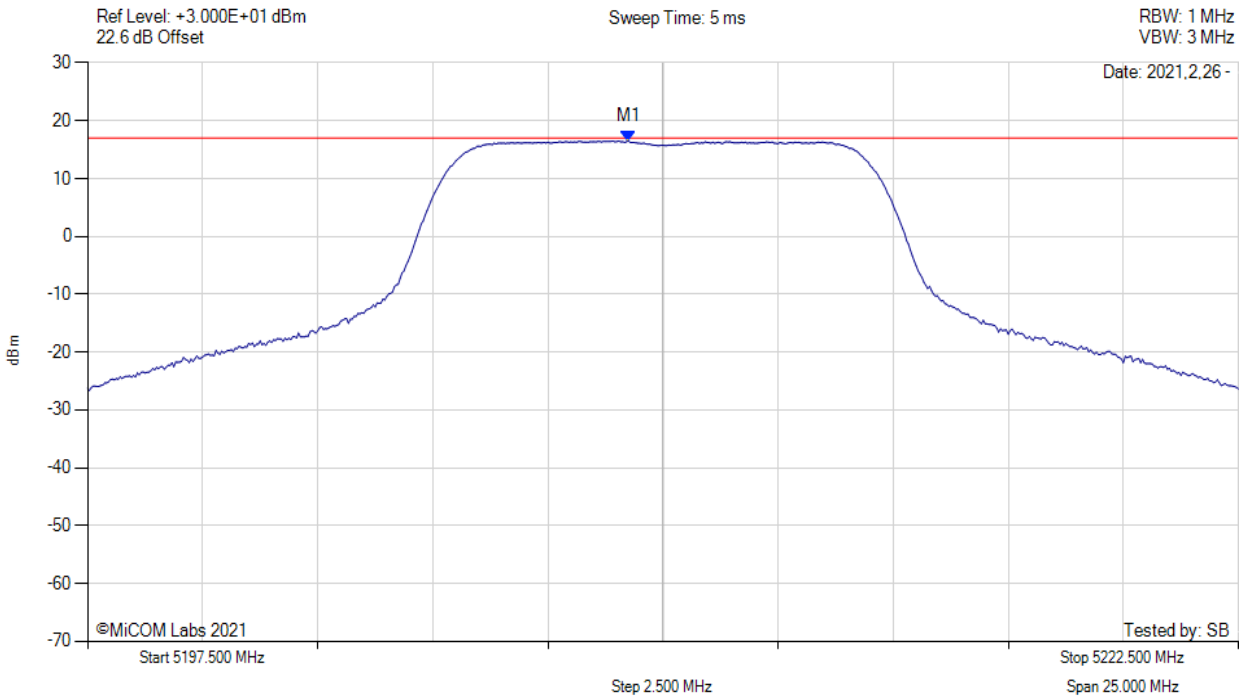
POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

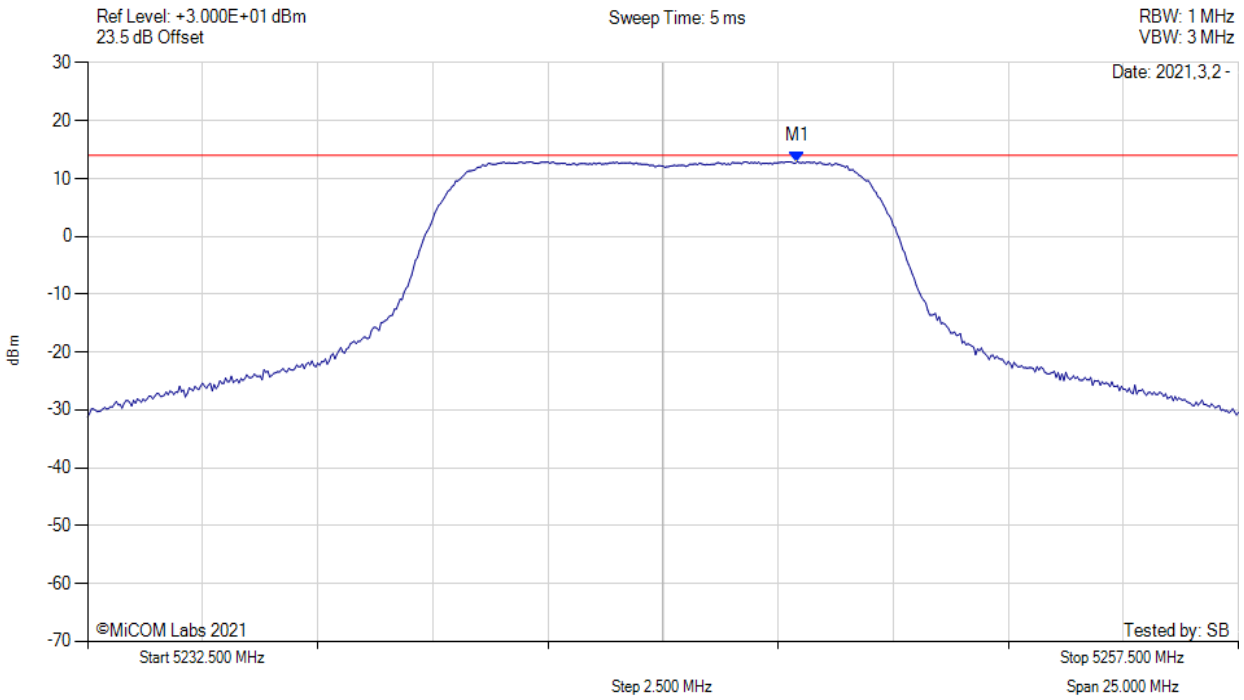


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5209.300 MHz : 16.503 dBm M1 + DCCF : 5209.300 MHz : 16.547 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -0.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

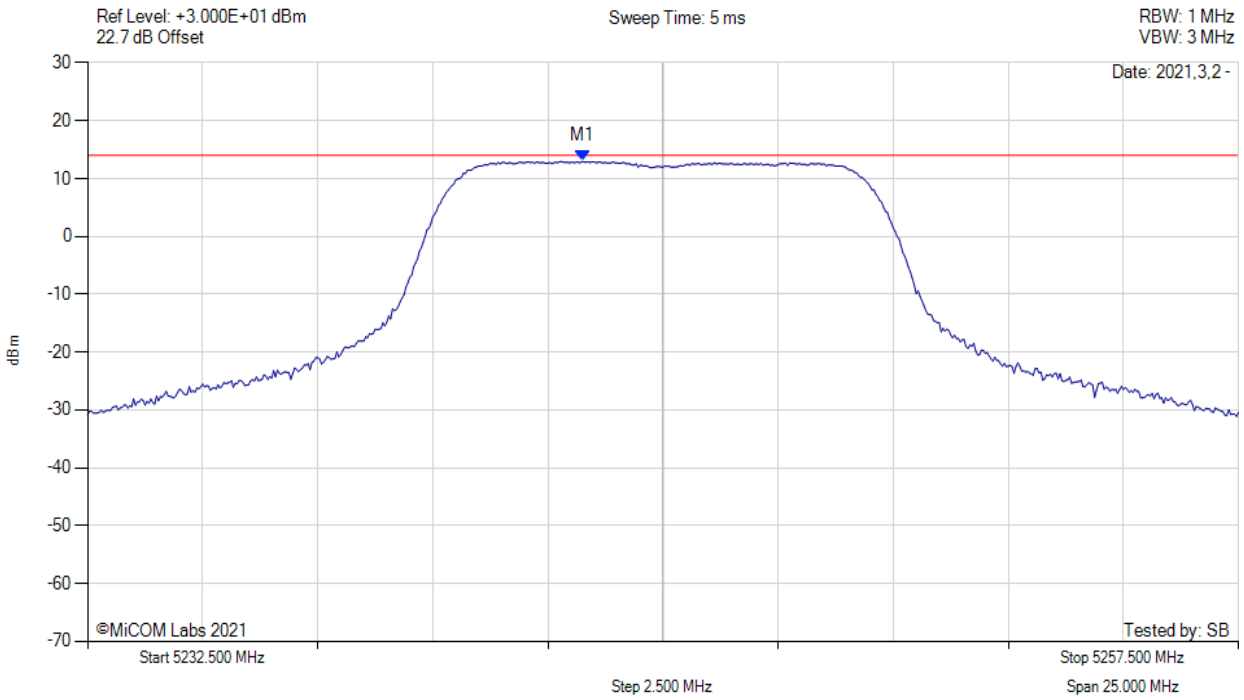


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5247.920 MHz : 12.945 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

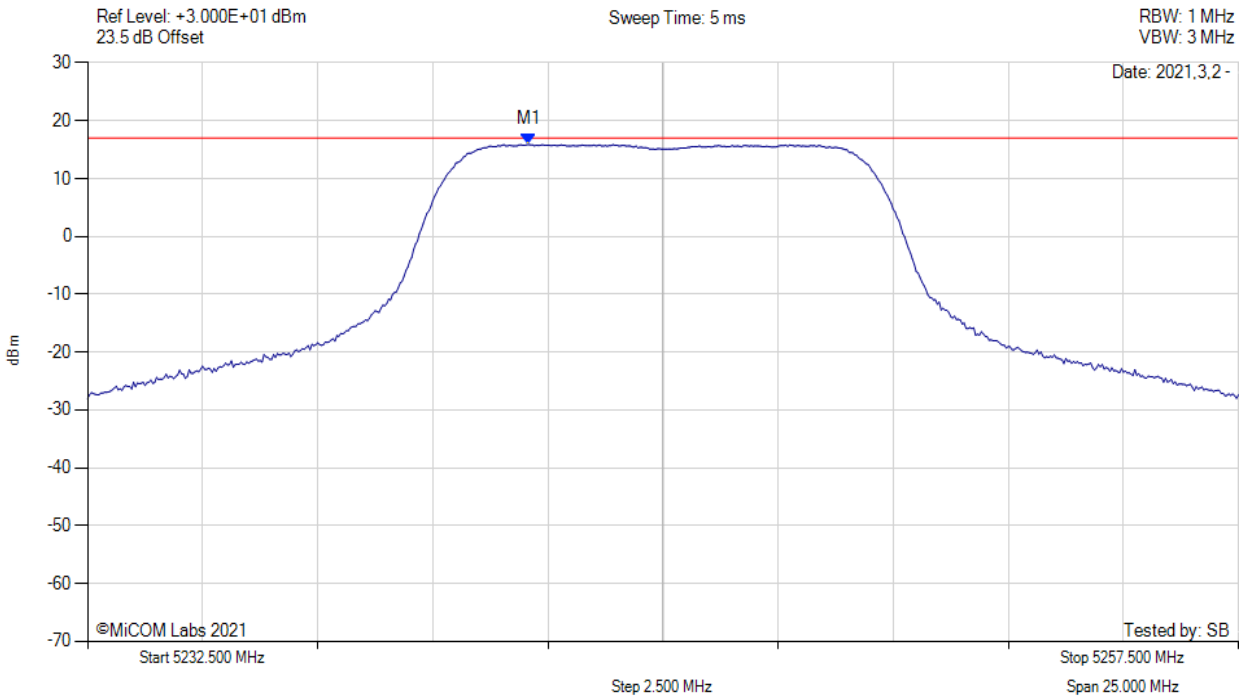


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5243.250 MHz : 12.978 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

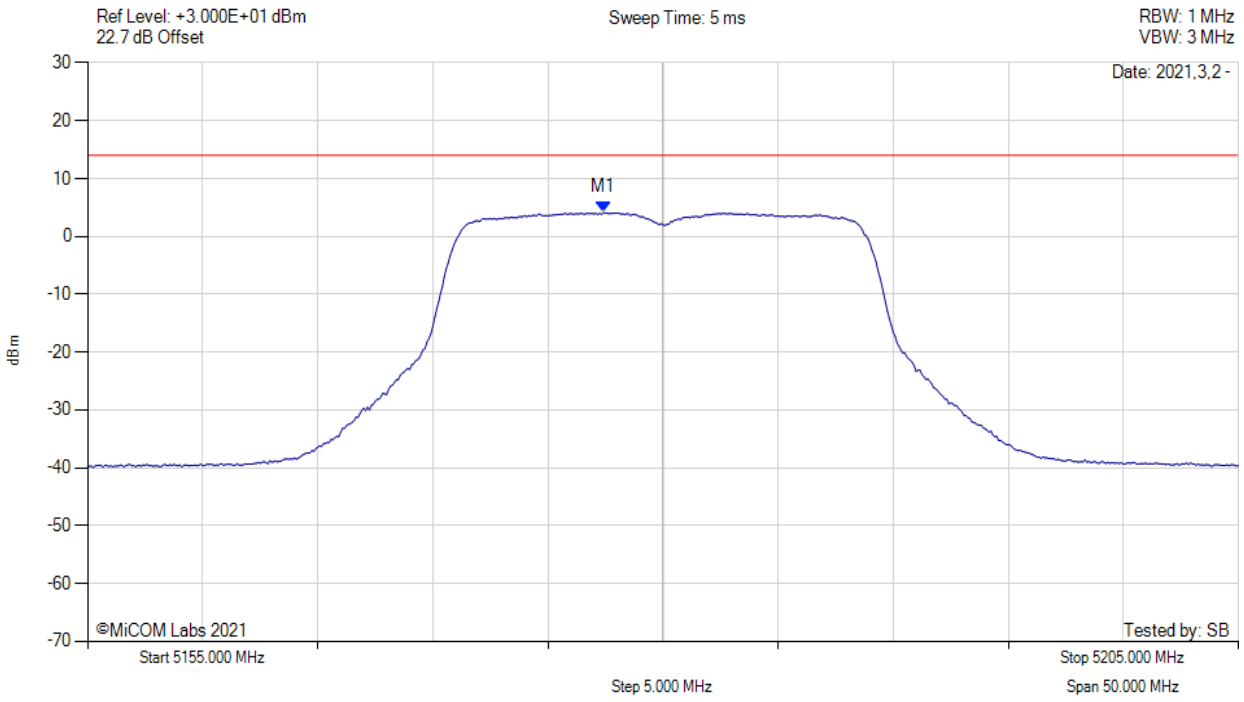


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5242.100 MHz : 15.882 dBm M1 + DCCF : 5242.100 MHz : 15.926 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -1.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

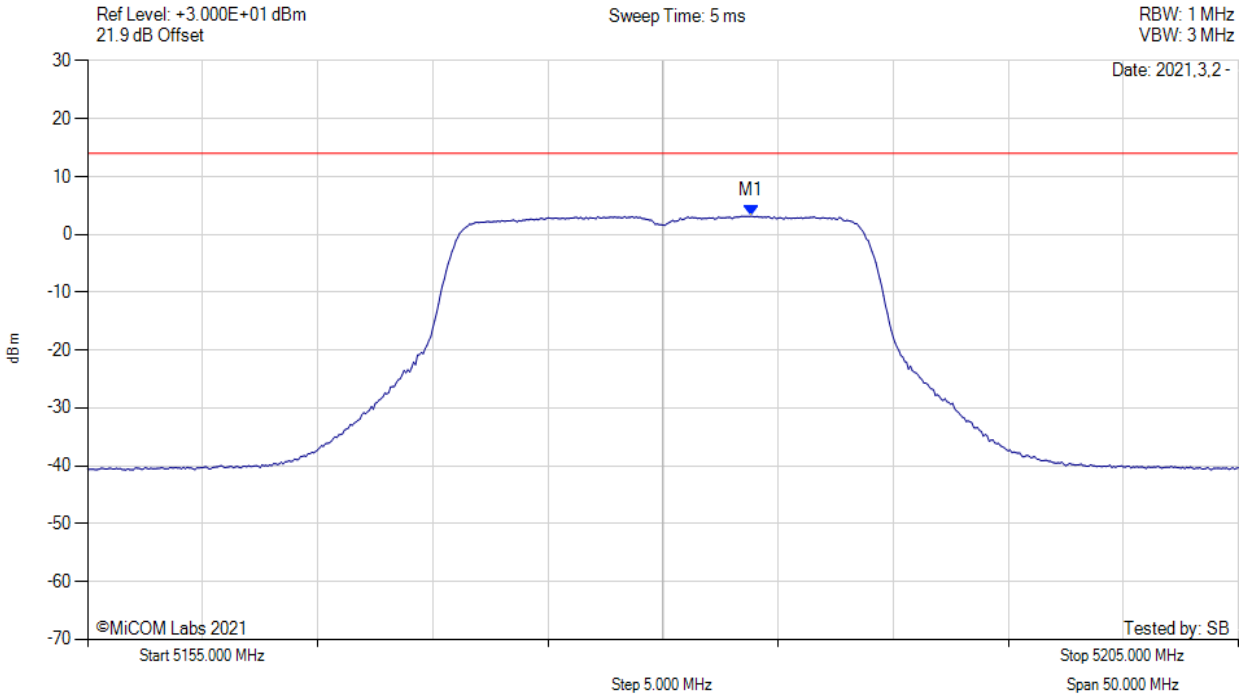


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5177.420 MHz : 4.124 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

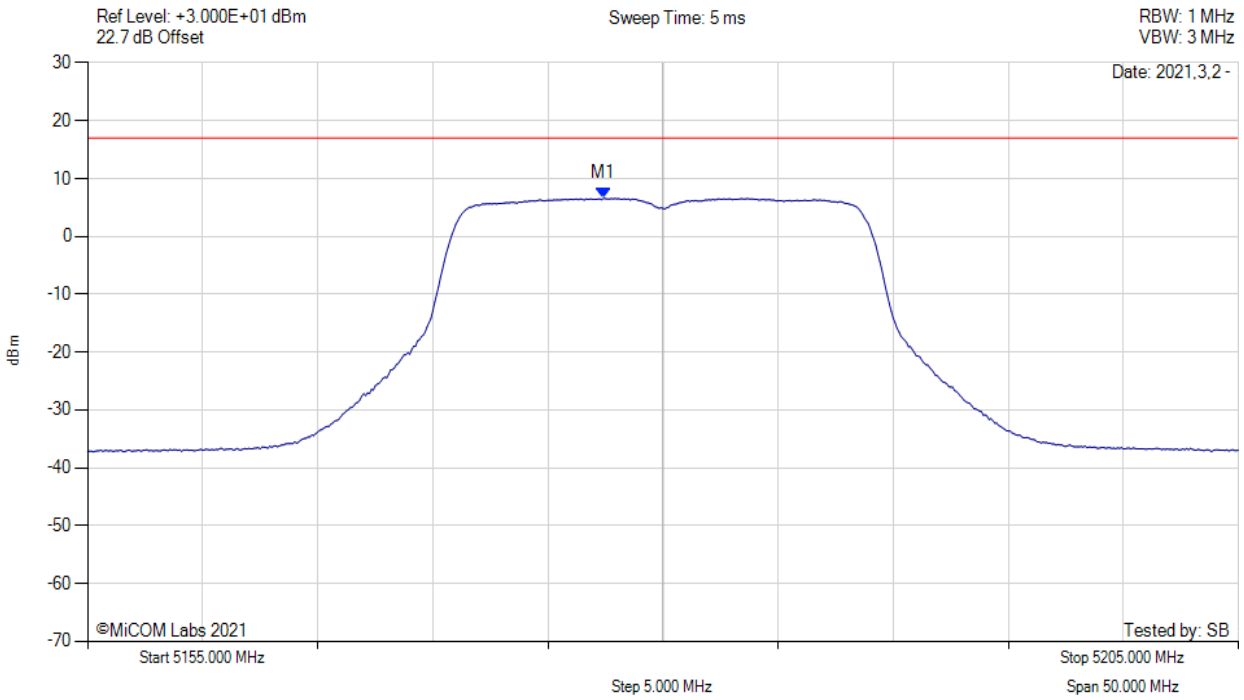


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5183.830 MHz : 3.172 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

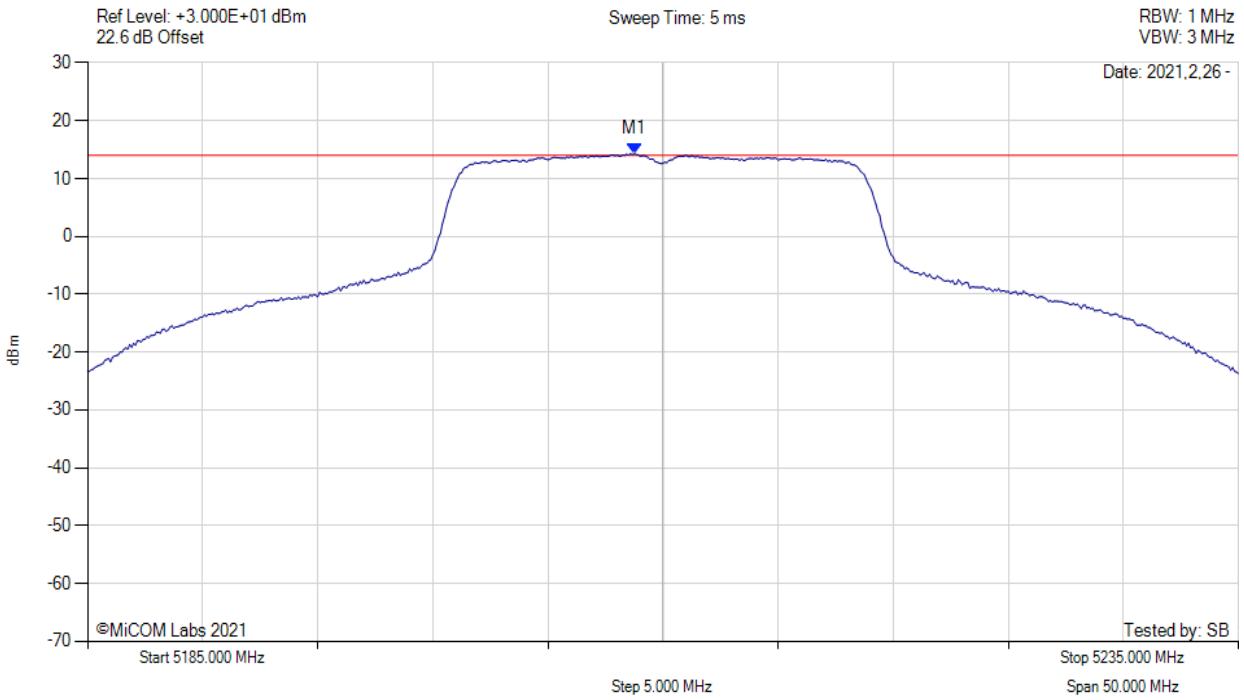


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5177.400 MHz : 6.586 dBm M1 + DCCF : 5177.400 MHz : 6.630 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -10.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

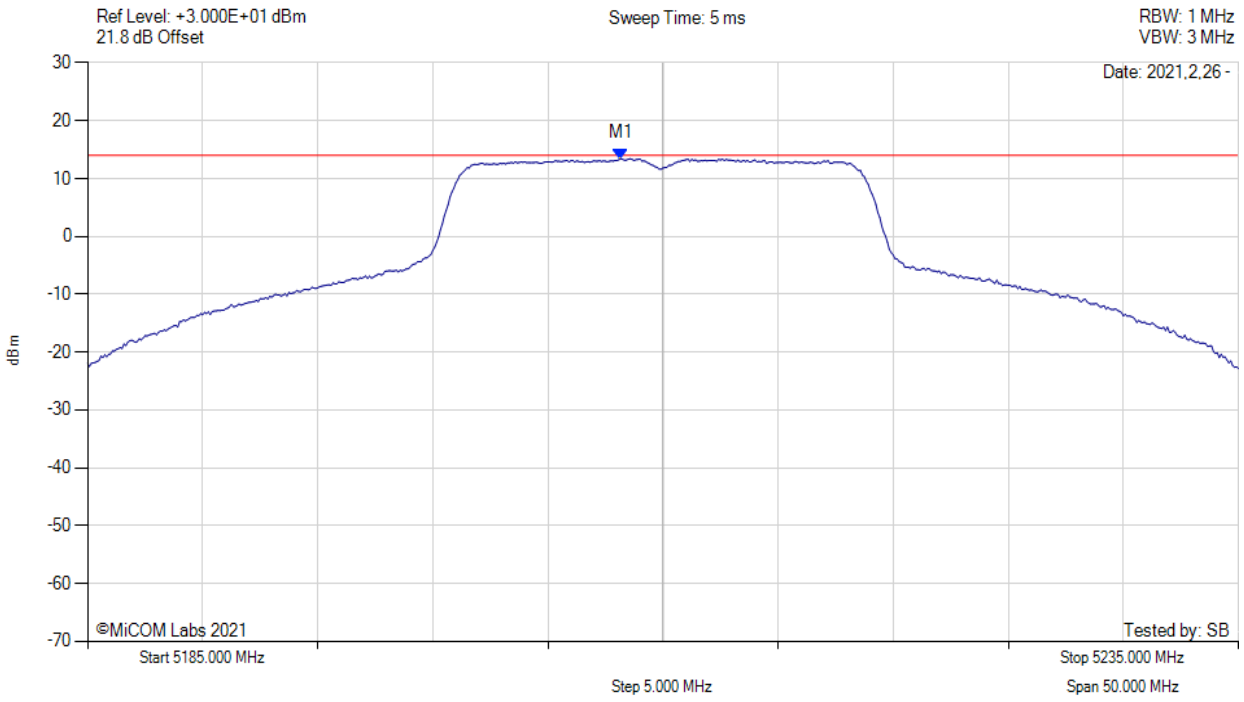


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.750 MHz : 14.306 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

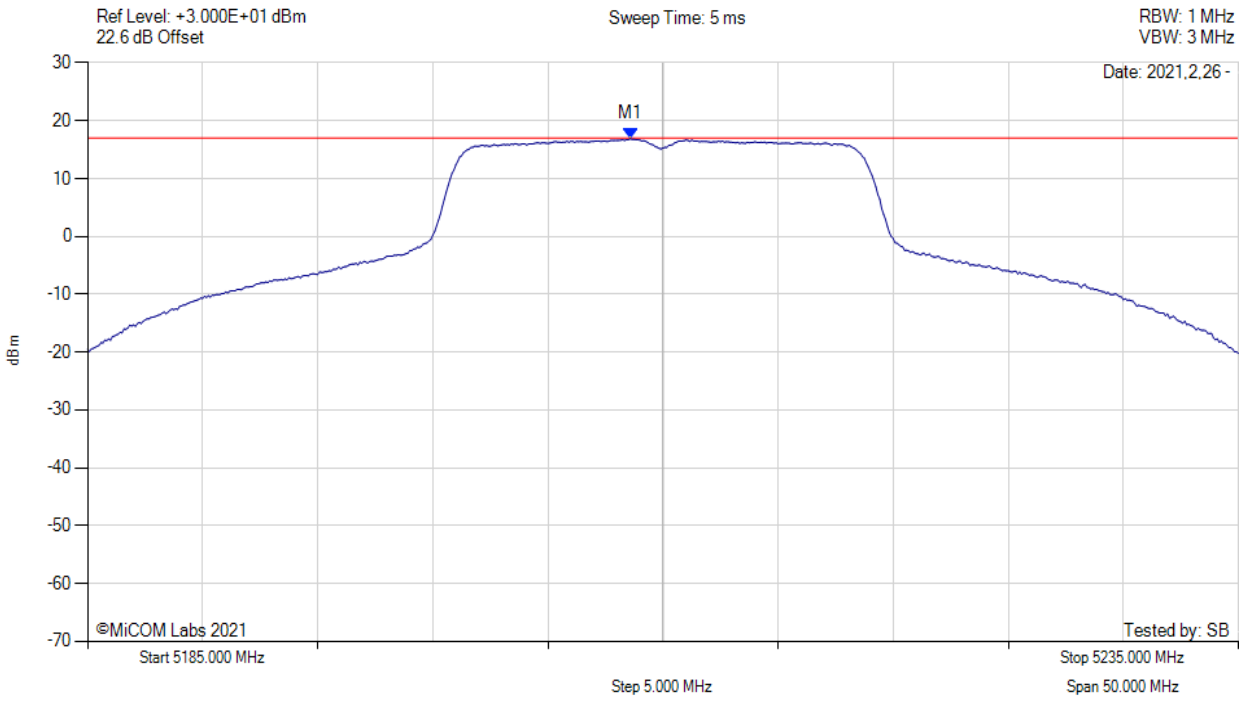


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.170 MHz : 13.437 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

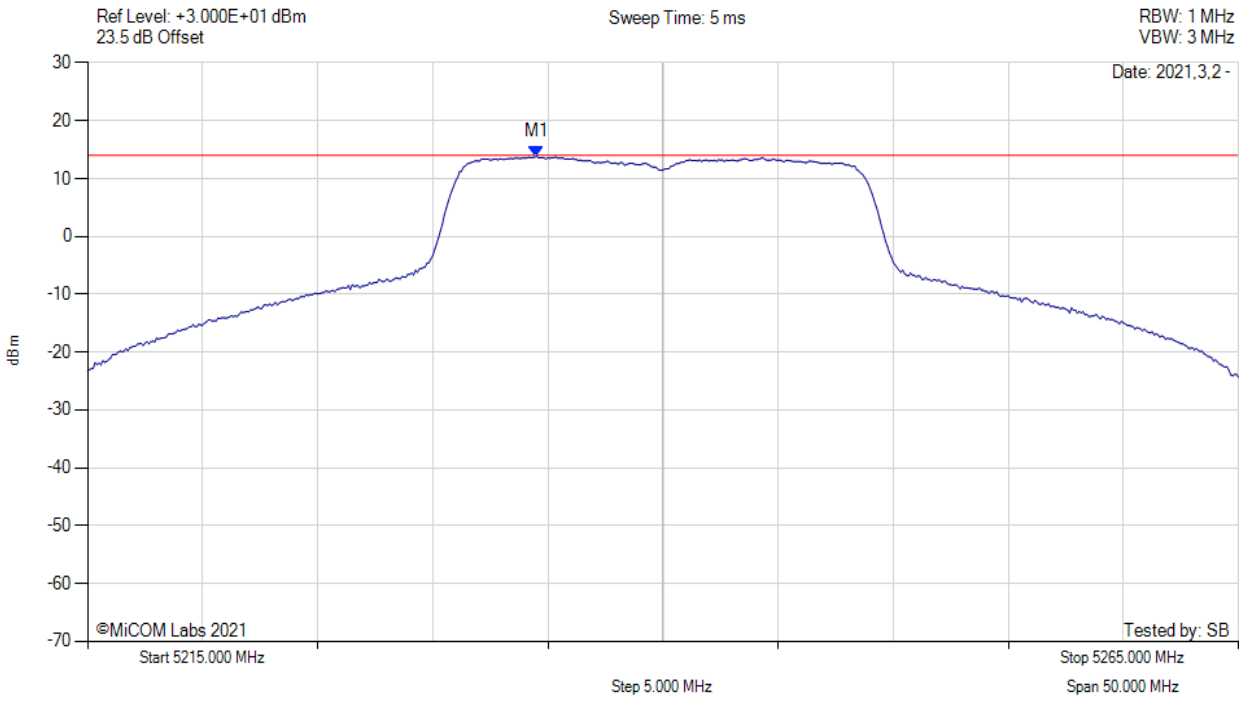


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.600 MHz : 16.885 dBm M1 + DCCF : 5208.600 MHz : 16.929 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -0.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

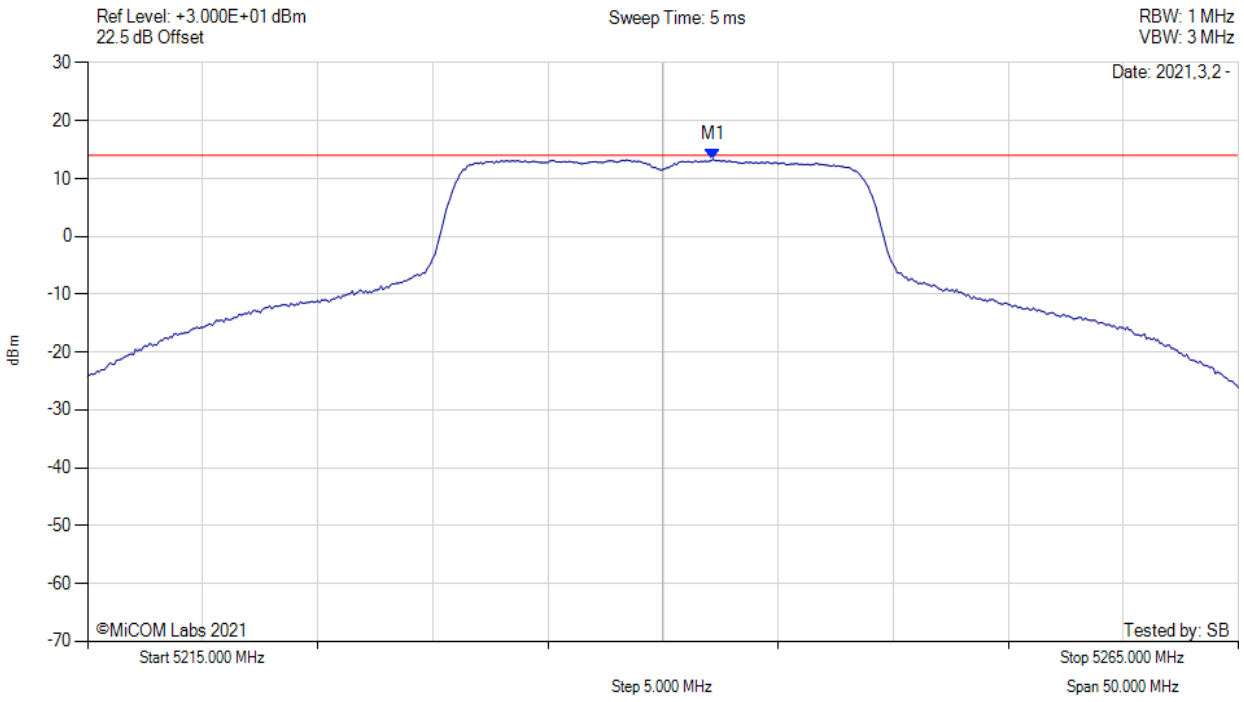


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5234.500 MHz : 13.868 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

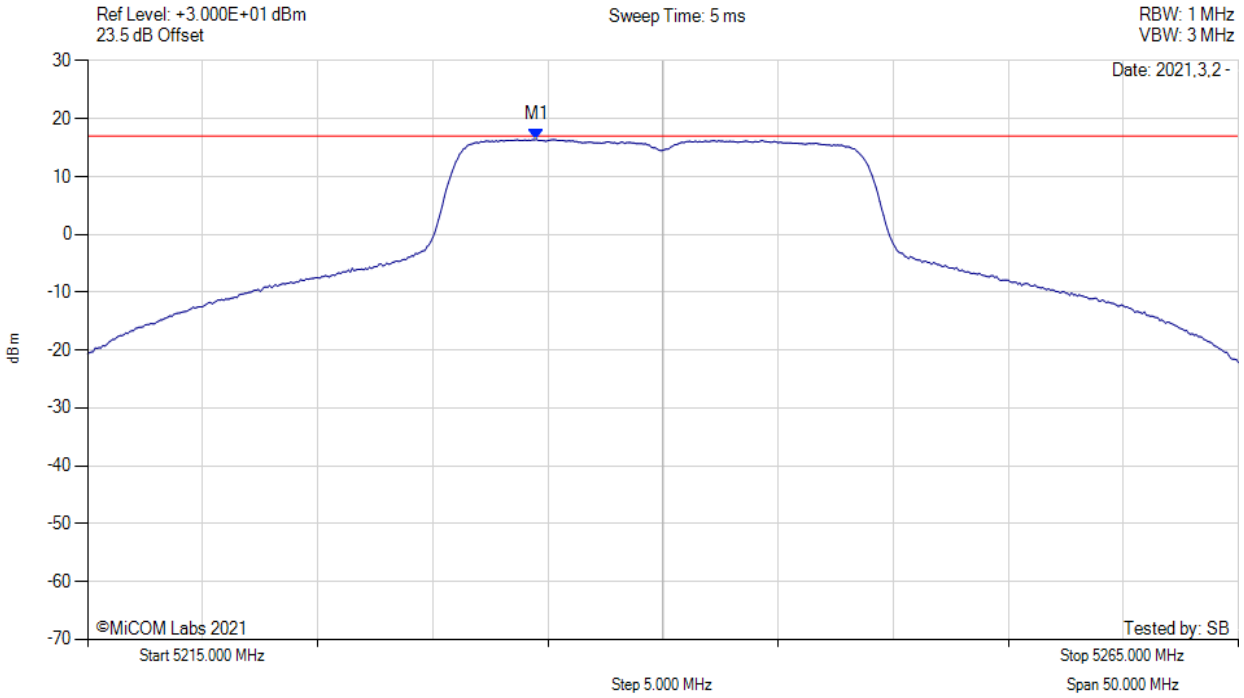


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5242.170 MHz : 13.317 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

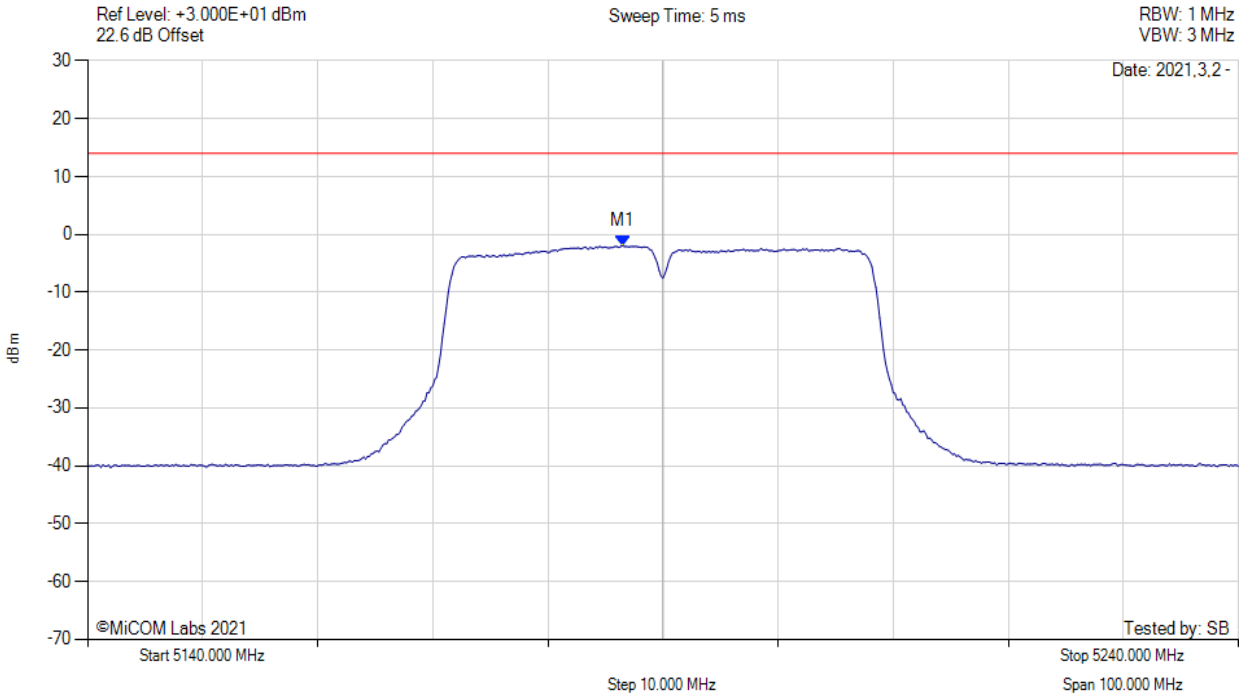


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5234.500 MHz : 16.428 dBm M1 + DCCF : 5234.500 MHz : 16.472 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -0.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

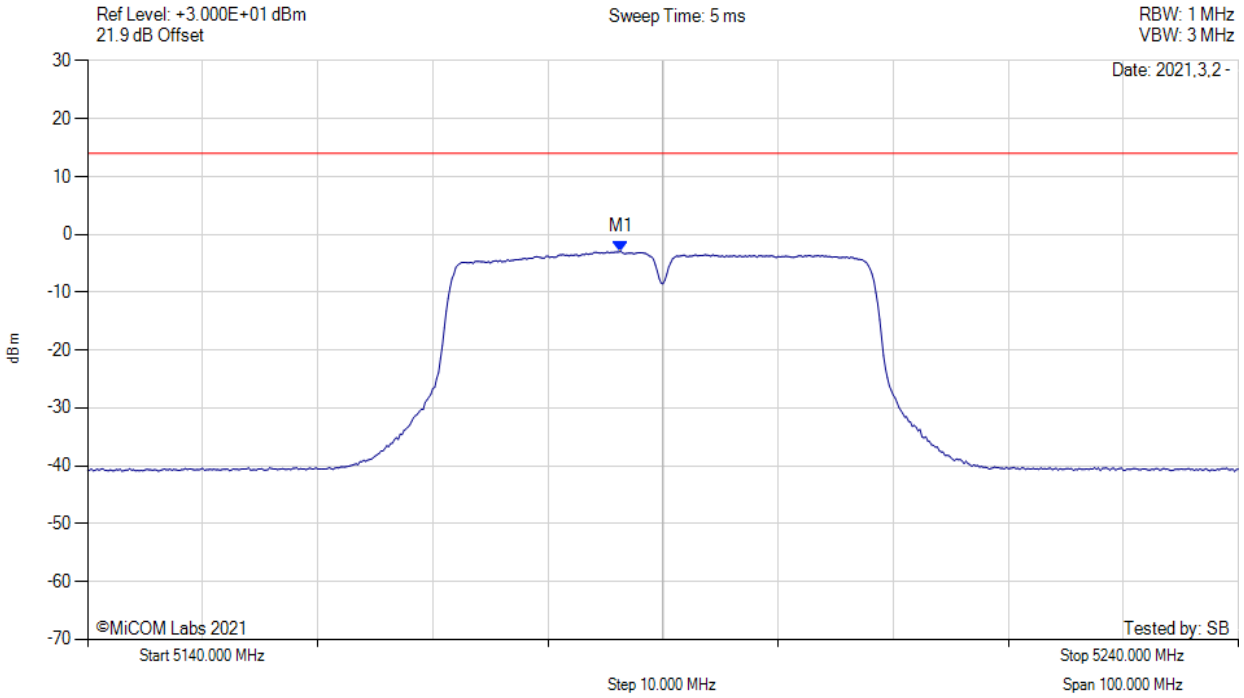


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5186.500 MHz : -1.969 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

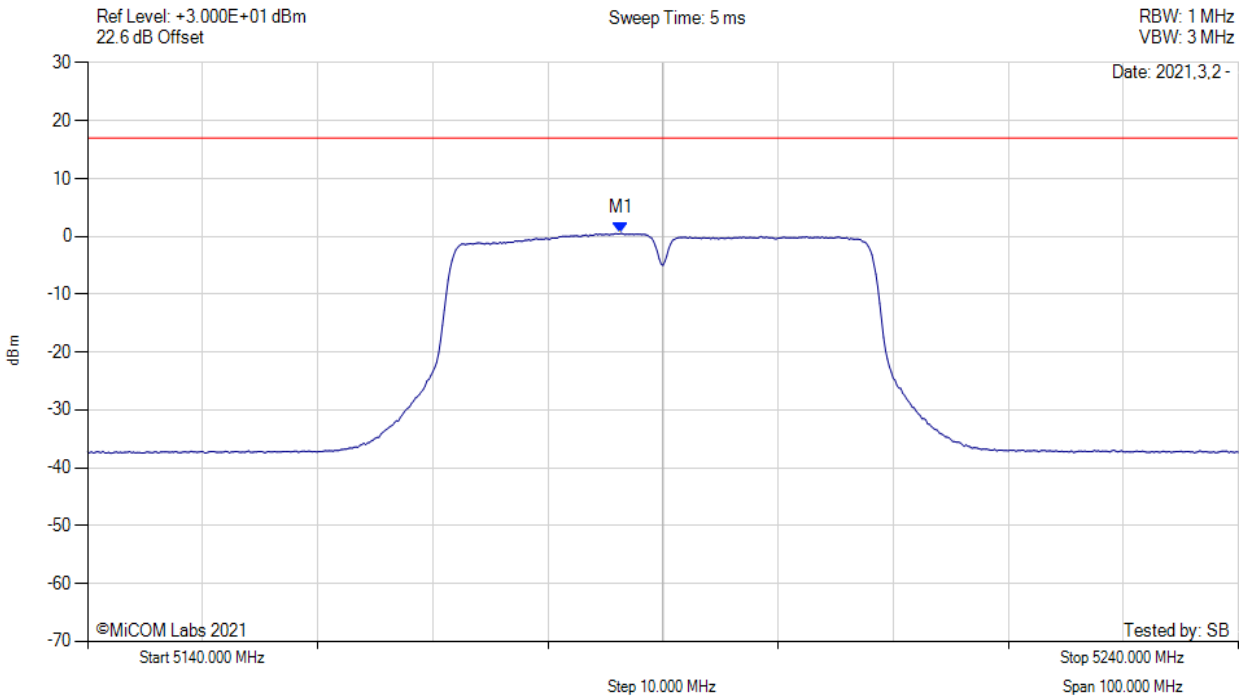


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5186.330 MHz : -2.937 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

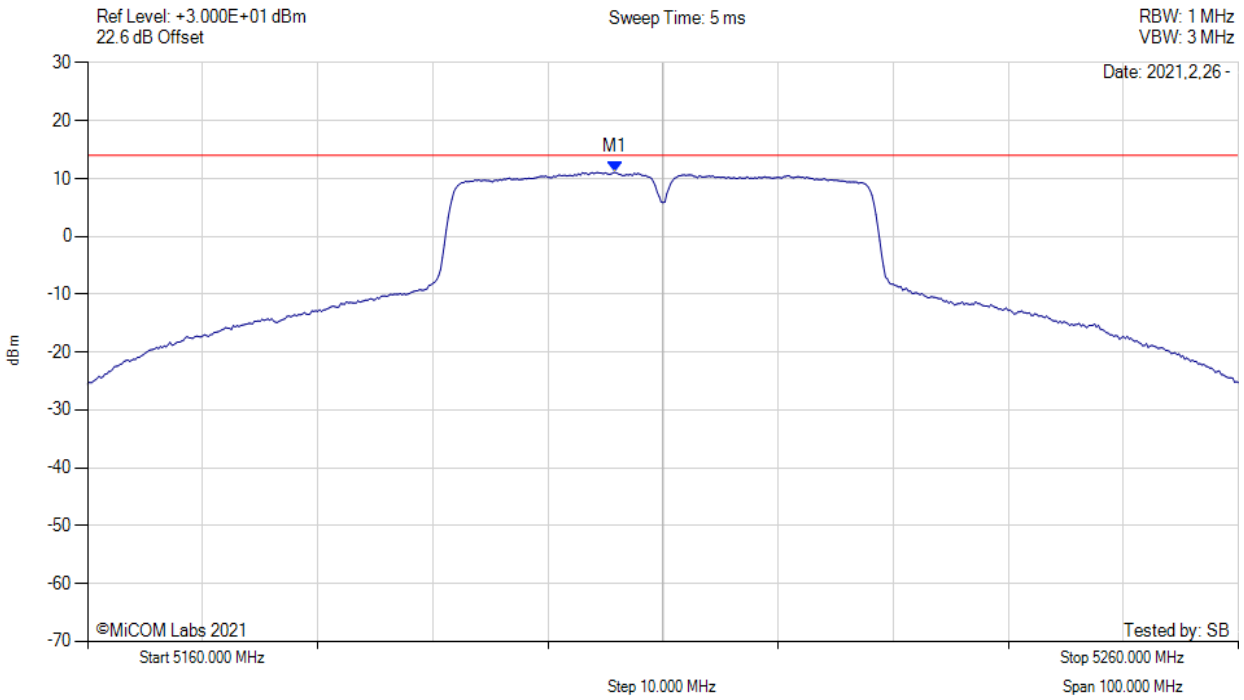


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5186.300 MHz : 0.529 dBm M1 + DCCF : 5186.300 MHz : 0.573 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -16.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

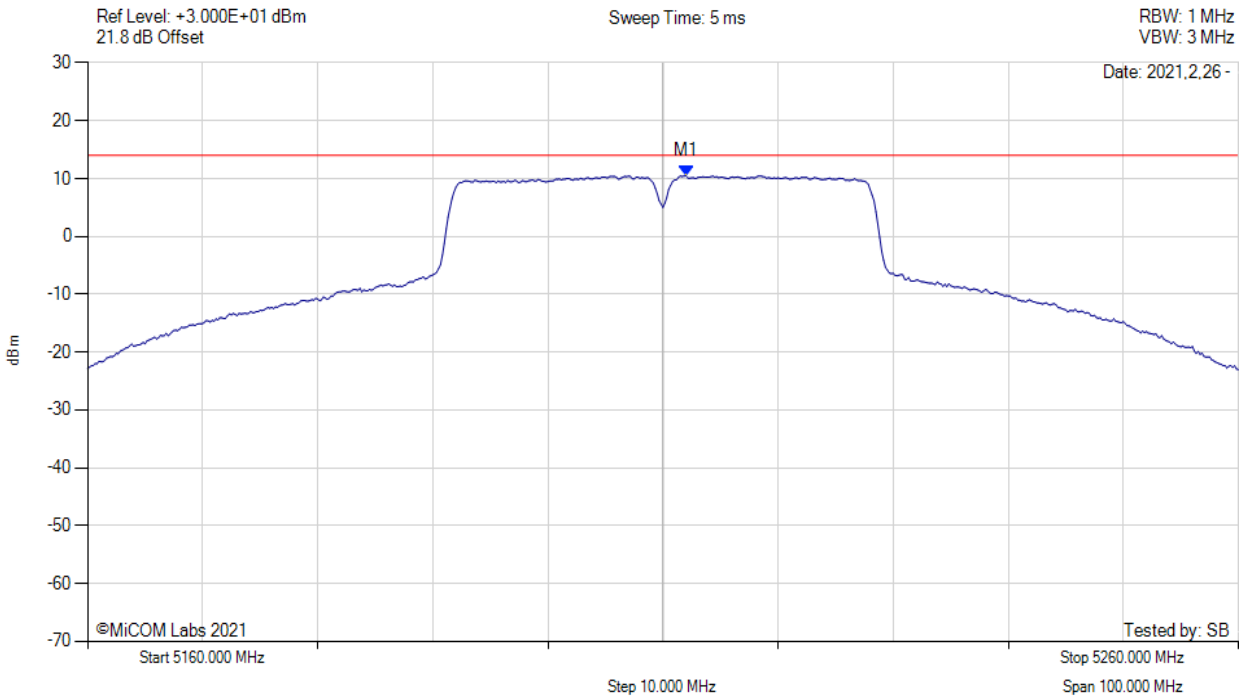


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5205.830 MHz : 11.083 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

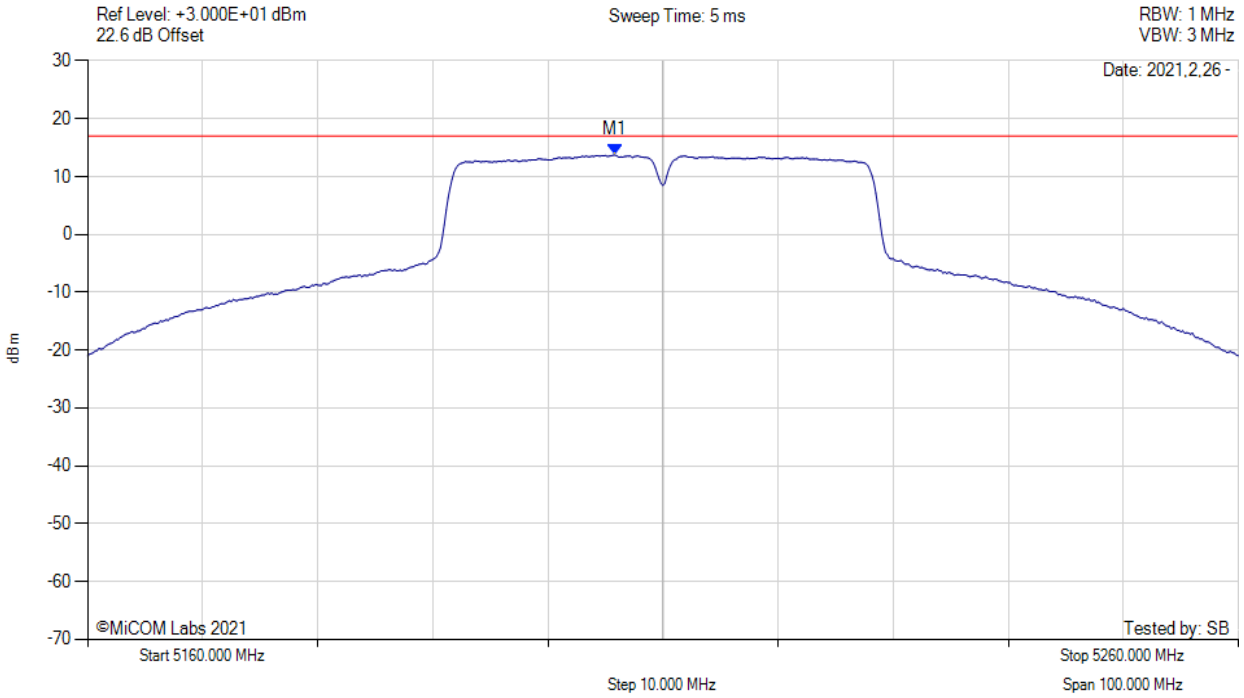


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5212.000 MHz : 10.478 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

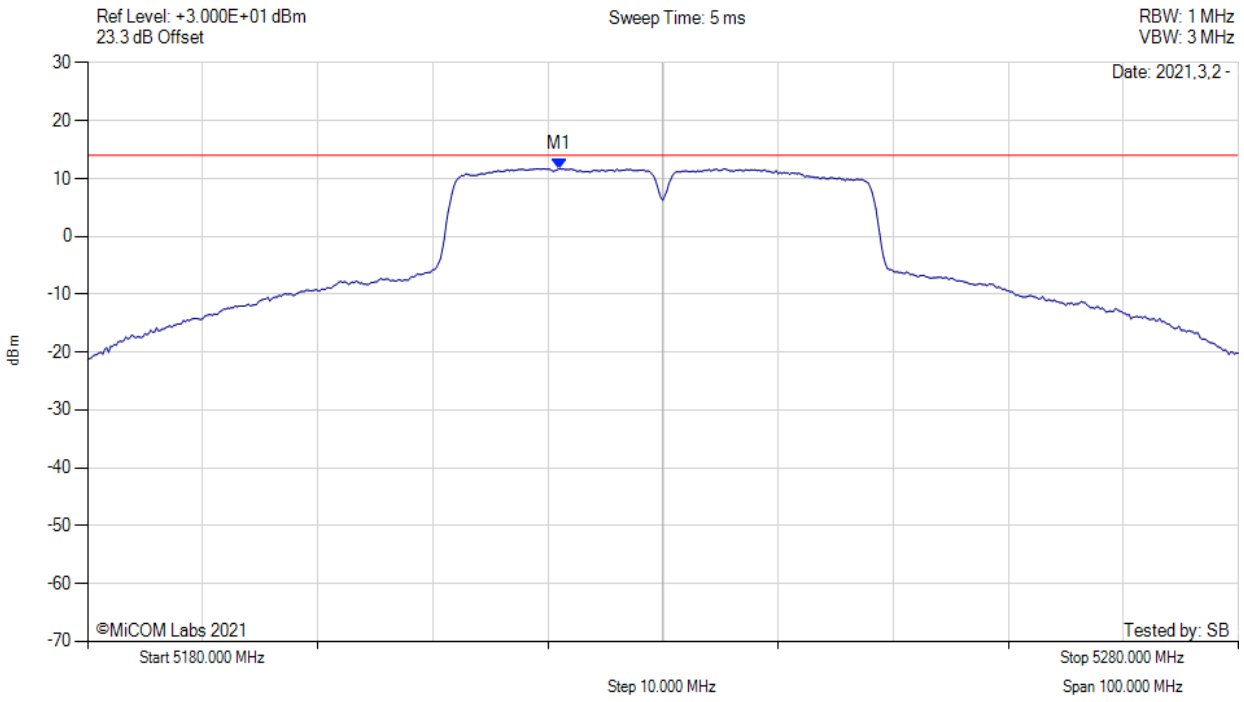


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5205.800 MHz : 13.745 dBm M1 + DCCF : 5205.800 MHz : 13.789 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -3.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

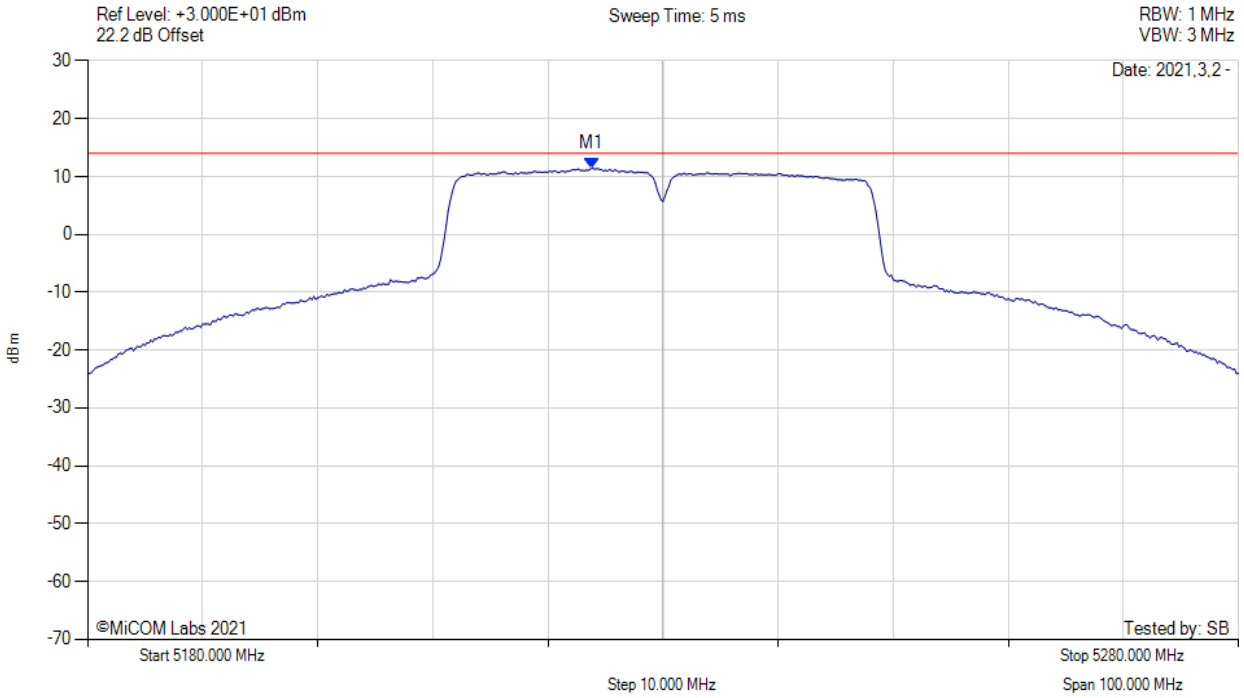


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5221.000 MHz : 11.723 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

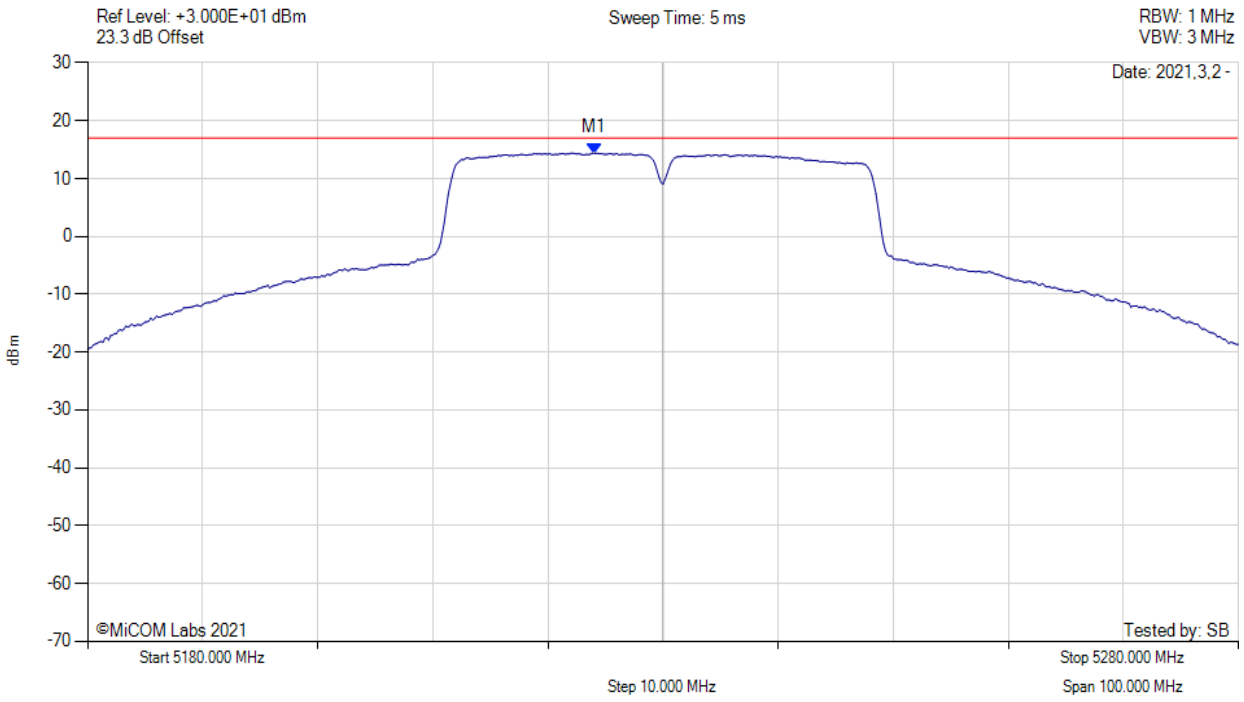


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5223.830 MHz : 11.456 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

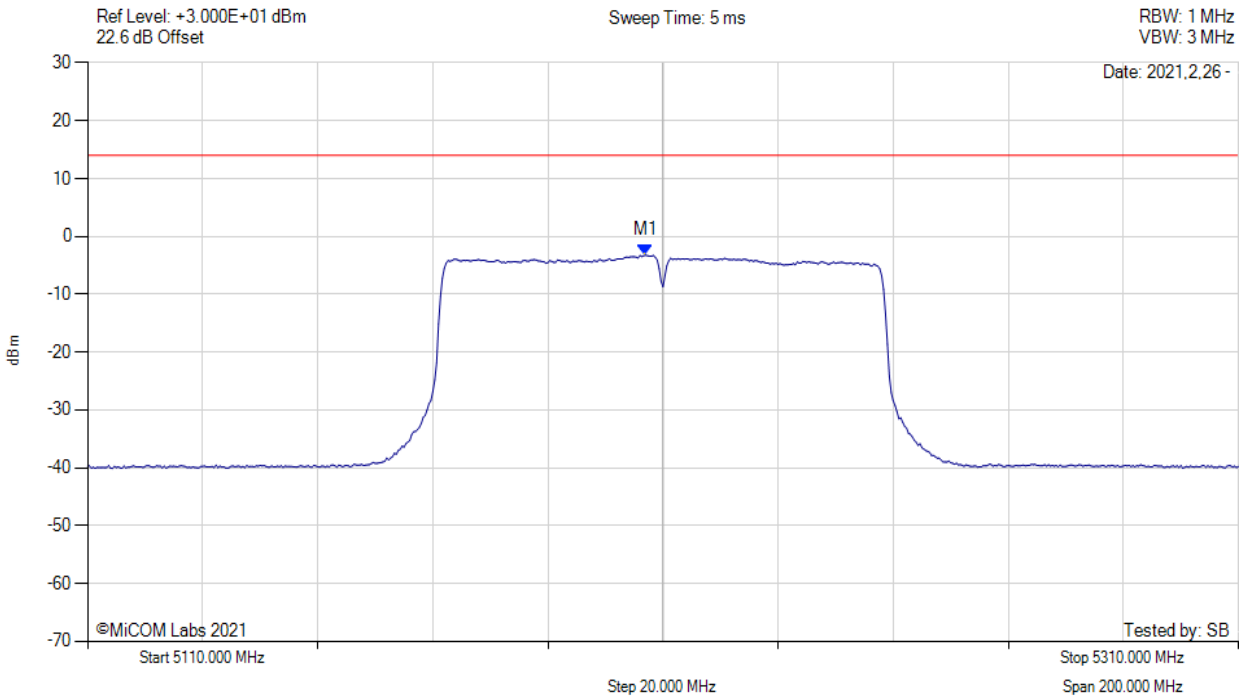


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5224.000 MHz : 14.403 dBm M1 + DCCF : 5224.000 MHz : 14.447 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -2.6 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

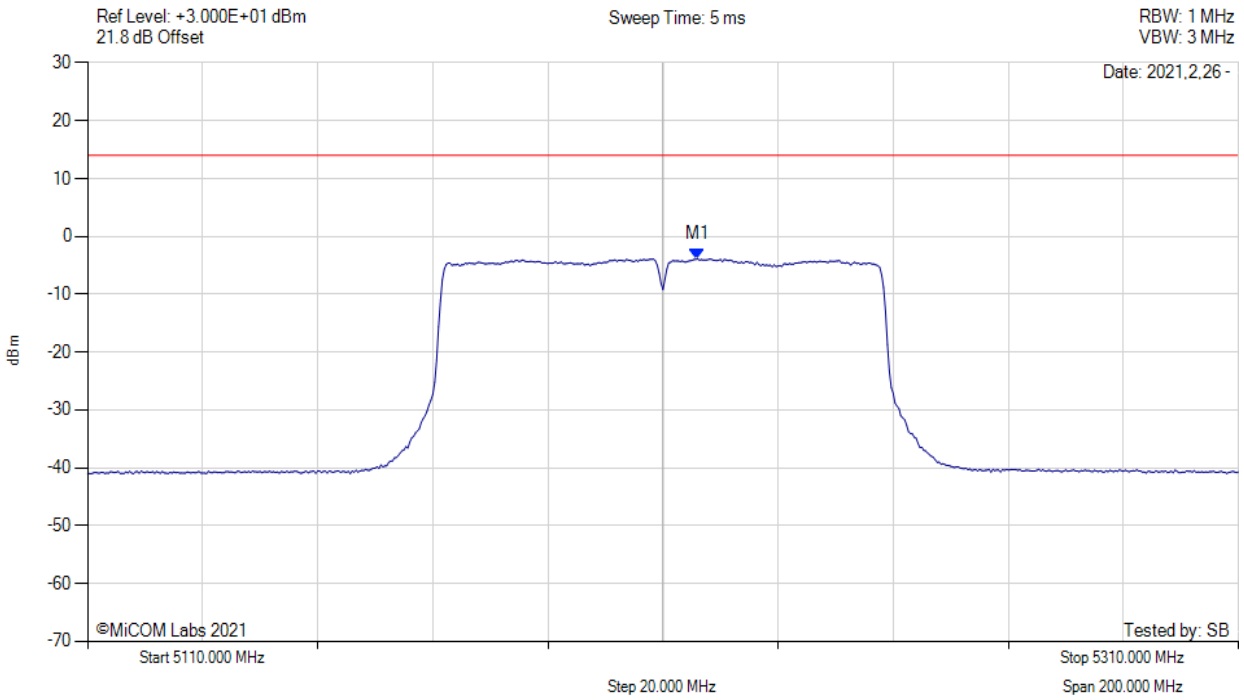


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5207.000 MHz : -3.235 dBm	Limit: ≤ 14.000 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

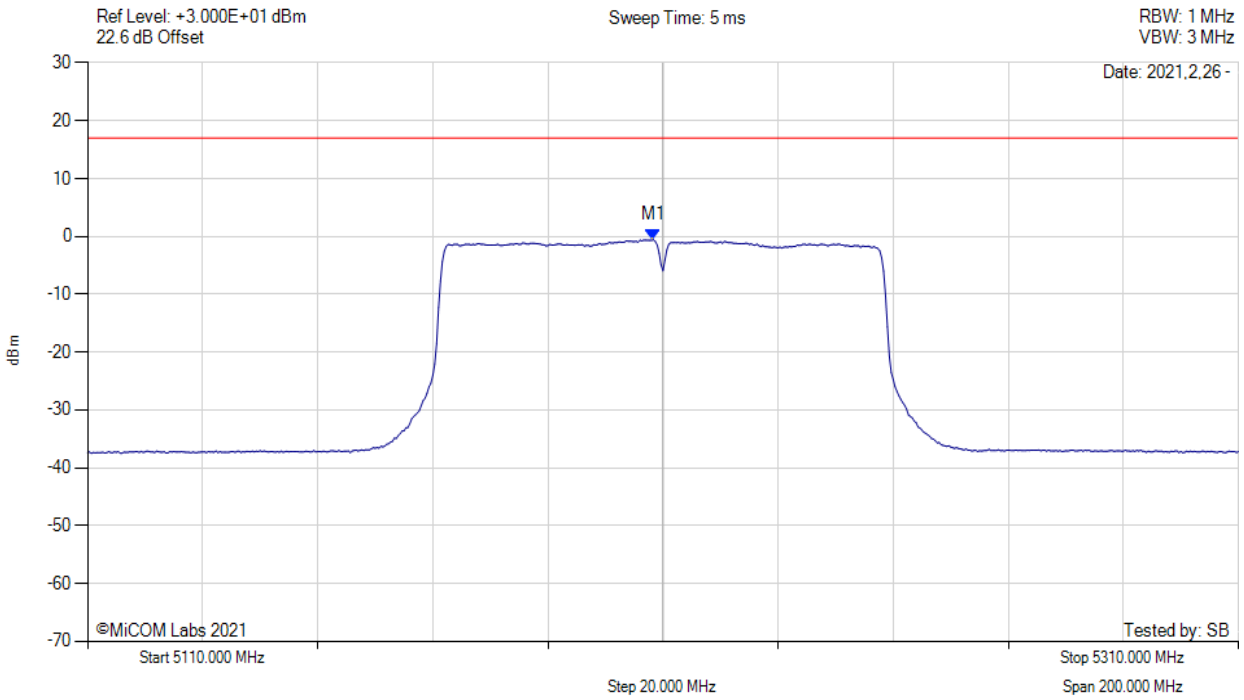


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5216.000 MHz : -3.893 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

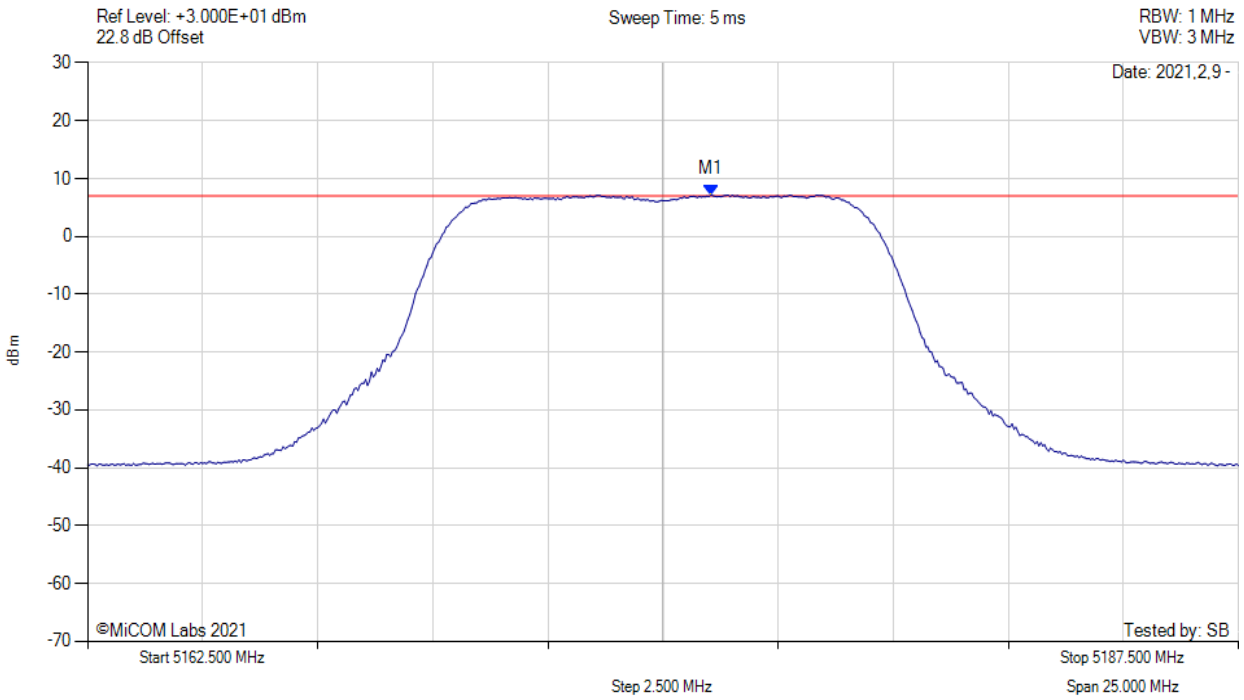


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.300 MHz : -0.579 dBm M1 + DCCF : 5208.300 MHz : -0.535 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 17.0 dBm Margin: -17.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5175.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

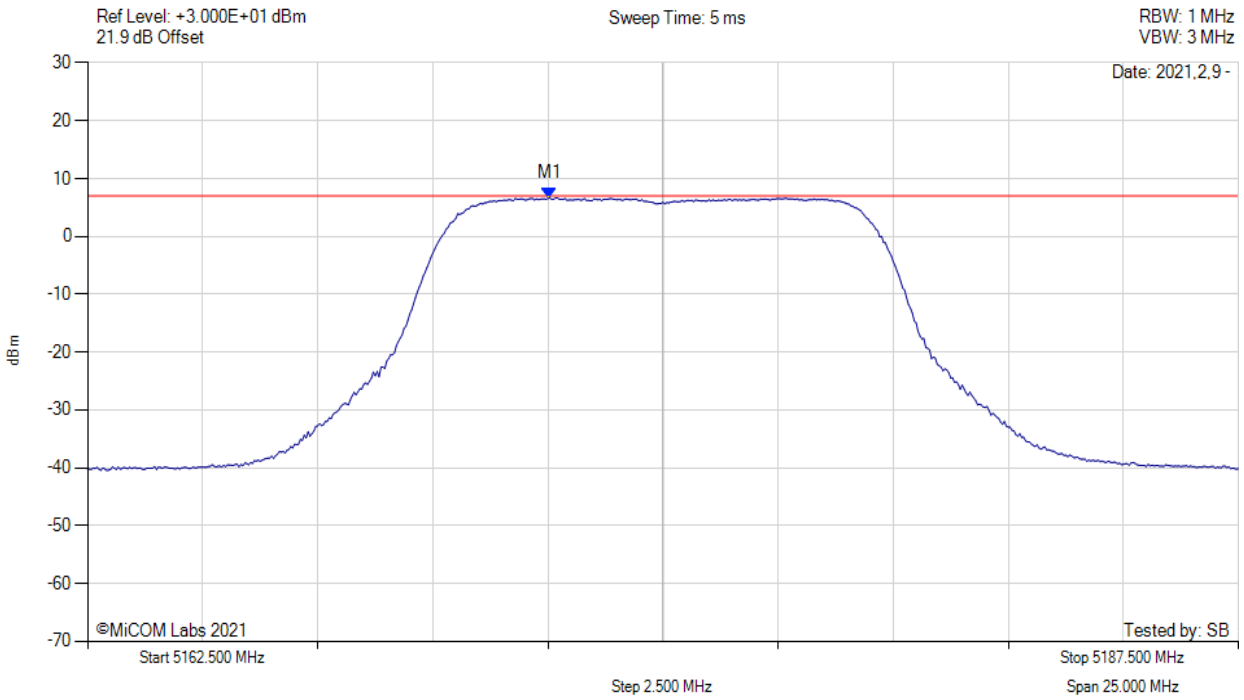


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5176.040 MHz : 7.203 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5175.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

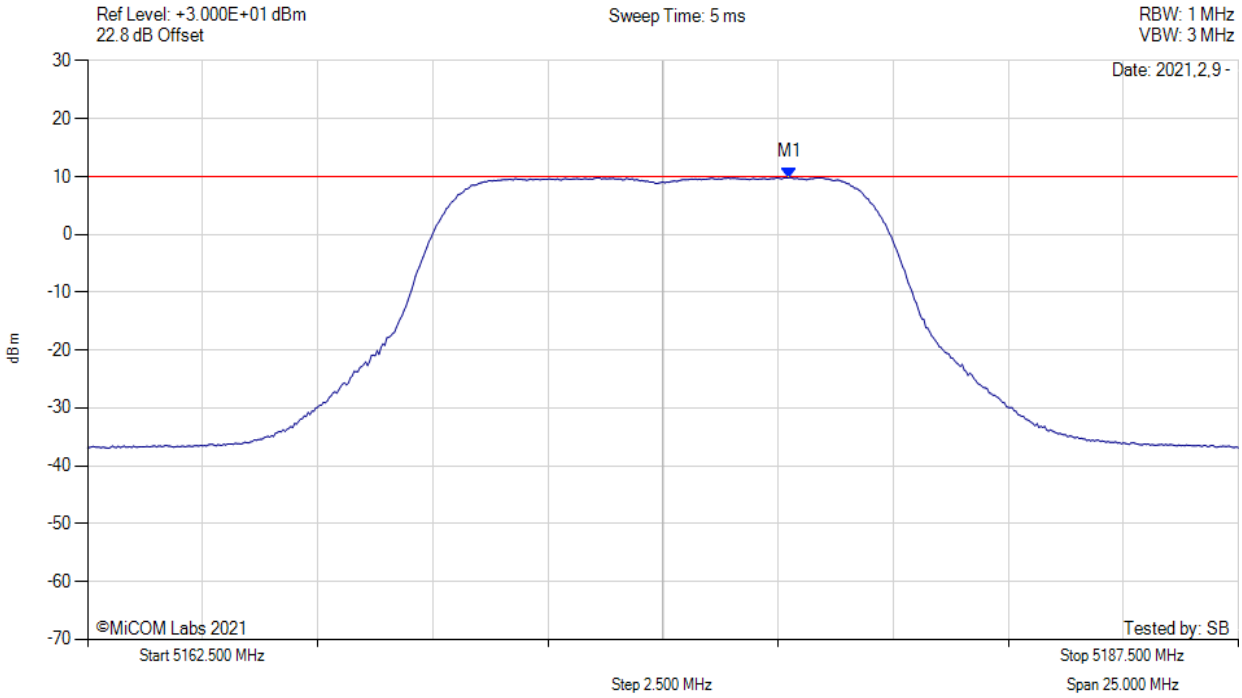


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5172.540 MHz : 6.653 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5175.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

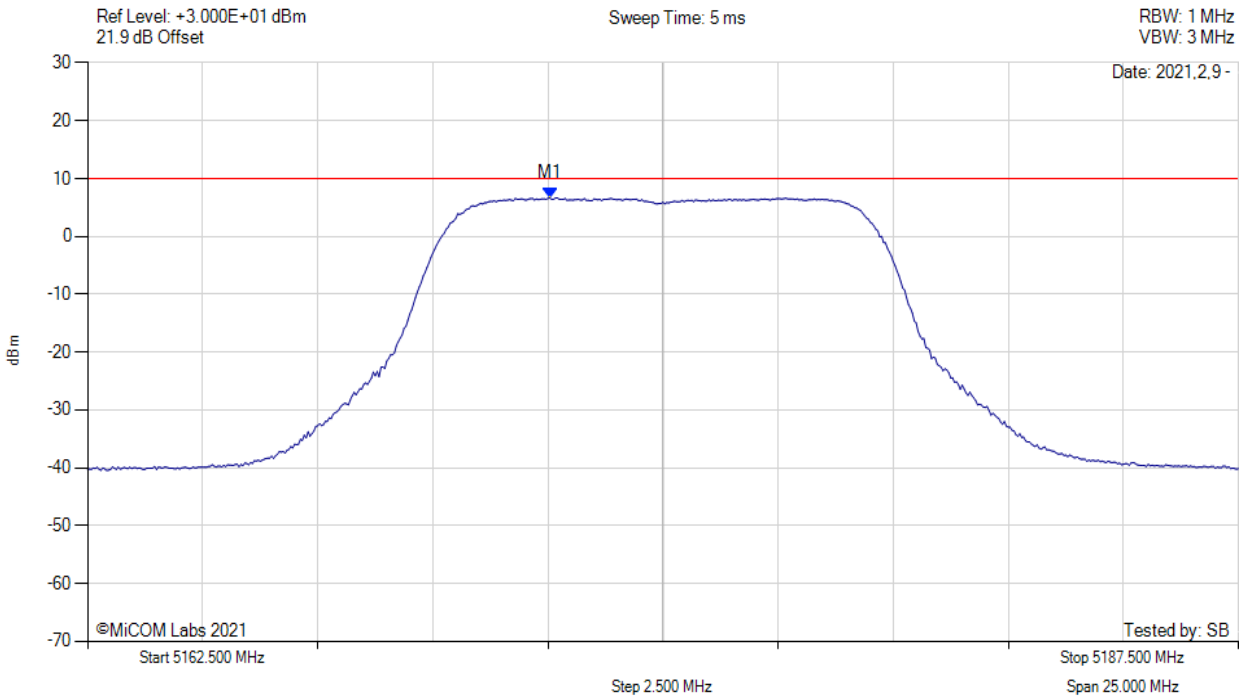


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5177.800 MHz : 9.827 dBm M1 + DCCF : 5177.800 MHz : 9.871 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -0.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5175.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

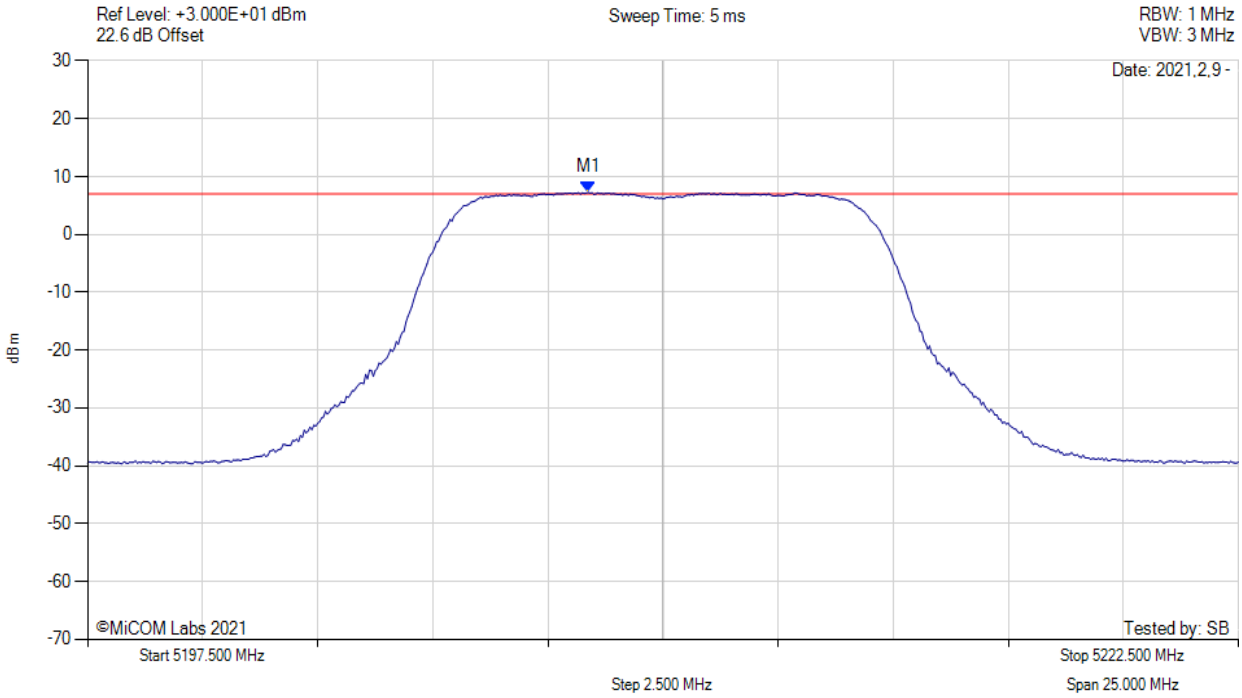


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5172.500 MHz : 6.653 dBm M1 + DCCF : 5172.500 MHz : 6.697 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -3.3 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

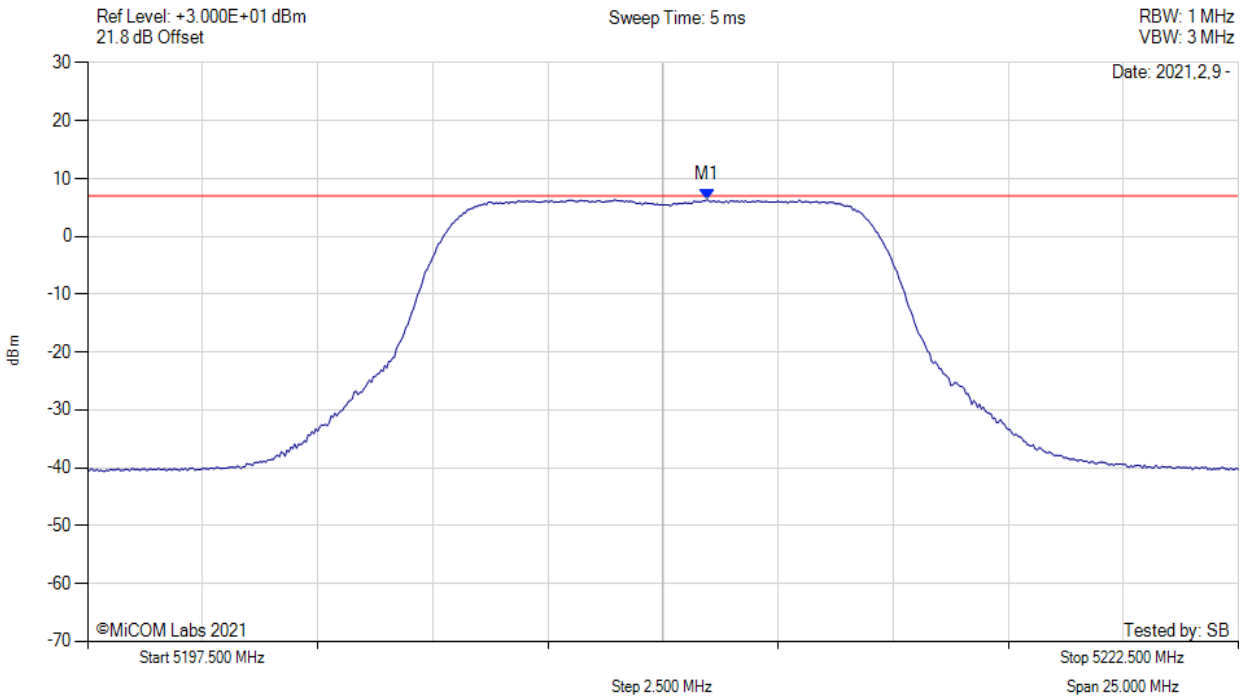


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.380 MHz : 7.275 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

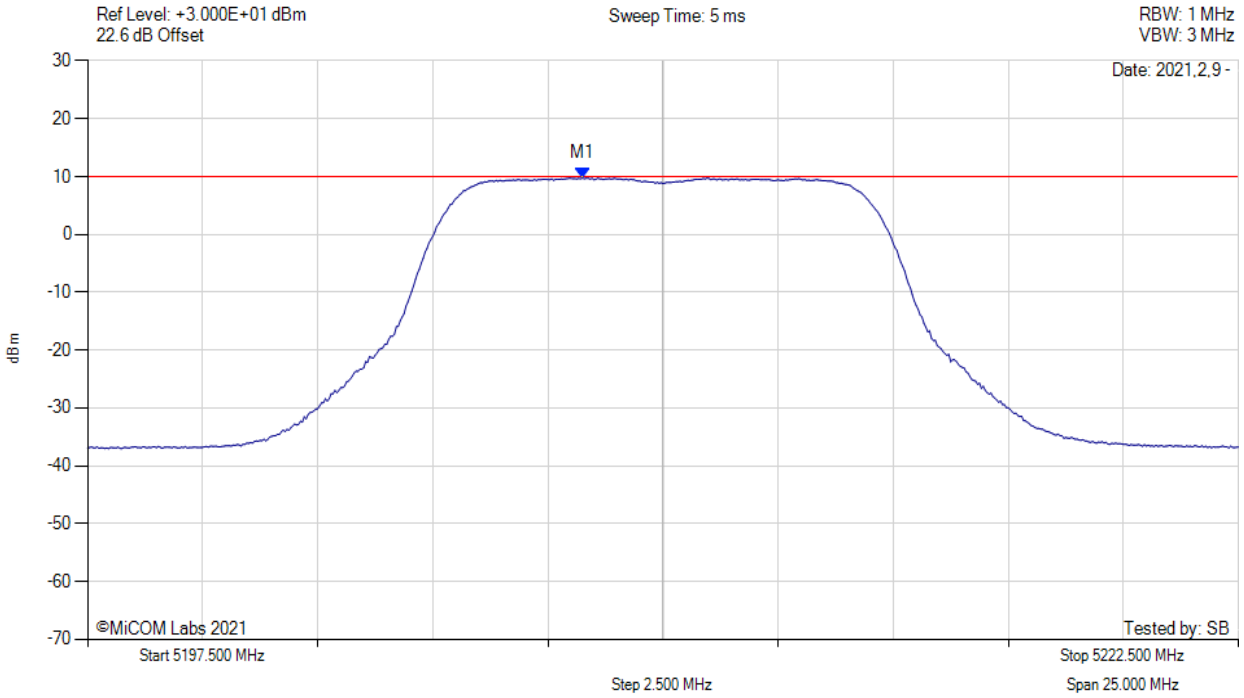


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5210.960 MHz : 6.390 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

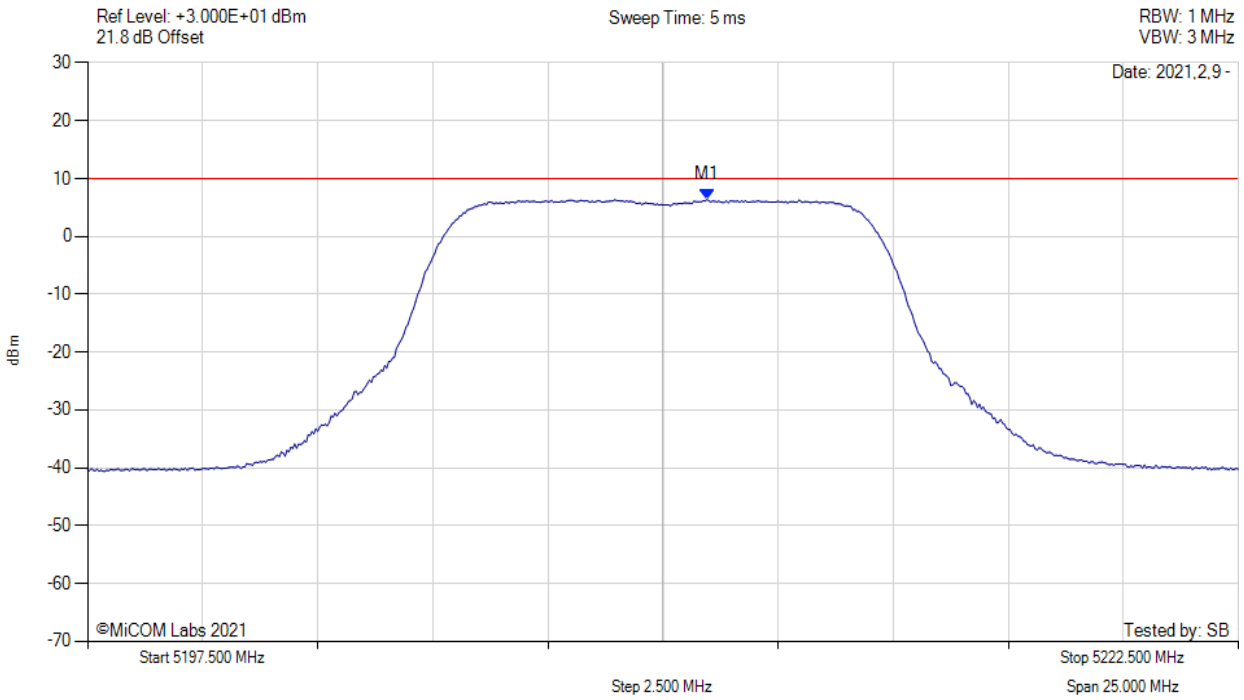


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.300 MHz : 9.737 dBm M1 + DCCF : 5208.300 MHz : 9.781 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -0.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

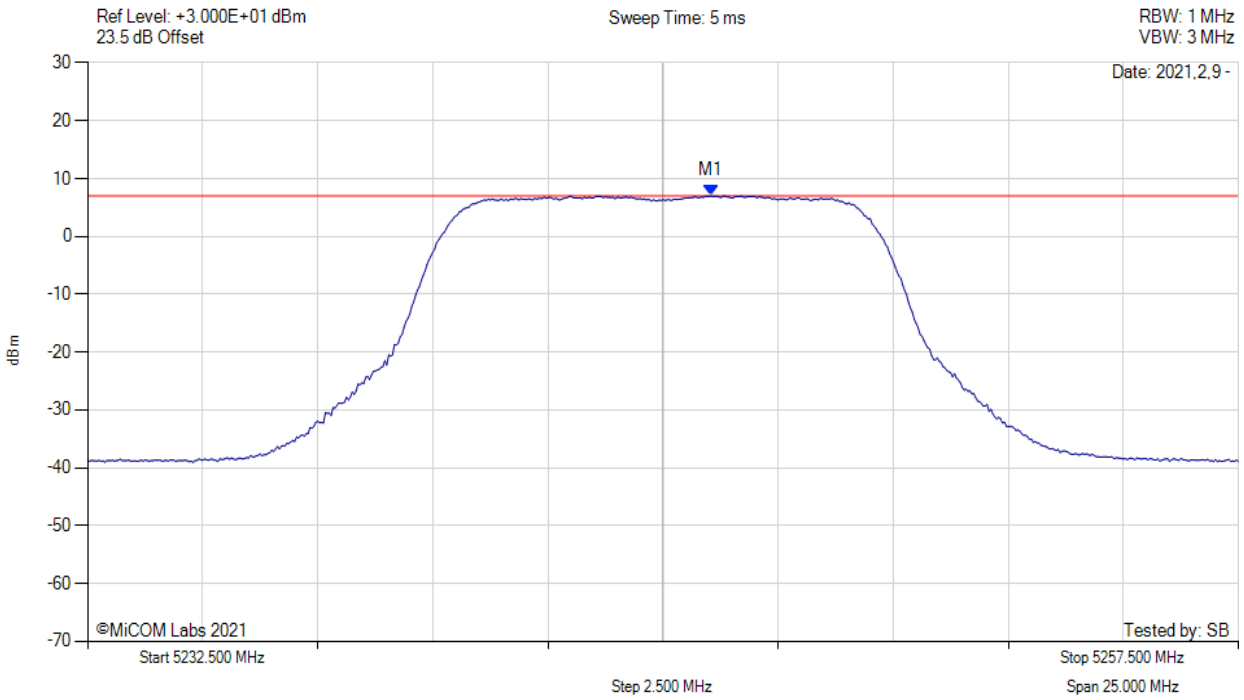


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5211.000 MHz : 6.390 dBm M1 + DCCF : 5211.000 MHz : 6.434 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -3.6 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

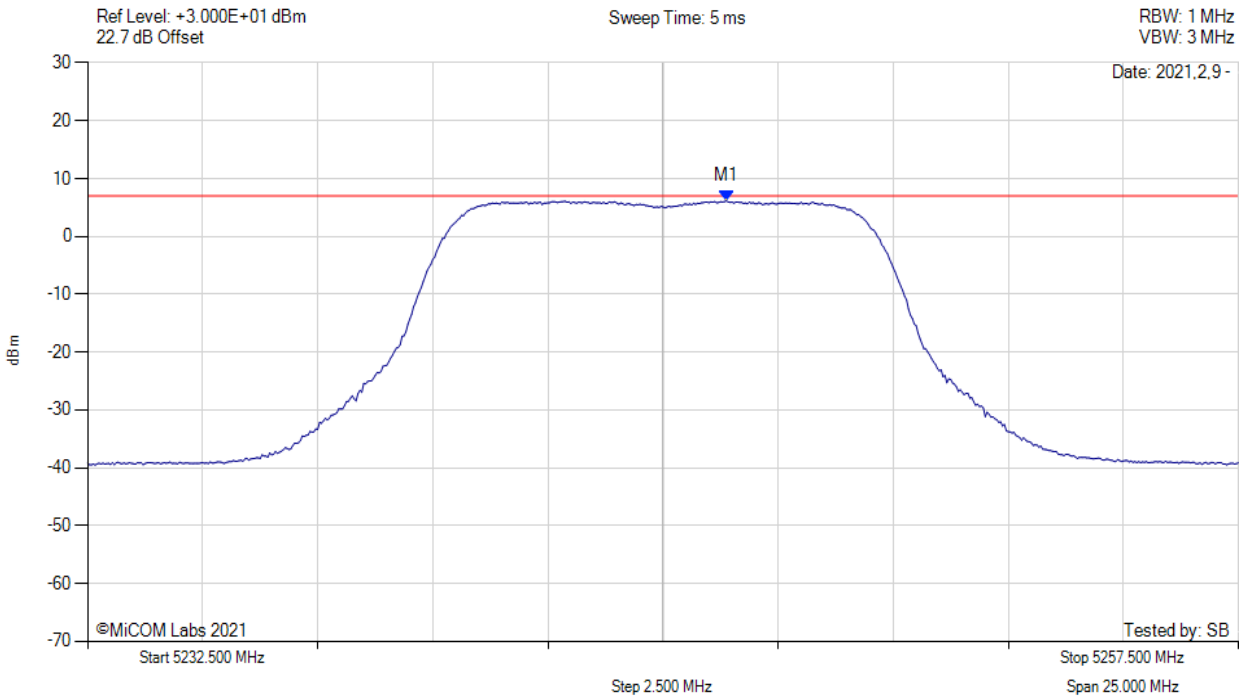


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5246.040 MHz : 7.038 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

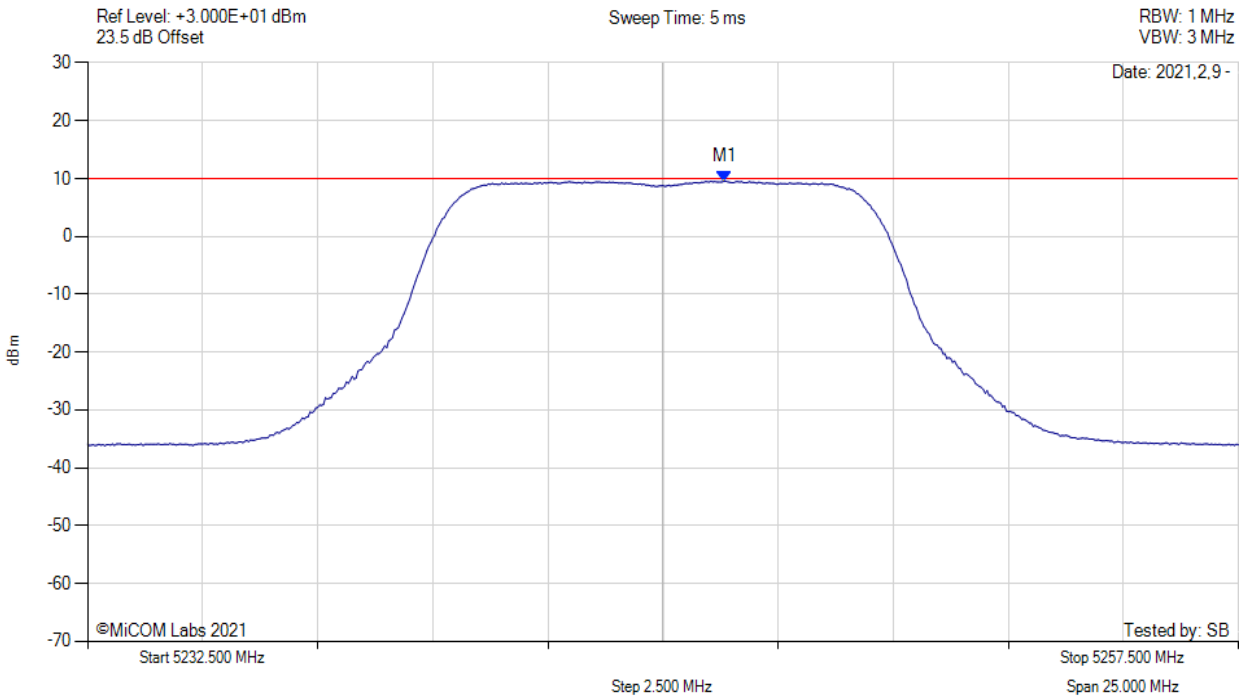


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5246.380 MHz : 6.151 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

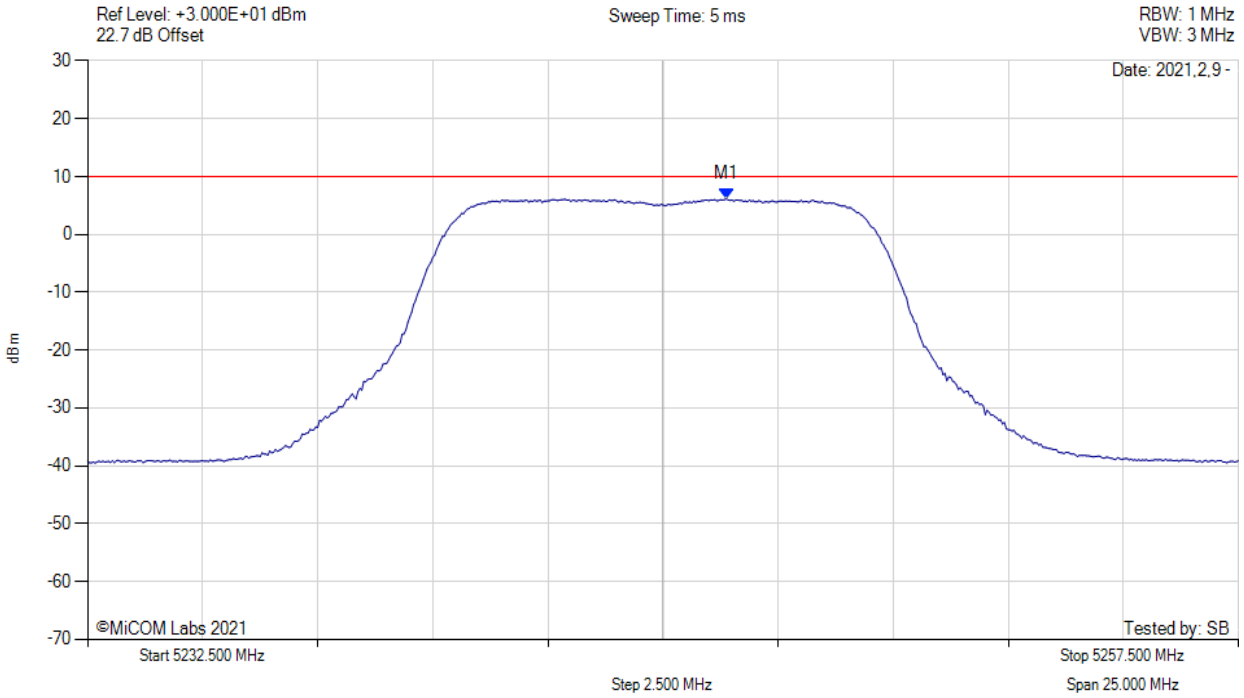


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5246.300 MHz : 9.558 dBm M1 + DCCF : 5246.300 MHz : 9.602 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -0.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 10MHz, Channel: 5245.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

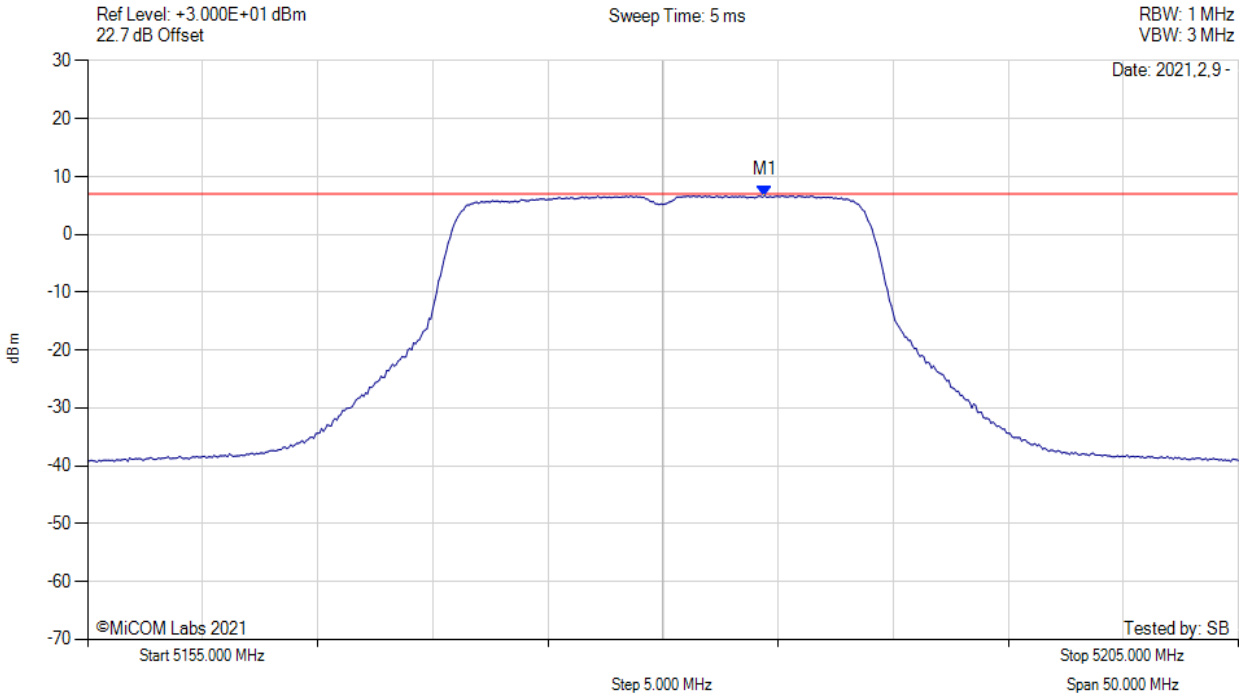


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5246.400 MHz : 6.151 dBm M1 + DCCF : 5246.400 MHz : 6.195 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -3.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

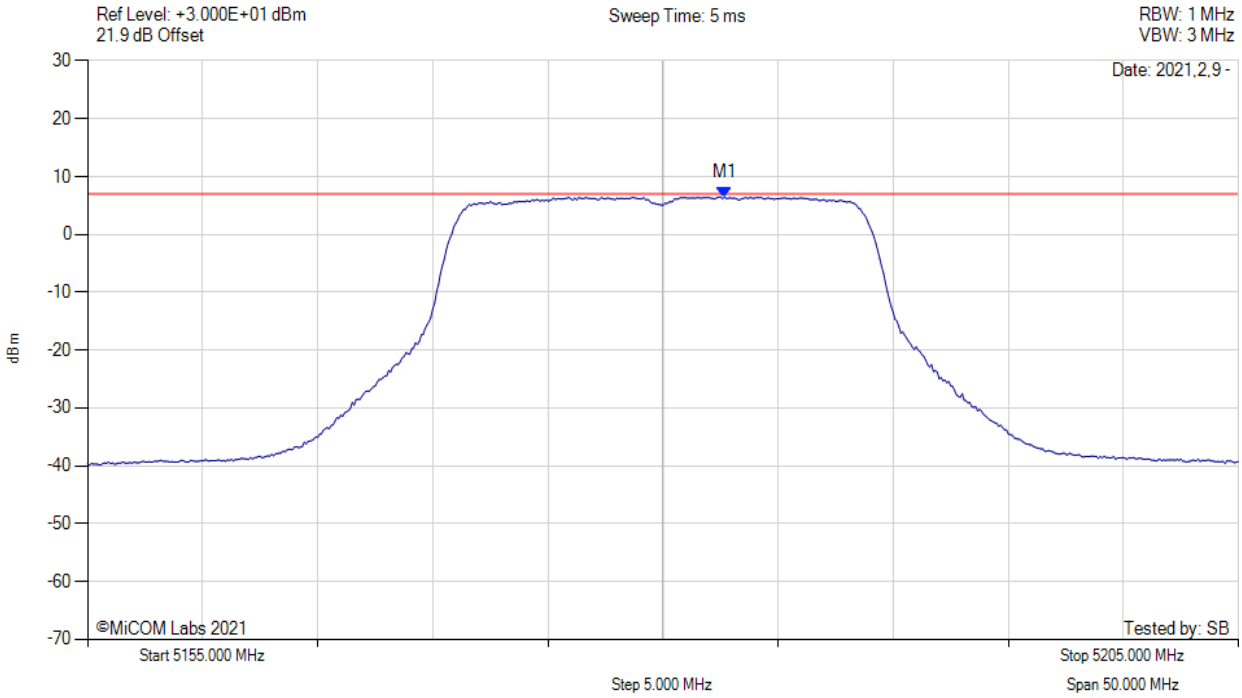


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5184.420 MHz : 6.731 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

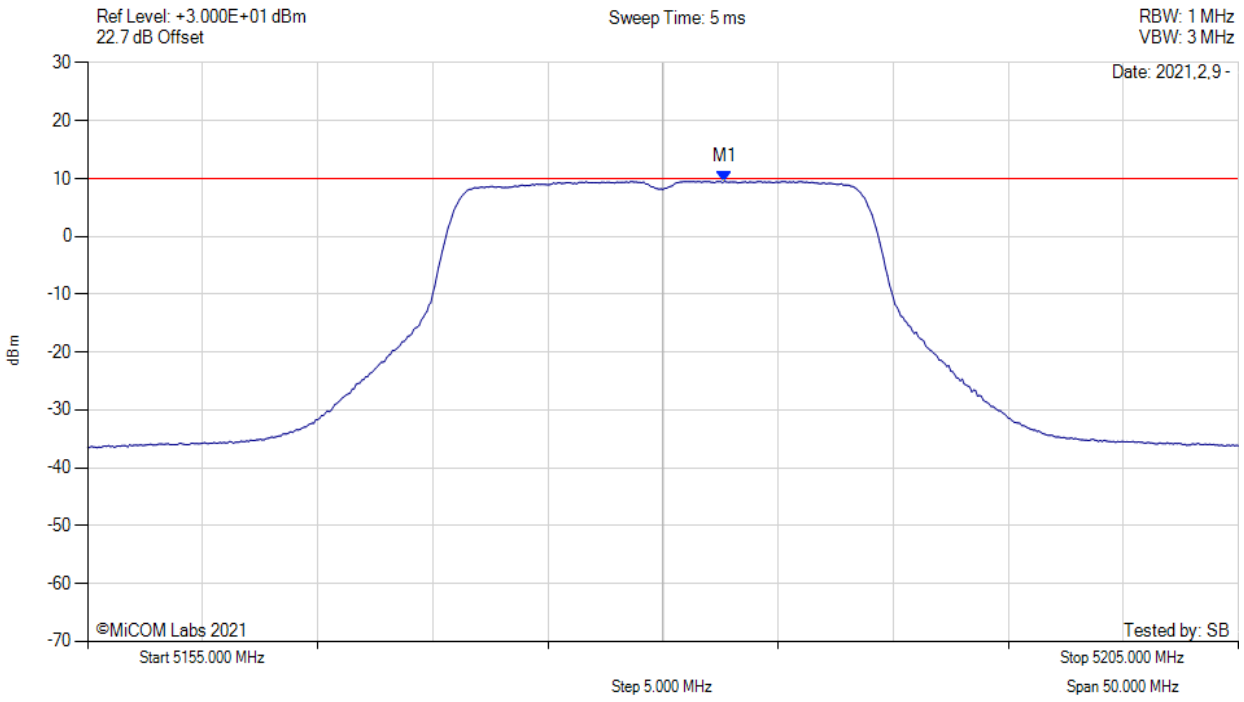


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5182.670 MHz : 6.462 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

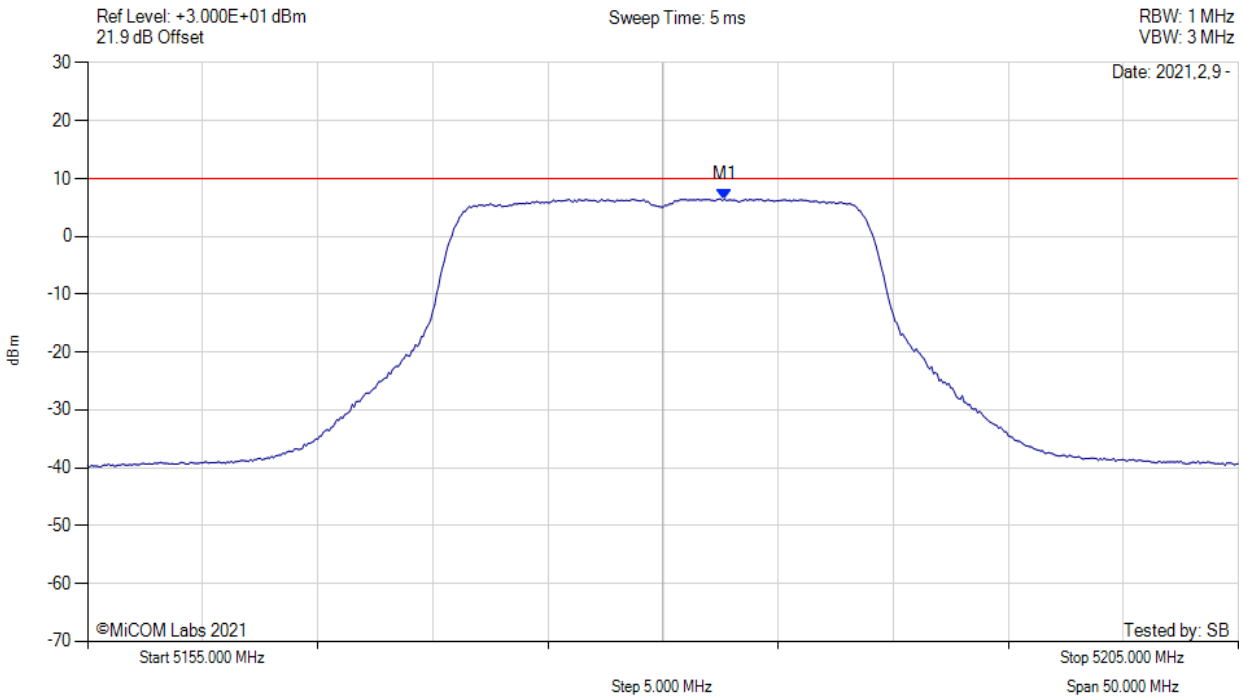


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5182.700 MHz : 9.518 dBm M1 + DCCF : 5182.700 MHz : 9.562 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -0.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5180.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

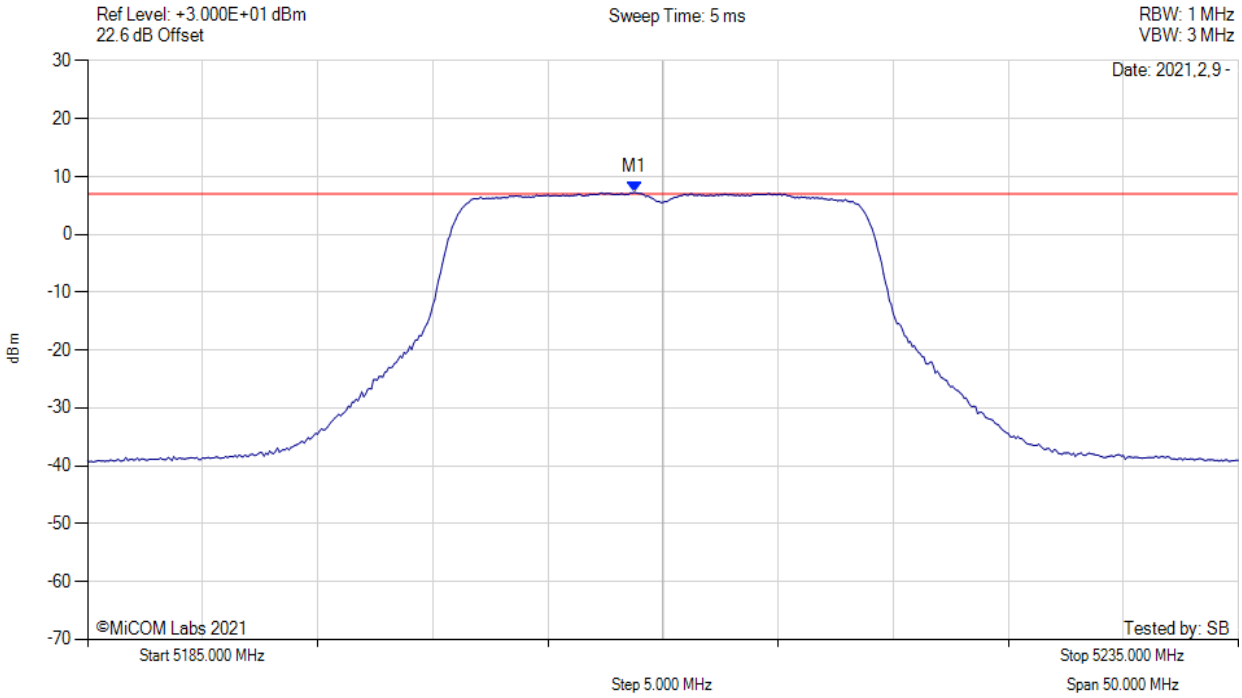


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5182.700 MHz : 6.462 dBm M1 + DCCF : 5182.700 MHz : 6.506 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -3.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

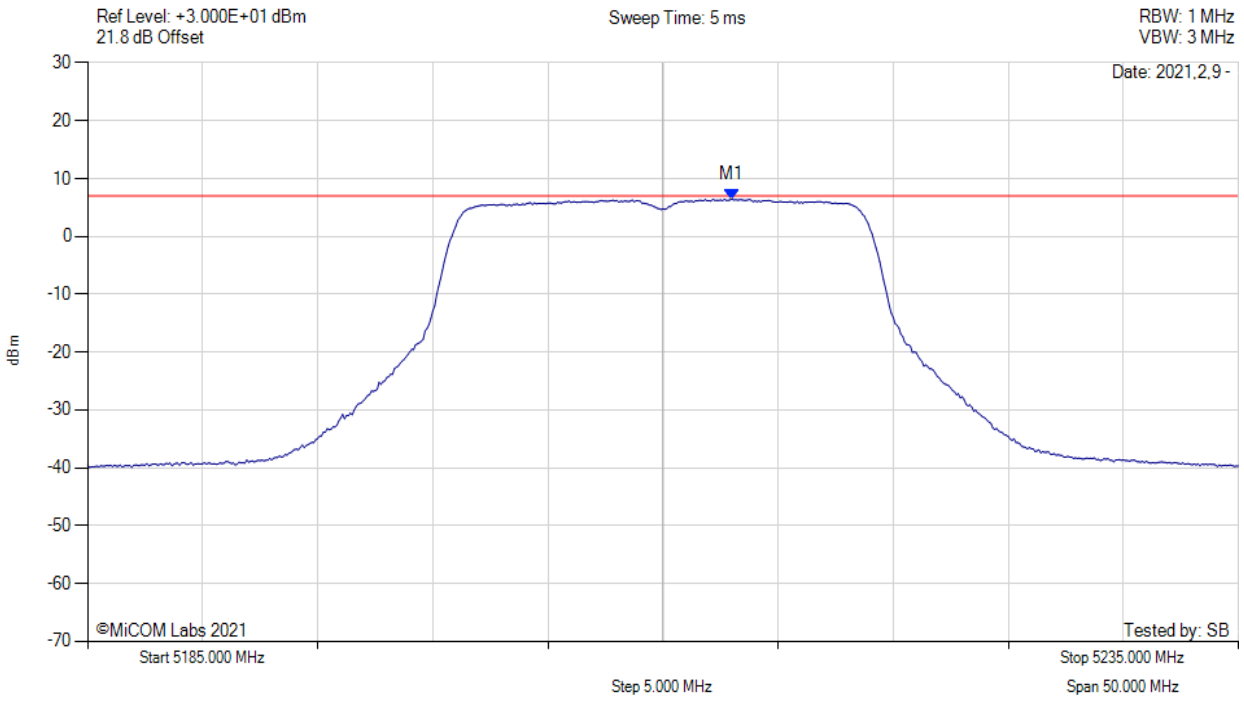


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.750 MHz : 7.281 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

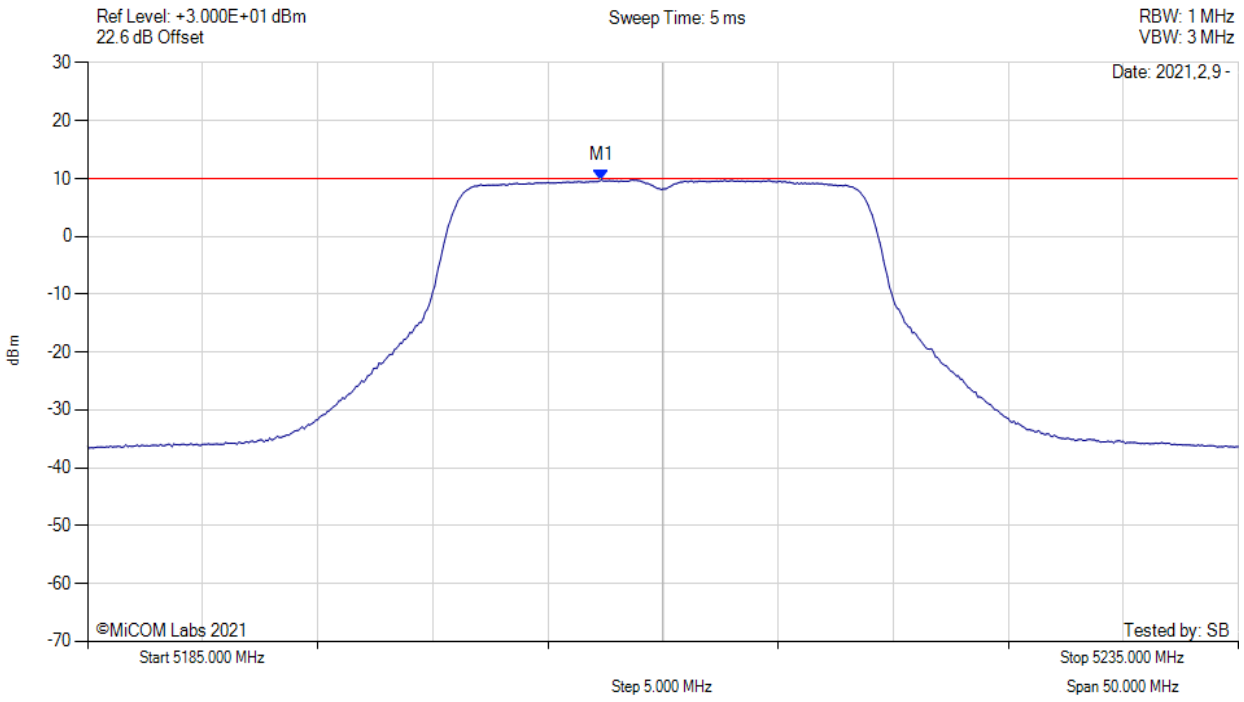


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5213.000 MHz : 6.466 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

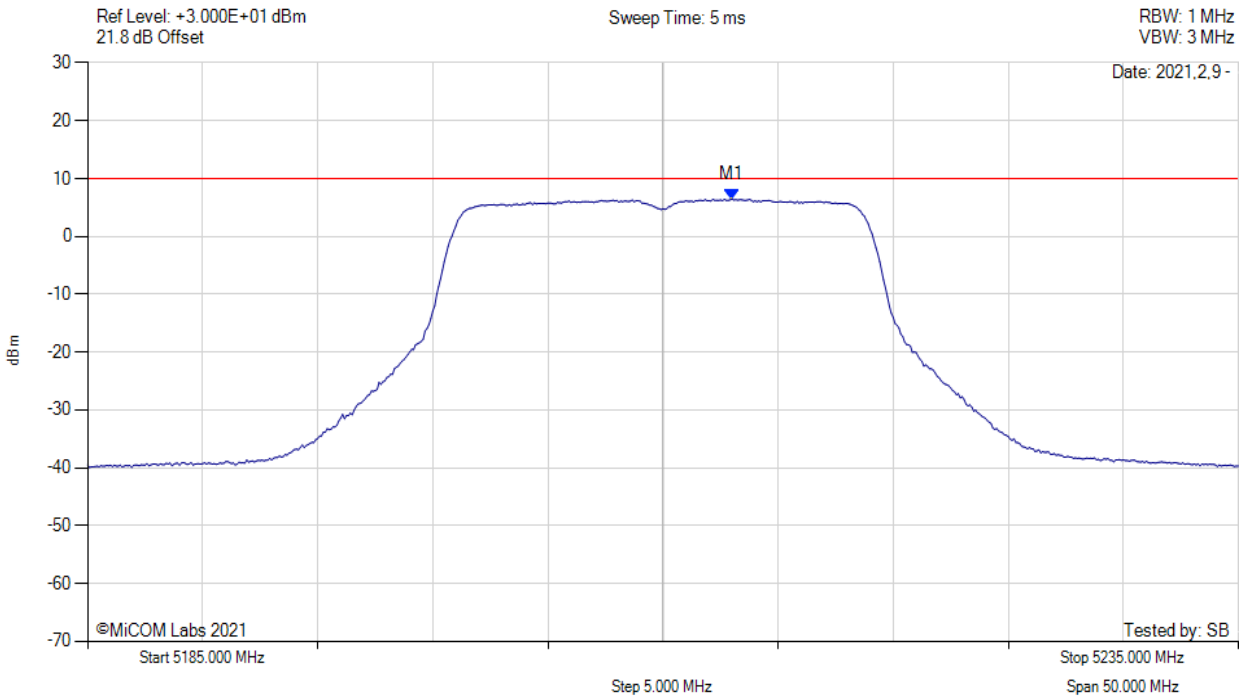


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5207.300 MHz : 9.754 dBm M1 + DCCF : 5207.300 MHz : 9.798 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -0.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

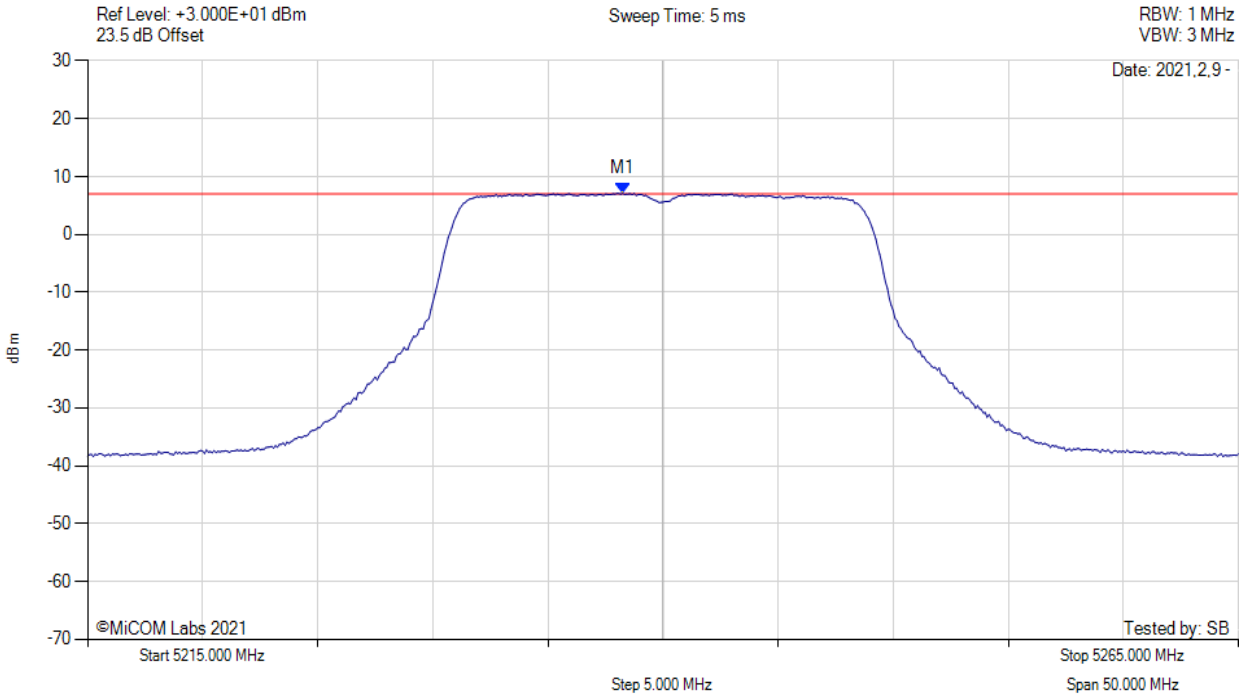


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5213.000 MHz : 6.466 dBm M1 + DCCF : 5213.000 MHz : 6.510 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -3.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

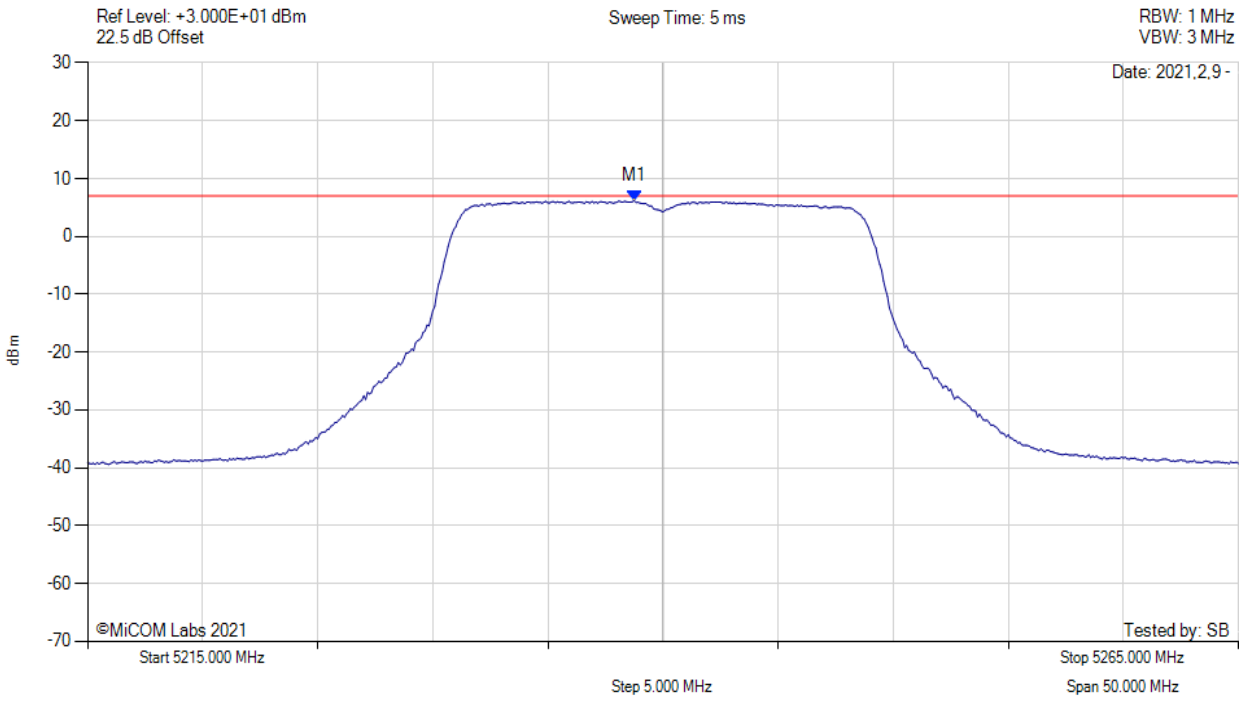


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5238.250 MHz : 7.098 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

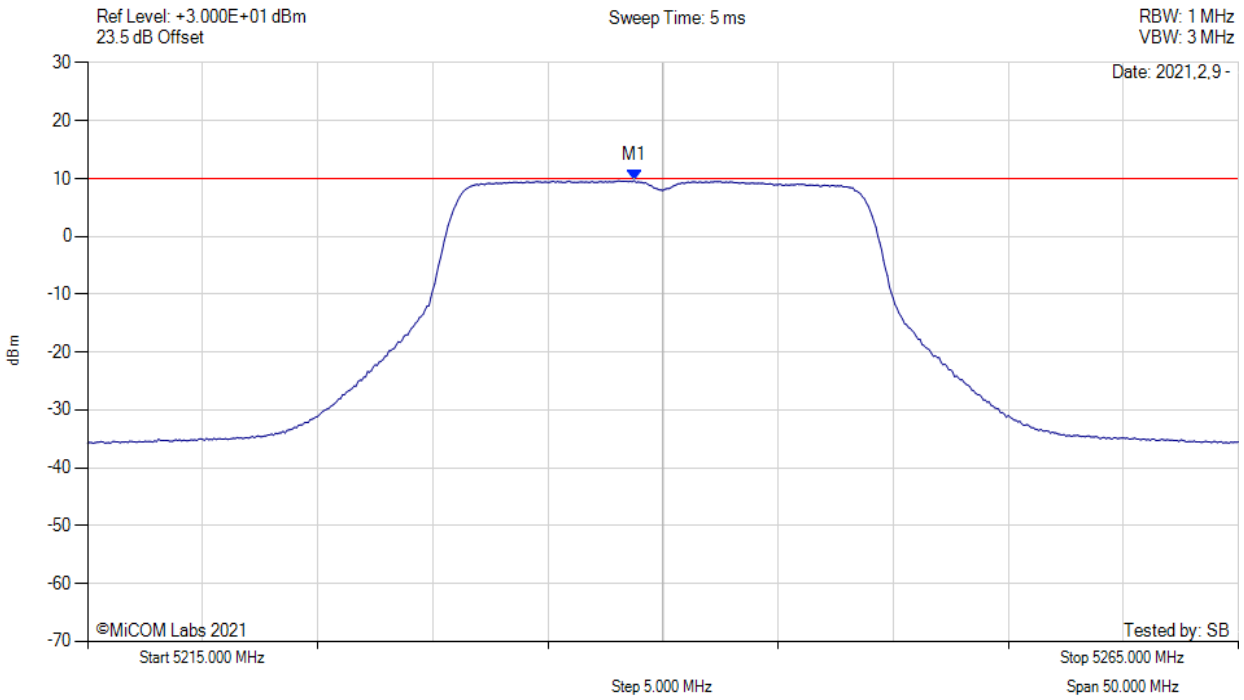


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5238.750 MHz : 6.197 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

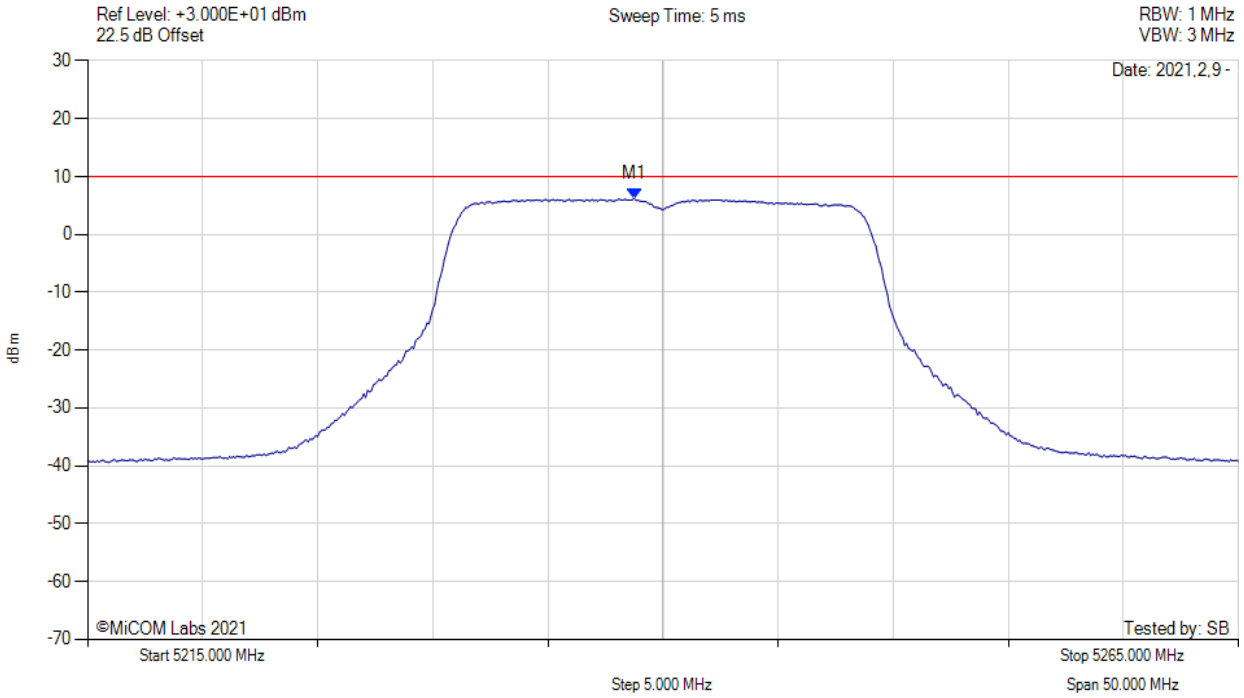


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5238.800 MHz : 9.671 dBm M1 + DCCF : 5238.800 MHz : 9.715 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -0.3 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 20MHz, Channel: 5240.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

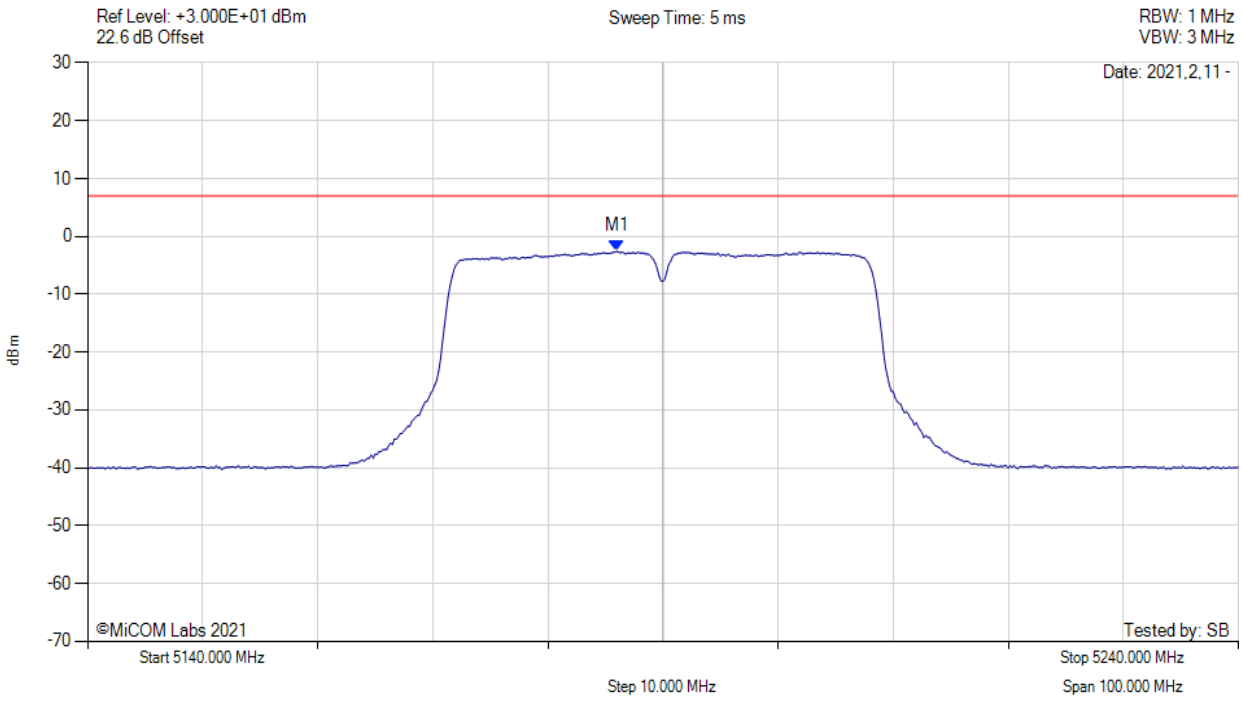


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5238.800 MHz : 6.197 dBm M1 + DCCF : 5238.800 MHz : 6.241 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -3.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

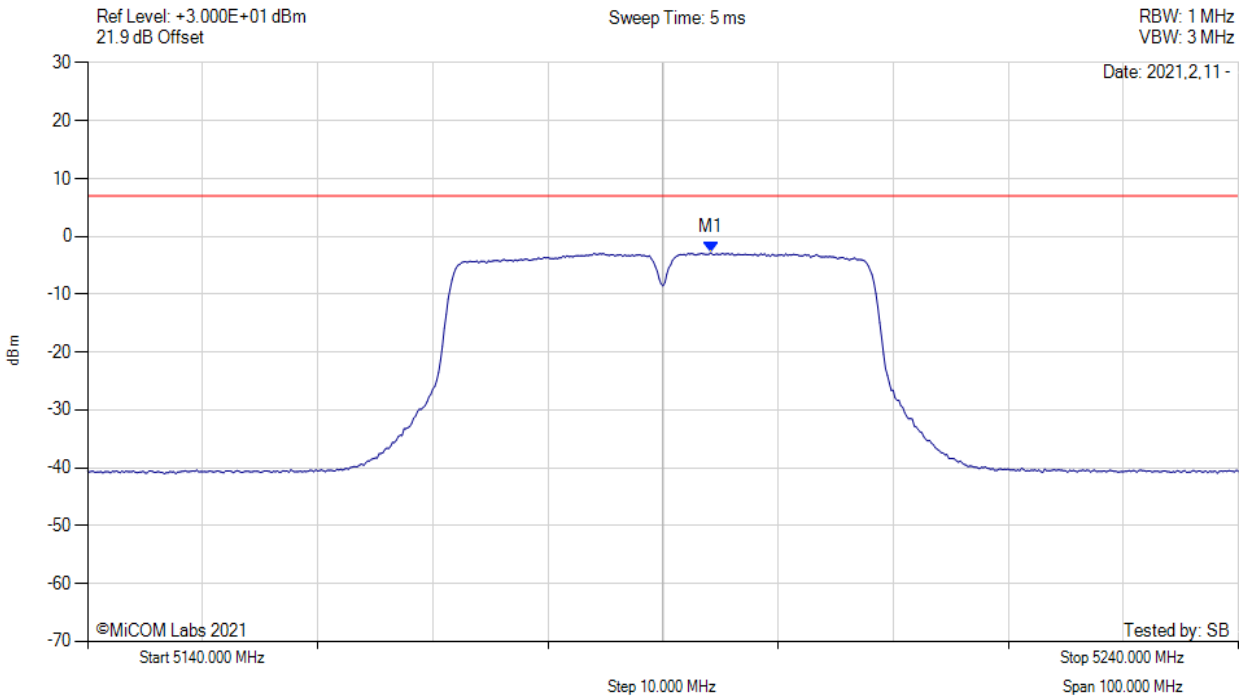


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5186.000 MHz : -2.580 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

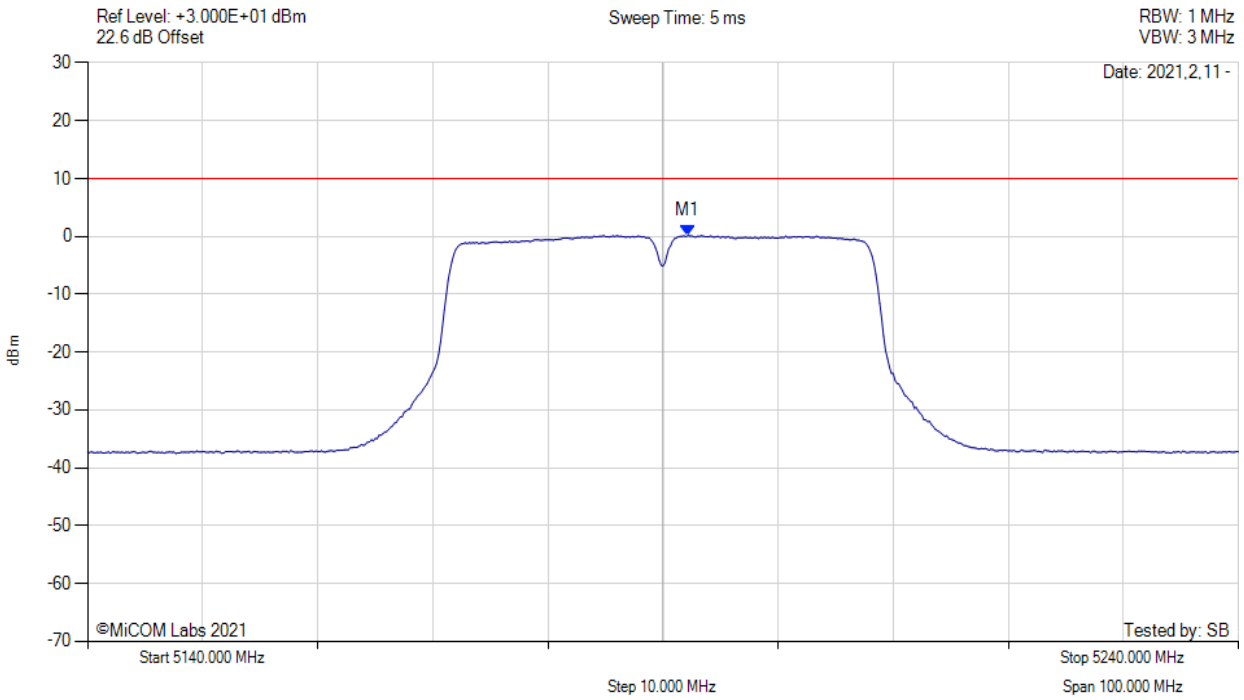


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5194.170 MHz : -2.807 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

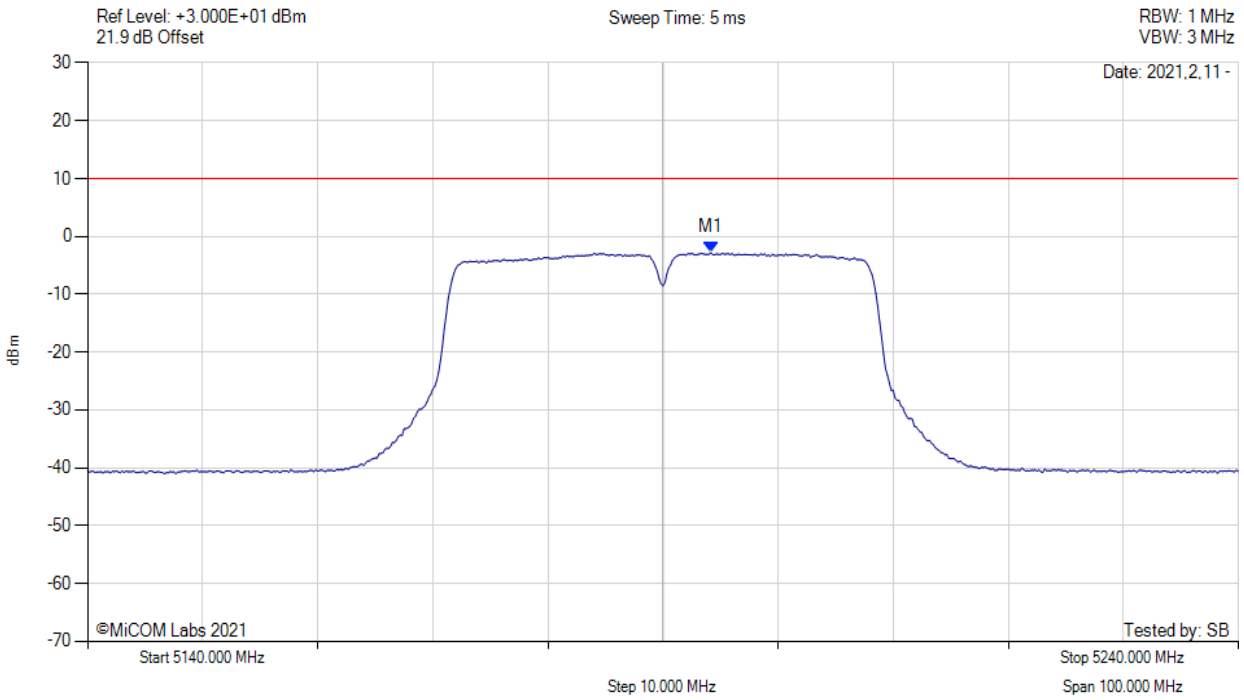


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5192.200 MHz : 0.153 dBm M1 + DCCF : 5192.200 MHz : 0.197 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -9.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5190.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

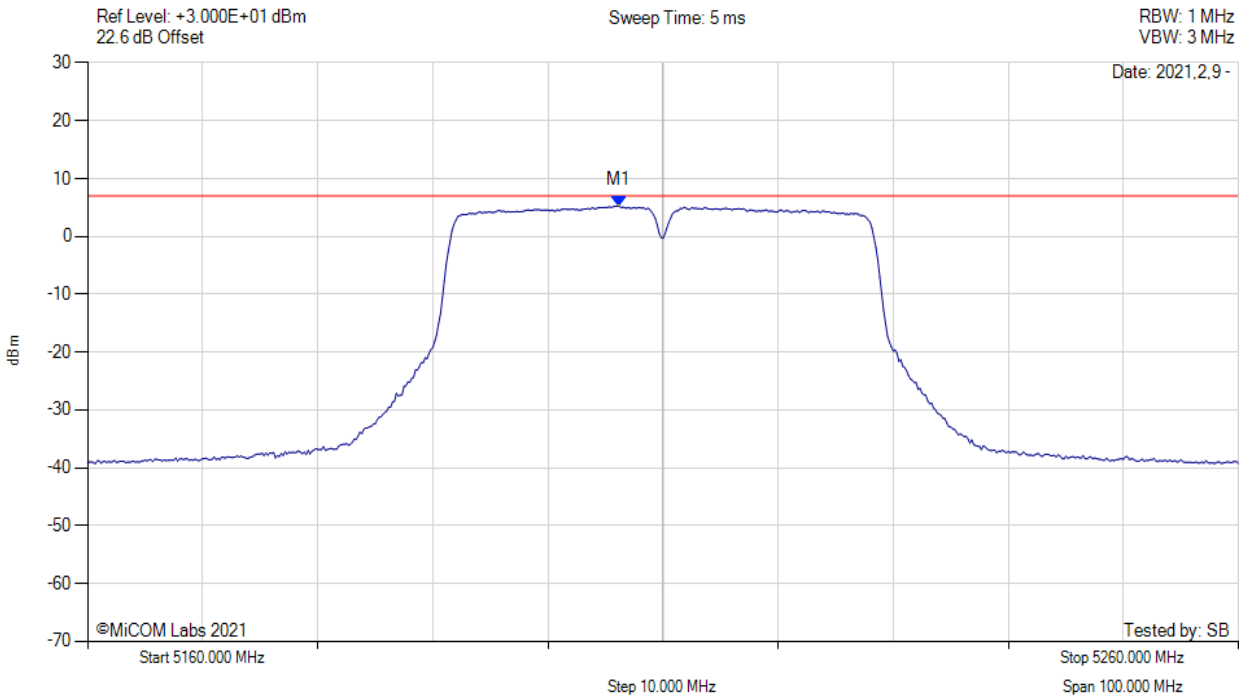


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5194.200 MHz : -2.807 dBm M1 + DCCF : 5194.200 MHz : -2.763 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -12.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

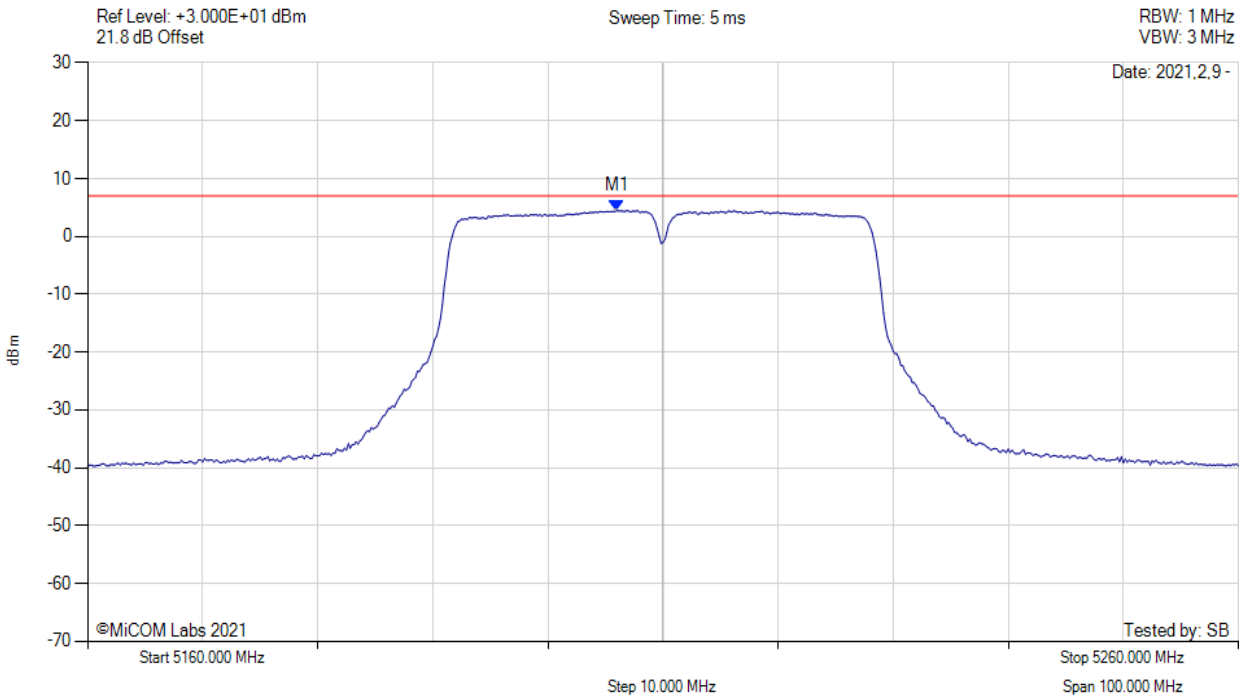


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5206.170 MHz : 5.279 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

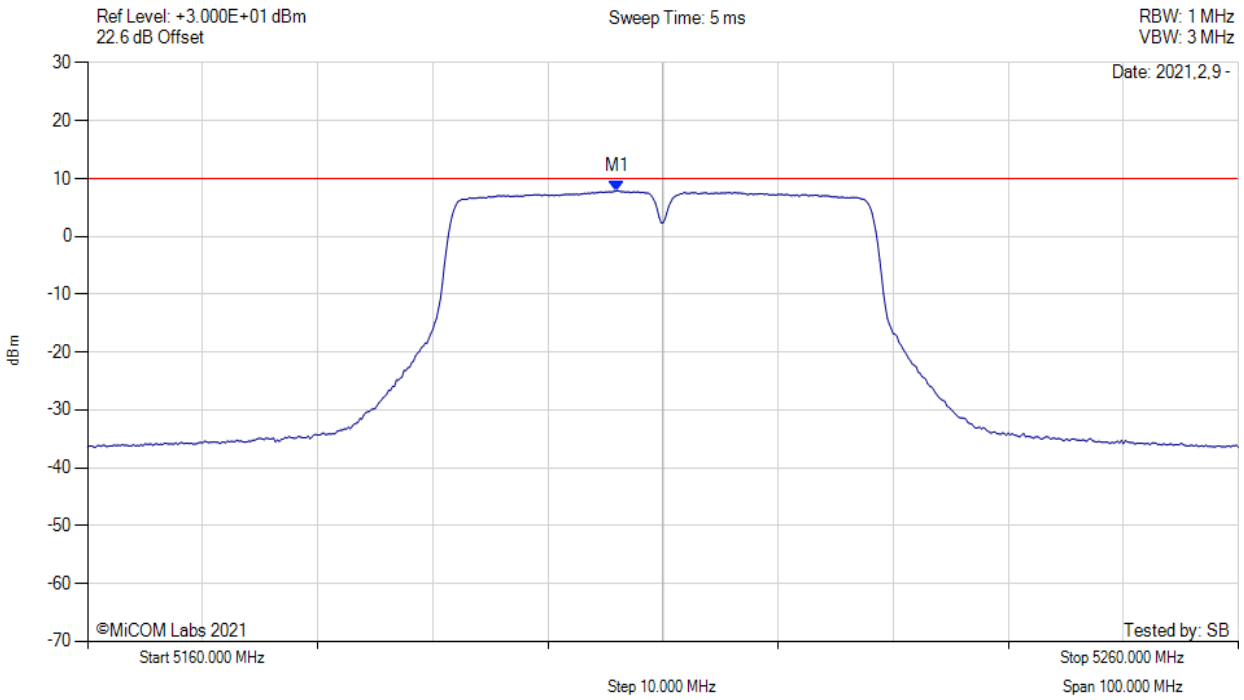


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5206.000 MHz : 4.481 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

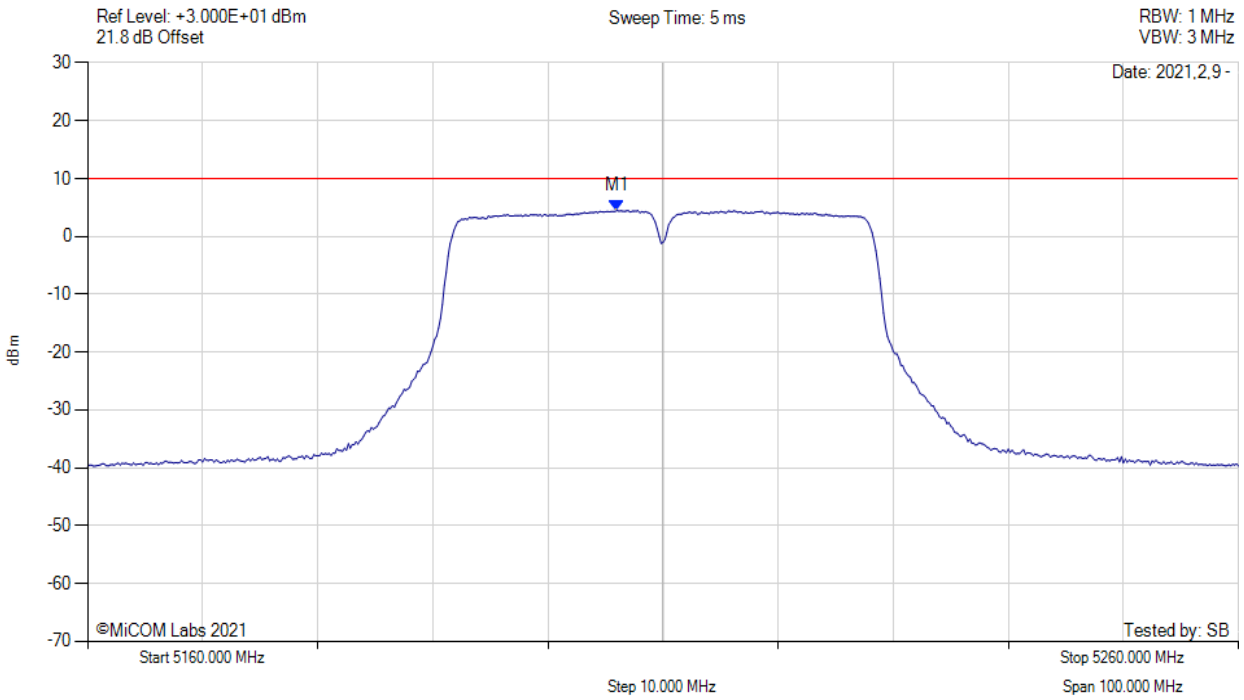


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5206.000 MHz : 7.896 dBm M1 + DCCF : 5206.000 MHz : 7.940 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -2.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

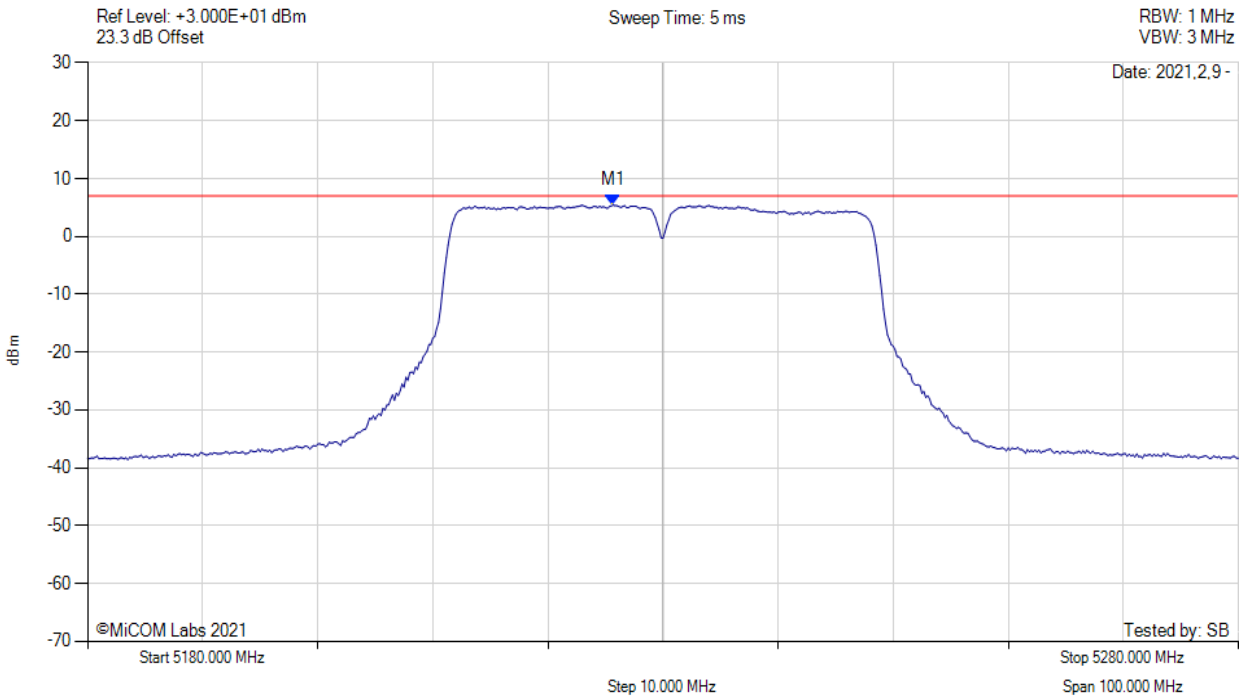


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5206.000 MHz : 4.481 dBm M1 + DCCF : 5206.000 MHz : 4.525 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -5.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

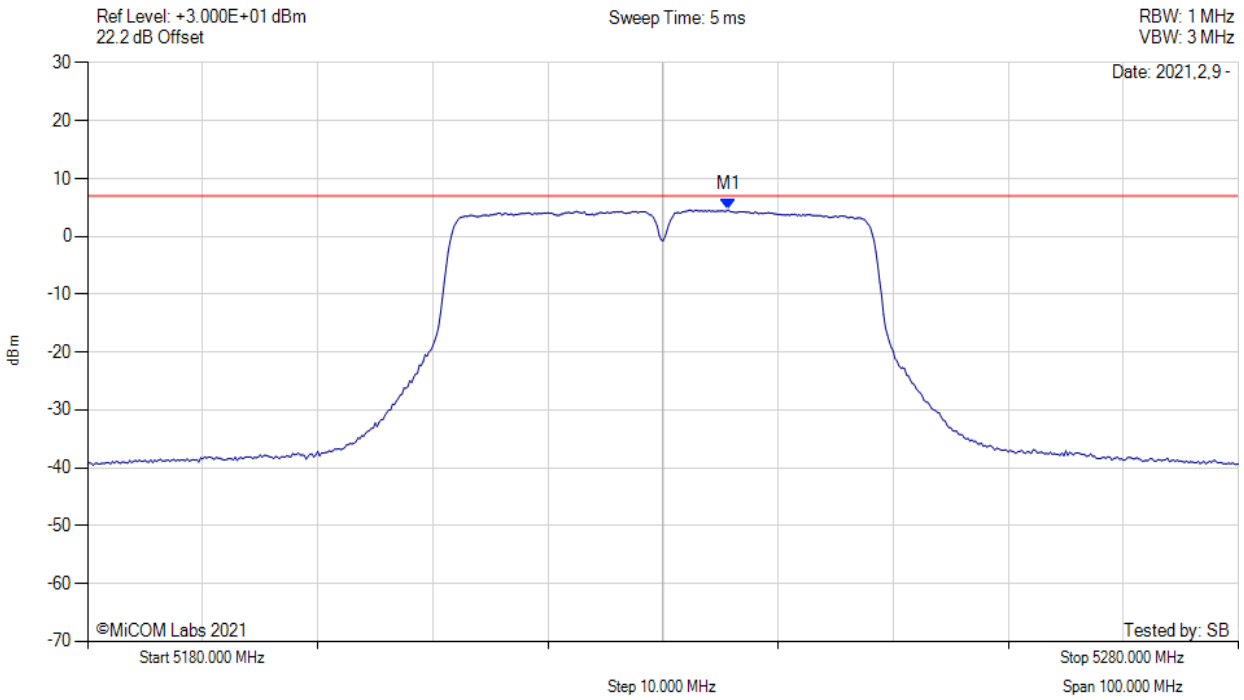


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5225.670 MHz : 5.435 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

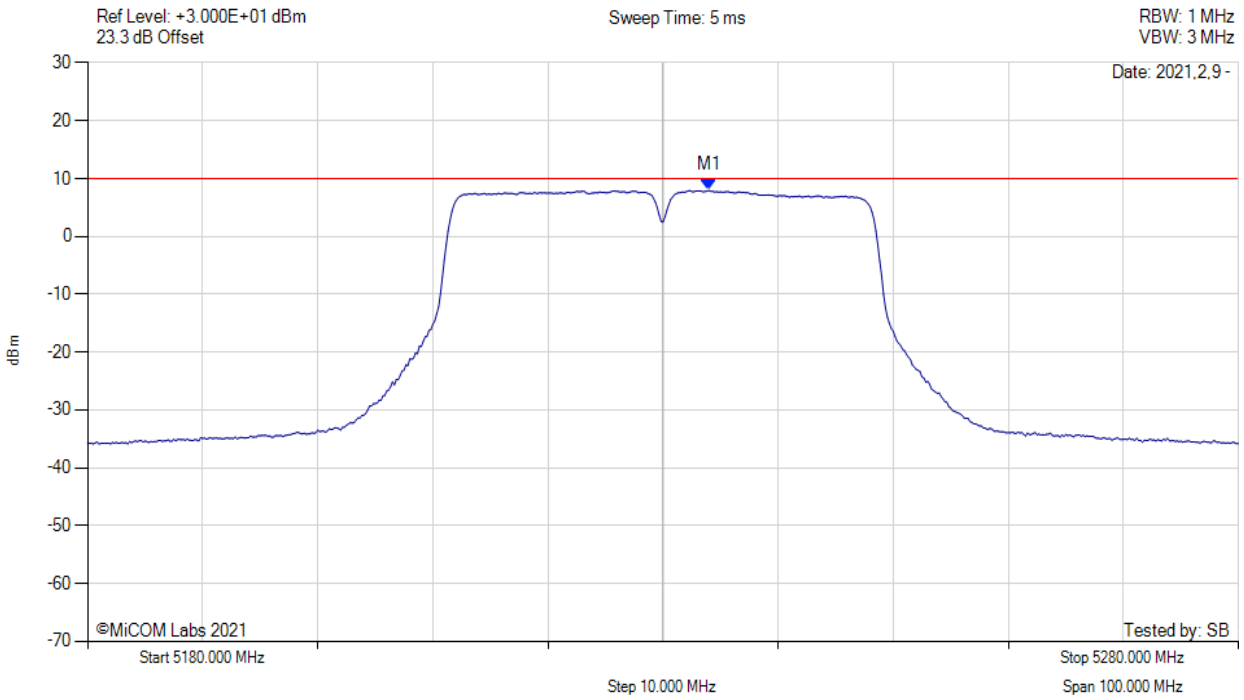


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5235.670 MHz : 4.594 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

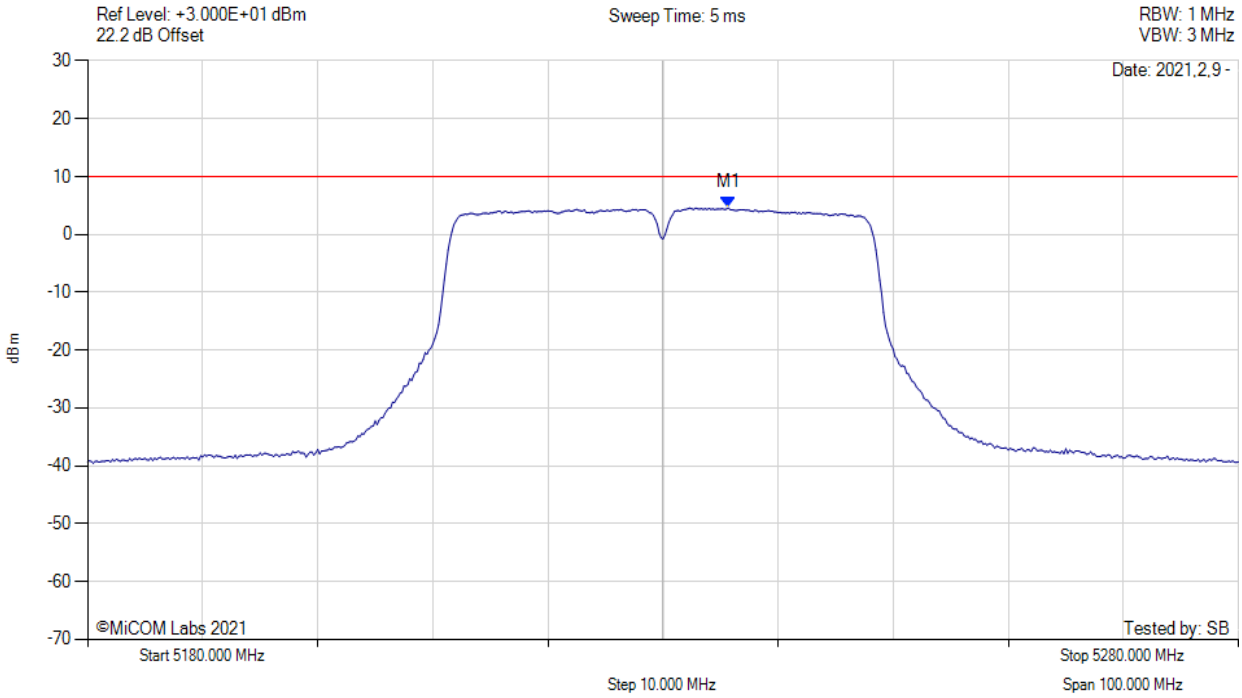


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5234.000 MHz : 7.959 dBm M1 + DCCF : 5234.000 MHz : 8.003 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -2.0 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 40MHz, Channel: 5230.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

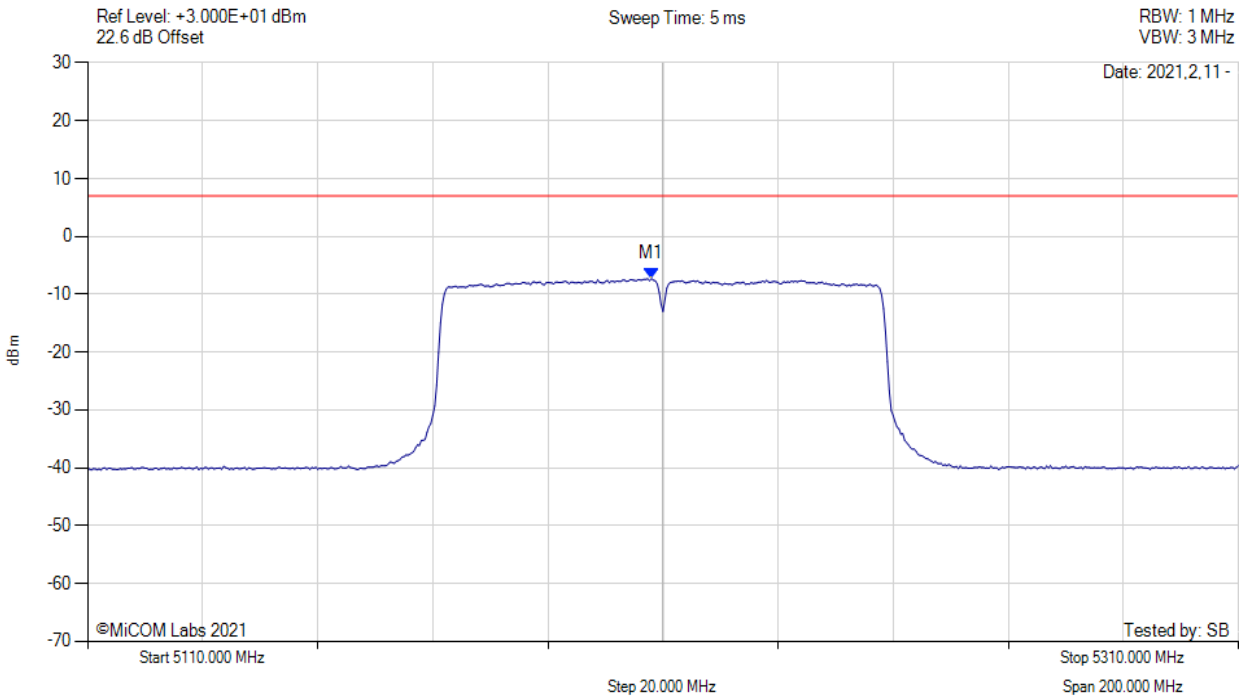


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5235.700 MHz : 4.594 dBm M1 + DCCF : 5235.700 MHz : 4.638 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -5.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 56 Vdc

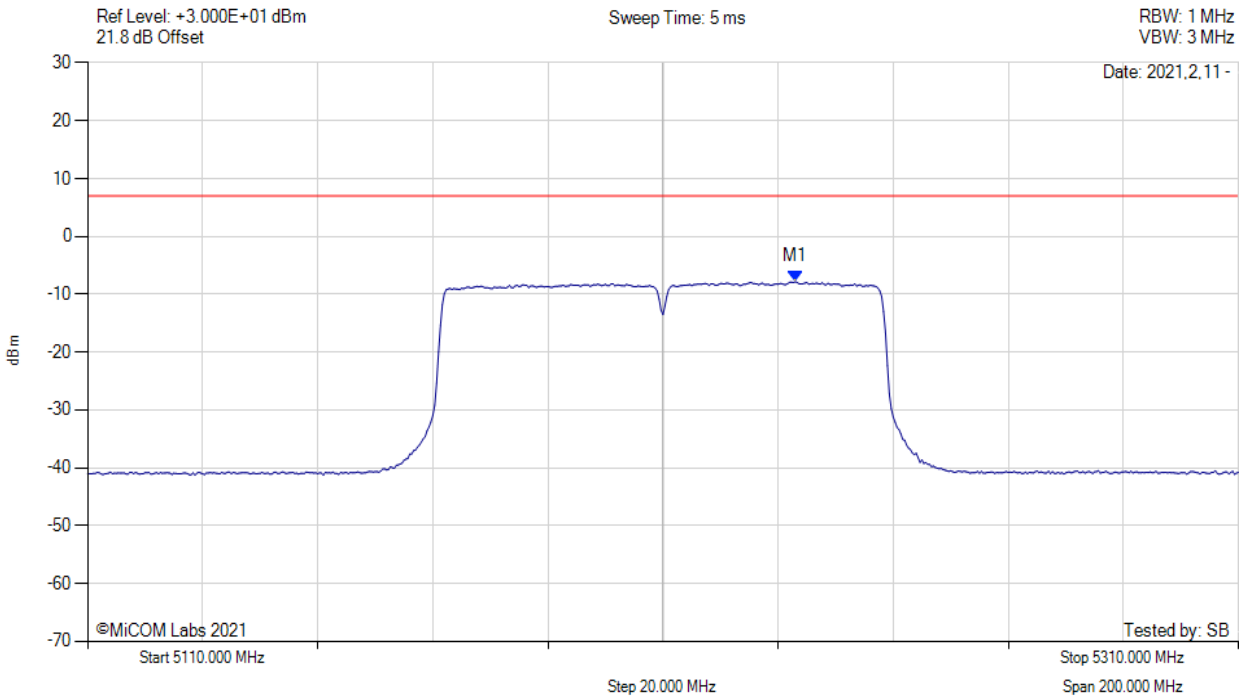


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5208.000 MHz : -7.299 dBm	Limit: ≤ 6.990 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 56 Vdc

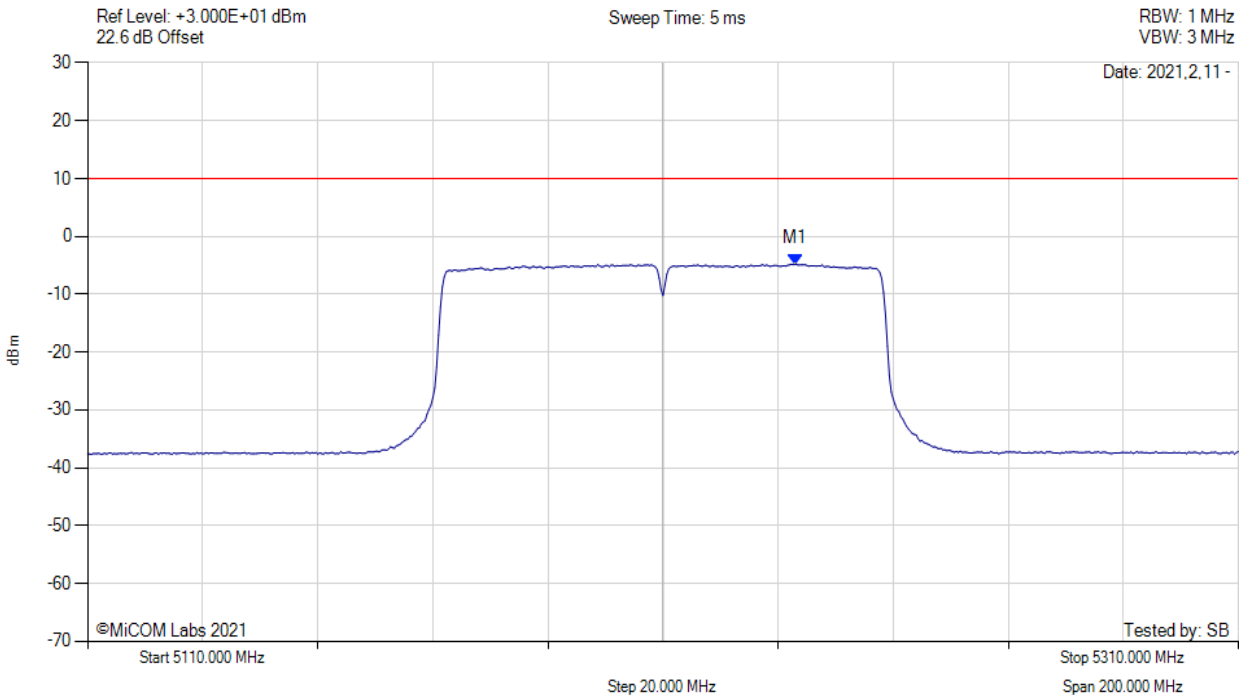


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5233.000 MHz : -7.817 dBm	Channel Frequency: 5210.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc

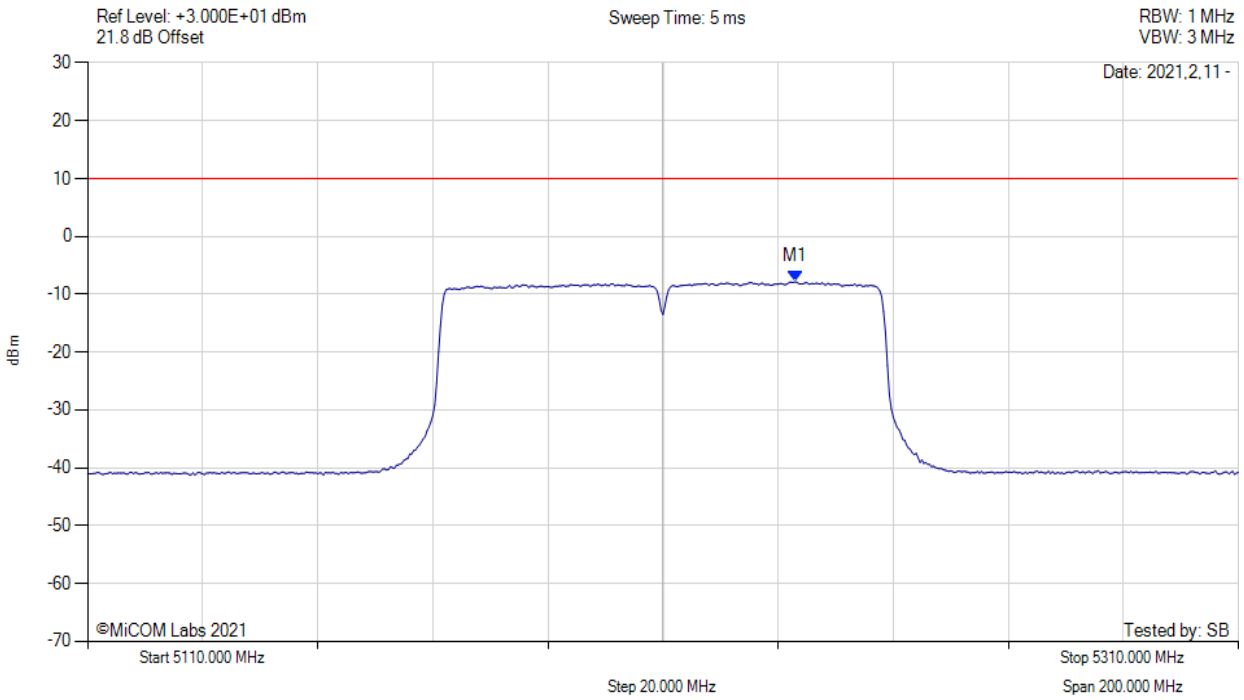


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5233.000 MHz : -4.766 dBm M1 + DCCF : 5233.000 MHz : -4.722 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -14.7 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 80MHz, Channel: 5210.00 MHz, SUM, Temp: 20, Voltage: 56 Vdc



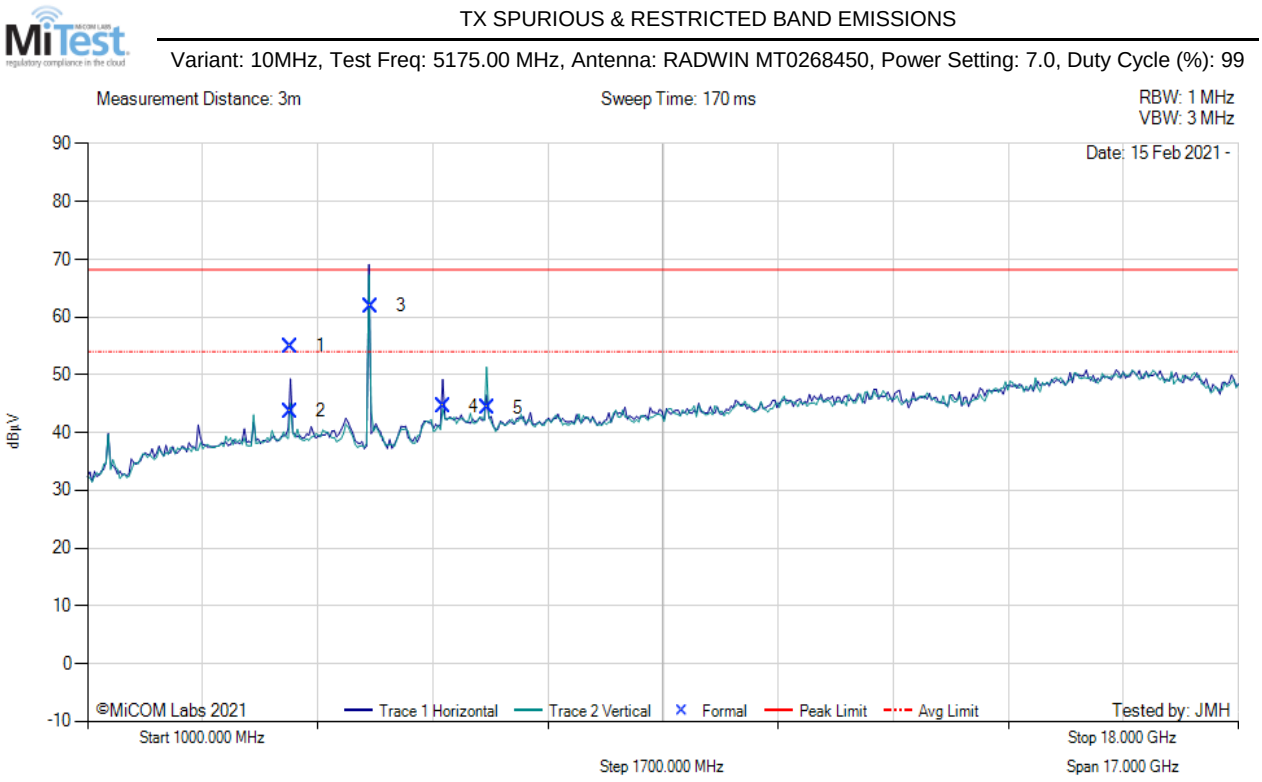
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVER Sweep Count = +100 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 5233.000 MHz : -7.817 dBm M1 + DCCF : 5233.000 MHz : -7.773 dBm Duty Cycle Correction Factor : +0.04 dB	Limit: ≤ 10.0 dBm Margin: -17.8 dB

back to matrix

A.4 Radiated

A.4.1 TX Spurious & Restricted Band Emissions

A.4.1.1 RADWIN MT0268450



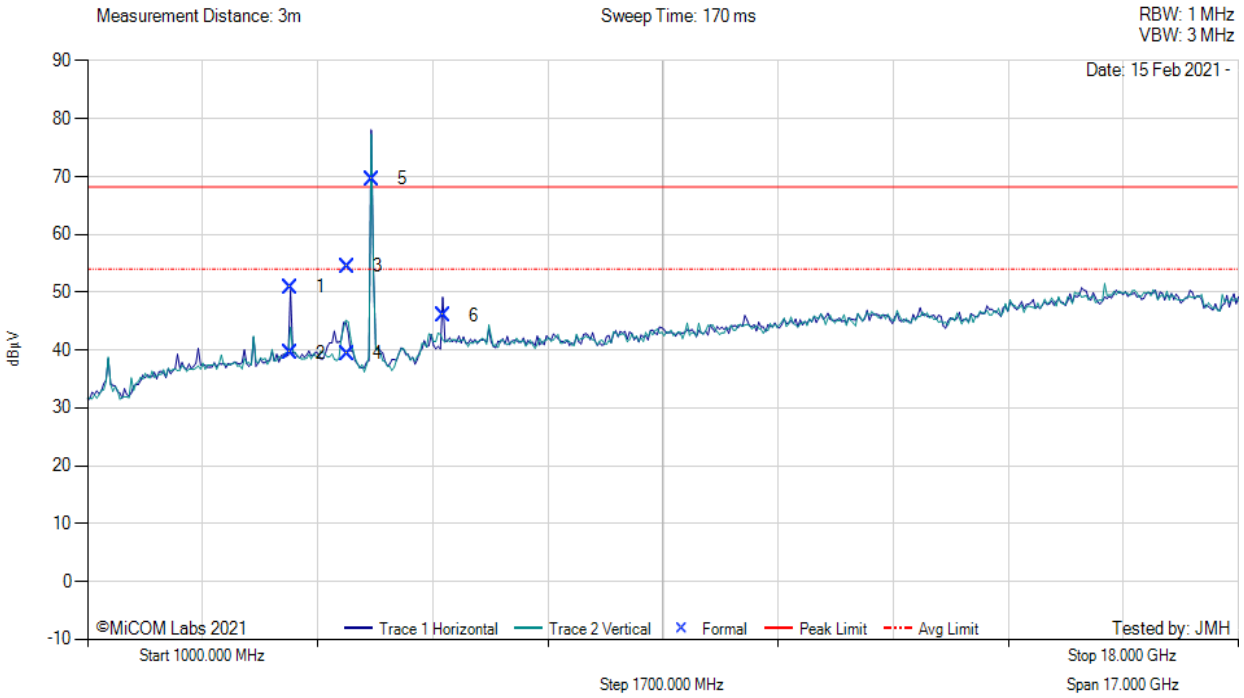
1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	3995.94	64.62	2.60	-12.25	54.97	Max Peak	Horizontal	99	122	68.2	-13.3	Pass
2	3995.94	53.31	2.60	-12.25	43.66	Max Avg	Horizontal	99	122	54.0	-10.3	Pass
3	5177.75	71.06	2.97	-12.12	61.91	Fundamental	Horizontal	100	0	--	--	
4	6249.78	50.80	3.25	-9.50	44.55	Peak (NRB)	Horizontal	100	167	--	--	Pass
5	6899.84	48.96	3.37	-8.00	44.33	Peak (NRB)	Vertical	100	167	--	--	Pass

Test Notes: EUT powered by POE. 5G notch in front of amp to prevent overload.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN MT0268450, Power Setting: 11.0, Duty Cycle (%): 99



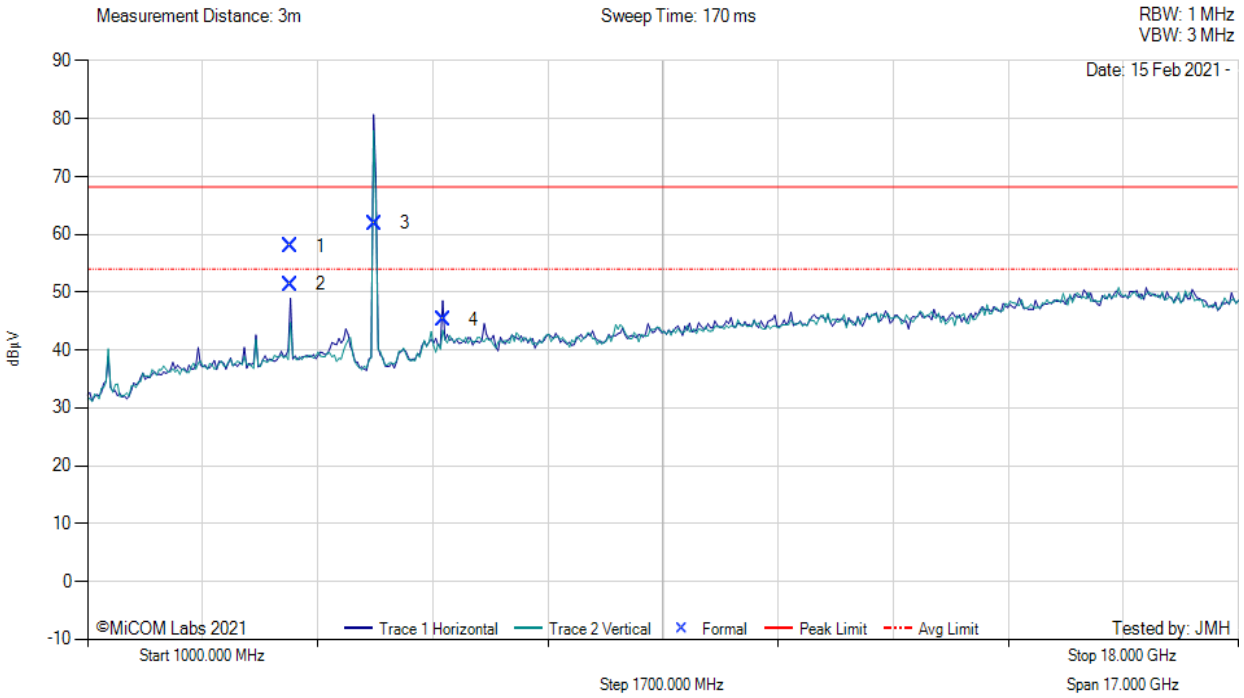
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	3995.97	60.55	2.60	-12.25	50.90	Max Peak	Horizontal	156	92	68.2	-17.3	Pass
2	3995.97	49.17	2.60	-12.25	39.52	Max Avg	Horizontal	156	92	54.0	-14.5	Pass
3	4838.78	64.26	2.81	-12.55	54.52	Max Peak	Vertical	164	351	68.2	-13.7	Pass
4	4838.78	49.10	2.81	-12.55	39.36	Max Avg	Vertical	164	351	54.0	-14.6	Pass
5	5208.07	78.96	2.99	-12.39	69.56	Fundamental	Horizontal	100	0	--	--	
6	6249.83	52.27	3.25	-9.50	46.02	Peak (NRB)	Horizontal	100	86	--	--	Pass

Test Notes: EUT powered by POE. 5G notch in front of amp to prevent overload.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN MT0268450, Power Setting: 11.0, 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	3996.02	67.64	2.60	-12.25	57.99	Max Peak	Horizontal	98	128	68.2	-10.2	Pass
2	3996.02	61.04	2.60	-12.25	51.39	Max Avg	Horizontal	98	128	54.0	-2.6	Pass
3	5246.88	70.96	3.00	-12.09	61.87	Fundamental	Horizontal	100	0	--	--	
4	6250.12	51.44	3.25	-9.49	45.20	Peak (NRB)	Horizontal	100	165	--	--	Pass

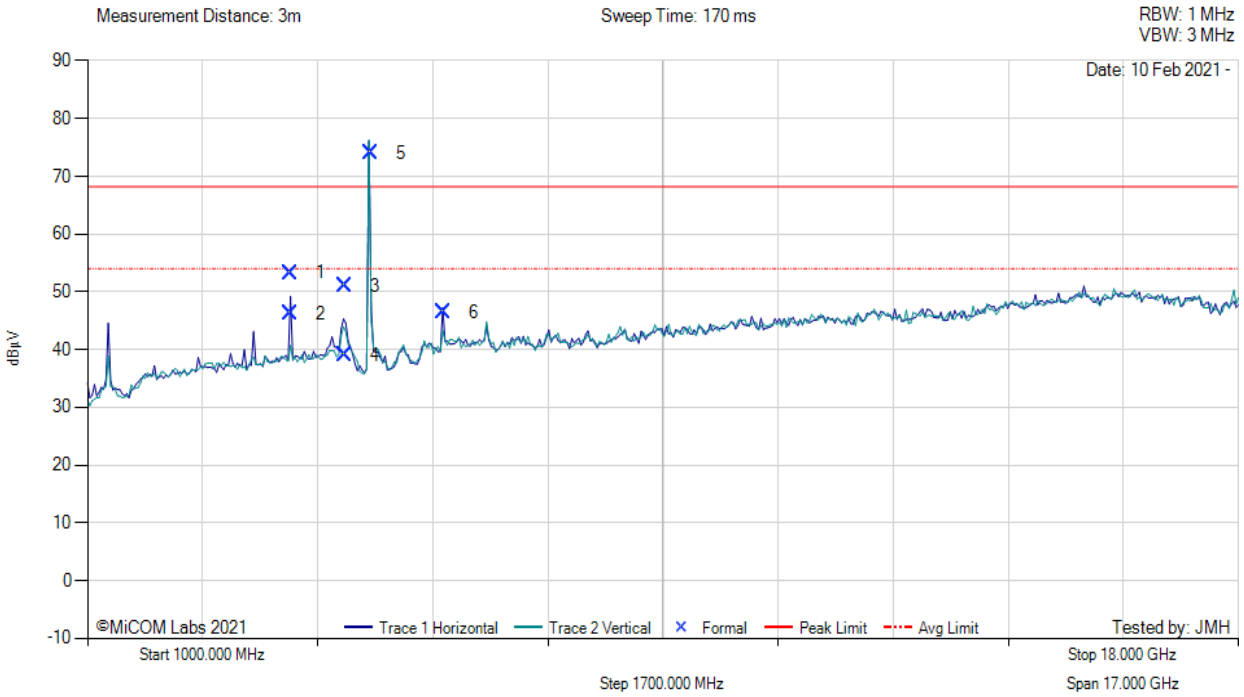
Test Notes: EUT powered by POE. 5G notch in front of amp to prevent overload.

back to matrix

A.4.1.2 RADWIN RW-9105-4958 – Point to Multi-Point

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 16.5, Duty Cycle (%): 99



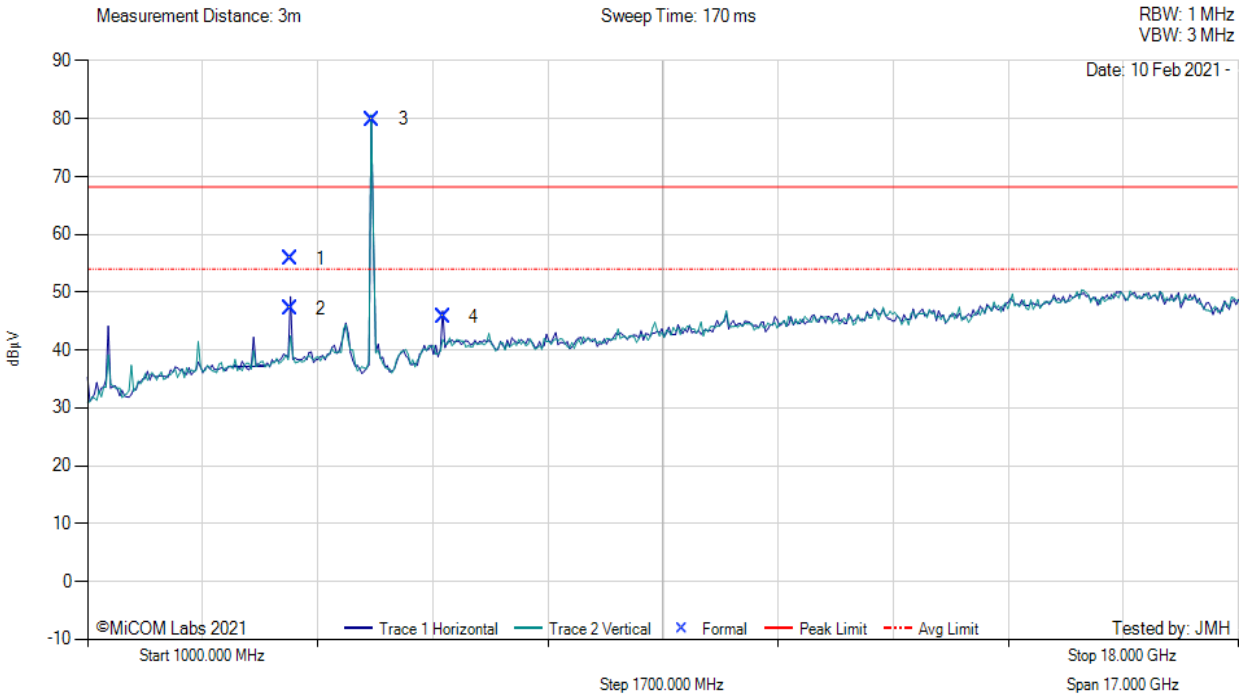
1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	3995.97	62.95	2.60	-12.25	53.30	Max Peak	Horizontal	130	277	68.2	-14.9	Pass
2	3995.97	55.93	2.60	-12.25	46.28	Max Avg	Horizontal	130	277	54.0	-7.7	Pass
3	4799.96	60.60	2.84	-12.41	51.03	Max Peak	Horizontal	129	356	68.2	-17.2	Pass
4	4799.96	48.58	2.84	-12.41	39.01	Max Avg	Horizontal	129	356	54.0	-15.0	Pass
5	5176.54	83.24	2.96	-12.14	74.06	Fundamental	Vertical	100	0	--	--	
6	6250.06	52.75	3.25	-9.49	46.51	Peak (NRB)	Horizontal	150	360	--	--	Pass

Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overload.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 16.5, Duty Cycle (%): 99



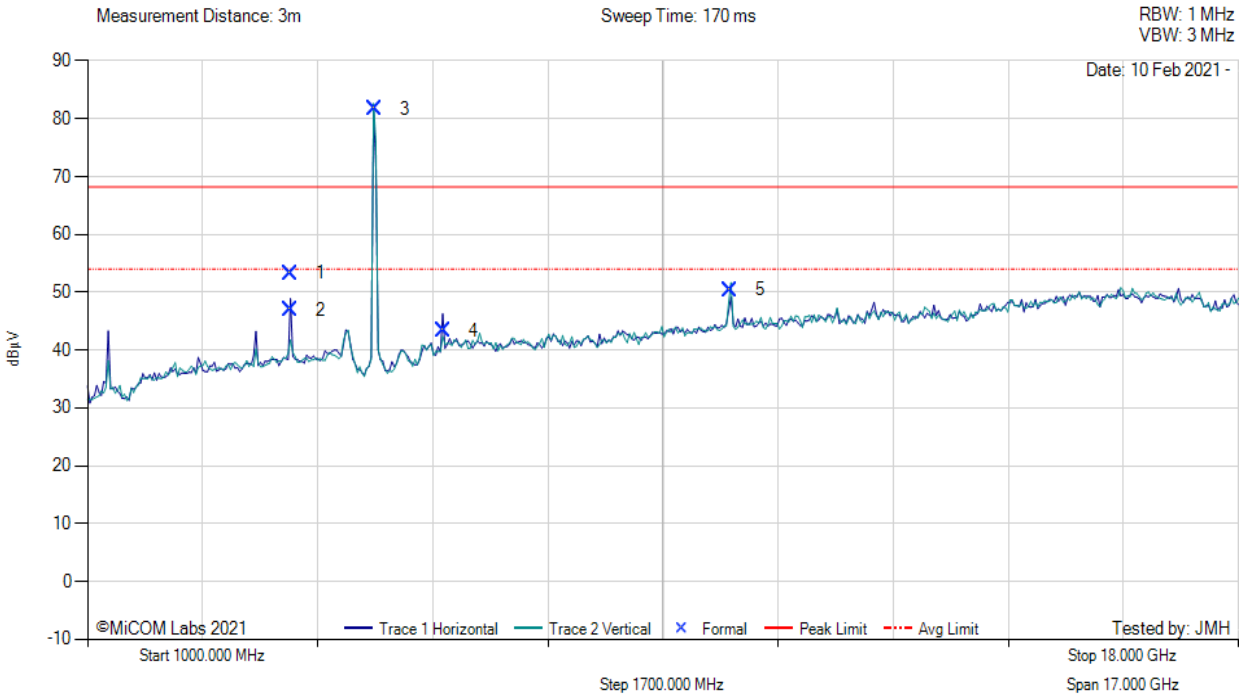
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	3995.92	65.45	2.60	-12.25	55.80	Max Peak	Horizontal	139	283	68.2	-12.4	Pass
2	3995.92	56.88	2.60	-12.25	47.23	Max Avg	Horizontal	139	283	54.0	-6.8	Pass
3	5213.14	89.23	2.99	-12.35	79.87	Fundamental	Vertical	100	0	--	--	
4	6249.81	52.00	3.25	-9.50	45.75	Peak (NRB)	Horizontal	100	0	--	--	Pass

Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overload.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 16.5, 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	3995.98	62.95	2.60	-12.25	53.30	Max Peak	Horizontal	140	283	68.2	-14.9	Pass
2	3995.98	56.58	2.60	-12.25	46.93	Max Avg	Horizontal	140	283	54.0	-7.1	Pass
3	5244.12	90.68	3.01	-12.05	81.64	Fundamental	Vertical	100	0	--	--	
4	6249.96	49.60	3.25	-9.50	43.35	Peak (NRB)	Horizontal	100	0	--	--	Pass
5	10488.77	50.90	4.43	-4.96	50.37	Peak (NRB)	Vertical	100	0	--	--	Pass

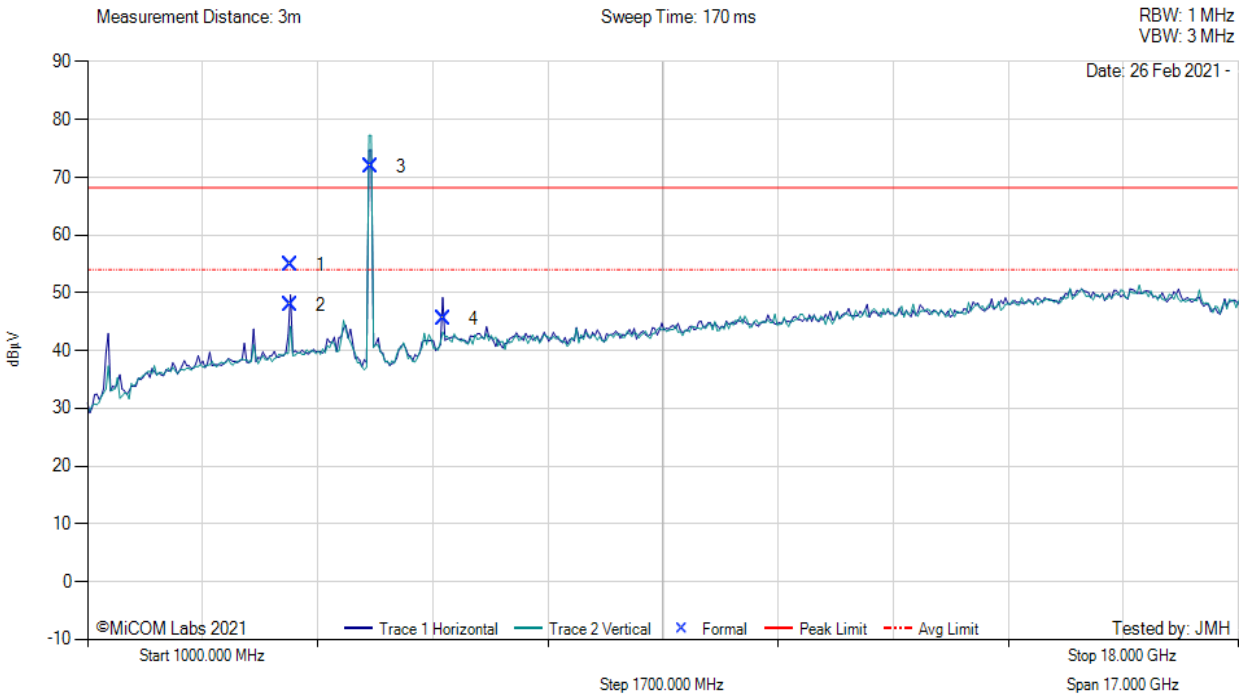
Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overload.

back to matrix

A.4.1.3 RADWIN RW-9105-4958 – Point to Point

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 15.0, Duty Cycle (%): 99



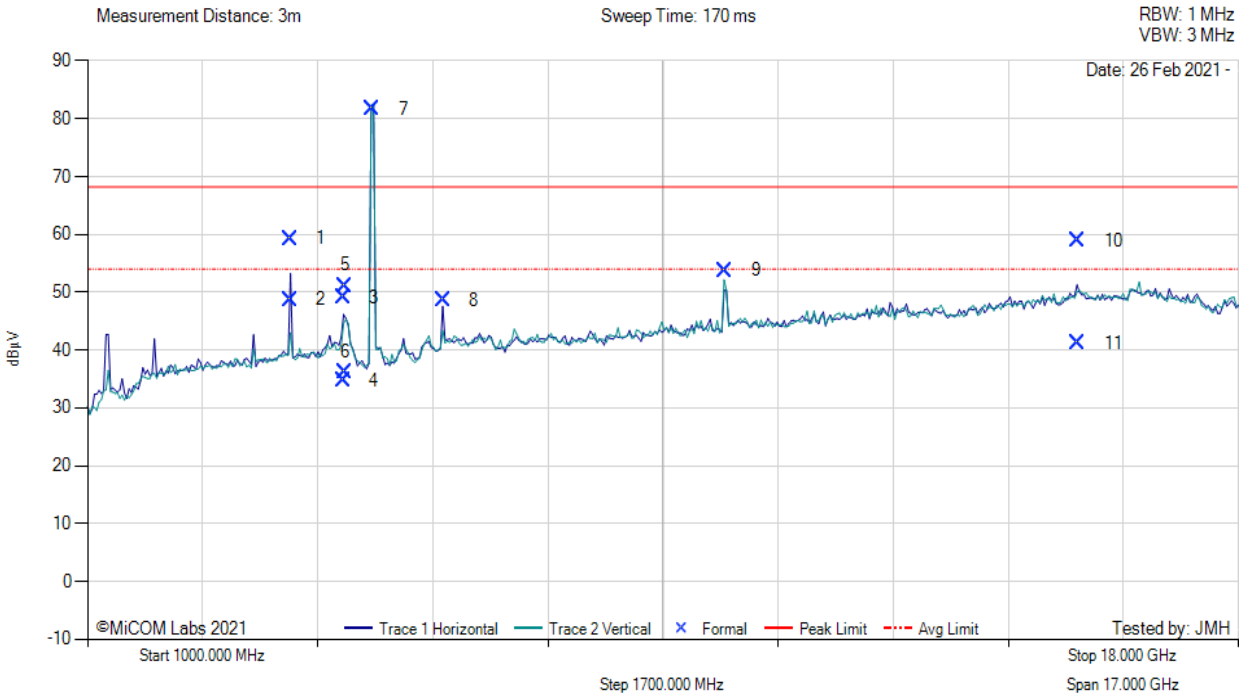
1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	3996.06	64.42	2.60	-12.25	54.77	Max Peak	Horizontal	144	351	68.2	-13.5	Pass
2	3996.06	57.48	2.60	-12.25	47.83	Max Avg	Horizontal	144	351	54.0	-6.2	Pass
3	5176.87	80.99	2.96	-12.14	71.81	Fundamental	Vertical	100	0	--	--	
4	6250.07	51.74	3.25	-9.49	45.50	Peak (NRB)	Horizontal	100	0	--	--	Pass

Test Notes: EUT powered by POE.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 20.0, Duty Cycle (%): 99



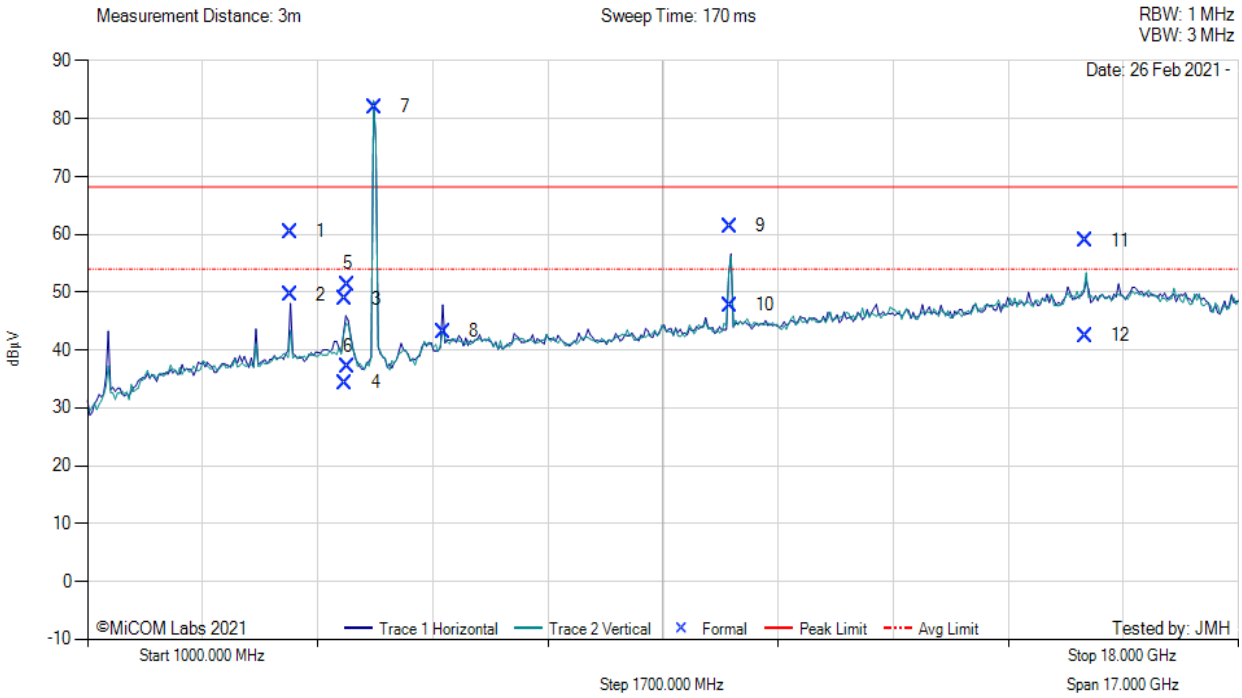
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	3996.02	68.93	2.60	-12.25	59.28	Max Peak	Horizontal	169	356	68.2	-9.0	Pass
2	3996.02	58.34	2.60	-12.25	48.69	Max Avg	Horizontal	169	356	54.0	-5.3	Pass
3	4779.40	58.66	2.86	-12.45	49.07	Max Peak	Horizontal	165	2	68.2	-19.2	Pass
4	4779.40	44.25	2.86	-12.45	34.66	Max Avg	Horizontal	165	2	54.0	-19.3	Pass
5	4807.52	60.68	2.85	-12.43	51.10	Max Peak	Horizontal	129	5	68.2	-17.1	Pass
6	4807.52	45.73	2.85	-12.43	36.15	Max Avg	Horizontal	129	5	54.0	-17.9	Pass
7	5211.83	90.97	2.99	-12.36	81.60	Fundamental	Vertical	100	0	--	--	
8	6250.00	54.81	3.25	-9.49	48.57	Peak (NRB)	Horizontal	151	8	--	--	Pass
9	10422.30	54.70	4.41	-5.31	53.80	Peak (NRB)	Vertical	151	8	--	--	Pass
10	15631.77	56.63	5.58	-3.31	58.90	Max Peak	Horizontal	164	9	68.2	-9.3	Pass
11	15631.77	38.98	5.58	-3.31	41.25	Max Avg	Horizontal	164	9	54.0	-12.8	Pass

Test Notes: EUT powered by POE.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 20.0, 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	3995.94	70.10	2.60	-12.25	60.45	Max Peak	Horizontal	119	39	68.2	-7.8	Pass
2	3995.94	59.21	2.60	-12.25	49.56	Max Avg	Horizontal	119	39	54.0	-4.4	Pass
3	4810.94	58.41	2.85	-12.42	48.84	Max Peak	Horizontal	141	14	68.2	-19.4	Pass
4	4810.94	43.89	2.85	-12.42	34.32	Max Avg	Horizontal	141	14	54.0	-19.7	Pass
5	4839.35	61.10	2.82	-12.55	51.37	Max Peak	Horizontal	163	4	68.2	-16.9	Pass
6	4839.35	46.85	2.82	-12.55	37.12	Max Avg	Horizontal	163	4	54.0	-16.9	Pass
7	5243.35	91.07	3.02	-12.03	82.06	Fundamental	Vertical	100	0	--	--	
8	6249.96	49.45	3.25	-9.50	43.20	Peak (NRB)	Horizontal	150	2	--	--	Pass
9	10489.17	61.95	4.43	-4.94	61.44	Max Peak	Horizontal	158	8	68.2	-6.8	Pass
10	10489.17	48.24	4.43	-4.94	47.73	Max Avg	Horizontal	158	8	54.0	-6.3	Pass
11	15737.80	56.04	5.77	-2.87	58.94	Max Peak	Vertical	156	0	68.2	-9.3	Pass
12	15737.80	39.62	5.77	-2.87	42.52	Max Avg	Vertical	156	0	54.0	-11.5	Pass

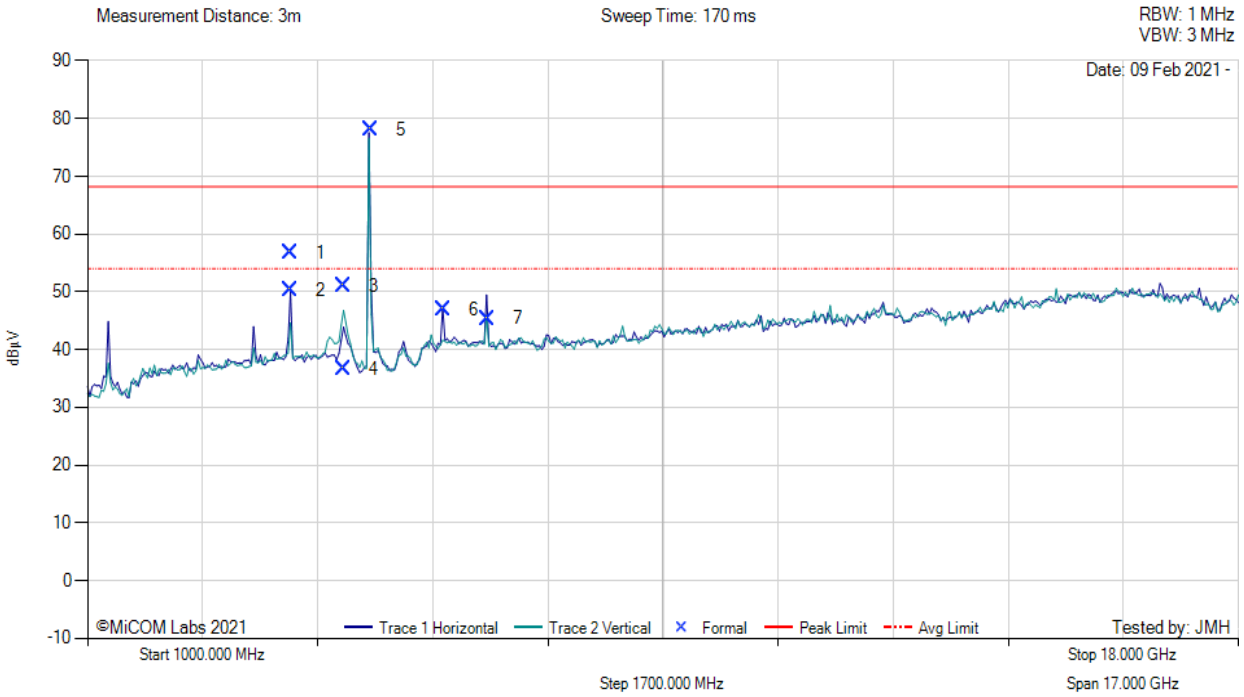
Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overload.

back to matrix

A.4.1.4 RADWIN RW-9105-5159 Point to Multi-Point

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 19.5, Duty Cycle (%): 99



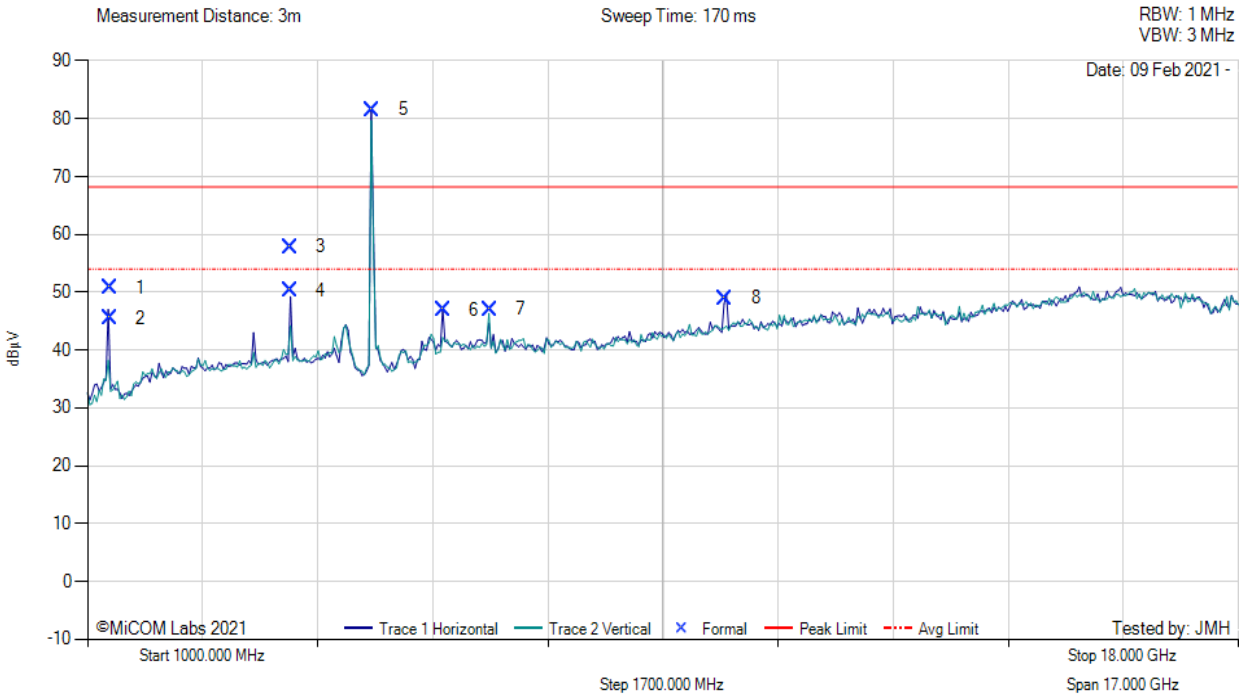
1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	3995.94	66.36	2.60	-12.25	56.71	Max Peak	Horizontal	177	35	68.2	-11.5	Pass
2	3995.94	59.98	2.60	-12.25	50.33	Max Avg	Horizontal	177	35	54.0	-3.7	Pass
3	4779.63	60.55	2.86	-12.45	50.96	Max Peak	Vertical	146	355	68.2	-17.3	Pass
4	4779.63	46.16	2.86	-12.45	36.57	Max Avg	Vertical	146	355	54.0	-17.4	Pass
5	5178.30	87.29	2.97	-12.12	78.14	Fundamental	Horizontal	100	0	--	--	
6	6249.93	53.18	3.25	-9.50	46.93	Peak (NRB)	Horizontal	100	0	--	--	Pass
7	6899.90	50.02	3.37	-8.00	45.39	Peak (NRB)	Horizontal	100	0	--	--	Pass

Test Notes: EUT powered by POE.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 19.5, Duty Cycle (%): 99



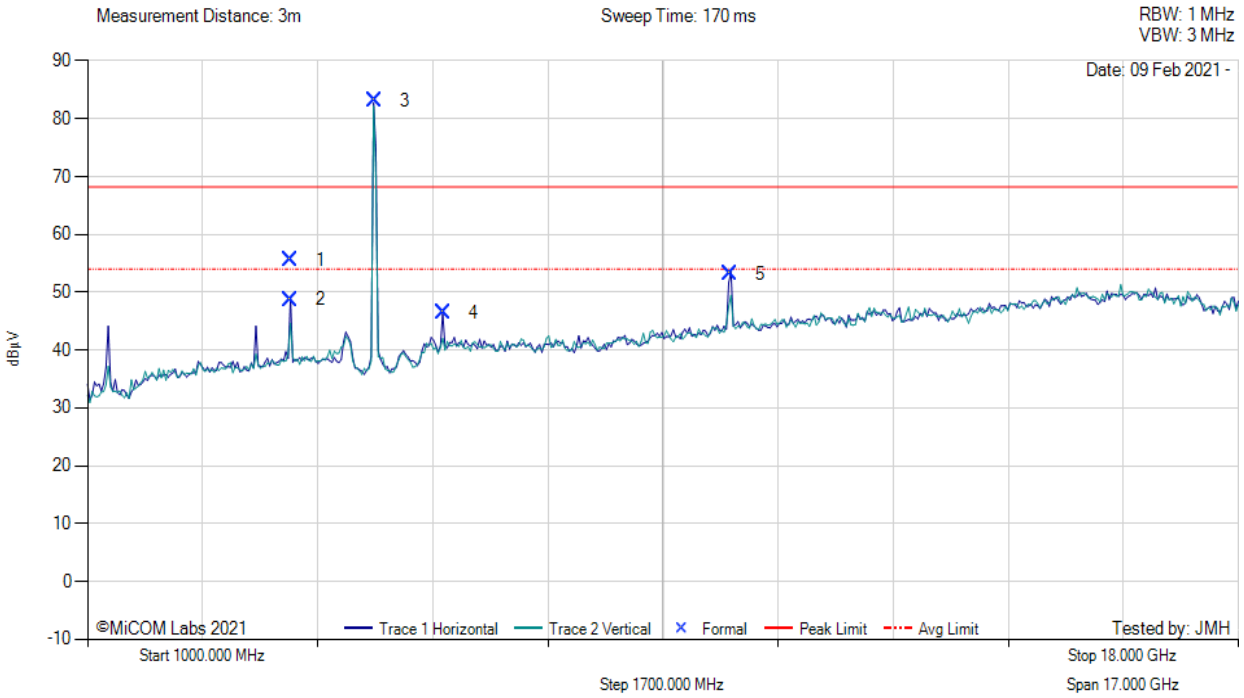
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	1331.95	65.27	1.49	-15.95	50.81	Max Peak	Horizontal	159	14	68.2	-17.4	Pass
2	1331.95	60.02	1.49	-15.95	45.56	Max Avg	Horizontal	159	14	54.0	-8.4	Pass
3	3996.13	67.51	2.60	-12.25	57.86	Max Peak	Horizontal	137	39	68.2	-10.4	Pass
4	3996.13	59.93	2.60	-12.25	50.28	Max Avg	Horizontal	137	39	54.0	-3.7	Pass
5	5211.05	90.94	2.99	-12.37	81.56	Fundamental	Horizontal	100	0	--	--	
6	6249.89	53.12	3.25	-9.50	46.87	Peak (NRB)	Horizontal	100	0	--	--	Pass
7	6946.52	51.54	3.35	-7.80	47.09	Peak (NRB)	Vertical	100	0	--	--	Pass
8	10422.76	49.89	4.41	-5.31	48.99	Peak (NRB)	Horizontal	100	0	--	--	Pass

Test Notes: EUT powered by POE.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 19.5, 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	3996.00	65.18	2.60	-12.25	55.53	Max Peak	Horizontal	116	295	68.2	-12.7	Pass
2	3996.00	58.41	2.60	-12.25	48.76	Max Avg	Horizontal	116	295	54.0	-5.2	Pass
3	5241.48	92.18	3.01	-12.06	83.13	Fundamental	Horizontal	100	0	--	--	
4	6249.87	52.72	3.25	-9.50	46.47	Peak (NRB)	Horizontal	100	0	--	--	Pass
5	10490.52	53.59	4.43	-4.91	53.11	Peak (NRB)	Horizontal	100	0	--	--	Pass

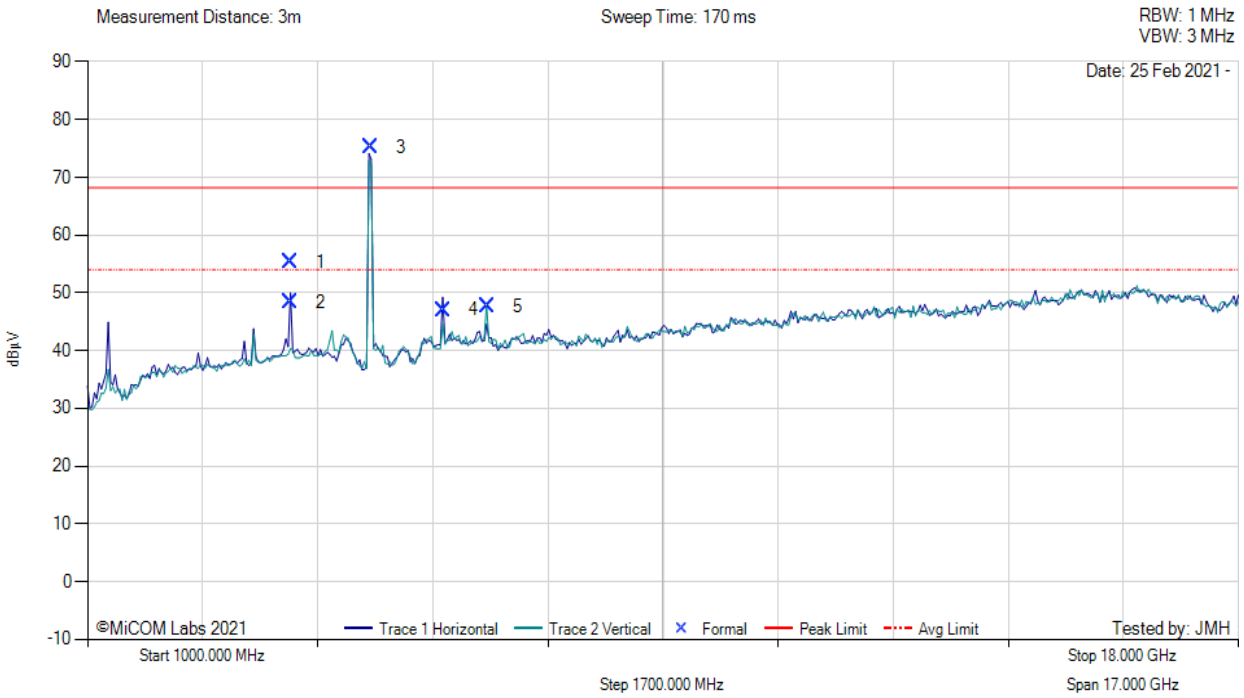
Test Notes: EUT powered by POE.

back to matrix

A.4.1.5 RADWIN RW-9105-5159 Point to Point

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 16.5, Duty Cycle (%): 99



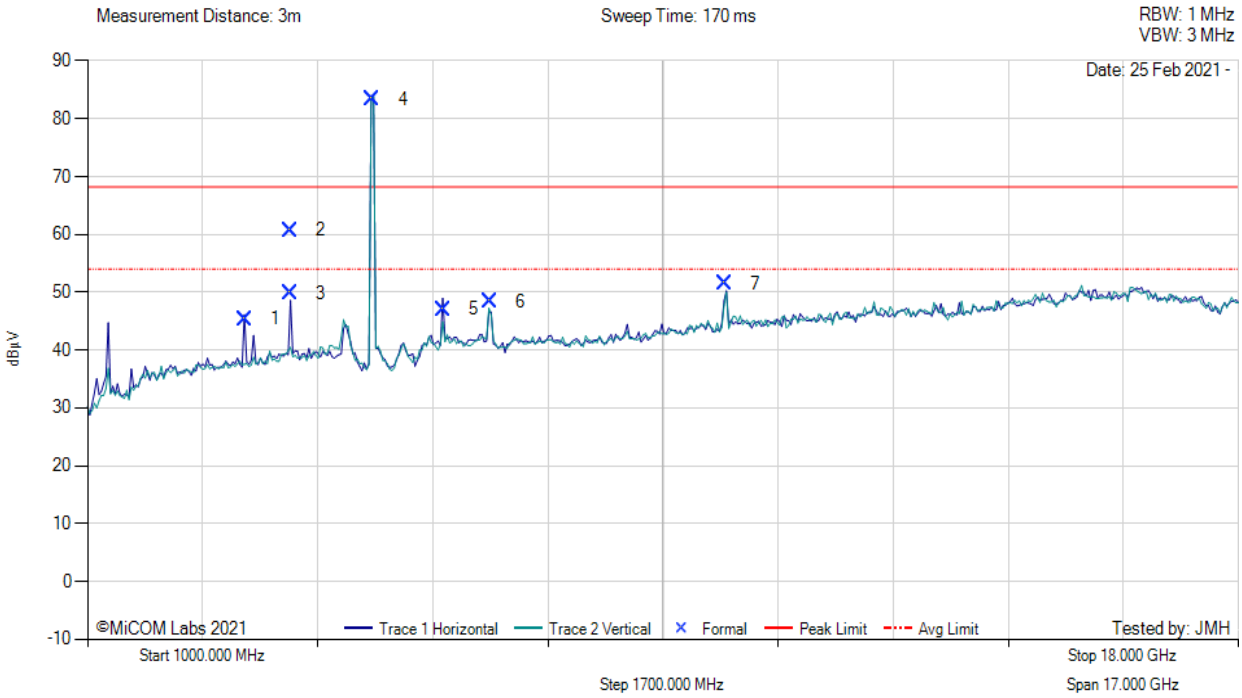
1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	3995.91	64.95	2.60	-12.25	55.30	Max Peak	Horizontal	136	65	68.2	-12.9	Pass
2	3995.91	58.04	2.60	-12.25	48.39	Max Avg	Horizontal	136	65	54.0	-5.6	Pass
3	5176.98	84.33	2.96	-12.14	75.15	Fundamental	Horizontal	100	0	--	--	
4	6249.82	53.28	3.25	-9.50	47.03	Peak (NRB)	Horizontal	100	0	--	--	Pass
5	6899.88	52.30	3.37	-8.00	47.67	Peak (NRB)	Vertical	100	0	--	--	Pass

Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overloads.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 23.0, Duty Cycle (%): 99



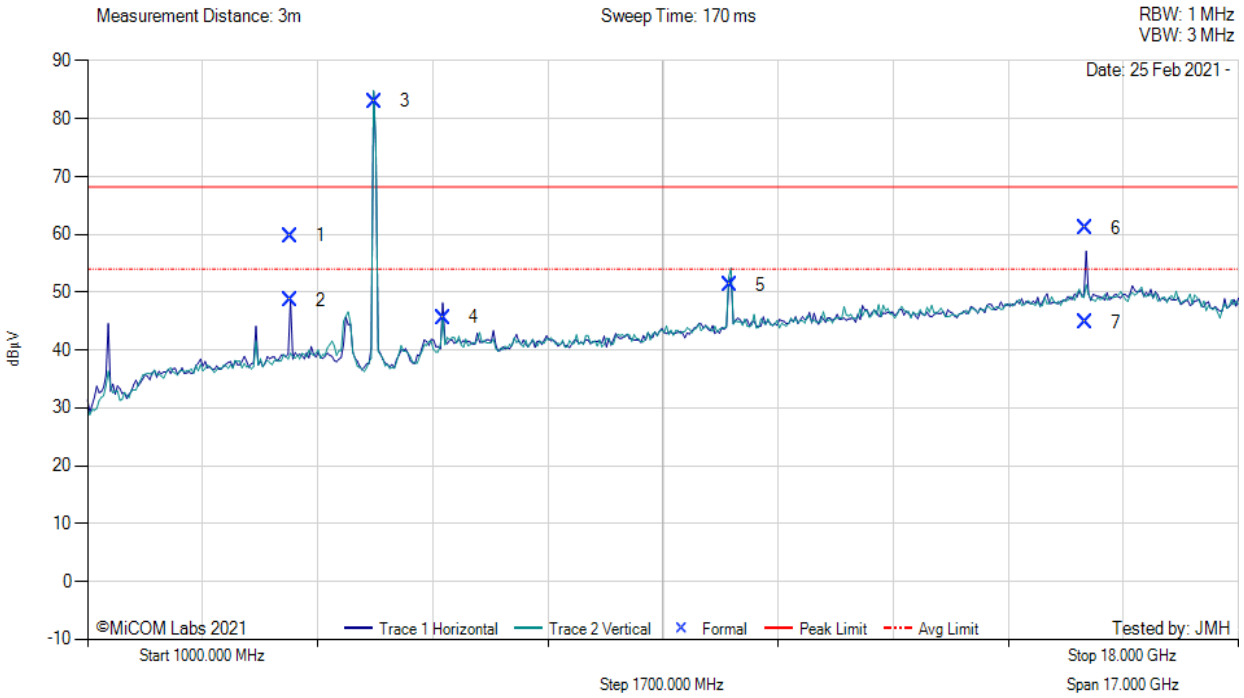
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	3330.26	55.10	2.40	-12.11	45.39	Peak (NRB)	Horizontal	147	0	--	--	Pass
2	3995.94	70.35	2.60	-12.25	60.70	Max Peak	Horizontal	138	56	68.2	-7.5	Pass
3	3995.94	59.43	2.60	-12.25	49.78	Max Avg	Horizontal	138	56	54.0	-4.2	Pass
4	5211.28	90.77	2.99	-12.37	83.39	Fundamental	Vertical	100	0	--	--	
5	6249.87	53.34	3.25	-9.50	47.09	Peak (NRB)	Horizontal	147	9	--	--	Pass
6	6946.67	52.83	3.35	-7.80	48.38	Peak (NRB)	Vertical	147	9	--	--	Pass
7	10419.17	52.43	4.39	-5.38	51.44	Peak (NRB)	Horizontal	147	9	--	--	Pass

Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overloads.

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 23.0, 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	3995.95	69.40	2.60	-12.25	59.75	Max Peak	Horizontal	151	42	68.2	-8.5	Pass
2	3995.95	58.29	2.60	-12.25	48.64	Max Avg	Horizontal	151	42	54.0	-5.4	Pass
3	5246.66	92.04	3.00	-12.09	82.95	Fundamental	Vertical	135	0	--	--	
4	6250.05	51.83	3.25	-9.49	45.59	Peak (NRB)	Horizontal	100	0	--	--	Pass
5	10488.94	51.71	4.43	-4.96	51.18	Peak (NRB)	Vertical	100	0	--	--	Pass
6	15732.06	58.08	5.86	-2.87	61.07	Max Peak	Horizontal	136	0	68.2	-7.2	Pass
7	15732.06	41.76	5.86	-2.87	44.75	Max Avg	Horizontal	136	0	54.0	-9.3	Pass

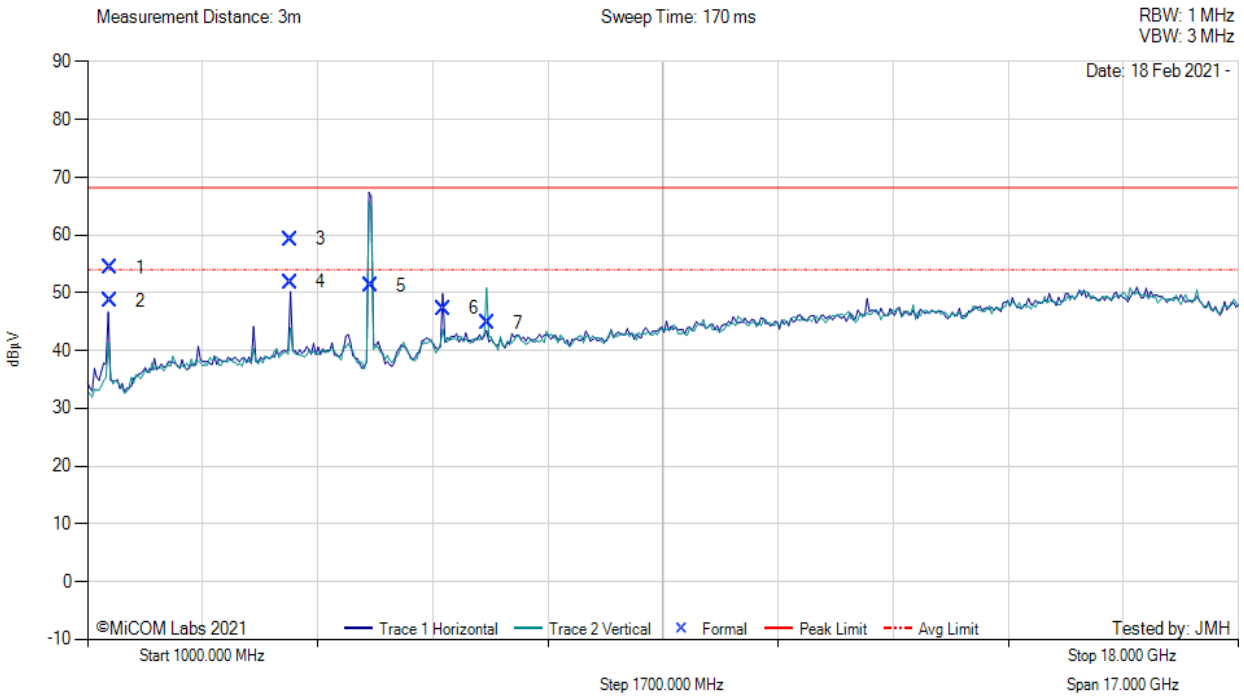
Test Notes: EUT powered by POE. 5G Notch in front of amp to prevent overloads.

back to matrix

A.4.1.5 RADWIN RW-9622-5001 Point to Point

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 0.5, 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	1332.04	68.84	1.49	-15.95	54.38	Max Peak	Horizontal	155	182	68.2	-13.9	Pass
2	1332.04	63.00	1.49	-15.95	48.54	Max Avg	Horizontal	155	182	54.0	-5.5	Pass
3	3995.89	68.93	2.60	-12.25	59.28	Max Peak	Horizontal	158	223	68.2	-9.0	Pass
4	3995.89	61.46	2.60	-12.25	51.81	Max Avg	Horizontal	158	223	54.0	-2.2	Pass
5	5178.15	60.32	2.97	-12.12	51.17	Fundamental	Horizontal	100	0	--	--	
6	6249.89	53.52	3.25	-9.50	47.27	Peak (NRB)	Horizontal	100	175	--	--	Pass
7	6900.17	49.48	3.37	-8.03	44.82	Peak (NRB)	Vertical	100	0	--	--	Pass

Test Notes: EUT powered by POE

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 12.0, Duty Cycle (%): 99

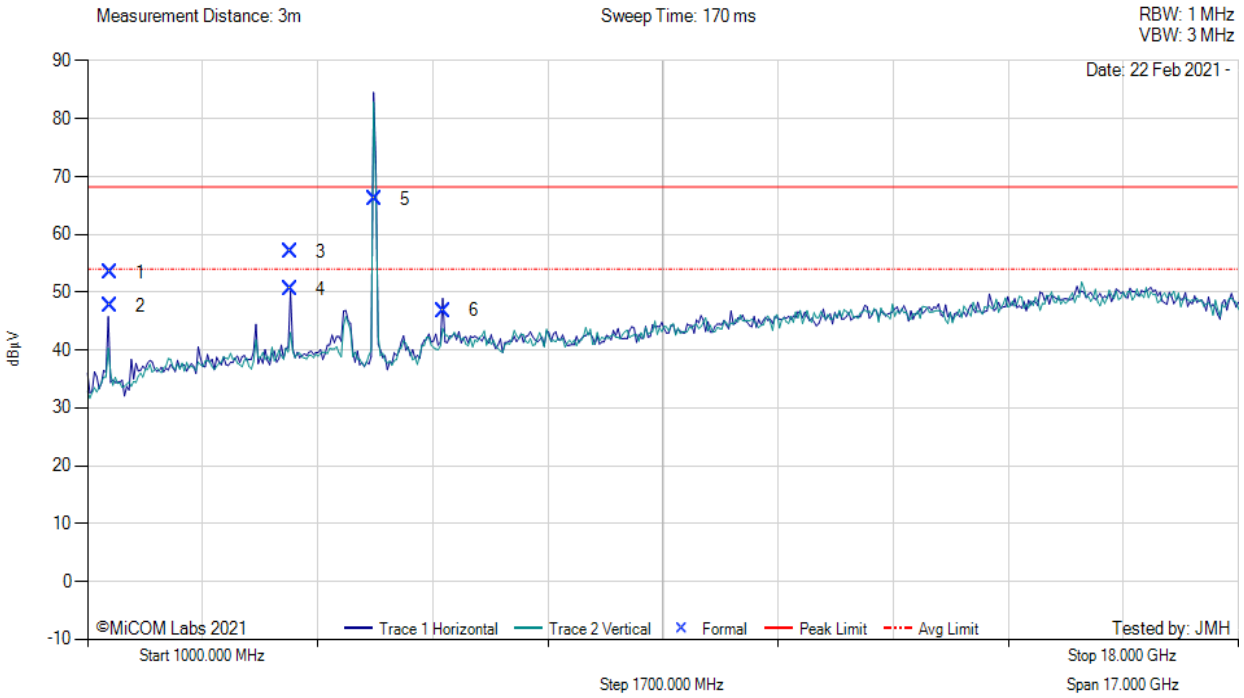
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	1331.96	70.59	1.49	-15.95	56.13	Max Peak	Horizontal	175	186	68.2	-12.0	Pass
2	1331.96	63.68	1.49	-15.95	49.22	Max Avg	Horizontal	175	186	54.0	-4.8	Pass
3	3996.12	61.89	2.60	-12.25	52.24	Max Avg	Horizontal	192	146	54.0	-1.8	Pass
4	4832.11	65.91	2.84	-12.52	56.23	Max Peak	Horizontal	167	5	68.2	-11.0	Pass
5	4832.11	51.25	2.84	-12.52	41.57	Max Avg	Horizontal	167	5	54.0	-12.4	Pass
6	5210.96	74.90	2.99	-12.37	65.52	Fundamental	Horizontal	100	0	--	--	
7	6250.10	54.72	3.25	-9.49	48.48	Peak (NRB)	Horizontal	100	145	--	--	Pass
8	6946.55	53.43	3.35	-7.80	48.98	Peak (NRB)	Horizontal	123	360	--	--	Pass
9	39961.14	68.60	2.60	-12.25	58.95	Max Peak	Horizontal	192	146	68.2	-9.3	Pass

Test Notes: EUT powered by POE

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 12.0, 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	1331.99	67.90	1.49	-15.95	53.44	Max Peak	Horizontal	157	168	68.2	-14.8	Pass
2	1331.99	62.15	1.49	-15.95	47.69	Max Avg	Horizontal	157	168	54.0	-6.2	Pass
3	3996.11	66.62	2.60	-12.25	56.97	Max Peak	Horizontal	169	137	68.2	-11.3	Pass
4	3996.11	59.82	2.60	-12.25	50.57	Max Avg	Horizontal	169	137	54.0	-3.4	Pass
5	5243.13	75.13	3.02	-12.03	66.12	Fundamental	Horizontal	100	0	--	--	
6	6249.99	53.09	3.25	-9.50	46.84	Peak (NRB)	Horizontal	100	180	--	--	Pass

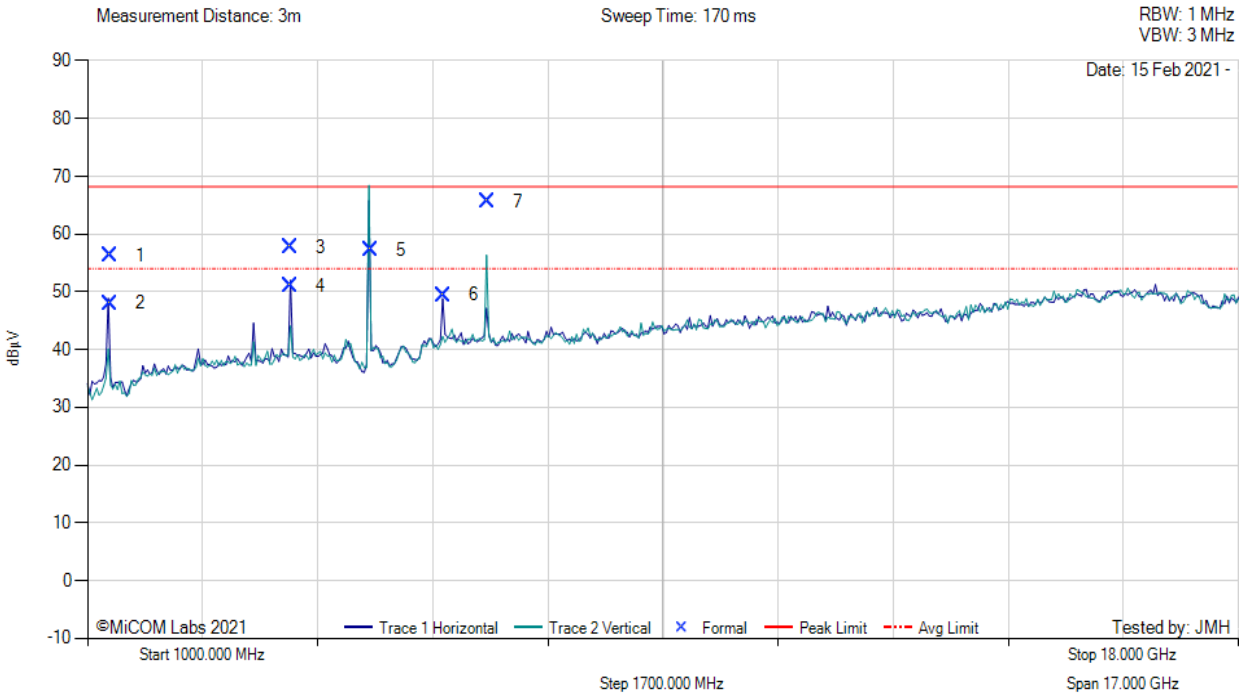
Test Notes: EUT powered by POE. 5 G notch in front of amp to prevent overload

back to matrix

A.4.1.6 RADWIN RW-9732-4958

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 2.5, Duty Cycle (%): 99



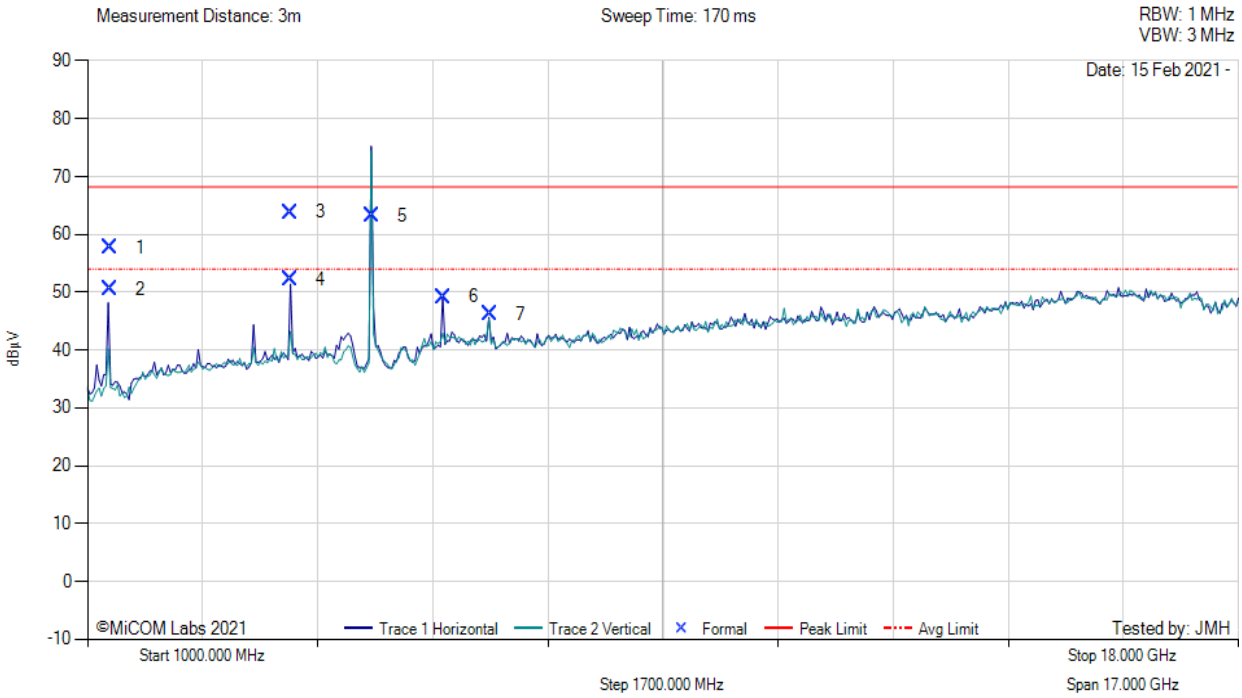
1000.00 - 18000.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	1332.00	70.76	1.49	-15.95	56.30	Max Peak	Horizontal	98	191	68.2	-11.9	Pass
2	1332.00	62.48	1.49	-15.95	48.02	Max Avg	Horizontal	98	191	54.0	-6.0	Pass
3	3995.96	67.38	2.60	-12.25	57.73	Max Peak	Horizontal	190	199	68.2	-10.5	Pass
4	3995.96	60.58	2.60	-12.25	50.93	Max Avg	Horizontal	190	199	54.0	-3.1	Pass
5	5177.86	66.42	2.97	-12.12	57.27	Fundamental	Vertical	151	0	--	--	
6	6249.98	55.66	3.25	-9.50	49.41	Peak (NRB)	Horizontal	151	172	--	--	Pass
7	6899.94	70.19	3.37	-8.00	65.56	Peak (NRB)	Vertical	135	13	68.2	-2.7	Pass

Test Notes: EUT powered by POE. 5G notch in front of amp to prevent overload. Power reduced to meet band edge limit

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 7.0, Duty Cycle (%): 99

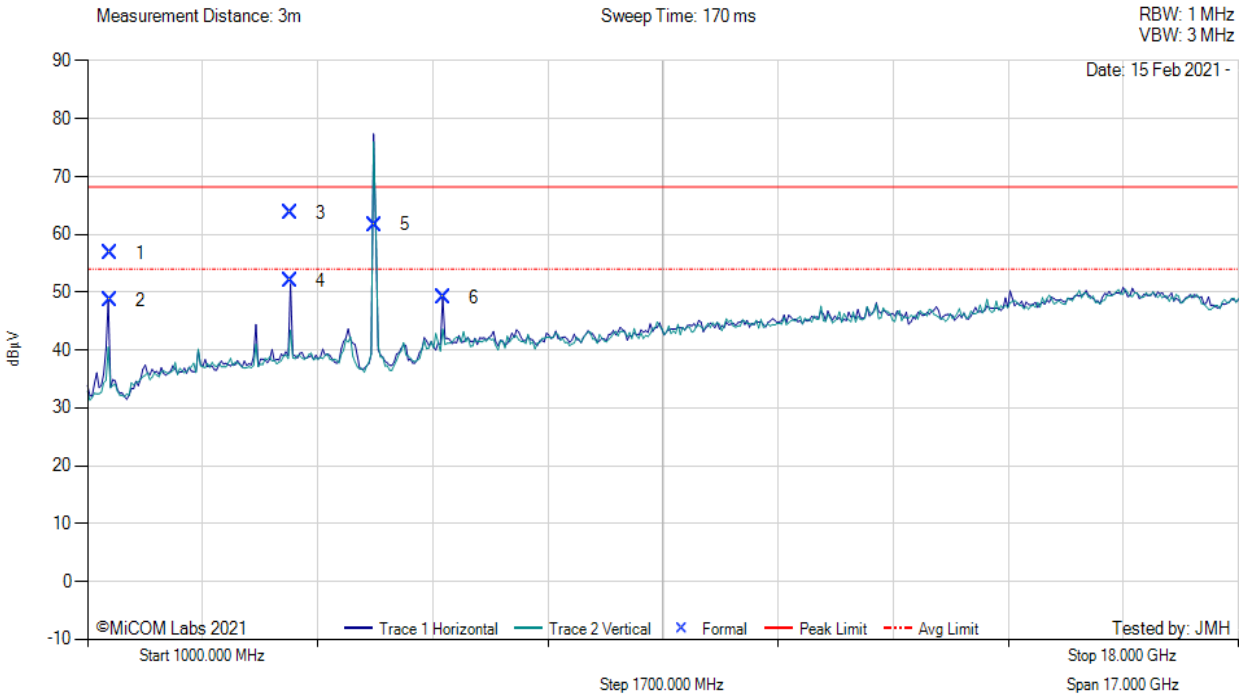


1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	1331.98	72.24	1.49	-15.95	57.78	Max Peak	Horizontal	139	170	68.2	-10.5	Pass
2	1331.98	65.02	1.49	-15.95	50.56	Max Avg	Horizontal	139	170	54.0	-3.4	Pass
3	3996.01	73.48	2.60	-12.25	63.83	Max Peak	Horizontal	98	185	68.2	-4.4	Pass
4	3996.01	61.80	2.60	-12.25	52.15	Max Avg	Horizontal	98	185	54.0	-1.9	Pass
5	5209.06	72.68	2.99	-12.38	63.29	Fundamental	Horizontal	151	0	--	--	
6	6249.95	55.42	3.25	-9.50	49.17	Peak (NRB)	Horizontal	151	195	--	--	Pass
7	6946.58	50.64	3.35	-7.80	46.19	Peak (NRB)	Horizontal	151	19	--	--	Pass

back to matrix

TX SPURIOUS & RESTRICTED BAND EMISSIONS

Variant: 10MHz, Test Freq: 5245.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 7.0, Duty Cycle (%): 99



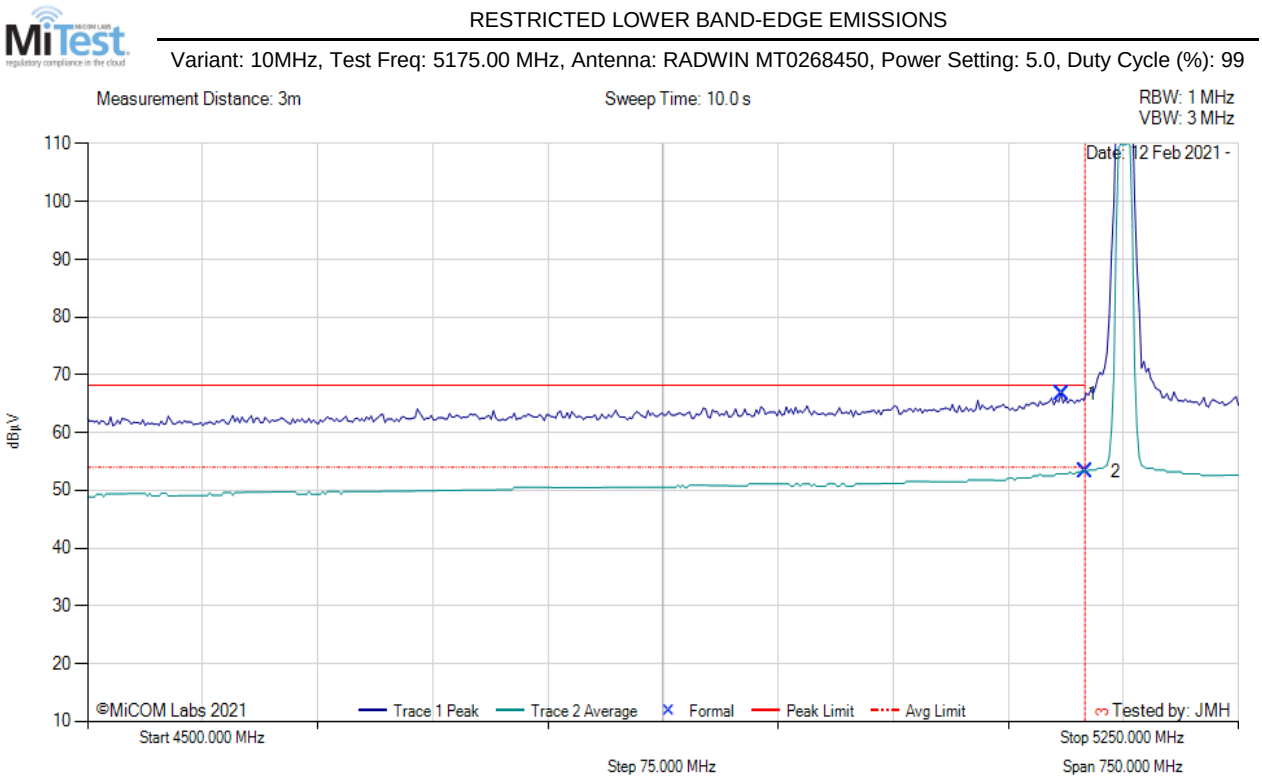
1000.00 - 18000.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	1332.02	71.17	1.49	-15.95	56.71	Max Peak	Horizontal	116	188	68.2	-11.5	Pass
2	1332.02	63.11	1.49	-15.95	48.65	Max Avg	Horizontal	116	188	54.0	-5.4	Pass
3	3996.00	73.35	2.60	-12.25	63.70	Max Peak	Horizontal	99	185	68.2	-4.5	Pass
4	3996.00	61.68	2.60	-12.25	52.03	Max Avg	Horizontal	99	185	54.0	-2.0	Pass
5	5243.02	70.71	3.02	-12.03	61.70	Fundamental	Horizontal	151	0	--	--	
6	6249.92	55.32	3.25	-9.50	49.07	Peak (NRB)	Horizontal	151	195	--	--	Pass

Test Notes: EUT powered by POE. 5G notch in front of amp to prevent overload.

back to matrix

A4.2 Restricted Edge & Band-Edge Emissions

A.4.2.1 ADWIN MT0268450



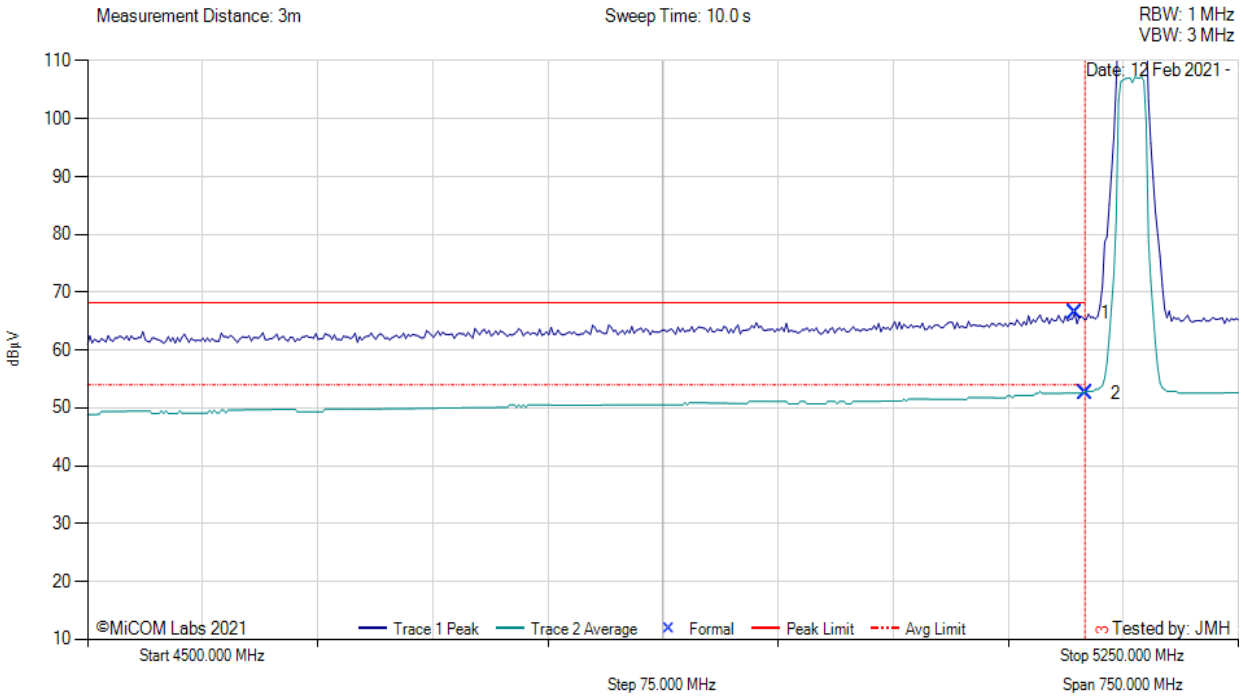
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5134.97	29.55	2.99	34.18	66.72	Max Peak	Vertical	170	347	68.2	-1.5	Pass
2	5150.00	16.07	2.93	34.21	53.21	Max Avg	Vertical	170	347	54.0	-0.8	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN MT0268450, Power Setting: 5.0, Duty Cycle (%): 99



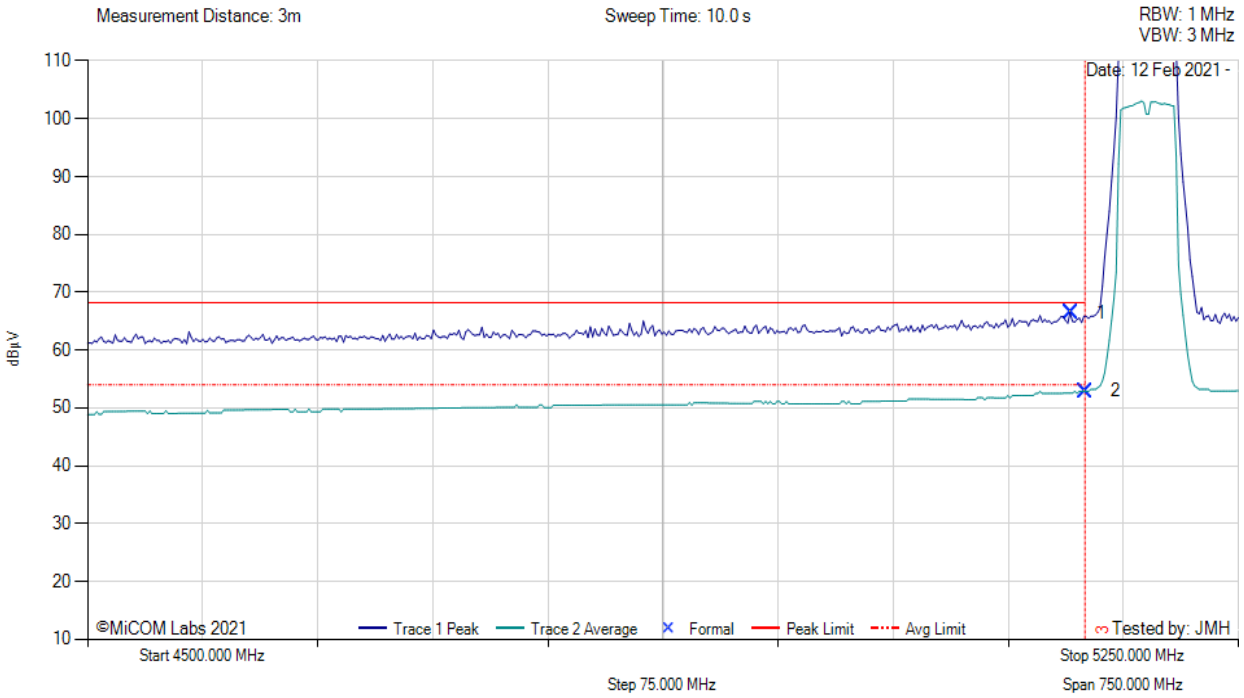
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5143.29	29.26	2.94	34.20	66.40	Max Peak	Vertical	170	347	68.2	-1.8	Pass
2	5150.00	15.42	2.93	34.21	52.56	Max Avg	Vertical	170	347	54.0	-1.4	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN MT0268450, Power Setting: 5.0, Duty Cycle (%): 90



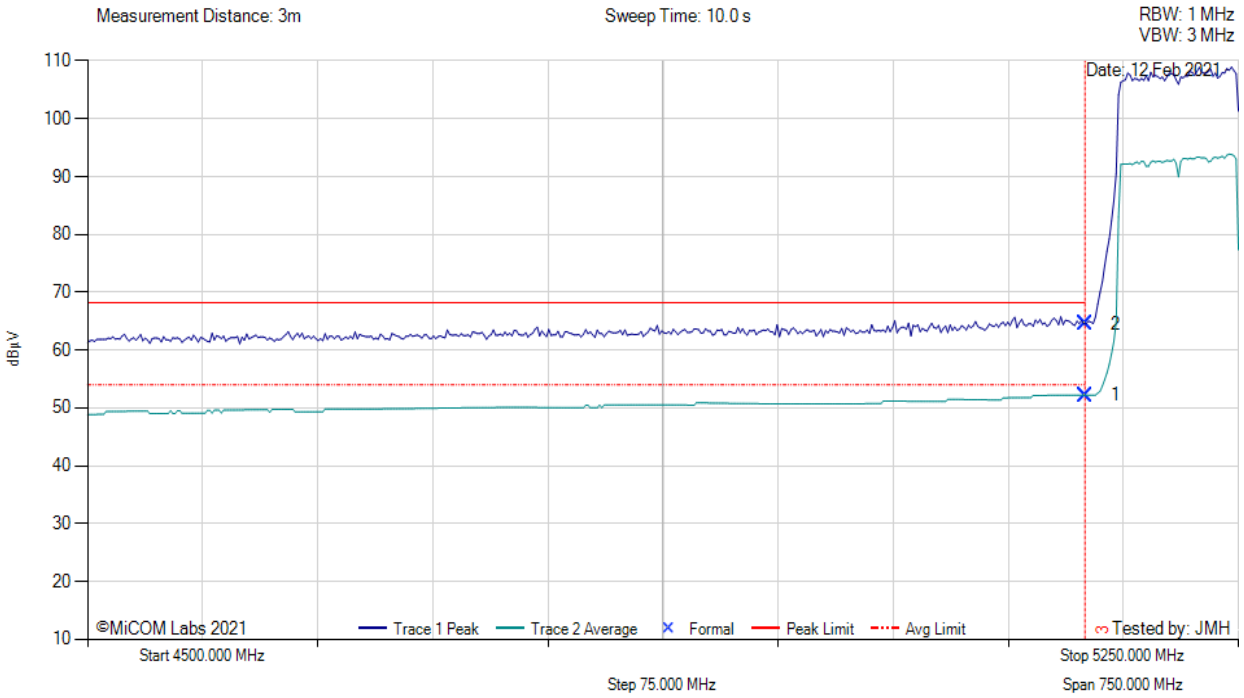
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5140.98	29.30	2.96	34.20	66.46	Max Peak	Vertical	170	347	68.2	-1.8	Pass
2	5150.00	15.75	2.93	34.21	52.89	Max Avg	Vertical	170	347	54.0	-1.1	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 0.4 dB DCCF added to average measurement

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN MT0268450, Power Setting: 1.5, Duty Cycle (%): 75



4500.00 - 5250.00 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	5150.00	15.08	2.93	34.21	52.22	Max Avg	Vertical	170	347	54.0	-1.8	Pass
2	5150.00	27.38	2.93	34.21	64.52	Max Peak	Vertical	170	347	68.2	-3.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

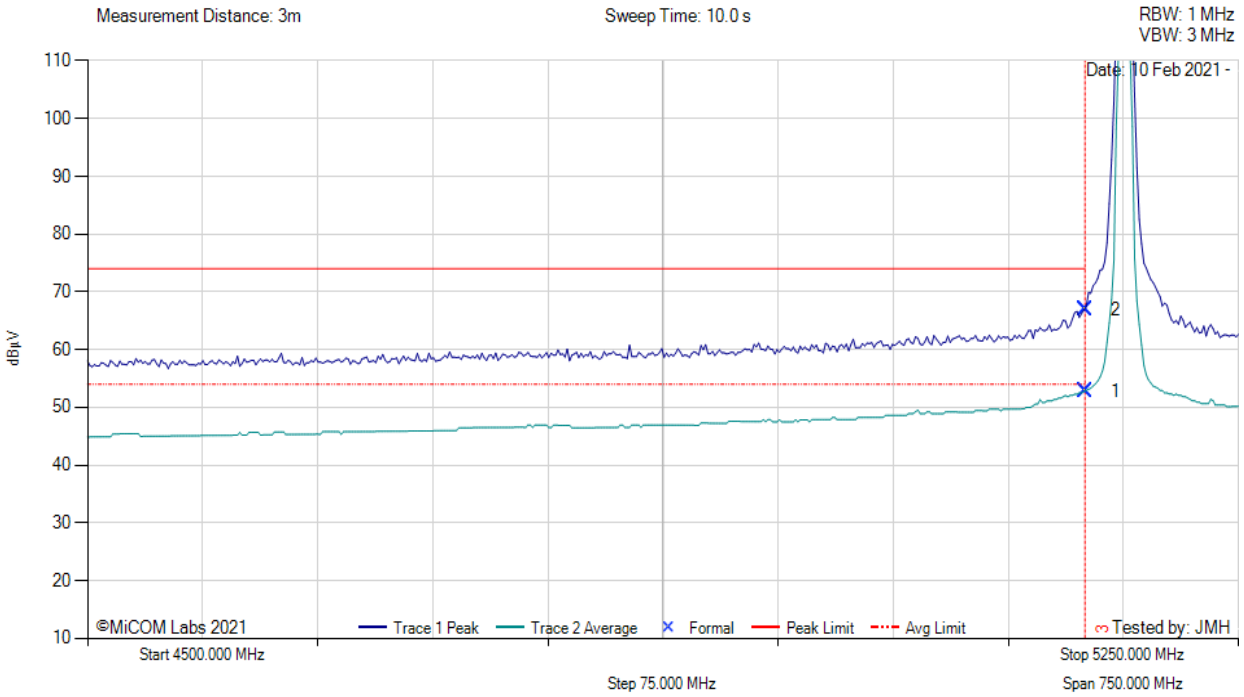
Test Notes: EUT powered by POE. 1.25 dB DCCF added to average measurement

back to matrix

A.4.2.2 RADWIN RW-9105-4958 – Point to Multi-Point

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 15.0, Duty Cycle (%): 99



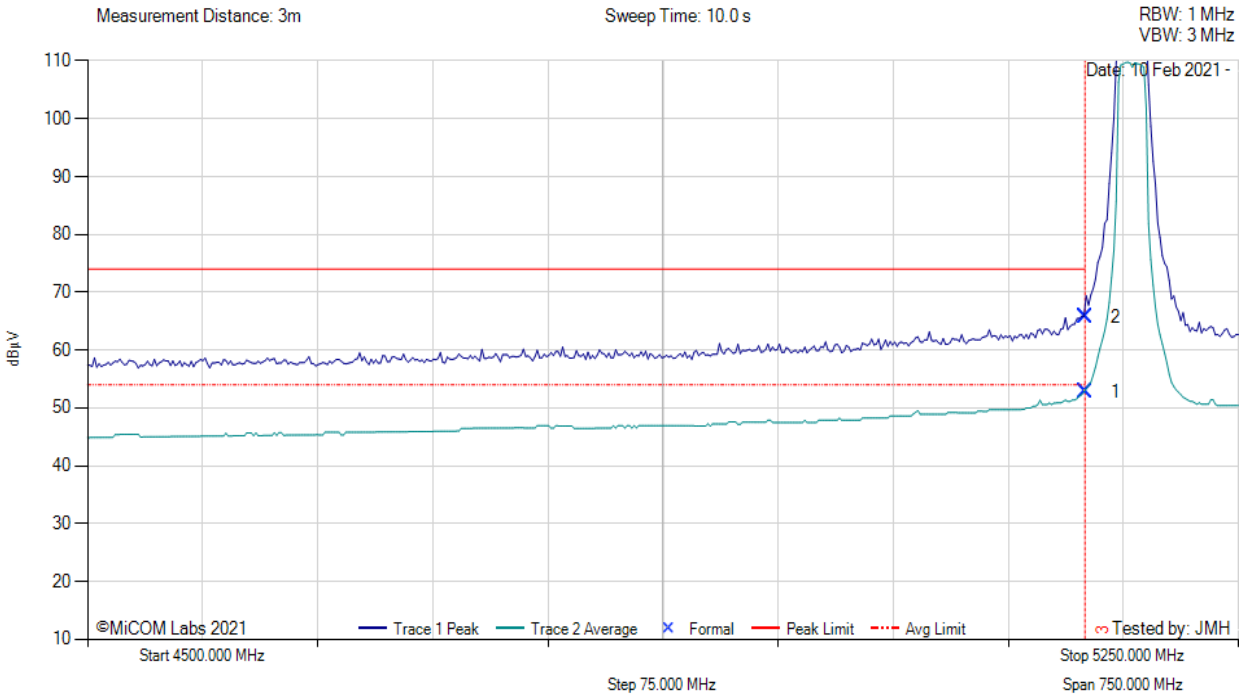
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	15.59	2.93	34.21	52.73	Max Avg	Vertical	147	1	54.0	-1.3	Pass
2	5150.00	29.73	2.93	34.21	66.87	Max Peak	Vertical	147	1	74.0	-7.1	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 14.5, Duty Cycle (%): 99



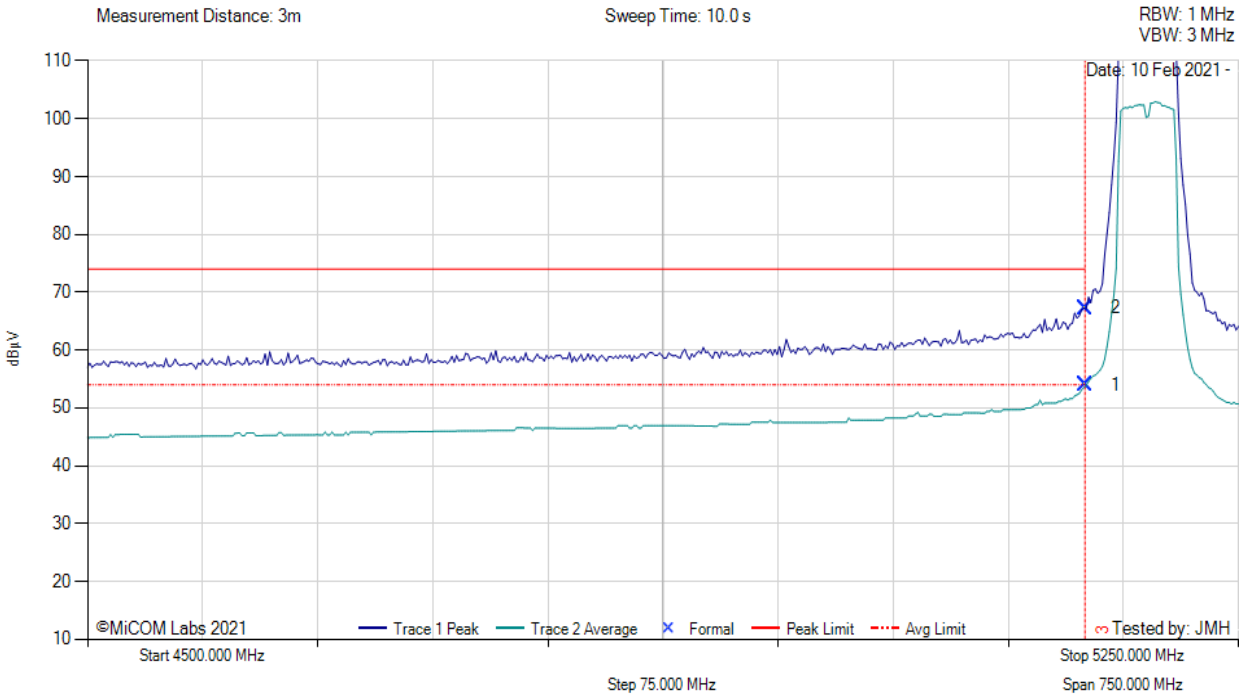
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5150.00	15.59	2.93	34.21	52.73	Max Avg	Vertical	147	1	54.0	-1.3	Pass
2	5150.00	28.65	2.93	34.21	65.79	Max Peak	Vertical	147	1	74.0	-8.2	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 11.0, Duty Cycle (%): 90



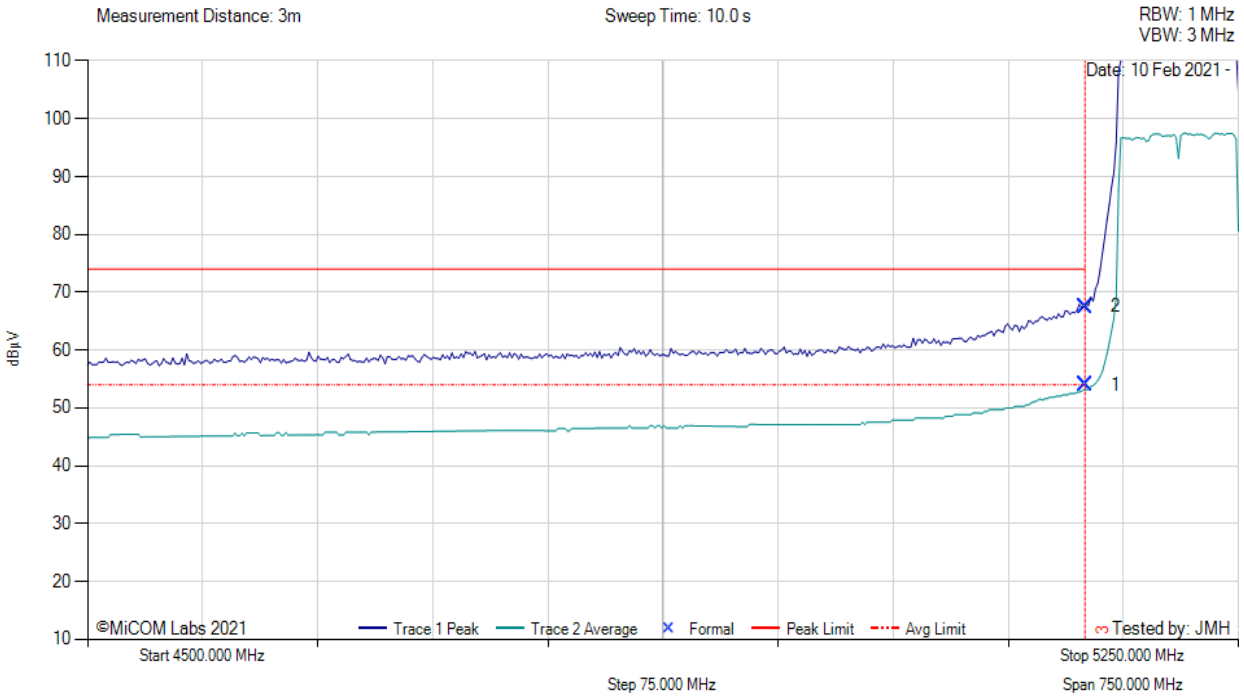
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5150.00	16.78	2.93	34.21	53.92	Max Avg	Vertical	147	1	54.0	-0.1	Pass
2	5150.00	30.13	2.93	34.21	67.27	Max Peak	Vertical	147	1	74.0	-6.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 0.4 dB DCCF added to average measurement.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 10.5, Duty Cycle (%): 75



4500.00 - 5250.00 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	5150.00	16.79	2.93	34.21	53.93	Max Avg	Vertical	147	1	54.0	-0.1	Pass
2	5150.00	30.36	2.93	34.21	67.50	Max Peak	Vertical	147	1	74.0	-6.5	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

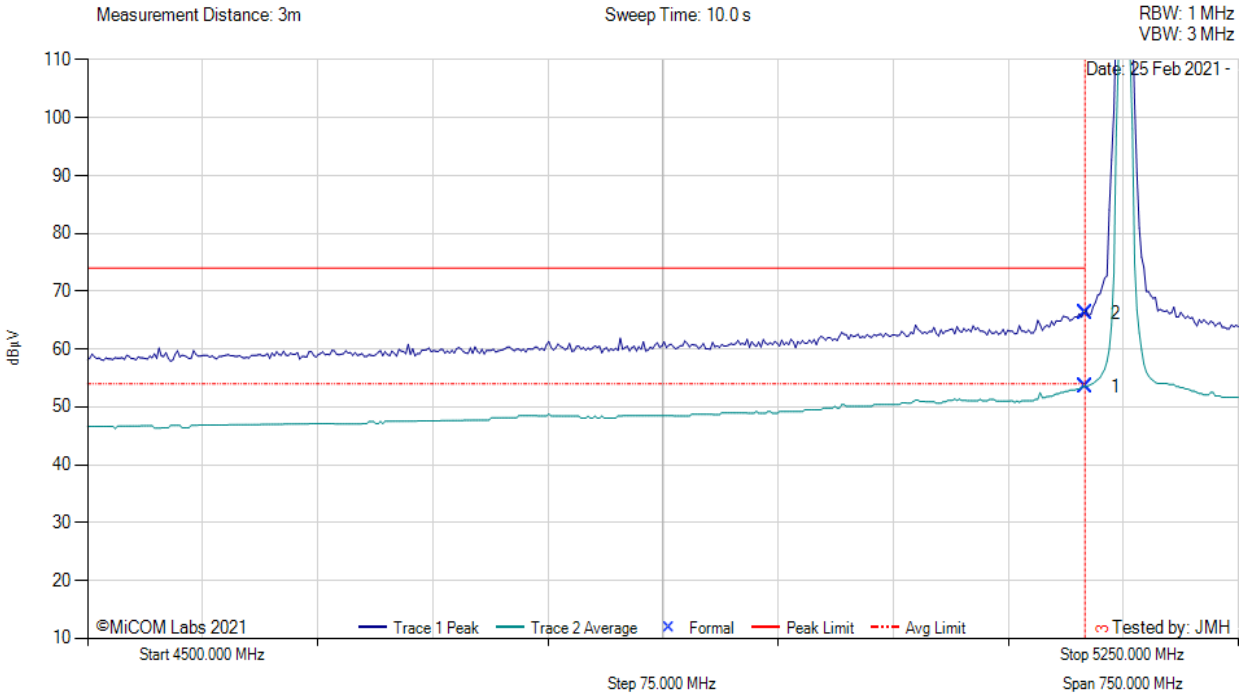
Test Notes: EUT powered by POE. 1.25 dB DCCF added to average measurement.

back to matrix

A.4.2.3 RADWIN RW-9105-4958 – Point to Point

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 15.0, Duty Cycle (%): 99



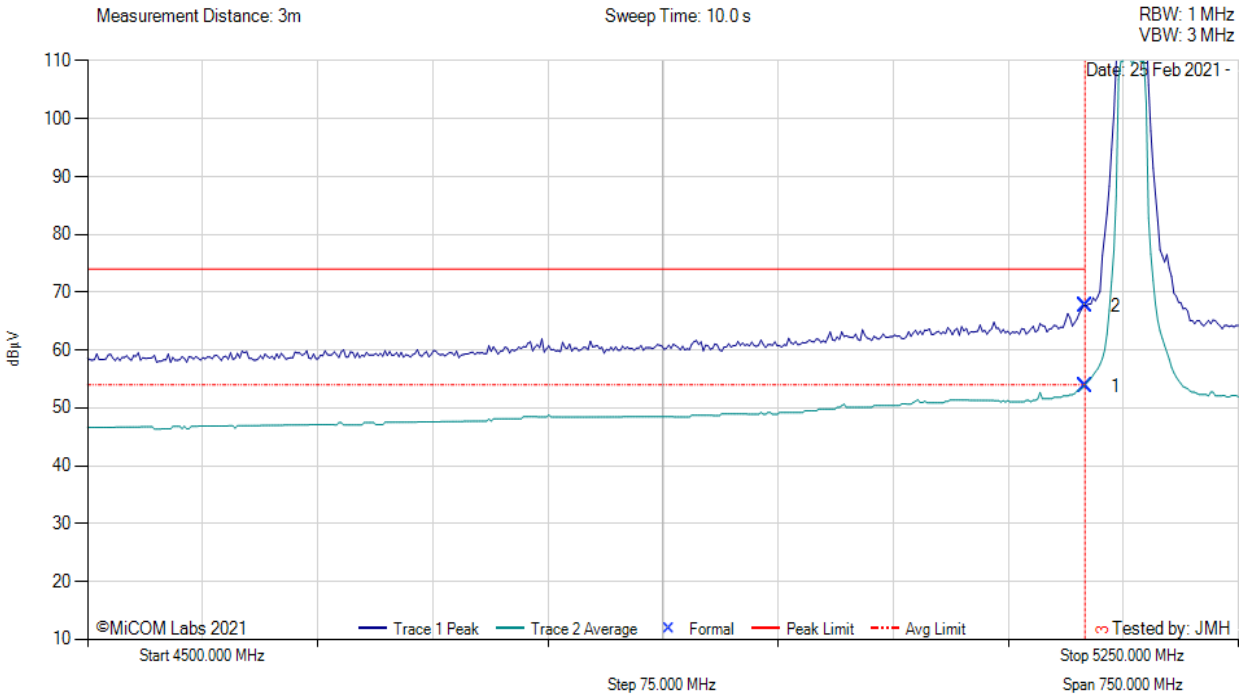
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	16.38	2.93	34.21	53.52	Max Avg	Vertical	168	0	54.0	-0.5	Pass
2	5150.00	29.14	2.93	34.21	66.28	Max Peak	Vertical	168	0	74.0	-7.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 15.0, Duty Cycle (%): 99



4500.00 - 5250.00 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	5150.00	16.57	2.93	34.21	53.71	Max Avg	Vertical	168	0	54.0	-0.3	Pass
2	5150.00	30.58	2.93	34.21	67.72	Max Peak	Vertical	168	0	74.0	-6.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

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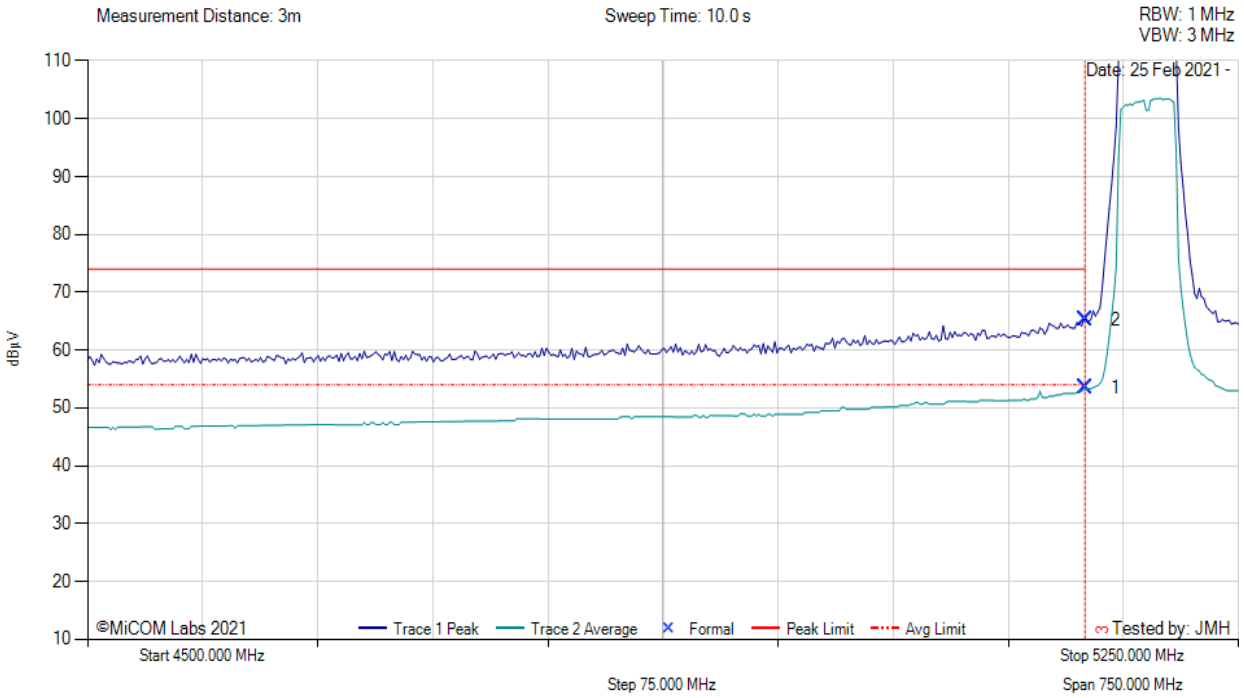
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 11.0, Duty Cycle (%): 90



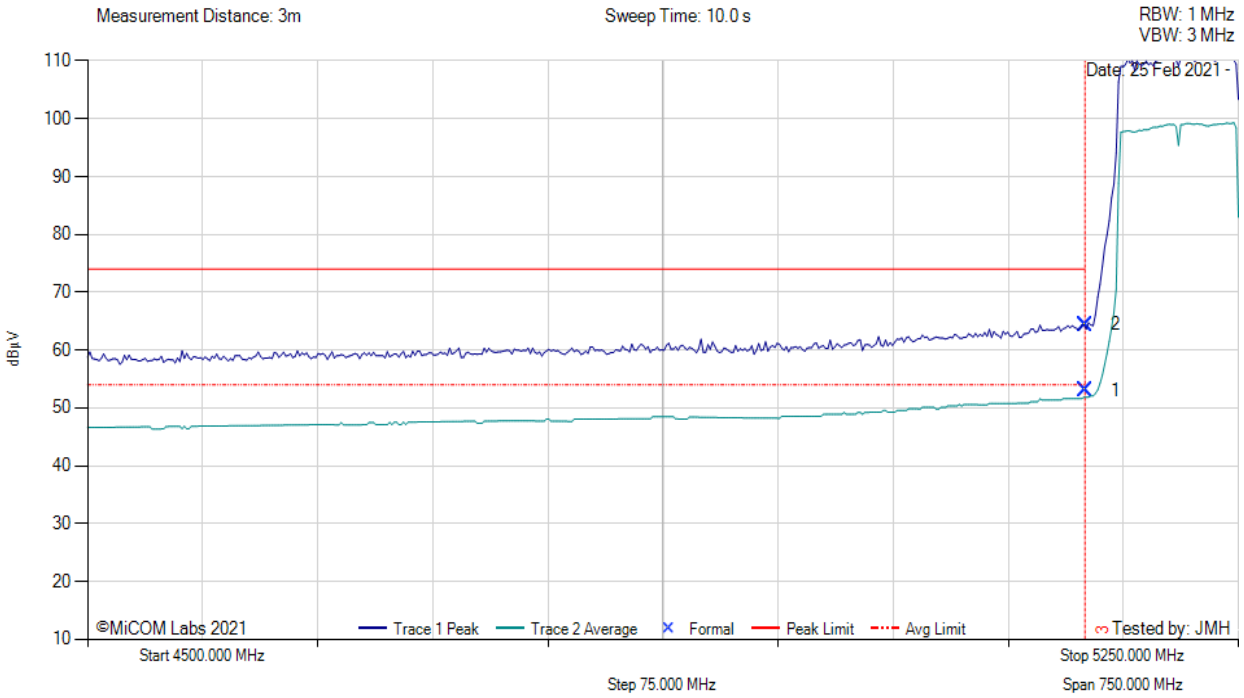
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5150.00	16.39	2.93	34.21	53.53	Max Avg	Vertical	168	0	54.0	-0.5	Pass
2	5150.00	28.18	2.93	34.21	65.32	Max Peak	Vertical	168	0	74.0	-8.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 0.4 dB DCCF added to average measurement.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-4958, Power Setting: 10.5, Duty Cycle (%): 75



4500.00 - 5250.00 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	5150.00	14.72	2.93	34.21	53.11	Max Avg	Vertical	168	0	54.0	-0.9	Pass
2	5150.00	27.26	2.93	34.21	64.40	Max Peak	Vertical	168	0	74.0	-9.6	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

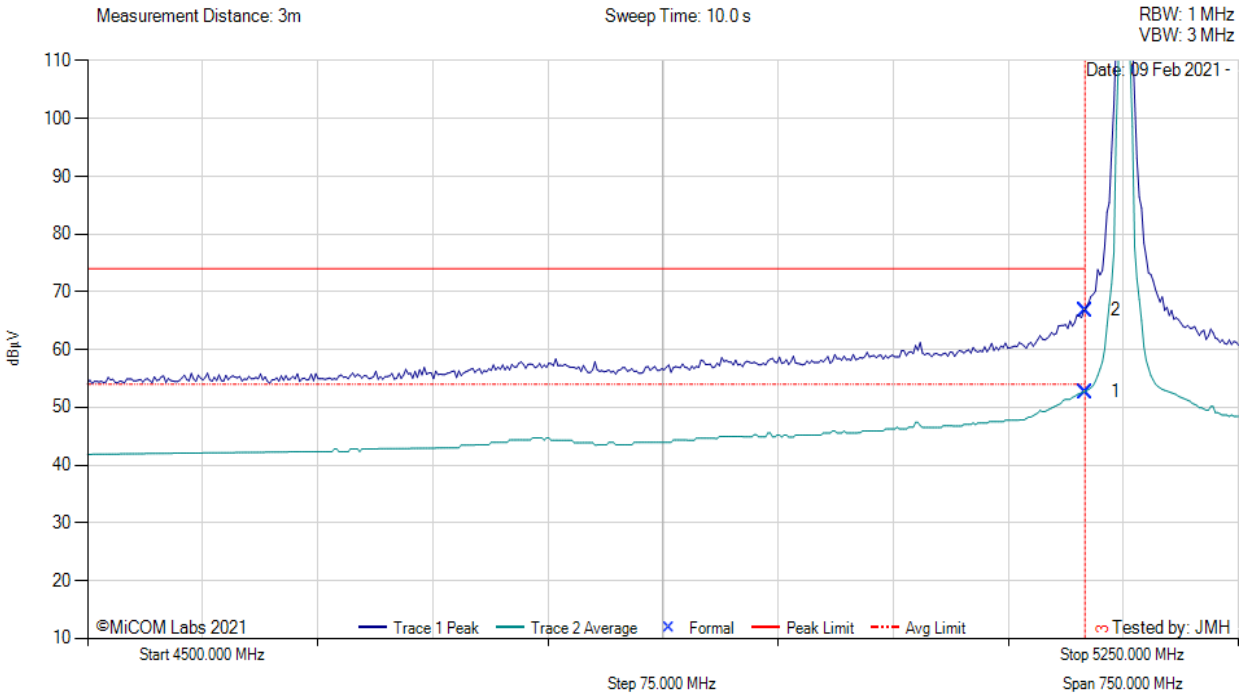
Test Notes: EUT powered by POE. 1.25 dB DCCF added to average measurement.

back to matrix

A.4.2.4 RADWIN RW-9105-5159 Point to Multi-Point

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 16.5, Duty Cycle (%): 99



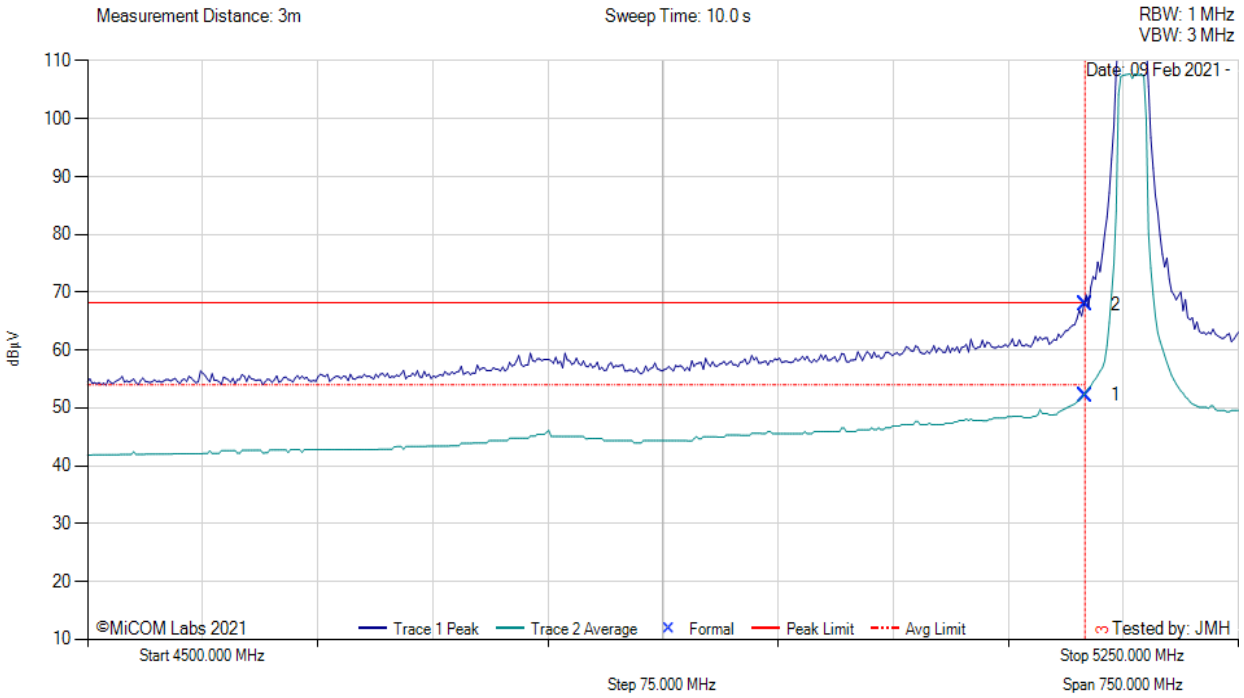
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	15.54	2.93	34.21	52.68	Max Avg	Horizontal	157	1	54.0	-1.3	Pass
2	5150.00	29.64	2.93	34.21	66.78	Max Peak	Horizontal	157	1	74.0	-7.2	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 16.5, Duty Cycle (%): 99



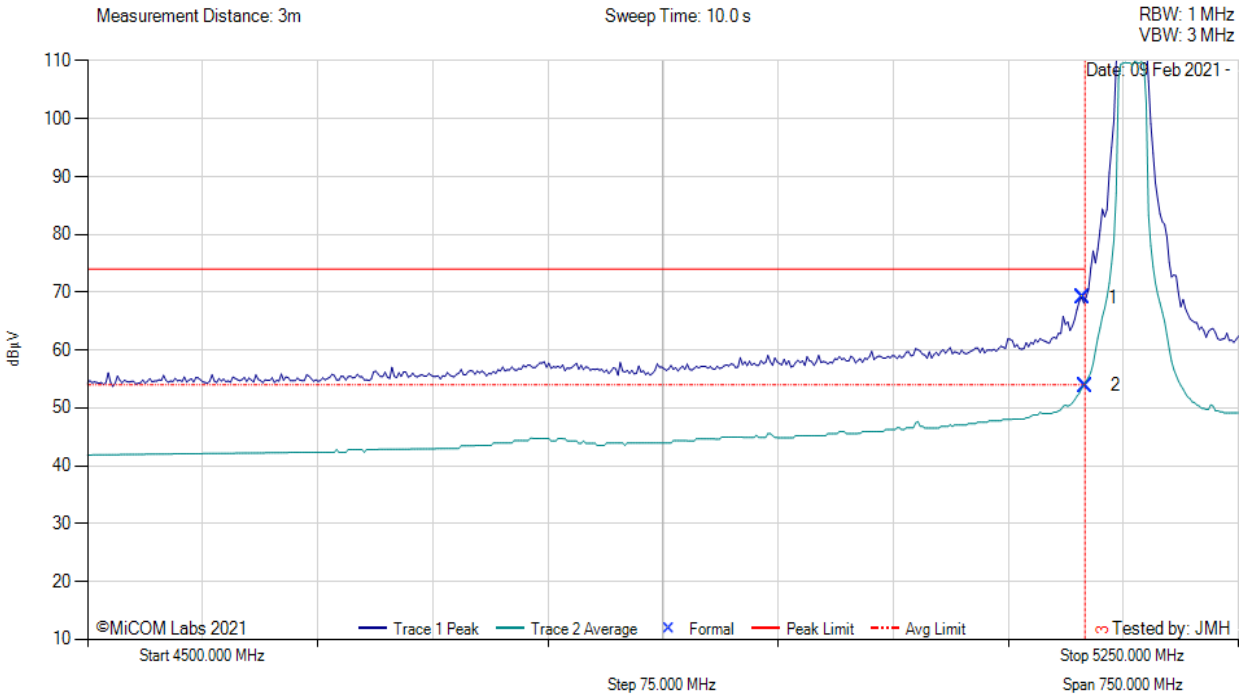
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5150.00	15.09	2.93	34.21	52.23	Max Avg	Vertical	167	1	54.0	-1.8	Pass
2	5150.00	30.68	2.93	34.21	67.82	Max Peak	Vertical	167	1	68.2	-0.4	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 17.0, Duty Cycle (%): 99



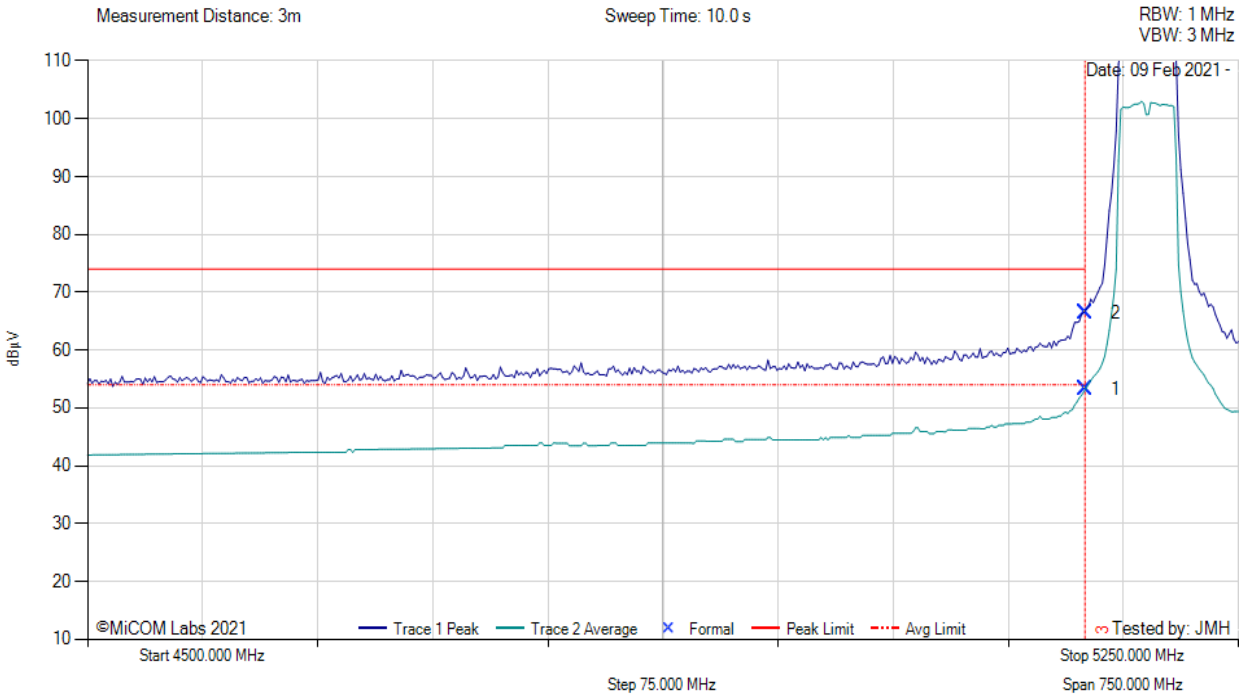
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5148.50	31.96	2.91	34.21	69.08	Max Peak	Horizontal	157	1	74.0	-4.9	Pass
2	5150.00	16.77	2.93	34.21	53.91	Max Avg	Horizontal	157	1	54.0	-0.1	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 12.0, Duty Cycle (%): 90



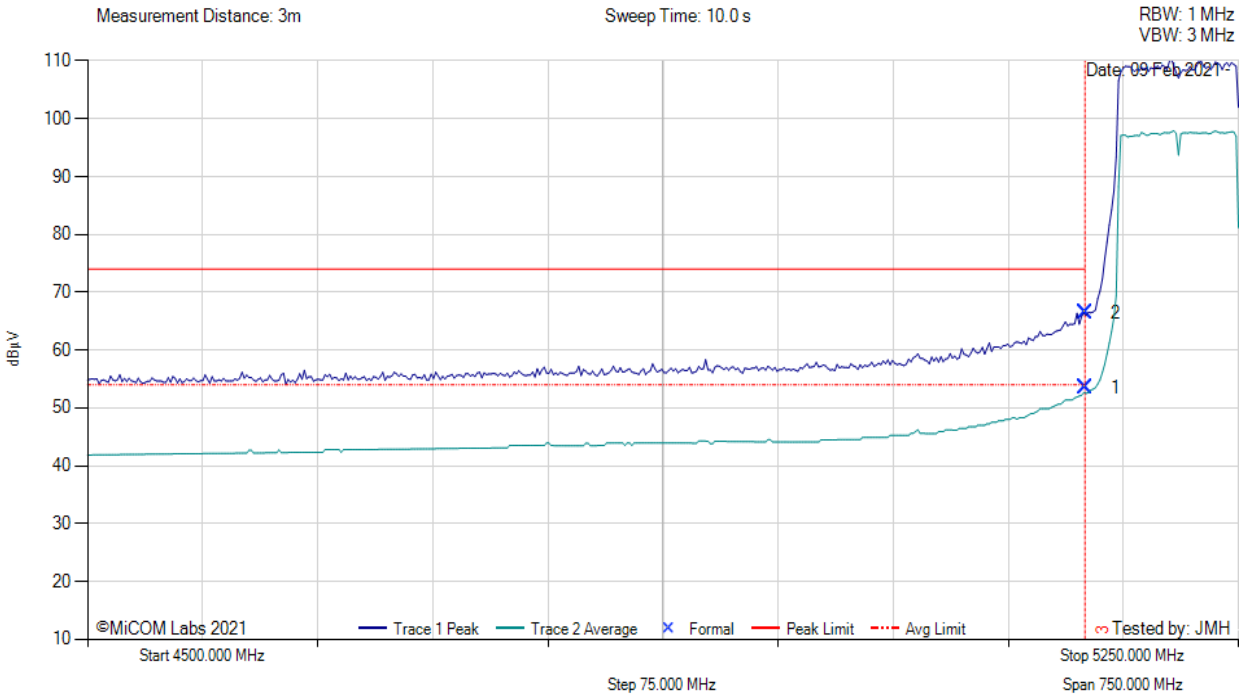
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5150.00	16.09	2.93	34.21	53.23	Max Avg	Horizontal	157	1	54.0	-0.8	Pass
2	5150.00	29.37	2.93	34.21	66.51	Max Peak	Horizontal	157	1	74.0	-1.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. Avg measurements have 0.4 dB DCCF added

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 11.0, Duty Cycle (%): 75



4500.00 - 5250.00 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	5150.00	16.74	2.93	34.21	53.48	Max Avg	Horizontal	157	1	54.0	-0.1	Pass
2	5150.00	29.25	2.93	34.21	66.39	Max Peak	Horizontal	157	1	74.0	-7.6	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

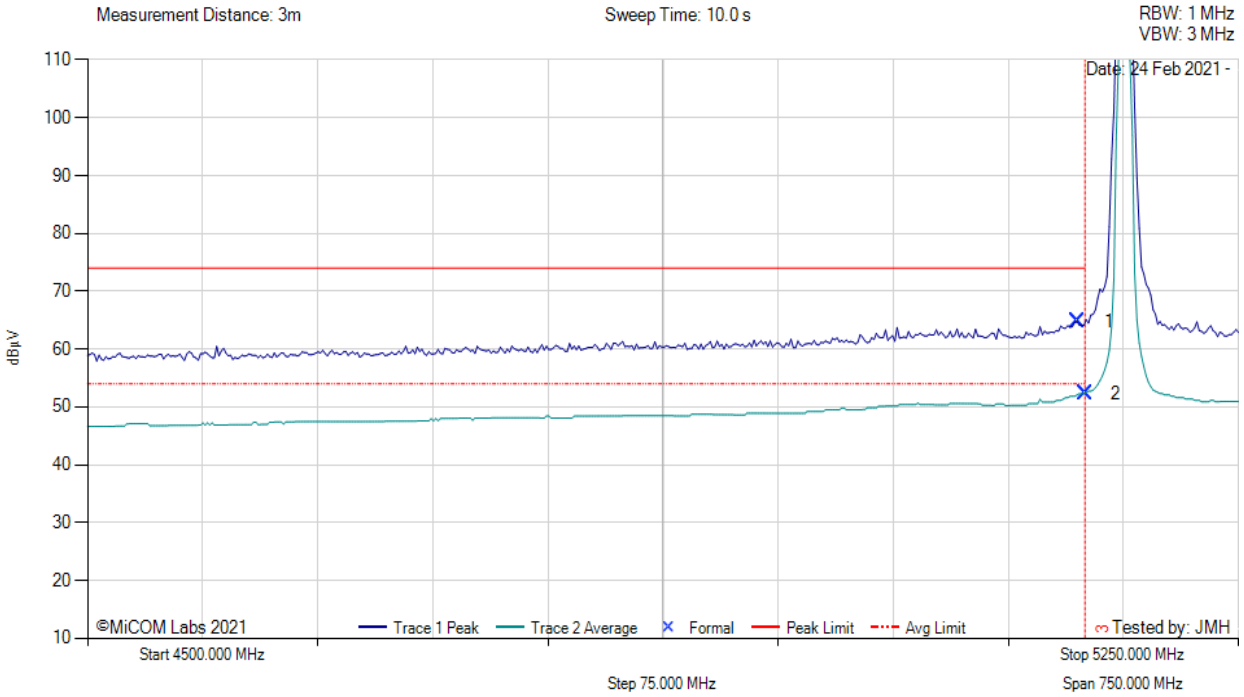
Test Notes: EUT powered by POE. Avg measurements have 1.25 dB DCCF added

back to matrix

A.4.2.5 RADWIN RW-9105-5159 Point to Point

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 16.5, Duty Cycle (%): 99



4500.00 - 5250.00 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	5145.49	27.59	2.92	34.20	64.71	Max Peak	Horizontal	112	4	74.0	-9.3	Pass
2	5150.00	15.16	2.93	34.21	52.30	Max Avg	Horizontal	112	4	54.0	-1.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

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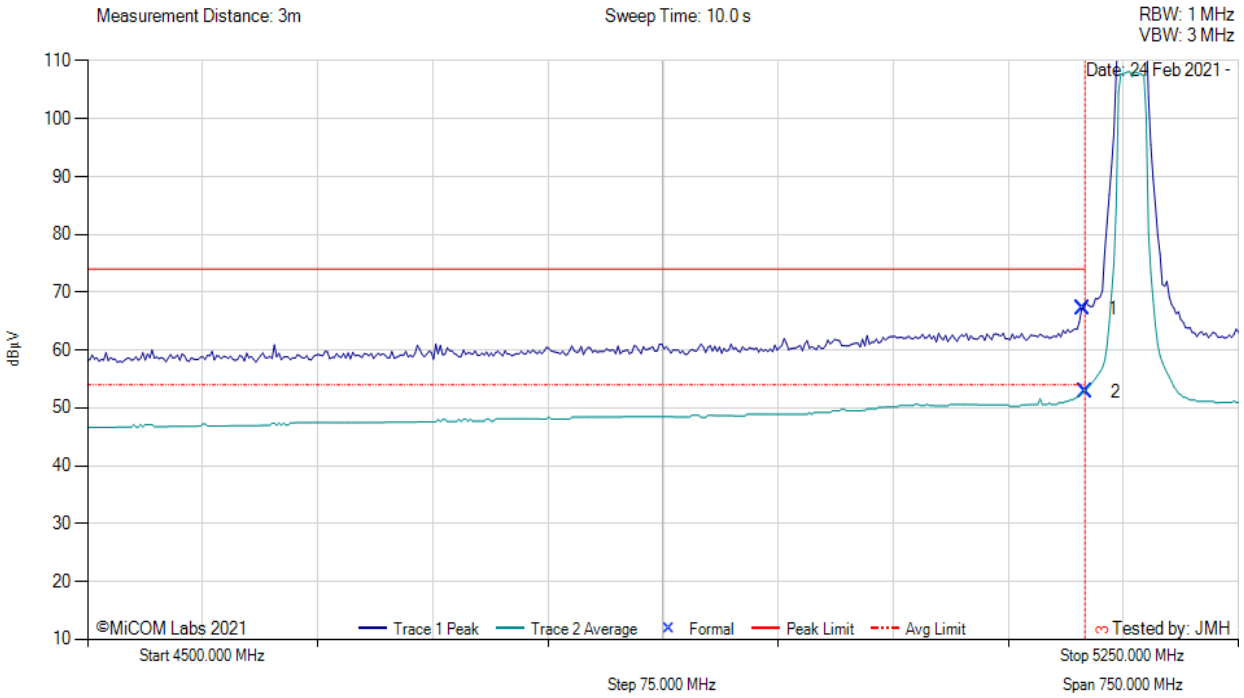
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 15.5, Duty Cycle (%): 99



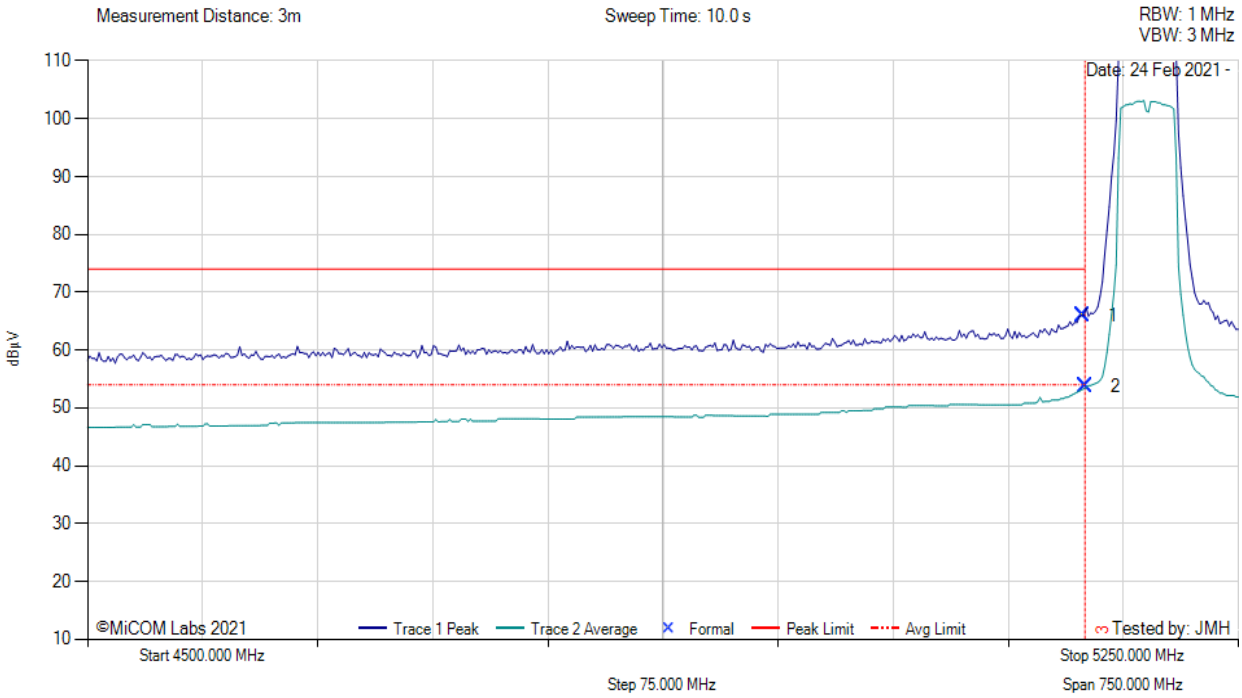
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5148.50	30.03	2.91	34.21	67.15	Max Peak	Horizontal	112	4	74.0	-6.9	Pass
2	5150.00	15.59	2.93	34.21	52.73	Max Avg	Horizontal	112	4	54.0	-1.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 12, Duty Cycle (%): 90



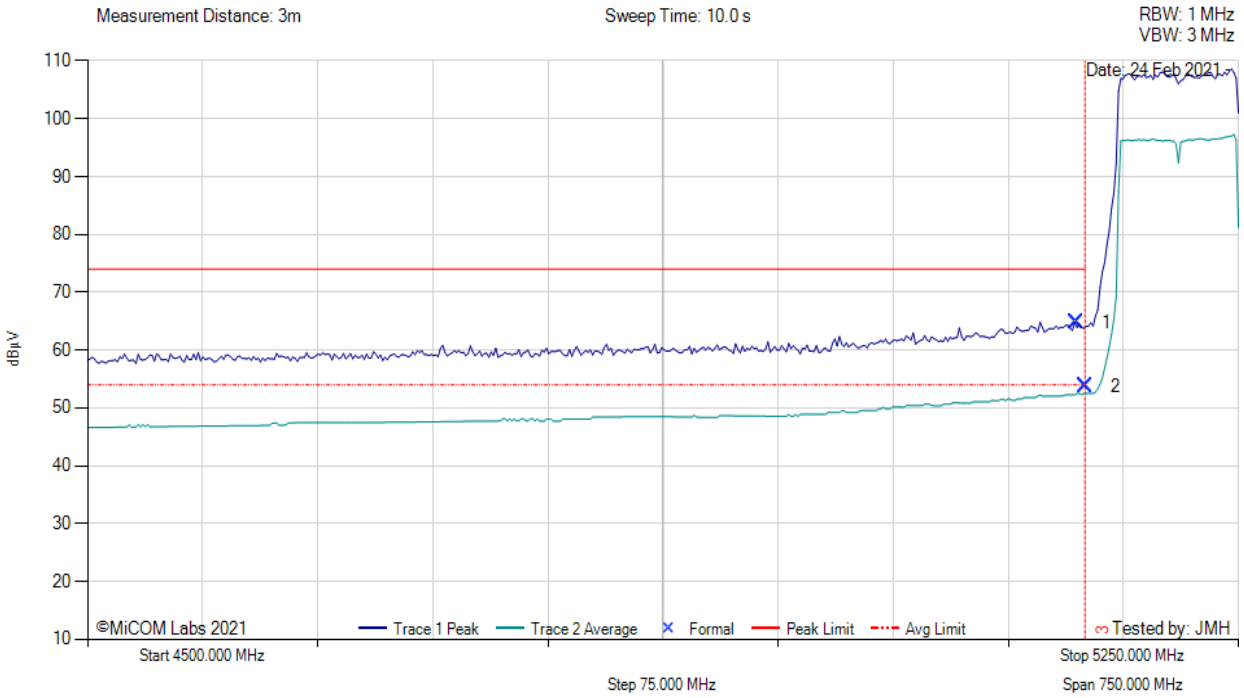
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5148.50	28.90	2.91	34.21	66.02	Max Peak	Horizontal	112	4	74.0	-8.0	Pass
2	5150.00	16.59	2.93	34.21	53.73	Max Avg	Horizontal	112	4	54.0	-0.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 0.4 dB DCCF added to average measurement

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9105-5159, Power Setting: 11.0, Duty Cycle (%): 75



4500.00 - 5250.00 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	5143.99	27.58	2.93	34.20	64.71	Max Peak	Horizontal	112	4	74.0	-9.3	Pass
2	5150.00	16.63	2.93	34.21	53.77	Max Avg	Horizontal	112	4	54.0	-0.2	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

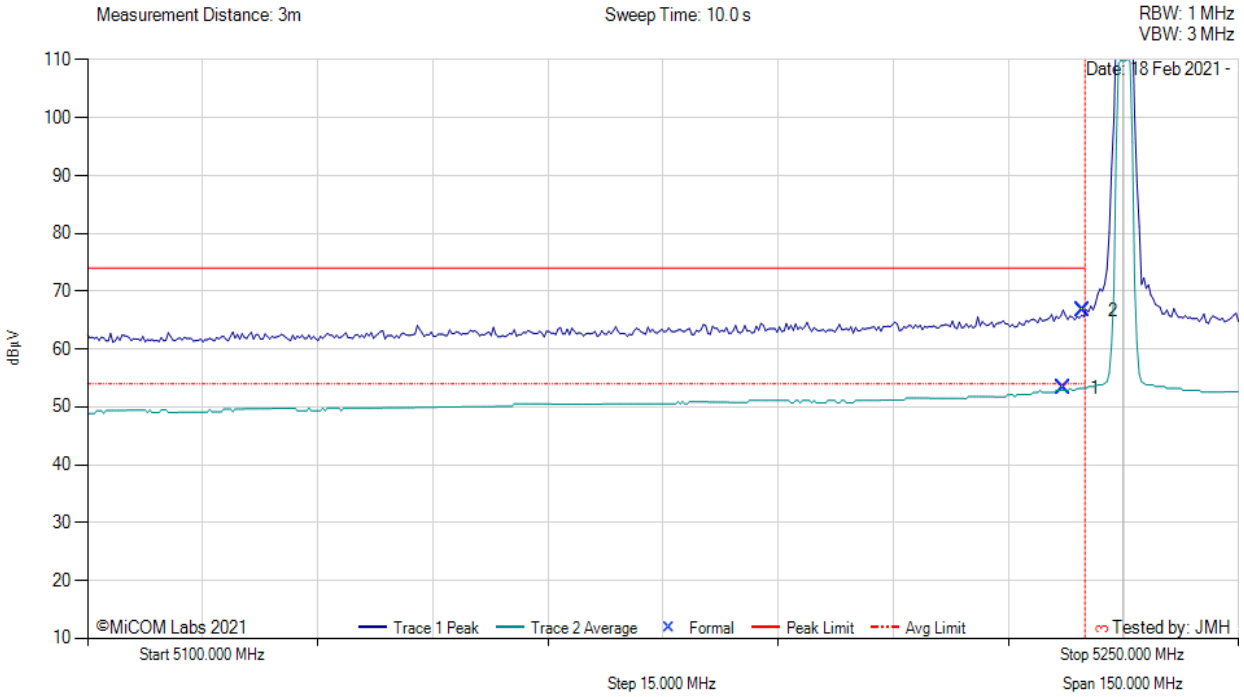
Test Notes: EUT powered by POE. 1.25 dB DCCF added to average measurement

back to matrix

A.4.2.6 RADWIN RW-9622-5001 Point to Point

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 0.5, Duty Cycle (%): 99



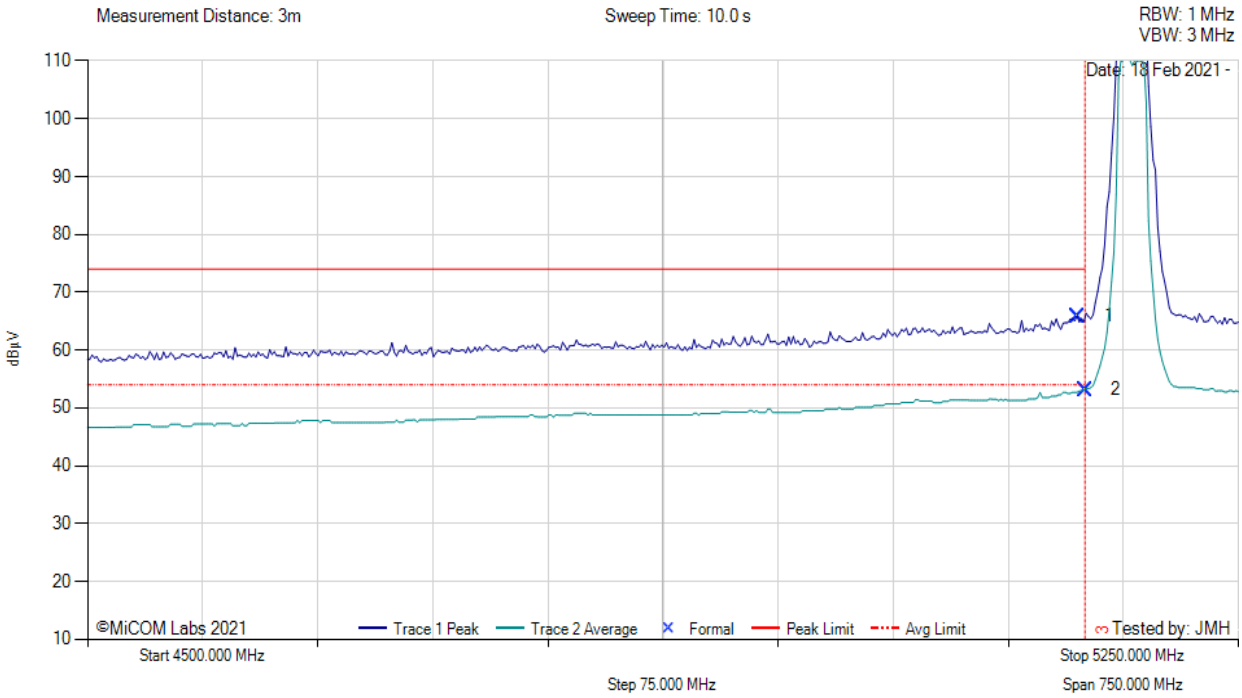
5100.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5136.17	16.10	3.00	34.19	53.29	Max Avg	Vertical	158	1	54.0	-0.7	Pass
2	5148.20	29.63	2.91	34.21	66.75	Max Peak	Vertical	158	1	74.0	-7.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 0.5, Duty Cycle (%): 99



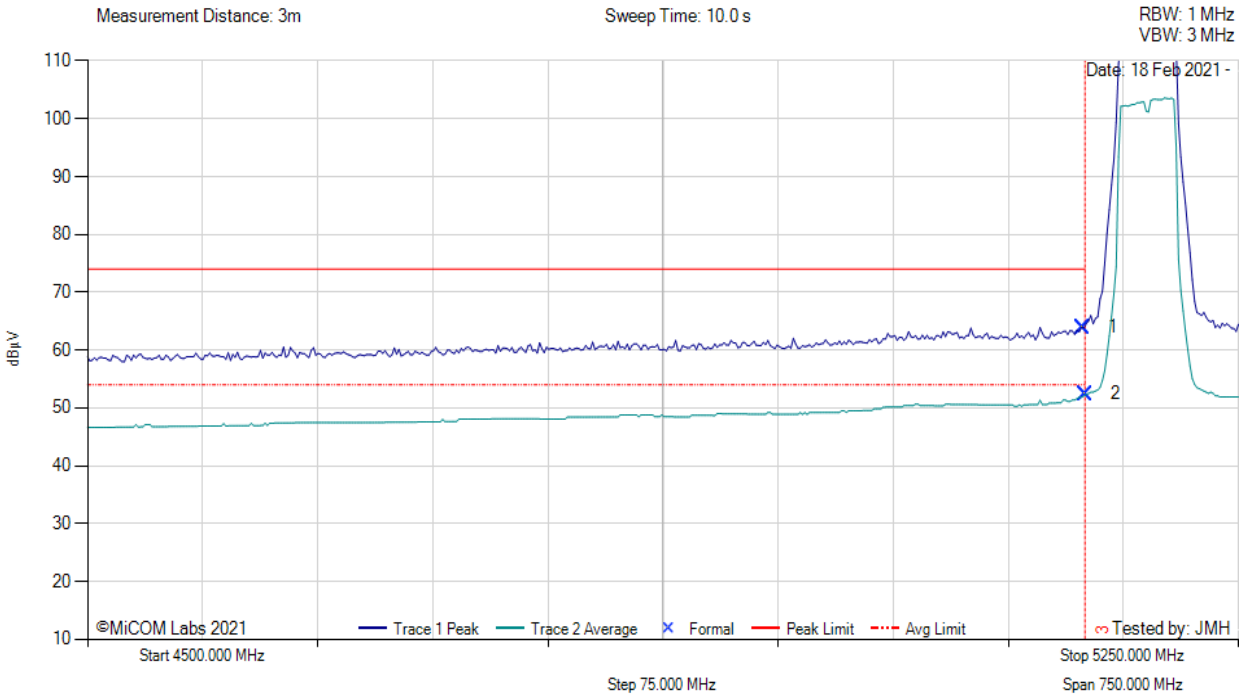
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5145.49	28.71	2.92	34.20	65.83	Max Peak	Vertical	158	1	74.0	-8.2	Pass
2	5150.00	15.99	2.93	34.21	53.13	Max Avg	Vertical	158	1	54.0	-0.9	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 0.0, Duty Cycle (%): 90



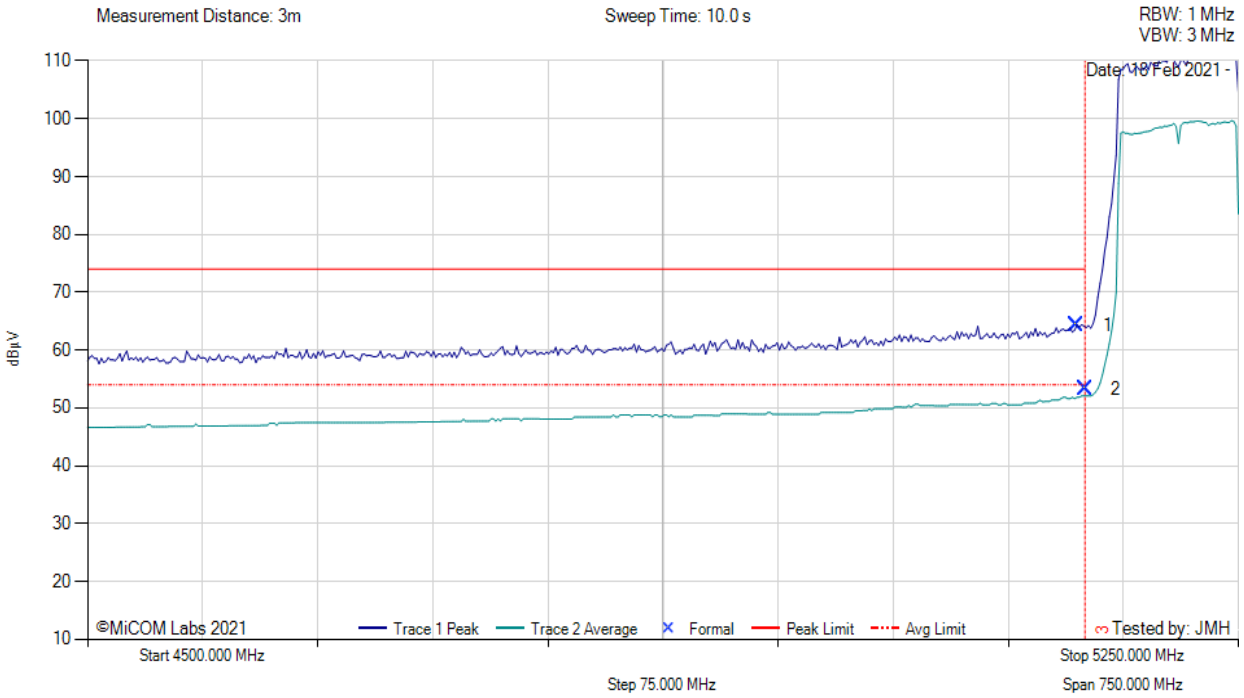
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5148.50	26.84	2.91	34.21	63.96	Max Peak	Vertical	158	1	74.0	-10.0	Pass
2	5150.00	15.34	2.93	34.21	52.48	Max Avg	Vertical	158	1	54.0	-1.5	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 0.4 dB DCCF added to average measurement.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9622-5001, Power Setting: 0.0, Duty Cycle (%): 75



4500.00 - 5250.00 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	5144.79	27.22	2.92	34.20	64.34	Max Peak	Vertical	158	1	74.0	-9.7	Pass
2	5150.00	16.29	2.93	34.21	53.33	Max Avg	Vertical	158	1	54.0	-0.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

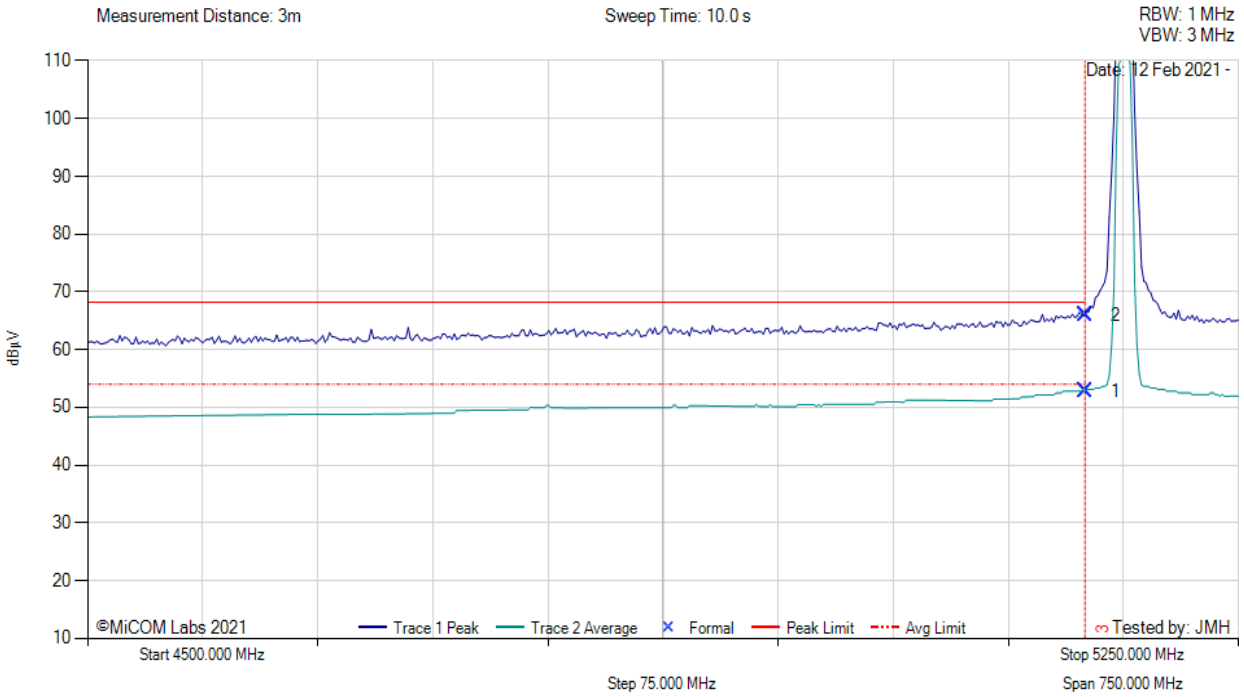
Test Notes: EUT powered by POE. 1.25 dB DCCF added to average measurement.

back to matrix

A.4.2.7 RADWIN RW-9732-4958

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 10MHz, Test Freq: 5175.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 2.5, Duty Cycle (%): 99



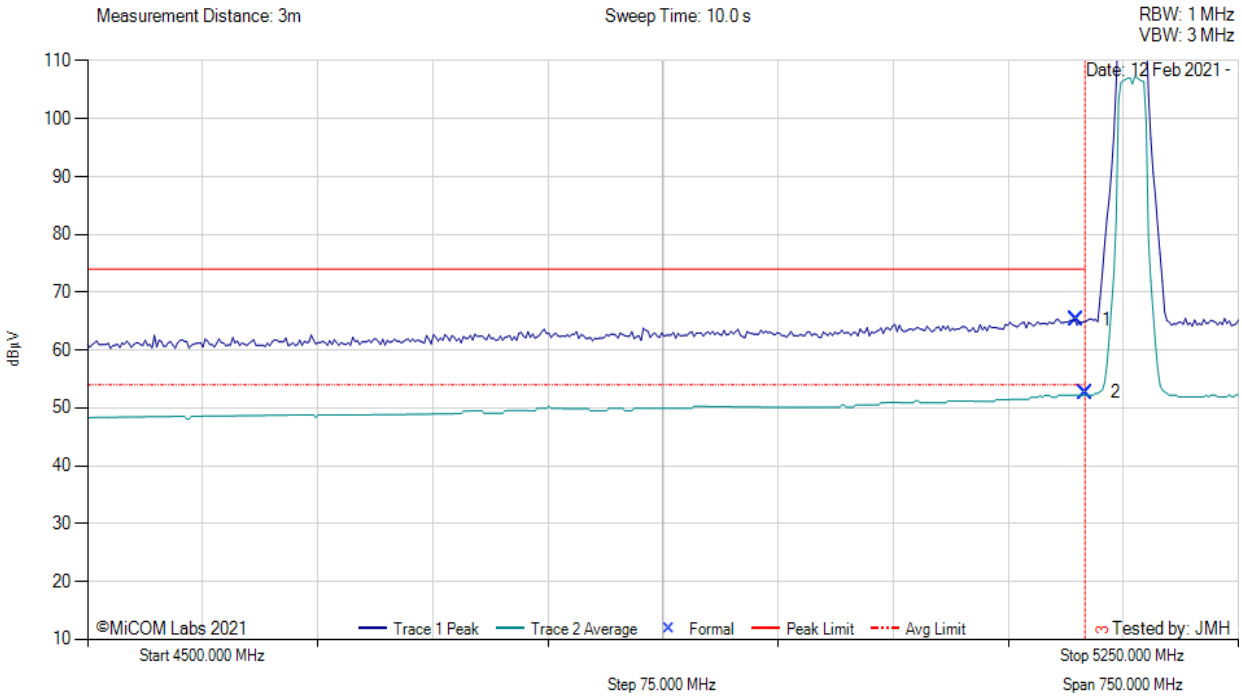
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBµV	Cable Loss dB	AF dB/m	Level dBµV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBµV/m	Margin dB	Pass /Fail
1	5150.00	15.67	2.93	34.21	52.81	Max Avg	Horizontal	139	351	54.0	-1.2	Pass
2	5150.00	28.79	2.93	34.21	65.93	Max Peak	Horizontal	139	351	68.2	-2.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 20MHz, Test Freq: 5180.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 2.5, Duty Cycle (%): 99



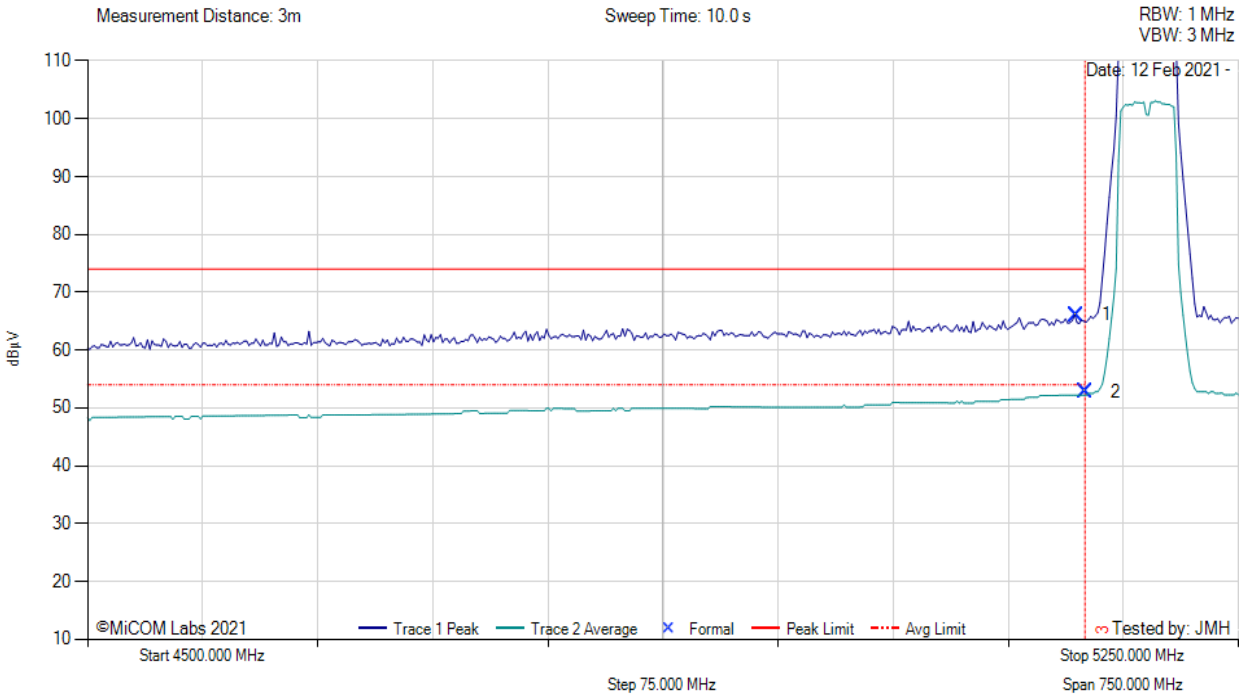
4500.00 - 5250.00 MHz												
Num	**Frequency MHz**	**Raw dBµV**	**Cable Loss dB**	**AF dB/m**	**Level dBµV/m**	**Measurement Type**	**Pol**	**Hgt cm**	**Azt Deg**	**Limit dBµV/m**	**Margin dB**	**Pass /Fail**
1	5143.99	28.13	2.93	34.20	65.26	Max Peak	Horizontal	139	351	74.0	-8.7	Pass
2	5150.00	15.57	2.93	34.21	52.71	Max Avg	Horizontal	139	351	54.0	-1.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE.

back to matrix

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 40MHz, Test Freq: 5190.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 2.5, Duty Cycle (%): 90



4500.00 - 5250.00 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	5143.99	28.99	2.93	34.20	66.12	Max Peak	Horizontal	139	351	74.0	-7.9	Pass
2	5150.00	15.67	2.93	34.21	52.81	Max Avg	Horizontal	139	351	54.0	-1.2	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 0.4 dB DCCF added to average measurement.

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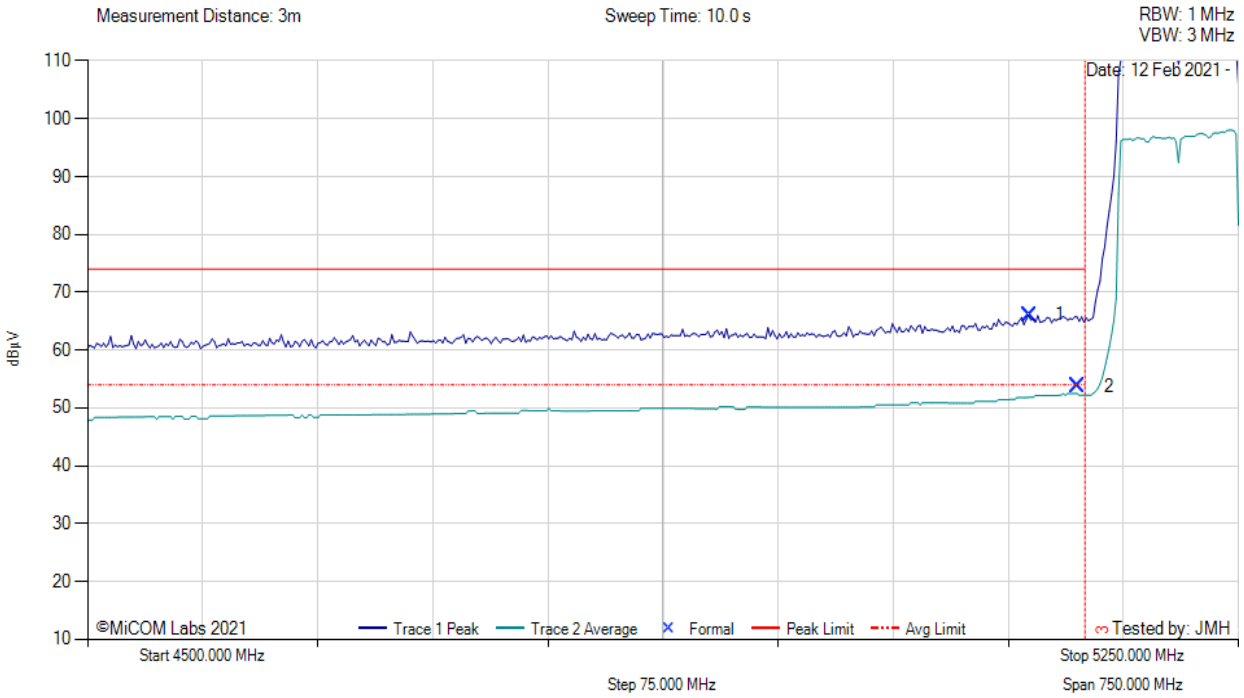
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 80MHz, Test Freq: 5210.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 2.0, Duty Cycle (%): 75



4500.00 - 5250.00 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	5113.93	28.98	2.94	34.14	66.06	Max Peak	Horizontal	139	351	74.0	-7.9	Pass
2	5145.49	16.54	2.92	34.20	53.76	Max Avg	Horizontal	139	351	54.0	-0.2	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by POE. 1.25 dB DCCF added to average measurement.

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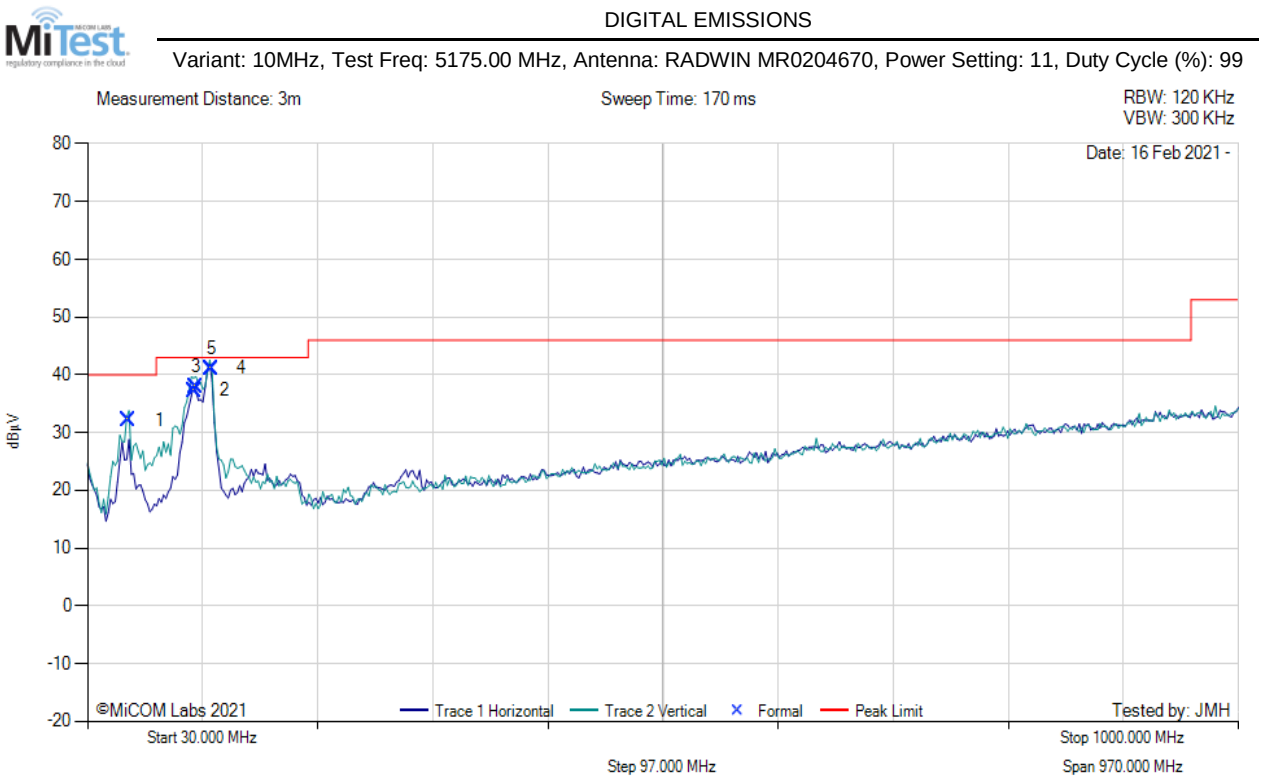
A.4.3 Digital Emissions



30.00 - 1000.00 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	64.76	49.10	3.84	-20.75	32.19	MaxQP	Vertical	104	303	40.0	-7.8	Pass
2	119.71	47.83	4.16	-14.67	37.32	MaxQP	Vertical	101	112	43.0	-5.7	Pass
3	121.12	48.36	4.17	-14.68	37.85	MaxQP	Vertical	98	115	43.0	-5.2	Pass
4	134.05	51.80	4.23	-14.92	41.11	MaxQP	Vertical	99	118	43.0	-1.9	Pass
5	134.36	51.77	4.23	-14.92	41.08	MaxQP	Vertical	102	108	43.0	-1.9	Pass

Test Notes: AP0263540 with 22 dBi antenna in plastic enclosure.

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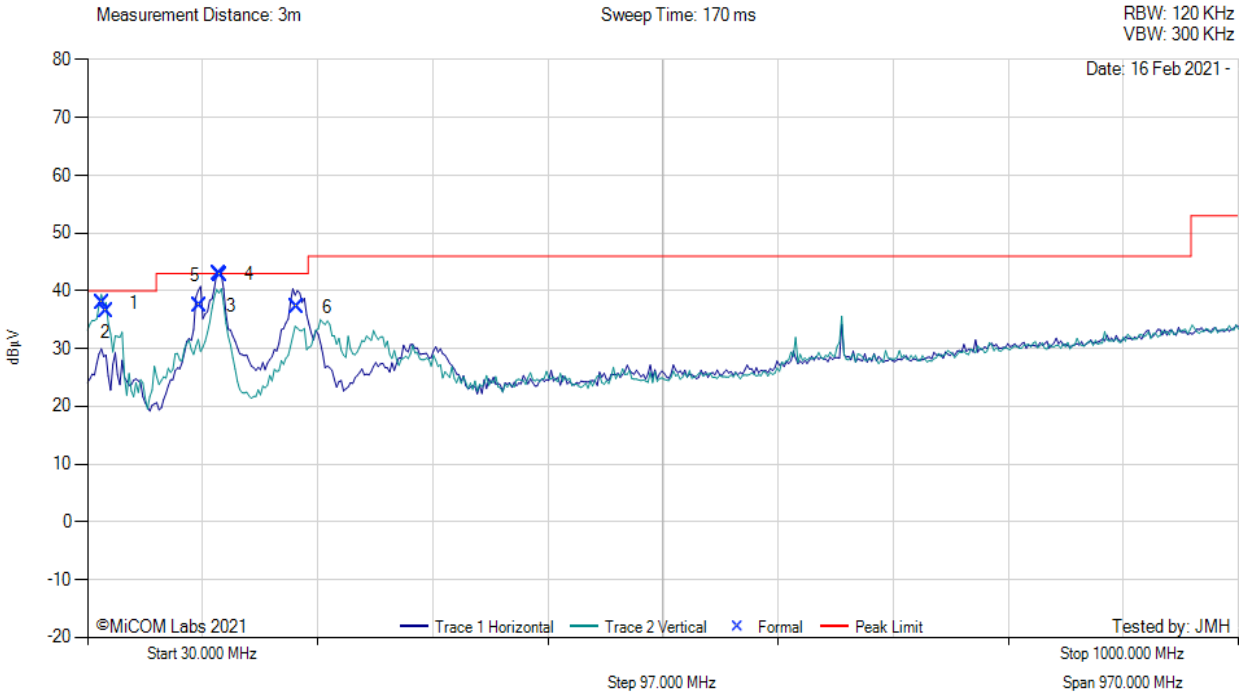
DIGITAL EMISSIONS

Variant: 10MHz, Test Freq: 5730.00 MHz, Antenna: RADWIN RW-9732-4958, Power Setting: 8.0, Duty Cycle (%): 99



30.00 - 1000.00 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	43.07	51.66	3.67	-17.38	37.95	MaxQP	Vertical	104	48	40.0	-2.1	Pass
2	45.53	51.38	3.68	-18.57	36.49	MaxQP	Vertical	102	27	40.0	-3.5	Pass
3	125.01	47.75	4.19	-14.55	37.39	MaxQP	Horizontal	134	17	43.0	-5.6	Pass
4	140.37	54.03	4.26	-15.40	42.89	MaxQP	Horizontal	147	131	43.0	-0.1	Pass
5	141.83	47.78	4.27	-15.40	42.65	MaxQP	Horizontal	189	144	43.0	-0.4	Pass
6	206.19	49.79	4.55	-17.17	37.17	MaxQP	Horizontal	100	213	43.0	-5.8	Pass

Test Notes: EUT powered by POE.

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