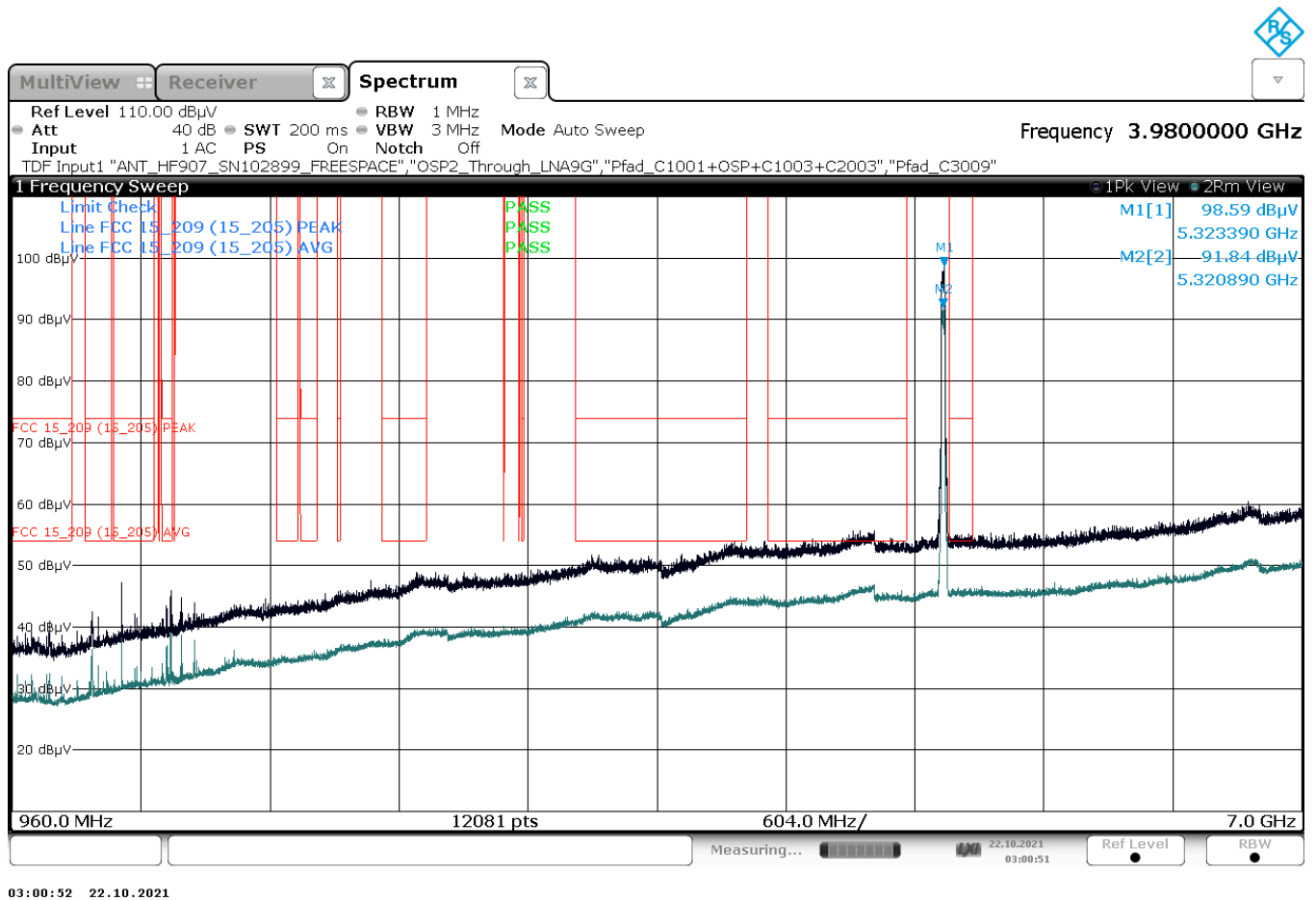
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Plot 244: Mode 1, RSE 1 GHz – 7 GHz, channel 36, horizontal / vertical polarisation



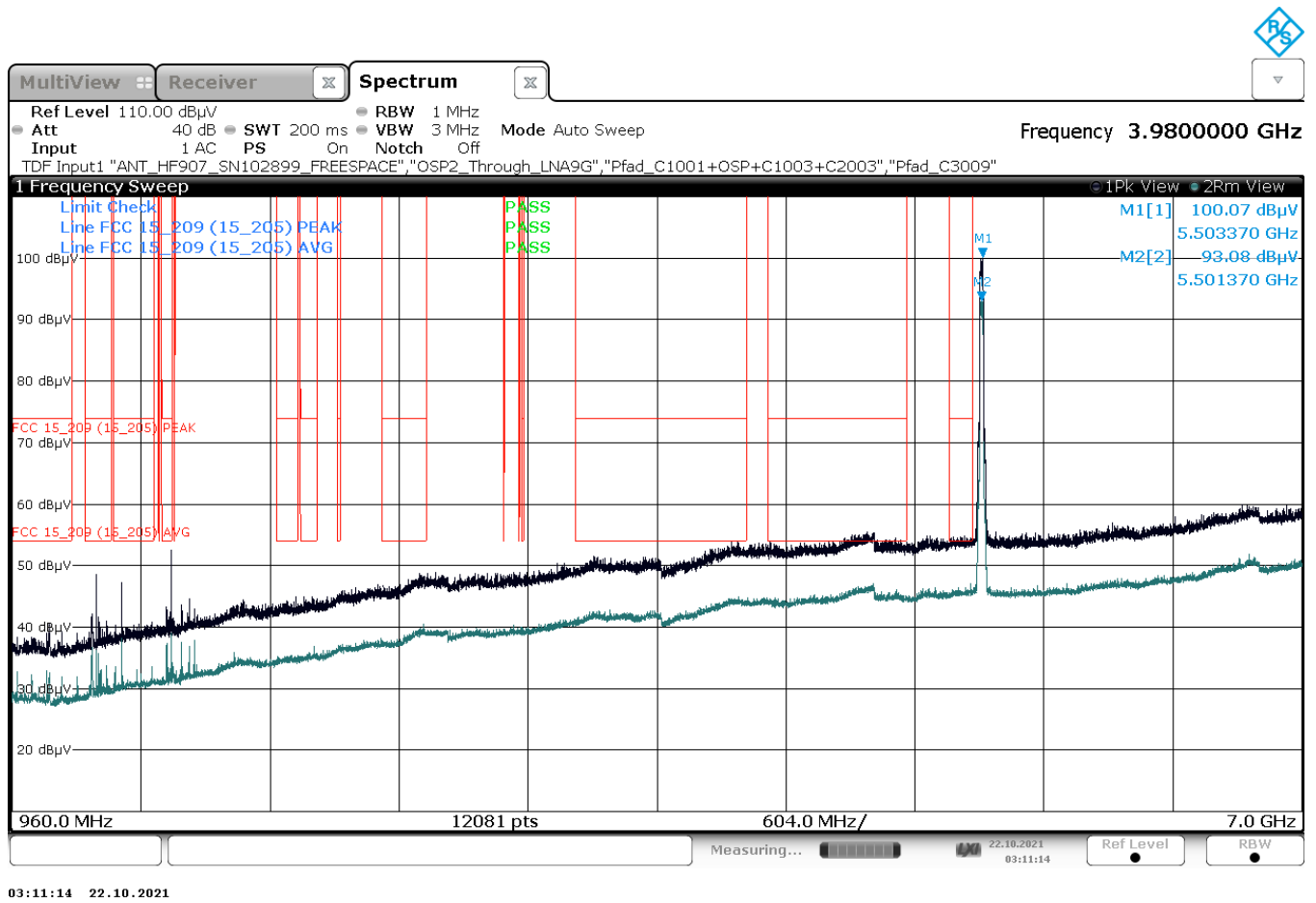
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Plot 245: Mode 1, RSE 1 GHz – 7 GHz, channel 64, horizontal / vertical polarisation



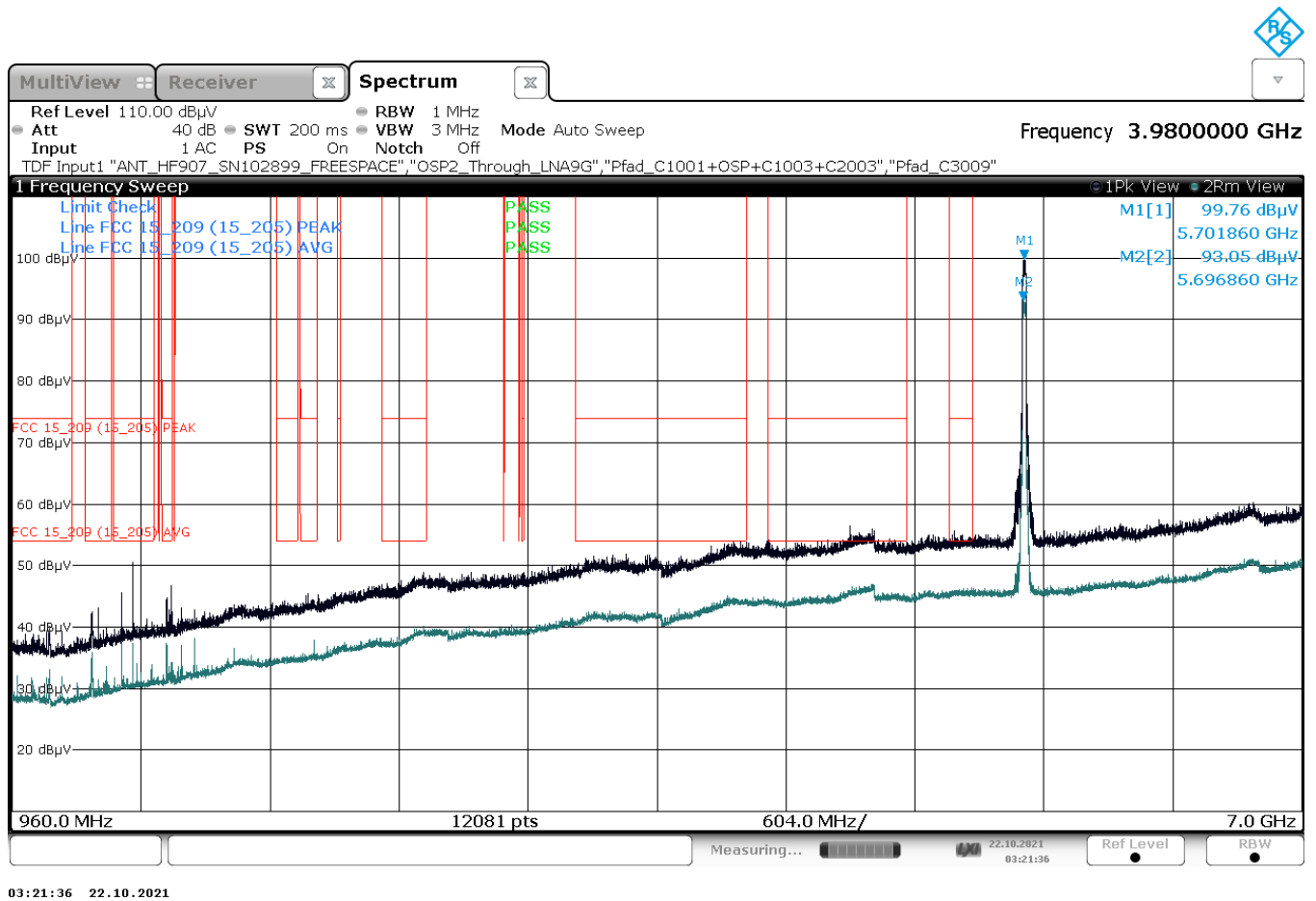
Annex A of TR no.: 21086128-23003-1

Plot 246: Mode 1, RSE 1 GHz – 7 GHz, channel 100, horizontal / vertical polarisation



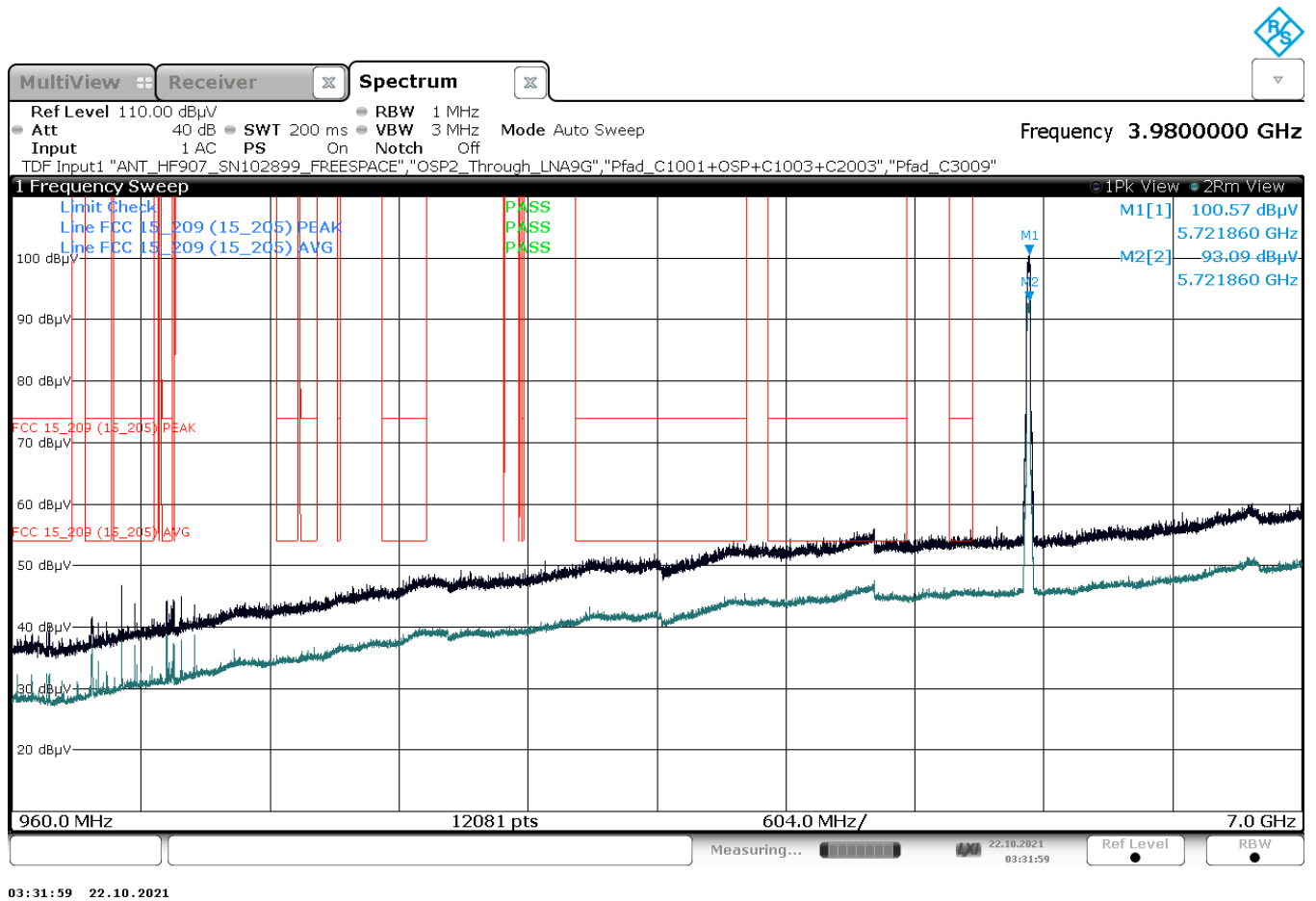
Annex A of TR no.: 21086128-23003-1

Plot 247: Mode 1, RSE 1 GHz – 7 GHz, channel 140, horizontal / vertical polarisation



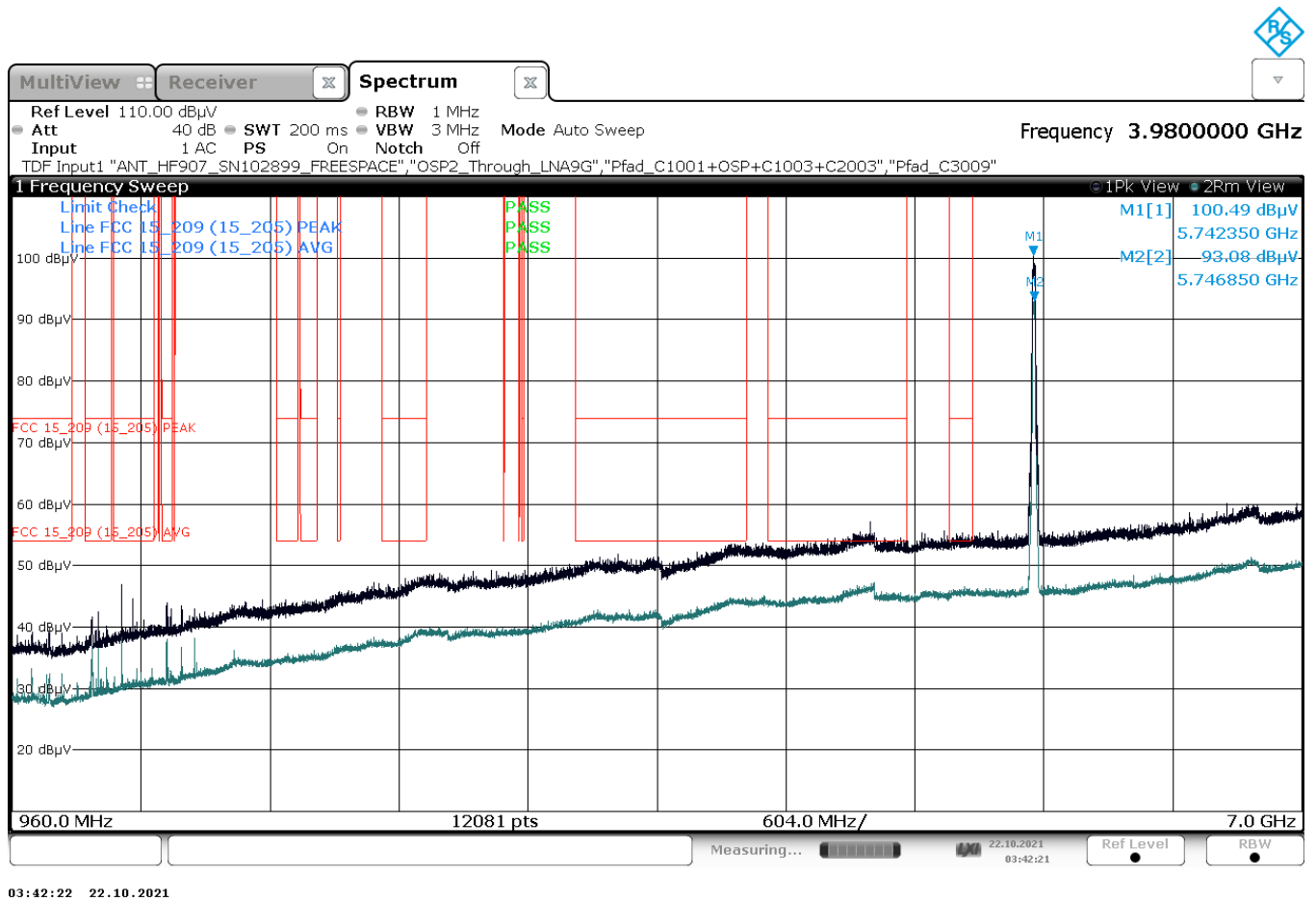
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Plot 248: Mode 1, RSE 1 GHz – 7 GHz, channel 144, horizontal / vertical polarisation



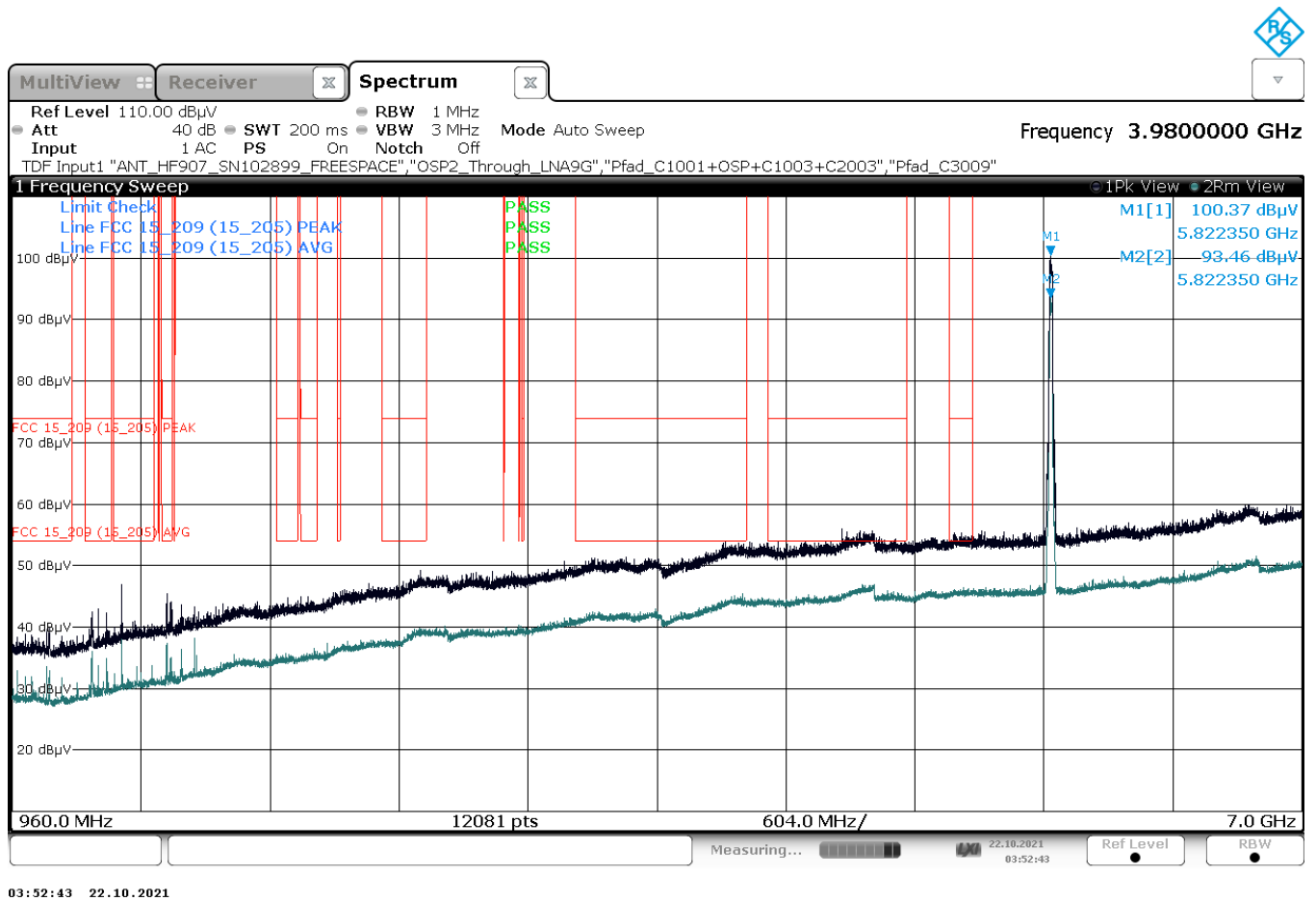
Annex A of TR no.: 21086128-23003-1

Plot 249: Mode 1, RSE 1 GHz – 7 GHz, channel 149, horizontal / vertical polarisation

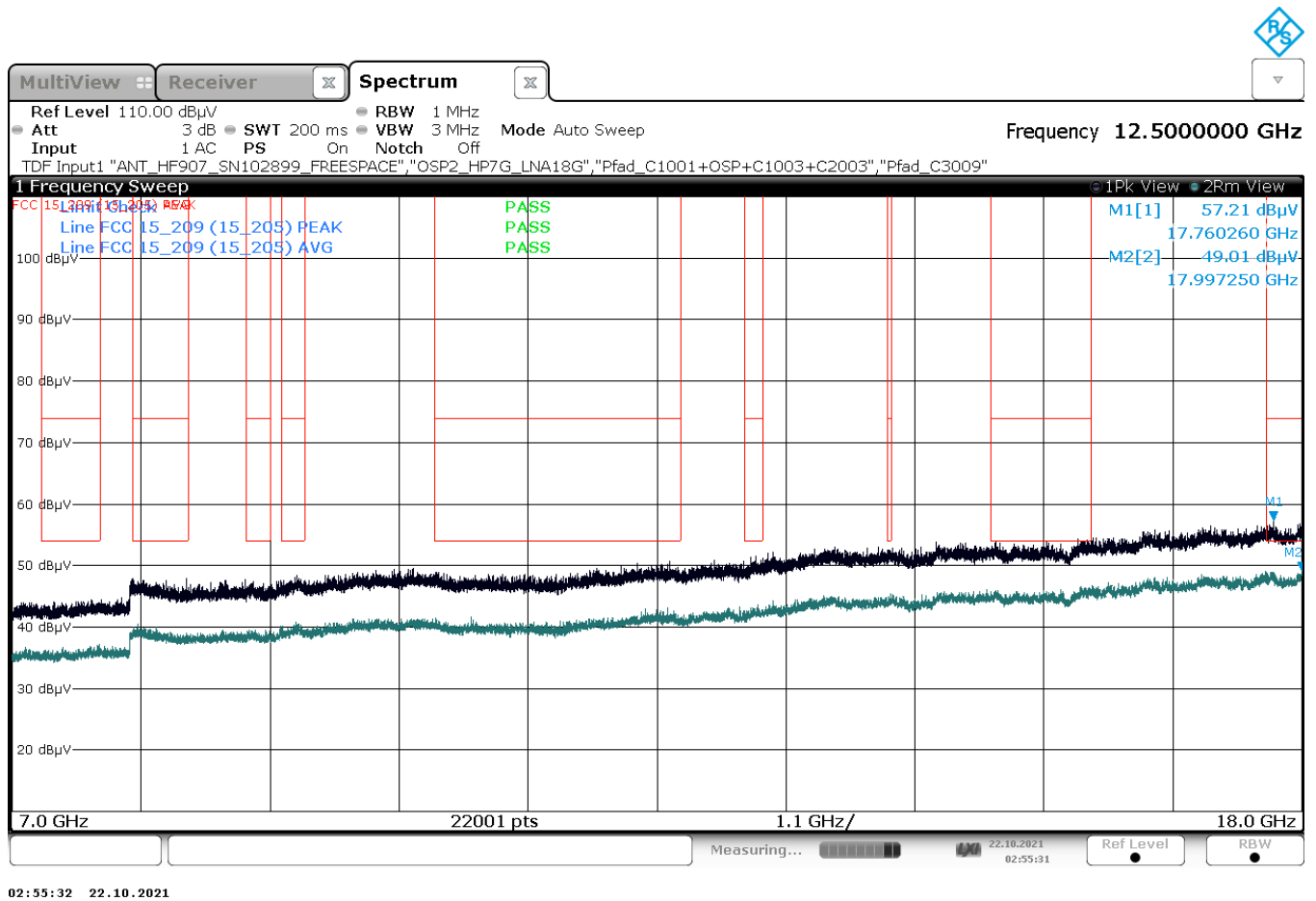


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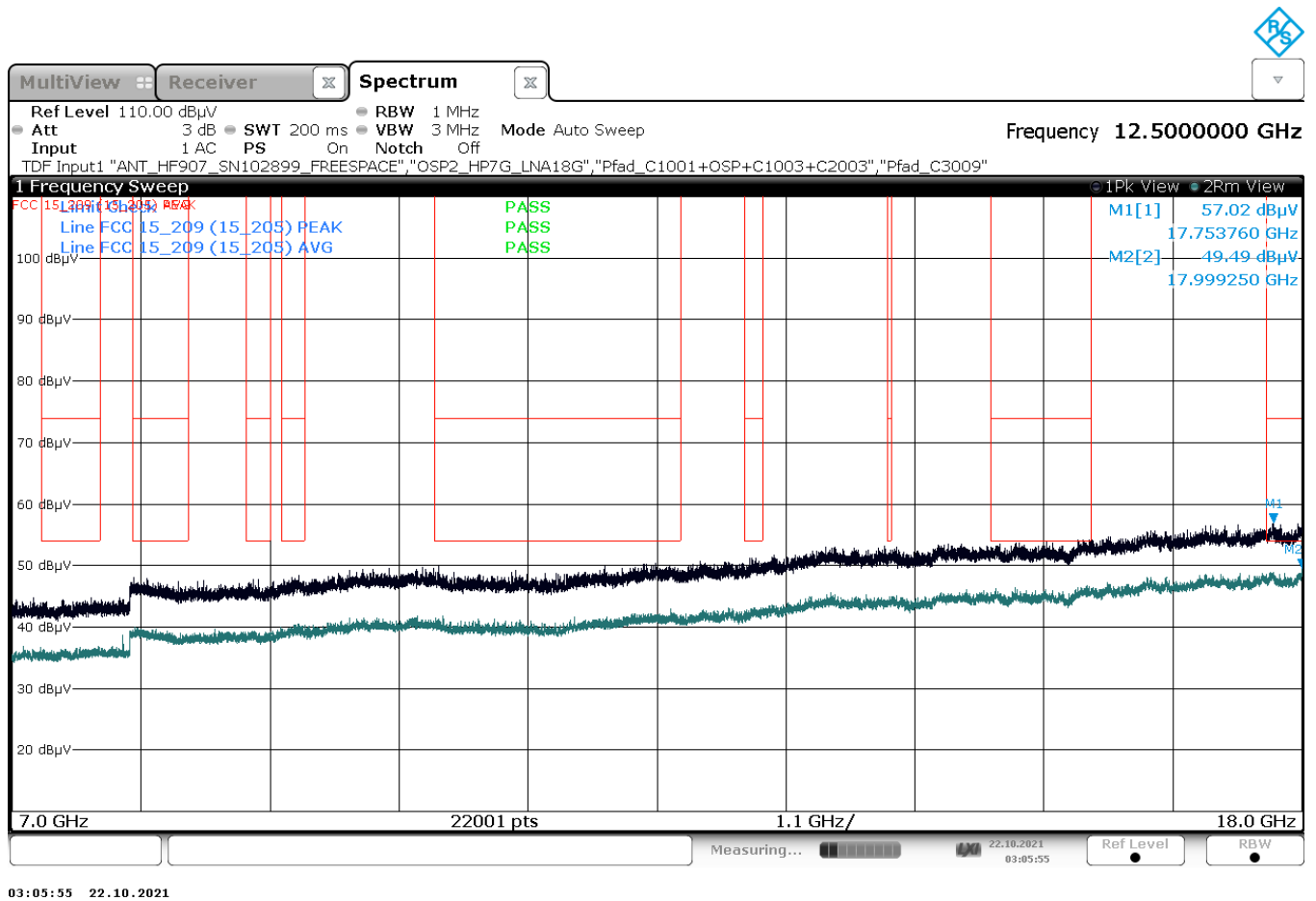
Plot 250: Mode 1, RSE 1 GHz – 7 GHz, channel 165, horizontal / vertical polarisation



Plot 251: Mode 1, RSE 7 GHz – 18 GHz, channel 36, horizontal / vertical polarisation

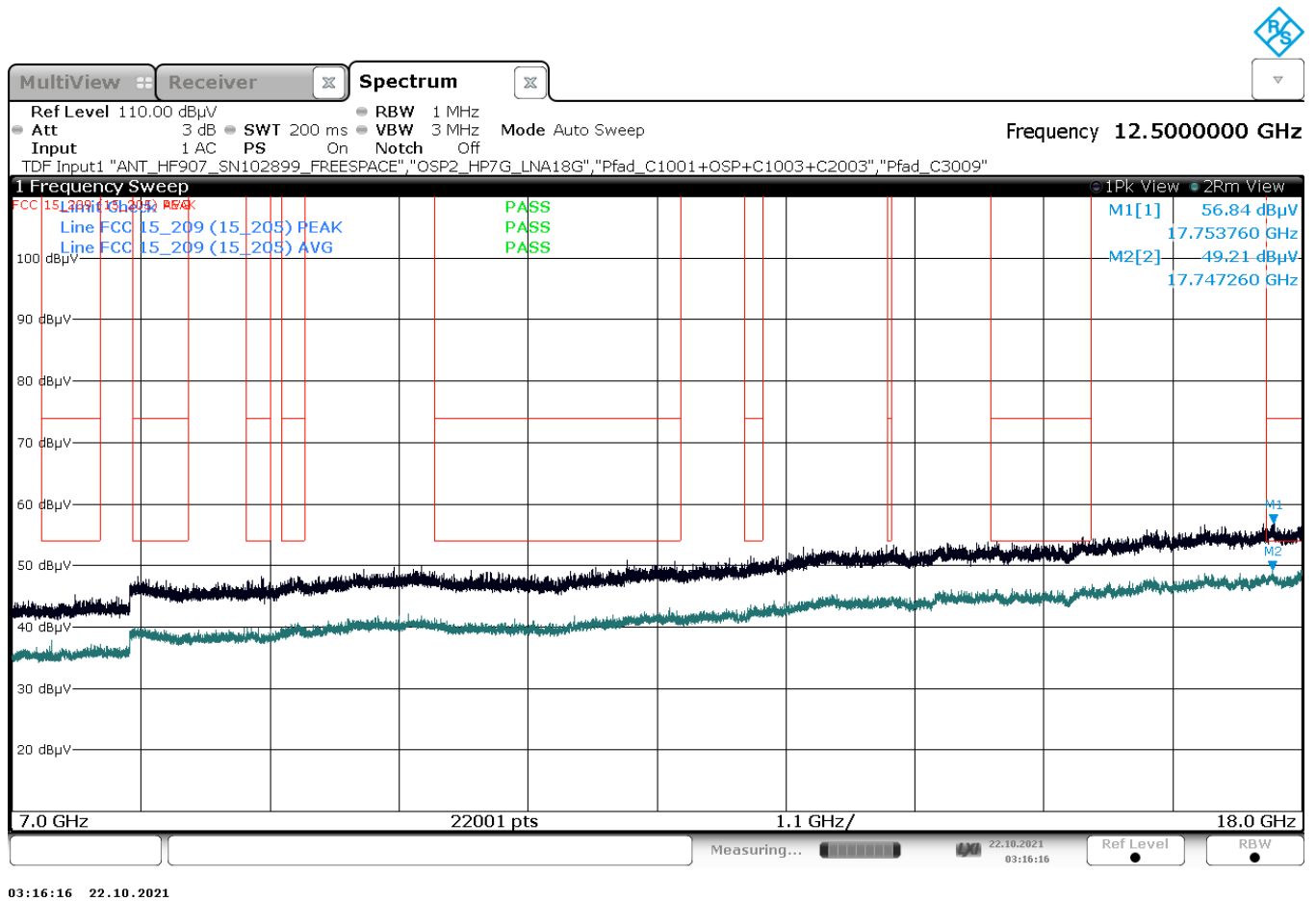


Plot 252: Mode 1, RSE 7 GHz – 18 GHz, channel 64, horizontal / vertical polarisation

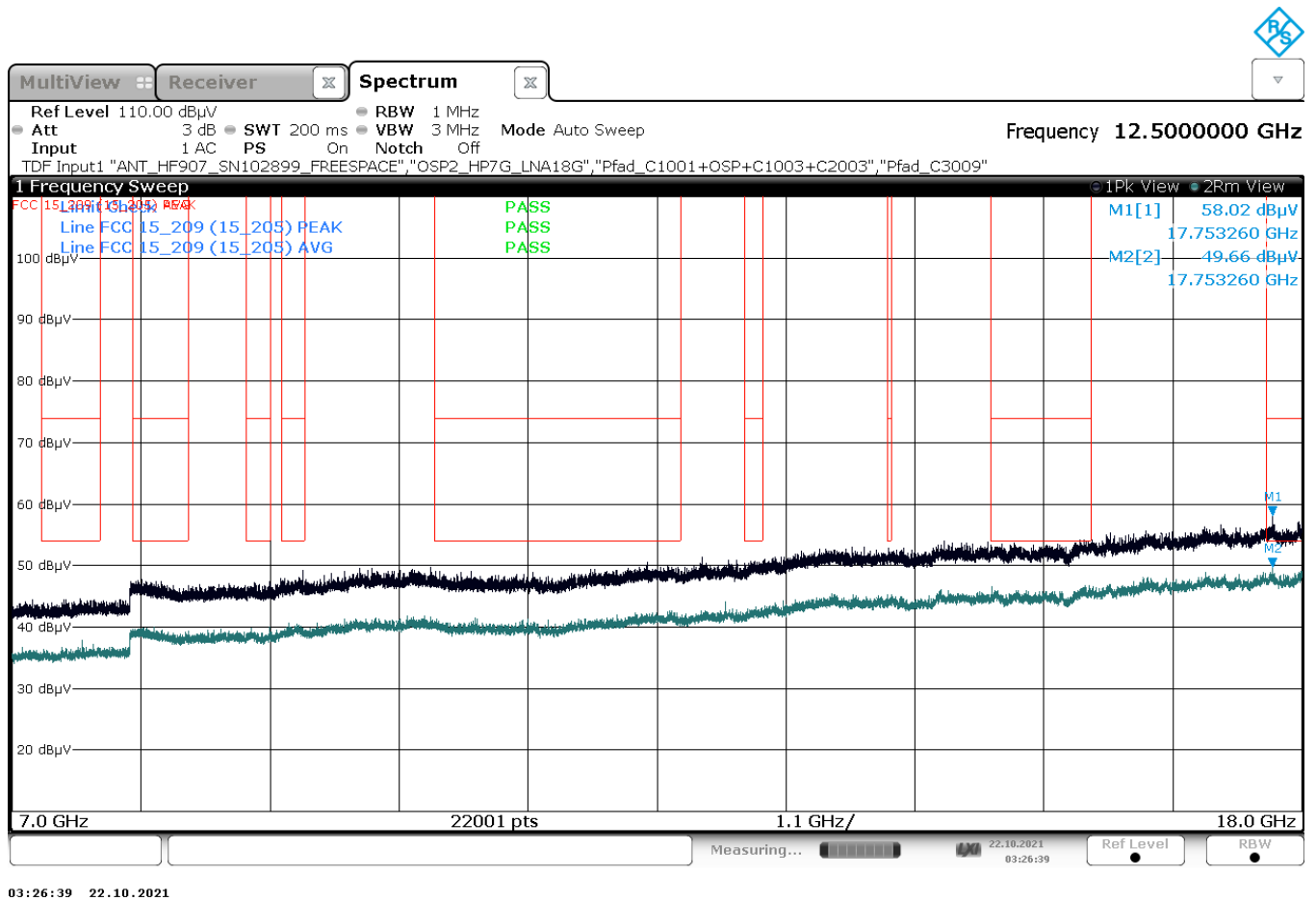


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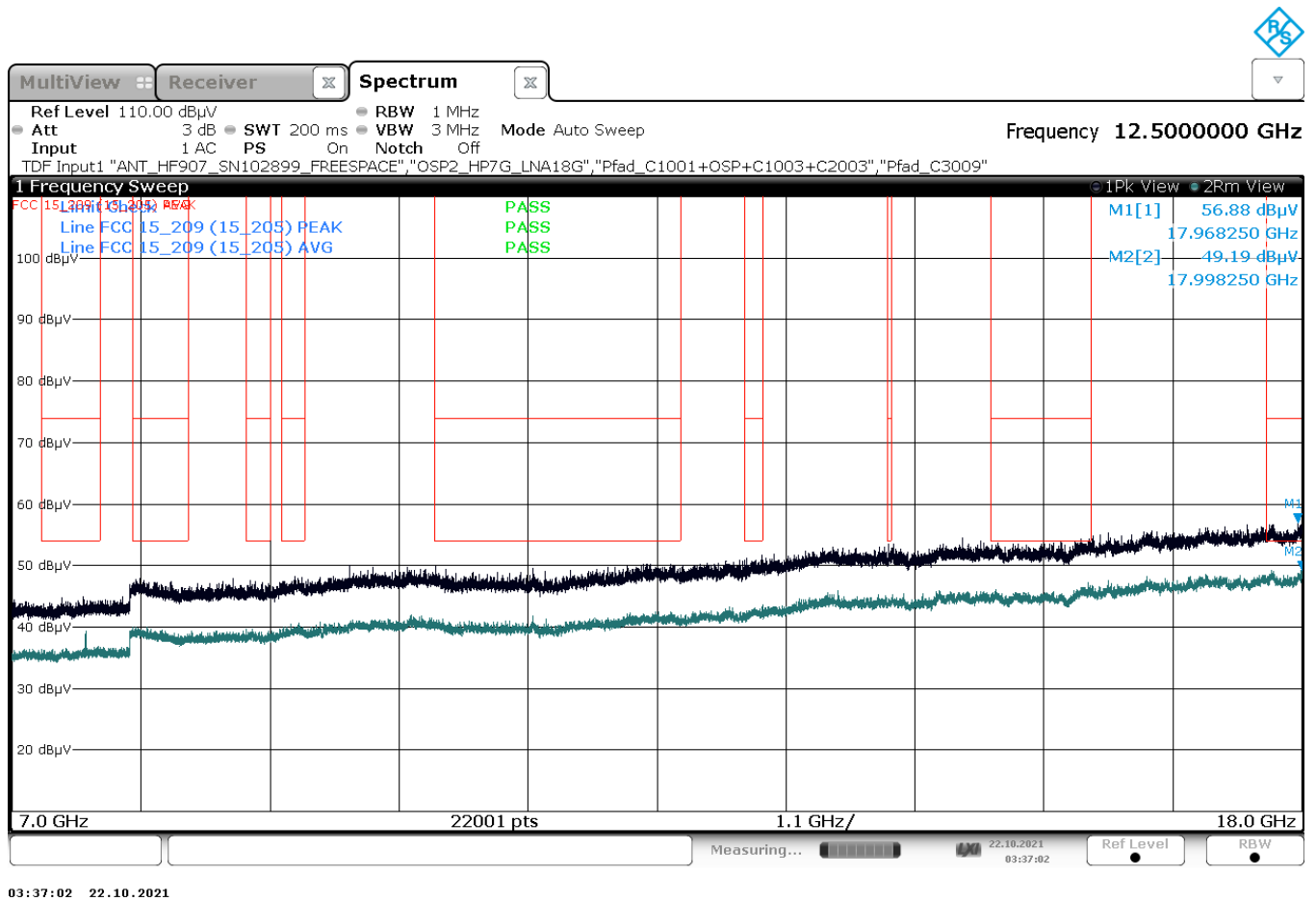
Plot 253: Mode 1, RSE 7 GHz – 18 GHz, channel 100, horizontal / vertical polarisation



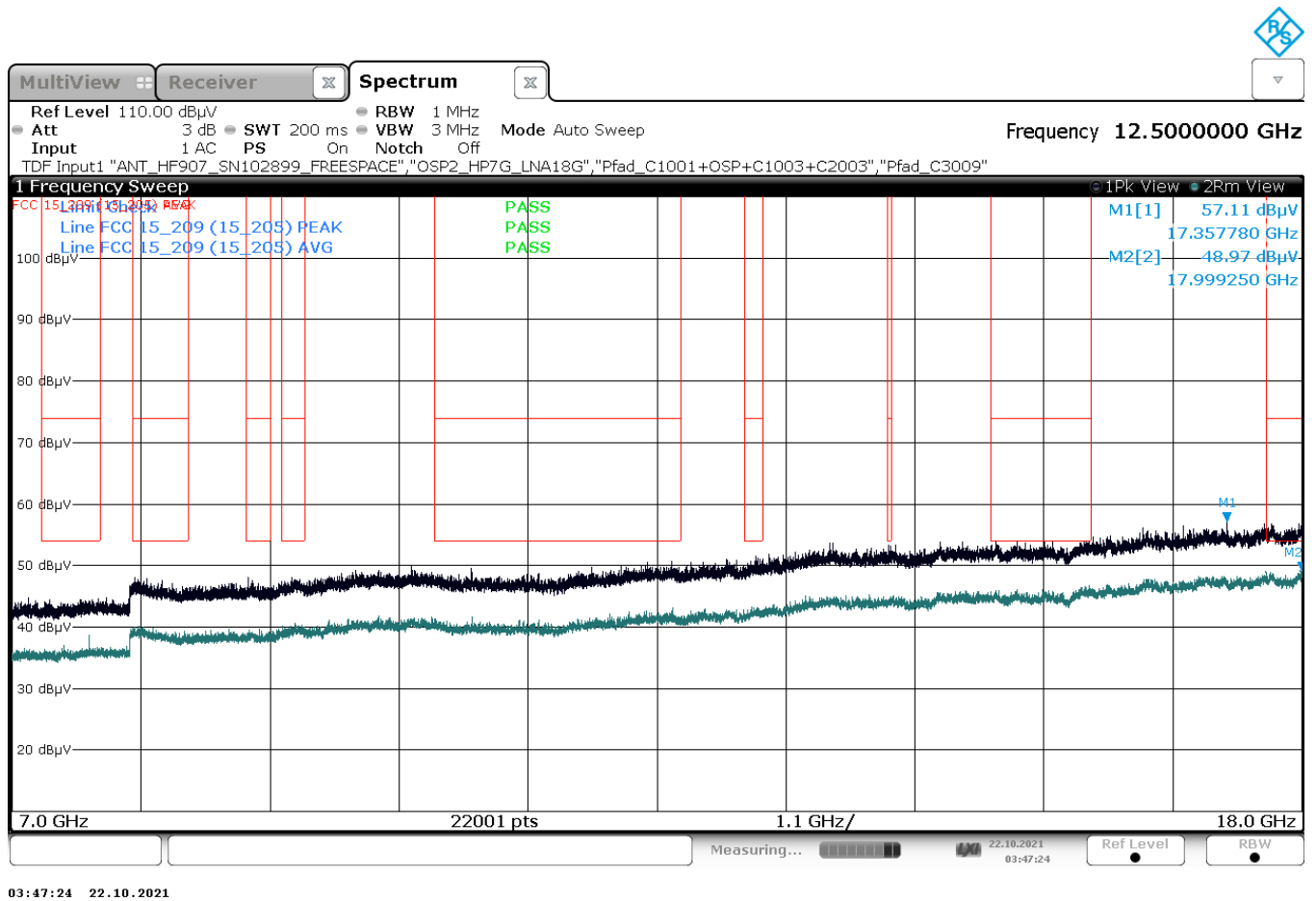
Plot 254: Mode 1, RSE 7 GHz – 18 GHz, channel 140, horizontal / vertical polarisation



Plot 255: Mode 1, RSE 7 GHz – 18 GHz, channel 144, horizontal / vertical polarisation

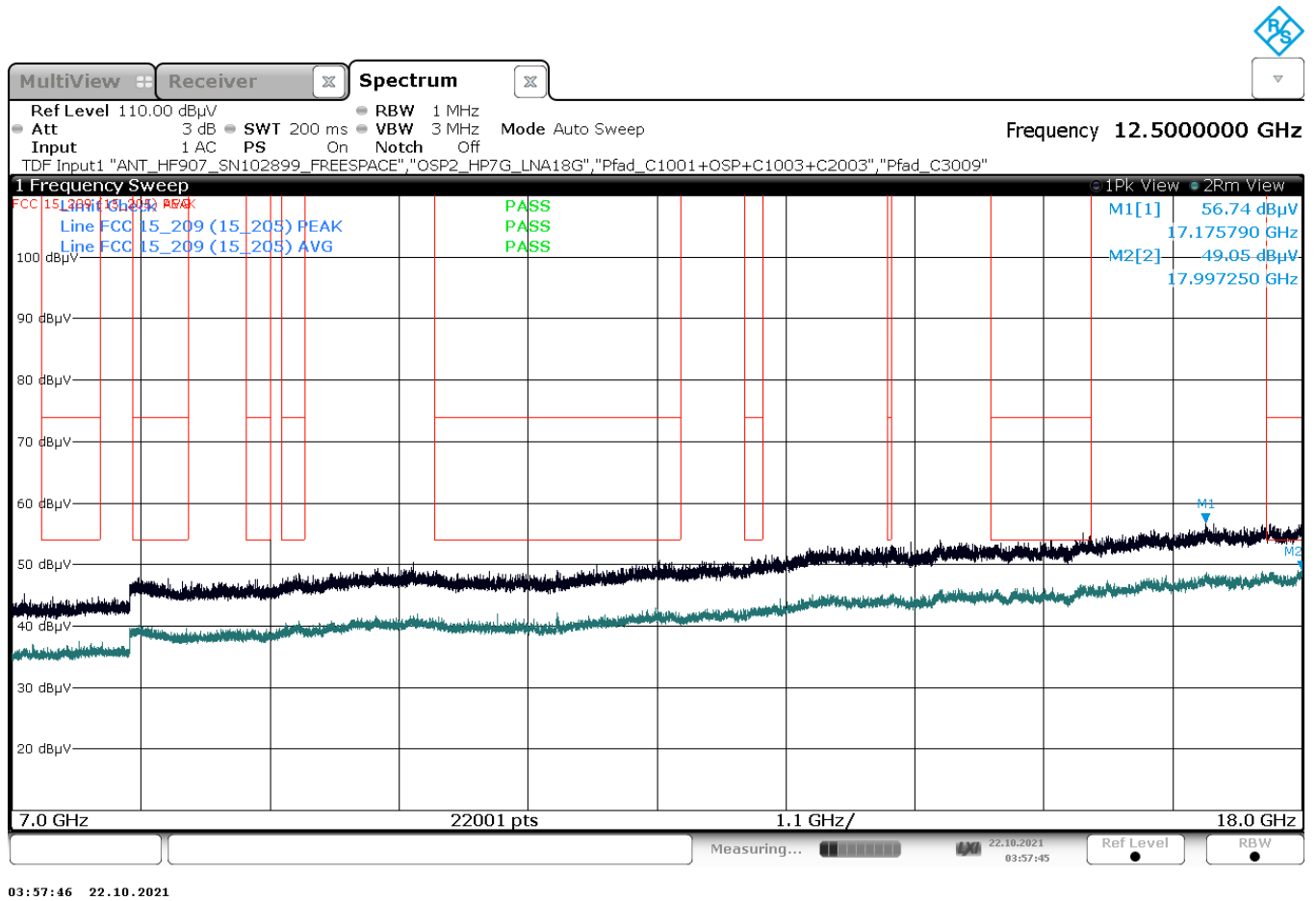


Plot 256: Mode 1, RSE 7 GHz – 18 GHz, channel 149, horizontal / vertical polarisation



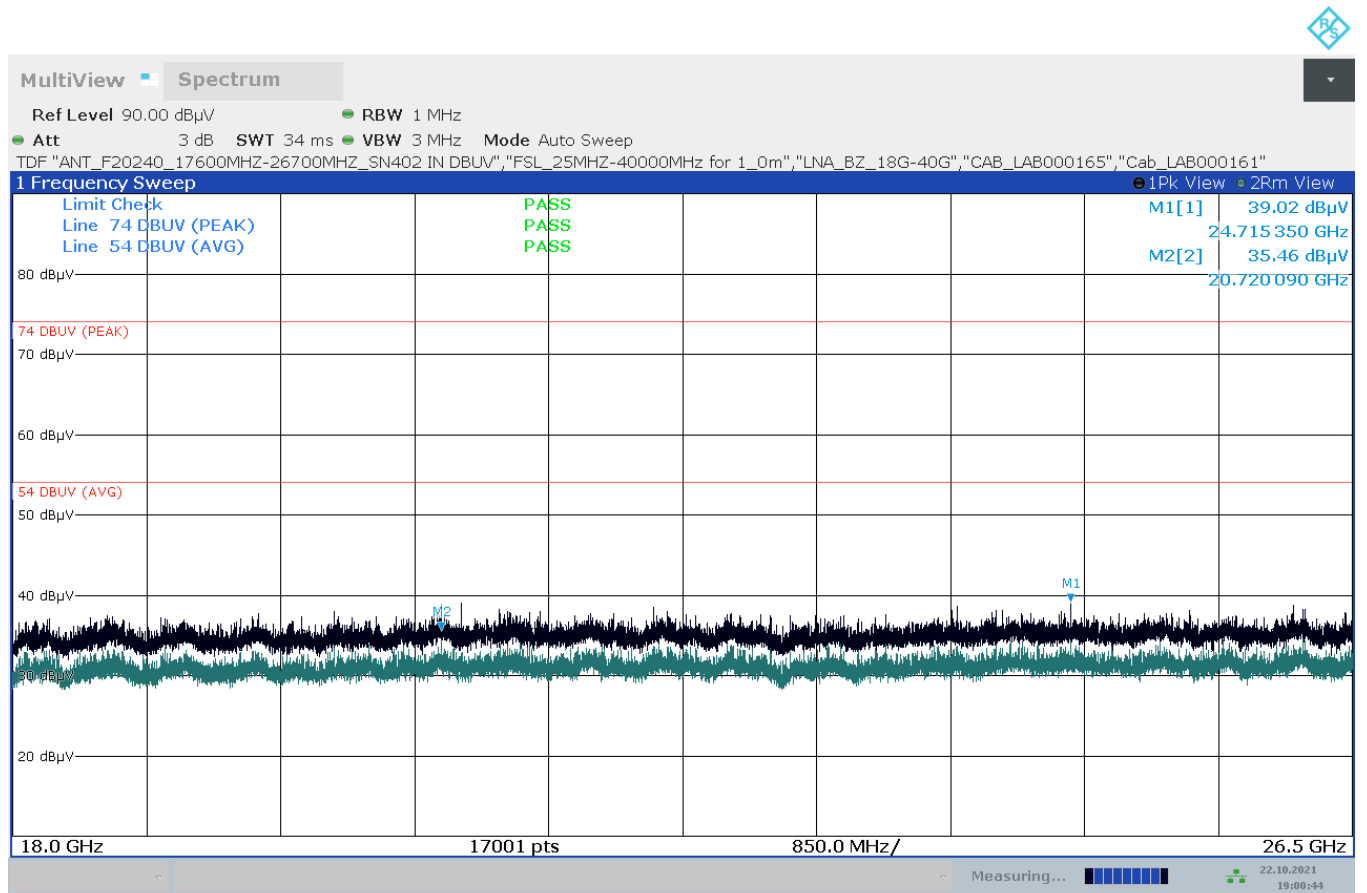
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Plot 257: Mode 1, RSE 7 GHz – 18 GHz, channel 165, horizontal / vertical polarisation



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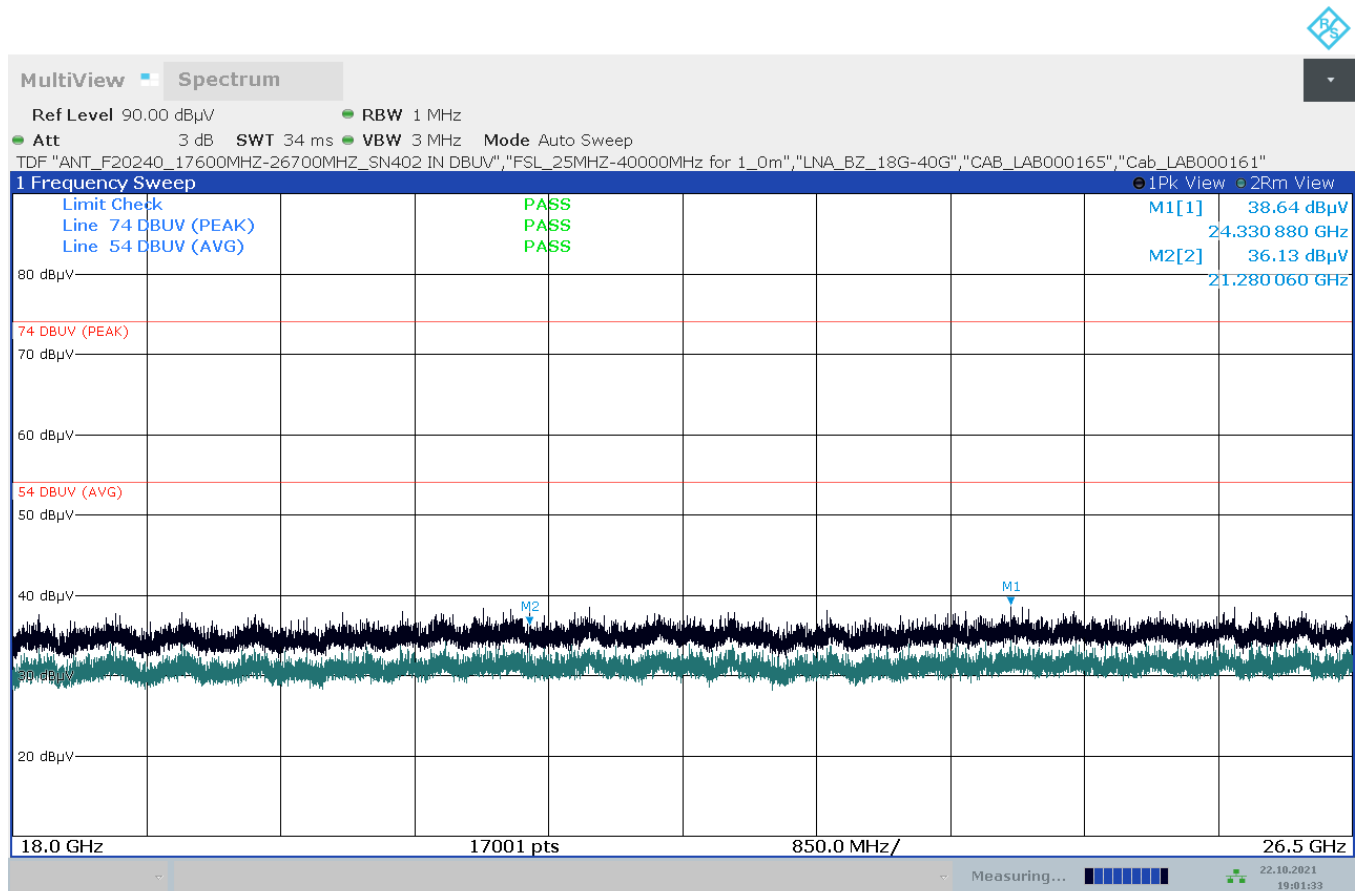
Plot 258: Mode 1, RSE 18 GHz – 26.5 GHz, channel 36, horizontal / vertical polarisation



19:00:44 22.10.2021

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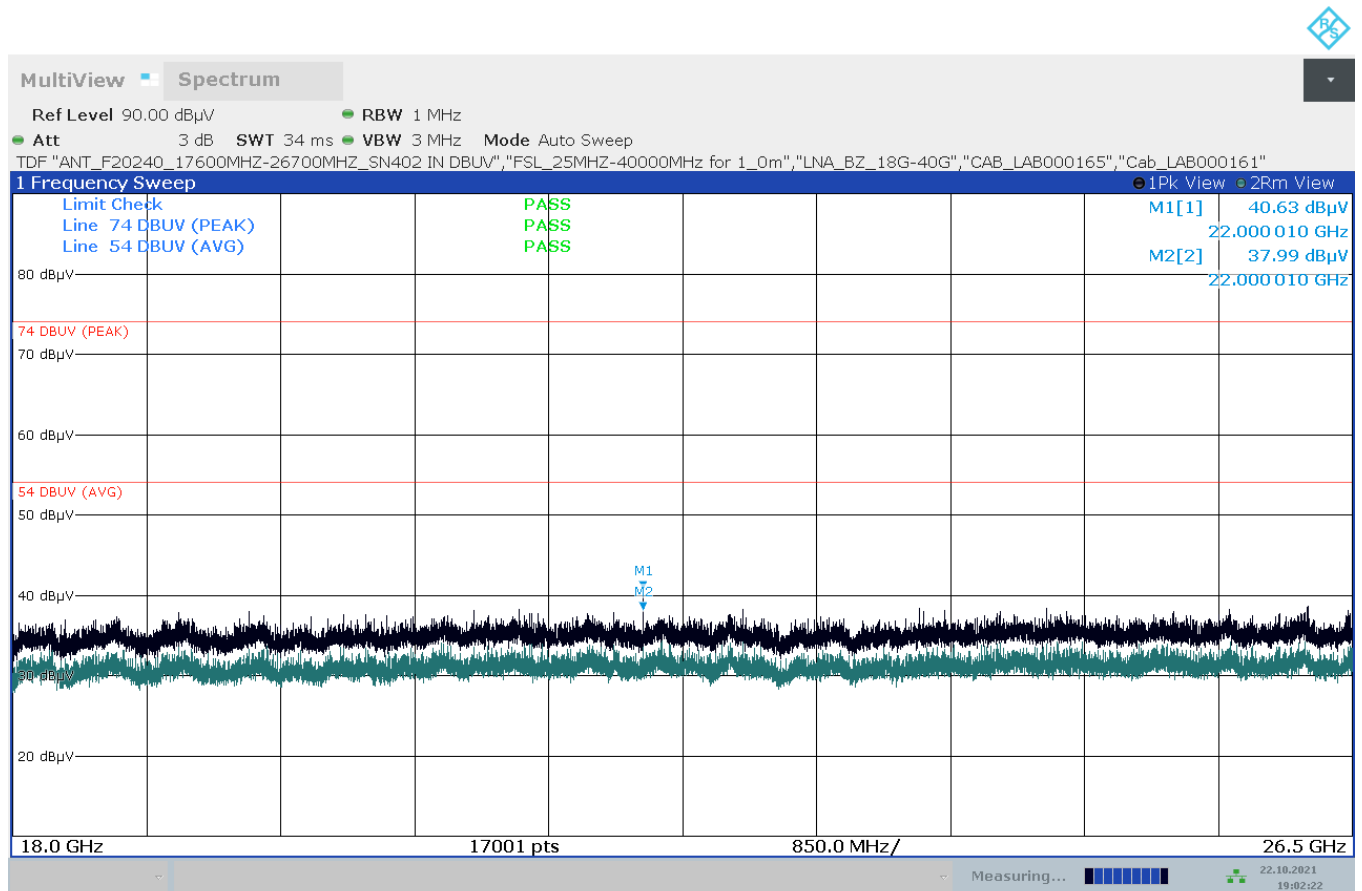
Plot 259: Mode 1, RSE 18 GHz – 26.5 GHz, channel 64, horizontal / vertical polarisation



19:01:33 22.10.2021

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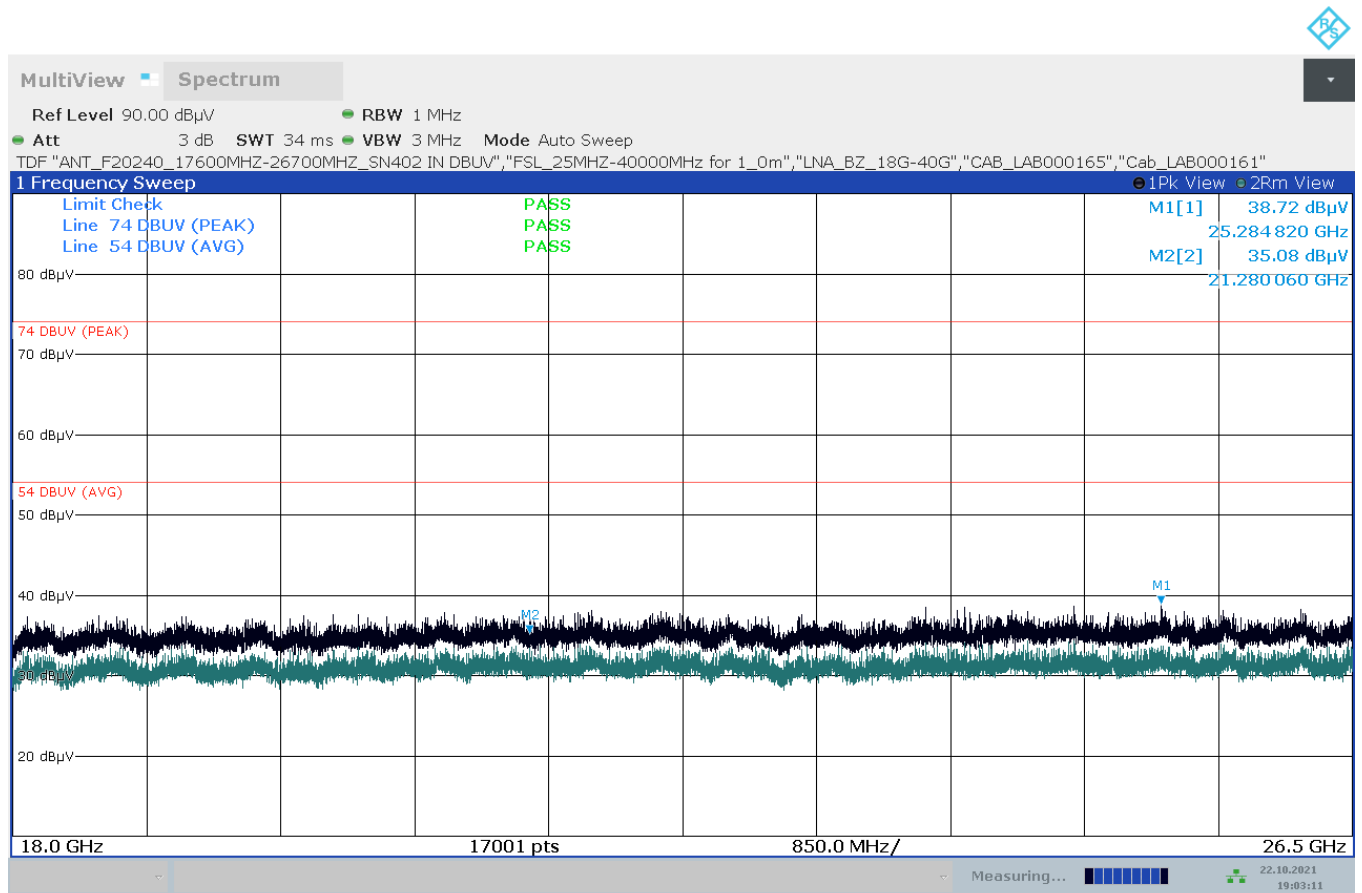
Plot 260: Mode 1, RSE 18 GHz – 26.5 GHz, channel 100, horizontal / vertical polarisation



19:02:22 22.10.2021

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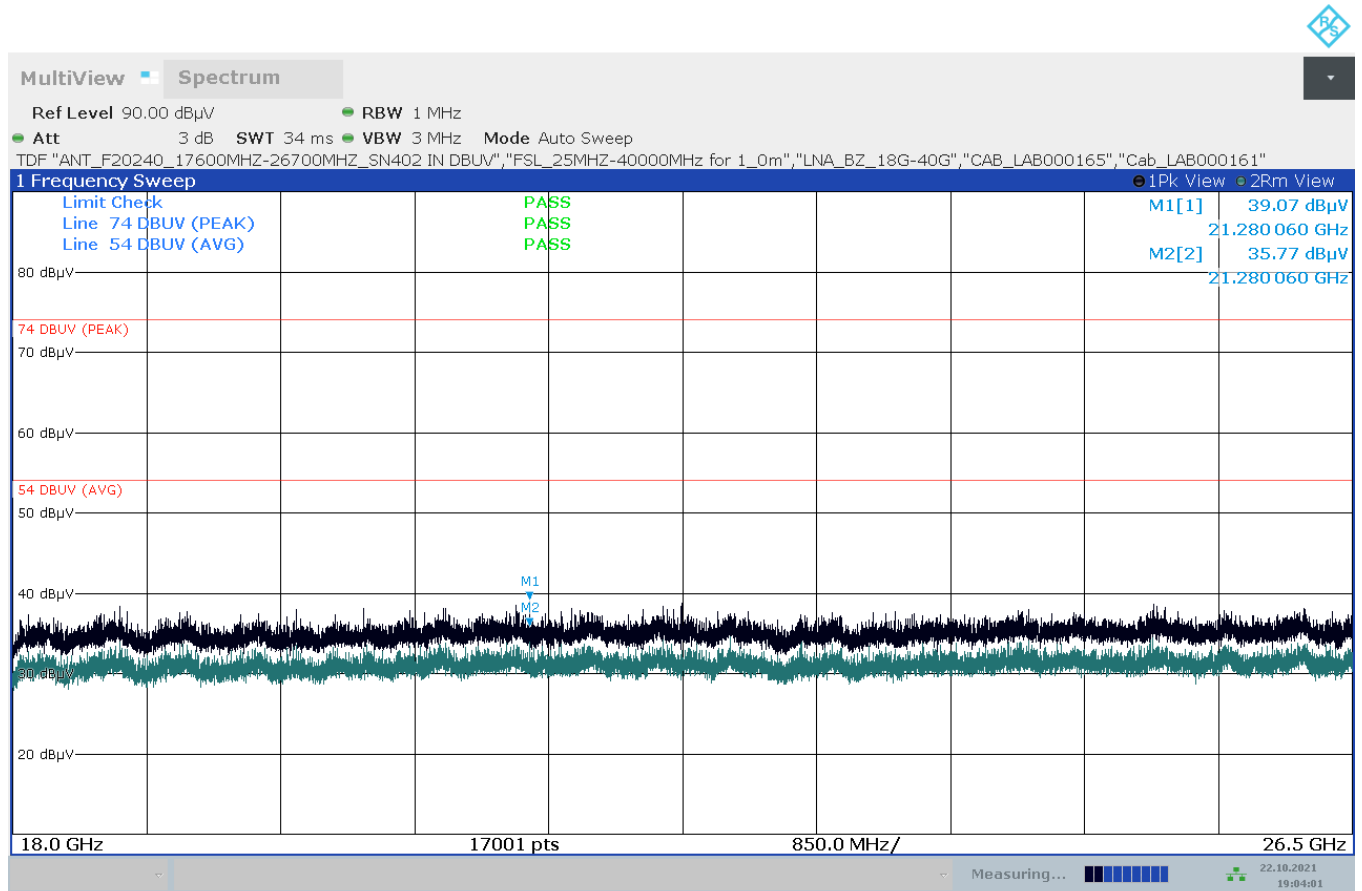
Plot 261: Mode 1, RSE 18 GHz – 26.5 GHz, channel 140, horizontal / vertical polarisation



19:03:11 22.10.2021

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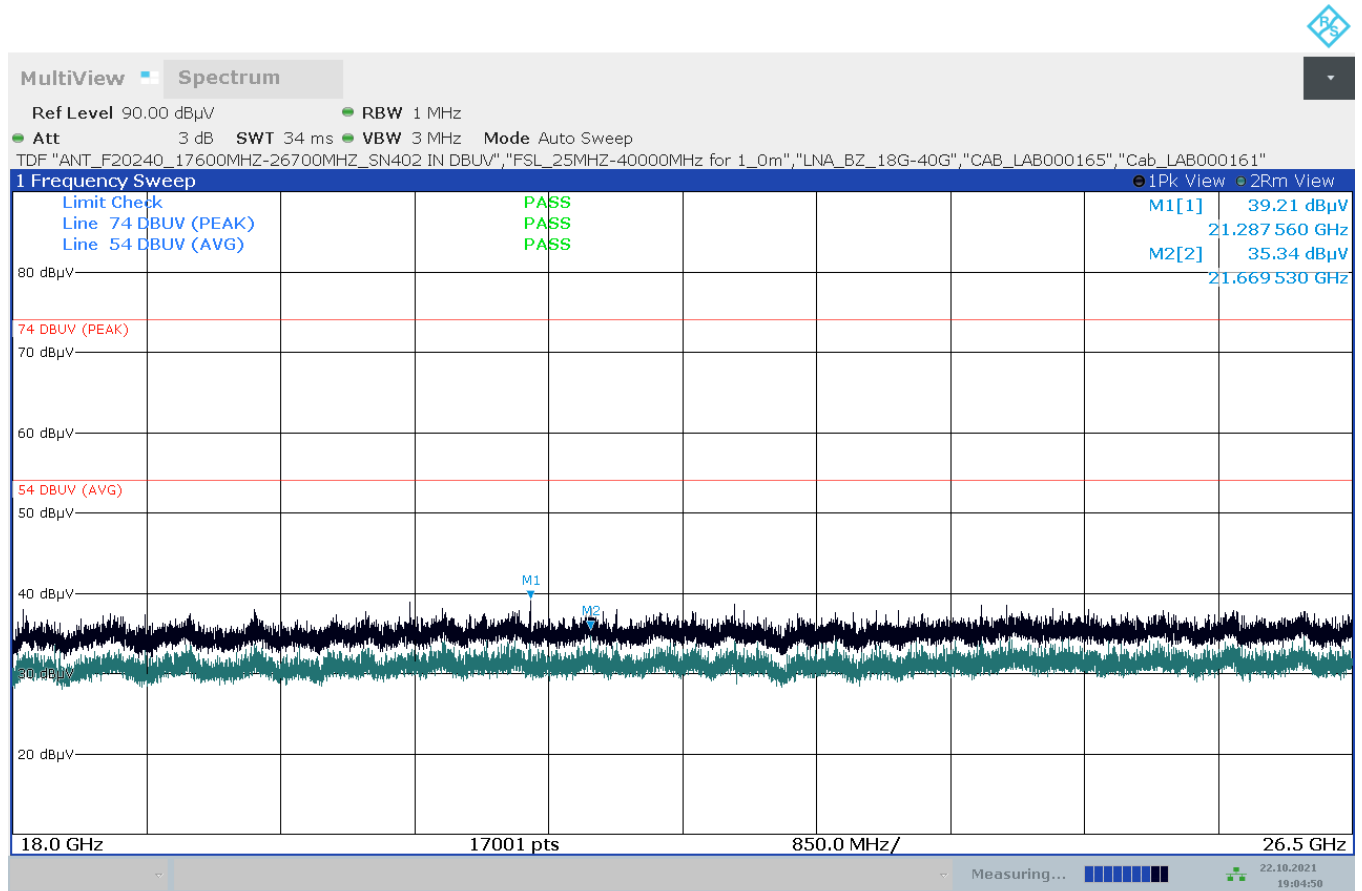
Plot 262: Mode 1, RSE 18 GHz – 26.5 GHz, channel 144, horizontal / vertical polarisation



19:04:01 22.10.2021

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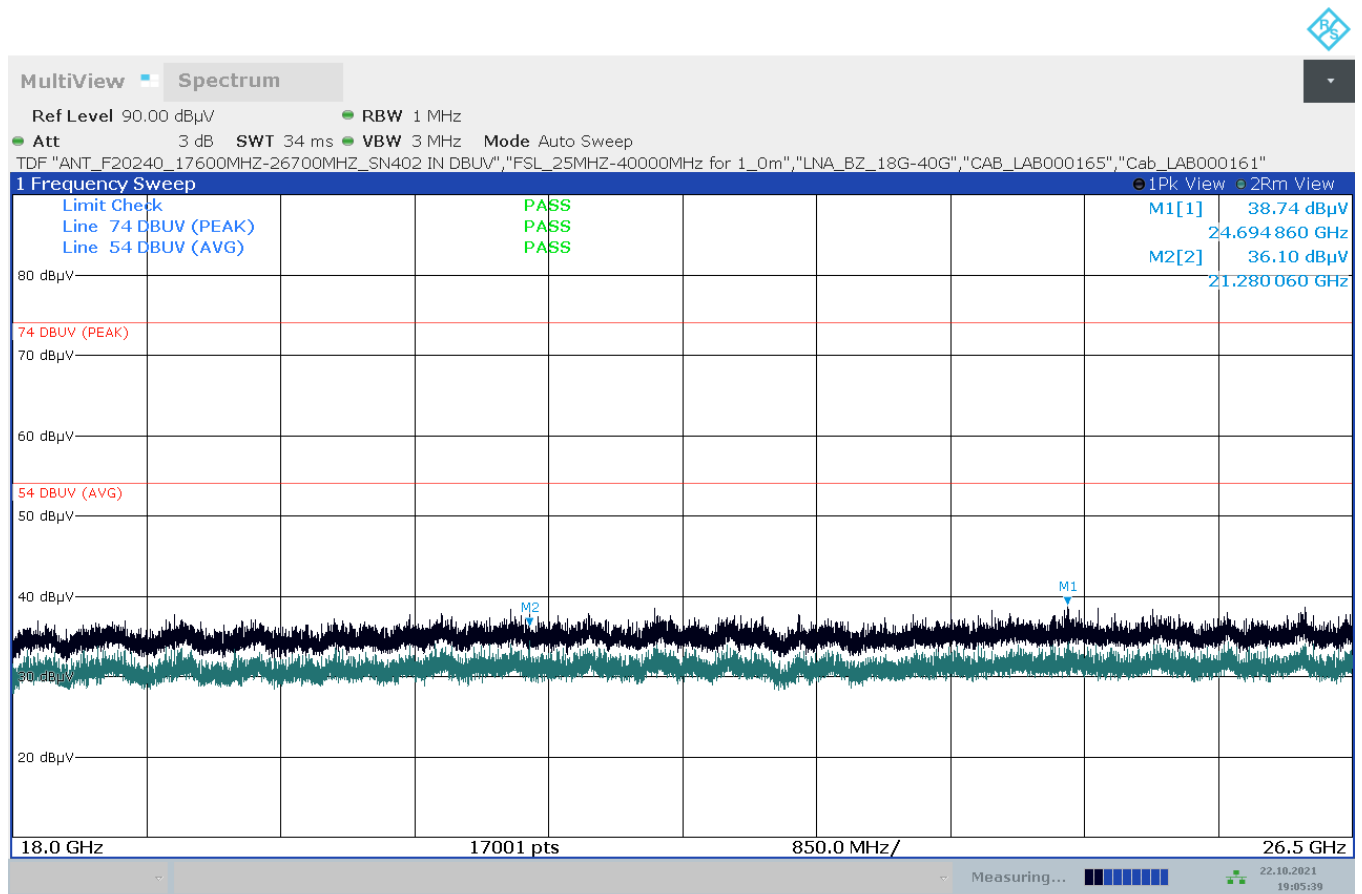
Plot 263: Mode 1, RSE 18 GHz – 26.5 GHz, channel 149, horizontal / vertical polarisation



19:04:50 22.10.2021

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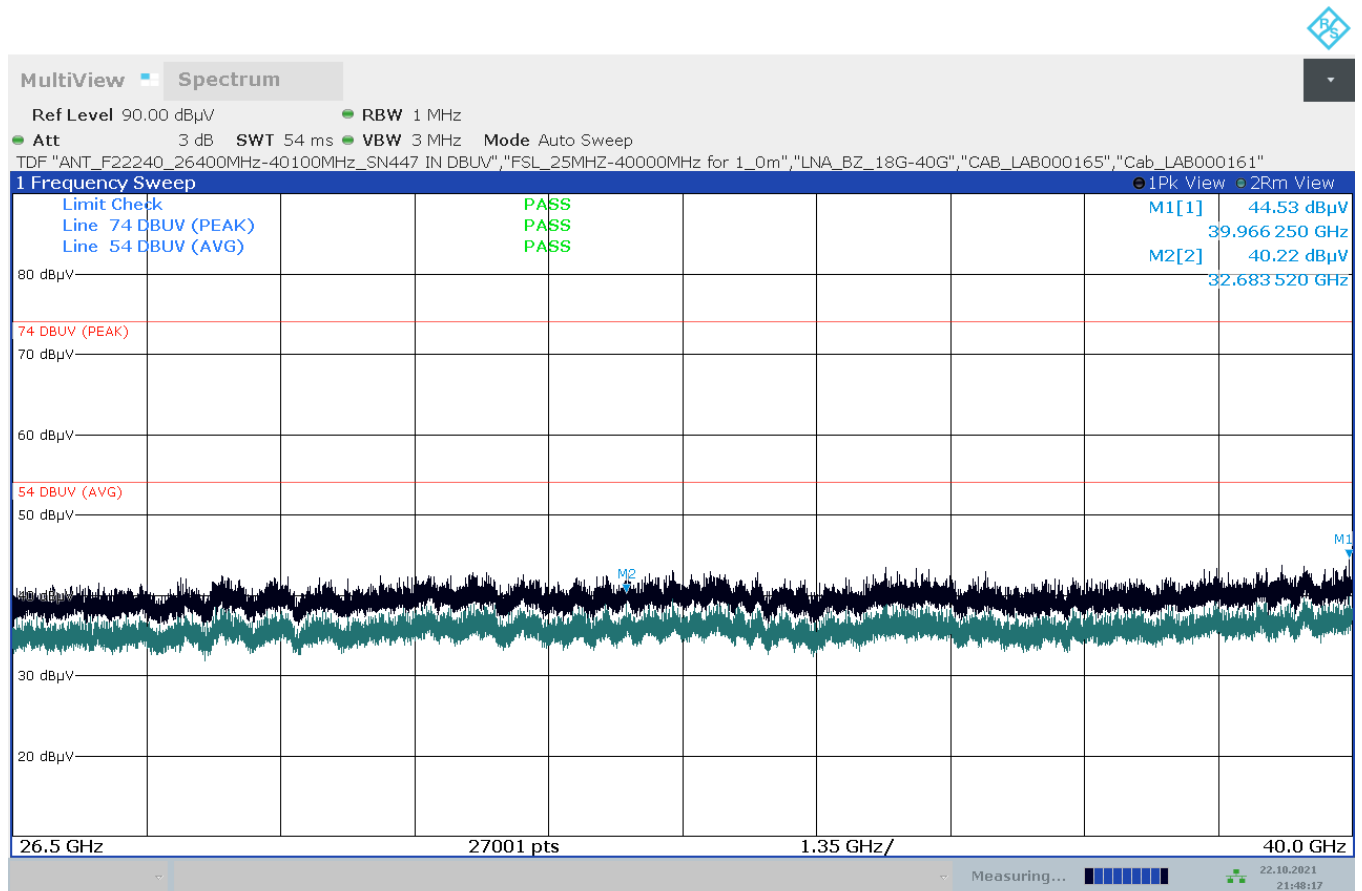
Plot 264: Mode 1, RSE 18 GHz – 26.5 GHz, channel 165, horizontal / vertical polarisation



19:05:39 22.10.2021

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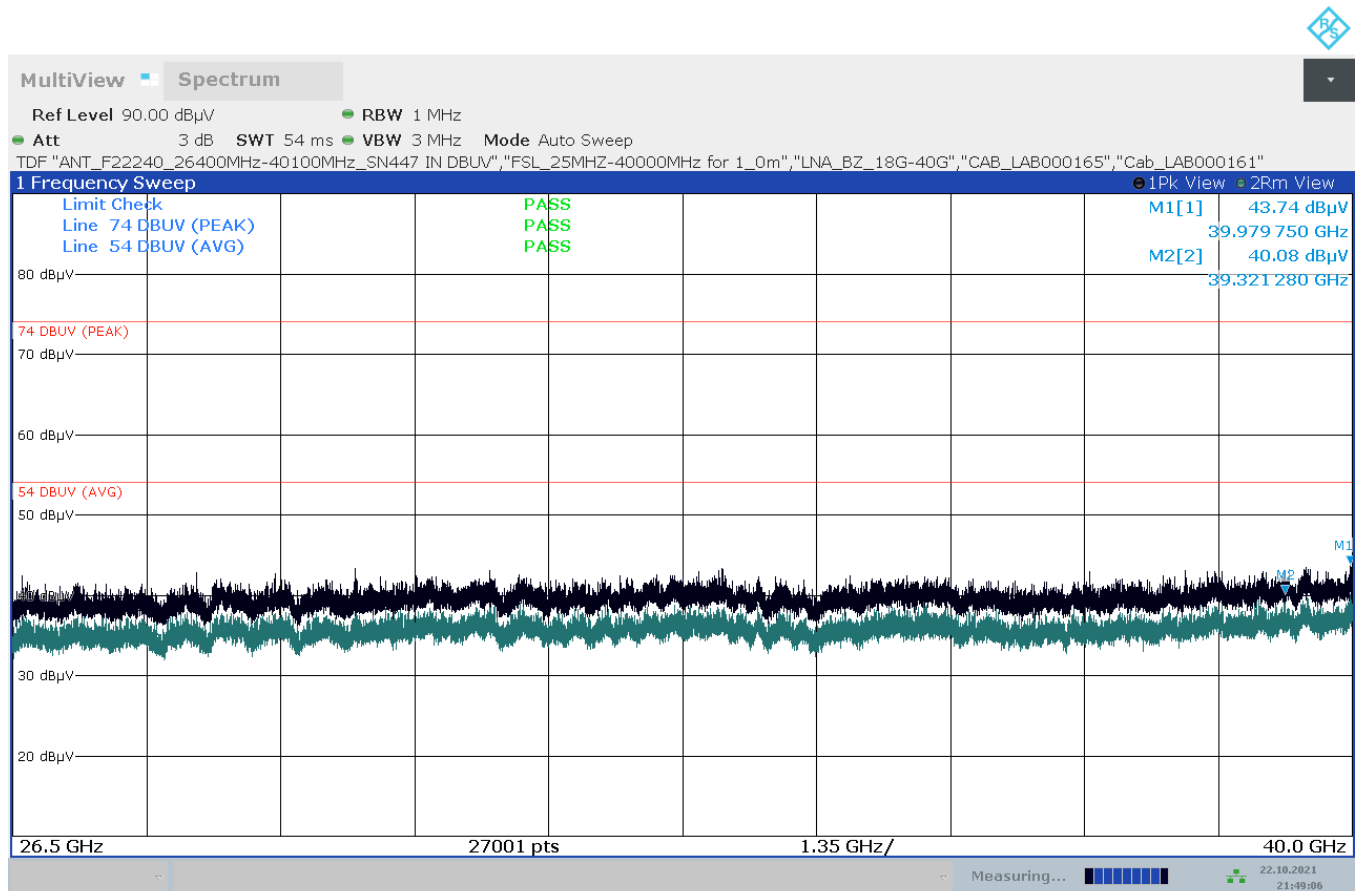
Plot 265: Mode 1, RSE 26.5 GHz – 40 GHz, channel 36, horizontal / vertical polarisation



21:48:17 22.10.2021

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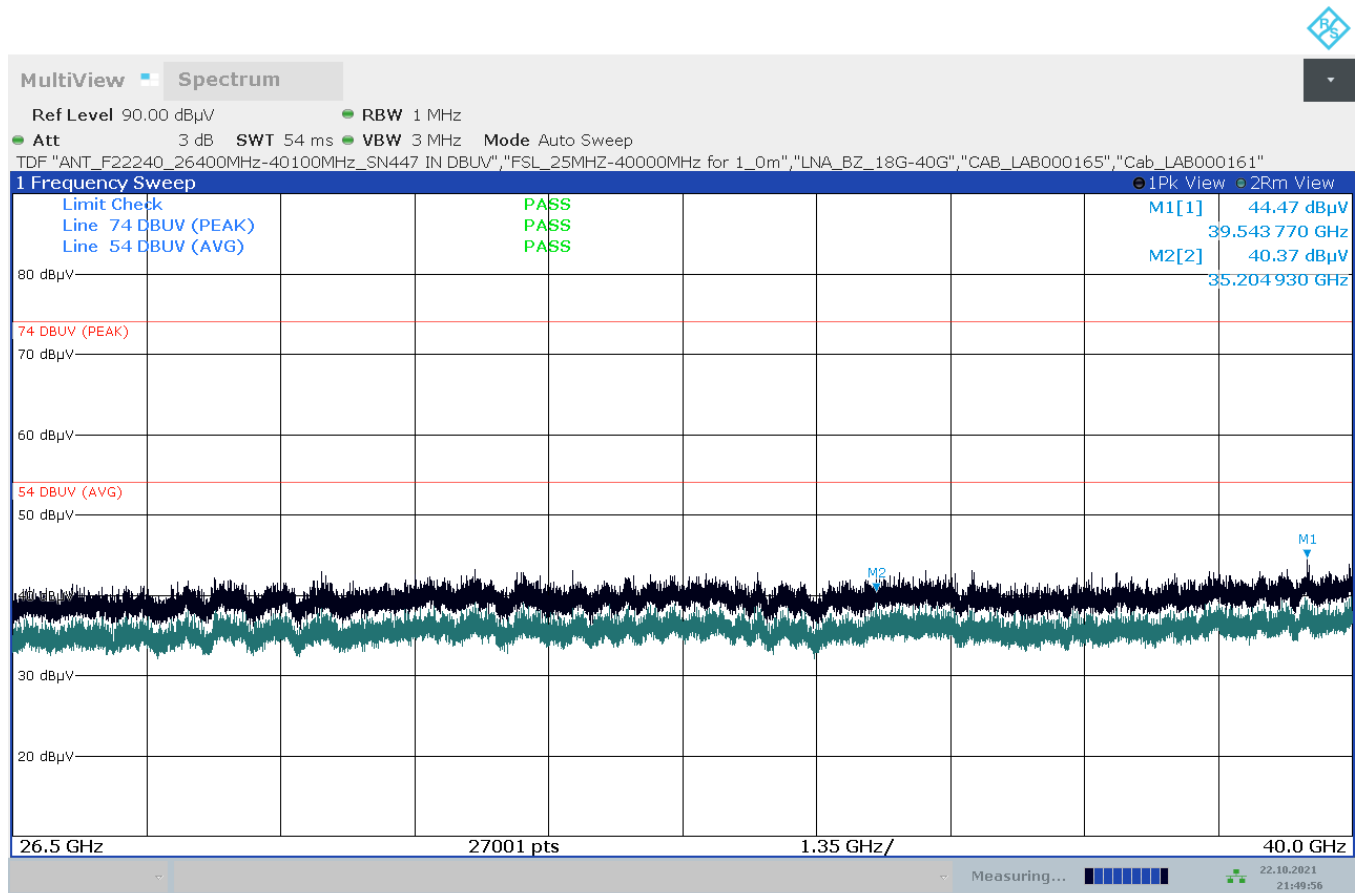
Plot 266: Mode 1, RSE 26.5 GHz – 40 GHz, channel 64, horizontal / vertical polarisation



21:49:07 22.10.2021

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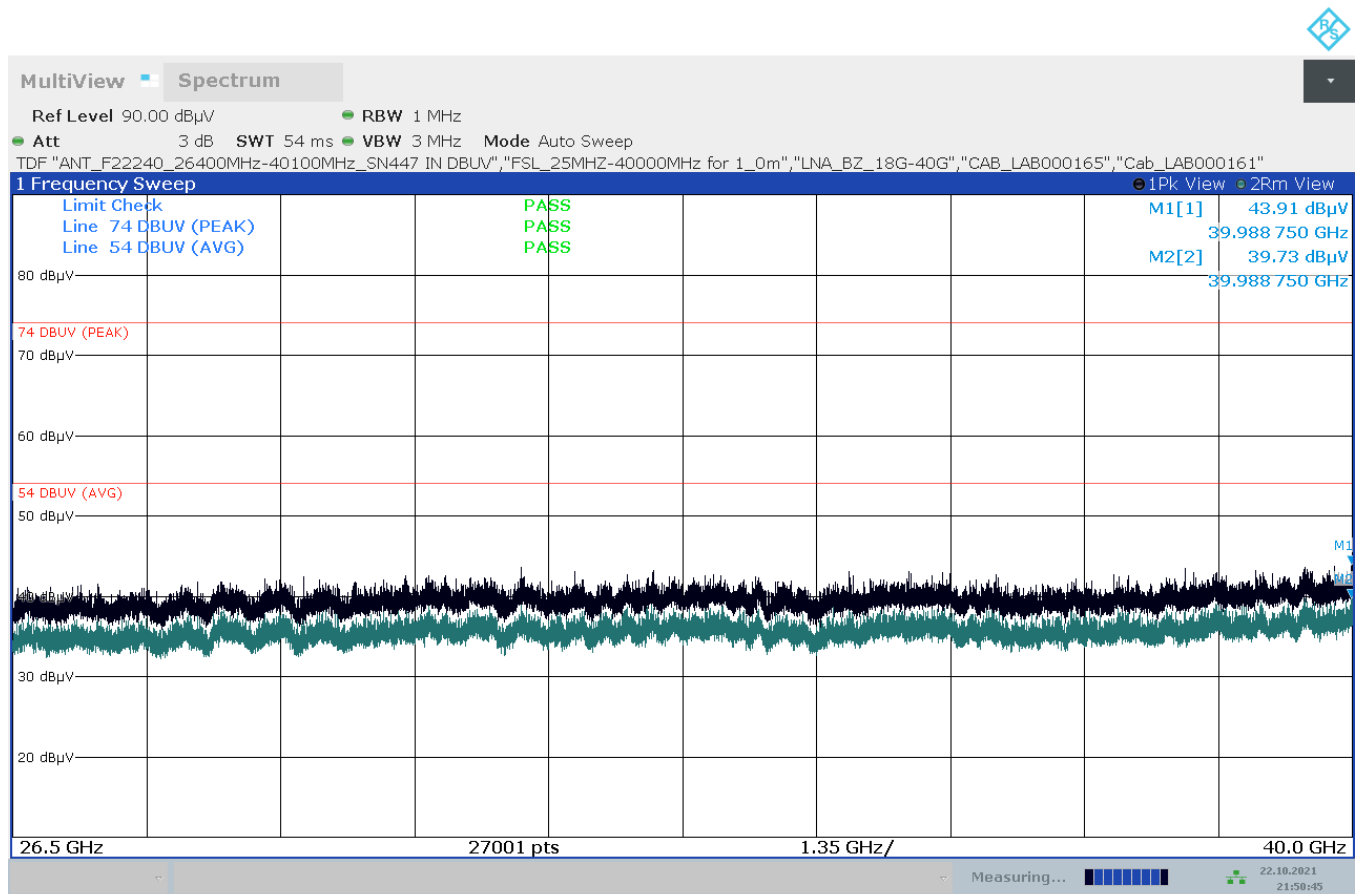
Plot 267: Mode 1, RSE 26.5 GHz – 40 GHz, channel 100, horizontal / vertical polarisation



21:49:56 22.10.2021

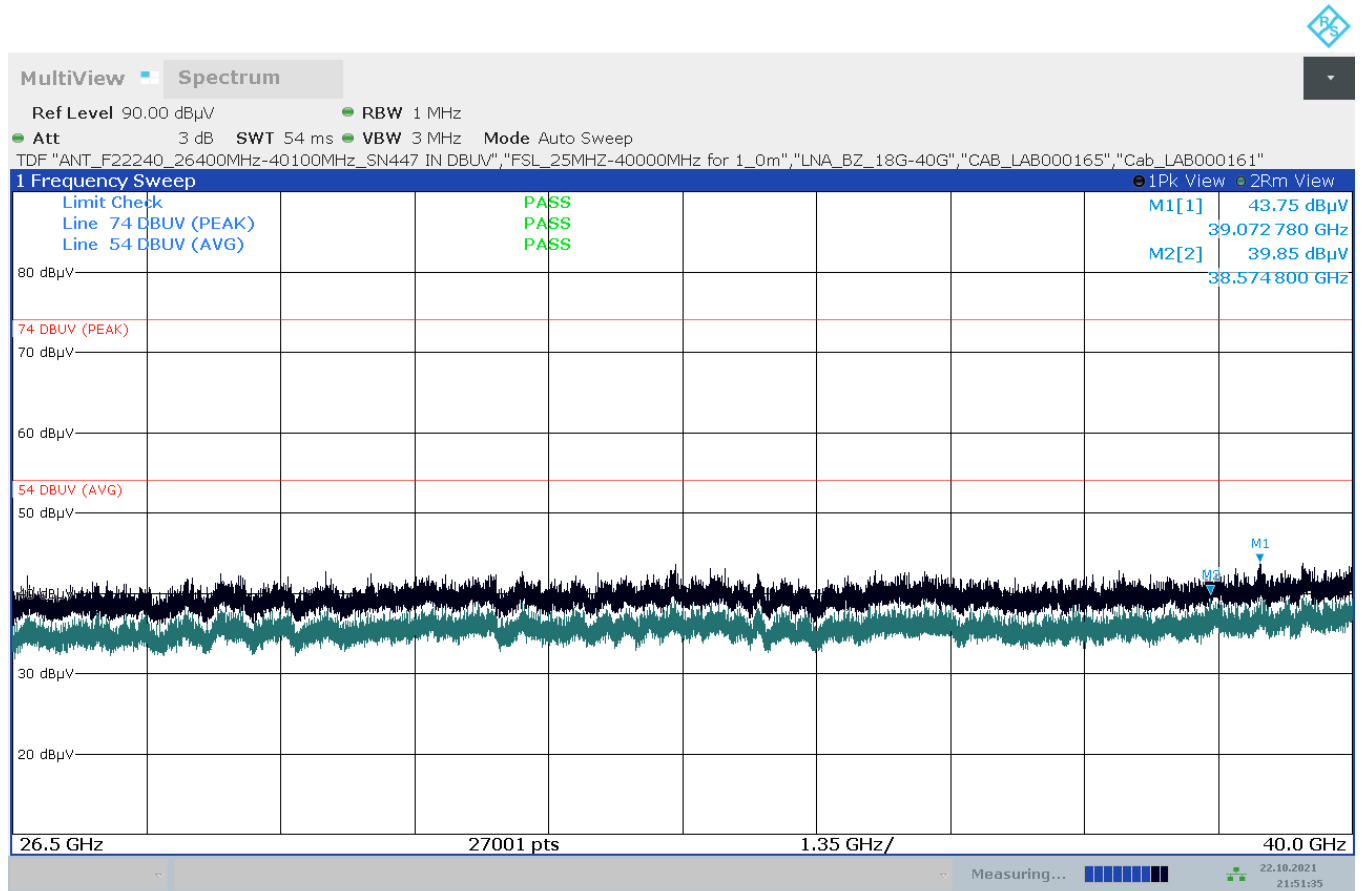
Annex A of TR no.: 21086128-23003-1

Plot 268: Mode 1, RSE 26.5 GHz – 40 GHz, channel 140, horizontal / vertical polarisation



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

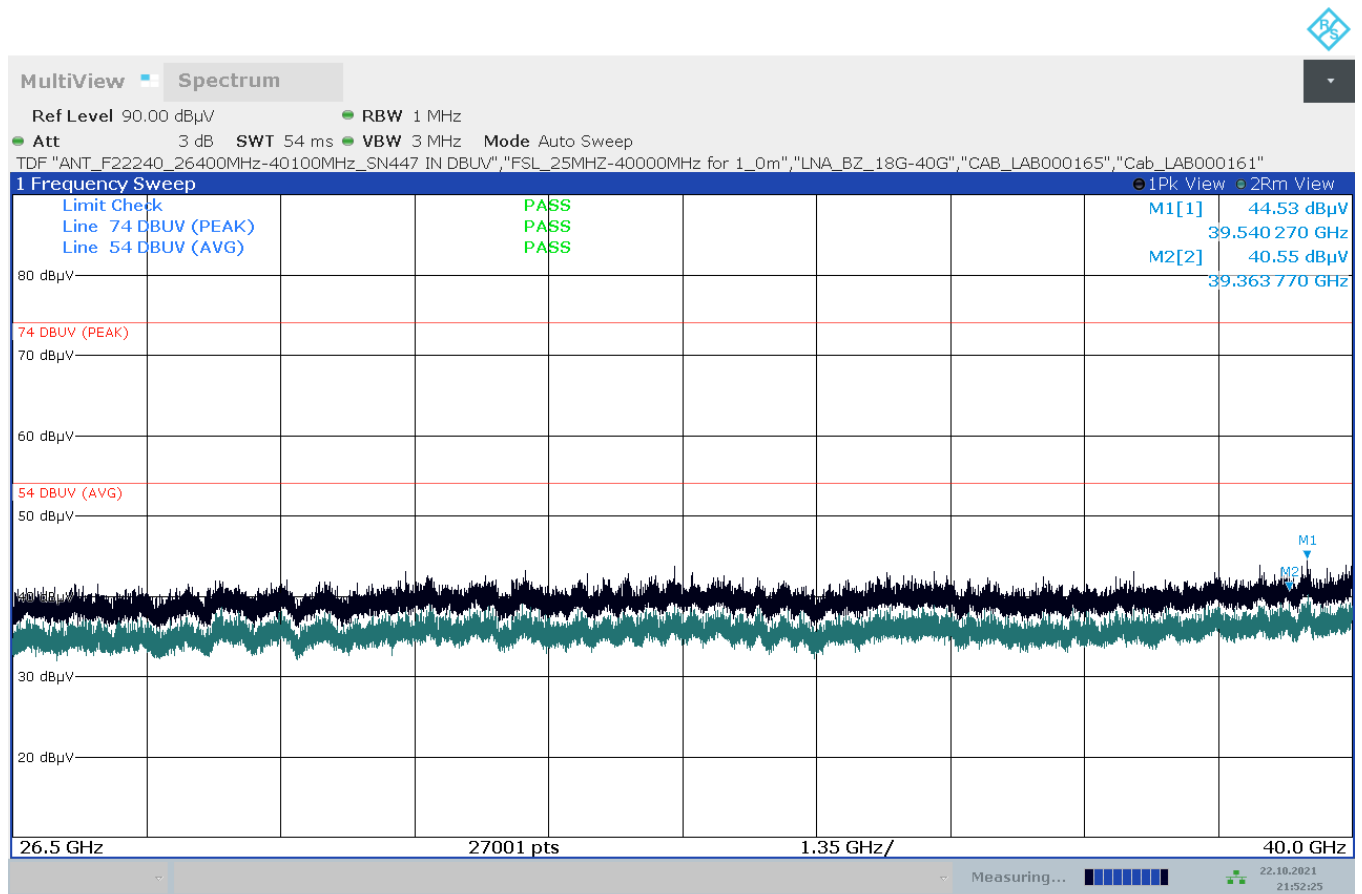
Plot 269: Mode 1, RSE 26.5 GHz – 40 GHz, channel 144, horizontal / vertical polarisation



21:51:35 22.10.2021

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

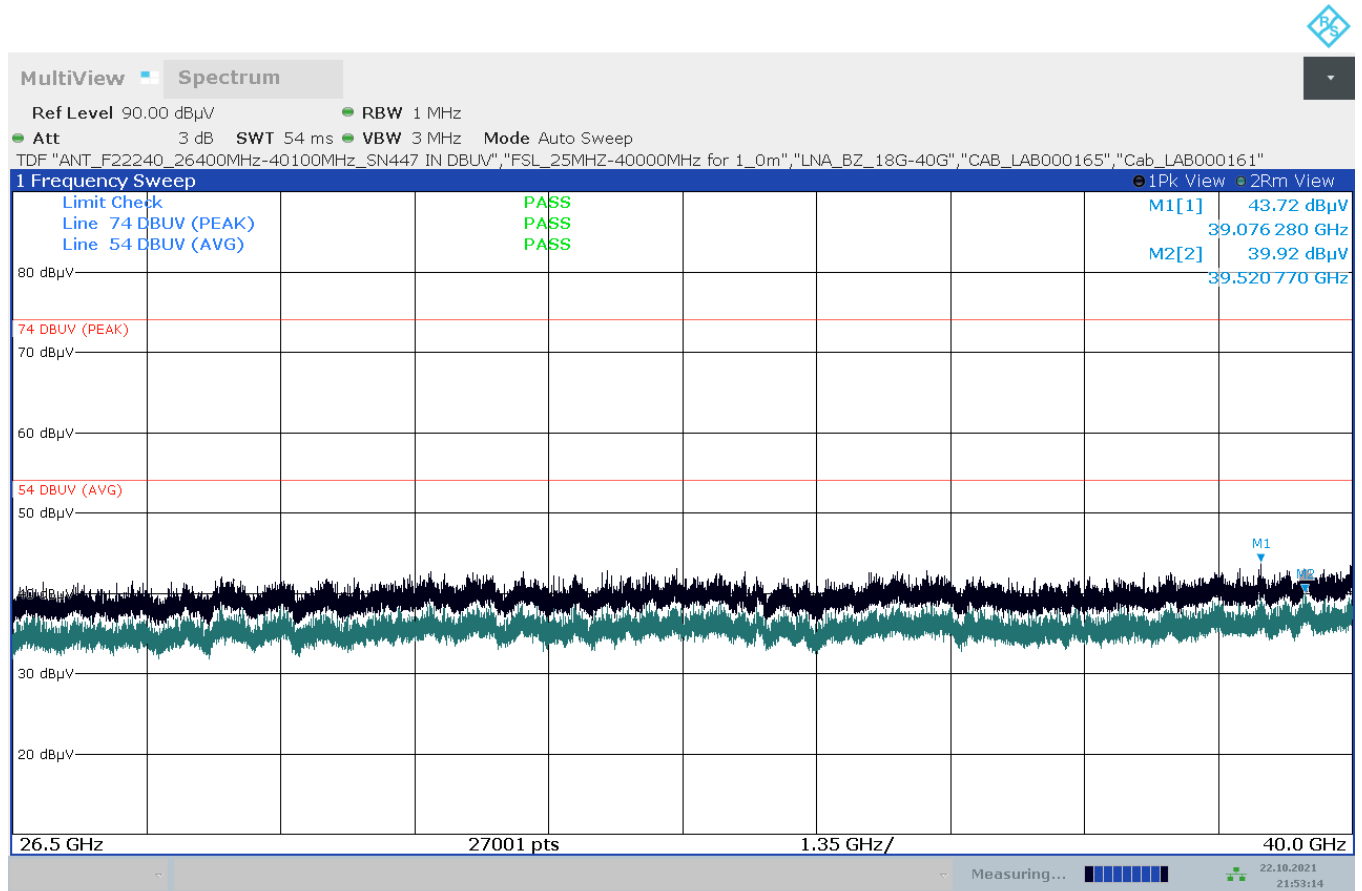
Plot 270: Mode 1, RSE 26.5 GHz – 40 GHz, channel 149, horizontal / vertical polarisation



21:52:25 22.10.2021

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

Plot 271: Mode 1, RSE 26.5 GHz – 40 GHz, channel 165, horizontal / vertical polarisation



21:53:14 22.10.2021

2.8 Variant ID #56

DUT Information

DUT Name: prePV 56
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 65604

2.8.1 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

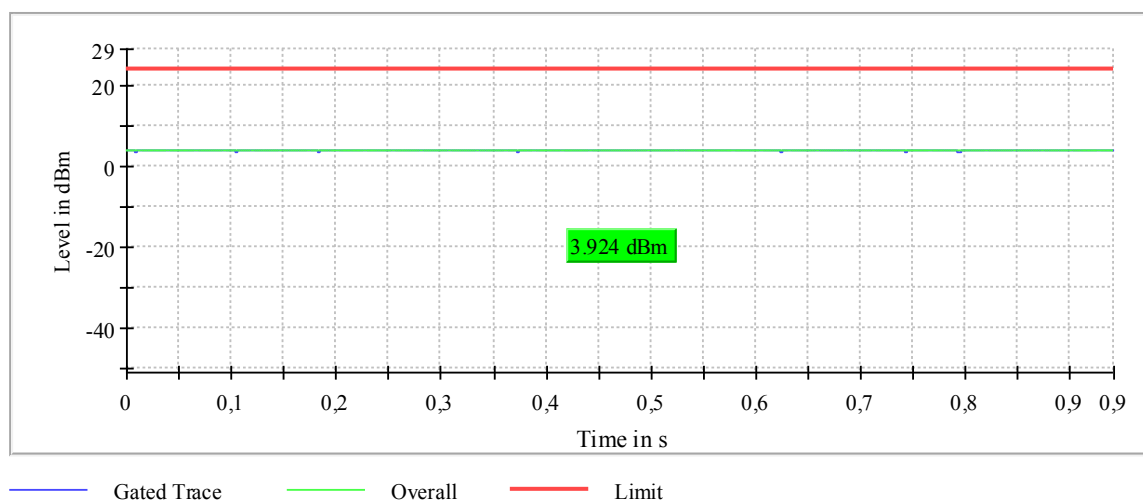
DUT Name: prePV 56
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 65603

Plot 272: 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	3.9	24.0	3.9	94.349	PASS

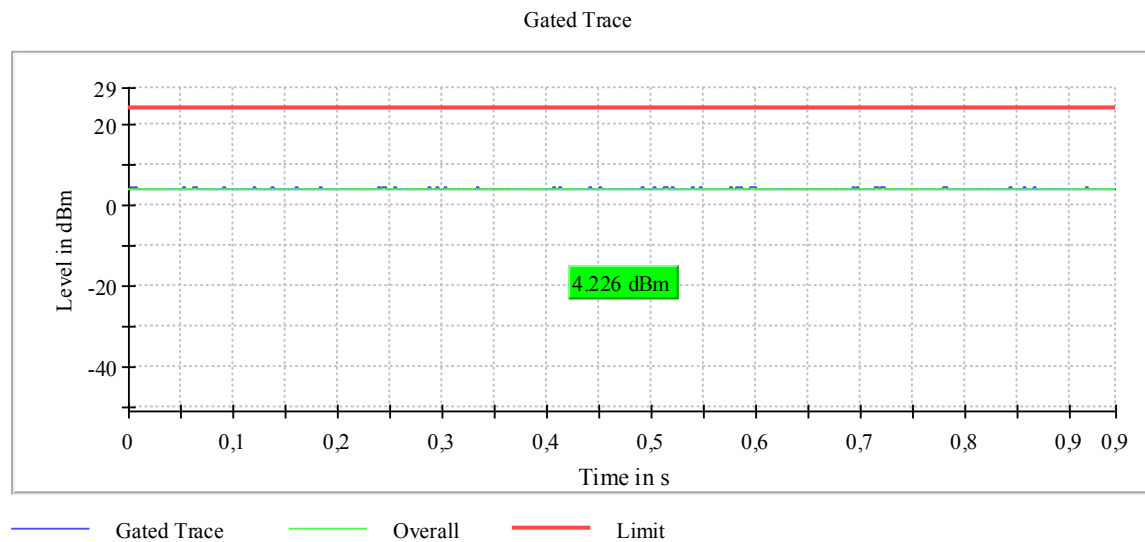
Gated Trace



Plot 273: Mode 1, U-NII-1, AVGPM-G Gated Average Power Measurement, mid channel

Result

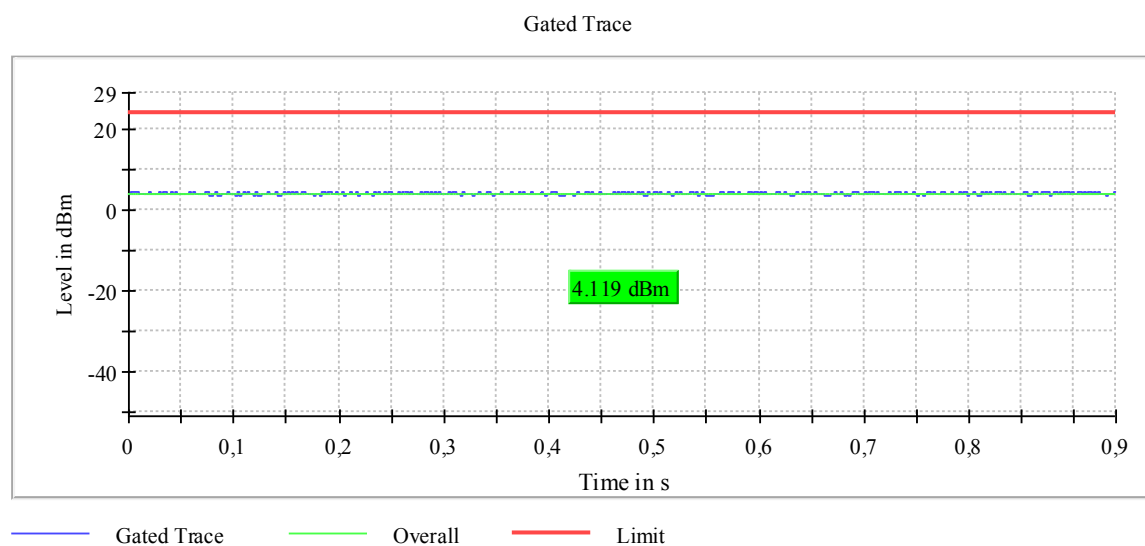
DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5220.000000	4.2	24.0	4.2	94.425	PASS



Plot 274: Mode 1, U-NII-1, AVGPM-G Gated Average Power Measurement, high channel

Result

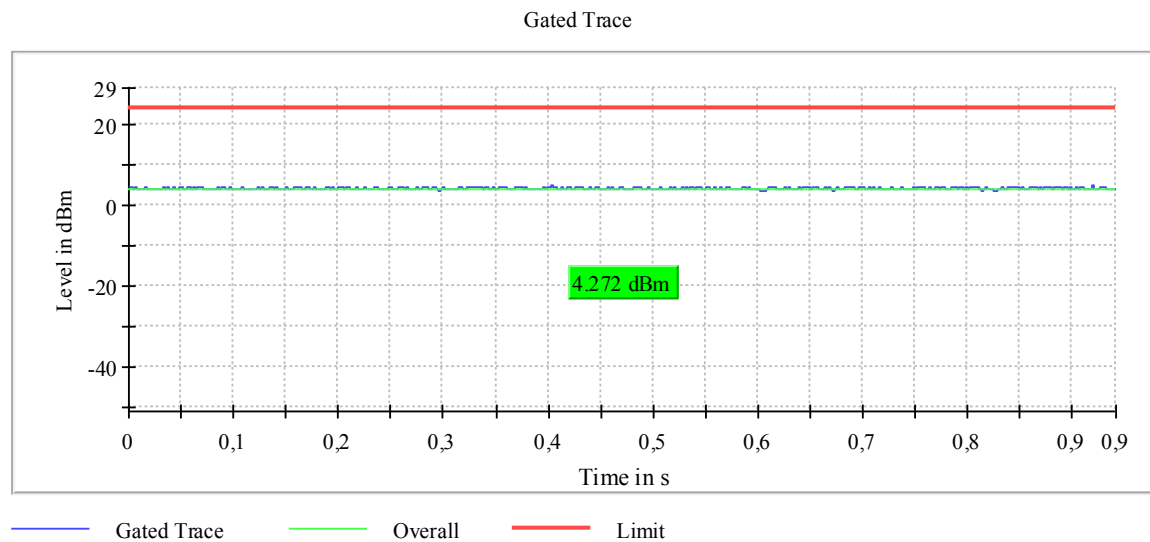
DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5240.000000	4.1	24.0	4.1	94.280	PASS



Plot 275: 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	4.3	24.0	4.3	94.405	PASS



Plot 276: 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	4.3	24.0	4.3	94.431	PASS

