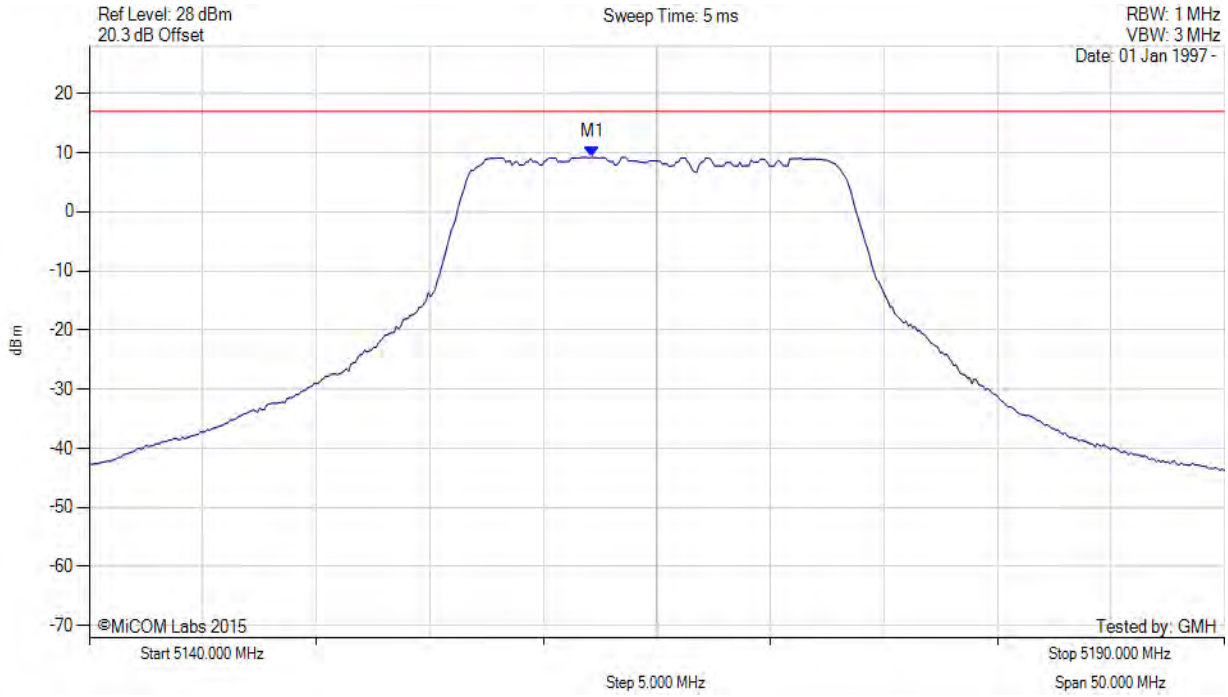
A.2. Power Spectral Density

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5165.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5162.144 MHz : 9.237 dBm	Limit: ≤ 17.000 dBm

back to matrix

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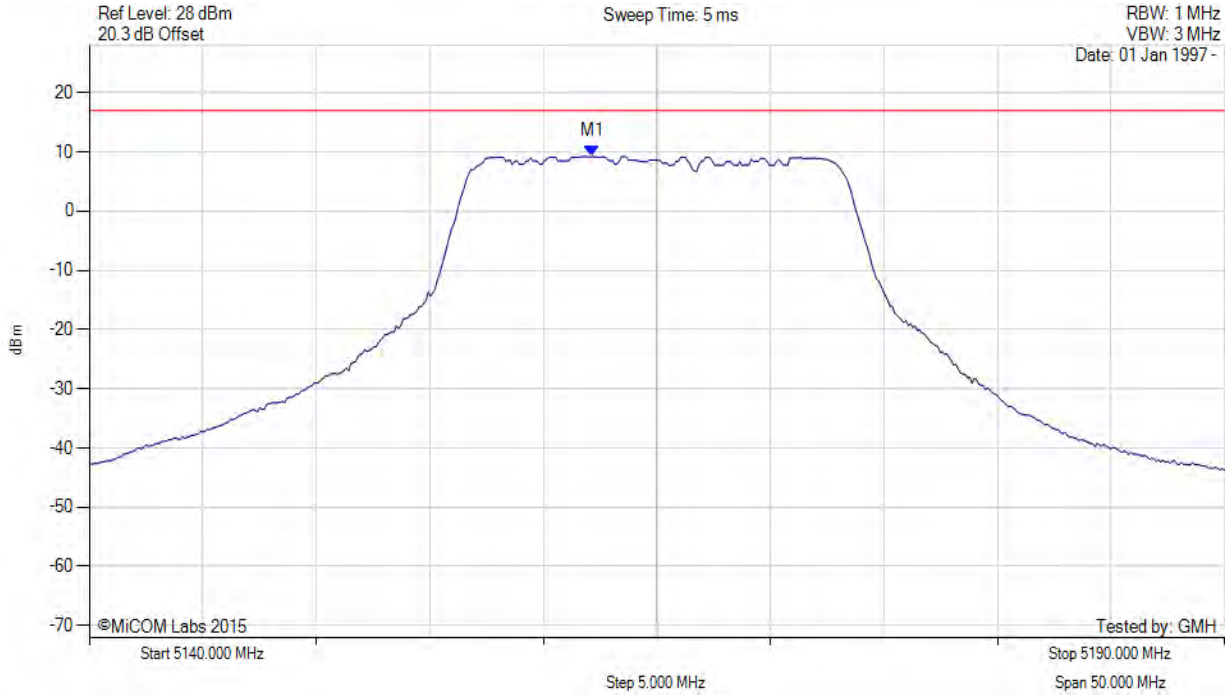
POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5165.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



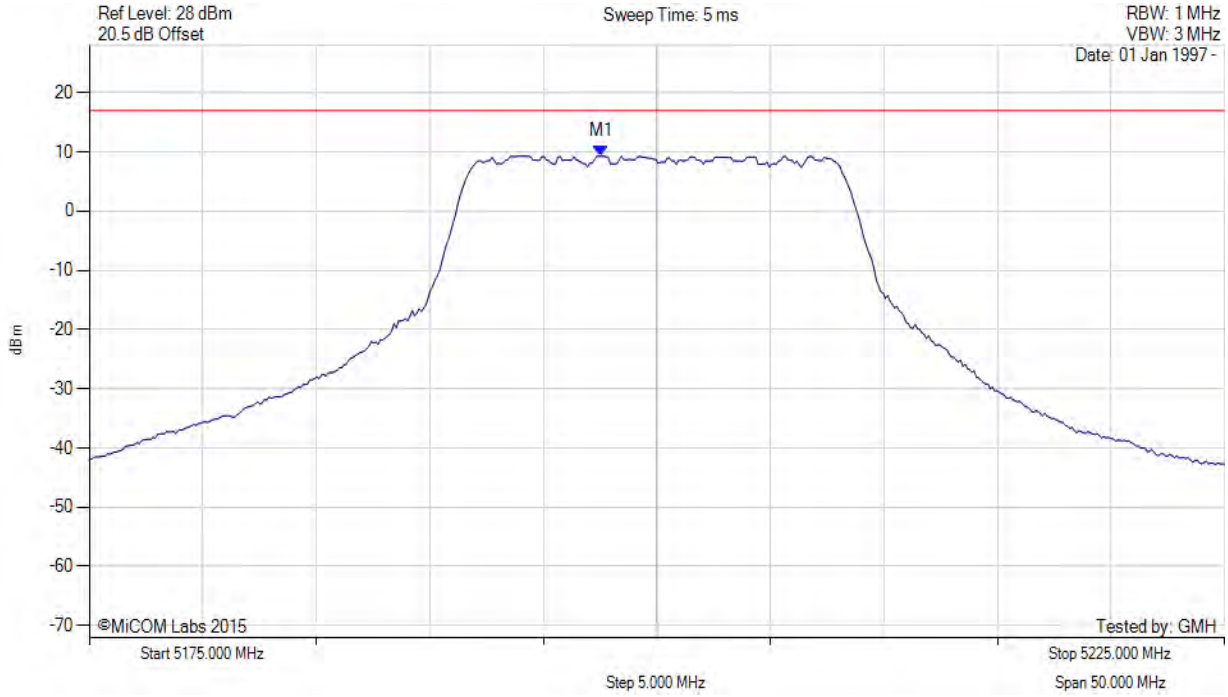
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5162.100 MHz : 9.237 dBm M1 + DCCF : 5162.100 MHz : 9.320 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 17.0 dBm Margin: -7.7 dB

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5197.545 MHz : 9.288 dBm	Limit: ≤ 17.000 dBm

back to matrix

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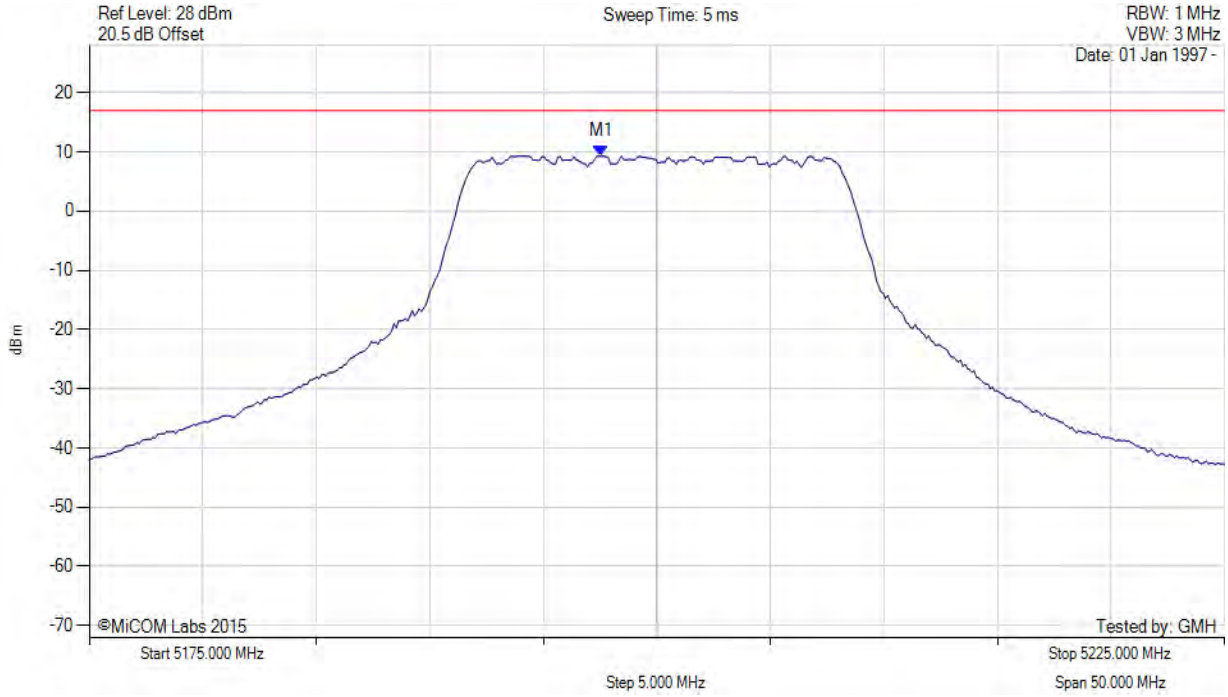
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5197.500 MHz : 9.288 dBm M1 + DCCF : 5197.500 MHz : 9.371 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 17.0 dBm Margin: -7.6 dB

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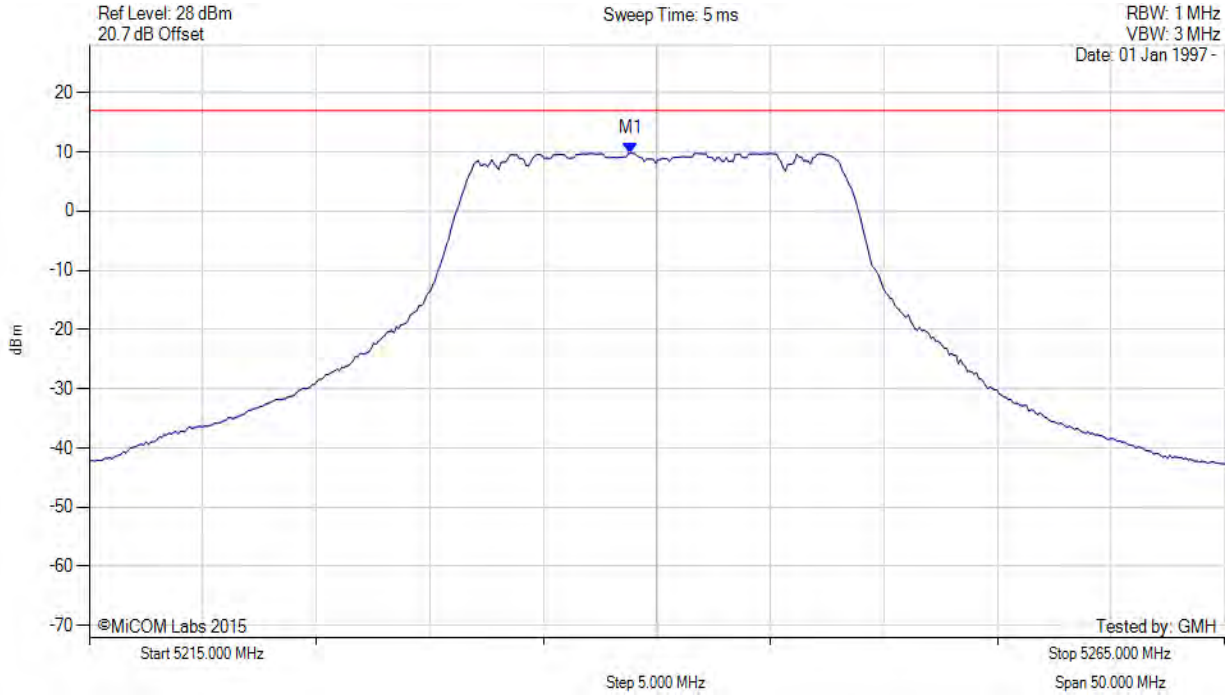
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



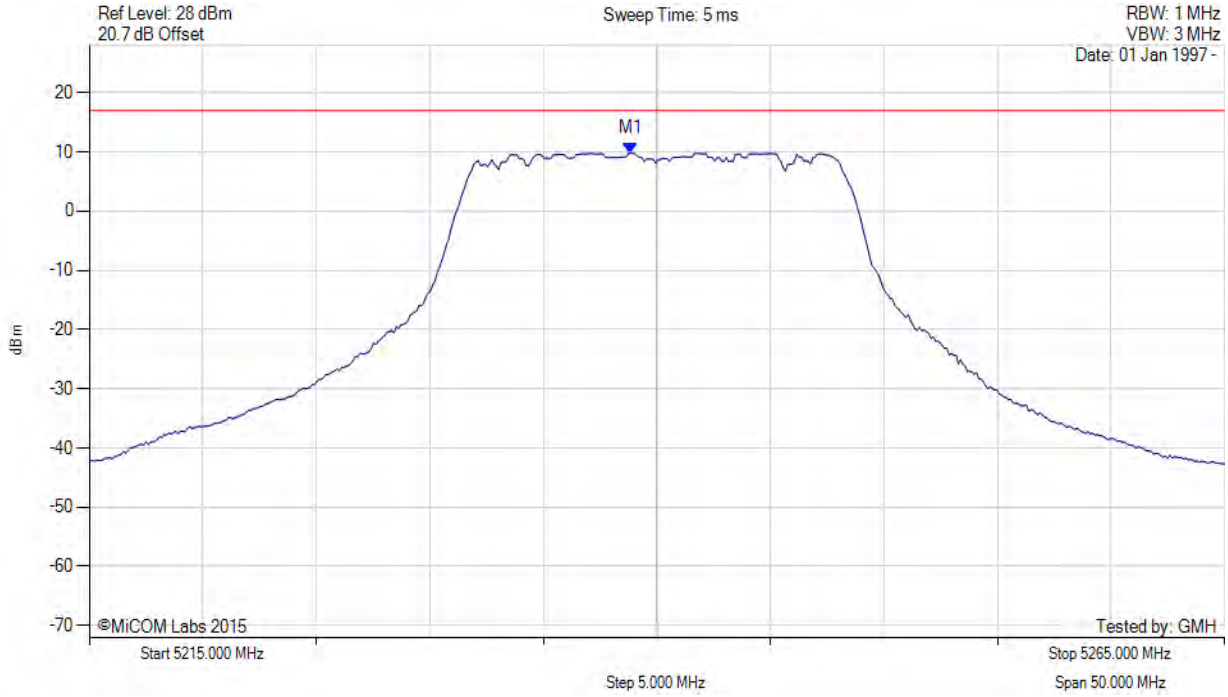
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.848 MHz : 9.781 dBm	Limit: ≤ 17.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



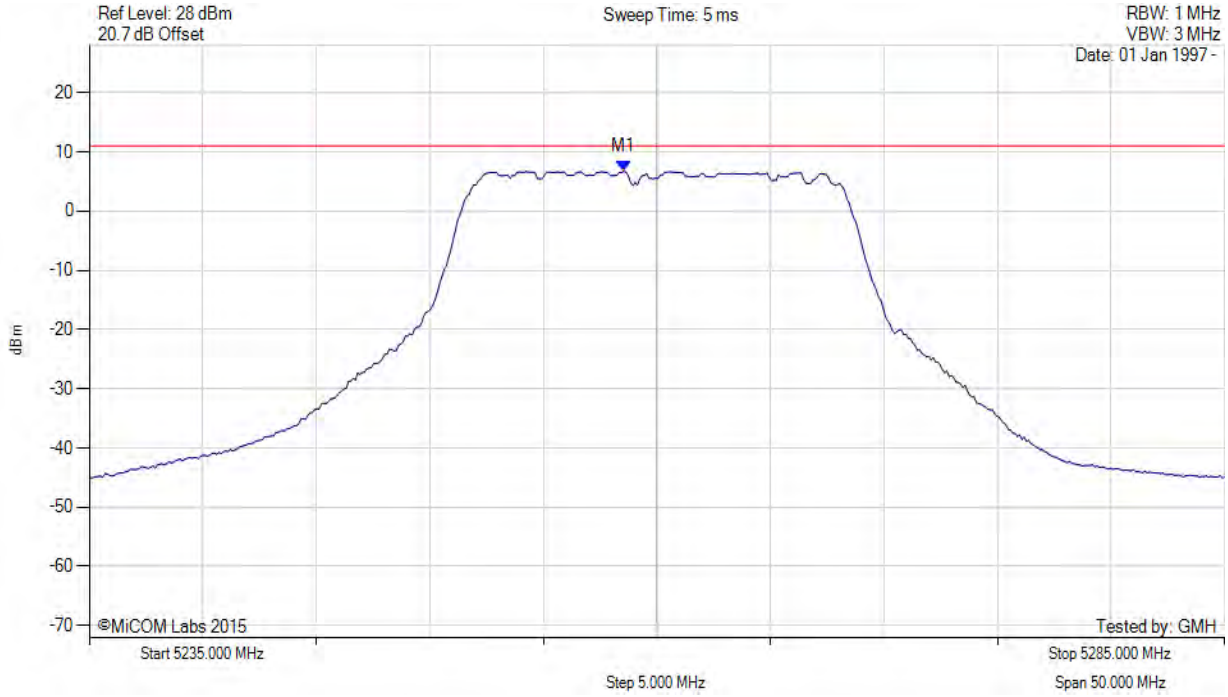
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5238.800 MHz : 9.781 dBm M1 + DCCF : 5238.800 MHz : 9.864 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 17.0 dBm Margin: -7.1 dB

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



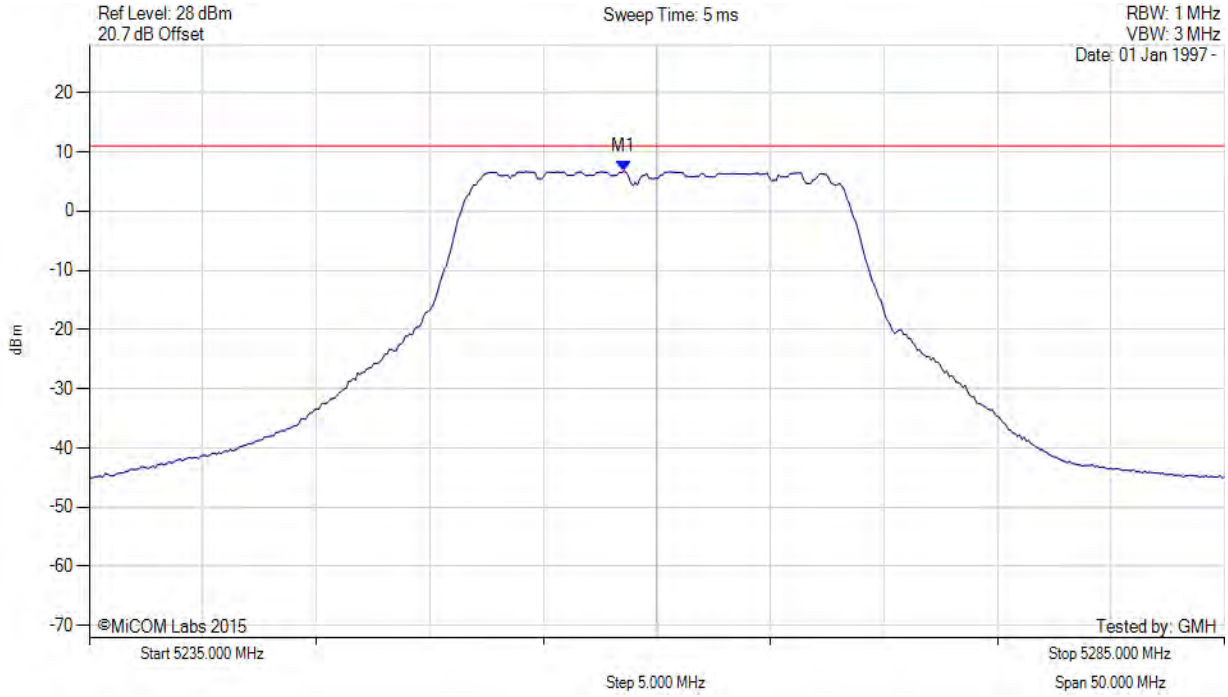
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5258.547 MHz : 6.690 dBm	Limit: ≤ 11.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5258.500 MHz : 6.690 dBm M1 + DCCF : 5258.500 MHz : 6.773 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -4.2 dB

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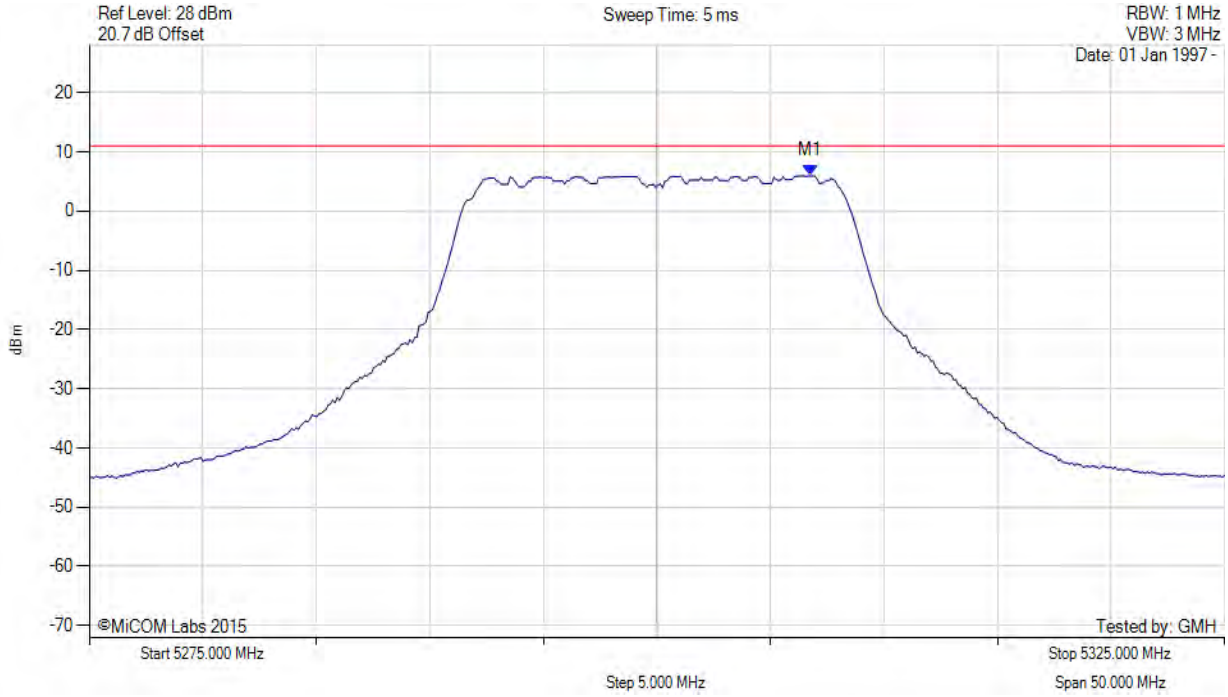
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



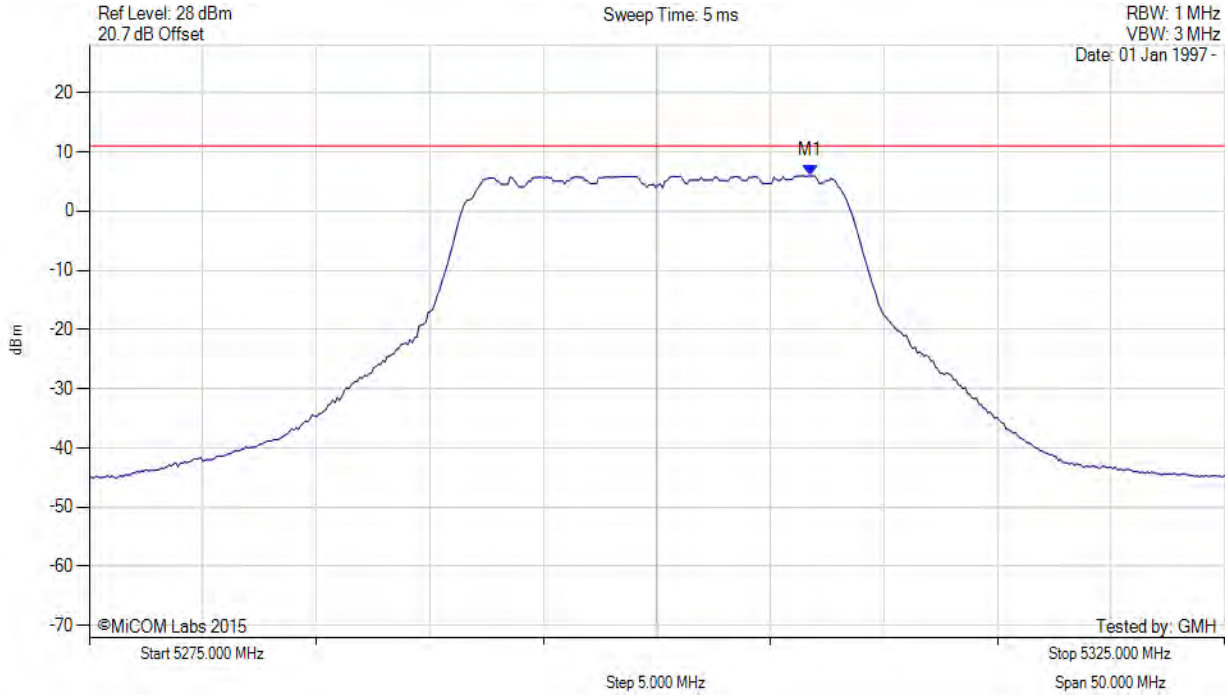
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5306.764 MHz : 5.956 dBm	Limit: ≤ 11.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



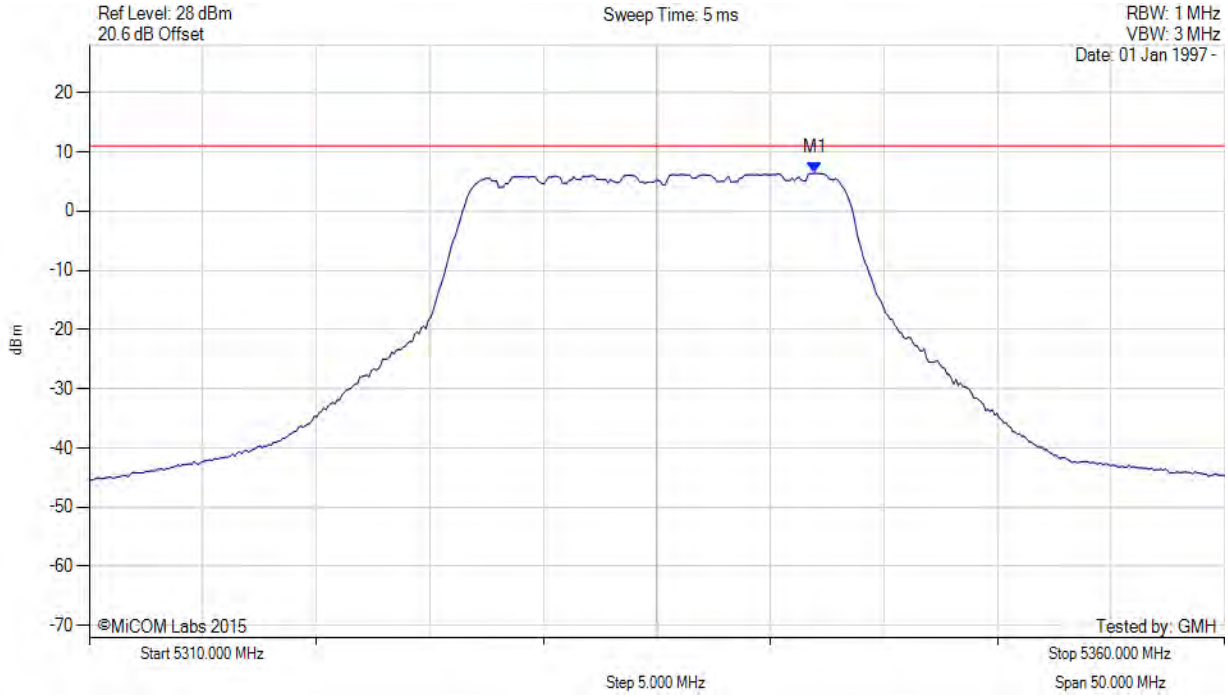
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5306.800 MHz : 5.956 dBm M1 + DCCF : 5306.800 MHz : 6.039 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -5.0 dB

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5335.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



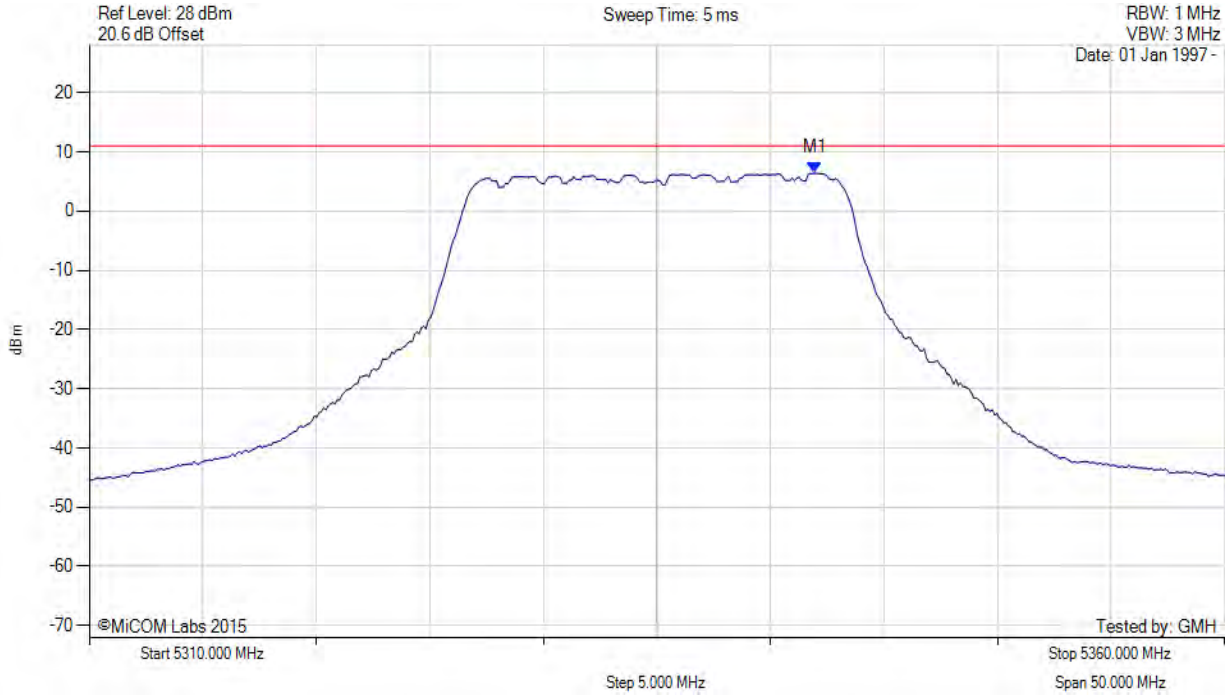
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.964 MHz : 6.438 dBm	Limit: ≤ 11.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5335.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



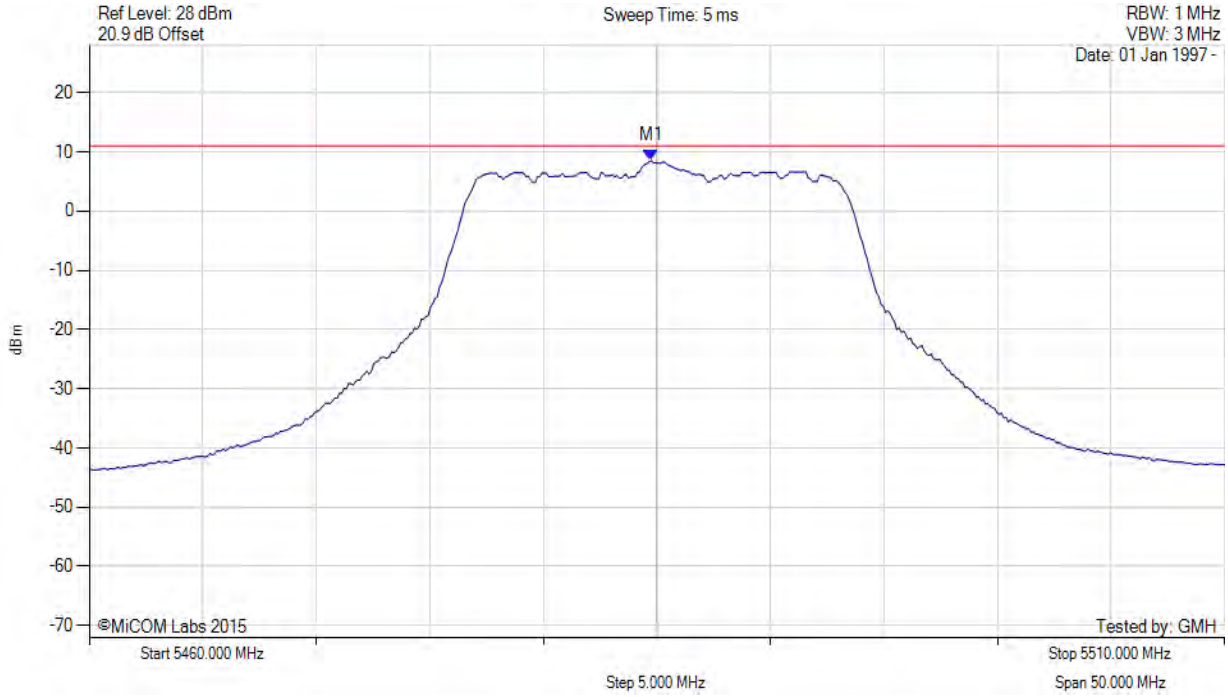
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5342.000 MHz : 6.438 dBm M1 + DCCF : 5342.000 MHz : 6.521 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -4.5 dB

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5485.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5484.749 MHz : 8.528 dBm	Limit: ≤ 11.000 dBm

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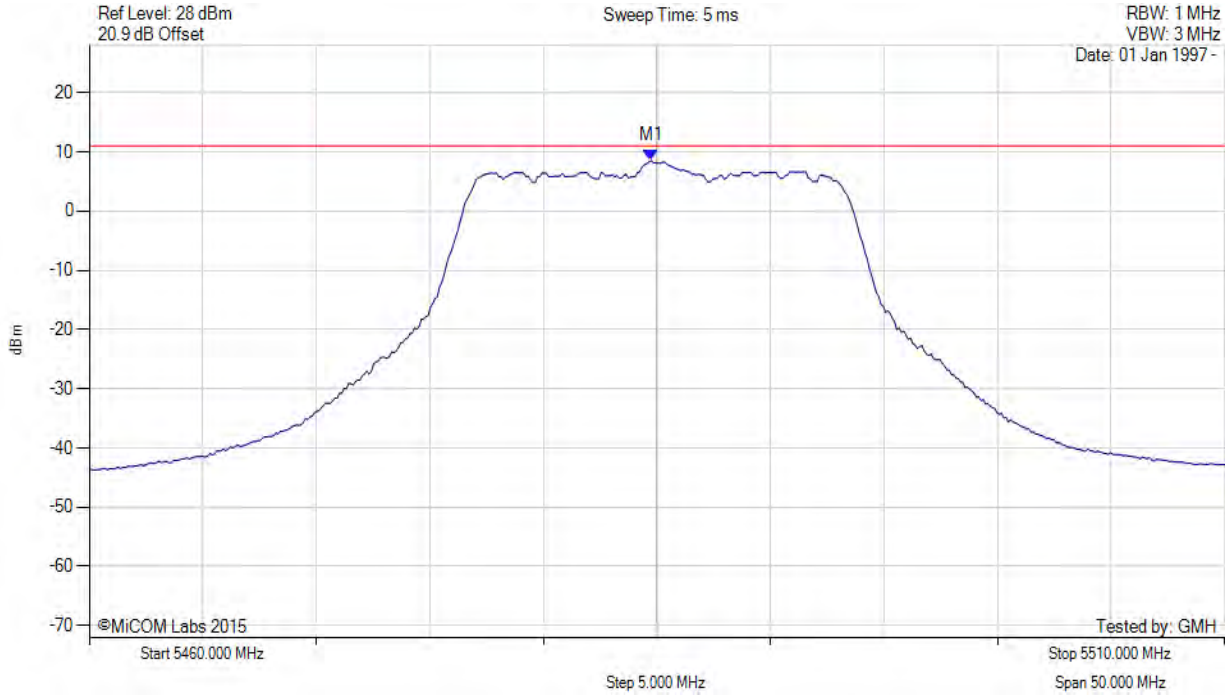
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5485.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5484.700 MHz : 8.528 dBm M1 + DCCF : 5484.700 MHz : 8.611 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -2.4 dB

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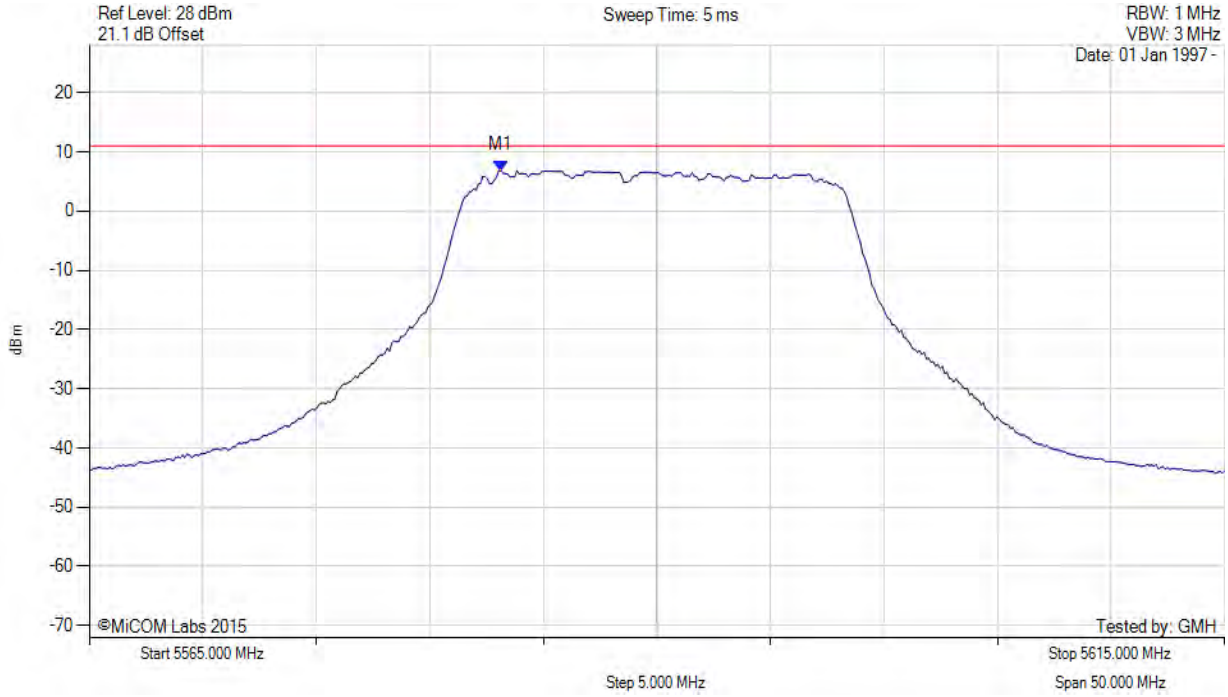
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5590.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



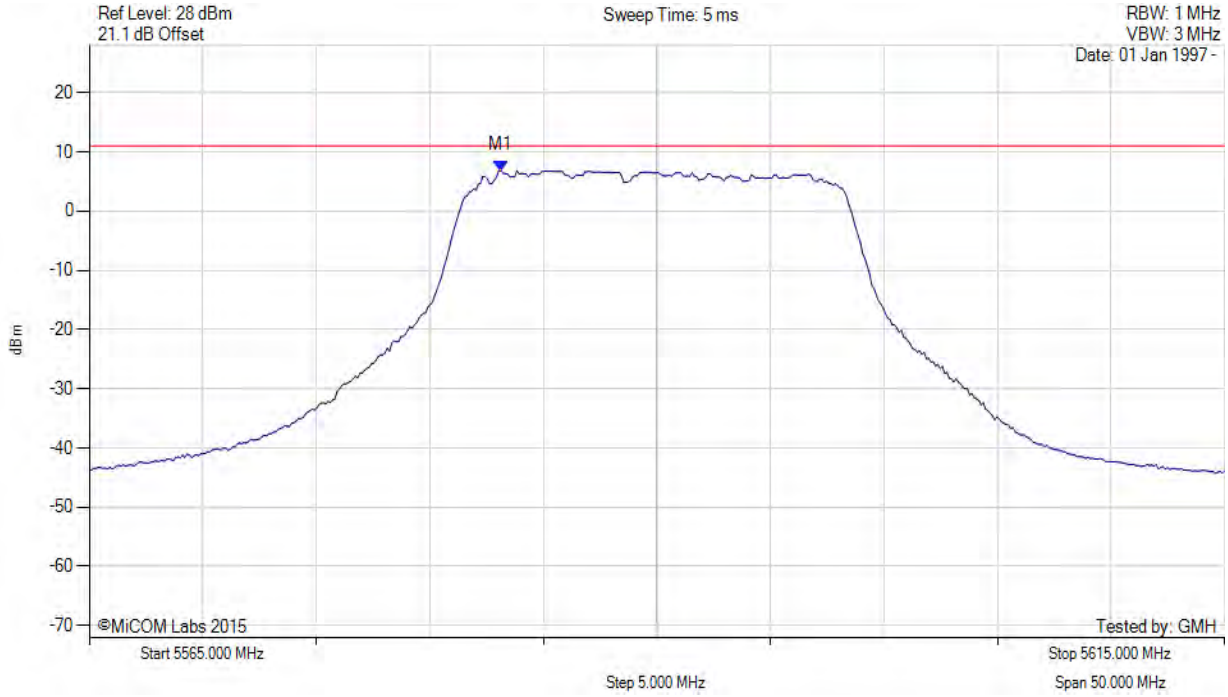
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5583.136 MHz : 6.831 dBm	Limit: ≤ 11.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5590.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5583.100 MHz : 6.831 dBm M1 + DCCF : 5583.100 MHz : 6.914 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -4.1 dB

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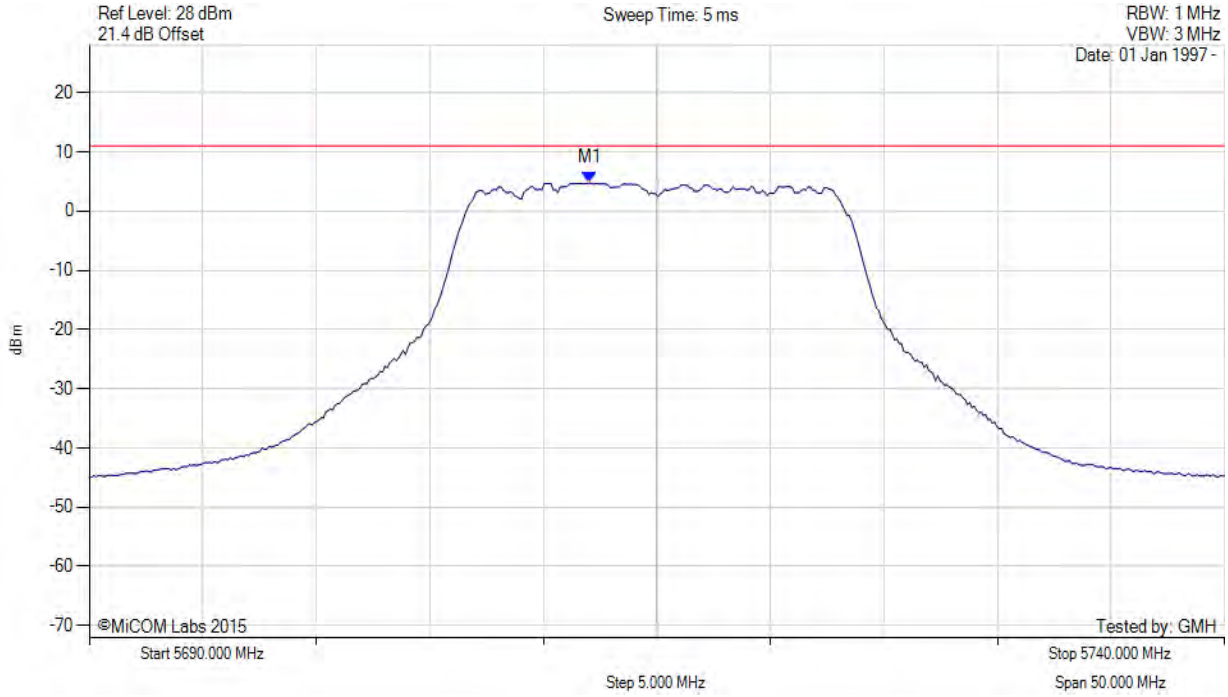
POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5715.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5712.044 MHz : 4.767 dBm	Limit: ≤ 11.000 dBm

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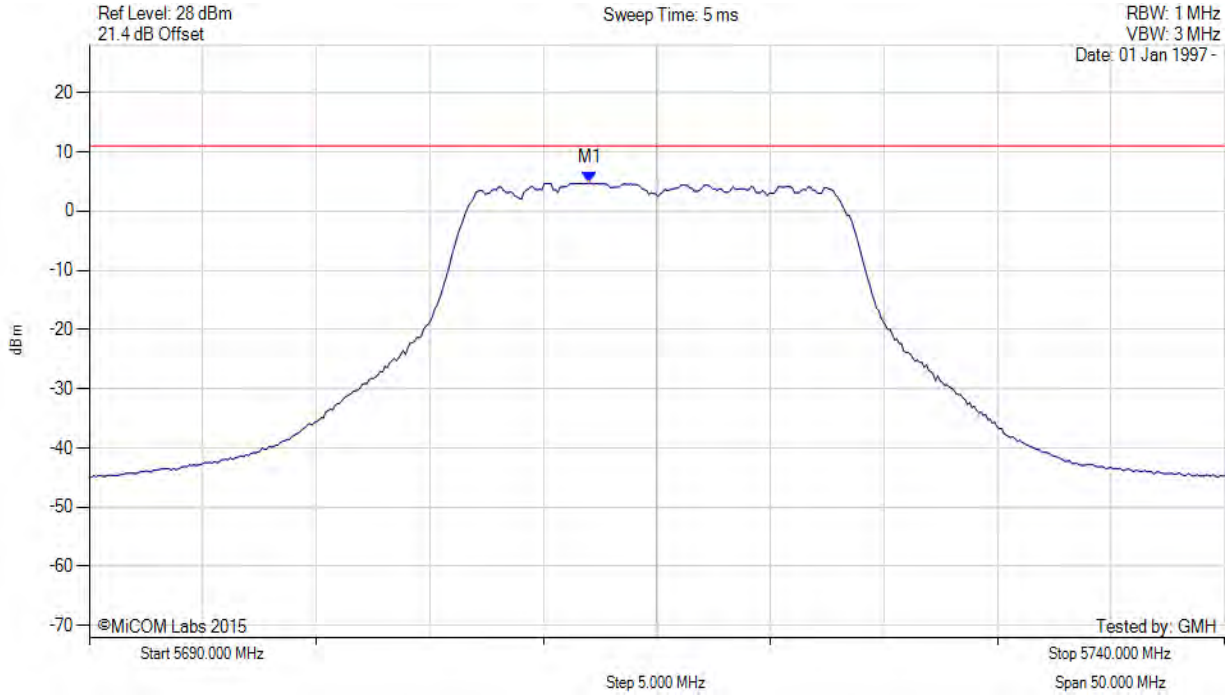
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5715.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5712.000 MHz : 4.767 dBm M1 + DCCF : 5712.000 MHz : 4.850 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -6.1 dB

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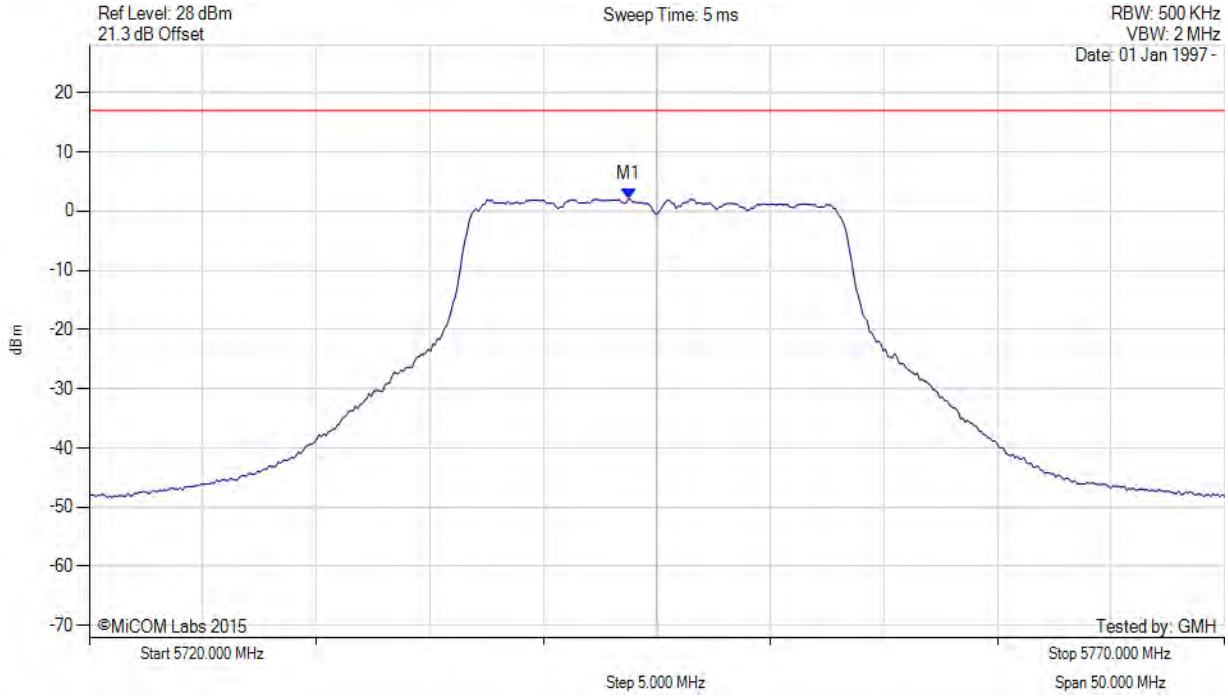
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.747 MHz : 2.061 dBm	Limit: ≤ 17.000 dBm

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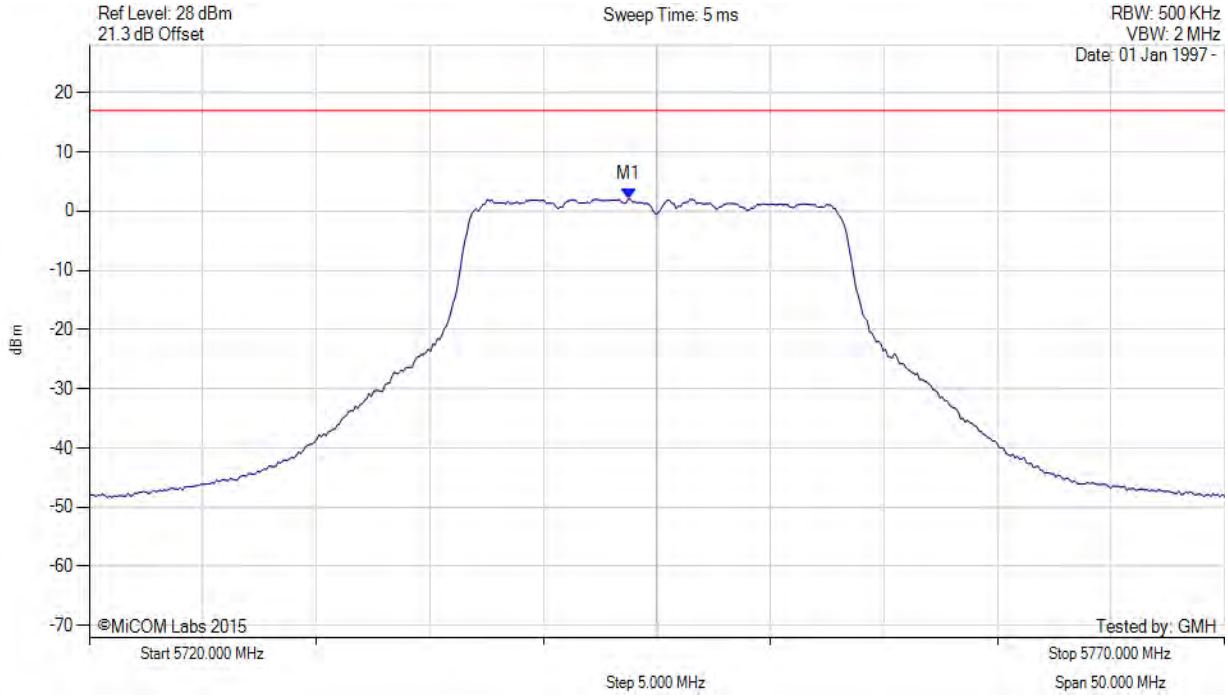
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.700 MHz : 2.061 dBm M1 + DCCF : 5743.700 MHz : 2.144 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 17.0 dBm Margin: -14.9 dB

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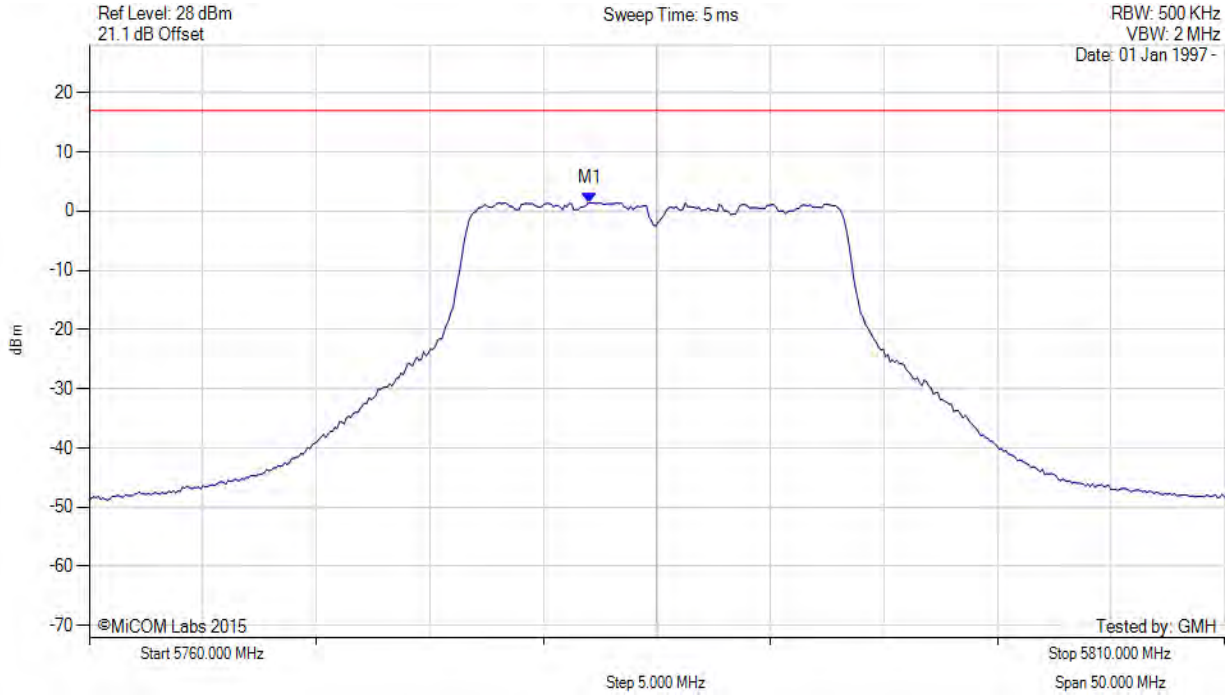
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



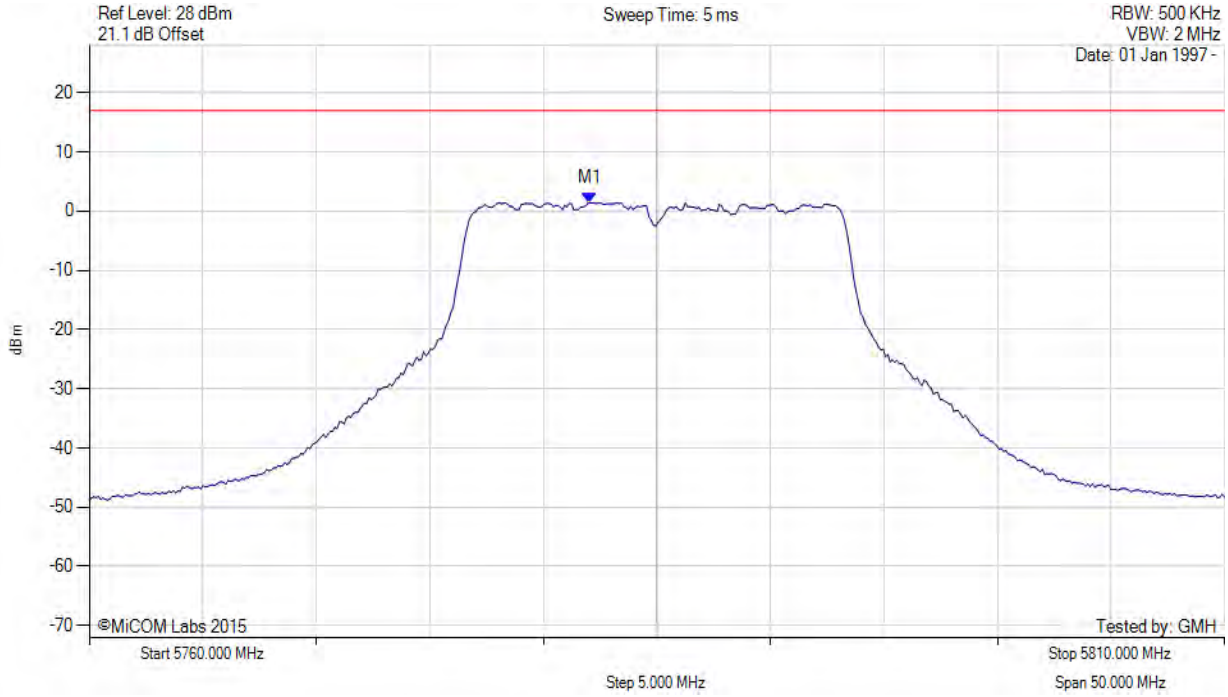
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5782.044 MHz : 1.412 dBm	Limit: ≤ 17.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5782.000 MHz : 1.412 dBm M1 + DCCF : 5782.000 MHz : 1.495 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 17.0 dBm Margin: -15.5 dB

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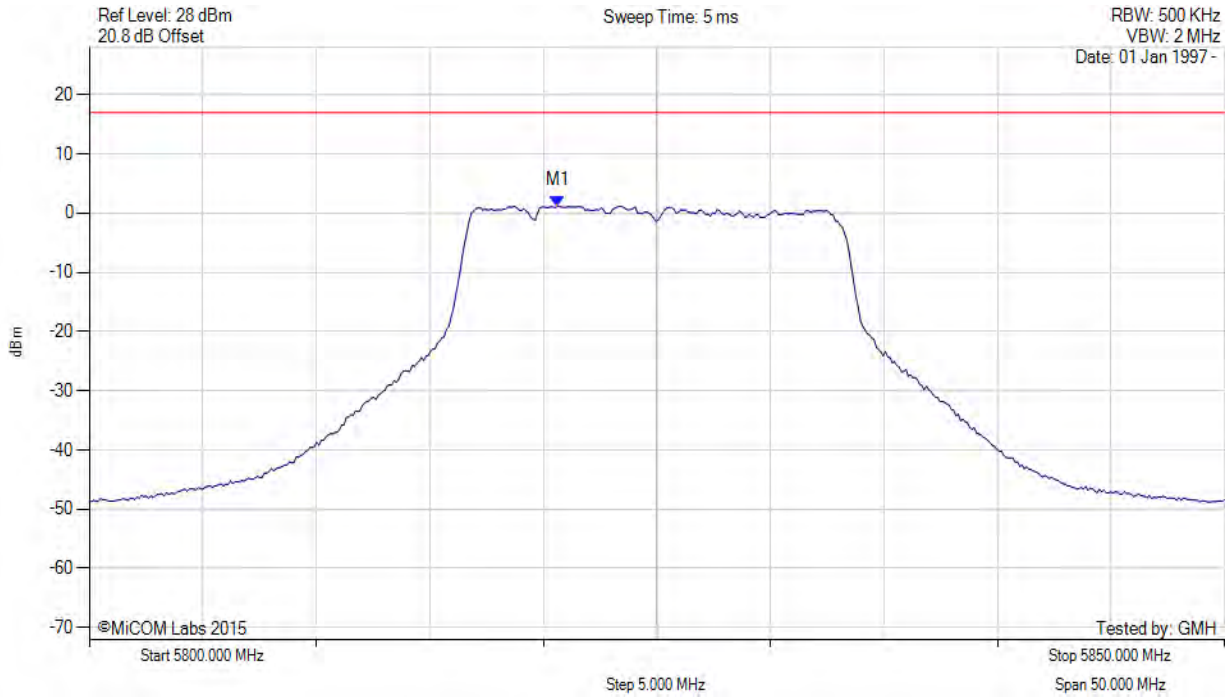
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5820.641 MHz : 1.224 dBm	Limit: ≤ 17.000 dBm

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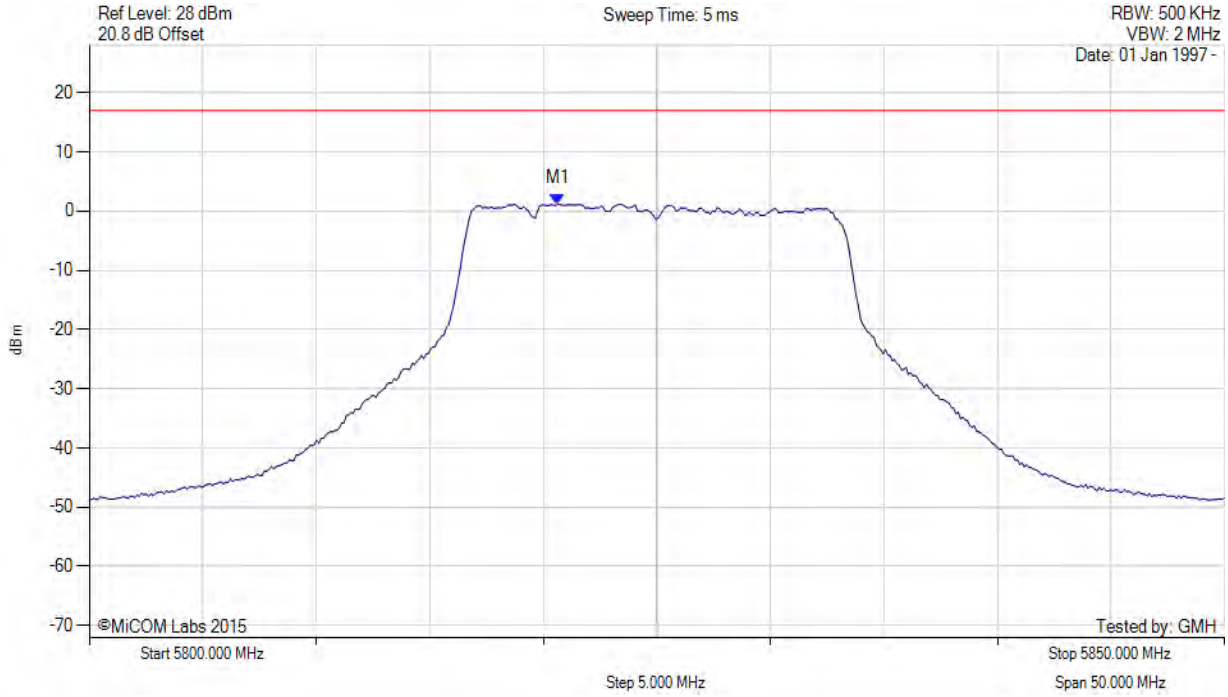
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5820.600 MHz : 1.224 dBm M1 + DCCF : 5820.600 MHz : 1.307 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 17.0 dBm Margin: -15.7 dB

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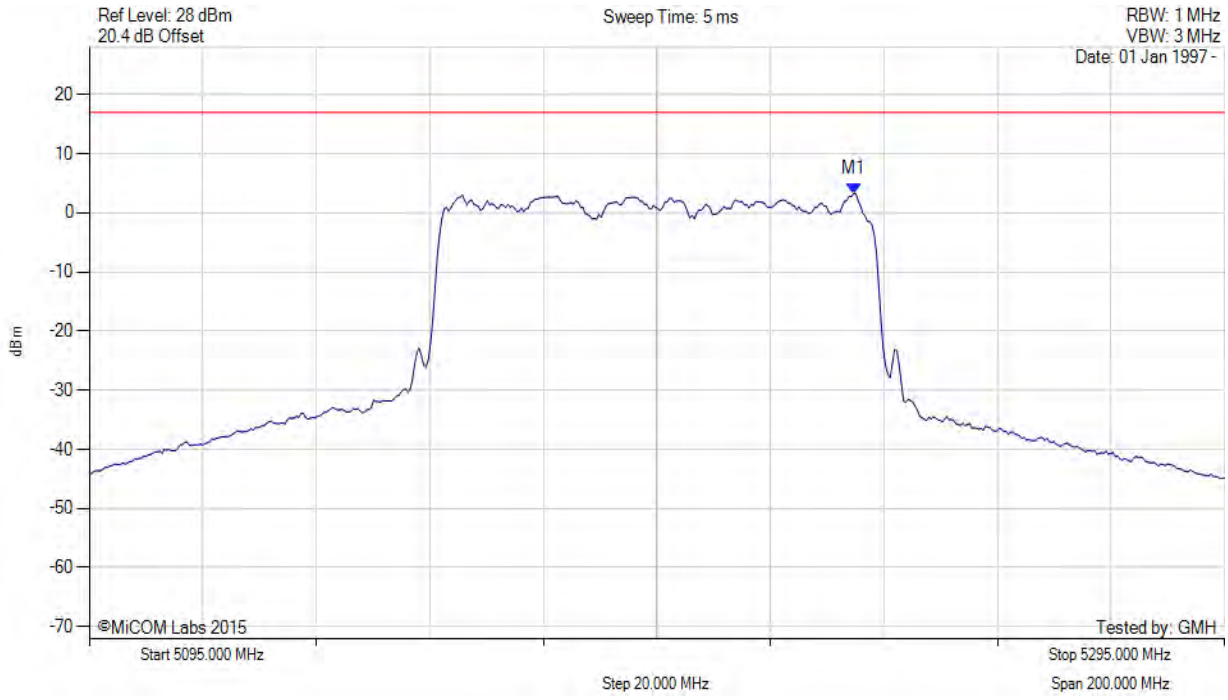
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5195.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



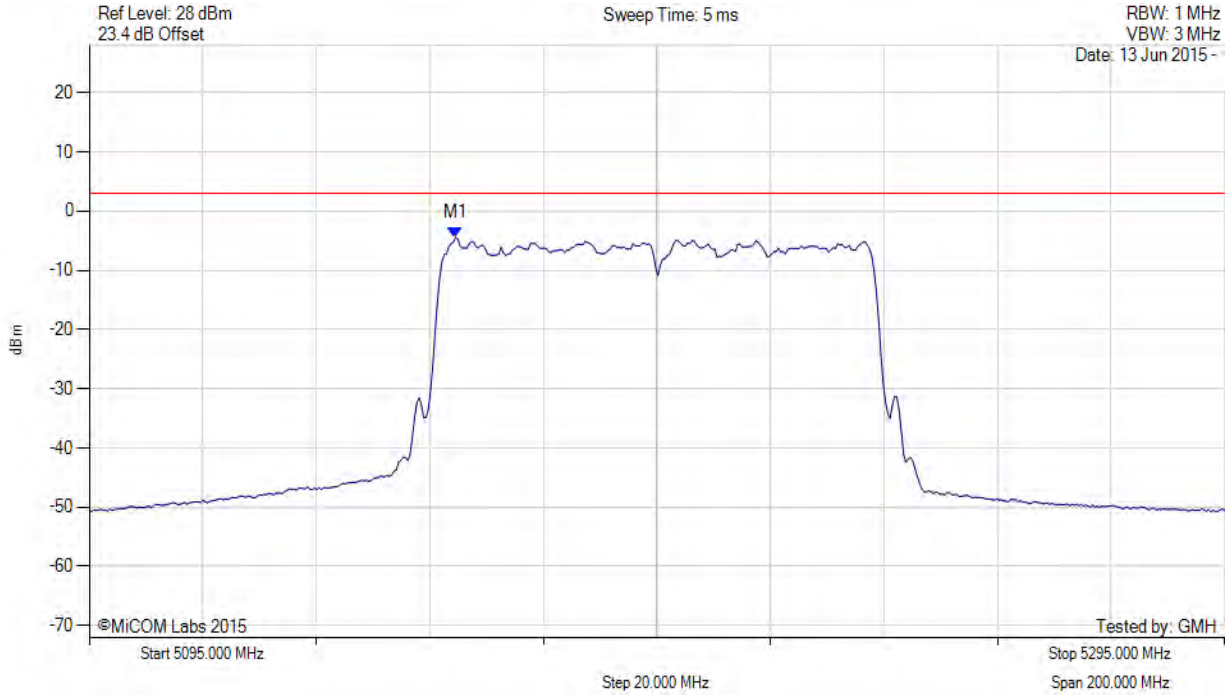
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.669 MHz : 3.258 dBm	Limit: ≤ 17.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5195.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5159.529 MHz : -4.458 dBm	Channel Frequency: 5195.00 MHz

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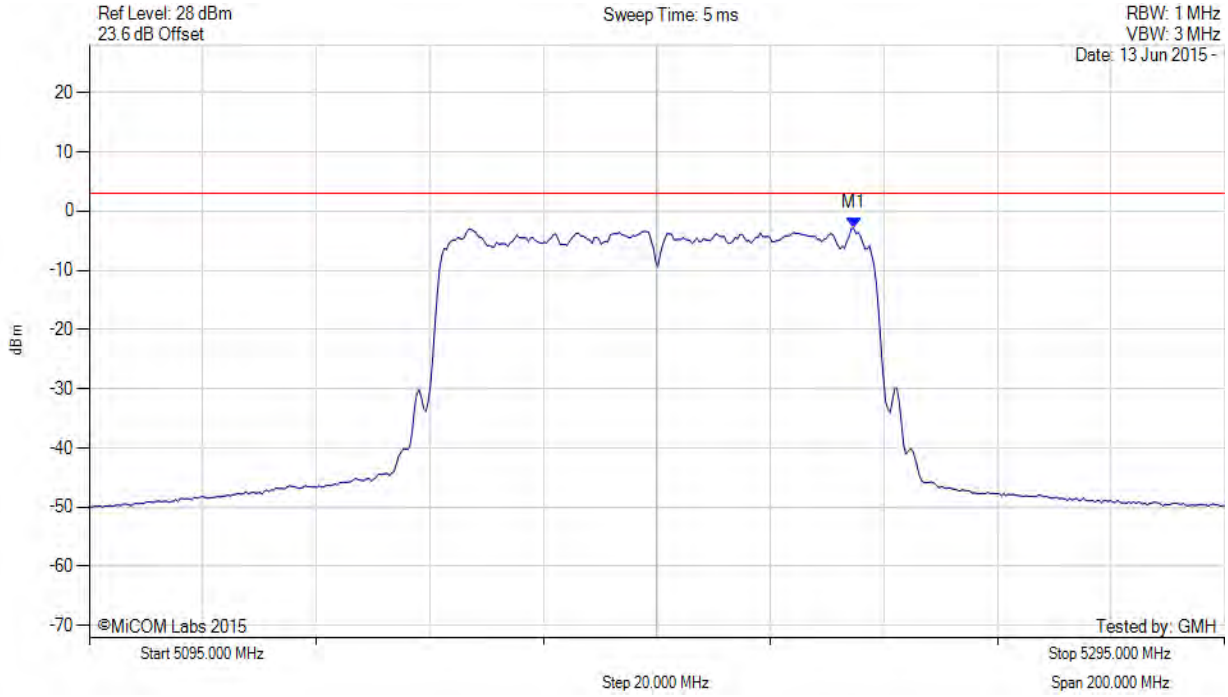
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5195.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.669 MHz : -2.849 dBm	Limit: ≤ 17.000 dBm

back to matrix

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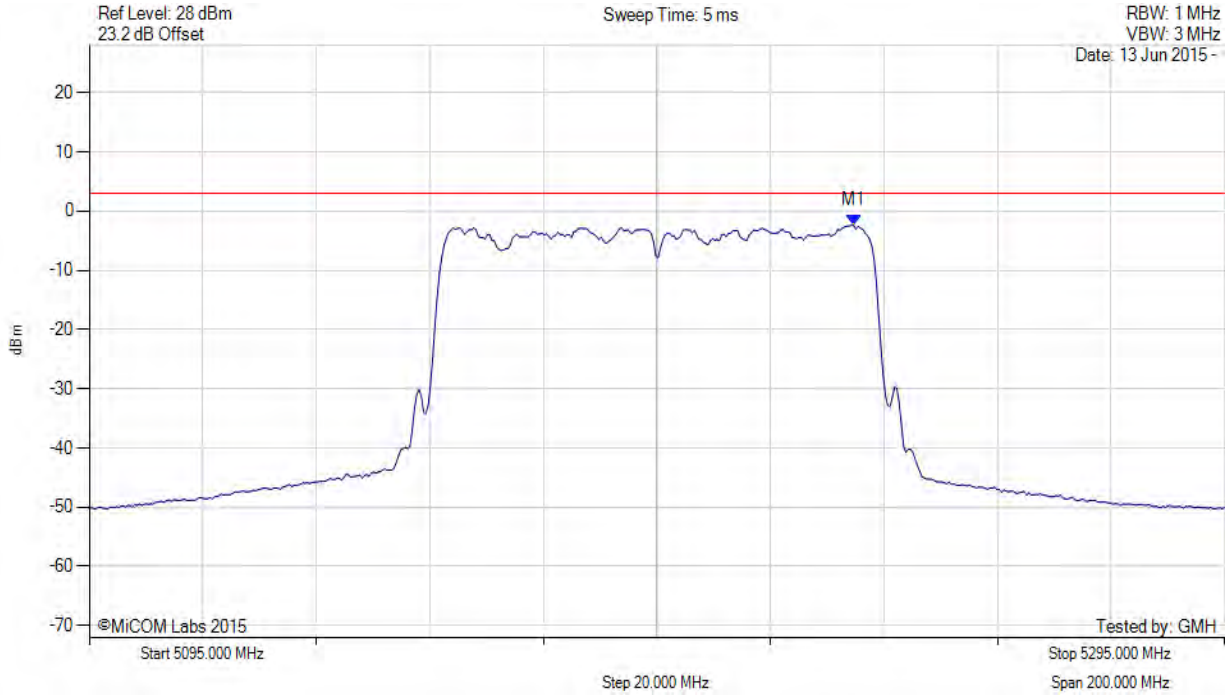
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5195.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.669 MHz : -2.398 dBm	Limit: ≤ 17.000 dBm

back to matrix

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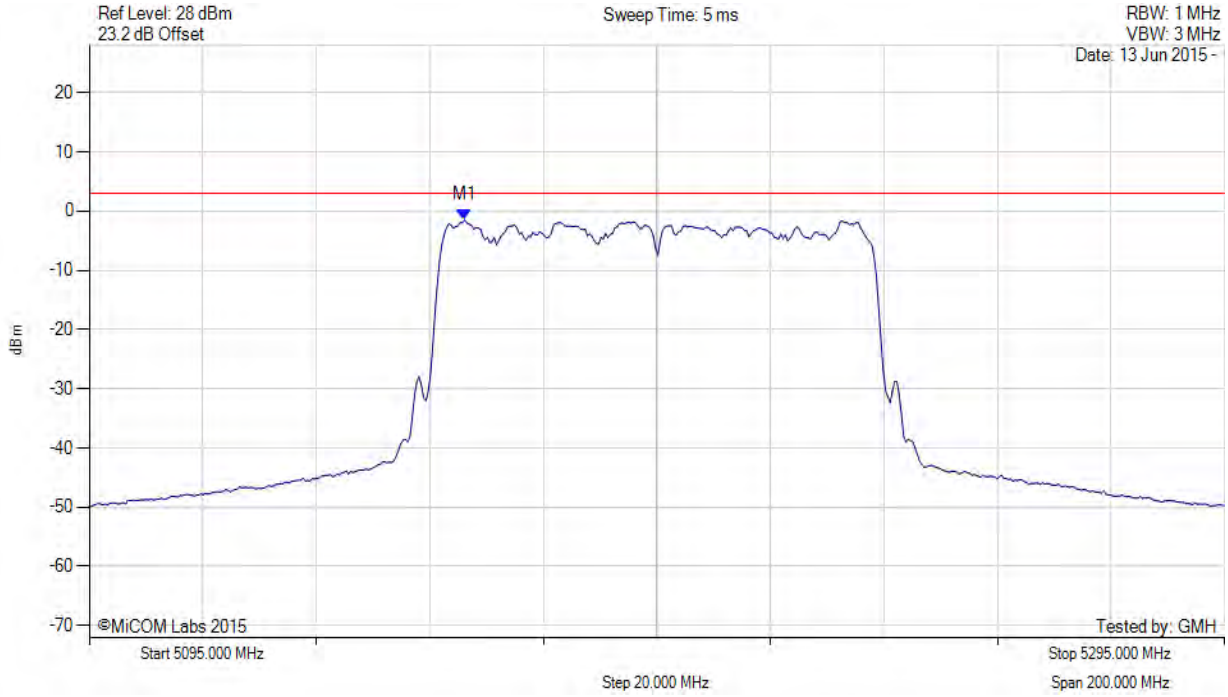
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5195.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5161.132 MHz : -1.504 dBm	Limit: ≤ 17.000 dBm

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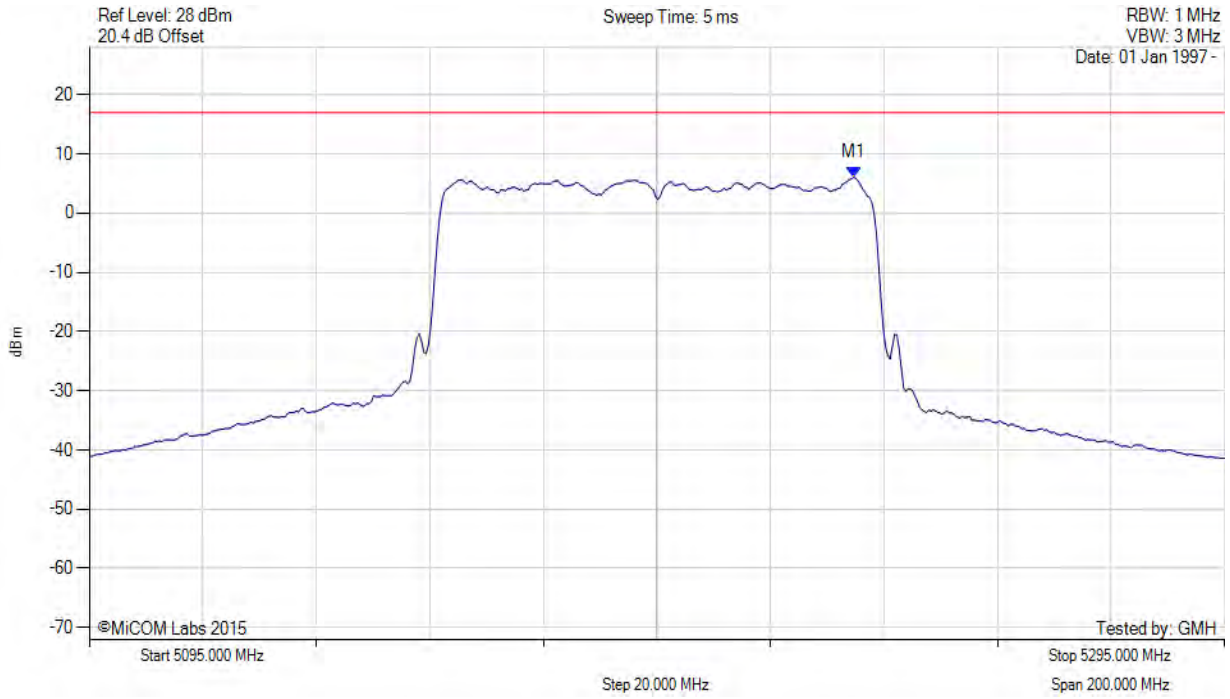
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5195.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.700 MHz : 6.047 dBm M1 + DCCF : 5229.700 MHz : 6.184 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 17.0 dBm Margin: -10.8 dB

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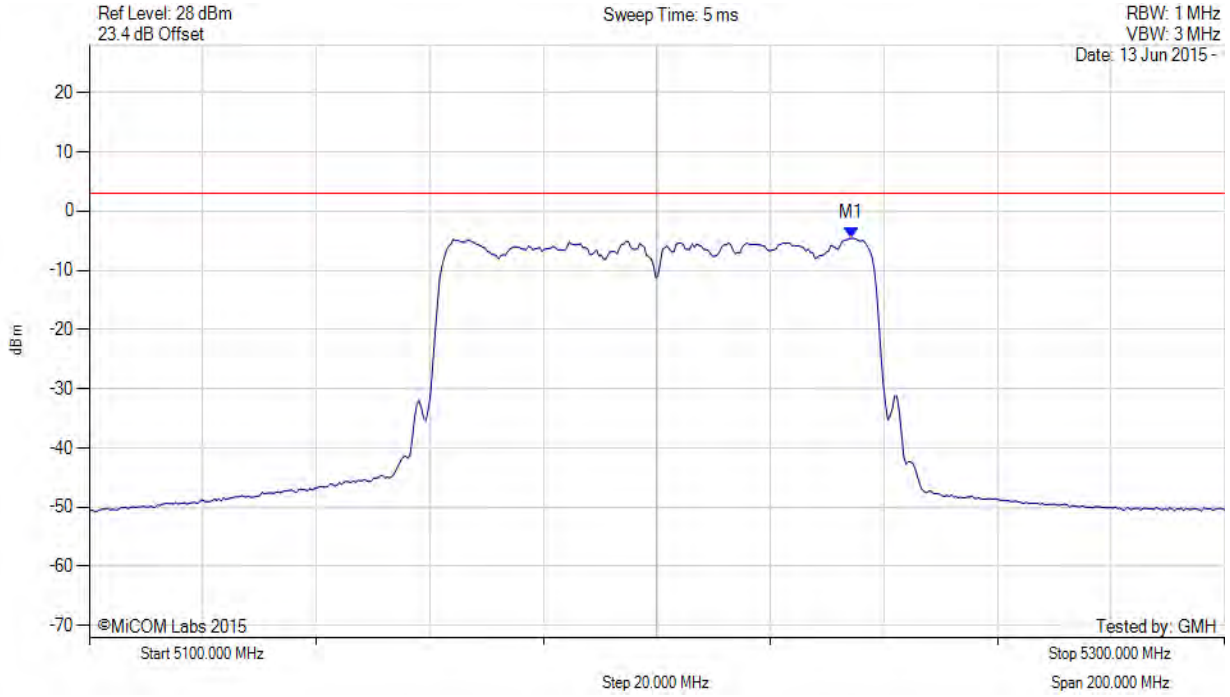
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5234.269 MHz : -4.602 dBm	Limit: ≤ 17.000 dBm

back to matrix

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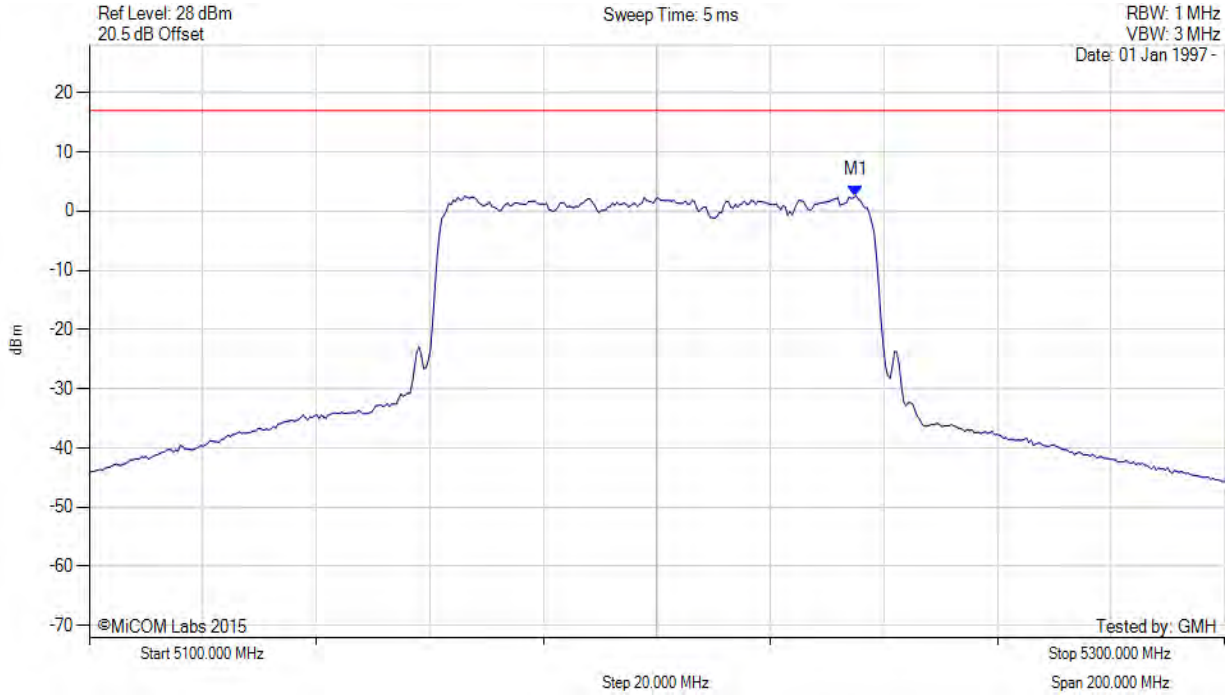
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5235.070 MHz : 2.610 dBm	Channel Frequency: 5200.00 MHz

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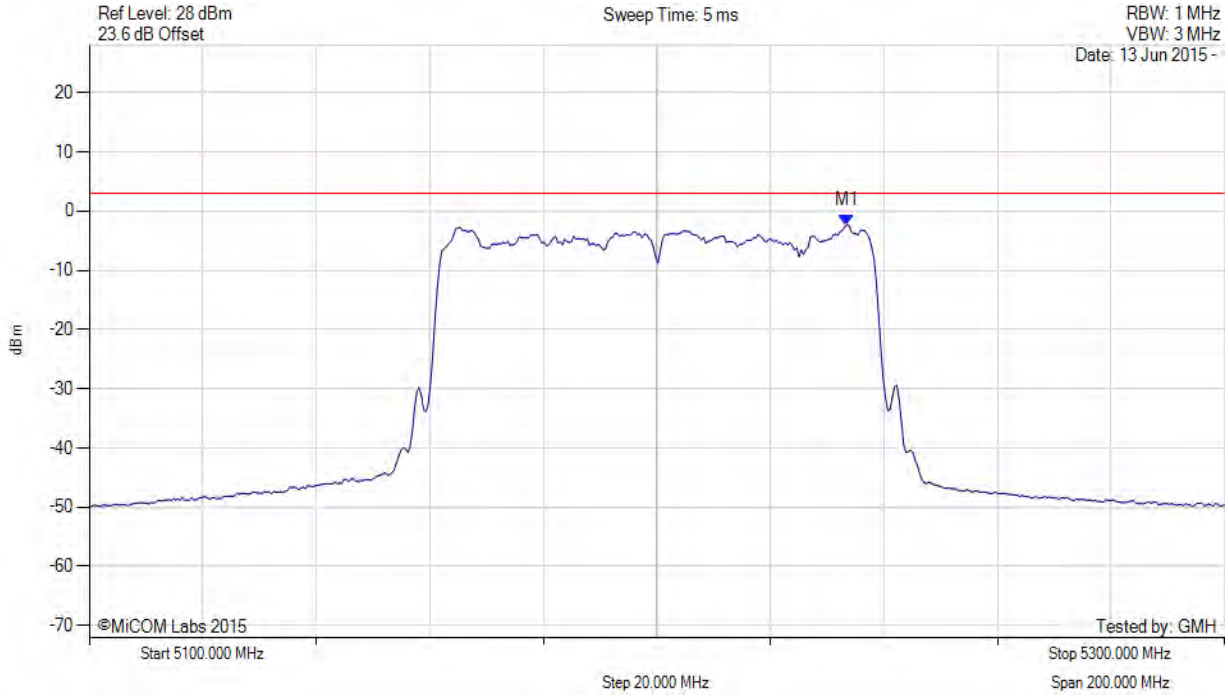
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5233.467 MHz : -2.401 dBm	Channel Frequency: 5200.00 MHz

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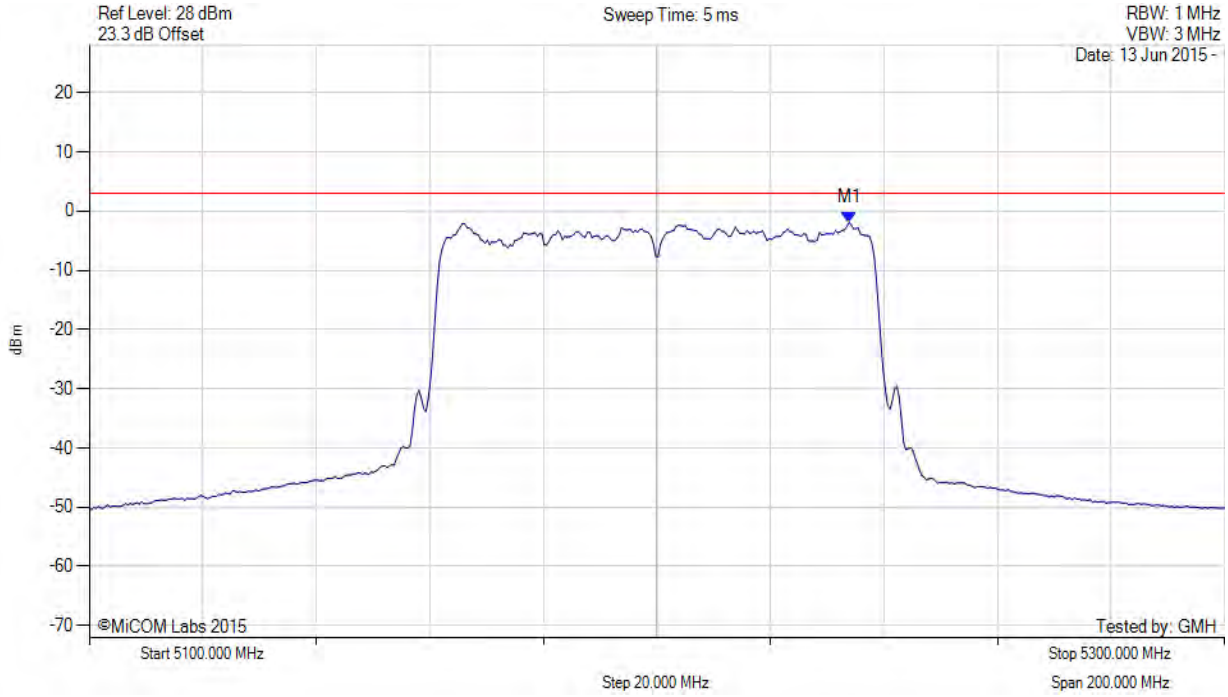
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5233.868 MHz : -1.923 dBm	Limit: ≤ 17.000 dBm

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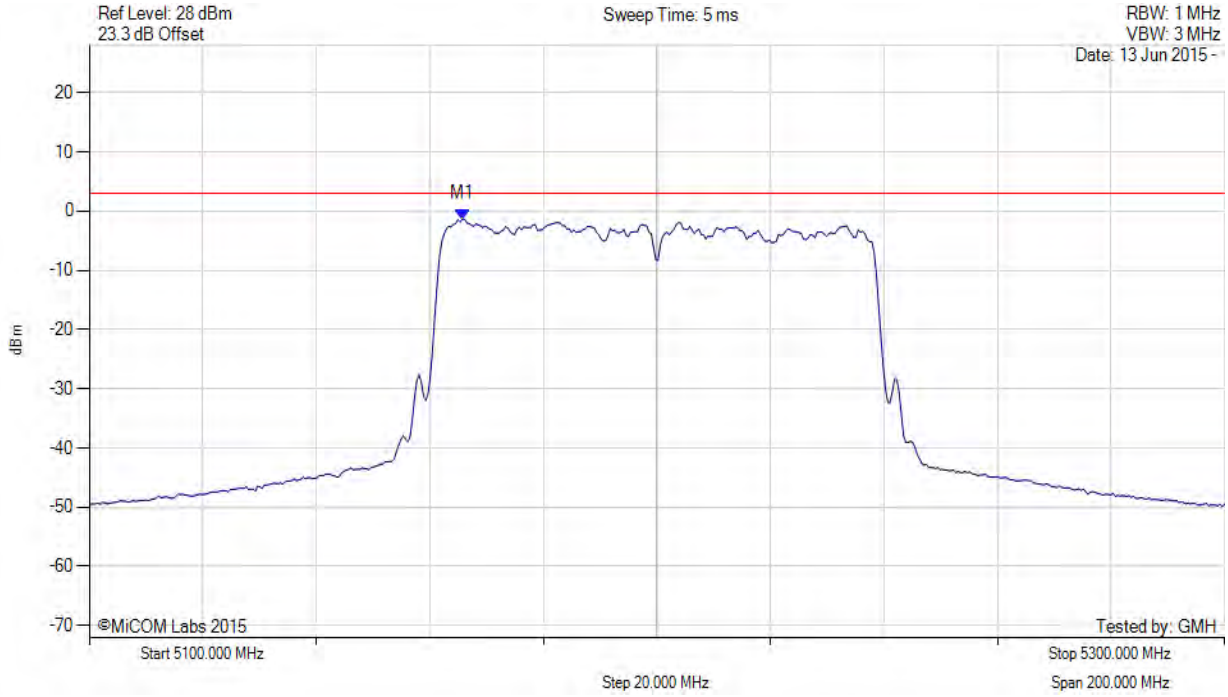
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5200.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5165.731 MHz : -1.356 dBm	Limit: ≤ 17.000 dBm

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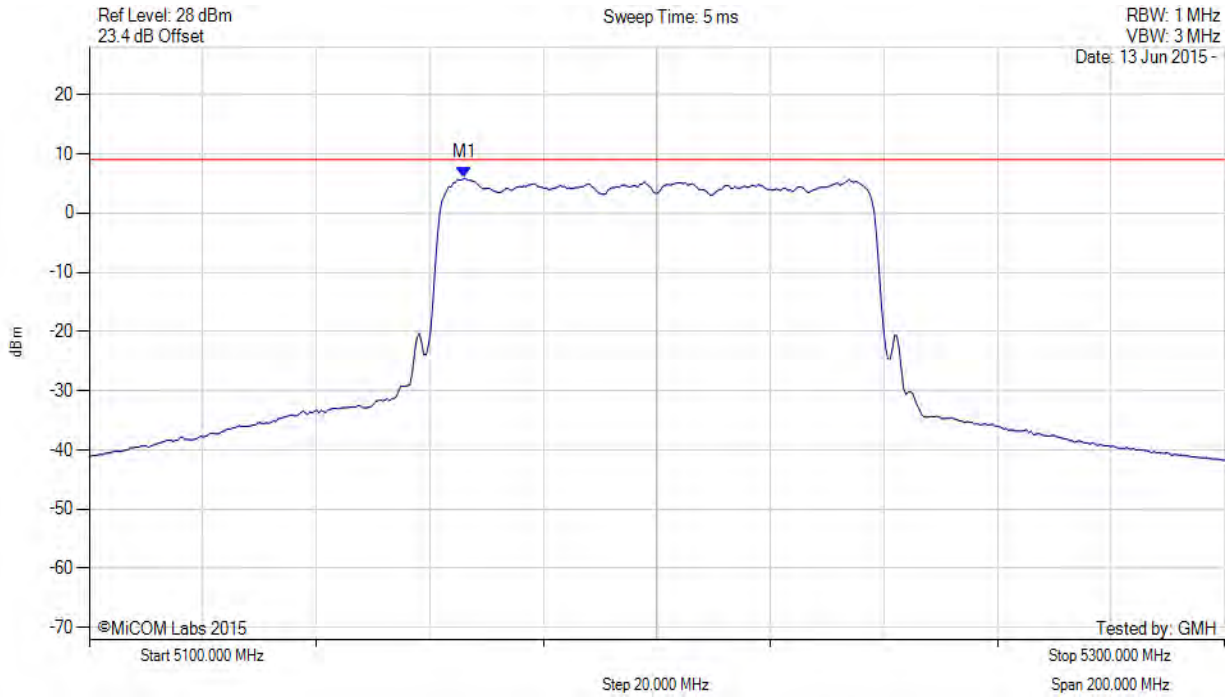
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5200.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5166.100 MHz : 5.905 dBm M1 + DCCF : 5166.100 MHz : 6.042 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 9.0 dBm Margin: -3.0 dB

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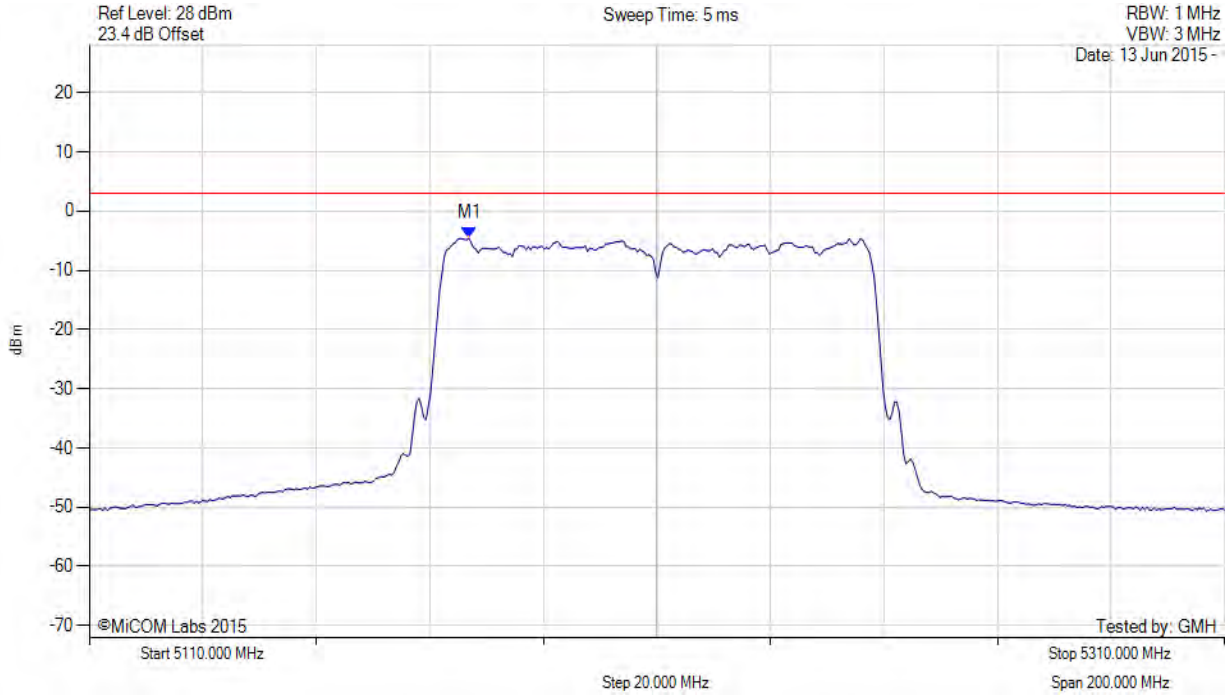
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5176.934 MHz : -4.577 dBm	Limit: ≤ 17.000 dBm

back to matrix

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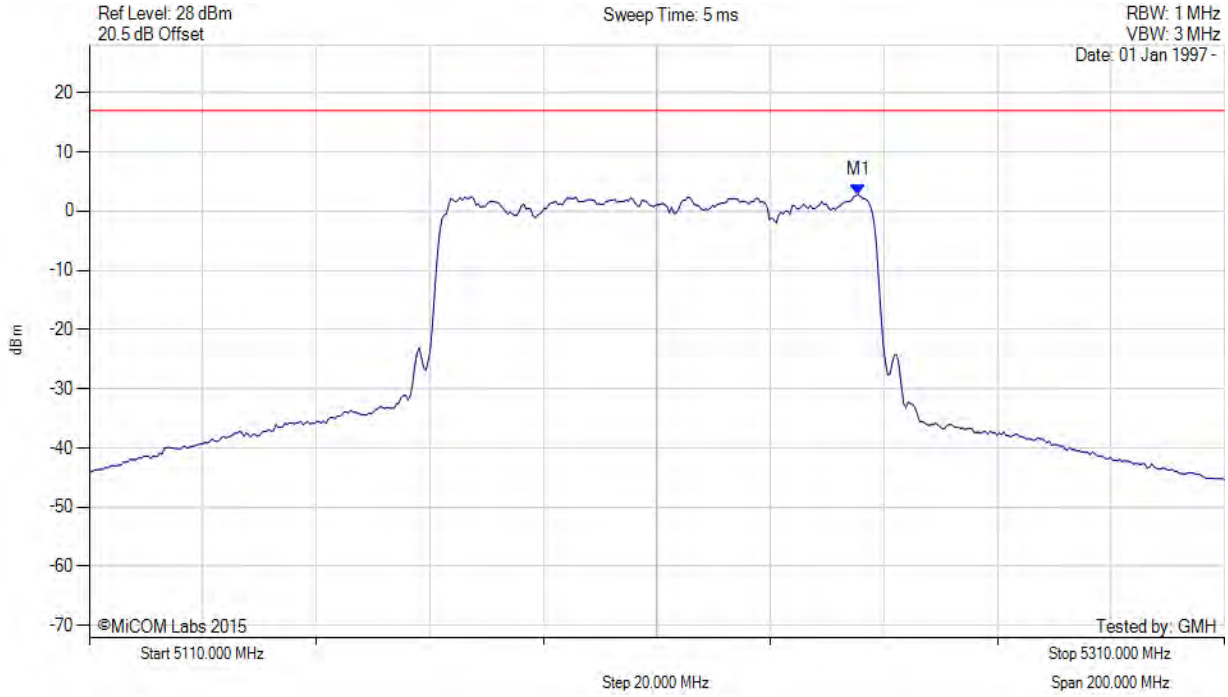
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5245.471 MHz : 2.747 dBm	Channel Frequency: 5210.00 MHz

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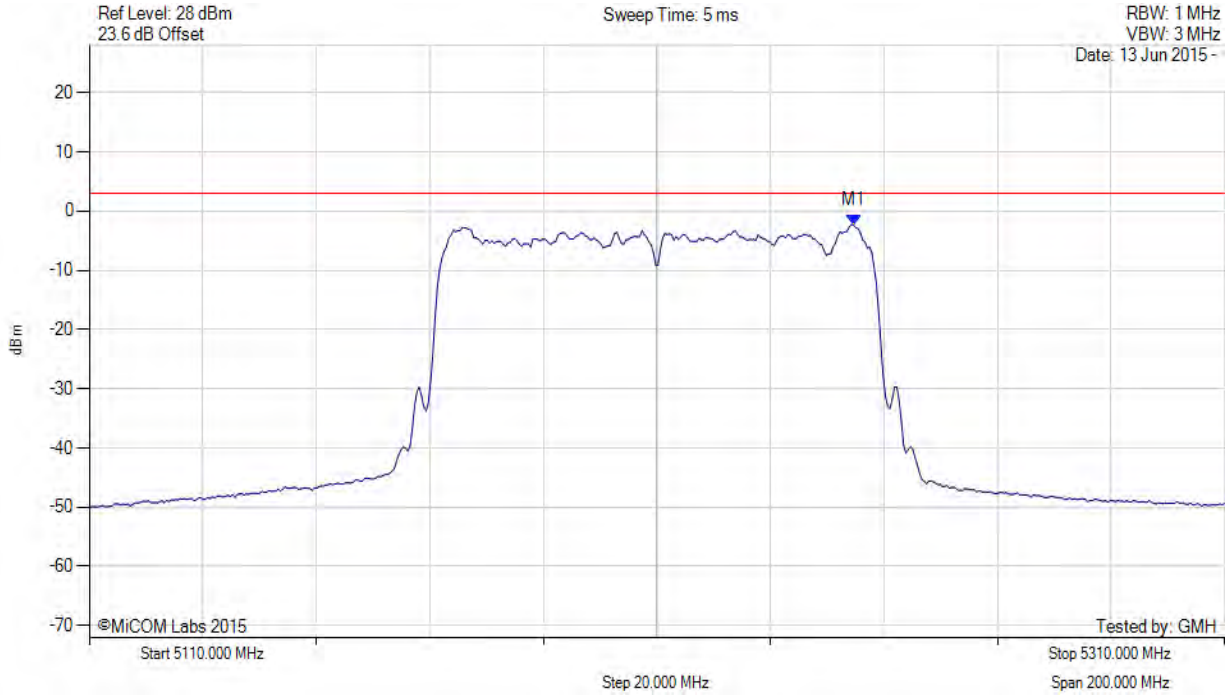
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5244.669 MHz : -2.321 dBm	Limit: ≤ 17.000 dBm

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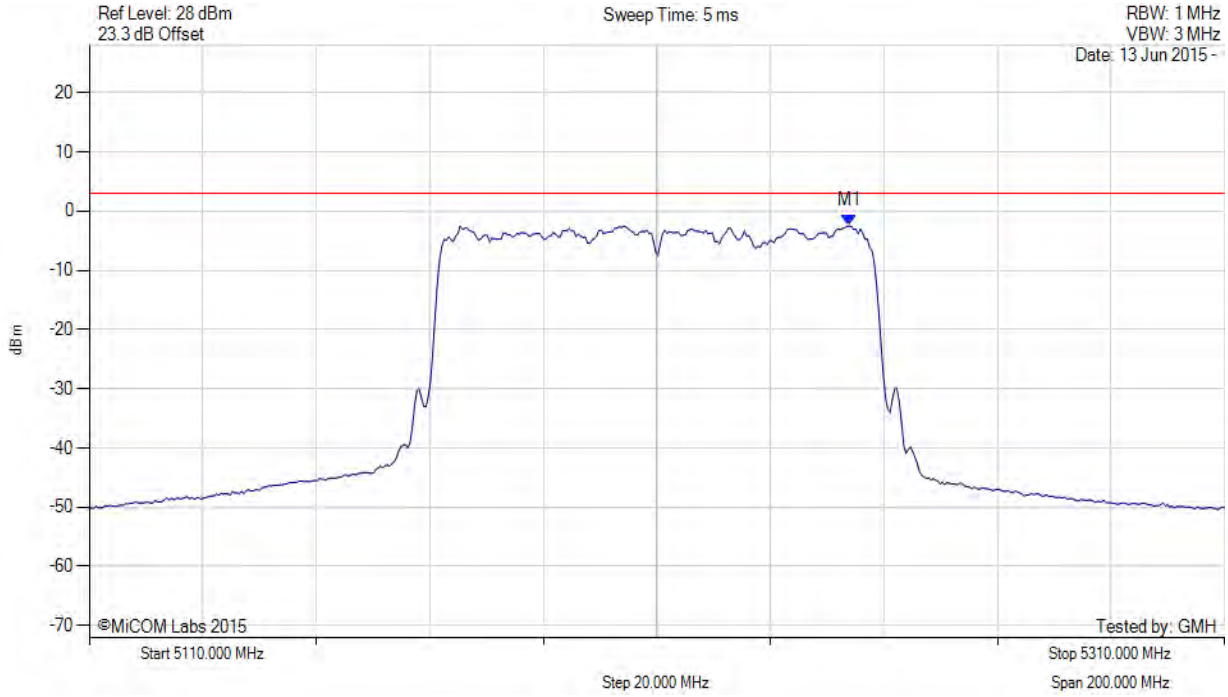
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5243.868 MHz : -2.501 dBm	Limit: ≤ 17.000 dBm

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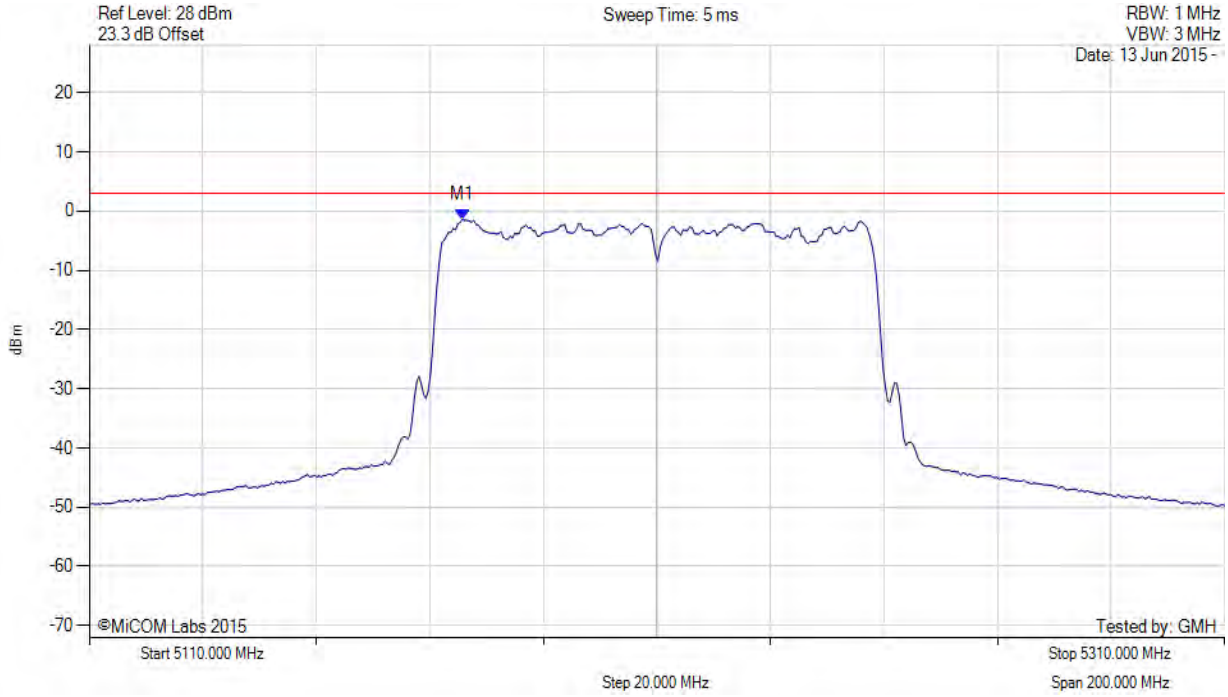
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5175.731 MHz : -1.432 dBm	Limit: ≤ 17.000 dBm

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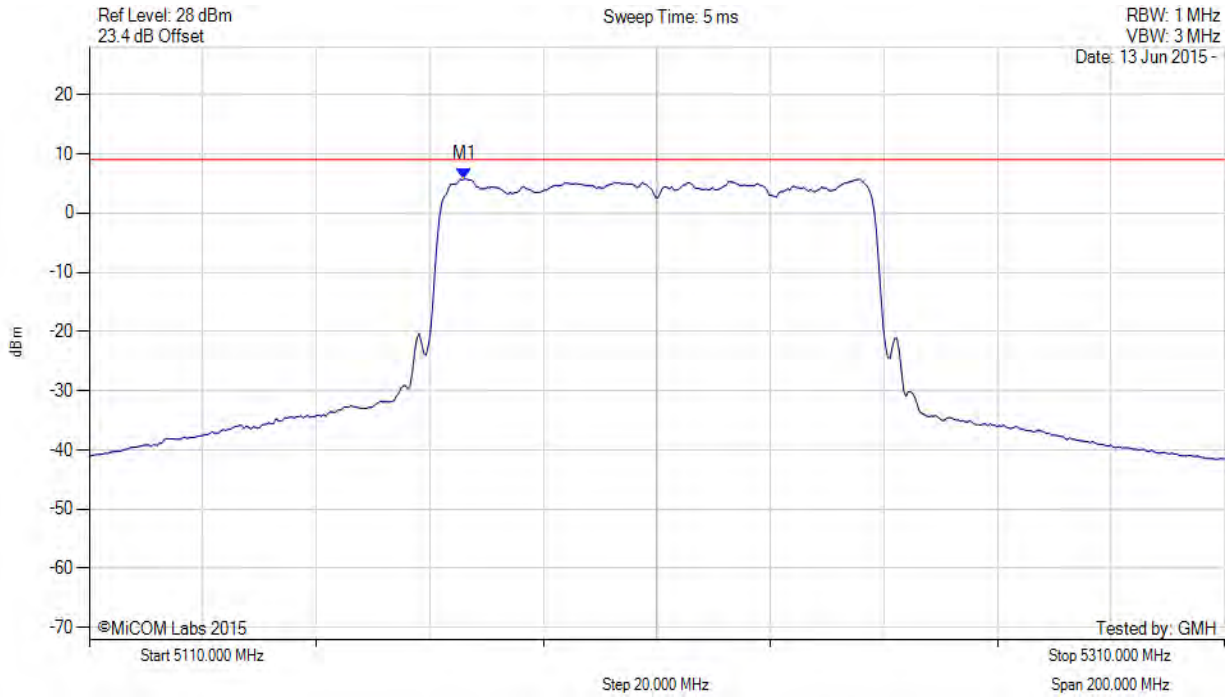
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5176.100 MHz : 5.771 dBm M1 + DCCF : 5176.100 MHz : 5.908 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 9.0 dBm Margin: -3.1 dB

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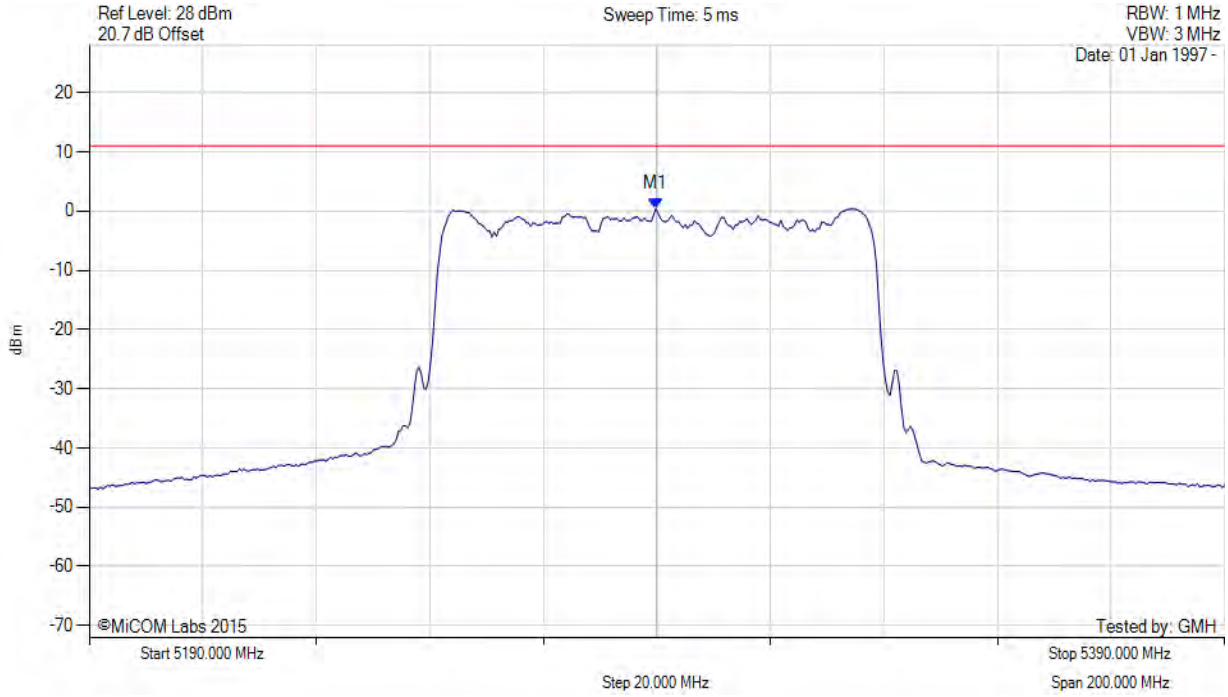
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5289.800 MHz : 0.399 dBm	Limit: ≤ 11.000 dBm

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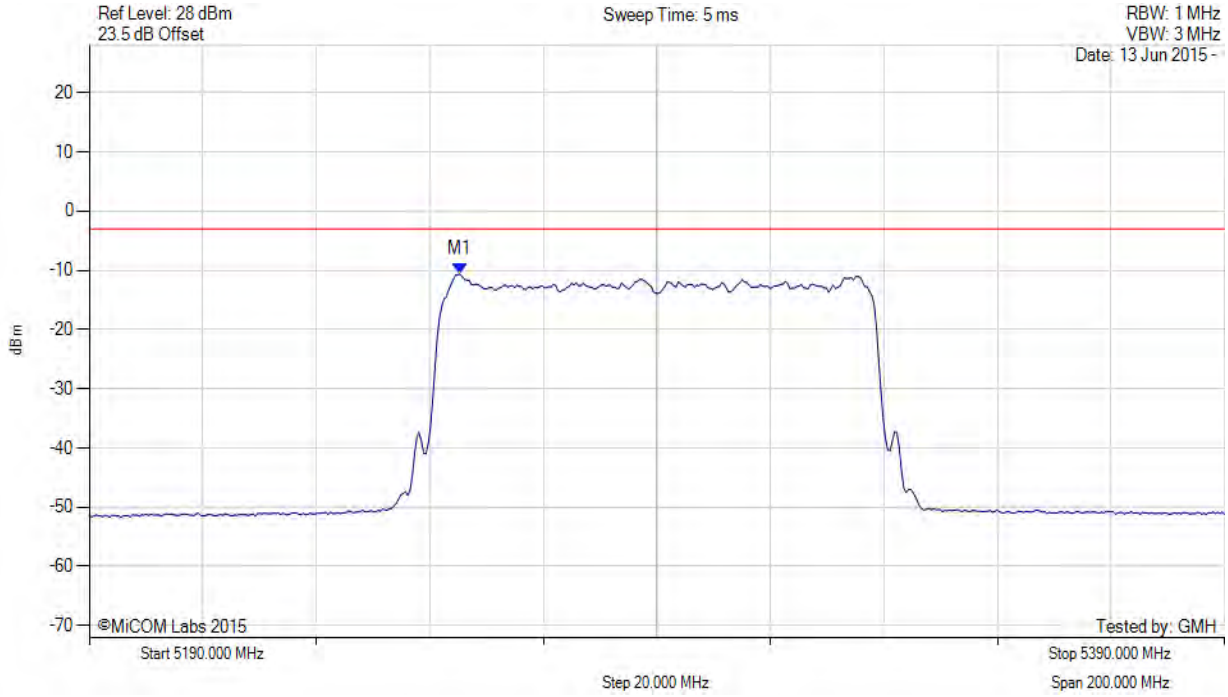
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5255.331 MHz : -10.656 dBm	Channel Frequency: 5290.00 MHz

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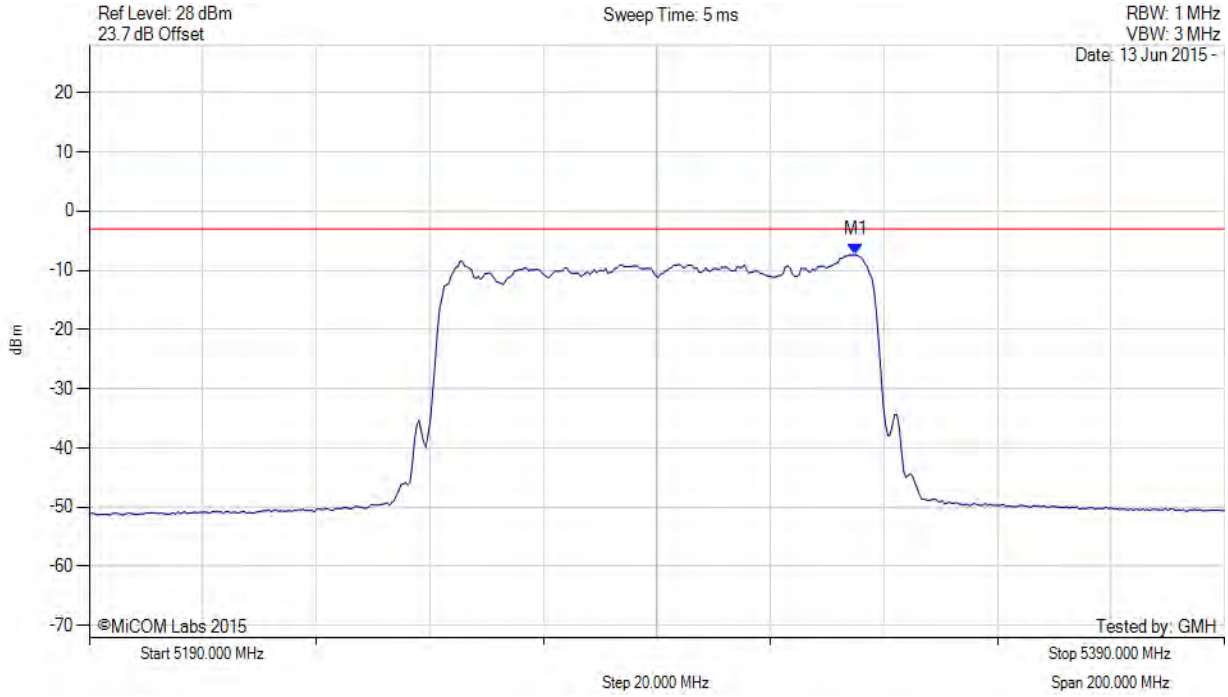
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5325.070 MHz : -7.379 dBm	Limit: ≤ 11.000 dBm

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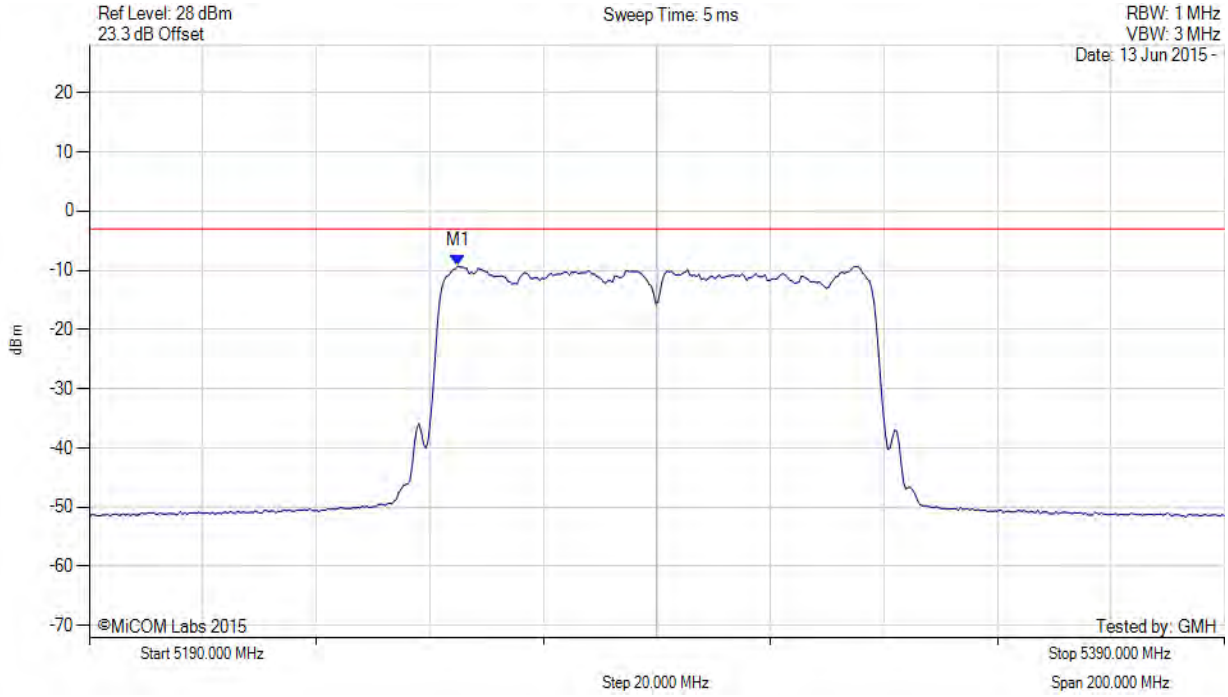
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5254.930 MHz : -9.283 dBm	Limit: ≤ 11.000 dBm

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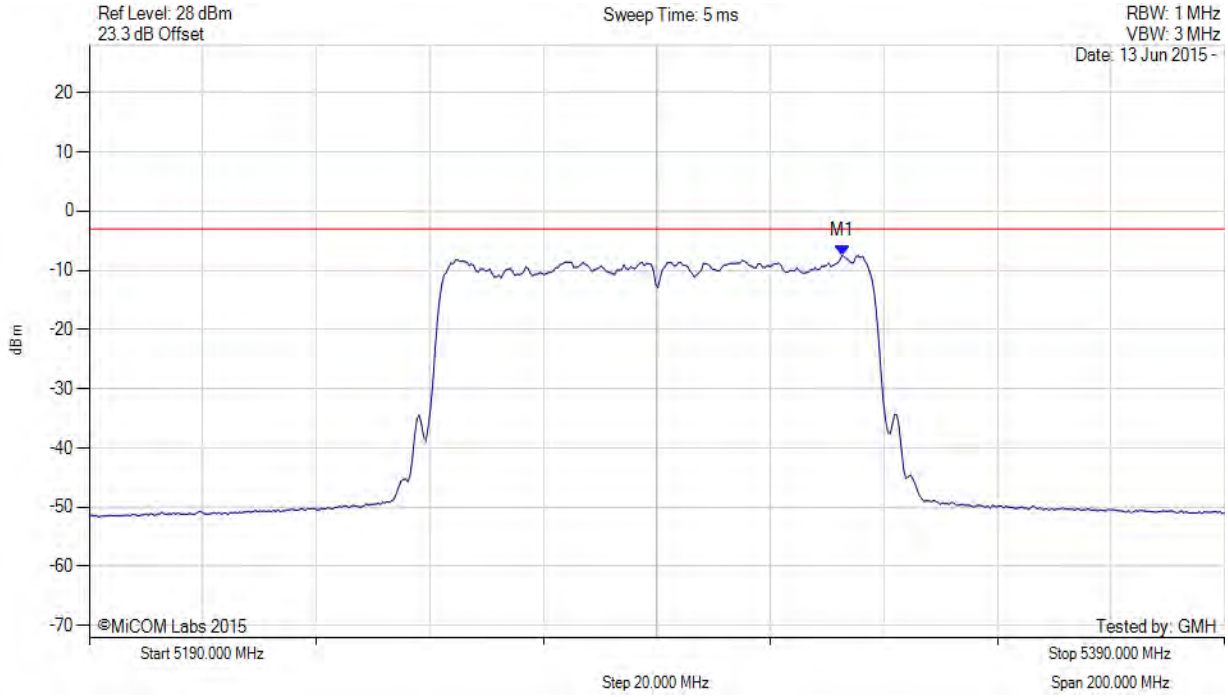
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5322.665 MHz : -7.470 dBm	Limit: ≤ 11.000 dBm

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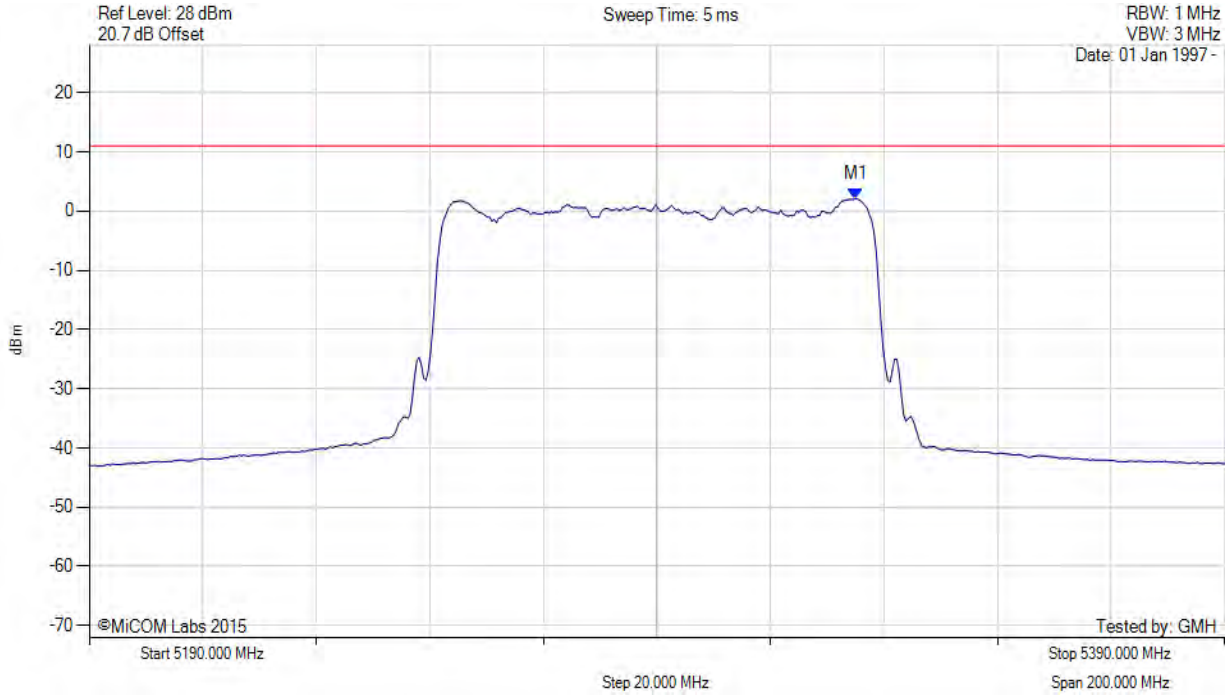
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5325.100 MHz : 2.118 dBm M1 + DCCF : 5325.100 MHz : 2.255 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 11.0 dBm Margin: -8.7 dB

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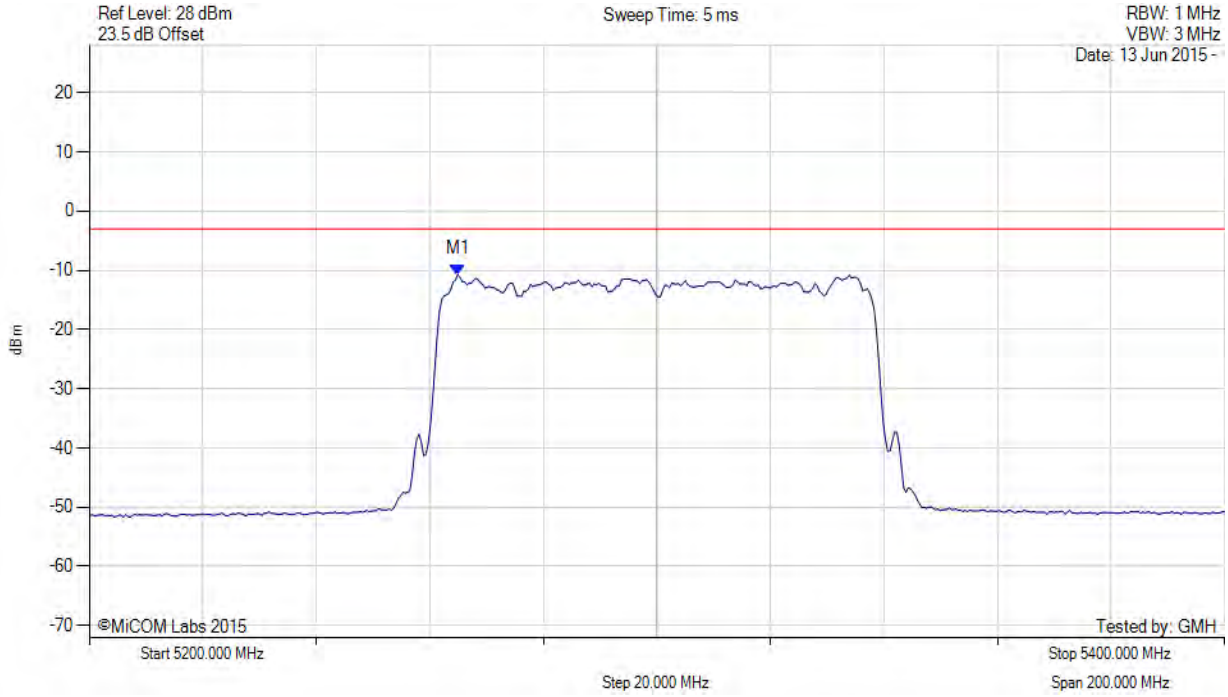
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5264.930 MHz : -10.720 dBm	Limit: ≤ 11.000 dBm

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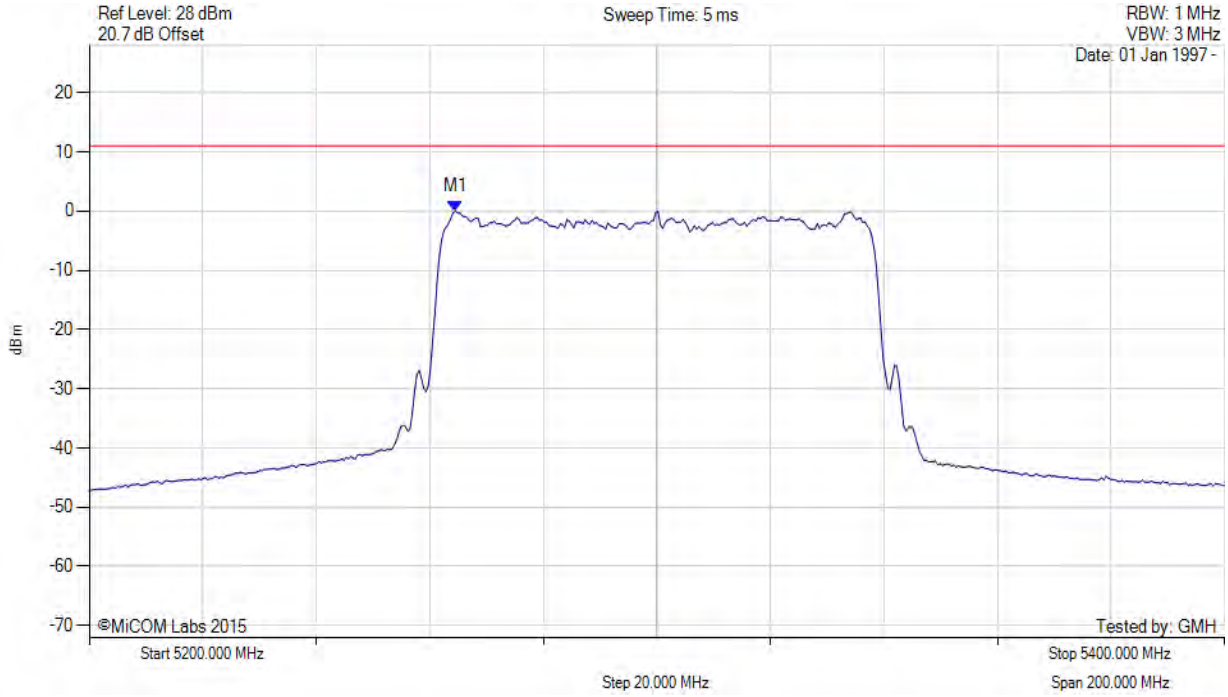
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5264.529 MHz : -0.006 dBm	Channel Frequency: 5300.00 MHz

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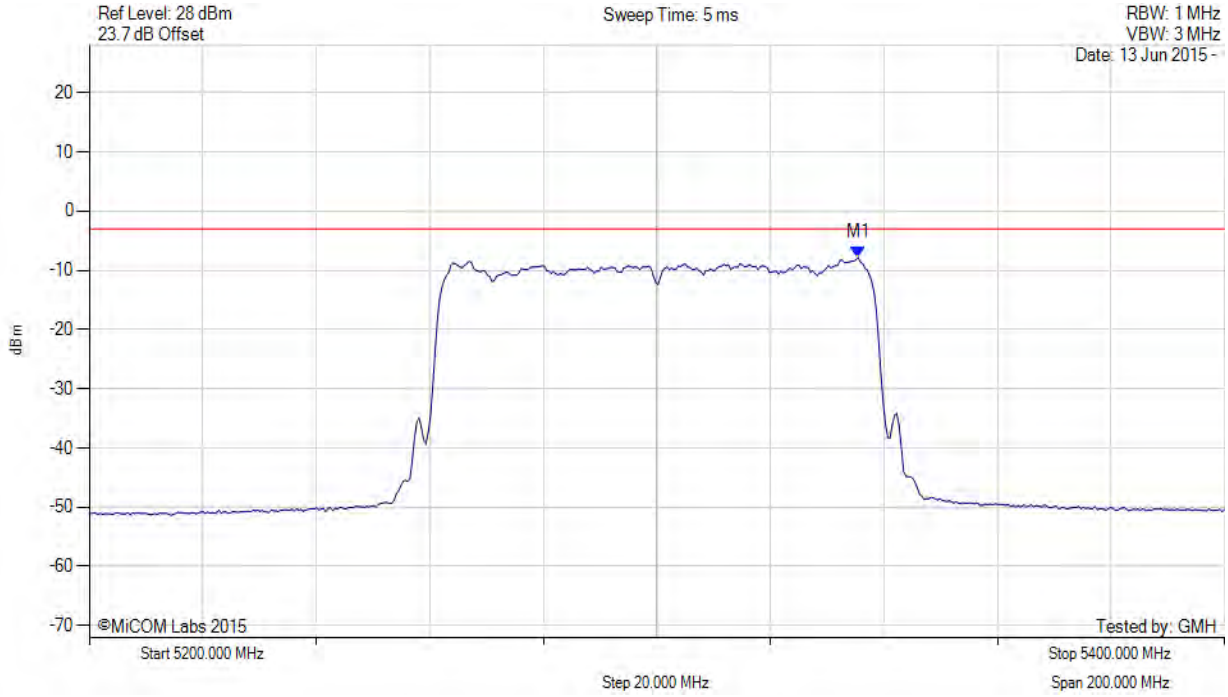
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5335.471 MHz : -7.857 dBm	Channel Frequency: 5300.00 MHz

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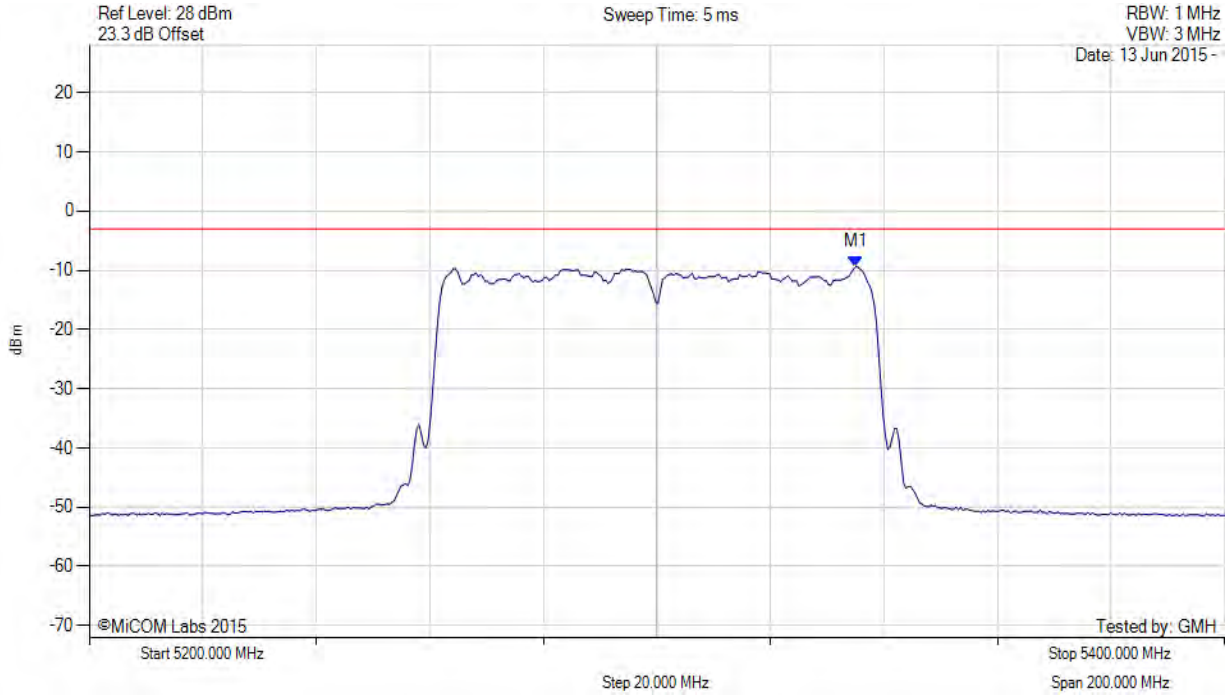
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5300.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5335.070 MHz : -9.363 dBm	Limit: ≤ 11.000 dBm

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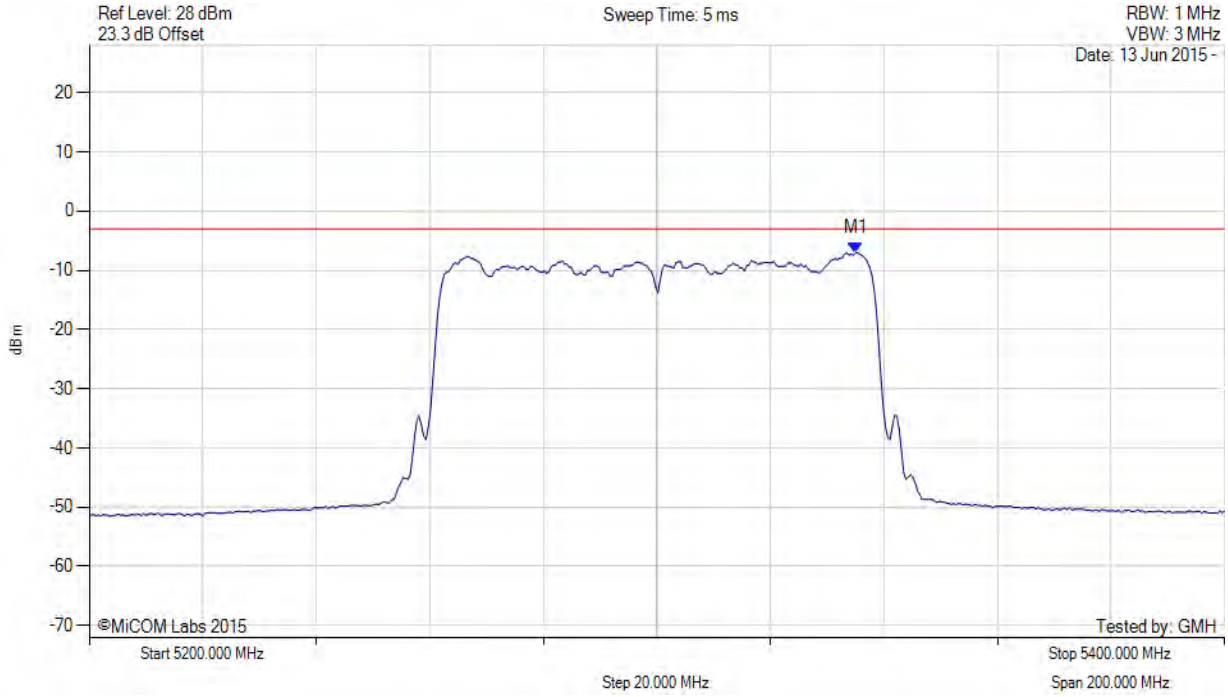
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5300.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5335.070 MHz : -7.012 dBm	Limit: ≤ 11.000 dBm

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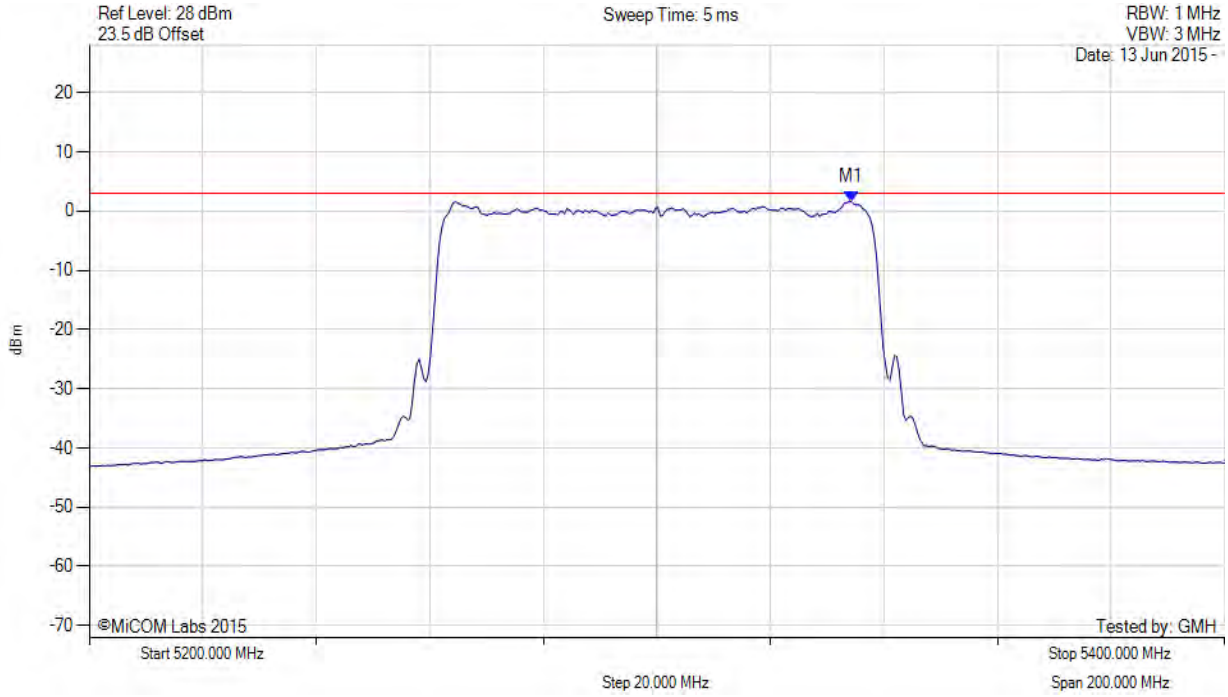
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5300.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5334.300 MHz : 1.614 dBm M1 + DCCF : 5334.300 MHz : 1.751 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 3.0 dBm Margin: -1.3 dB

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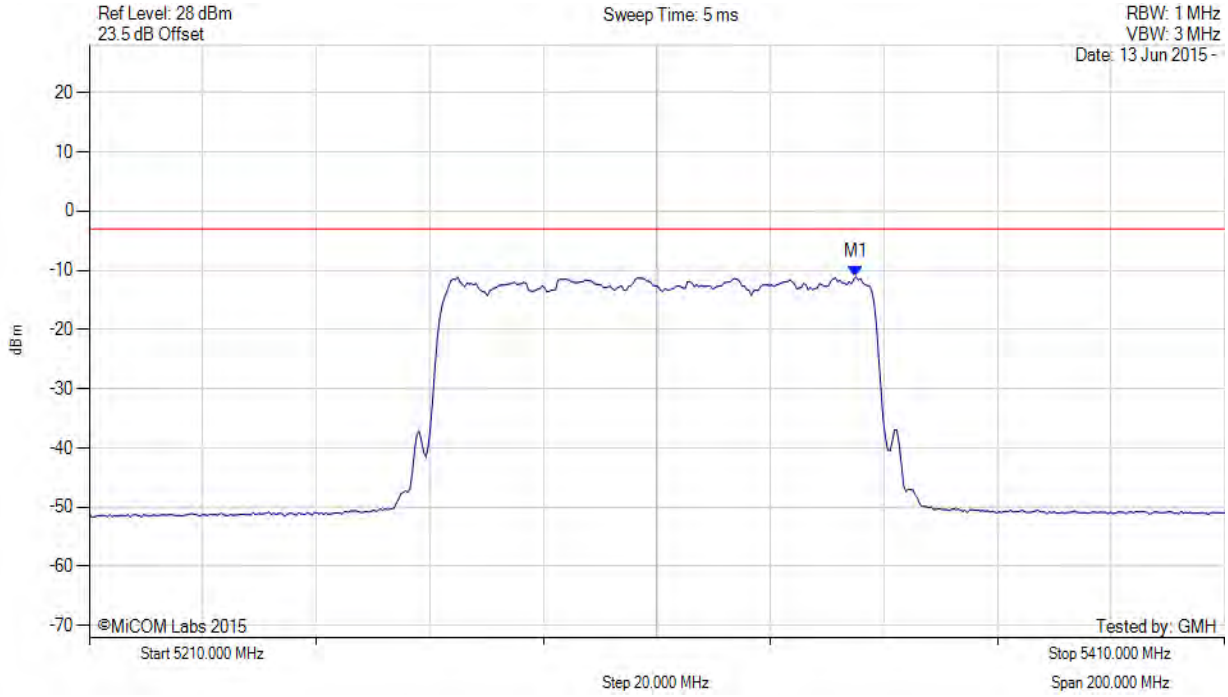
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5345.070 MHz : -11.093 dBm	Limit: ≤ 11.000 dBm

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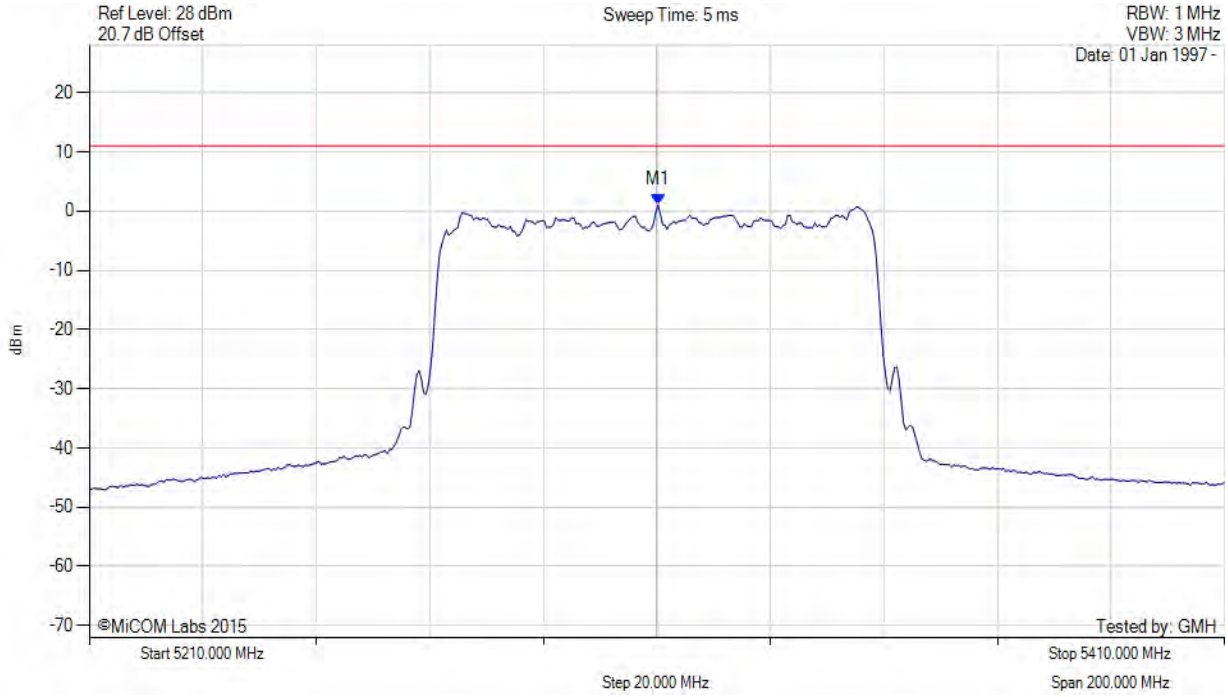
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5310.200 MHz : 1.059 dBm	Channel Frequency: 5310.00 MHz

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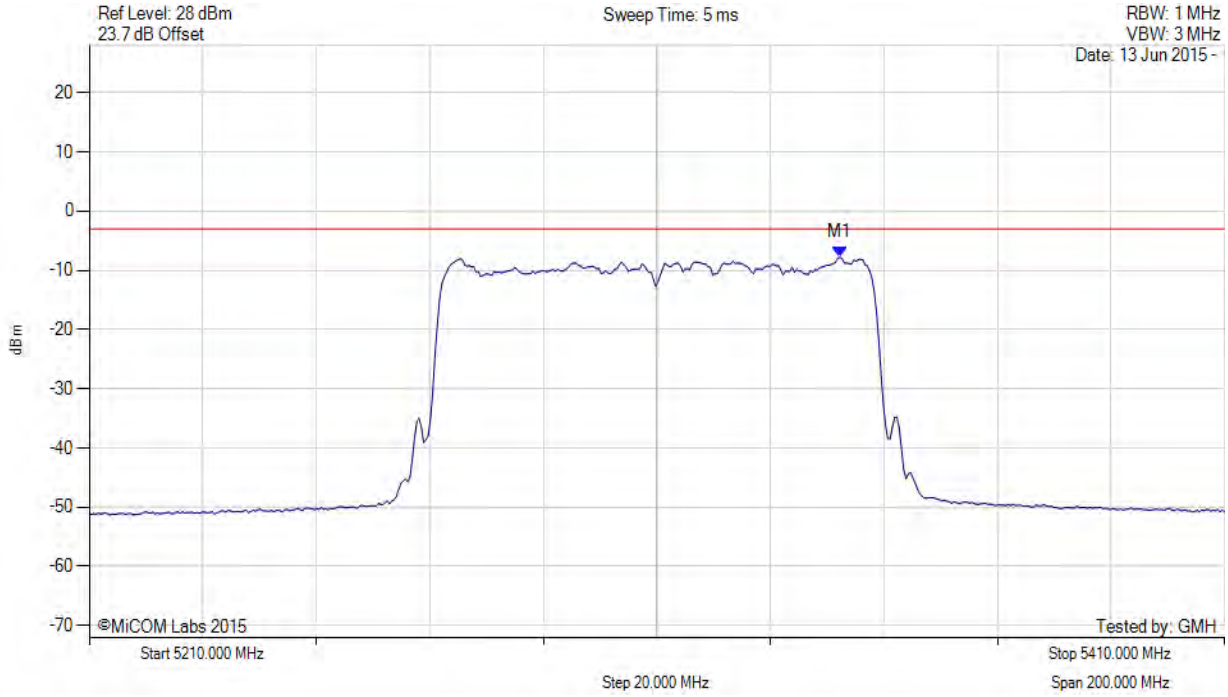
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5310.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5342.265 MHz : -7.797 dBm	Limit: ≤ 11.000 dBm

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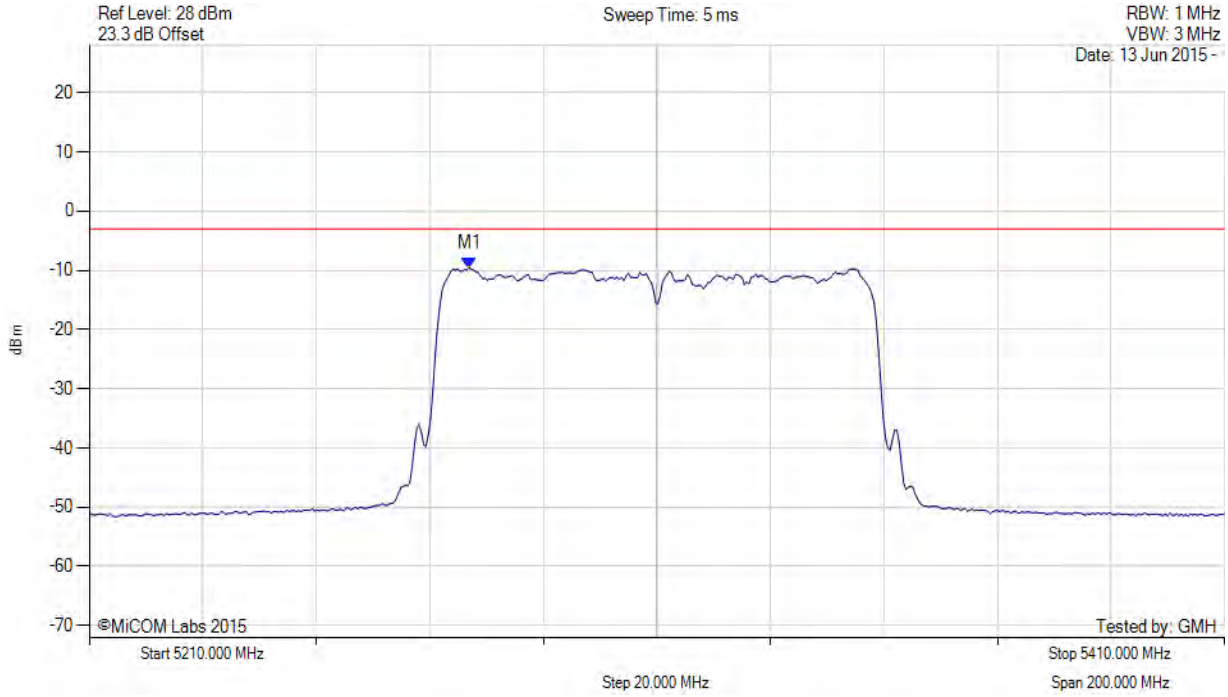
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5310.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5276.934 MHz : -9.591 dBm	Limit: ≤ 11.000 dBm

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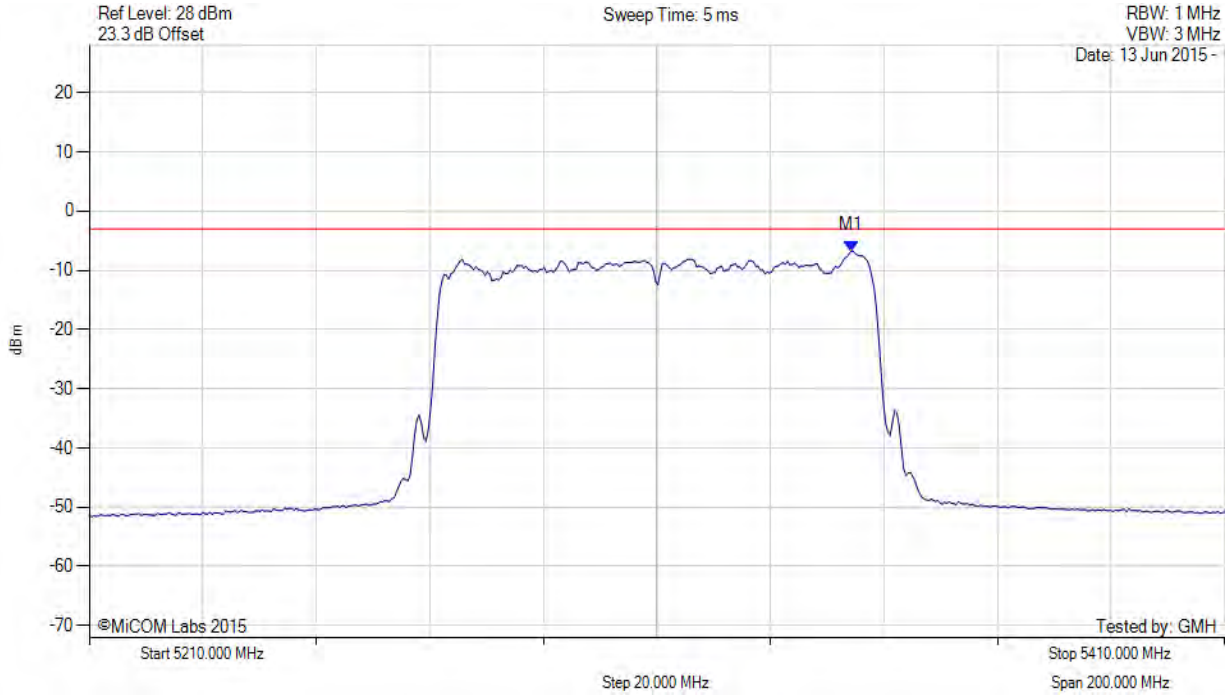
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5310.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5344.269 MHz : -6.748 dBm	Limit: ≤ 11.000 dBm

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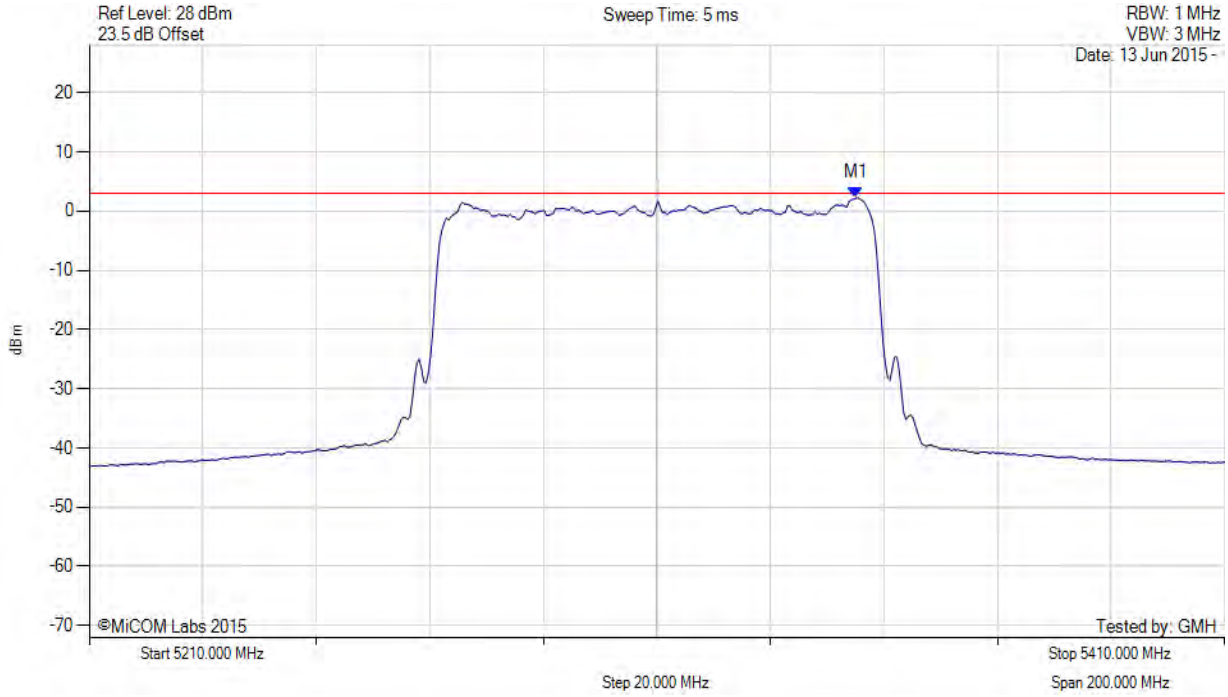
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5310.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5345.100 MHz : 2.229 dBm M1 + DCCF : 5345.100 MHz : 2.366 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 3.0 dBm Margin: -0.7 dB

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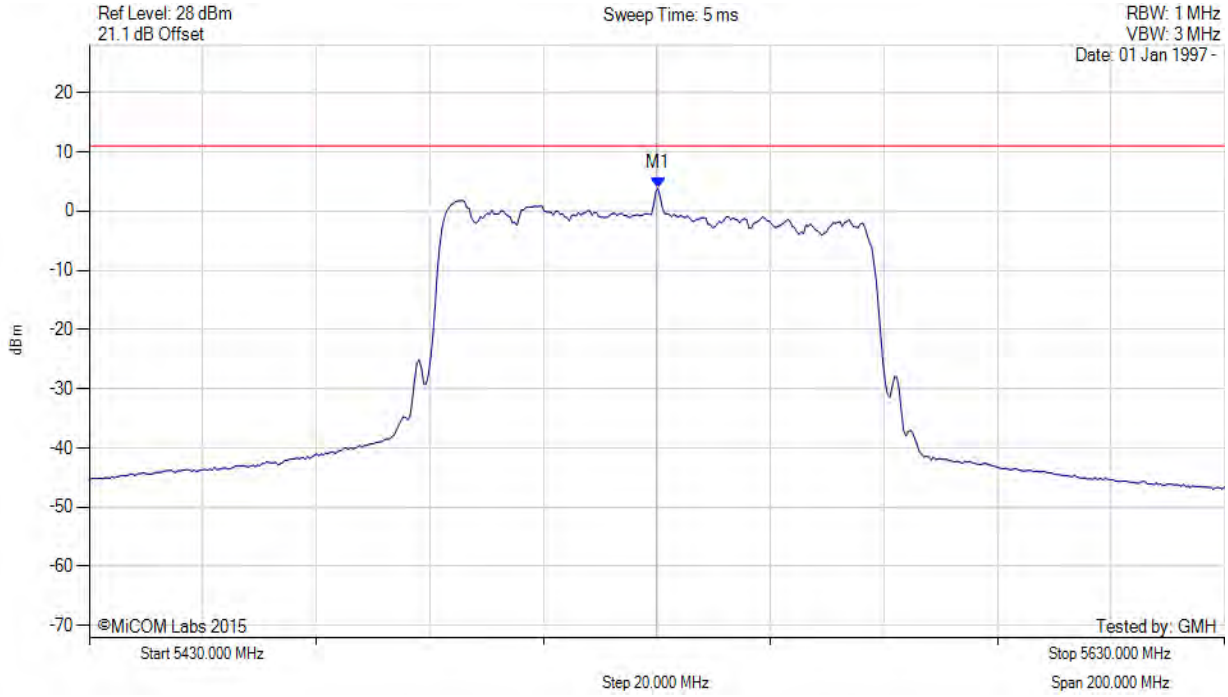
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5530.200 MHz : 3.848 dBm	Limit: ≤ 11.000 dBm

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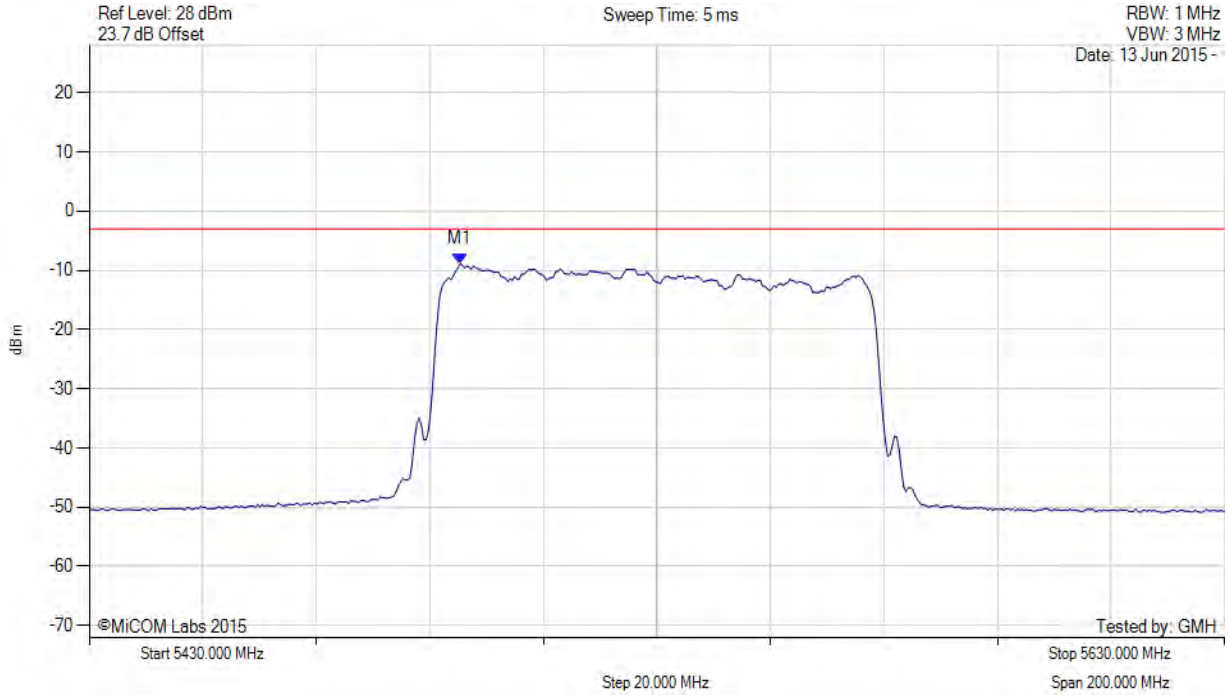
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5495.331 MHz : -8.916 dBm	Channel Frequency: 5530.00 MHz

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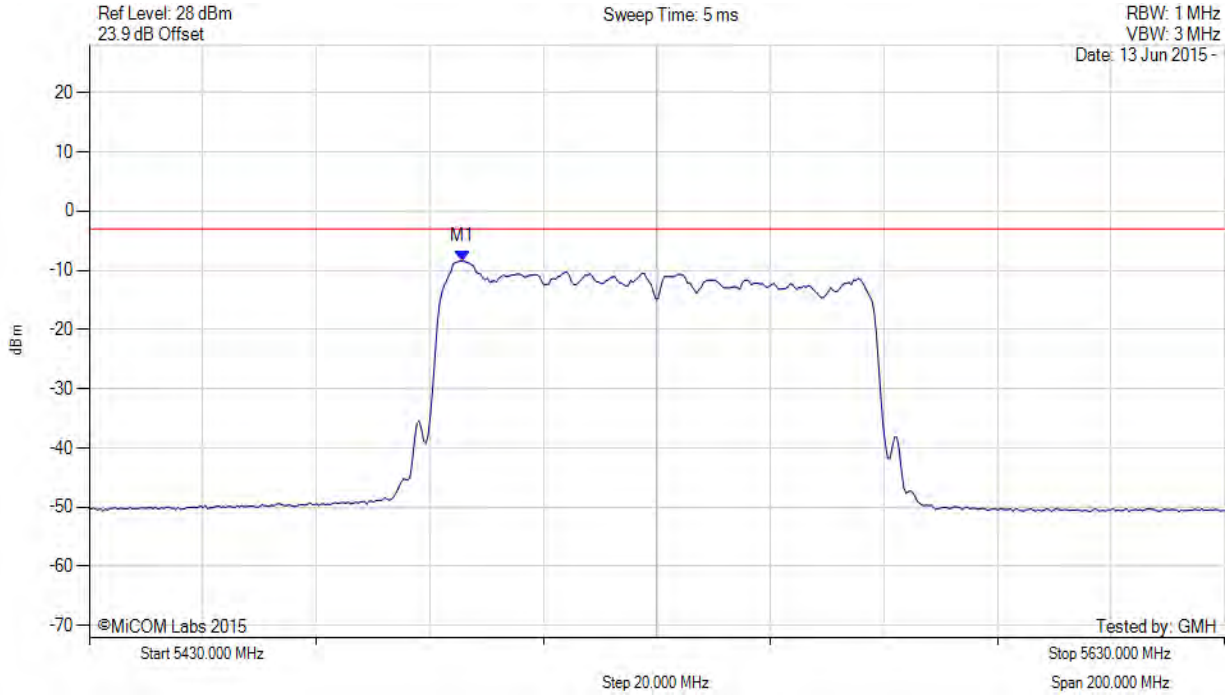
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5495.731 MHz : -8.460 dBm	Limit: ≤ 11.000 dBm

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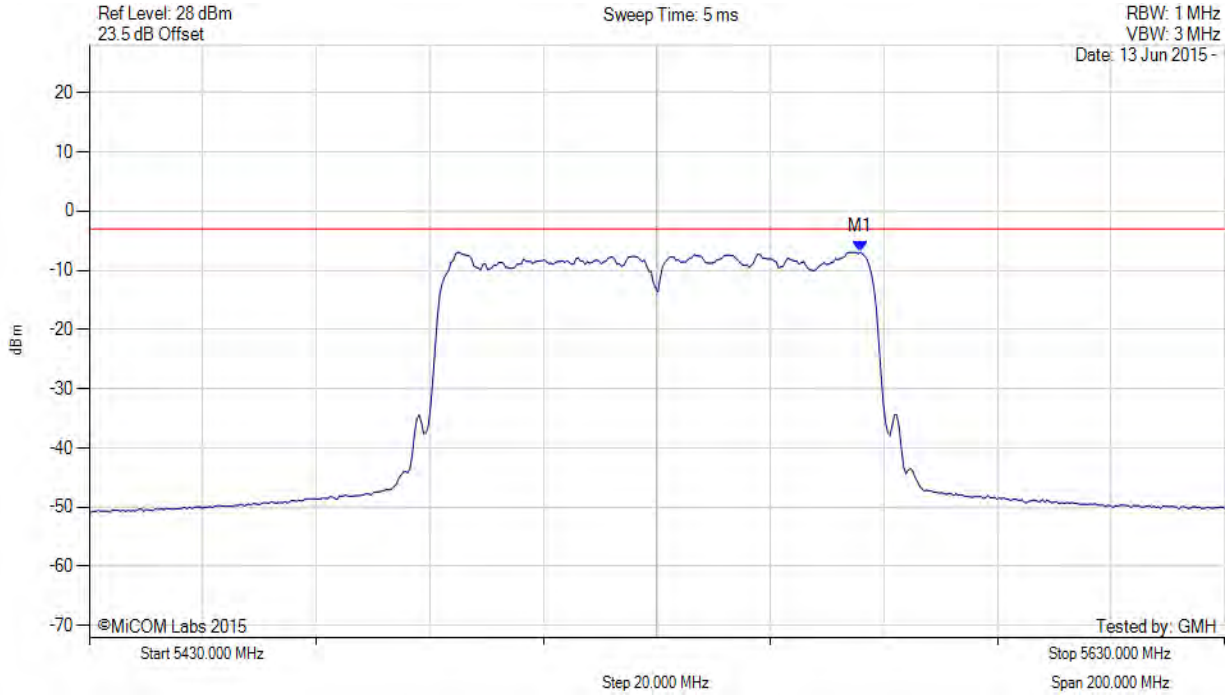
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5565.872 MHz : -6.918 dBm	Limit: ≤ 11.000 dBm

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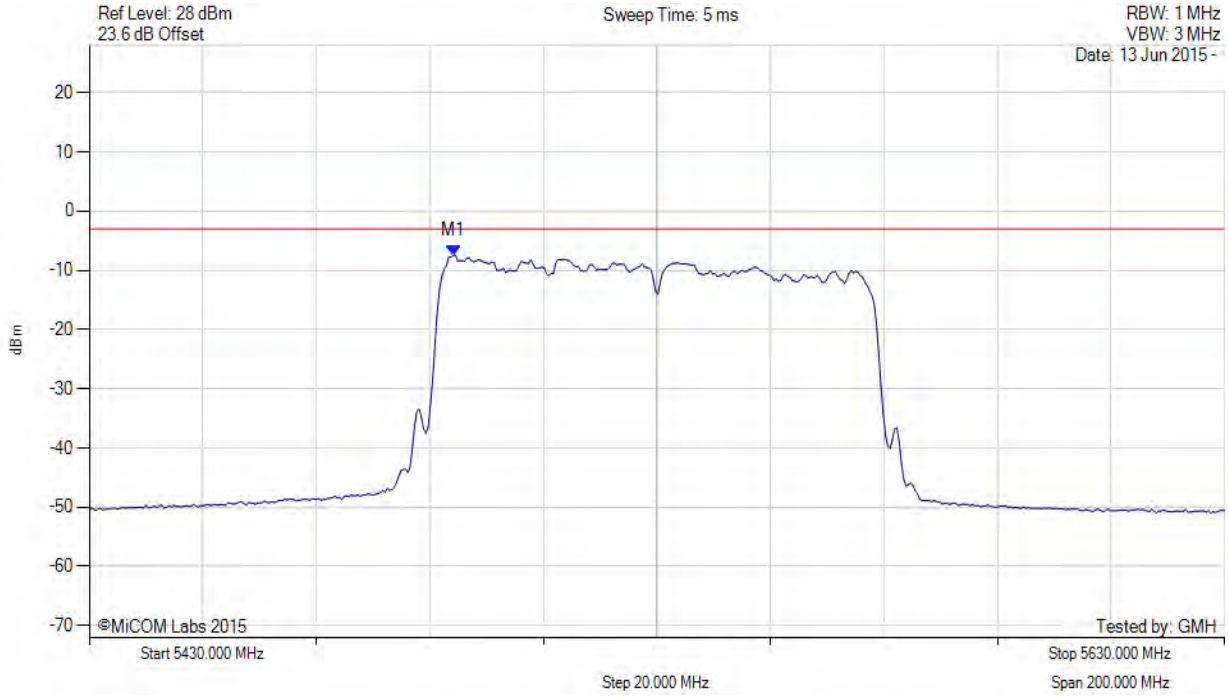
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5494.128 MHz : -7.450 dBm	Limit: ≤ 11.000 dBm

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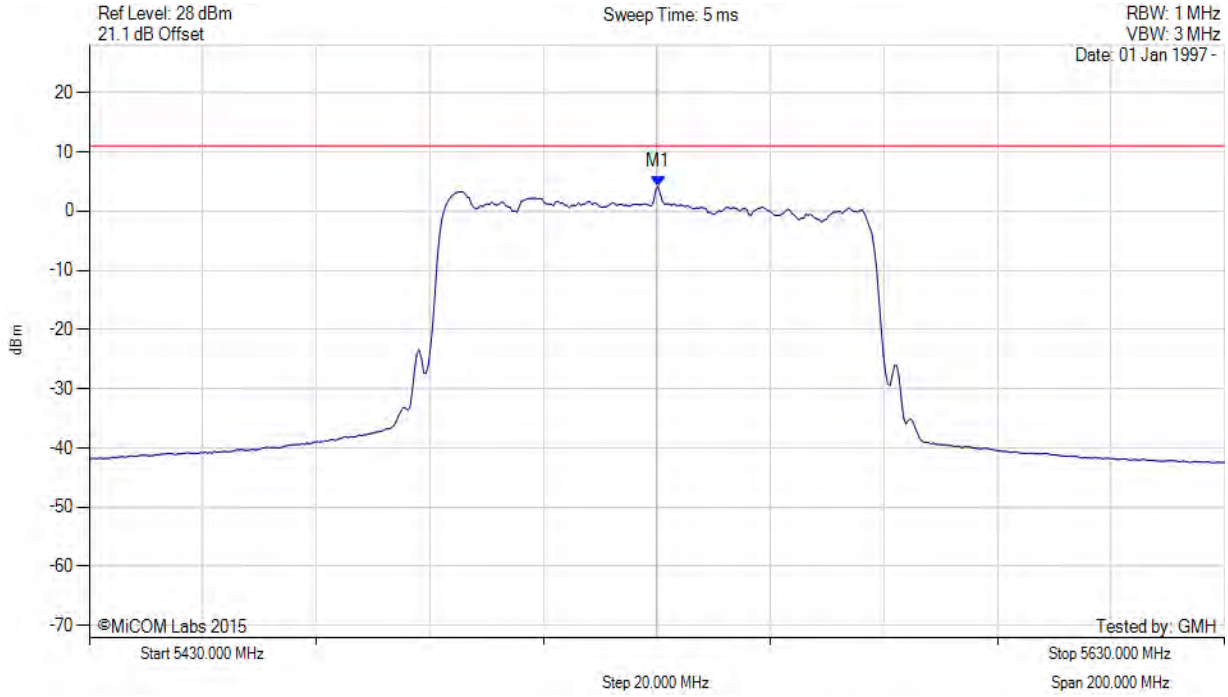
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5530.200 MHz : 4.157 dBm M1 + DCCF : 5530.200 MHz : 4.294 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 11.0 dBm Margin: -6.7 dB

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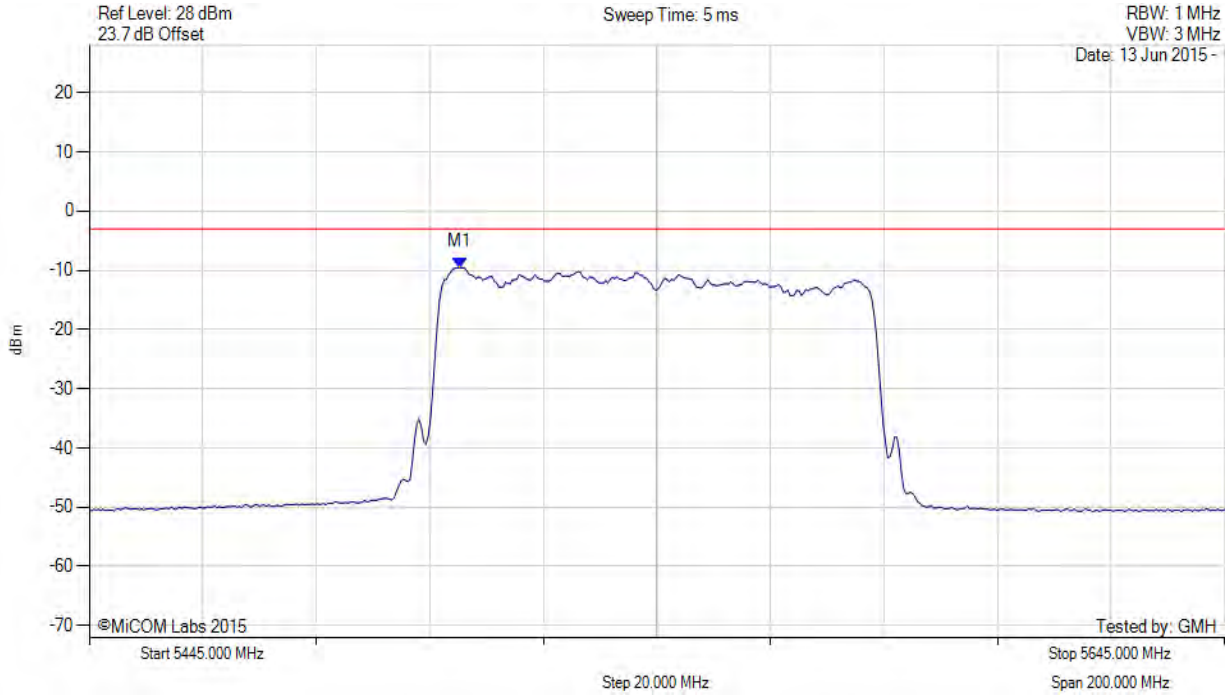
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5545.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5510.331 MHz : -9.530 dBm	Limit: ≤ 11.000 dBm

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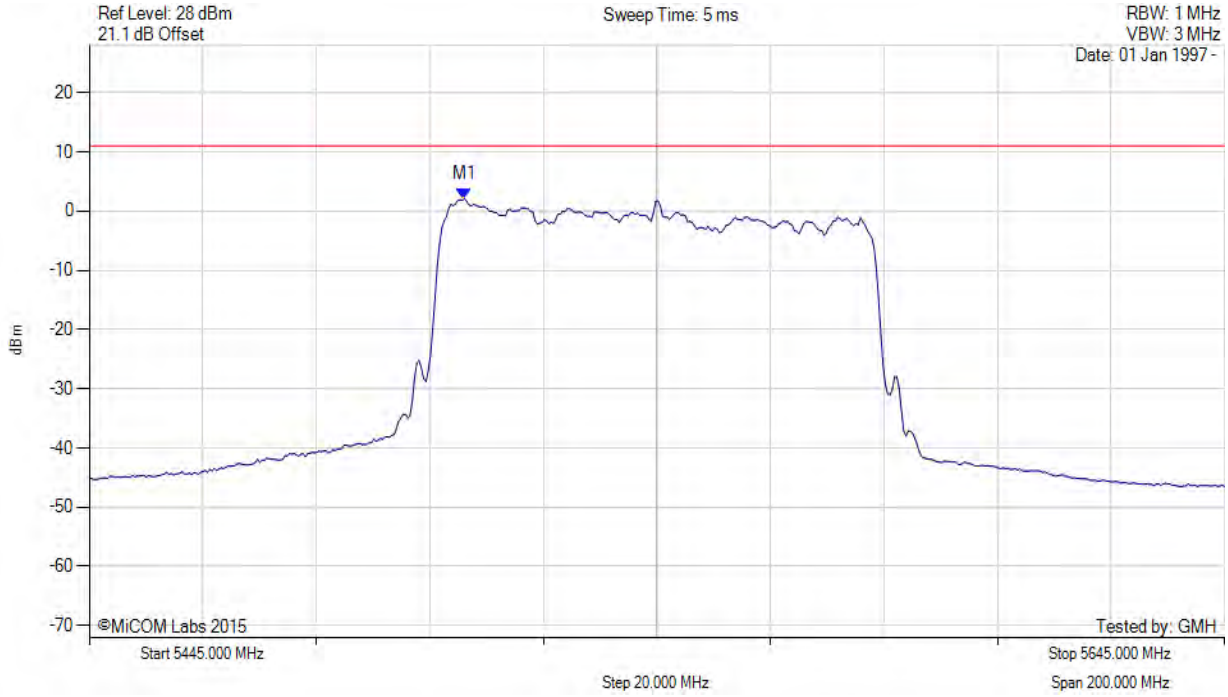
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5545.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5511.132 MHz : 2.116 dBm	Channel Frequency: 5545.00 MHz

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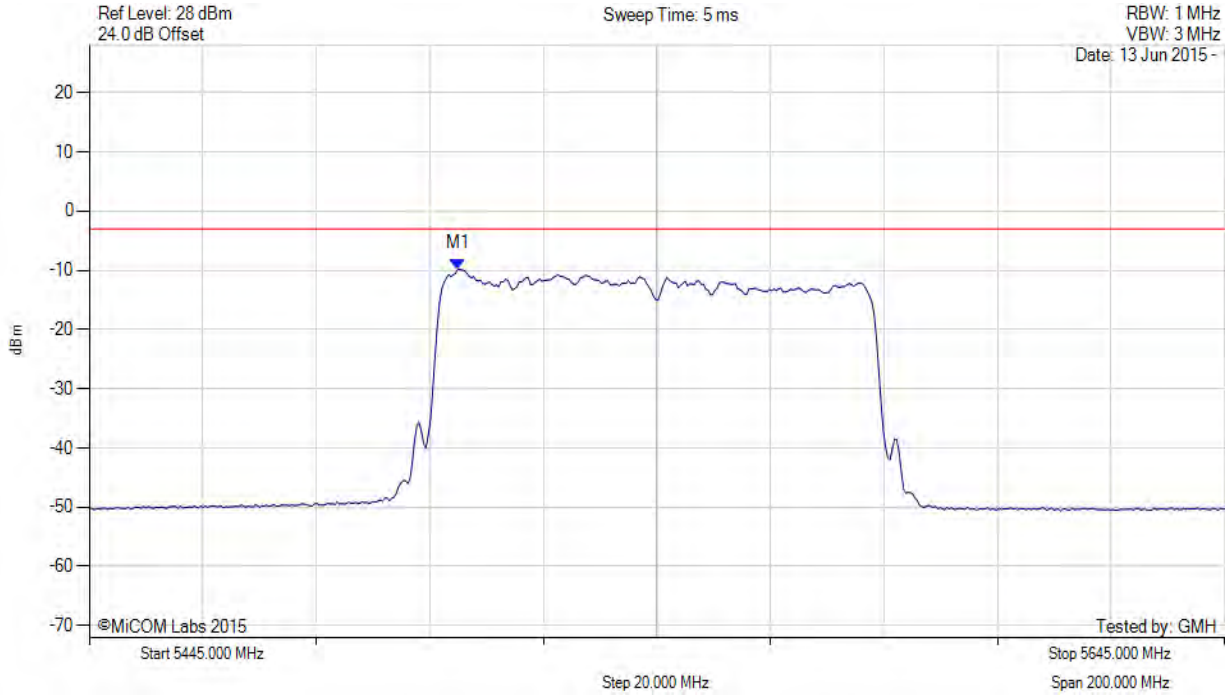
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5545.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5509.930 MHz : -9.782 dBm	Channel Frequency: 5545.00 MHz

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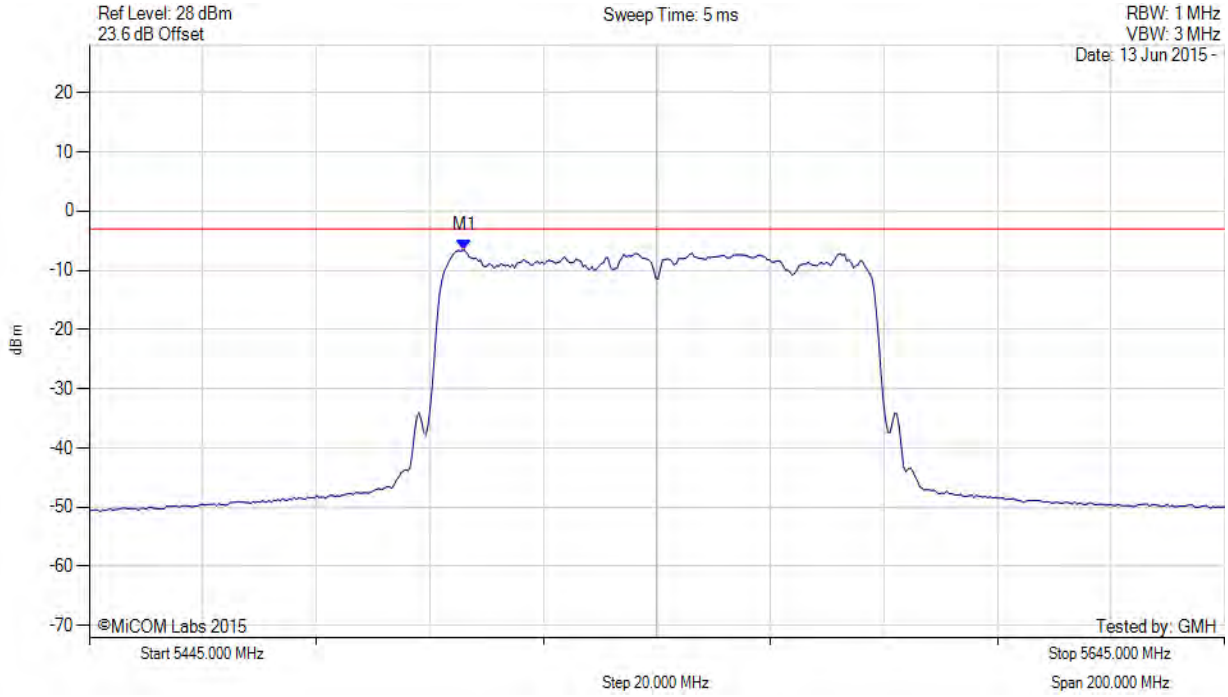
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5545.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5511.132 MHz : -6.622 dBm	Limit: ≤ 11.000 dBm

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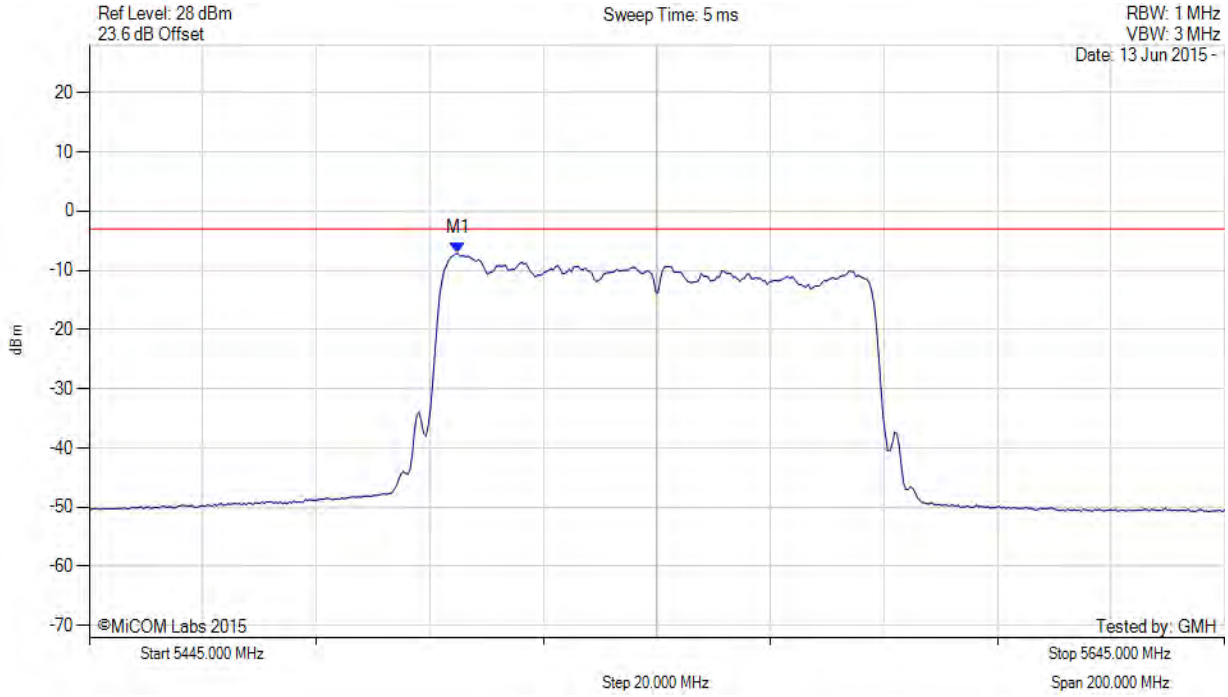
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5545.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5509.930 MHz : -7.117 dBm	Limit: ≤ 11.000 dBm

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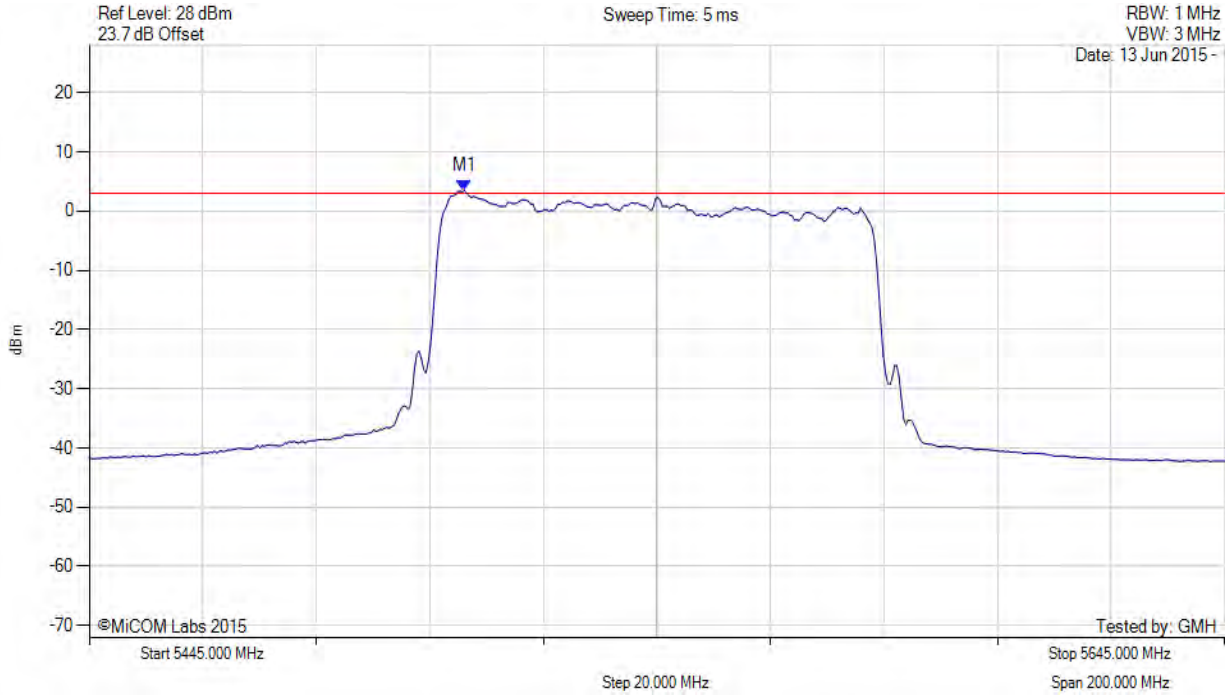
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5545.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5511.100 MHz : 3.477 dBm M1 + DCCF : 5511.100 MHz : 3.614 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 3.0 dBm Margin: 0.6 dB

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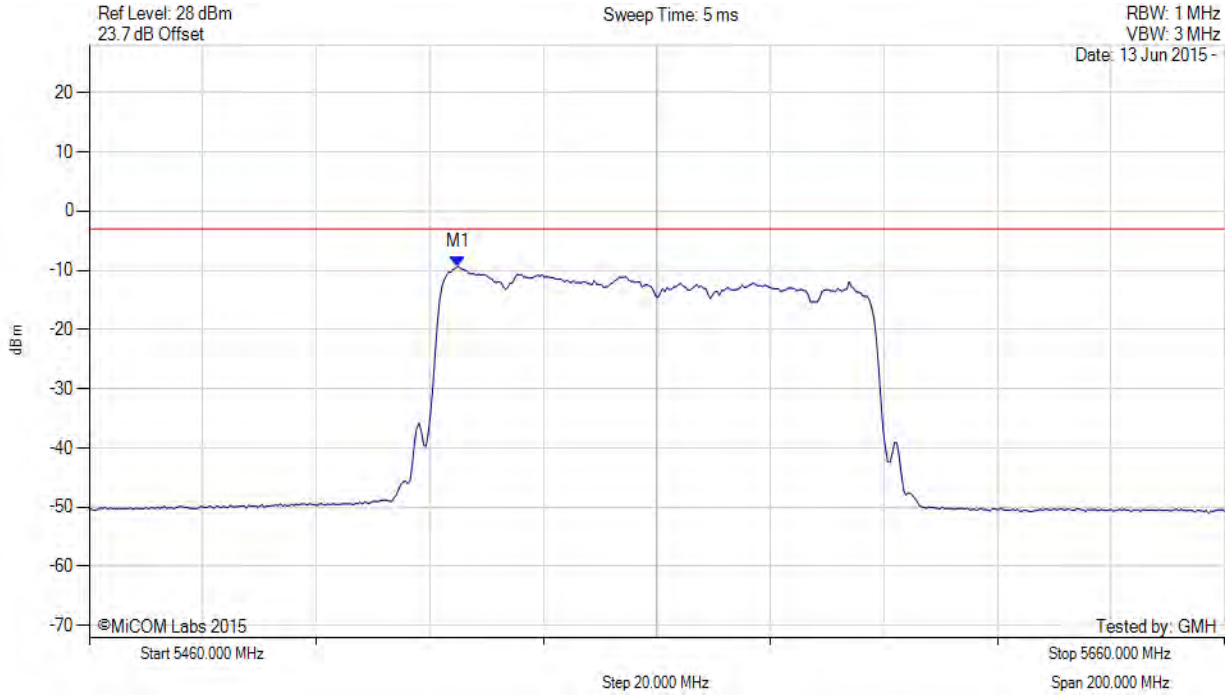
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5560.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5524.930 MHz : -9.332 dBm	Limit: ≤ 11.000 dBm

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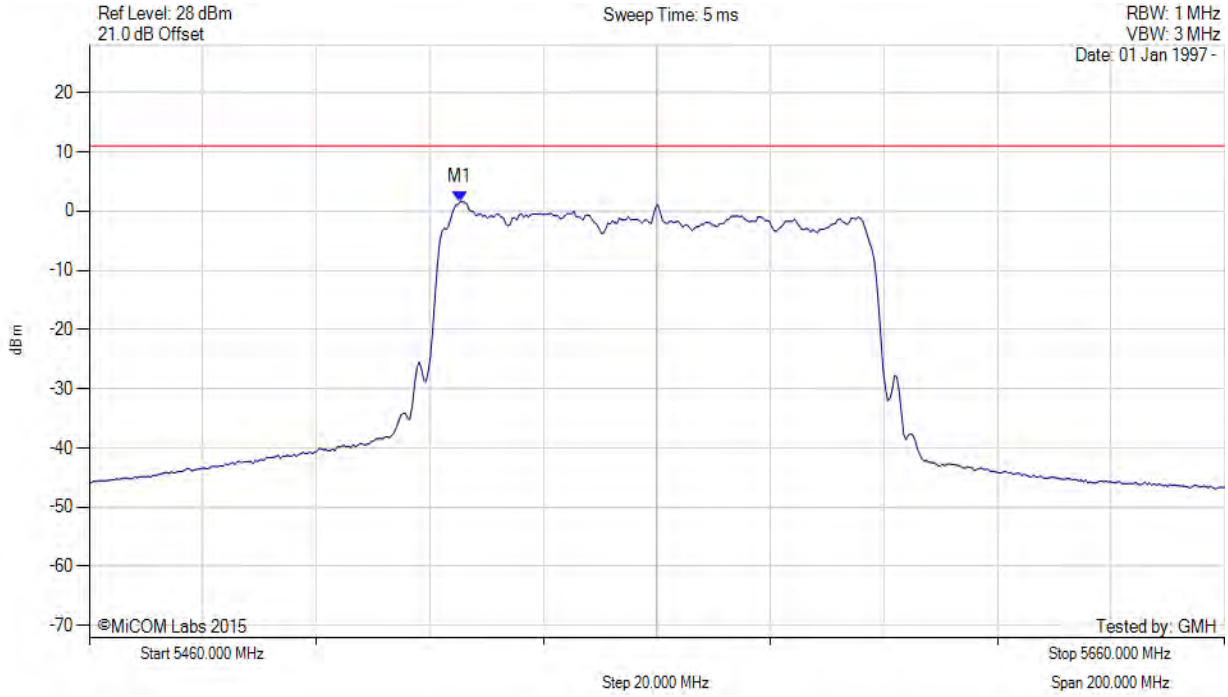
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5560.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5525.331 MHz : 1.565 dBm	Channel Frequency: 5560.00 MHz

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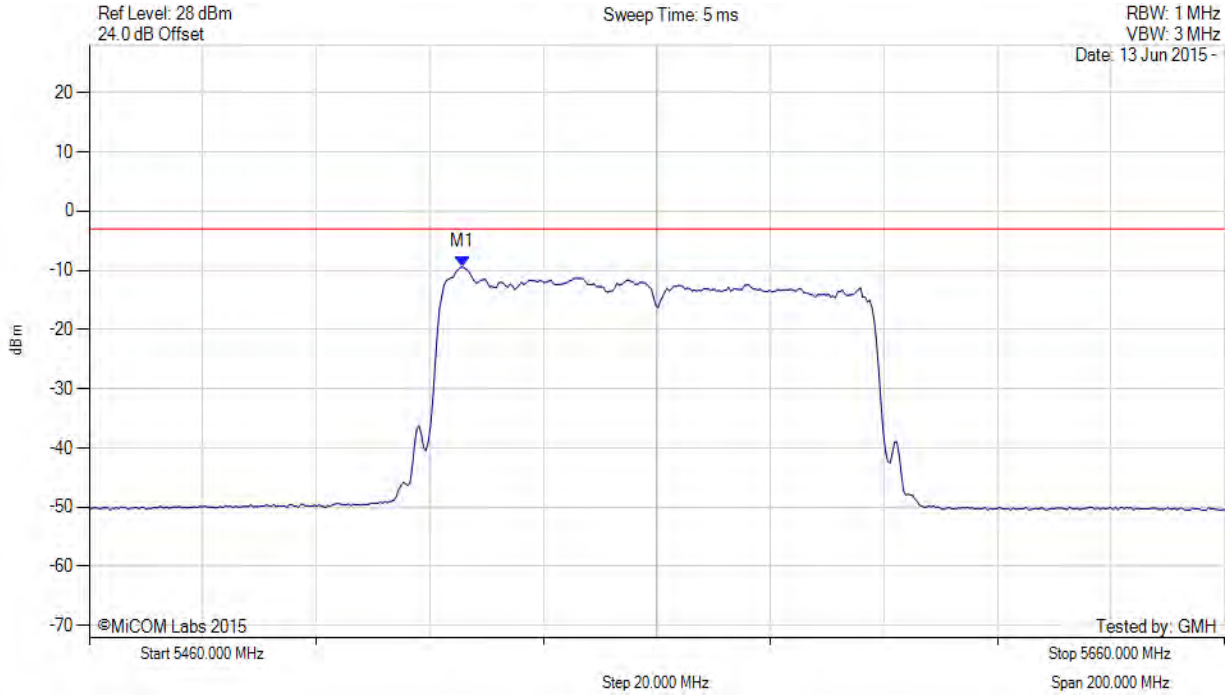
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5560.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5525.731 MHz : -9.434 dBm	Limit: ≤ 11.000 dBm

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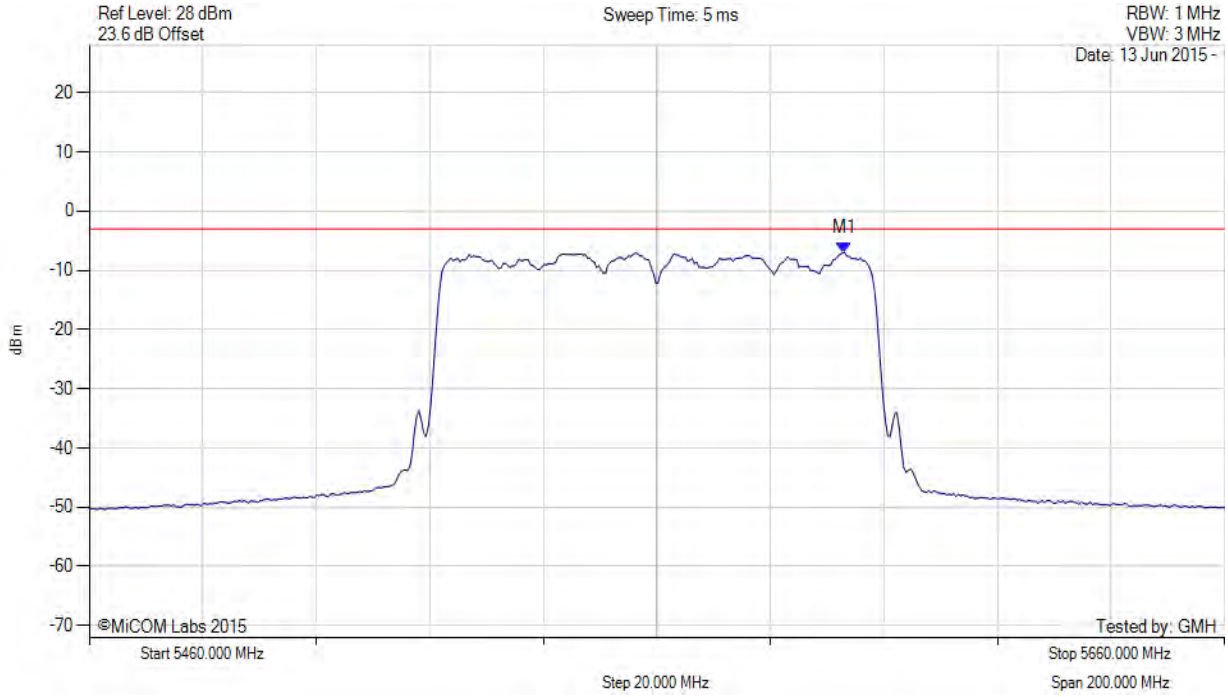
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5560.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5593.066 MHz : -6.982 dBm	Limit: ≤ 11.000 dBm

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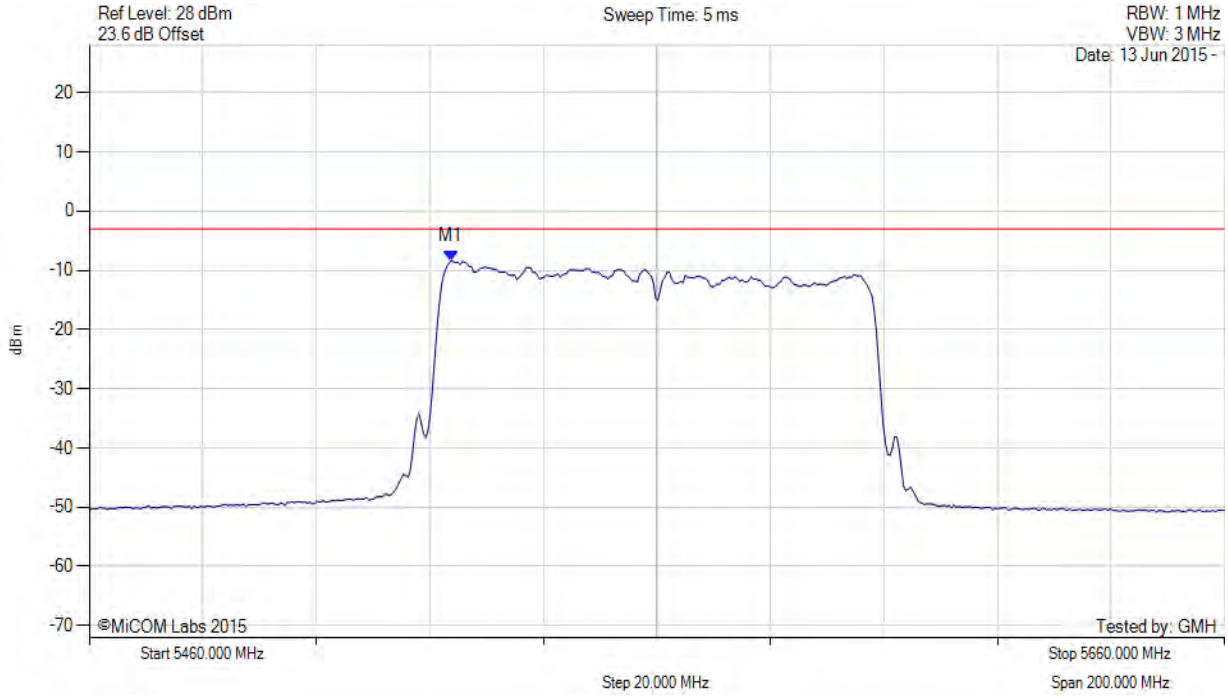
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5560.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5523.727 MHz : -8.408 dBm	Limit: ≤ 11.000 dBm

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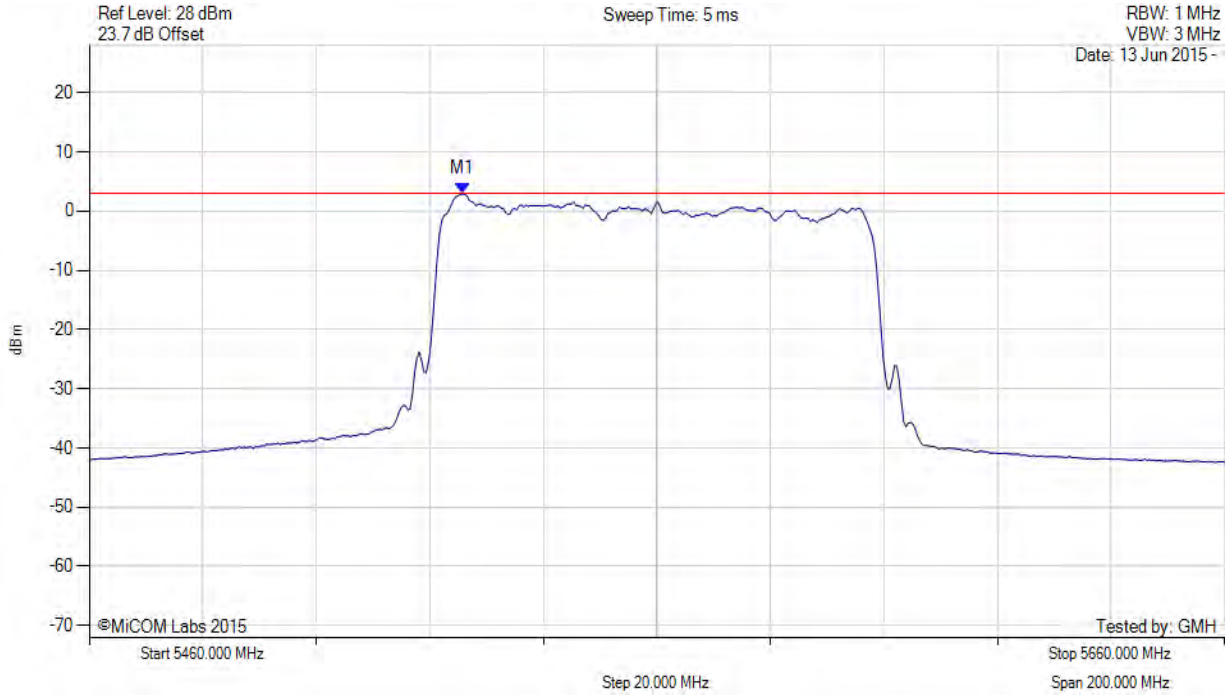
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5560.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5525.700 MHz : 2.884 dBm M1 + DCCF : 5525.700 MHz : 3.021 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 3.0 dBm Margin: 0.0 dB

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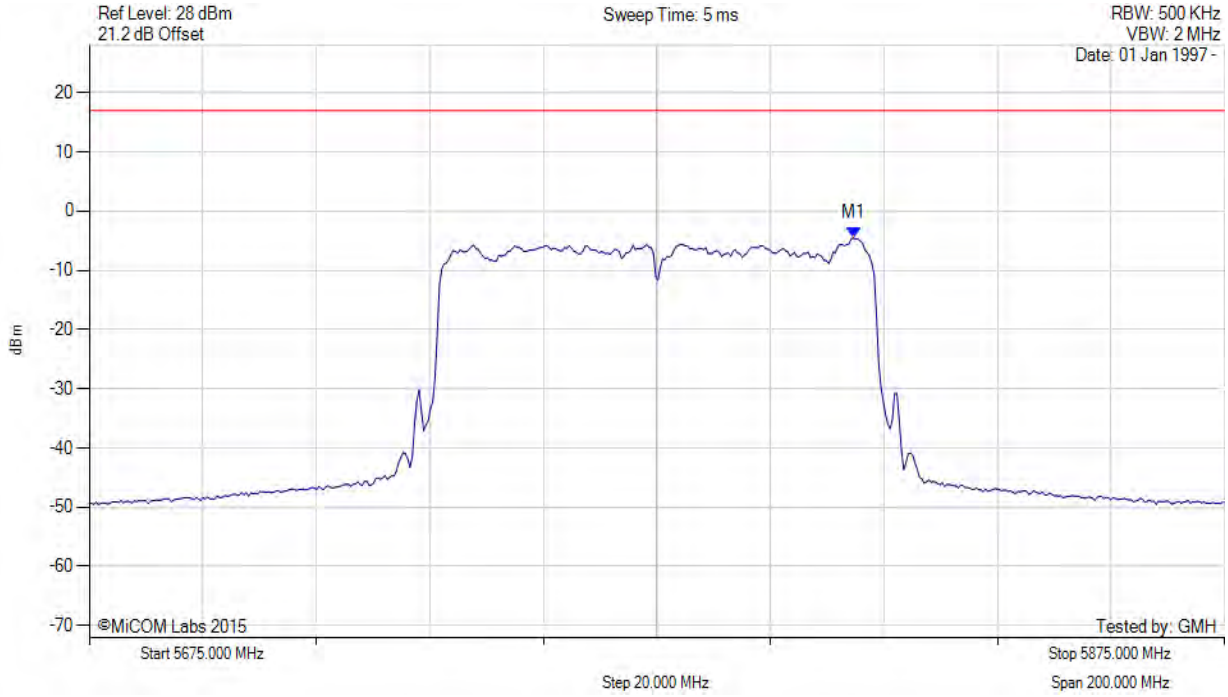
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5809.669 MHz : -4.552 dBm	Limit: ≤ 17.000 dBm

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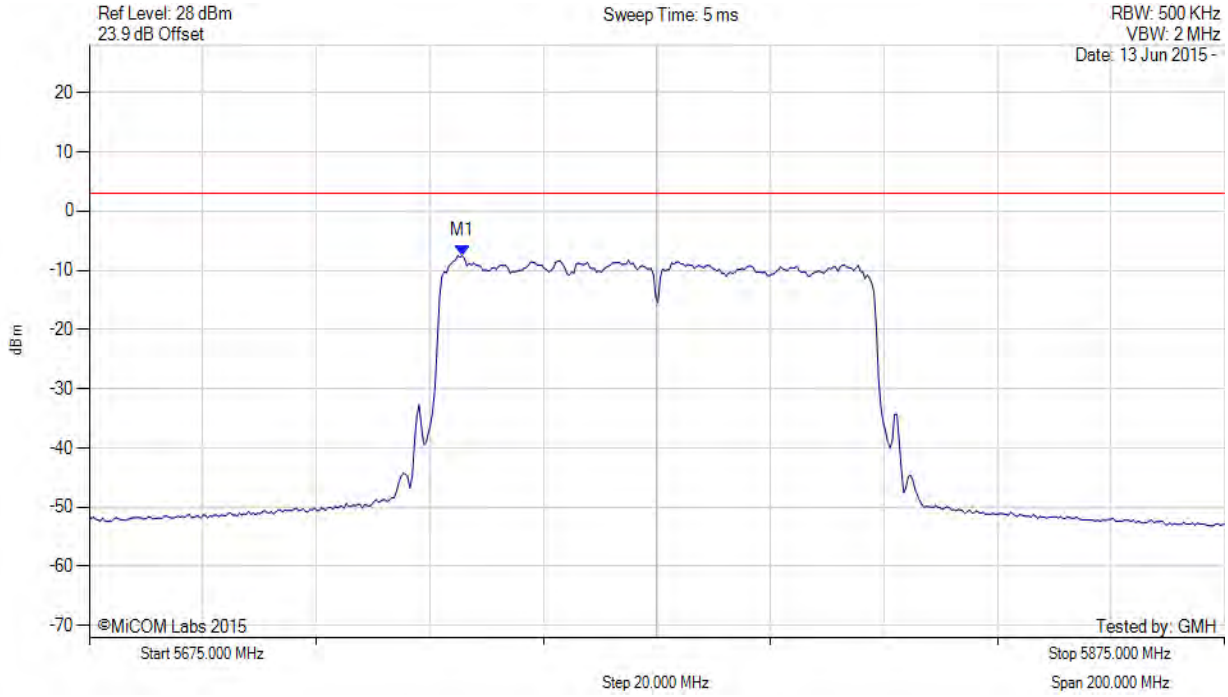
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5740.731 MHz : -7.526 dBm	Channel Frequency: 5775.00 MHz

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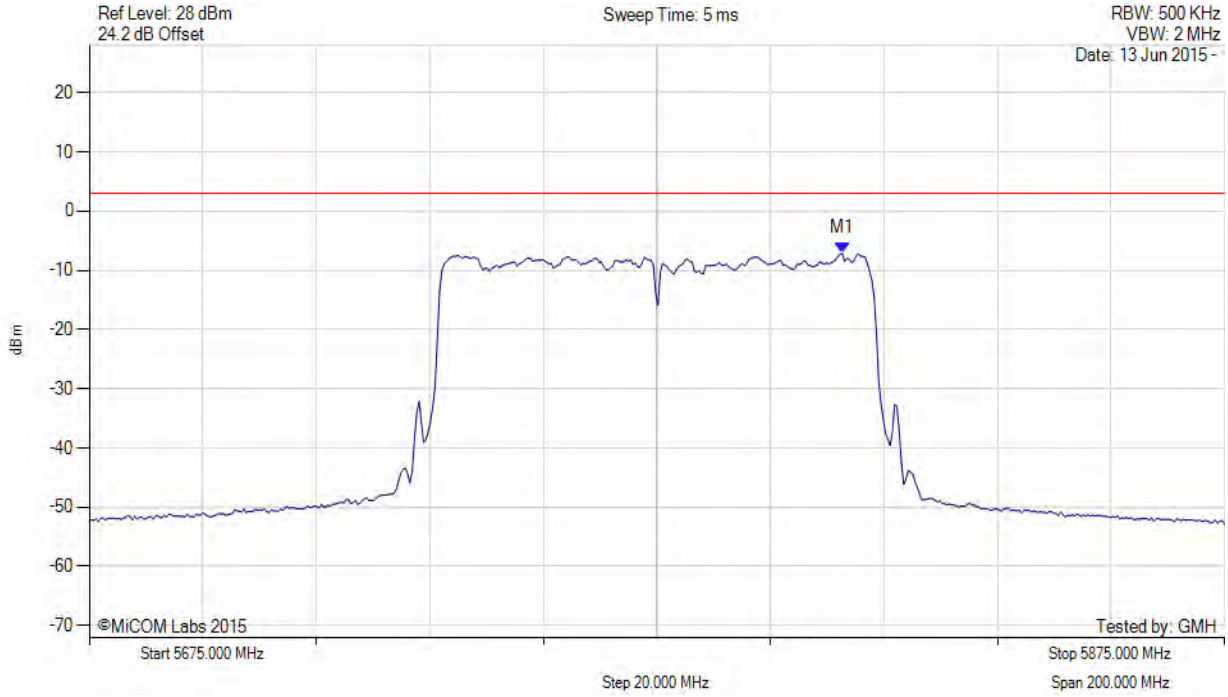
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5807.665 MHz : -7.143 dBm	Limit: ≤ 17.000 dBm

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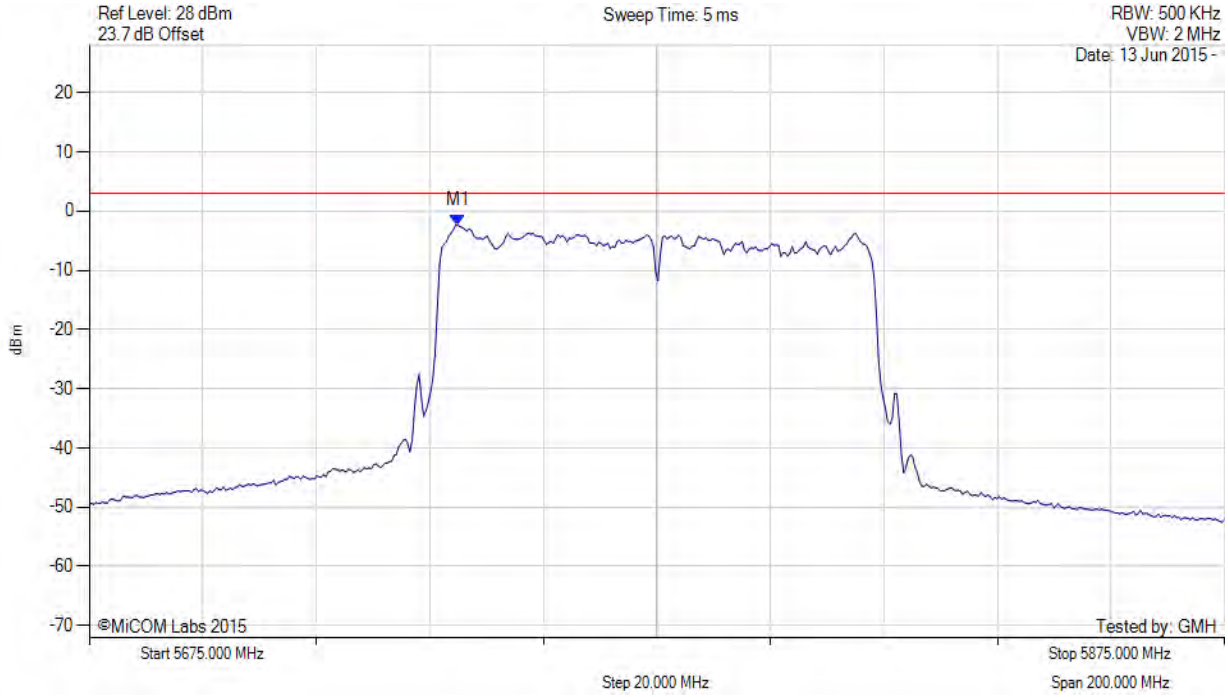
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5739.930 MHz : -2.392 dBm	Limit: ≤ 17.000 dBm

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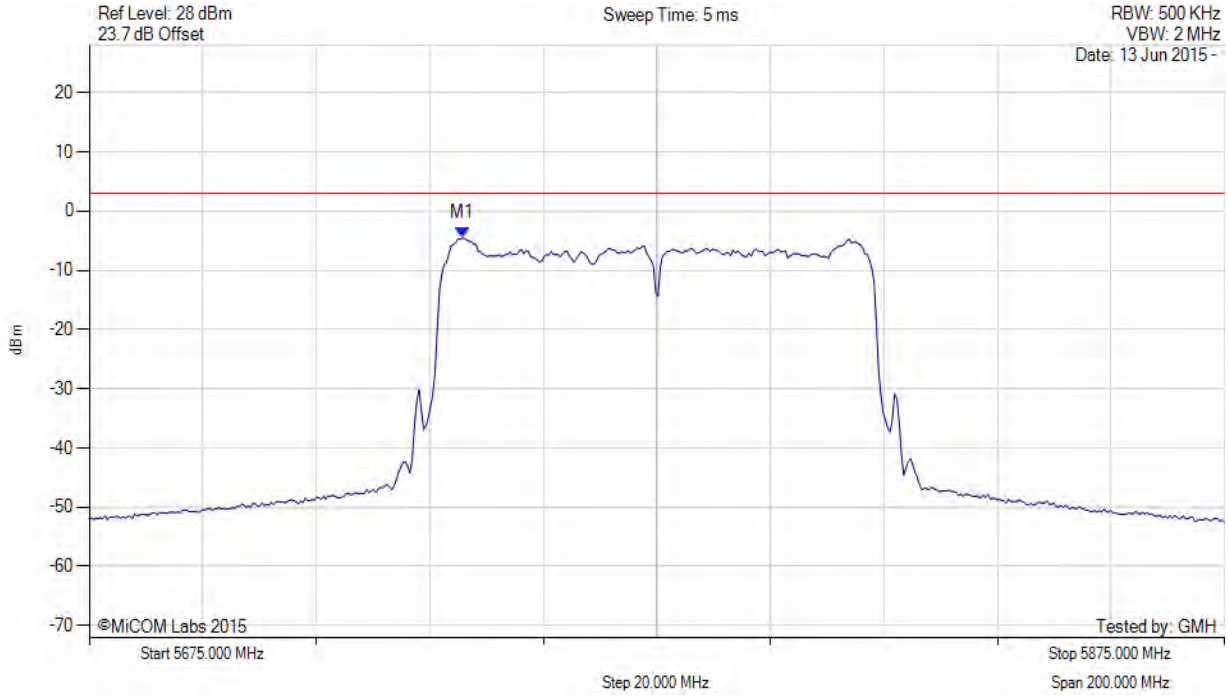
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5740.731 MHz : -4.550 dBm	Limit: ≤ 17.000 dBm

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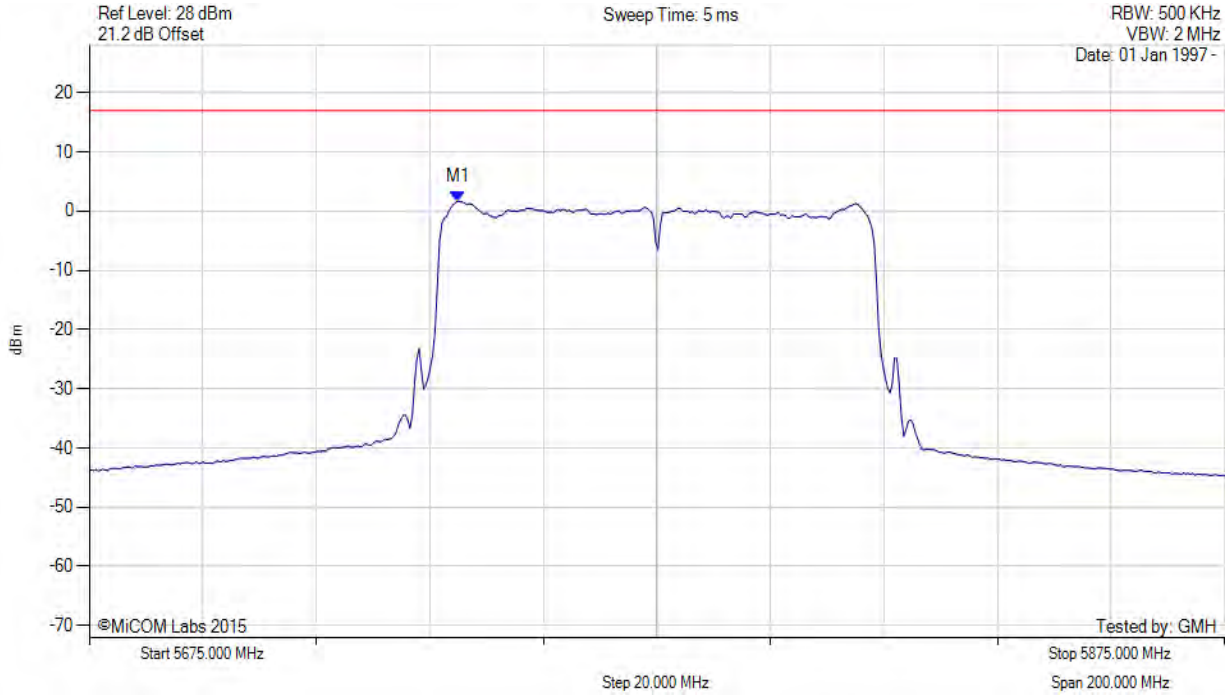
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5739.900 MHz : 1.663 dBm M1 + DCCF : 5739.900 MHz : 1.800 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 17.0 dBm Margin: -15.2 dB

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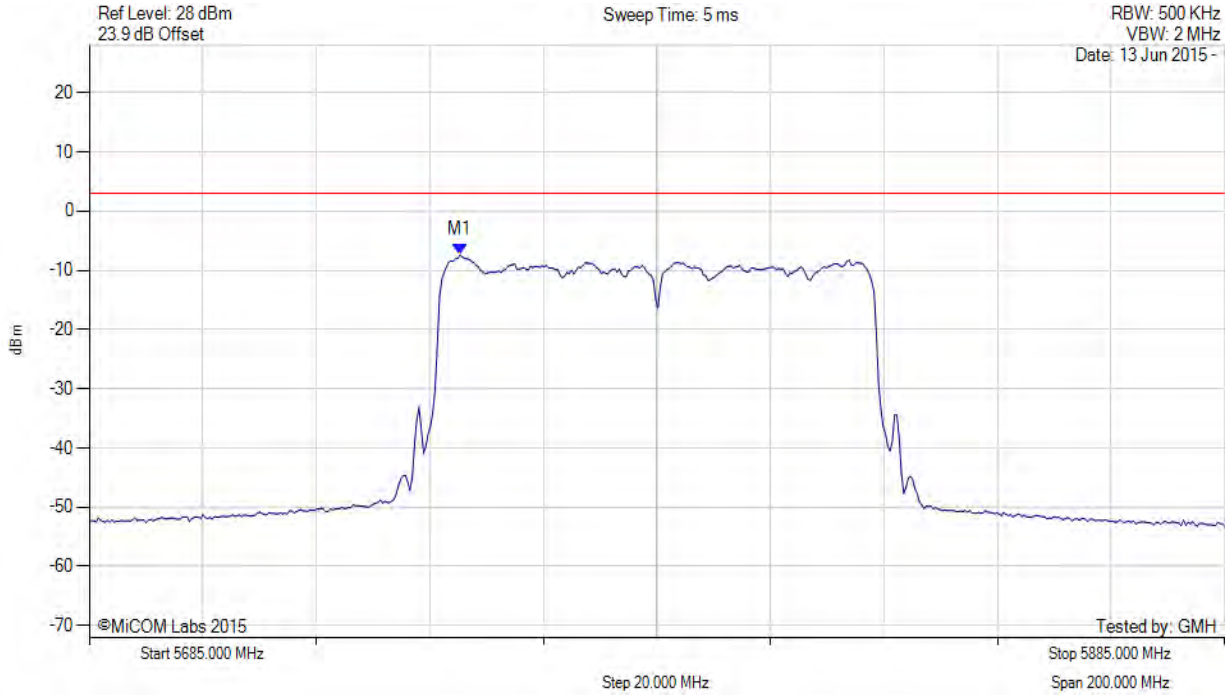
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5750.331 MHz : -7.389 dBm	Limit: ≤ 17.000 dBm

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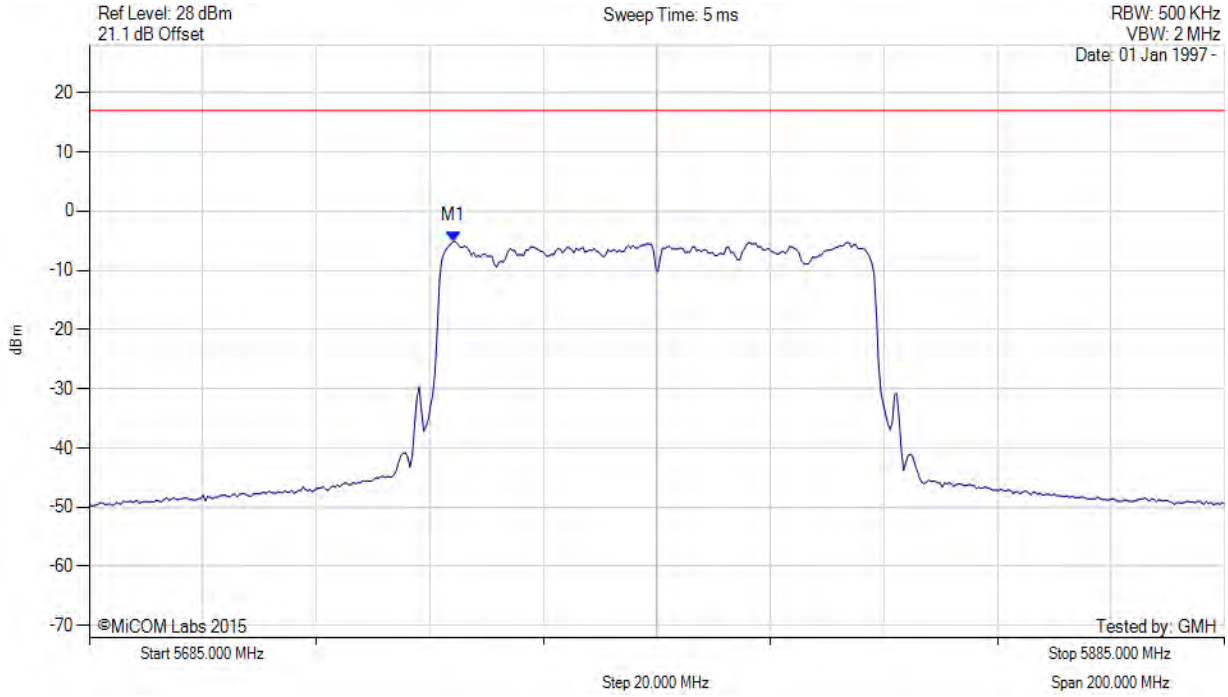
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5749.128 MHz : -5.110 dBm	Channel Frequency: 5785.00 MHz

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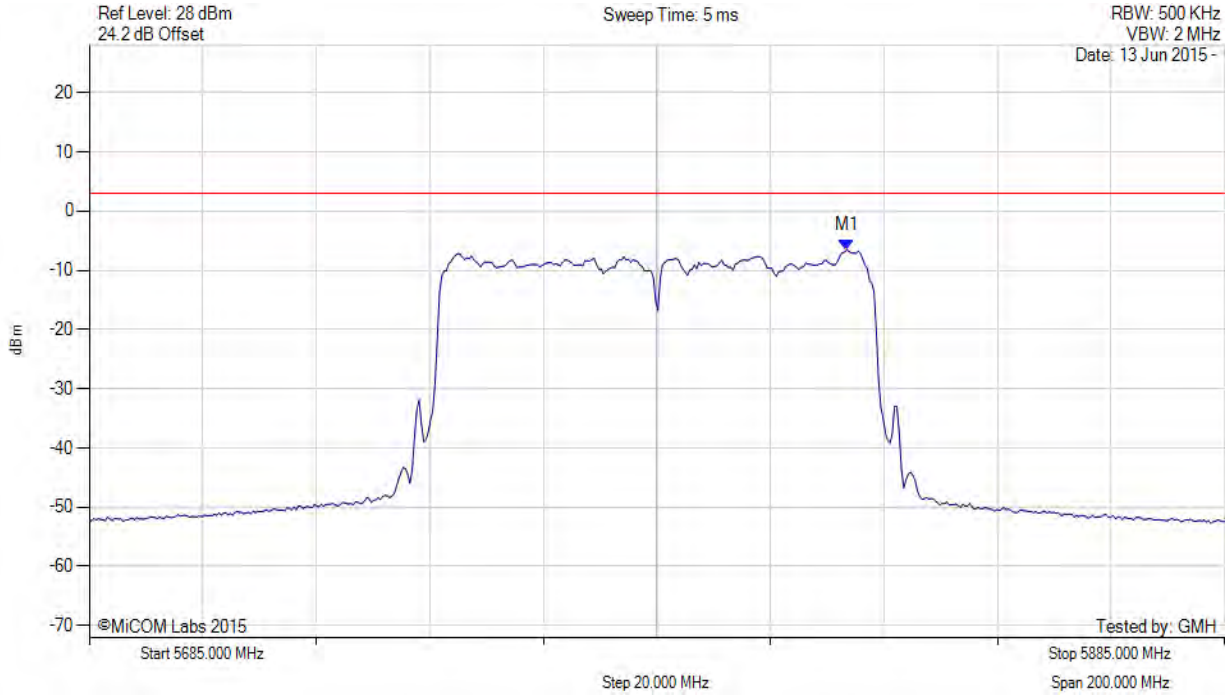
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5818.467 MHz : -6.547 dBm	Channel Frequency: 5785.00 MHz

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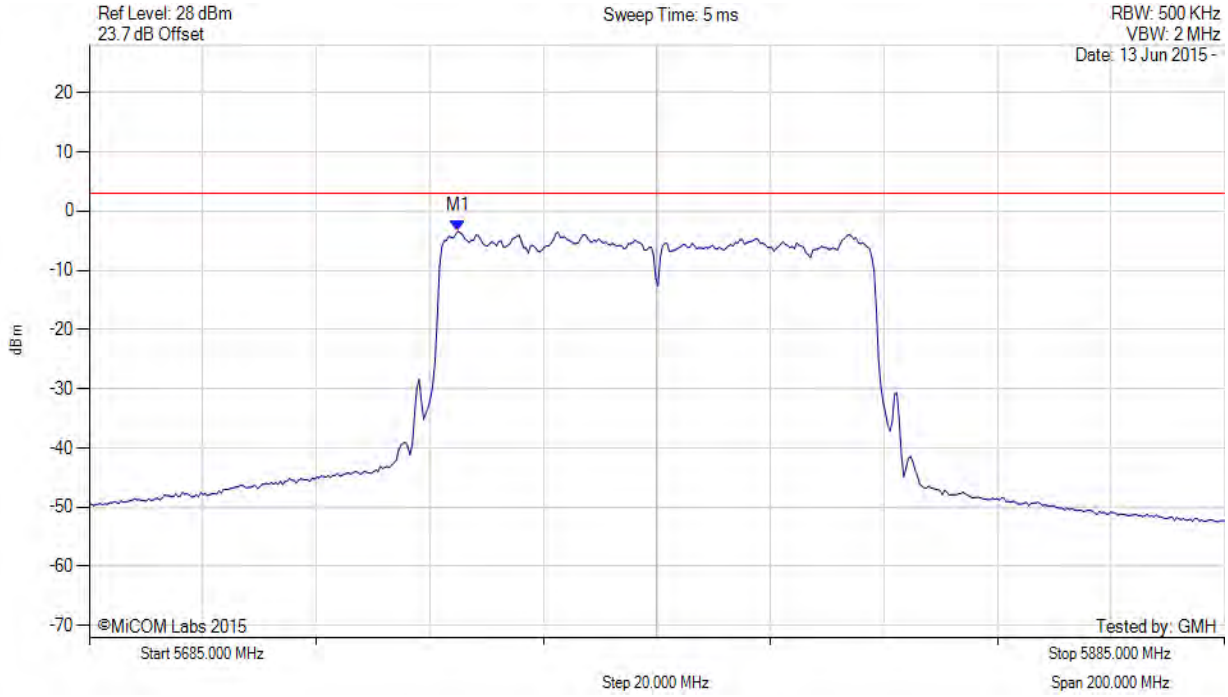
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5785.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5749.930 MHz : -3.416 dBm	Limit: ≤ 17.000 dBm

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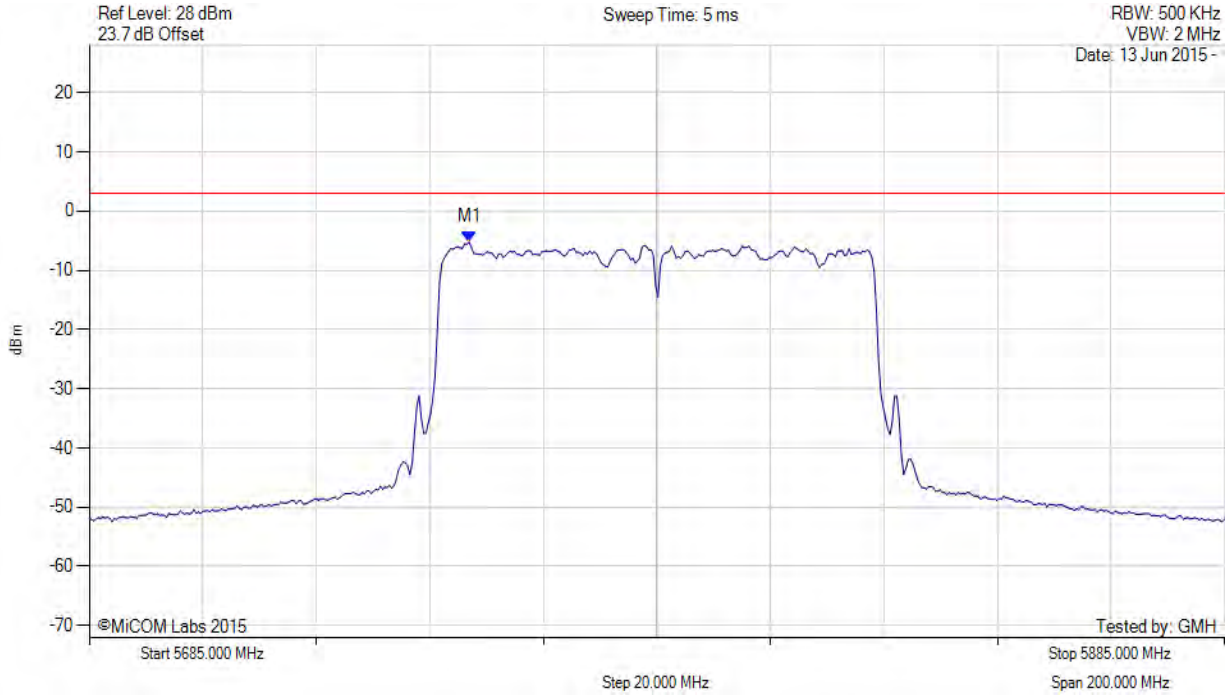
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5785.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5751.934 MHz : -5.271 dBm	Limit: ≤ 17.000 dBm

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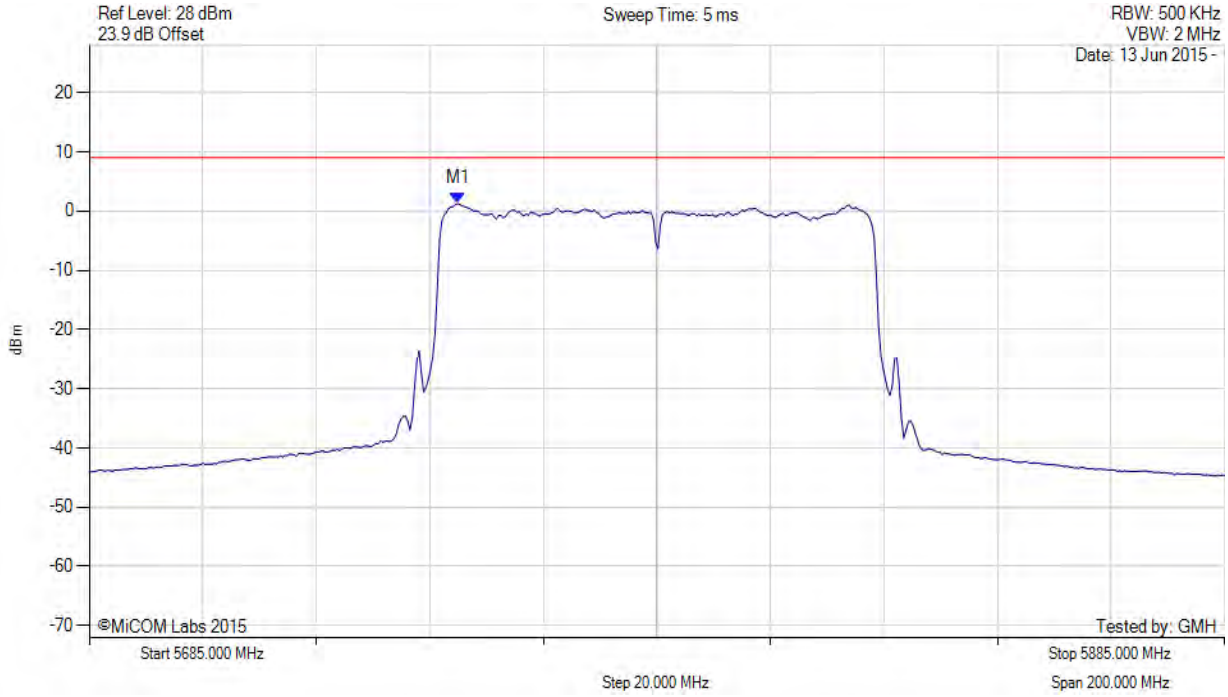
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5785.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5749.900 MHz : 1.245 dBm M1 + DCCF : 5749.900 MHz : 1.382 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 9.0 dBm Margin: -7.6 dB

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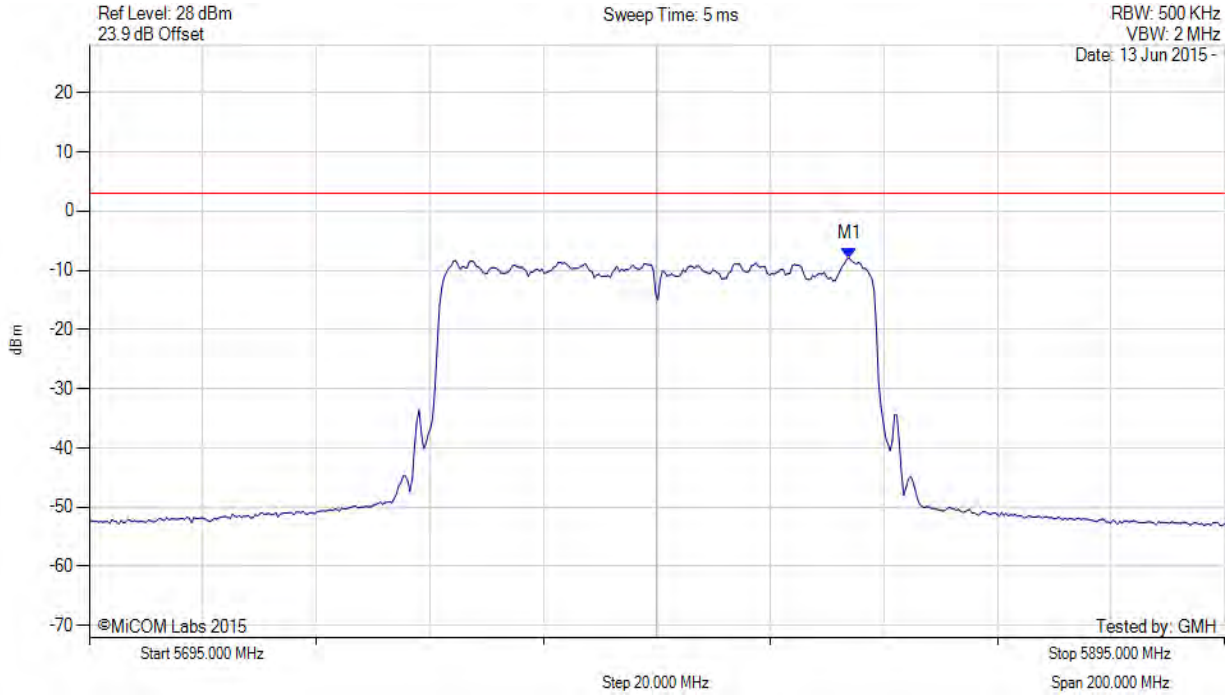
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5828.868 MHz : -7.969 dBm	Limit: ≤ 17.000 dBm

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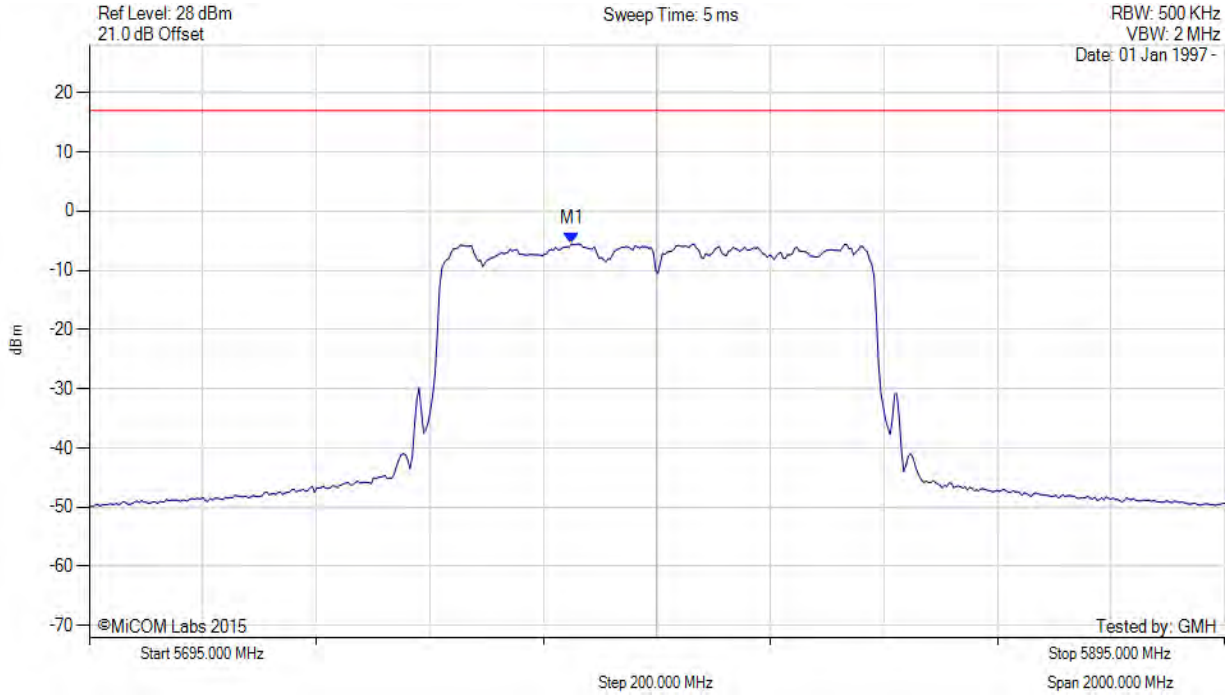
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5779.970 MHz : -5.512 dBm	Channel Frequency: 5795.00 MHz

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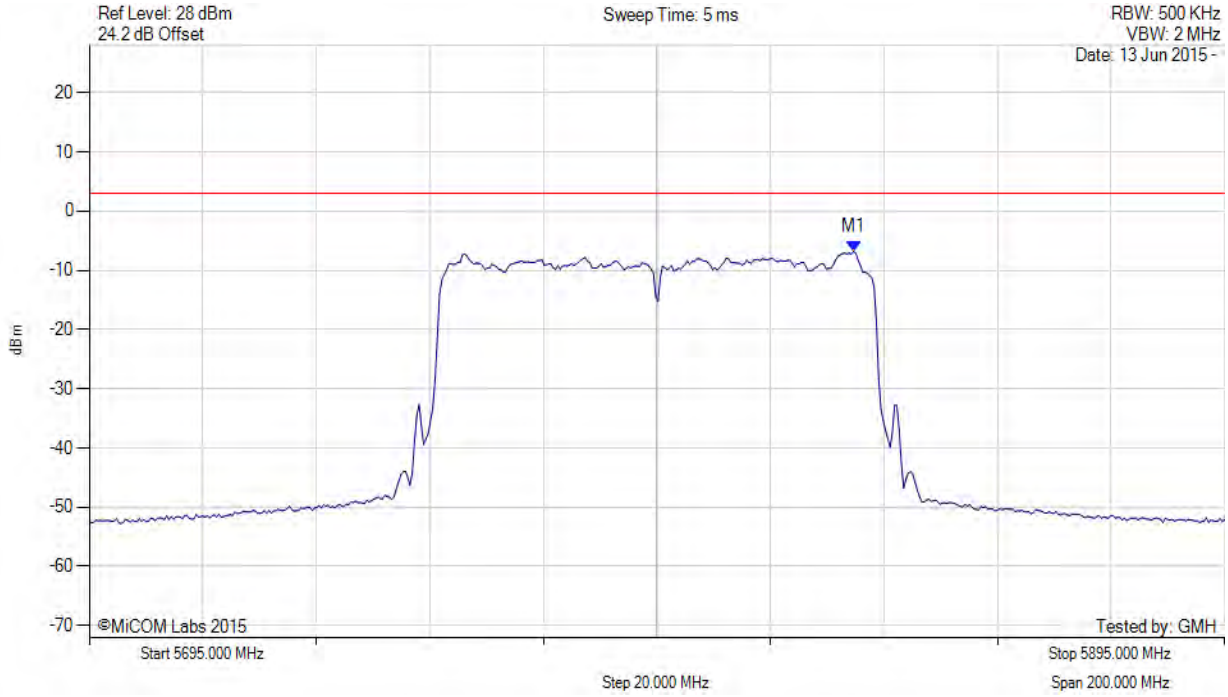
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5829.669 MHz : -6.821 dBm	Limit: ≤ 17.000 dBm

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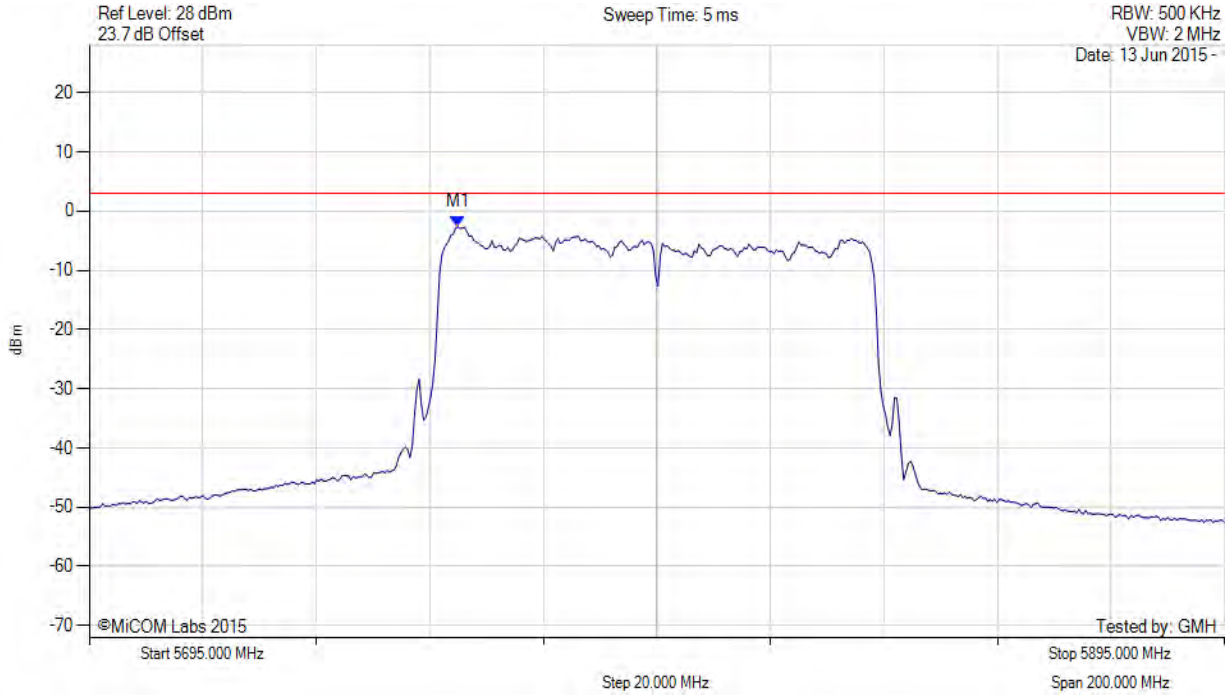
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5795.00 MHz, Chain c, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5759.930 MHz : -2.686 dBm	Limit: ≤ 17.000 dBm

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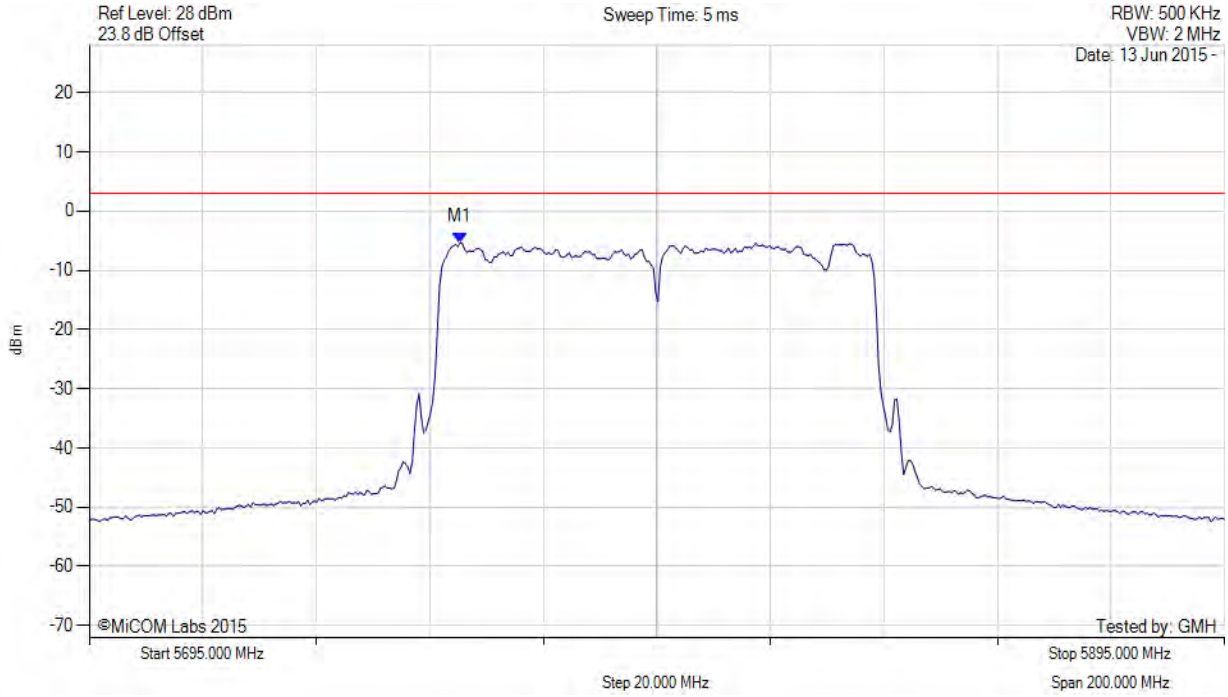
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5795.00 MHz, Chain d, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5760.331 MHz : -5.333 dBm	Limit: ≤ 17.000 dBm

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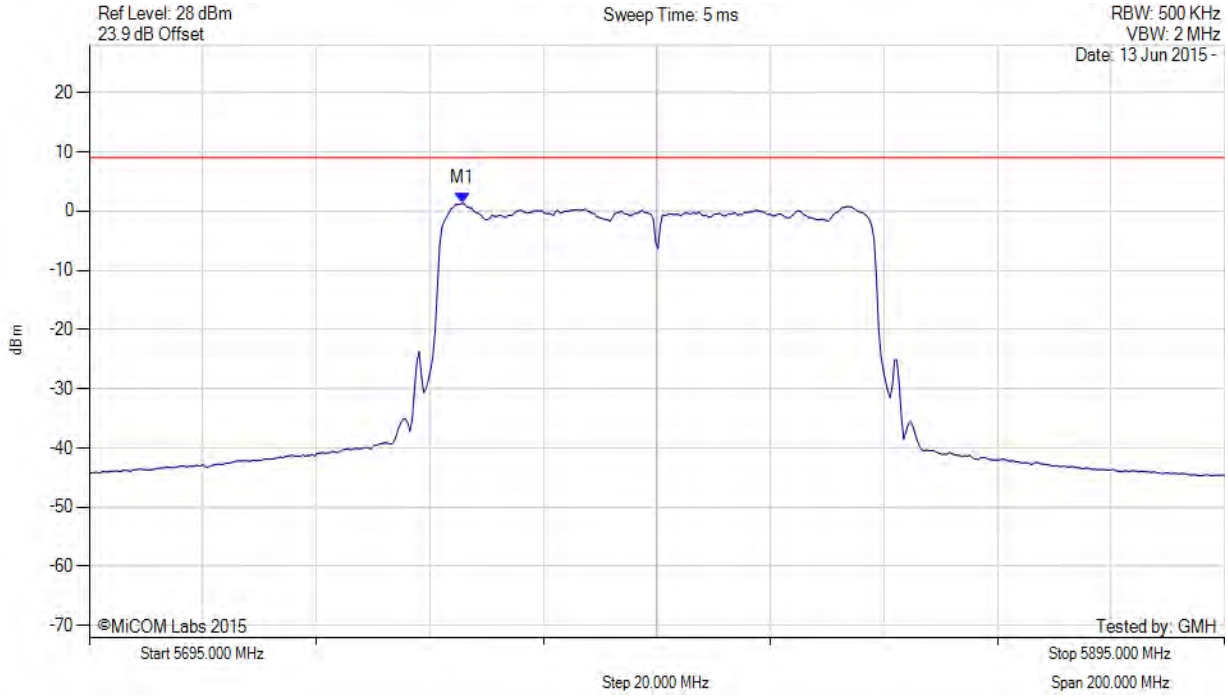
POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5795.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5760.700 MHz : 1.325 dBm M1 + DCCF : 5760.700 MHz : 1.462 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 9.0 dBm Margin: -7.6 dB

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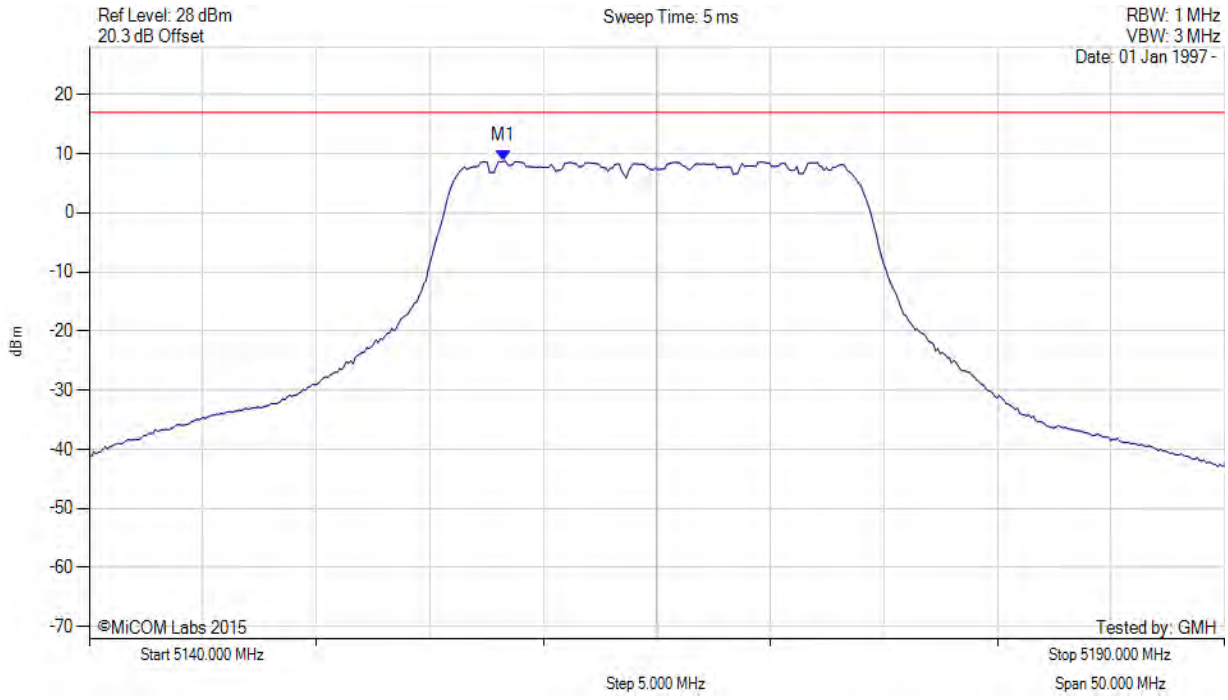
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5165.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5158.236 MHz : 8.709 dBm	Limit: ≤ 17.000 dBm

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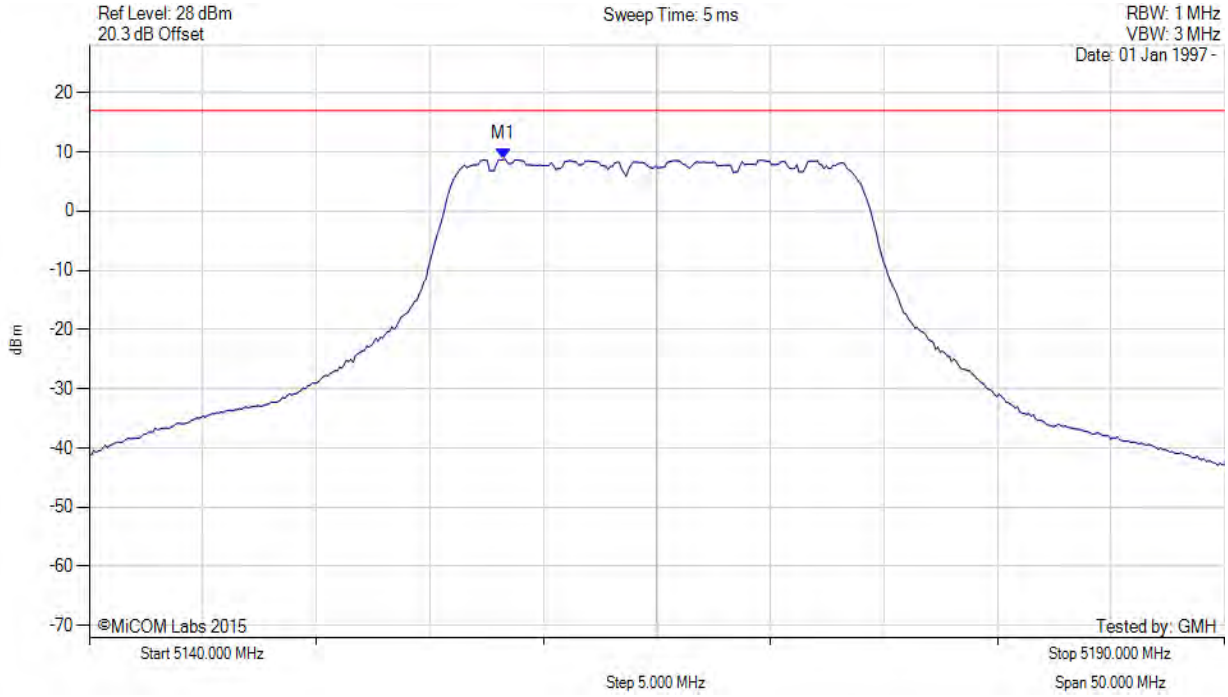
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5165.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5158.200 MHz : 8.709 dBm M1 + DCCF : 5158.200 MHz : 8.757 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -8.2 dB

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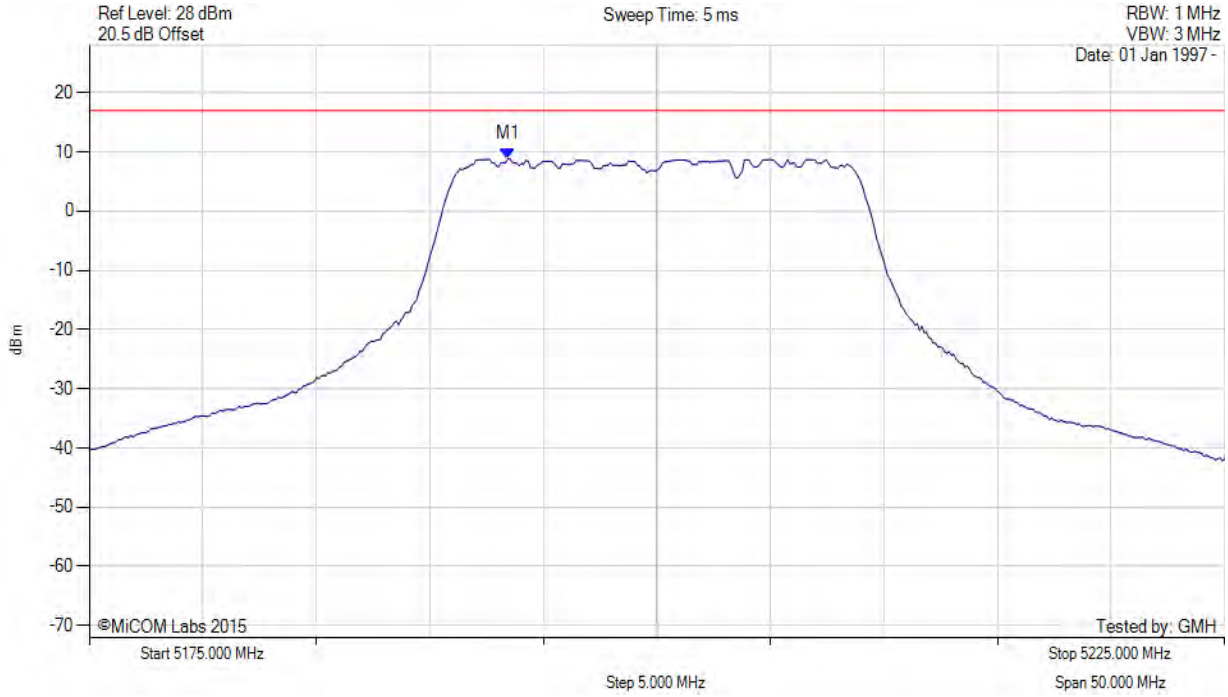
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5193.437 MHz : 8.863 dBm	Limit: ≤ 17.000 dBm

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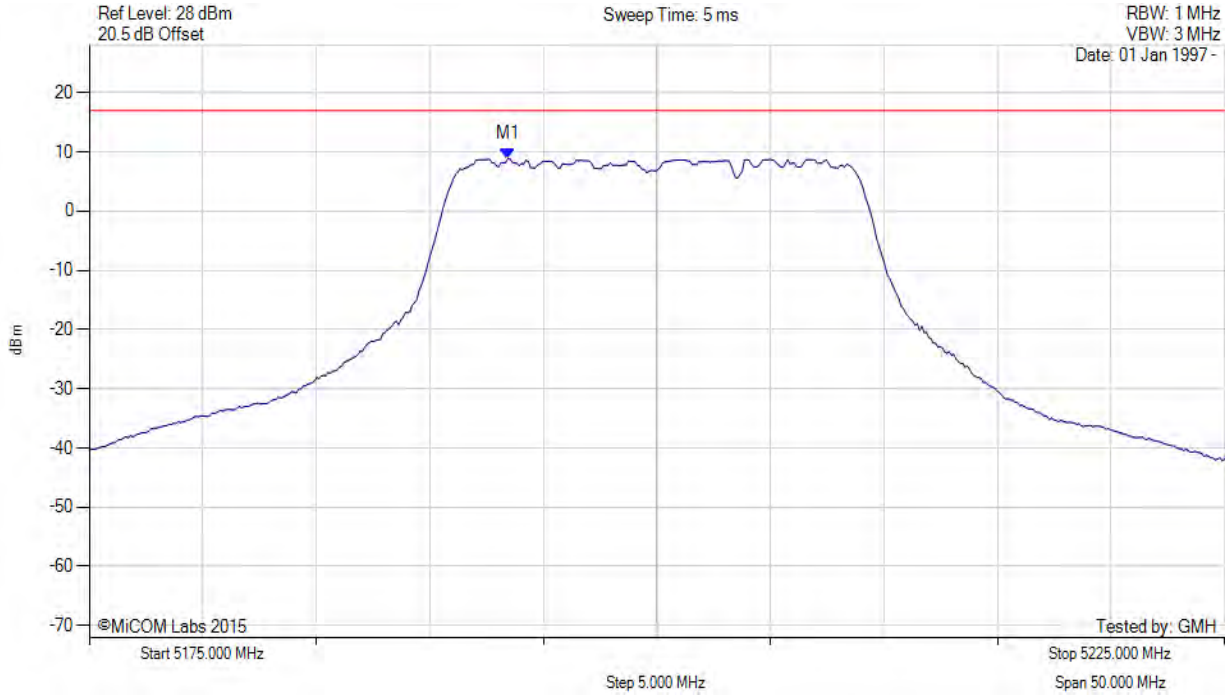
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5193.400 MHz : 8.863 dBm M1 + DCCF : 5193.400 MHz : 8.911 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -8.1 dB

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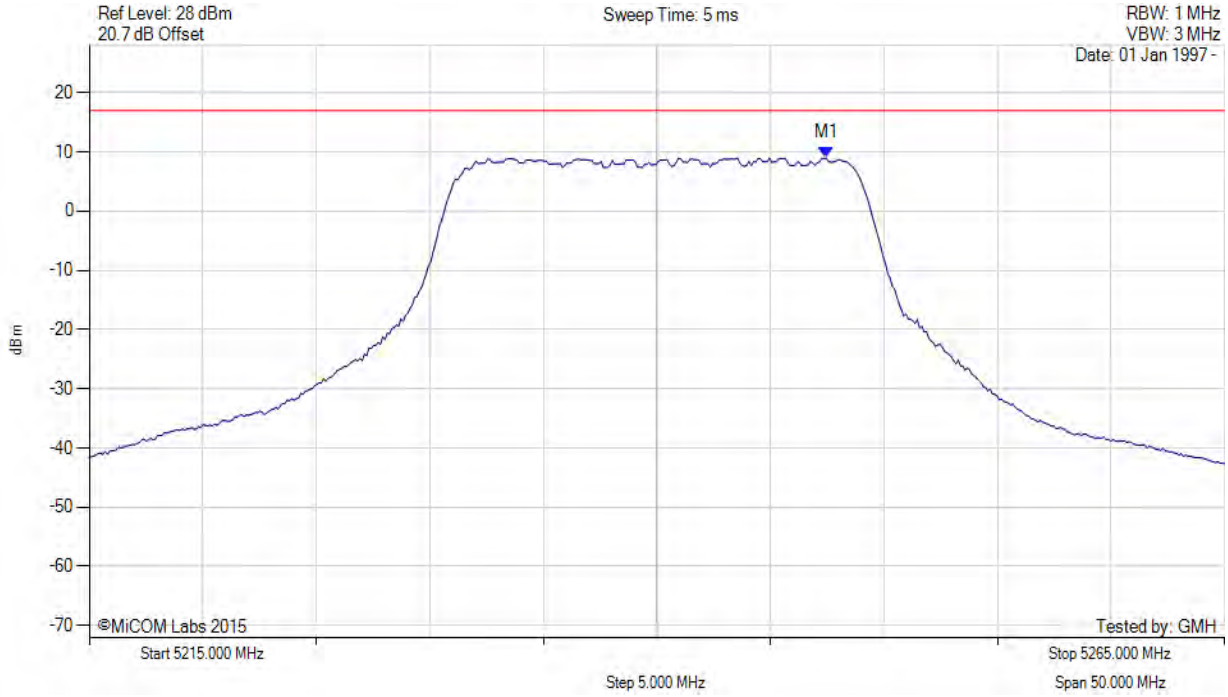
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5247.465 MHz : 8.959 dBm	Limit: ≤ 17.000 dBm

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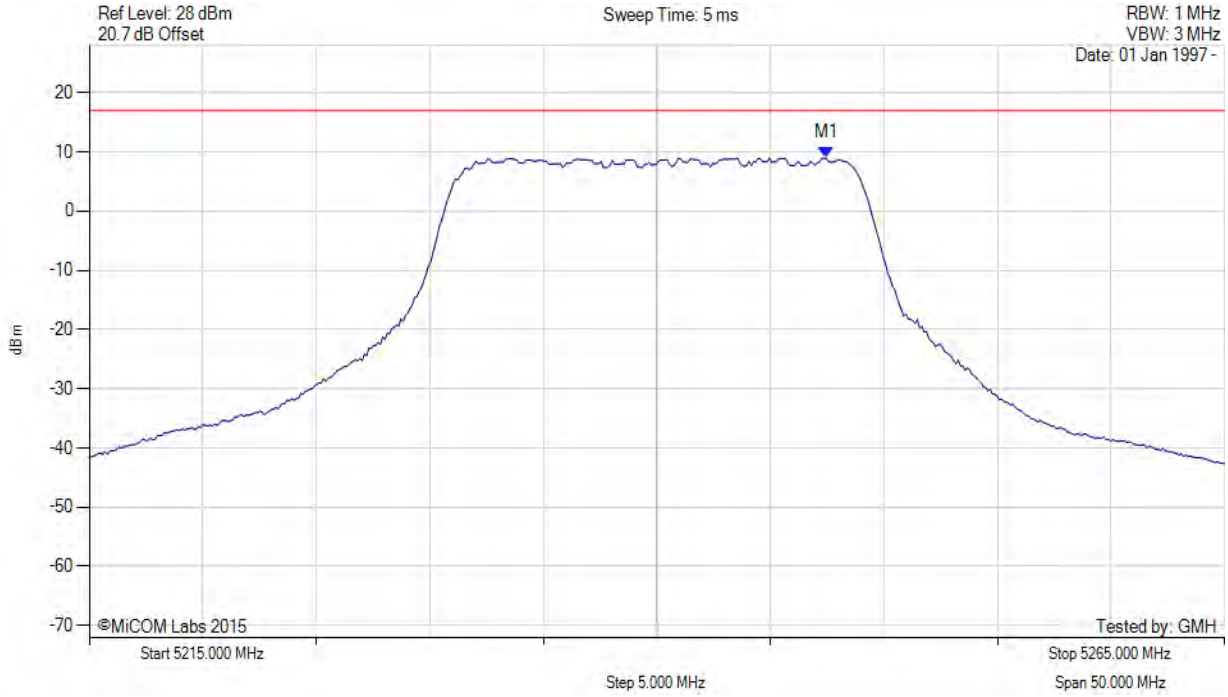
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5247.500 MHz : 8.959 dBm M1 + DCCF : 5247.500 MHz : 9.007 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -8.0 dB

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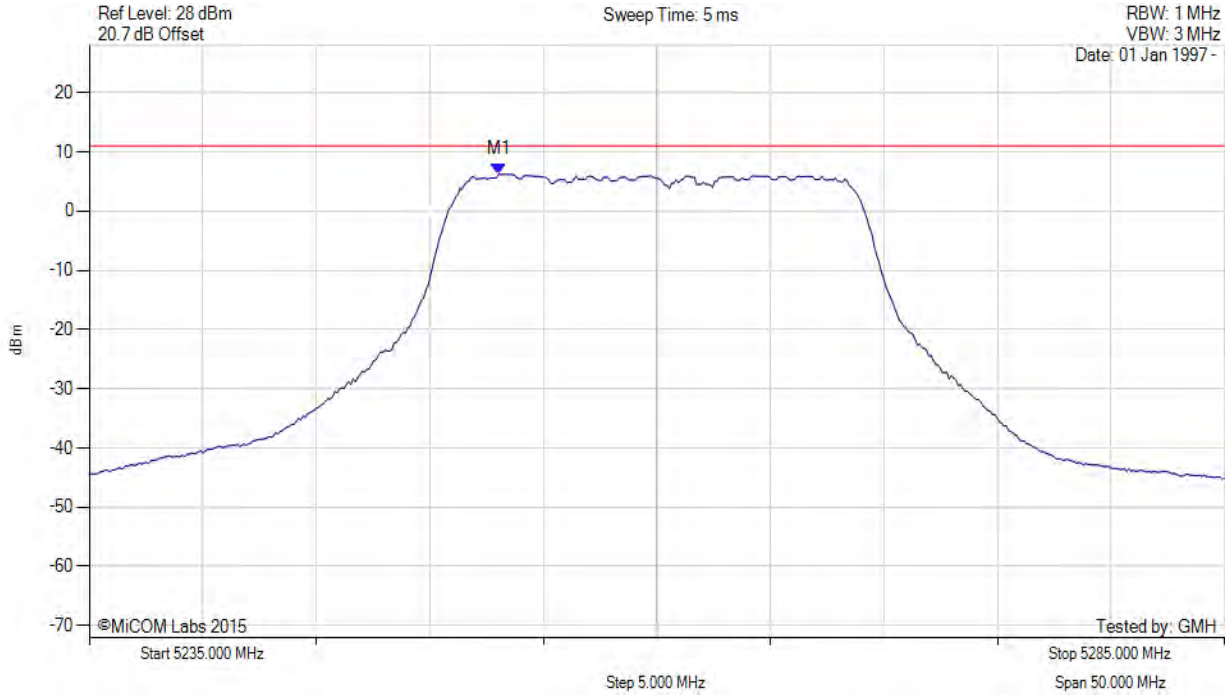
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5253.036 MHz : 6.261 dBm	Limit: ≤ 11.000 dBm

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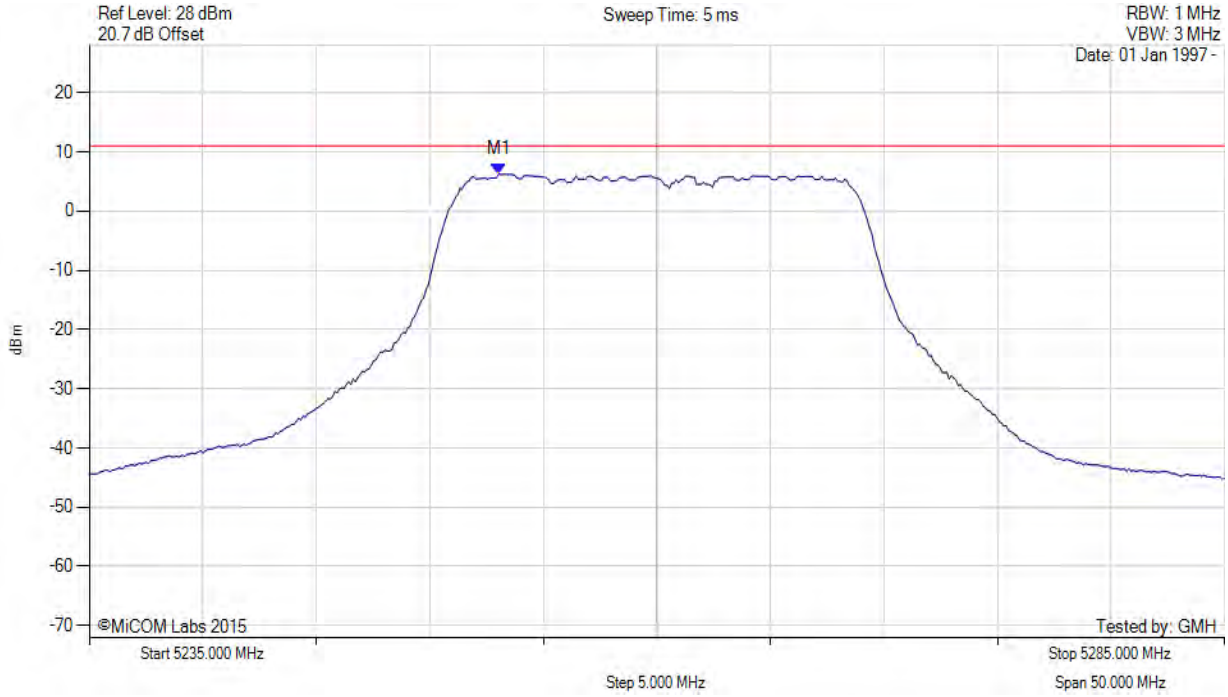
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5253.000 MHz : 6.261 dBm M1 + DCCF : 5253.000 MHz : 6.309 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 11.0 dBm Margin: -4.7 dB

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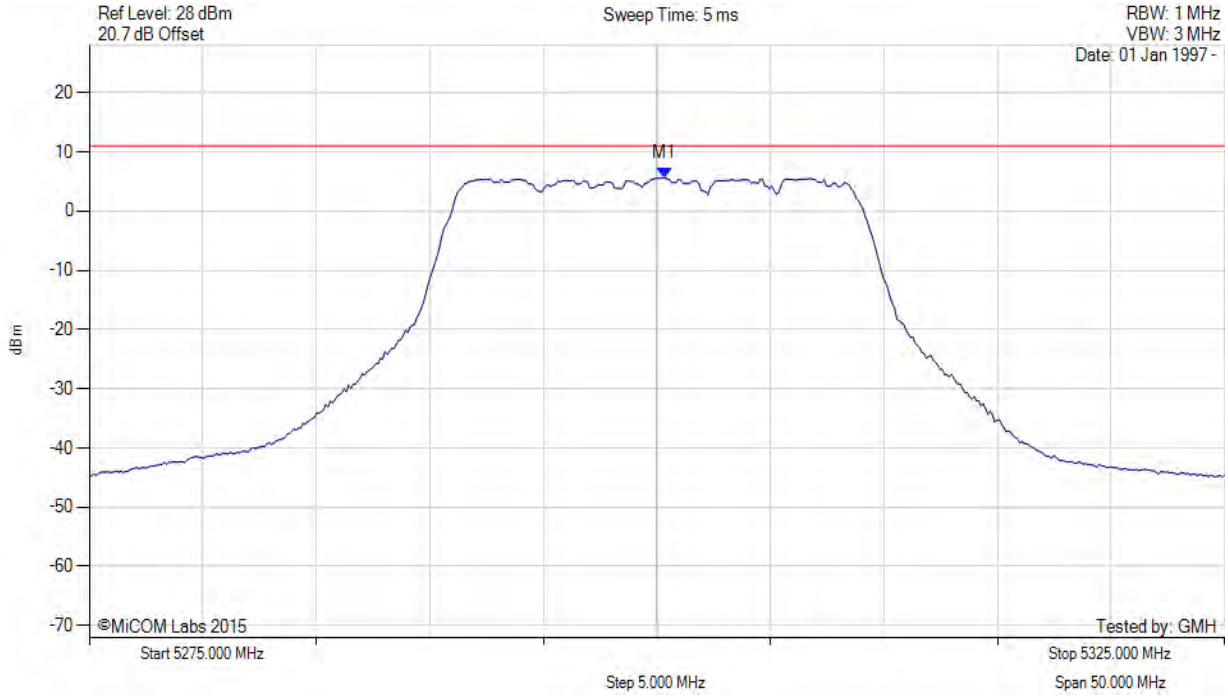
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5300.351 MHz : 5.559 dBm	Limit: ≤ 11.000 dBm

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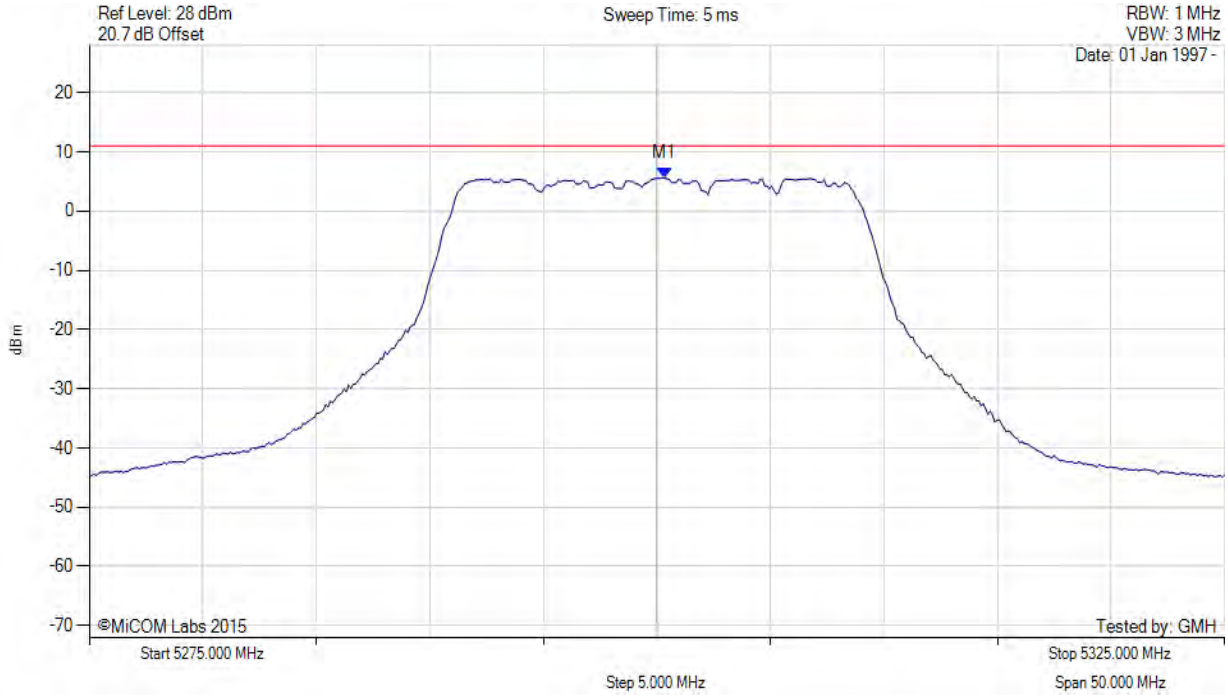
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5300.400 MHz : 5.559 dBm M1 + DCCF : 5300.400 MHz : 5.607 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 11.0 dBm Margin: -5.4 dB

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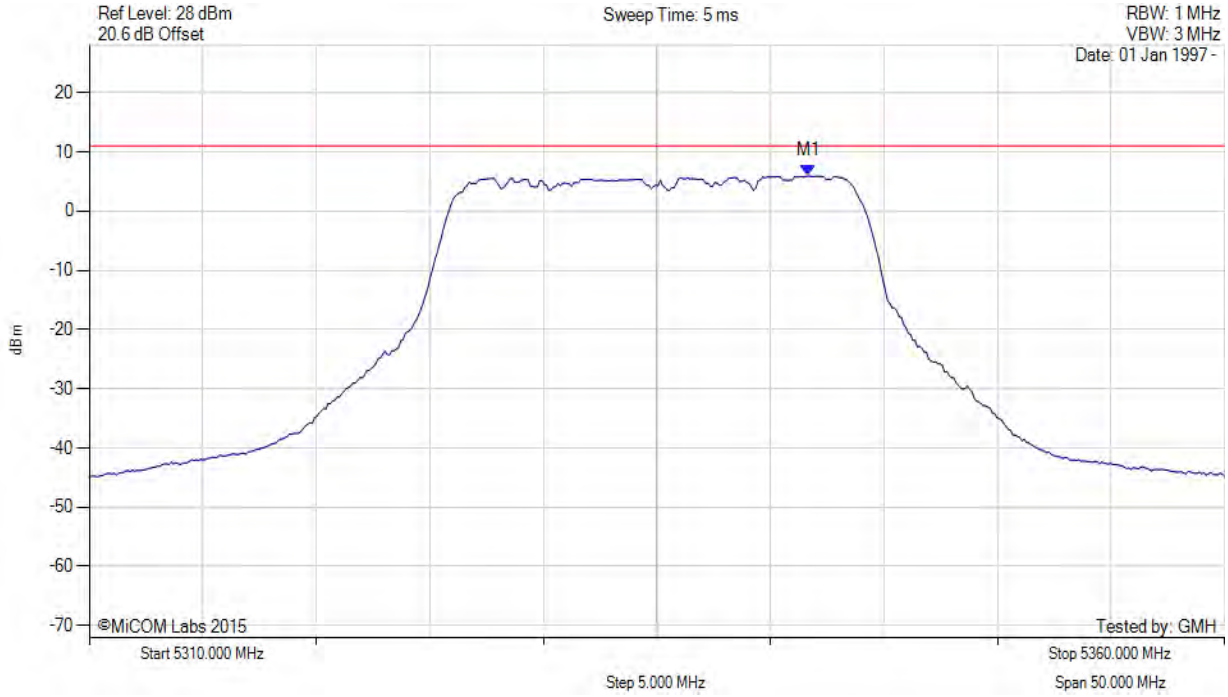
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5335.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



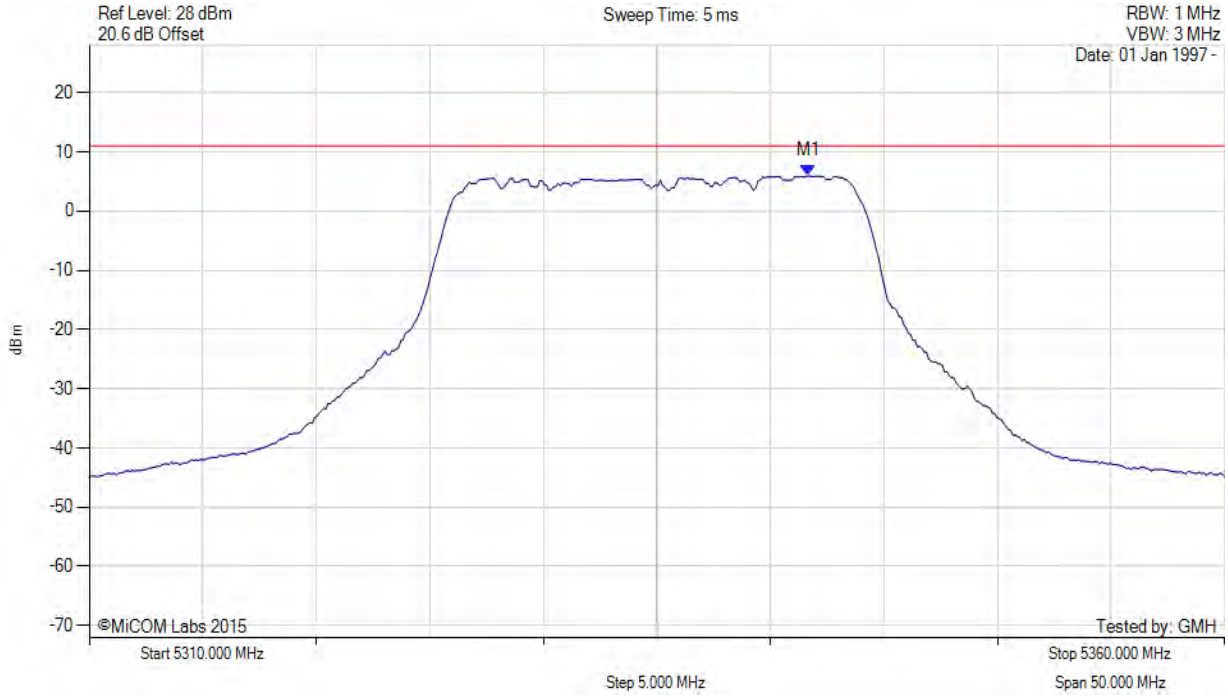
Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.663 MHz : 5.919 dBm	Limit: ≤ 11.000 dBm

back to matrix

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5335.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.700 MHz : 5.919 dBm M1 + DCCF : 5341.700 MHz : 5.967 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 11.0 dBm Margin: -5.0 dB

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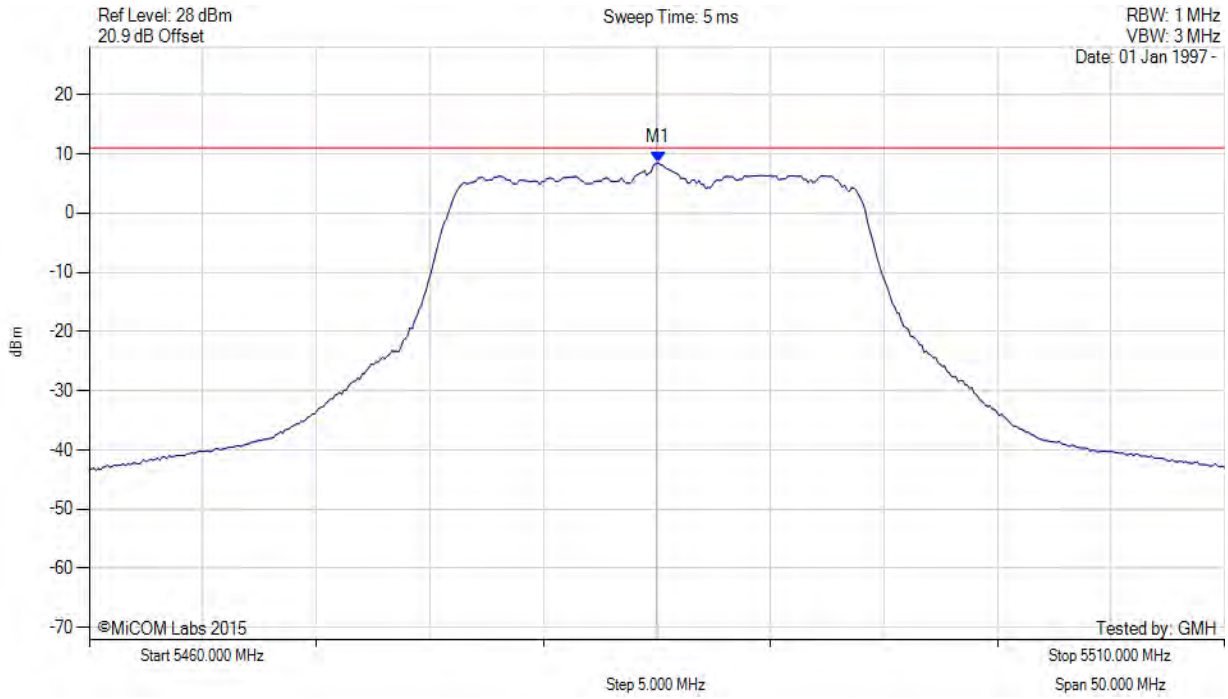
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5485.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5485.050 MHz : 8.508 dBm	Limit: ≤ 11.000 dBm

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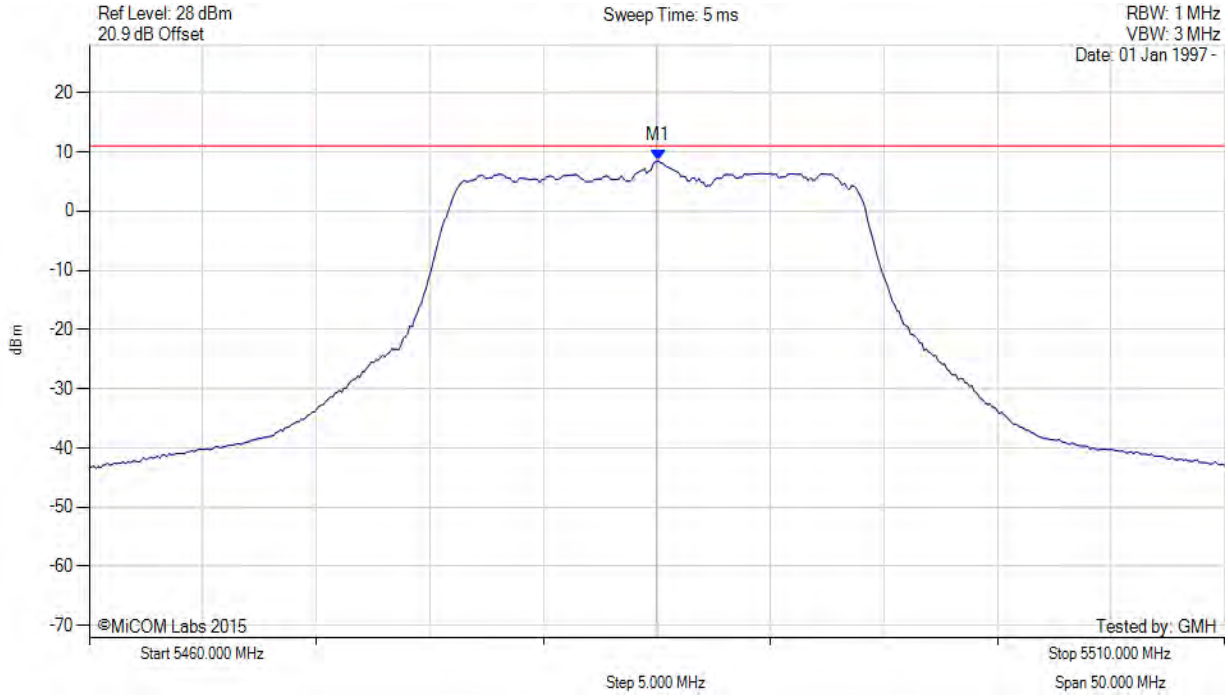
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5485.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5485.100 MHz : 8.508 dBm M1 + DCCF : 5485.100 MHz : 8.556 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 11.0 dBm Margin: -2.4 dB

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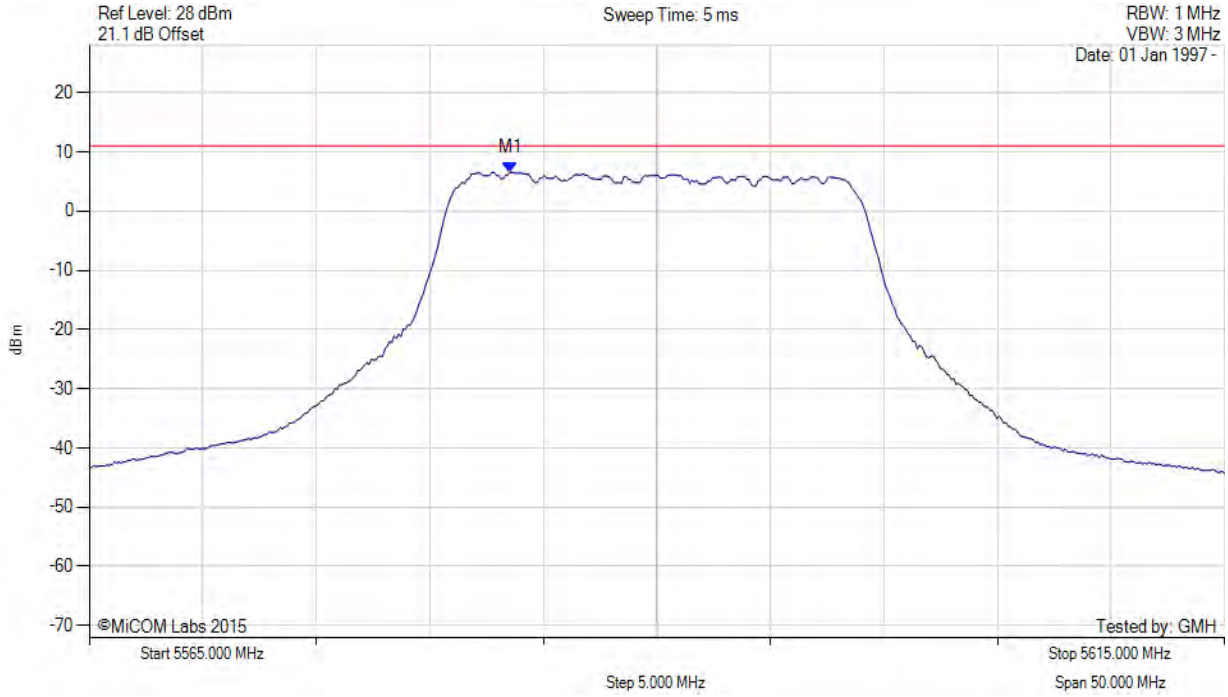
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5590.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5583.537 MHz : 6.552 dBm	Limit: ≤ 11.000 dBm

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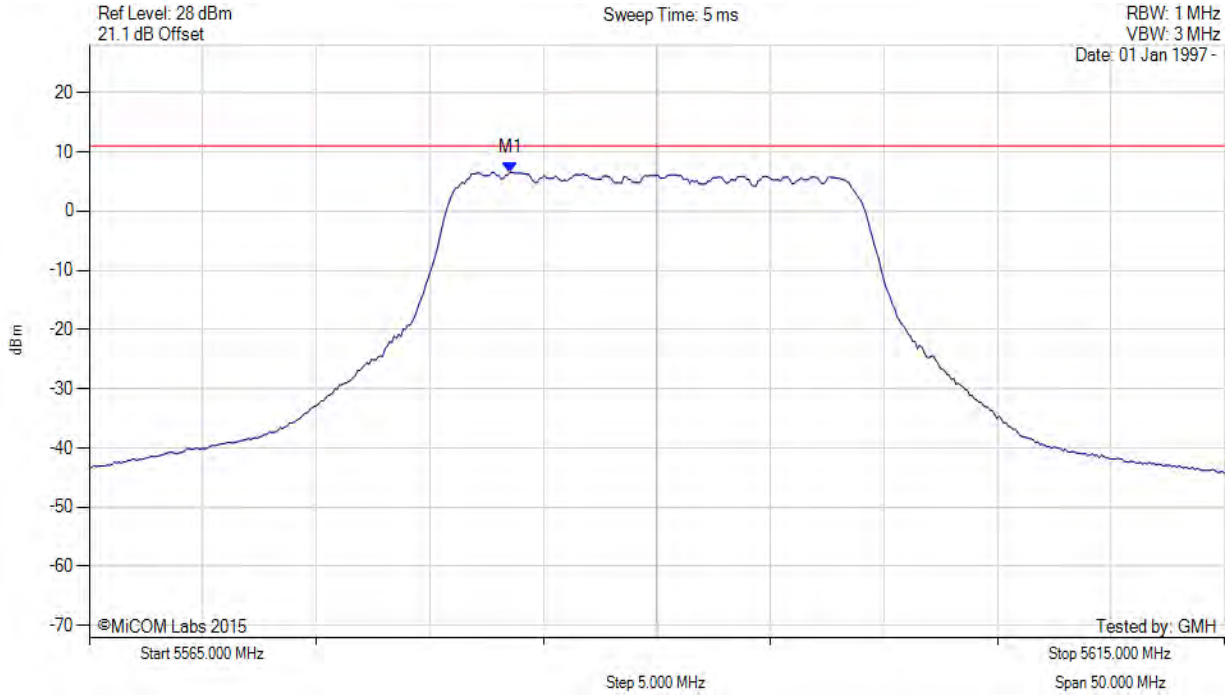
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5590.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5583.500 MHz : 6.552 dBm M1 + DCCF : 5583.500 MHz : 6.600 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 11.0 dBm Margin: -4.4 dB

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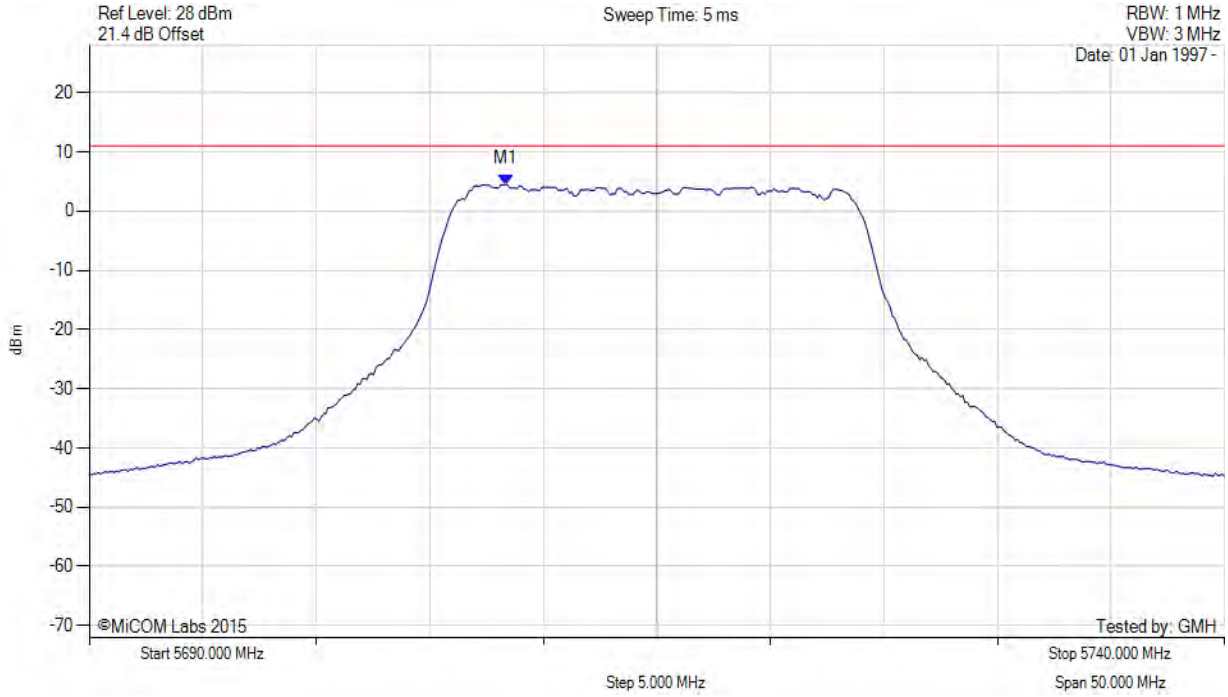
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5715.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5708.337 MHz : 4.474 dBm	Limit: ≤ 11.000 dBm

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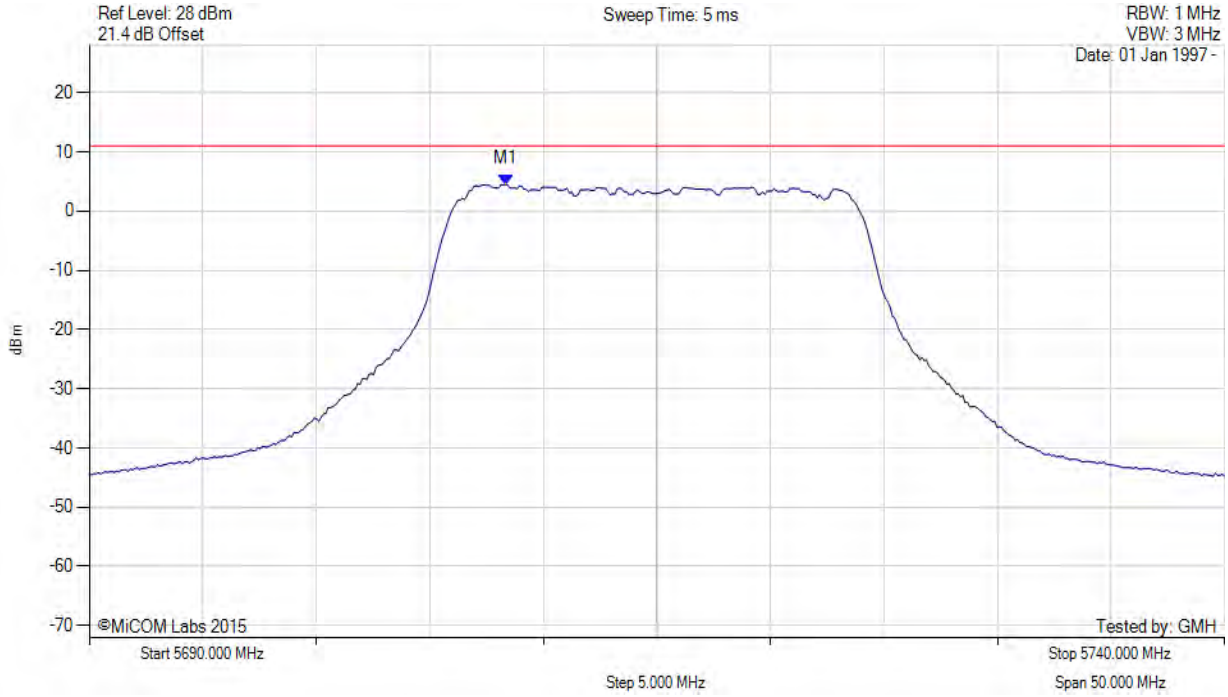
POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5715.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5708.300 MHz : 4.474 dBm M1 + DCCF : 5708.300 MHz : 4.522 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 11.0 dBm Margin: -6.5 dB

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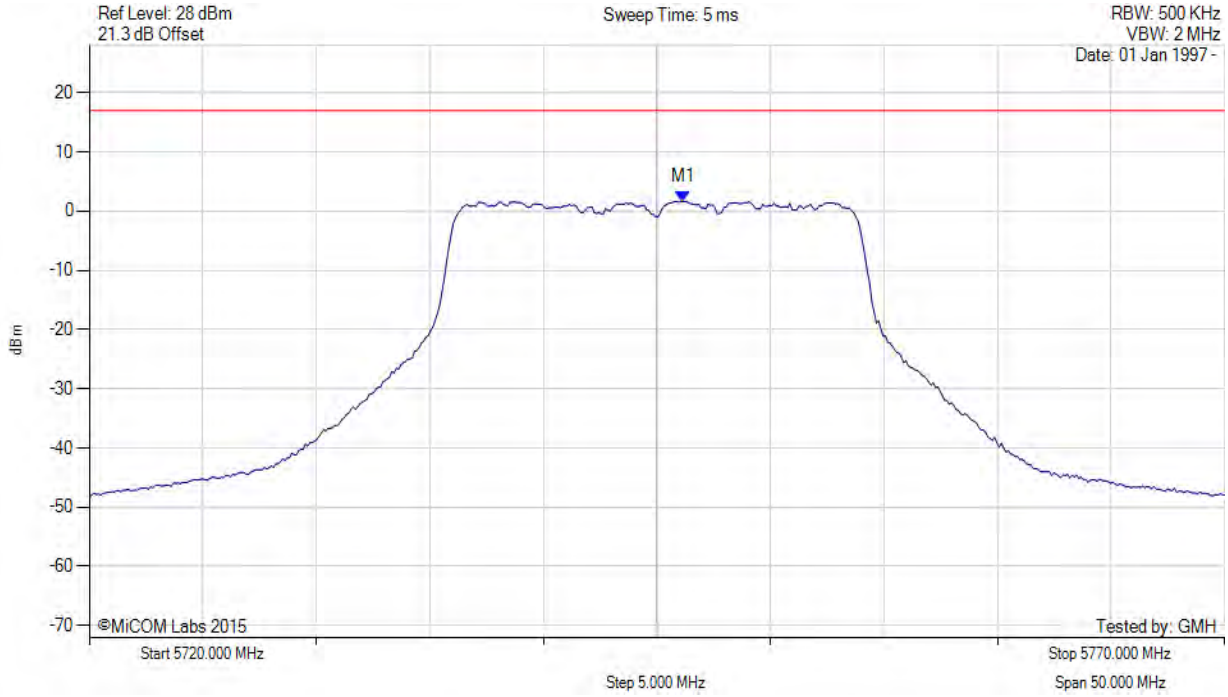
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5746.152 MHz : 1.621 dBm	Limit: ≤ 17.000 dBm

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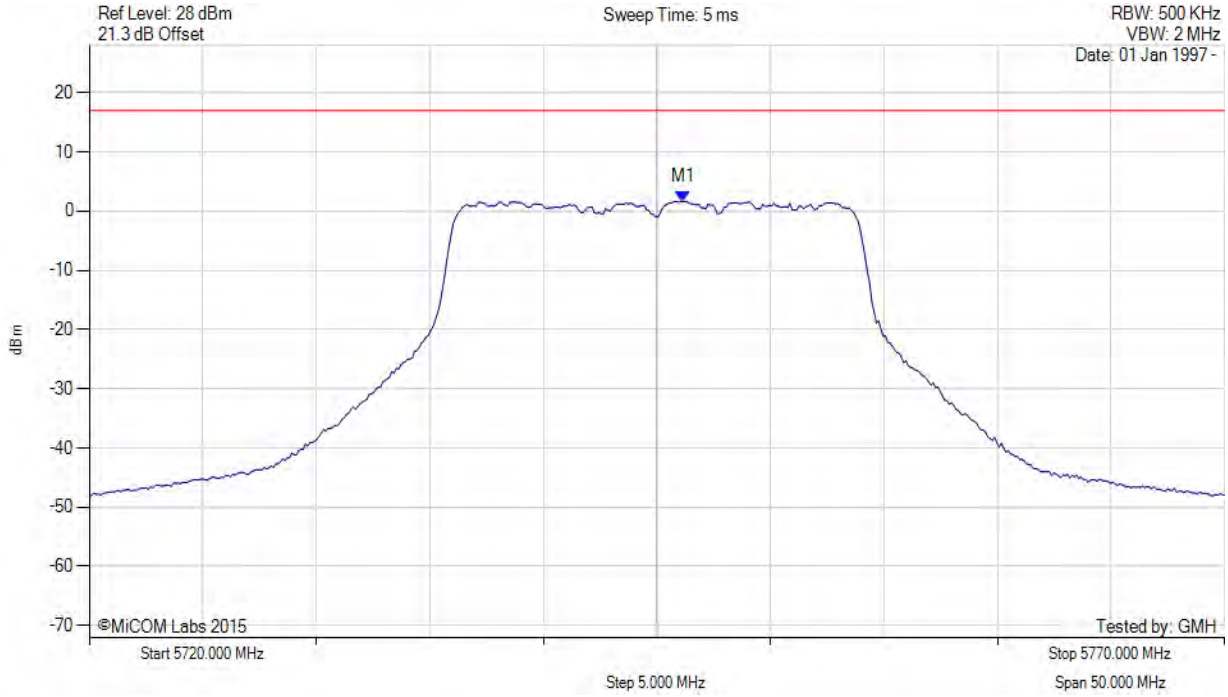
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5746.200 MHz : 1.621 dBm M1 + DCCF : 5746.200 MHz : 1.669 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -15.3 dB

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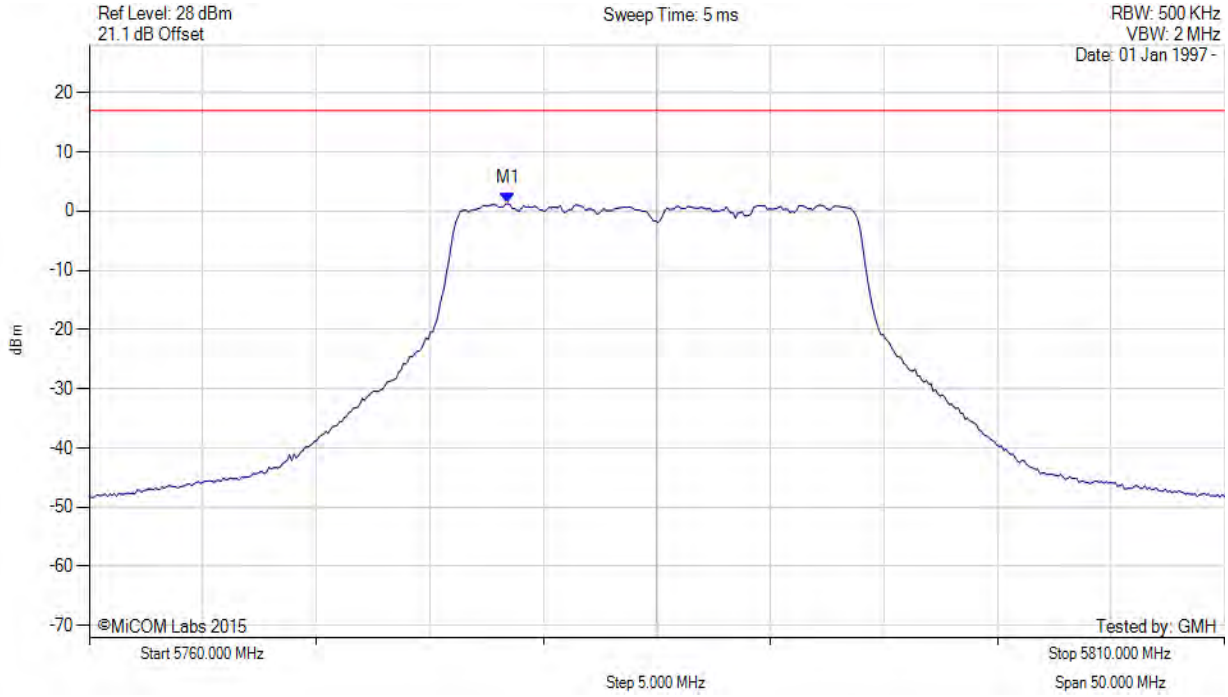
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5778.437 MHz : 1.242 dBm	Limit: ≤ 17.000 dBm

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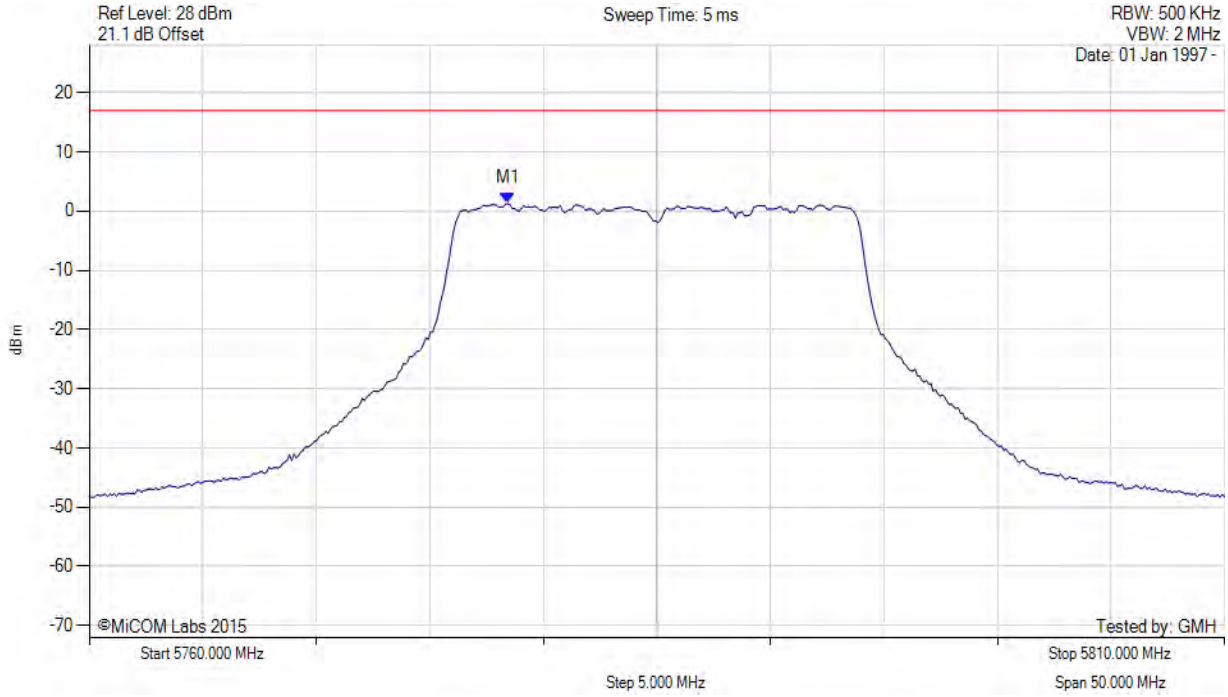
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5778.400 MHz : 1.242 dBm M1 + DCCF : 5778.400 MHz : 1.290 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -15.7 dB

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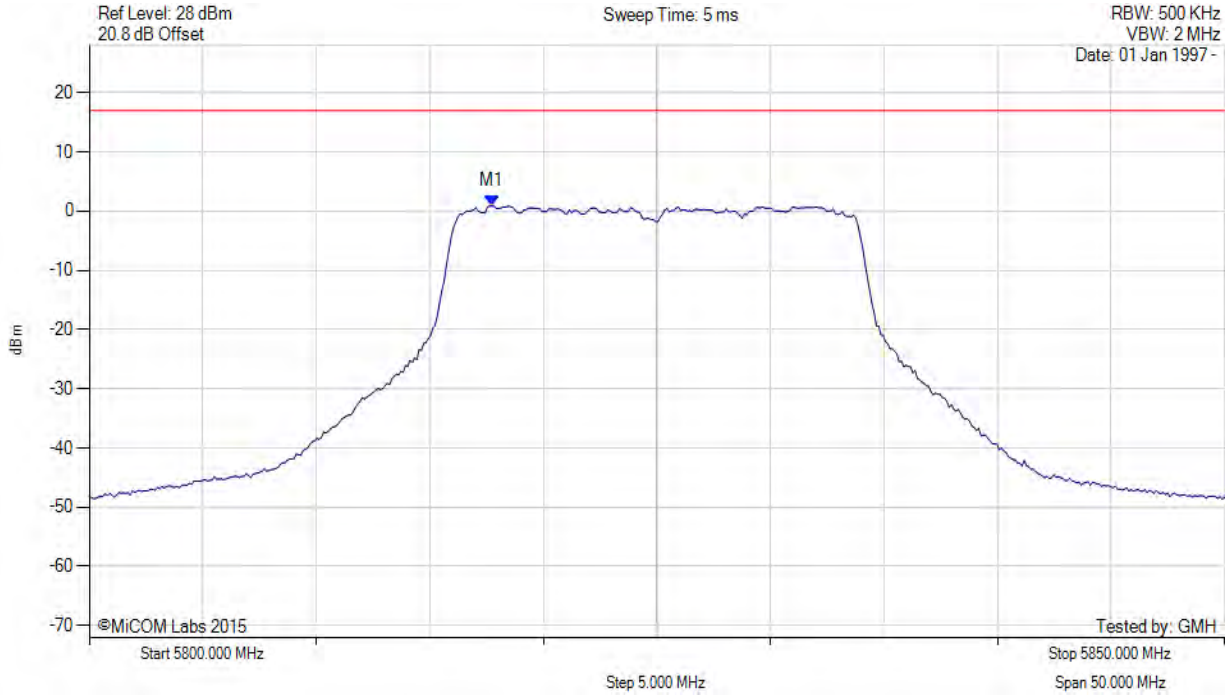
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5817.735 MHz : 0.883 dBm	Limit: ≤ 17.000 dBm

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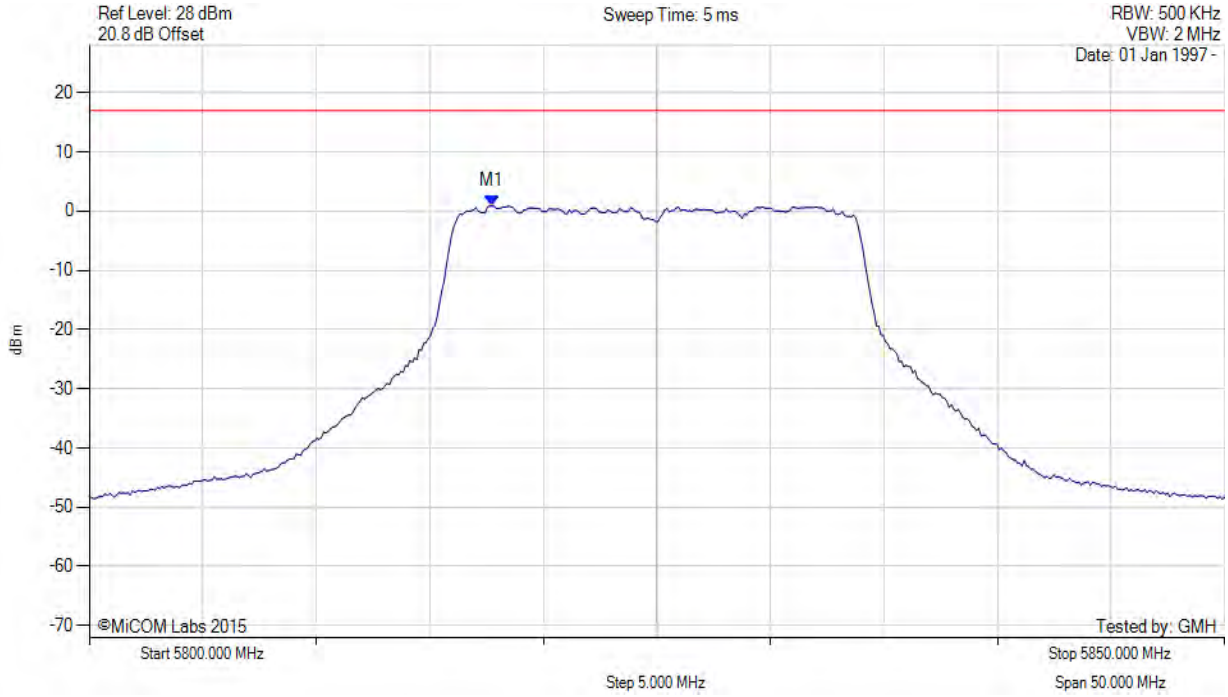
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5817.700 MHz : 0.883 dBm M1 + DCCF : 5817.700 MHz : 0.931 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -16.1 dB

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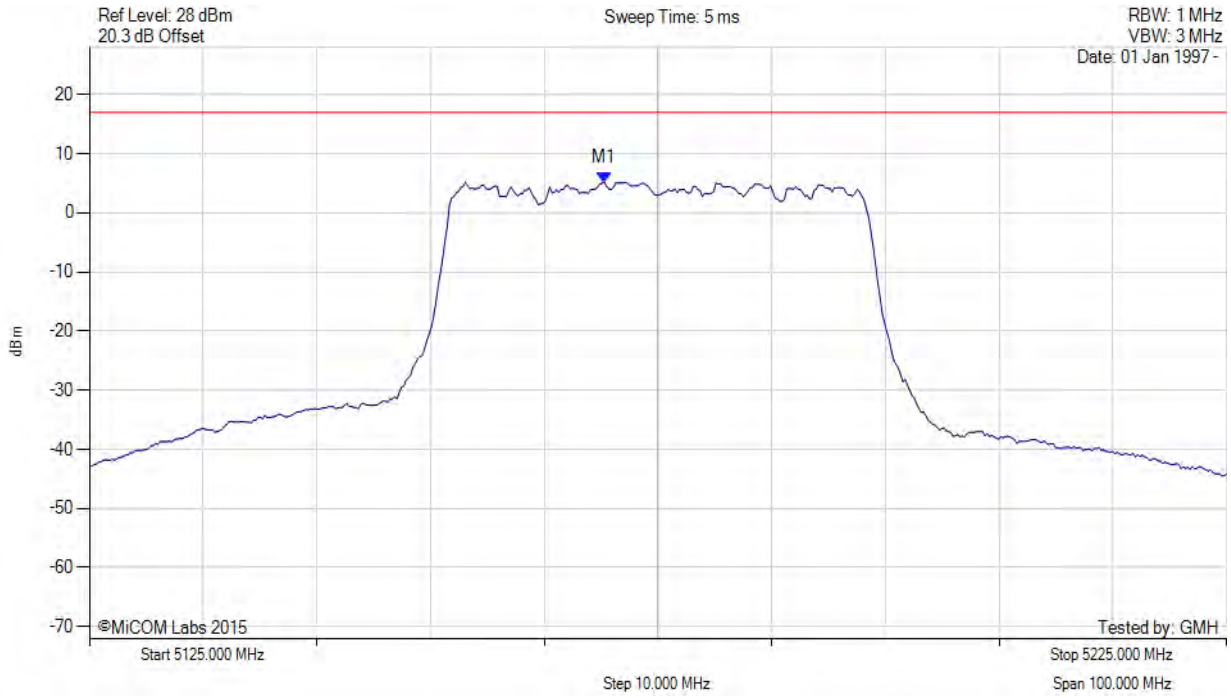
POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5175.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5170.291 MHz : 5.135 dBm	Limit: ≤ 17.000 dBm

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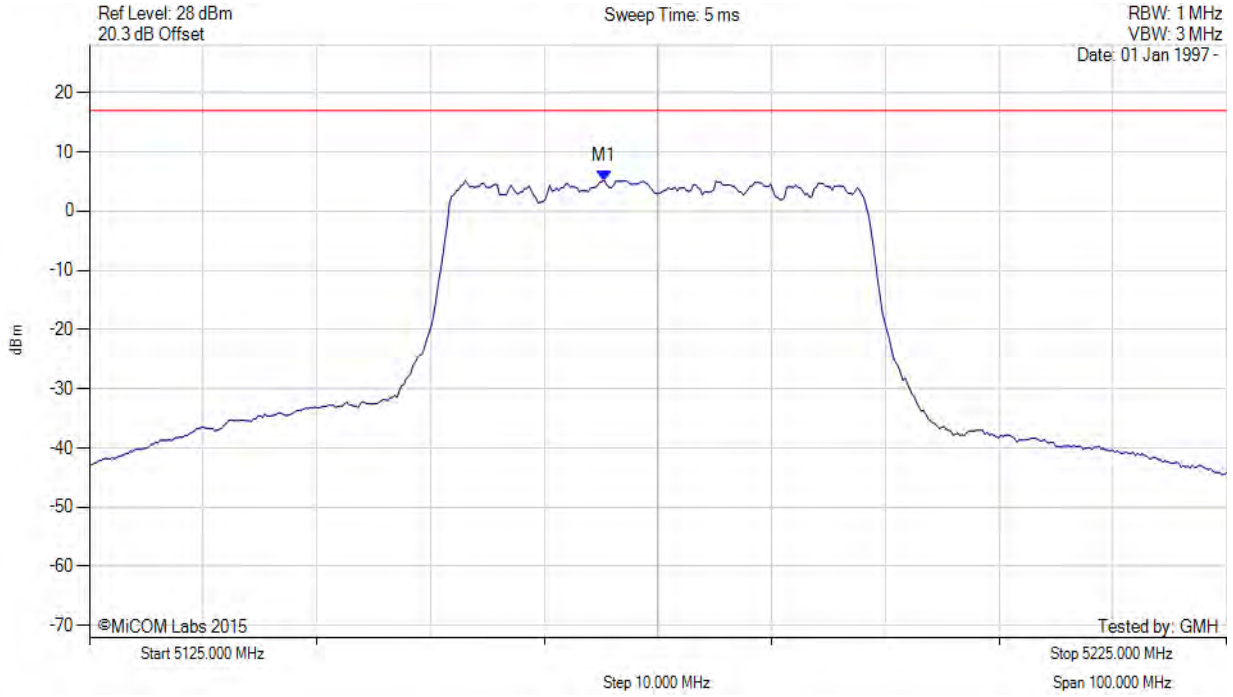
POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5175.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5170.300 MHz : 5.135 dBm M1 + DCCF : 5170.300 MHz : 5.263 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 17.0 dBm Margin: -11.7 dB

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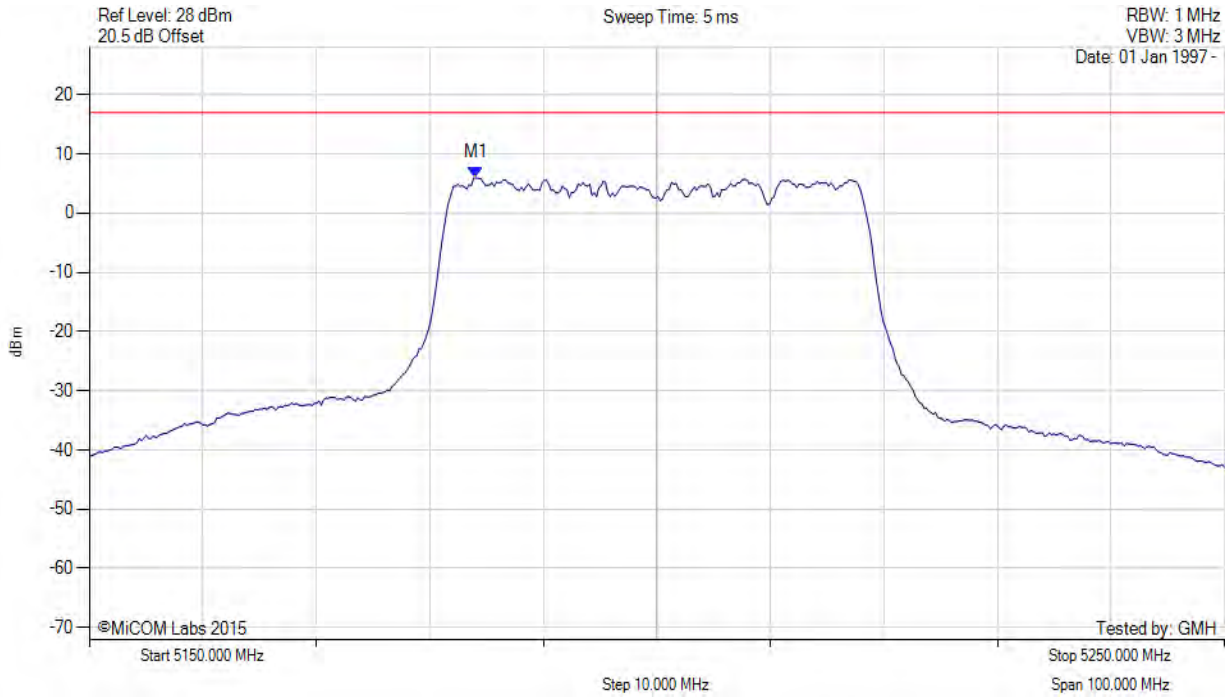
POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5184.068 MHz : 5.944 dBm	Limit: ≤ 17.000 dBm

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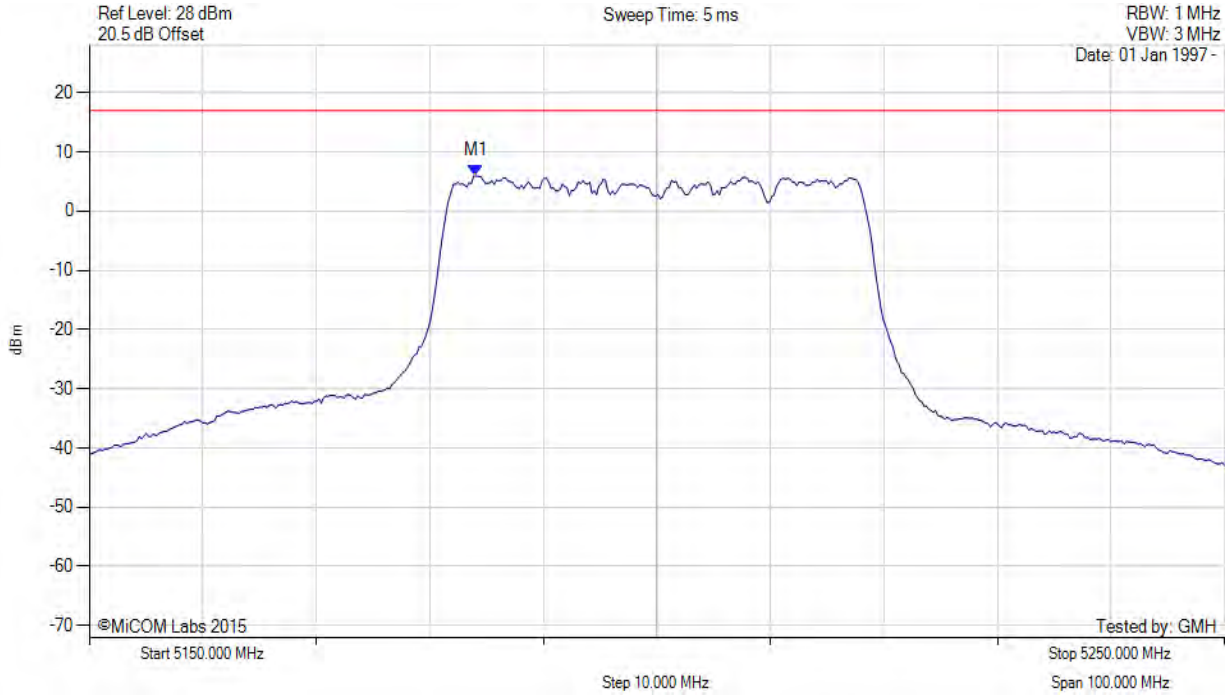
POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5200.00 MHz, SUM, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5184.100 MHz : 5.944 dBm M1 + DCCF : 5184.100 MHz : 6.072 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 17.0 dBm Margin: -10.9 dB

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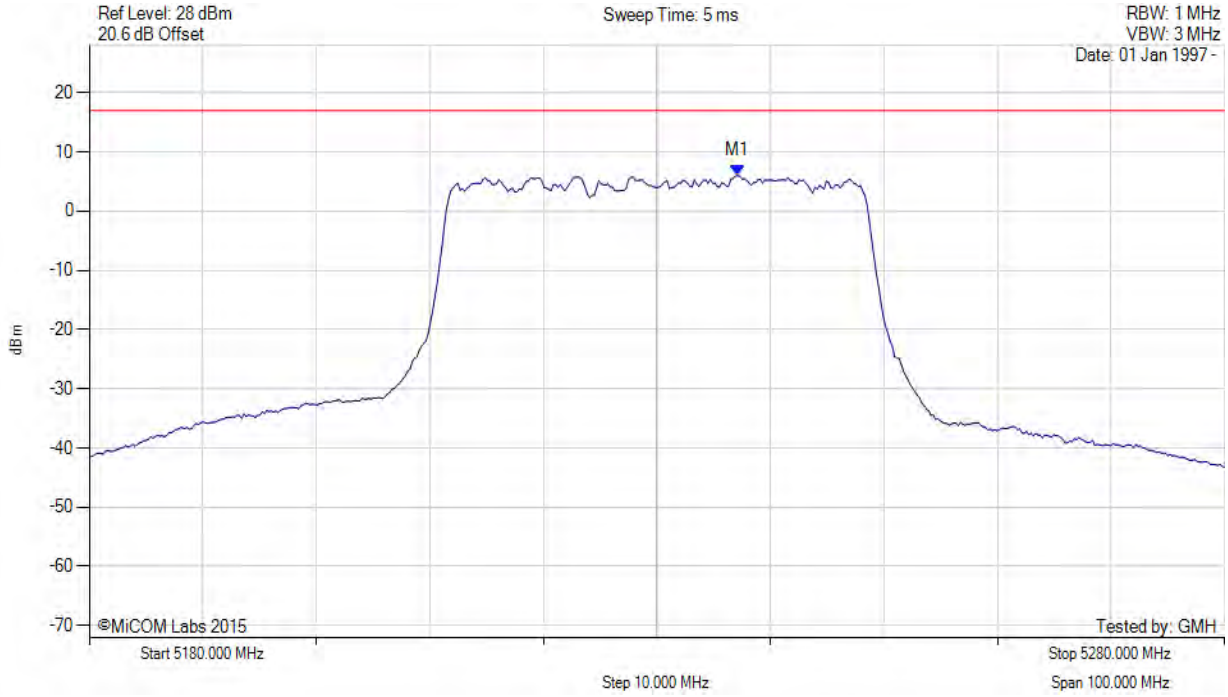
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5237.114 MHz : 5.993 dBm	Limit: ≤ 17.000 dBm

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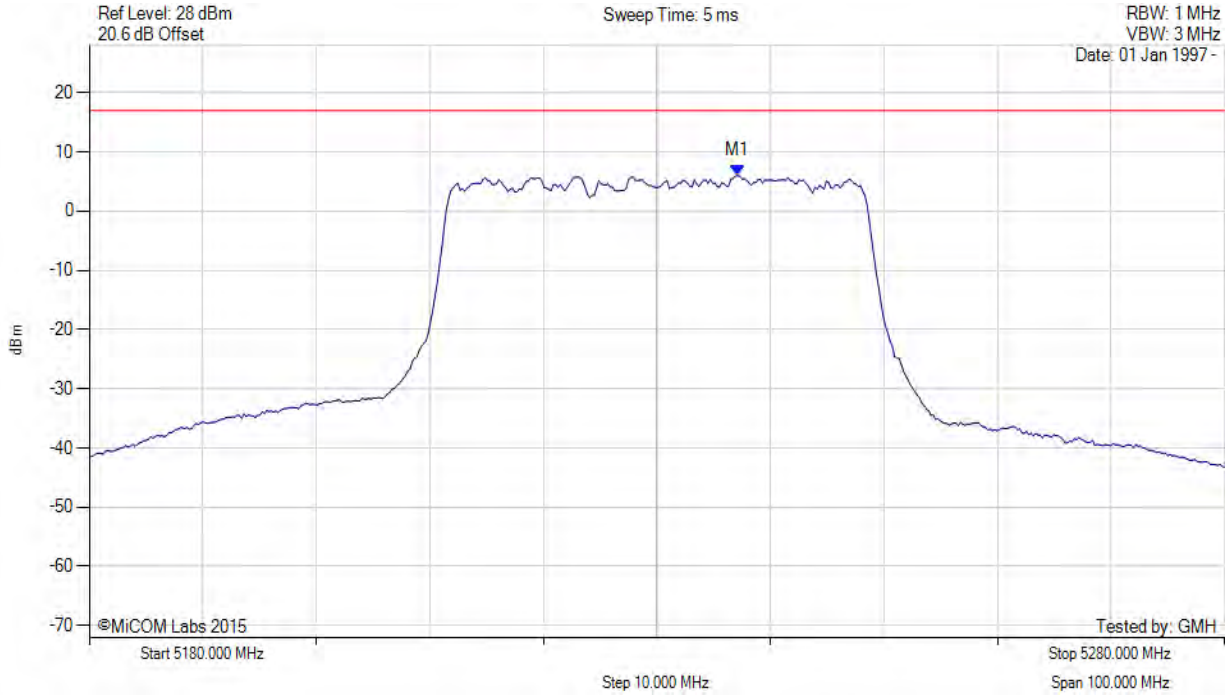
POWER SPECTRAL DENSITY

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



Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5237.100 MHz : 5.993 dBm M1 + DCCF : 5237.100 MHz : 6.121 dBm Duty Cycle Correction Factor : +0.13 dB	Limit: ≤ 17.0 dBm Margin: -10.9 dB

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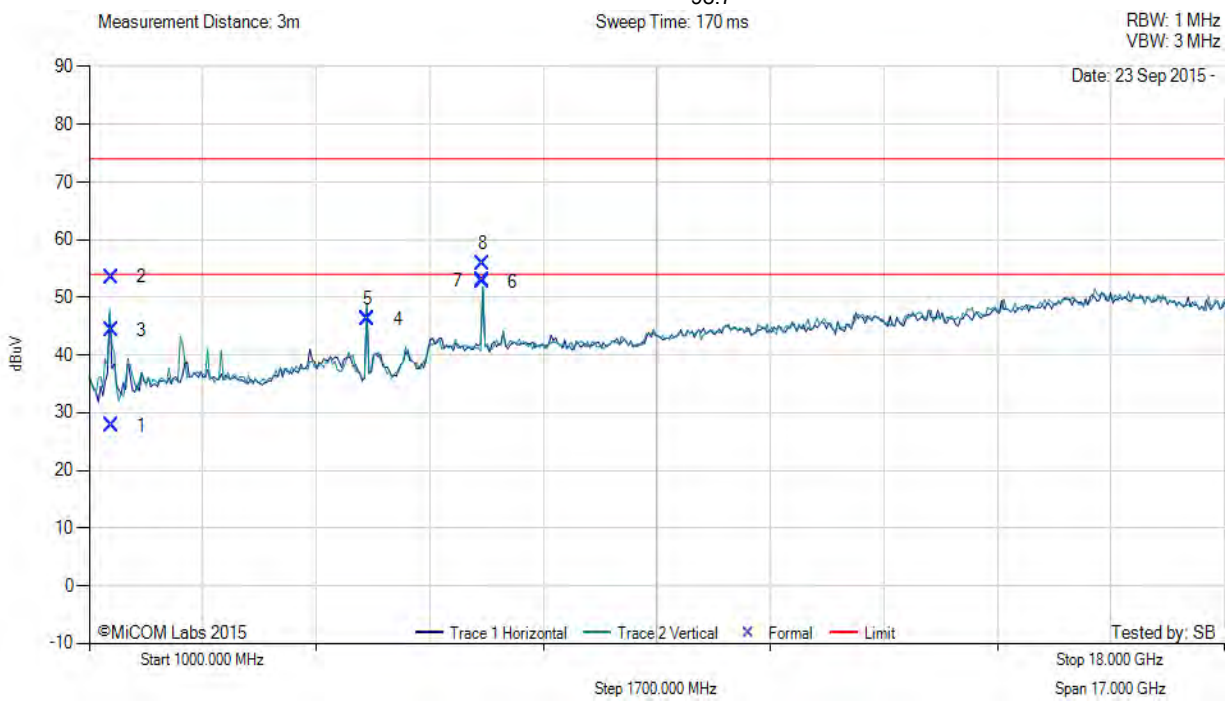
A.3. Radiated

A.3.1. Restricted Band Emissions

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5165.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



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	1326.10	40.49	2.24	-14.98	27.75	Max Avg	Vertical	148	164	54.0	26.3	Pass
2	1326.10	66.30	2.24	-14.98	53.56	Max Peak	Vertical	148	164	74.0	-20.4	Pass
3	1326.10	57.08	2.24	-14.98	44.34	Peak (Scan)	Vertical	148	1	--	--	
4	5171.74	54.06	3.70	-11.53	46.23	Peak (Scan)	Vertical	148	1	--	--	
5	5171.74	54.06	3.70	-11.53	46.23	Fundamental	Vertical	148	1	--	--	
6	6886.62	56.10	4.11	-7.59	52.62	Peak (Scan)	Vertical	151	1	--	--	
7	6886.62	56.37	4.11	-7.59	52.89	Max Avg	Vertical	147	349	54.0	1.1	Pass
8	6886.62	59.24	4.11	-7.59	55.76	Max Peak	Vertical	147	349	74.0	-18.2	Pass

Test Notes: laptop & poe inside chamber

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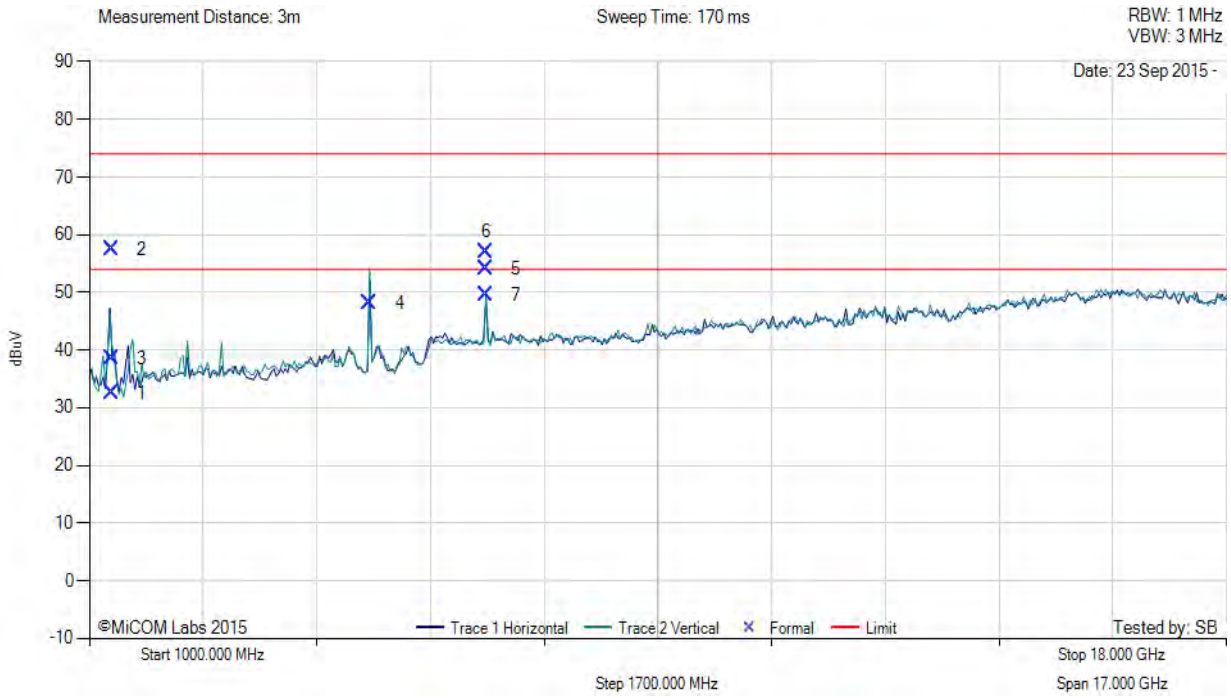
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



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	1330.90	45.35	2.24	-15.02	32.57	Max Avg	Horizontal	102	294	54.0	21.4	Pass
2	1330.90	70.25	2.24	-15.02	57.47	Max Peak	Horizontal	102	294	74.0	-16.5	Pass
3	1330.90	51.28	2.24	-15.02	38.50	Peak (Scan)	Horizontal	100	1	--	--	
4	5194.19	55.99	3.67	-11.47	48.19	Fundamental	Vertical	151	1	--	--	
5	6933.35	57.48	4.11	-7.49	54.10	Max Avg	Vertical	136	12	54.0	-0.1	Pass
6	6933.35	60.33	4.11	-7.49	56.95	Max Peak	Vertical	136	12	74.0	-17.1	Pass
7	6933.35	52.96	4.11	-7.49	49.58	Peak (Scan)	Vertical	100	1	--	--	

Test Notes: laptop & poe inside chamber

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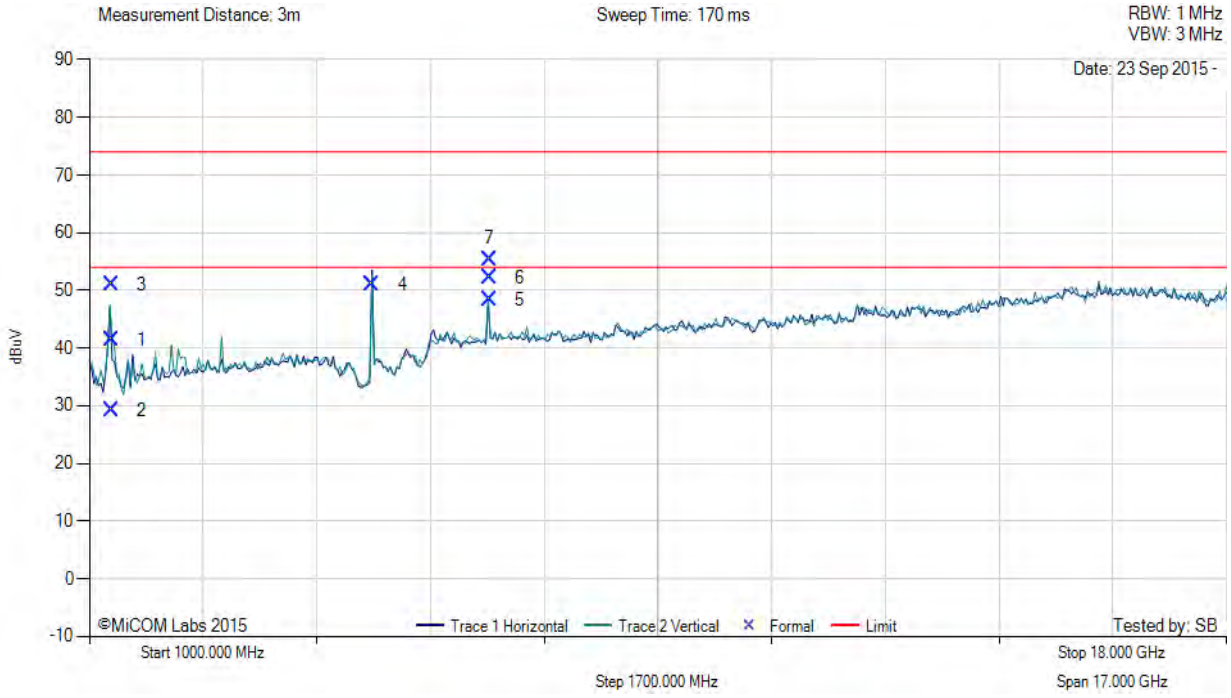
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



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	1327.38	54.09	2.25	-14.99	41.35	Peak (Scan)	Vertical	148	1	--	--	
2	1327.38	41.94	2.25	-14.99	29.20	Max Avg	Vertical	100	134	54.0	24.8	Pass
3	1327.38	63.70	2.25	-14.99	50.96	Max Peak	Vertical	100	134	74.0	-23.0	Pass
4	5230.66	58.75	3.64	-11.39	51.00	Fundamental	Horizontal	151	1	--	--	
5	6980.00	51.74	4.14	-7.45	48.43	Peak (Scan)	Vertical	151	1	--	--	
6	6980.00	55.45	4.14	-7.45	52.14	Max Avg	Vertical	139	356	54.0	1.9	Pass
7	6980.00	58.72	4.14	-7.45	55.41	Max Peak	Vertical	139	356	74.0	-18.6	Pass

Test Notes: laptop & poe inside chamber

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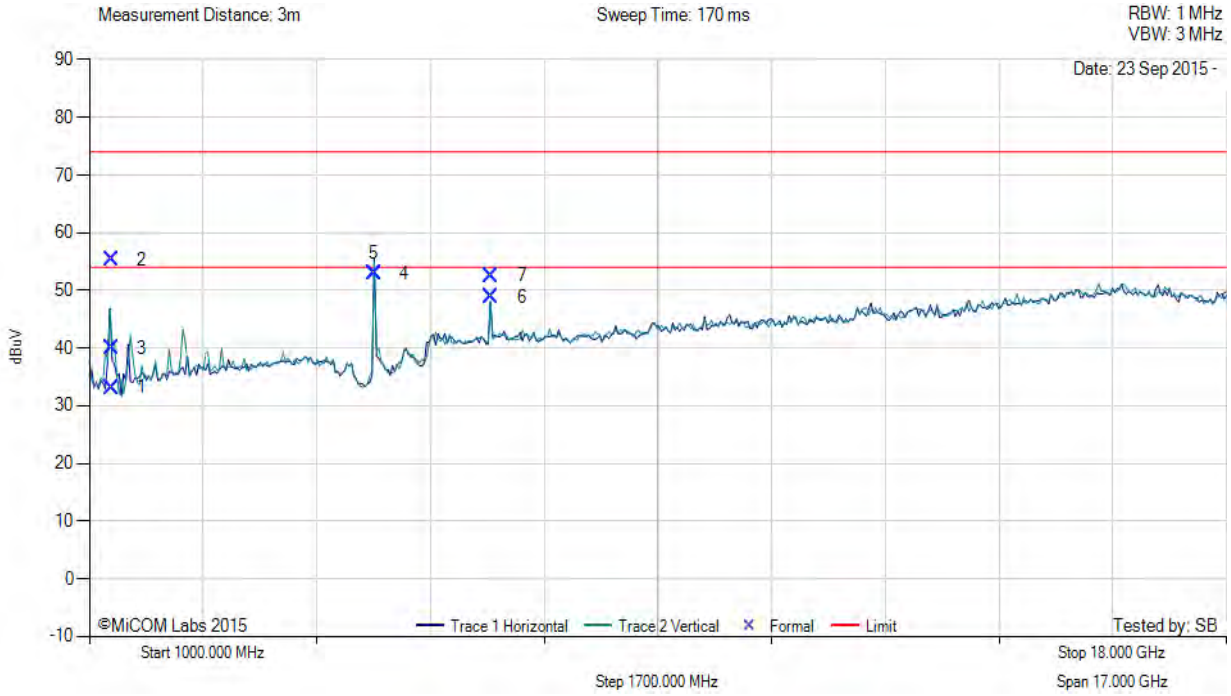
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5260.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



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	1329.78	45.89	2.25	-15.01	33.13	Max Avg	Horizontal	100	292	54.0	20.9	Pass
2	1329.78	68.05	2.25	-15.01	55.29	Max Peak	Horizontal	100	292	74.0	-18.7	Pass
3	1329.78	52.67	2.25	-15.01	39.91	Peak (Scan)	Horizontal	151	1	--	--	
4	5255.67	60.55	3.64	-11.31	52.88	Peak (Scan)	Horizontal	148	1	--	--	
5	5255.67	60.55	3.64	-11.31	52.88	Fundamental	Horizontal	148	1	--	--	
6	7013.42	52.06	4.18	-7.42	48.82	Max Avg	Horizontal	136	1	54.0	5.2	Pass
7	7013.42	55.84	4.18	-7.42	52.60	Max Peak	Horizontal	136	1	74.0	-21.4	Pass

Test Notes: laptop & poe inside chamber

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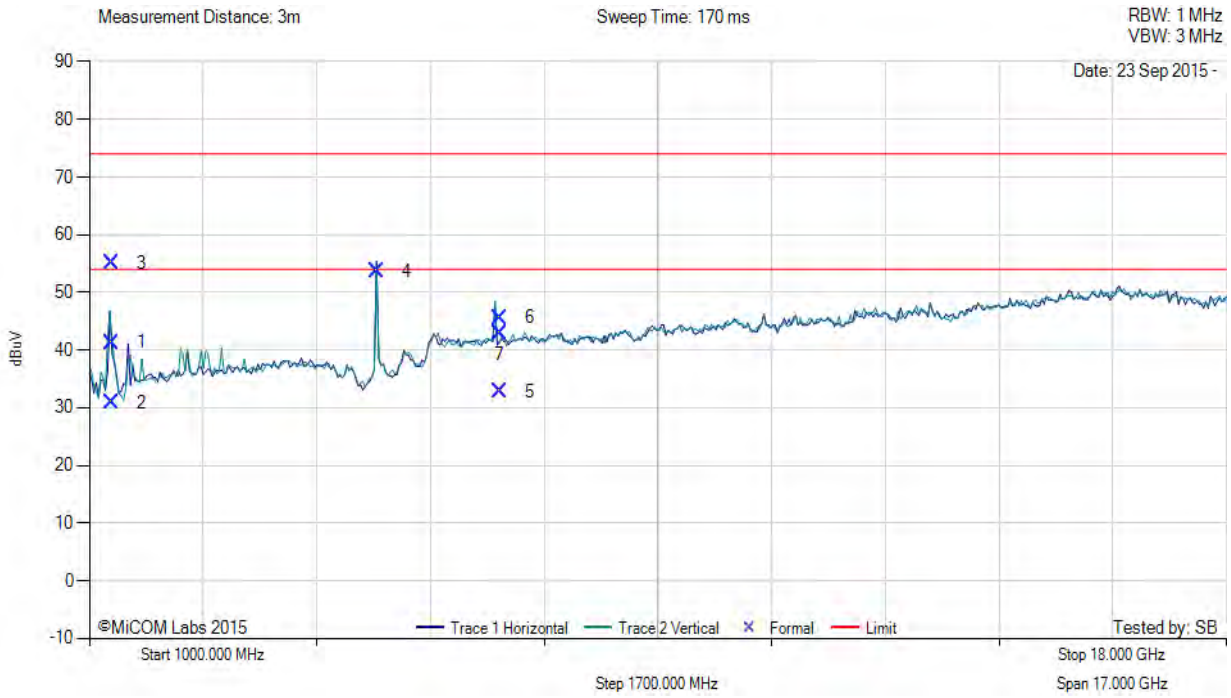
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5300.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



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	1332.00	54.05	2.24	-15.03	41.26	Peak (Scan)	Horizontal	148	1	--	--	
2	1332.00	43.65	2.24	-15.03	30.86	Max Avg	Horizontal	108	295	54.0	23.1	Pass
3	1332.00	67.93	2.24	-15.03	55.14	Max Peak	Horizontal	108	295	74.0	-18.9	Pass
4	5294.47	60.99	3.78	-11.12	53.65	Fundamental	Horizontal	151	1	--	--	
5	7134.05	35.96	4.17	-7.36	32.77	Max Avg	Vertical	142	284	54.0	21.2	Pass
6	7134.05	48.76	4.17	-7.36	45.57	Max Peak	Vertical	142	284	74.0	-28.4	Pass
7	7134.05	46.00	4.17	-7.36	42.81	Peak (Scan)	Vertical	113	112	--	--	

Test Notes: laptop & poe inside chamber

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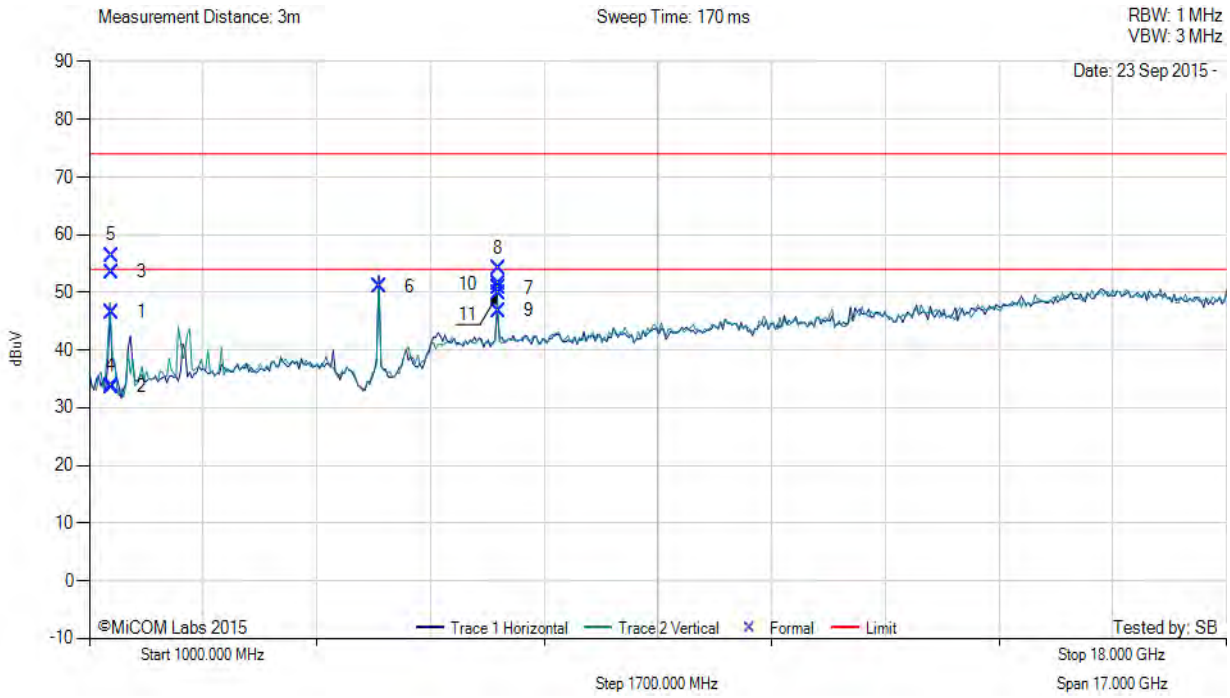
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5335.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



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	1329.14	59.29	2.25	-15.01	46.53	Peak (Scan)	Vertical	100	1	--	--	
2	1329.14	46.37	2.25	-15.01	33.61	Max Avg	Vertical	100	140	54.0	20.4	Pass
3	1329.14	66.29	2.25	-15.01	53.53	Max Peak	Vertical	100	140	74.0	-20.5	Pass
4	1329.14	46.46	2.25	-15.01	33.70	Max Avg	Horizontal	109	293	54.0	20.3	Pass
5	1329.14	69.18	2.25	-15.01	56.42	Max Peak	Horizontal	109	293	74.0	-17.6	Pass
6	5330.06	58.41	3.69	-11.05	51.05	Fundamental	Horizontal	151	1	--	--	
7	7113.31	53.86	4.19	-7.34	50.71	Max Avg	Vertical	146	5	54.0	3.3	Pass
8	7113.31	57.26	4.19	-7.34	54.11	Max Peak	Vertical	146	5	74.0	-19.9	Pass
9	7113.31	49.99	4.19	-7.34	46.84	Max Avg	Horizontal	108	27	54.0	7.2	Pass
10	7113.31	54.61	4.19	-7.34	51.46	Max Peak	Horizontal	108	27	74.0	-22.5	Pass
11	7113.31	52.96	4.19	-7.34	49.81	Peak (Scan)	Vertical	151	1	--	--	

Test Notes: laptop & poe inside chamber

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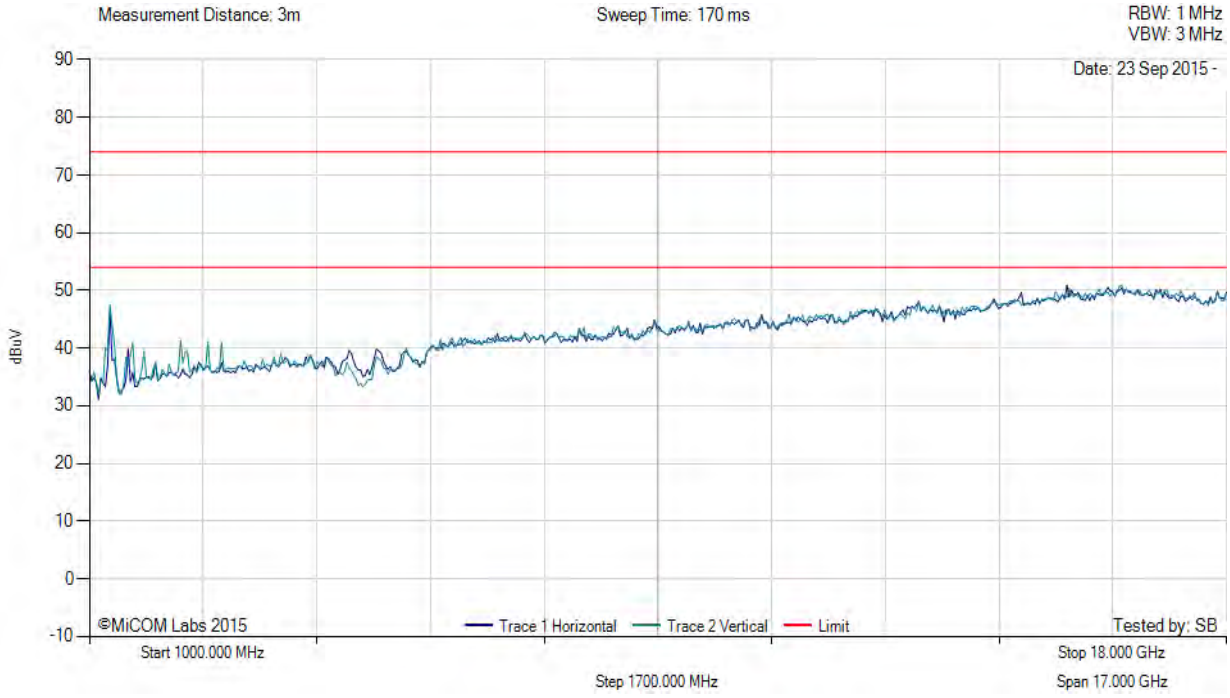
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5485.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 16, Duty Cycle (%): 98.7



There are no emissions found within 6dB of the limit line.

Test Notes: laptop & poe inside chamber

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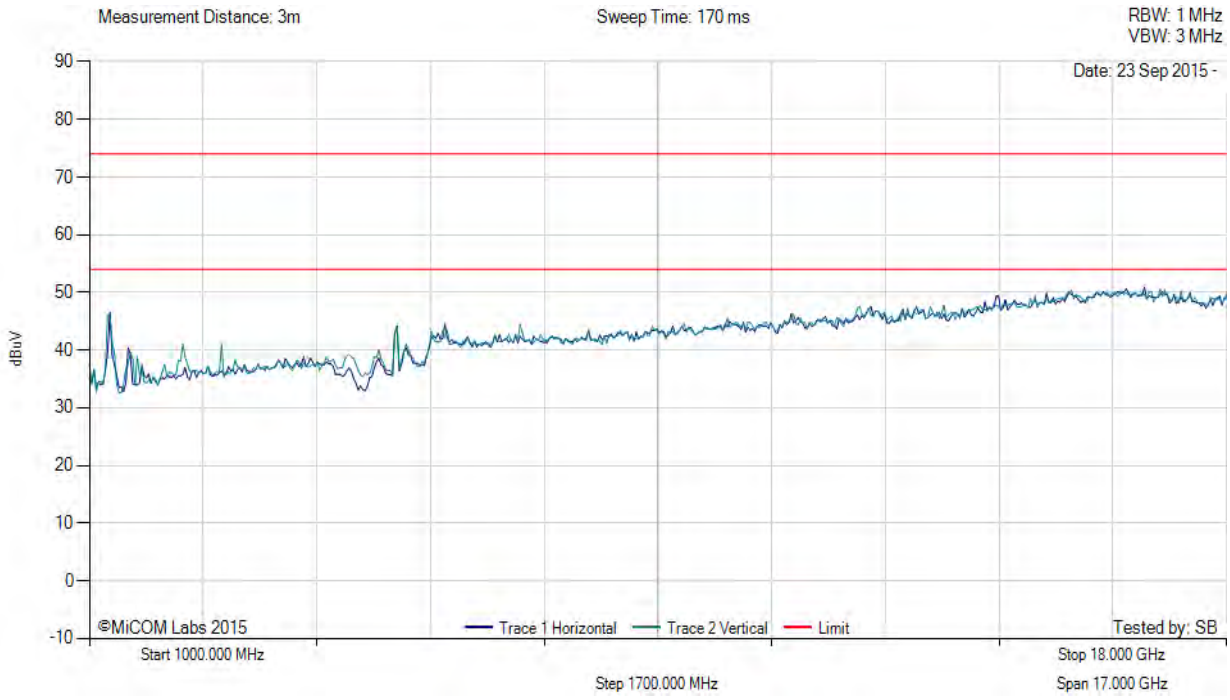
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5590.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 6, Duty Cycle (%): 98.7



There are no emissions found within 6dB of the limit line.

Test Notes: laptop & poe inside chamber

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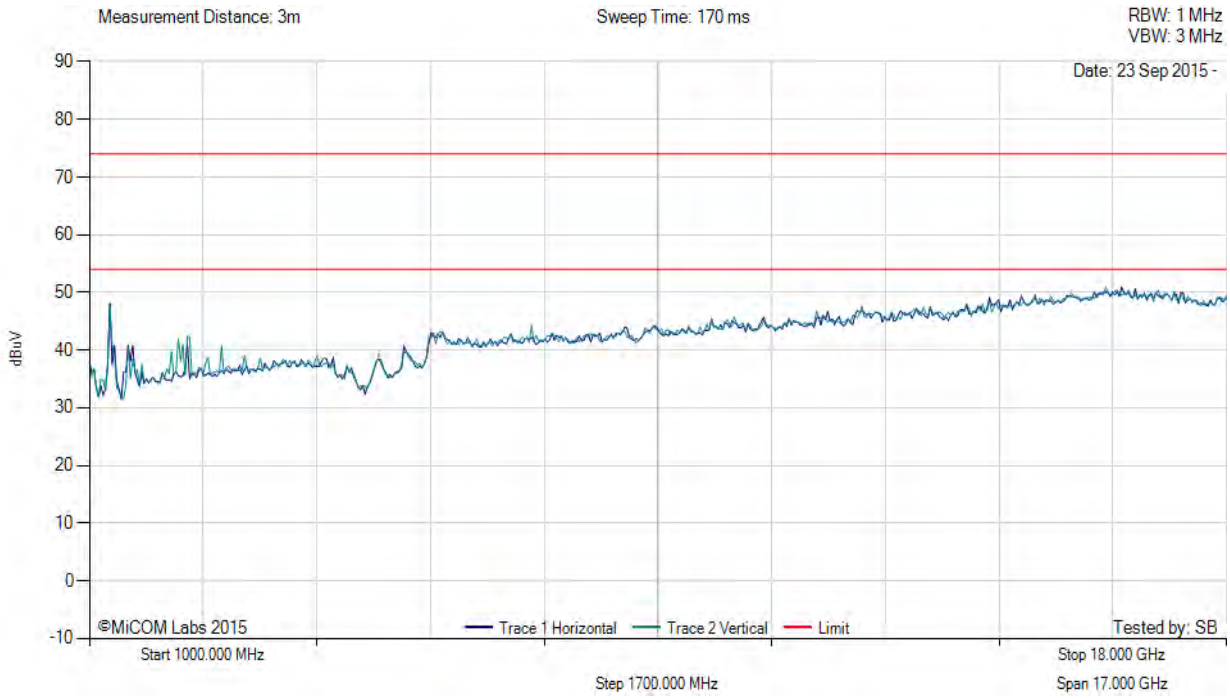
RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5715.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 6, Duty Cycle (%): 98.7



There are no emissions found within 6dB of the limit line.

Test Notes: laptop & poe inside chamber

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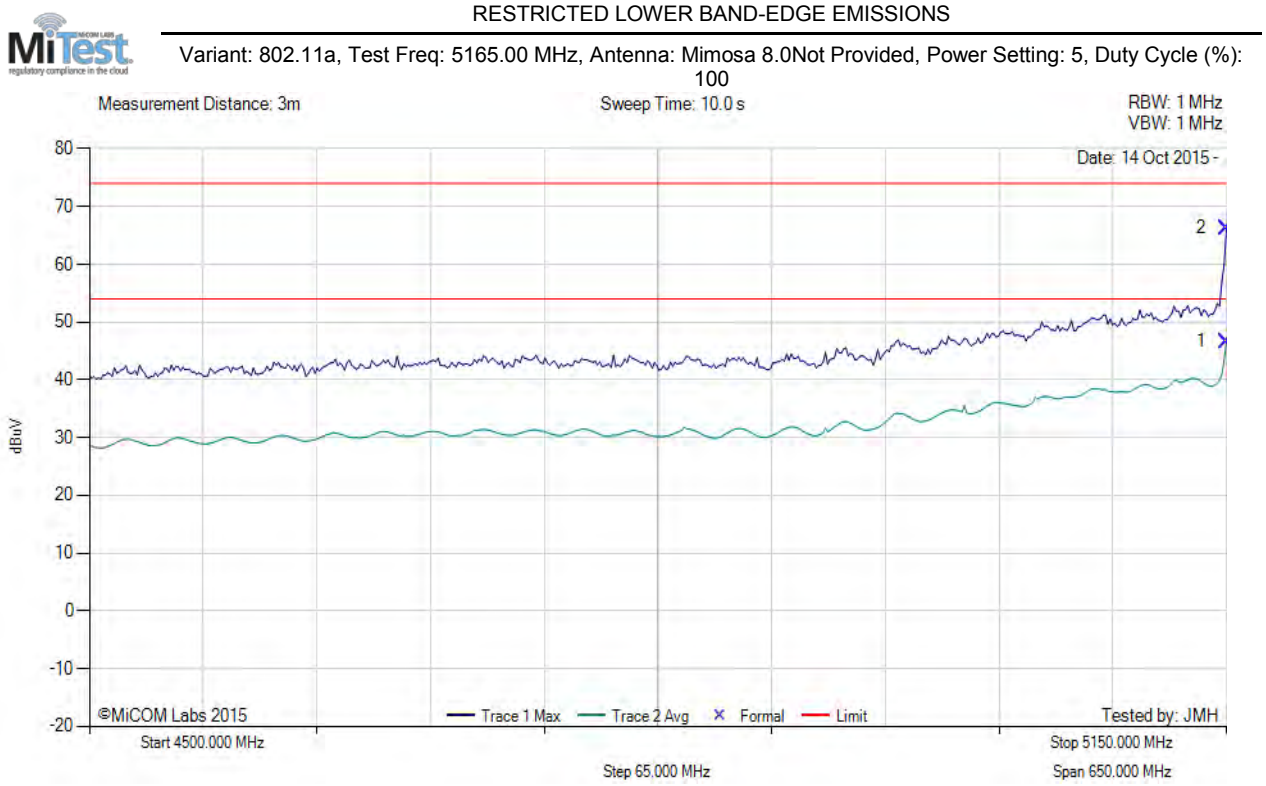
A.3.2. Restricted Band-Edge Emissions



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	54.58	3.67	-11.59	46.66	Max Avg	Vertical	182	110	54.0	-7.3	Pass
2	5150.00	74.21	3.67	-11.59	66.29	Max Peak	Vertical	182	110	74.0	-7.7	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS

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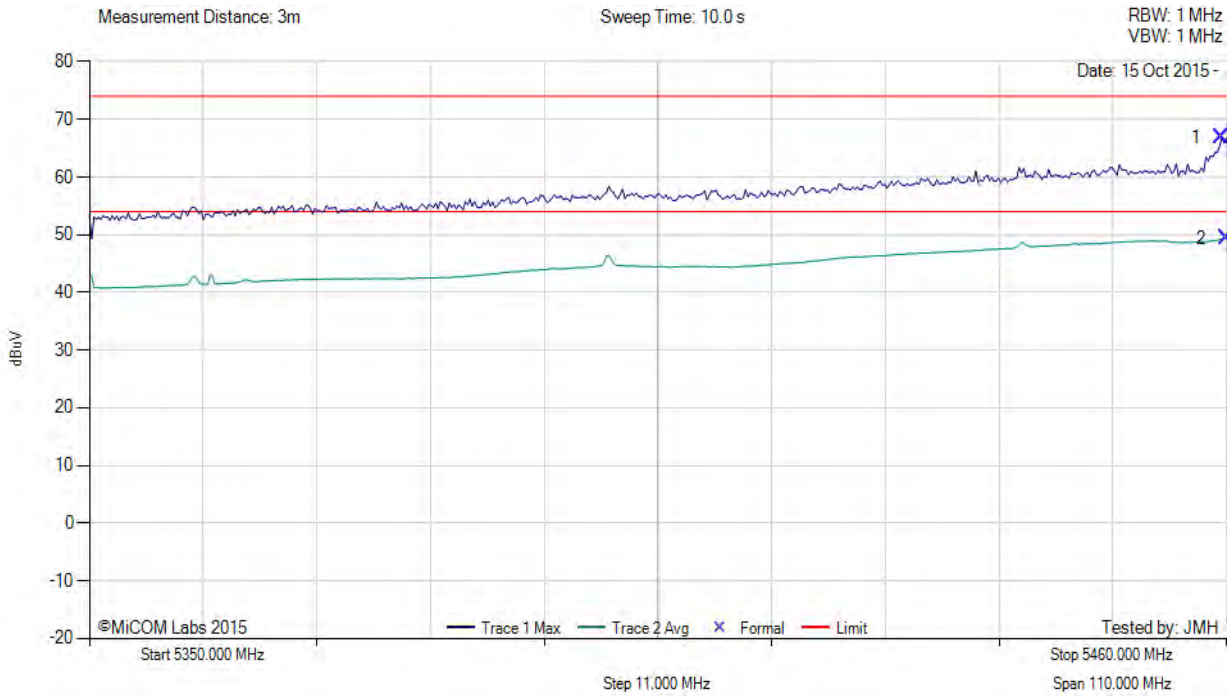
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5485.00 MHz, Antenna: Mimosa 8.0Not Provided, Power Setting: 15, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5459.56	74.25	3.79	-11.22	66.82	Max Peak	Horizontal	196	198	74.0	-7.2	Pass
2	5460.00	56.87	3.79	-11.22	49.44	Max Avg	Horizontal	196	198	54.0	-4.6	Pass

Test Notes: EUT at 150cm powered by phihong POE.

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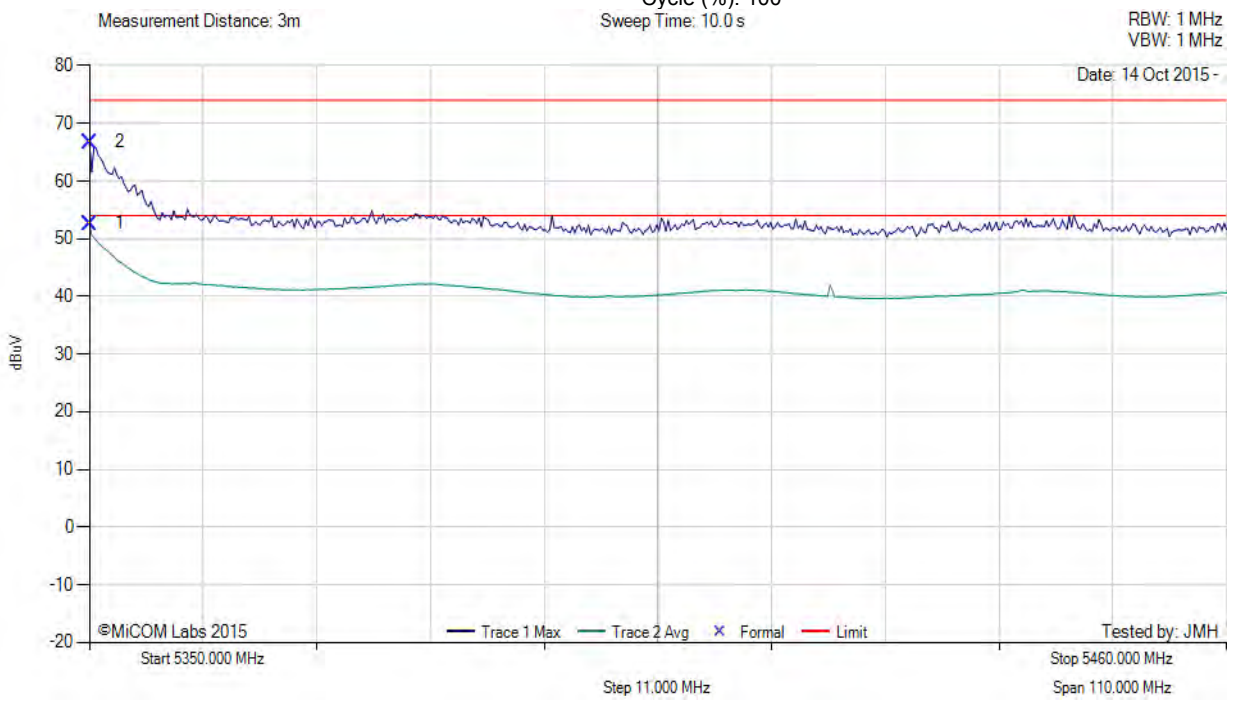
RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5335.00 MHz, Antenna: Mimosa 8.0 Not Provided, Power Setting: 2, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5350.00	59.96	3.70	-11.02	52.64	Max Avg	Vertical	193	133	54.0	-1.4	Pass
2	5350.00	74.10	3.70	-11.02	66.78	Max Peak	Vertical	193	133	74.0	-7.2	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS

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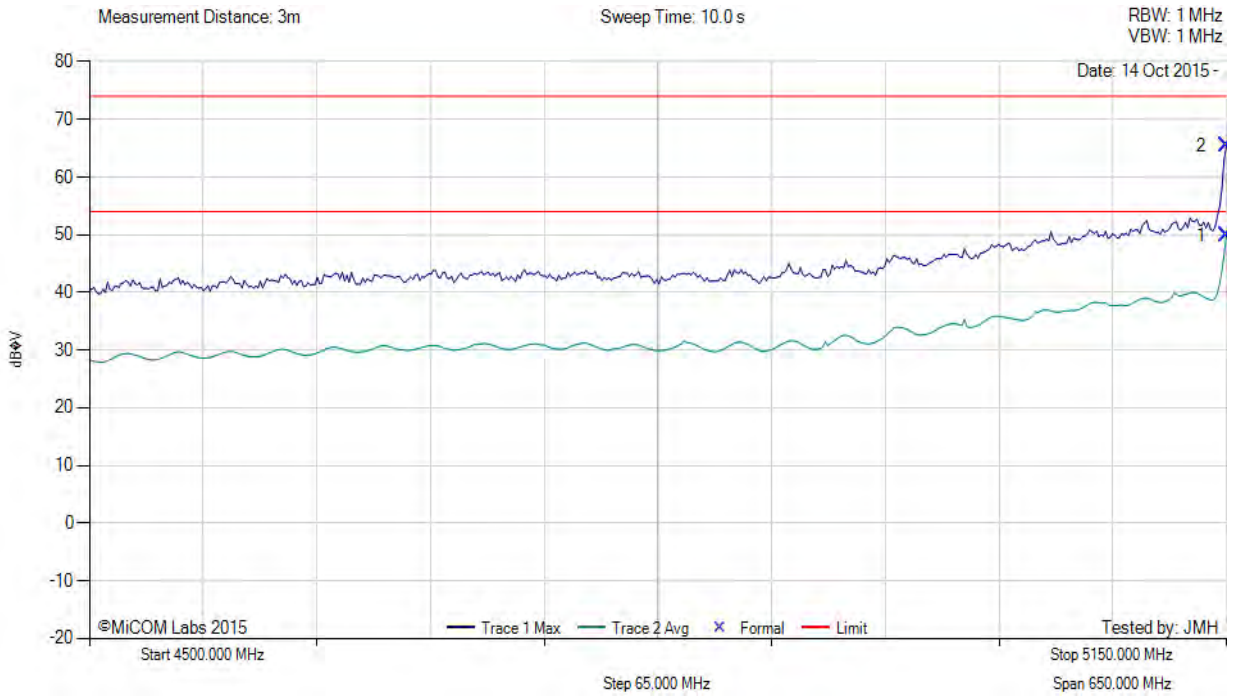
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5165.00 MHz, Antenna: Not Provided, Power Setting: 5, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	57.83	3.67	-11.59	49.91	Max Avg	Vertical	182	110	54.0	-4.1	Pass
2	5150.00	73.40	3.67	-11.59	65.48	Max Peak	Vertical	182	110	74.0	-8.5	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS

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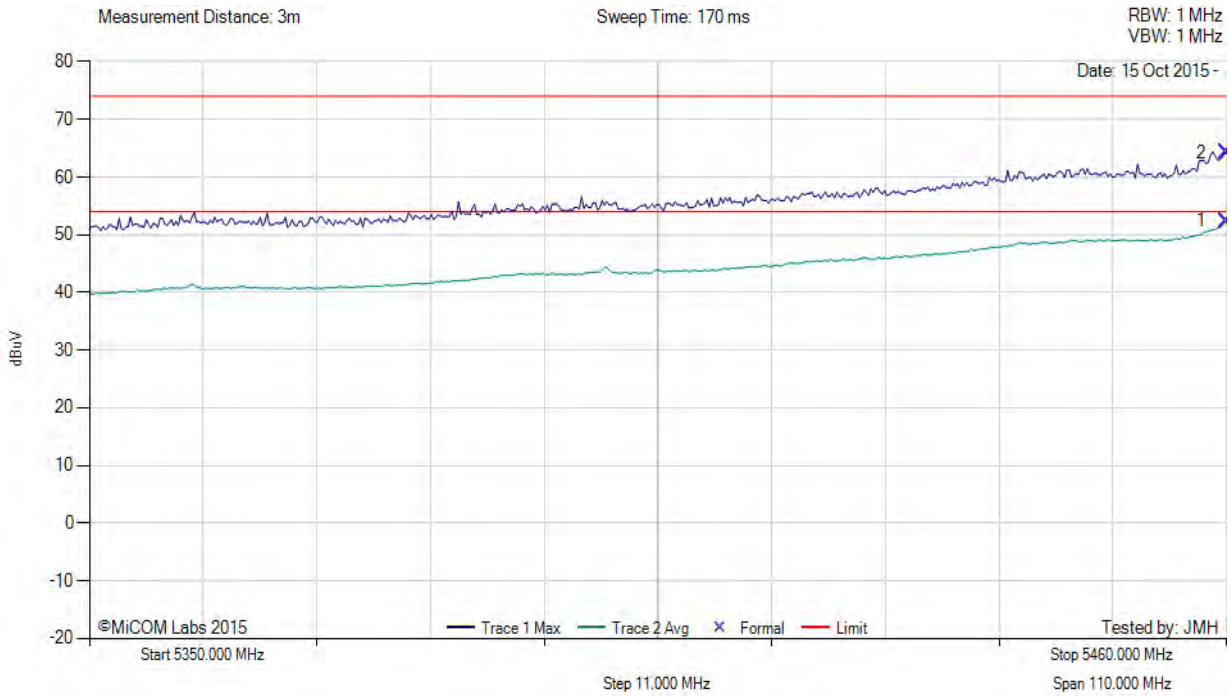
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5485.00 MHz, Antenna: Not Provided, Power Setting: 19, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5460.00	59.78	3.79	-11.22	52.35	Max Avg	Horizontal	196	198	54.0	-1.7	Pass
2	5460.00	71.62	3.79	-11.22	64.19	Max Peak	Horizontal	196	198	74.0	-9.8	Pass

Test Notes: EUT at 150cm powered by phihong POE

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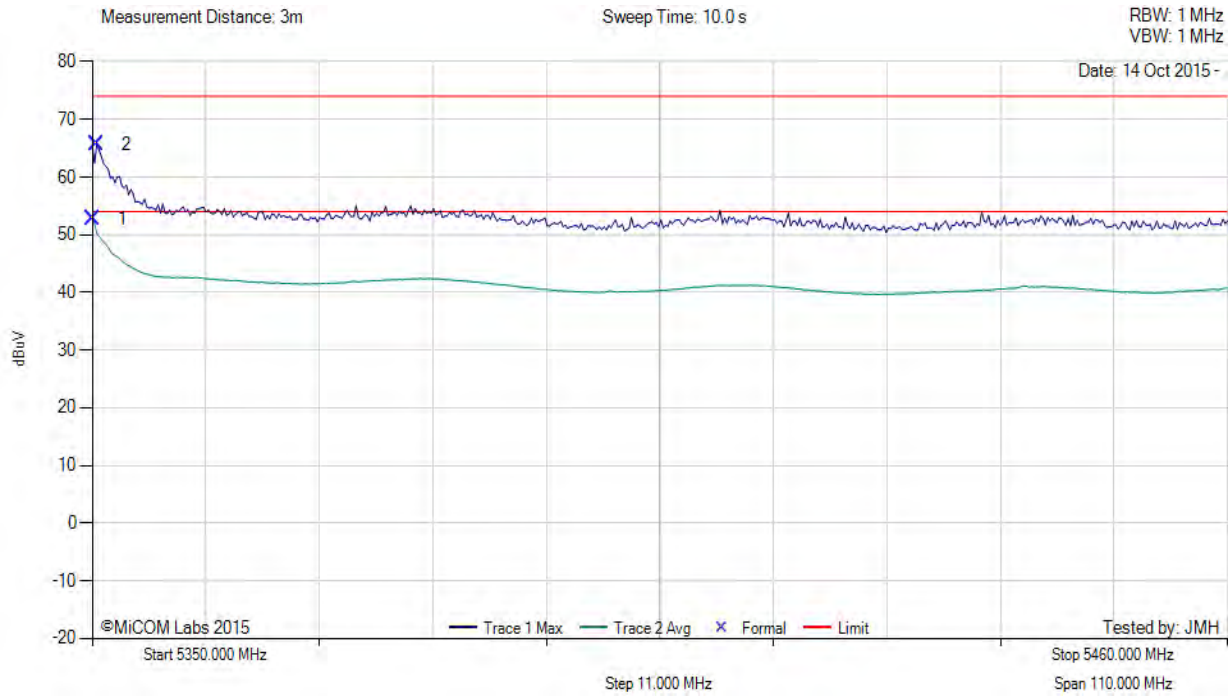
RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5335.00 MHz, Antenna: Not Provided, Power Setting: 4, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5350.00	60.09	3.70	-11.02	52.77	Max Avg	Vertical	193	133	54.0	-1.2	Pass
2	5350.44	72.99	3.70	-11.02	65.67	Max Peak	Vertical	193	133	74.0	-8.3	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS

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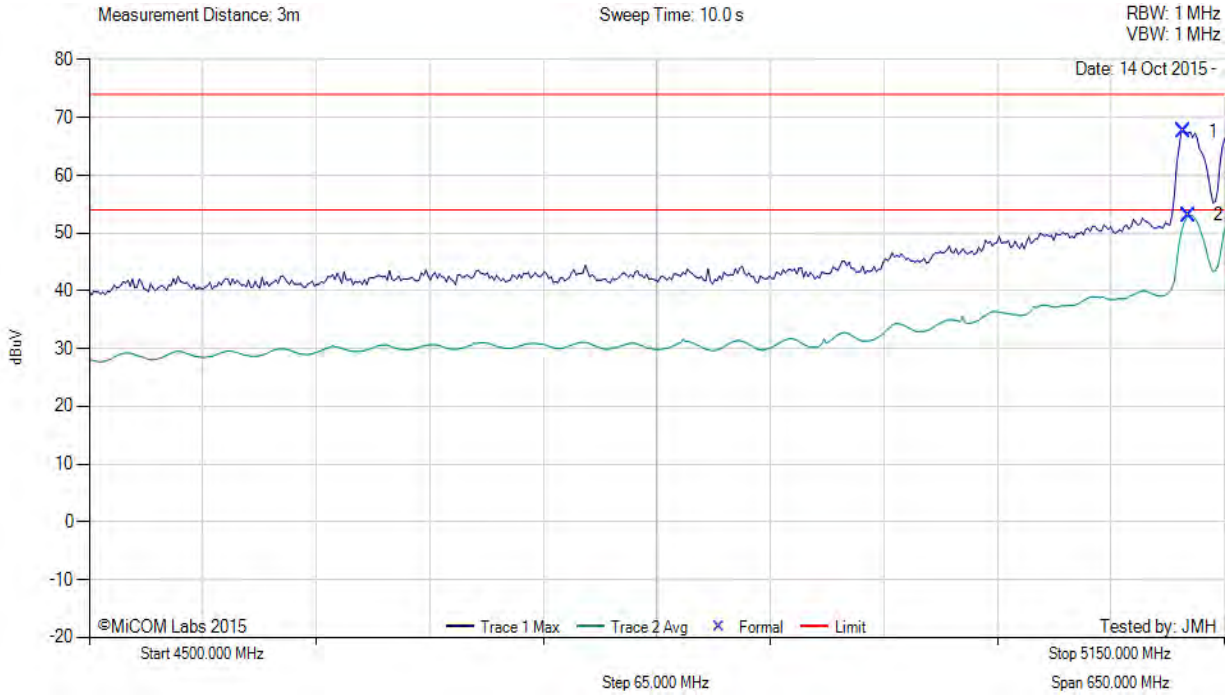
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5175.00 MHz, Antenna: Not Provided, Power Setting: 9, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5126.55	75.57	3.67	-11.61	67.63	Max Peak	Vertical	182	110	74.0	-6.4	Pass
2	5129.16	61.01	3.68	-11.60	53.09	Max Avg	Vertical	182	110	54.0	-0.9	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS

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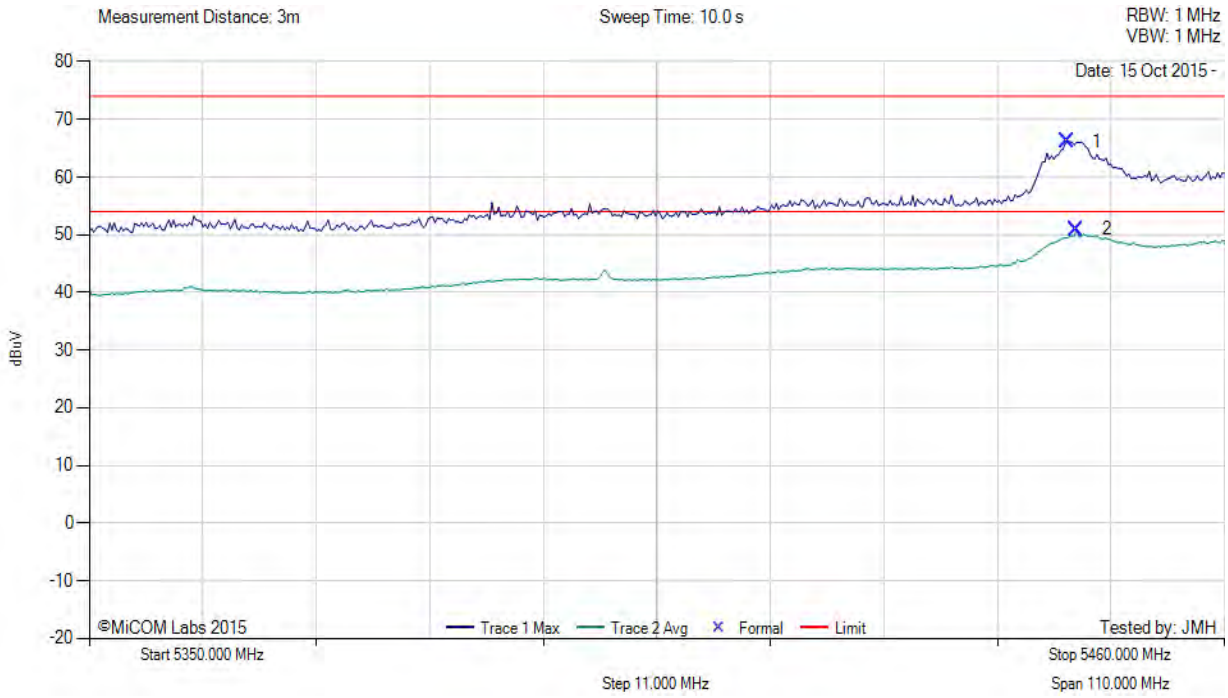
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5495.00 MHz, Antenna: Not Provided, Power Setting: 13, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5444.79	73.69	3.76	-11.23	66.22	Max Peak	Horizontal	196	198	74.0	-7.8	Pass
2	5445.67	58.45	3.76	-11.23	50.98	Max Avg	Horizontal	196	198	54.0	-3.0	Pass

Test Notes: EUT at 150cm powered by phihong POE

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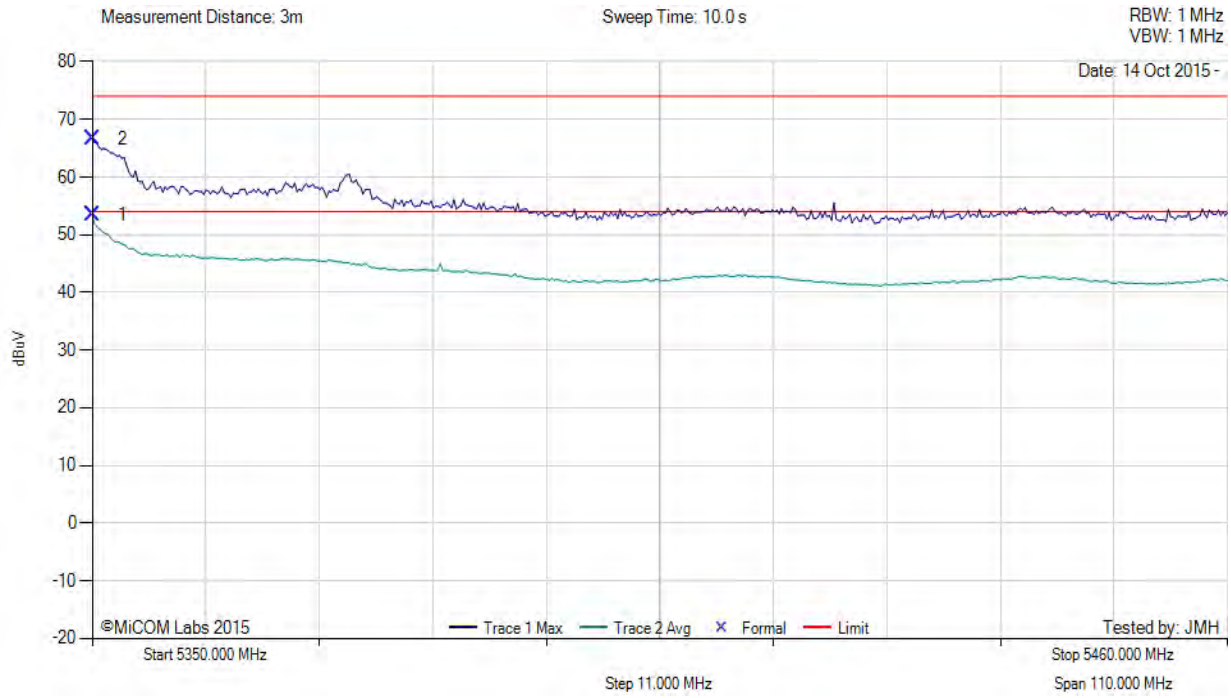
RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5330.00 MHz, Antenna: Not Provided, Power Setting: 8, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5350.00	60.74	3.70	-11.02	53.42	Max Avg	Vertical	193	133	54.0	-0.6	Pass
2	5350.00	73.92	3.70	-11.02	66.60	Max Peak	Vertical	193	133	74.0	-7.4	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS. 8.0 dBi Antenna,

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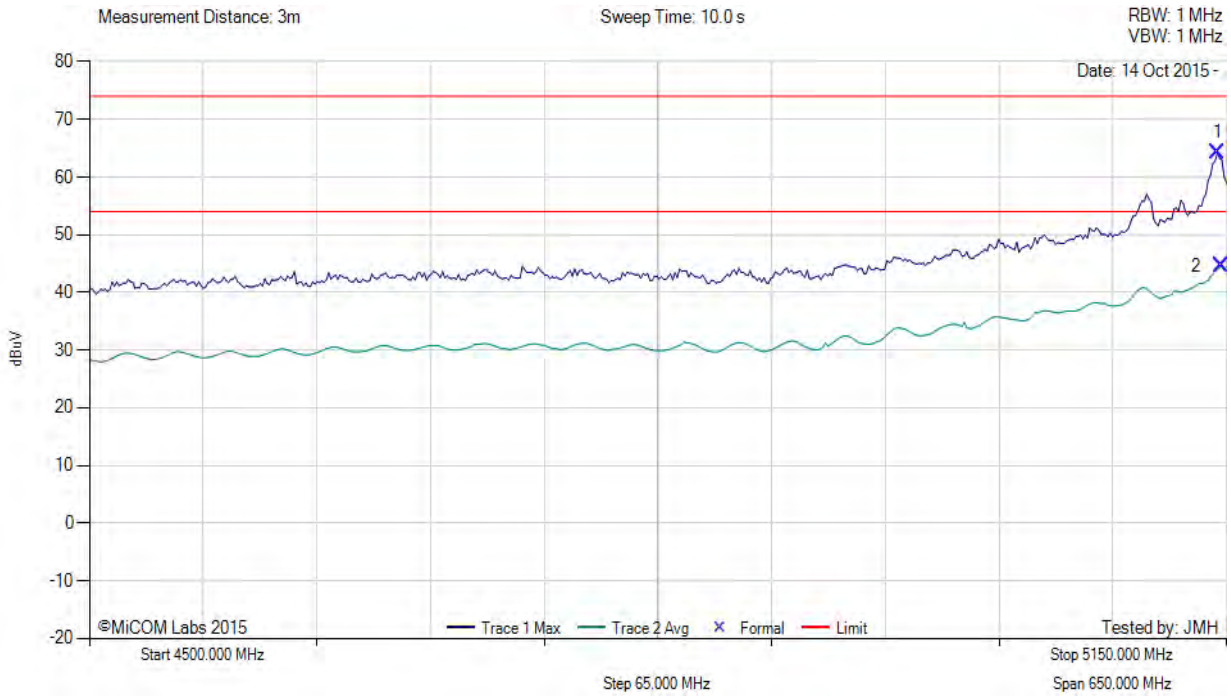
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5195.00 MHz, Antenna: Not Provided, Power Setting: 5, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5144.79	72.09	3.69	-11.60	64.18	Max Peak	Vertical	182	110	74.0	-9.8	Pass
2	5147.39	52.52	3.68	-11.59	44.61	Max Avg	Vertical	182	110	54.0	-9.4	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS. 8.0 dBi Antenna

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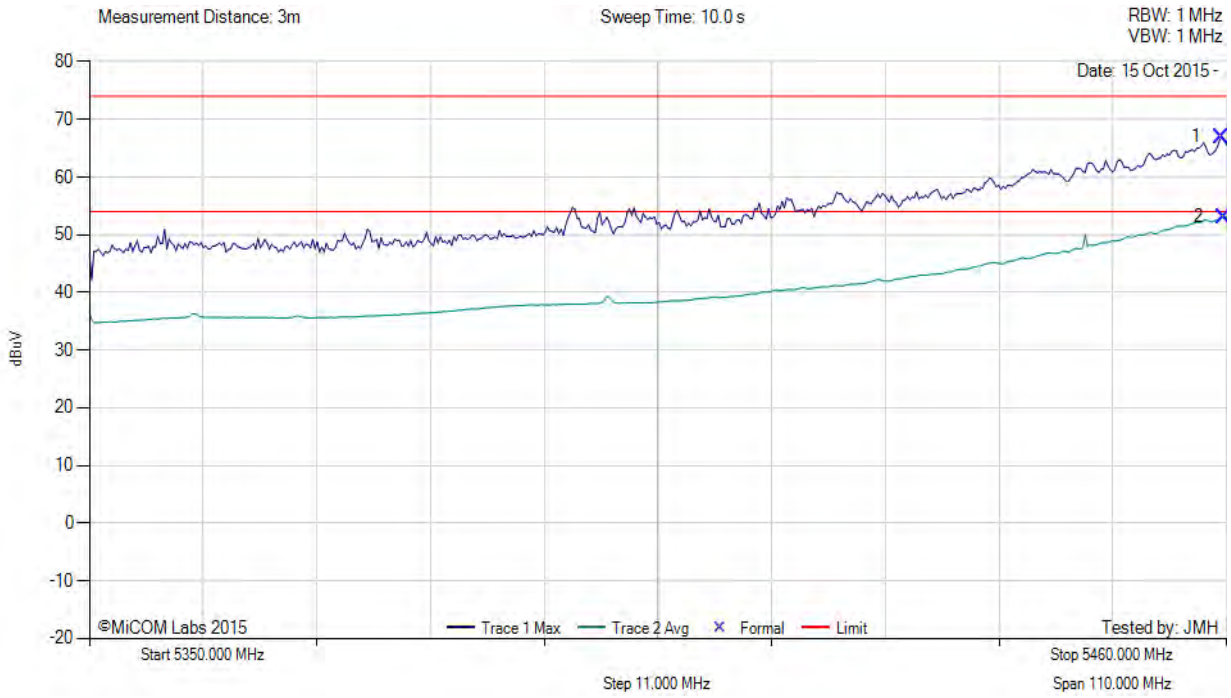
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5530.00 MHz, Antenna: Not Provided, Power Setting: 12, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5459.56	74.44	3.79	-11.22	67.01	Max Peak	Horizontal	196	198	74.0	-7.0	Pass
2	5459.78	60.52	3.79	-11.22	53.09	ax Avg	Horizontal	196	198	54.0	-0.9	Pass

Test Notes: EUT at 150cm powered by phihong POE. Antenna 8.0 dBi

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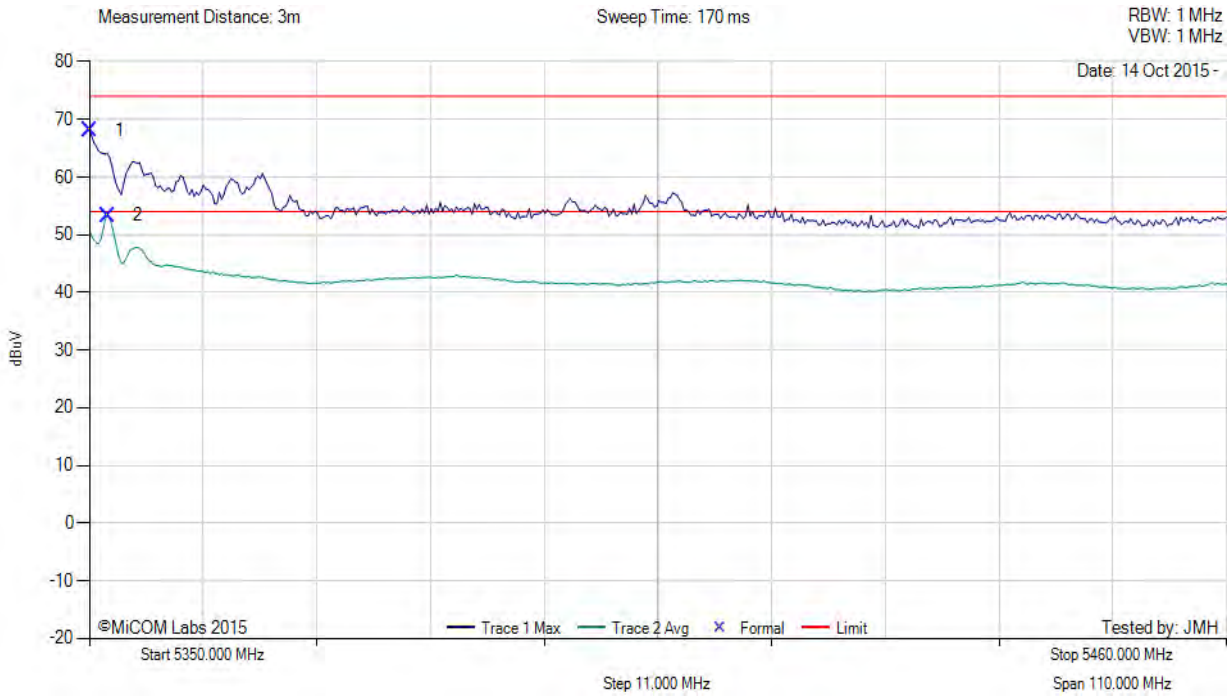
RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5310.00 MHz, Antenna: Not Provided, Power Setting: 0, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBµV	Cable Loss	AF dB	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5350.00	75.35	3.70	-11.02	68.03	Max Peak	Vertical	193	133	74.0	-6.0	Pass
2	5351.76	60.70	3.71	-11.03	53.38	Max Avg	Vertical	193	133	54.0	-0.6	Pass

Test Notes: EUT at 150cm connected to laptop, powered by Phihong POE PS. 8.0 dBi Antenna,

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