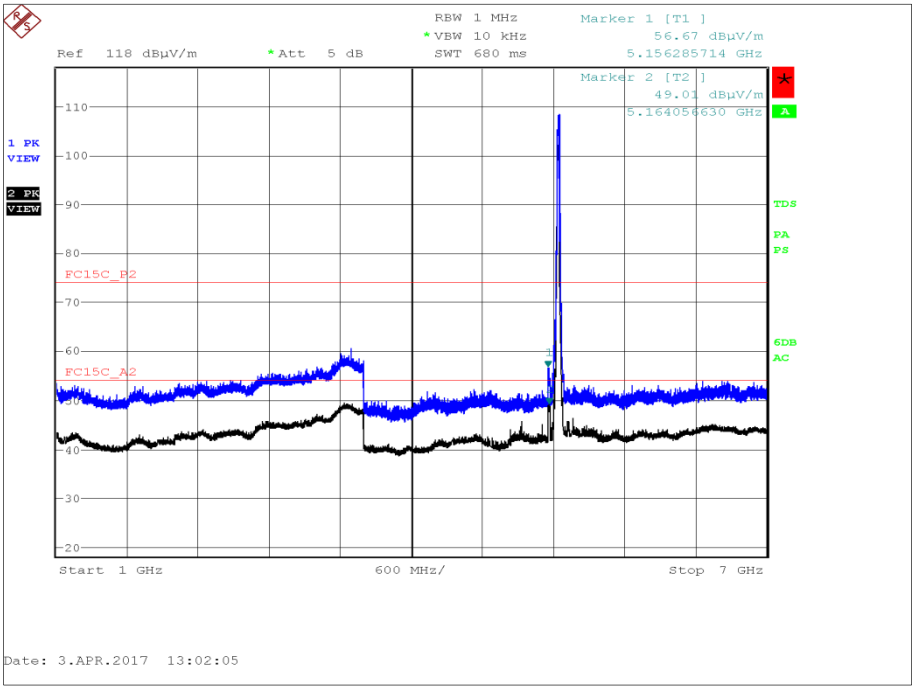

Figure 256 - U-NII 1 - 5200 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

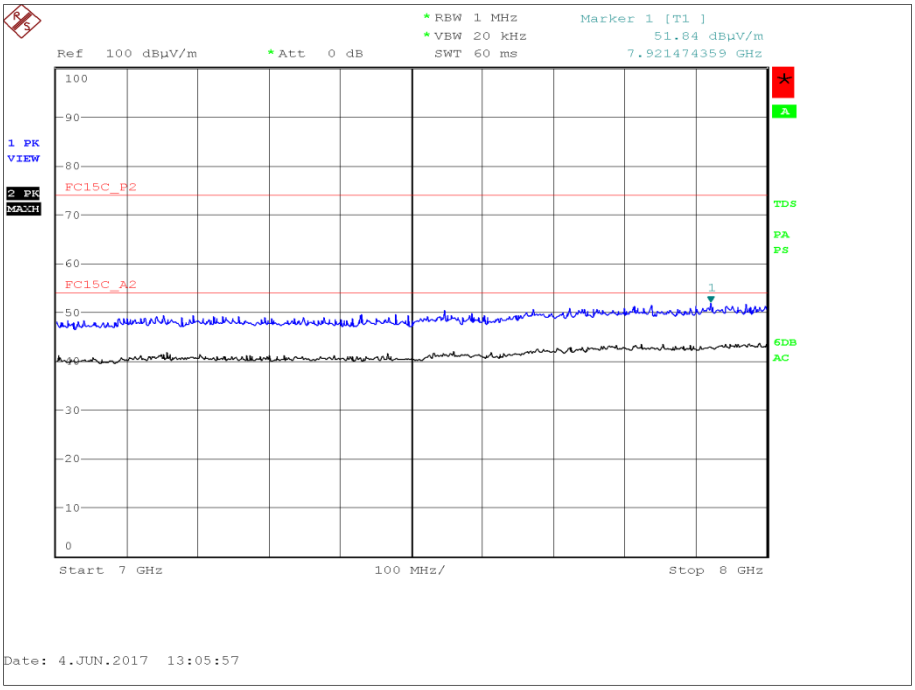

Figure 257 - U-NII 1 - 5200 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

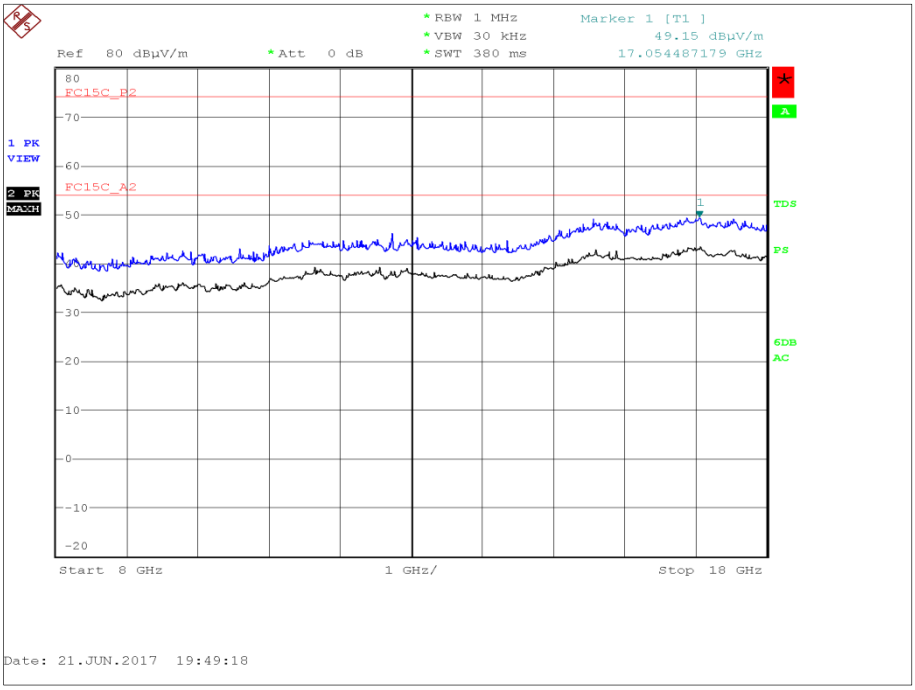

Figure 258 - U-NII 1 - 5200 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

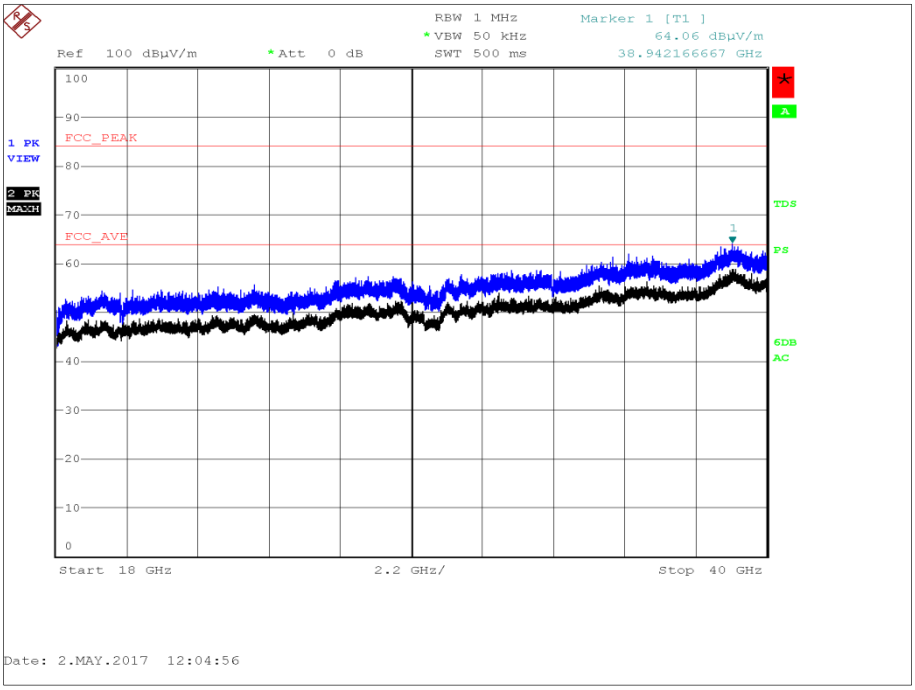

Figure 259 - U-NII 1 - 5200 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.637	34.5	40.0	-5.5	224	1.00	Vertical
34.090	30.8	40.0	-9.2	52	1.00	Vertical
61.997	27.7	40.0	-12.3	173	1.00	Vertical
272.846	23.9	46.0	-22.1	282	1.00	Vertical
563.956	36.6	46.0	-9.4	175	1.00	Vertical
618.244	41.1	46.0	-4.9	284	1.00	Vertical

Table 208 - U-NII 1 - 5240 MHz - 30 MHz to 1 GHz

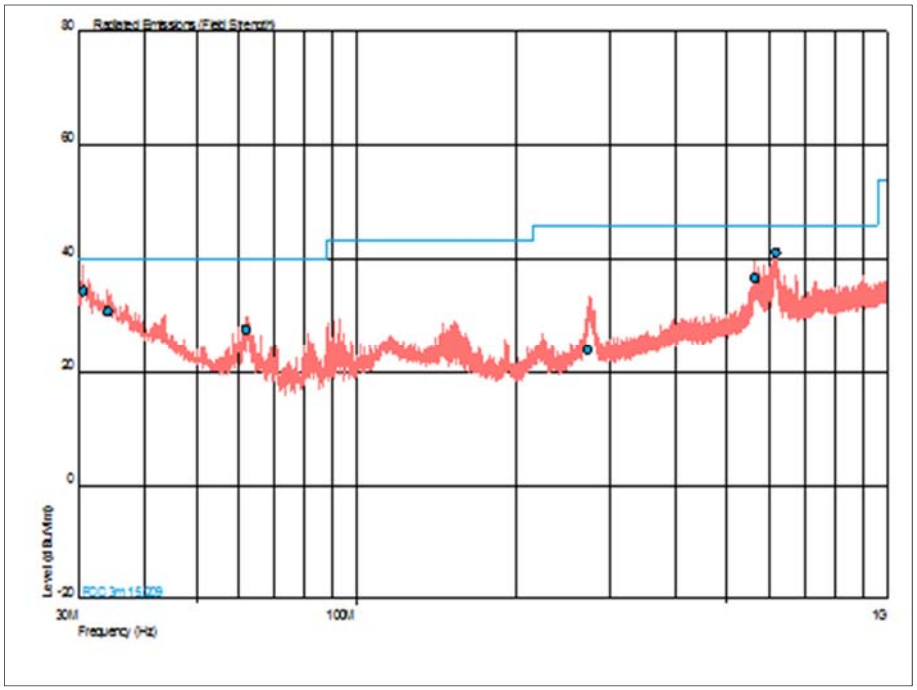

Figure 260 - U-NII 1 - 5240 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.156	941.89	303.39	5000.00	500.00	4058.11	196.61

Table 209 - U-NII 1 - 5240 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

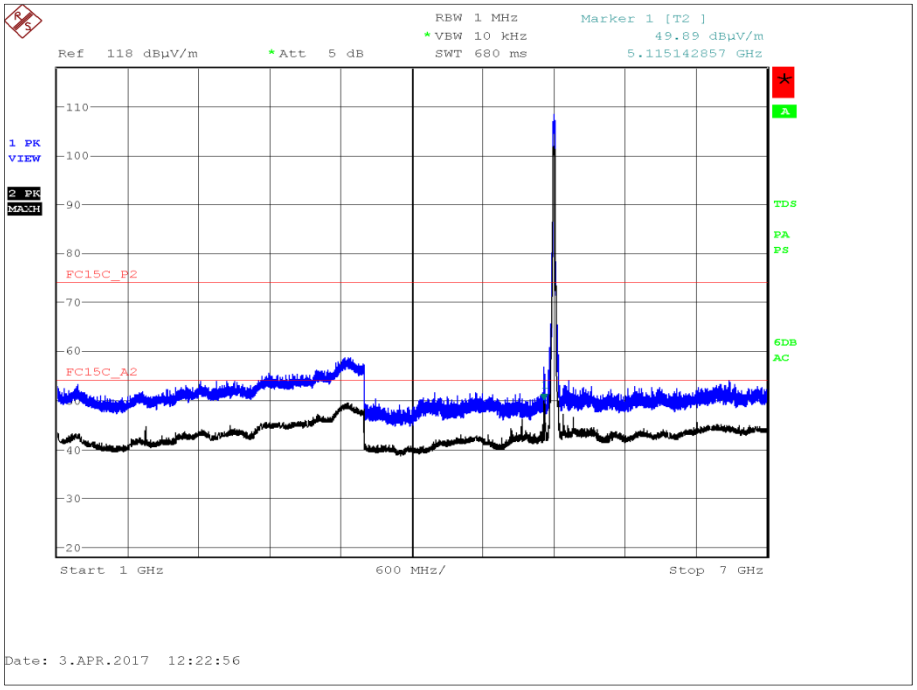

Figure 261 - U-NII 1 - 5240 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

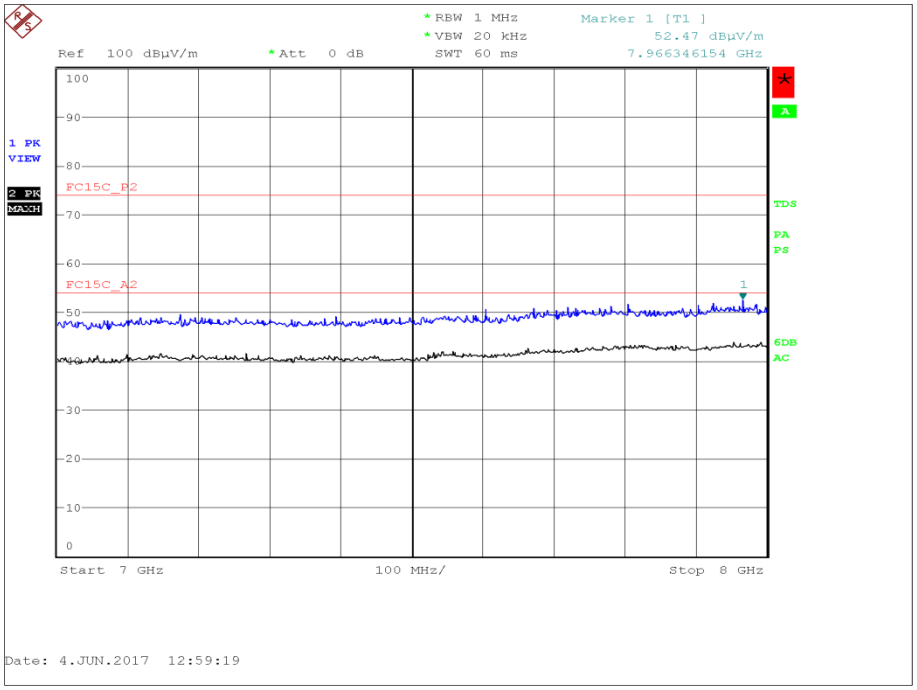

Figure 262 - U-NII 1 - 5240 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

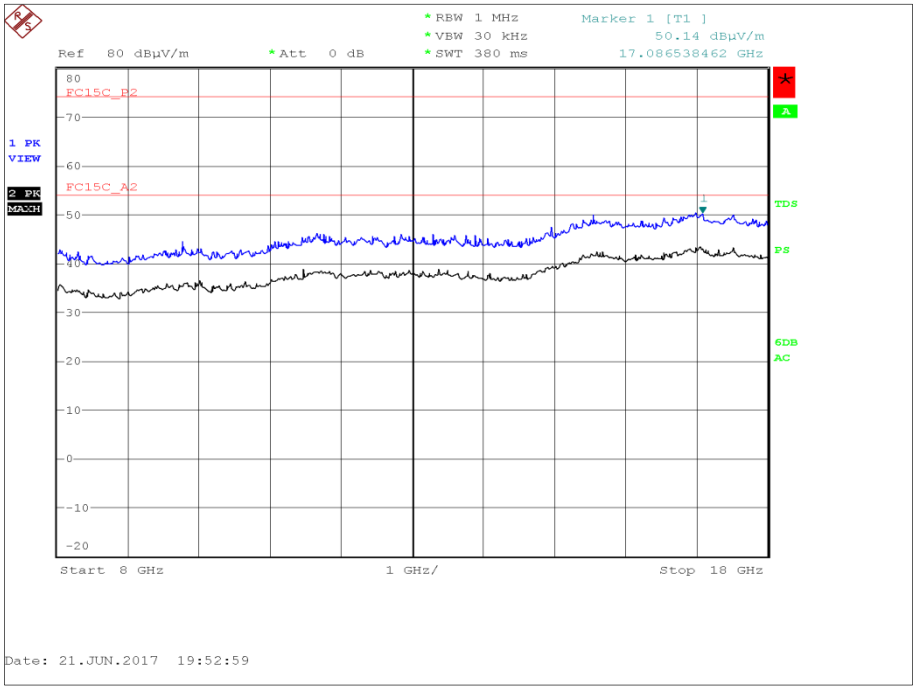

Figure 263 - U-NII 1 - 5240 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

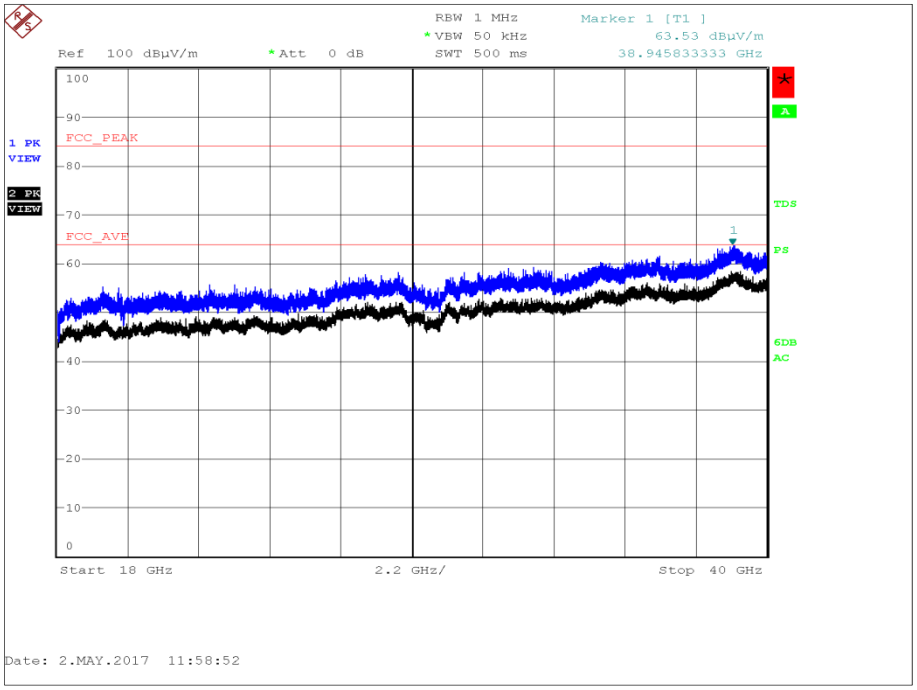

Figure 264 - U-NII 1 - 5240 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.550	30.2	40.0	-9.8	360	1.00	Vertical
34.656	32.5	40.0	-7.5	11	1.00	Vertical
56.550	29.1	40.0	-10.9	42	1.00	Vertical
145.285	31.0	43.5	-12.5	97	1.17	Vertical
592.603	35.4	46.0	-10.6	26	1.08	Horizontal
616.994	38.3	46.0	-7.7	38	1.00	Horizontal

Table 210 - U-NII 2a - 5260 MHz - 30 MHz to 1 GHz

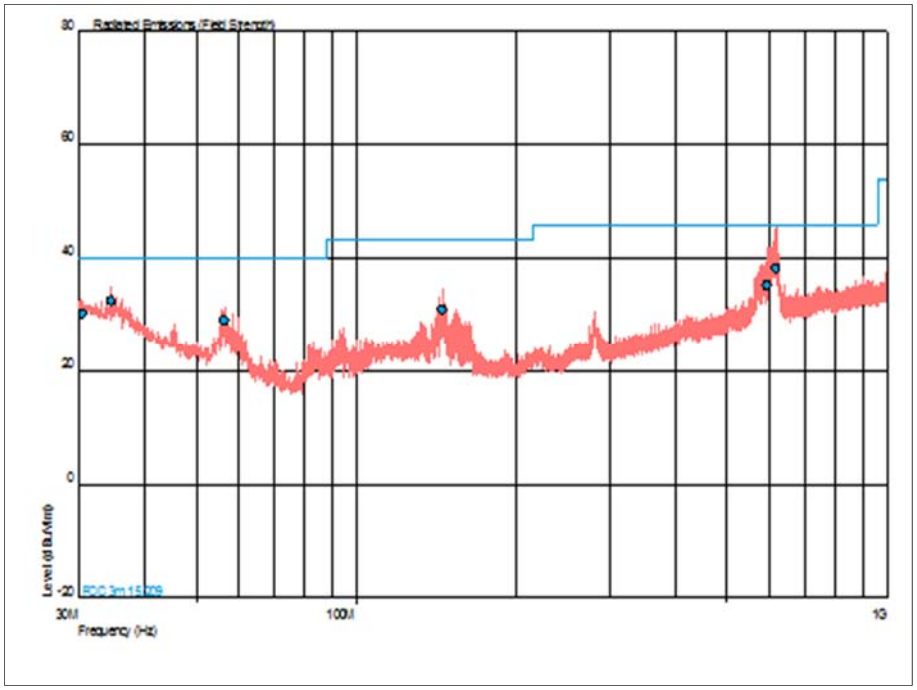

Figure 265 - U-NII 2a - 5260 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.17777	996.55	320.26	5000.00	500.00	4003.45	179.74

Table 211 - U-NII 2a - 5260 - 1 GHz to 40 GHz - Emissions Results

No other emissions were detected within 6 dB of the limit.

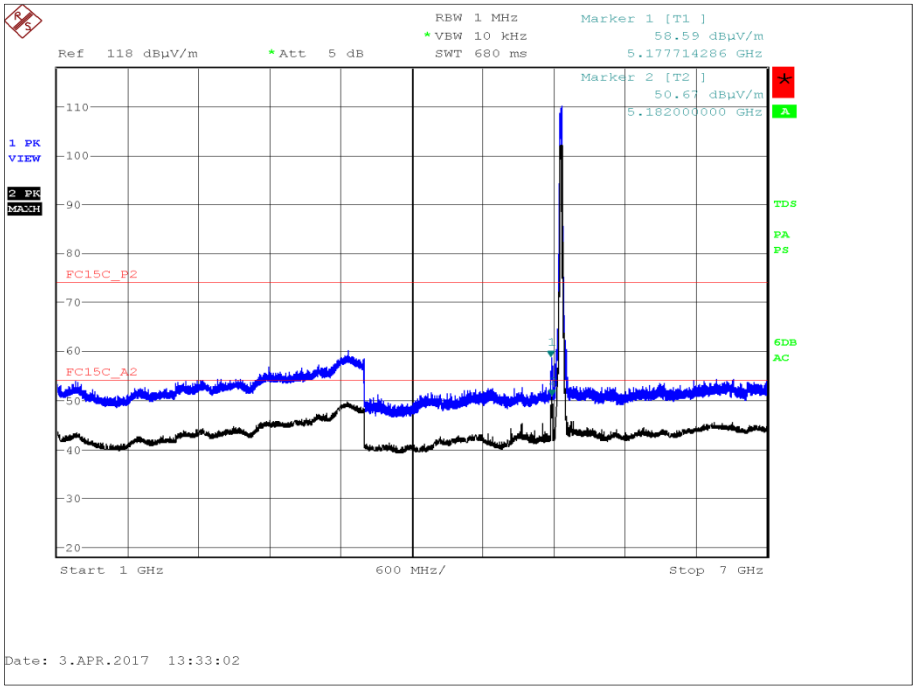

Figure 266 - U-NII 2a - 5260 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

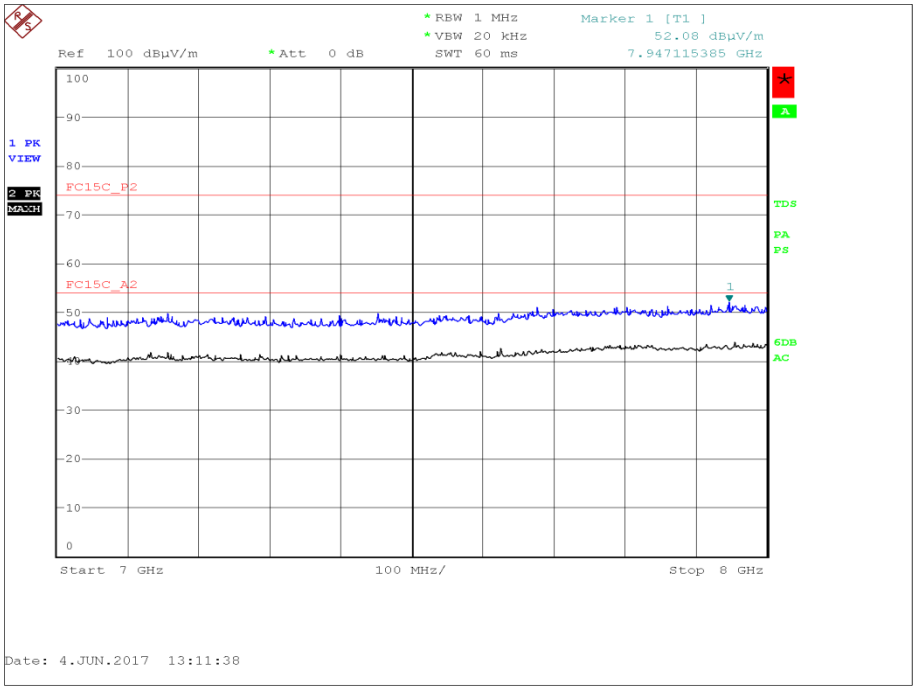

Figure 267 - U-NII 2a - 5260 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

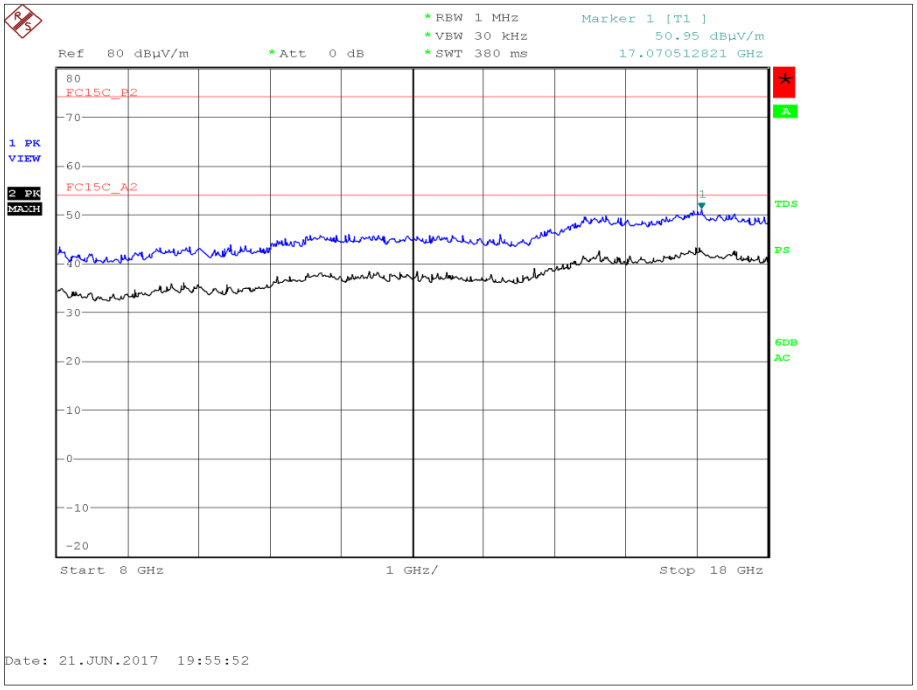

Figure 268 - U-NII 2a - 5260 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

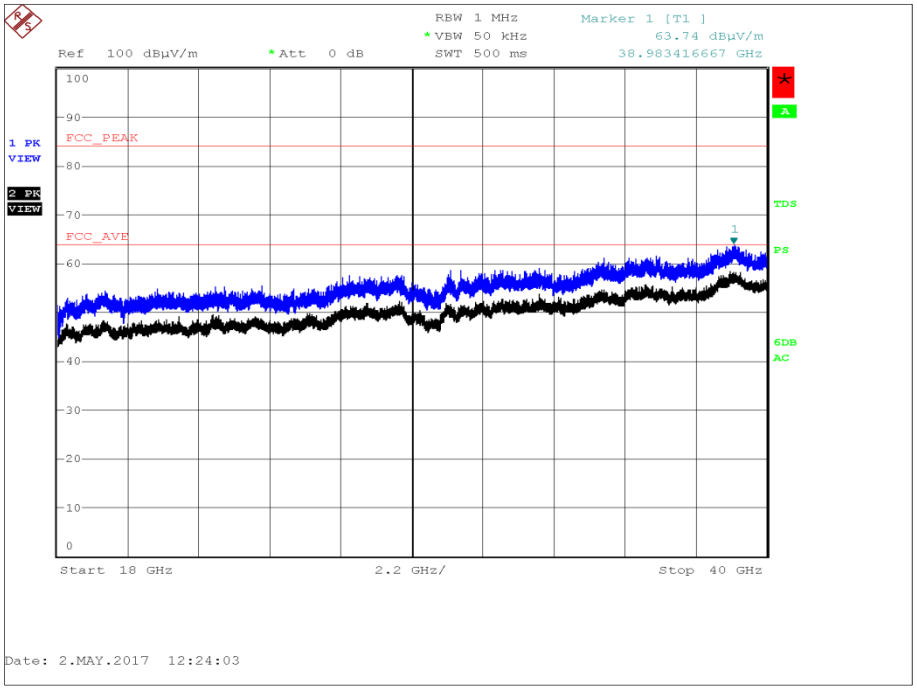

Figure 269 - U-NII 2a - 5260 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
34.555	28.2	40.0	-11.8	49	1.00	Horizontal
56.657	29.4	40.0	-10.6	360	1.00	Vertical
145.299	31.7	43.5	-11.8	104	1.00	Vertical
279.842	23.3	46.0	-22.7	279	1.00	Horizontal
602.883	38.1	46.0	-7.9	0	1.00	Horizontal
622.001	40.3	46.0	-5.7	80	1.00	Vertical

Table 212 - U-NII 2a - 5300 MHz - 30 MHz to 1 GHz

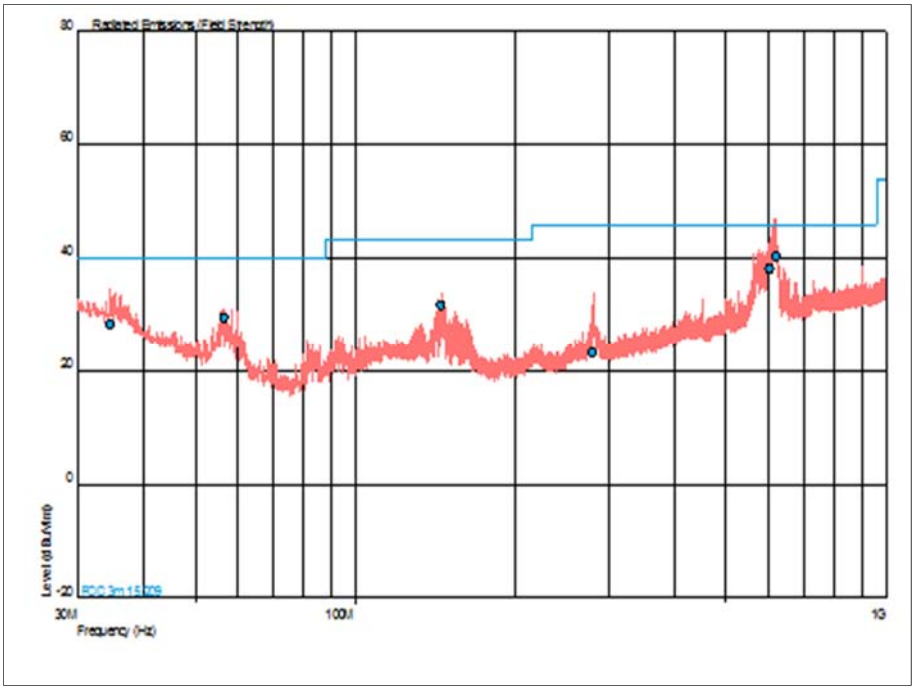

Figure 270 - U-NII 2a - 5300 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.20455	859.01	282.81	5000.00	500.00	4140.99	217.19

Table 213 - U-NII 2a - 5300 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

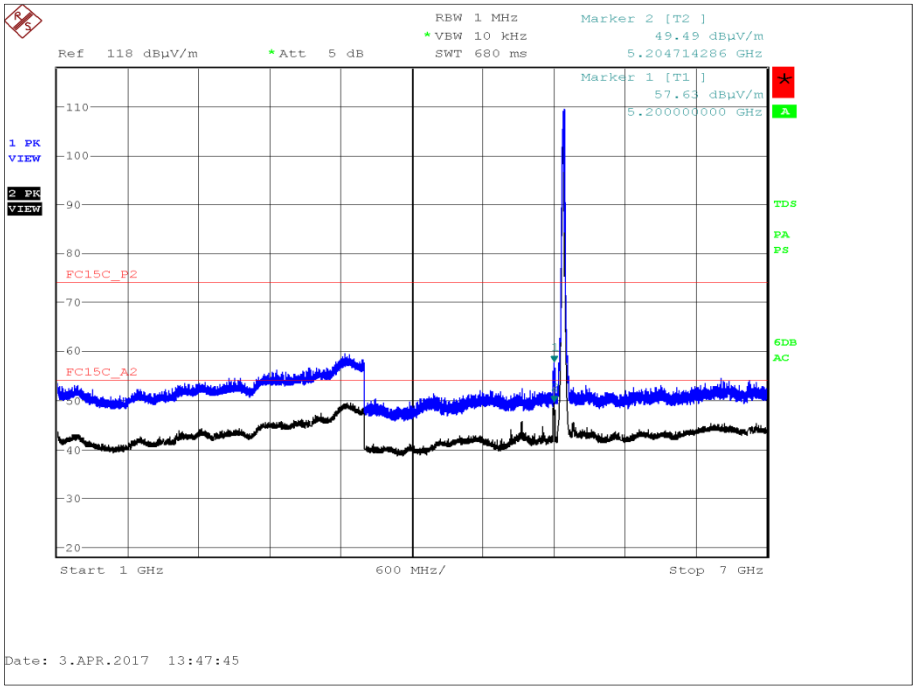

Figure 271 - U-NII 2a - 5300 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

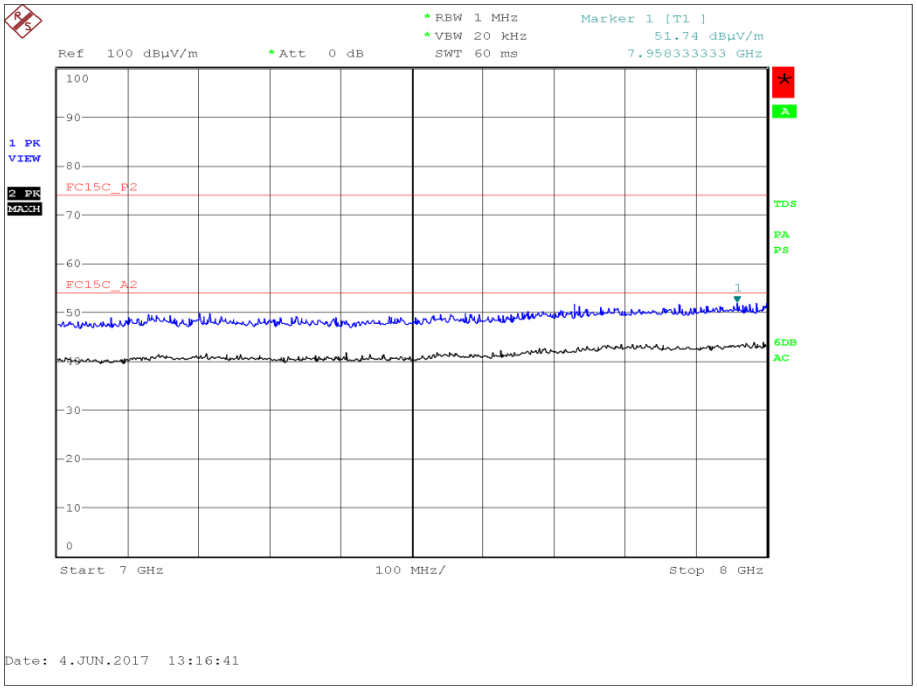

Figure 272 - U-NII 2a - 5300 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

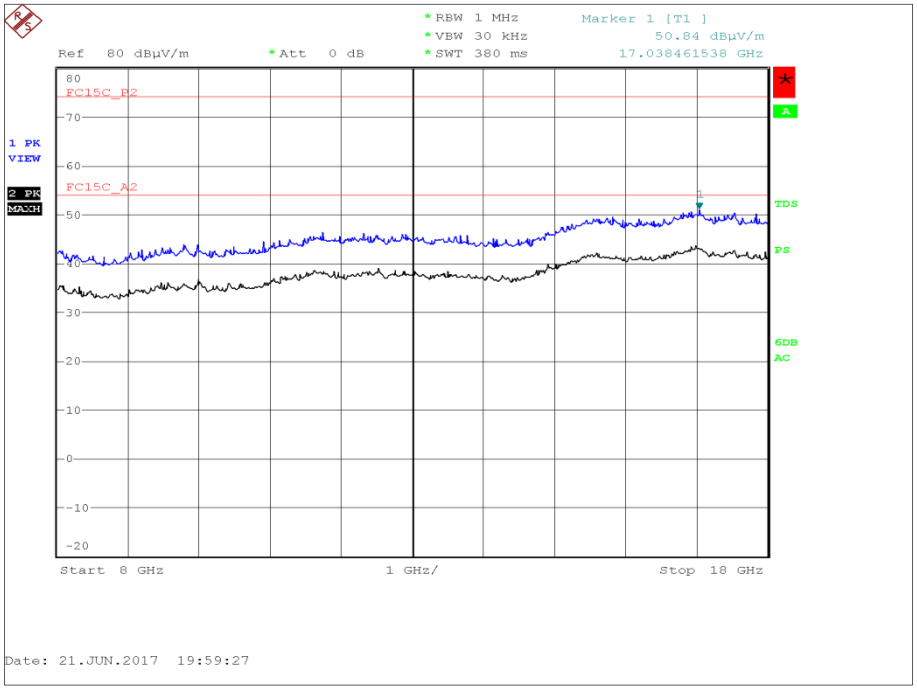

Figure 273 - U-NII 2a - 5300 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

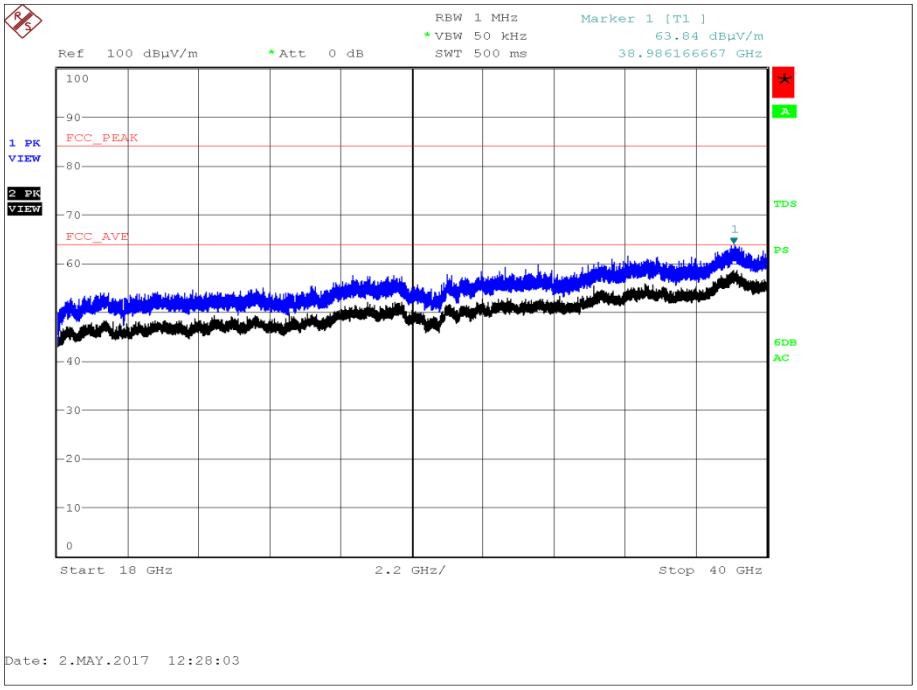

Figure 274 - U-NII 2a - 5300 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
31.198	30.3	40.0	-9.7	36	1.00	Horizontal
58.705	27.9	40.0	-12.1	25	1.00	Vertical
143.317	28.9	43.5	-14.6	129	1.00	Vertical
604.874	38.2	46.0	-7.8	330	1.00	Vertical
618.788	37.6	46.0	-8.4	231	1.00	Vertical
900.027	37.3	46.0	-8.7	269	1.00	Horizontal

Table 214 - U-NII 2a - 5320 MHz - 30 MHz to 1 GHz

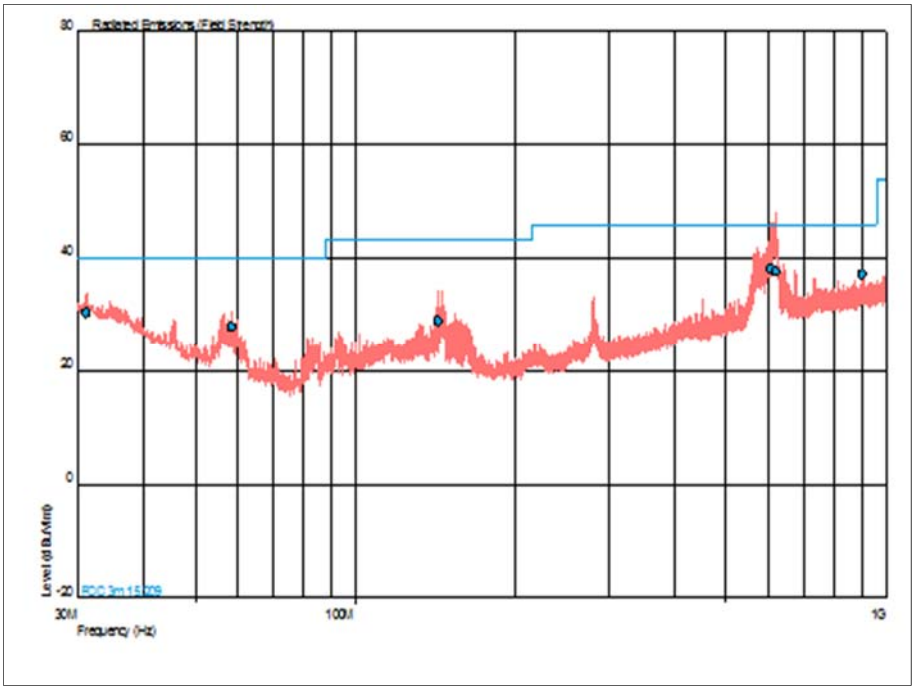

Figure 275 - U-NII 2a - 5320 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.240	773.57	250.9	5000.00	500.00	4226.43	249.10

Table 215 - U-NII 2a - 5320 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

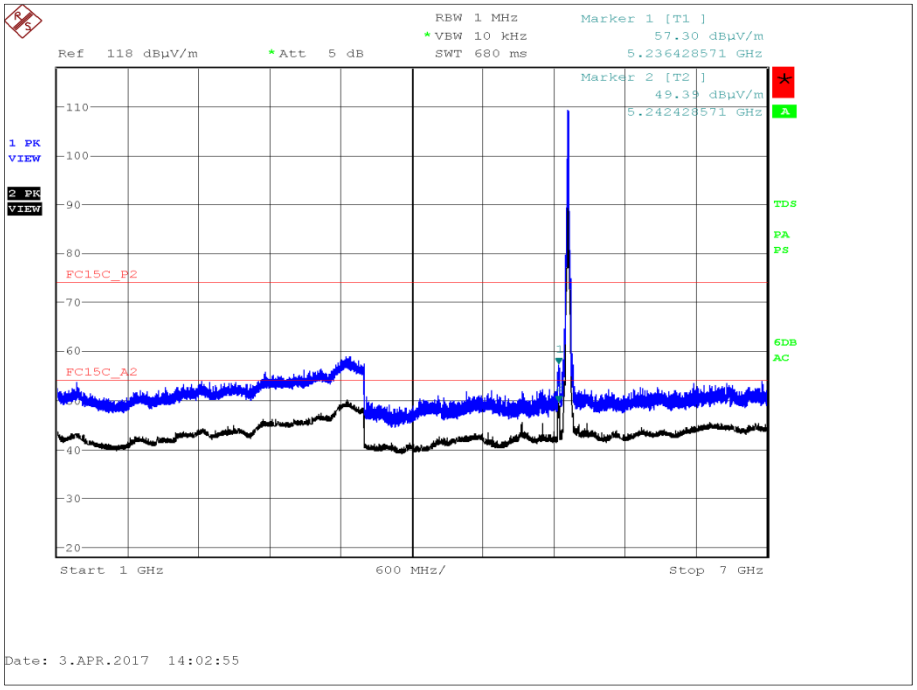

Figure 276 - U-NII 2a - 5320 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

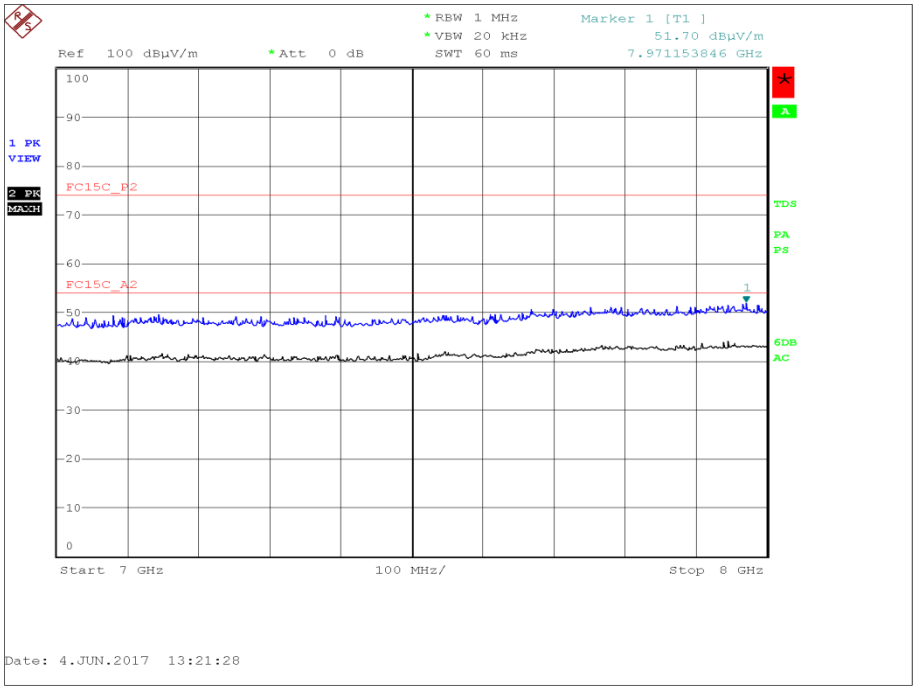

Figure 277 - U-NII 2a - 5320 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

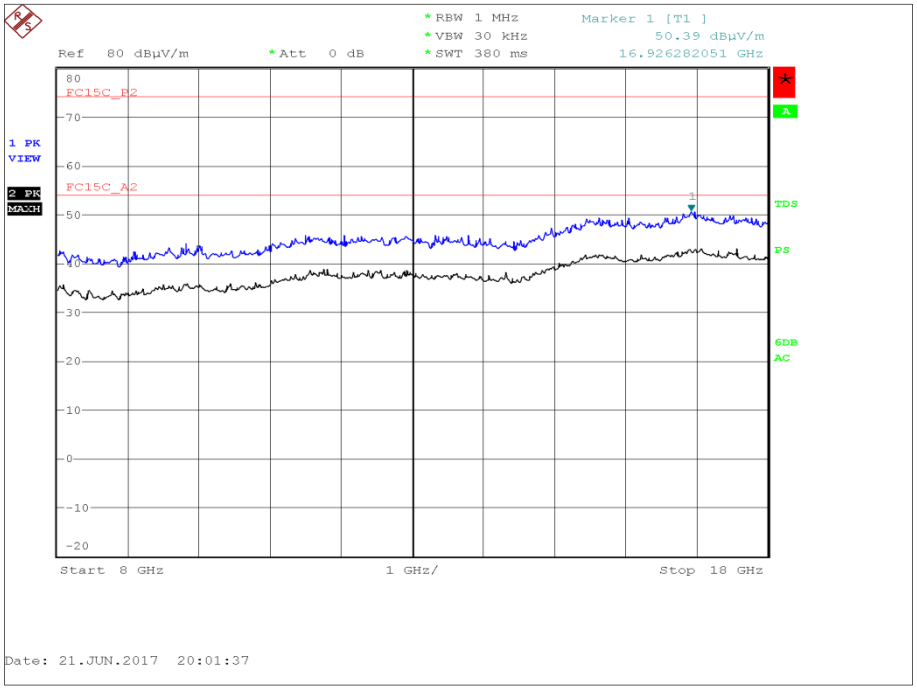

Figure 278 - U-NII 2a - 5320 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

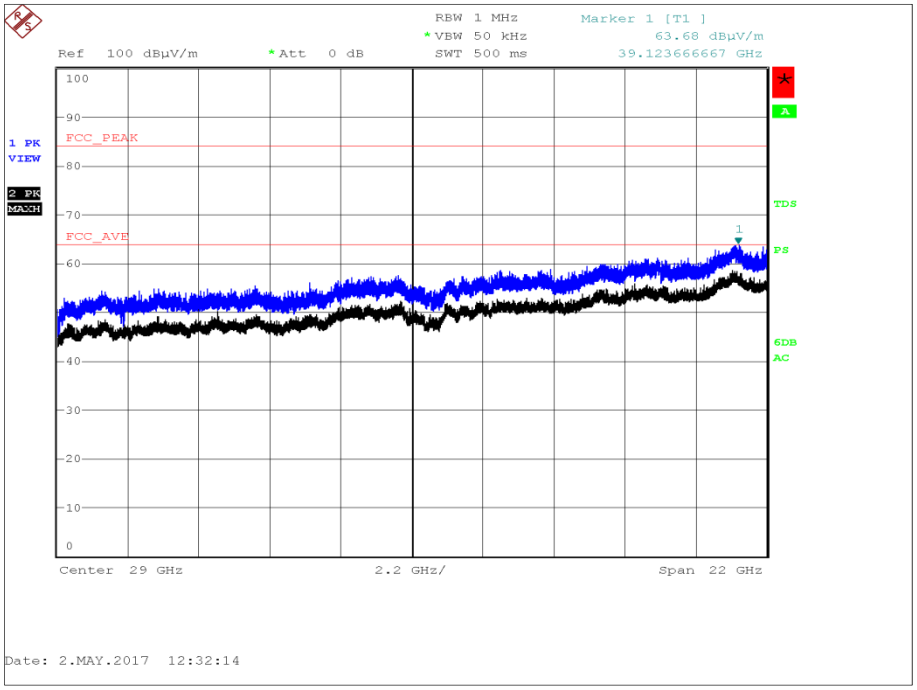

Figure 279 - U-NII 2a - 5320 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
32.620	30.1	40.0	-9.9	61	1.00	Vertical
34.643	30.7	40.0	-9.3	247	1.00	Vertical
58.787	27.7	40.0	-12.3	0	1.00	Vertical
145.259	32.6	43.5	-10.9	123	1.00	Vertical
612.893	41.6	46.0	-4.4	37	1.00	Horizontal
617.795	39.0	46.0	-7.0	97	1.67	Horizontal

Table 216 - U-NII 2c - 5500 MHz - 30 MHz to 1 GHz

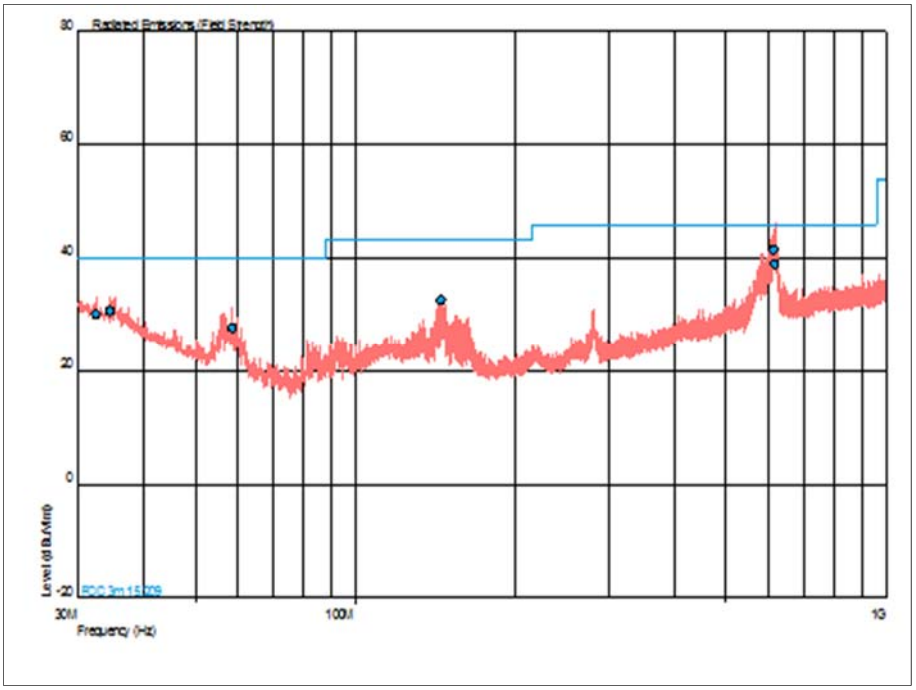

Figure 280 - U-NII 2c - 5500 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.420	826.04	257.04	5000.00	500.00	4173.96	242.96

Table 217 - U-NII 2c - 5500 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

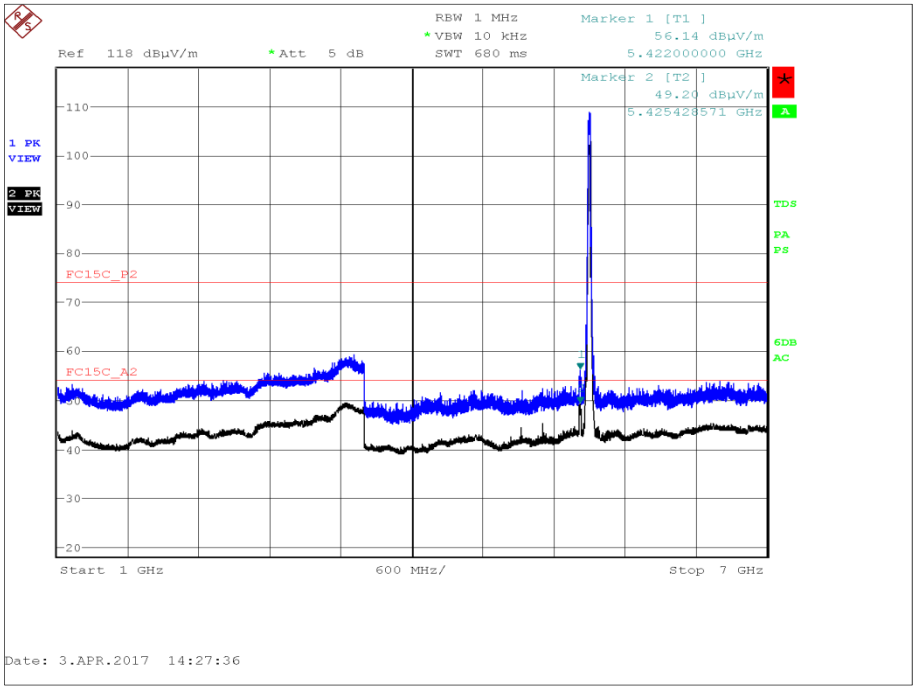

Figure 281 - U-NII 2c - 5500 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

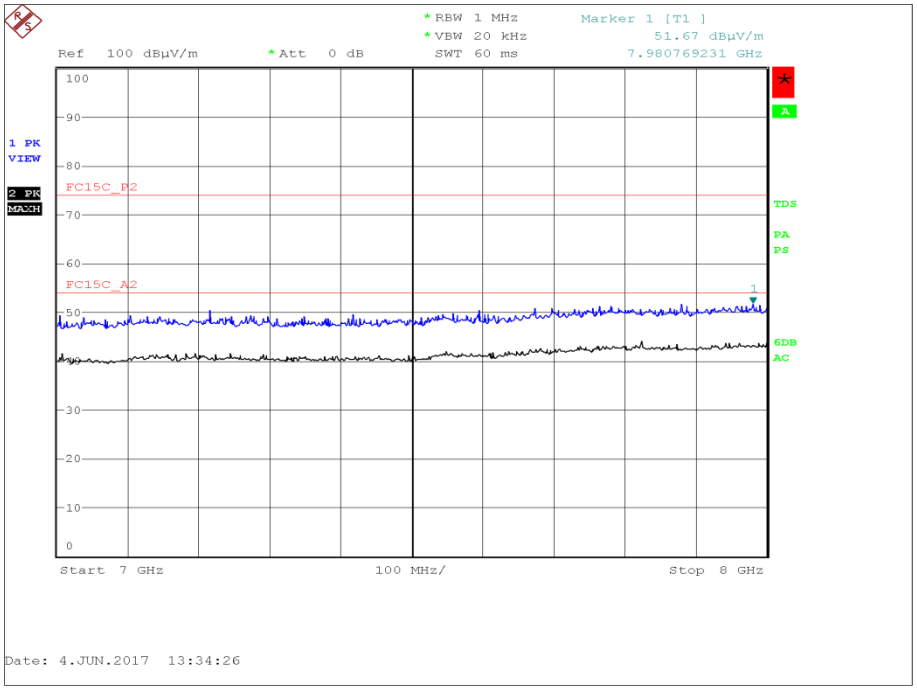

Figure 282 - U-NII 2c - 5500 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

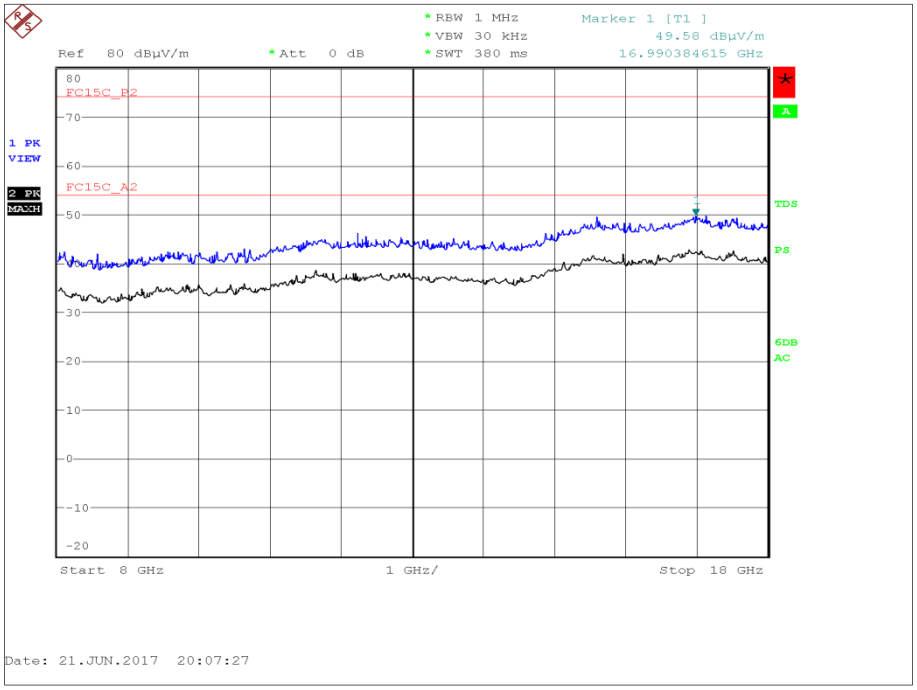

Figure 283 - U-NII 2c - 5500 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

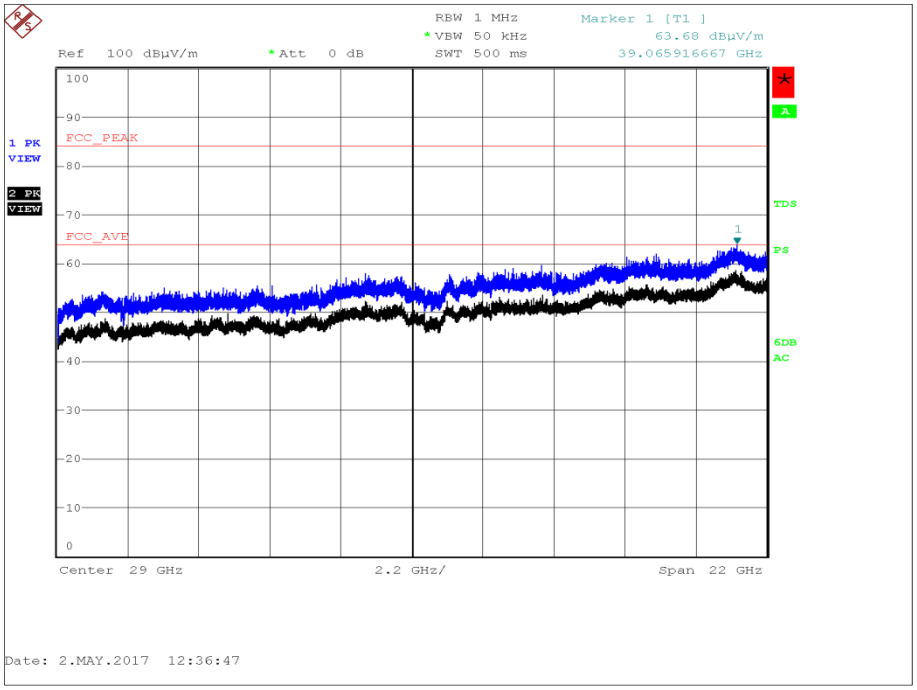

Figure 284 - U-NII 2c - 5500 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
34.642	31.4	40.0	-8.6	19	1.00	Vertical
60.217	29.1	40.0	-10.9	13	1.00	Vertical
145.269	32.2	43.5	-11.3	93	1.16	Vertical
281.521	27.7	46.0	-18.3	99	1.00	Horizontal
570.969	38.0	46.0	-8.0	24	1.00	Vertical
613.208	41.5	46.0	-4.5	25	1.46	Horizontal

Table 218 - U-NII 2c - 5580 MHz - 30 MHz to 1 GHz

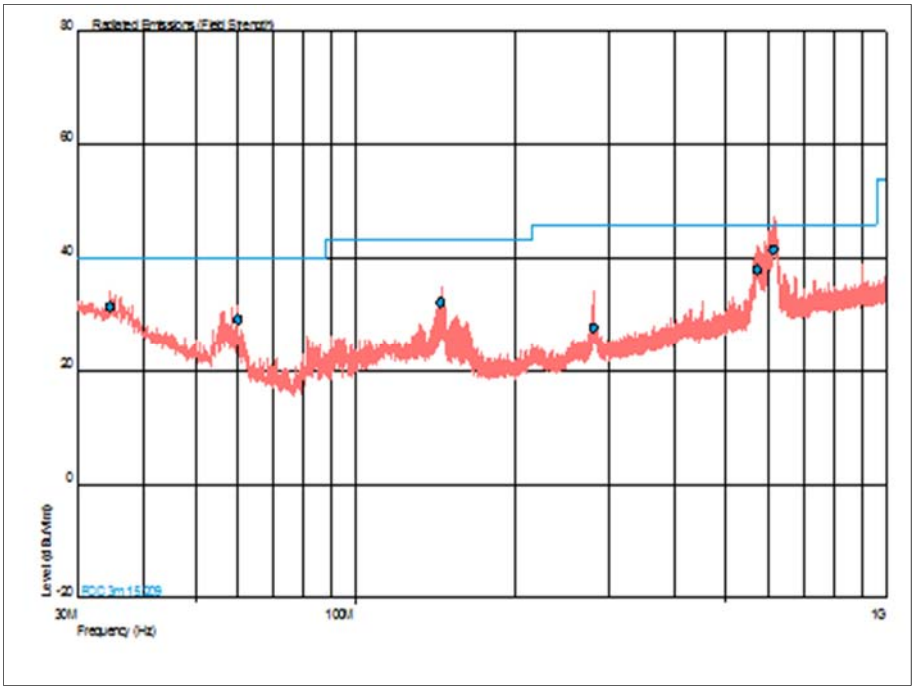

Figure 285 - U-NII 2c - 5580 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.49	878.01	259.42	5000.00	500.00	4121.99	240.58

Table 219 - U-NII 2c - 5580 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

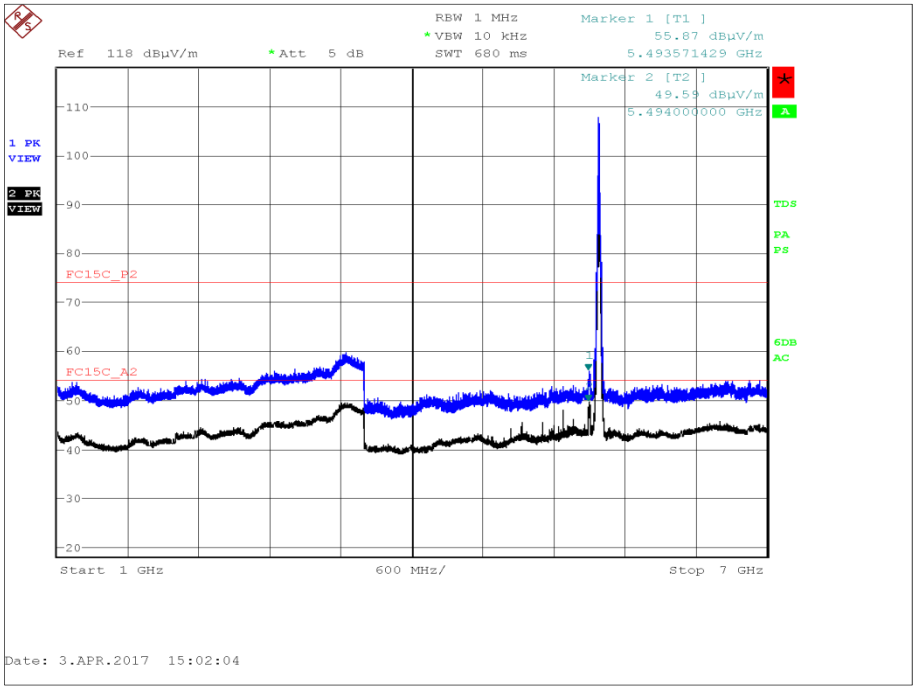

Figure 286 - U-NII 2c - 5580 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

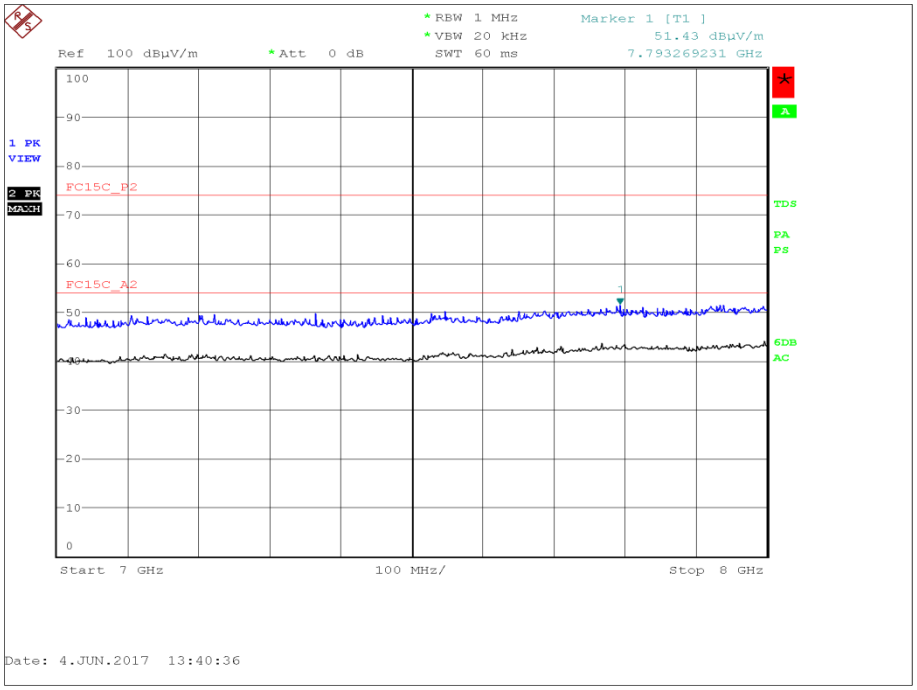

Figure 287 - U-NII 2c - 5580 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

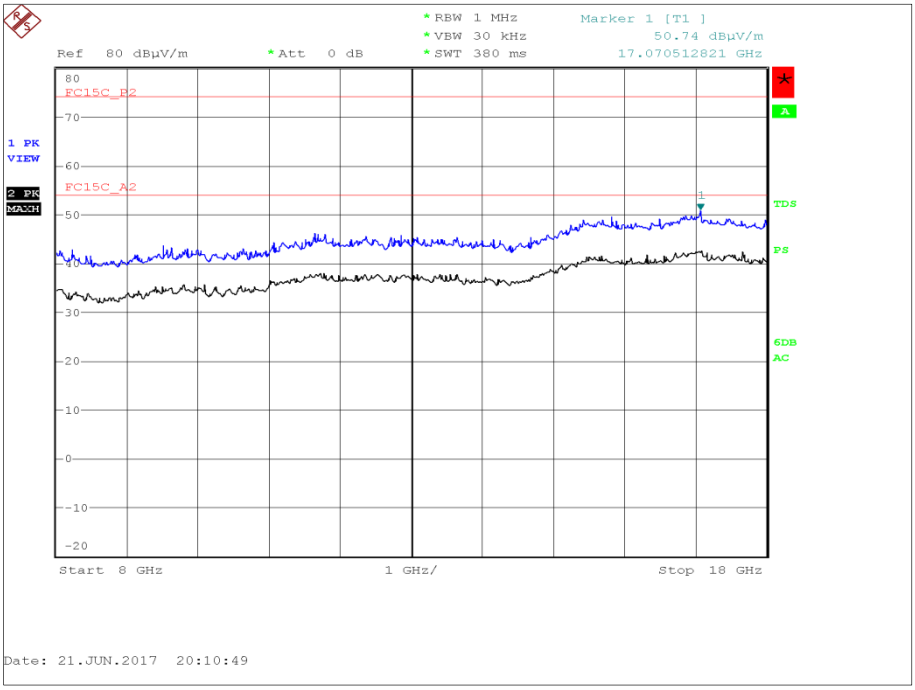

Figure 288 - U-NII 2c - 5580 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

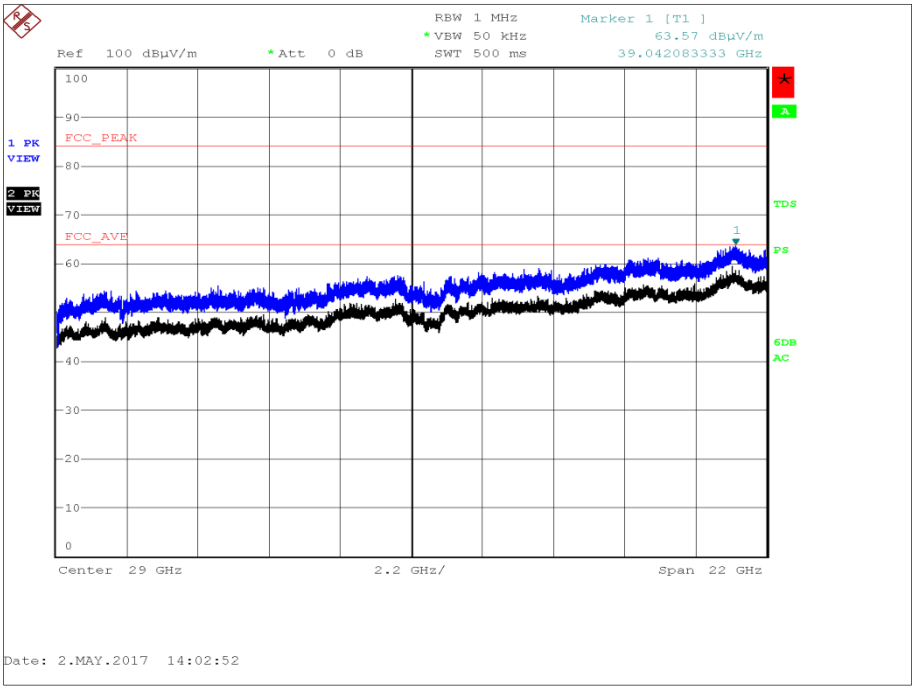

Figure 289 - U-NII 2c - 5580 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
36.559	27.2	40.0	-12.8	141	1.00	Horizontal
60.233	29.0	40.0	-11.0	8	1.00	Vertical
145.864	26.6	43.5	-16.9	82	1.00	Vertical
281.188	28.3	46.0	-17.7	77	1.00	Horizontal
569.063	36.2	46.0	-9.8	331	1.00	Vertical
612.896	42.0	46.0	-4.0	0	1.00	Horizontal

Table 220 - U-NII 2c - 5700 MHz - 30 MHz to 1 GHz

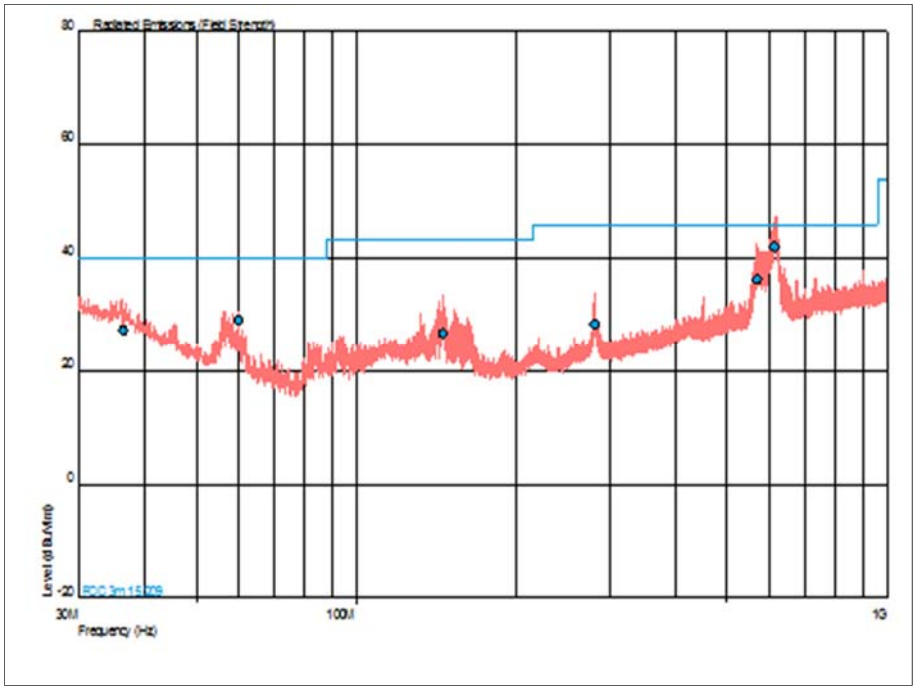

Figure 290 - U-NII 2c - 5700 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.616	731.98	213.80	5000.00	500.00	4268.02	286.20

Table 221 - U-NII 2c - 5700 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

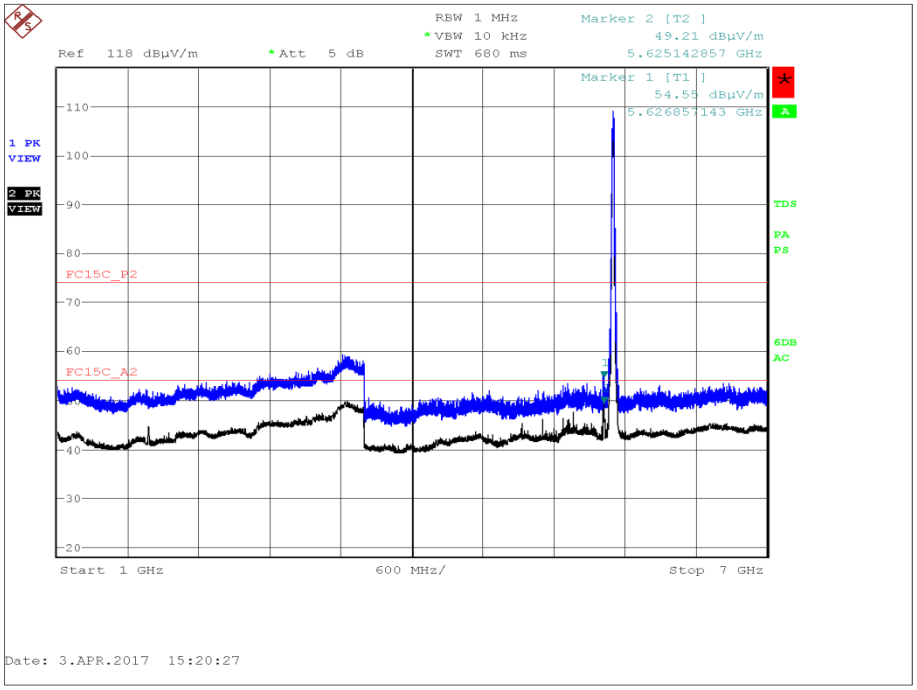

Figure 291 - U-NII 2c - 5700 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

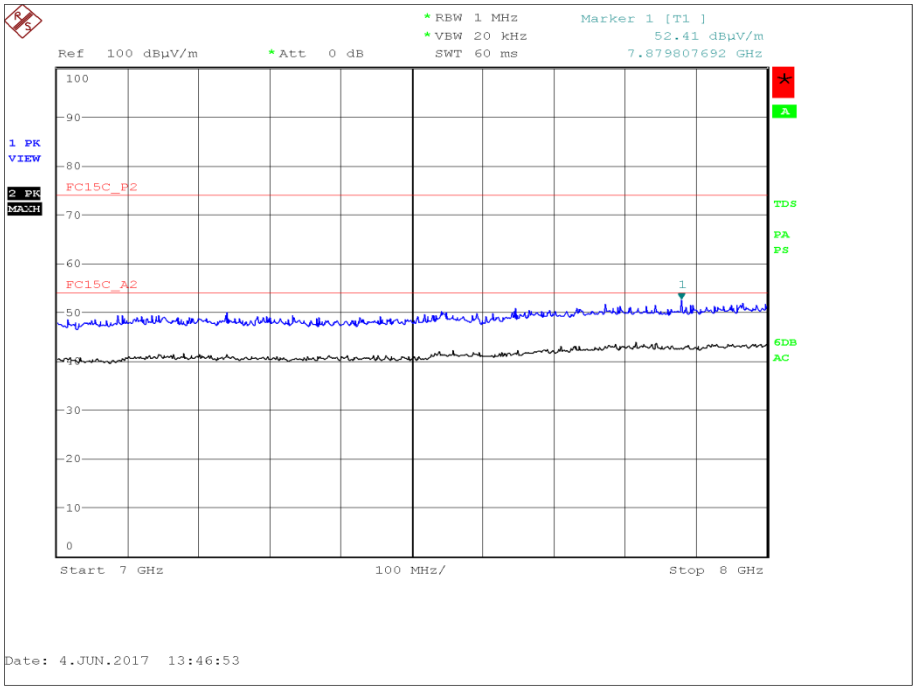

Figure 292 - U-NII 2c - 5700 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

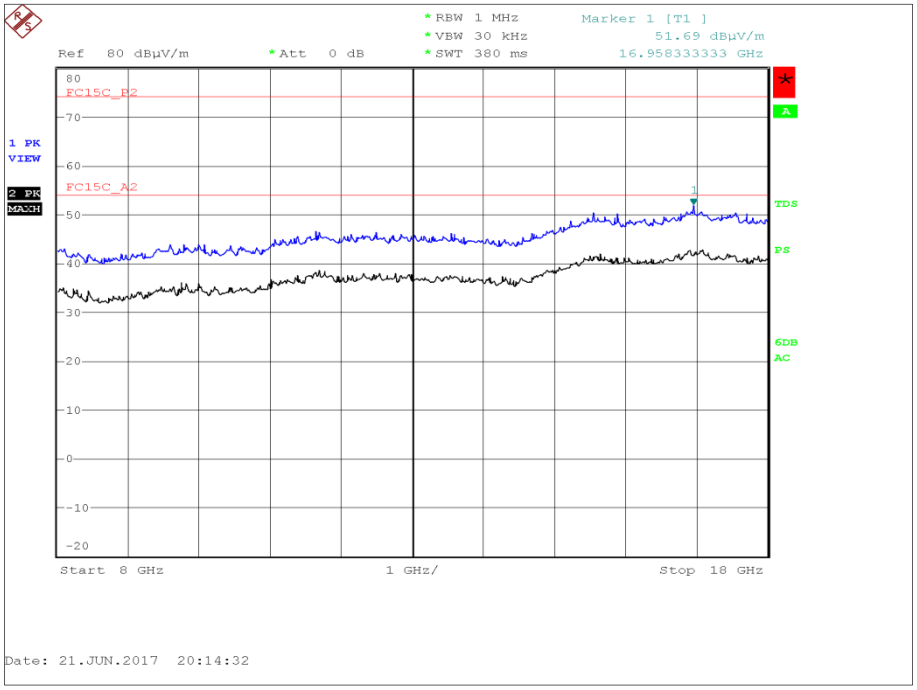

Figure 293 - U-NII 2c - 5700 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

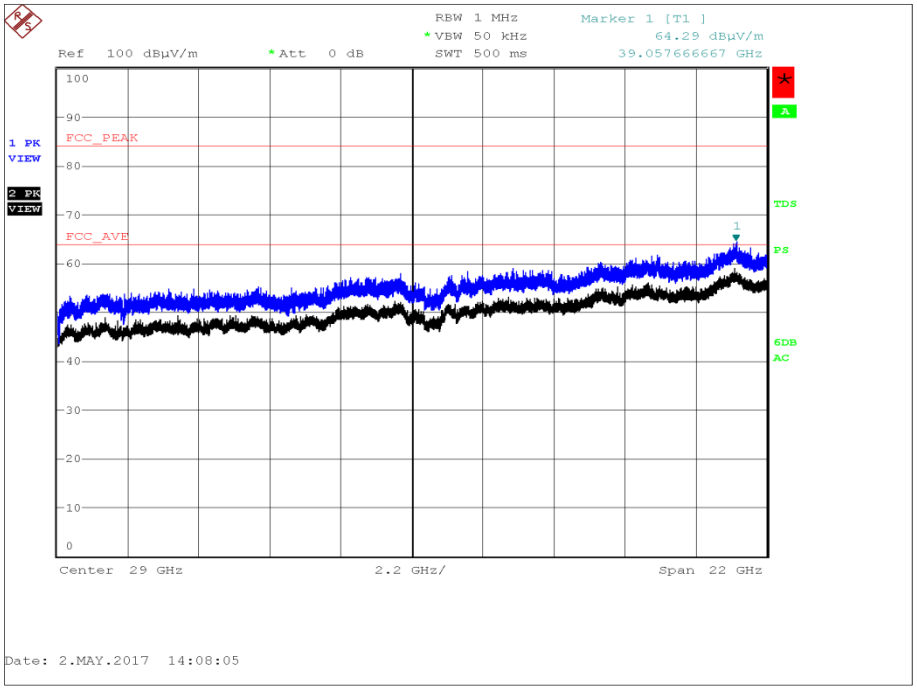

Figure 294 - U-NII 2c - 5700 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
31.161	30.2	40.0	-9.8	360	1.00	Vertical
37.500	27.0	40.0	-13.0	35	1.00	Vertical
608.000	32.6	46.0	-13.4	102	1.00	Vertical
612.548	40.5	46.0	-5.5	17	1.00	Vertical
614.000	38.8	46.0	-7.2	13	1.00	Vertical
960.000	33.9	46.0	-12.1	204	1.00	Vertical

Table 222 - U-NII 3 - 5745 MHz - 30 MHz to 1 GHz

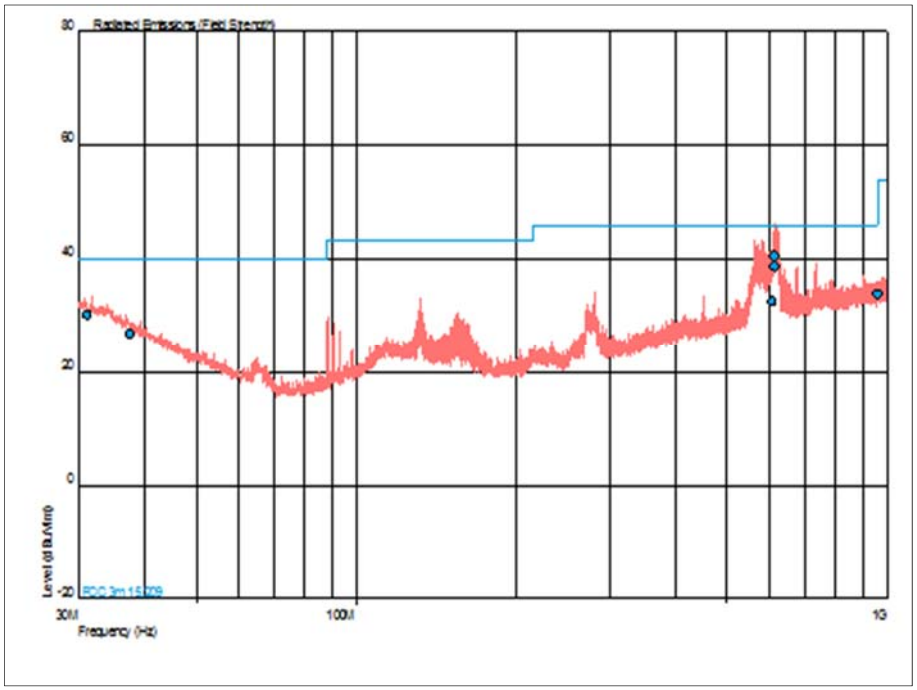

Figure 295 - U-NII 3 - 5745 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 223 - U-NII 3 - 5745 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

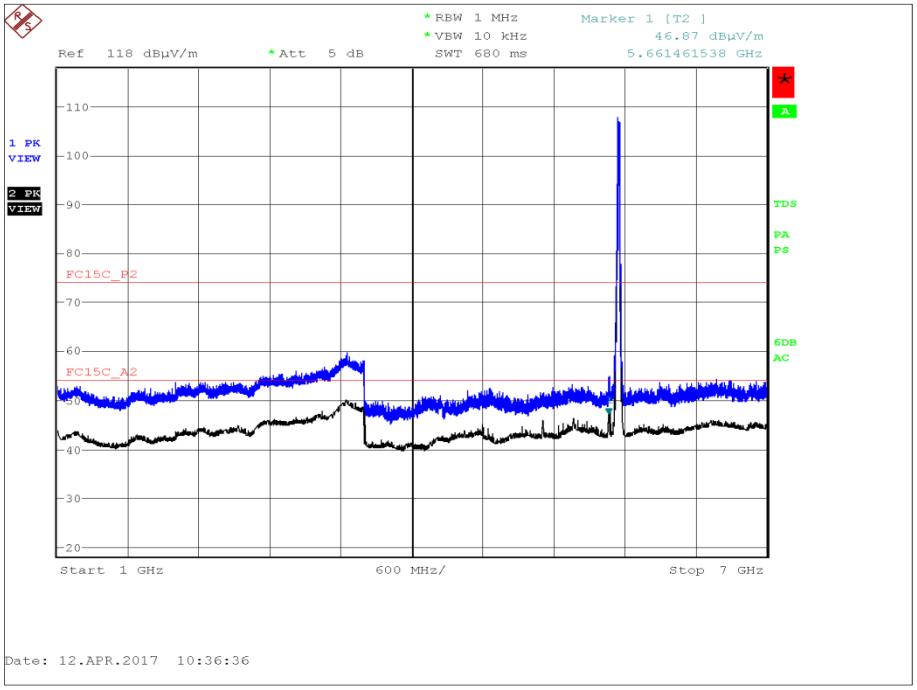

Figure 296 - U-NII 3 - 5745 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

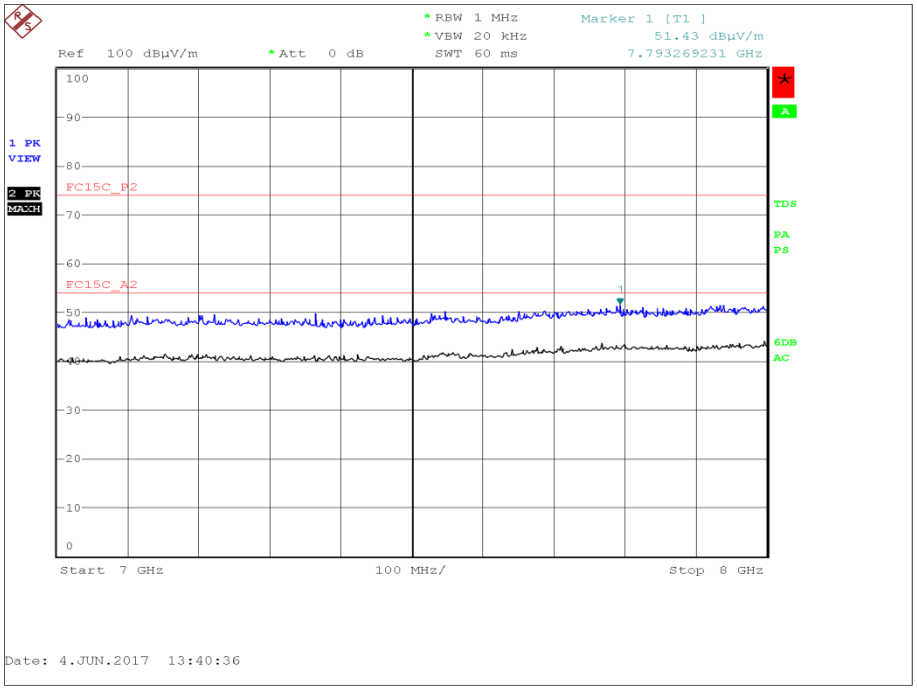

Figure 297 - U-NII 3 - 5745 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

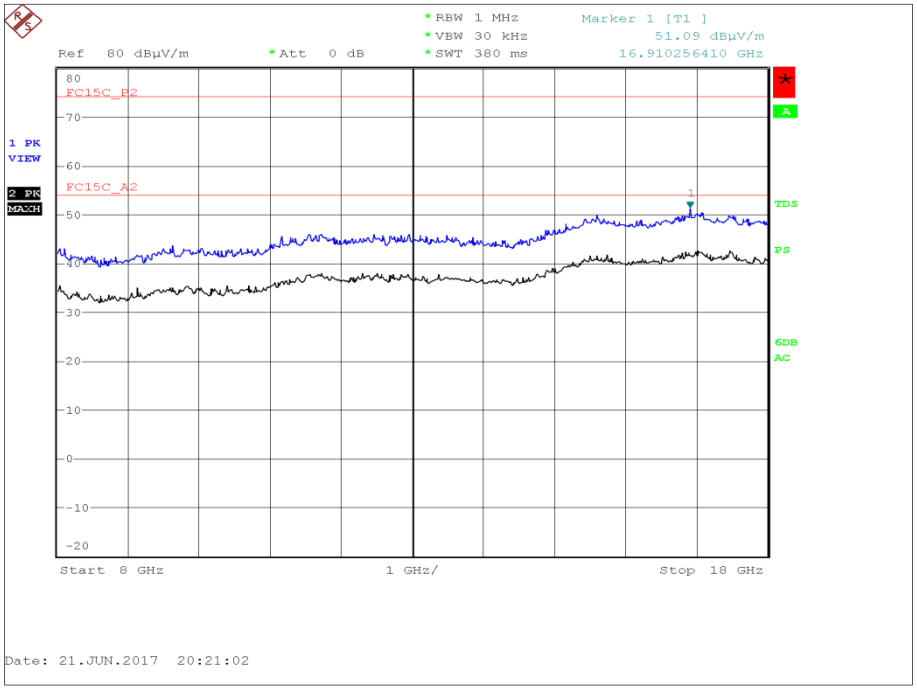

Figure 298 - U-NII 3 - 5745 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

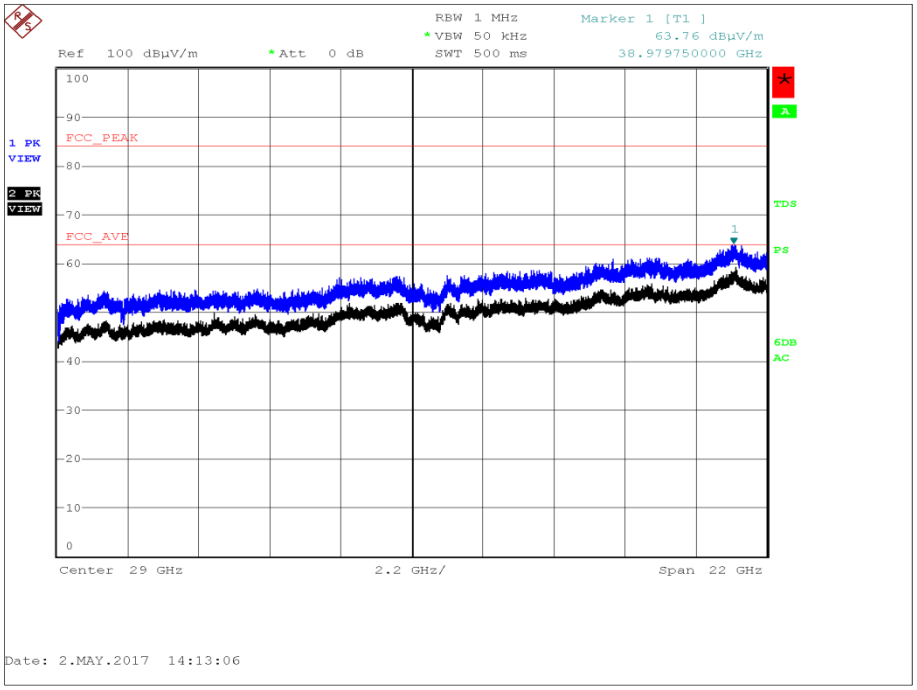

Figure 299 - U-NII 3 - 5745 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.637	34.5	40.0	-5.5	224	1.00	Vertical
34.090	30.8	40.0	-9.2	52	1.00	Vertical
61.997	27.7	40.0	-12.3	173	1.00	Vertical
272.846	23.9	46.0	-22.1	282	1.00	Vertical
563.956	36.6	46.0	-9.4	175	1.00	Vertical
618.244	41.1	46.0	-4.9	284	1.00	Vertical

Table 224 - U-NII 3 - 5785 MHz - 30 MHz to 1 GHz

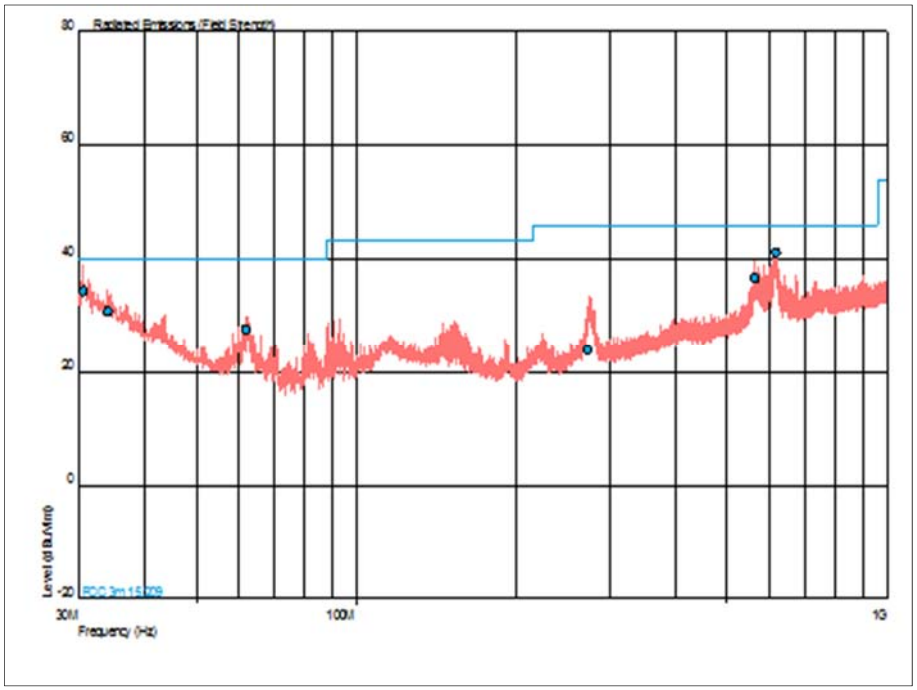

Figure 300 - U-NII 3 - 5785 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.7095	791.59	260.32	5000.00	500.00	4208.41	239.68

Table 225 - U-NII 3 - 5785 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

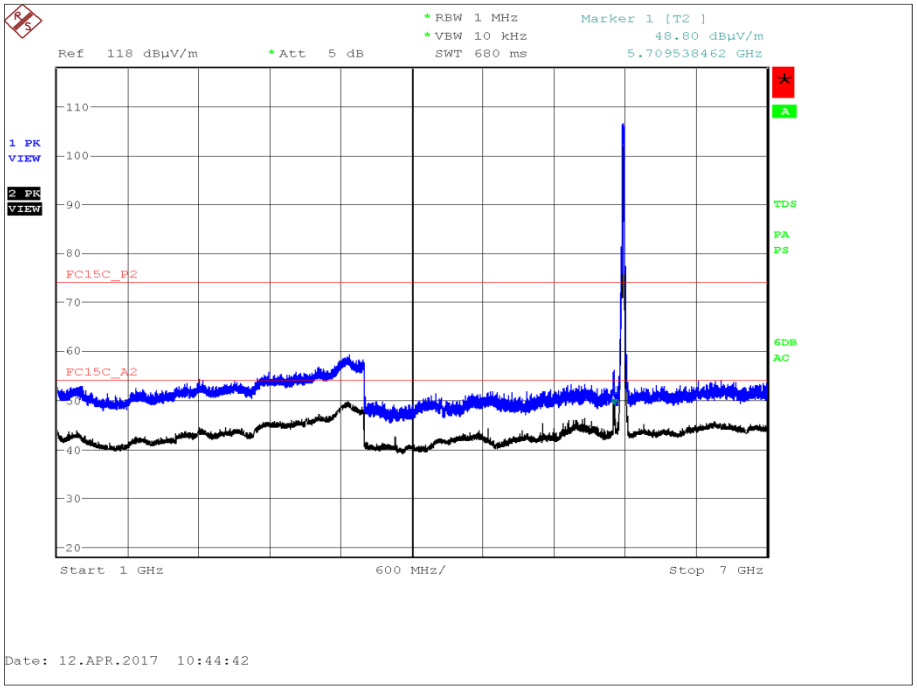

Figure 301 - U-NII 3 - 5785 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

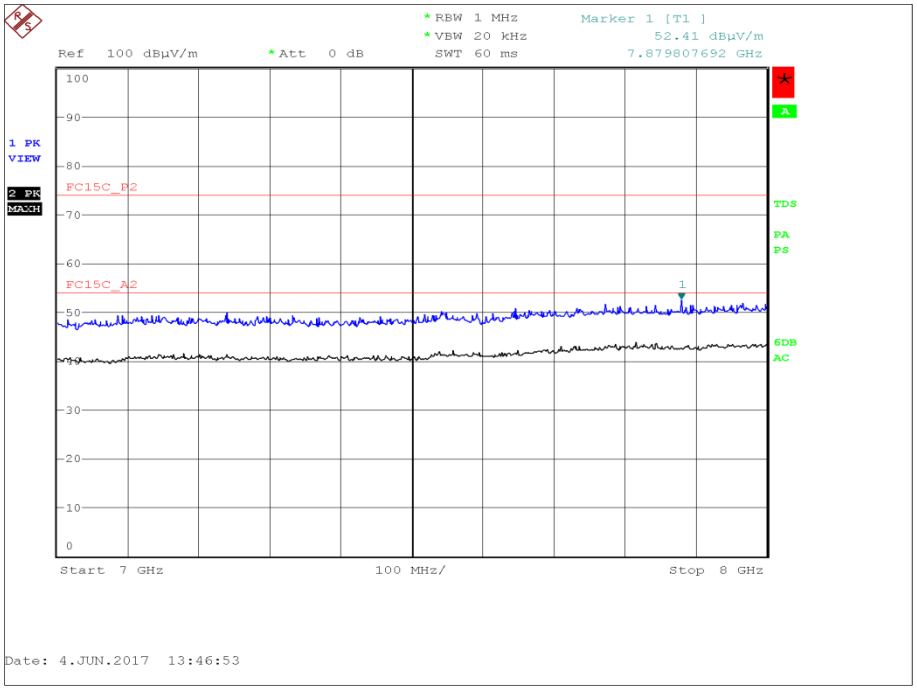

Figure 302 - U-NII 3 - 5785 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

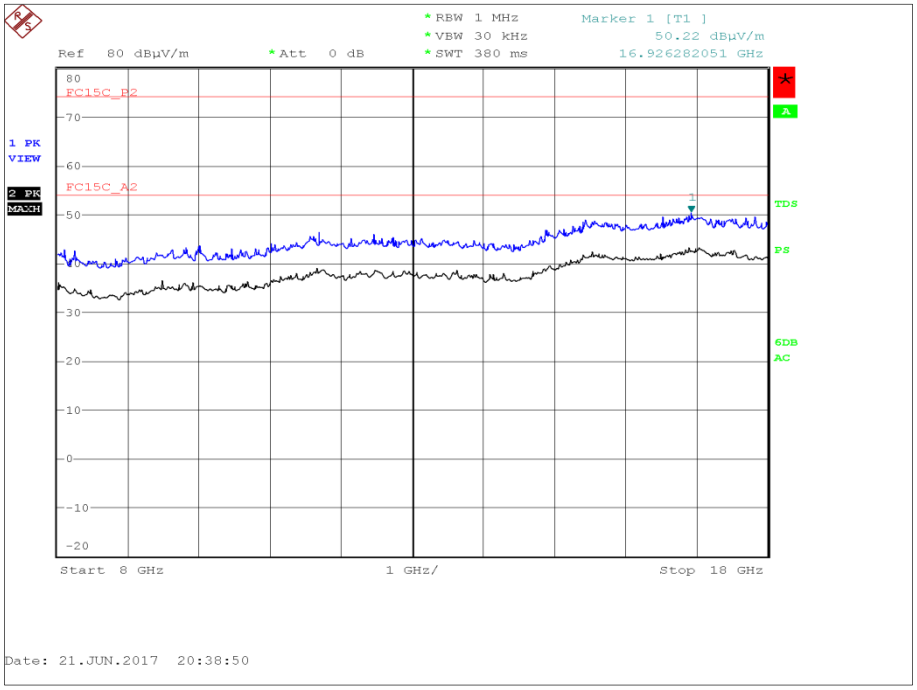

Figure 303 - U-NII 3 - 5785 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

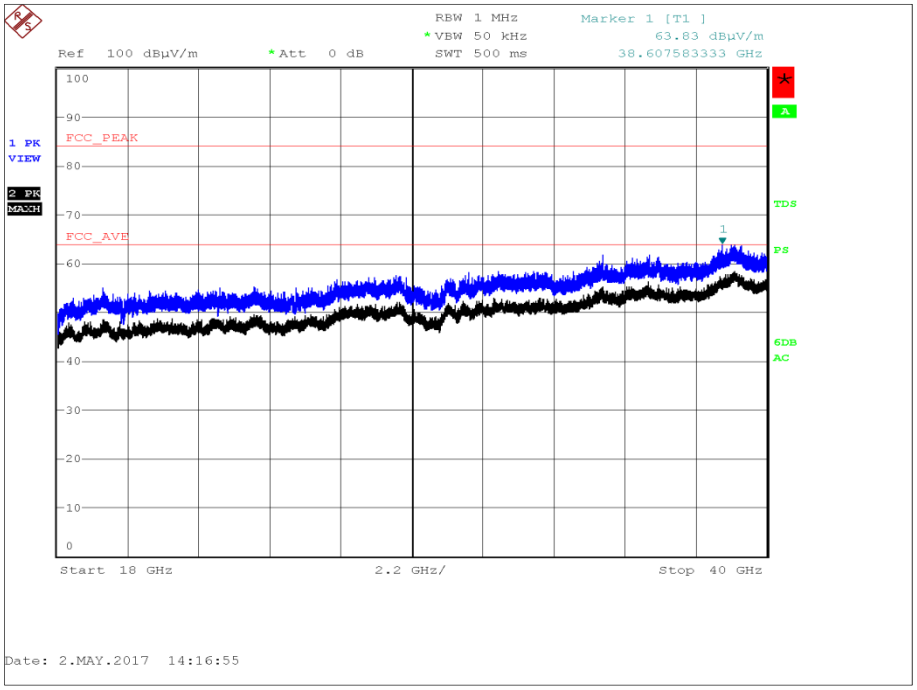

Figure 304 - U-NII 3 - 5785 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.650	34.3	40.0	-5.7	218	1.00	Vertical
37.883	26.4	40.0	-13.6	83	1.00	Vertical
62.026	29.1	40.0	-10.9	214	1.00	Vertical
271.729	24.0	46.0	-22.0	279	1.00	Horizontal
562.791	36.7	46.0	-9.3	191	1.00	Vertical
611.641	42.2	46.0	-3.8	5	1.48	Vertical

Table 226 - U-NII 3 - 5825 MHz - 30 MHz to 1 GHz

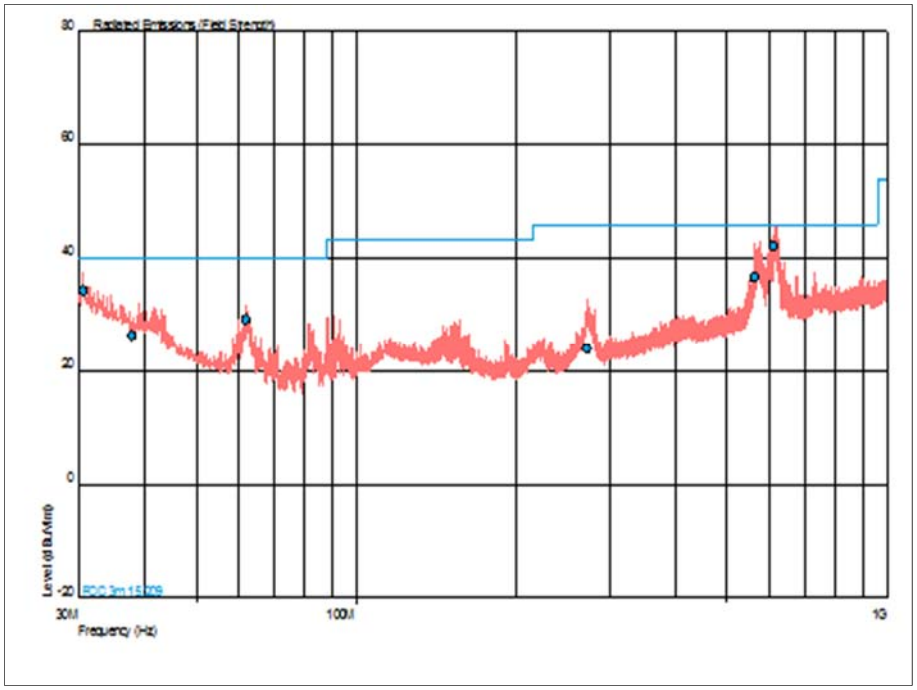

Figure 305 - U-NII 3 - 5825 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.745	933.25	285.76	5000.00	500.00	4066.75	214.24

Table 227 - U-NII 3 - 5825 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

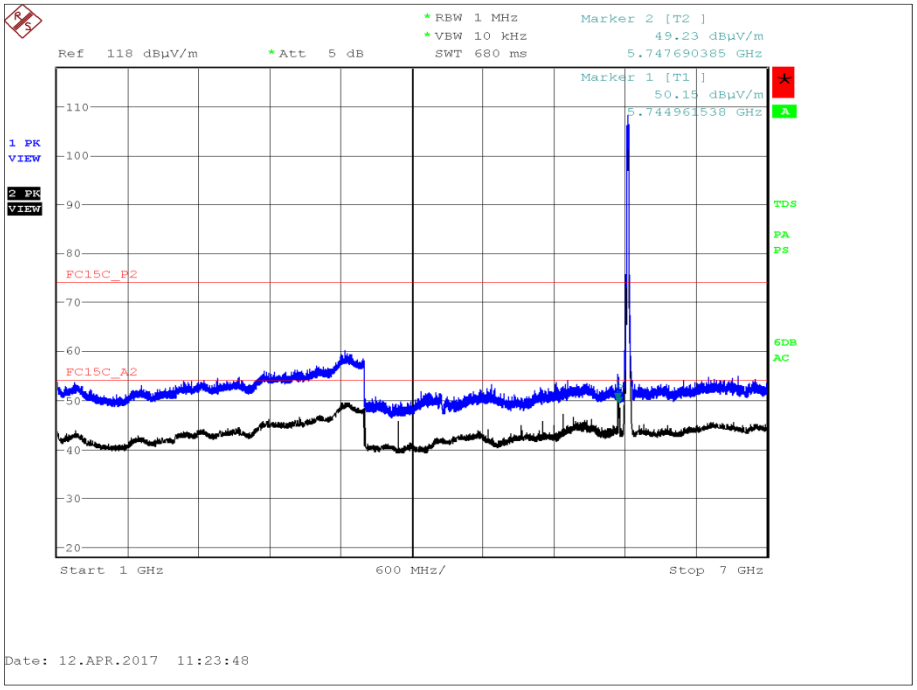

Figure 306 - U-NII 3 - 5825 MHz - 1 GHz to 7 GHz - Horizontal and Vertical

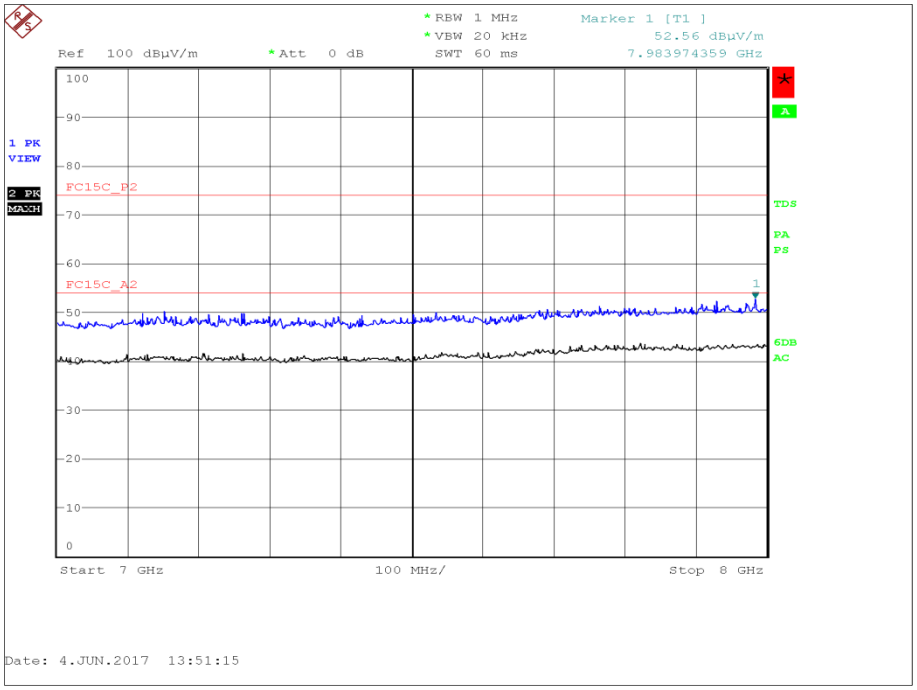

Figure 307 - U-NII 3 - 5825 MHz - 7 GHz to 8 GHz - Horizontal and Vertical

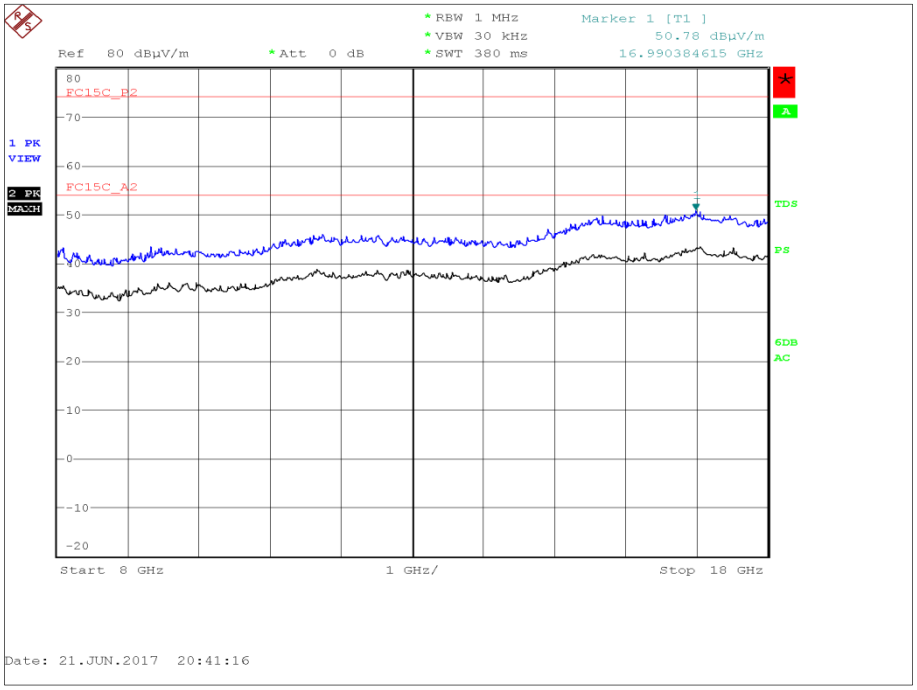

Figure 308 - U-NII 3 - 5825 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

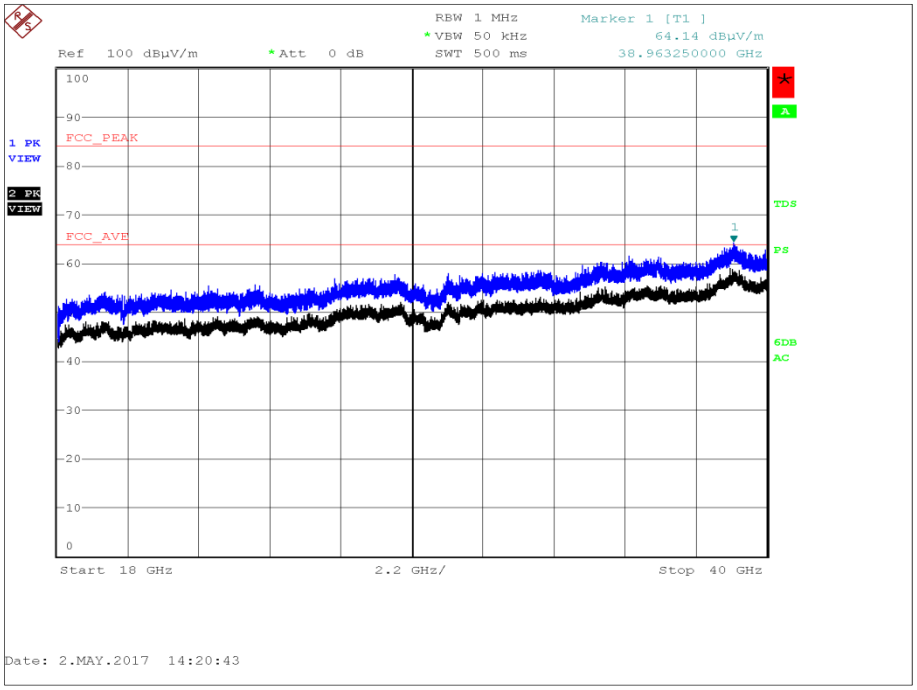

Figure 309 - U-NII 3 - 5825 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

FCC 47 CFR Part 15, Limit Clause 15.407(b)(1)(2)(3)(4)

Emissions not falling within the restricted bands listed in FCC 47 CFR Part 15.209:

For transmitters operating in the 5.15-5.25 GHz band: ≤-27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.25-5.35 GHz band: ≤-27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.47-5.725 GHz band: ≤-27 dBm/MHz outside 5470-5725 MHz

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Emissions within the restricted bands listed in FCC 47 CFR Part 15.209:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 to 0.490	2400/F(kHz)	300
0.490 to 1.705	24000/F(kHz)	30
1.705 to 30	30	30
30 to 88	100	3
88 to 216	150	3
216 to 960	200	3
Above 960	500	3

Industry Canada RSS-247, Limit Clause 6.2.1.2, 6.2.2.2, 6.2.3.2 and 6.2.4.2 and Industry Canada RSS-GEN, Limit Clause 8.9

Emissions not falling within the restricted bands listed in Industry Canada RSS-GEN, Clause 8.10:

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB.

For transmitters with operating frequencies in the bands 5250-5350 MHz and 5470-5725 MHz, all emissions outside the band 5250-5350 MHz and 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

Emissions not falling within the restricted bands listed in Industry Canada RSS-GEN, Clause 8.10:

Frequency (MHz)	Field Strength (μV/m)
0.009 to 0.490	2400/F(kHz)
0.490 to 1.705	24000/F(kHz)
1.705 to 30	30
30 to 88	100
88 to 216	150
216 to 960	200
Above 960	500

ANT793-6DG - 802.11a

Testing was performed on the Data Rate which resulted in the highest conducted output power. The Data Rate used during testing was 6 Mbps.

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.717	30.0	40.0	-10.0	24	1.76	Vertical
37.500	27.0	40.0	-13.0	189	2.80	Vertical
608.000	34.1	46.0	-11.9	0	1.00	Vertical
612.721	40.1	46.0	-5.9	312	1.00	Vertical
614.000	40.6	46.0	-5.4	322	1.00	Vertical
960.000	33.9	46.0	-12.1	0	1.00	Vertical

Table 228 - U-NII 1 - 5180 MHz - 30 MHz to 1 GHz

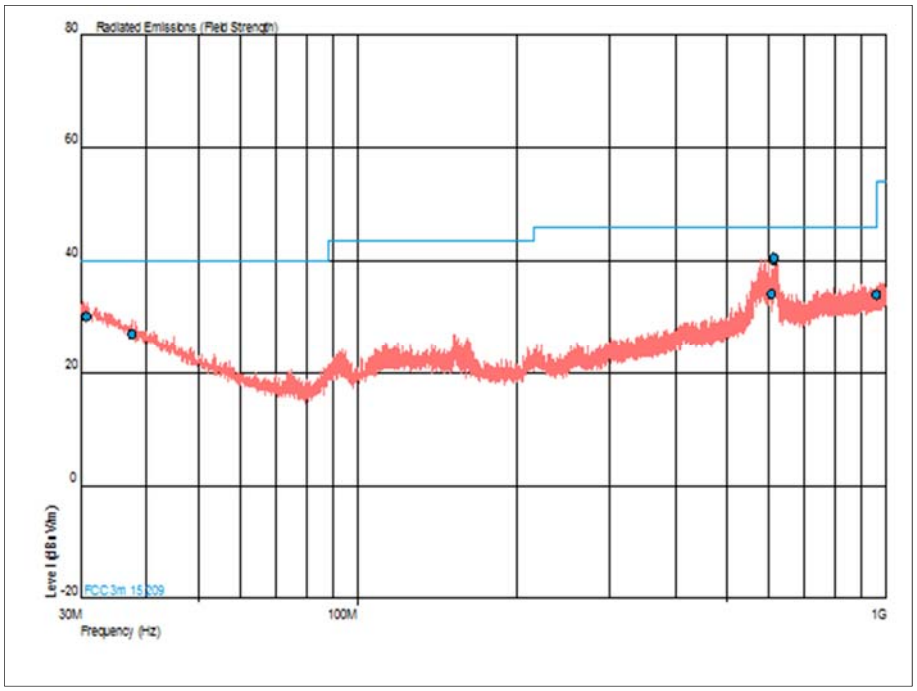

Figure 310 - U-NII 1 - 5180 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 229 - U-NII 1 - 5180 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

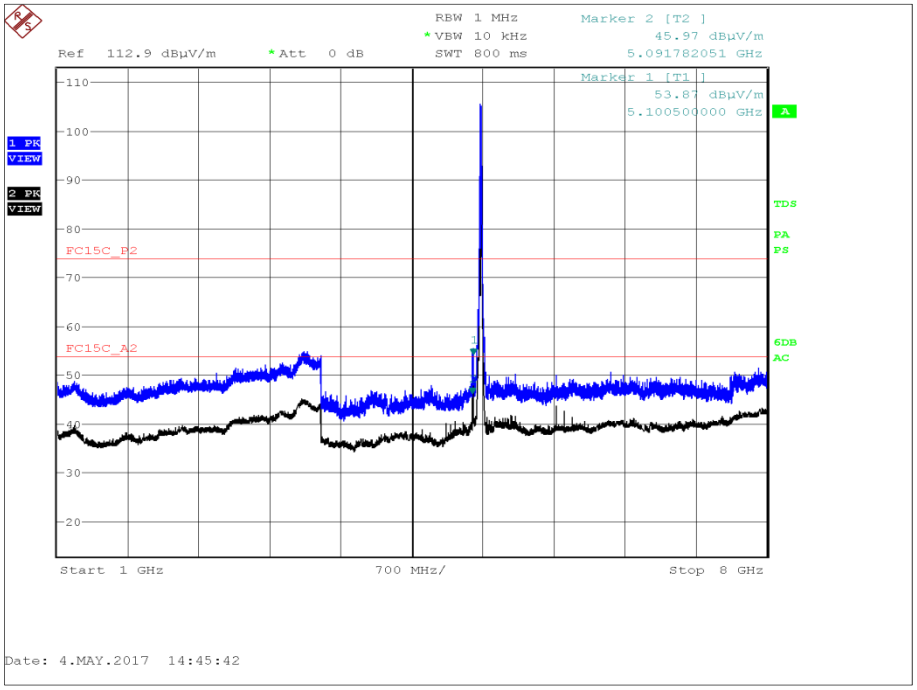

Figure 311 - U-NII 1 - 5180 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

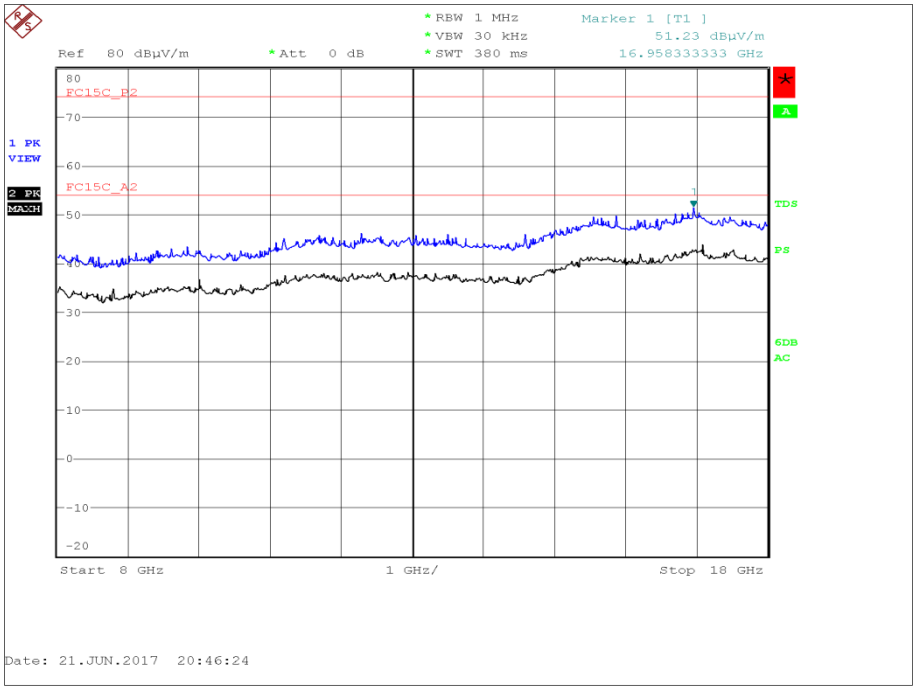

Figure 312 - U-NII 1 - 5180 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

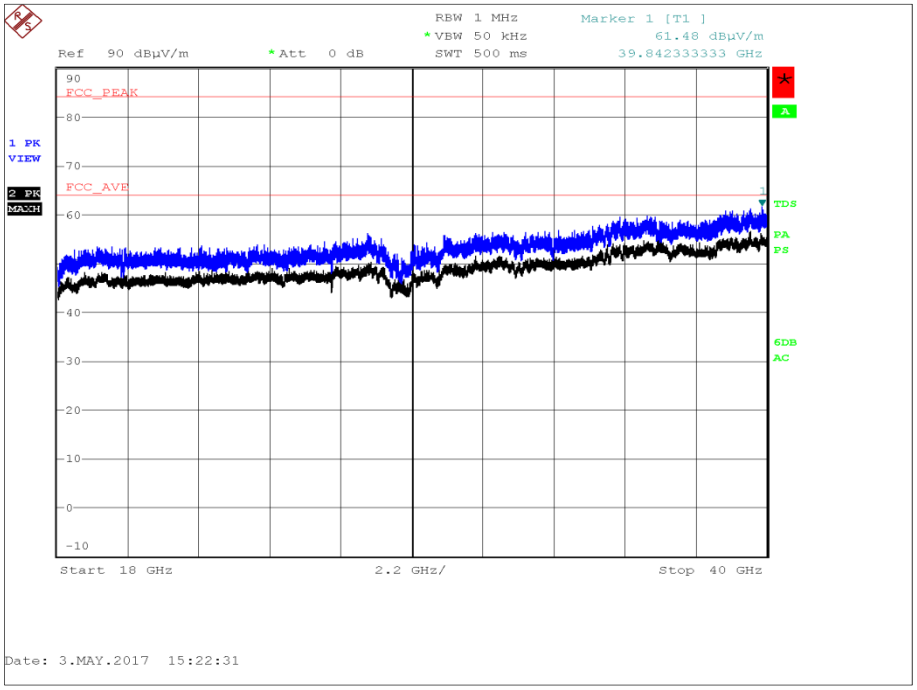

Figure 313 - U-NII 1 - 5180 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.019	30.5	40.0	-9.5	50	1.00	Vertical
37.500	26.9	40.0	-13.1	8	1.00	Vertical
608.000	36.8	46.0	-9.2	325	1.00	Vertical
612.750	40.4	46.0	-5.6	323	1.00	Vertical
614.000	38.8	46.0	-7.2	315	1.00	Vertical
960.000	34.0	46.0	-12.0	139	1.00	Vertical

Table 230 - U-NII 1 - 5200 MHz - 30 MHz to 1 GHz

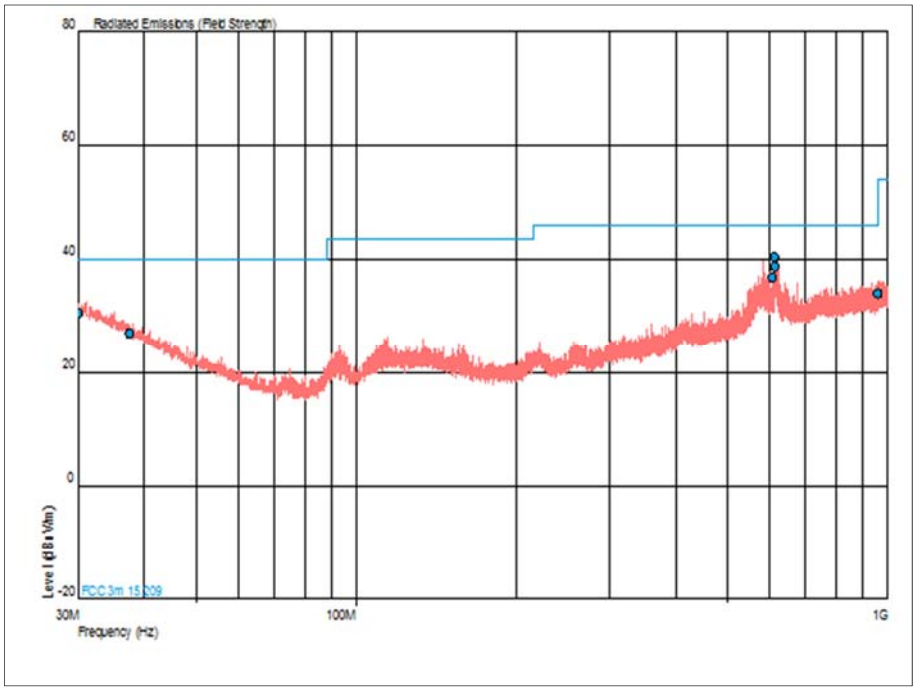

Figure 314 - U-NII 1 - 5200 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 231 - U-NII 1 - 5200 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

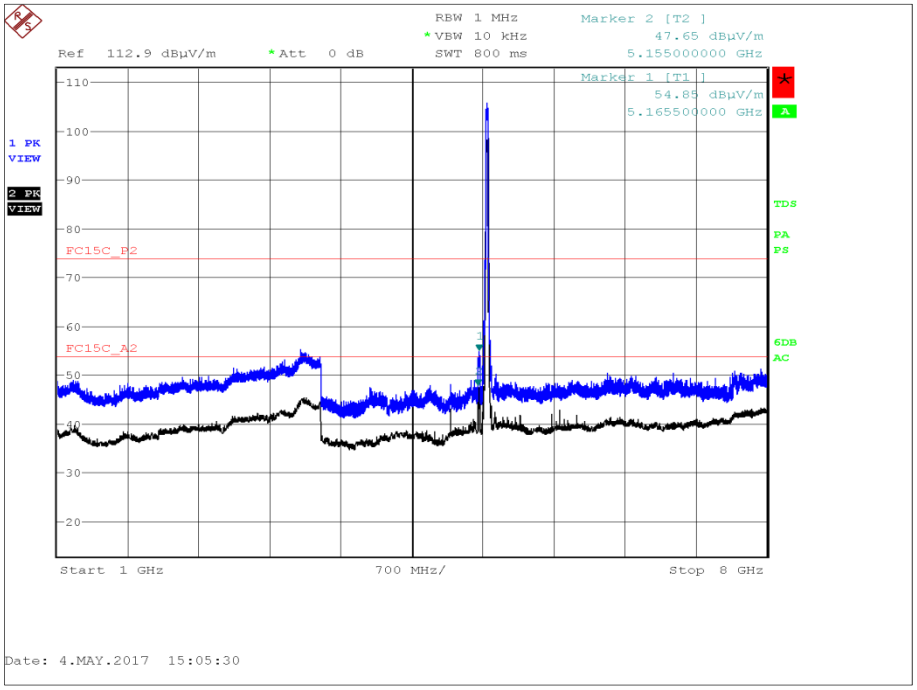

Figure 315 - U-NII 1 - 5200 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

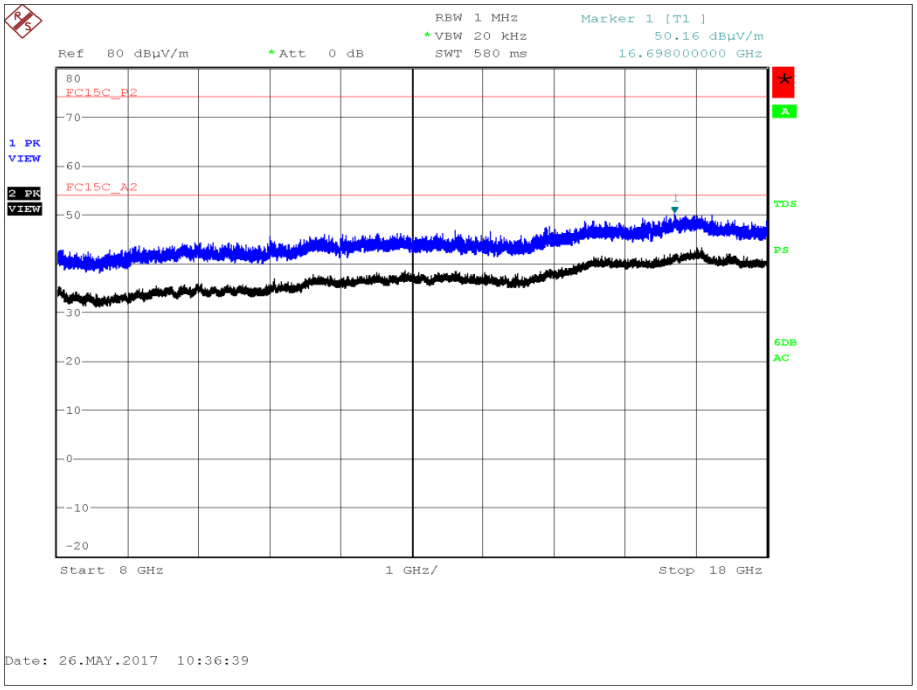

Figure 316 - U-NII 1 - 5200 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

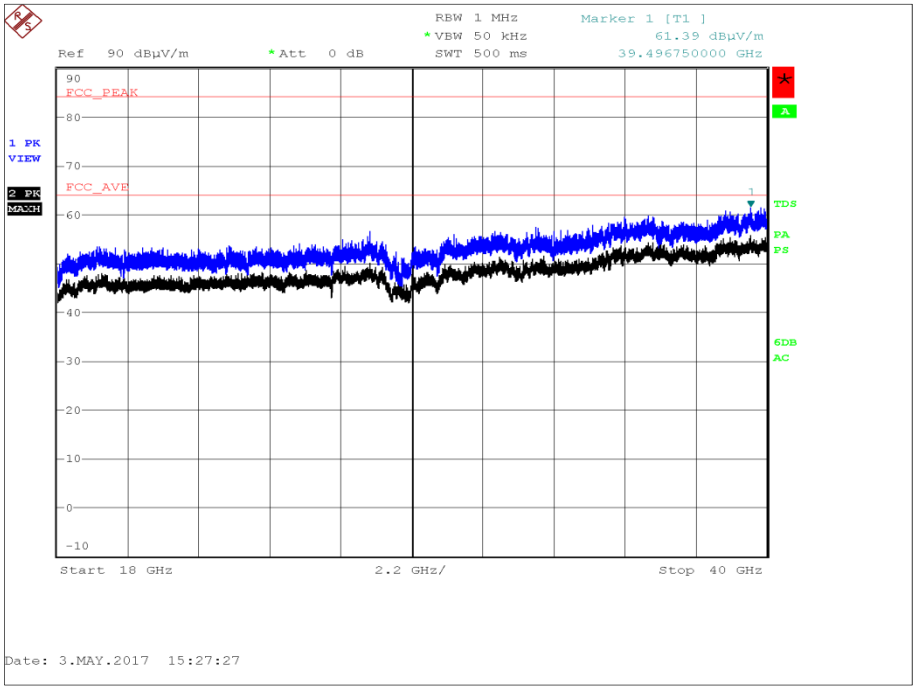

Figure 317 - U-NII 1 - 5200 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
31.184	30.2	40.0	-9.8	177	1.00	Vertical
37.500	27.0	40.0	-13.0	238	1.00	Vertical
608.000	35.8	46.0	-10.2	309	1.00	Vertical
612.721	40.6	46.0	-5.4	330	1.00	Vertical
614.000	37.5	46.0	-8.5	238	1.00	Vertical
960.000	34.0	46.0	-12.0	294	1.00	Vertical

Table 232 - U-NII 1 - 5240 MHz - 30 MHz to 1 GHz

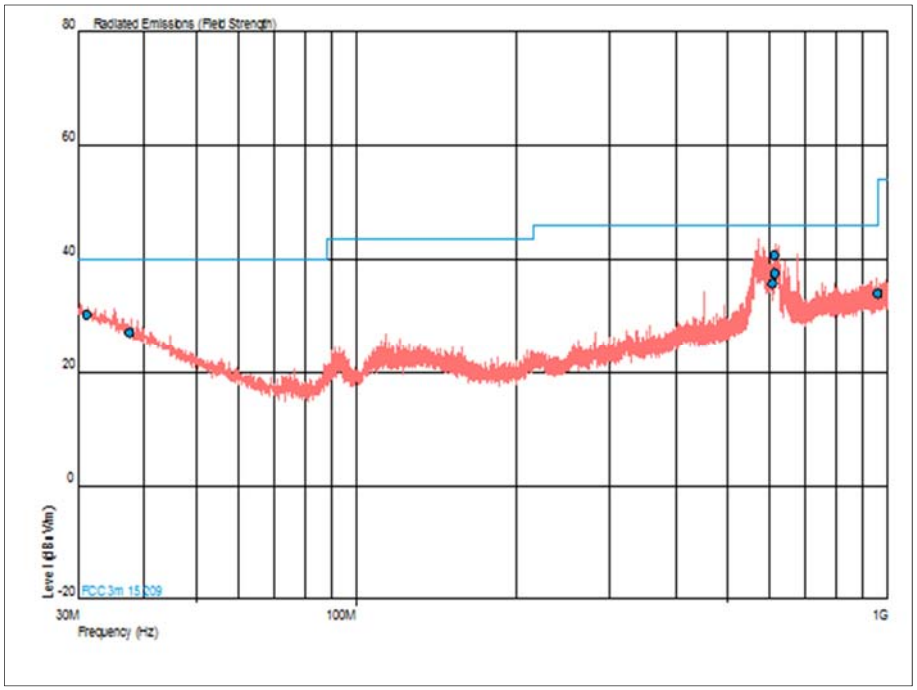

Figure 318 - U-NII 1 - 5240 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 233 - U-NII 1 - 5240 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

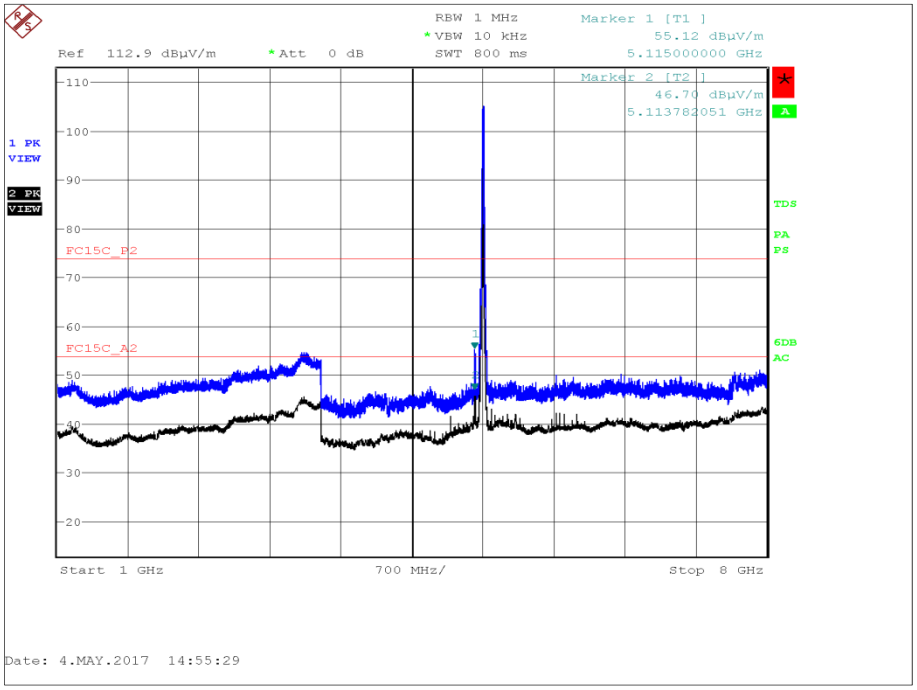

Figure 319 - U-NII 1 - 5240 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

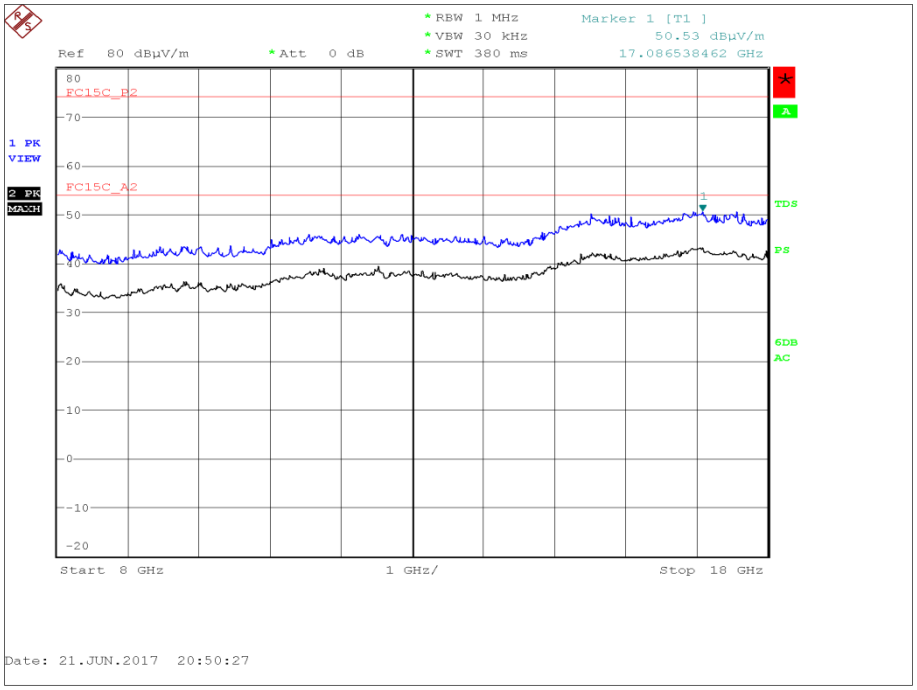

Figure 320 - U-NII 1 - 5240 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

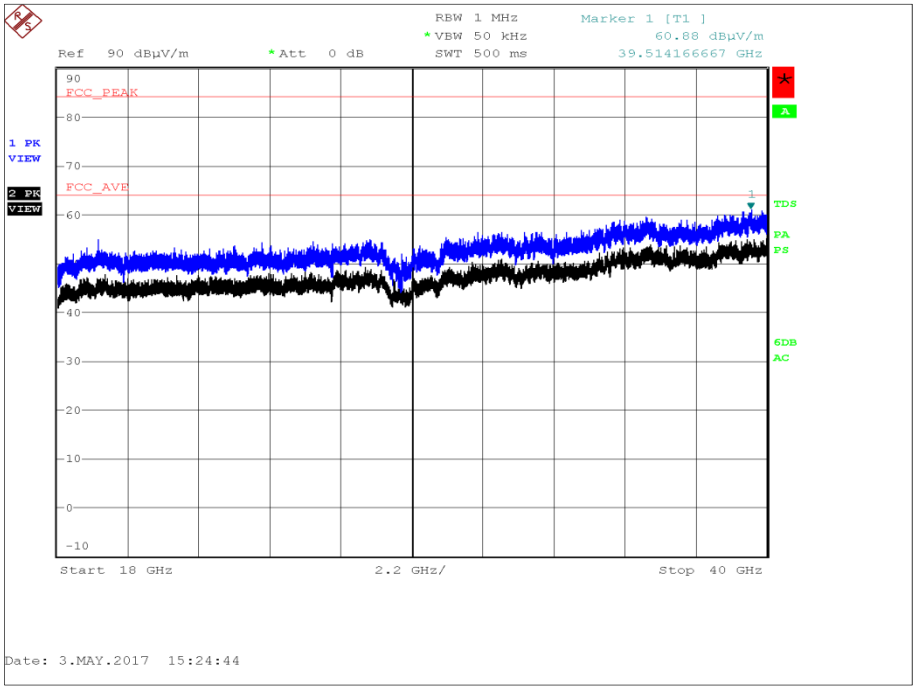

Figure 321 - U-NII 1 - 5240 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.723	29.9	40.0	-10.1	55	1.00	Vertical
37.500	27.1	40.0	-12.9	66	1.00	Vertical
608.000	34.7	46.0	-11.3	328	1.00	Vertical
612.721	39.6	46.0	-6.4	271	1.00	Vertical
614.000	38.6	46.0	-7.4	274	1.00	Vertical
960.000	33.9	46.0	-12.1	251	1.00	Vertical

Table 234 - U-NII 2a - 5260 MHz - 30 MHz to 1 GHz

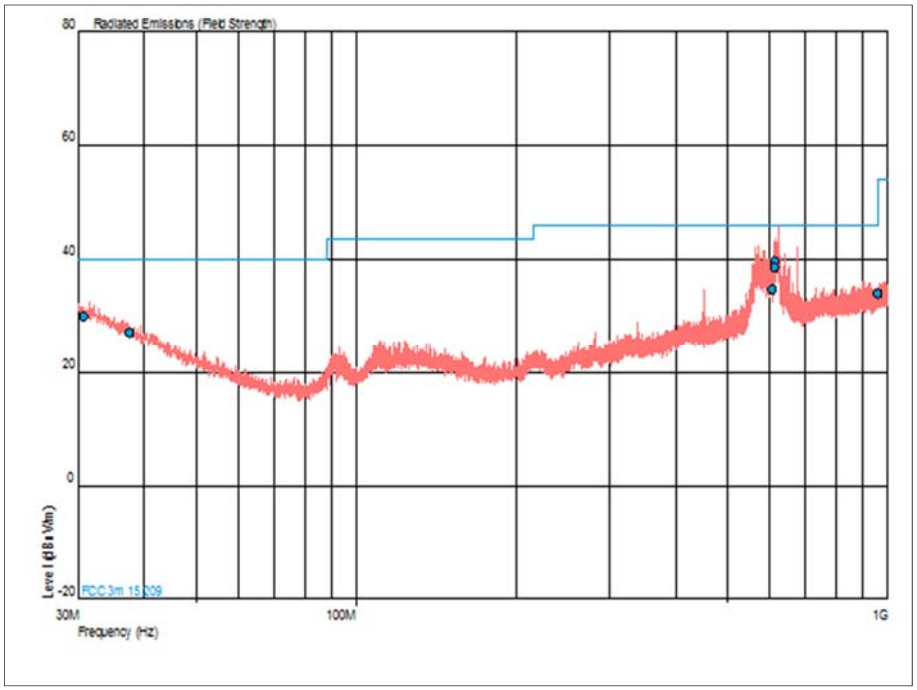

Figure 322 - U-NII 2a - 5260 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 235 - U-NII 2a - 5260 - 1 GHz to 40 GHz - Emissions Results

*No emissions were detected within 6 dB of the limit.

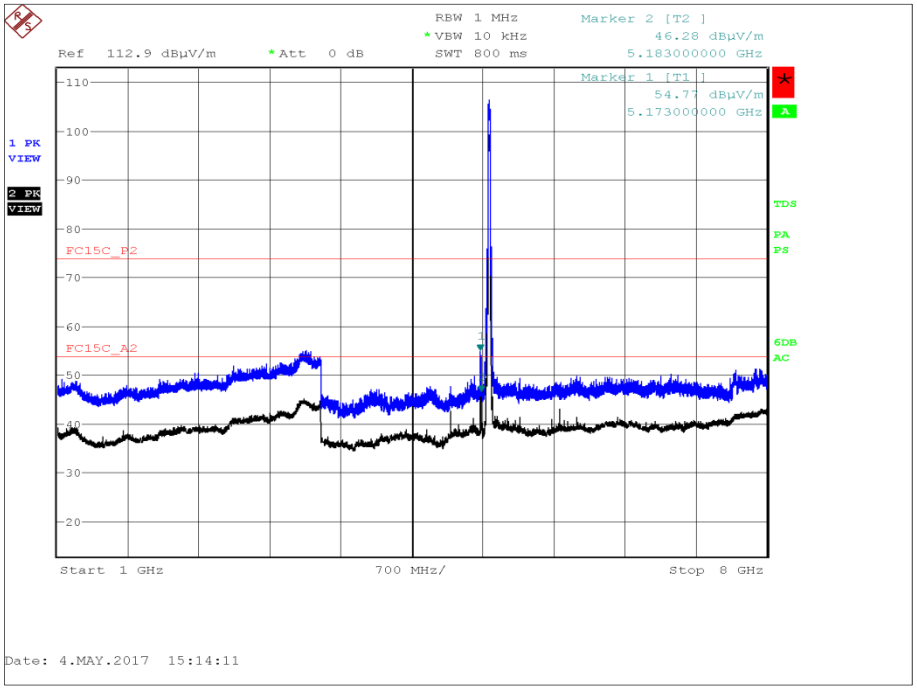

Figure 323 - U-NII 2a - 5260 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

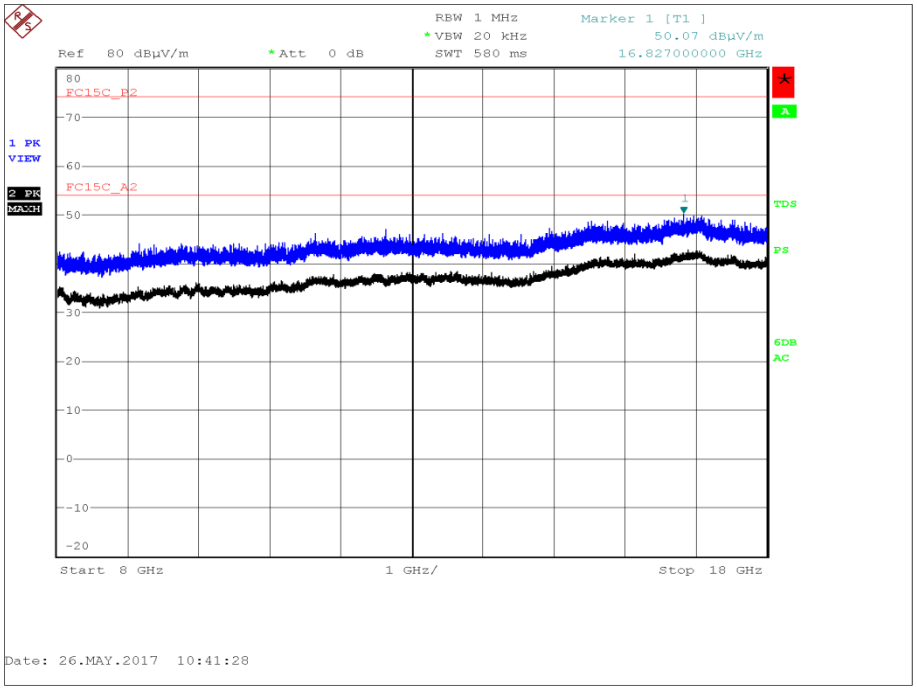

Figure 324 - U-NII 2a - 5260 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

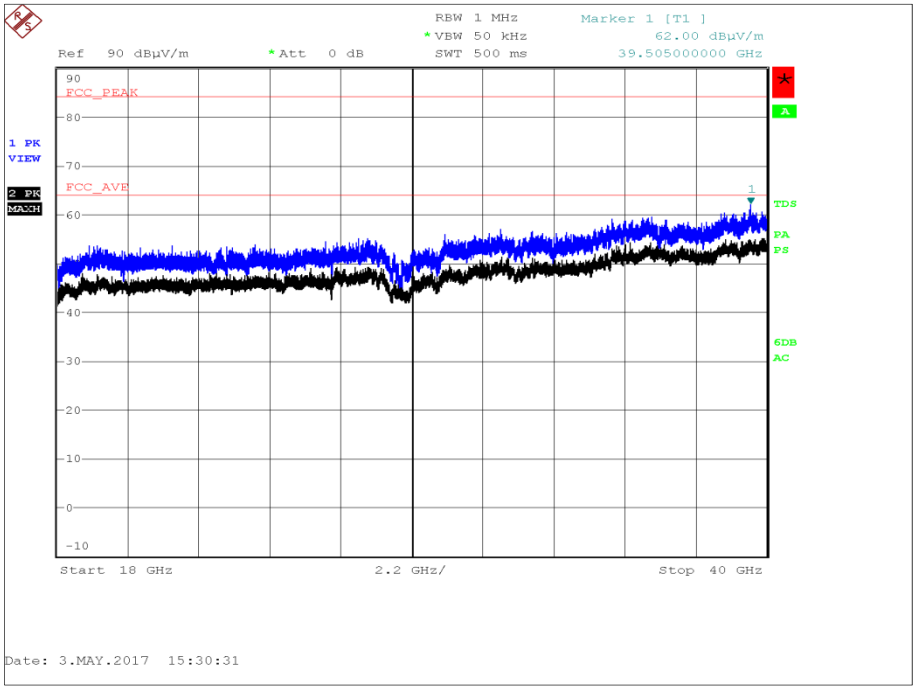

Figure 325 - U-NII 2a - 5260 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.559	30.1	40.0	-9.9	61	1.00	Vertical
37.500	26.8	40.0	-13.2	289	1.00	Vertical
608.000	36.3	46.0	-9.7	309	1.00	Vertical
612.644	40.5	46.0	-5.5	304	1.00	Vertical
614.000	39.3	46.0	-6.7	263	1.00	Vertical
960.000	34.0	46.0	-12.0	246	1.00	Vertical

Table 236 - U-NII 2a - 5300 MHz - 30 MHz to 1 GHz

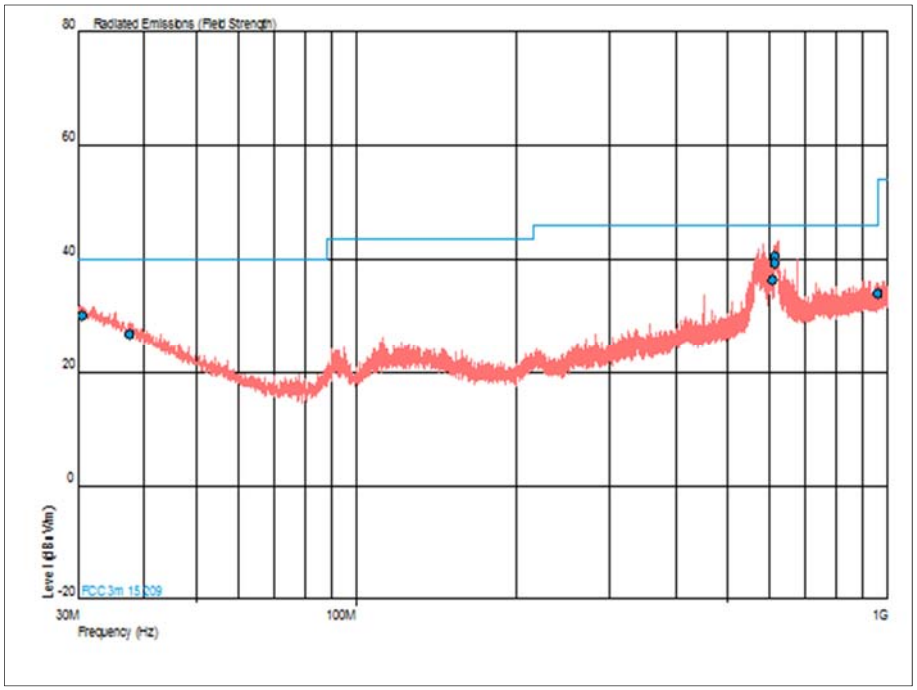

Figure 326 - U-NII 2a - 5300 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 237 - U-NII 2a - 5300 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

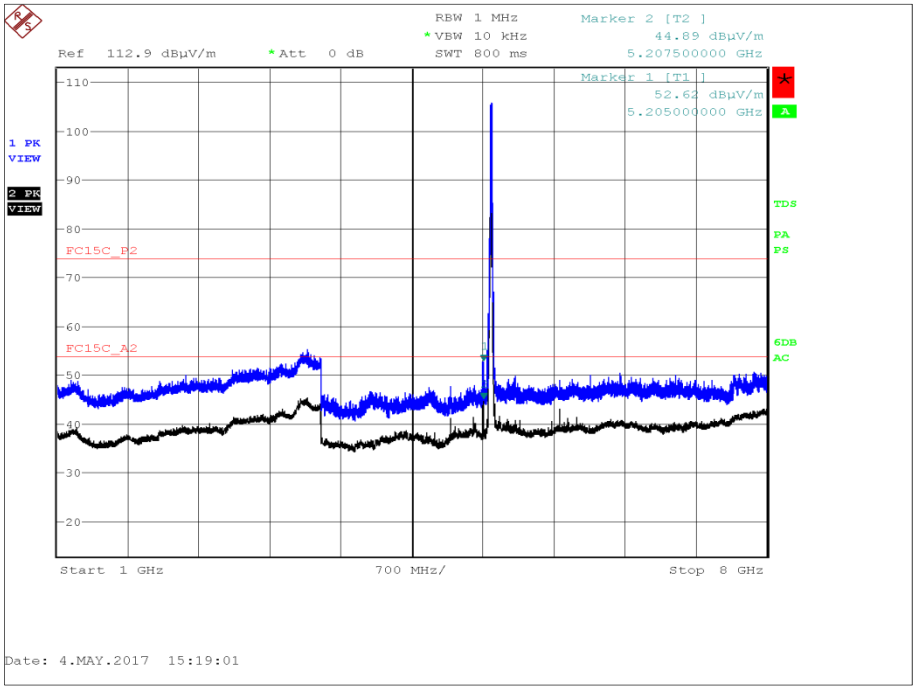

Figure 327 - U-NII 2a - 5300 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

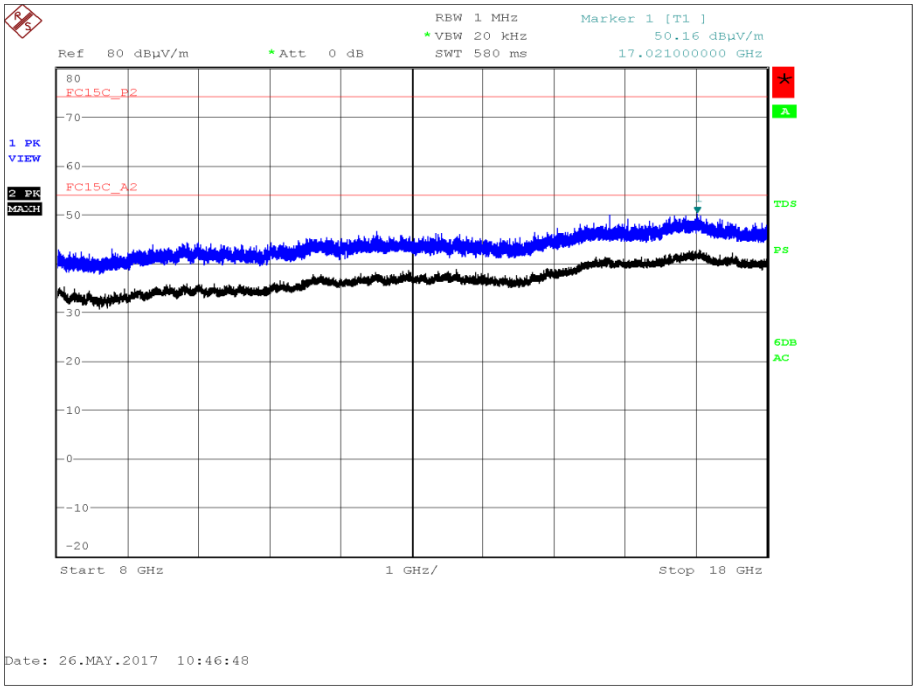

Figure 328 - U-NII 2a - 5300 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

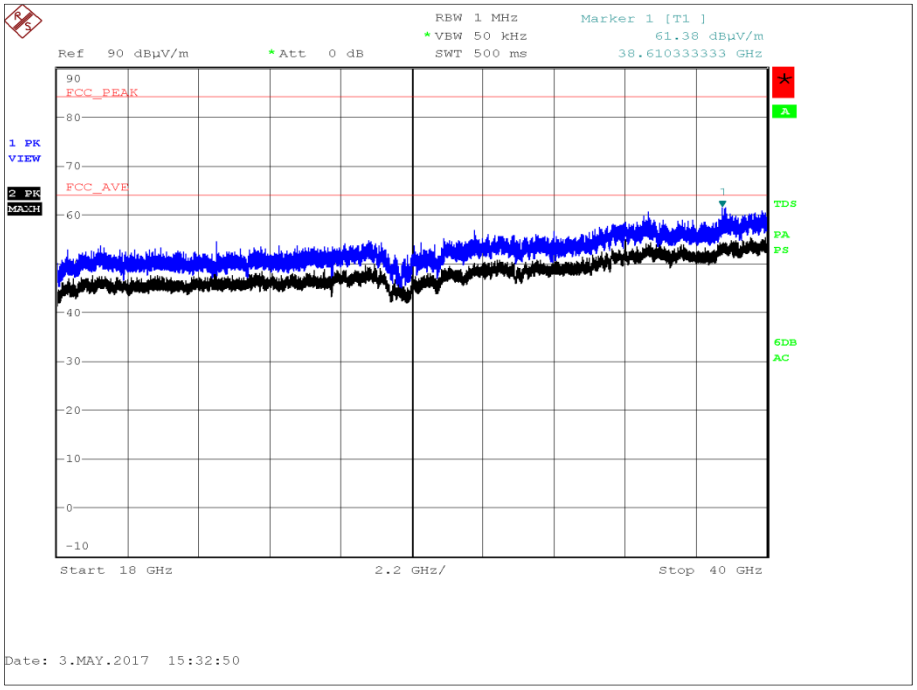

Figure 329 - U-NII 2a - 5300 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.756	30.0	40.0	-10.0	147	1.00	Vertical
37.500	27.0	40.0	-13.0	360	1.00	Vertical
608.000	37.9	46.0	-8.1	19	1.00	Vertical
612.731	41.4	46.0	-4.6	298	1.00	Vertical
614.000	40.1	46.0	-5.9	323	1.00	Vertical
960.000	33.9	46.0	-12.1	348	1.00	Vertical

Table 238 - U-NII 2a - 5320 MHz - 30 MHz to 1 GHz

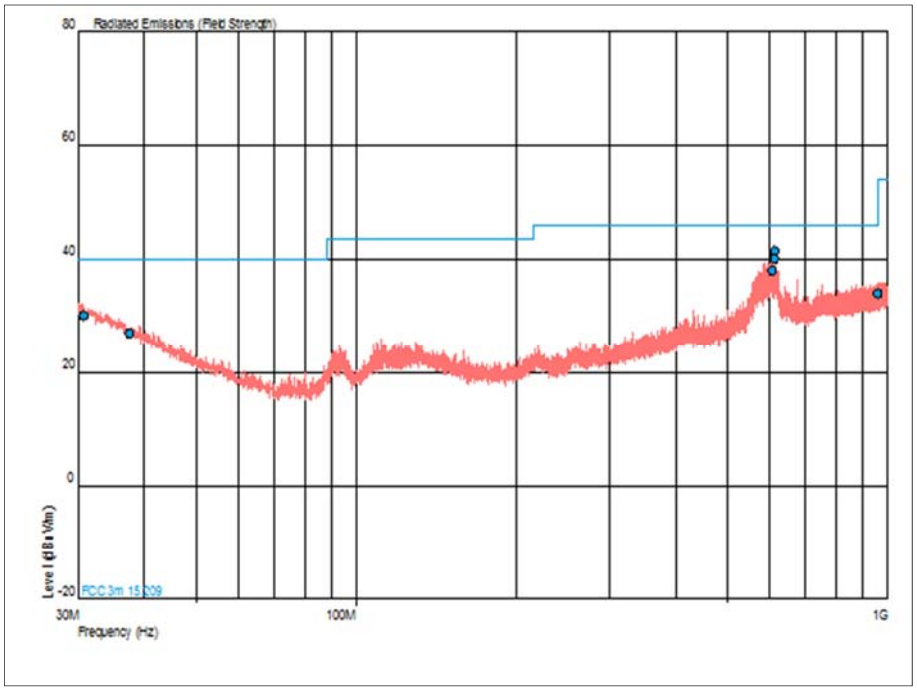

Figure 330 - U-NII 2a - 5320 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 239 - U-NII 2a - 5320 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

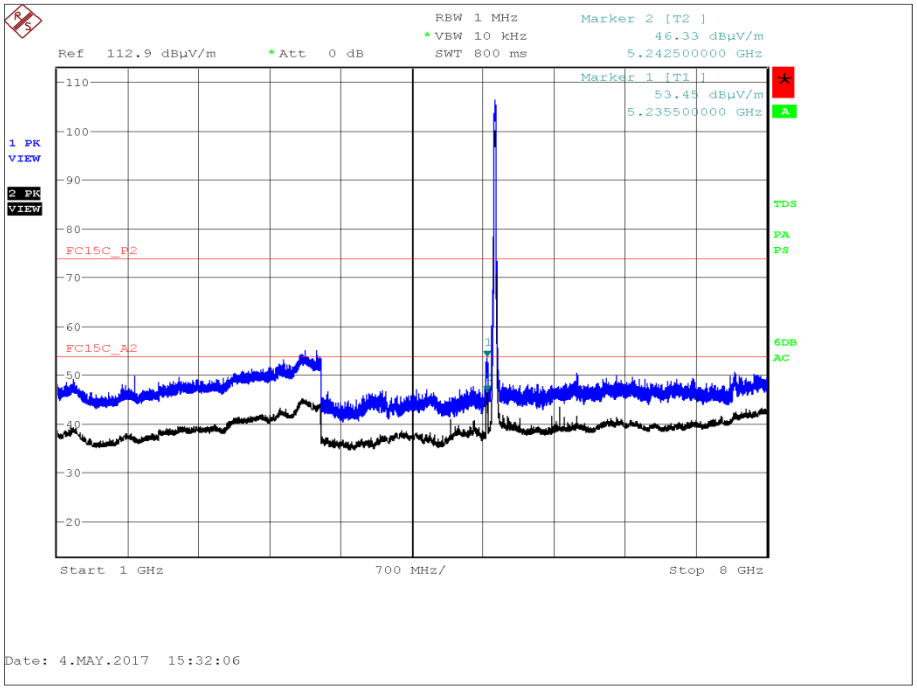

Figure 331 - U-NII 2a - 5320 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

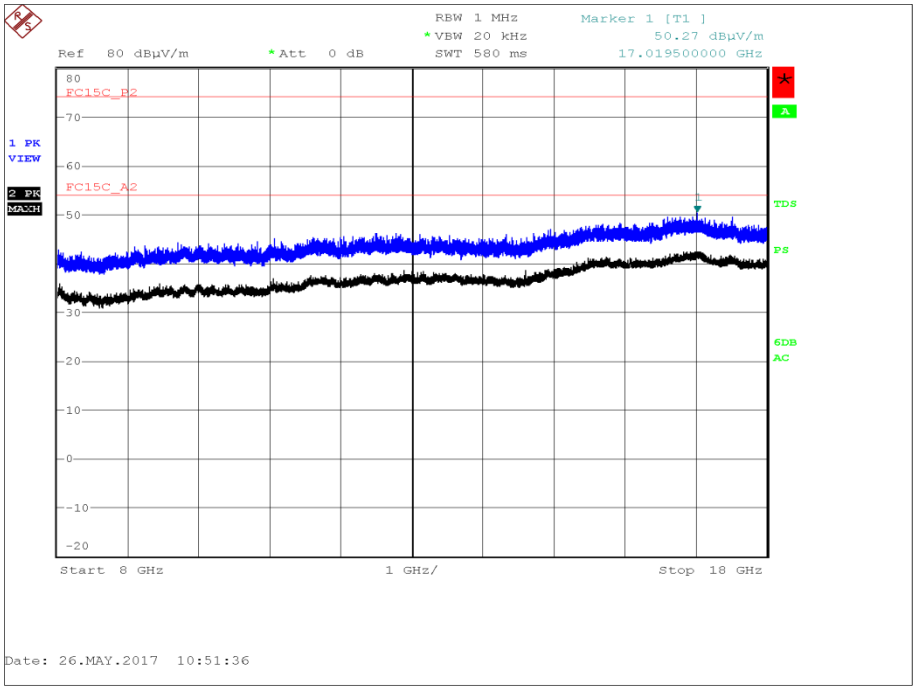

Figure 332 - U-NII 2a - 5320 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

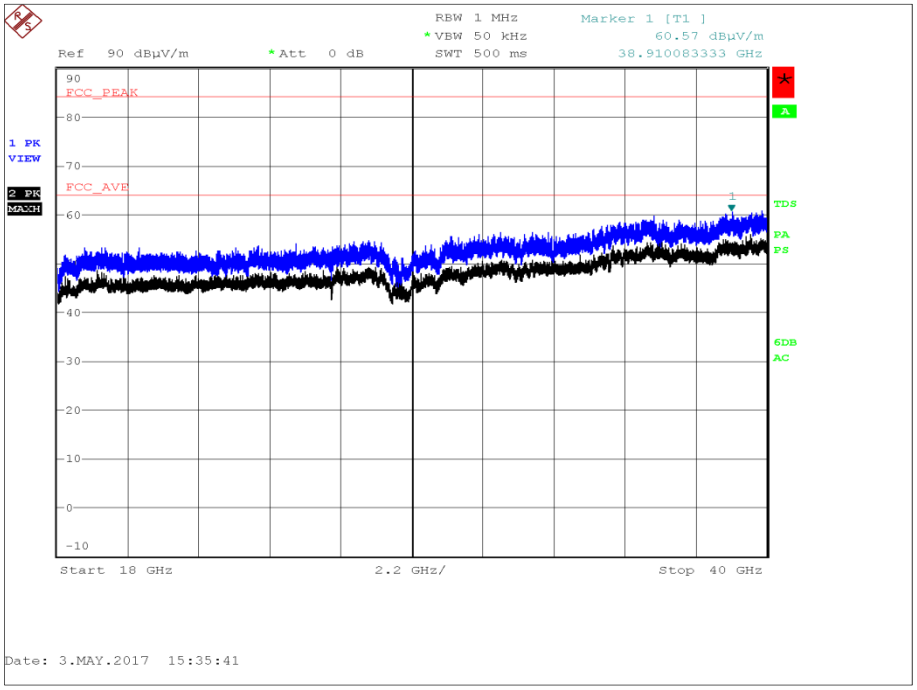

Figure 333 - U-NII 2a - 5320 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.383	30.2	40.0	-9.8	135	1.00	Vertical
37.500	27.0	40.0	-13.0	354	1.00	Vertical
608.000	31.0	46.0	-15.0	59	1.00	Vertical
610.010	35.9	46.0	-10.1	316	1.00	Vertical
617.795	31.0	46.0	-15.0	23	1.00	Vertical
960.000	33.9	46.0	-12.1	188	1.00	Vertical

Table 240 - U-NII 2c - 5500 MHz - 30 MHz to 1 GHz

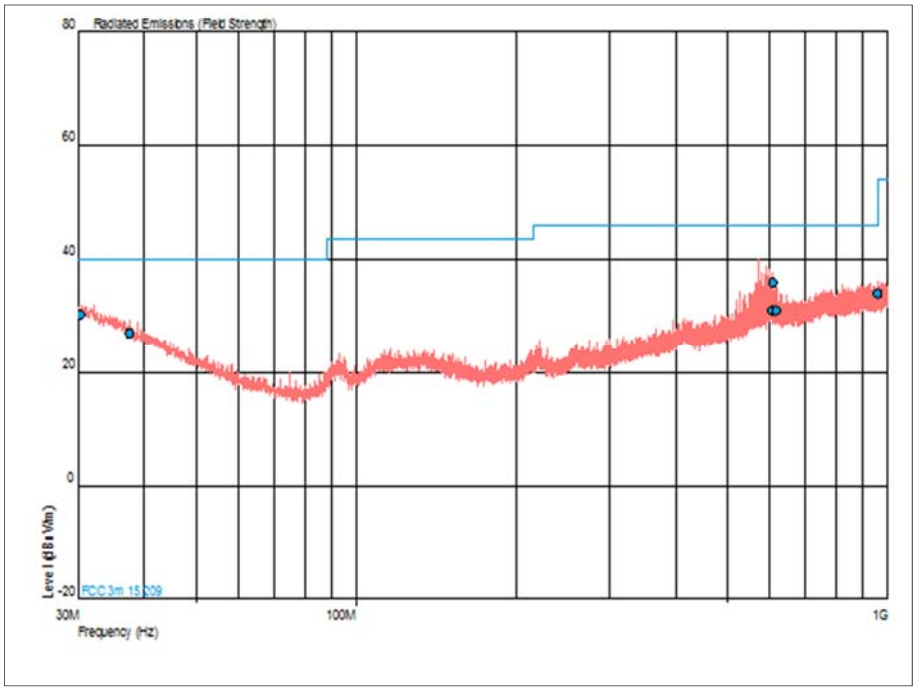

Figure 334 - U-NII 2c - 5500 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 241 - U-NII 2c - 5500 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

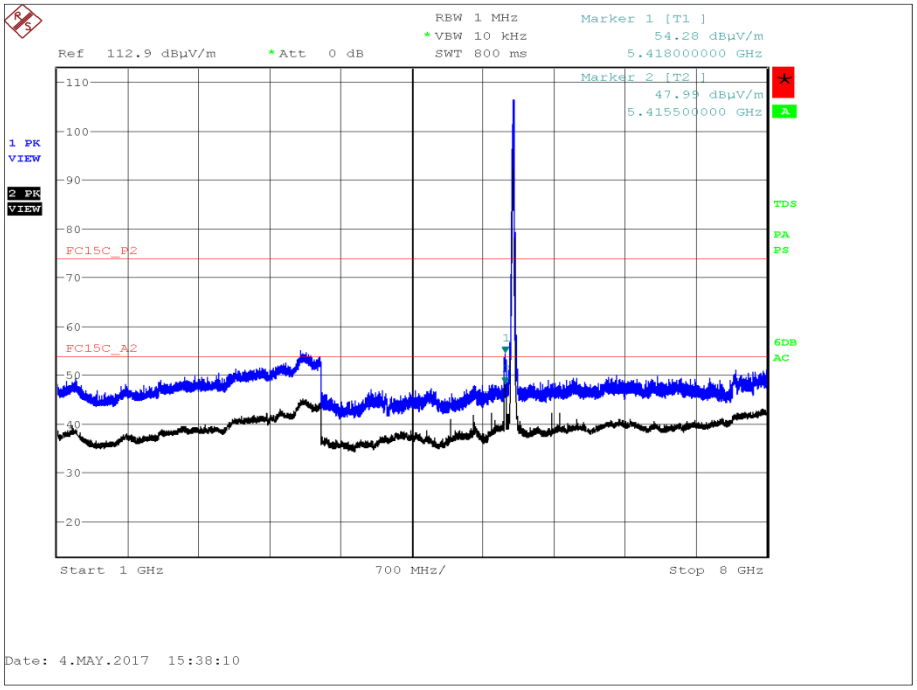

Figure 335 - U-NII 2c - 5500 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

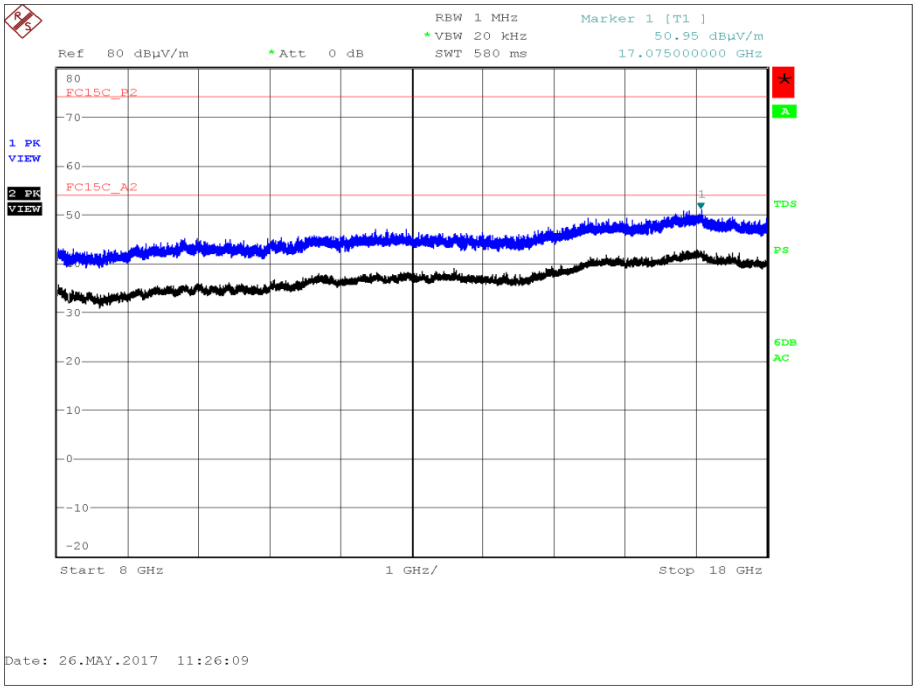

Figure 336 - U-NII 2c - 5500 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

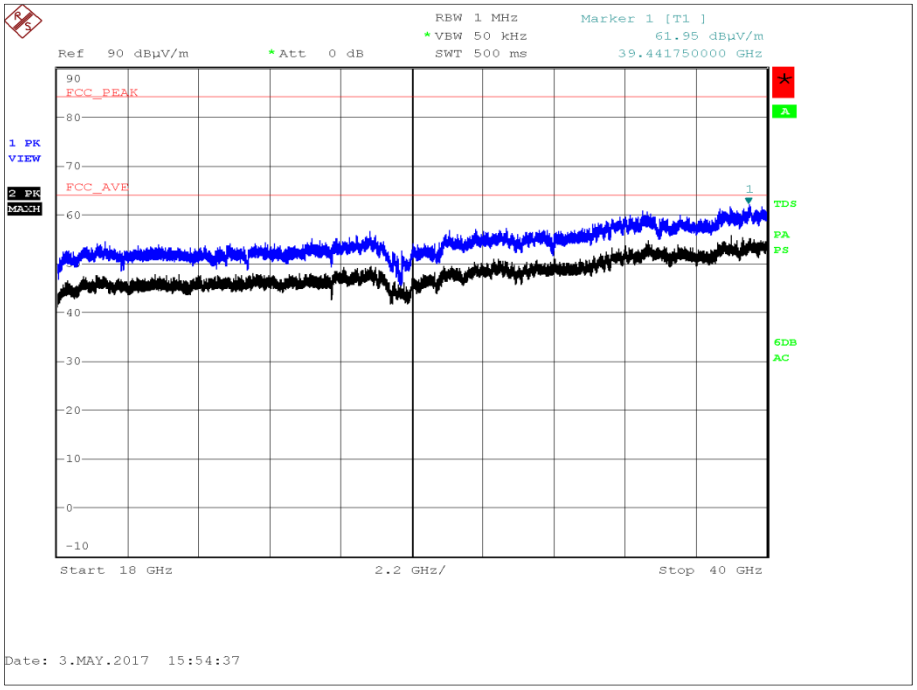

Figure 337 - U-NII 2c - 5500 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.410	30.2	40.0	-9.8	360	1.00	Vertical
37.500	27.0	40.0	-13.0	161	1.00	Vertical
608.000	36.4	46.0	-9.6	327	1.00	Vertical
612.567	42.5	46.0	-3.5	23	1.00	Vertical
614.000	40.3	46.0	-5.7	31	1.00	Vertical
960.000	34.0	46.0	-12.0	79	1.00	Vertical

Table 242 - U-NII 2c - 5580 MHz - 30 MHz to 1 GHz

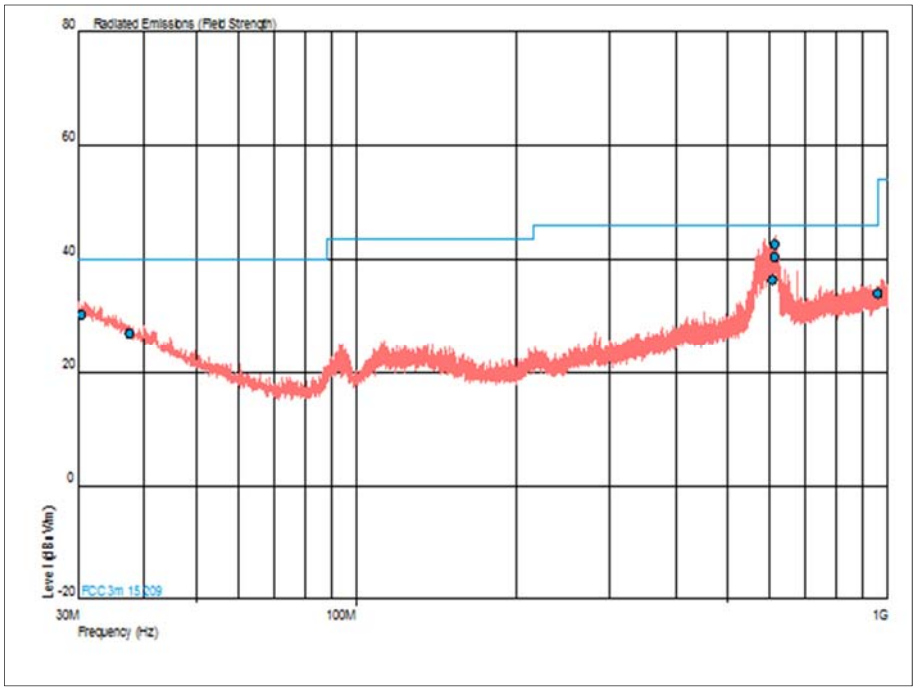

Figure 338 - U-NII 2c - 5580 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 243 - U-NII 2c - 5580 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

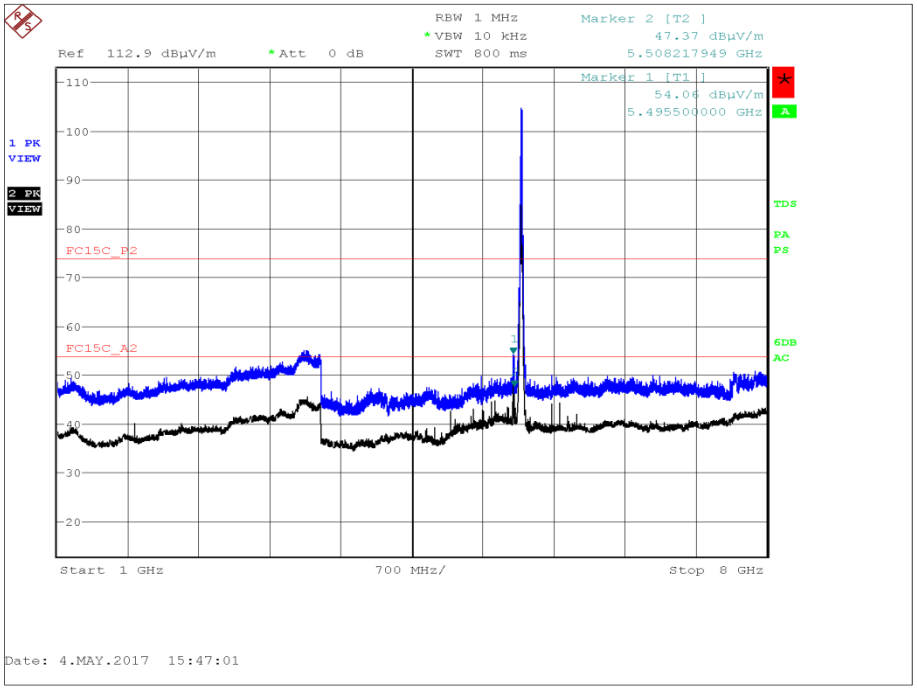

Figure 339 - U-NII 2c - 5580 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

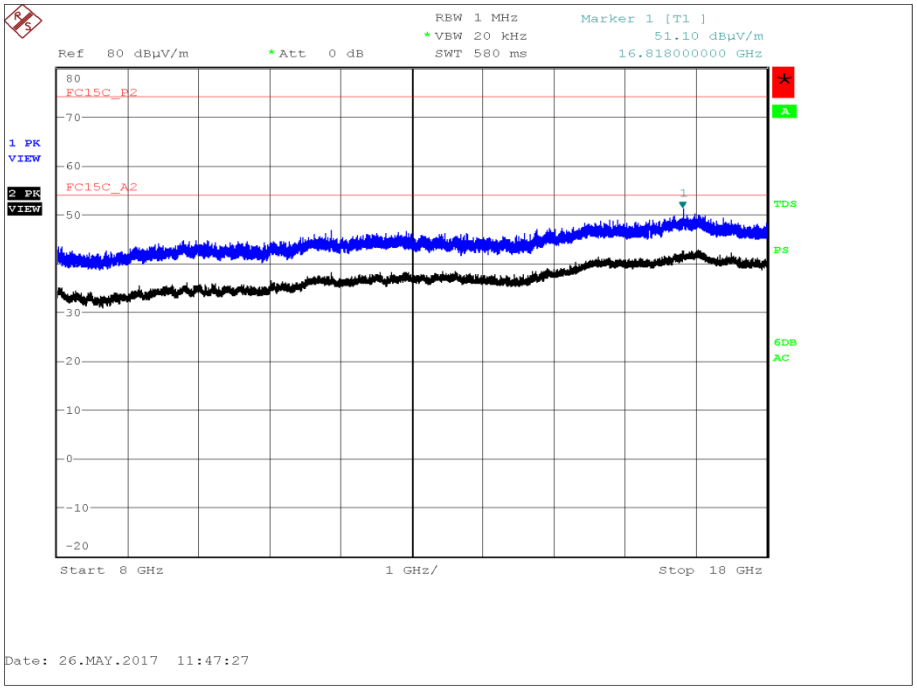

Figure 340 - U-NII 2c - 5580 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

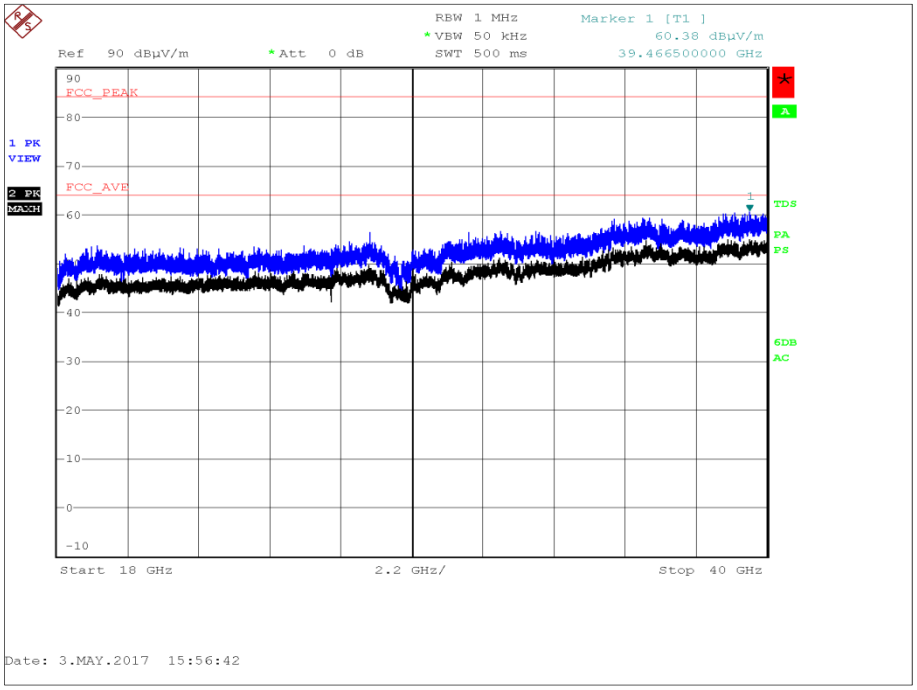

Figure 341 - U-NII 2c - 5580 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.462	30.2	40.0	-9.8	235	1.00	Vertical
37.500	27.0	40.0	-13.0	105	1.00	Vertical
608.000	37.9	46.0	-8.1	309	1.00	Vertical
612.809	42.5	46.0	-3.5	304	1.00	Vertical
614.000	38.9	46.0	-7.1	281	1.00	Vertical
960.000	34.0	46.0	-12.0	54	1.00	Vertical

Table 244 - U-NII 2c - 5700 MHz - 30 MHz to 1 GHz

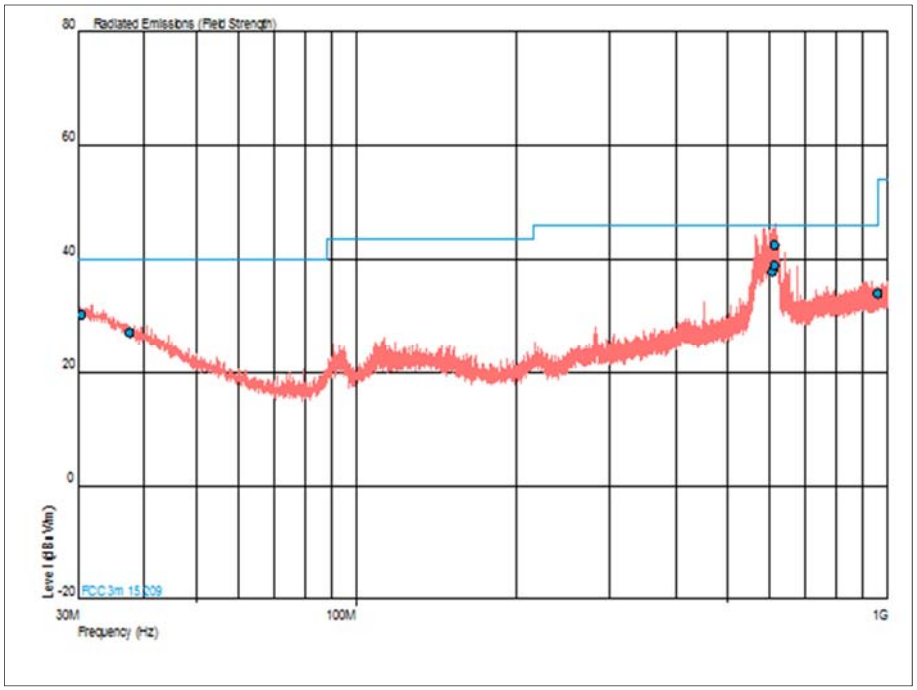

Figure 342 - U-NII 2c - 5700 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 245 - U-NII 2c - 5700 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

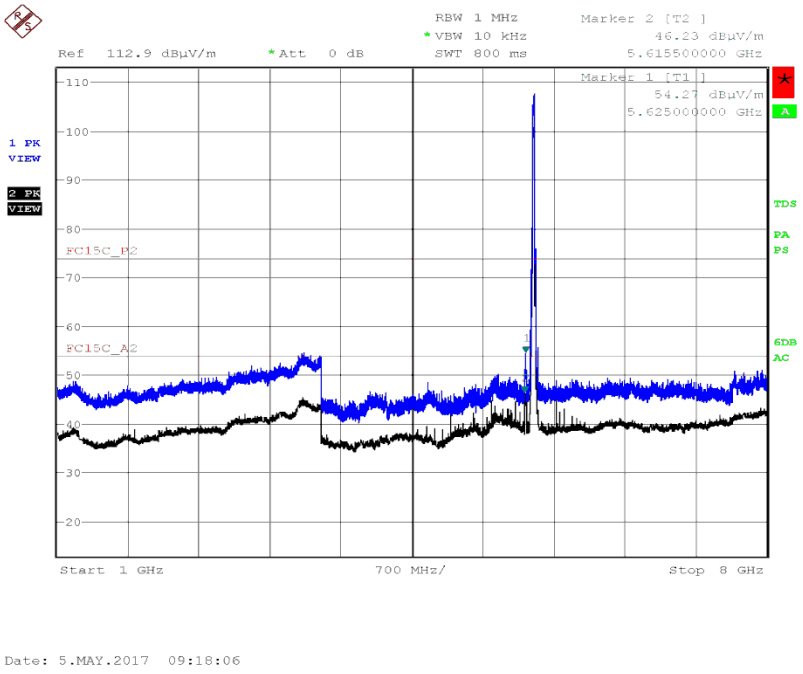

Figure 343 - U-NII 2c - 5700 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

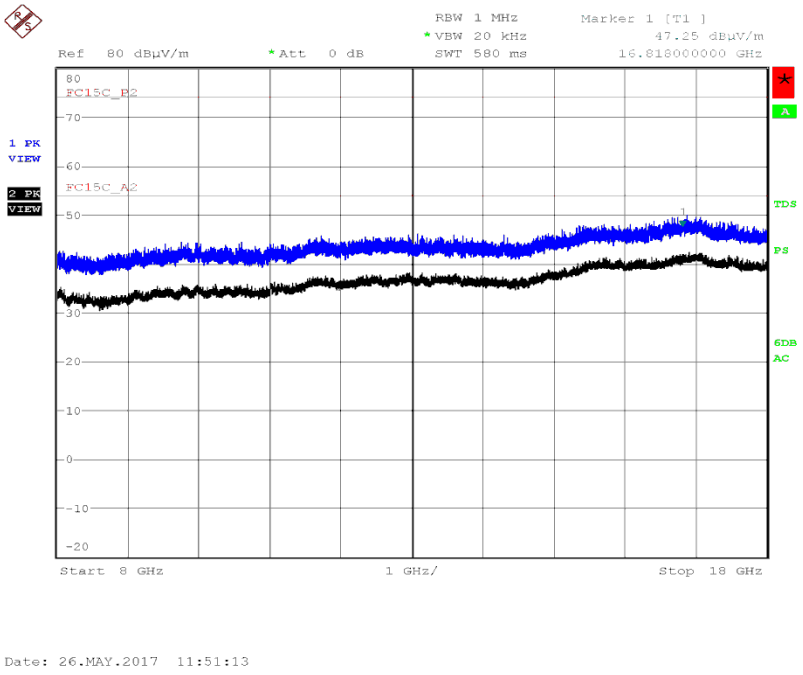

Figure 344 - U-NII 2c - 5700 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

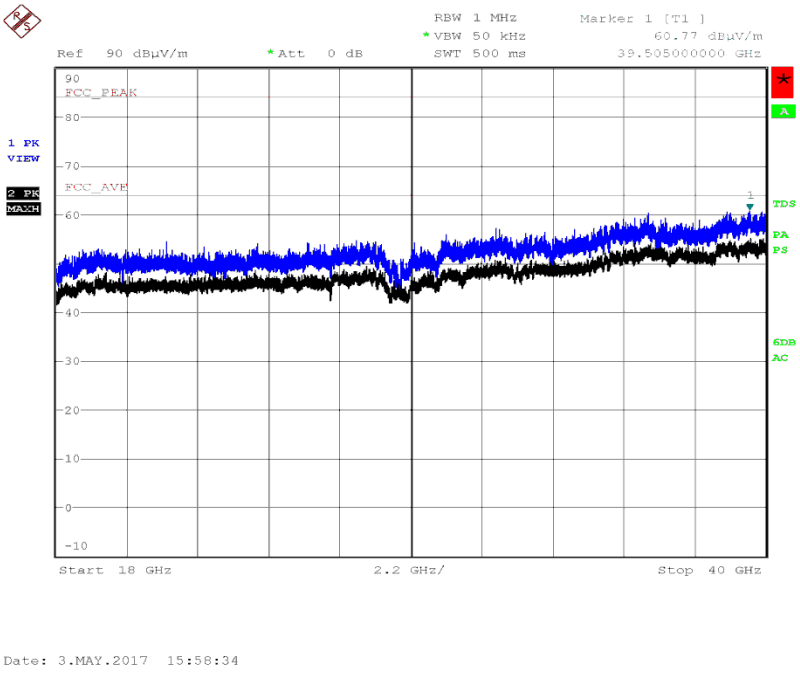

Figure 345 - U-NII 2c - 5700 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
37.500	26.9	40.0	-13.1	360	1.00	Horizontal
281.532	26.7	46.0	-19.3	36	1.00	Vertical
608.000	31.3	46.0	-14.7	326	1.00	Vertical
610.029	35.8	46.0	-10.2	310	1.00	Vertical
614.000	37.3	46.0	-8.7	310	1.00	Vertical
960.000	34.0	46.0	-12.0	313	1.00	Vertical

Table 246 - U-NII 3 - 5745 MHz - 30 MHz to 1 GHz

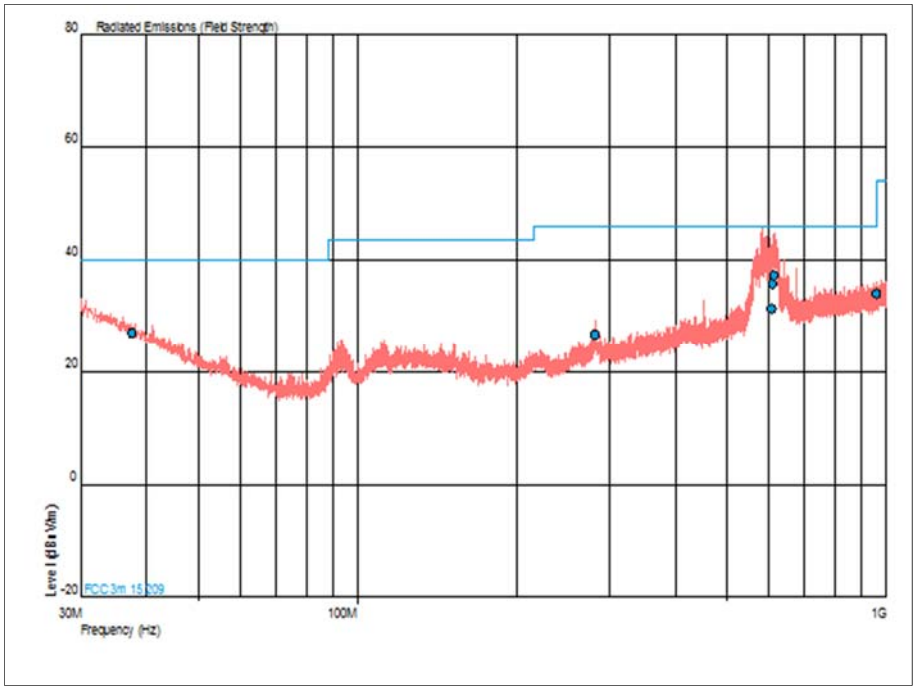

Figure 346 - U-NII 3 - 5745 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 247 - U-NII 3 - 5745 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

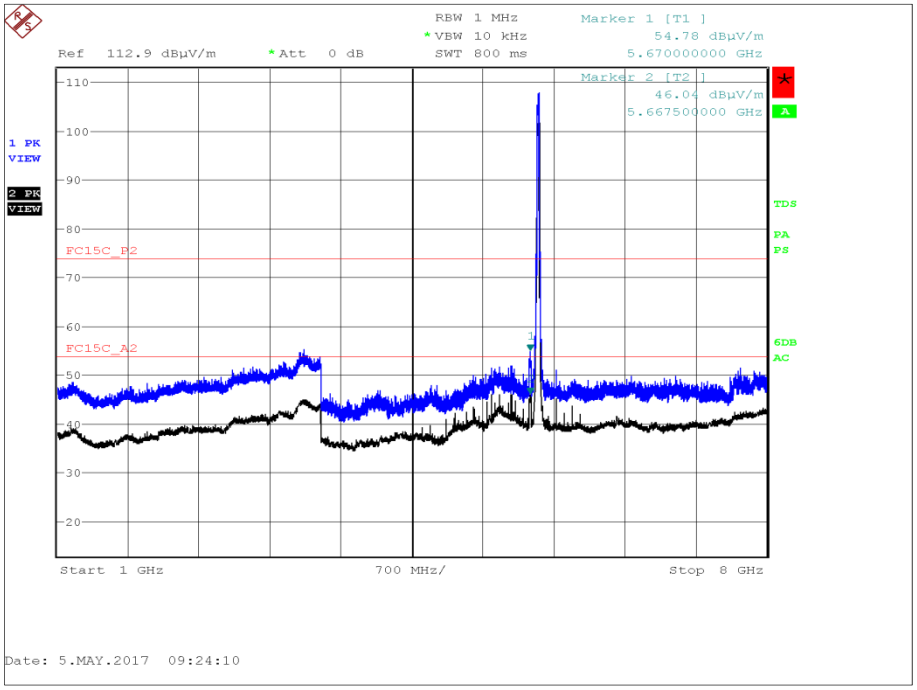

Figure 347 - U-NII 3 - 5745 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

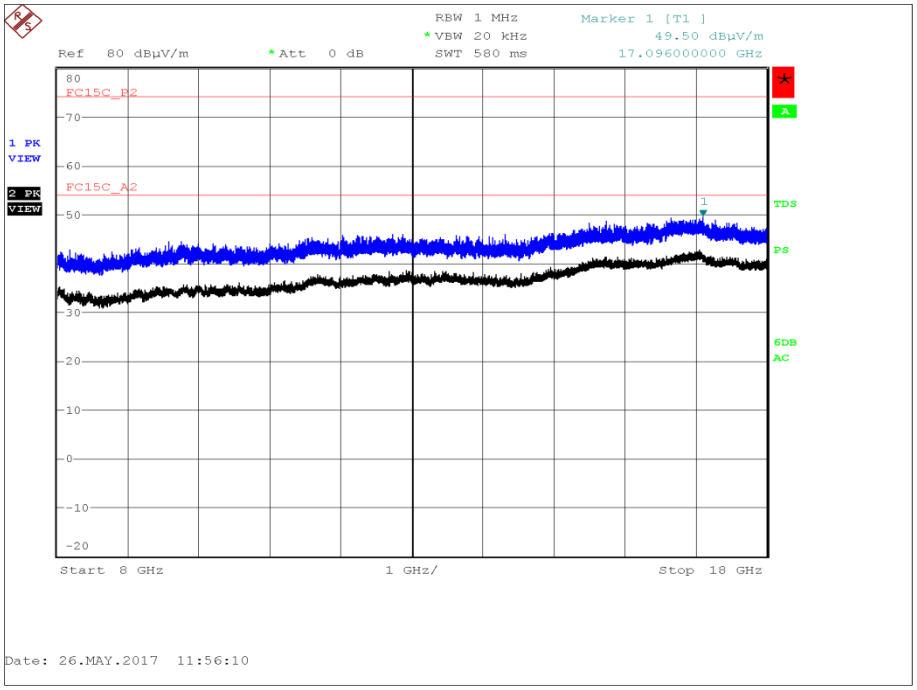

Figure 348 - U-NII 3 - 5745 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

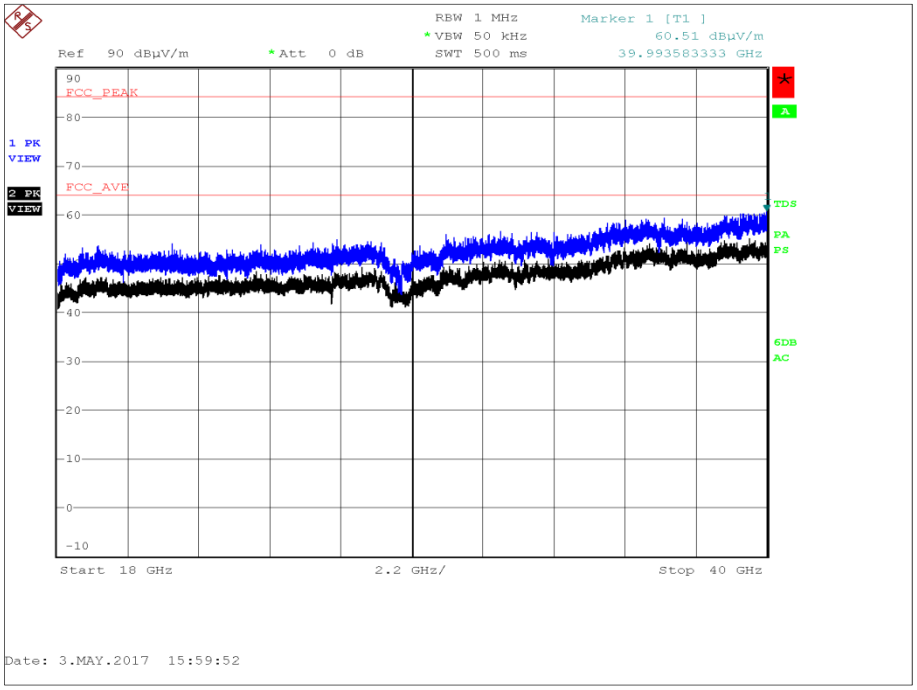

Figure 349 - U-NII 3 - 5745 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.953	29.8	40.0	-10.2	96	1.00	Vertical
37.500	26.8	40.0	-13.2	232	1.00	Vertical
608.000	37.7	46.0	-8.3	318	1.00	Vertical
612.673	42.3	46.0	-3.7	322	1.00	Vertical
614.000	42.2	46.0	-3.8	318	1.00	Vertical
960.000	33.9	46.0	-12.1	113	1.00	Vertical

Table 248 - U-NII 3 - 5785 MHz - 30 MHz to 1 GHz

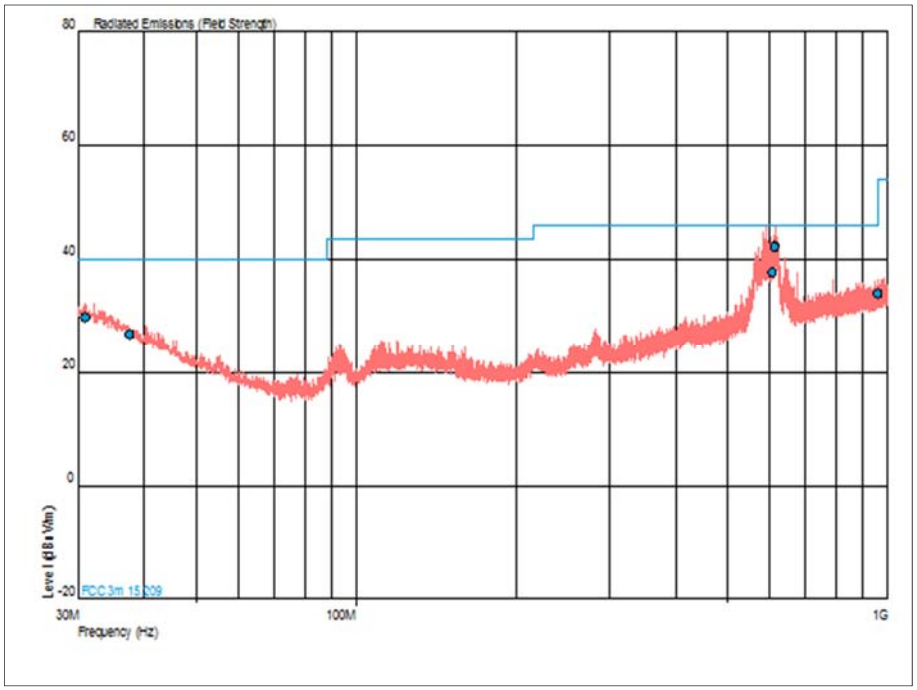

Figure 350 - U-NII 3 - 5785 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
*						

Table 249 - U-NII 3 - 5785 MHz - 1 GHz to 40 GHz

*No emissions were detected within 6 dB of the limit.

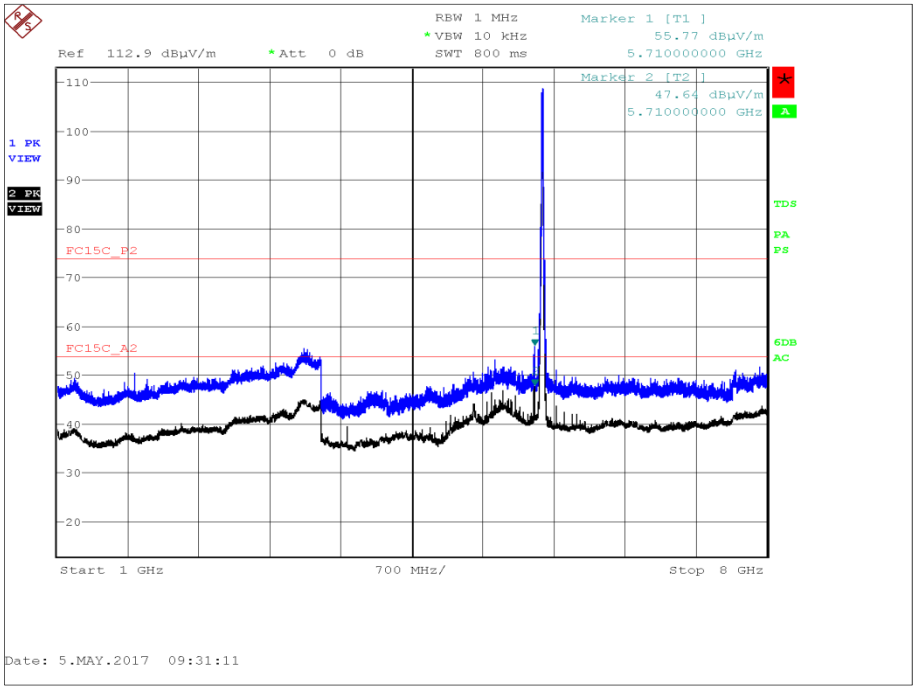

Figure 351 - U-NII 3 - 5785 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

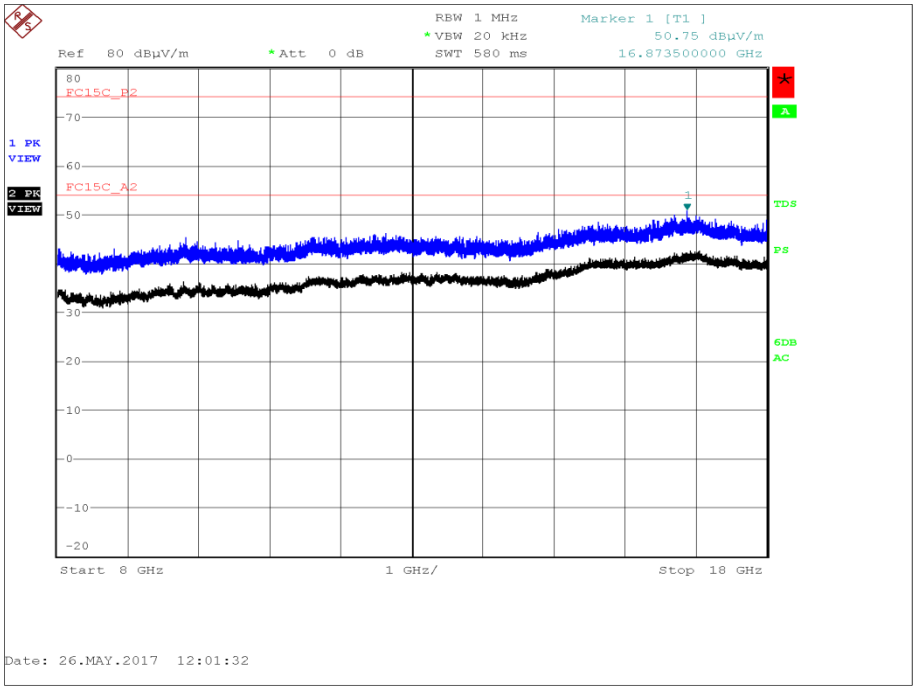

Figure 352 - U-NII 3 - 5785 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

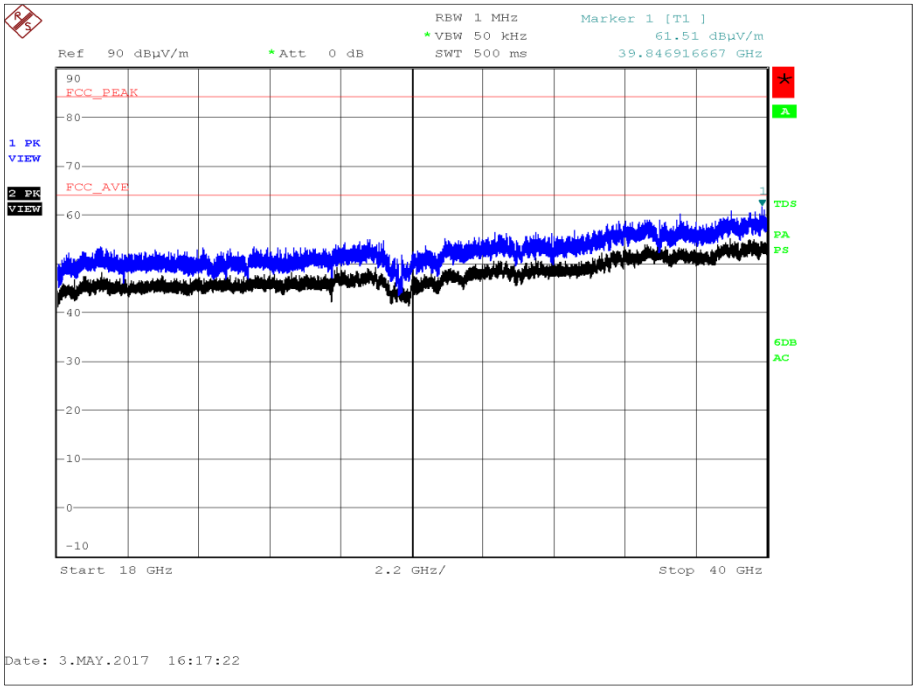

Figure 353 - U-NII 3 - 5785 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.583	30.0	40.0	-10.0	70	1.00	Vertical
37.500	27.0	40.0	-13.0	31	1.00	Vertical
608.000	36.9	46.0	-9.1	178	1.00	Vertical
612.692	41.1	46.0	-4.9	317	1.00	Vertical
614.000	37.2	46.0	-8.8	297	1.00	Vertical
960.000	33.9	46.0	-12.1	0	1.00	Vertical

Table 250 - U-NII 3 - 5825 MHz - 30 MHz to 1 GHz

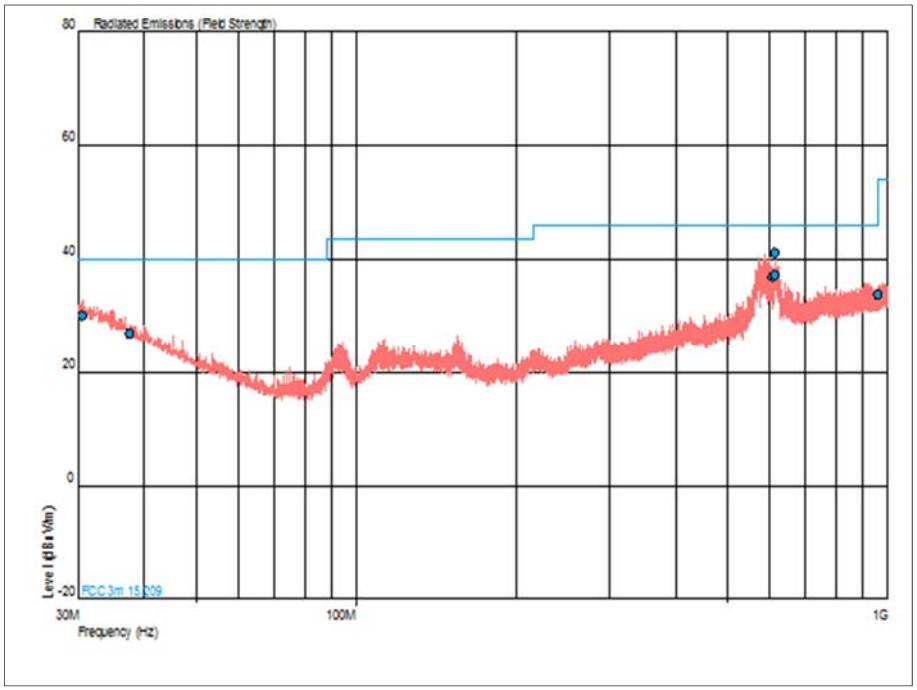

Figure 354 - U-NII 3 - 5825 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.747	663.74	240.16	5000.00	500.00	4336.26	259.84

Table 251 - U-NII 3 - 5825 MHz - 1 GHz to 40 GHz

No other emissions were detected within 6 dB of the limit.

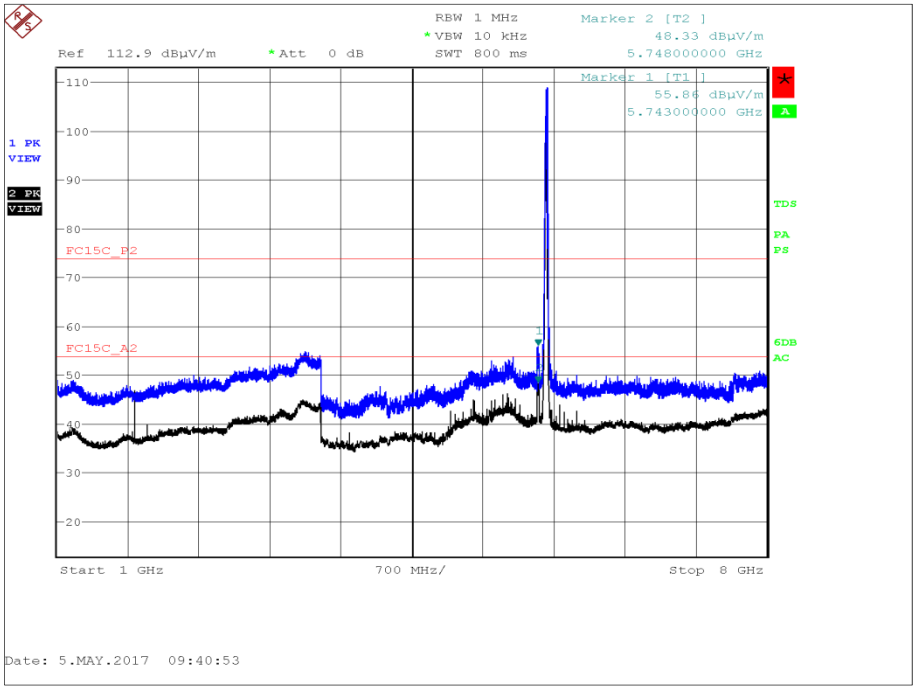

Figure 355 - U-NII 3 - 5825 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

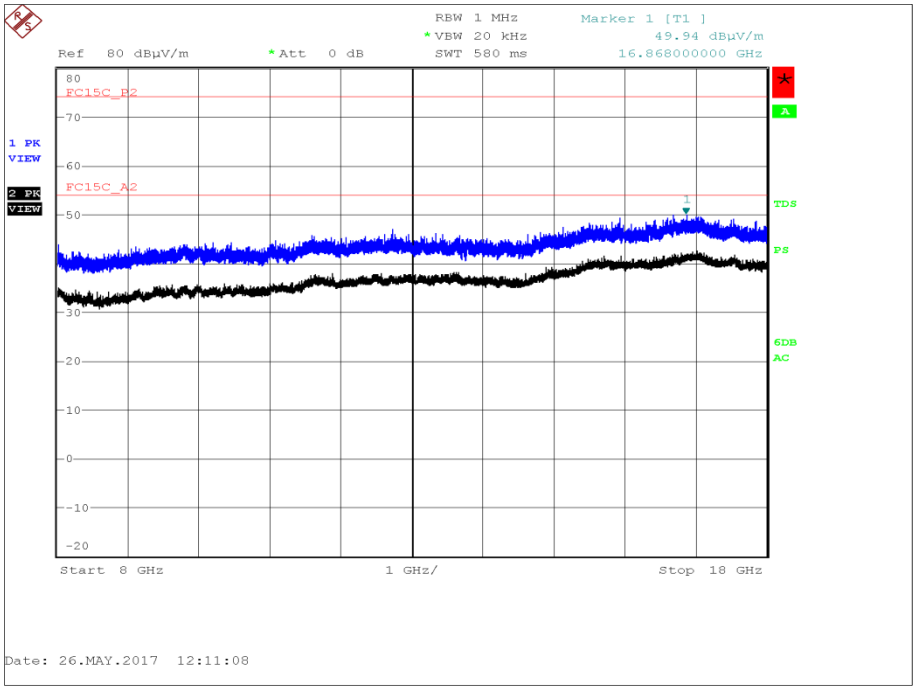

Figure 356 - U-NII 3 - 5825 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

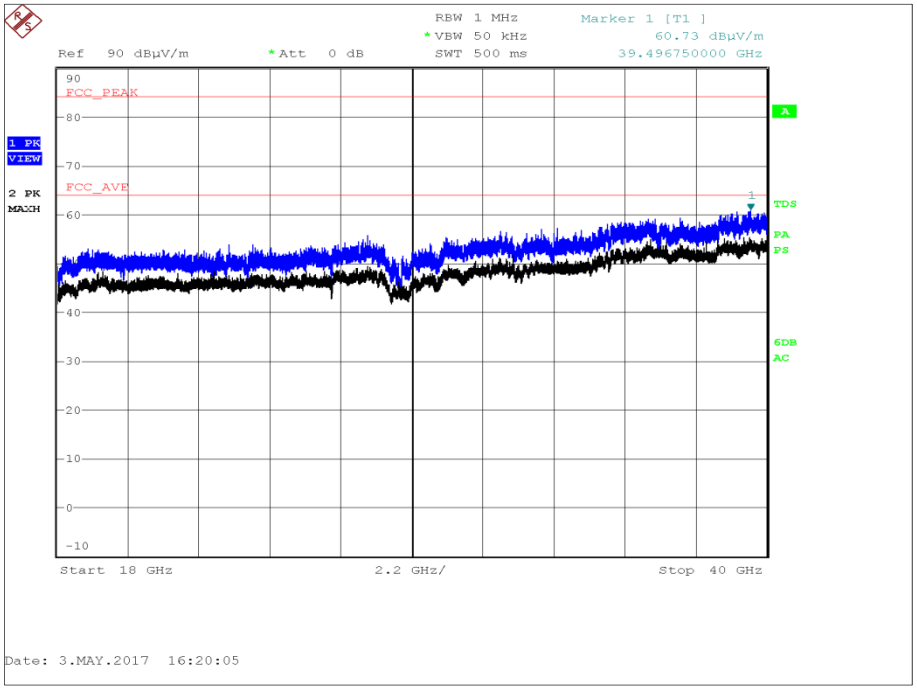

Figure 357 - U-NII 3 - 5825 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

FCC 47 CFR Part 15E, Limit Clause 15.209

Frequency (MHz)	Field Strength (µV/m)	Measurement Distance (m)
0.009 to 0.490	2400/F(kHz)	300
0.490 to 1.705	24000/F(kHz)	30
1.705 to 30	30	30
30 to 88	100	3
88 to 216	150	3
216 to 960	200	3
Above 960	500	3

Table 252

ANT793-8DK + 10m Cable - 802.11a

Testing was performed on the Data Rate which resulted in the highest conducted output power. The Data Rate used during testing was 6 Mbps.

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
30.462	30.2	40.0	-9.8	159	2.52	Vertical
37.500	27.0	40.0	-13.0	360	1.00	Vertical
608.000	39.3	46.0	-6.7	229	1.00	Vertical
612.798	45.2	46.0	-0.8	202	1.27	Vertical
614.000	44.9	46.0	-1.1	204	1.08	Vertical
960.000	33.9	46.0	-12.1	335	1.00	Vertical

Table 253 - U-NII 1 - 5180 MHz - 30 MHz to 1 GHz

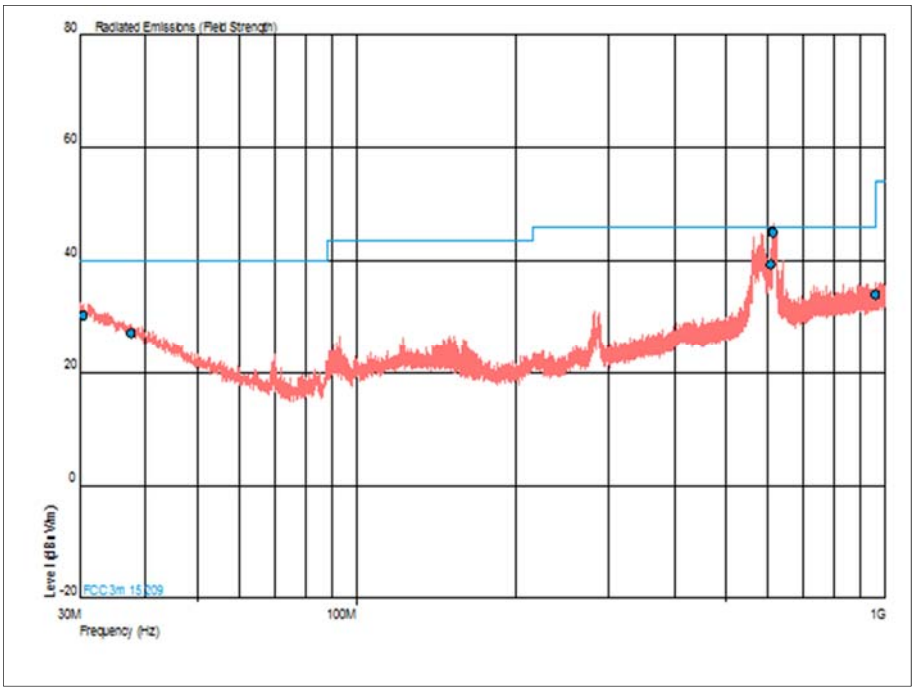

Figure 358 - U-NII 1 - 5180 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.103878	1823.90	484.88	5000.00	500.00	3176.10	15.12
5.439970	889.20	381.94	5000.00	500.00	4110.80	118.06

Table 254 - U-NII 1 - 5180 MHz - 1 GHz to 40 GHz

No other emissions were detected within 10 dB of the limit.

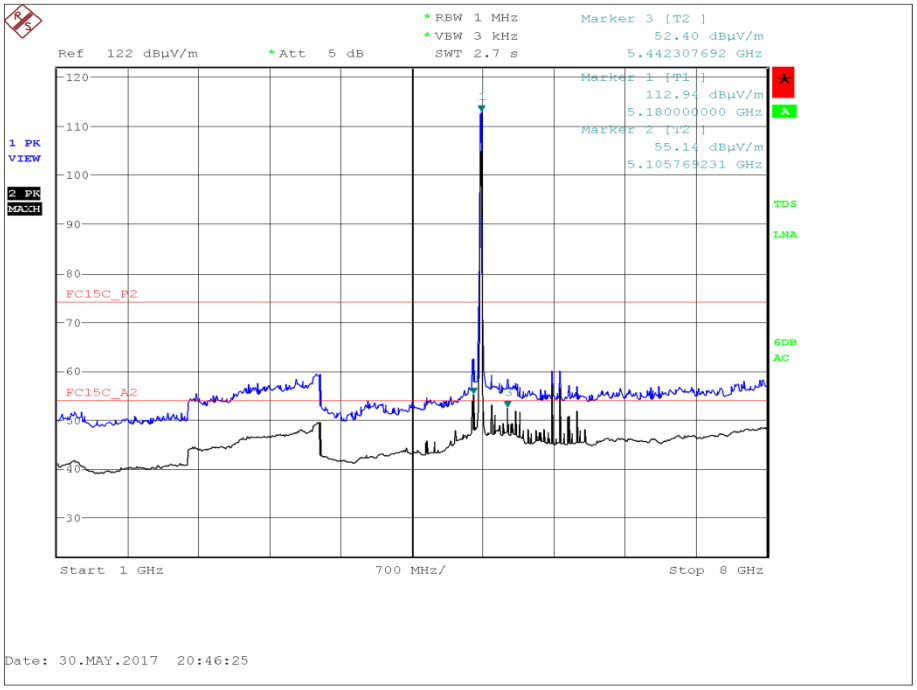

Figure 359 - U-NII 1 - 5180 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

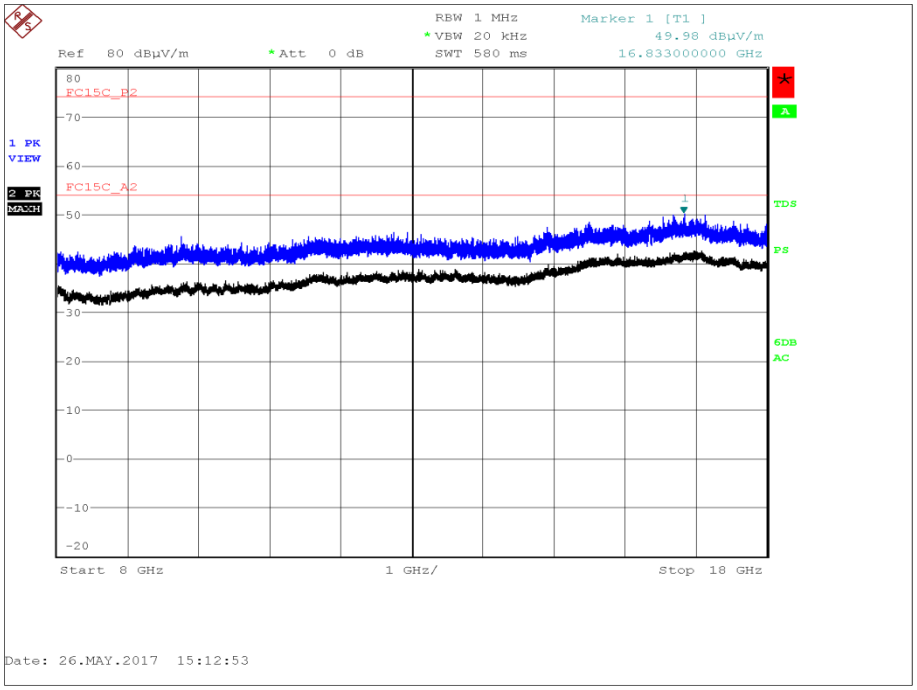

Figure 360 - U-NII 1 - 5180 MHz - 8 GHz to 18 GHz - Horizontal and Vertical

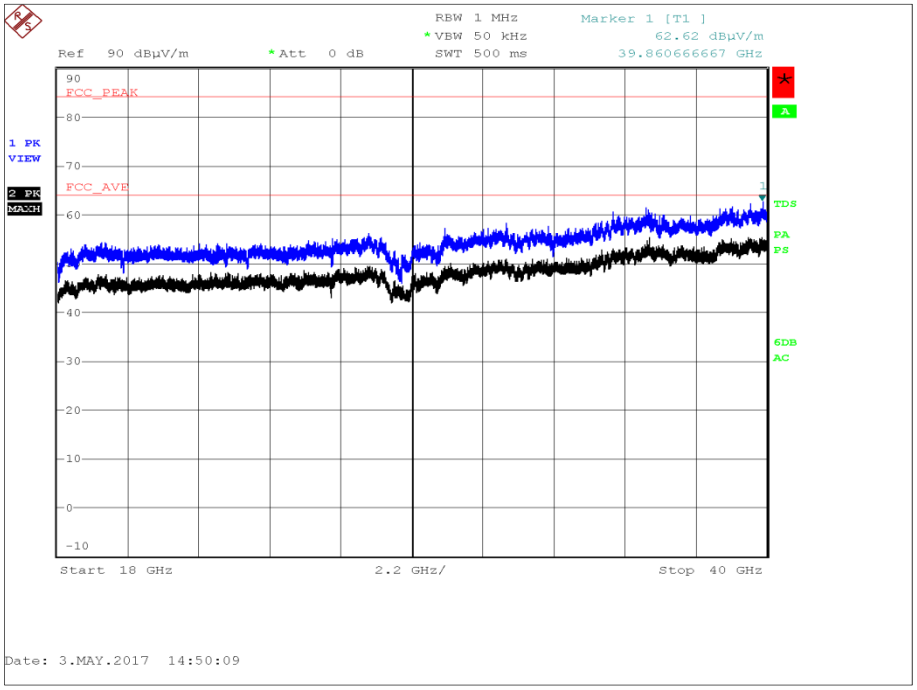

Figure 361 - U-NII 1 - 5180 MHz - 18 GHz to 40 GHz - Horizontal and Vertical

Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	QP Margin (dBuV/m)	Angle(Deg)	Height(m)	Polarity
31.001	29.9	40.0	-10.1	360	1.26	Vertical
37.500	27.1	40.0	-12.9	270	2.41	Vertical
608.000	40.1	46.0	-5.9	216	1.00	Vertical
612.567	45.9	46.0	-0.1	213	1.09	Vertical
614.000	42.7	46.0	-3.3	219	1.28	Vertical
960.000	34.0	46.0	-12.0	283	1.00	Vertical

Table 255 - U-NII 1 - 5200 MHz - 30 MHz to 1 GHz

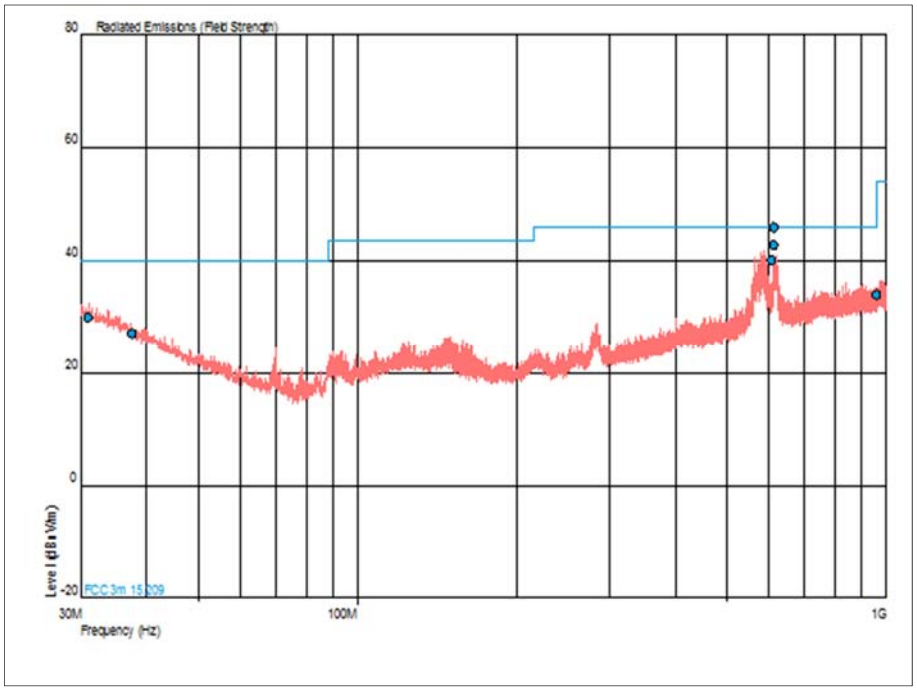

Figure 362 - U-NII 1 - 5200 MHz - 30 MHz to 1 GHz - Horizontal and Vertical

Frequency (GHz)	Result (µV/m)		Limit (µV/m)		Margin (µV/m)	
	Peak	Average	Peak	Average	Peak	Average
5.126467	1686.55	438.53	5000.00	500.00	3313.45	61.47
5.116900	1153.45	397.19	5000.00	500.00	3846.55	102.81

Table 256 - U-NII 1 - 5200 MHz - 1 GHz to 40 GHz

No other emissions were detected within 10 dB of the limit.

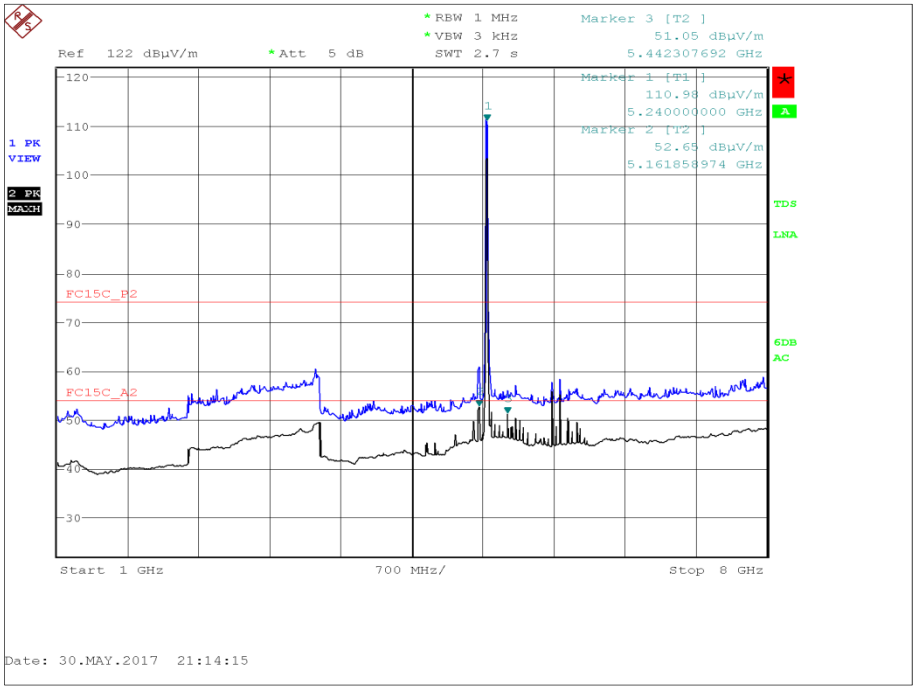

Figure 363 - U-NII 1 - 5200 MHz - 1 GHz to 8 GHz - Horizontal and Vertical

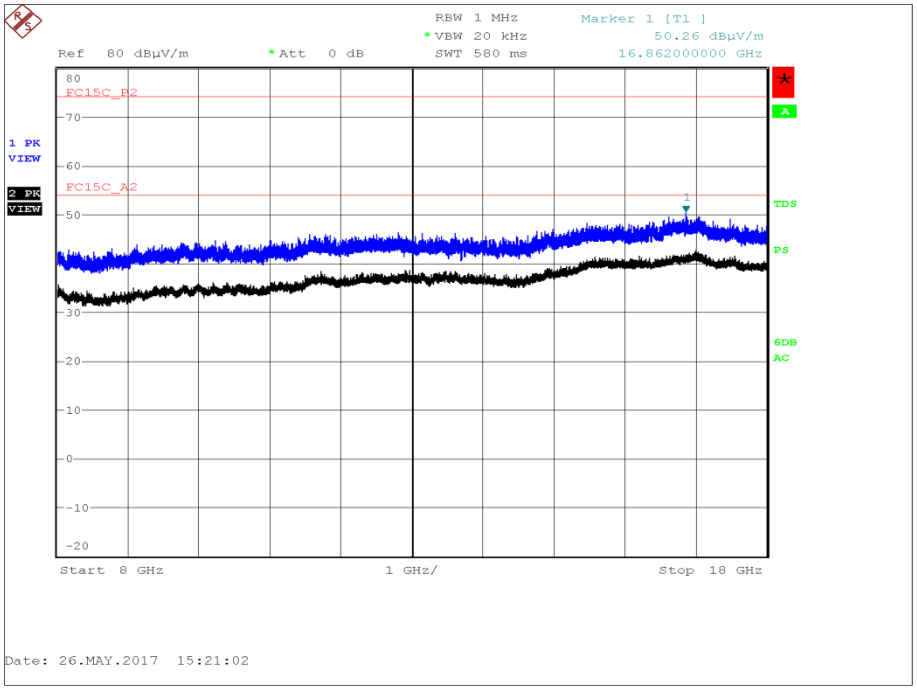

Figure 364 - U-NII 1 - 5200 MHz - 8 GHz to 18 GHz - Horizontal and Vertical