2.4.6 Test Results

802.11a

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Measured Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	6 Mbps	5180	5150	61.51
Widest Emission Bandwidth	12 Mbps	5180	5150	61.46

Table 80 - U-NII 1 - Authorised Band Edge Results

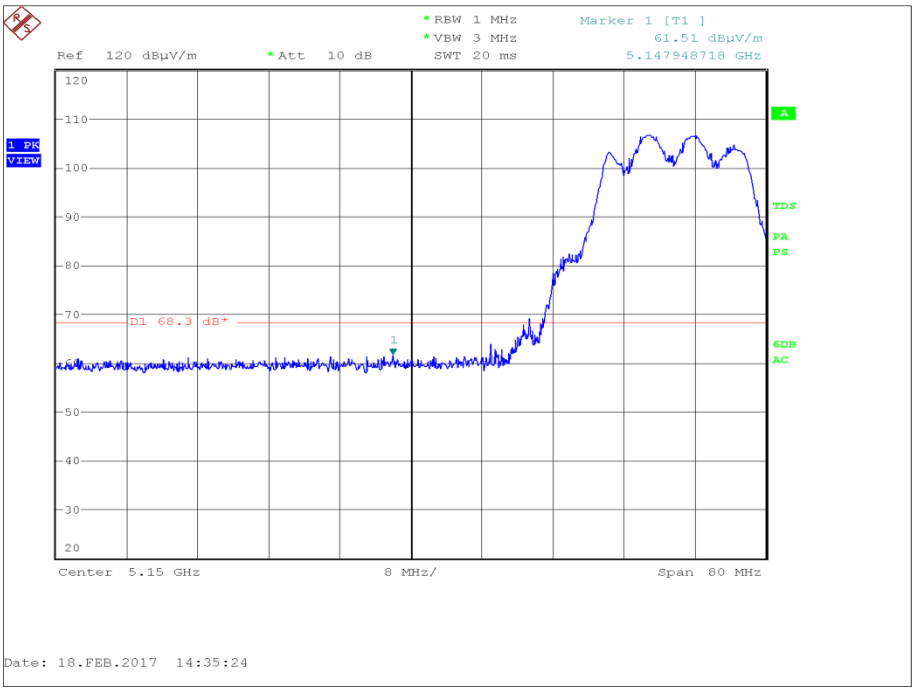

Figure 60 - U-NII 1 - Authorised Band Edge at 5150 MHz - Highest Conducted Power

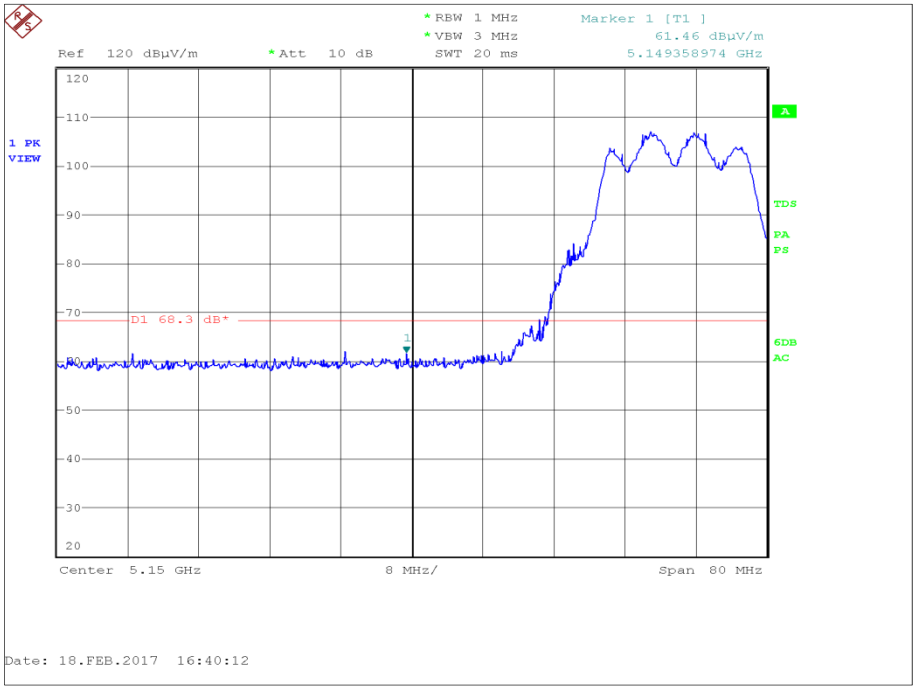

Figure 61 - U-NII 1 - Authorised Band Edge at 5150 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Measured Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	6 Mbps	5320	5350	61.19
Widest Emission Bandwidth	12 Mbps	5320	5350	62.37

Table 81 - U-NII 2a - Authorised Band Edge Results

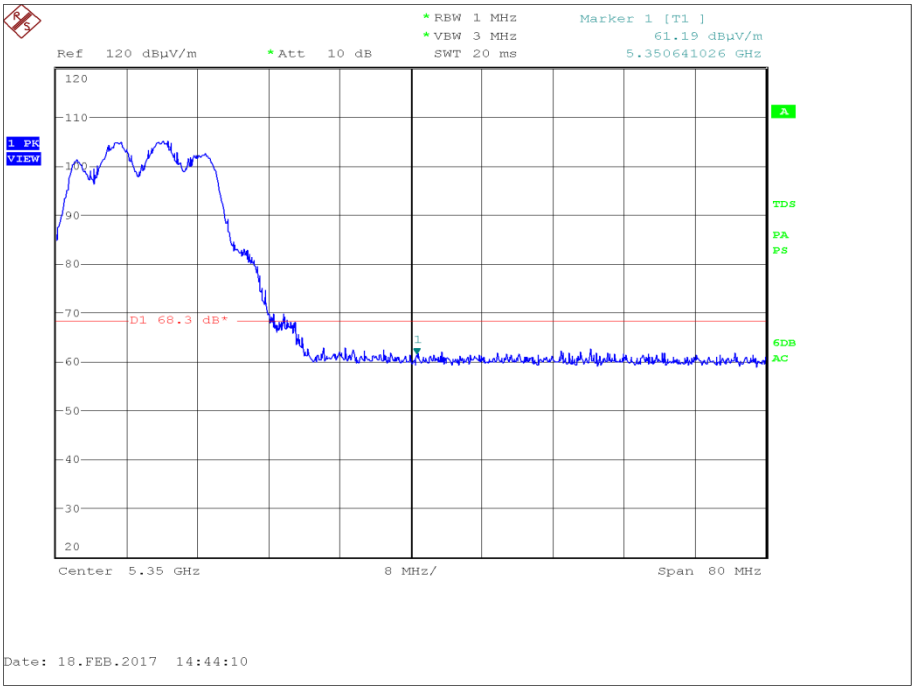

Figure 62 - U-NII 2a - Authorised Band Edge at 5350 MHz - Highest Conducted Power

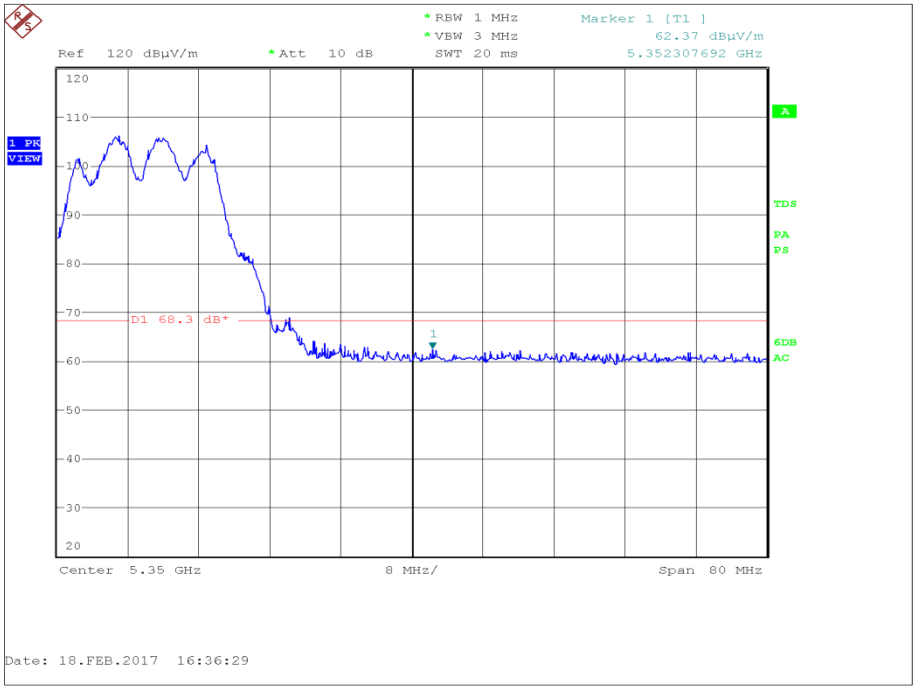

Figure 63 - U-NII 2a - Authorised Band Edge at 5350 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	6 Mbps	5500	5470	62.20
Widest Emission Bandwidth	12 Mbps	5500	5470	58.30
Highest Conducted Power	6 Mbps	5700	5725	61.74
Widest Emission Bandwidth	12 Mbps	5700	5725	62.62

Table 82 - U-NII 2c - Authorised Band Edge Results

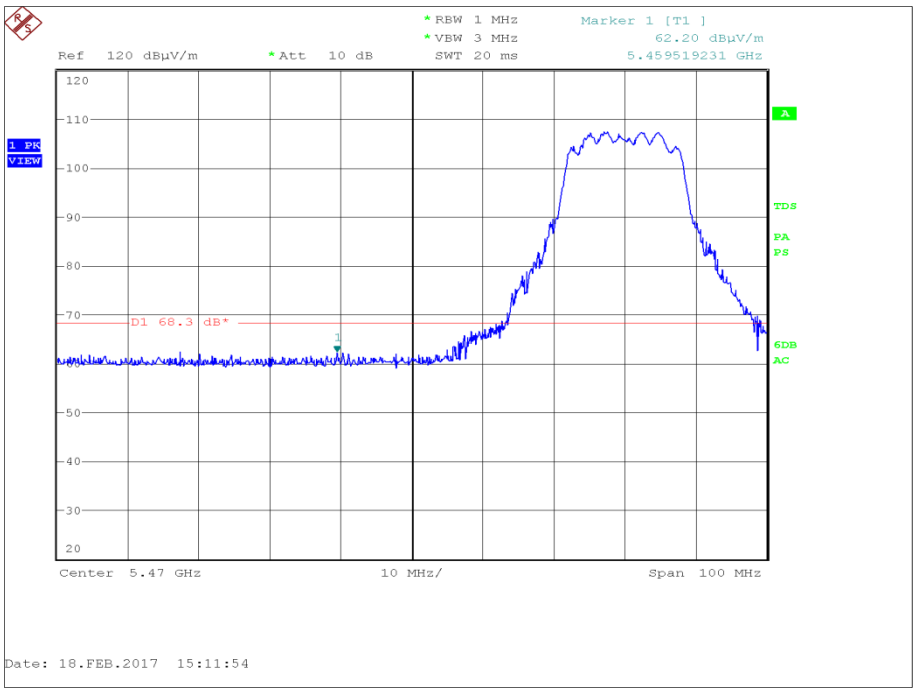

Figure 64 - U-NII 2c - Authorised Band Edge at 5470 MHz - Highest Conducted Power

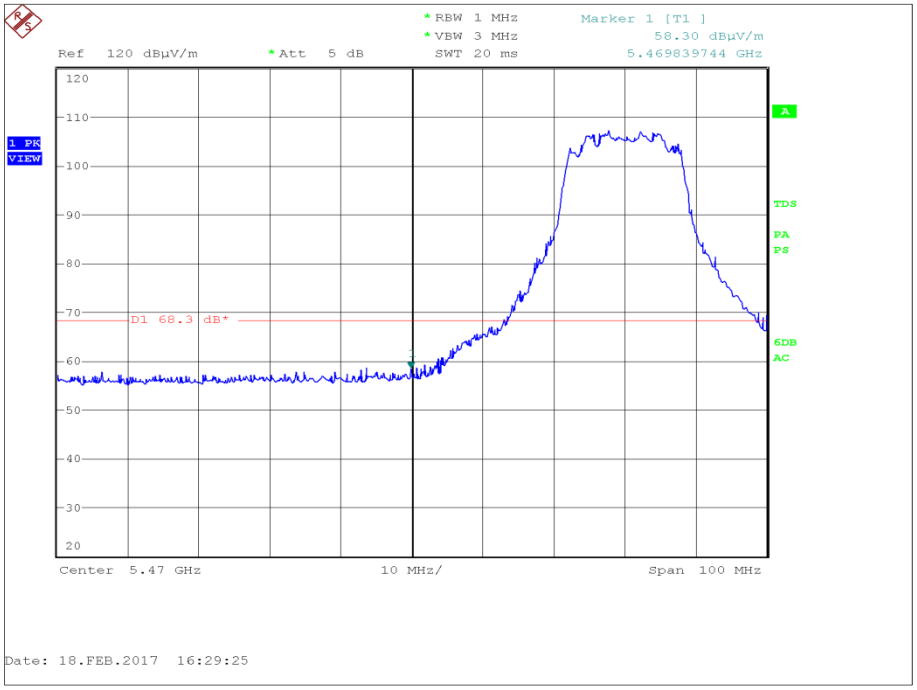

Figure 65 - U-NII 2c - Authorised Band Edge at 5470 MHz - Widest Emission Bandwidth

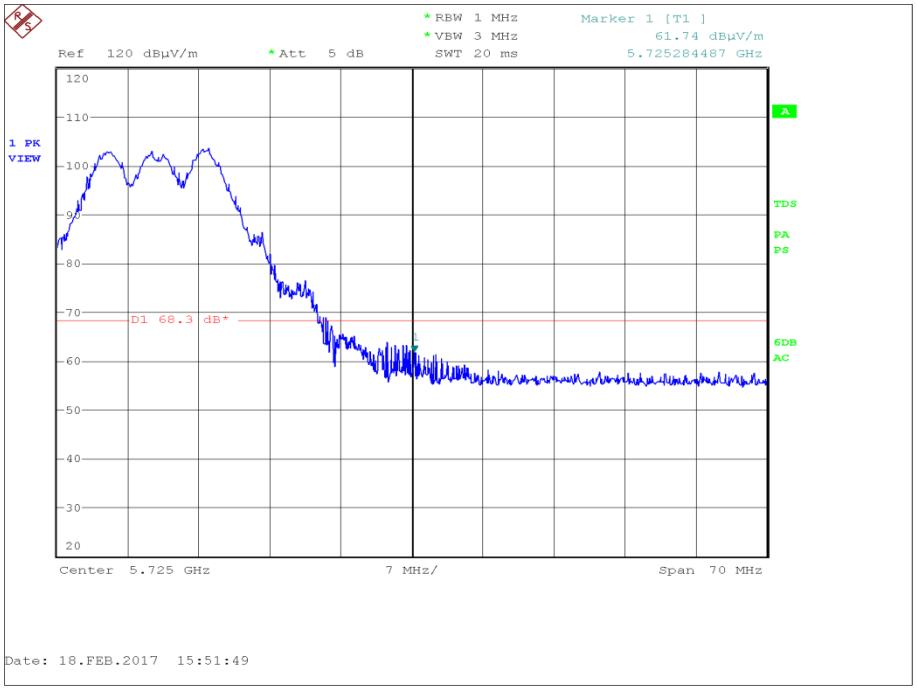

Figure 66 - U-NII 2c - Authorised Band Edge at 5725 MHz - Highest Conducted Power

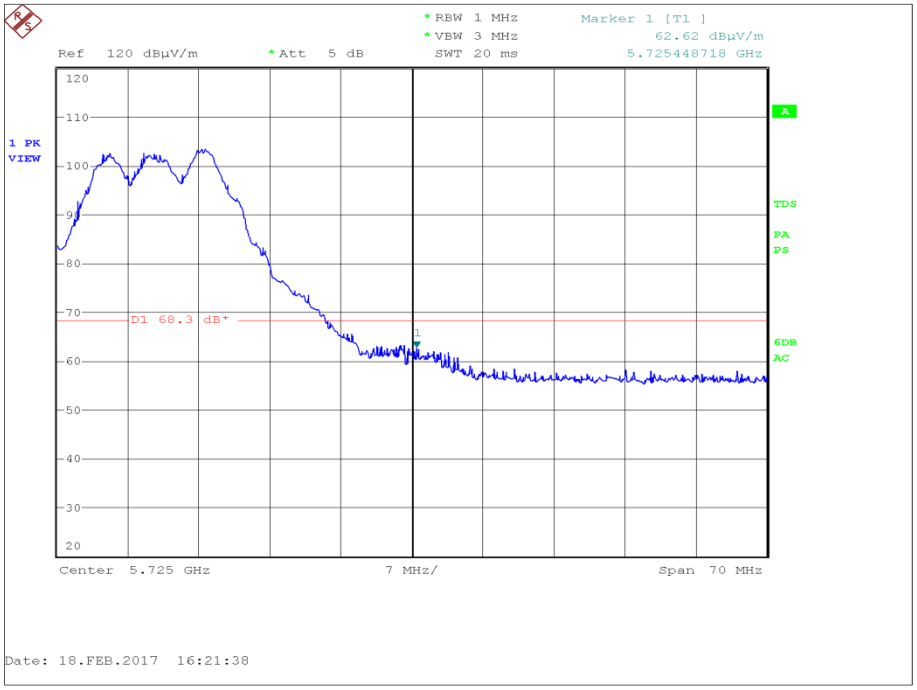

Figure 67 - U-NII 2c - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	6 Mbps	5745	5725	60.74
Widest Emission Bandwidth	12 Mbps	5745	5725	63.76
Highest Conducted Power	6 Mbps	5825	5850	61.96
Widest Emission Bandwidth	12 Mbps	5825	5850	63.31

Table 83 - U-NII 3 - Authorised Band Edge Results

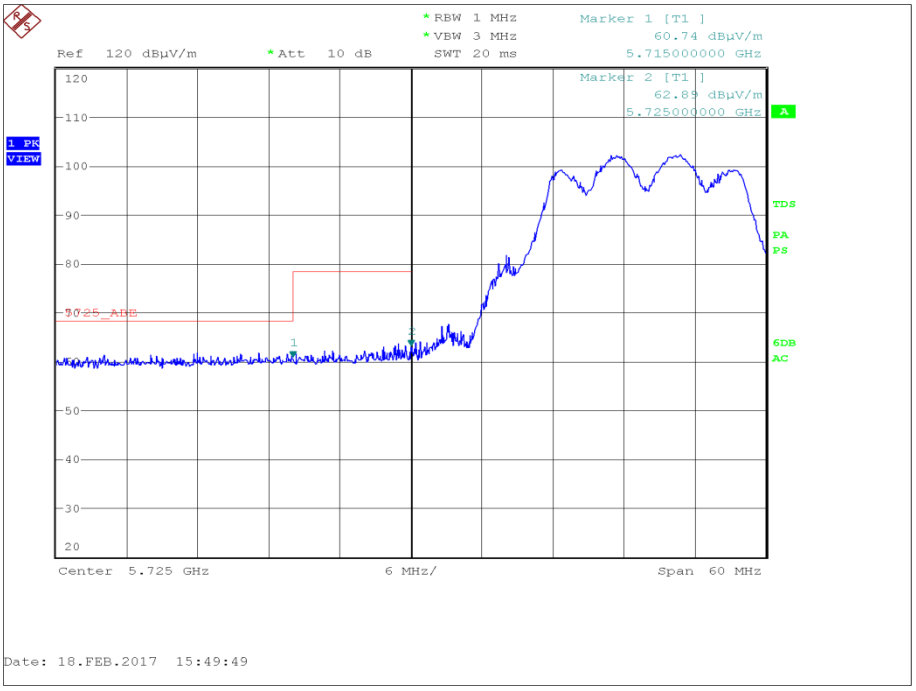

Figure 68 - U-NII 3 - Authorised Band Edge at 5725 MHz - Highest Conducted Power

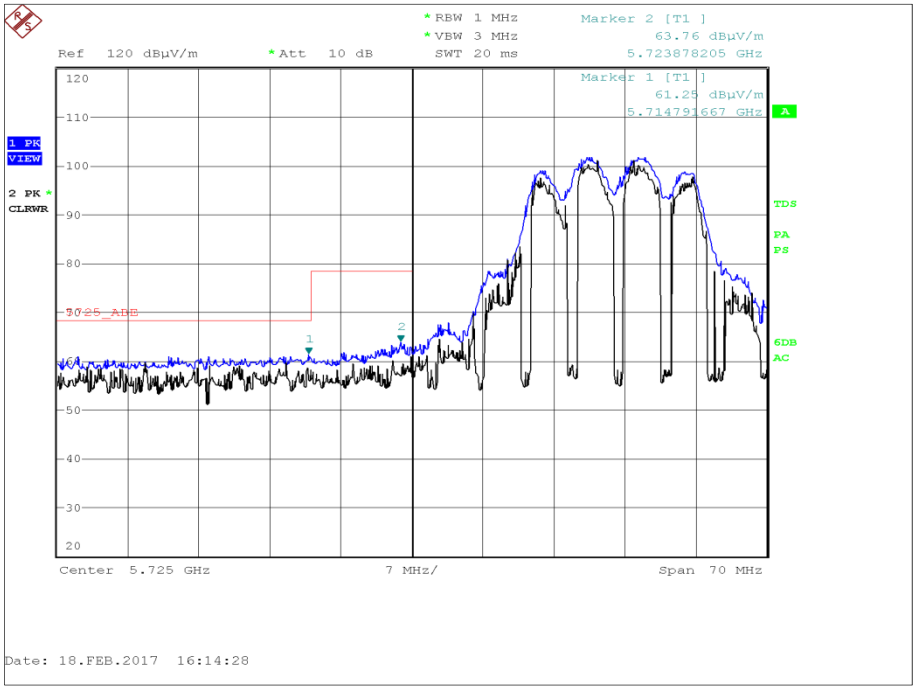

Figure 69 - U-NII 3 - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

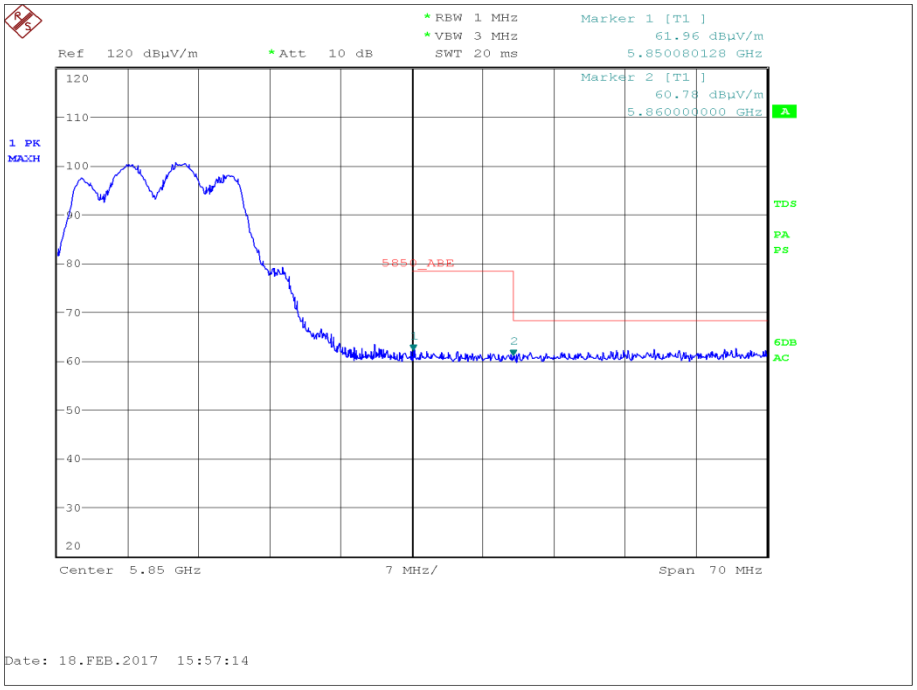

Figure 70 - U-NII 3 - Authorised Band Edge at 5850 MHz - Highest Conducted Power

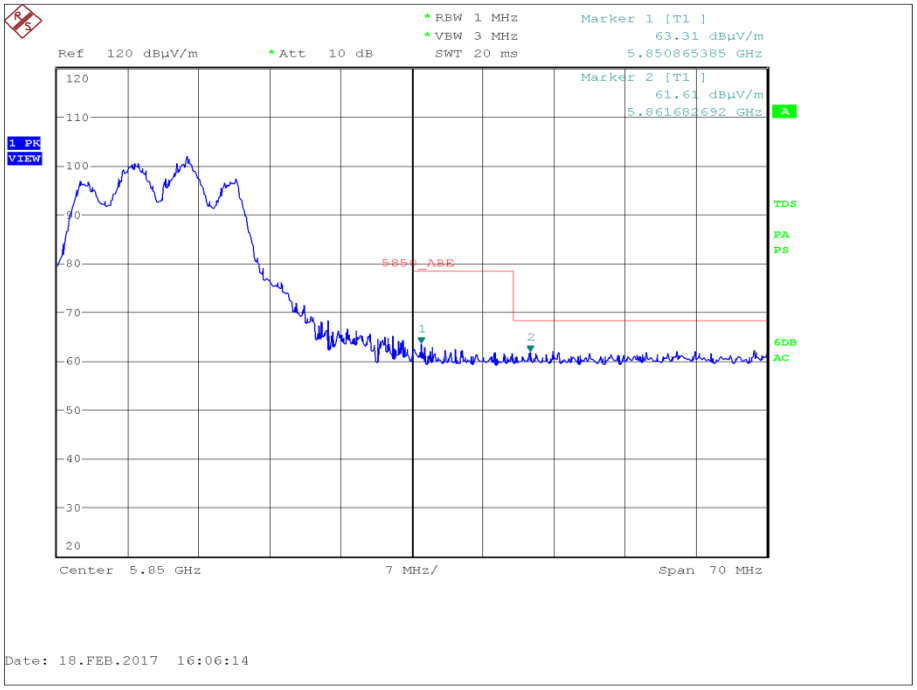

Figure 71 - U-NII 3 - Authorised Band Edge at 5850 MHz - Widest Emission Bandwidth

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

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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

802.11n (20 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS8	5180	5150	61.38
Widest Emission Bandwidth	MCS2	5180	5150	62.24

Table 84 - U-NII 1 - Authorised Band Edge Results

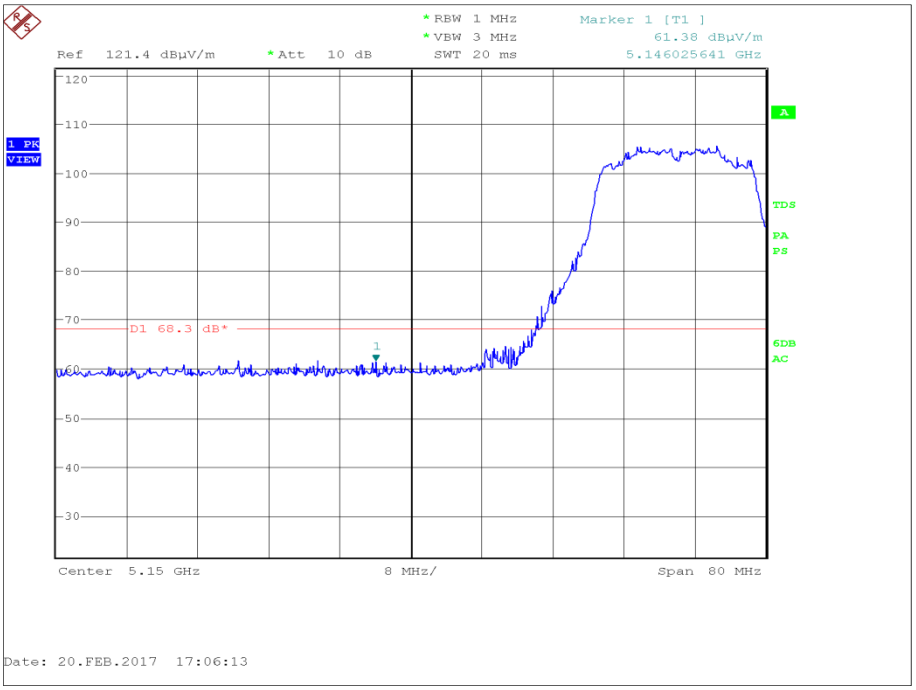

Figure 72 - U-NII 1 - Authorised Band Edge at 5150 MHz - Highest Conducted Power

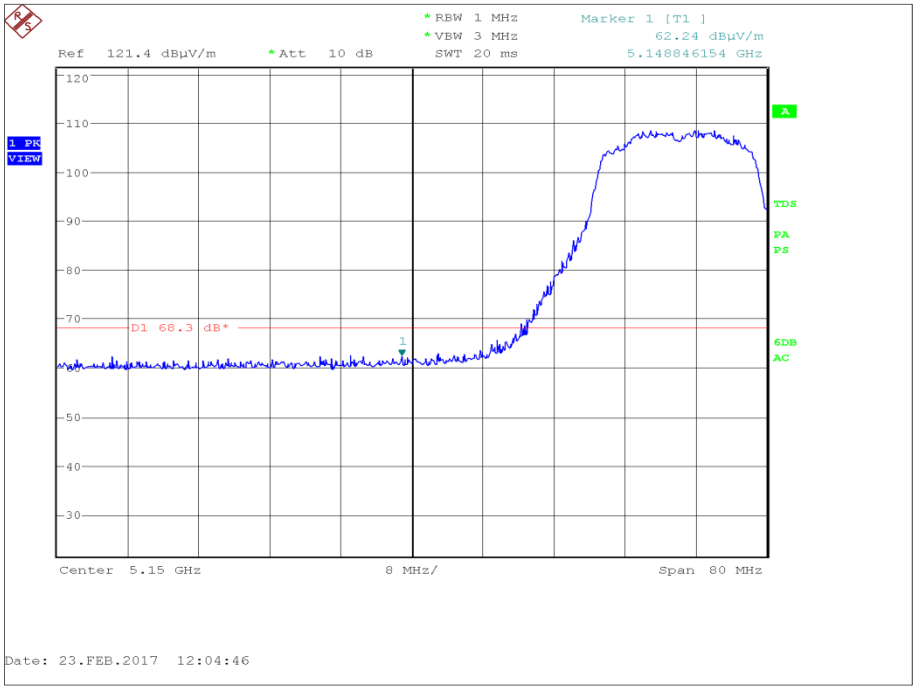

Figure 73 - U-NII 1 - Authorised Band Edge at 5150 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS8	5320	5350	61.40
Widest Emission Bandwidth	MCS2	5320	5350	62.68

Table 85 - U-NII 2a - Authorised Band Edge Results

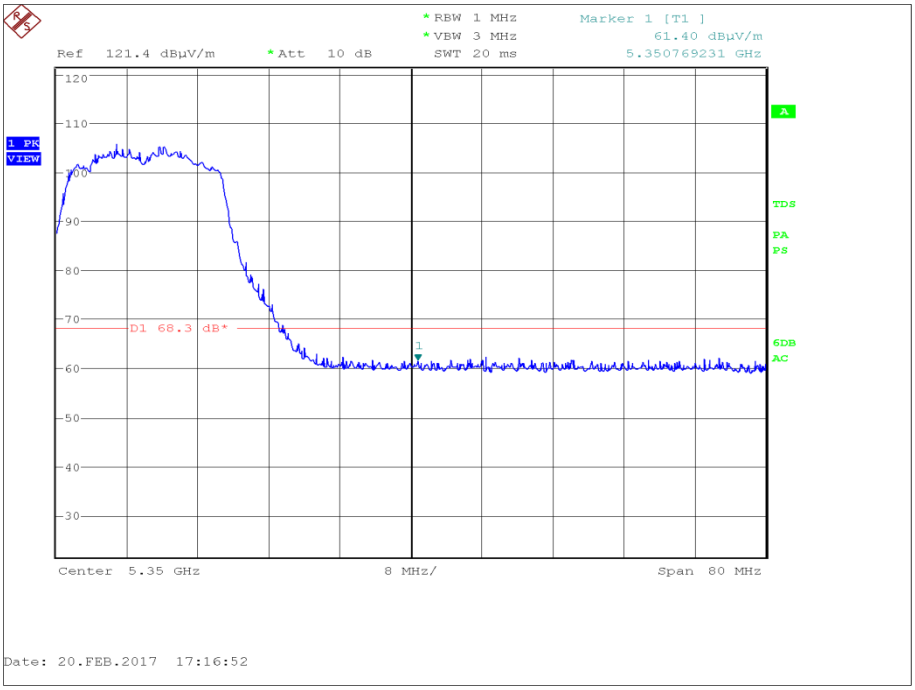

Figure 74 - U-NII 2a - Authorised Band Edge at 5350 MHz - Highest Conducted Power

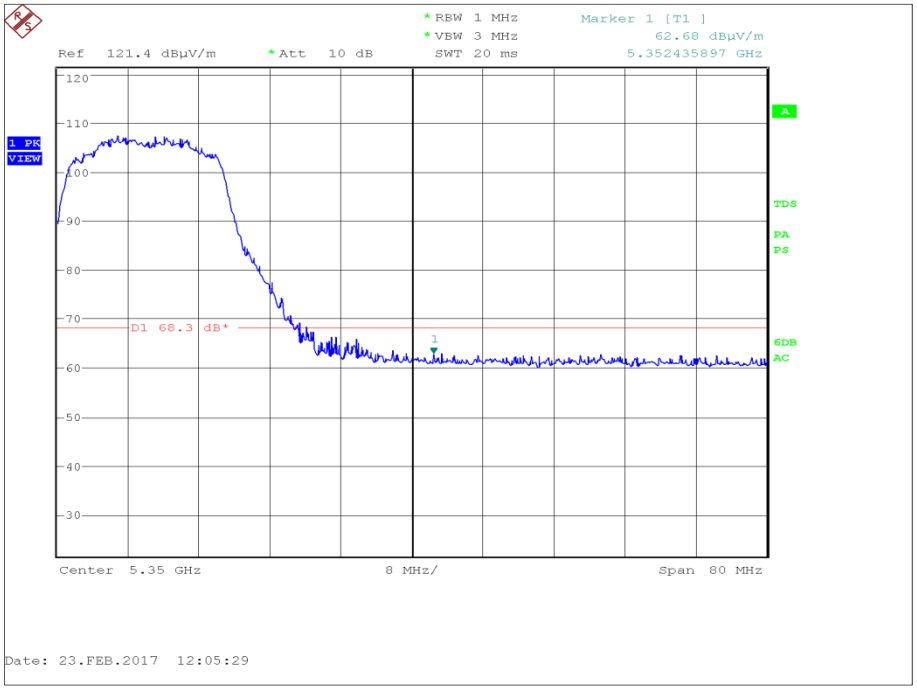

Figure 75 - U-NII 2a - Authorised Band Edge at 5350 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS8	5500	5470	61.45
Widest Emission Bandwidth	MCS2	5500	5470	63.40
Highest Conducted Power	MCS8	5700	5725	63.92
Widest Emission Bandwidth	MCS2	5700	5725	62.32

Table 86 - U-NII 2c - Authorised Band Edge Results

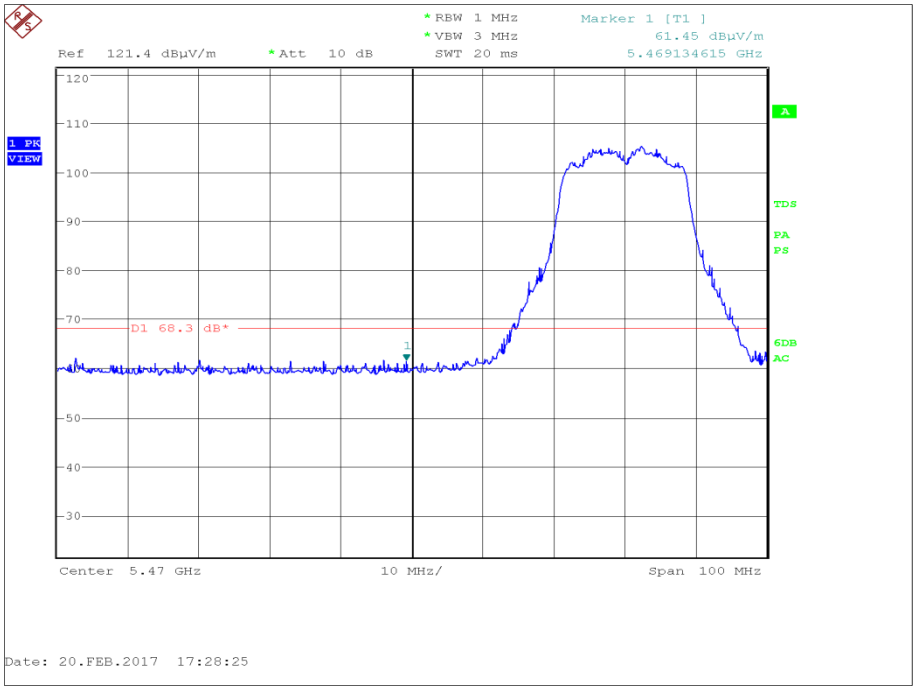

Figure 76 - U-NII 2c - Authorised Band Edge at 5470 MHz - Highest Conducted Power

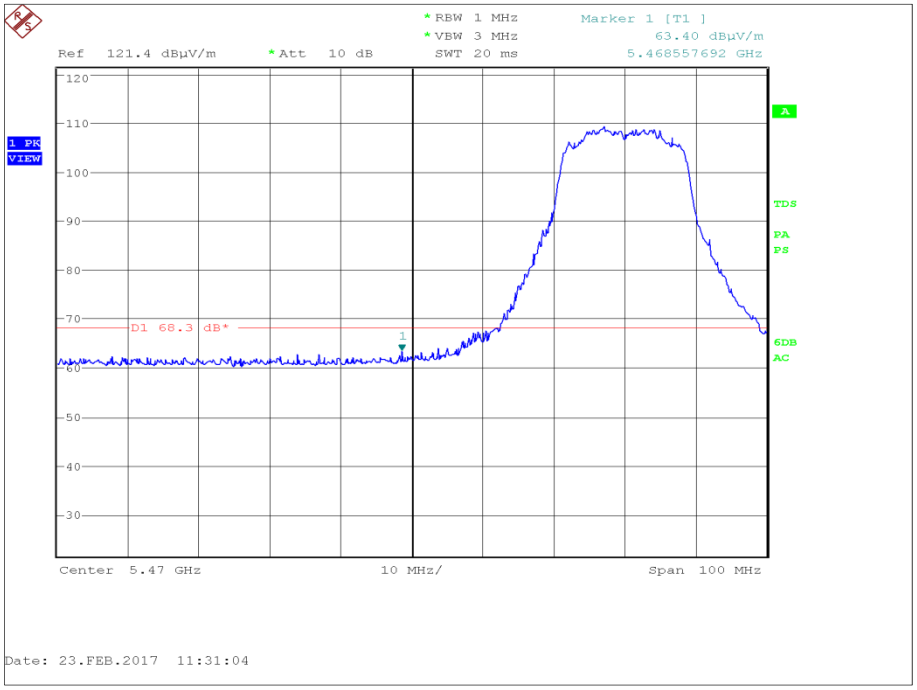

Figure 77 - U-NII 2c - Authorised Band Edge at 5470 MHz - Widest Emission Bandwidth

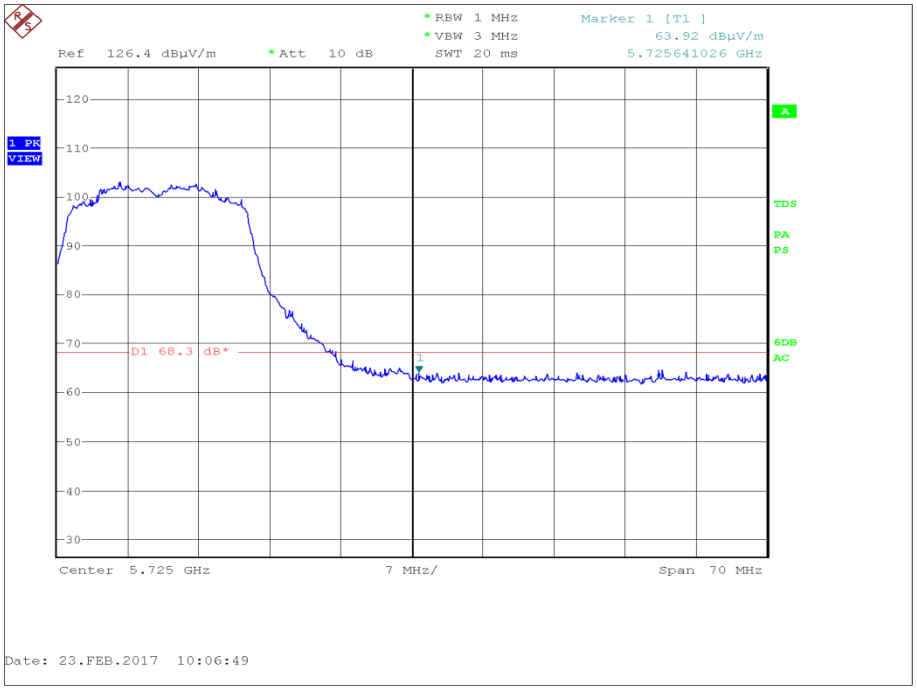

Figure 78 - U-NII 2c - Authorised Band Edge at 5725 MHz - Highest Conducted Power

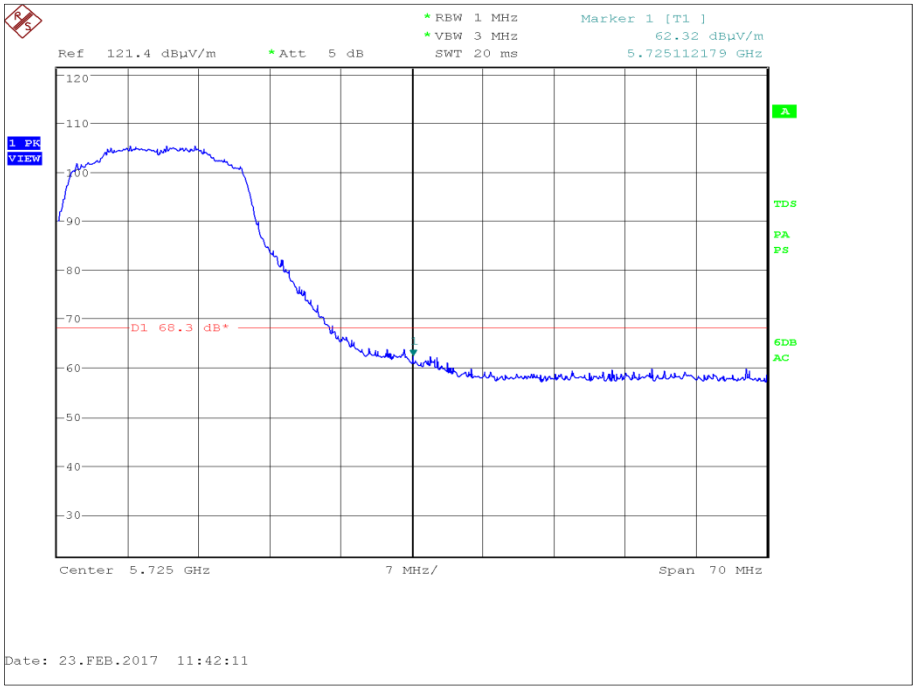

Figure 79 - U-NII 2c - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS8	5745	5725	63.10
Widest Emission Bandwidth	MCS2	5745	5725	58.71
Highest Conducted Power	MCS8	5825	5850	63.20
Widest Emission Bandwidth	MCS2	5825	5850	62.89

Table 87 - U-NII 3 - Authorised Band Edge Results

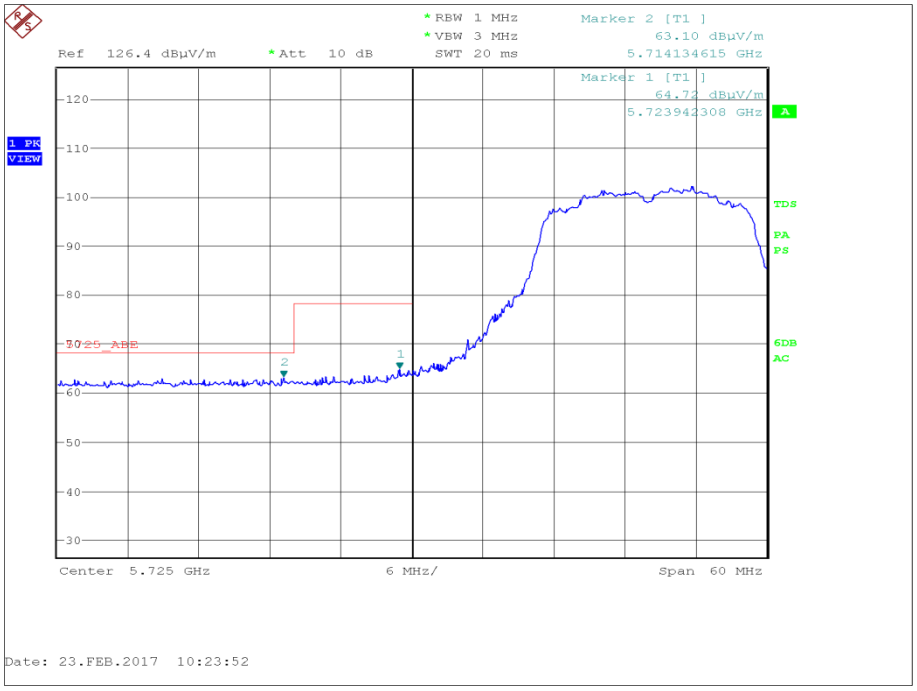

Figure 80 - U-NII 3 - Authorised Band Edge at 5725 MHz - Highest Conducted Power

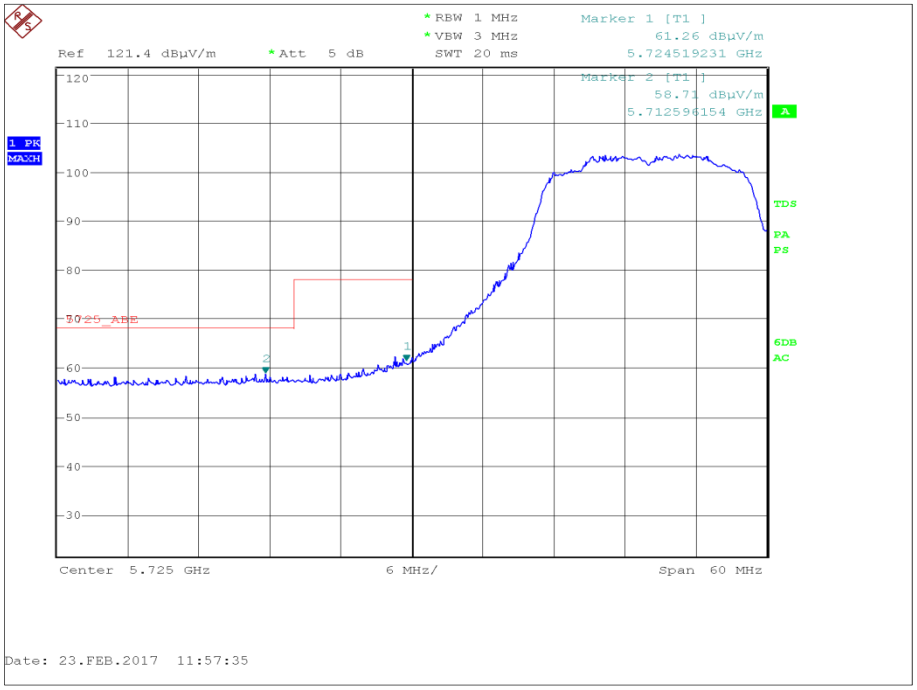

Figure 81 - U-NII 3 - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

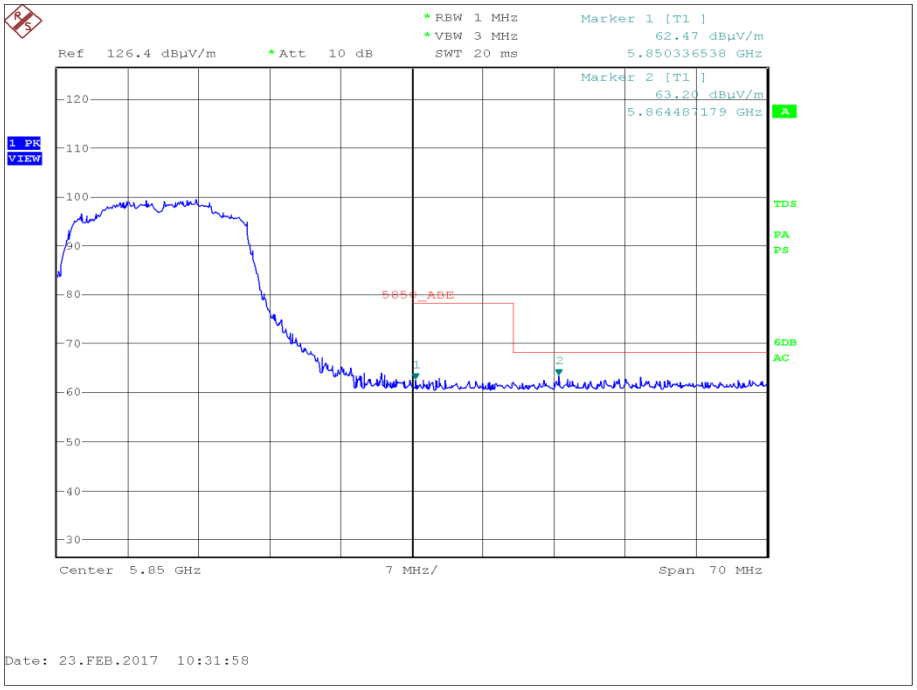

Figure 82 - U-NII 3 - Authorised Band Edge at 5850 MHz - Highest Conducted Power

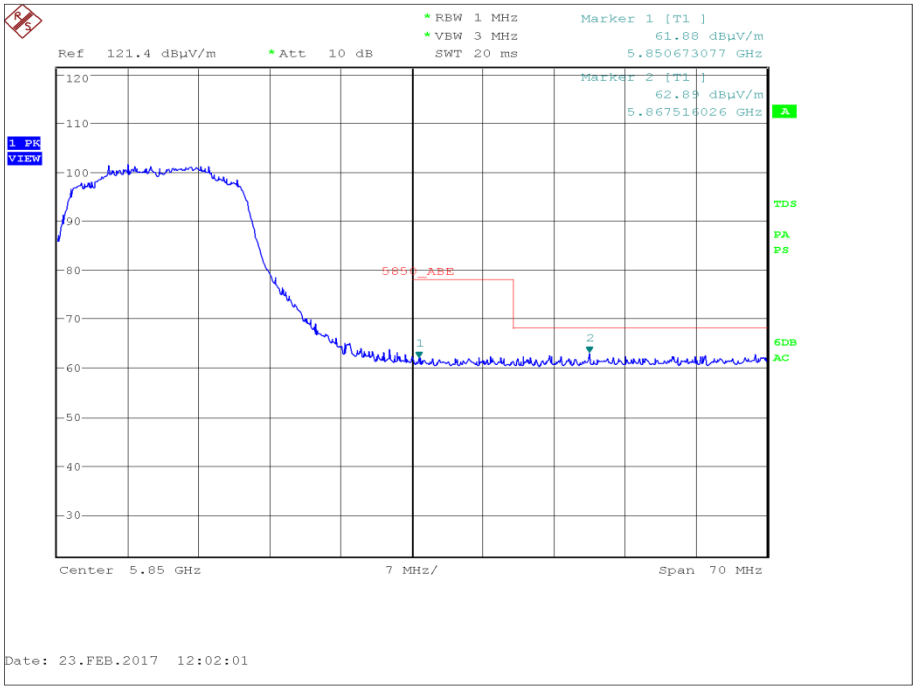

Figure 83 - U-NII 3 - Authorised Band Edge at 5850 MHz - Widest Emission Bandwidth

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

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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

802.11n (40 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS14	5190	5150	63.12
Widest Emission Bandwidth	MCS0	5190	5150	59.77

Table 88 - U-NII 1 - Authorised Band Edge Results

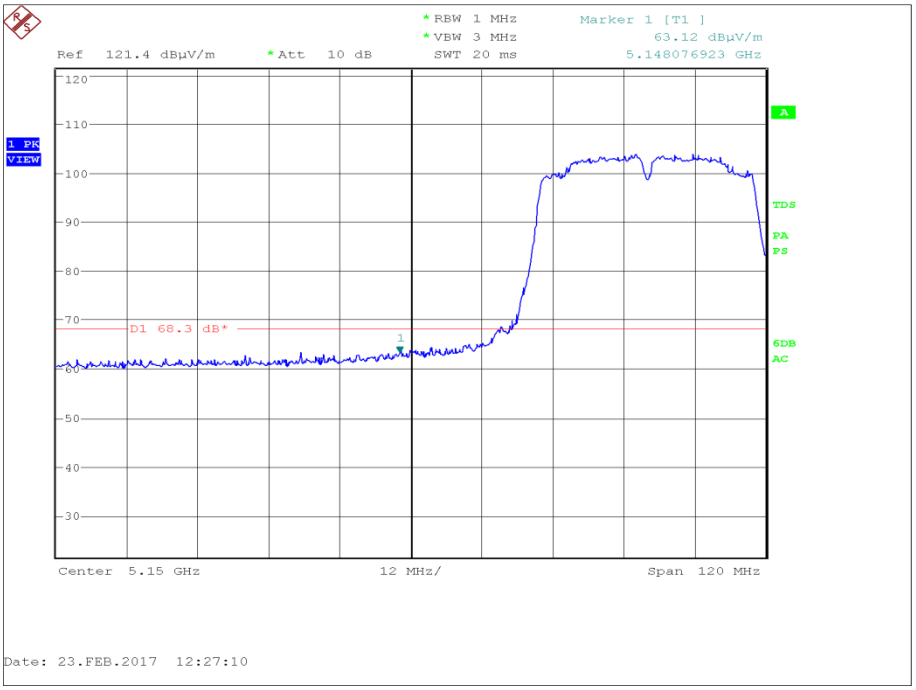

Figure 84 - U-NII 1 - Authorised Band Edge at 5150 MHz - Highest Conducted Power

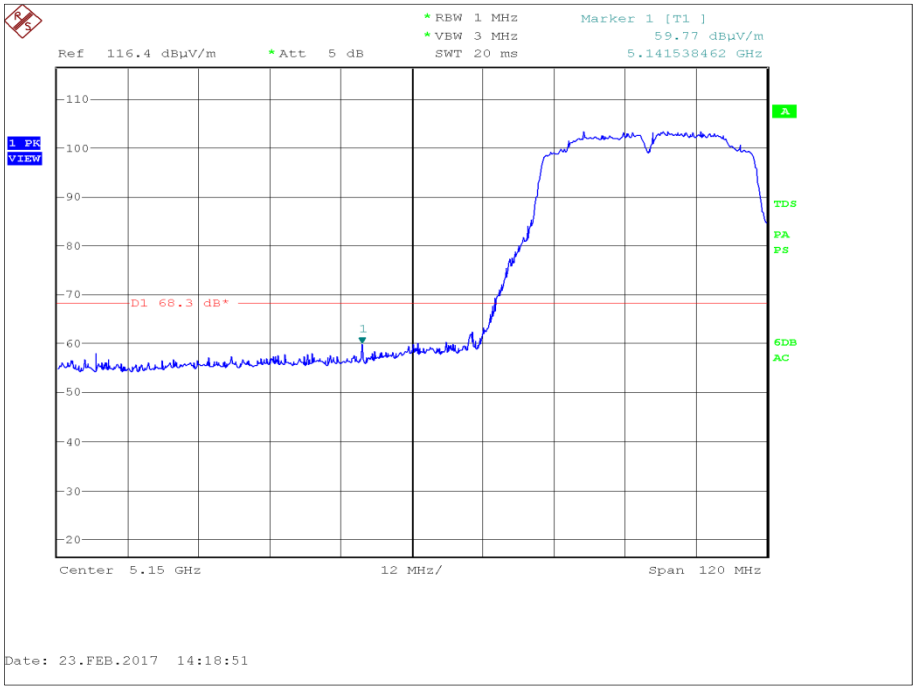

Figure 85 - U-NII 1 - Authorised Band Edge at 5150 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS14	5310	5350	60.01
Widest Emission Bandwidth	MCS0	5310	5350	60.68

Table 89 - U-NII 2a - Authorised Band Edge Results

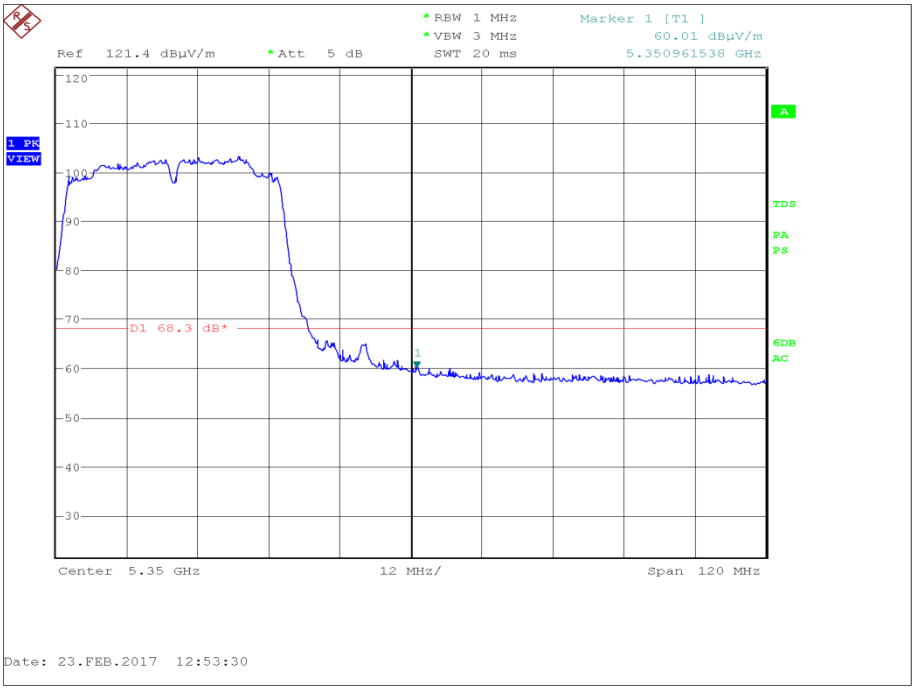

Figure 86 - U-NII 2a - Authorised Band Edge at 5350 MHz - Highest Conducted Power

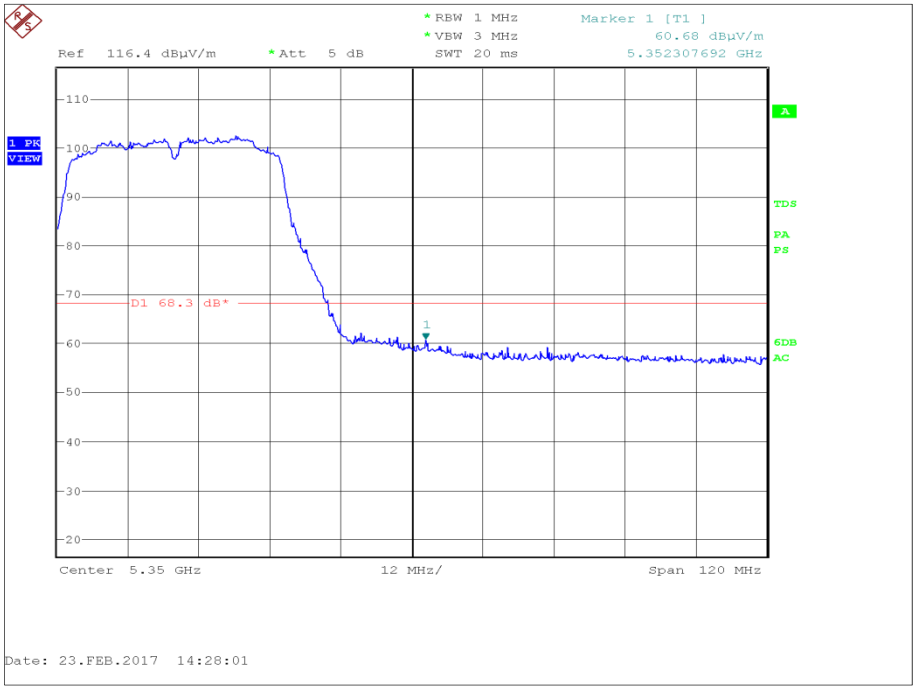

Figure 87 - U-NII 2a - Authorised Band Edge at 5350 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS14	5510	5470	61.88
Widest Emission Bandwidth	MCS0	5510	5470	64.13
Highest Conducted Power	MCS14	5670	5725	58.81
Widest Emission Bandwidth	MCS0	5670	5725	58.27

Table 90 - U-NII 2c - Authorised Band Edge Results

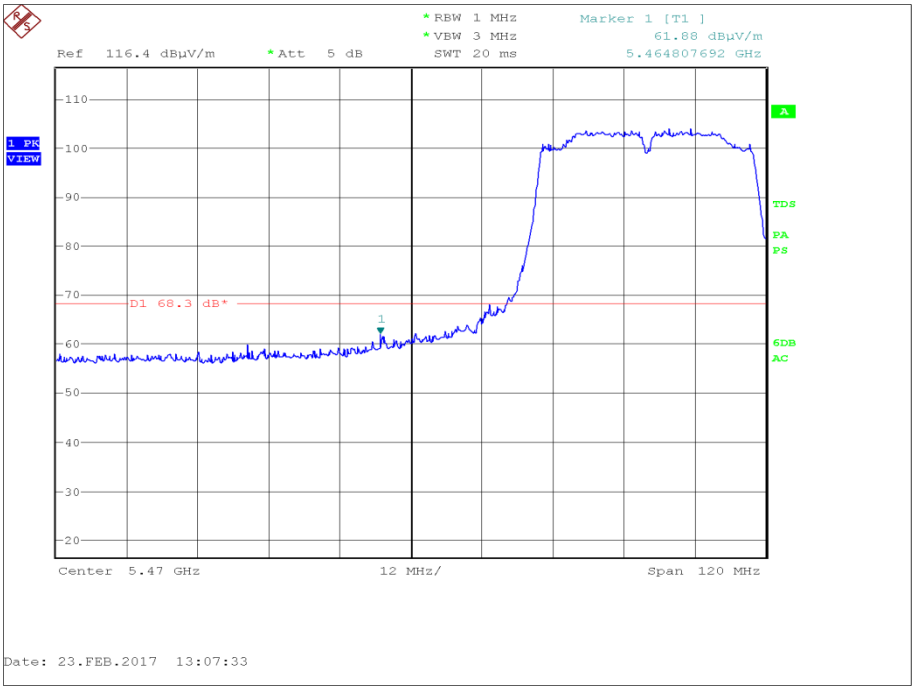

Figure 88 - U-NII 2c - Authorised Band Edge at 5470 MHz - Highest Conducted Power

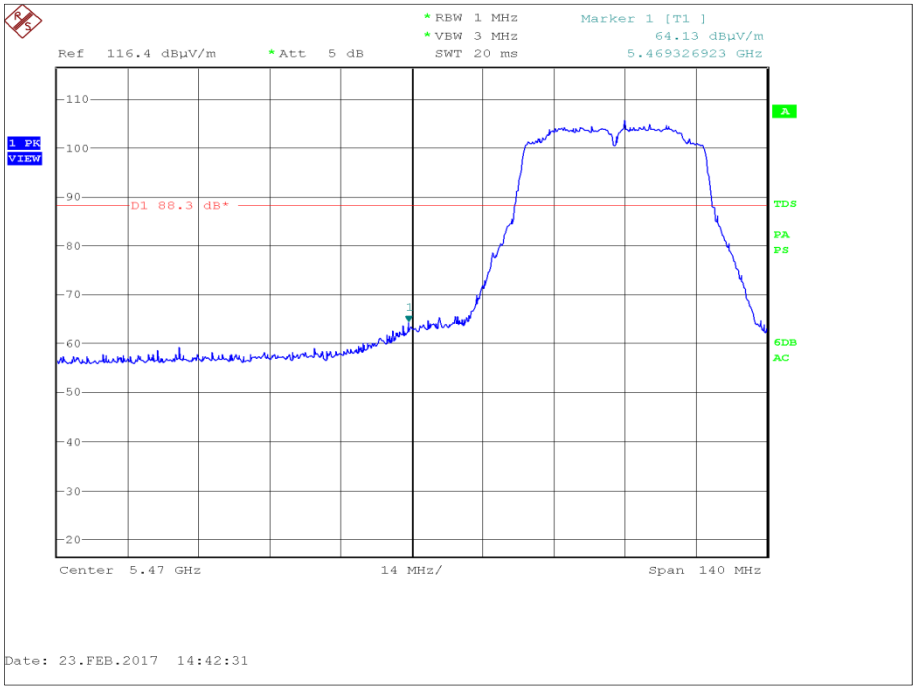

Figure 89 - U-NII 2c - Authorised Band Edge at 5470 MHz - Widest Emission Bandwidth

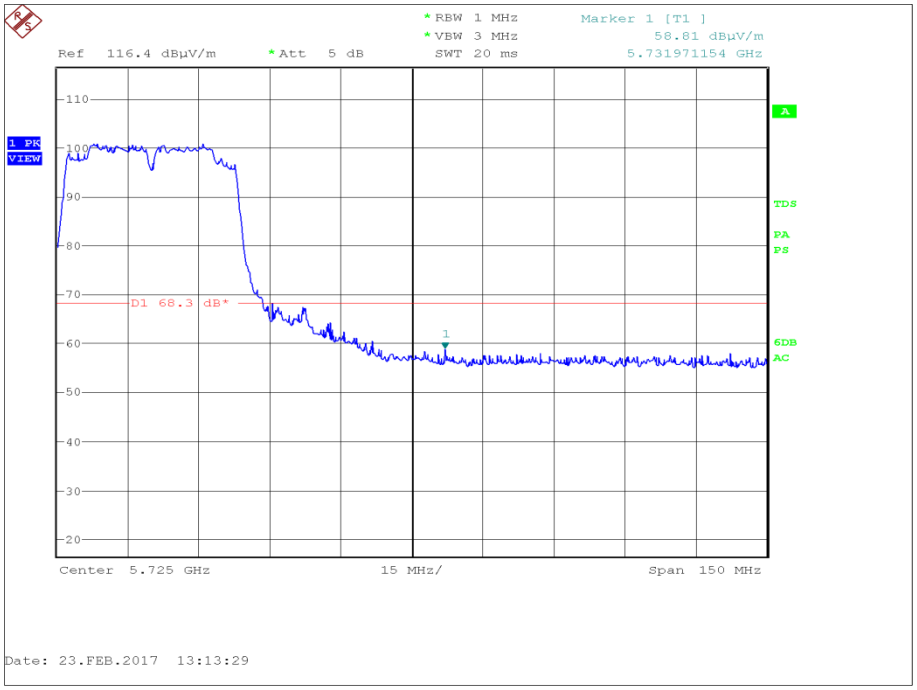

Figure 90 - U-NII 2c - Authorised Band Edge at 5725 MHz - Highest Conducted Power

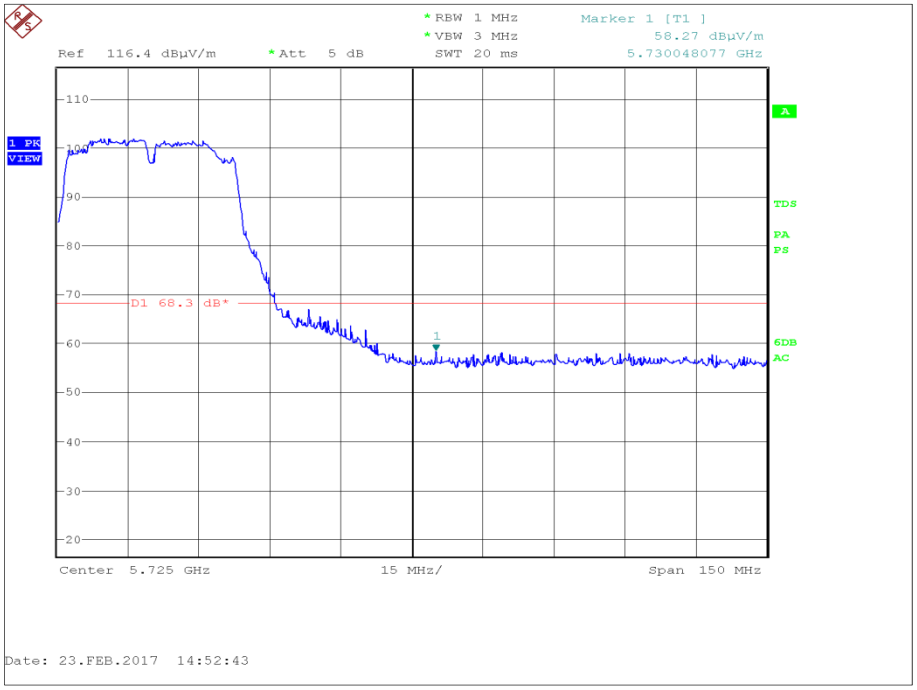

Figure 91 - U-NII 2c - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS14	5755	5725	57.61
Widest Emission Bandwidth	MCS0	5755	5725	60.55
Highest Conducted Power	MCS14	5795	5850	56.79
Widest Emission Bandwidth	MCS0	5795	5850	57.24

Table 91 - U-NII 3 - Authorised Band Edge Results

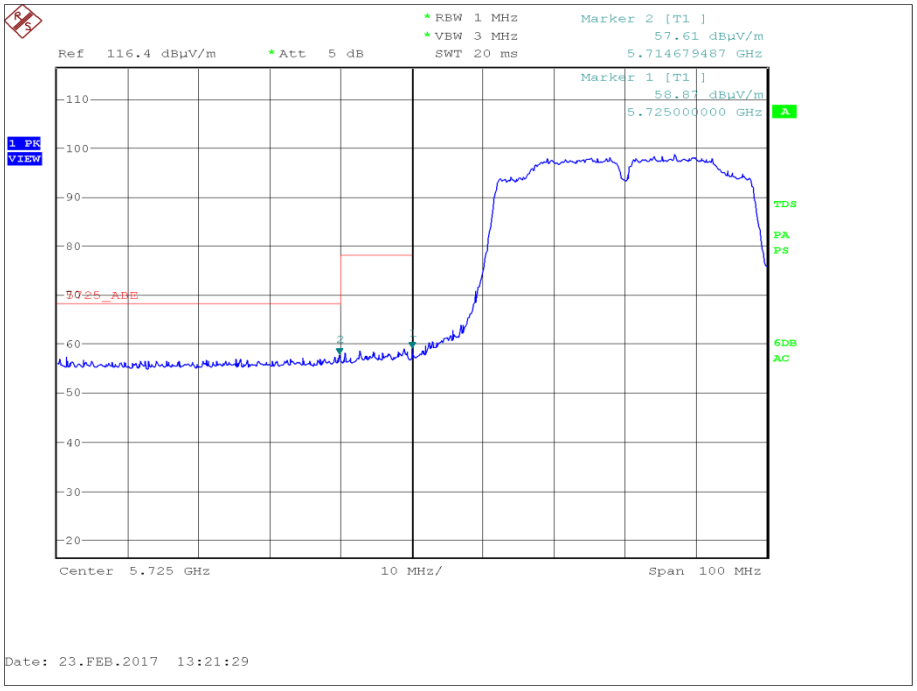

Figure 92 - U-NII 3 - Authorised Band Edge at 5725 MHz - Highest Conducted Power

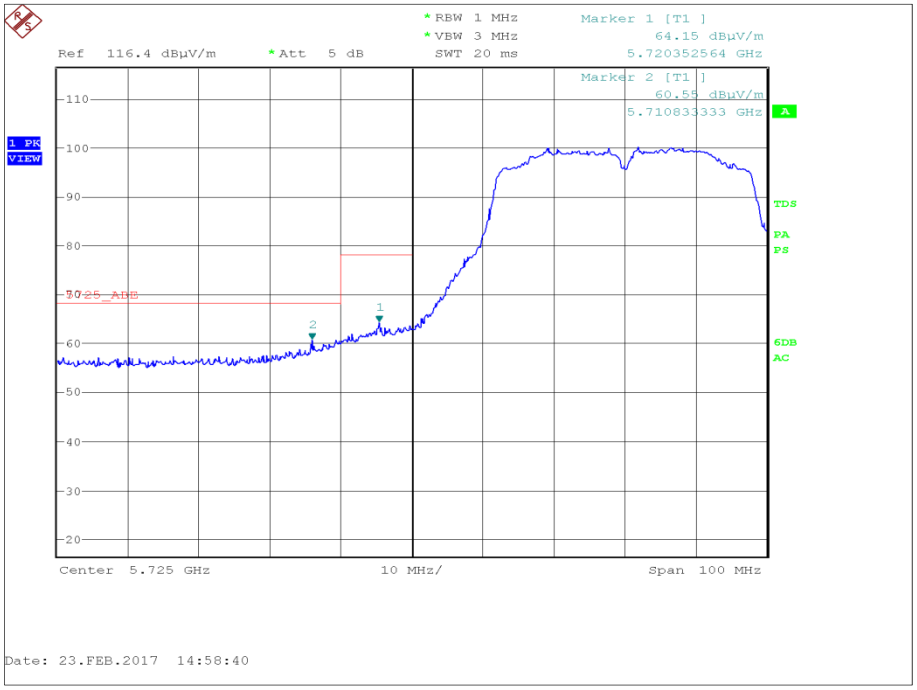

Figure 93 - U-NII 3 - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

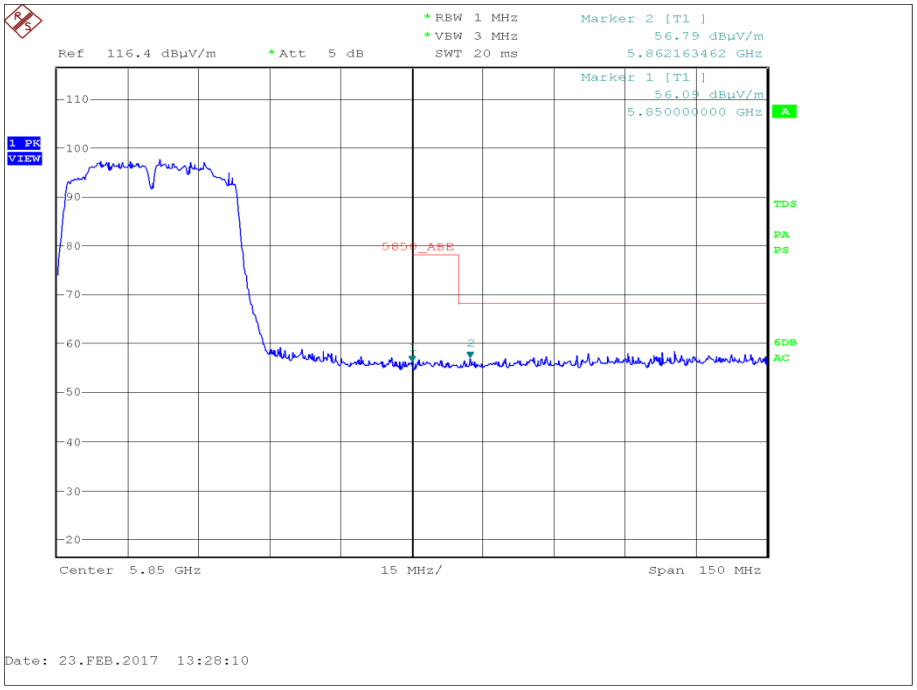

Figure 94 - U-NII 3 - Authorised Band Edge at 5850 MHz - Highest Conducted Power

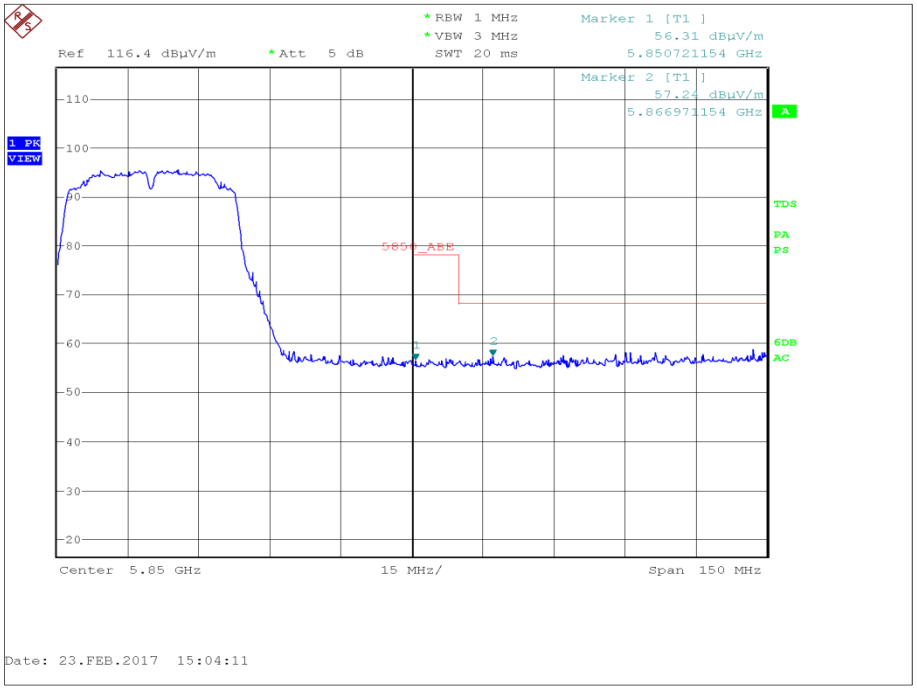

Figure 95 - U-NII 3 - Authorised Band Edge at 5850 MHz - Widest Emission Bandwidth

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

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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

802.11ac (20 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS0	5180	5150	62.43
Widest Emission Bandwidth	MCS2	5180	5150	61.63

Table 92 - U-NII 1 - Authorised Band Edge Results

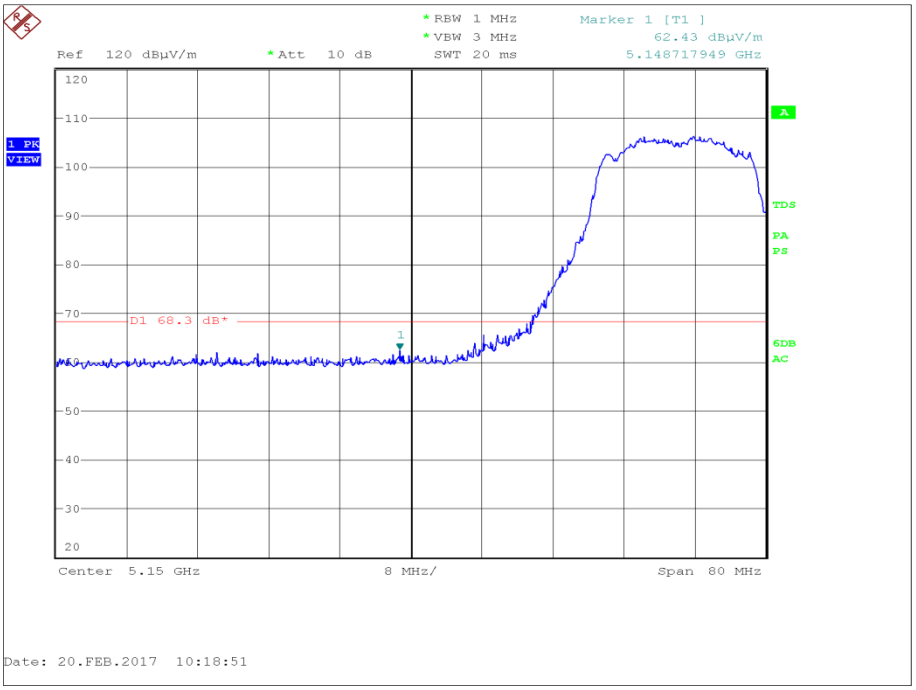

Figure 96 - U-NII 1 - Authorised Band Edge at 5150 MHz - Highest Conducted Power

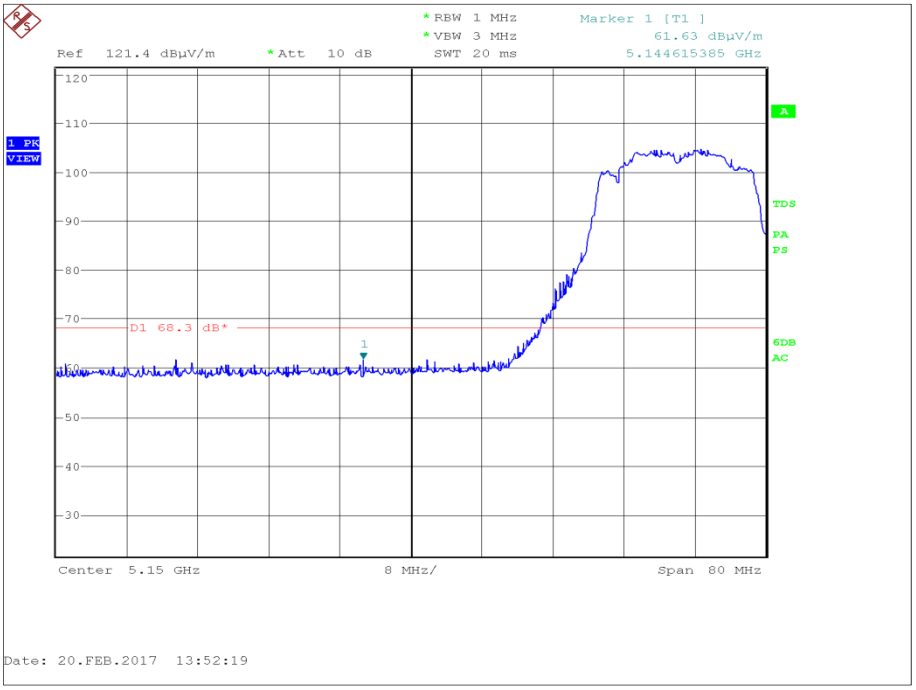

Figure 97 - U-NII 1 - Authorised Band Edge at 5150 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS0	5320	5350	62.05
Widest Emission Bandwidth	MCS2	5320	5350	61.60

Table 93 - U-NII 2a - Authorised Band Edge Results

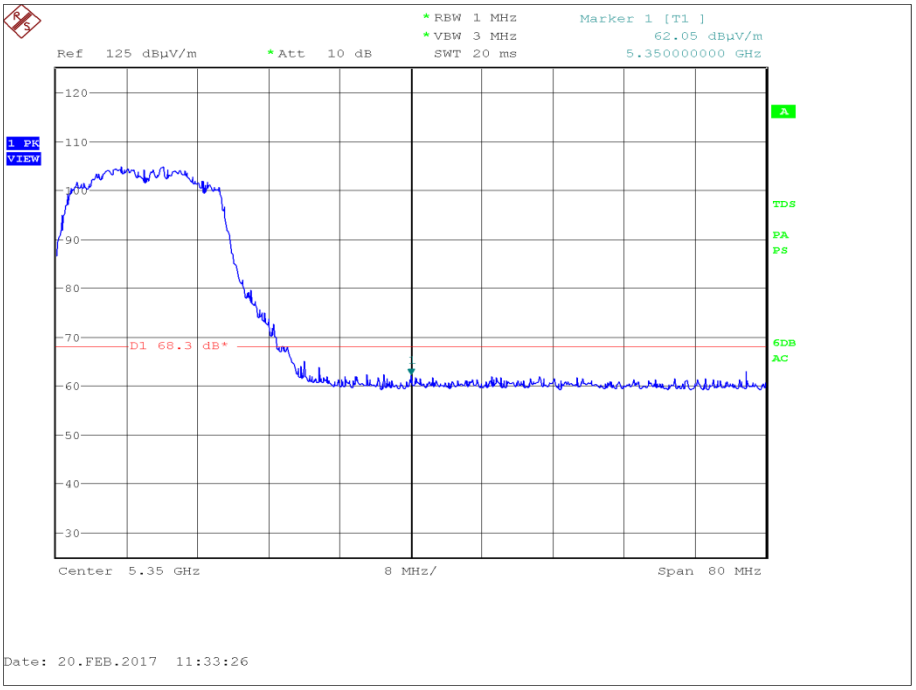

Figure 98 - U-NII 2a - Authorised Band Edge at 5350 MHz - Highest Conducted Power

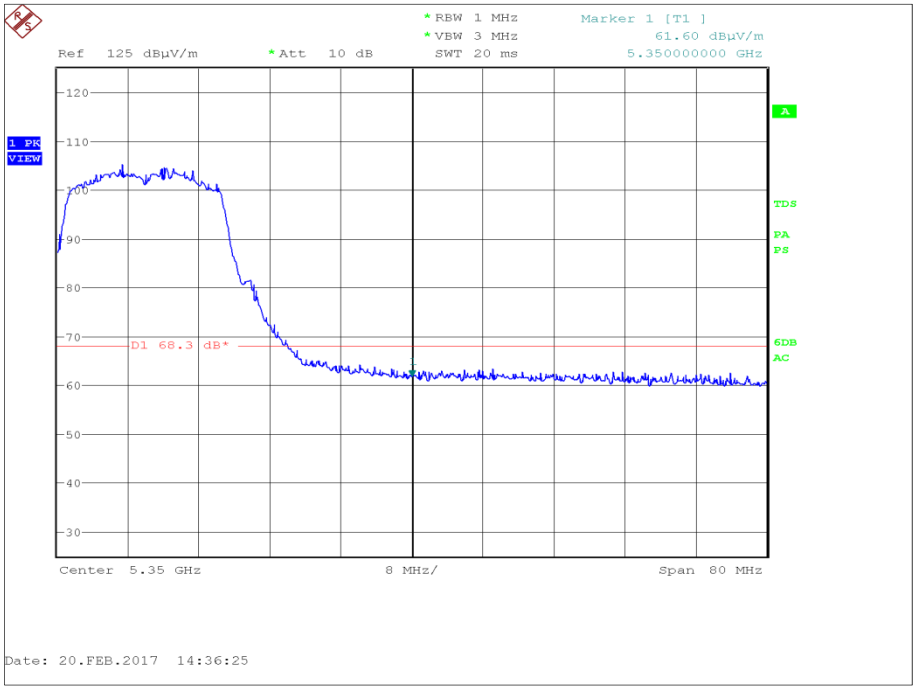

Figure 99 - U-NII 2a - Authorised Band Edge at 5350 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS0	5500	5470	60.98
Widest Emission Bandwidth	MCS2	5500	5470	61.50
Highest Conducted Power	MCS0	5700	5725	66.26
Widest Emission Bandwidth	MCS2	5700	5725	64.14

Table 94 - U-NII 2c - Authorised Band Edge Results

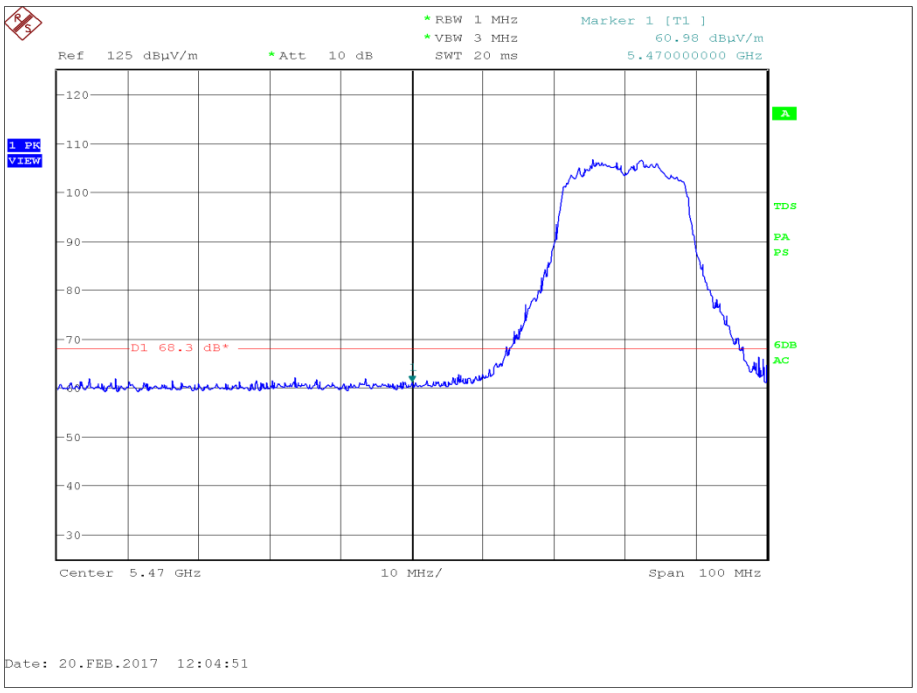

Figure 100 - U-NII 2c - Authorised Band Edge at 5470 MHz - Highest Conducted Power

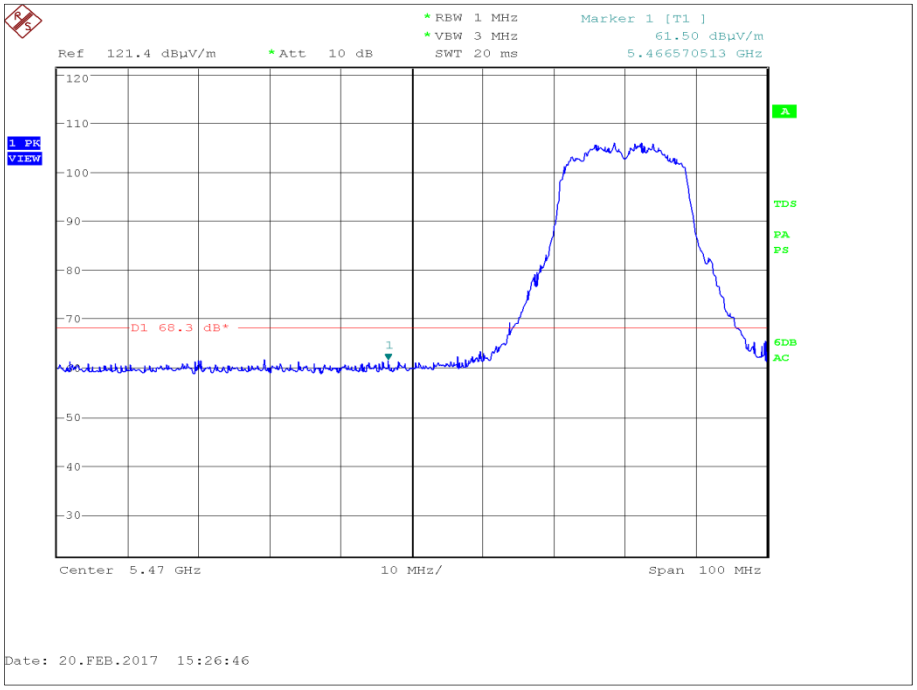

Figure 101 - U-NII 2c - Authorised Band Edge at 5470 MHz - Widest Emission Bandwidth

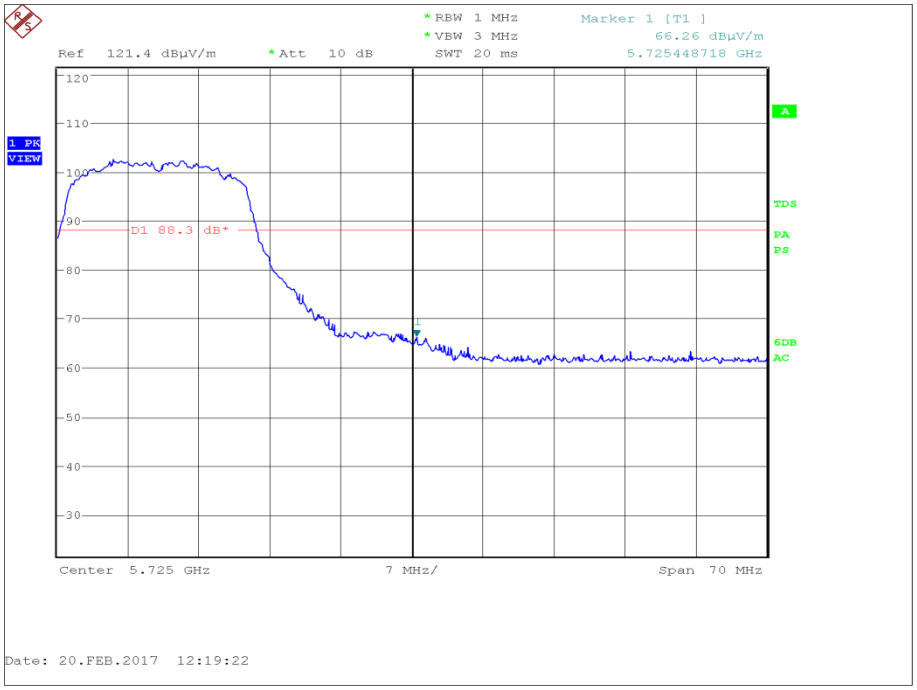

Figure 102 - U-NII 2c - Authorised Band Edge at 5725 MHz - Highest Conducted Power

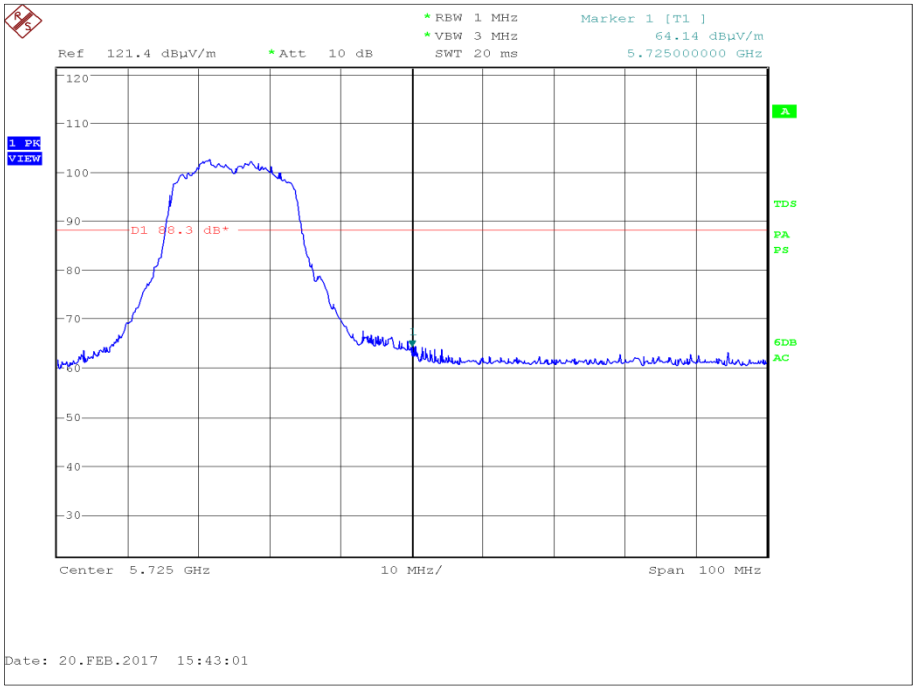

Figure 103 - U-NII 2c - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS0	5745	5725	61.19
Widest Emission Bandwidth	MCS2	5745	5725	63.78
Highest Conducted Power	MCS0	5825	5850	62.73
Widest Emission Bandwidth	MCS2	5825	5850	60.47

Table 95 - U-NII 3 - Authorised Band Edge Results

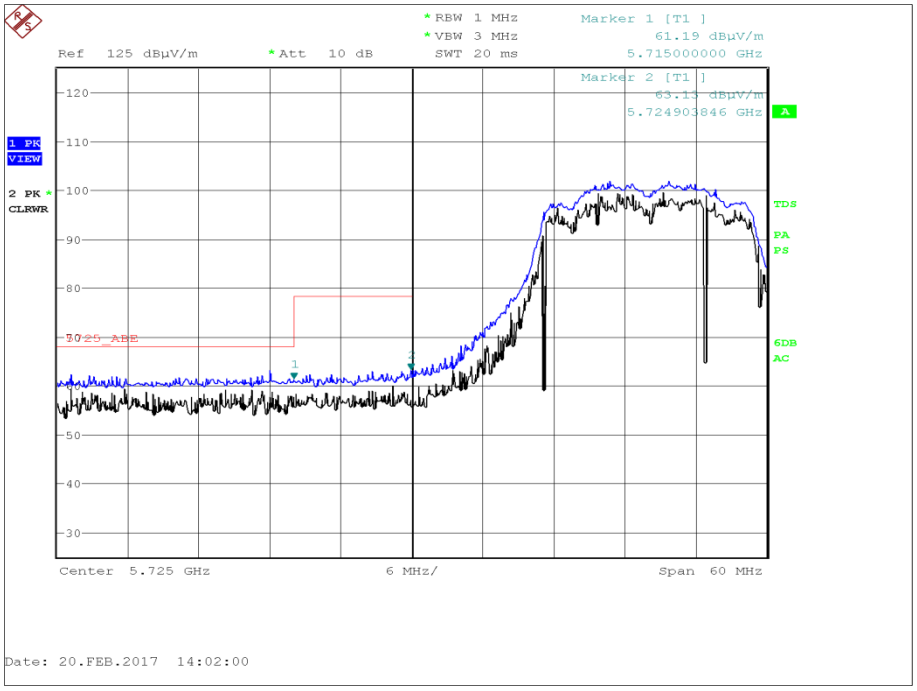

Figure 104 - U-NII 3 - Authorised Band Edge at 5725 MHz - Highest Conducted Power

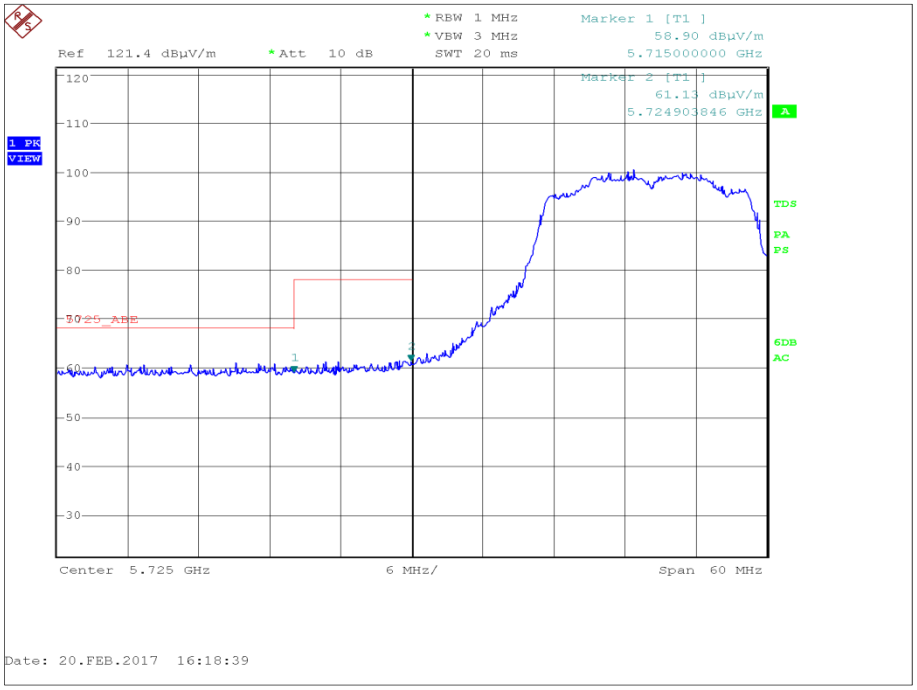

Figure 105 - U-NII 3 - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

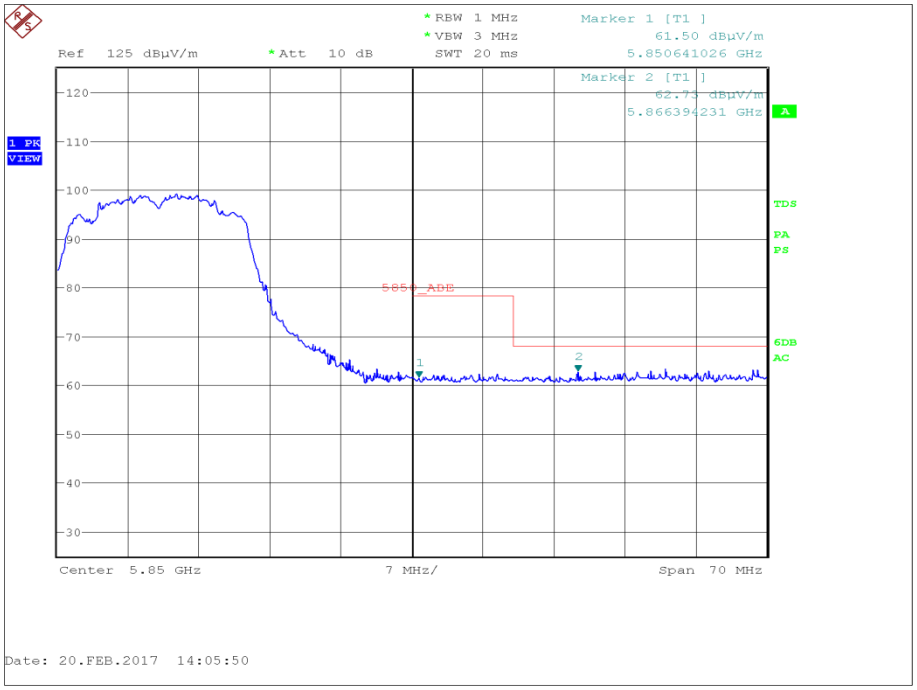

Figure 106 - U-NII 3 - Authorised Band Edge at 5850 MHz - Highest Conducted Power

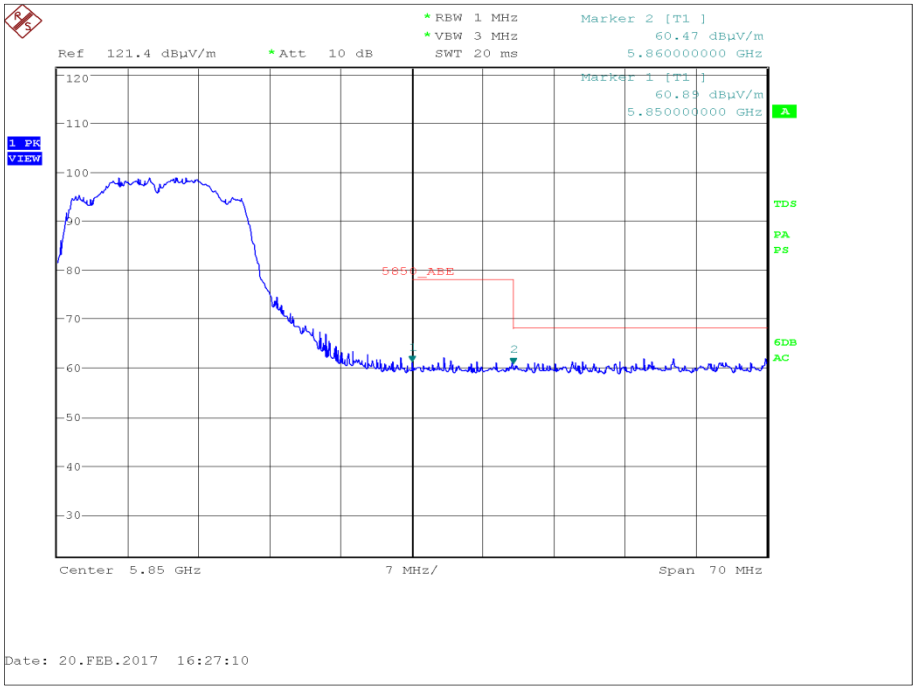

Figure 107 - U-NII 3 - Authorised Band Edge at 5850 MHz - Widest Emission Bandwidth

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

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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

802.11ac (40 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS6	5190	5150	59.83
Widest Emission Bandwidth	MCS0	5190	5150	62.27

Table 96 - U-NII 1 - Authorised Band Edge Results

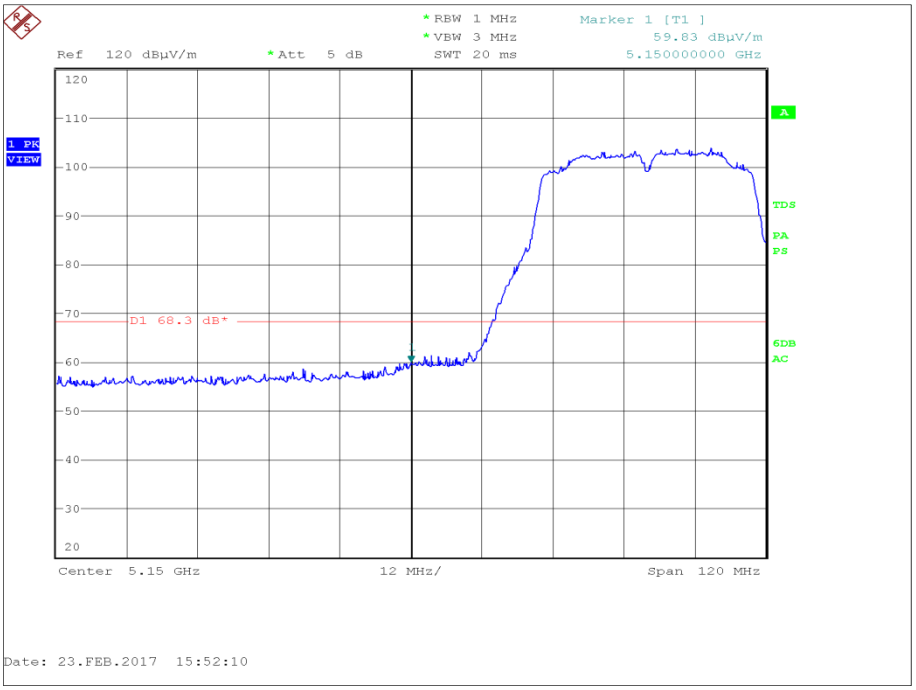

Figure 108 - U-NII 1 - Authorised Band Edge at 5150 MHz - Highest Conducted Power

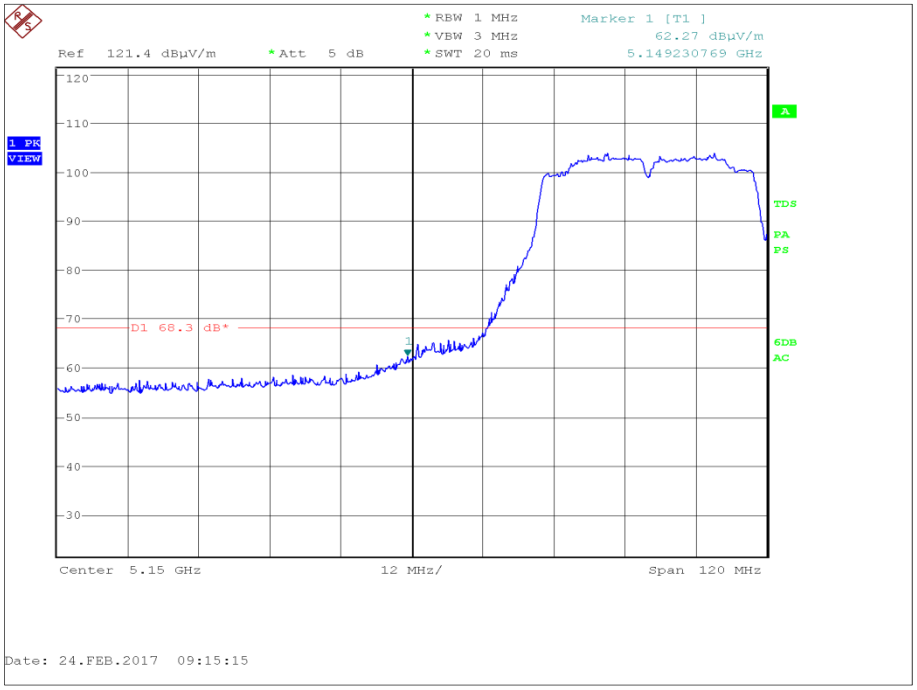

Figure 109 - U-NII 1 - Authorised Band Edge at 5150 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS6	5310	5350	62.73
Widest Emission Bandwidth	MCS0	5310	5350	60.33

Table 97 - U-NII 2a - Authorised Band Edge Results

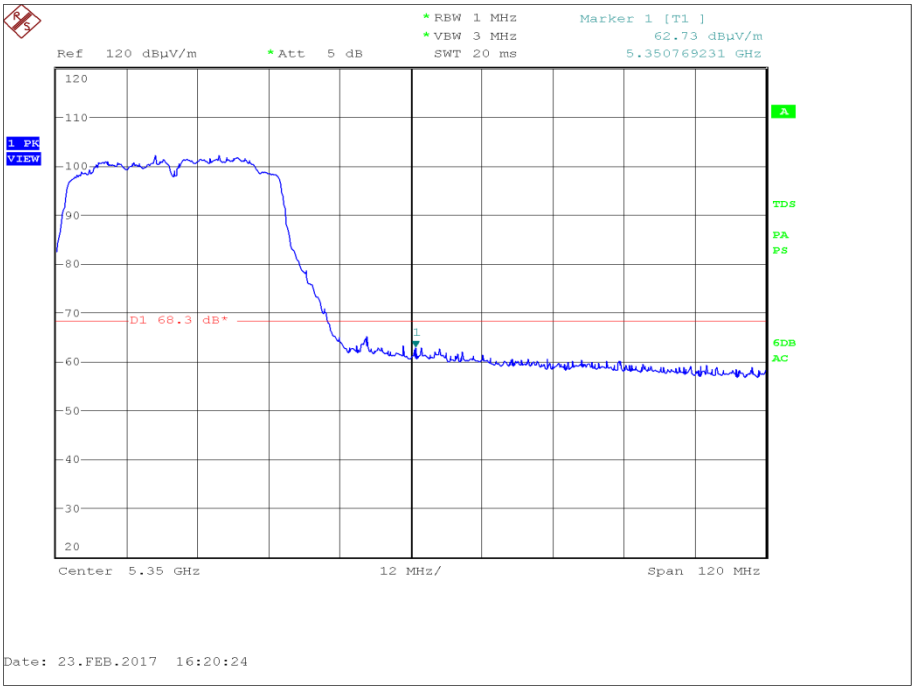

Figure 110 - U-NII 2a - Authorised Band Edge at 5350 MHz - Highest Conducted Power

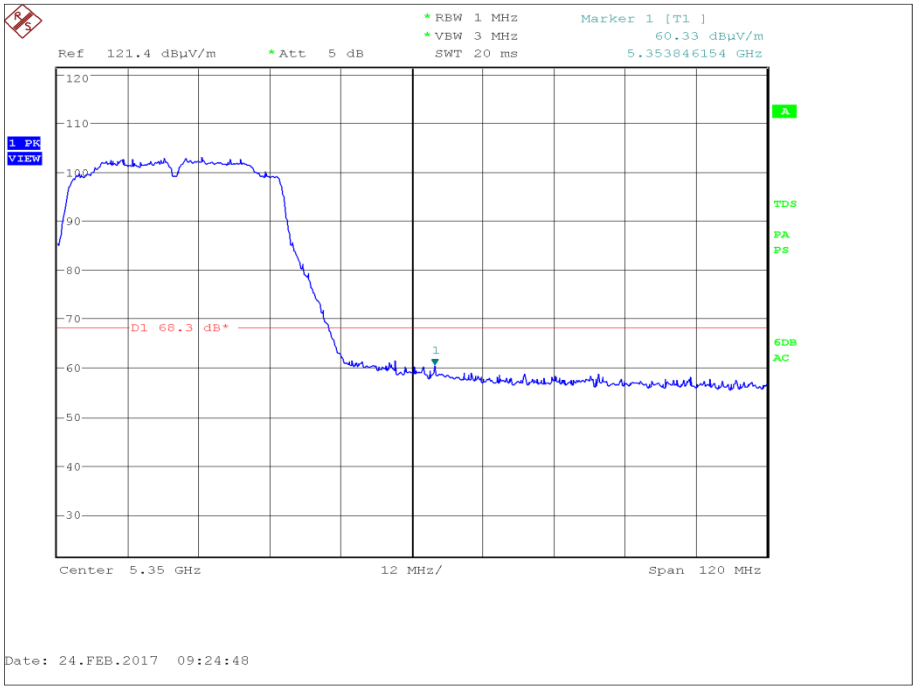

Figure 111 - U-NII 2a - Authorised Band Edge at 5350 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS6	5510	5470	67.22
Widest Emission Bandwidth	MCS0	5510	5470	63.43
Highest Conducted Power	MCS6	5670	5725	58.27
Widest Emission Bandwidth	MCS0	5670	5725	59.03

Table 98 - U-NII 2c - Authorised Band Edge Results

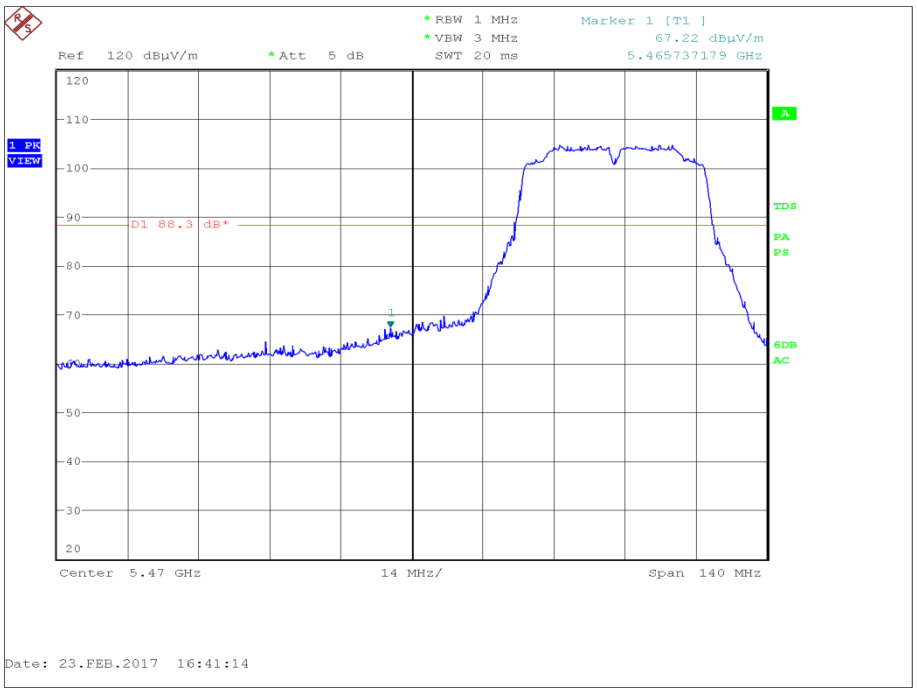

Figure 112 - U-NII 2c - Authorised Band Edge at 5470 MHz - Highest Conducted Power

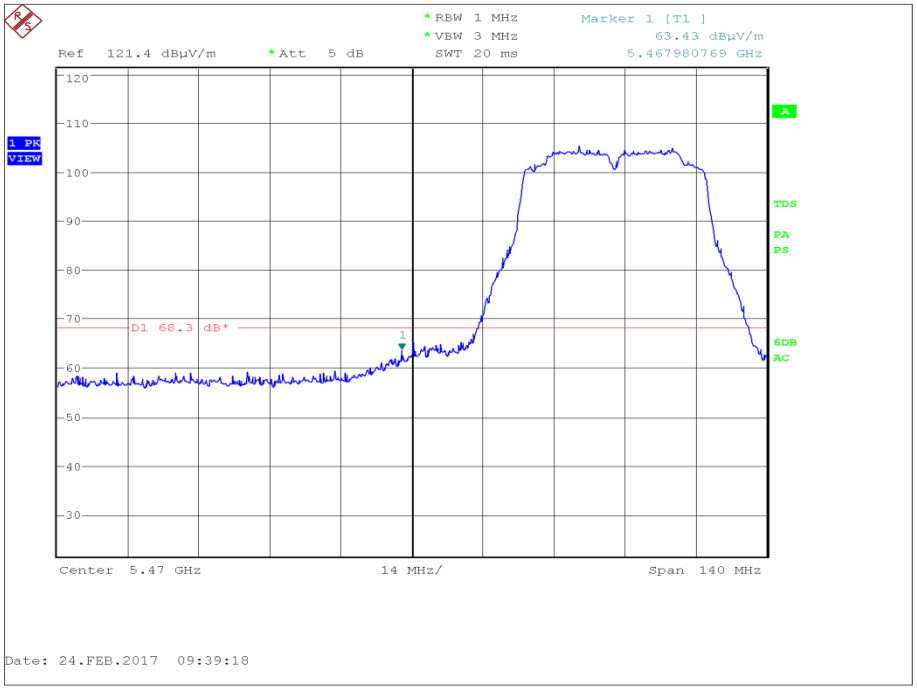

Figure 113 - U-NII 2c - Authorised Band Edge at 5470 MHz - Widest Emission Bandwidth

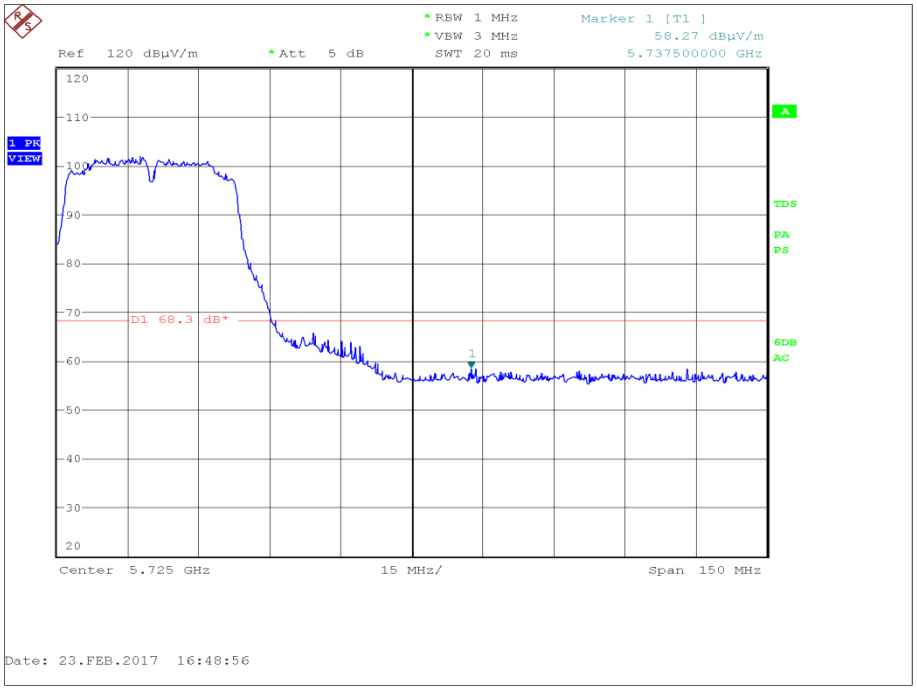

Figure 114 - U-NII 2c - Authorised Band Edge at 5725 MHz - Highest Conducted Power

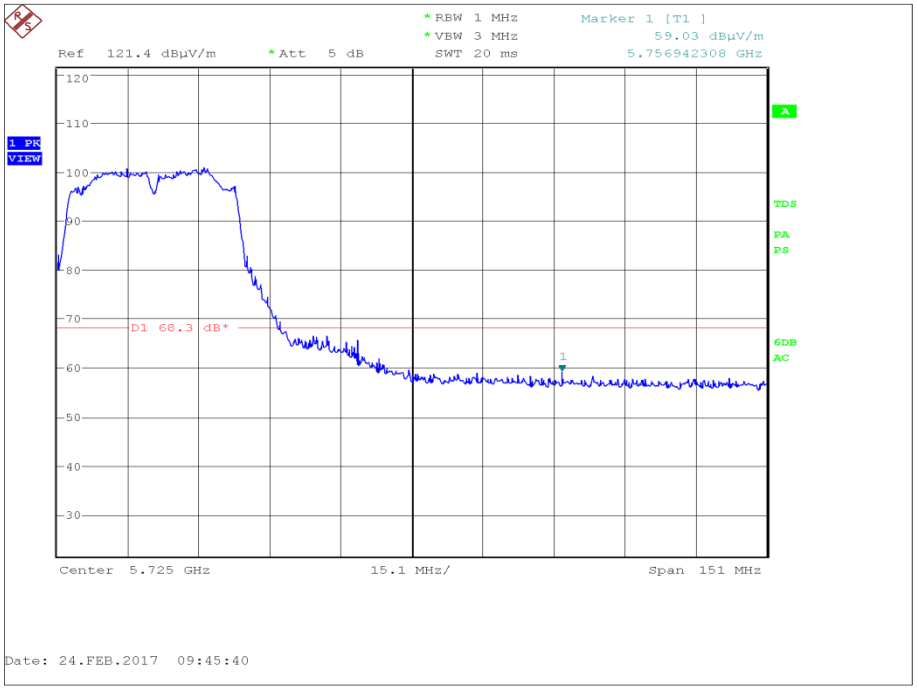

Figure 115 - U-NII 2c - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS6	5755	5725	58.48
Widest Emission Bandwidth	MCS0	5755	5725	57.59
Highest Conducted Power	MCS6	5795	5850	58.42
Widest Emission Bandwidth	MCS0	5795	5850	58.68

Table 99 - U-NII 3 - Authorised Band Edge Results

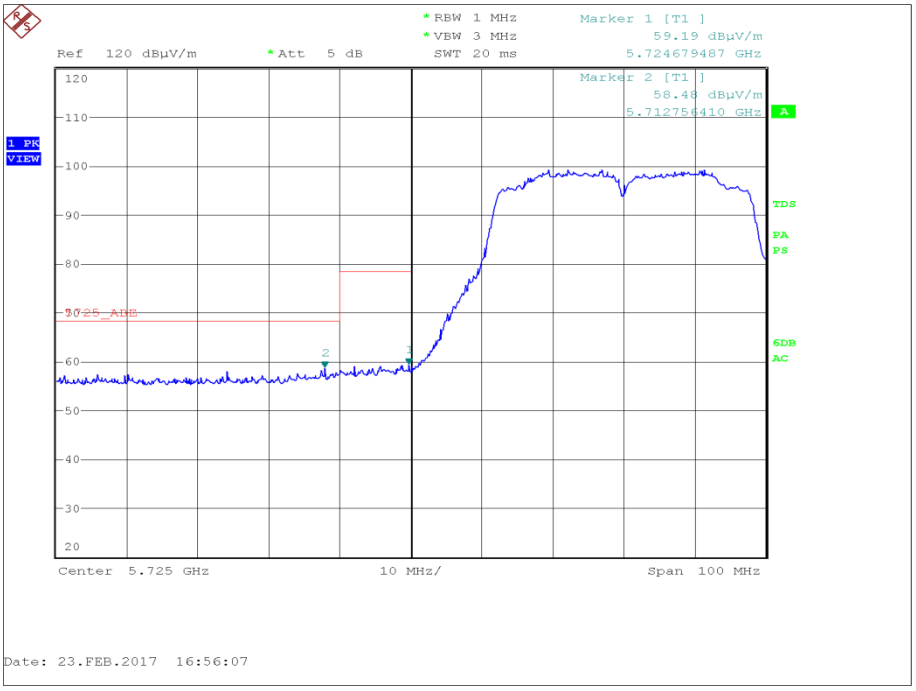

Figure 116 - U-NII 3 - Authorised Band Edge at 5725 MHz - Highest Conducted Power

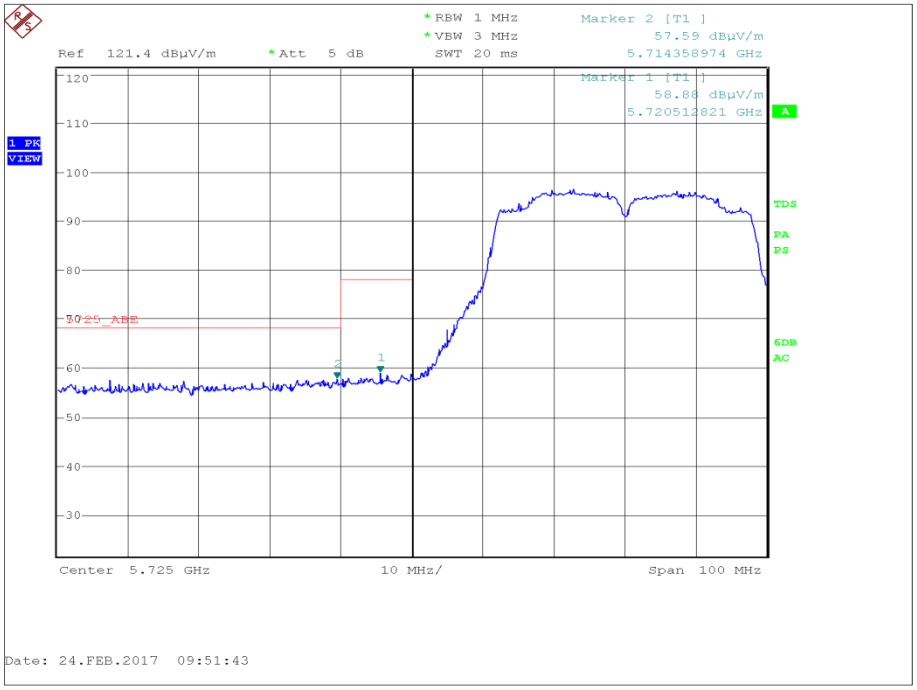

Figure 117 - U-NII 3 - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

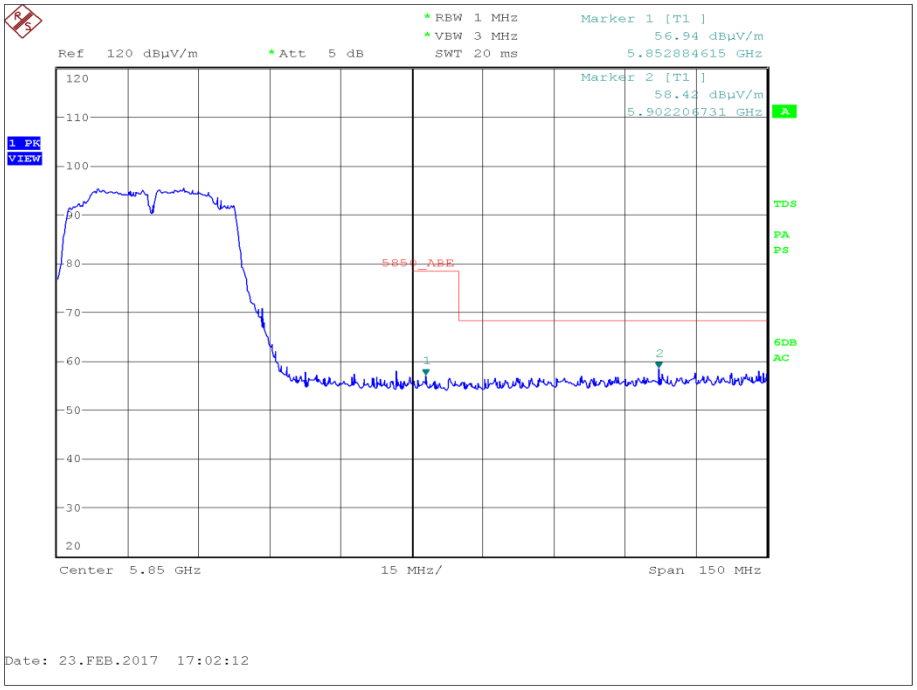

Figure 118 - U-NII 3 - Authorised Band Edge at 5850 MHz - Highest Conducted Power

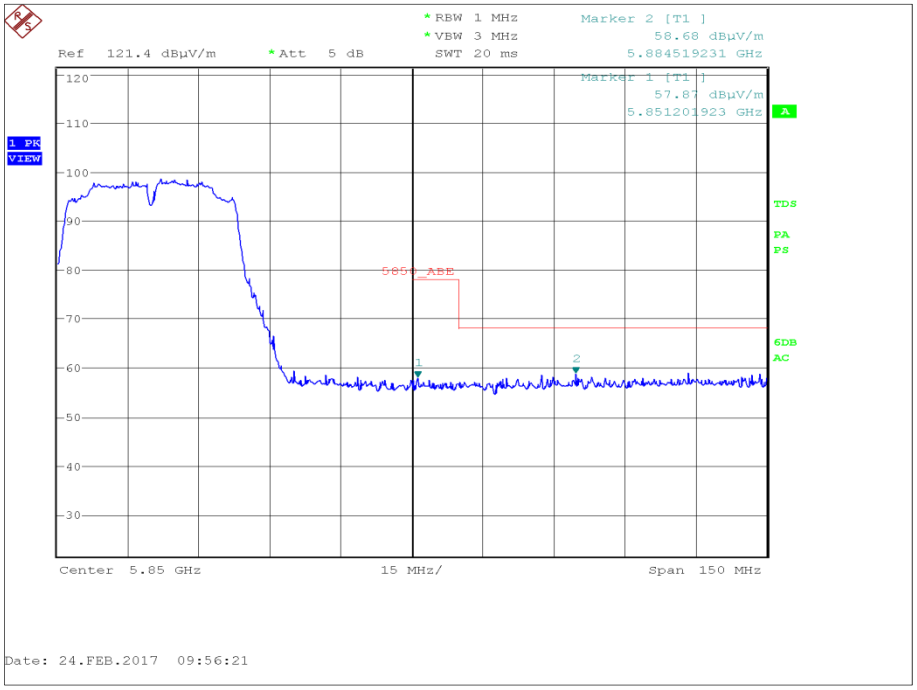

Figure 119 - U-NII 3 - Authorised Band Edge at 5850 MHz - Widest Emission Bandwidth

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

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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

802.11ac (80 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS5	5210	5150	59.79
Widest Emission Bandwidth	MCS0	5210	5150	57.93

Table 100 - U-NII 1 - Authorised Band Edge Results

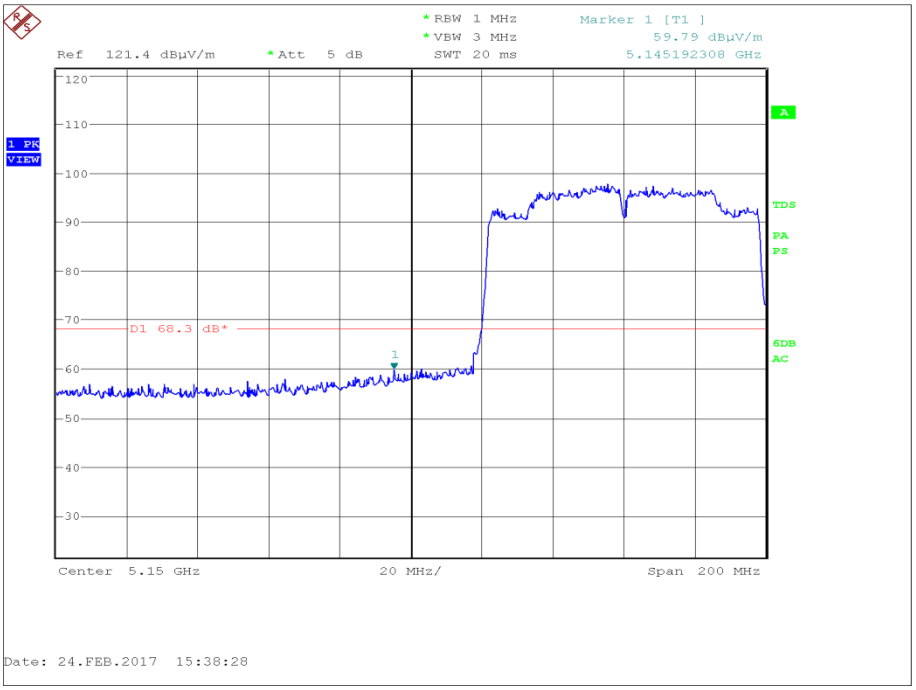

Figure 120 - U-NII 1 - Authorised Band Edge at 5150 MHz - Highest Conducted Power

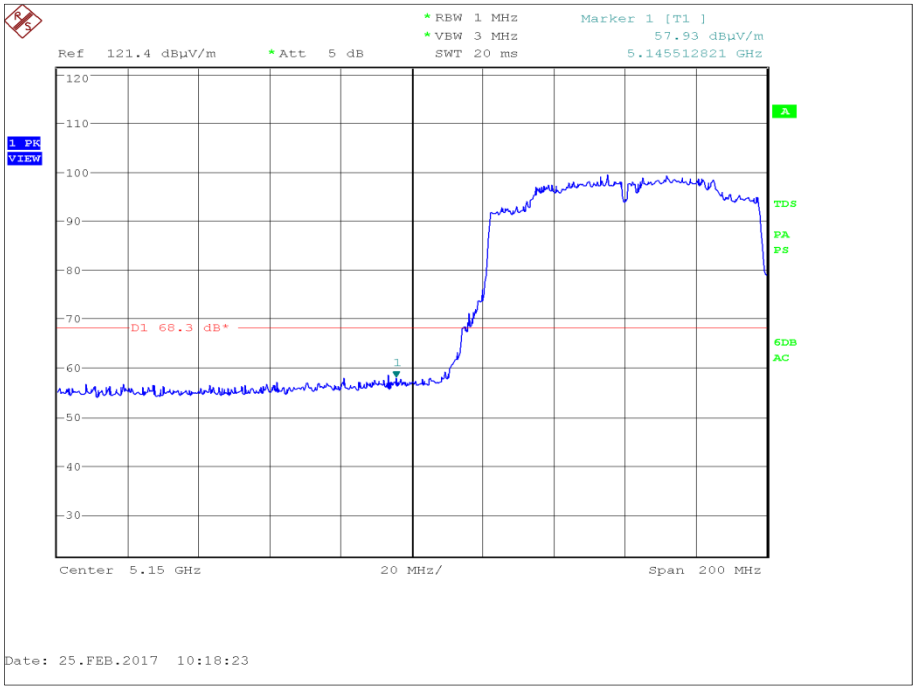

Figure 121 - U-NII 1 - Authorised Band Edge at 5150 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS5	5290	5350	59.38
Widest Emission Bandwidth	MCS0	5290	5350	58.57

Table 101 - U-NII 2a - Authorised Band Edge Results

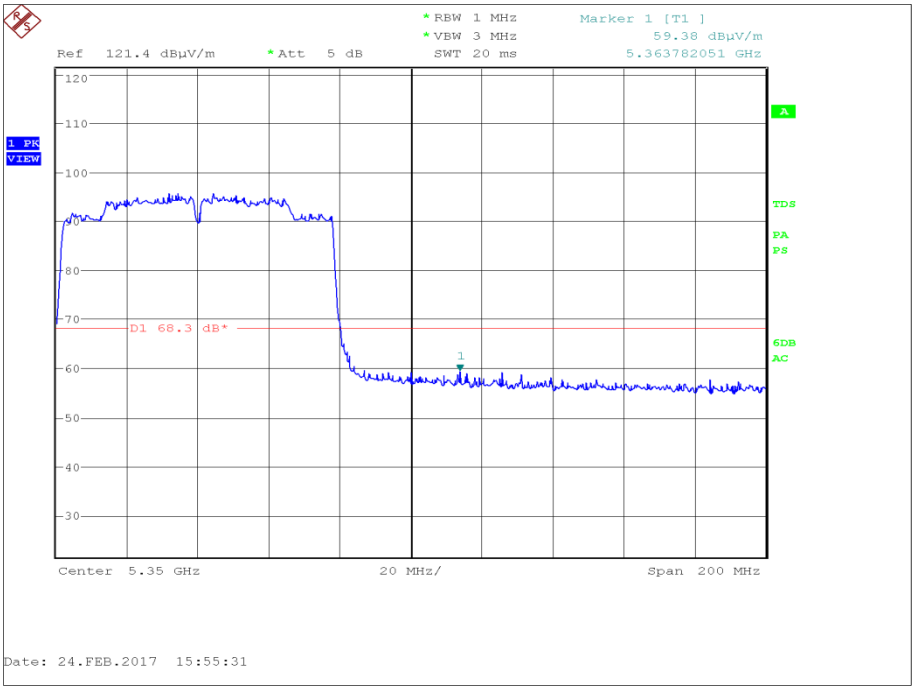

Figure 122 - U-NII 2a - Authorised Band Edge at 5350 MHz - Highest Conducted Power

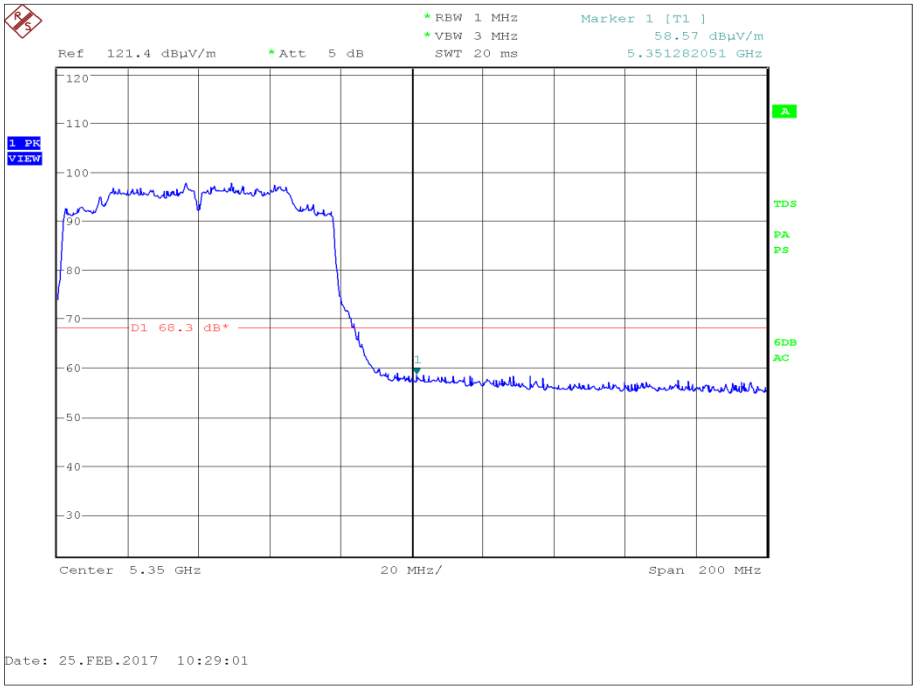

Figure 123 - U-NII 2a - Authorised Band Edge at 5350 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS5	5530	5470	62.65
Widest Emission Bandwidth	MCS0	5530	5470	61.30
Highest Conducted Power	MCS5	5610	5725	58.56
Widest Emission Bandwidth	MCS0	5610	5725	57.47

Table 102 - U-NII 2c - Authorised Band Edge Results

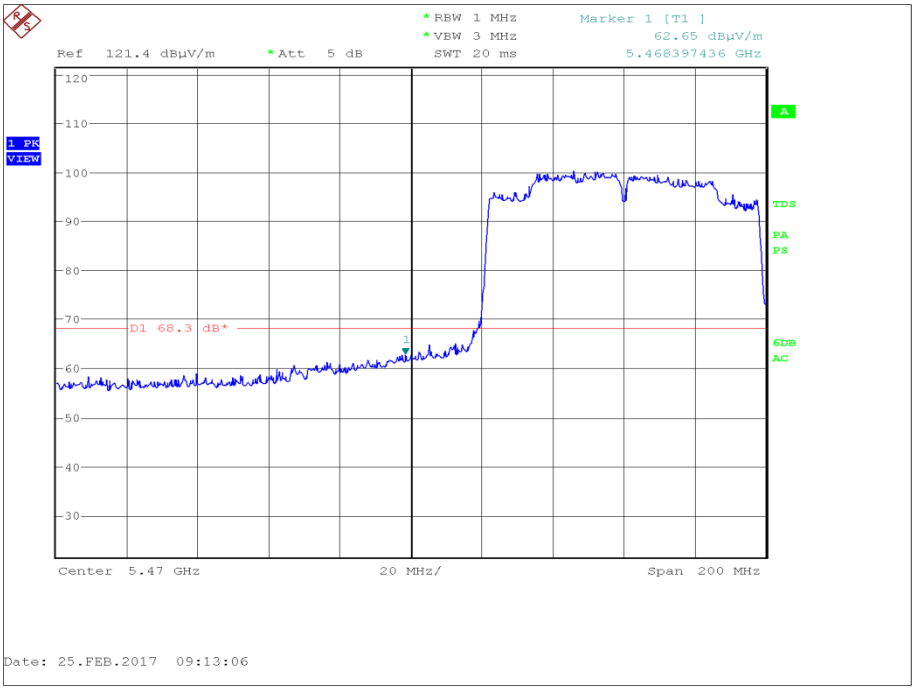

Figure 124 - U-NII 2c - Authorised Band Edge at 5470 MHz - Highest Conducted Power

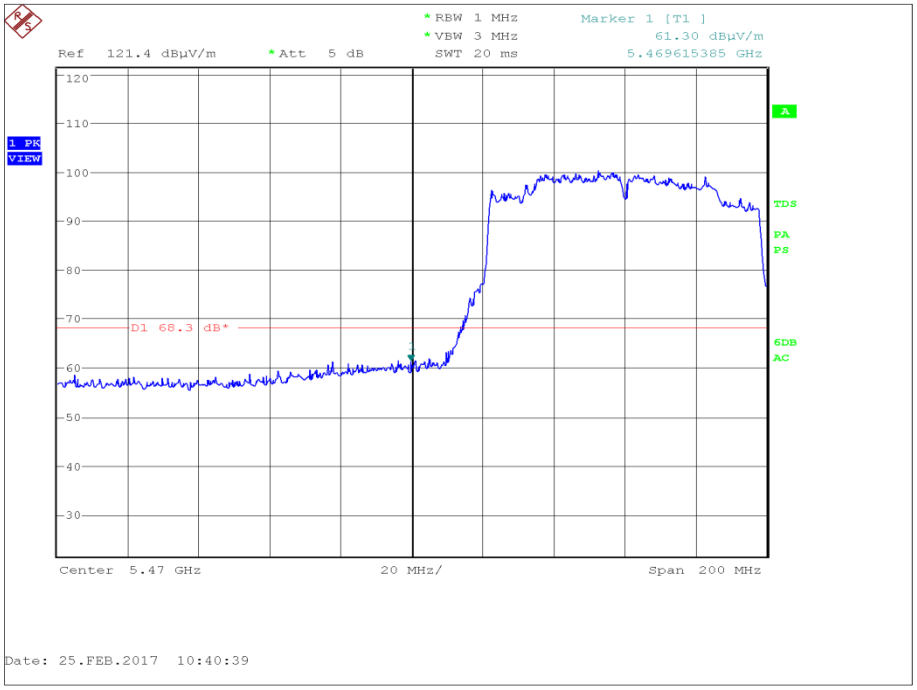

Figure 125 - U-NII 2c - Authorised Band Edge at 5470 MHz - Widest Emission Bandwidth

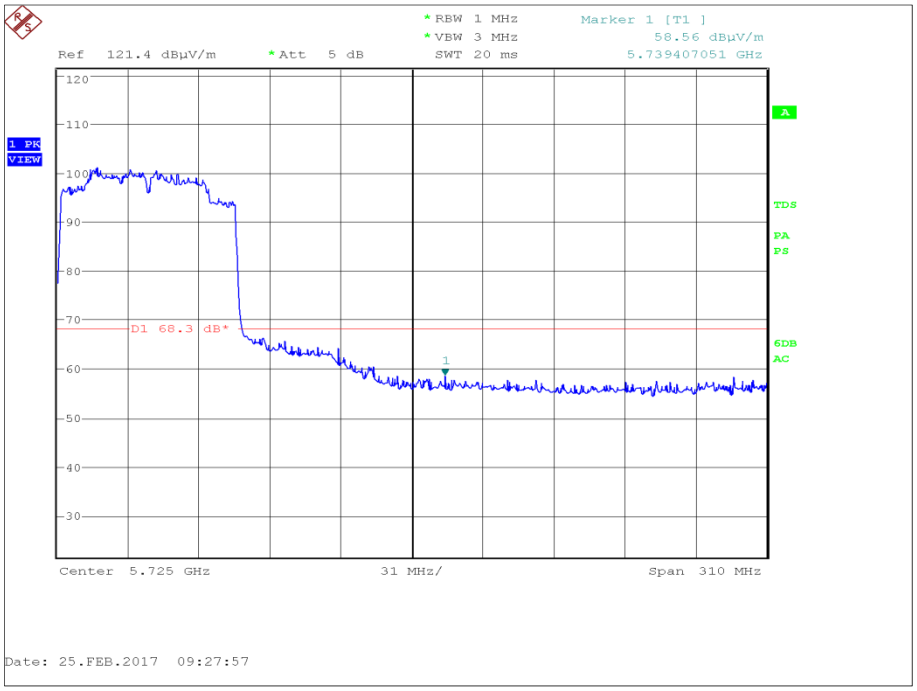

Figure 126 - U-NII 2c - Authorised Band Edge at 5725 MHz - Highest Conducted Power

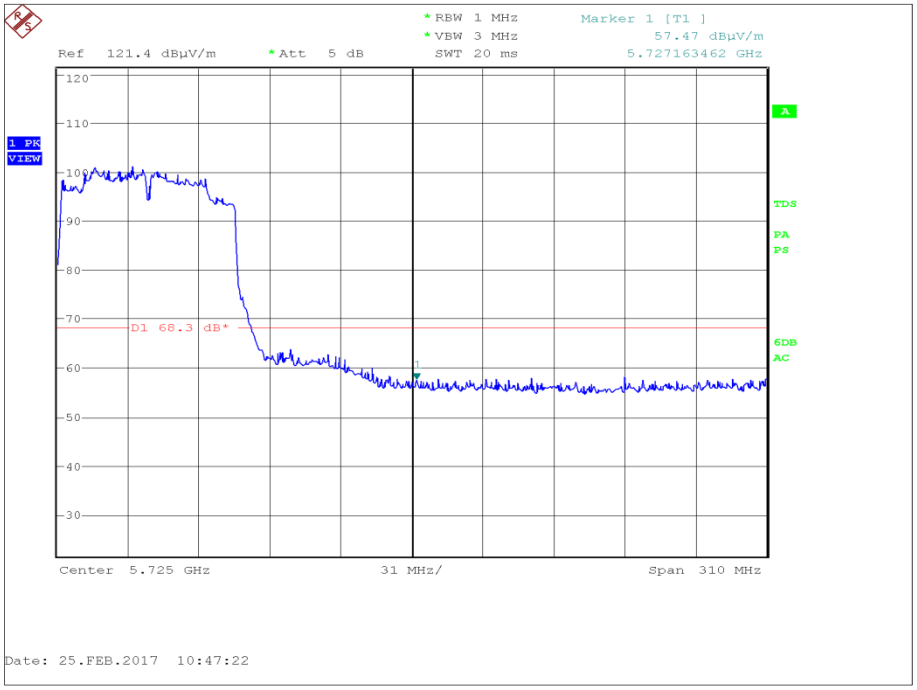

Figure 127 - U-NII 2c - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuv/m)
Highest Conducted Power	MCS5	5775	5725	58.14
Widest Emission Bandwidth	MCS0	5775	5725	58.92
Highest Conducted Power	MCS5	5825	5850	58.98
Widest Emission Bandwidth	MCS0	5825	5850	57.90

Table 103 - U-NII 3 - Authorised Band Edge Results

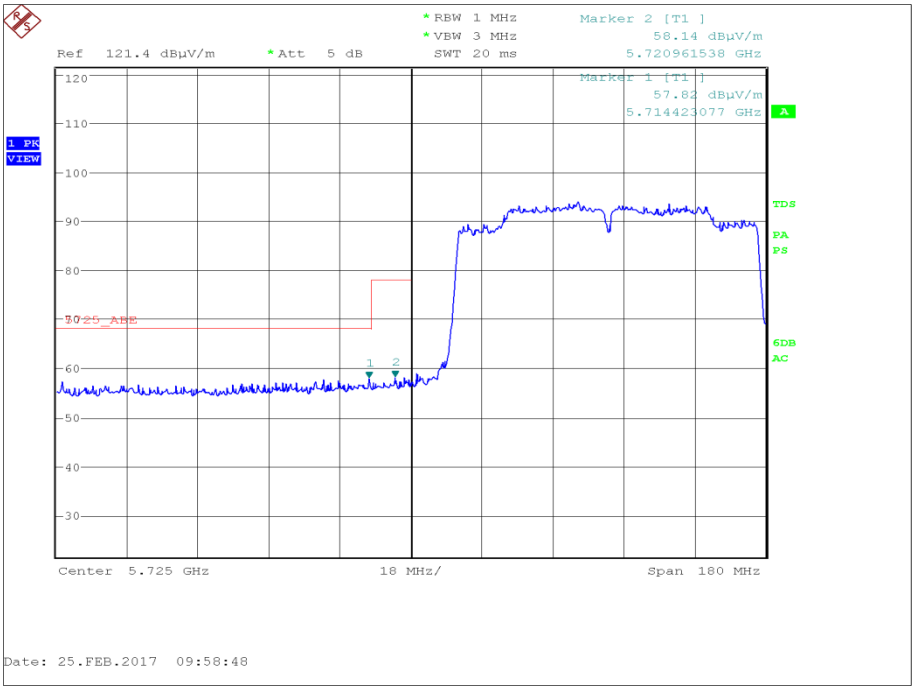

Figure 128 - U-NII 3 - Authorised Band Edge at 5725 MHz - Highest Conducted Power

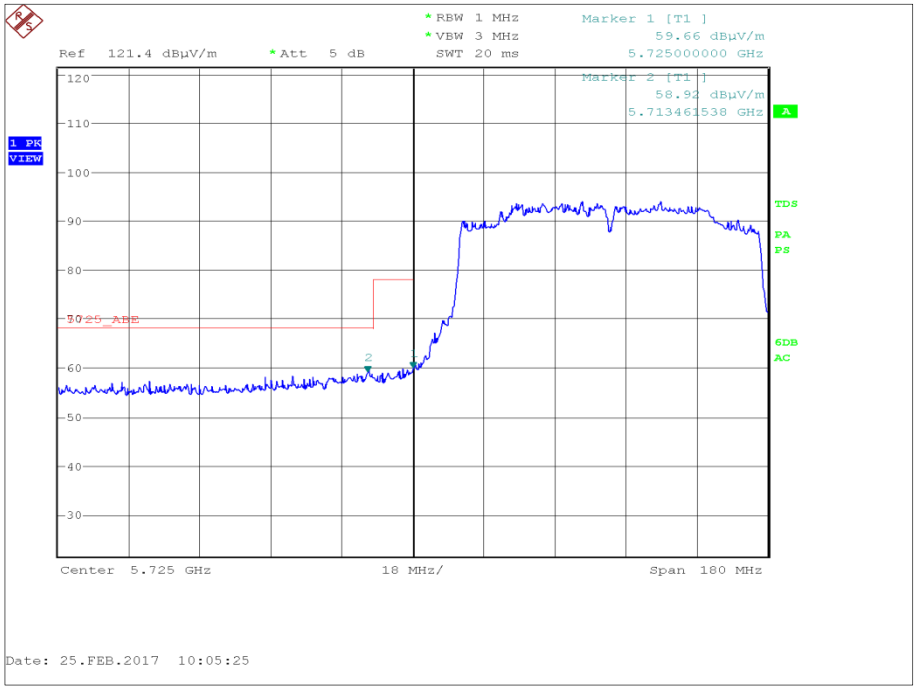

Figure 129 - U-NII 3 - Authorised Band Edge at 5725 MHz - Widest Emission Bandwidth

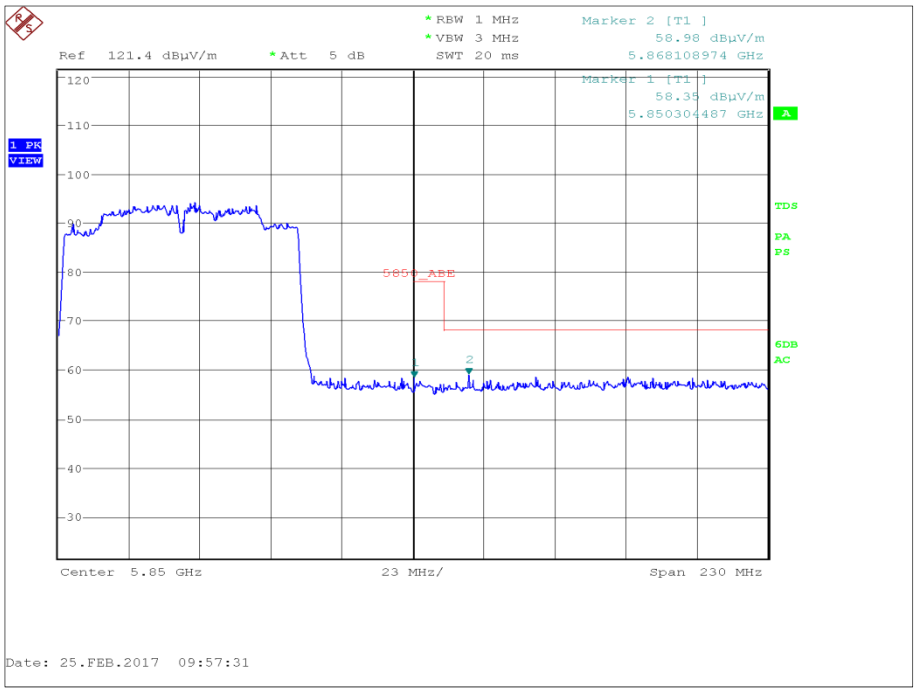

Figure 130 - U-NII 3 - Authorised Band Edge at 5850 MHz - Highest Conducted Power

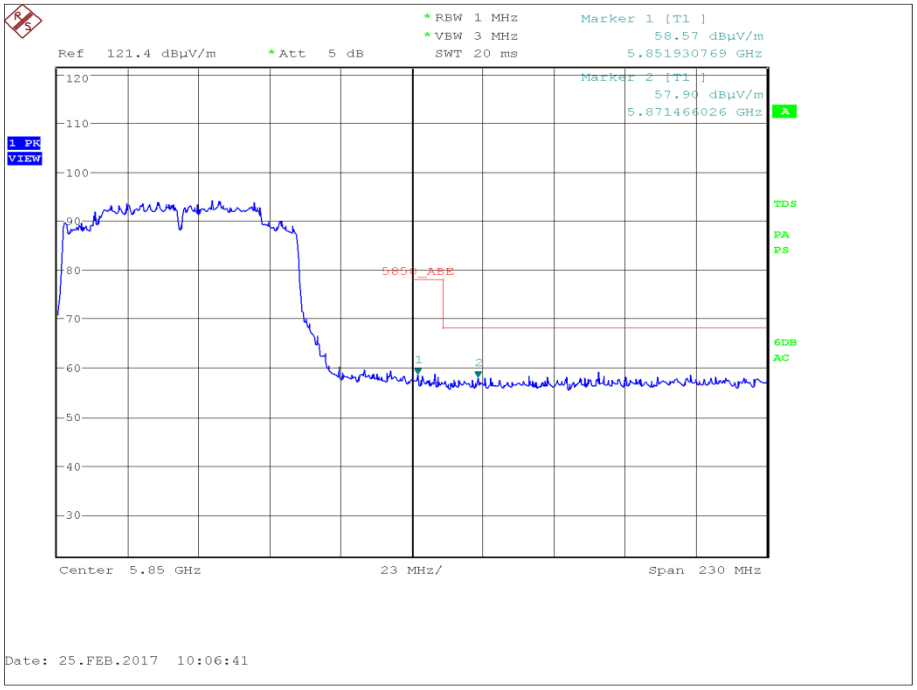

Figure 131 - U-NII 3 - Authorised Band Edge at 5850 MHz - Widest Emission Bandwidth

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

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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

2.4.7 Test Location and Test Equipment Used

This test was carried out in EMC Chamber 5.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
Screened Room (5)	Rainford	Rainford	1545	36	20-Dec-2017
Turntable Controller	Inn-Co GmbH	CO 1000	1606	-	TU
Hygrometer	Rotronic	HYGROPALM 1	2338	12	21-Sep-2017
Multimeter	Iso-tech	IDM101	2417	12	30-Sep-2017
Cable (N-N, 8m)	Rhophase	NPS-2302-8000-NPS	3248	-	O/P Mon
HygroPalm	Rotronic	HygroPalm 0	3484	12	17-May-2017
EMI Test Receiver	Rohde & Schwarz	ESU40	3506	12	12-Nov-2017
Tilt Antenna Mast	maturo Gmbh	TAM 4.0-P	3916	-	TU
Mast Controller	maturo Gmbh	NCD	3917	-	TU
Cable (Yellow, Rx, Km-Km 2m)	Scott Cables	KPS-1501-2000-KPS	4527	6	O/P Mon
Double Ridged Waveguide Horn Antenna	ETS-Lindgren	3117	4722	12	17-Feb-2018

Table 104

TU - Traceability Unscheduled
O/P Mon – Output Monitored using calibrated equipment

2.5 Restricted Band Edges

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.205

2.5.2 Equipment Under Test and Modification State

DAQRI Smart Helmet, S/N: 1829C-DC8-6UPN9XJWJW - Modification State 0

2.5.3 Date of Test

20-February-2017 to 28-February-2017

2.5.4 Test Method

The test was performed in accordance with ANSI C63.10, Clause 12.7.4.

Peak measurements were made in accordance with ANSI C63.10, Clause 12.7.6.

Average measurements were made in accordance with ANSI C63.10, Clause 12.7.7.3.

2.5.5 Environmental Conditions

Ambient Temperature	18.0 - 21.2 °C
Relative Humidity	38.0 - 49.8 %

2.5.6 Test Results

802.11a

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	6 Mbps	5180	5150	60.38	45.81
Widest Emission Bandwidth	12 Mbps	5180	5150	61.75	45.49

Table 105 - U-NII 1 - Restricted Band Edge Results

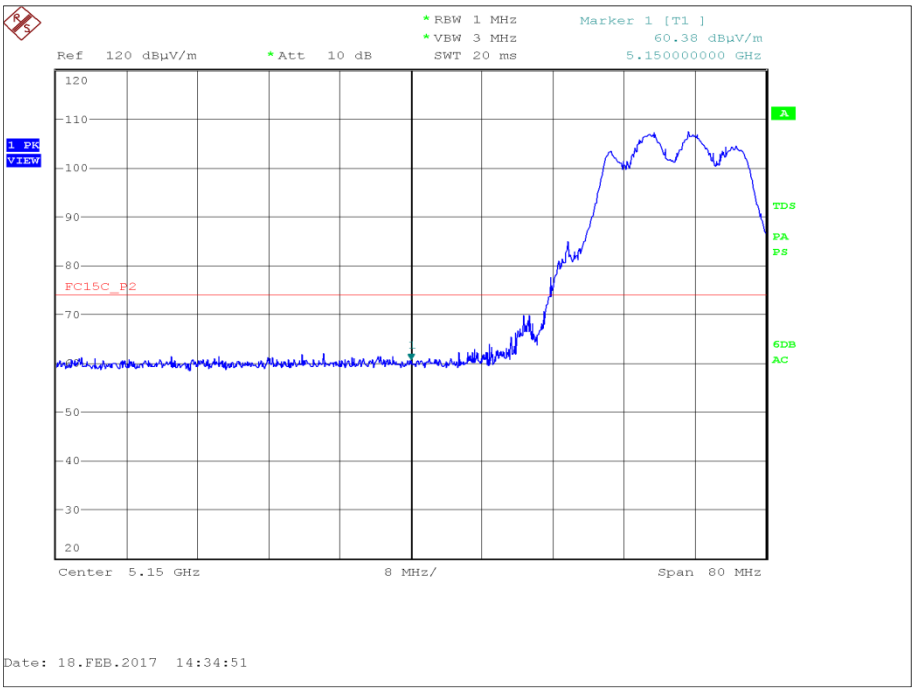

Figure 132 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

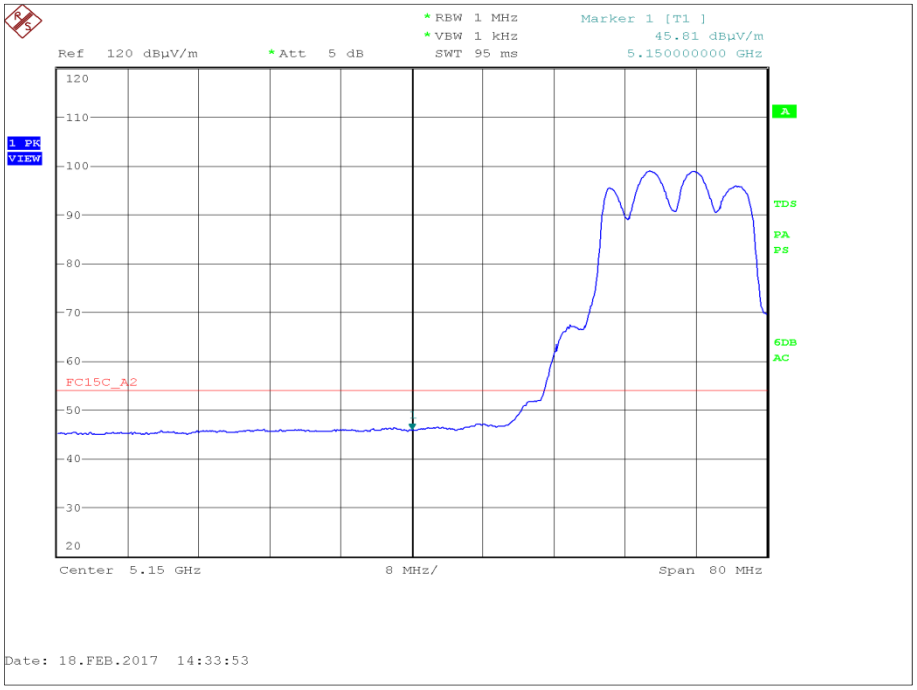

Figure 133 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

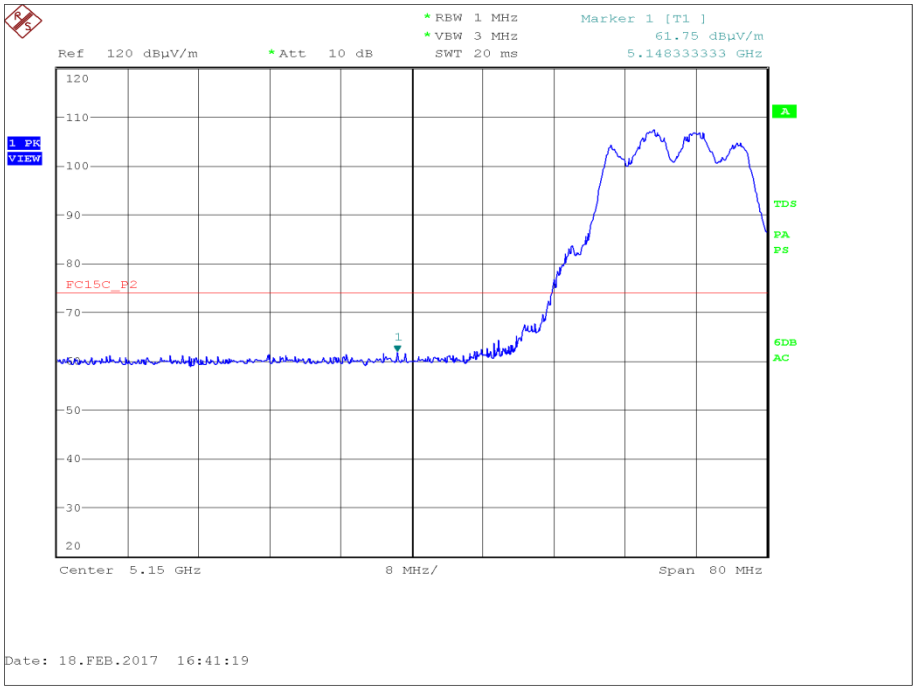

Figure 134 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

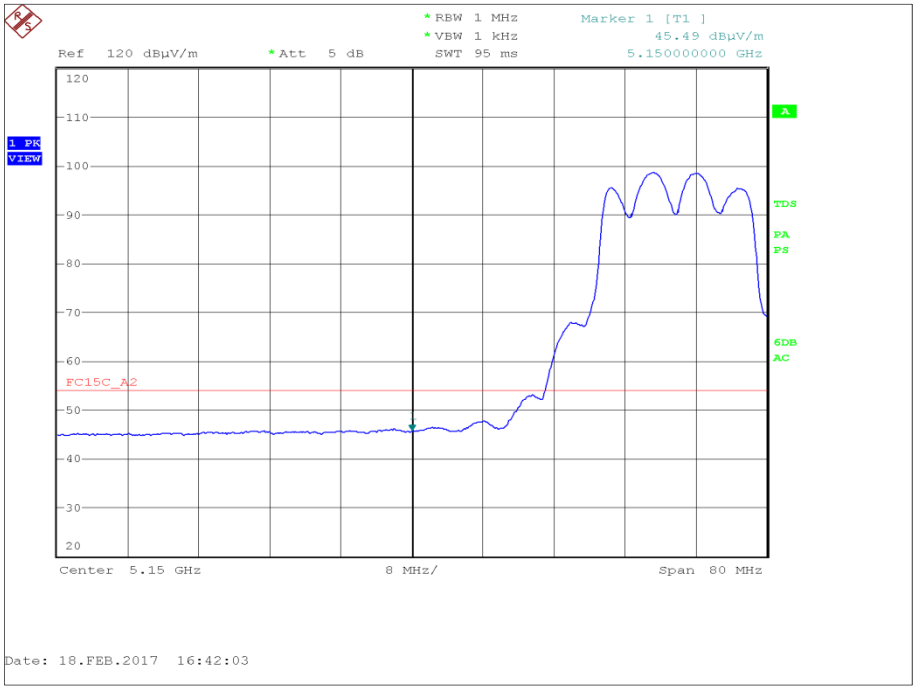

Figure 135 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	6 Mbps	5180	5350	62.34	46.08
Widest Emission Bandwidth	12 Mbps	5180	5350	61.22	46.23

Table 106 - U-NII 2a - Restricted Band Edge Results

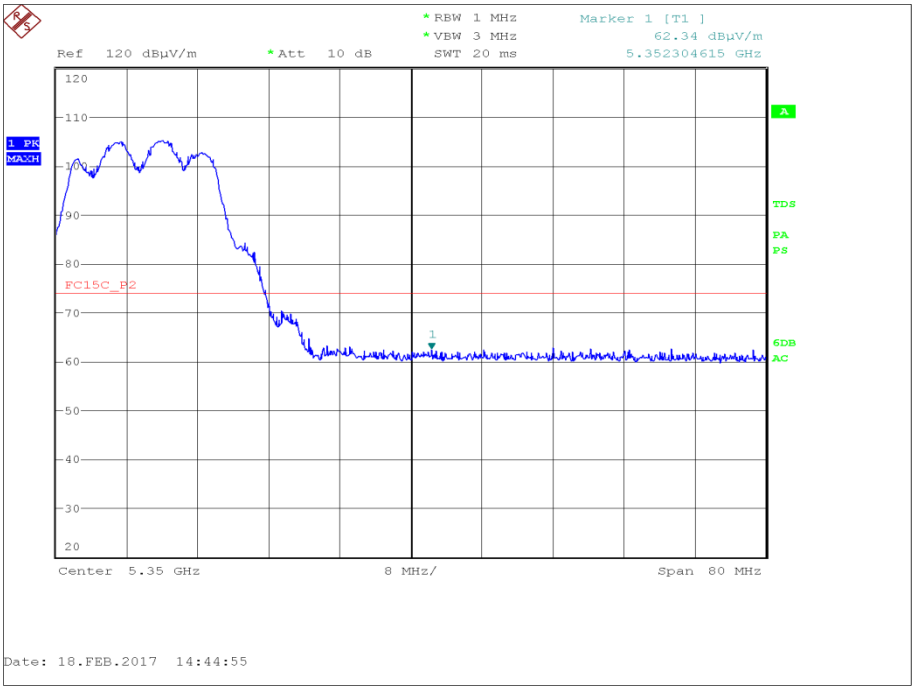

Figure 136 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

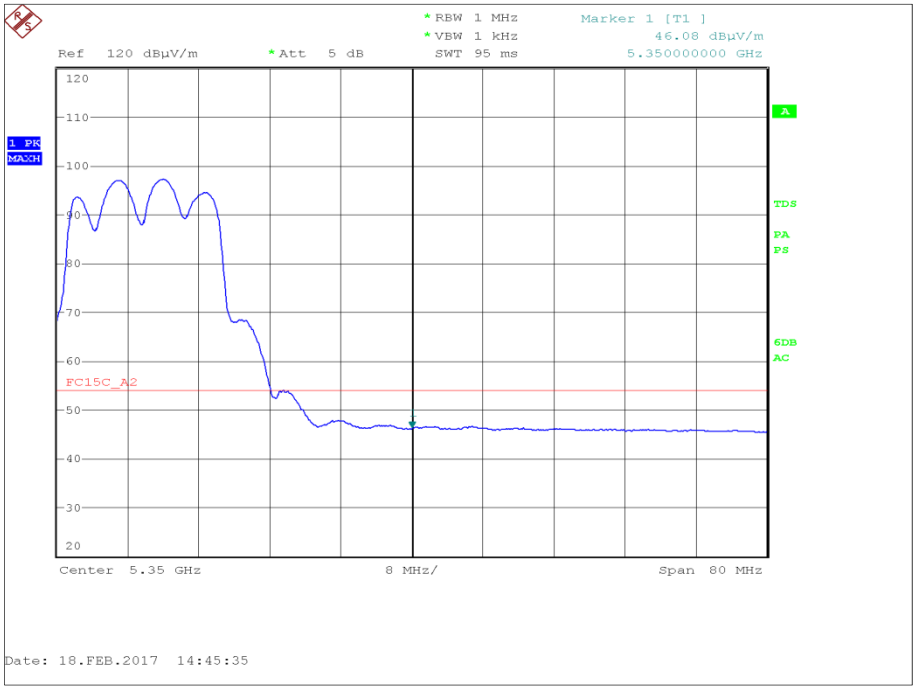

Figure 137 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

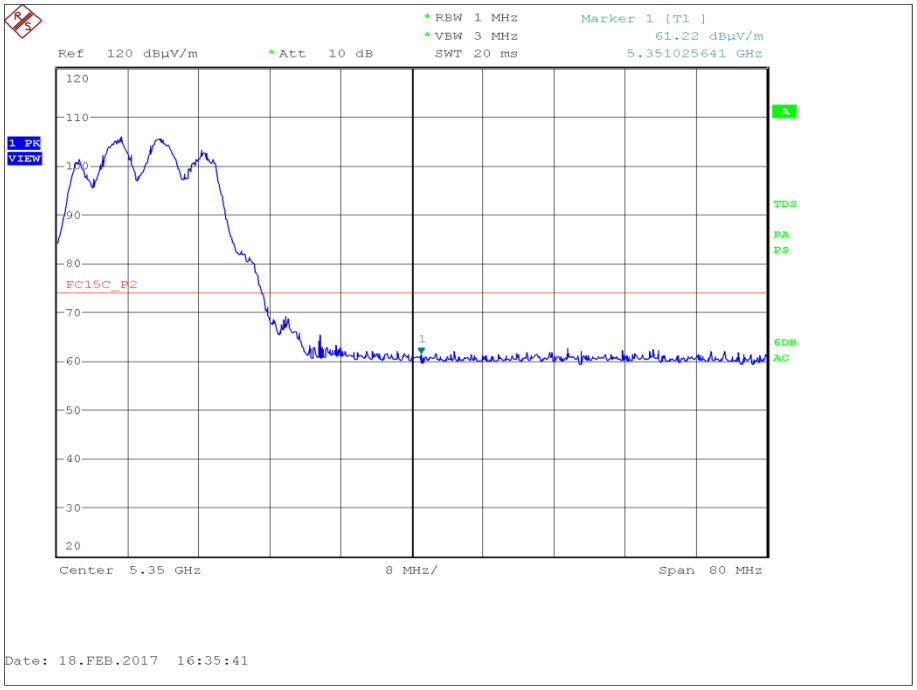

Figure 138 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

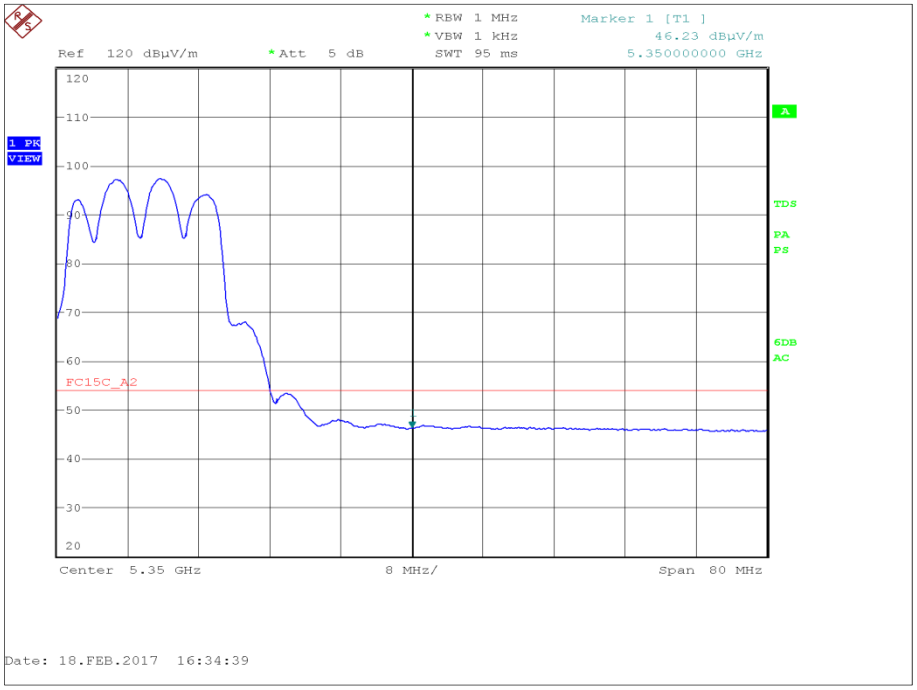

Figure 139 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	6 Mbps	5180	5350	62.34	46.08
Widest Emission Bandwidth	12 Mbps	5180	5350	61.22	46.23

Table 107 - U-NII 2c- Restricted Band Edge Results

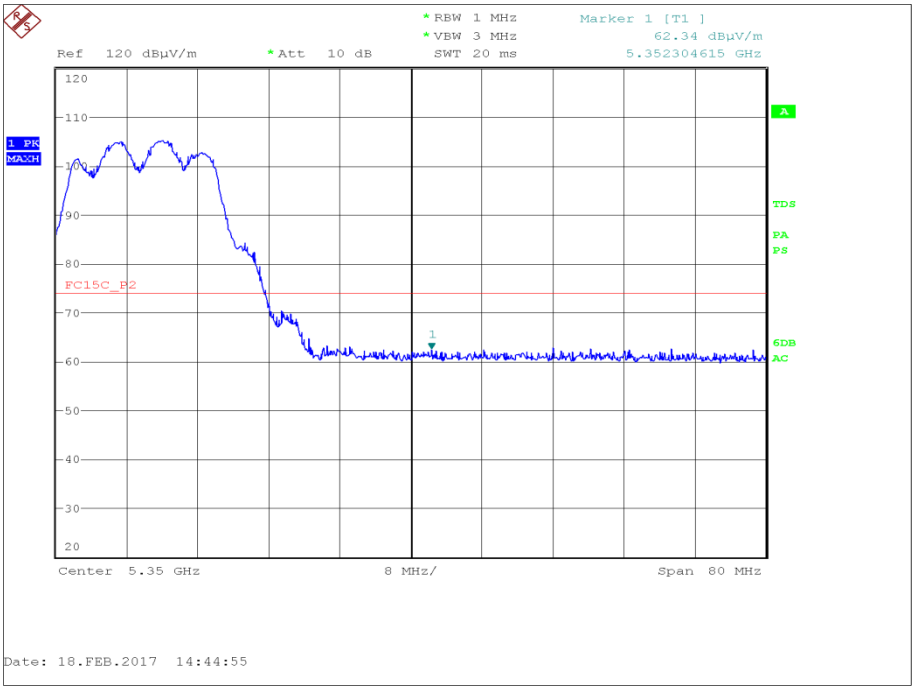

Figure 140 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

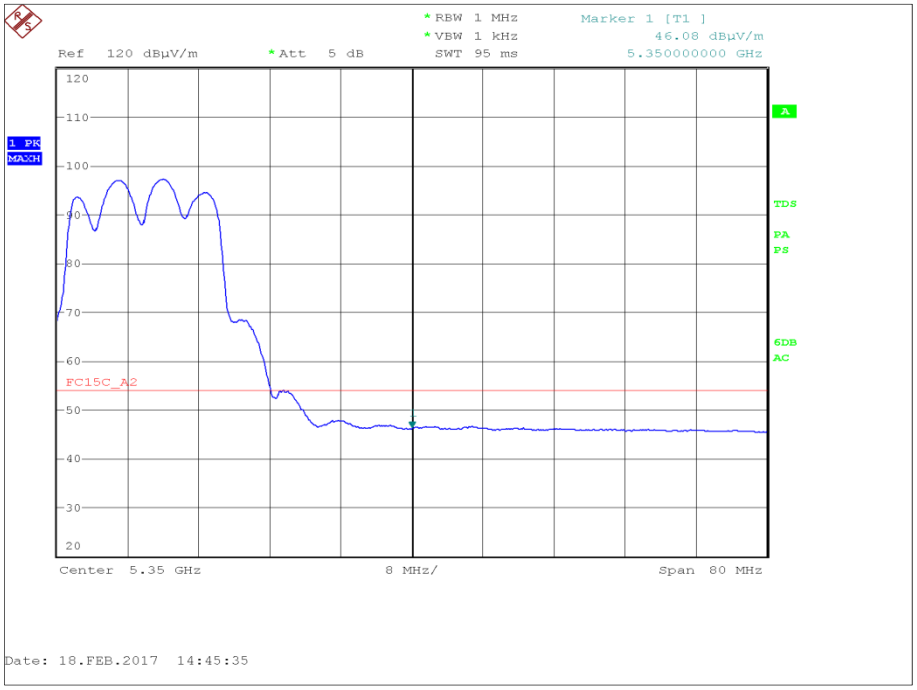

Figure 141 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

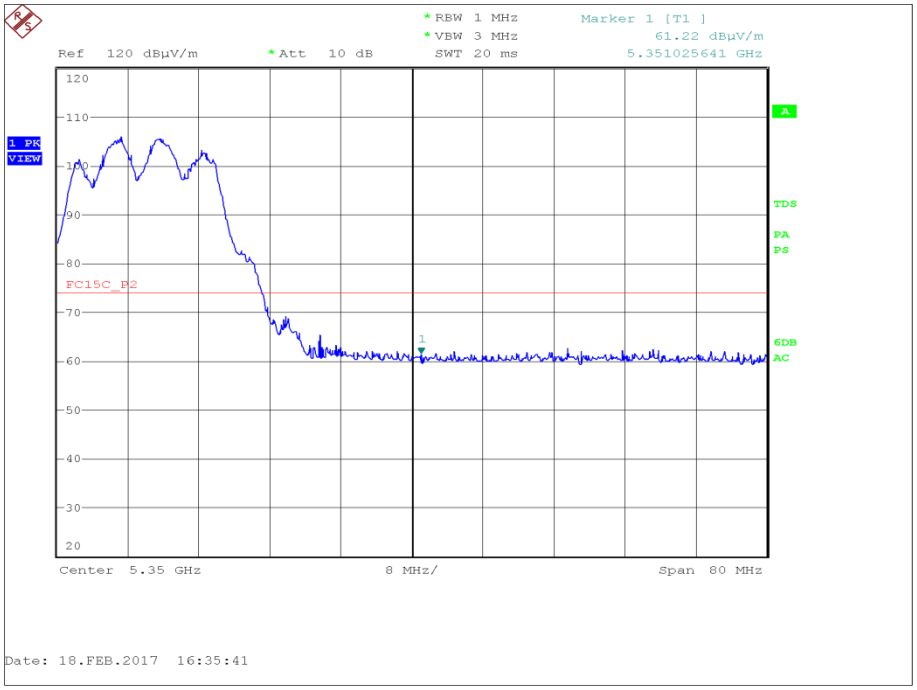

Figure 142 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

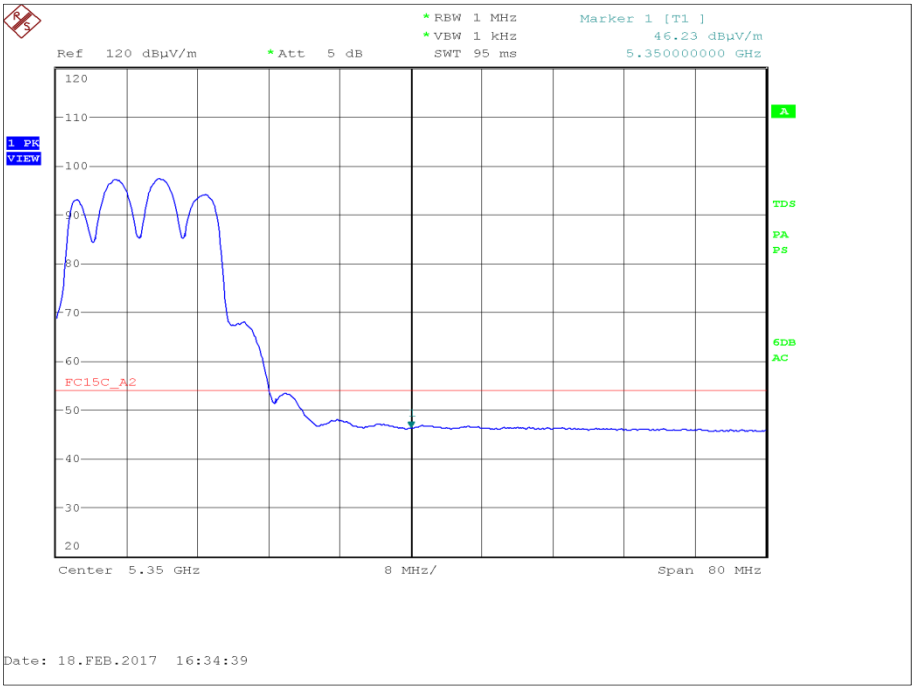

Figure 143 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

FCC 47 CFR Part 15E, Limit Clause 15.205

	Peak (dBµV/m)	Average (dBµV/m)
Restricted Bands of Operation	74	54

Table 108

802.11n (20 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS8	5180	5150	62.63	45.88
Widest Emission Bandwidth	MCS2	5180	5150	62.33	47.40

Table 109 - U-NII 1 - Restricted Band Edge Results

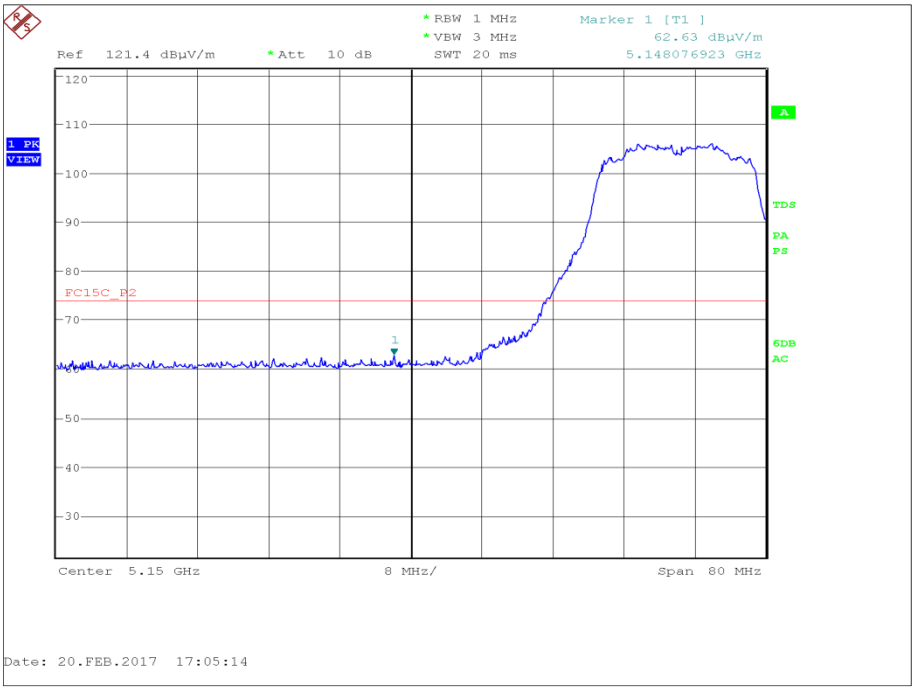

Figure 144 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

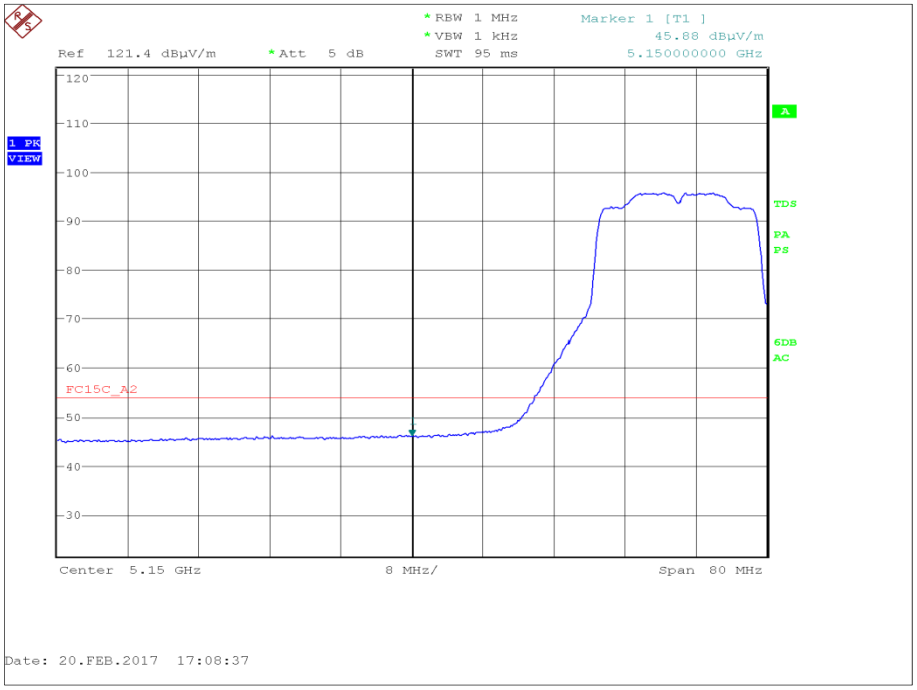

Figure 145 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

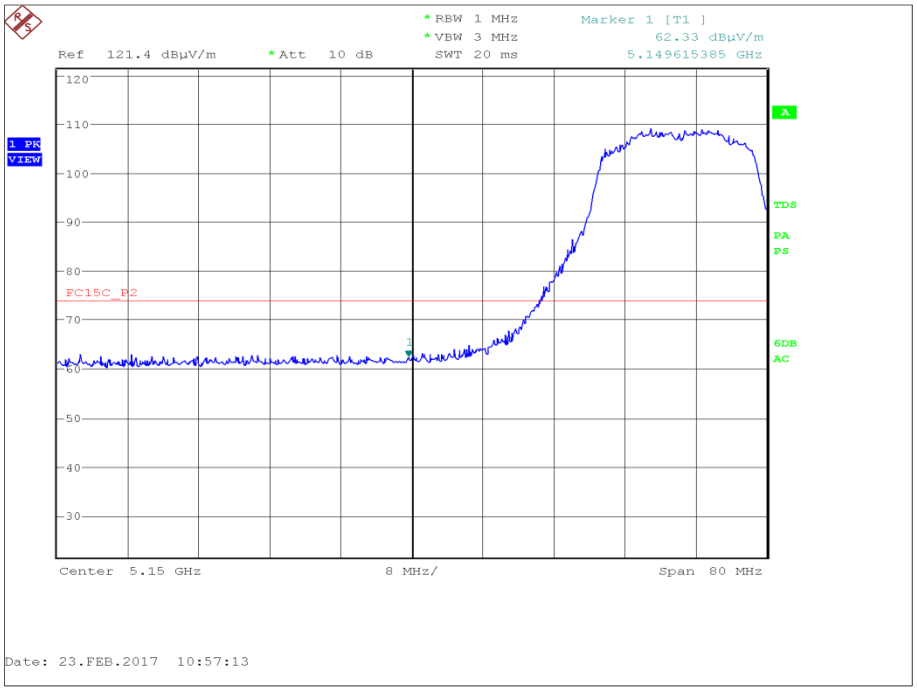

Figure 146 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

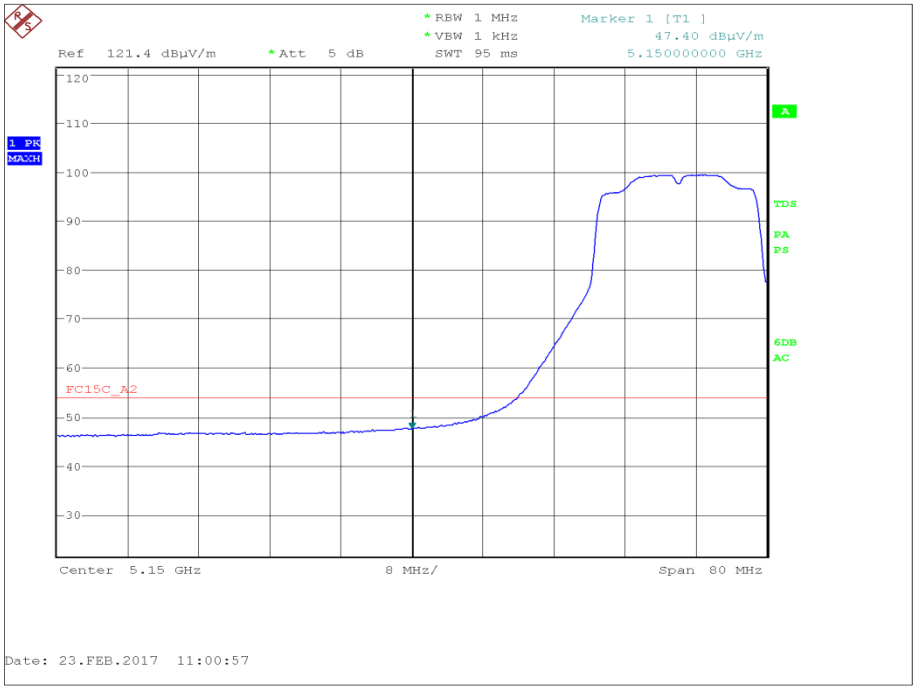

Figure 147 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS8	5180	5350	62.74	46.33
Widest Emission Bandwidth	MCS2	5180	5350	63.27	47.88

Table 110 - U-NII 2a - Restricted Band Edge Results

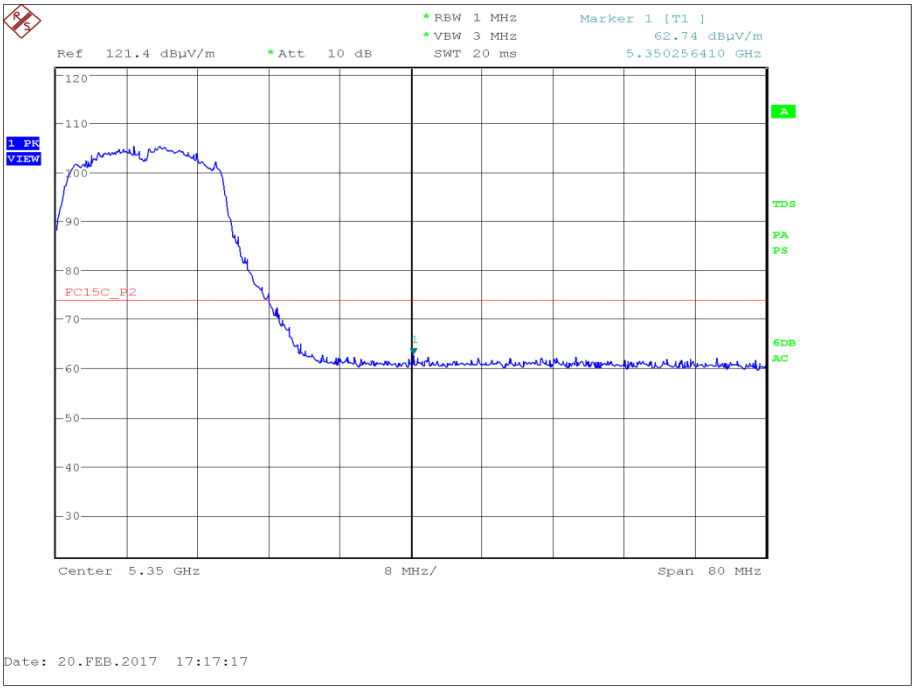

Figure 148 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

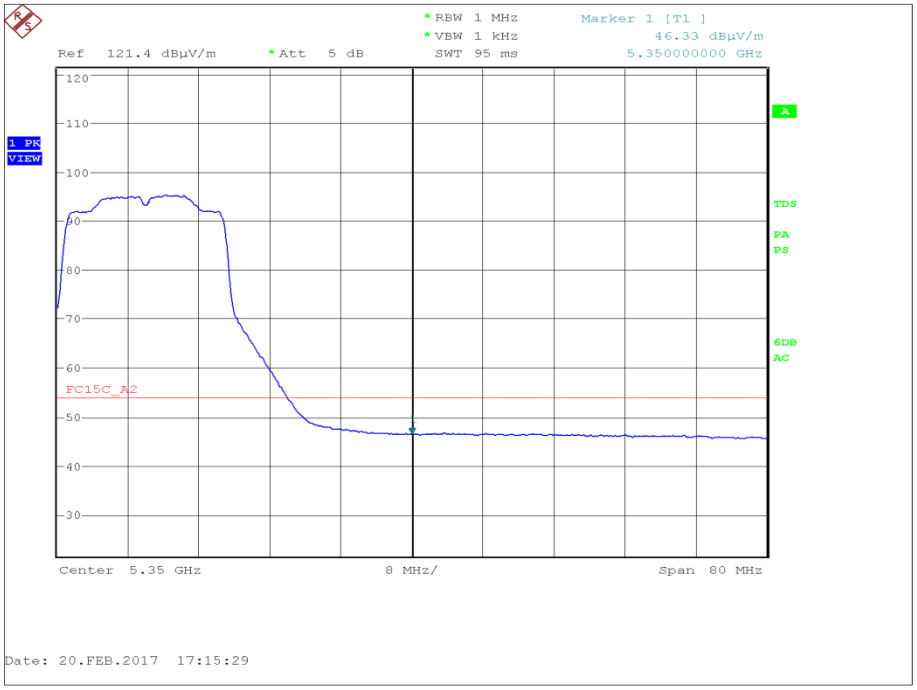

Figure 149 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

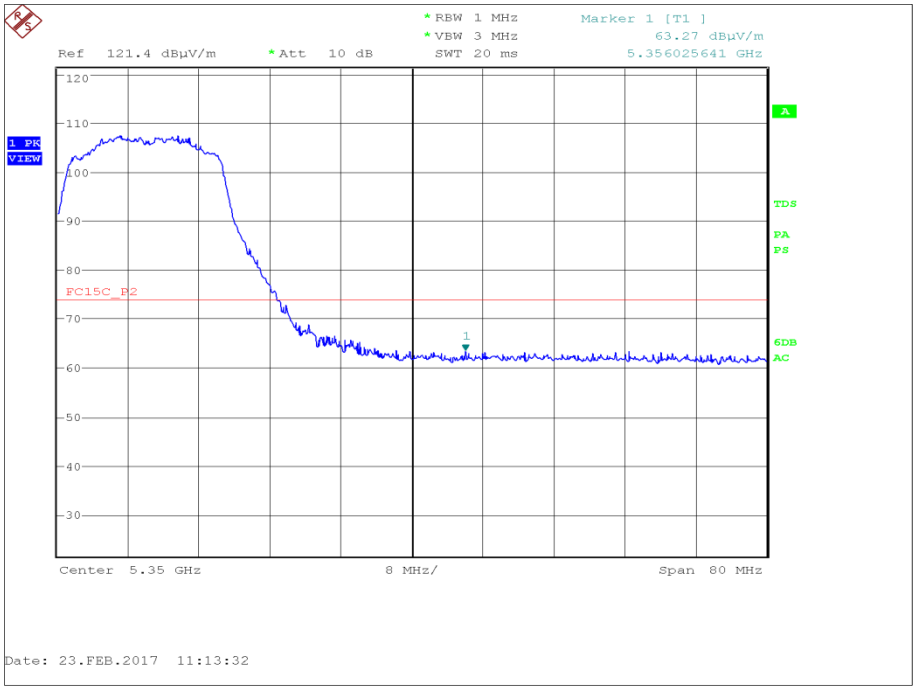

Figure 150 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

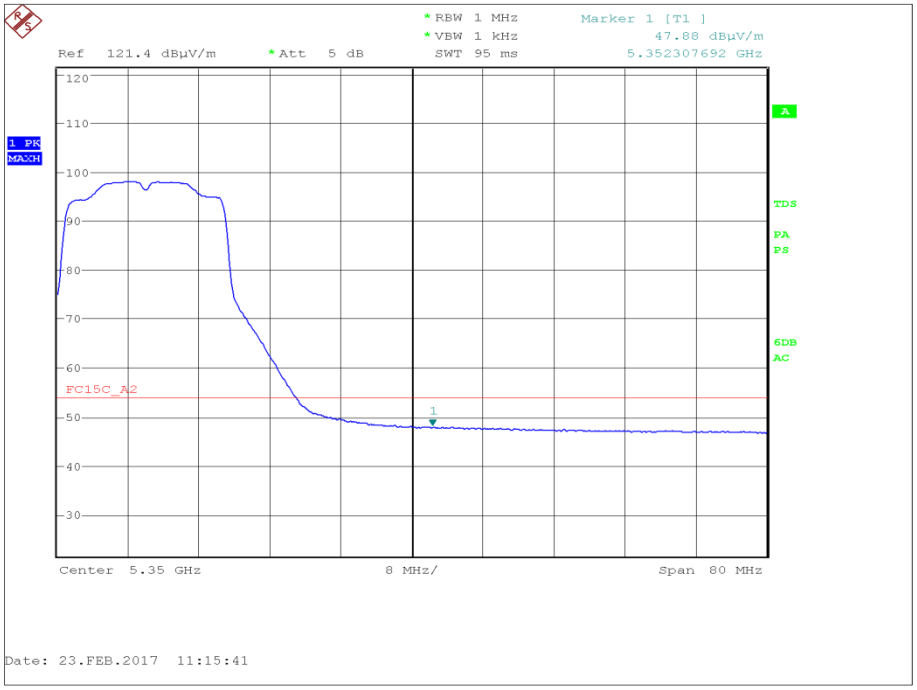

Figure 151 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS8	5180	5350	62.74	46.33
Widest Emission Bandwidth	MCS2	5180	5350	63.27	47.88

Table 111 - U-NII 2c- Restricted Band Edge Results

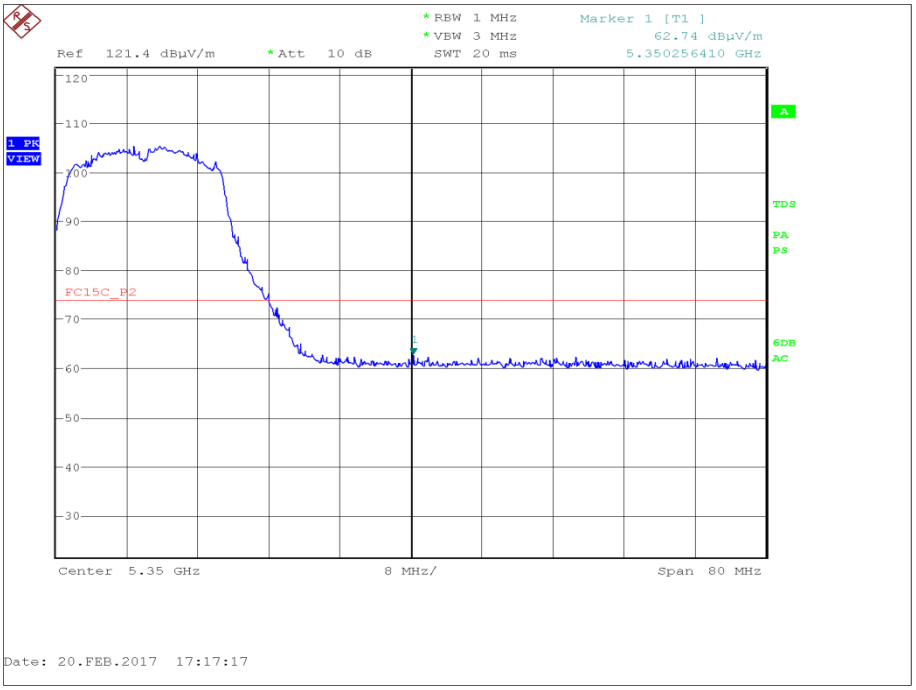

Figure 152 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

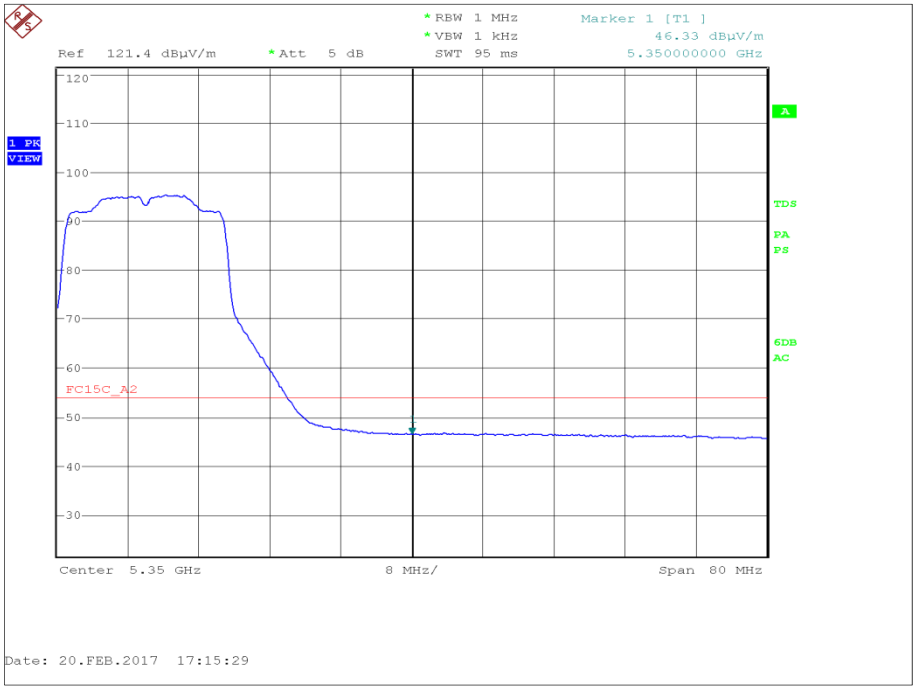

Figure 153 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

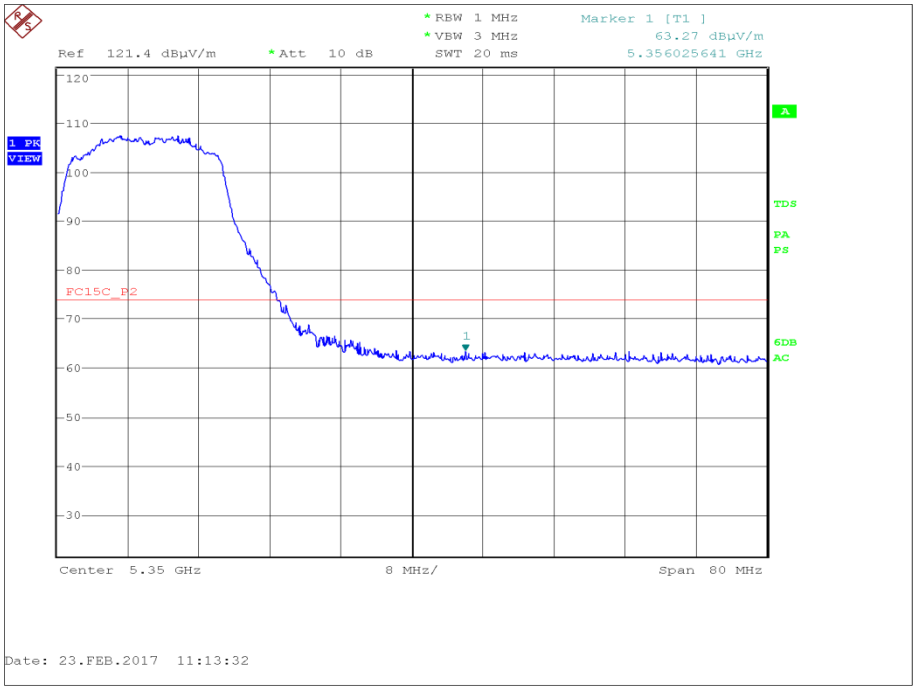

Figure 154 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

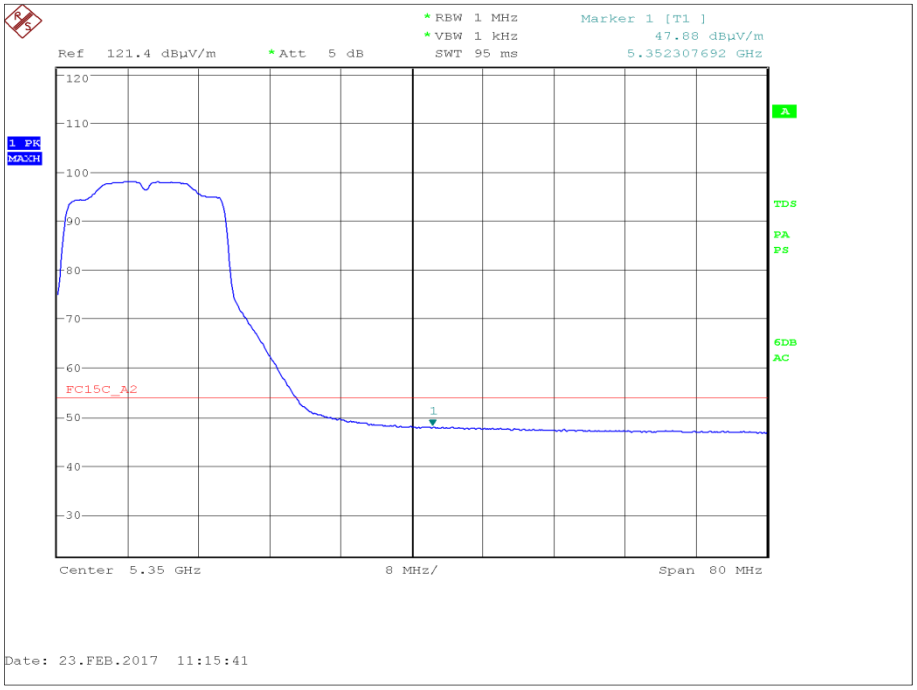

Figure 155 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

FCC 47 CFR Part 15E, Limit Clause 15.205

	Peak (dBµV/m)	Average (dBµV/m)
Restricted Bands of Operation	74	54

Table 112

802.11n (40 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS14	5190	5150	63.42	48.93
Widest Emission Bandwidth	MCS0	5190	5150	62.32	47.81

Table 113 - U-NII 1 - Restricted Band Edge Results

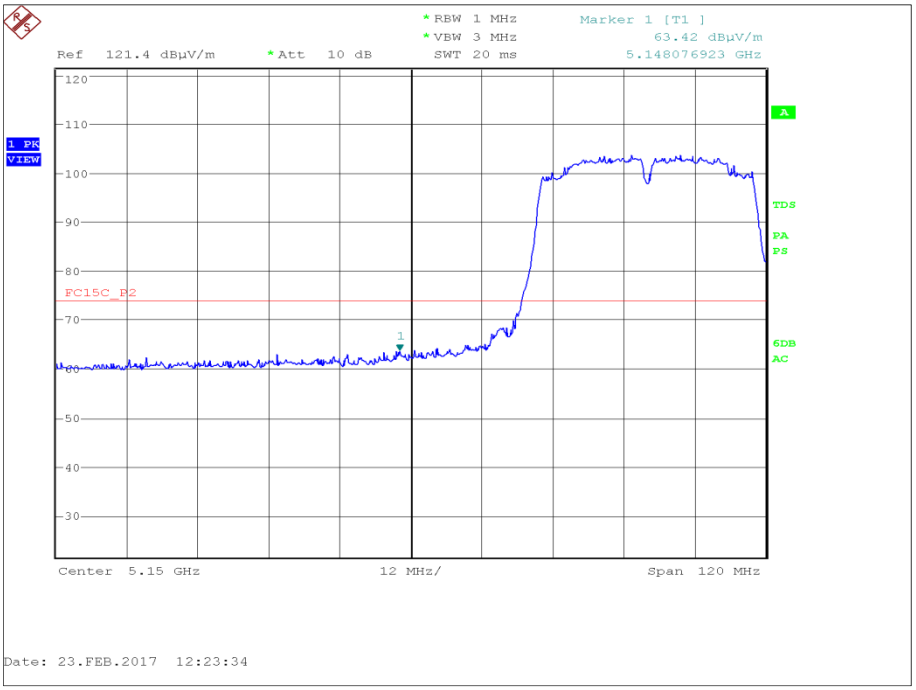

Figure 156 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

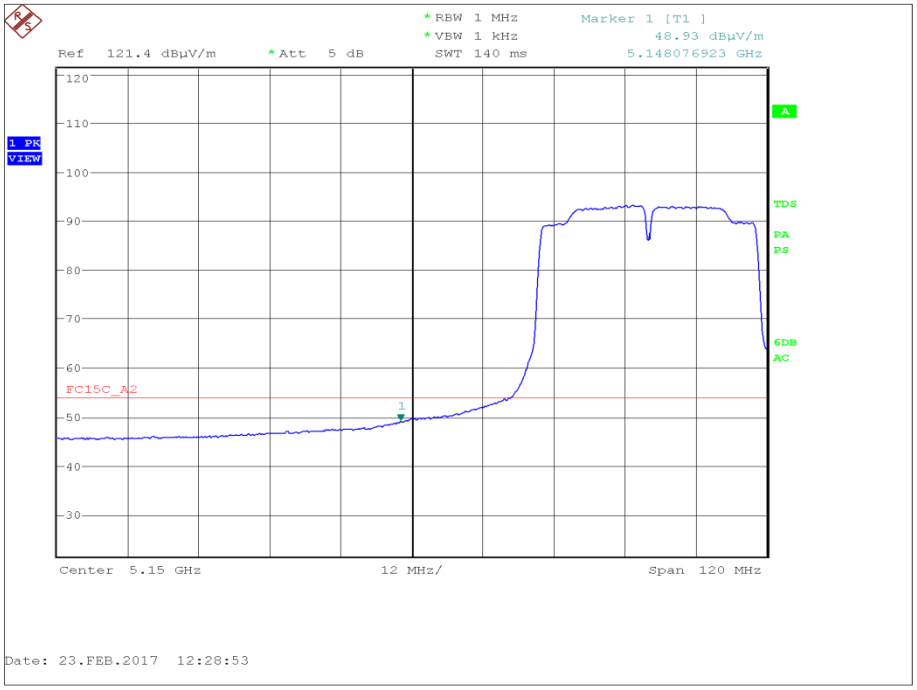

Figure 157 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

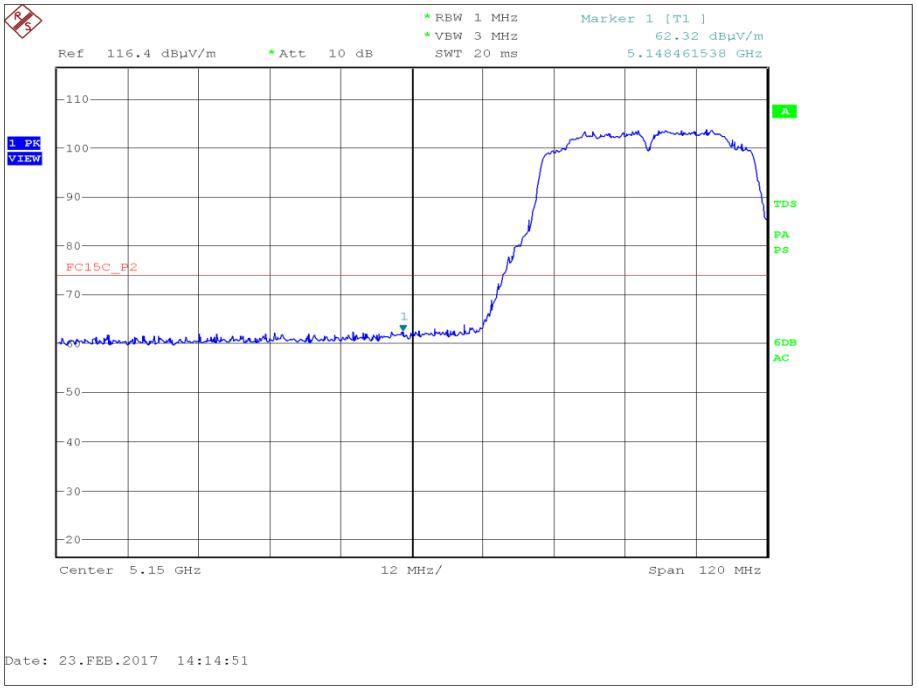

Figure 158 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

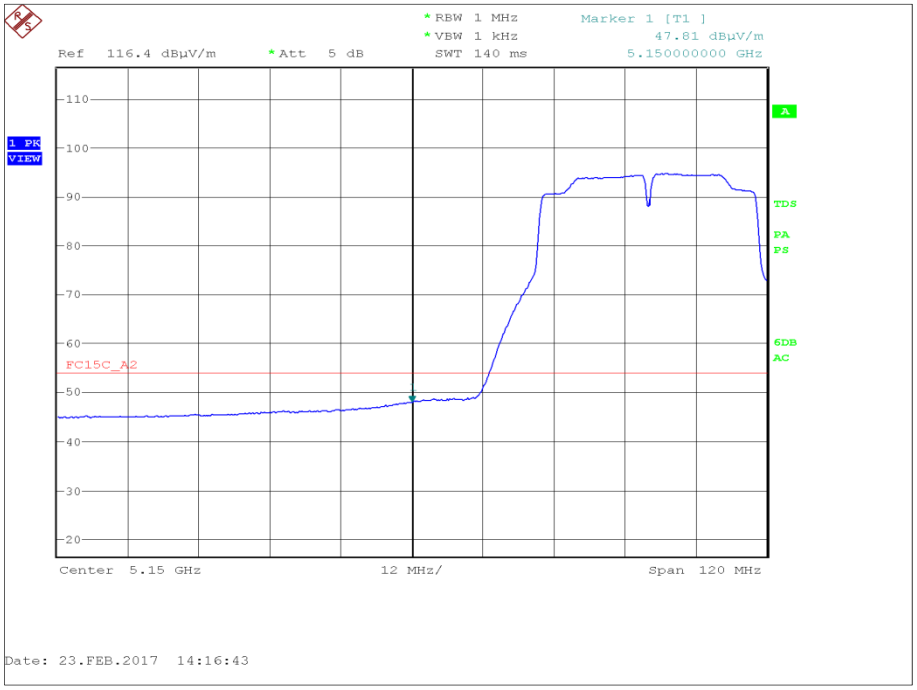

Figure 159 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS14	5190	5350	63.04	48.43
Widest Emission Bandwidth	MCS0	5190	5350	60.60	48.22

Table 114 - U-NII 2a - Restricted Band Edge Results

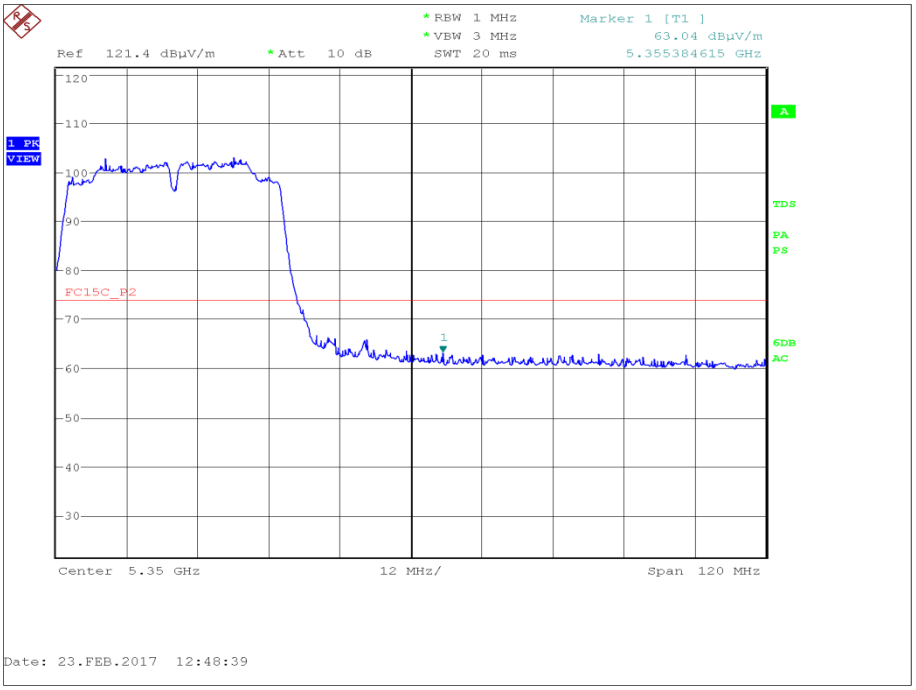

Figure 160 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

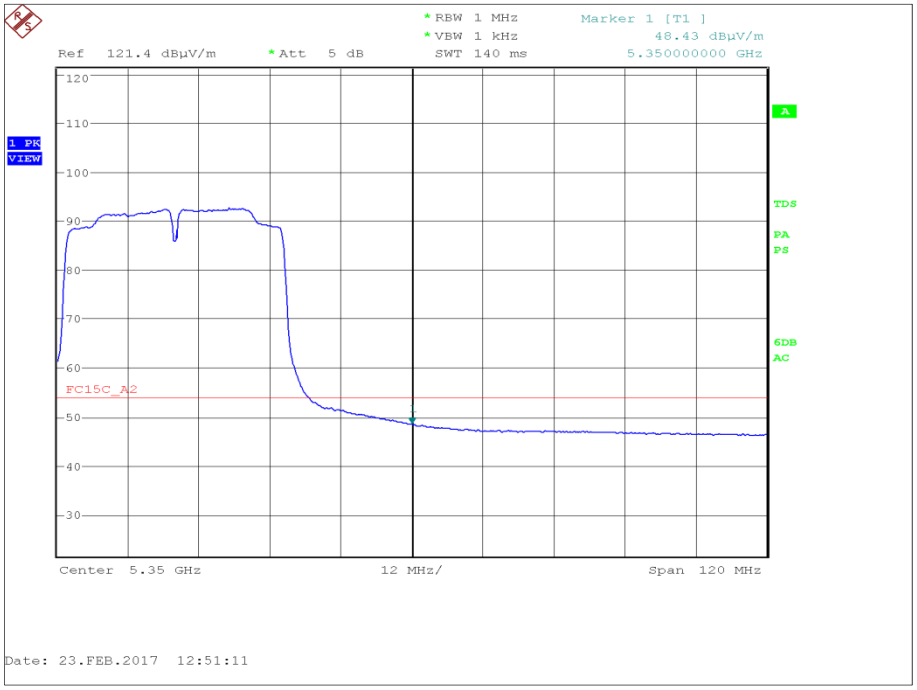

Figure 161 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

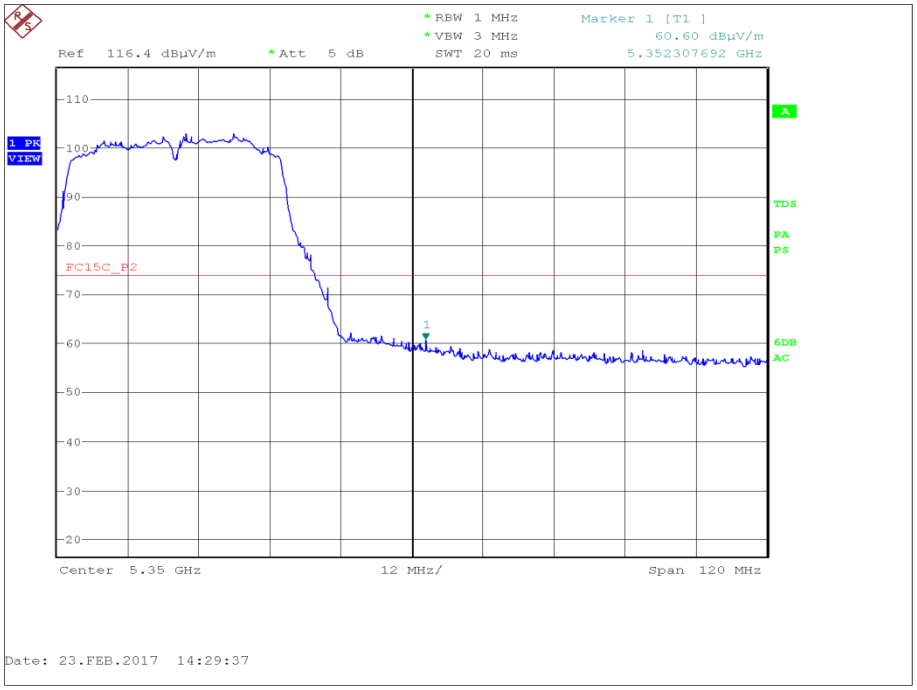

Figure 162 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

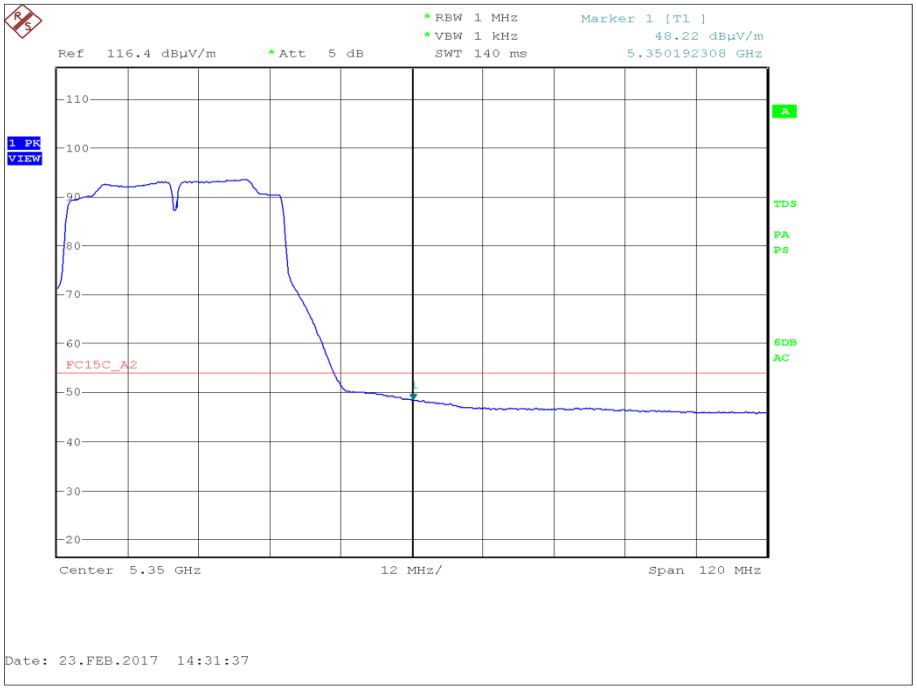

Figure 163 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS14	5190	5350	63.04	48.43
Widest Emission Bandwidth	MCS0	5190	5350	60.60	48.22

Table 115 - U-NII 2c- Restricted Band Edge Results

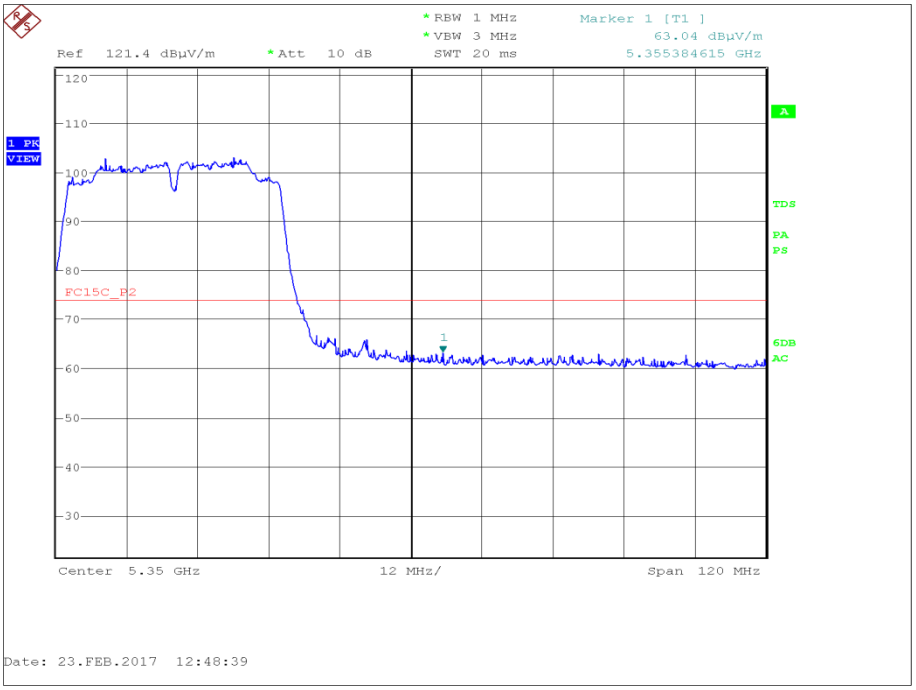

Figure 164 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

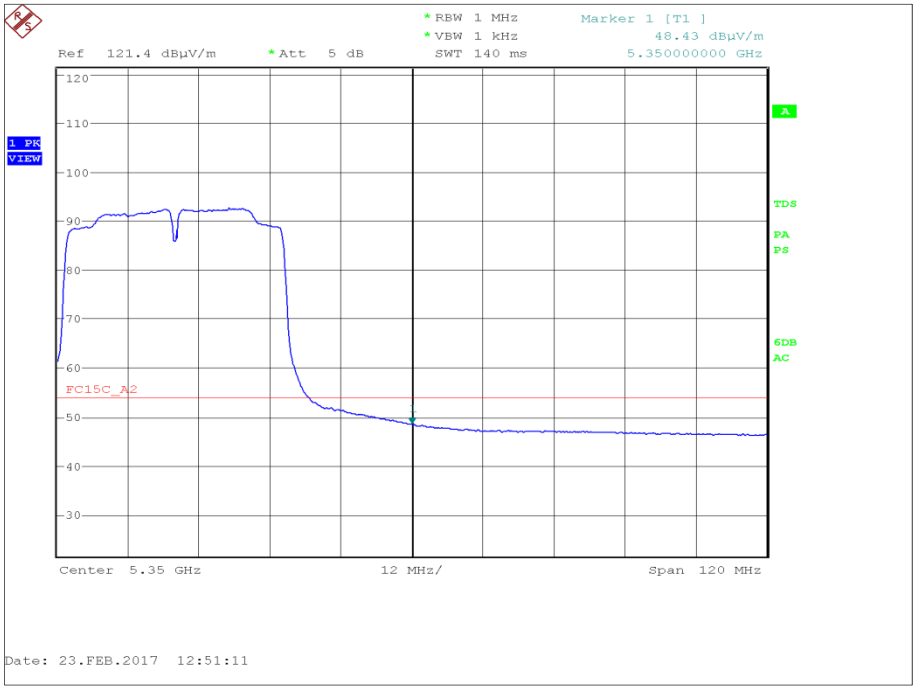

Figure 165 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

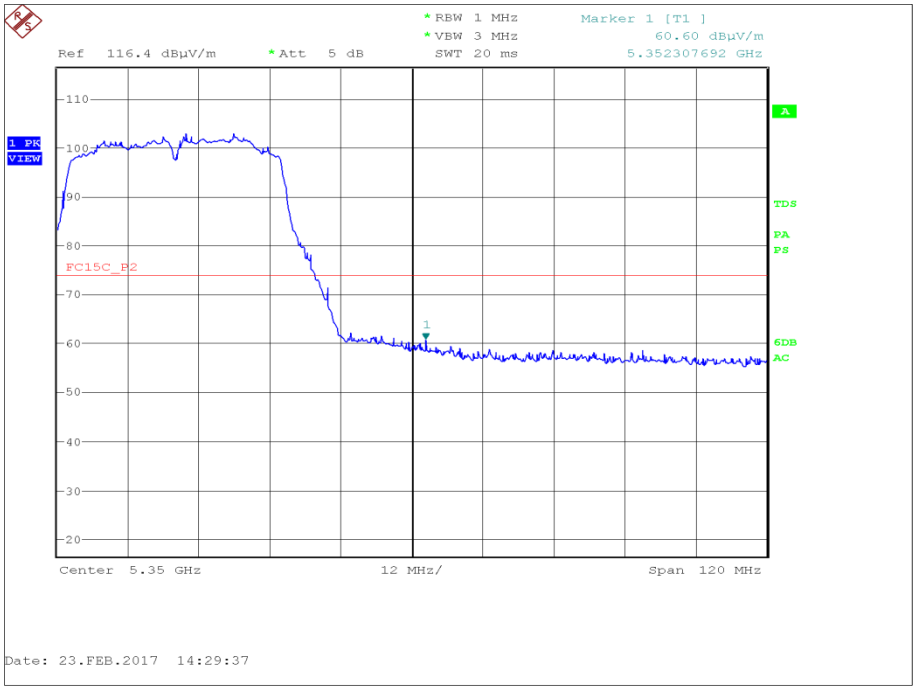

Figure 166 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

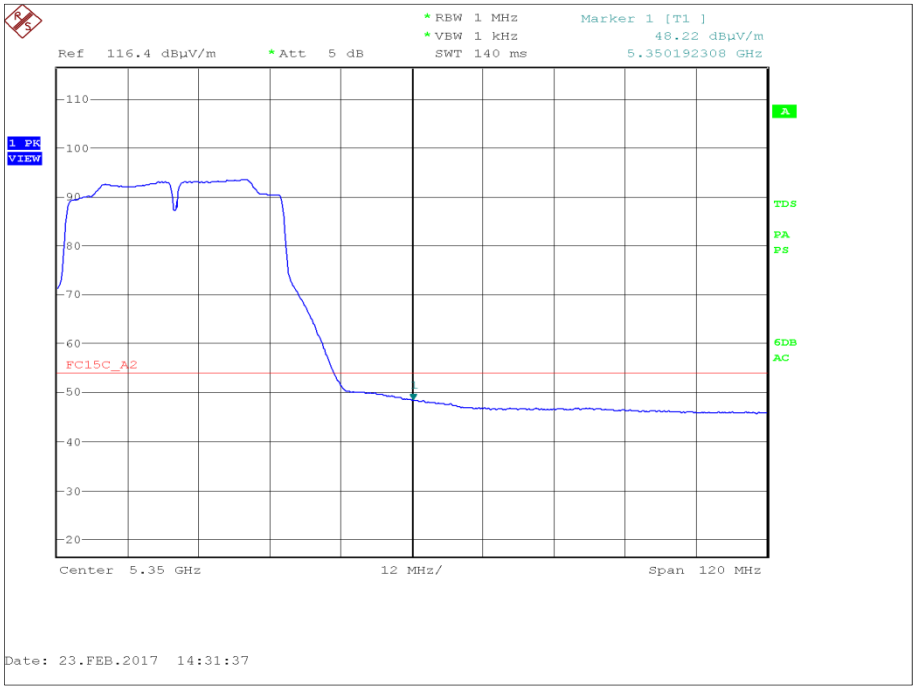

Figure 167 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

FCC 47 CFR Part 15E, Limit Clause 15.205

	Peak (dBµV/m)	Average (dBµV/m)
Restricted Bands of Operation	74	54

Table 116

802.11ac (20 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS0	5180	5150	61.11	45.84
Widest Emission Bandwidth	MCS2	5180	5150	60.04	45.97

Table 117 - U-NII 1 - Restricted Band Edge Results

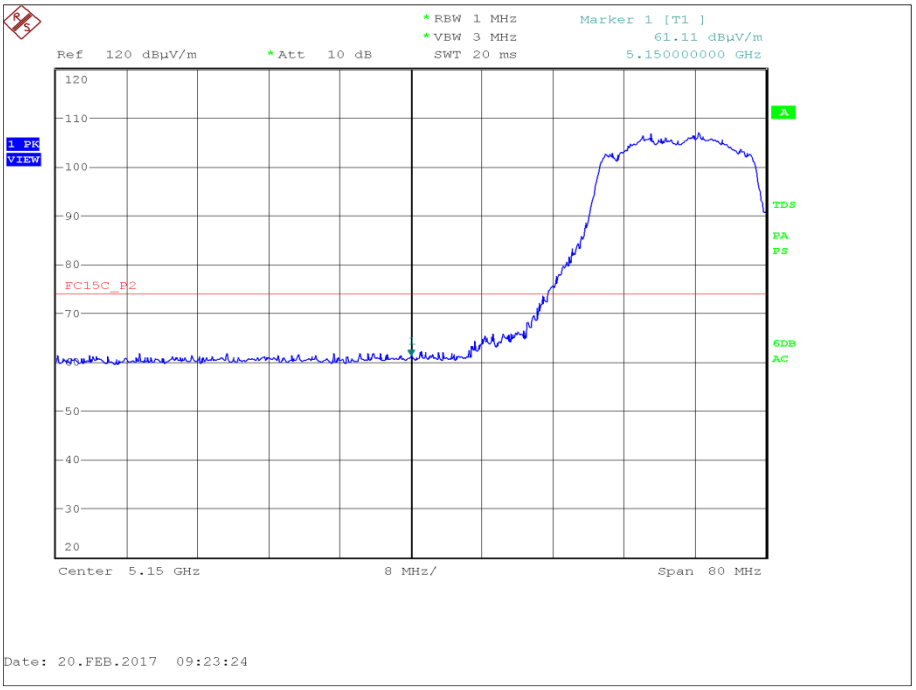

Figure 168 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

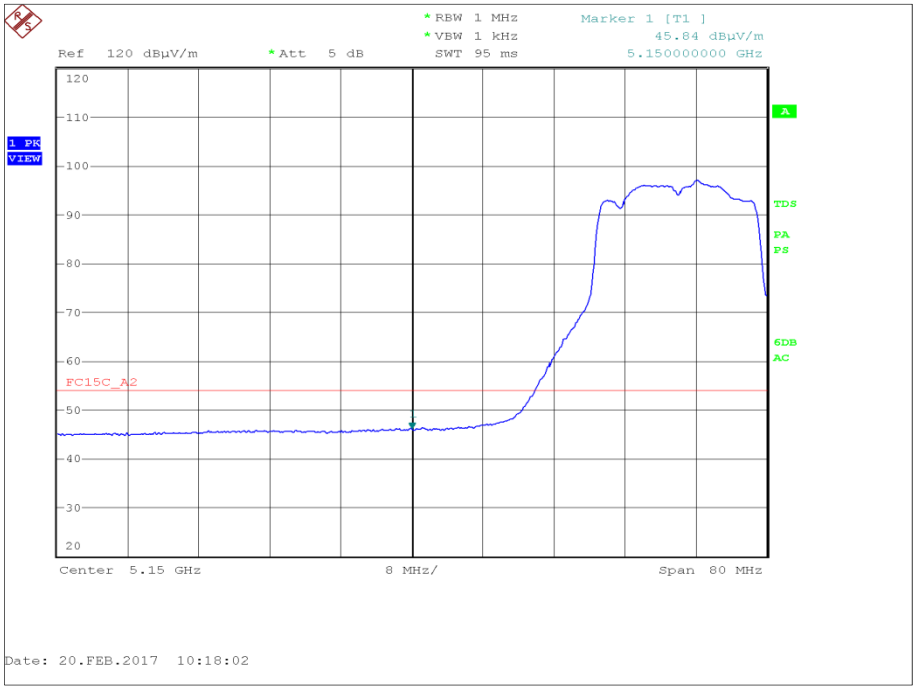

Figure 169 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

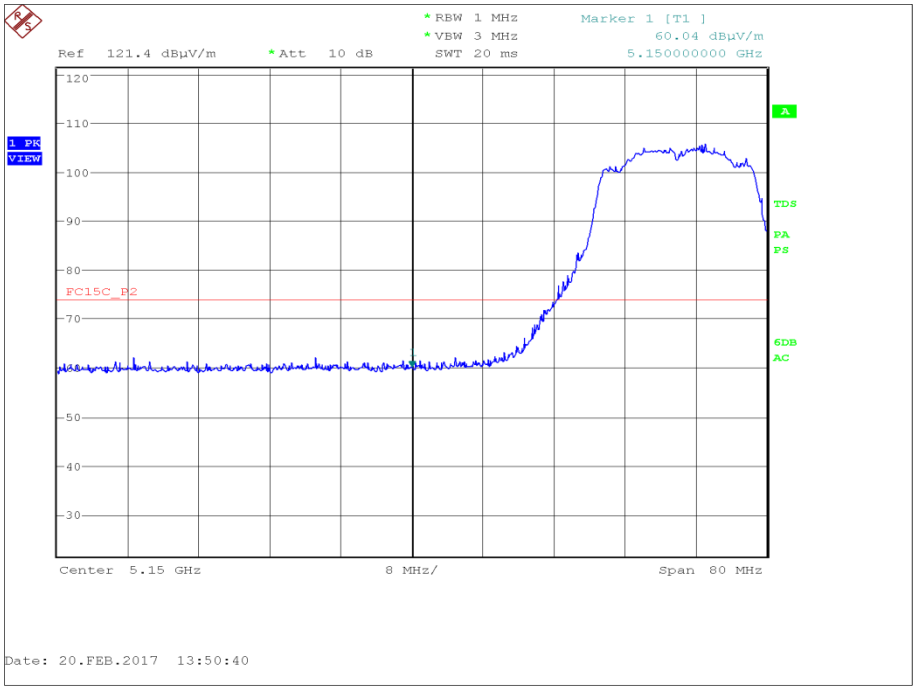

Figure 170 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

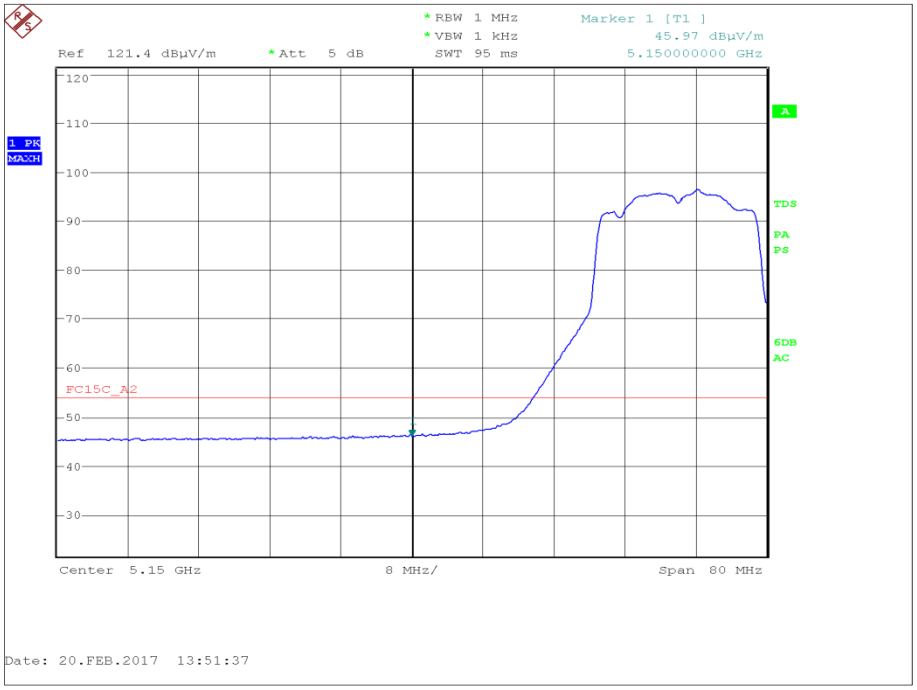

Figure 171 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS0	5180	5350	62.46	46.53
Widest Emission Bandwidth	MCS2	5180	5350	61.60	49.43

Table 118 - U-NII 2a - Restricted Band Edge Results

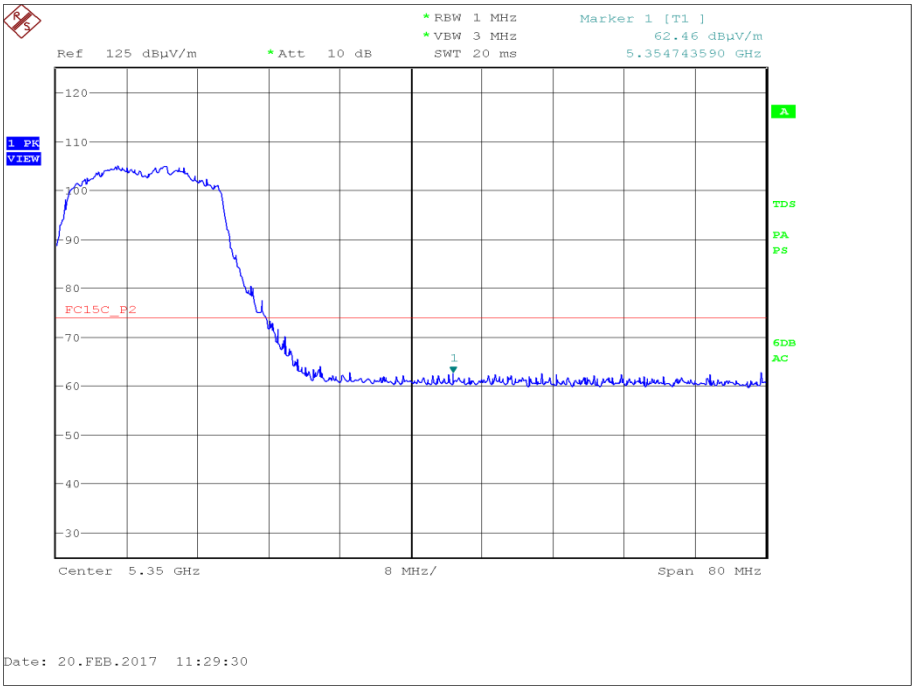

Figure 172 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

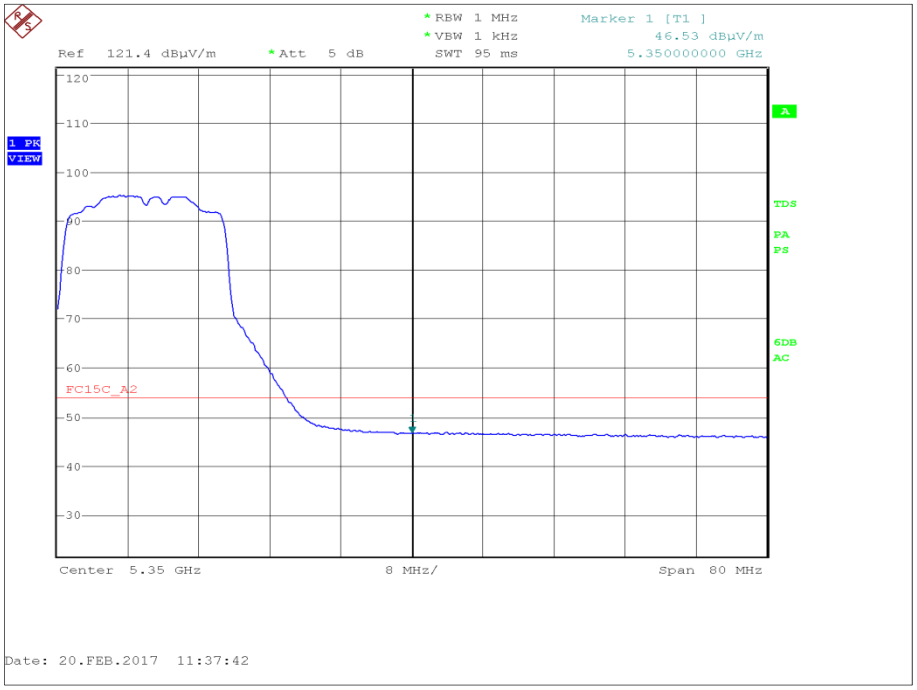

Figure 173 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

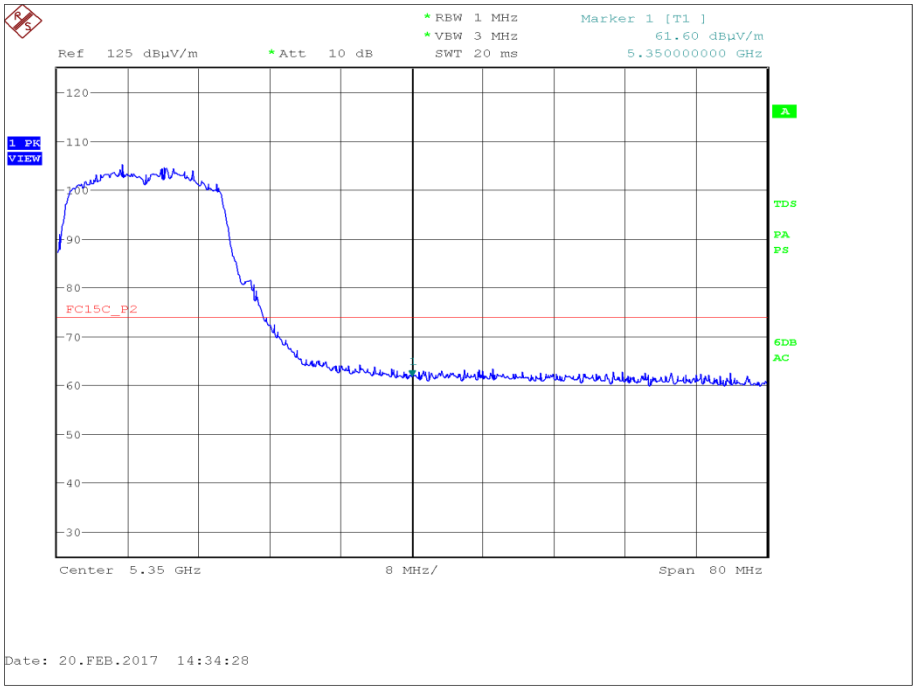

Figure 174 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

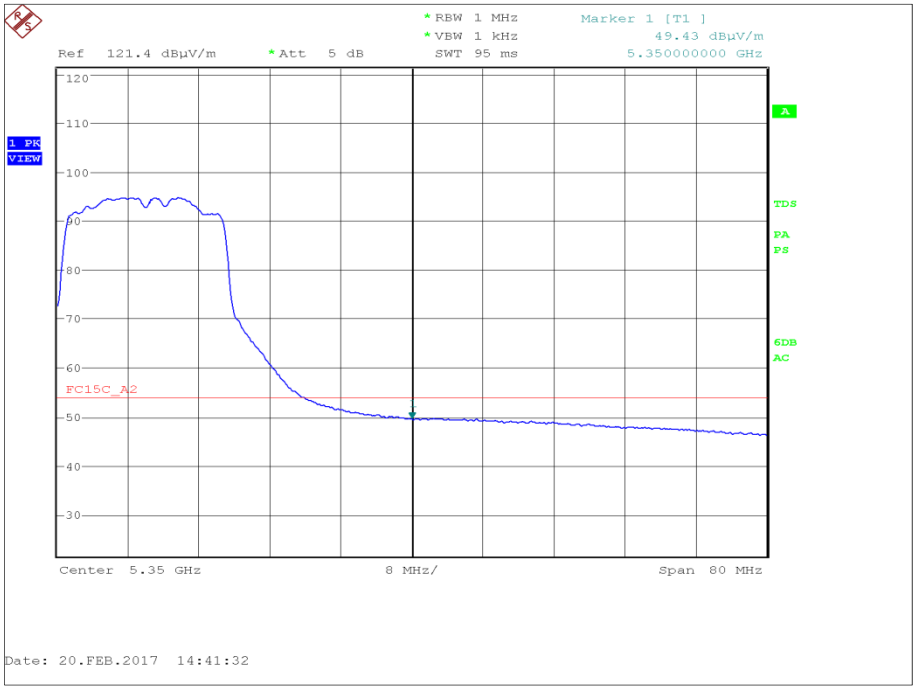

Figure 175 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS0	5180	5350	62.46	46.53
Widest Emission Bandwidth	MCS2	5180	5350	61.60	49.43

Table 119 - U-NII 2c- Restricted Band Edge Results

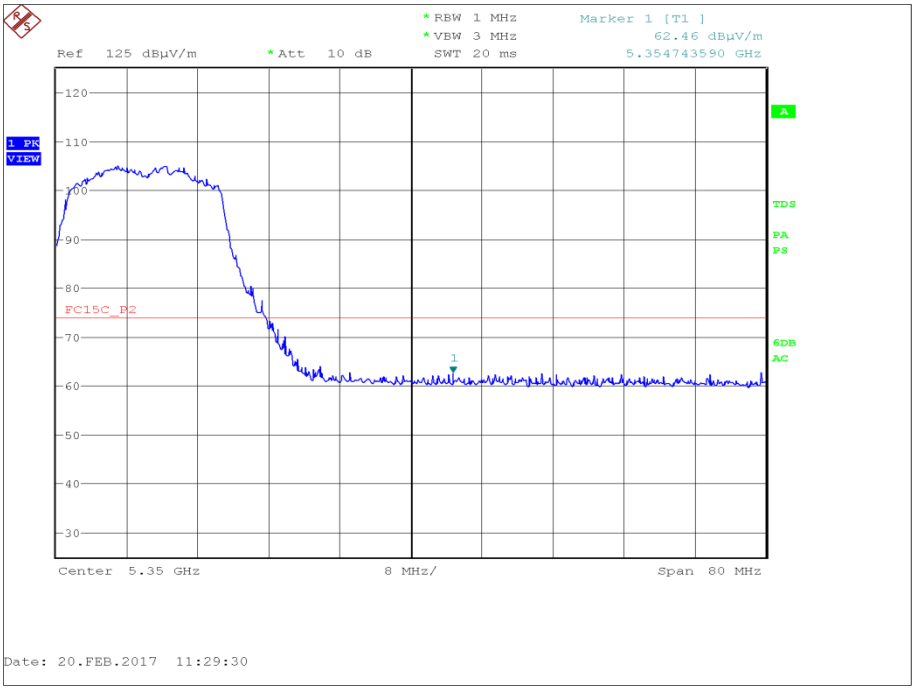

Figure 176 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

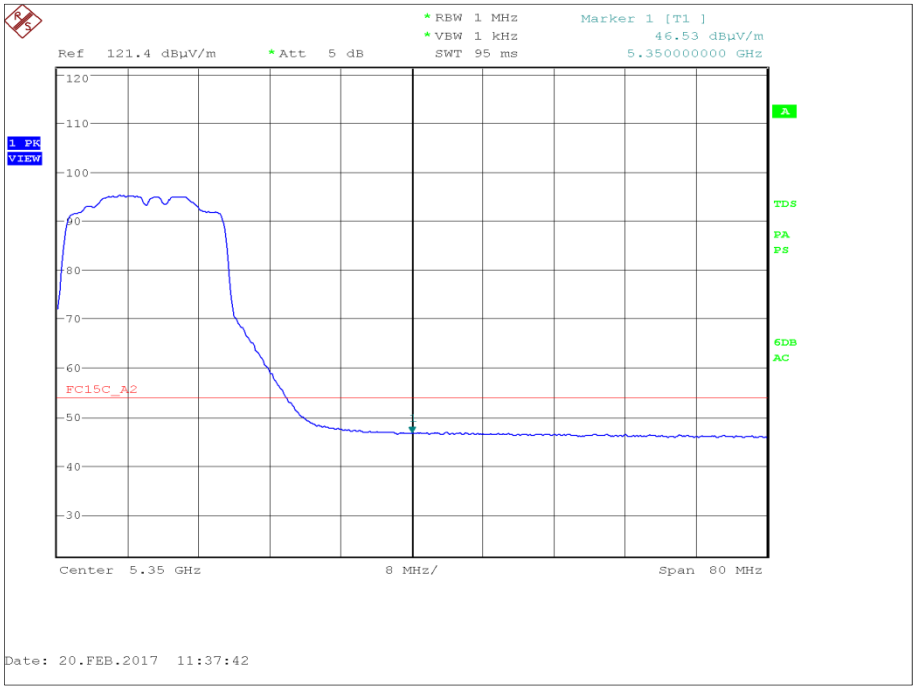

Figure 177 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

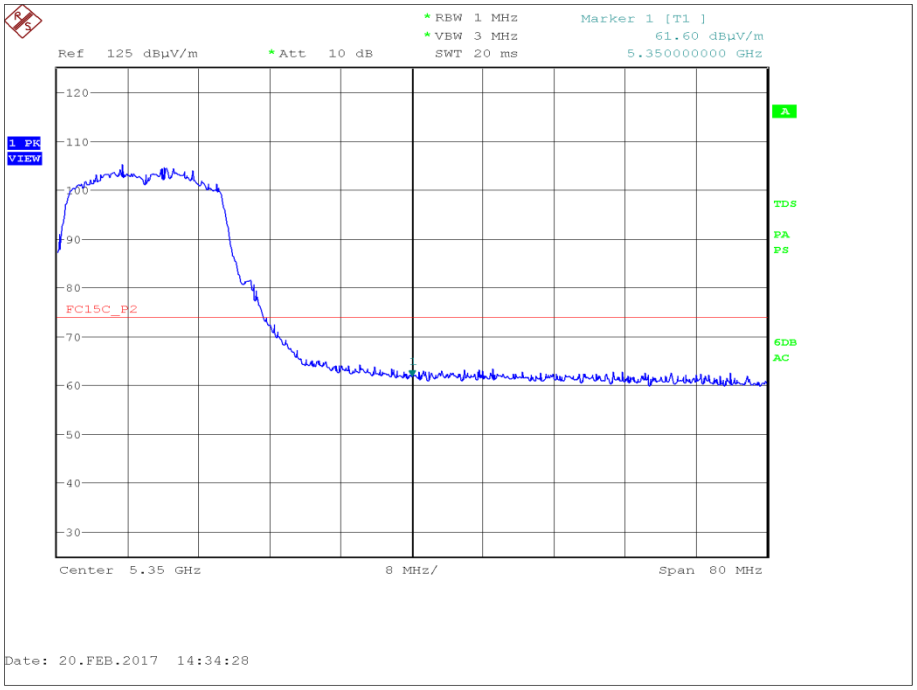

Figure 178 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

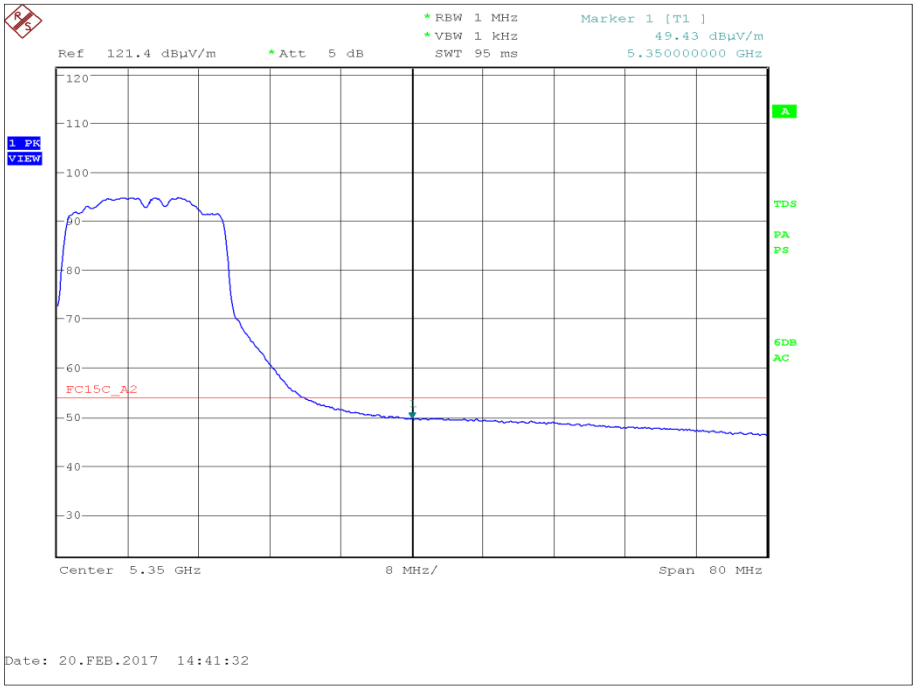

Figure 179 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

FCC 47 CFR Part 15E, Limit Clause 15.205

	Peak (dBµV/m)	Average (dBµV/m)
Restricted Bands of Operation	74	54

Table 120

802.11ac (40 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS6	5190	5150	65.47	47.99
Widest Emission Bandwidth	MCS0	5190	5150	64.69	51.22

Table 121 - U-NII 1 - Restricted Band Edge Results

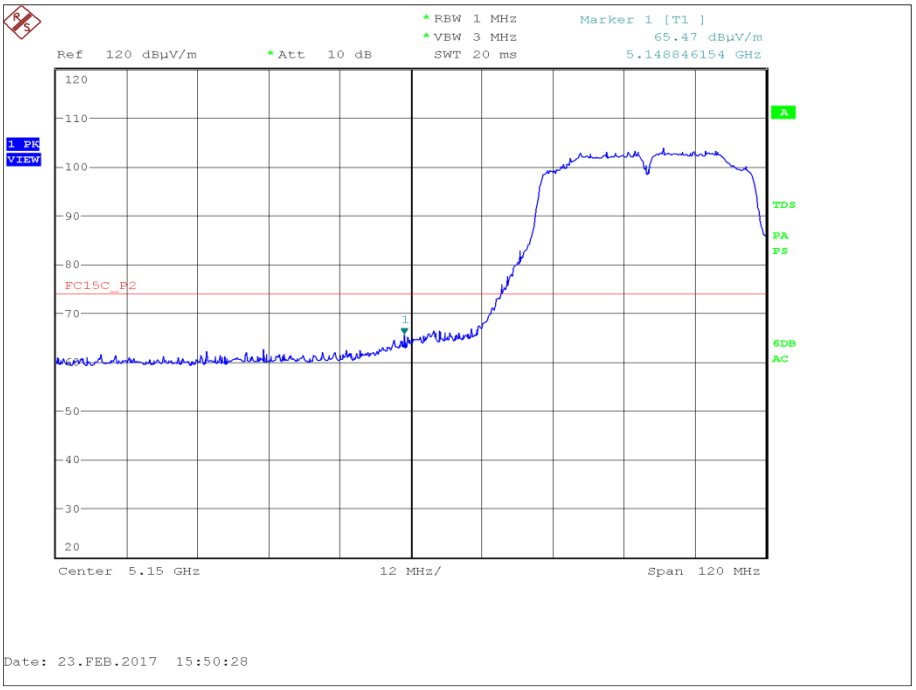

Figure 180 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

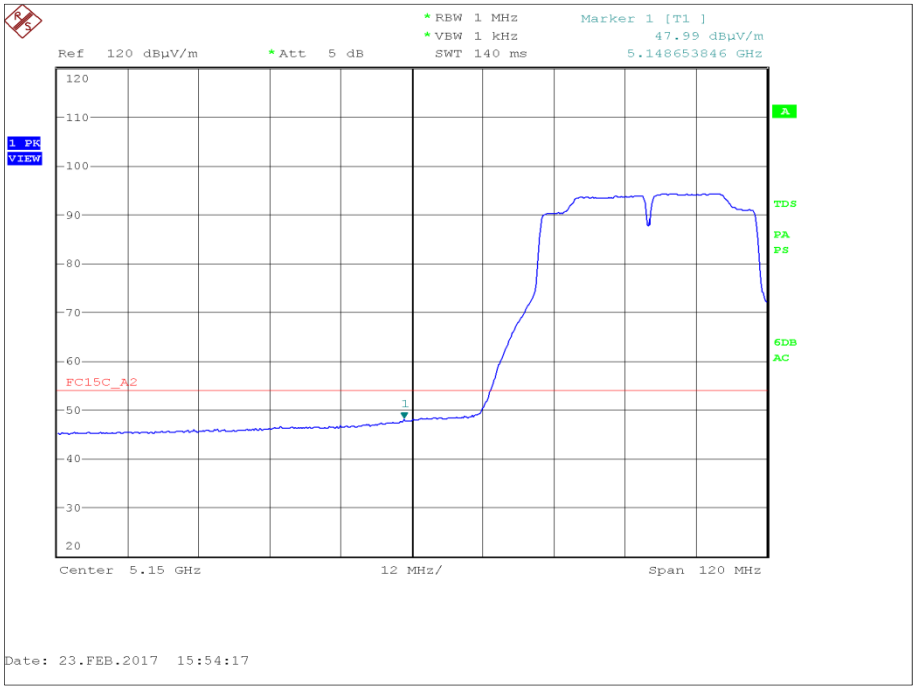

Figure 181 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

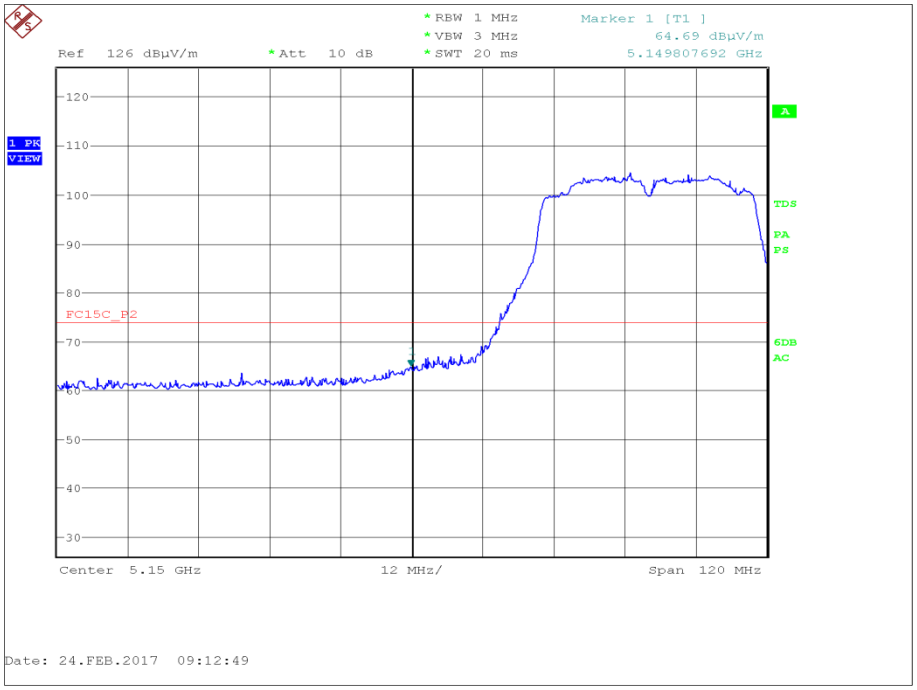

Figure 182 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

Figure 183 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS6	5190	5350	63.91	50.46
Widest Emission Bandwidth	MCS0	5190	5350	63.57	48.54

Table 122 - U-NII 2a - Restricted Band Edge Results

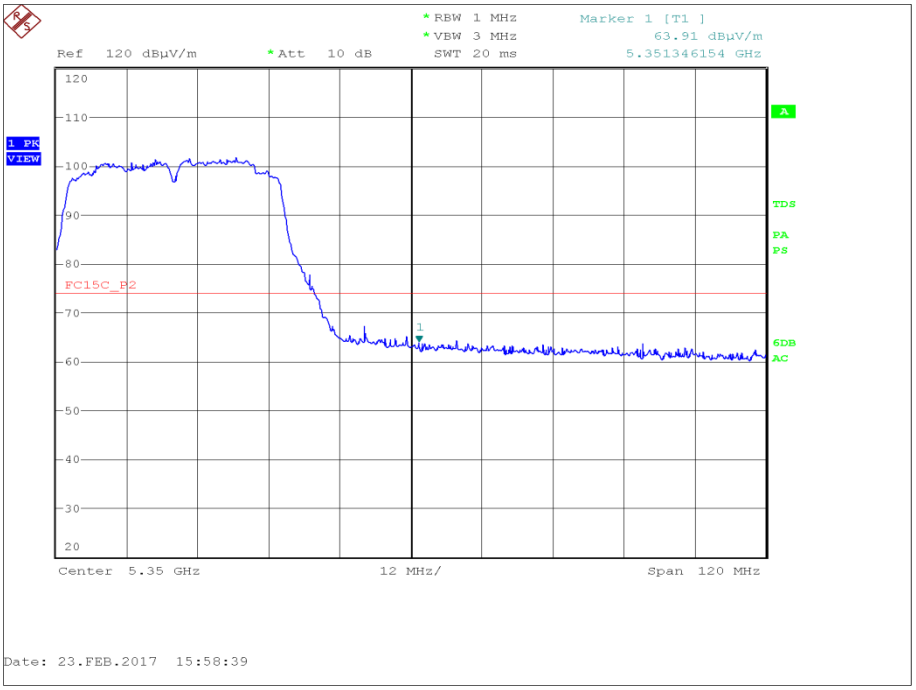

Figure 184 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

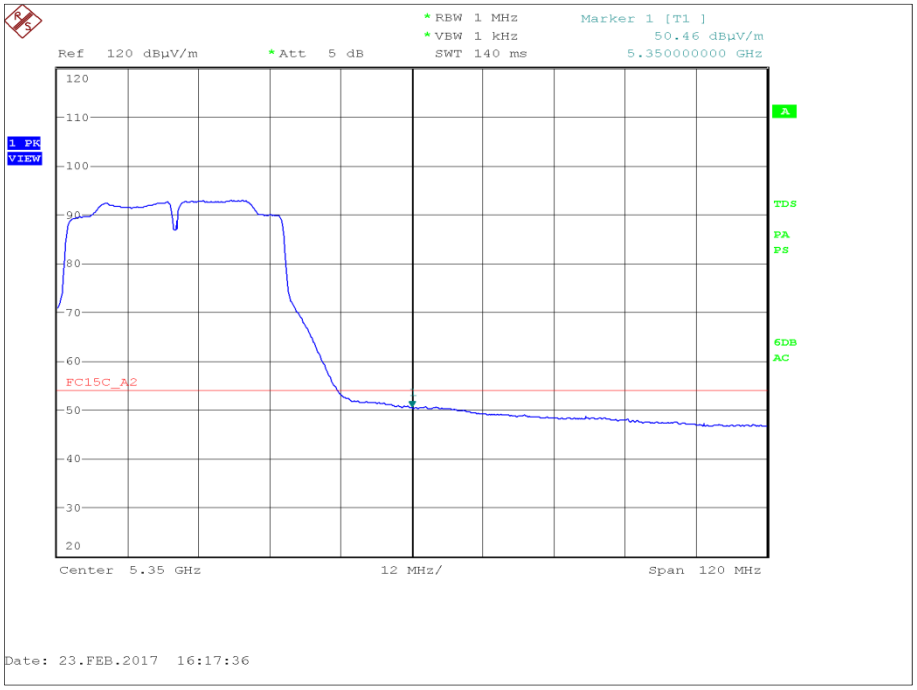

Figure 185 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

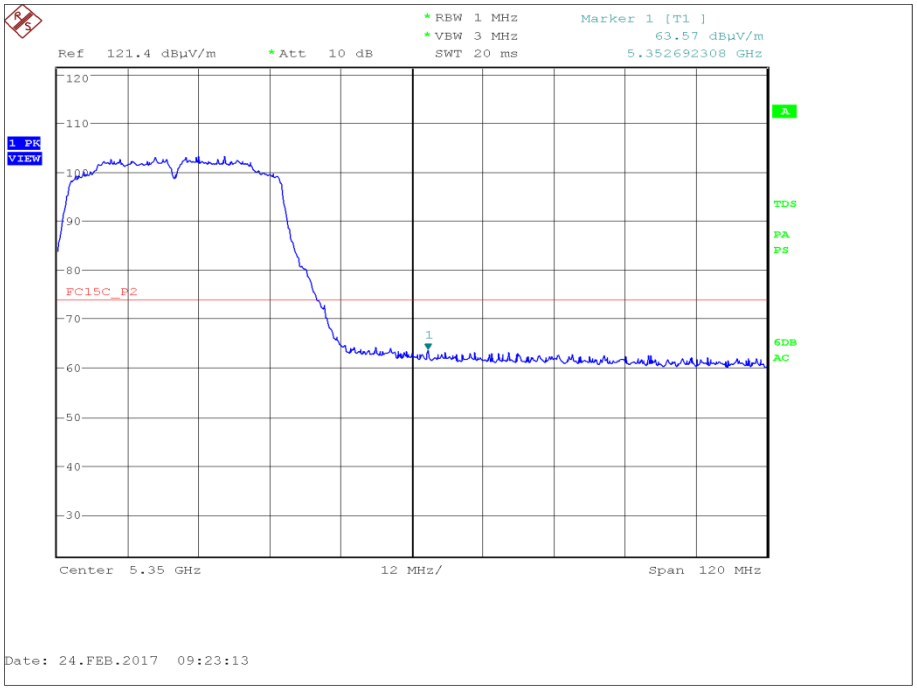

Figure 186 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

Figure 187 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS6	5190	5350	63.91	50.46
Widest Emission Bandwidth	MCS0	5190	5350	63.57	48.54

Table 123 - U-NII 2c- Restricted Band Edge Results

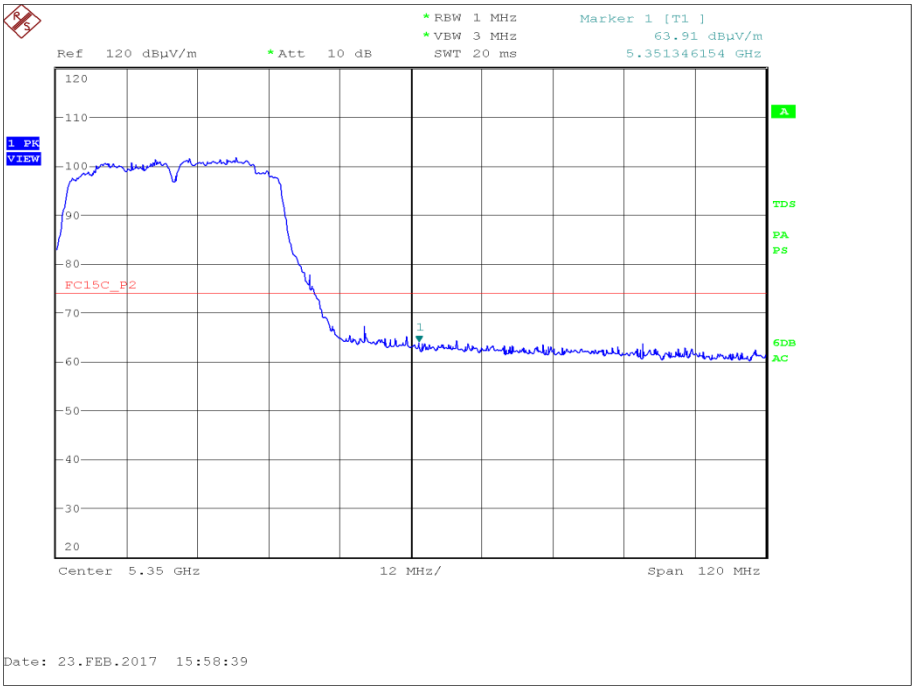

Figure 188 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

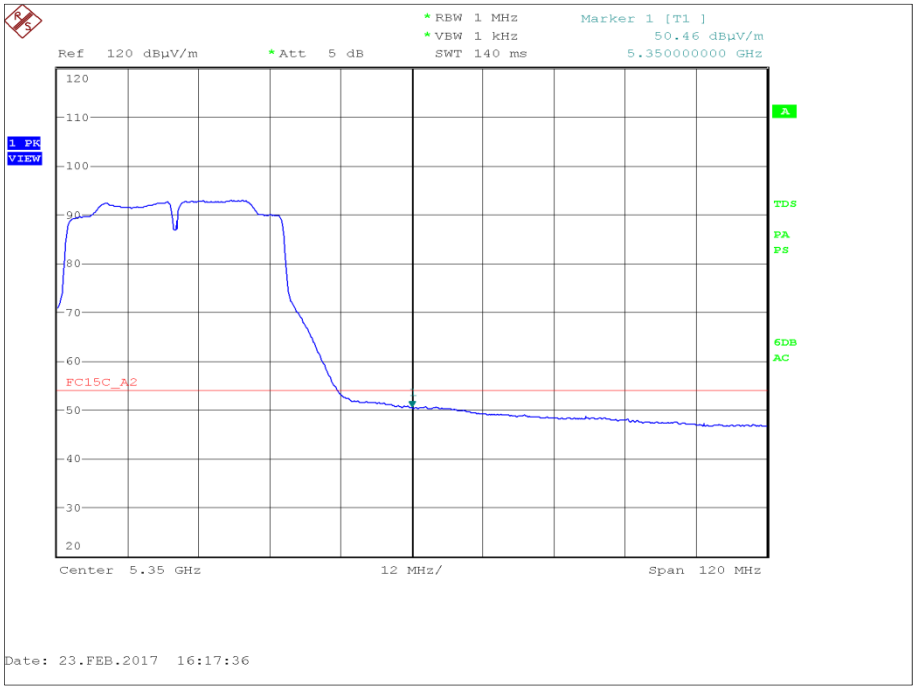

Figure 189 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

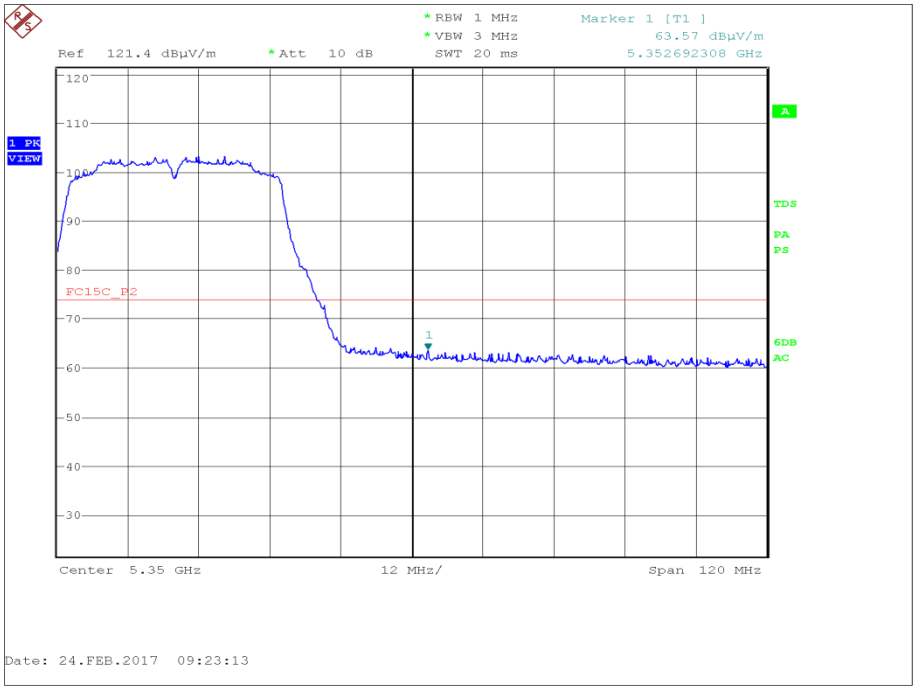

Figure 190 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

Figure 191 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

FCC 47 CFR Part 15E, Limit Clause 15.205

	Peak (dBµV/m)	Average (dBµV/m)
Restricted Bands of Operation	74	54

Table 124

802.11ac (80 MHz Bandwidth)

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS6	5210	5150	62.84	48.51
Widest Emission Bandwidth	MCS0	5210	5150	61.83	46.50

Table 125 - U-NII 1 - Restricted Band Edge Results

Figure 192 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

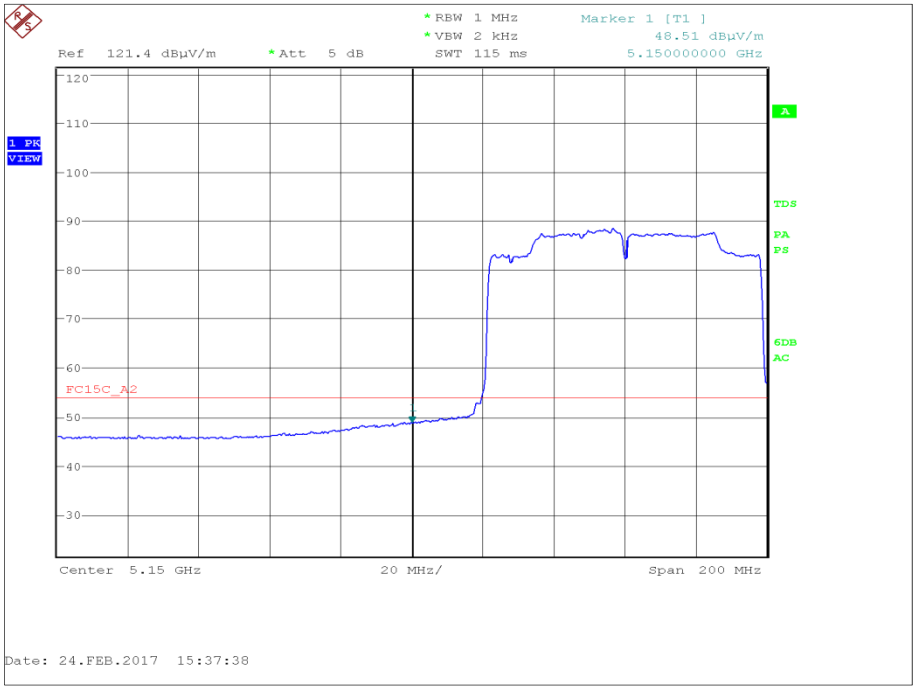

Figure 193 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

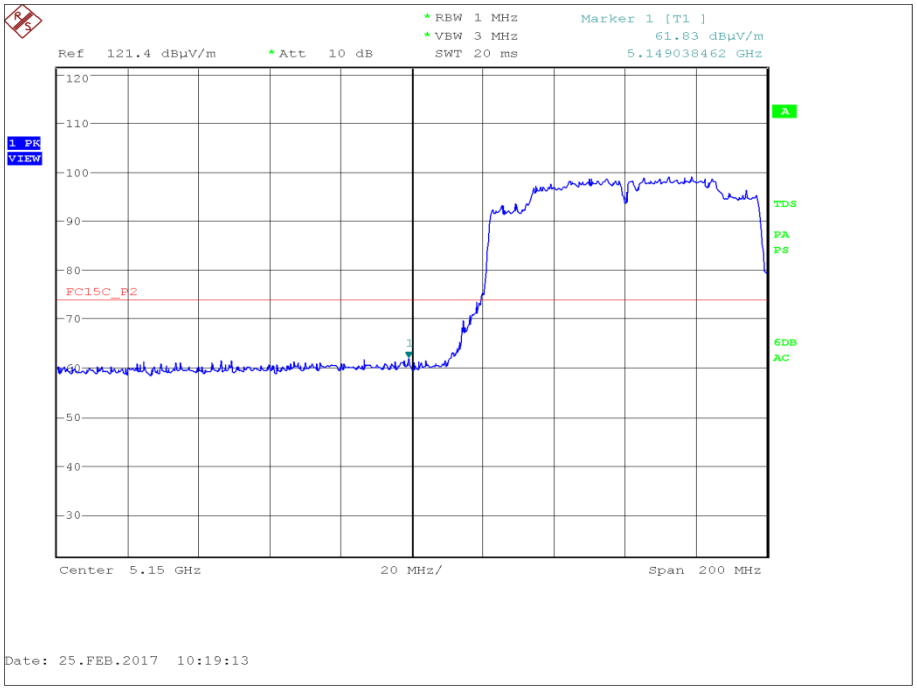

Figure 194 - U-NII 1 - Restricted Band Edge at 5150 MHz - Peak

Figure 195 - U-NII 1 - Restricted Band Edge at 5150 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS6	5210	5350	62.80	47.84
Widest Emission Bandwidth	MCS0	5210	5350	62.21	47.32

Table 126 - U-NII 2a - Restricted Band Edge Results

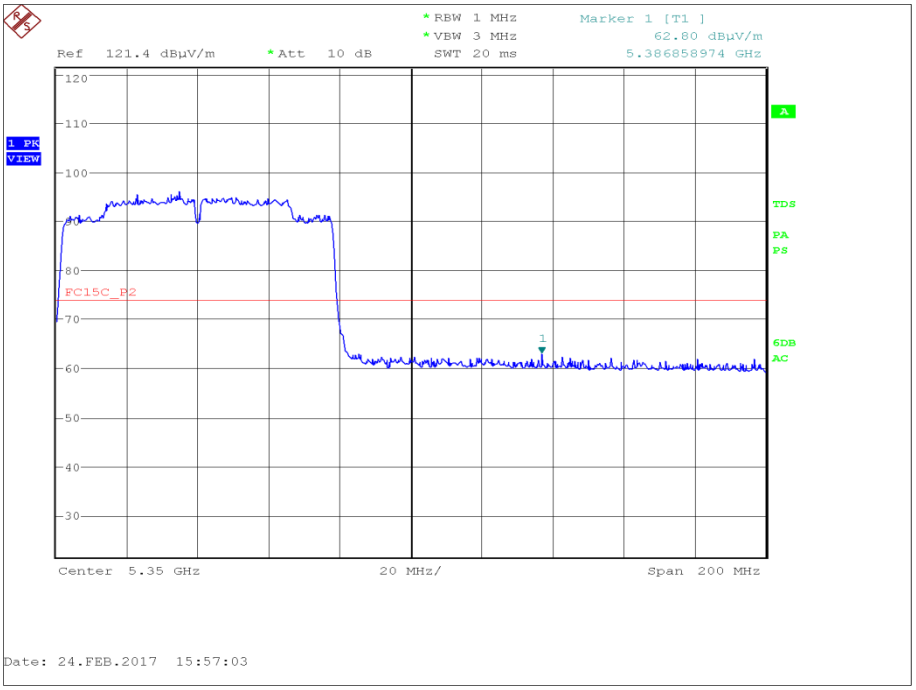

Figure 196 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

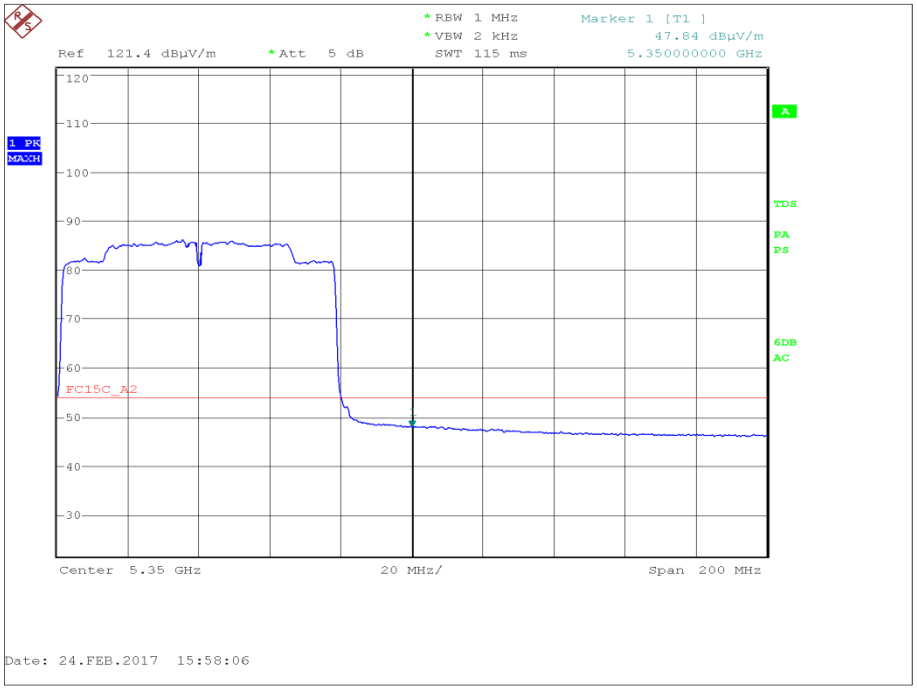

Figure 197 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

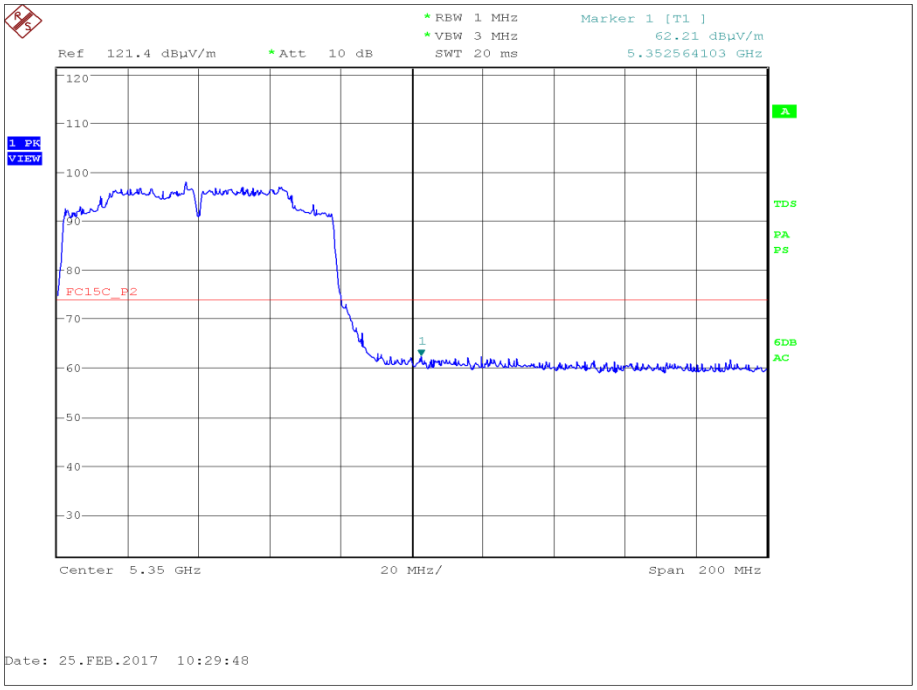

Figure 198 - U-NII 2a - Restricted Band Edge at 5350 MHz - Peak

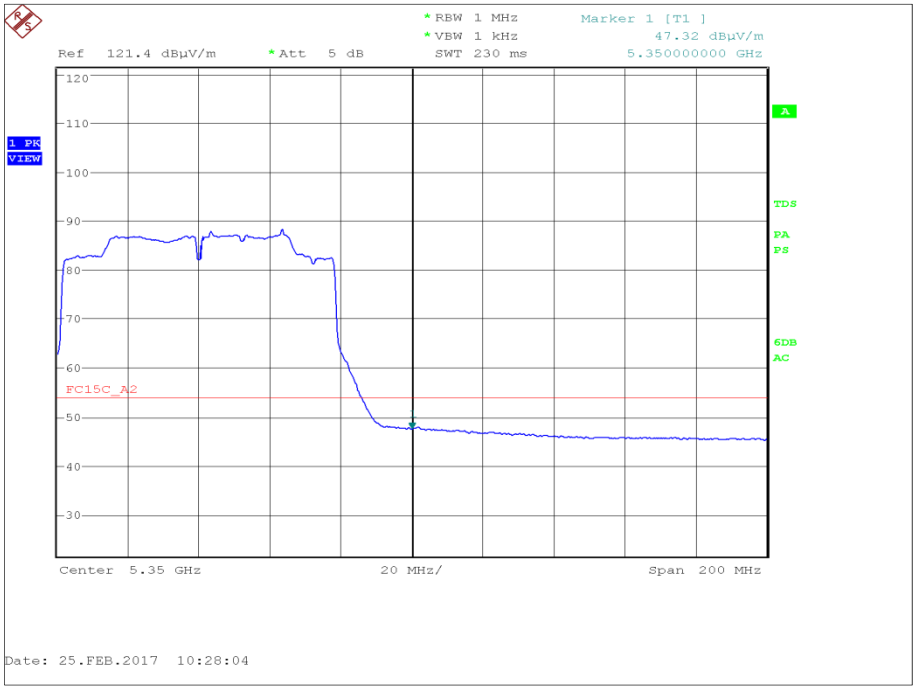

Figure 199 - U-NII 2a - Restricted Band Edge at 5350 MHz - Average

Measurement Configuration	Data Rate/MCS	Transmitter Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Highest Conducted Power	MCS6	5210	5350	62.80	47.84
Widest Emission Bandwidth	MCS0	5210	5350	62.21	47.32

Table 127 - U-NII 2c- Restricted Band Edge Results

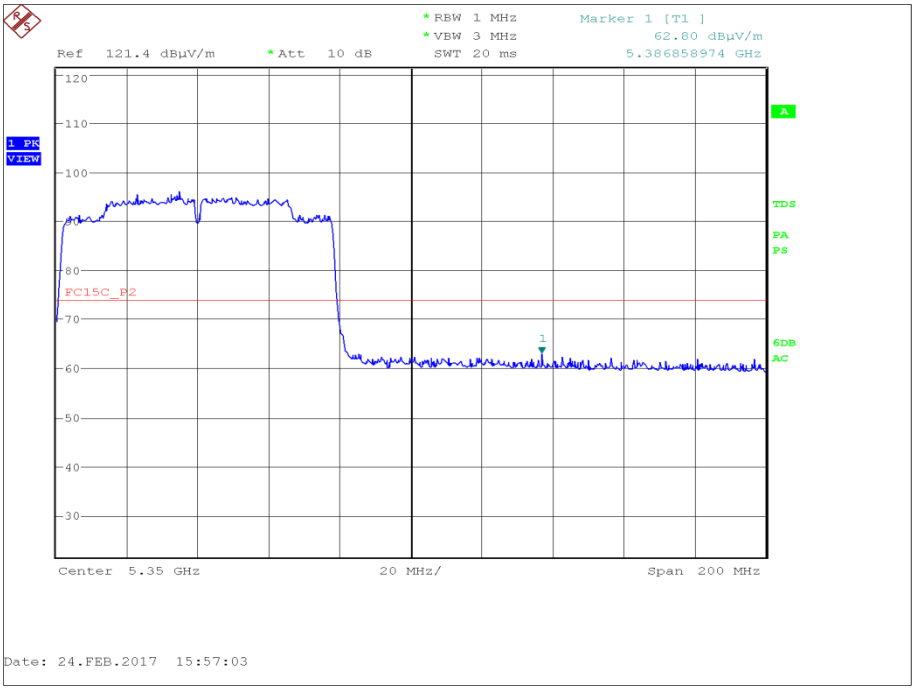

Figure 200 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak

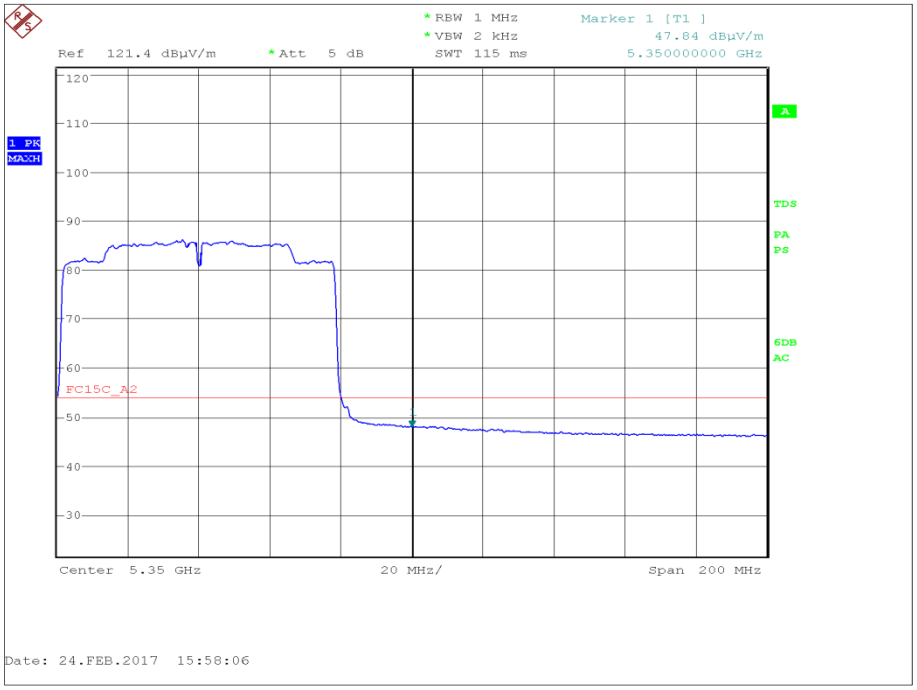

Figure 201 - U-NII 2c - Restricted Band Edge at 5350 MHz - Average

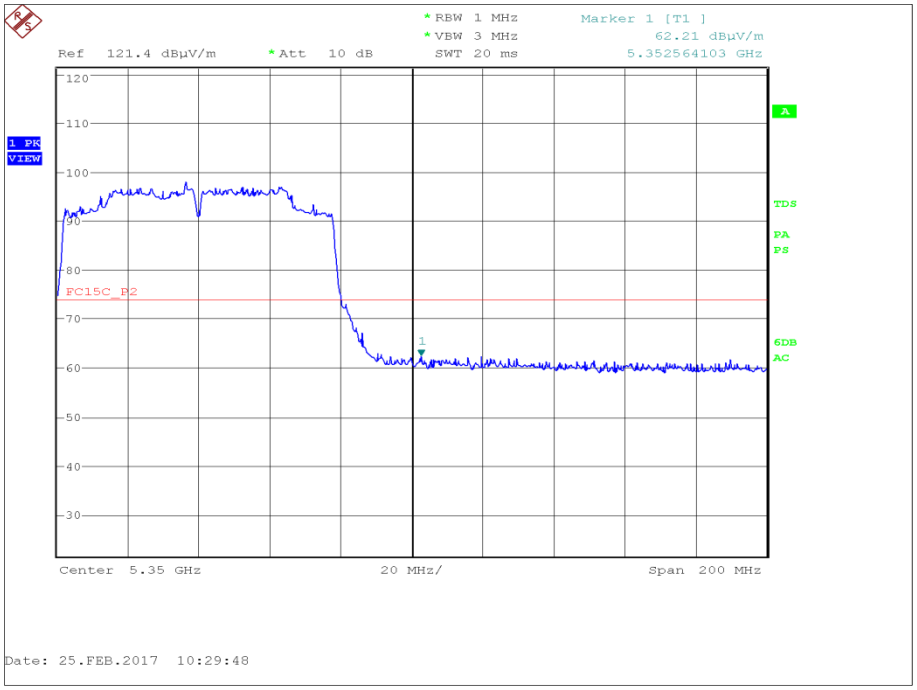

Figure 202 - U-NII 2c - Restricted Band Edge at 5350 MHz - Peak