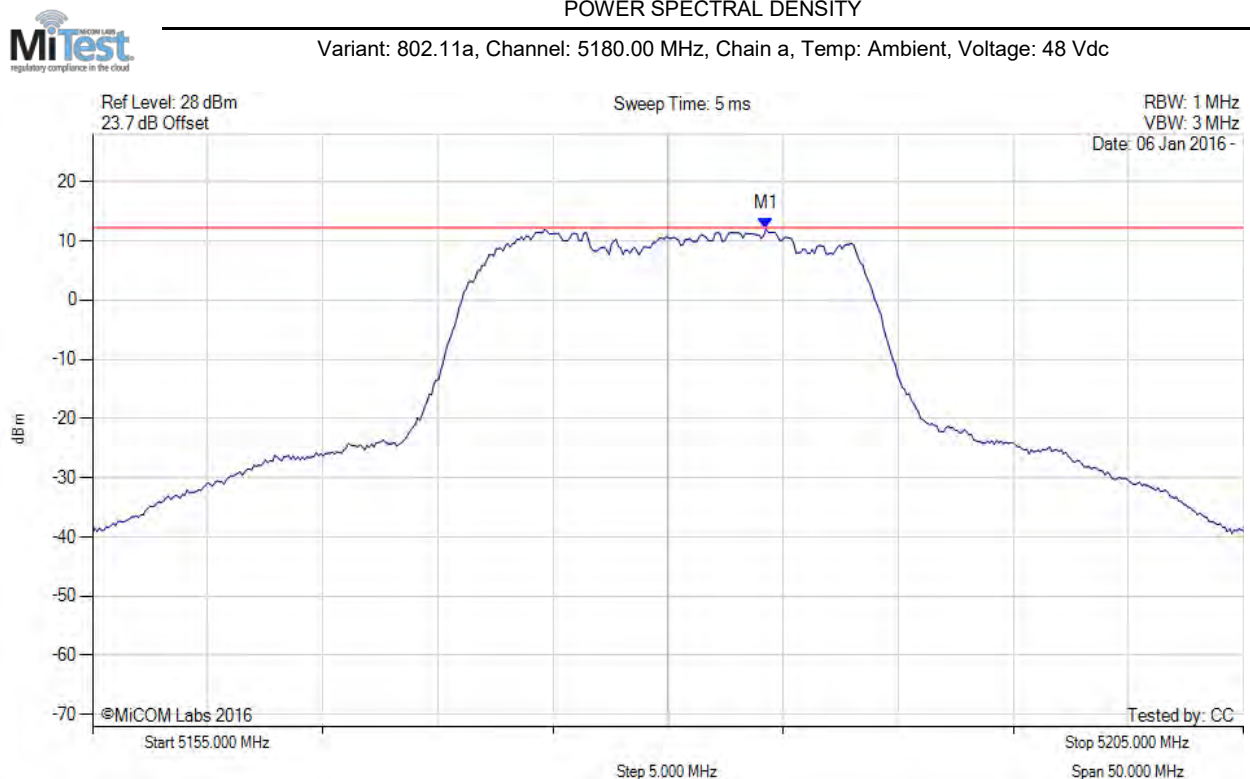


A.2. Power Spectral Density



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5184.259 MHz : 12.013 dBm	Limit: ≤ 12.230 dBm

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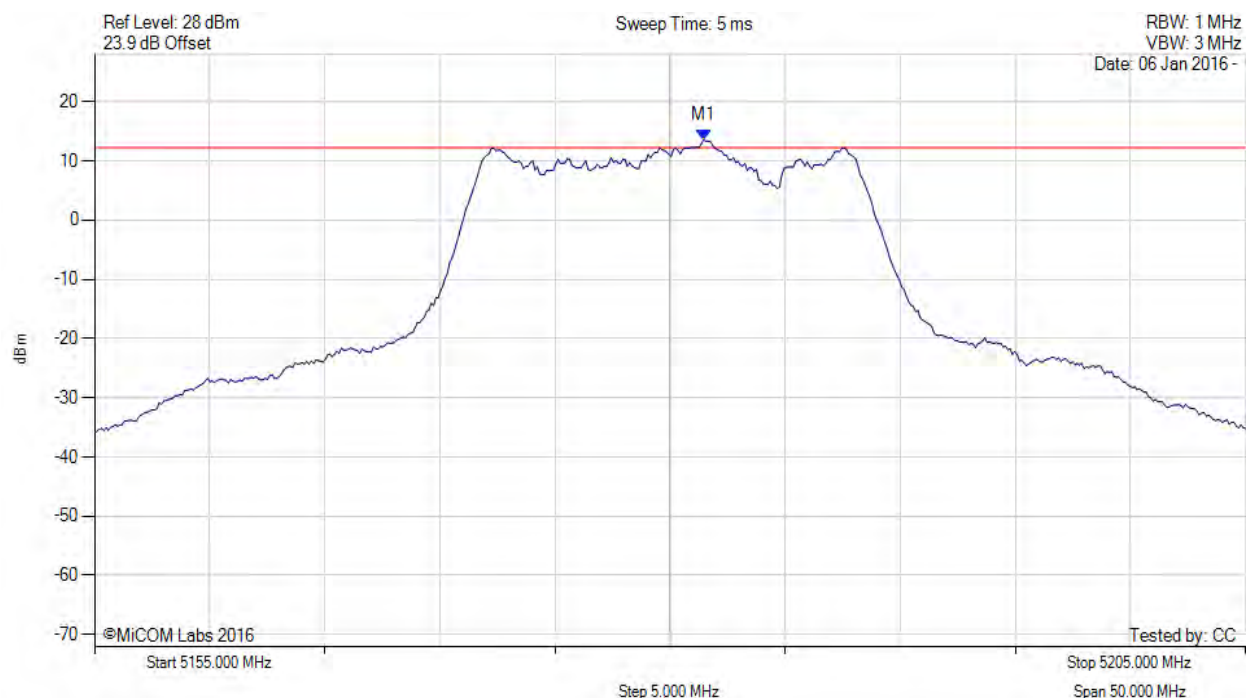


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POWER SPECTRAL DENSITY

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 : 5181.453 MHz : 13.539 dBm	Limit: ≤ 12.230 dBm

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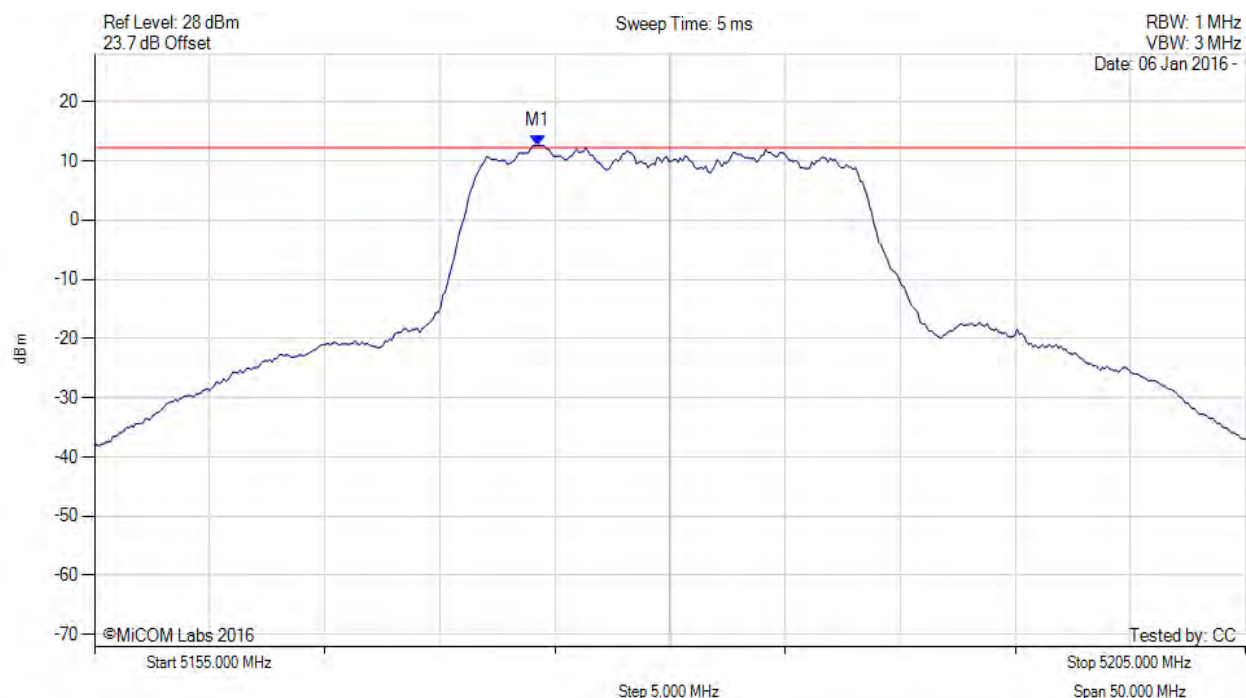


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POWER SPECTRAL DENSITY

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 : 5174.238 MHz : 12.620 dBm	Limit: ≤ 12.230 dBm

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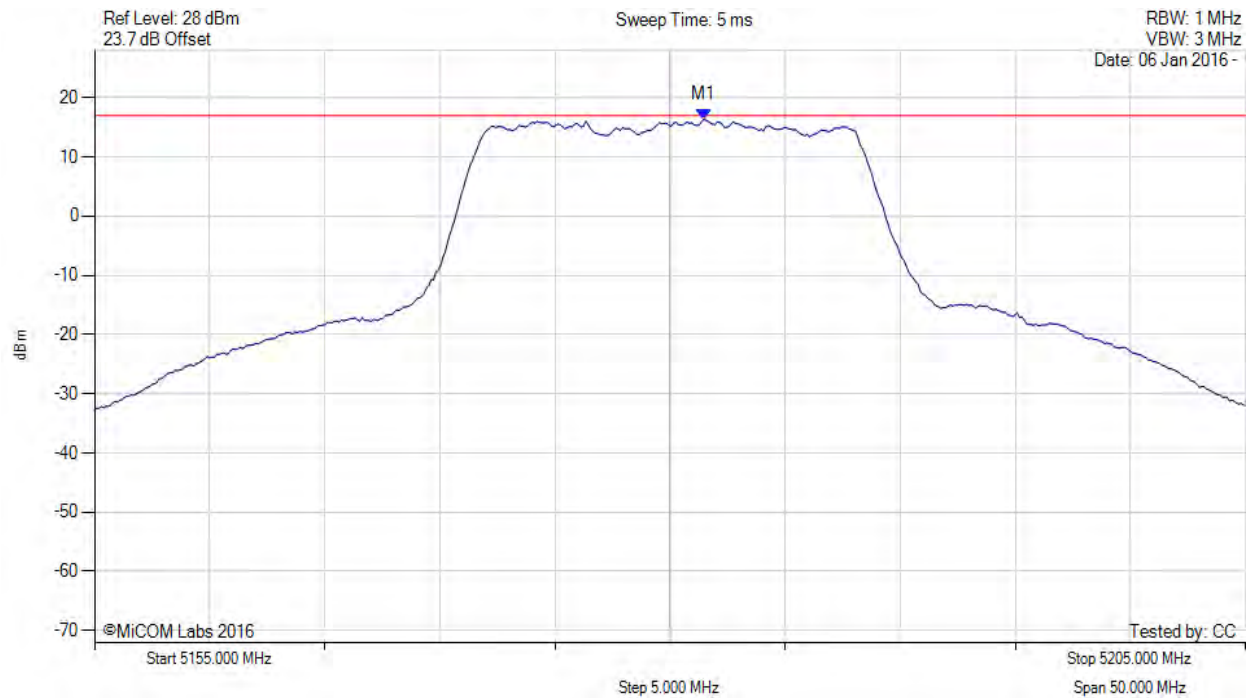


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POWER SPECTRAL DENSITY

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 : 5181.500 MHz : 16.305 dBm M1 + DCCF : 5181.500 MHz : 16.574 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.4 dB

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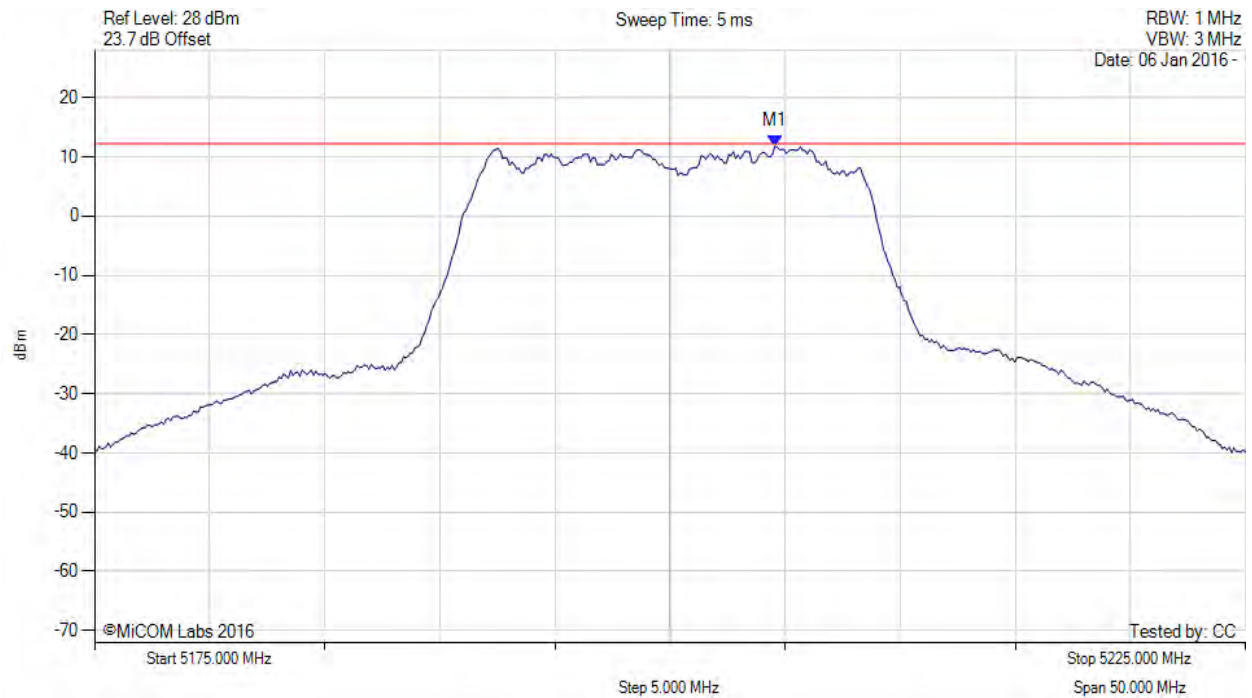


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POWER SPECTRAL DENSITY

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 : 5204.559 MHz : 11.820 dBm	Limit: ≤ 12.230 dBm

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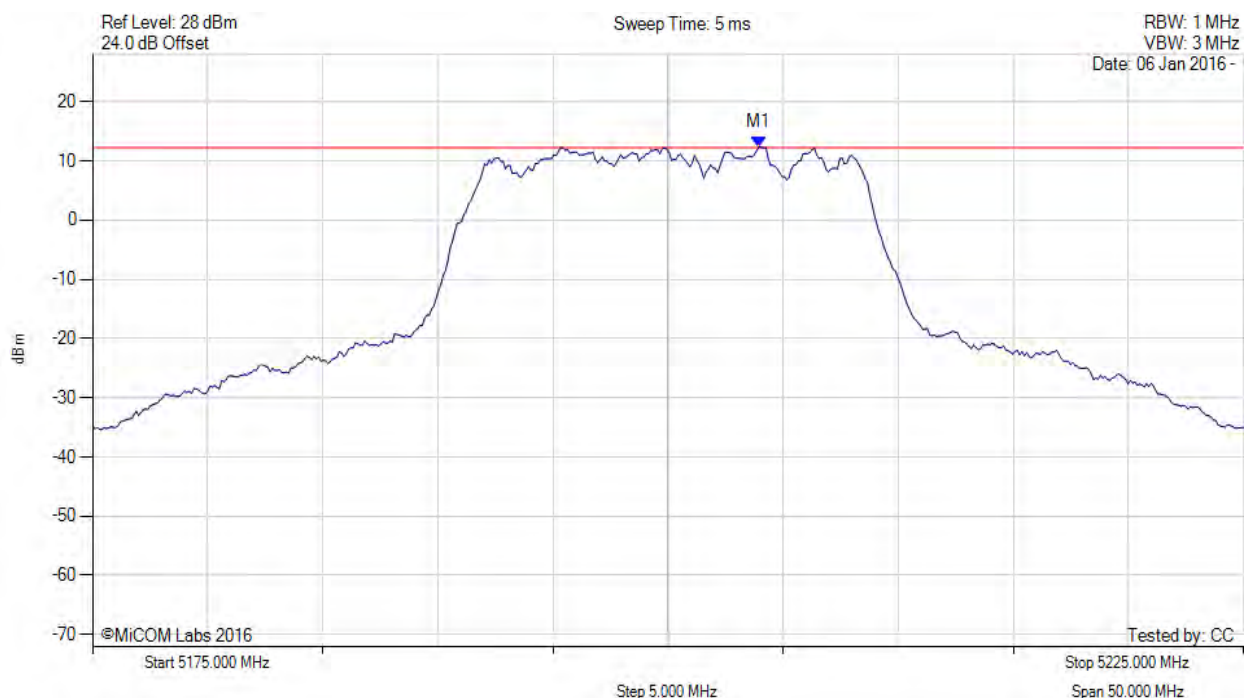


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POWER SPECTRAL DENSITY

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 : 5203.958 MHz : 12.410 dBm	Channel Frequency: 5200.00 MHz

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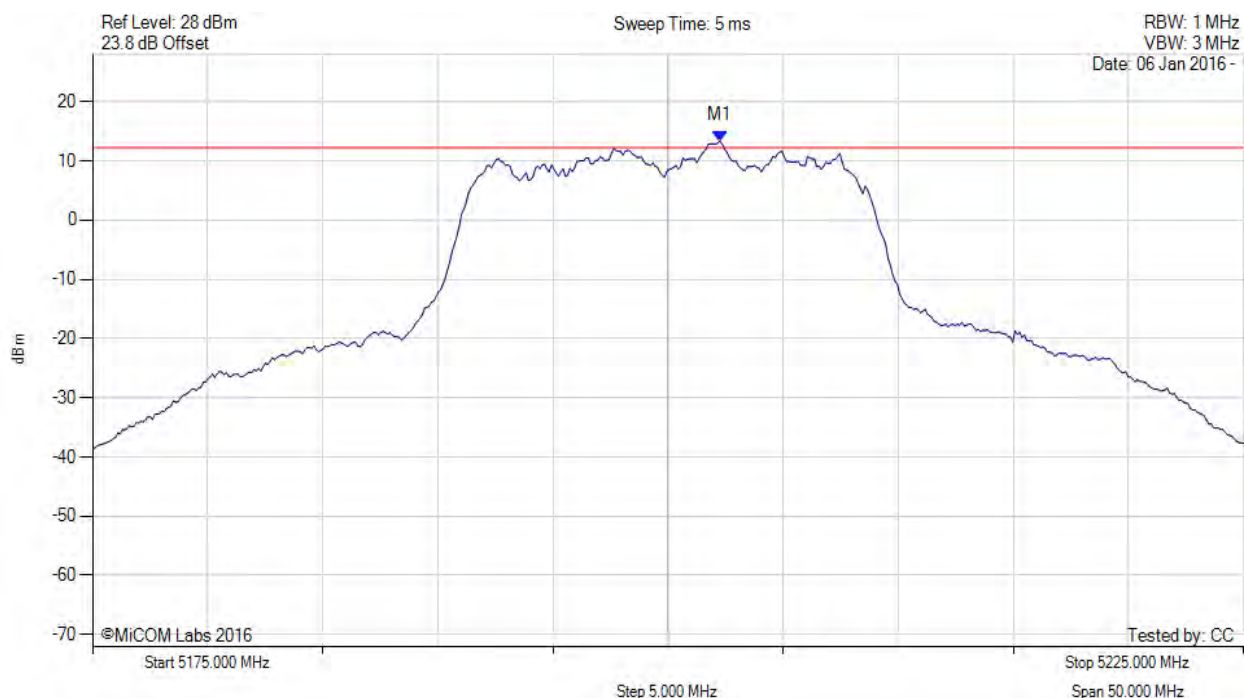


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POWER SPECTRAL DENSITY

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 : 5202.255 MHz : 13.378 dBm	Limit: ≤ 12.230 dBm

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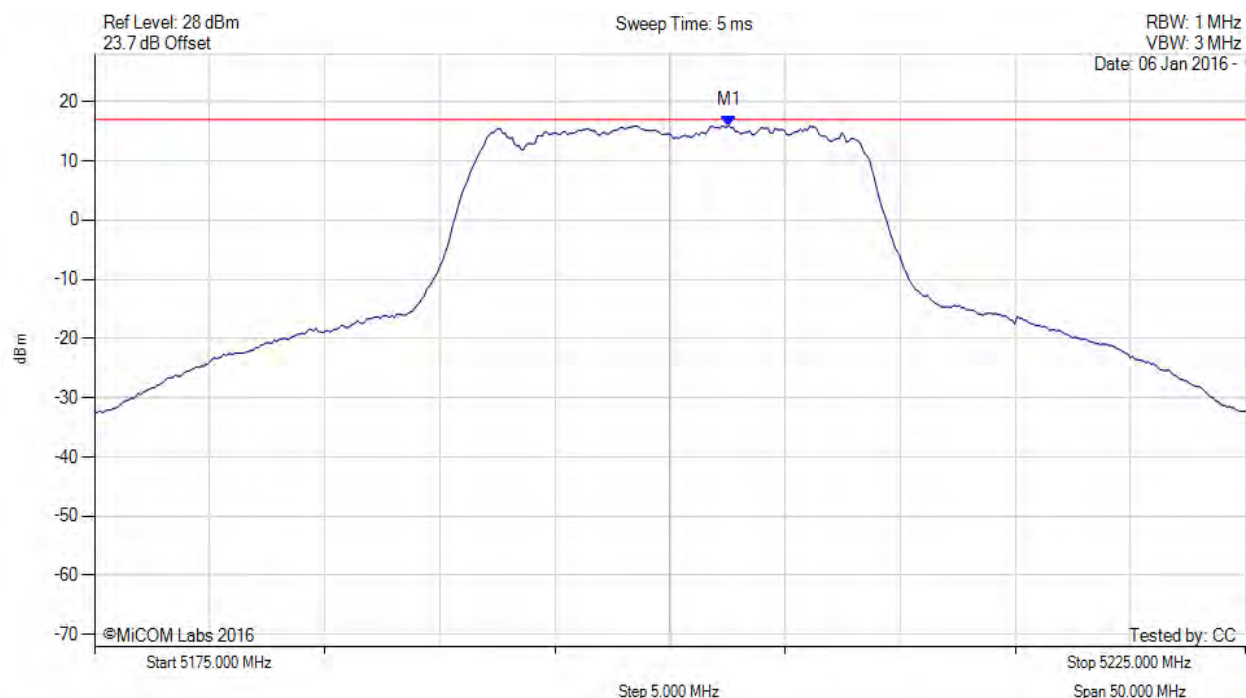


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POWER SPECTRAL DENSITY

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 : 5202.600 MHz : 15.928 dBm M1 + DCCF : 5202.600 MHz : 16.197 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.8 dB

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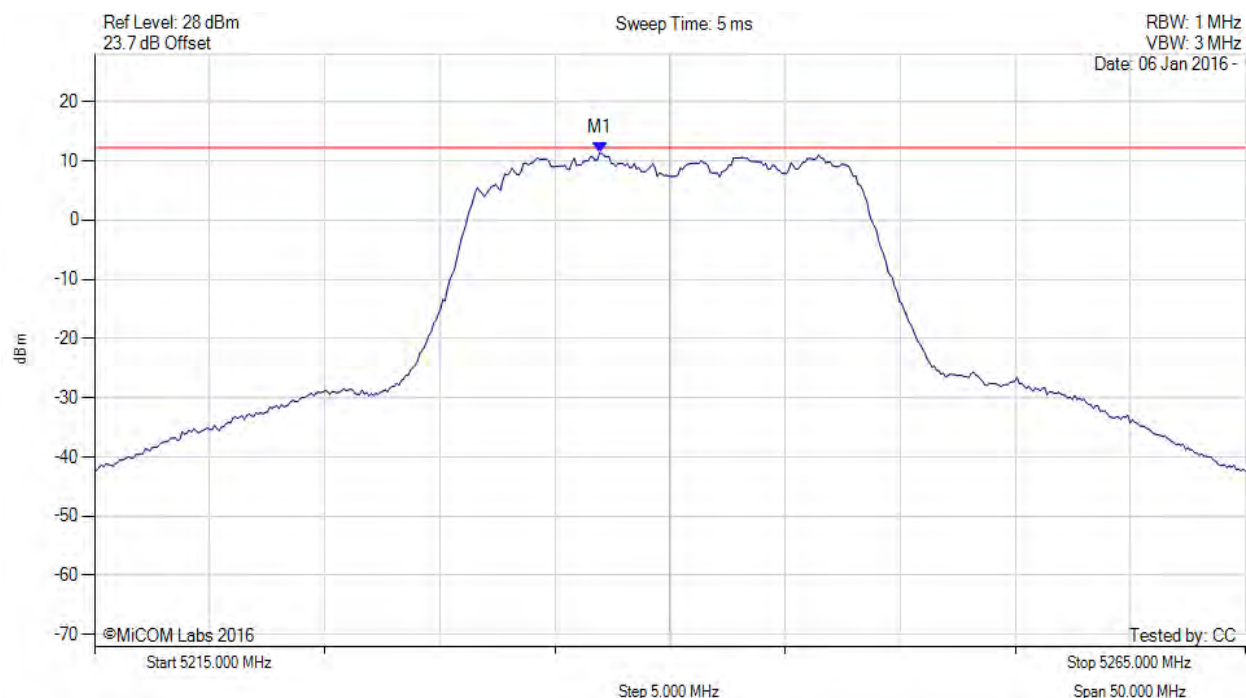


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POWER SPECTRAL DENSITY

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 : 5236.944 MHz : 11.340 dBm	Limit: ≤ 12.230 dBm

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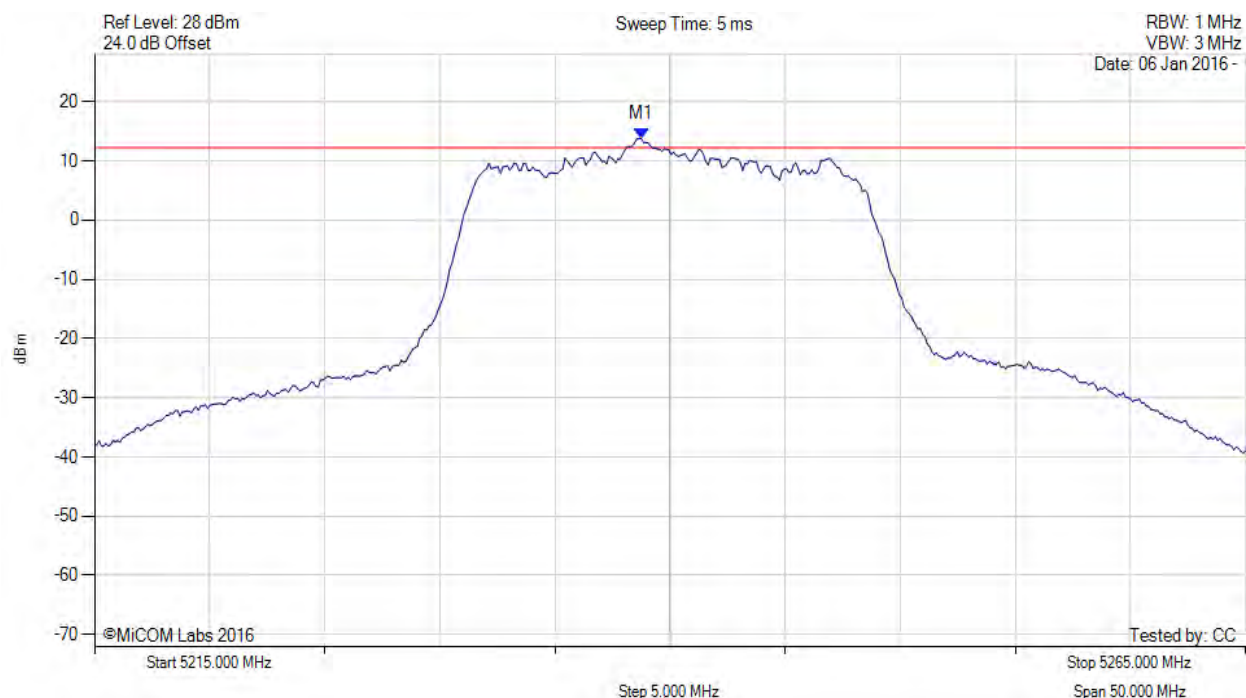


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POWER SPECTRAL DENSITY

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 : 5238.747 MHz : 13.790 dBm	Limit: ≤ 12.230 dBm

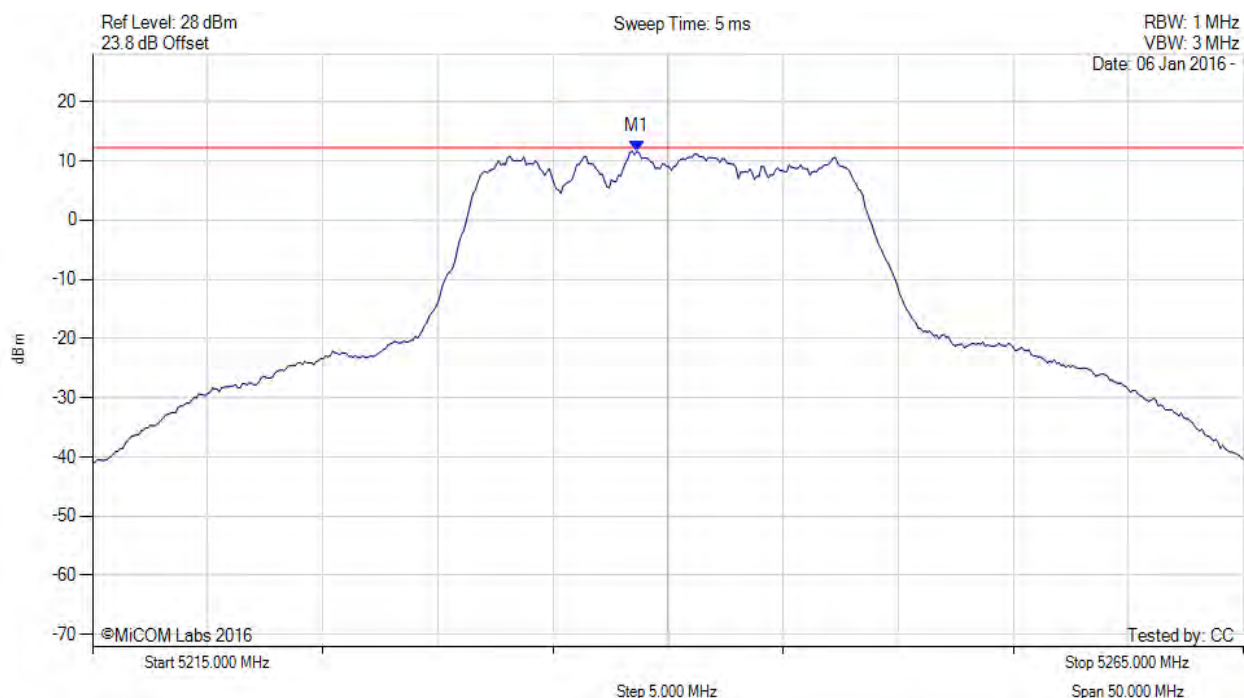
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POWER SPECTRAL DENSITY

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 : 5238.647 MHz : 11.619 dBm	Limit: ≤ 12.230 dBm

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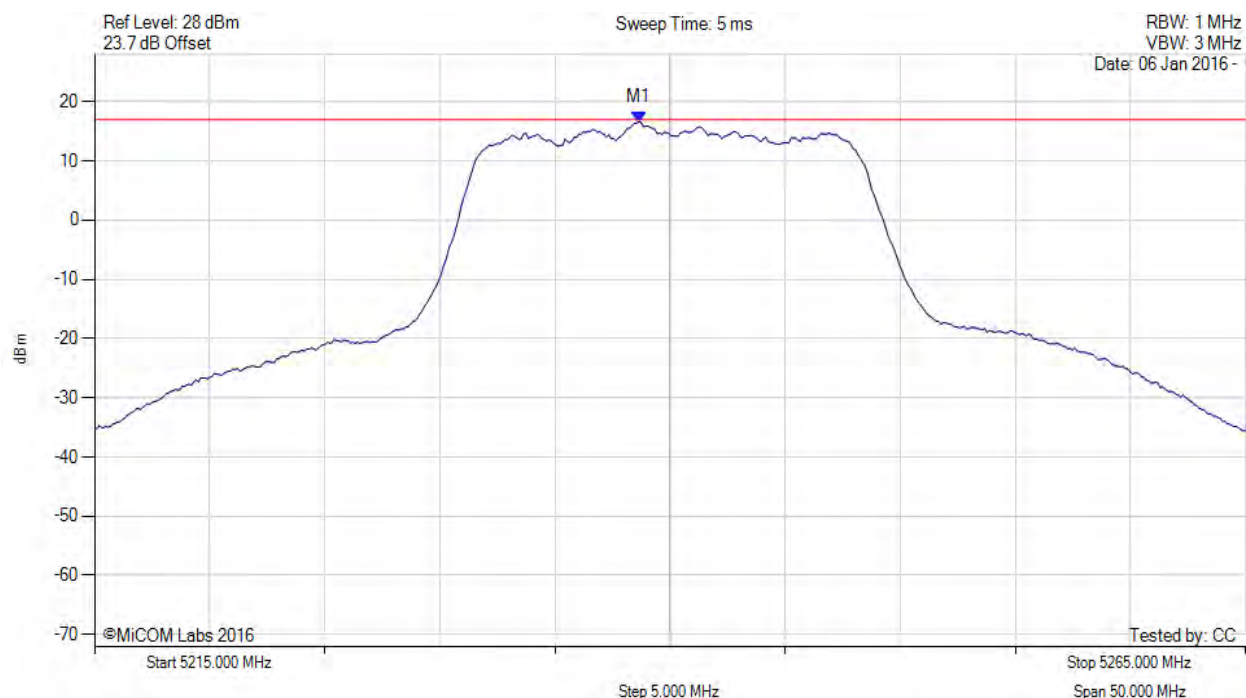


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POWER SPECTRAL DENSITY

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 : 5238.600 MHz : 16.620 dBm M1 + DCCF : 5238.600 MHz : 16.889 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.1 dB

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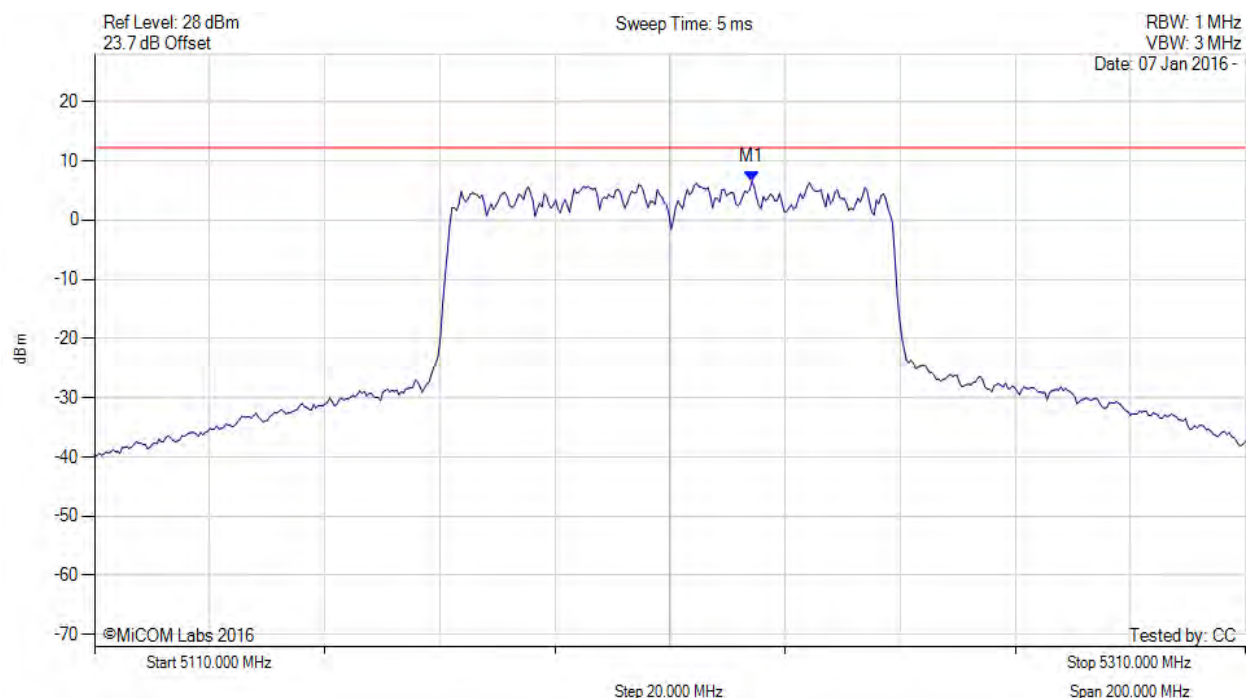


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POWER SPECTRAL DENSITY

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 : 5224.228 MHz : 6.557 dBm	Limit: ≤ 12.230 dBm

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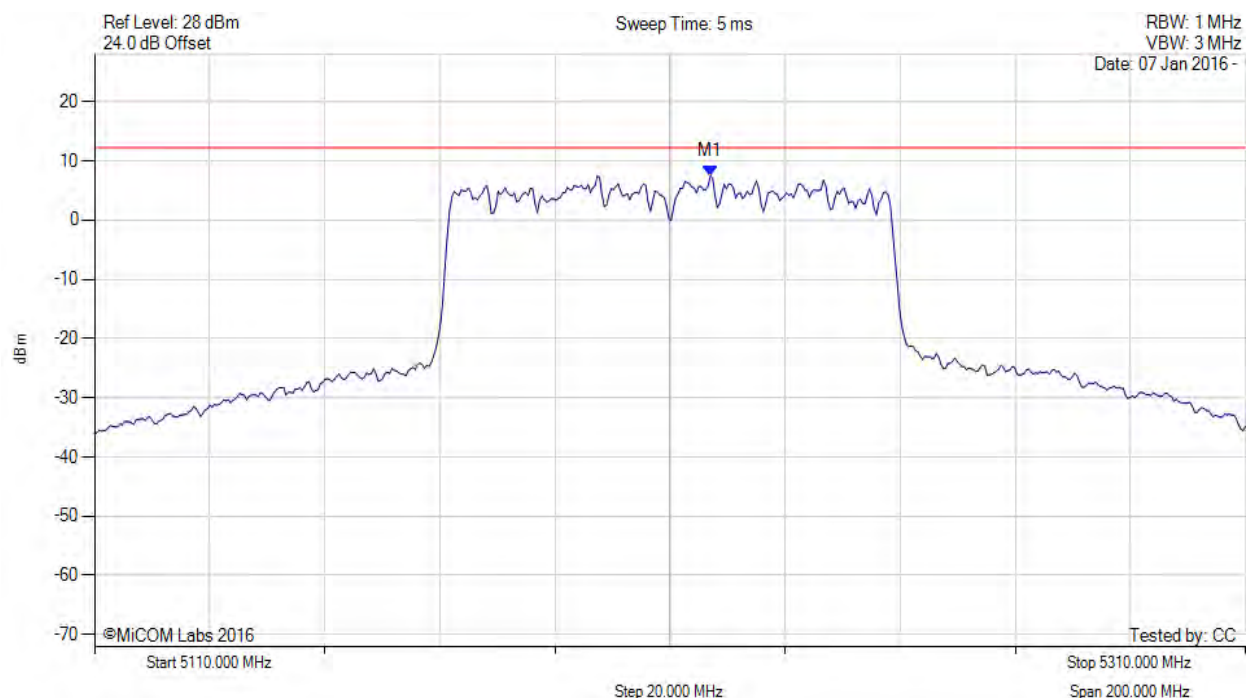


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POWER SPECTRAL DENSITY

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 : 5217.014 MHz : 7.457 dBm	Limit: ≤ 12.230 dBm

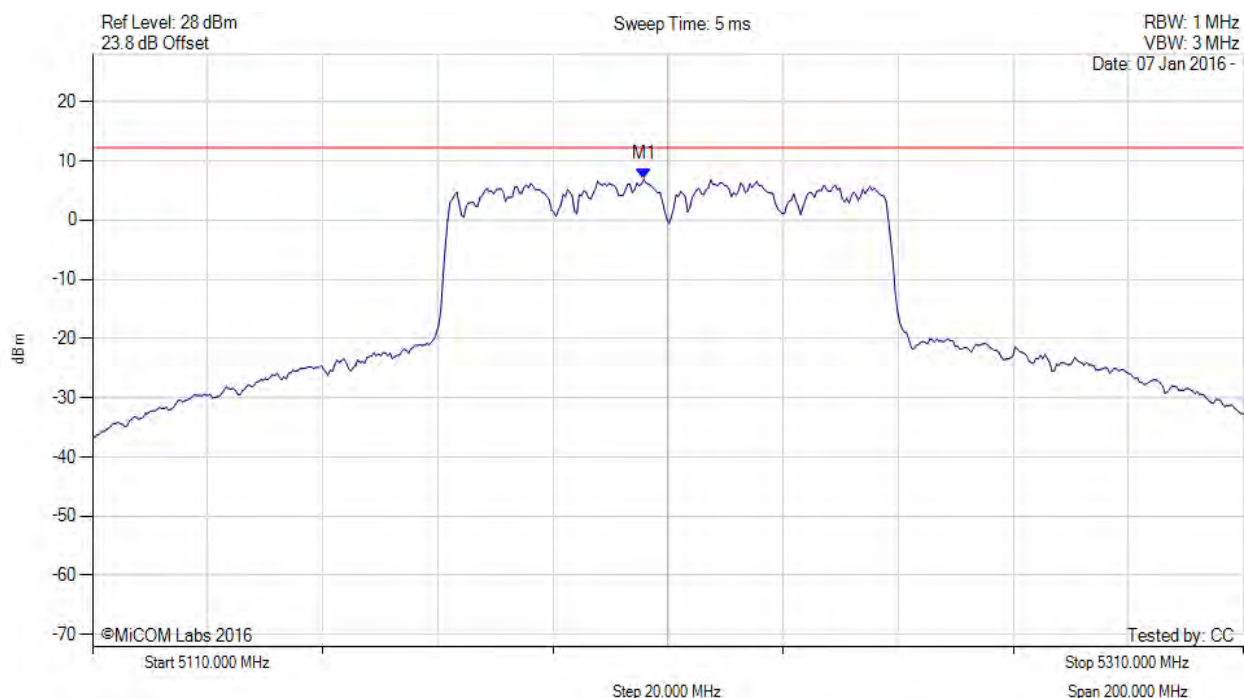
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POWER SPECTRAL DENSITY

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 : 5205.792 MHz : 6.908 dBm	Limit: ≤ 12.230 dBm

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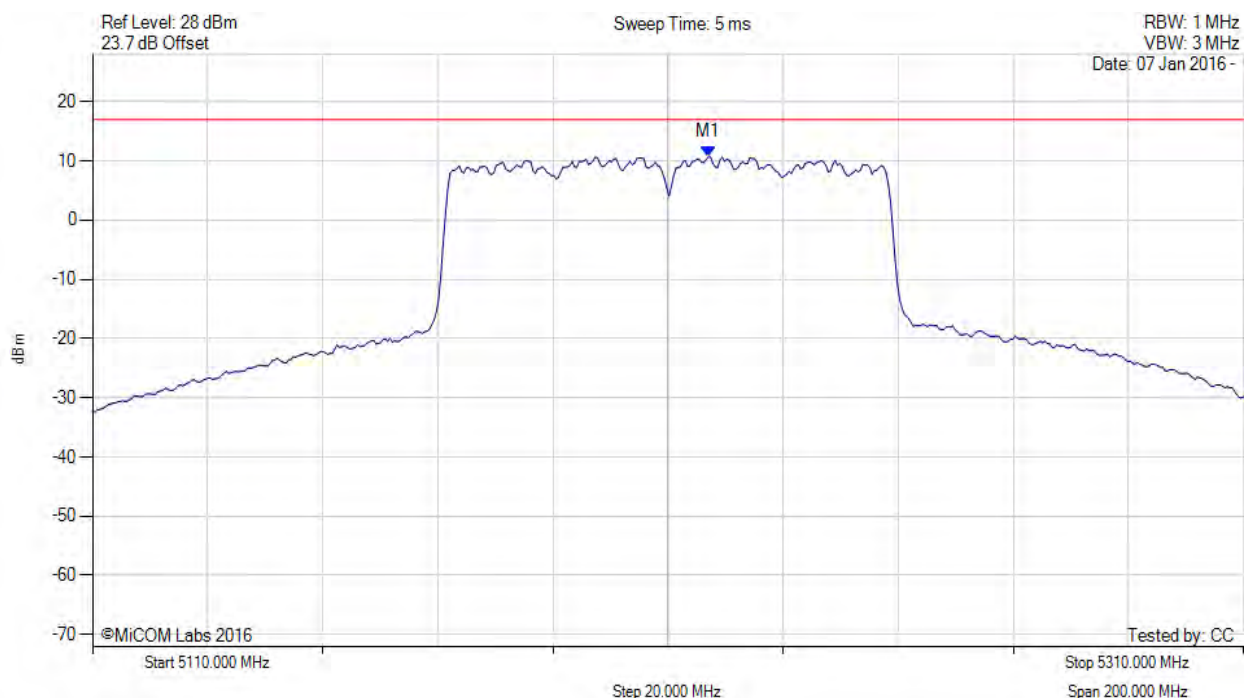


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POWER SPECTRAL DENSITY

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 : 5217.000 MHz : 10.648 dBm M1 + DCCF : 5217.000 MHz : 11.354 dBm Duty Cycle Correction Factor : +0.71 dB	Limit: ≤ 17.0 dBm Margin: -5.6 dB

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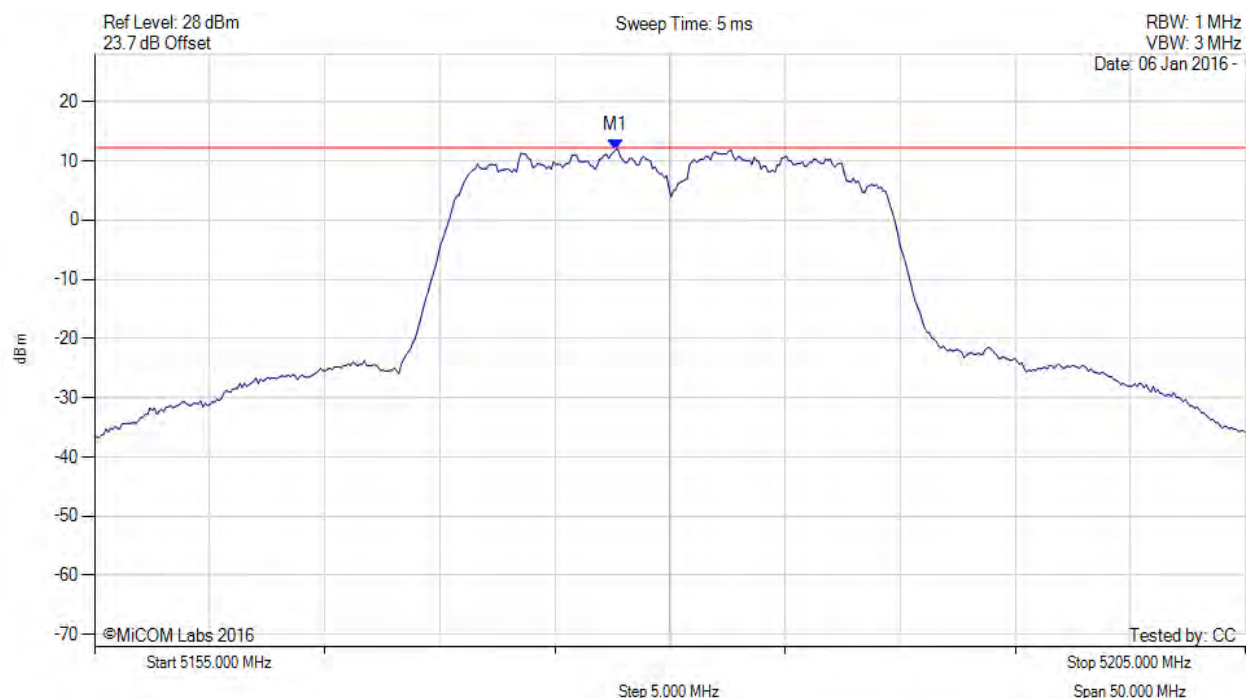


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POWER SPECTRAL DENSITY

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 : 5177.645 MHz : 11.876 dBm	Limit: ≤ 12.230 dBm

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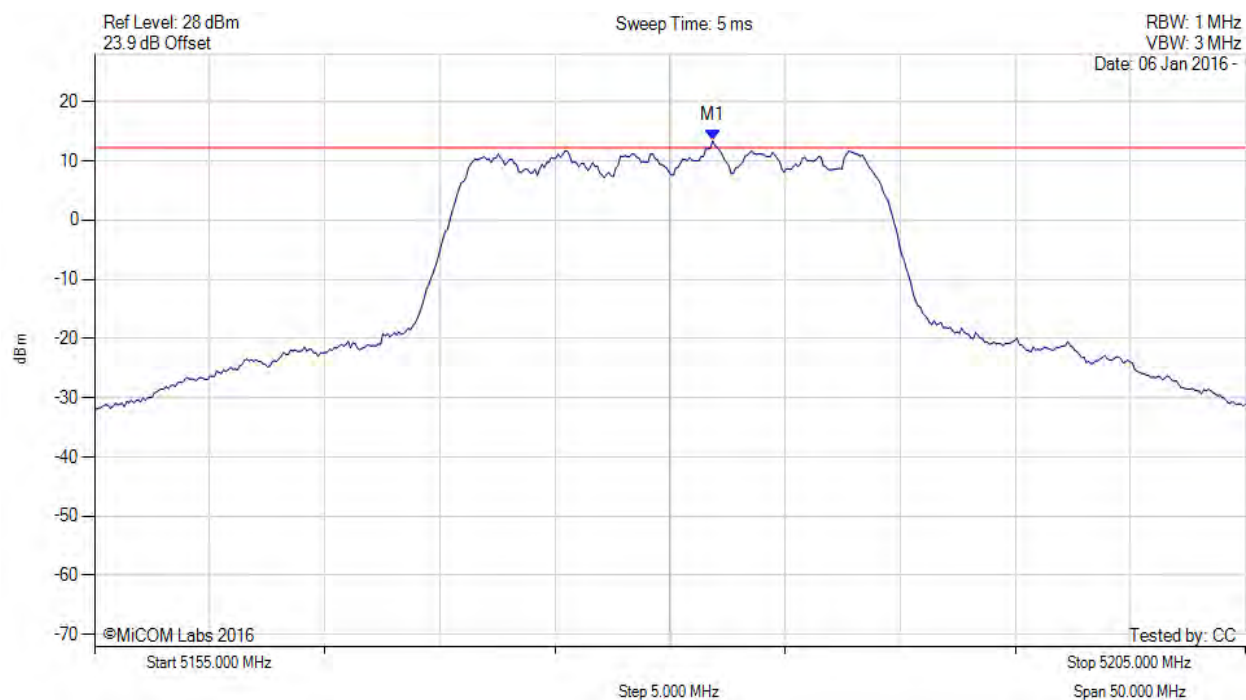


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POWER SPECTRAL DENSITY

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 : 5181.854 MHz : 13.379 dBm	Limit: ≤ 12.230 dBm

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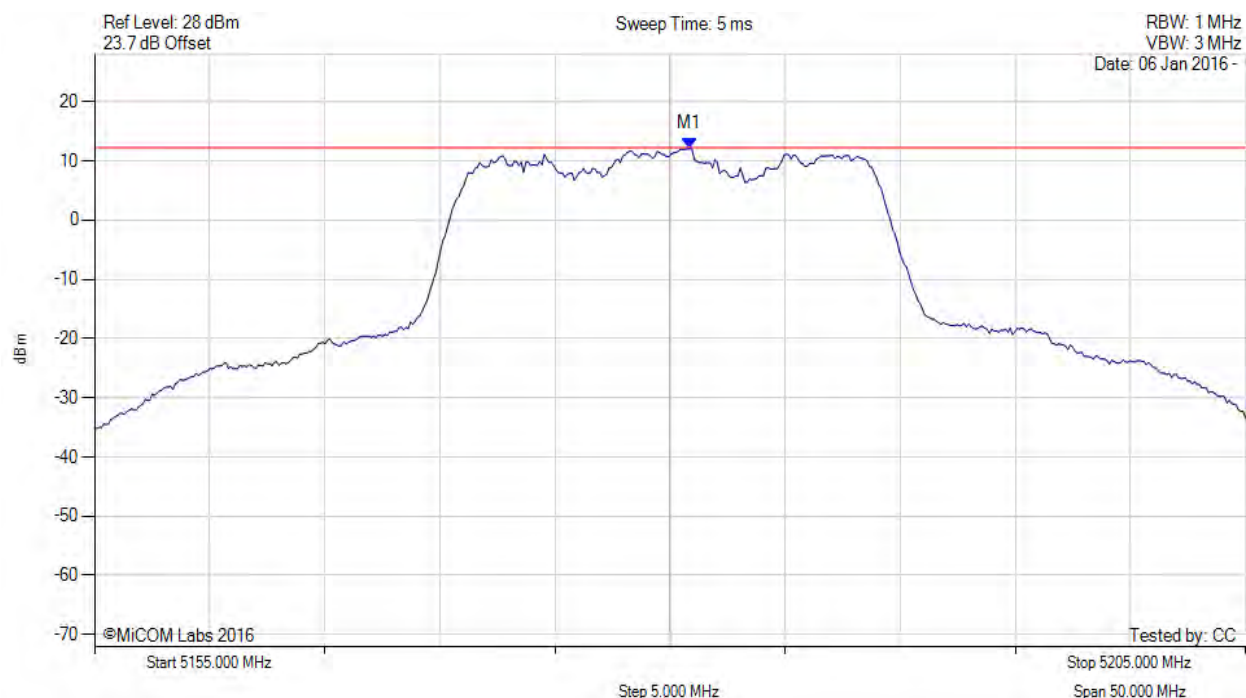


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POWER SPECTRAL DENSITY

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 : 5180.852 MHz : 12.051 dBm	Limit: ≤ 12.230 dBm

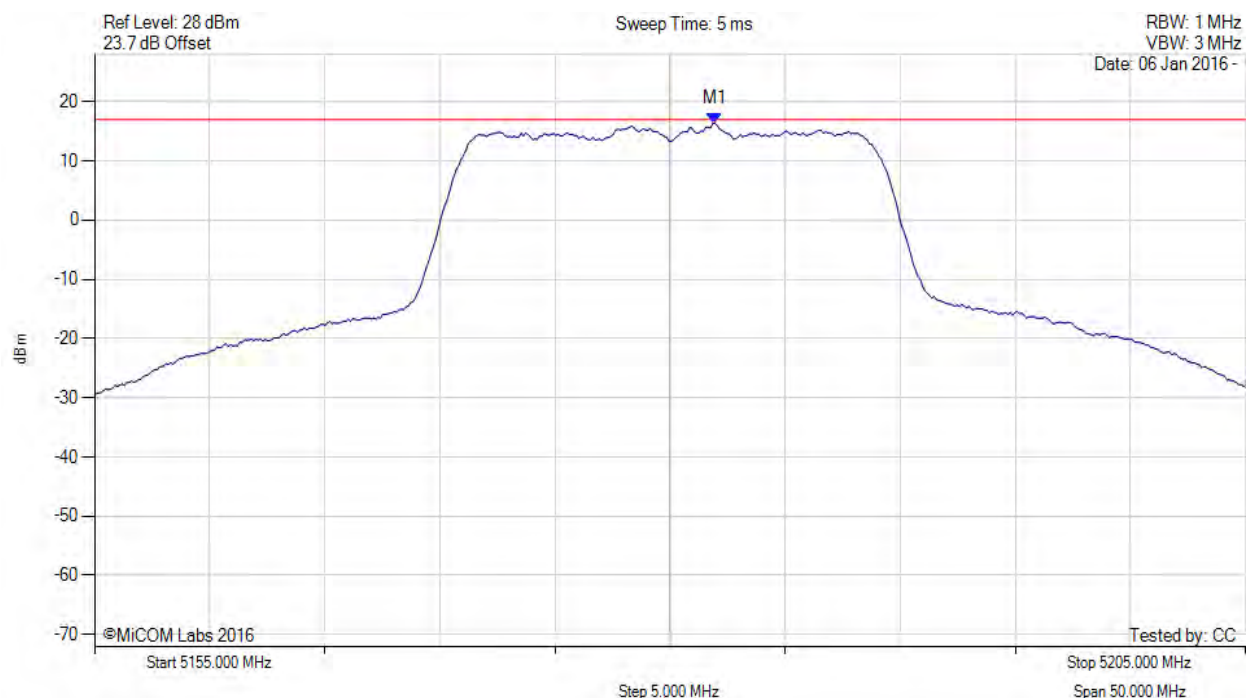
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POWER SPECTRAL DENSITY

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 : 5182.000 MHz : 16.330 dBm M1 + DCCF : 5182.000 MHz : 16.599 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.4 dB

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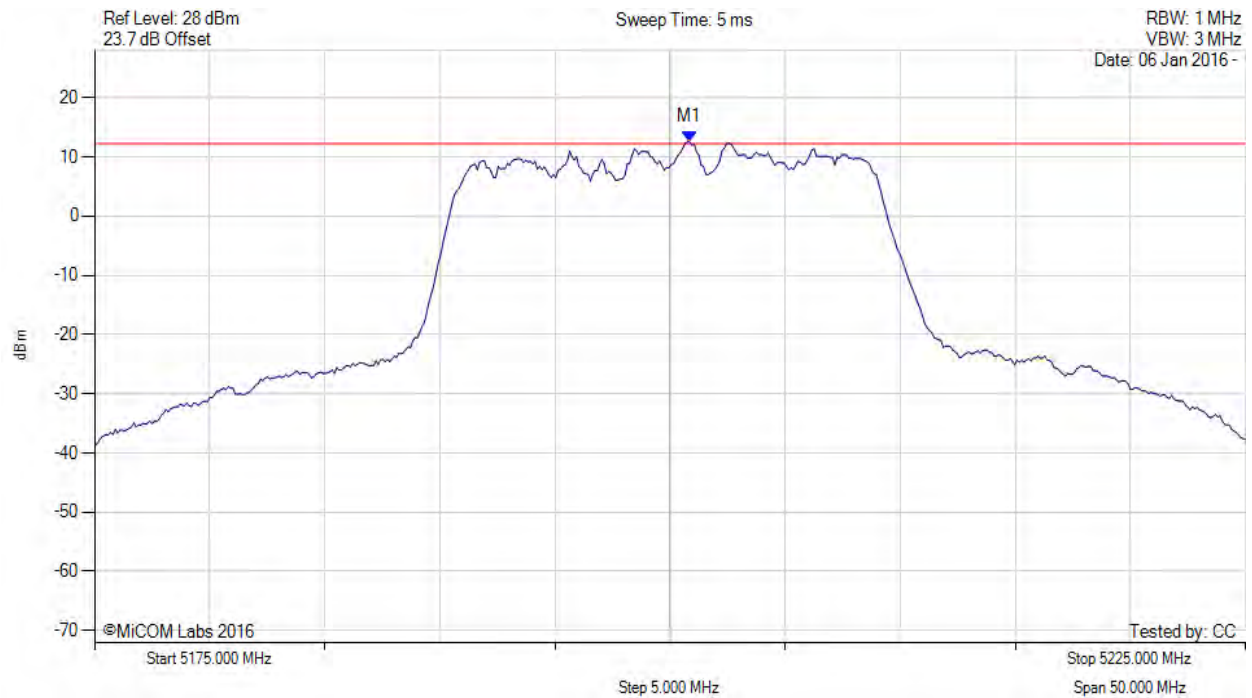


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POWER SPECTRAL DENSITY

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 : 5200.852 MHz : 12.529 dBm	Limit: ≤ 12.230 dBm

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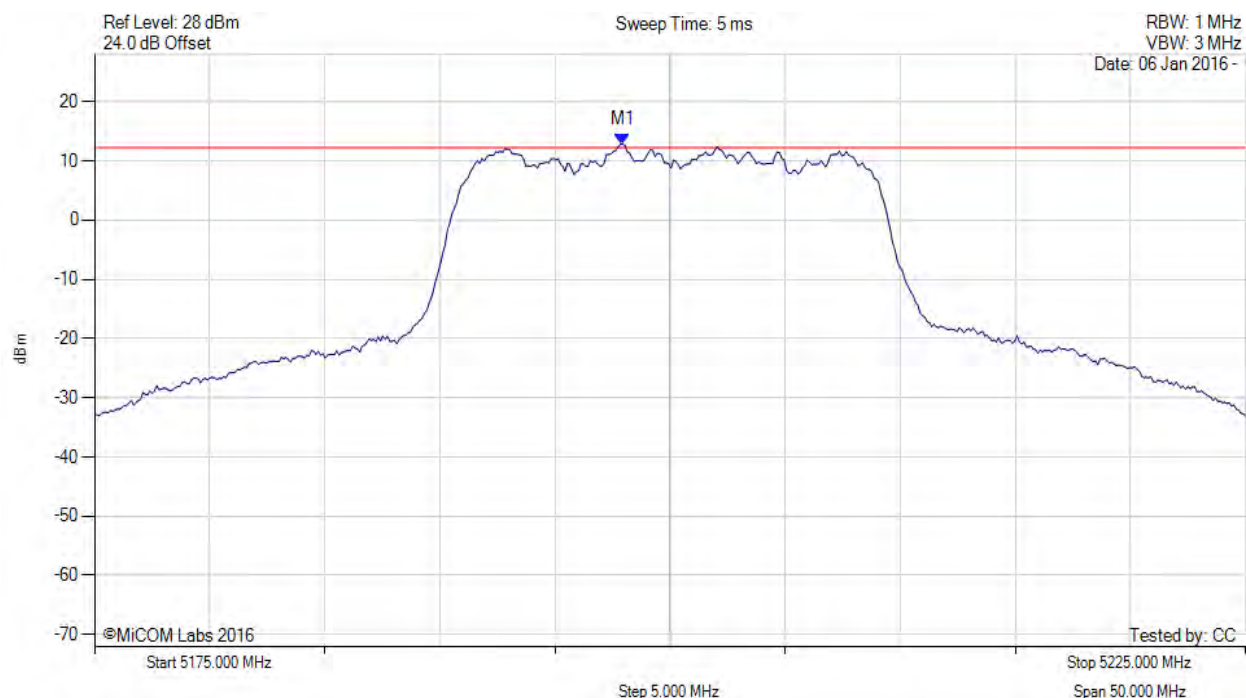


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POWER SPECTRAL DENSITY

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 : 5197.946 MHz : 12.871 dBm	Channel Frequency: 5200.00 MHz

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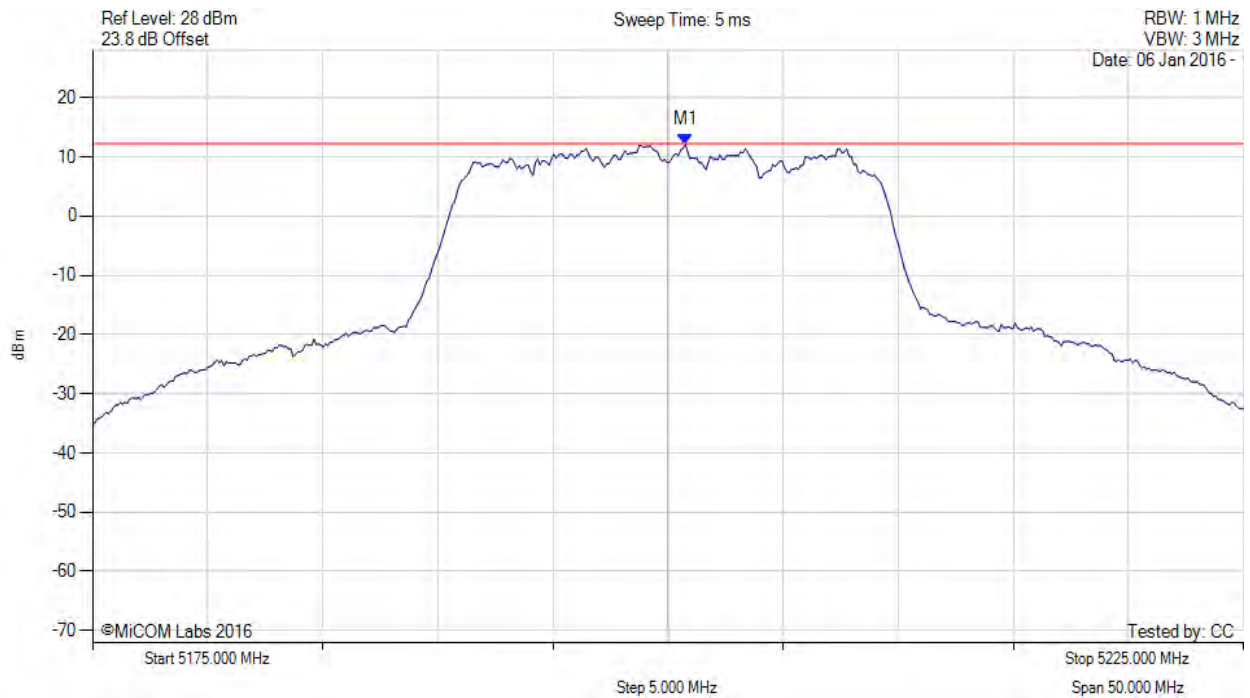


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POWER SPECTRAL DENSITY

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 : 5200.752 MHz : 12.080 dBm	Limit: ≤ 12.230 dBm

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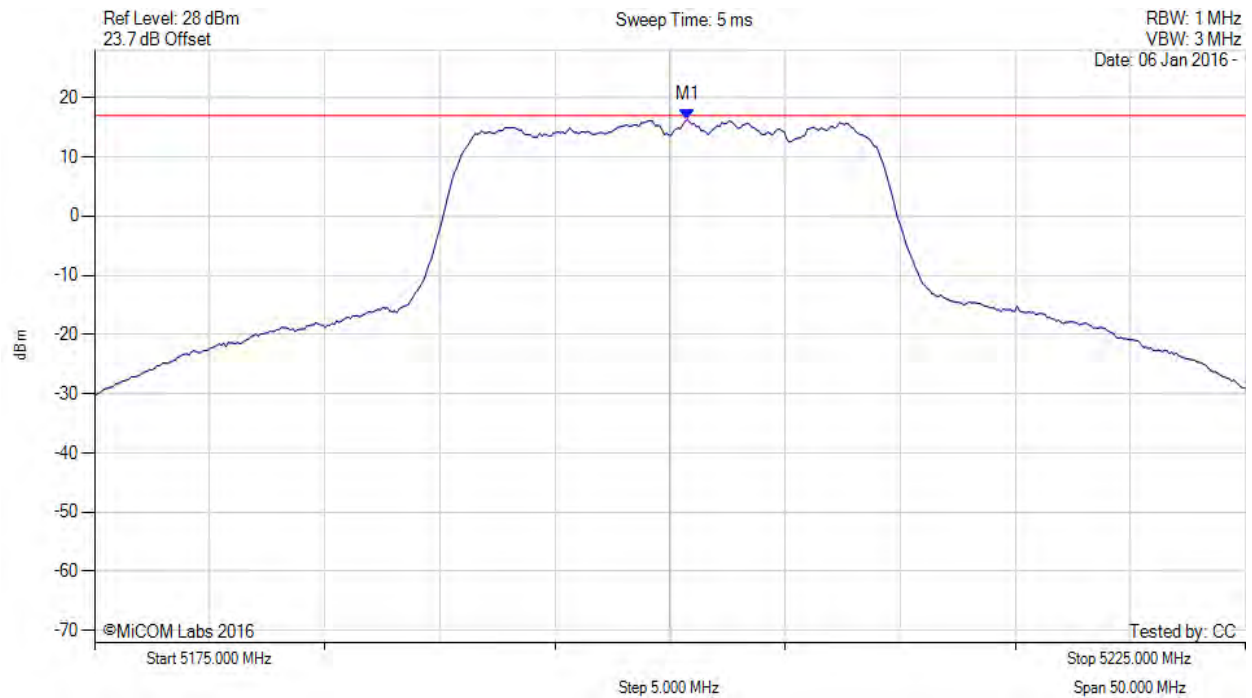


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POWER SPECTRAL DENSITY

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 : 5200.800 MHz : 16.314 dBm M1 + DCCF : 5200.800 MHz : 16.583 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.4 dB

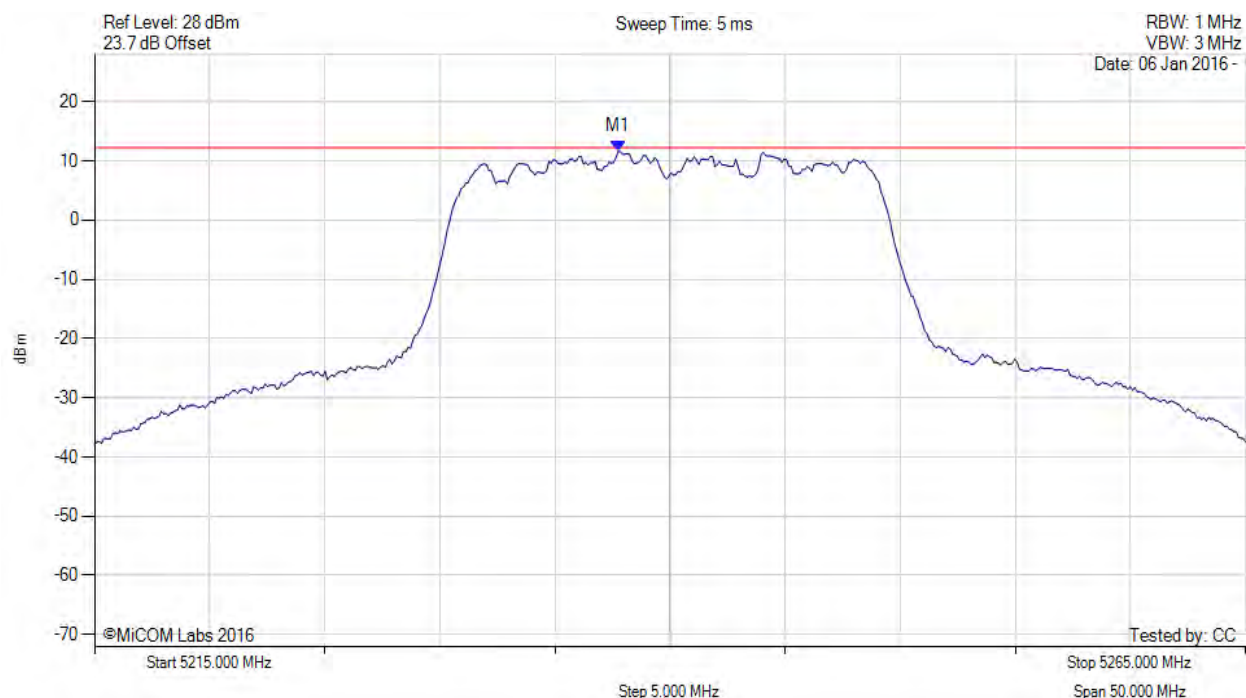
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POWER SPECTRAL DENSITY

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 : 5237.745 MHz : 11.611 dBm	Limit: ≤ 12.230 dBm

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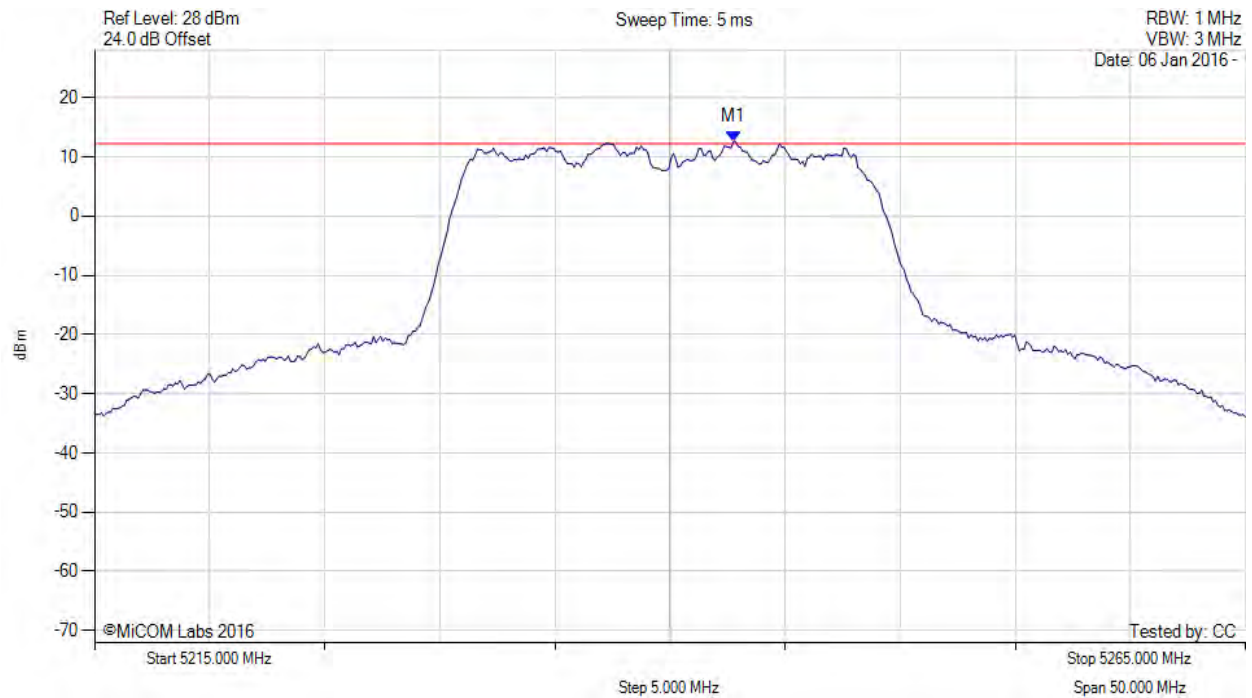


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POWER SPECTRAL DENSITY

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 : 5242.756 MHz : 12.544 dBm	Limit: ≤ 12.230 dBm

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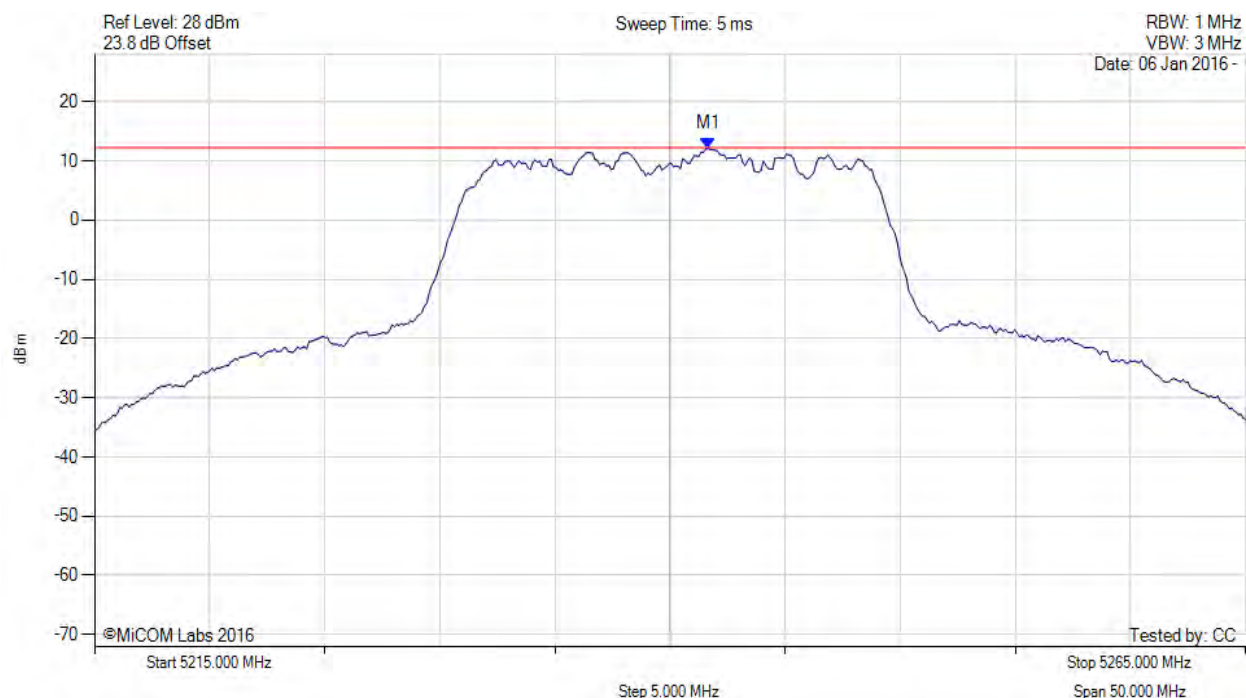


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POWER SPECTRAL DENSITY

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 : 5241.653 MHz : 12.074 dBm	Limit: ≤ 12.230 dBm

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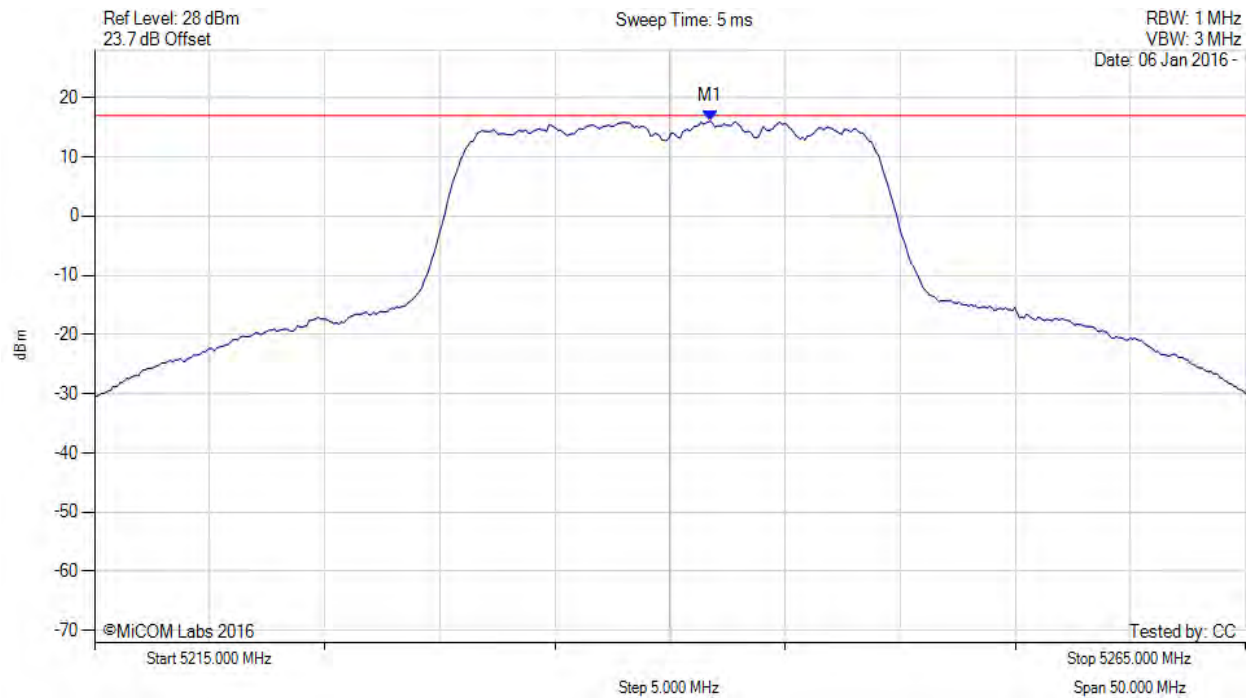


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POWER SPECTRAL DENSITY

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 : 5241.800 MHz : 16.039 dBm M1 + DCCF : 5241.800 MHz : 16.308 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 17.0 dBm Margin: -0.7 dB

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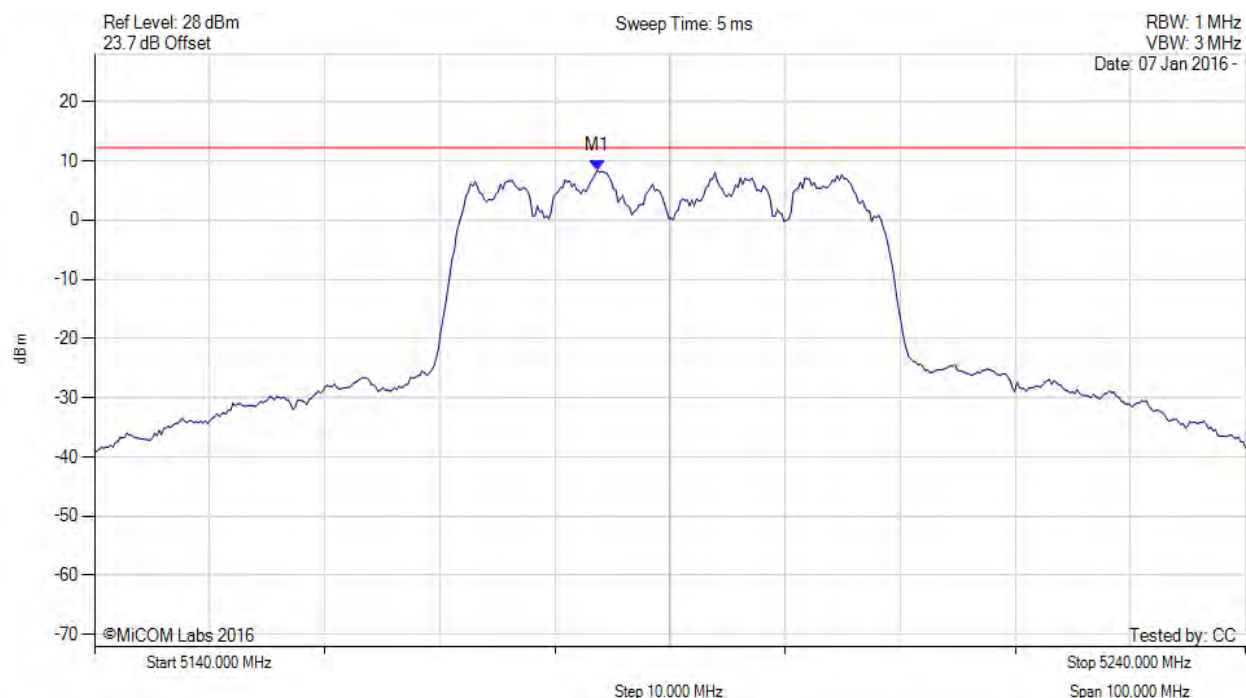


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POWER SPECTRAL DENSITY

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 : 5183.687 MHz : 8.377 dBm	Limit: ≤ 12.230 dBm

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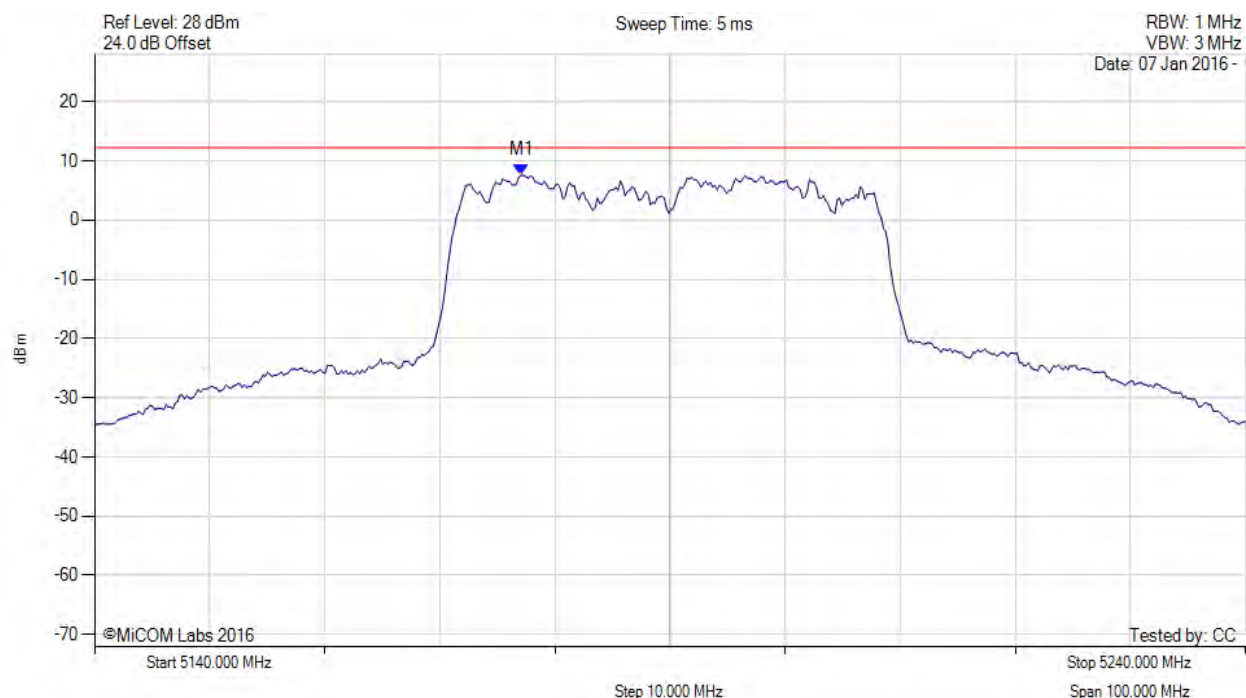


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POWER SPECTRAL DENSITY

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 : 5177.074 MHz : 7.609 dBm	Limit: ≤ 12.230 dBm

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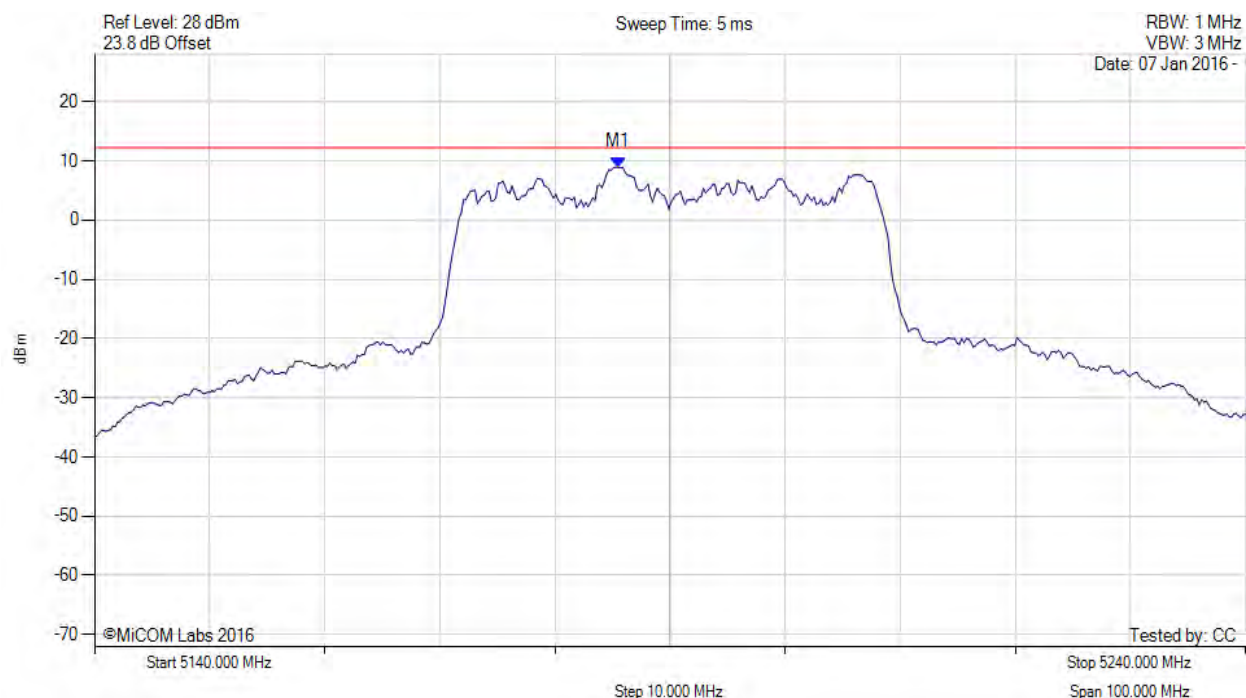


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POWER SPECTRAL DENSITY

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 : 5185.491 MHz : 8.934 dBm	Limit: ≤ 12.230 dBm

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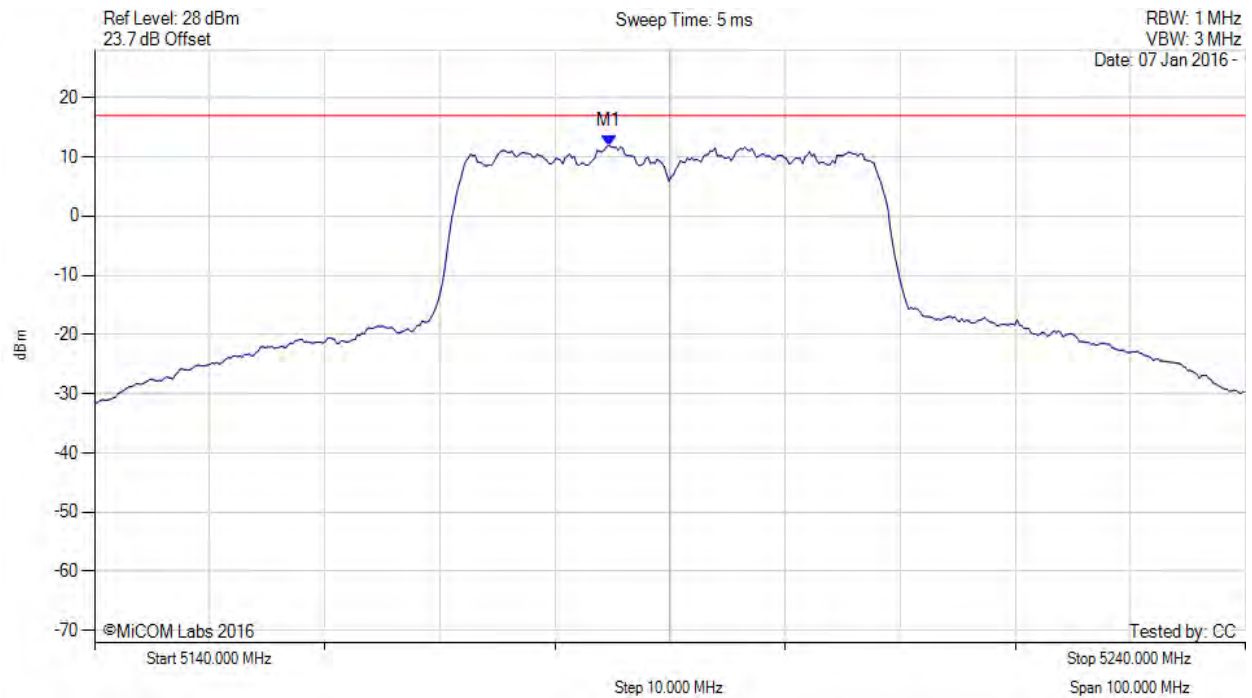


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POWER SPECTRAL DENSITY

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 : 5184.700 MHz : 11.923 dBm M1 + DCCF : 5184.700 MHz : 12.629 dBm Duty Cycle Correction Factor : +0.71 dB	Limit: ≤ 17.0 dBm Margin: -4.3 dB

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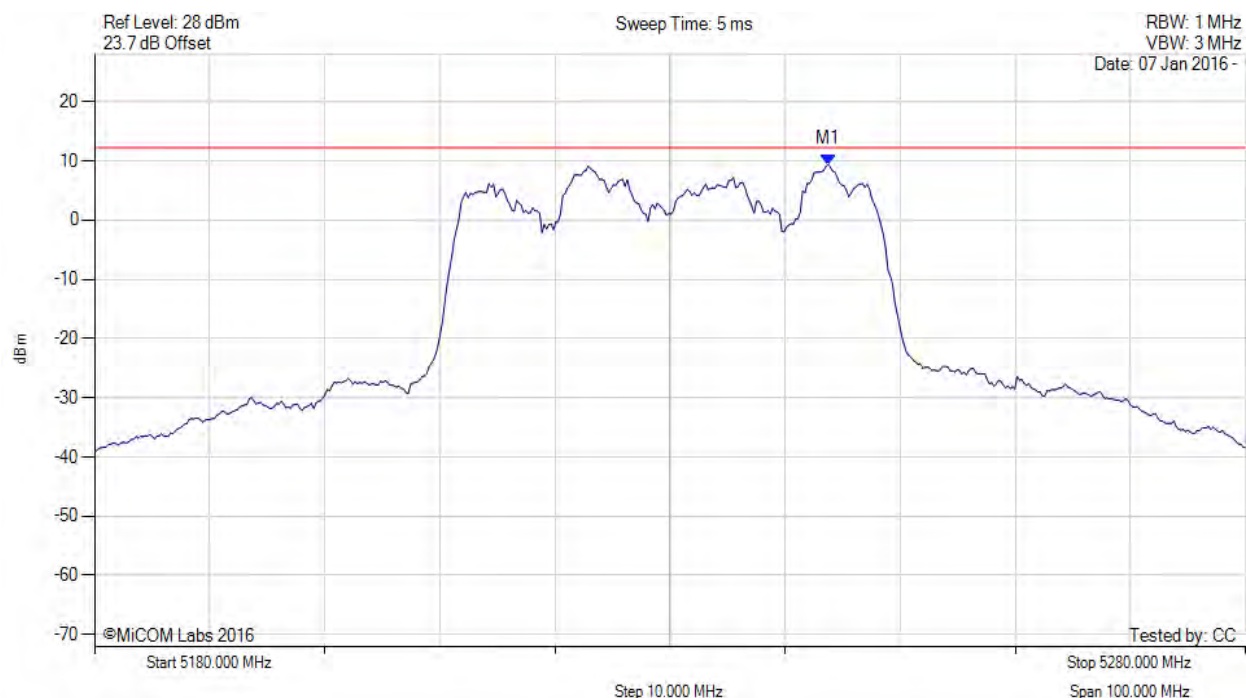


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POWER SPECTRAL DENSITY

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 : 5243.727 MHz : 9.395 dBm	Limit: ≤ 12.230 dBm

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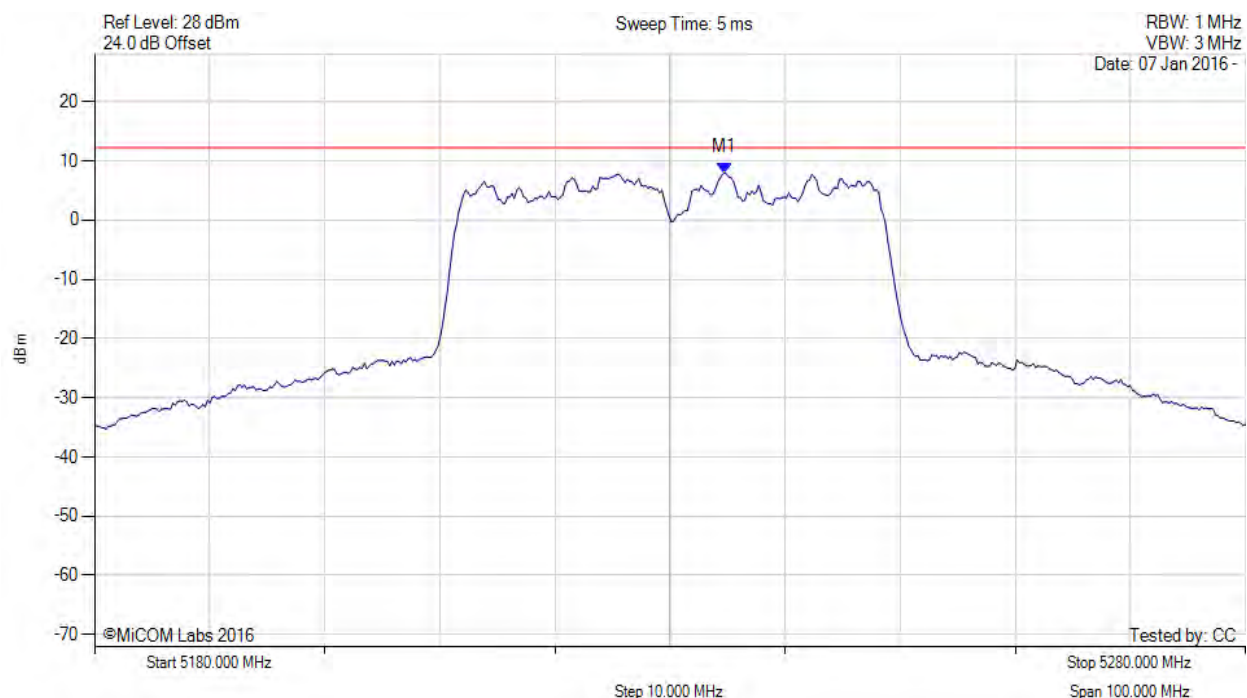


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POWER SPECTRAL DENSITY

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 : 5234.709 MHz : 7.998 dBm	Limit: ≤ 12.230 dBm

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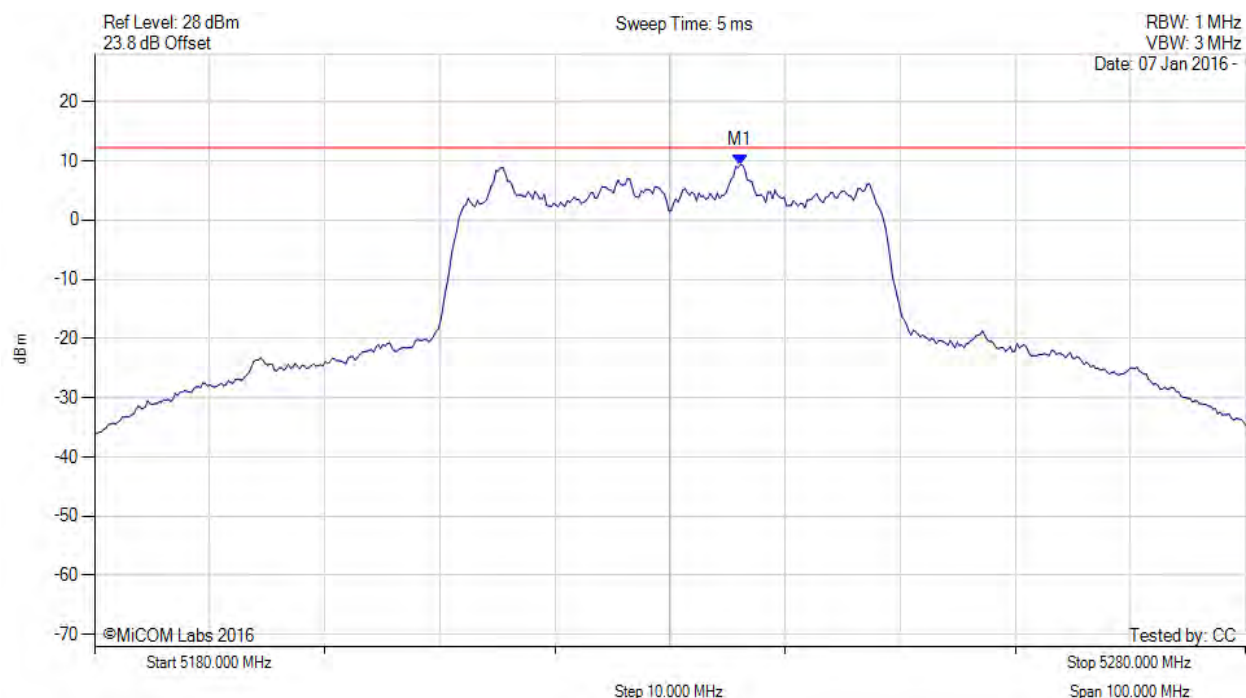


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POWER SPECTRAL DENSITY

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 : 5236.112 MHz : 9.359 dBm	Limit: ≤ 12.230 dBm

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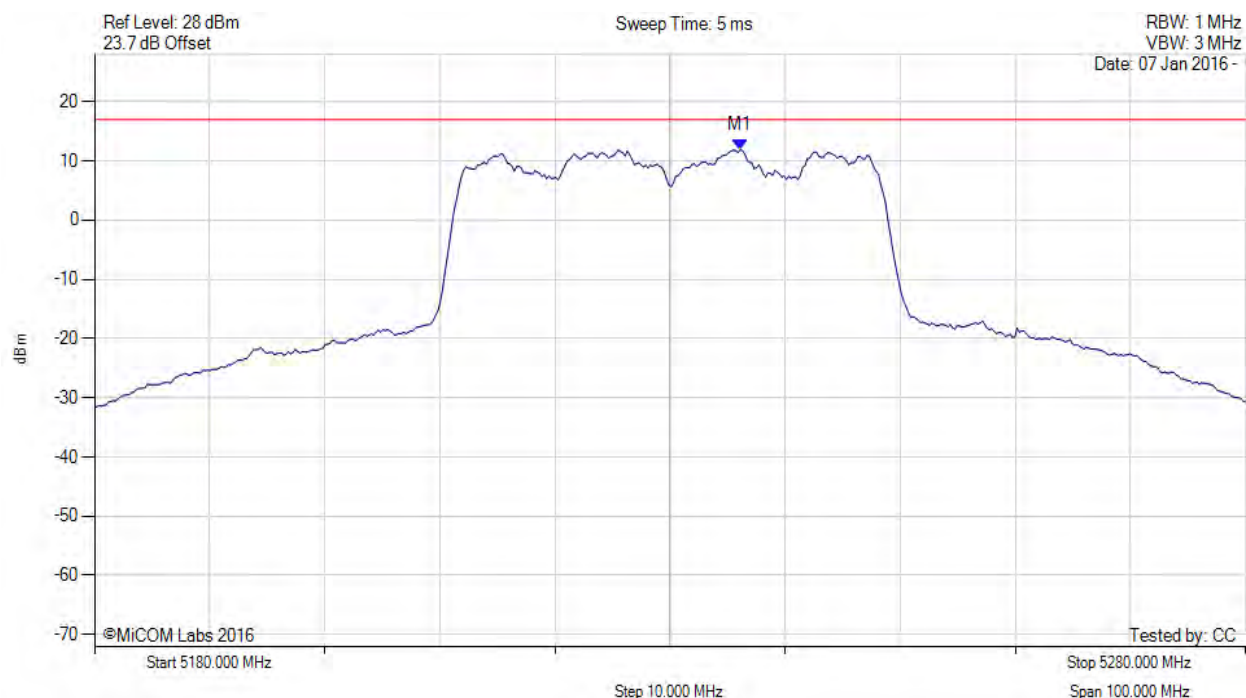


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POWER SPECTRAL DENSITY

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 : 5236.100 MHz : 11.848 dBm M1 + DCCF : 5236.100 MHz : 12.554 dBm Duty Cycle Correction Factor : +0.71 dB	Limit: ≤ 17.0 dBm Margin: -4.4 dB

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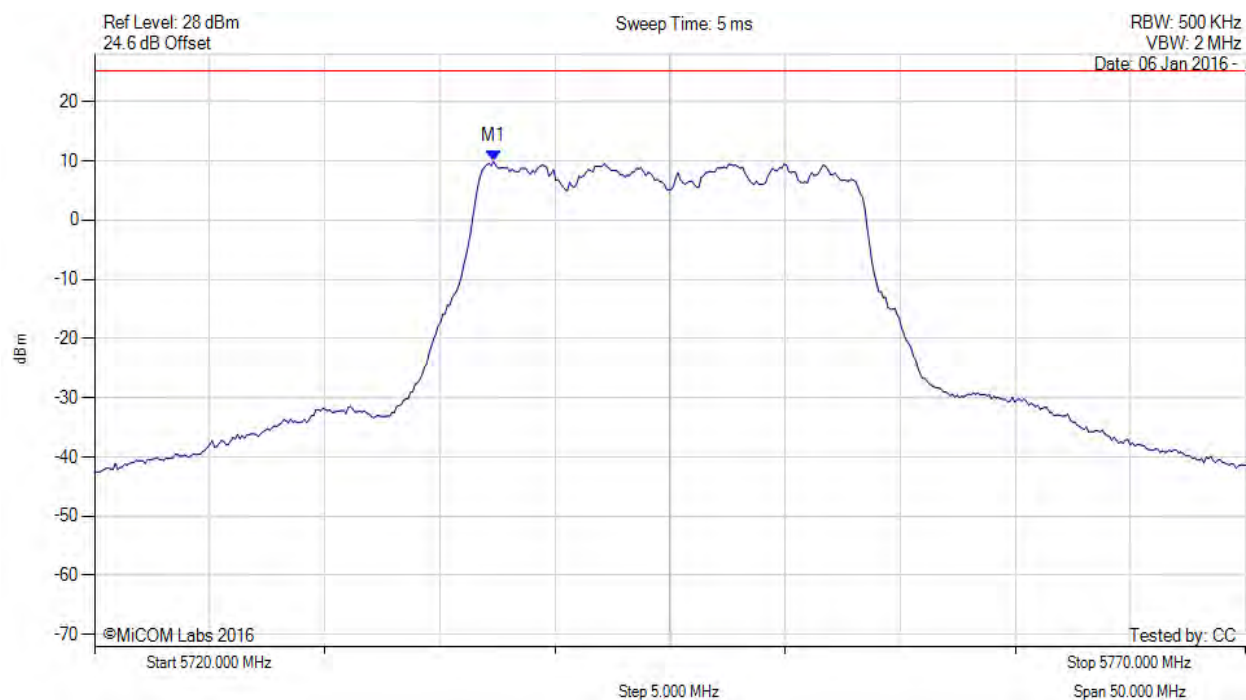


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POWER SPECTRAL DENSITY

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 : 5737.335 MHz : 9.881 dBm	Limit: ≤ 25.230 dBm

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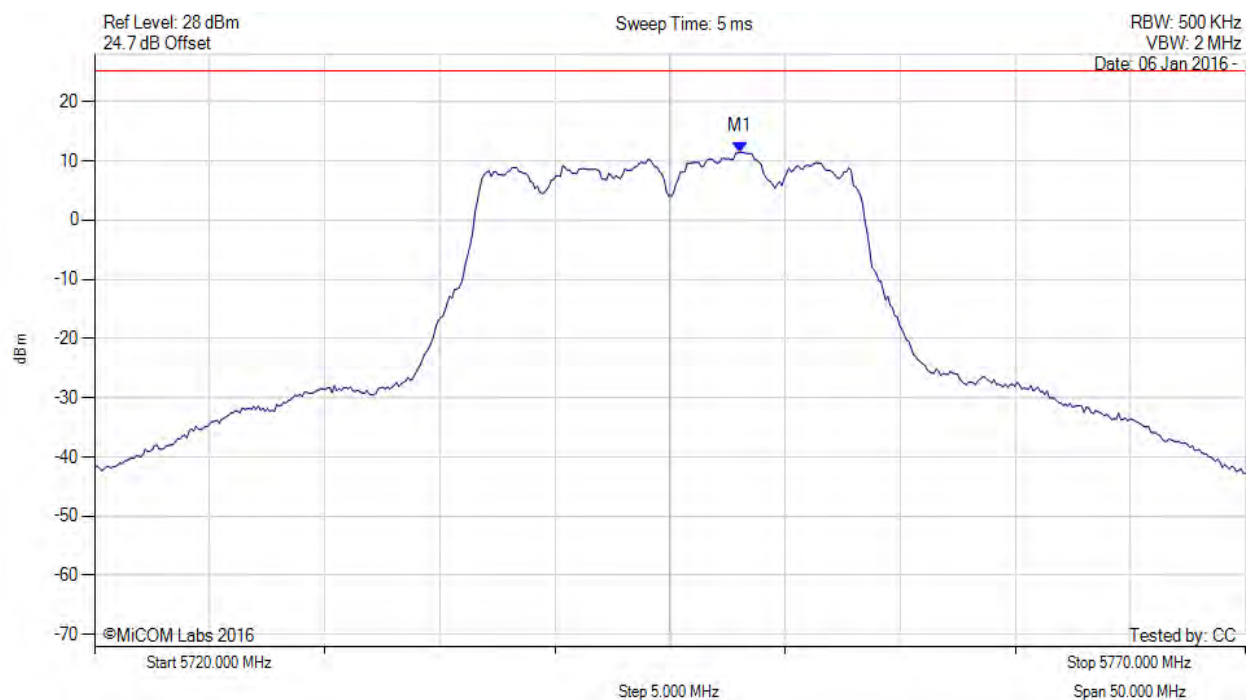


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POWER SPECTRAL DENSITY

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 : 5748.056 MHz : 11.485 dBm	Limit: ≤ 25.230 dBm

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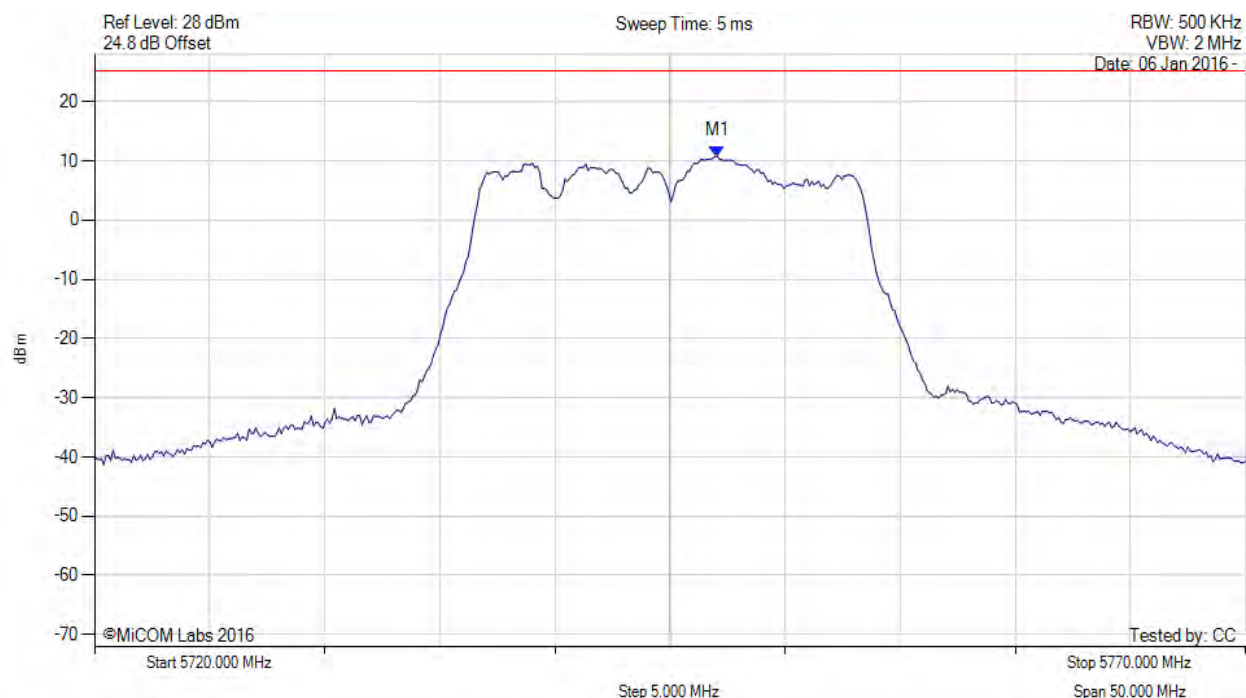


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POWER SPECTRAL DENSITY

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 : 5747.054 MHz : 10.799 dBm	Limit: ≤ 25.230 dBm

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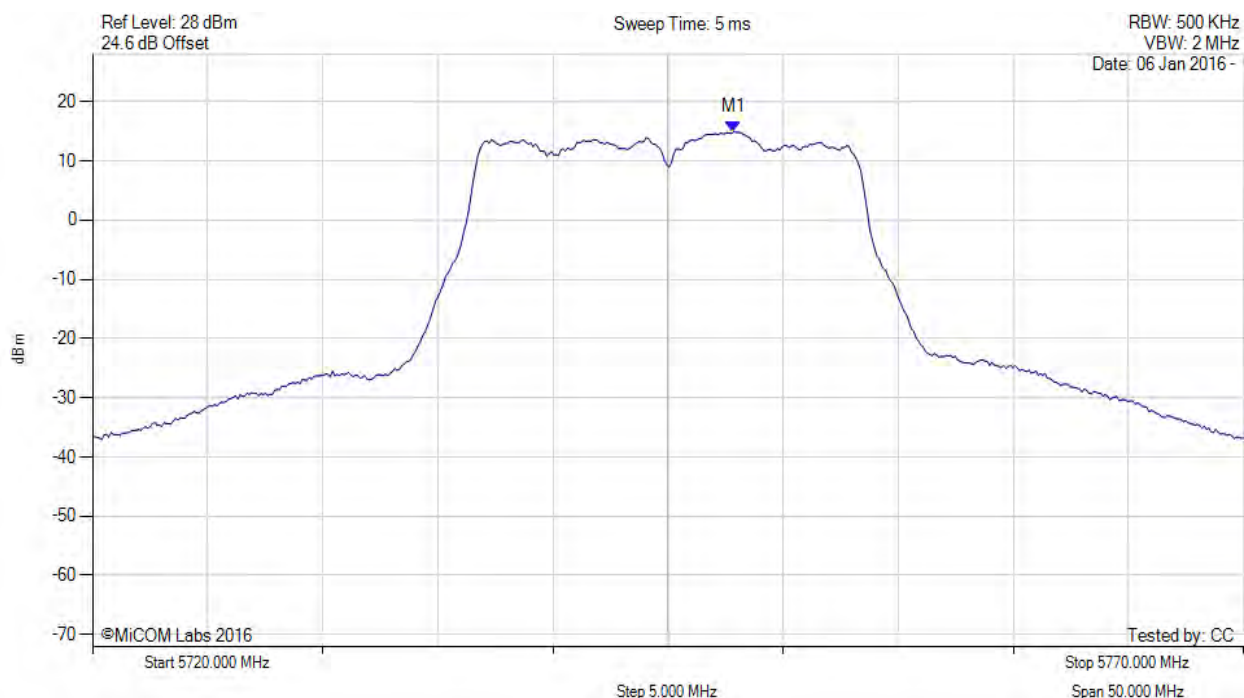


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POWER SPECTRAL DENSITY

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 : 5747.900 MHz : 14.888 dBm M1 + DCCF : 5747.900 MHz : 15.157 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -14.8 dB

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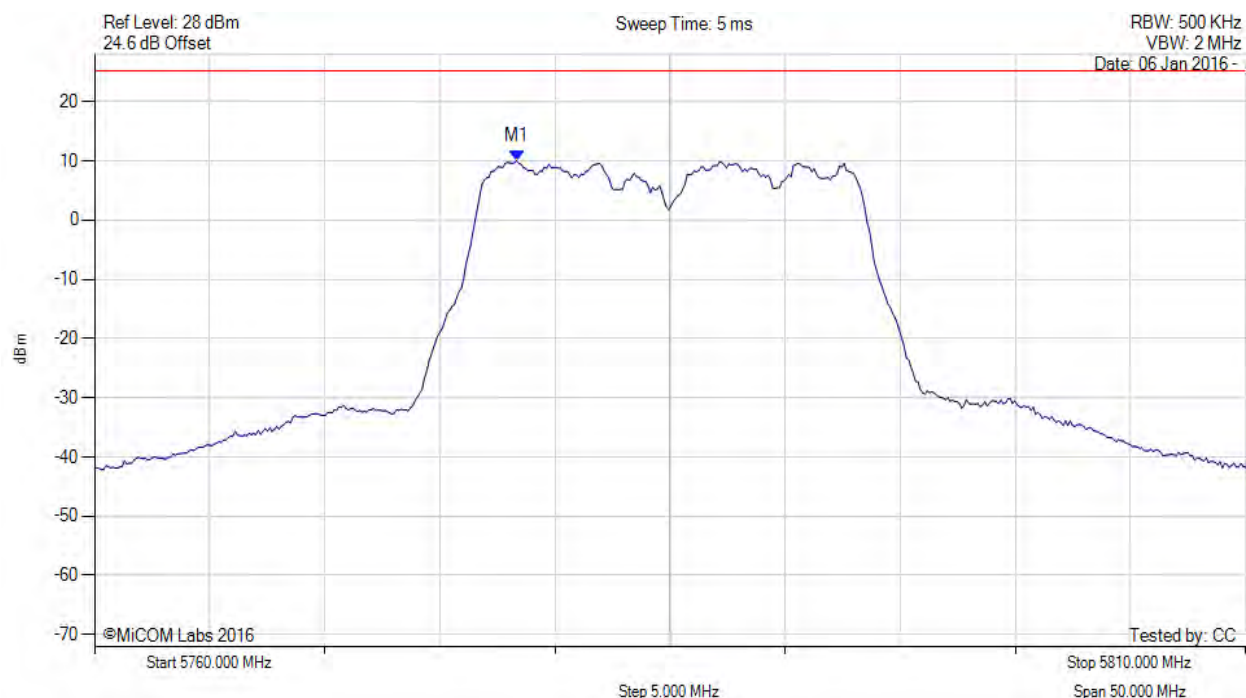


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POWER SPECTRAL DENSITY

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 : 5778.337 MHz : 9.977 dBm	Limit: ≤ 25.230 dBm

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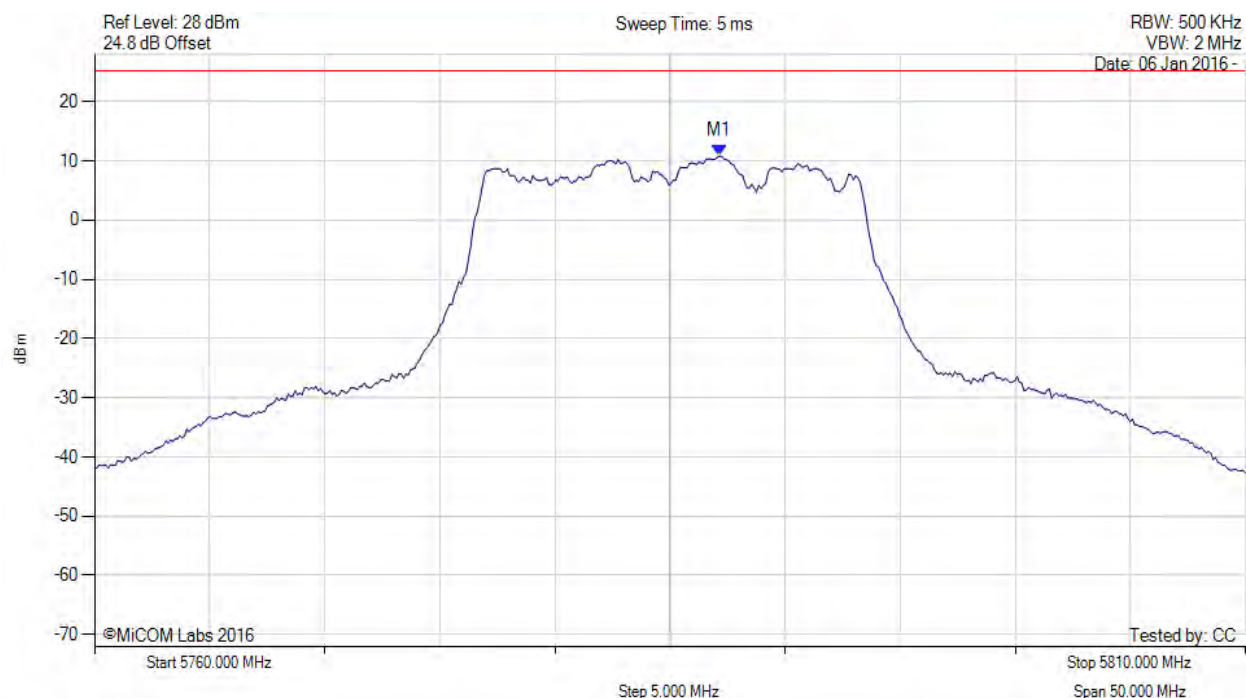


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POWER SPECTRAL DENSITY

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 : 5787.154 MHz : 10.816 dBm	Channel Frequency: 5785.00 MHz

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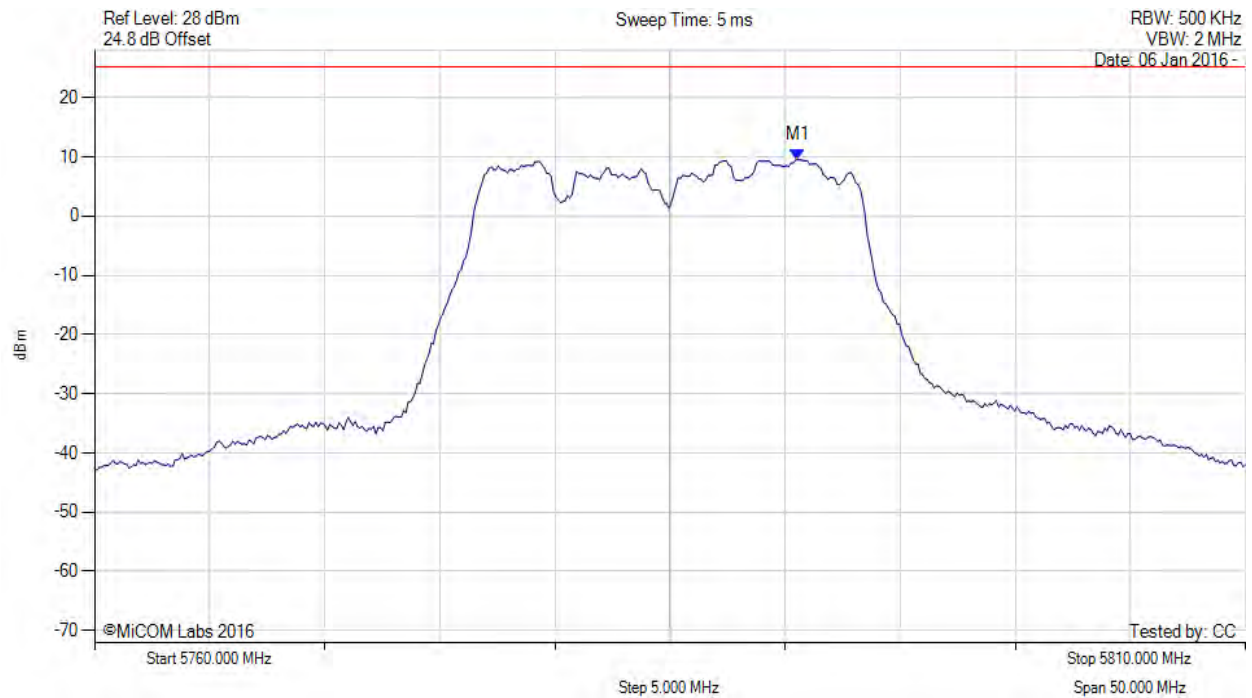


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POWER SPECTRAL DENSITY

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 : 5790.561 MHz : 9.537 dBm	Limit: ≤ 25.230 dBm

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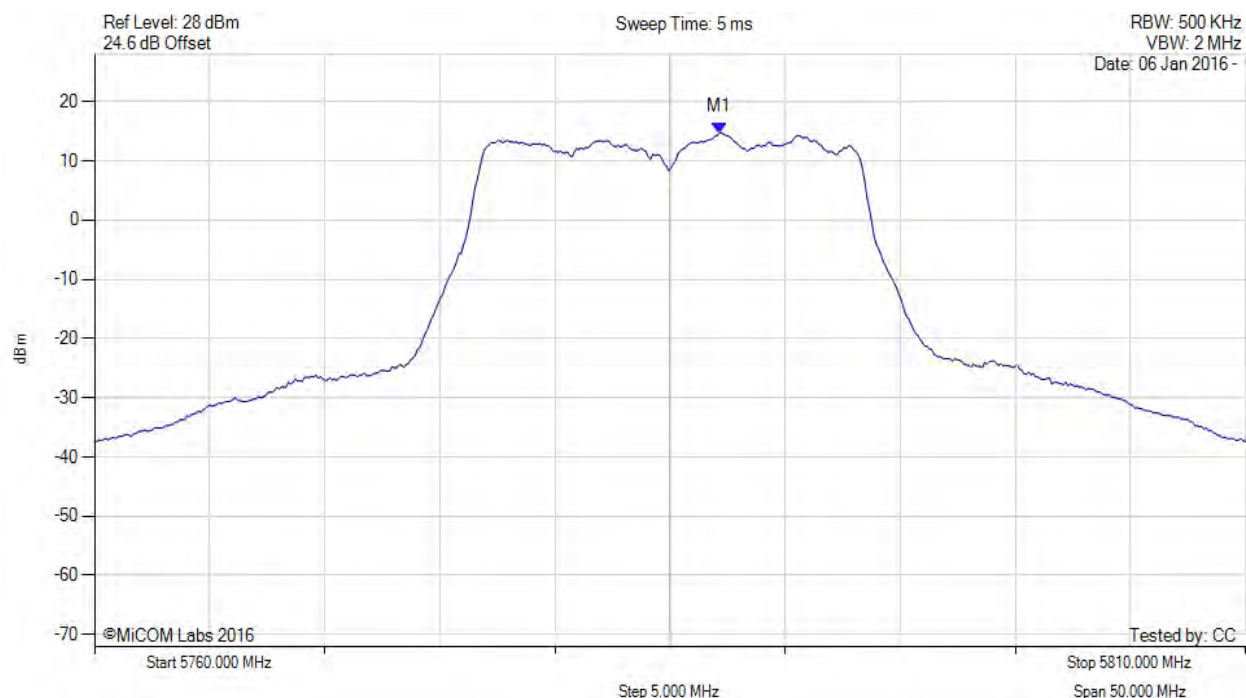


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POWER SPECTRAL DENSITY

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 : 5787.200 MHz : 14.768 dBm M1 + DCCF : 5787.200 MHz : 15.037 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -14.9 dB

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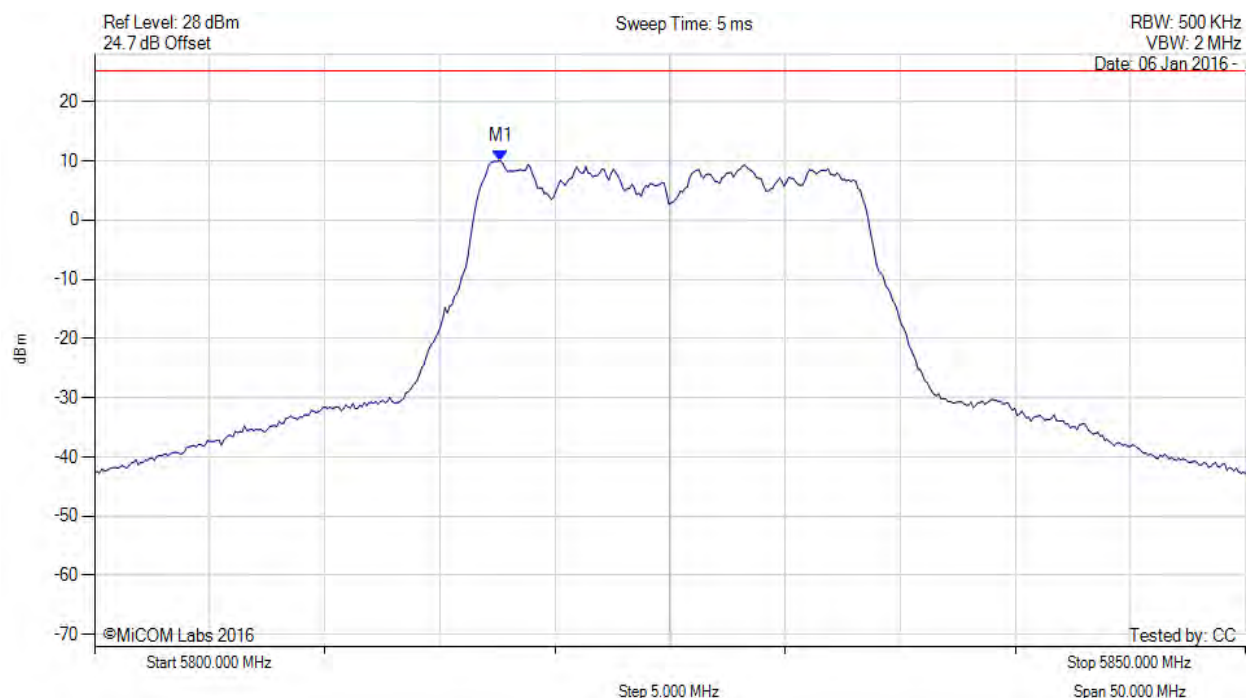


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POWER SPECTRAL DENSITY

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 : 5817.635 MHz : 10.018 dBm	Limit: ≤ 25.230 dBm

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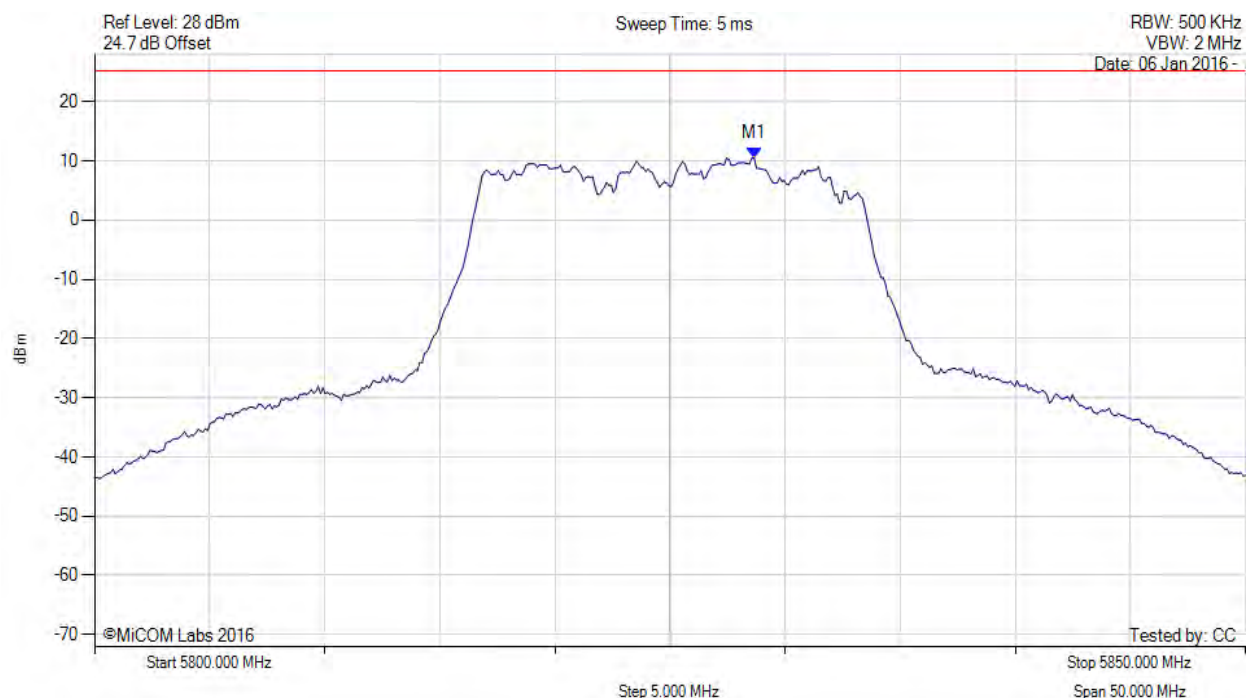


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POWER SPECTRAL DENSITY

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 : 5828.657 MHz : 10.538 dBm	Limit: ≤ 25.230 dBm

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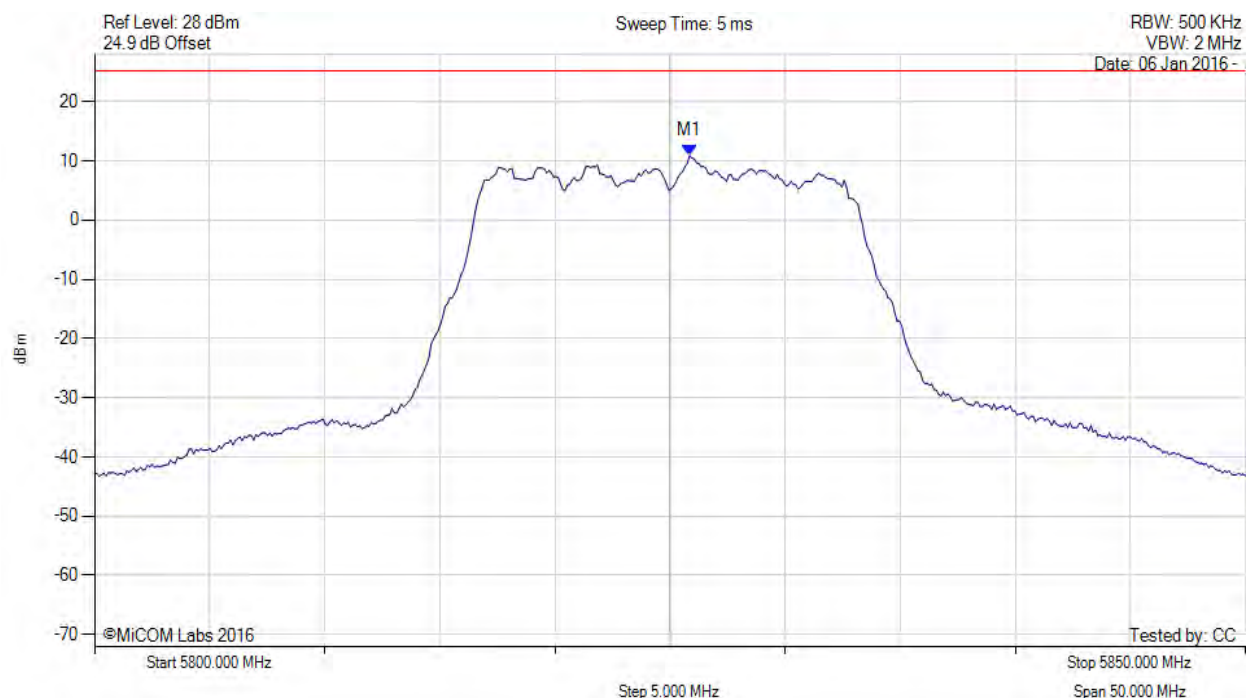


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POWER SPECTRAL DENSITY

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 : 5825.852 MHz : 10.907 dBm	Limit: ≤ 25.230 dBm

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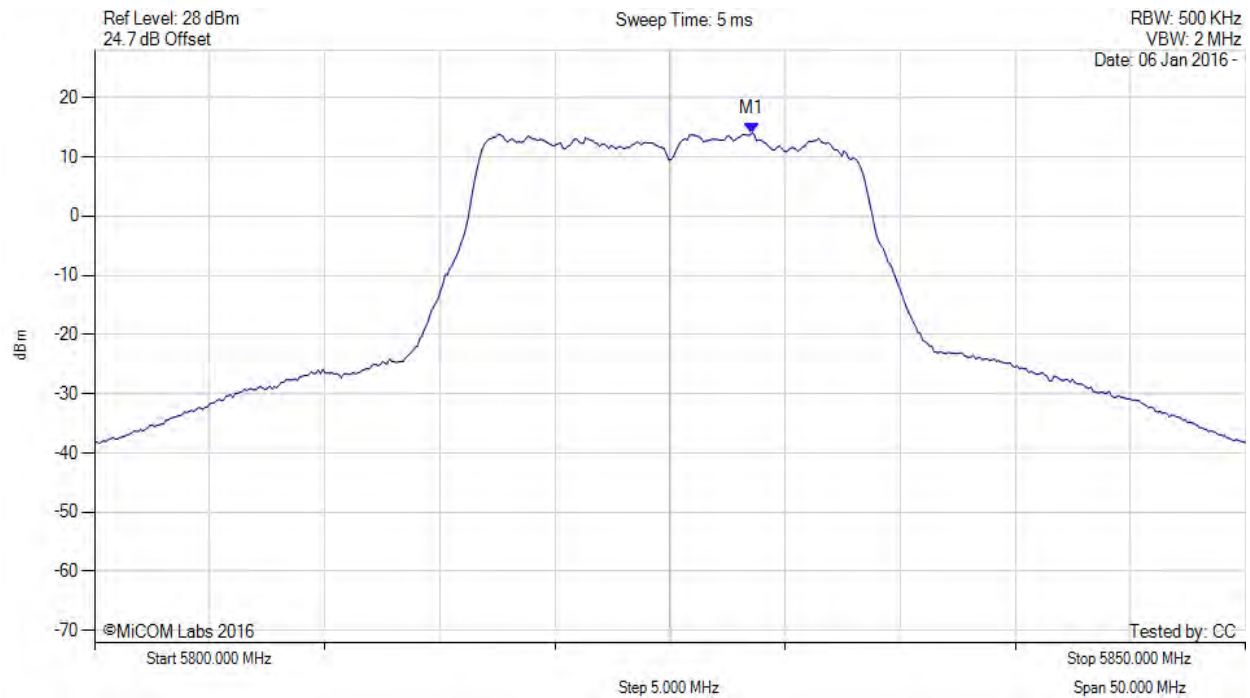


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POWER SPECTRAL DENSITY

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 : 5828.600 MHz : 13.991 dBm M1 + DCCF : 5828.600 MHz : 14.260 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -15.7 dB

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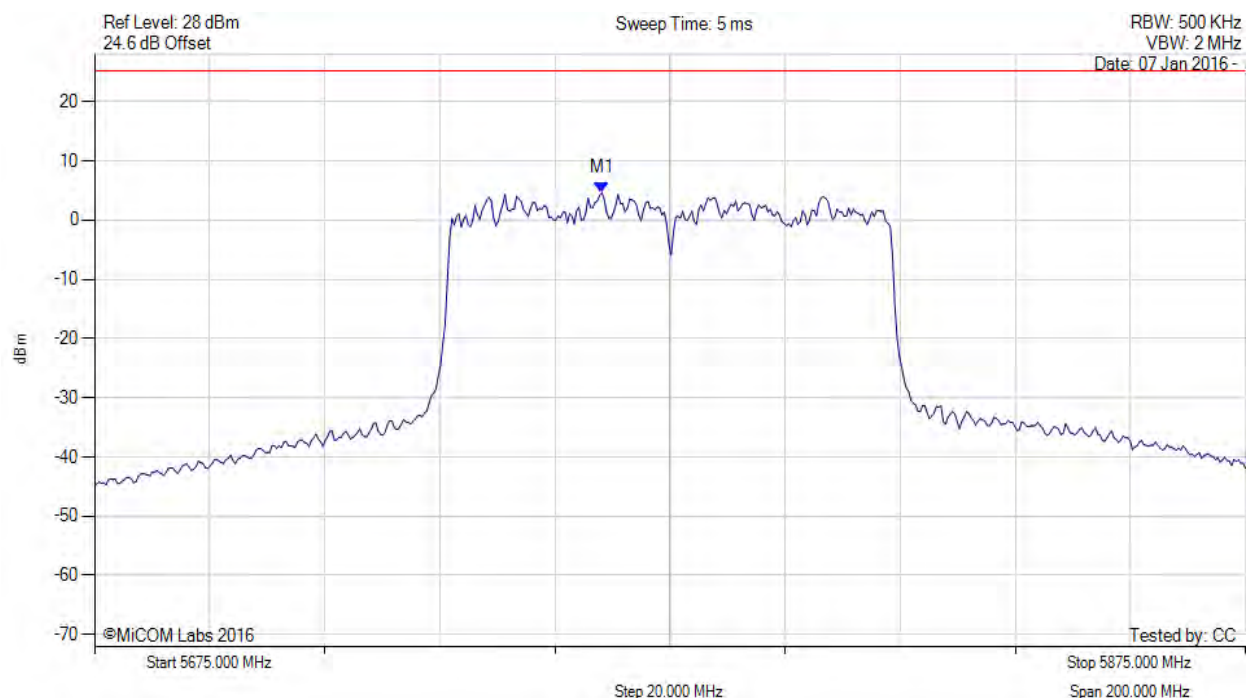


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POWER SPECTRAL DENSITY

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 : 5763.176 MHz : 4.622 dBm	Limit: ≤ 25.230 dBm

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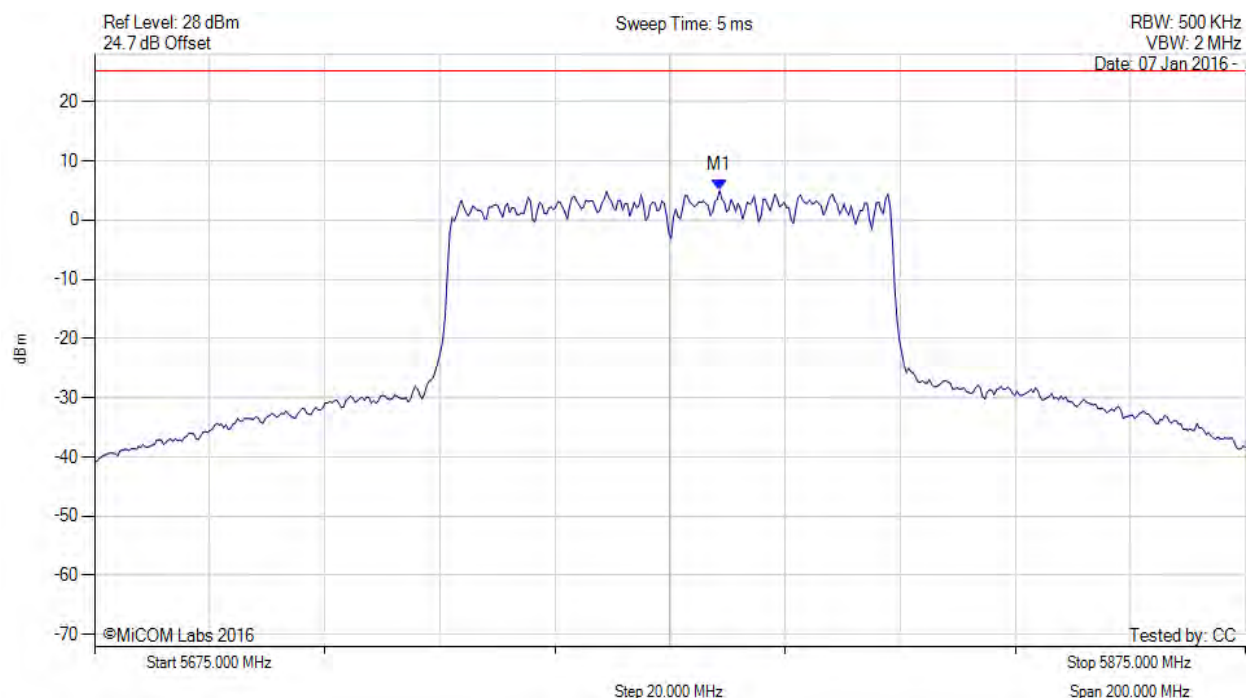


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POWER SPECTRAL DENSITY

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 : 5783.617 MHz : 4.994 dBm	Limit: ≤ 25.230 dBm

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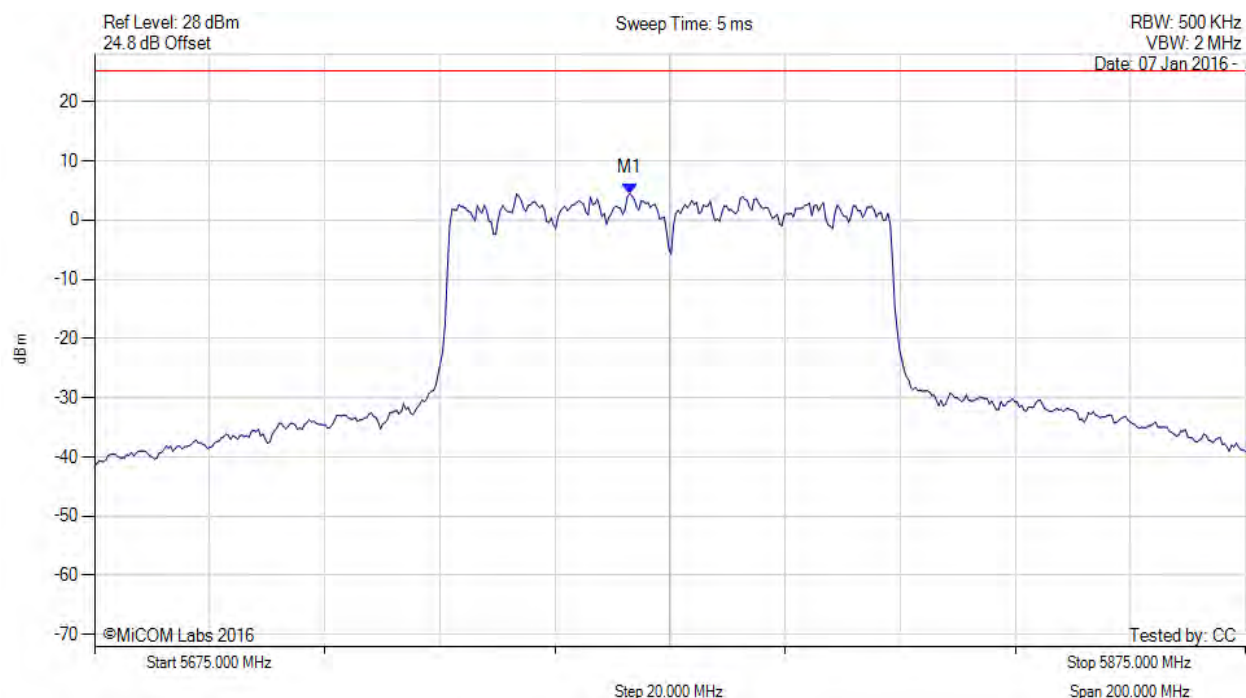


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POWER SPECTRAL DENSITY

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 : 4.492 dBm	Limit: ≤ 25.230 dBm

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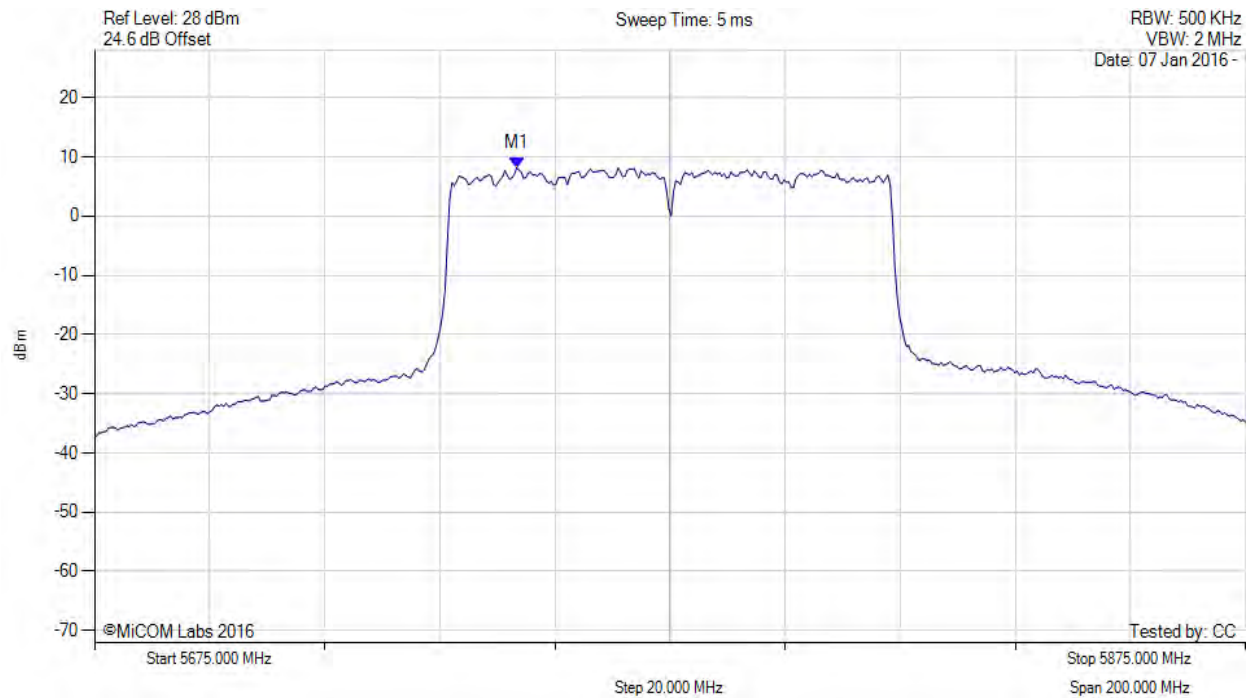


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POWER SPECTRAL DENSITY

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 : 5748.300 MHz : 8.168 dBm M1 + DCCF : 5748.300 MHz : 8.874 dBm Duty Cycle Correction Factor : +0.71 dB	Limit: ≤ 30.0 dBm Margin: -21.1 dB

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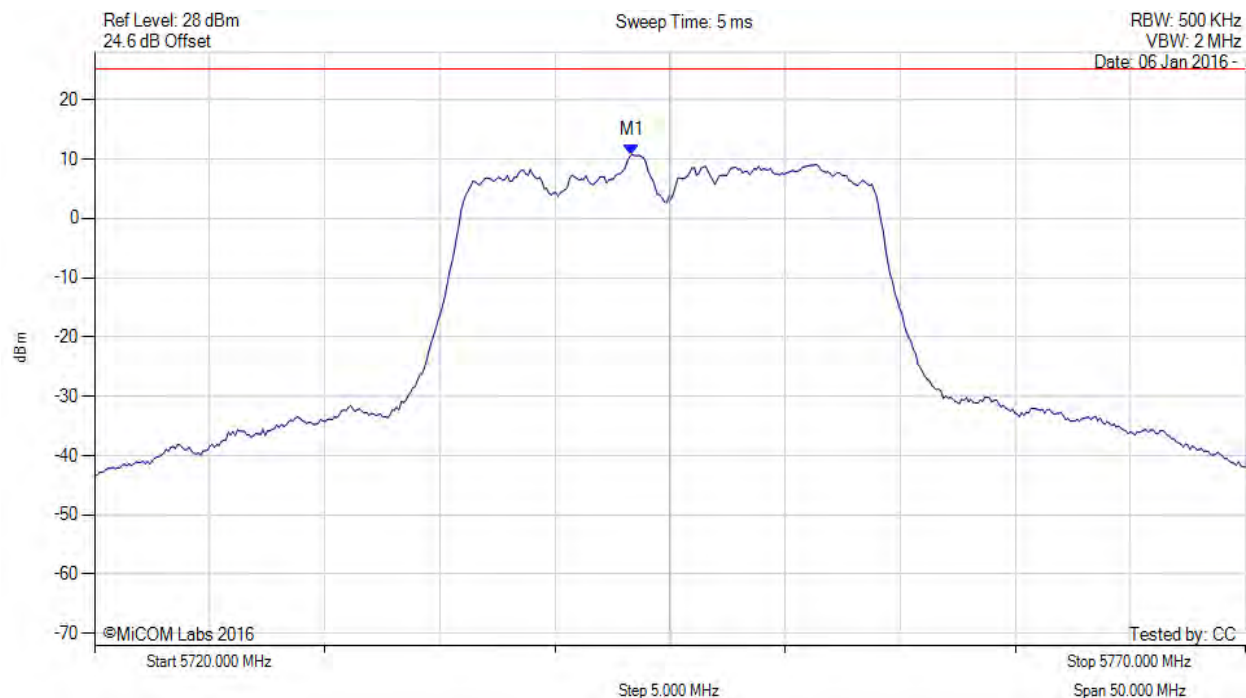


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POWER SPECTRAL DENSITY

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 : 5743.347 MHz : 10.775 dBm	Limit: ≤ 25.230 dBm

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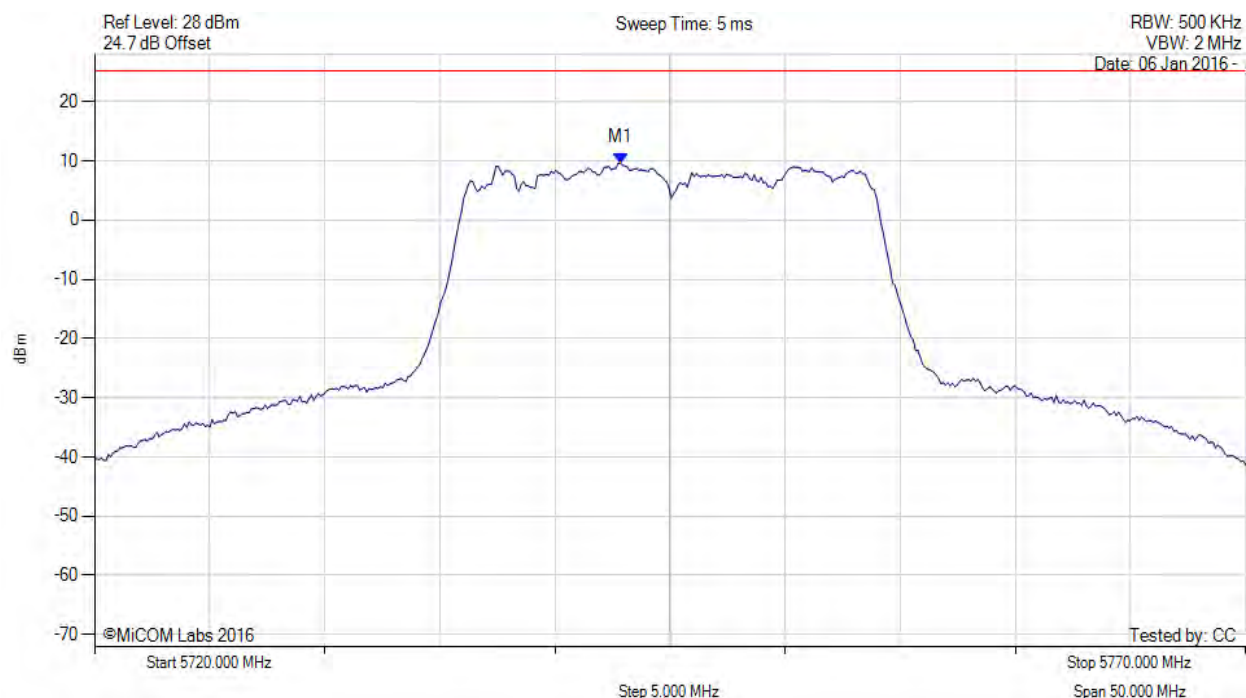


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POWER SPECTRAL DENSITY

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 : 5742.846 MHz : 9.634 dBm	Limit: ≤ 25.230 dBm

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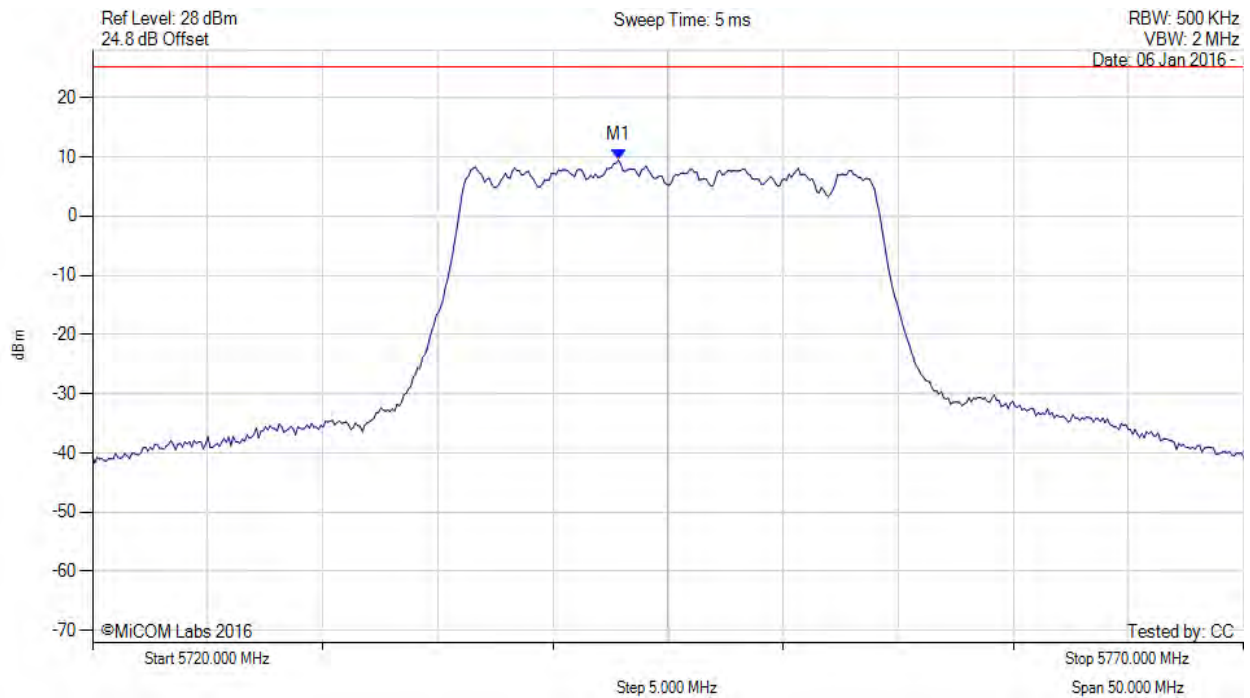


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POWER SPECTRAL DENSITY

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 : 5742.846 MHz : 9.450 dBm	Limit: ≤ 25.230 dBm

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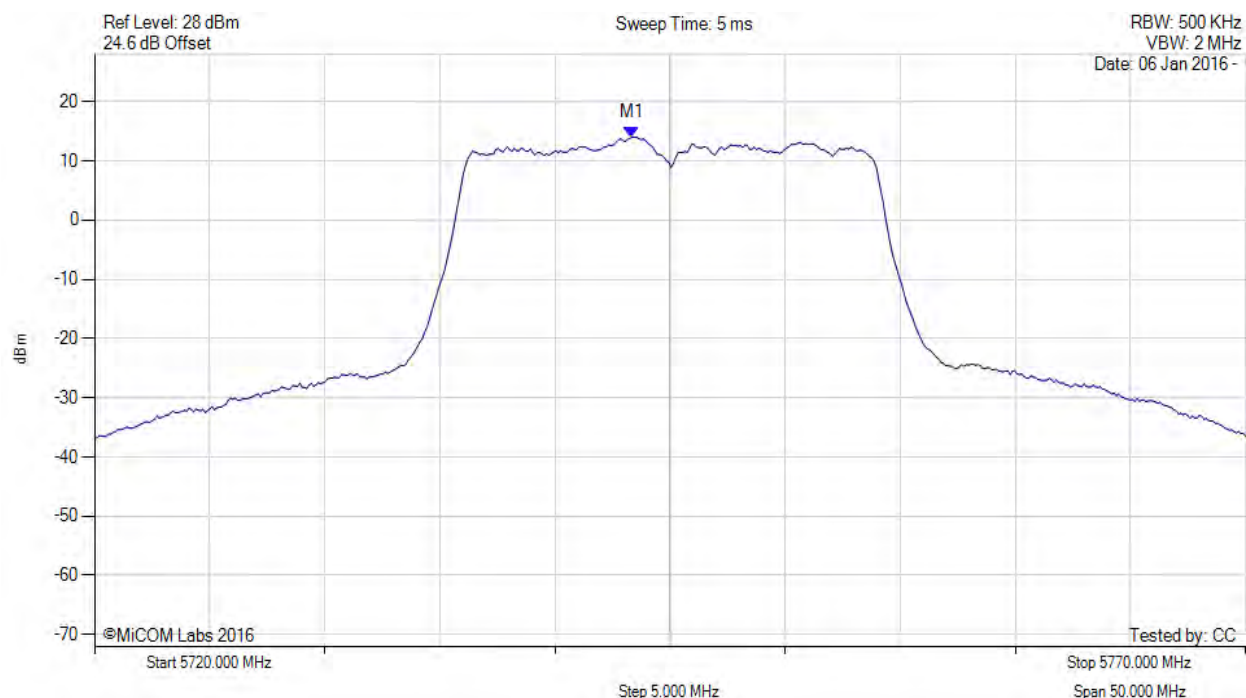


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POWER SPECTRAL DENSITY

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 : 5743.300 MHz : 14.034 dBm M1 + DCCF : 5743.300 MHz : 14.303 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -15.7 dB

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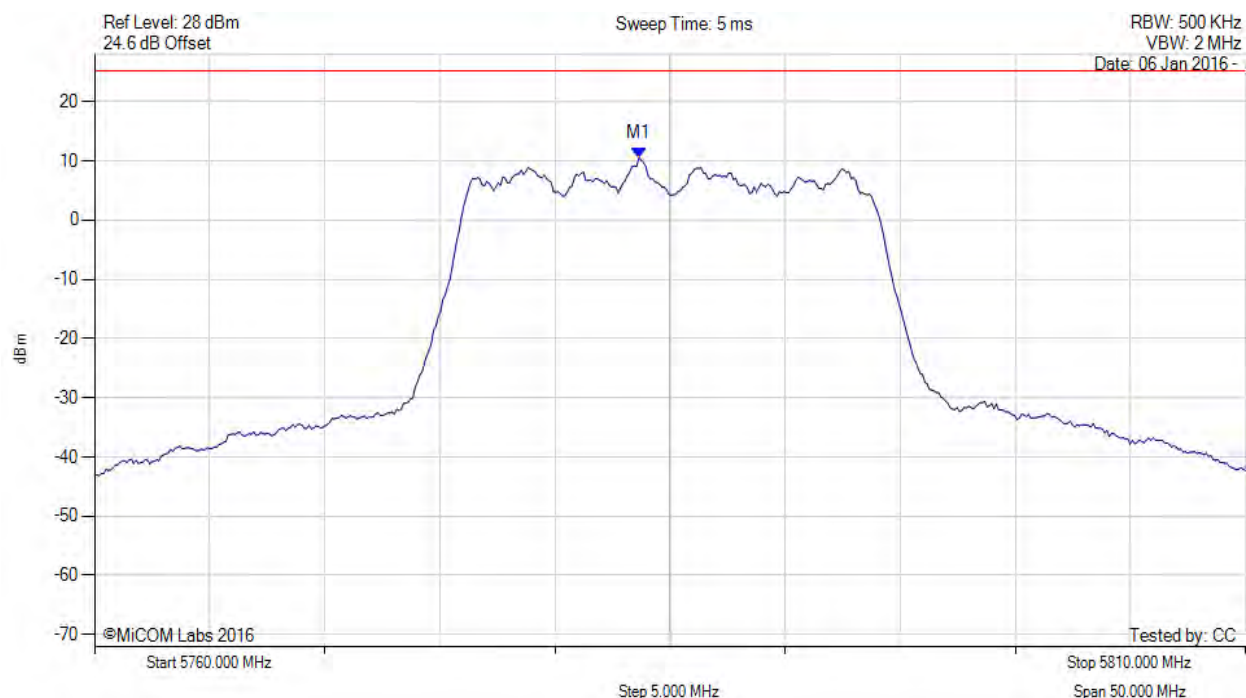


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POWER SPECTRAL DENSITY

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 : 5783.647 MHz : 10.510 dBm	Limit: ≤ 25.230 dBm

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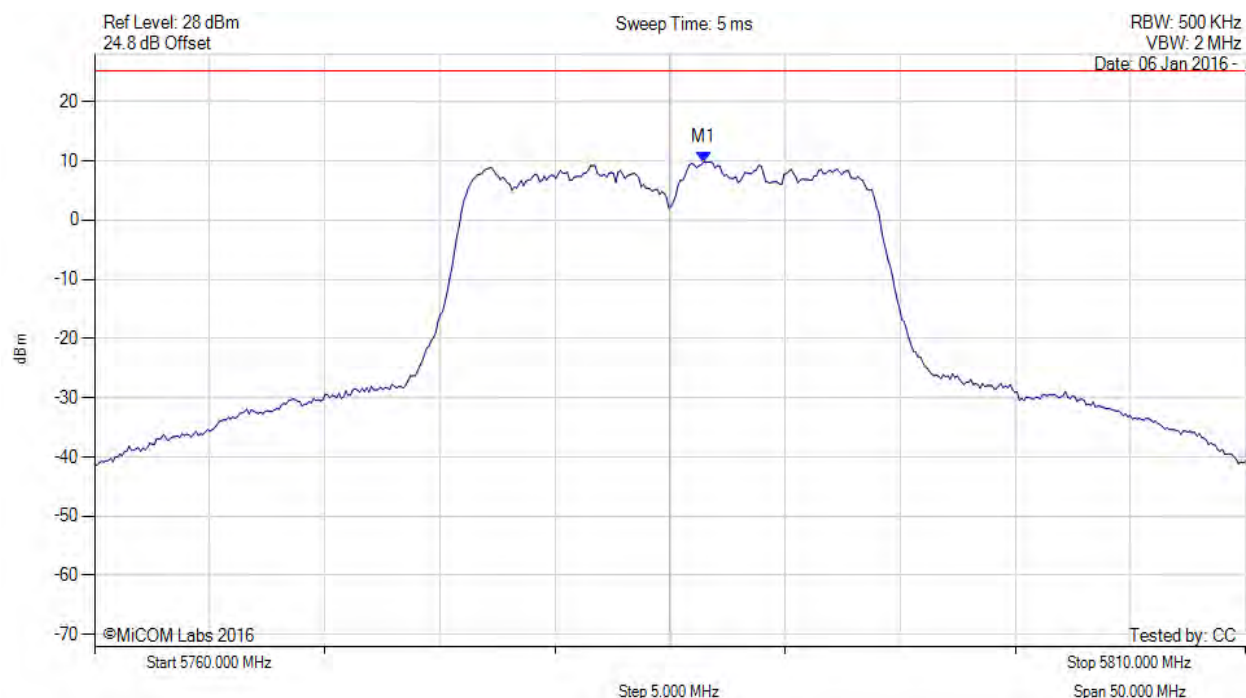


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POWER SPECTRAL DENSITY

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 : 5786.453 MHz : 9.838 dBm	Channel Frequency: 5785.00 MHz

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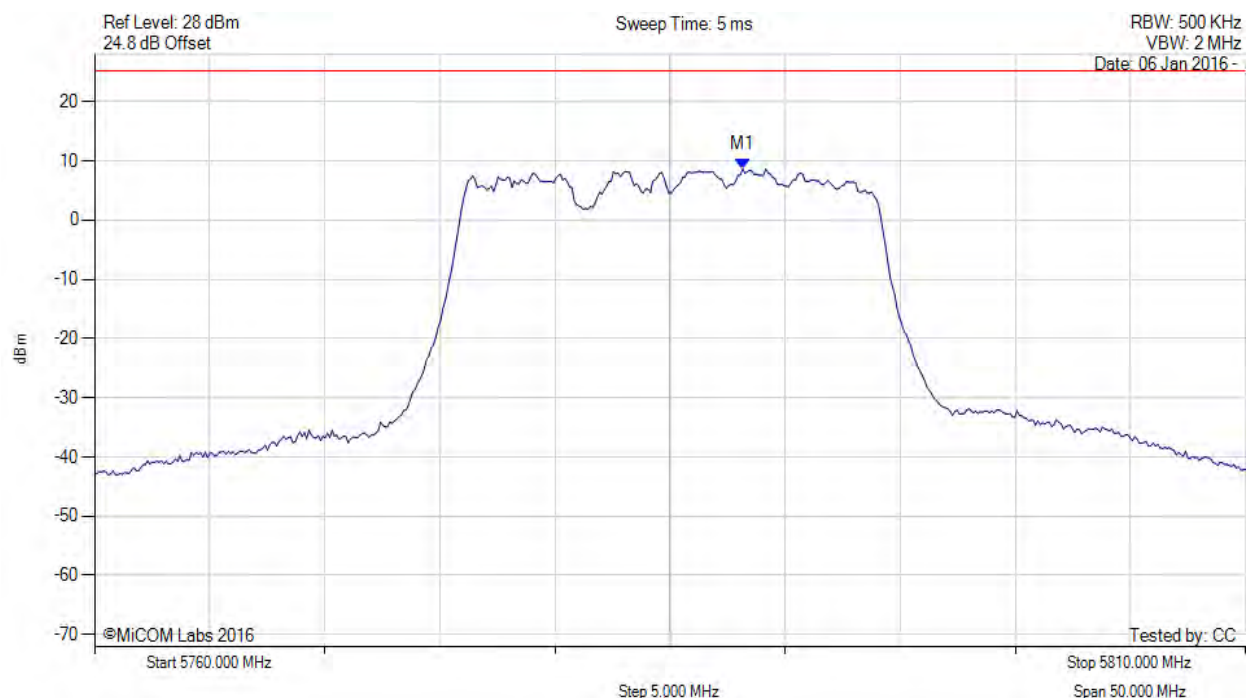


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POWER SPECTRAL DENSITY

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 : 5788.156 MHz : 8.622 dBm	Limit: ≤ 25.230 dBm

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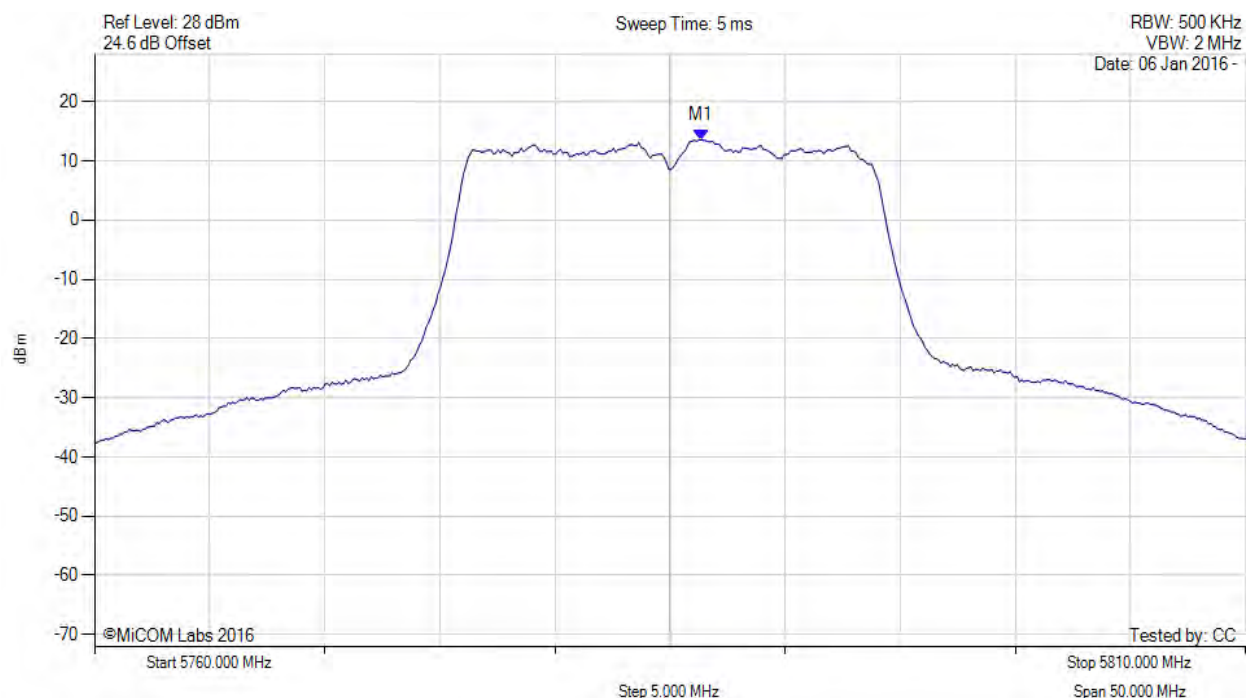


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POWER SPECTRAL DENSITY

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 : 5786.400 MHz : 13.558 dBm M1 + DCCF : 5786.400 MHz : 13.827 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -16.1 dB

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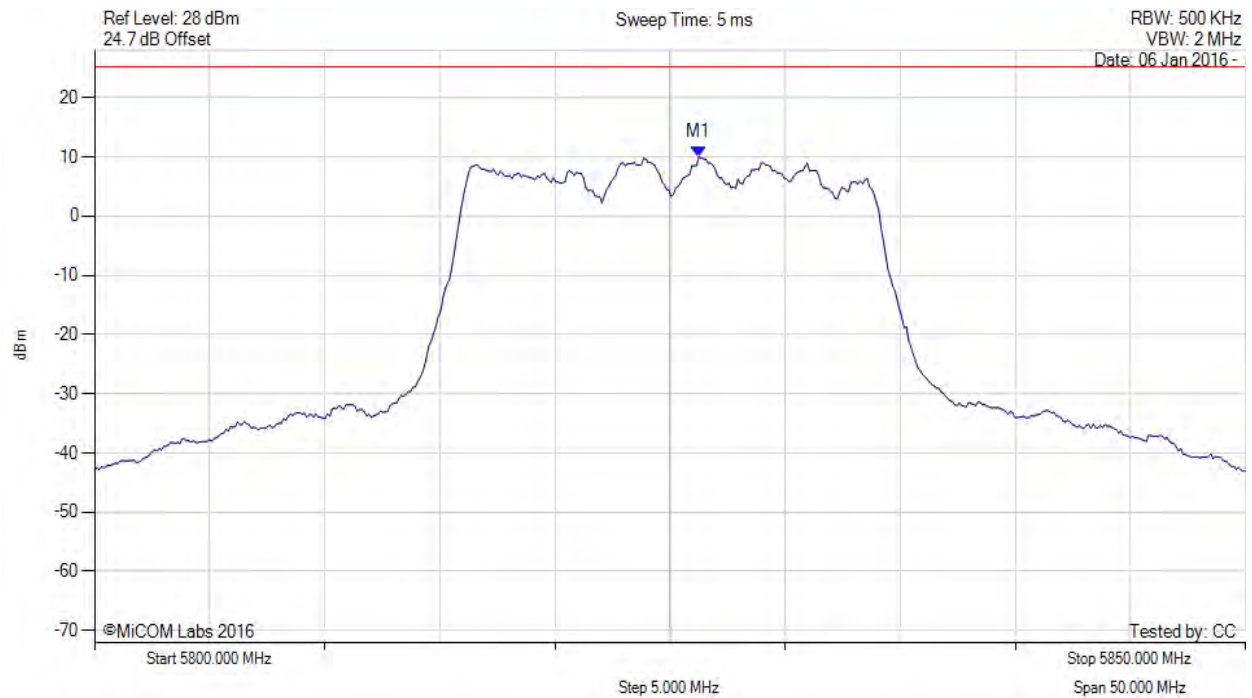


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POWER SPECTRAL DENSITY

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 : 5826.253 MHz : 9.950 dBm	Limit: ≤ 25.230 dBm

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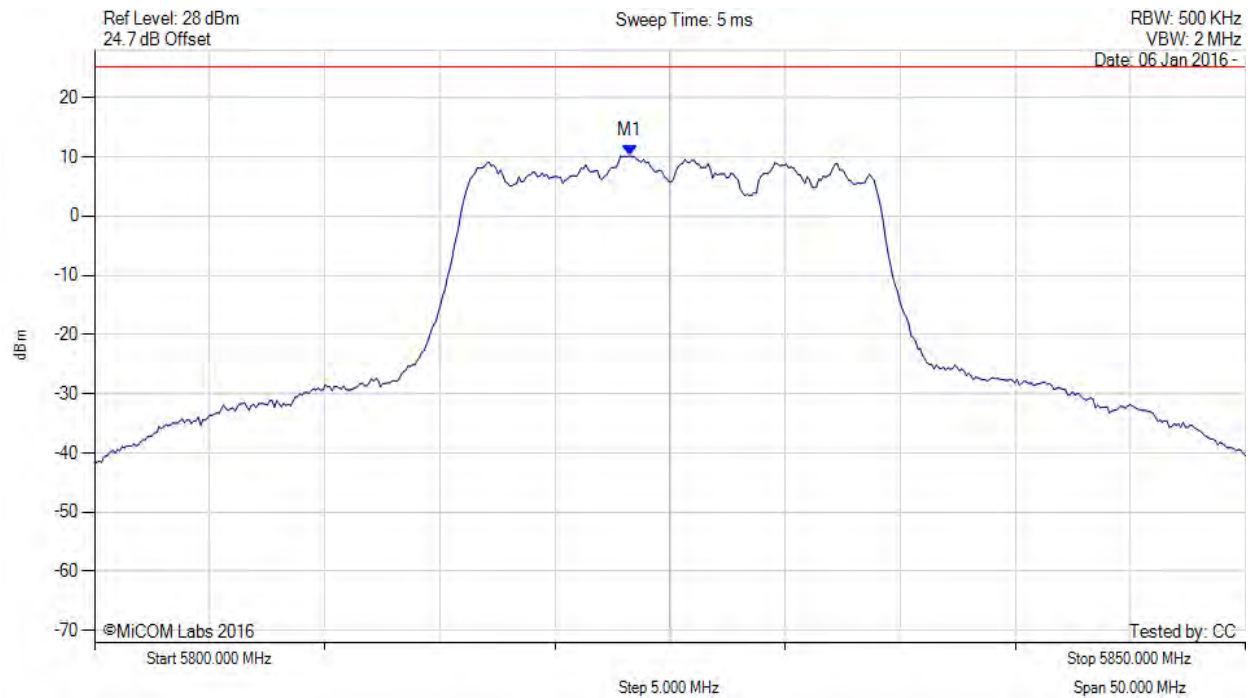


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POWER SPECTRAL DENSITY

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 : 5823.246 MHz : 10.142 dBm	Limit: ≤ 25.230 dBm

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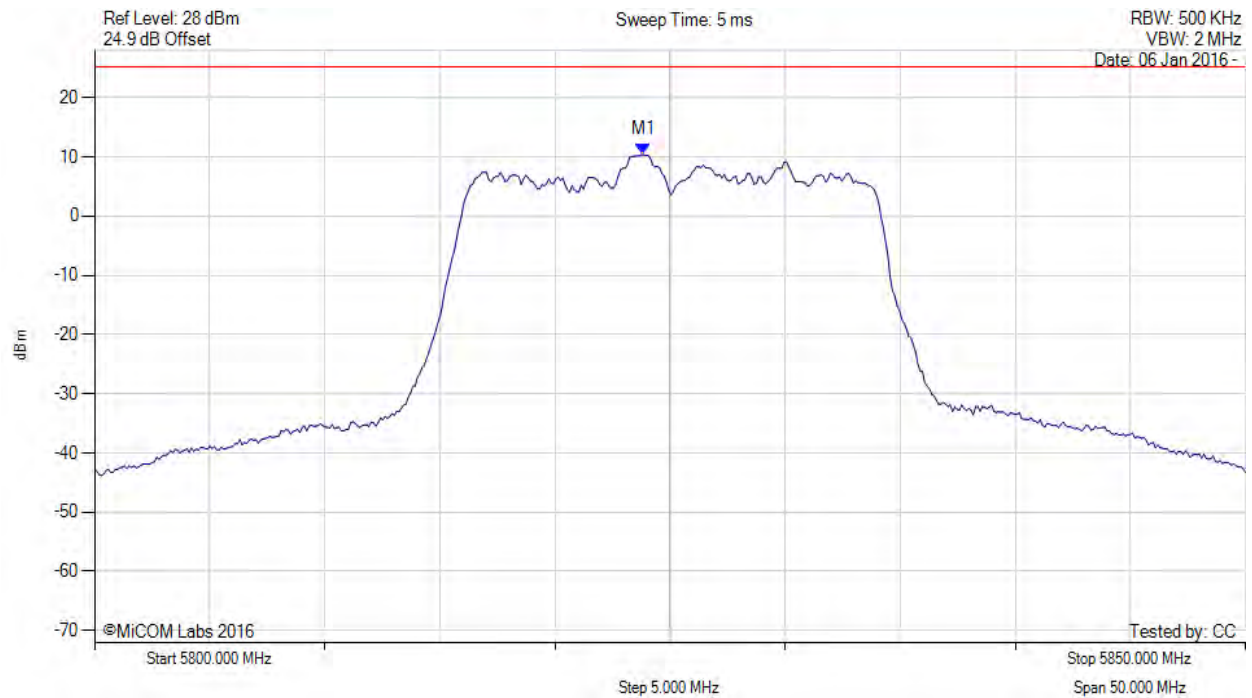


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POWER SPECTRAL DENSITY

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 : 5823.848 MHz : 10.399 dBm	Limit: ≤ 25.230 dBm

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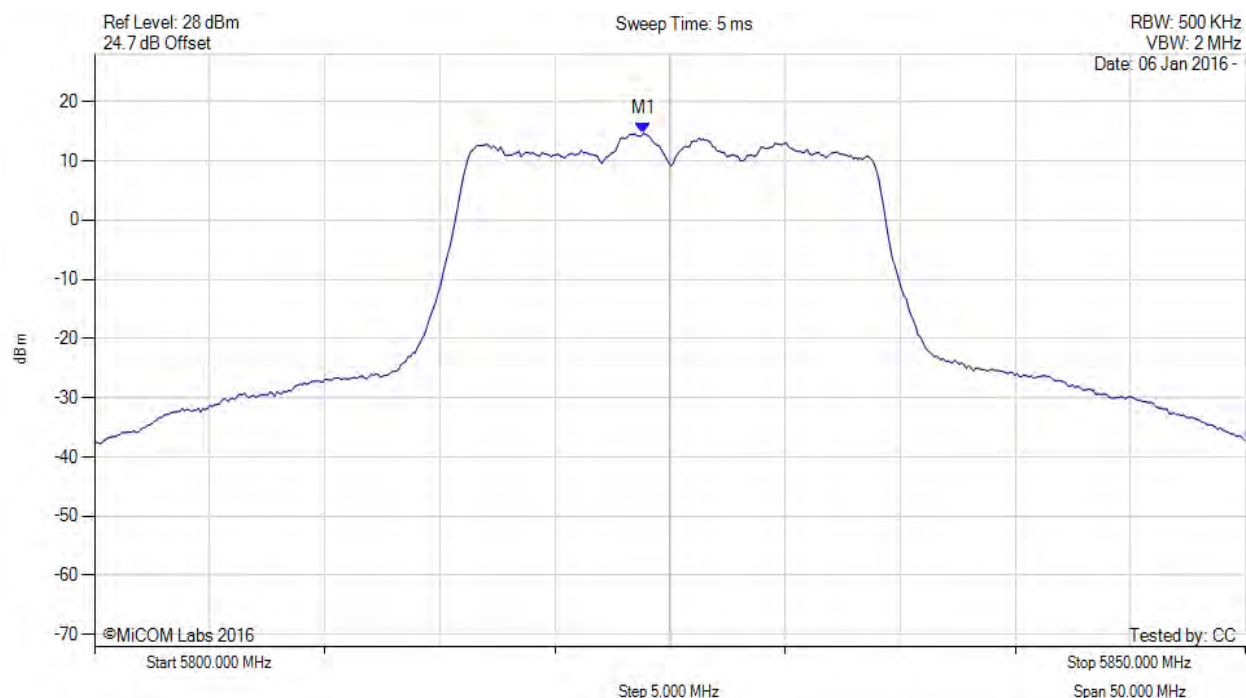


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POWER SPECTRAL DENSITY

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 : 5823.800 MHz : 14.674 dBm M1 + DCCF : 5823.800 MHz : 14.943 dBm Duty Cycle Correction Factor : +0.27 dB	Limit: ≤ 30.0 dBm Margin: -15.0 dB

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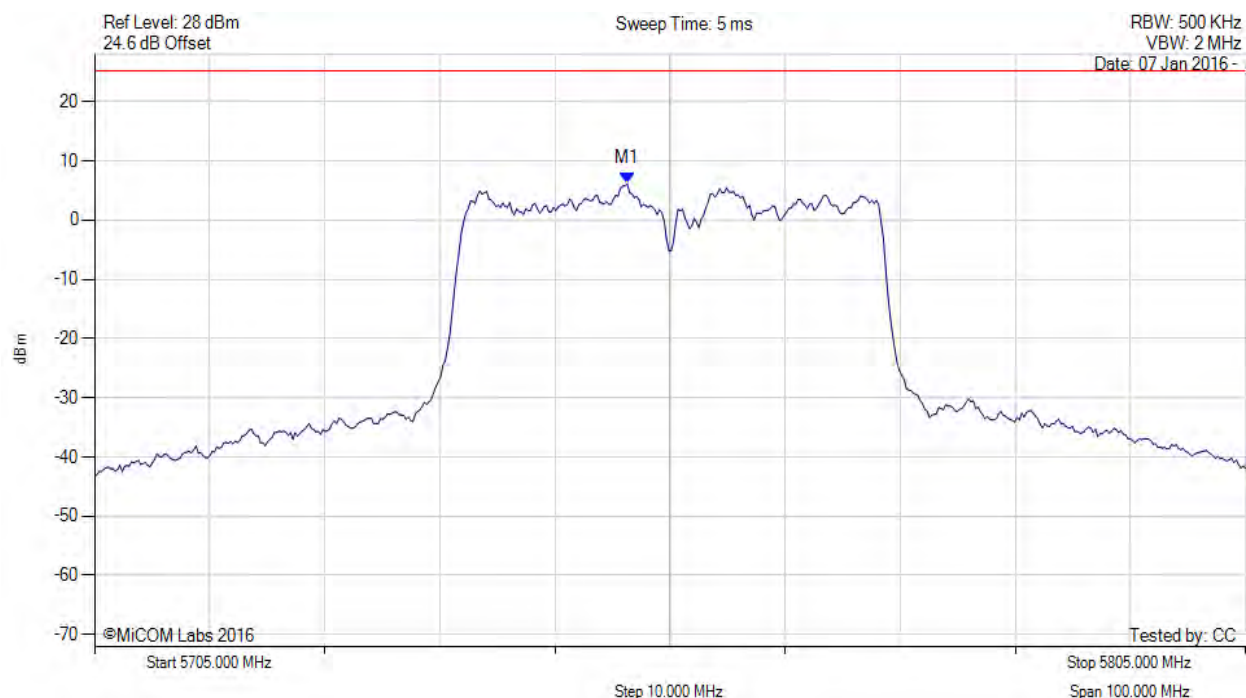


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POWER SPECTRAL DENSITY

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 : 5751.293 MHz : 6.142 dBm	Limit: ≤ 25.230 dBm

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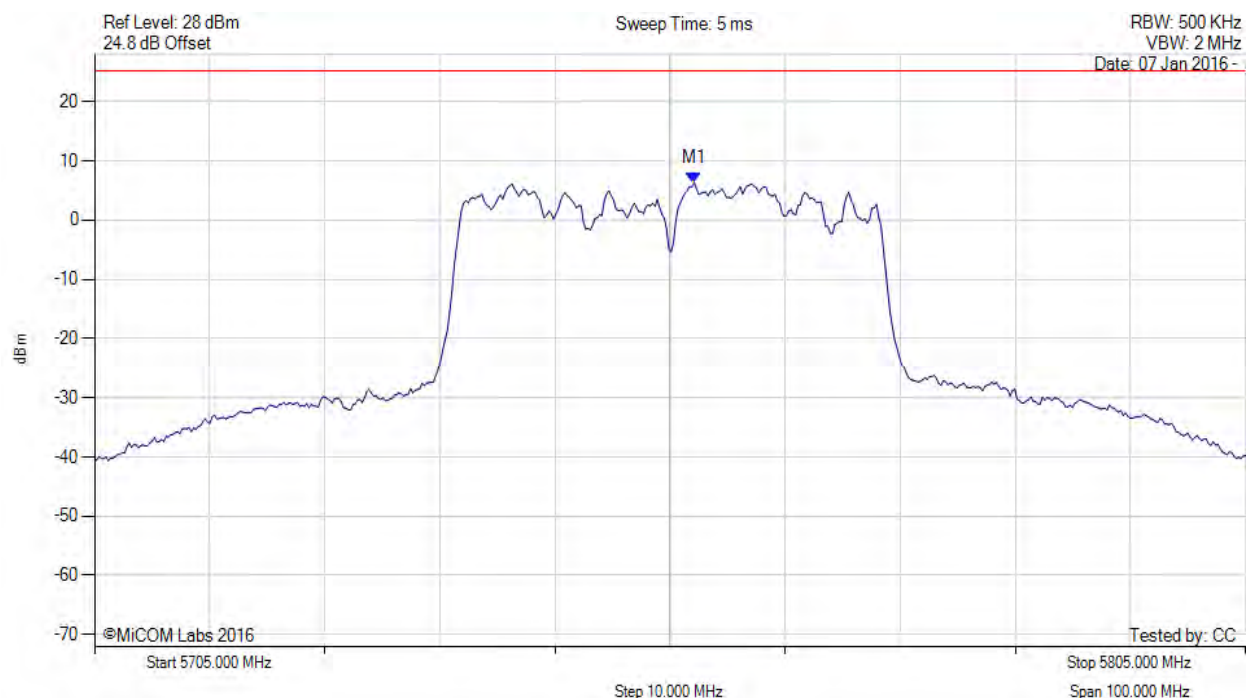


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POWER SPECTRAL DENSITY

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 : 5757.104 MHz : 6.336 dBm	Limit: ≤ 25.230 dBm

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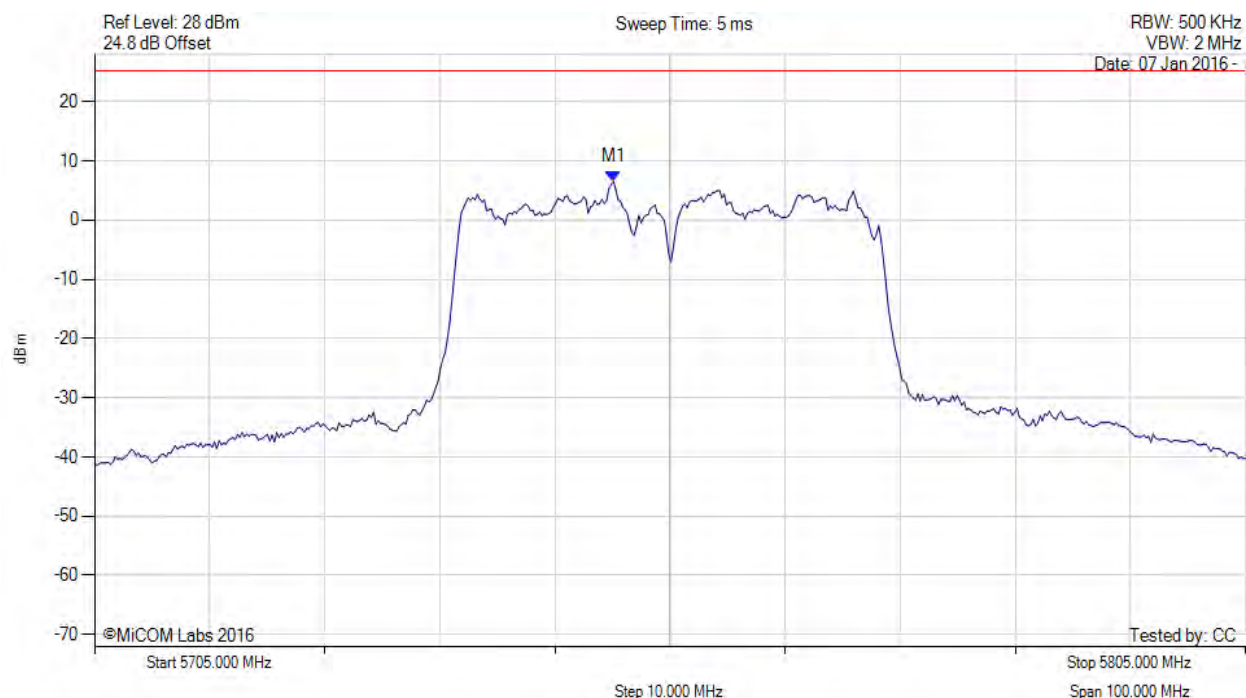


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POWER SPECTRAL DENSITY

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 : 5750.090 MHz : 6.548 dBm	Limit: ≤ 25.230 dBm

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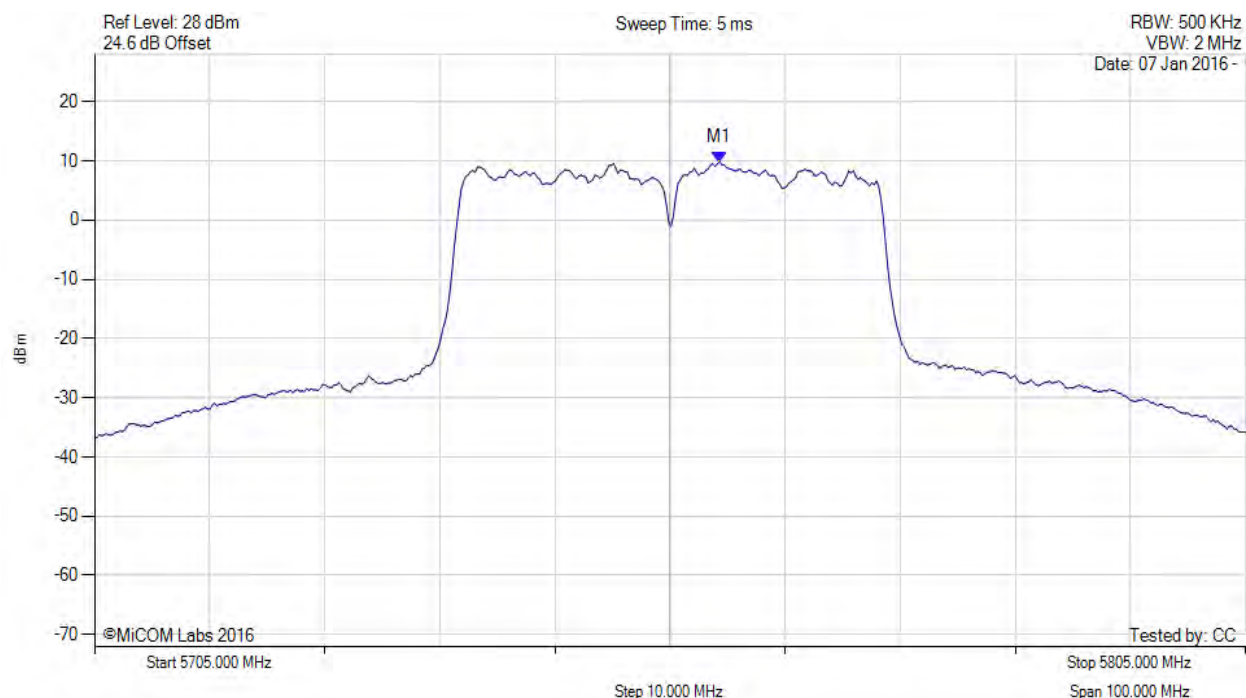


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POWER SPECTRAL DENSITY

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 : 5759.300 MHz : 9.818 dBm M1 + DCCF : 5759.300 MHz : 10.524 dBm Duty Cycle Correction Factor : +0.71 dB	Limit: ≤ 30.0 dBm Margin: -19.4 dB

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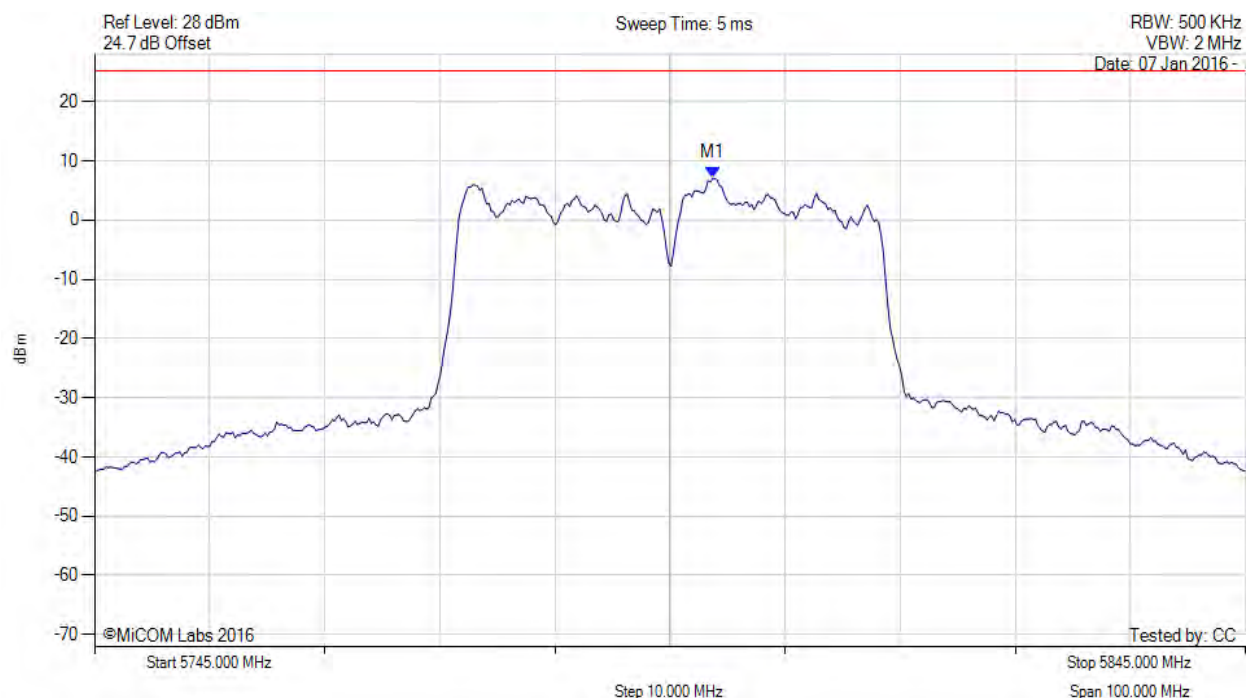


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POWER SPECTRAL DENSITY

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 : 5798.707 MHz : 7.075 dBm	Limit: ≤ 25.230 dBm

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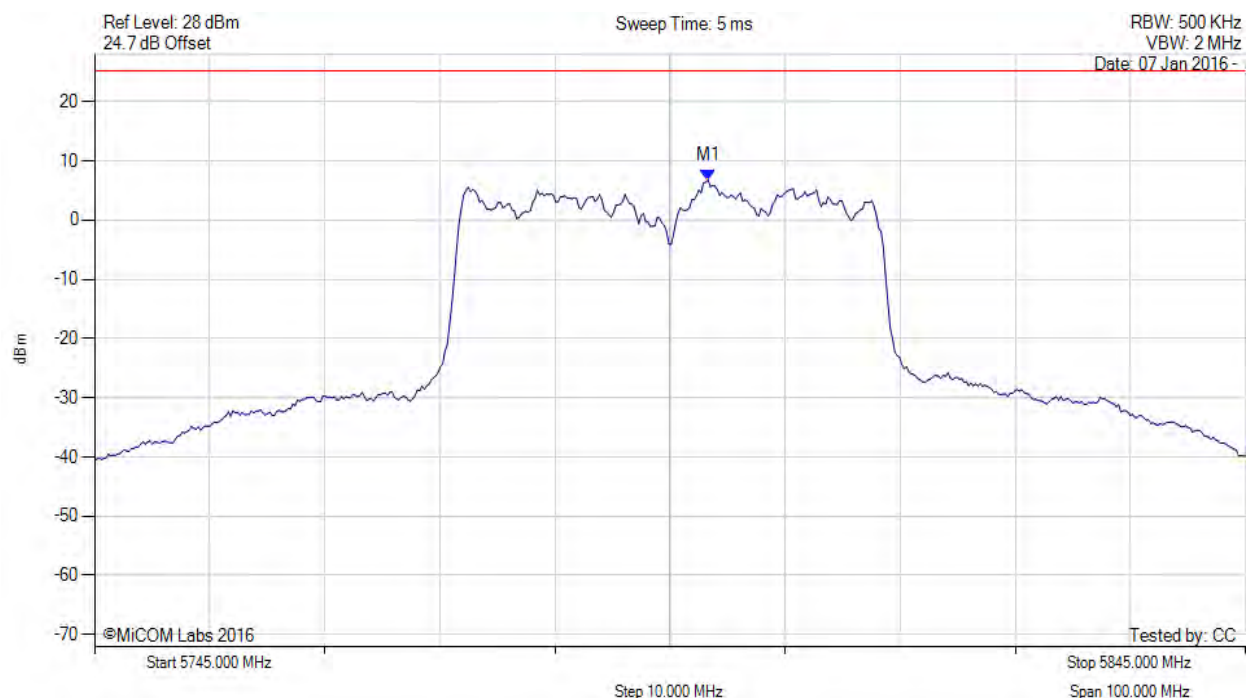


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POWER SPECTRAL DENSITY

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 : 5798.307 MHz : 6.802 dBm	Limit: ≤ 25.230 dBm

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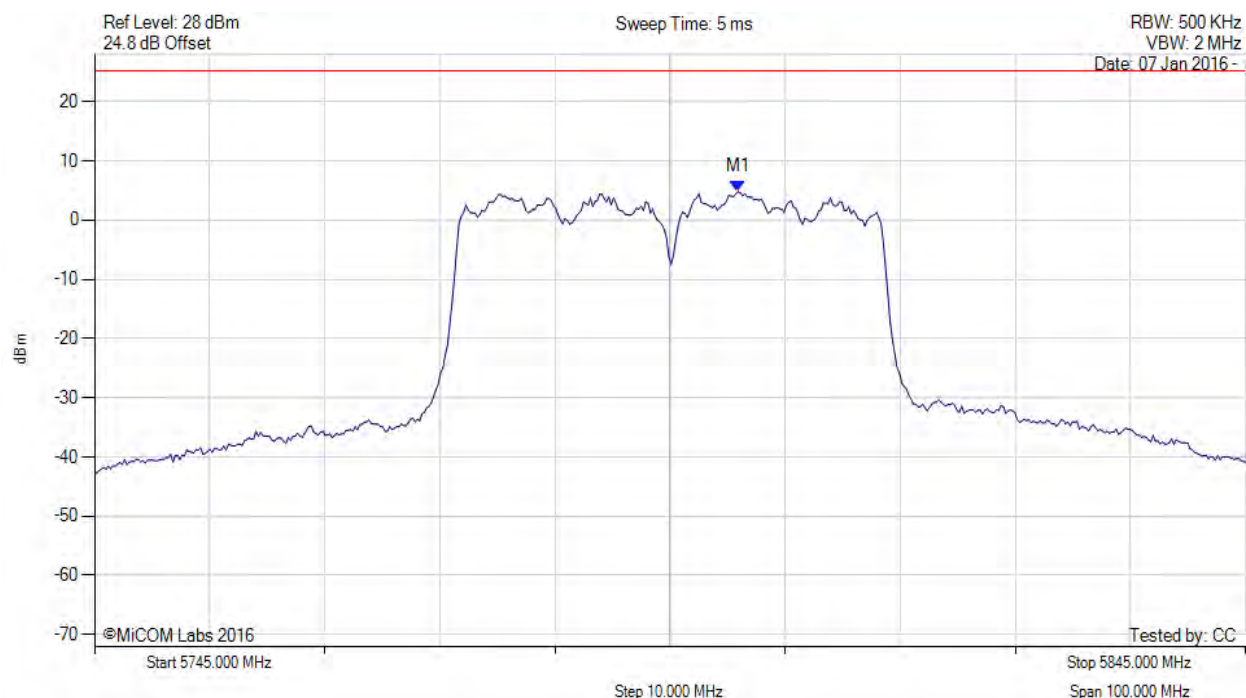


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POWER SPECTRAL DENSITY

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 : 5800.912 MHz : 4.814 dBm	Limit: ≤ 25.230 dBm

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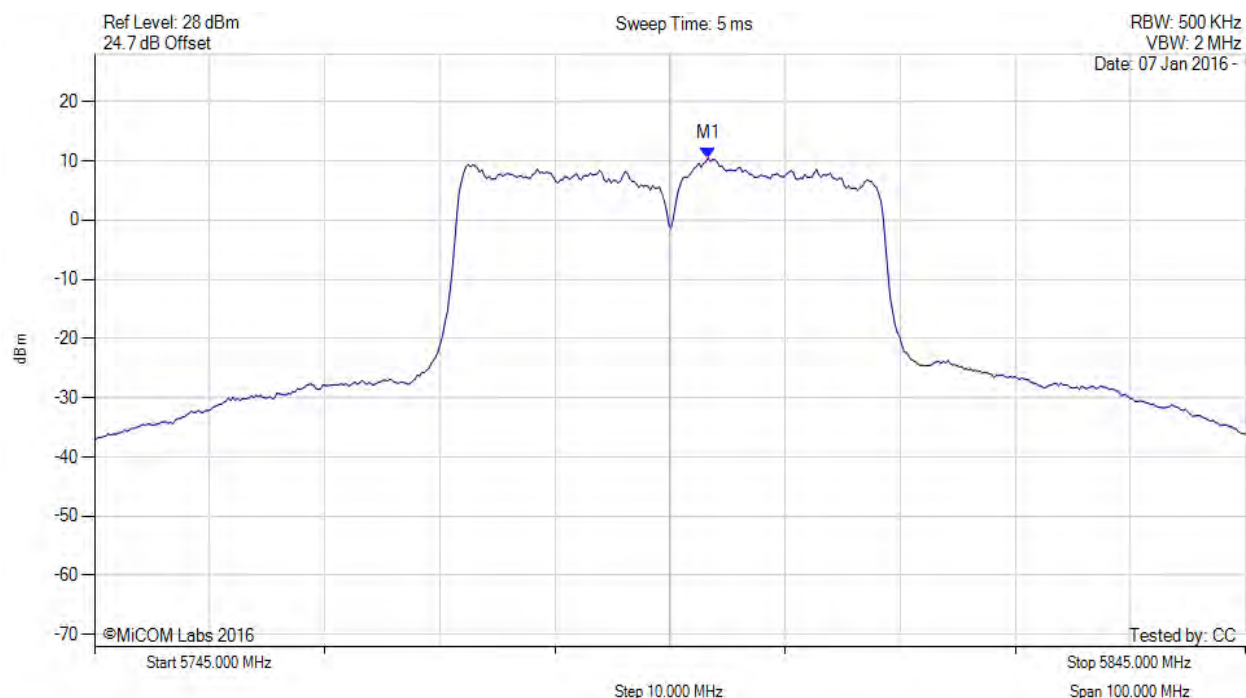


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POWER SPECTRAL DENSITY

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 : 5798.300 MHz : 10.496 dBm M1 + DCCF : 5798.300 MHz : 11.202 dBm Duty Cycle Correction Factor : +0.71 dB	Limit: ≤ 30.0 dBm Margin: -18.8 dB

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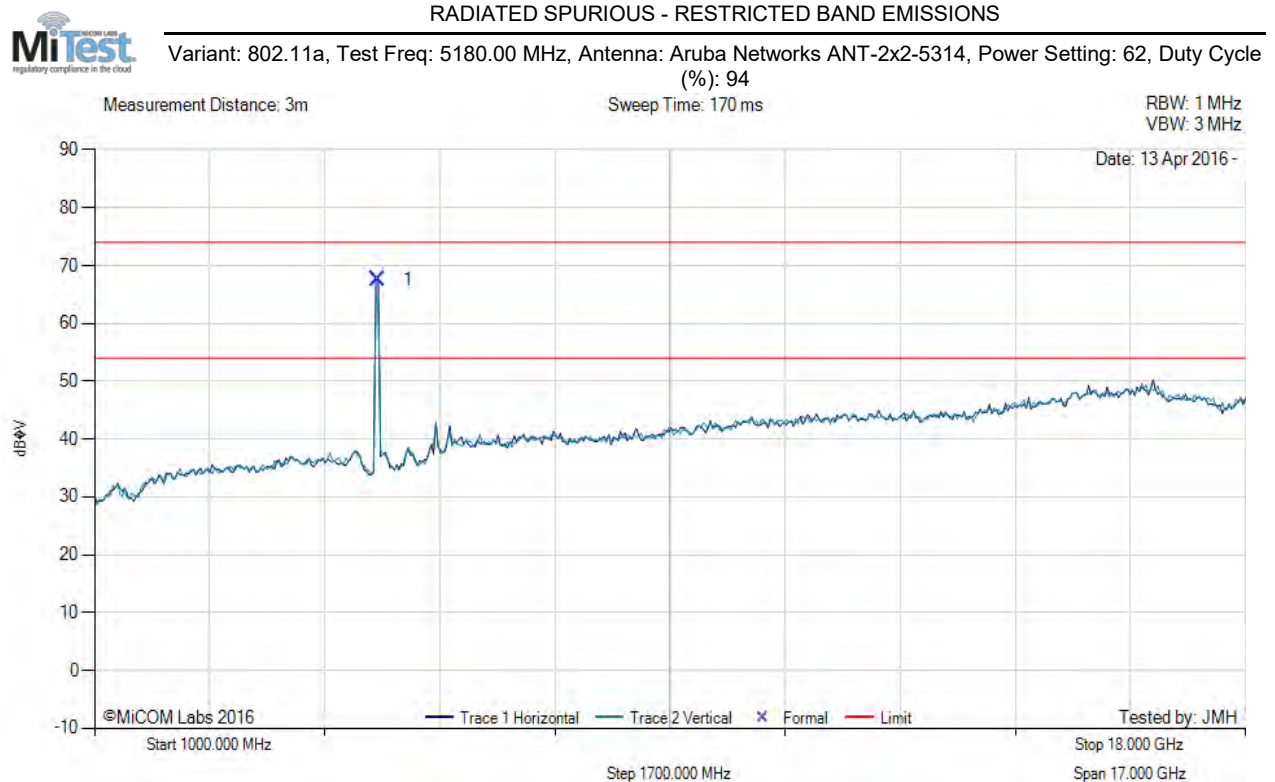


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A.3. Radiated

A.3.1. Restricted Band Emissions

A.3.1.1. Aruba Networks ANT-2x2-5314



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	5178.75	75.36	3.69	-11.51	67.54	Fundamental	Horizontal	101	1	--	--	

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

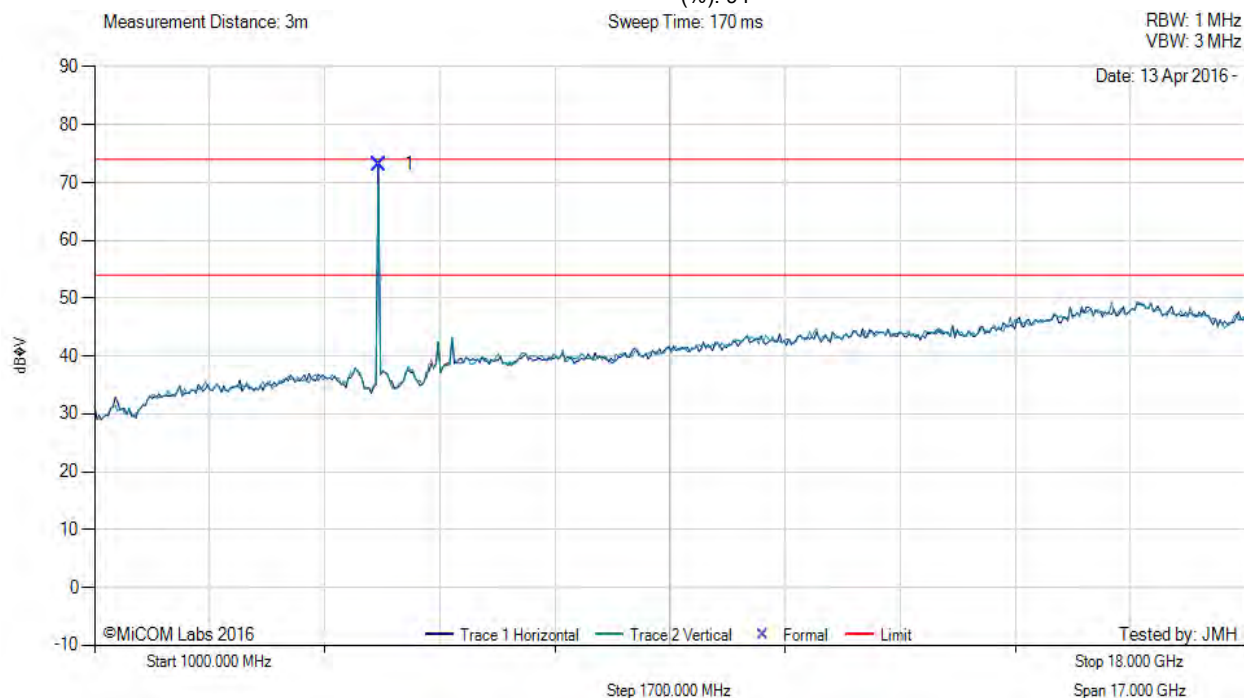
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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 62, Duty Cycle (%): 94



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	5201.08	80.95	3.66	-11.46	73.15	Fundamental	Horizontal	101	1	--	--	

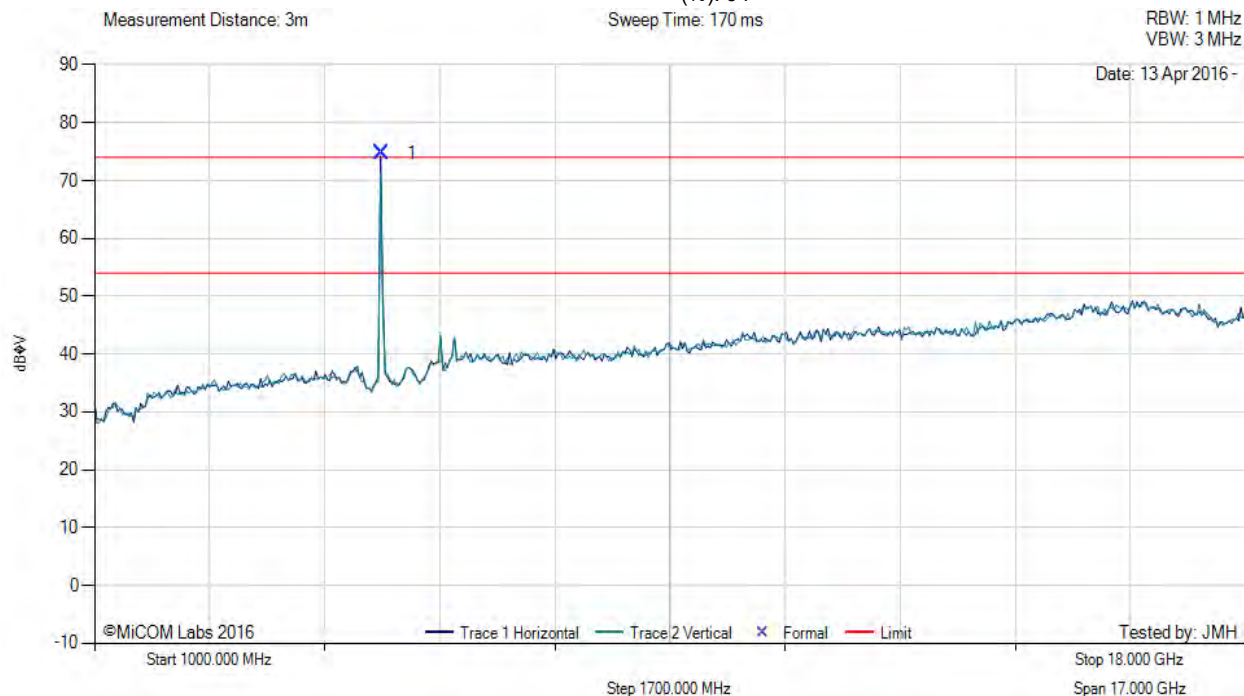
Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 59, Duty Cycle (%): 94



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	5235.87	82.53	3.63	-11.37	74.79	Fundamental	Horizontal	101	1	--	--	

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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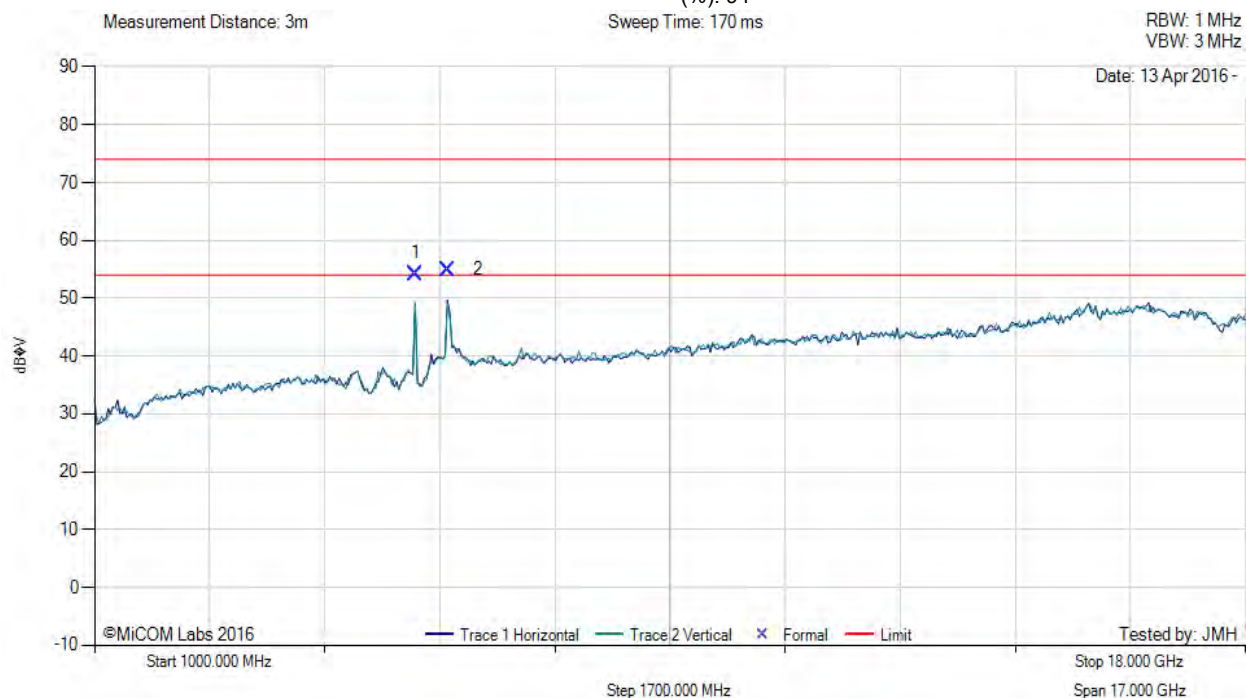


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	5737.51	61.13	3.82	-10.67	54.28	Fundamental	Vertical	101	1	--	--	
2	6223.92	59.78	3.92	-8.75	54.95	Peak (NRB)	Horizontal	101	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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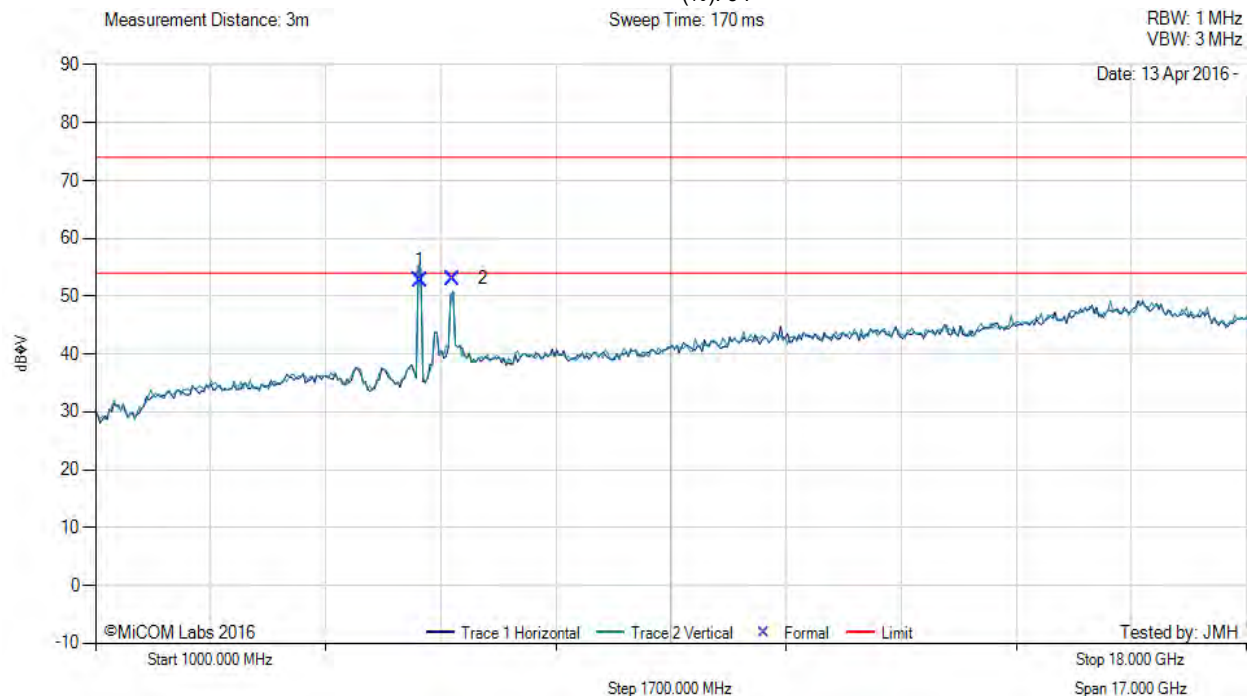


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	5792.47	59.34	3.78	-10.40	52.72	Fundamental	Horizontal	101	1	--	--	
2	6272.10	57.58	3.92	-8.50	53.00	Peak (NRB)	Horizontal	101	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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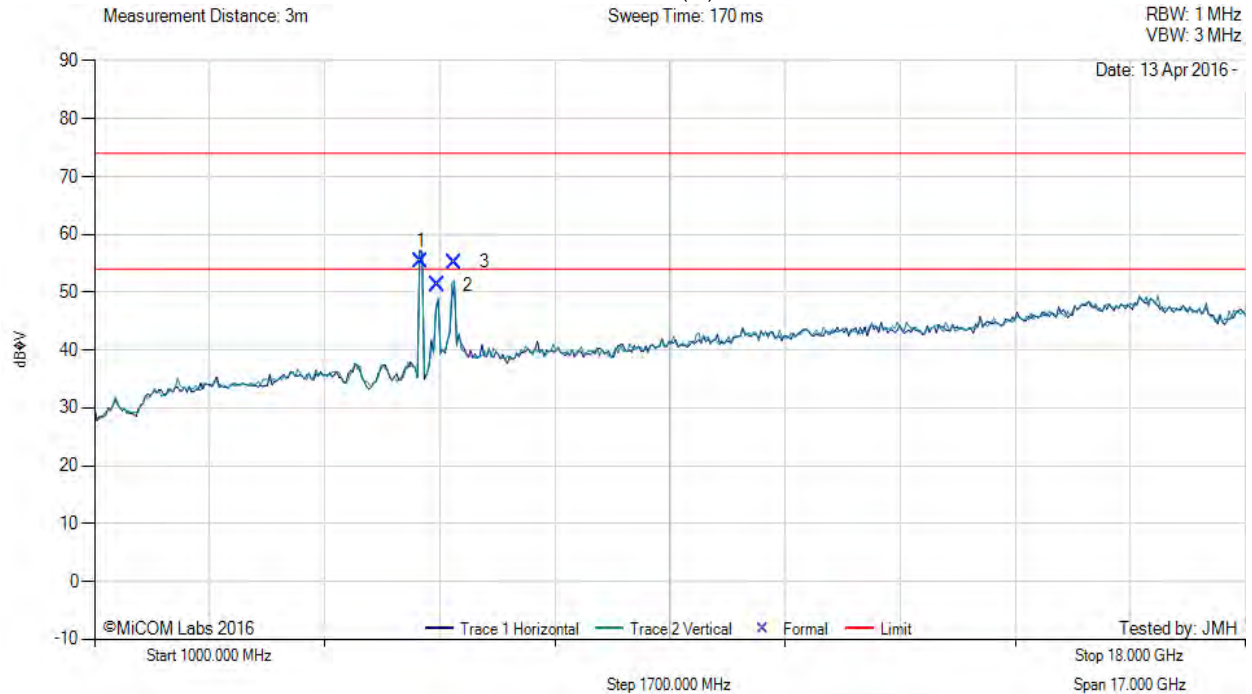


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	5823.65	61.80	3.83	-10.25	55.38	Fundamental	Horizontal	101	1	--	--	
2	6066.25	57.01	3.88	-9.61	51.28	Peak (NRB)	Horizontal	101	1	--	--	Pass
3	6307.14	59.69	3.93	-8.39	55.23	Peak (NRB)	Vertical	101	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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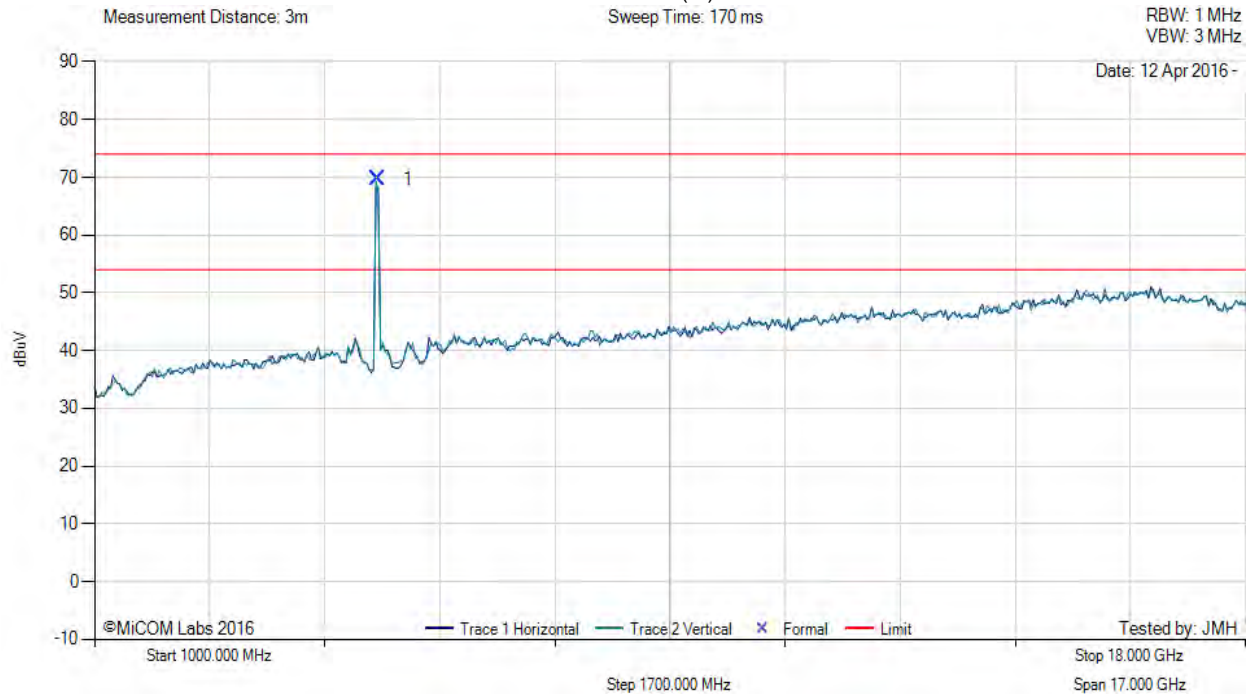
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A.3.1.2. Aruba Networks ANT-2x2-D607



RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 94, Duty Cycle (%): 94



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	5178.11	77.58	3.69	-11.51	69.76	Fundamental	Vertical	101	1	--	--	

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund.

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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

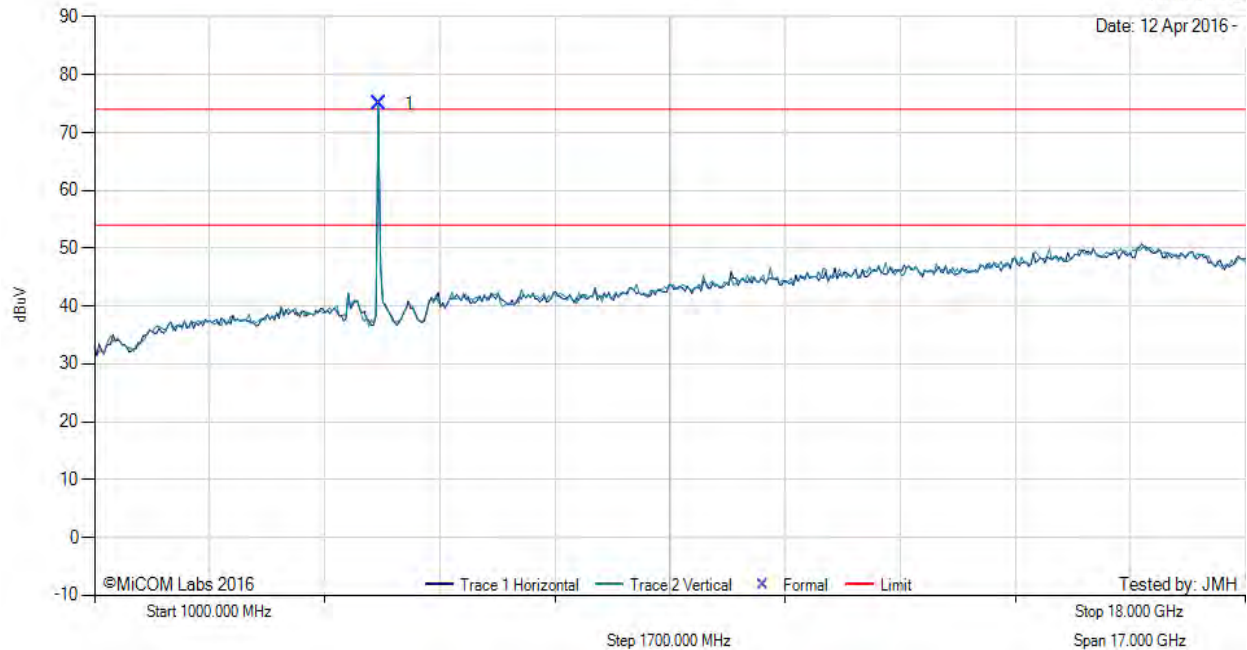
Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 94, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 170 ms

RBW: 1 MHz
VBW: 3 MHz

Date: 12 Apr 2016 -



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5198.44	82.71	3.66	-11.47	74.90	Fundamental	Vertical	101	1	--	--	

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund.

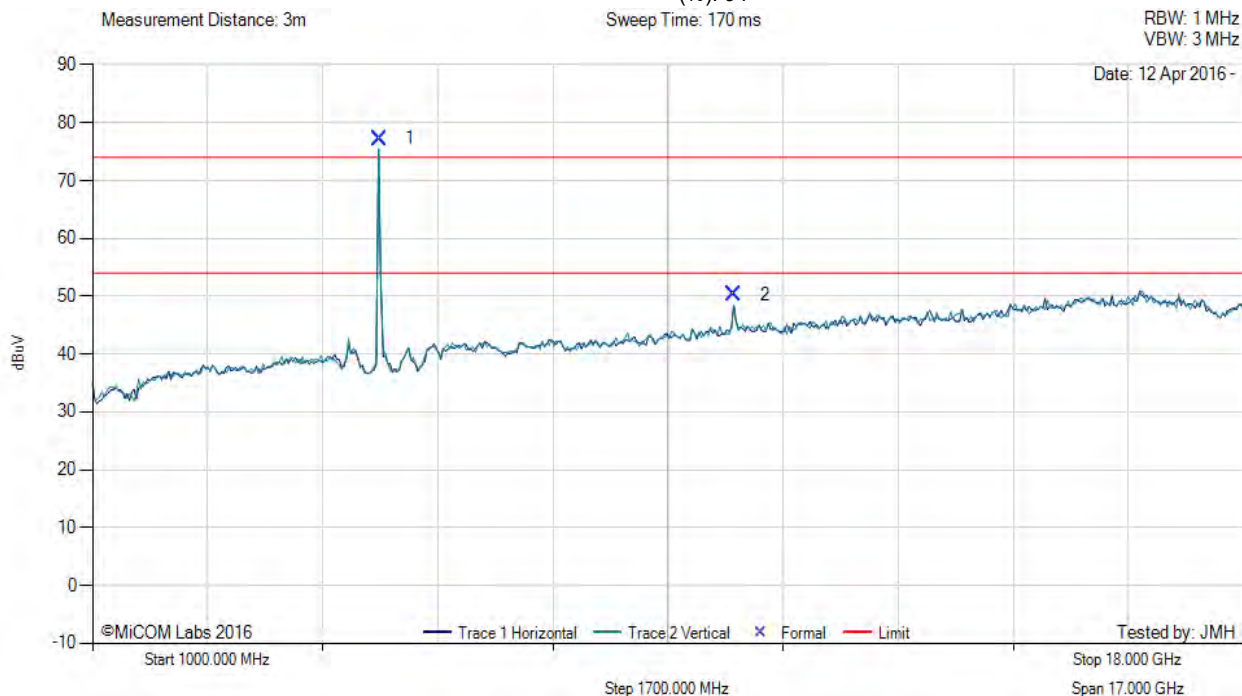
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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 91, Duty Cycle (%): 94



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5238.28	84.99	3.63	-11.37	77.25	Fundamental	Vertical	101	1	--	--	
2	10479.45	49.37	5.43	-4.46	50.34	Peak (NRB)	Horizontal	151	0	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund.

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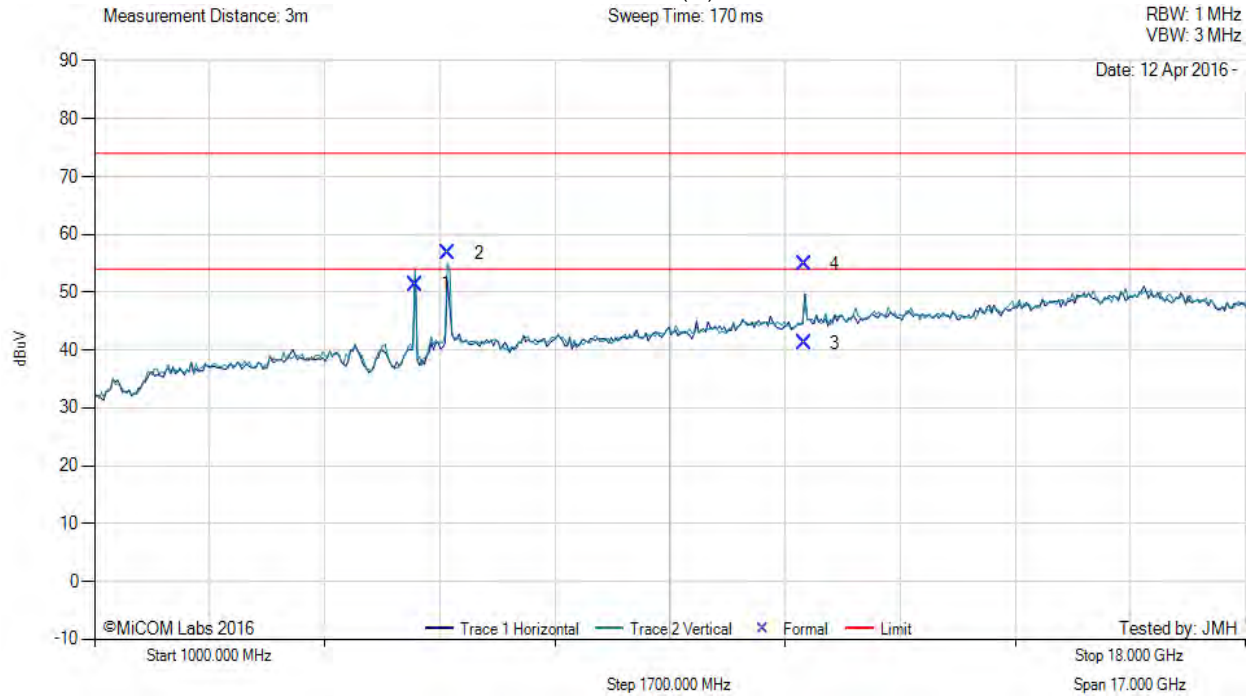


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	5740.48	58.19	3.83	-10.67	51.35	Fundamental	Vertical	101	1	--	--	
2	6226.09	61.50	3.92	-8.74	56.68	Peak (NRB)	Horizontal	151	1	--	--	Pass
3	11491.59	40.63	5.44	-4.84	41.23	Max Avg	Horizontal	153	23	54.0	-12.8	Pass
4	11491.59	54.23	5.44	-4.84	54.83	Max Peak	Horizontal	153	23	74.0	-19.2	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund.

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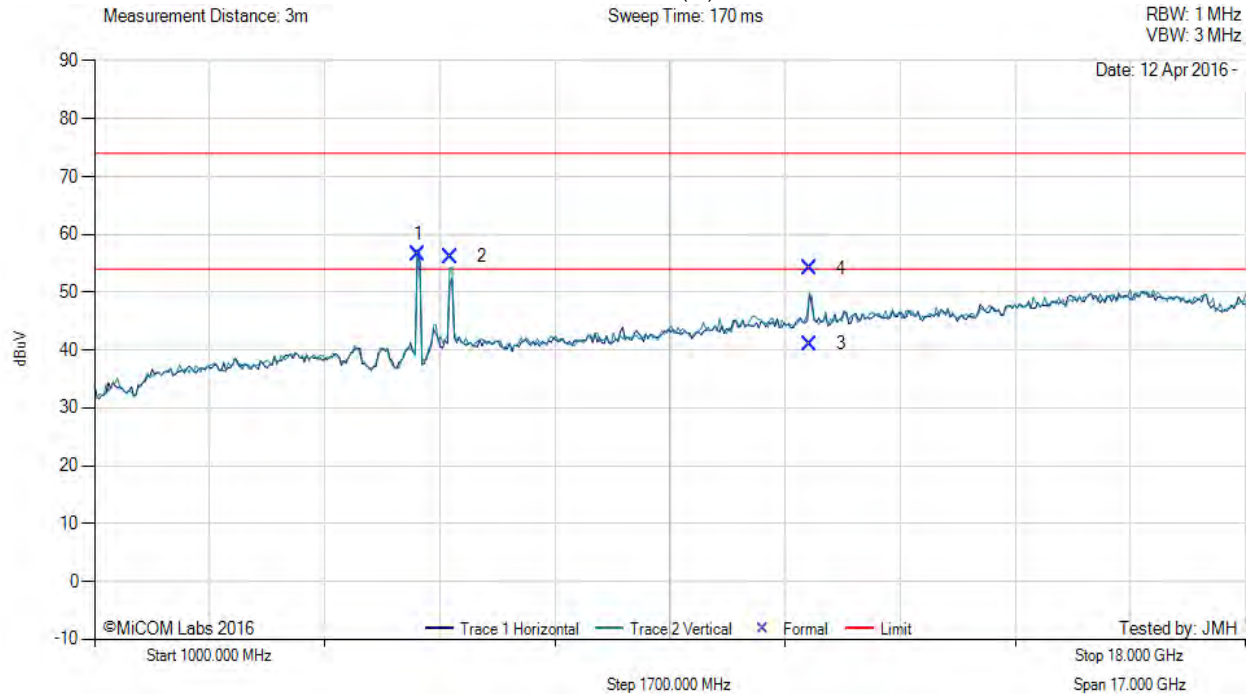


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variation: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	5783.29	63.15	3.80	-10.46	56.49	Fundamental	Vertical	151	1	--	--	
2	6265.29	60.72	3.93	-8.53	56.12	Peak (NRB)	Vertical	151	1	--	--	Pass
3	11571.18	40.28	5.44	-4.64	41.08	Max Avg	Horizontal	136	65	54.0	-12.9	Pass
4	11571.18	53.36	5.44	-4.64	54.16	Max Peak	Horizontal	136	65	74.0	-19.8	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund.

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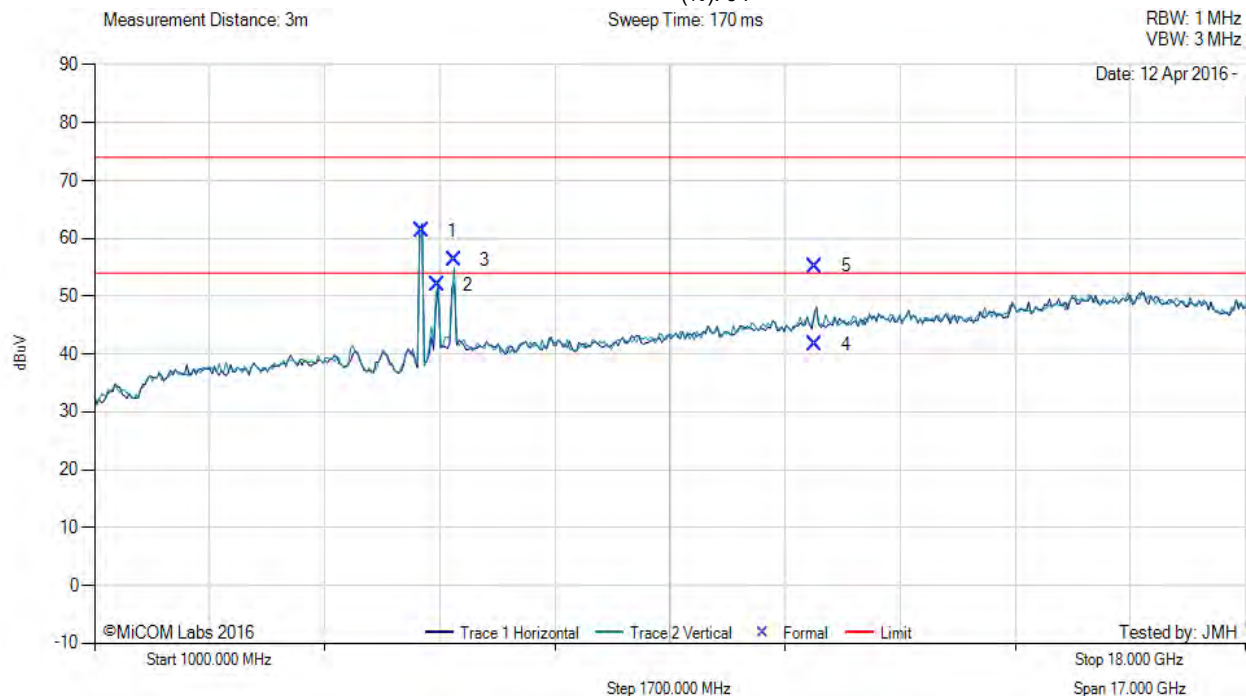


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	5827.22	67.65	3.84	-10.24	61.25	Fundamental	Horizontal	101	1	--	--	
2	6069.30	57.67	3.88	-9.60	51.95	Peak (NRB)	Horizontal	151	1	--	--	Pass
3	6307.78	60.71	3.92	-8.39	56.24	Peak (NRB)	Vertical	151	1	--	--	Pass
4	11649.38	40.63	5.44	-4.47	41.60	Max Avg	Horizontal	196	40	54.0	-12.4	Pass
5	11649.38	54.19	5.44	-4.47	55.16	Max Peak	Horizontal	196	40	74.0	-18.8	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund.

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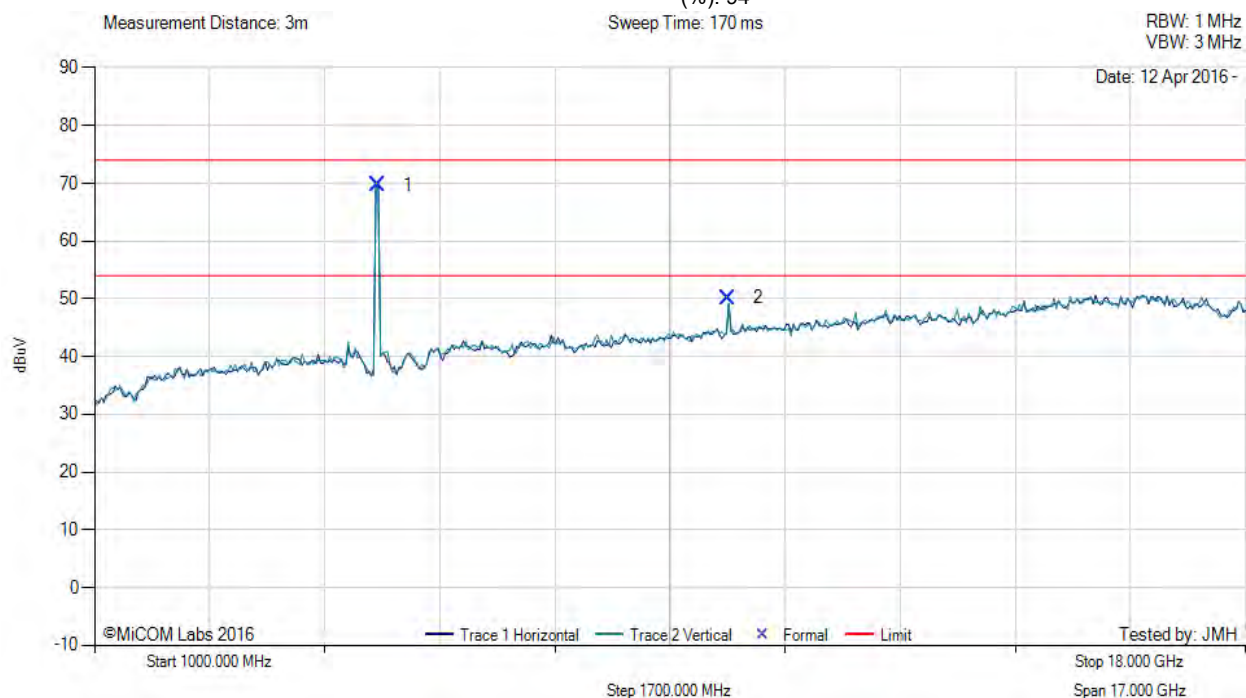
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A.3.1.3. Aruba Networks ANT-2x2-D805



RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 90, Duty Cycle (%): 94



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	5186.57	77.53	3.68	-11.49	69.72	Fundamental	Horizontal	101	1	--	--	
2	10360.04	49.84	5.57	-5.27	50.14	Peak (NRB)	Vertical	200	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund. Power reduced to max 5150 Band Edge setting.

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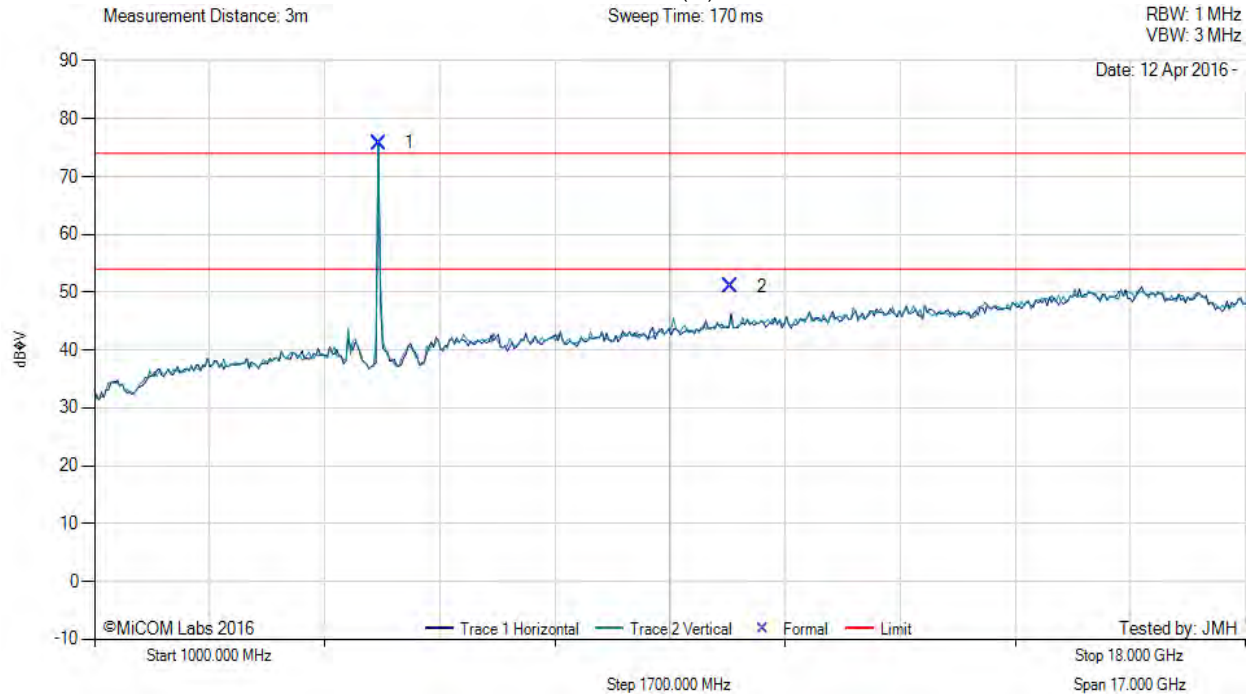


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 94, Duty Cycle (%): 94



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	5201.08	83.62	3.66	-11.46	75.82	Fundamental	Vertical	101	1	--	--	
2	10404.37	50.64	5.43	-5.01	51.06	Peak (NRB)	Horizontal	151	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund.

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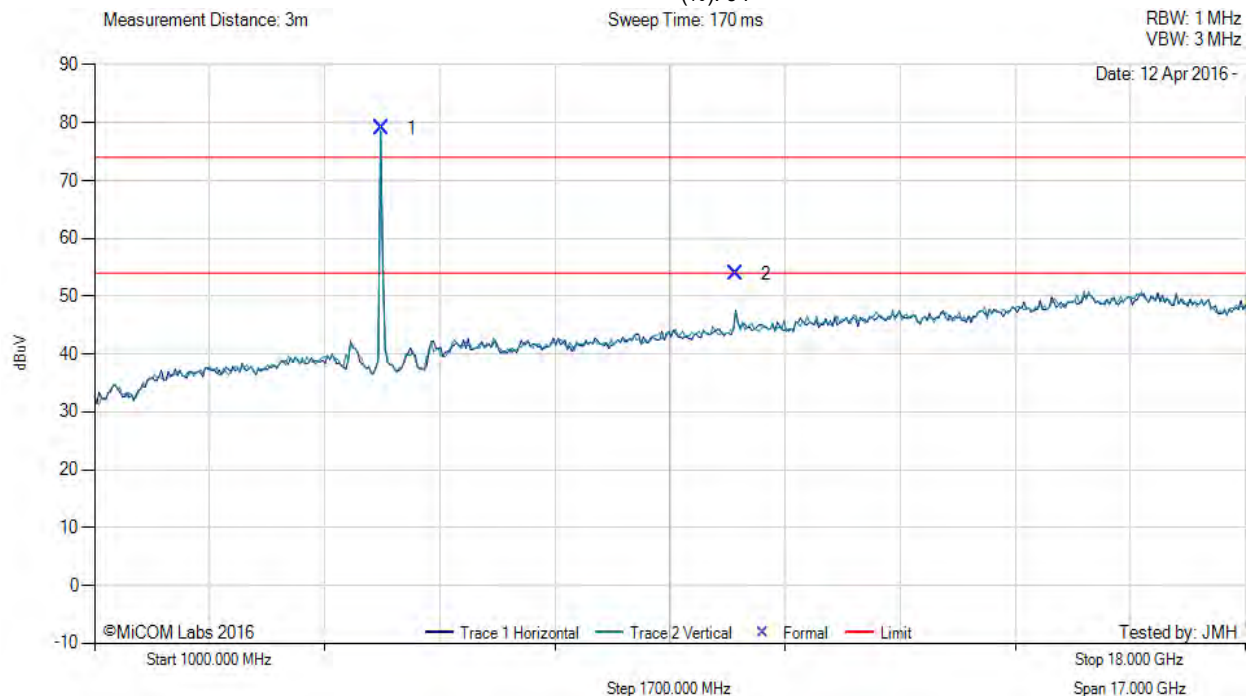


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 91, Duty Cycle (%): 94



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	5238.20	86.74	3.63	-11.37	79.00	Fundamental	Horizontal	101	1	--	--	
2	10476.29	52.92	5.45	-4.49	53.88	Peak (NRB)	Horizontal	151	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund.

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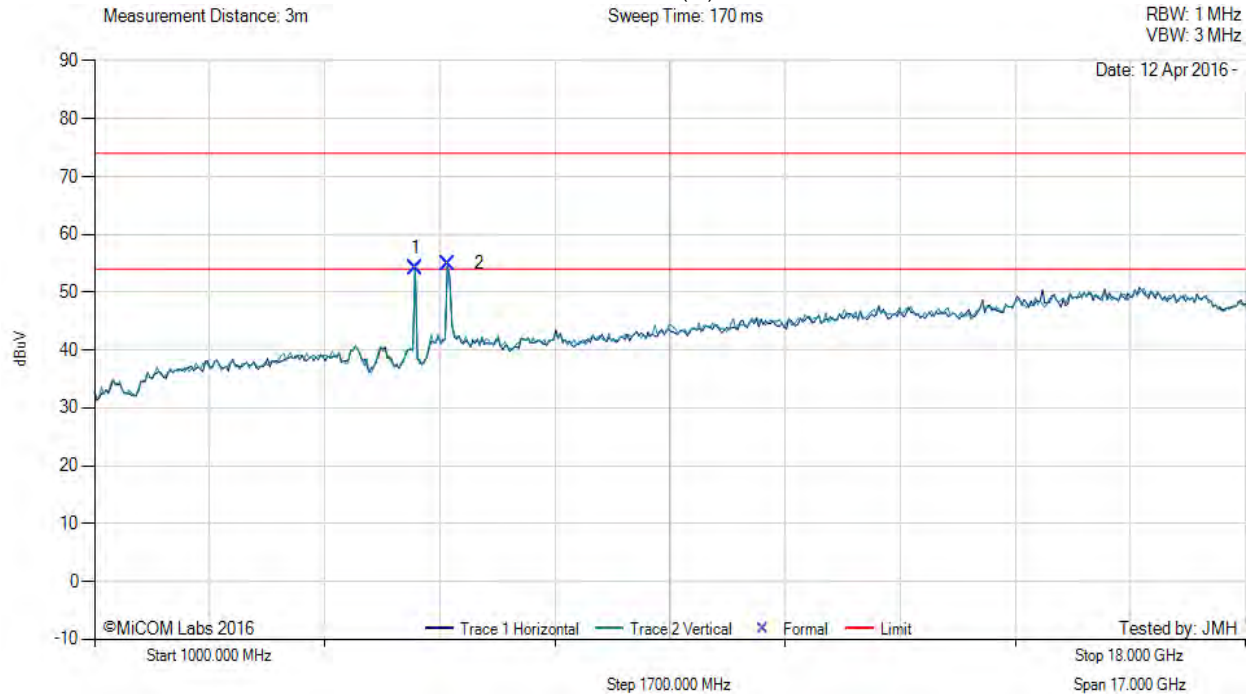


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5737.51	60.93	3.82	-10.67	54.08	Fundamental	Vertical	101	0	--	--	
2	6225.21	59.82	3.92	-8.74	55.00	Peak (NRB)	Vertical	101	0	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund.

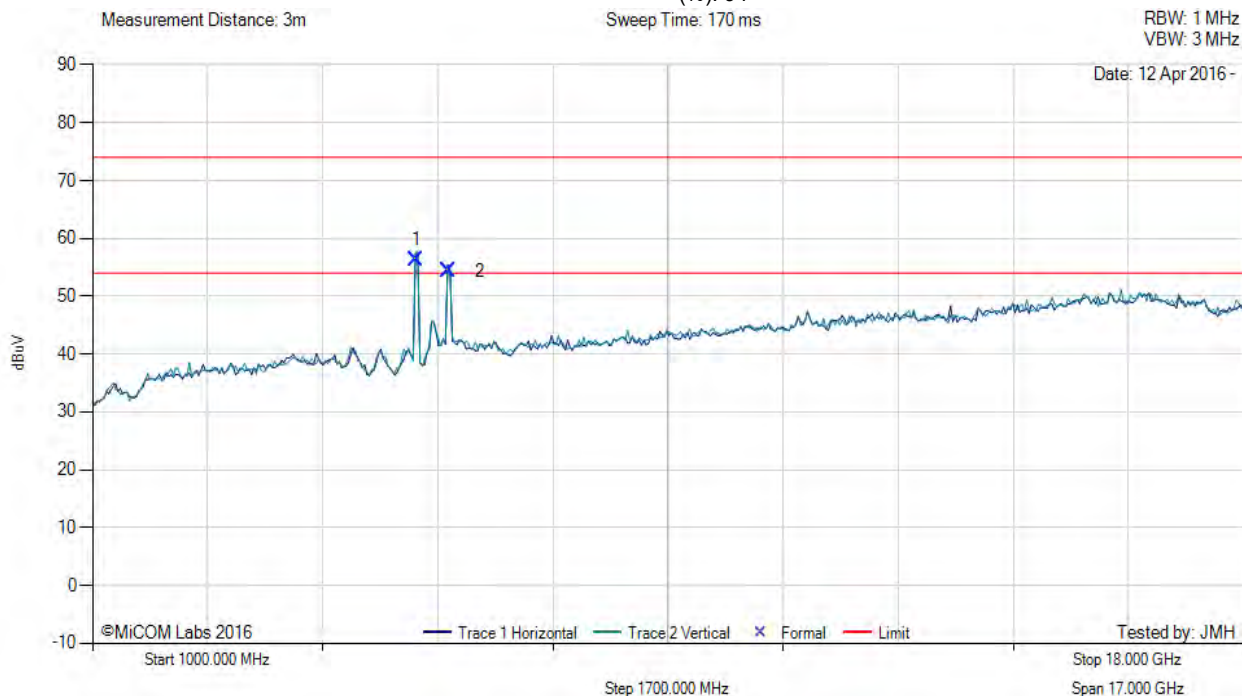
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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94



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	62.87	3.79	-10.43	56.23	Fundamental	Vertical	101	1	--	--	
2	6265.77	59.01	3.93	-8.53	54.41	Peak (NRB)	Horizontal	151	1	--	--	Pass

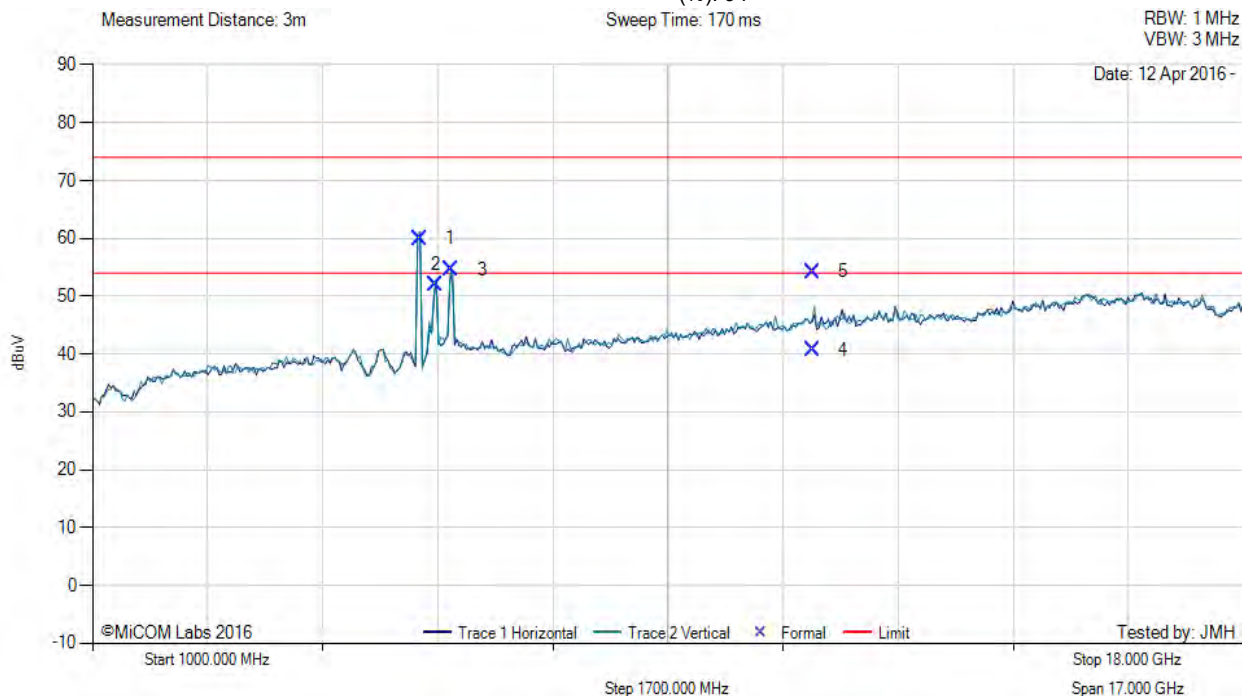
Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund.

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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94



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	5827.30	66.41	3.84	-10.24	60.01	Fundamental	Vertical	101	0	--	--	
2	6063.93	57.65	3.89	-9.62	51.92	Peak (NRB)	Horizontal	151	0	--	--	Pass
3	6303.21	59.08	3.95	-8.42	54.61	Peak (NRB)	Vertical	200	0	--	--	Pass
4	11642.06	39.71	5.48	-4.47	40.72	Max Avg	Vertical	122	339	54.0	-13.3	Pass
5	11642.06	53.22	5.48	-4.47	54.23	Max Peak	Vertical	122	339	74.0	-19.8	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 5G notch to protect RCVR from fund.

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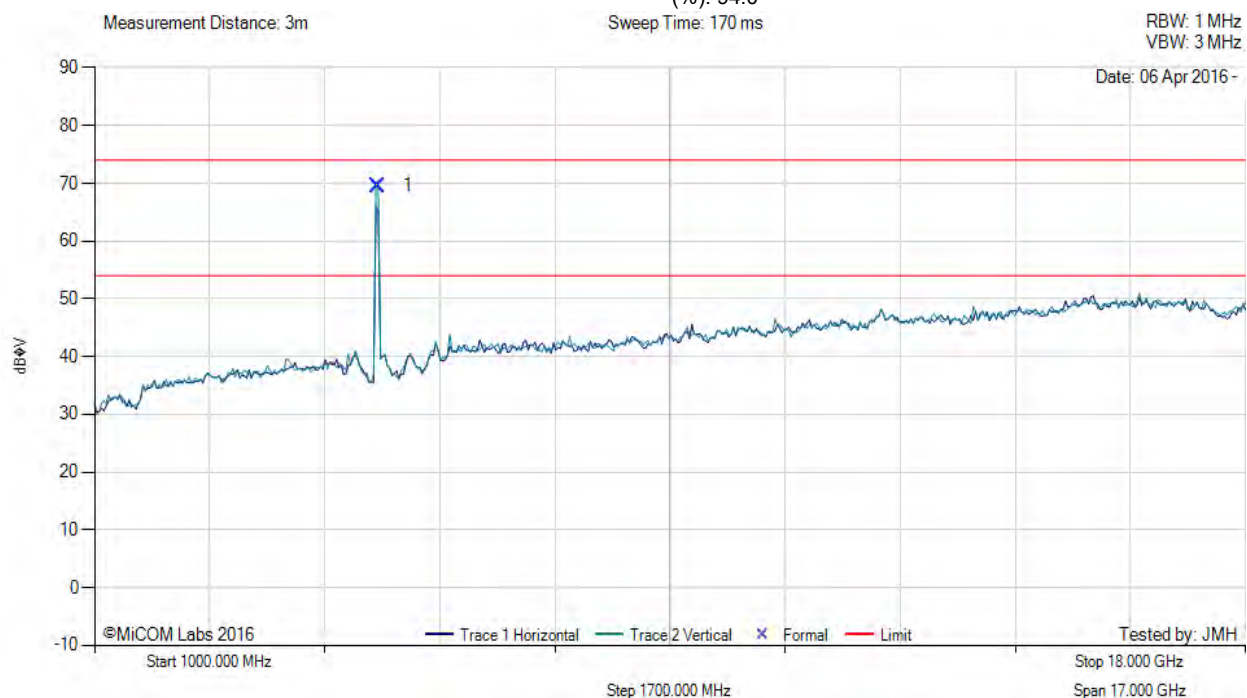
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A.3.1.4. Aruba Networks ANT-3x3-5010



RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 62, Duty Cycle (%): 94.0



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	5183.05	77.42	3.68	-11.50	69.60	Fundamental	Vertical	200	1	--	--	

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power reduced to max band edge level.

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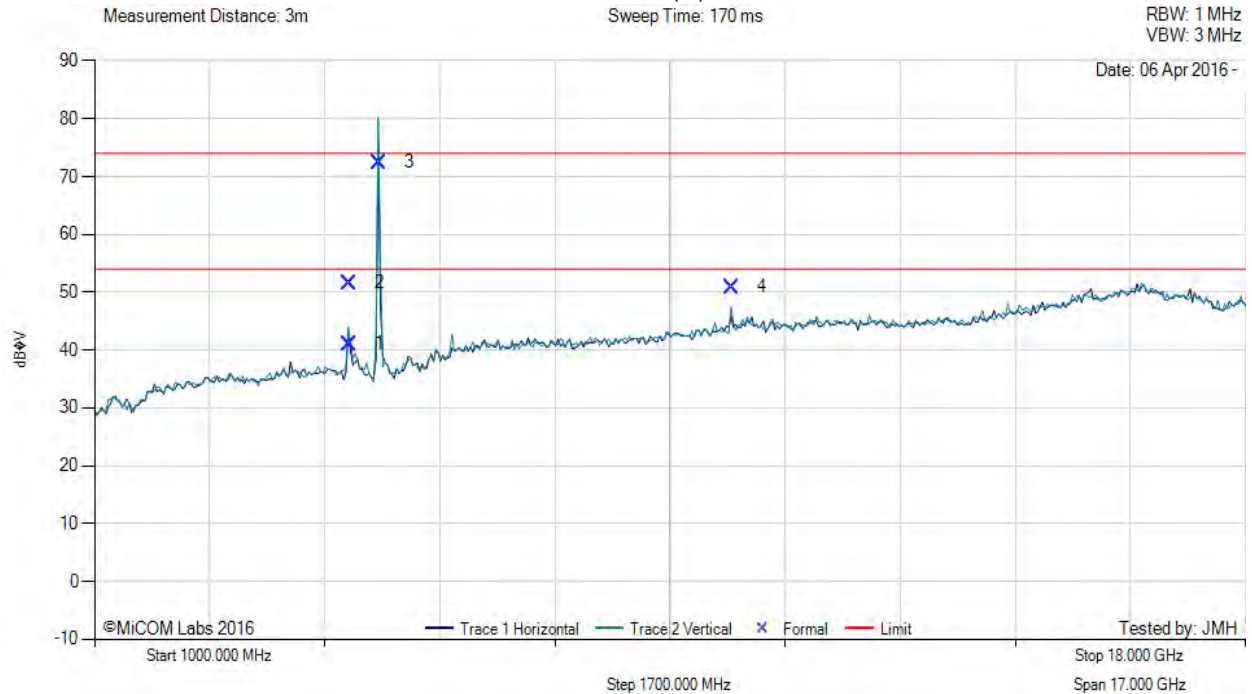


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Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 94, Duty Cycle (%): 94.0



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	4766.25	48.53	3.60	-11.11	41.02	Max Avg	Vertical	182	47	54.0	-13.0	Pass
2	4766.25	59.14	3.60	-11.11	51.63	Max Peak	Vertical	182	47	74.0	-22.4	Pass
3	5203.65	80.28	3.65	-11.45	72.48	Fundamental	Vertical	137	0	--	--	
4	10406.46	50.42	5.45	-4.99	50.88	Peak (NRB)	Vertical	151	127	--	--	Pass

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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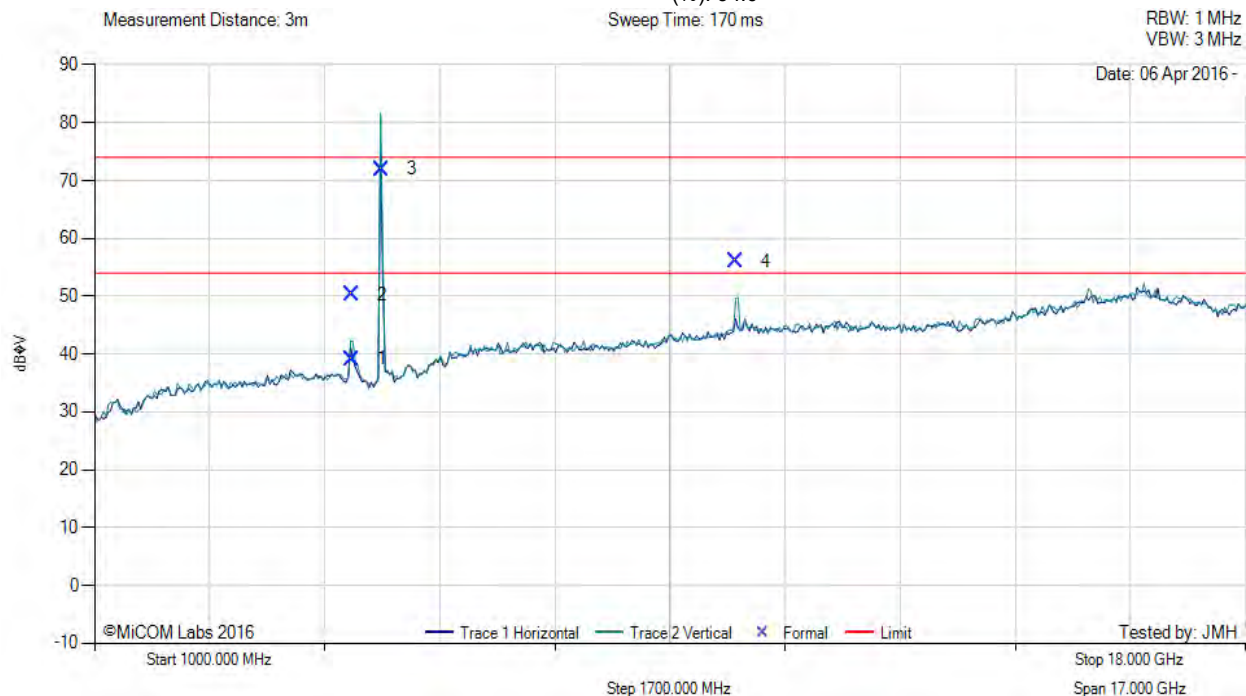


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Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 91, Duty Cycle (%): 94.0



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	4800.44	46.76	3.52	-11.12	39.16	Max Avg	Vertical	173	74	54.0	-14.8	Pass
2	4800.44	57.88	3.52	-11.12	50.28	Max Peak	Vertical	173	74	74.0	-23.7	Pass
3	5233.15	79.77	3.63	-11.39	72.01	Fundamental	Vertical	101	1	--	--	
4	10475.59	55.02	5.45	-4.49	55.98	Peak (NRB)	Vertical	200	213	--	--	Pass

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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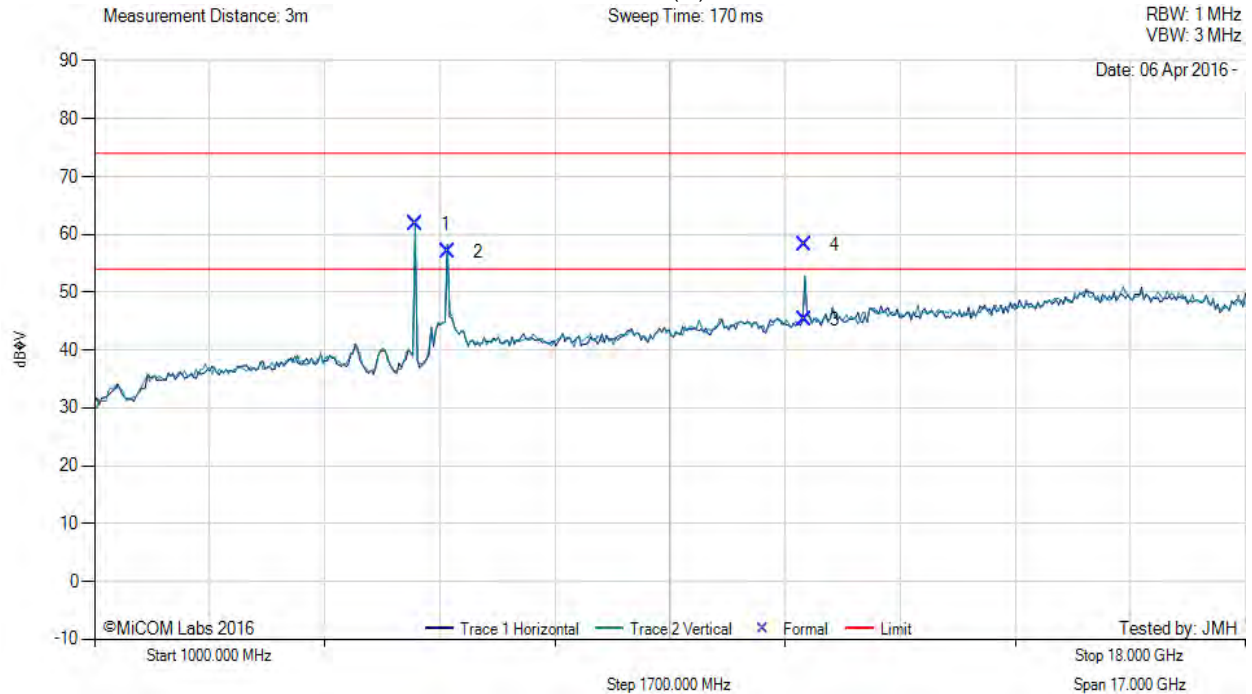


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	5738.08	68.60	3.82	-10.67	61.75	Fundamental	Vertical	200	6	--	--	
2	6223.76	61.80	3.92	-8.75	56.97	Peak (NRB)	Vertical	200	6	--	--	Pass
3	11487.50	44.60	5.45	-4.85	45.20	Max Avg	Vertical	198	140	54.0	-8.8	Pass
4	11487.50	57.58	5.45	-4.85	58.18	Max Peak	Vertical	198	140	74.0	-15.8	Pass

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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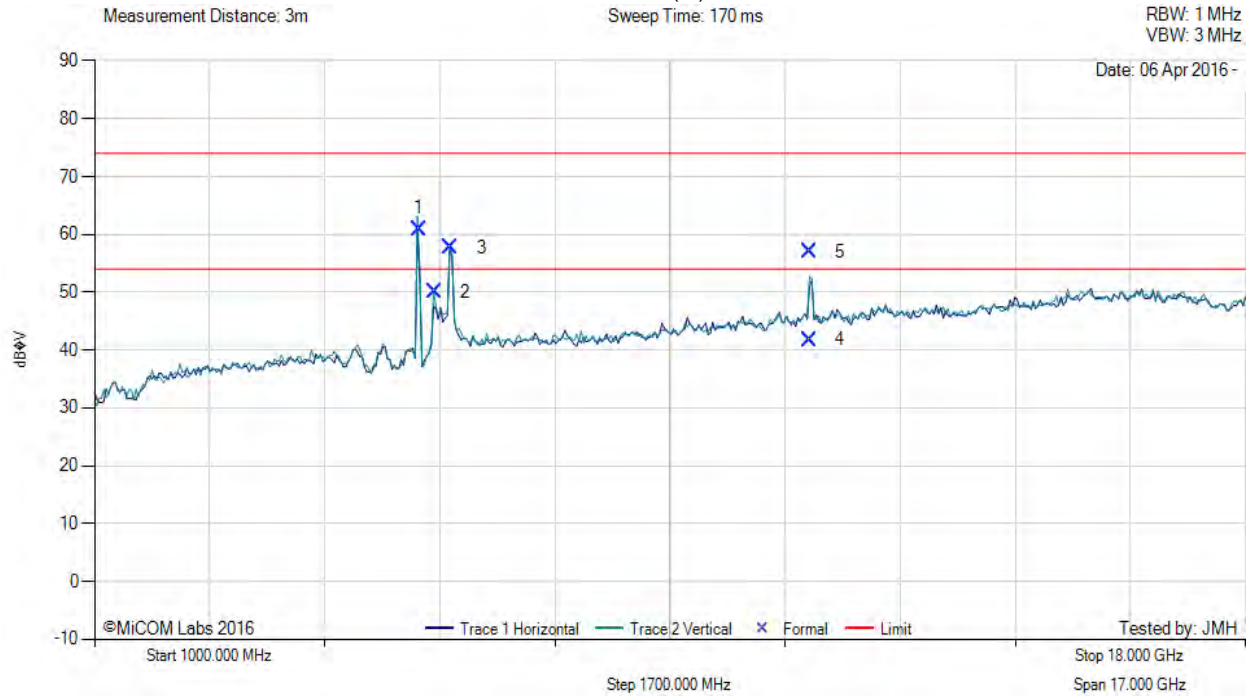


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Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	5790.38	67.58	3.79	-10.42	60.95	Fundamental	Vertical	200	1	--	--	
2	6020.05	55.86	3.86	-9.70	50.02	Peak (NRB)	Vertical	200	1	--	--	Pass
3	6264.14	62.26	3.93	-8.53	57.66	Peak (NRB)	Vertical	200	1	--	--	Pass
4	11568.98	40.91	5.48	-4.65	41.74	Max Avg	Vertical	178	102	54.0	-12.3	Pass
5	11568.98	56.19	5.48	-4.65	57.02	Max Peak	Vertical	178	102	74.0	-17.0	Pass

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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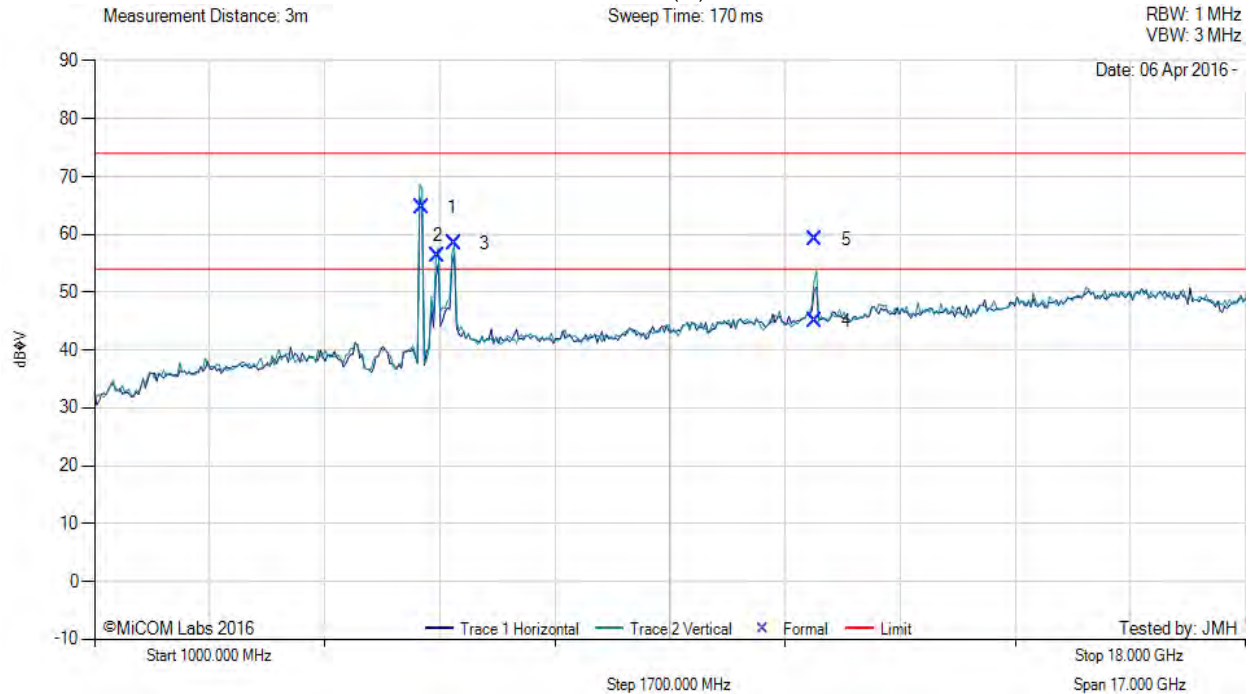


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Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	5829.50	71.00	3.84	-10.22	64.62	Fundamental	Vertical	199	1	--	--	
2	6070.63	62.04	3.88	-9.60	56.32	Peak (NRB)	Vertical	199	1	--	--	Pass
3	6306.46	62.89	3.93	-8.39	58.43	Peak (NRB)	Vertical	199	1	--	--	Pass
4	11645.90	44.01	5.46	-4.47	45.00	Max Avg	Vertical	198	312	54.0	-9.0	Pass
5	11645.90	58.14	5.46	-4.47	59.13	Max Peak	Vertical	198	312	74.0	-14.9	Pass

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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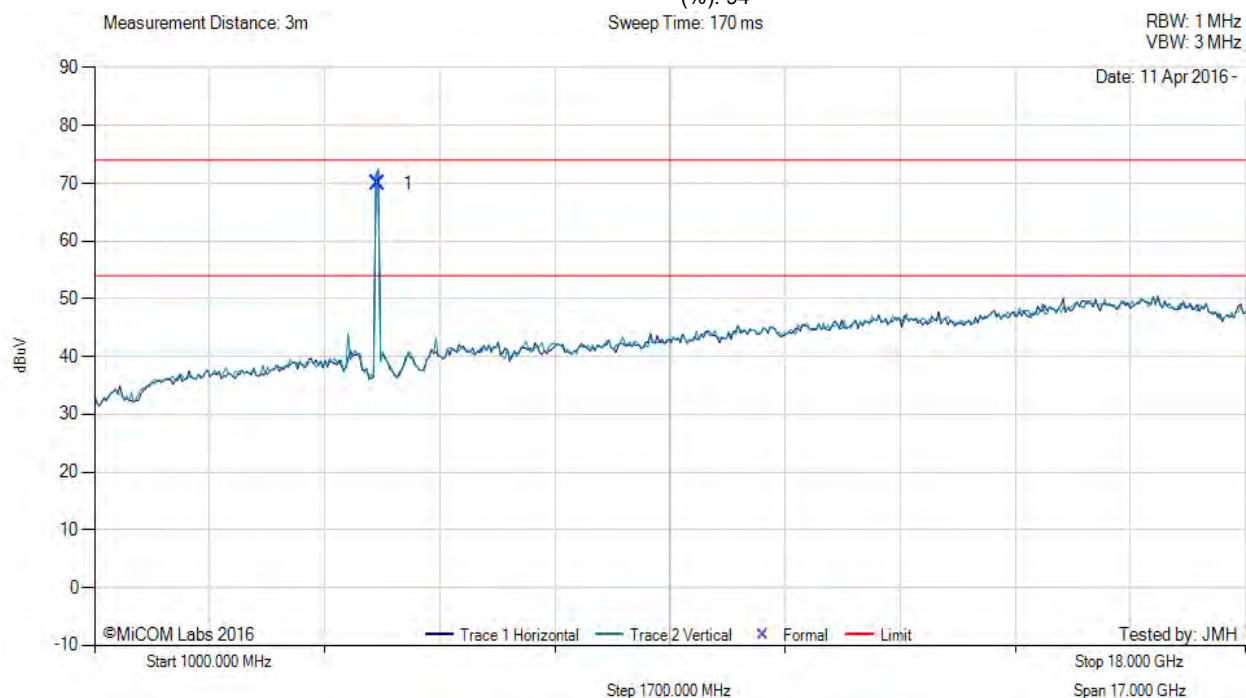
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A.3.1.5. Aruba Networks ANT-3x3-5712



RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 72, Duty Cycle (%): 94



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	5182.24	77.80	3.69	-11.50	69.99	Fundamental	Vertical	101	1	--	--	

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund +1 dB for external cables. Power level set from highest band edge setting HT20 (72)

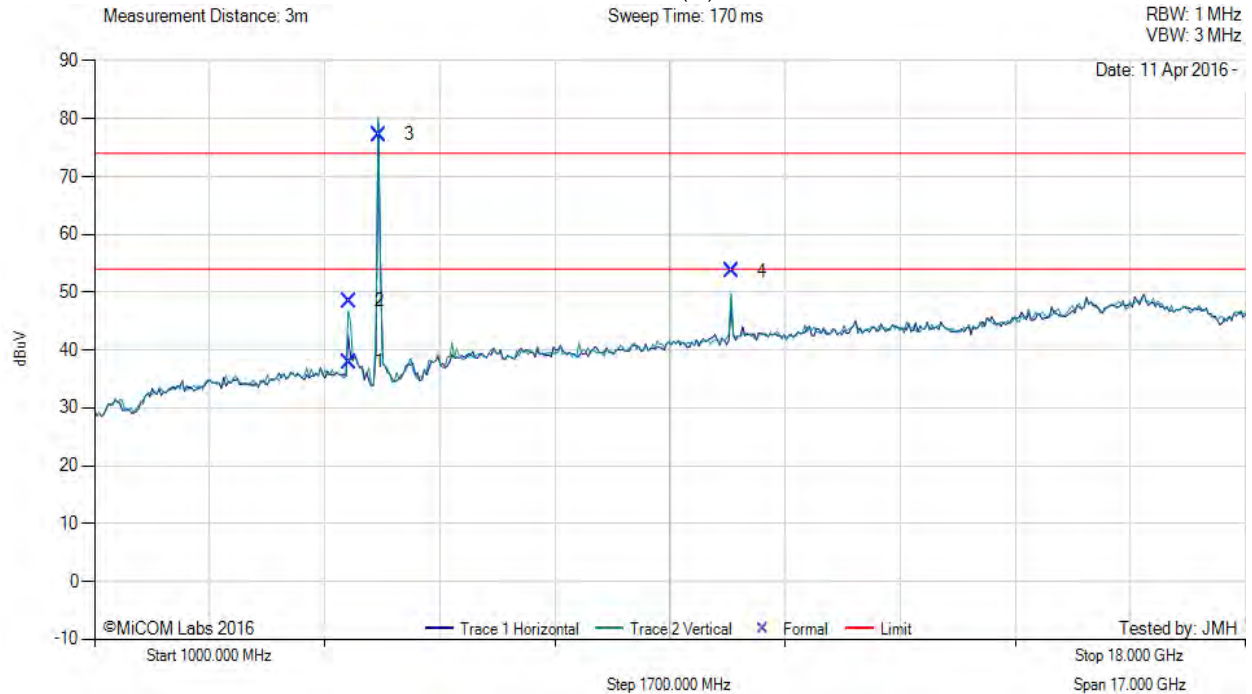
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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	4766.03	45.42	3.60	-11.11	37.91	Max Avg	Vertical	173	351	54.0	-16.1	Pass
2	4766.03	55.96	3.60	-11.11	48.45	Max Peak	Vertical	173	351	74.0	-25.6	Pass
3	5202.20	85.05	3.66	-11.46	77.25	Fundamental	Vertical	101	1	--	--	
4	10409.18	53.13	5.48	-4.97	53.64	Peak (NRB)	Vertical	151	1	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund. +1 dB for external cables.

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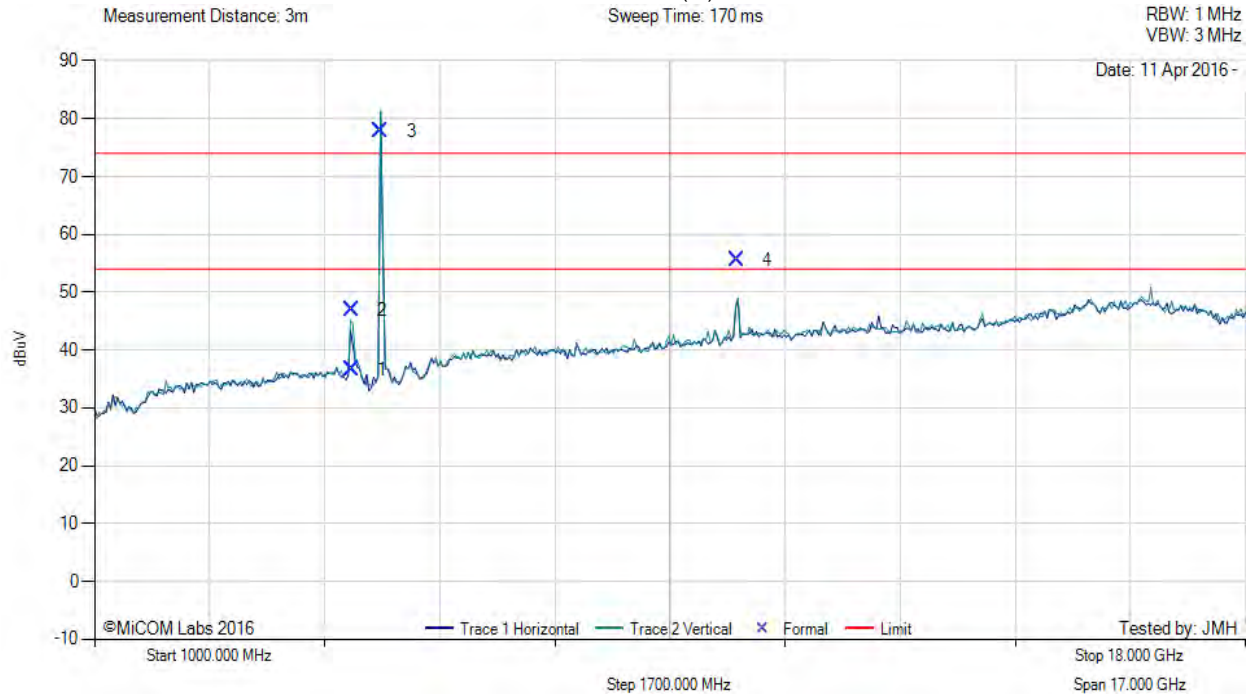


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 91, Duty Cycle (%): 94



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	4802.42	44.25	3.51	-11.12	36.64	Max Avg	Vertical	163	356	54.0	-17.4	Pass
2	4802.42	54.58	3.51	-11.12	46.97	Max Peak	Vertical	163	356	74.0	-27.0	Pass
3	5232.59	85.66	3.63	-11.39	77.90	Fundamental	Vertical	101	0	--	--	
4	10484.86	54.55	5.41	-4.42	55.54	Peak (NRB)	Horizontal	151	0	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund. +1 dB for external cables.

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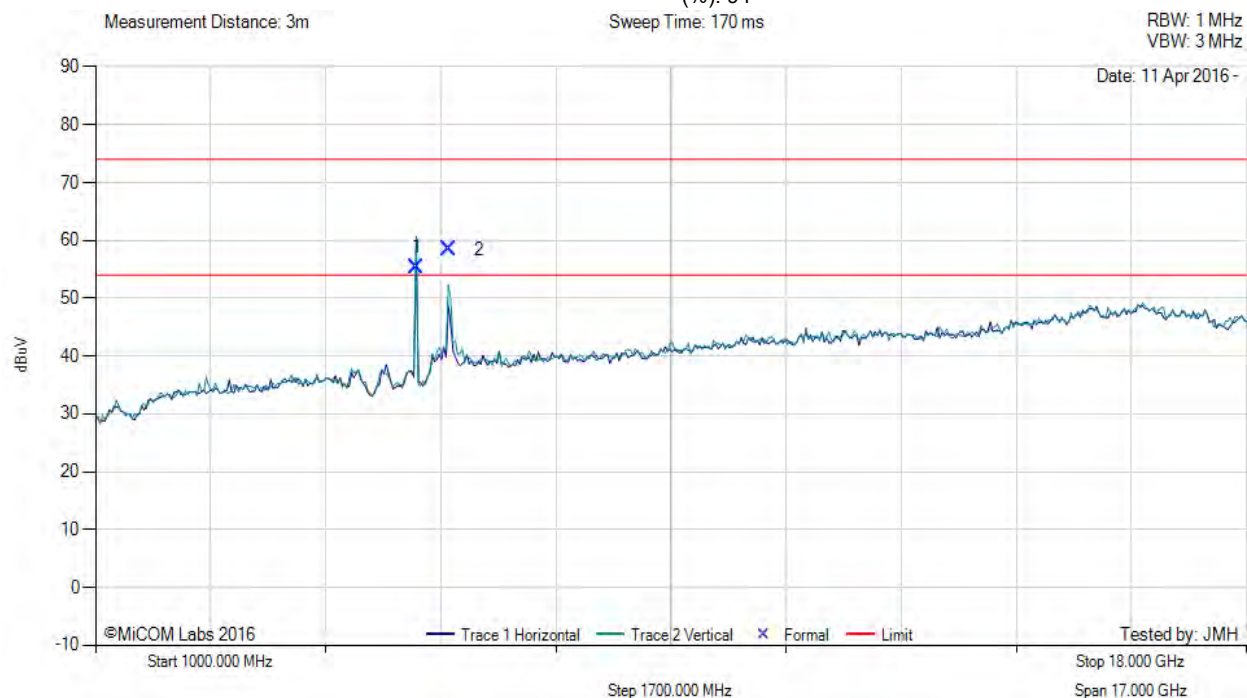


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	5738.08	62.22	3.82	-10.67	55.37	Fundamental	Vertical	101	0	--	--	
2	6222.00	63.20	3.92	-8.76	58.36	Peak (NRB)	Vertical	151	0	--	--	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund. +1 dB for external cables.

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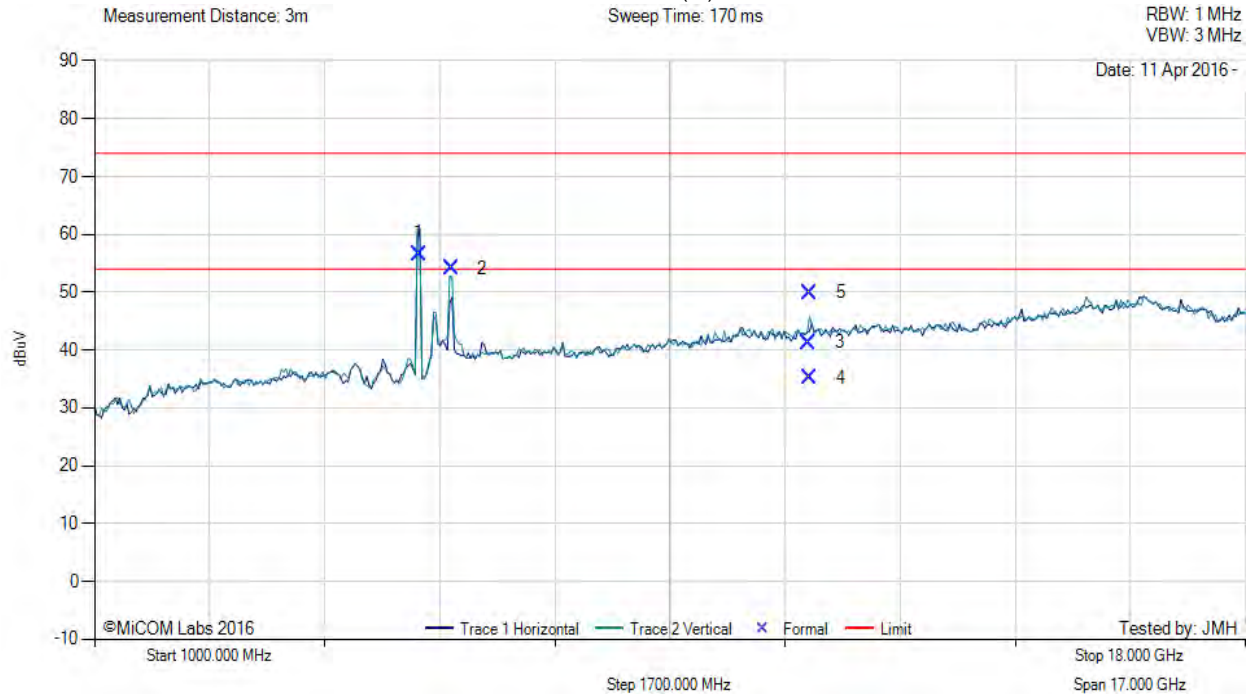


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5789.46	63.24	3.79	-10.42	56.61	Fundamental	Vertical	101	1	--	--	
2	6274.71	58.74	3.92	-8.50	54.16	Peak (NRB)	Vertical	200	18	--	--	Pass
3	11551.00	40.25	5.77	-4.71	41.31	Peak (Scan)	Vertical	200	0	74.0	-32.7	Pass
4	11572.80	34.43	5.42	-4.63	35.22	Max Avg	Vertical	192	8	54.0	-18.8	Pass
5	11572.80	49.10	5.42	-4.63	49.89	Max Peak	Vertical	192	8	74.0	-24.1	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund. +1 dB for external cables.

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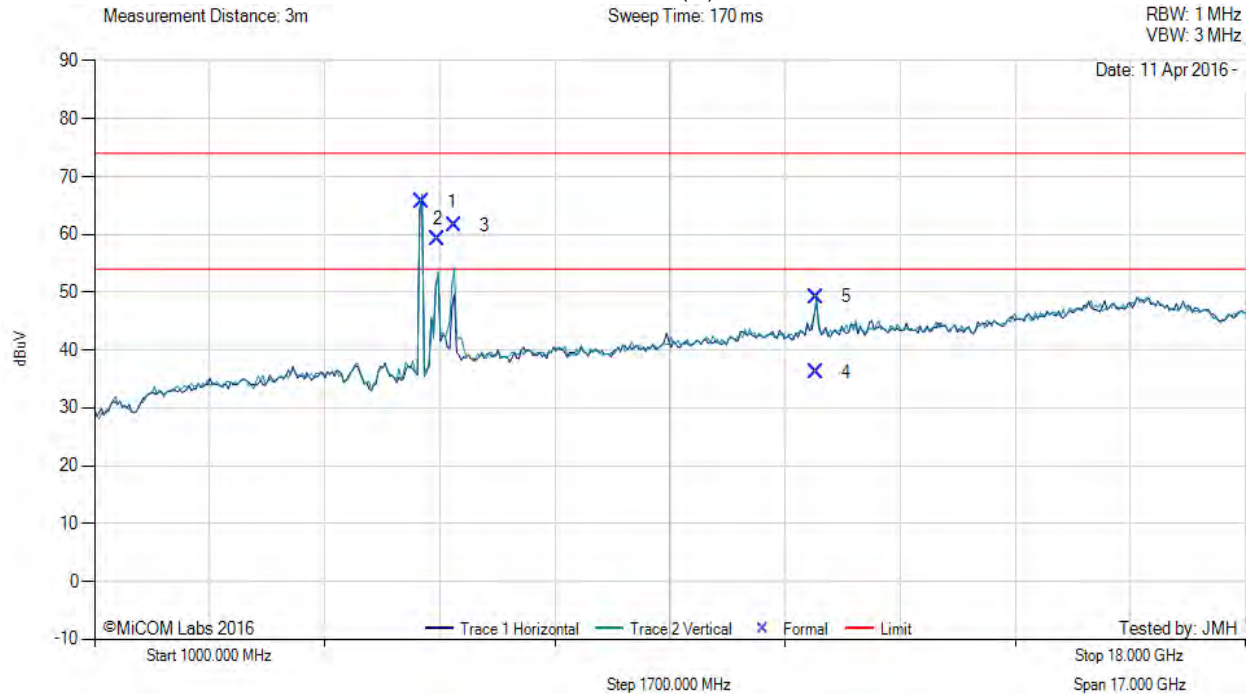


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	5829.30	72.02	3.84	-10.23	65.63	Fundamental	Vertical	101	1	--	--	
2	6070.74	64.93	3.88	-9.60	59.21	Peak (NRB)	Vertical	200	1	--	--	Pass
3	6308.42	65.94	3.92	-8.39	61.47	Peak (NRB)	Vertical	200	1	--	--	Pass
4	11650.87	35.19	5.46	-4.47	36.18	Max Avg	Vertical	125	3	54.0	-17.8	Pass
5	11650.87	48.23	5.46	-4.47	49.22	Max Peak	Vertical	125	3	74.0	-24.8	Pass

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 5G notch to protect RCVR from fund. +1 dB for external cables.

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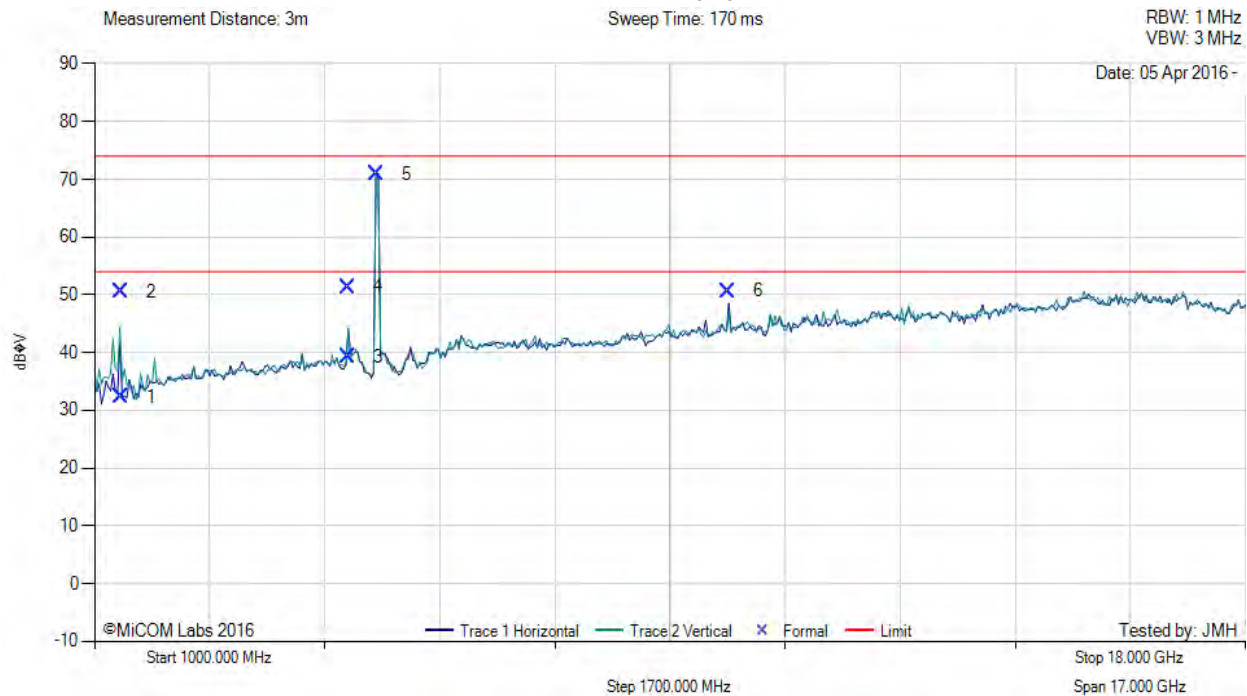
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A.3.1.6. Aruba Networks Integral



RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 94, Duty Cycle (%): 94.0



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	1394.97	45.54	2.25	-15.54	32.25	Max Avg	Vertical	112	319	54.0	-21.8	Pass
2	1394.97	63.83	2.25	-15.54	50.54	Max Peak	Vertical	112	319	74.0	-23.5	Pass
3	4746.63	46.82	3.55	-11.11	39.26	Max Avg	Horizontal	127	312	54.0	-14.7	Pass
4	4746.63	58.95	3.55	-11.11	51.39	Max Peak	Horizontal	127	312	74.0	-22.6	Pass
5	5170.38	78.65	3.71	-11.53	70.83	Fundamental	Horizontal	101	1	--	--	
6	10361.47	50.35	5.57	-5.26	50.66	Peak (NRB)	Horizontal	101	118	--	--	Pass

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

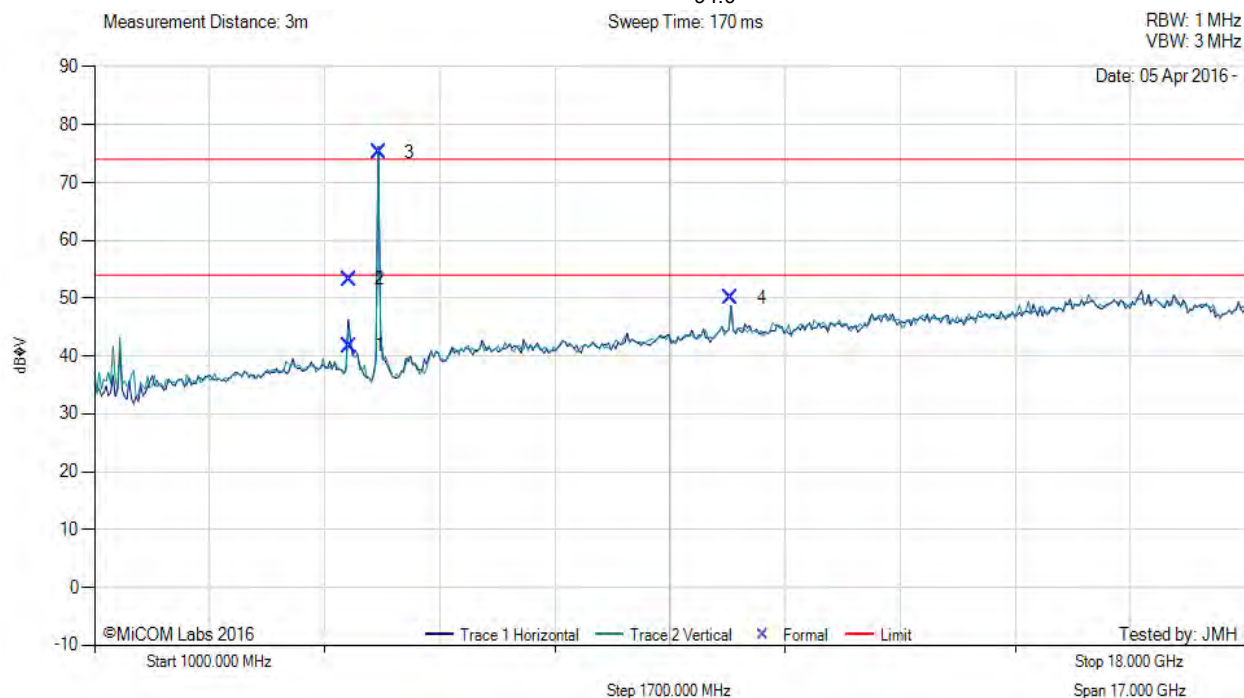
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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 94, Duty Cycle (%): 94.0



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	4765.08	49.27	3.59	-11.11	41.75	Max Avg	Horizontal	107	314	54.0	-12.3	Pass
2	4765.08	60.79	3.59	-11.11	53.27	Max Peak	Horizontal	107	314	74.0	-20.7	Pass
3	5201.72	82.94	3.66	-11.46	75.14	Fundamental	Horizontal	101	1	--	--	
4	10401.81	49.66	5.42	-5.02	50.06	Peak (NRB)	Horizontal	100	0	--	--	Pass

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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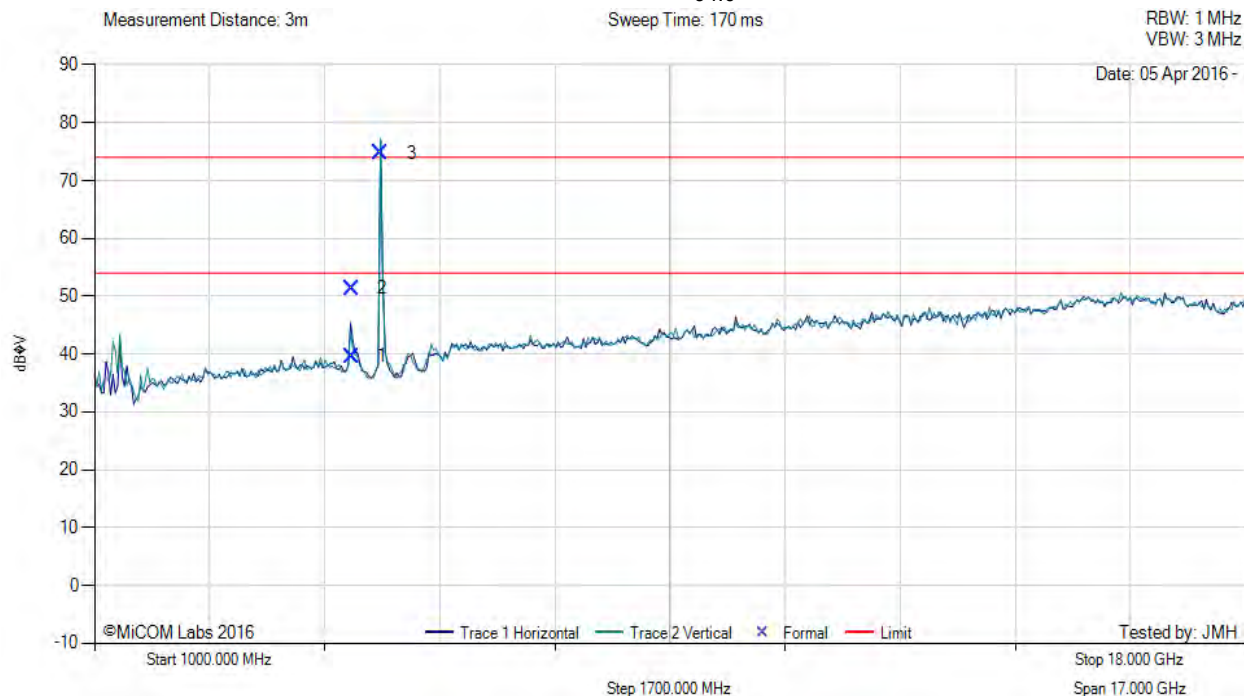


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 91, Duty Cycle (%): 94.0



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	47.22	3.51	-11.12	39.61	Max Avg	Horizontal	139	318	54.0	-14.4	Pass
2	4802.02	58.97	3.51	-11.12	51.36	Max Peak	Horizontal	139	318	74.0	-22.6	Pass
3	5232.51	82.41	3.63	-11.39	74.65	Fundamental	Vertical	101	1	--	--	

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

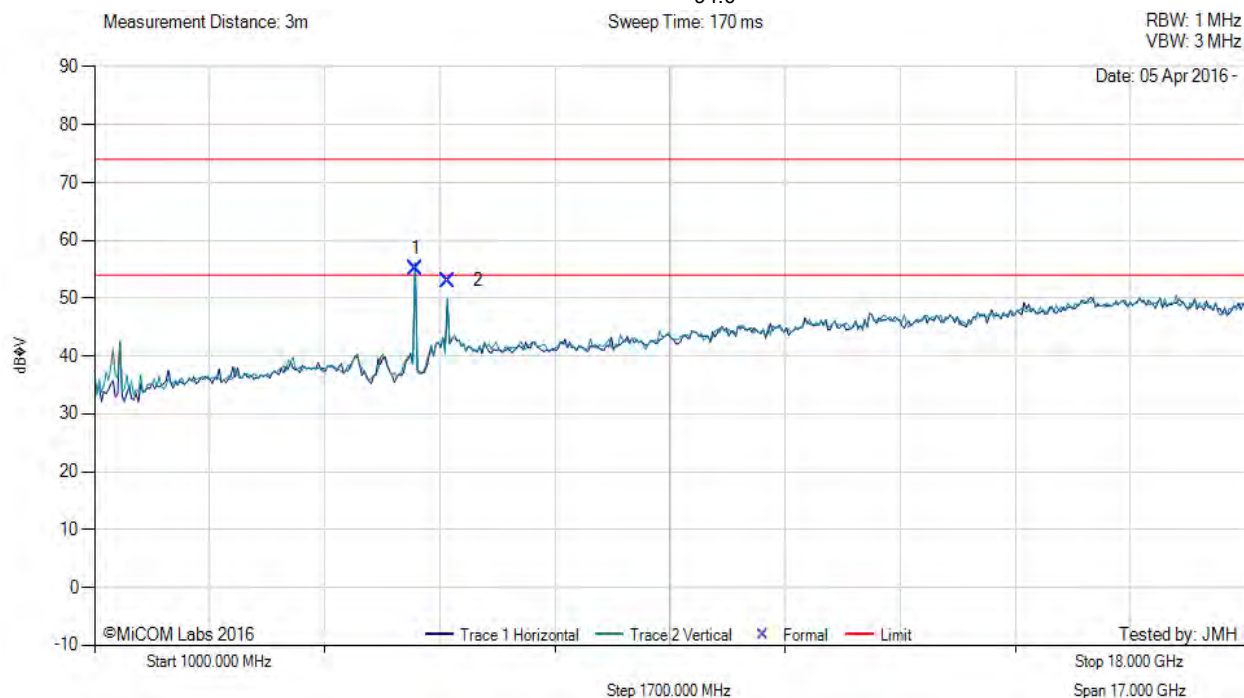
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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0



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	5740.08	61.96	3.83	-10.67	55.12	Fundamental	Vertical	101	22	--	--	
2	6221.80	57.87	3.92	-8.76	53.03	Peak (NRB)	Vertical	101	162	--	--	Pass

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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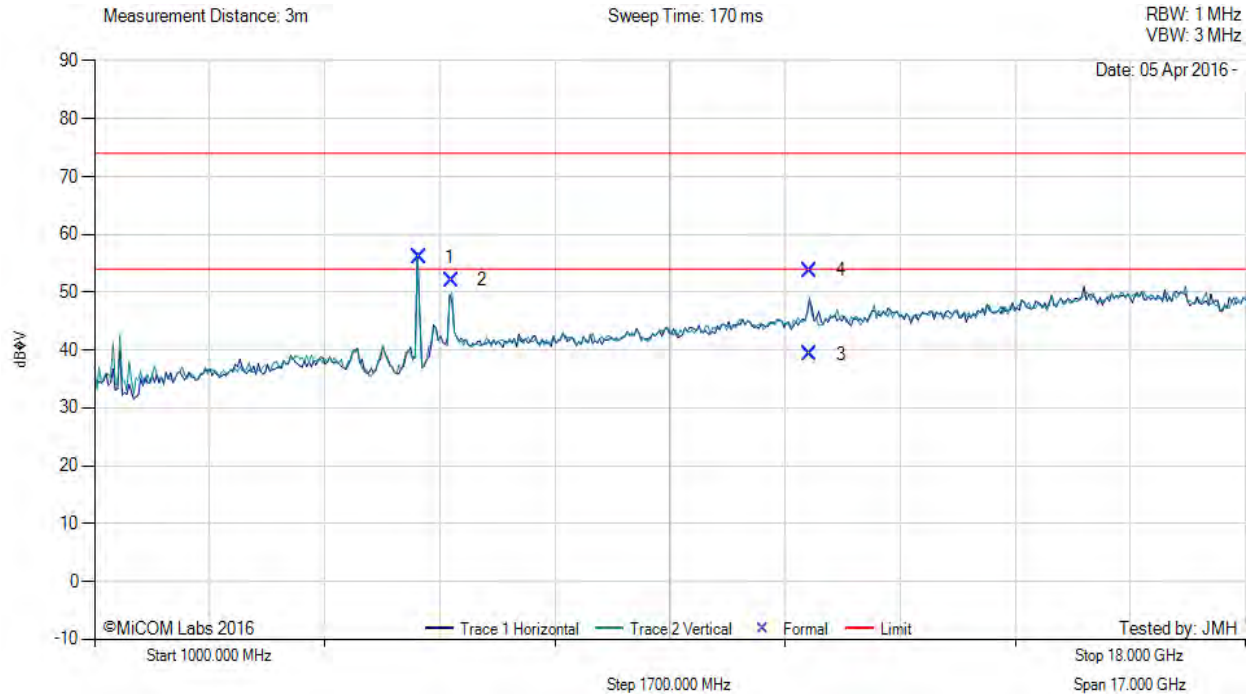


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0



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	5791.58	62.68	3.78	-10.40	56.06	Fundamental	Vertical	101	7	--	--	
2	6270.14	56.66	3.93	-8.51	52.08	Peak (NRB)	Horizontal	101	7	--	--	Pass
3	11569.46	38.51	5.48	-4.65	39.34	Max Avg	Horizontal	113	333	54.0	-14.7	Pass
4	11569.46	52.92	5.48	-4.65	53.75	Max Peak	Horizontal	113	333	74.0	-20.3	Pass

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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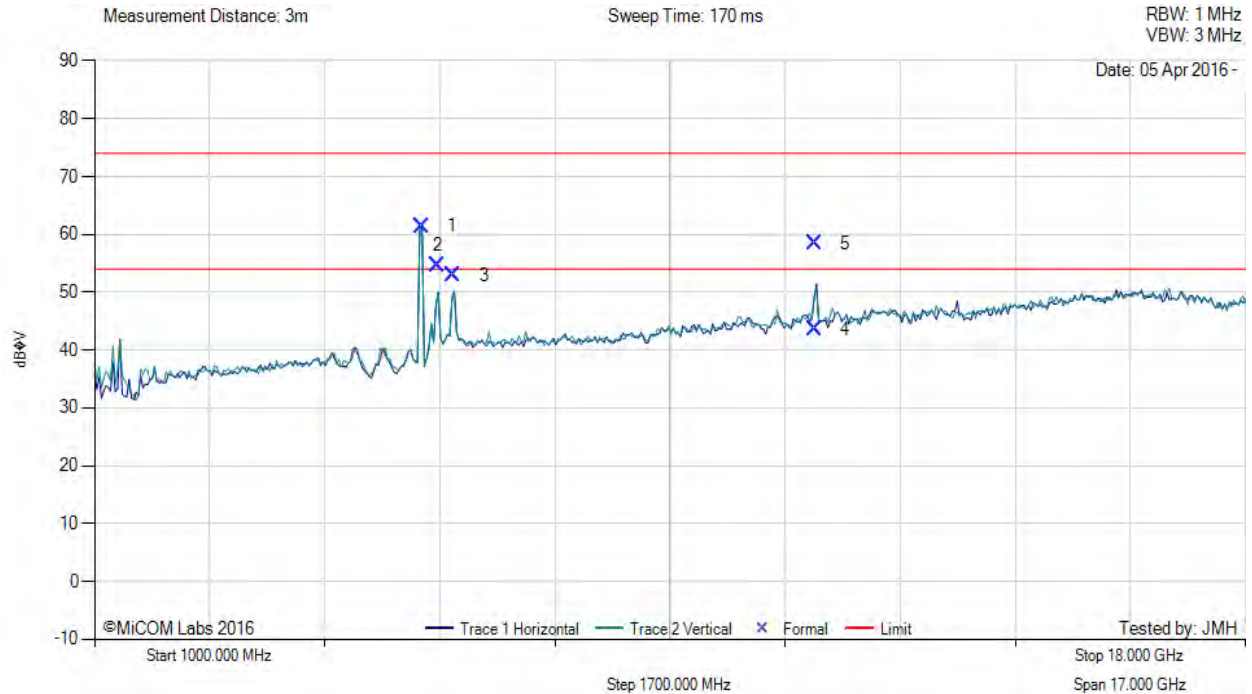


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RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0



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	5830.75	67.77	3.84	-10.22	61.39	Fundamental	Vertical	101	6	--	--	
2	6071.10	60.34	3.88	-9.60	54.62	Peak (NRB)	Horizontal	200	79	--	--	Pass
3	6304.89	57.34	3.94	-8.40	52.88	Peak (NRB)	Horizontal	200	79	--	--	Pass
4	11643.13	42.59	5.47	-4.47	43.59	Max Avg	Horizontal	125	324	54.0	-10.4	Pass
5	11643.13	57.48	5.47	-4.47	58.48	Max Peak	Horizontal	125	324	74.0	-15.5	Pass

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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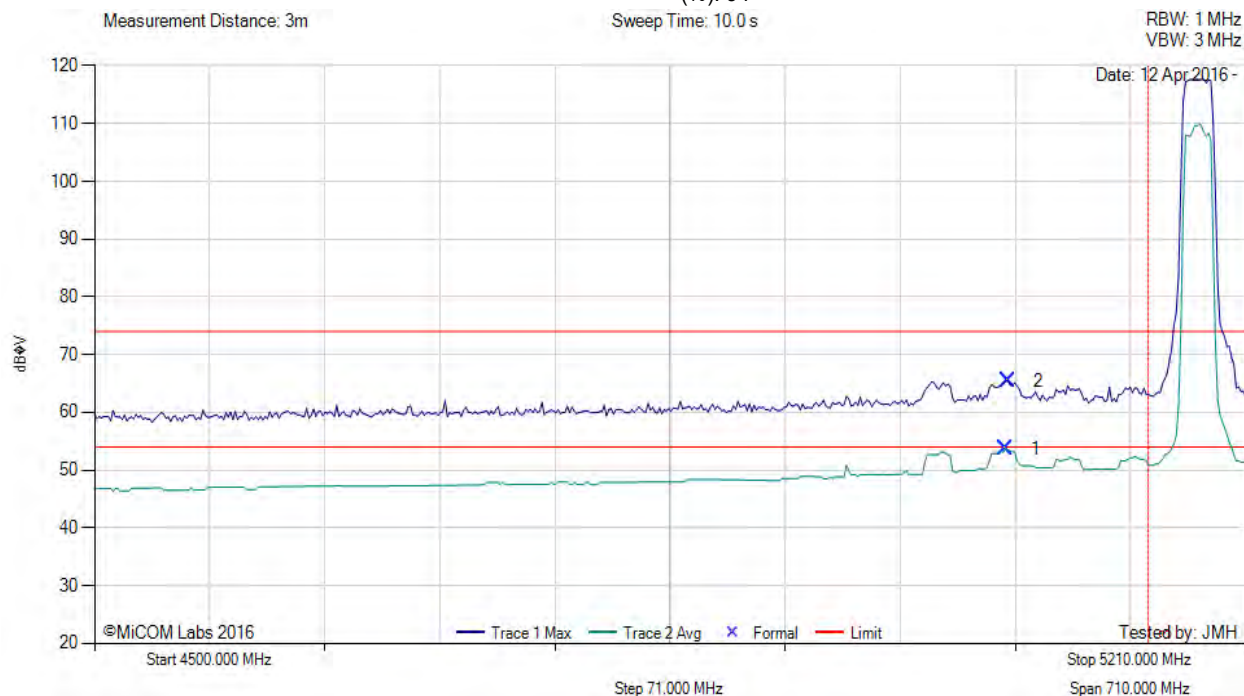
A.3.2. Restricted Band-Edge Emissions

A.3.2.7. Aruba Networks ANT-2x2-5314



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 48, Duty Cycle (%): 94



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	5062.02	15.88	3.65	34.19	53.72	Max Avg	Horizontal	153	361	54.0	-0.3	Pass
2	5063.45	27.66	3.66	34.18	65.50	Max Peak	Horizontal	153	361	74.0	-8.5	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB Pad to protect RCVR from fund. +1 dB for external cables. FUND Clipping at pwr levels > 48!

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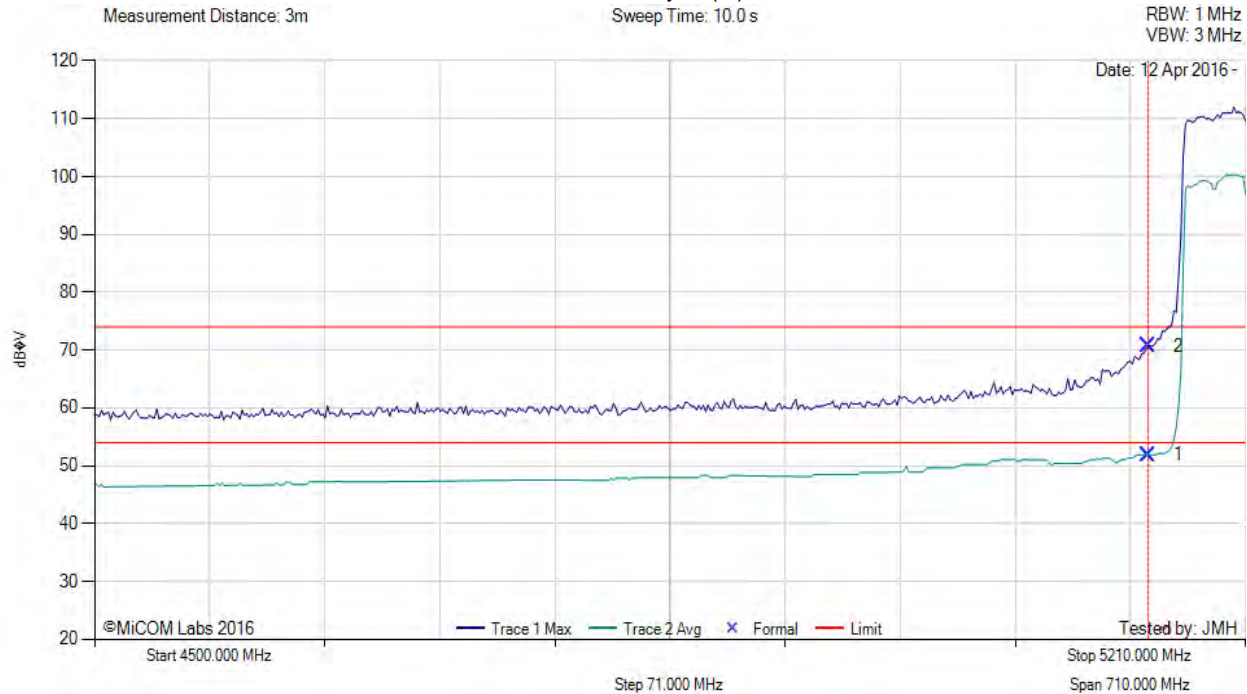


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 42, Duty Cycle (%): 94



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	14.11	3.67	34.11	51.89	Max Avg	Horizontal	153	362	54.0	-2.1	Pass
2	5150.00	32.91	3.67	34.11	70.69	Max Peak	Horizontal	153	362	74.0	-3.3	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB Pad to protect RCVR from fund. +1 dB for external cables. FUND Clipping at pwr levels > 42!

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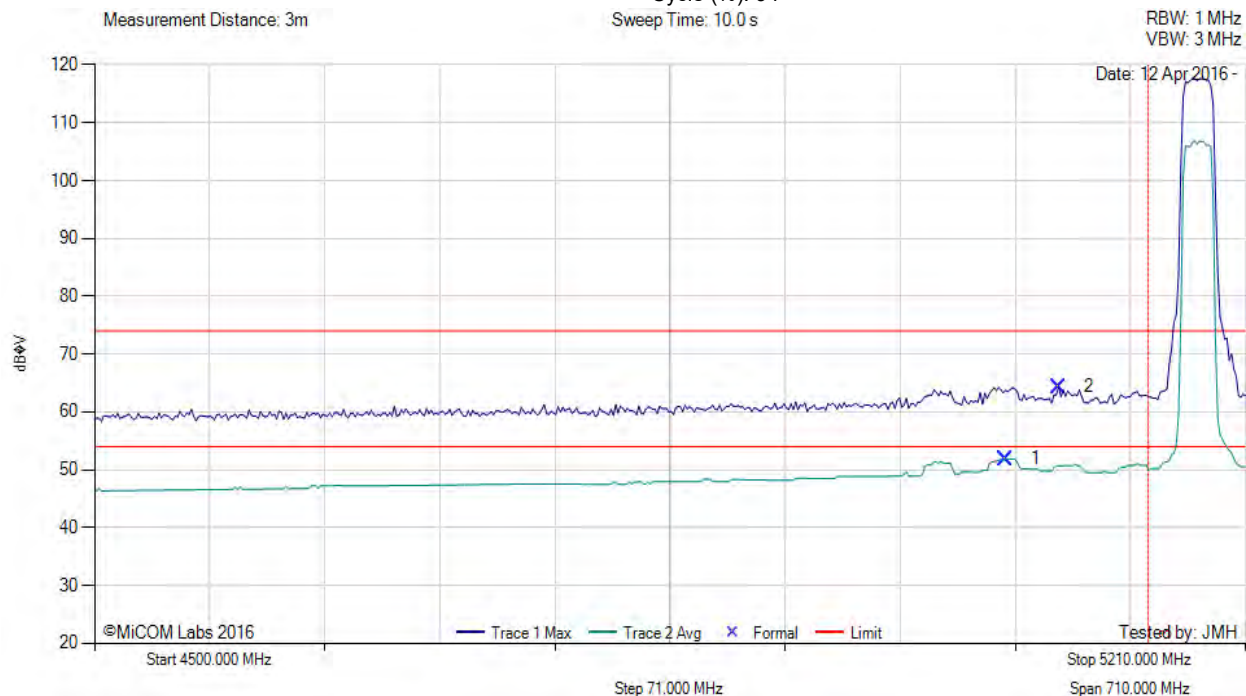


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 44, Duty Cycle (%): 94



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	5062.02	14.05	3.65	34.19	51.89	Max Avg	Horizontal	153	362	54.0	-2.1	Pass
2	5094.75	26.60	3.58	34.14	64.32	Max Peak	Horizontal	153	362	74.0	-9.7	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB Pad to protect RCVR from fund. +1 dB for external cables.FUND Clipping at pwr levels > 44!

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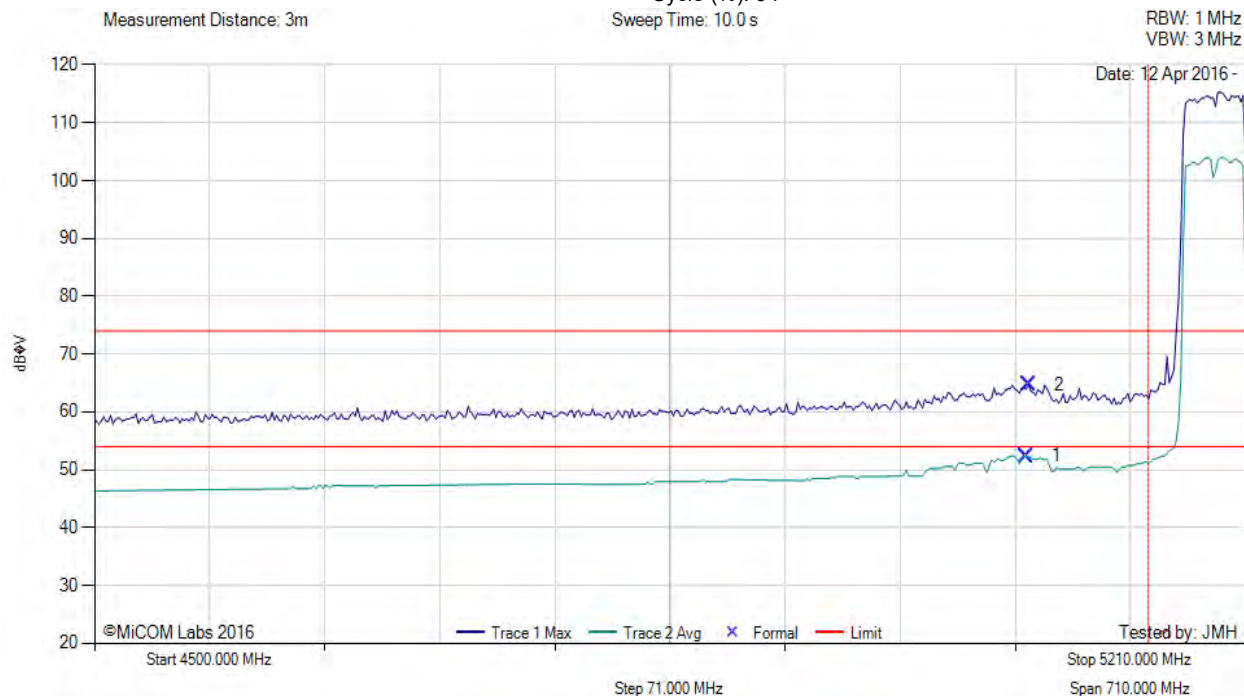


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 42, Duty Cycle (%): 94



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	5074.83	14.55	3.62	34.17	52.34	Max Avg	Horizontal	153	362	54.0	-1.7	Pass
2	5076.25	26.88	3.62	34.17	64.67	Max Peak	Horizontal	153	362	74.0	-9.3	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB Pad to protect RCVR from fund. +1 dB for external cables. FUND Clipping at pwr levels > 44!

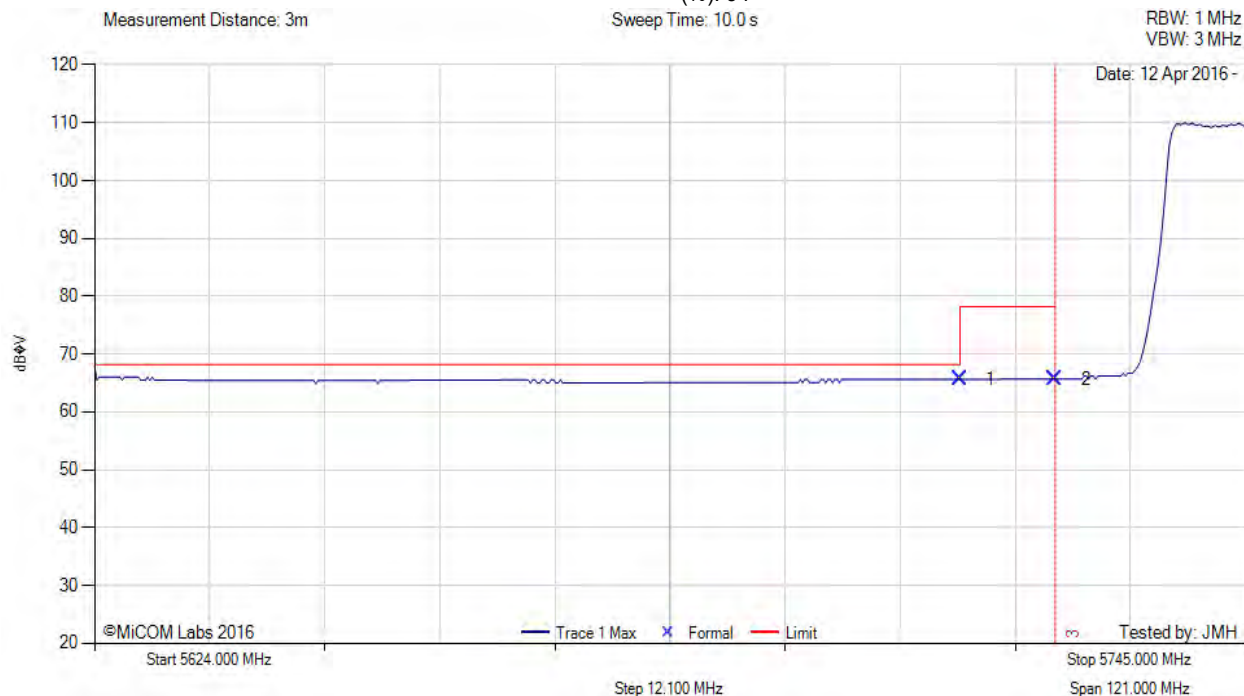
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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	27.50	3.81	34.34	65.65	Max Avg	Horizontal	169	362	68.2	-2.6	Pass
2	5725.00	27.53	3.79	34.35	65.67	Max Avg	Horizontal	169	362	78.2	-12.6	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 12 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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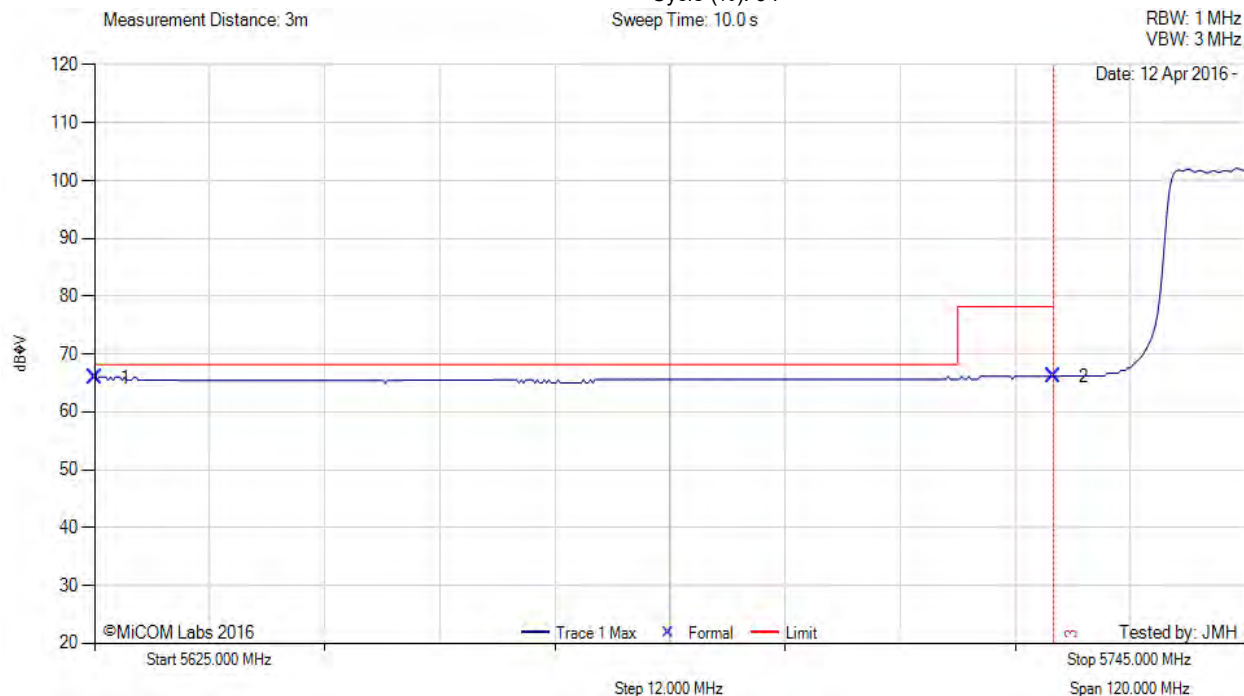


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 62, Duty Cycle (%): 94



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	5625.00	27.89	3.76	34.21	65.86	Max Avg	Horizontal	169	362	68.2	-2.4	Pass
2	5725.00	28.06	3.79	34.35	66.20	Max Avg	Horizontal	169	362	78.2	-12.0	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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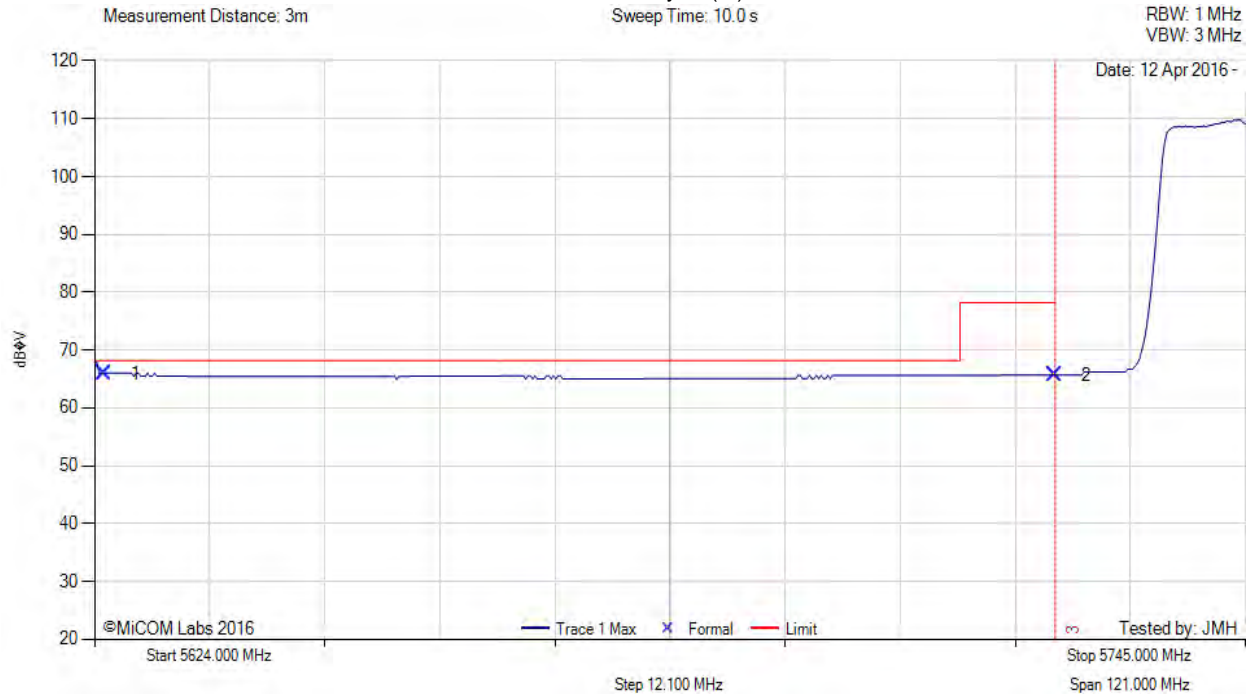


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	5625.07	27.89	3.76	34.21	65.86	Max Avg	Horizontal	169	362	68.2	-2.4	Pass
2	5725.00	27.53	3.79	34.35	65.67	Max Avg	Horizontal	169	362	78.2	-12.6	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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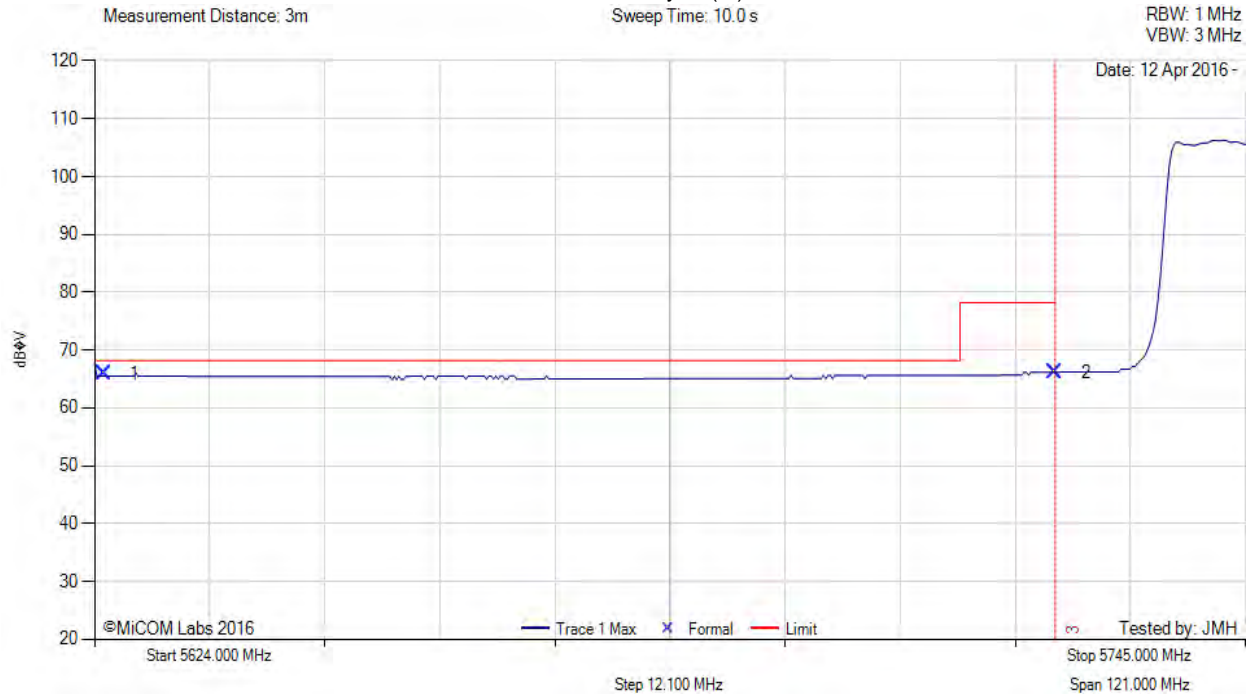


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	5625.00	27.90	3.76	34.20	65.86	Max Avg	Horizontal	169	362	68.2	-2.4	Pass
2	5725.00	28.06	3.79	34.35	66.20	Max Avg	Horizontal	169	362	78.2	-12.0	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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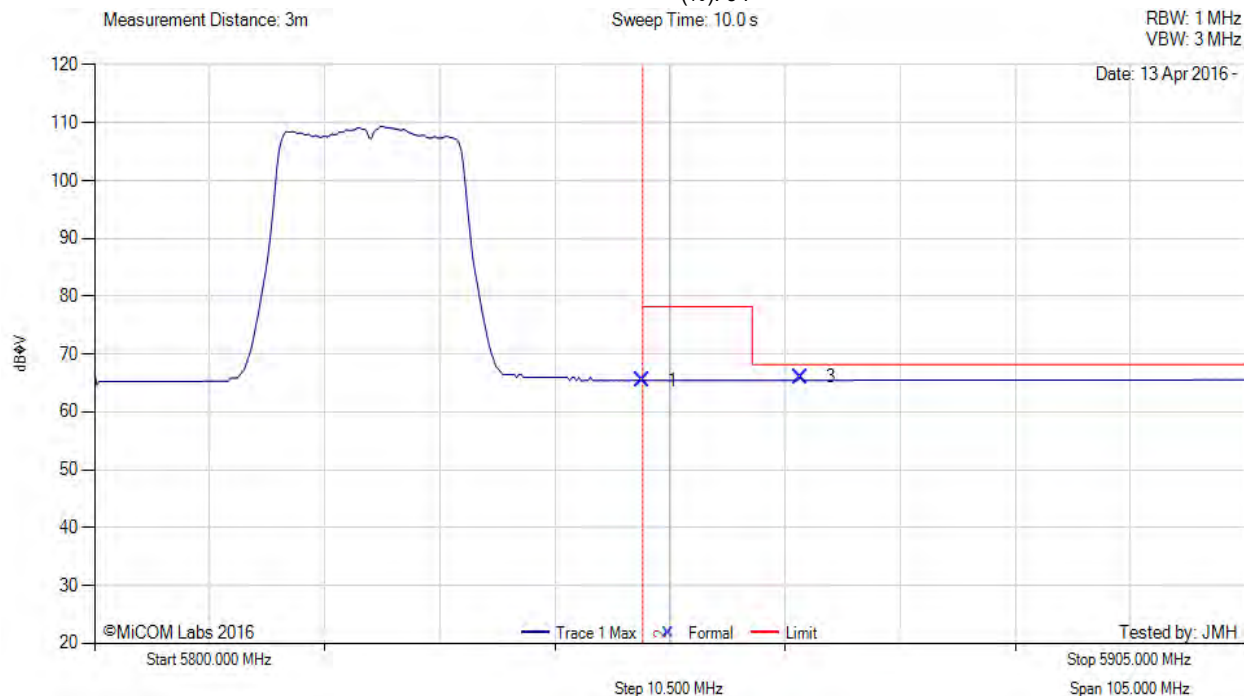


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	26.99	3.81	34.63	65.43	Max Avg	Horizontal	167	361	78.2	-12.8	Pass
3	5864.42	27.53	3.84	34.66	66.03	Max Avg	Horizontal	167	361	68.2	-2.2	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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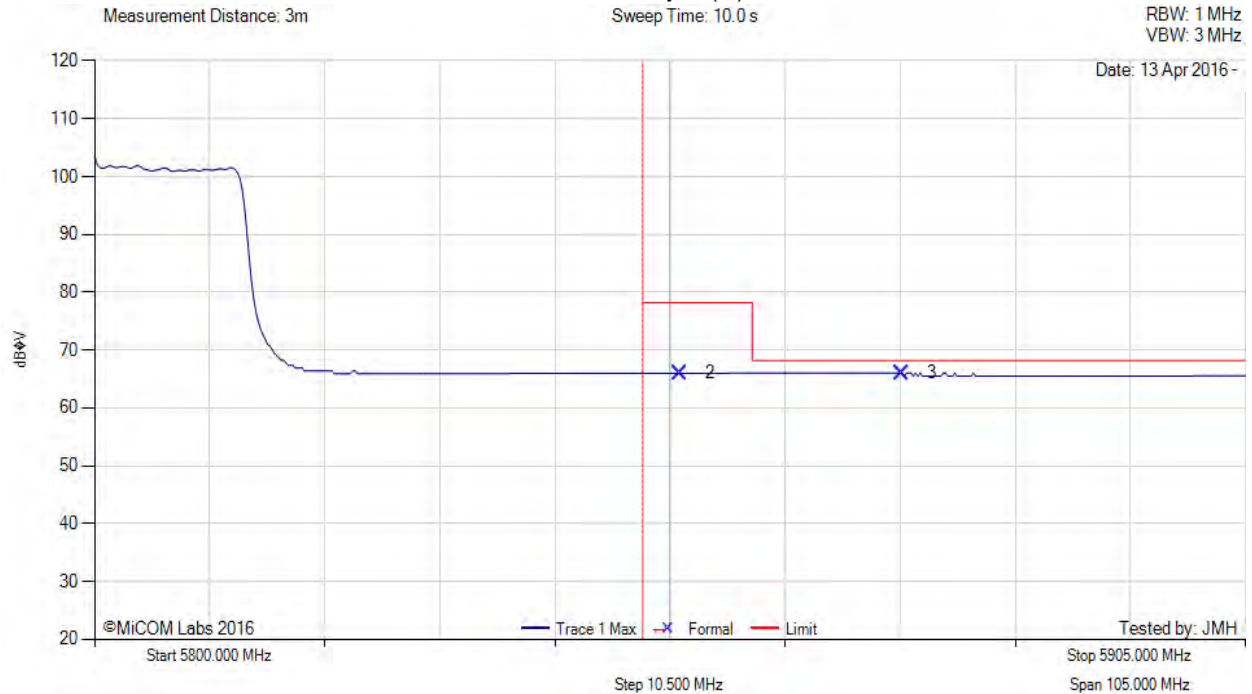


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 62, Duty Cycle (%): 94



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
2	5853.37	27.56	3.82	34.63	66.01	Max Avg	Horizontal	167	361	78.2	-12.2	Pass
3	5873.65	27.56	3.80	34.69	66.05	Max Avg	Horizontal	167	361	68.2	-2.2	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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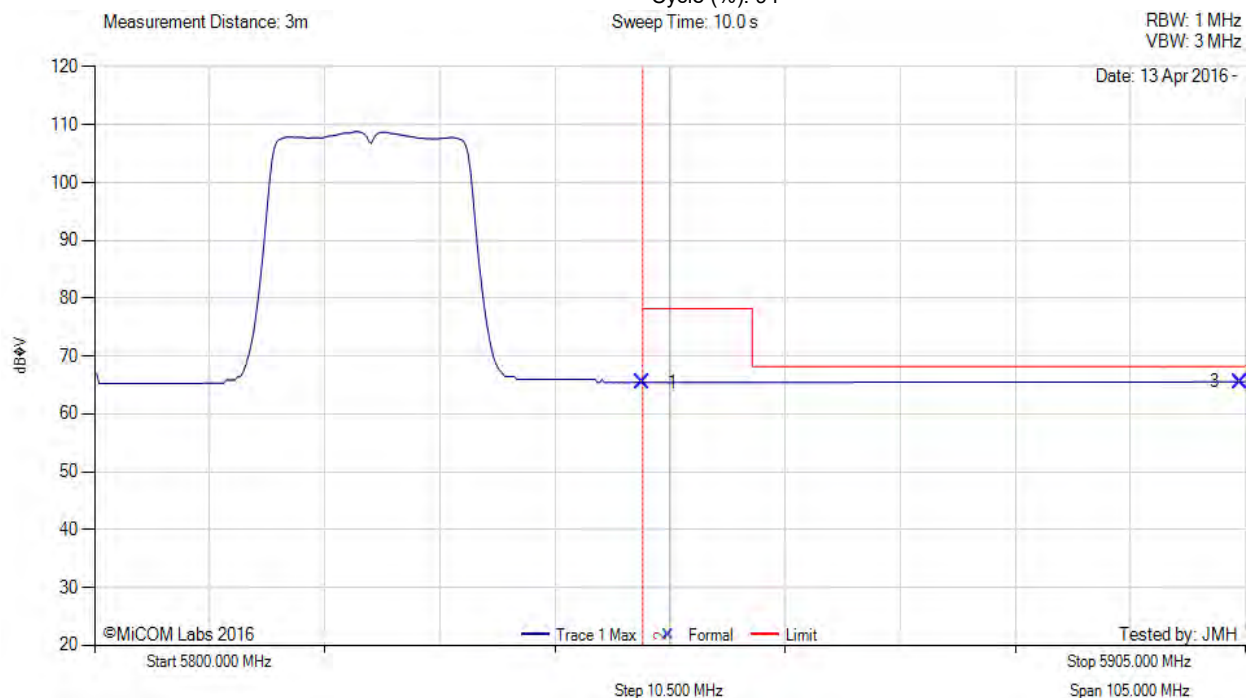


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	26.99	3.81	34.63	65.43	Max Avg	Horizontal	167	361	78.2	-12.8	Pass
3	5904.58	26.95	3.82	34.78	65.55	Max Avg	Horizontal	167	361	68.2	-2.7	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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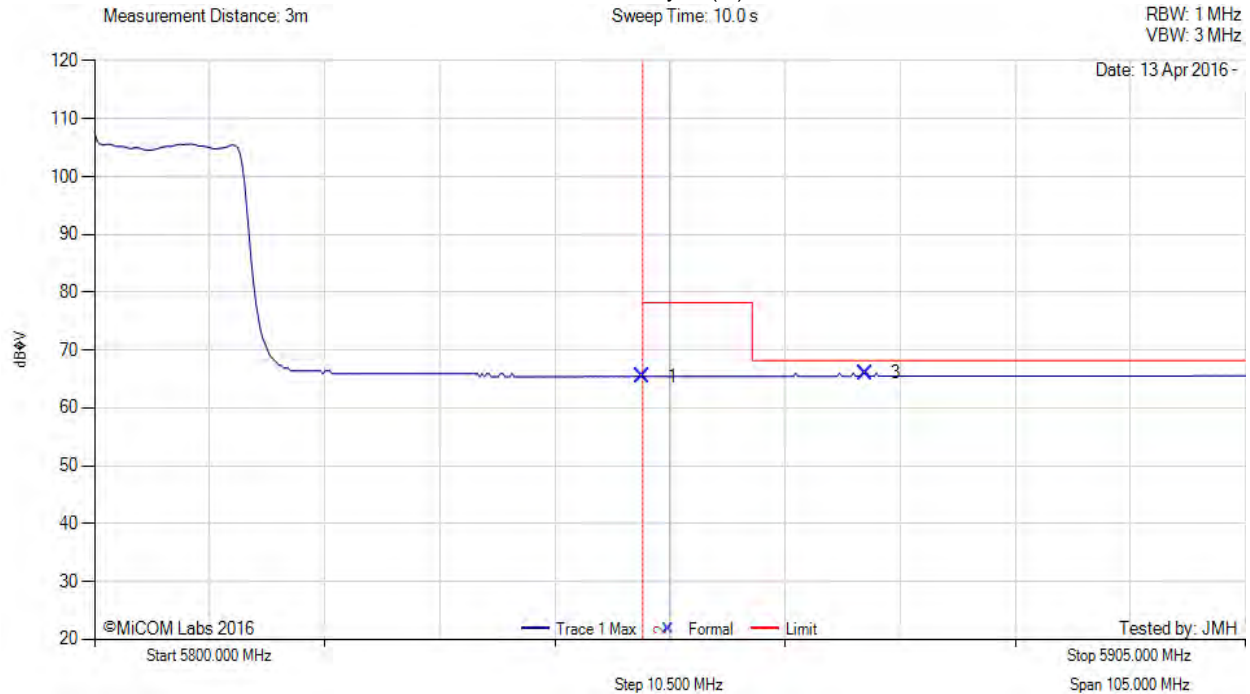


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks ANT-2x2-5314, Power Setting: 63, Duty Cycle (%): 94



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	26.99	3.81	34.63	65.43	Max Avg	Horizontal	167	361	78.2	-12.8	Pass
3	5870.31	27.55	3.81	34.68	66.04	Max Avg	Horizontal	167	361	68.2	-2.2	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 10 dB Pad to protect RCVR from fund. +1 dB for external cables. Max Cond Pwr - Ant Gain over 6 dBi

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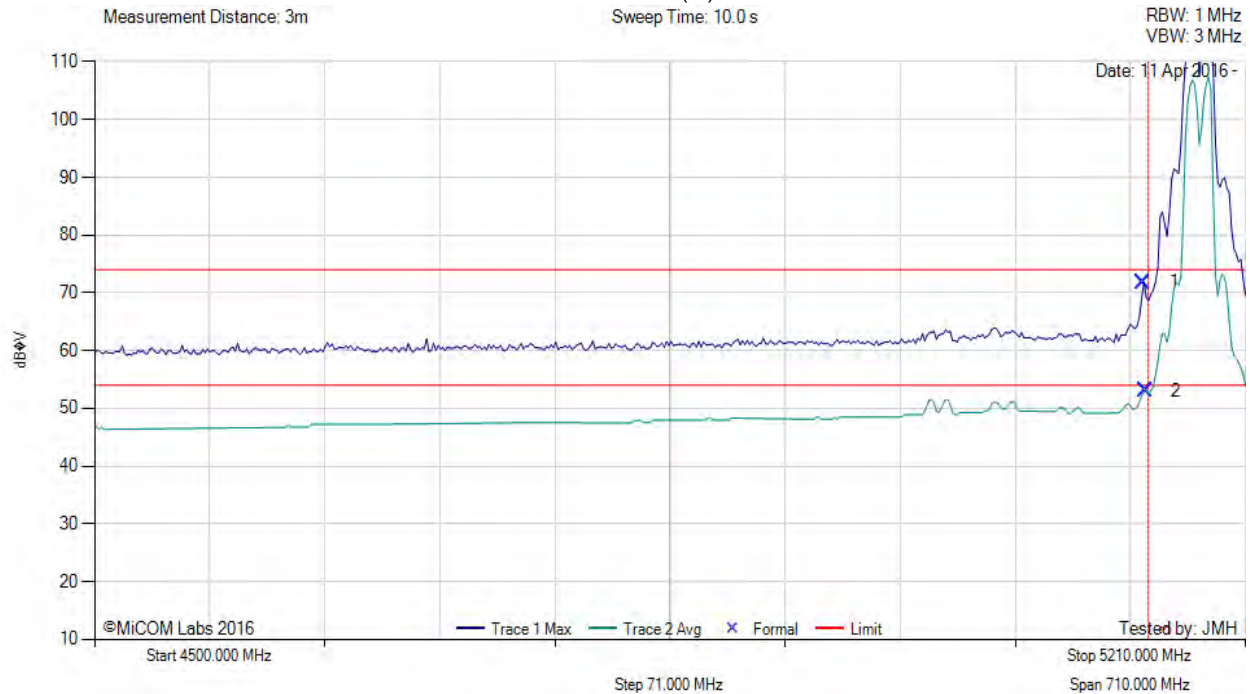
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A.3.2.8. Aruba Networks ANT-2x2-D607



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 94, Duty Cycle (%): 94



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	5147.15	34.08	3.68	34.11	71.87	Max Peak	Vertical	189	-2	74.0	-2.1	Pass
2	5148.58	15.30	3.67	34.11	53.08	Max Avg	Vertical	189	-2	54.0	-0.9	Pass
3	5150.00	--	--	--	--	Band Egde	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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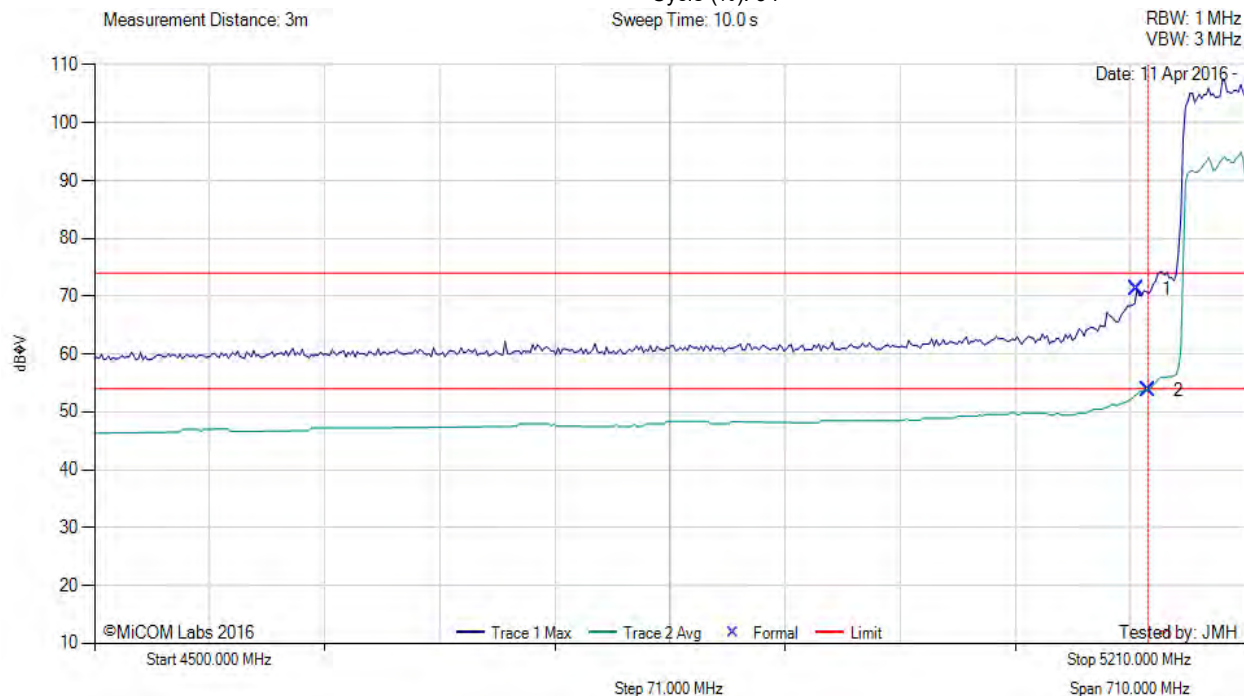


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 83, Duty Cycle (%): 94



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	5142.89	33.35	3.70	34.12	71.17	Max Peak	Vertical	189	-2	74.0	-2.8	Pass
2	5150.00	15.95	3.67	34.11	53.73	Max Avg	Vertical	189	-2	54.0	-0.3	Pass
3	5150.00	--	--	--	--	Band Egde	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

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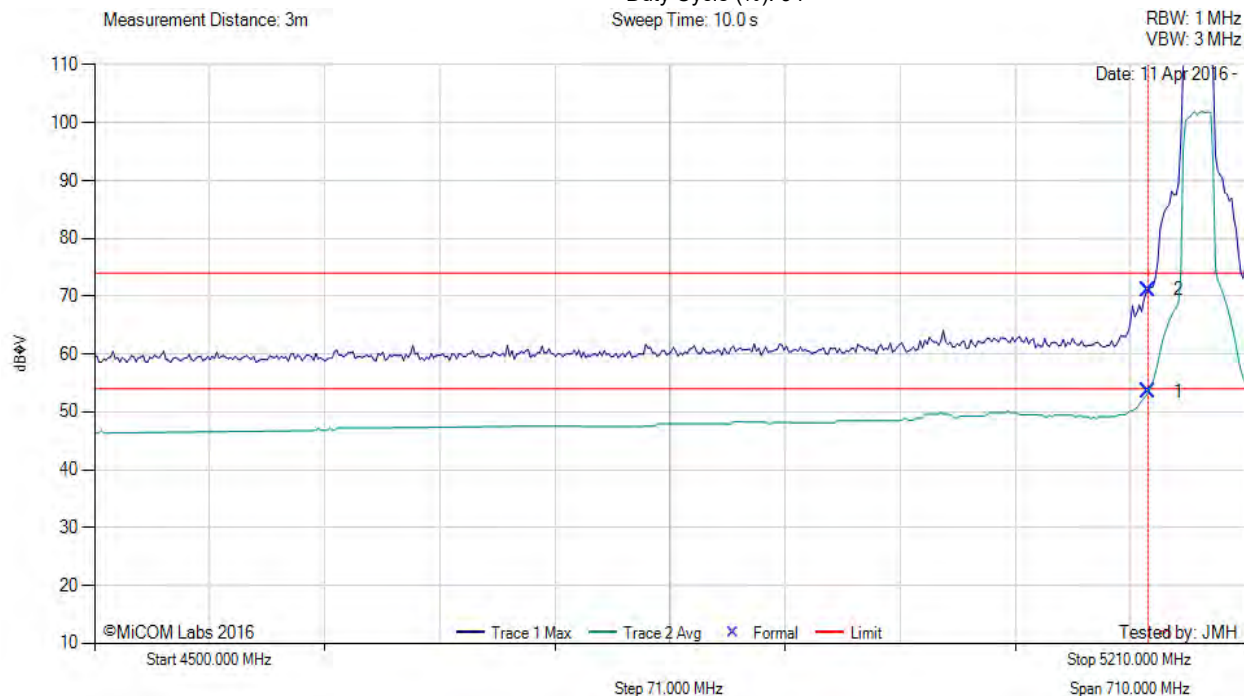


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 93,
Duty Cycle (%): 94



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	15.74	3.67	34.11	53.52	Max Avg	Vertical	189	-2	54.0	-0.5	Pass
2	5180.00	33.34	3.67	34.11	71.12	Max Peak	Vertical	189	-2	74.0	-2.9	Pass
3	5150.00	--	--	--	--	Band Egde	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

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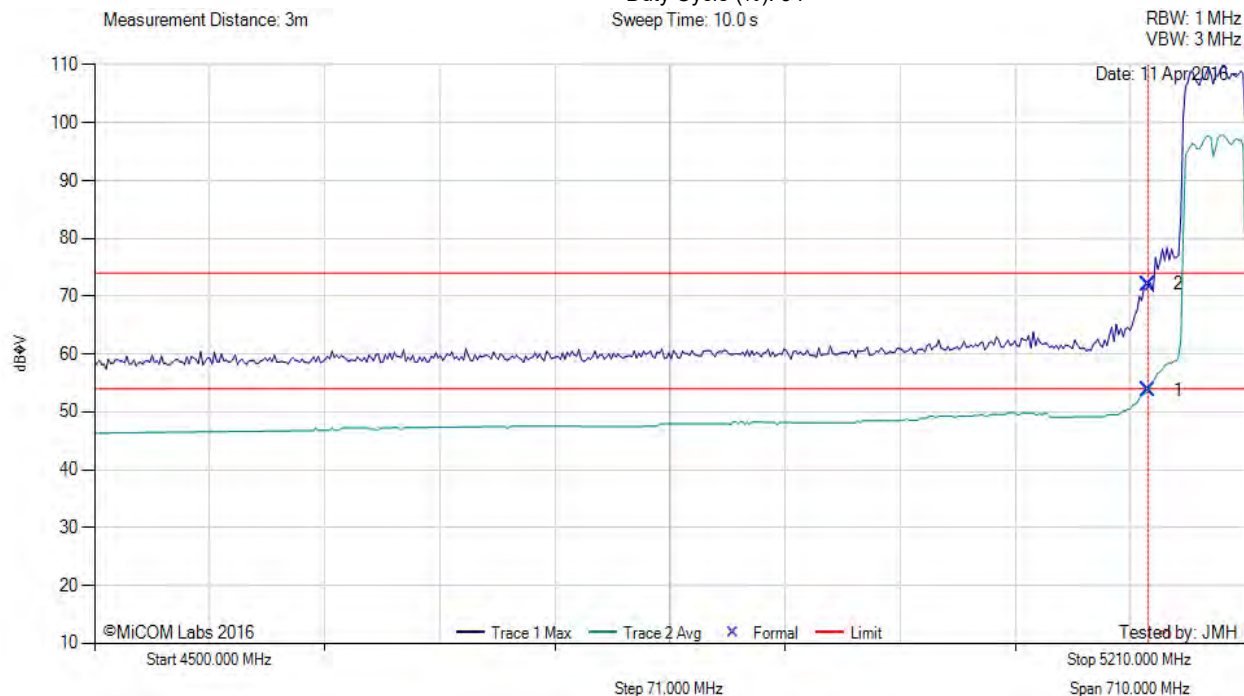


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 84, Duty Cycle (%): 94



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	15.95	3.67	34.11	53.73	Max Avg	Vertical	189	-2	54.0	-0.3	Pass
2	5150.00	34.29	3.67	34.11	72.07	Max Peak	Vertical	189	-2	74.0	-1.9	Pass
3	5150.00	--	--	--	--	Band Egde	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

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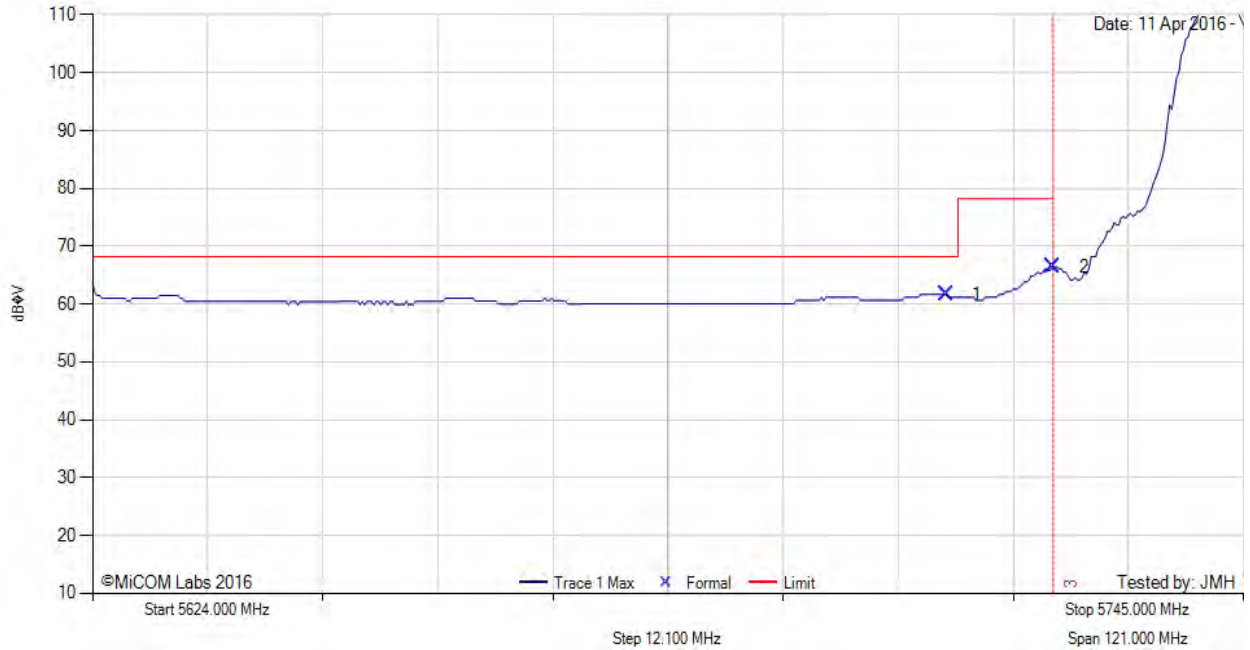
5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz



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	5713.79	23.51	3.82	34.34	61.67	Max Avg	Vertical	176	-1	68.2	-6.6	Pass
2	5725.00	28.27	3.79	34.35	66.41	Max Avg	Vertical	176	-1	78.2	-11.8	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

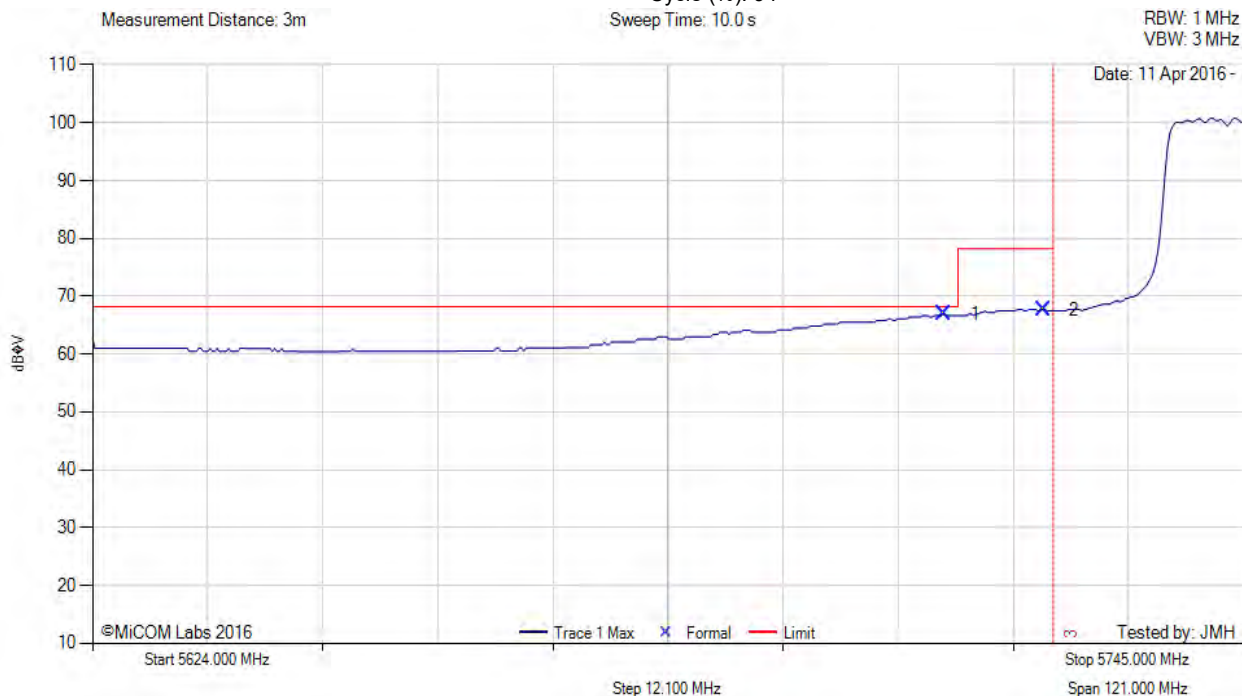
Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 94, Duty Cycle (%): 94



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	5713.55	28.78	3.82	34.34	66.94	Max Avg	Vertical	176	-1	68.2	-1.3	Pass
2	5724.03	29.57	3.79	34.35	67.71	Max Avg	Vertical	176	-1	78.2	-10.5	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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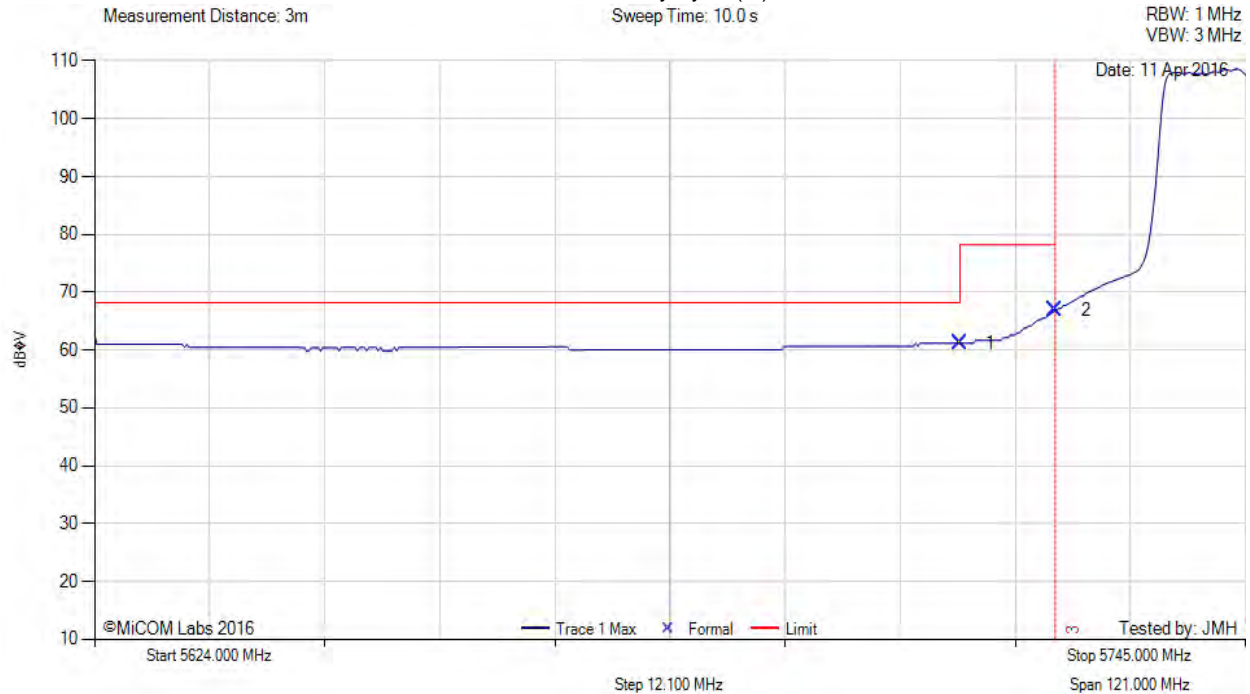


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	23.03	3.81	34.34	61.18	Max Avg	Vertical	176	-1	68.2	-7.1	Pass
2	5725.00	28.82	3.79	34.35	66.96	Max Avg	Vertical	176	-1	78.2	-11.3	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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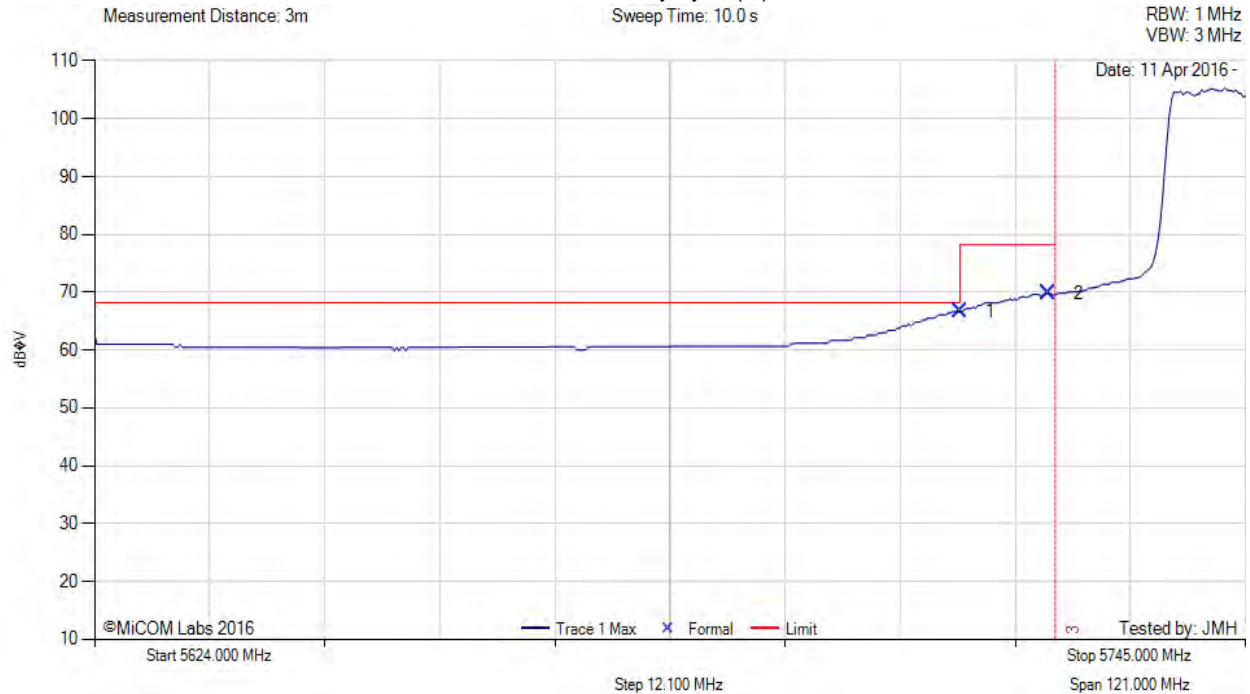


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	28.52	3.81	34.34	66.67	Max Avg	Vertical	176	-1	68.2	-1.6	Pass
2	5724.27	31.70	3.79	34.35	69.84	Max Avg	Vertical	176	-1	78.2	-8.4	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

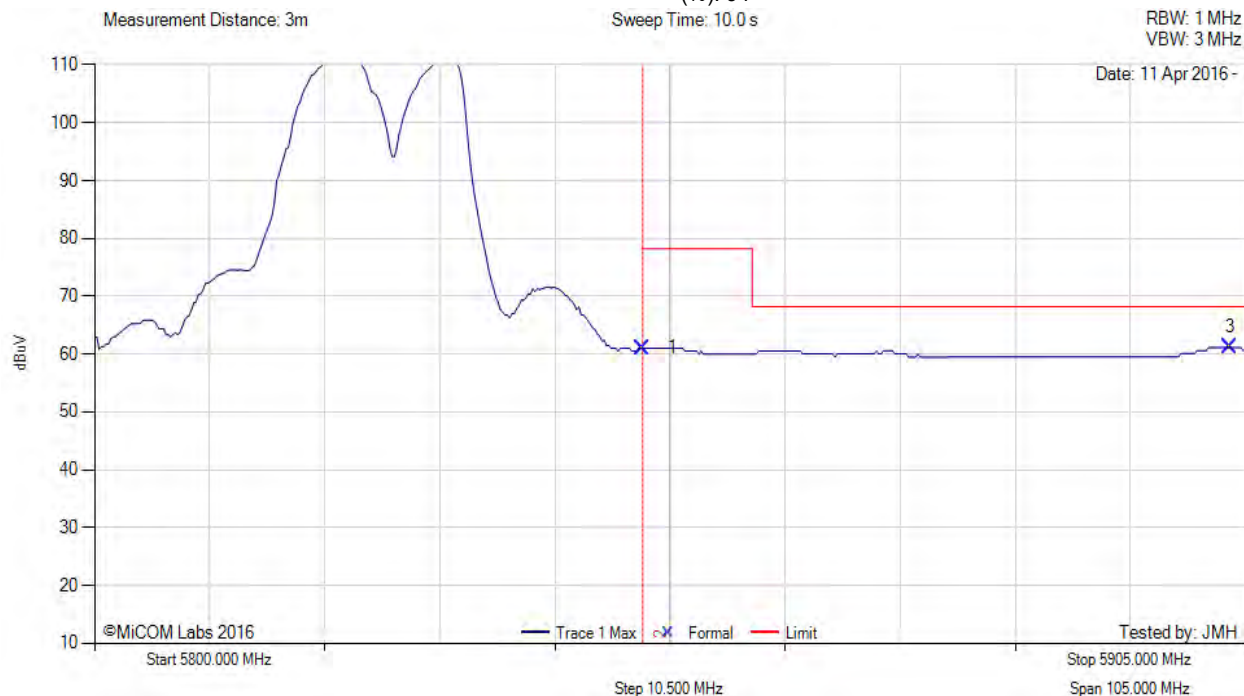
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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	22.58	3.81	34.63	61.02	Max Avg	Vertical	181	-2	78.2	-17.2	Pass
3	5903.56	22.54	3.82	34.77	61.13	Max Avg	Vertical	181	-2	78.2	-17.1	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

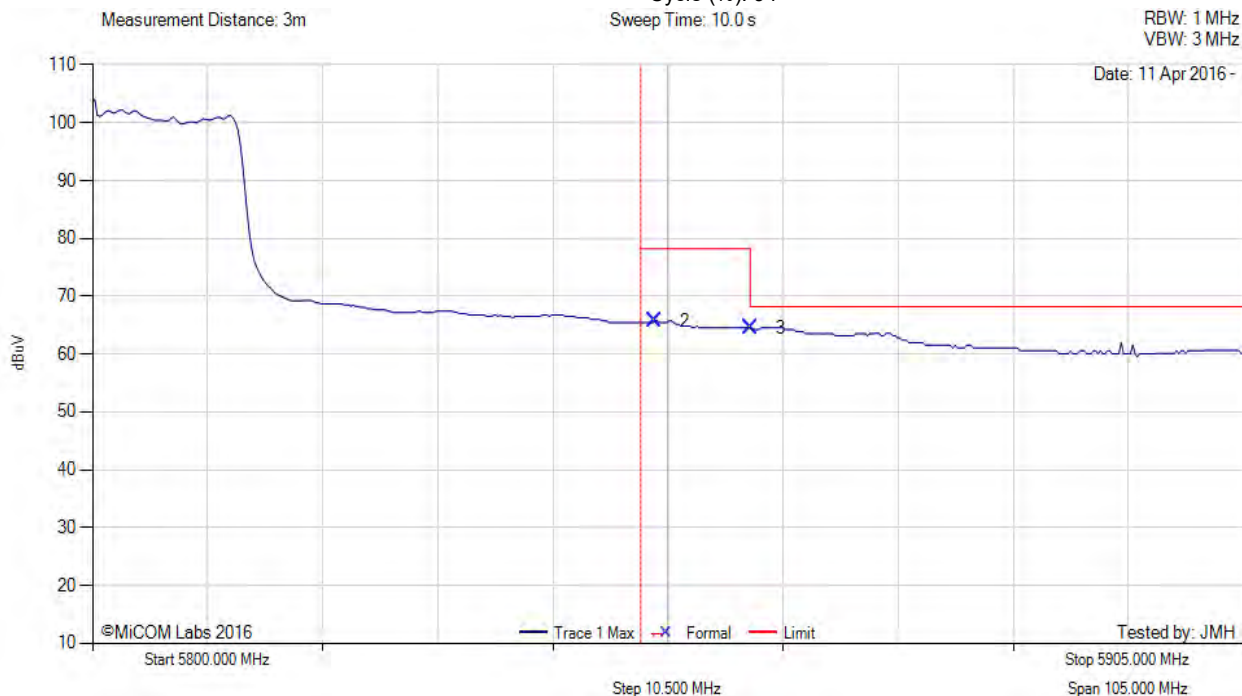
Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 94, Duty Cycle (%): 94



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
2	5851.26	27.30	3.81	34.63	65.74	Max Avg	Vertical	181	-2	78.2	-12.5	Pass
3	5860.00	26.06	3.86	34.65	64.57	Max Avg	Vertical	181	-2	78.2	-13.7	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

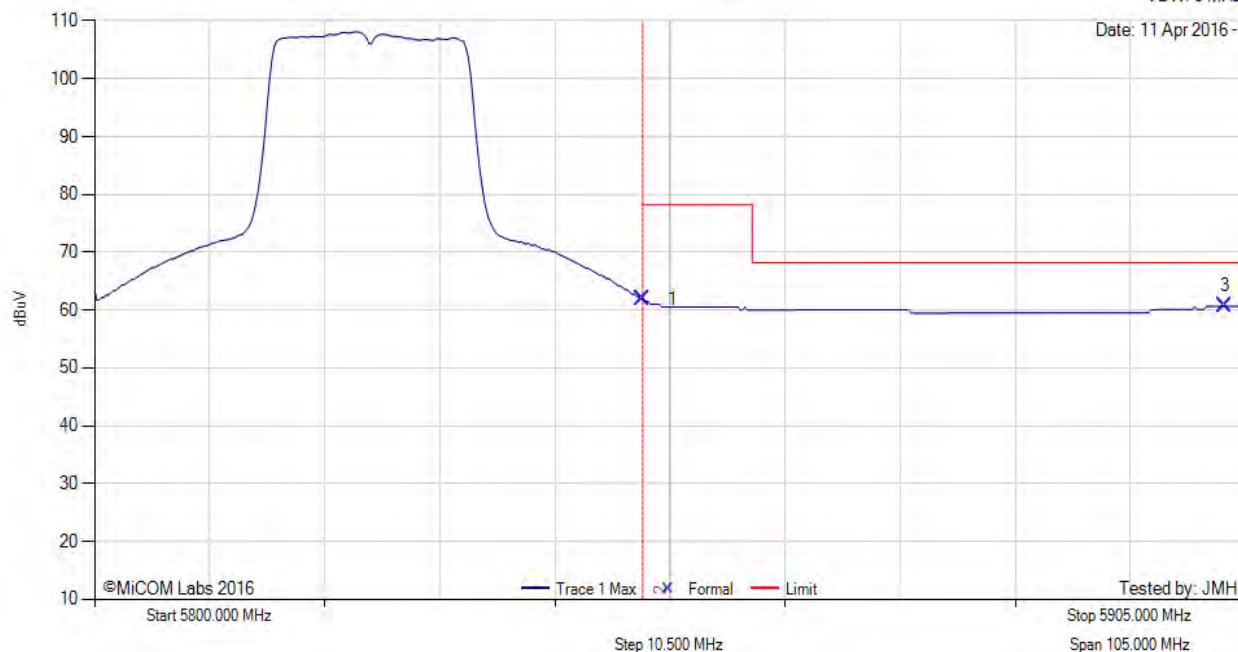
Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 11 Apr 2016 -



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	23.49	3.81	34.63	61.93	Max Avg	Vertical	181	-2	78.2	-16.3	Pass
3	5903.11	22.04	3.82	34.77	60.63	Max Avg	Vertical	181	-2	78.2	-17.6	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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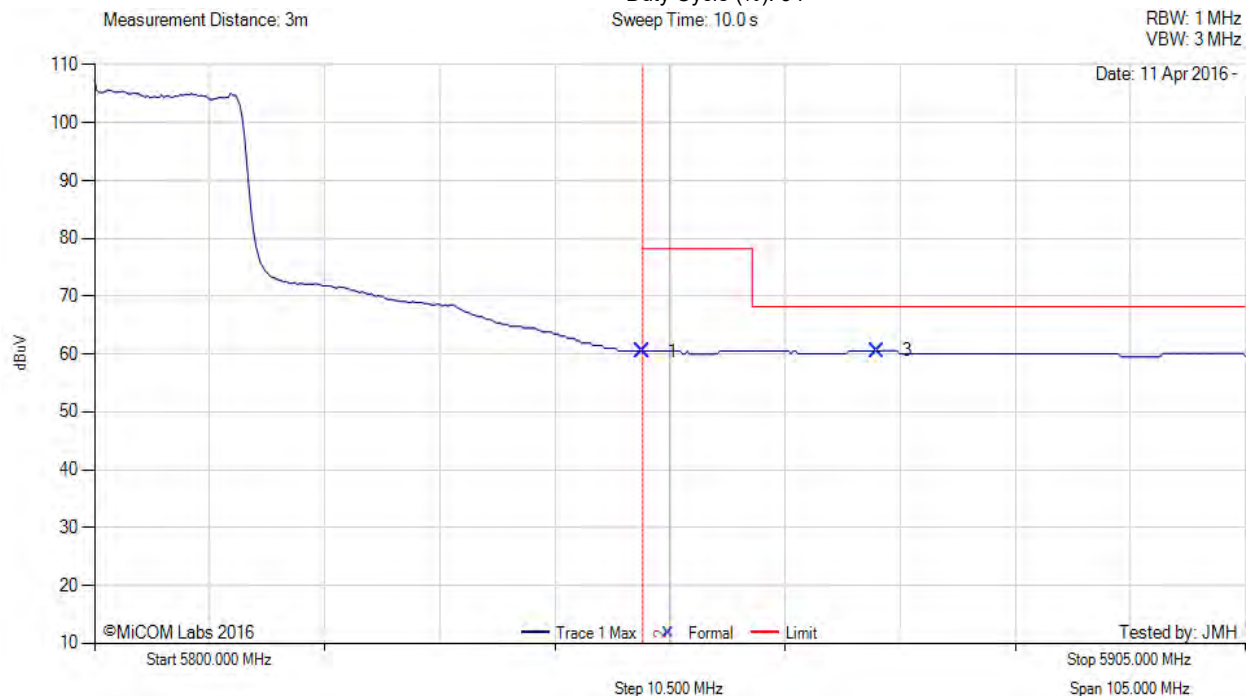


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks ANT-2x2-D607, Power Setting: 95, Duty Cycle (%): 94



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	22.08	3.81	34.63	60.52	Max Avg	Vertical	181	-2	78.2	-17.7	Pass
3	5871.36	22.08	3.81	34.68	60.57	Max Avg	Vertical	181	-2	78.2	-17.7	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 dB pad to protect RCVR from fund.

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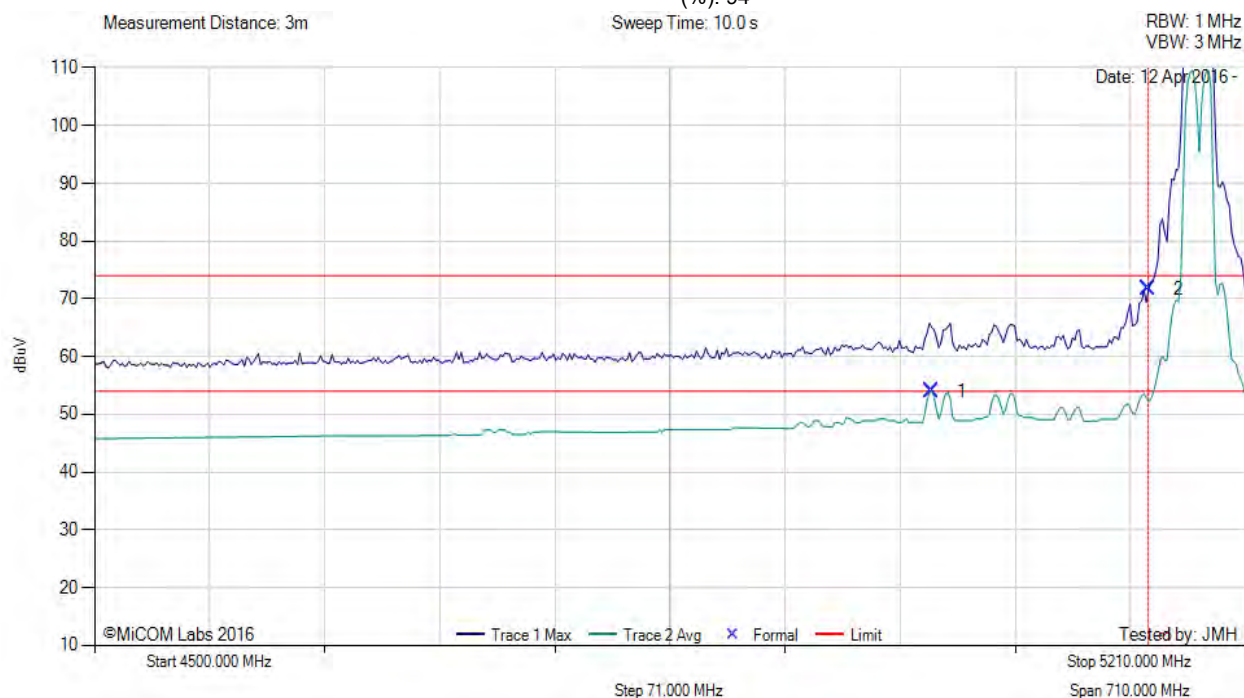
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A.3.2.9. Aruba Networks ANT-2x2-D805



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 90, Duty Cycle (%): 94



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	5016.49	16.08	3.65	34.21	53.94	Max Avg	Horizontal	157	-2	54.0	-0.1	Pass
2	5150.00	33.99	3.67	34.11	71.77	Max Peak	Horizontal	157	-2	74.0	-2.2	Pass
3	5150.00	--	--	--	--	Band Egde	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

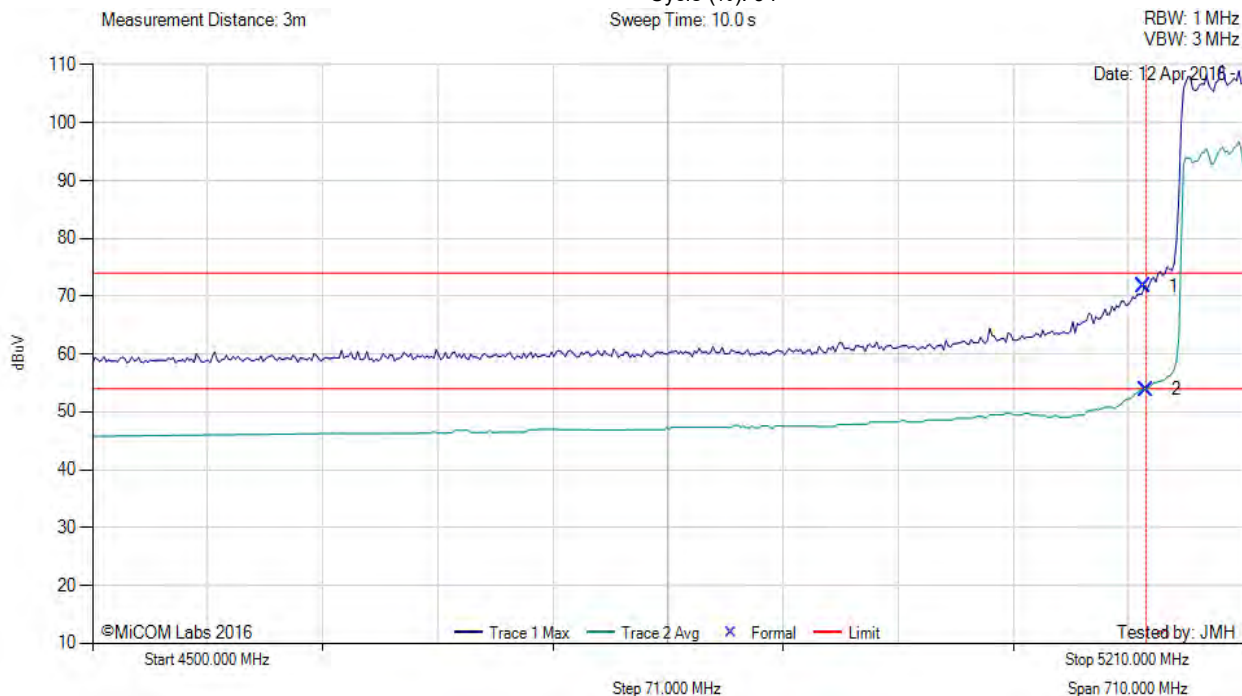
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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 78, Duty Cycle (%): 94



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	5148.58	33.94	3.67	34.11	71.72	Max Peak	Horizontal	157	-2	74.0	-2.3	Pass
2	5150.00	16.11	3.67	34.11	53.89	Max Avg	Horizontal	157	-2	54.0	-0.1	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

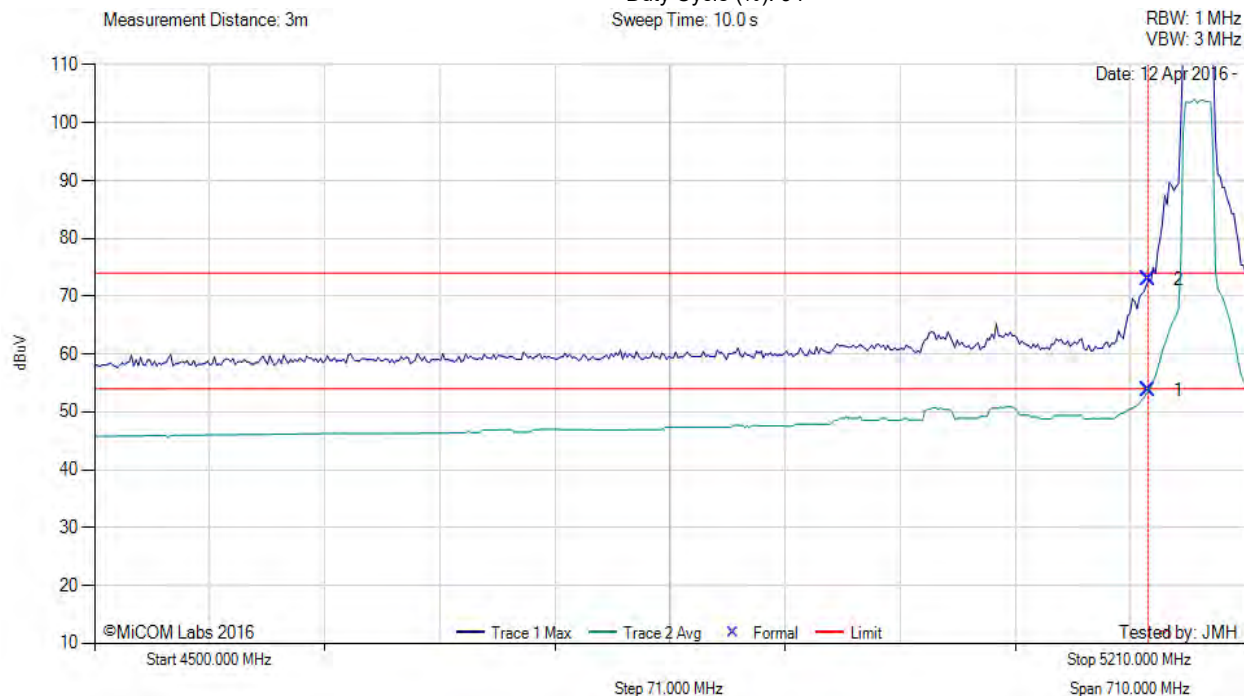
Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 89,
 Duty Cycle (%): 94



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	15.93	3.67	34.11	53.71	Max Avg	Horizontal	157	-2	54.0	-0.3	Pass
2	5150.00	35.09	3.67	34.11	72.87	Max Peak	Horizontal	157	-2	74.0	-1.1	Pass
3	5150.00	--	--	--	--	Band Egde	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

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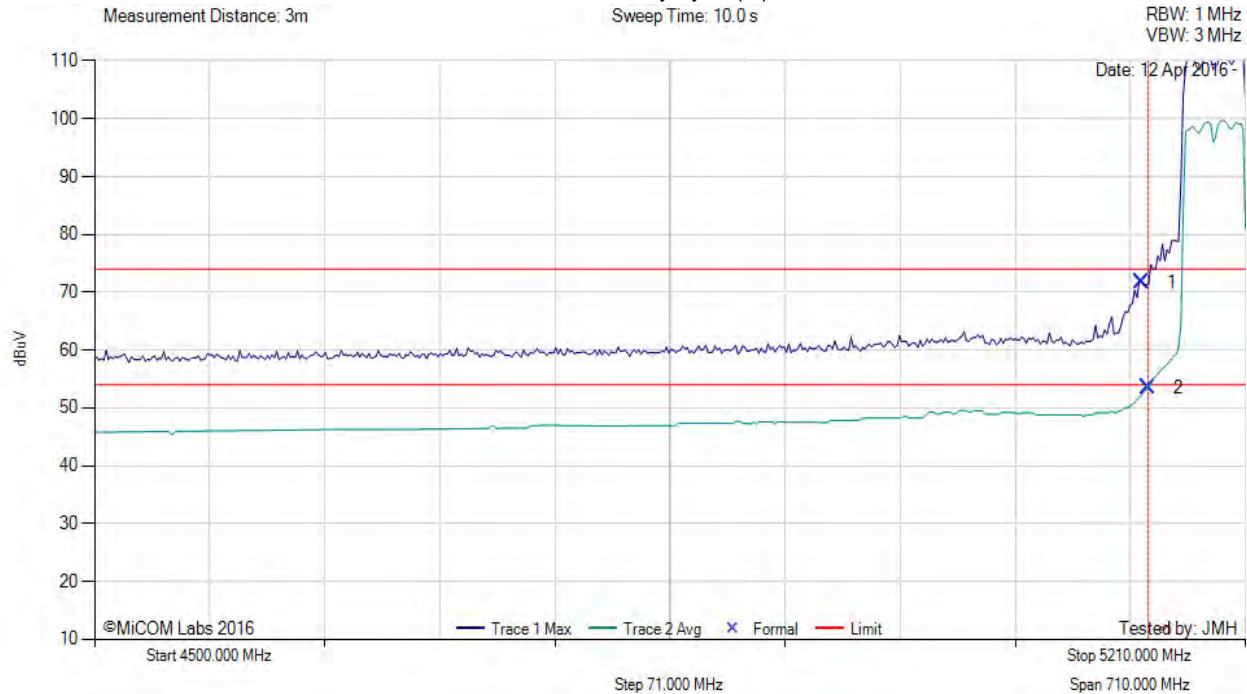


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 80,
Duty Cycle (%): 94



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	5145.73	33.96	3.69	34.11	71.76	Max Peak	Horizontal	157	-2	74.0	-2.2	Pass
2	5150.00	15.74	3.67	34.11	53.52	Max Avg	Horizontal	157	-2	54.0	-0.5	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund. Power reduced to meet band edge limit.

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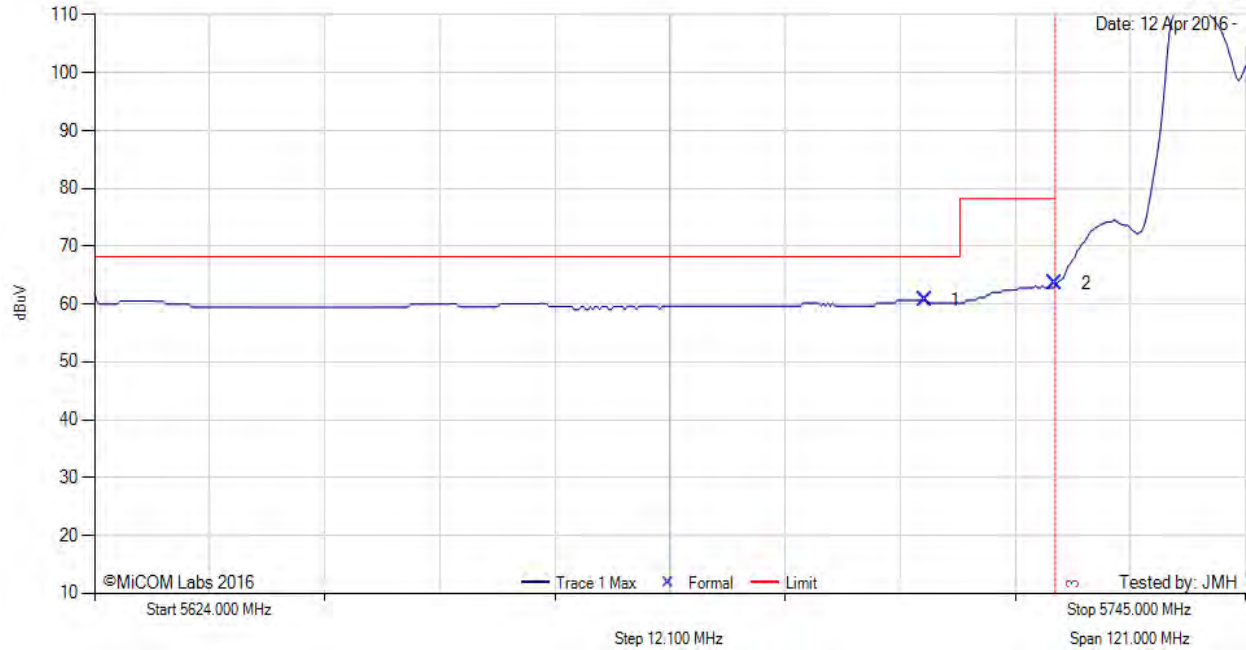
5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5711.36	22.50	3.83	34.34	60.67	Max Avg	Vertical	180	3	68.2	-7.6	Pass
2	5725.00	25.41	3.79	34.35	63.55	Max Avg	Vertical	180	3	78.2	-14.7	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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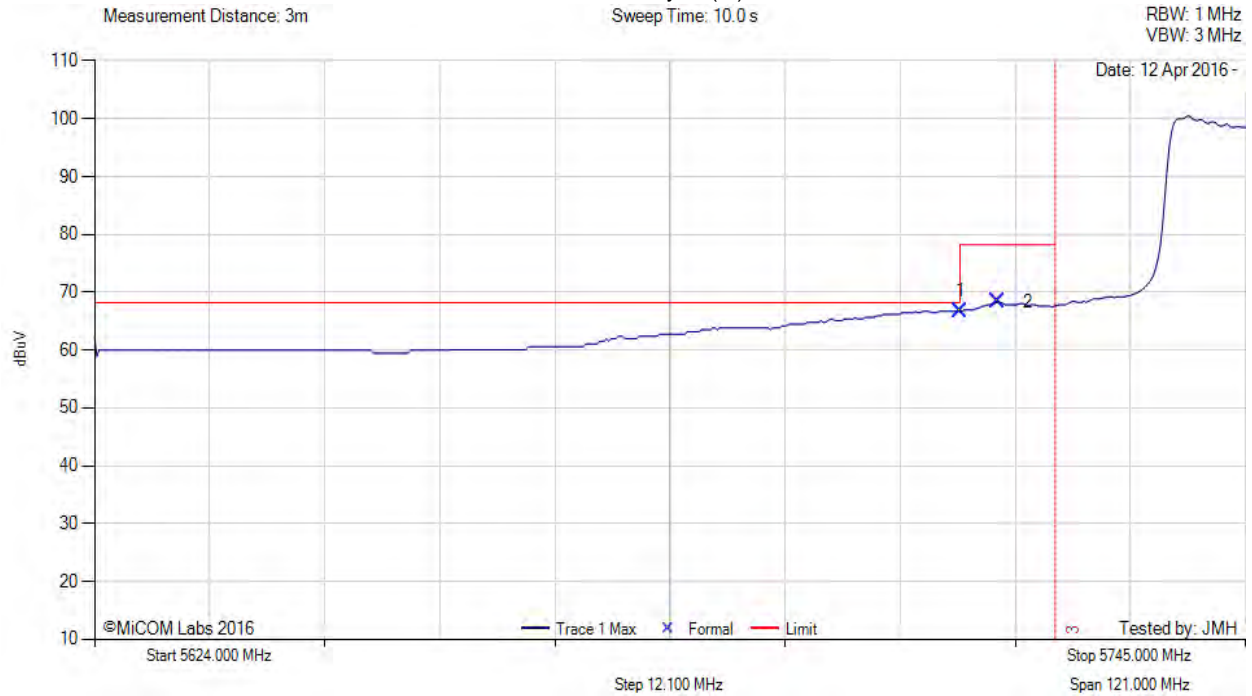


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 94, Duty Cycle (%): 94



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5715.00	28.55	3.81	34.34	66.70	Max Avg	Vertical	180	3	68.2	-1.5	Pass
2	5718.94	30.30	3.80	34.34	68.44	Max Avg	Vertical	180	3	78.2	-9.8	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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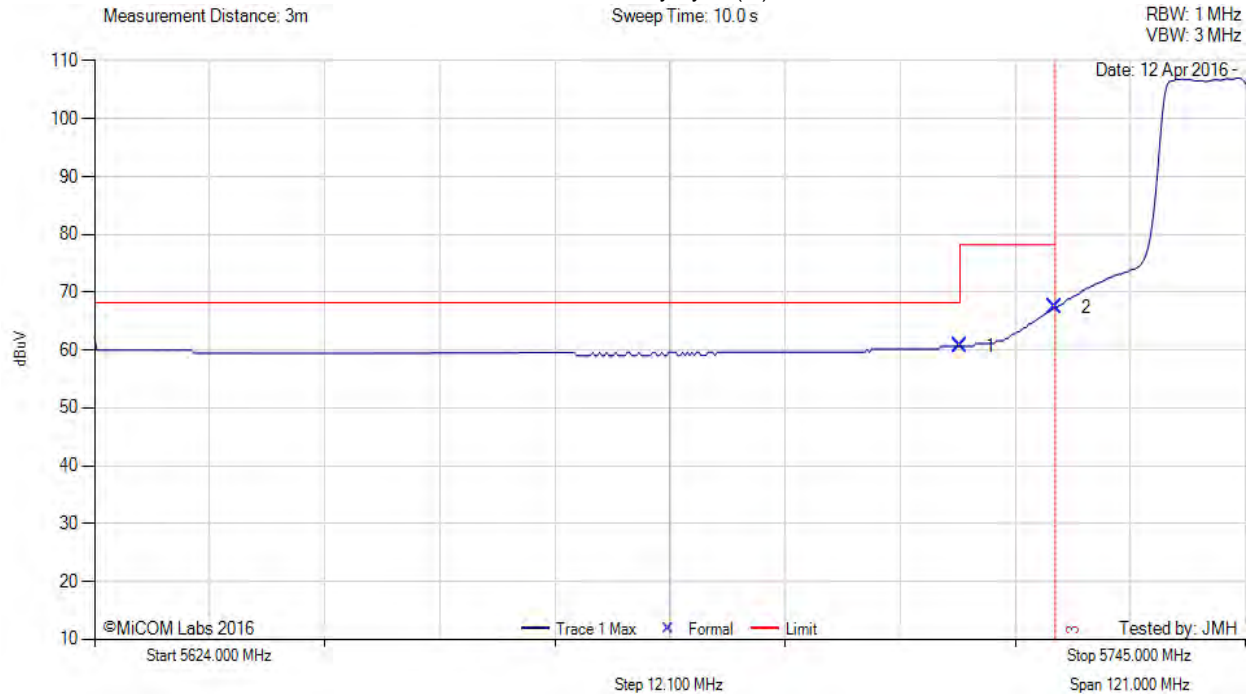


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95,
Duty Cycle (%): 94



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	22.52	3.81	34.34	60.67	Max Avg	Vertical	180	3	68.2	-7.6	Pass
2	5725.00	29.27	3.79	34.35	67.41	Max Avg	Vertical	180	3	78.2	-10.8	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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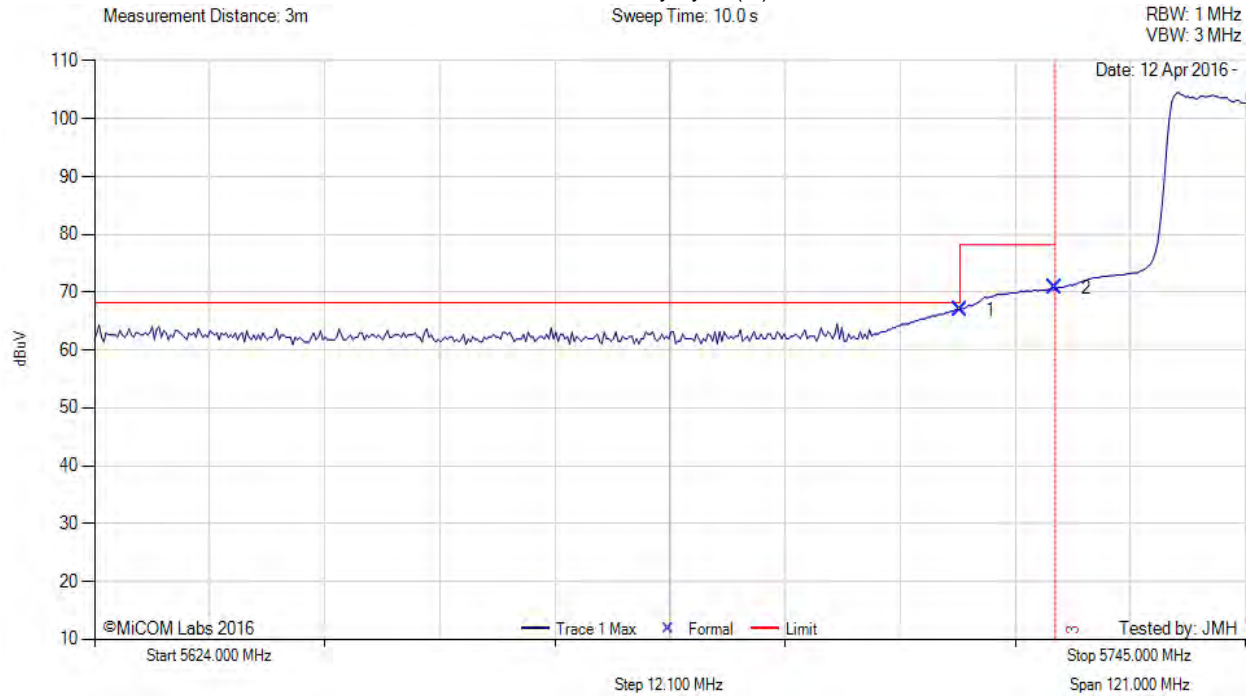


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95,
Duty Cycle (%): 94



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	28.78	3.81	34.34	66.93	Max Avg	Vertical	180	3	68.2	-1.3	Pass
2	5725.00	32.56	3.79	34.35	70.70	Max Avg	Vertical	180	3	78.2	-7.5	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

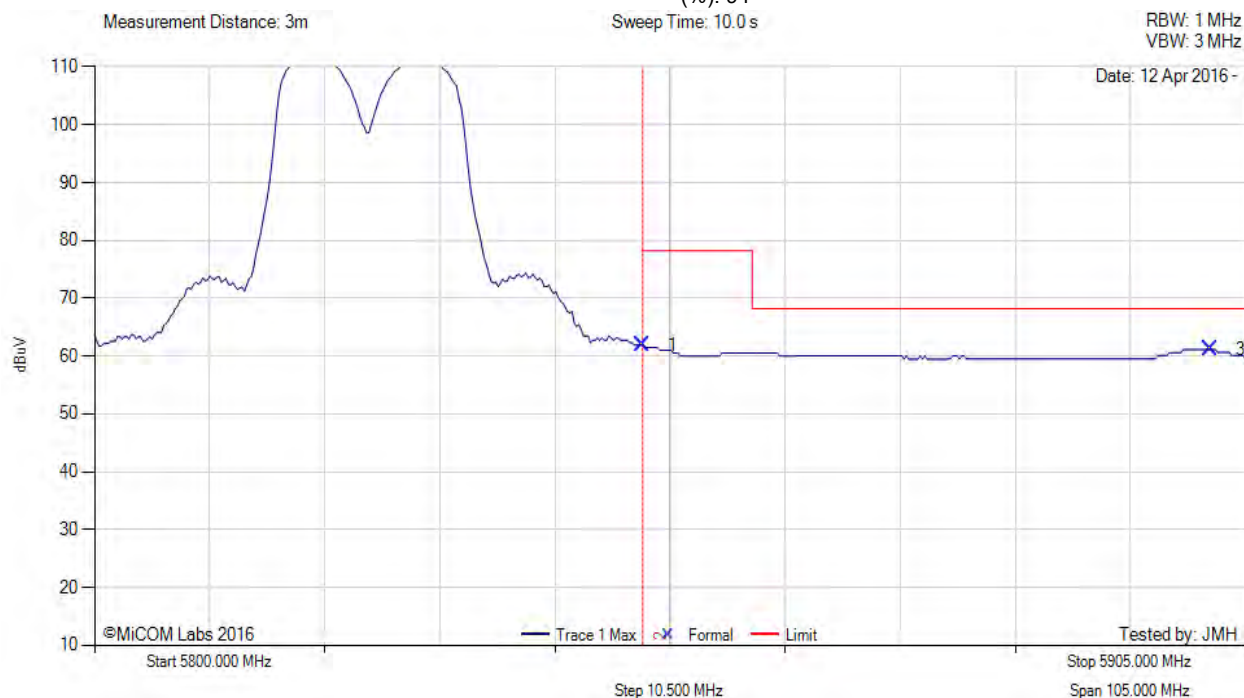
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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5850.00	23.49	3.81	34.63	61.93	Max Avg	Vertical	157	5	78.2	-16.3	Pass
3	5901.84	22.54	3.82	34.77	61.13	Max Avg	Vertical	157	5	78.2	-17.1	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

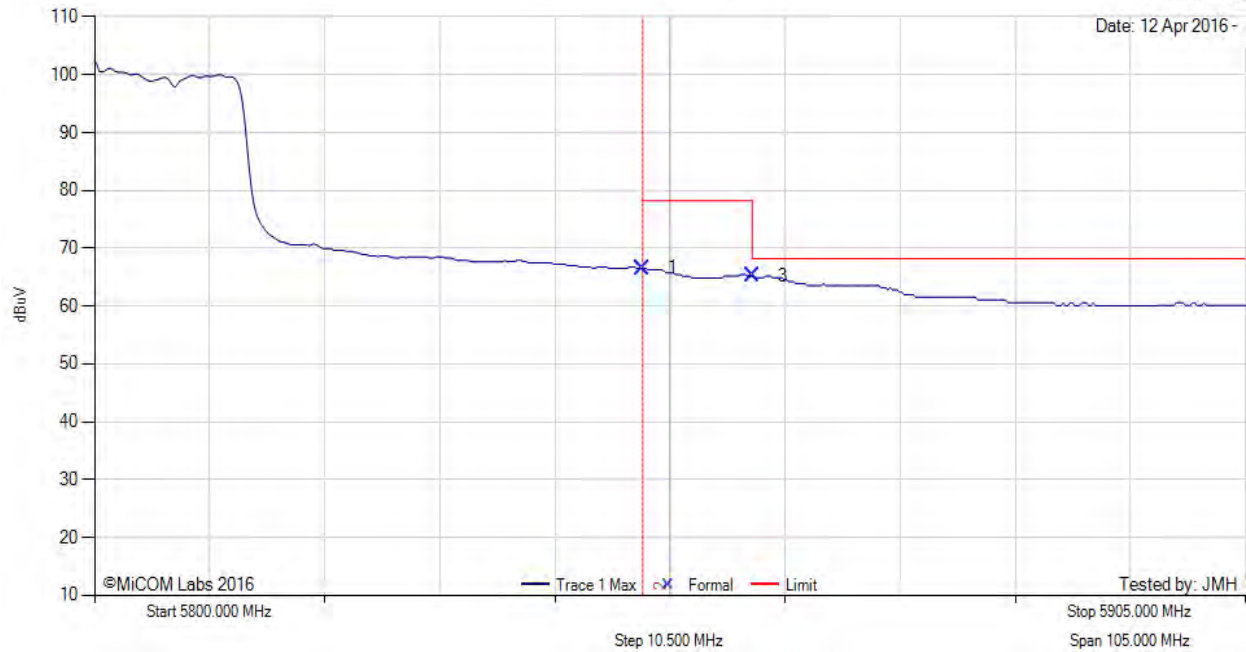
Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 94, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 12 Apr 2016 -



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5850.00	28.10	3.81	34.63	66.54	Max Avg	Vertical	157	5	78.2	-11.7	Pass
3	5860.00	26.68	3.86	34.65	65.19	Max Avg	Vertical	157	5	78.2	-13.0	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

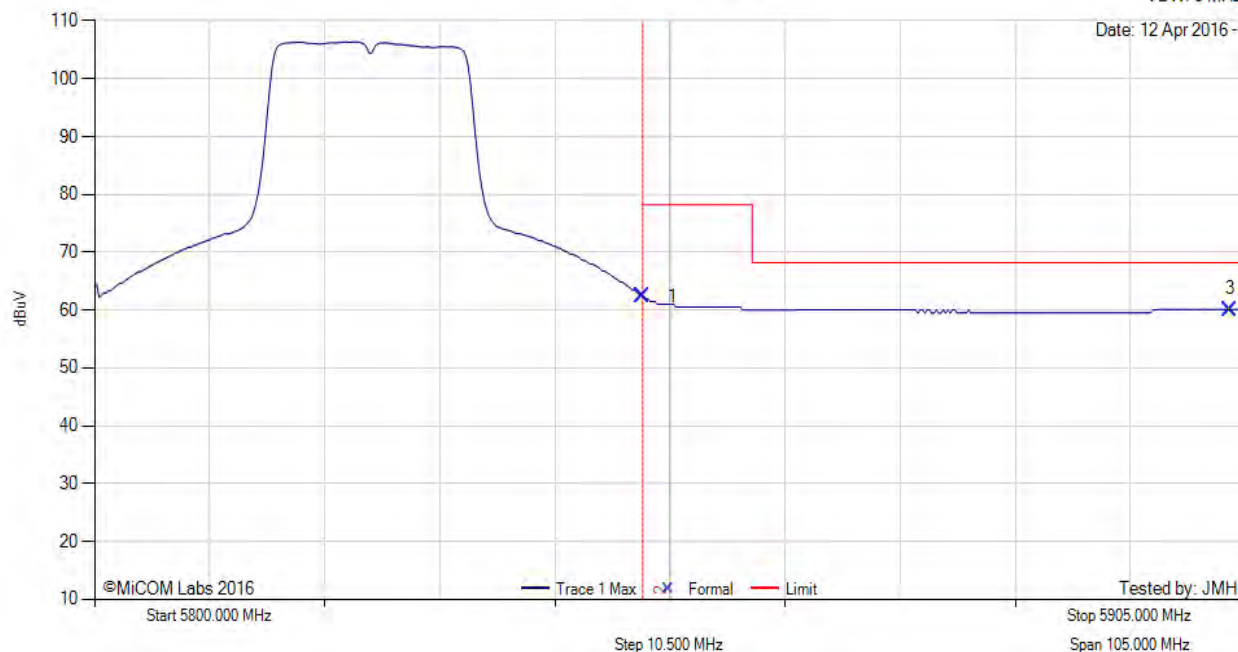
Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 12 Apr 2016 -



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5850.00	23.92	3.81	34.63	62.36	Max Avg	Vertical	157	5	78.2	-15.9	Pass
3	5903.56	21.52	3.82	34.77	60.11	Max Avg	Vertical	157	5	78.2	-18.1	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

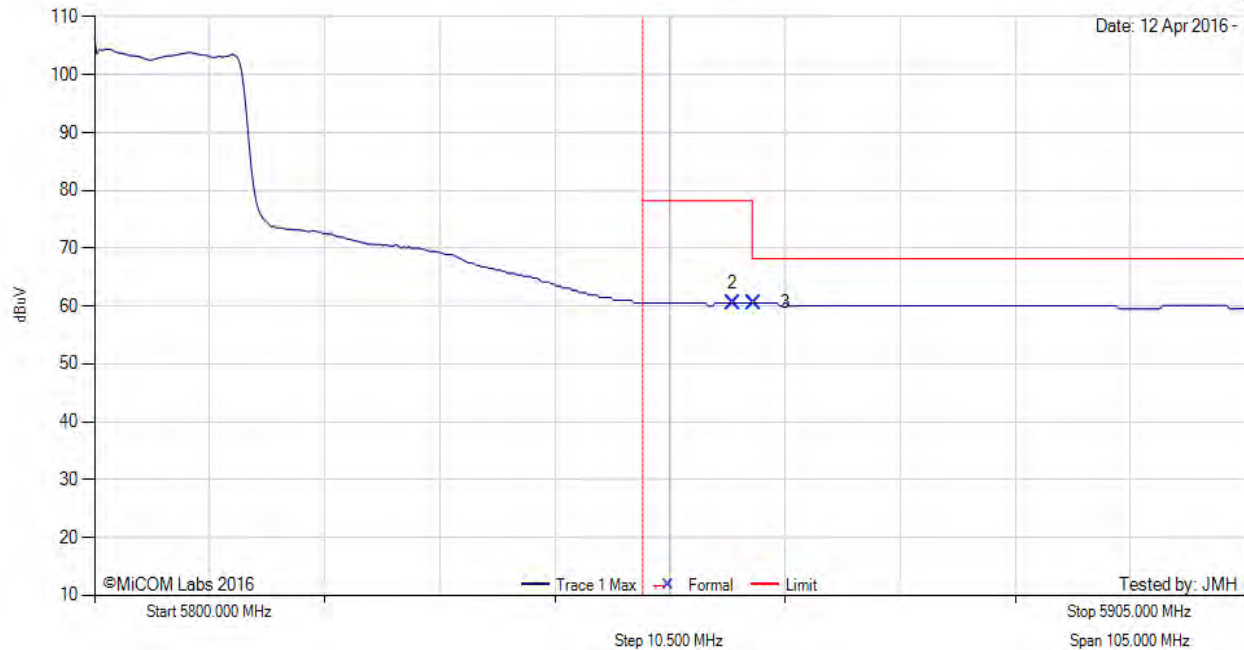
Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks ANT-2x2-D805, Power Setting: 95, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 12 Apr 2016 -



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
2	5858.21	22.04	3.85	34.65	60.54	Max Avg	Vertical	157	5	78.2	-17.7	Pass
3	5860.21	22.04	3.86	34.65	60.55	Max Avg	Vertical	157	5	78.2	-17.7	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 dB pad to protect RCVR from fund.

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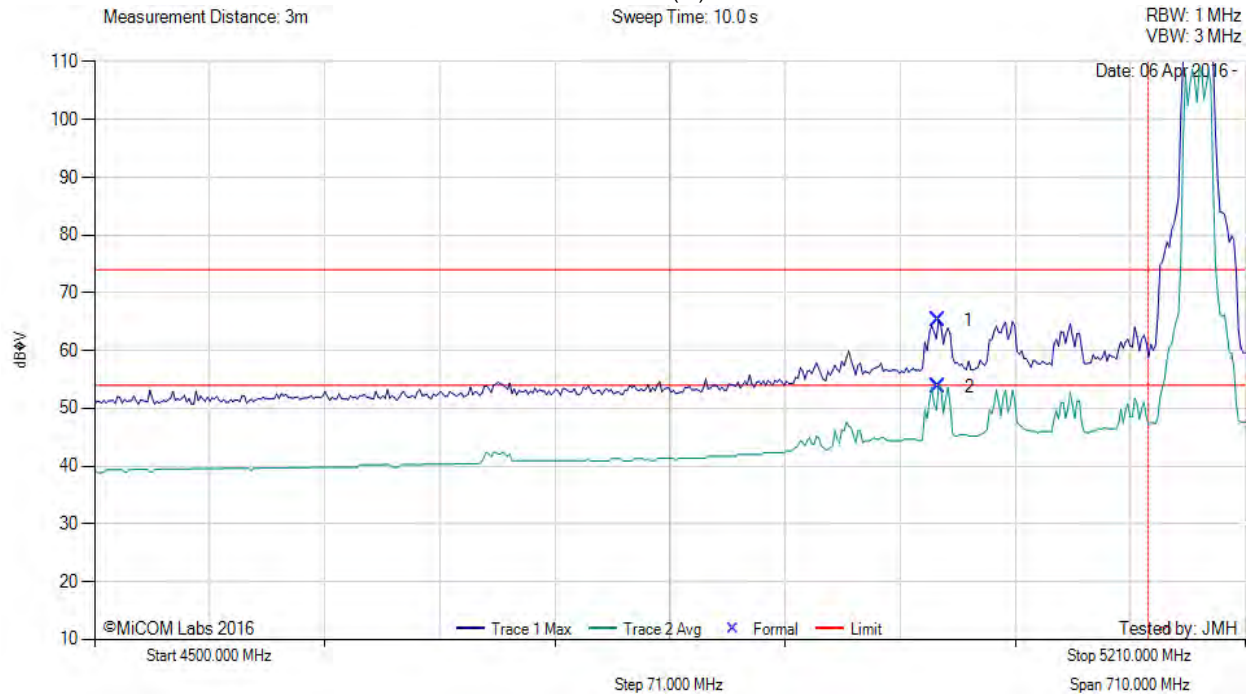
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A.3.2.10. Aruba Networks ANT-3x3-5010



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 59, Duty Cycle (%): 94.0



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	5020.52	27.31	3.66	34.21	65.18	Max Peak	Vertical	196	187	74.0	-8.8	Pass
2	5020.76	15.92	3.66	34.21	53.79	Max Avg	Vertical	196	187	54.0	-0.2	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet band edge limits.

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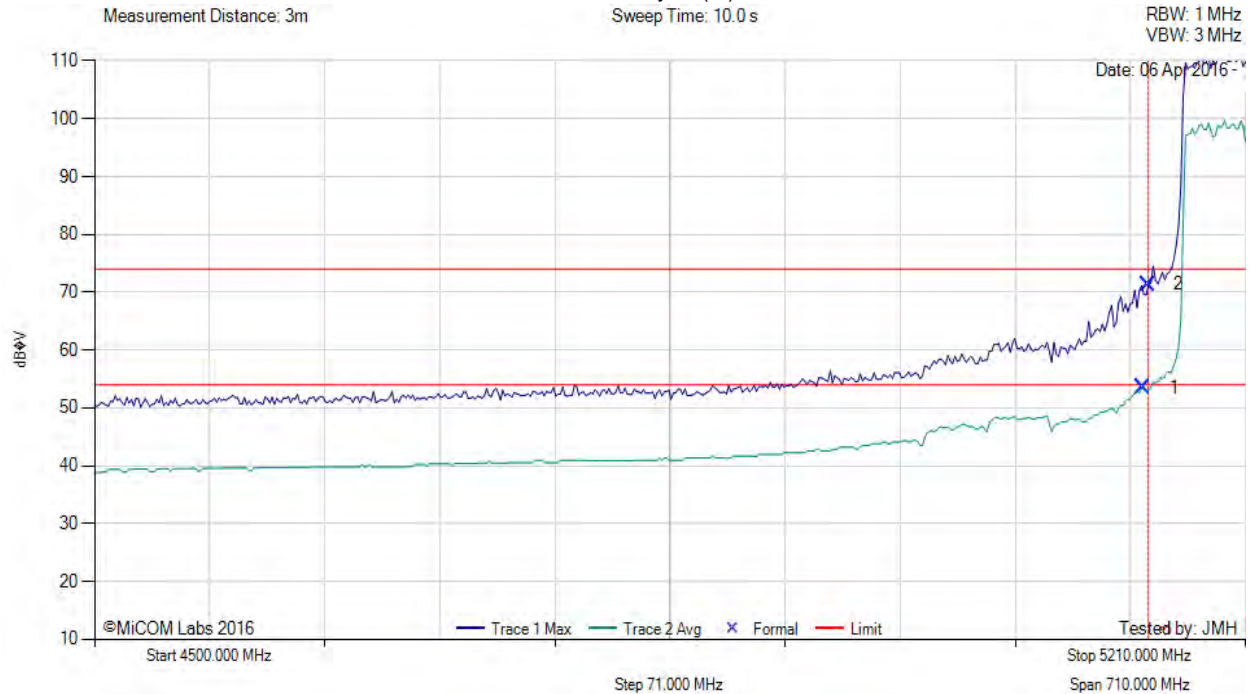


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 52, Duty Cycle (%): 94.0



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	5147.15	15.75	3.68	34.11	53.54	Max Avg	Vertical	196	187	54.0	-0.5	Pass
2	5150.00	33.62	3.67	34.11	71.40	Max Peak	Vertical	196	187	74.0	-2.6	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet band edge limits.

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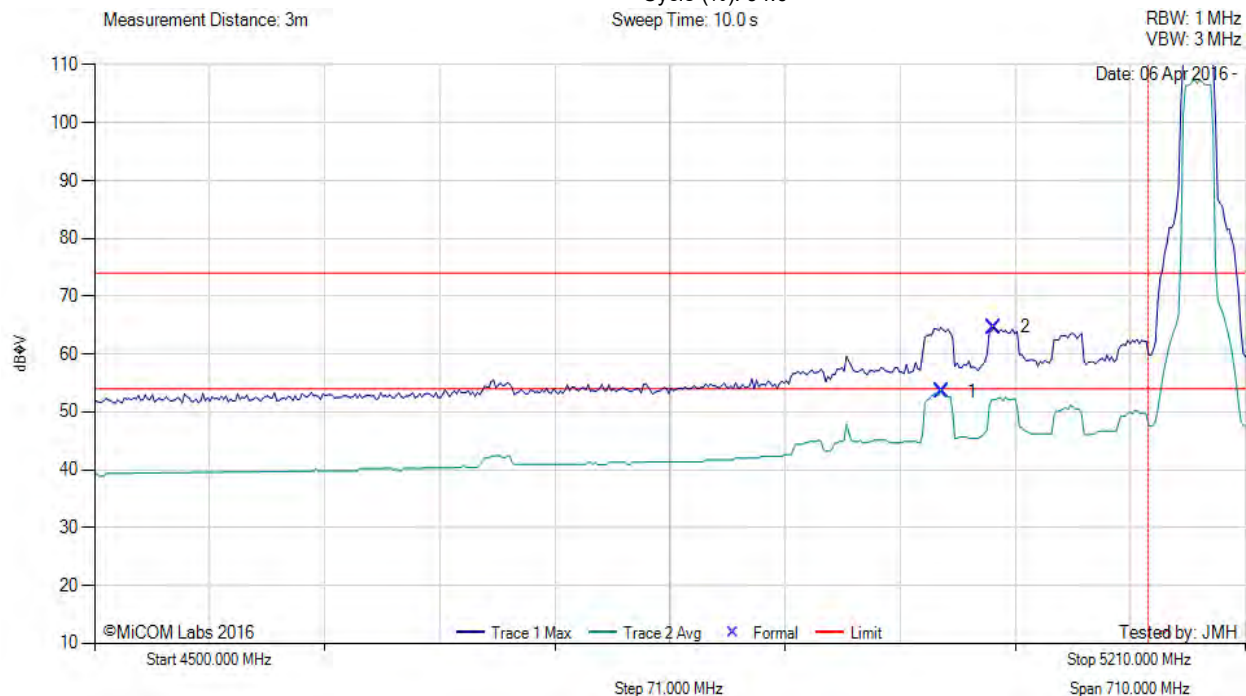


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 62, Duty Cycle (%): 94.0



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	5022.71	15.62	3.67	34.21	53.50	Max Avg	Vertical	196	187	54.0	-0.5	Pass
2	5055.13	26.85	3.62	34.20	64.67	Max Peak	Vertical	196	187	74.0	-9.3	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet band edge limits.

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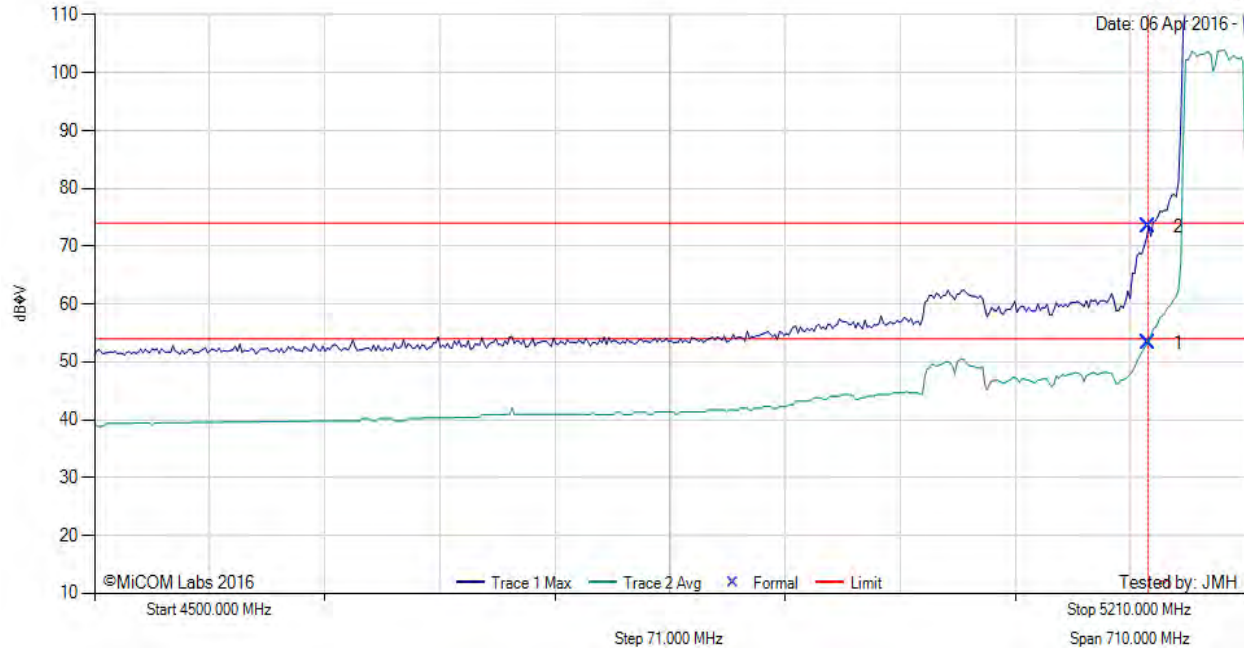
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 56, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz



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	15.57	3.67	34.11	53.35	Max Avg	Vertical	196	187	54.0	-0.7	Pass
2	5150.00	35.69	3.67	34.11	73.47	Max Peak	Vertical	196	187	74.0	-0.5	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet band edge limits.

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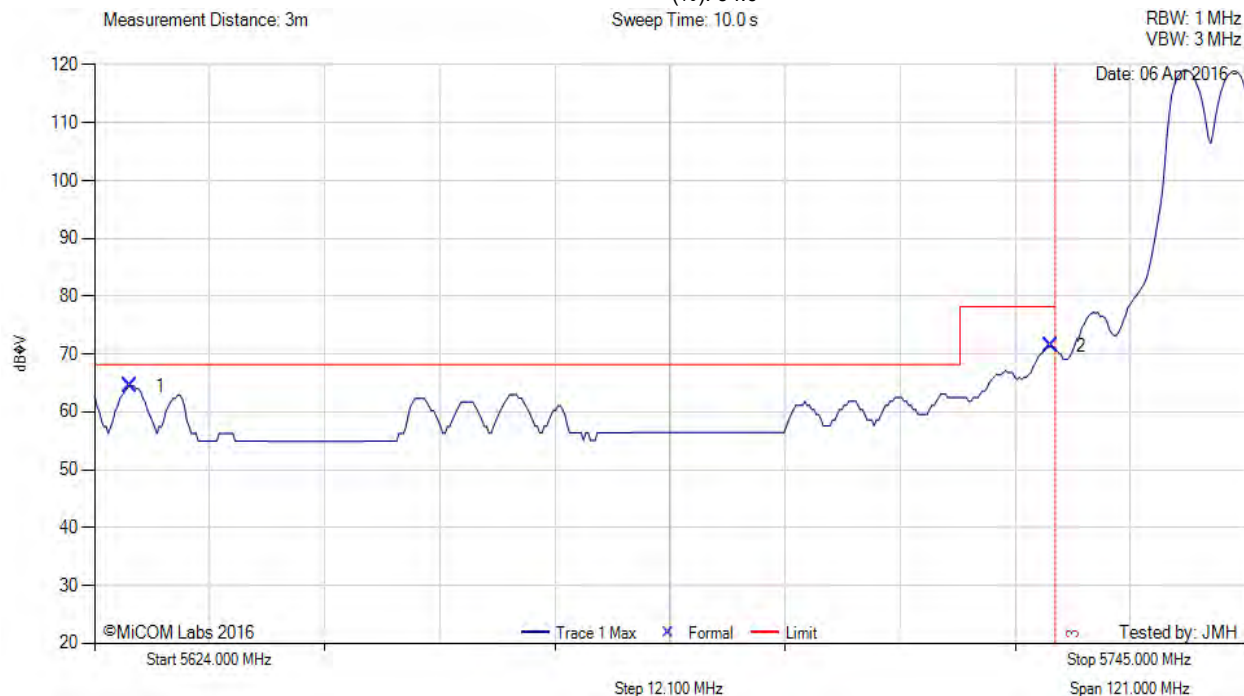


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	5627.71	26.56	3.76	34.20	64.52	Max Avg	Vertical	192	190	68.2	-3.7	Pass
2	5724.52	33.27	3.79	34.35	71.41	Max Avg	Vertical	192	190	78.2	-6.8	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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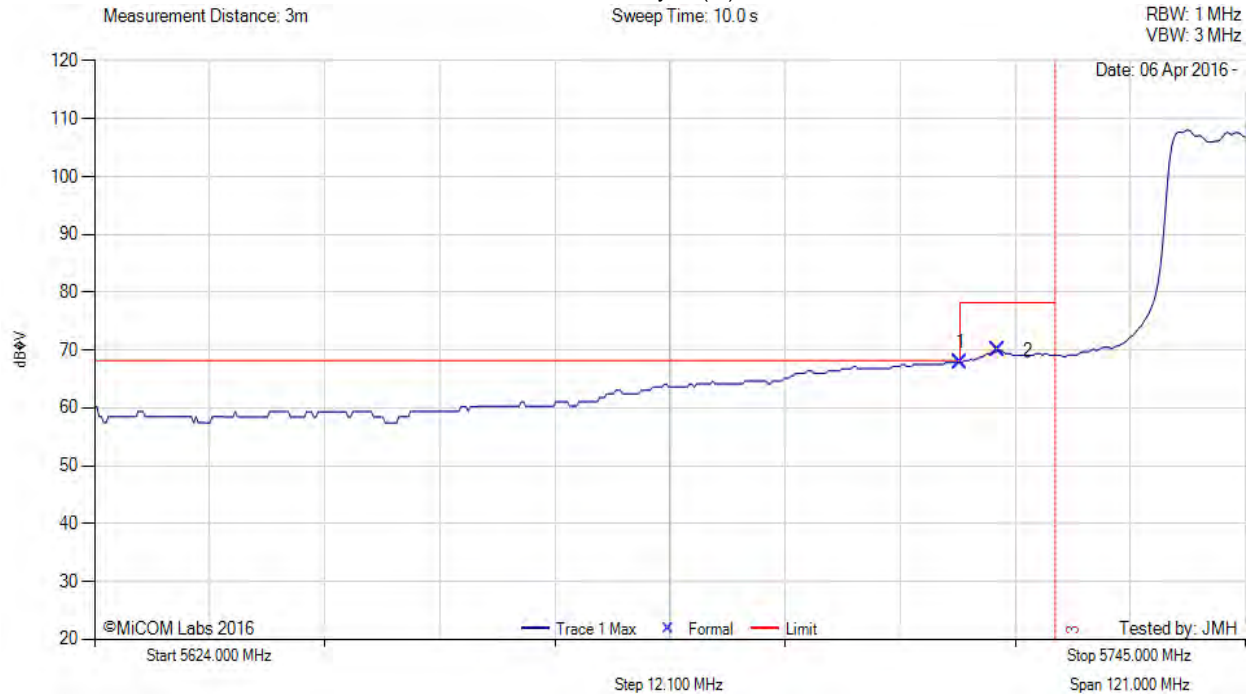


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 91, Duty Cycle (%): 94.0



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	29.72	3.81	34.34	67.87	Max Avg	Vertical	192	190	68.2	-0.4	Pass
2	5718.94	31.81	3.80	34.34	69.95	Max Avg	Vertical	192	190	78.2	-8.3	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet Band Edge Limits

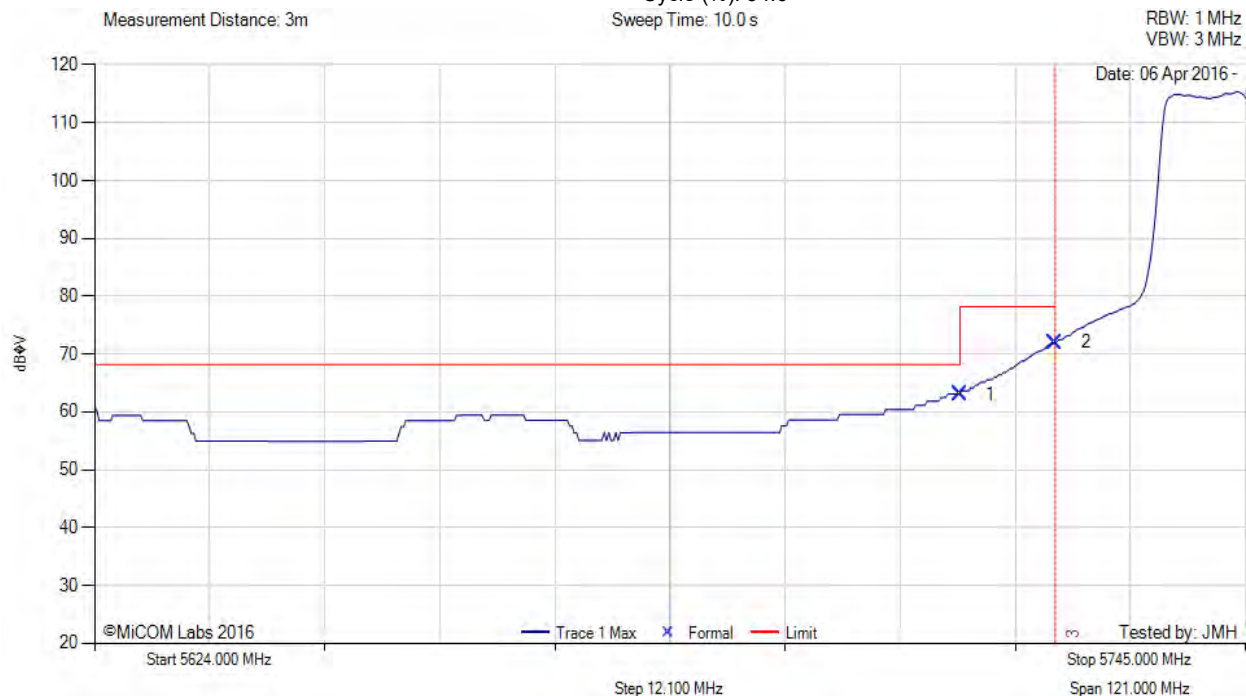
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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	24.94	3.81	34.34	63.09	Max Avg	Vertical	192	190	68.2	-5.1	Pass
2	5725.00	33.91	3.79	34.35	72.05	Max Avg	Vertical	192	190	78.2	-6.2	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

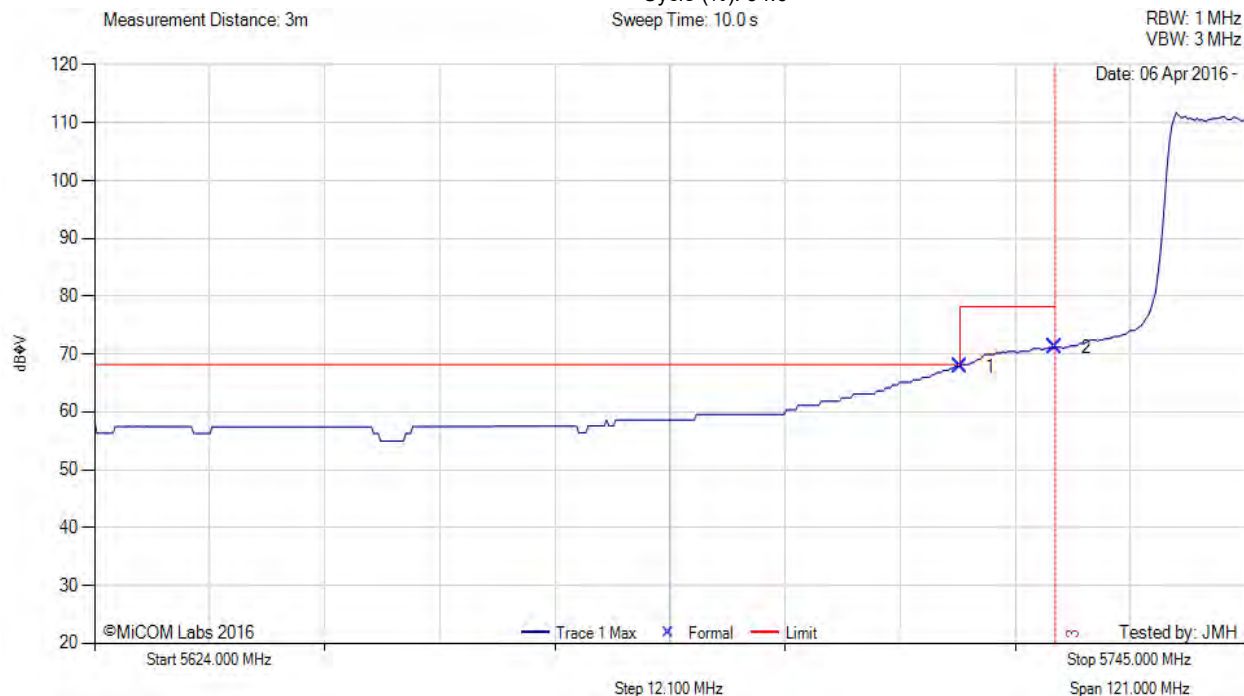
Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 92, Duty Cycle (%): 94.0



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	29.72	3.81	34.34	67.87	Max Avg	Vertical	192	190	68.2	-0.4	Pass
2	5725.00	33.04	3.79	34.35	71.18	Max Avg	Vertical	192	190	78.2	-7.1	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet Band Edge Limits

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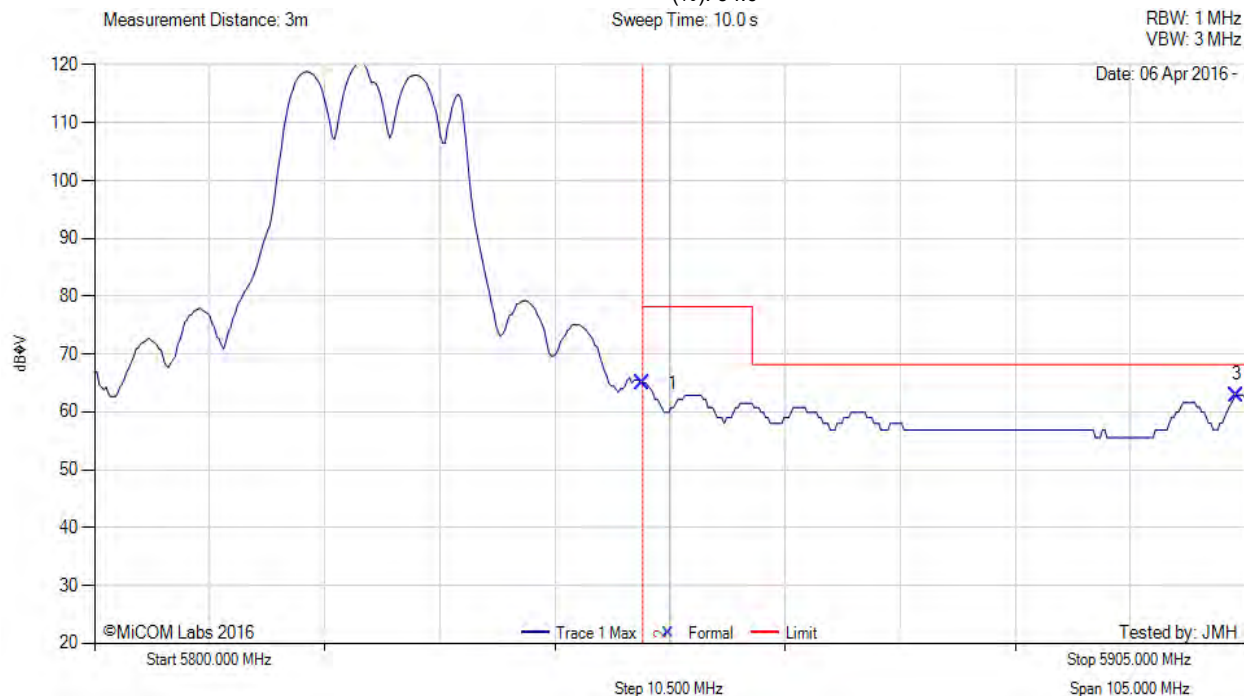


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	26.58	3.81	34.63	65.02	Max Avg	Vertical	194	195	78.2	-13.2	Pass
3	5904.16	24.36	3.82	34.77	62.95	Max Avg	Vertical	194	195	68.2	-5.3	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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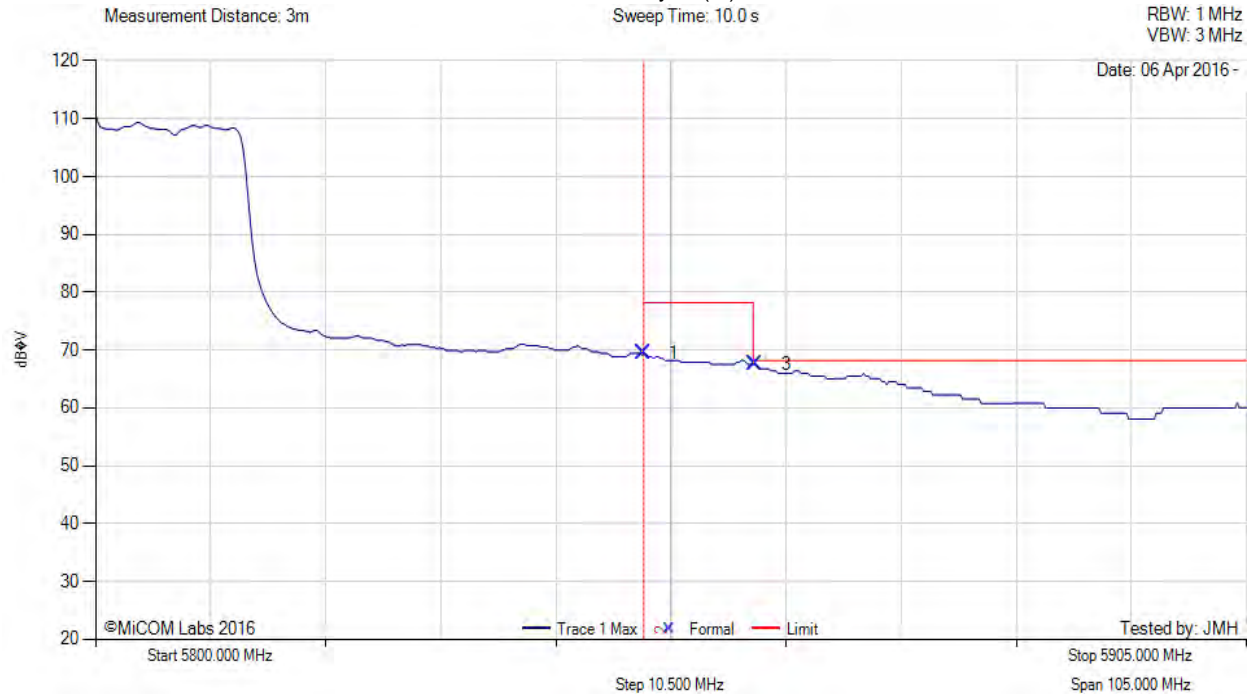


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 91, Duty Cycle (%): 94.0



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	31.02	3.81	34.63	69.46	Max Avg	Vertical	194	195	78.2	-8.8	Pass
3	5860.21	29.03	3.86	34.65	67.54	Max Avg	Vertical	194	195	68.2	-0.7	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet. Power Reduction to meet Band Edge Limits

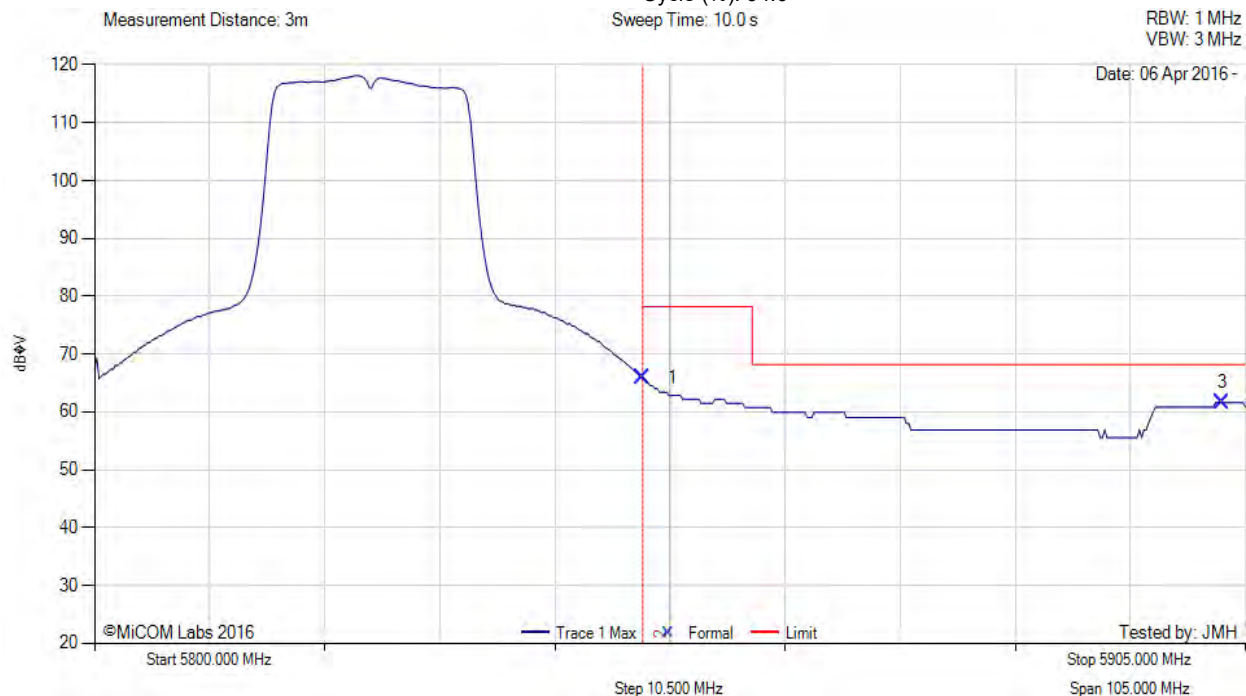
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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	27.49	3.81	34.63	65.93	Max Avg	Vertical	194	195	78.2	-12.3	Pass
3	5902.90	23.02	3.82	34.77	61.61	Max Avg	Vertical	194	195	68.2	-6.6	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

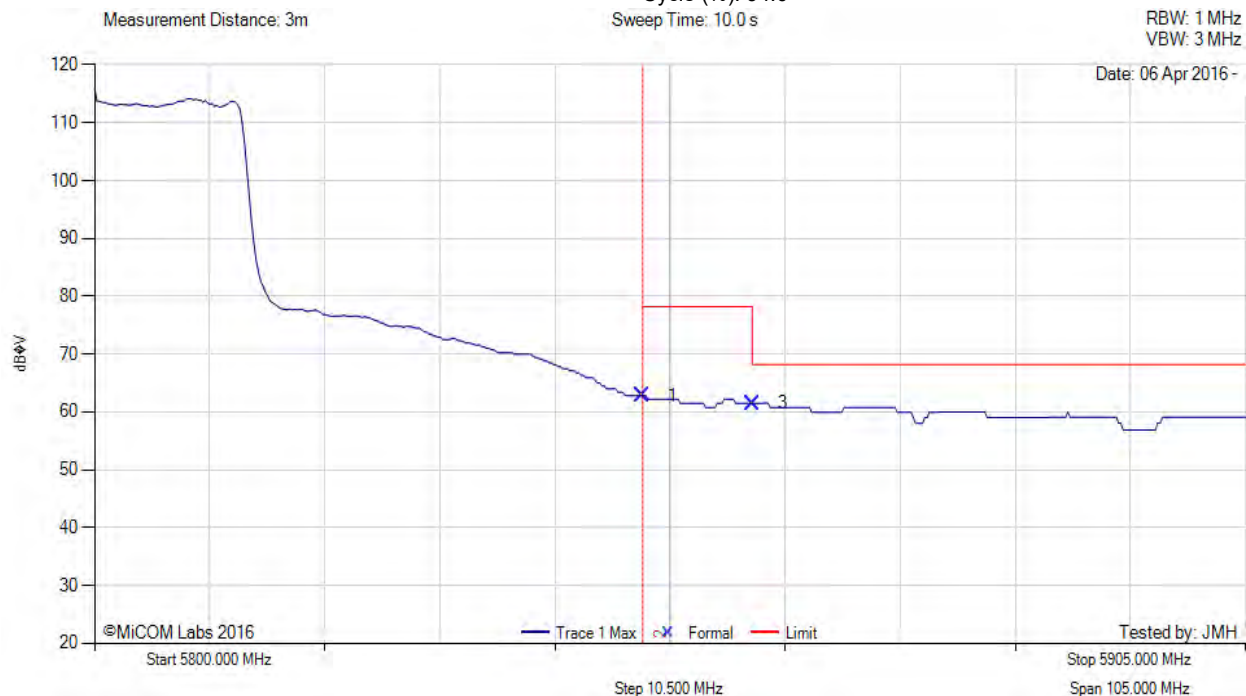
Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks ANT-3x3-5010, Power Setting: 95, Duty Cycle (%): 94.0



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	24.40	3.81	34.63	62.84	Max Avg	Vertical	194	195	78.2	-15.4	Pass
3	5860.00	23.01	3.86	34.65	61.52	Mav Avg	Vertical	194	195	68.2	-6.7	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on table powered by AC. Connected to laptop outside chamber via enet.

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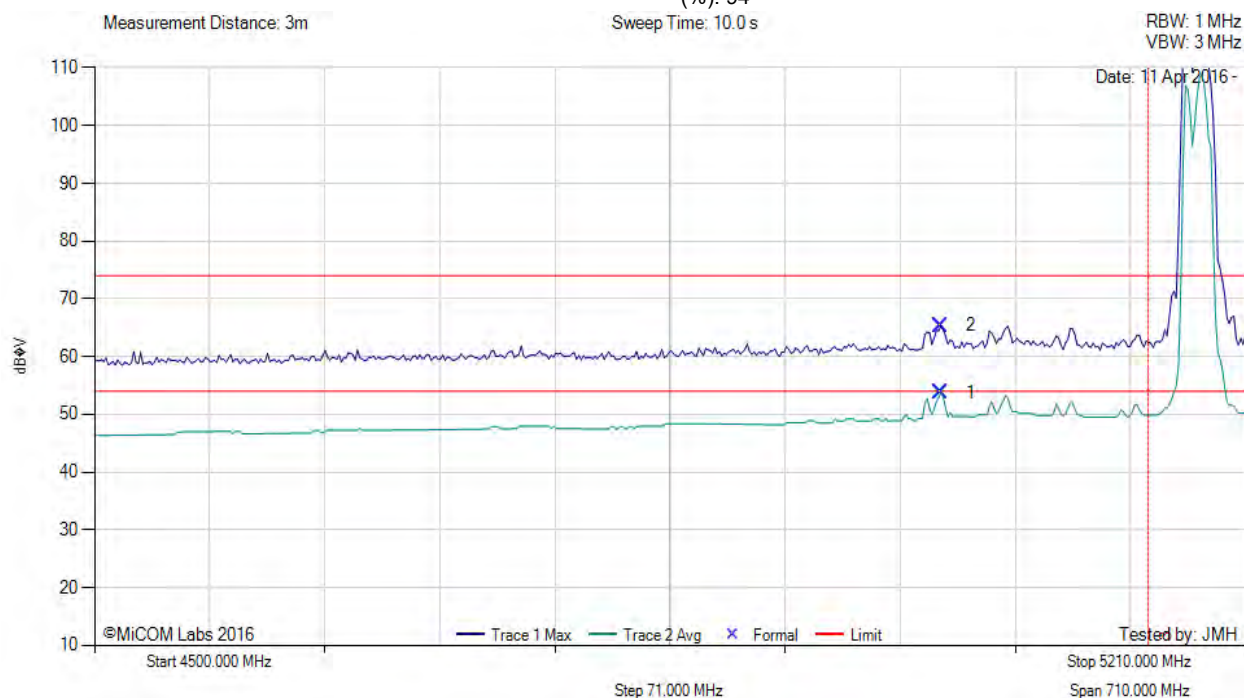
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A.3.2.11. Aruba Networks ANT-3x3-5712



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 51, Duty Cycle (%): 94



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	5022.18	15.91	3.67	34.21	53.79	Max Avg	Vertical	178	358	54.0	-0.2	Pass
2	5022.18	27.47	3.67	34.21	65.35	Max Peak	Vertical	178	358	74.0	-8.7	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables. Power reduced to meet Band Edge limits.

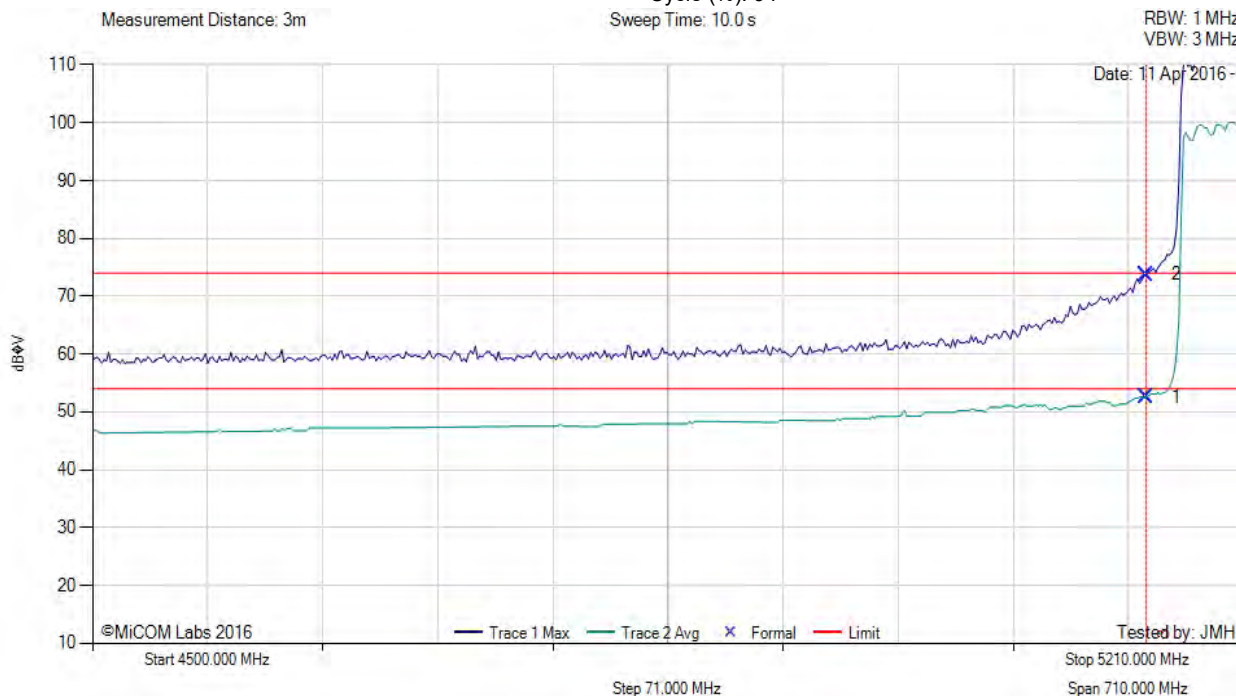
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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 55, Duty Cycle (%): 94



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	14.85	3.67	34.11	52.63	Max Avg	Vertical	178	358	54.0	-1.4	Pass
2	5150.00	35.99	3.67	34.11	73.77	Max Peak	Vertical	178	358	74.0	-0.2	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables. Power reduced to meet Band Edge Limits.

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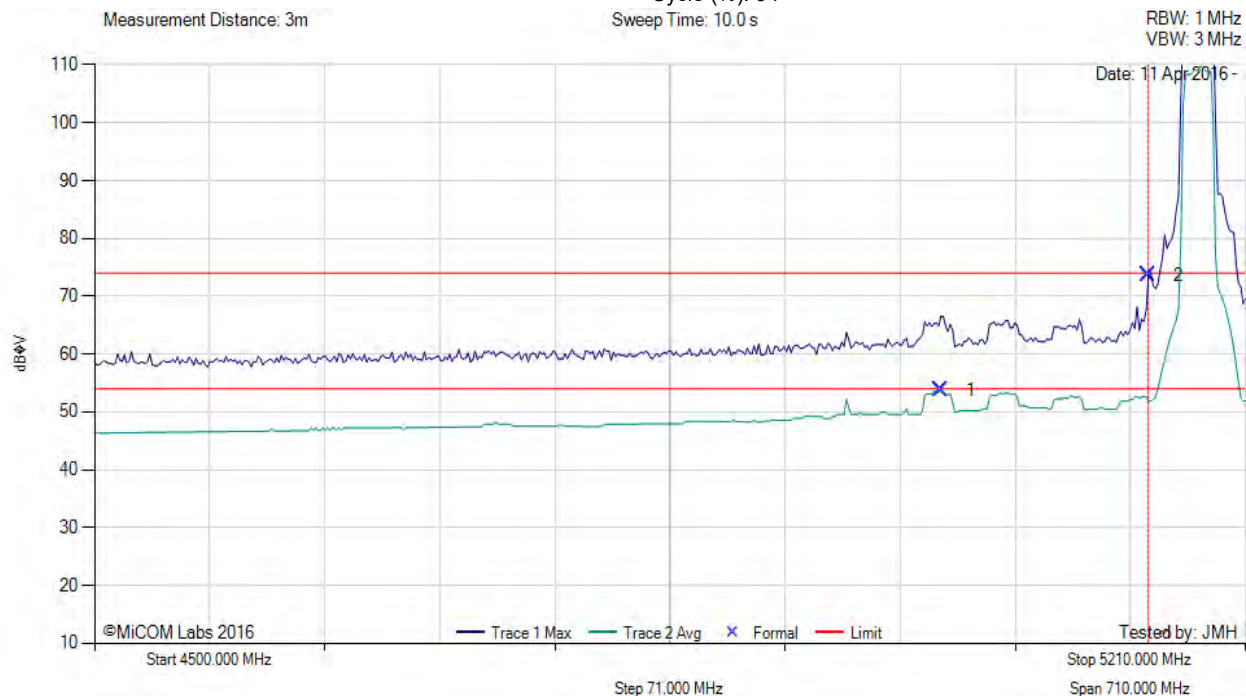


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 72, Duty Cycle (%): 94



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	5022.18	15.91	3.67	34.21	53.79	Max Avg	Vertical	178	358	54.0	-0.2	Pass
2	5150.00	35.80	3.67	34.11	73.58	Max Peak	Vertical	178	358	74.0	-0.4	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. Using 6 db pad to protect RCVR from fund +1 dB for external cables. Power reduced to meet Band Edge Limits.

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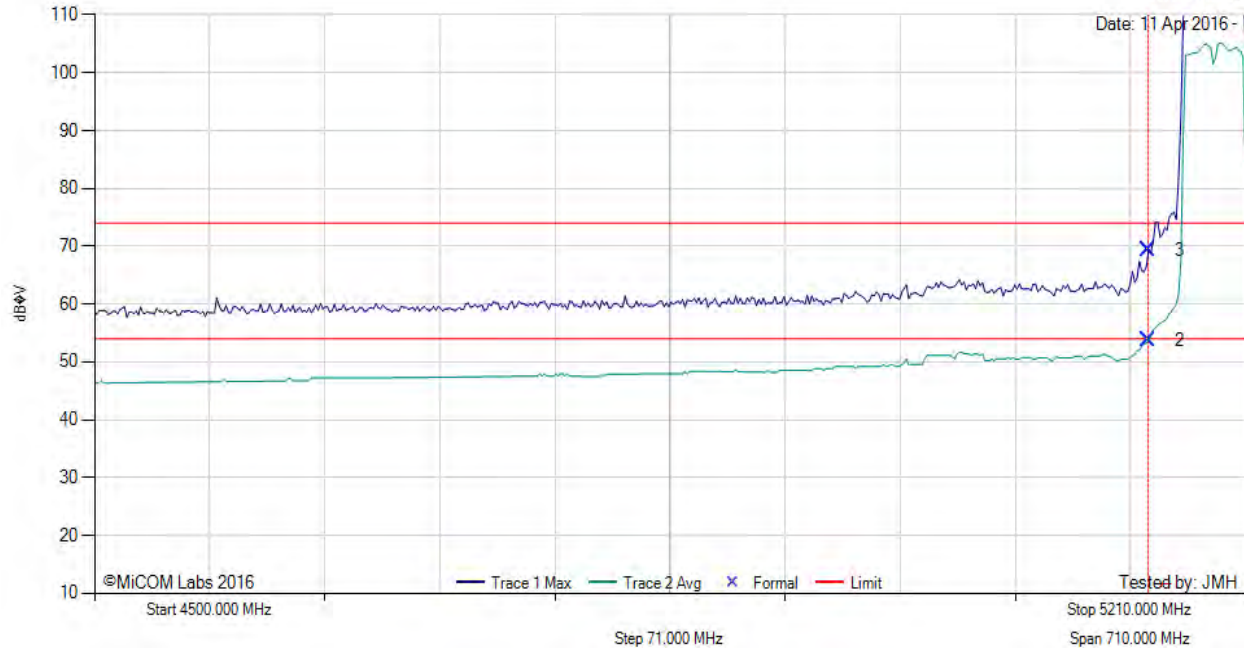
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 62, Duty Cycle (%): 94

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz



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
2	5150.24	15.95	3.67	34.11	53.73	Max Avg	Vertical	178	358	54.0	-0.3	Pass
3	5150.24	31.58	3.67	34.11	69.36	Max Peak	Vertical	178	358	74.0	-4.6	Pass
1	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber.using 6 db pad to protect RCVR from fund +1 dB for external cables. Power reduced to meet band edge limits.

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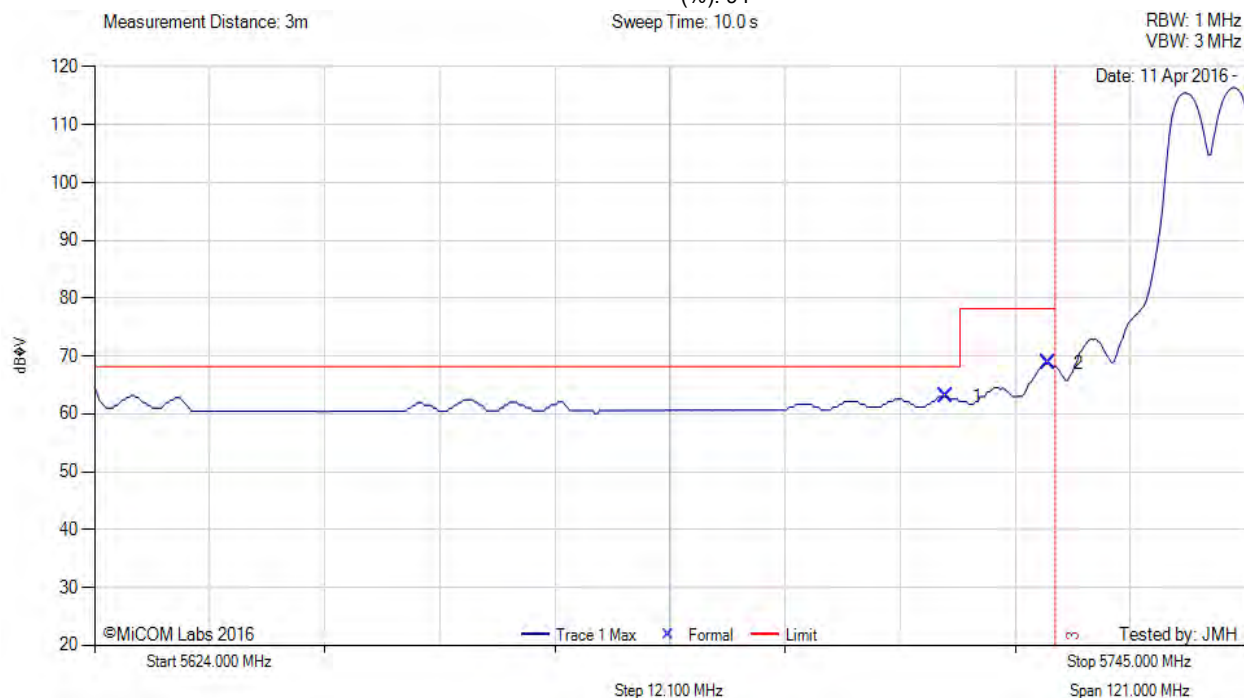


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	5713.55	24.85	3.82	34.34	63.01	Max Avg	Horizontal	165	359	68.2	-5.2	Pass
2	5724.27	30.70	3.79	34.35	68.84	Max Avg	Horizontal	165	359	78.2	-9.4	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

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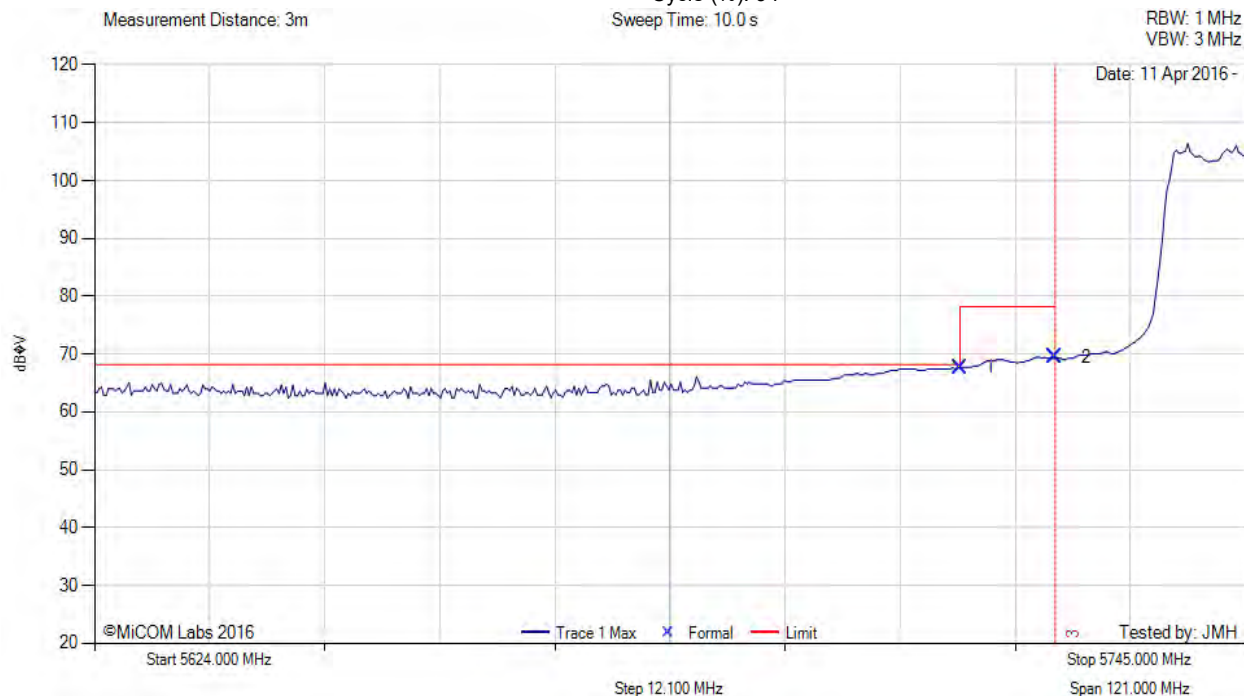


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 94, Duty Cycle (%): 94



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	29.55	3.81	34.34	67.70	Max Avg	Horizontal	165	359	68.2	-0.5	Pass
2	5725.00	31.32	3.79	34.35	69.46	Max Avg	Horizontal	165	359	78.2	-8.8	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

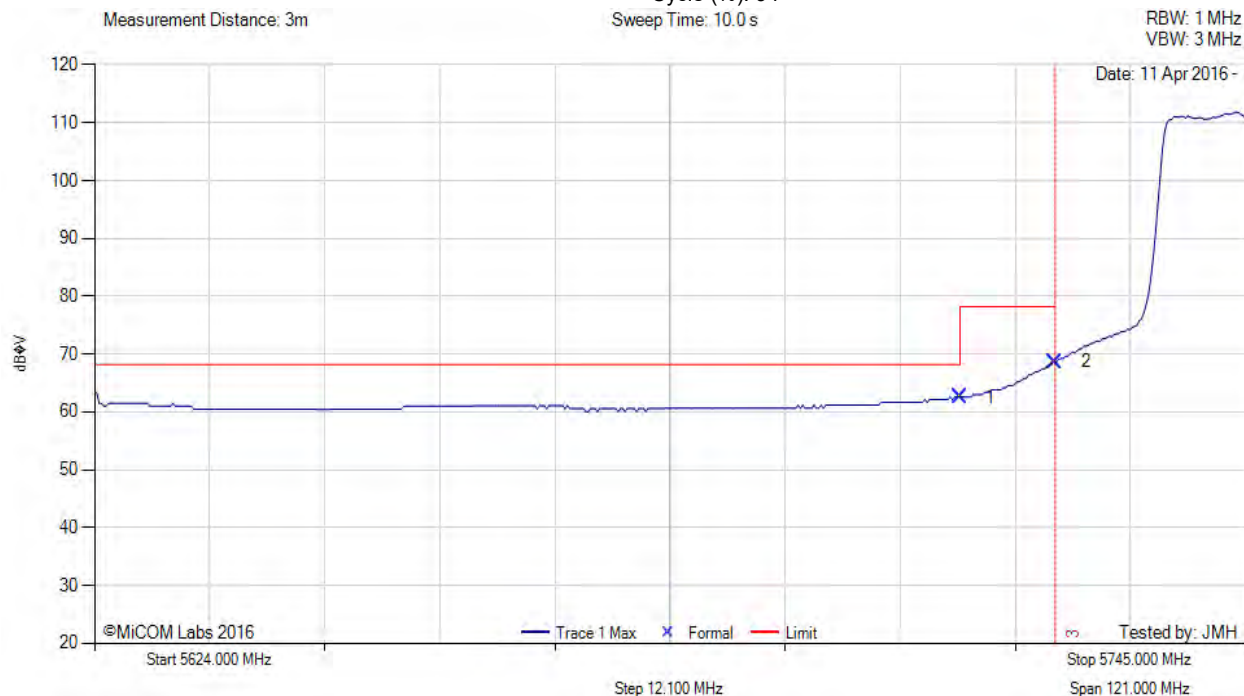
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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	24.44	3.81	34.34	62.59	Max Avg	Horizontal	165	359	68.2	-5.6	Pass
2	5725.00	30.49	3.79	34.35	68.63	Max Avg	Horizontal	165	359	78.2	-9.6	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

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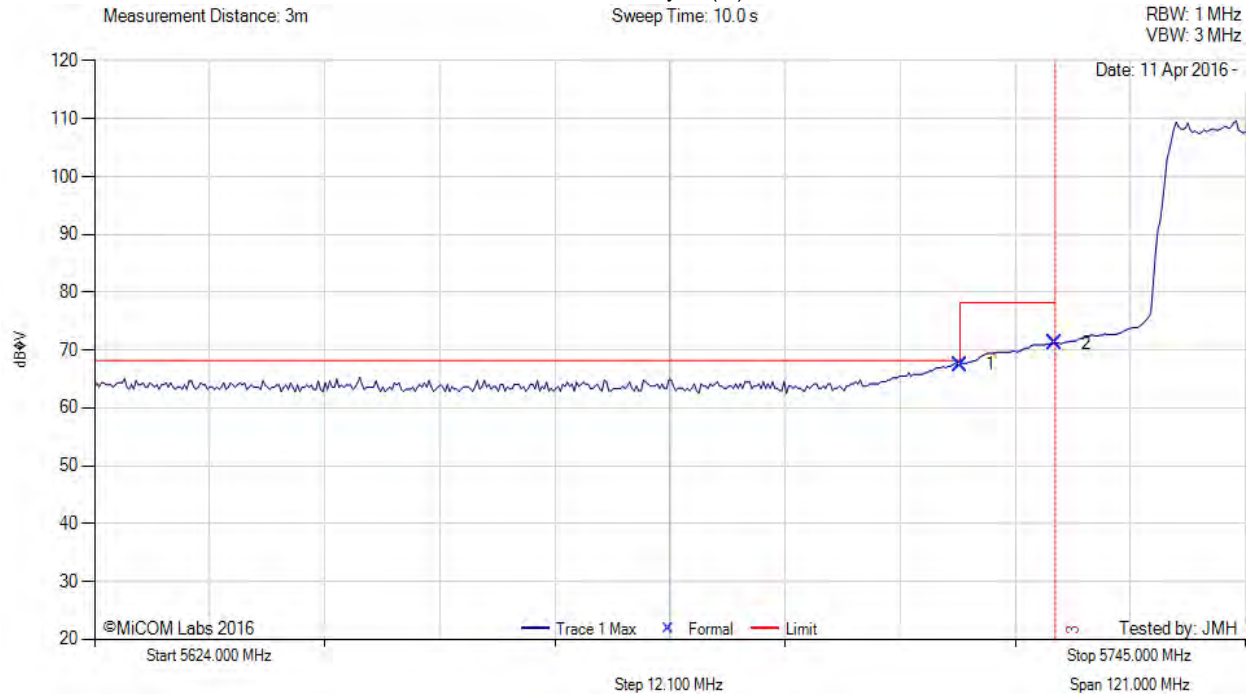


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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	29.30	3.81	34.34	67.45	Max Avg	Horizontal	165	359	68.2	-0.8	Pass
2	5725.00	33.09	3.79	34.35	71.23	Max Avg	Horizontal	165	359	78.2	-7.0	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

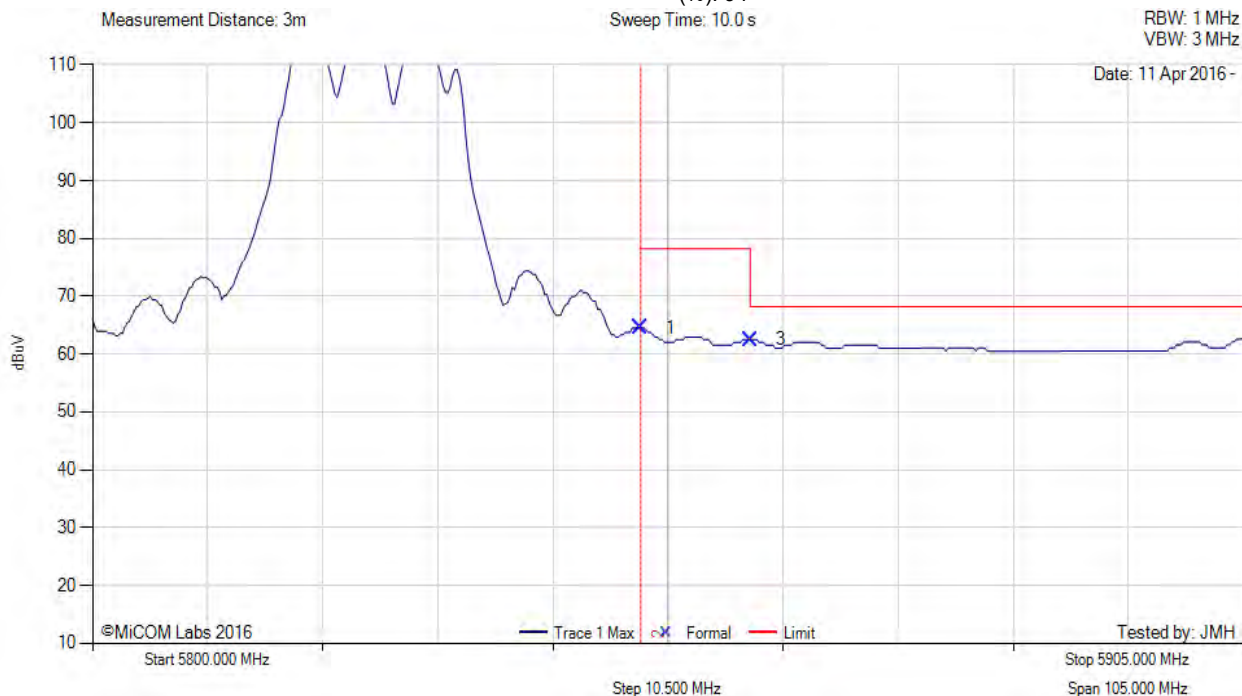
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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	26.08	3.81	34.63	64.52	Max Avg	Horizontal	160	365	78.2	-13.7	Pass
3	5860.00	24.00	3.86	34.65	62.51	Max Avg	Horizontal	160	365	78.2	-15.7	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

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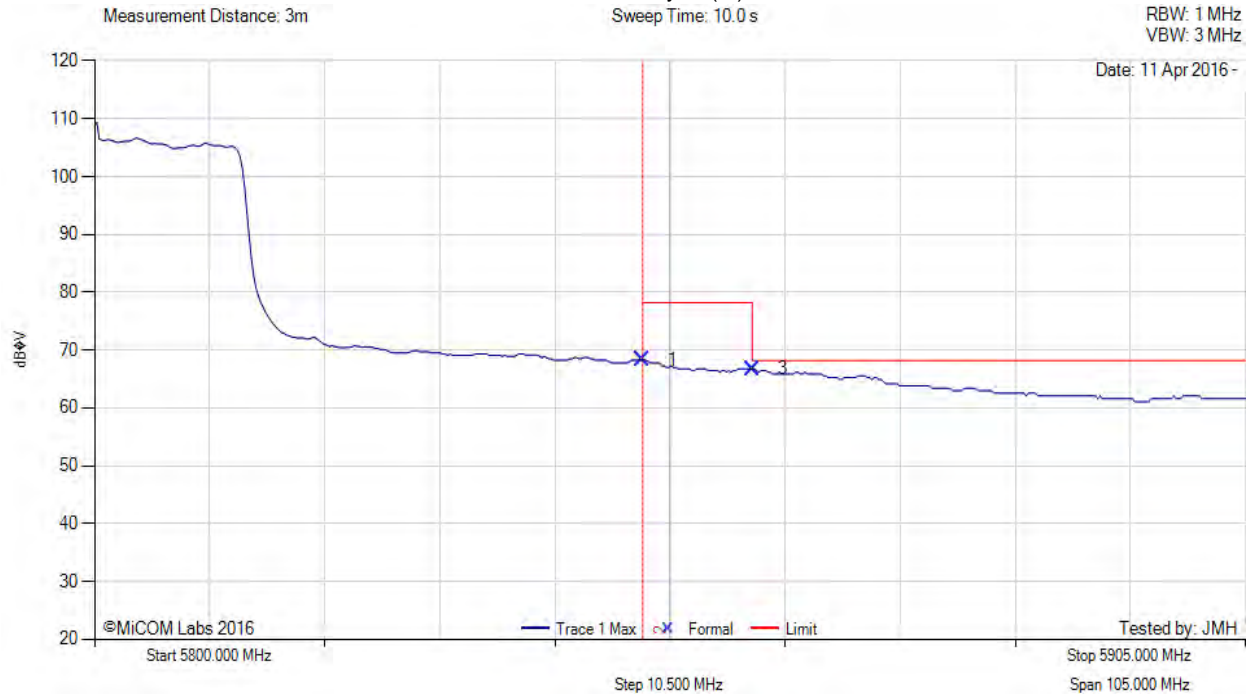


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 72, Duty Cycle (%): 94



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	29.84	3.81	34.63	68.28	Max Avg	Horizontal	160	365	78.2	-10.0	Pass
3	5860.00	28.26	3.86	34.65	66.77	Max Avg	Horizontal	160	365	78.2	-11.5	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

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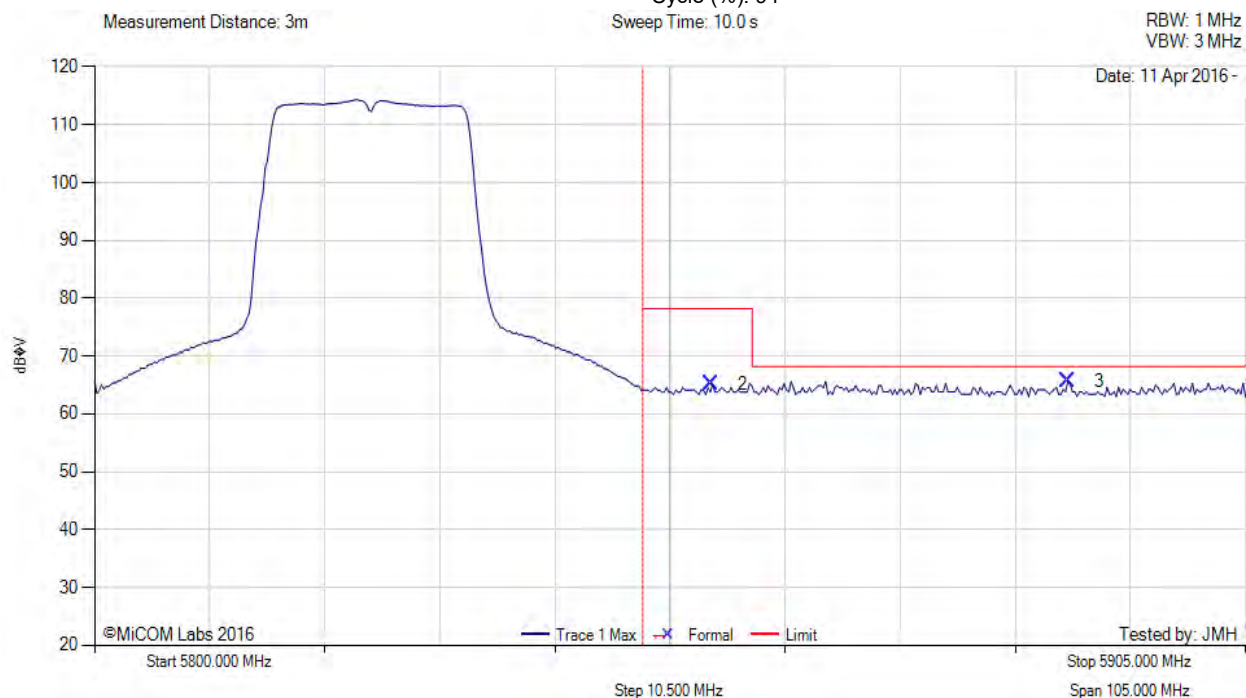


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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
2	5856.31	26.75	3.84	34.64	65.23	Max Avg	Horizontal	160	365	78.2	-13.0	Pass
3	5888.83	27.06	3.82	34.73	65.61	Max Avg	Horizontal	160	365	78.2	-12.6	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

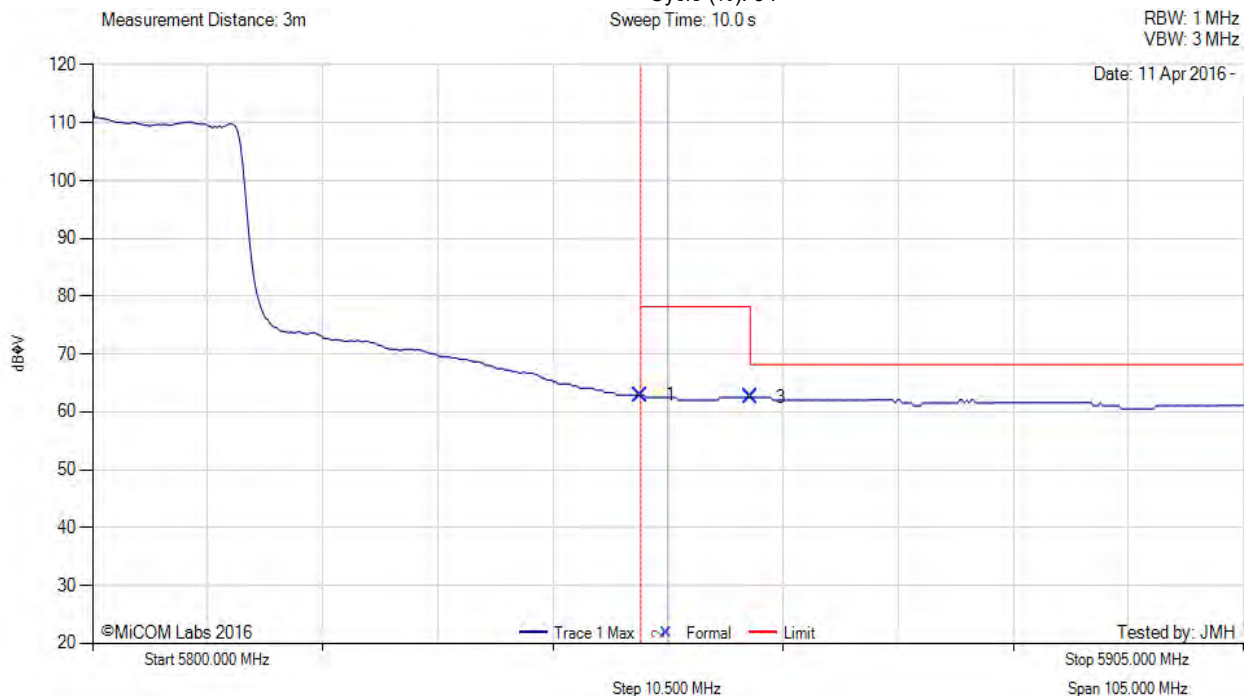
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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks ANT-3x3-5712, Power Setting: 95, Duty Cycle (%): 94



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	24.49	3.81	34.63	62.93	Max Avg	Horizontal	160	365	78.2	-15.3	Pass
3	5860.00	24.00	3.86	34.65	62.51	Max Avg	Horizontal	160	365	78.2	-15.7	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: EUT on 150cm table powered by AC. ENET connected to laptop outside chamber. using 6 db pad to protect RCVR from fund +1 dB for external cables.

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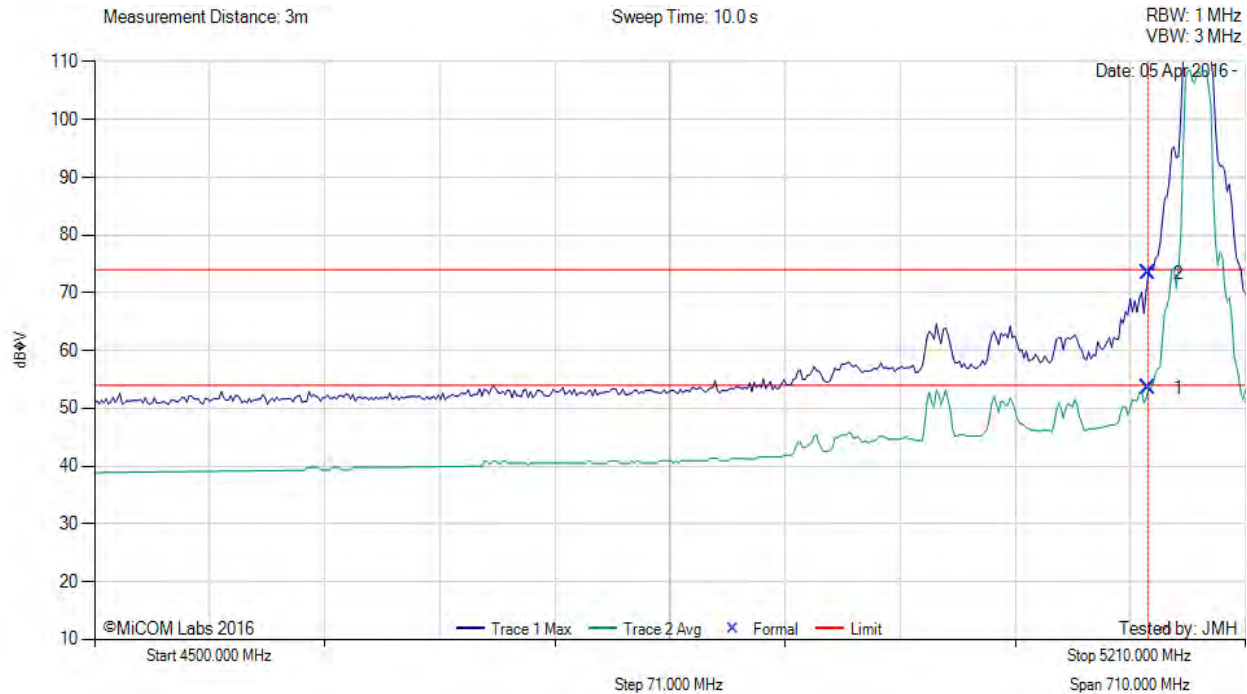
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A.3.2.12. Aruba Networks Integral



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 92, Duty Cycle (%): 94.0



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	15.76	3.67	34.11	53.54	Max Avg	Vertical	126	267	54.0	-0.5	Pass
2	5150.00	35.69	3.67	34.11	73.47	Max Peak	Vertical	126	267	74.0	-0.5	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber. PWR Reduction to meet limit

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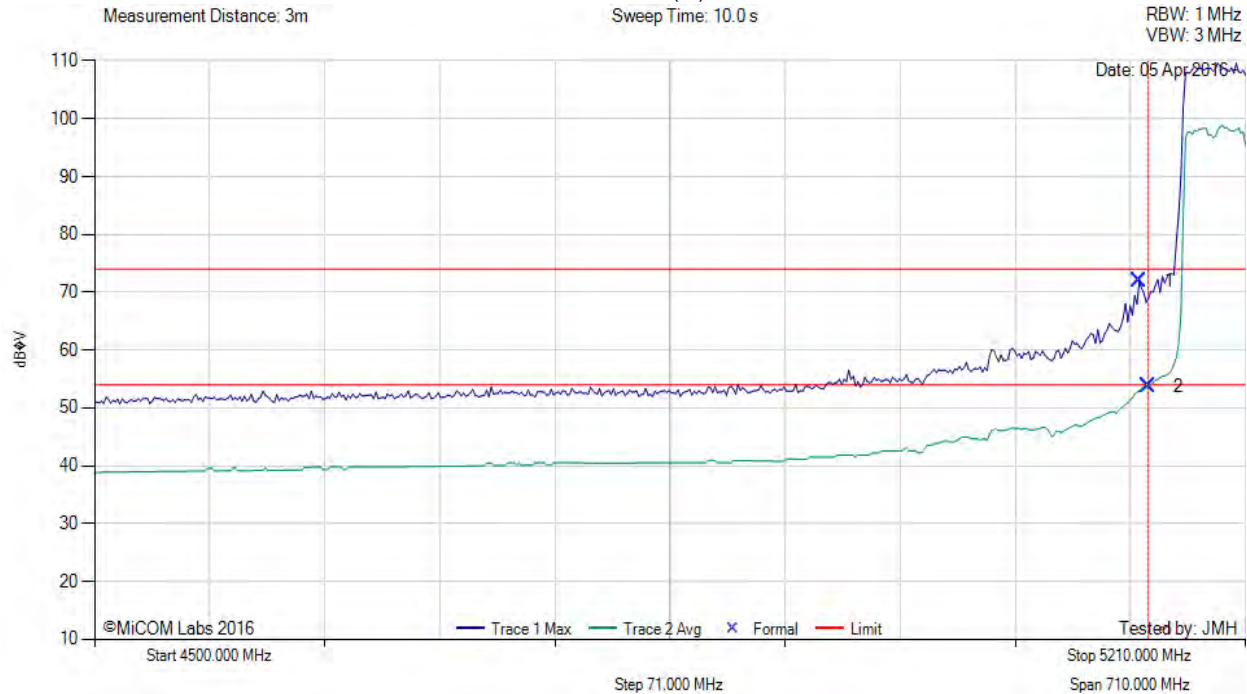


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 75, Duty Cycle (%): 94.0



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	5144.31	34.07	3.70	34.12	71.89	Max Peak	Vertical	126	267	74.0	-2.1	Pass
2	5150.00	16.04	3.67	34.11	53.82	Max Avg	Vertical	126	267	54.0	-0.2	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber. PWR Reduction to 75 to meet limit

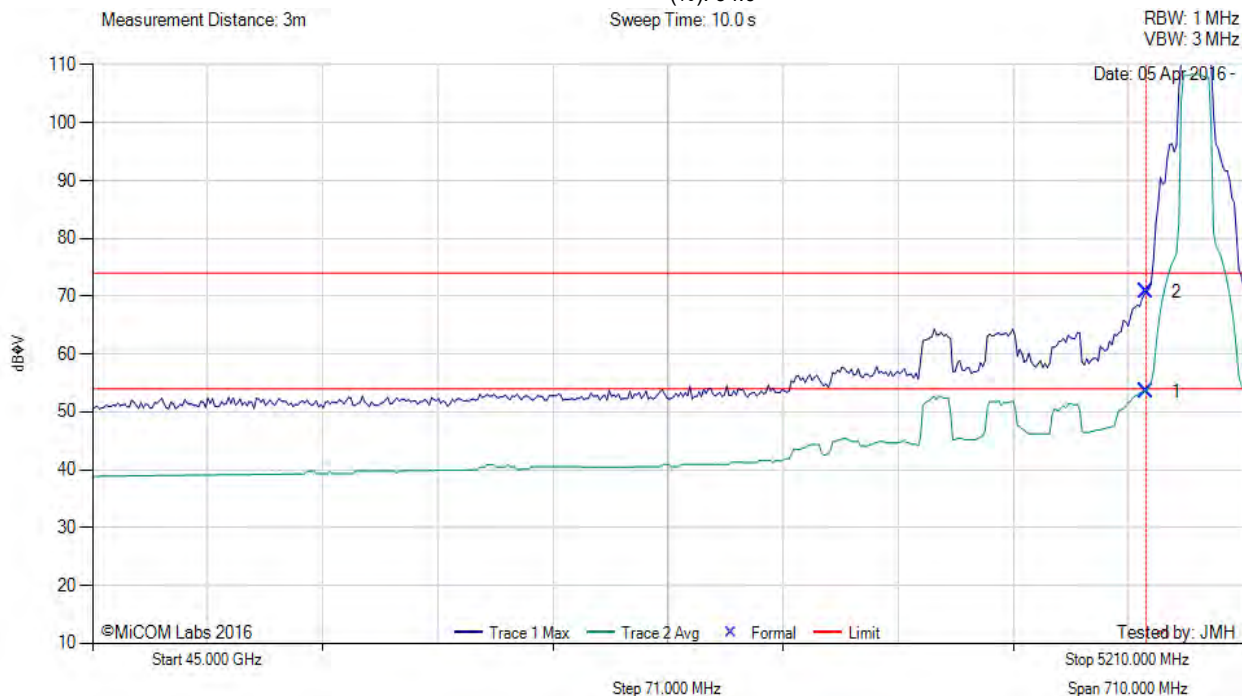
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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 93, Duty Cycle (%): 94.0



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	15.76	3.67	34.11	53.54	Max Avg	Vertical	126	267	54.0	-0.5	Pass
2	5150.00	32.98	3.67	34.11	70.76	Max Peak	Vertical	126	267	74.0	-3.2	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber. PWR Reduction to meet limit

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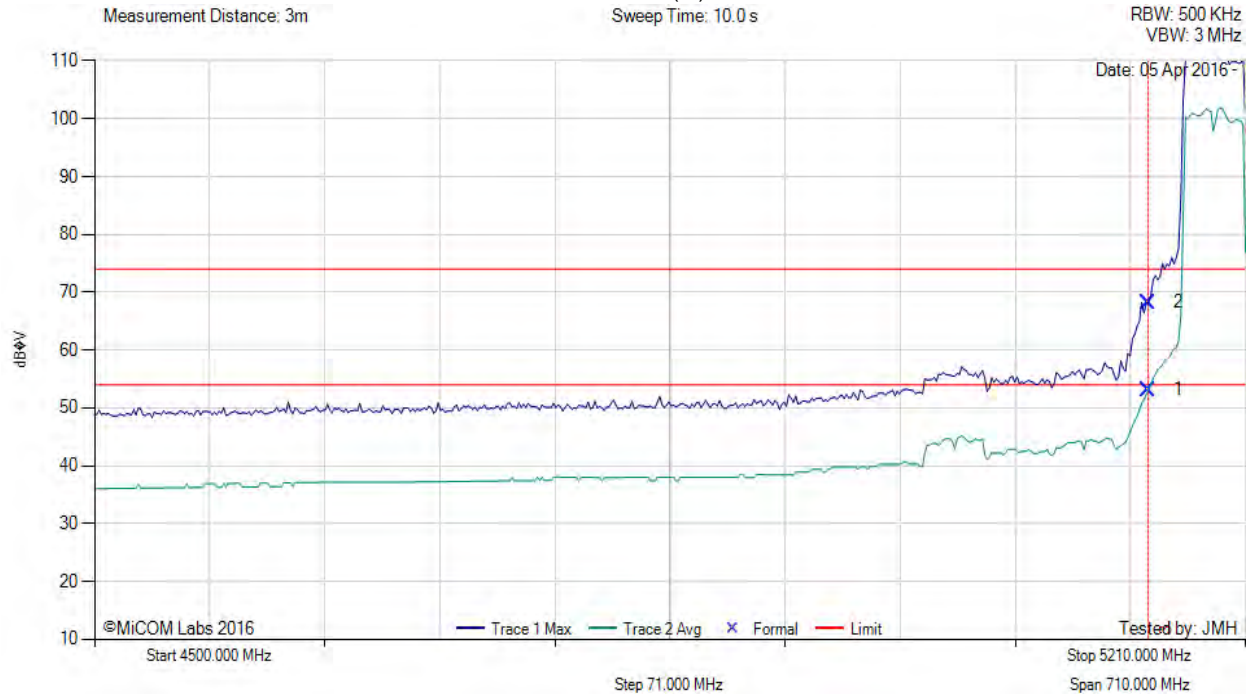


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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 78, Duty Cycle (%): 94.0



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	15.37	3.67	34.11	53.15	Max Avg	Vertical	126	267	54.0	-0.9	Pass
2	5150.00	30.43	3.67	34.11	68.21	Max Peak	Vertical	126	267	74.0	-5.8	Pass
3	5150.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber. PWR Reduction to 78 to meet limit

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0



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	18.32	3.81	34.34	56.47	Max Avg	Vertical	126	259	68.2	-11.8	Pass
2	5724.76	26.55	3.79	34.35	64.69	Max Avg	Vertical	126	259	78.2	-13.5	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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5725 MHz RADIATED BAND-EDGE EMISSIONS

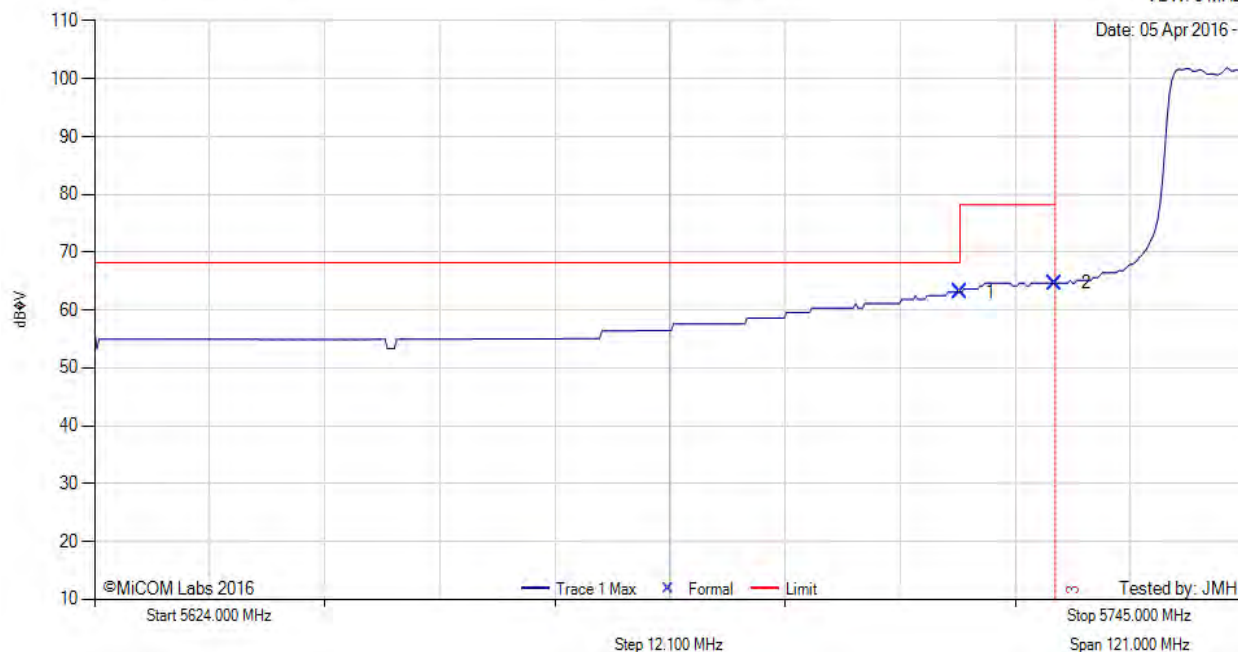
Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 94, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 05 Apr 2016 -



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	24.94	3.81	34.34	63.09	Max Avg	Vertical	126	259	68.2	-5.1	Pass
2	5725.00	26.55	3.79	34.35	64.69	Max Avg	Vertical	126	259	78.2	-13.5	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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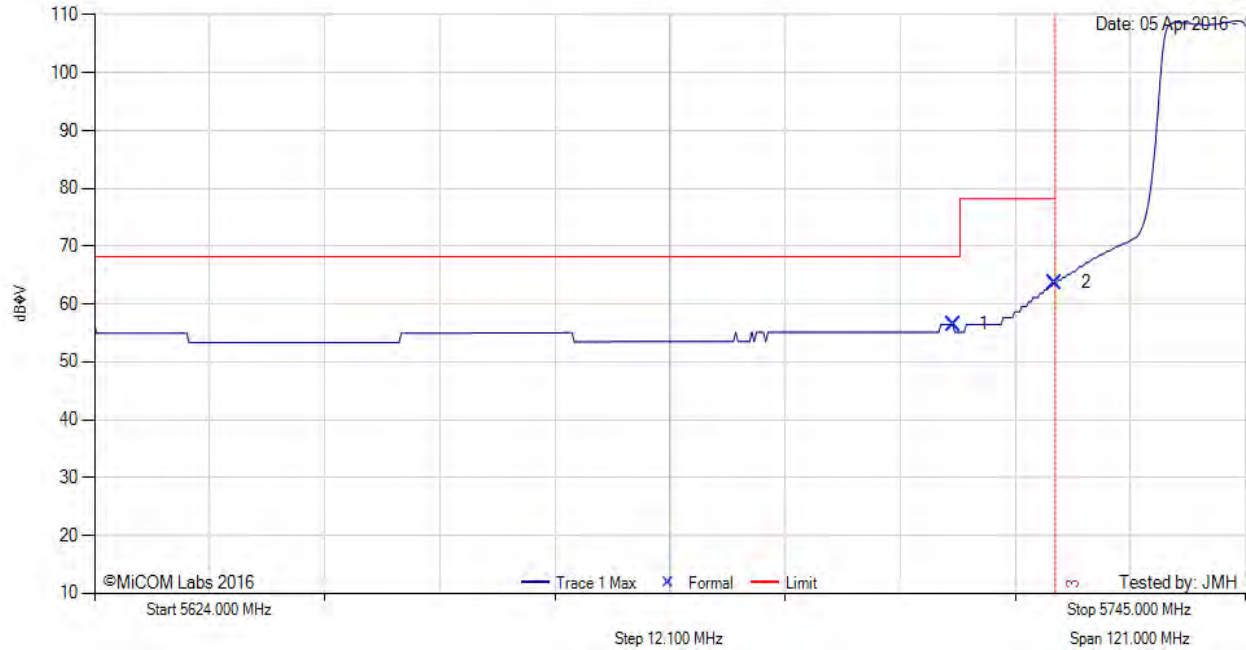
5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz



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	18.31	3.82	34.34	56.47	Max Avg	Vertical	126	259	68.2	-11.8	Pass
2	5725.00	25.53	3.79	34.35	63.67	Max Avg	Vertical	126	259	78.2	-14.6	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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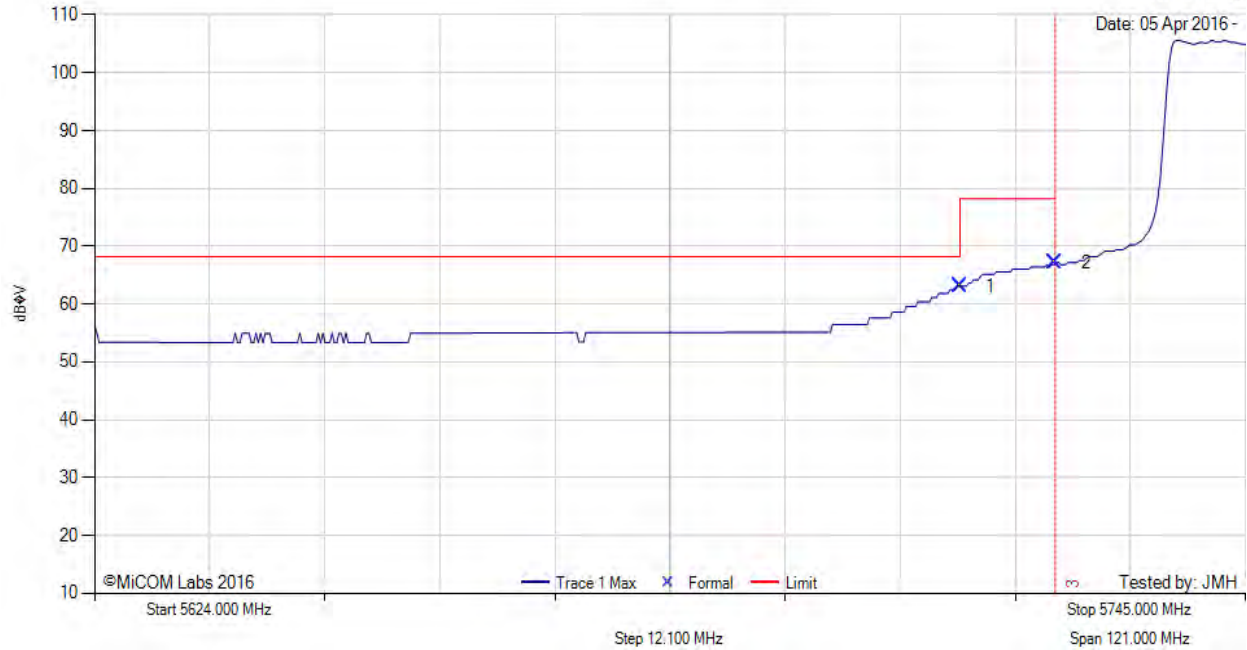
5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz



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	24.94	3.81	34.34	63.09	Max Avg	Vertical	126	259	68.2	-5.1	Pass
2	5725.00	29.05	3.79	34.35	67.19	Max Avg	Vertical	126	259	78.2	-11.0	Pass
3	5725.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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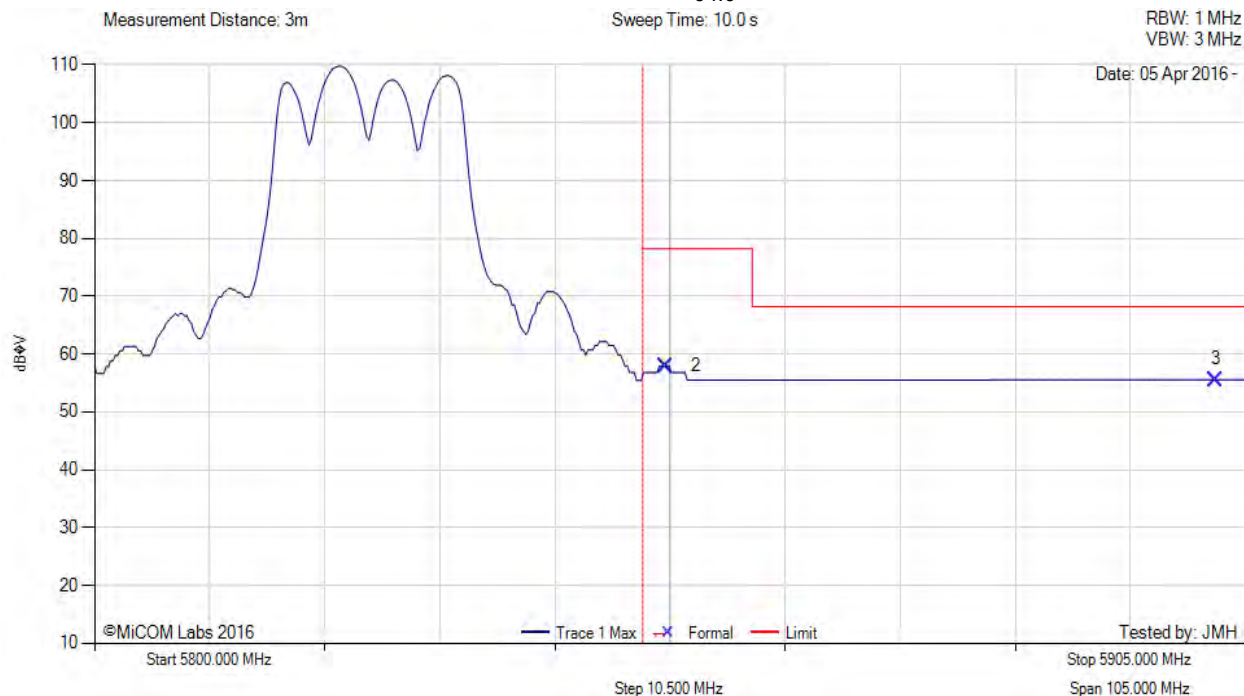


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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0



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
2	5852.10	19.53	3.82	34.63	57.98	Max Avg	Vertical	126	43	78.2	-20.3	Pass
3	5902.26	17.00	3.82	34.77	55.59	Max Avg	Vertical	126	43	68.2	-12.6	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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5850 MHz RADIATED BAND-EDGE EMISSIONS

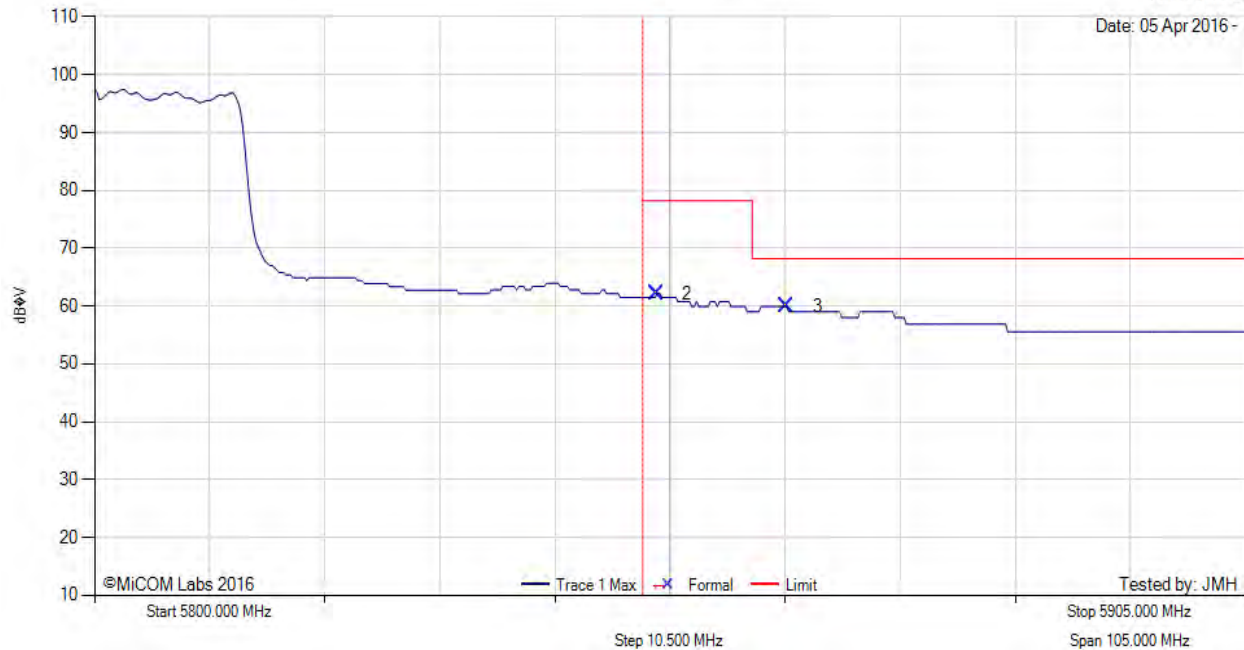
Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 94, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 05 Apr 2016 -



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
2	5851.26	23.76	3.81	34.63	62.20	Max Avg	Vertical	126	43	78.2	-16.0	Pass
3	5863.16	21.44	3.85	34.66	59.95	Max Avg	Vertical	126	43	68.2	-8.3	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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5850 MHz RADIATED BAND-EDGE EMISSIONS

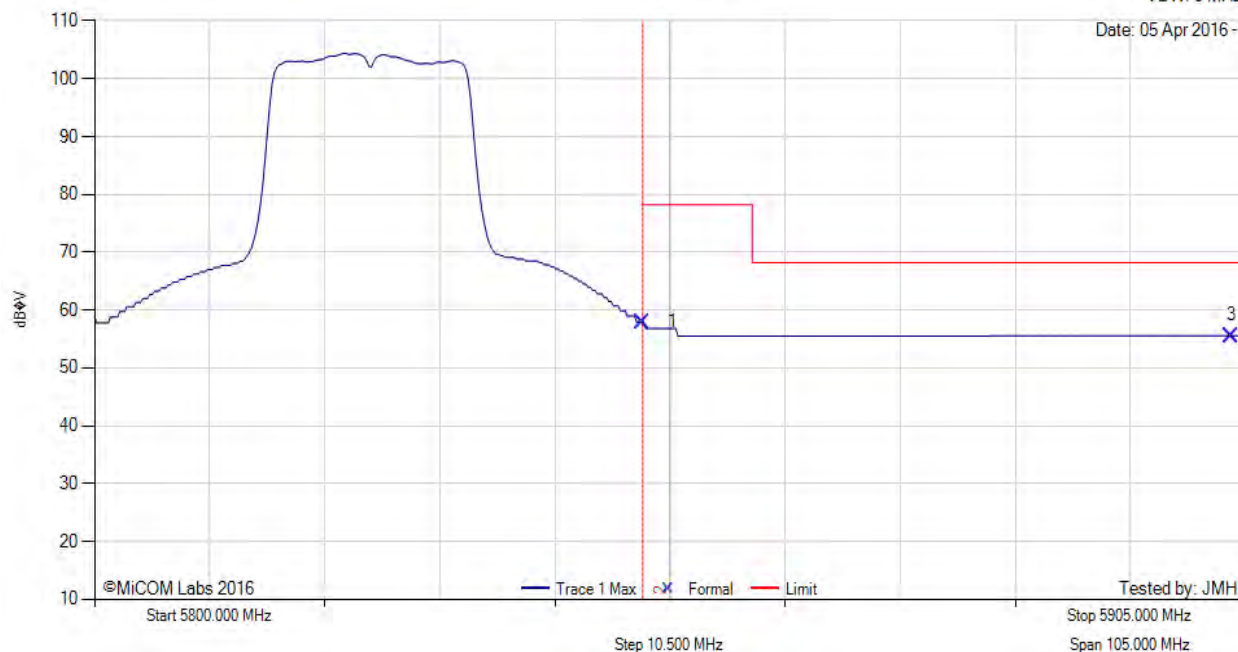
Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 05 Apr 2016 -



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	19.53	3.81	34.63	57.97	Max Avg	Vertical	126	43	78.2	-20.3	Pass
3	5903.74	17.00	3.82	34.77	55.59	Max Avg	Vertical	126	43	68.2	-12.6	Pass
2	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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5850 MHz RADIATED BAND-EDGE EMISSIONS

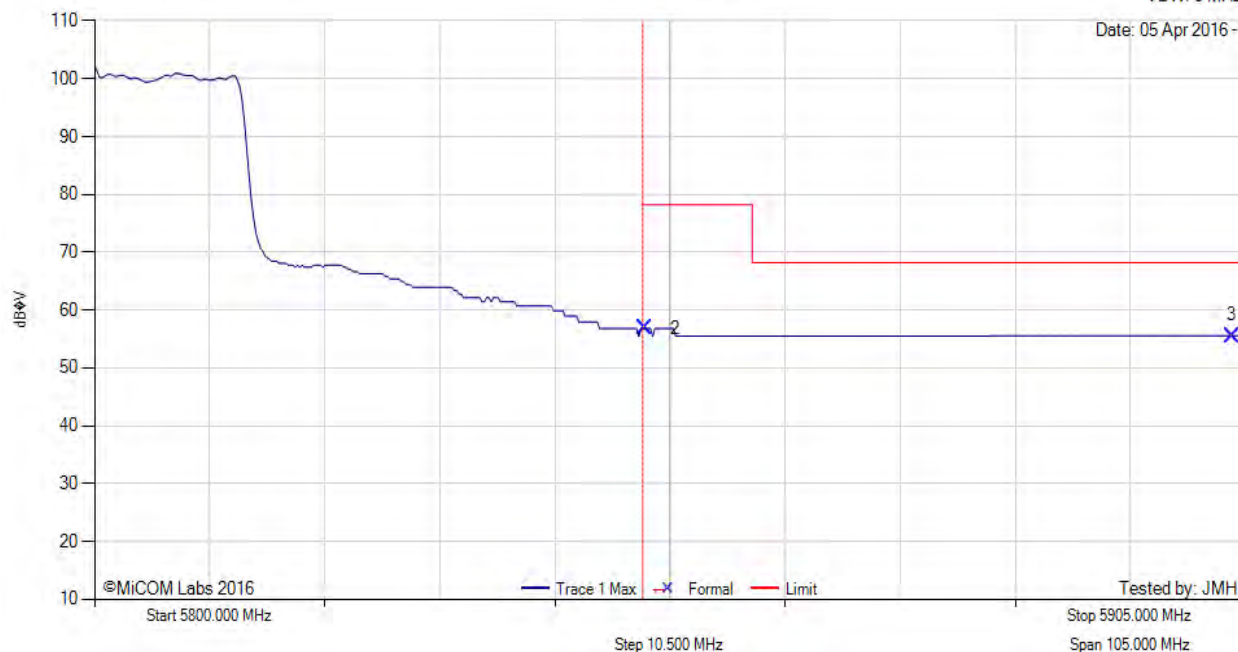
Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks Integral, Power Setting: 95, Duty Cycle (%): 94.0

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
 VBW: 3 MHz

Date: 05 Apr 2016 -



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
2	5850.21	18.38	3.81	34.63	56.82	Max Avg	Vertical	126	43	78.2	-21.4	Pass
3	5903.77	17.00	3.82	34.77	55.59	Max Avg	Vertical	126	43	68.2	-12.6	Pass
1	5850.00	--	--	--	--	Band Edge	--	--	--	--	--	--

Test Notes: AP-275 powered by 7010 controller poe port, connected to laptop via mini-USB in chamber

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