

Annex A

Measurement plots

part of / in addition to

Test report no.: 24039934-40528-0

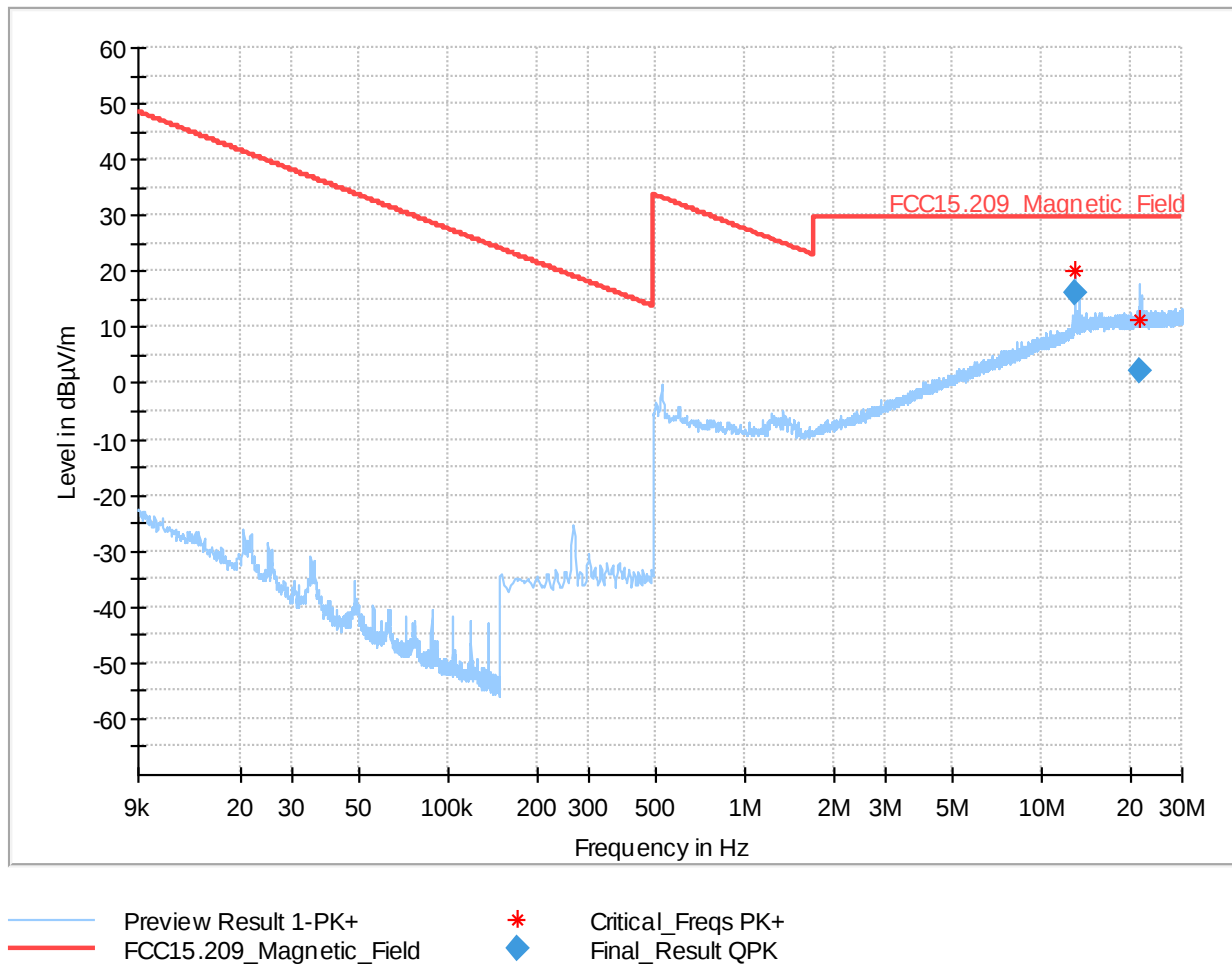
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1 General Limit - Radiated field strength emissions, 9 kHz – 12.75 GHz

1.1 Radiated field strength measurements (f < 30 MHz)

1.1.1 Set-up 1, 9 kHz – 30 MHz, Op. 1 - 4

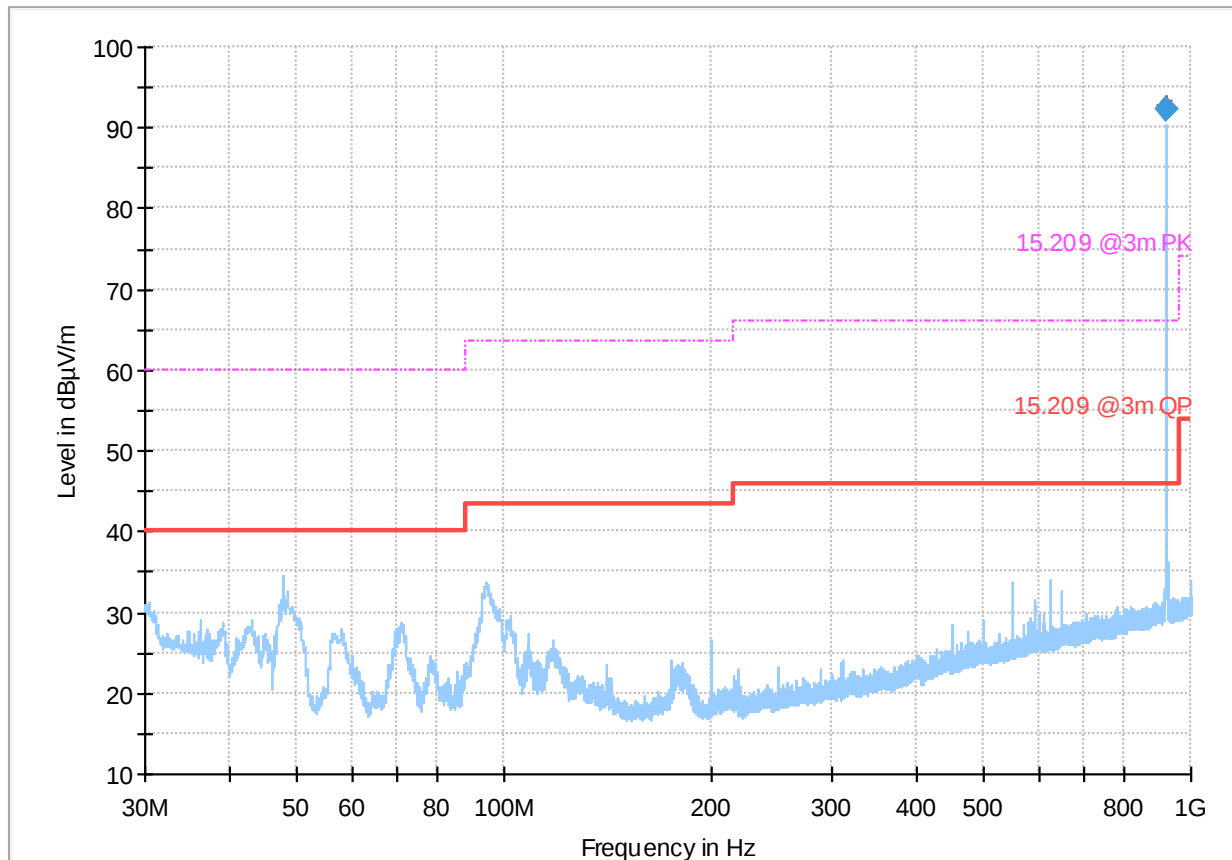


Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
13.078500	16.00	29.54	13.54	100.0	9.000	V	80.0	-1.2
21.626250	2.20	29.54	27.34	100.0	9.000	V	75.0	0.6

1.2 Radiated field strength measurements (30 MHz < f < 1000 MHz)

1.2.1 Set-up 1, Op. 1

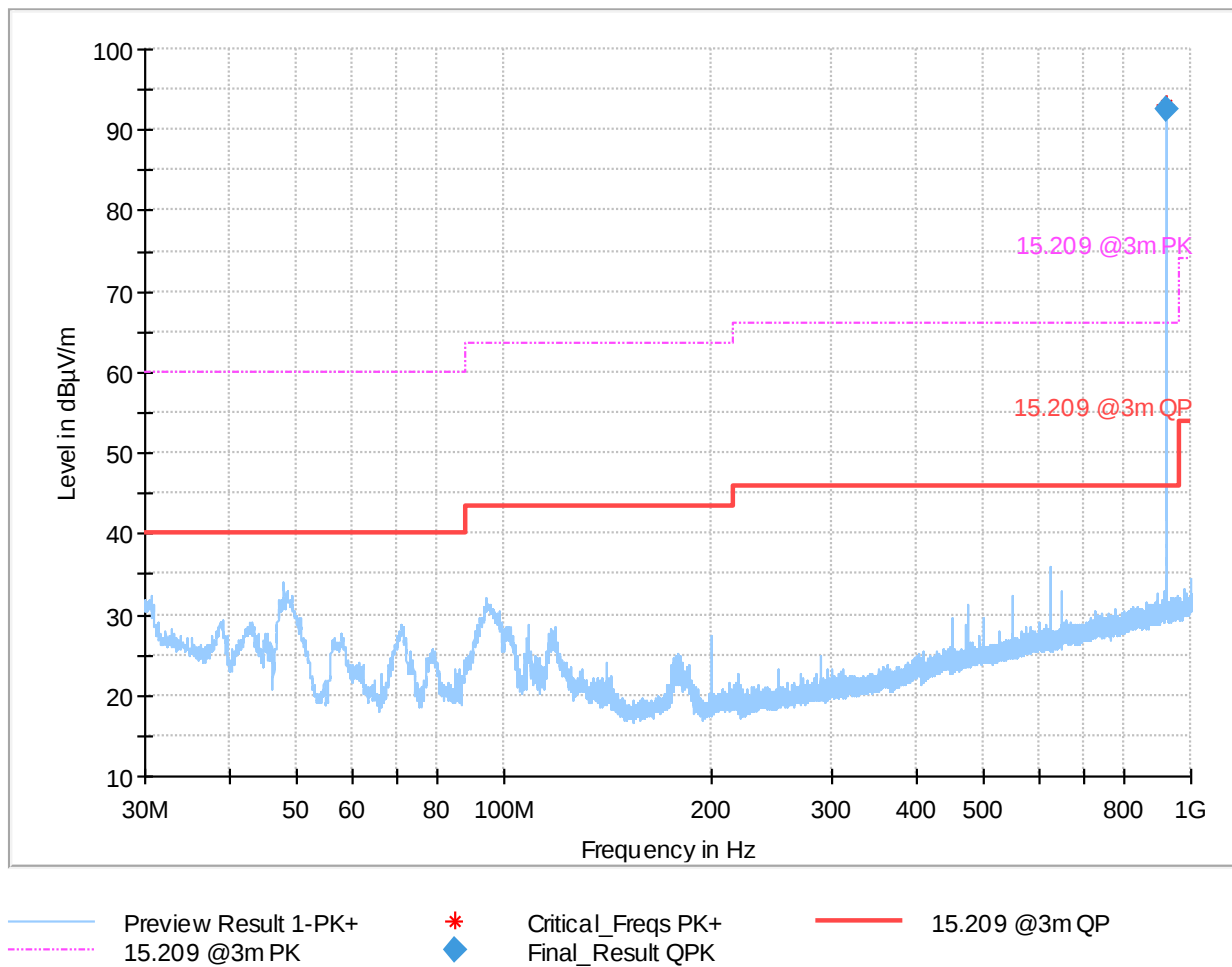


— Preview Result 1-PK+
— 15.209 @3m PK
 * Critical_Freqs PK+
◆ Final_Result QPK
 — 15.209 @3m QP

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
919.200000	92.25	46.00	-46.25	100.0	120.000	135.0	H	120.0

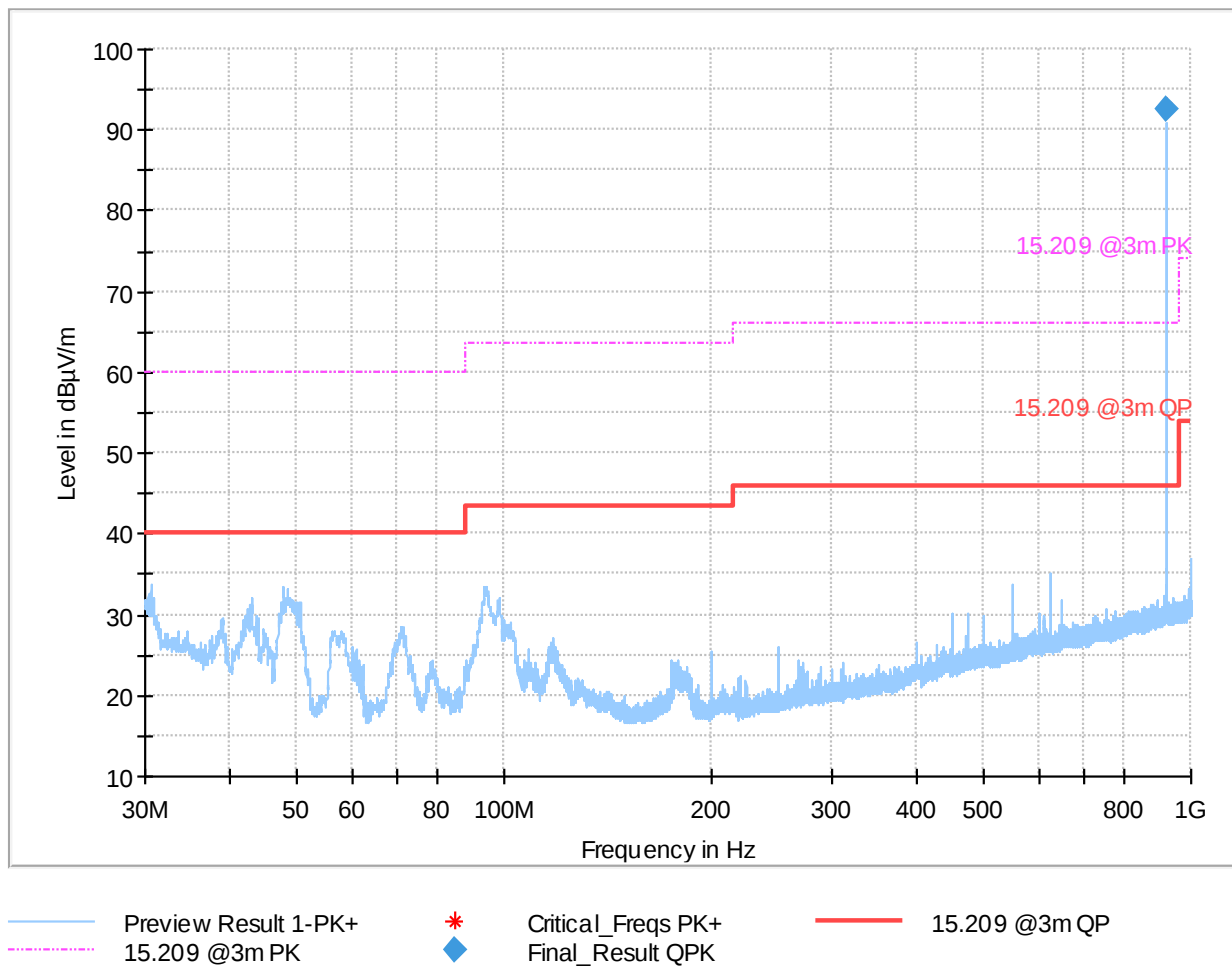
1.2.2 Set-up 1, Op. 2



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
919.800000	92.67	46.00	-46.67	100.0	120.000	130.0	H	127.0

1.2.3 Set-up 1, Op. 3

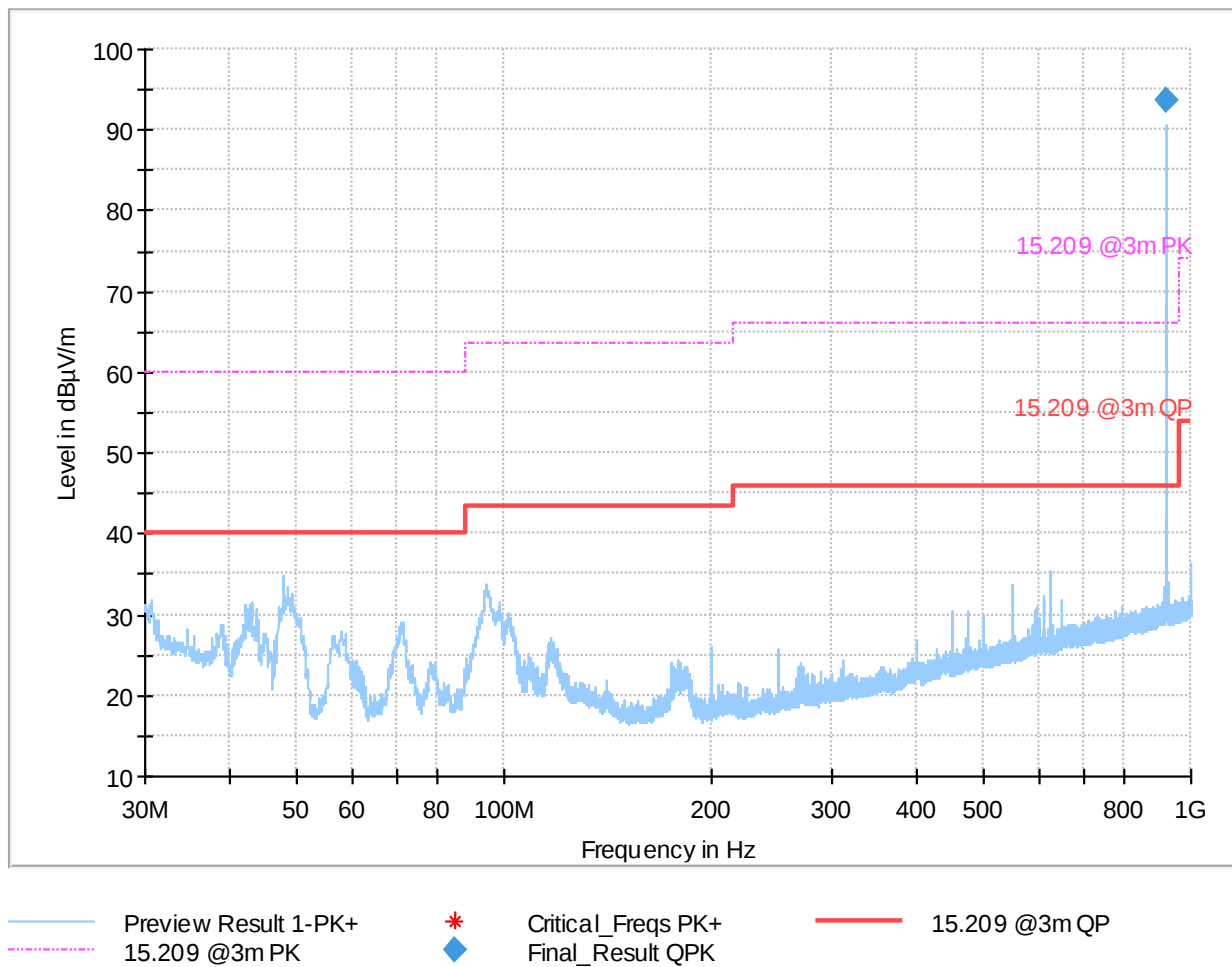


Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
920.200000	92.42	46.00	-46.42	100.0	120.000	136.0	H	-42.0

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1.2.4 Set-up 1, Op. 4

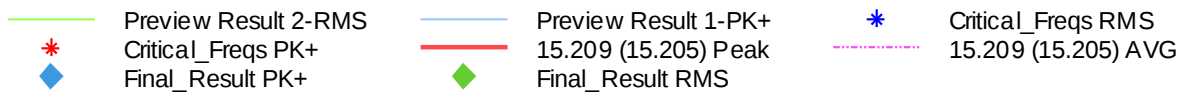
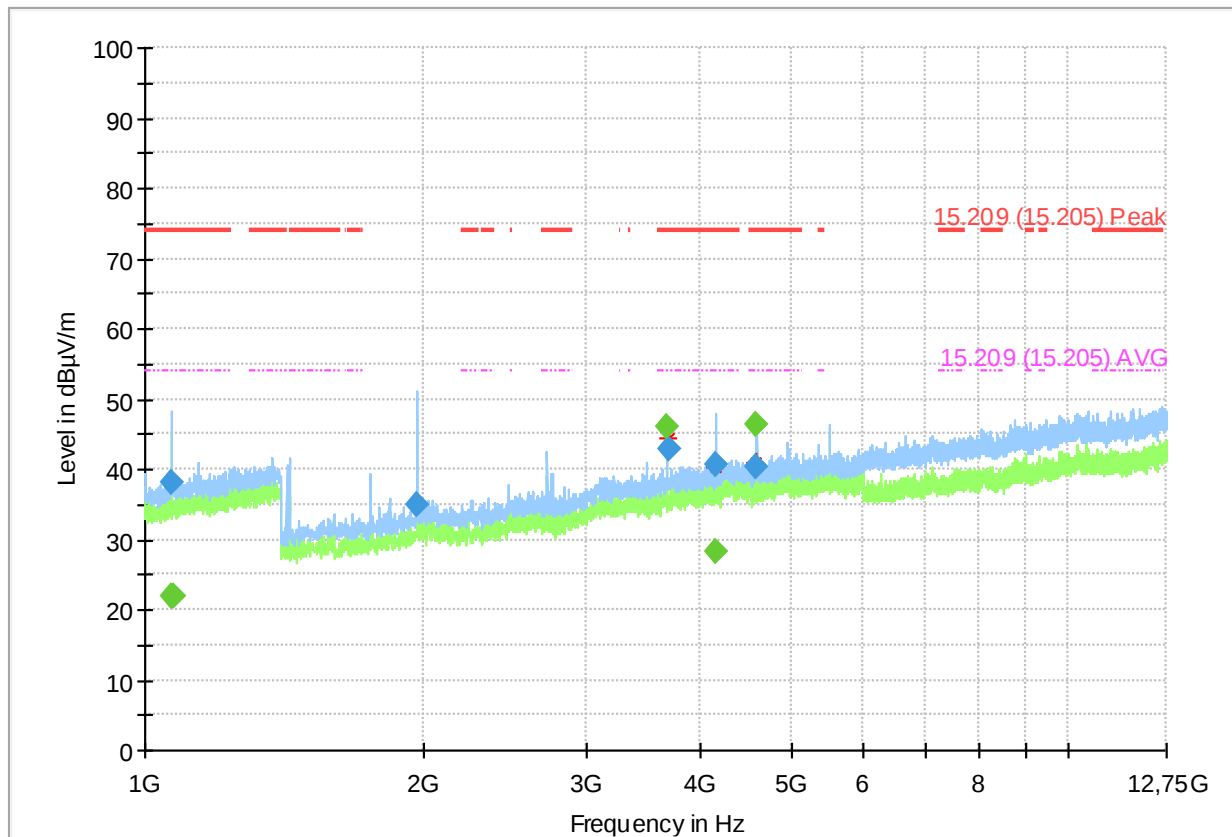


Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
920.800000	93.60	46.00	-47.60	100.0	120.000	138.0	H	-26.0

1.3 Radiated field strength measurements (1 GHz < f < 18 GHz)

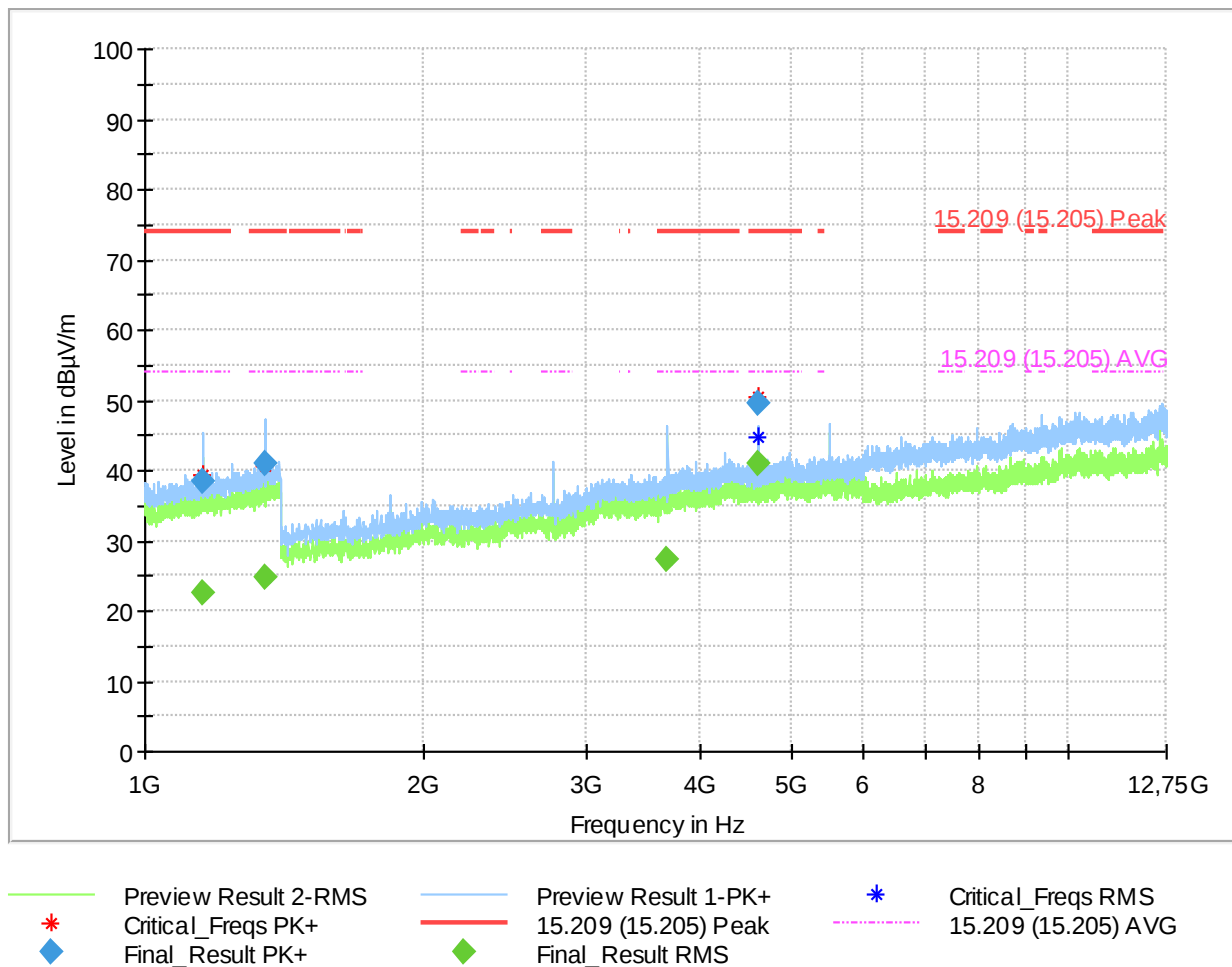
1.3.1 Set-up 1, Op. 1



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
1067.850000	---	21.75	54.00	32.25	1000.0	1000.000	150.0	V
1067.850000	38.10	---	74.00	35.90	1000.0	1000.000	150.0	H
1074.600000	---	21.96	54.00	32.04	1000.0	1000.000	150.0	H
1965.800000	34.85	---	---	---	1000.0	1000.000	150.0	V
3676.750000	---	45.98	54.00	8.02	1000.0	1000.000	150.0	H
3682.000000	42.91	---	74.00	31.09	1000.0	1000.000	150.0	H
4148.100000	40.69	---	74.00	33.31	1000.0	1000.000	150.0	H
4157.850000	---	28.33	54.00	25.67	1000.0	1000.000	150.0	H
4591.100000	40.47	---	74.00	33.53	1000.0	1000.000	150.0	H
4596.000000	---	46.24	54.00	7.76	1000.0	1000.000	150.0	H

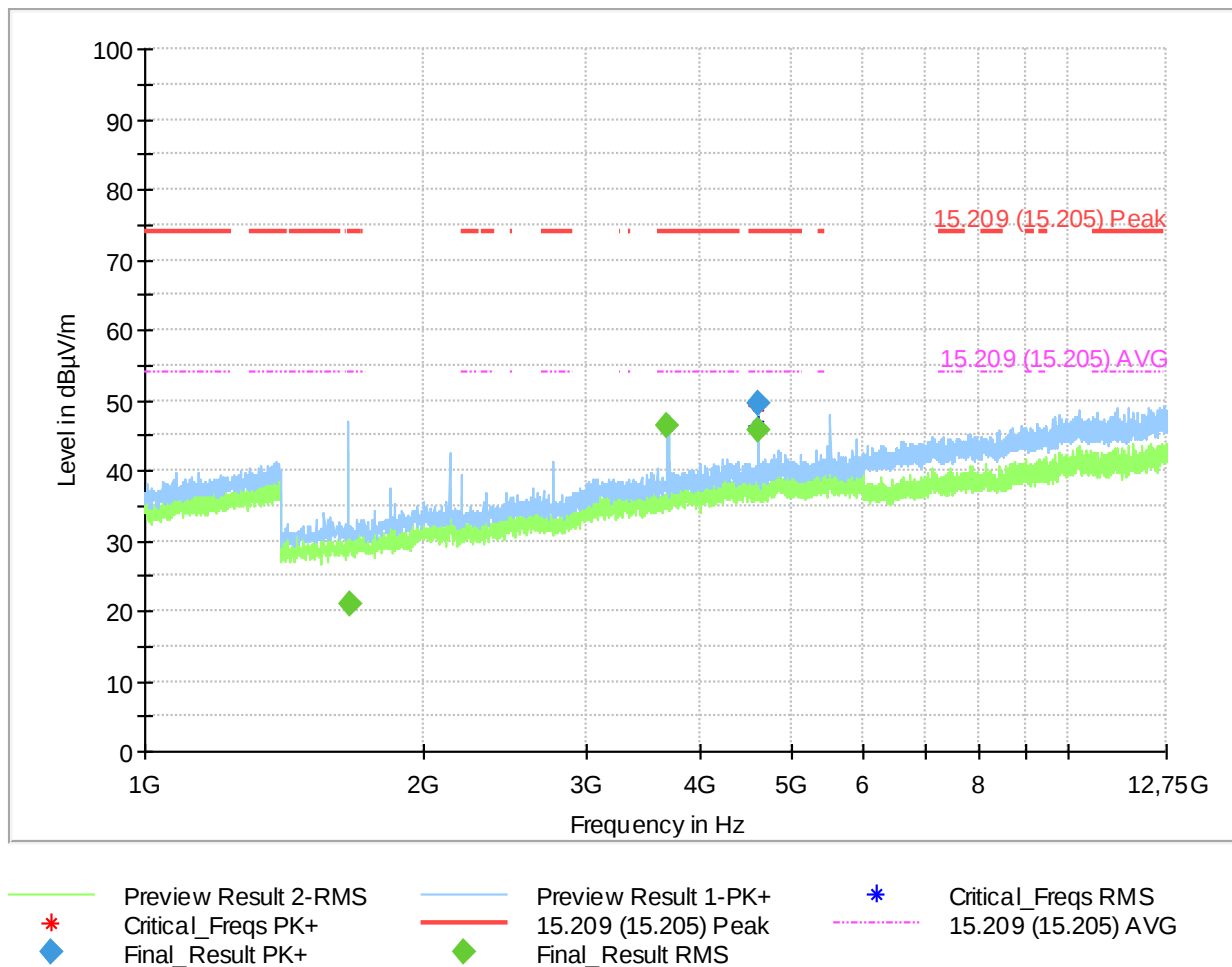
1.3.2 Set-up 1, Op. 2



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
1153.200000	---	22.57	54.00	31.43	1000.0	1000.000	150.0	H
1157.450000	38.53	---	74.00	35.47	1000.0	1000.000	150.0	H
1349.950000	---	24.76	54.00	29.24	1000.0	1000.000	150.0	V
1351.450000	40.85	---	74.00	33.15	1000.0	1000.000	150.0	V
3680.800000	---	27.34	54.00	26.66	1000.0	1000.000	150.0	H
4599.050000	---	40.97	54.00	13.03	1000.0	1000.000	150.0	H
4599.050000	49.53	---	74.00	24.47	1000.0	1000.000	150.0	H

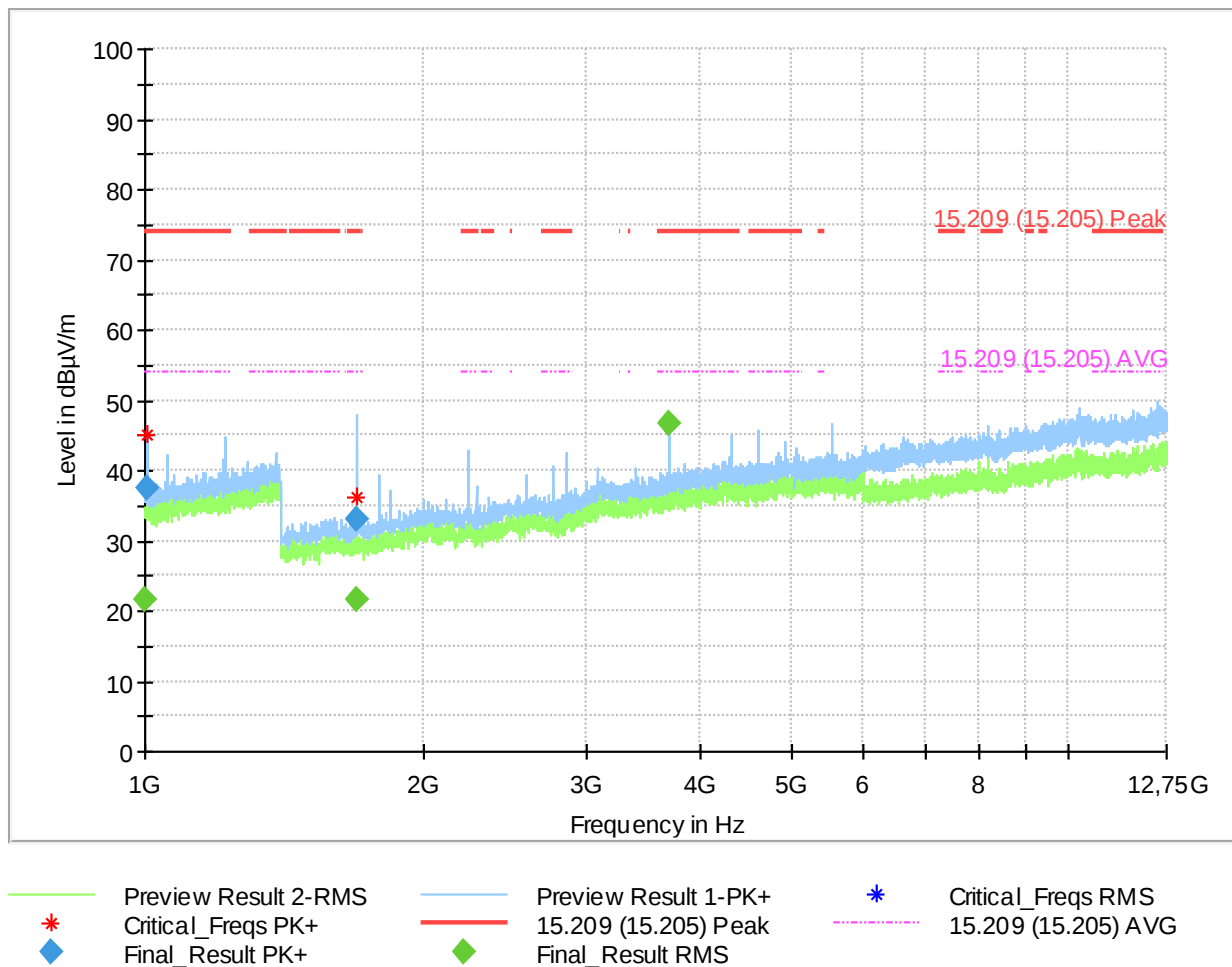
1.3.3 Set-up 1, Op. 3



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
1664.400000	---	20.89	54.00	33.11	1000.0	1000.000	150.0	V
3680.850000	---	46.32	54.00	7.68	1000.0	1000.000	150.0	H
4601.100000	49.55	---	74.00	24.45	1000.0	1000.000	150.0	H
4601.100000	---	45.81	54.00	8.19	1000.0	1000.000	150.0	H

1.3.4 Set-up 1, Op. 4

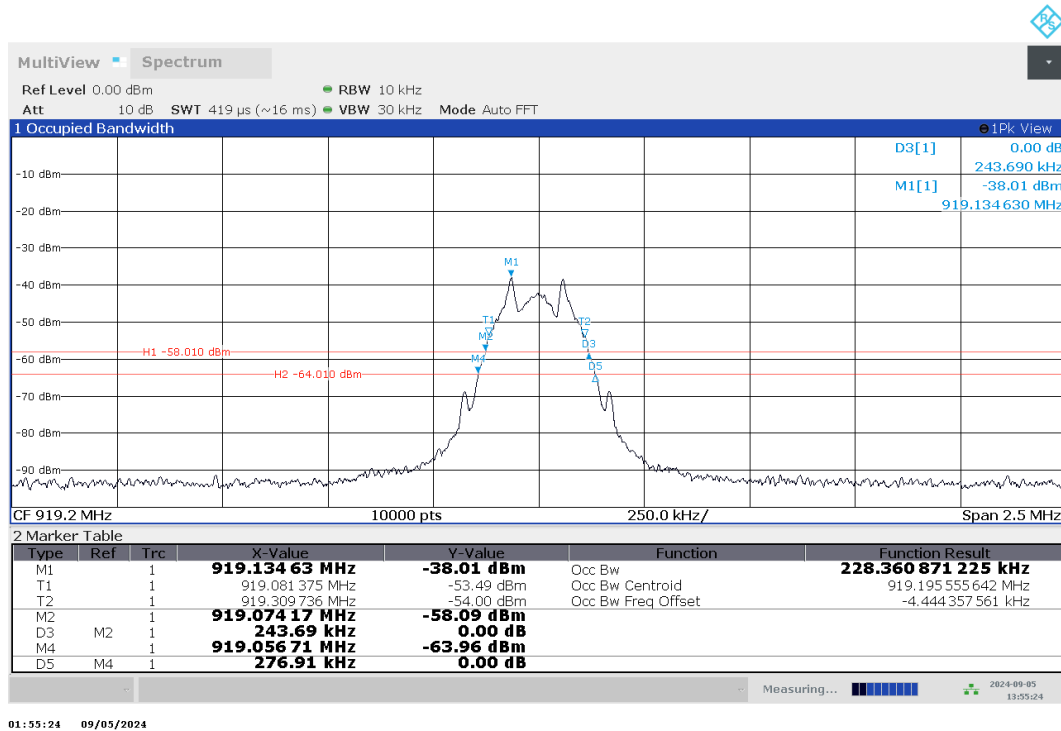


Final_Result

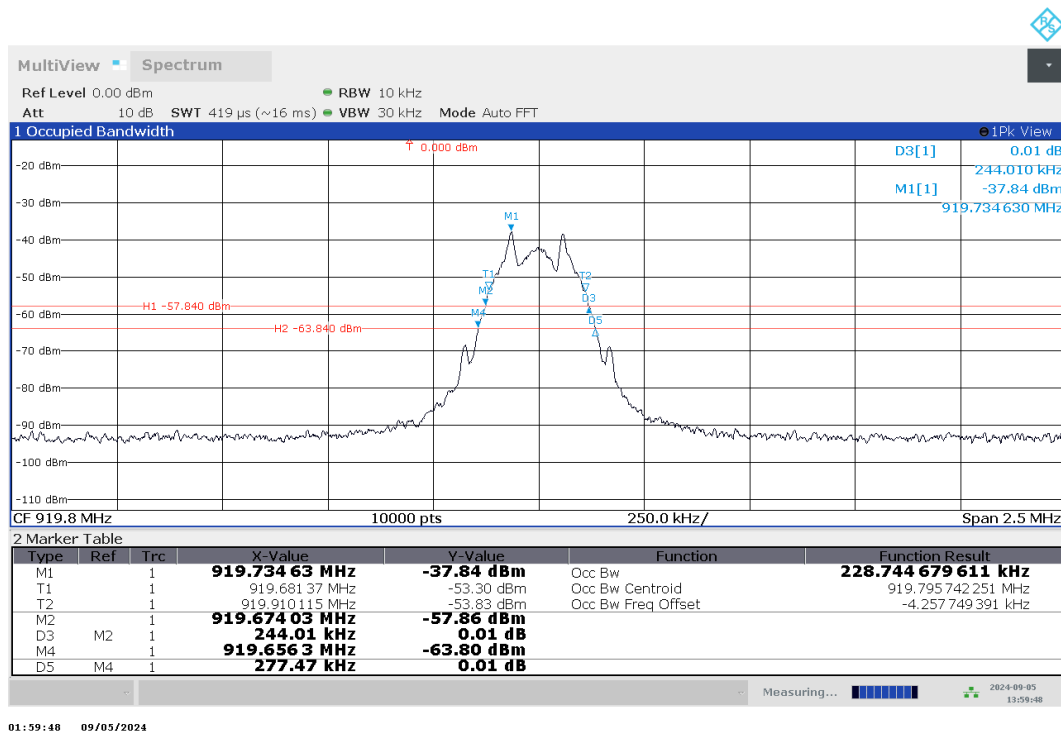
Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
1000.850000	---	21.61	54.00	32.39	1000.0	1000.000	150.0	V
1006.350000	37.46	---	74.00	36.54	1000.0	1000.000	150.0	V
1699.800000	32.88	---	74.00	41.12	1000.0	1000.000	150.0	V
1700.050000	---	21.43	54.00	32.57	1000.0	1000.000	150.0	V
3683.150000	---	46.57	54.00	7.43	1000.0	1000.000	150.0	H

2 Occupied Bandwidth

2.1 Set-up 1, Op. 5

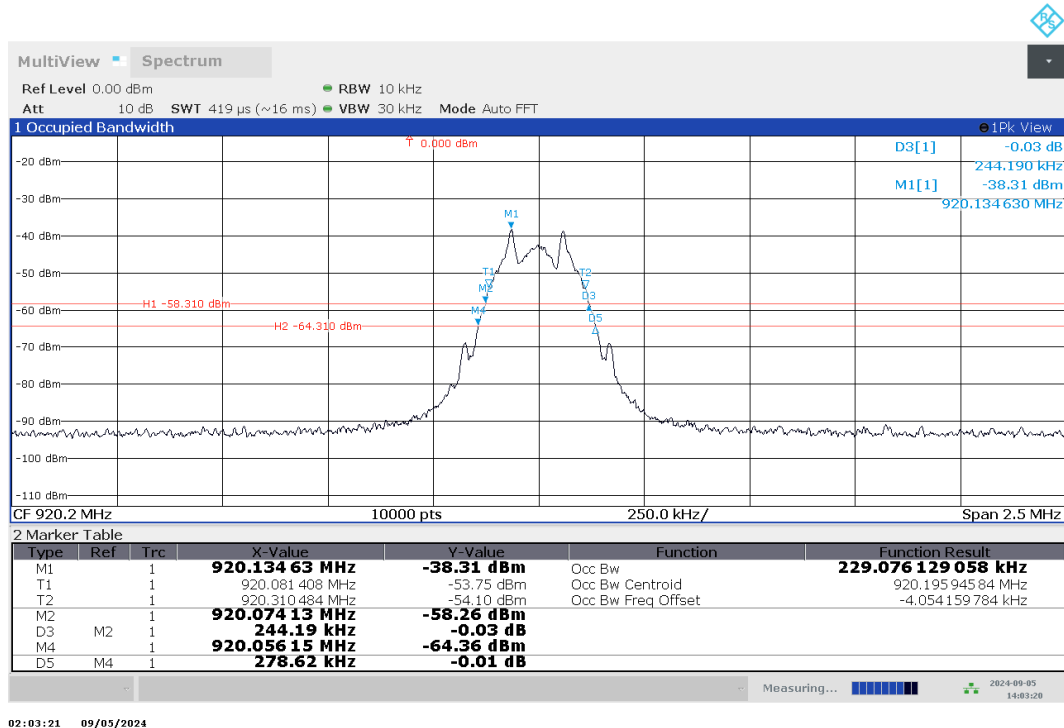


2.2 Set-up 1, Op. 6

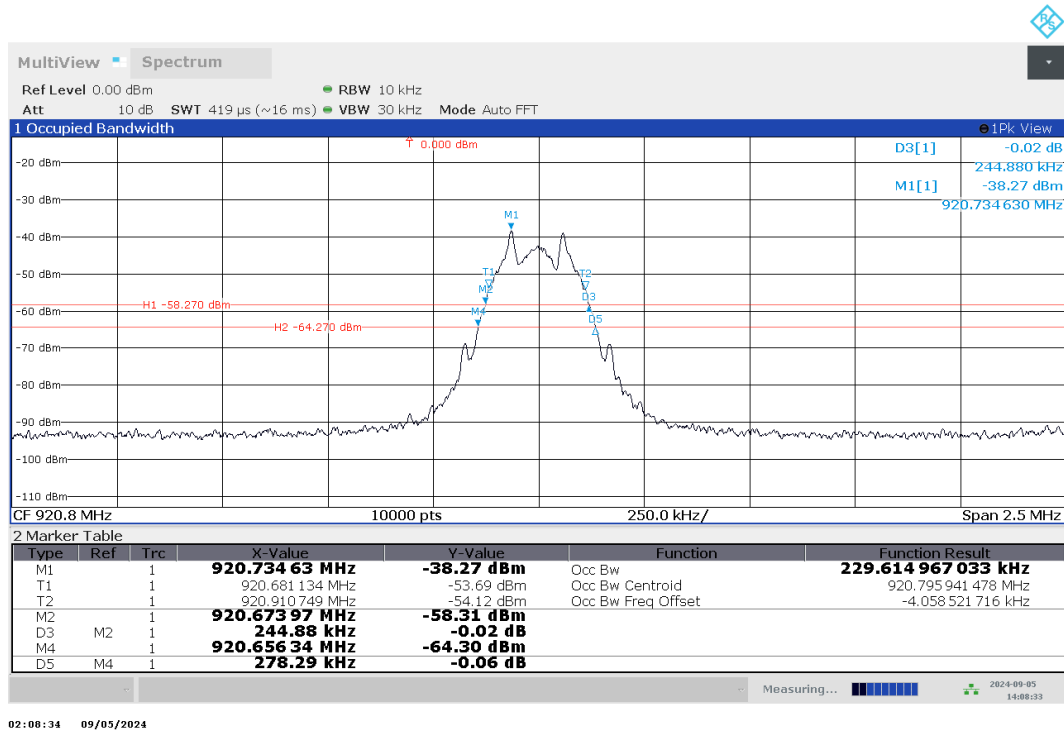


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2.3 Set-up 1, Op. 7

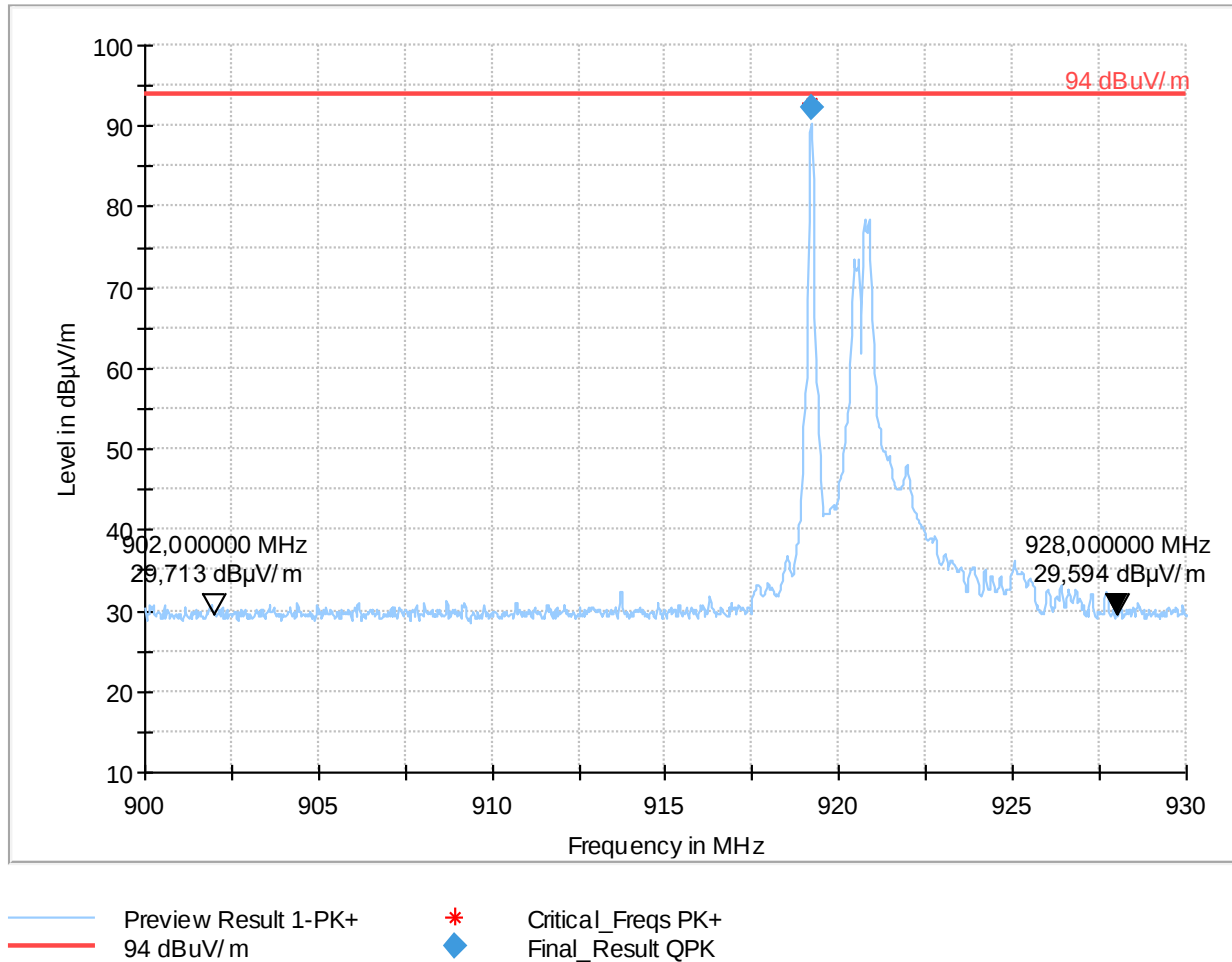


2.4 Set-up 1, Op. 8



3 Band Edge Emission

3.1 Set-up 1, Op. 1*

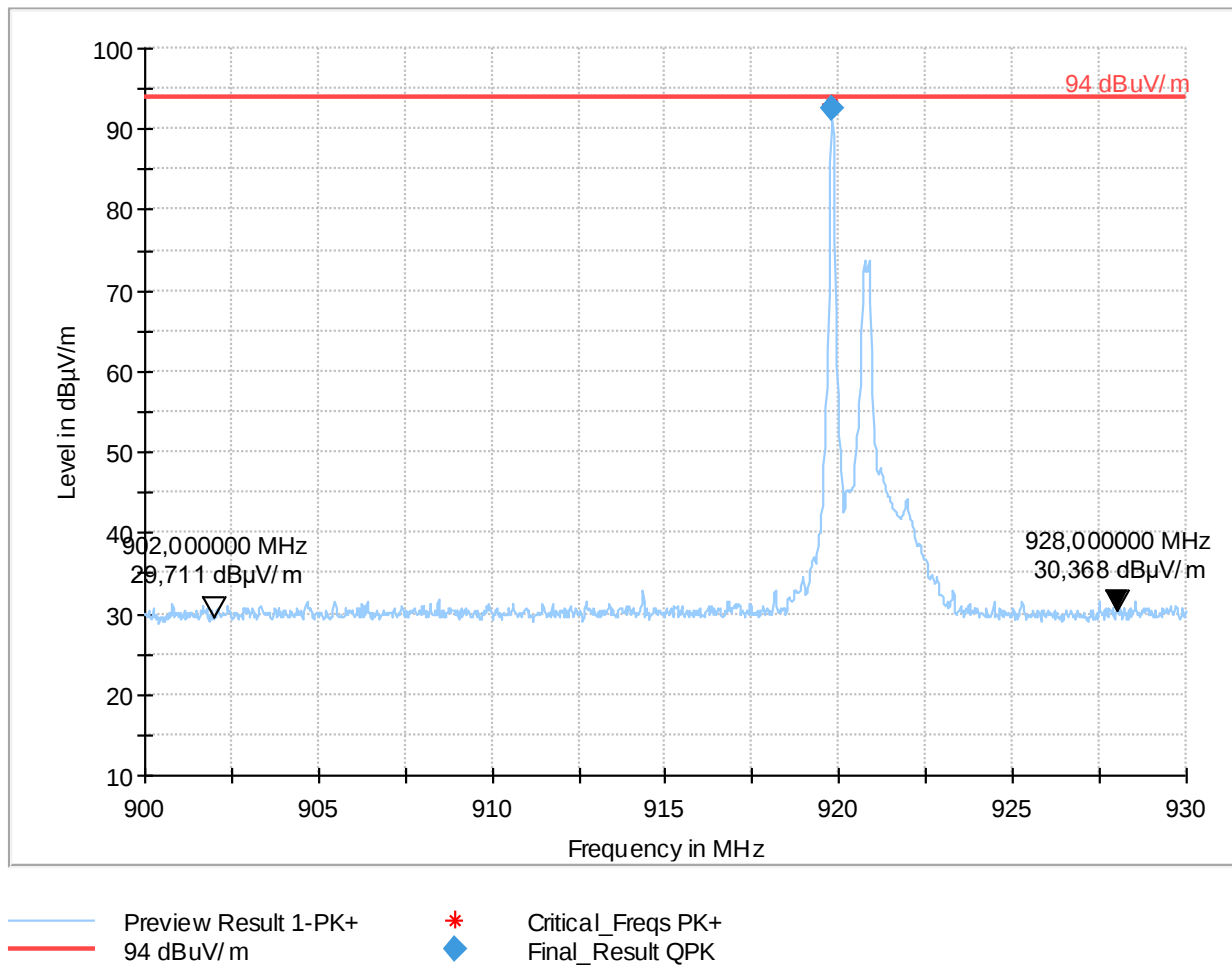


Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
919.200000	92.25	46.00	-46.25	100.0	120.000	135.0	H	120.0

* Signal at app. 921 MHz is coming from AE2. AE2 must communicate regularly with EUT in order EUT continues transmitting.

3.2 Set-up 1, Op. 2*

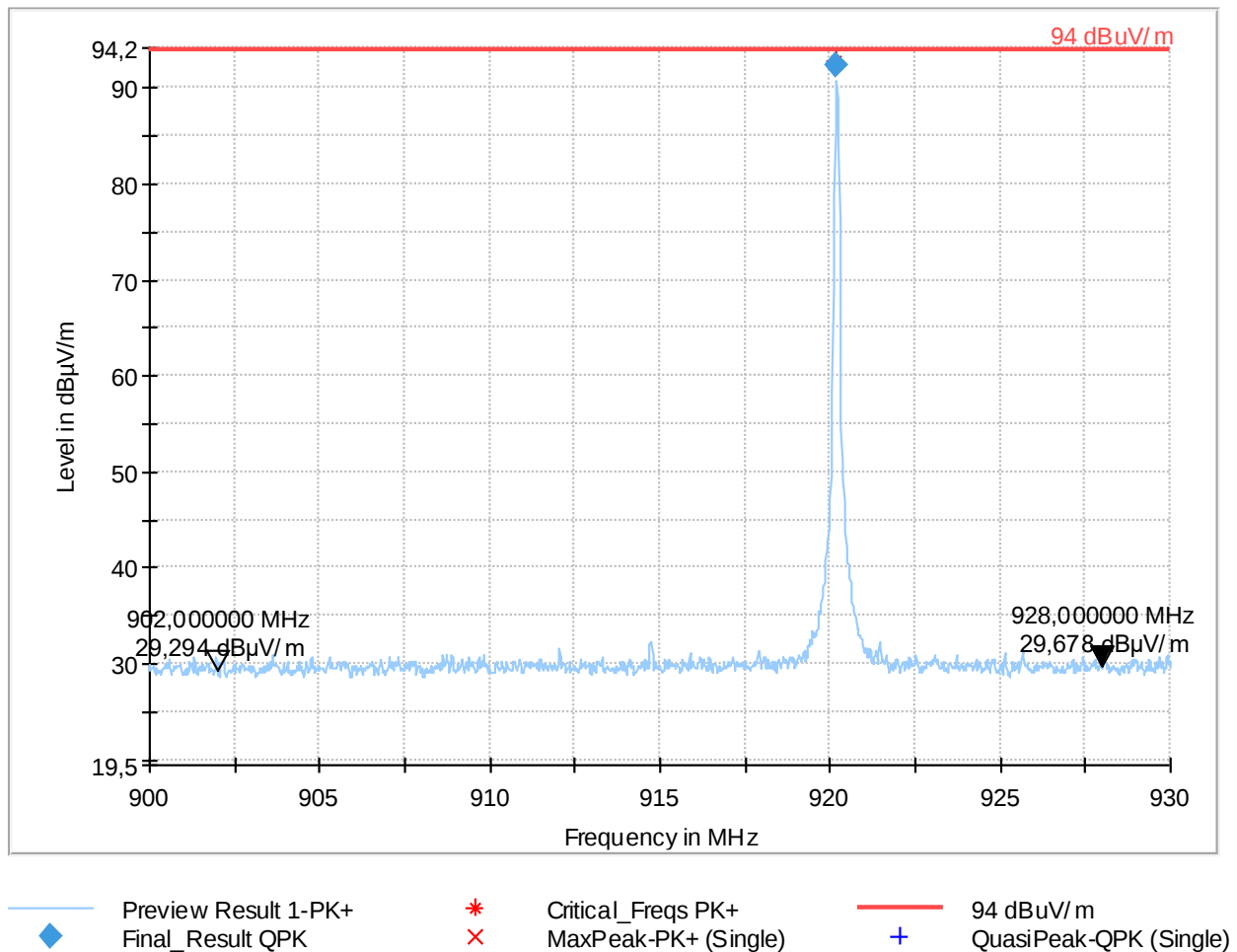


Final Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
919.800000	92.67	46.00	-46.67	100.0	120.000	130.0	H	127.0

* Signal at app. 921 MHz is coming from AE2. AE2 must communicate regularly with EUT in order EUT continues transmitting.

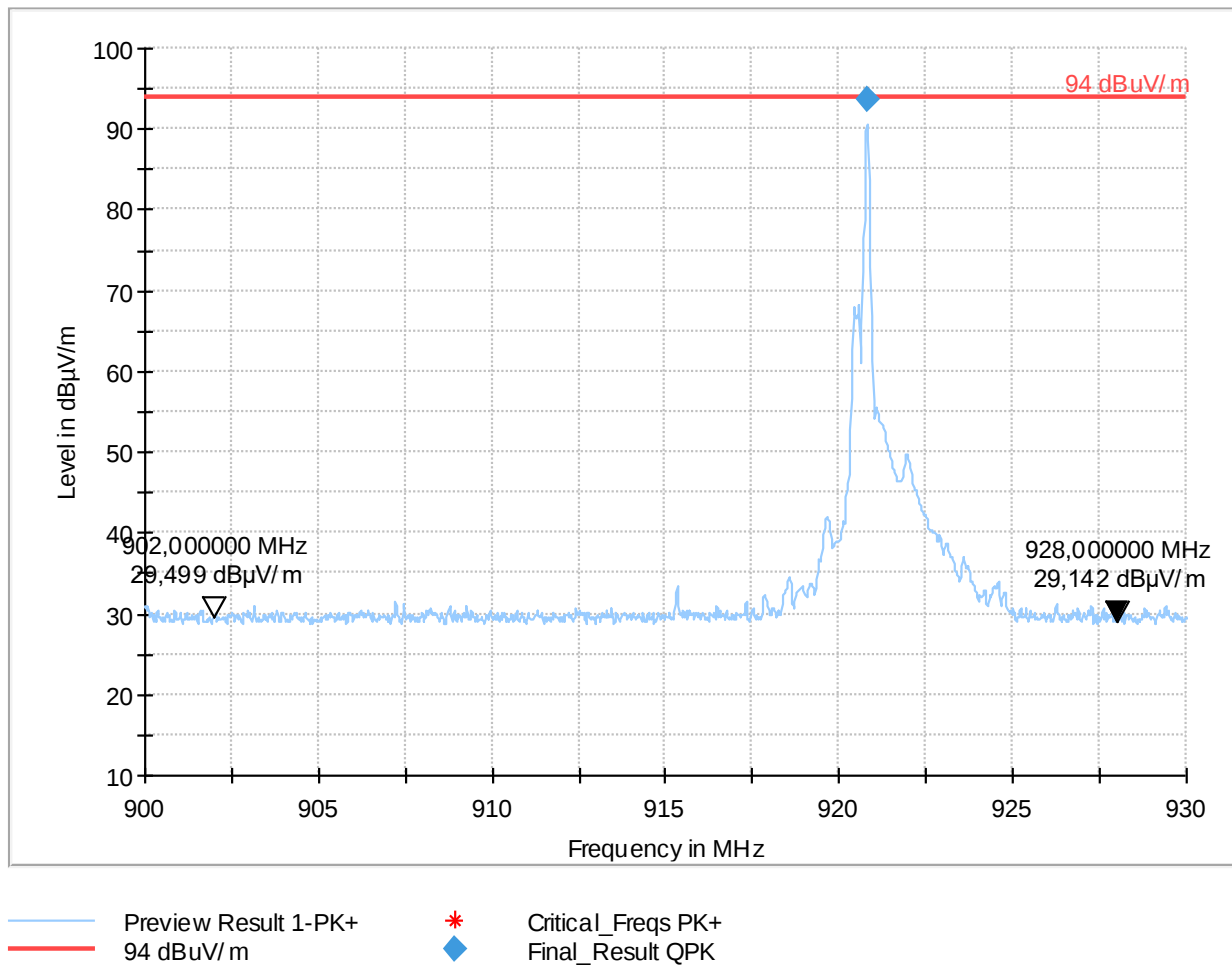
3.3 Set-up 1, Op. 3



Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
920.200000	92.42	46.00	-46.42	100.0	120.000	136.0	H	-42.0

3.4 Set-up 1, Op. 4



Final_Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
920.800000	93.60	46.00	-47.60	100.0	120.000	138.0	H	-26.0