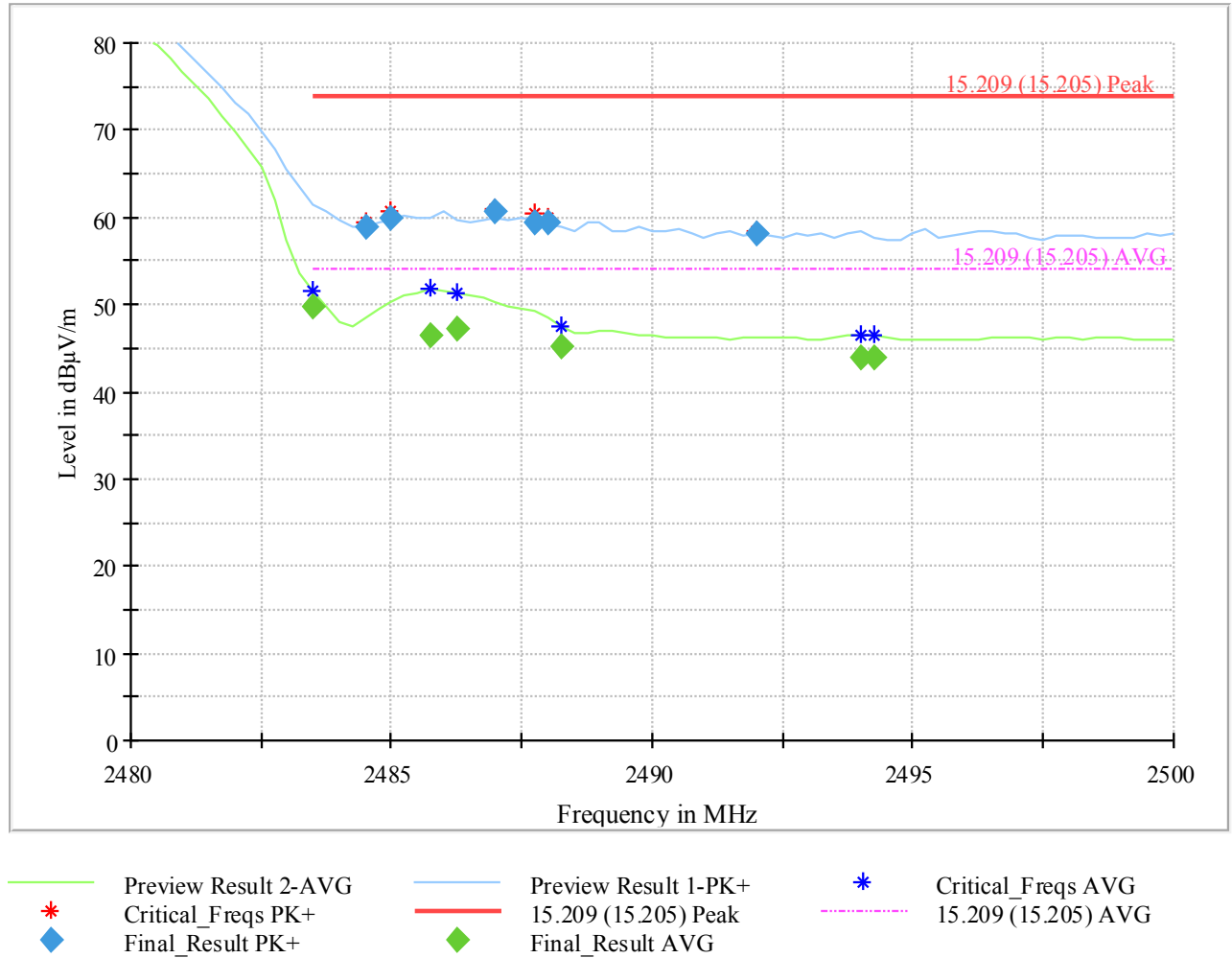


Plot 54: Mode 1, BEC, high channel 13



Final_Result

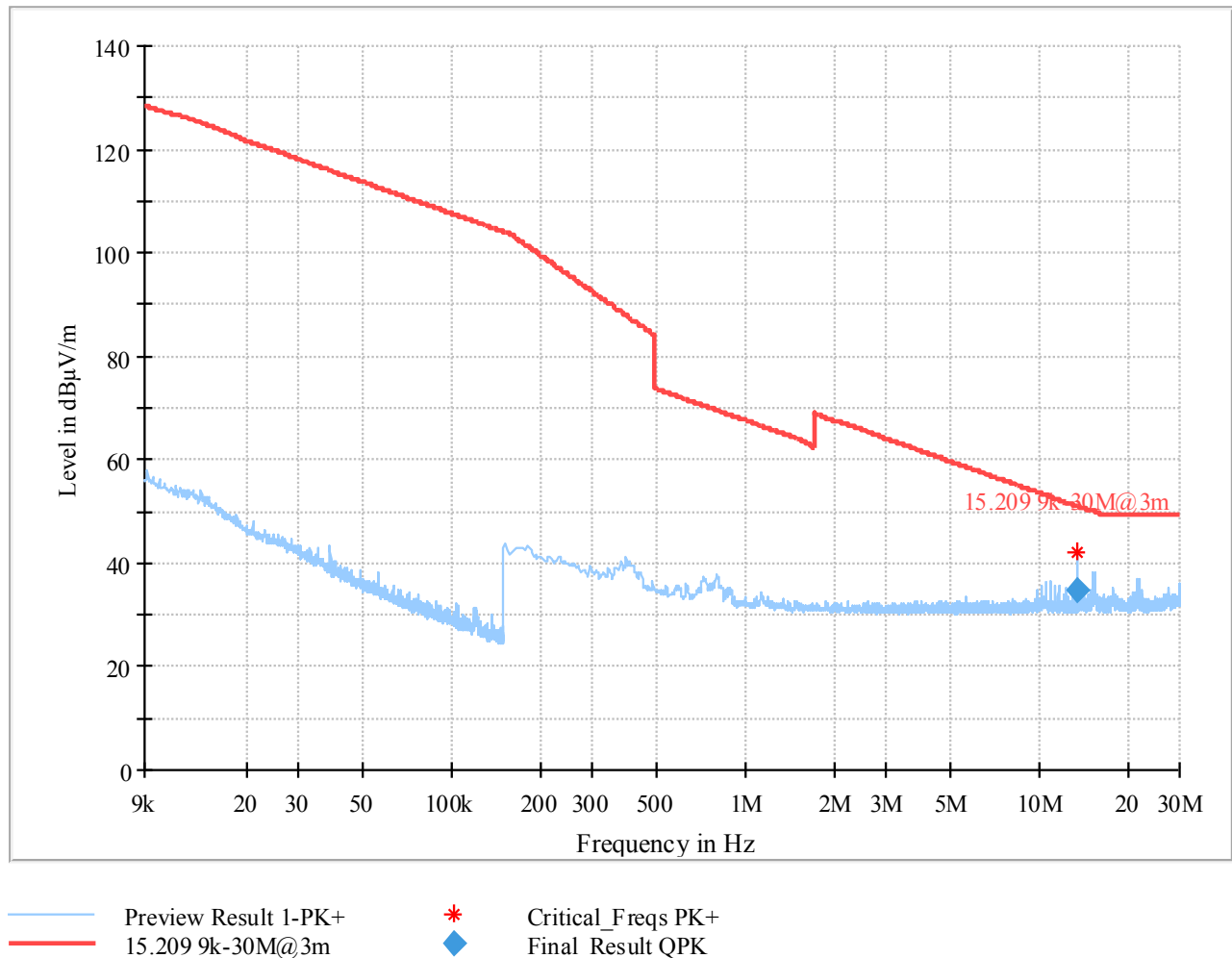
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
2483.500000	---	49.82	54.00	4.18	100.0	1000.000	150.0	V
2484.500000	59.03	---	74.00	14.97	100.0	1000.000	150.0	V
2485.000000	60.04	---	74.00	13.96	100.0	1000.000	150.0	V
2485.750000	---	46.45	54.00	7.55	100.0	1000.000	150.0	V
2486.250000	---	47.32	54.00	6.68	100.0	1000.000	150.0	V
2487.000000	60.73	---	74.00	13.27	100.0	1000.000	150.0	V
2487.750000	59.35	---	74.00	14.65	100.0	1000.000	150.0	V
2488.000000	59.33	---	74.00	14.67	100.0	1000.000	150.0	V
2488.250000	---	45.25	54.00	8.75	100.0	1000.000	150.0	V
2492.000000	58.04	---	74.00	15.96	100.0	1000.000	150.0	V
2494.000000	---	43.99	54.00	10.01	100.0	1000.000	150.0	V
2494.250000	---	43.92	54.00	10.08	100.0	1000.000	150.0	V

(continuation of the "Final_Result" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)	Comment
2483.500000	3.0	90.0	35.2	13:56:06 - 17.11.2021
2484.500000	30.0	90.0	35.2	13:48:47 - 17.11.2021
2485.000000	57.0	90.0	35.2	13:52:50 - 17.11.2021
2485.750000	3.0	90.0	35.2	13:56:33 - 17.11.2021
2486.250000	3.0	90.0	35.2	13:57:01 - 17.11.2021
2487.000000	55.0	90.0	35.2	13:54:12 - 17.11.2021
2487.750000	18.0	90.0	35.2	13:50:09 - 17.11.2021
2488.000000	33.0	90.0	35.2	13:51:26 - 17.11.2021
2488.250000	3.0	90.0	35.2	13:57:28 - 17.11.2021
2492.000000	28.0	90.0	35.3	13:55:34 - 17.11.2021
2494.000000	48.0	90.0	35.3	13:58:02 - 17.11.2021
2494.250000	48.0	90.0	35.3	13:58:30 - 17.11.2021

2.4.4 Radiated Spurious Emissions (RSE)

Plot 55: Mode 1, RSE 9 kHz – 30 MHz, low channel, loop antenna



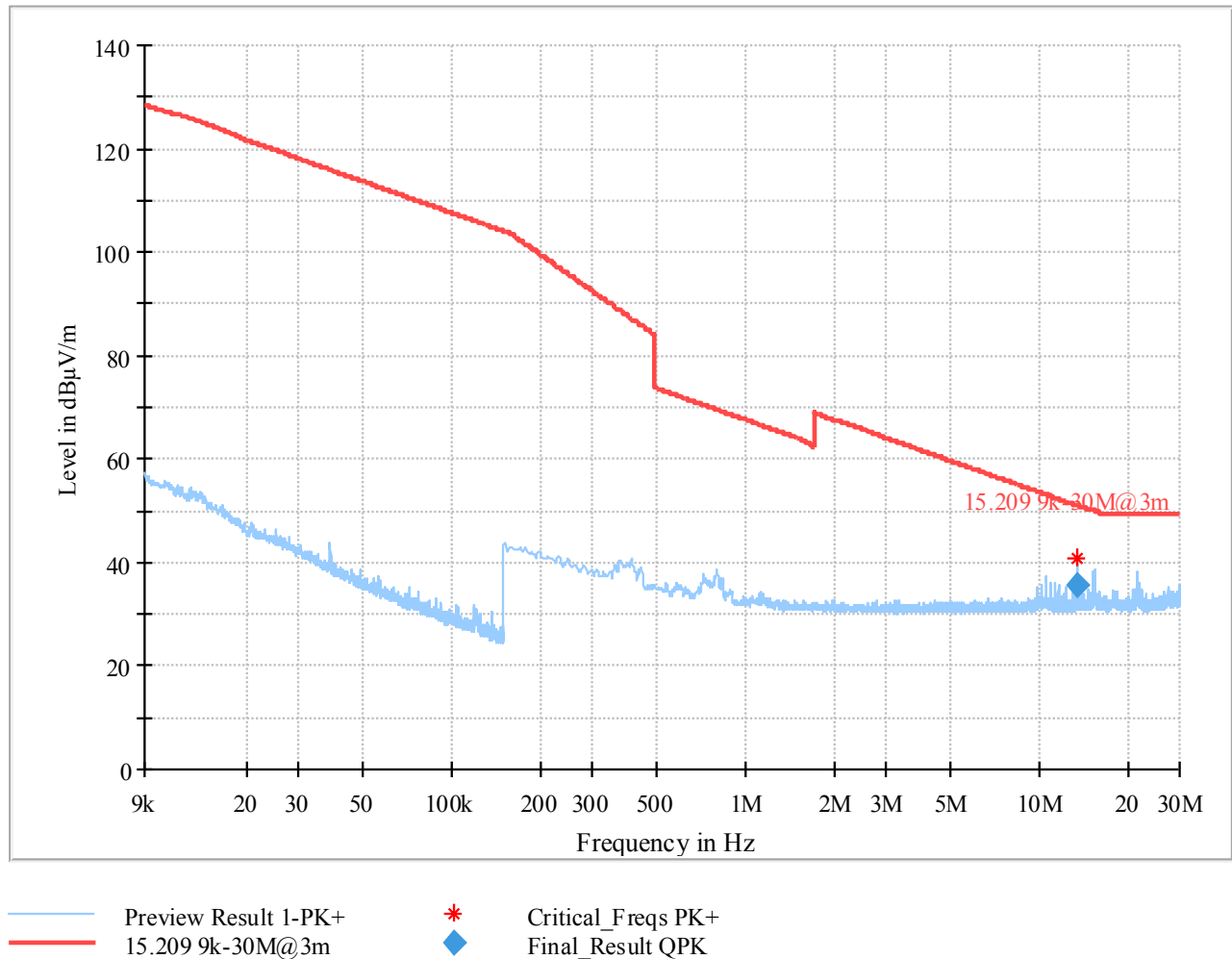
Final_Result

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)
13.560000	34.98	50.94	15.96	100.0	9.000	V	240.0	20.5

(continuation of the "Final_Result" table from column 15 ...)

Frequency (MHz)	Comment
13.560000	15:37:26 - 18.11.2021

Plot 56: Mode 1, RSE 9 kHz – 30 MHz, high channel, loop antenna



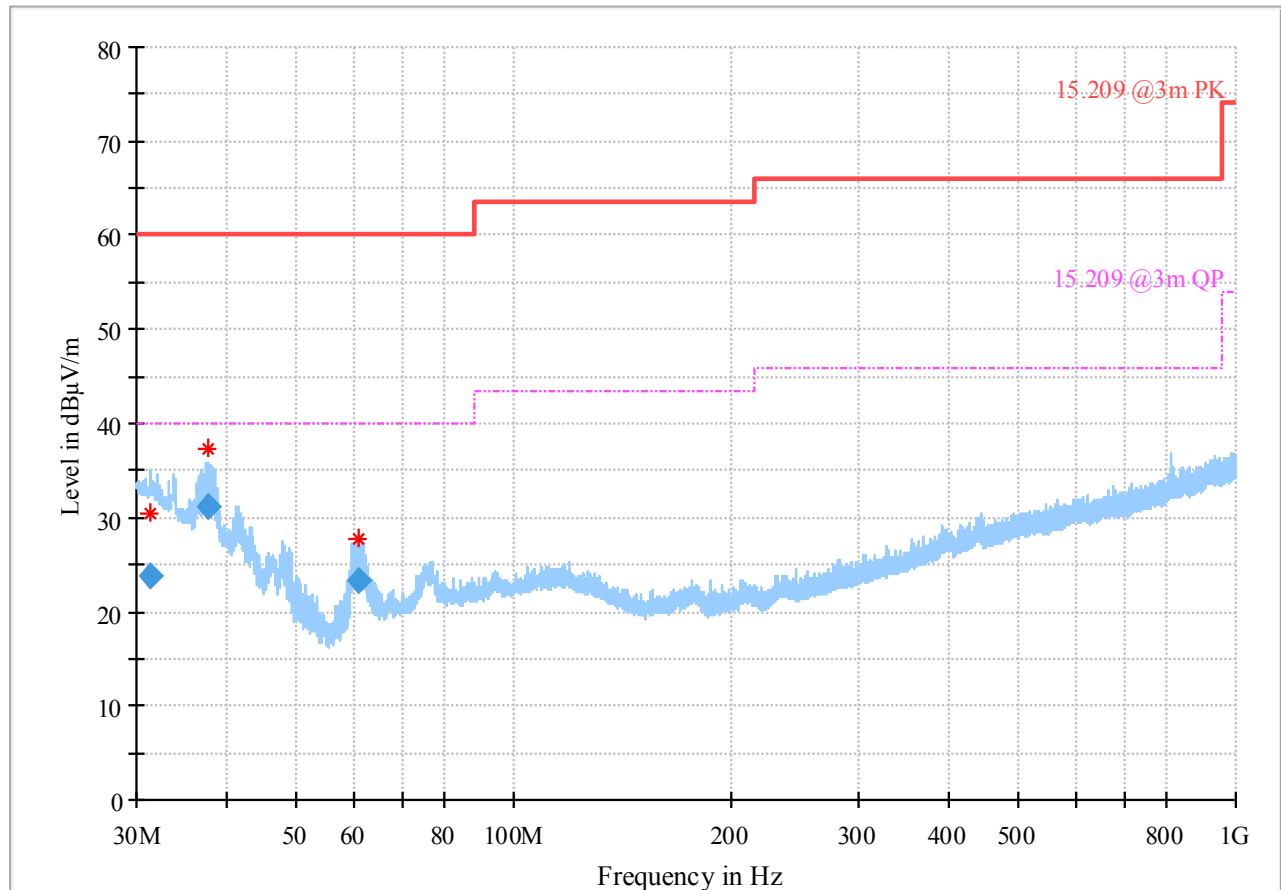
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	35.74	50.94	15.20	100.0	9.000	V	300.0	20.5

(continuation of the "Final_Result" table from column 15 ...)

Frequency (MHz)	Comment
13.560000	15:49:08 - 18.11.2021

Plot 57: Mode 1, RSE 30 MHz – 1 GHz, low channel, horizontal / vertical polarisation



— Preview Result 1-PK+ * Critical_Freqs PK+ — 15.209 @3m PK
- - - 15.209 @3m QP ◆ Final_Result QPK

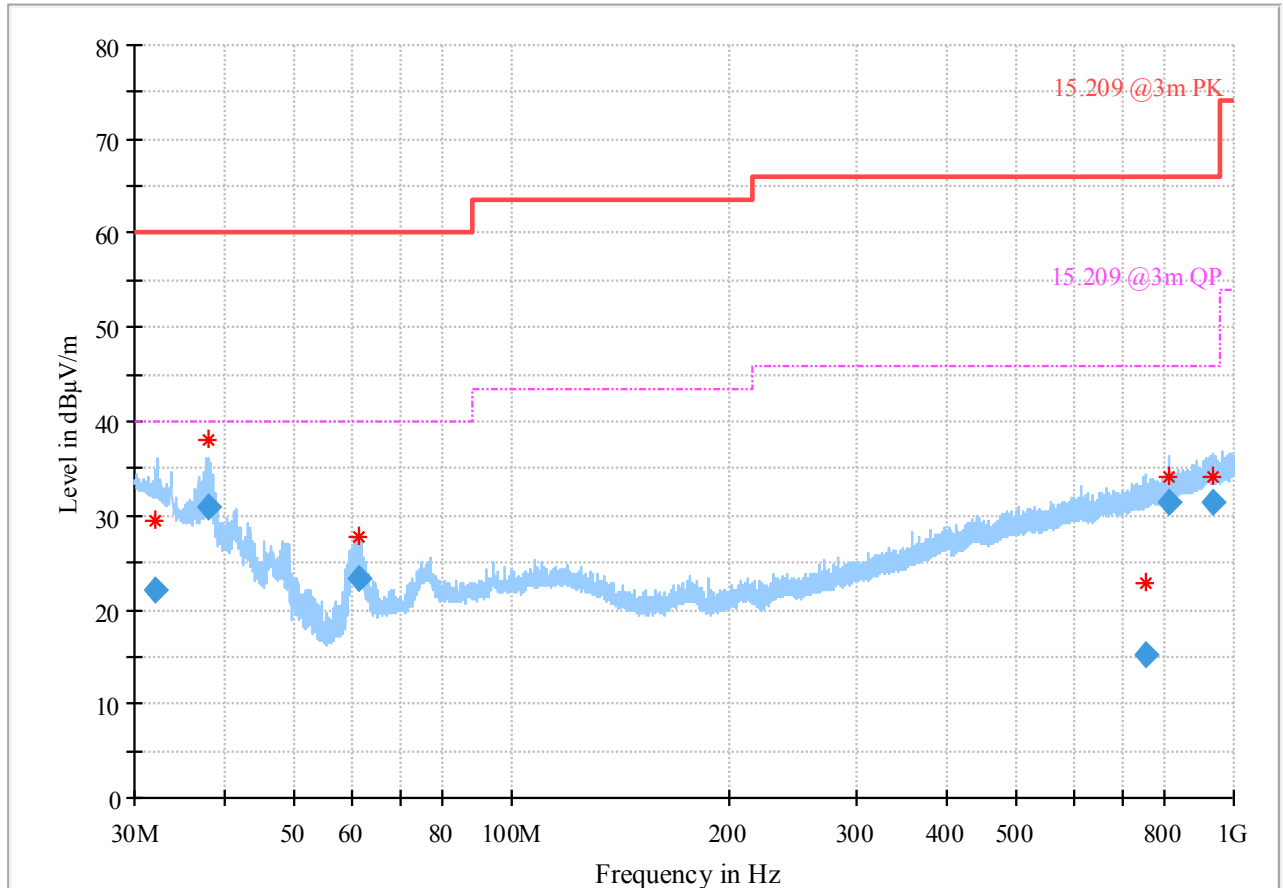
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.350000	23.70	60.00	36.30	100.0	120.000	115.0	V	58.0
37.775000	31.06	60.00	28.94	100.0	120.000	113.0	V	296.0
60.900000	23.22	60.00	36.78	100.0	120.000	164.0	V	251.0

(continuation of the "Final_Result" table from column 15 ...)

Frequency (MHz)	Corr. (dB/m)	Comment
31.350000	19.7	12:49:33 - 18.11.2021
37.775000	16.2	12:54:04 - 18.11.2021
60.900000	7.3	12:51:52 - 18.11.2021

Plot 58: Mode 1, RSE 30 MHz – 1 GHz, high channel, horizontal / vertical polarisation



Final_Result

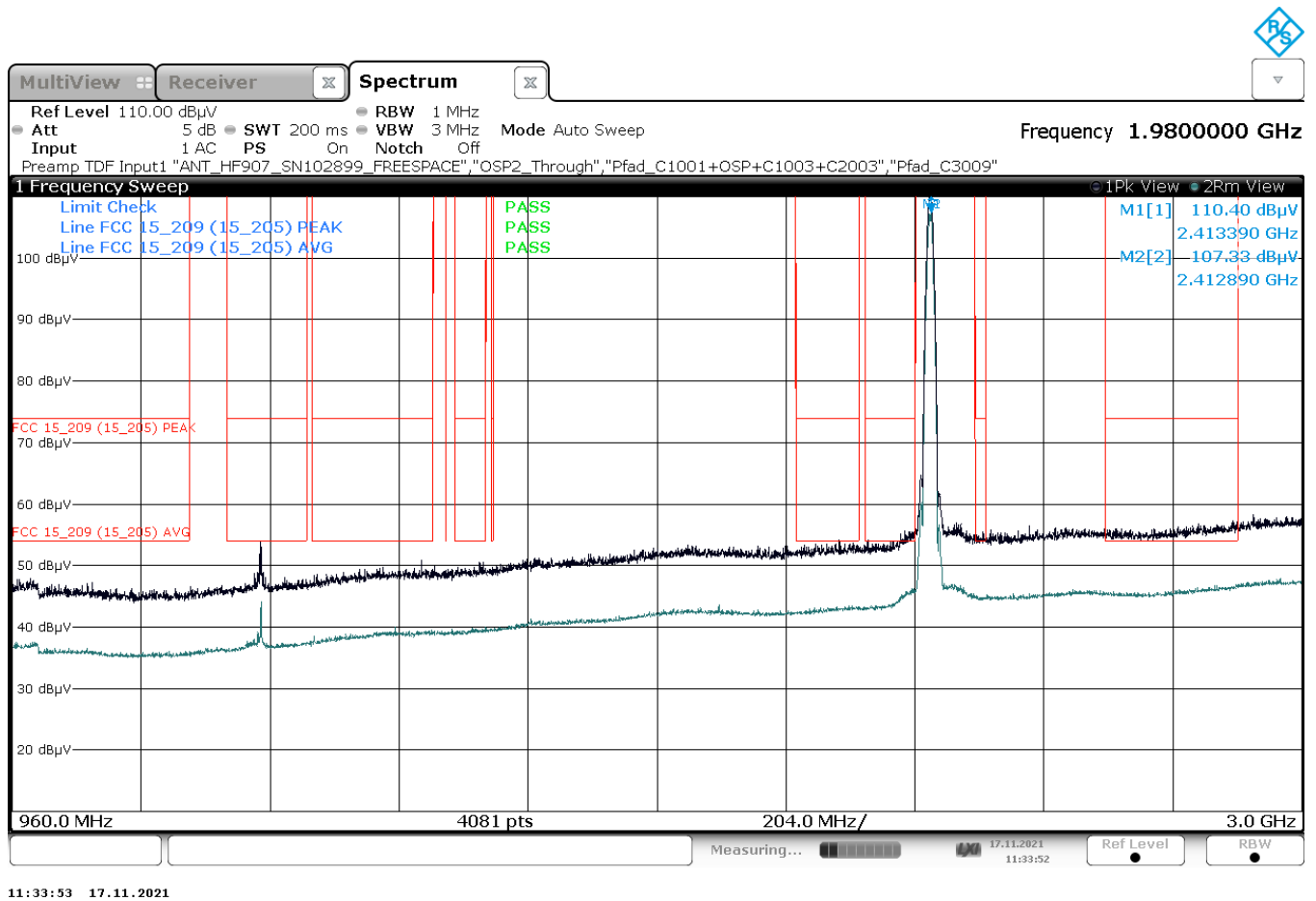
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.050000	22.04	60.00	37.96	100.0	120.000	100.0	V	279.0
38.025000	30.83	60.00	29.17	100.0	120.000	115.0	V	307.0
61.450000	23.22	60.00	36.78	100.0	120.000	162.0	V	262.0
755.350000	15.13	66.00	50.87	100.0	120.000	211.0	V	-12.0
812.500000	31.49	66.00	34.51	100.0	120.000	103.0	V	181.0
937.500000	31.33	66.00	34.67	100.0	120.000	104.0	V	169.0

(continuation of the "Final_Result" table from column 15 ...)

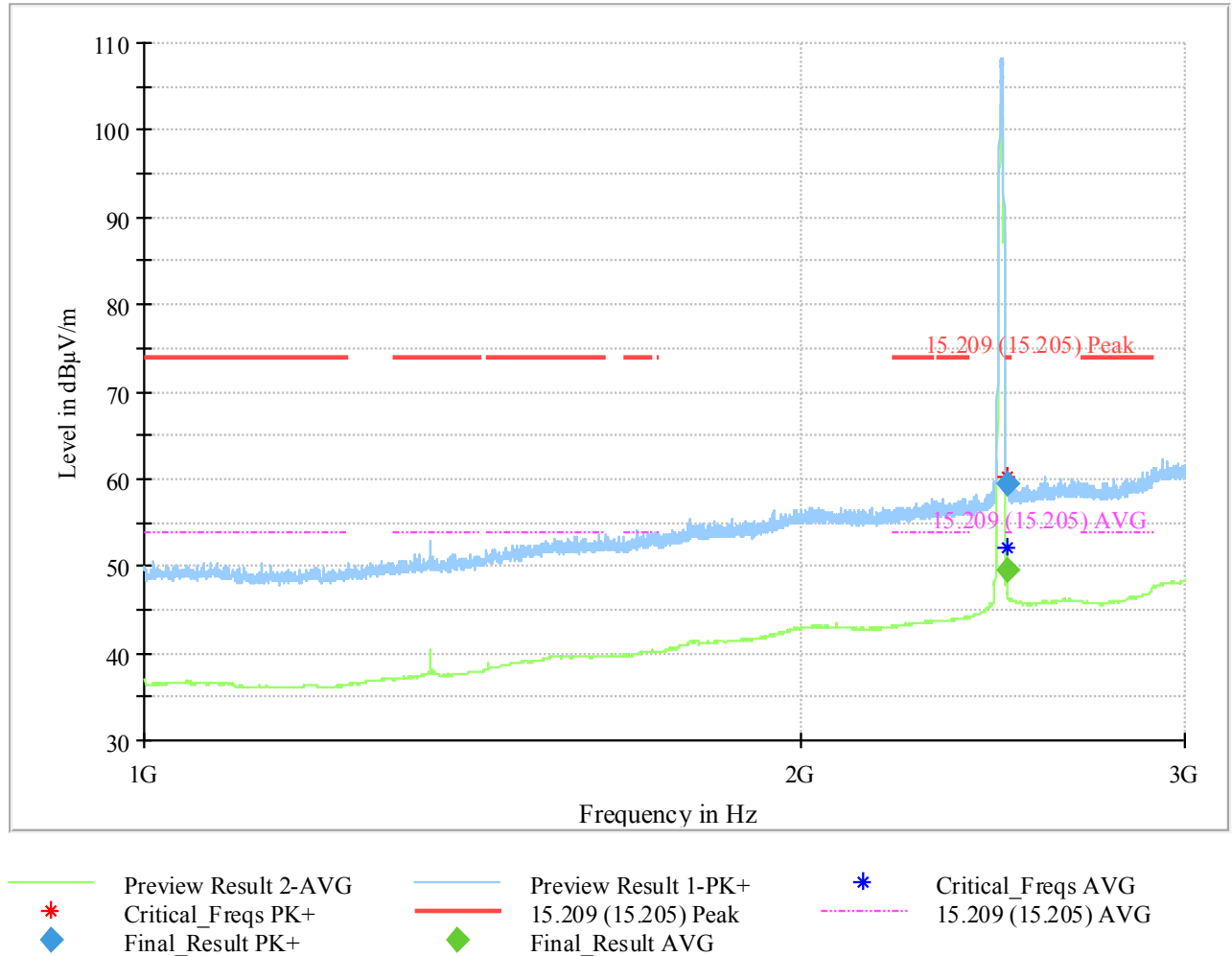
Frequency (MHz)	Corr. (dB/m)	Comment
32.050000	19.3	13:14:11 - 18.11.2021
38.025000	16.0	13:18:16 - 18.11.2021
61.450000	7.4	13:16:08 - 18.11.2021
755.350000	21.4	13:07:41 - 18.11.2021
812.500000	22.3	13:10:04 - 18.11.2021
937.500000	23.4	13:12:03 - 18.11.2021

Annex A of TR no.: 21086129-23009-1

Plot 59: Mode 1, RSE 1 GHz – 3 GHz, low channel, horizontal / vertical polarisation



Plot 60: Mode 1, RSE 1 GHz – 3 GHz, high channel, horizontal / vertical polarisation



Final_Result

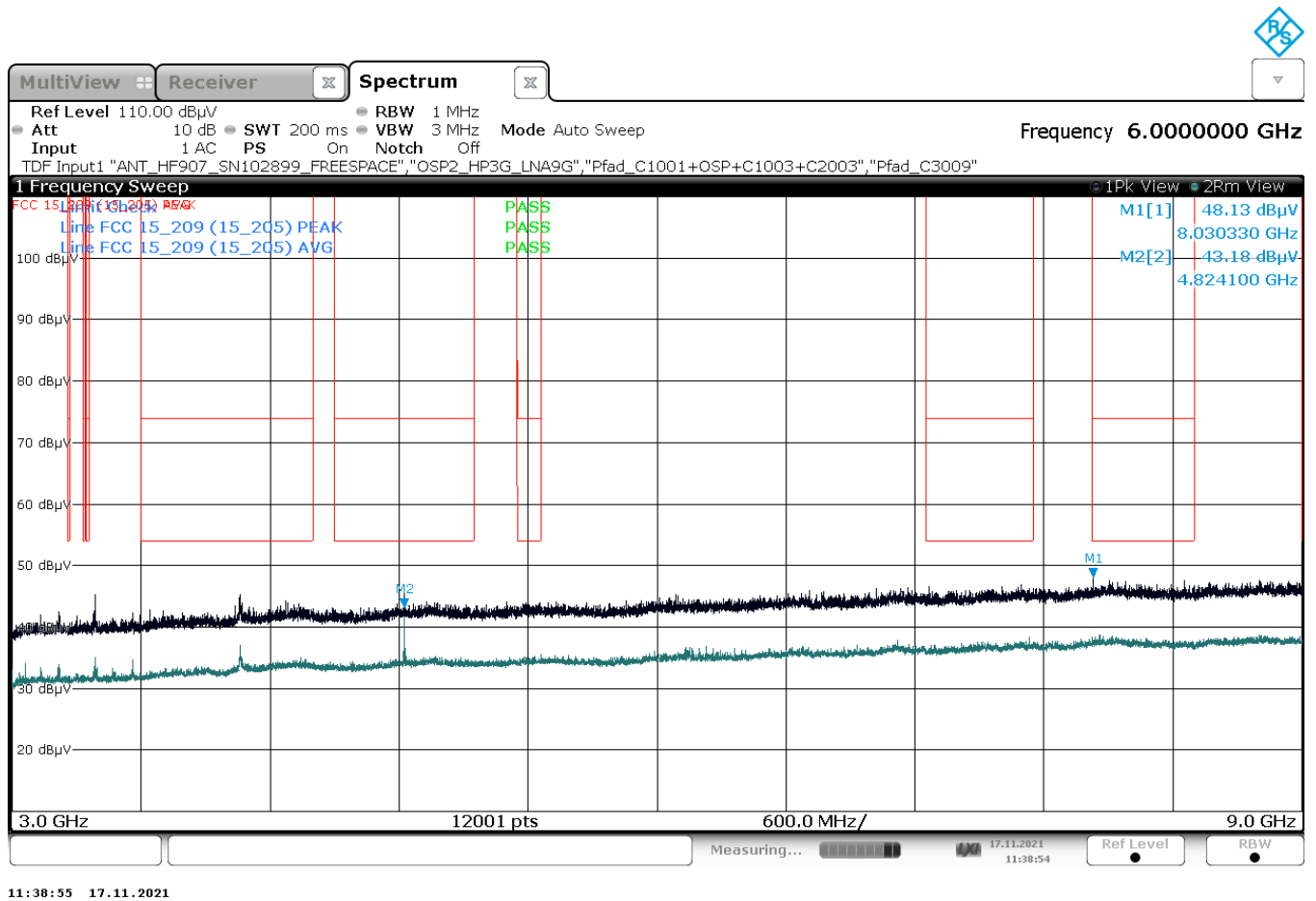
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
2485.750000	---	49.52	54.00	4.48	100.0	1000.000	150.0	V
2488.000000	59.54	---	74.00	14.46	100.0	1000.000	150.0	V

(continuation of the "Final_Result" table from column 14 ...)

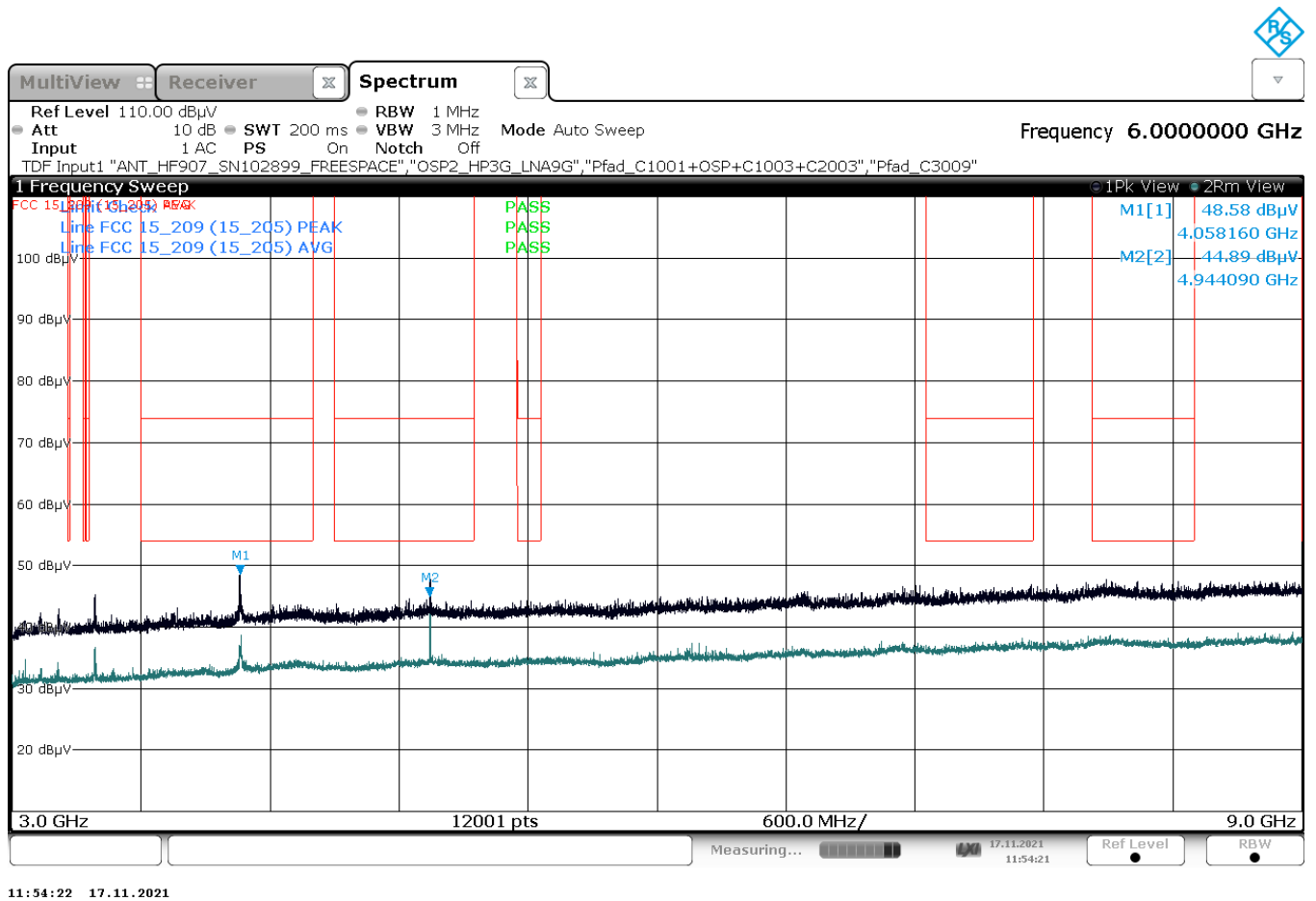
Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)	Comment
2485.750000	48.0	90.0	35.2	13:25:12 - 17.11.2021
2488.000000	60.0	90.0	35.2	13:24:42 - 17.11.2021

Annex A of TR no.: 21086129-23009-1

Plot 61: Mode 1, RSE 3 GHz – 9 GHz, low channel, horizontal / vertical polarisation



Plot 62: Mode 1, RSE 3 GHz – 9 GHz, high channel, horizontal / vertical polarisation



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)

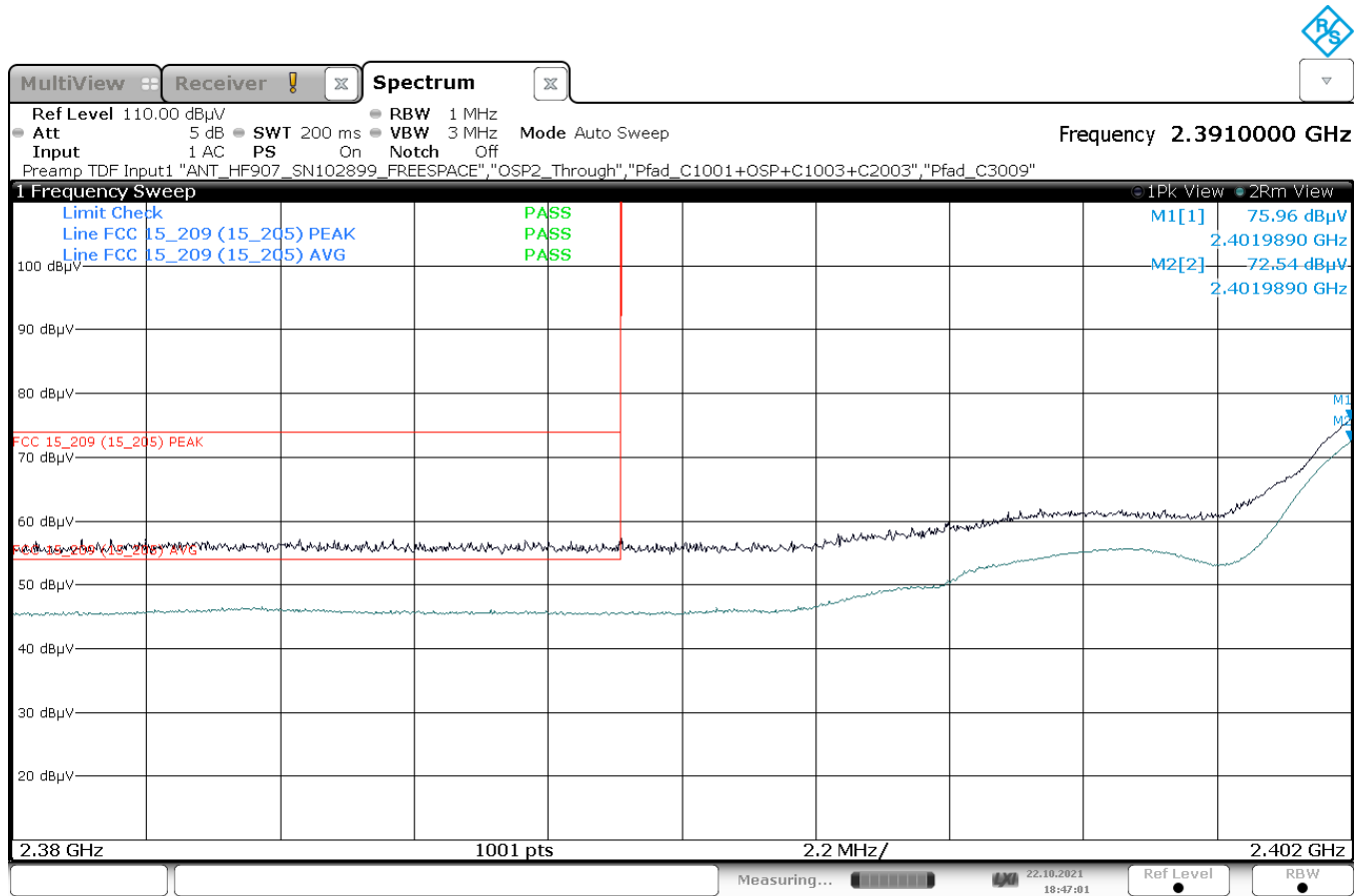
See test results of R1LOW-R-SBM DV model (see IBL-Lab test report TR-21065799-20827)

2.5.2 Radiated Peak Power (Peak EIRP)

See test results of R1LOW-R-SBM DV model (see IBL-Lab test report TR-21065799-20827)

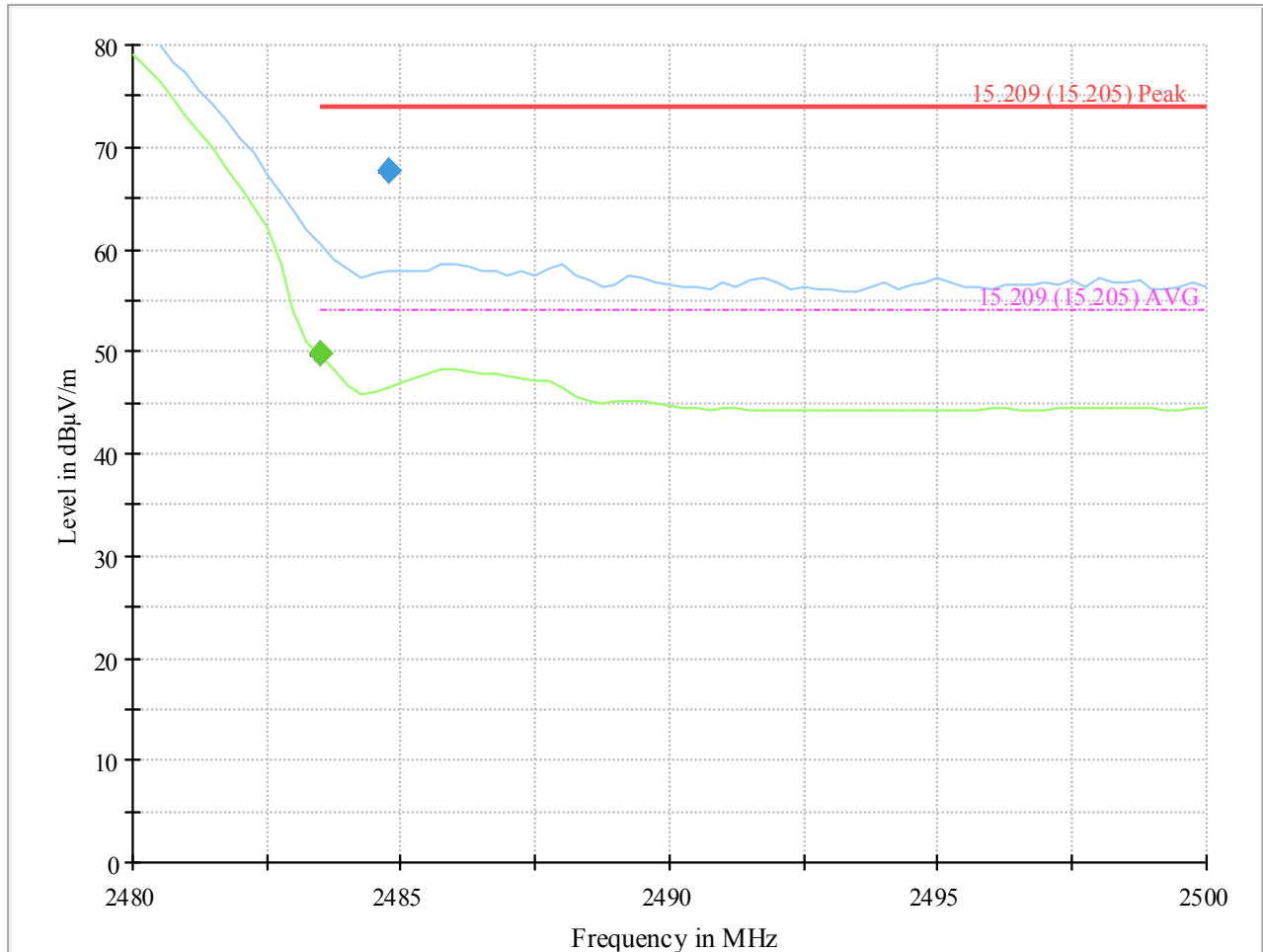
2.5.3 Band Edge Compliance (BEC), radiated

Plot 63: Mode 1, BEC, low channel 1



18:47:01 22.10.2021

Plot 64: Mode 1, BEC, high channel 13



Final_Result

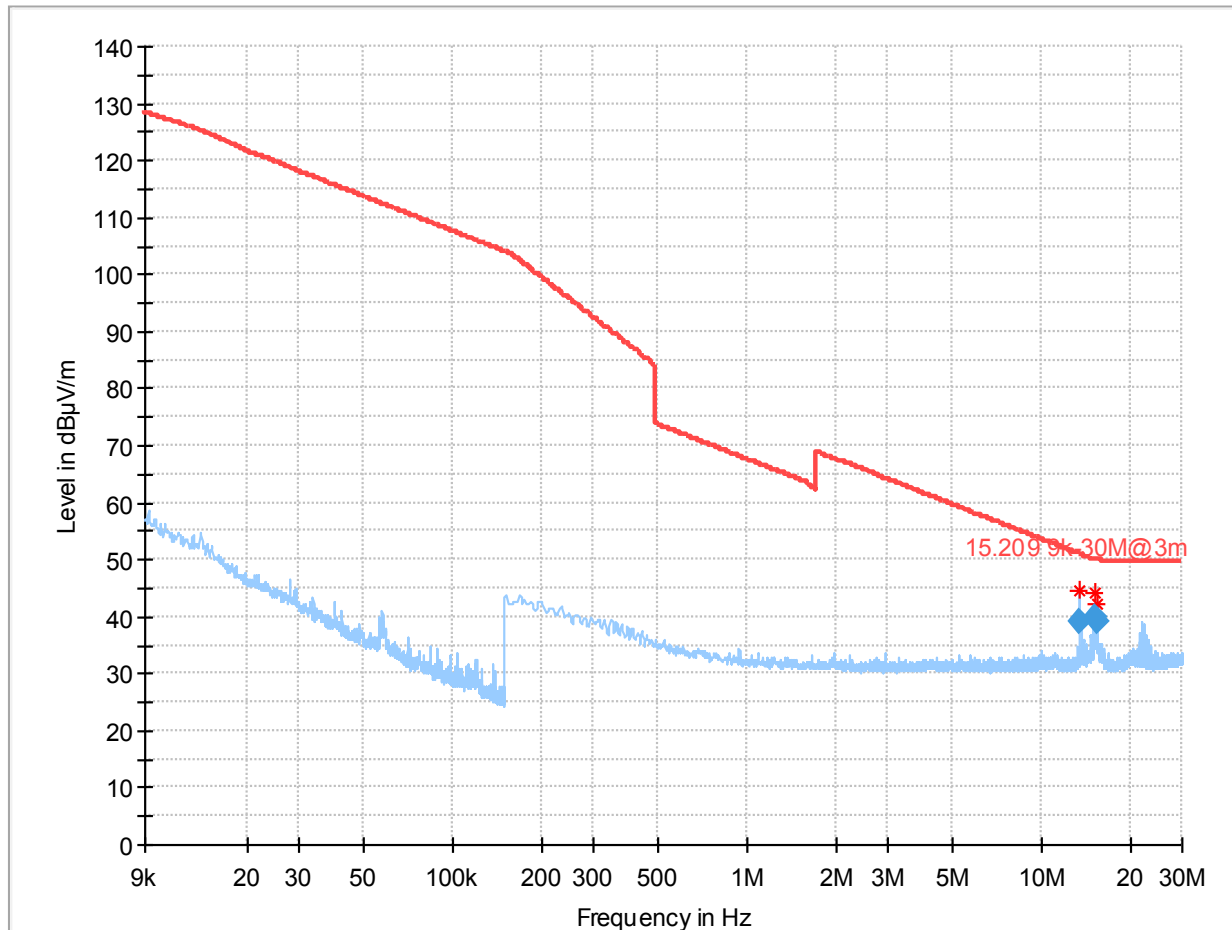
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
2483.500000	---	49.94	54.00	4.06	100.0	1000.000	150.0	V
2484.750000	67.75	---	74.00	6.25	100.0	1000.000	150.0	V

(continuation of the "Final_Result" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)	Comment
2483.500000	48.0	90.0	33.6	20:36:36 - 22.10.2021
2484.750000	-11.0	90.0	33.6	20:35:56 - 22.10.2021

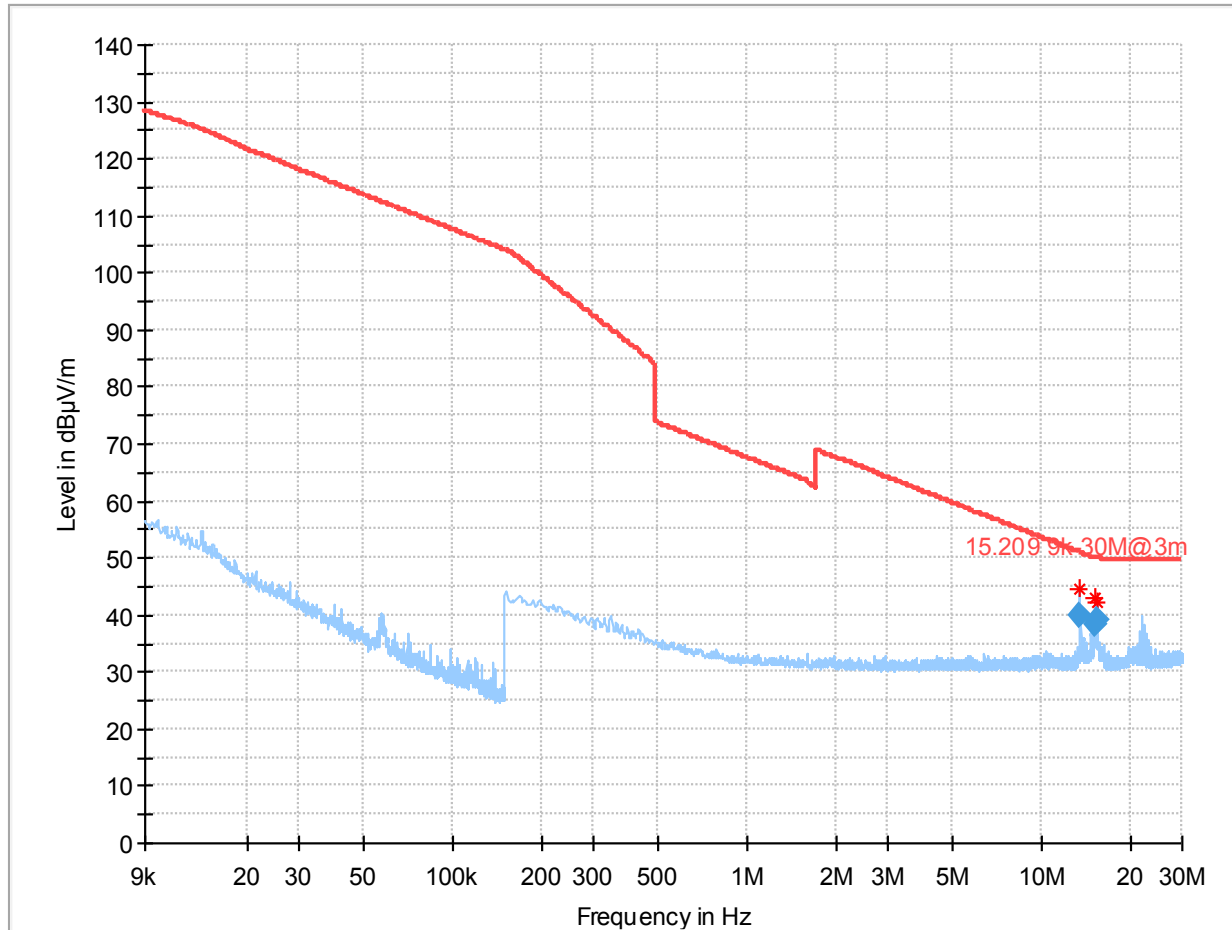
2.5.4 Radiated Spurious Emissions (RSE)

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



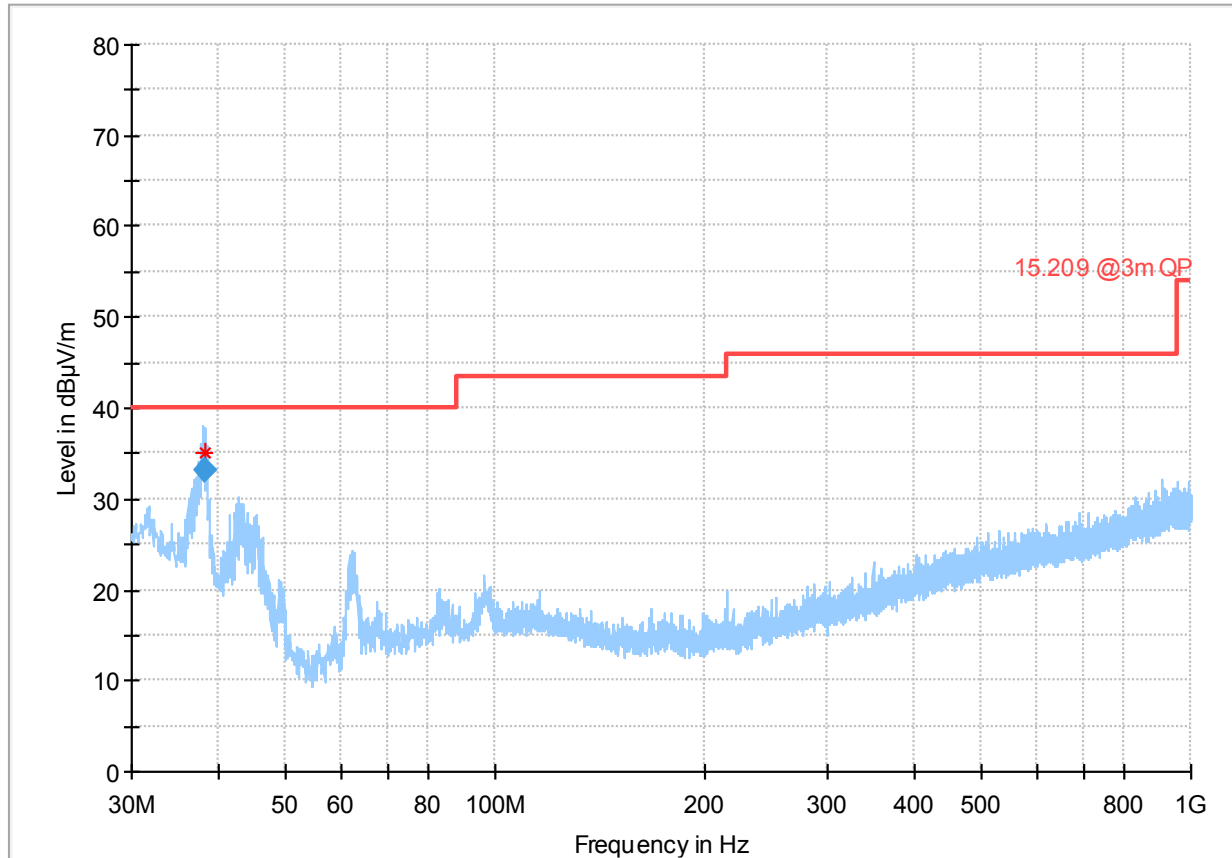
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	39.18	50.94	11.76	100.0	9.000	H	150.0	20.5
15.303750	39.92	50.04	10.12	100.0	9.000	V	60.0	20.5
15.553500	38.99	50.03	11.04	100.0	9.000	H	199.0	20.5

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



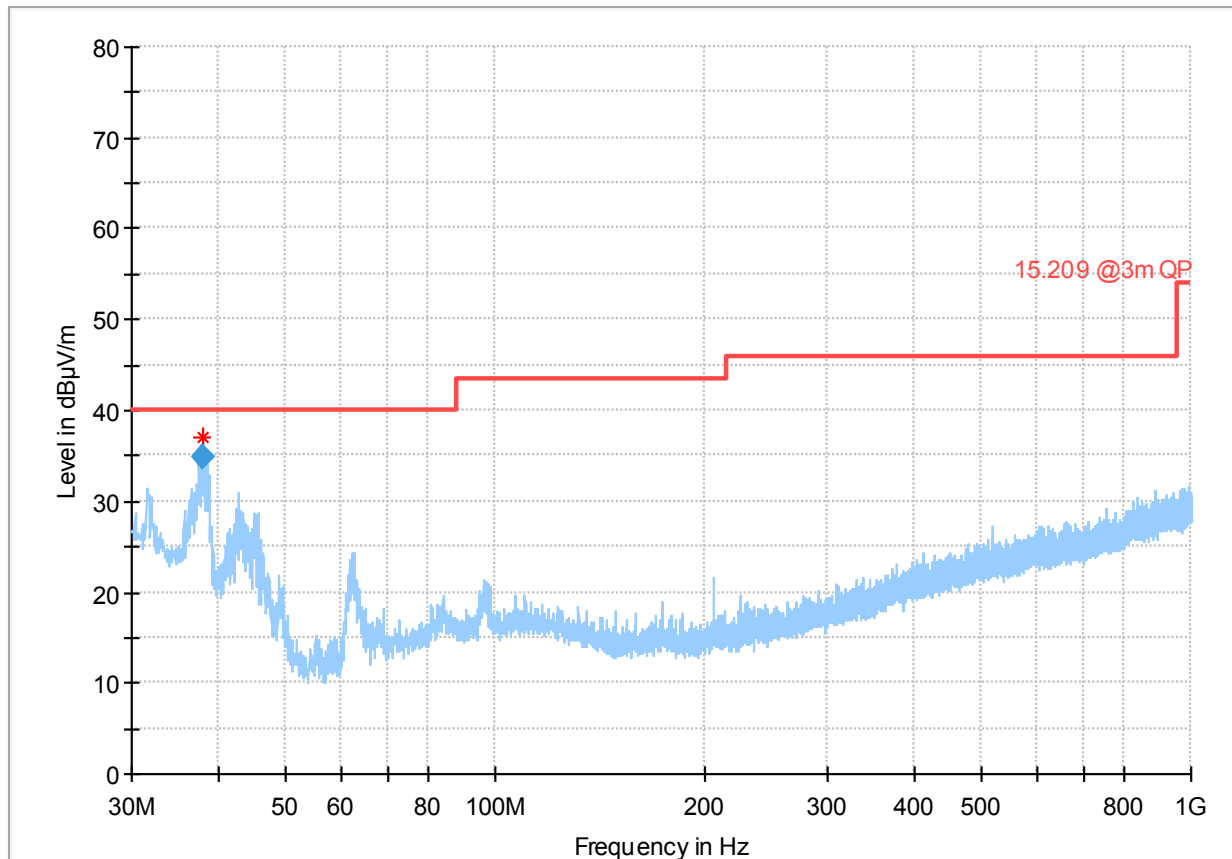
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560000	39.81	50.94	11.13	100.0	9.000	H	30.0	20.5
15.303750	38.51	50.04	11.53	100.0	9.000	V	240.0	20.5
15.549000	39.28	50.03	10.75	100.0	9.000	V	300.0	20.5

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)	Corr. (dB/m)
38.252500	33.11	40.00	6.89	100.0	120.000	100.0	V	147.0	15.9

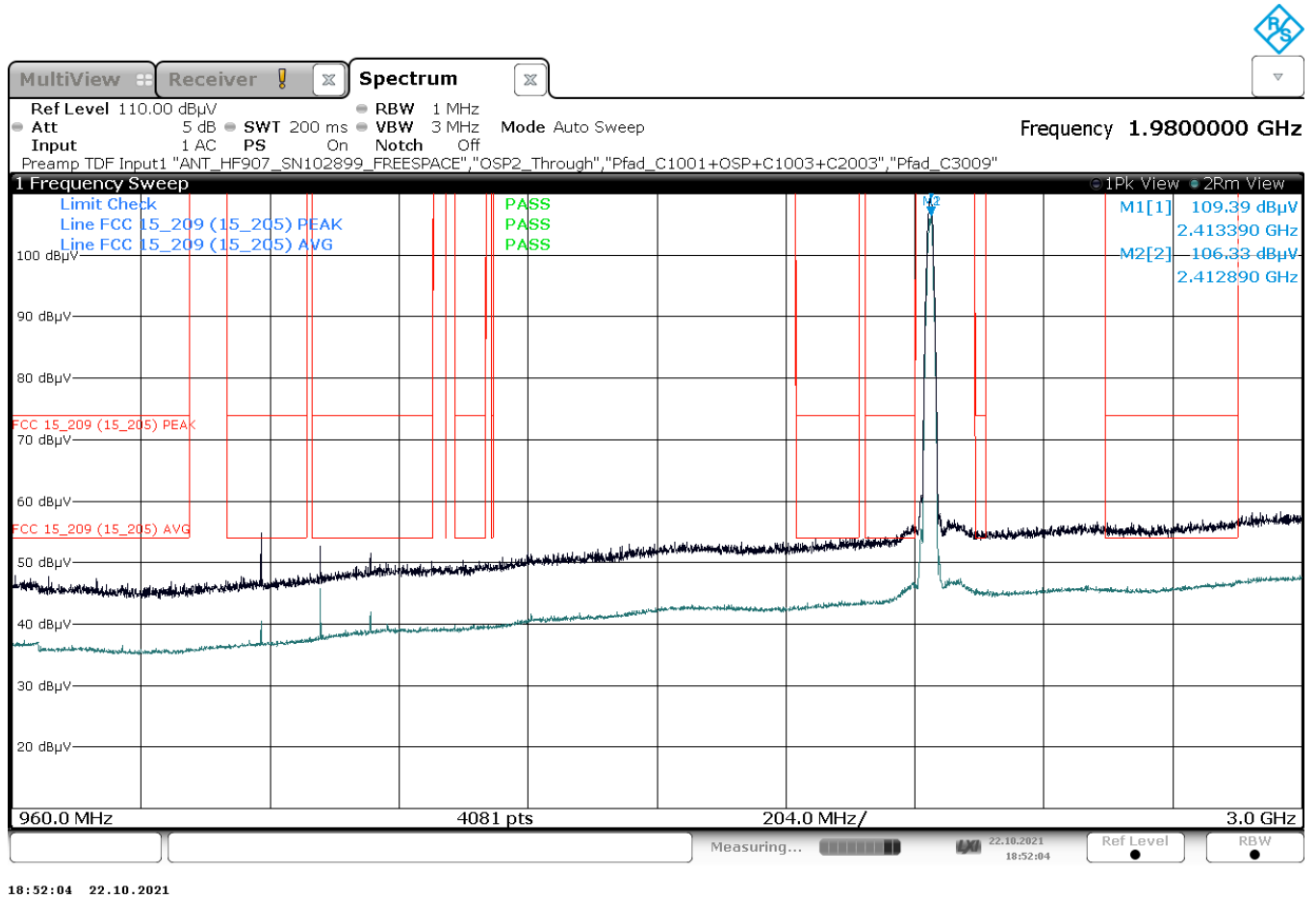
Plot 68: Mode 1, RSE 30 MHz – 1 GHz, high channel, horizontal / vertical polarisation



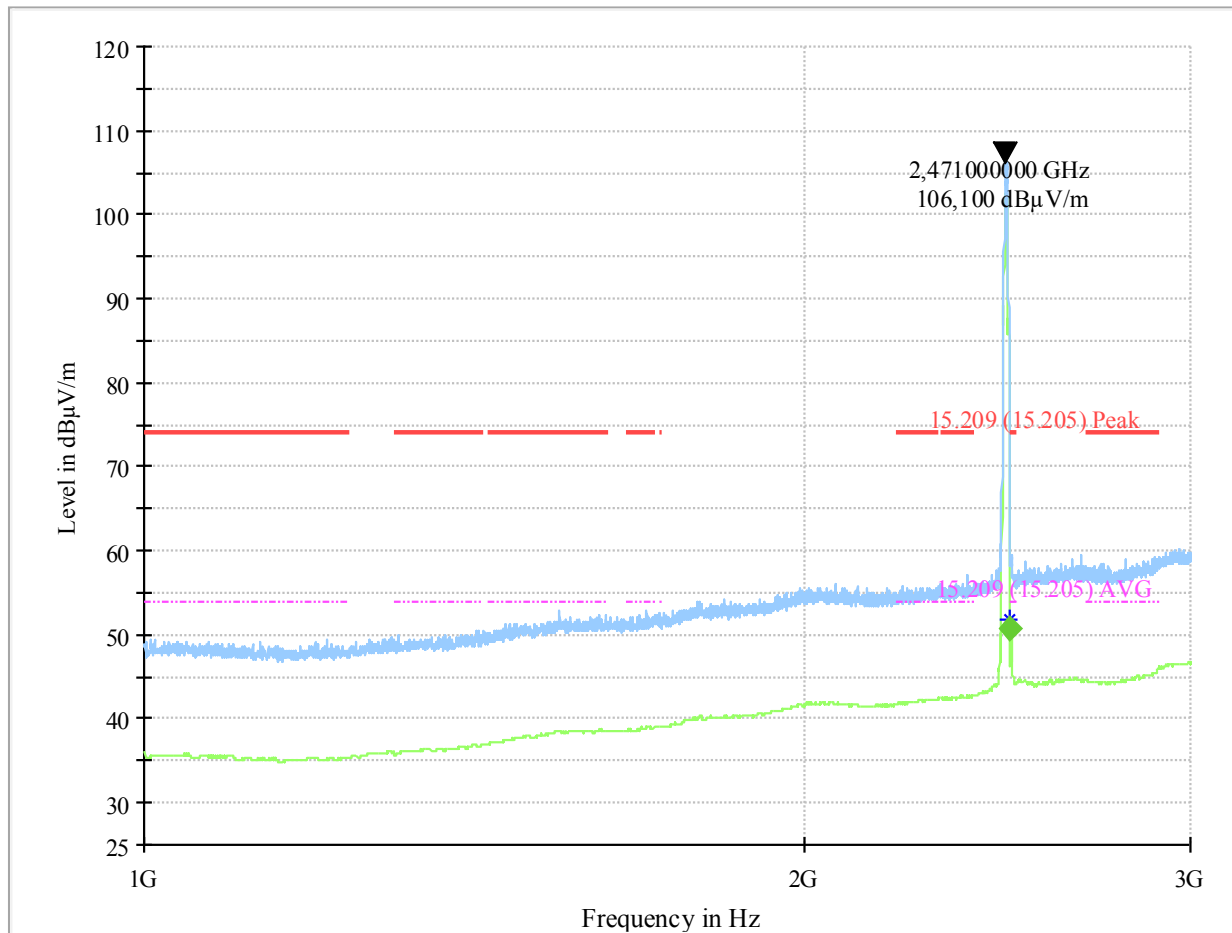
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.027500	34.87	40.00	5.13	100.0	120.000	100.0	V	304.0	16.0

Annex A of TR no.: 21086129-23009-1

Plot 69: Mode 1, RSE 1 GHz – 3 GHz, low channel, horizontal / vertical polarisation



Plot 70: Mode 1, RSE 1 GHz – 3 GHz, high channel, horizontal / vertical polarisation



Final_Result

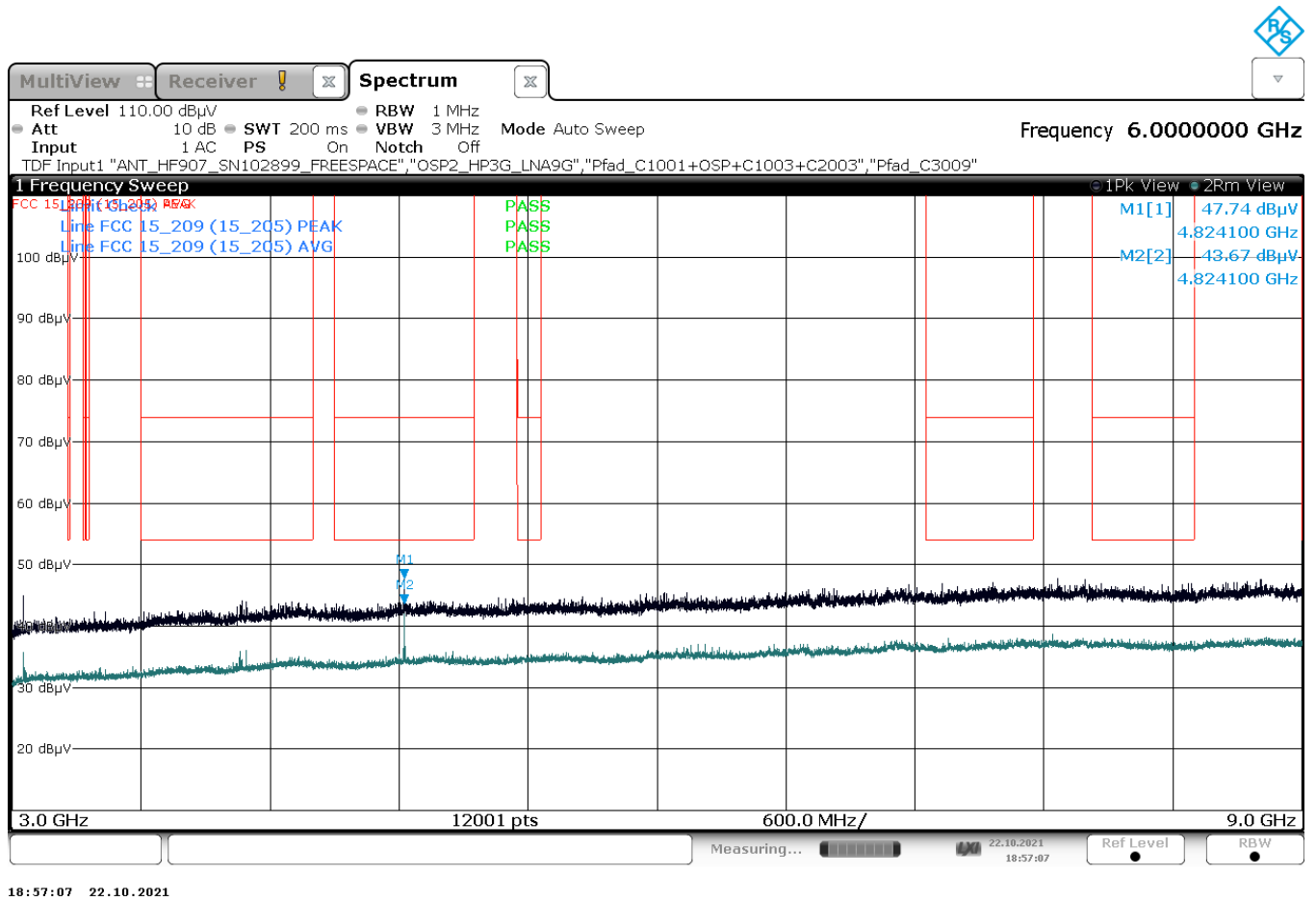
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
2483.250000	---	50.66	---	---	100.0	1000.000	150.0	V

(continuation of the "Final_Result" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)	Comment
2483.250000	318.0	90.0	33.6	16:25:31 - 21.10.2021

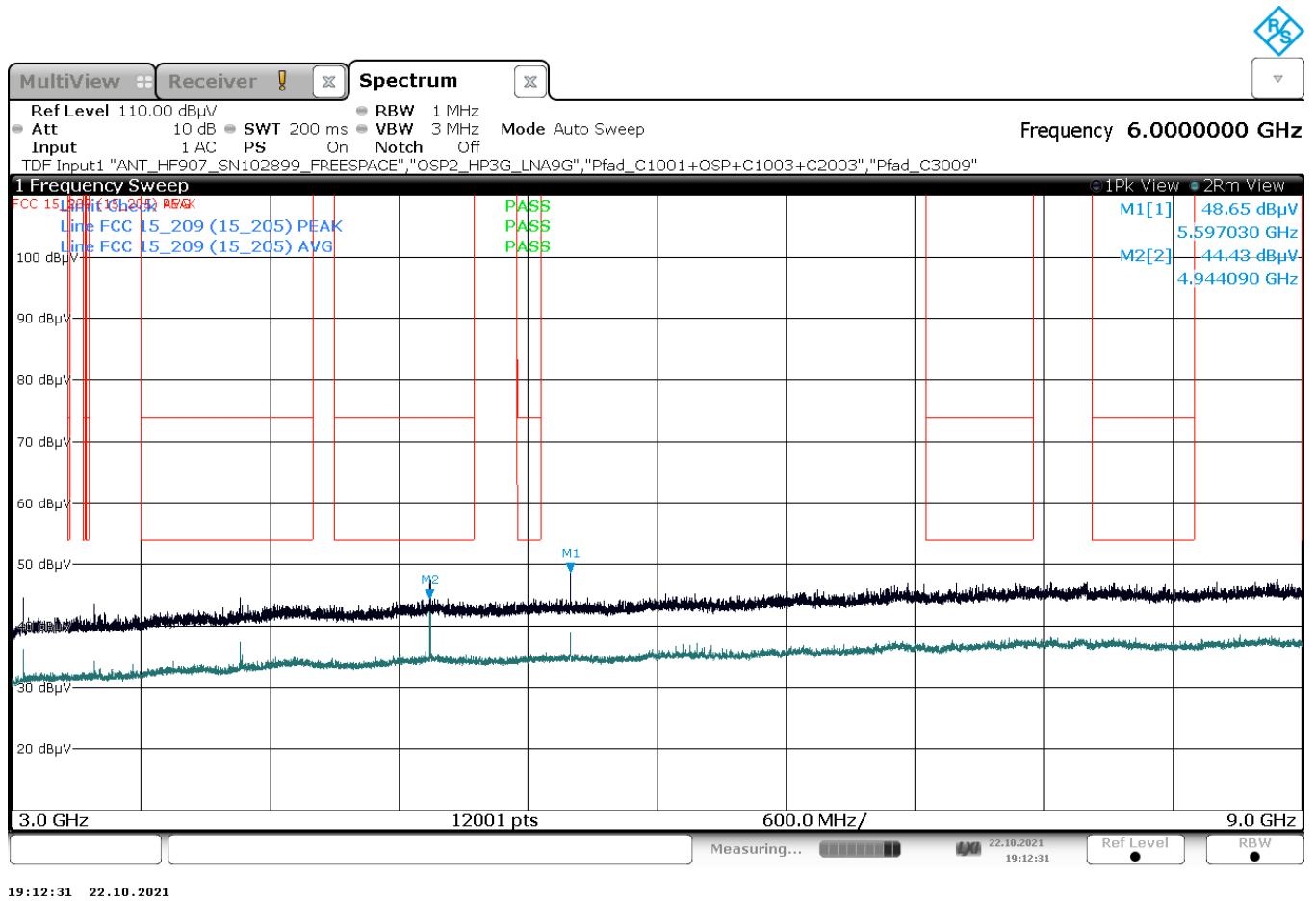
Annex A of TR no.: 21086129-23009-1

Plot 71: Mode 1, RSE 3 GHz – 9 GHz, low channel, horizontal / vertical polarisation



Annex A of TR no.: 21086129-23009-1

Plot 72: Mode 1, RSE 3 GHz – 9 GHz, high channel, horizontal / vertical polarisation



3 Revision History

-0 Initial Version

-1 Revision: administrative modification/correction

Change of HVIN

This test report 21086129-23009-1 replaces the previous test report 21086129-23009-0

End of Annex
