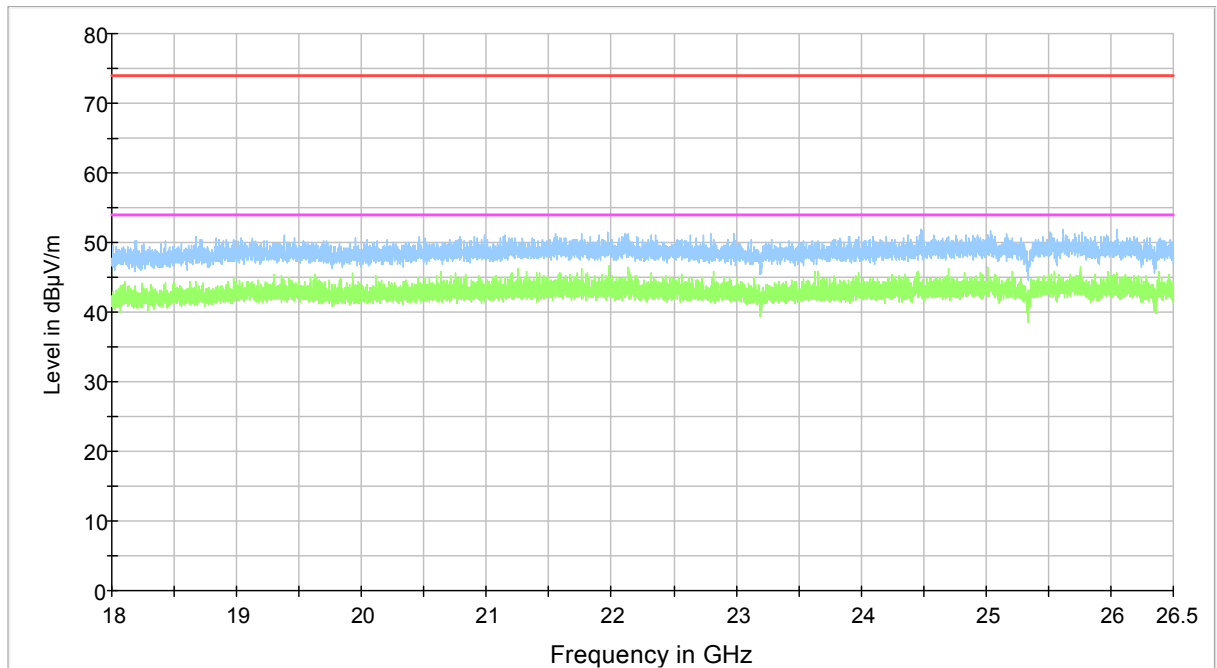


Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



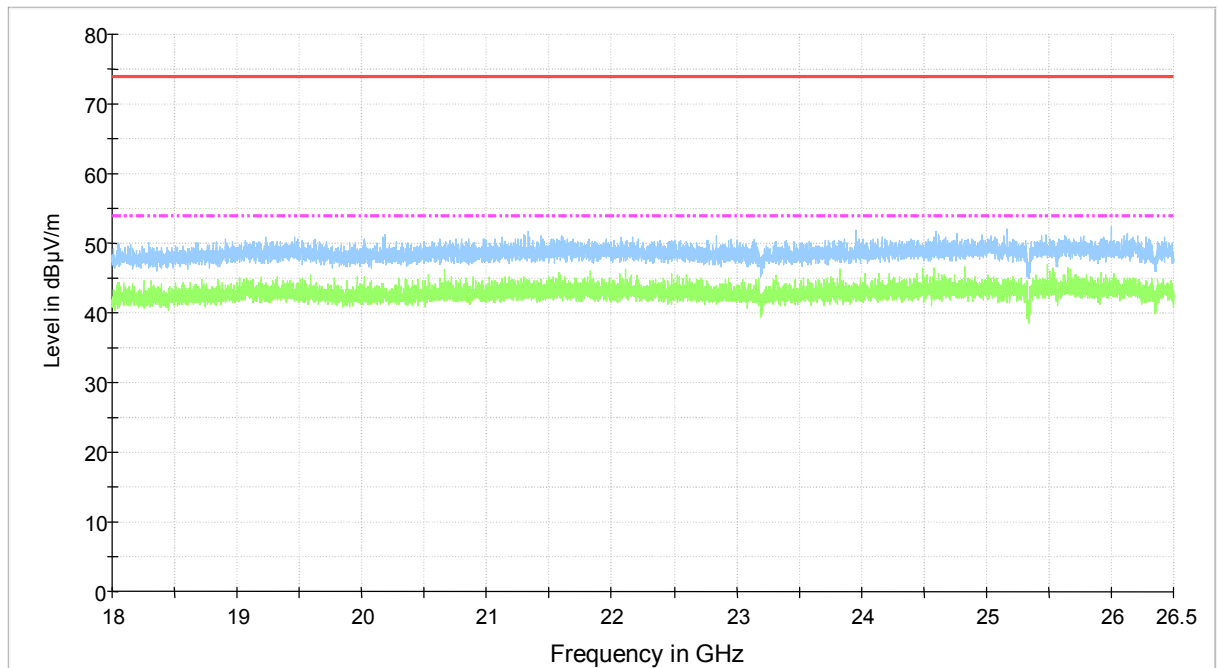
— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 — FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

Figure 28. Measured curve with peak- and average detector (middle channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

Figure 29. Measured curve with peak- and average detector (high channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Test results with external antenna

FCC Part 15 Class B Spurious Emission 30-1000MHz 3m

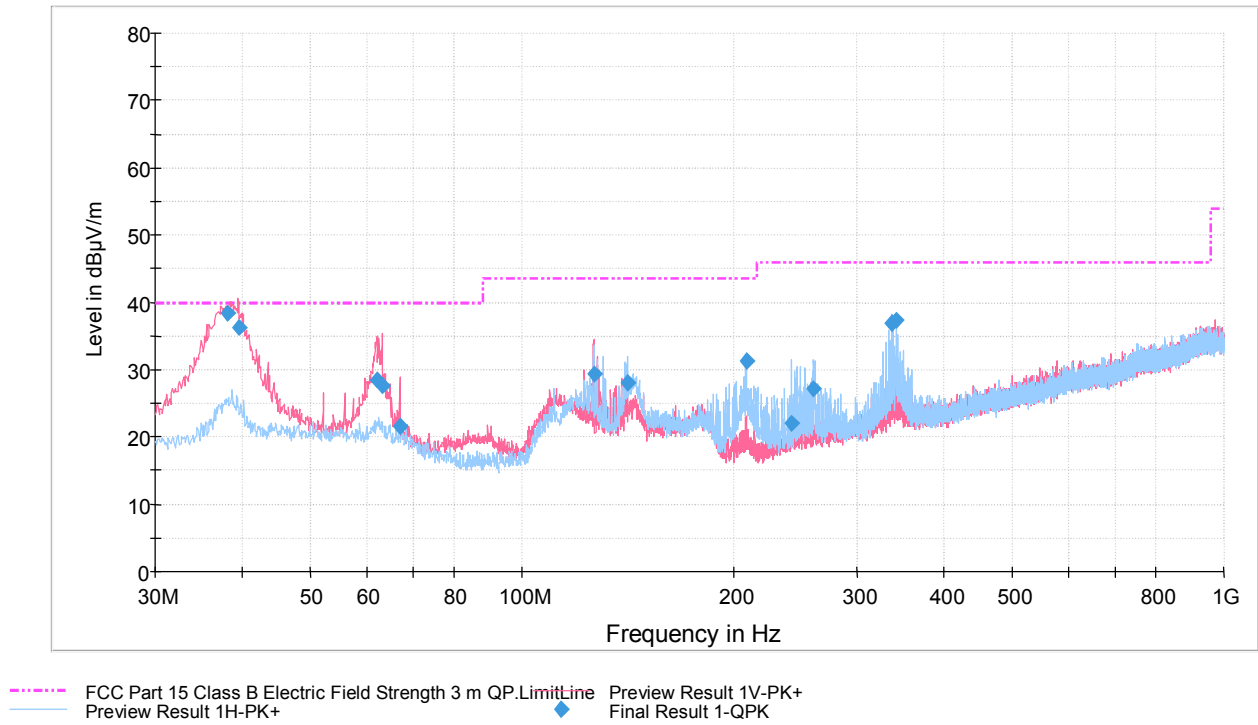


Figure 30. Measured curve with peak-detector (low channel).

Table 13. Final measurements from the worst frequencies

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
38.142000	38.3	1000.0	120.000	100.0	V	36.0	15.0	1.7	40.0	
39.569000	36.3	1000.0	120.000	100.0	V	25.0	15.1	3.7	40.0	
62.150000	28.4	1000.0	120.000	100.0	V	238.0	14.1	11.6	40.0	
63.311000	27.5	1000.0	120.000	100.0	V	228.0	14.1	12.5	40.0	
67.037000	21.5	1000.0	120.000	100.0	V	294.0	13.9	18.5	40.0	
126.612000	29.3	1000.0	120.000	206.0	V	227.0	13.4	14.2	43.5	
141.493000	28.1	1000.0	120.000	233.0	H	259.0	15.2	15.4	43.5	
208.540000	31.2	1000.0	120.000	132.0	H	116.0	11.6	12.3	43.5	
242.079000	21.9	1000.0	120.000	116.0	H	334.0	13.4	24.1	46.0	
260.683000	27.3	1000.0	120.000	100.0	H	242.0	13.8	18.7	46.0	
335.995000	36.8	1000.0	120.000	100.0	H	146.0	16.1	9.2	46.0	
340.497000	37.3	1000.0	120.000	100.0	H	311.0	16.1	8.7	46.0	

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 30-1000MHz 3m

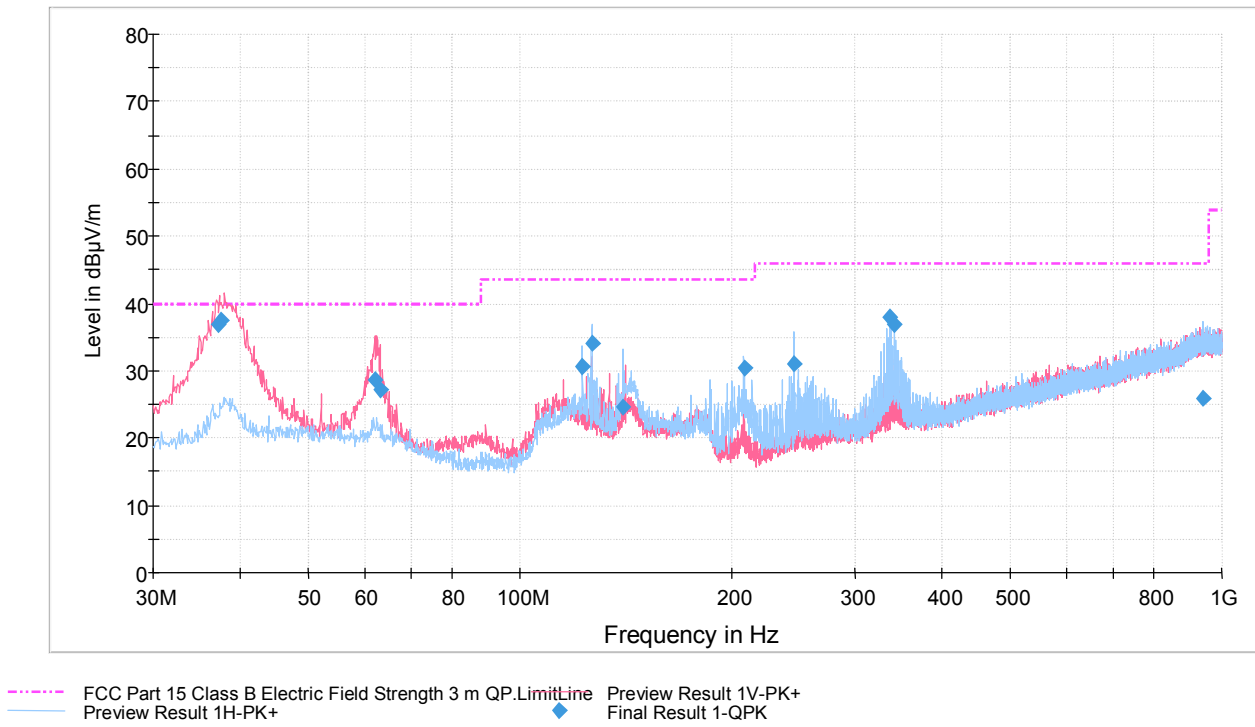


Figure 31. Measured curve with peak-detector (mid channel).

Table 14. Final measurements from the worst frequencies

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
37.235000	36.9	1000.0	120.000	100.0	V	42.0	14.8	3.1	40.0	
37.534000	37.6	1000.0	120.000	100.0	V	33.0	14.9	2.4	40.0	
62.218000	28.7	1000.0	120.000	116.0	V	203.0	14.1	11.3	40.0	
63.308000	27.2	1000.0	120.000	100.0	V	196.0	14.1	12.8	40.0	
122.889000	30.5	1000.0	120.000	191.0	H	91.0	13.2	13.0	43.5	
126.612000	34.0	1000.0	120.000	229.0	H	107.0	13.4	9.5	43.5	
140.038000	24.7	1000.0	120.000	204.0	H	266.0	15.0	18.8	43.5	
208.540000	30.3	1000.0	120.000	133.0	H	105.0	11.6	13.2	43.5	
245.785000	30.9	1000.0	120.000	110.0	H	136.0	13.4	15.1	46.0	
335.995000	38.0	1000.0	120.000	100.0	H	320.0	16.1	8.0	46.0	
340.497000	36.8	1000.0	120.000	100.0	H	328.0	16.1	9.2	46.0	
941.099000	25.9	1000.0	120.000	133.0	H	288.0	27.0	20.1	46.0	

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 30-1000MHz 3m

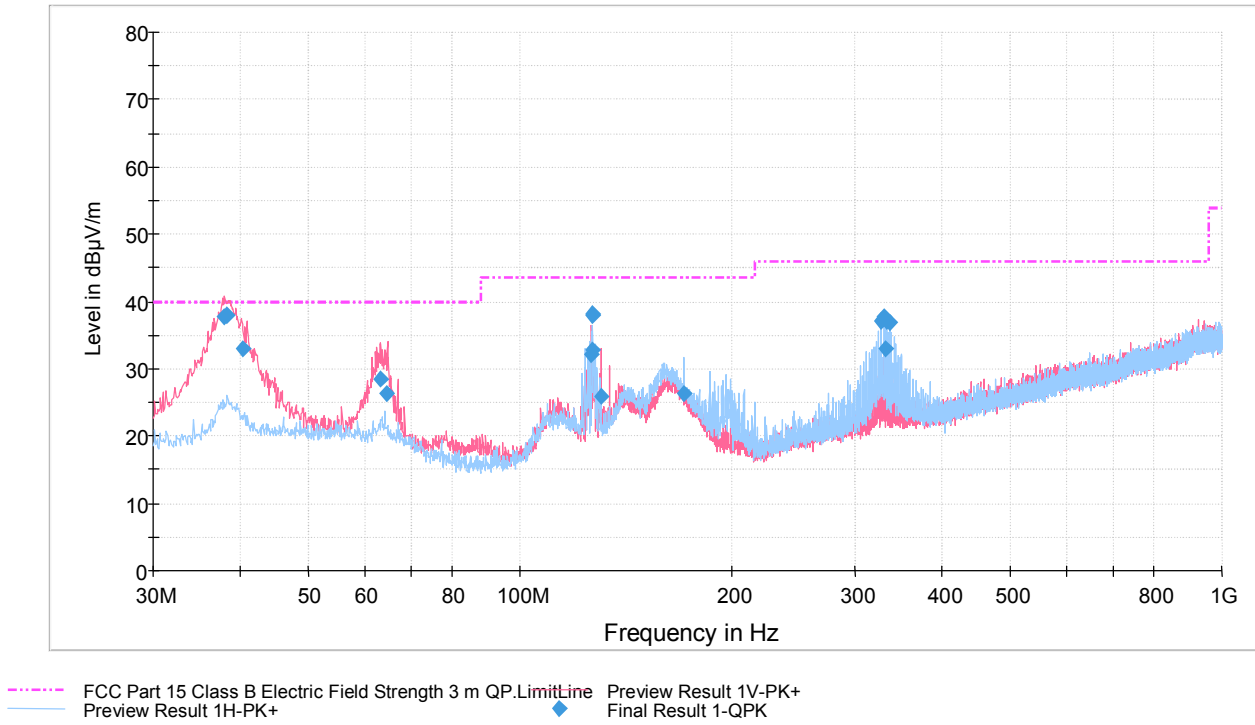


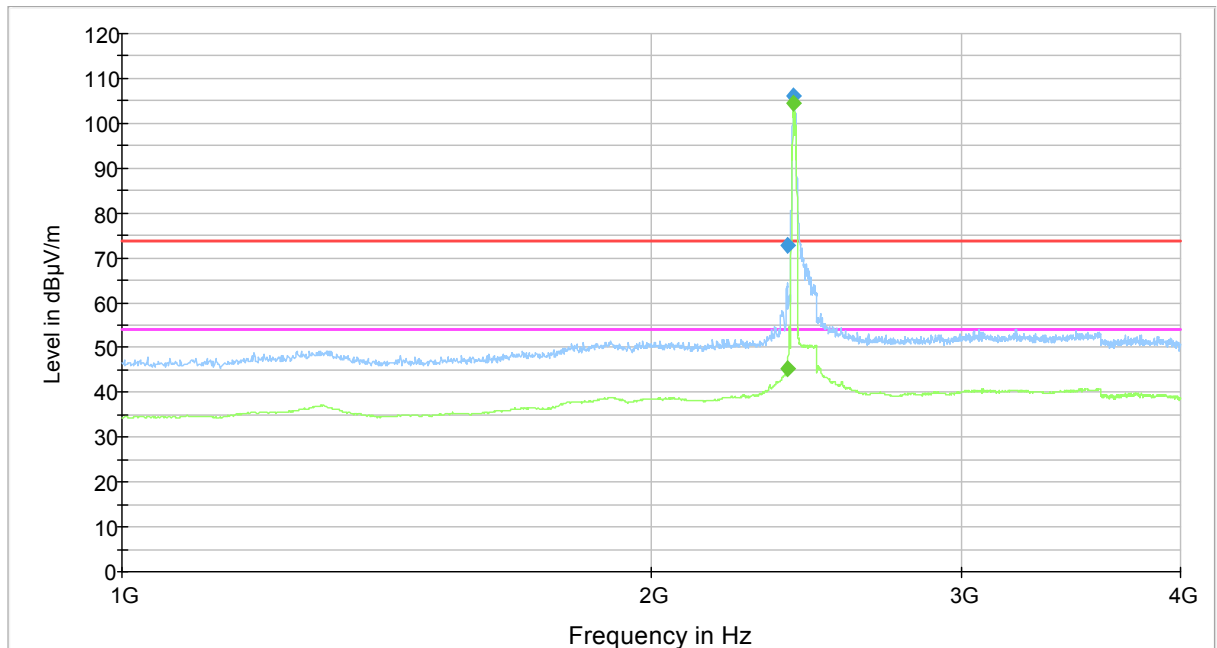
Figure 32. Measured curve with peak-detector (high channel).

Table 15. Final measurements from the worst frequencies

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
37.954000	37.7	1000.0	120.000	110.0	V	85.0	15.0	2.3	40.0	
38.183000	38.0	1000.0	120.000	100.0	V	99.0	15.0	2.0	40.0	
40.304000	33.1	1000.0	120.000	100.0	V	340.0	15.2	6.9	40.0	
63.285000	28.4	1000.0	120.000	100.0	V	263.0	14.1	11.6	40.0	
64.486000	26.3	1000.0	120.000	100.0	V	255.0	14.1	13.7	40.0	
126.139000	32.0	1000.0	120.000	209.0	H	98.0	13.4	11.5	43.5	
126.615000	32.7	1000.0	120.000	234.0	V	222.0	13.4	10.8	43.5	
126.617000	38.2	1000.0	120.000	232.0	H	268.0	13.4	5.3	43.5	
126.632000	38.0	1000.0	120.000	220.0	H	254.0	13.4	5.5	43.5	
130.358000	25.9	1000.0	120.000	100.0	V	207.0	13.8	17.6	43.5	
171.329000	26.4	1000.0	120.000	222.0	H	94.0	14.3	17.1	43.5	
326.994000	37.1	1000.0	120.000	100.0	H	316.0	15.9	8.9	46.0	
329.981000	37.6	1000.0	120.000	100.0	H	314.0	16.0	8.4	46.0	
331.493000	32.9	1000.0	120.000	100.0	H	317.0	16.0	13.1	46.0	
333.008000	37.1	1000.0	120.000	100.0	H	314.0	16.0	8.9	46.0	
335.995000	36.9	1000.0	120.000	100.0	H	315.0	16.1	9.1	46.0	

Spurious and Band Edge Radiated Emissions

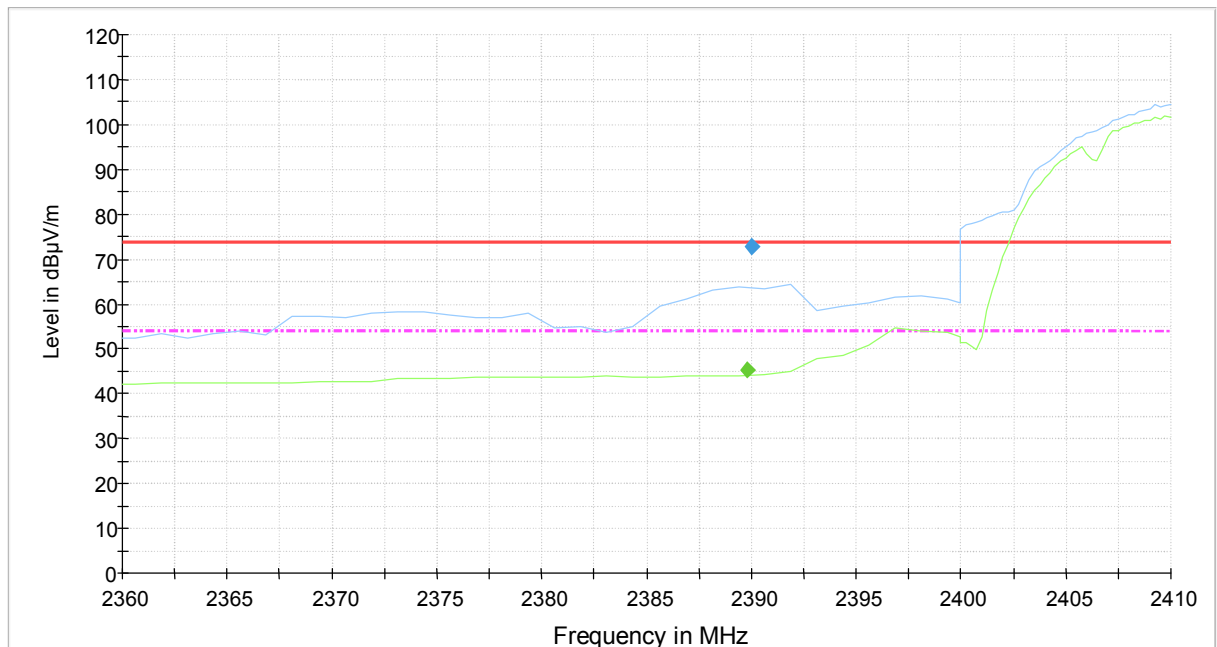
FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)



- FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
- FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
- Preview Result 1-PK+
- Preview Result 2-AVG
- ◆ Final Result 1-PK+
- ◆ Final Result 2-AVG

Figure 33. Measured curve with peak- and average detector (low channel).

FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)



- FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
- FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
- Preview Result 1-PK+
- Preview Result 2-AVG
- ◆ Final Result 1-PK+
- ◆ Final Result 2-AVG

Figure 34. Low channel band edge, 1 Mbps.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)

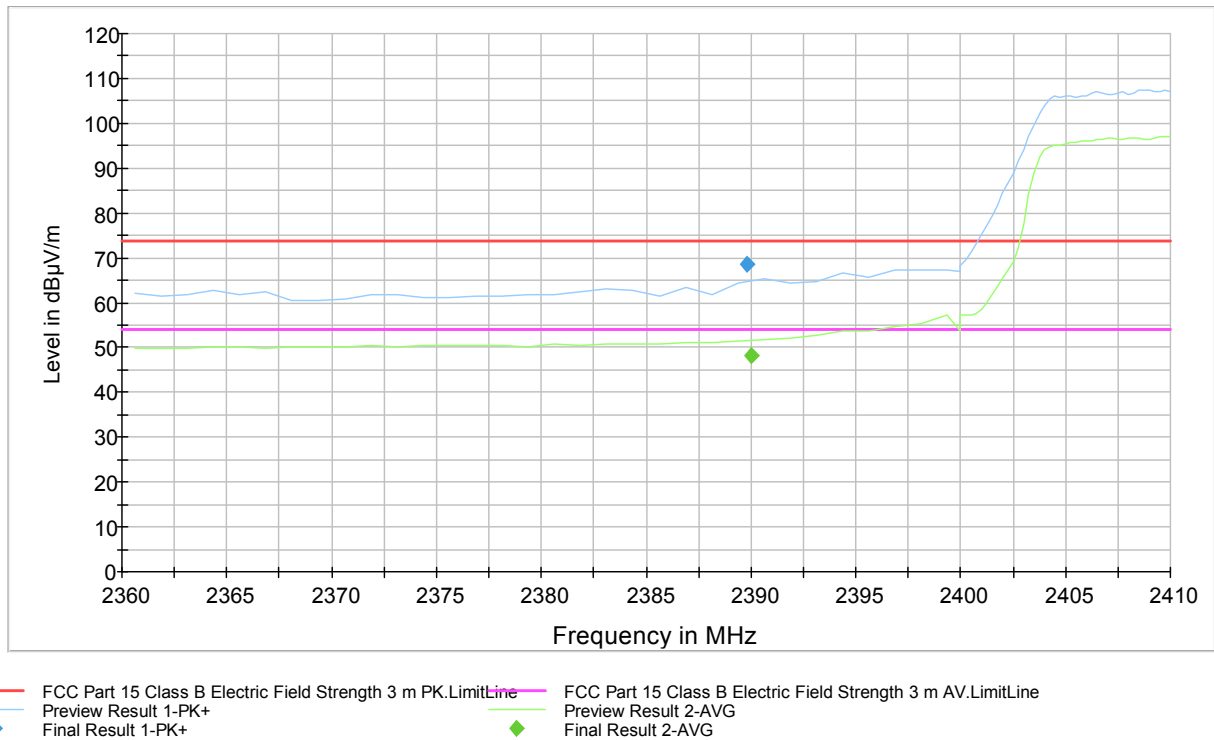


Figure 35. Low channel band edge, 54 Mbps.

Final measurements from the worst frequencies

Table 16. Final Max Peak results.

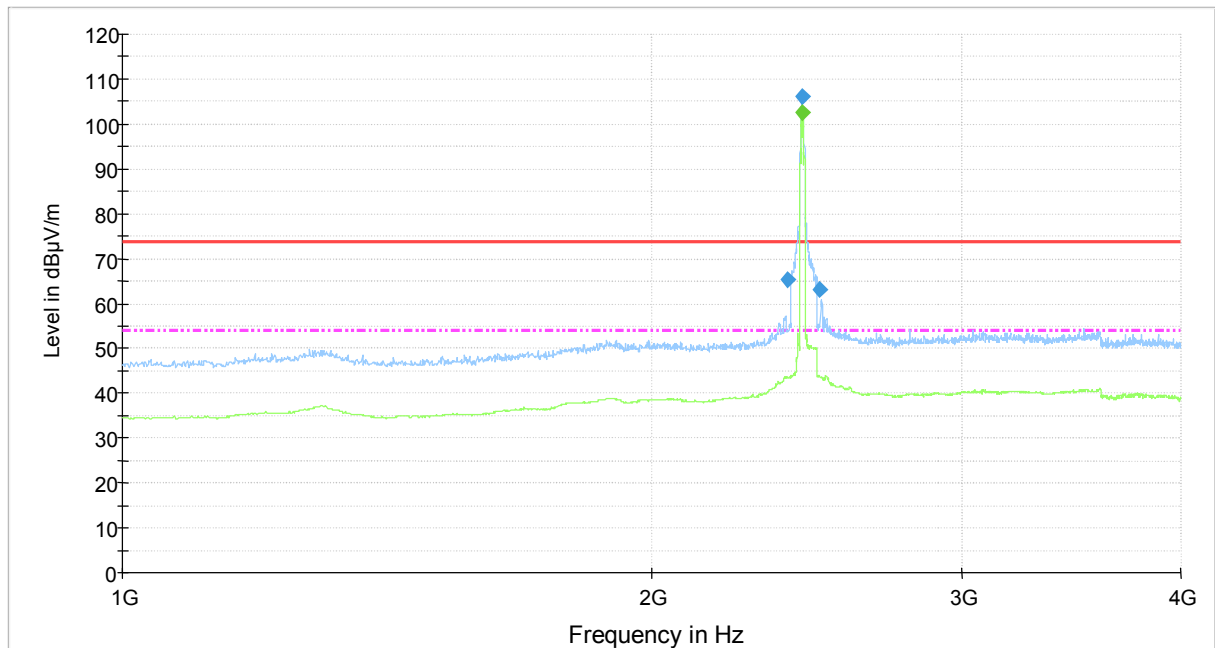
Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
2389.800000	68.6	1000.0	1000.000	147.0	V	146.0	14.3	5.3	73.9	54 Mbps
2390.000000	72.6	1000.0	1000.000	171.0	V	16.0	14.3	1.3	73.9	1 Mbps
2411.050000	106.1	1000.0	1000.000	167.0	V	4.0	14.4	-	-	Carrier

Table 17. Final Average results.

Frequency (MHz)	Average (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
2389.800000	45.3	1000.0	1000.000	171.0	V	11.0	14.3	8.6	53.9	1 Mbps
2390.000000	48.1	1000.0	1000.000	175.0	V	20.0	14.3	5.8	53.9	54 Mbps
2411.250000	104.3	1000.0	1000.000	170.0	V	5.0	14.3	-	-	Carrier

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
— Preview Result 1-PK+ — FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
◆ Final Result 1-PK+ ◆ Preview Result 2-AVG
◆ Final Result 2-AVG

Figure 36. Measured curve with peak- and average detector (mid channel).

Final measurements from the worst frequencies

Table 18. Final Max Peak results.

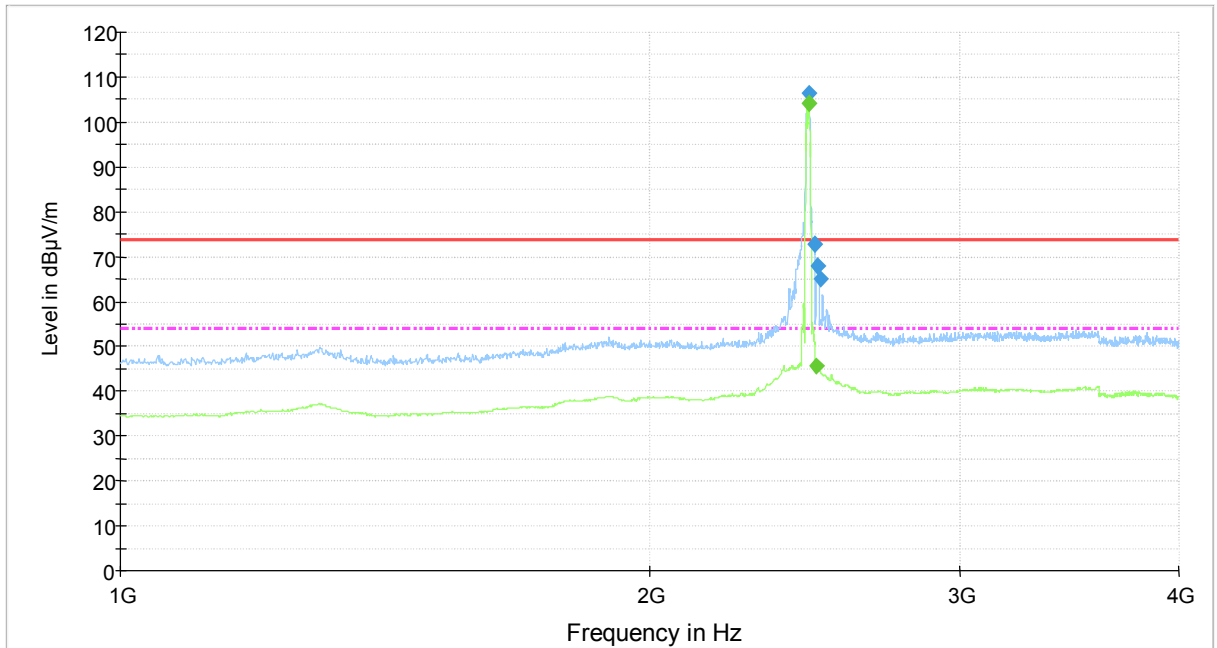
Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
2388.775000	65.2	1000.0	1000.000	179.0	V	0.0	14.3	8.7	73.9	
2436.200000	105.9	1000.0	1000.000	143.0	V	0.0	14.1	-	-	Carrier
2493.625000	62.9	1000.0	1000.000	105.0	V	355.0	14.5	11.0	73.9	

Table 19. Final Average results.

Frequency (MHz)	Average (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
2437.750000	102.5	1000.0	1000.000	138.0	V	357.0	14.1	-	-	Carrier

Spurious and Band Edge Radiated Emissions

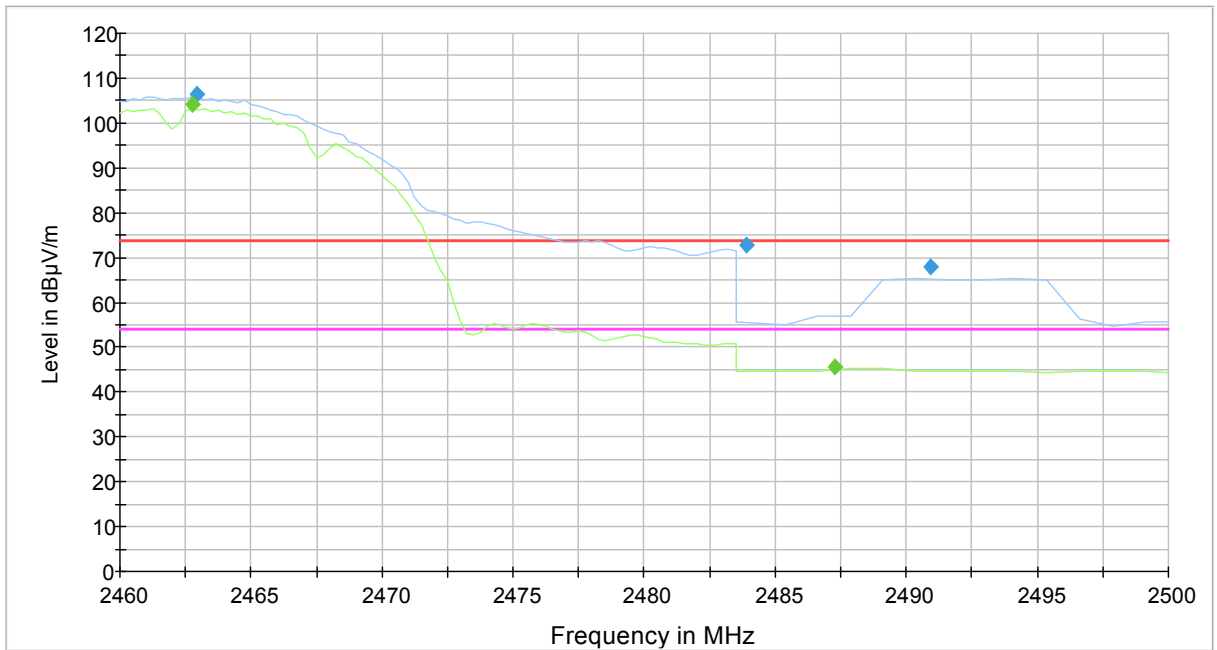
FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
— FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
◆ Preview Result 1-PK+ ◆ Preview Result 2-AVG
◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Figure 37. Measured curve with peak- and average detector (high channel).

FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)

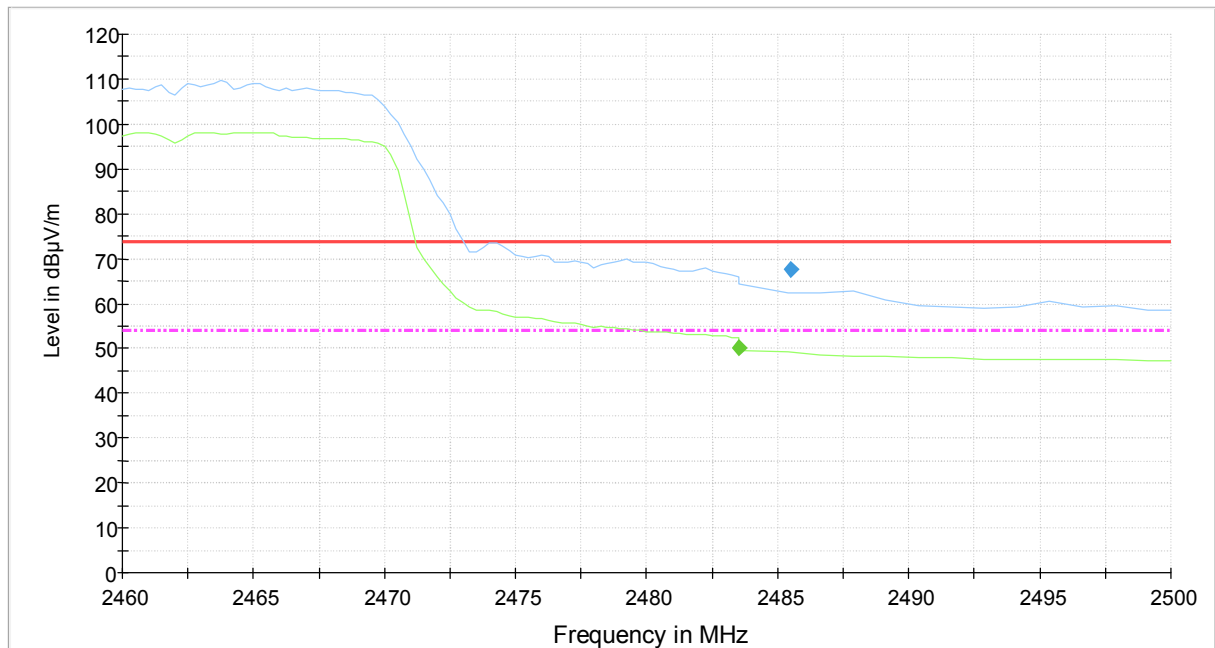


— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
— FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
◆ Preview Result 1-PK+ ◆ Preview Result 2-AVG
◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Figure 38. High channel band edge, 1 Mbps.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 1-4GHz 3m (optimized 2.4 GHz TX)



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
◆ Preview Result 1-PK+ ◆ Preview Result 2-AVG
◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Figure 39. High channel band edge, 54 Mbps.

Final measurements from the worst frequencies

Table 20. Final Max Peak results.

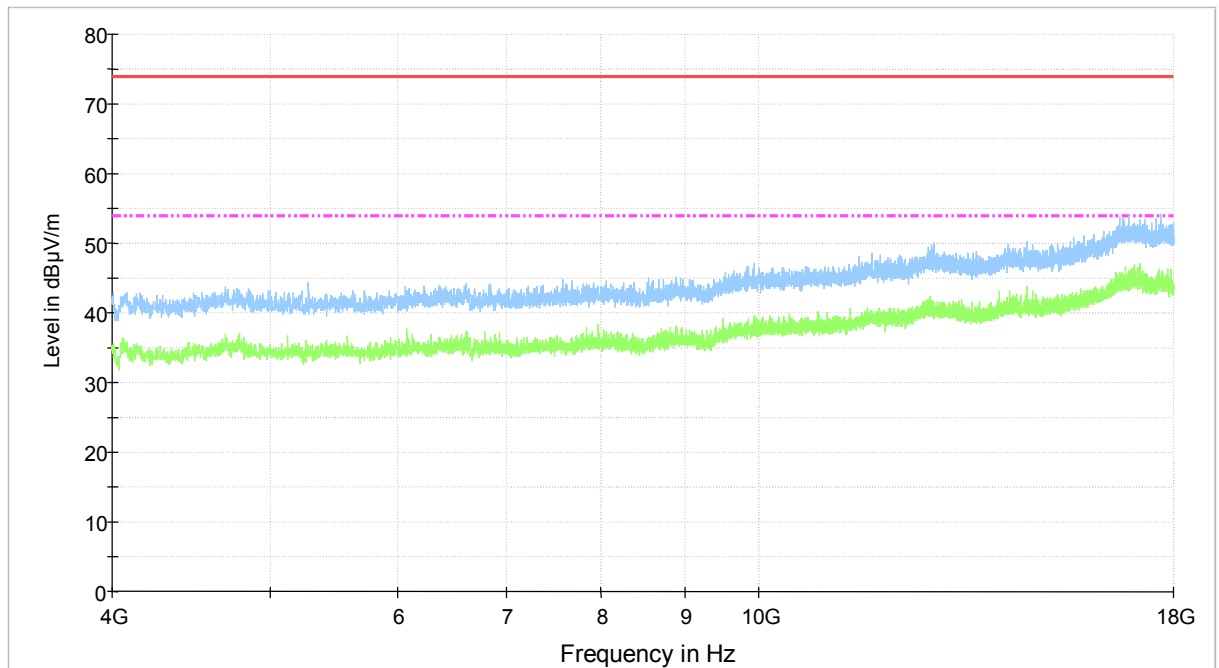
Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
2462.950000	106.4	1000.0	1000.000	114.0	V	146.0	14.2	-	-	Carrier
2483.900000	72.7	1000.0	1000.000	141.0	V	140.0	14.4	1.2	73.9	1 Mbps
2485.500000	67.5	1000.0	1000.000	178.0	V	142.0	14.4	6.4	73.9	54 Mbps
2490.925000	67.8	1000.0	1000.000	189.0	V	80.0	14.5	6.1	73.9	1 Mbps
2504.125000	65.0	1000.0	1000.000	163.0	V	60.0	14.6	8.9	73.9	1 Mbps

Table 21. Final Average results.

Frequency (MHz)	Average (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
2462.750000	104.1	1000.0	1000.000	146.0	V	140.0	14.2	-	-	Carrier
2483.500000	50.1	1000.0	1000.000	114.0	V	140.0	14.4	3.8	53.9	54 Mbps
2487.300000	45.6	1000.0	1000.000	114.0	V	140.0	14.5	8.3	53.9	1 Mbps

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 4-18GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+ — Preview Result 2-AVG

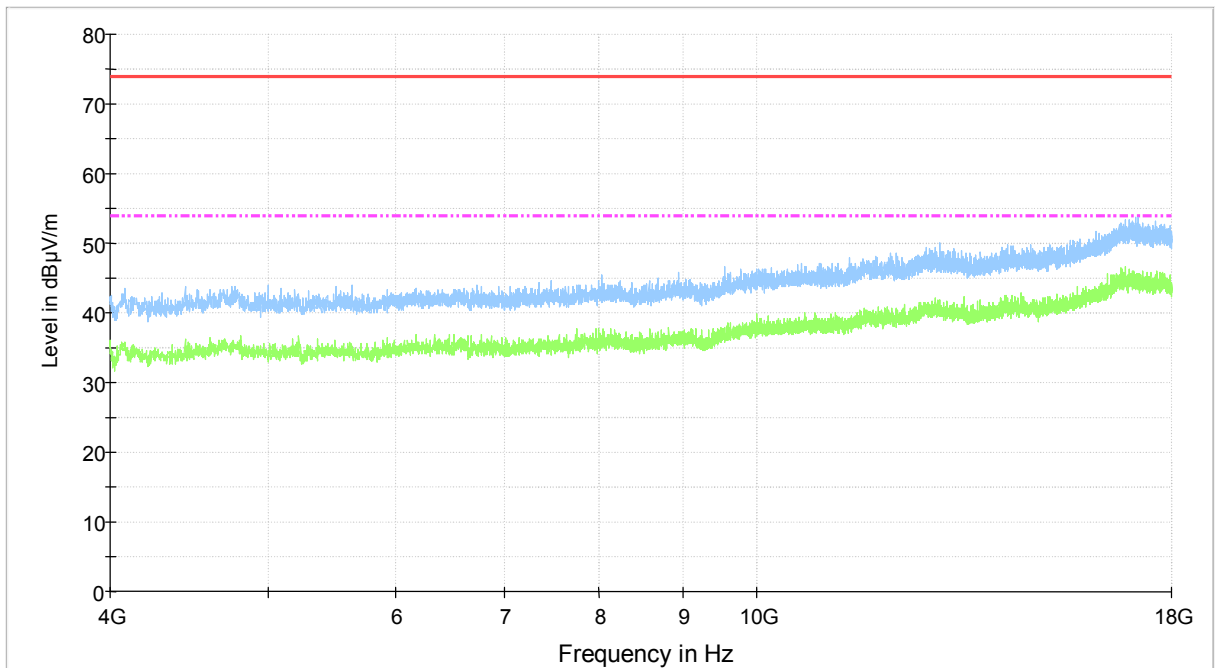
Figure 40. Measured curve with peak- and average detector (low channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 4-18GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

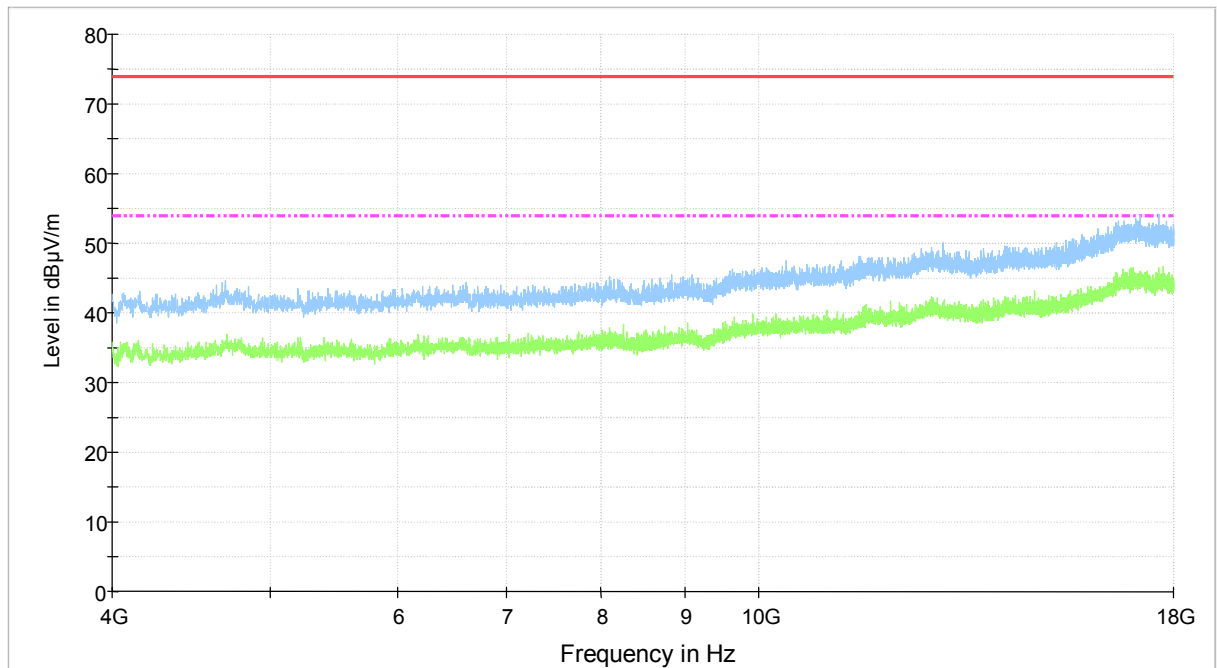
Figure 41. Measured curve with peak- and average detector (mid channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 4-18GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

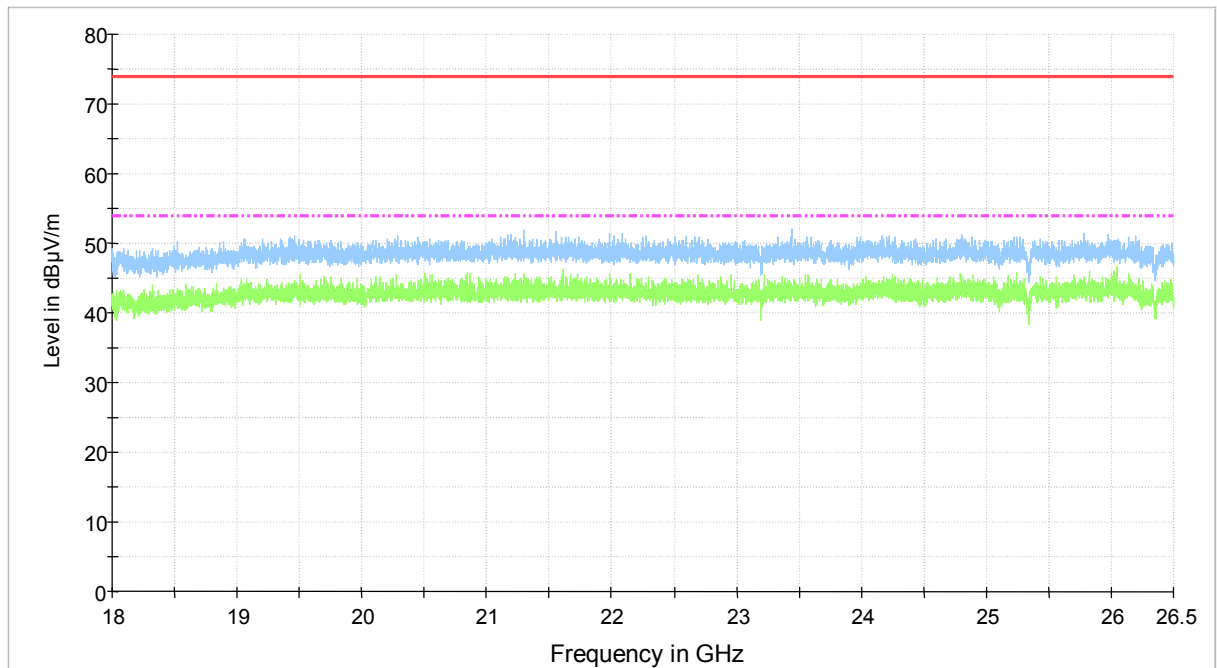
Figure 42. Measured curve with peak- and average detector (high channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



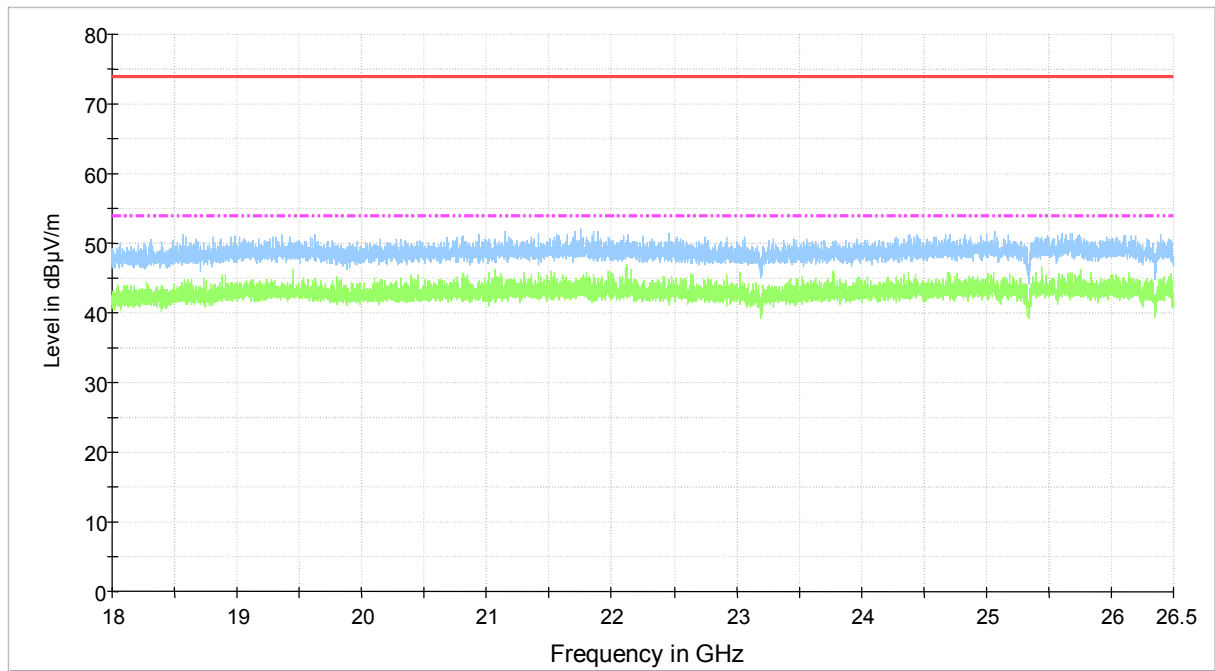
— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

Figure 43. Measured curve with peak- and average detector (low channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

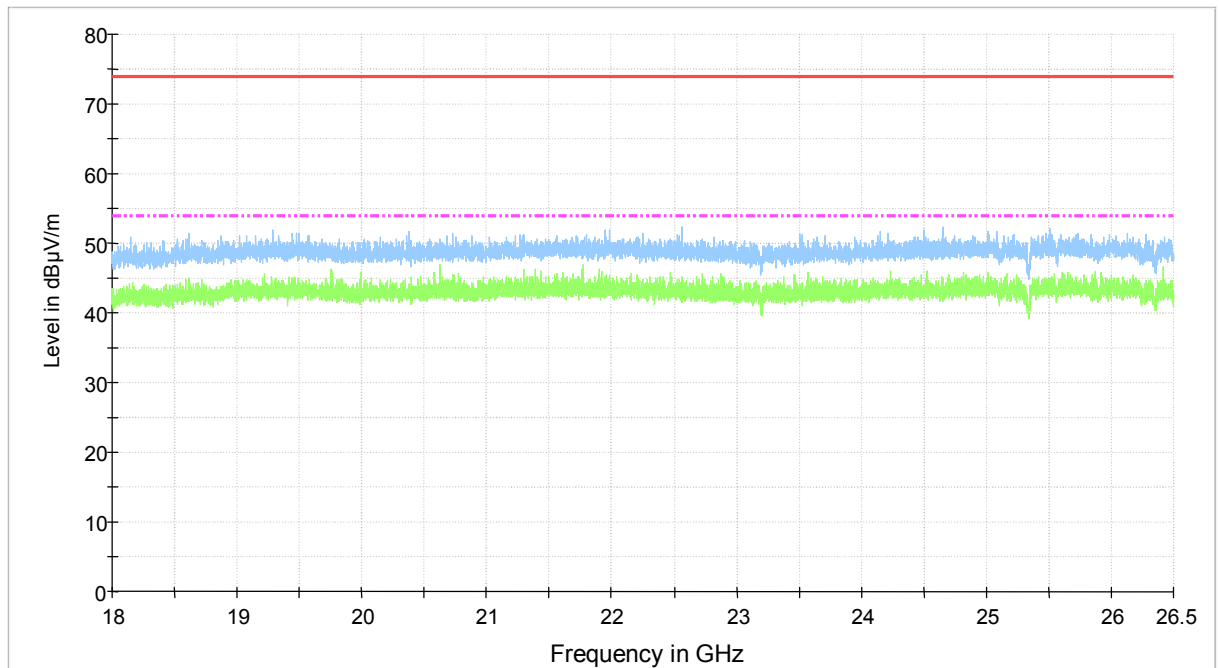
Figure 44. Measured curve with peak- and average detector (mid channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

Figure 45. Measured curve with peak- and average detector (high channel).

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Receiver Radiated Emissions 30 – 26 500 MHz

Standard: ANSI C63.10 (2009)
Tested by: RRE
Date: 31.1 – 8.2.2013
Temperature: 18 – 19 °C
Humidity: 21 – 30 % RH
Measurement uncertainty ± 4.51 dB Level of confidence 95 % (k = 2)

FCC Rule: 15.109

The EUT was in a receiving mode and measurement was performed on middle channel only. The correction factor in the final result table contains the sum of the transducers (antenna + amplifier + cables). The result value is the measured value corrected with the correction factor.

Test results with integrated antenna

FCC Part 15 Class B Spurious Emission 30-1000MHz 3m

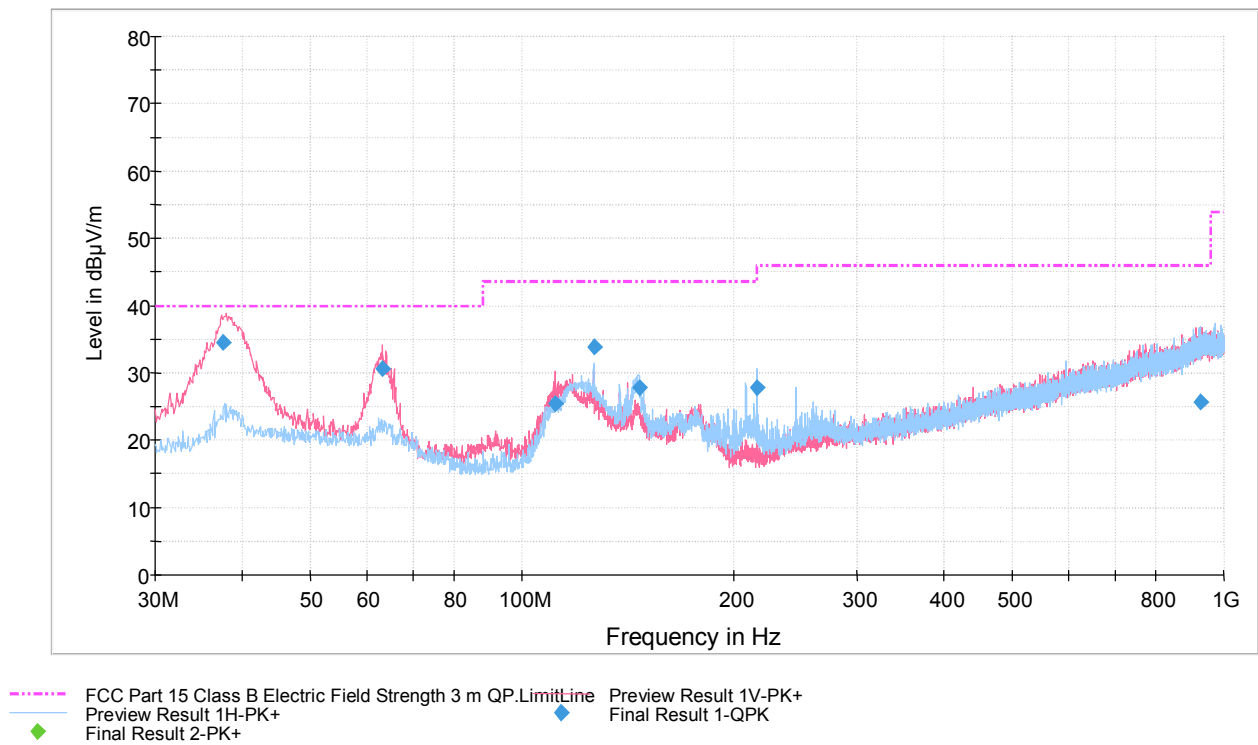


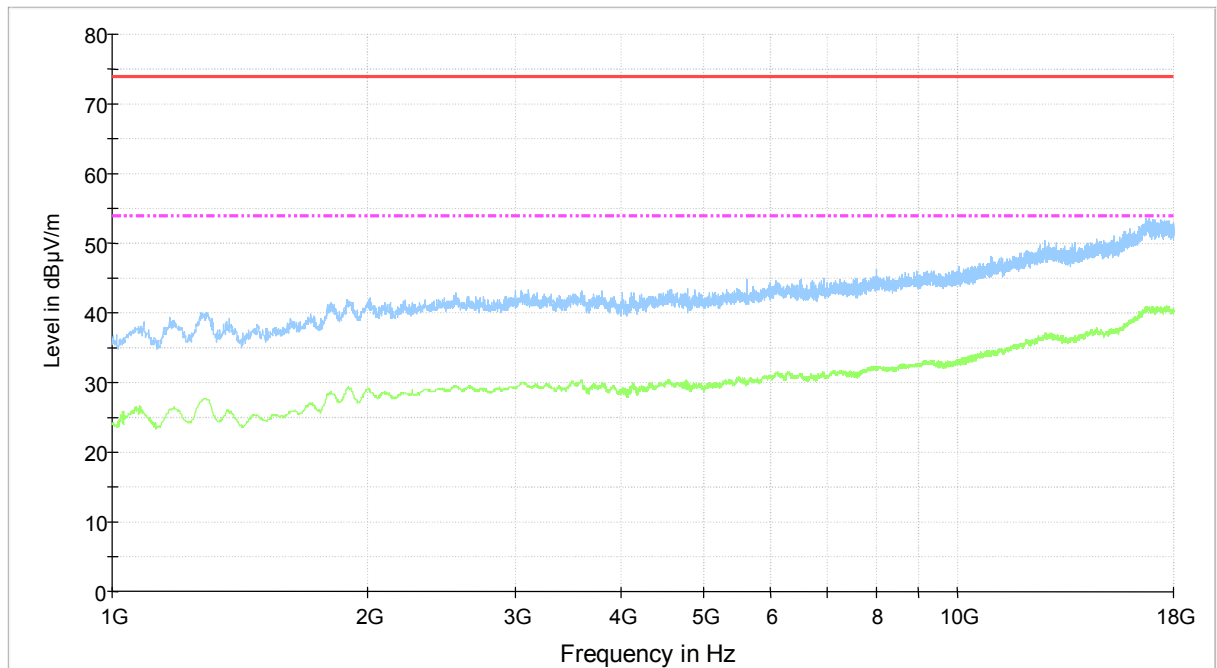
Figure 46. Measured curve with peak-detector.

Table 22. Final Quasi Peak results.

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
37.454000	34.4	1000.0	120.000	133.0	V	80.0	14.9	5.6	40.0	
63.291000	30.7	1000.0	120.000	100.0	V	191.0	14.1	9.3	40.0	
111.754000	25.5	1000.0	120.000	110.0	V	251.0	12.3	18.0	43.5	
126.612000	33.9	1000.0	120.000	217.0	H	259.0	13.4	9.6	43.5	
146.714000	27.7	1000.0	120.000	218.0	H	243.0	15.6	15.8	43.5	
216.009000	27.9	1000.0	120.000	144.0	H	105.0	11.8	18.1	46.0	
926.884000	25.8	1000.0	120.000	383.0	H	94.0	26.9	20.2	46.0	

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 1-18GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - - - FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

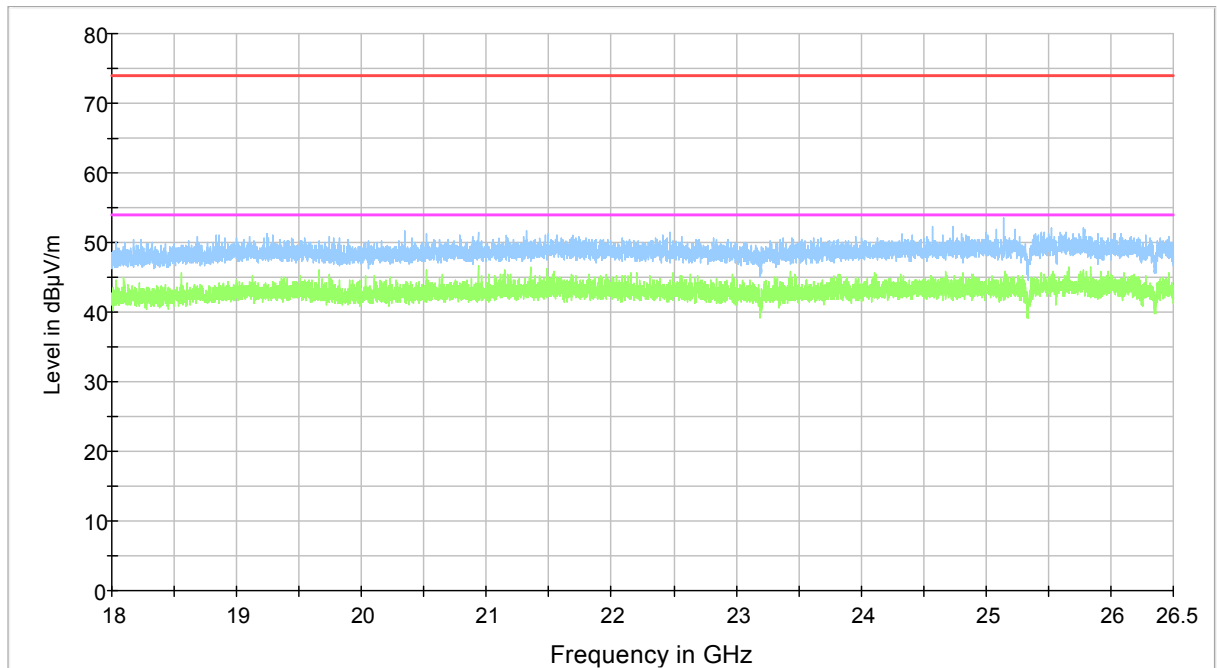
Figure 47. Measured curve with peak- and average detector.

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 — FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

Figure 48. Measured curve with peak-and average detector.

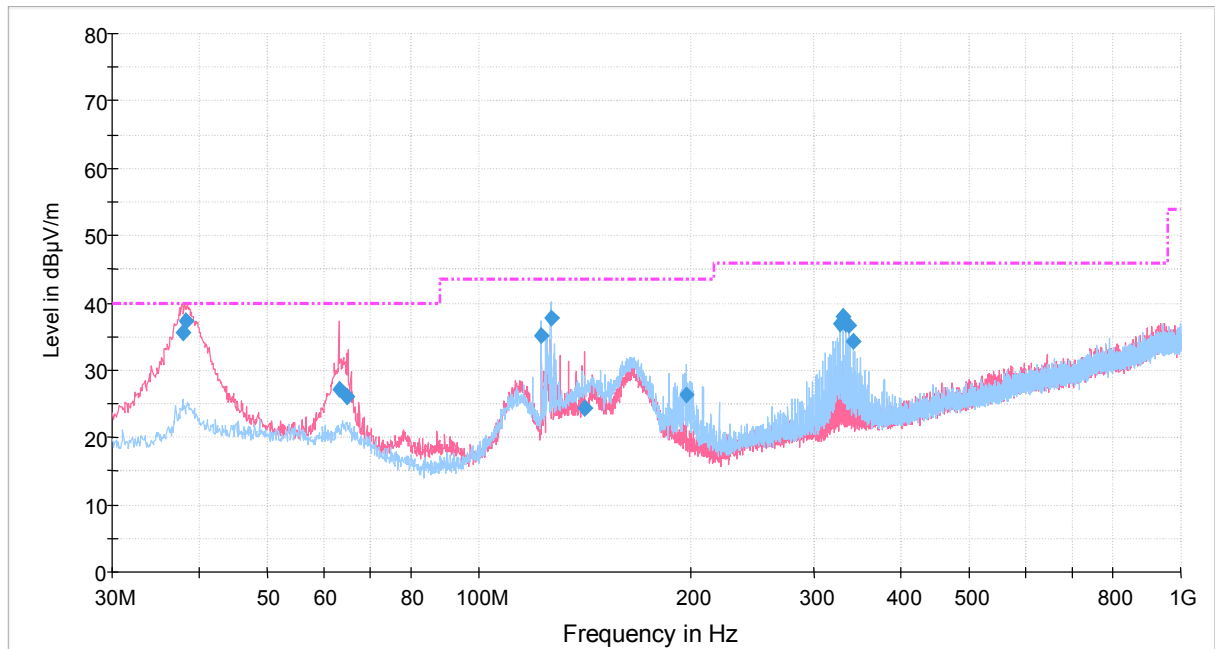
Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

Test results with external antenna

FCC Part 15 Class B Spurious Emission 30-1000MHz 3m



- - - FCC Part 15 Class B Electric Field Strength 3 m QP.LimitLine Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-QPK
◆ Final Result 2-PK+

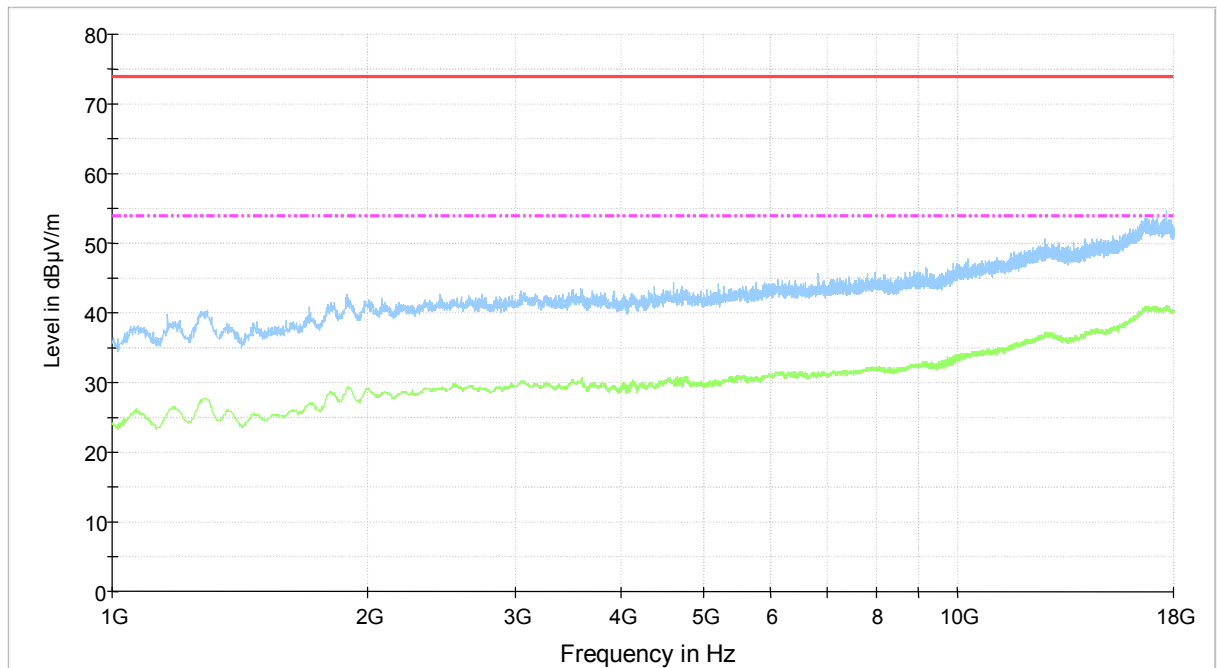
Figure 49. Measured curve with peak-detector.

Table 23. Final Quasi Peak results.

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
37.820000	35.6	1000.0	120.000	115.0	V	94.0	14.9	4.4	40.0	
38.162000	37.2	1000.0	120.000	100.0	V	63.0	15.0	2.8	40.0	
63.354000	27.1	1000.0	120.000	100.0	V	187.0	14.1	12.9	40.0	
64.794000	26.1	1000.0	120.000	100.0	V	212.0	14.2	13.9	40.0	
122.889000	35.2	1000.0	120.000	206.0	H	97.0	13.2	8.3	43.5	
126.632000	37.7	1000.0	120.000	235.0	H	111.0	13.4	5.8	43.5	
141.533000	24.5	1000.0	120.000	100.0	V	220.0	15.2	19.0	43.5	
197.368000	26.2	1000.0	120.000	143.0	H	263.0	11.8	17.3	43.5	
327.014000	36.8	1000.0	120.000	100.0	H	319.0	15.9	9.2	46.0	
330.001000	38.0	1000.0	120.000	100.0	H	316.0	16.0	8.0	46.0	
333.008000	36.9	1000.0	120.000	100.0	H	316.0	16.0	9.1	46.0	
335.995000	36.6	1000.0	120.000	100.0	H	310.0	16.1	9.4	46.0	
340.517000	34.2	1000.0	120.000	100.0	H	312.0	16.1	11.8	46.0	

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 1-18GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 - · - · FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG

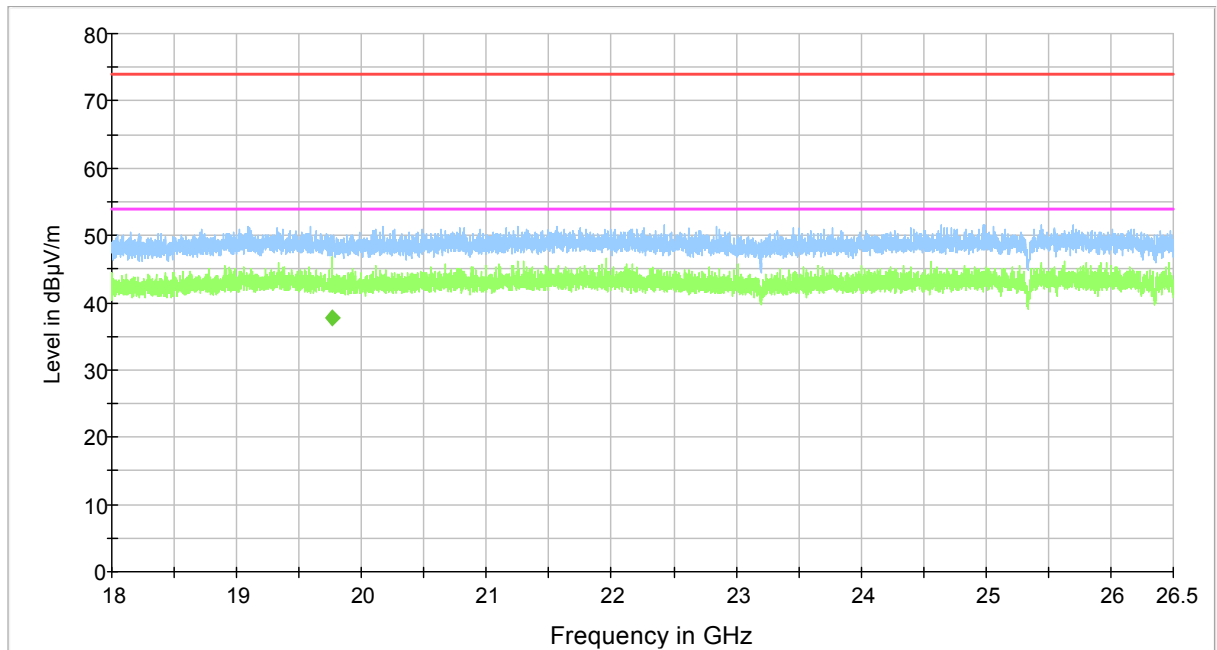
Figure 50. Measured curve with peak- and average detector.

Final measurements from the worst frequencies

Due to the low emission level no final measurements were made.

Spurious and Band Edge Radiated Emissions

FCC Part 15 Class B Spurious Emission 18-26.5GHz 3m



— FCC Part 15 Class B Electric Field Strength 3 m PK.LimitLine
 — FCC Part 15 Class B Electric Field Strength 3 m AV.LimitLine
— Preview Result 1-PK+
 — Preview Result 2-AVG
◆ Final Result 2-AVG

Figure 51. Measured curve with peak-and average detector.

Final measurements from the worst frequencies

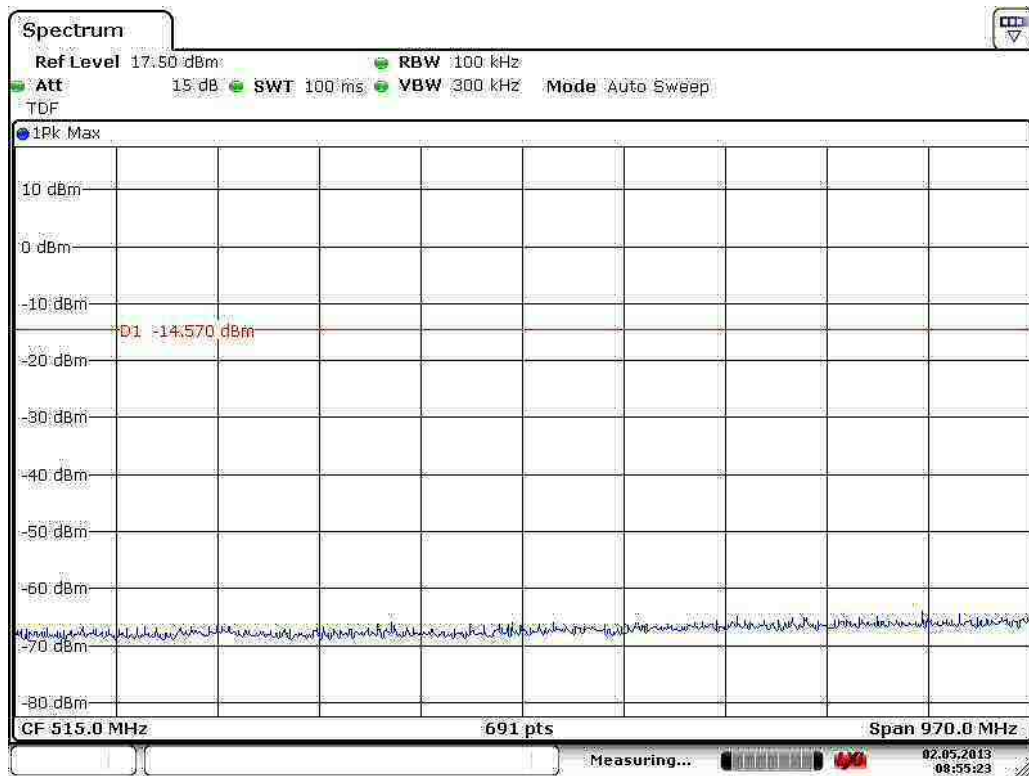
Table 24. Final Average results.

Frequency (MHz)	Average (dBµV/m)	Meas. Time 15x(ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Comment
19770.700000	37.8	1000.0	1000.000	313.0	V	357.0	24.0	16.1	53.9	

Conducted Spurious Emissions 30 – 26 500 MHz and Band Edge

Standard: ANSI C63.10 (2009)
Tested by: RRE
Date: 2.5.2013
Temperature: 22 °C
Humidity: 22 % RH

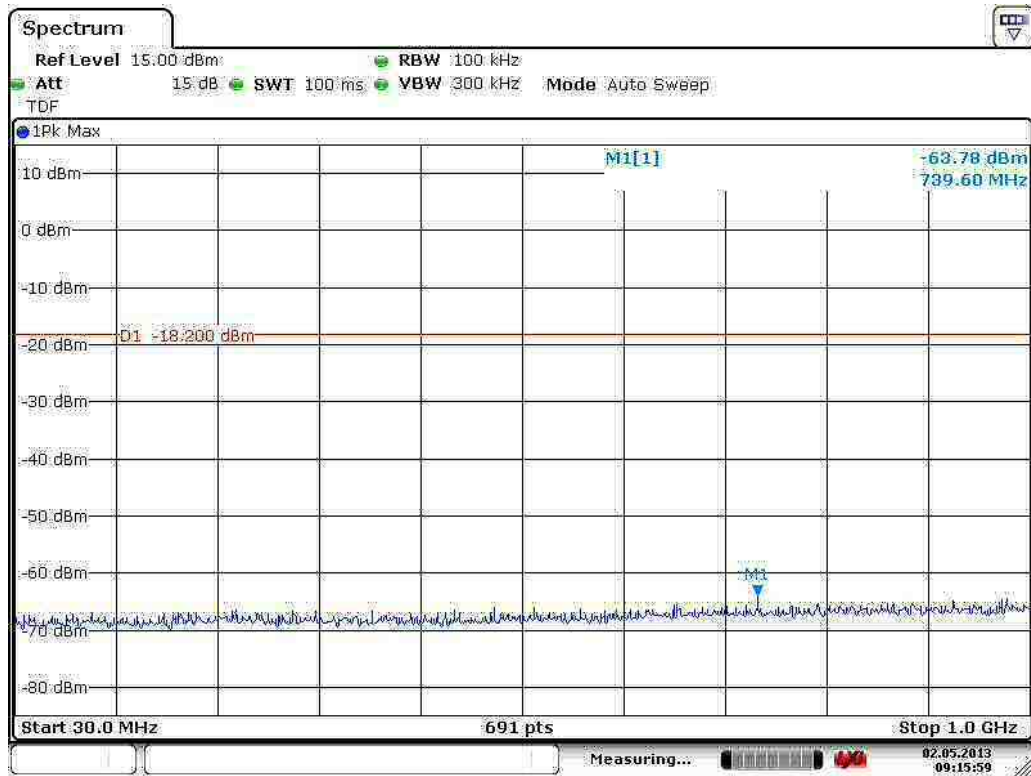
FCC Rule: 15.247 (d)



Date: 2.MAY.2013 08:55:23

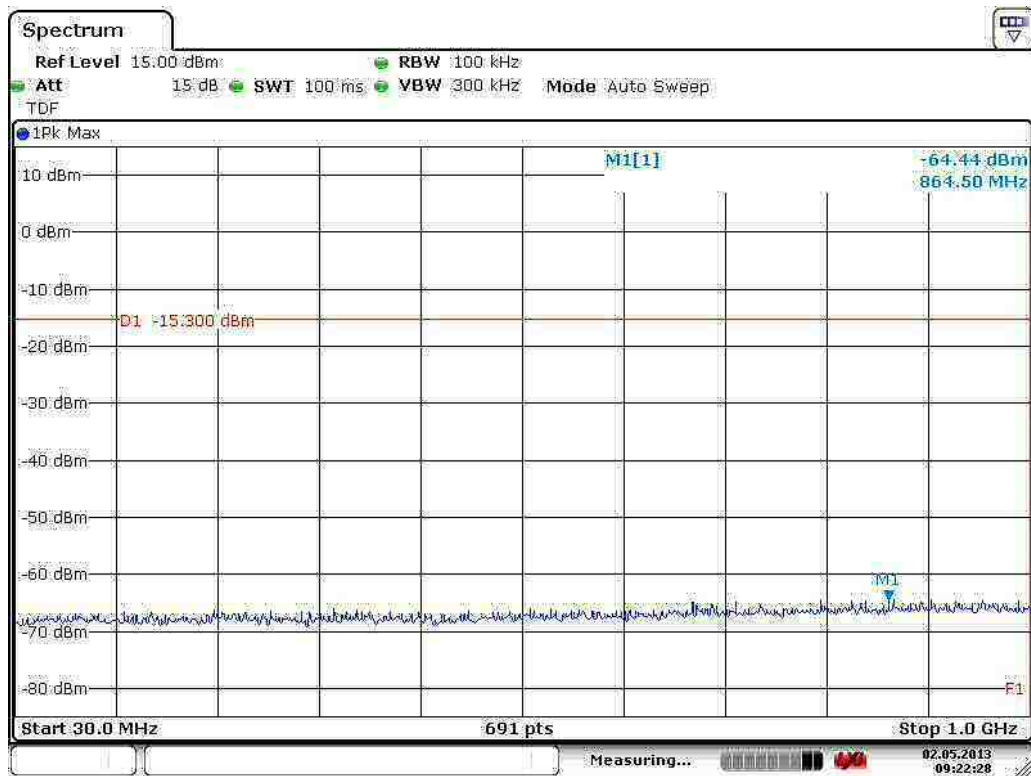
Figure 52. Low channel conductive emission 30 MHz to 1000 MHz.

Conducted Spurious emissions 30 to 26 500 MHz and Band Edge



Date: 2.MAY.2013 09:15:59

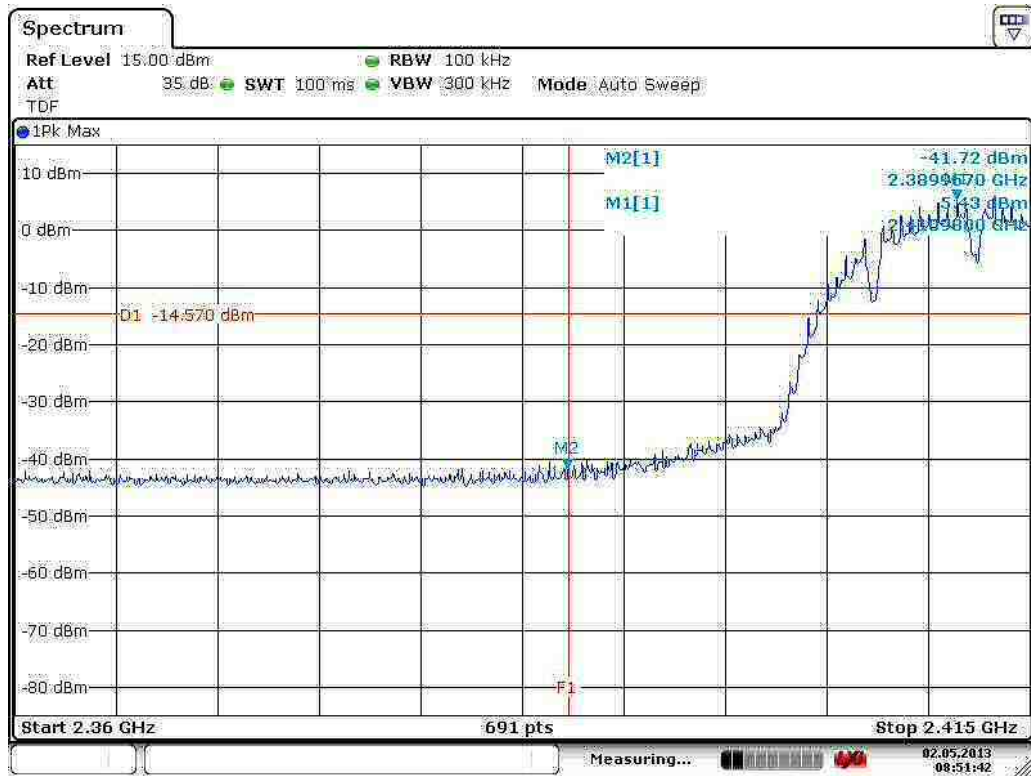
Figure 53. Mid channel conductive emission 30 MHz to 1000 MHz.



Date: 2.MAY.2013 09:22:28

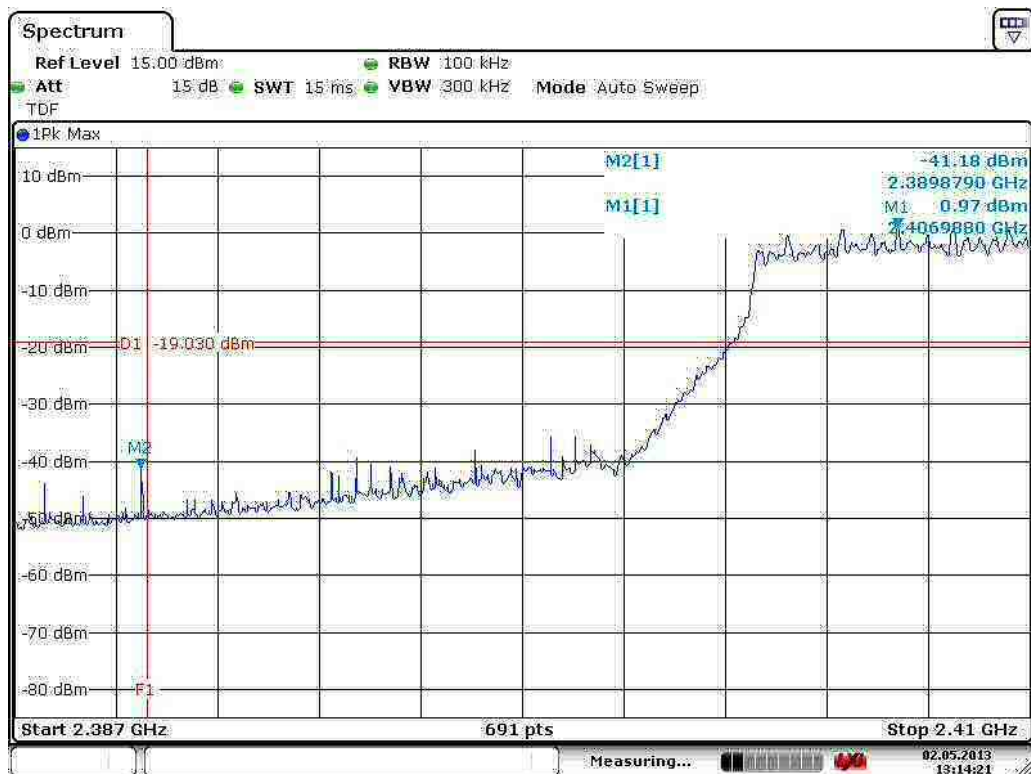
Figure 54. High channel conductive emission 30 MHz to 1000 MHz.

Conducted Spurious emissions 30 to 26 500 MHz and Band Edge



Date: 2.MAY.2013 08:51:42

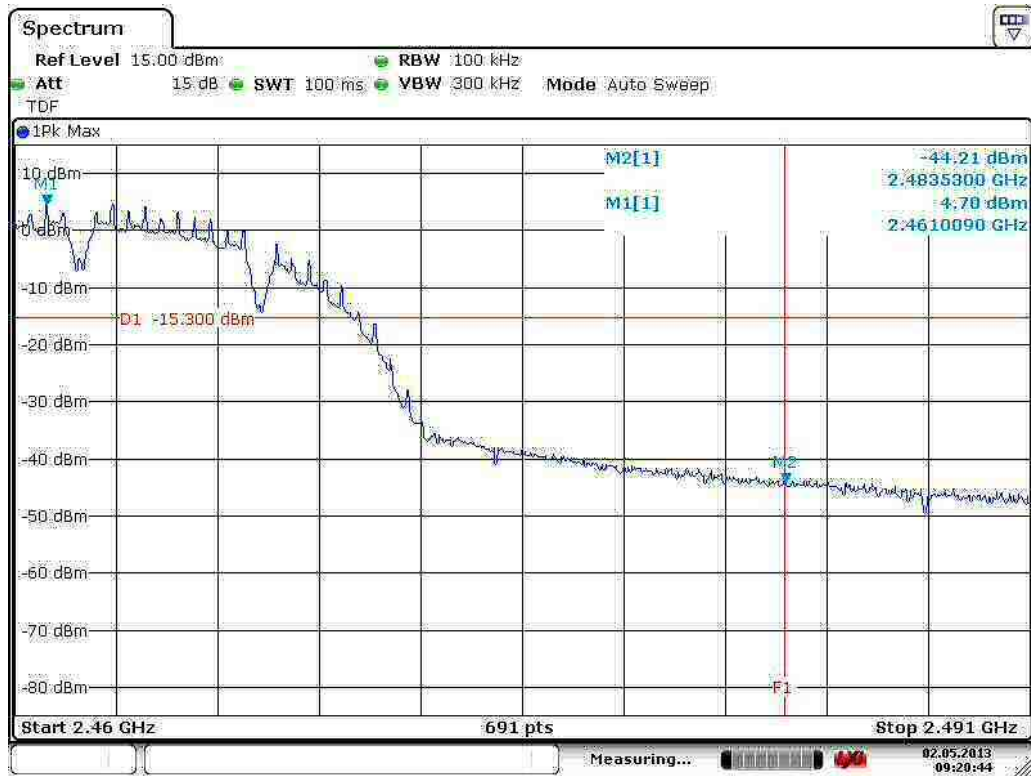
Figure 55. Low channel conductive emission at low band edge (1 Mbps).



Date: 2.MAY.2013 13:14:21

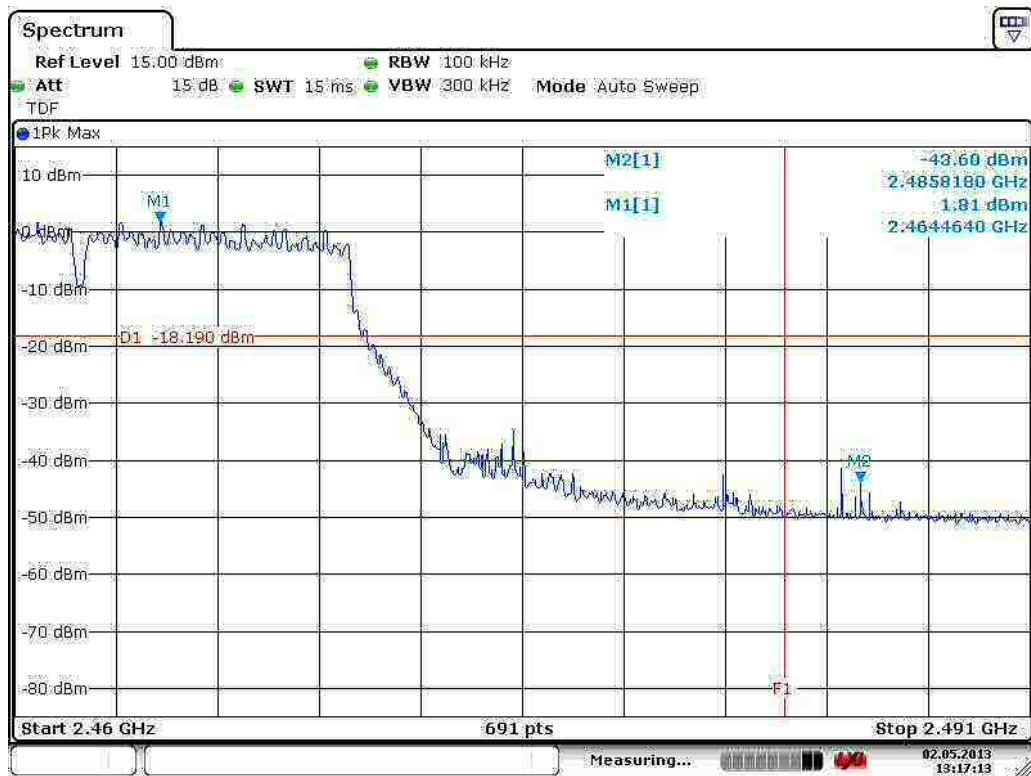
Figure 56. Low channel conductive emission at low band edge (54 Mbps).

Conducted Spurious emissions 30 to 26 500 MHz and Band Edge



Date: 2.MAY.2013 09:20:44

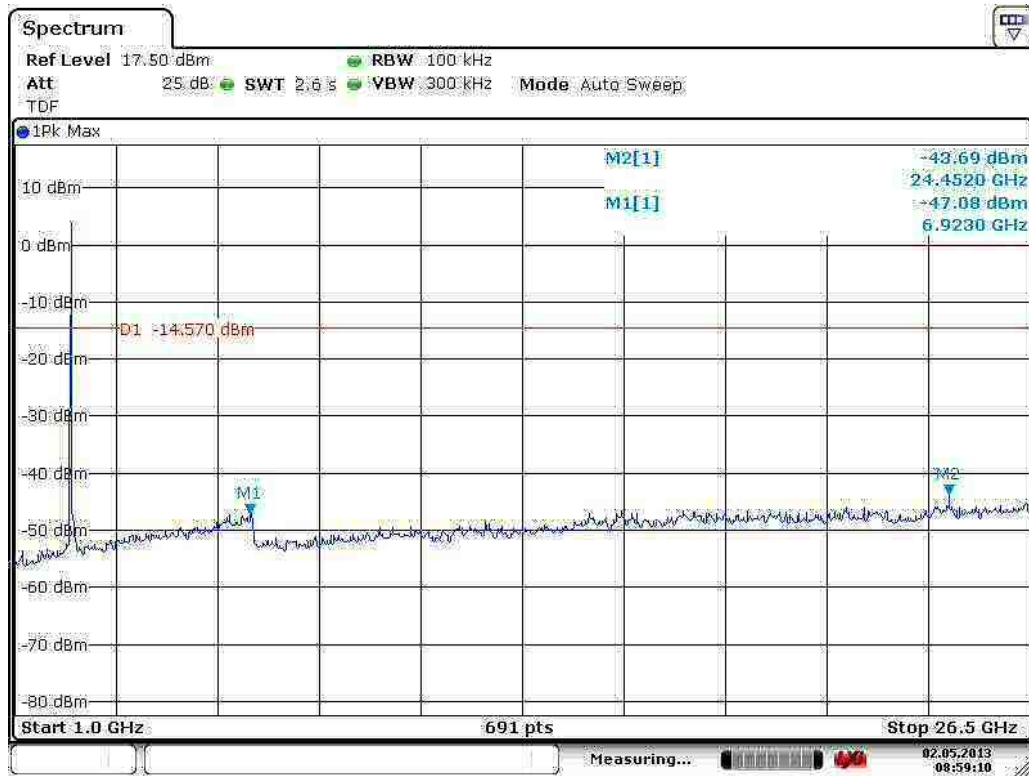
Figure 57. High channel conductive emission at high band edge (1 Mbps).



Date: 2.MAY.2013 13:17:13

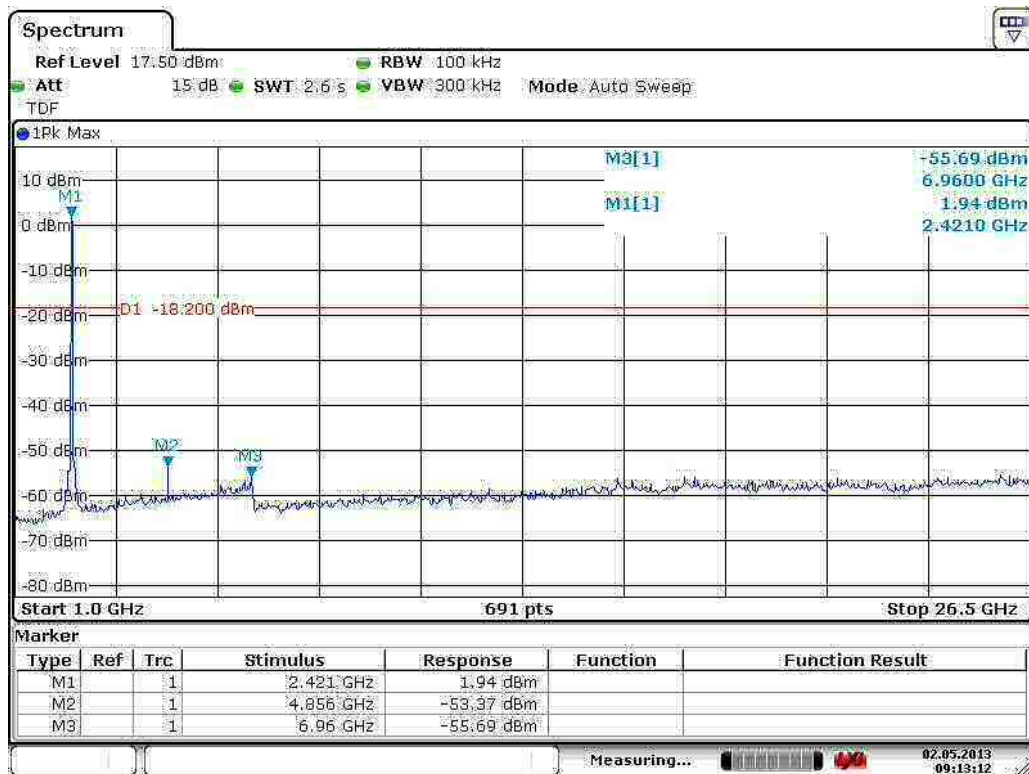
Figure 58. High channel conductive emission at high band edge (54 Mbps).

Conducted Spurious emissions 30 to 26 500 MHz and Band Edge



Date: 2.MAY.2013 08:59:10

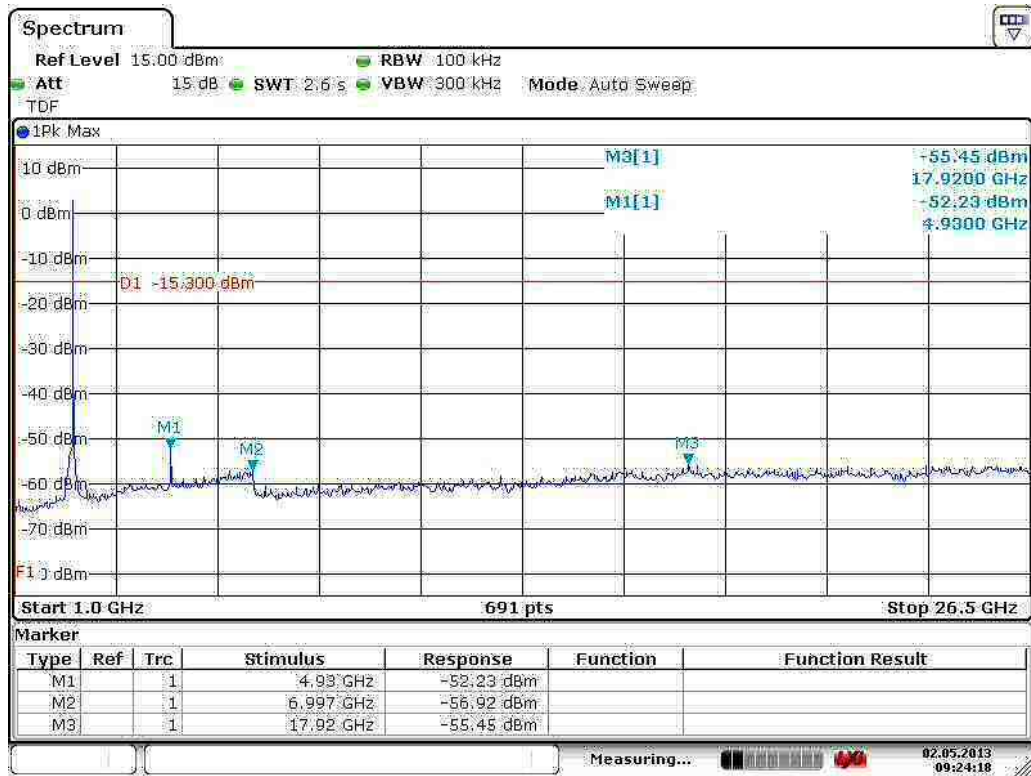
Figure 59. Low channel conductive emission 1 GHz to 26.5 GHz.



Date: 2.MAY.2013 09:13:12

Figure 60. Mid channel conductive emission 1 GHz to 26.5 GHz.

Conducted Spurious emissions 30 to 26 500 MHz and Band Edge



Date: 2.MAY.2013 09:24:18

Figure 61. High channel conductive emission 1 GHz to 26.5 GHz.

LIST OF TEST EQUIPMENT

Manufacturer	Type	Serial no	Inv. no
ROHDE & SCHWARZ			
Signal Analyzer	FSV40	101068	9093
EMI Test receiver	ESU 26	100185	8453
Test software	EMC32	-	-
DAVIS			
Weather station	Vantage Pro	-	5297
EMCO			
Antenna (1 - 18 GHz)	3117	29617	7293
ETS-LINDGREN			
Antenna (18 GHz – 26 GHz)	3160-09	28535	7294
SCHWARZBECK			
Antenna (30 MHz - 1 GHz)	VULB 9168	9168-503	8911
HEWLETT- PACKARD			
Microwave amplifier	83017A	-	5226
HUBER-SUHNER			
Attenuator 10dB	6810.17B	-	-
DEISEL			
Antenna mast	MA 240	240/455	7896
Turntable	DS 430	-	-
WAINWRIGHT			
High Pass Filter	WHKX	10	8267

All used measurement equipment was calibrated (if required).