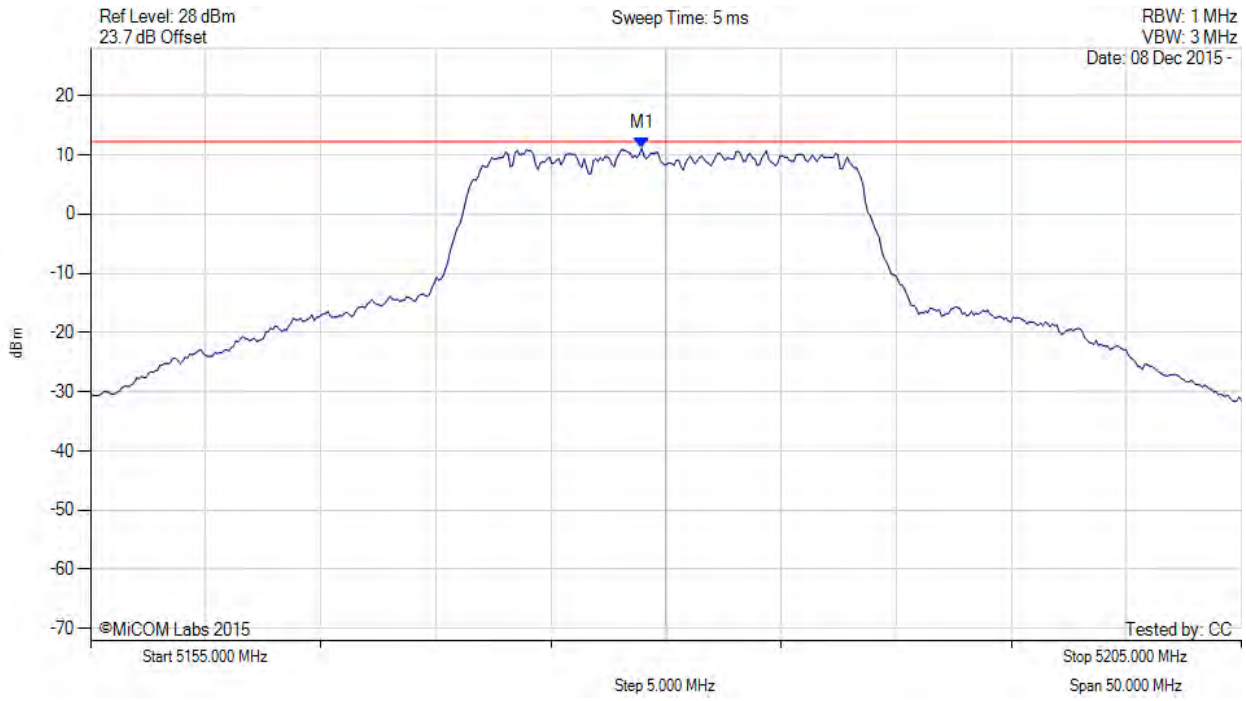
A.2. Power Spectral Density

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

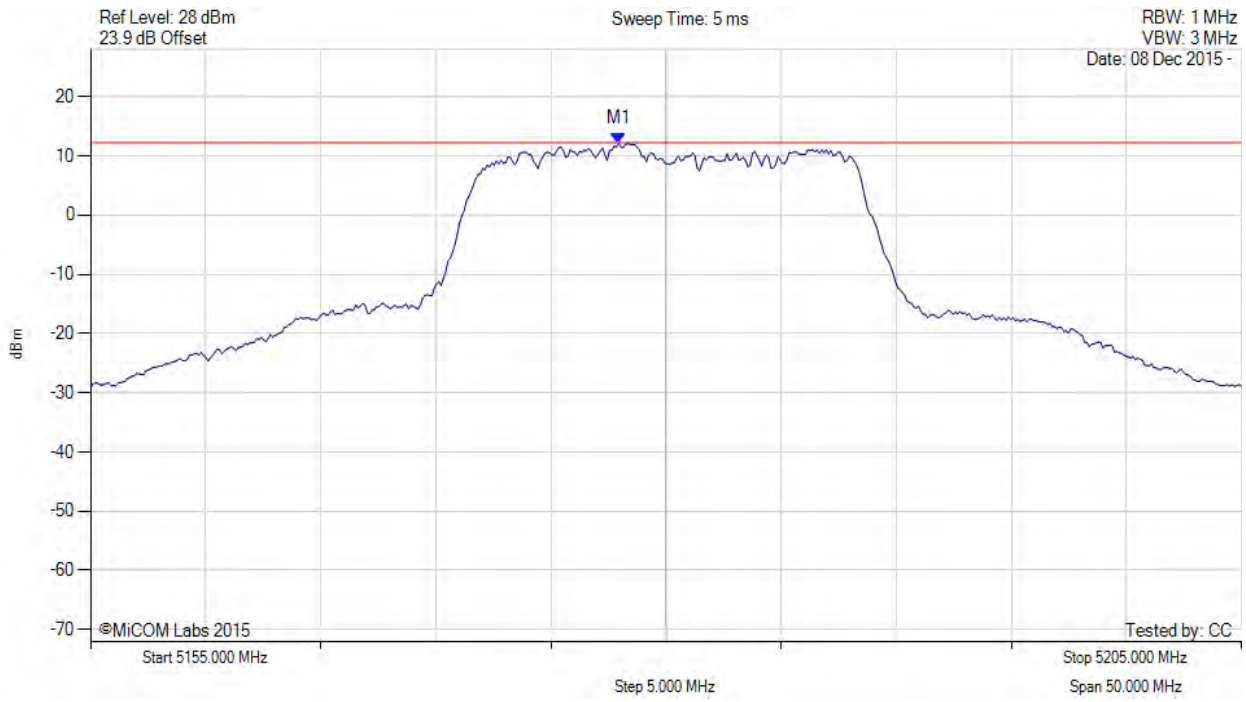


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5178.948 MHz : 11.105 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

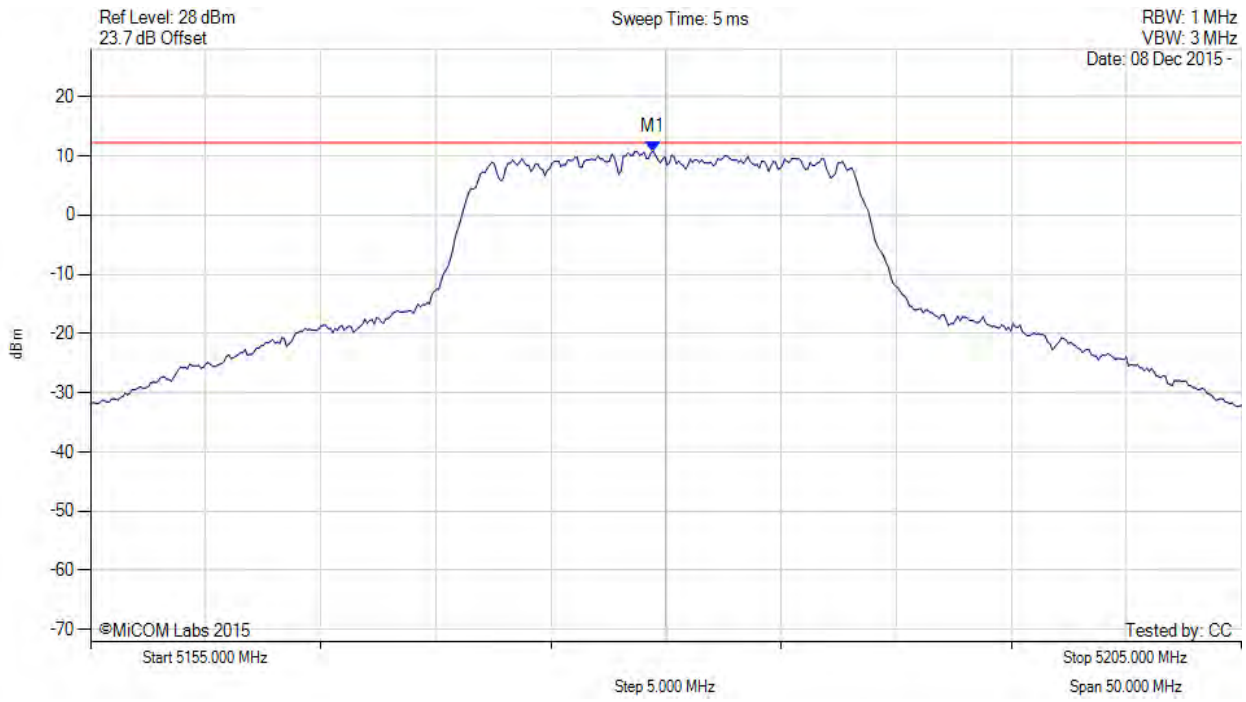


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5177.946 MHz : 12.068 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

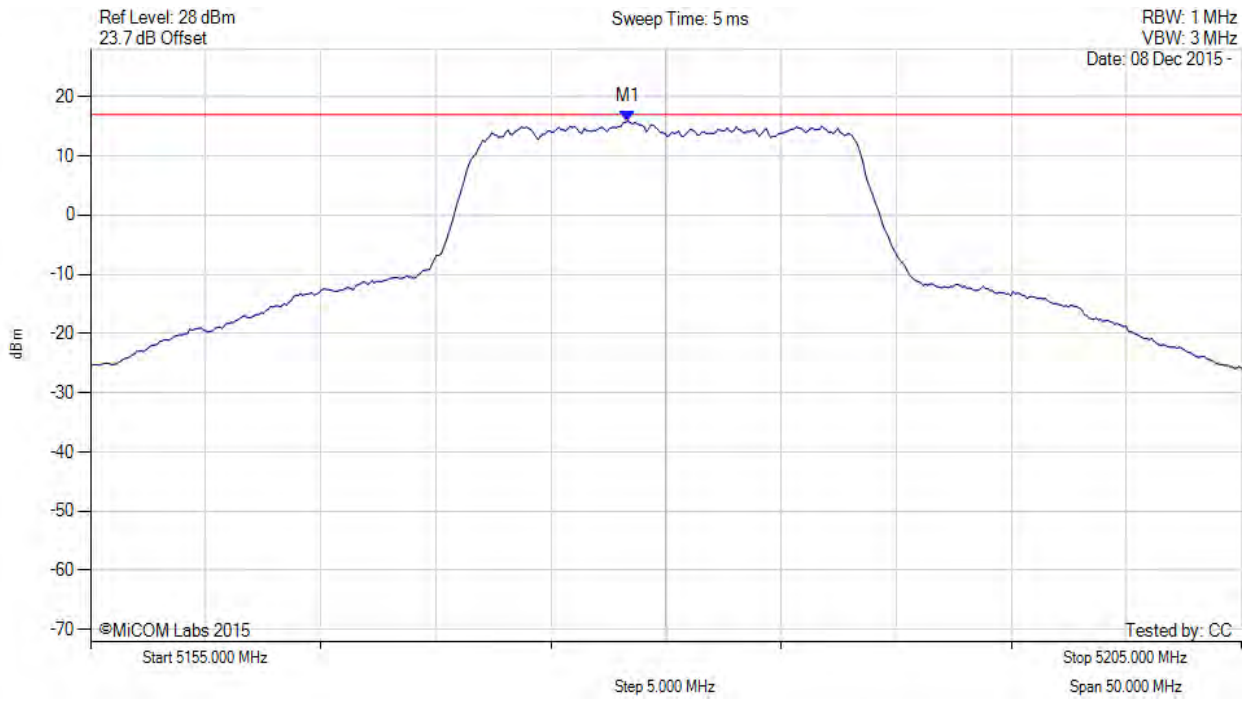


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5179.449 MHz : 10.751 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

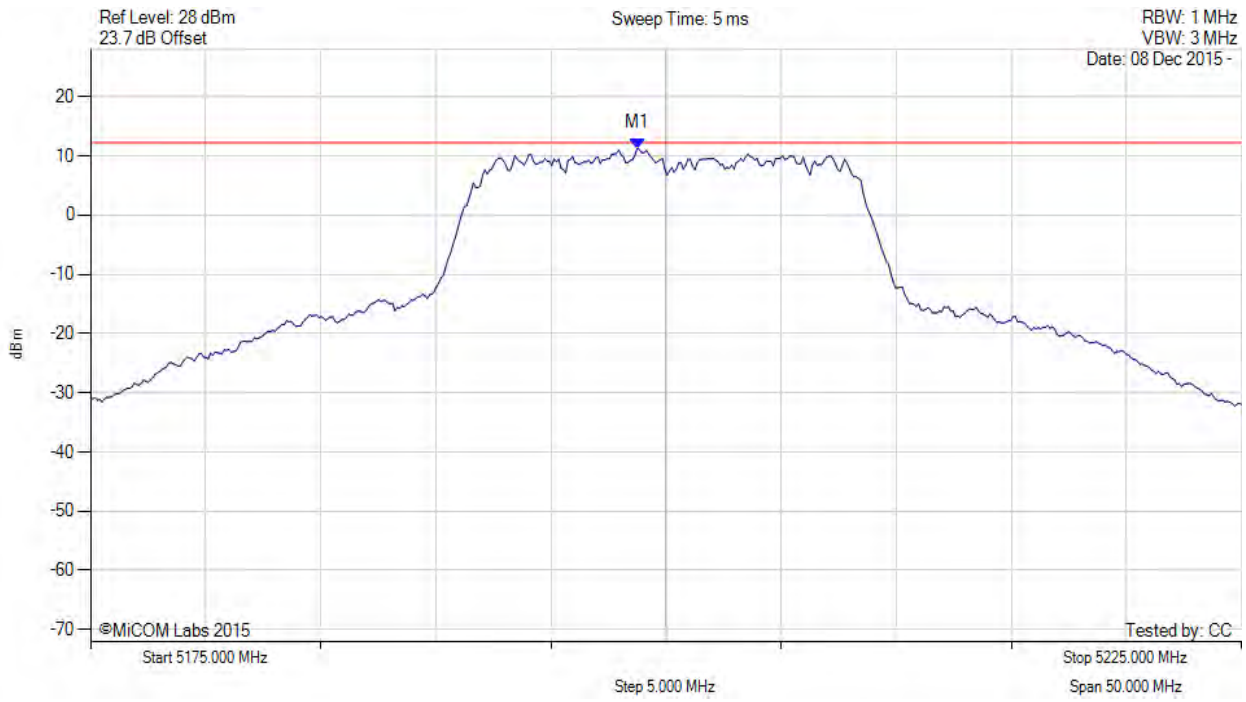


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5178.300 MHz : 15.850 dBm M1 + DCCF : 5178.300 MHz : 16.119 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.9 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

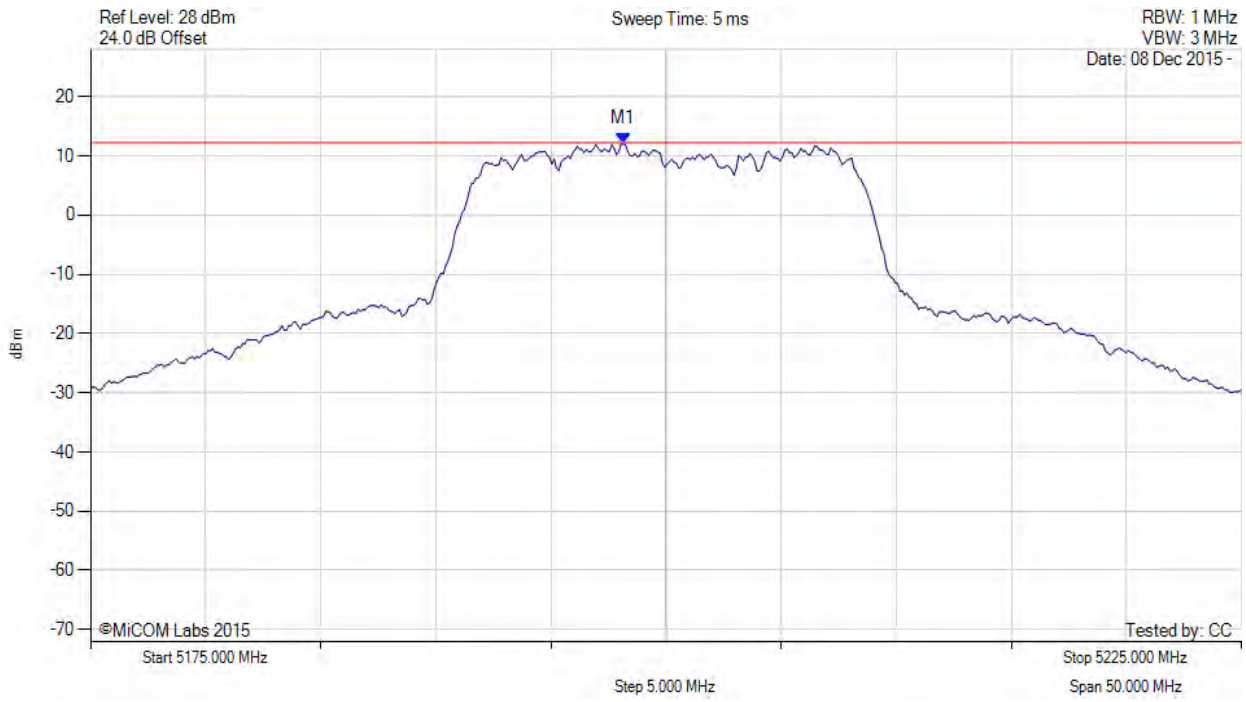


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5198.747 MHz : 11.258 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

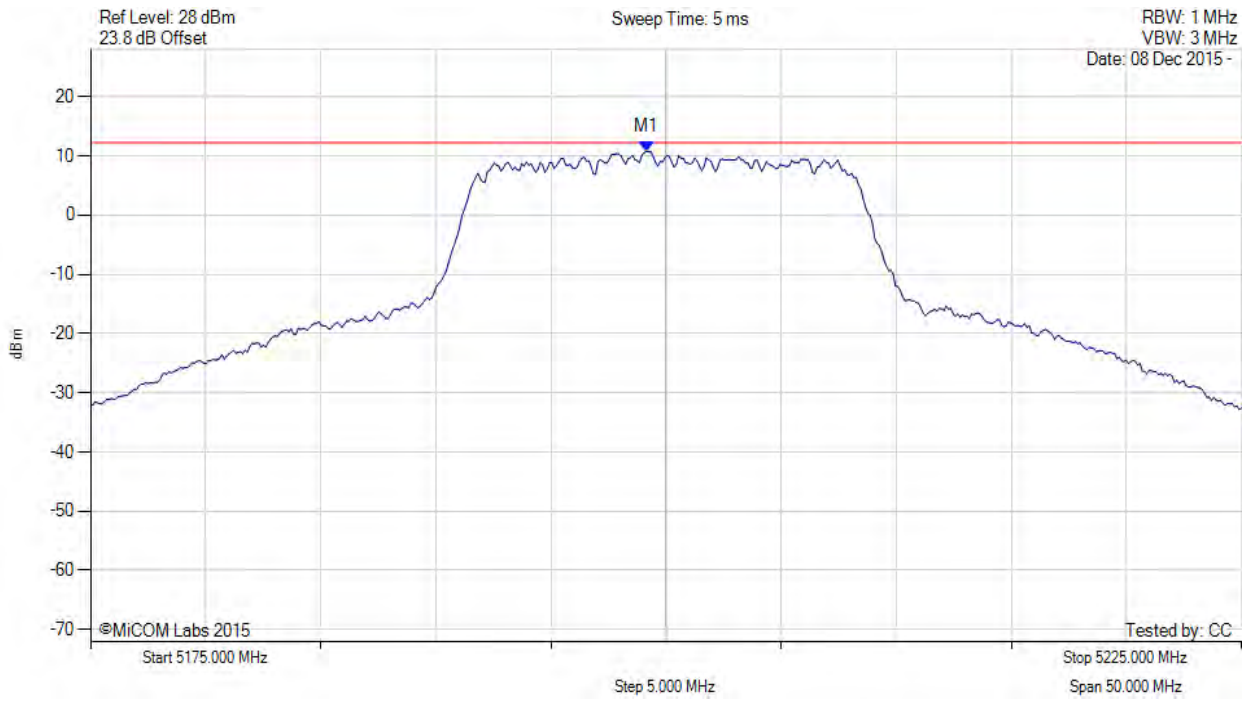


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5198.146 MHz : 12.048 dBm	Channel Frequency: 5200.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

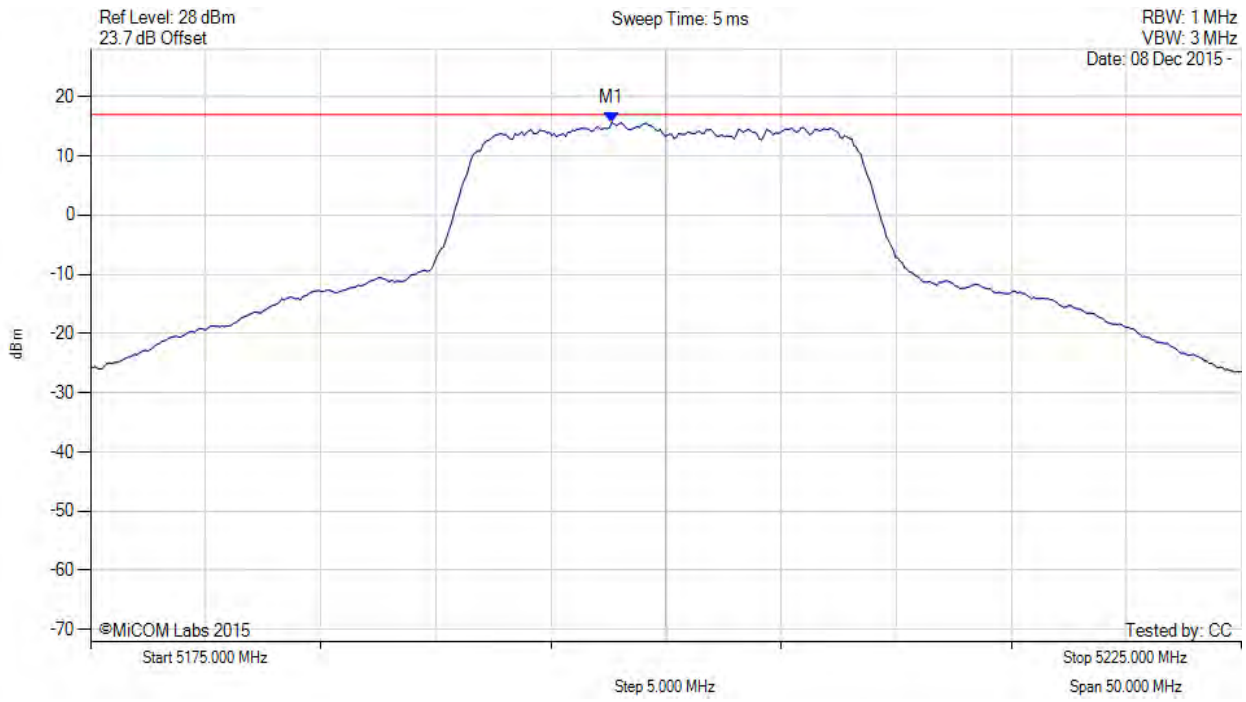


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5199.148 MHz : 10.766 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

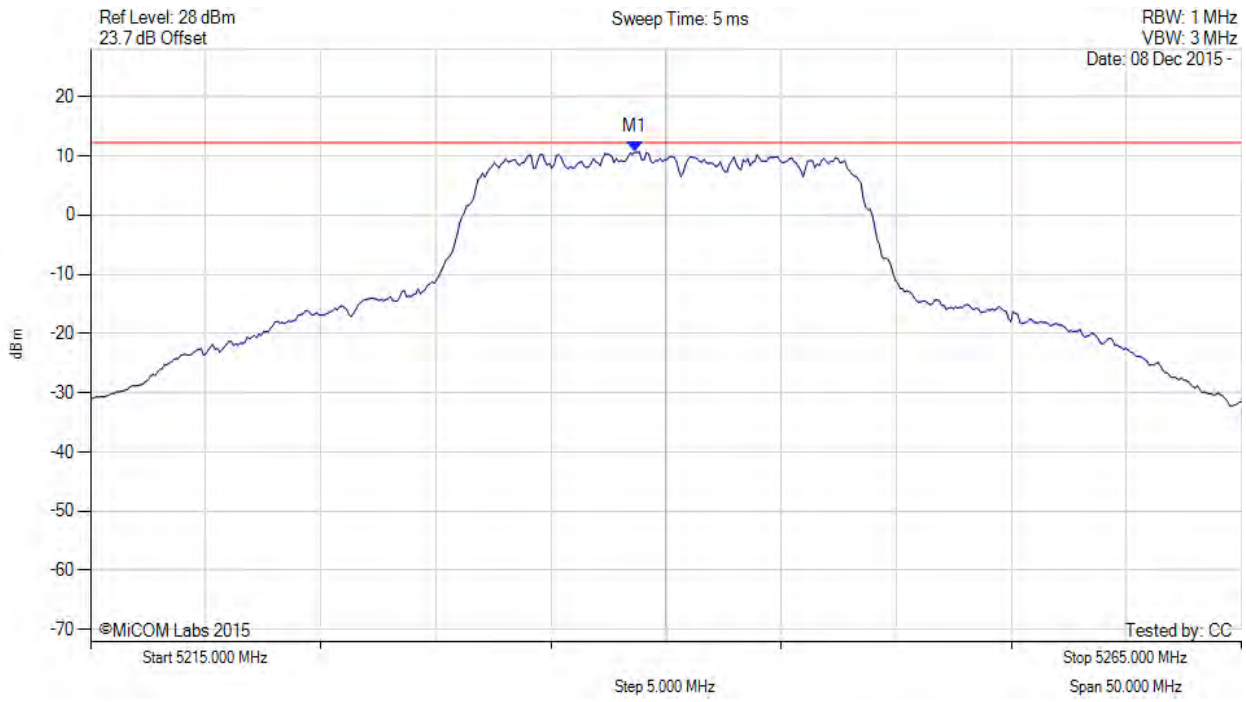


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5197.600 MHz : 15.638 dBm M1 + DCCF : 5197.600 MHz : 15.907 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -1.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

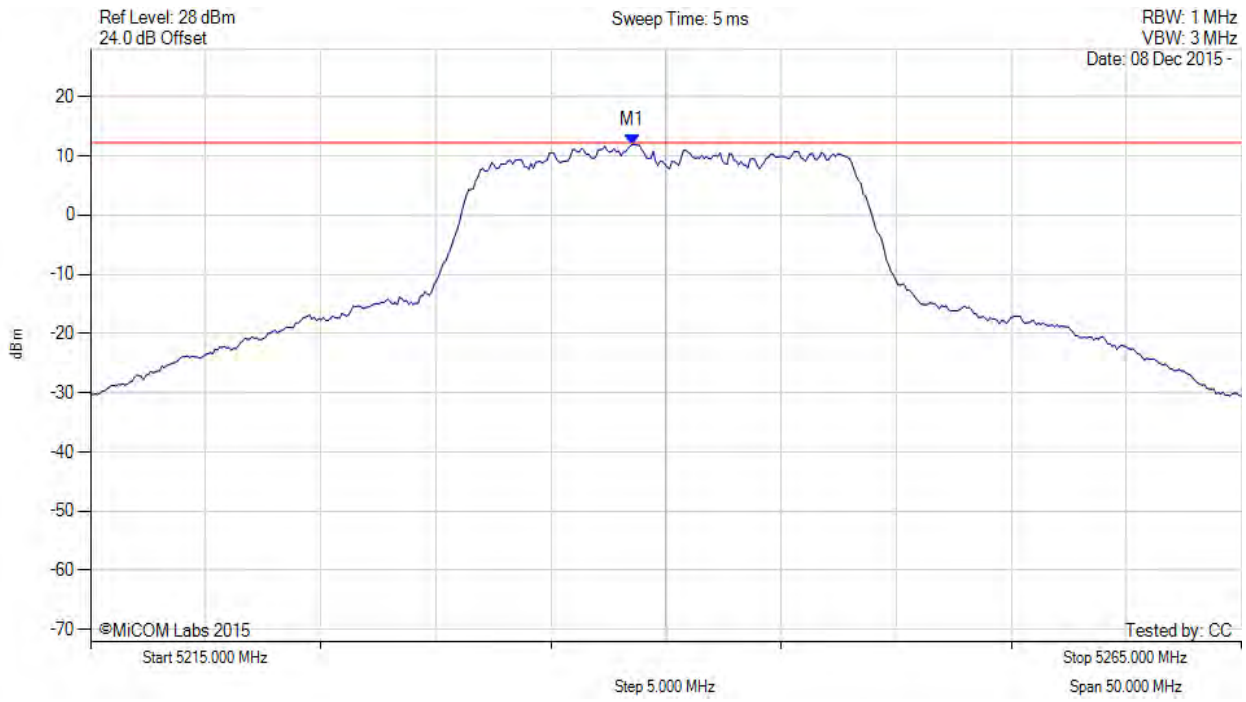


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.647 MHz : 10.630 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

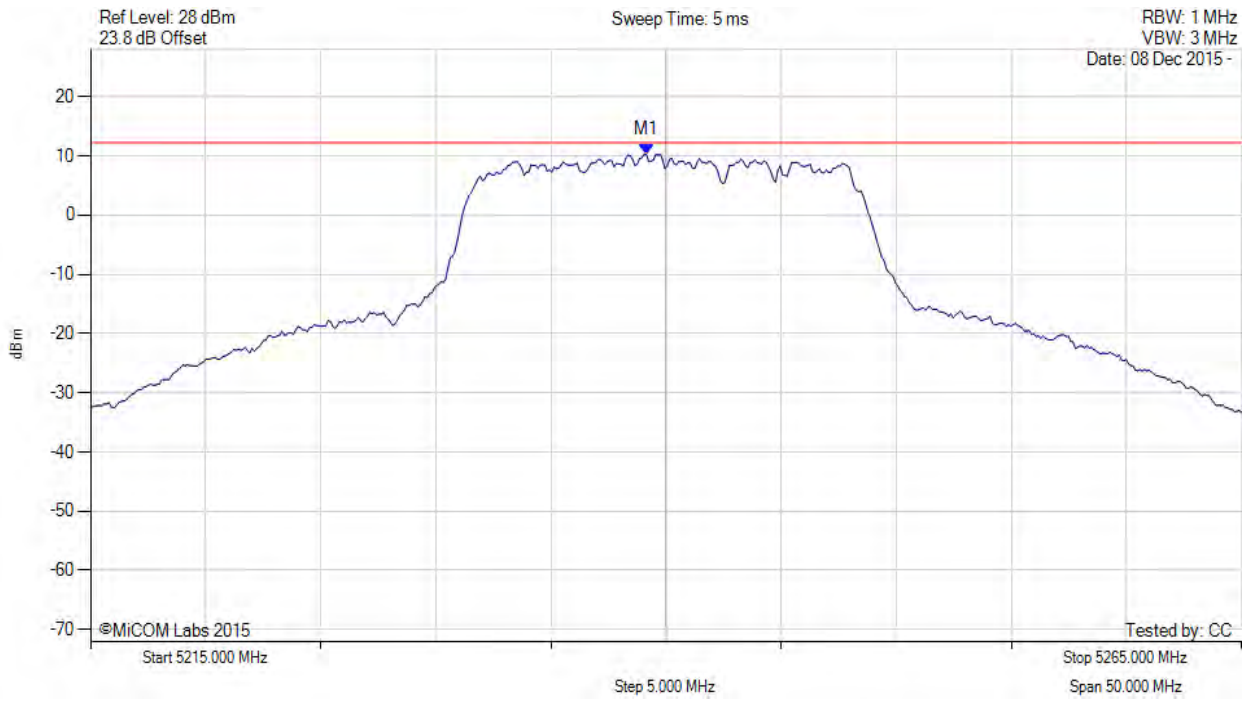


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.547 MHz : 11.908 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

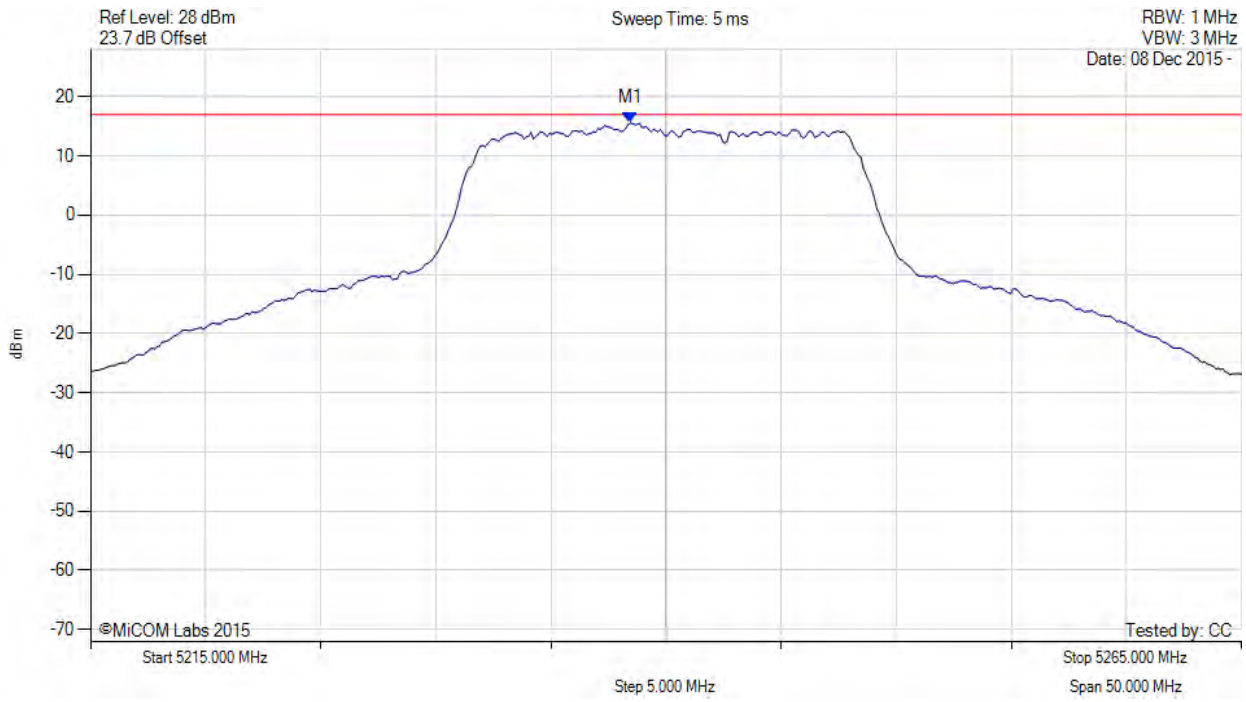


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5239.148 MHz : 10.247 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

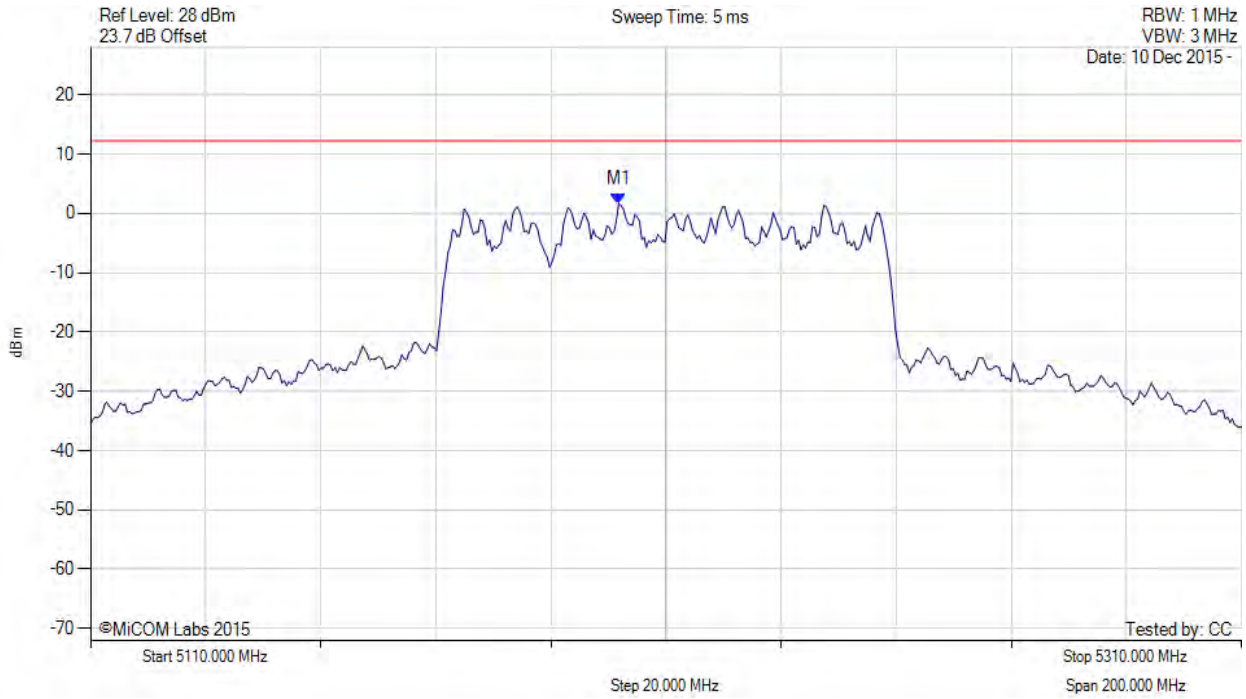


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.400 MHz : 15.560 dBm M1 + DCCF : 5238.400 MHz : 15.829 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -1.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

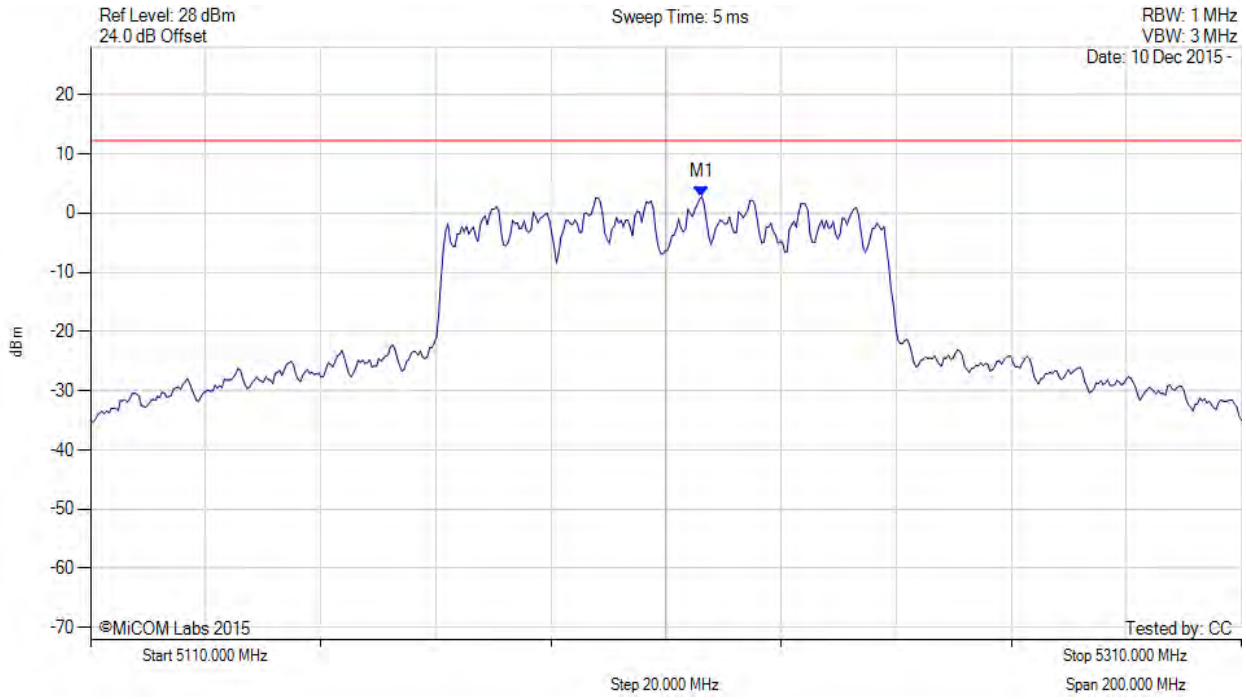


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5201.784 MHz : 1.660 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

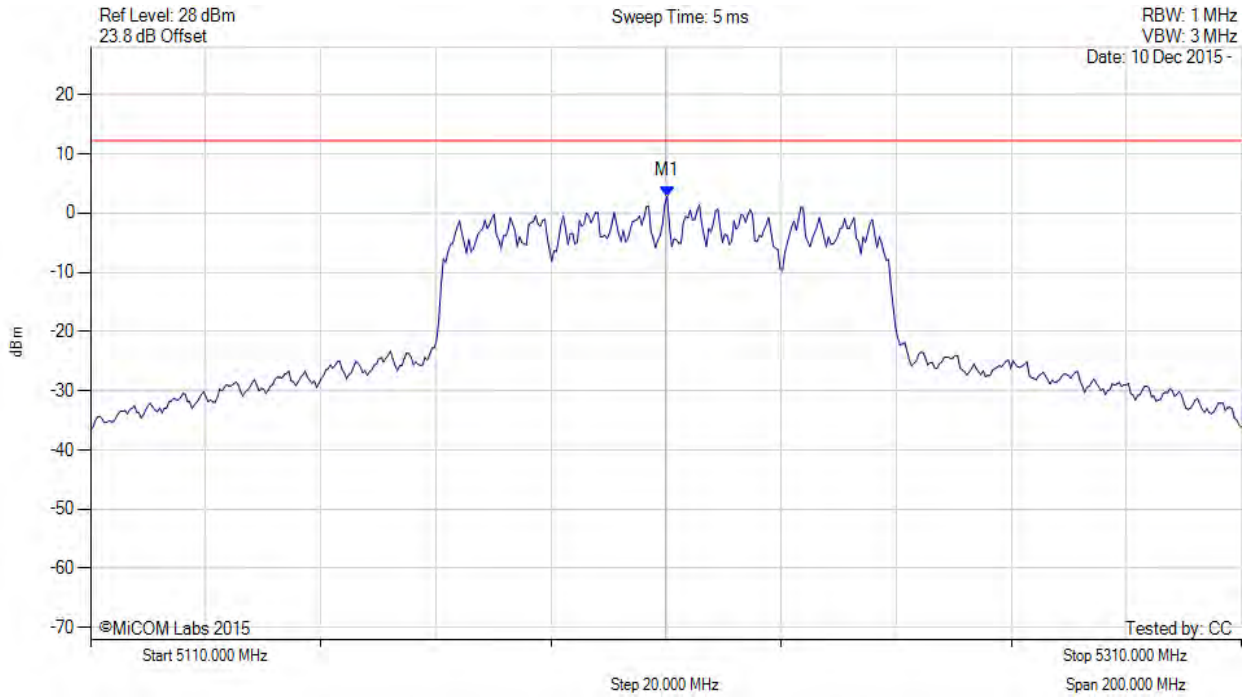


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5216.212 MHz : 2.820 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

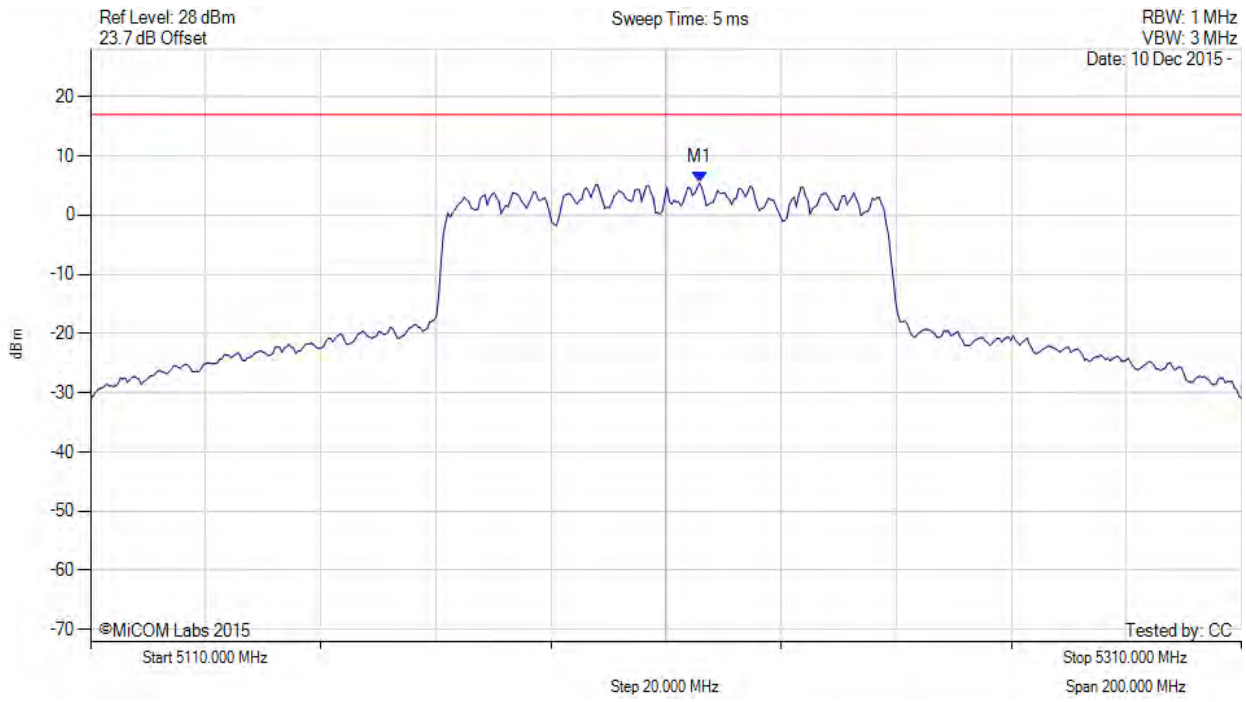


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5210.200 MHz : 2.843 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

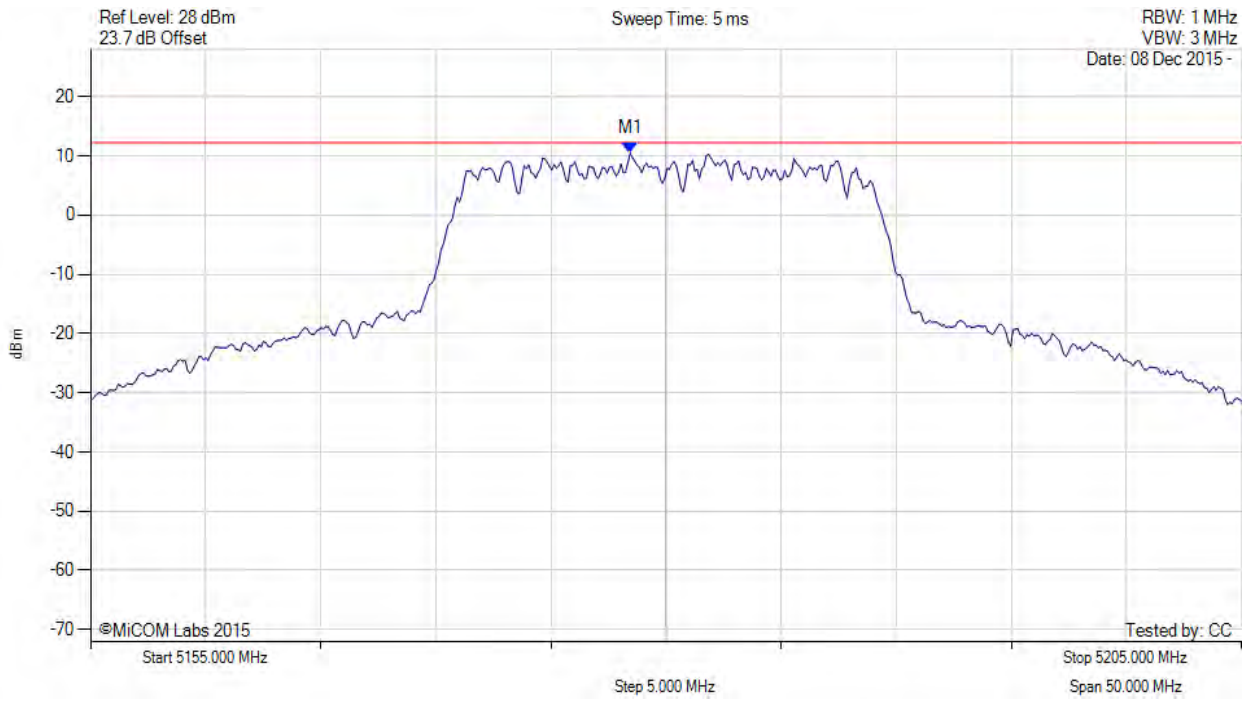


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5215.800 MHz : 5.442 dBm M1 + DCCF : 5215.800 MHz : 7.313 dBm Duty Cycle Correction Factor : +1.87 dB	Limit: ≤ 17.0 dBm Margin: -9.7 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

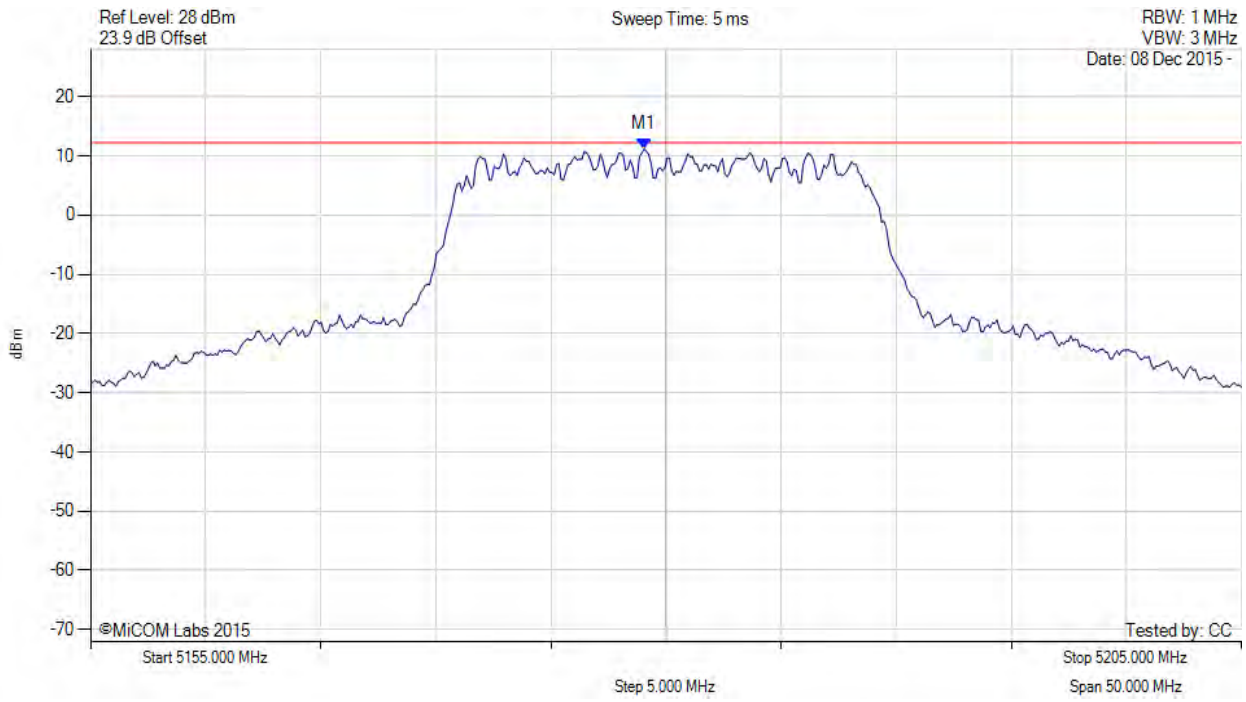


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5178.447 MHz : 10.436 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

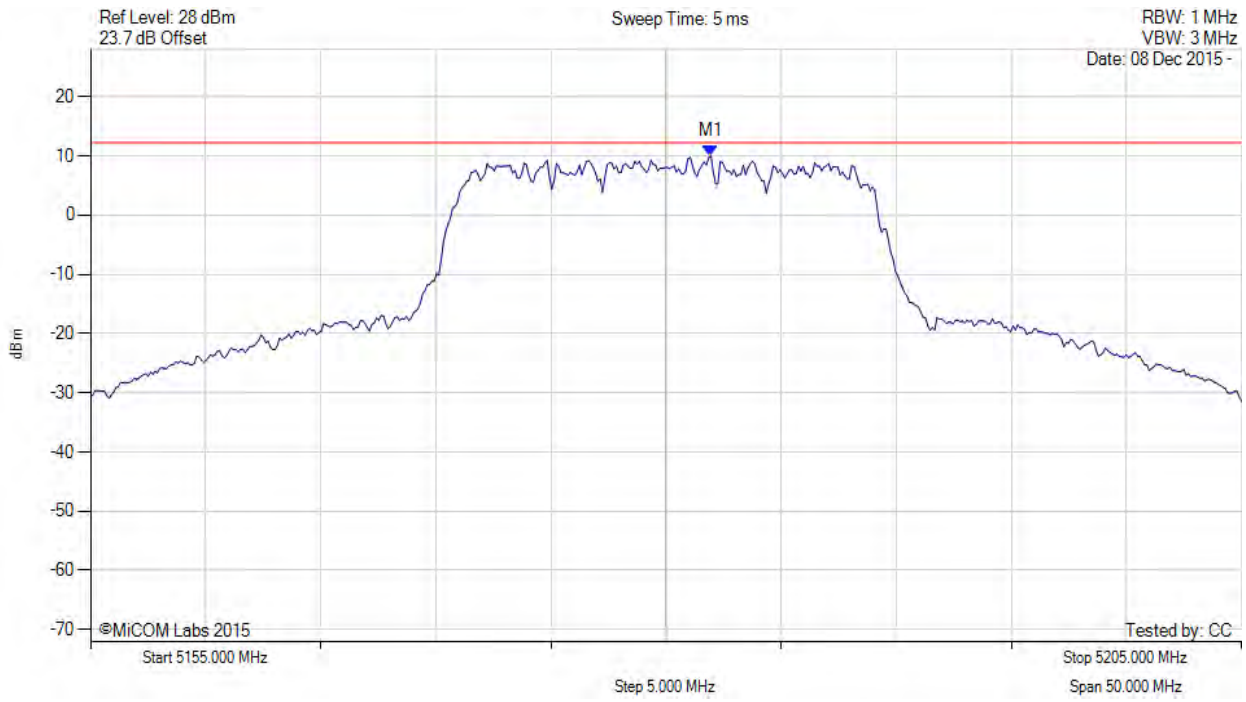


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5179.048 MHz : 11.131 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

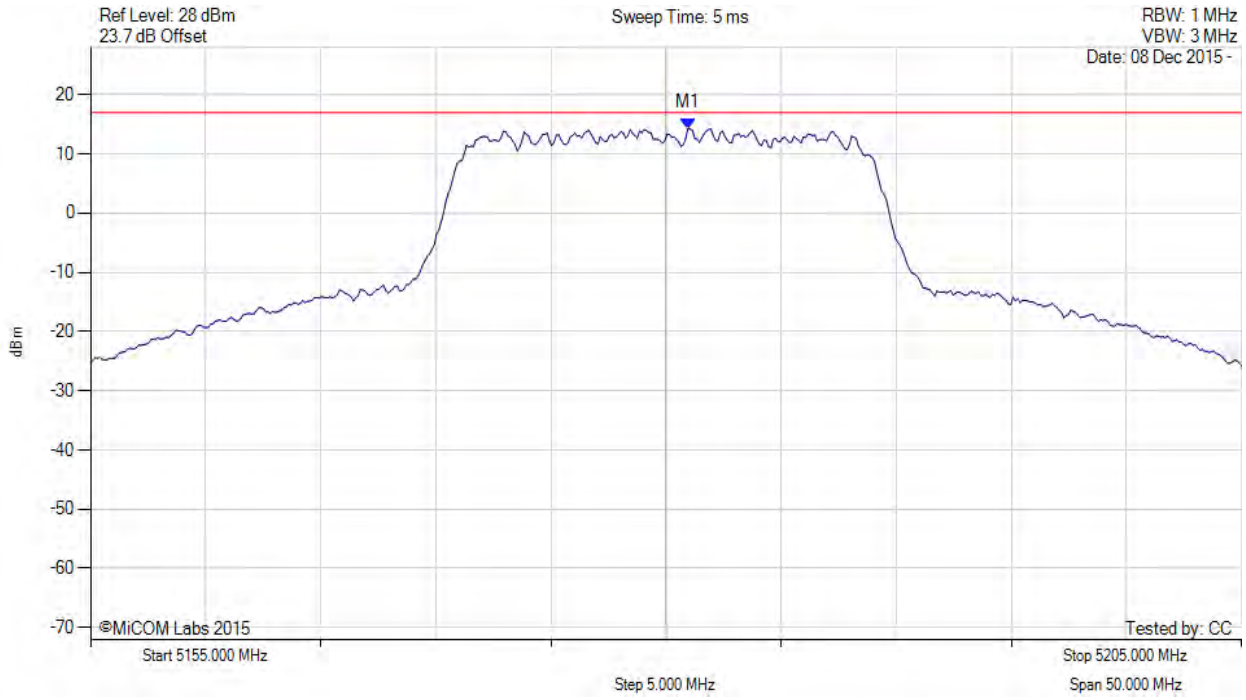


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5181.954 MHz : 9.949 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

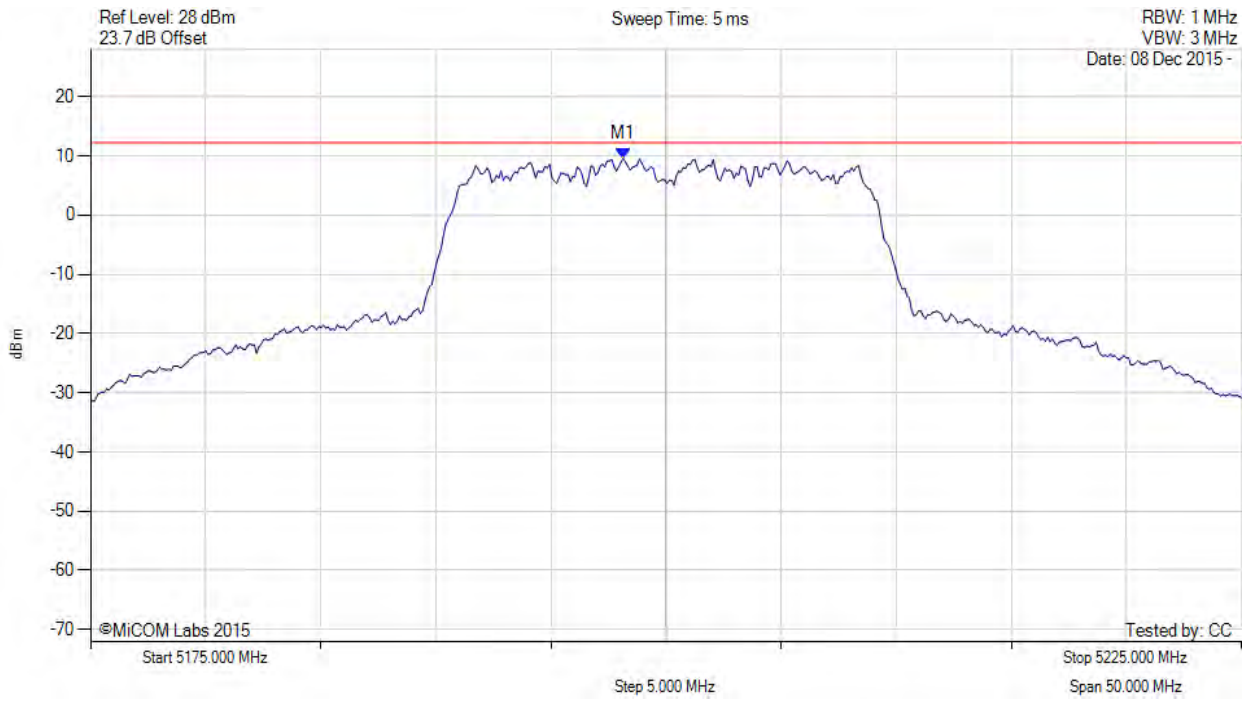


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5181.000 MHz : 14.286 dBm M1 + DCCF : 5181.000 MHz : 14.601 dBm Duty Cycle Correction Factor : +0.32 dB	Limit: ≤ 17.0 dBm Margin: -2.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

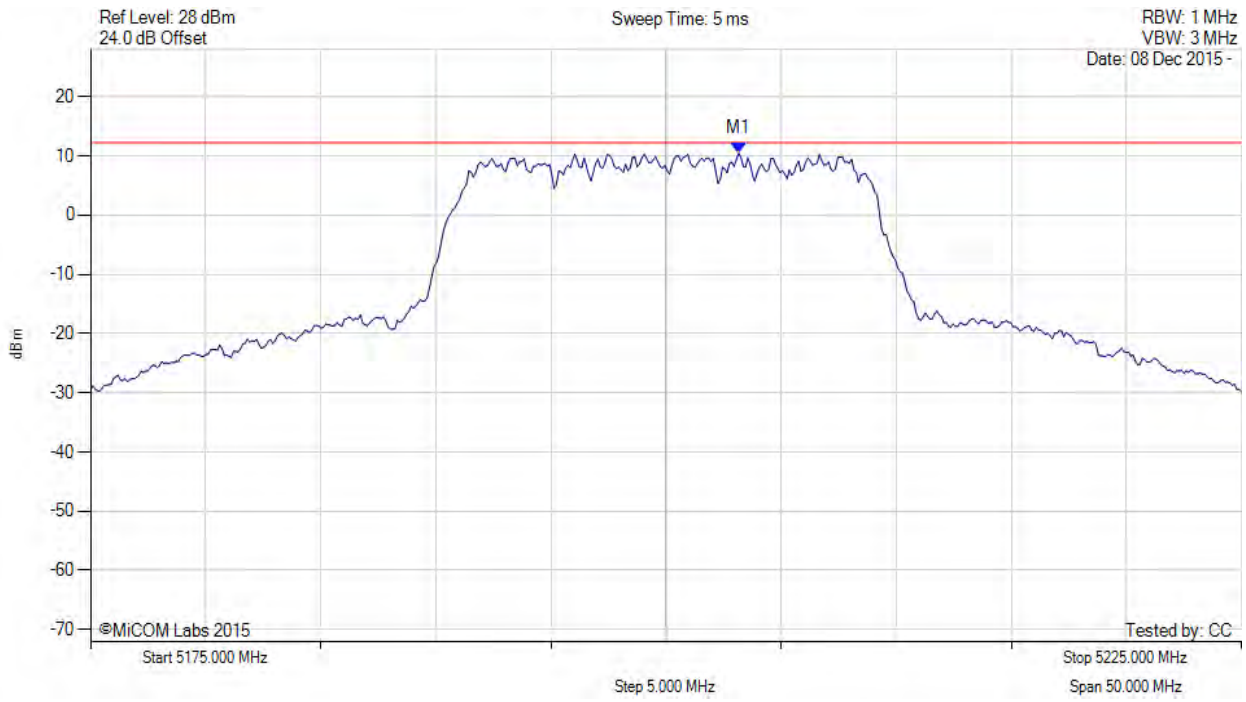


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5198.146 MHz : 9.579 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

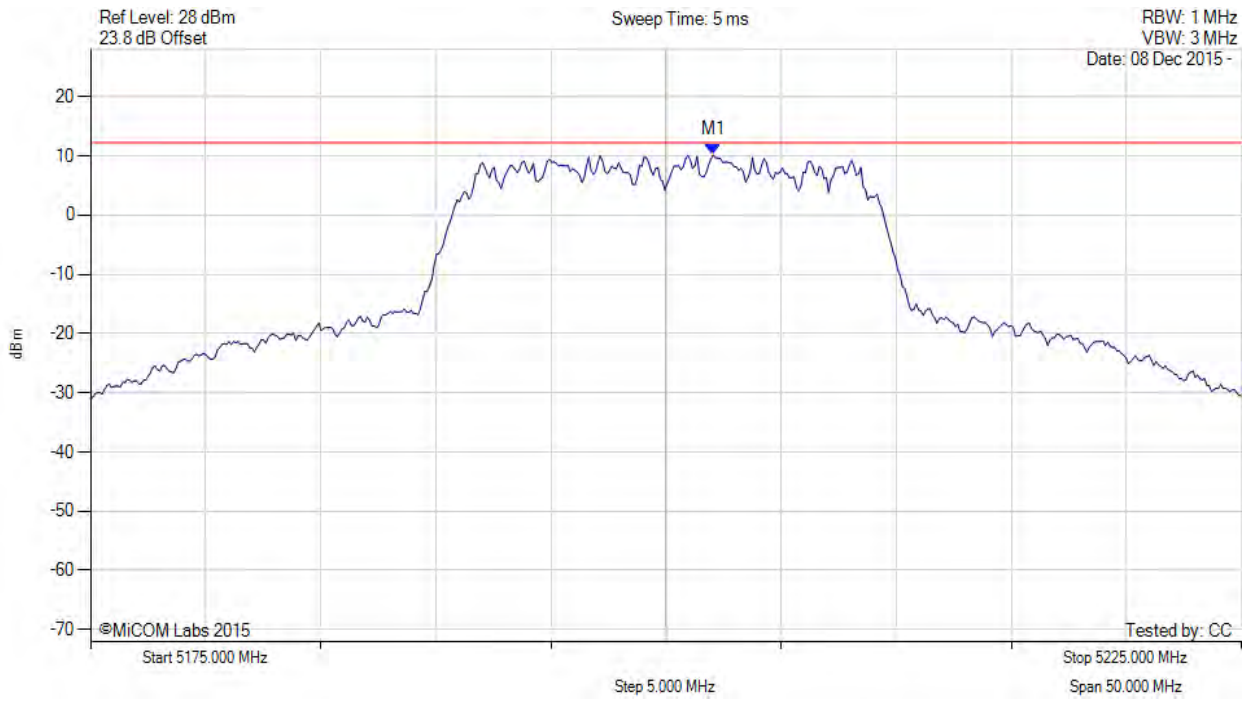


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5203.156 MHz : 10.443 dBm	Channel Frequency: 5200.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

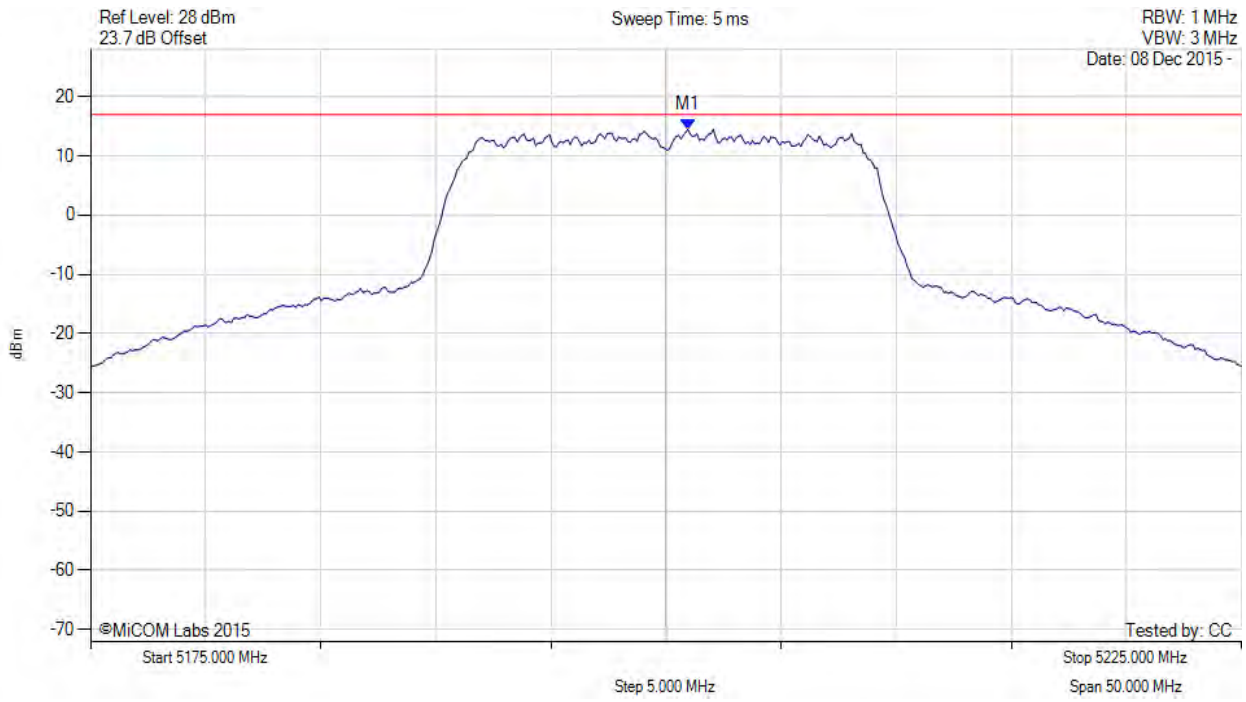


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5202.054 MHz : 10.125 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

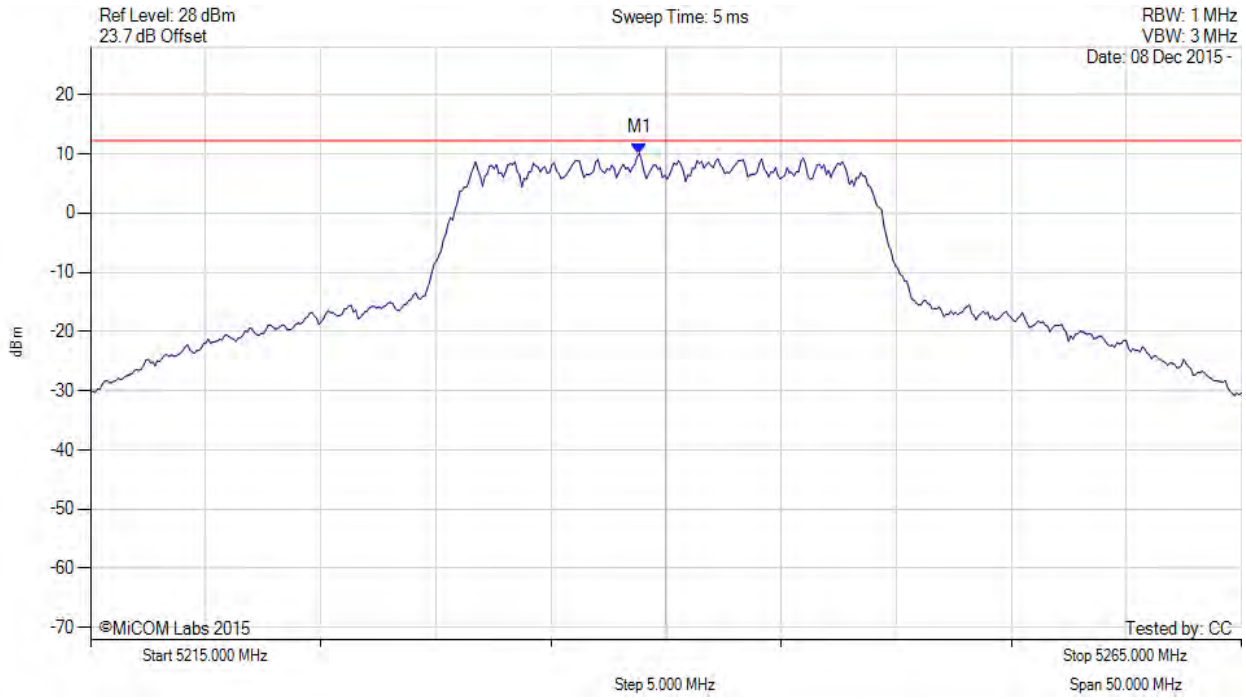


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5201.000 MHz : 14.485 dBm M1 + DCCF : 5201.000 MHz : 14.800 dBm Duty Cycle Correction Factor : +0.32 dB	Limit: ≤ 17.0 dBm Margin: -2.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

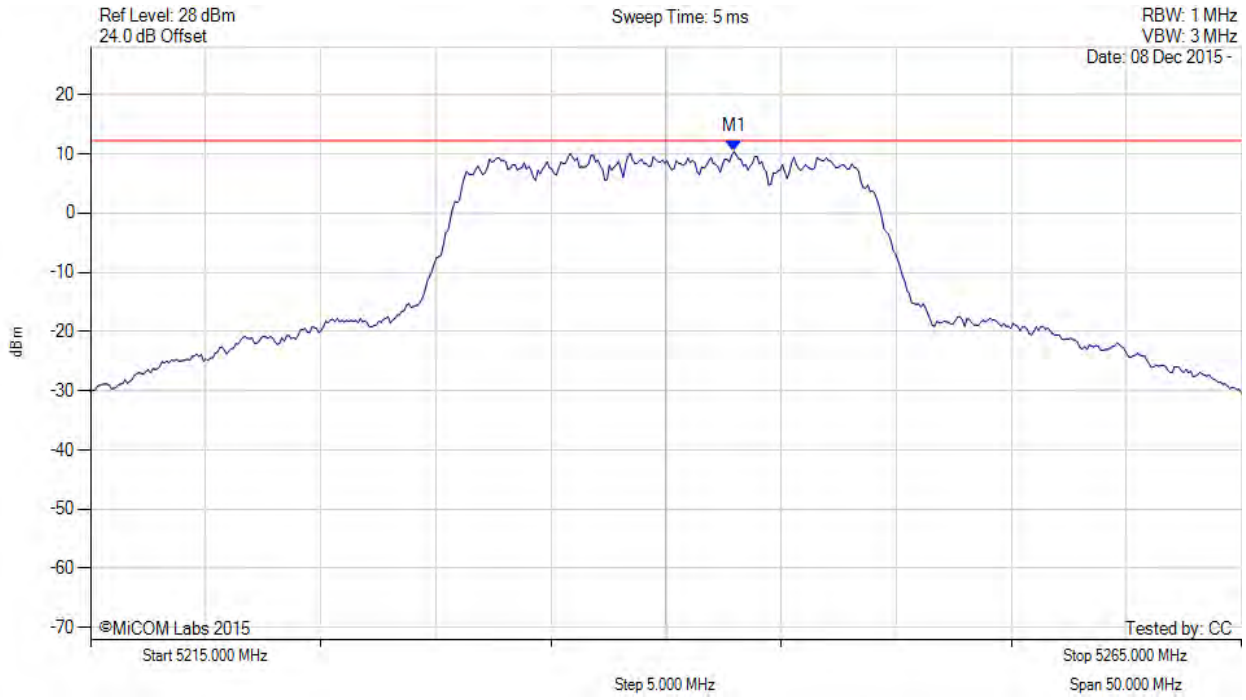


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.848 MHz : 10.106 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

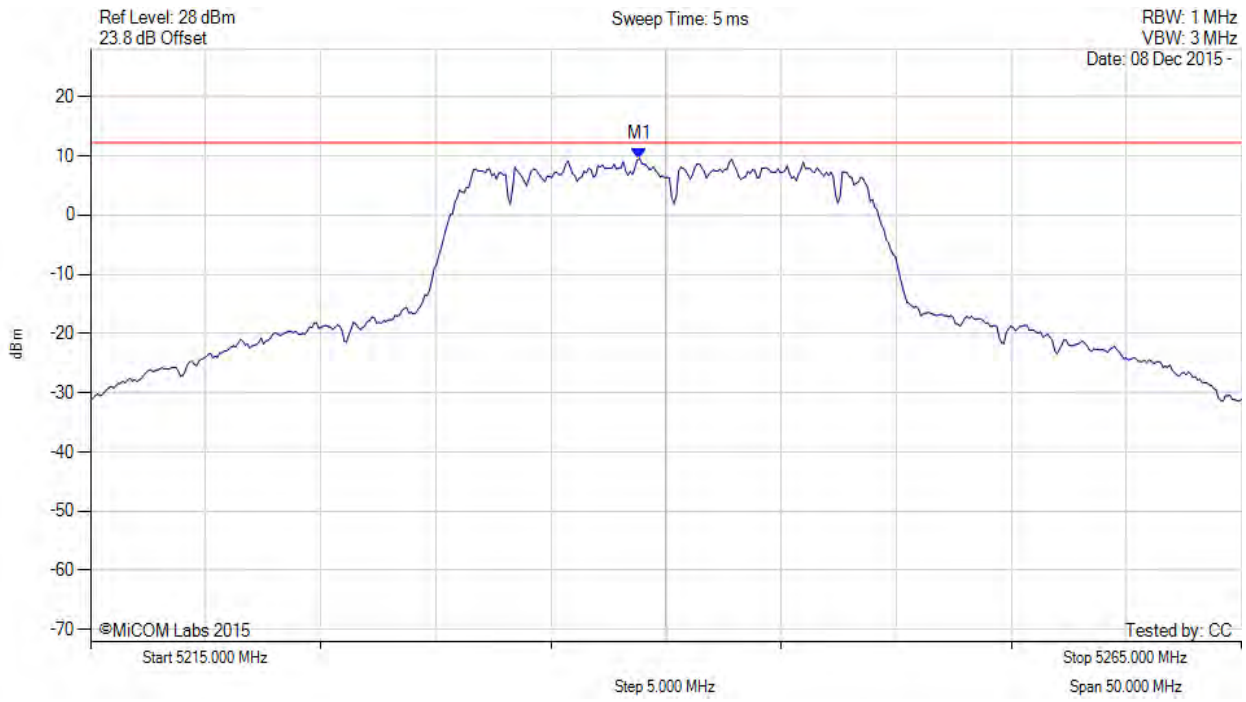


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5242.956 MHz : 10.399 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

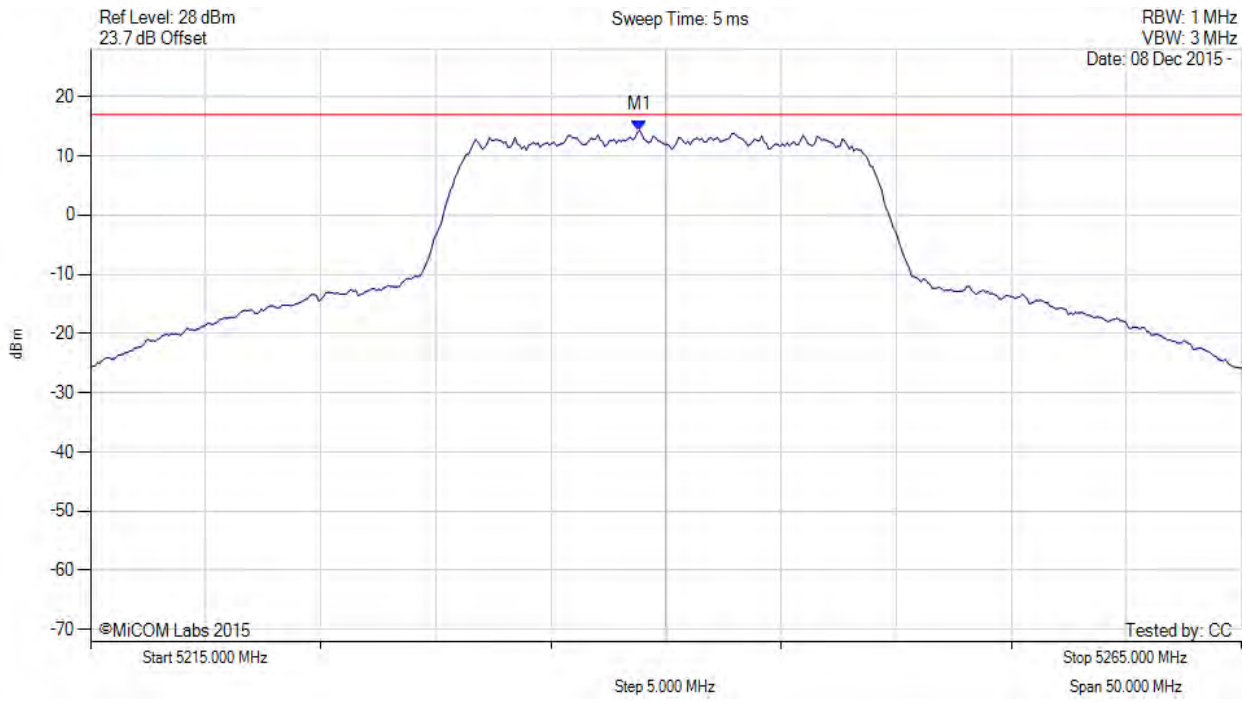


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.848 MHz : 9.534 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

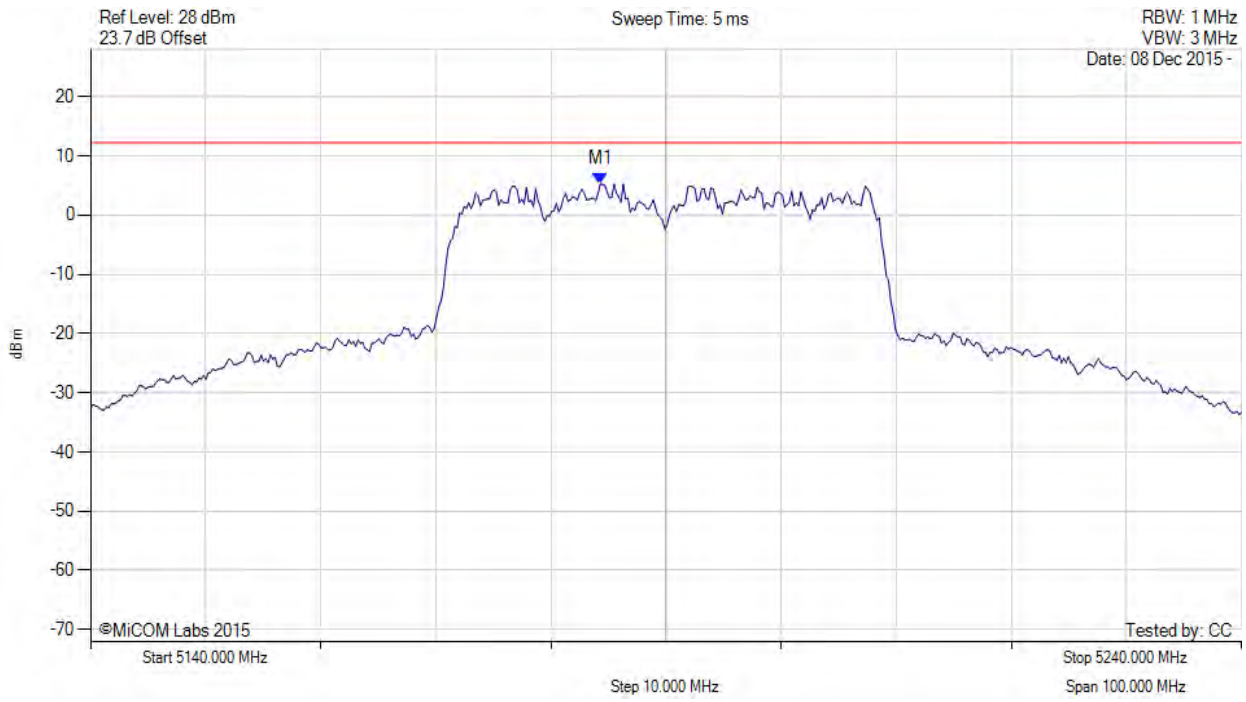


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.800 MHz : 14.295 dBm M1 + DCCF : 5238.800 MHz : 14.610 dBm Duty Cycle Correction Factor : +0.32 dB	Limit: ≤ 17.0 dBm Margin: -2.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

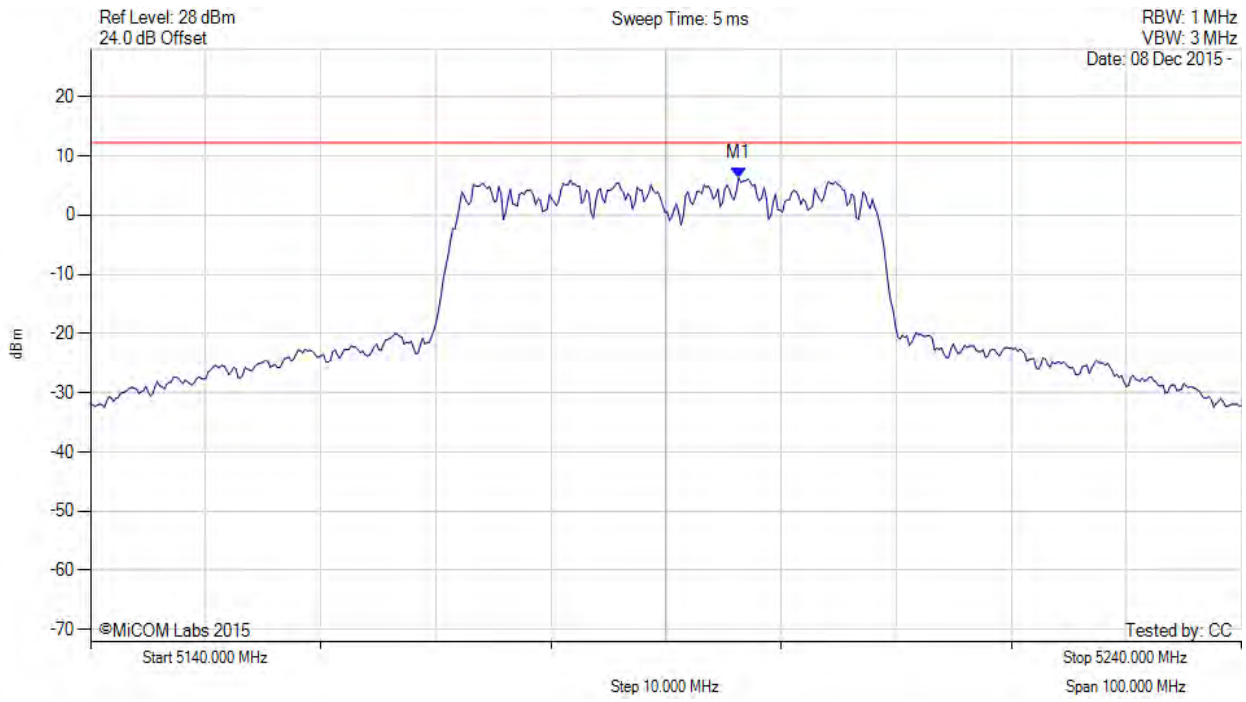


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5184.289 MHz : 5.229 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

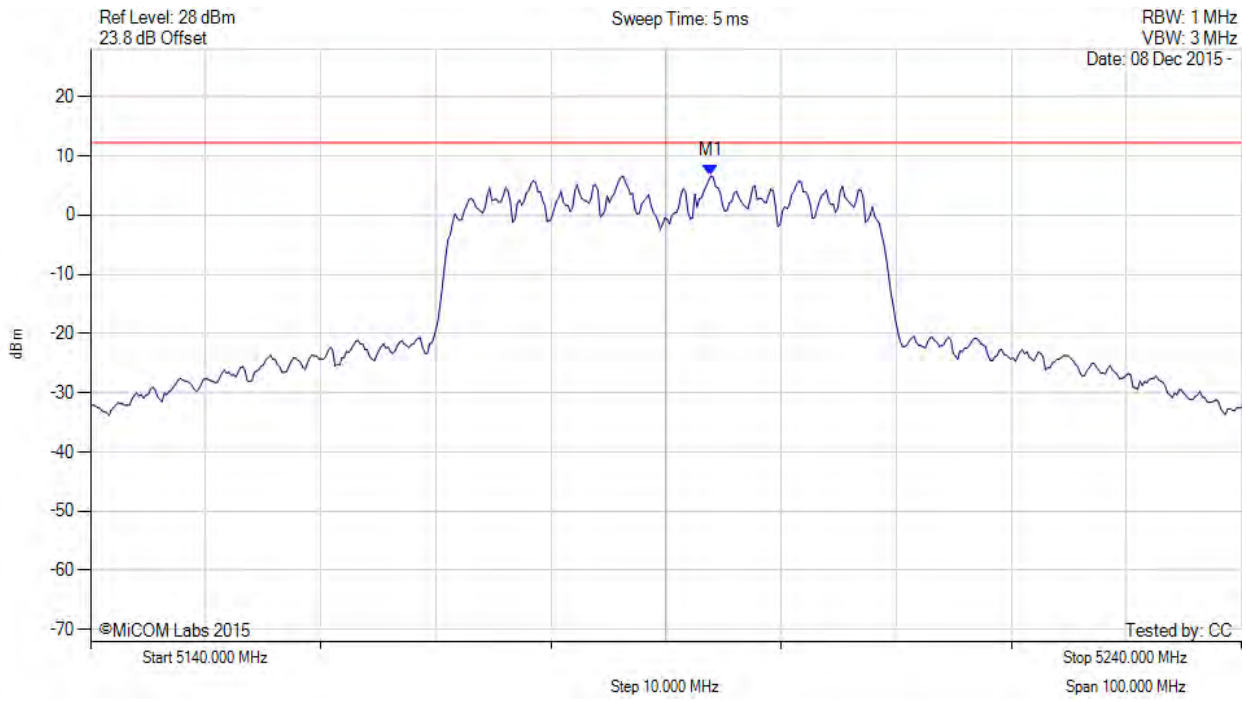


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5196.313 MHz : 6.272 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

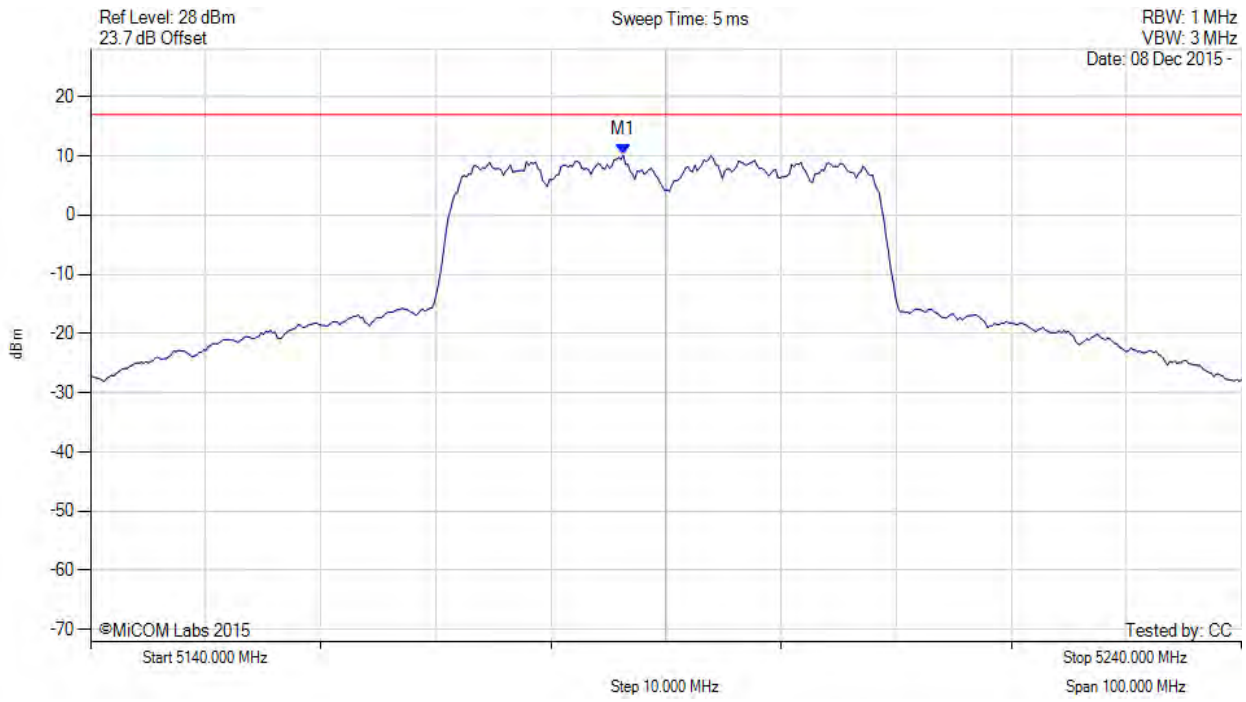


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5193.908 MHz : 6.620 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5190.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

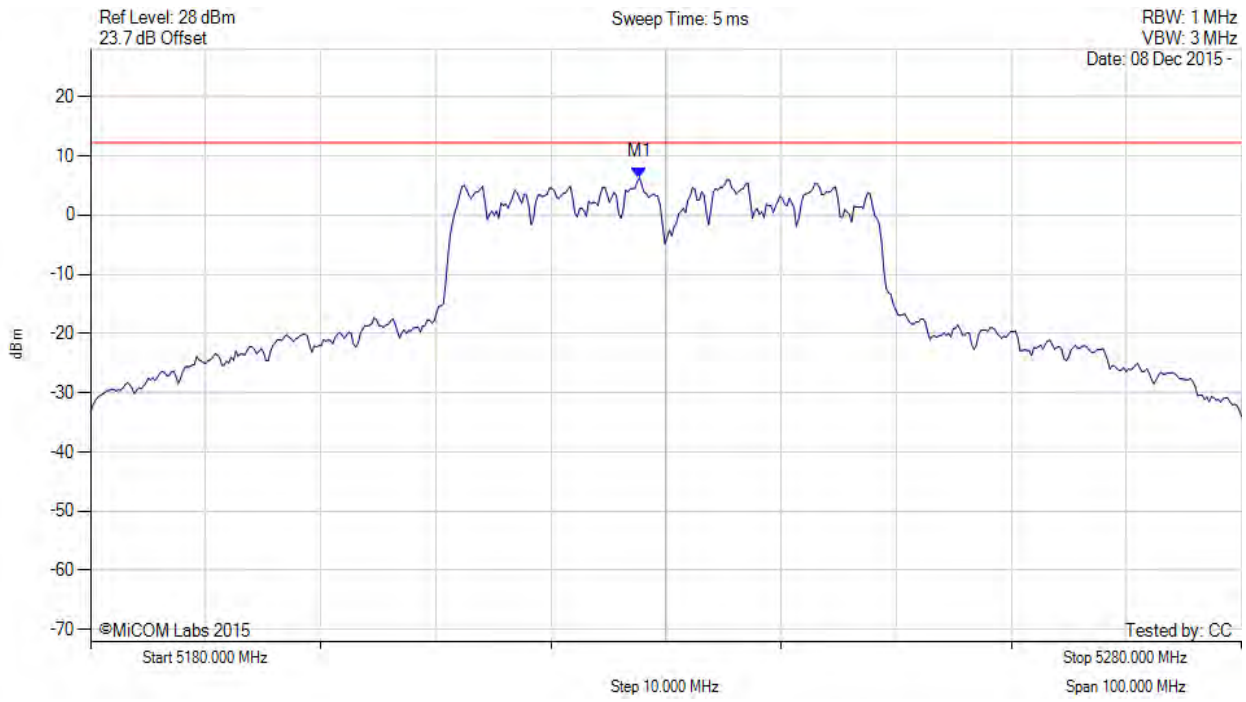


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5186.300 MHz : 10.128 dBm M1 + DCCF : 5186.300 MHz : 11.152 dBm Duty Cycle Correction Factor : +1.02 dB	Limit: ≤ 17.0 dBm Margin: -5.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

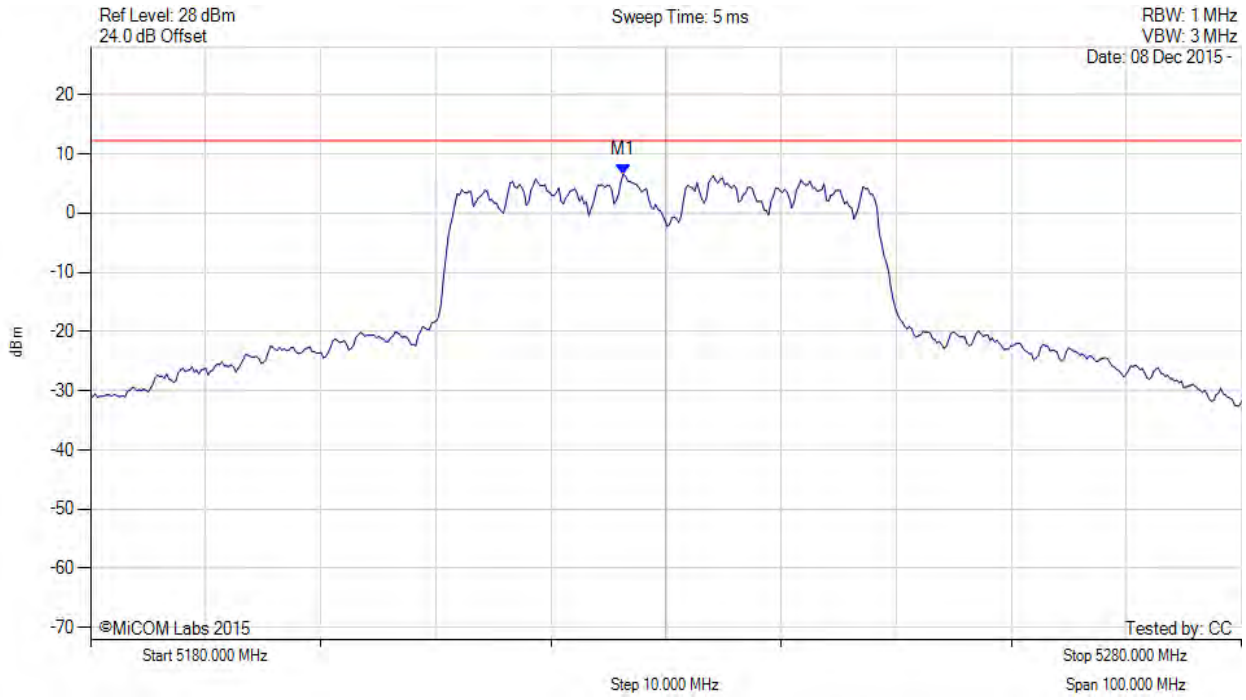


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5227.695 MHz : 6.342 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

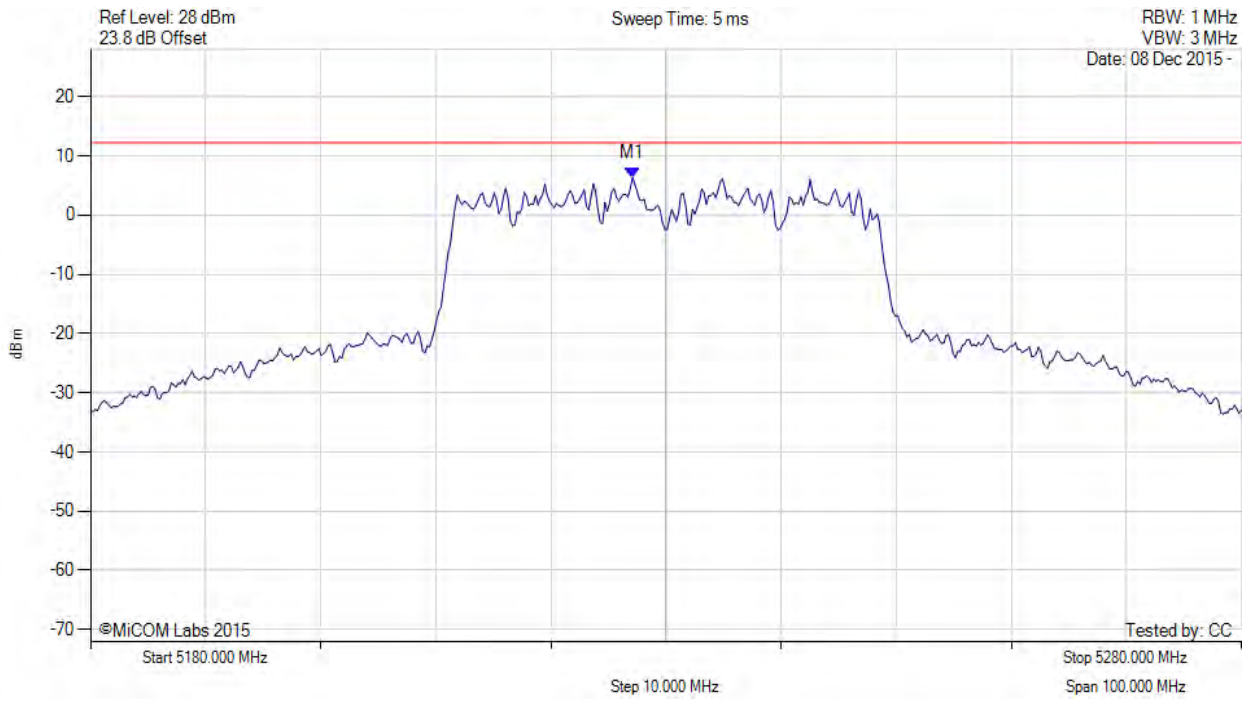


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5226.293 MHz : 6.544 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

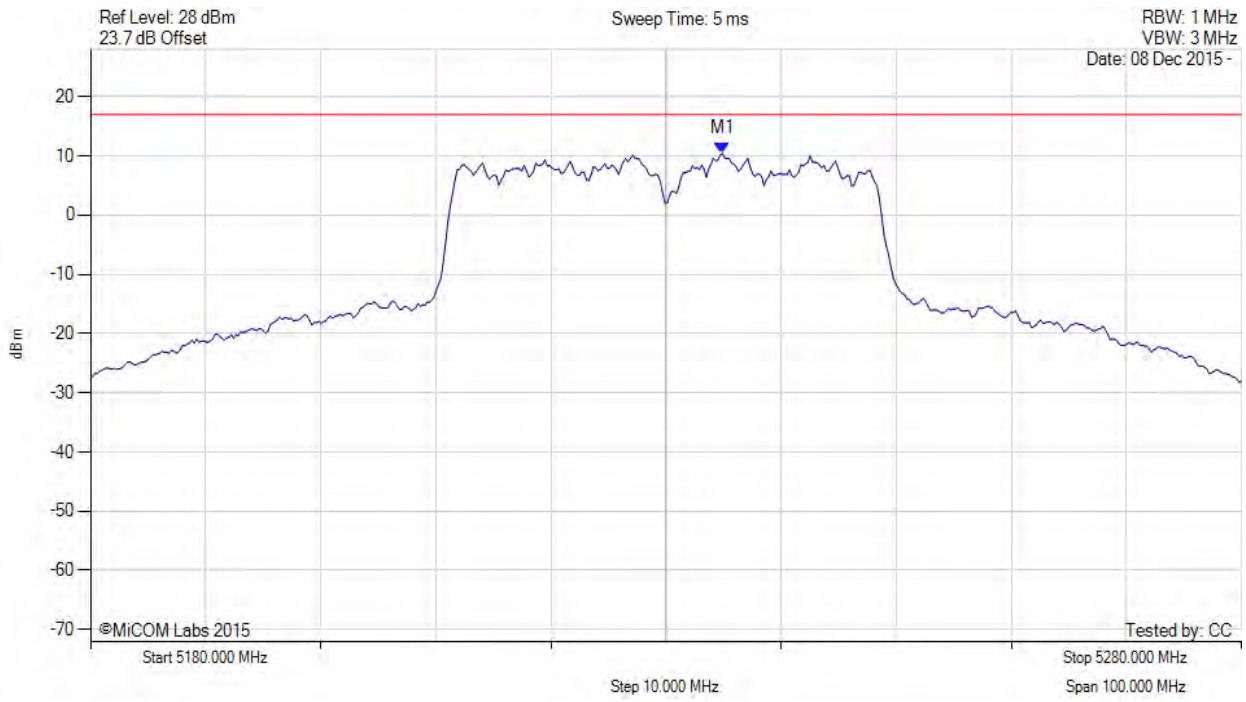


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5227.094 MHz : 6.282 dBm	Limit: ≤ 12.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5230.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

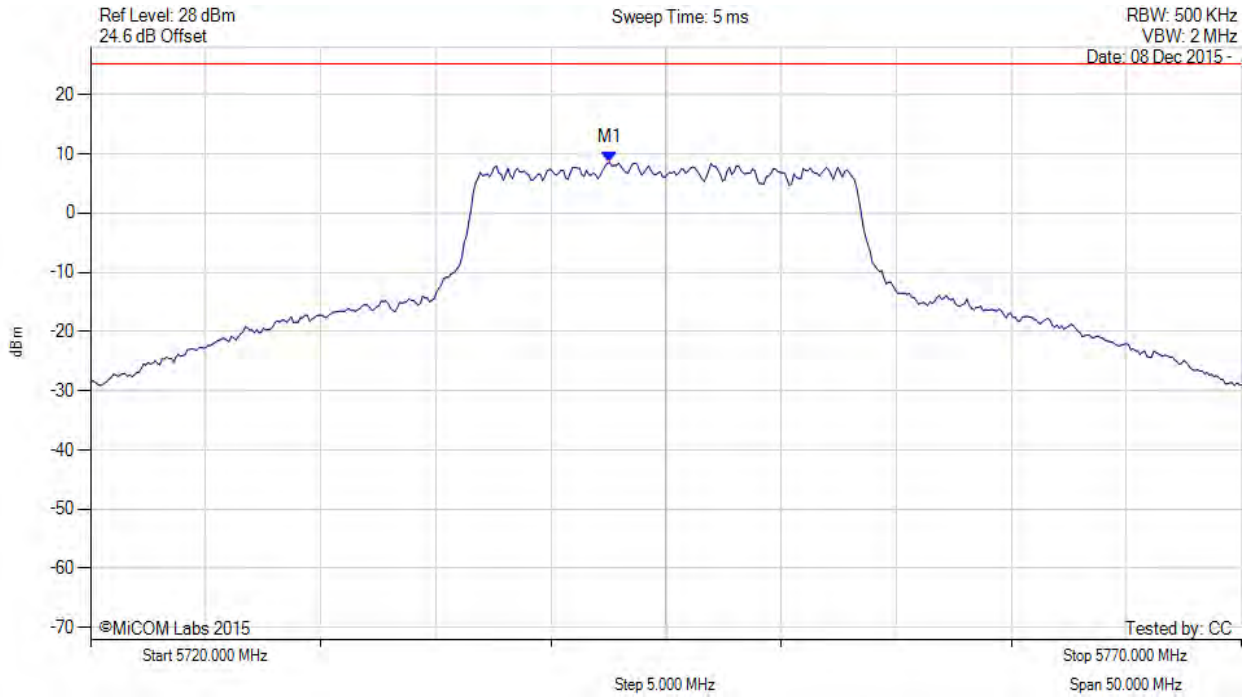


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5234.900 MHz : 10.408 dBm M1 + DCCF : 5234.900 MHz : 11.432 dBm Duty Cycle Correction Factor : +1.02 dB	Limit: ≤ 17.0 dBm Margin: -5.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

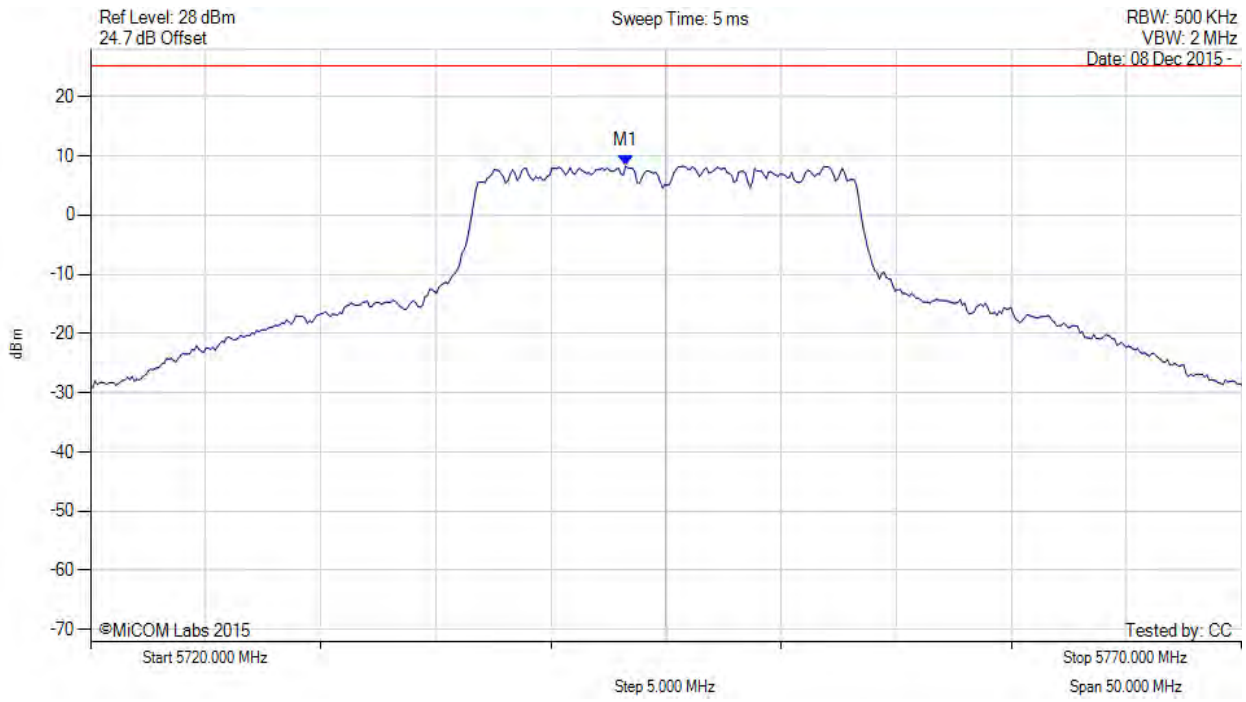


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5742.545 MHz : 8.566 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

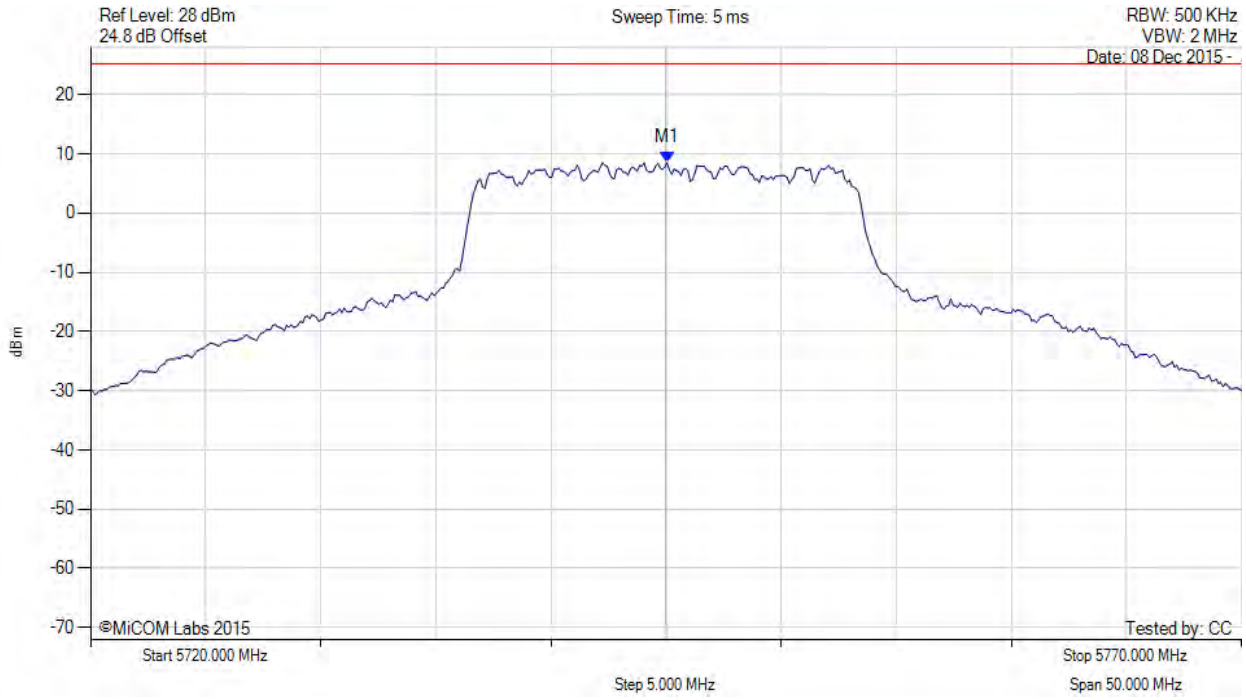


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.246 MHz : 8.284 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

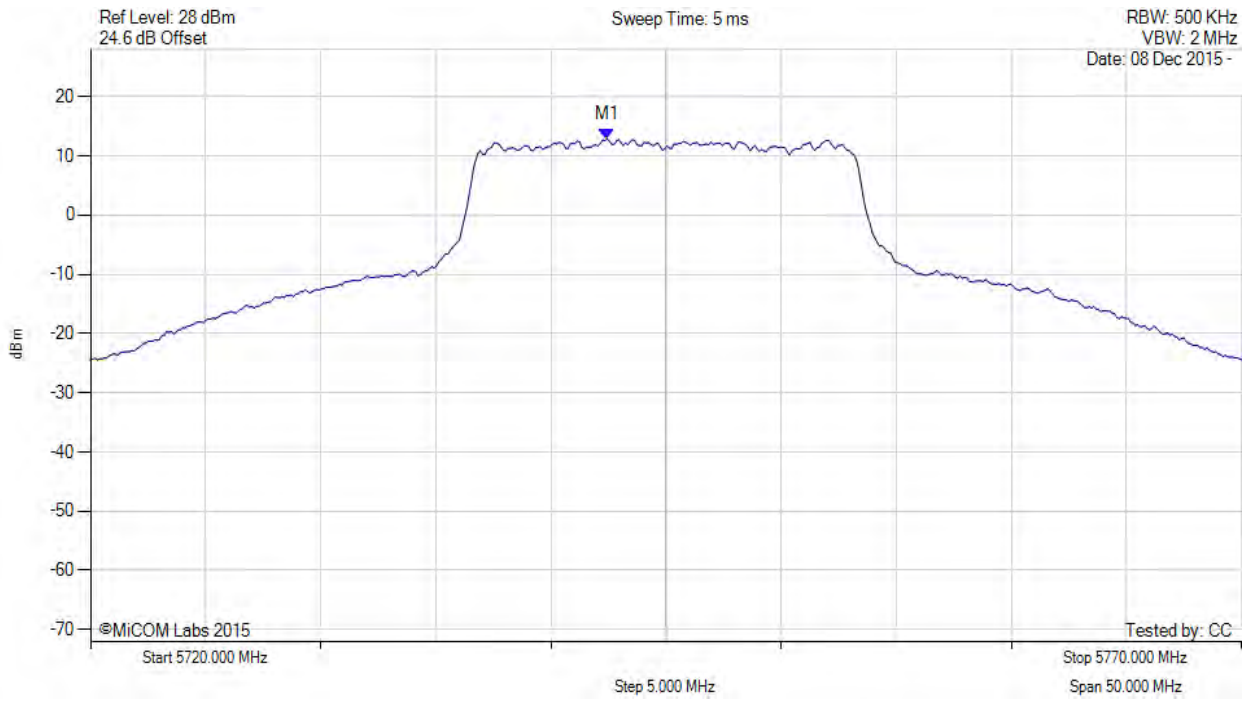


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5745.050 MHz : 8.515 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

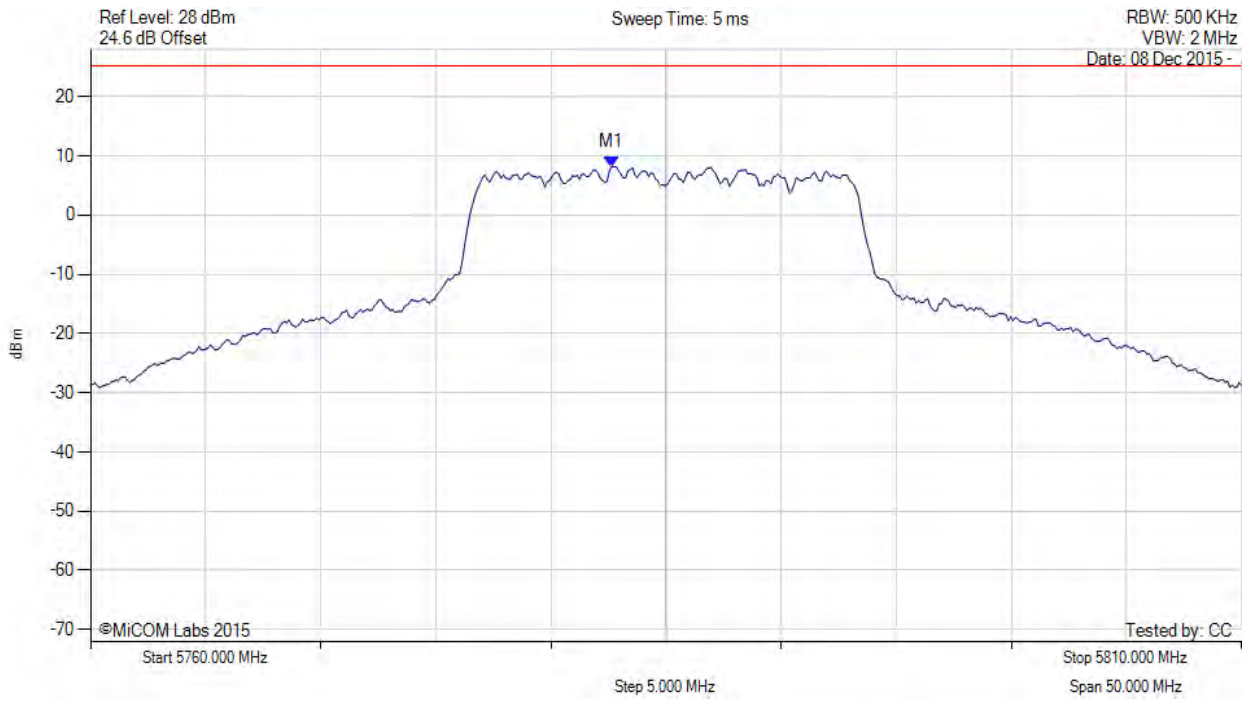


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5742.400 MHz : 12.870 dBm M1 + DCCF : 5742.400 MHz : 13.139 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -16.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

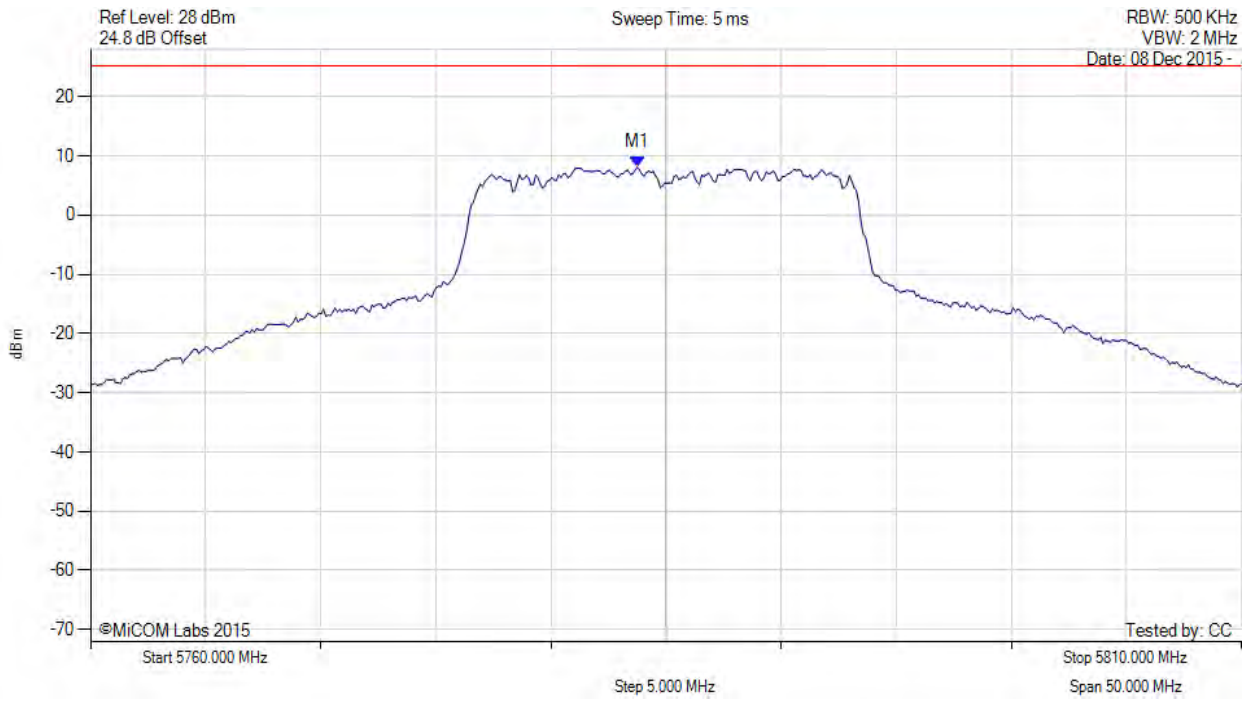


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5782.645 MHz : 8.203 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

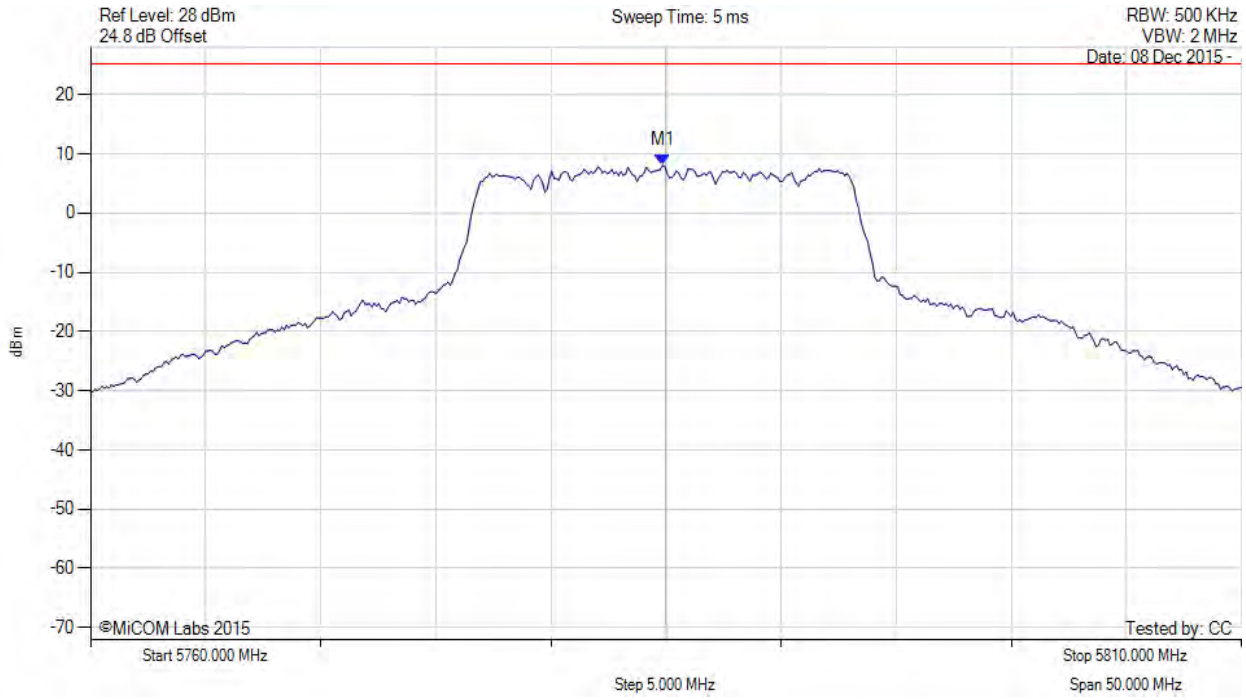


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5783.747 MHz : 8.091 dBm	Channel Frequency: 5785.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

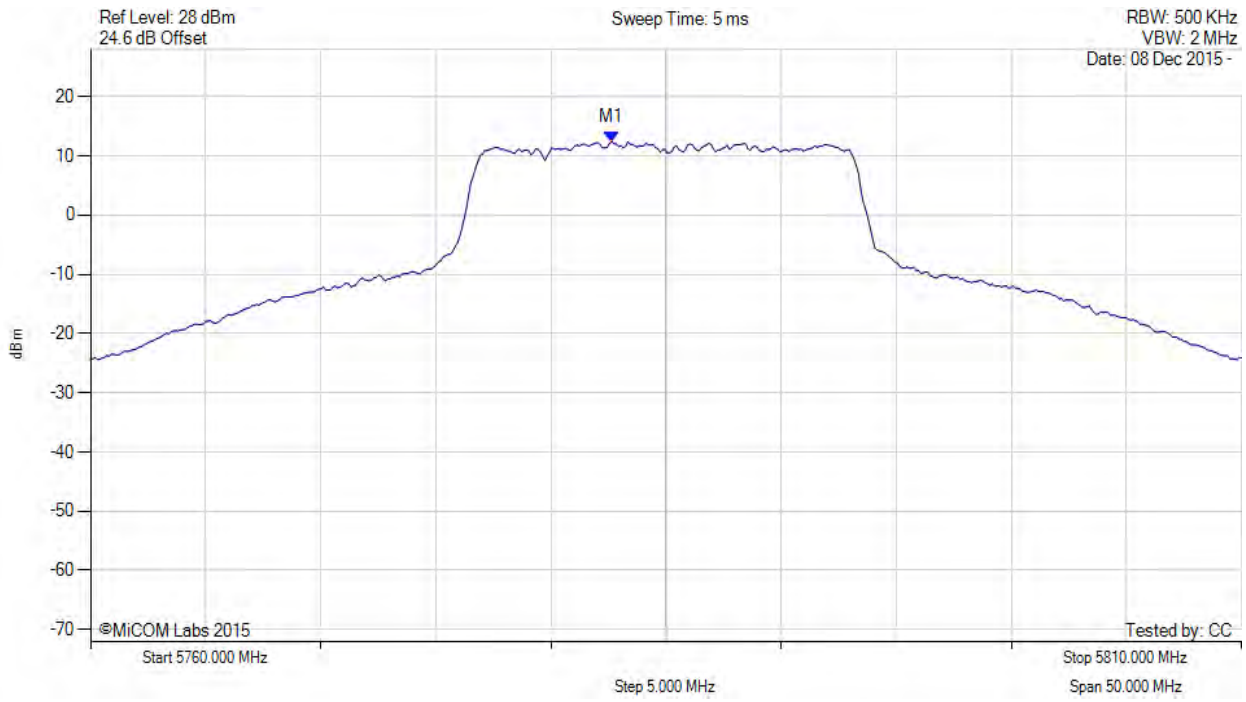


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5784.850 MHz : 8.046 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

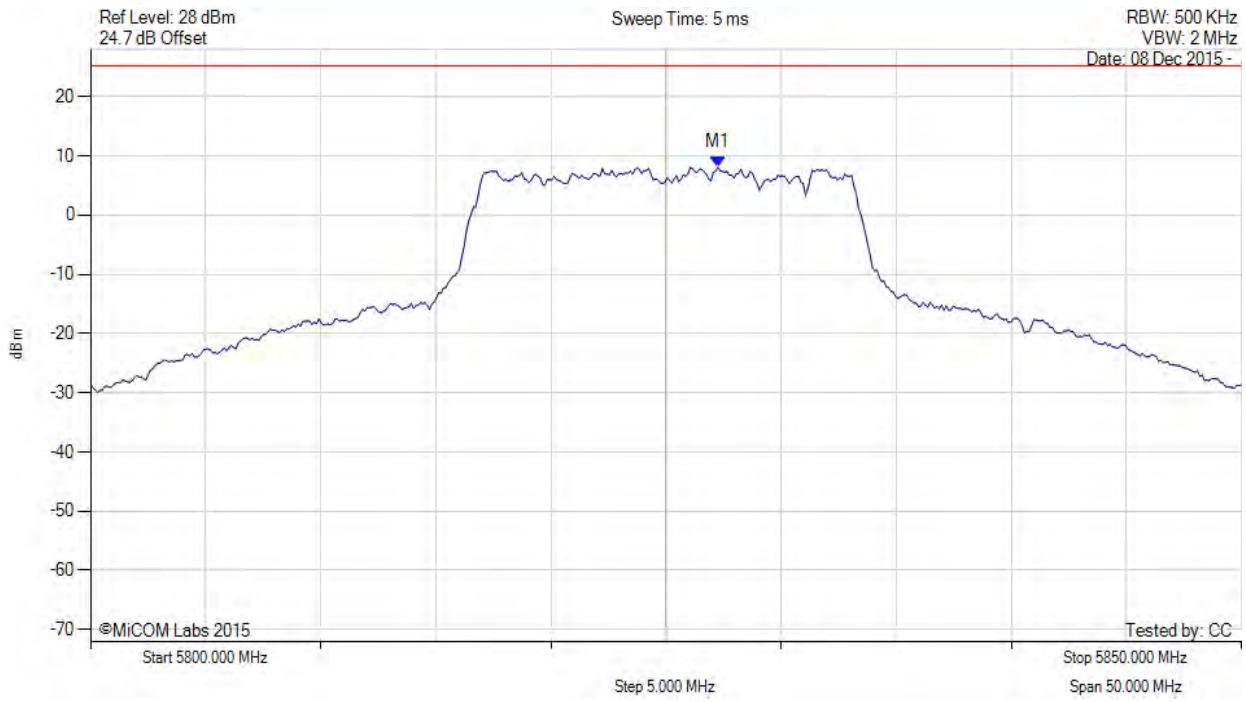


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5782.600 MHz : 12.378 dBm M1 + DCCF : 5782.600 MHz : 12.647 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -17.3 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

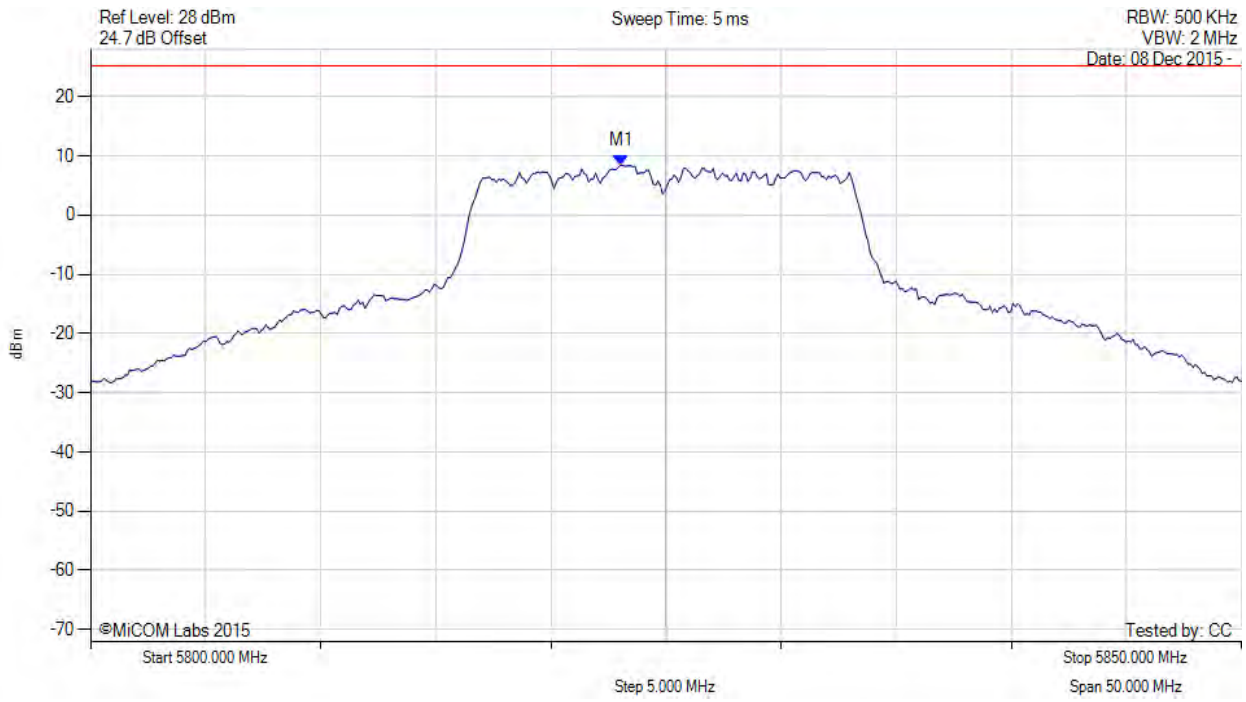


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5827.255 MHz : 8.059 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

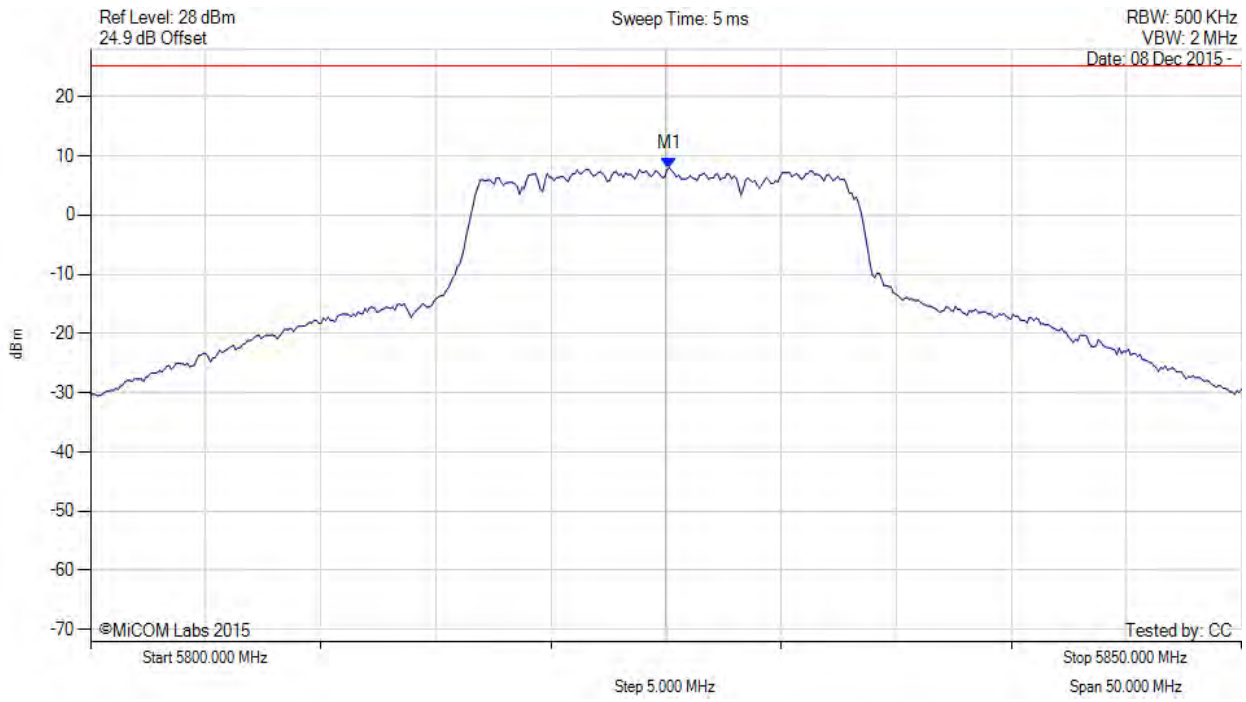


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.046 MHz : 8.414 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

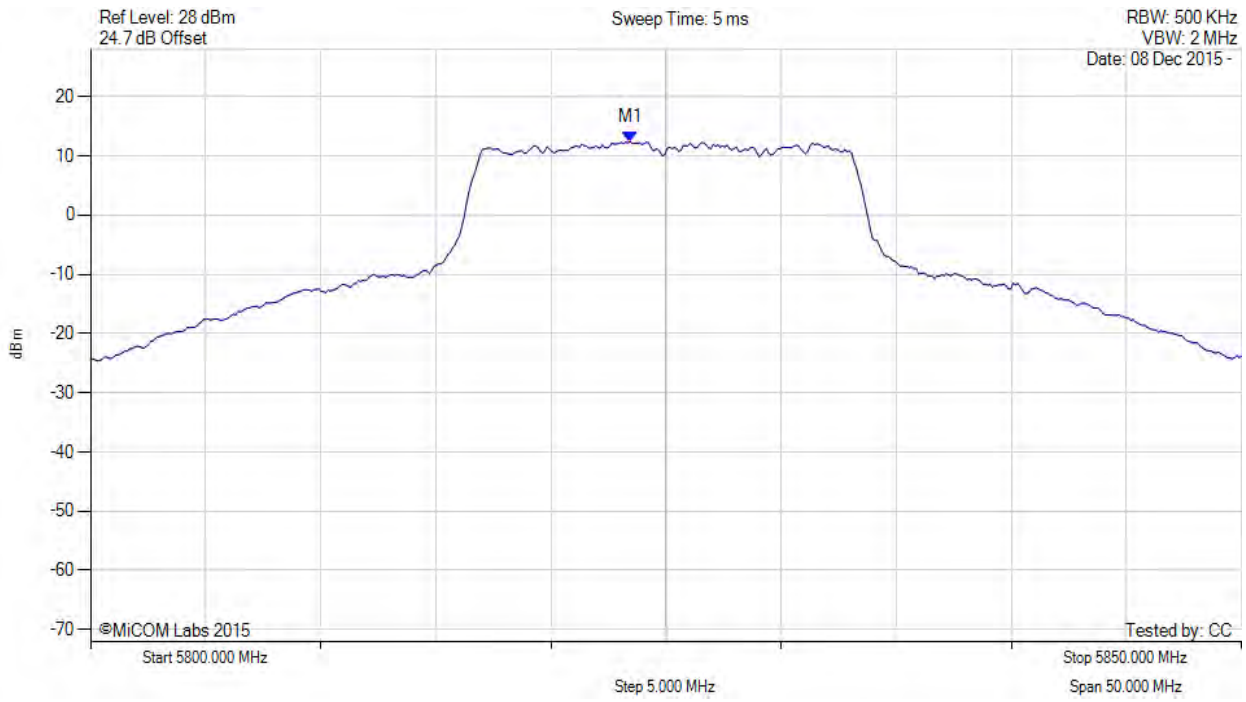


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5825.150 MHz : 7.964 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

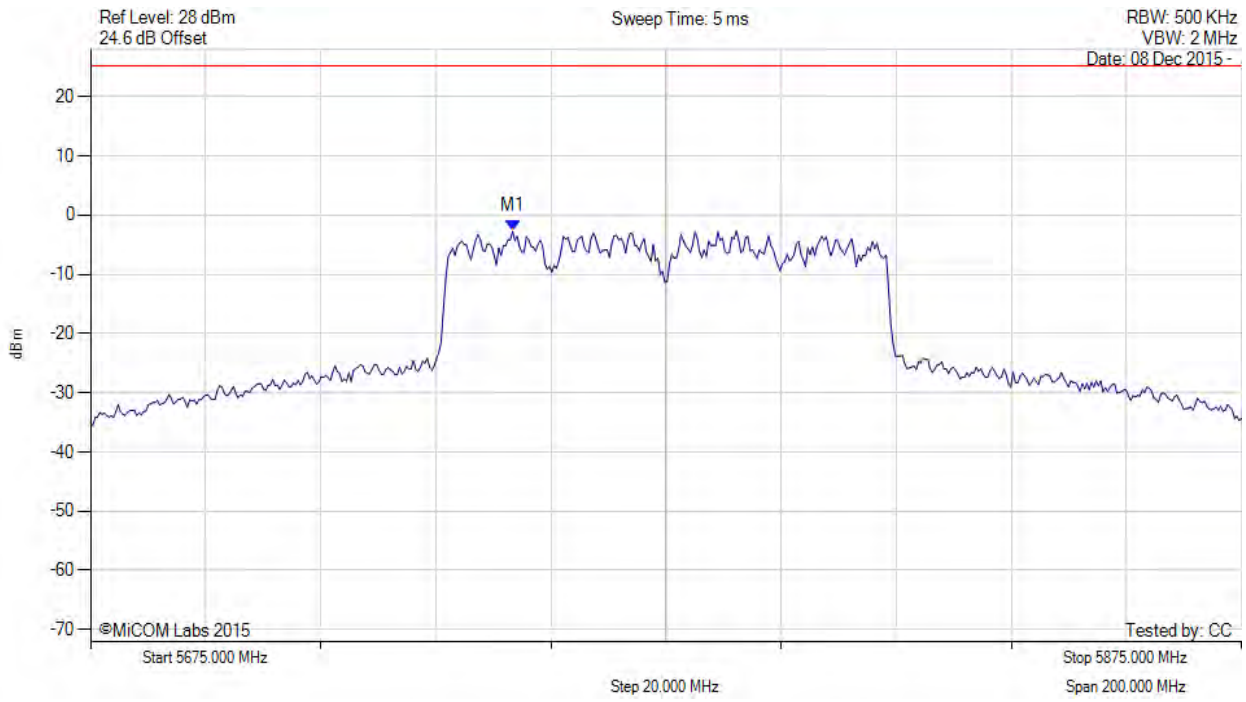


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.400 MHz : 12.375 dBm M1 + DCCF : 5823.400 MHz : 12.644 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -17.3 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

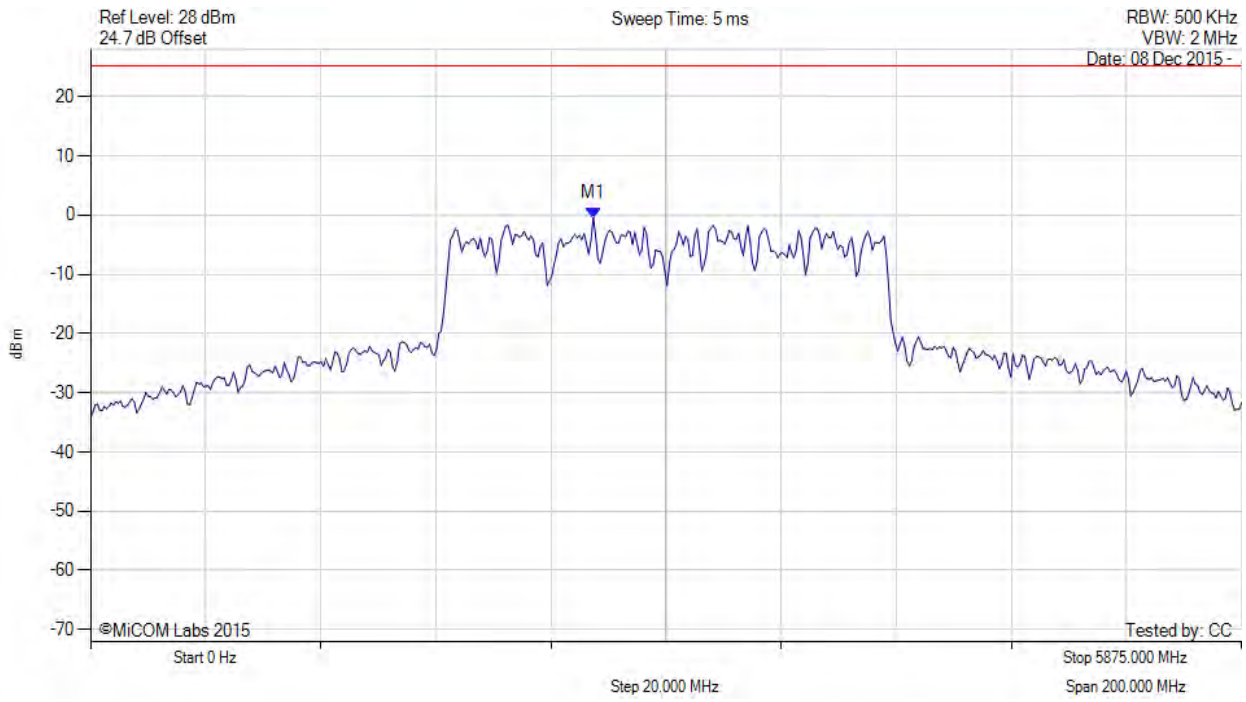


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5748.347 MHz : -2.732 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

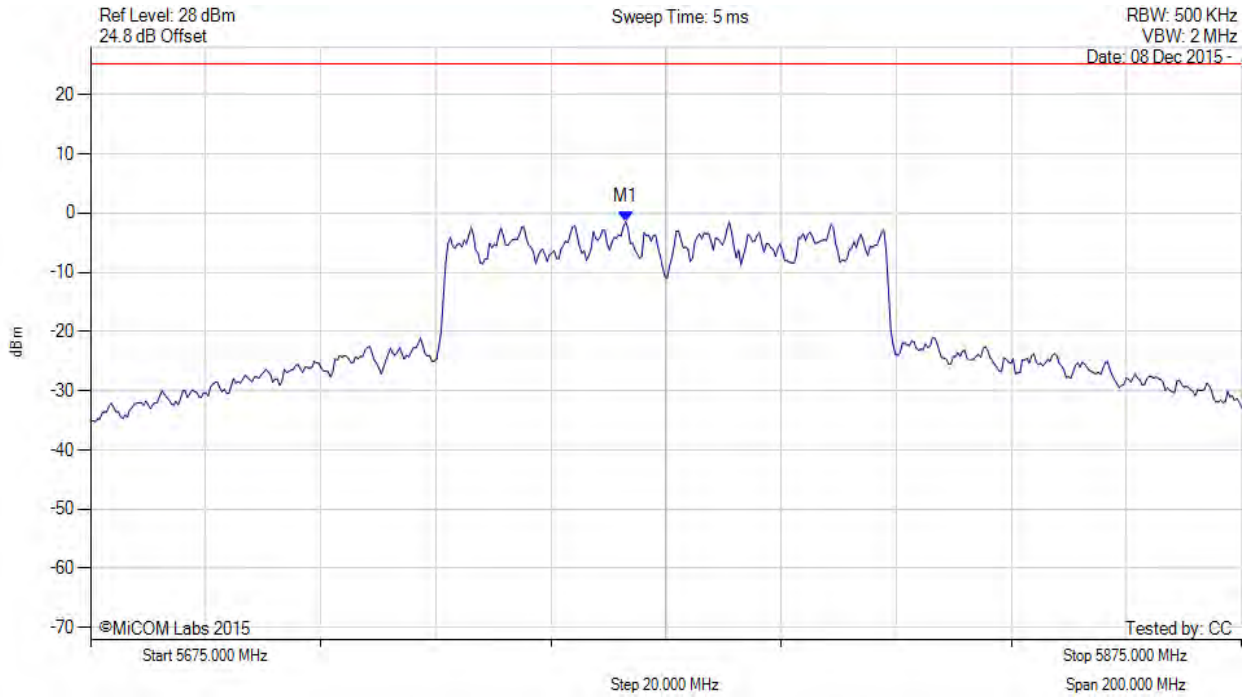


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5762.375 MHz : -0.468 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

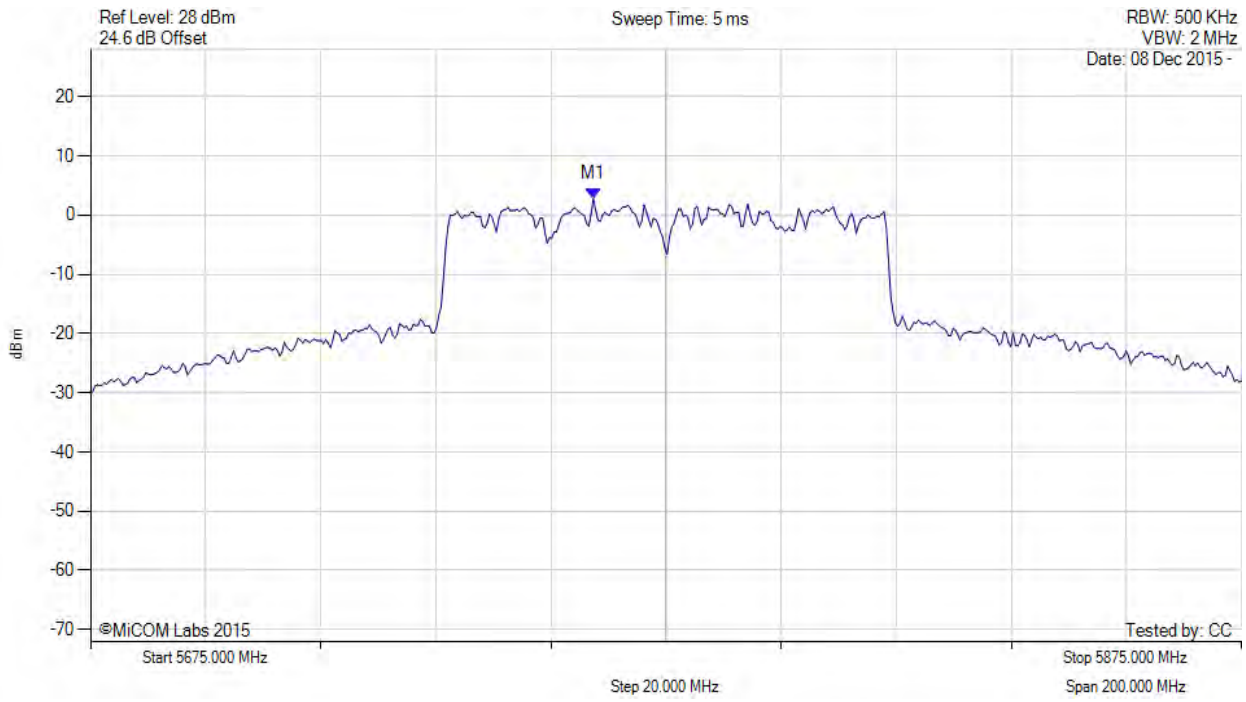


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5767.986 MHz : -1.456 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

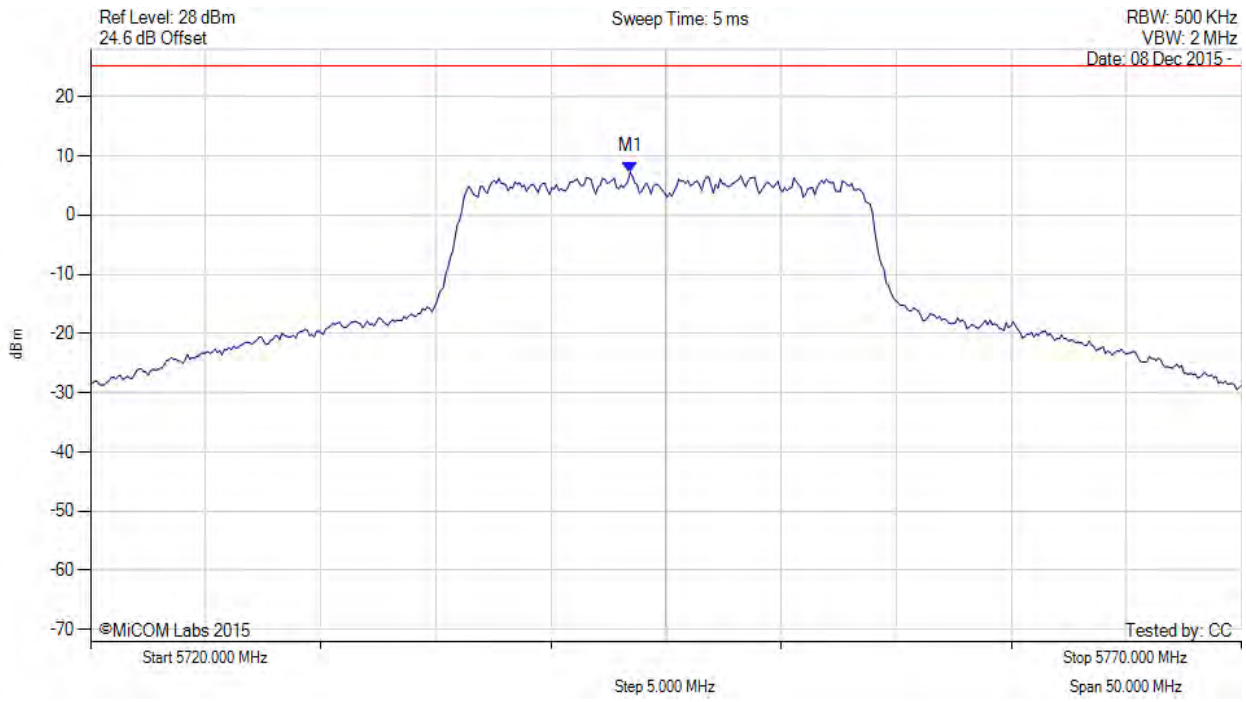


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5762.400 MHz : 2.746 dBm M1 + DCCF : 5762.400 MHz : 4.617 dBm Duty Cycle Correction Factor : +1.87 dB	Limit: ≤ 30.0 dBm Margin: -25.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

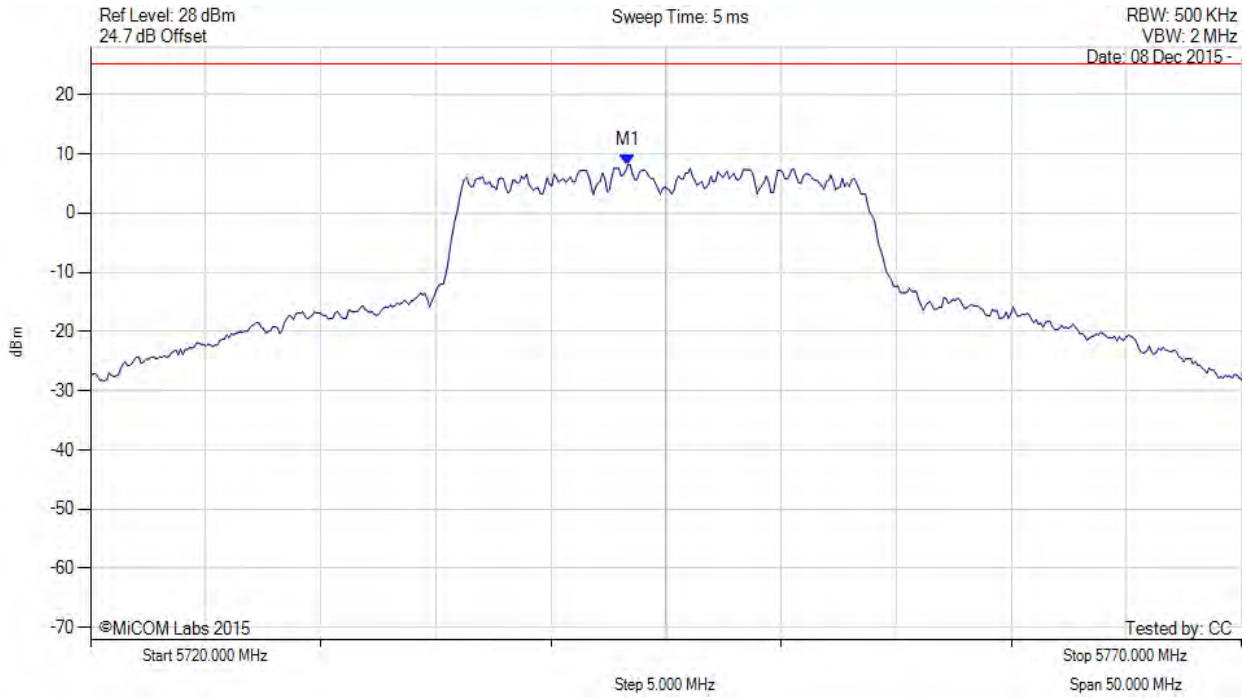


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.447 MHz : 7.275 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

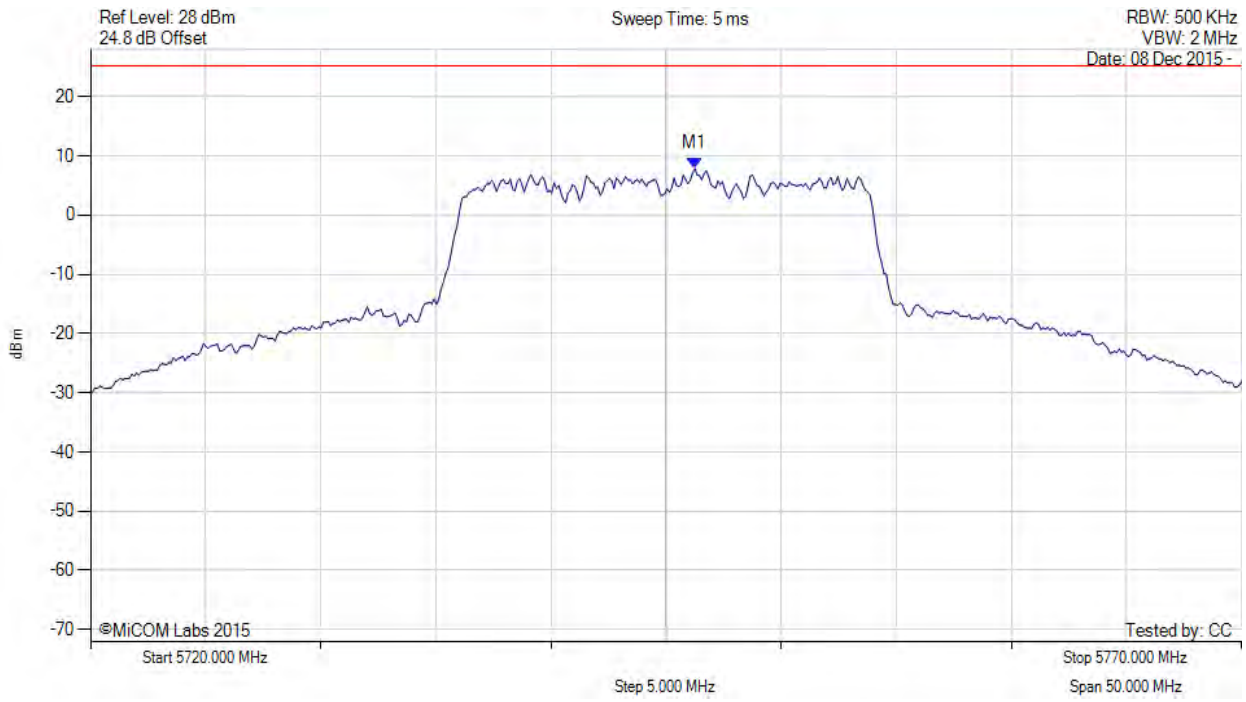


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.347 MHz : 8.155 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

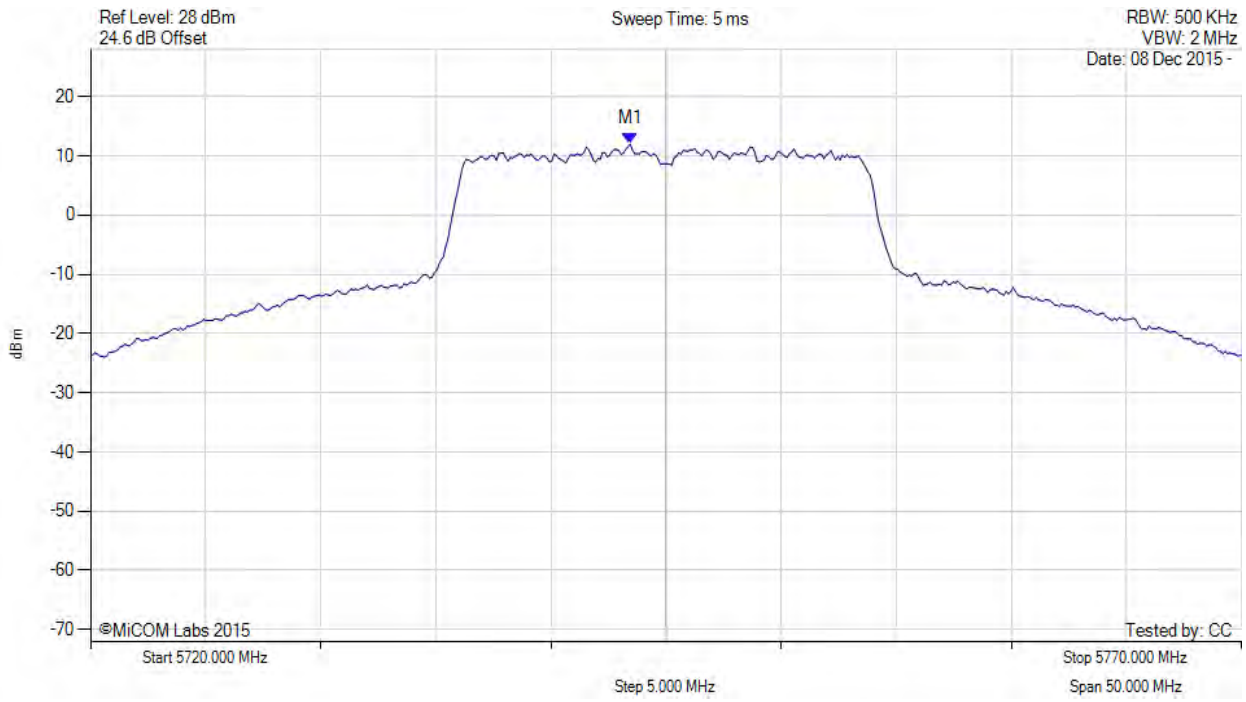


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5746.253 MHz : 7.848 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

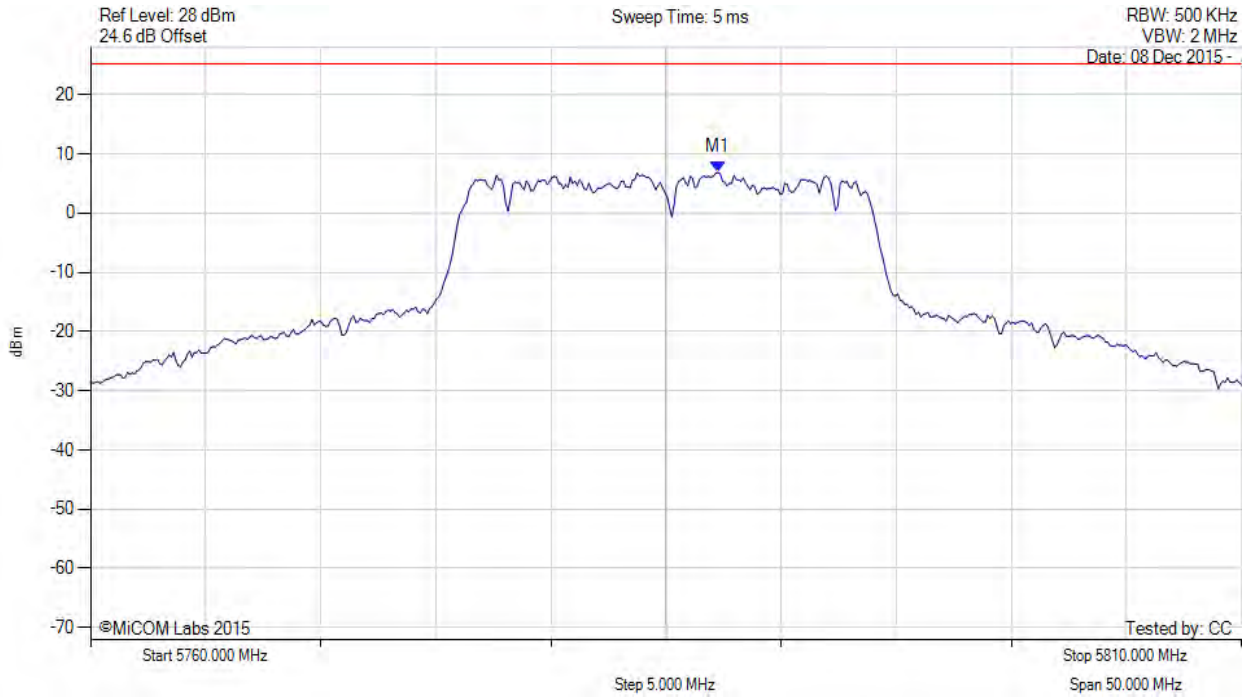


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.400 MHz : 11.986 dBm M1 + DCCF : 5743.400 MHz : 12.301 dBm Duty Cycle Correction Factor : +0.32 dB	Limit: ≤ 30.0 dBm Margin: -17.7 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

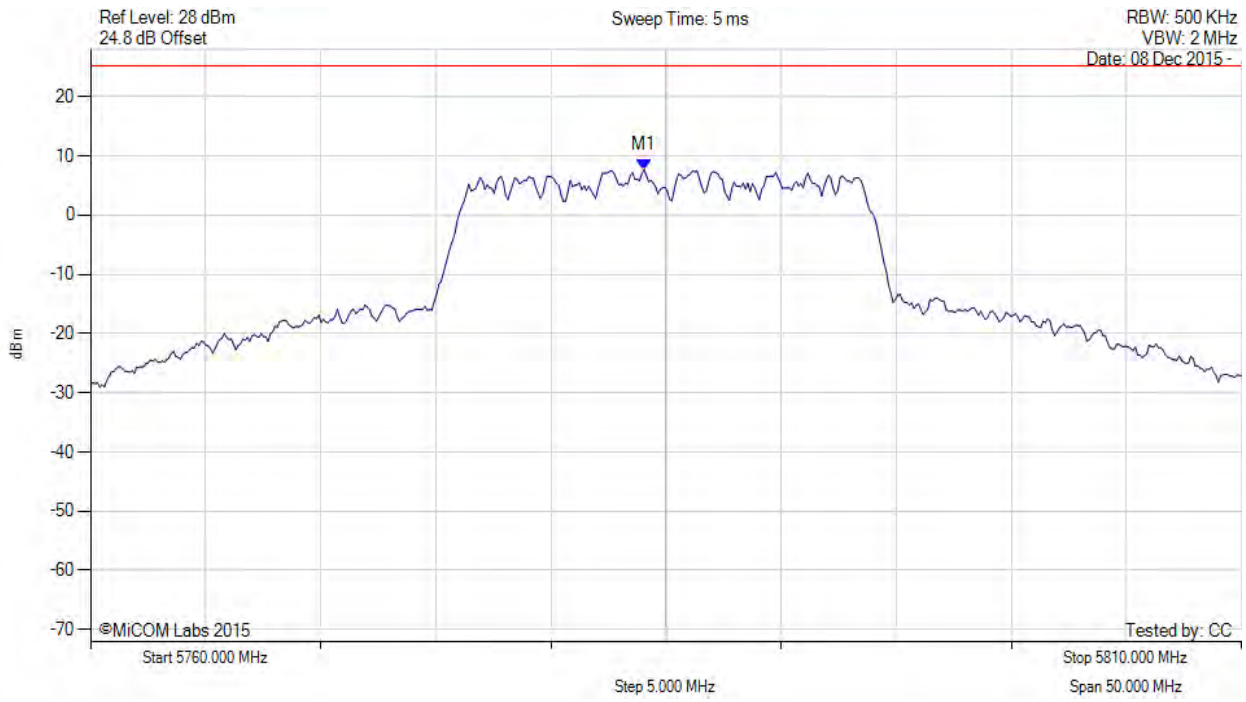


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5787.255 MHz : 6.859 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

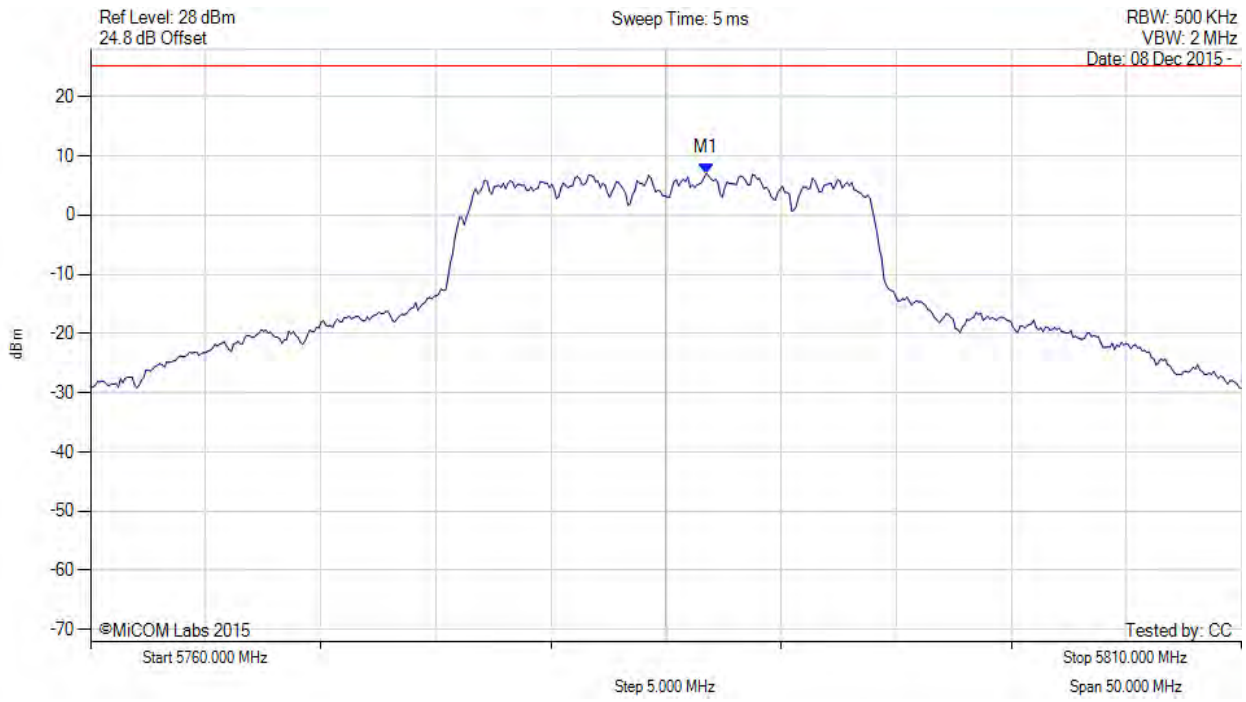


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5784.048 MHz : 7.680 dBm	Channel Frequency: 5785.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

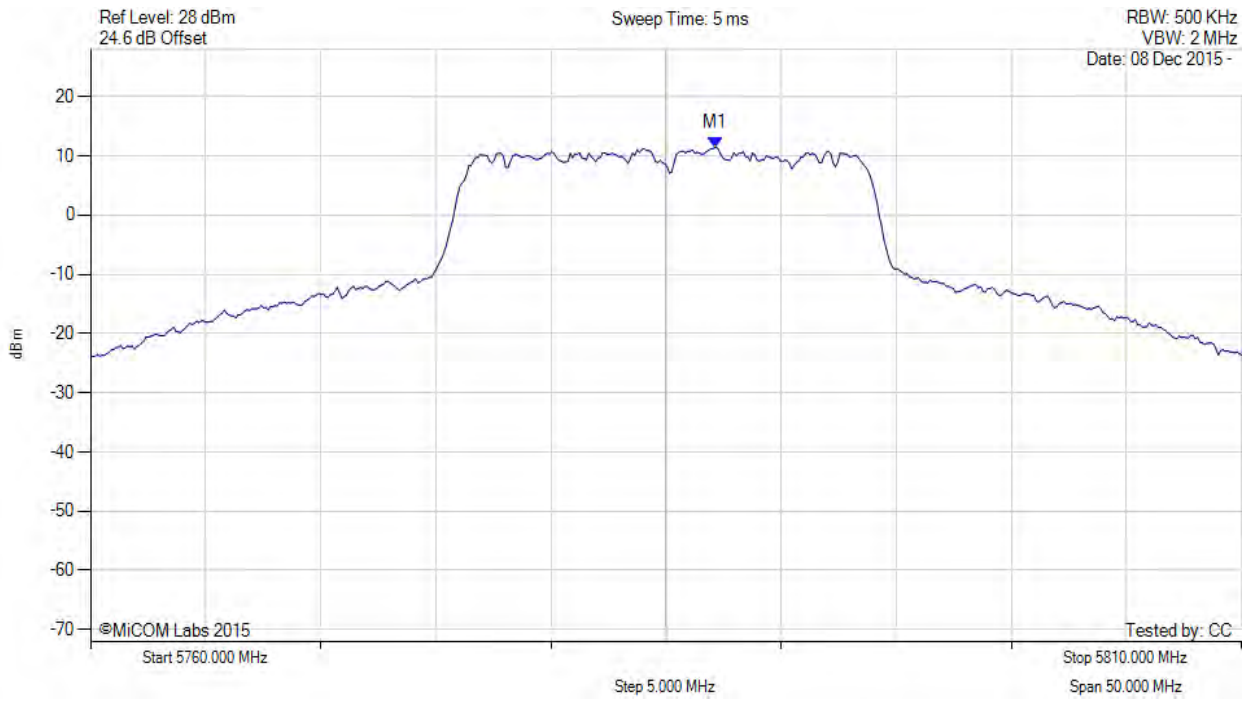


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5786.754 MHz : 7.061 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

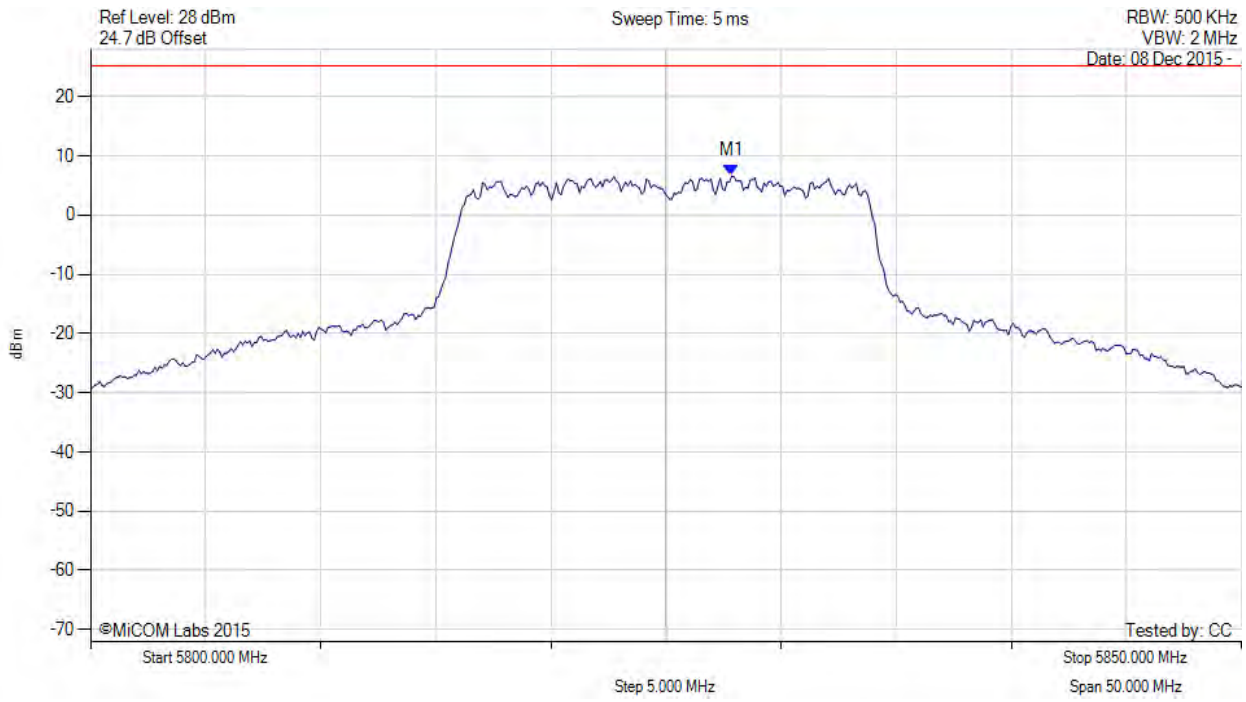


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5787.200 MHz : 11.449 dBm M1 + DCCF : 5787.200 MHz : 11.764 dBm Duty Cycle Correction Factor : +0.32 dB	Limit: ≤ 30.0 dBm Margin: -18.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

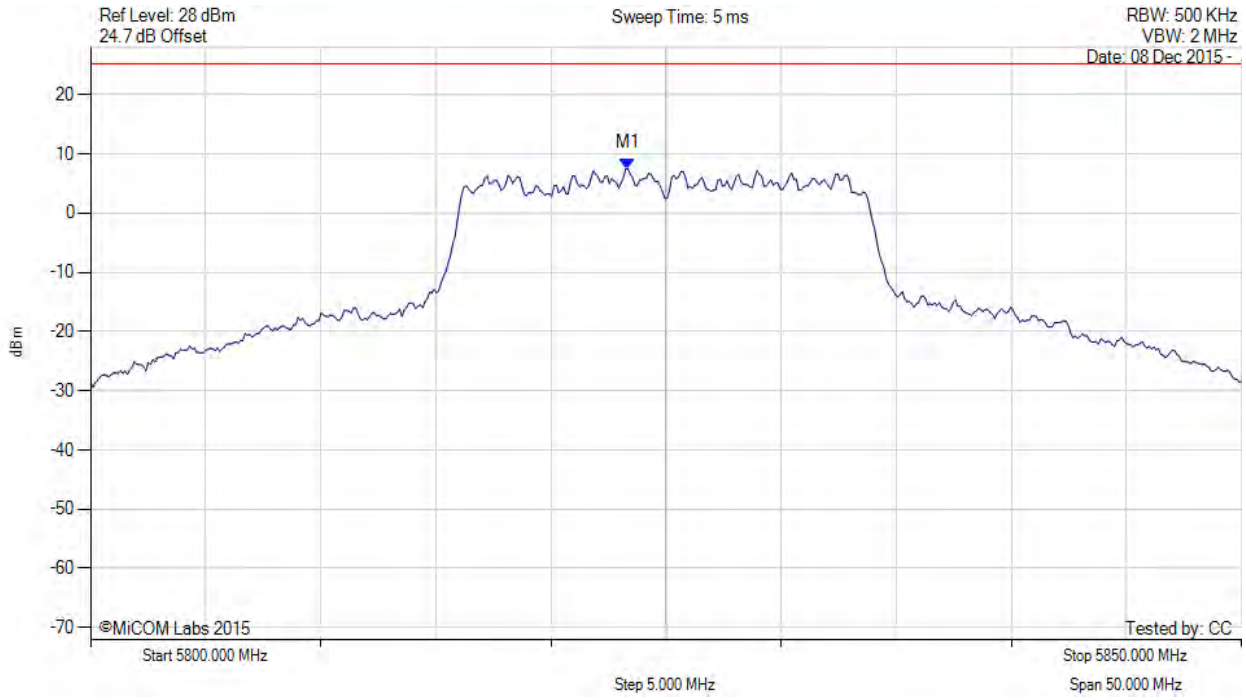


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5827.856 MHz : 6.613 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

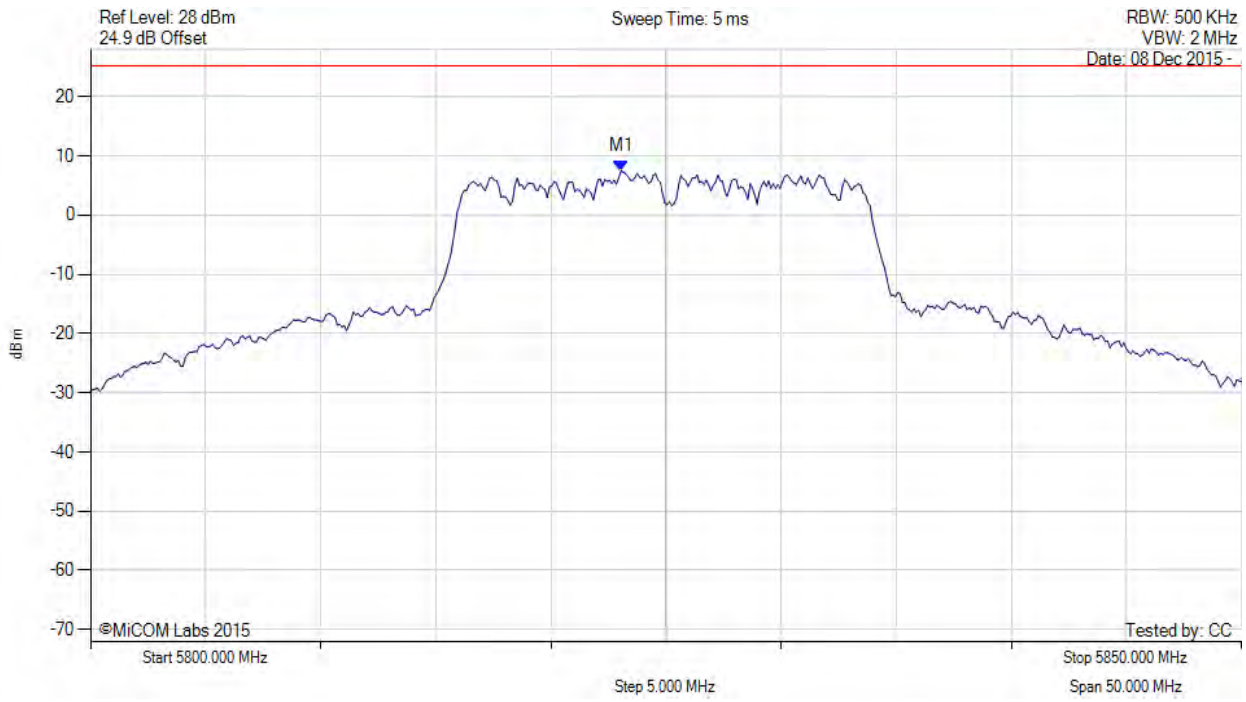


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.347 MHz : 7.534 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

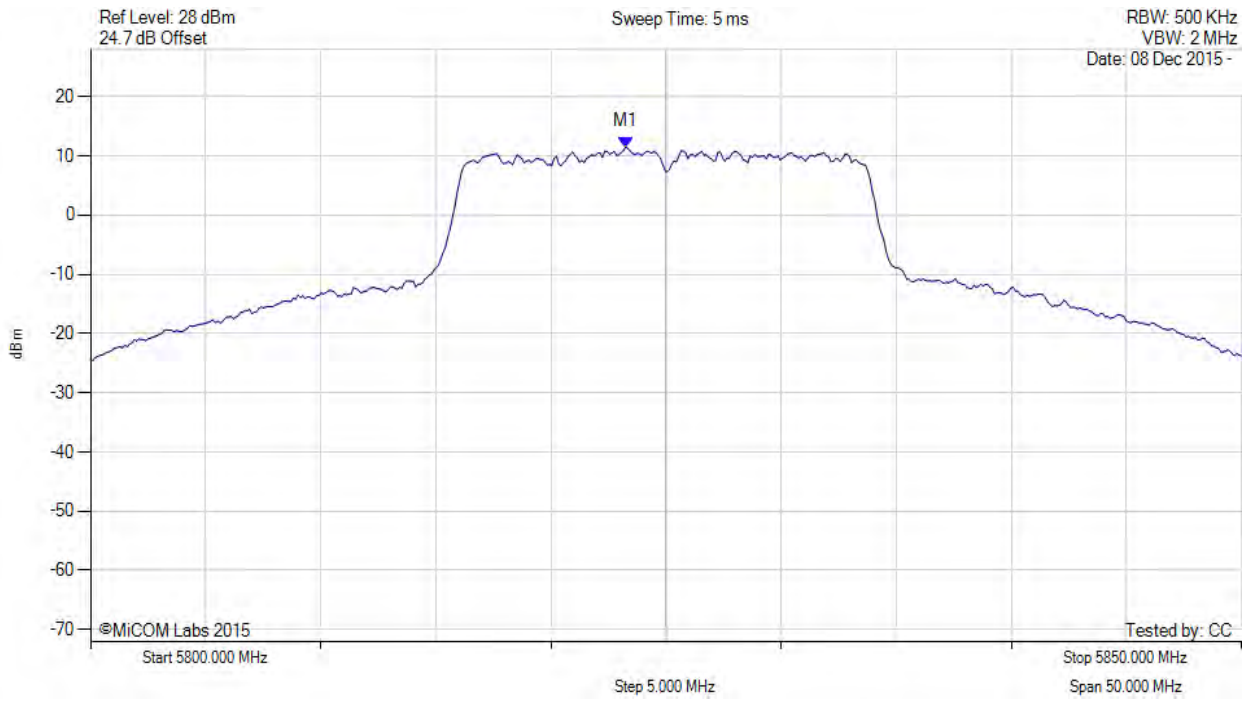


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.046 MHz : 7.464 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

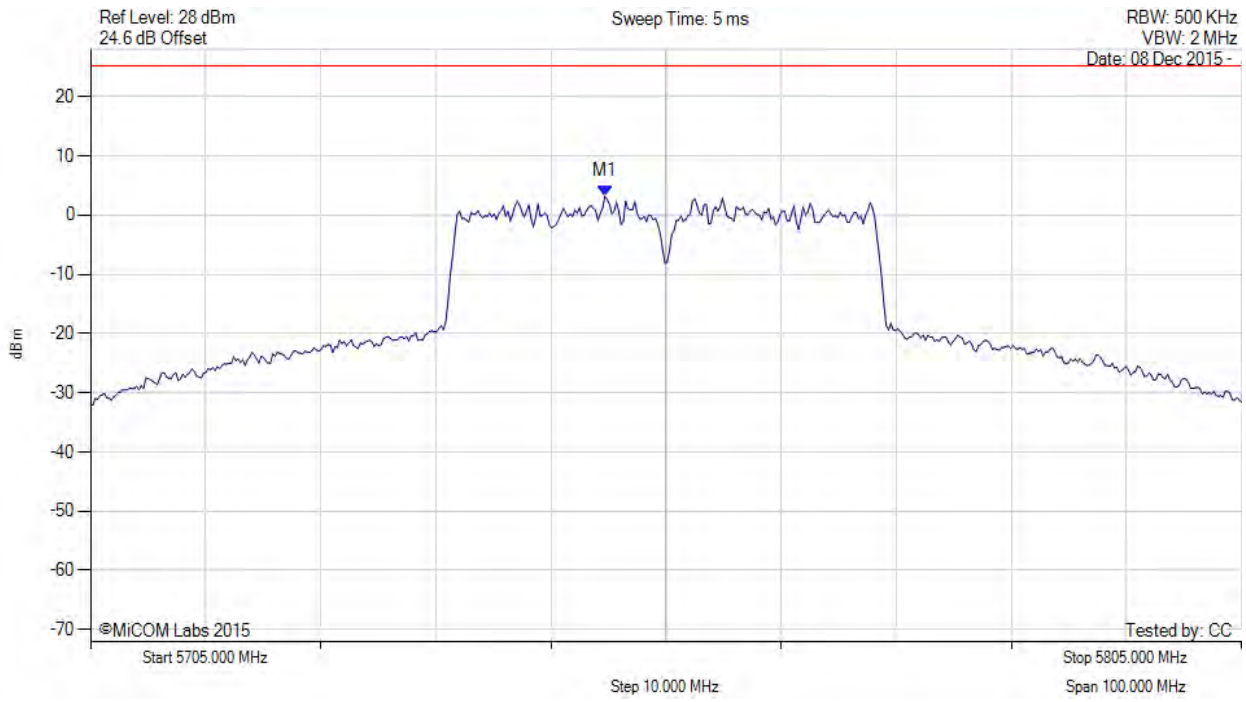


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.200 MHz : 11.501 dBm M1 + DCCF : 5823.200 MHz : 11.816 dBm Duty Cycle Correction Factor : +0.32 dB	Limit: ≤ 30.0 dBm Margin: -18.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

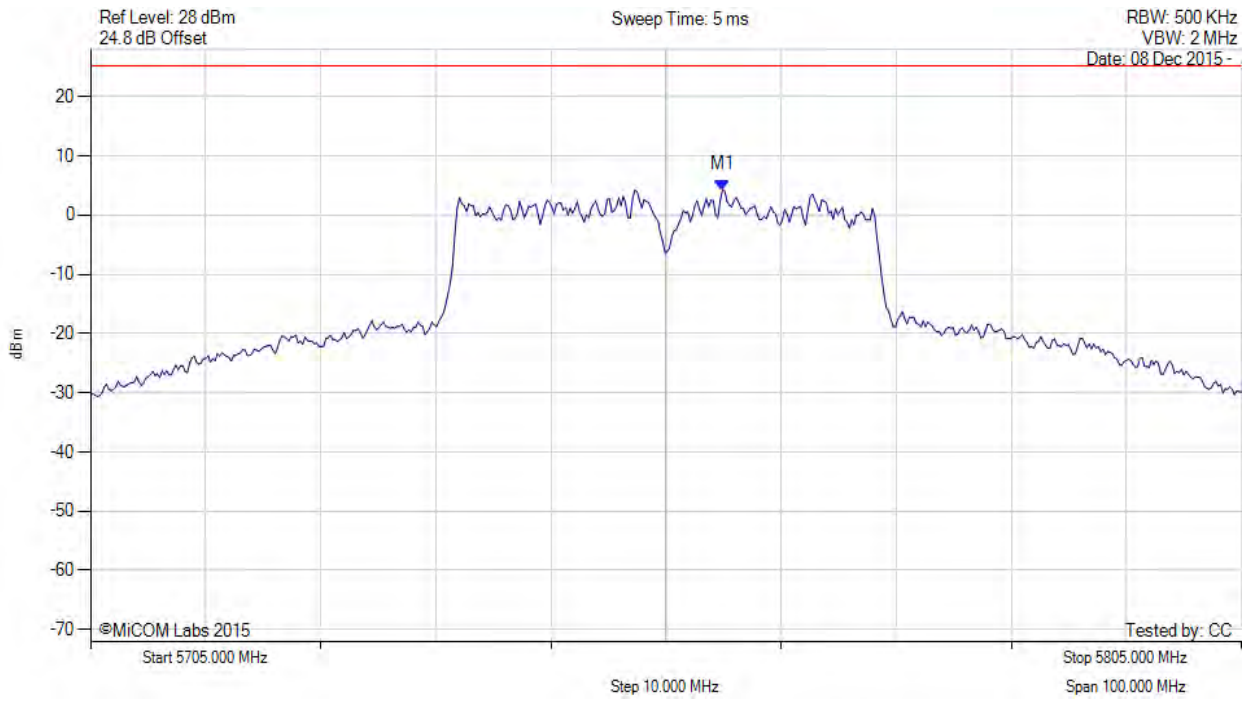


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5749.689 MHz : 3.157 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

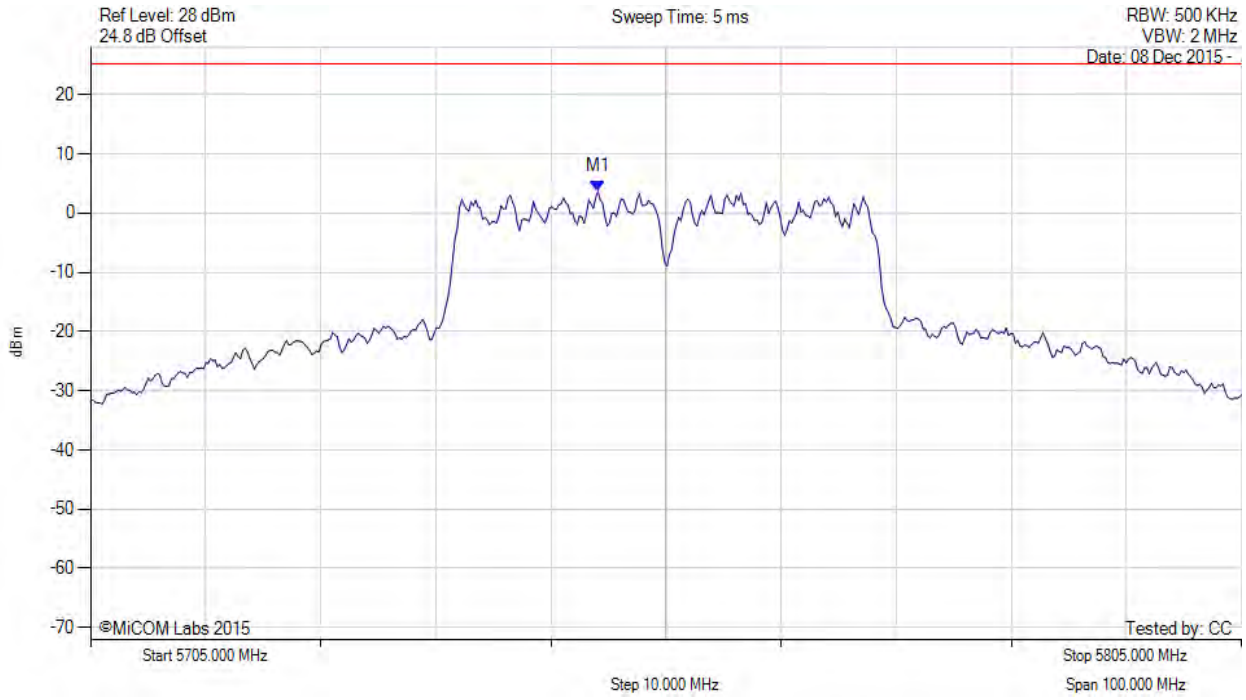


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5759.910 MHz : 4.254 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

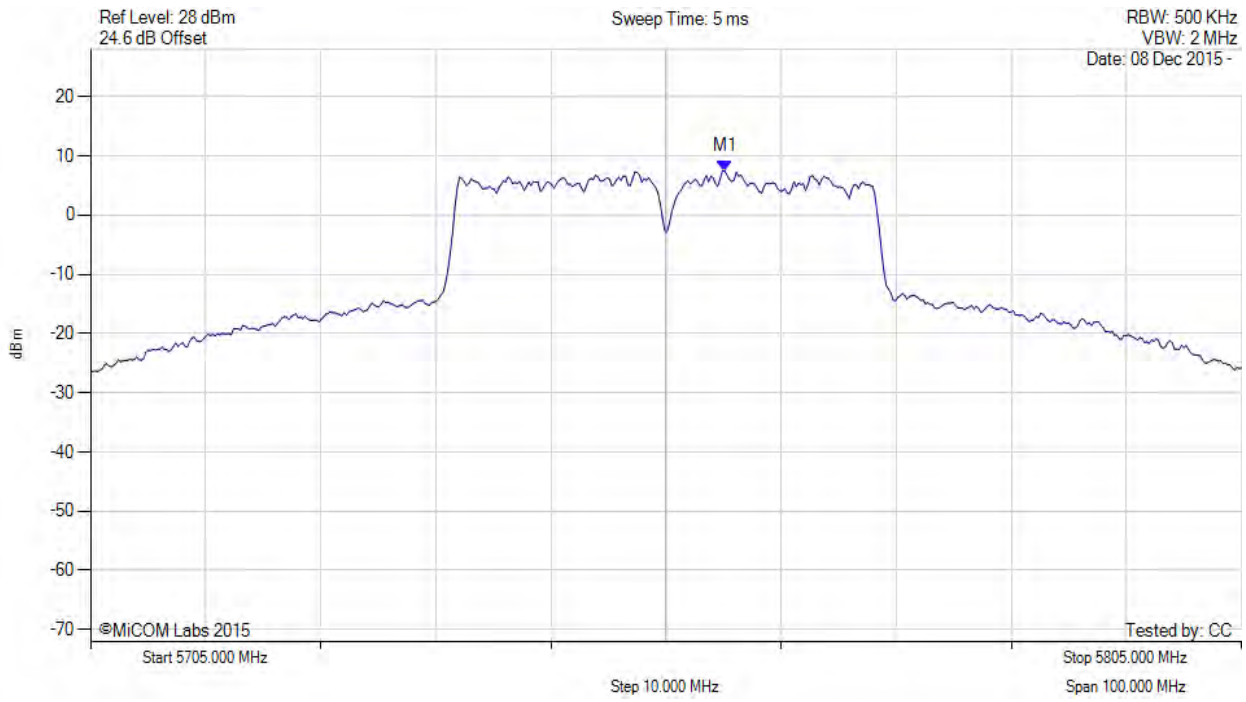


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5749.088 MHz : 3.660 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5755.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

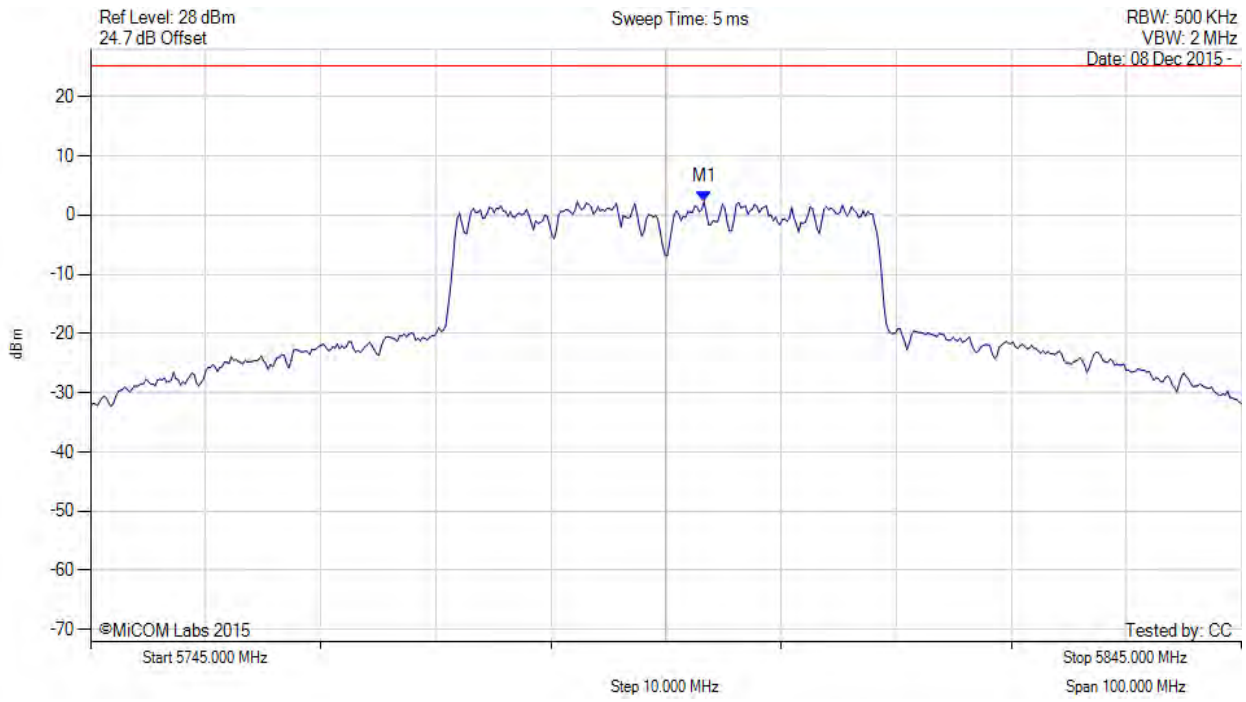


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5760.100 MHz : 7.472 dBm M1 + DCCF : 5760.100 MHz : 8.496 dBm Duty Cycle Correction Factor : +1.02 dB	Limit: ≤ 30.0 dBm Margin: -21.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc

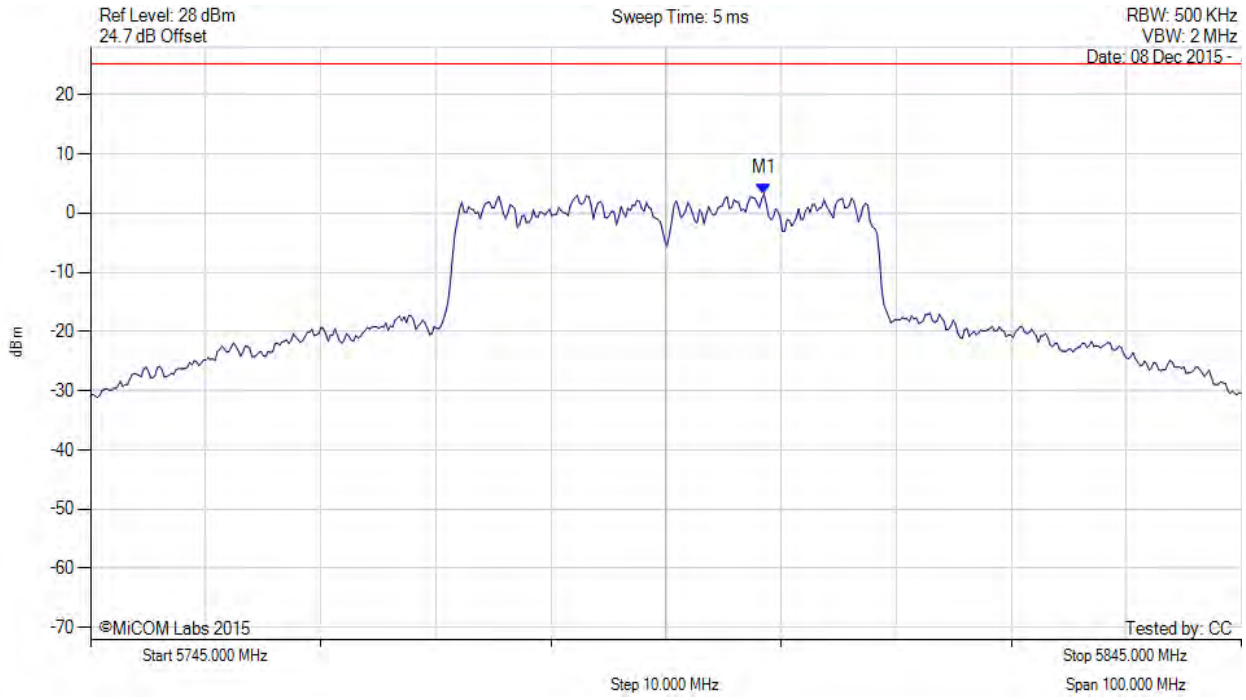


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5798.307 MHz : 2.292 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc

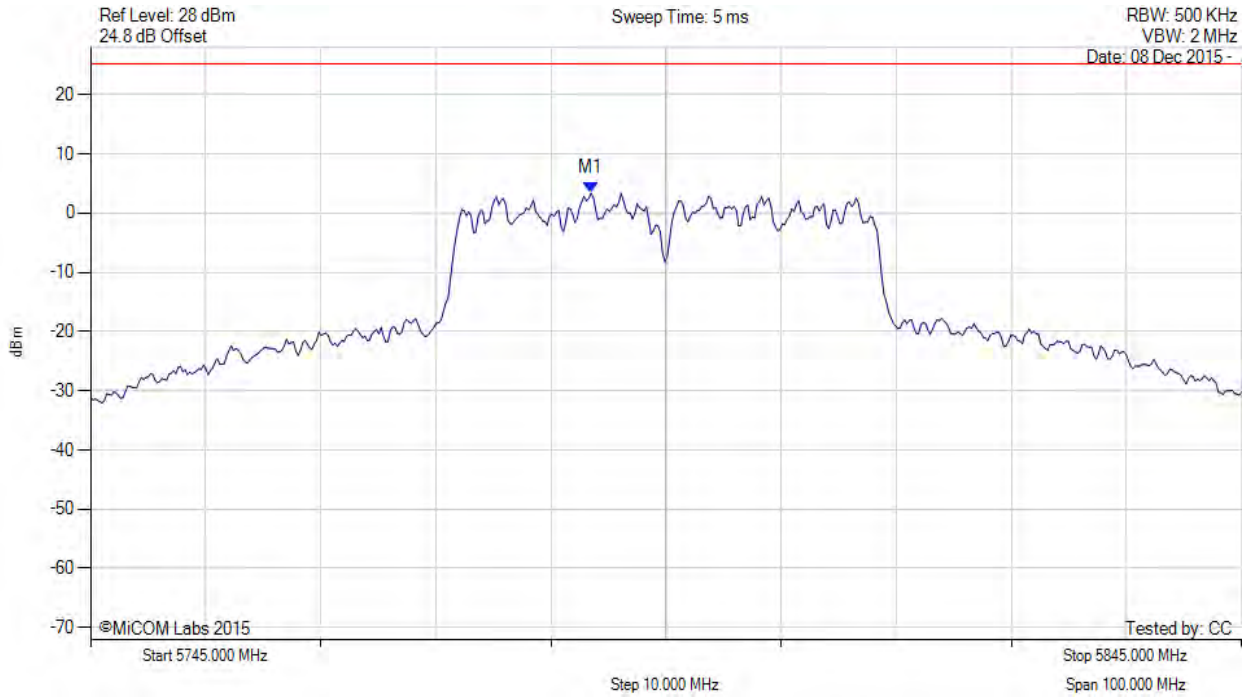


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5803.517 MHz : 3.304 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc

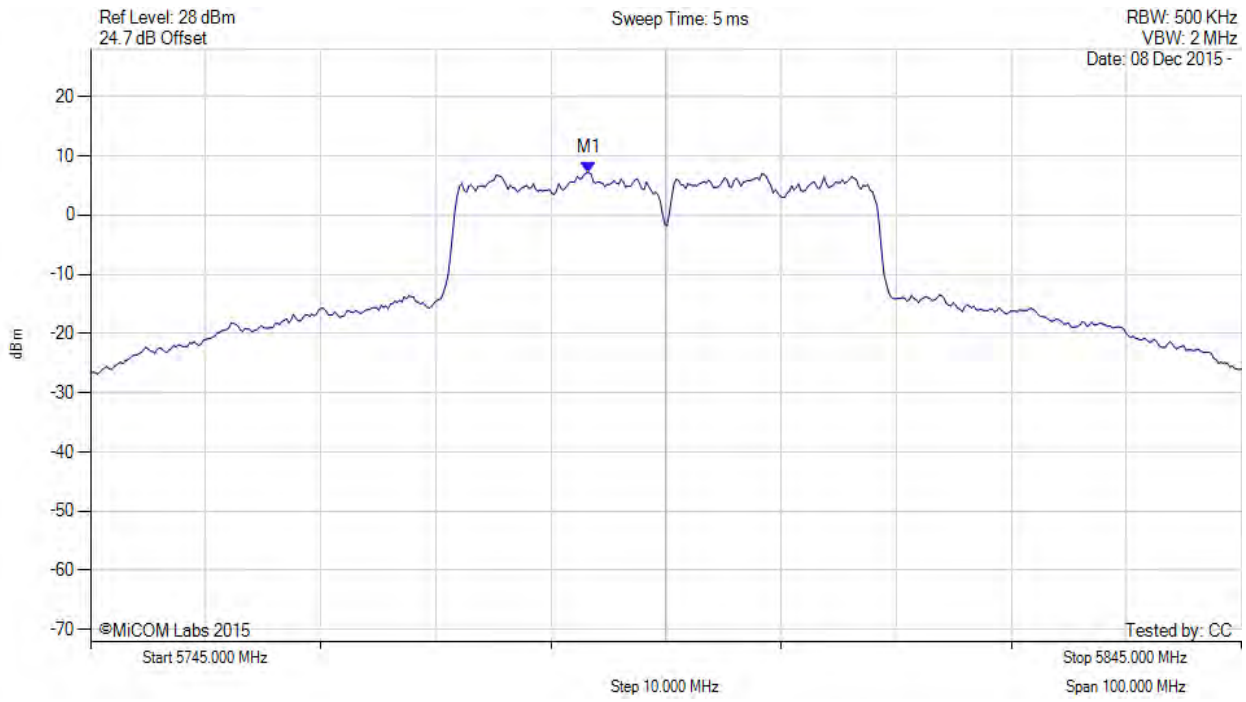


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5788.487 MHz : 3.376 dBm	Limit: ≤ 25.230 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5795.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc

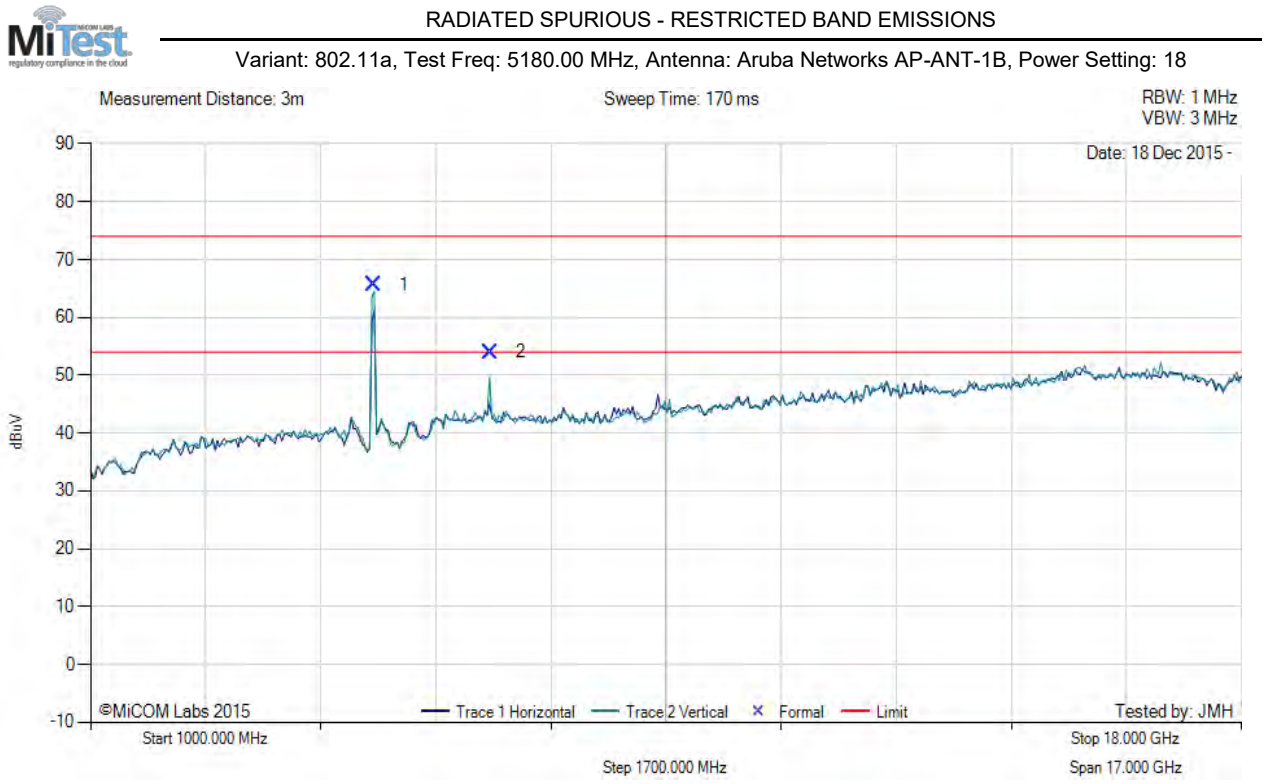


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5788.300 MHz : 7.147 dBm M1 + DCCF : 5788.300 MHz : 8.171 dBm Duty Cycle Correction Factor : +1.02 dB	Limit: ≤ 30.0 dBm Margin: -21.8 dB

back to matrix

A.3. Restricted Band Emissions

A.3.1 Antenna AP-ANT-1B

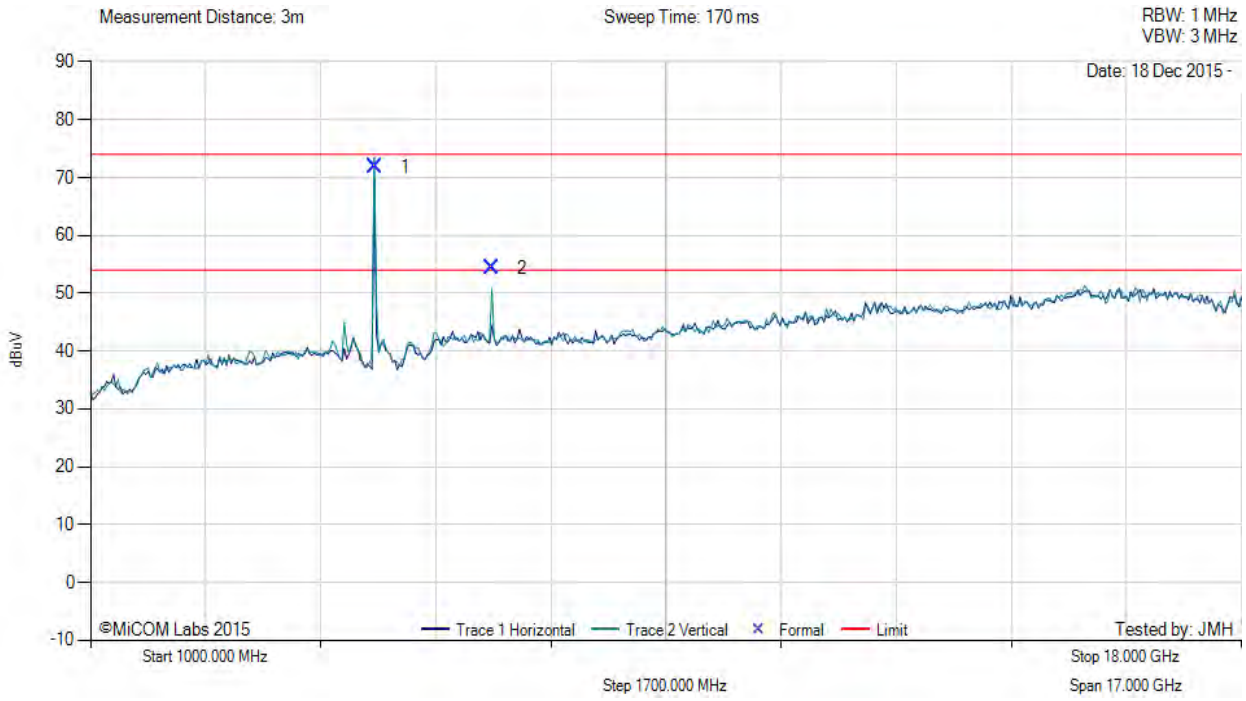


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5186.17	73.49	3.68	-11.49	65.68	Fundamental	Vertical	151	1	--	--	
2	6906.67	57.40	4.11	-7.54	53.97	Peak (NRB)	Vertical	148	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22

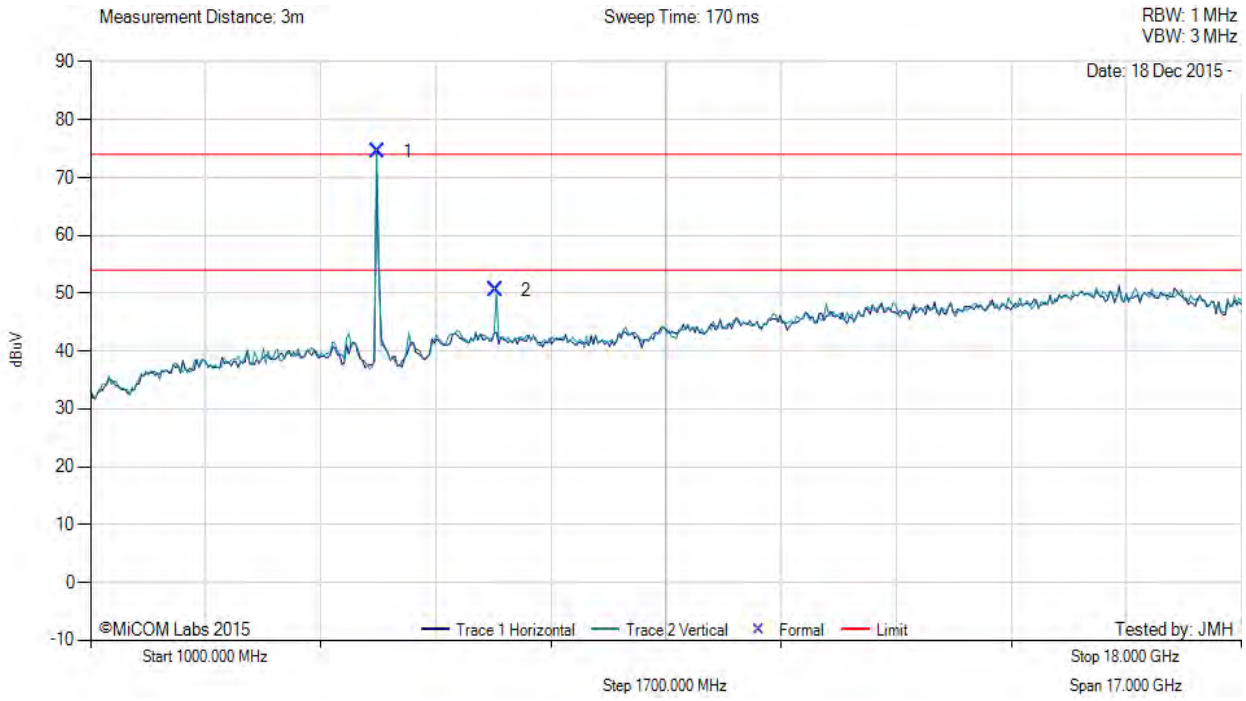


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5195.63	79.72	3.67	-11.47	71.92	Fundamental	Vertical	200	1	--	--	
2	6933.30	57.75	4.11	-7.49	54.37	Peak (NRB)	Vertical	148	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22

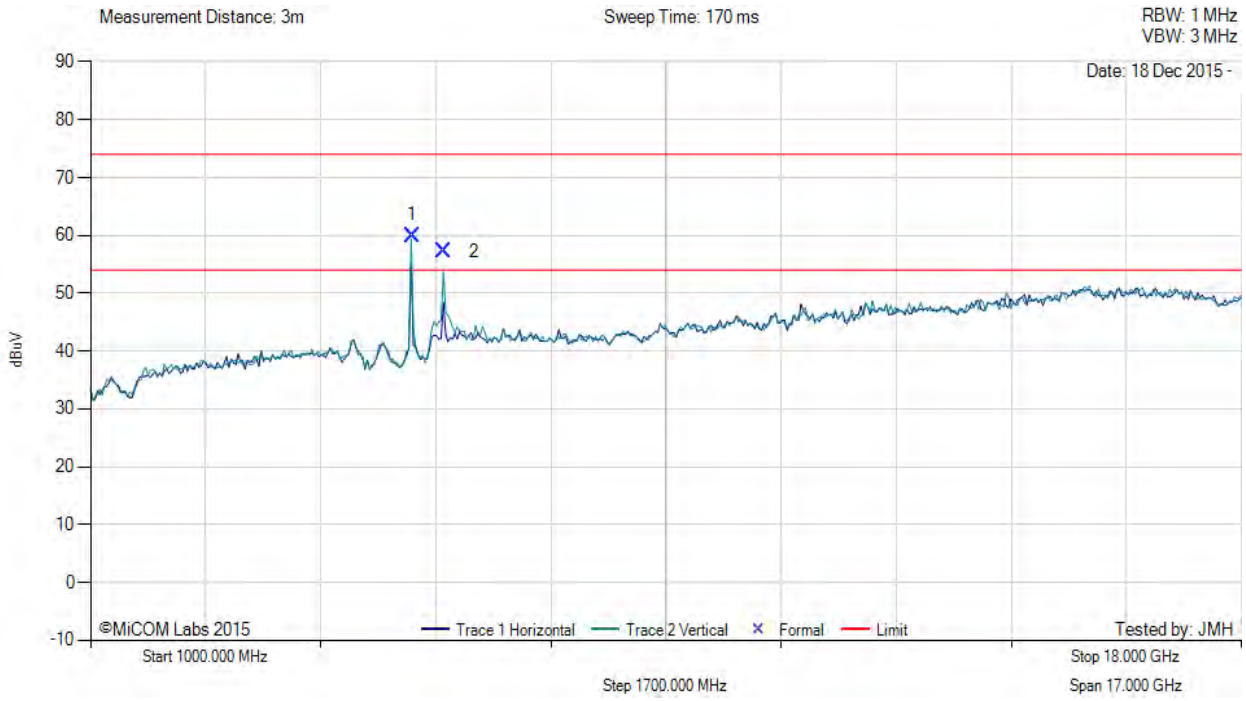


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5236.91	82.28	3.63	-11.37	74.54	Fundamental	Vertical	151	1	--	--	
2	6986.60	53.92	4.13	-7.45	50.60	Peak (NRB)	Vertical	151	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22

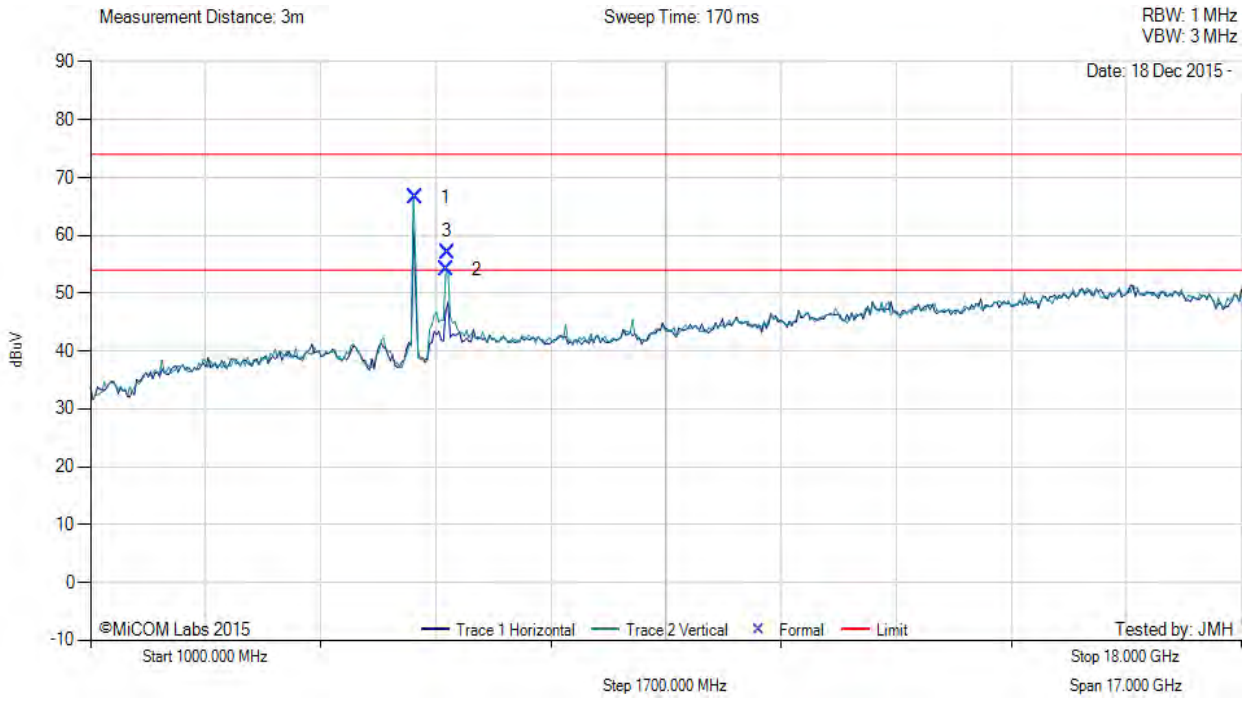


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5751.30	66.75	3.84	-10.63	59.96	Fundamental	Vertical	200	1	--	--	
2	6218.95	62.05	3.92	-8.78	57.19	Peak (NRB)	Vertical	198	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22

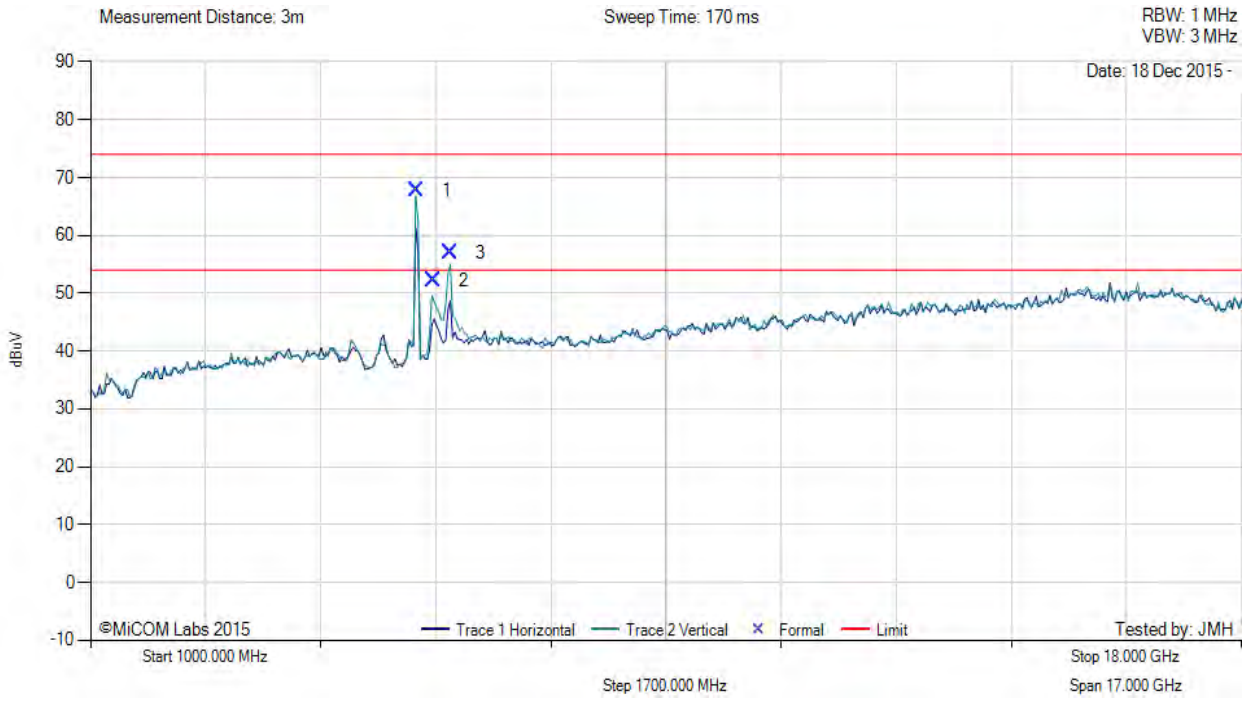


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5790.62	73.13	3.79	-10.41	66.51	Fundamental	Vertical	200	1	--	--	
2	6261.84	58.74	3.93	-8.54	54.13	Peak (NRB)	Vertical	198	1	--	--	Pass
3	6270.98	61.69	3.92	-8.51	57.10	Peak (NRB)	Vertical	198	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

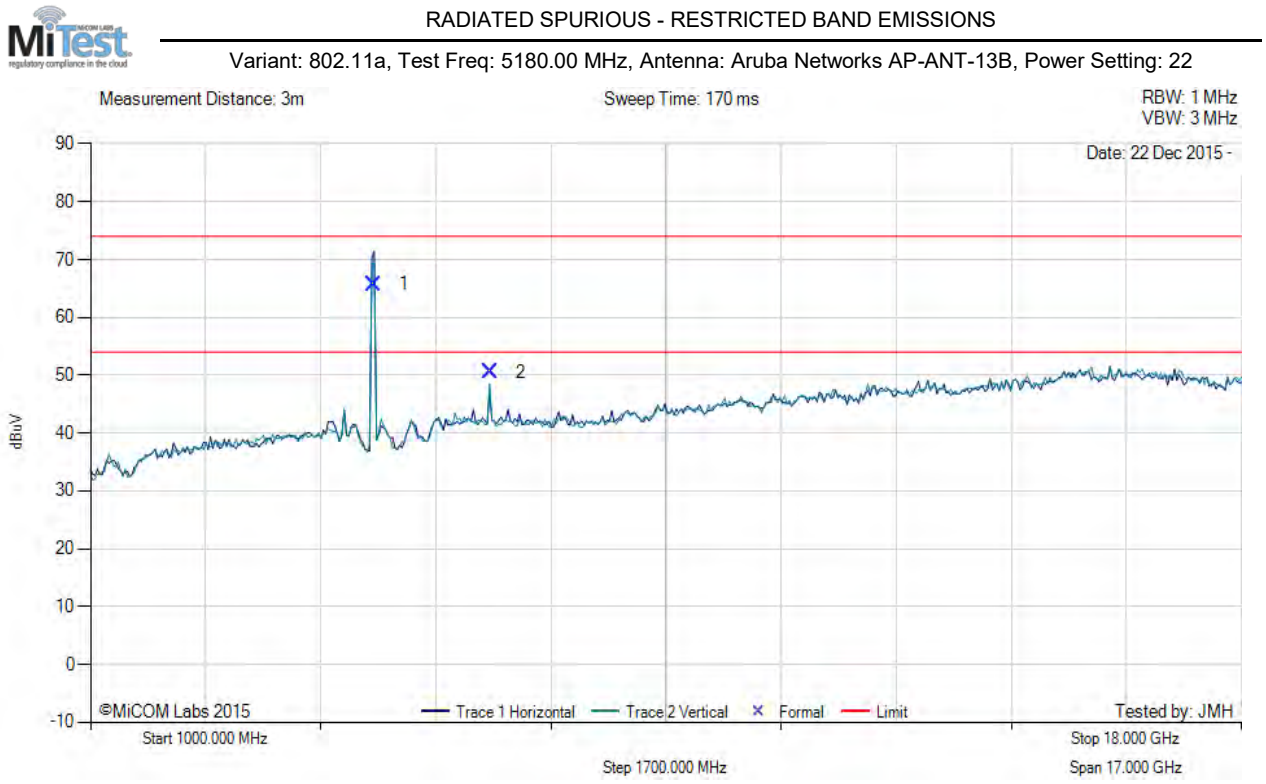
Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5820.56	74.15	3.83	-10.26	67.72	Fundamental	Vertical	151	1	--	--	
2	6067.09	57.87	3.88	-9.61	52.14	Peak (NRB)	Vertical	151	0	--	--	Pass
3	6308.98	61.47	3.92	-8.38	57.01	Peak (NRB)	Vertical	151	0	--	--	Pass

back to matrix

A.3.2 Antenna AP-ANT-13B



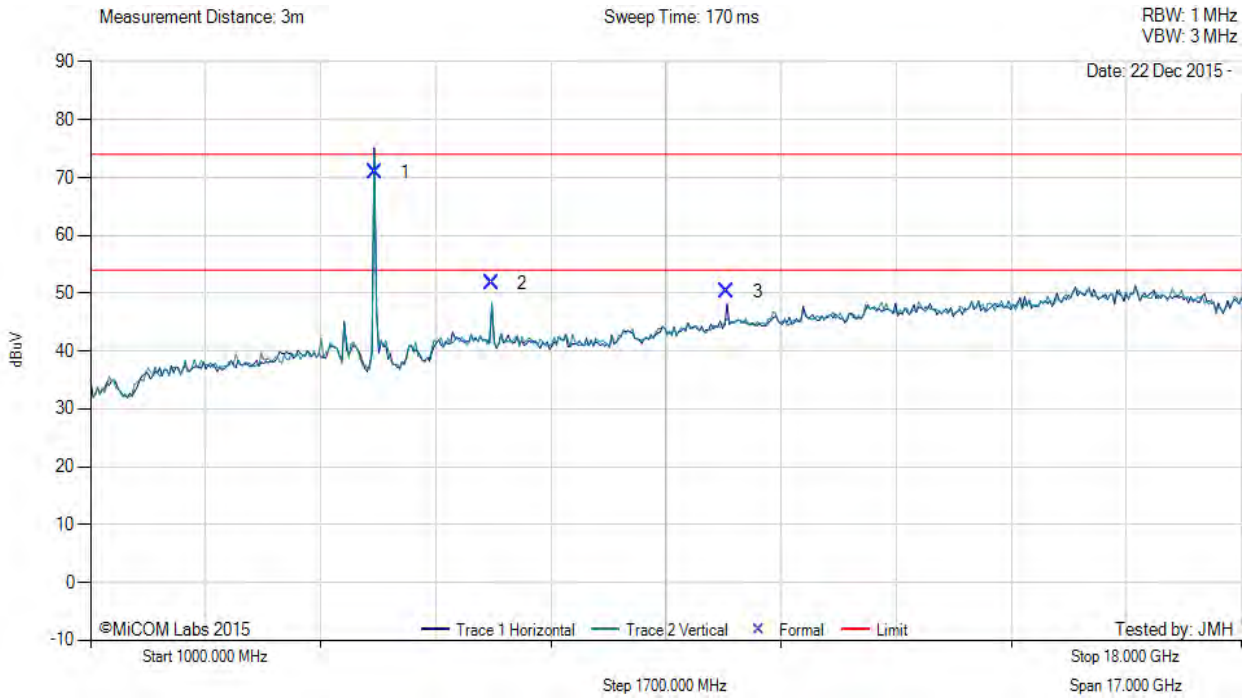
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5178.67	73.57	3.69	-11.51	65.75	Fundamental	Horizontal	151	1	--	--	
2	6906.58	53.97	4.11	-7.54	50.54	Peak (NRB)	Vertical	151	14	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



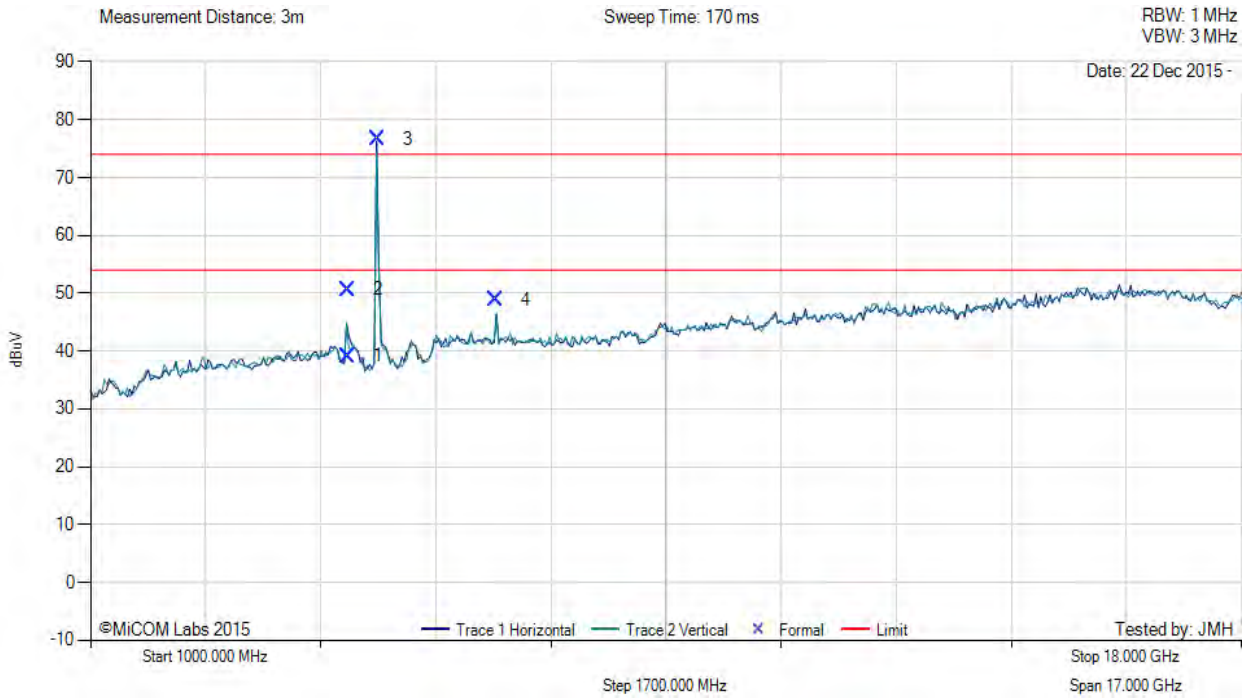
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5198.68	78.74	3.66	-11.47	70.93	Fundamental	Horizontal	101	1	--	--	
2	6933.35	55.17	4.11	-7.49	51.79	Peak (NRB)	Vertical	153	0	--	--	Pass
3	10402.05	49.87	5.42	-5.02	50.27	Peak (NRB)	Horizontal	153	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



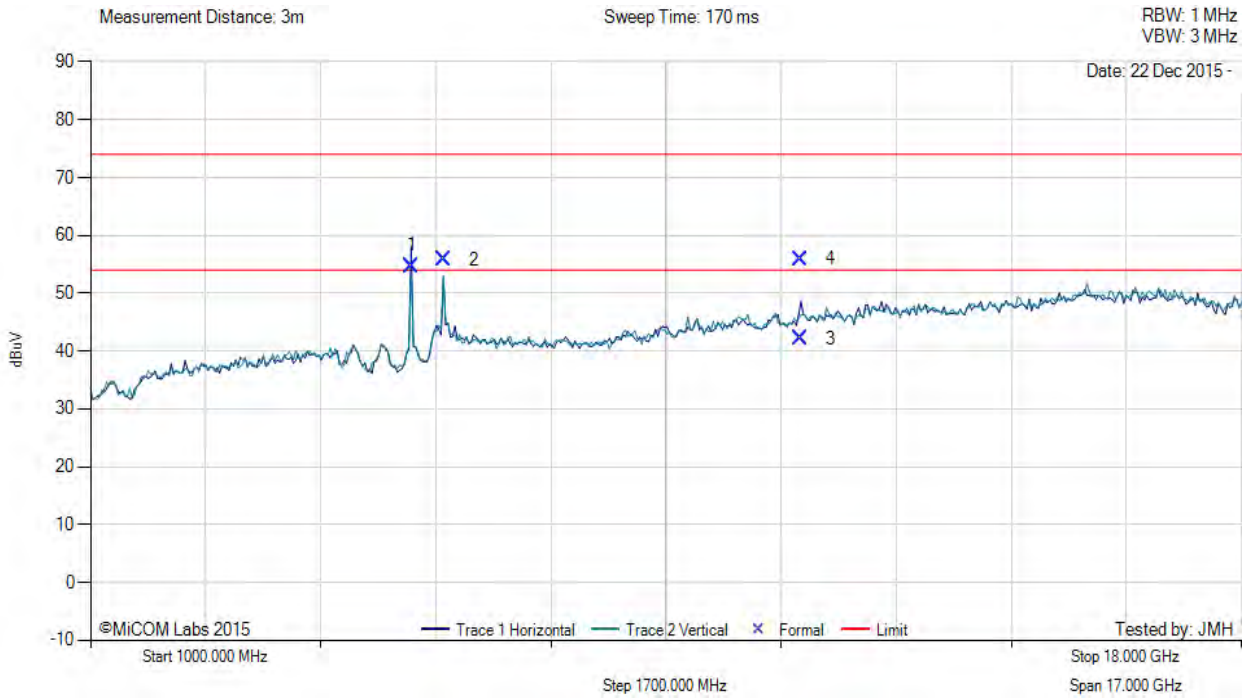
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4802.36	46.77	3.51	-11.12	39.16	Max Avg	Horizontal	159	21	54.0	-14.8	Pass
2	4802.36	58.26	3.51	-11.12	50.65	Max Peak	Horizontal	159	21	74.0	-23.4	Pass
3	5239.00	84.39	3.63	-11.37	76.65	Fundamental	Horizontal	151	40	--	--	
4	6986.64	52.11	4.13	-7.45	48.79	Peak (NRB)	Horizontal	151	16	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



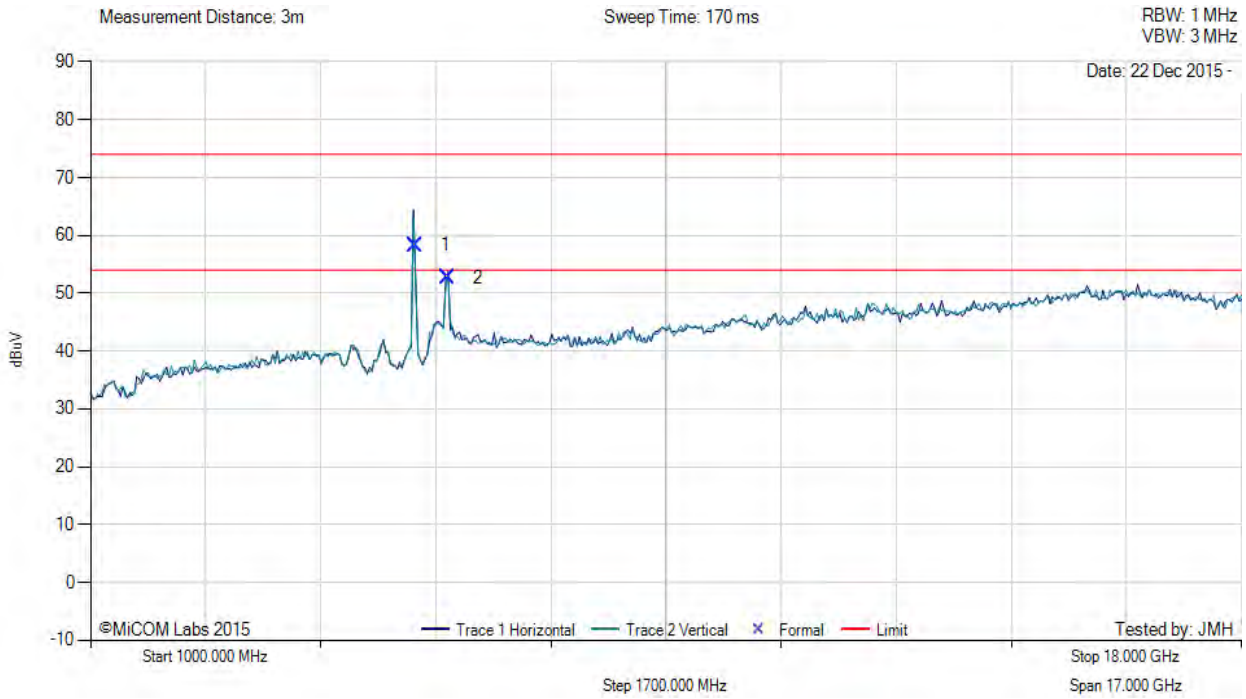
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5749.30	61.48	3.85	-10.63	54.70	Fundamental	Horizontal	151	50	--	--	
2	6216.43	60.63	3.91	-8.80	55.74	Peak (NRB)	Vertical	151	0	--	--	Pass
3	11489.54	41.55	5.45	-4.84	42.16	Max Avg	Horizontal	107	321	54.0	-11.8	Pass
4	11489.54	55.31	5.45	-4.84	55.92	Max Peak	Horizontal	107	321	74.0	-18.1	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



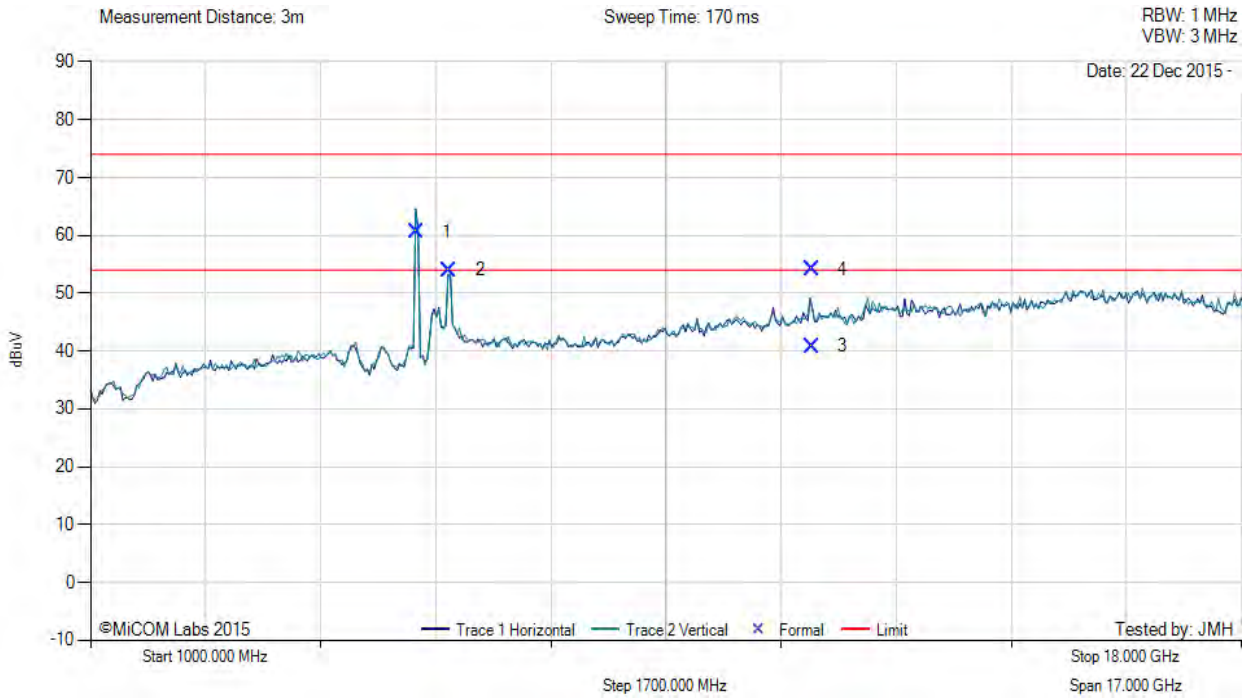
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5792.15	64.91	3.78	-10.40	58.29	Fundamental	Horizontal	151	1	--	--	
2	6270.98	57.22	3.92	-8.51	52.63	Peak (NRB)	Horizontal	151	1	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22

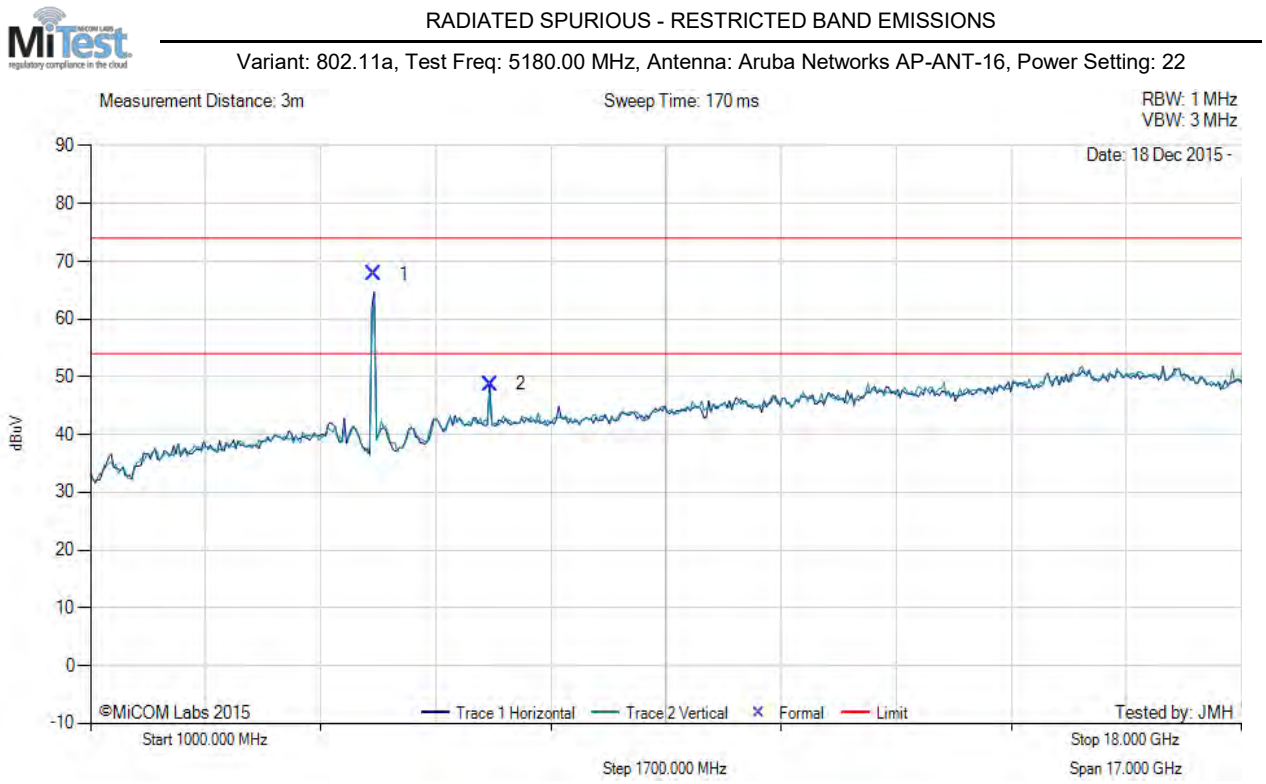


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5818.04	67.05	3.82	-10.28	60.59	Fundamental	Horizontal	101	1	--	--	
2	6304.57	58.49	3.94	-8.40	54.03	Peak (NRB)	Vertical	200	1	--	--	Pass
3	11650.18	39.87	5.44	-4.47	40.84	Max Avg	Horizontal	198	47	54.0	-13.2	Pass
4	11650.18	53.18	5.44	-4.47	54.15	Max Peak	Horizontal	198	47	74.0	-19.9	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

A.3.3 Antenna AP-ANT-16

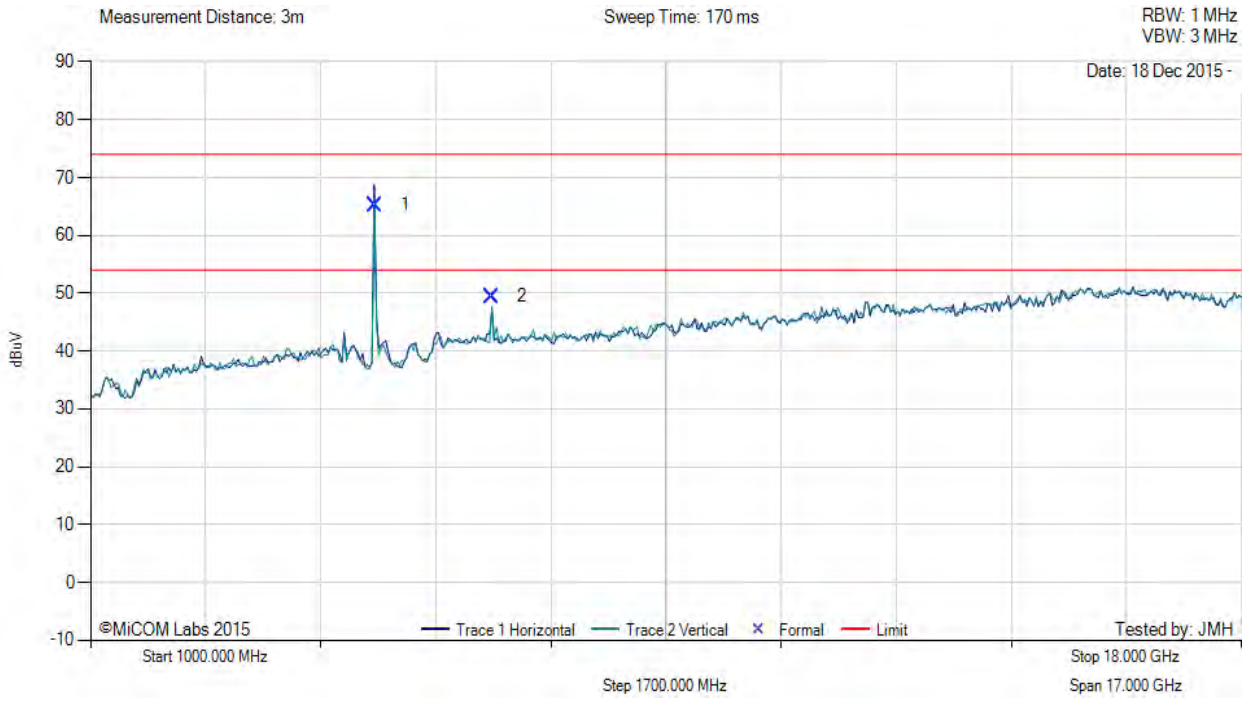


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5184.25	75.52	3.68	-11.49	67.71	Fundamental	Horizontal	153	360	--	--	
2	6906.59	52.12	4.11	-7.54	48.69	Peak (NRB)	Horizontal	146	360	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

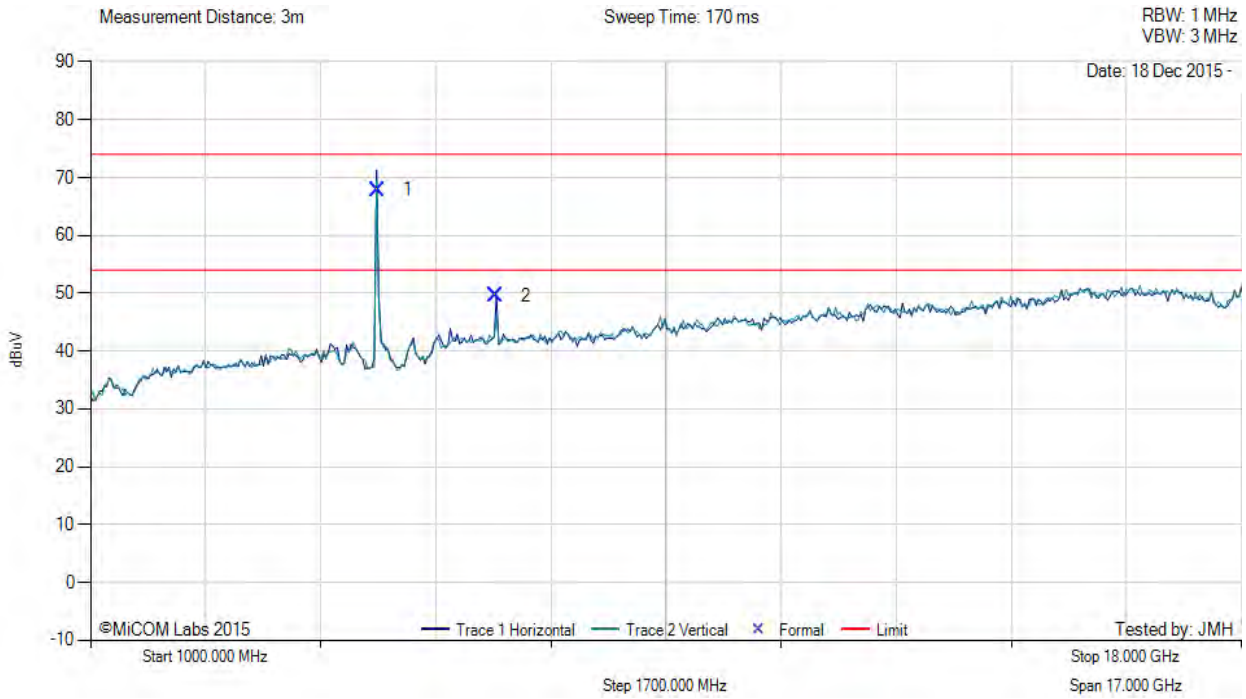


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5196.27	73.03	3.67	-11.47	65.23	Fundamental	Horizontal	100	1	--	--	
2	6933.32	52.81	4.11	-7.49	49.43	Peak (NRB)	Vertical	151	0	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

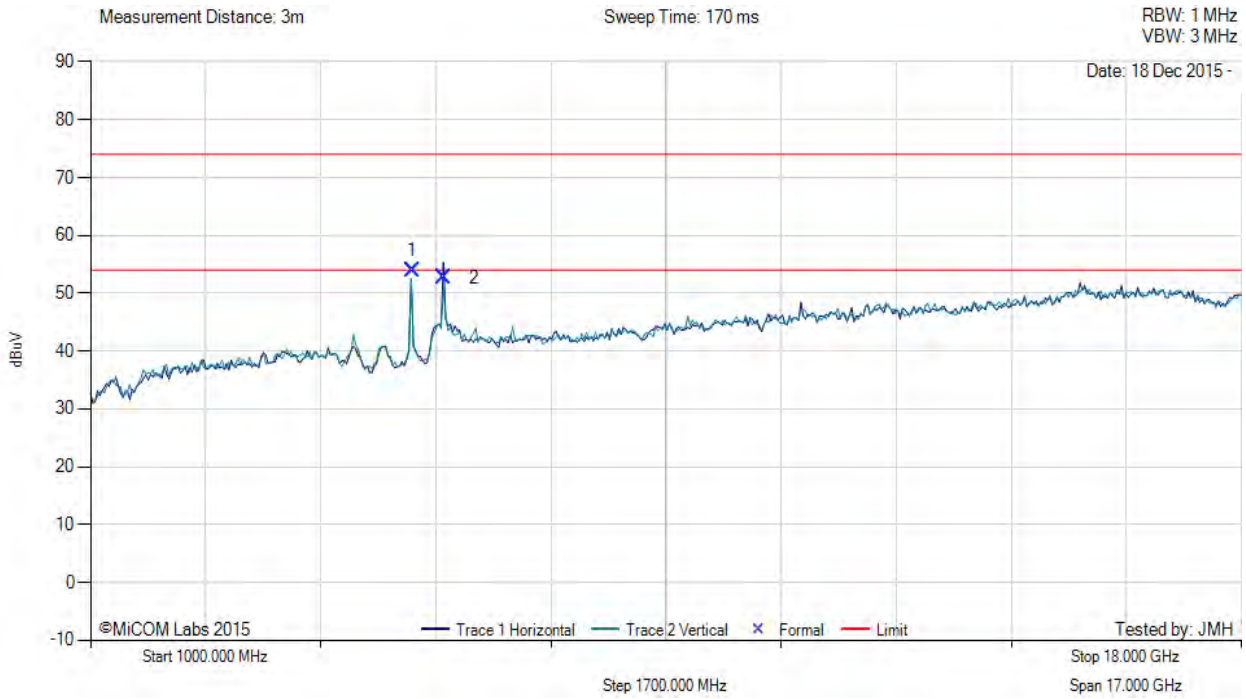


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5236.83	75.60	3.63	-11.37	67.86	Fundamental	Horizontal	101	0	--	--	
2	6986.57	52.83	4.13	-7.45	49.51	Peak (NRB)	Horizontal	142	125	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

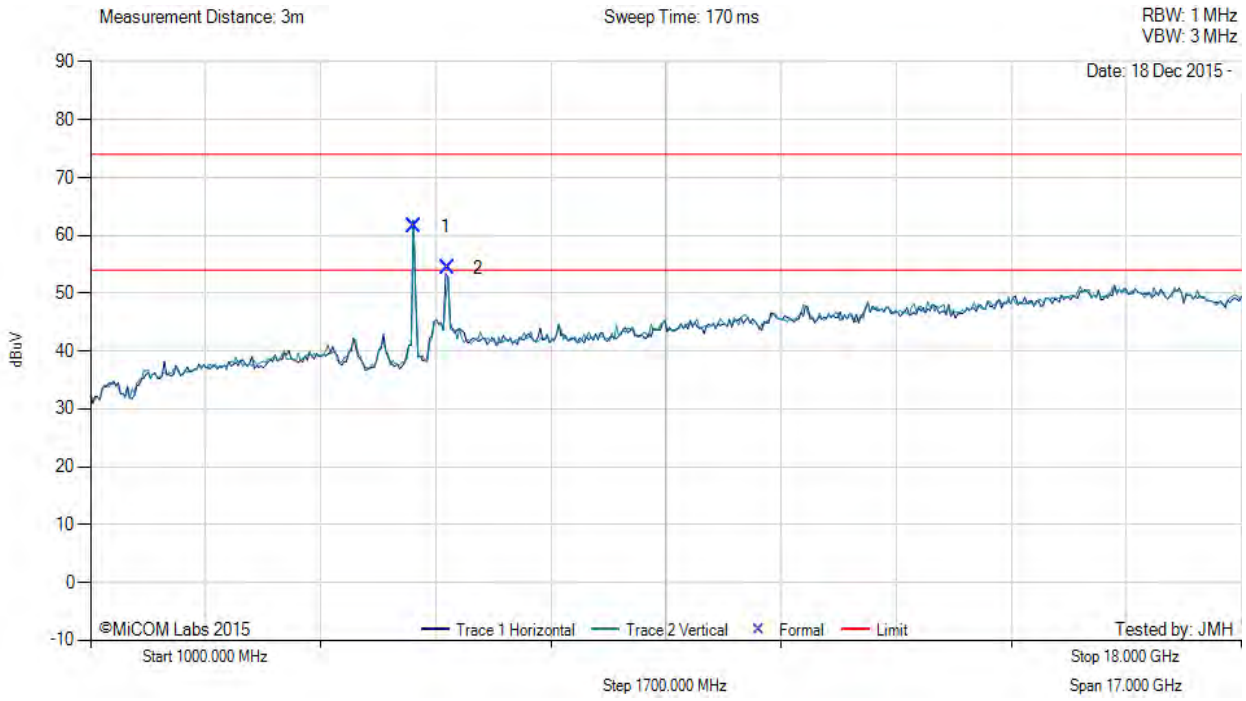


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5752.34	60.61	3.84	-10.62	53.83	Fundamental	Horizontal	151	59	--	--	
2	6222.40	57.53	3.92	-8.76	52.69	Peak (NRB)	Horizontal	151	59	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

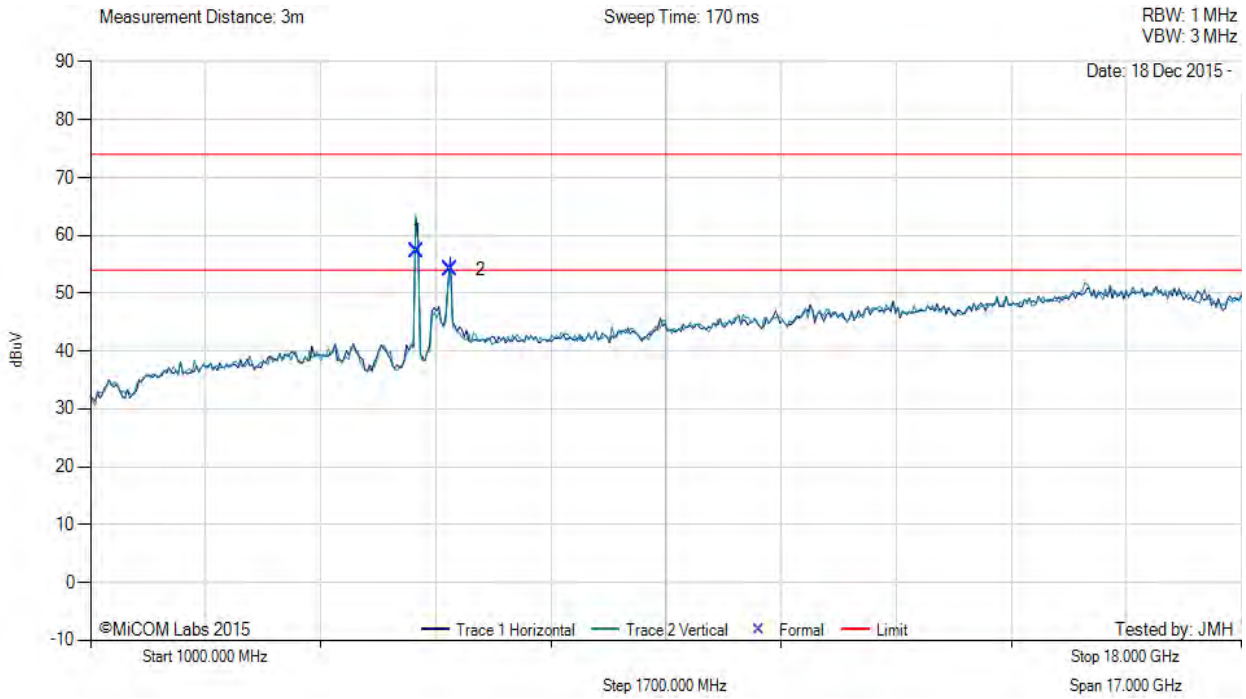


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5787.70	68.24	3.79	-10.43	61.60	Fundamental	Horizontal	101	13	--	--	
2	6269.58	58.94	3.93	-8.51	54.36	Peak (NRB)	Horizontal	101	13	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

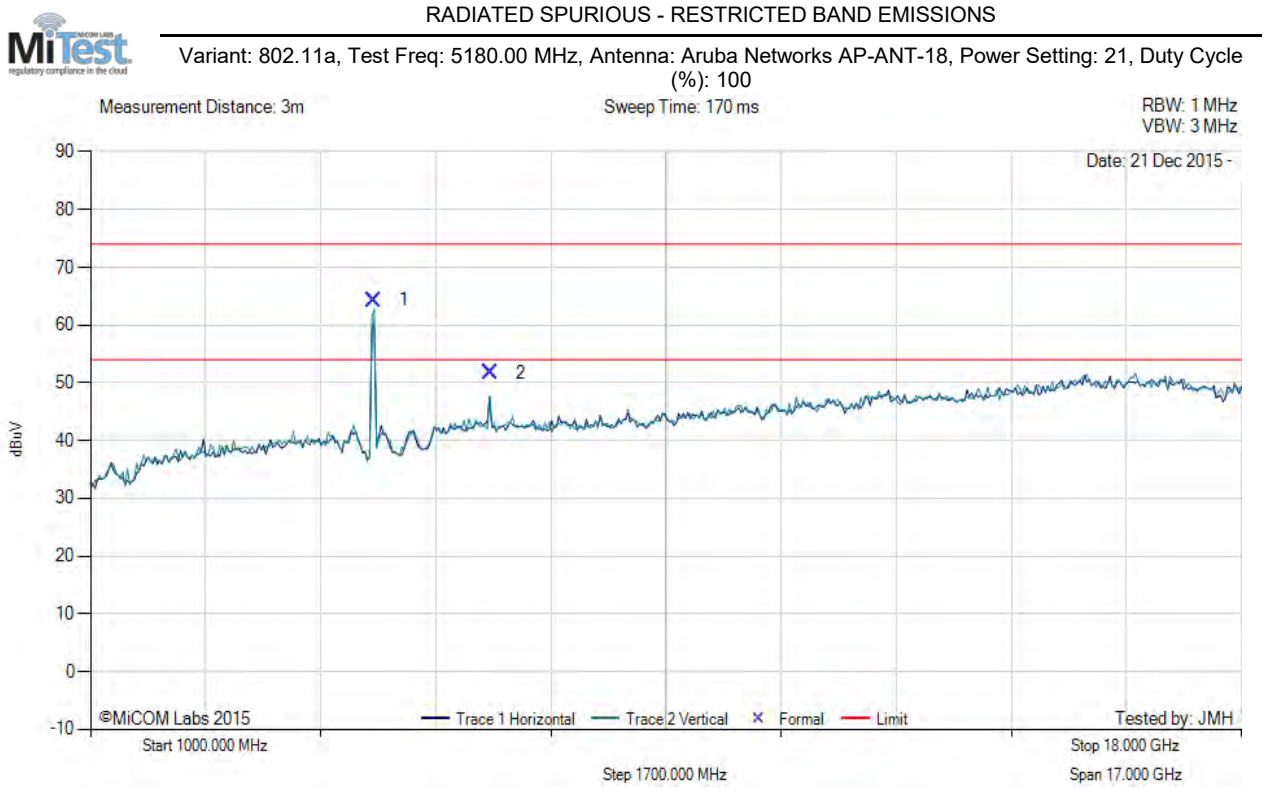
Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5820.00	63.74	3.83	-10.26	57.31	Fundamental	Horizontal	200	1	--	--	
2	6305.85	58.53	3.93	-8.39	54.07	Peak (NRB)	Horizontal	200	36	--	--	Pass

back to matrix

A.3.4 Antenna AP-ANT-18



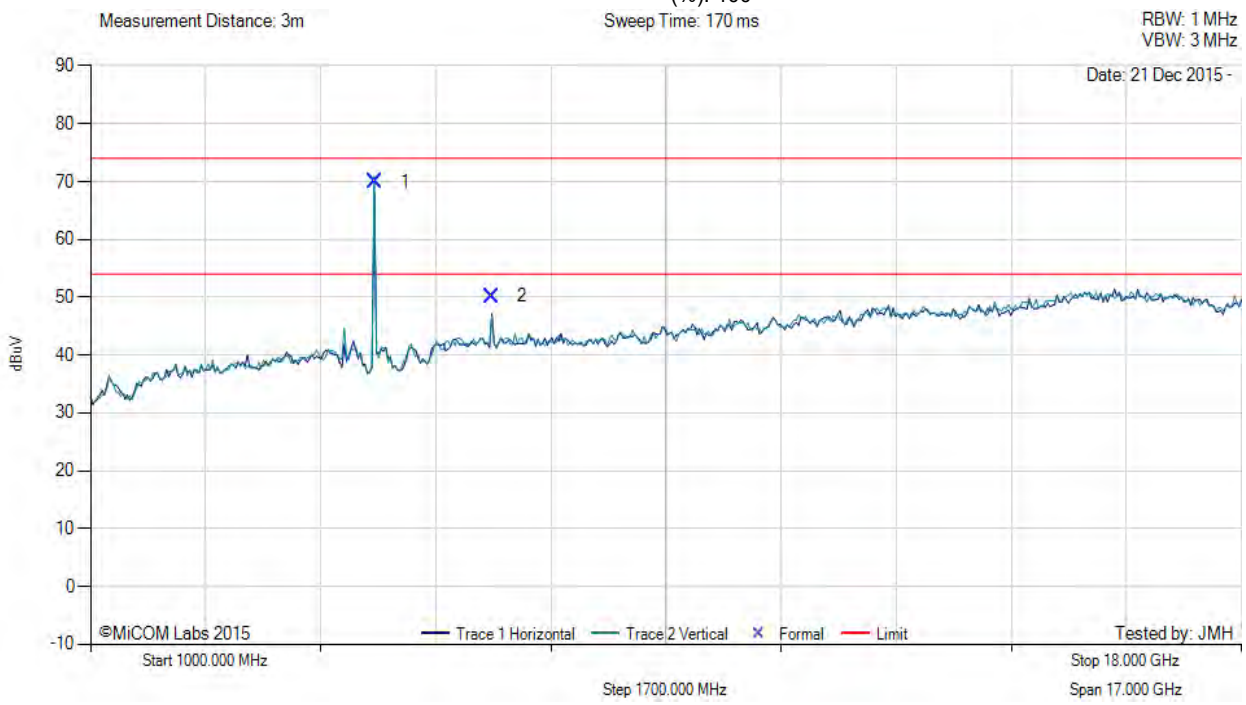
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5187.13	72.08	3.68	-11.49	64.27	Fundamental	Vertical	151	0	--	--	
2	6906.67	55.12	4.11	-7.54	51.69	Peak (NRB)	Vertical	151	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



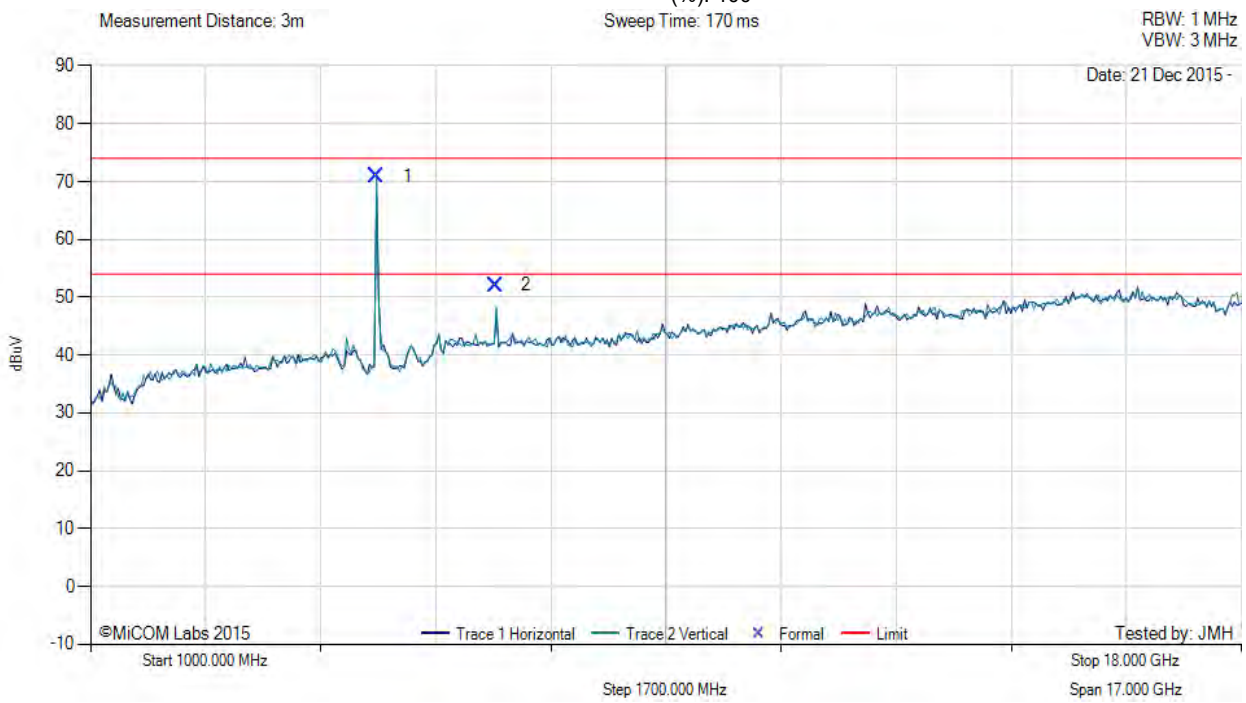
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5197.39	77.70	3.66	-11.47	69.89	Fundamental	Vertical	151	0	--	--	
2	6933.33	53.54	4.11	-7.49	50.16	Peak (NRB)	Horizontal	151	60	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



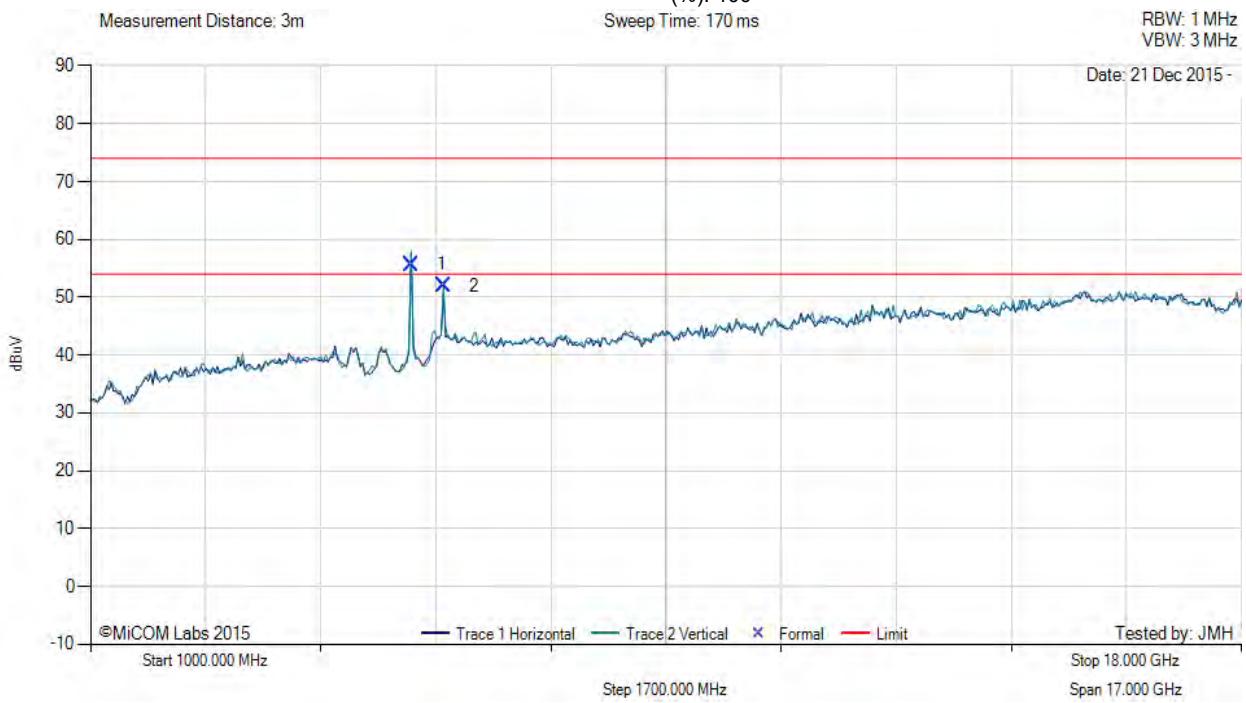
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5232.59	78.63	3.63	-11.39	70.87	Fundamental	Vertical	200	1	--	--	
2	6986.56	55.38	4.13	-7.45	52.06	Peak (NRB)	Vertical	200	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



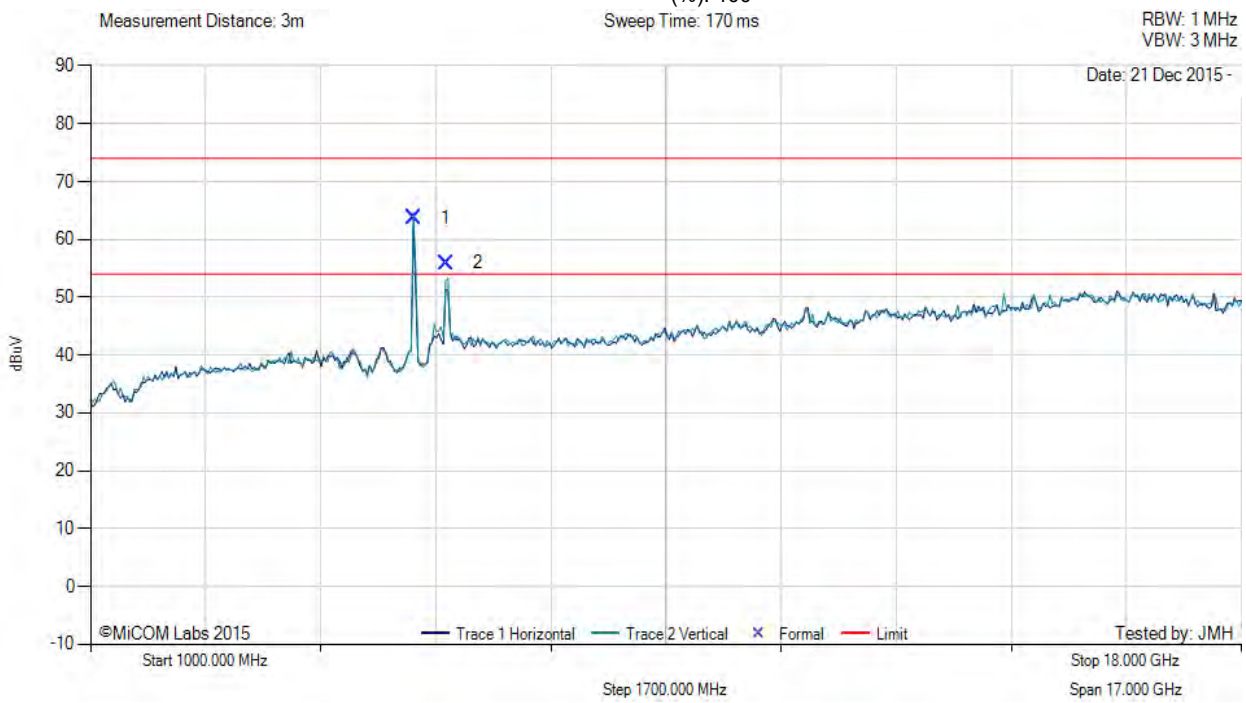
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5737.91	62.56	3.82	-10.67	55.71	Fundamental	Vertical	100	19	--	--	
2	6217.27	56.90	3.91	-8.80	52.01	Peak (NRB)	Vertical	151	9	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



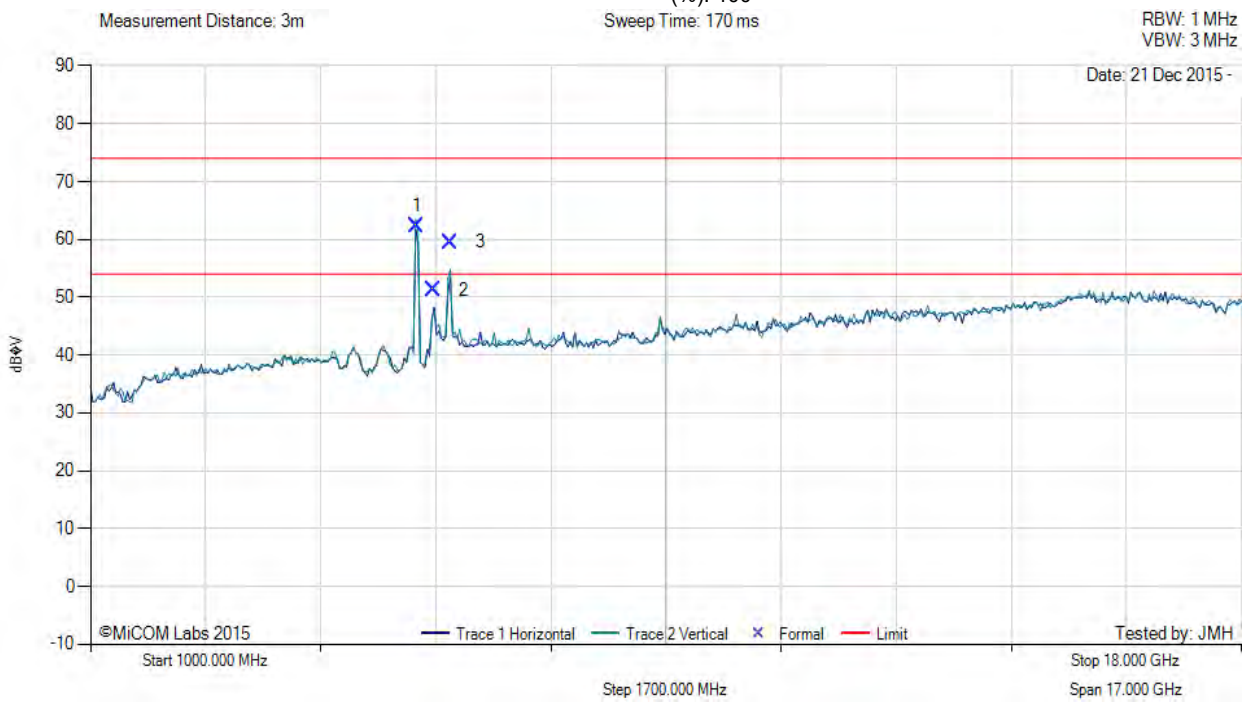
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5786.25	70.30	3.79	-10.44	63.65	Fundamental	Vertical	151	1	--	--	
2	6267.05	60.50	3.93	-8.52	55.91	Peak (NRB)	Vertical	151	1	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100

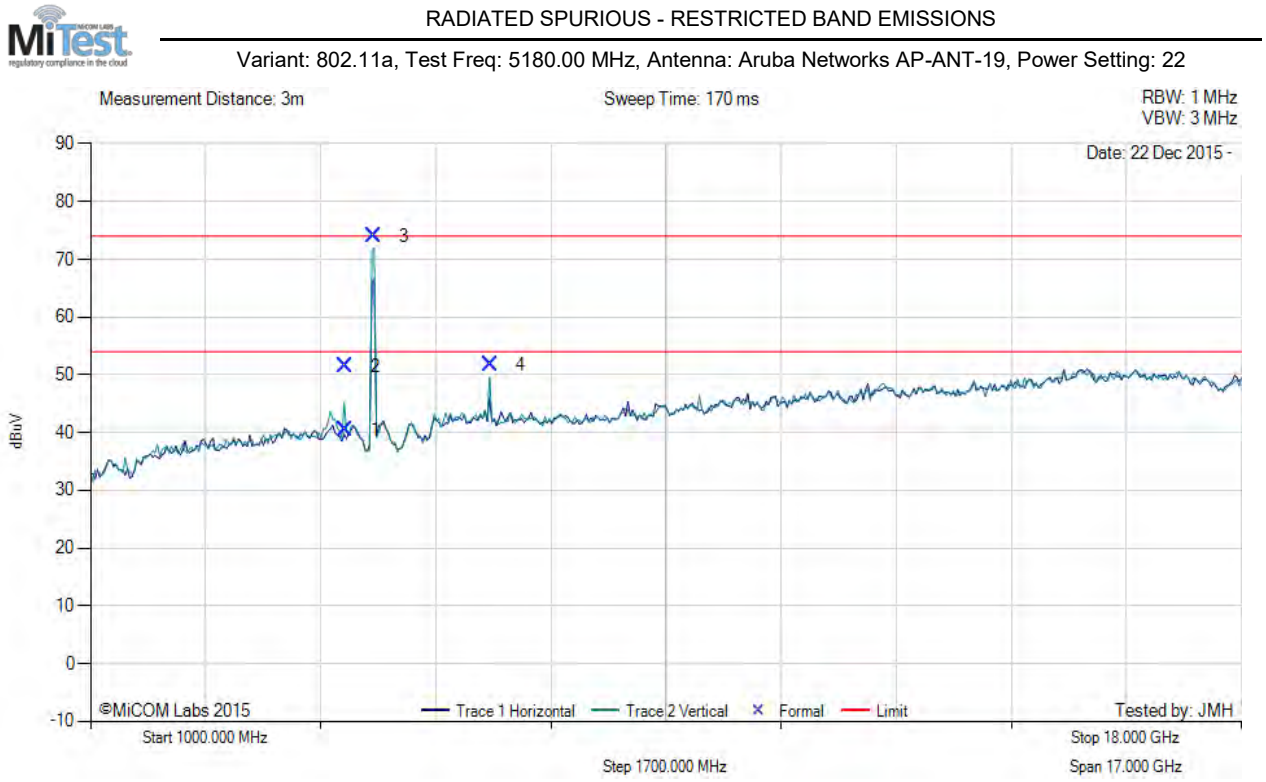


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5820.80	68.77	3.83	-10.26	62.34	Fundamental	Vertical	151	1	--	--	
2	6068.66	56.89	3.88	-9.60	51.17	Peak (NRB)	Horizontal	148	1	--	--	Pass
3	6306.57	63.96	3.93	-8.39	59.50	Peak (NRB)	Vertical	148	1	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

A.3.5 Antenna AP-ANT-19



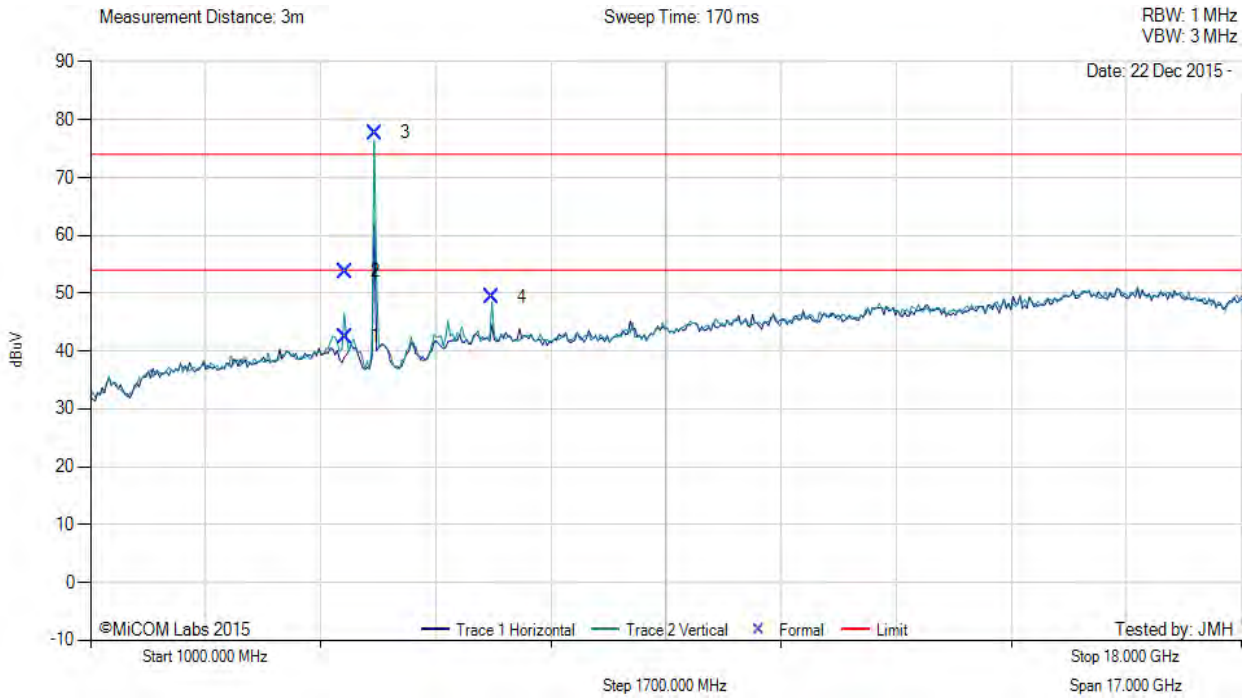
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4755.55	48.05	3.56	-11.12	40.49	Max Avg	Vertical	187	333	54.0	-13.5	Pass
2	4755.55	59.06	3.56	-11.12	51.50	Max Peak	Vertical	187	333	74.0	-22.5	Pass
3	5187.45	81.87	3.68	-11.49	74.06	Fundamental	Vertical	150	1	--	--	
4	6906.66	55.22	4.11	-7.54	51.79	Peak (NRB)	Vertical	150	360	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22



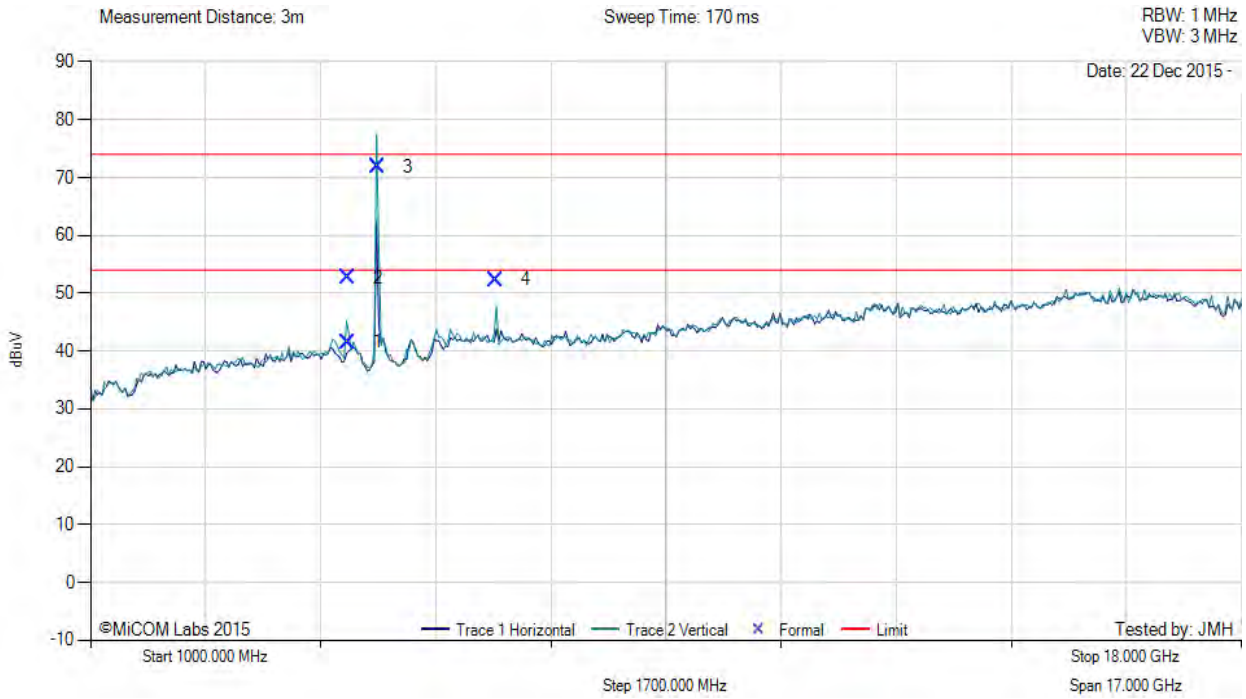
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4763.45	50.02	3.58	-11.11	42.49	Max Avg	Vertical	167	333	54.0	-11.5	Pass
2	4763.45	61.32	3.58	-11.11	53.79	Max Peak	Vertical	167	333	74.0	-20.2	Pass
3	5198.12	85.50	3.66	-11.47	77.69	Fundamental	Vertical	151	1	--	--	
4	6933.32	52.67	4.11	-7.49	49.29	Peak (NRB)	Vertical	151	35	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22



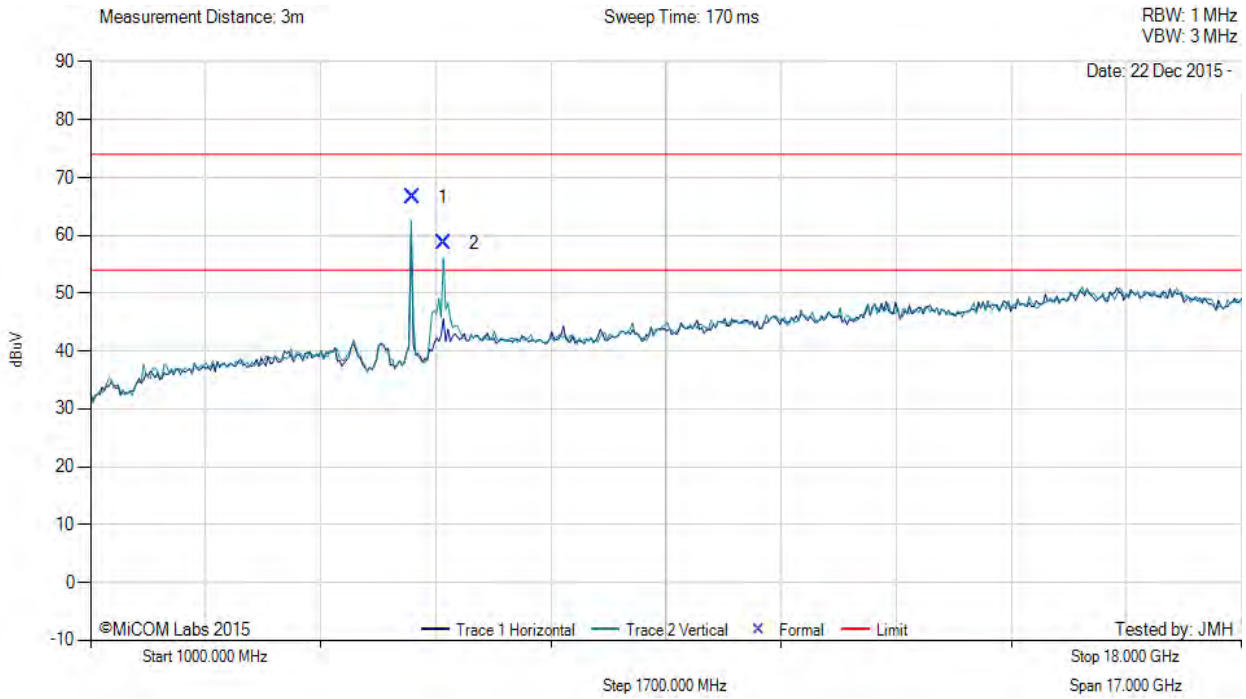
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4802.02	49.16	3.51	-11.12	41.55	Max Avg	Vertical	164	13	54.0	-12.5	Pass
2	4802.02	60.22	3.51	-11.12	52.61	Max Peak	Vertical	164	13	74.0	-21.4	Pass
3	5238.68	79.60	3.63	-11.37	71.86	Fundamental	Vertical	104	0	--	--	
4	6986.63	55.62	4.13	-7.45	52.30	Peak (NRB)	Vertical	151	336	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22



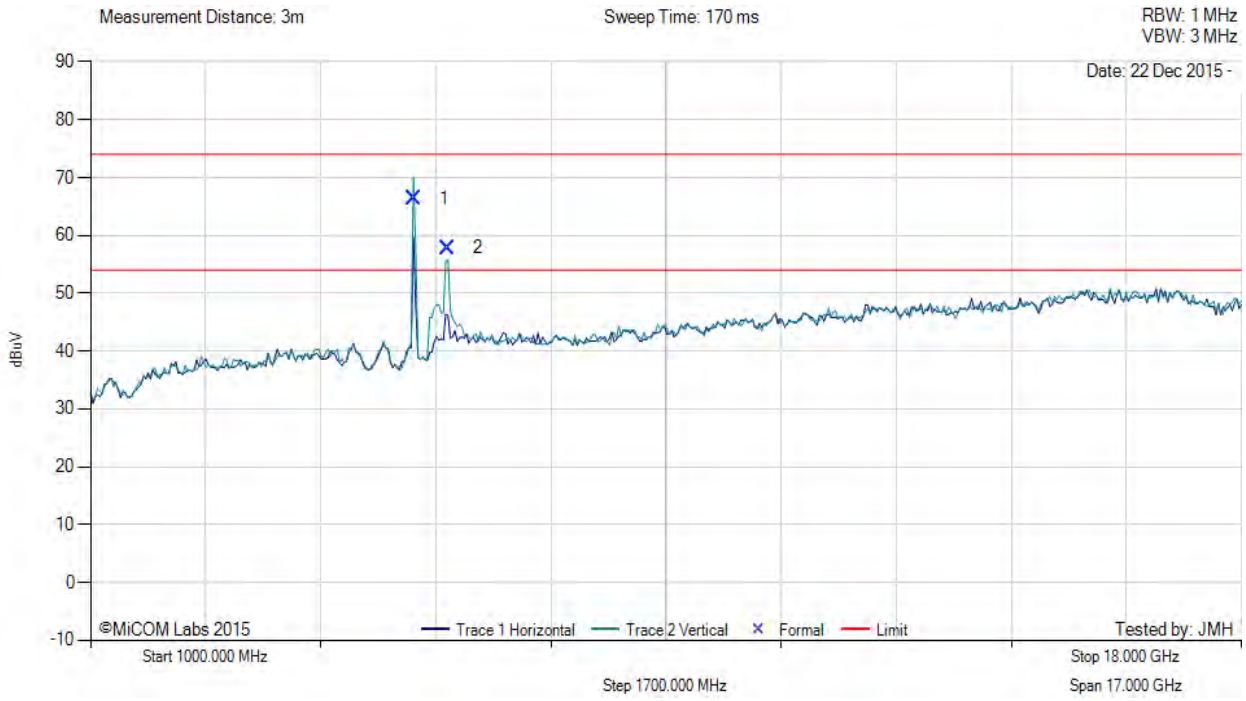
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5752.42	73.40	3.84	-10.62	66.62	Fundamental	Vertical	120	0	--	--	
2	6223.44	63.57	3.92	-8.76	58.73	Peak (NRB)	Vertical	151	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22



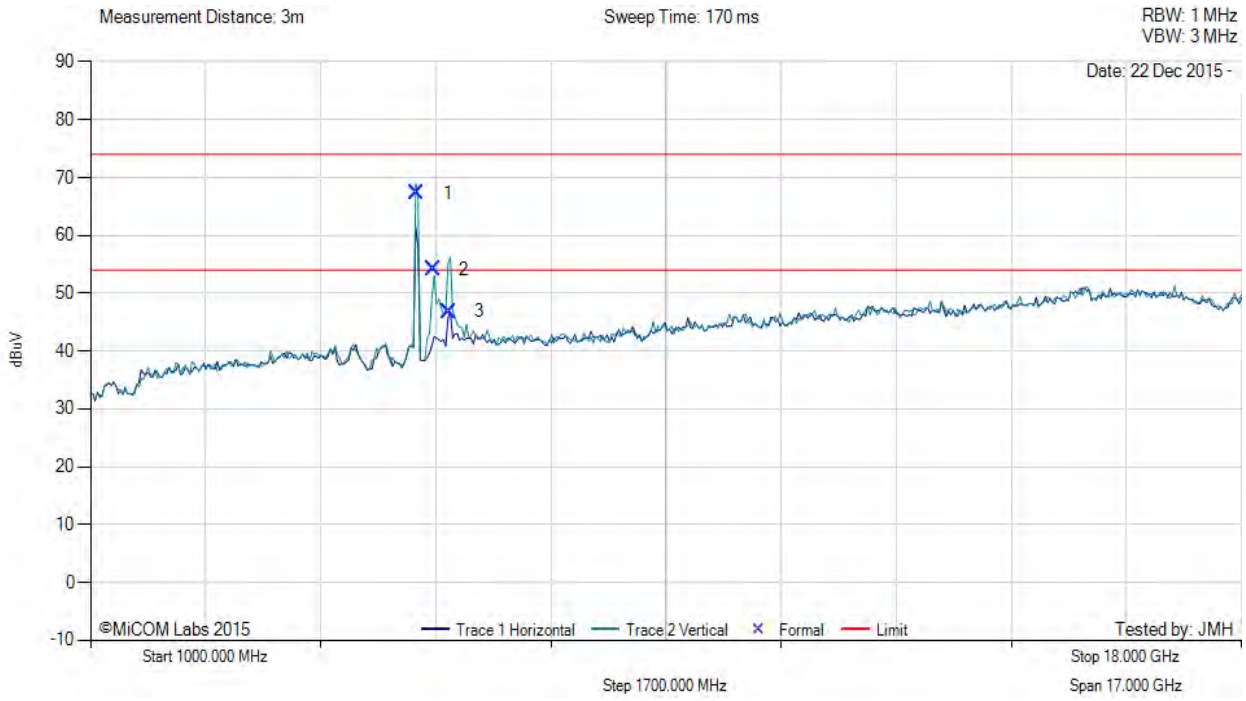
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5783.13	72.94	3.80	-10.46	66.28	Fundamental	Vertical	151	0	--	--	
2	6274.27	62.40	3.92	-8.50	57.82	Peak (NRB)	Vertical	151	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22

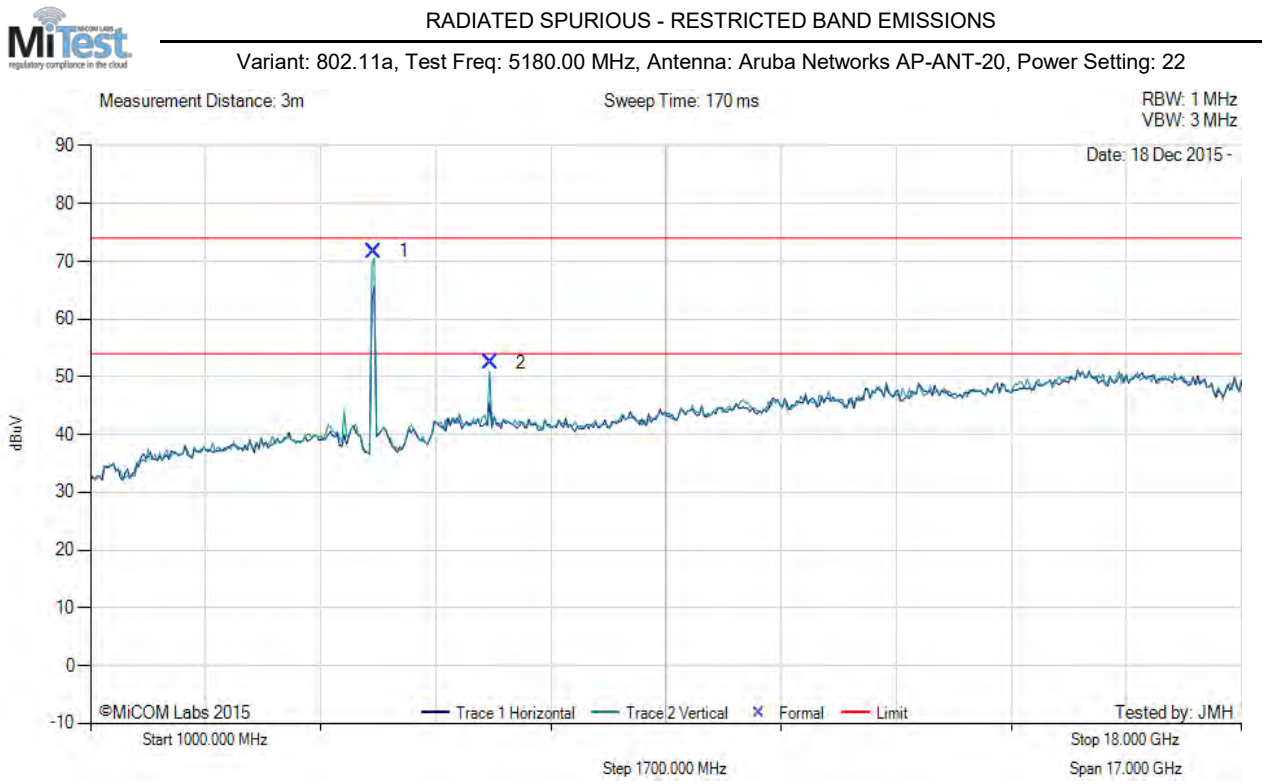


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5822.49	73.74	3.83	-10.26	67.31	Fundamental	Vertical	101	1	--	--	
2	6067.41	59.87	3.88	-9.61	54.14	Peak (NRB)	Vertical	151	60	--	--	Pass
3	6294.63	51.33	3.95	-8.44	46.84	Peak (NRB)	Vertical	151	11	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

A.3.6 Antenna AP-ANT-20

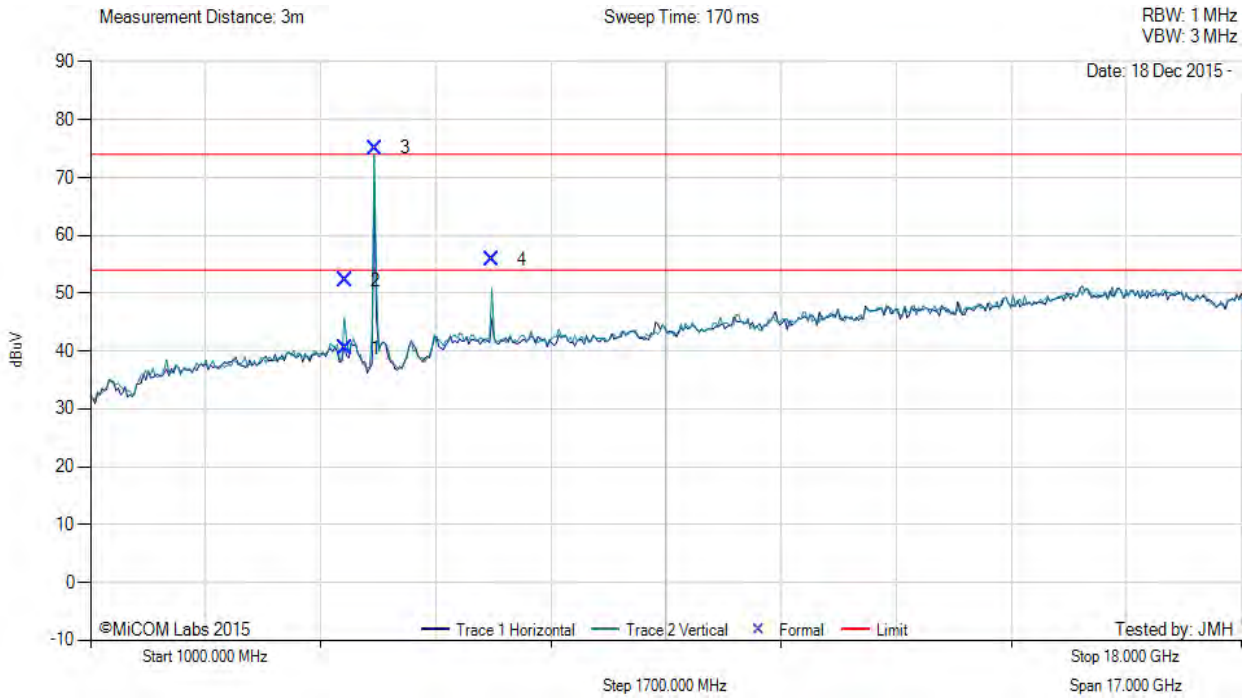


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5187.53	79.52	3.68	-11.49	71.71	Fundamental	Vertical	200	0	--	--	
2	6906.57	55.81	4.11	-7.54	52.38	Peak (NRB)	Vertical	200	0	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22

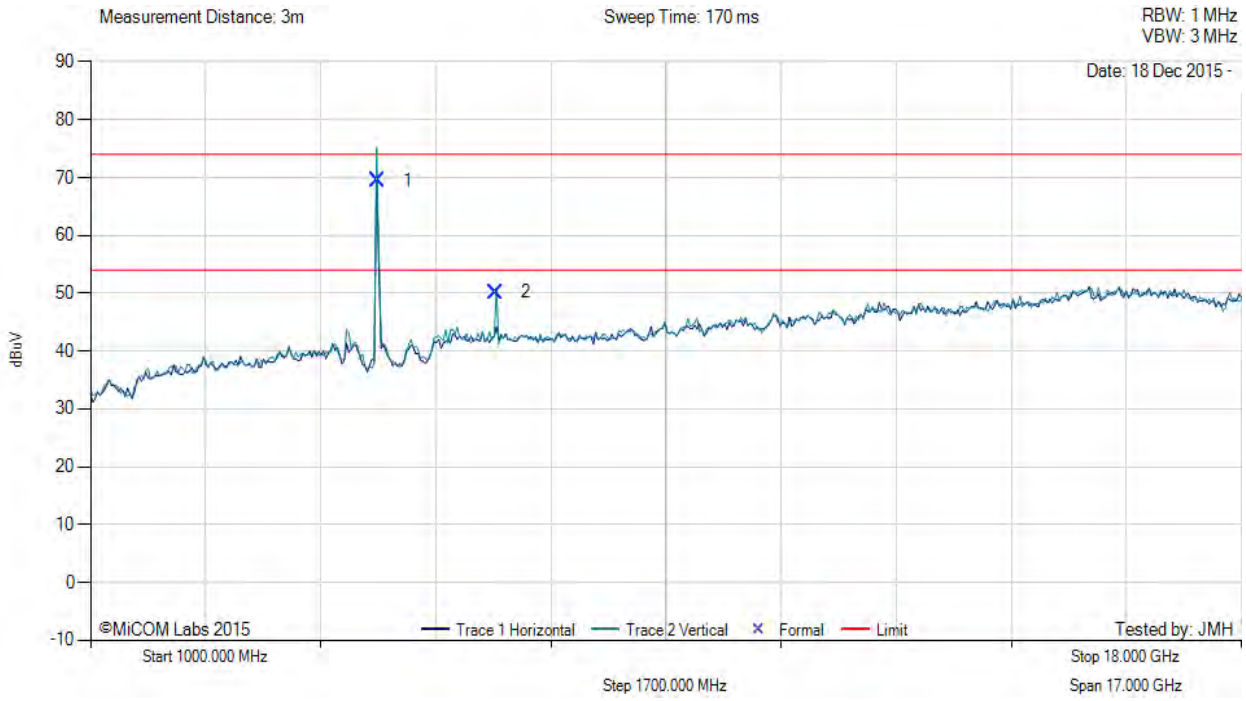


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4764.93	48.04	3.59	-11.11	40.52	Max Avg	Vertical	172	41	54.0	-13.5	Pass
2	4764.93	59.67	3.59	-11.11	52.15	Max Peak	Vertical	172	41	74.0	-21.9	Pass
3	5197.39	82.85	3.66	-11.47	75.04	Fundamental	Vertical	200	1	--	--	
4	6933.28	59.22	4.11	-7.49	55.84	Peak (NRB)	Vertical	200	360	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22

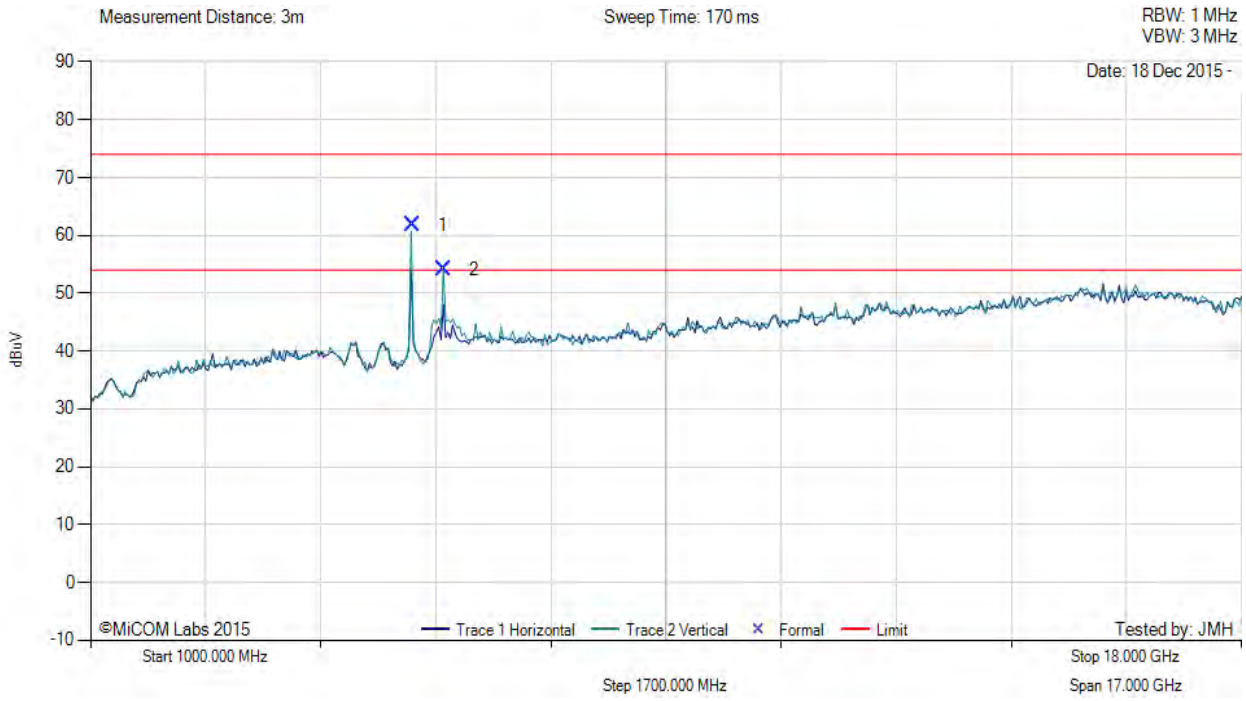


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5236.91	77.25	3.63	-11.37	69.51	Fundamental	Vertical	101	1	--	--	
2	6986.60	53.47	4.13	-7.45	50.15	Peak (NRB)	Vertical	101	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22

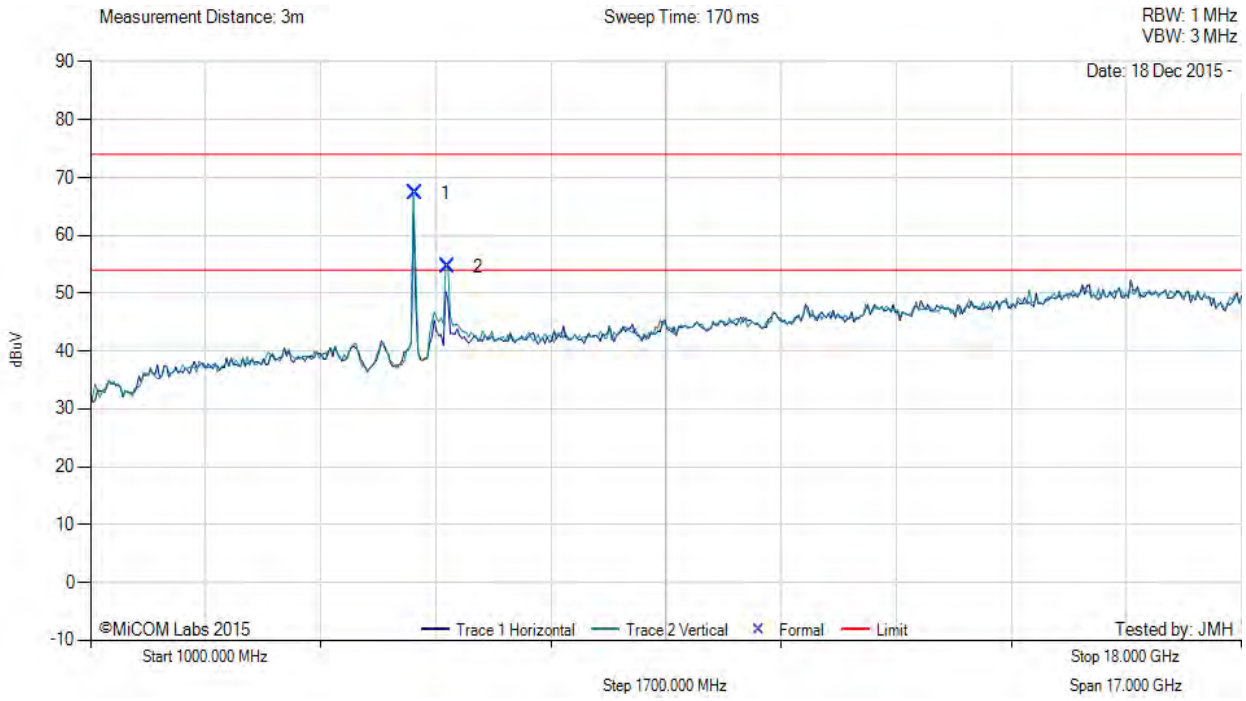


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5752.50	68.54	3.84	-10.61	61.77	Fundamental	Vertical	151	0	--	--	
2	6219.59	58.99	3.92	-8.78	54.13	Peak (NRB)	Vertical	151	0	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22

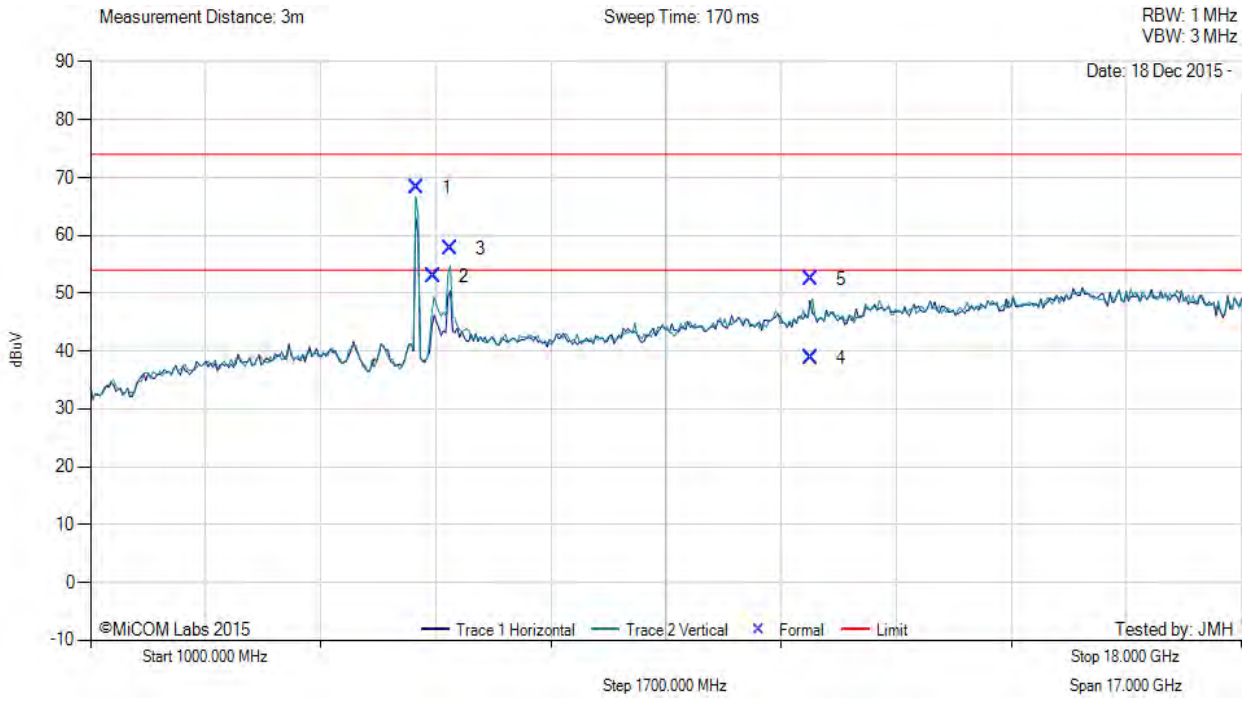


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5791.98	73.99	3.78	-10.40	67.37	Fundamental	Vertical	151	1	--	--	
2	6273.88	59.13	3.92	-8.50	54.55	Peak (NRB)	Vertical	151	1	--	--	Pass

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

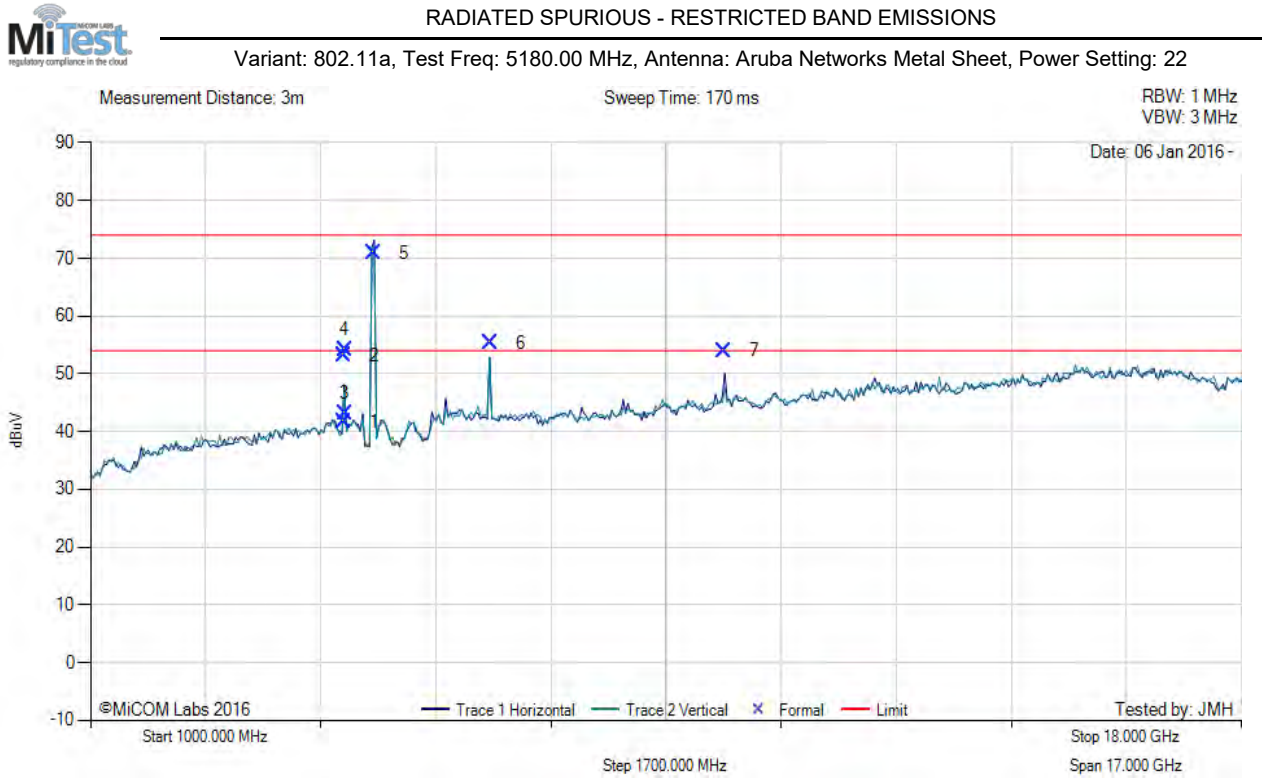
Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5821.85	74.71	3.83	-10.26	68.28	Fundamental	Vertical	151	0	--	--	
2	6063.52	58.68	3.89	-9.62	52.95	Peak (NRB)	Vertical	151	0	--	--	Pass
3	6307.54	62.21	3.92	-8.39	57.74	Peak (NRB)	Vertical	151	0	--	--	Pass
4	11640.64	37.78	5.48	-4.48	38.78	Max Avg	Vertical	161	95	54.0	-15.2	Pass
5	11640.64	51.45	5.48	-4.48	52.45	Max Peak	Vertical	161	95	74.0	-21.6	Pass

back to matrix

A.3.7 Integral (APIN0215) Antenna



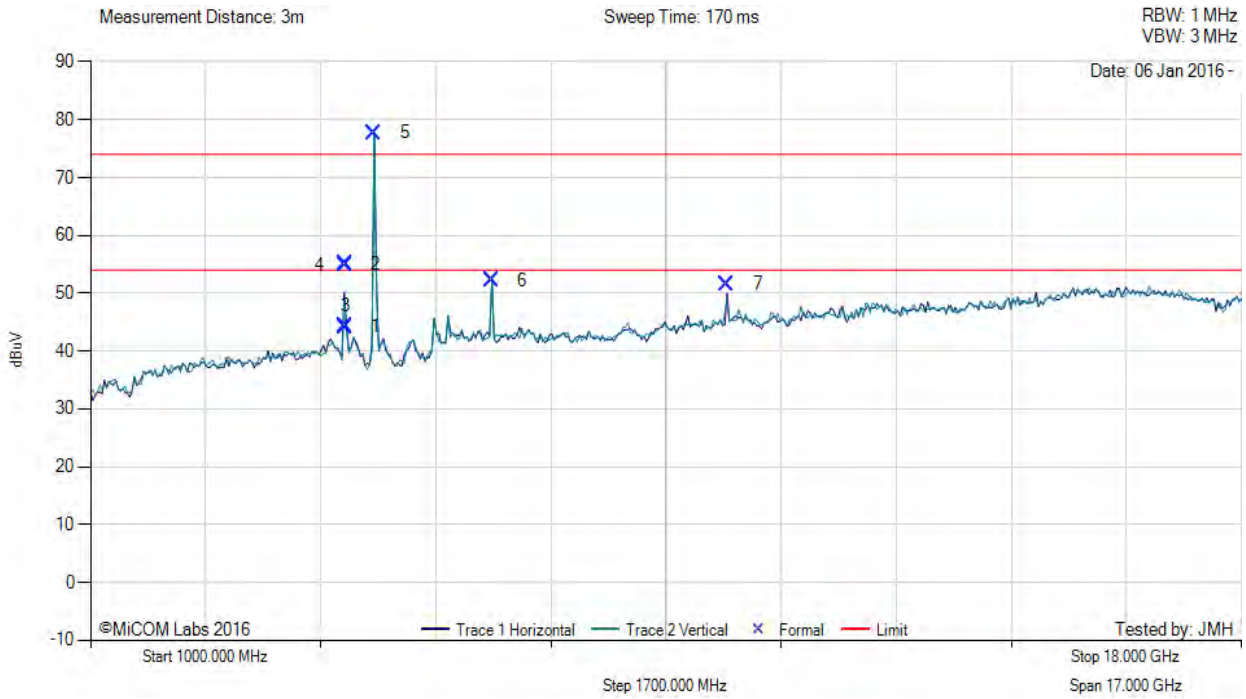
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4745.85	49.20	3.55	-11.12	41.63	Max Avg	Horizontal	151	72	54.0	-12.4	Pass
2	4745.85	60.76	3.55	-11.12	53.19	Max Peak	Horizontal	151	72	74.0	-20.8	Pass
3	4755.87	50.61	3.56	-11.12	43.05	Max Avg	Horizontal	159	81	54.0	-11.0	Pass
4	4755.87	61.75	3.56	-11.12	54.19	Max Peak	Horizontal	159	81	74.0	-19.8	Pass
5	5184.49	78.65	3.68	-11.49	70.84	Fundamental	Horizontal	151	1	--	--	
6	6906.66	58.70	4.11	-7.54	55.27	Peak (NRB)	Horizontal	151	80	--	--	Pass
7	10358.20	53.70	5.55	-5.28	53.97	Peak (NRB)	Horizontal	151	80	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



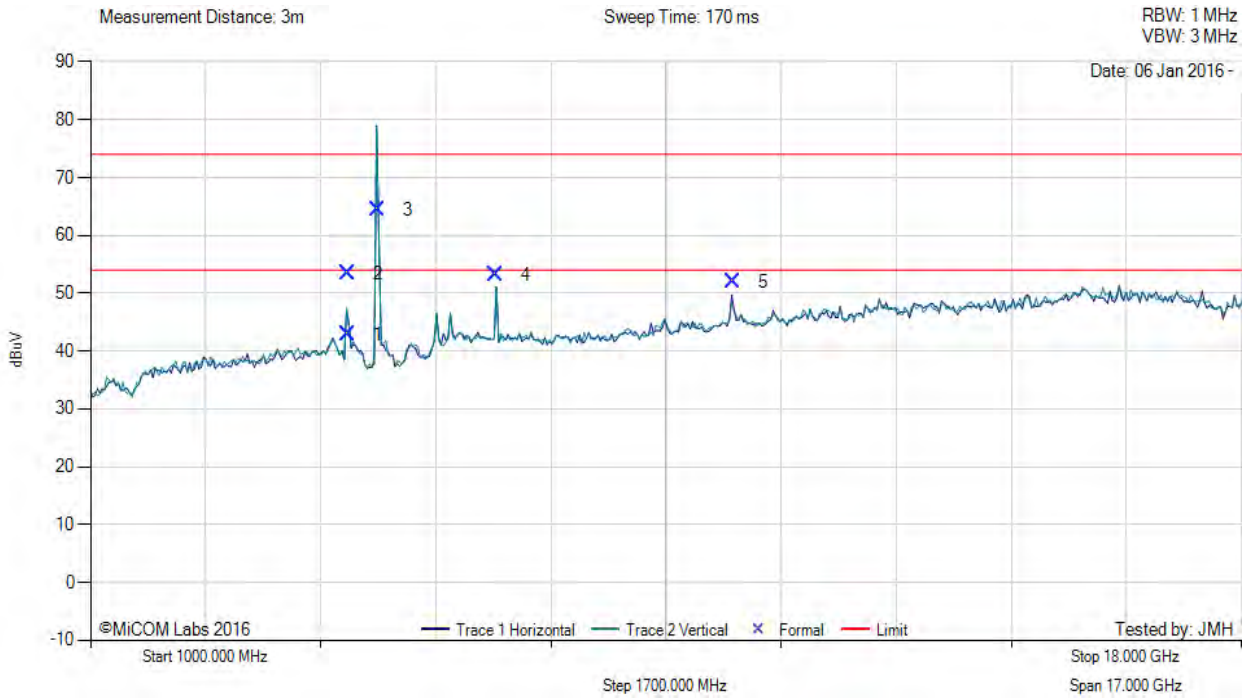
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4759.79	51.74	3.57	-11.11	44.20	Max Avg	Horizontal	177	60	54.0	-9.8	Pass
2	4759.79	62.58	3.57	-11.11	55.04	Max Peak	Horizontal	177	60	74.0	-19.0	Pass
3	4765.13	51.78	3.59	-11.11	44.26	Max Avg	Horizontal	128	86	54.0	-9.7	Pass
4	4765.13	62.29	3.59	-11.11	54.77	Max Peak	Horizontal	128	86	74.0	-19.2	Pass
5	5194.27	85.52	3.67	-11.47	77.72	Fundamental	Horizontal	151	51	--	--	
6	6933.27	55.58	4.11	-7.49	52.20	Peak (NRB)	Horizontal	151	51	--	--	Pass
7	10403.01	51.17	5.42	-5.02	51.57	Peak (NRB)	Horizontal	151	51	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



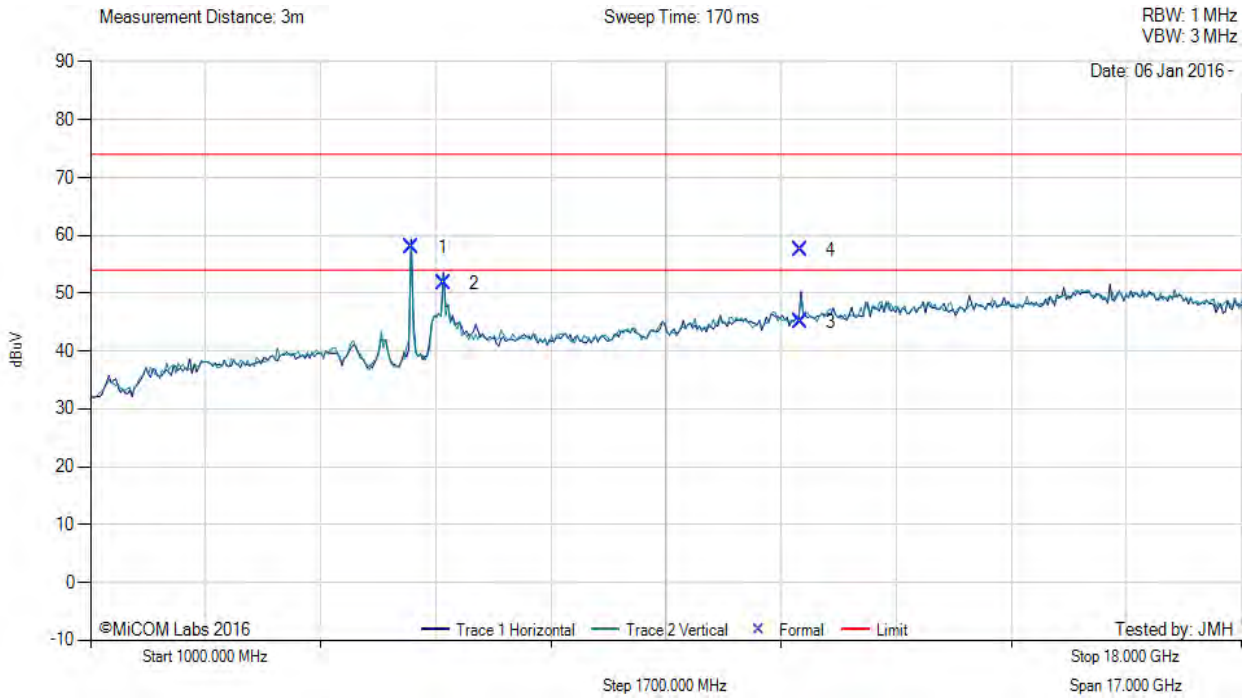
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	4797.47	50.46	3.53	-11.11	42.88	Max Avg	Horizontal	107	60	54.0	-11.1	Pass
2	4797.47	61.05	3.53	-11.11	53.47	Max Peak	Horizontal	107	60	74.0	-20.5	Pass
3	5240.92	72.10	3.63	-11.36	64.37	Fundamental	Horizontal	101	360	--	--	
4	6986.49	56.44	4.13	-7.45	53.12	Peak (NRB)	Horizontal	101	308	--	--	Pass
5	10482.08	51.00	5.41	-4.44	51.97	Peak (NRB)	Horizontal	101	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



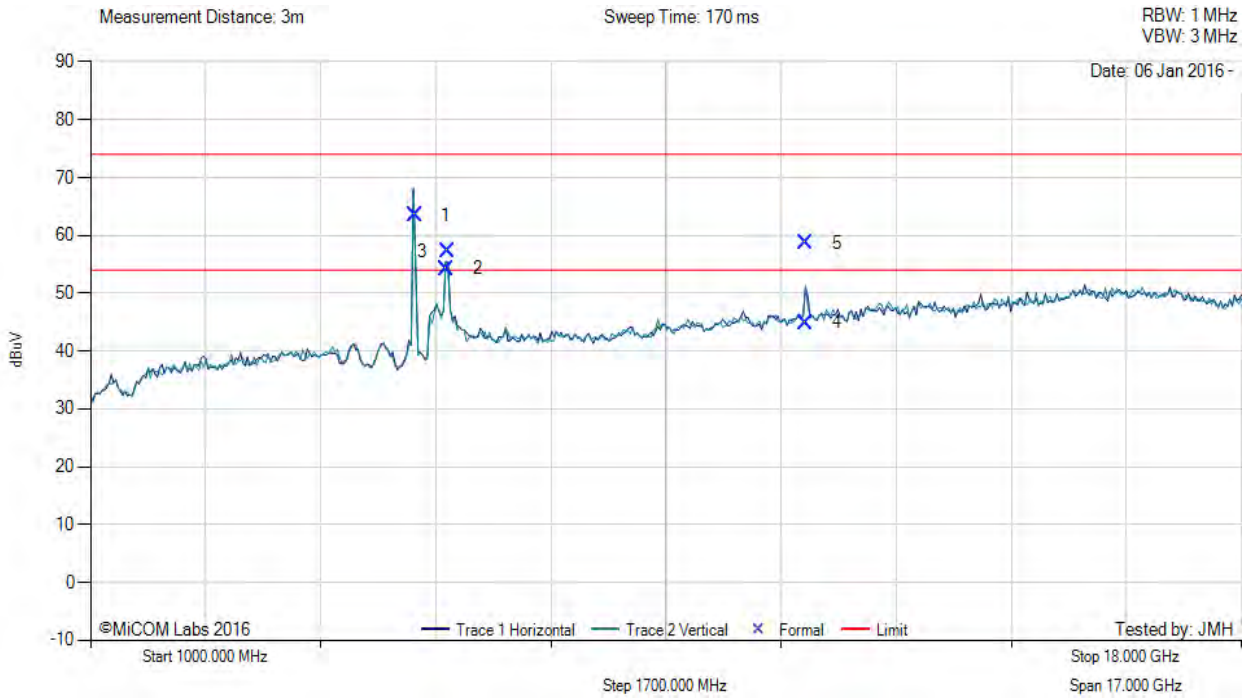
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5749.06	64.80	3.85	-10.63	58.02	Fundamental	Horizontal	151	32	--	--	
2	6223.28	56.56	3.92	-8.76	51.72	Peak (NRB)	Horizontal	151	32	--	--	Pass
3	11489.54	44.48	5.45	-4.84	45.09	Max Avg	Horizontal	154	190	54.0	-8.9	Pass
4	11489.54	56.83	5.45	-4.84	57.44	Max Peak	Horizontal	154	190	74.0	-16.6	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



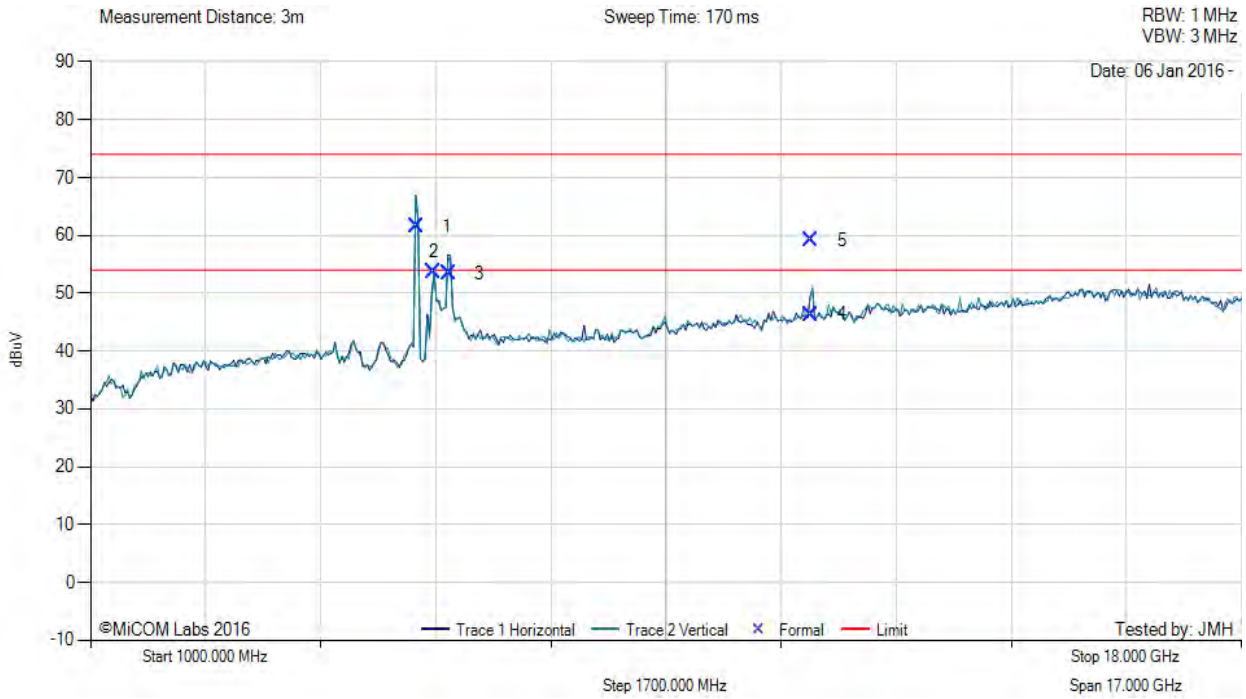
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5789.38	70.13	3.79	-10.42	63.50	Fundamental	Horizontal	151	1	--	--	
2	6263.20	58.89	3.93	-8.54	54.28	Peak (NRB)	Horizontal	151	46	--	--	Pass
3	6273.42	61.75	3.92	-8.50	57.17	Peak (NRB)	Horizontal	151	46	--	--	Pass
4	11569.26	44.09	5.48	-4.65	44.92	Max Avg	Horizontal	144	190	54.0	-9.1	Pass
5	11569.26	57.91	5.48	-4.65	58.74	Max Peak	Horizontal	144	190	74.0	-15.3	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5819.52	68.02	3.83	-10.26	61.59	Fundamental	Horizontal	151	1	--	--	
2	6067.69	59.43	3.88	-9.61	53.70	Peak (NRB)	Horizontal	151	80	--	--	Pass
3	6297.19	57.82	3.96	-8.43	53.35	Peak (NRB)	Horizontal	151	353	--	--	Pass
4	11649.50	45.40	5.44	-4.47	46.37	Max Avg	Horizontal	147	190	54.0	-7.6	Pass
5	11649.50	58.11	5.44	-4.47	59.08	Max Peak	Horizontal	147	190	74.0	-14.9	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

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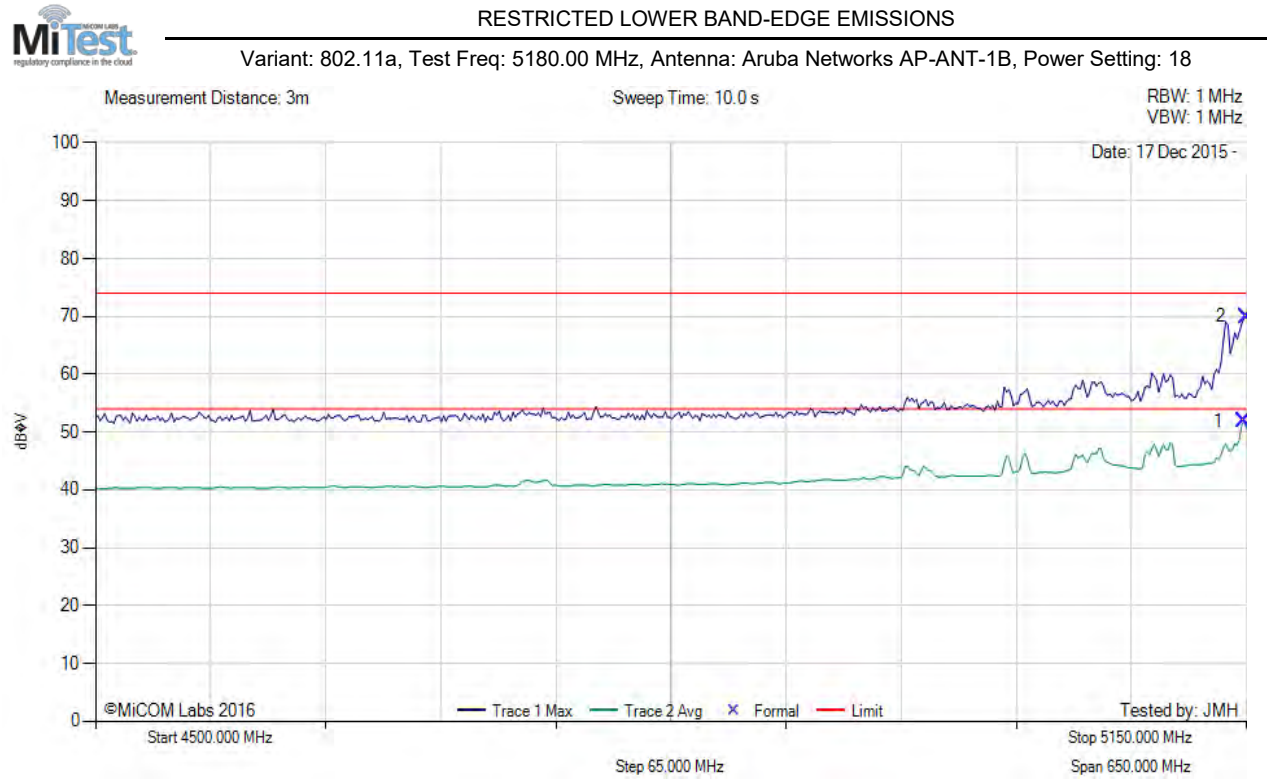
A.4. Restricted Band-Edge Emissions

A.4.1 Antenna AP-ANT-1B



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	14.18	3.67	34.11	51.96	Max Avg	Vertical	148	-2	54.0	-2.0	Pass
2	5150.00	32.20	3.67	34.11	69.98	Max Peak	Vertical	148	-2	74.0	-4.0	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE EUT on 150cm table.

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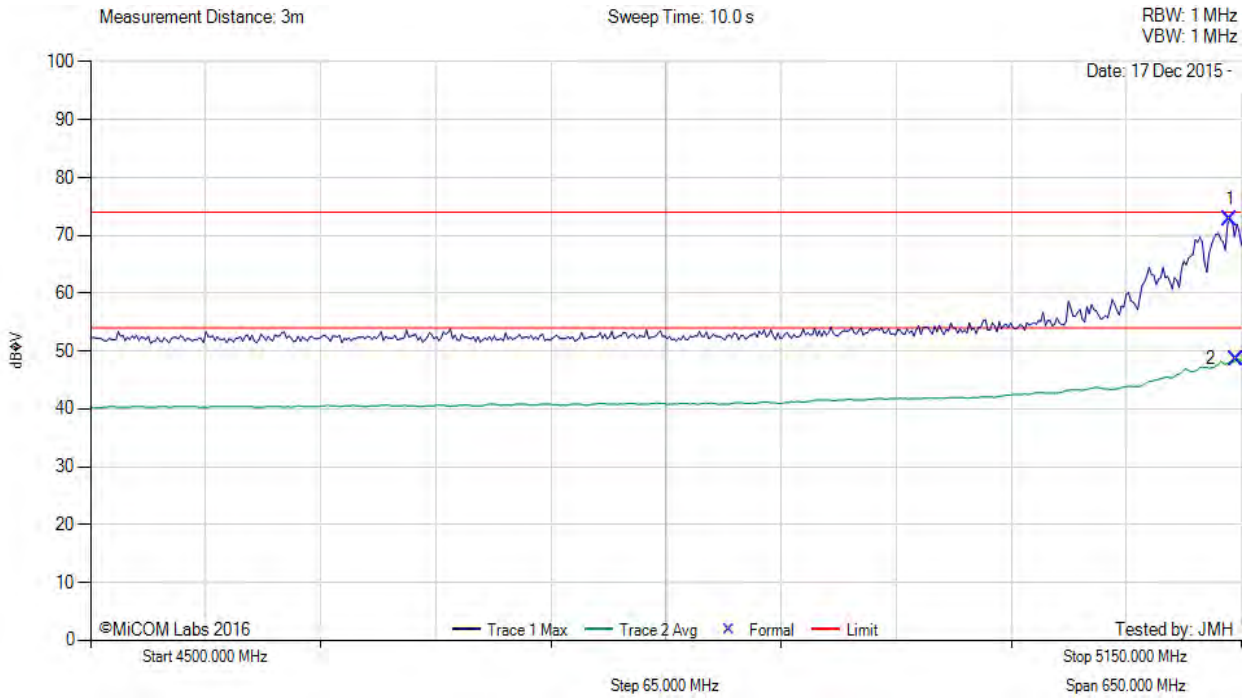
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 17.5



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5143.49	34.98	3.70	34.12	72.80	Max Peak	Vertical	148	-2	74.0	-1.2	Pass
2	5147.39	10.85	3.68	34.11	48.64	Max Avg	Vertical	148	-2	54.0	-5.4	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE EUT on 150cm table.

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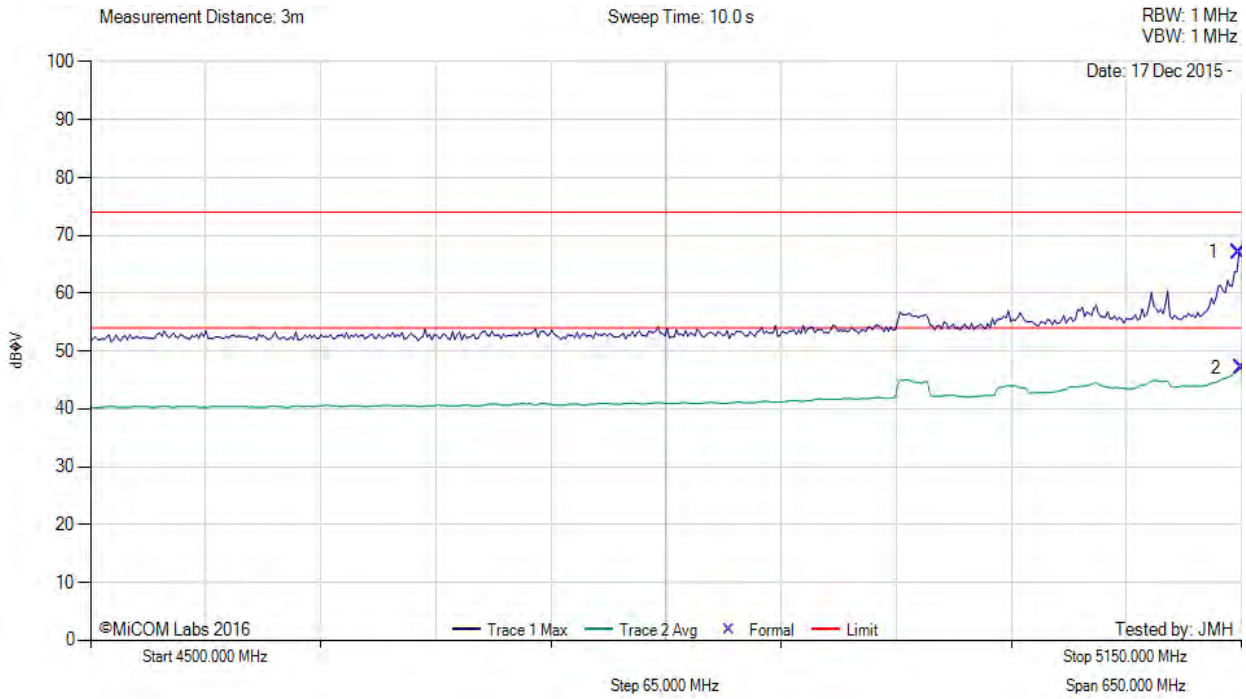
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 18



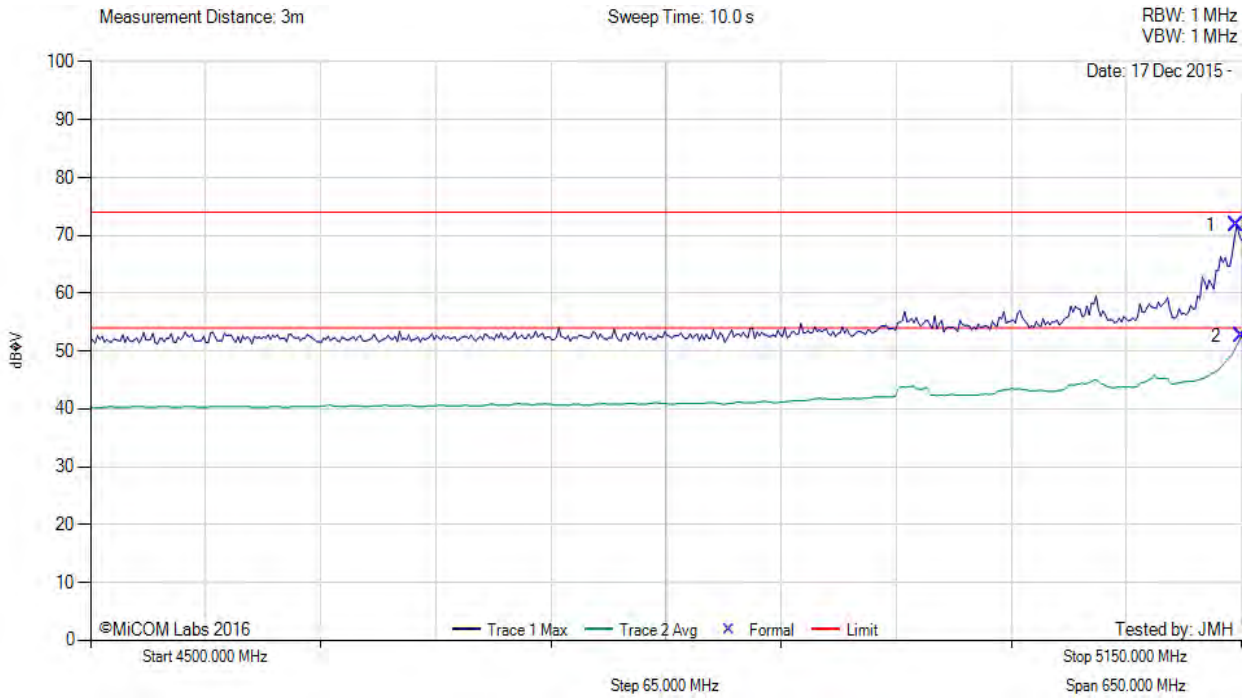
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	29.36	3.67	34.11	67.14	Max Peak	Vertical	148	-5	74.0	-6.9	Pass
2	5150.00	9.30	3.67	34.11	47.08	Max Avg	Vertical	148	-5	54.0	-6.9	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 20



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5147.39	34.06	3.68	34.11	71.85	Max Peak	Vertical	148	-2	74.0	-2.2	Pass
2	5150.00	14.82	3.67	34.11	52.60	Max Avg	Vertical	148	-2	54.0	-1.4	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE.

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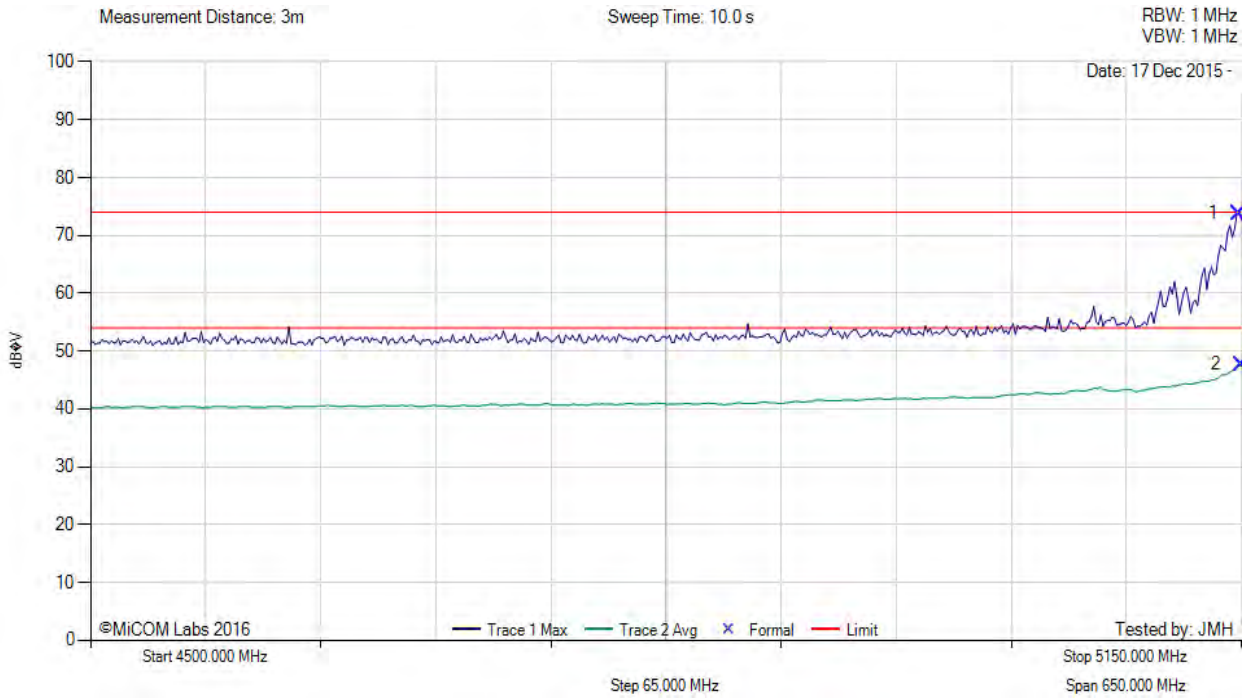
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 17



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	36.00	3.67	34.11	73.78	Max Peak	Vertical	148	-2	74.0	-0.2	Pass
2	5150.00	9.89	3.67	34.11	47.67	Max Avg	Vertical	148	-2	54.0	-6.3	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE EUT on 150cm table.

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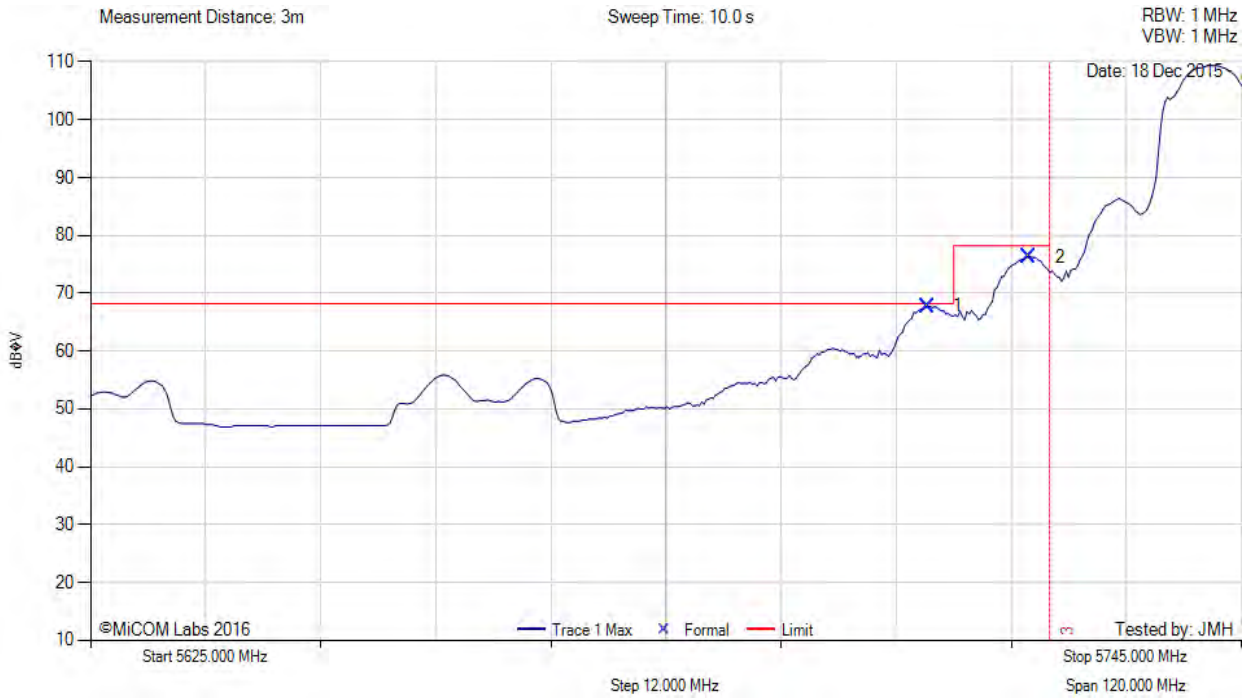
5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 21



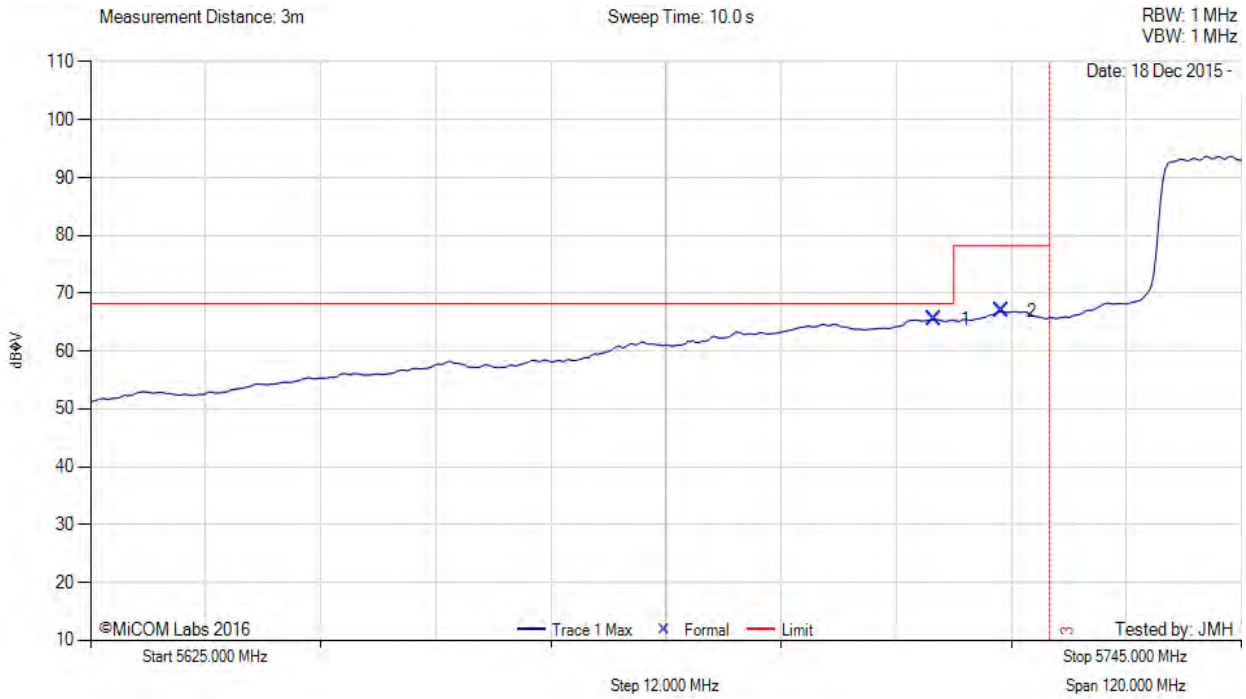
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5712.29	29.61	3.83	34.34	67.78	Marker	Vertical	175	358	68.2	-0.5	Pass
2	5722.88	38.15	3.80	34.35	76.30	Marker	Vertical	175	358	78.2	-1.9	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 21



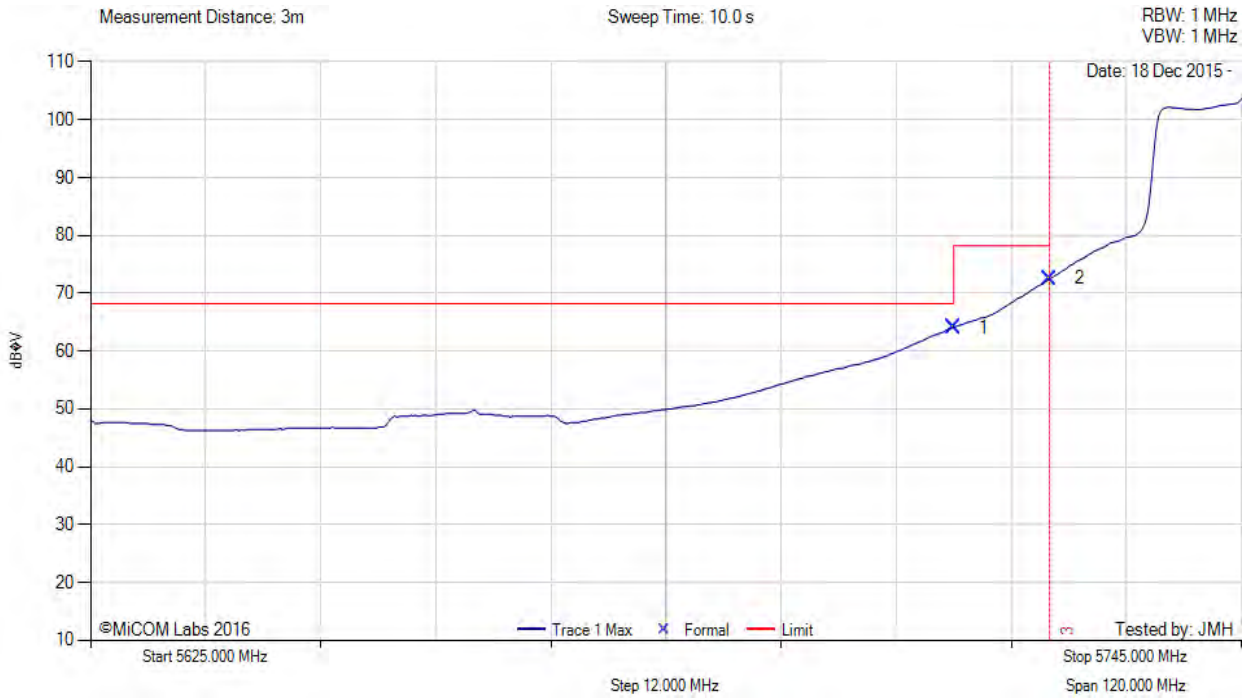
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5713.02	27.33	3.82	34.34	65.49	Marker	Vertical	175	358	68.2	-2.7	Pass
2	5719.95	28.71	3.80	34.35	66.86	Marker	Vertical	175	358	78.2	-11.4	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22



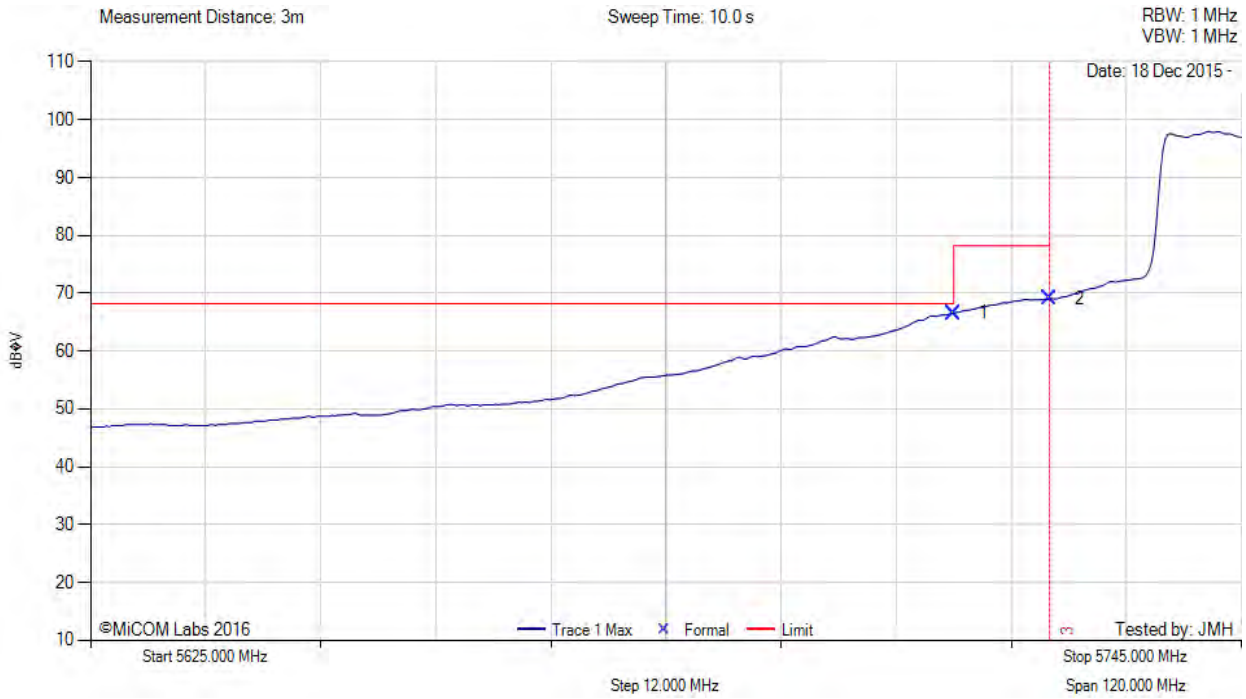
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	25.97	3.81	34.34	64.12	Marker	Vertical	175	358	68.2	-4.1	Pass
2	5725.00	34.43	3.79	34.35	72.57	Marker	Vertical	175	358	78.2	-5.7	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE.

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 21



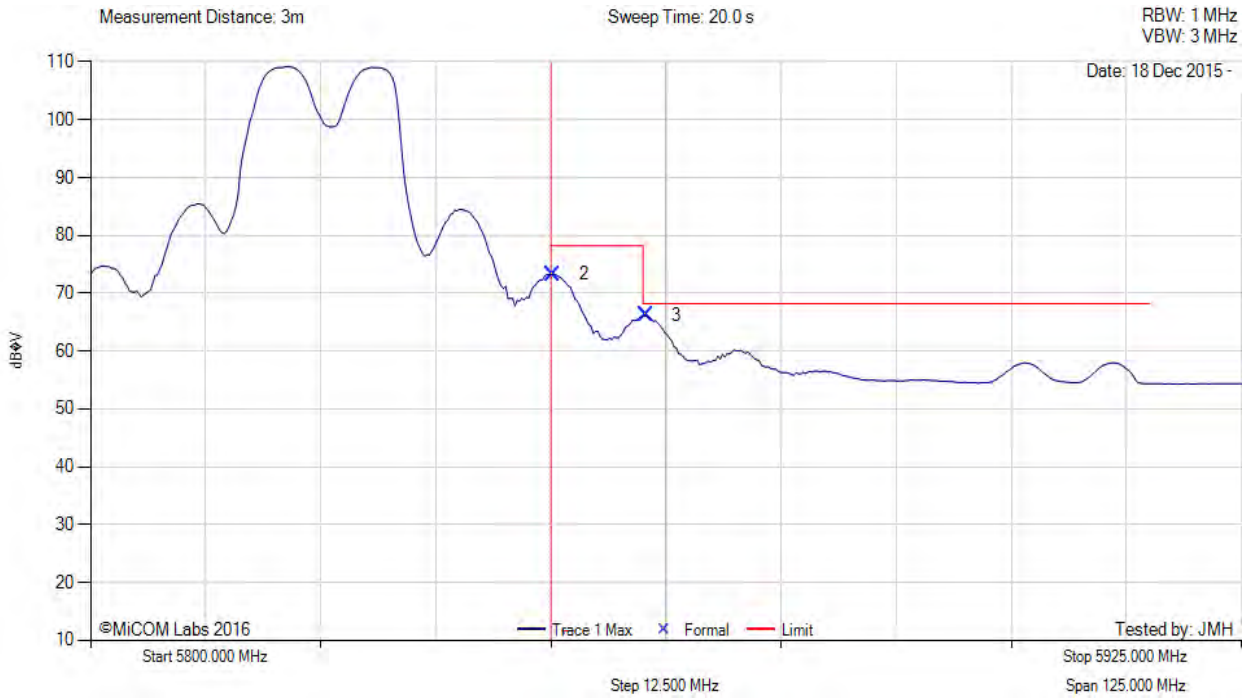
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	28.39	3.81	34.34	66.54	Marker	Vertical	175	358	68.2	-1.7	Pass
2	5725.00	30.88	3.79	34.35	69.02	Marker	Vertical	175	358	78.2	-9.2	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE.

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 21



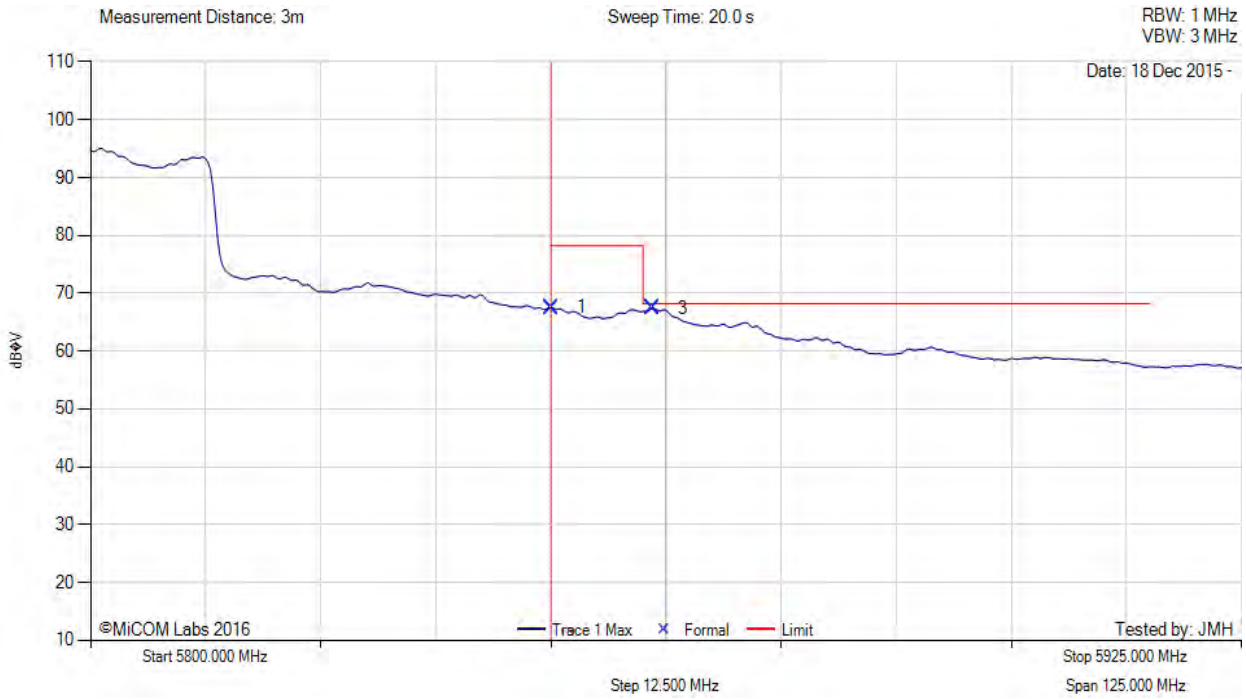
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5850.25	34.86	3.81	34.63	73.30	Marker	Vertical	145	358	78.2	-4.9	Pass
3	5860.37	27.65	3.86	34.65	66.16	Marker	Vertical	145	358	68.2	-2.1	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22



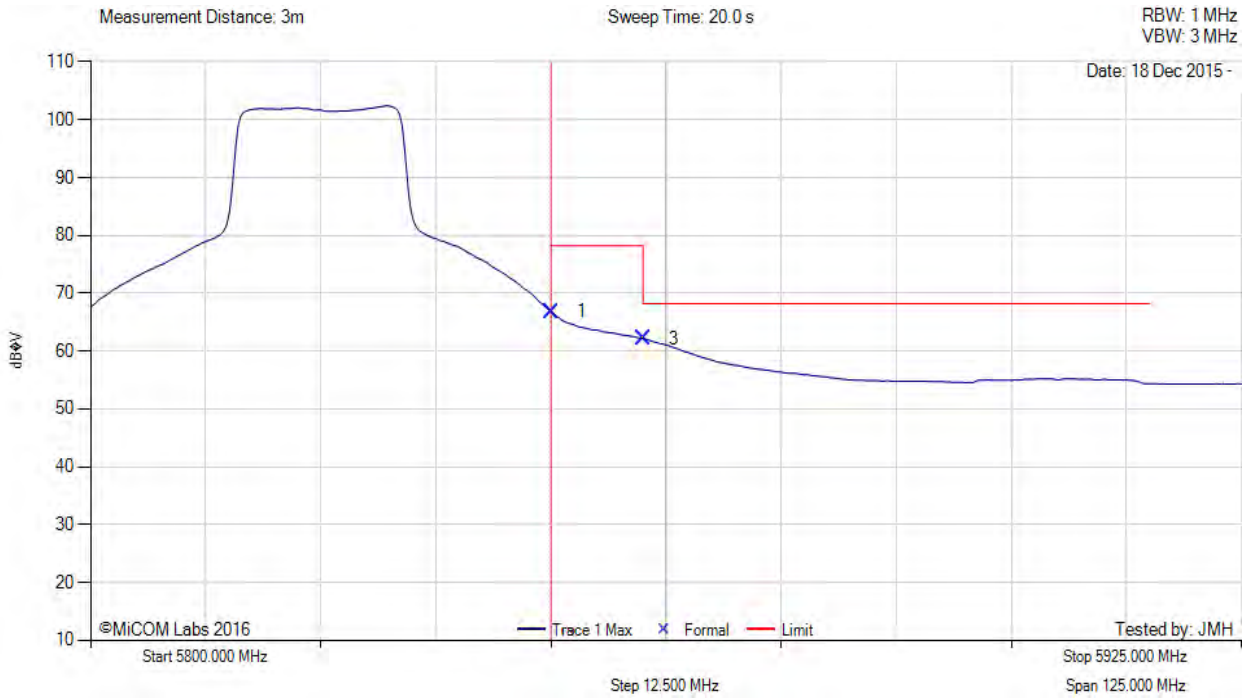
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	29.06	3.81	34.63	67.50	Marker	Vertical	145	358	78.2	-10.7	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5861.00	28.90	3.86	34.66	67.42	Marker	Vertical	145	358	68.2	-0.8	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22



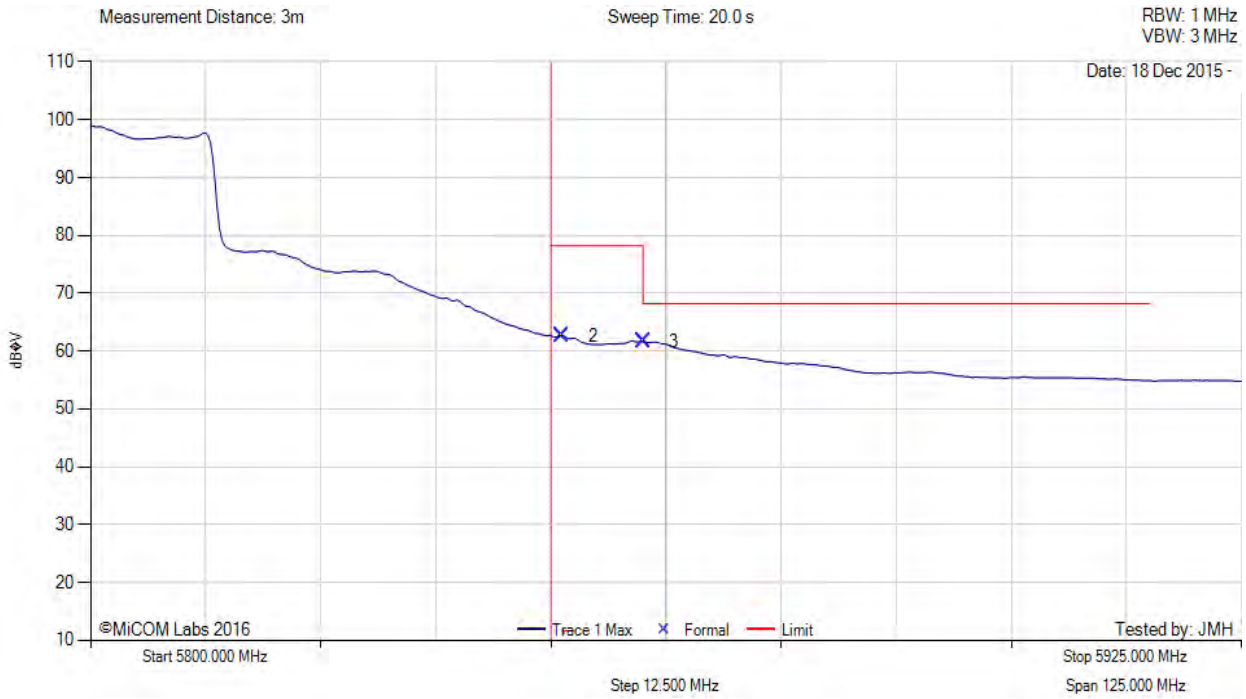
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	28.34	3.81	34.63	66.78	Marker	Vertical	145	358	78.2	-11.5	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	23.66	3.86	34.65	62.17	Marker	Vertical	145	358	68.2	-6.1	Pass

Test Notes: TTest notes

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-1B, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.25	24.22	3.81	34.63	62.66	Marker	Vertical	145	358	78.2	-15.6	Pass
3	5860.00	23.17	3.86	34.65	61.68	Marker	Vertical	145	358	68.2	-6.6	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

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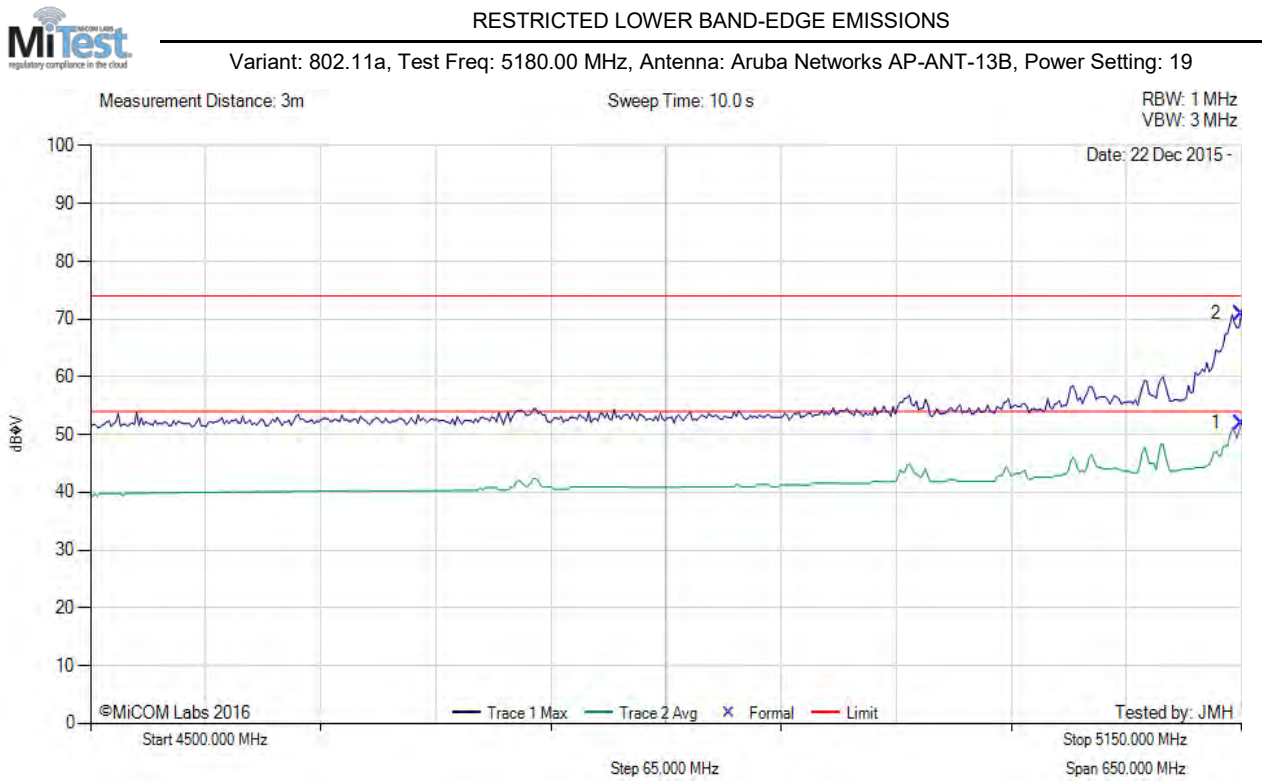
A.4.2 Antenna AP-ANT-13B



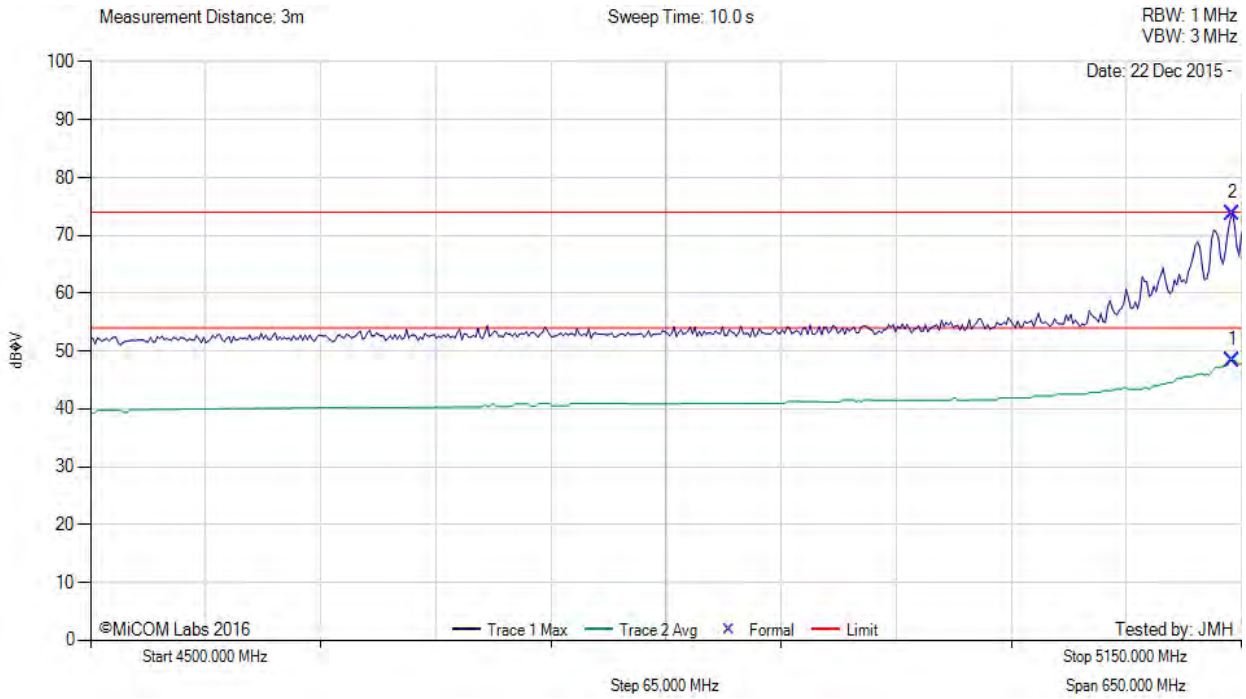
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	14.21	3.67	34.11	51.99	Max Avg	Vertical	182	340	54.0	-2.0	Pass
2	5150.00	33.16	3.67	34.11	70.94	Max Peak	Vertical	182	340	74.0	-3.1	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 17.5



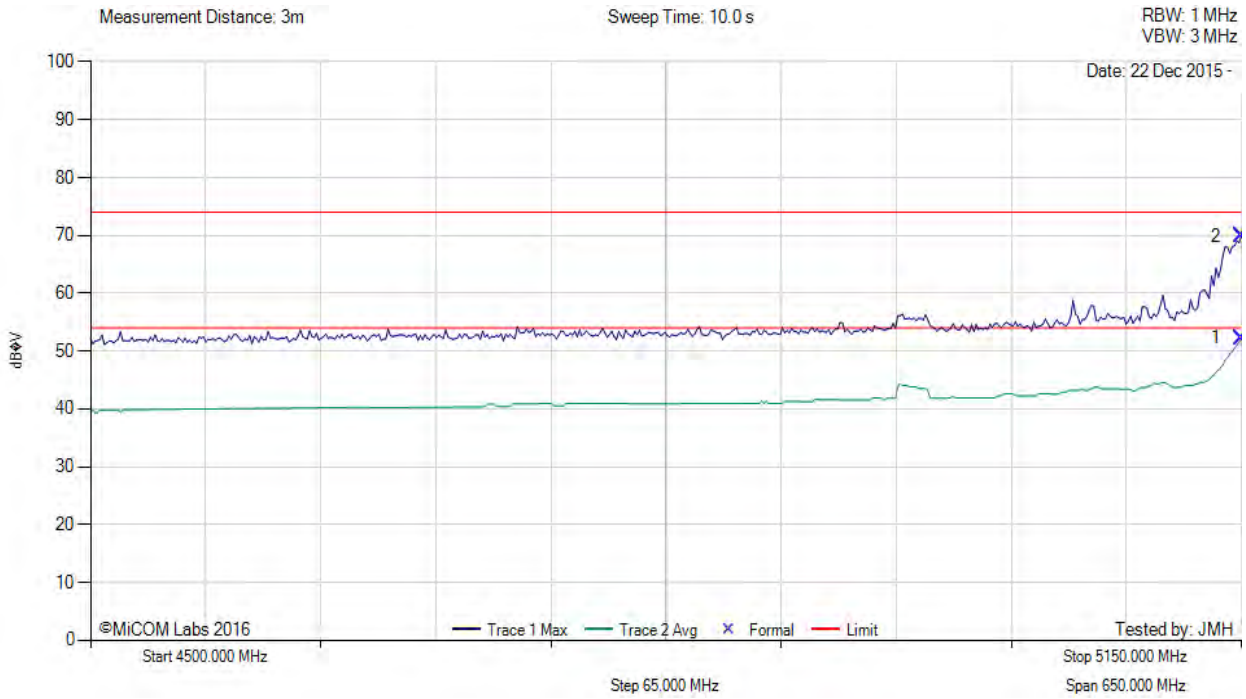
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5144.79	10.61	3.69	34.11	48.41	Max Avg	Vertical	182	340	54.0	-5.6	Pass
2	5144.79	36.03	3.69	34.11	73.83	Max Peak	Vertical	182	340	74.0	-0.2	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 20



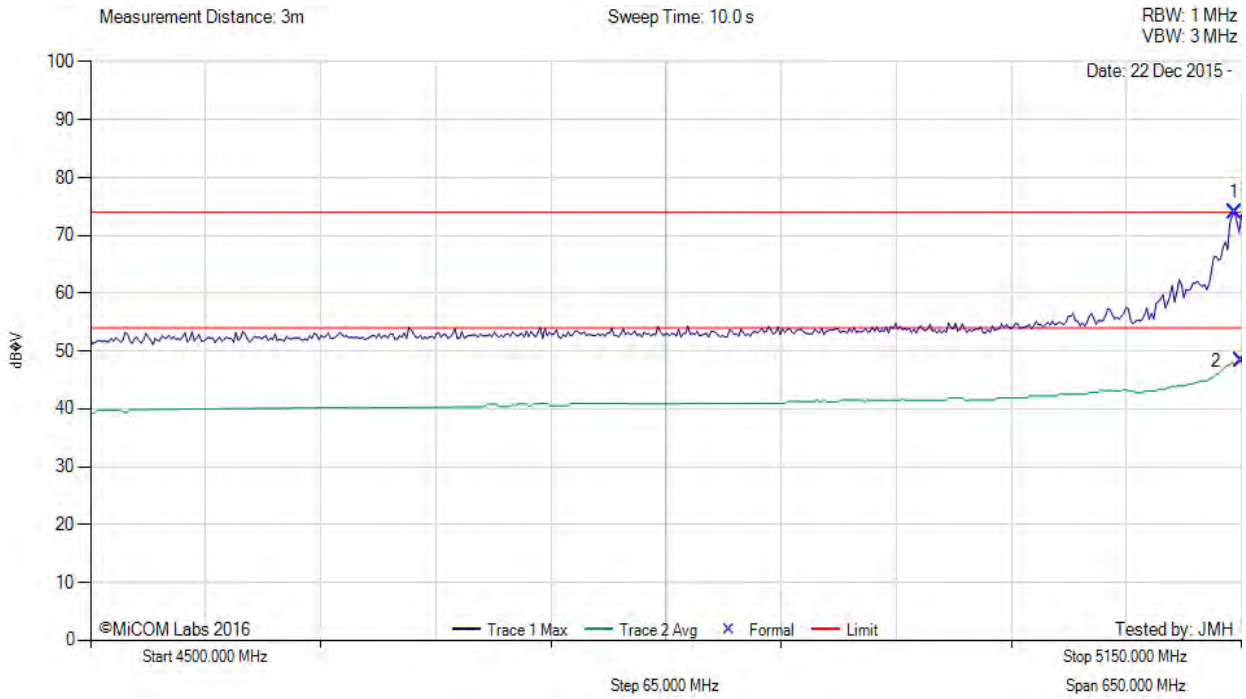
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	14.44	3.67	34.11	52.22	Max Avg	Vertical	182	340	54.0	-1.8	Pass
2	5150.00	32.13	3.67	34.11	69.91	Max Peak	Vertical	182	340	74.0	-4.1	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 17.5



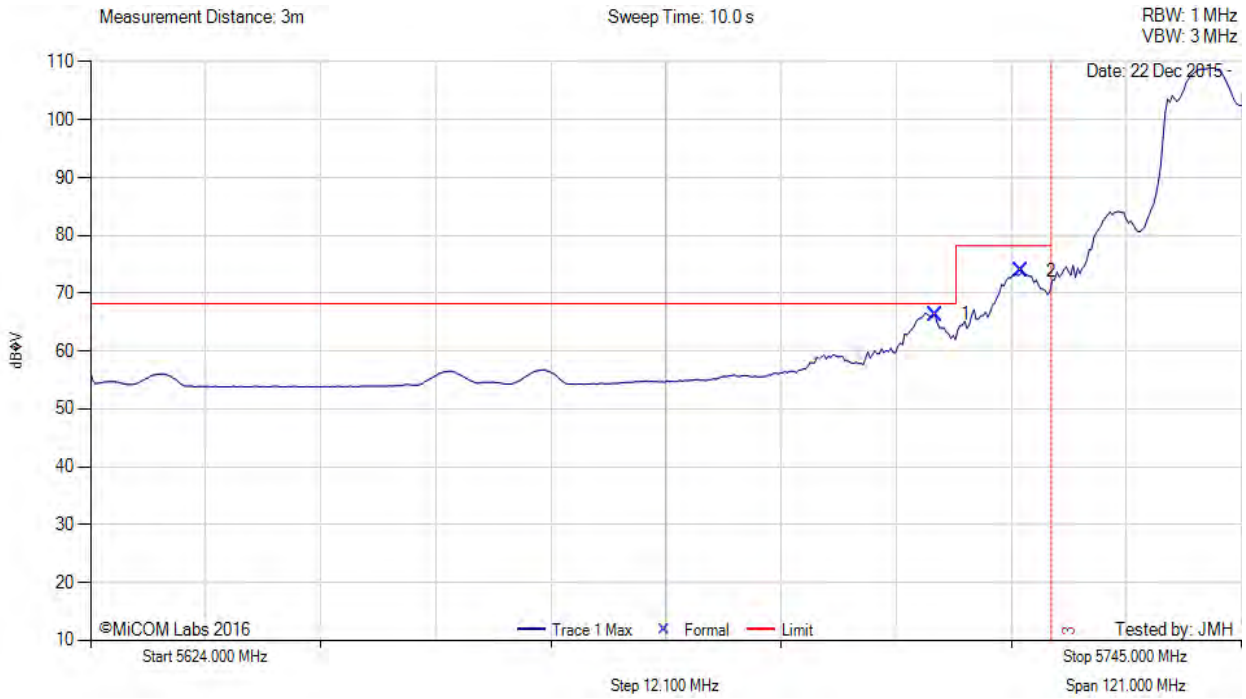
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5146.09	36.11	3.69	34.11	73.91	Max Peak	Vertical	182	340	74.0	-0.1	Pass
2	5150.00	10.46	3.67	34.11	48.24	Max Avg	Vertical	182	340	54.0	-5.8	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 21



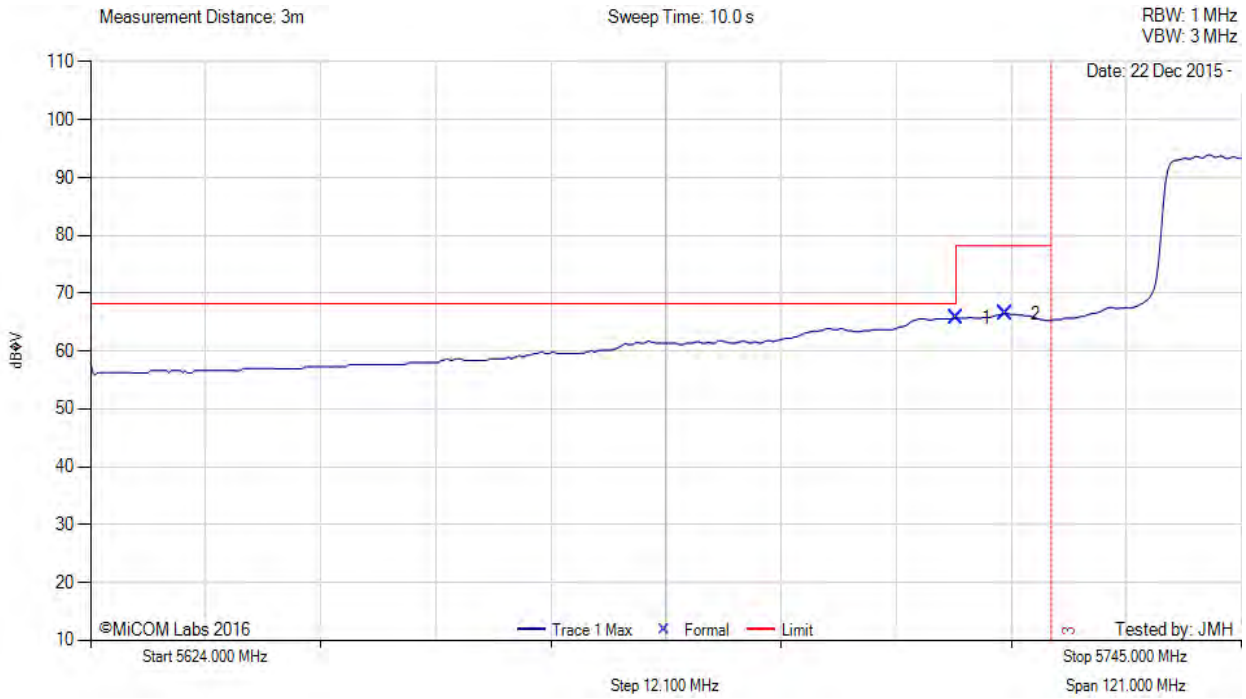
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5712.82	28.21	3.82	34.34	66.37	Marker	Vertical	187	5	68.2	-1.9	Pass
2	5721.85	35.77	3.80	34.35	73.92	Marker	Vertical	187	5	78.2	-4.3	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 21



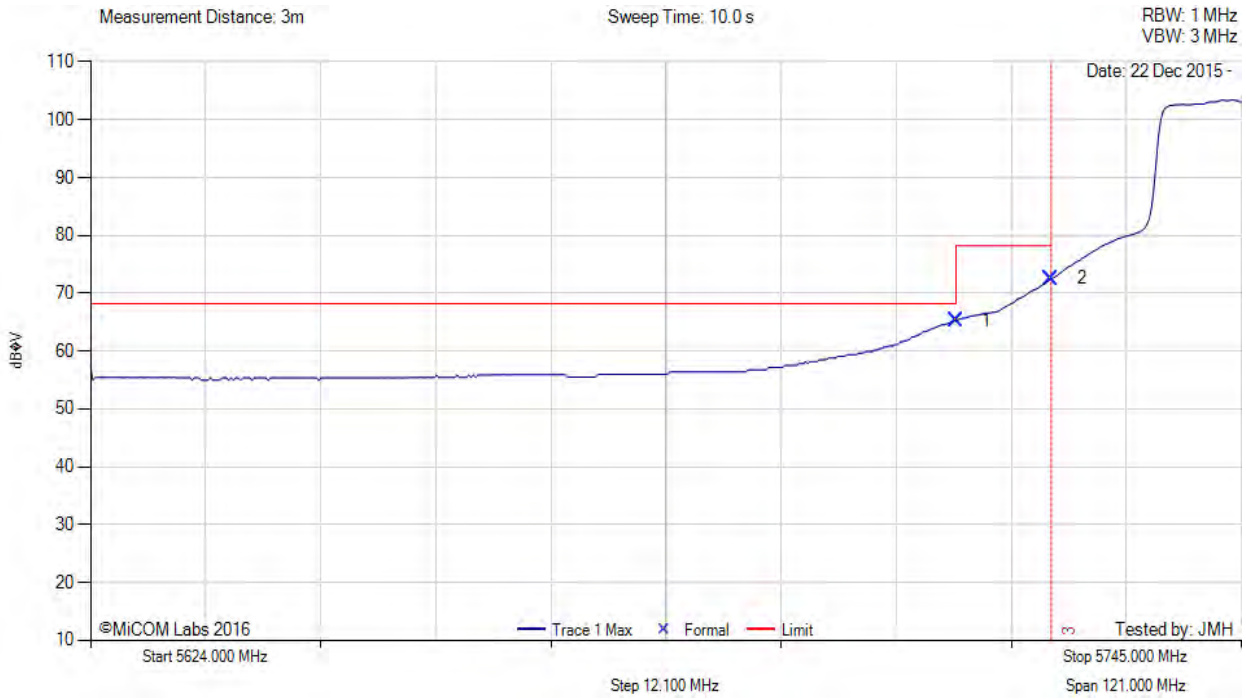
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.54	3.81	34.34	65.69	Marker	Vertical	187	5	68.2	-2.5	Pass
2	5720.15	28.33	3.80	34.35	66.48	Marker	Vertical	187	5	78.2	-11.8	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



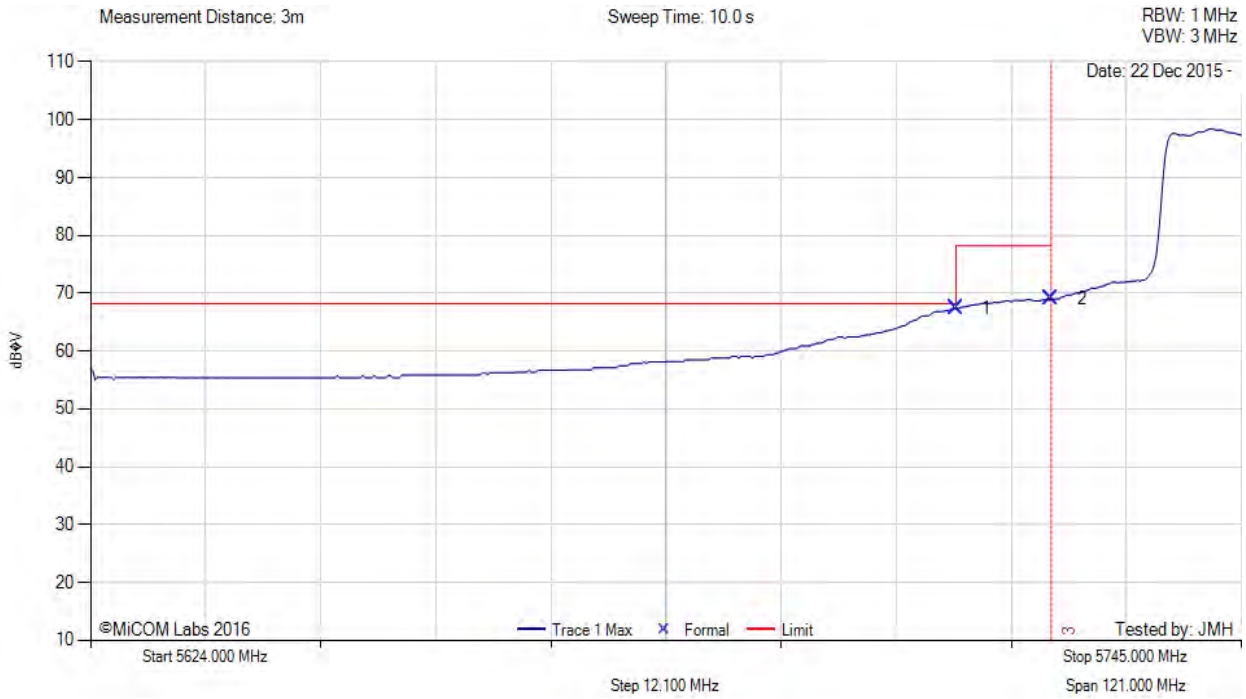
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.13	3.81	34.34	65.28	Marker	Vertical	187	5	68.2	-3.0	Pass
2	5725.00	34.43	3.79	34.35	72.57	Marker	Vertical	187	5	78.2	-5.7	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 21



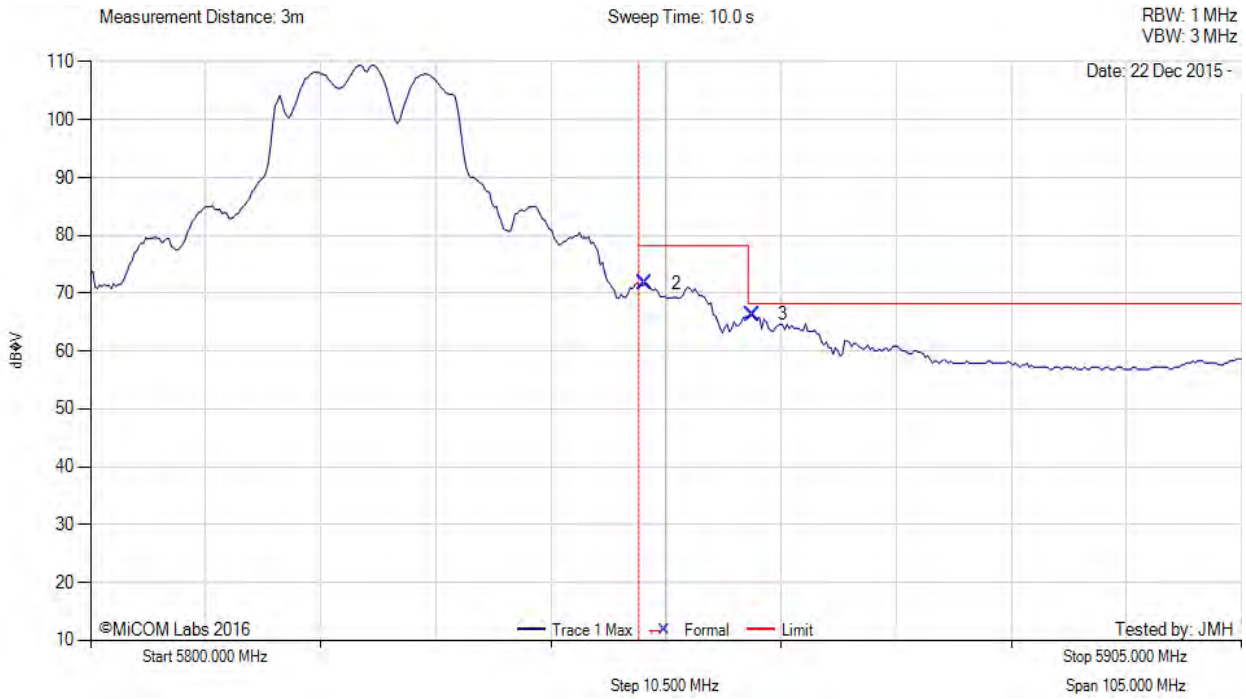
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	29.26	3.81	34.34	67.41	Marker	Vertical	187	5	68.2	-0.8	Pass
2	5725.00	30.91	3.79	34.35	69.05	Marker	Vertical	187	5	78.2	-9.2	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



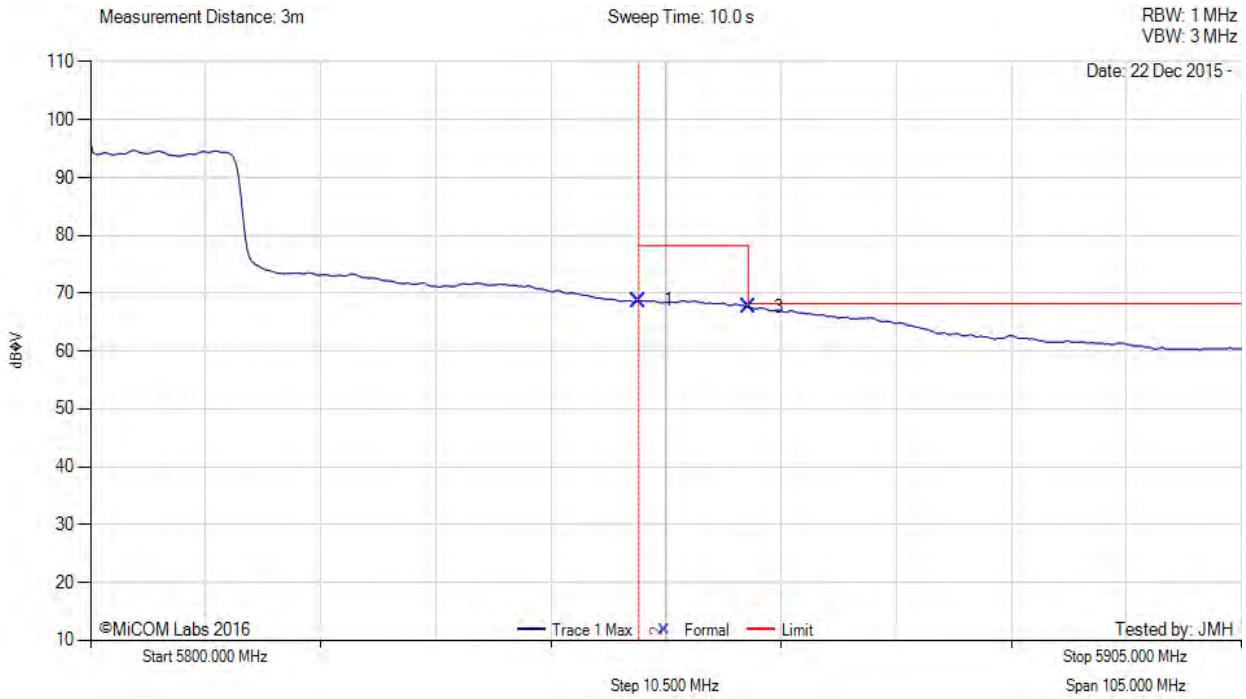
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5850.63	33.34	3.81	34.63	71.78	Marker	Vertical	186	346	78.2	-6.5	Pass
3	5860.42	27.82	3.86	34.65	66.33	Marker	Vertical	186	346	68.2	-1.9	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



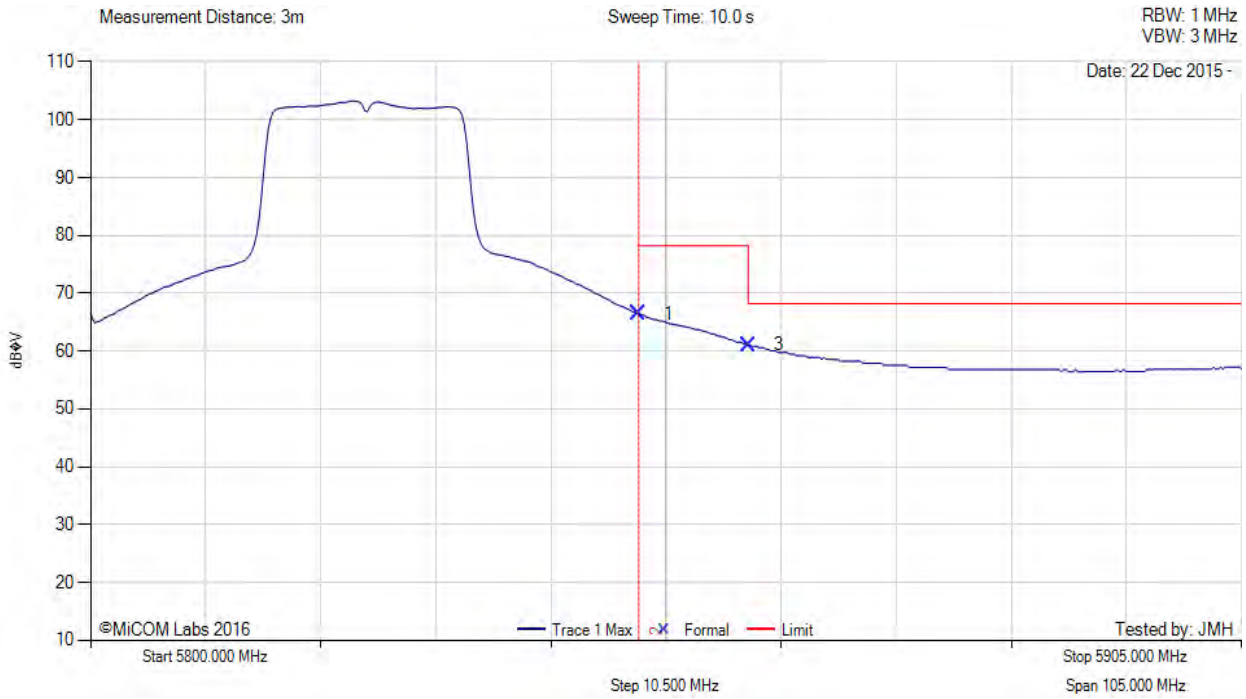
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	30.26	3.81	34.63	68.70	Marker	Vertical	186	346	78.2	-9.5	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	29.16	3.86	34.65	67.67	Marker	Vertical	186	346	68.2	-0.6	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



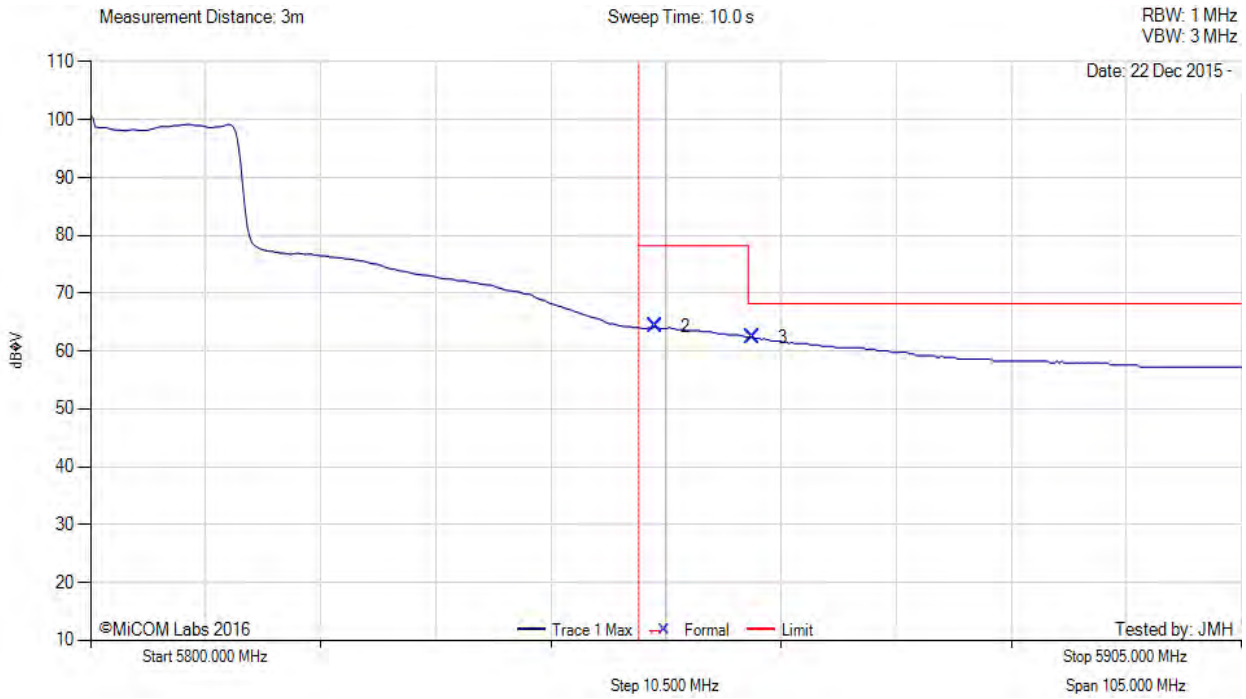
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	27.99	3.81	34.63	66.43	Marker	Vertical	186	346	78.2	-11.8	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	22.56	3.86	34.65	61.07	Marker	Vertical	186	346	68.2	-7.2	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-13B, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.47	25.80	3.81	34.63	64.24	Marker	Vertical	186	346	78.2	-14.0	Pass
3	5860.42	23.90	3.86	34.65	62.41	Marker	Vertical	186	346	68.2	-5.8	Pass

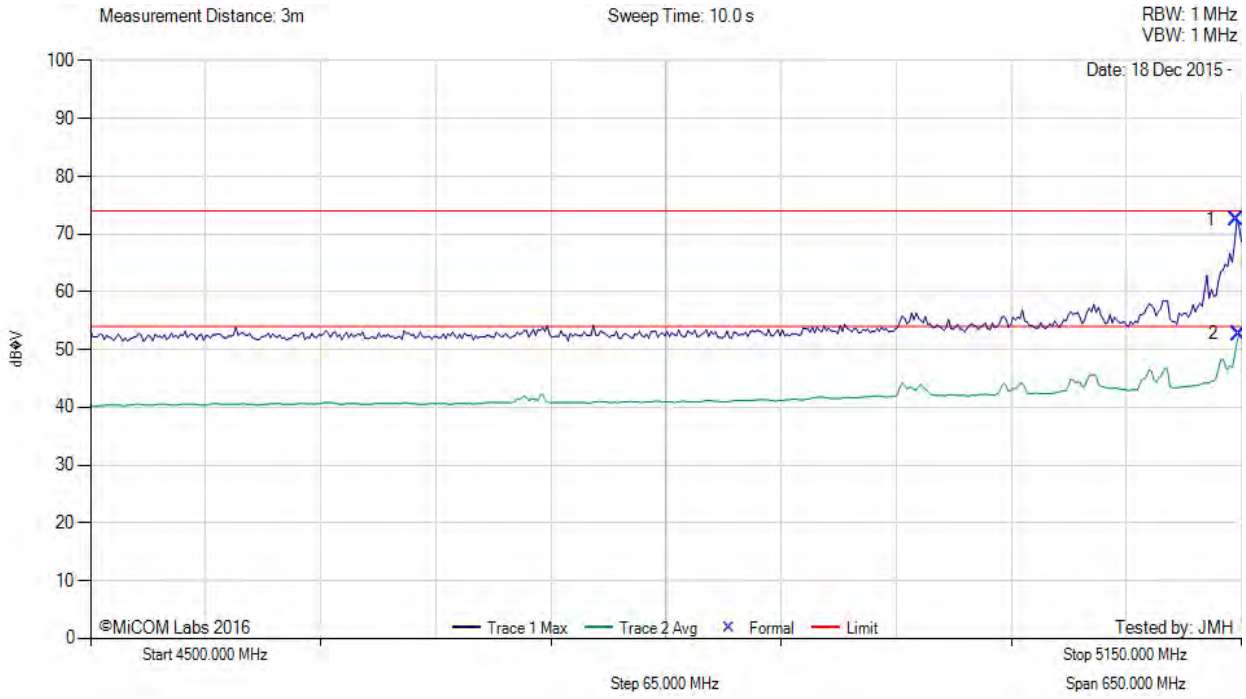
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

A.4.3 Antenna AP-ANT-16

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 20

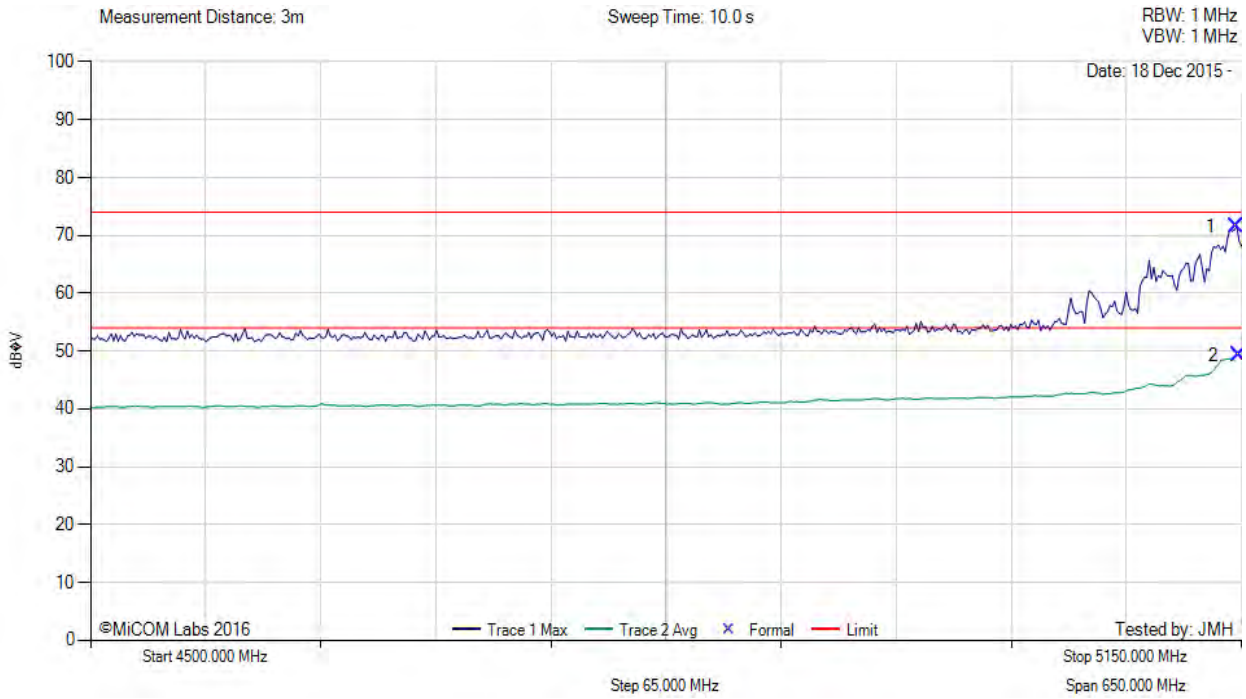


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5147.39	34.70	3.68	34.11	72.49	Max Peak	Horizontal	154	20	74.0	-1.5	Pass
2	5148.70	14.95	3.67	34.11	52.73	Max Avg	Horizontal	154	20	54.0	-1.3	Pass

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 19

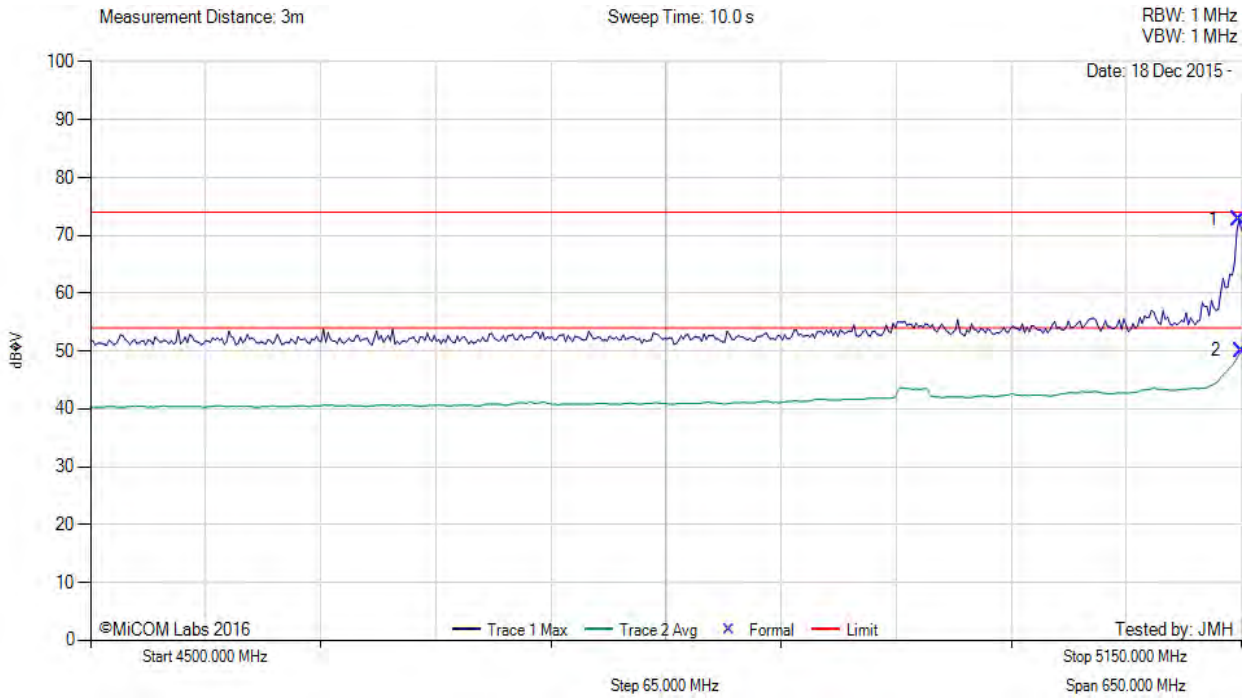


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5147.39	33.75	3.68	34.11	71.54	Max Peak	Horizontal	154	20	74.0	-2.5	Pass
2	5148.70	11.55	3.67	34.11	49.33	Max Avg	Horizontal	154	20	54.0	-4.7	Pass

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21

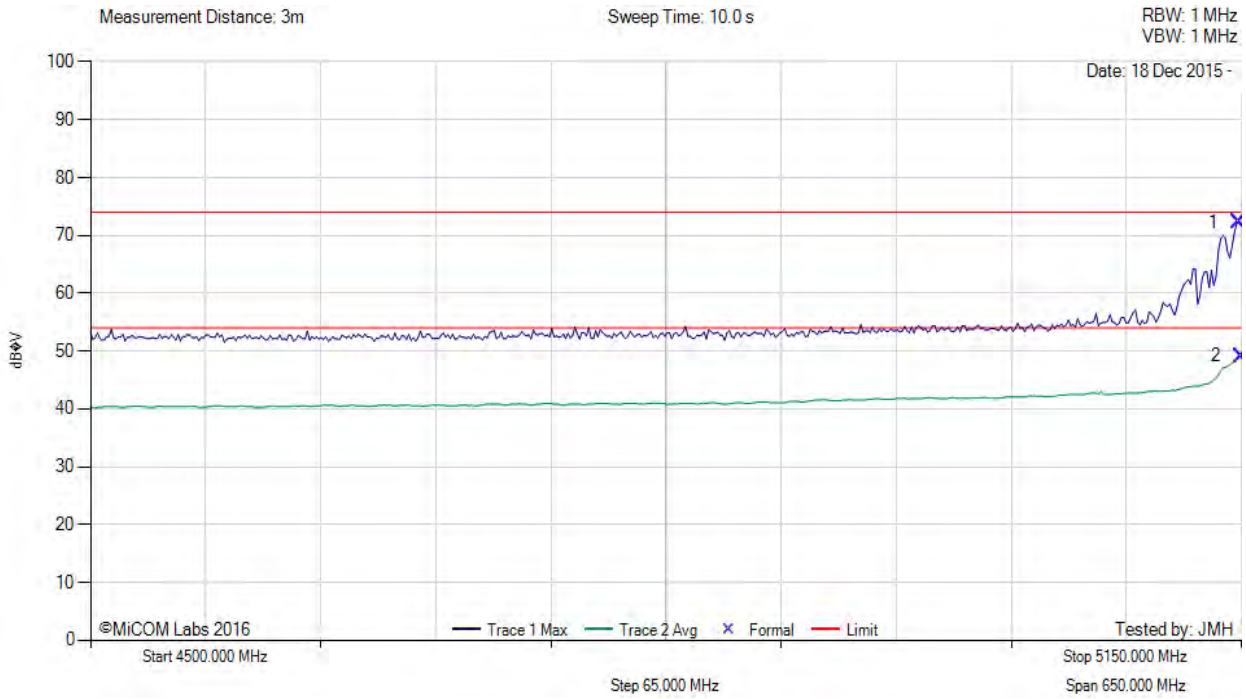


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	34.96	3.67	34.11	72.74	Max Peak	Horizontal	154	20	74.0	-1.3	Pass
2	5150.00	12.28	3.67	34.11	50.06	Max Avg	Horizontal	154	20	54.0	-3.9	Pass

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 19

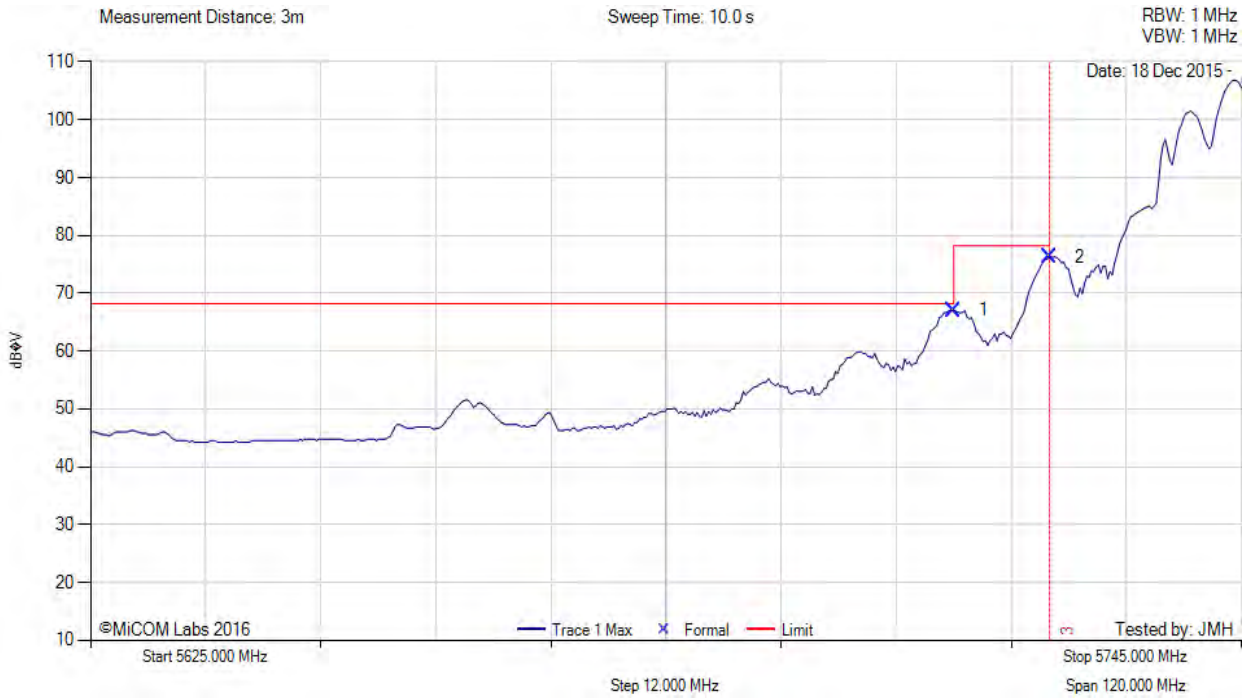


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	34.47	3.67	34.11	72.25	Max Peak	Horizontal	154	20	74.0	-1.8	Pass
2	5150.00	11.36	3.67	34.11	49.14	Max Avg	Horizontal	154	20	54.0	-4.9	Pass

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

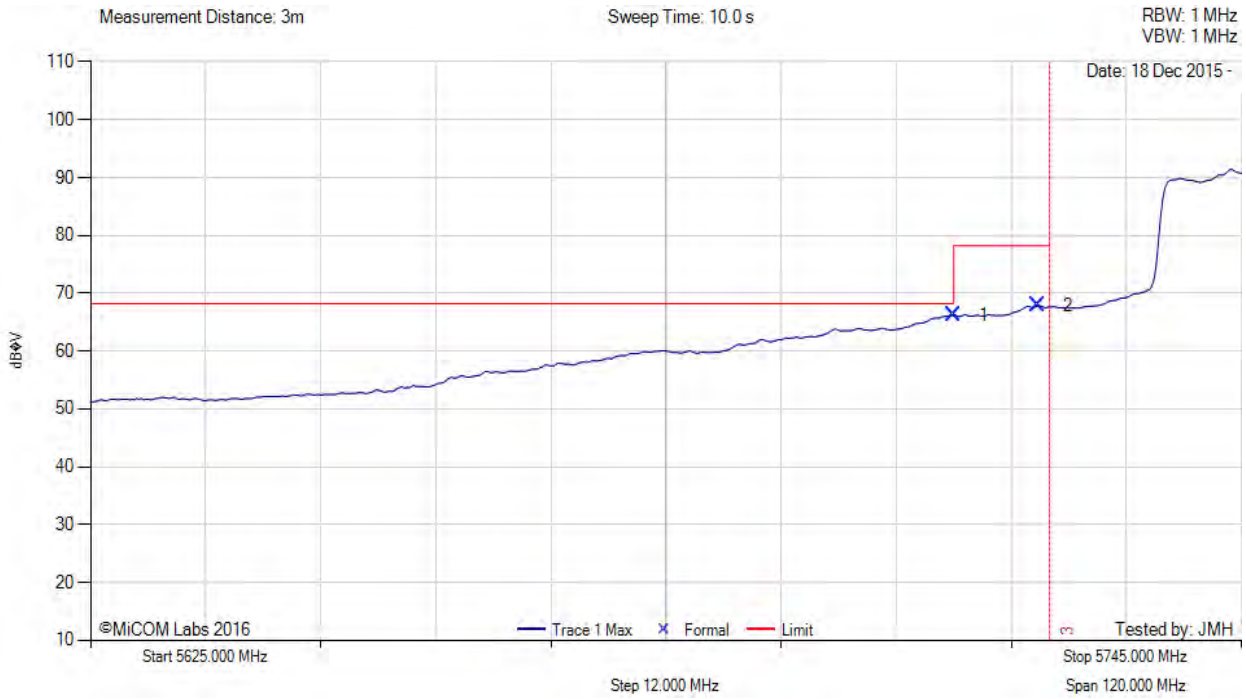


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5714.94	28.93	3.81	34.34	67.08	Marker	Horizontal	128	71	68.2	-1.2	Pass
2	5725.00	38.09	3.79	34.35	76.23	Marker	Horizontal	128	71	78.2	-2.0	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

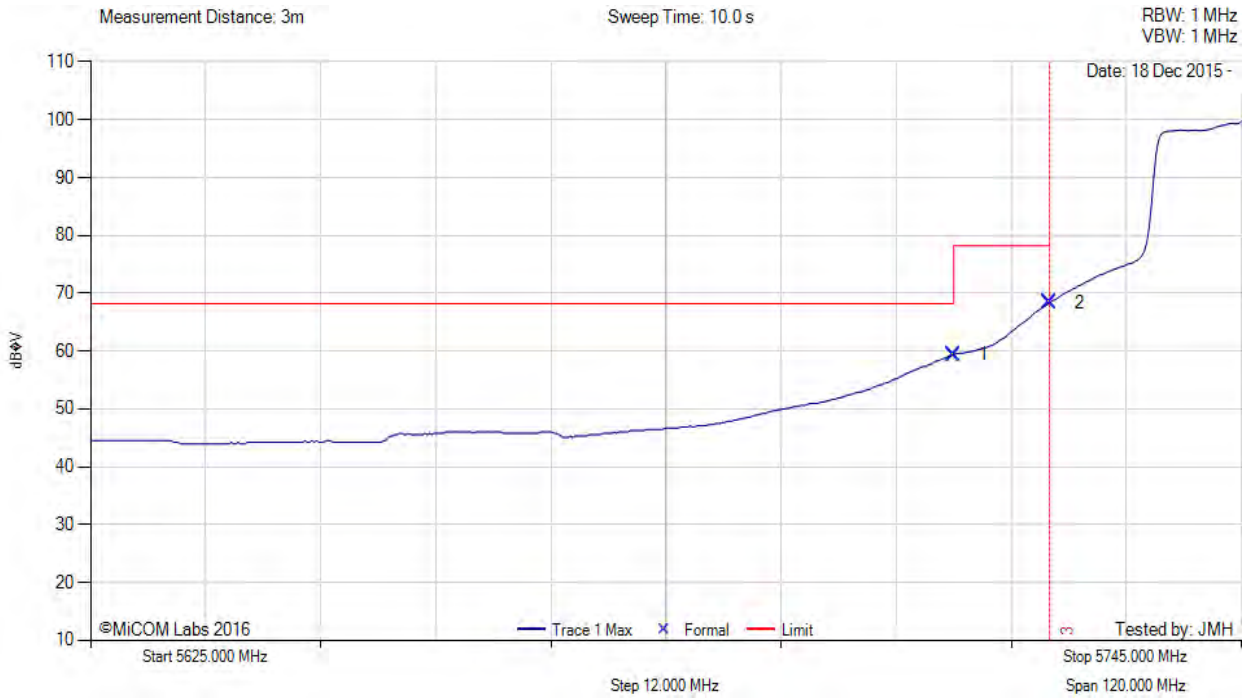


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	28.04	3.81	34.34	66.19	Marker	Horizontal	156	8	68.2	-2.0	Pass
2	5723.80	29.74	3.79	34.35	67.88	Marker	Horizontal	156	8	78.2	-10.4	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

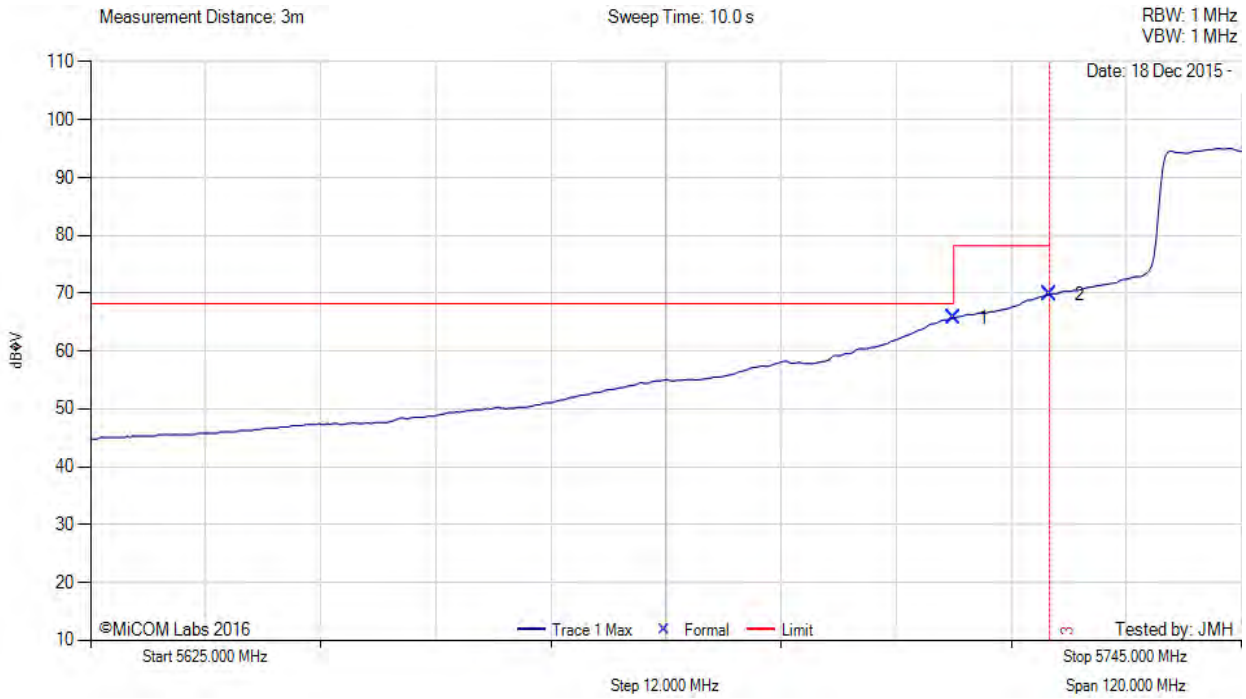


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	21.24	3.81	34.34	59.39	Marker	Horizontal	128	71	68.2	-8.8	Pass
2	5725.00	30.24	3.79	34.35	68.38	Marker	Horizontal	128	71	78.2	-9.9	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

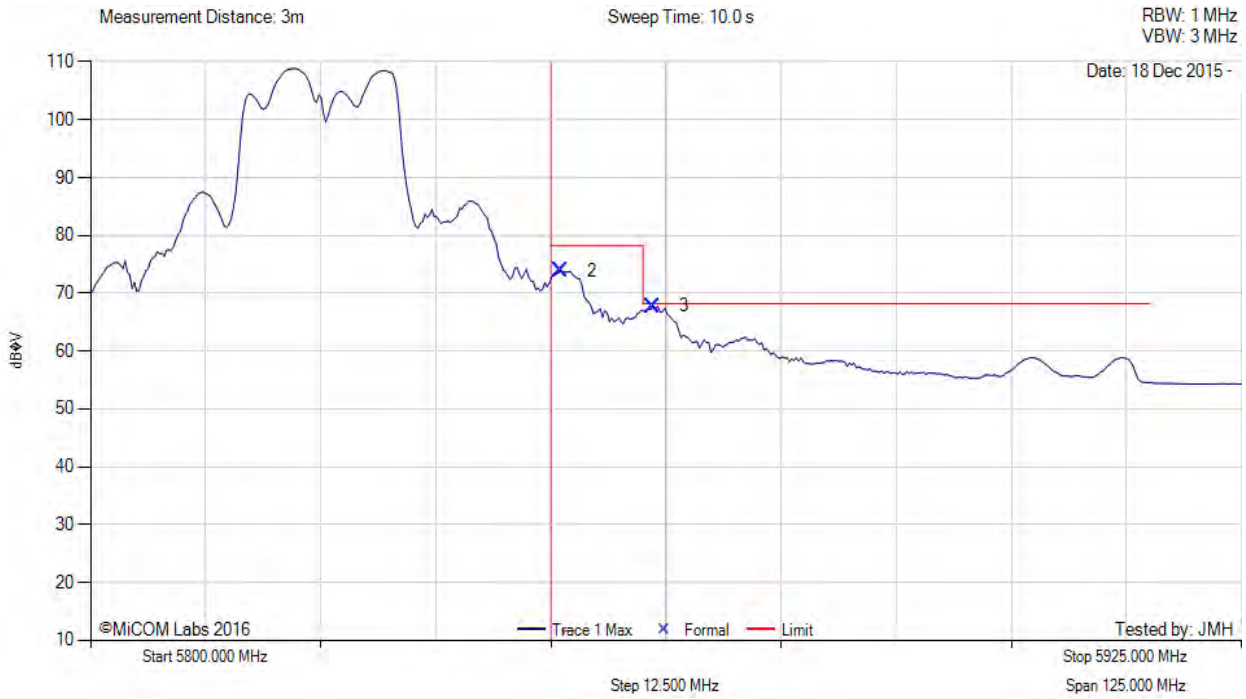


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.55	3.81	34.34	65.70	Marker	Horizontal	128	71	68.2	-2.5	Pass
2	5725.00	31.67	3.79	34.35	69.81	Marker	Horizontal	128	71	78.2	-8.4	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

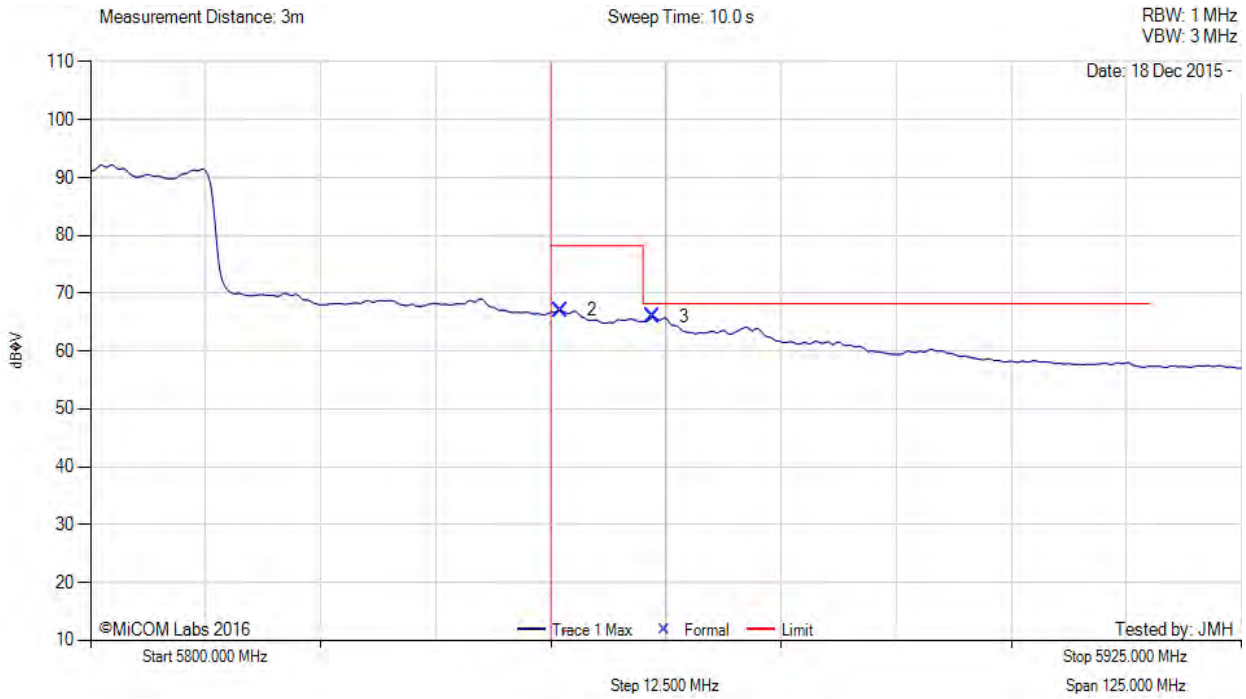


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.10	35.51	3.81	34.63	73.95	Marker	Horizontal	177	52	78.2	-4.3	Pass
3	5861.12	29.29	3.86	34.66	67.81	Marker	Horizontal	177	52	68.2	-0.4	Pass

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

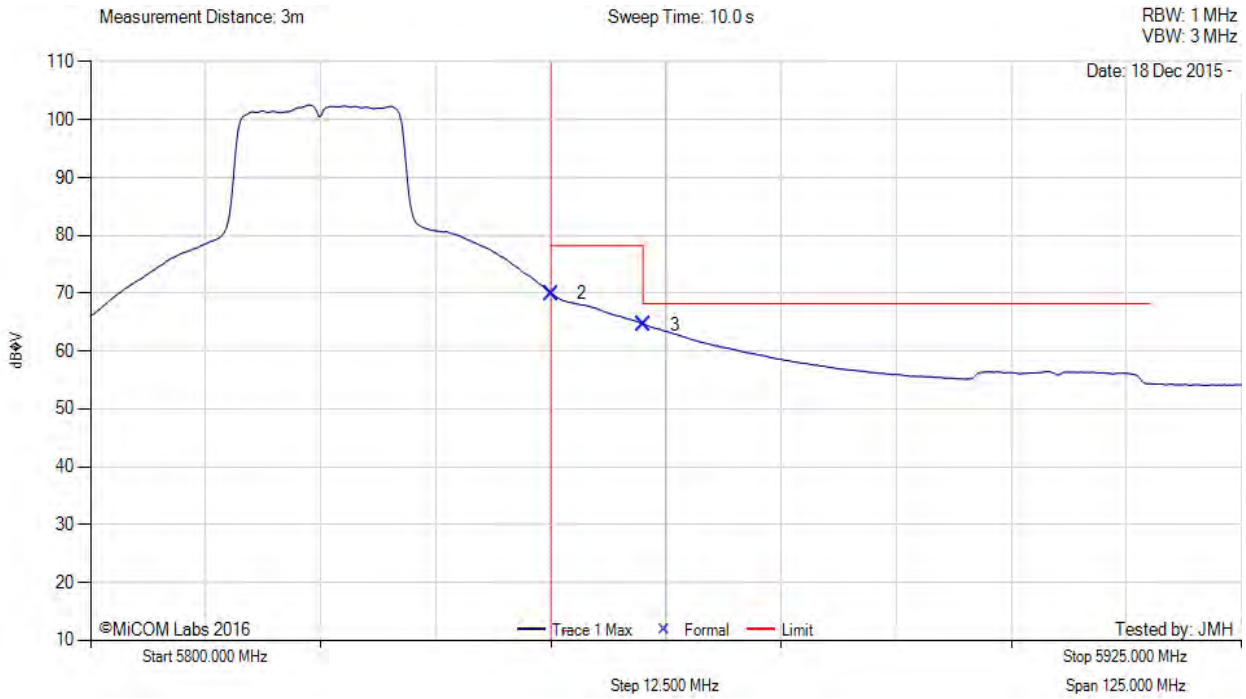


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.10	28.62	3.81	34.63	67.06	Marker	Horizontal	177	52	78.2	-11.2	Pass
3	5861.12	27.43	3.86	34.66	65.95	Marker	Horizontal	177	52	68.2	-2.3	Pass

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22

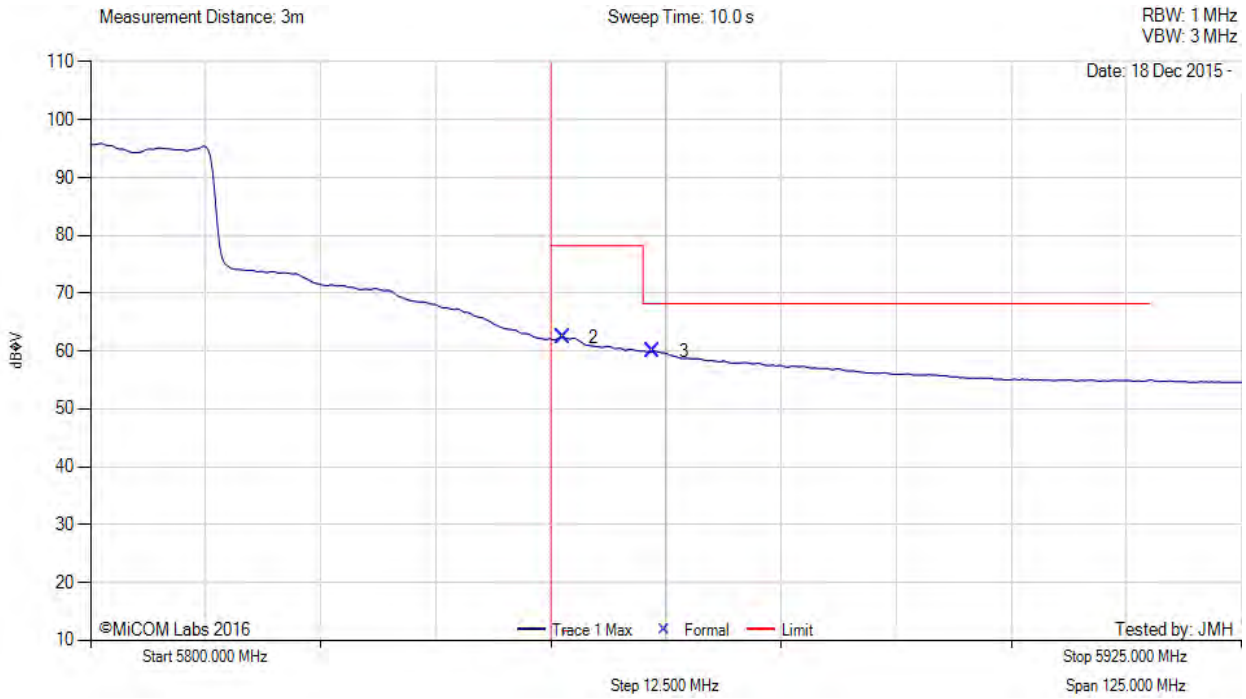


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5850.10	31.49	3.81	34.63	69.93	Marker	Horizontal	177	52	78.2	-8.3	Pass
3	5860.12	26.09	3.86	34.65	64.60	Marker	Horizontal	177	52	68.2	-3.6	Pass

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

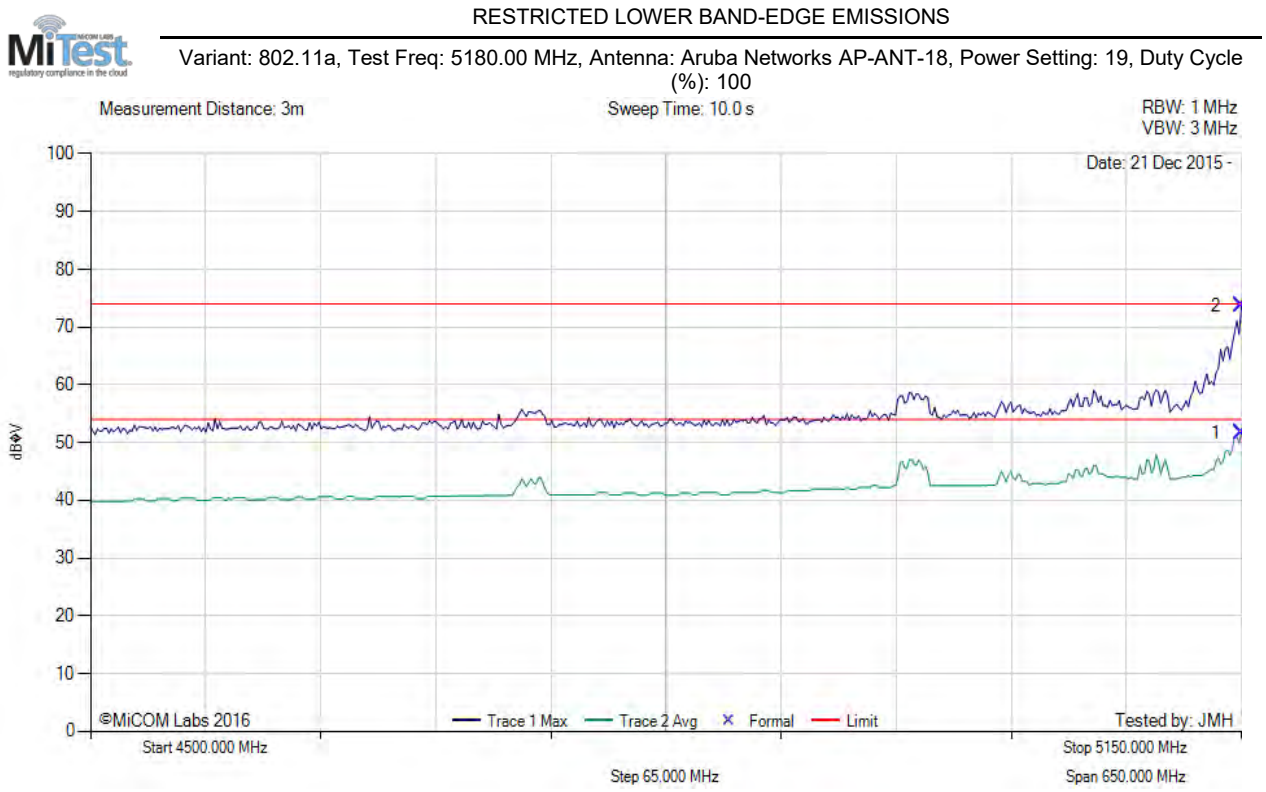
Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.35	24.01	3.81	34.63	62.45	Marker	Horizontal	177	52	78.2	-15.8	Pass
3	5861.12	21.50	3.86	34.66	60.02	Marker	Horizontal	177	52	68.2	-8.2	Pass

back to matrix

A.4.4 Antenna AP-ANT-18



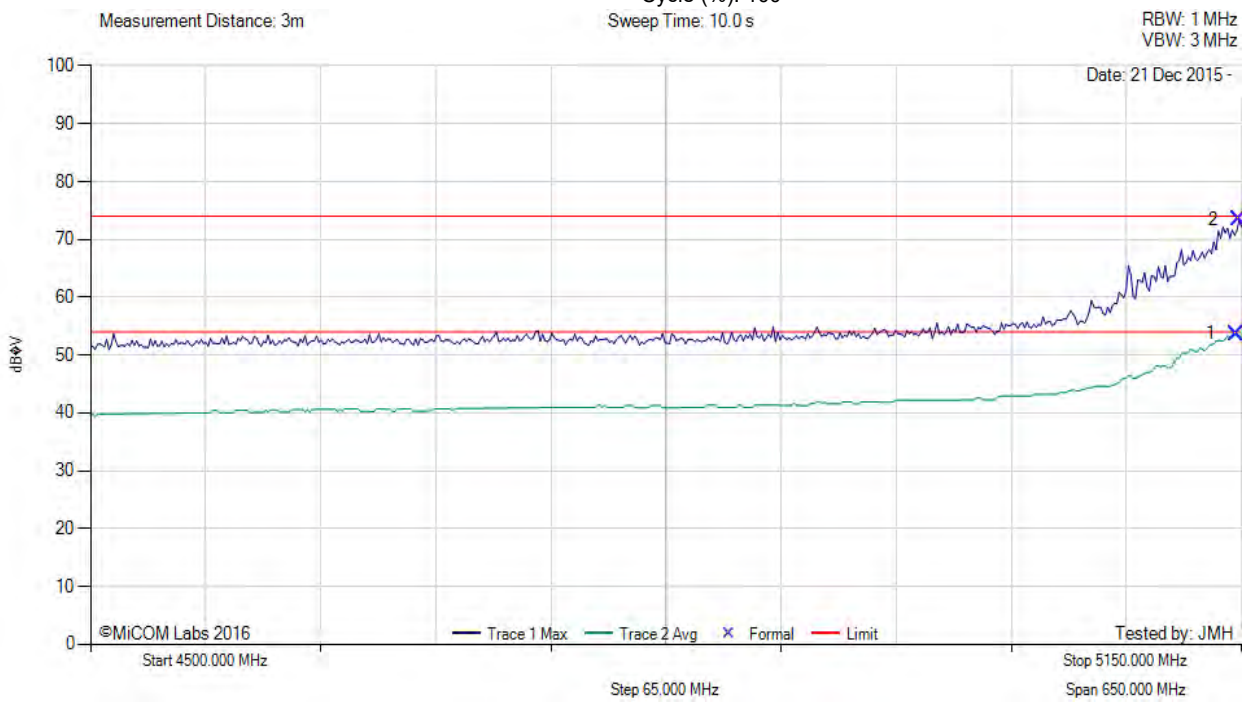
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	13.87	3.67	34.11	51.65	Max Avg	Vertical	151	23	54.0	-2.4	Pass
2	5150.00	35.95	3.67	34.11	73.73	Max Peak	Vertical	151	23	74.0	-0.3	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 18, Duty Cycle (%): 100



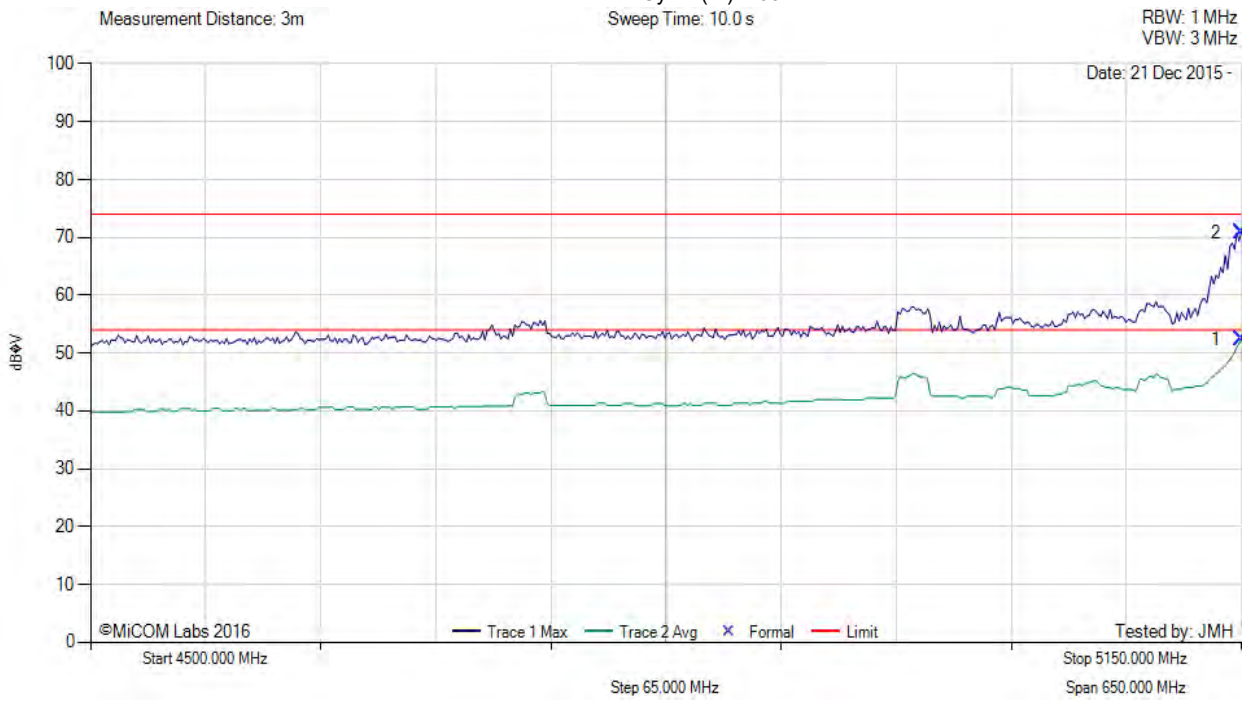
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5147.39	15.93	3.68	34.11	53.72	Max Avg	Vertical	151	23	54.0	-0.3	Pass
2	5148.70	35.61	3.67	34.11	73.39	Max Peak	Vertical	151	23	74.0	-0.6	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 19, Duty Cycle (%): 100



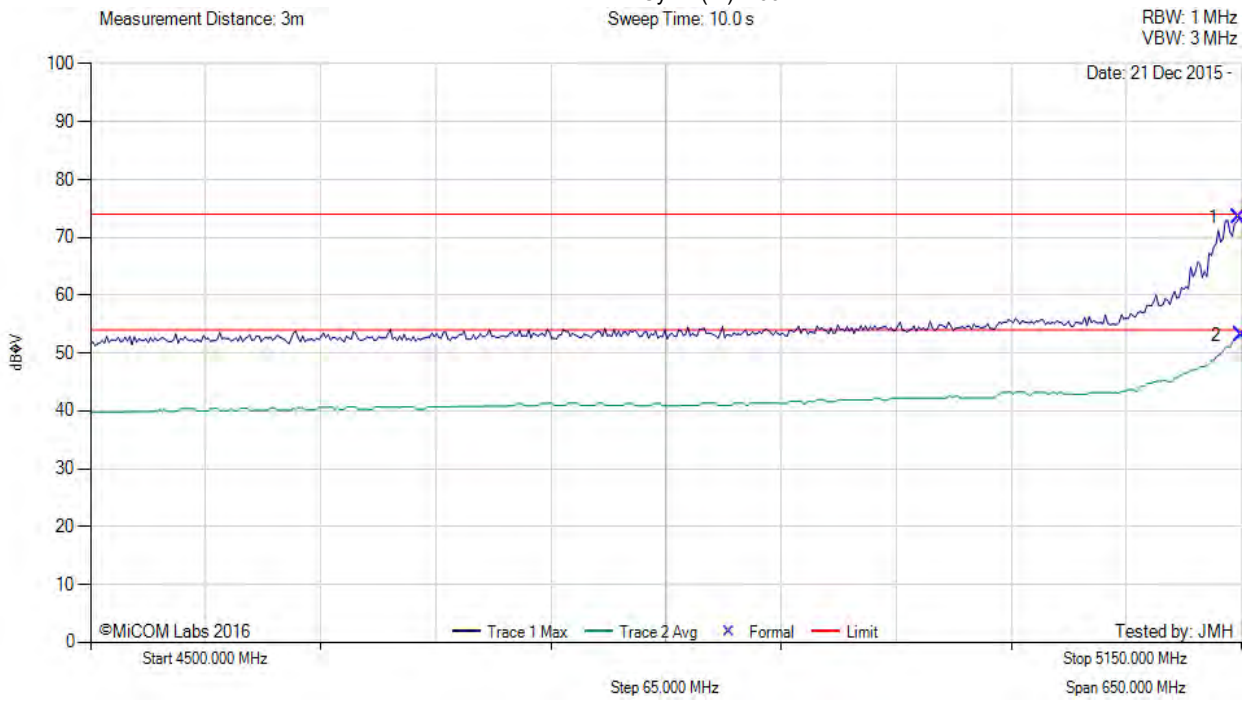
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	14.65	3.67	34.11	52.43	Max Avg	Vertical	151	23	54.0	-1.6	Pass
2	5150.00	33.10	3.67	34.11	70.88	Max Peak	Vertical	151	23	74.0	-3.1	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 18, Duty Cycle (%): 100



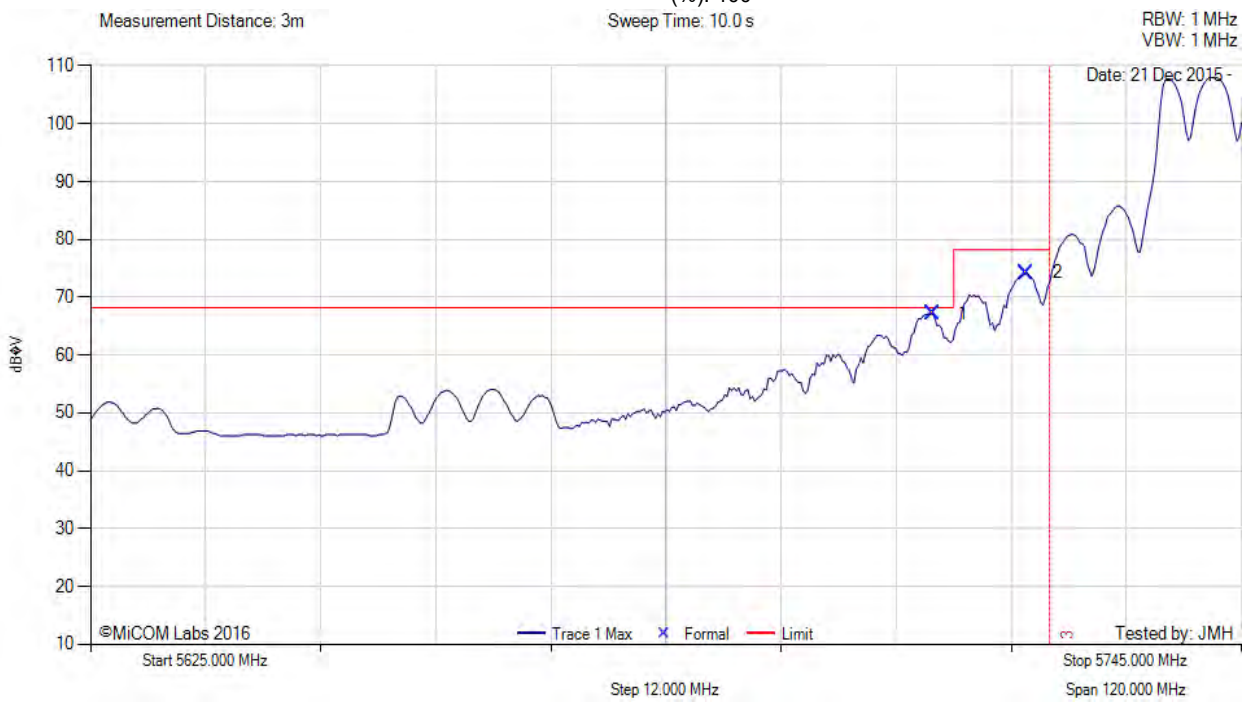
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	35.63	3.67	34.11	73.41	Max Peak	Vertical	151	23	74.0	-0.6	Pass
2	5150.00	15.27	3.67	34.11	53.05	Max Avg	Vertical	151	23	54.0	-1.0	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



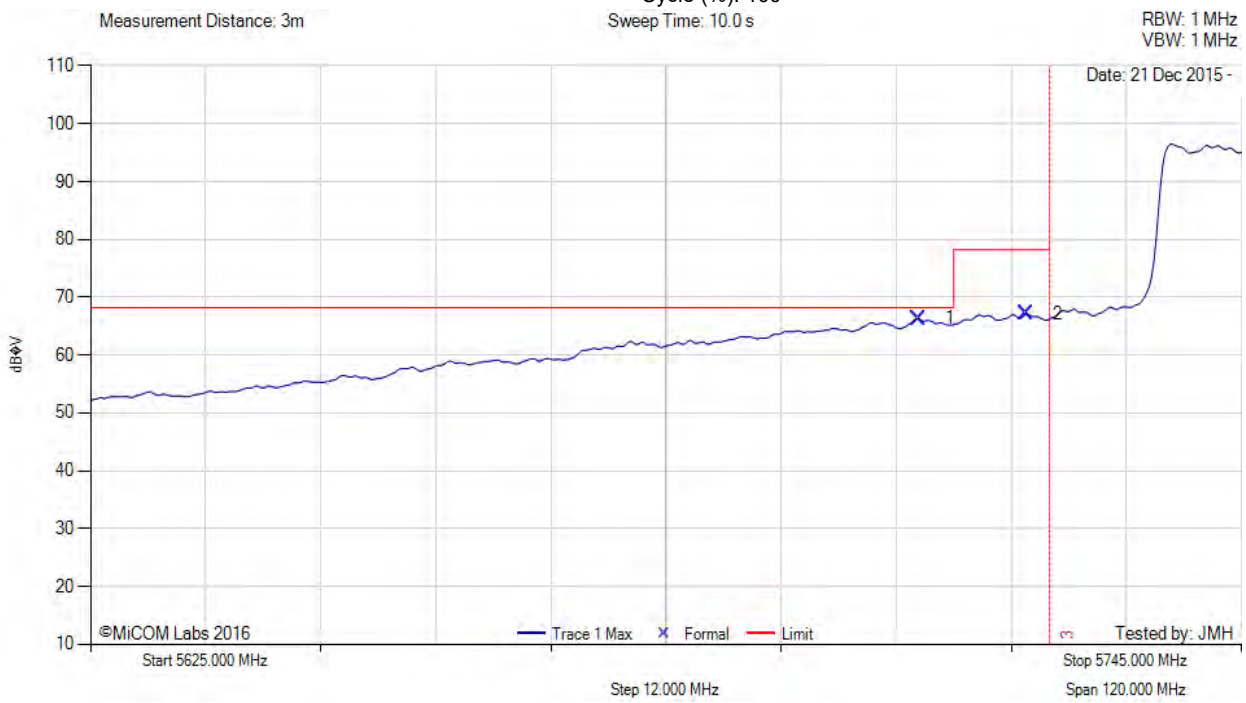
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5712.84	29.00	3.82	34.34	67.16	Marker	Vertical	168	355	68.2	-1.1	Pass
2	5722.60	36.13	3.80	34.35	74.28	Marker	Vertical	168	355	78.2	-4.0	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 20, Duty Cycle (%): 100



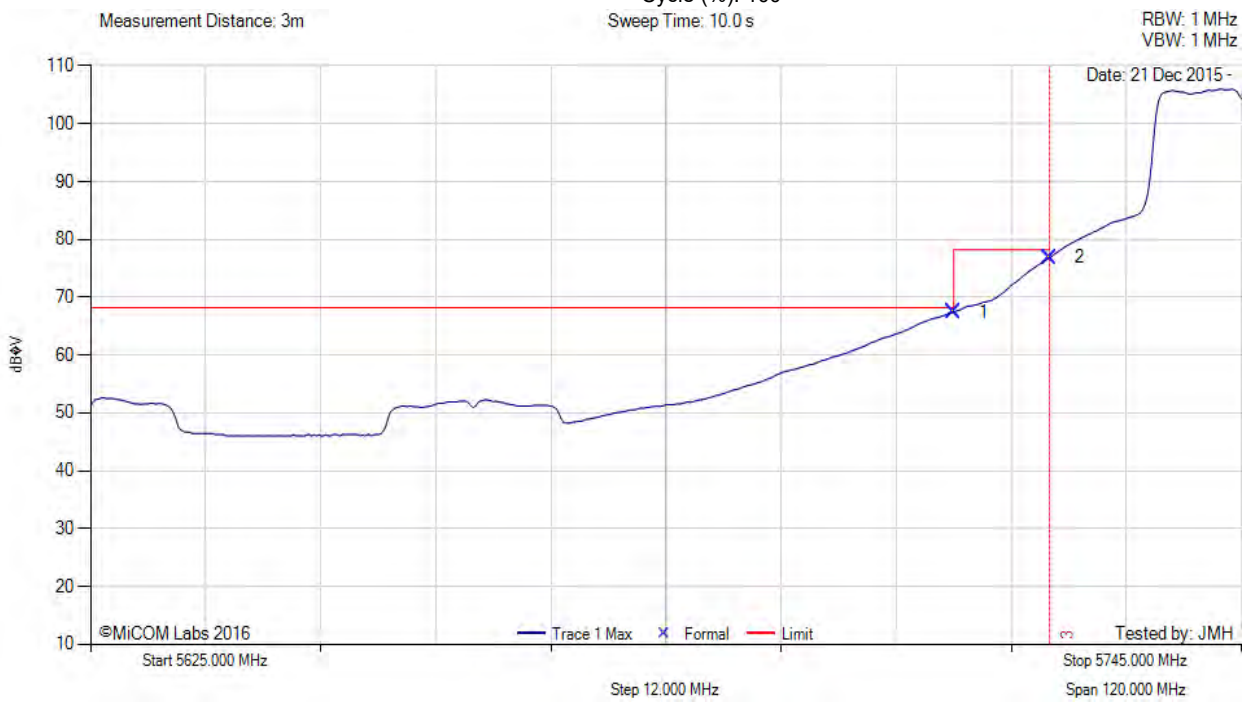
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5711.39	28.15	3.83	34.34	66.32	Marker	Vertical	168	355	68.2	-1.9	Pass
2	5722.60	28.97	3.80	34.35	67.12	Marker	Vertical	168	355	78.2	-11.1	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



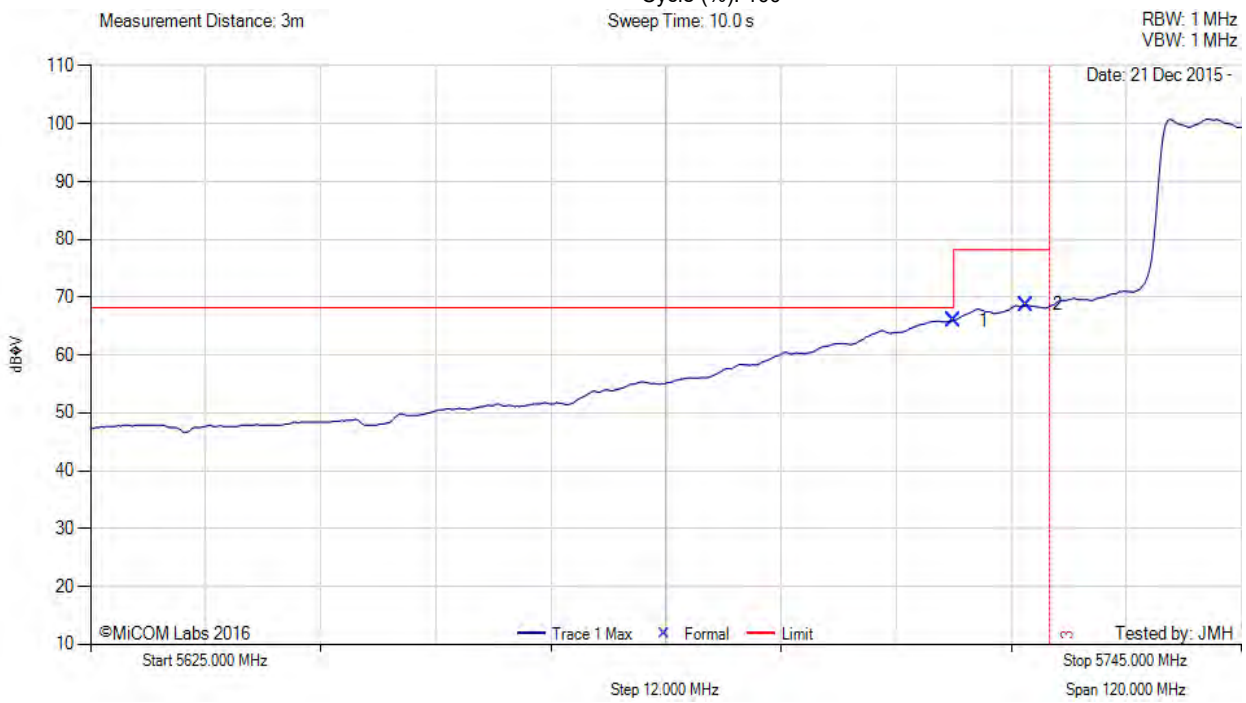
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	29.25	3.81	34.34	67.40	Marker	Vertical	168	355	68.2	-0.8	Pass
2	5725.00	38.75	3.79	34.35	76.89	Marker	Vertical	168	355	78.2	-1.3	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 20, Duty Cycle (%): 100



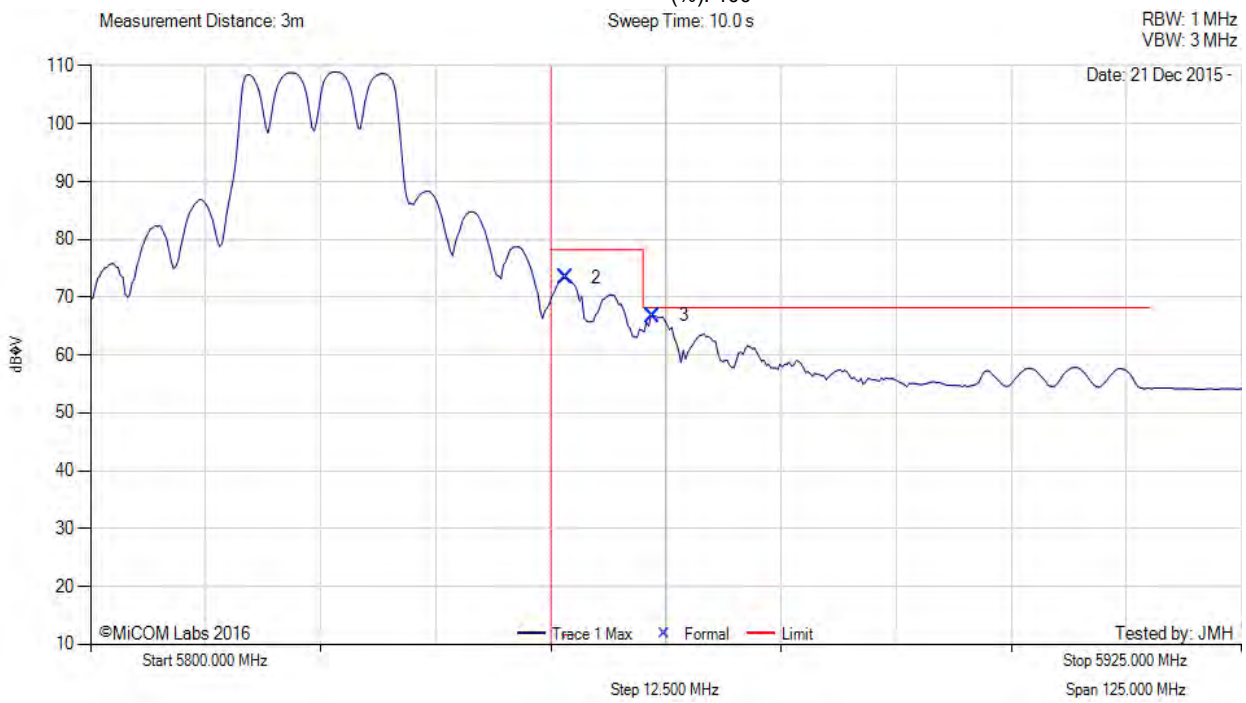
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.86	3.81	34.34	66.01	Marker	Vertical	168	355	68.2	-2.2	Pass
2	5722.60	30.54	3.80	34.35	68.69	Marker	Vertical	168	355	78.2	-9.5	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



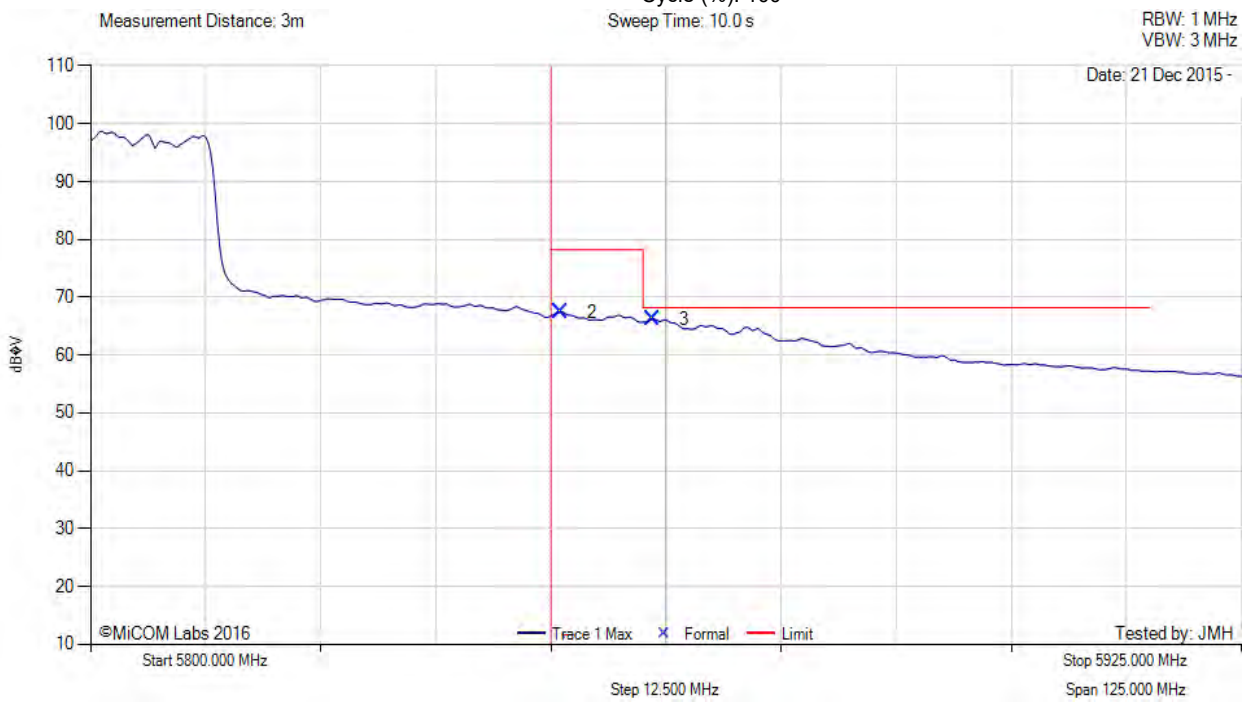
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.60	34.88	3.82	34.63	73.33	Marker	Vertical	150	355	78.2	-4.9	Pass
3	5861.12	28.33	3.86	34.66	66.85	Marker	Vertical	150	355	68.2	-1.4	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 20, Duty Cycle (%): 100



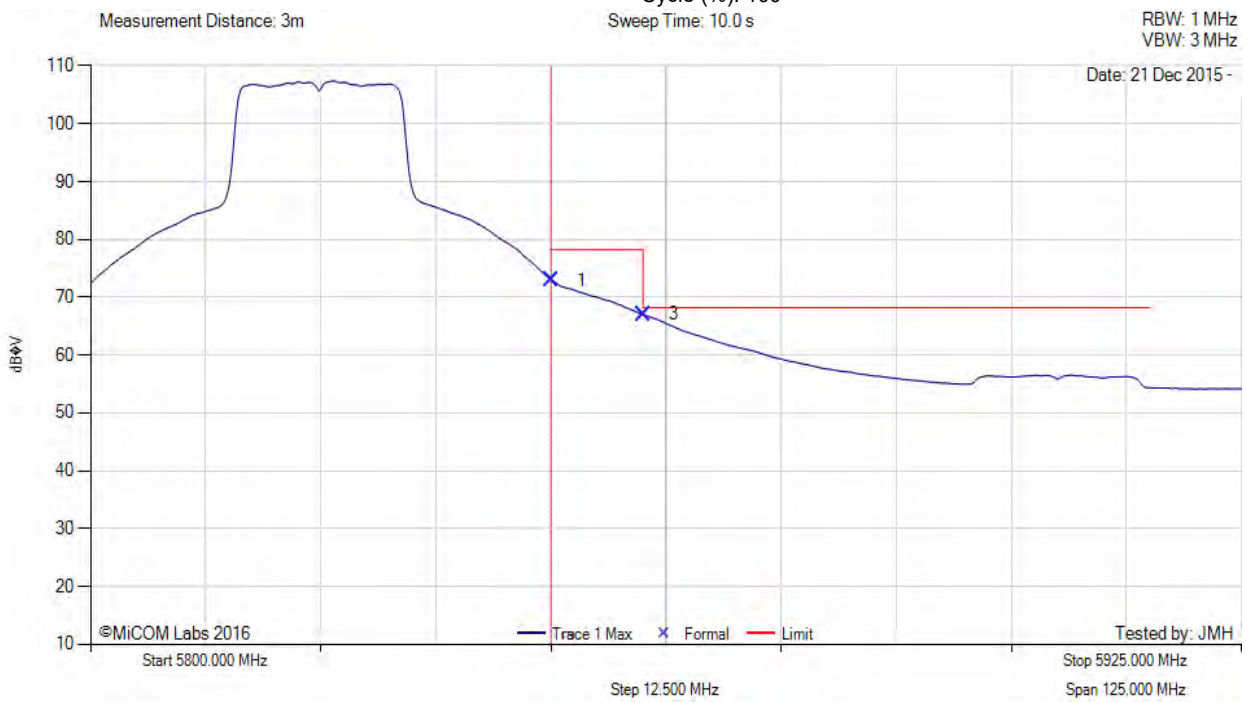
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.10	29.04	3.81	34.63	67.48	Marker	Vertical	150	355	78.2	-10.8	Pass
3	5861.12	27.73	3.86	34.66	66.25	Marker	Vertical	150	355	68.2	-2.0	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



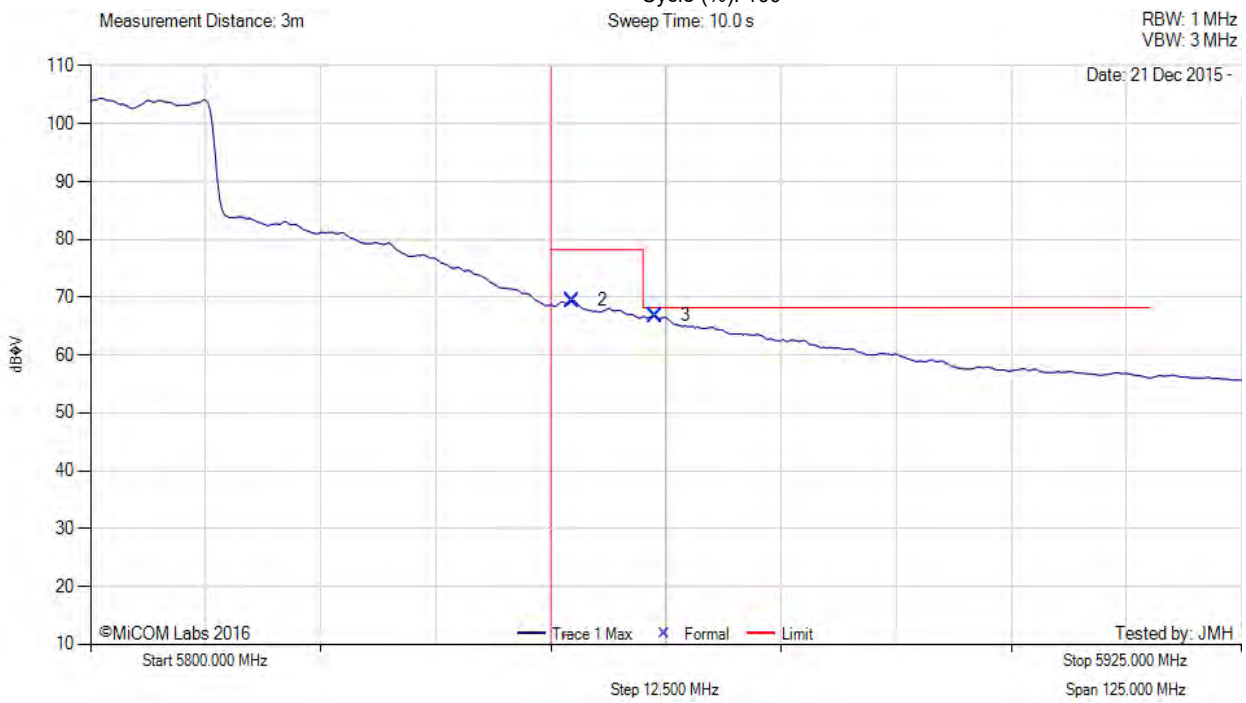
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	34.50	3.81	34.63	72.94	Marker	Vertical	150	355	78.2	-5.3	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	28.53	3.86	34.65	67.04	Marker	Vertical	150	355	68.2	-1.2	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 22, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5852.35	30.96	3.82	34.63	69.41	Marker	Vertical	150	355	78.2	-8.8	Pass
3	5861.37	28.26	3.86	34.66	66.78	Marker	Vertical	150	355	68.2	-1.5	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

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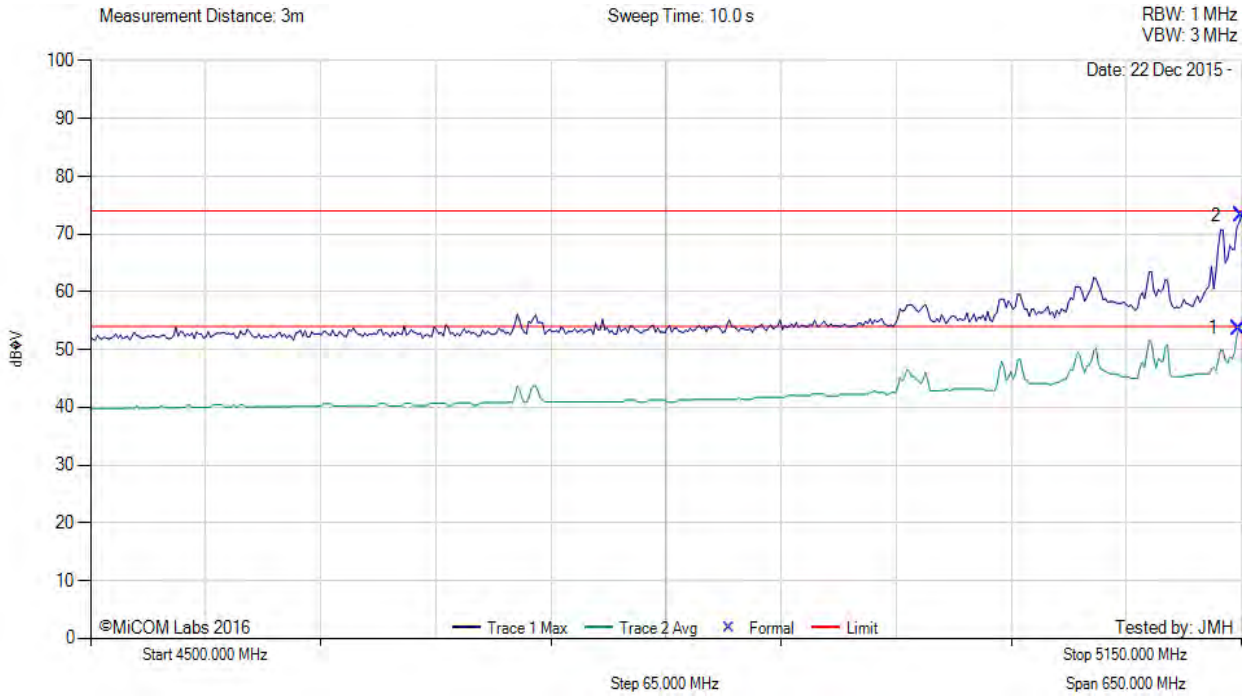
A.4.5 Antenna AP-ANT-19

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 17.25



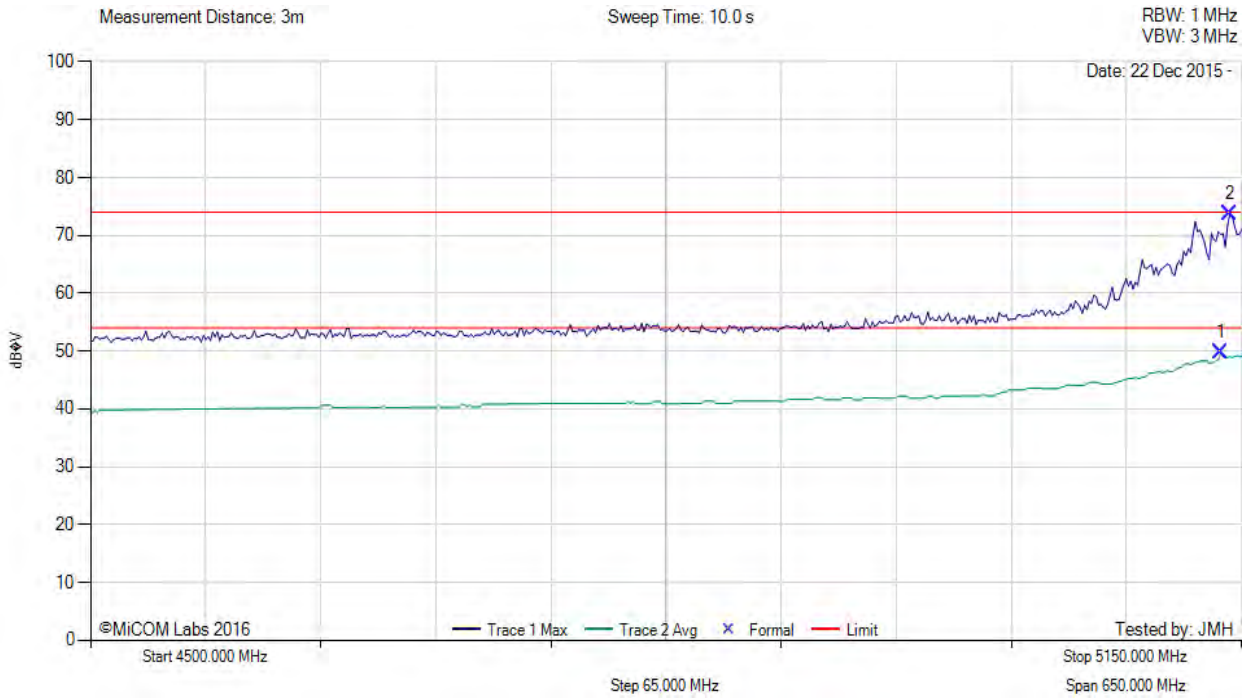
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	15.95	3.67	34.11	53.73	Max Avg	Vertical	167	201	54.0	-0.3	Pass
2	5150.00	35.47	3.67	34.11	73.25	Max Peak	Vertical	167	201	74.0	-0.8	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 16.75



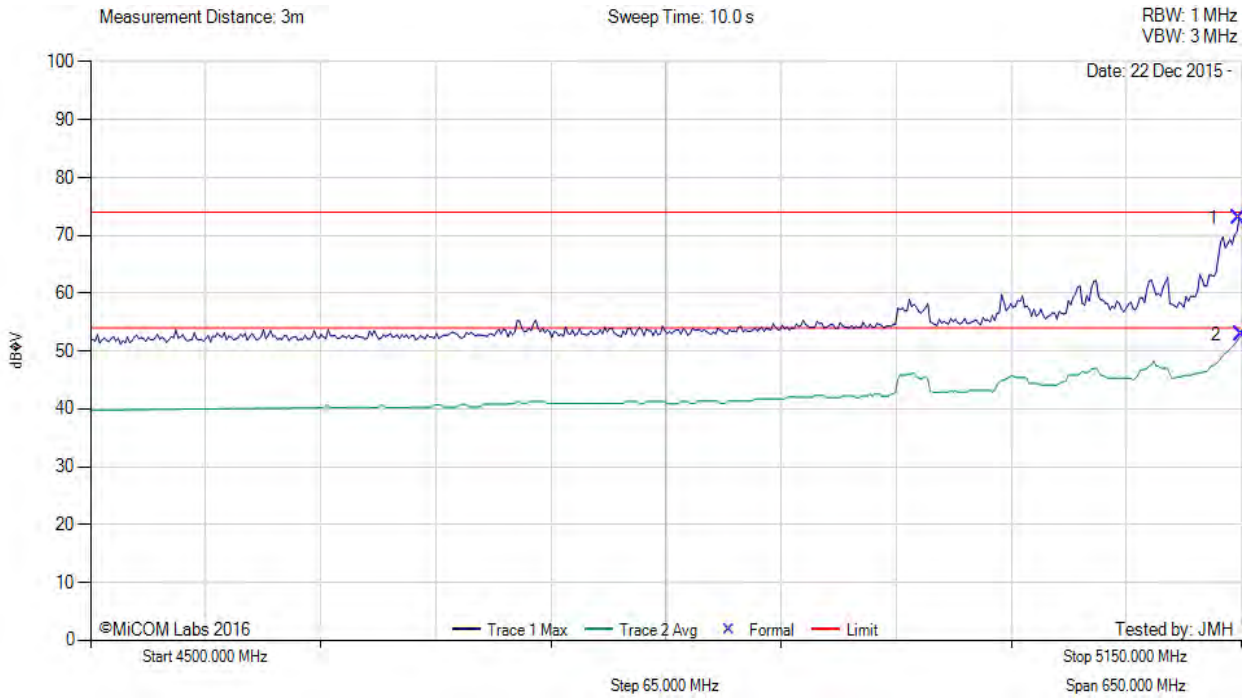
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5138.28	11.85	3.70	34.12	49.67	Max Avg	Vertical	167	201	54.0	-4.3	Pass
2	5143.49	35.91	3.70	34.12	73.73	Max Peak	Vertical	167	201	74.0	-0.3	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 19



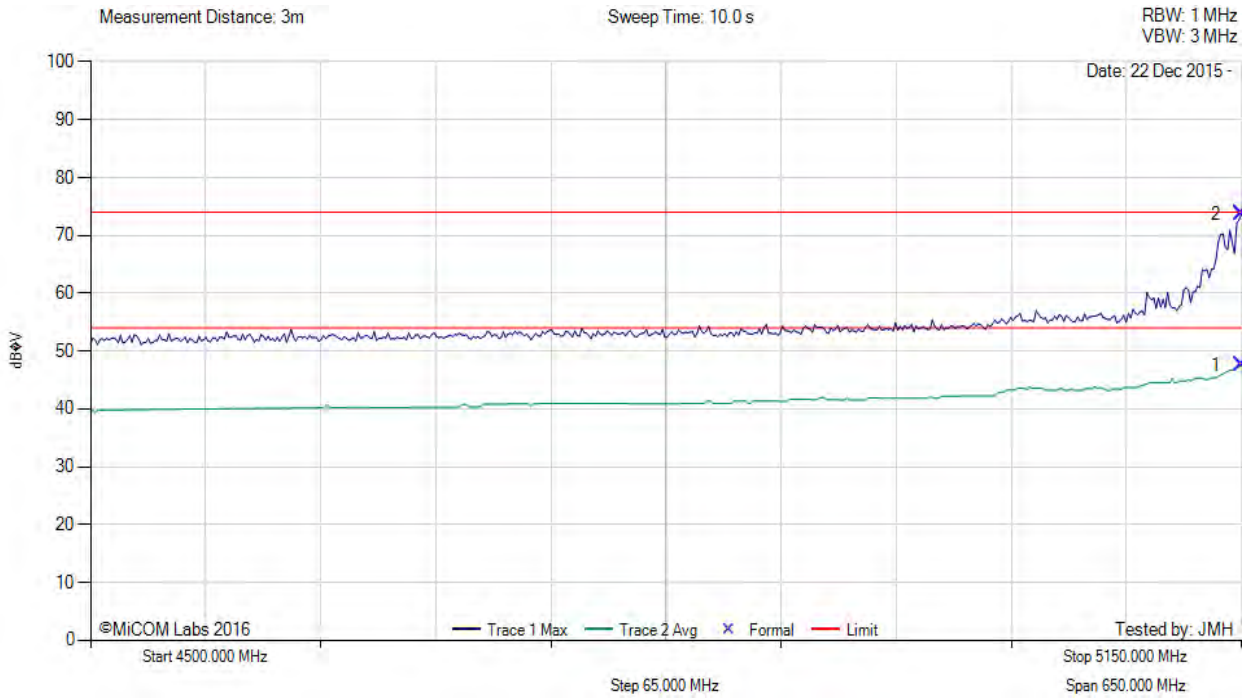
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	35.18	3.67	34.11	72.96	Max Peak	Vertical	167	201	74.0	-1.0	Pass
2	5150.00	15.07	3.67	34.11	52.85	Max Avg	Vertical	167	201	54.0	-1.2	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 15.5



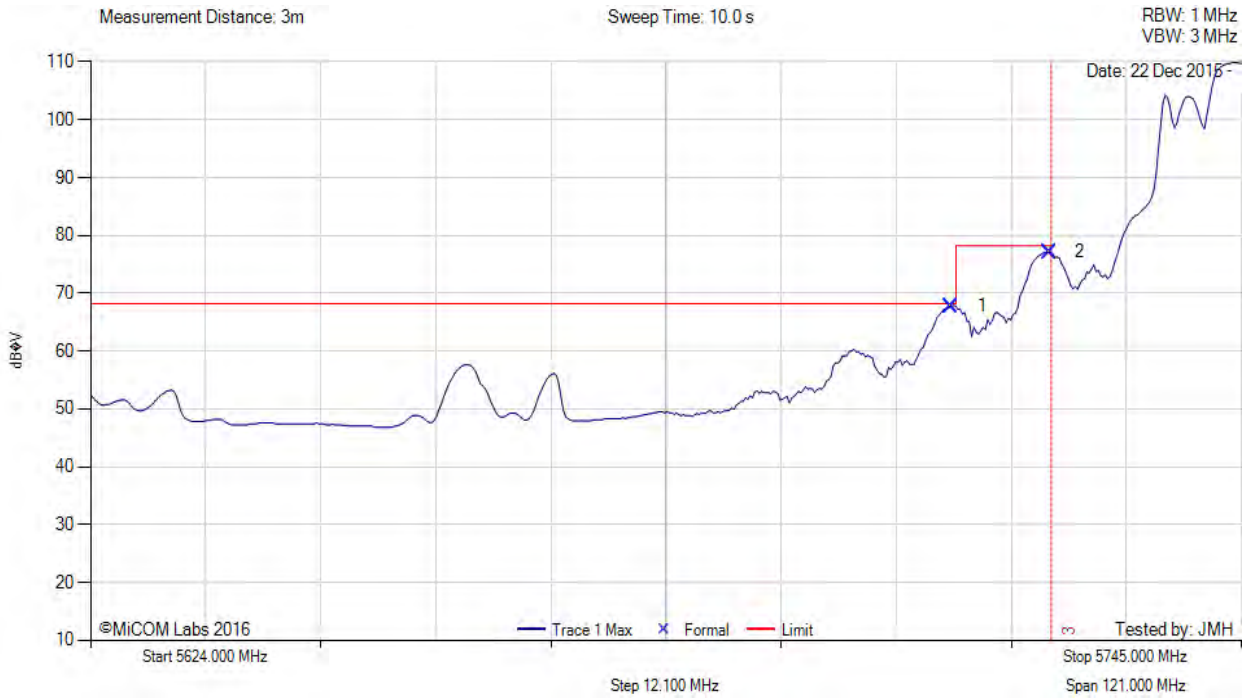
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	9.74	3.67	34.11	47.52	Max Avg	Vertical	167	201	54.0	-6.5	Pass
2	5150.00	35.90	3.67	34.11	73.68	Max Peak	Vertical	167	201	74.0	-0.3	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 20



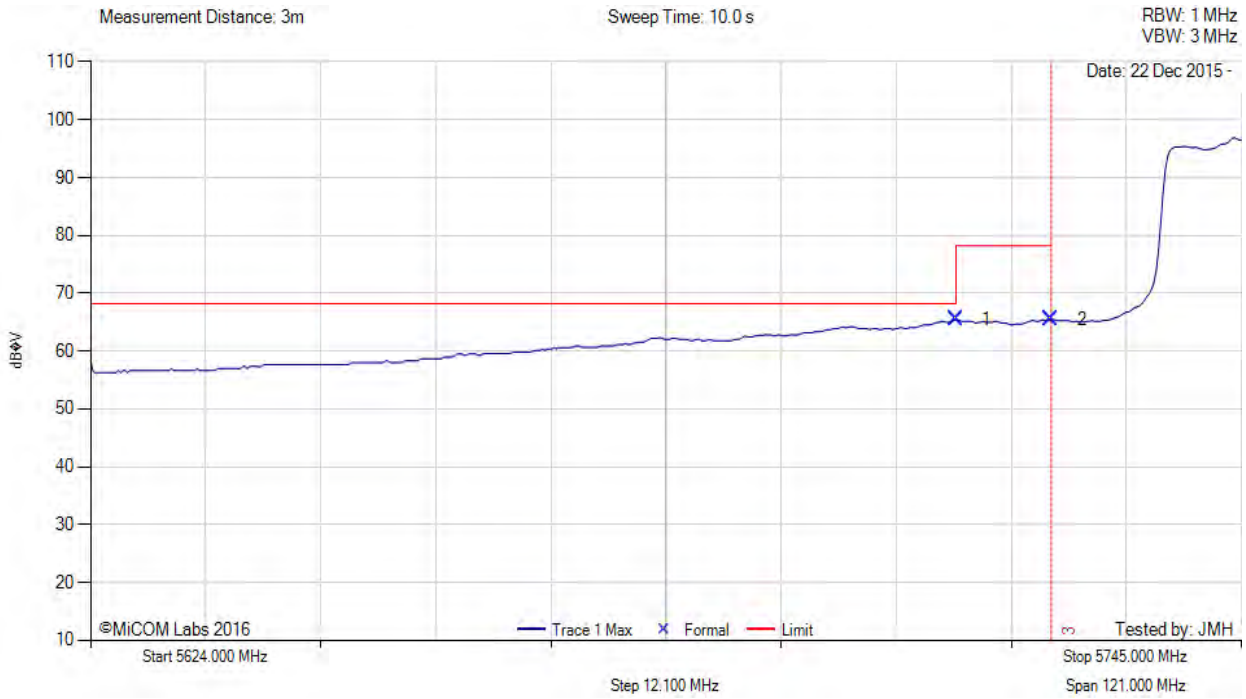
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5714.52	29.60	3.81	34.34	67.75	Marker	Vertical	168	199	68.2	-0.5	Pass
2	5724.76	38.94	3.79	34.35	77.08	Marker	Vertical	168	199	78.2	-1.2	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 20



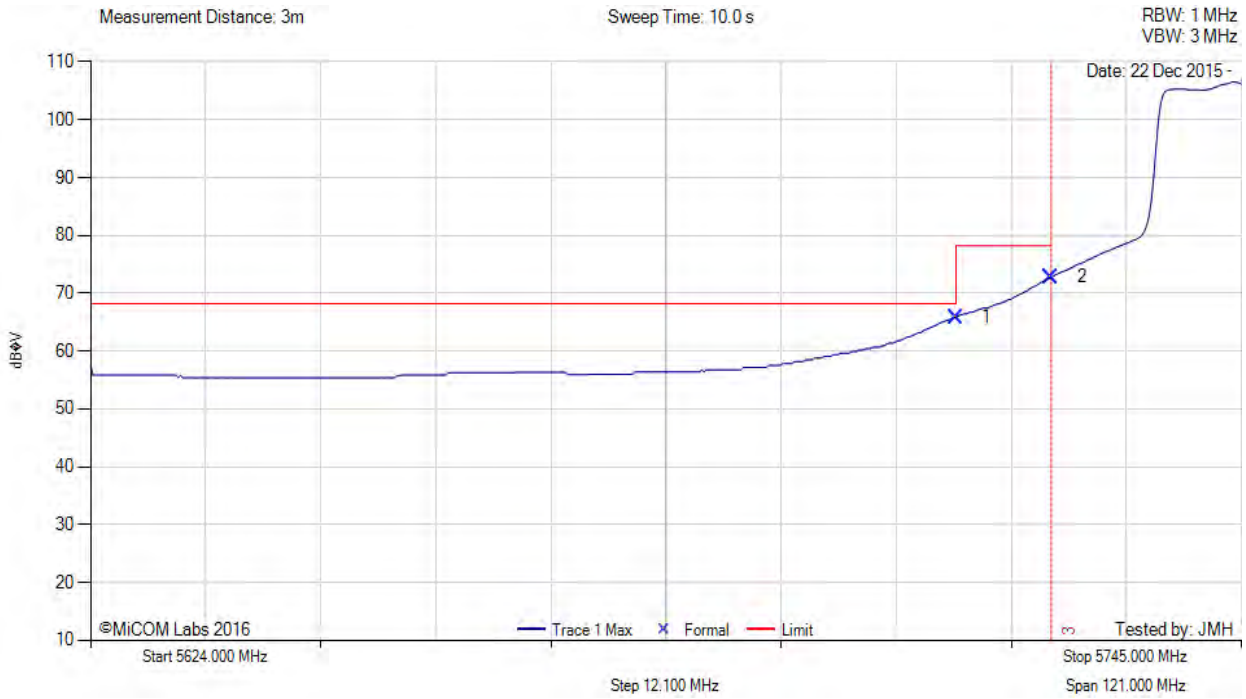
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.27	3.81	34.34	65.42	Marker	Vertical	168	199	68.2	-2.8	Pass
2	5725.00	27.29	3.79	34.35	65.43	Marker	Vertical	168	199	78.2	-12.8	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 21



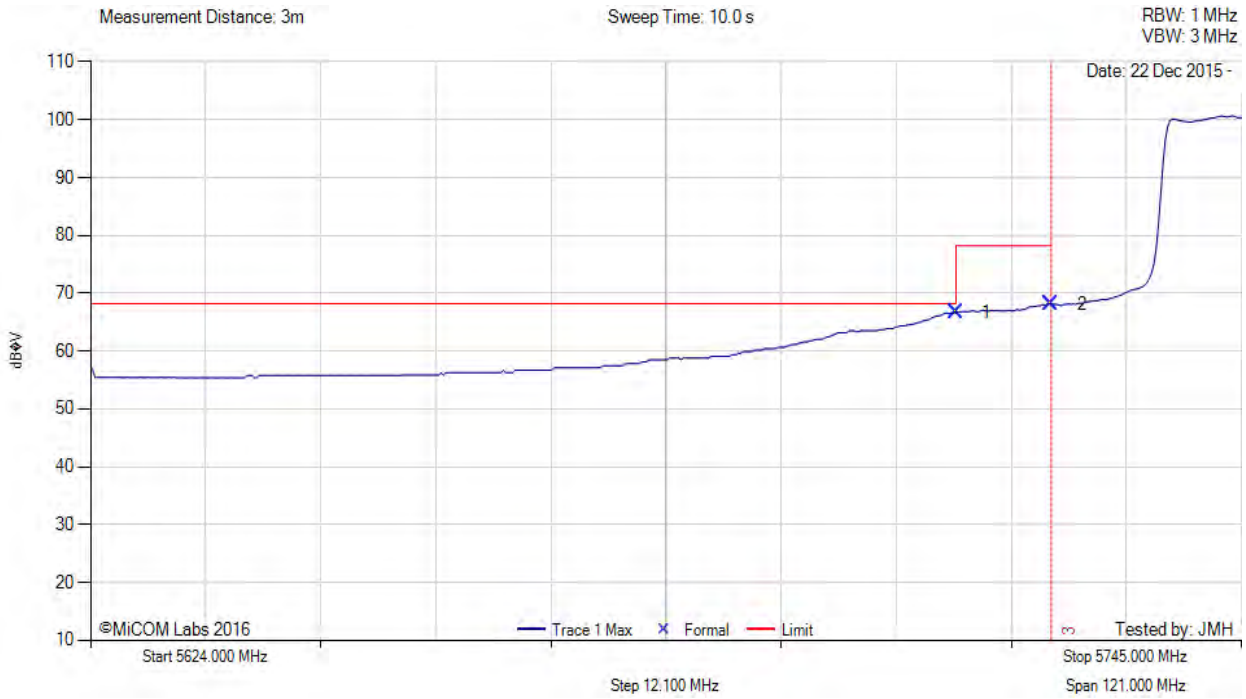
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.68	3.81	34.34	65.83	Marker	Vertical	168	199	68.2	-2.4	Pass
2	5725.00	34.67	3.79	34.35	72.81	Marker	Vertical	168	199	78.2	-5.4	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 20



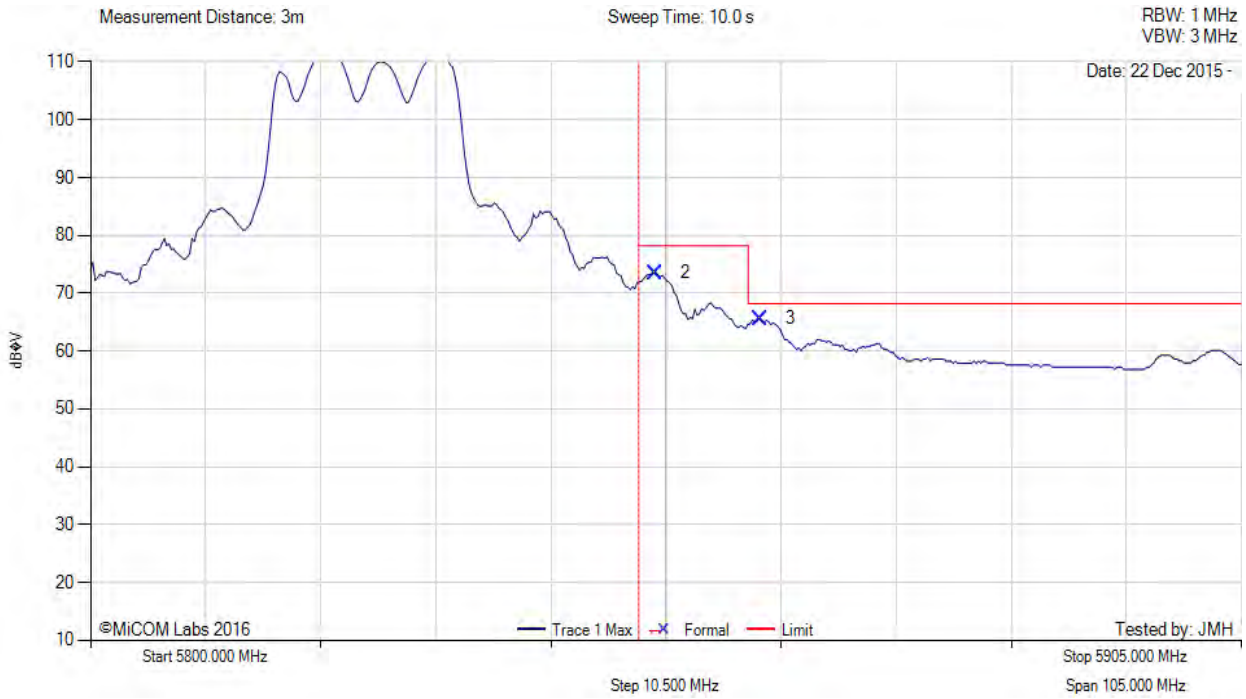
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	28.57	3.81	34.34	66.72	Marker	Vertical	168	199	68.2	-1.5	Pass
2	5725.00	30.03	3.79	34.35	68.17	Marker	Vertical	168	199	78.2	-10.1	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 21



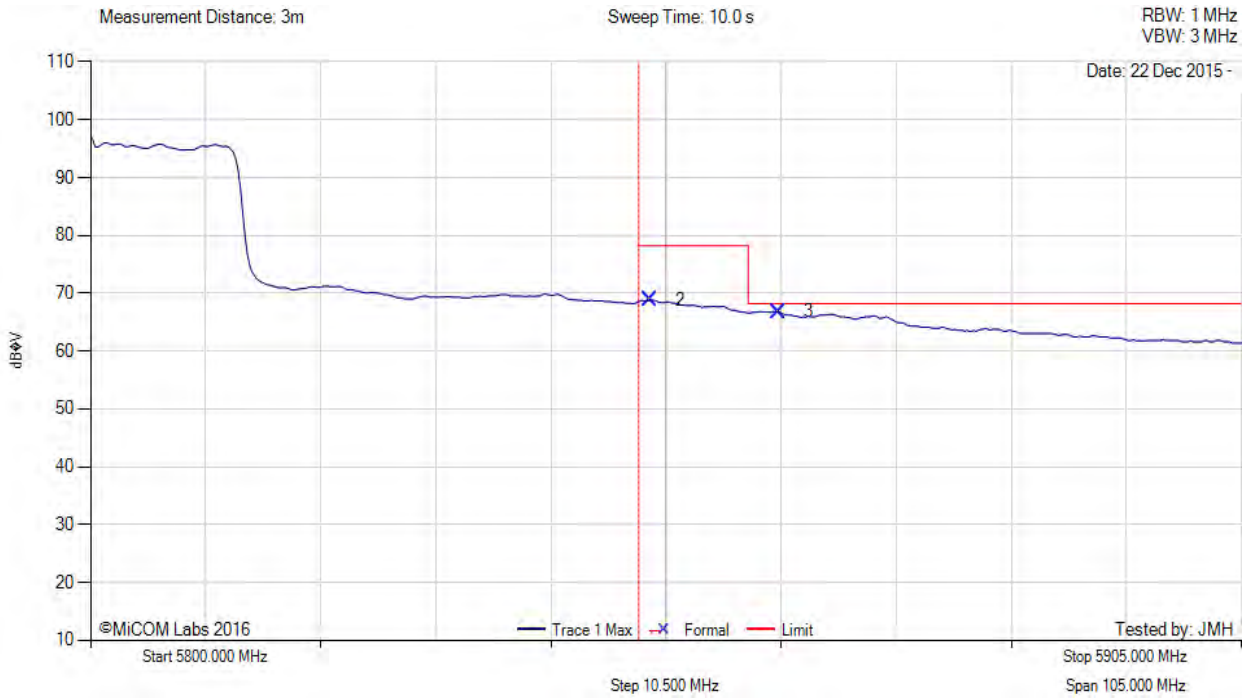
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.47	35.11	3.81	34.63	73.55	Marker	Vertical	168	192	78.2	-4.7	Pass
3	5861.05	27.13	3.86	34.66	65.65	Marker	Vertical	168	192	68.2	-2.6	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 21



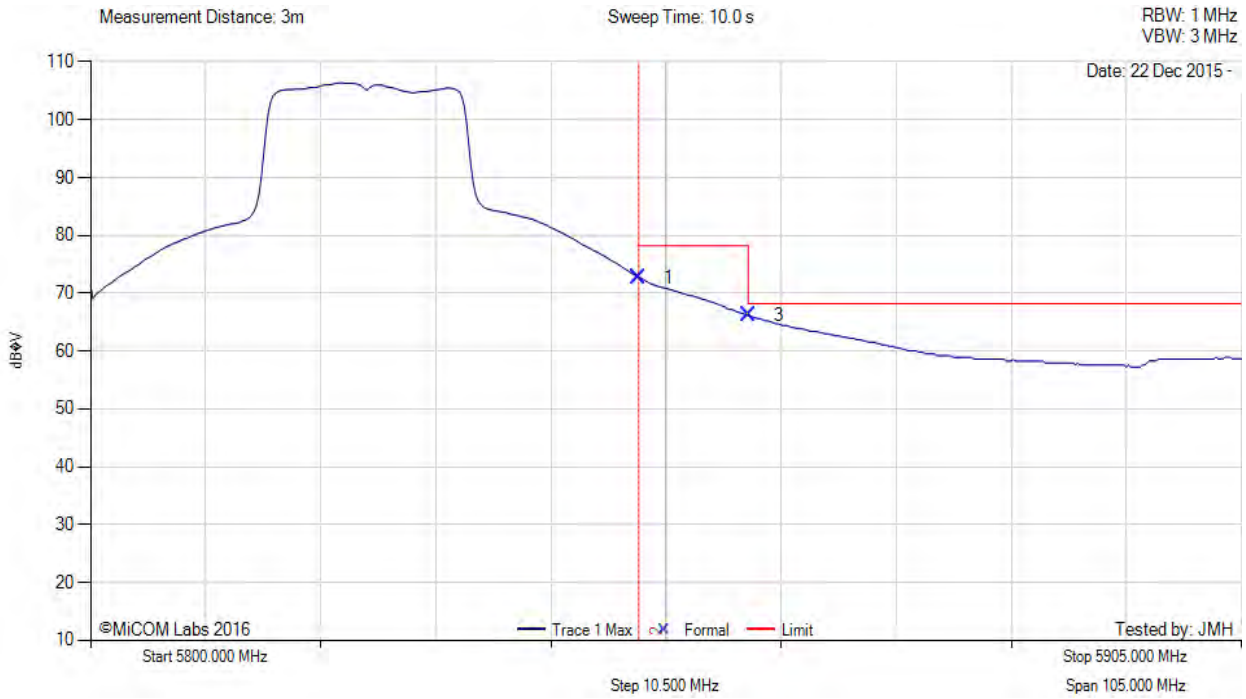
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.05	30.37	3.81	34.63	68.81	Marker	Vertical	168	192	78.2	-9.4	Pass
3	5862.74	28.34	3.85	34.66	66.85	Marker	Vertical	168	192	68.2	-1.4	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22



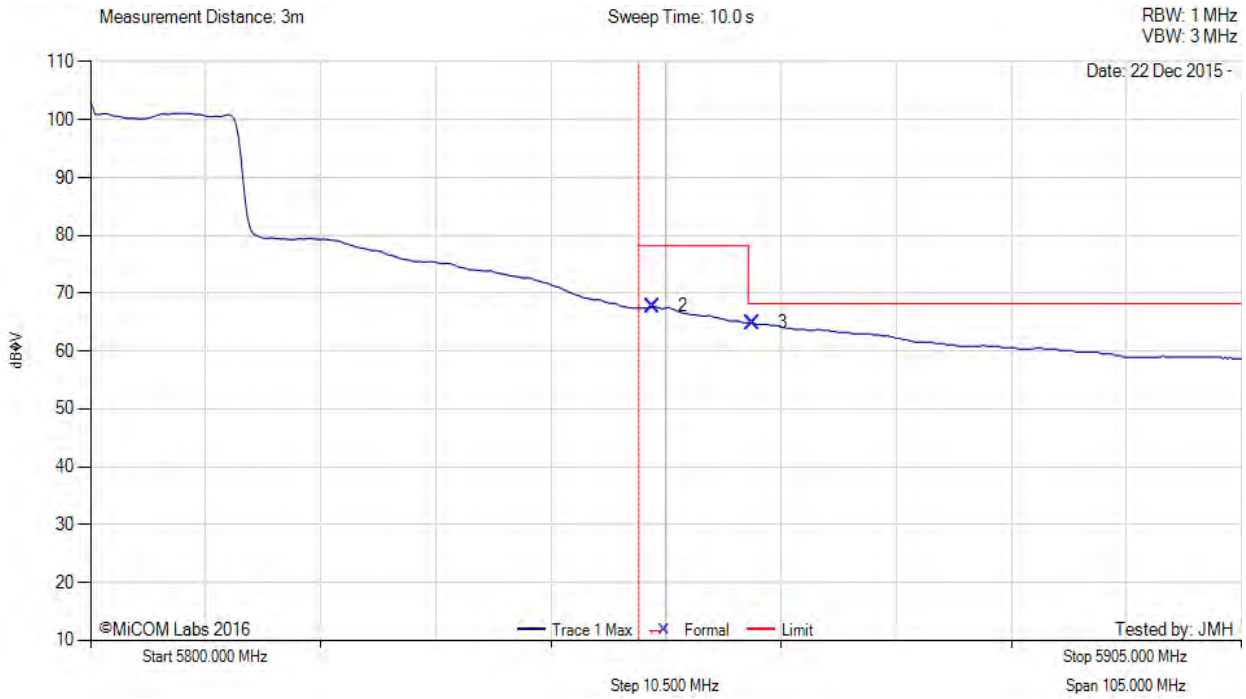
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	34.27	3.81	34.63	72.71	Marker	Vertical	168	192	78.2	-5.5	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	27.69	3.86	34.65	66.20	Marker	Vertical	168	192	68.2	-2.0	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-19, Power Setting: 22

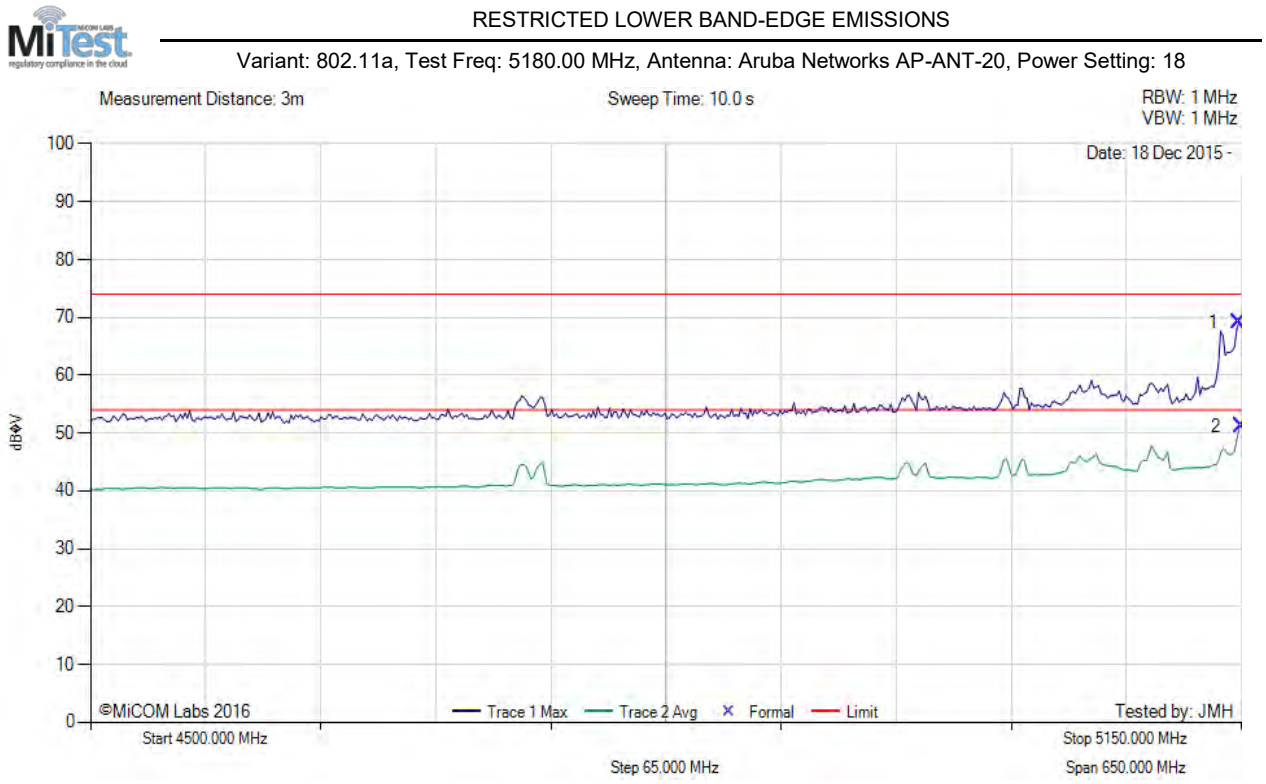


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.26	29.32	3.81	34.63	67.76	Marker	Vertical	168	192	78.2	-10.5	Pass
3	5860.42	26.39	3.86	34.65	64.90	Marker	Vertical	168	192	78.2	-13.3	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

A.4.6 Antenna AP-ANT-20

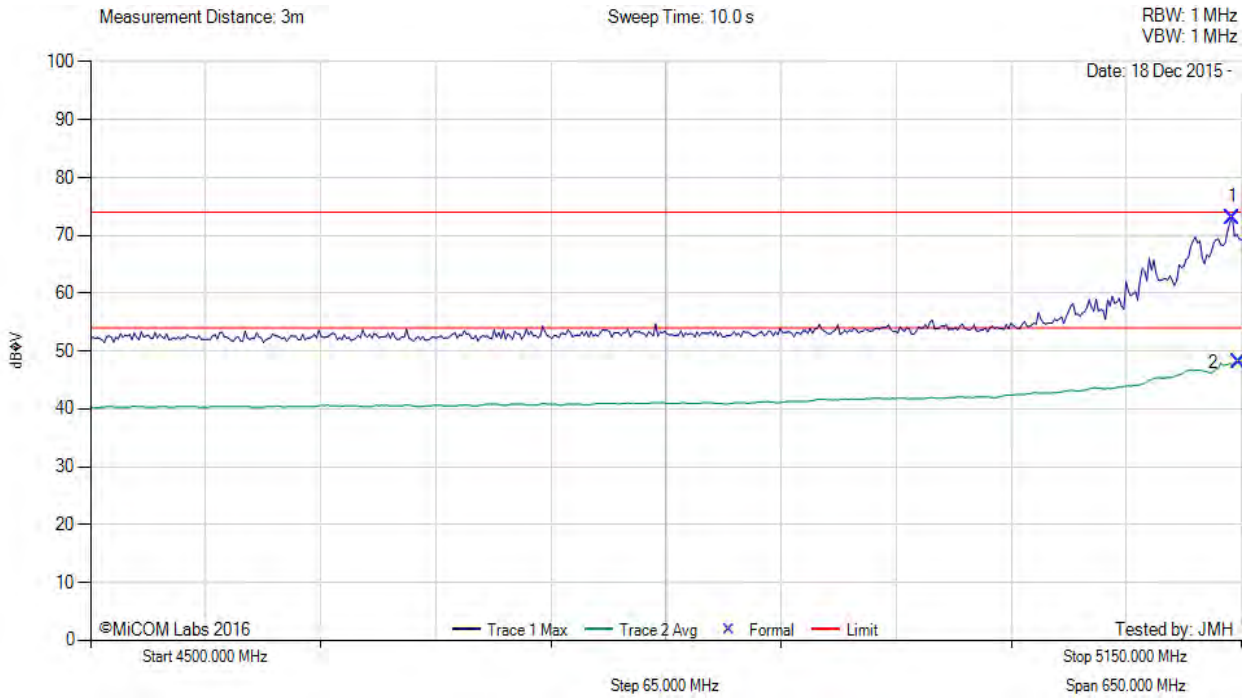


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	31.32	3.67	34.11	69.10	Max Peak	Vertical	180	44	74.0	-4.9	Pass
2	5150.00	13.41	3.67	34.11	51.19	Max Avg	Vertical	180	44	54.0	-2.8	Pass

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 18

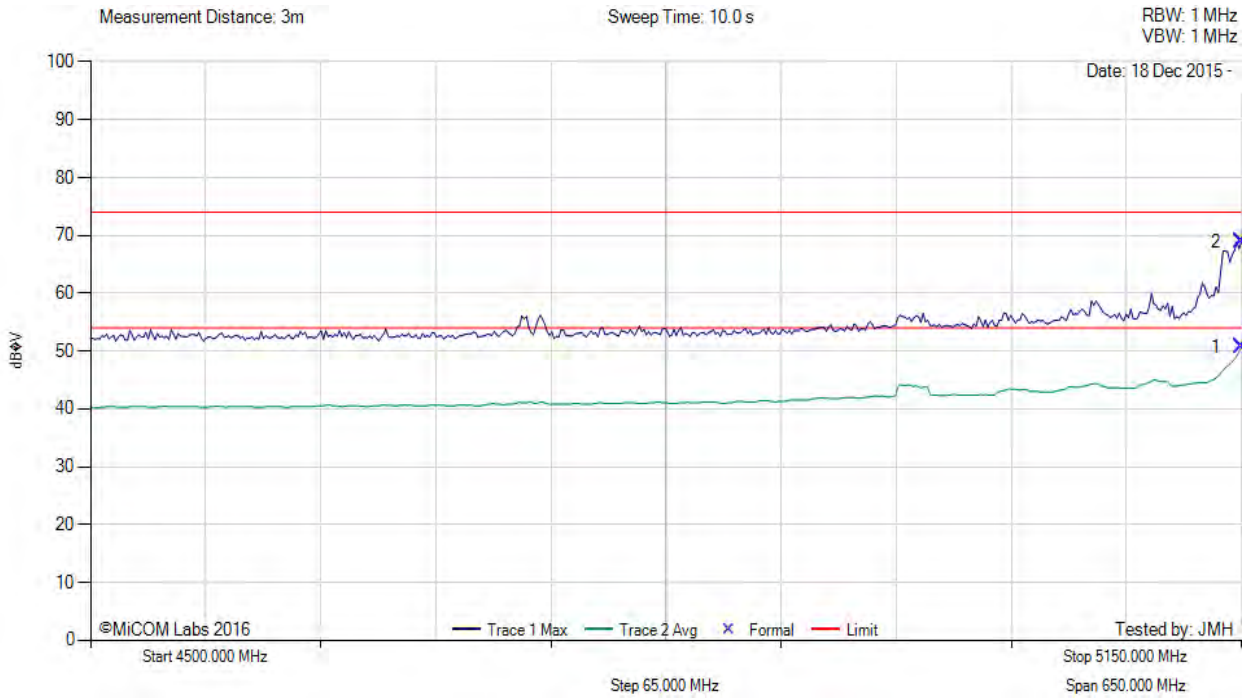


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5144.79	35.30	3.69	34.11	73.10	Max Peak	Vertical	180	44	74.0	-0.9	Pass
2	5148.70	10.34	3.67	34.11	48.12	Max Avg	Vertical	180	44	54.0	-5.9	Pass

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 20

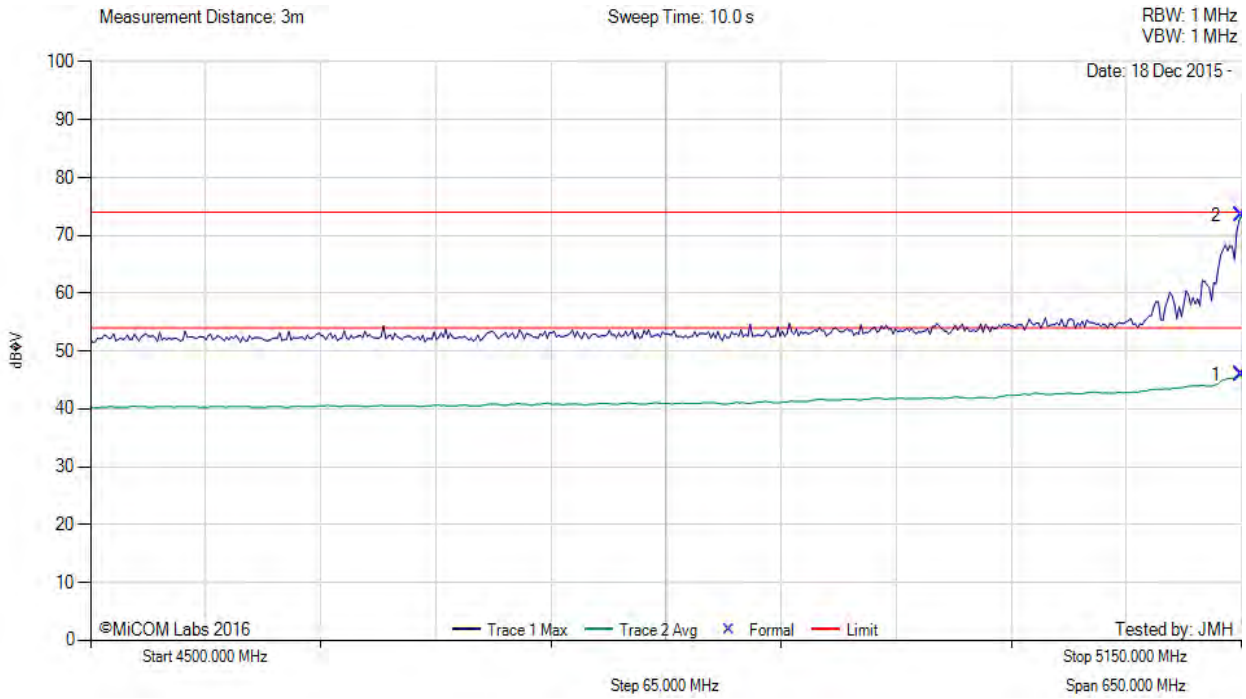


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	12.90	3.67	34.11	50.68	Max Avg	Vertical	180	44	54.0	-3.3	Pass
2	5150.00	31.17	3.67	34.11	68.95	Max Peak	Vertical	180	44	74.0	-5.1	Pass

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 17

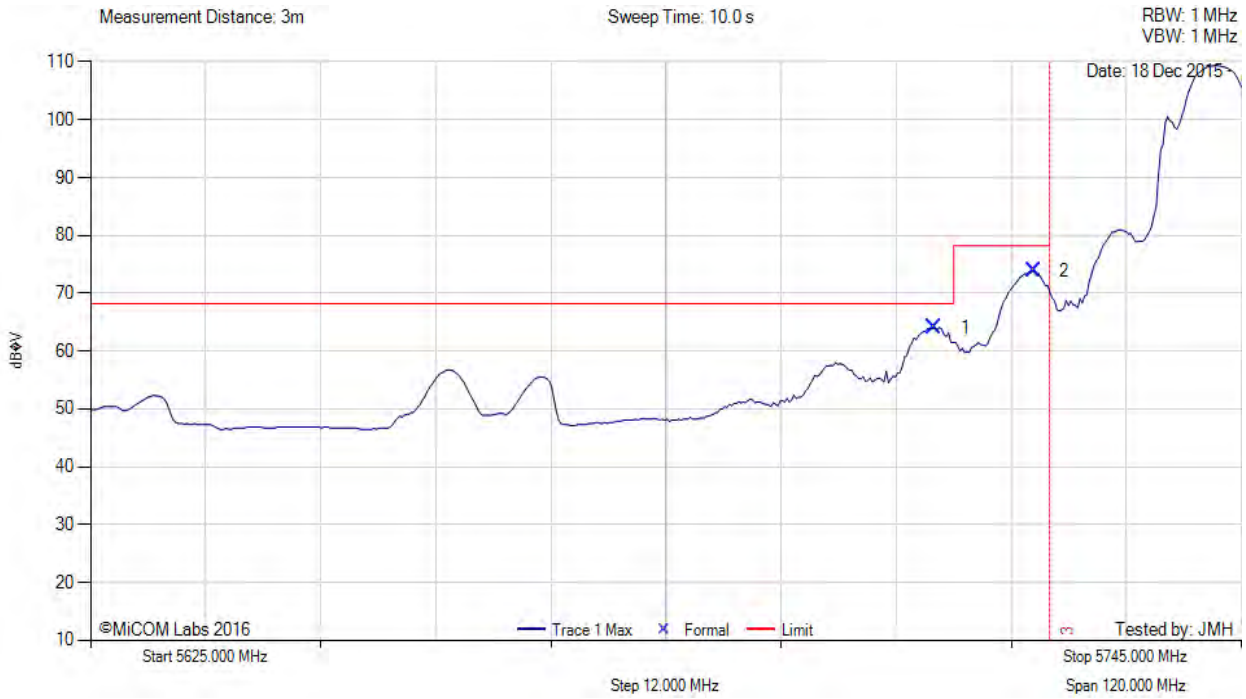


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	8.19	3.67	34.11	45.97	Max Avg	Vertical	180	44	54.0	-8.0	Pass
2	5150.00	35.72	3.67	34.11	73.50	Max Peak	Vertical	180	44	74.0	-0.5	Pass

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 20

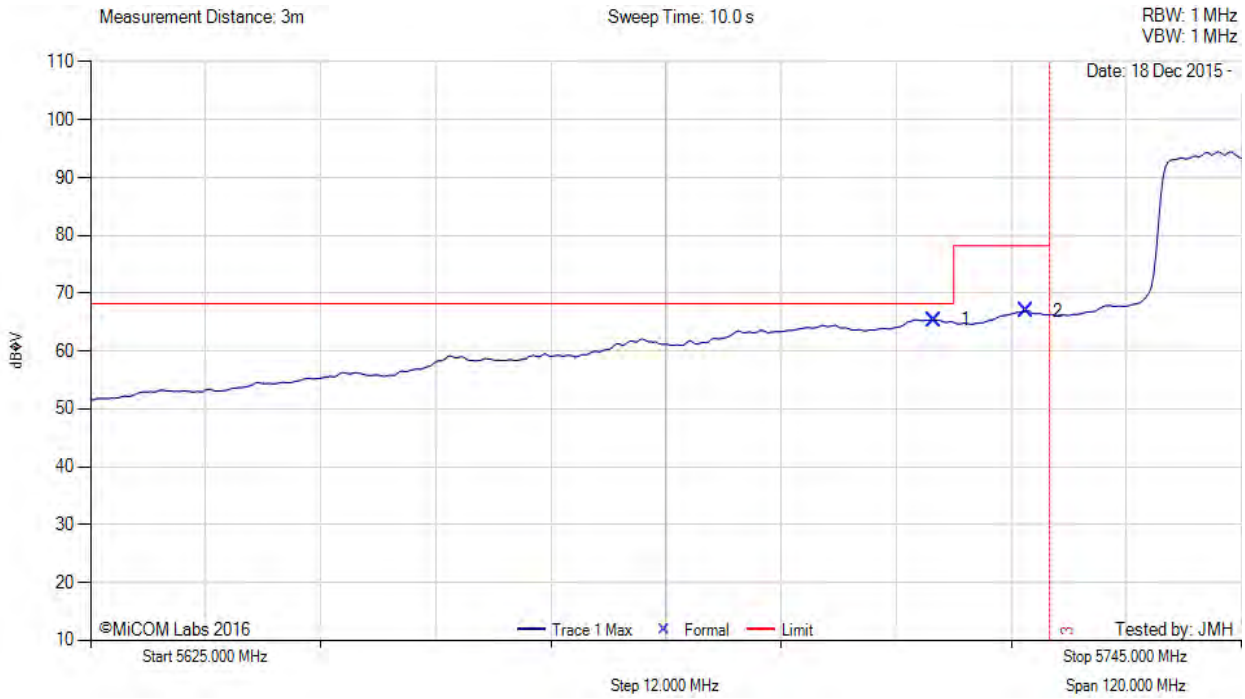


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5713.02	25.85	3.82	34.34	64.01	Marker	Vertical	145	1	68.2	-4.2	Pass
2	5723.32	35.77	3.80	34.35	73.92	Marker	Vertical	145	1	78.2	-4.3	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21

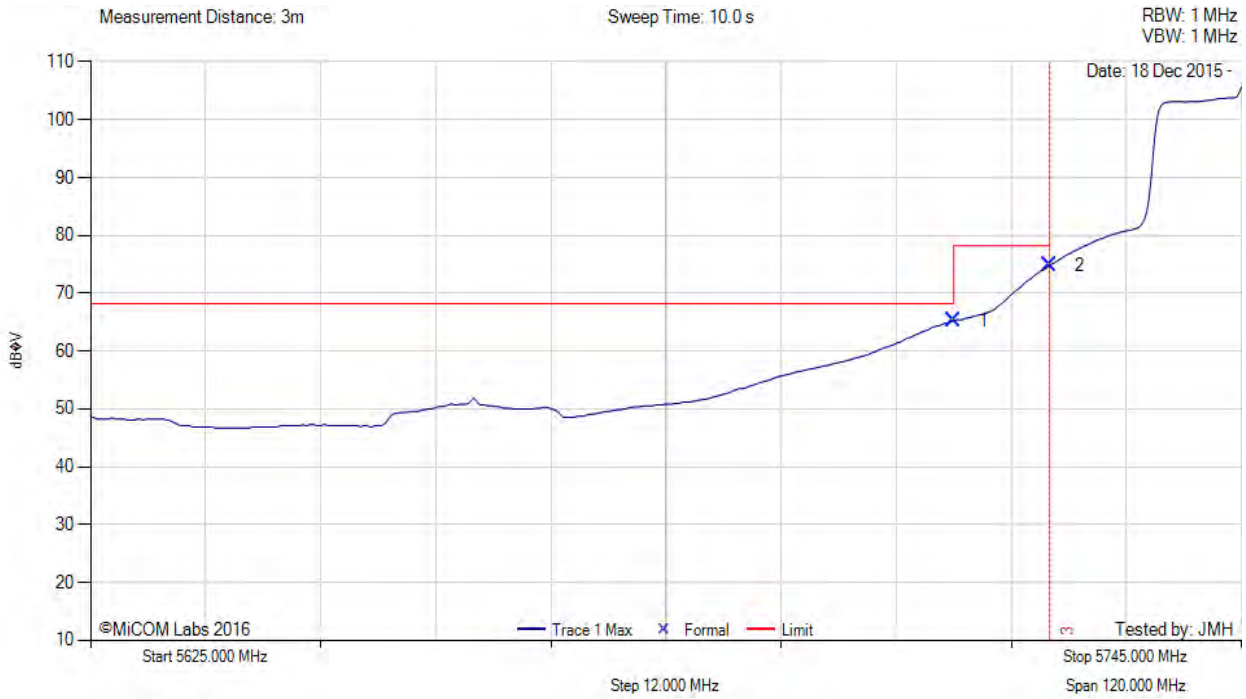


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5713.02	27.25	3.82	34.34	65.41	Marker	Vertical	145	1	68.2	-2.8	Pass
2	5722.60	28.75	3.80	34.35	66.90	Marker	Vertical	145	1	78.2	-11.3	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22

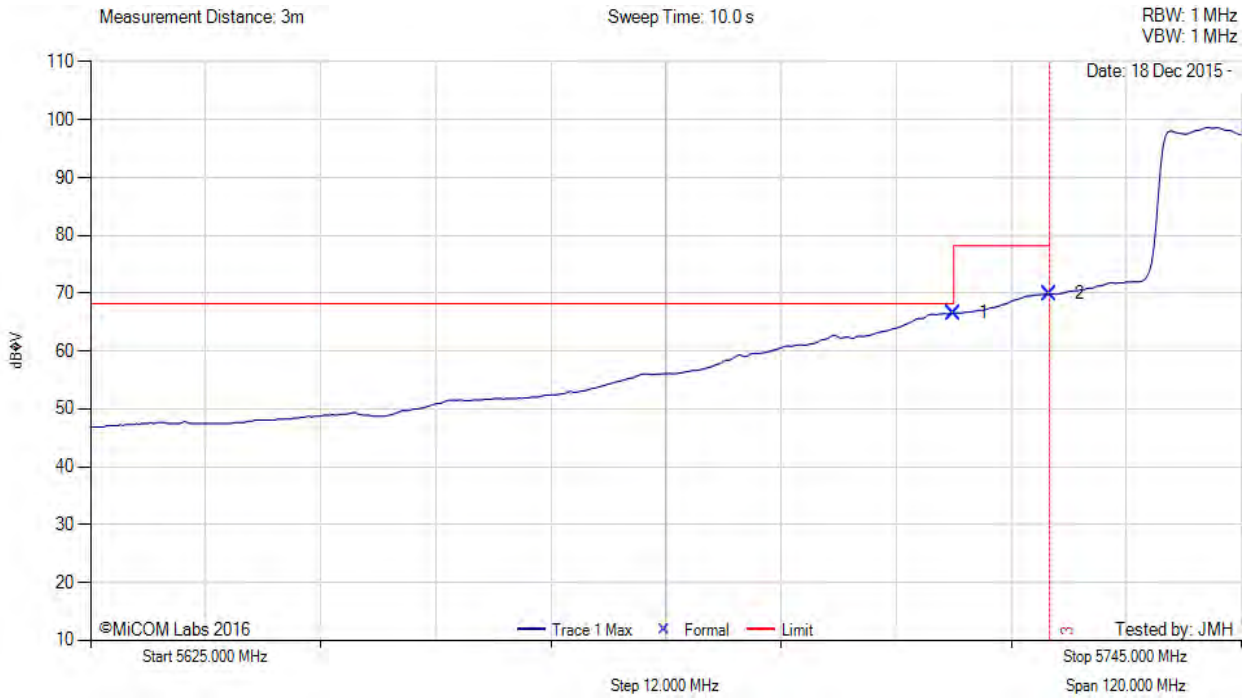


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.09	3.81	34.34	65.24	Marker	Vertical	145	1	68.2	-3.0	Pass
2	5725.00	36.71	3.79	34.35	74.85	Marker	Vertical	145	1	78.2	-3.4	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21

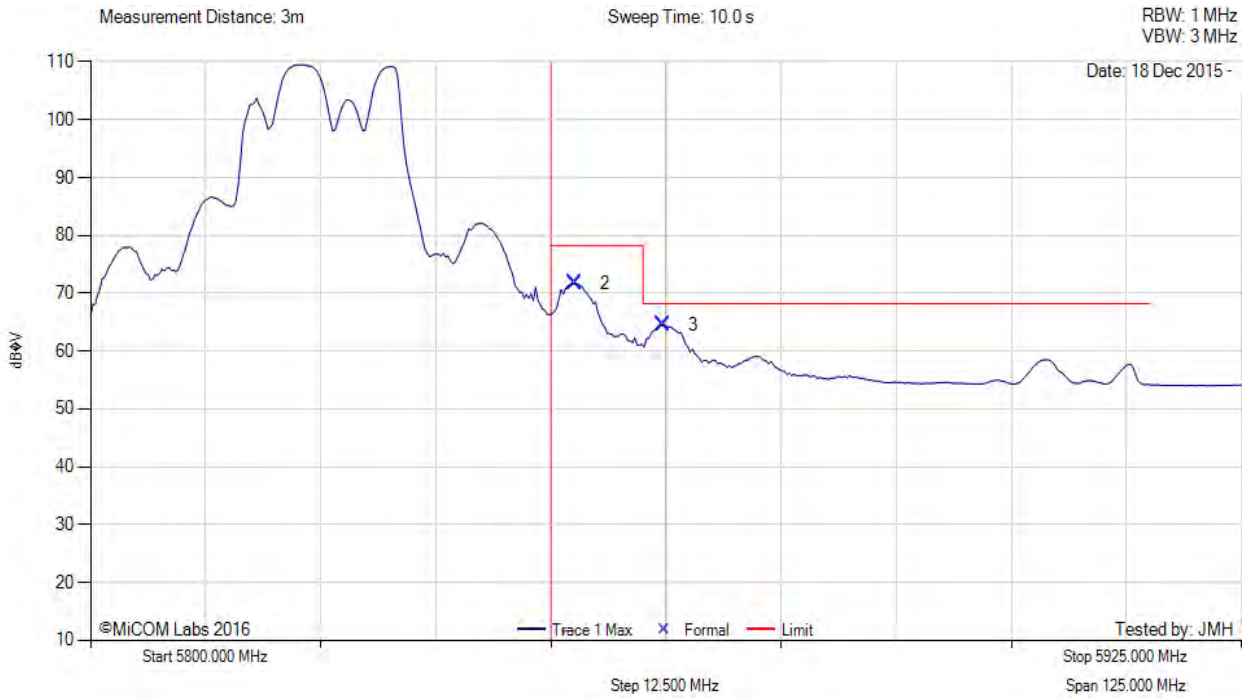


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	28.39	3.81	34.34	66.54	Marker	Vertical	145	1	68.2	-1.7	Pass
2	5725.00	31.78	3.79	34.35	69.92	Marker	Vertical	145	1	78.2	-8.3	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21

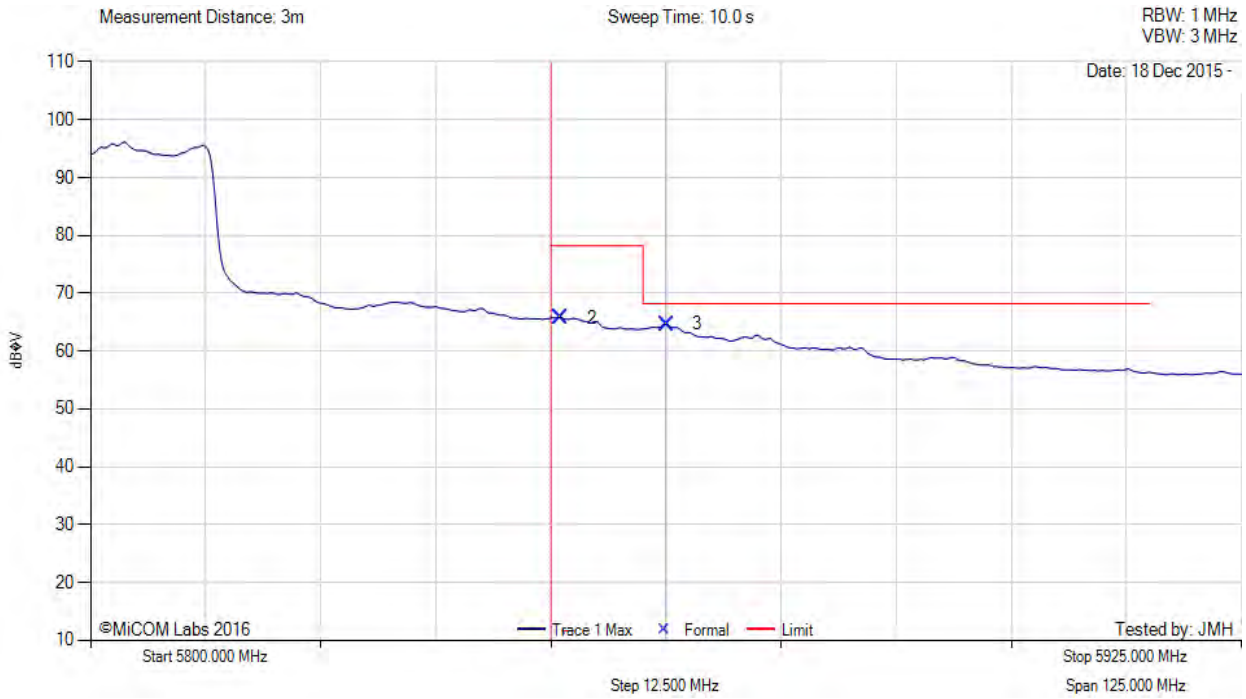


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5852.61	33.28	3.82	34.63	71.73	Marker	Vertical	150	-2	78.2	-6.5	Pass
3	5862.12	25.98	3.85	34.66	64.49	Marker	Vertical	150	-2	68.2	-3.7	Pass

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21

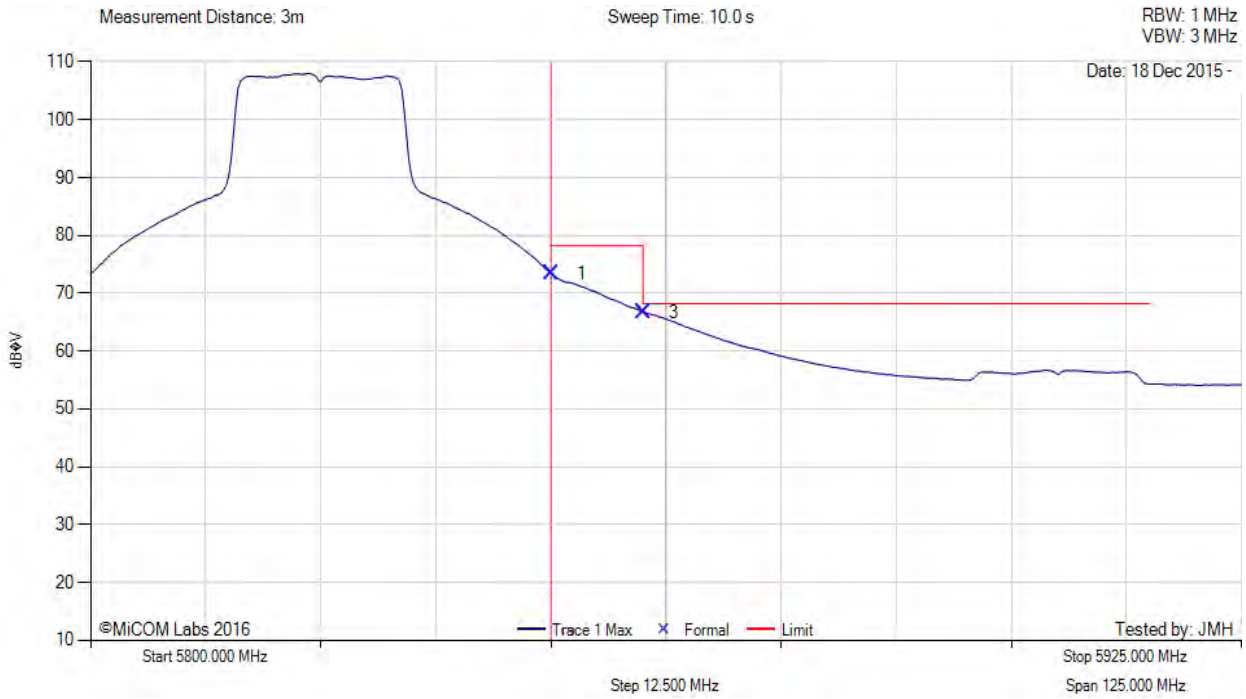


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.10	27.34	3.81	34.63	65.78	Marker	Vertical	150	-2	78.2	-12.5	Pass
3	5862.63	26.17	3.85	34.66	64.68	Marker	Vertical	150	-2	68.2	-3.6	Pass

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22

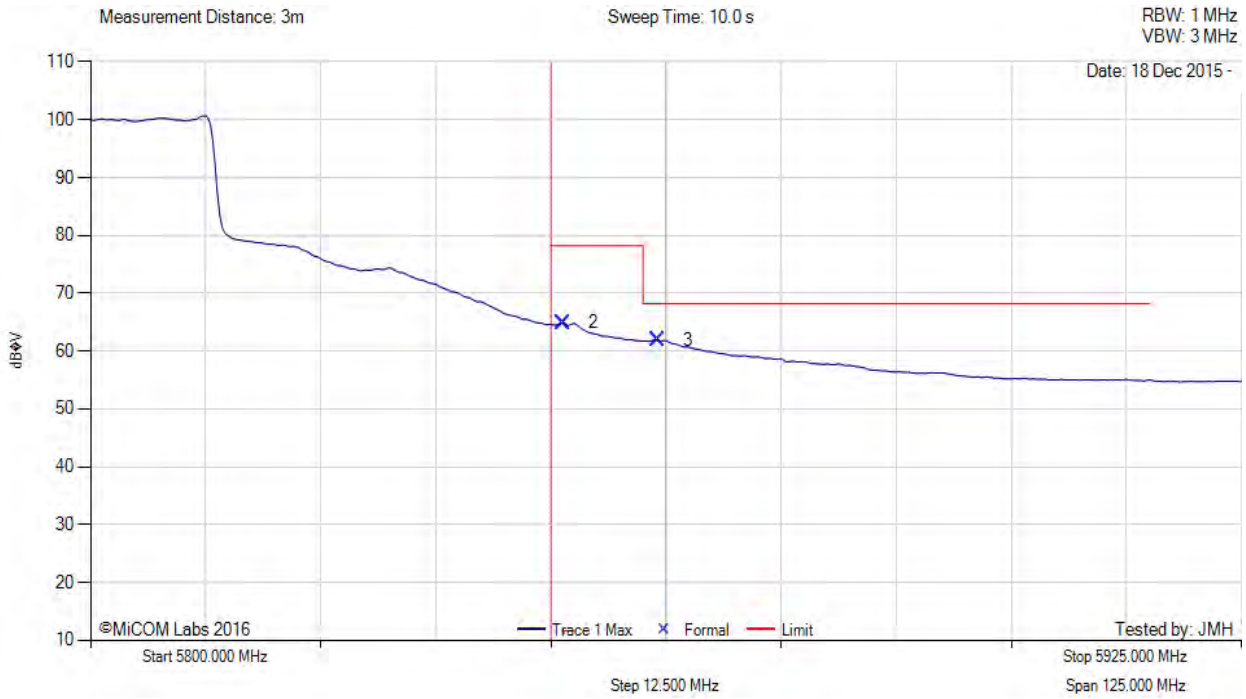


Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	34.92	3.81	34.63	73.36	Marker	Vertical	150	-2	78.2	-4.9	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	28.25	3.86	34.65	66.76	Marker	Vertical	150	-2	68.2	-1.5	Pass

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

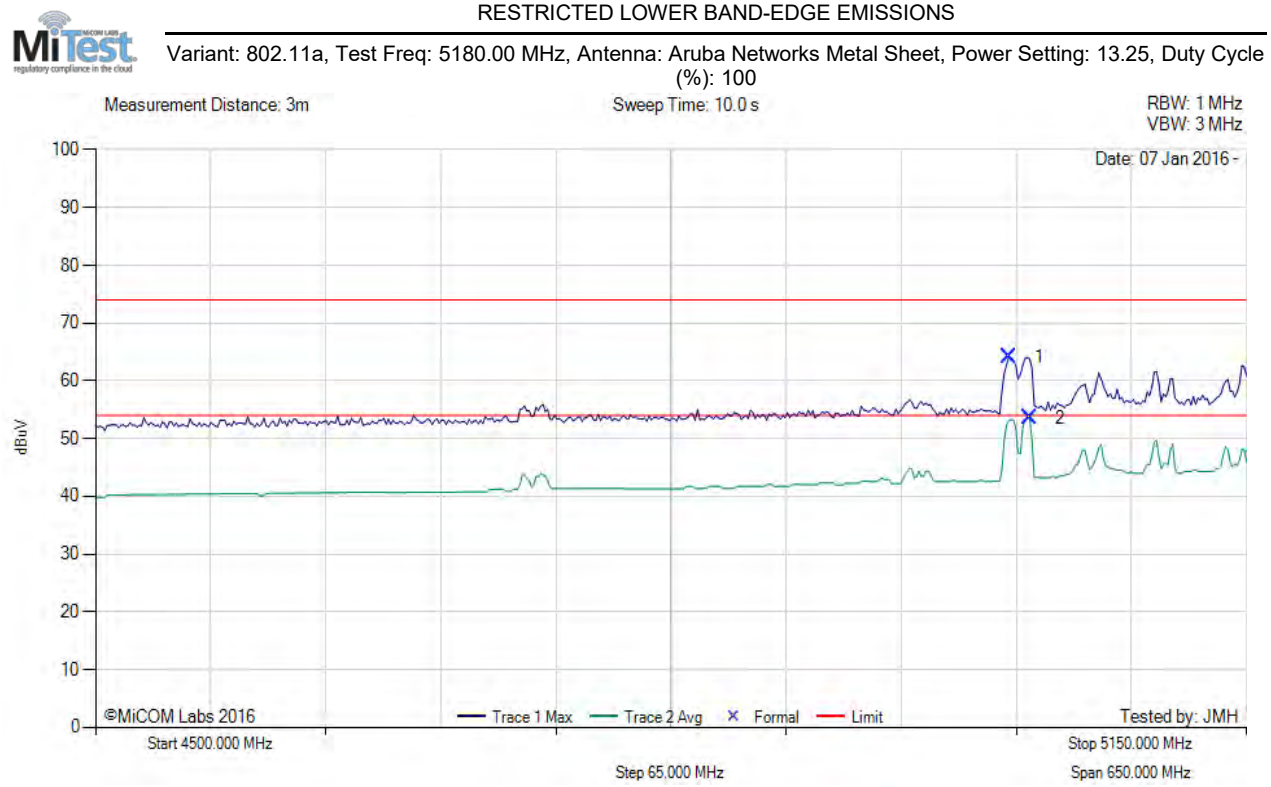
Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
2	5851.35	26.43	3.81	34.63	64.87	Marker	Vertical	150	-2	78.2	-13.4	Pass
3	5861.62	23.32	3.85	34.66	61.83	Marker	Vertical	150	-2	68.2	-6.4	Pass

back to matrix

A.4.7 Integral (APIN0215) Antenna



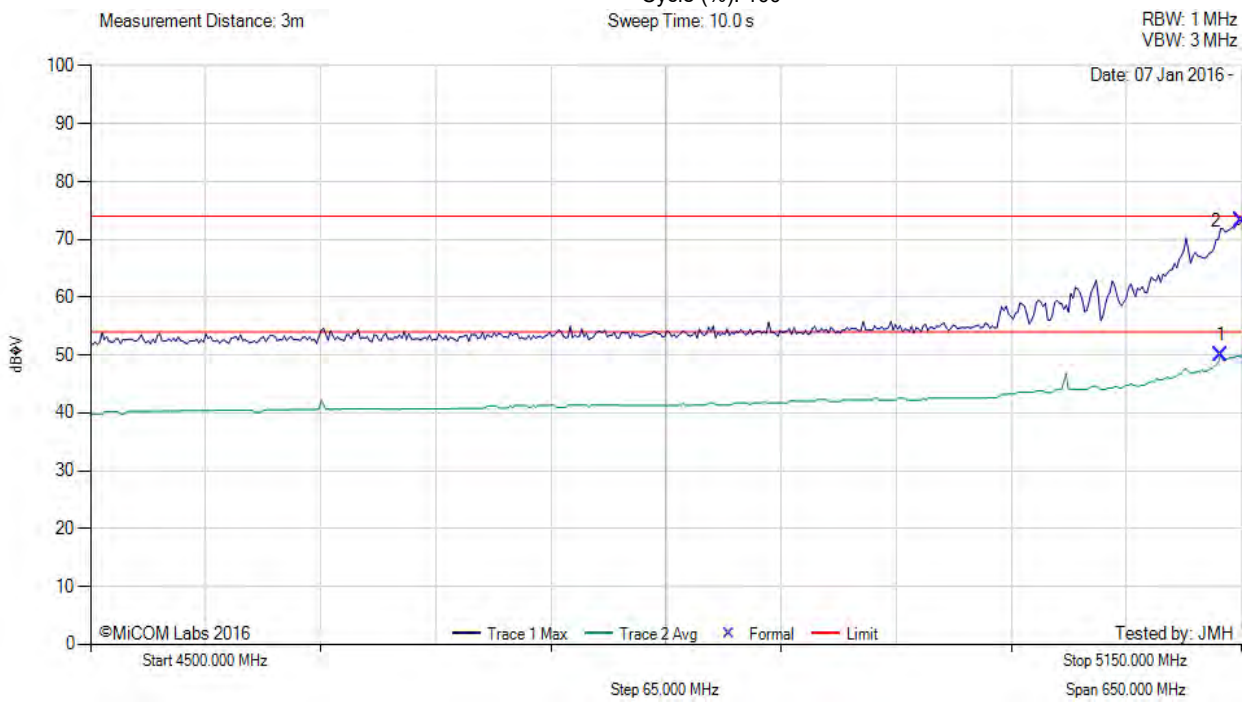
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5015.83	26.28	3.65	34.21	64.14	Max Peak	Horizontal	190	67	74.0	-9.9	Pass
2	5027.56	15.69	3.70	34.21	53.60	Max Avg	Horizontal	190	67	54.0	-0.4	Pass

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 15.75, Duty Cycle (%): 100



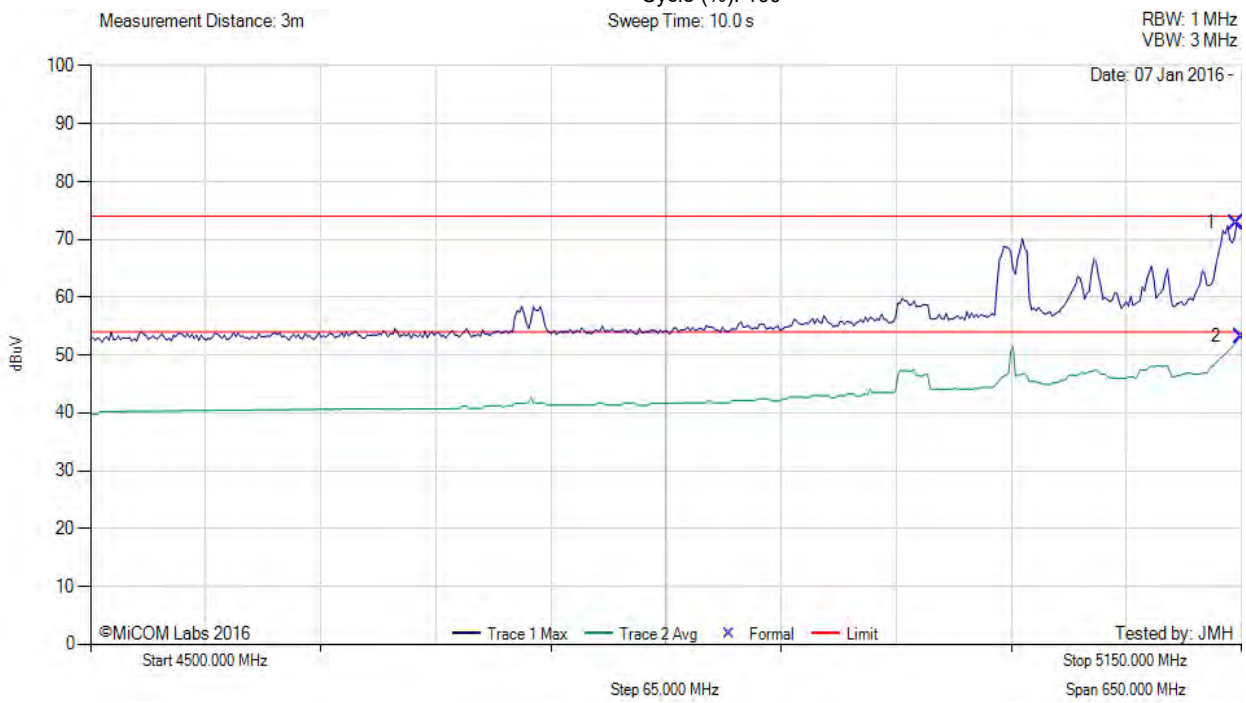
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5138.28	12.14	3.70	34.12	49.96	Max Avg	Horizontal	190	67	54.0	-4.0	Pass
2	5150.00	35.41	3.67	34.11	73.19	Max Peak	Horizontal	190	67	74.0	-0.8	Pass

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 20, Duty Cycle (%): 100



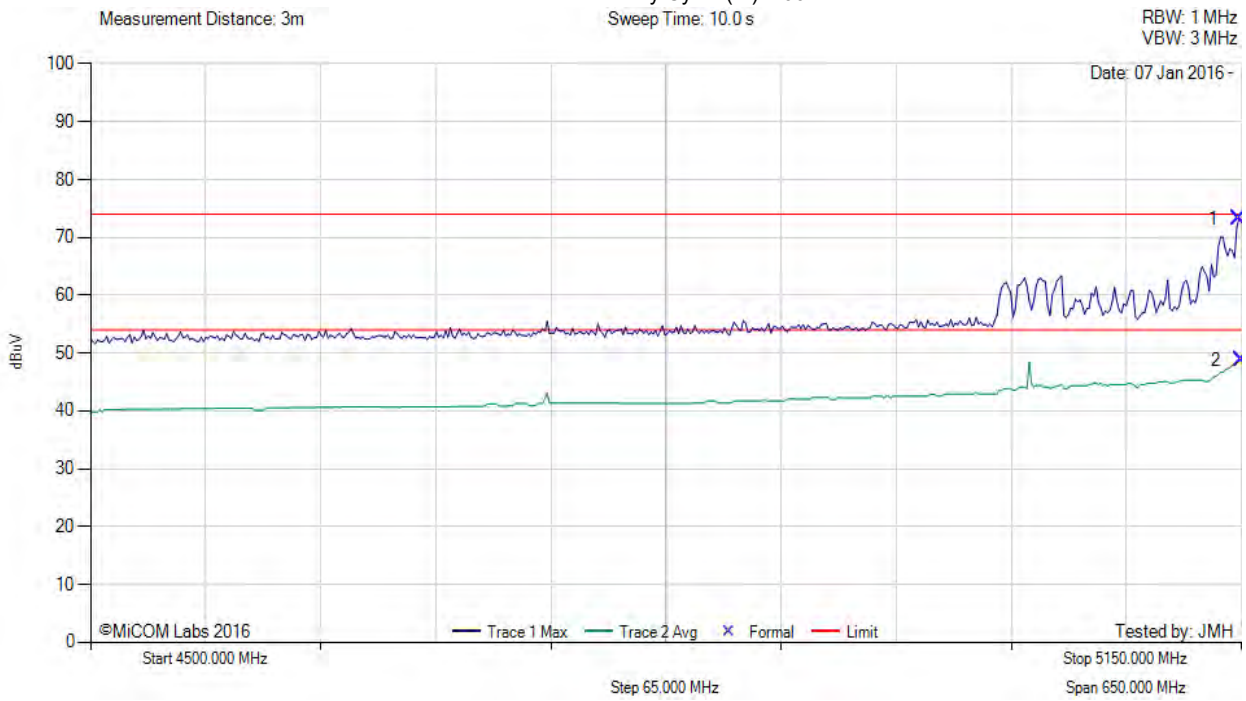
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5147.39	35.08	3.68	34.11	72.87	Max Peak	Horizontal	190	67	74.0	-1.1	Pass
2	5150.00	15.47	3.67	34.11	53.25	Max Avg	Horizontal	190	67	54.0	-0.8	Pass

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 15.75, Duty Cycle (%): 100



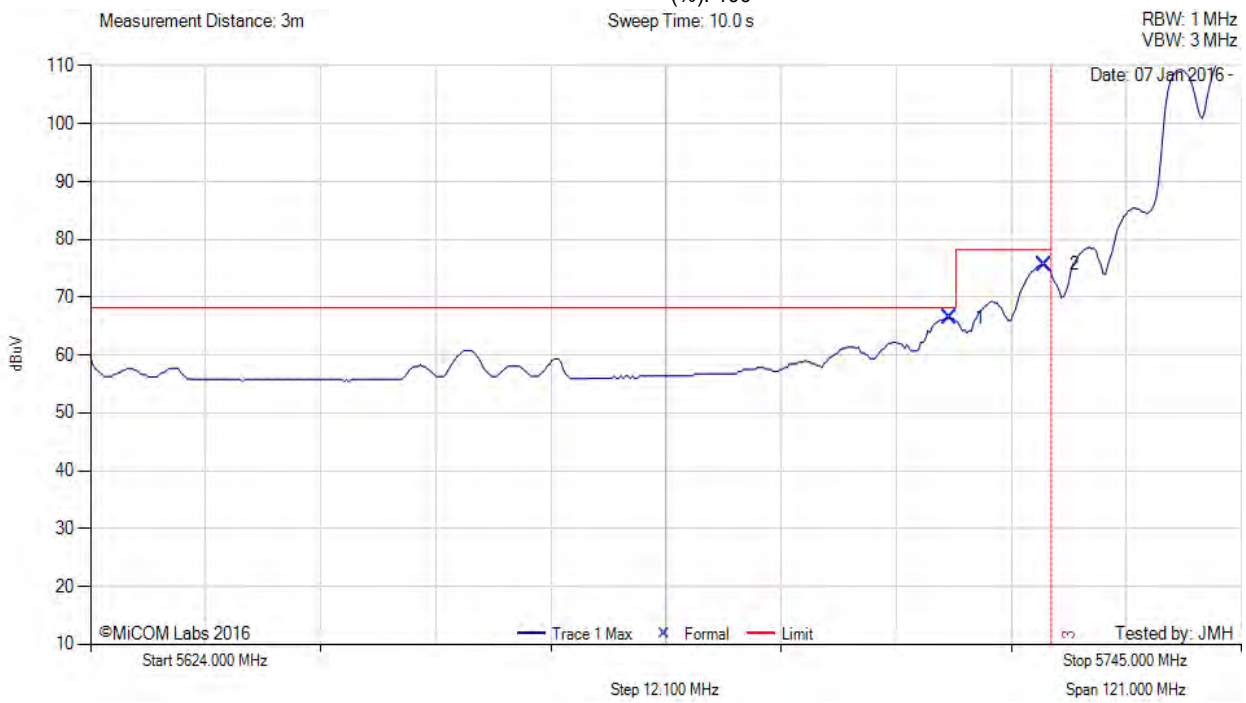
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5148.70	35.47	3.67	34.11	73.25	Max Peak	Horizontal	190	67	74.0	-0.8	Pass
2	5150.00	10.97	3.67	34.11	48.75	Max Avg	Horizontal	190	67	54.0	-5.3	Pass

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 21, Duty Cycle (%): 100



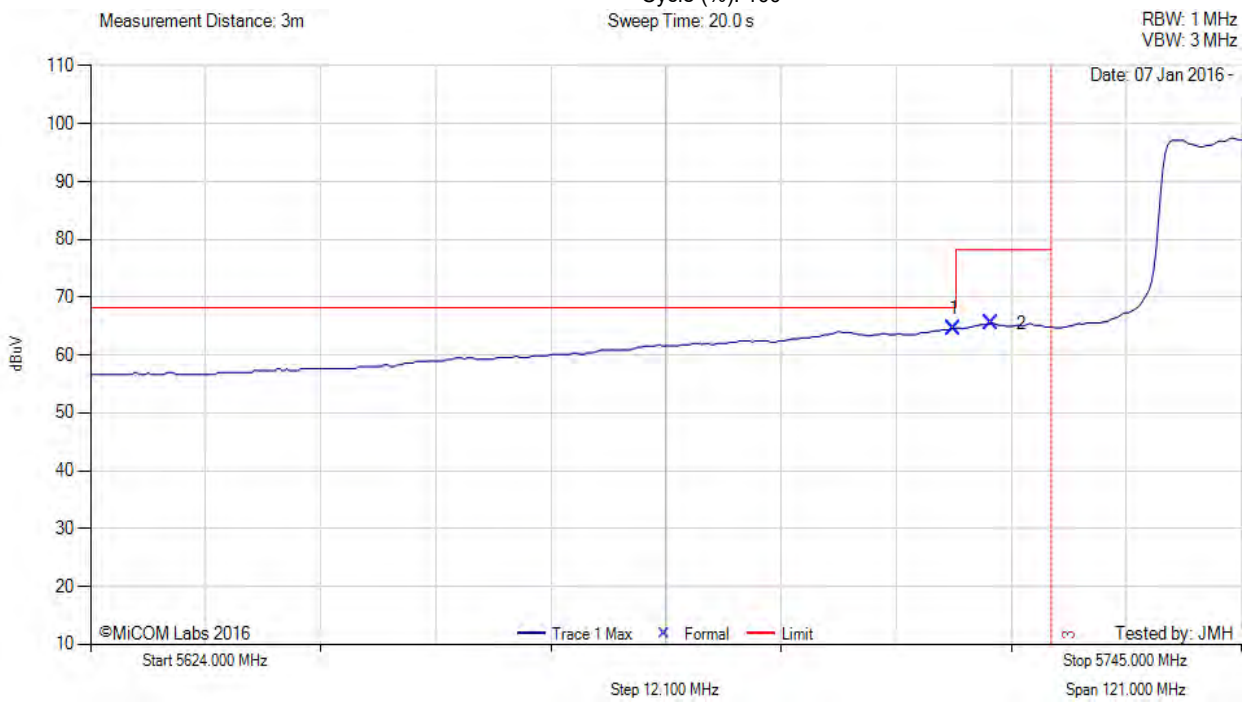
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5714.27	28.31	3.82	34.34	66.47	Marker	Horizontal	195	327	68.2	-1.8	Pass
2	5724.27	37.51	3.79	34.35	75.65	Marker	Horizontal	195	327	78.2	-2.6	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 20, Duty Cycle (%): 100



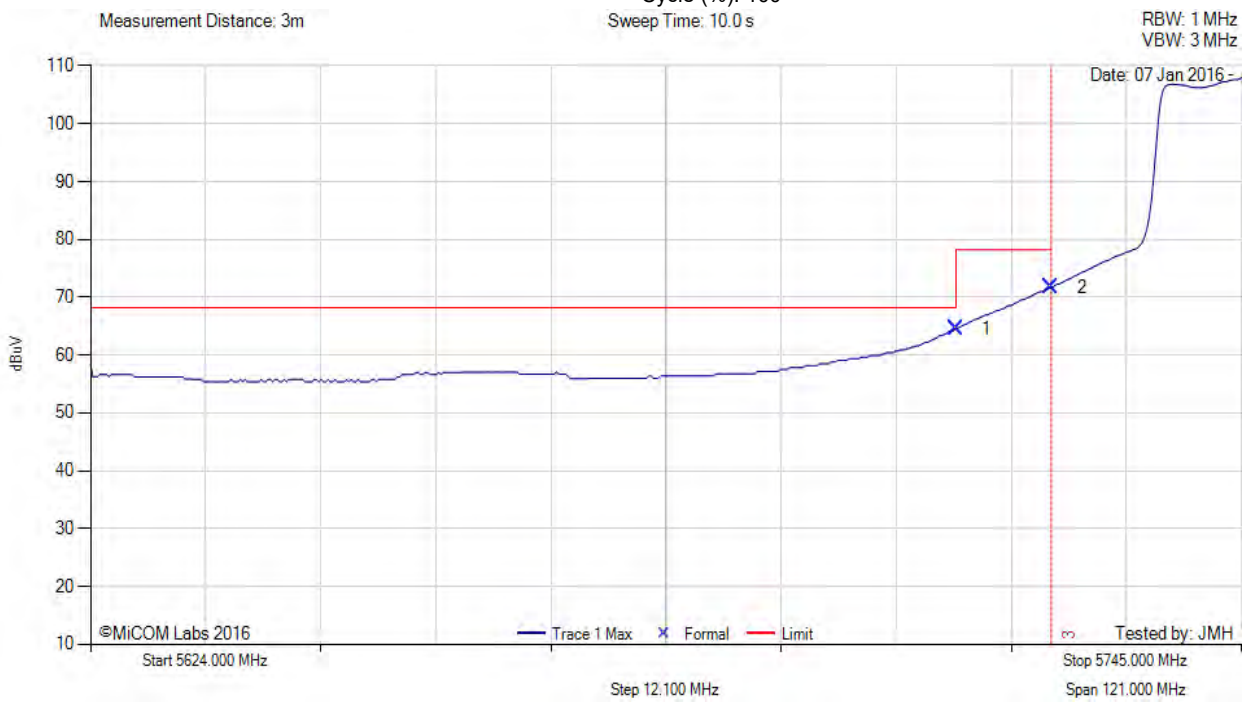
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5714.76	26.38	3.81	34.34	64.53	Marker	Horizontal	195	327	68.2	-3.7	Pass
2	5718.70	27.42	3.80	34.34	65.56	Marker	Horizontal	195	327	78.2	-12.7	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22, Duty Cycle (%): 100



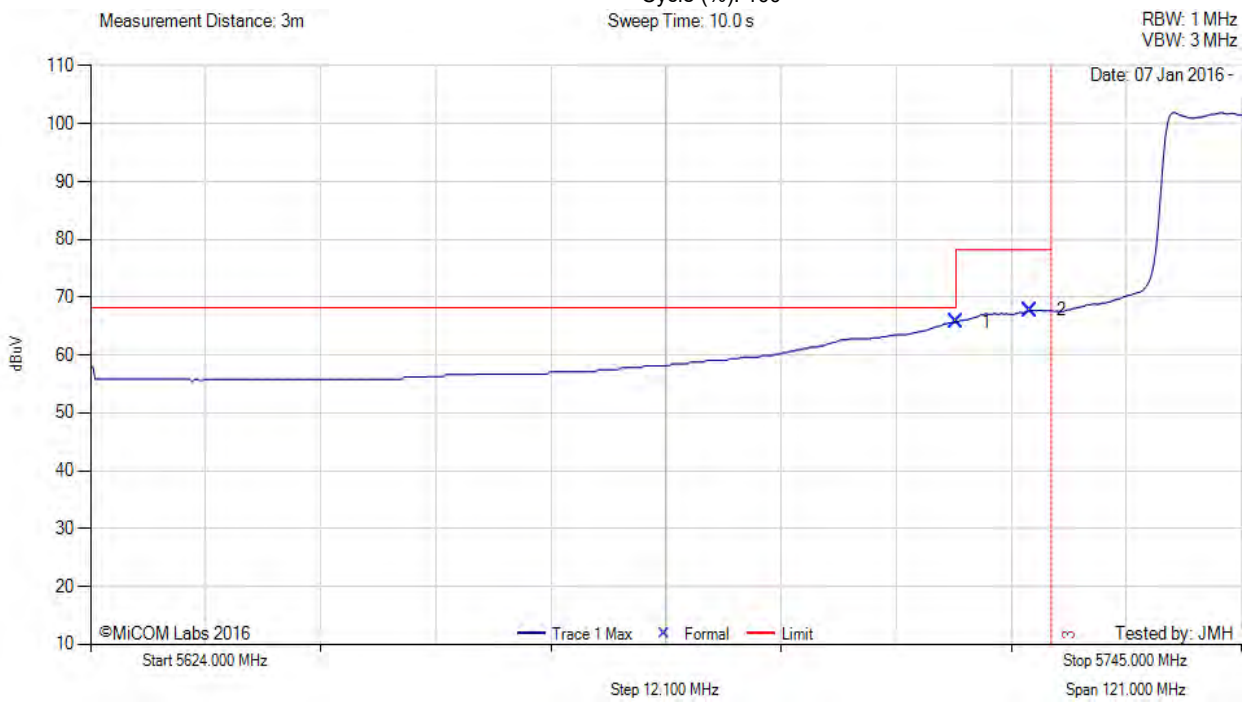
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	26.38	3.81	34.34	64.53	Marker	Horizontal	195	327	68.2	-3.7	Pass
2	5725.00	33.59	3.79	34.35	71.73	Marker	Horizontal	195	327	78.2	-6.5	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 20, Duty Cycle (%): 100



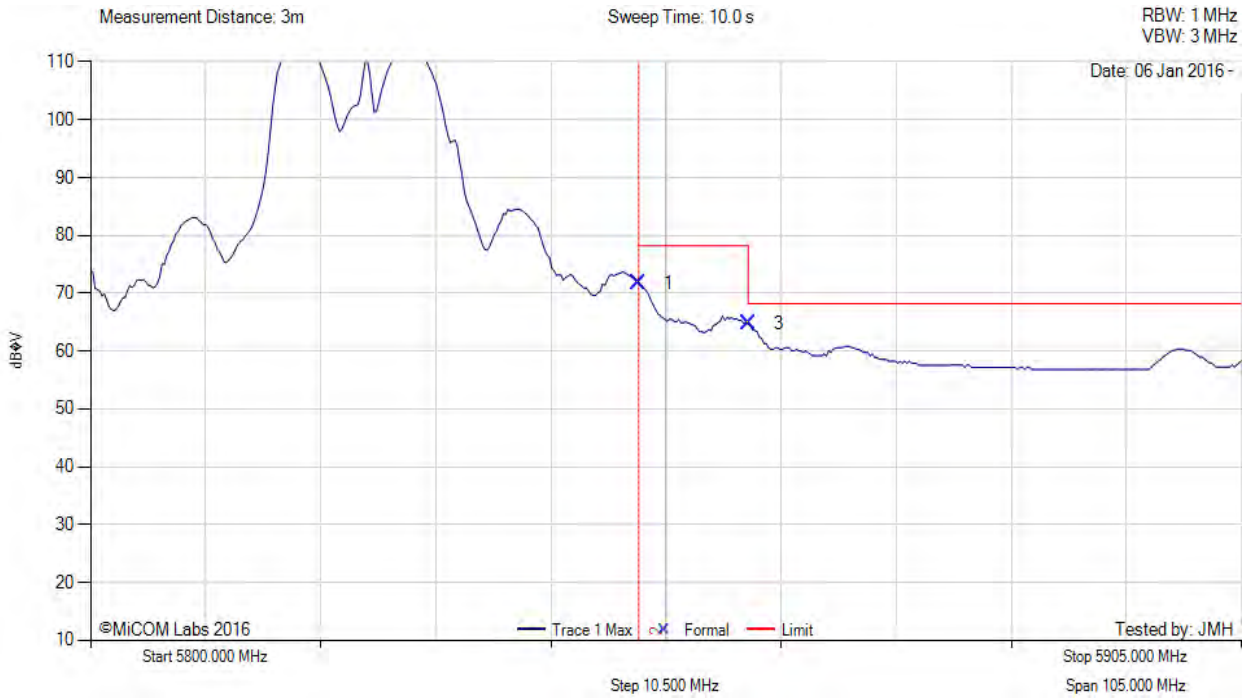
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5715.00	27.54	3.81	34.34	65.69	Marker	Horizontal	195	327	68.2	-2.5	Pass
2	5722.82	29.60	3.80	34.35	67.75	Marker	Horizontal	195	327	78.2	-10.5	Pass
3	5725.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	

Test Notes: EUT on 150cm table, powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 21



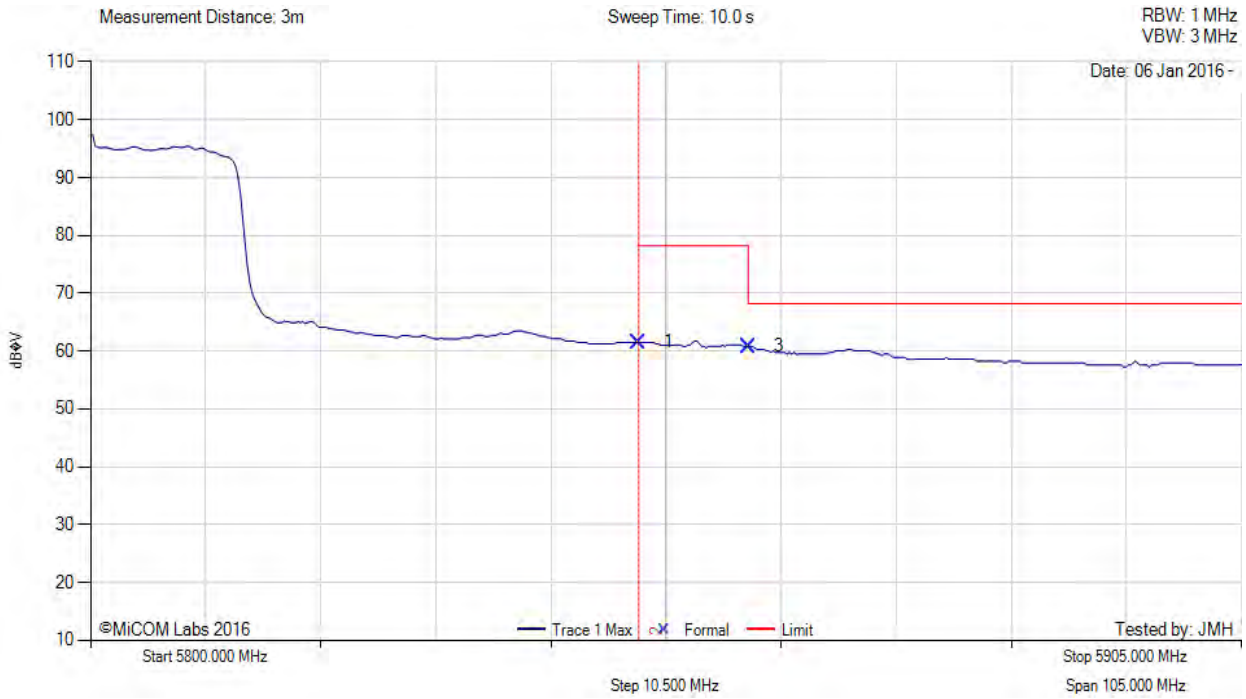
Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	33.34	3.81	34.63	71.78	Marker	Horizontal	156	74	78.2	-6.5	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	26.24	3.86	34.65	64.75	Marker	Horizontal	156	74	68.2	-3.5	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

back to matrix

5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	23.07	3.81	34.63	61.51	Marker	Horizontal	156	74	78.2	-16.7	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	22.31	3.86	34.65	60.82	Marker	Horizontal	156	74	68.2	-7.4	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

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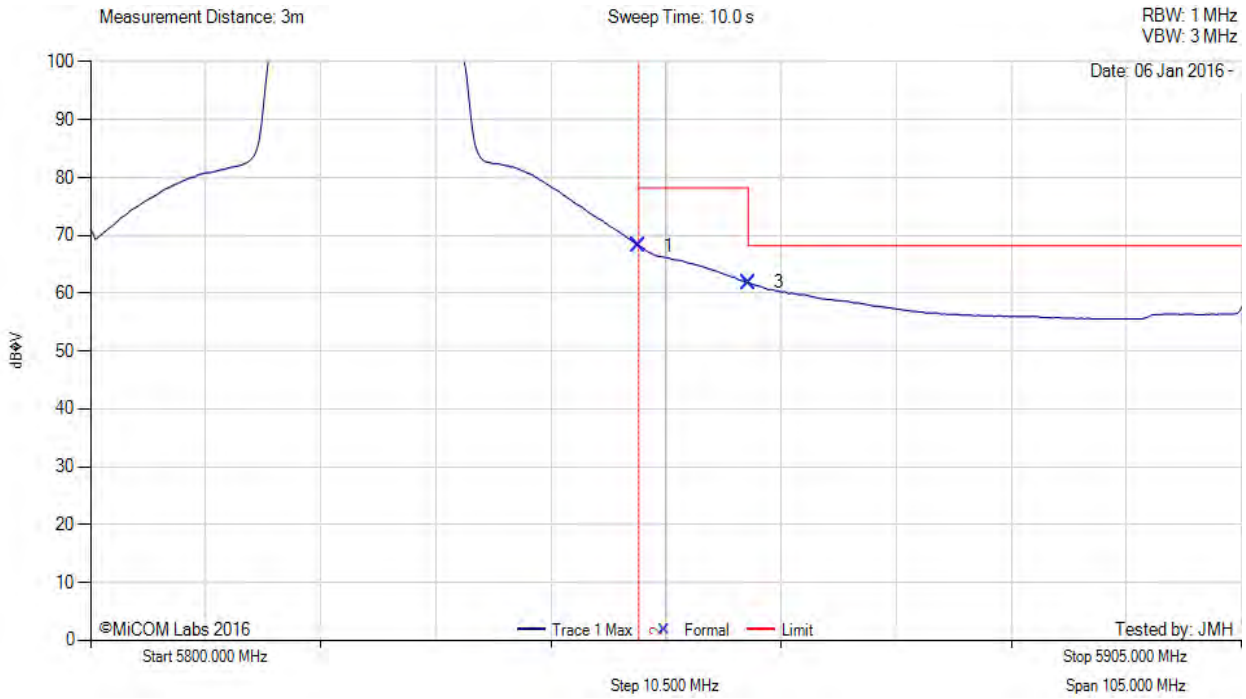
5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	29.77	3.81	34.63	68.21	Marker	Horizontal	156	74	78.2	-10.0	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	23.37	3.86	34.65	61.88	Marker	Horizontal	156	74	68.2	-6.4	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

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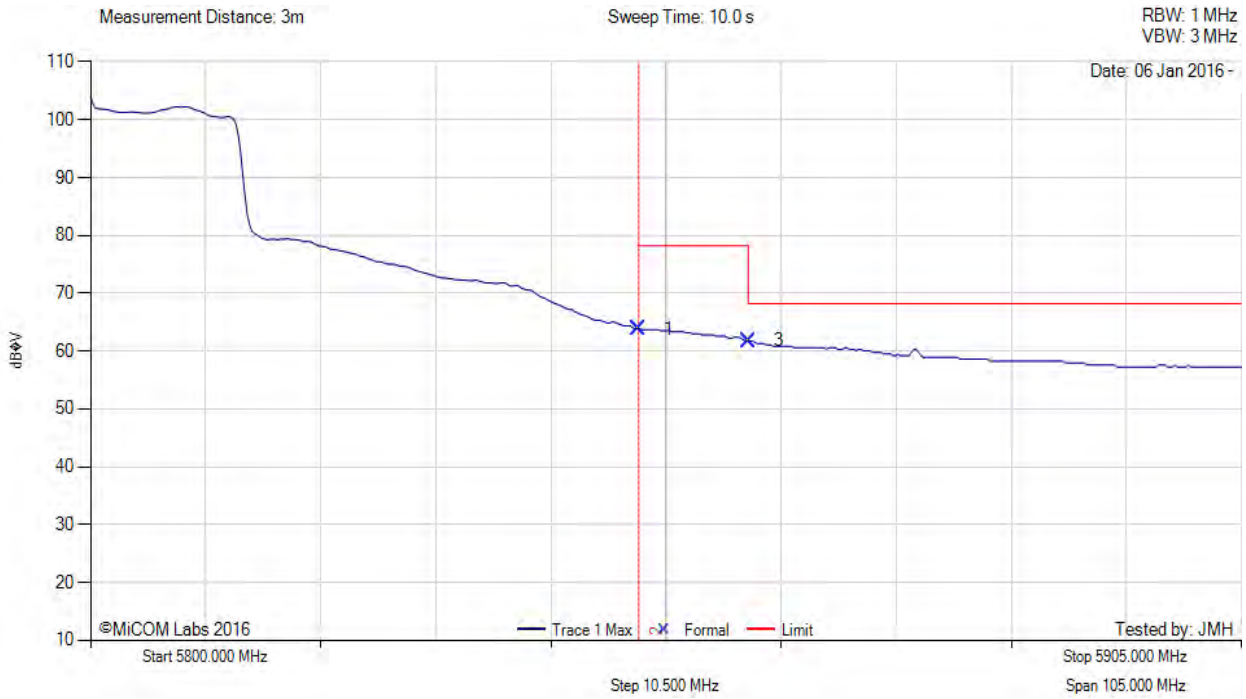
5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 22



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5850.00	25.45	3.81	34.63	63.89	Marker	Horizontal	156	74	78.2	-14.3	Pass
2	5850.00	0.00	0.00	0.00	--	Band-Edge		0	0	--	--	
3	5860.00	23.25	3.86	34.65	61.76	Marker	Horizontal	156	74	68.2	-6.5	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

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