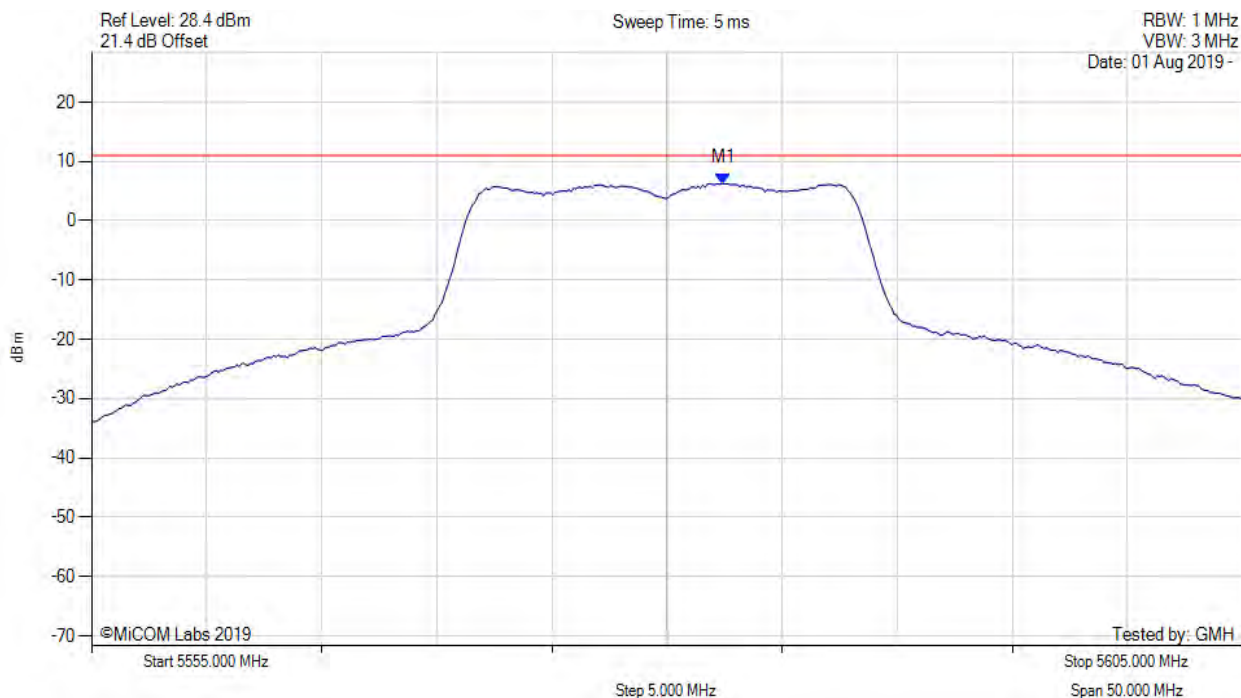


POWER SPECTRAL DENSITY



Variant: 802.11a, Channel: 5580.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



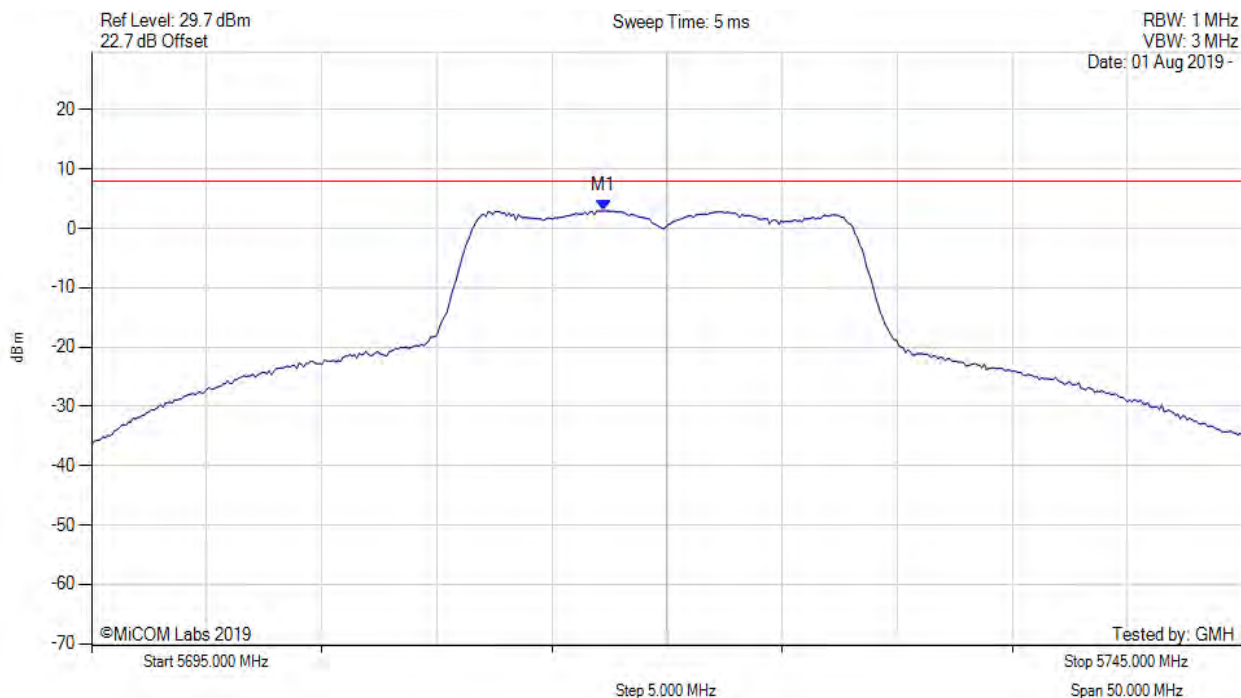
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5582.500 MHz : 6.275 dBm M1 + DCCF : 5582.500 MHz : 6.363 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -4.6 dB

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POWER SPECTRAL DENSITY



Variant: 802.11a, Channel: 5720.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



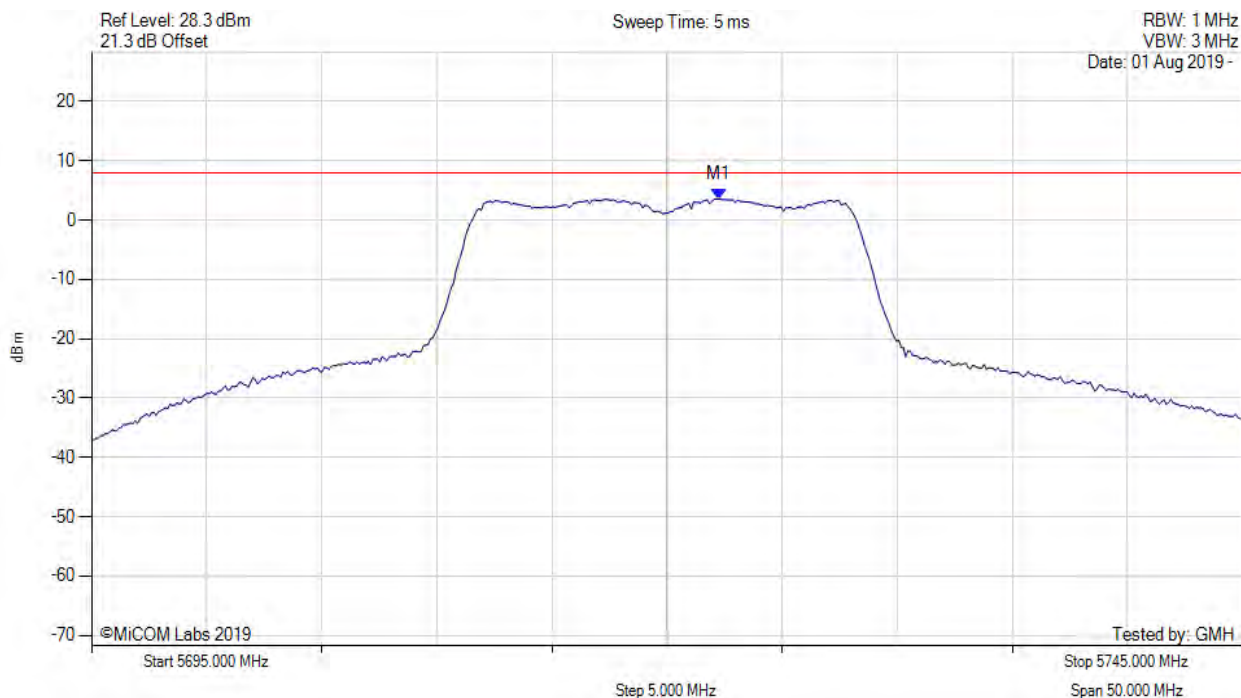
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5717.244 MHz : 2.985 dBm	Limit: ≤ 7.990 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11a, Channel: 5720.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



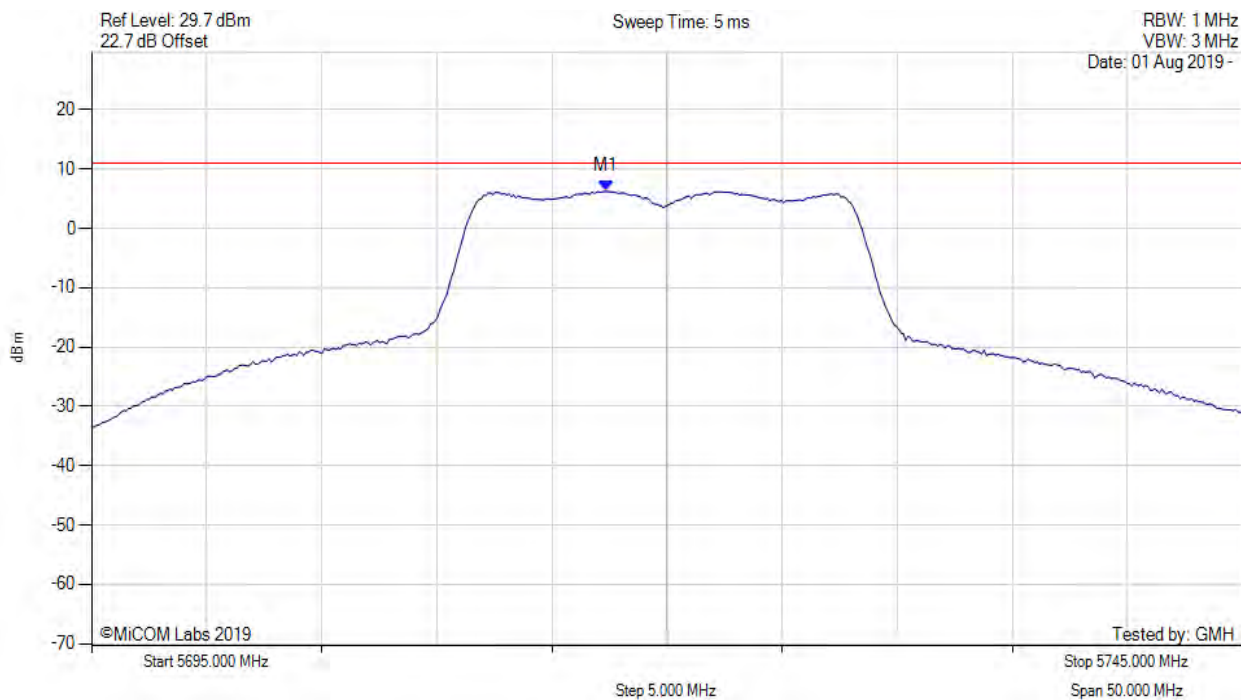
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5722.255 MHz : 3.580 dBm	Limit: ≤ 7.990 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11a, Channel: 5720.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



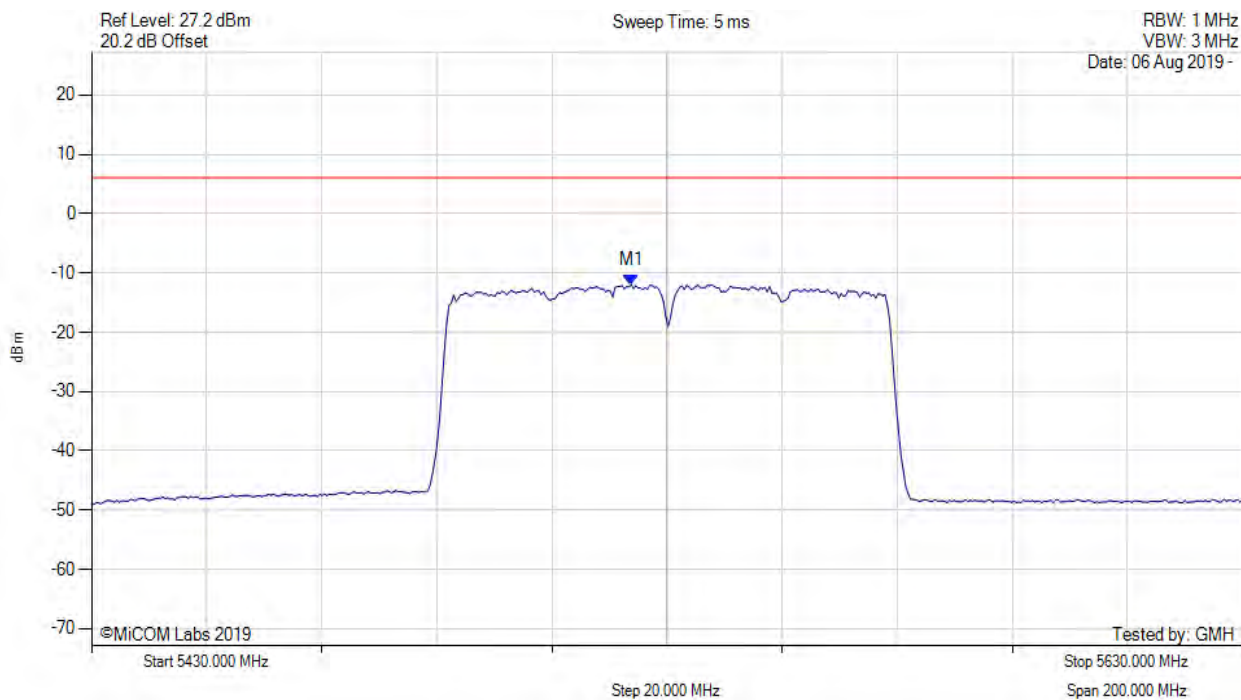
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5717.300 MHz : 6.262 dBm M1 + DCCF : 5717.300 MHz : 6.350 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 11.0 dBm Margin: -4.7 dB

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



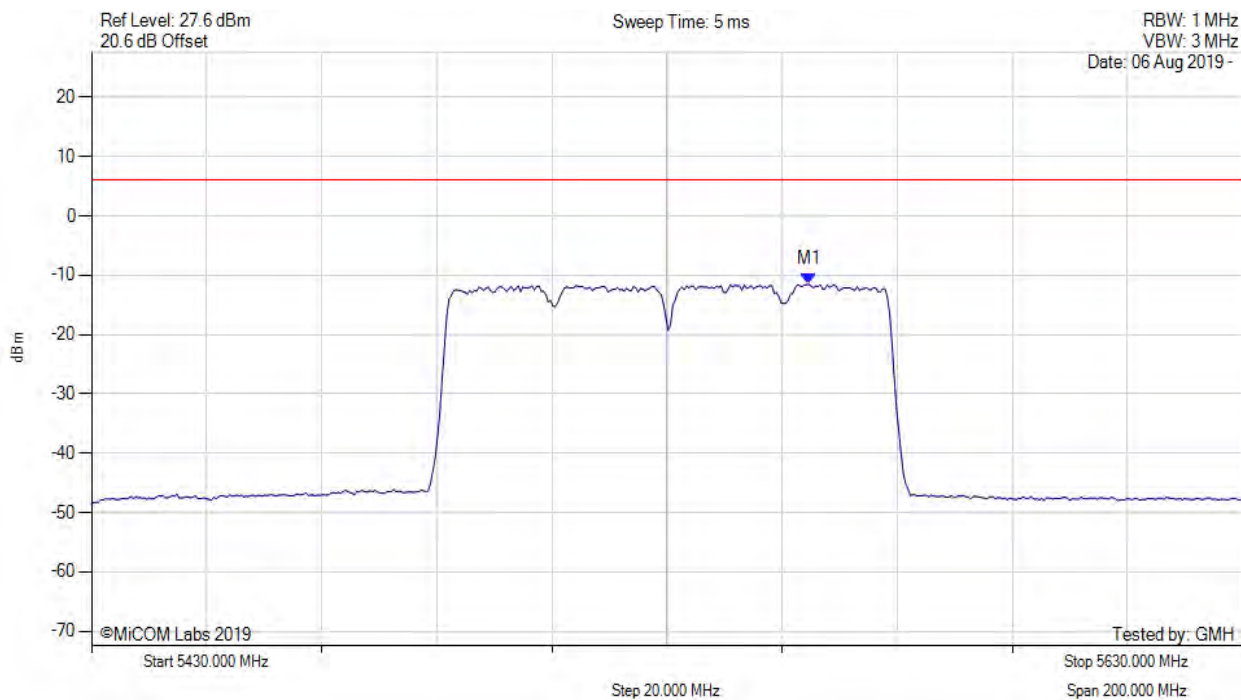
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5523.788 MHz : -12.007 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



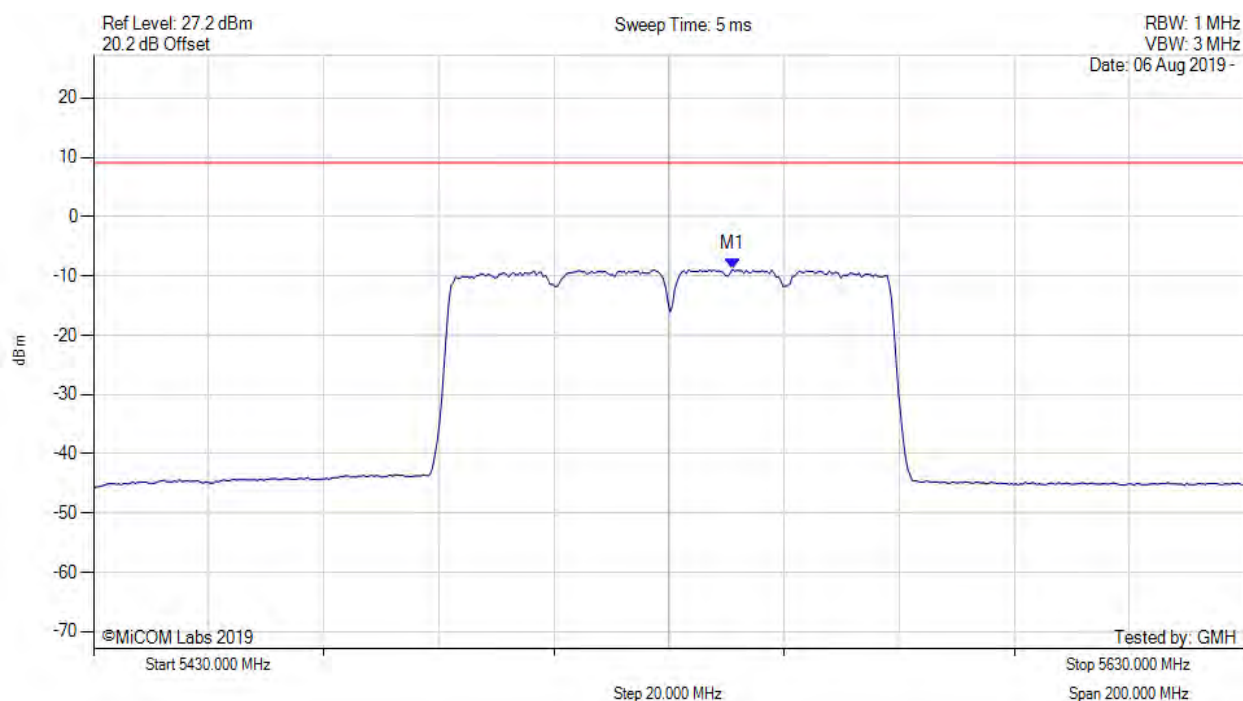
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5554.649 MHz : -11.498 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5530.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



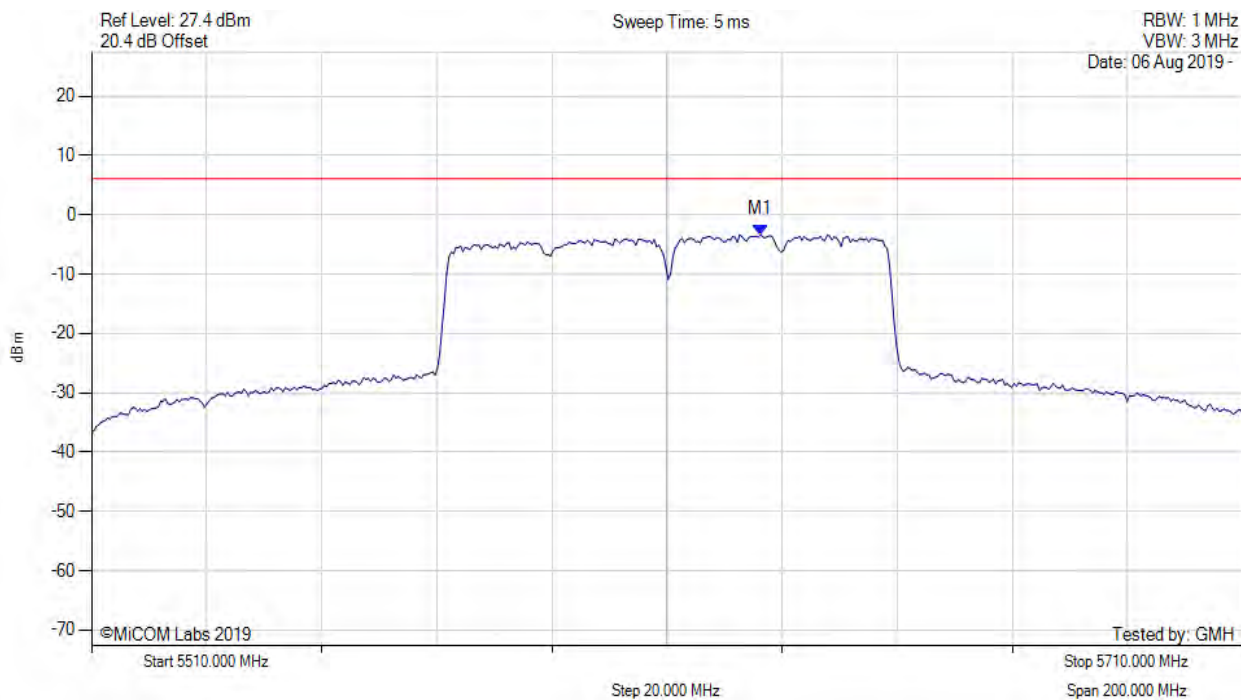
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5541.000 MHz : -8.913 dBm M1 + DCCF : 5541.000 MHz : -8.358 dBm Duty Cycle Correction Factor : +0.56 dB	Limit: ≤ 9.1 dBm Margin: -17.5 dB

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5610.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



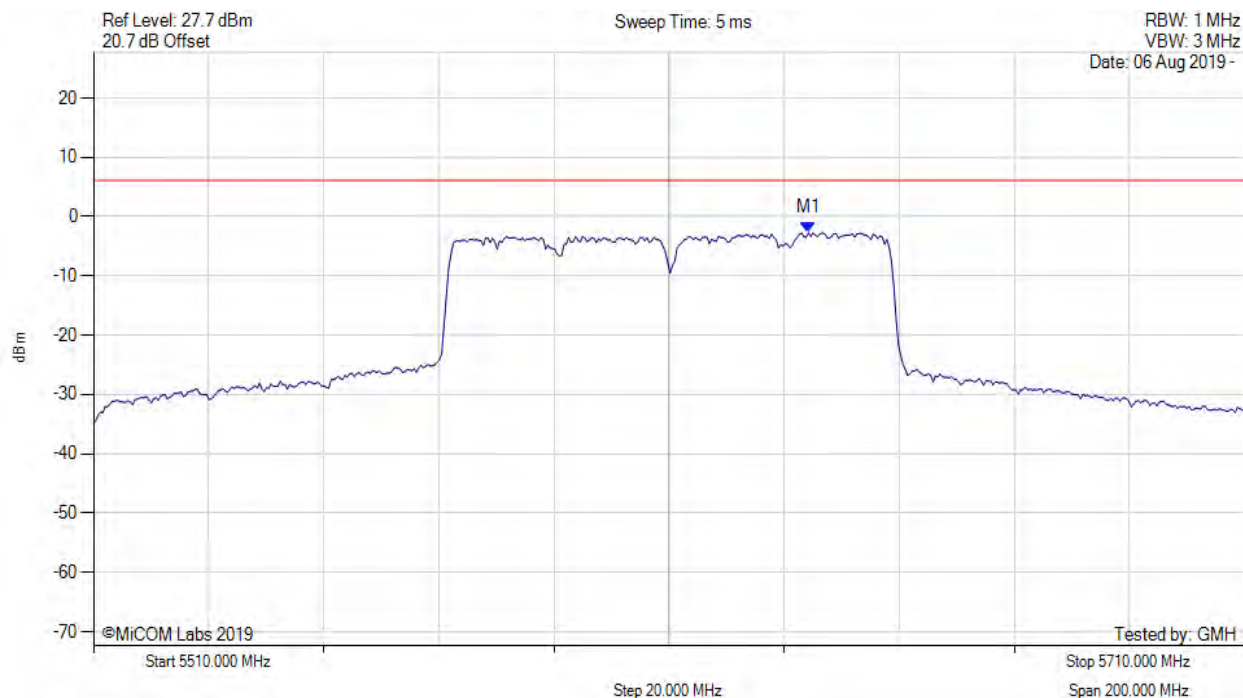
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5626.232 MHz : -3.371 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5610.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



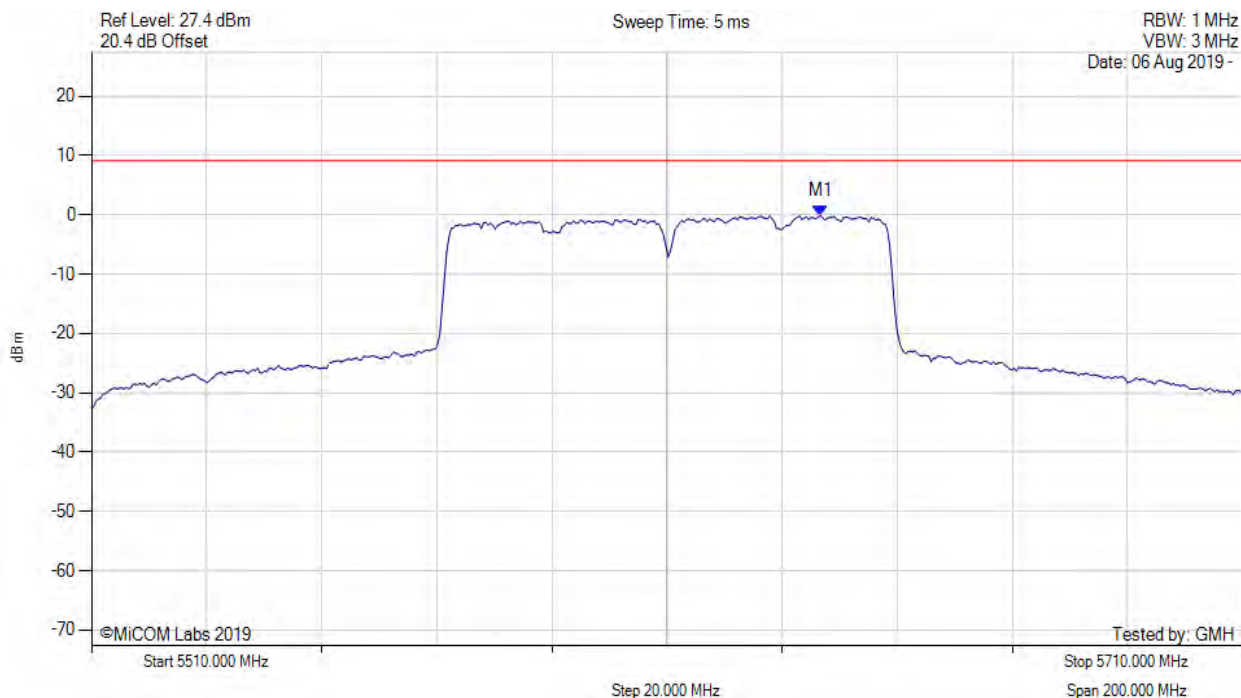
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5634.248 MHz : -2.744 dBm	Channel Frequency: 5610.00 MHz

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5610.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



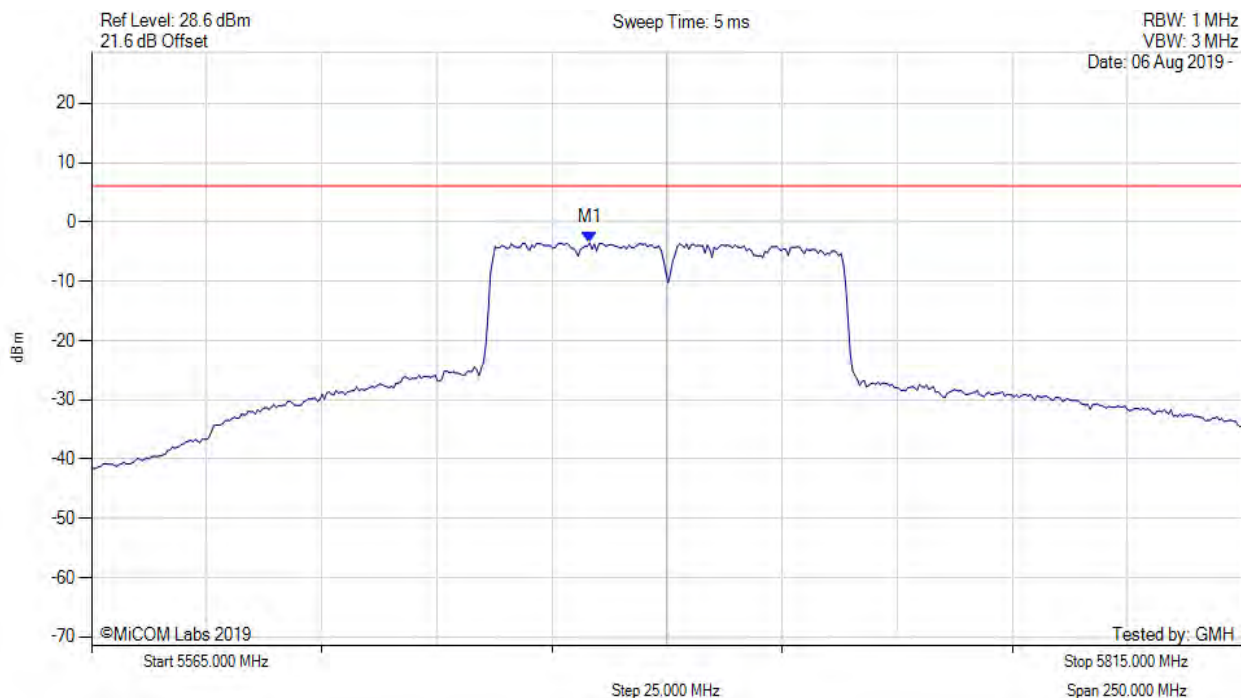
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5636.700 MHz : -0.168 dBm M1 + DCCF : 5636.700 MHz : 0.387 dBm Duty Cycle Correction Factor : +0.56 dB	Limit: ≤ 9.1 dBm Margin: -8.7 dB

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



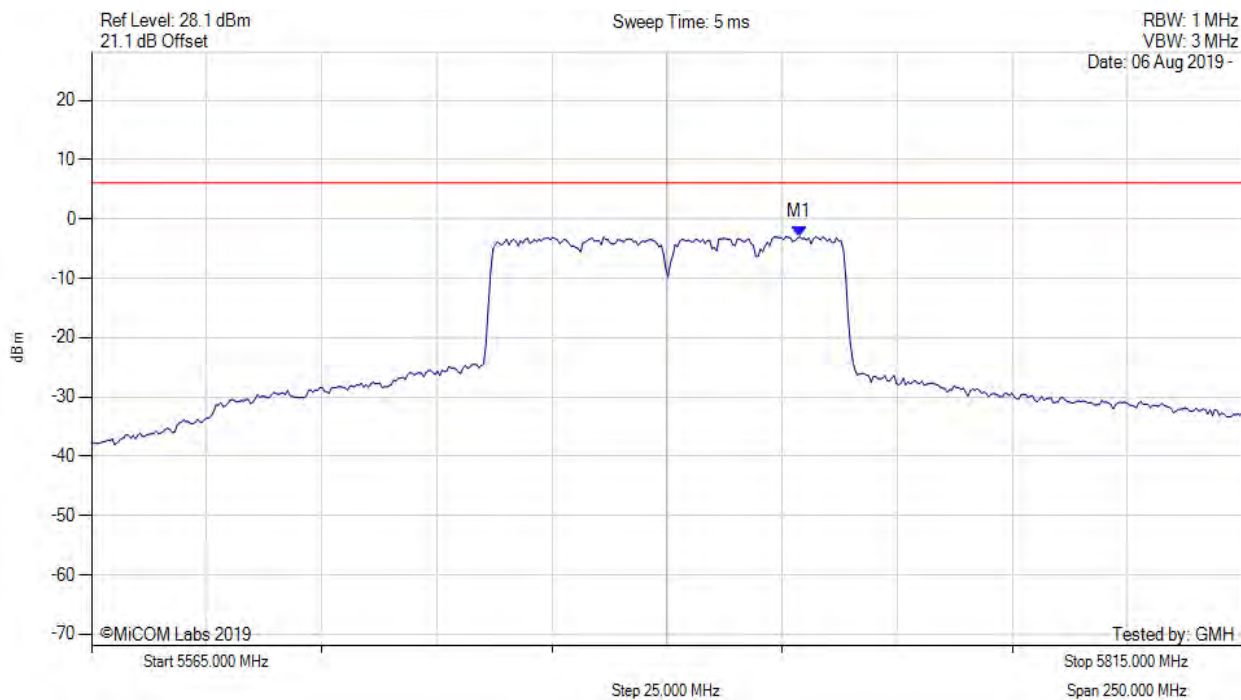
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5673.216 MHz : -3.542 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



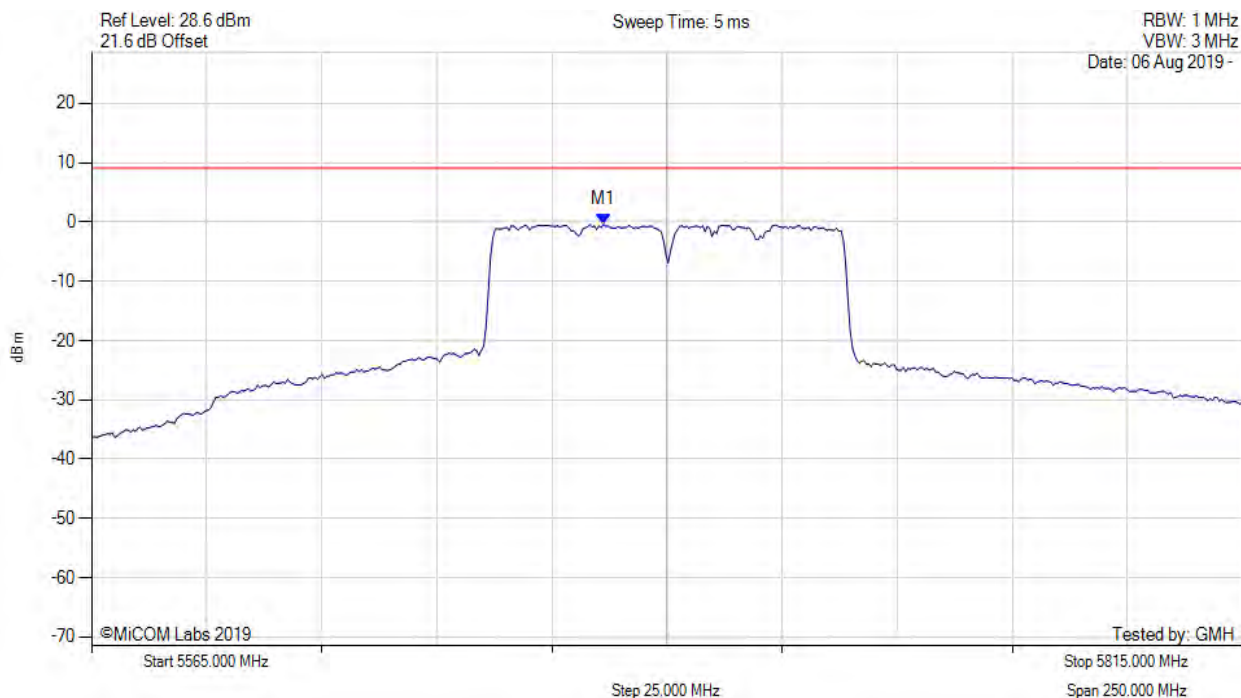
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5718.808 MHz : -3.018 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11ac-80, Channel: 5690.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



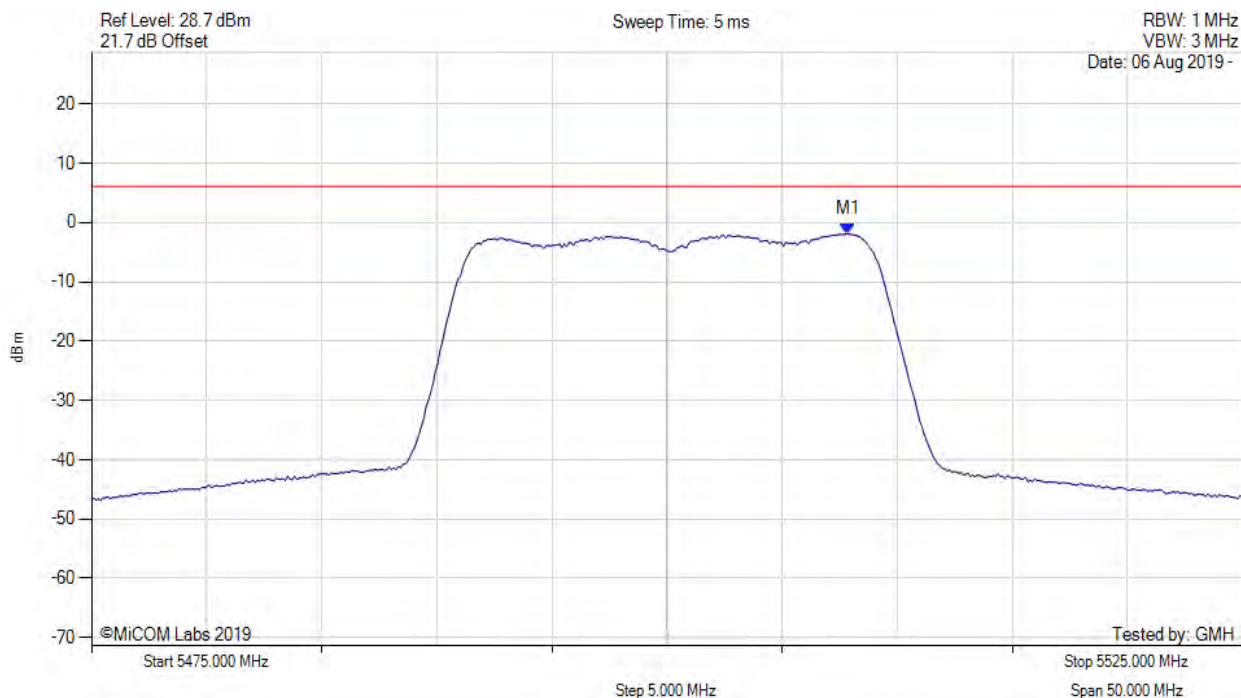
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5676.200 MHz : -0.389 dBm M1 + DCCF : 5676.200 MHz : 0.166 dBm Duty Cycle Correction Factor : +0.56 dB	Limit: ≤ 9.1 dBm Margin: -8.9 dB

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



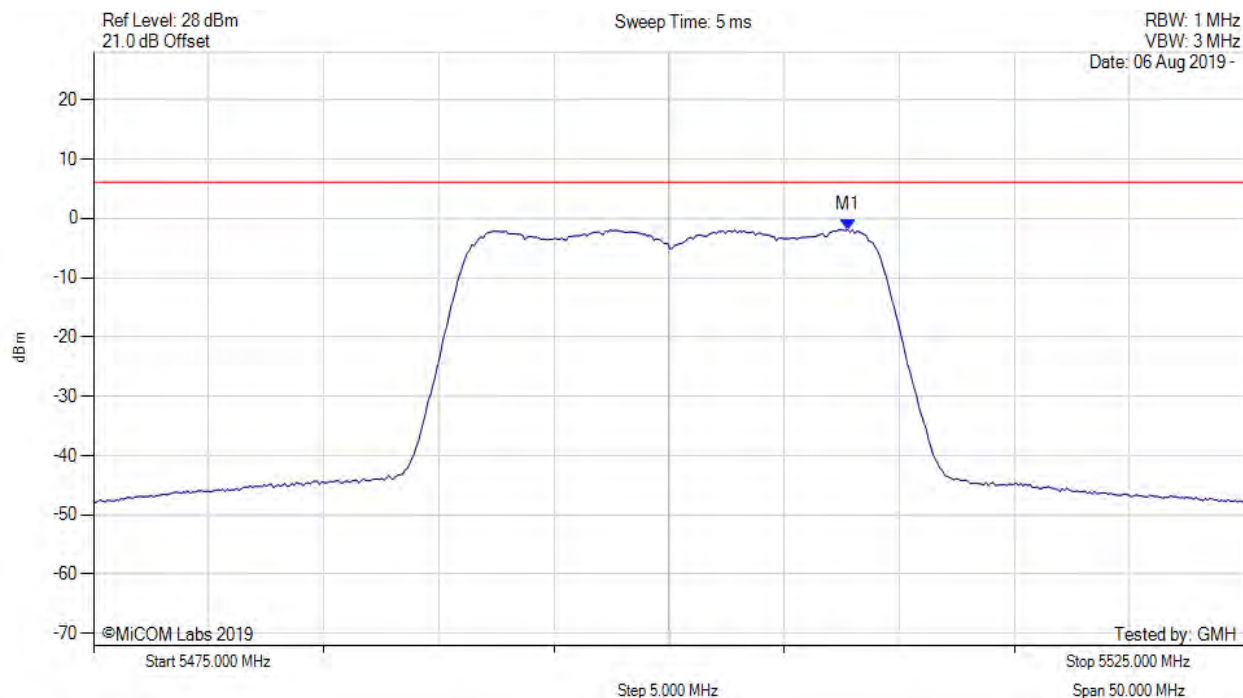
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5507.866 MHz : -1.916 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



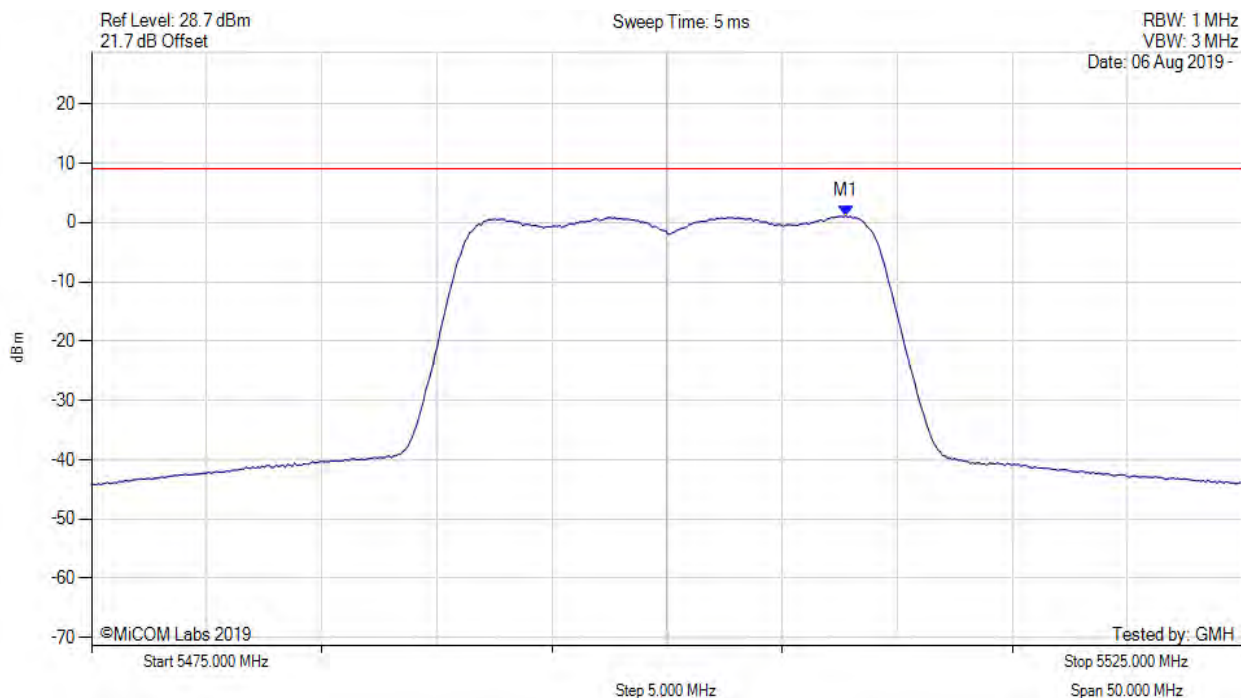
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5507.766 MHz : -1.870 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5500.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



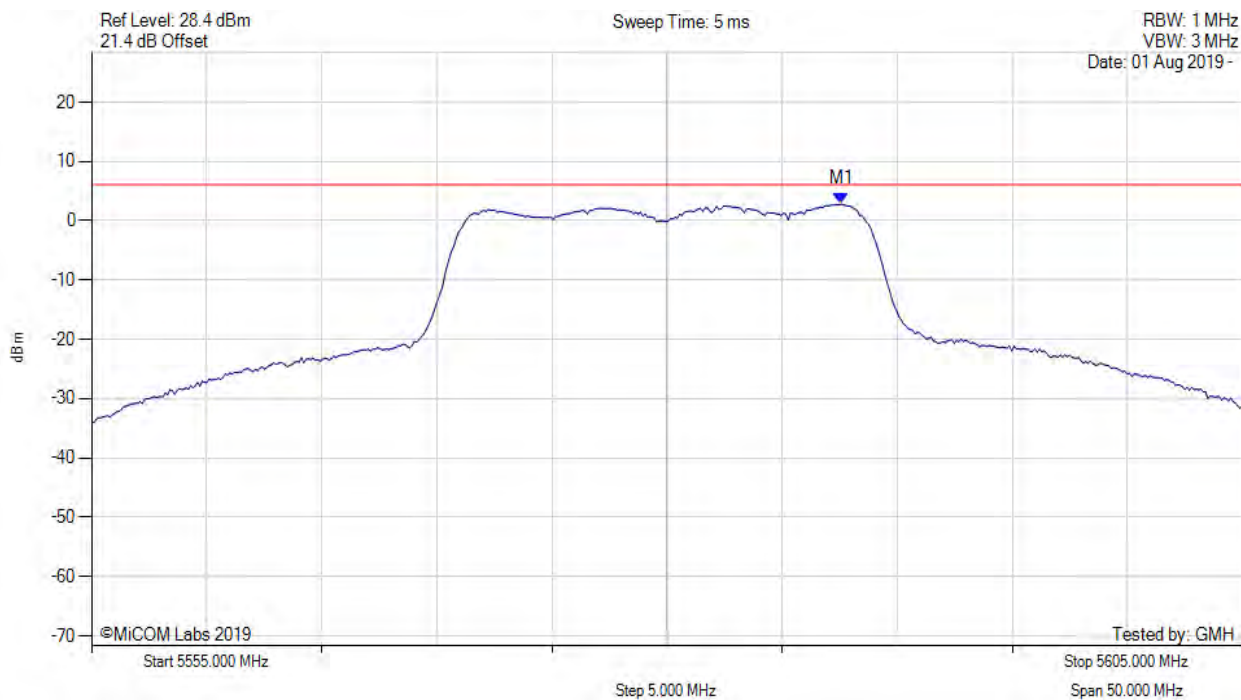
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5507.800 MHz : 1.112 dBm M1 + DCCF : 5507.800 MHz : 1.200 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 9.1 dBm Margin: -7.9 dB

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



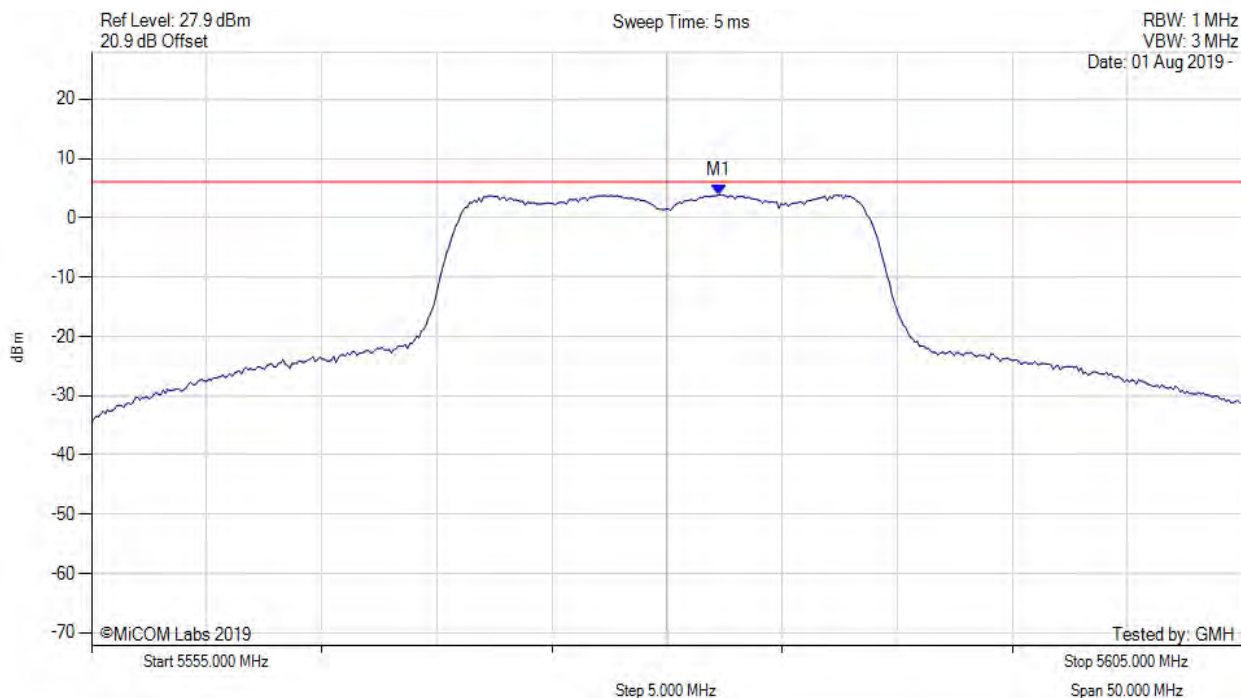
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5587.565 MHz : 2.798 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



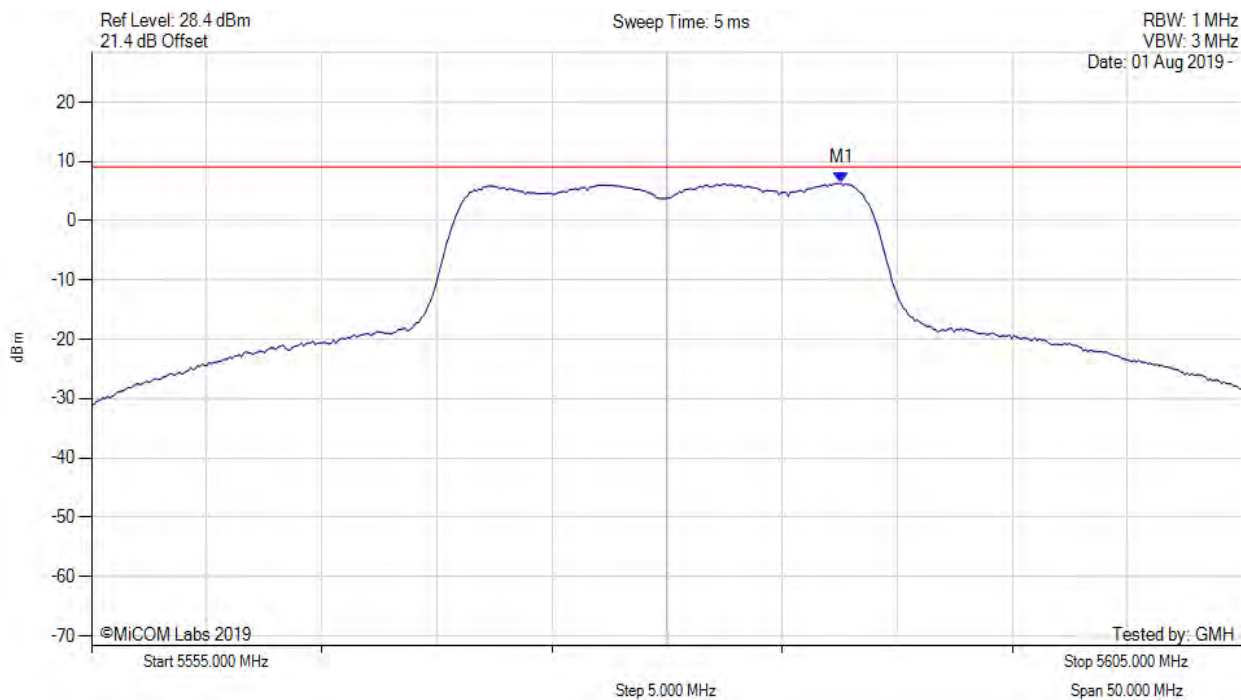
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5582.255 MHz : 3.883 dBm	Channel Frequency: 5580.00 MHz

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5580.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



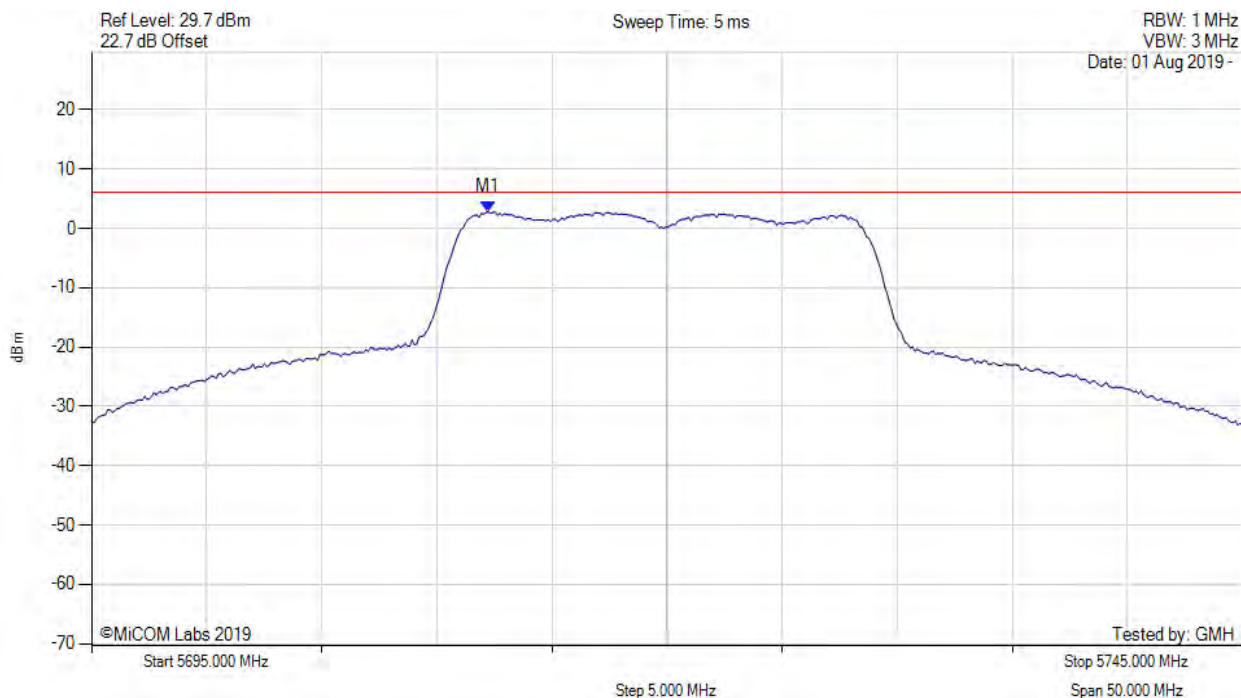
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5587.600 MHz : 6.353 dBm M1 + DCCF : 5587.600 MHz : 6.441 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 9.1 dBm Margin: -2.7 dB

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



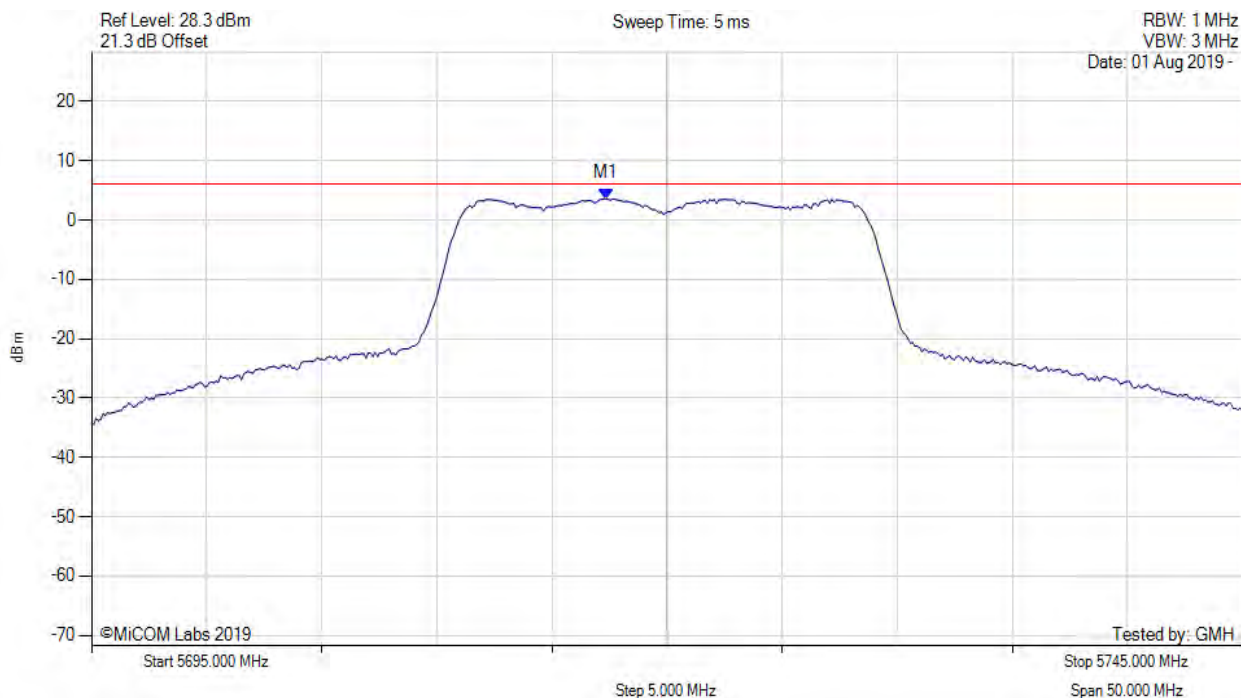
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5712.234 MHz : 2.807 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



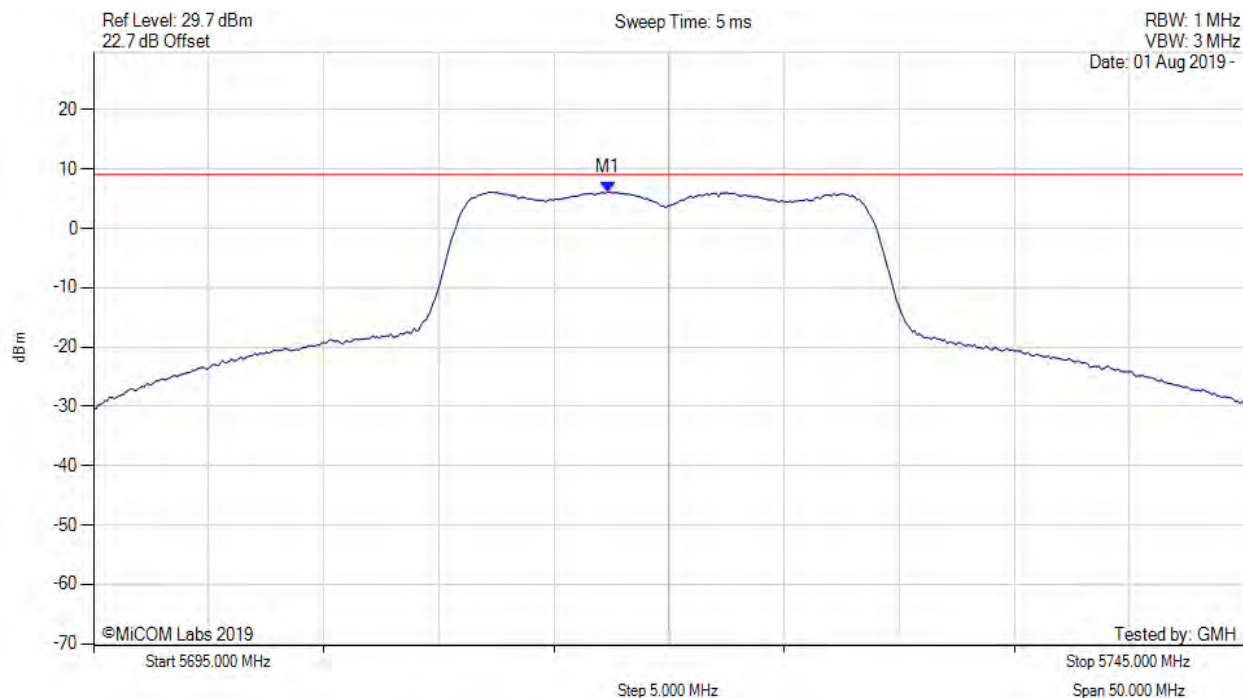
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5717.345 MHz : 3.605 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-20, Channel: 5720.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



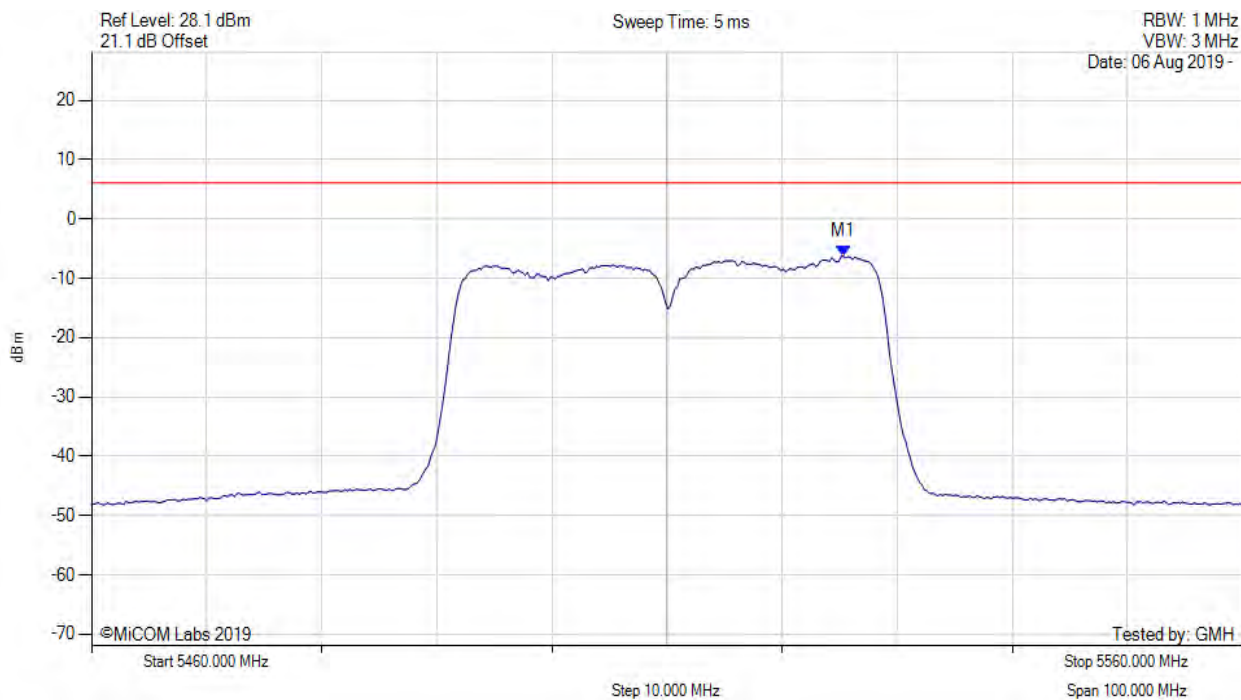
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5717.300 MHz : 6.163 dBm M1 + DCCF : 5717.300 MHz : 6.251 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 9.1 dBm Margin: -2.9 dB

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



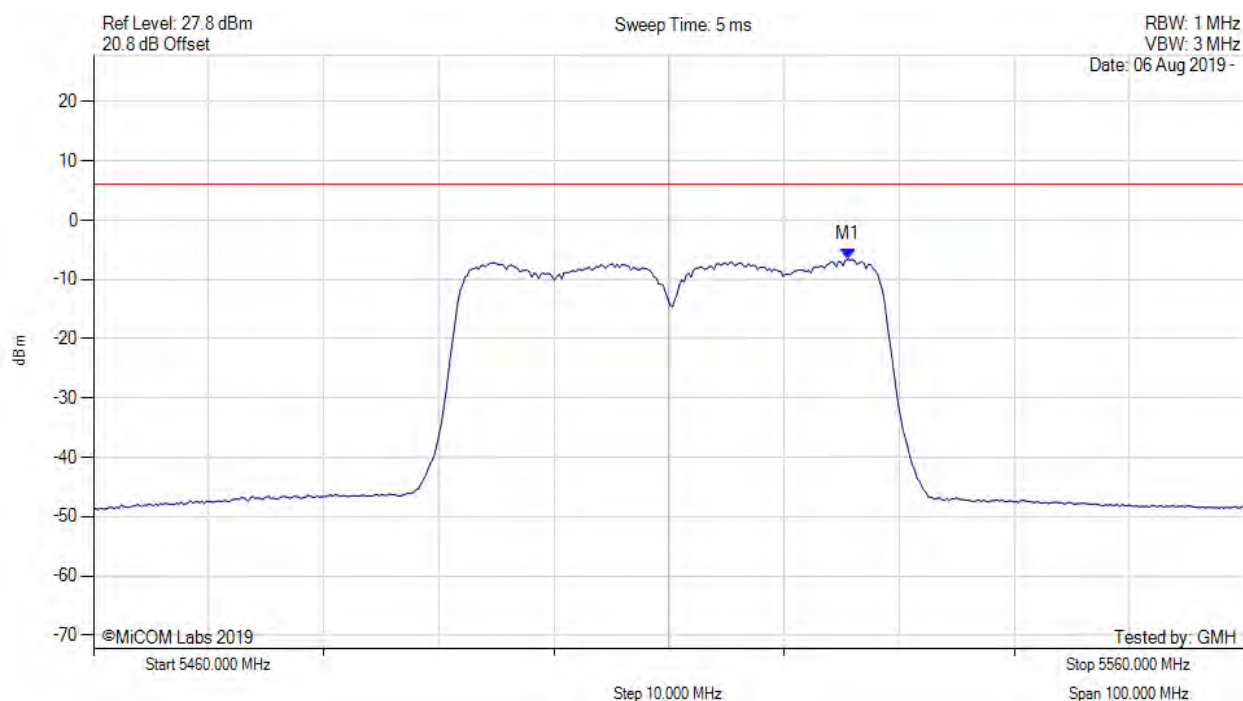
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5525.331 MHz : -6.294 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



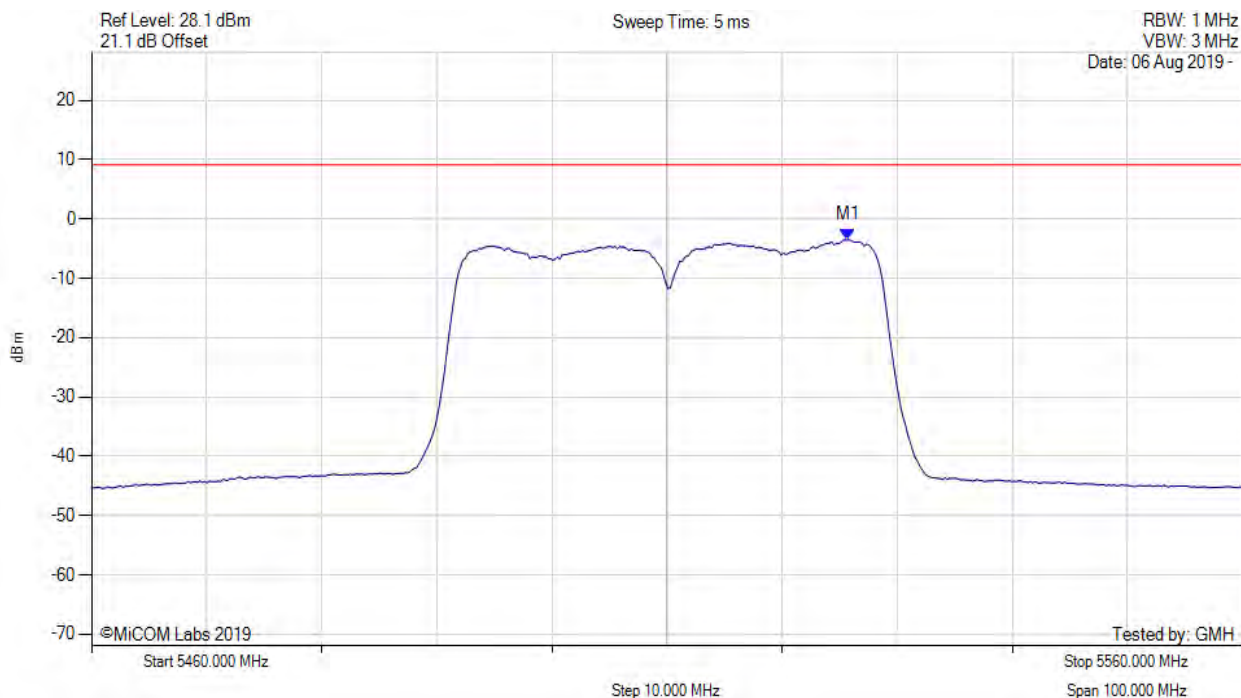
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5525.531 MHz : -6.593 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5510.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



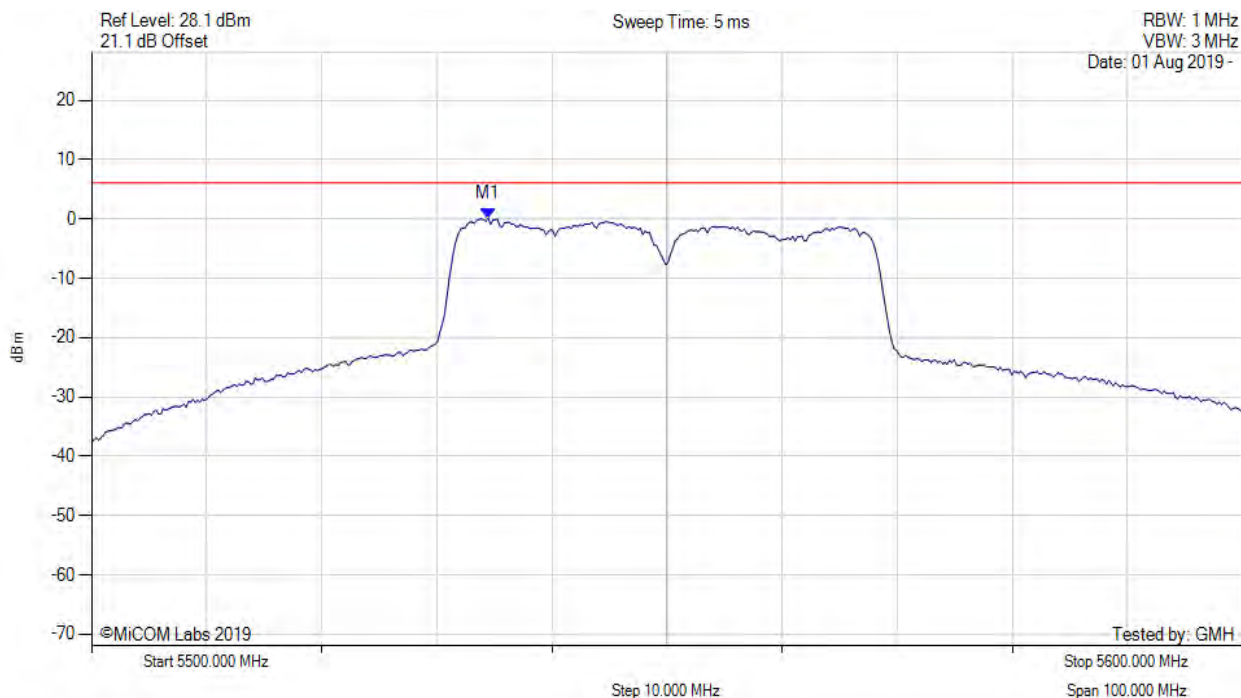
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5525.700 MHz : -3.504 dBm M1 + DCCF : 5525.700 MHz : -3.416 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 9.1 dBm Margin: -12.5 dB

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain a, Temp: 20, Voltage: 55 Vdc



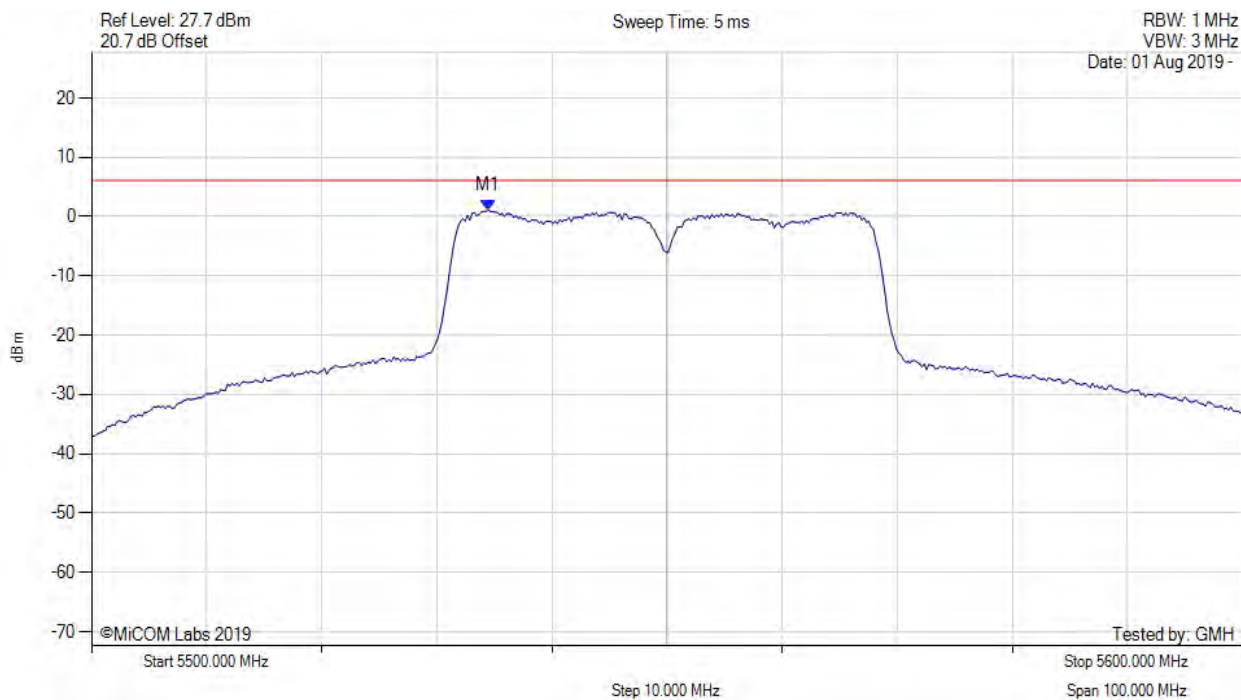
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5534.469 MHz : 0.125 dBm	Limit: ≤ 6.090 dBm

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain b, Temp: 20, Voltage: 55 Vdc



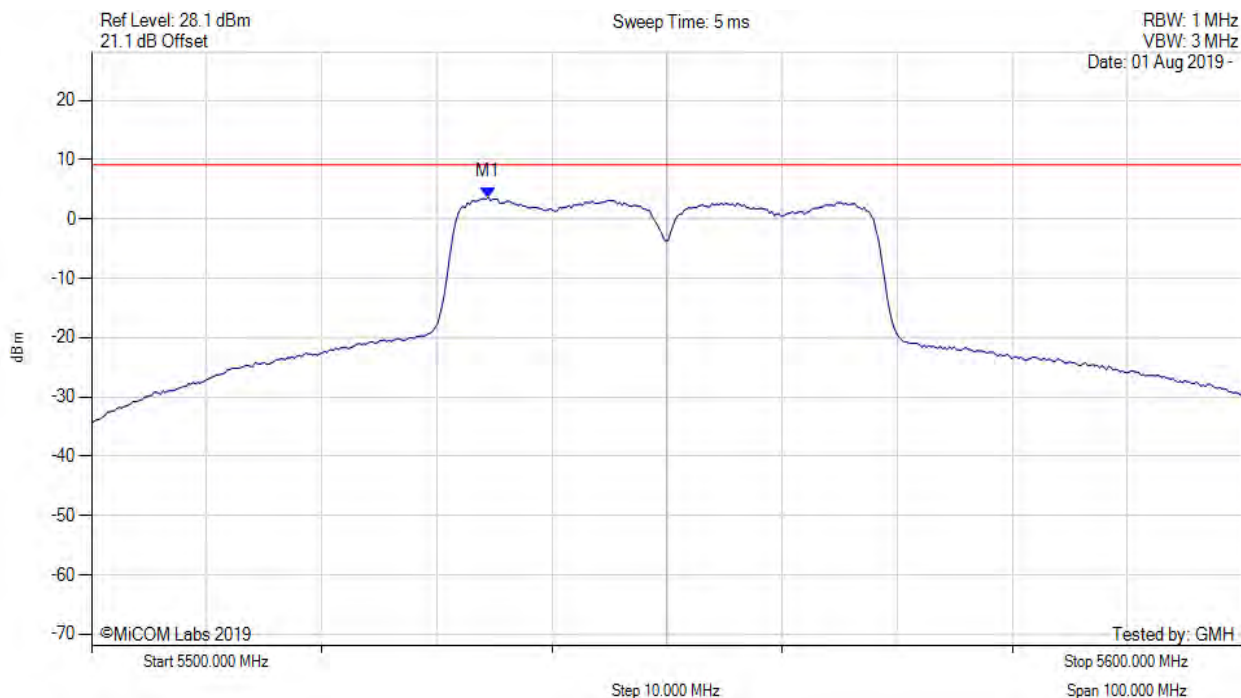
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5534.469 MHz : 1.076 dBm	Channel Frequency: 5550.00 MHz

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5550.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



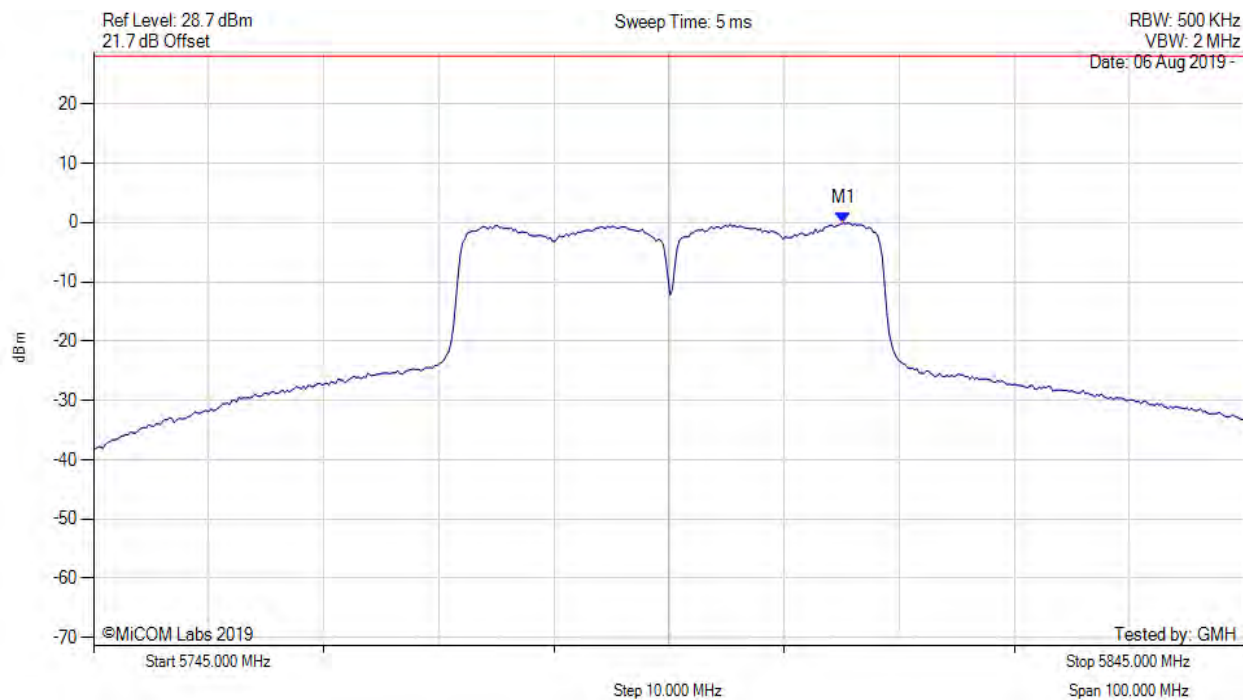
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5534.500 MHz : 3.637 dBm M1 + DCCF : 5534.500 MHz : 3.725 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 9.1 dBm Margin: -5.4 dB

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POWER SPECTRAL DENSITY



Variant: 802.11n HT-40, Channel: 5795.00 MHz, SUM, Temp: 20, Voltage: 55 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5810.100 MHz : -0.051 dBm M1 + DCCF : 5810.100 MHz : 0.037 dBm Duty Cycle Correction Factor : +0.09 dB	Limit: ≤ 28.1 dBm Margin: -28.1 dB

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A.4. Radiated

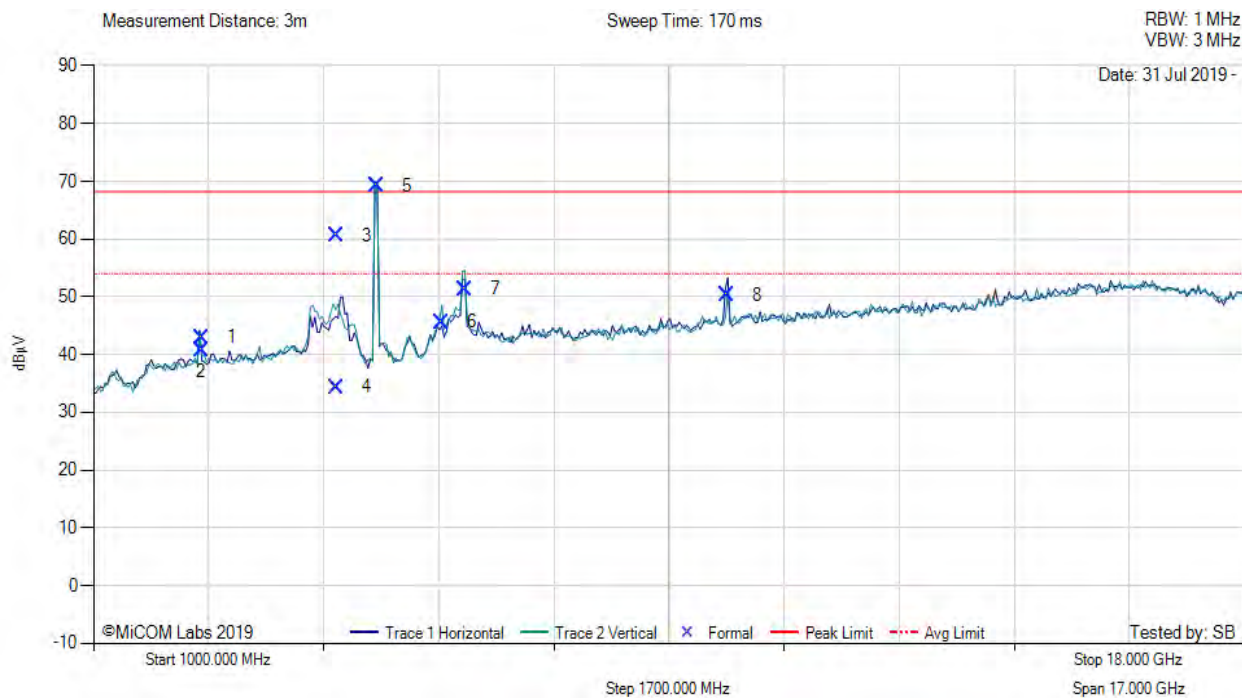
A.4.1. TX Spurious & Restricted Band Emissions

A.4.1.1. Aruba AB1



TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba AB1, Power Setting: 18, Duty Cycle (%): 99



1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB/m	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	2589.82	56.86	-1.84	-12.03	42.99	Peak (NRB)	Horizontal	100	0	--	--	Pass
2	2589.89	54.55	-1.84	-12.03	40.68	Peak (NRB)	Vertical	158	0	--	--	Pass
3	4586.04	75.17	-2.50	-12.04	60.63	Max Peak	Vertical	98	0	68.2	-7.6	Pass
4	4586.04	48.91	-2.50	-12.04	34.37	Max Avg	Vertical	98	0	54.0	-19.6	Pass
5	5181.30	83.89	-2.67	-11.99	69.23	Fundamental	Vertical	150	30	--	--	
6	6137.98	58.09	-2.86	-9.65	45.58	Peak (NRB)	Vertical	150	30	--	--	Pass
7	6477.90	63.25	-2.94	-8.91	51.40	Peak (NRB)	Vertical	150	30	--	--	Pass
8	10359.75	59.73	-3.86	-5.61	50.26	Peak (NRB)	Horizontal	150	30	--	--	Pass

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