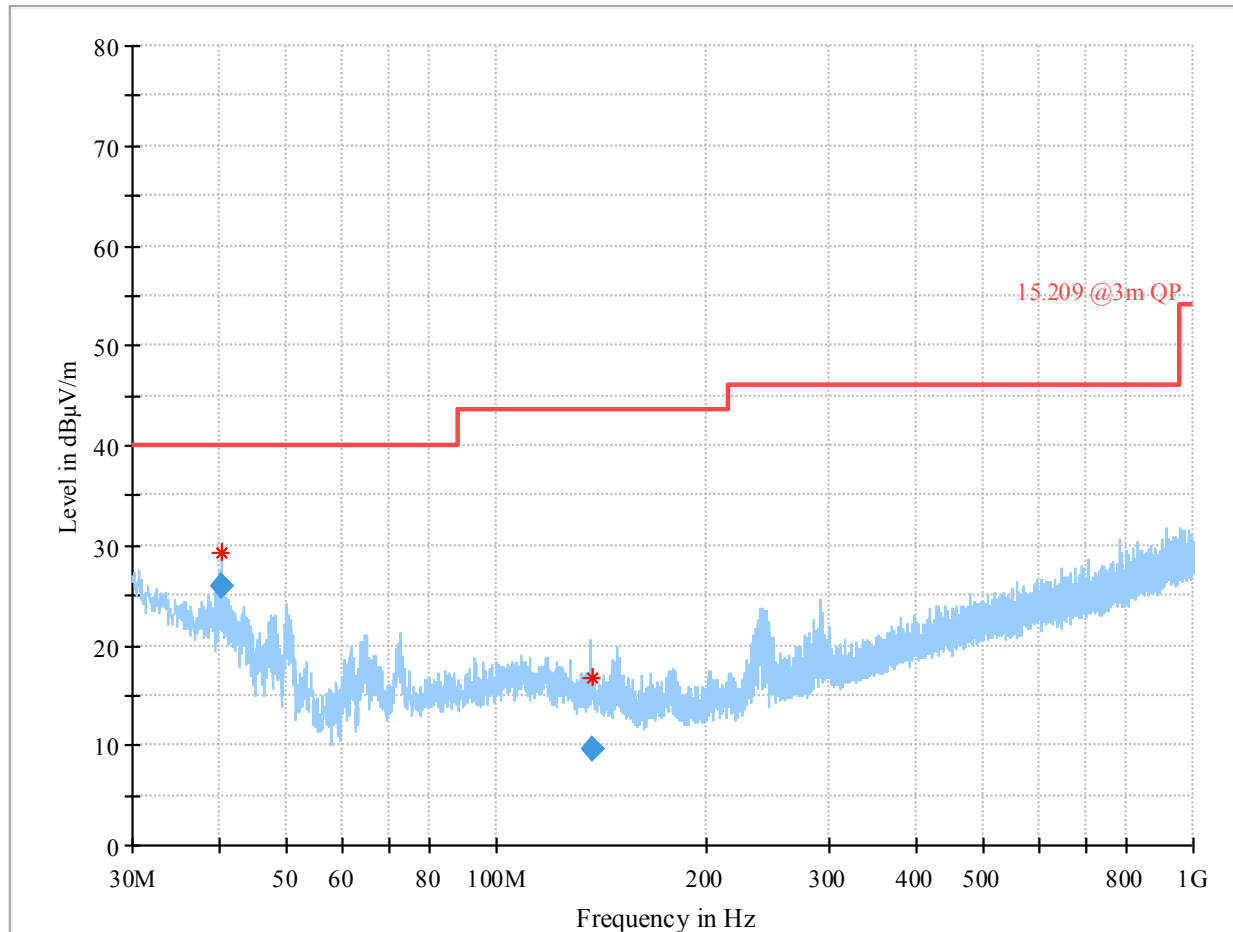
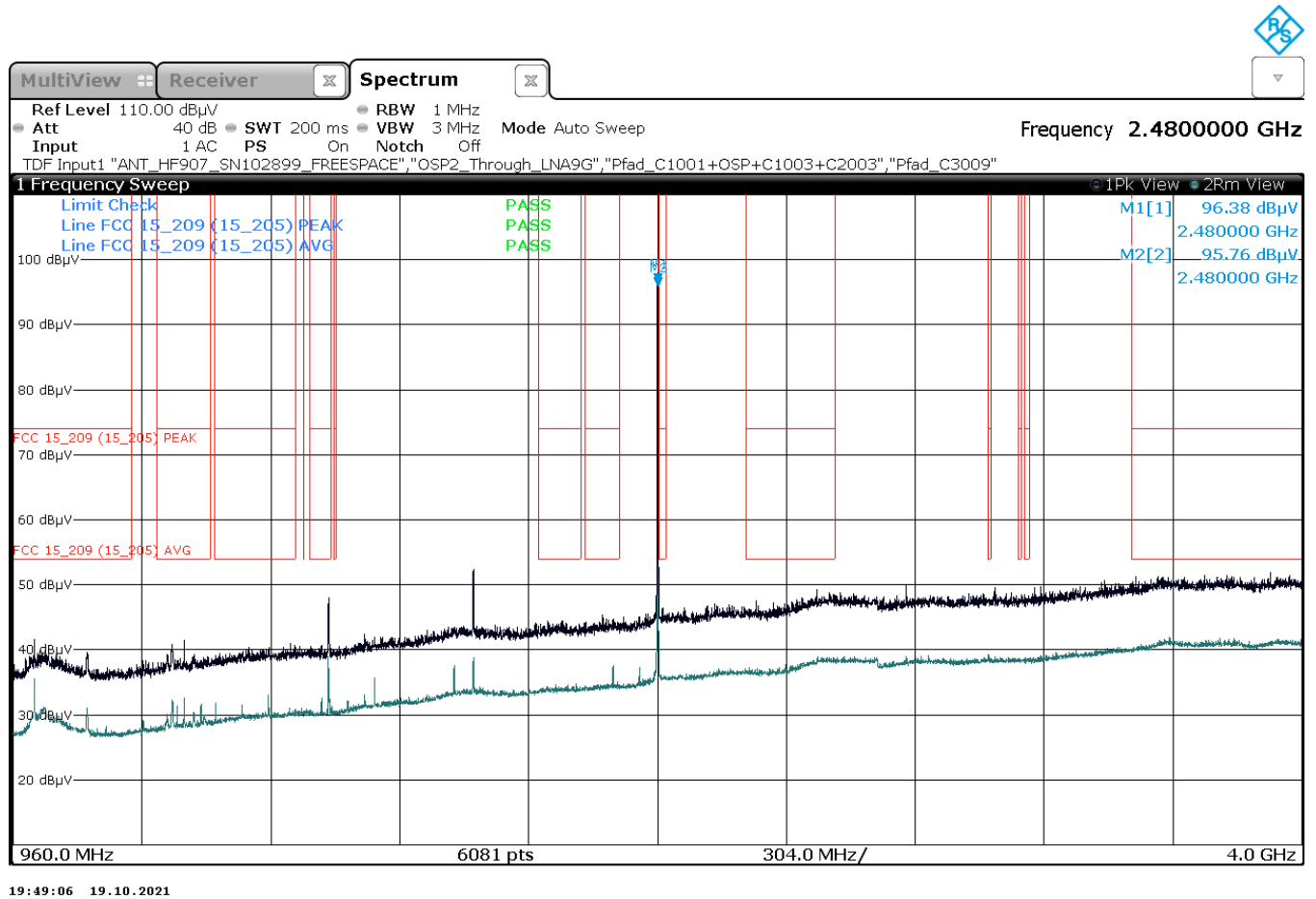


Plot 51: Mode 1, RSE 30 MHz – 1 GHz, high channel, horizontal / vertical polarisation

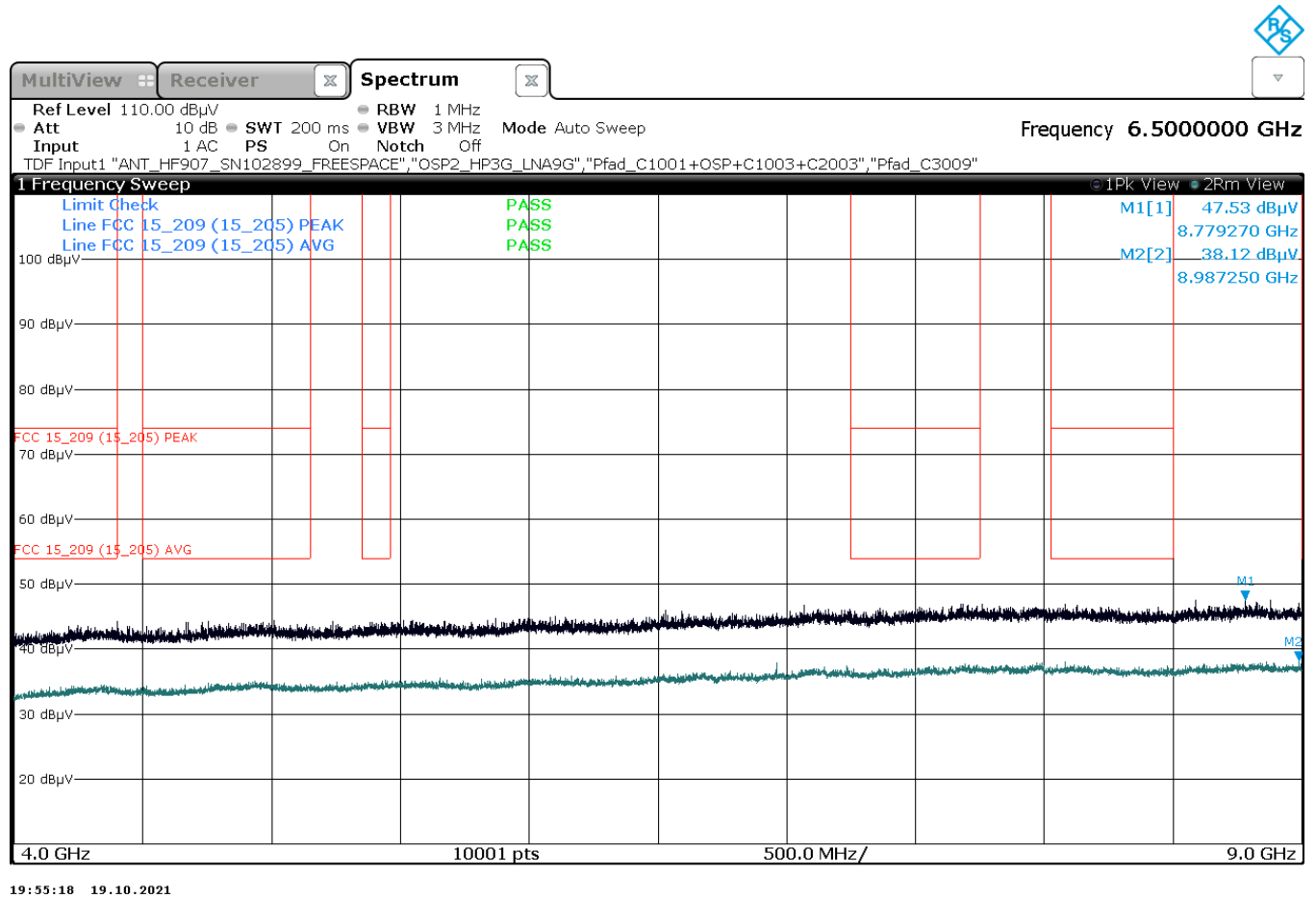


Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
40.282000	26.02	40.00	13.98	100.0	120.000	100.0	H	214.0
137.151500	9.51	43.50	33.99	100.0	120.000	120.0	V	83.0

Plot 52: Mode 1, RSE 1 GHz – 4 GHz, high channel, horizontal / vertical polarisation

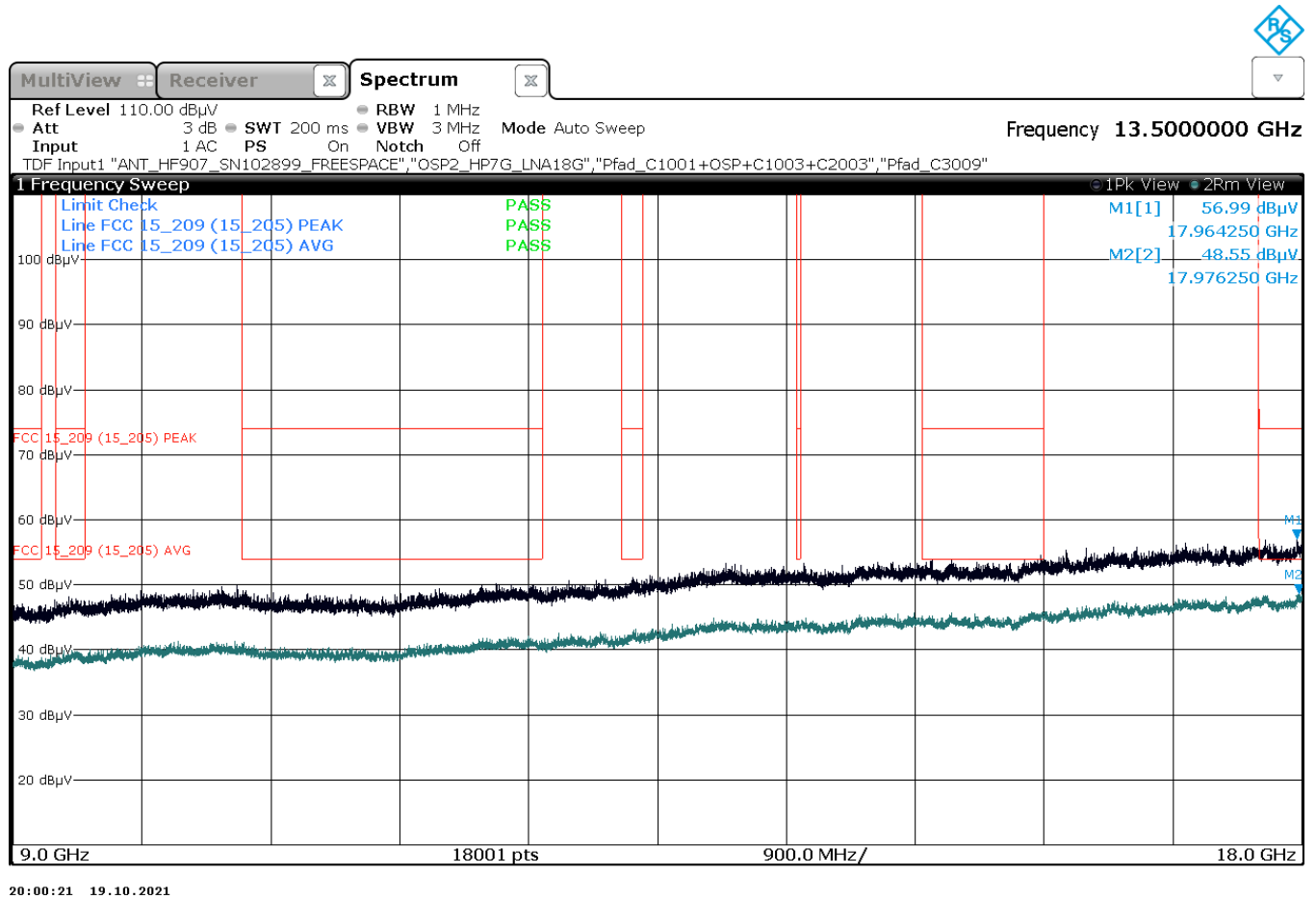


Plot 53: Mode 1, RSE 4 GHz – 9 GHz, high channel, horizontal / vertical polarisation



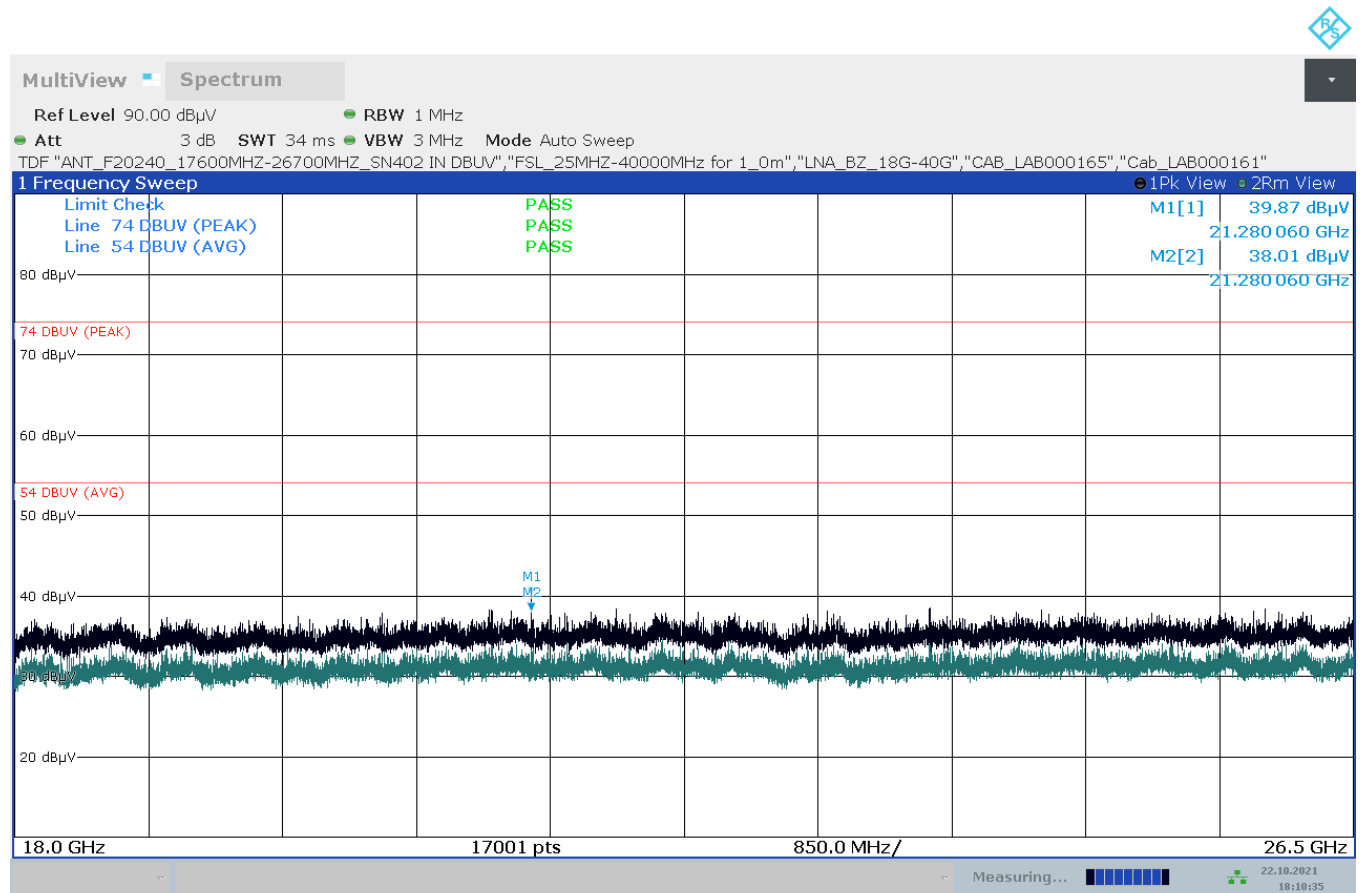
Annex A of TR no.: 21086128-23000-1

Plot 54: Mode 1, RSE 9 GHz – 18 GHz, high channel, horizontal / vertical polarisation



Annex A of TR no.: 21086128-23000-1

Plot 55: Mode 1, RSE 18 GHz – 26.5 GHz, high channel, horizontal / vertical polarisation



18:10:36 22.10.2021

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)

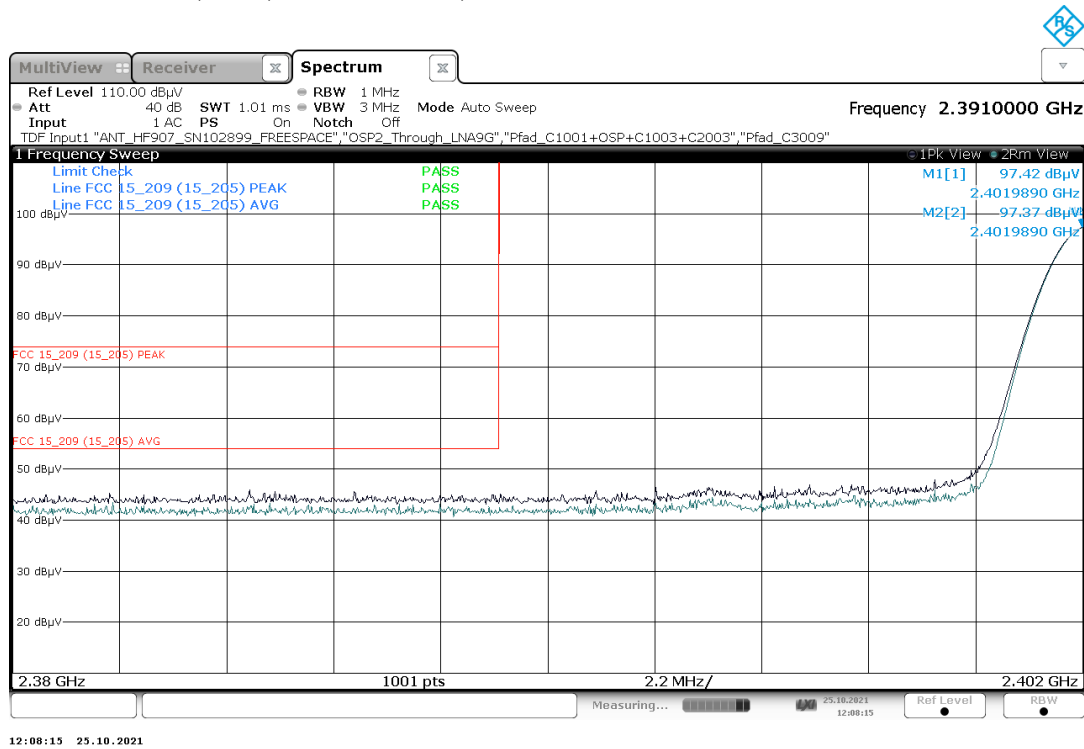
See test results of variant ID #50

2.6.2 Radiated Peak Power (Peak EIRP)

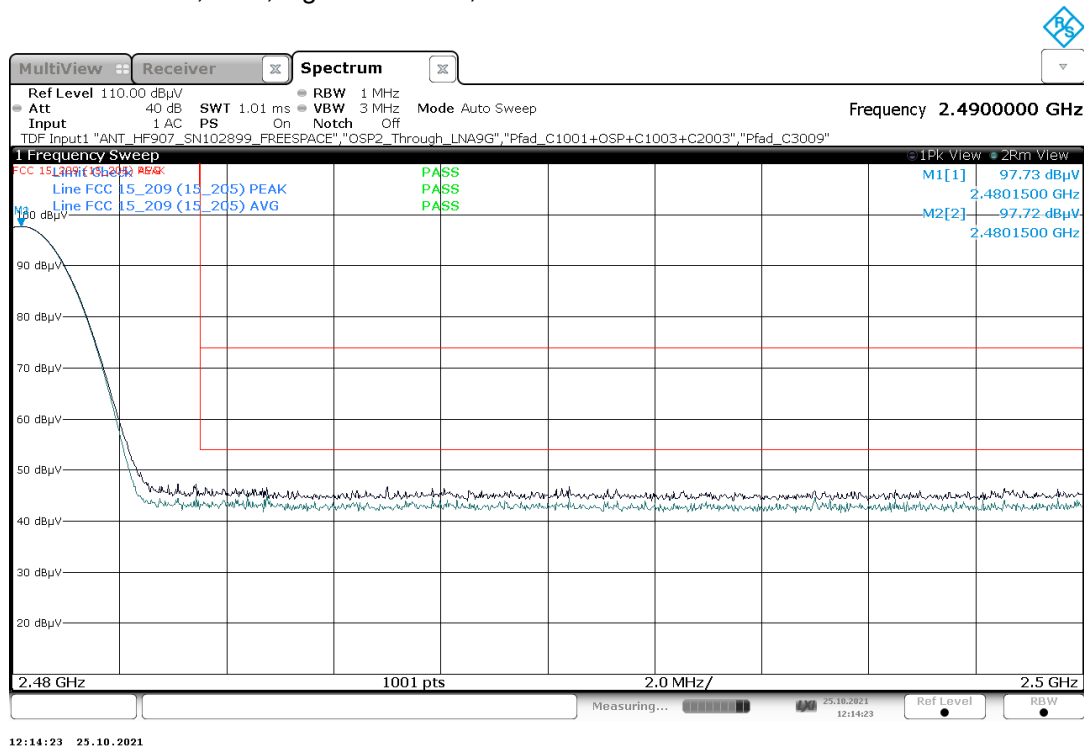
See test results of variant ID #50

2.6.3 Band Edge Compliance (BEC), radiated

Plot 56: Mode 1, BEC, low channel 37, 2402 MHz



Plot 57: Mode 1, BEC, high channel 39, 2480 MHz



2.6.4 Radiated Spurious Emissions (RSE)

See test results of variant ID #50

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 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013 11.9.2.3.2

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

DUT Information

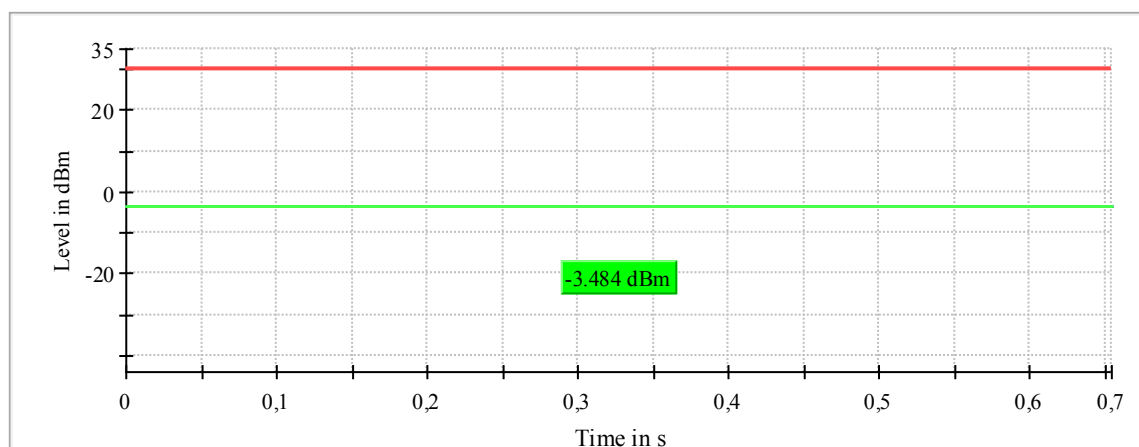
DUT Name: prePV 54
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 65703

Plot 58: Test Mode 1, GFSK, 1 Mbit/s, RF output power, low channel 37, 2402 MHz

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	-3.5	30.0	-3.5	65.649	PASS

Gated Trace

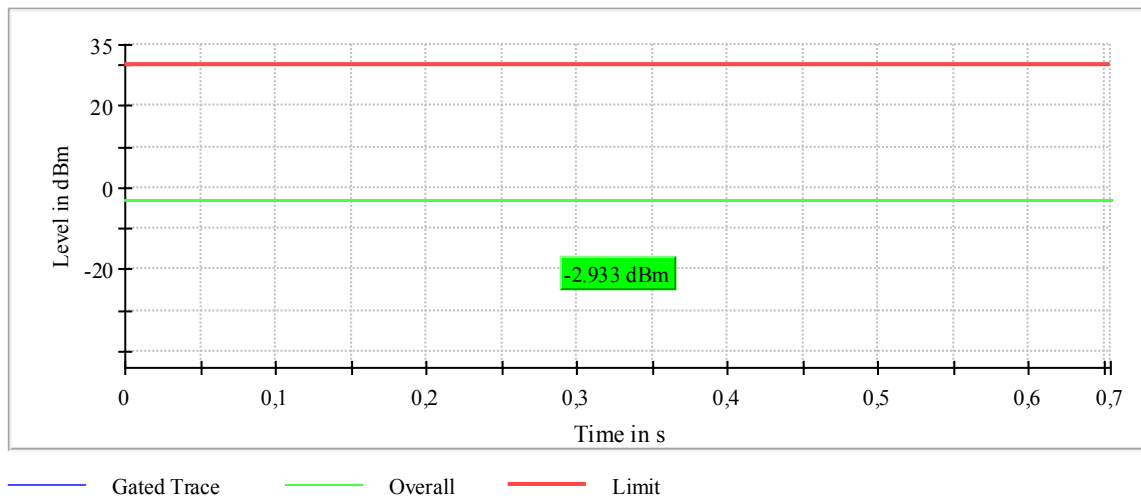


— Gated Trace — Overall — Limit

Plot 59: Test Mode 1, GFSK, 1 Mbit/s, RF output power, mid channel 17, 2440 MHz

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2440.000000	-2.9	30.0	-2.9	65.656	PASS

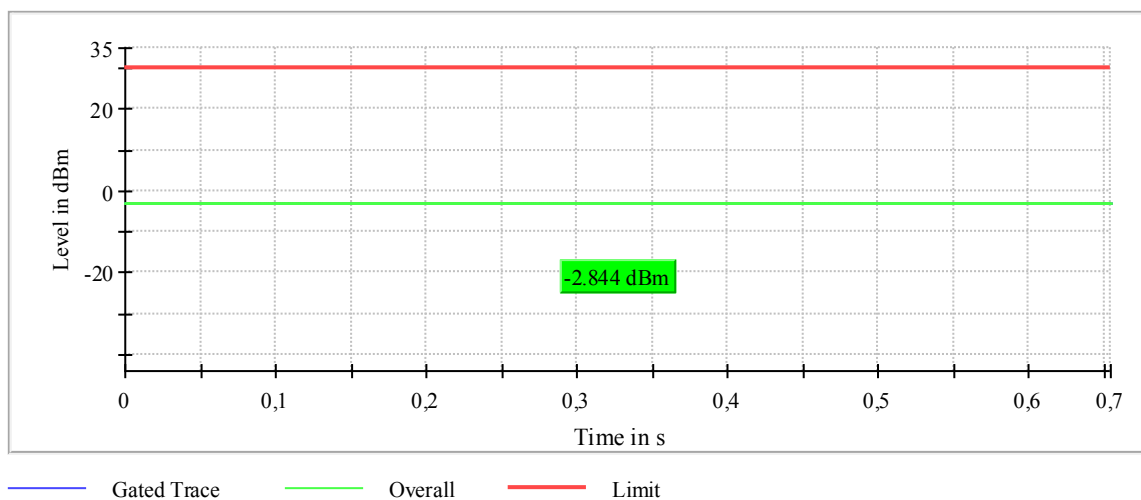
Gated Trace



Plot 60: Test Mode 1, GFSK, 1 Mbit/s, RF output power, high channel 39, 2480 MHz

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	-2.8	30.0	-2.8	65.654	PASS

Gated Trace

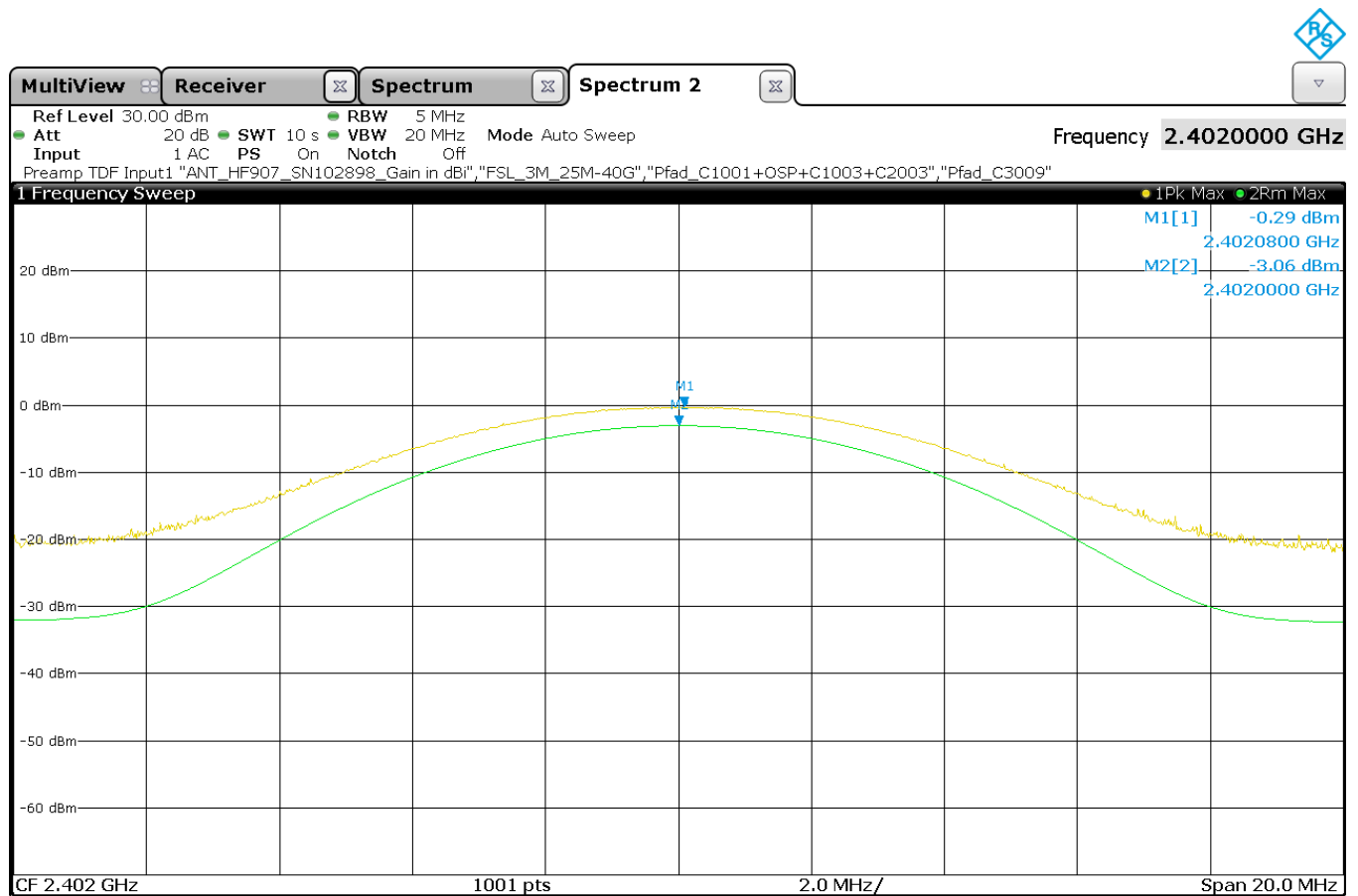


2.7.2 Radiated Peak Power (Peak EIRP)

DUT Information

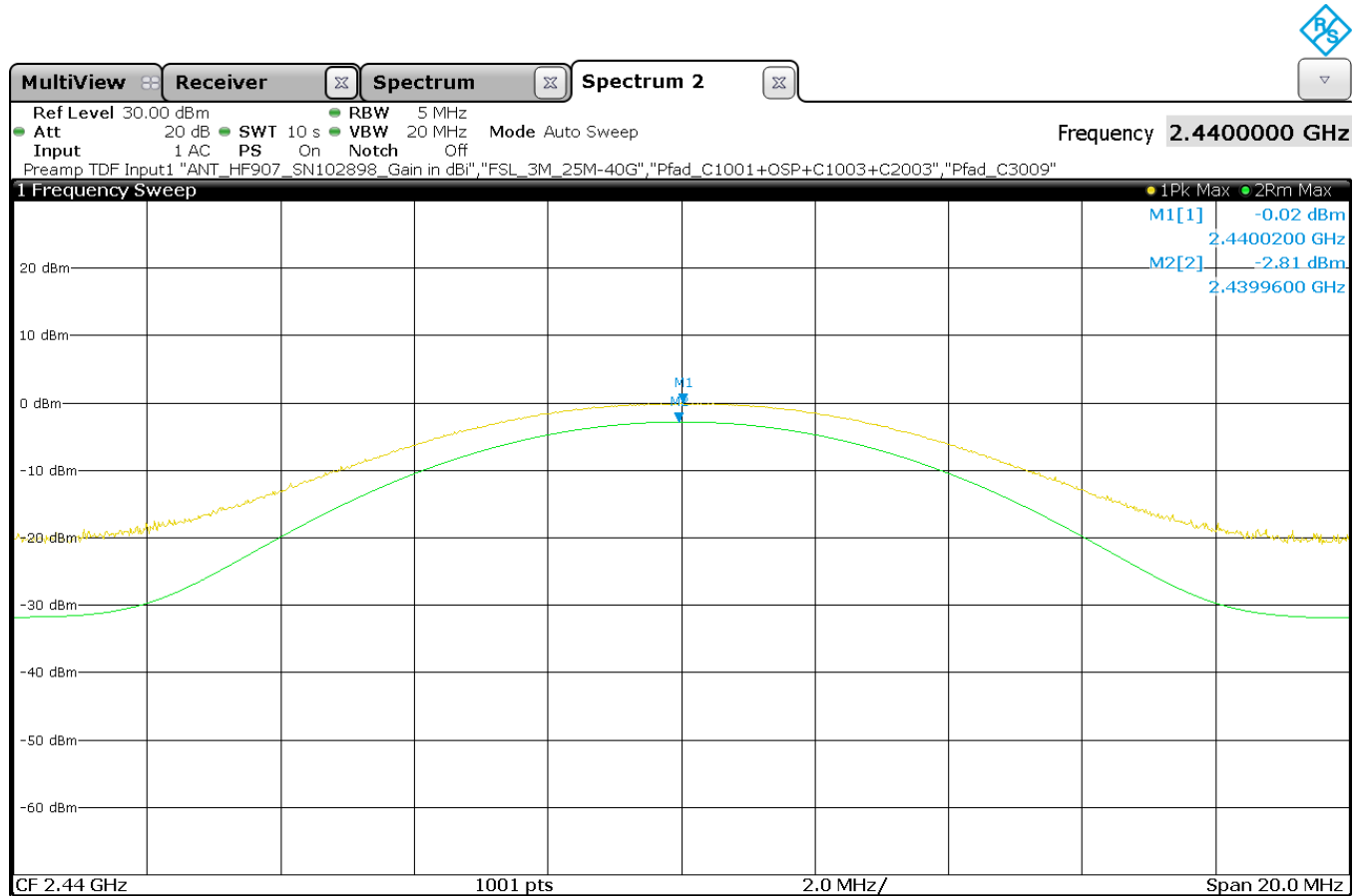
DUT Name: prePV 54
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 65702

Plot 61: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, low channel 37, 2402 MHz



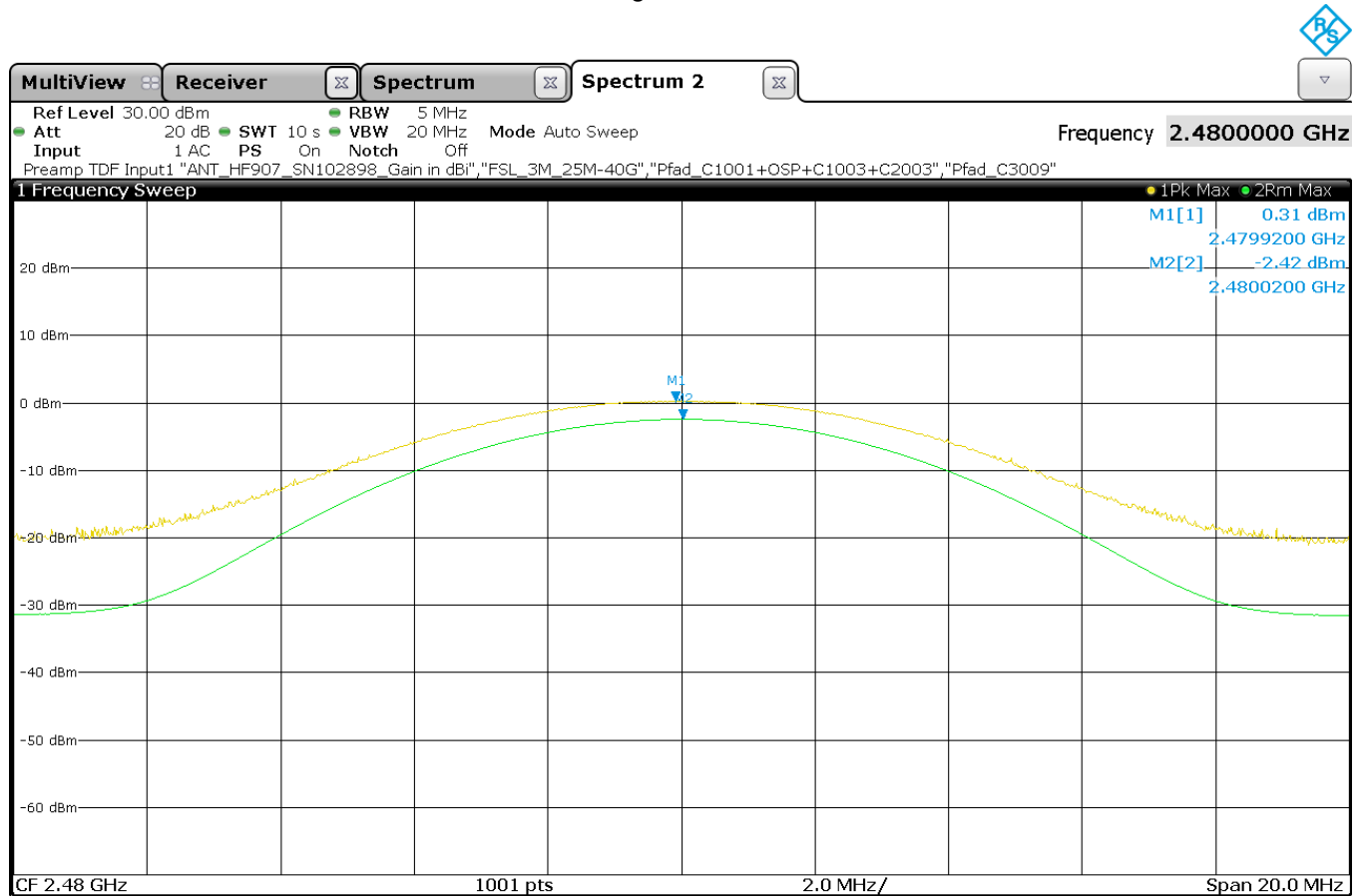
11:36:13 10.11.2021

Plot 62: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, mid channel 17, 2440 MHz



11:38:06 10.11.2021

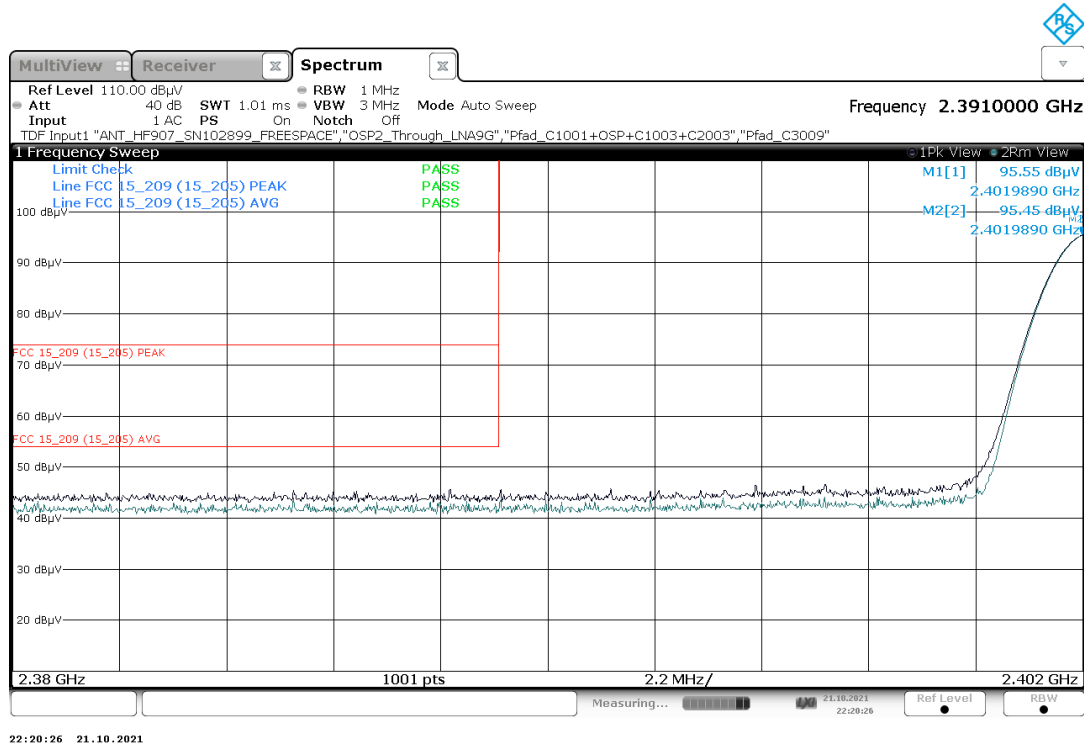
Plot 63: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, high channel 39, 2480 MHz



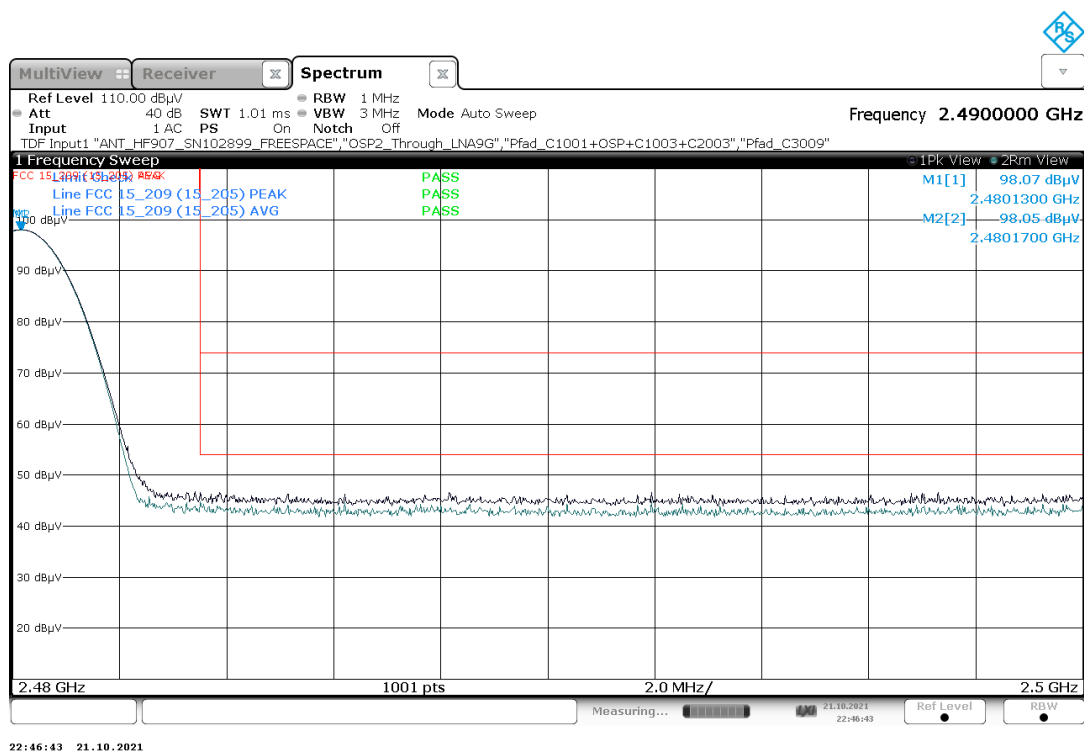
11:43:03 10.11.2021

2.7.3 Band Edge Compliance (BEC), radiated

Plot 64: Mode 1, BEC, low channel 37, 2402 MHz

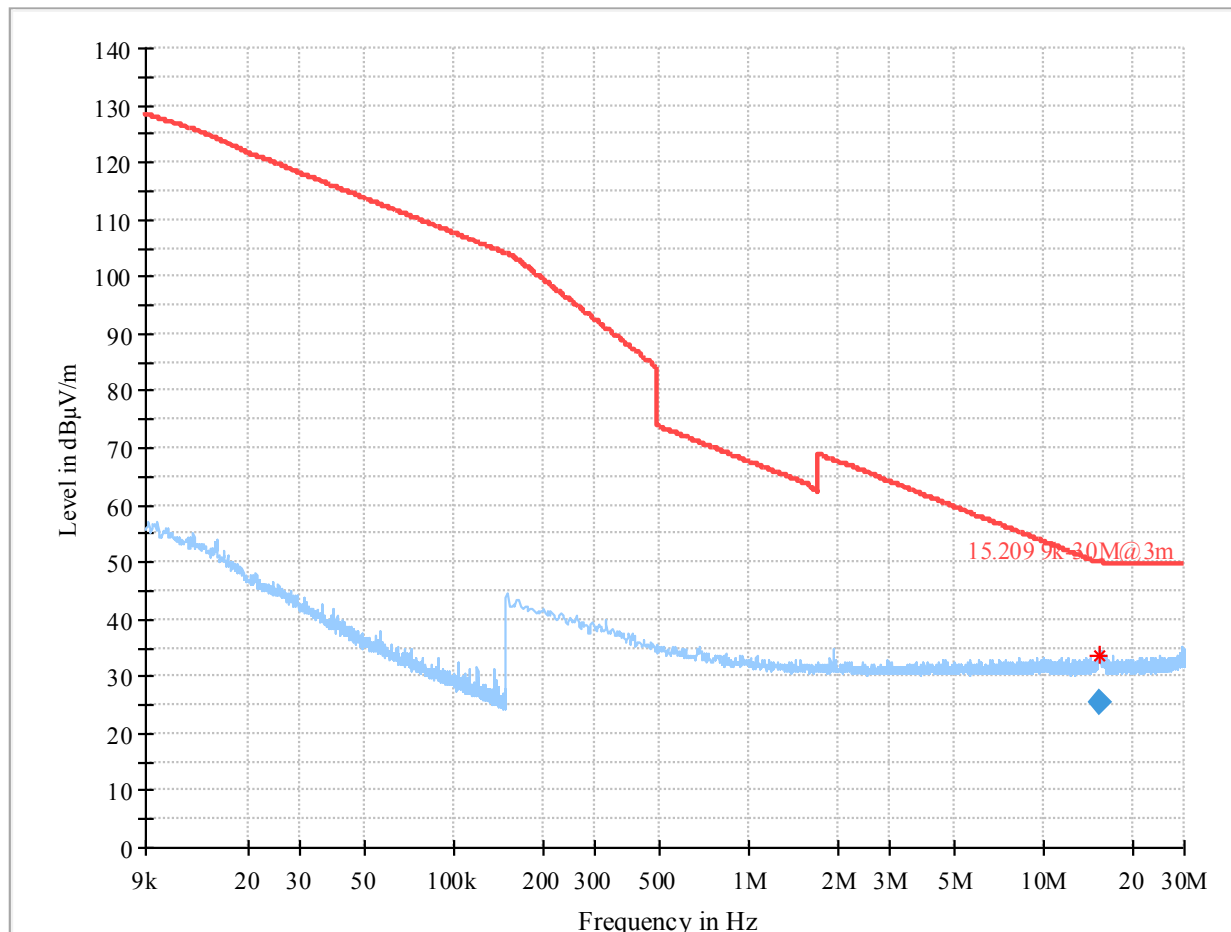


Plot 65: Mode 1, BEC, high channel 39, 2480 MHz



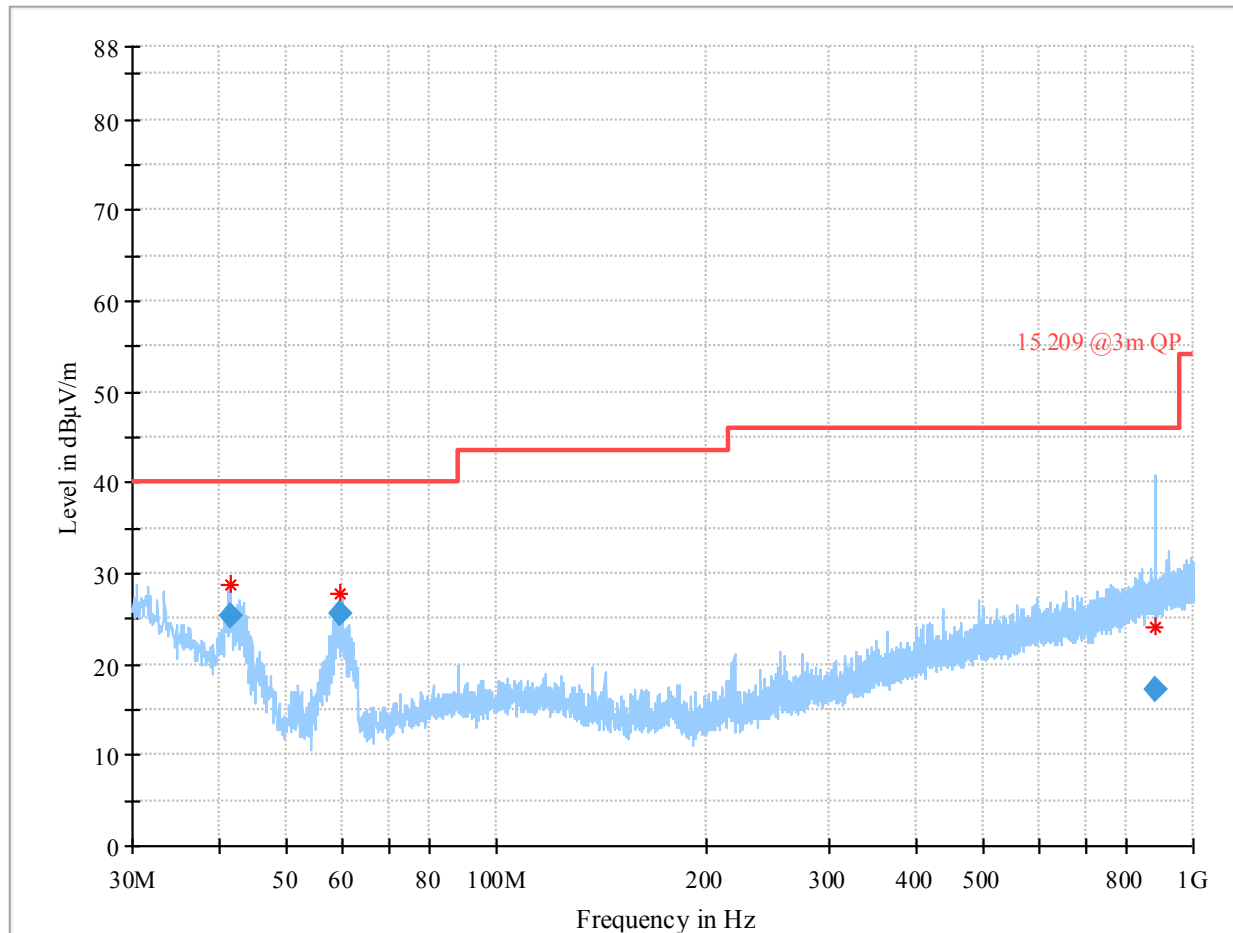
2.7.4 Radiated Spurious Emissions (RSE)

Plot 66: Mode 1, RSE 9 kHz – 30 MHz, low channel, 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)
15.535500	25.27	50.03	24.76	100.0	9.000	V	5.0	20.5

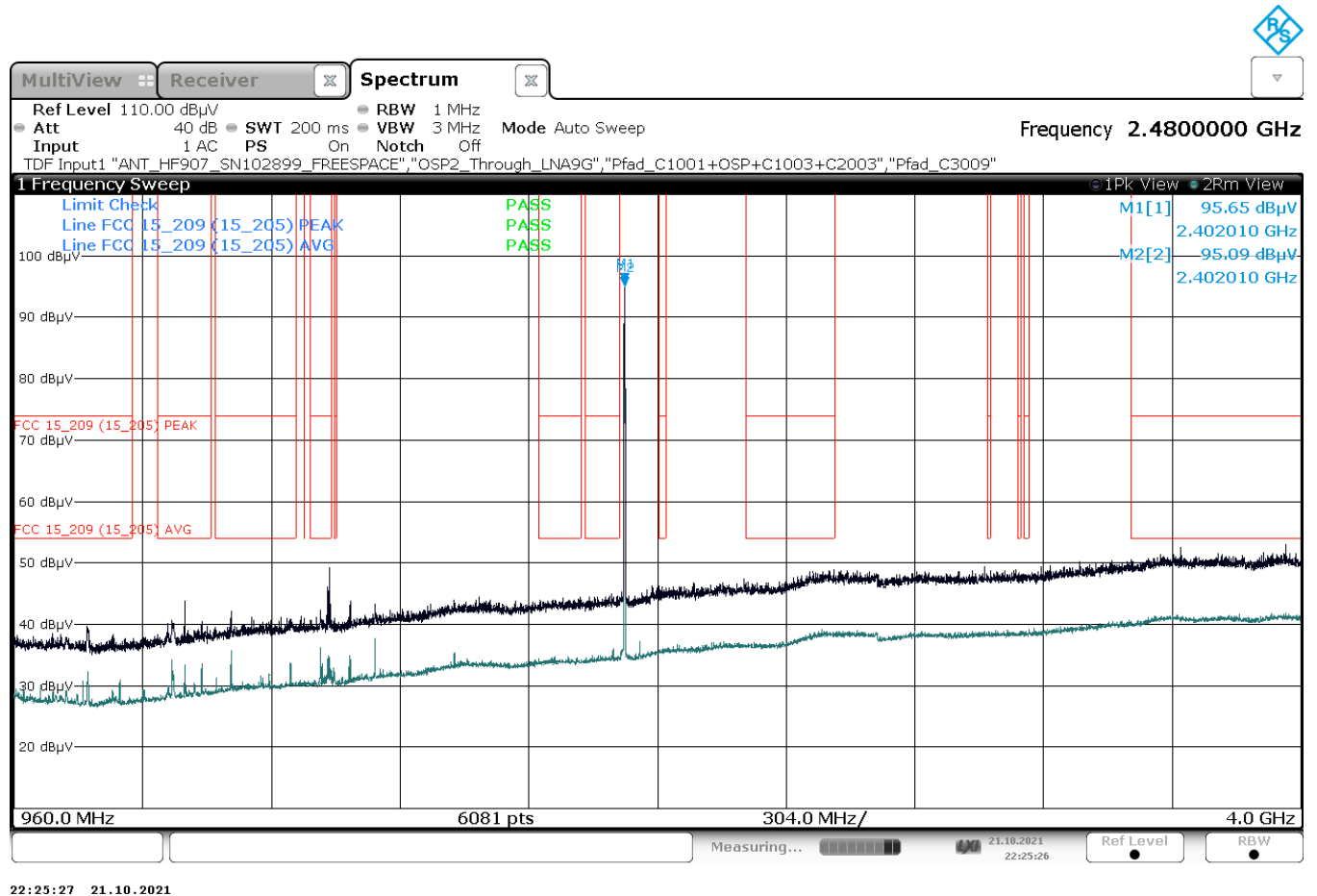
Plot 67: Mode 1, RSE 30 MHz – 1 GHz, low channel, horizontal / vertical polarisation



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
41.528500	25.41	40.00	14.59	100.0	120.000	103.0	H	89.0
59.676000	25.52	40.00	14.48	100.0	120.000	136.0	V	142.0
882.909000	17.14	46.00	28.86	100.0	120.000	250.0	V	256.0

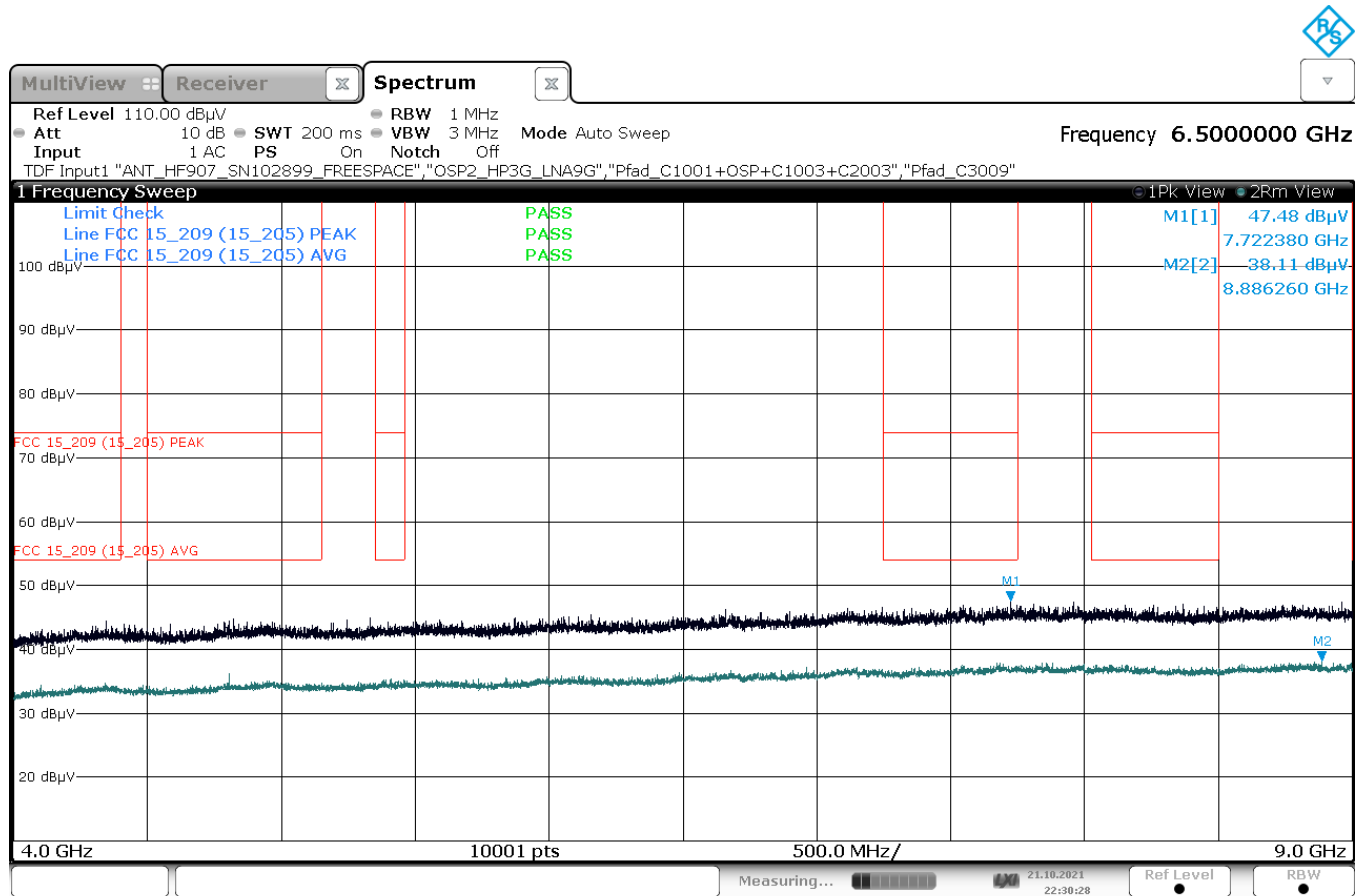
Annex A of TR no.: 21086128-23000-1

Plot 68: Mode 1, RSE 1 GHz – 4 GHz, low channel, horizontal / vertical polarisation



Annex A of TR no.: 21086128-23000-1

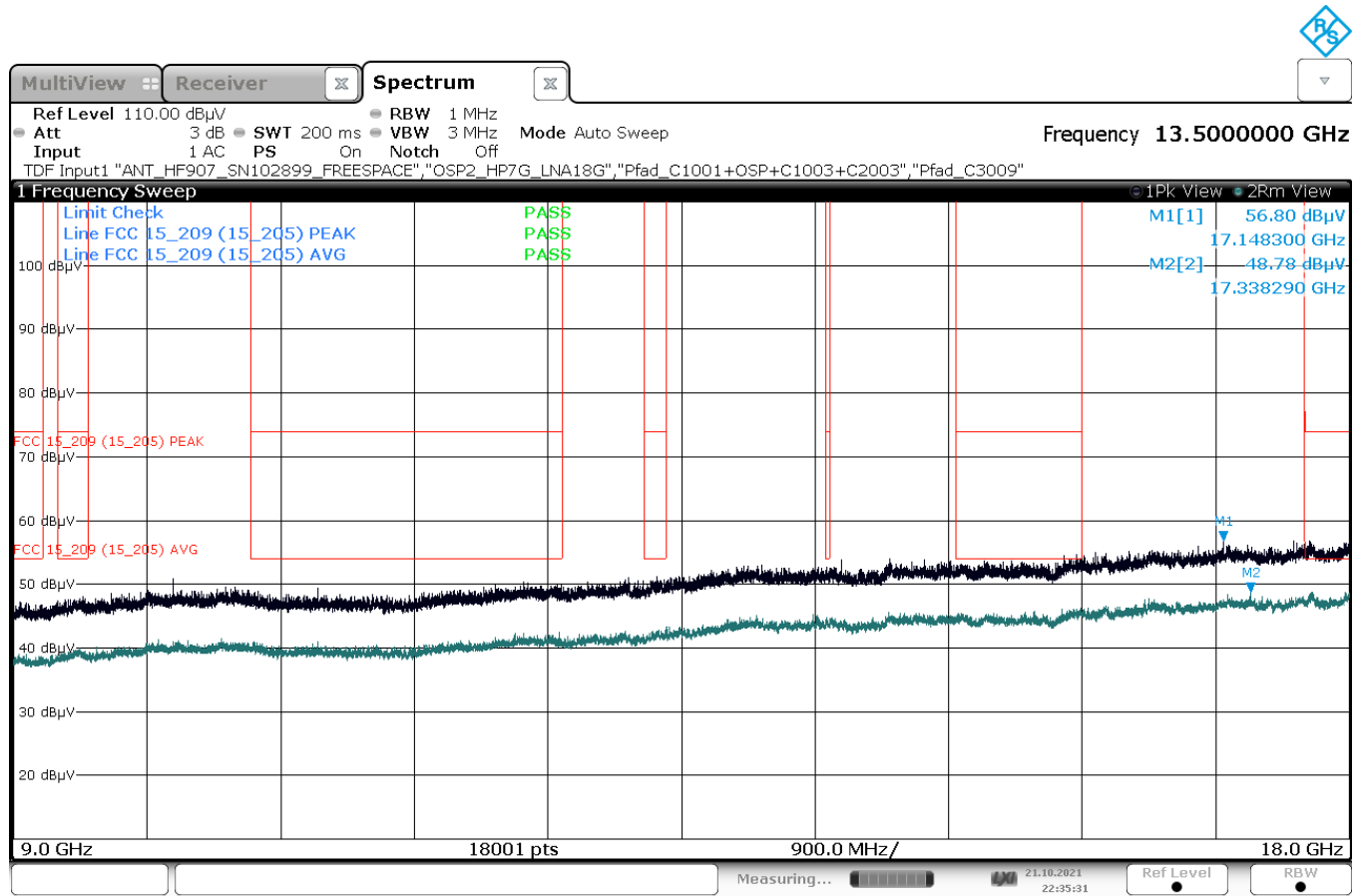
Plot 69: Mode 1, RSE 4 GHz – 9 GHz, low channel, horizontal / vertical polarisation



22:30:29 21.10.2021

Annex A of TR no.: 21086128-23000-1

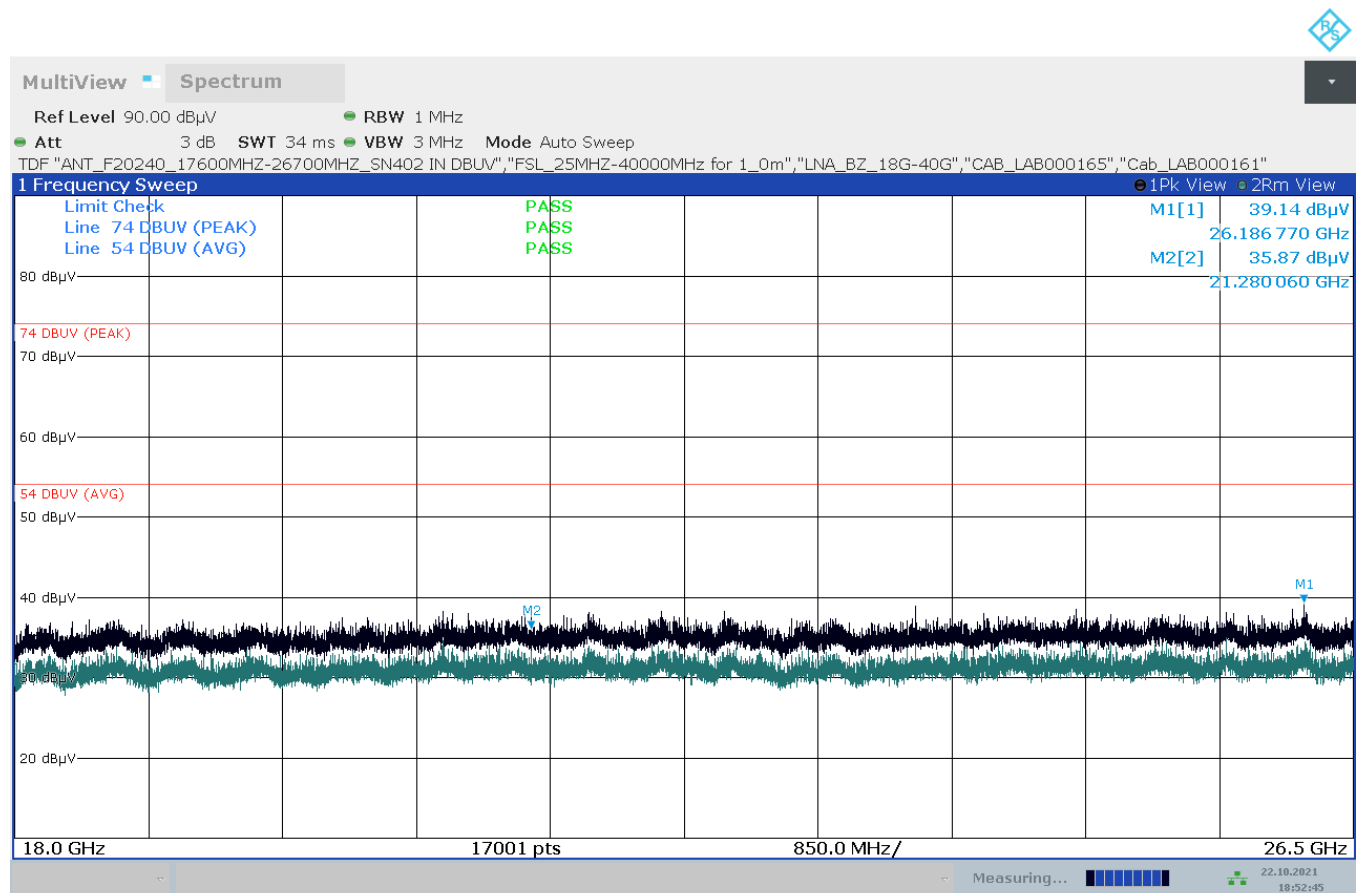
Plot 70: Mode 1, RSE 9 GHz – 18 GHz, low channel, horizontal / vertical polarisation



22:35:32 21.10.2021

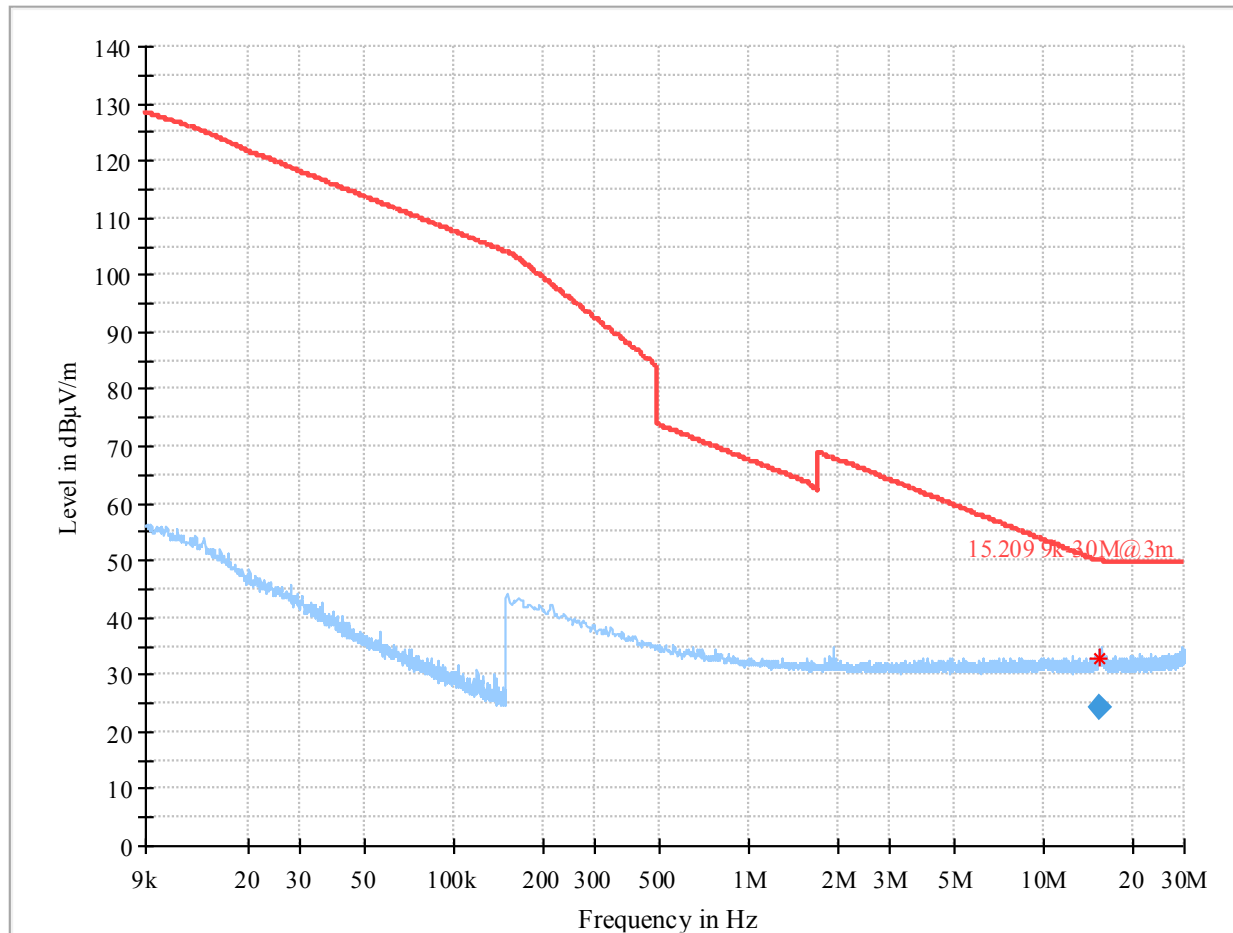
Annex A of TR no.: 21086128-23000-1

Plot 71: Mode 1, RSE 18 GHz – 26.5 GHz, low channel, horizontal / vertical polarisation



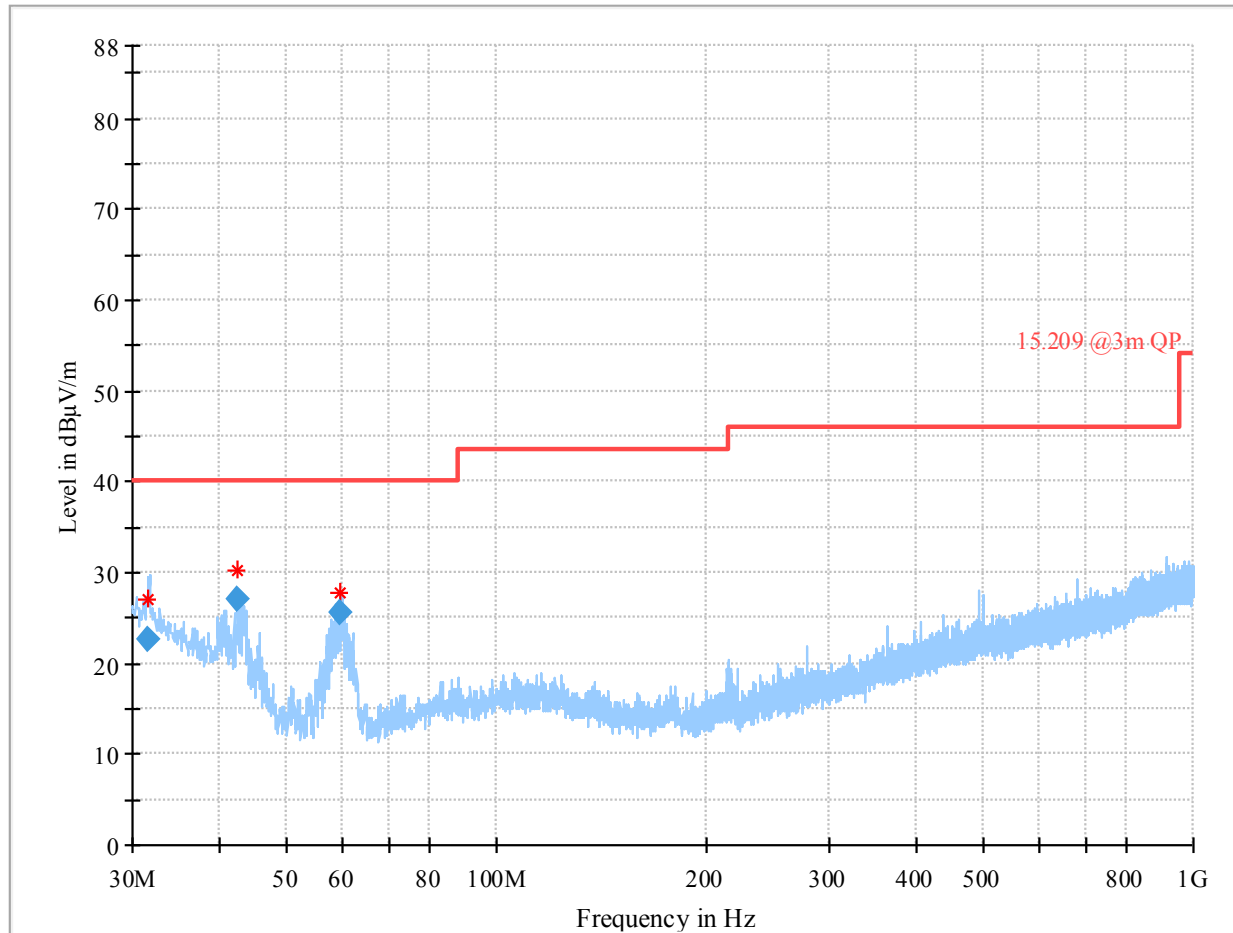
18:52:45 22.10.2021

Plot 72: Mode 1, RSE 9 kHz – 30 MHz, high channel, loop antenna



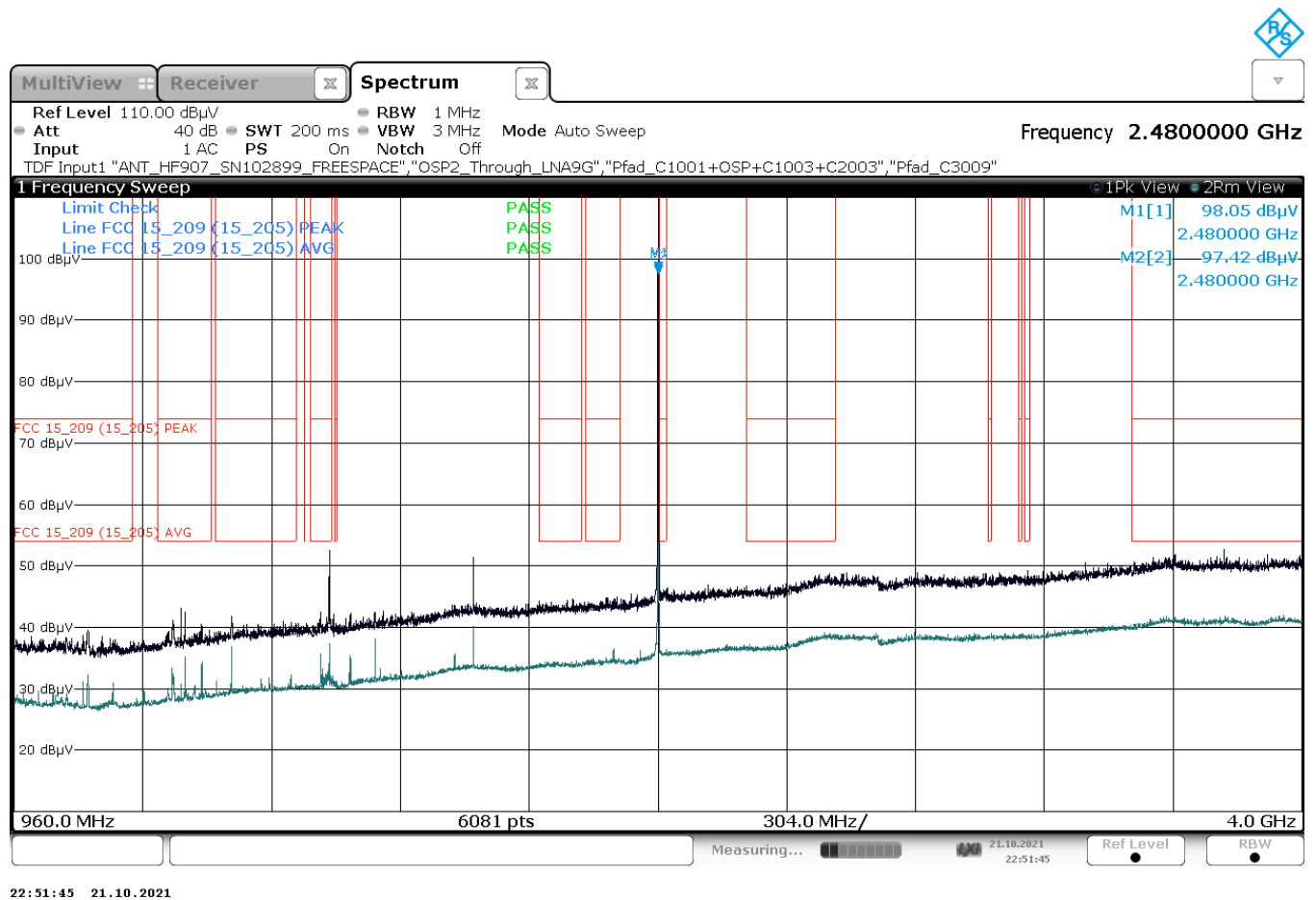
Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
15.578250	24.34	50.03	25.69	100.0	9.000	V	150.0	20.5

Plot 73: Mode 1, RSE 30 MHz – 1 GHz, high channel, horizontal / vertical polarisation



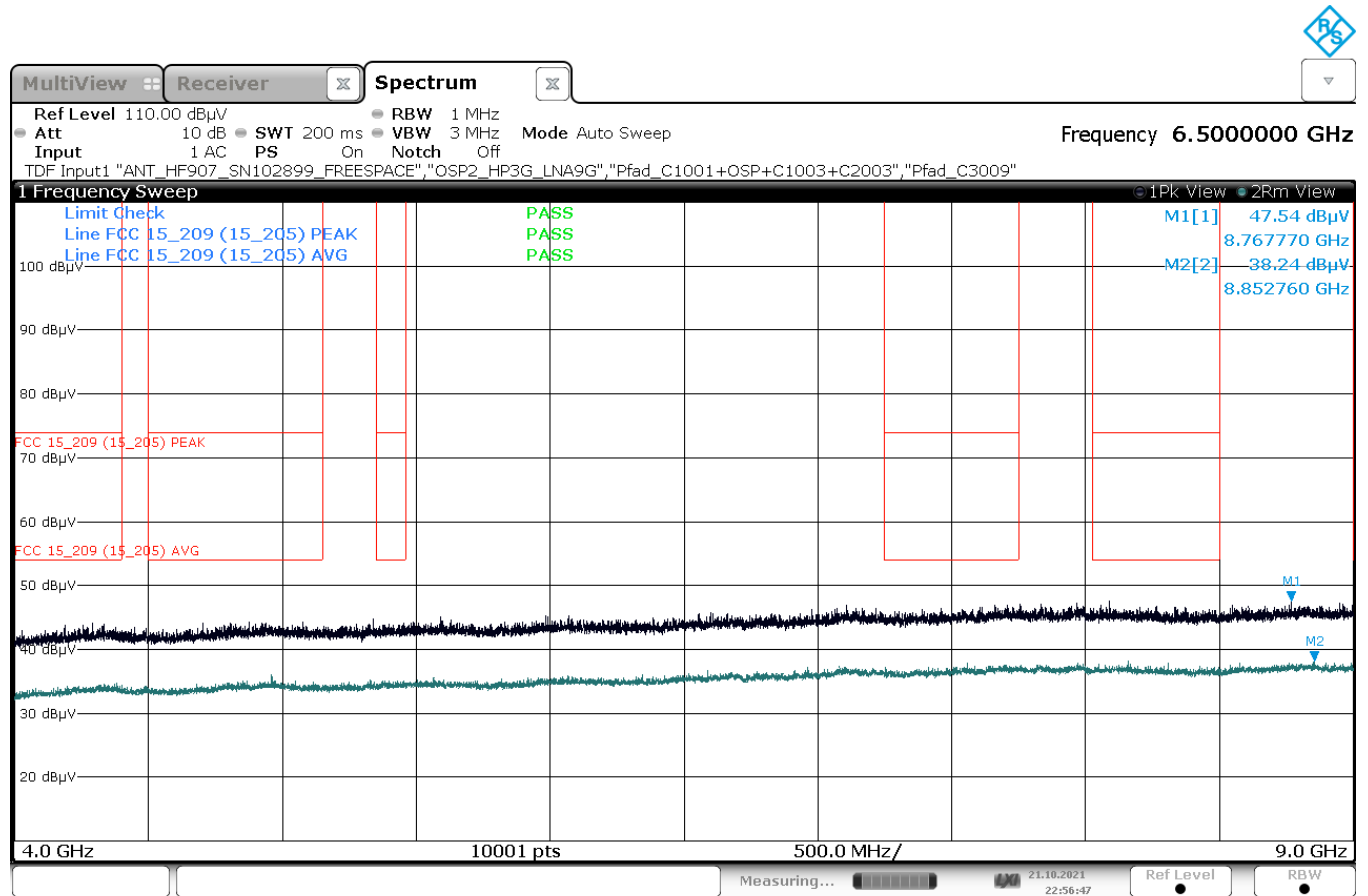
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.594500	22.59	40.00	17.41	100.0	120.000	123.0	H	141.0
42.523000	27.10	40.00	12.90	100.0	120.000	148.0	V	213.0
59.426000	25.47	40.00	14.53	100.0	120.000	150.0	V	217.0

Plot 74: Mode 1, RSE 1 GHz – 4 GHz, high channel, horizontal / vertical polarisation



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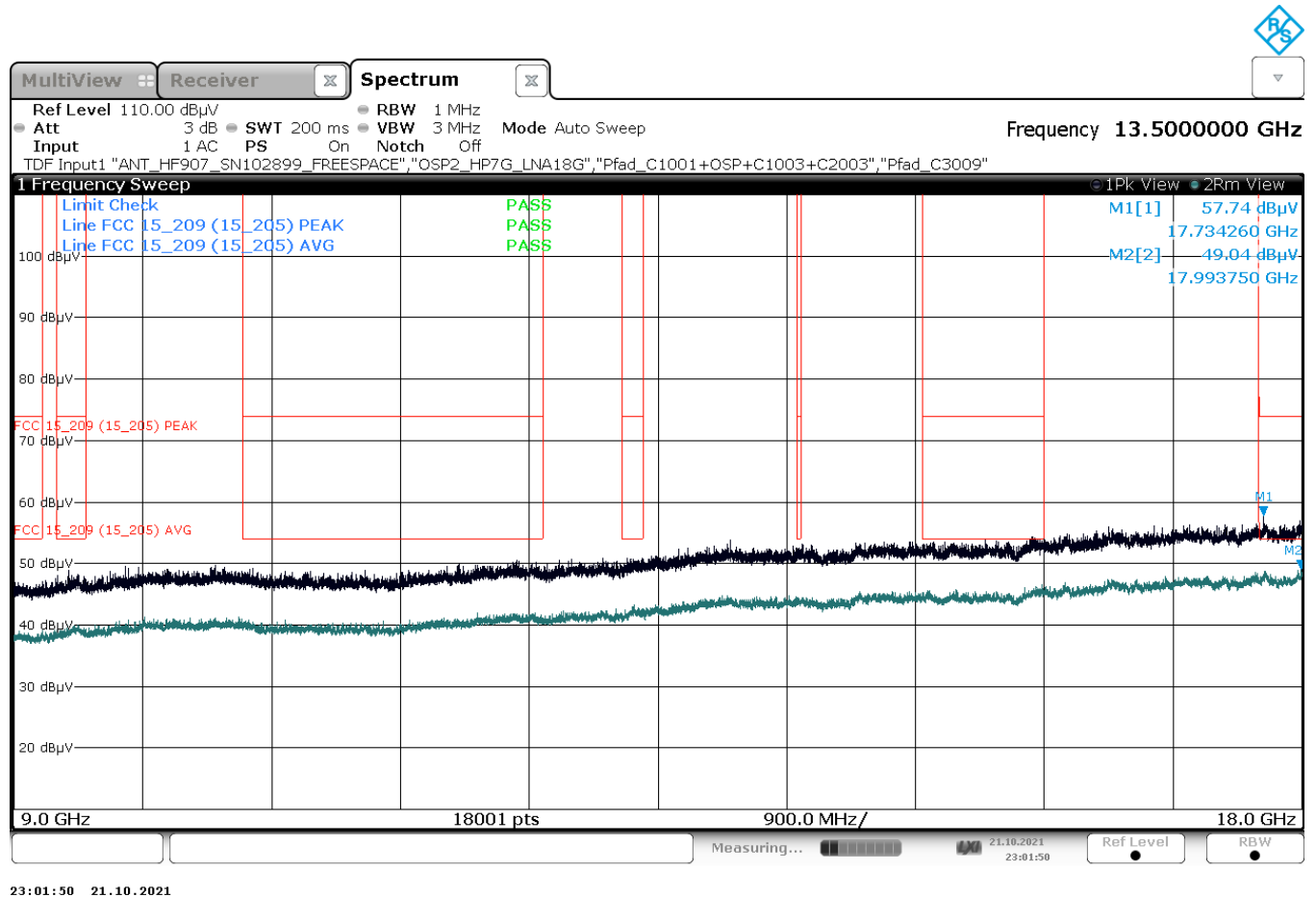
Plot 75: Mode 1, RSE 4 GHz – 9 GHz, high channel, horizontal / vertical polarisation



22:56:47 21.10.2021

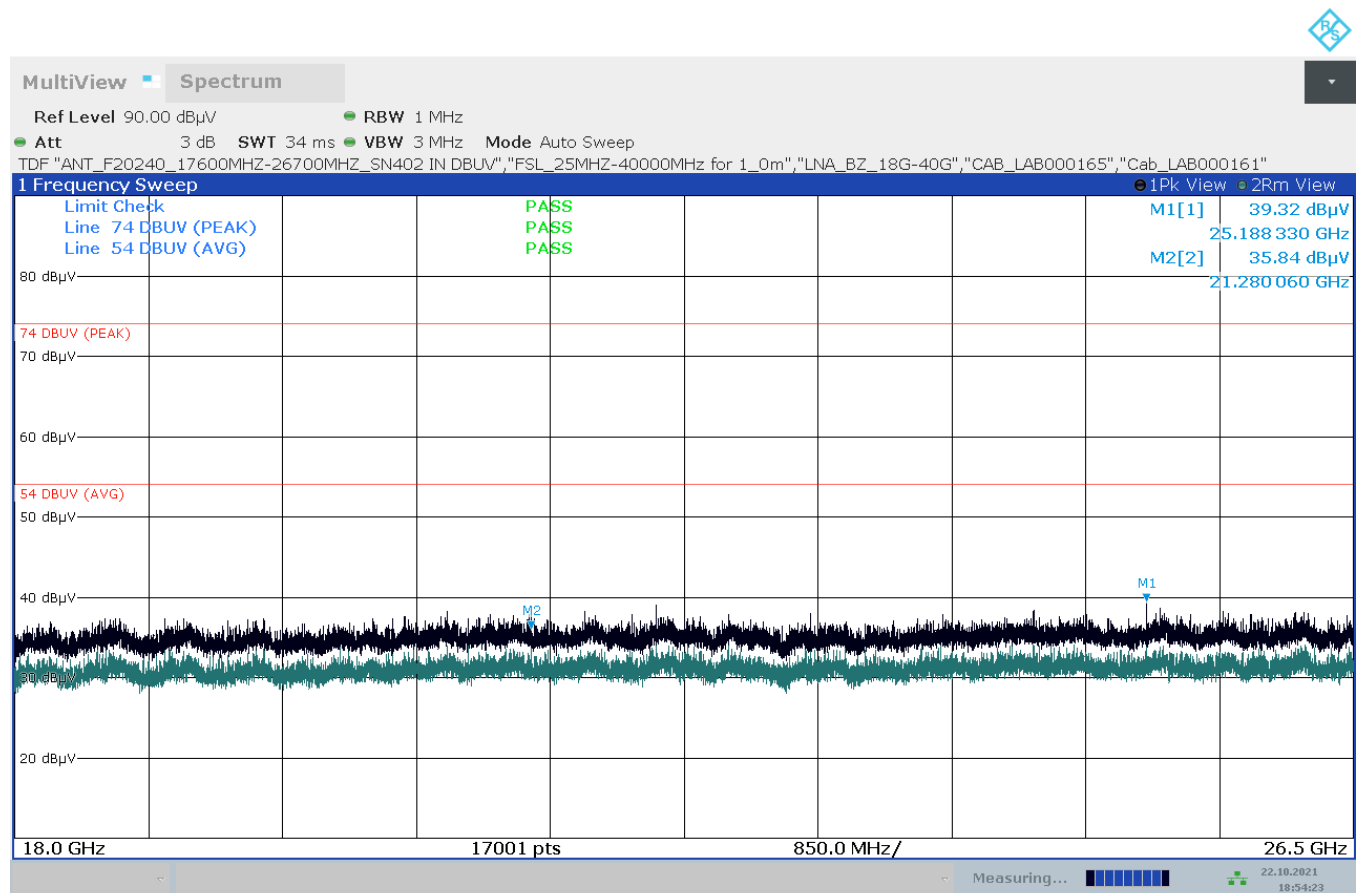
Annex A of TR no.: 21086128-23000-1

Plot 76: Mode 1, RSE 9 GHz – 18 GHz, high channel, horizontal / vertical polarisation



Annex A of TR no.: 21086128-23000-1

Plot 77: Mode 1, RSE 18 GHz – 26.5 GHz, high channel, horizontal / vertical polarisation



18:54:23 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 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013 11.9.1.1

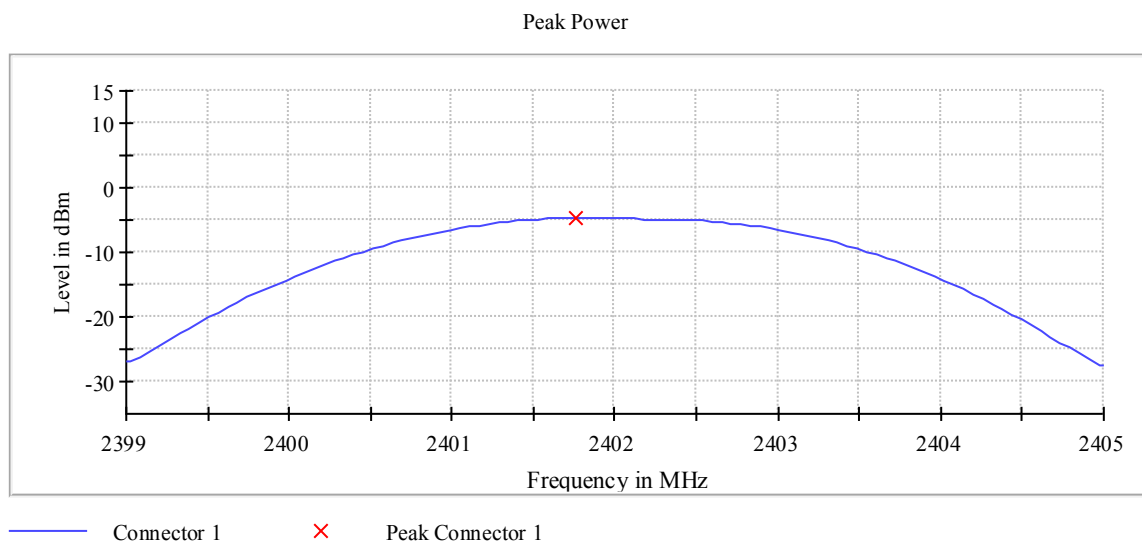
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
 Expanded Combined Uncertainty of absolute Level Measurement (K=2) < 1 dB

DUT Information

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

Plot 78: Test Mode 1, GFSK, 1 Mbit/s, RF output power, low channel 37, 2402 MHz

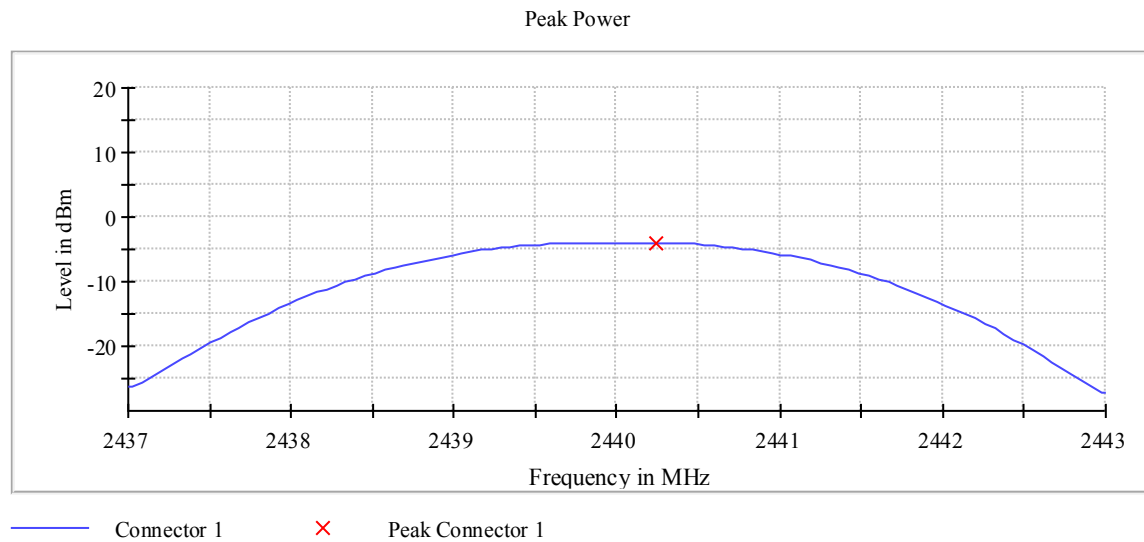
DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	-4.7	30.0	PASS



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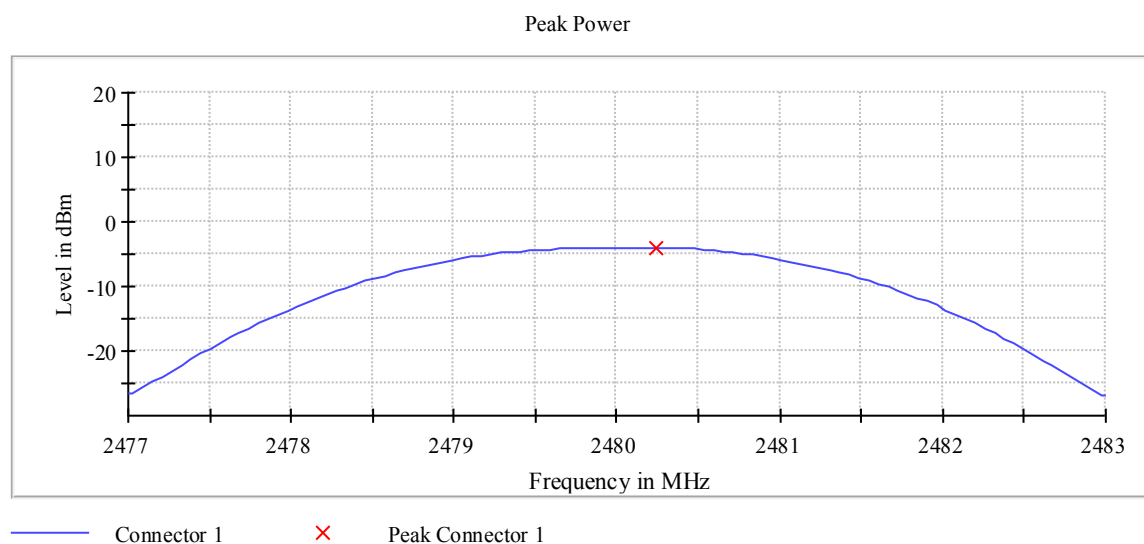
Plot 79: Test Mode 1, GFSK, 1 Mbit/s, RF output power, mid channel 17, 2440 MHz

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2440.000000	-4.1	30.0	PASS



Plot 80: Test Mode 1, GFSK, 1 Mbit/s, RF output power, high channel 39, 2480 MHz

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	-4.0	30.0	PASS

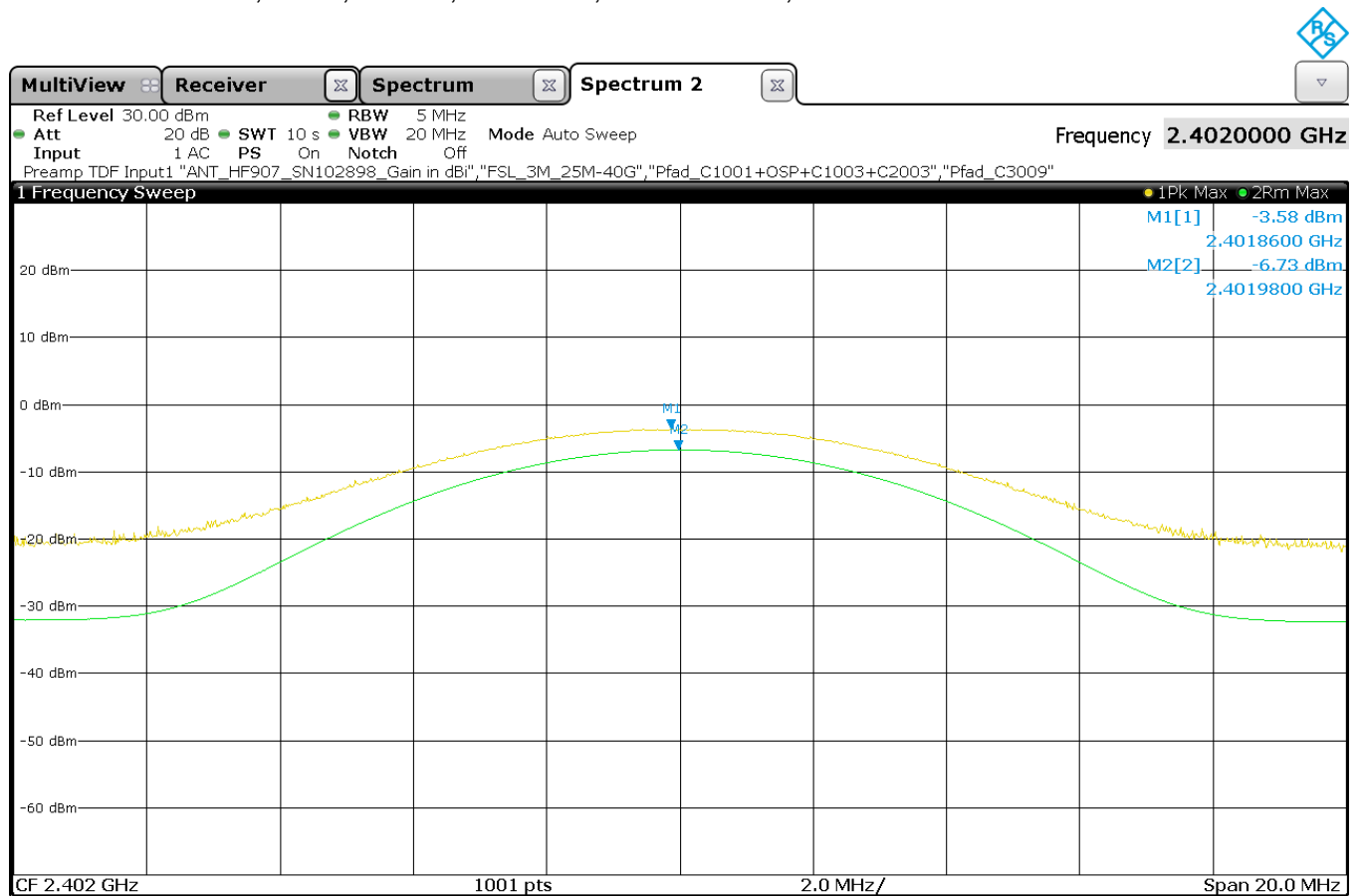


2.8.2 Radiated Peak Power (Peak EIRP)

DUT Information

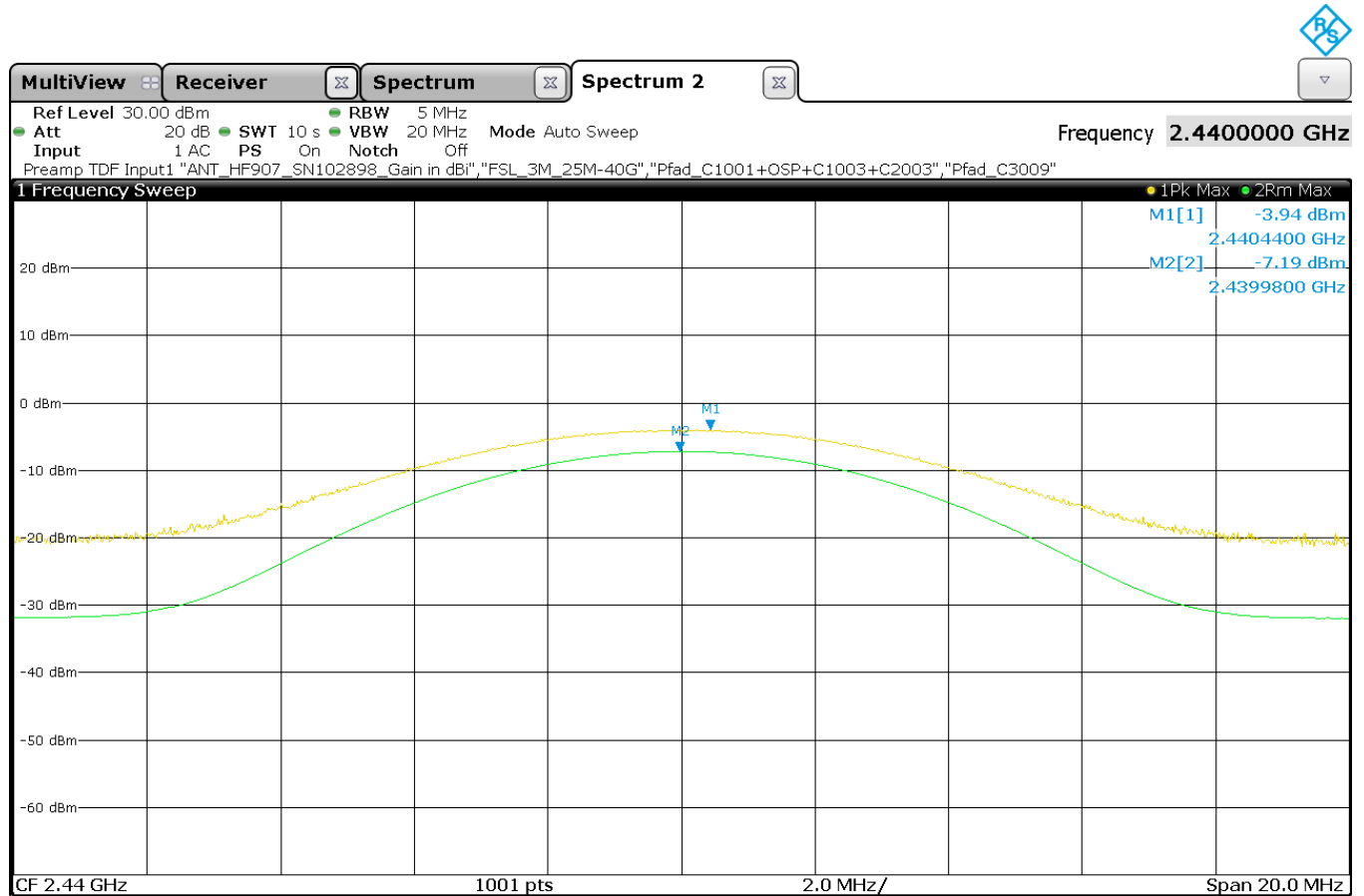
DUT Name: prePV 56
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 65604

Plot 81: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, low channel 37, 2402 MHz



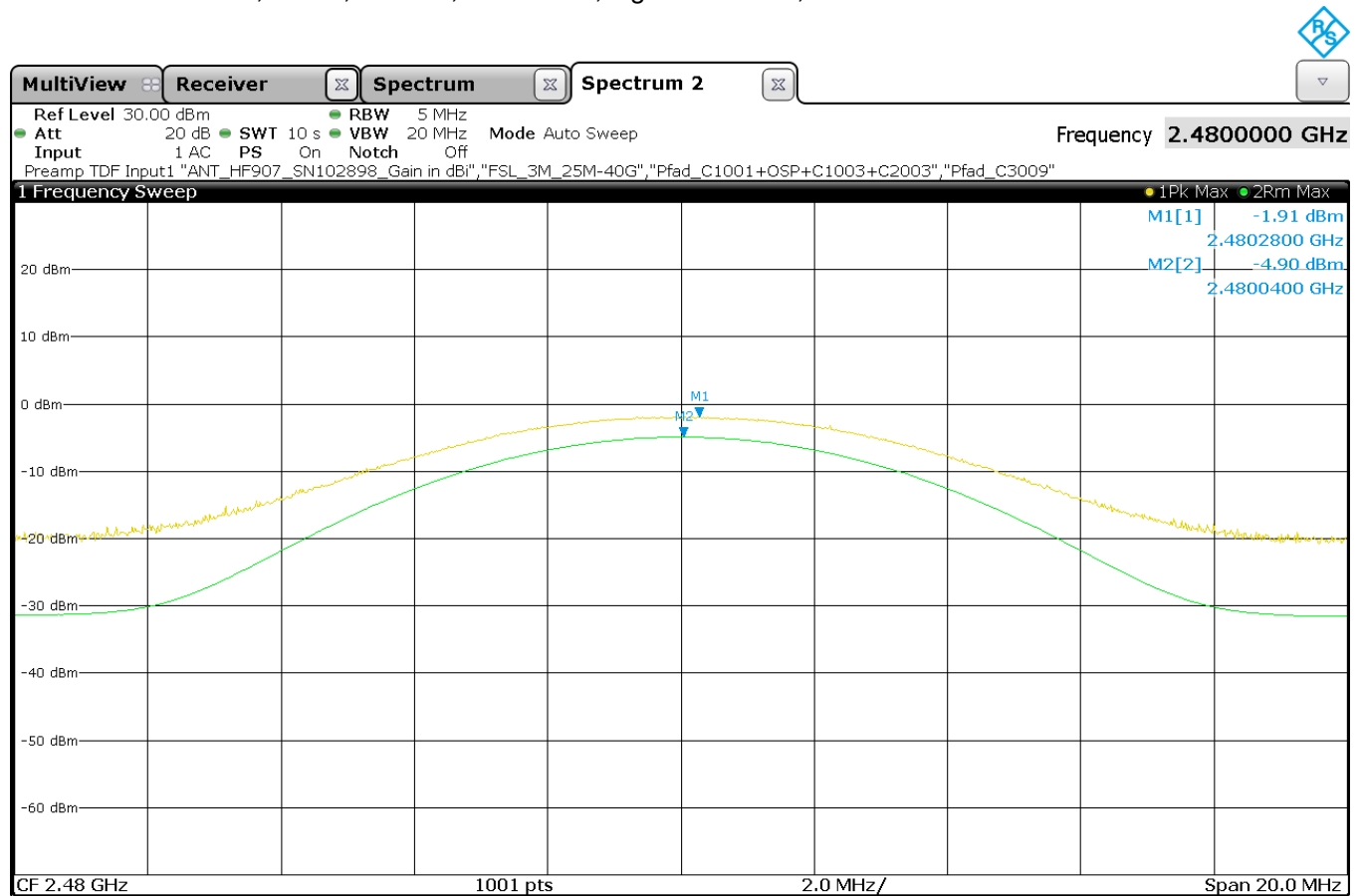
11:14:57 10.11.2021

Plot 82: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, mid channel 17, 2440 MHz



11:18:39 10.11.2021

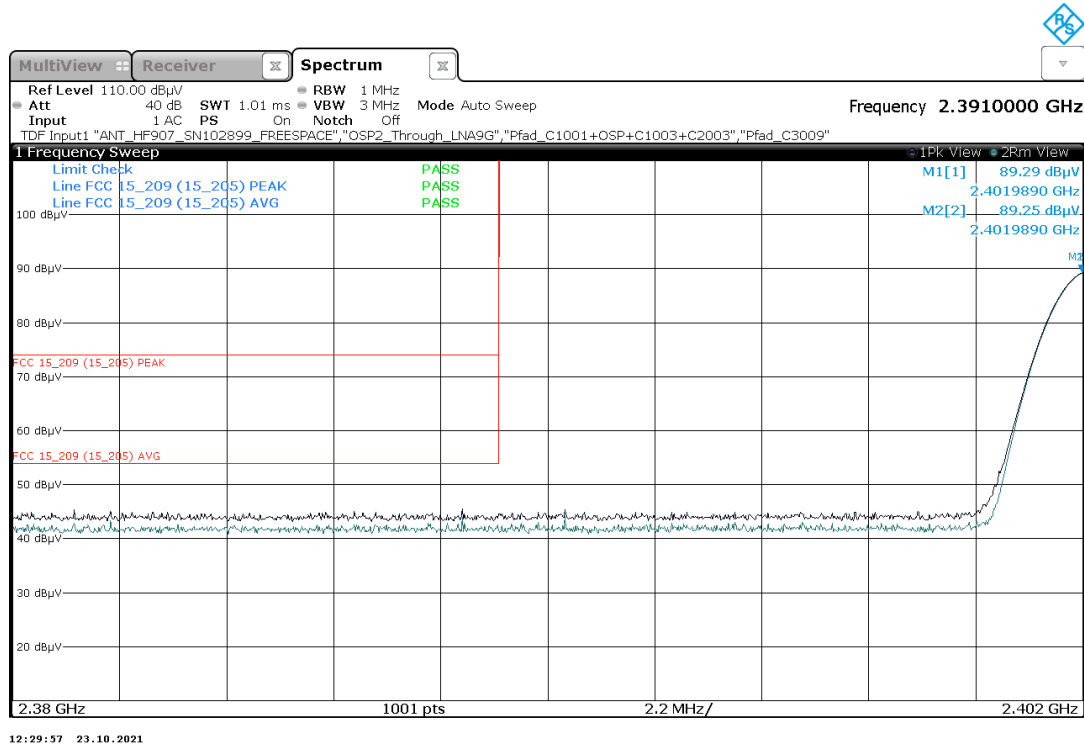
Plot 83: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, high channel 39, 2480 MHz



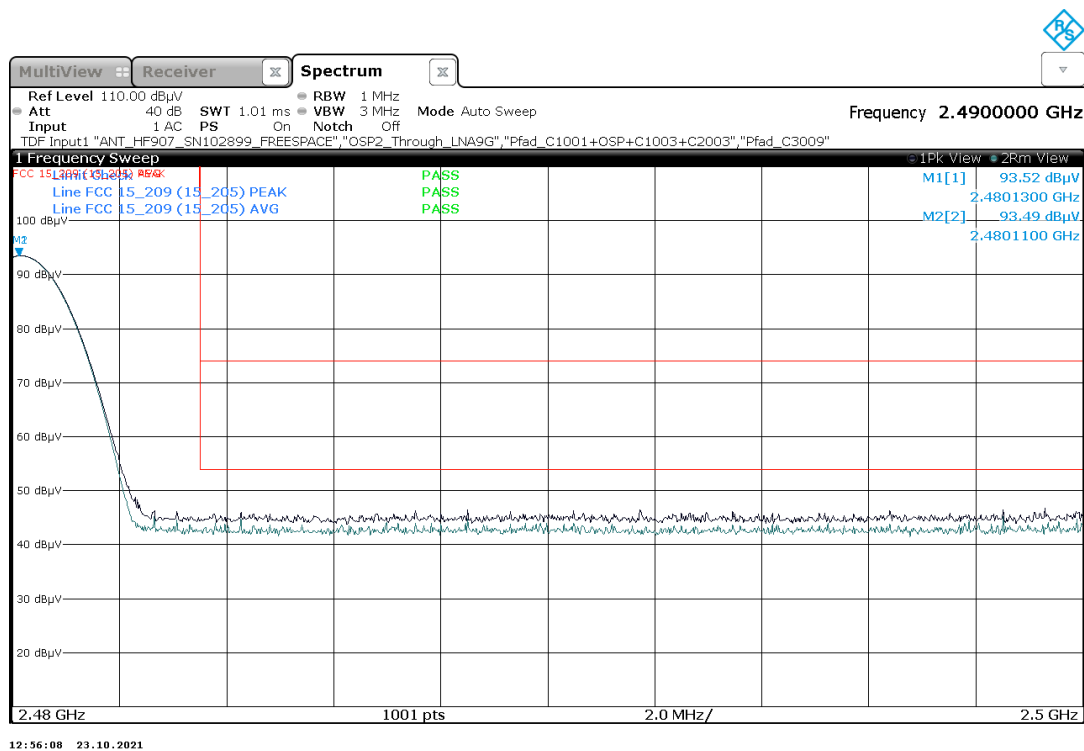
11:25:46 10.11.2021

2.8.3 Band Edge Compliance (BEC), radiated

Plot 84: Mode 1, BEC, low channel 37, 2402 MHz

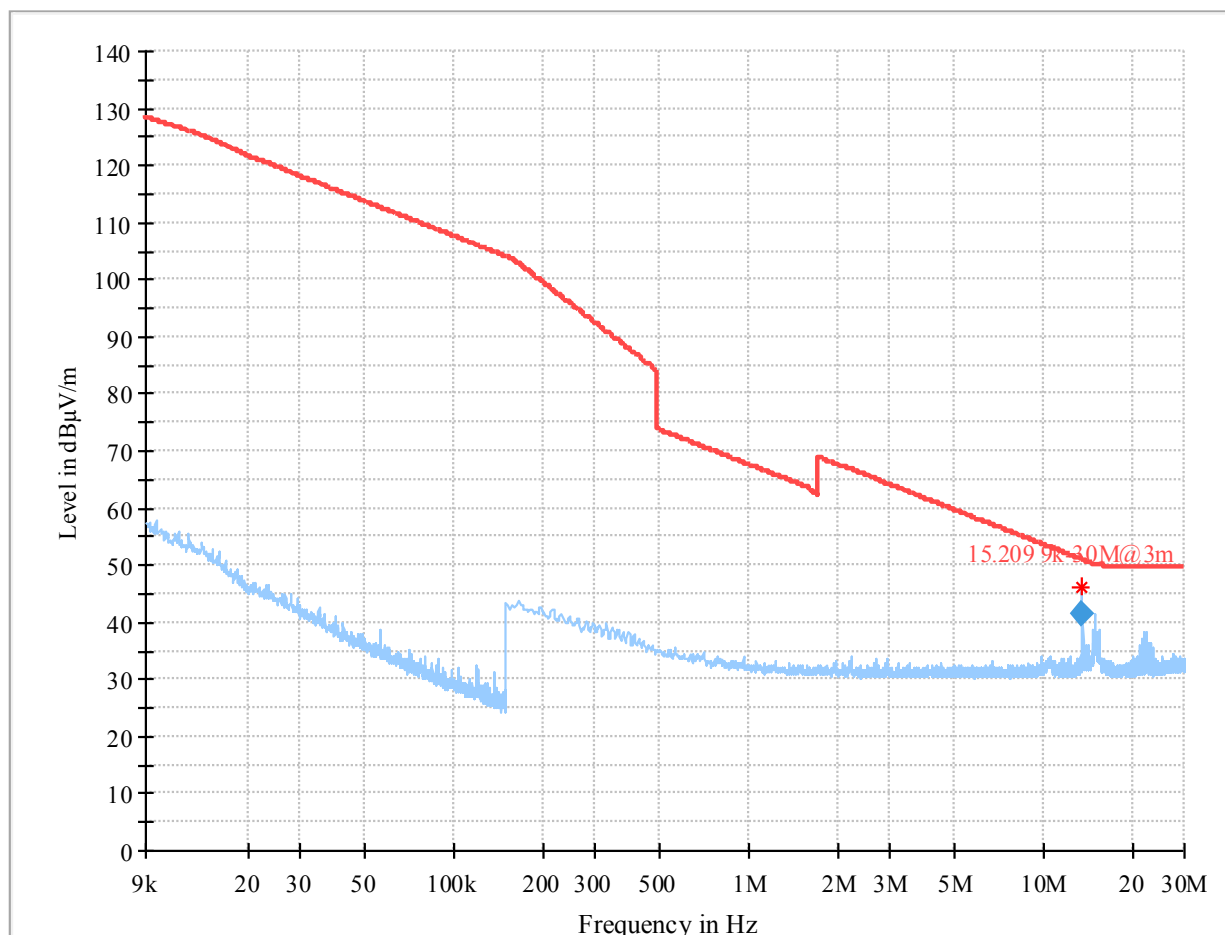


Plot 85: Mode 1, BEC, high channel 39, 2480 MHz



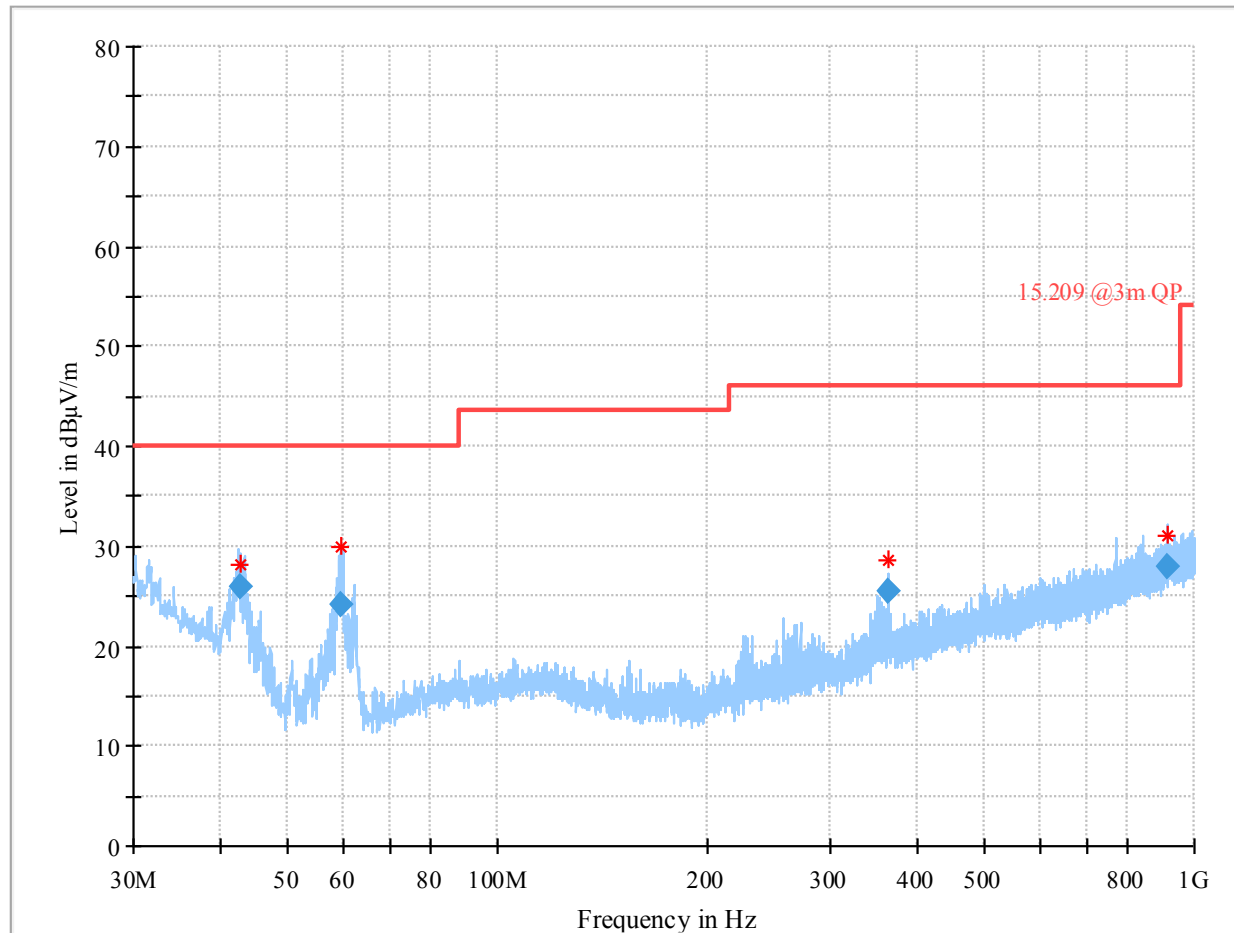
2.8.4 Radiated Spurious Emissions (RSE)

Plot 86: Mode 1, RSE 9 kHz – 30 MHz, low channel, loop antenna



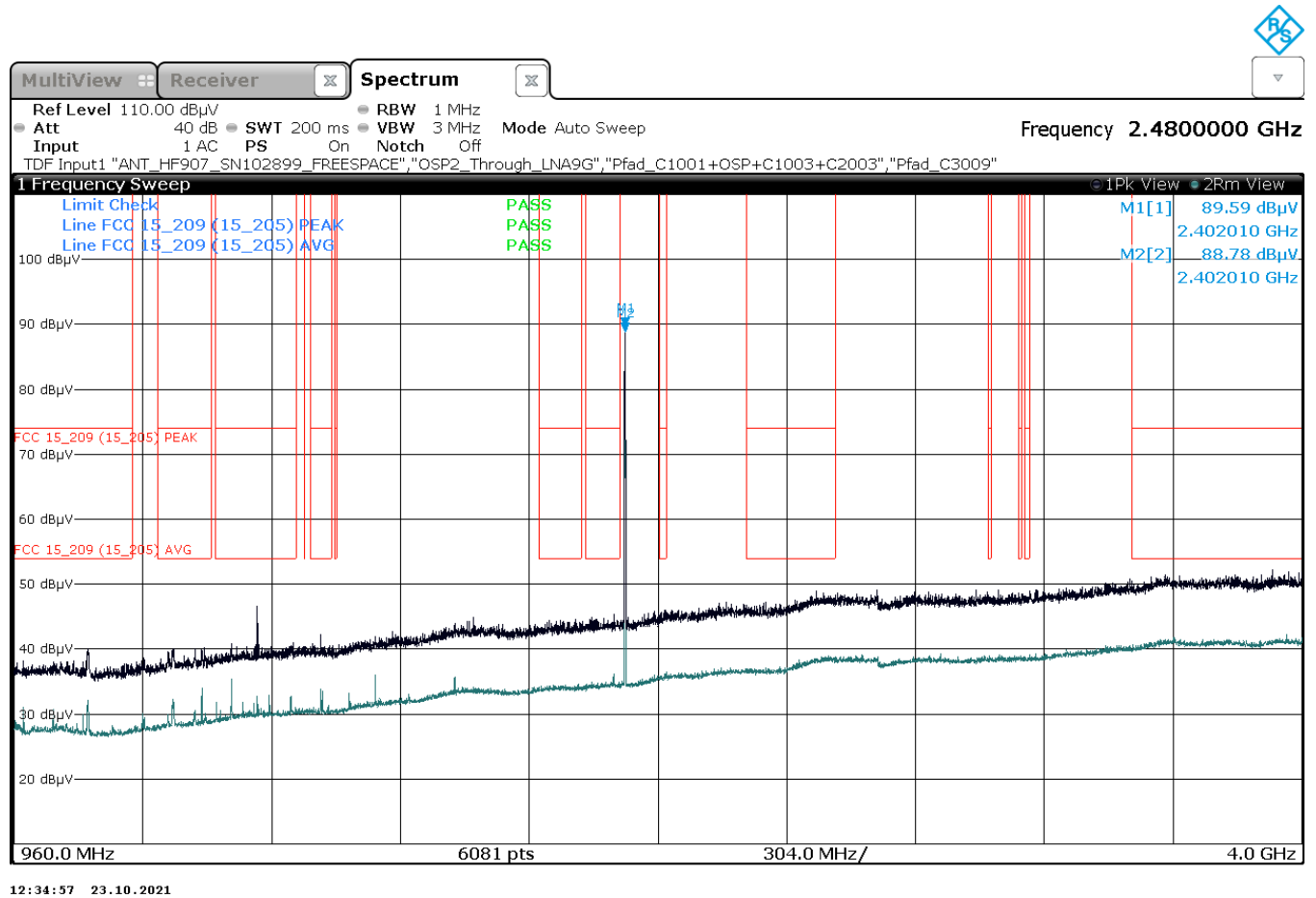
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	41.30	50.94	9.64	100.0	9.000	V	30.0	20.5

Plot 87: Mode 1, RSE 30 MHz – 1 GHz, low channel, horizontal / vertical polarisation



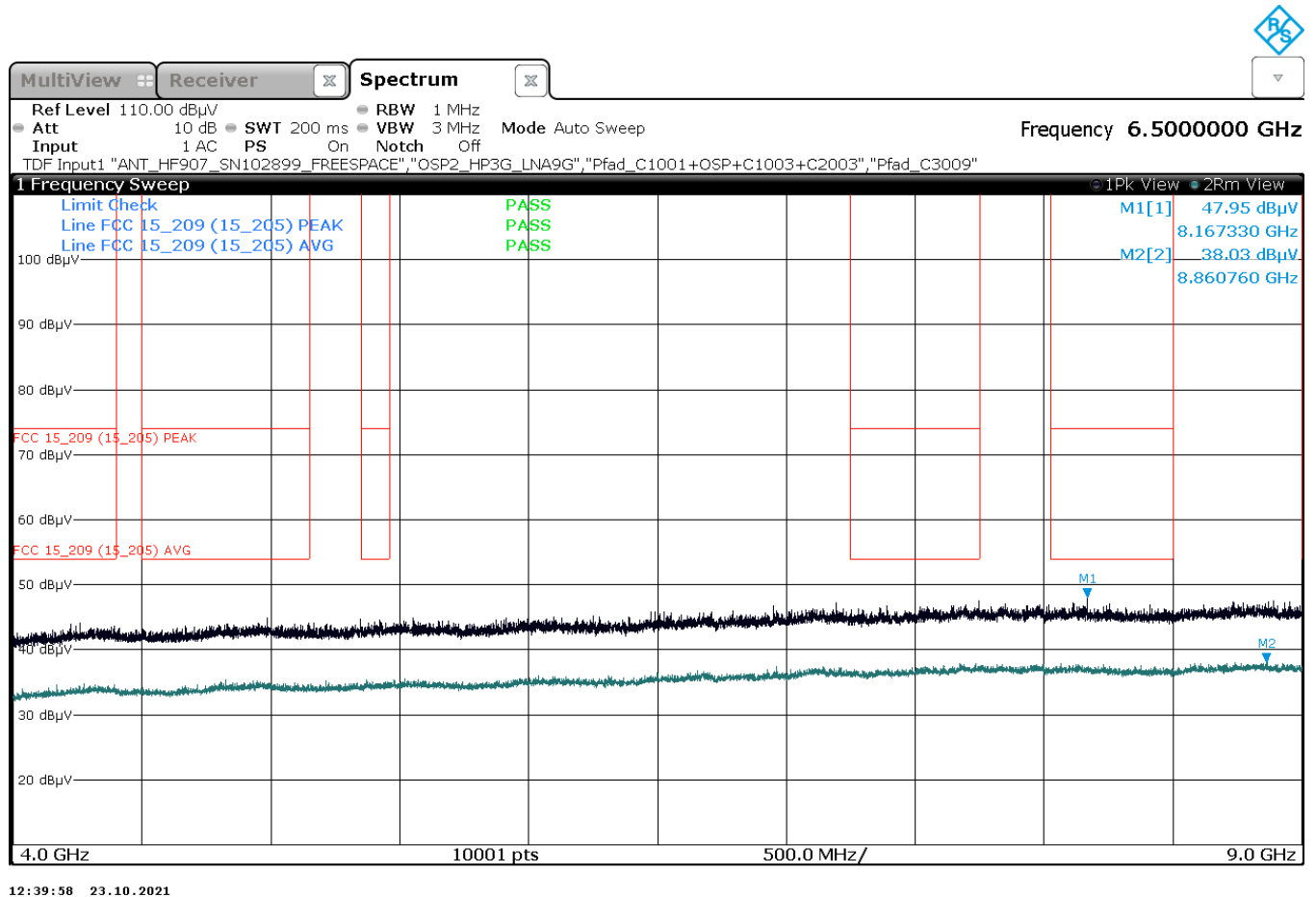
Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
42.738000	25.87	40.00	14.13	100.0	120.000	100.0	V	256.0
59.432000	24.03	40.00	15.97	100.0	120.000	119.0	V	274.0
364.795500	25.41	46.00	20.59	100.0	120.000	100.0	H	283.0
911.971000	27.86	46.00	18.14	100.0	120.000	100.0	V	346.0

Plot 88: Mode 1, RSE 1 GHz – 4 GHz, low channel, horizontal / vertical polarisation

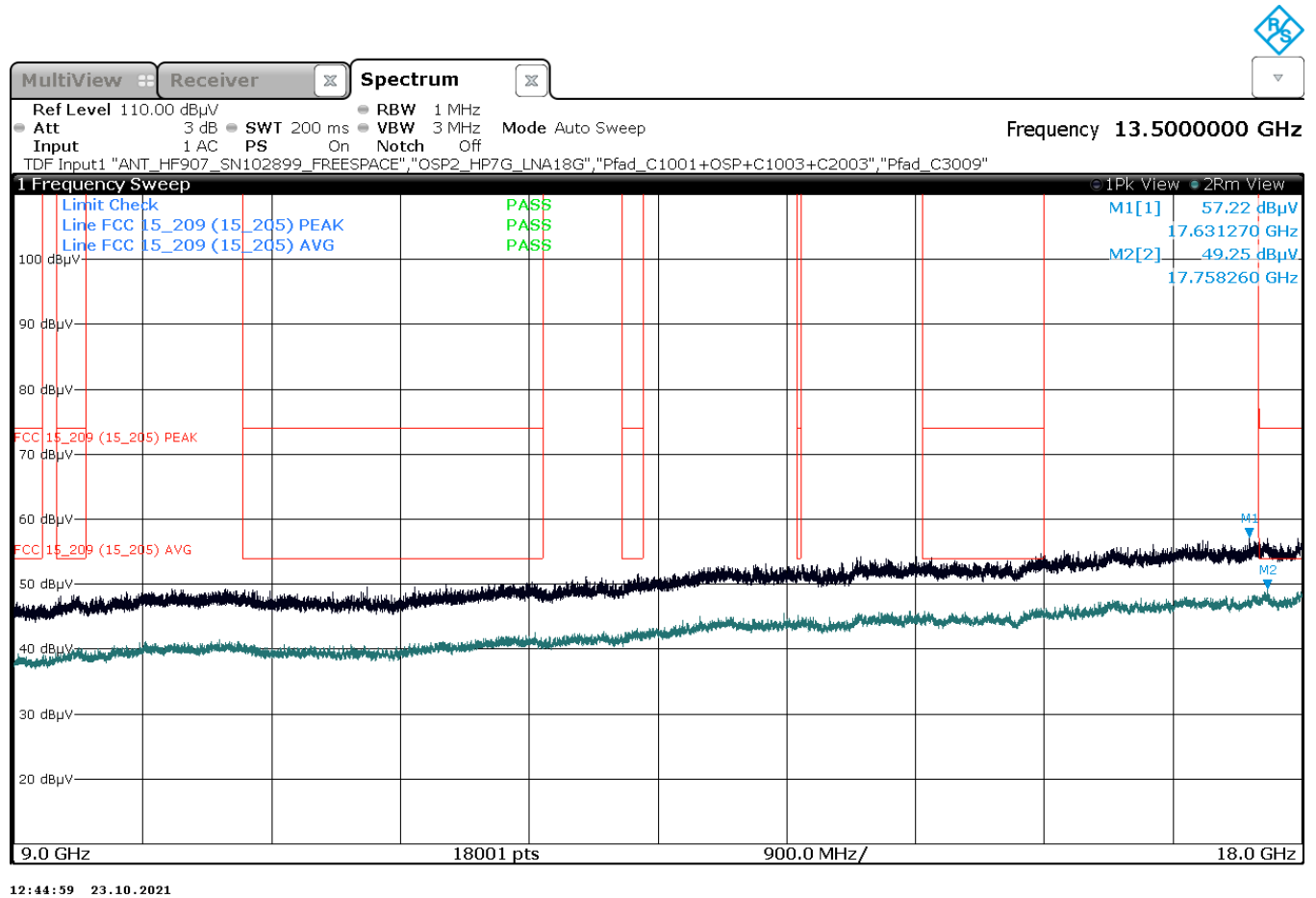


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Plot 89: Mode 1, RSE 4 GHz – 9 GHz, low channel, horizontal / vertical polarisation

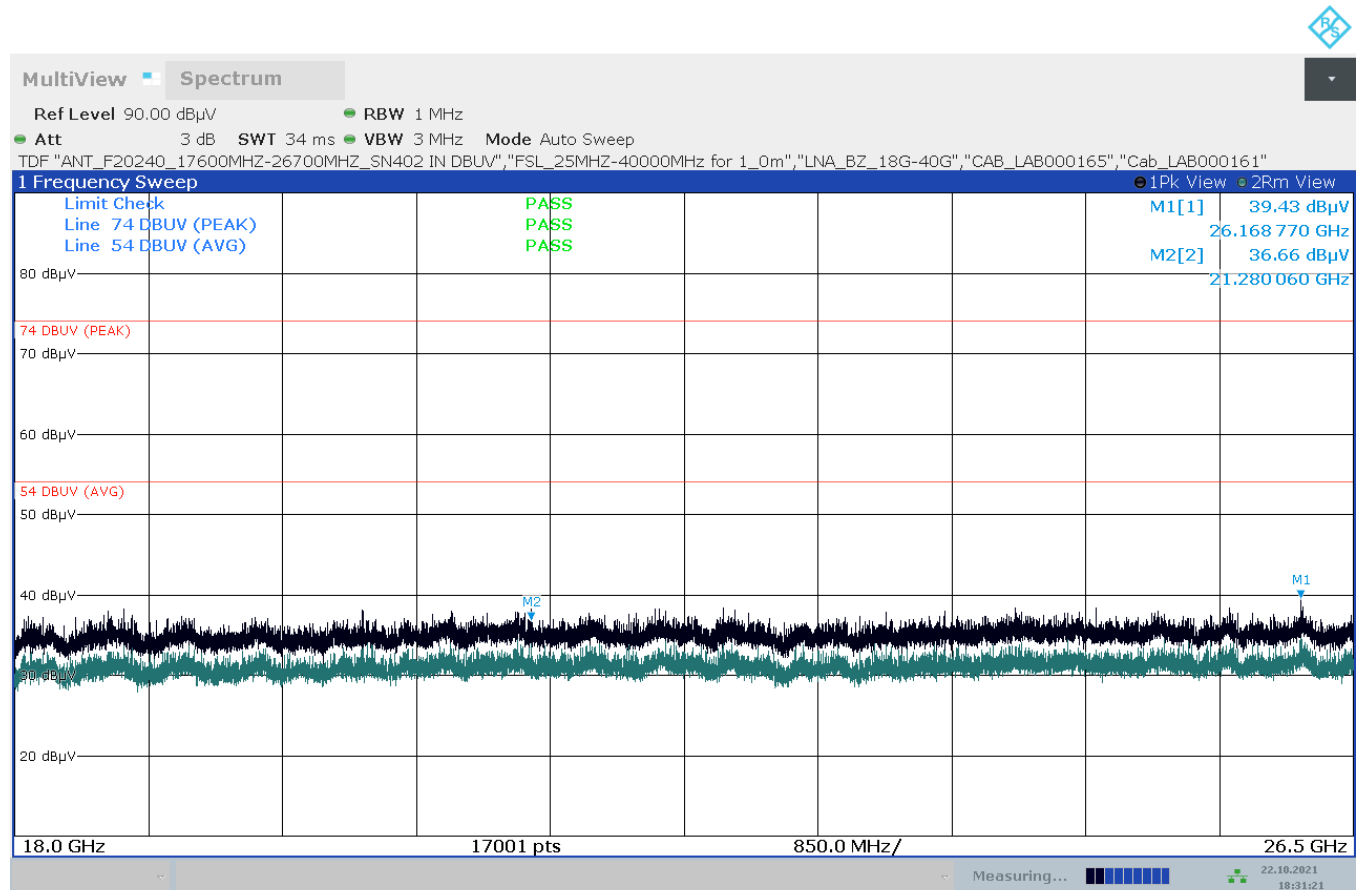


Plot 90: Mode 1, RSE 9 GHz – 18 GHz, low channel, horizontal / vertical polarisation



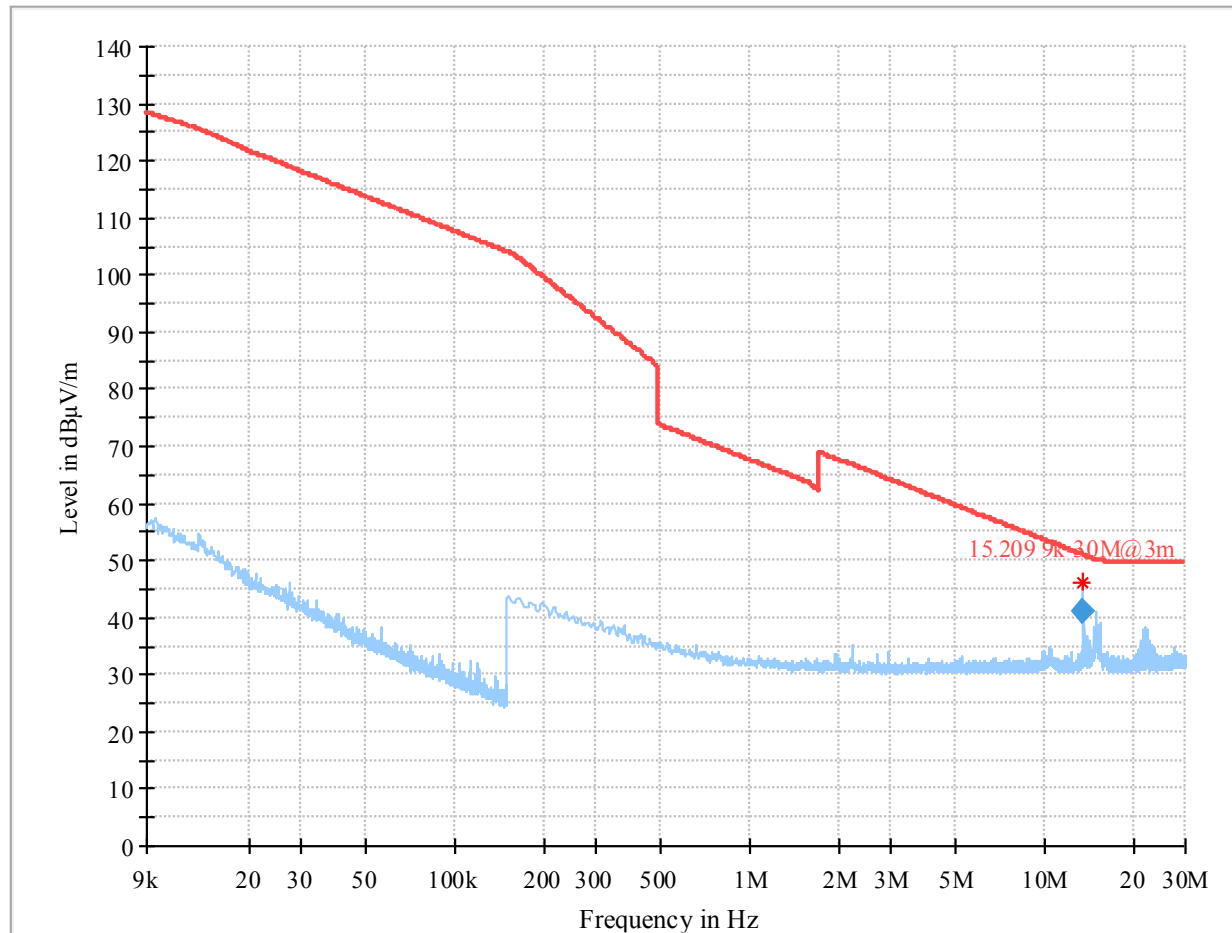
Annex A of TR no.: 21086128-23000-1

Plot 91: Mode 1, RSE 18 GHz – 26.5 GHz, low channel, horizontal / vertical polarisation



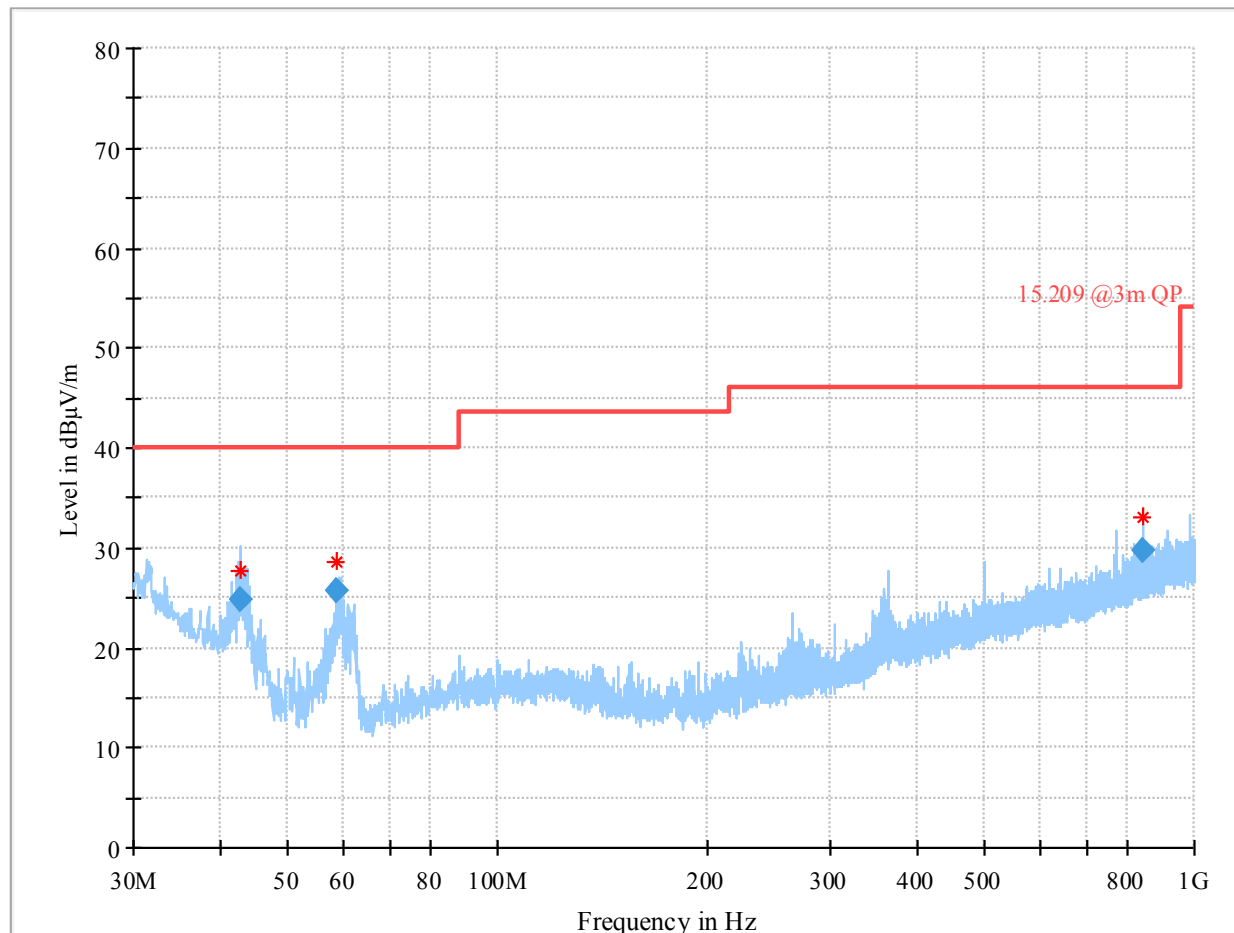
18:31:21 22.10.2021

Plot 92: Mode 1, RSE 9 kHz – 30 MHz, high channel, loop antenna



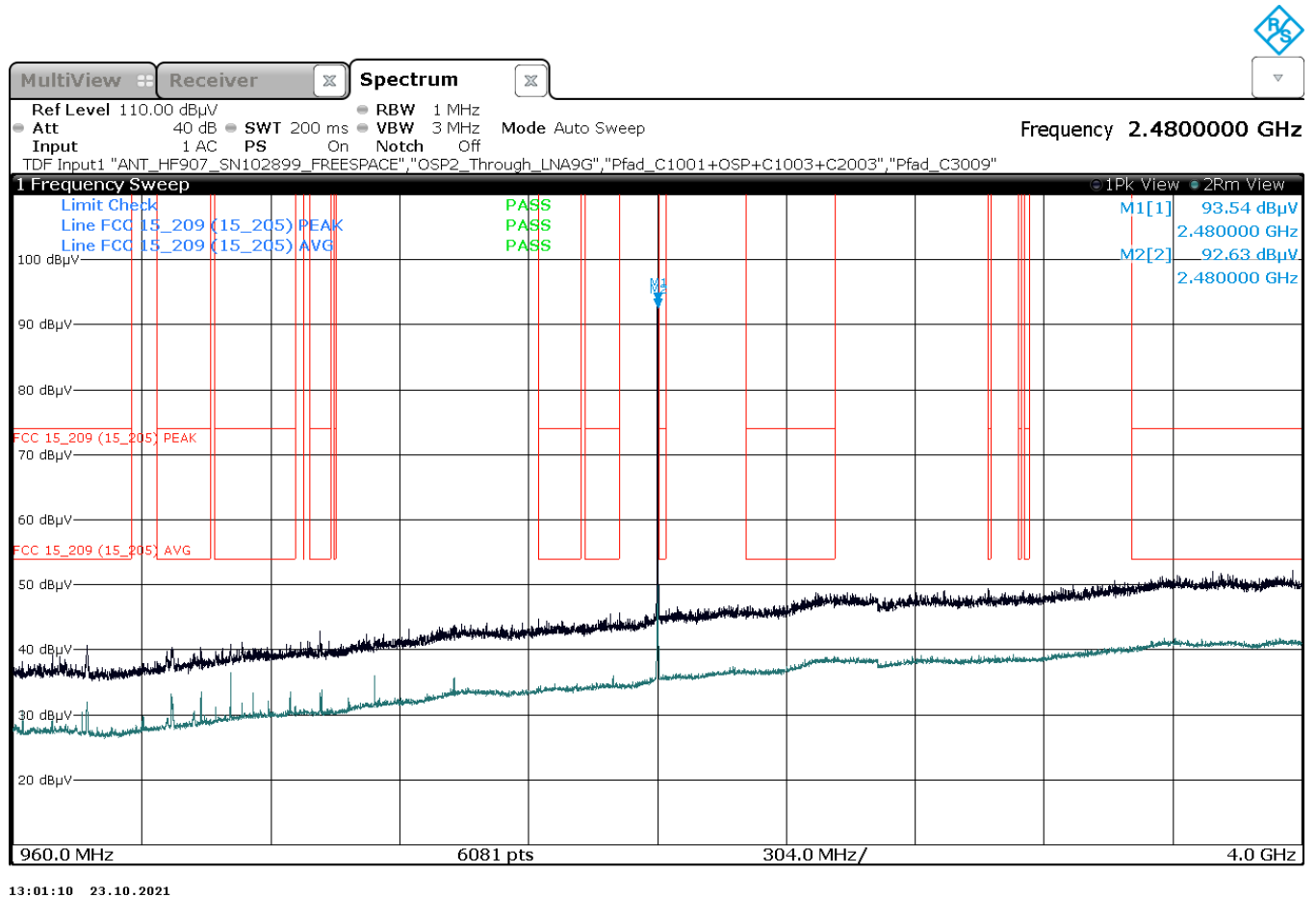
Frequency	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	41.19	50.94	9.75	100.0	9.000	H	30.0	20.5

Plot 93: Mode 1, RSE 30 MHz – 1 GHz, high channel, horizontal / vertical polarisation



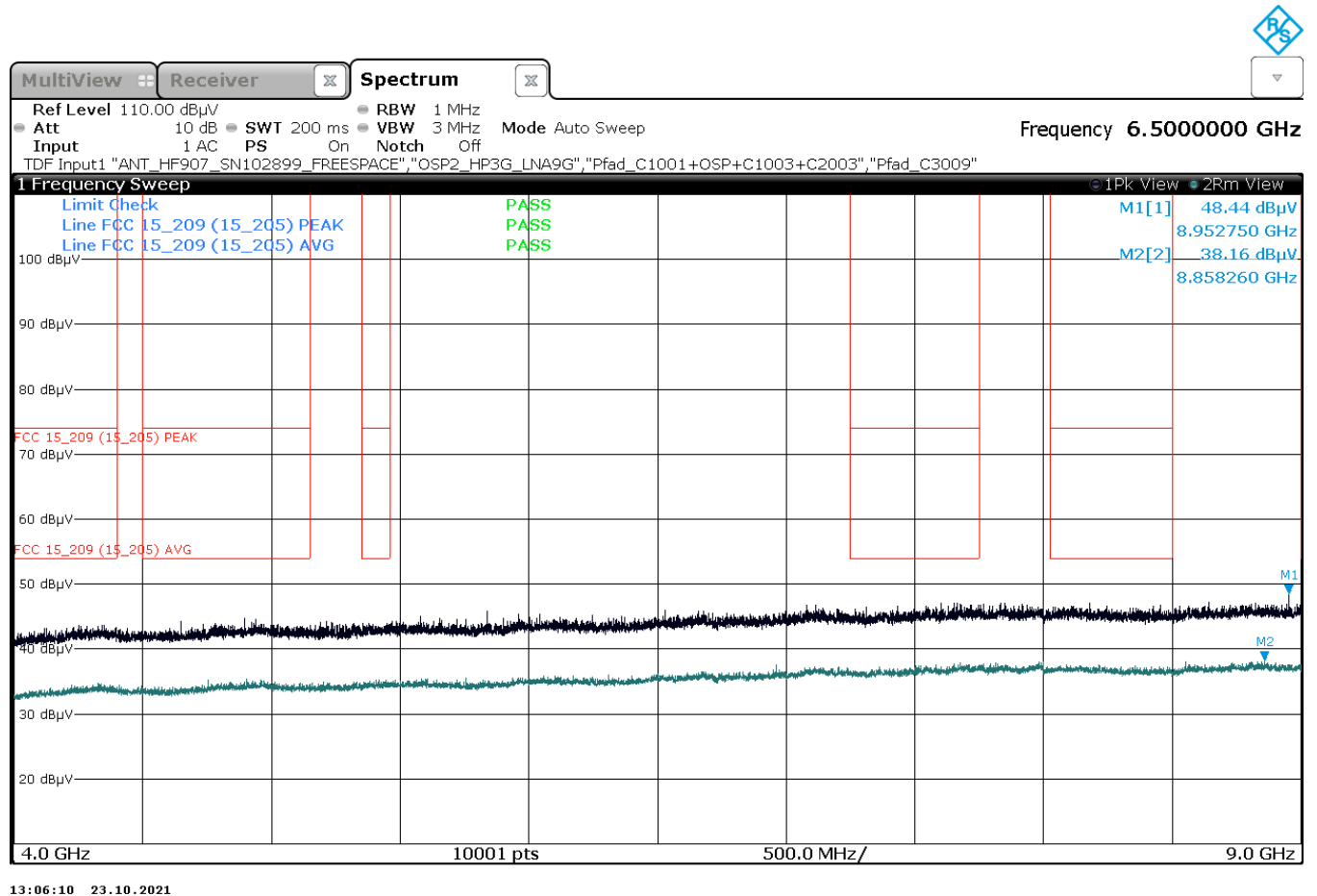
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
42.780500	24.77	40.00	15.23	100.0	120.000	100.0	V	281.0
58.941000	25.70	40.00	14.30	100.0	120.000	147.0	V	210.0
841.816500	29.71	46.00	16.29	100.0	120.000	100.0	V	182.0

Plot 94: Mode 1, RSE 1 GHz – 4 GHz, high channel, horizontal / vertical polarisation

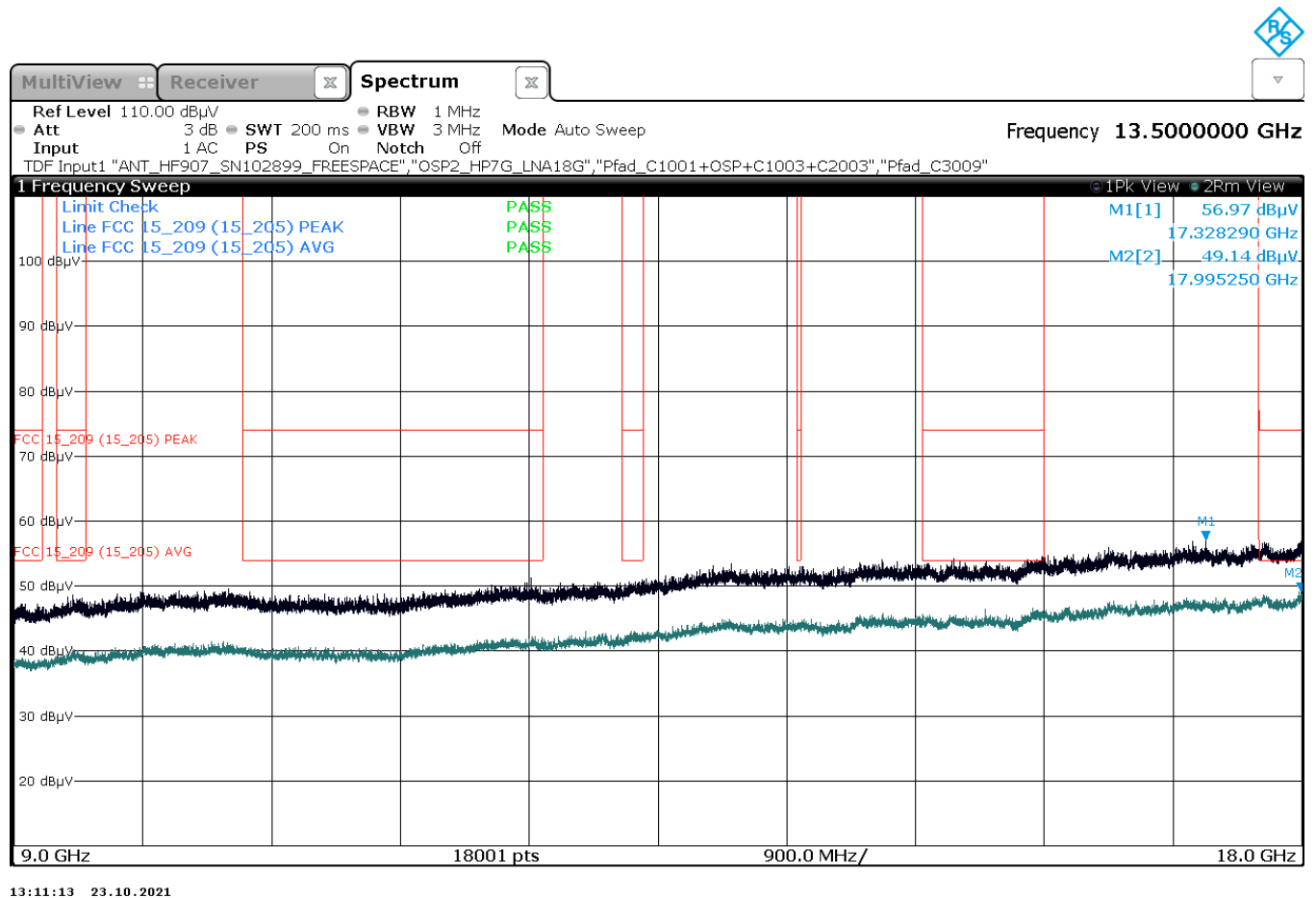


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Plot 95: Mode 1, RSE 4 GHz – 9 GHz, high channel, horizontal / vertical polarisation

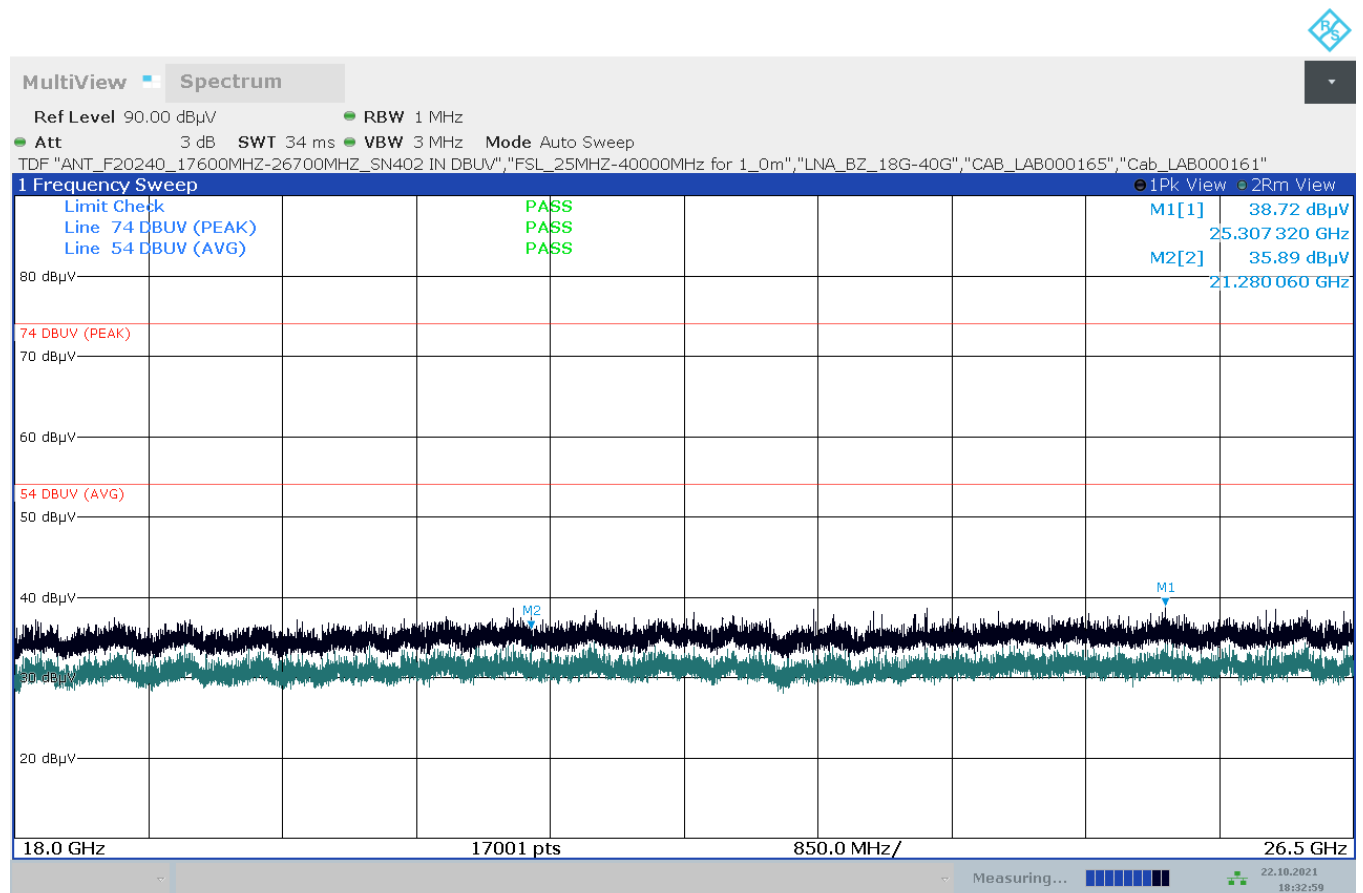


Plot 96: Mode 1, RSE 9 GHz – 18 GHz, high channel, horizontal / vertical polarisation



Annex A of TR no.: 21086128-23000-1

Plot 97: Mode 1, RSE 18 GHz – 26.5 GHz, high channel, horizontal / vertical polarisation



18:32:59 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)

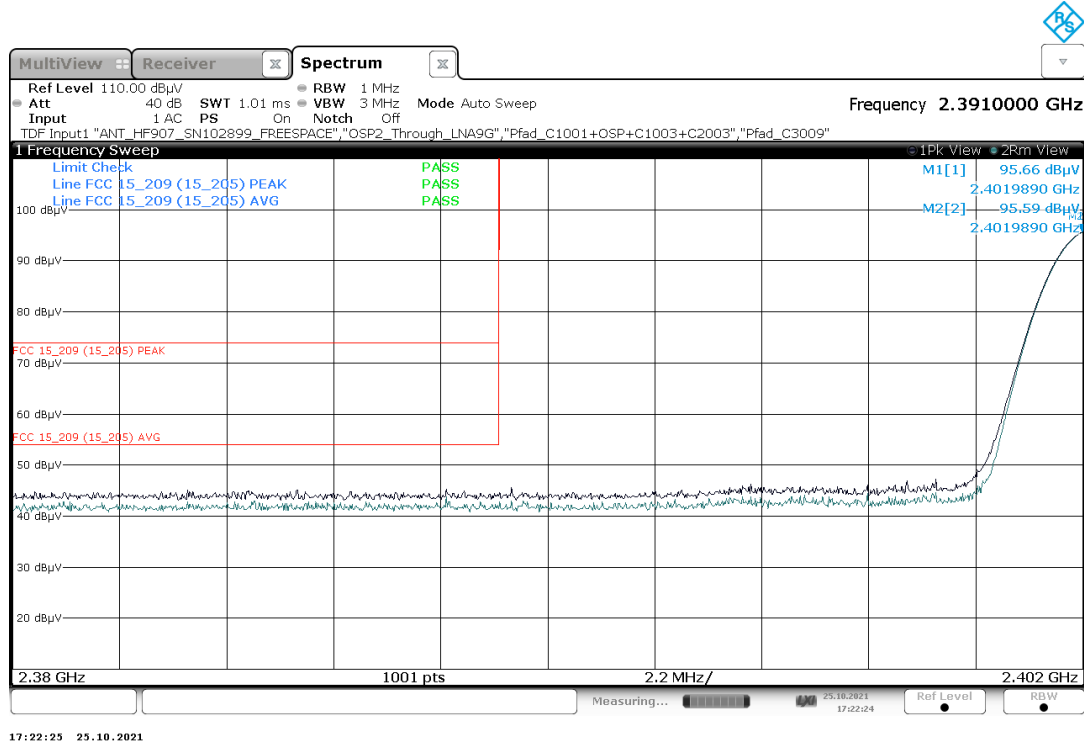
See test results of variant ID #56

2.9.2 Radiated Peak Power (Peak EIRP)

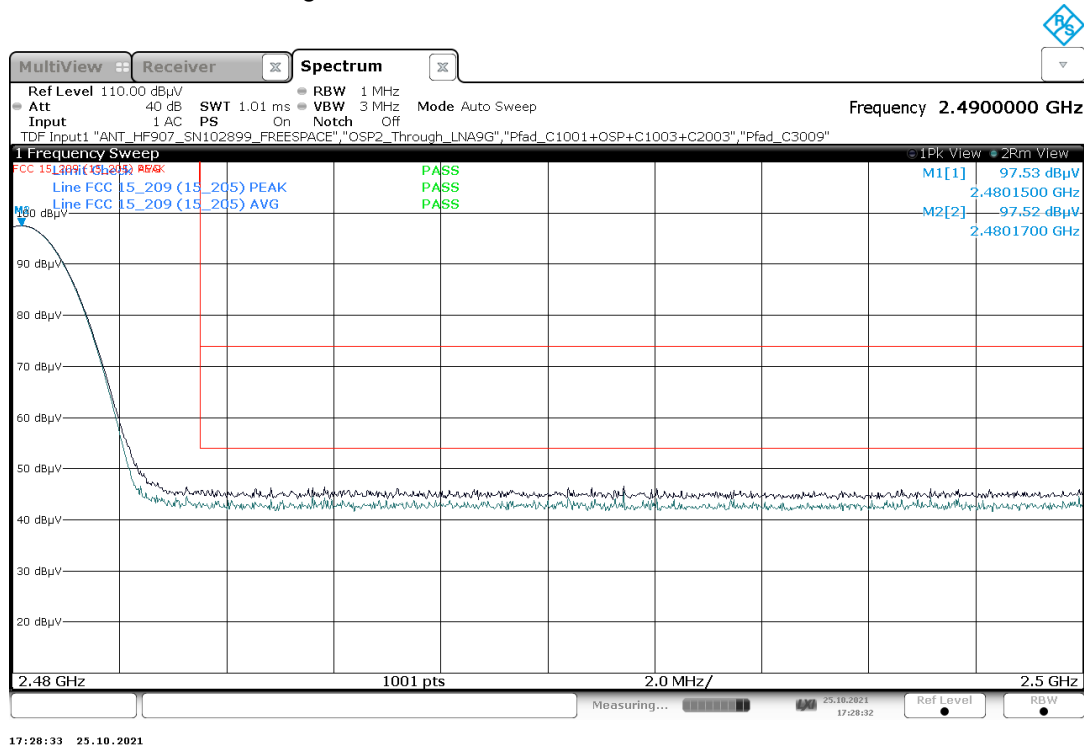
See test results of variant ID #56

2.9.3 Band Edge Compliance (BEC), radiated

Plot 98: Mode 1, BEC, low channel 37, 2402 MHz



Plot 99: Mode 1, BEC, high channel 39, 2480 MHz



2.9.4 Radiated Spurious Emissions (RSE)

See test results of variant ID #56

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 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013 11.9.2.3.2

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

DUT Information

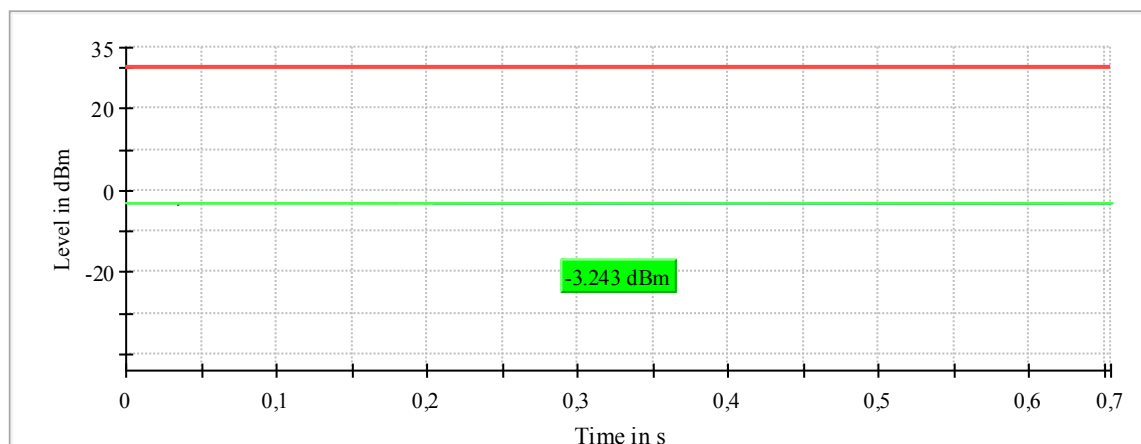
DUT Name: prePV 62
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 66303

Plot 100: Test Mode 1, GFSK, 1 Mbit/s, RF output power, low channel 37, 2402 MHz

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	-3.2	30.0	-3.2	65.659	PASS

Gated Trace

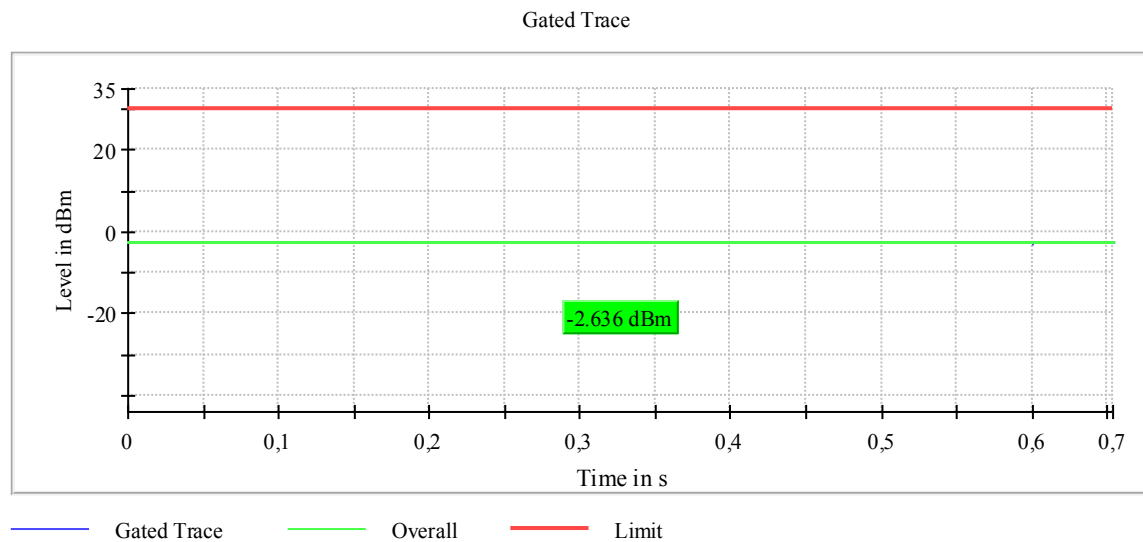


— Gated Trace — Overall — Limit

Plot 101: Test Mode 1, GFSK, 1 Mbit/s, RF output power, mid channel 17, 2440 MHz

Result

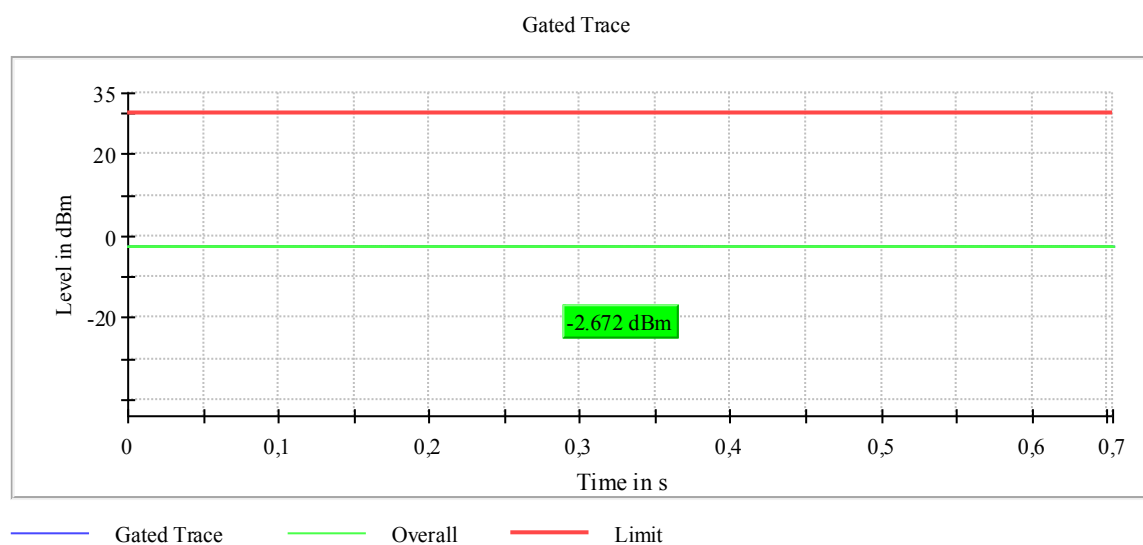
DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2440.000000	-2.6	30.0	-2.6	65.564	PASS



Plot 102: Test Mode 1, GFSK, 1 Mbit/s, RF output power, high channel 39, 2480 MHz

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	-2.7	30.0	-2.7	65.576	PASS

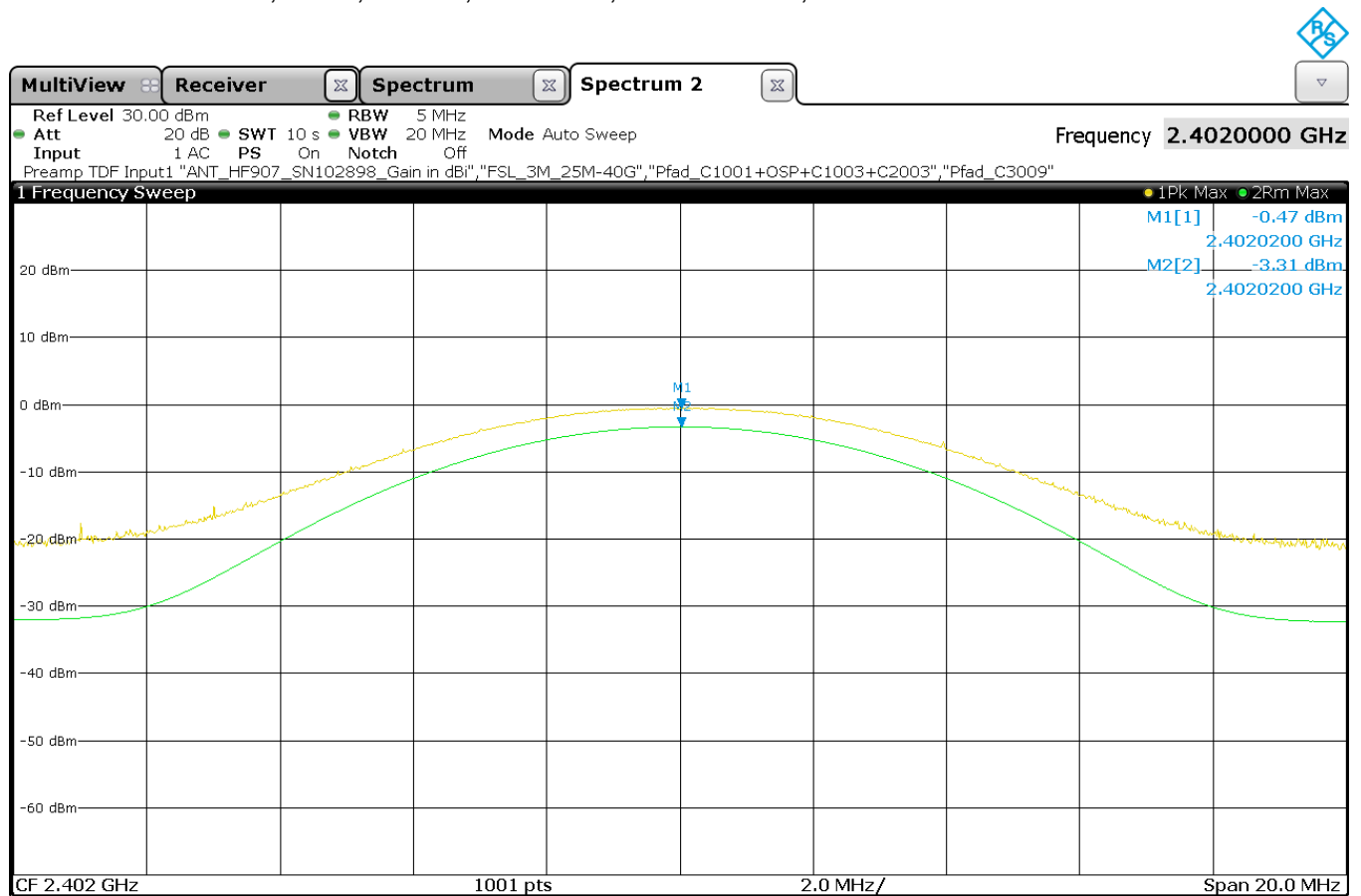


2.10.2 Radiated Peak Power (Peak EIRP)

DUT Information

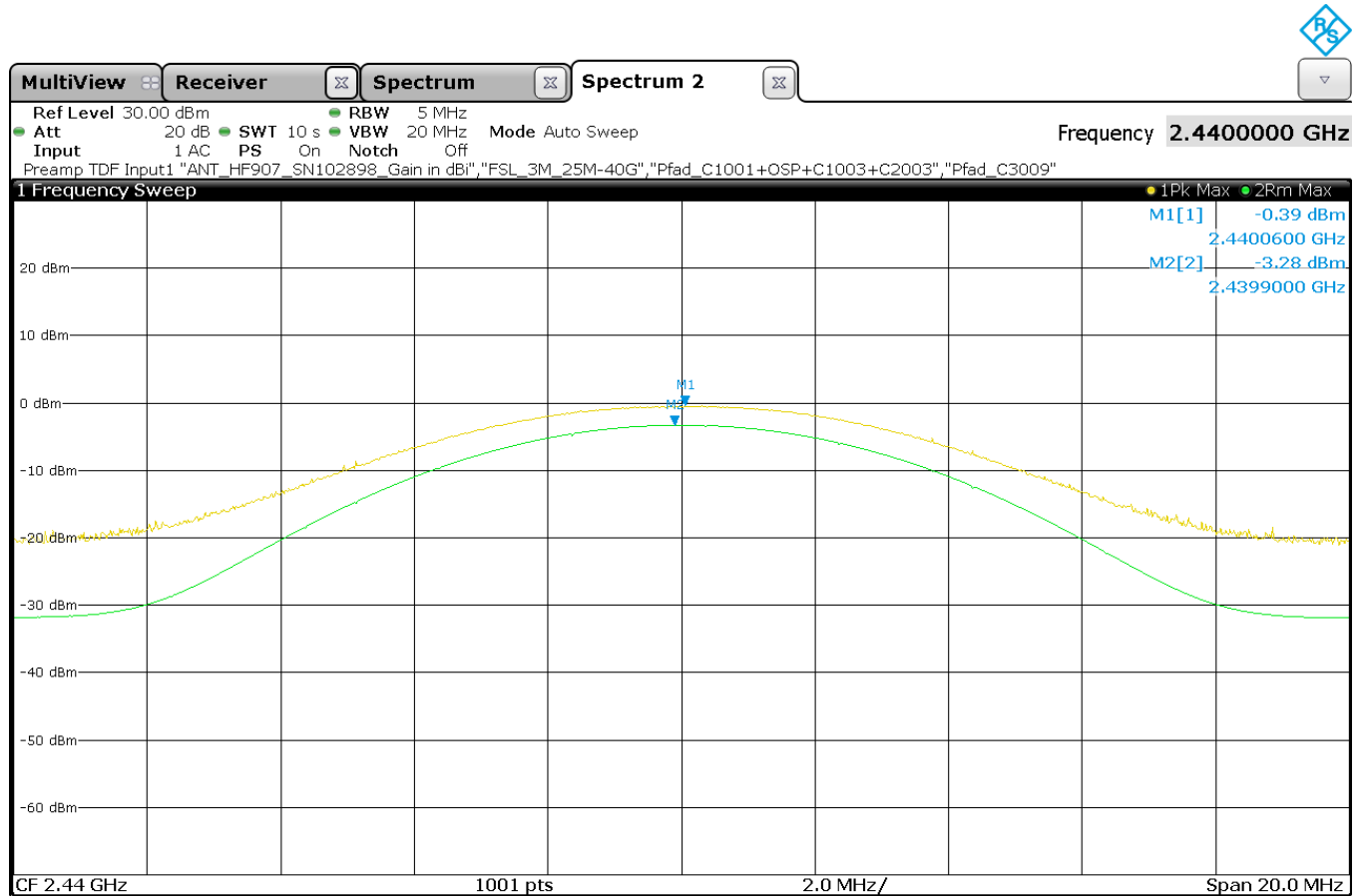
DUT Name: prePV 62
 Manufacturer: Mitsubishi Electric Corporation
 Serial Number: 66304

Plot 103: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, low channel 37, 2402 MHz



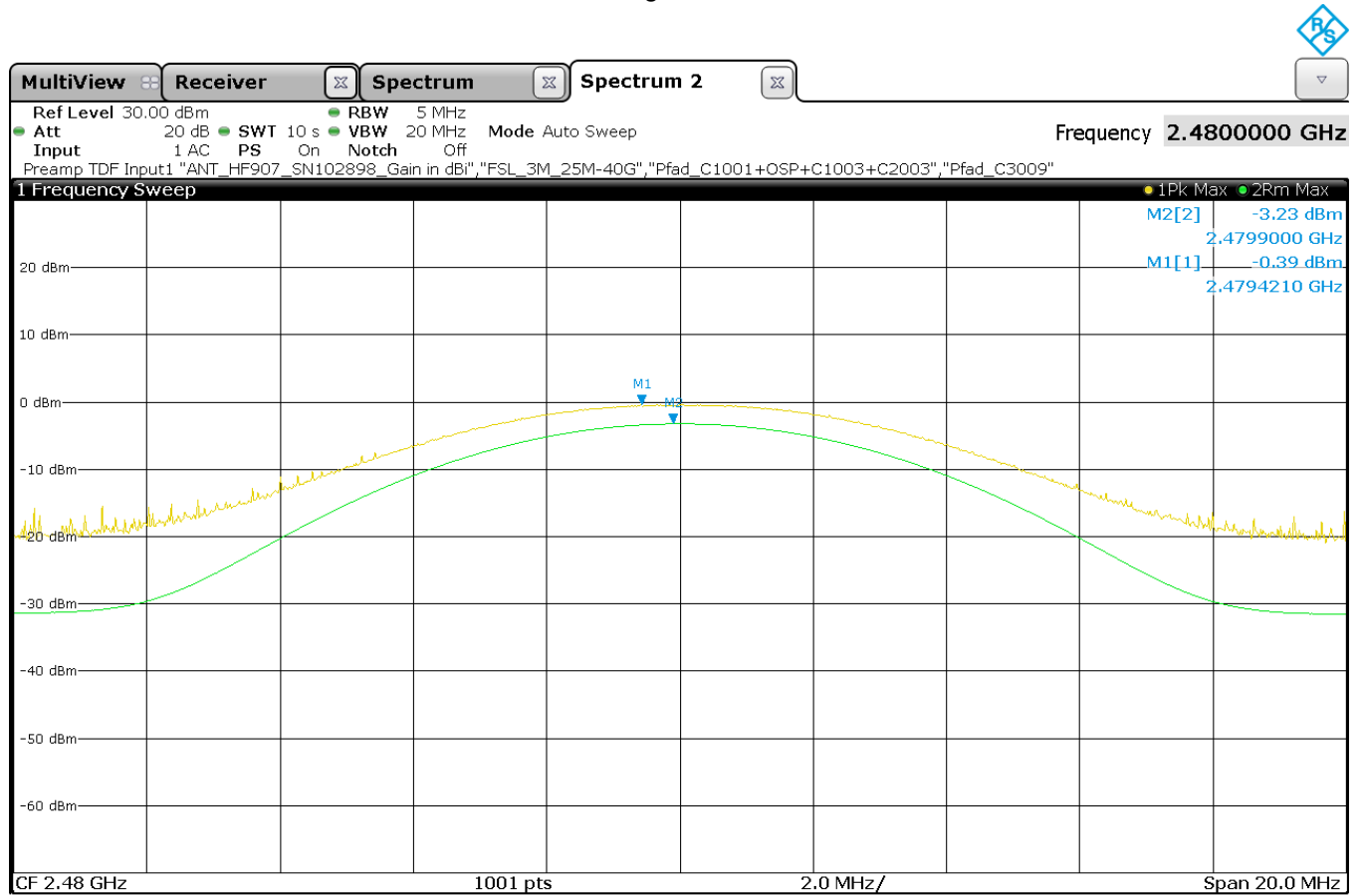
11:56:24 10.11.2021

Plot 104: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, mid channel 17, 2440 MHz



11:54:23 10.11.2021

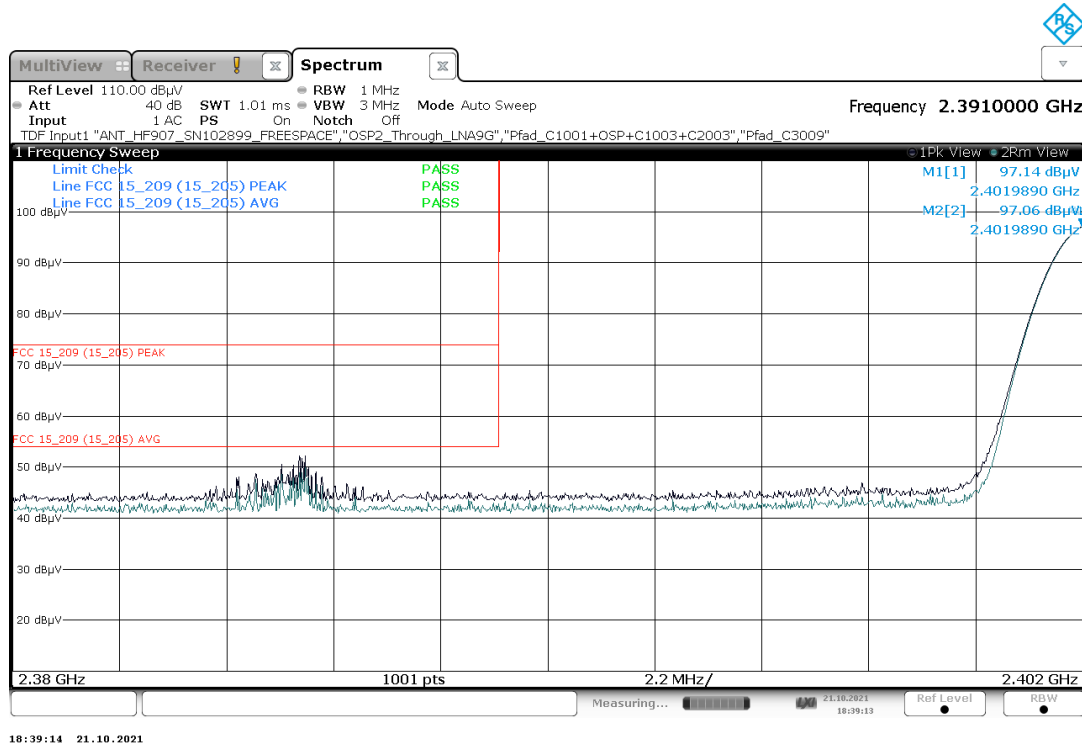
Plot 105: Test Mode 1, GFSK, 1 Mbit/s, Peak EIRP, high channel 39, 2480 MHz



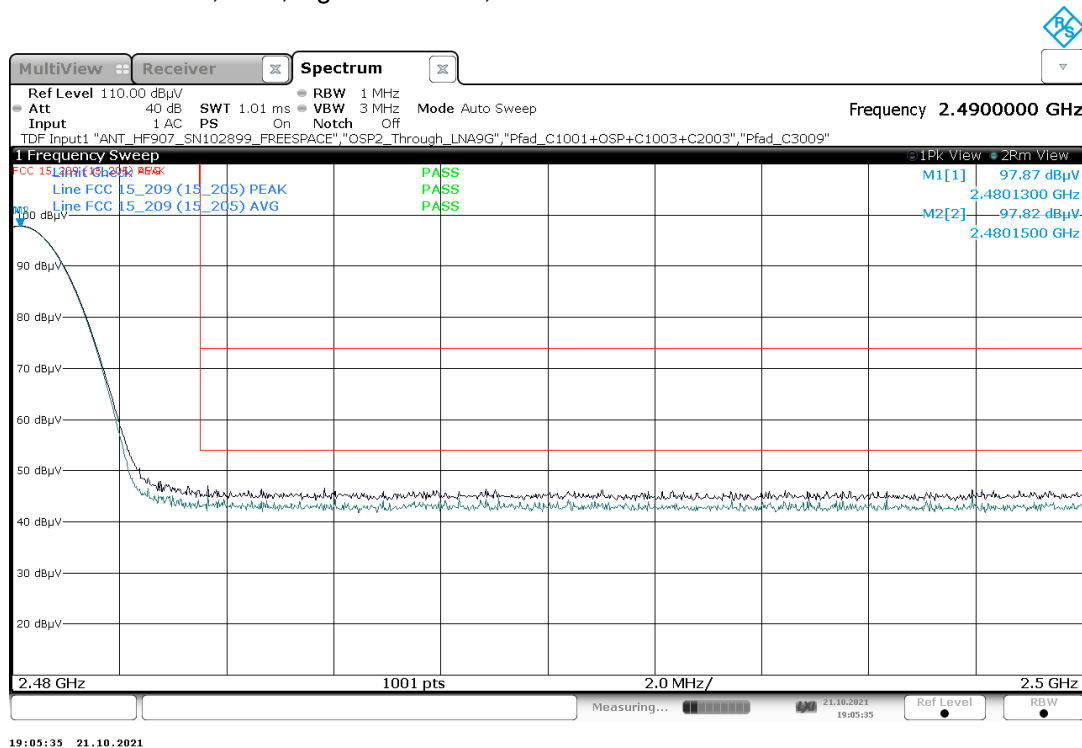
11:50:16 10.11.2021

2.10.3 Band Edge Compliance (BEC), radiated

Plot 106: Mode 1, BEC, low channel 37, 2402 MHz

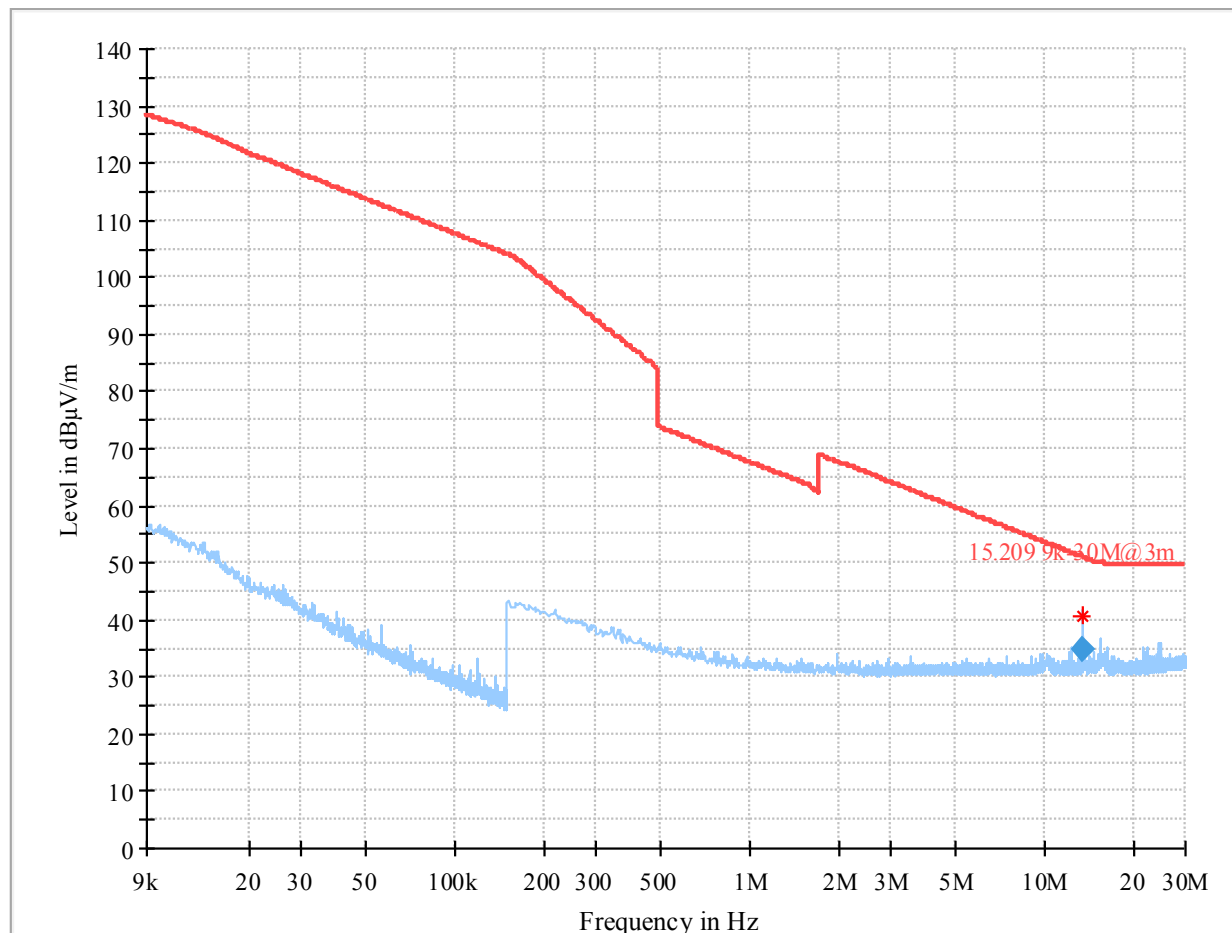


Plot 107: Mode 1, BEC, high channel 39, 2480 MHz



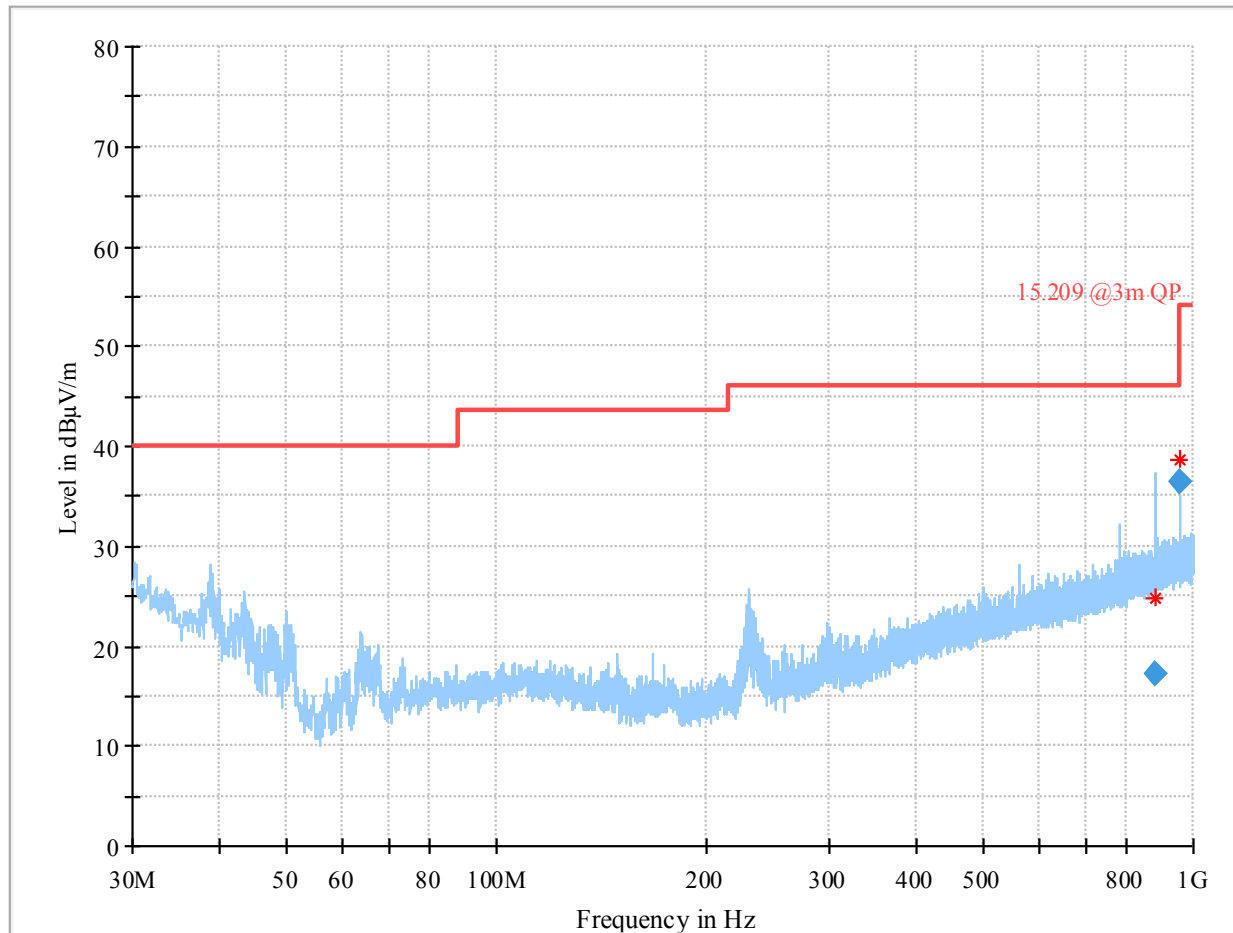
2.10.4 Radiated Spurious Emissions (RSE)

Plot 108: Mode 1, RSE 9 kHz – 30 MHz, low channel, 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	34.74	50.94	16.20	100.0	9.000	H	120.0	20.5

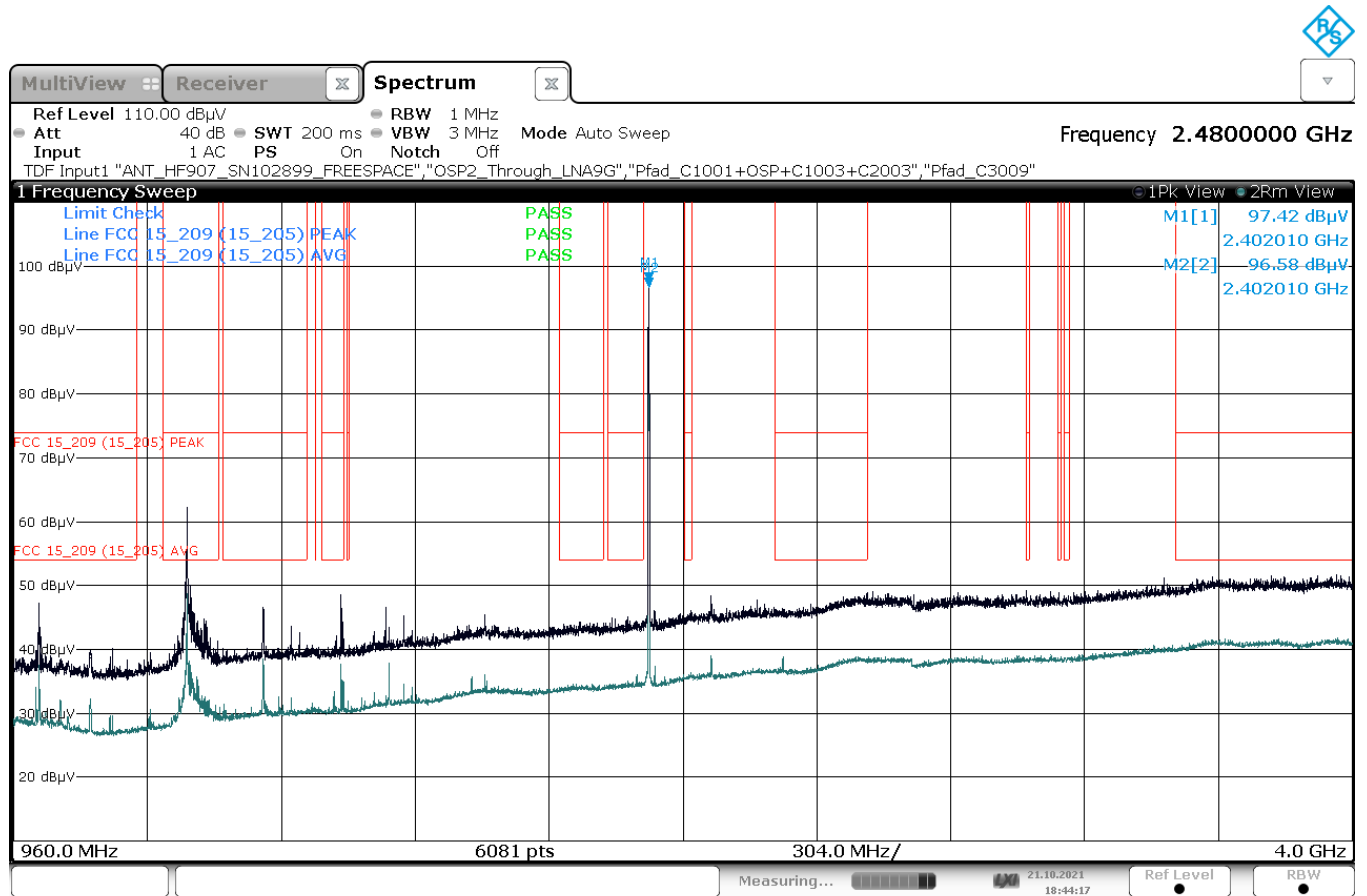
Plot 109: Mode 1, RSE 30 MHz – 1 GHz, low channel, horizontal / vertical polarisation



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
883.562000	17.13	46.00	28.87	100.0	120.000	320.0	H	329.0
954.069000	36.44	46.00	9.56	100.0	120.000	150.0	H	24.0

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Plot 110: Mode 1, RSE 1 GHz – 4 GHz, low channel, horizontal / vertical polarisation



18:44:17 21.10.2021