

12.8 Band edge compliance radiated

Description:

Measurement of the radiated band edge compliance. The EUT is turned in the position that results in the maximum level at the band edge. Then a sweep over the corresponding restricted band is performed. The EUT is set to the lowest channel for the lower restricted band and to the highest channel for the upper restricted band. Measurement distance is 3m.

Measurement:

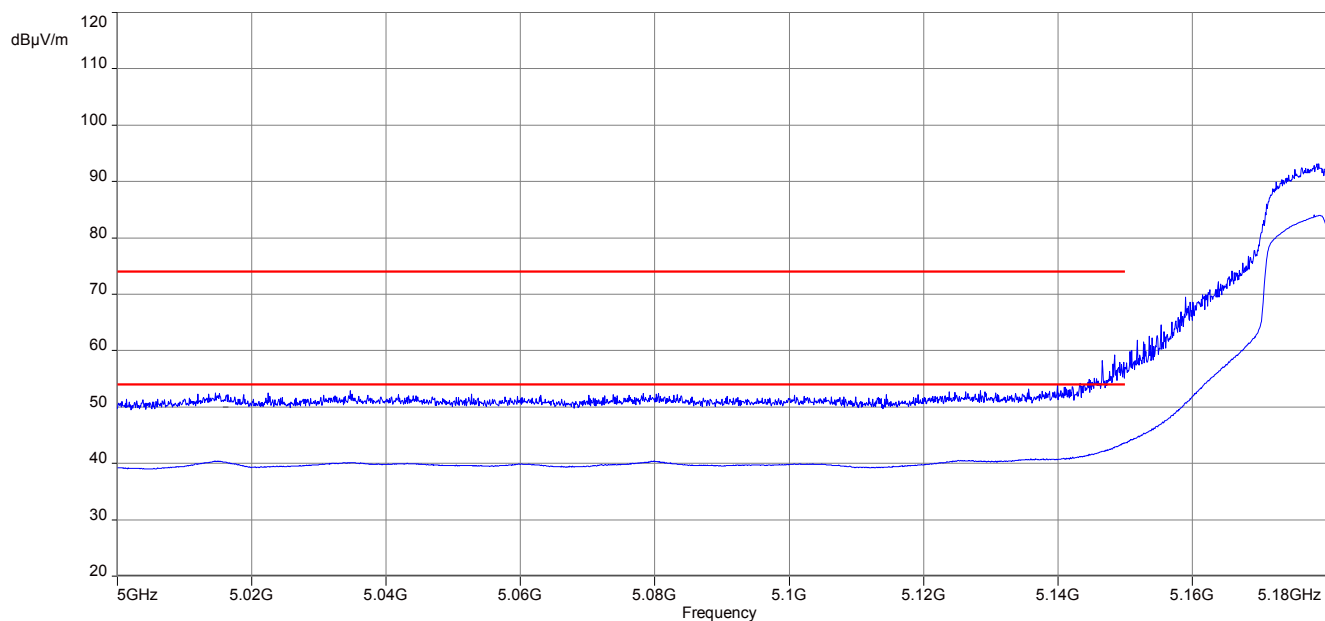
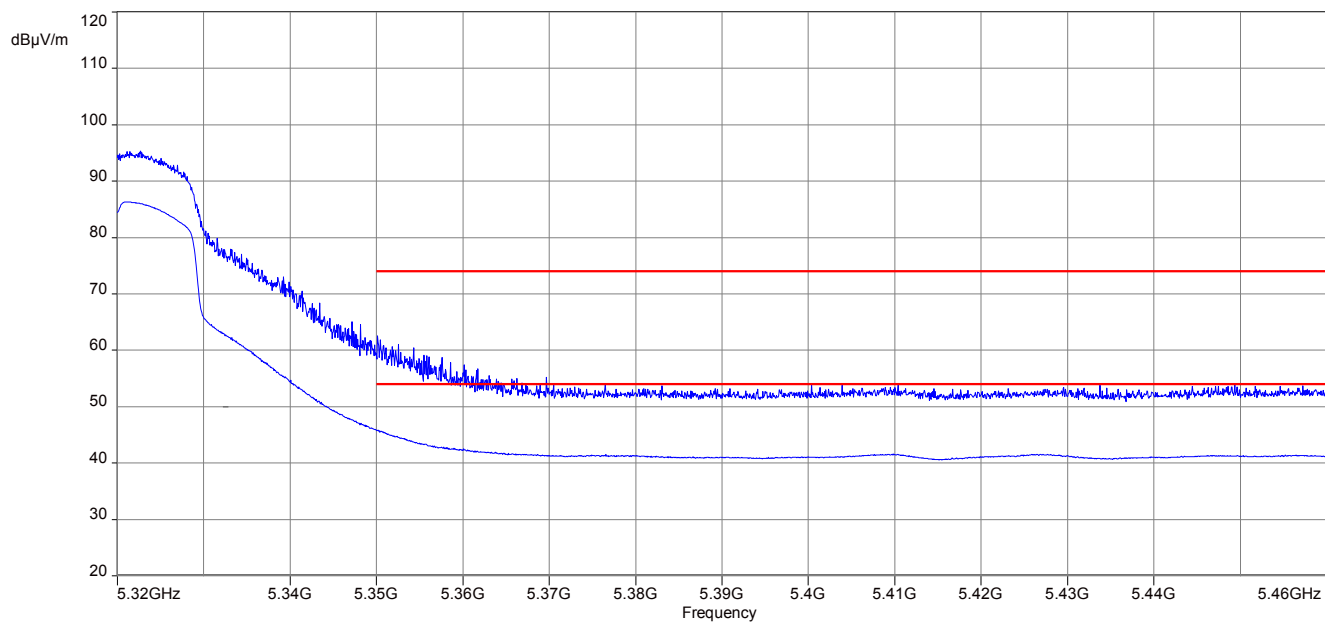
Measurement parameter	
Detector:	Peak / RMS
Sweep time:	Auto
Resolution bandwidth:	1 MHz
Video bandwidth:	$\geq 3 \times \text{RBW}$
Span:	See plots!
Trace – mode:	Max Hold
Test setup:	See sub clause 7.2 – A
Measurement uncertainty:	See sub clause 9

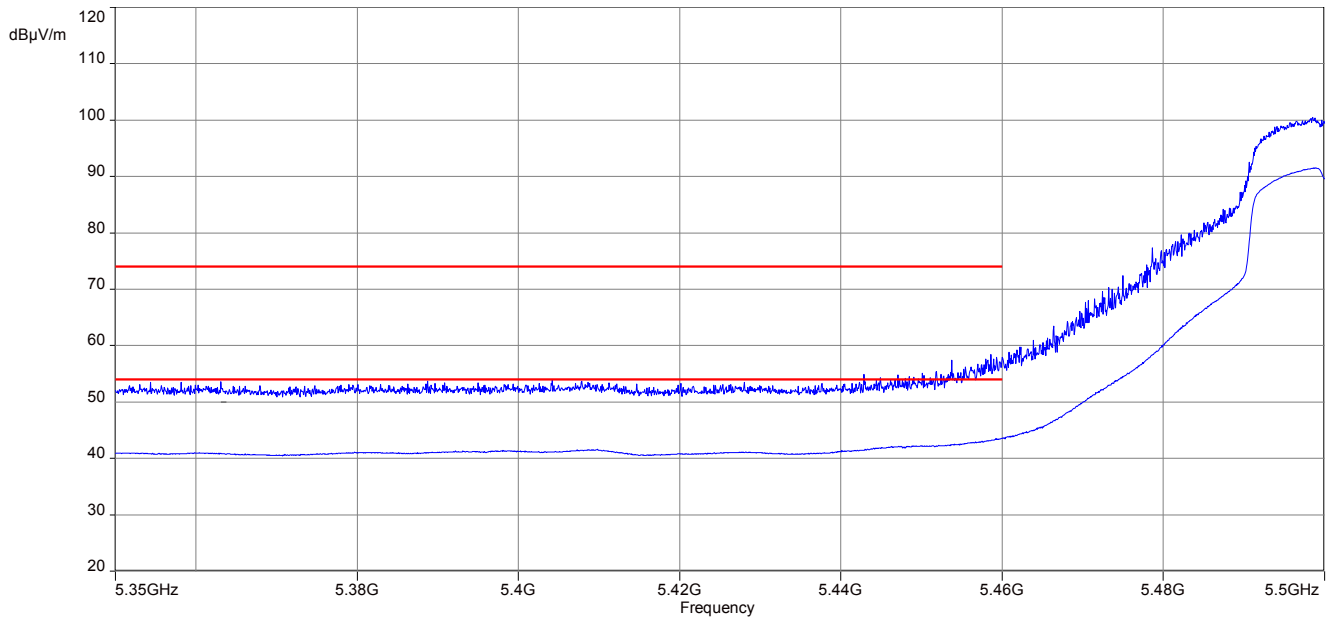
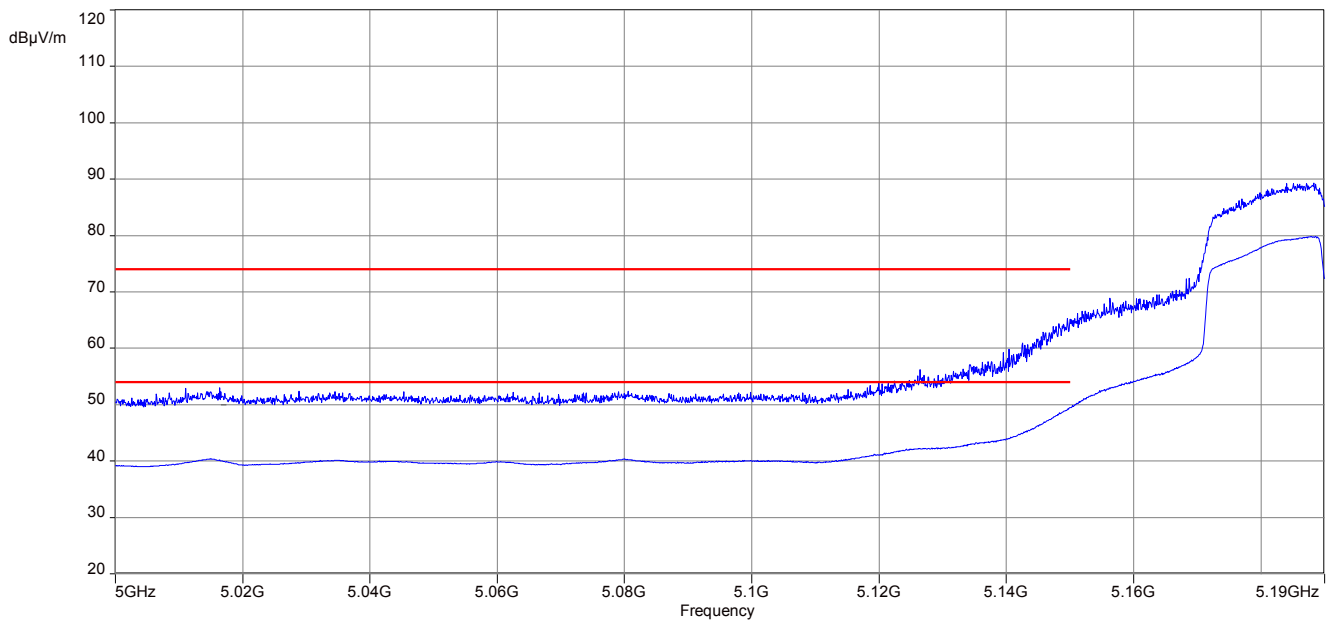
Limits:

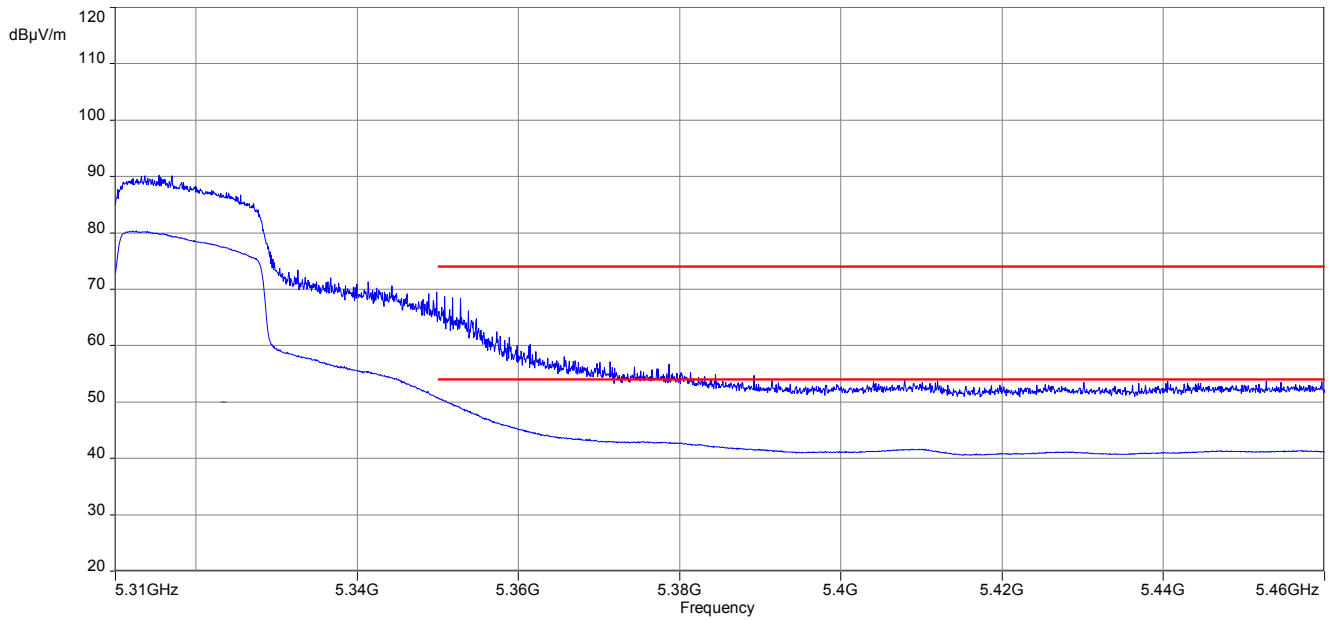
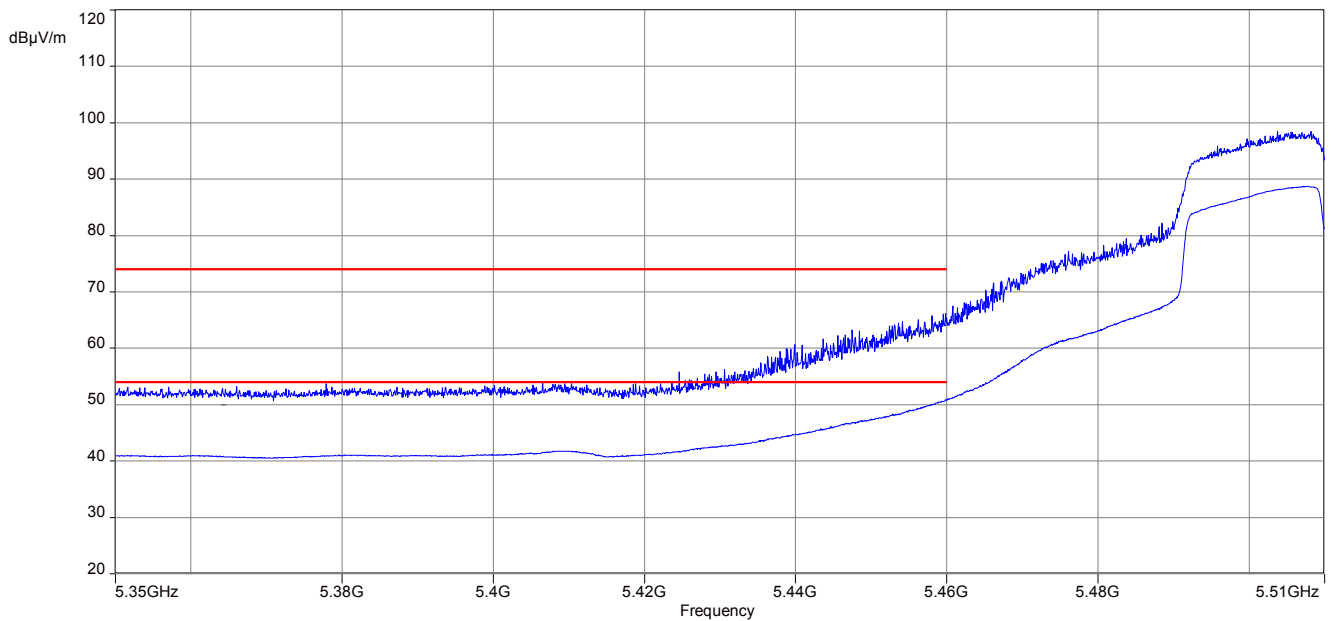
Band Edge Compliance Radiated
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 5.205(c)).
74 dBμV/m (peak) 54 dBμV/m (average)

Result:

Scenario	Band Edge Compliance Radiated [dB μ V/m]
band edge	< 74 dBμV/m (peak) < 54 dBμV/m (average)

Plots:**Plot 1:** lower band edge, vertical & horizontal polarization – OFDM 20 MHz, 5180 MHz**Plot 2:** upper band edge, vertical & horizontal polarization – OFDM 20 MHz, 5320 MHz

Plot 3: lower band edge, vertical & horizontal polarization – OFDM 20 MHz, 5500 MHz**Plot 4:** lower band edge, vertical & horizontal polarization – OFDM 40 MHz, 5190 MHz

Plot 5: upper band edge, vertical & horizontal polarization – OFDM 40 MHz, 5310 MHz**Plot 6:** lower band edge, vertical & horizontal polarization – OFDM 40 MHz, 5510 MHz

12.9 TX spurious emissions radiated

Description:

Measurement of the radiated spurious emissions in transmit mode. The measurement is performed at lowest, middle and highest channel.

Measurement:

Measurement parameter	
Detector:	Quasi Peak below 1 GHz (alternative Peak) Peak above 1 GHz / RMS
Sweep time:	Auto
Resolution bandwidth:	F < 1 GHz: 100 kHz F > 1 GHz: 1 MHz
Video bandwidth:	F < 1 GHz: 100 kHz F > 1 GHz: ≥ 3 MHz / 1 MHz
Span:	30 MHz to 40 GHz
Trace – mode:	Max Hold / Average with 100 counts + 20 log (1 / X) for duty cycle lower than 100 %
Test setup:	See sub clause 7.1 – A See sub clause 7.2 – B See sub clause 7.3 – A
Measurement uncertainty:	See sub clause 9

Limits:

TX Spurious Emissions Radiated		
§15.209		
Frequency (MHz)	Field Strength (dB μ V/m)	Measurement distance
30 - 88	30.0	10
88 – 216	33.5	10
216 – 960	36.0	10
Above 960	54.0	3
§15.407		
Outside the restricted bands!	-27 dBm / MHz	

Results: OFDM (20 MHz bandwidth)

TX Spurious Emissions Radiated [dBμV/m] / dBm								
Lowest 5180 MHz			-/-			Highest 5240 MHz		
F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]
5751	Peak	62.53	-/-			All detected peak emissions are below the average limit.		
	AVG	51.83				For emissions above 18 GHz please take look at the plots.		
6907	Peak	53.59						
	AVG	48.46						
For emissions above 18 GHz please take look at the plots.								

TX Spurious Emissions Radiated [dBµV/m] / dBm								
Lowest 5260 MHz			-/-			Highest 5320 MHz		
F [MHz]	Detector	Level [dBµV/m]	F [MHz]	Detector	Level [dBµV/m]	F [MHz]	Detector	Level [dBµV/m]
All detected peak emissions are below the average limit.			-/-			All detected peak emissions are below the average limit.		
For emissions above 18 GHz please take look at the plots.						For emissions above 18 GHz please take look at the plots.		

TX Spurious Emissions Radiated [dB μ V/m] / dBm								
Lowest 5500 MHz			Middle 5600 MHz			Highest 5700 MHz		
F [MHz]	Detector	Level [dB μ V/m]	F [MHz]	Detector	Level [dB μ V/m]	F [MHz]	Detector	Level [dB μ V/m]
11000	Peak	60.47	11200	Peak	61.28	11400	Peak	63.24
	AVG	49.77		AVG	50.44		AVG	52.54
For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.		

TX Spurious Emissions Radiated [dB μ V/m] / dBm								
Lowest 5745 MHz			Middle 5785 MHz			Highest 5825 MHz		
F [MHz]	Detector	Level [dB μ V/m]	F [MHz]	Detector	Level [dB μ V/m]	F [MHz]	Detector	Level [dB μ V/m]
11490	Peak	63.18	11570	Peak	63.04	11650	Peak	62.83
	AVG	52.16		AVG	52.76		AVG	53.53
For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.		

Results: OFDM (40 MHz bandwidth)

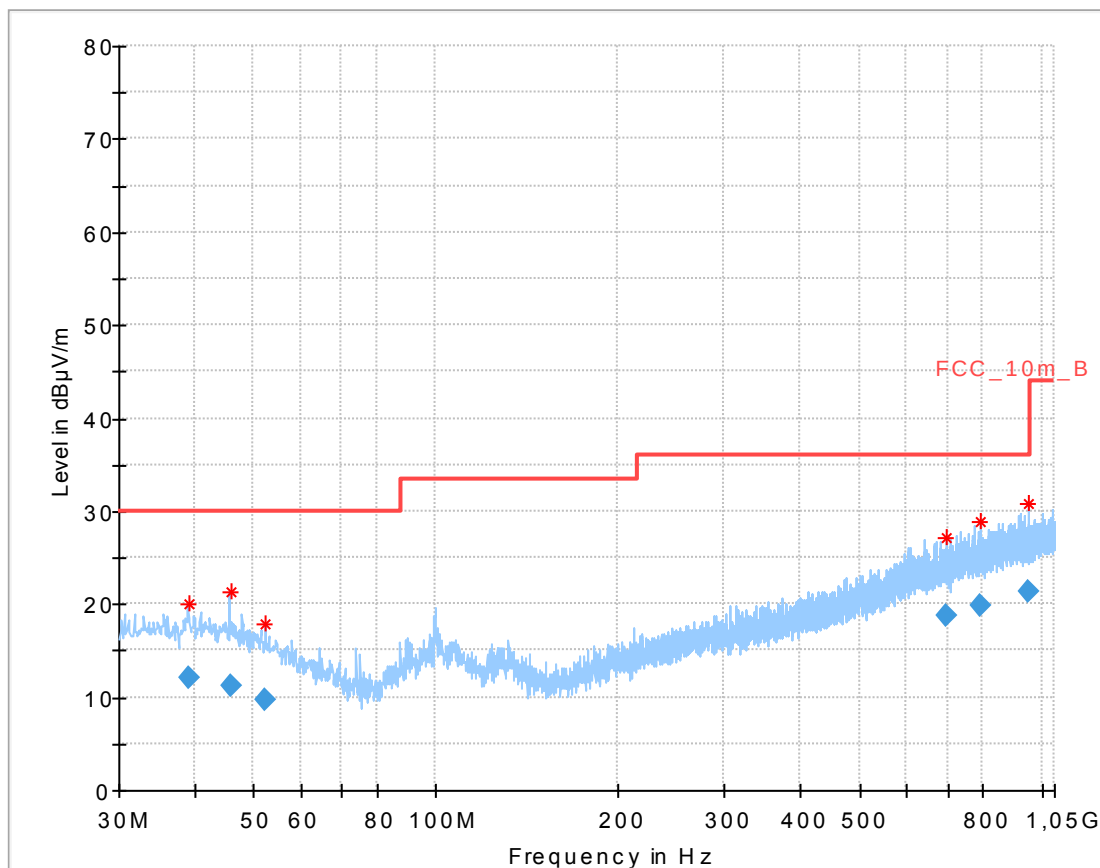
TX Spurious Emissions Radiated [dBμV/m] / dBm								
Lowest 5190 MHz			Highest 5230 MHz			Lowest 5270 MHz		
F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]
6920	Peak	55.13	6973	Peak	54.50	7027	Peak	51.57
	AVG	49.90		AVG	49.22		AVG	46.26
For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.		

TX Spurious Emissions Radiated [dBμV/m] / dBm								
Highest 5310 MHz			Lowest 5510 MHz			Middle 5590 MHz		
F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]
7080	Peak	50.70	All detected peak emissions are below the average limit.			7453	Peak	47.05
	AVG	44.73					AVG	38.27
For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.			11180	Peak	61.16
							AVG	51.74
						For emissions above 18 GHz please take look at the plots.		

TX Spurious Emissions Radiated [dBμV/m] / dBm								
Highest 5670 MHz			Lowest 5755 MHz			Highest 5815 MHz		
F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]	F [MHz]	Detector	Level [dBμV/m]
11340	Peak	60.85	11510	Peak	61.25	11630	Peak	59.24
	AVG	51.05		AVG	51.40		AVG	49.93
For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.			For emissions above 18 GHz please take look at the plots.		

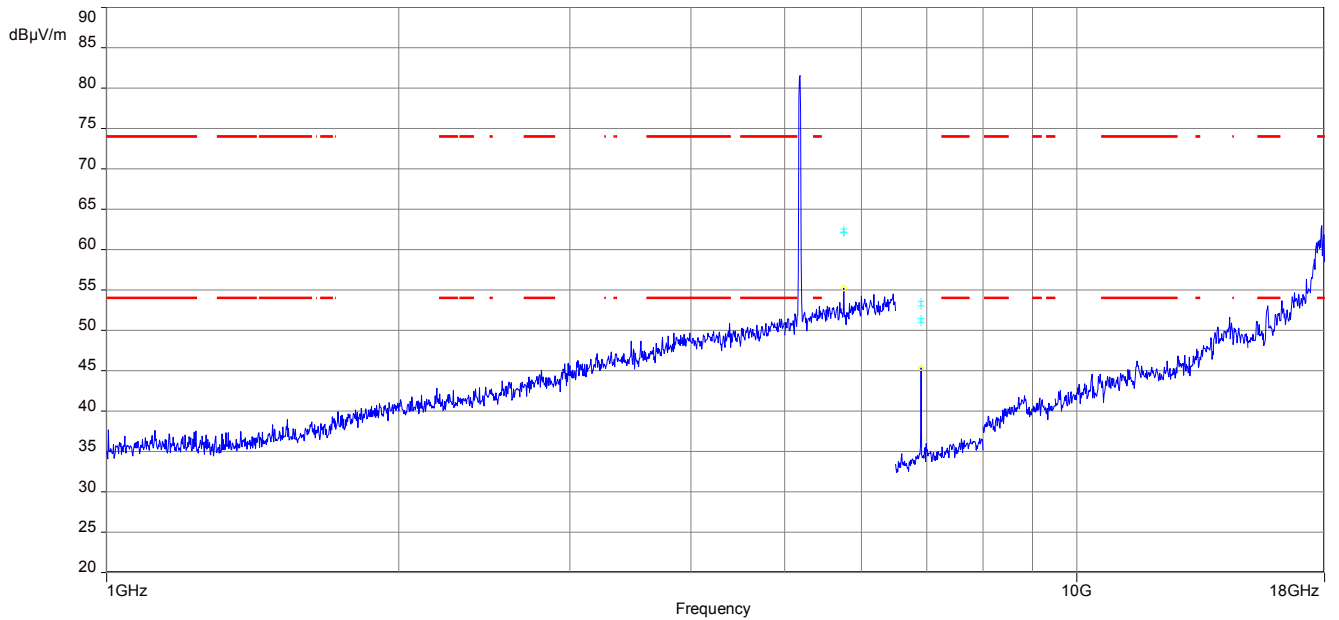
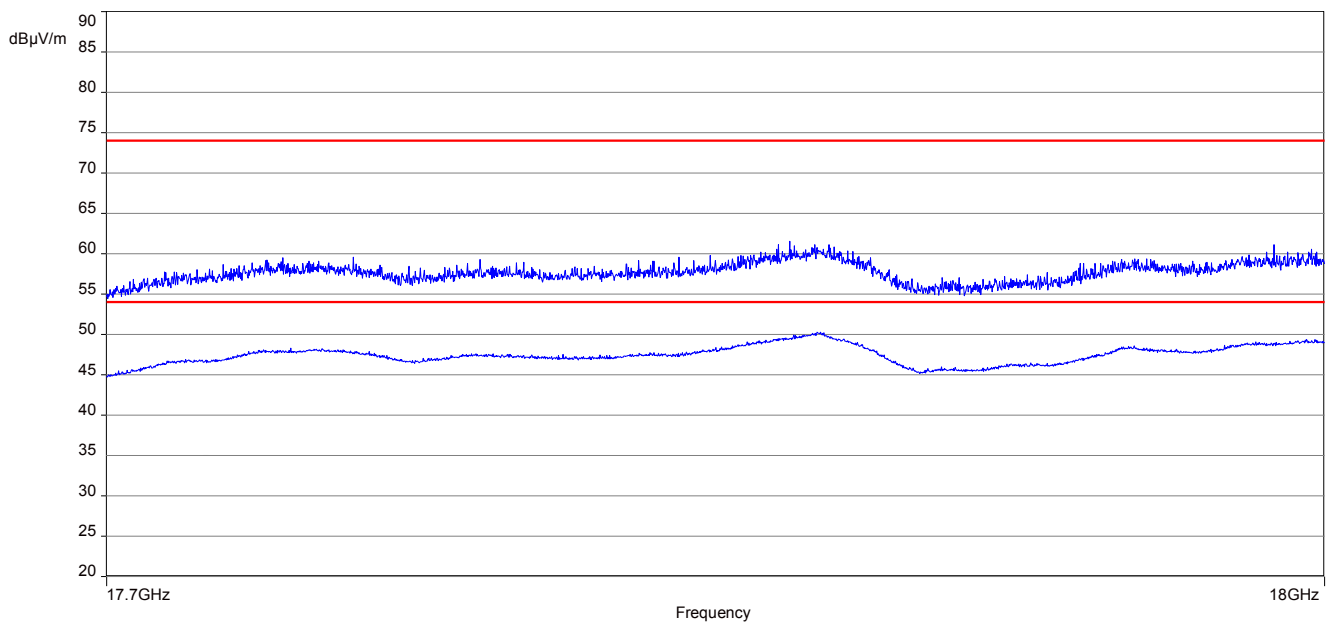
Plots: OFDM / n HT20 – mode

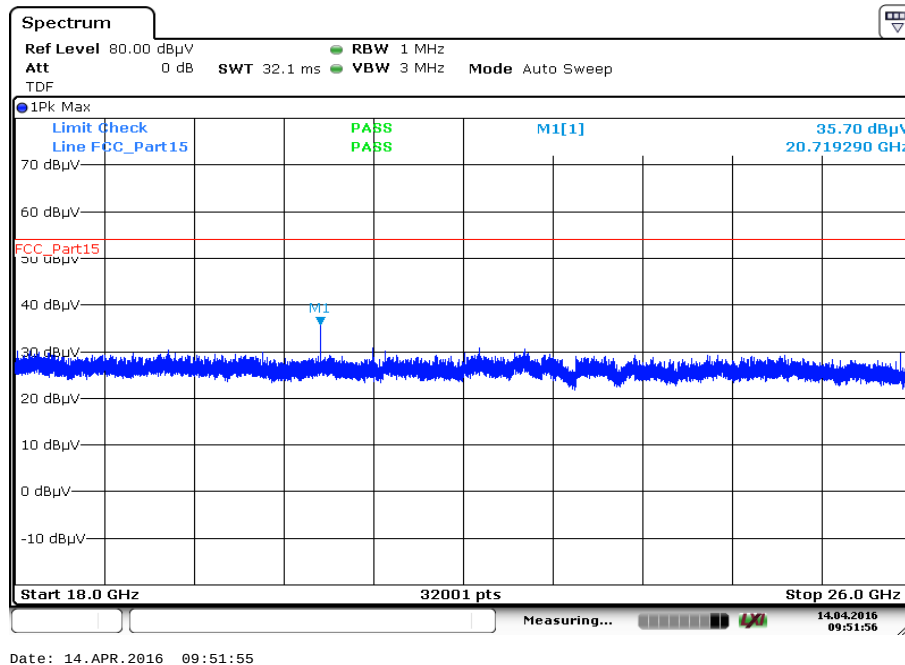
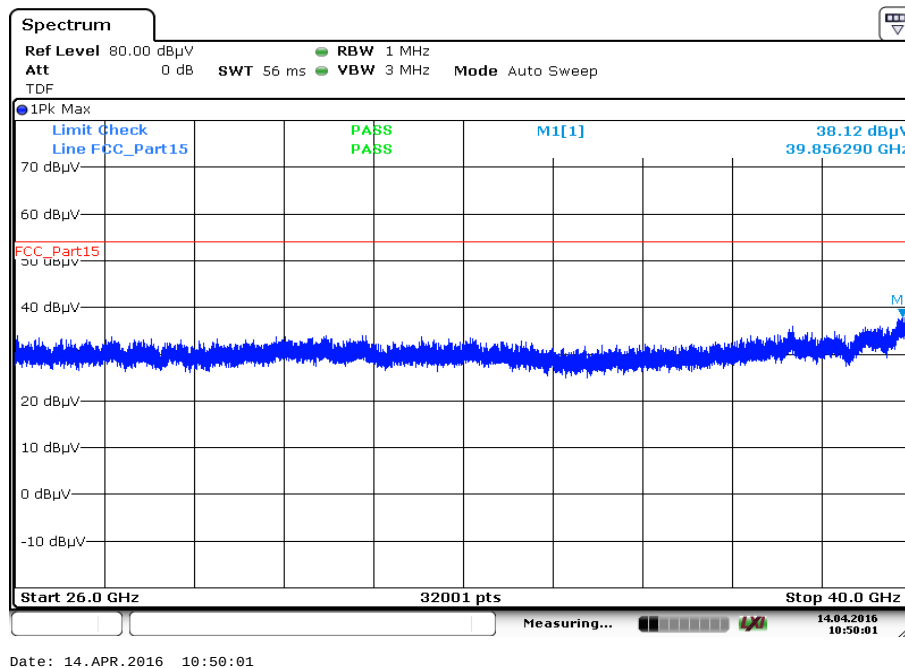
Plot 1: 30 MHz to 1 GHz, 5180 MHz, vertical & horizontal polarization

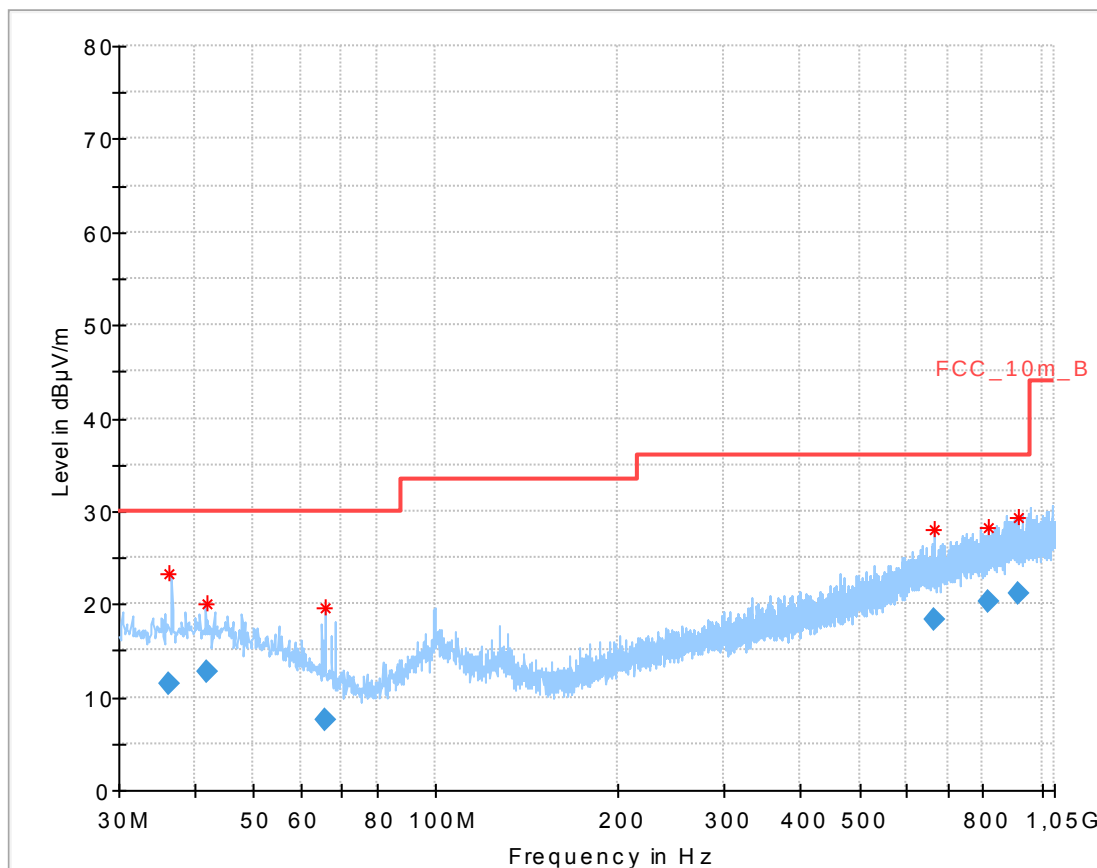


Final_Result

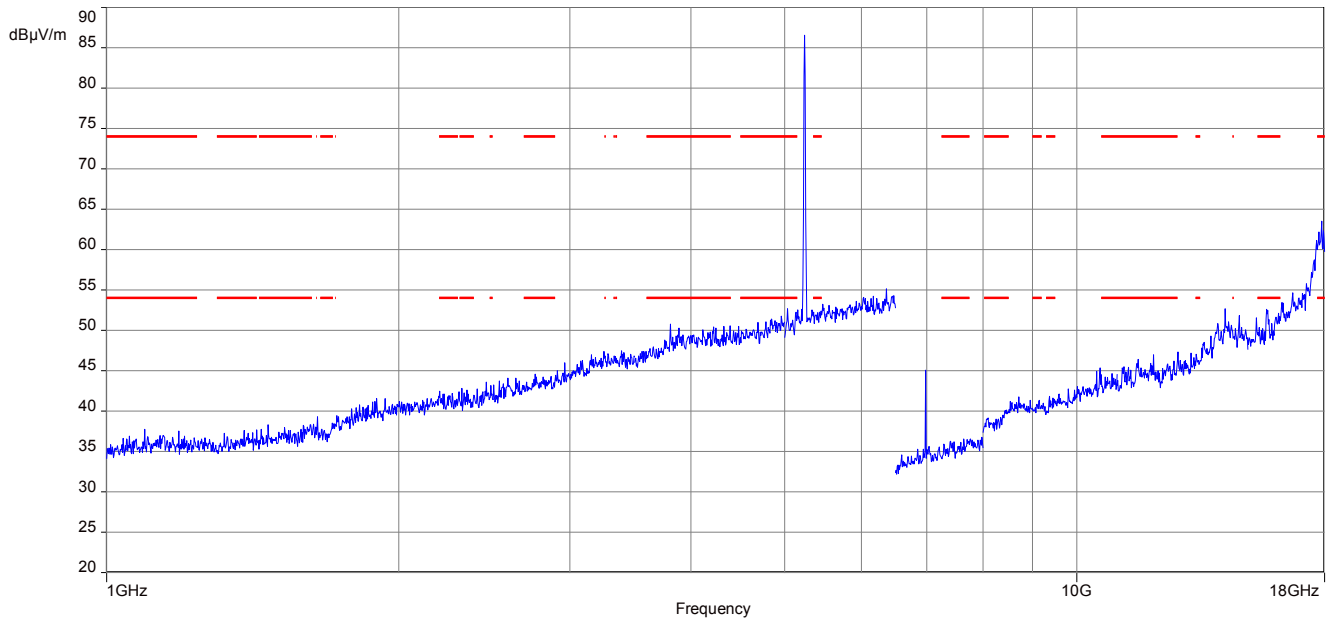
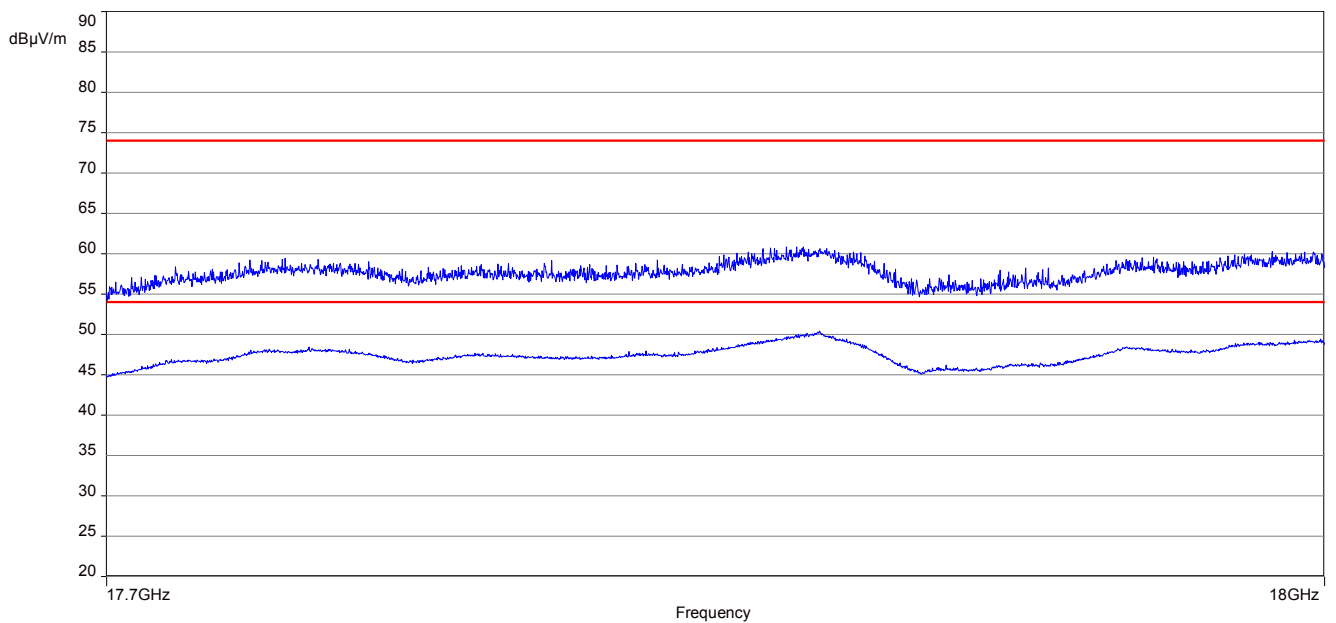
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.064050	12.06	30.00	17.94	1000.0	120.000	98.0	V	260.0	14.0
45.832500	11.27	30.00	18.73	1000.0	120.000	170.0	V	171.0	13.6
52.268400	9.68	30.00	20.32	1000.0	120.000	98.0	V	170.0	12.3
695.362800	18.74	36.00	17.26	1000.0	120.000	170.0	V	100.0	21.5
793.170000	19.79	36.00	16.21	1000.0	120.000	170.0	H	100.0	22.7
952.760700	21.37	36.00	14.63	1000.0	120.000	98.0	V	190.0	24.3

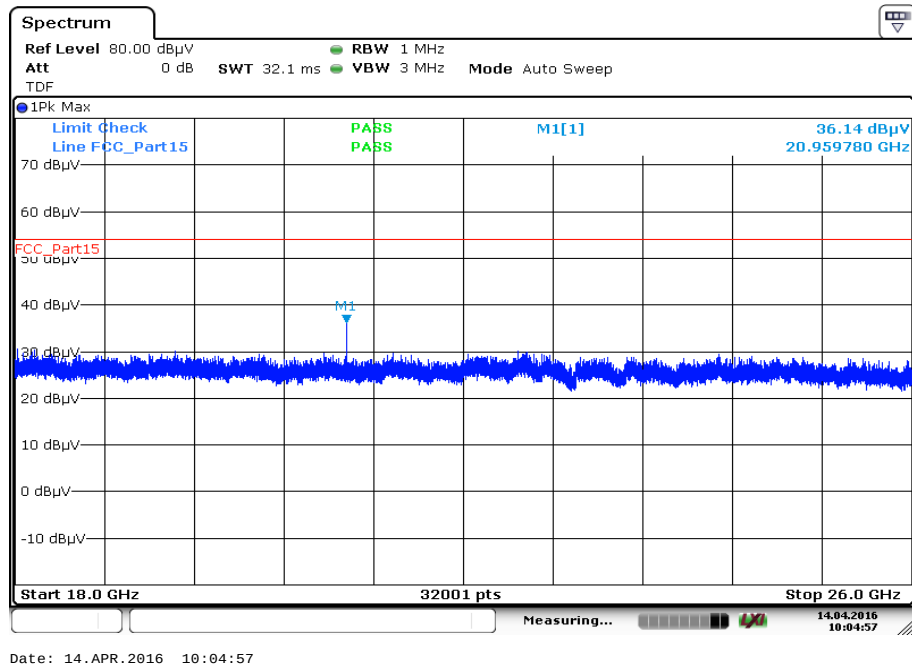
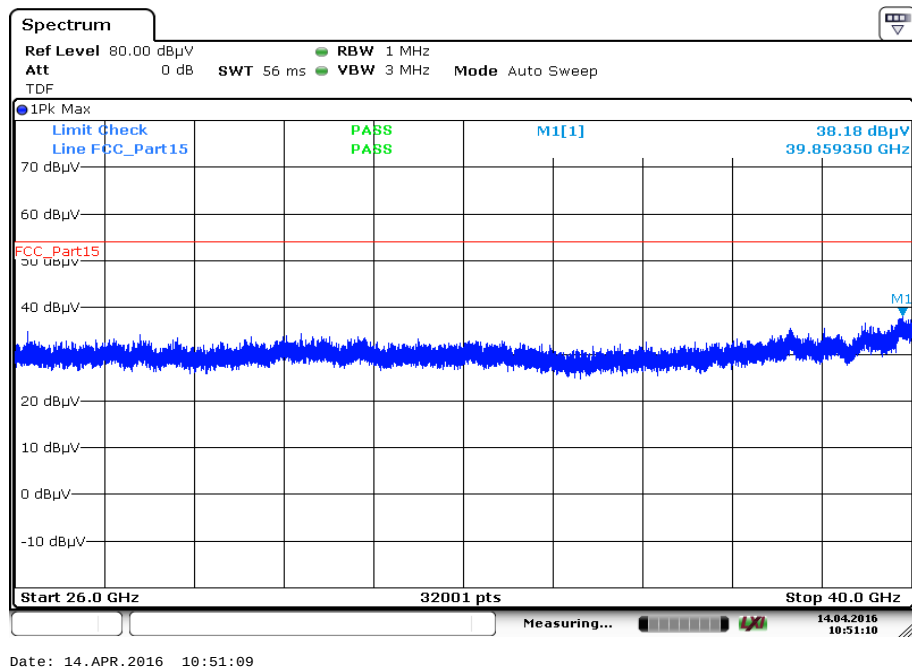
Plot 2: 1 GHz to 18 GHz, 5180 MHz, vertical & horizontal polarization**Plot 3:** 17.7 GHz to 18 GHz, 5180 MHz, vertical & horizontal polarization

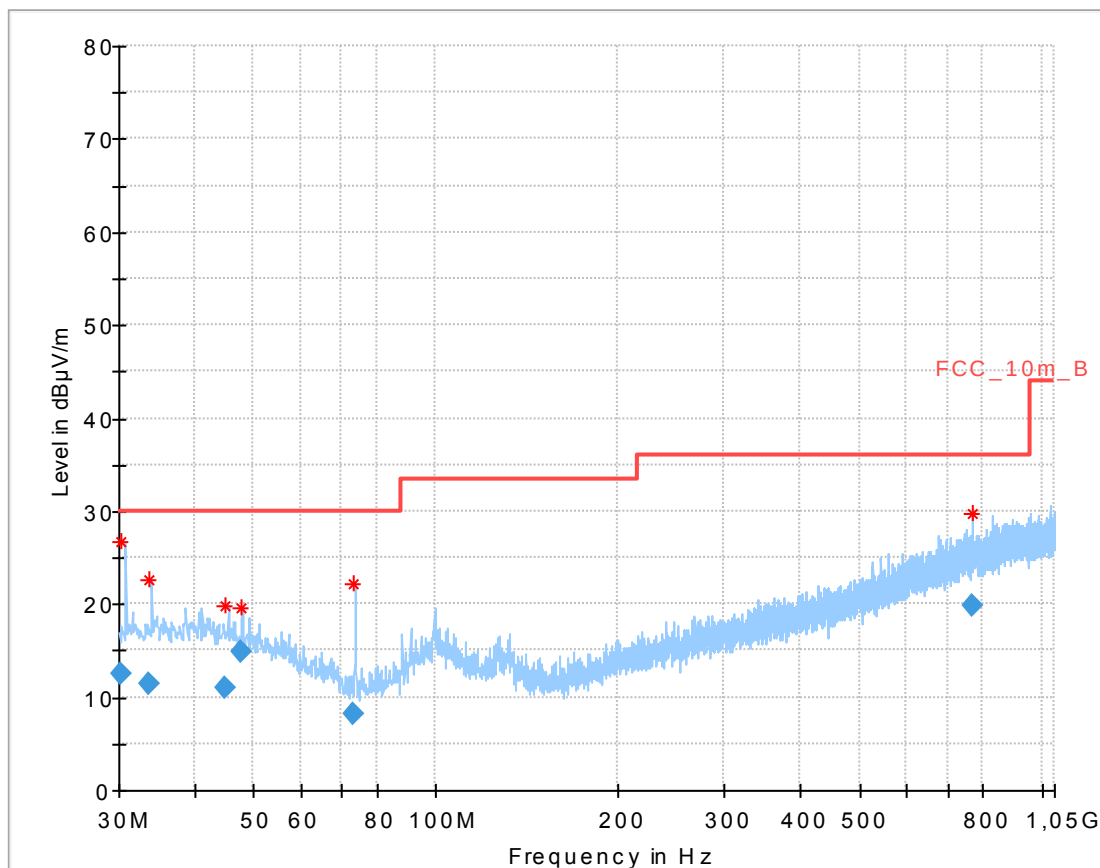
Plot 4: 18 GHz to 26 GHz, 5180 MHz, vertical & horizontal polarization**Plot 5:** 26 GHz to 40 GHz, 5180 MHz, vertical & horizontal polarization

Plot 6: 30 MHz to 1 GHz, 5240 MHz, vertical & horizontal polarization

Final_Result:

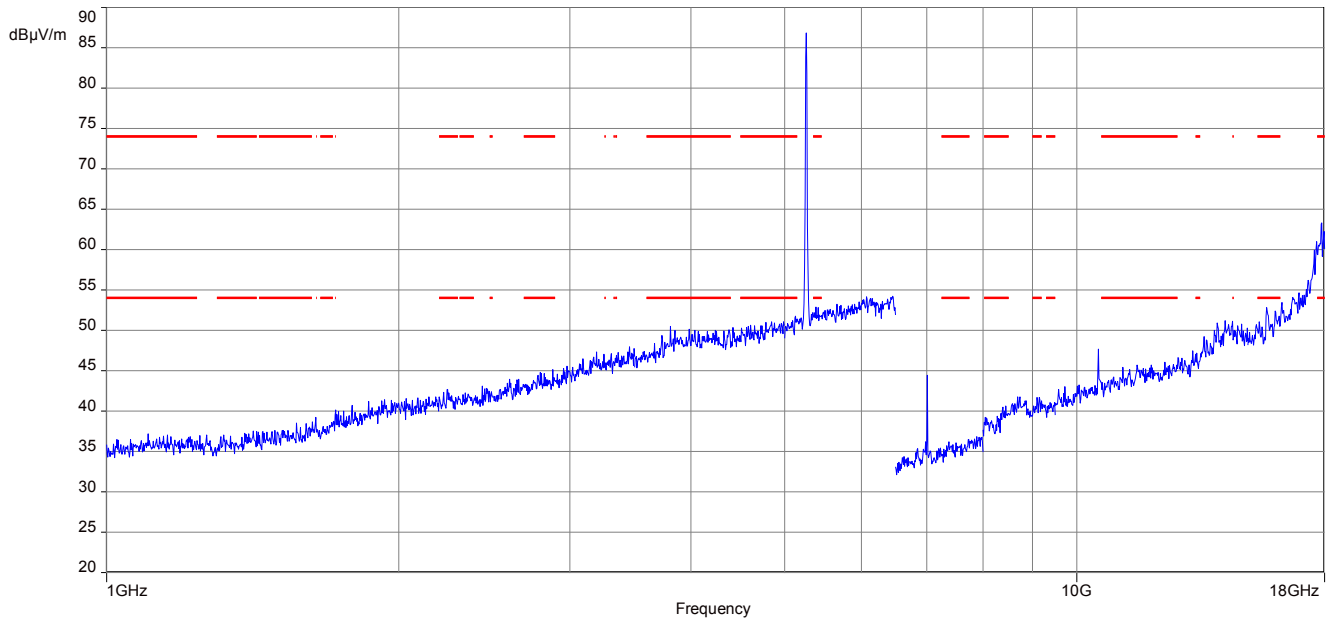
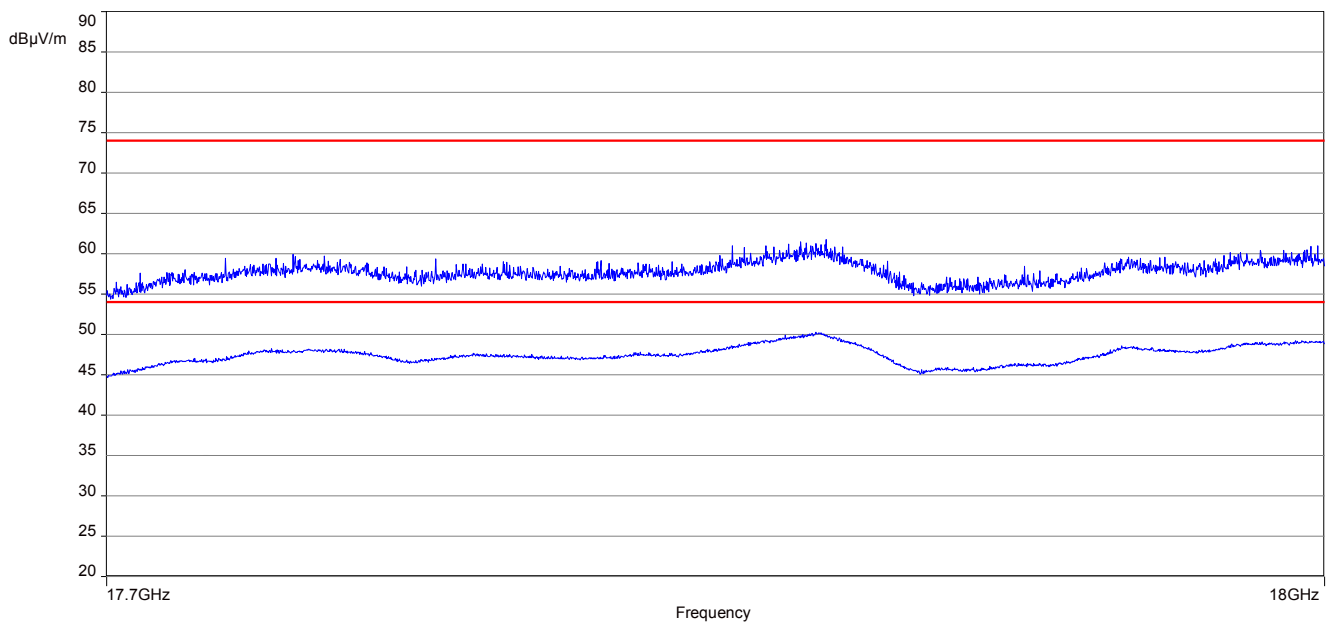
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.236250	11.43	30.00	18.57	1000.0	120.000	98.0	V	100.0	13.9
41.793000	12.76	30.00	17.24	1000.0	120.000	98.0	V	280.0	14.0
65.760450	7.46	30.00	22.54	1000.0	120.000	170.0	V	280.0	9.3
663.594600	18.37	36.00	17.63	1000.0	120.000	98.0	V	171.0	21.2
819.247200	20.28	36.00	15.72	1000.0	120.000	170.0	V	190.0	23.0
917.289600	21.14	36.00	14.86	1000.0	120.000	98.0	H	10.0	24.2

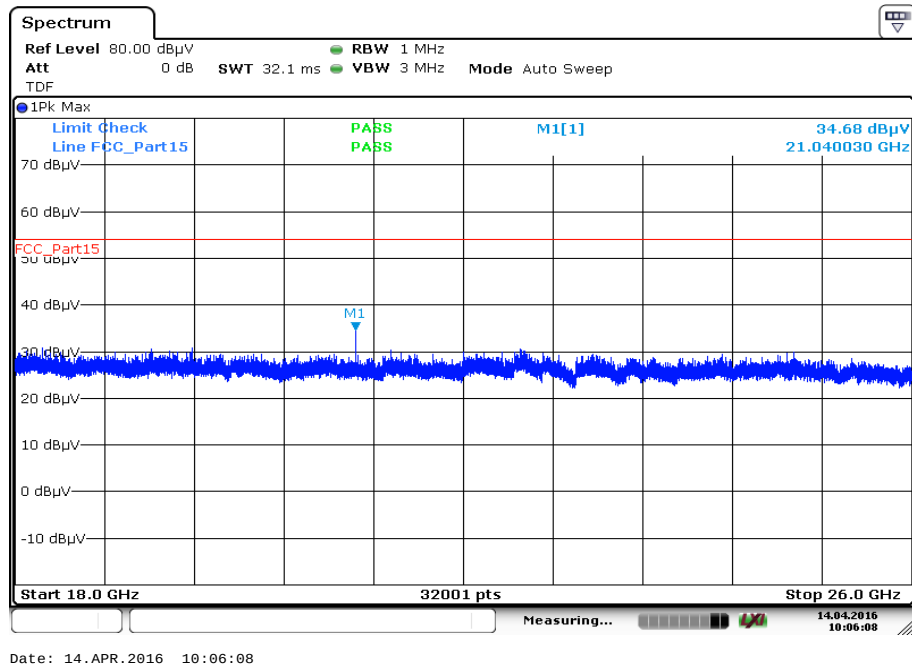
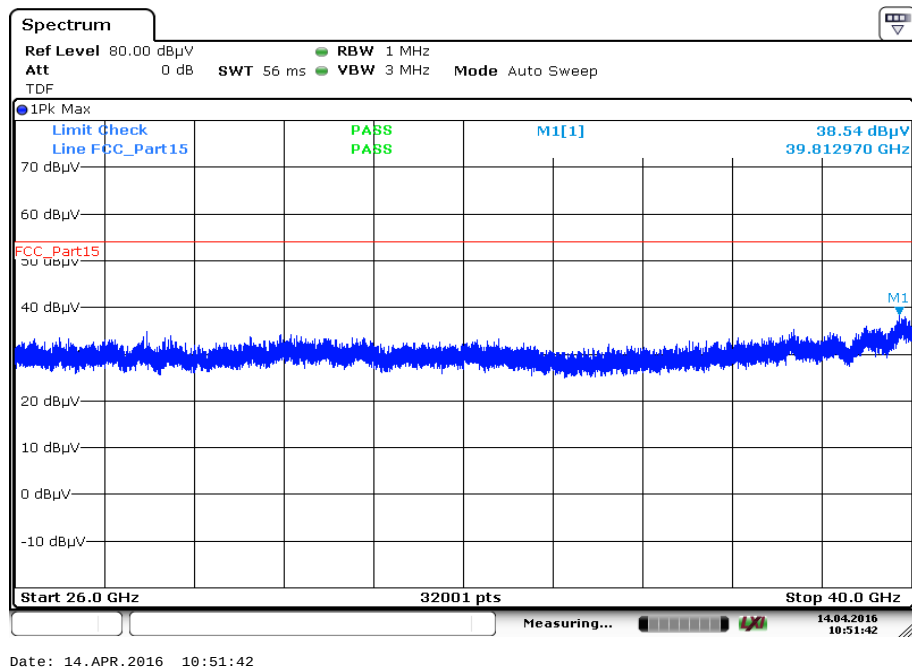
Plot 7: 1 GHz to 18 GHz, 5240 MHz, vertical & horizontal polarization**Plot 8:** 17.7 GHz to 18 GHz, 5240 MHz, vertical & horizontal polarization

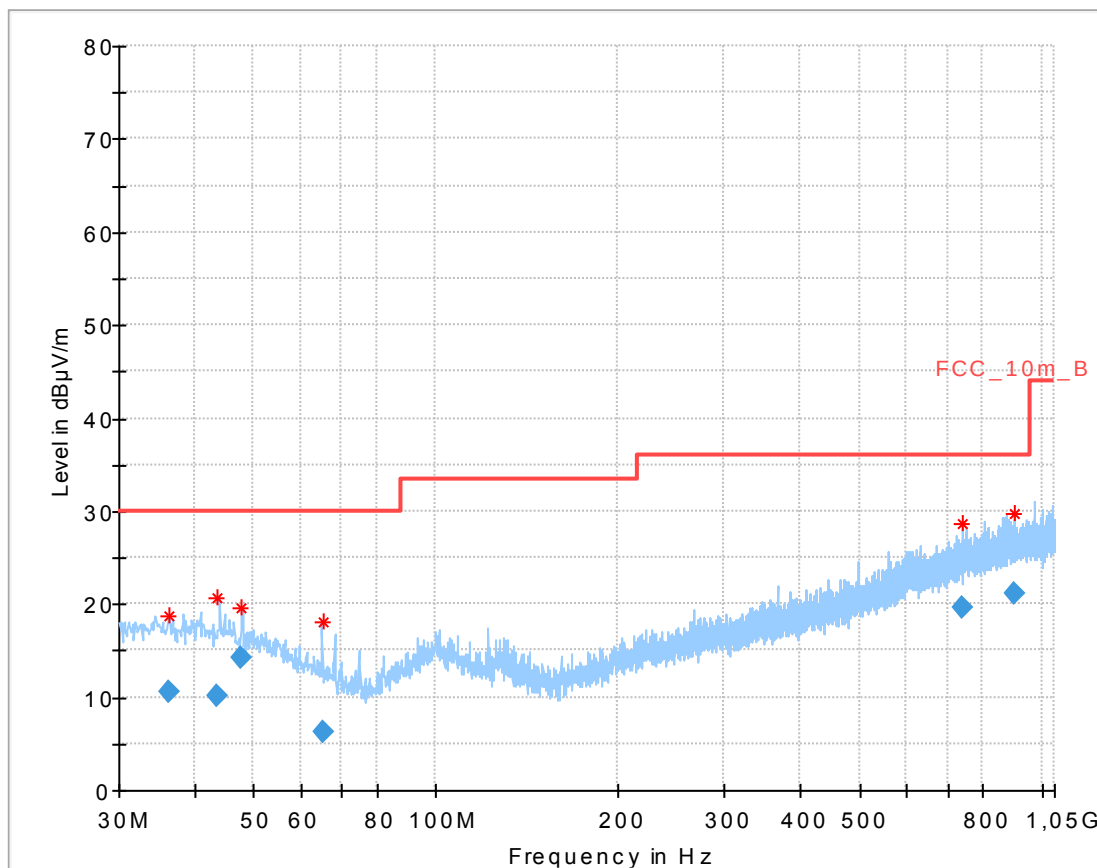
Plot 9: 18 GHz to 26 GHz, 5240 MHz, vertical & horizontal polarization**Plot 10:** 26 GHz to 40 GHz, 5240 MHz, vertical & horizontal polarization

Plot 11: 30 MHz to 1 GHz, 5260 MHz, vertical & horizontal polarization

Final_Result:

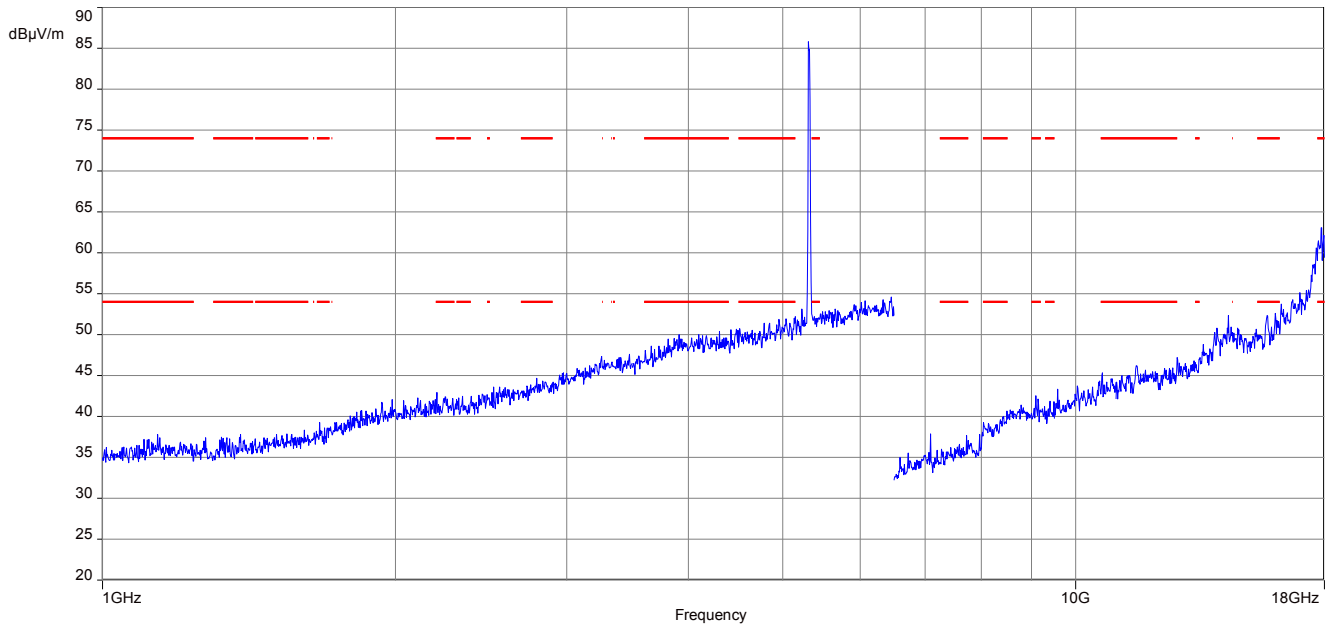
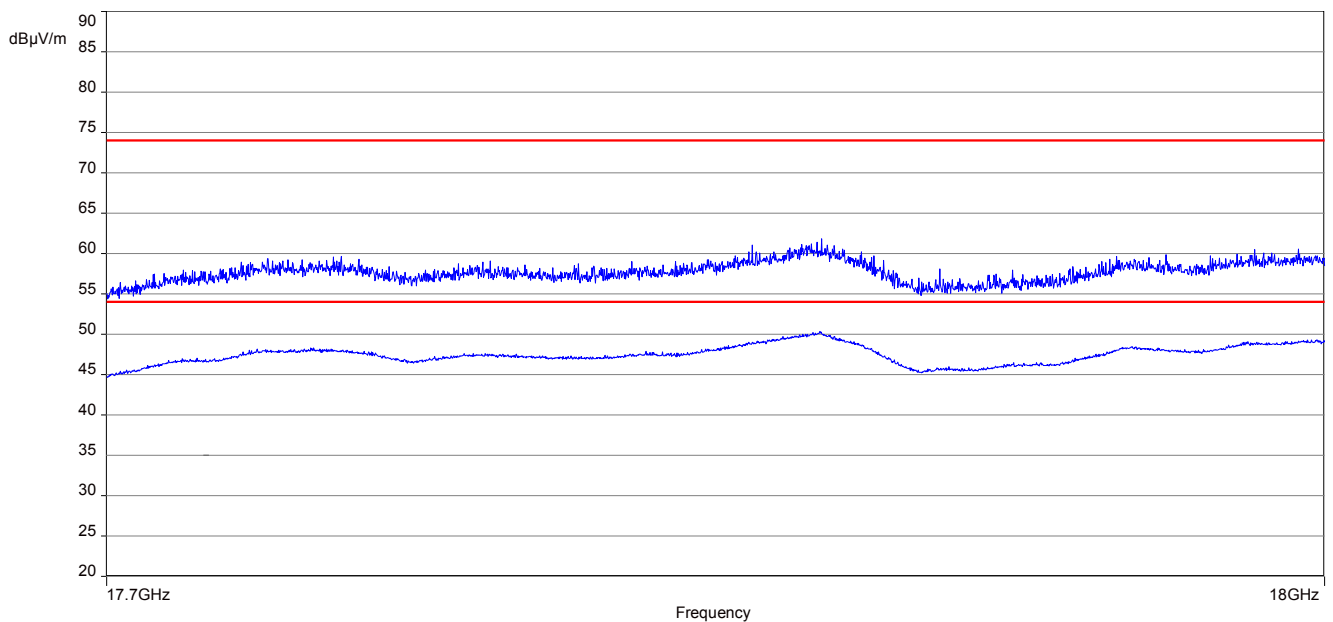
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.187350	12.42	30.00	17.58	1000.0	120.000	98.0	V	100.0	13.3
33.599250	11.39	30.00	18.61	1000.0	120.000	98.0	V	81.0	13.7
44.933550	11.00	30.00	19.00	1000.0	120.000	98.0	V	260.0	13.9
47.881350	14.90	30.00	15.10	1000.0	120.000	98.0	V	-9.0	13.1
73.122300	8.29	30.00	21.71	1000.0	120.000	170.0	V	260.0	8.3
769.440900	19.82	36.00	16.18	1000.0	120.000	170.0	H	280.0	22.7

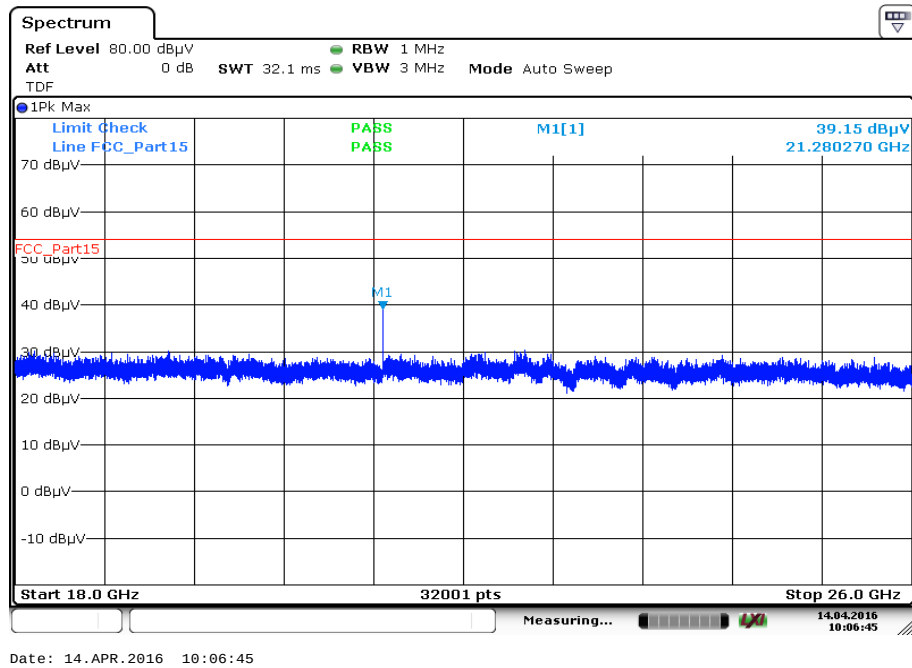
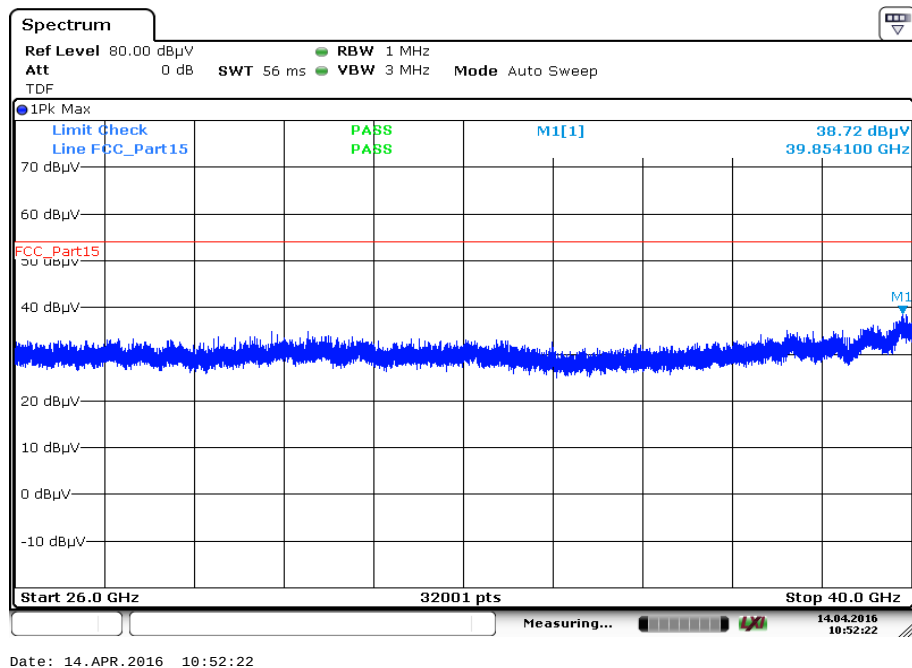
Plot 12: 1 GHz to 18 GHz, 5260 MHz, vertical & horizontal polarization**Plot 13:** 17.7 GHz to 18 GHz, 5260 MHz, vertical & horizontal polarization

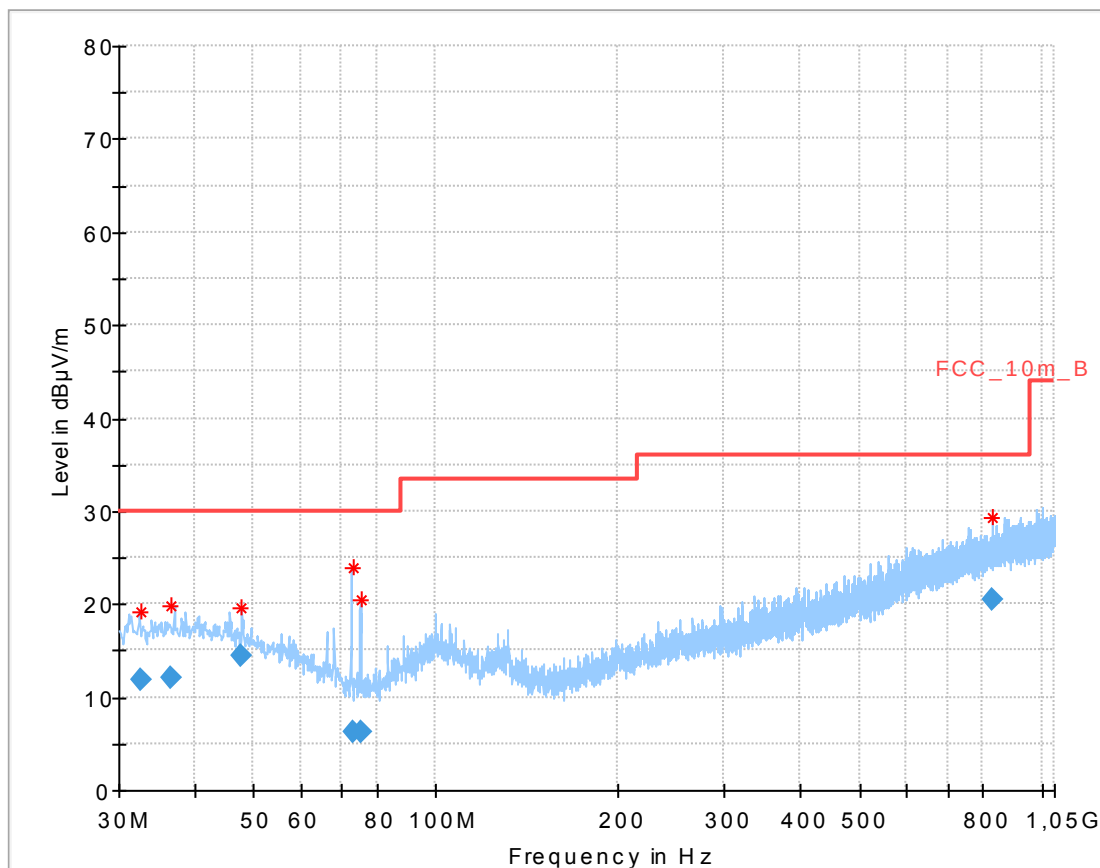
Plot 14: 18 GHz to 26 GHz, 5260 MHz, vertical & horizontal polarization**Plot 15:** 26 GHz to 40 GHz, 5260 MHz, vertical & horizontal polarization

Plot 16: 30 MHz to 1 GHz, 5320 MHz, vertical & horizontal polarization

Final_Result:

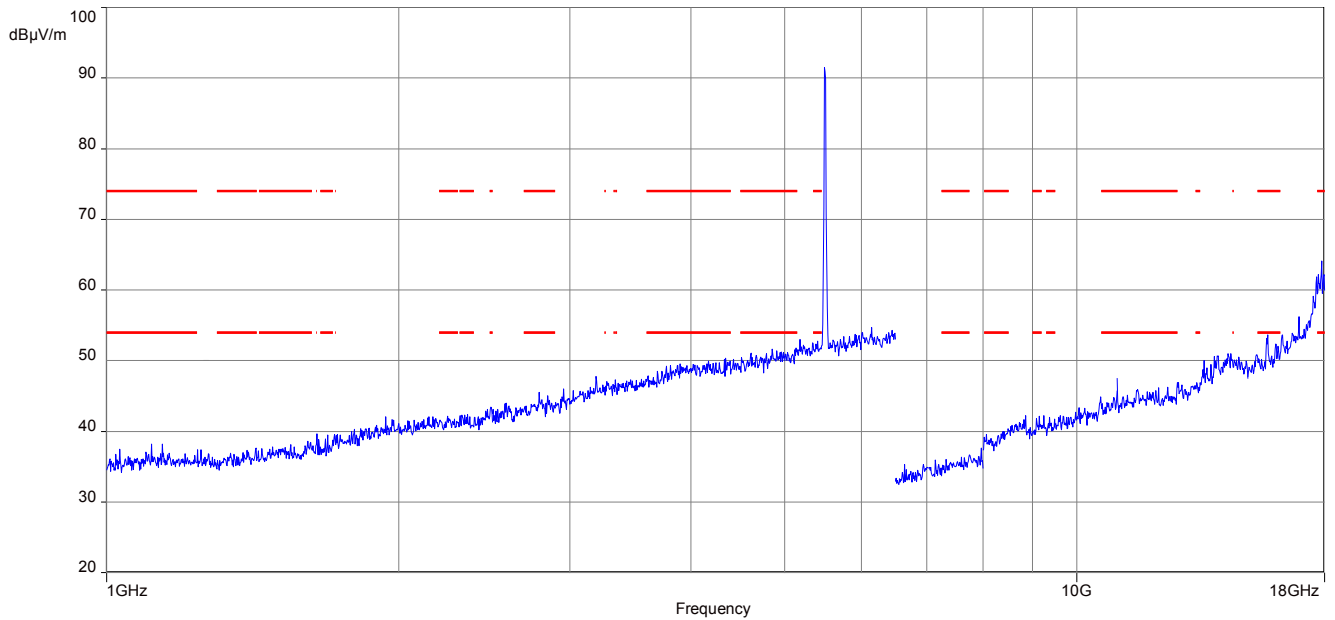
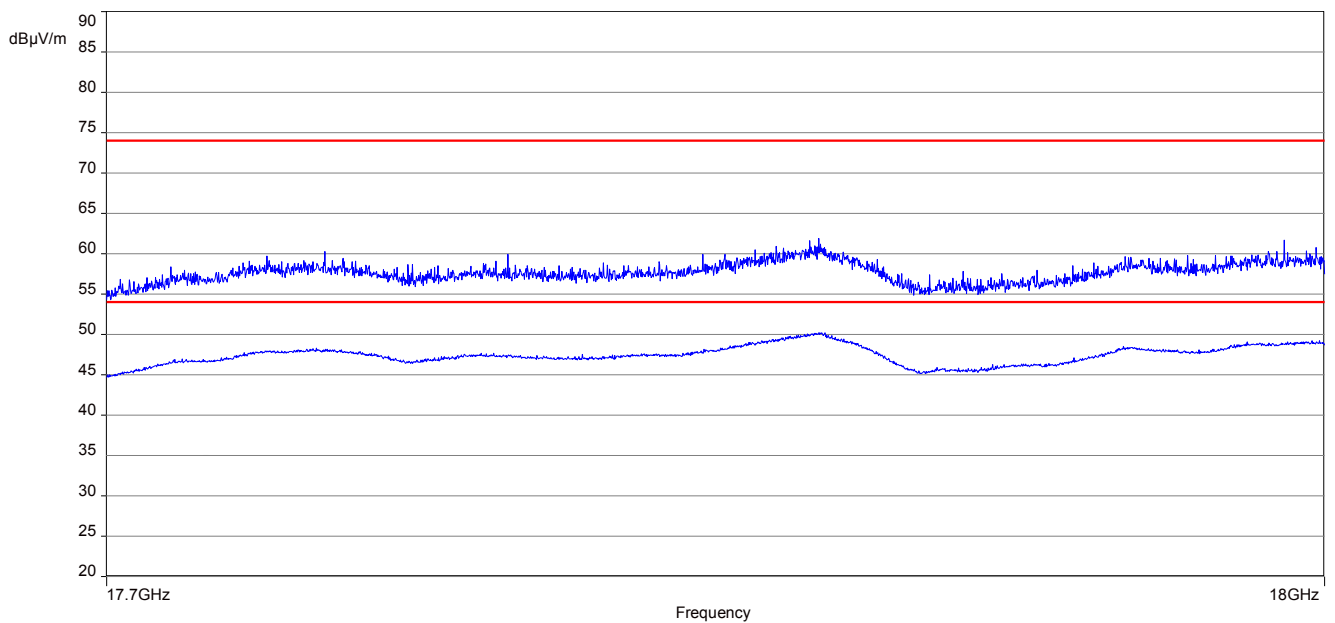
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.186150	10.62	30.00	19.38	1000.0	120.000	101.0	H	190.0	13.9
43.610100	10.17	30.00	19.83	1000.0	120.000	170.0	V	171.0	13.9
47.825550	14.14	30.00	15.86	1000.0	120.000	98.0	V	171.0	13.2
65.094900	6.28	30.00	23.72	1000.0	120.000	101.0	V	171.0	9.4
737.641050	19.62	36.00	16.38	1000.0	120.000	170.0	V	100.0	22.4
904.648950	21.13	36.00	14.87	1000.0	120.000	170.0	H	280.0	24.1

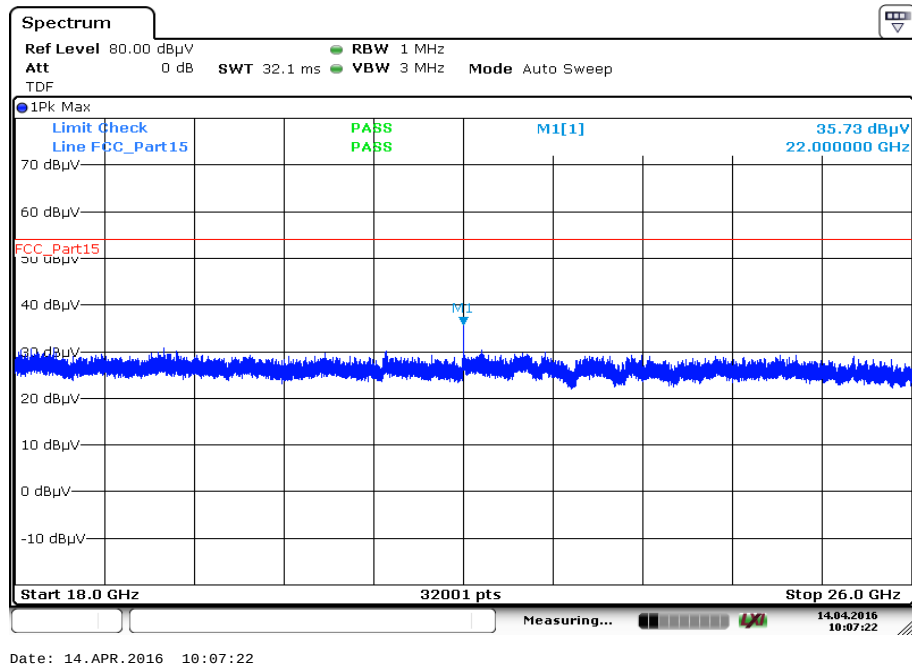
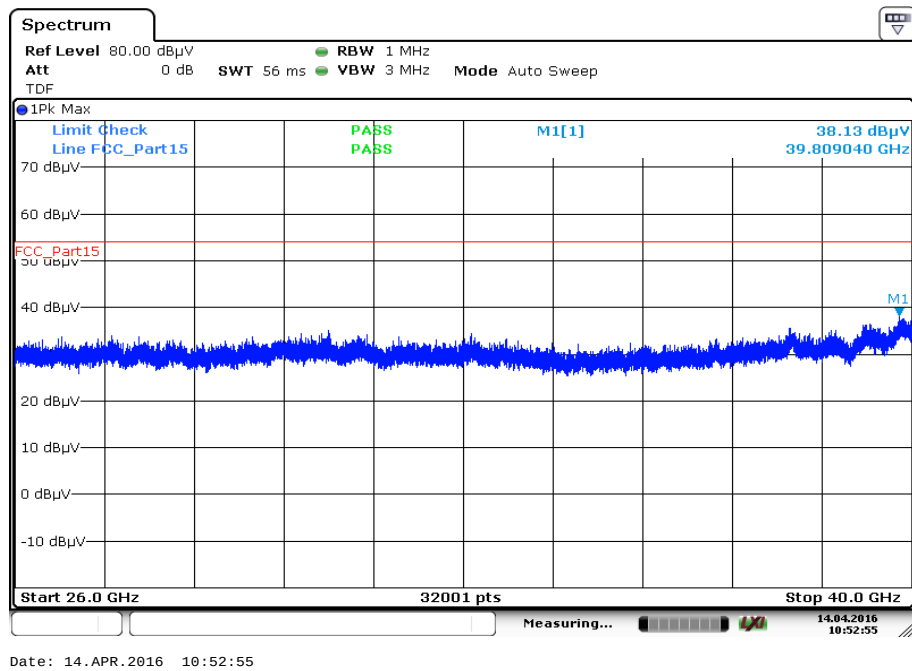
Plot 17: 1 GHz to 18 GHz, 5320 MHz, vertical & horizontal polarization**Plot 18:** 17.7 GHz to 18 GHz, 5320 MHz, vertical & horizontal polarization

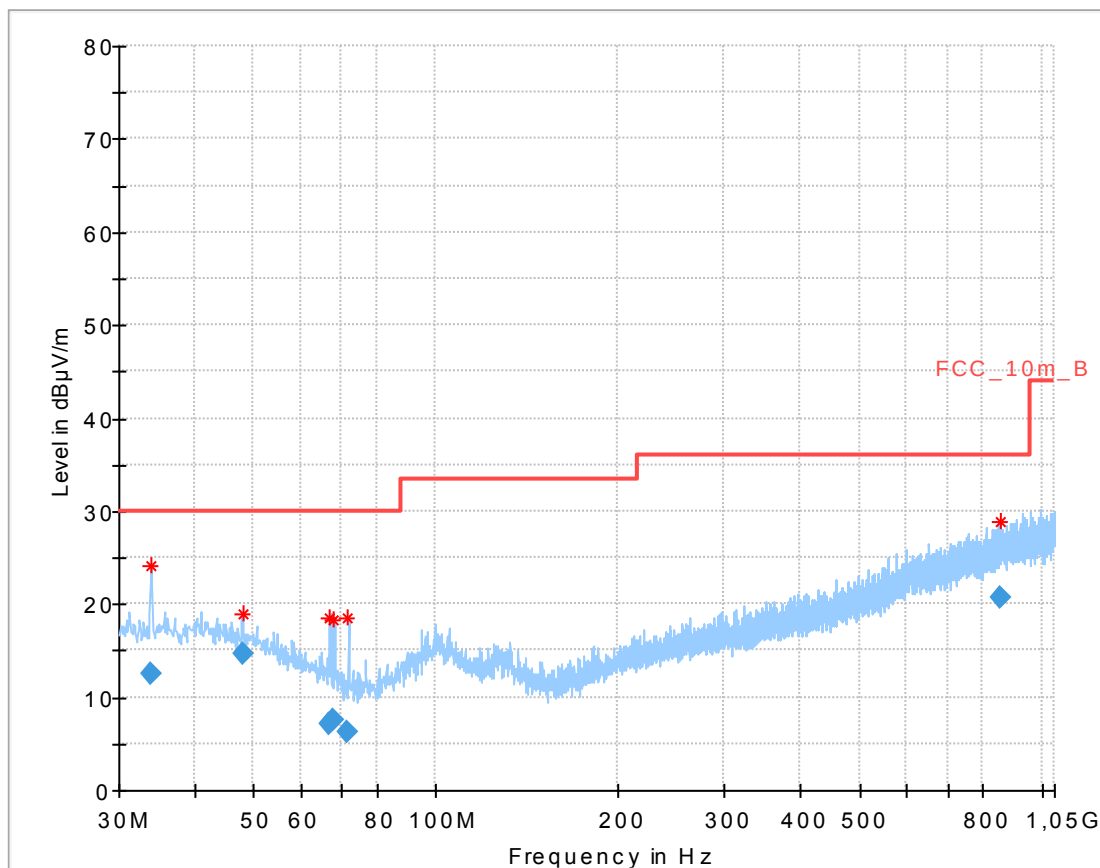
Plot 19: 18 GHz to 26 GHz, 5320 MHz, vertical & horizontal polarization**Plot 20:** 26 GHz to 40 GHz, 5320 MHz, vertical & horizontal polarization

Plot 21: 30 MHz to 1 GHz, 5500 MHz, vertical & horizontal polarization

Final_Result:

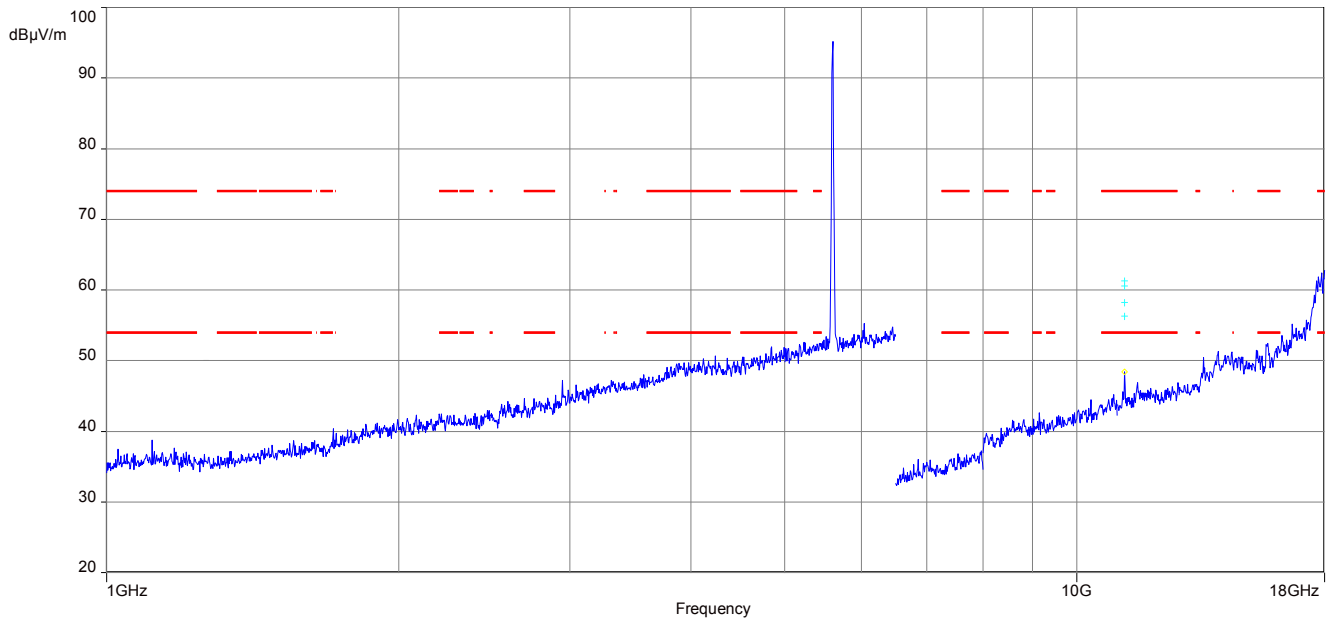
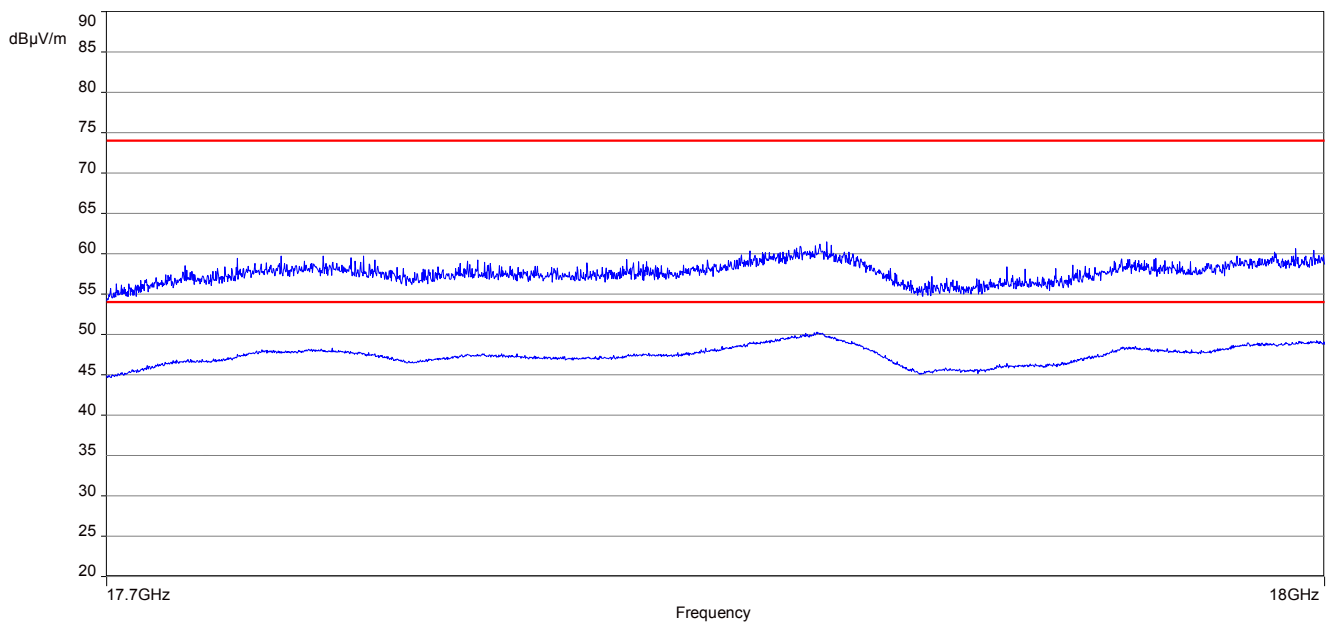
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.647350	11.85	30.00	18.15	1000.0	120.000	170.0	V	80.0	13.6
36.662250	11.97	30.00	18.03	1000.0	120.000	170.0	V	80.0	13.9
47.883750	14.53	30.00	15.47	1000.0	120.000	98.0	V	190.0	13.1
73.174800	6.19	30.00	23.81	1000.0	120.000	101.0	V	260.0	8.3
75.221850	6.30	30.00	23.70	1000.0	120.000	170.0	V	100.0	8.2
831.876300	20.41	36.00	15.59	1000.0	120.000	170.0	V	170.0	23.2

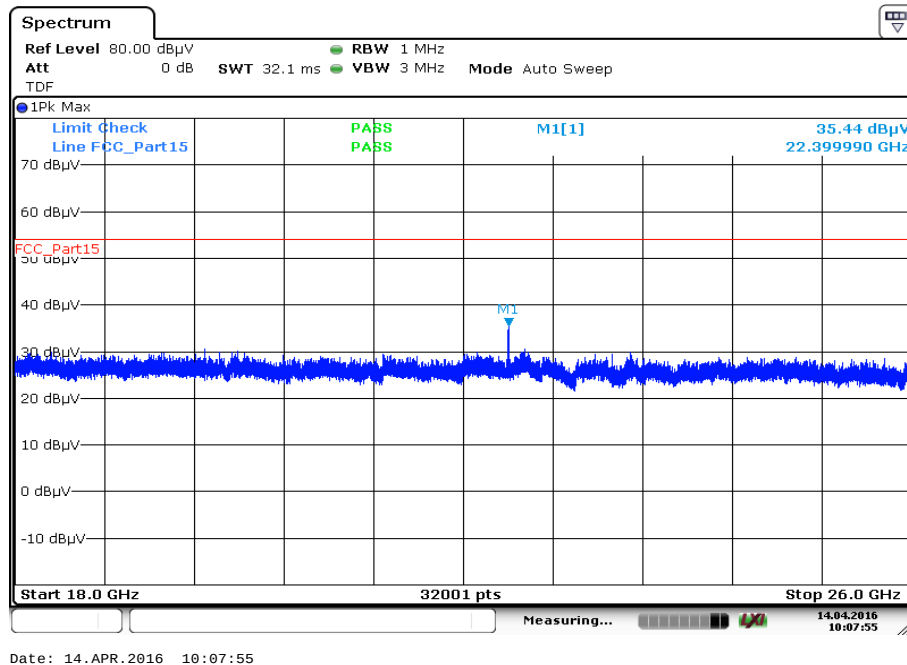
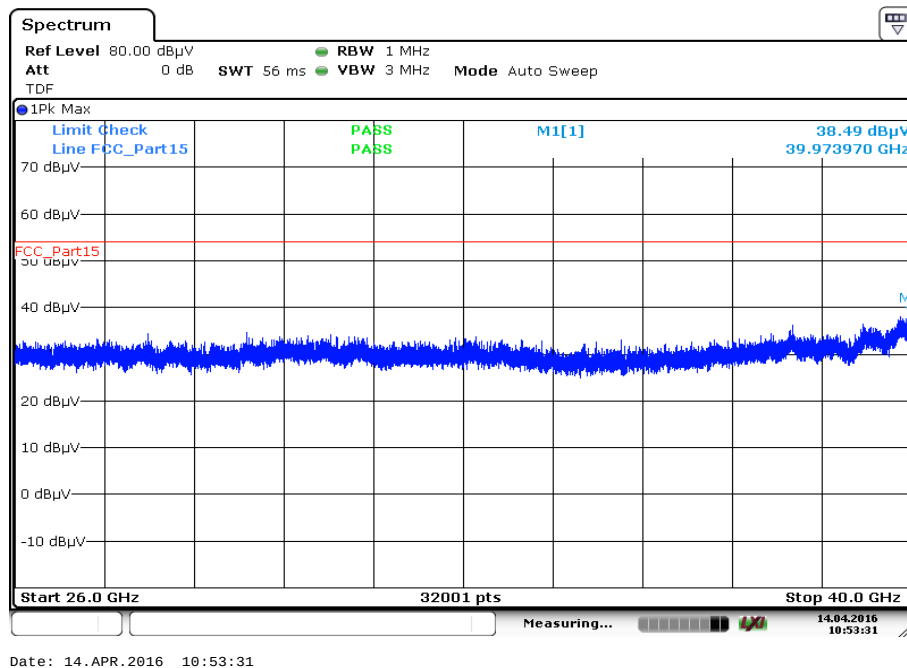
Plot 22: 1 GHz to 18 GHz, 5500 MHz, vertical & horizontal polarization**Plot 23:** 17.7 GHz to 18 GHz, 5500 MHz, vertical & horizontal polarization

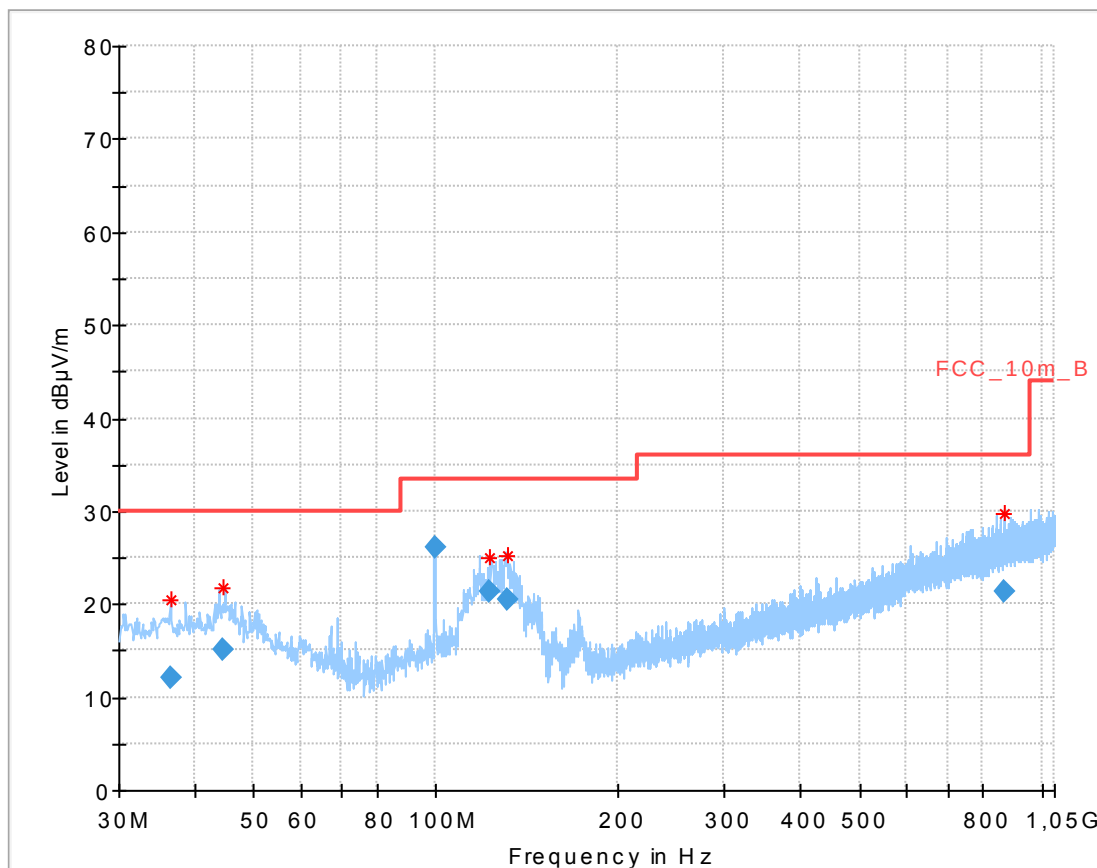
Plot 24: 18 GHz to 26 GHz, 5500 MHz, vertical & horizontal polarization**Plot 25:** 26 GHz to 40 GHz, 5500 MHz, vertical & horizontal polarization

Plot 26: 30 MHz to 1 GHz, 5600 MHz, vertical & horizontal polarization

Final_Result

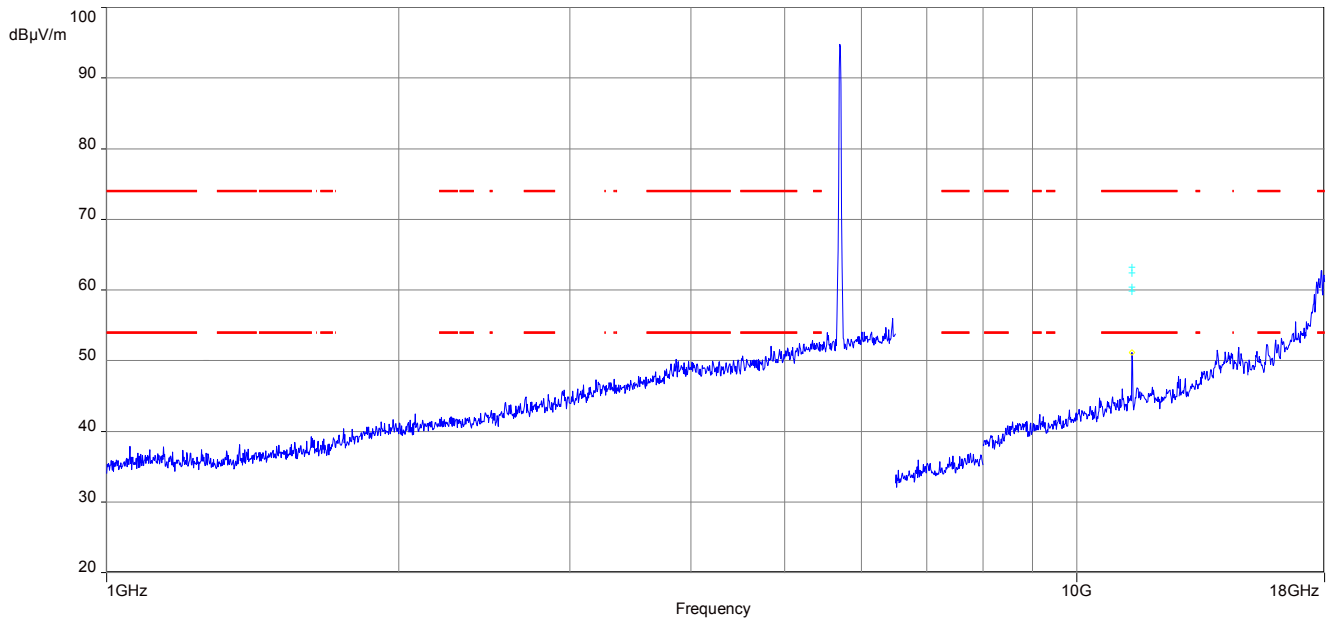
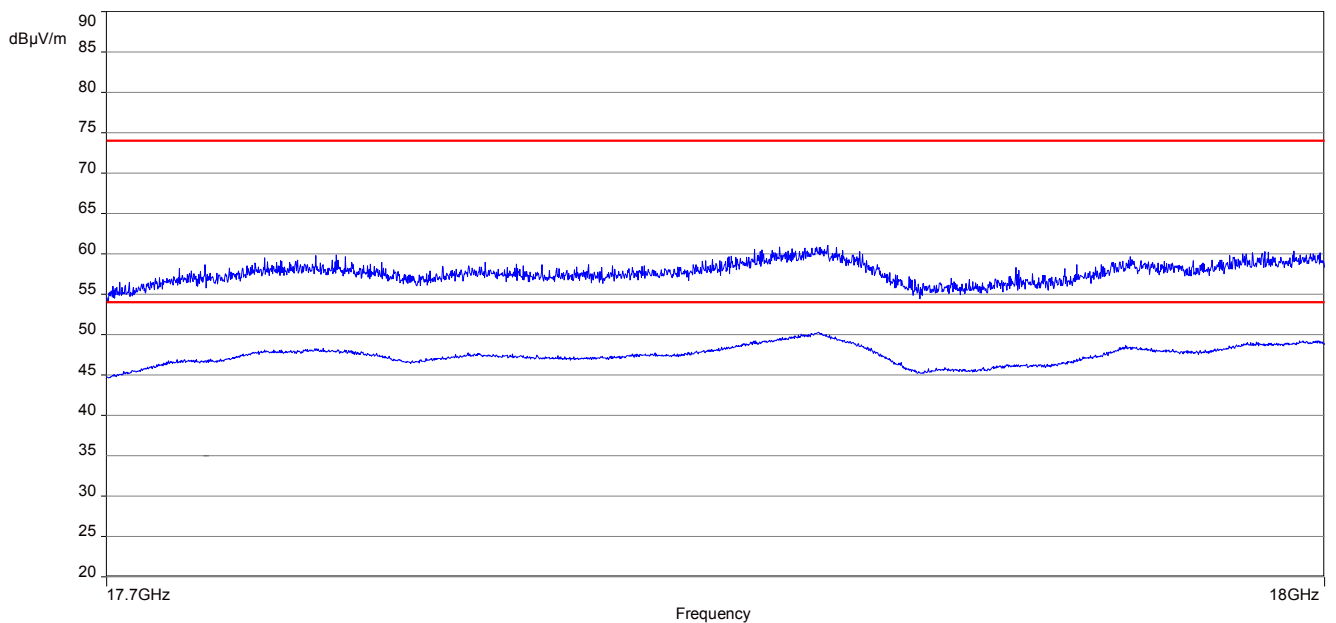
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.912000	12.44	30.00	17.56	1000.0	120.000	98.0	V	-9.0	13.7
47.969550	14.58	30.00	15.42	1000.0	120.000	98.0	V	280.0	13.1
66.636600	7.13	30.00	22.87	1000.0	120.000	101.0	V	100.0	9.1
67.902750	7.57	30.00	22.43	1000.0	120.000	101.0	V	81.0	8.9
71.629950	6.15	30.00	23.85	1000.0	120.000	170.0	V	260.0	8.4
854.347500	20.74	36.00	15.26	1000.0	120.000	170.0	H	10.0	23.5

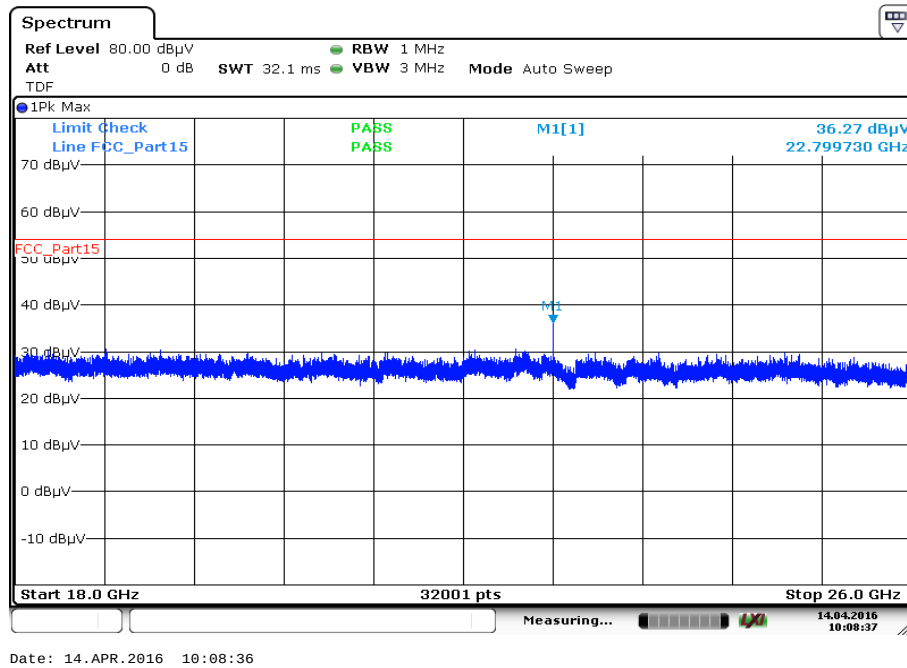
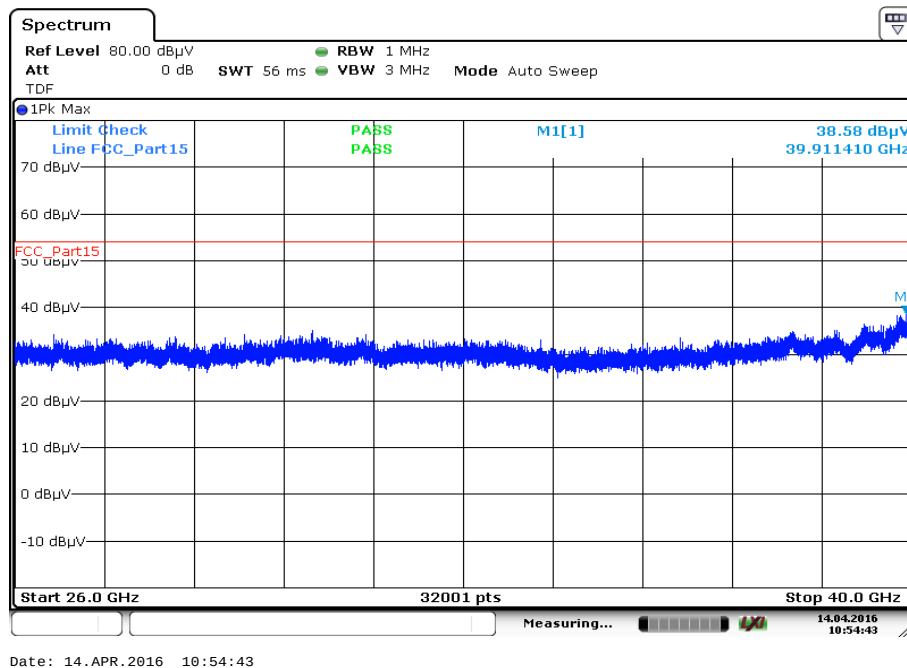
Plot 27: 1 GHz to 18 GHz, 5600 MHz, vertical & horizontal polarization**Plot 28:** 17.7 GHz to 18 GHz, 5600 MHz, vertical & horizontal polarization

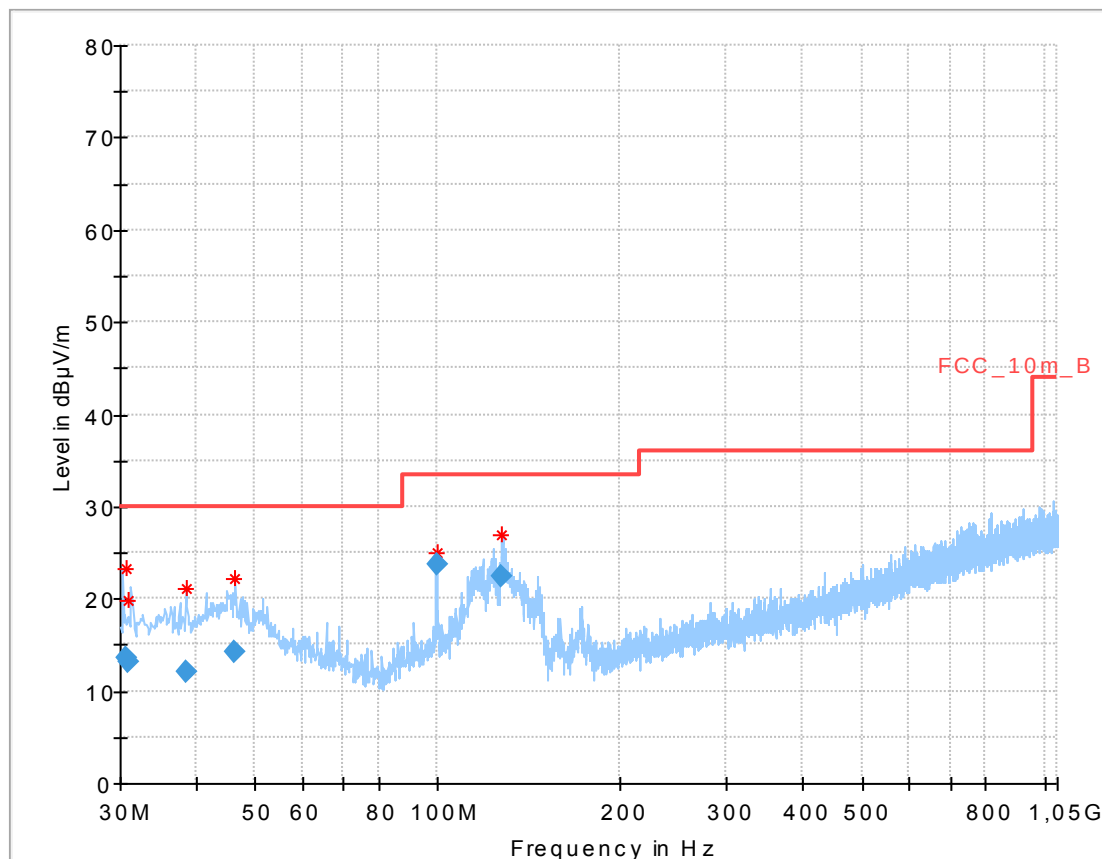
Plot 29: 18 GHz to 26 GHz, 5600 MHz, vertical & horizontal polarization**Plot 30:** 26 GHz to 40 GHz, 5600 MHz, vertical & horizontal polarization

Plot 31: 30 MHz to 1 GHz, 5700 MHz, vertical & horizontal polarization

Final_Result:

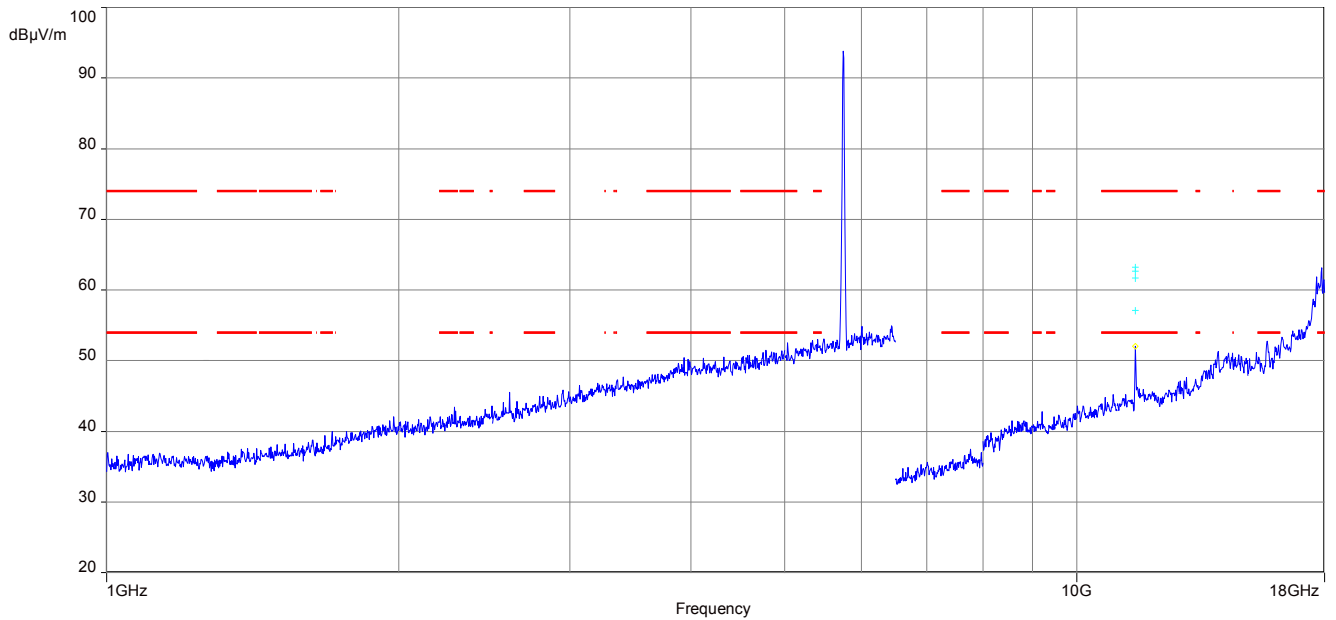
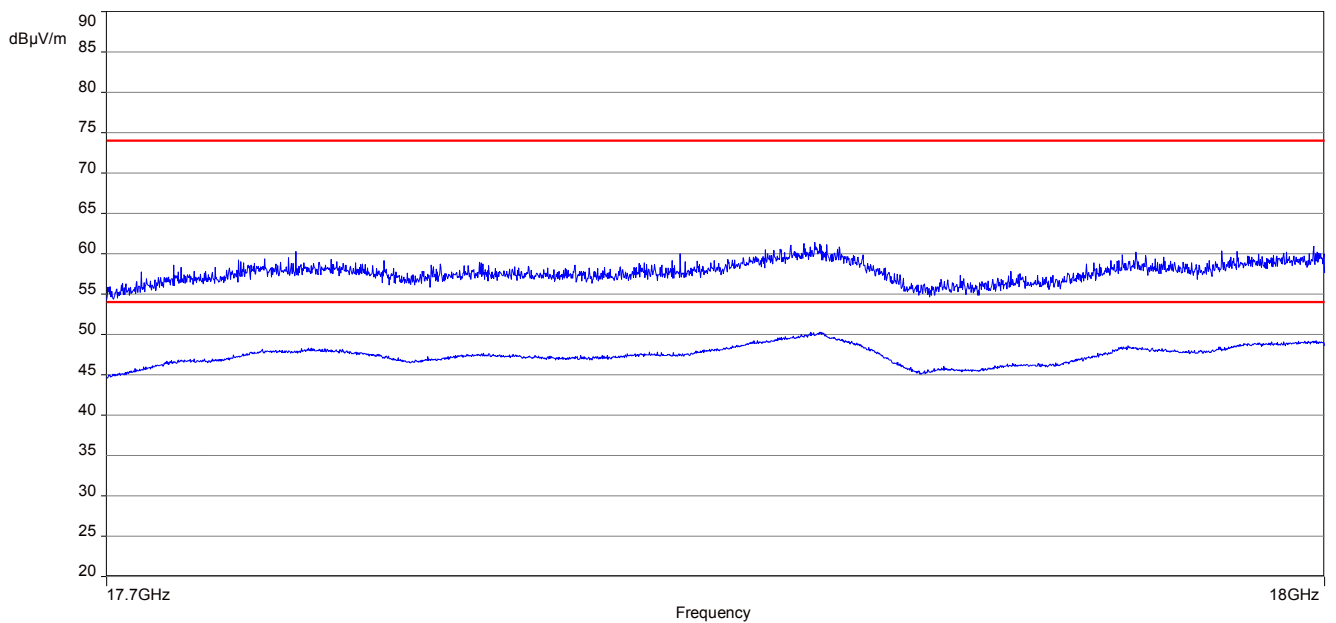
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.702450	12.01	30.00	17.99	1000.0	120.000	170.0	V	81.0	13.9
44.507400	15.07	30.00	14.93	1000.0	120.000	101.0	V	190.0	13.9
99.584400	26.06	33.50	7.44	1000.0	120.000	101.0	V	190.0	12.1
122.655300	21.29	33.50	12.21	1000.0	120.000	98.0	V	10.0	9.9
131.277900	20.50	33.50	13.00	1000.0	120.000	98.0	V	81.0	9.3
868.790850	21.26	36.00	14.74	1000.0	120.000	98.0	V	190.0	23.7

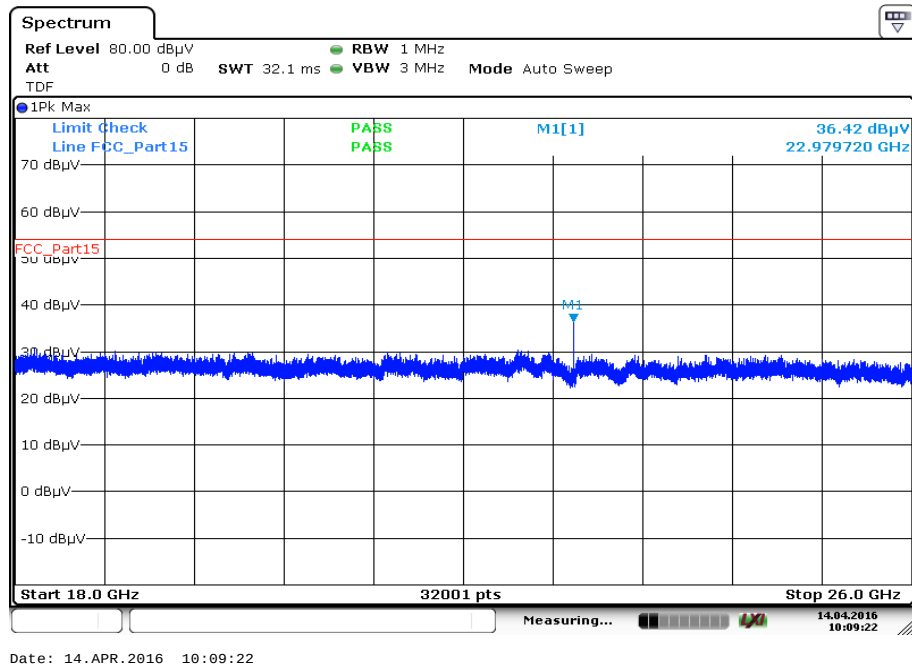
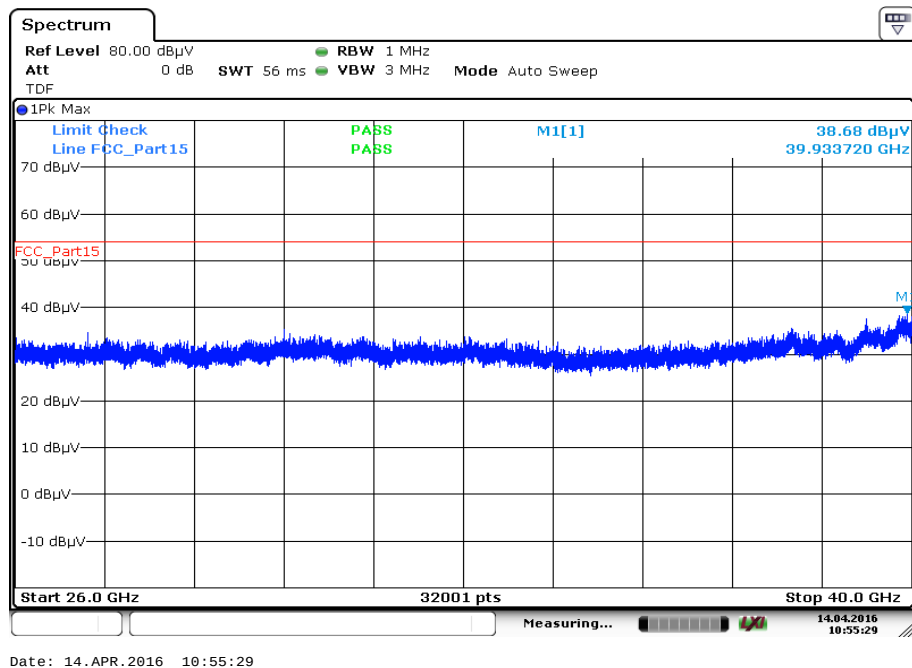
Plot 32: 1 GHz to 18 GHz, 5700 MHz, vertical & horizontal polarization**Plot 33:** 17.7 GHz to 18 GHz, 5700 MHz, vertical & horizontal polarization

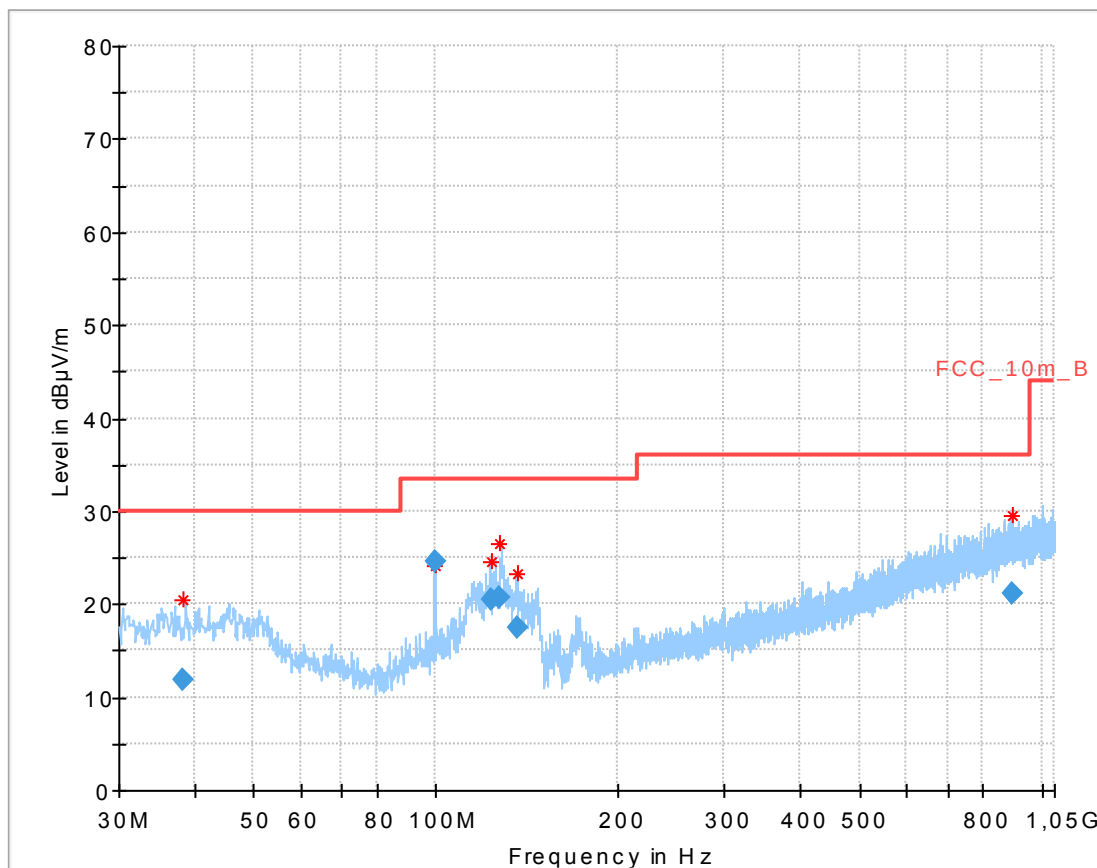
Plot 34: 18 GHz to 26 GHz, 5700 MHz, vertical & horizontal polarization**Plot 35:** 26 GHz to 40 GHz, 5700 MHz, vertical & horizontal polarization

Plot 36: 30 MHz to 1 GHz, 5745 MHz, vertical & horizontal polarization

Final_Result:

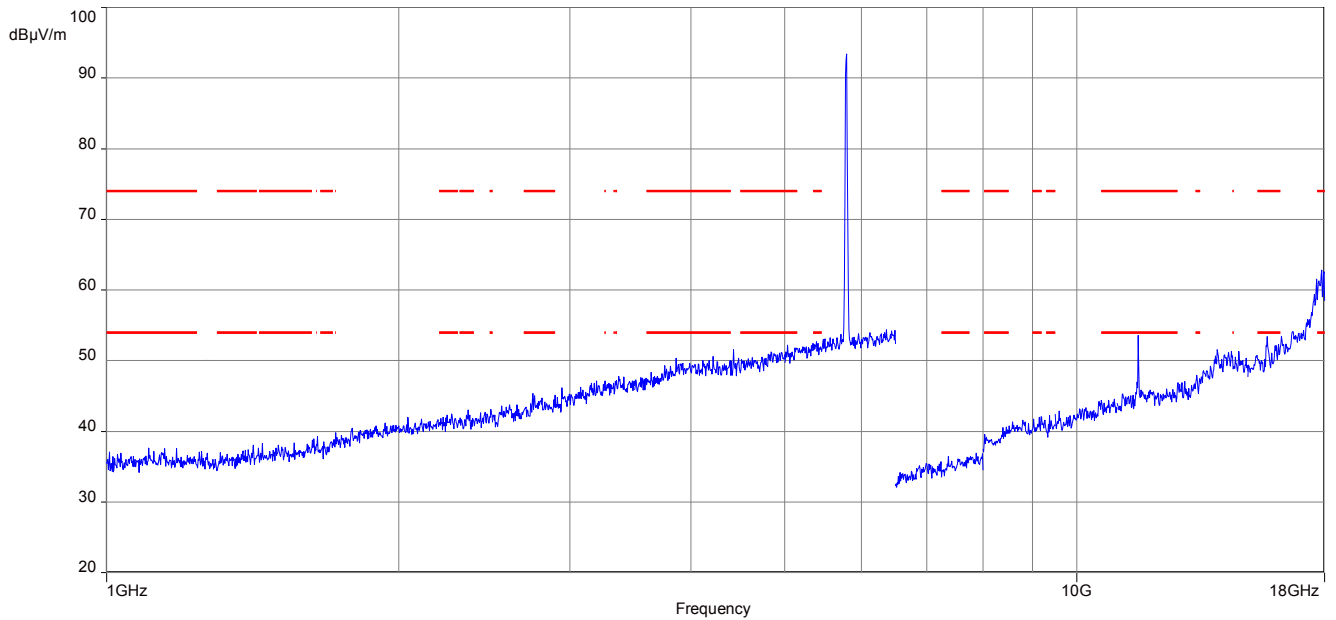
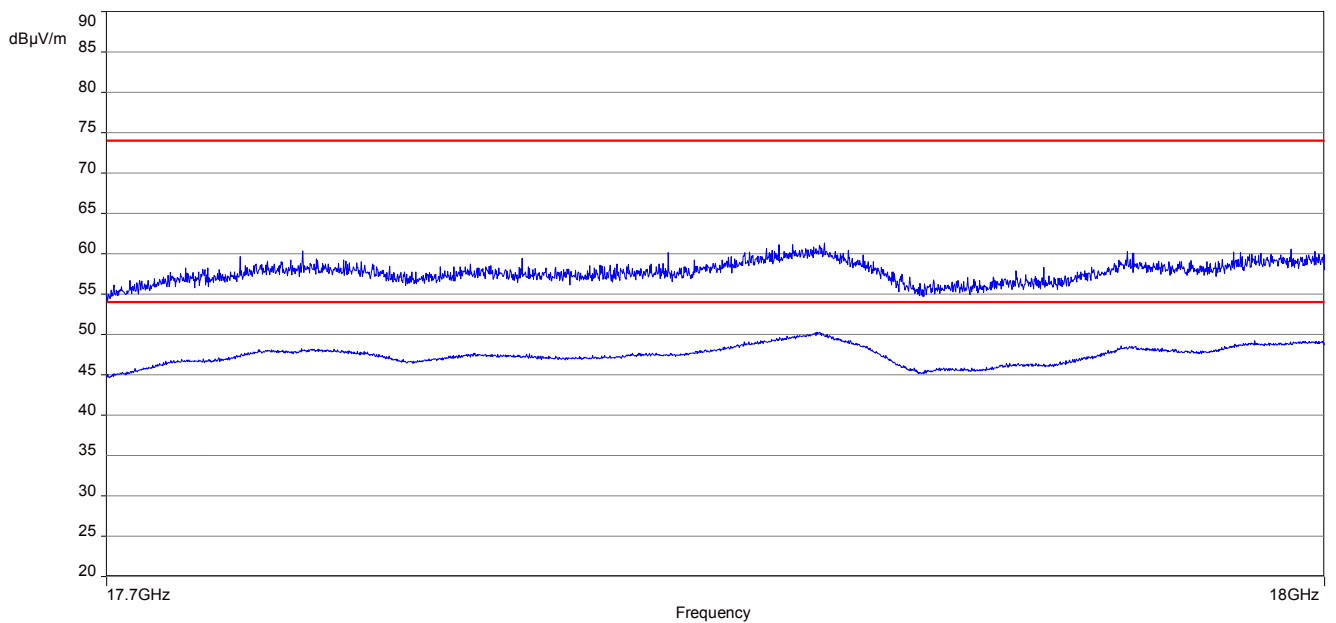
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.807654	13.65	30.00	16.35	1000.0	120.000	98.0	V	80.0	13.4
30.926250	13.12	30.00	16.88	1000.0	120.000	101.0	V	261.0	13.4
38.465850	11.98	30.00	18.02	1000.0	120.000	98.0	V	10.0	14.0
46.306500	14.30	30.00	15.70	1000.0	120.000	101.0	V	280.0	13.5
99.578850	23.64	33.50	9.86	1000.0	120.000	98.0	V	190.0	12.1
127.454850	22.45	33.50	11.05	1000.0	120.000	98.0	V	10.0	9.6

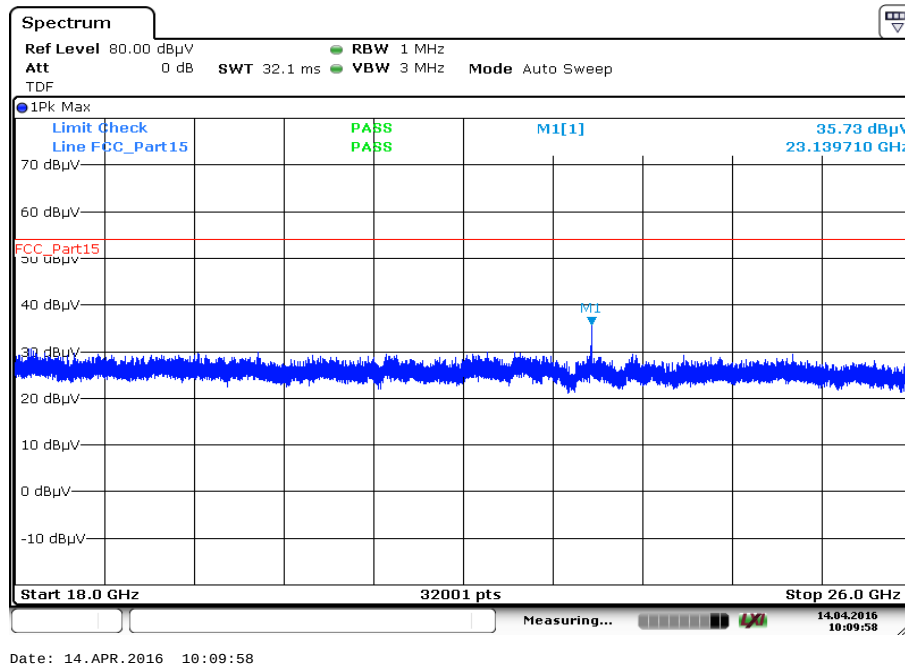
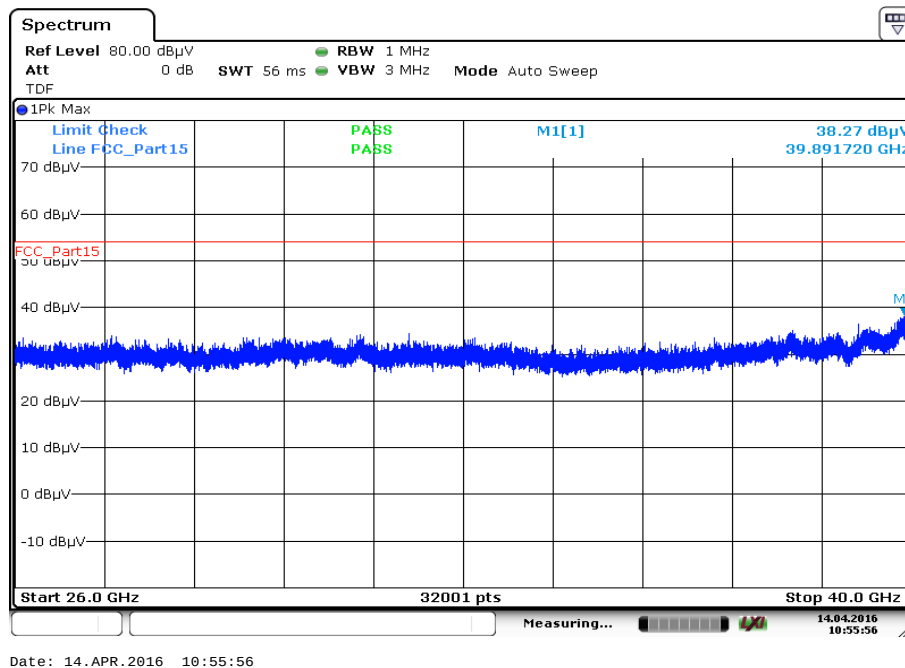
Plot 37: 1 GHz to 18 GHz, 5745 MHz, vertical & horizontal polarization**Plot 38:** 17.7 GHz to 18 GHz, 5745 MHz, vertical & horizontal polarization

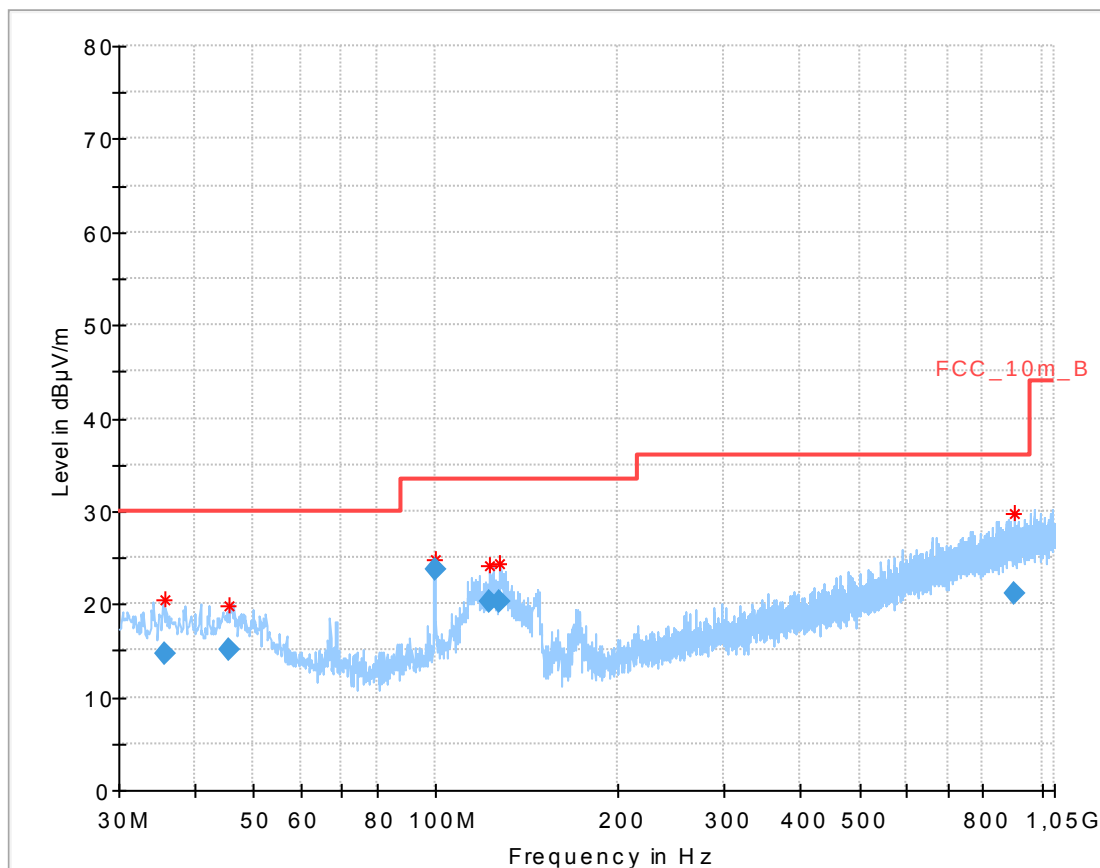
Plot 39: 18 GHz to 26 GHz, 5745 MHz, vertical & horizontal polarization**Plot 40:** 26 GHz to 40 GHz, 5745 MHz, vertical & horizontal polarization

Plot 41: 30 MHz to 1 GHz, 5785 MHz, vertical & horizontal polarization**Final_Result:**

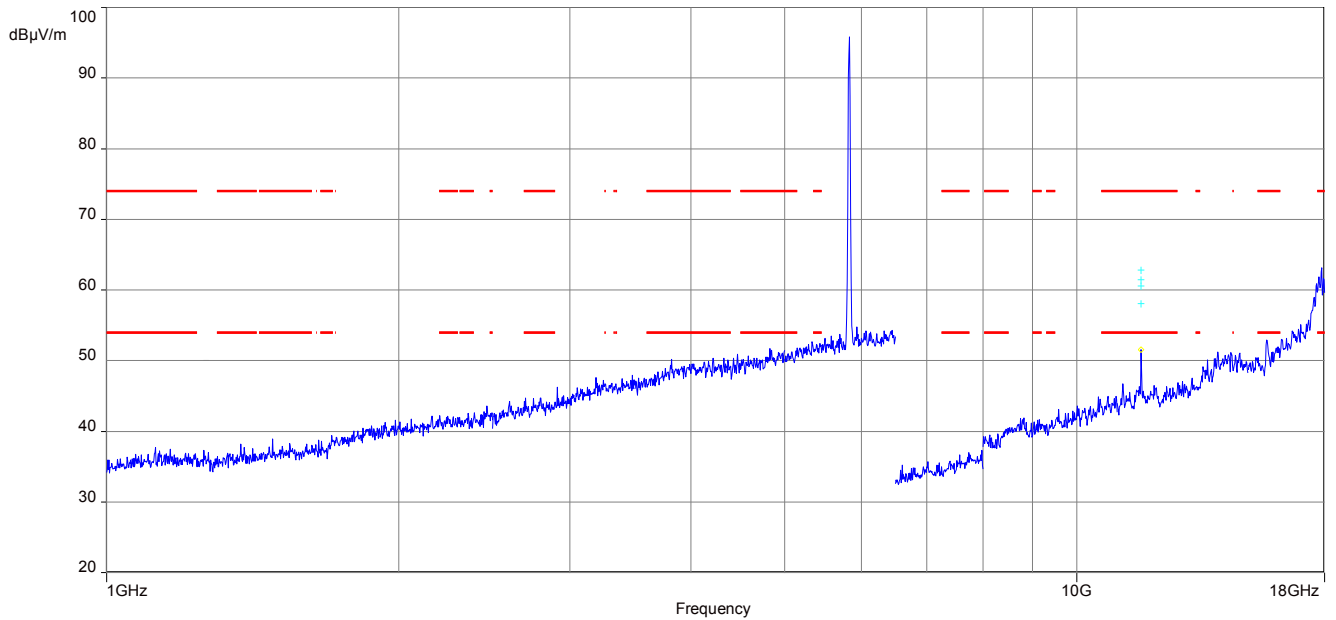
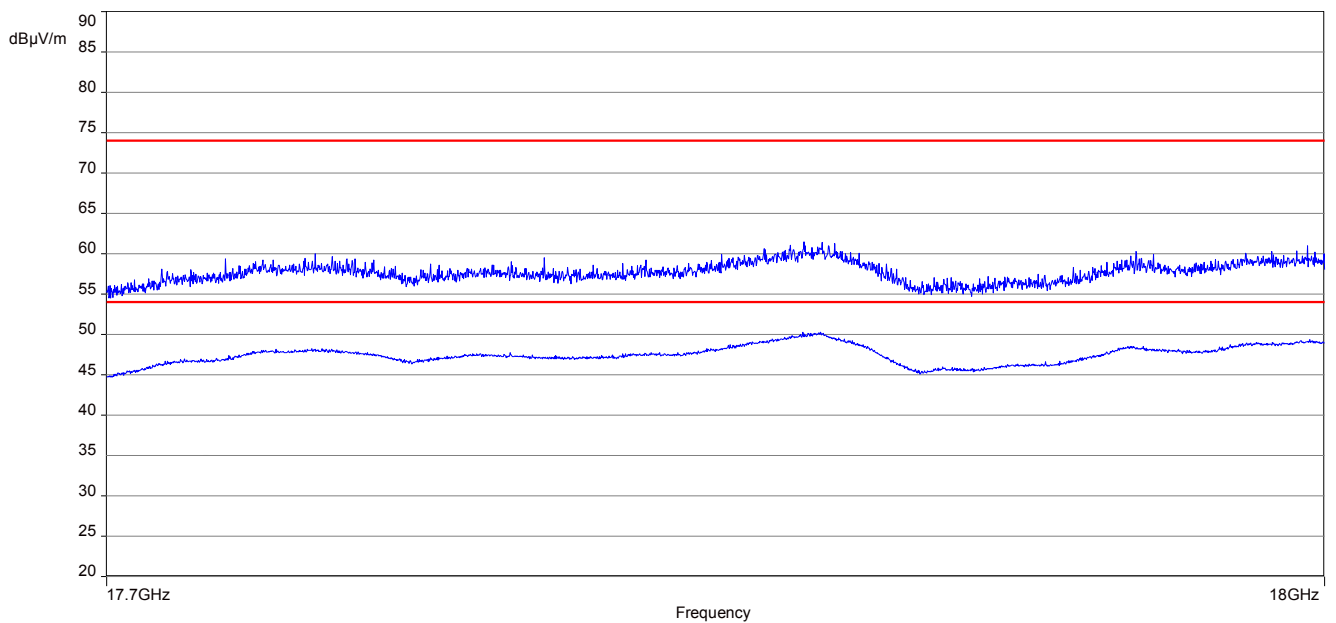
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
38.395200	11.81	30.00	18.19	1000.0	120.000	101.0	V	261.0	14.0
99.597900	24.48	33.50	9.02	1000.0	120.000	98.0	V	261.0	12.1
123.373500	20.38	33.50	13.12	1000.0	120.000	98.0	V	10.0	9.9
127.762950	20.79	33.50	12.71	1000.0	120.000	98.0	V	-10.0	9.6
136.035750	17.57	33.50	15.93	1000.0	120.000	170.0	V	170.0	9.0
891.672750	21.21	36.00	14.79	1000.0	120.000	170.0	V	81.0	24.0

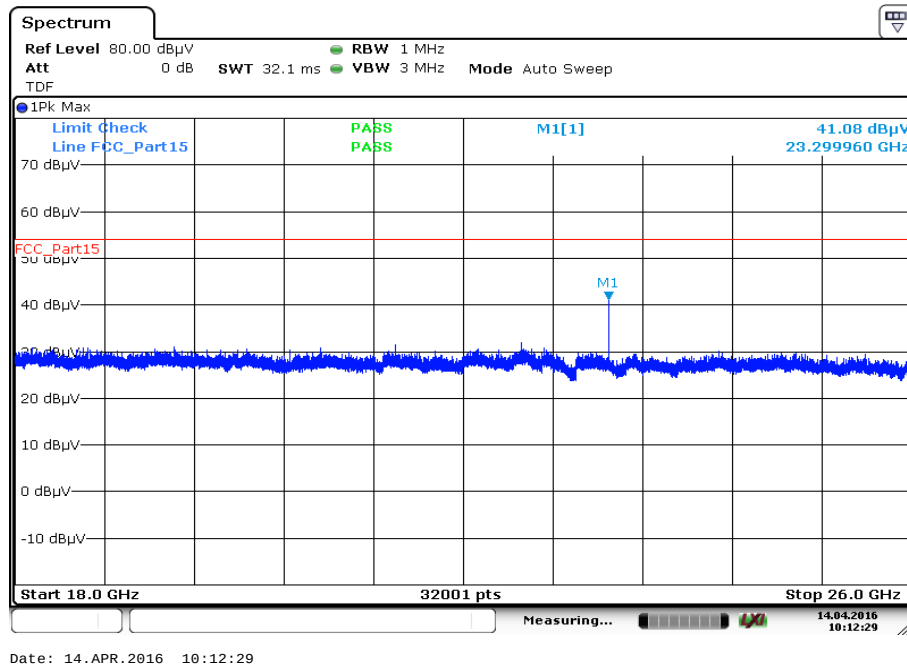
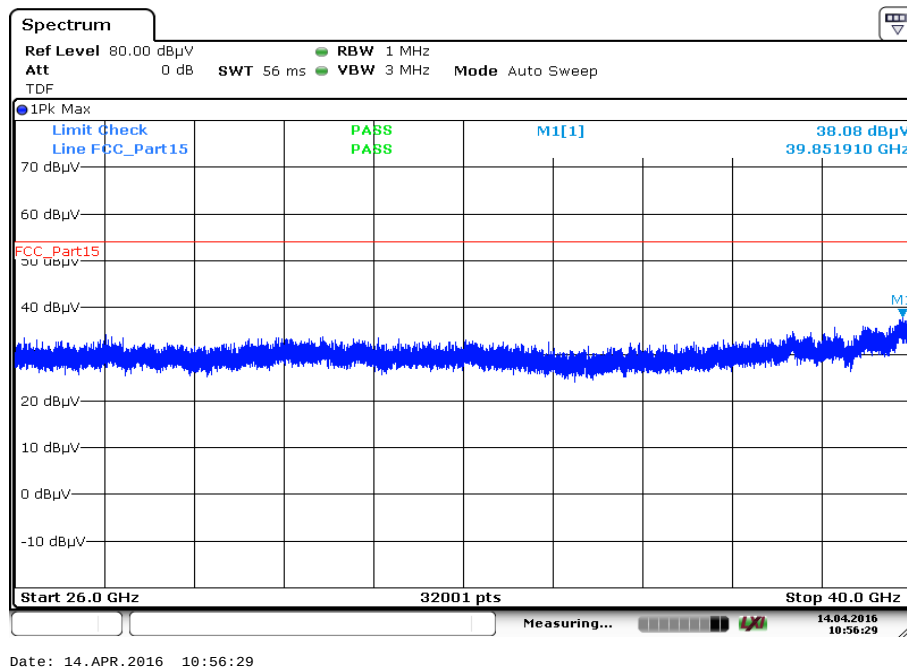
Plot 42: 1 GHz to 18 GHz, 5785 MHz, vertical & horizontal polarization**Plot 43:** 17.7 GHz to 18 GHz, 5785 MHz, vertical & horizontal polarization

Plot 44: 18 GHz to 26 GHz, 5785 MHz, vertical & horizontal polarization**Plot 45:** 26 GHz to 40 GHz, 5785 MHz, vertical & horizontal polarization

Plot 46: 30 MHz to 1 GHz, 5825 MHz, vertical & horizontal polarization**Final_Result:**

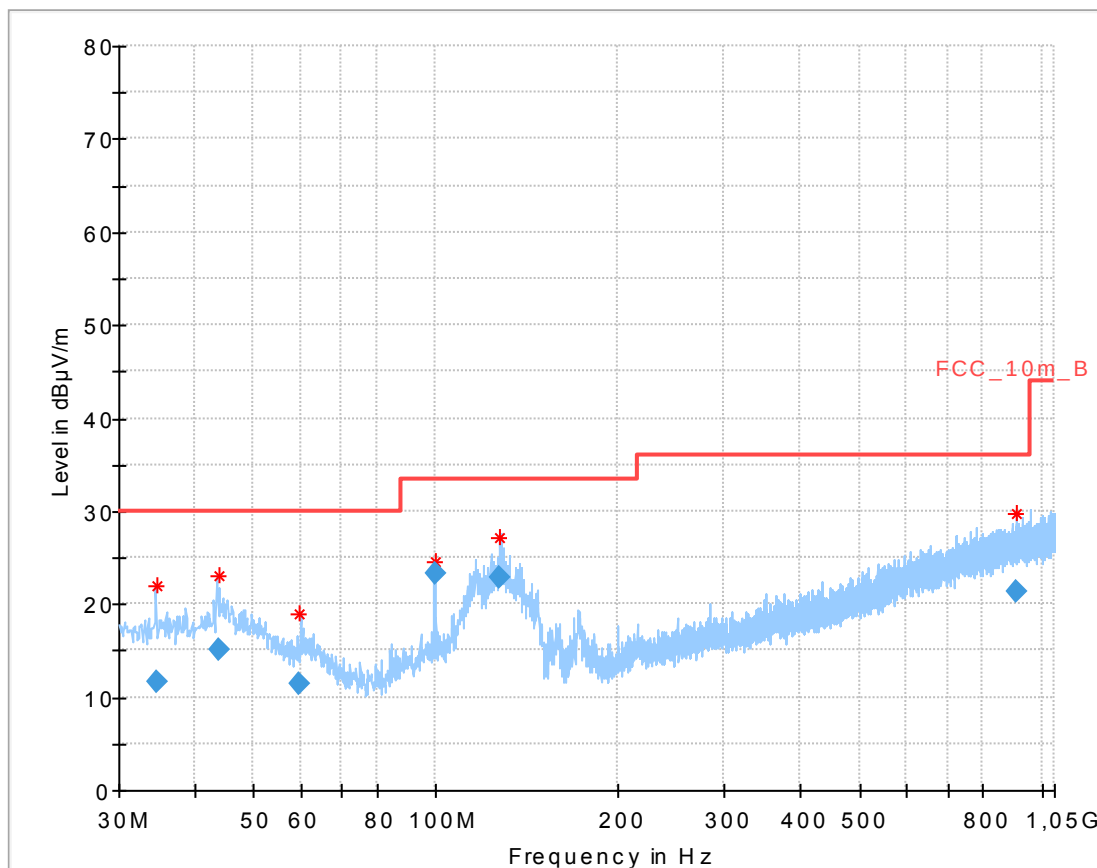
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.745150	14.57	30.00	15.43	1000.0	120.000	170.0	V	-10.0	13.8
45.679800	15.00	30.00	15.00	1000.0	120.000	101.0	V	100.0	13.7
99.777300	23.74	33.50	9.76	1000.0	120.000	98.0	V	190.0	12.1
122.778150	20.20	33.50	13.30	1000.0	120.000	98.0	V	-10.0	9.9
127.822650	20.36	33.50	13.14	1000.0	120.000	98.0	V	-10.0	9.6
903.786000	21.19	36.00	14.81	1000.0	120.000	170.0	H	100.0	24.1

Plot 47: 1 GHz to 18 GHz, 5825 MHz, vertical & horizontal polarization**Plot 48:** 17.7 GHz to 18 GHz, 5825 MHz, vertical & horizontal polarization

Plot 49: 18 GHz to 26 GHz, 5825 MHz, vertical & horizontal polarization**Plot 50:** 26 GHz to 40 GHz, 5825 MHz, vertical & horizontal polarization

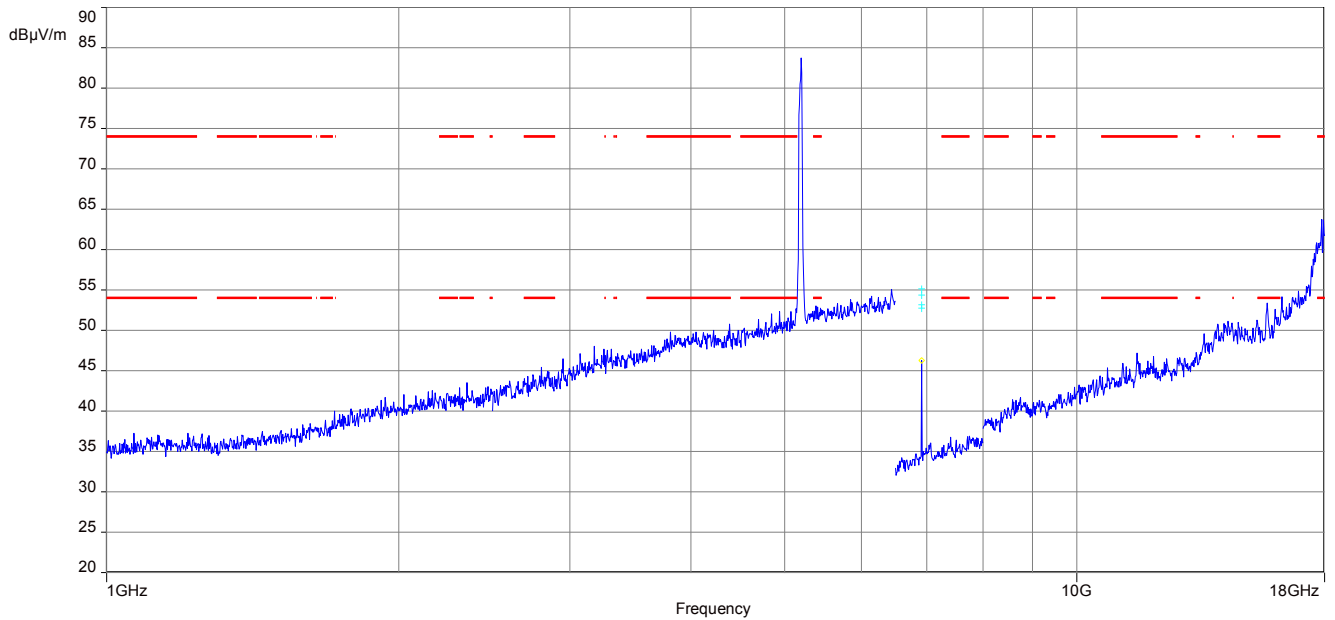
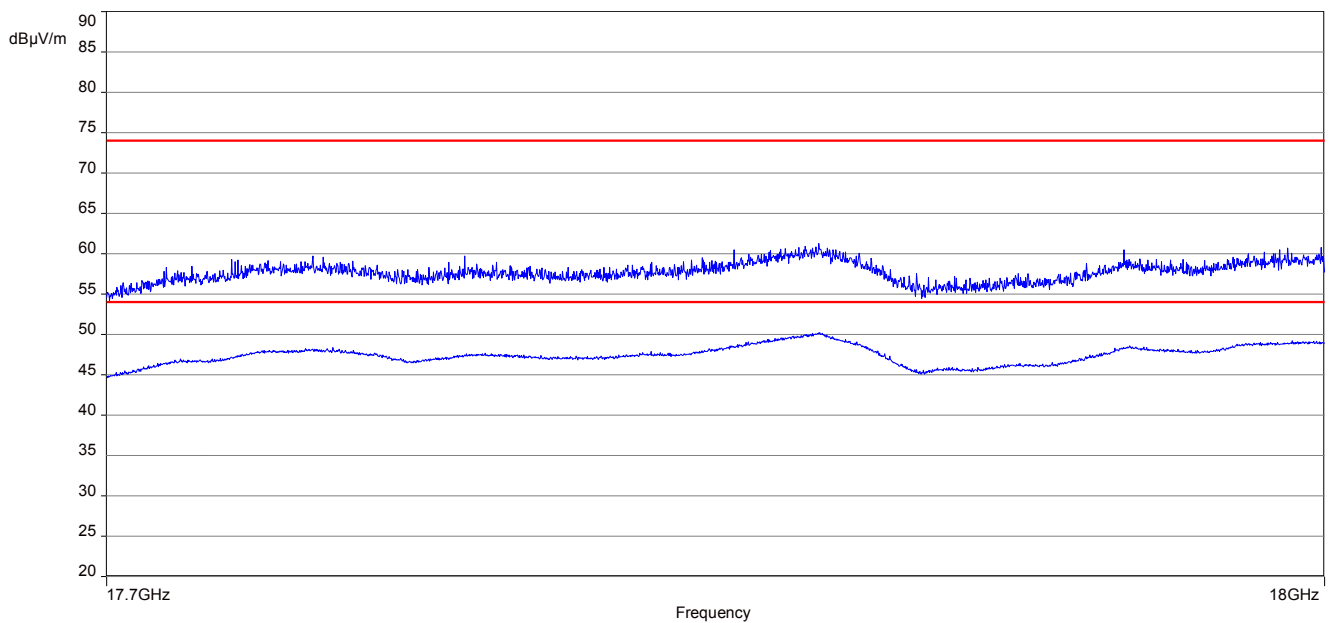
Plots: OFDM / n HT40 – mode

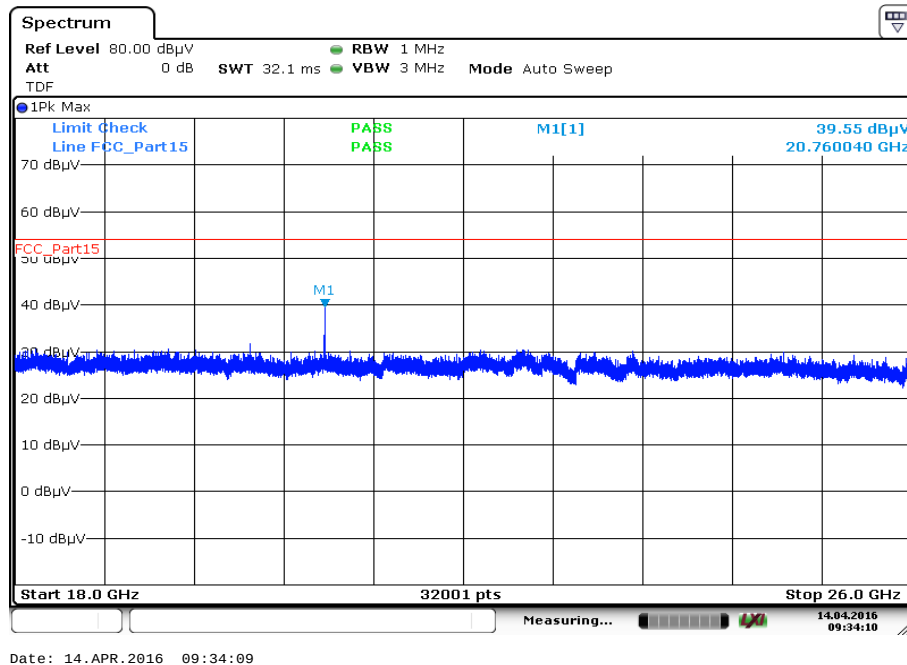
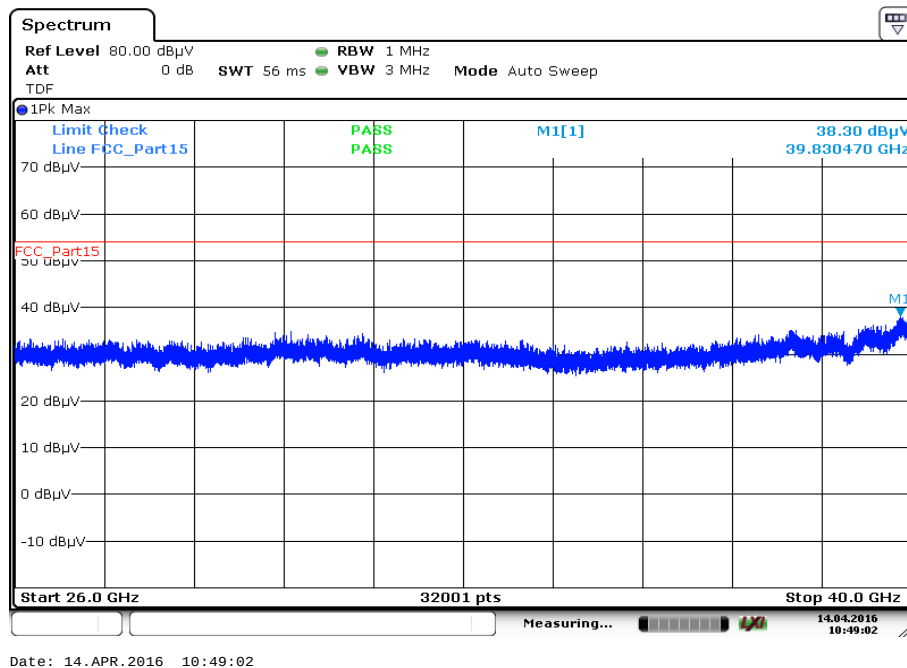
Plot 1: 30 MHz to 1 GHz, 5190 MHz, vertical & horizontal polarization

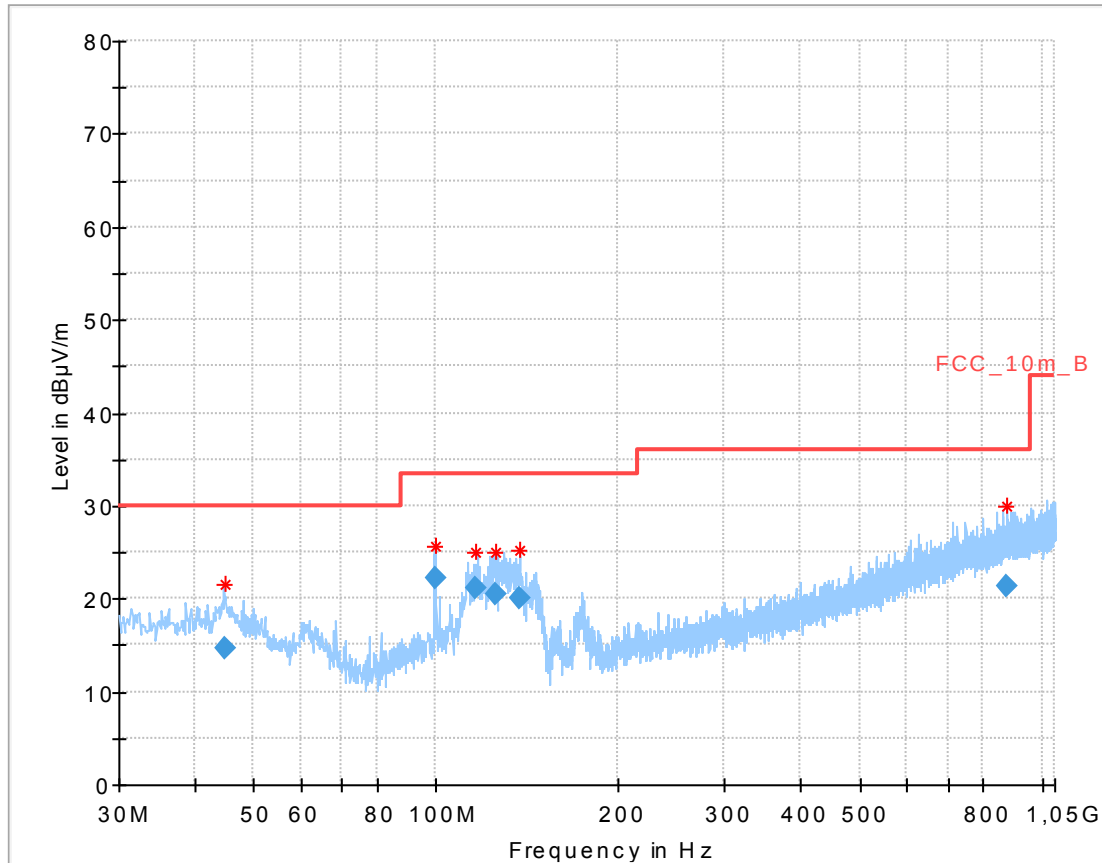


Final_Result:

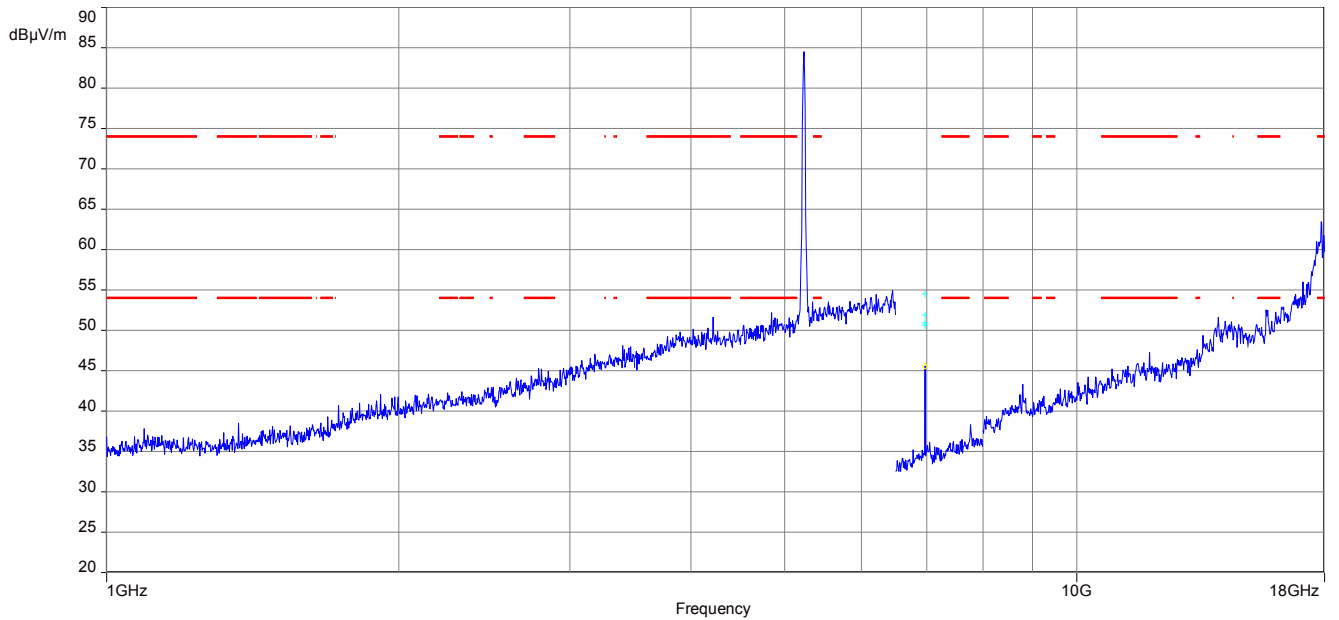
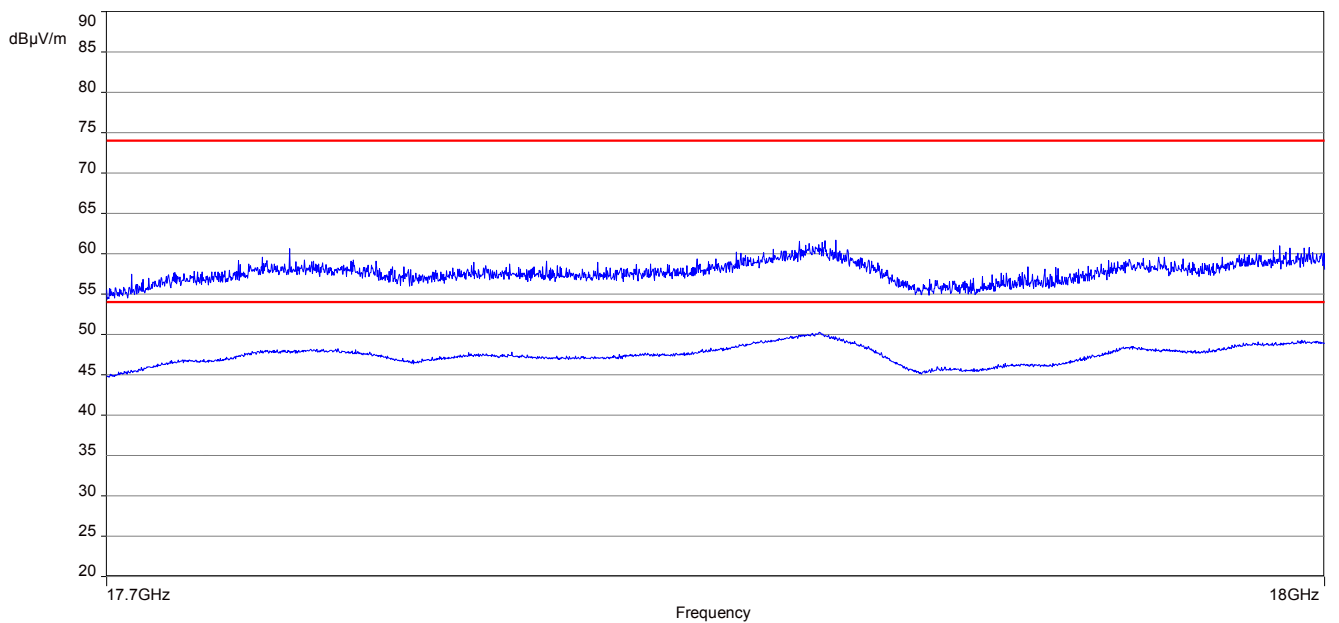
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
34.681200	11.59	30.00	18.41	1000.0	120.000	170.0	V	280.0	13.8
43.934550	15.03	30.00	14.97	1000.0	120.000	101.0	V	190.0	13.9
59.374350	11.53	30.00	18.47	1000.0	120.000	101.0	V	81.0	10.7
99.777600	23.21	33.50	10.29	1000.0	120.000	101.0	V	-9.0	12.1
127.677750	22.88	33.50	10.62	1000.0	120.000	98.0	V	10.0	9.6
909.591600	21.28	36.00	14.72	1000.0	120.000	101.0	H	171.0	24.1

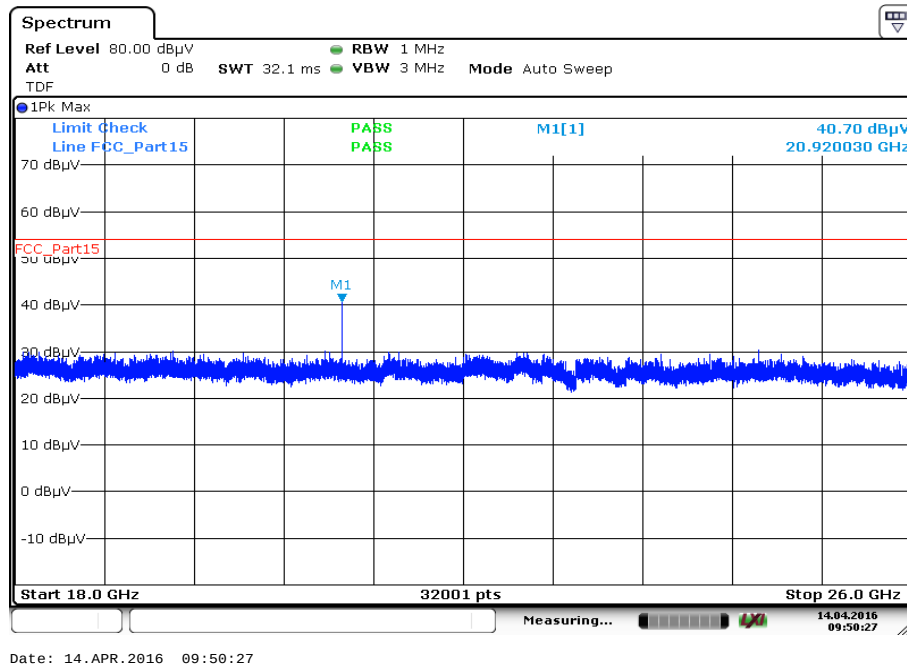
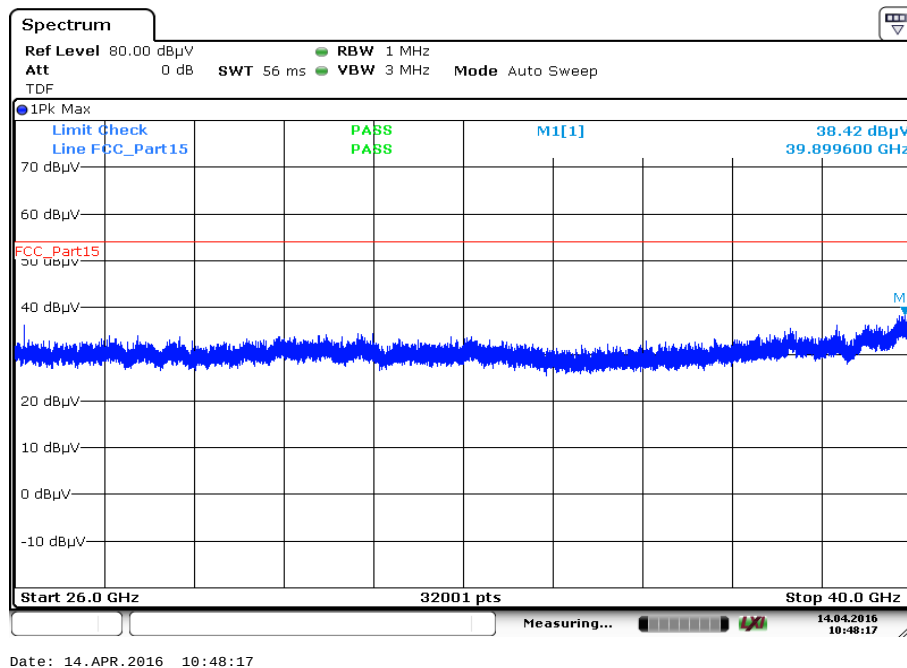
Plot 2: 1 GHz to 18 GHz, 5190 MHz, vertical & horizontal polarization**Plot 3:** 17.7 GHz to 18 GHz, 5190 MHz, vertical & horizontal polarization

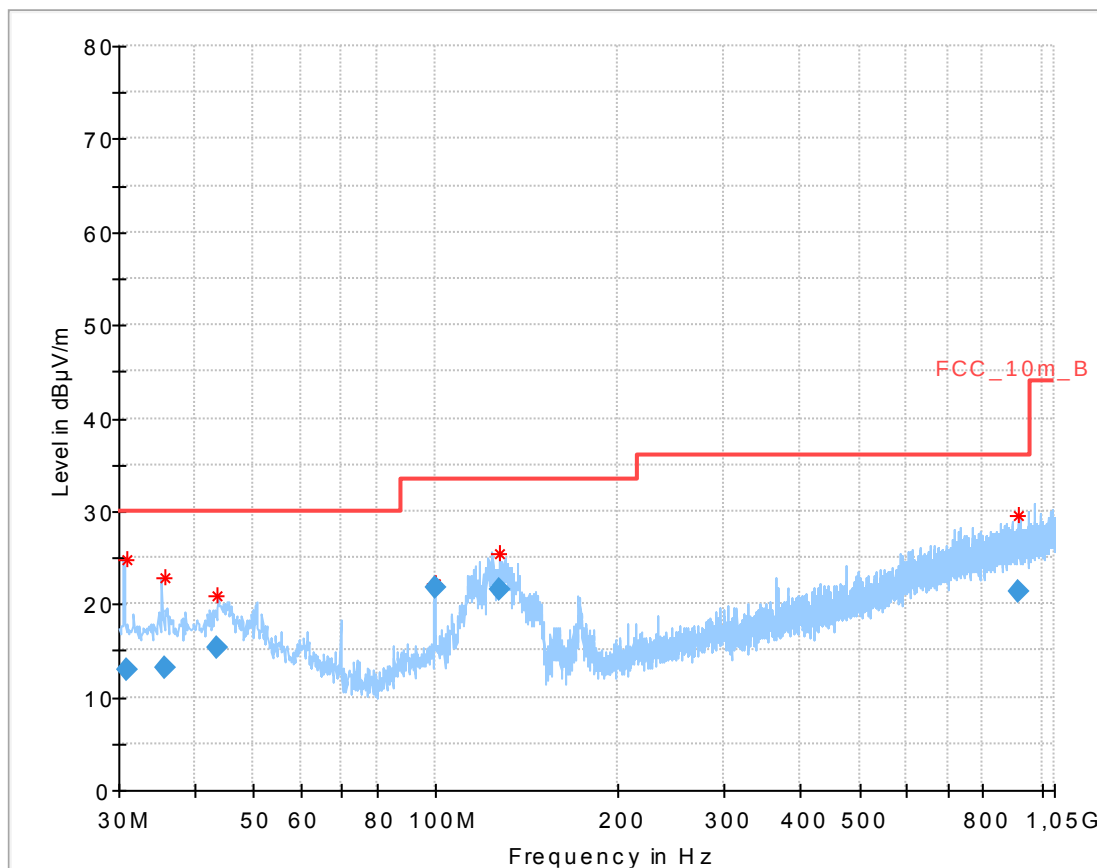
Plot 4: 18 GHz to 26 GHz, 5190 MHz, vertical & horizontal polarization**Plot 5:** 26 GHz to 40 GHz, 5190 MHz, vertical & horizontal polarization

Plot 6: 30 MHz to 1 GHz, 5230 MHz, vertical & horizontal polarization

Final_Result:

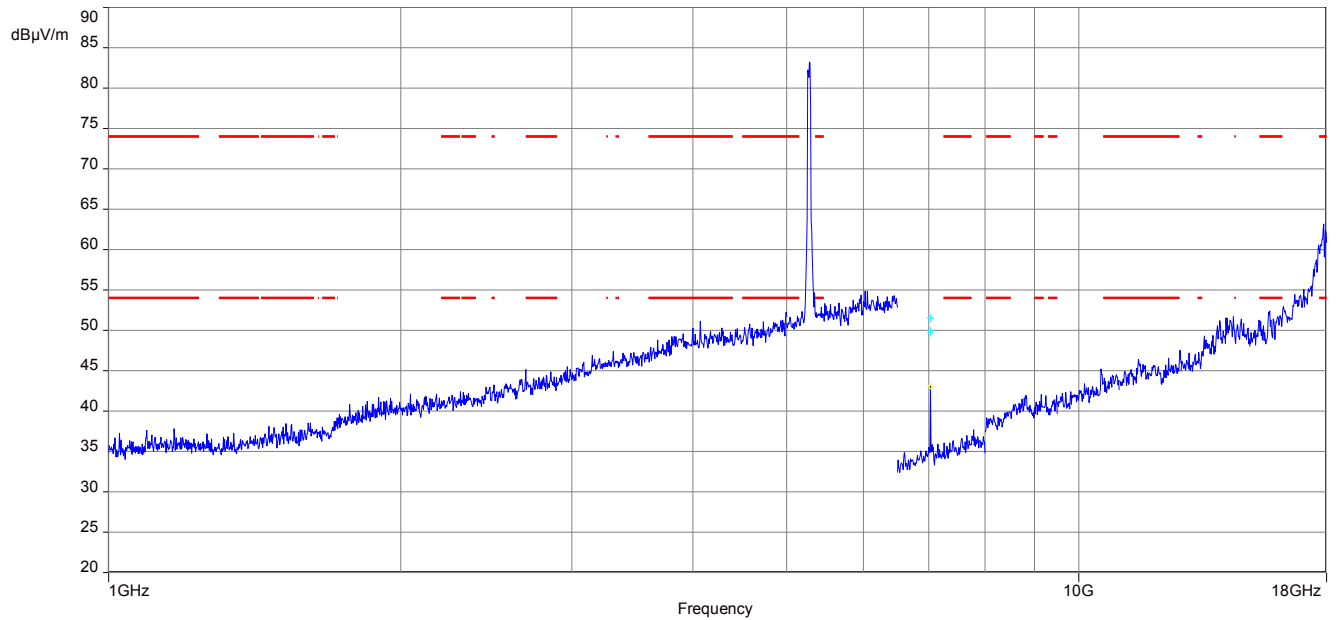
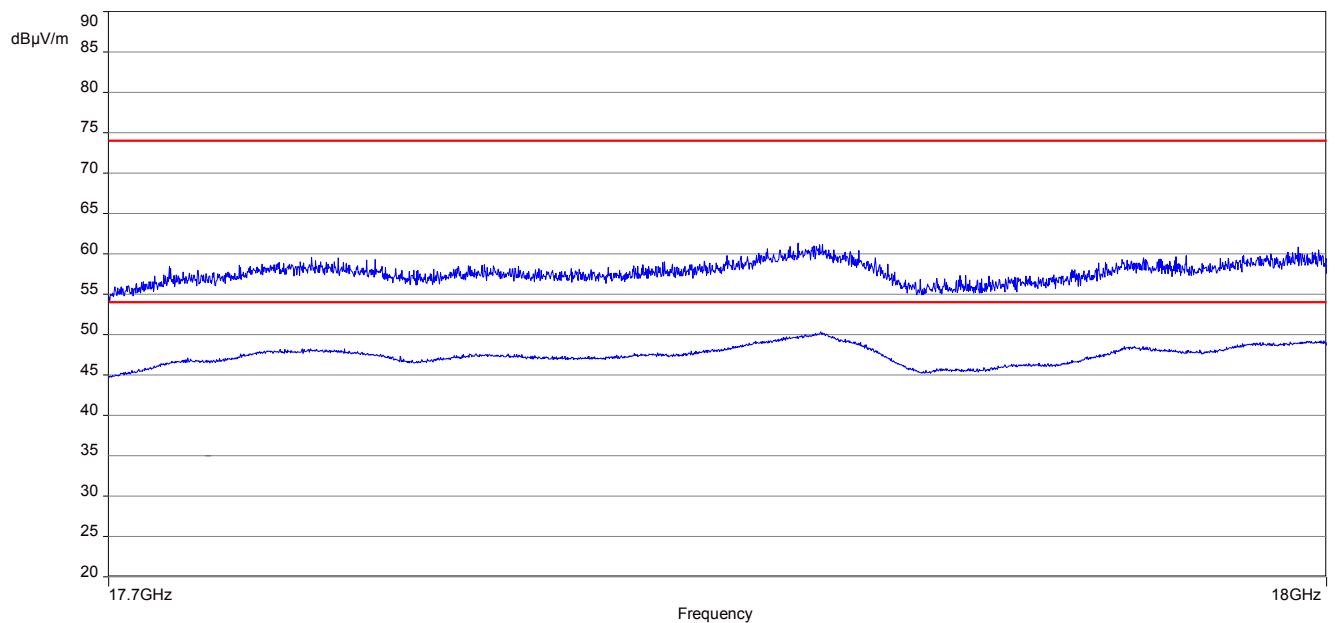
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
44.974800	14.57	30.00	15.43	1000.0	120.000	170.0	V	190.0	13.9
99.681150	22.11	33.50	11.39	1000.0	120.000	98.0	V	190.0	12.1
116.724300	21.12	33.50	12.38	1000.0	120.000	101.0	V	80.0	10.5
125.440050	20.46	33.50	13.04	1000.0	120.000	98.0	V	80.0	9.7
137.399850	20.00	33.50	13.50	1000.0	120.000	170.0	V	171.0	8.9
874.576500	21.31	36.00	14.69	1000.0	120.000	170.0	V	190.0	23.8

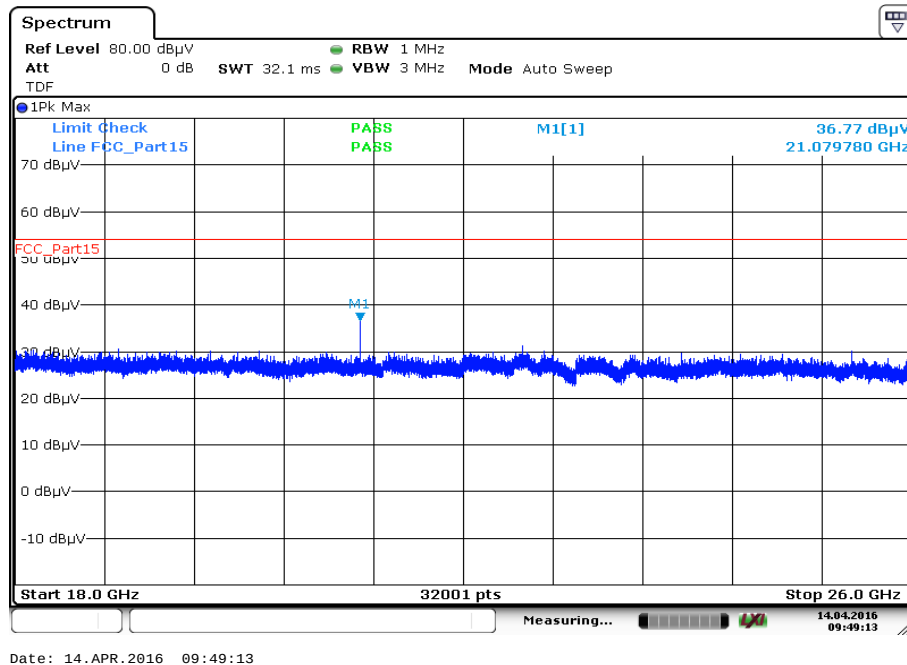
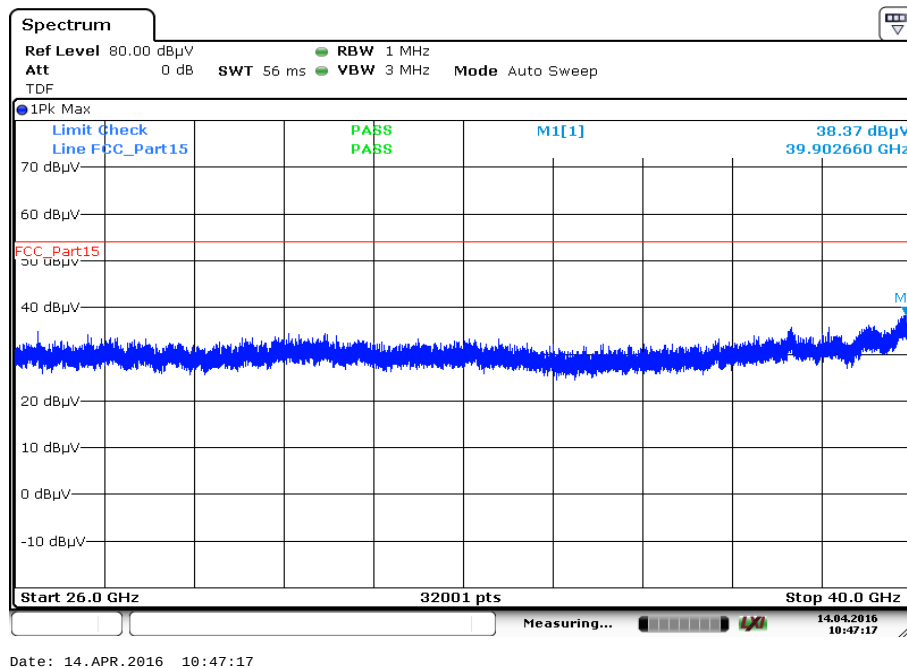
Plot 7: 1 GHz to 18 GHz, 5230 MHz, vertical & horizontal polarization**Plot 8:** 17.7 GHz to 18 GHz, 5230 MHz, vertical & horizontal polarization

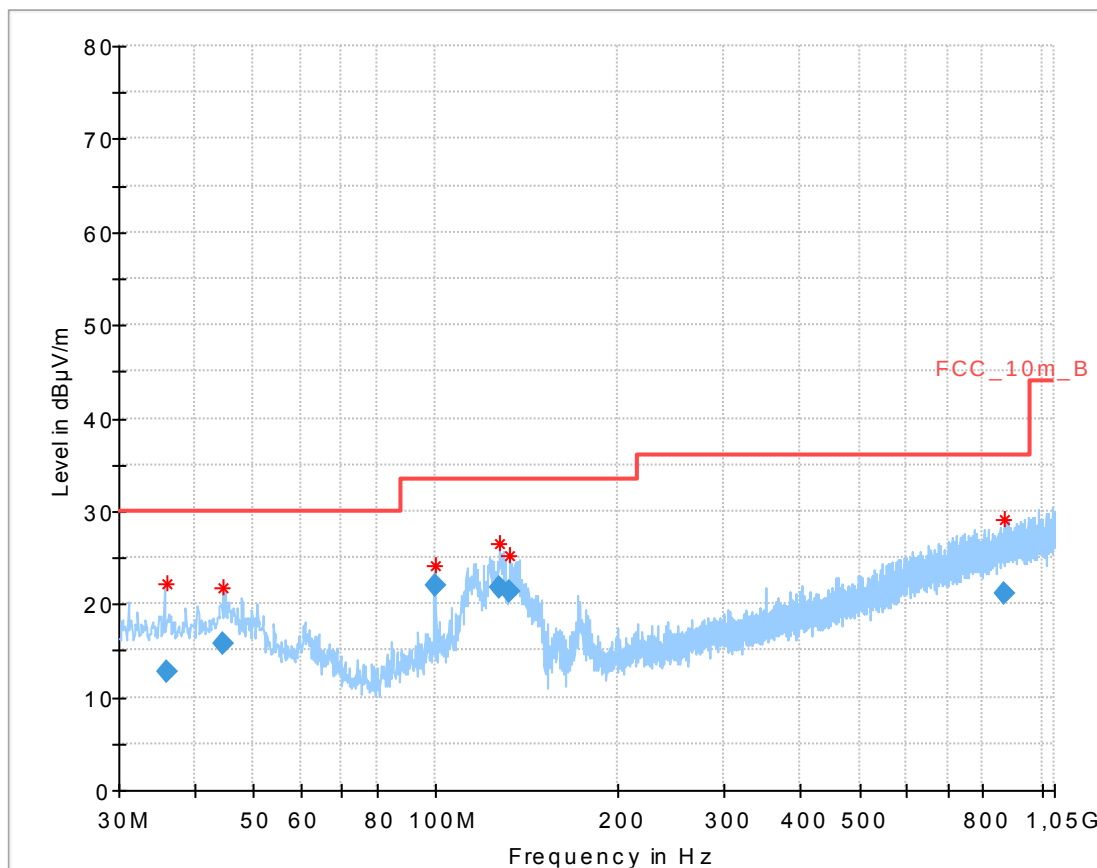
Plot 9: 18 GHz to 26 GHz, 5230 MHz, vertical & horizontal polarization**Plot 10:** 26 GHz to 40 GHz, 5230 MHz, vertical & horizontal polarization

Plot 11: 30 MHz to 1 GHz, 5270 MHz, vertical & horizontal polarization

Final_Result:

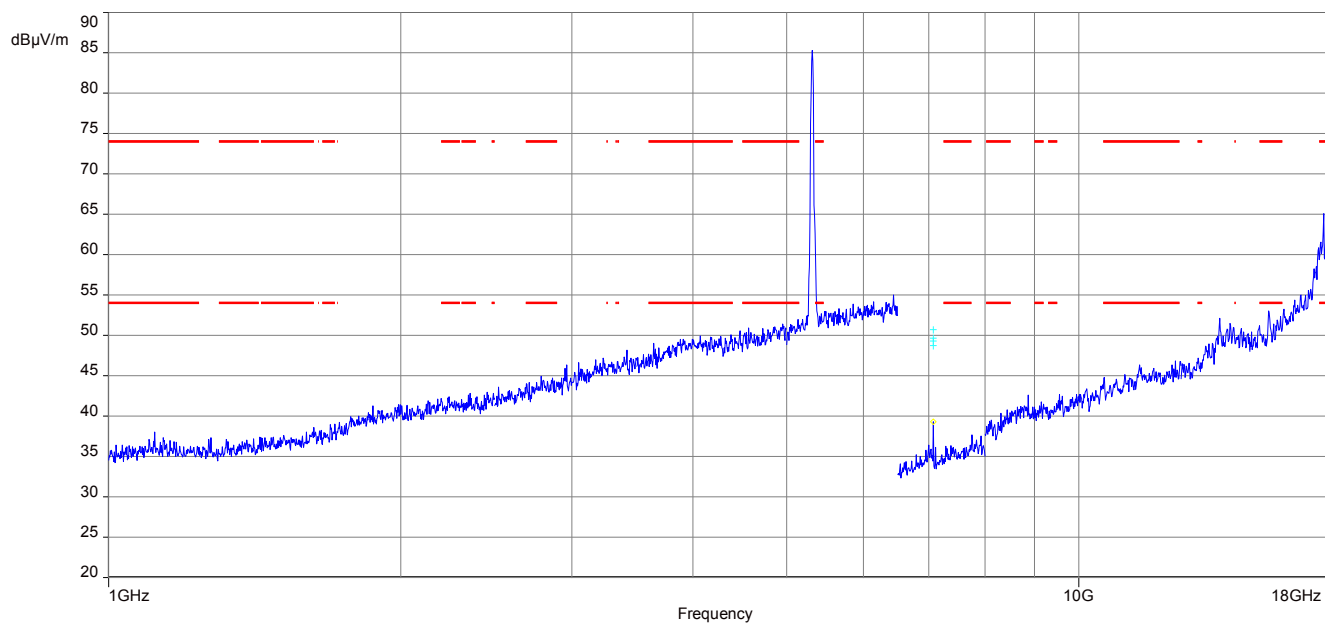
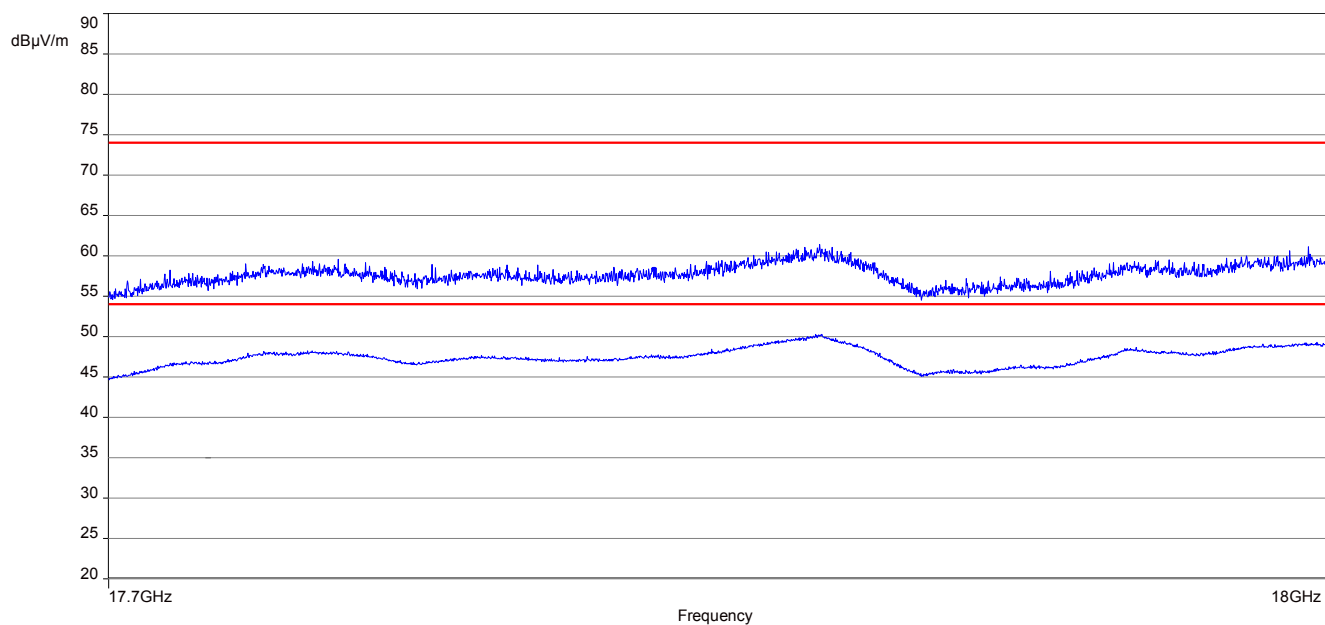
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.926295	12.90	30.00	17.10	1000.0	120.000	101.0	V	-10.0	13.4
35.742600	13.25	30.00	16.75	1000.0	120.000	170.0	V	280.0	13.8
43.656600	15.39	30.00	14.61	1000.0	120.000	101.0	V	190.0	13.9
99.592050	21.71	33.50	11.79	1000.0	120.000	101.0	V	171.0	12.1
127.327500	21.61	33.50	11.89	1000.0	120.000	98.0	V	10.0	9.6
918.687600	21.27	36.00	14.73	1000.0	120.000	101.0	V	100.0	24.2

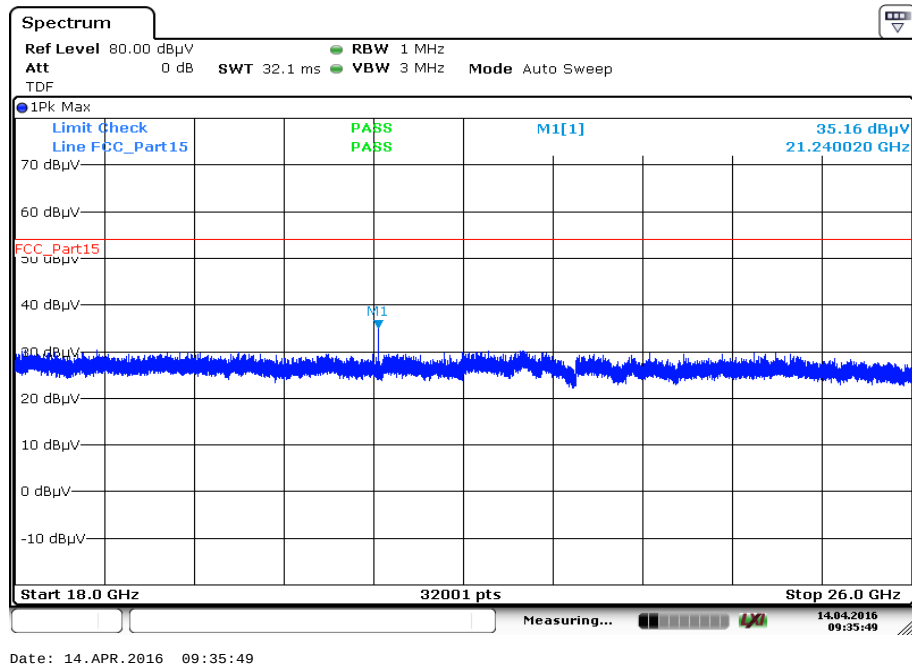
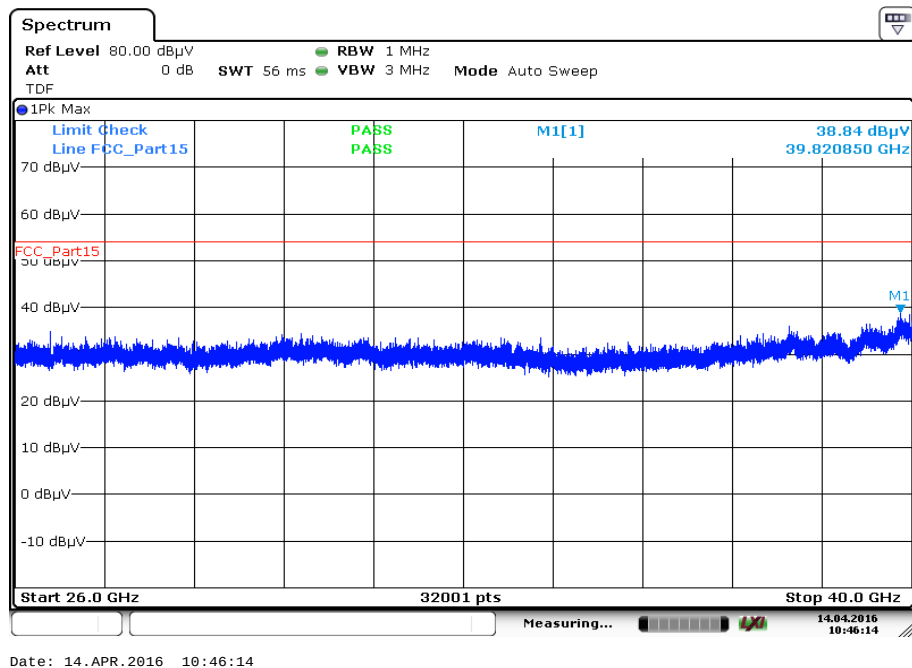
Plot 12: 1 GHz to 18 GHz, 5270 MHz, vertical & horizontal polarization**Plot 13:** 17.7 GHz to 18 GHz, 5270 MHz, vertical & horizontal polarization

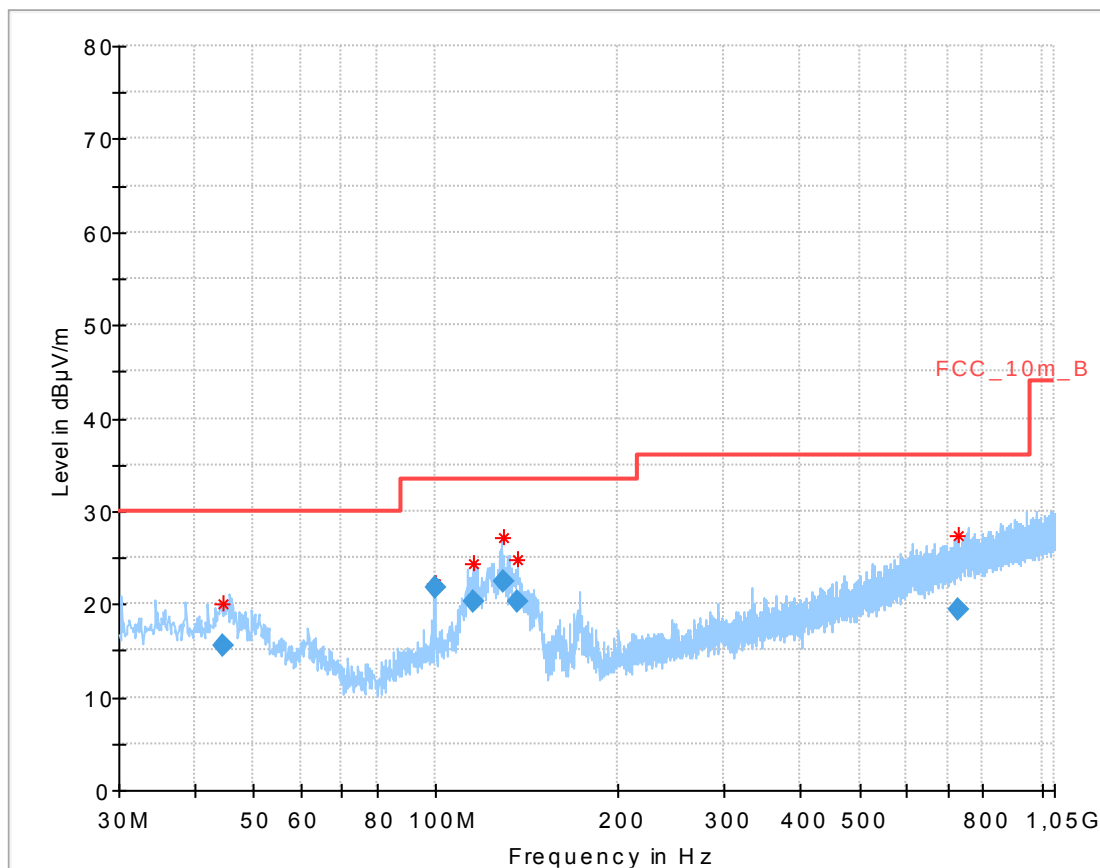
Plot 14: 18 GHz to 26 GHz, 5270 MHz, vertical & horizontal polarization**Plot 15:** 26 GHz to 40 GHz, 5270 MHz, vertical & horizontal polarization

Plot 16: 30 MHz to 1 GHz, 5310 MHz, vertical & horizontal polarization

Final_Result:

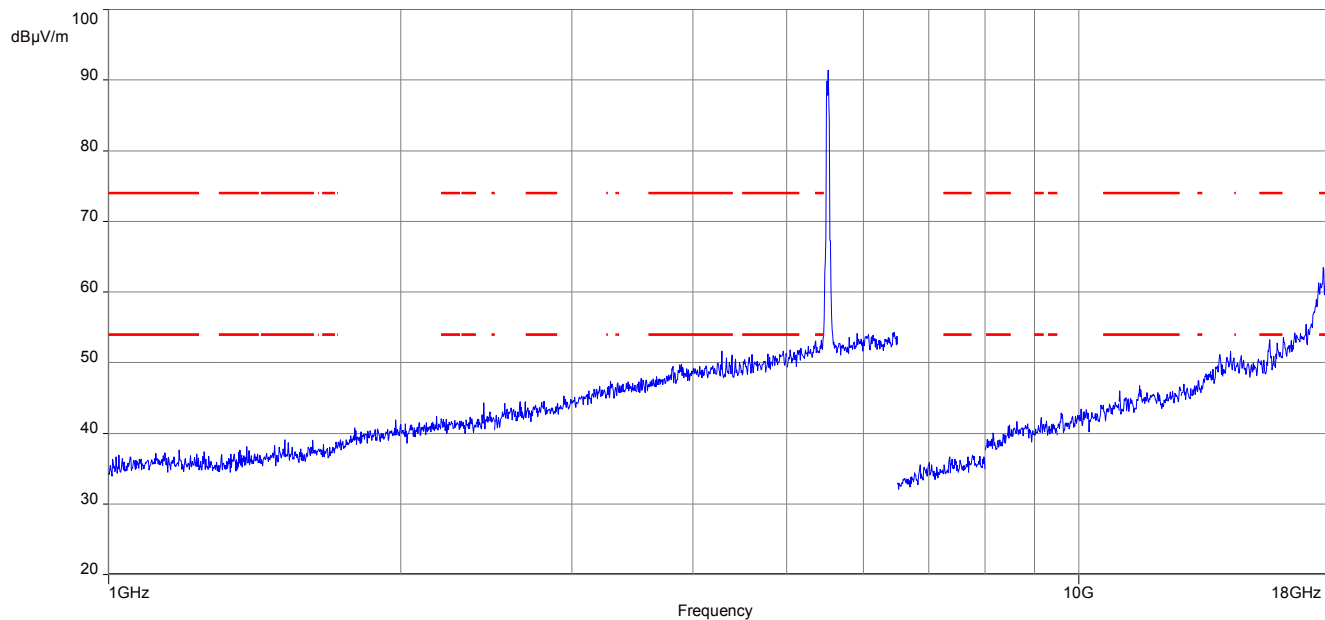
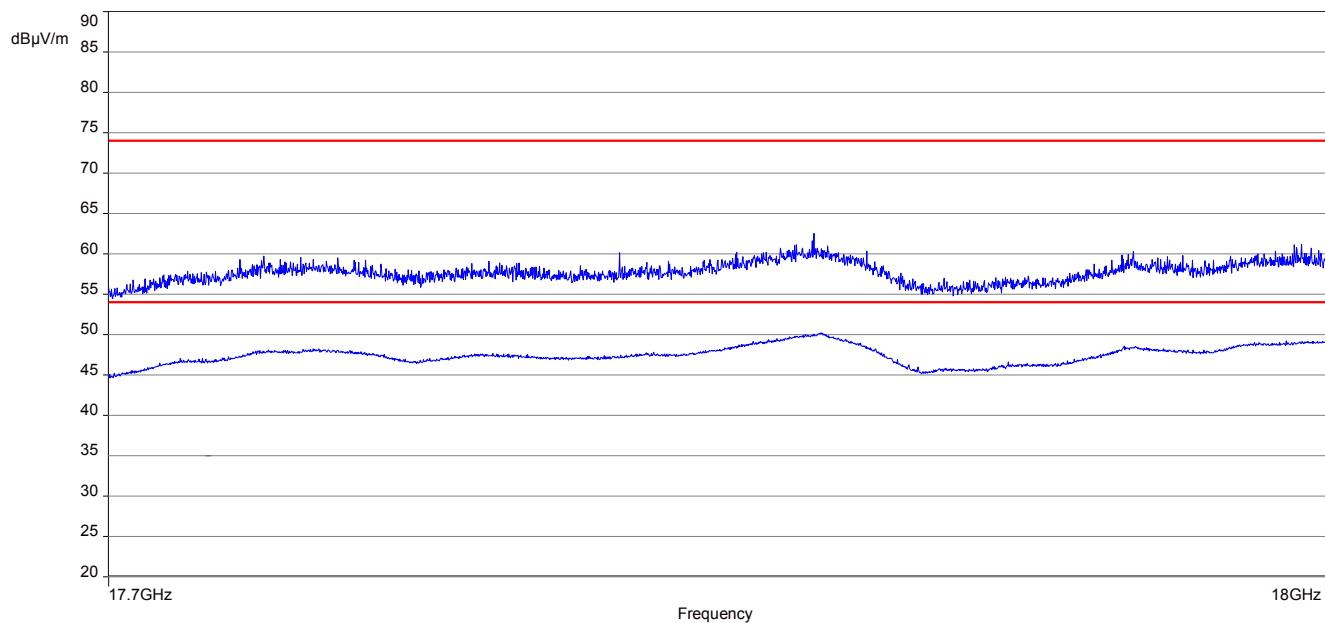
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.150750	12.79	30.00	17.21	1000.0	120.000	98.0	V	261.0	13.9
44.687100	15.67	30.00	14.33	1000.0	120.000	170.0	V	80.0	13.9
99.729900	22.06	33.50	11.44	1000.0	120.000	170.0	V	170.0	12.1
127.223100	21.85	33.50	11.65	1000.0	120.000	170.0	V	10.0	9.6
132.057000	21.25	33.50	12.25	1000.0	120.000	98.0	V	80.0	9.3
865.201200	21.07	36.00	14.93	1000.0	120.000	170.0	H	100.0	23.7

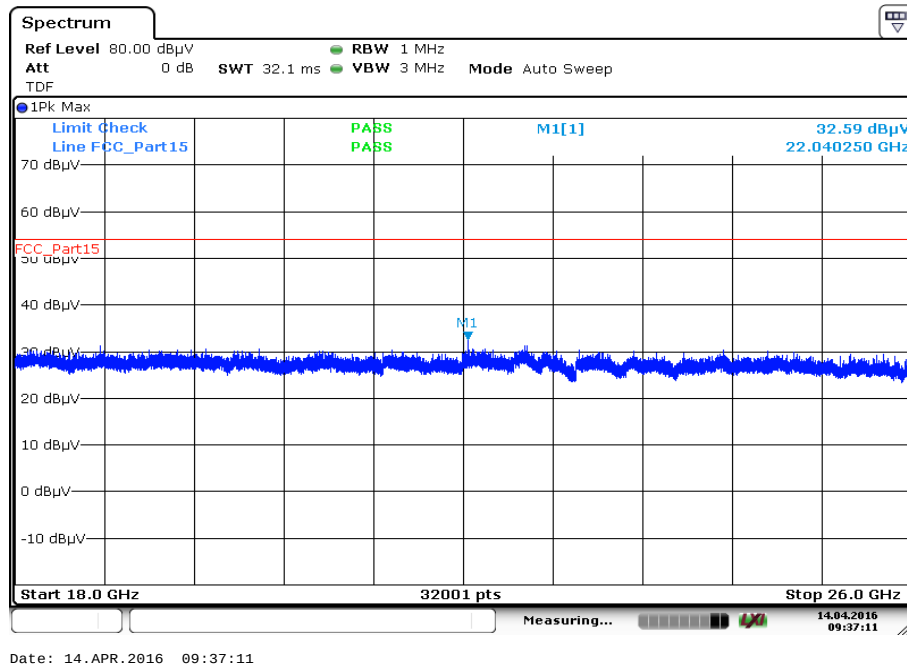
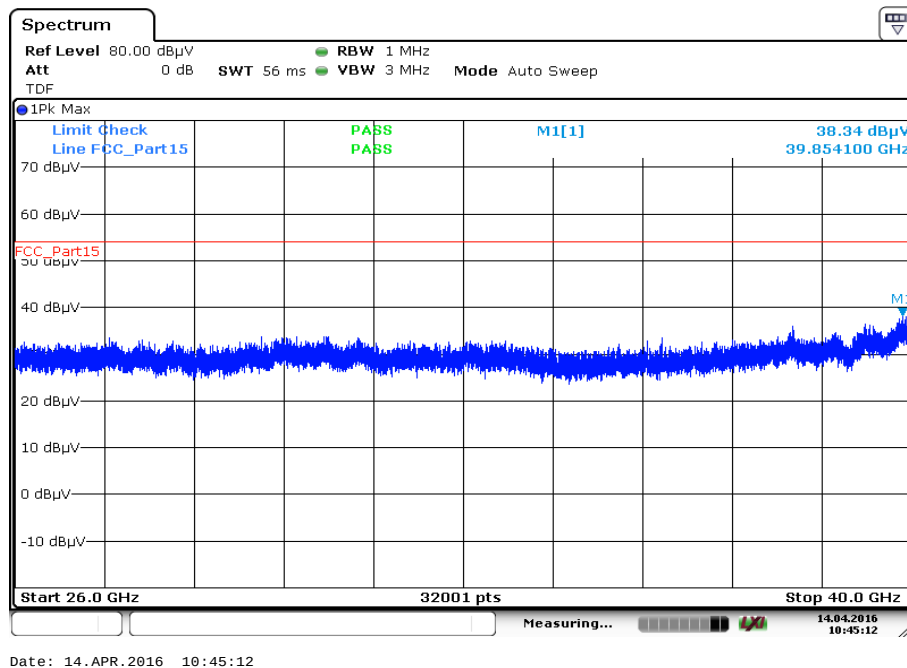
Plot 17: 1 GHz to 18 GHz, 5310 MHz, vertical & horizontal polarization**Plot 18:** 17.7 GHz to 18 GHz, 5310 MHz, vertical & horizontal polarization

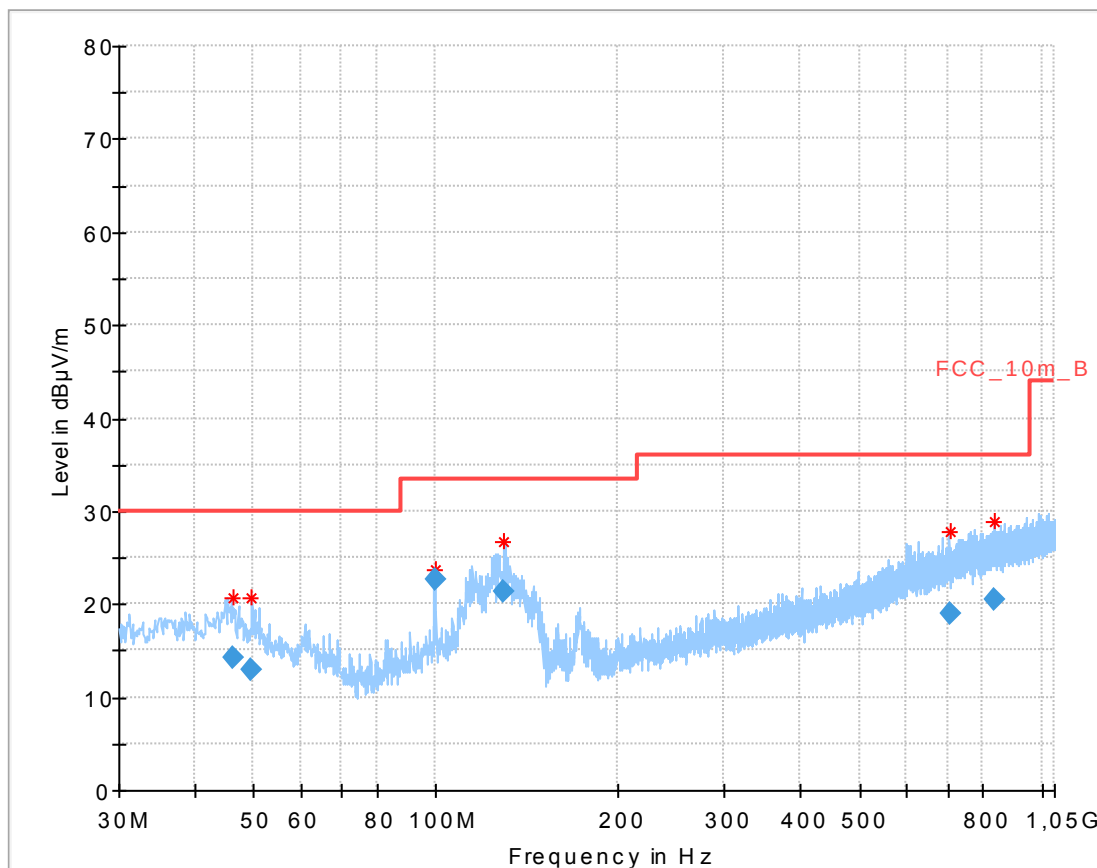
Plot 19: 18 GHz to 26 GHz, 5310 MHz, vertical & horizontal polarization**Plot 20:** 26 GHz to 40 GHz, 5310 MHz, vertical & horizontal polarization

Plot 21: 30 MHz to 1 GHz, 5510 MHz, vertical & horizontal polarization

Final_Result:

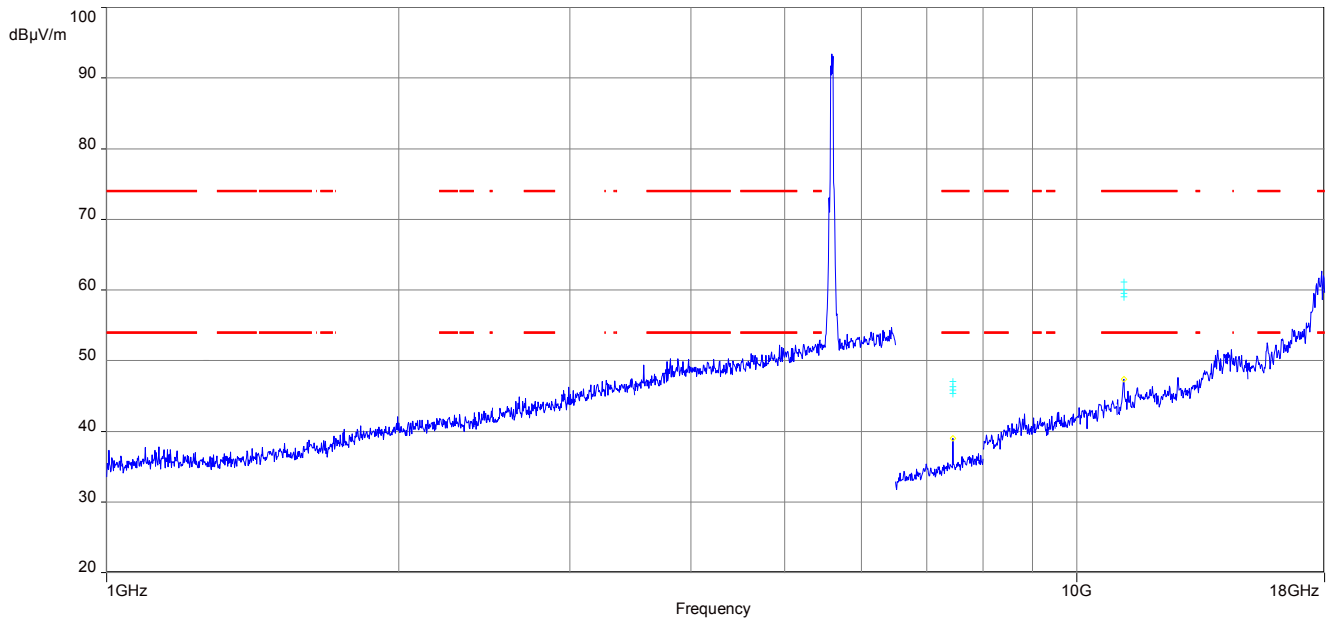
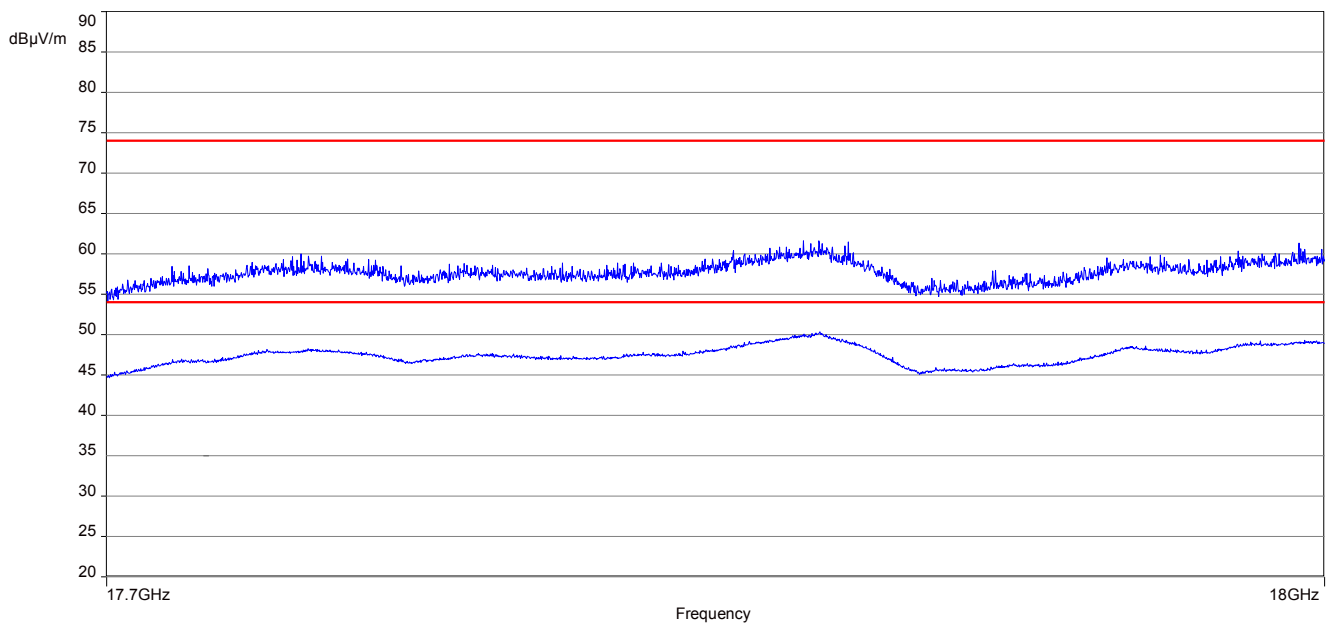
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
44.539200	15.51	30.00	14.49	1000.0	120.000	98.0	V	170.0	13.9
99.781350	21.87	33.50	11.63	1000.0	120.000	101.0	V	170.0	12.1
115.797600	20.24	33.50	13.26	1000.0	120.000	170.0	V	100.0	10.6
129.134700	22.49	33.50	11.01	1000.0	120.000	170.0	V	10.0	9.5
136.312650	20.36	33.50	13.14	1000.0	120.000	101.0	V	171.0	9.0
728.623800	19.48	36.00	16.52	1000.0	120.000	170.0	V	280.0	22.2

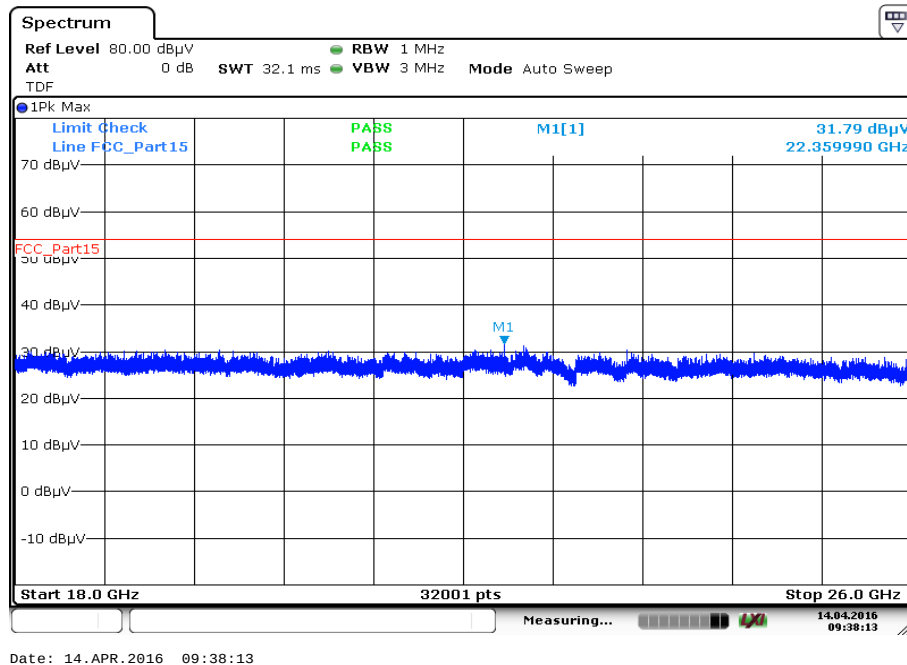
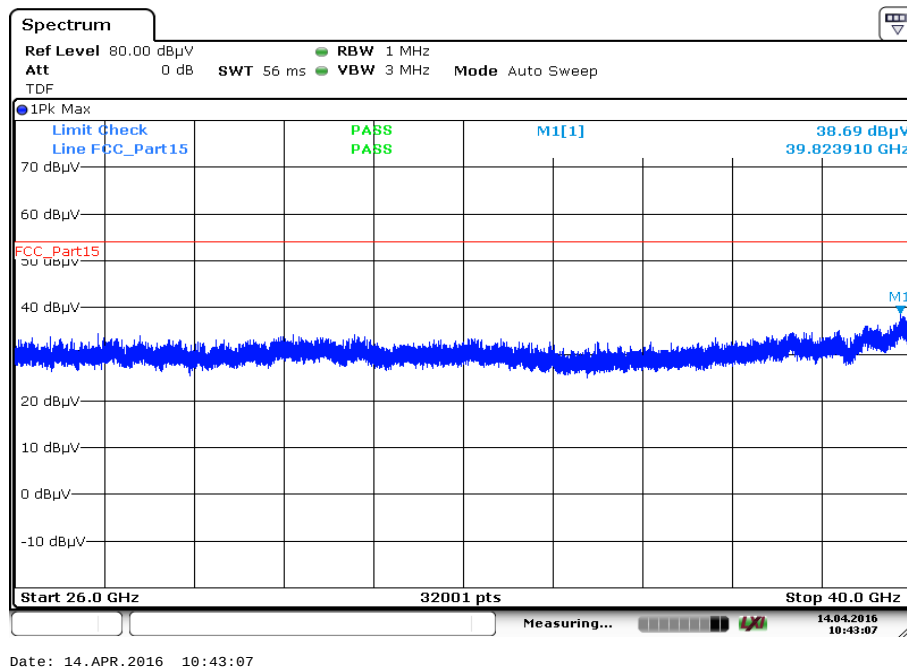
Plot 22: 1 GHz to 18 GHz, 5510 MHz, vertical & horizontal polarization**Plot 23:** 17.7 GHz to 18 GHz, 5510 MHz, vertical & horizontal polarization

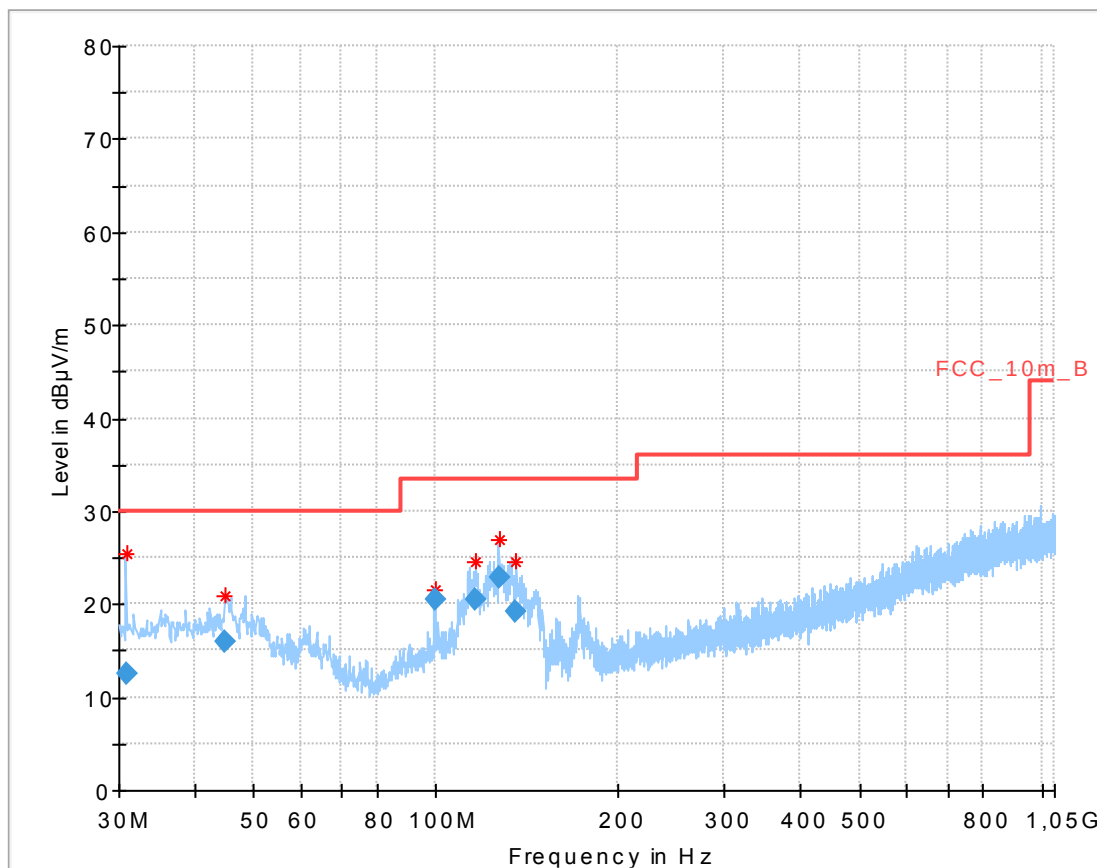
Plot 24: 18 GHz to 26 GHz, 5510 MHz, vertical & horizontal polarization**Plot 25:** 26 GHz to 40 GHz, 5510 MHz, vertical & horizontal polarization

Plot 26: 30 MHz to 1 GHz, 5590 MHz, vertical & horizontal polarization**Final_Result:**

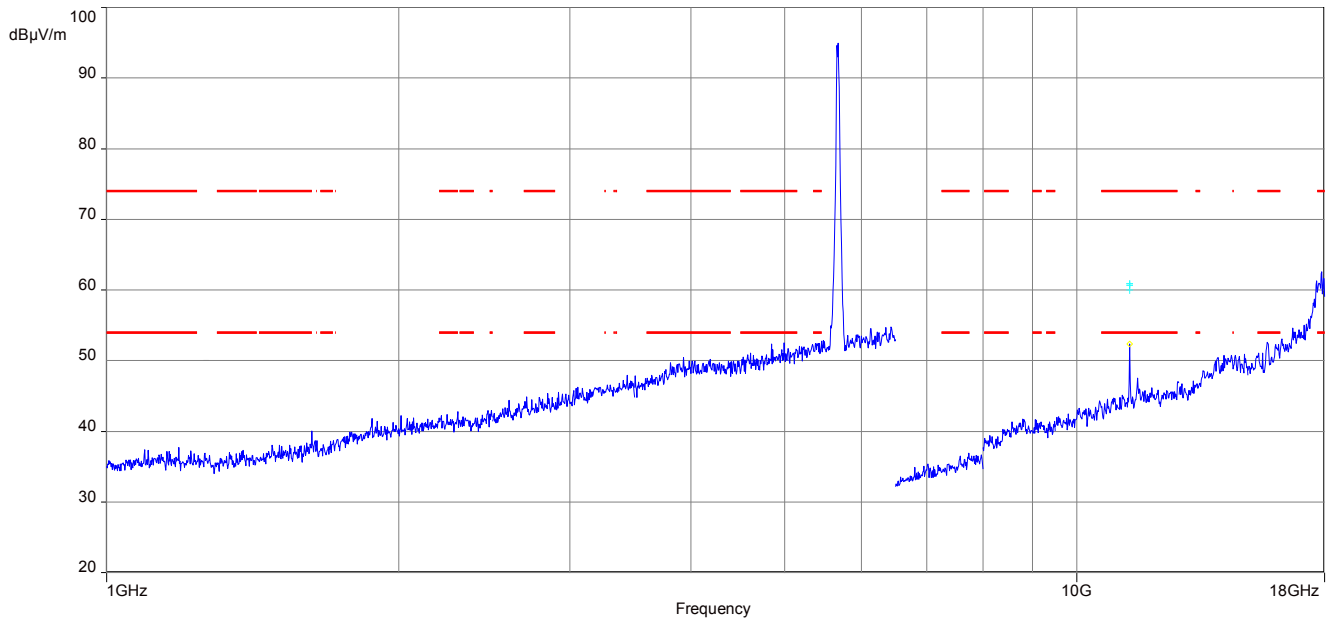
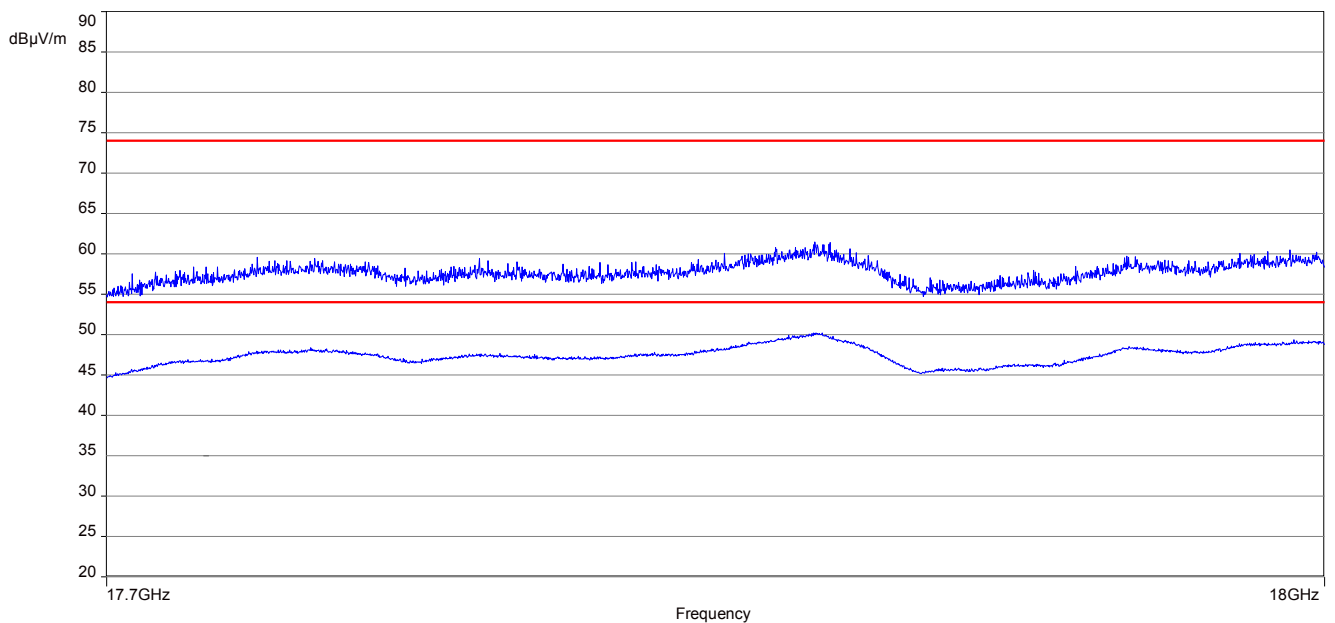
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.369050	14.27	30.00	15.73	1000.0	120.000	100.0	V	-9.0	13.5
49.666500	12.85	30.00	17.15	1000.0	120.000	101.0	V	10.0	12.7
99.572400	22.62	33.50	10.88	1000.0	120.000	170.0	V	171.0	12.1
129.785100	21.38	33.50	12.12	1000.0	120.000	101.0	V	80.0	9.4
704.386800	18.88	36.00	17.12	1000.0	120.000	170.0	V	100.0	21.6
833.031750	20.49	36.00	15.51	1000.0	120.000	101.0	H	261.0	23.2

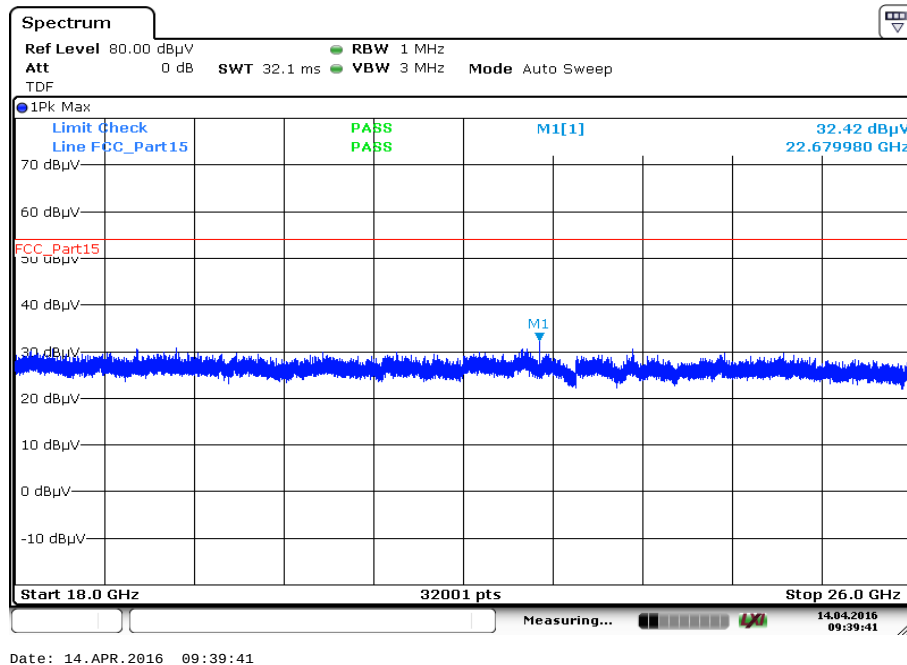
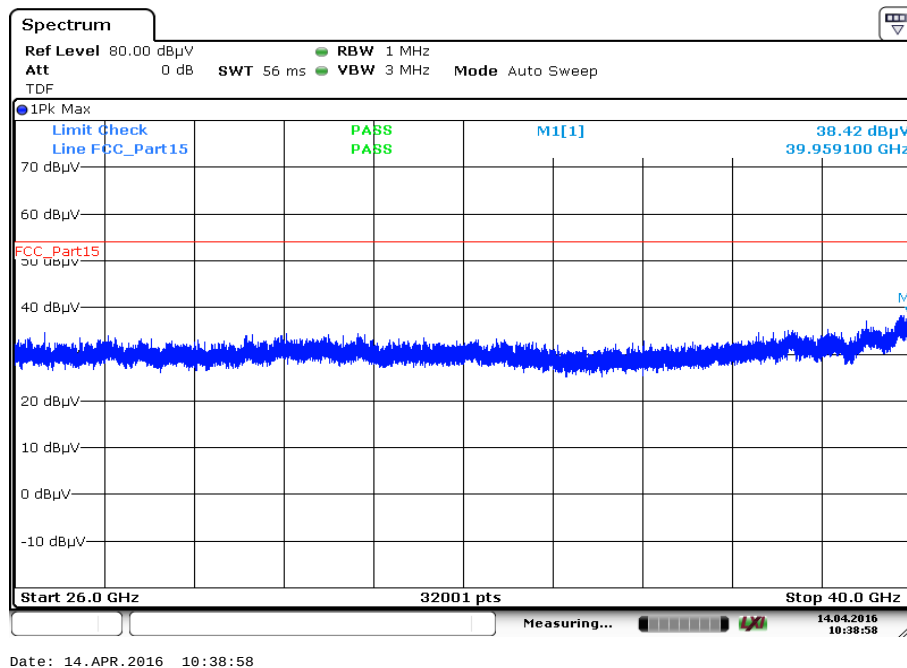
Plot 27: 1 GHz to 18 GHz, 5590 MHz, vertical & horizontal polarization**Plot 28:** 17.7 GHz to 18 GHz, 5590 MHz, vertical & horizontal polarization

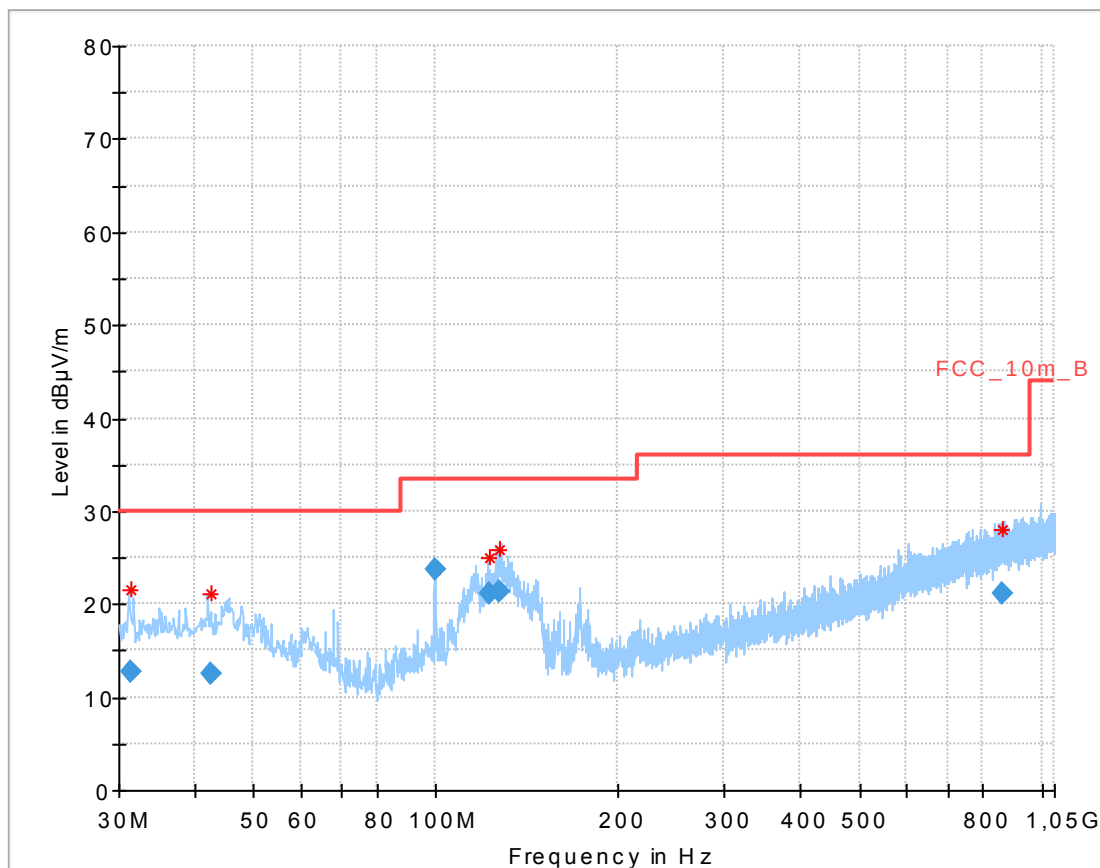
Plot 29: 18 GHz to 26 GHz, 5590 MHz, vertical & horizontal polarization**Plot 30:** 26 GHz to 40 GHz, 5590 MHz, vertical & horizontal polarization

Plot 31: 30 MHz to 1 GHz, 5670 MHz, vertical & horizontal polarization

Final_Result:

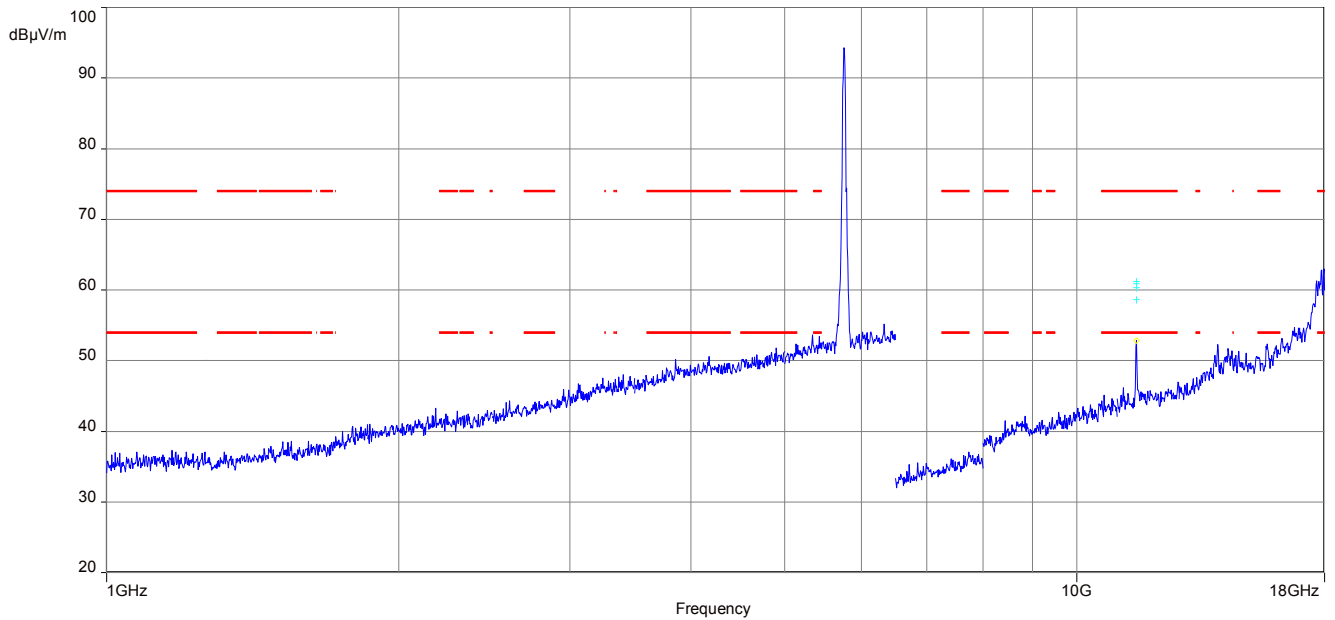
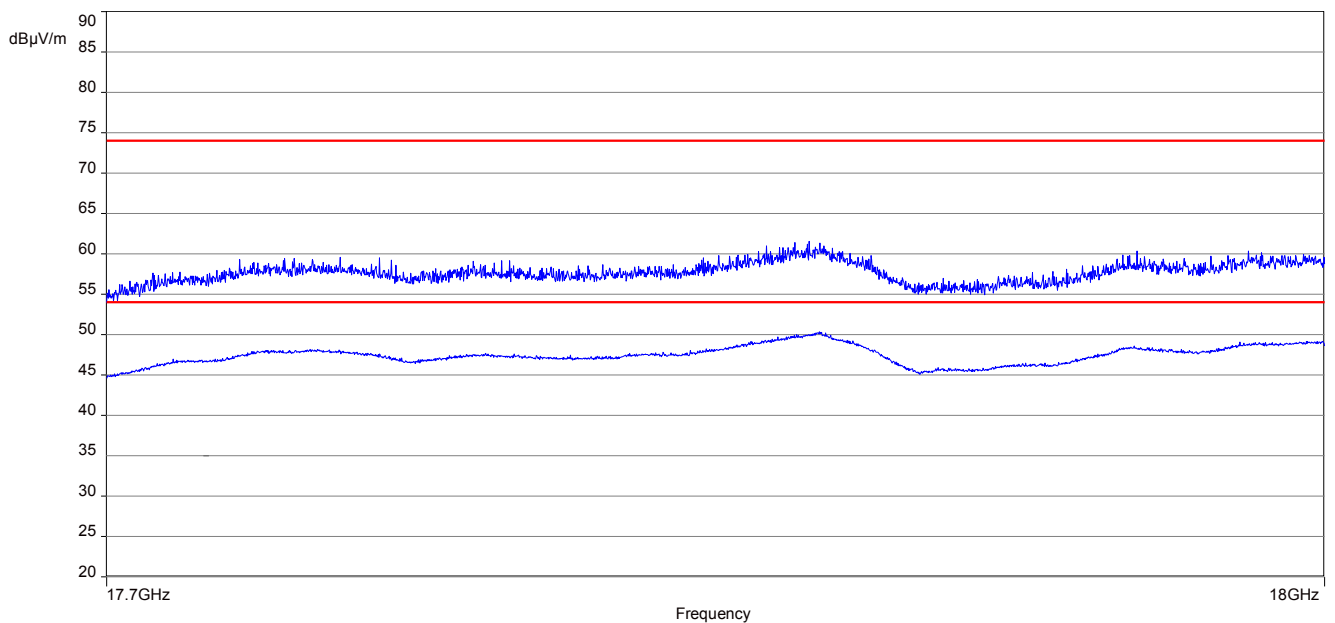
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.820650	12.44	30.00	17.56	1000.0	120.000	100.0	V	280.0	13.4
44.873850	16.04	30.00	13.96	1000.0	120.000	101.0	V	100.0	13.9
99.747900	20.47	33.50	13.03	1000.0	120.000	170.0	V	-9.0	12.1
116.616000	20.43	33.50	13.07	1000.0	120.000	170.0	V	80.0	10.5
127.327950	22.92	33.50	10.58	1000.0	120.000	101.0	V	10.0	9.6
135.696600	19.27	33.50	14.23	1000.0	120.000	98.0	V	100.0	9.0

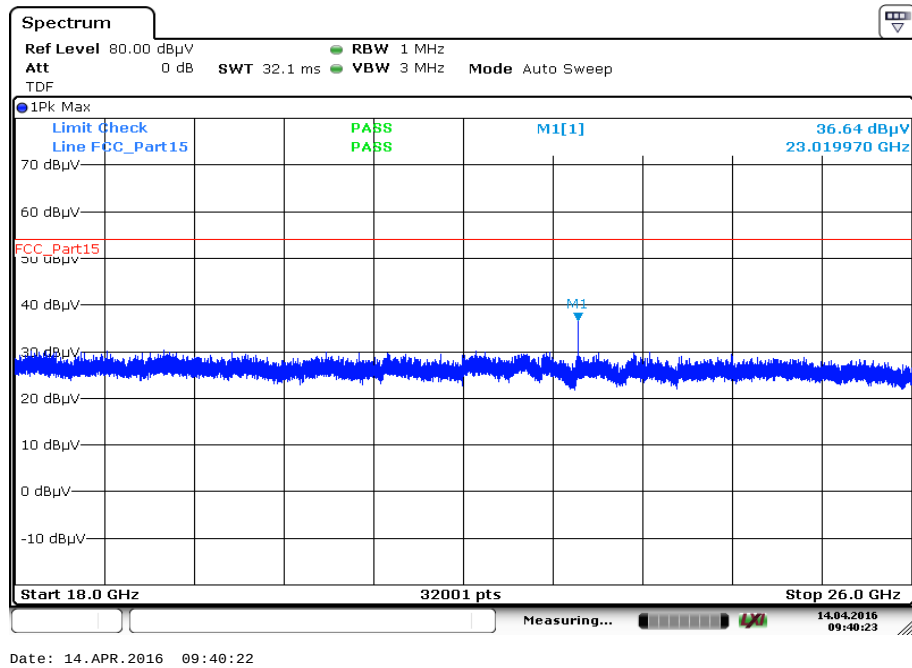
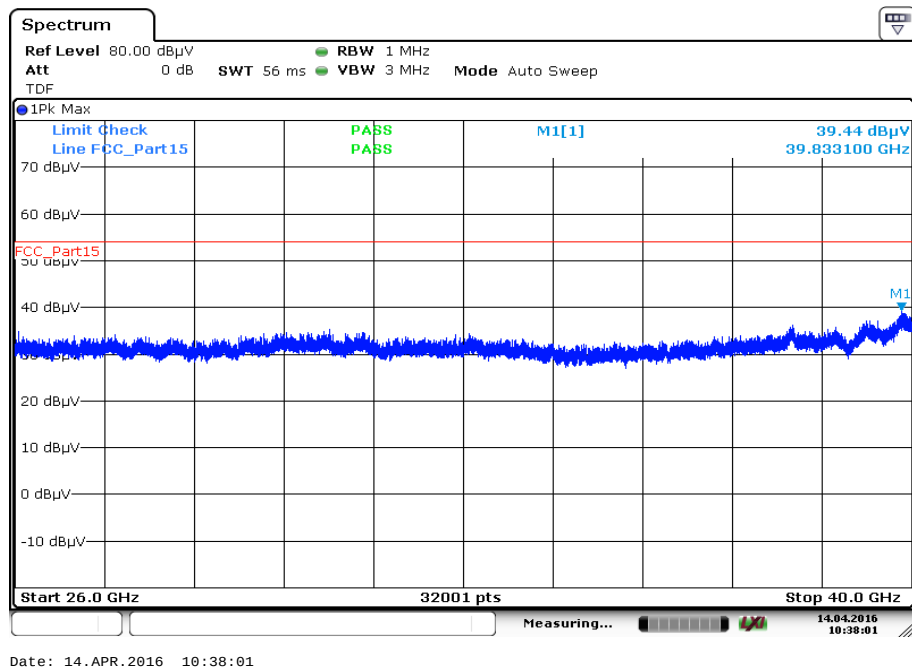
Plot 32: 1 GHz to 18 GHz, 5670 MHz, vertical & horizontal polarization**Plot 33:** 17.7 GHz to 18 GHz, 5670 MHz, vertical & horizontal polarization

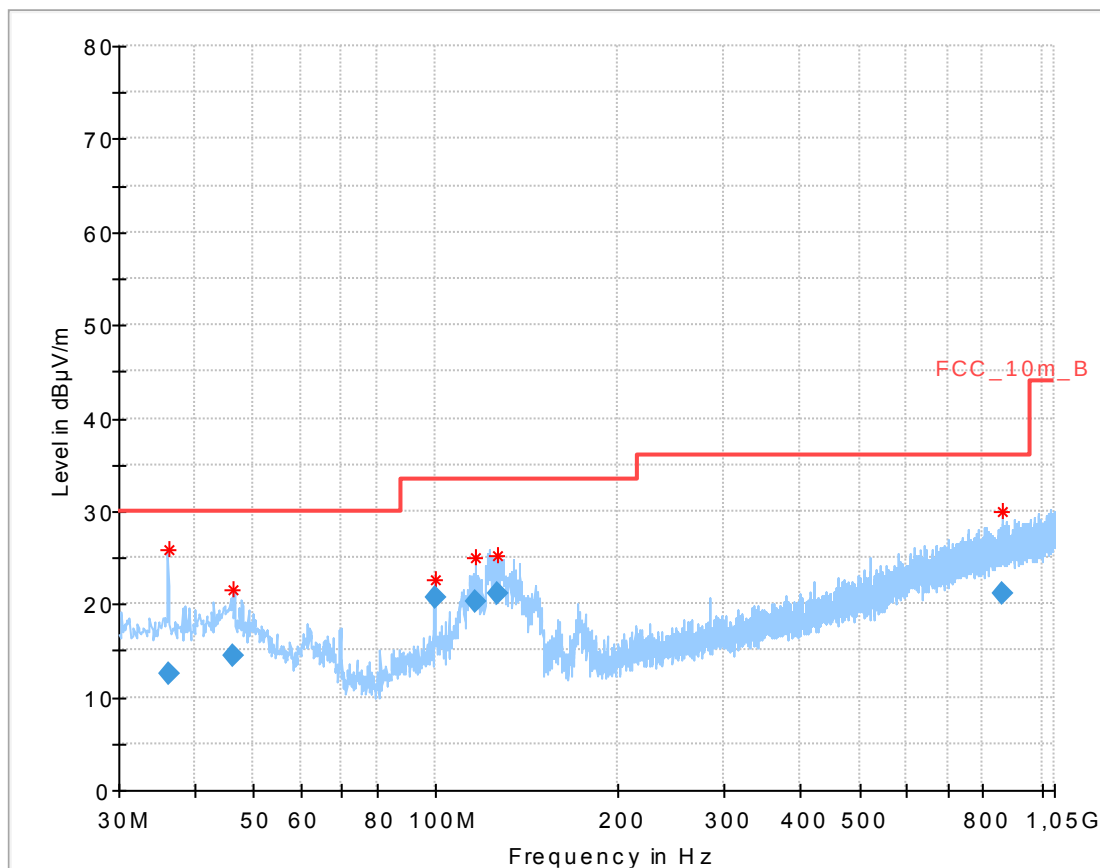
Plot 34: 18 GHz to 26 GHz, 5670 MHz, vertical & horizontal polarization**Plot 35:** 26 GHz to 40 GHz, 5670 MHz, vertical & horizontal polarization

Plot 36: 30 MHz to 1 GHz, 5755 MHz, vertical & horizontal polarization**Final_Result:**

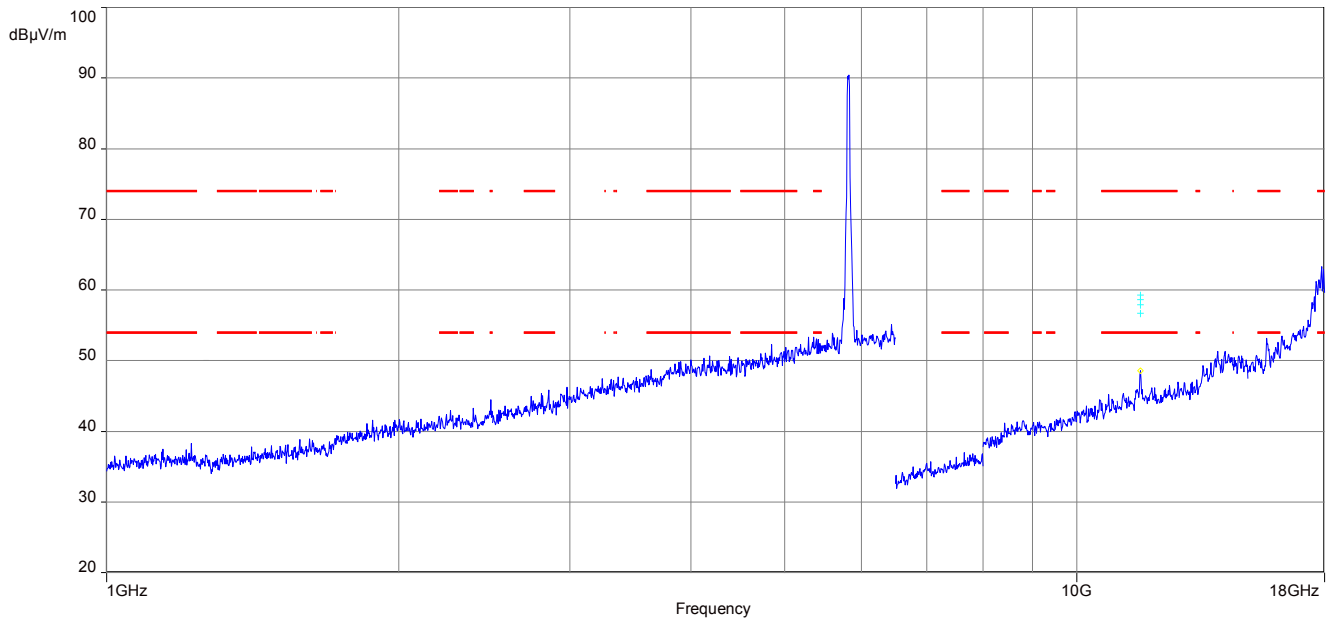
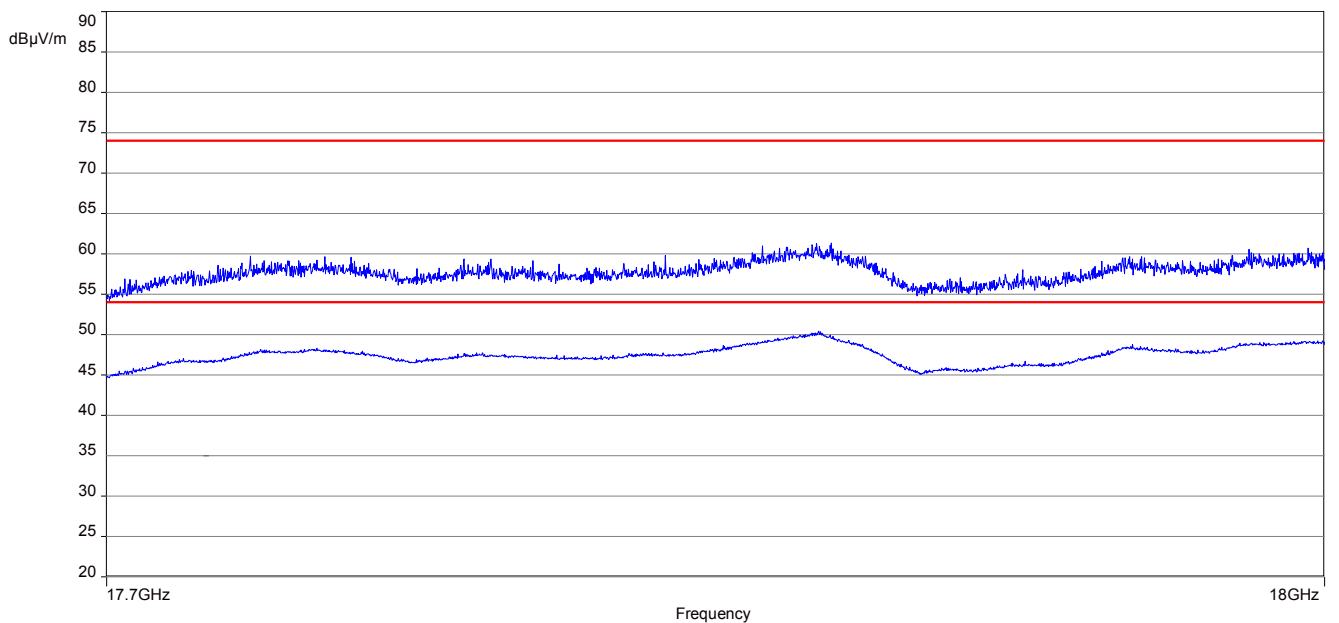
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.379850	12.68	30.00	17.32	1000.0	120.000	170.0	V	100.0	13.5
42.579000	12.40	30.00	17.60	1000.0	120.000	101.0	V	10.0	13.9
99.599400	23.81	33.50	9.69	1000.0	120.000	98.0	V	170.0	12.1
122.476200	21.09	33.50	12.41	1000.0	120.000	170.0	V	10.0	10.0
127.549950	21.26	33.50	12.24	1000.0	120.000	98.0	V	100.0	9.6
863.711700	21.06	36.00	14.94	1000.0	120.000	98.0	H	10.0	23.6

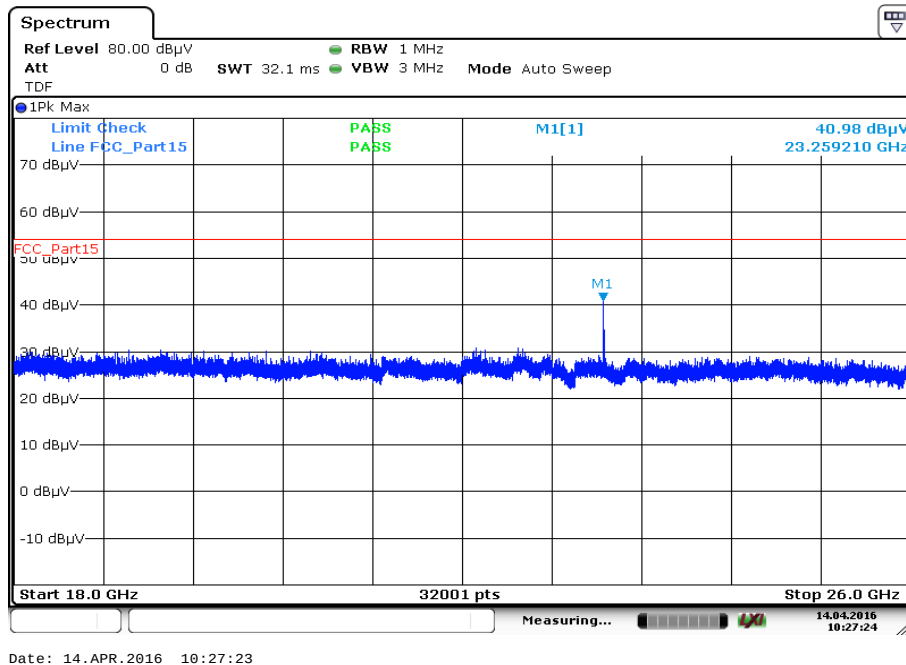
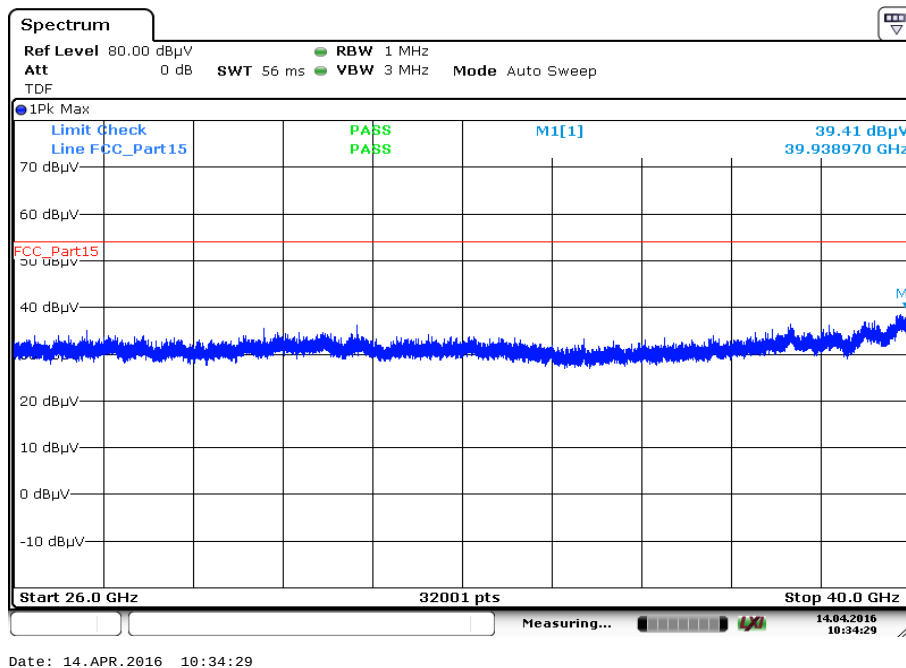
Plot 37: 1 GHz to 18 GHz, 5755 MHz, vertical & horizontal polarization**Plot 38:** 17.7 GHz to 18 GHz, 5755 MHz, vertical & horizontal polarization

Plot 39: 18 GHz to 26 GHz, 5755 MHz, vertical & horizontal polarization**Plot 40:** 26 GHz to 40 GHz, 5755 MHz, vertical & horizontal polarization

Plot 41: 30 MHz to 1 GHz, 5815 MHz, vertical & horizontal polarization**Final_Result:**

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.387150	12.57	30.00	17.43	1000.0	120.000	101.0	V	260.0	13.9
46.416600	14.52	30.00	15.48	1000.0	120.000	170.0	V	170.0	13.5
99.765150	20.66	33.50	12.84	1000.0	120.000	170.0	V	171.0	12.1
115.900200	20.25	33.50	13.25	1000.0	120.000	170.0	V	80.0	10.5
126.423450	21.18	33.50	12.32	1000.0	120.000	170.0	V	10.0	9.7
862.403850	21.03	36.00	14.97	1000.0	120.000	170.0	H	100.0	23.6

Plot 42: 1 GHz to 18 GHz, 5815 MHz, vertical & horizontal polarization**Plot 43:** 17.7 GHz to 18 GHz, 5815 MHz, vertical & horizontal polarization

Plot 44: 18 GHz to 26 GHz, 5815 MHz, vertical & horizontal polarization**Plot 45:** 26 GHz to 40 GHz, 5815 MHz, vertical & horizontal polarization

12.10 RX spurious emissions radiated

Description:

Measurement of the radiated spurious emissions in idle/receive mode.

Measurement:

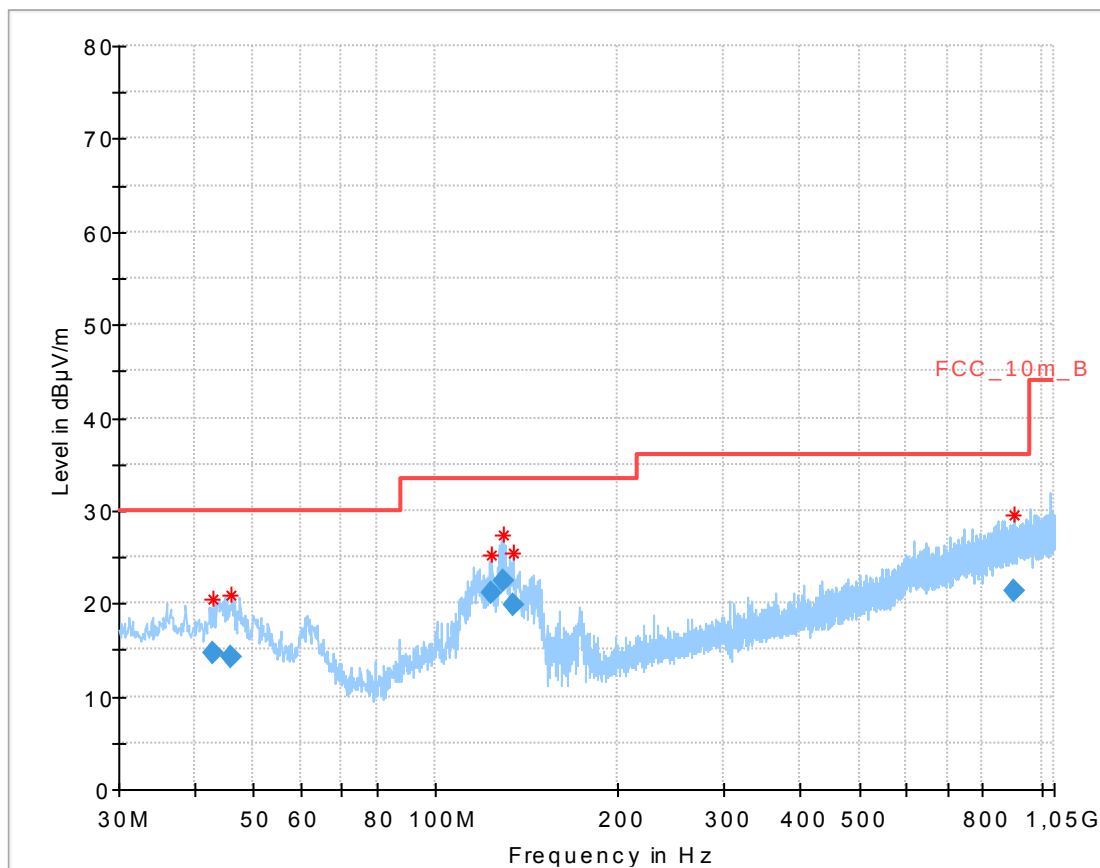
Measurement parameter	
Detector:	Quasi Peak below 1 GHz (alternative Peak) Peak above 1 GHz / RMS
Sweep time:	Auto
Resolution bandwidth:	F < 1 GHz: 100 kHz F > 1 GHz: 1 MHz
Video bandwidth:	F < 1 GHz: 100 kHz F > 1 GHz: ≥ 3 MHz
Span:	30 MHz to 40 GHz
Trace – mode:	Max Hold / Average with 100 counts + 20 log (1 / X) for duty cycle lower than 100 %
Test setup:	See sub clause 7.2 – B
Measurement uncertainty:	See sub clause 9

Limits:

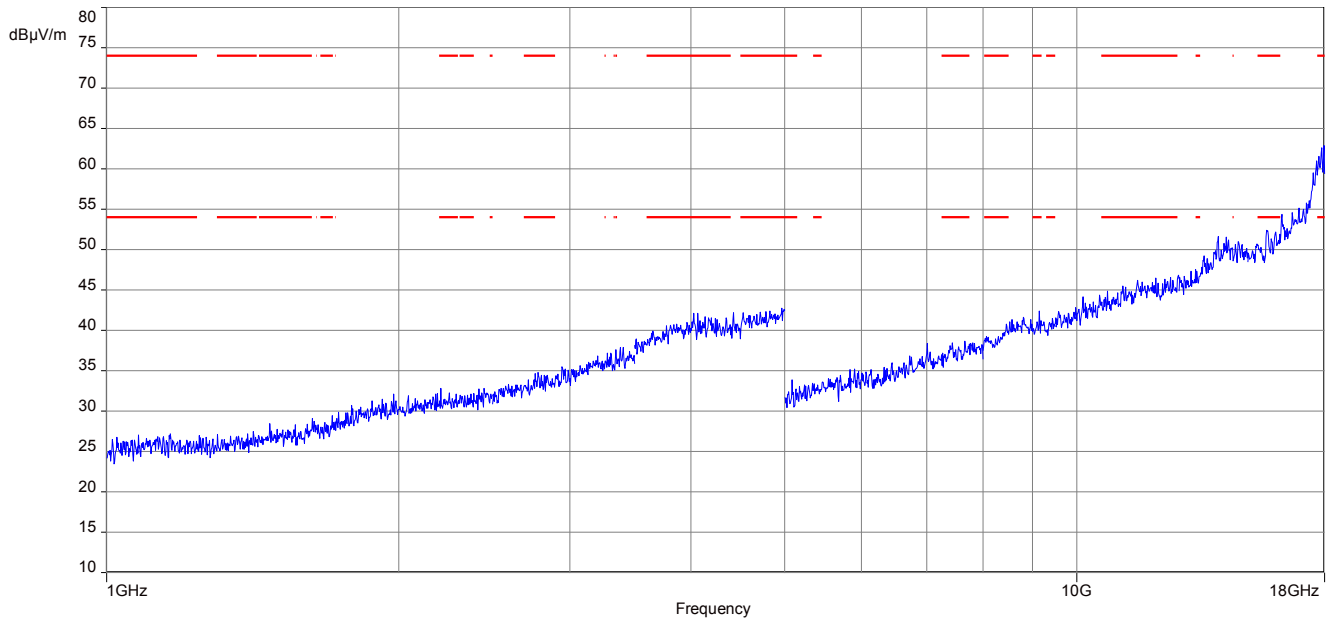
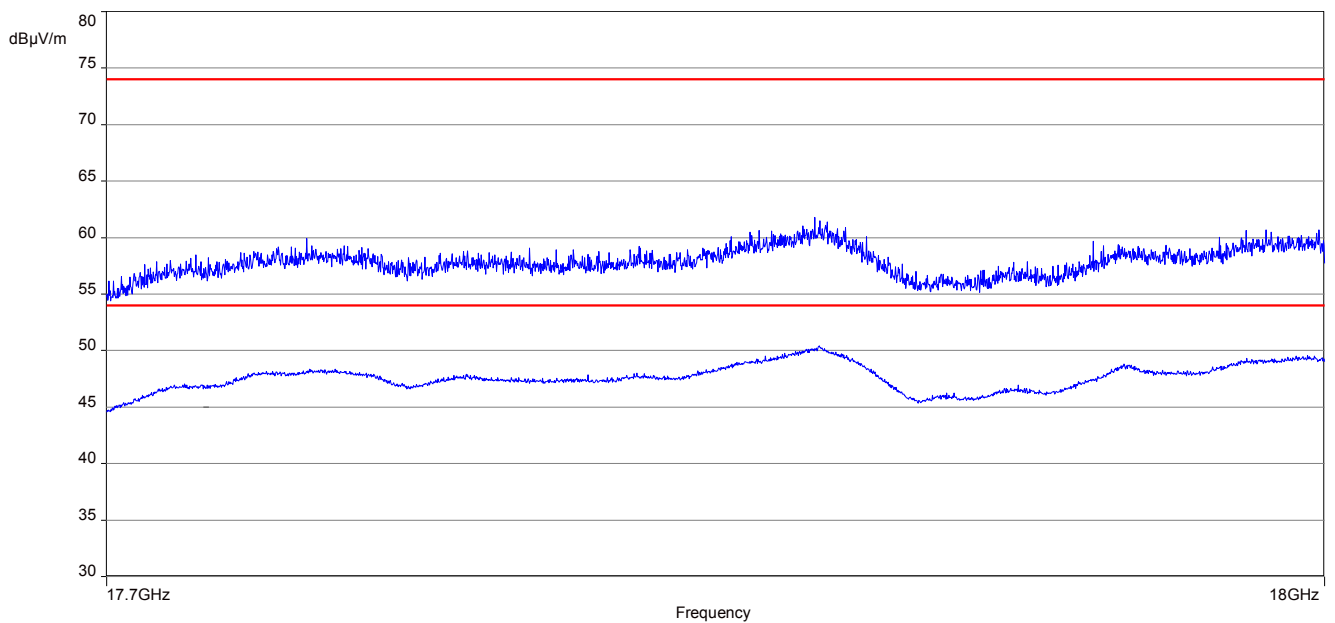
RX Spurious Emissions Radiated		
Frequency (MHz)	Field Strength (dBμV/m)	Measurement distance
30 - 88	30.0	10
88 – 216	33.5	10
216 – 960	36.0	10
Above 960	54.0	3

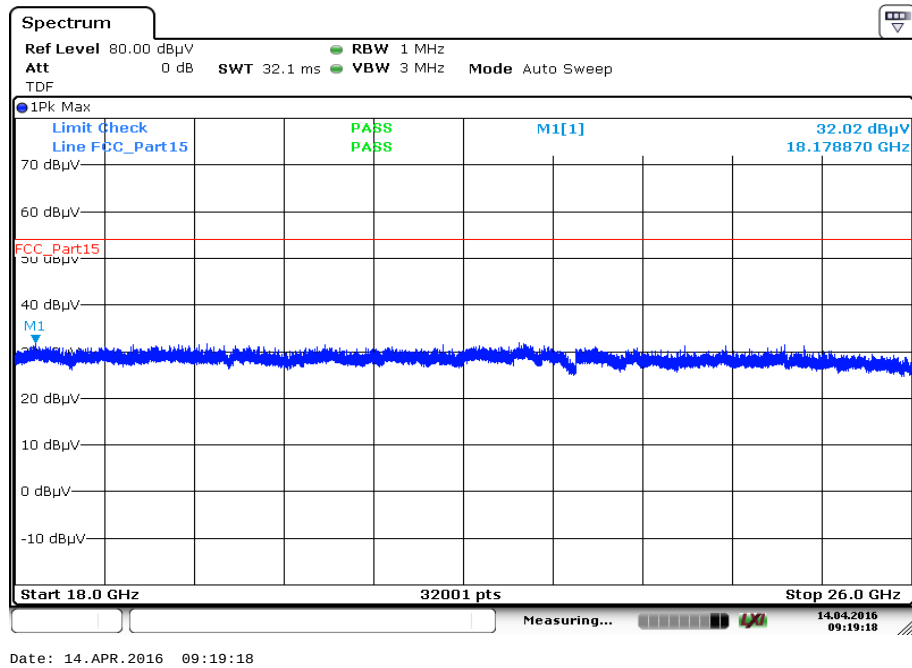
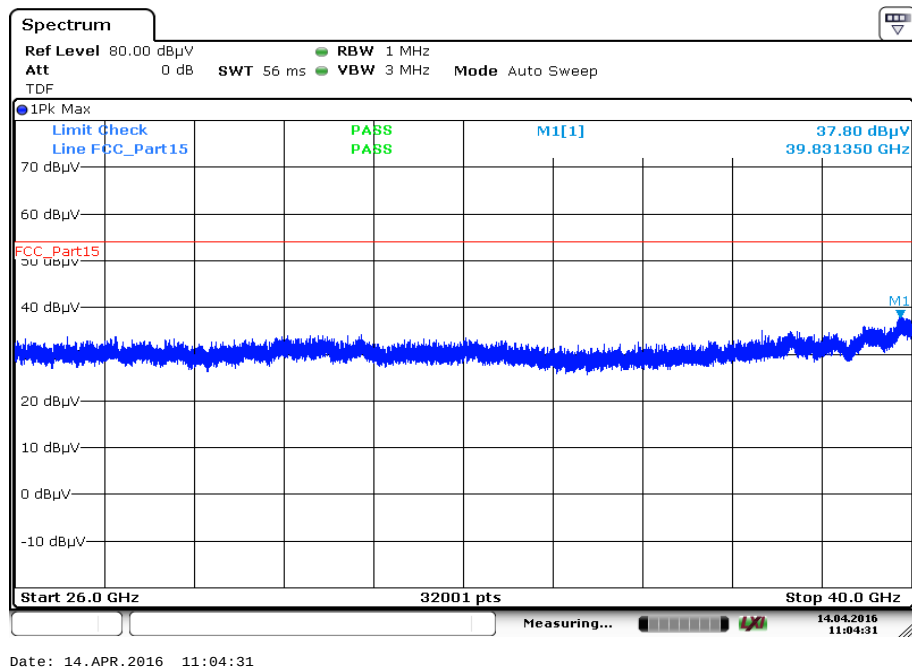
Results:

RX Spurious Emissions Radiated [dBμV/m]		
F [MHz]	Detector	Level [dBμV/m]
No critical peaks found		

Plots:
Plot 1: 30 MHz to 1 GHz, vertical & horizontal polarization

Final_Result:

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.944100	14.59	30.00	15.41	1000.0	120.000	101.0	V	80.0	13.9
45.959400	14.27	30.00	15.73	1000.0	120.000	170.0	V	261.0	13.6
123.784800	21.07	33.50	12.43	1000.0	120.000	170.0	V	-10.0	9.9
129.689550	22.48	33.50	11.02	1000.0	120.000	101.0	V	10.0	9.4
133.961250	19.90	33.50	13.60	1000.0	120.000	170.0	V	80.0	9.1
904.318500	21.26	36.00	14.74	1000.0	120.000	170.0	H	280.0	24.1

Plot 2: 1 GHz to 18 GHz, vertical & horizontal polarization**Plot 3:** 17.7 GHz to 18 GHz, vertical & horizontal polarization

Plot 4: 18 GHz to 26 GHz, vertical & horizontal polarization**Plot 5:** 26 GHz to 40 GHz, vertical & horizontal polarization

12.11 Spurious emissions radiated < 30 MHz

Description:

Measurement of the radiated spurious emissions in transmit mode and receive mode below 30 MHz. The EUT is set first to middle channel. This measurement is representative for all channels and modes. If critical peaks are found the lowest channel and the highest channel will be measured too. Then the EUT is set to receive or idle mode. The limits are recalculated to a measurement distance of 3 m with 40 dB/decade according CFR Part 2.

Measurement:

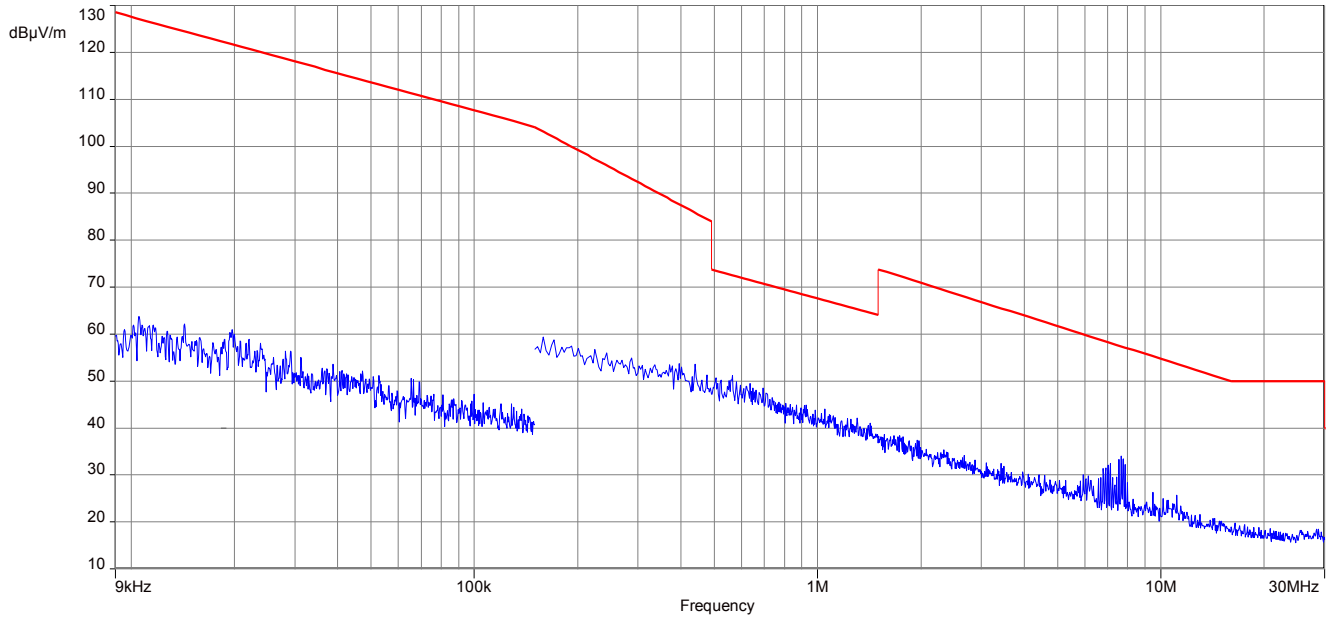
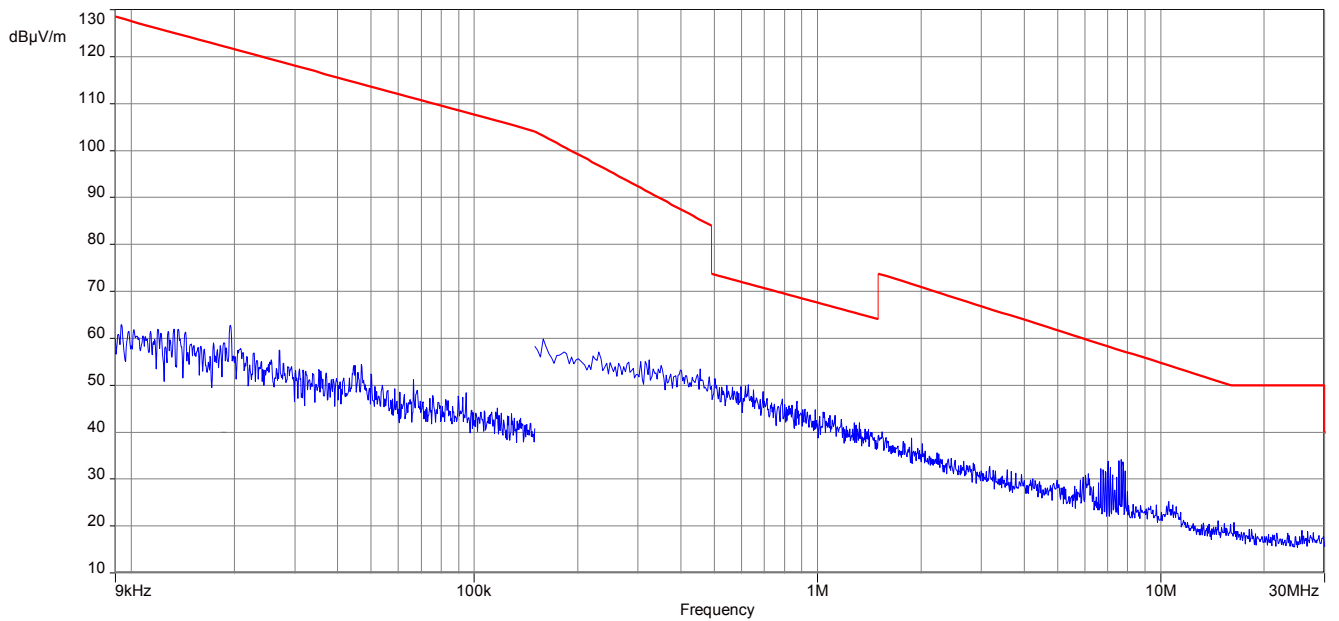
Measurement parameter	
Detector:	Peak / Quasi Peak
Sweep time:	Auto
Video bandwidth:	F < 150 kHz: 200 Hz F > 150 kHz: 9 kHz
Resolution bandwidth:	F < 150 kHz: 1 kHz F > 150 kHz: 100 kHz
Span:	9 kHz to 30 MHz
Trace – mode:	Max Hold
Test setup:	See sub clause 7.2 – C
Measurement uncertainty:	See sub clause 9

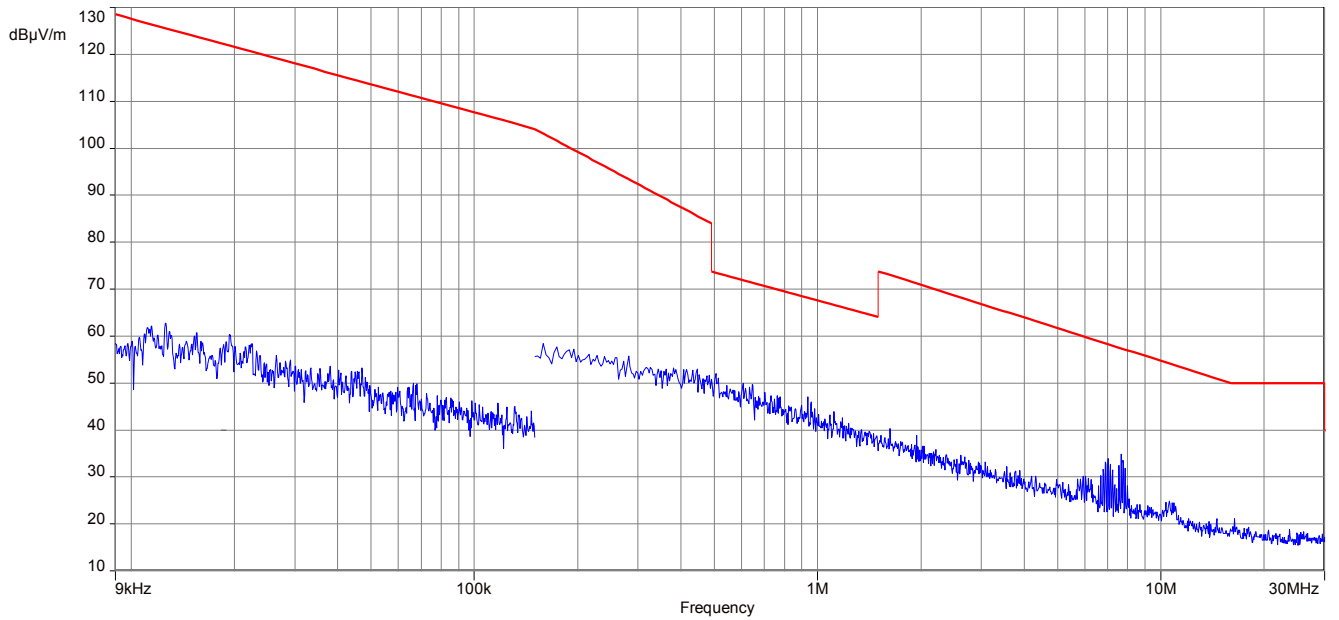
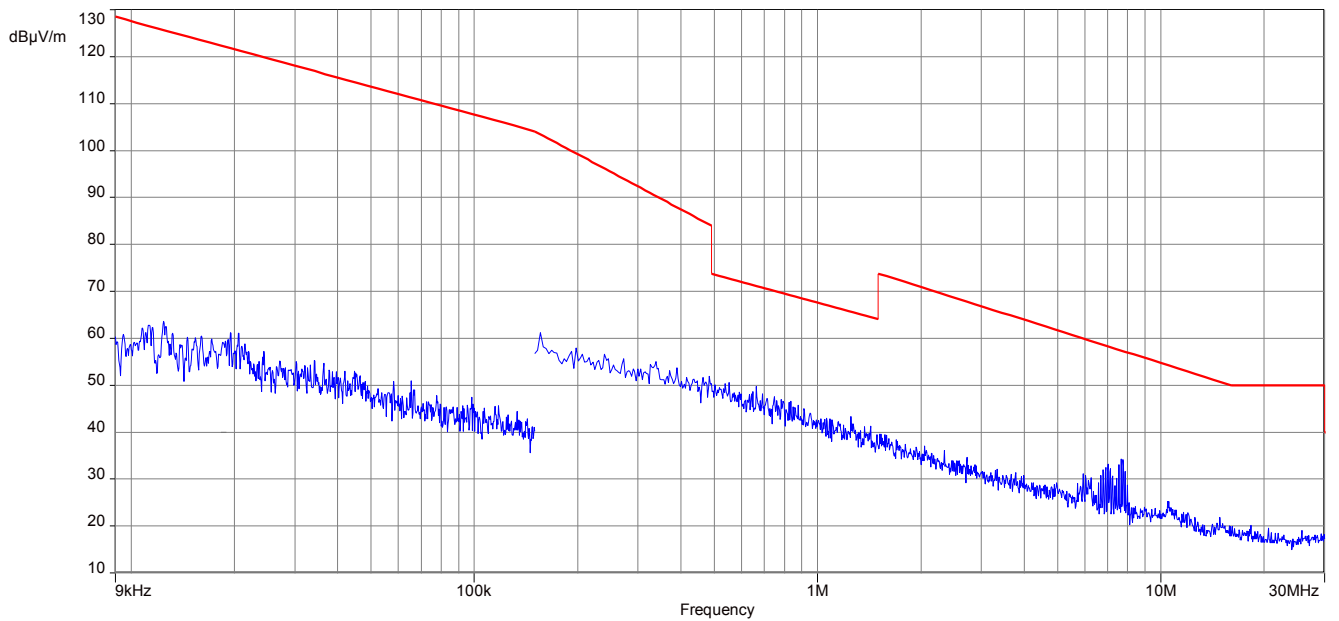
Limits:

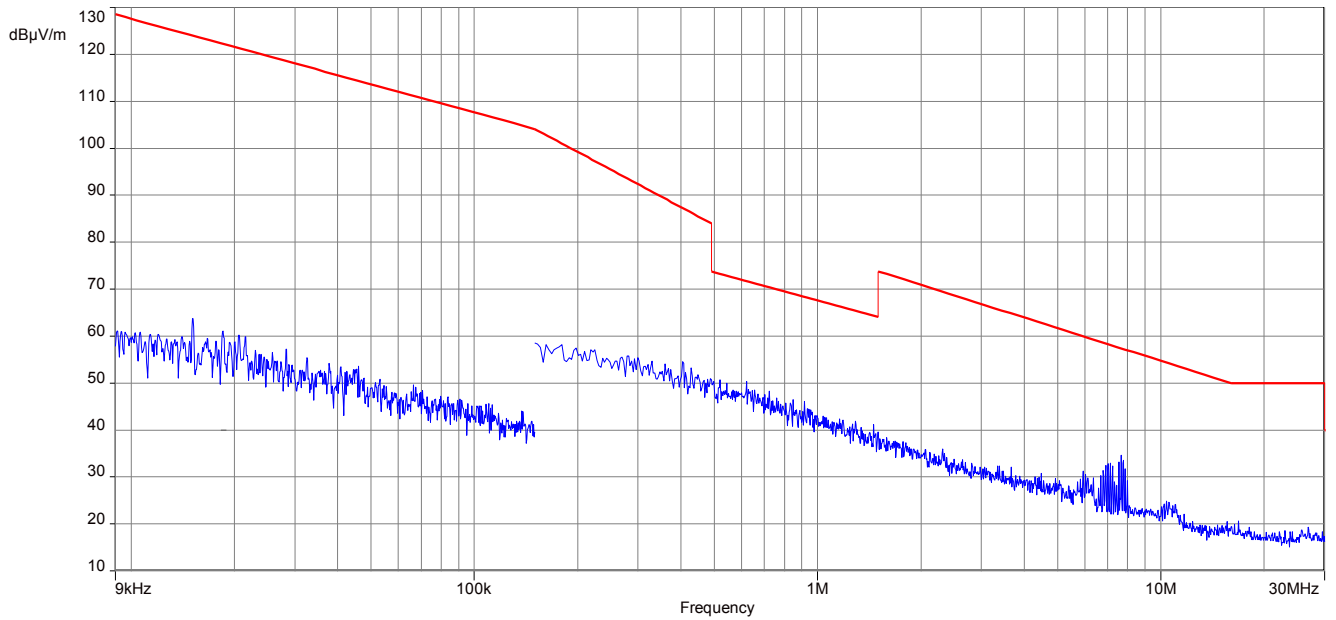
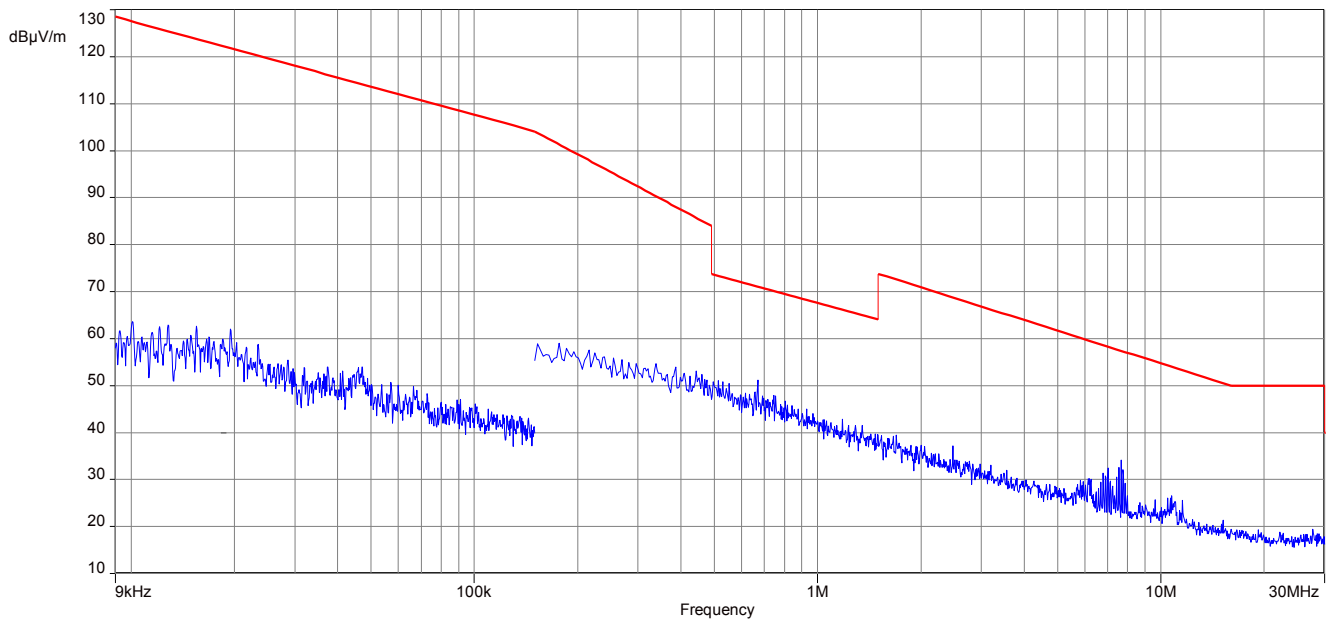
Spurious Emissions Radiated < 30 MHz		
Frequency (MHz)	Field Strength (dB μ V/m)	Measurement distance
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30

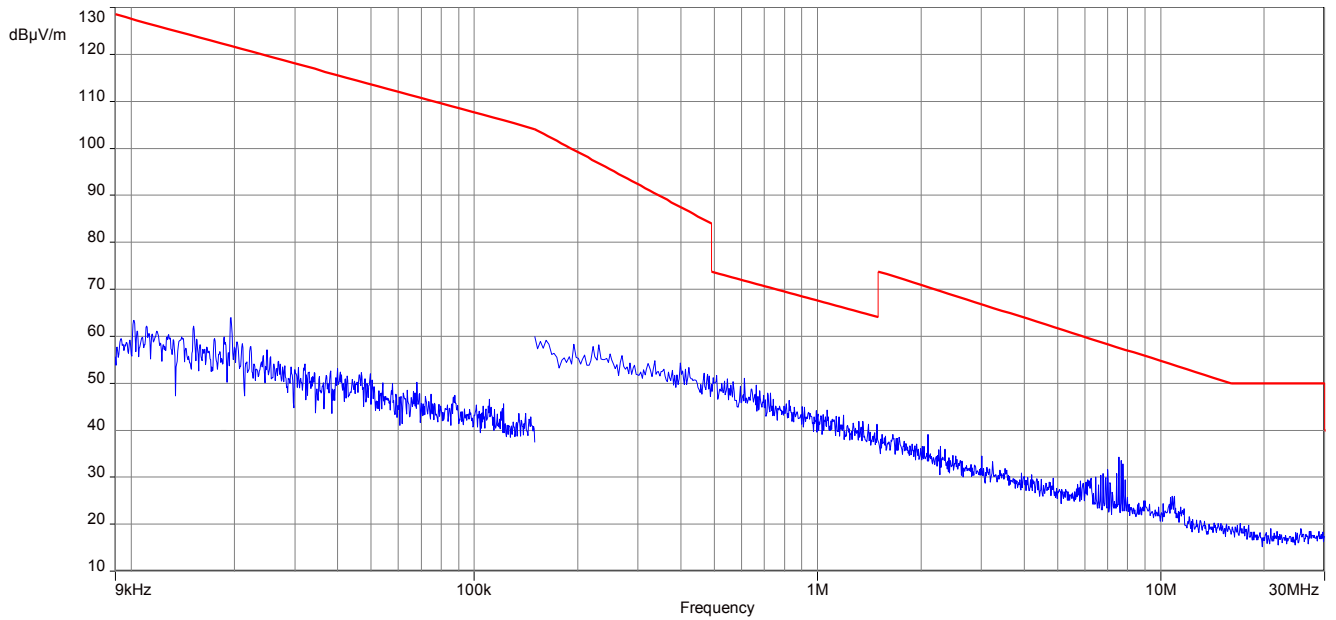
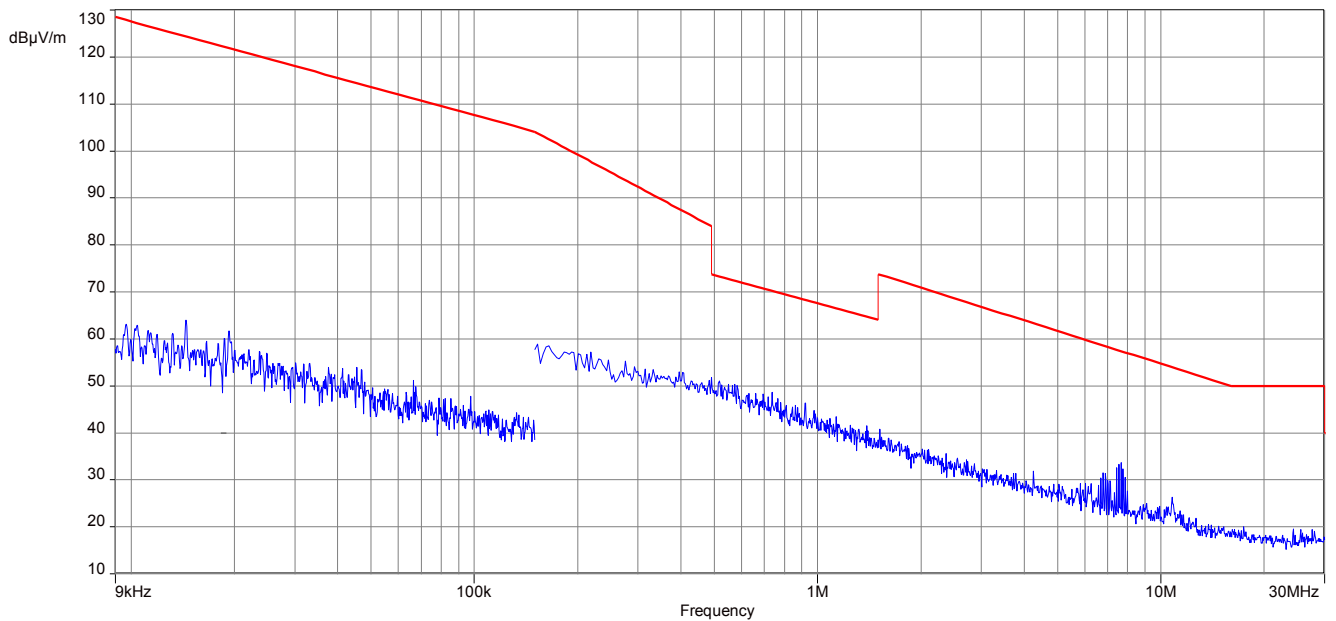
Results:

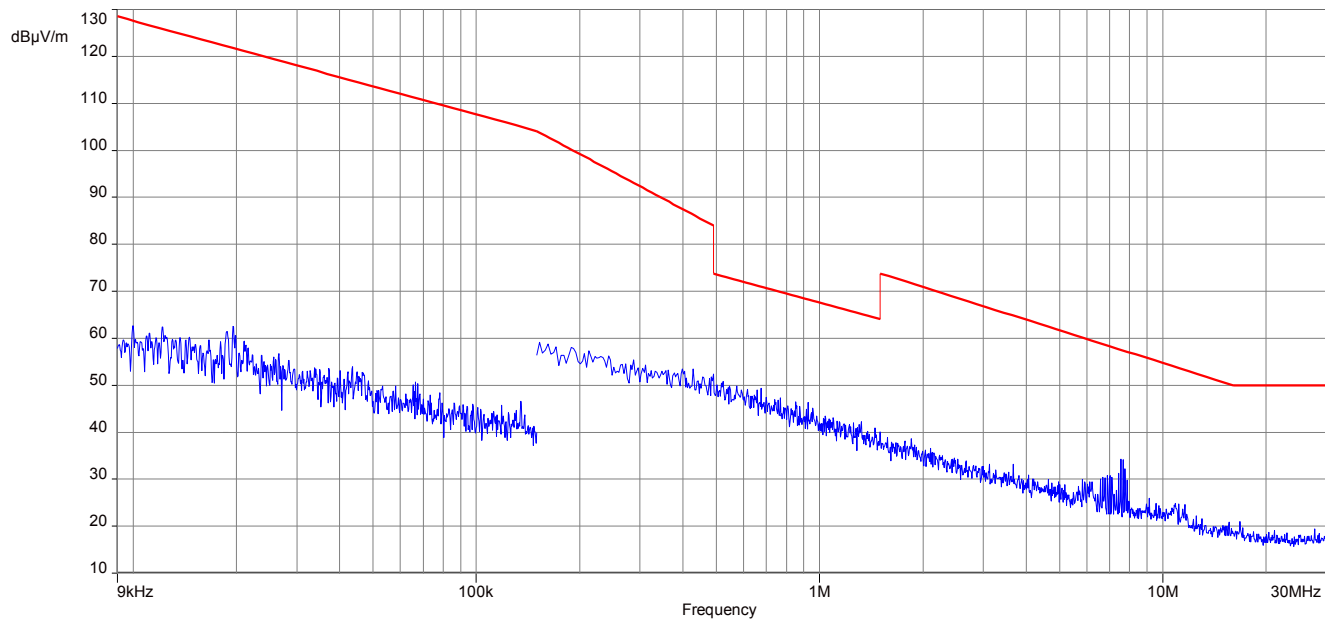
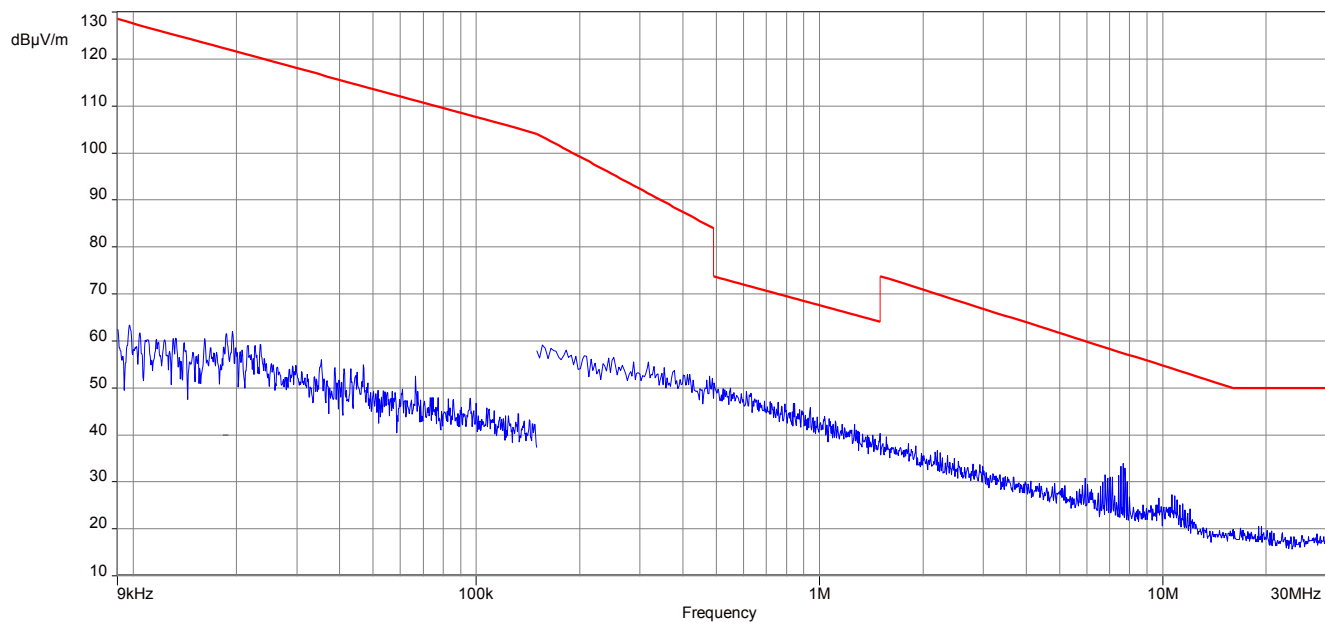
Spurious Emissions Radiated < 30 MHz [dB μ V/m]		
F [MHz]	Detector	Level [dB μ V/m]
All detected emissions are more than 20 dB below the limit.		

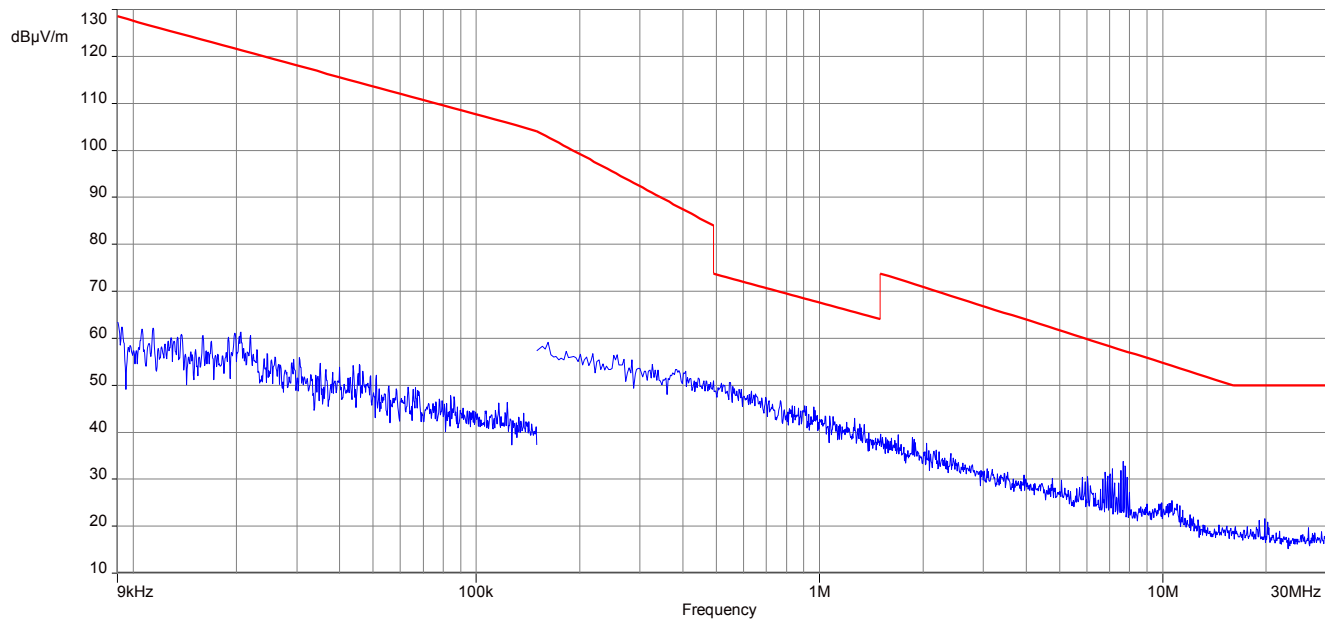
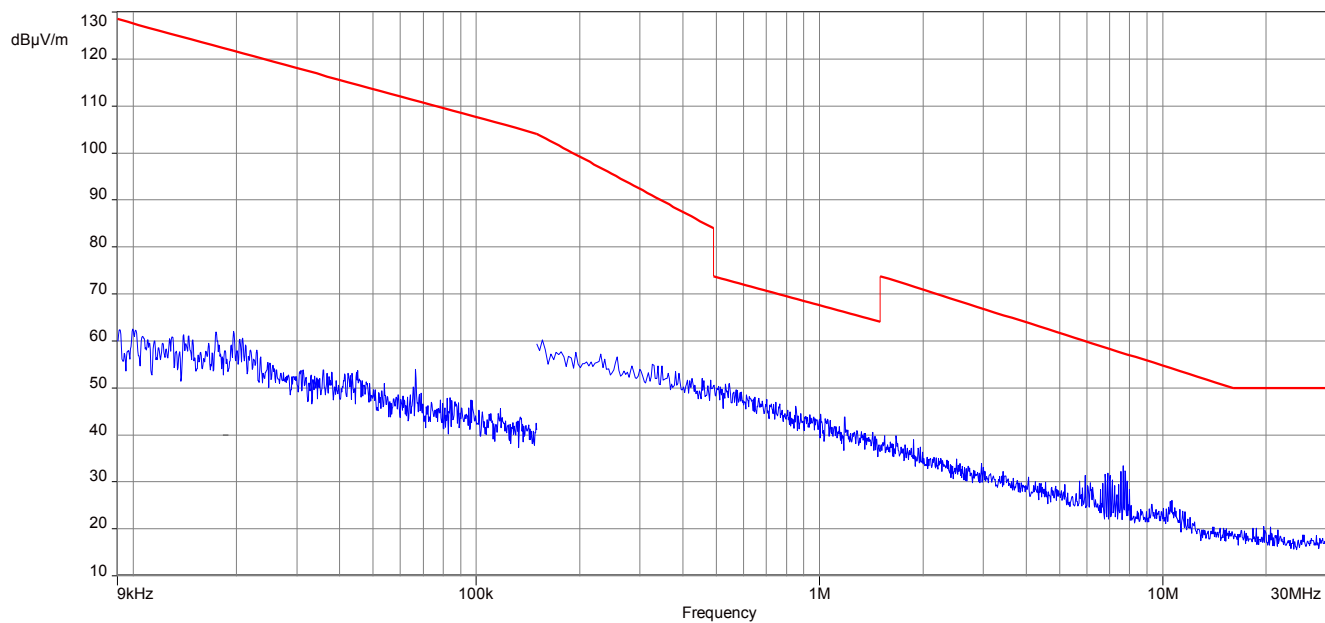
Plots:**Plot 1:** 9 kHz to 30 MHz, OFDM 20 MHz, 5180 MHz**Plot 2:** 9 kHz to 30 MHz, OFDM 20 MHz, 5240 MHz

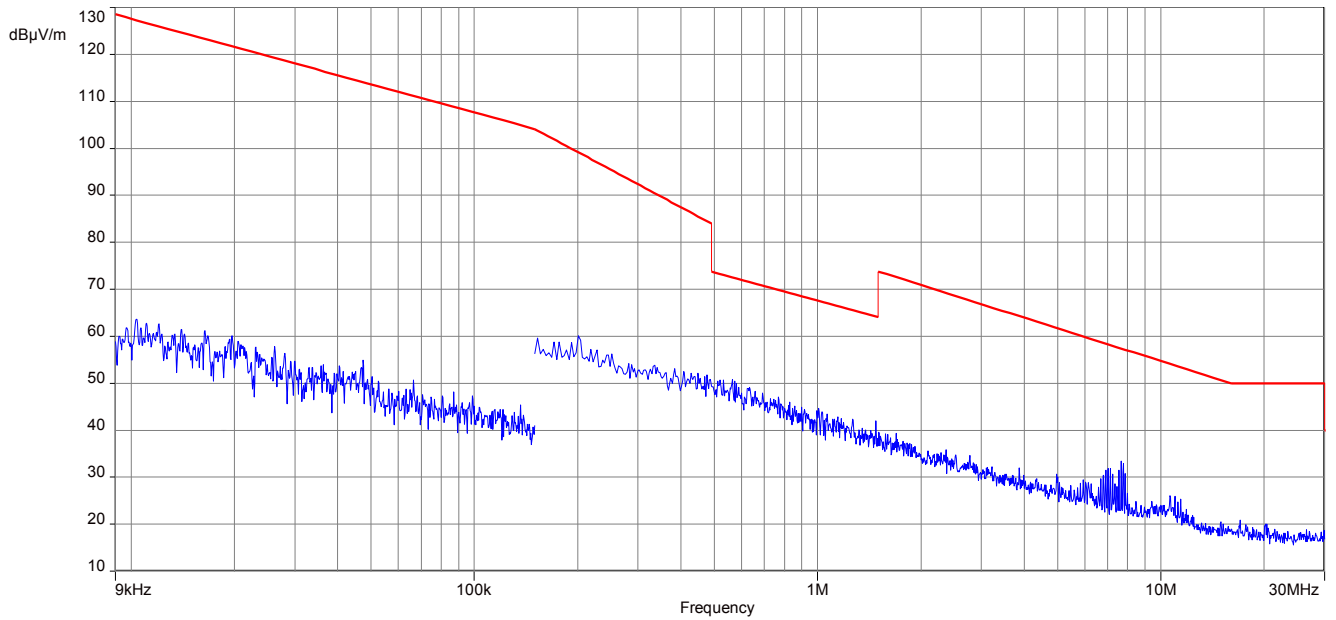
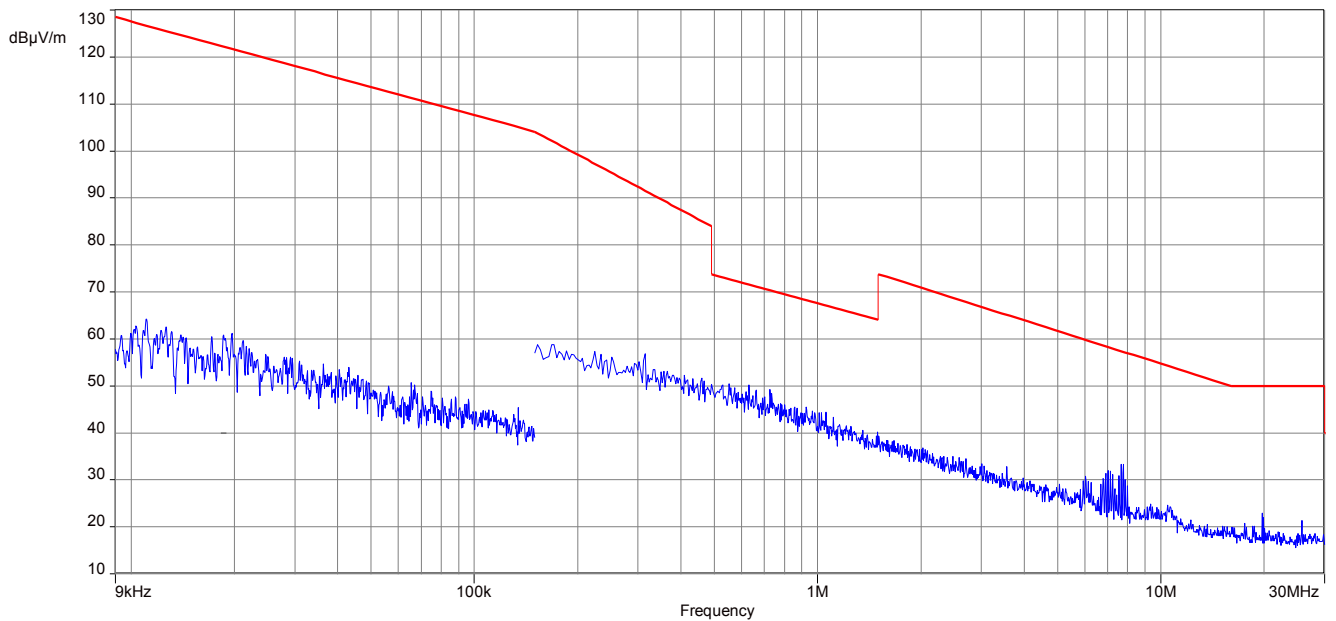
Plot 3: 9 kHz to 30 MHz, OFDM 20 MHz, 5260 MHz**Plot 4:** 9 kHz to 30 MHz, OFDM 20 MHz, 5320 MHz

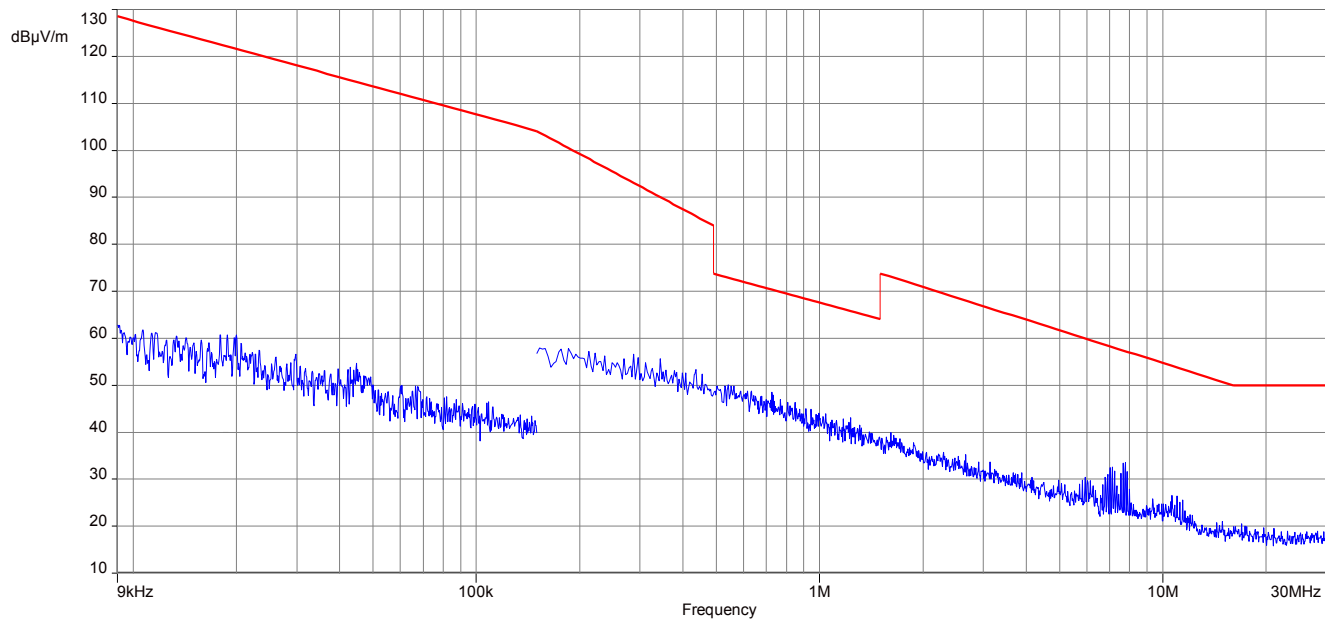
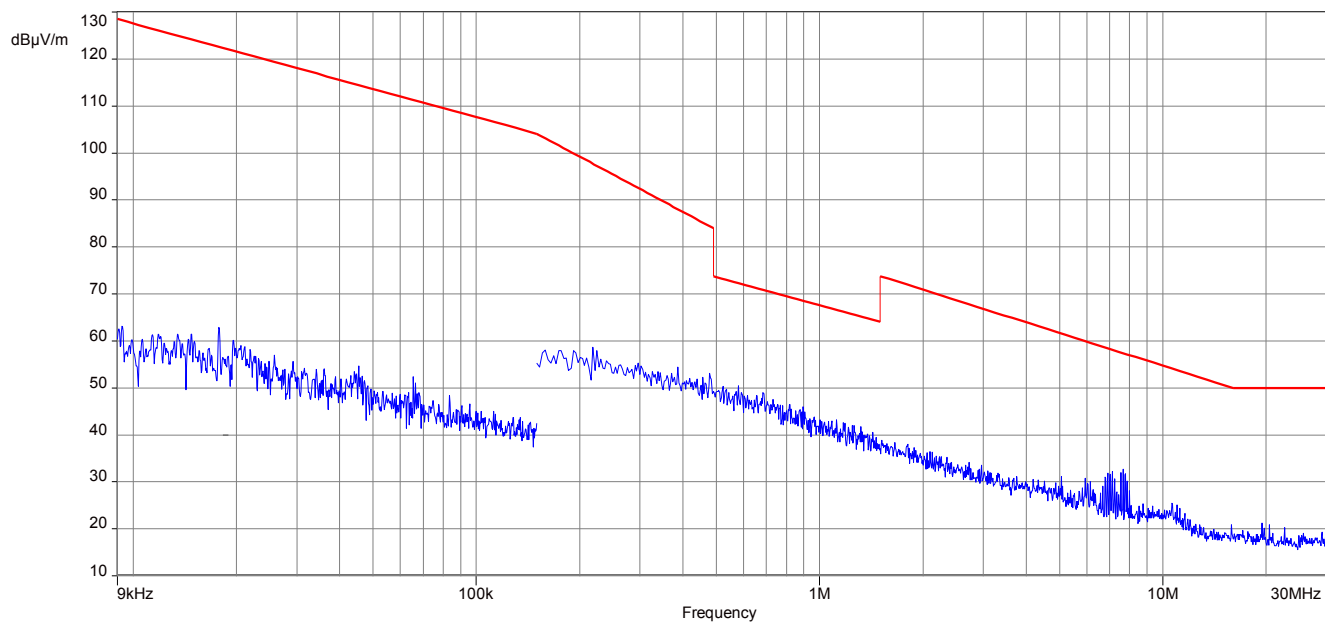
Plot 5: 9 kHz to 30 MHz, OFDM 20 MHz, 5500 MHz**Plot 6:** 9 kHz to 30 MHz, OFDM 20 MHz, 5600 MHz

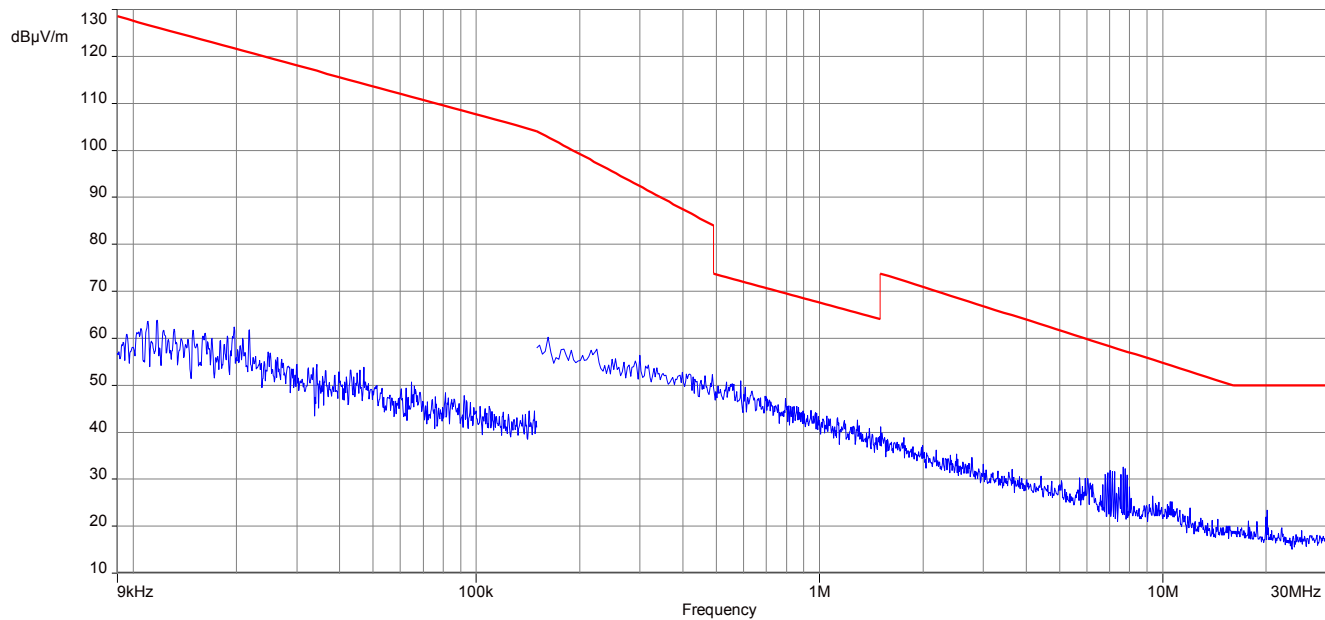
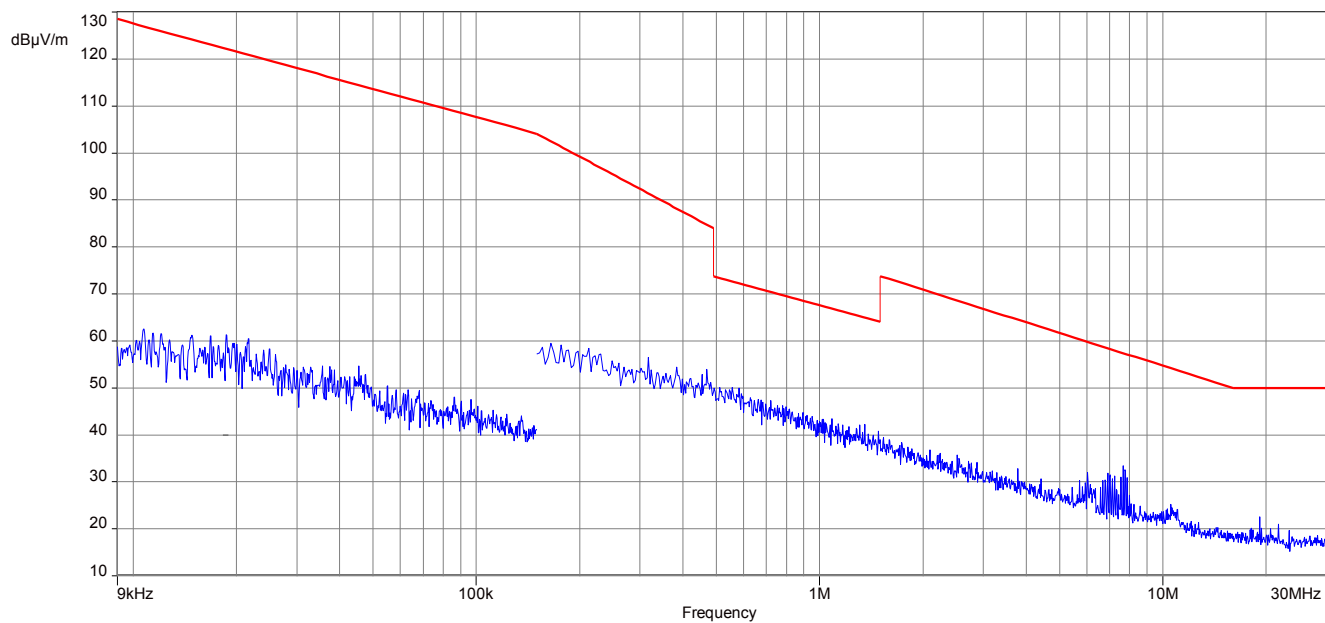
Plot 7: 9 kHz to 30 MHz, OFDM 20 MHz, 5700 MHz**Plot 8:** 9 kHz to 30 MHz, OFDM 20 MHz, 5745 MHz

Plot 9: 9 kHz to 30 MHz, OFDM 20 MHz, 5785 MHz**Plot 10:** 9 kHz to 30 MHz, OFDM 20 MHz, 5825 MHz

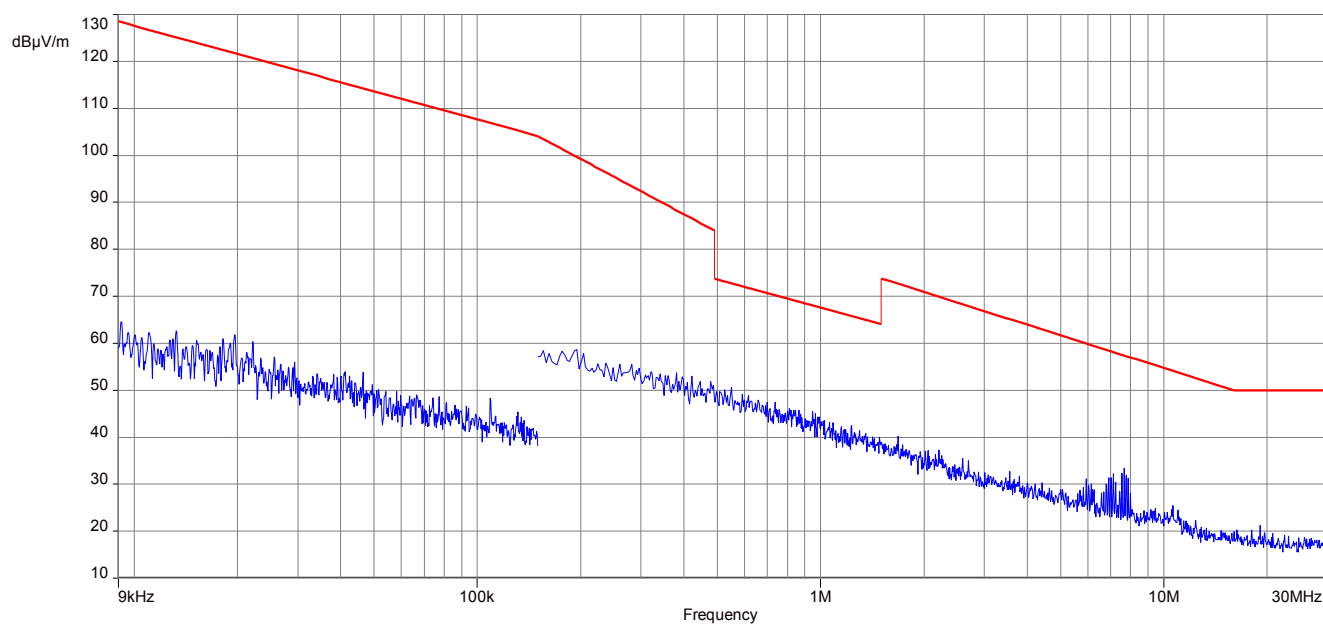
Plot 11: 9 kHz to 30 MHz, OFDM 40 MHz, 5190 MHz**Plot 12:** 9 kHz to 30 MHz, OFDM 40 MHz, 5210 MHz

Plot 13: 9 kHz to 30 MHz, OFDM 40 MHz, 5270 MHz**Plot 14:** 9 kHz to 30 MHz, OFDM 40 MHz, 5310 MHz

Plot 15: 9 kHz to 30 MHz, OFDM 40 MHz, 5510 MHz**Plot 16:** 9 kHz to 30 MHz, OFDM 40 MHz, 5590 MHz

Plot 17: 9 kHz to 30 MHz, OFDM 40 MHz, 5670 MHz**Plot 18:** 9 kHz to 30 MHz, OFDM 40 MHz, 5785 MHz

Plot 19: 9 kHz to 30 MHz, OFDM 40 MHz, 5810 MHz



12.12 Spurious emissions conducted < 30 MHz

Description:

Measurement of the conducted spurious emissions in transmit mode below 30 MHz. The EUT is set to middle channel. If critical peaks are found the lowest channel and the highest channel will be measured too. Both power lines, phase and neutral line, are measured. Found peaks are remeasured with average and quasi peak detection to show compliance to the limits.

Measurement:

Measurement parameter	
Detector:	Peak - Quasi Peak / Average
Sweep time:	Auto
Video bandwidth:	9 kHz
Resolution bandwidth:	100 kHz
Span:	150 kHz to 30 MHz
Trace – mode:	Max Hold
Test setup:	See sub clause 7.4 – A
Measurement uncertainty:	See sub clause 9

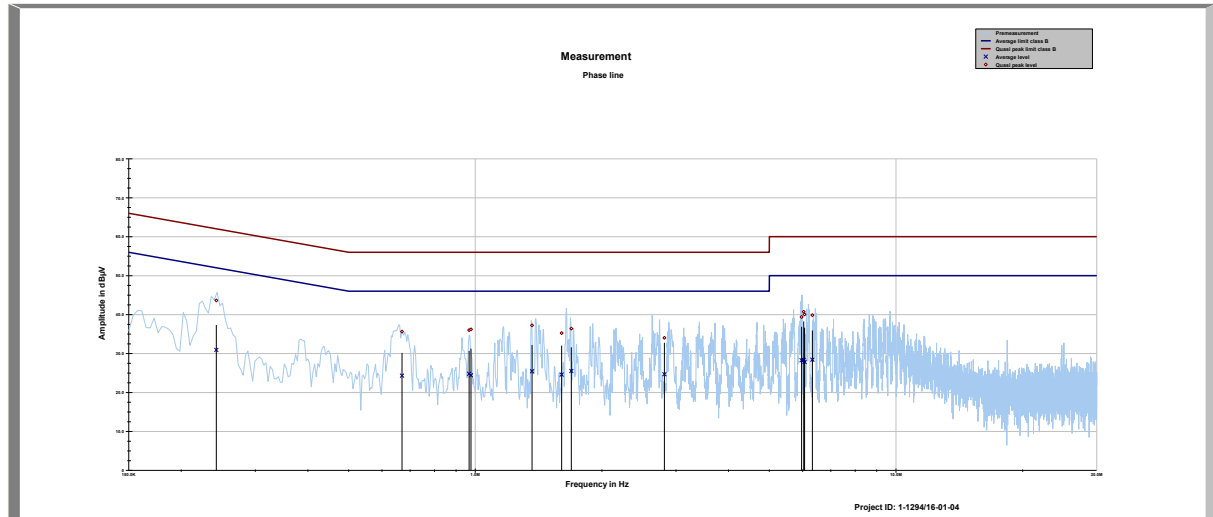
Limits:

Spurious Emissions Conducted < 30 MHz		
Frequency (MHz)	Quasi-Peak (dB μ V/m)	Average (dB μ V/m)
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30.0	60	50

*Decreases with the logarithm of the frequency

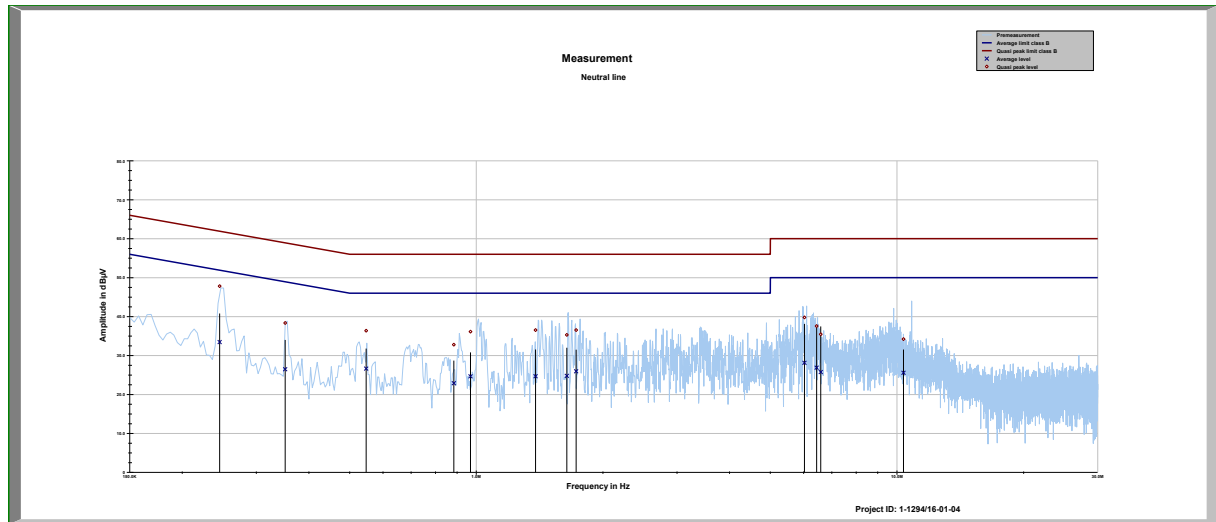
Results:

Spurious Emissions Conducted < 30 MHz [dB μ V/m]		
F [MHz]	Detector	Level [dB μ V/m]
All detected emissions are more than 20 dB below the limit.		

Plots:**Plot 1:** 150 kHz to 30 MHz, phase line

Frequency MHz	Quasi peak level dBμV	Margin quasi peak dB	Limit QP dBμV	Average level dBμV	Margin average dB	Limit AV dBμV
0.242349	43.63	18.38	62.015	30.91	22.45	53.361
0.669614	35.62	20.38	56.000	24.31	21.69	46.000
0.966699	36.01	19.99	56.000	24.79	21.21	46.000
0.976580	36.19	19.81	56.000	24.39	21.61	46.000
1.363974	37.22	18.78	56.000	25.45	20.55	46.000
1.604309	35.24	20.76	56.000	24.58	21.42	46.000
1.691766	36.40	19.60	56.000	25.51	20.49	46.000
2.814546	34.02	21.98	56.000	24.68	21.32	46.000
5.965352	39.38	20.62	60.000	28.26	21.74	50.000
6.036838	40.71	19.29	60.000	28.37	21.63	50.000
6.063208	40.03	19.97	60.000	27.83	22.17	50.000
6.328900	39.86	20.14	60.000	28.40	21.60	50.000

Plot 2: 150 kHz to 30 MHz, neutral line



Frequency MHz	Quasi peak level dBμV	Margin quasi peak dB	Limit QP dBμV	Average level dBμV	Margin average dB	Limit AV dBμV
0.245491	47.82	14.09	61.908	33.45	19.82	53.272
0.351306	38.34	20.59	58.932	26.47	23.78	50.248
0.547320	36.36	19.64	56.000	26.64	19.36	46.000
0.884476	32.77	23.23	56.000	22.89	23.11	46.000
0.968889	36.14	19.86	56.000	24.65	21.35	46.000
1.383030	36.53	19.47	56.000	24.69	21.31	46.000
1.641429	35.29	20.71	56.000	24.76	21.24	46.000
1.727572	36.53	19.47	56.000	25.95	20.05	46.000
6.026412	39.78	20.22	60.000	28.11	21.89	50.000
6.442626	37.57	22.43	60.000	26.87	23.13	50.000
6.589191	35.46	24.54	60.000	25.76	24.24	50.000
10.364982	34.22	25.78	60.000	25.56	24.44	50.000

13 Observations

No observations except those reported with the single test cases have been made.

Annex A Document history

Version	Applied changes	Date of release
	Initial release	2016-04-30

Annex B Further information

Glossary

AVG	-	Average
DUT	-	Device under test
EMC	-	Electromagnetic Compatibility
EN	-	European Standard
EUT	-	Equipment under test
ETSI	-	European Telecommunications Standard Institute
FCC	-	Federal Communication Commission
FCC ID	-	Company Identifier at FCC
HW	-	Hardware
IC	-	Industry Canada
Inv. No.	-	Inventory number
N/A	-	Not applicable
PP	-	Positive peak
QP	-	Quasi peak
S/N	-	Serial number
SW	-	Software
PMN	-	Product marketing name
HMN	-	Host marketing name
HVIN	-	Hardware version identification number
FVIN	-	Firmware version identification number

Annex C Accreditation Certificate

Front side of certificate

Back side of certificate



Deutsche Akkreditierungsstelle GmbH

Befähigung gemäß § 8 Absatz 1 AkkStelleG i.V.m. § 1 Absatz 1 AkkStelleGBV
 Unterzeichnerin der Multilateralen Abkommen
 von EA, ILAC und IAF zur gegenseitigen Anerkennung

Akkreditierung



Die Deutsche Akkreditierungsstelle GmbH bestätigt hiermit, dass das Prüflaboratorium

CETECOM ICT Services GmbH
 Untertürkheimer Straße 6-10, 66117 Saarbrücken

die Kompetenz nach DIN EN ISO/IEC 17025:2005 besitzt, Prüfungen in folgenden Bereichen durchzuführen:

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 VoIP und DECT
 Akustik
 Funk einschließlich WLAN
 Short Range Devices (SRD)
 RFID
 Wimax und Richtfunk
 Mobilfunk (GSM / GPRS, Over the Air (OTA) Performance)
 Elektromagnetische Verträglichkeit (EMV) einschließlich Automotive
 Produktsicherheit
 SAR und Hearing Aid Compatibility (HAC)
 Umweltsimulation
 Smart Card Terminals
 Bluetooth
 Wi-Fi-Services

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Frankfurt am Main, 07.03.2014

Datei: D-PL-12076-01-00

(Signature)
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 Akkreditierungsstelle

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Die auszugsweise Veröffentlichung der Akkreditierungsurkunde beschränkt die vorherigen schriftlichen Zustimmung der Deutschen Akkreditierungsstelle GmbH (DAkkS). Ausgenommen davon ist die separate Weiterverbreitung des Deckblattes durch die umsatzbezogene Konformitätsbewertungsstelle in unveränderter Form.

Es darf nicht der Anschein erweckt werden, dass sich die Akkreditierung auch auf Bereiche erstreckt, die über den durch die DAkkS bestätigten Akkreditierungsbereich hinausgehen.

Die Akkreditierung erfolgt gemäß des Gesetzes über die Akkreditierungsstellen (AkkStelleG) vom 31. Juli 2009 (BGBl. I S. 2625) sowie der Verordnung (EG) Nr. 765/2008 des Europäischen Parlaments und des Rates vom 9. Juli 2008 über die Vorschriften für die Akkreditierung und Marktüberwachung im Zusammenhang mit der Vermarktung von Produkten (Abk. L 218 vom 9. Juli 2008, S. 30). Die DAkkS ist Unterzeichnerin der Multilateralen Abkommen zur gegenseitigen Anerkennung der Ergebnisse von Prüfungen für Akkreditierung (EAC), des Internationalen Akkreditationsforums (IAF) und der International Laboratory Accreditation Cooperation (ILAC). Die Unterzeichner dieser Abkommen erkennen ihre Akkreditierungen gegenseitig an.

Der aktuelle Stand der Mitgliedschaft kann folgenden Webseiten entnommen werden:

EA: www.europeanconformity.com
 ILAC: www.ilac.org
 IAF: www.iaf.or.jp

Note:

The current certificate including annex may be received from CETECOM ICT Services GmbH on request.