ADDENDUM - CONDUCTED

Test of: Sonos Inc S23

To: FCC CFR 47 Part 15 Subpart E 15.407

Test Report Serial No.: TUVR116-U6_Conducted Rev B

Generated Reports	Document Number
Master:	☐TUVR116-U6_Master
Conducted:	☒ TUVR116-U6_Conducted_Addendum
Radiated:	☐ TUVR116-U6_Radiated_Addendum
DFS:	☐ TUVR116-U6_DFS_Addendum

Date: 17th July 2019

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1. TEST SUMMARY

List of Measurements

Test Header	Result	Data Link
Maximum Conducted Output Power	Complies	View Data
26 dB & 99% Bandwidth	Complies	View Data
6 dB & 99% Bandwidth	Complies	View Data
Power Spectral Density	Complies	View Data
Frequency Stability	*Complies	--

*Frequency Stability – Manufacturer Declaration

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2. TEST RESULTS

2.1. Maximum Conducted Output Power

Conducted Test Conditions for Maximum Conducted Output Power			
Standard:	FCC CFR 47:15.407	**Ambient Temp. (ºC):**	24.0 - 27.5
Test Heading:	Maximum Conducted Output Power	**Rel. Humidity (%):**	32 - 45
Standard Section(s):	15.407 (a)(1), (2), (3)	**Pressure (mBars):**	999 - 1001
Reference Document(s):	See Normative References		

Test Procedure for Maximum Conducted Output Power Measurement
In the case of average power measurements an average power sensor was utilized using connected to each antenna port. Power measurements on all ports were measured simultaneously. As the Duty Cycle was constant a correction factor was used to correct the reading, see TUVR116-U6_Master Section 8.2 Control of Test Item and 8.3 Operational Mode Duty Cycle.

All operational modes and frequency bands were measured independently and the resultant calculated. Where the device operated with multiple antenna ports i.e. MIMO device, each port was measured and reported separately. A summation (Σ) of each antenna port output power is provided which includes any offset due to Duty Cycle Correction Factor (DCCF). Testing was performed under ambient conditions at nominal voltage.

Test configuration and setup used for the measurement was per the Conducted Test Set-up section specified in this document.
Supporting Information
Calculated Power = A + G + Y+ 10 log (1/x) dBm

A = Total Power [10*Log10 ($10^{a/10}$ + $10^{b/10}$ + $10^{c/10}$ + $10^{d/10}$)]
G = Antenna Gain
Y = Beamforming Gain
x = Duty Cycle (average power measurements only)

Limits Maximum Conducted Output Power

Operating Frequency Band 5150-5250 MHz

15. 407 (a)(1)
(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall

not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Operating Frequency Band 5250-5350 and 5470 – 5725 MHz

15. 407 (a)(2)
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Operating Frequency Band 5725 – 5850 MHz

15. 407 (a)(3)
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain(s) (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	*EIRP Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5180.0	8.18	8.59	8.55	9.25	22.01	Not Applicable	22.40	-0.37	14.50
5200.0	8.06	8.50	8.56	8.95	21.90	Not Applicable	22.40	-0.49	14.50
5240.0	8.55	8.42	8.58	9.58	22.13	Not Applicable	22.40	-0.26	14.50

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-01 MEASURING RF OUTPUT POWER
Measurement Uncertainty:	±1.33 dB

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5150 – 5250 MHz frequency band (Custom A1)
Chain a = 3.3 dBi
Chain b = 4.6 dBi
Chain c = 3.0 dBi
Chain d = 2.2 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 24 – (7.6 – 6)) = 22.40 dBm/EIRP

EIRP Limit 22.40 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	EIRP Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5180.0	7.92	8.50	8.48	9.10	22.23	Not Applicable	22.40	-0.17	14.50
5200.0	7.84	8.36	8.39	8.86	22.09	Not Applicable	22.40	-0.31	14.50
5240.0	8.36	8.33	8.38	9.10	22.47	Not Applicable	22.40	-0.04	14.50

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-01 MEASURING RF OUTPUT POWER
Measurement Uncertainty:	±1.33 dB

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5150 – 5250 MHz frequency band (Custom A1)
Chain a = 3.3 dBi
Chain b = 4.6 dBi
Chain c = 3.0 dBi
Chain d = 2.2 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 24 – (7.6 – 6)) = 22.40 dBm/EIRP

EIRP Limit 22.40 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5260.0	9.55	10.06	9.80	9.88	22.89	24.369	22.90	-0.01	15.50
5300.0	9.79	9.58	9.57	10.1	22.76	23.327	22.90	-0.14	15.00
5320.0	9.95	9.55	9.34	10.13	22.73	24.850	22.90	-0.17	15.00

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5250 – 5350 MHz frequency band (Custom A2)
Chain a = 2.2 dBi
Chain b = 4.4 dBi
Chain c = 3.3 dBi
Chain d = 1.5 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 24 – (7.1 – 6)) = 22.90 dBm/EIRP

EIRP Limit 22.90 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5260.0	8.92	9.49	9.05	9.17	22.58	22.685	22.90	-0.32	15.00
5300.0	9.40	9.41	9.25	9.83	22.82	25.812	22.90	-0.08	15.00
5320.0	9.60	9.46	9.13	9.87	22.85	26.934	22.90	-0.05	15.00

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5250 – 5350 MHz frequency band (Custom A2)
Chain a = 2.2 dBi
Chain b = 4.4 dBi
Chain c = 3.3 dBi
Chain d = 1.5 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 24 – (7.1 – 6)) = 22.90 dBm/EIRP

EIRP Limit 22.90 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5500.0	9.49	10.26	9.58	9.76	22.88	21.082	22.90	-0.02	15.50
5580.0	9.84	9.59	9.18	10.42	22.74	22.766	22.90	-0.16	15.50
5700.0	9.86	9.85	9.43	10.19	22.84	23.407	22.90	-0.06	16.00

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5470 – 5725 MHz frequency band (Custom A3)
Chain a = 2.2 dBi
Chain b = 4.4 dBi
Chain c = 3.3 dBi
Chain d = 1.5 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 24 – (7.1 – 6)) = 22.90 dBm/EIRP

EIRP Limit 22.90 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5500.0	9.6	10.84	9.84	10.09	23.58	21.563	22.90	-0.32	15.00
5580.0	10.46	10.42	9.96	11.21	23.84	20.842	22.90	-0.06	15.50
5700.0	10.05	10.29	9.72	10.73	23.55	20.361	22.90	-0.35	15.50

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5470 – 5725 MHz frequency band (Custom A3)
Chain a = 2.2 dBi
Chain b = 4.4 dBi
Chain c = 3.3 dBi
Chain d = 1.5 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 24 – (7.1 – 6)) = 22.90 dBm/EIRP

EIRP Limit 22.90 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	EIRP Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5745.0	11.61	12.10	11.42	12.23	23.87	Not Applicable	29.44	-5.57	18.00
5785.0	11.79	12.19	11.42	11.90	23.88	Not Applicable	29.44	-5.56	18.00
5825.0	11.68	11.96	11.38	12.07	23.80	Not Applicable	29.44	-5.64	18.00

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-01 MEASURING RF OUTPUT POWER
Measurement Uncertainty:	±1.33 dB

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5725 – 5850 MHz frequency band (Custom A4)
Chain a = 1.7 dBi
Chain b = 2.5 dBi
Chain c = 2.9 dBi
Chain d = 0.6 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 30 – (6.56 – 6)) = 29.44 dBm/EIRP

EIRP Limit 29.44 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

Equipment Configuration for Maximum Conducted Output Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	See below
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 26 dB Bandwidth	EIRP Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5745.0	11.23	11.95	11.26	12.03	23.99	Not Applicable	29.44	-5.45	18.00
5785.0	11.34	11.97	11.13	11.70	23.92	Not Applicable	29.44	-5.52	18.00
5825.0	11.34	11.80	11.17	11.72	23.89	Not Applicable	29.44	-5.55	18.00

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-01 MEASURING RF OUTPUT POWER
Measurement Uncertainty:	±1.33 dB

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Antenna Gains for the 5725 – 5850 MHz frequency band (Custom A4)
Chain a = 1.7 dBi
Chain b = 2.5 dBi
Chain c = 2.9 dBi
Chain d = 0.6 dBi

Manufacturer declared correlation with antenna chains a, c, d. As the antenna gains are unequal KDB 662911 DO1 was used to calculate the EIRP limit.

EIRP Limit Calculation
Based on FCC KDB 662911 Multiple Transmitter Output Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the EIRP Power Limit is calculated to be 30 – (6.56 – 6)) = 29.44 dBm/EIRP

EIRP Limit 29.44 dBm

Above recorded powers incorporate any reduction in power levels brought about as a result of radiated spurious emissions and radiated band-edge testing.

2.2. 26 dB & 99% Bandwidth

Conducted Test Conditions for 26 dB and 99% Bandwidth			
Standard:	FCC CFR 47:15.407	**Ambient Temp. (ºC):**	24.0 - 27.5
Test Heading:	26 dB and 99 % Bandwidth	**Rel. Humidity (%):**	32 - 45
Standard Section(s):	15.407 (a)	**Pressure (mBars):**	999 - 1001
Reference Document(s):	See Normative References		

Test Procedure for 26 dB and 99% Bandwidth Measurement
The bandwidth at 26 dB and 99 % is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency. The Resolution Bandwidth was set to approximately 1% of the emission bandwidth.
Testing was performed under ambient conditions at nominal voltage. Where the device operated with multiple antenna ports i.e. MIMO device, each port was measured and reported.

Test configuration and setup used for the measurement was per the Conducted Test Set-up section specified in this document.

Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	2.20
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 26 dB Bandwidth (MHz) Port(s)				26 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	20.281	19.960	19.880	20.441	20.441	19.880		
5200.0	20.281	19.880	19.800	19.800	20.281	19.800		
5240.0	20.361	19.880	19.880	19.960	20.361	19.880		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	16.834	16.673	16.673	16.673	16.834	16.673		
5200.0	16.754	16.593	16.673	16.673	16.754	16.593		
5240.0	16.914	16.673	16.593	16.673	16.914	16.593		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	2.20
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 26 dB Bandwidth (MHz) Port(s)				26 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	20.441	20.120	20.361	20.441	20.441	20.120		
5200.0	20.361	20.281	20.281	20.441	20.441	20.281		
5240.0	20.441	20.200	20.200	20.441	20.441	20.200		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	17.796	17.715	17.796	17.796	17.796	17.715		
5200.0	17.715	17.715	17.796	17.796	17.796	17.715		
5240.0	17.715	17.715	17.796	17.796	17.796	17.715		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	1.50
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 26 dB Bandwidth (MHz) Port(s)				26 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	24.369	26.533	25.571	25.651	26.533	24.369		
5300.0	25.090	23.407	23.327	25.731	25.731	23.327		
5320.0	32.305	27.735	24.850	27.896	32.305	24.850		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	16.914	16.754	16.754	16.834	16.914	16.754		
5300.0	16.834	16.754	16.754	16.834	16.834	16.754		
5320.0	16.994	16.914	16.834	16.914	16.994	16.834		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	1.50
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 26 dB Bandwidth (MHz) Port(s)				26 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	22.766	22.685	22.926	27.094	27.094	22.685		
5300.0	26.774	28.136	25.812	28.537	28.537	25.812		
5320.0	27.415	28.938	26.934	30.220	30.220	26.934		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	17.876	17.876	17.876	17.956	17.956	17.876		
5300.0	17.876	17.956	17.876	17.956	17.956	17.876		
5320.0	18.036	17.956	17.956	18.036	18.036	17.956		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	1.50
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 26 dB Bandwidth (MHz) Port(s)				26 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	30.621	29.259	22.605	21.082	30.621	21.082		
5580.0	32.545	29.098	24.770	22.766	32.545	22.766		
5700.0	31.503	24.529	24.048	23.407	31.503	23.407		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	17.234	17.074	16.673	16.754	17.234	16.673		
5580.0	17.395	16.914	16.754	16.834	17.395	16.754		
5700.0	17.154	16.754	16.673	16.754	17.154	16.673		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	1.50
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 26 dB Bandwidth (MHz) Port(s)				26 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	29.980	32.625	21.563	22.926	32.625	21.563		
5580.0	31.743	28.297	20.842	26.693	31.743	20.842		
5700.0	30.301	27.976	20.361	22.525	30.301	20.361		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	18.196	18.116	17.876	17.876	18.196	17.876		
5580.0	18.277	17.956	17.876	17.876	18.277	17.876		
5700.0	18.116	17.876	17.796	17.876	18.116	17.796		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

2.3. 6 dB & 99% Bandwidth

Conducted Test Conditions for 6 dB and 99% Bandwidth			
Standard:	FCC CFR 47:15.407	**Ambient Temp. (ºC):**	24.0 - 27.5
Test Heading:	6 dB and 99 % Bandwidth	**Rel. Humidity (%):**	32 - 45
Standard Section(s):	15.407 (a)	**Pressure (mBars):**	999 - 1001
Reference Document(s):	See Normative References		

Test Procedure for 6 dB and 99% Bandwidth Measurement
The bandwidth at 6 dB and 99 % is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency. The Resolution Bandwidth was set to 100 kHz.
Testing was performed under ambient conditions at nominal voltage. Where the device operated with multiple antenna ports i.e. MIMO device, each port was measured and reported.

Test configuration and setup used for the measurement was per the Conducted Test Set-up section specified in this document.

Equipment Configuration for 6 dB & 99% Bandwidth			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	0.60
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 6 dB Bandwidth (MHz) Port(s)				6 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	15.952	15.711	16.353	16.353	16.353	15.711		
5785.0	16.353	15.792	15.952	15.711	16.353	15.711		
5825.0	15.952	15.792	16.353	15.792	16.353	15.792		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	16.593	16.593	16.513	16.513	16.593	16.513		
5785.0	16.593	16.593	16.513	16.593	16.593	16.513		
5825.0	16.593	16.513	16.513	16.754	16.754	16.513		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for 6 dB & 99% Bandwidth			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	0.60
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured 6 dB Bandwidth (MHz) Port(s)				6 dB Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	17.154	16.994	16.914	17.635	17.635	16.914		
5785.0	17.154	16.914	16.914	16.994	17.154	16.914		
5825.0	17.154	16.914	17.475	16.994	17.475	16.914		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	17.796	17.796	17.715	17.796	17.796	17.715		
5785.0	17.796	17.796	17.715	17.796	17.796	17.715		
5825.0	17.796	17.796	17.715	17.876	17.876	17.715		

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

Note: click the links in the above matrix to view the graphical image (plot).

2.4. Power Spectral Density

Conducted Test Conditions for Power Spectral Density			
Standard:	FCC CFR 47:15.407	**Ambient Temp. (ºC):**	24.0 - 27.5
Test Heading:	Power Spectral Density	**Rel. Humidity (%):**	32 - 45
Standard Section(s):	15.407 (a)	**Pressure (mBars):**	999 - 1001
Reference Document(s):	See Normative References		

Test Procedure for Power Spectral Density
The in-band power spectral density was measured using the test technique specified in KDB 789033. A 1 MHz measurement bandwidth was implemented for the analyzer sweep. Once the sweep is complete the analyzer trace data is downloaded and used for post processing purposes.
Where the device operated with multiple antenna ports i.e. MIMO device, each port was measured separately. The Peak Power Spectral Density is the highest level found across the emission bandwidth. With multiple antenna port measurements the numerical analyzer data from each port is summed (å) and a link to this additional graphic is provided.

Test configuration and setup used for the measurement was per the Conducted Test Set-up section specified in this document.

Measure and sum the spectra across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The individual spectra are then summed mathematically in linear power units. Unlike in-band power measurements, in which the sum involves a single measured value (output power) from each output, measurements for compliance with PSD limits involve summing entire spectra across corresponding frequency bins on the various outputs. Consistency is maintained for any device with multiple transmitter outputs to be certain the individual outputs are all aligned with the same span and same number of points. In this instance, the linear power spectrum value within the first spectral bin of output 0 is summed with that in the first spectral bin of output 1, and the first spectral bin of output 2, and so on up to the Nth output to obtain the true value for the first frequency bin of the summed spectrum. The summed spectrum value for each frequency bin is computed in this fashion. These summed spectral values were post processed and the resulting numerical and graphical data presented.

NOTE: It may be observed that spectrum in some plots break the limit line however this in itself does NOT constitute a failure. In all cases a spectrum summation plot is provided in order to prove compliance. A failure occurs only after the summation of all spectrum plots have been summed and are found to be greater than the limit line.

Supporting Information
Calculated Power = A + 10 log (1/x) dBm
A = Total Power Spectral Density [10*Log10 ($10^{a/10}$ + $10^{b/10}$ + $10^{c/10}$ + $10^{d/10}$)]
x = Duty Cycle

Limits Power Spectral Density

Operating Frequency Band 5150-5250 MHz

15. 407 (a)(1)
(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any

corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Operating Frequency Band 5250-5350 and 5470 – 5725 MHz

15. 407 (a)(2)
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Operating Frequency Band 5725 – 5850 MHz

15. 407 (a)(3)
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

NOTE: Power settings for Power Spectral Density measurements were the settings provided in Section 2.1 Maximum Conducted Output Power in all cases

Equipment Configuration for Power Spectral Density			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	Custom A1
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results							
Test Frequency	**Measured Power Spectral Density Port(s) (dBm/MHz)**				**Summation Peak Marker + DCCF (+4.01 dB)**	**Limit**	**Margin**
MHz	**a**	**b**	**c**	**d**	**dBm/MHz**	**dBm/MHz**	**dB**
5180.0	-3.359	-2.828	-2.303	-2.468	7.169	9.38	-2.21
5200.0	-3.298	-3.022	-2.361	-2.614	7.164	9.38	-2.21
5240.0	-2.828	-2.873	-2.072	-2.030	7.545	9.38	-1.84

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Summation Peak Marker to give the true Power Density

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section F) 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 11 – (7.62-6) = 9.38 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	Custom A1
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/MHz)				EIRP: Summation Peak Marker + DCCF (+4.36 dB)	EIRP Limit	Margin
MHz	**a**	**b**	**c**	**d**	**dBm/MHz**	**dBm/MHz**	**dB**
5180.0	-3.852	-3.212	-2.922	-3.079	9.09	9.38	-0.29
5200.0	-3.961	-3.395	-3.072	-3.099	9.06	9.38	-0.32
5240.0	-3.955	-3.754	-3.205	-3.000	9.04	9.38	-0.34

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 11 – (7.62-6) = 9.38 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	Custom A2
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/MHz)				Summation Peak Marker + DCCF (+2.92 dB)	Limit	Margin
MHz	**a**	**b**	**c**	**d**	**dBm/MHz**	**dBm/MHz**	**dB**
5260.0	0.158	0.291	0.858	0.453	9.296	9.86	-0.56
5300.0	0.577	0.432	0.896	1.036	9.576	9.86	-0.28
5320.0	0.550	0.524	0.420	1.167	9.609	9.86	-0.25

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Summation Peak Marker to give the true Power Density

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 11 – (7.14-6) = 9.86 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	Custom A2
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/MHz)				Summation Peak Marker + DCCF (+3.28 dB)	Limit	Margin
MHz	a	b	c	d	dBm/MHz	dBm/MHz	dB
5260.0	-0.452	-0.020	0.067	-0.745	9.033	9.86	-0.83
5300.0	0.077	-0.116	0.208	-0.733	9.299	9.86	-0.56
5320.0	-0.050	0.021	0.110	0.454	9.225	9.86	-0.64

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 11 – (7.14-6) = 9.86 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	Custom A3
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/MHz)				Summation Peak Marker + DCCF (+2.92 dB)	Limit	Margin
MHz	**a**	**b**	**c**	**d**	**dBm/MHz**	**dBm/MHz**	**dB**
5500.0	-0.401	0.663	0.580	0.148	9.147	9.86	-0.71
5580.0	-0.113	0.151	0.260	0.899	9.232	9.86	-0.63
5700.0	-0.274	-0.142	-0.276	-0.026	8.754	9.86	-1.11

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Summation Peak Marker to give the true Power Density

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 11 – (7.14-6) = 9.86 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	Custom A3
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/MHz)				Summation Peak Marker + DCCF (+3.28 dB)	Limit	Margin
MHz	a	b	c	d	dBm/MHz	dBm/MHz	dB
5500.0	-1.011	0.199	0.101	-0.448	8.857	9.86	-1.00
5580.0	-0.549	-0.488	-0.265	0.209	8.902	9.86	-0.96
5700.0	-0.749	-0.500	-0.647	-0.457	8.621	9.86	-1.24

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 11 – (7.14-6) = 9.86 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11a	**Duty Cycle (%):**	51.1
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	Custom A4
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/500 KHz)				Summation Peak Marker + DCCF (+2.92 dB)	Limit	Margin
MHz	**a**	**b**	**c**	**d**	**dBm/500 KHz**	**dBm/500 KHz**	**dB**
5745.0	-3.718	-3.023	-3.482	-3.154	5.501	29.44	-23.94
5785.0	-3.690	-3.036	-3.620	-2.920	5.538	29.44	-23.94
5825.0	-3.974	-3.455	-3.634	-3.023	5.306	29.44	-24.14

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 2.91 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.01 dB

A Total Correction Factor of 4.01 dB was added to the Summation Peak Marker to give the true Power Density

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 30 – (6.56-6) = 29.44 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

Equipment Configuration for Power Spectral Density			
Variant:	802.11n HT-20	**Duty Cycle (%):**	47.3
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	Custom A4
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Power Spectral Density Port(s) (dBm/500 KHz)				Summation Peak Marker + DCCF (+3.28 dB)	Limit	Margin
MHz	a	b	c	d	dBm/500 KHz	dBm/500 KHz	dB
5745.0	-4.344	-3.683	-4.040	-3.781	5.232	29.44	-24.24
5785.0	-4.025	-3.676	-4.047	-3.683	4.933	29.44	-24.54
5825.0	-4.382	-4.025	-4.120	-3.455	5.062	29.44	-24.44

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

DCCF - Duty Cycle Correction Factor + Cable Loss

Duty Cycle Correction Factor: 3.25 dB
Average Additional Cable Loss: 1.11 dB
Total Correction: 4.36 dB

A Total Correction Factor of 4.36 dB was added to the Calculated Total Power Σ Port(s) to give the true output power

Based on FCC KDB 662911 Emissions Testing of Transmitters with Multiple Outputs in the Same Band Section 2) d) (i) Unequal antenna gains, with equal transmit powers, for antenna gains given by G1, G2, …, GN dBi the PSD directional gain limit calculation

Correlated limit = 30 – (6.56-6) = 29.44 dBm/MHz

Note: click the links in the above matrix to view the graphical image (plot).

2.5. Frequency Stability

Test Procedure
The manufacturer of the equipment is responsible for ensuring that the frequency stability is such that emissions are always maintained within the band of operation under all conditions.

Manufacturer Declaration
The frequency stability of the reference oscillator sets the frequency stability of the RF transceiver signals. Therefore, all RF signals should have better than ±20ppm stability.
This stability accounts for room temperature tolerance of the crystal oscillator circuit, frequency variation across temperature, and crystal ageing.

±20ppm at 5.250 GHz translates to a maximum frequency shift of ±105 KHz. As the channel band-edge is at least 1 MHz from either of the band edges, ±105 KHz is more than sufficient to guarantee that the intentional emission will remain in the band over the entire operating range of the EUT.

Specification

Limits

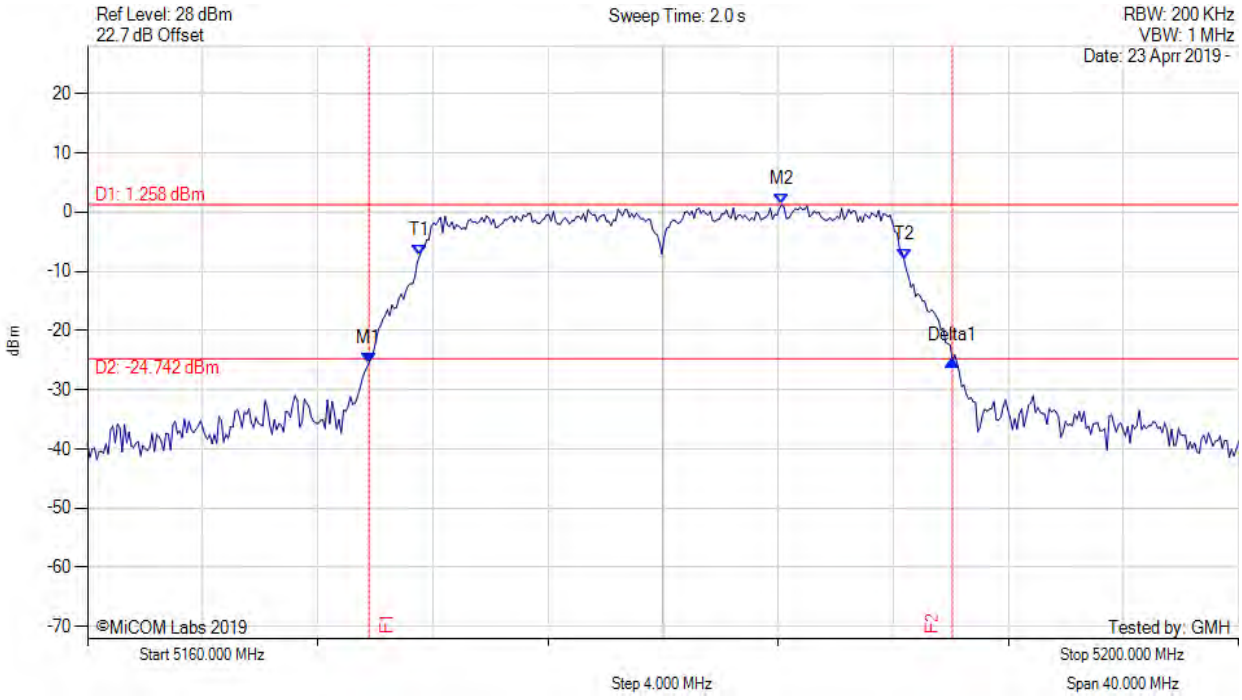
§15.407 (g) Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

A. APPENDIX - GRAPHICAL IMAGES

A.1. 26 dB & 99% Bandwidth

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5180.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

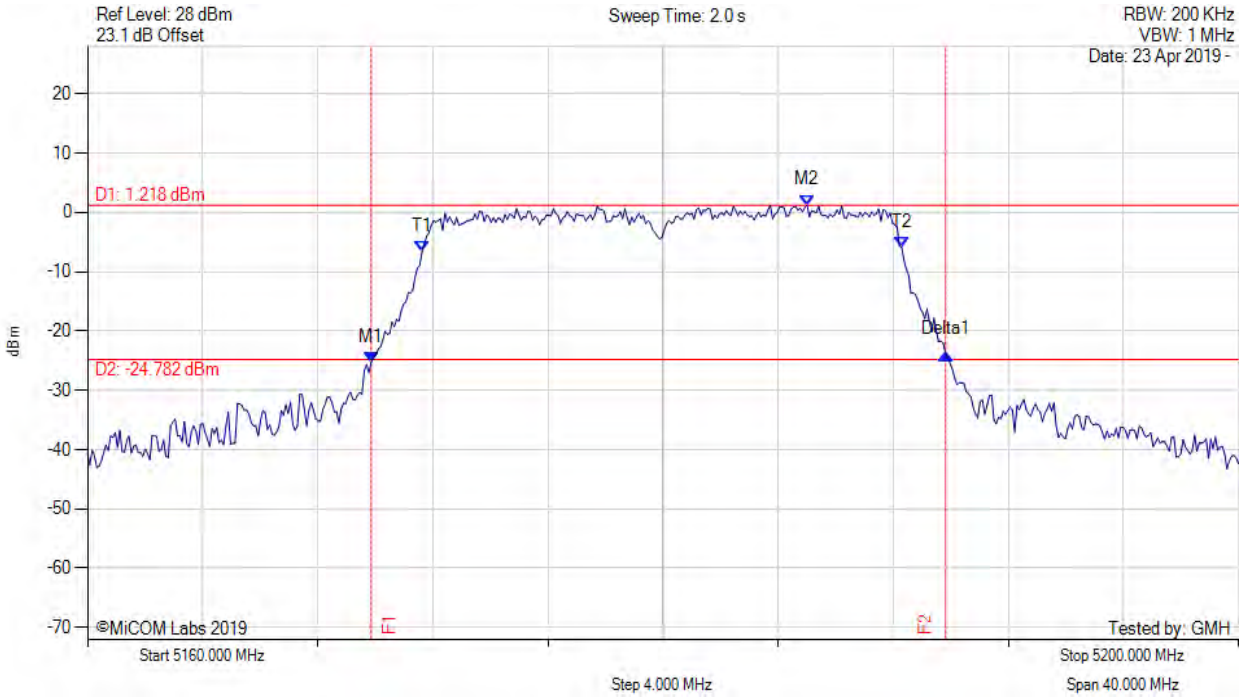


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.780 MHz : -25.502 dBm M2 : 5184.128 MHz : 1.258 dBm Delta1 : 20.281 MHz : 0.433 dB T1 : 5171.543 MHz : -7.420 dBm T2 : 5188.377 MHz : -7.922 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 20.281 MHz Measured 99% Bandwidth: 16.834 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5180.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

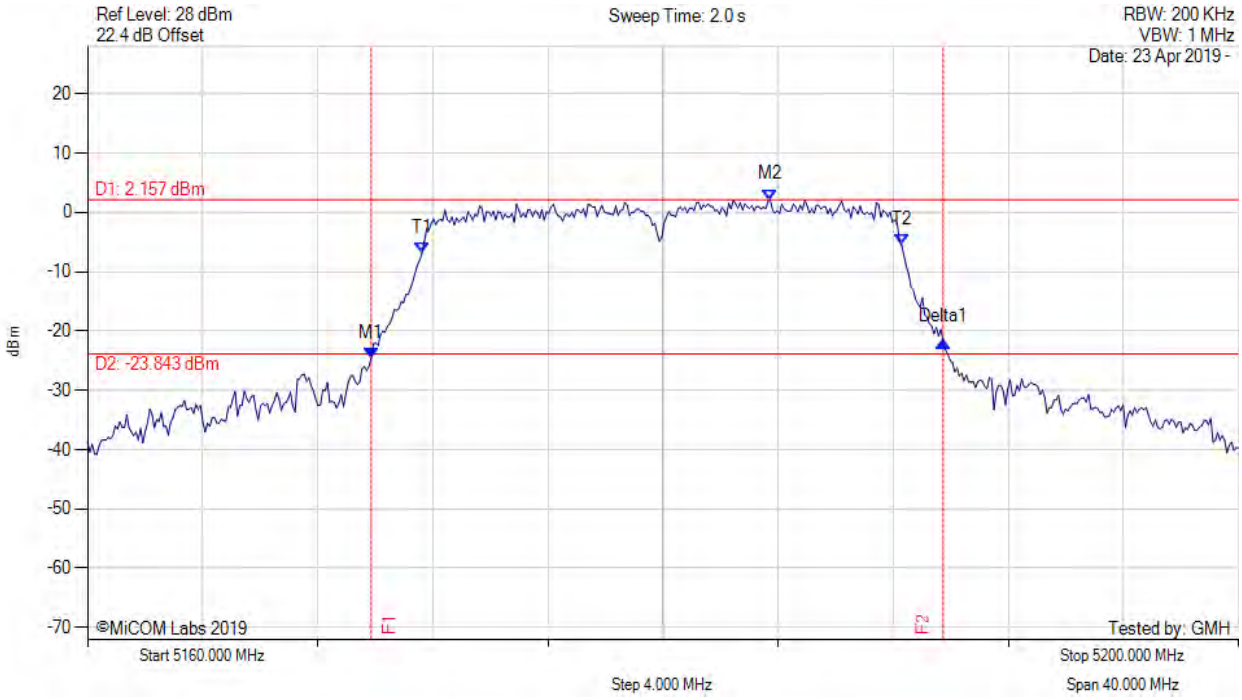


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.860 MHz : -25.262 dBm M2 : 5185.010 MHz : 1.218 dBm Delta1 : 19.960 MHz : 1.322 dB T1 : 5171.623 MHz : -6.677 dBm T2 : 5188.297 MHz : -5.880 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 19.960 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5180.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

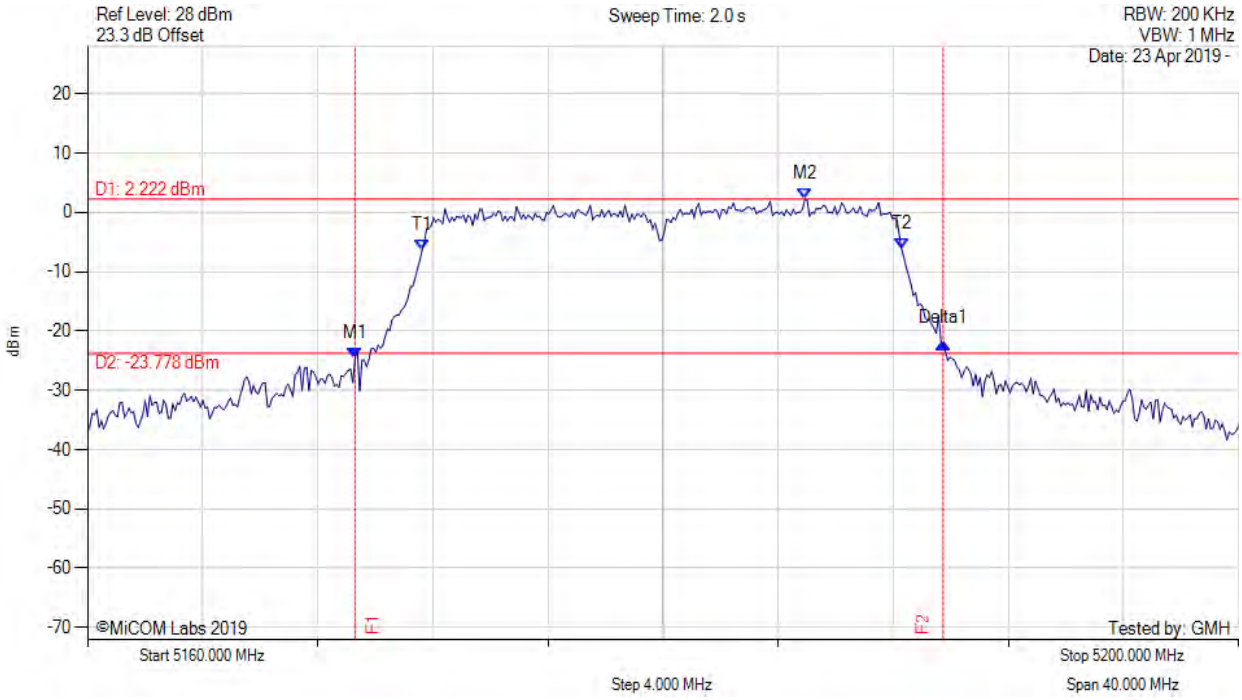


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.860 MHz : -24.566 dBm M2 : 5183.727 MHz : 2.157 dBm Delta1 : 19.880 MHz : 2.683 dB T1 : 5171.623 MHz : -6.897 dBm T2 : 5188.297 MHz : -5.530 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 19.880 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5180.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

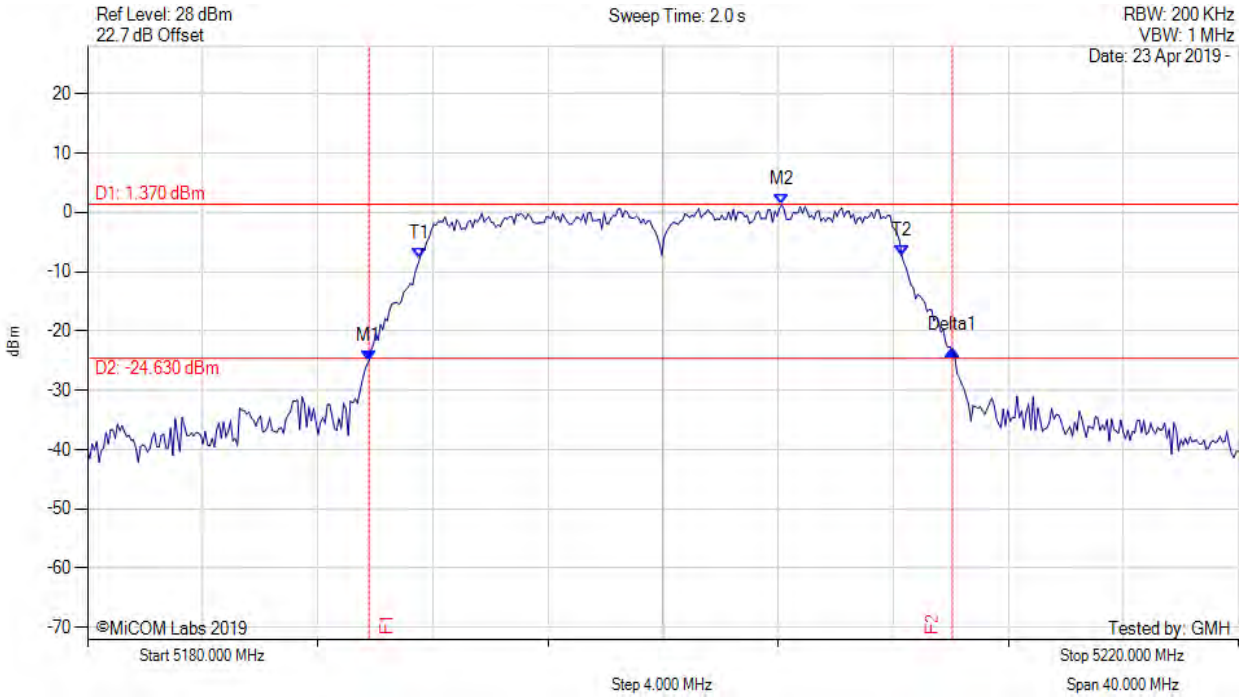


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.299 MHz : -24.542 dBm M2 : 5184.930 MHz : 2.222 dBm Delta1 : 20.441 MHz : 2.522 dB T1 : 5171.623 MHz : -6.482 dBm T2 : 5188.297 MHz : -6.236 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5200.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

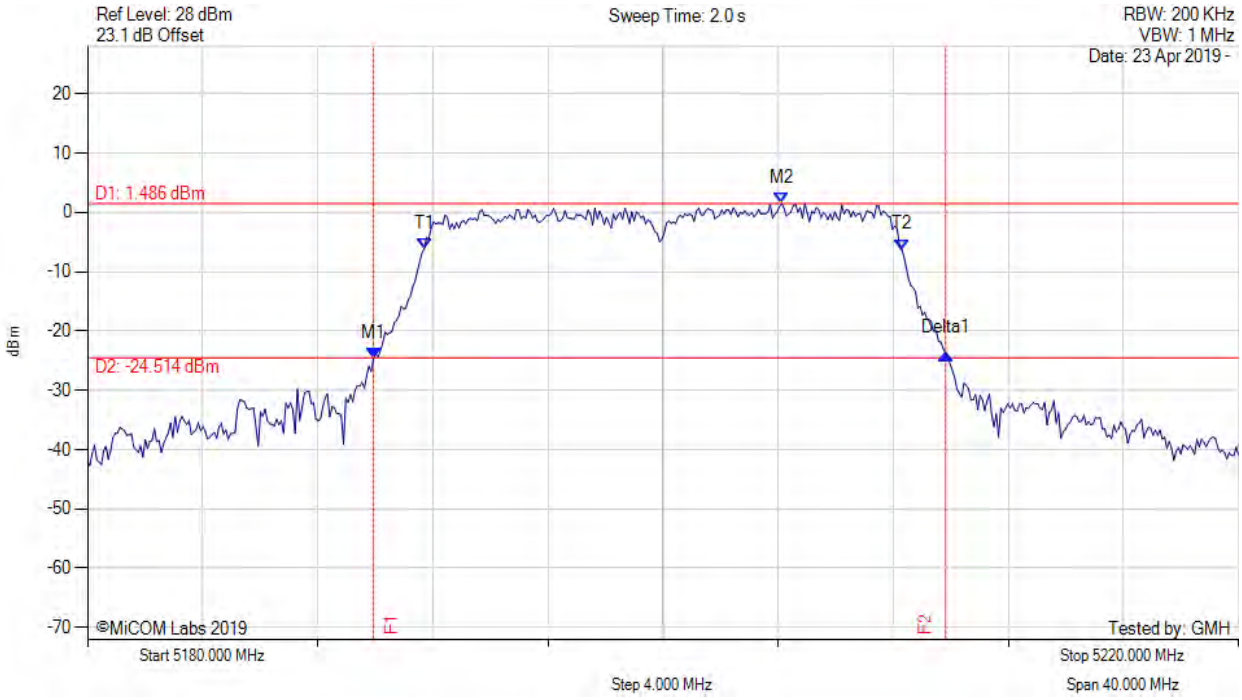


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.780 MHz : -25.071 dBm M2 : 5204.128 MHz : 1.370 dBm Delta1 : 20.281 MHz : 1.757 dB T1 : 5191.543 MHz : -7.831 dBm T2 : 5208.297 MHz : -7.261 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 20.281 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5200.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

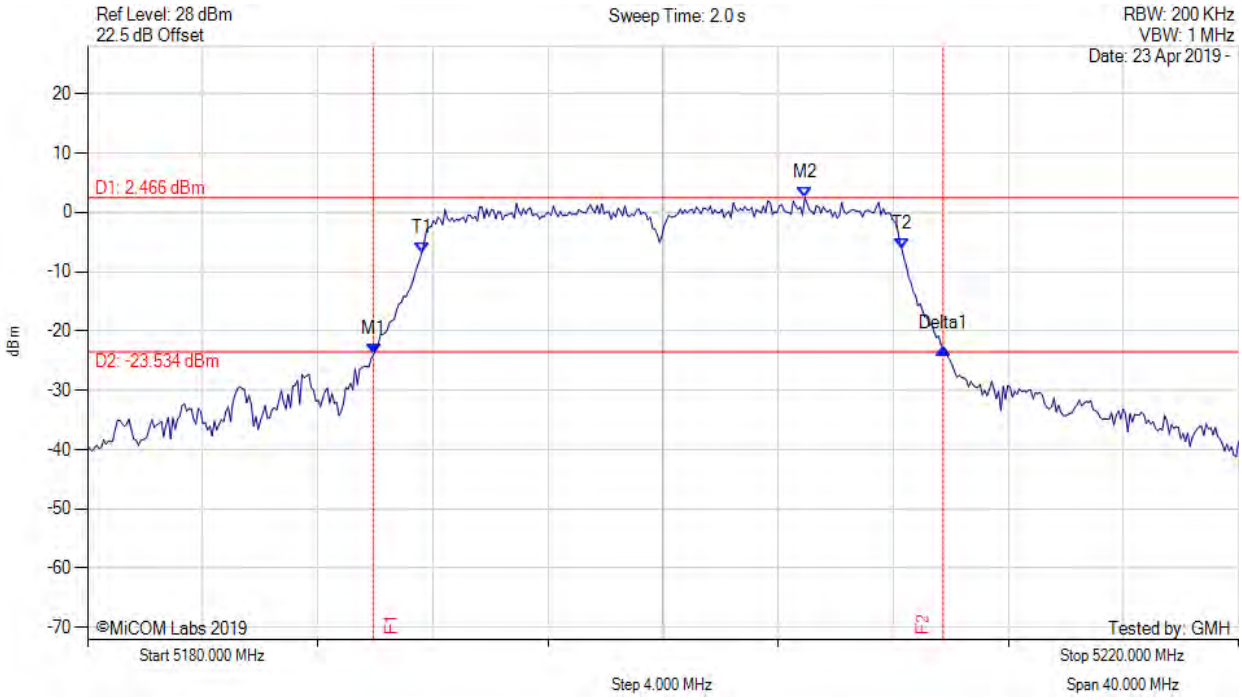


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.940 MHz : -24.576 dBm M2 : 5204.128 MHz : 1.486 dBm Delta1 : 19.880 MHz : 0.793 dB T1 : 5191.703 MHz : -6.120 dBm T2 : 5208.297 MHz : -6.263 dBm OBW : 16.593 MHz	Measured 26 dB Bandwidth: 19.880 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5200.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

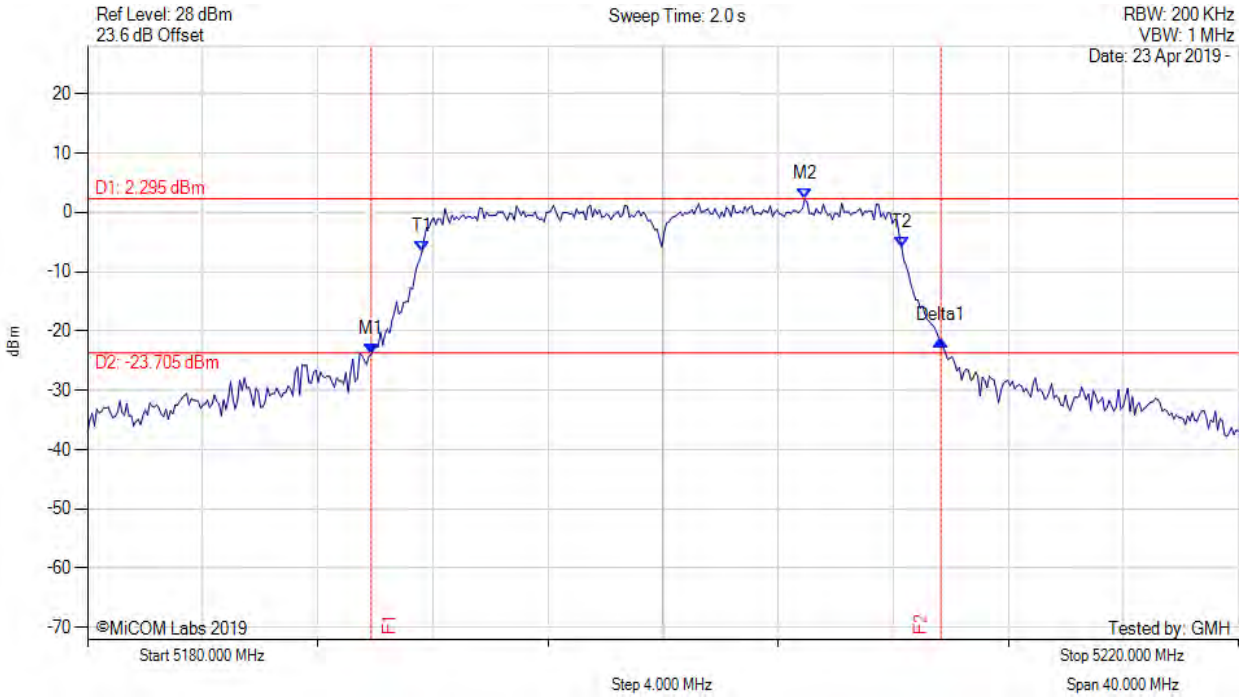


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.940 MHz : -23.976 dBm M2 : 5204.930 MHz : 2.466 dBm Delta1 : 19.800 MHz : 1.102 dB T1 : 5191.623 MHz : -6.763 dBm T2 : 5208.297 MHz : -6.057 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 19.800 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5200.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

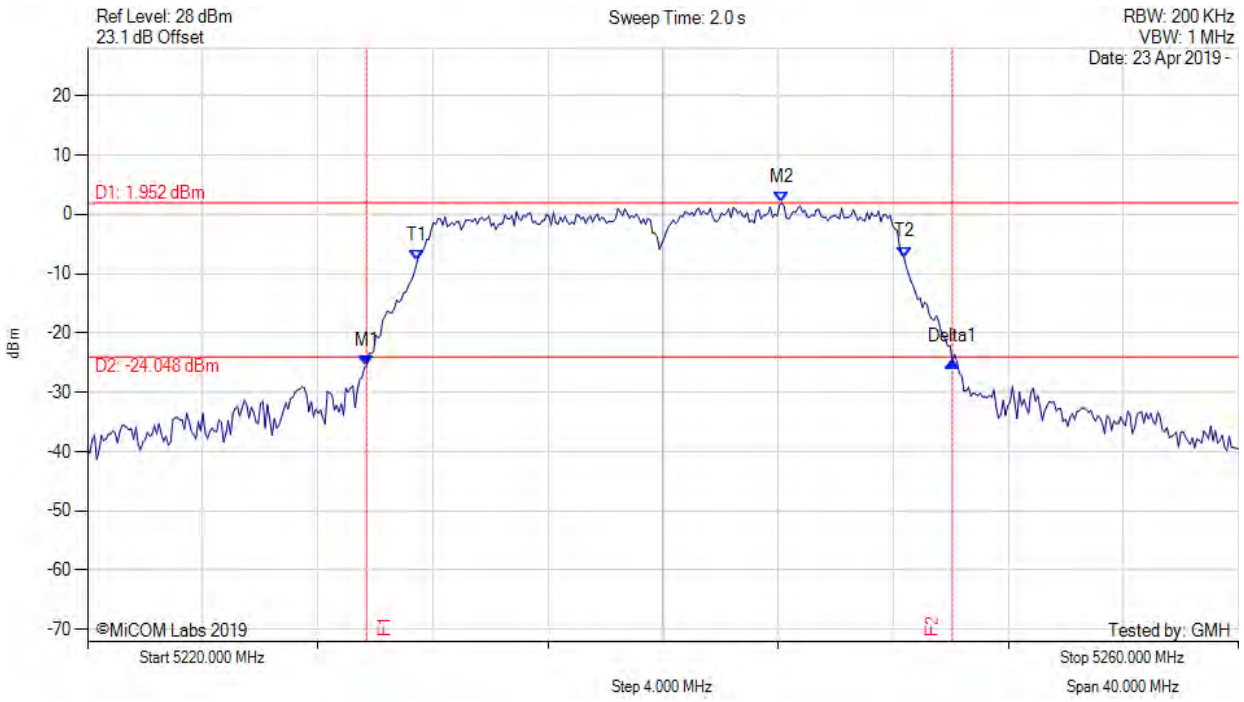


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.860 MHz : -23.966 dBm M2 : 5204.930 MHz : 2.295 dBm Delta1 : 19.800 MHz : 2.300 dB T1 : 5191.623 MHz : -6.637 dBm T2 : 5208.297 MHz : -5.953 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 19.800 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5240.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

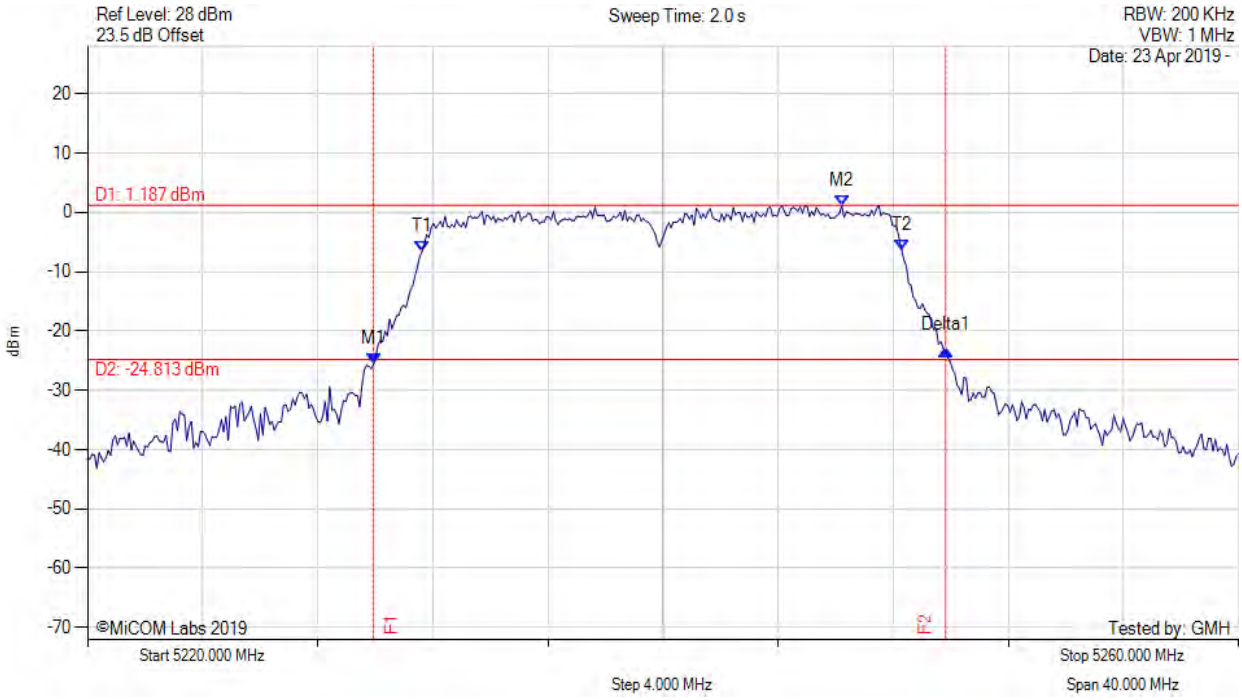


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.699 MHz : -25.530 dBm M2 : 5244.128 MHz : 1.952 dBm Delta1 : 20.361 MHz : 0.610 dB T1 : 5231.463 MHz : -7.808 dBm T2 : 5248.377 MHz : -7.208 dBm OBW : 16.914 MHz	Measured 26 dB Bandwidth: 20.361 MHz Measured 99% Bandwidth: 16.914 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5240.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

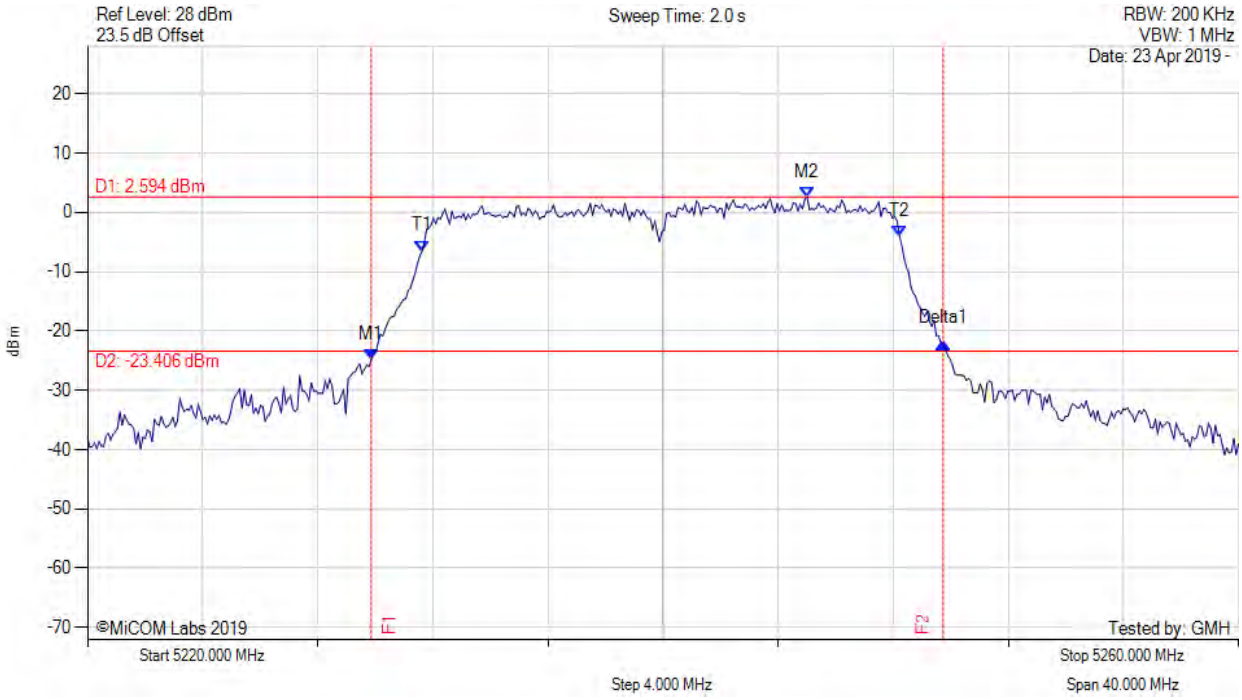


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.940 MHz : -25.583 dBm M2 : 5246.212 MHz : 1.187 dBm Delta1 : 19.880 MHz : 2.270 dB T1 : 5231.623 MHz : -6.633 dBm T2 : 5248.297 MHz : -6.354 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 19.880 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5240.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

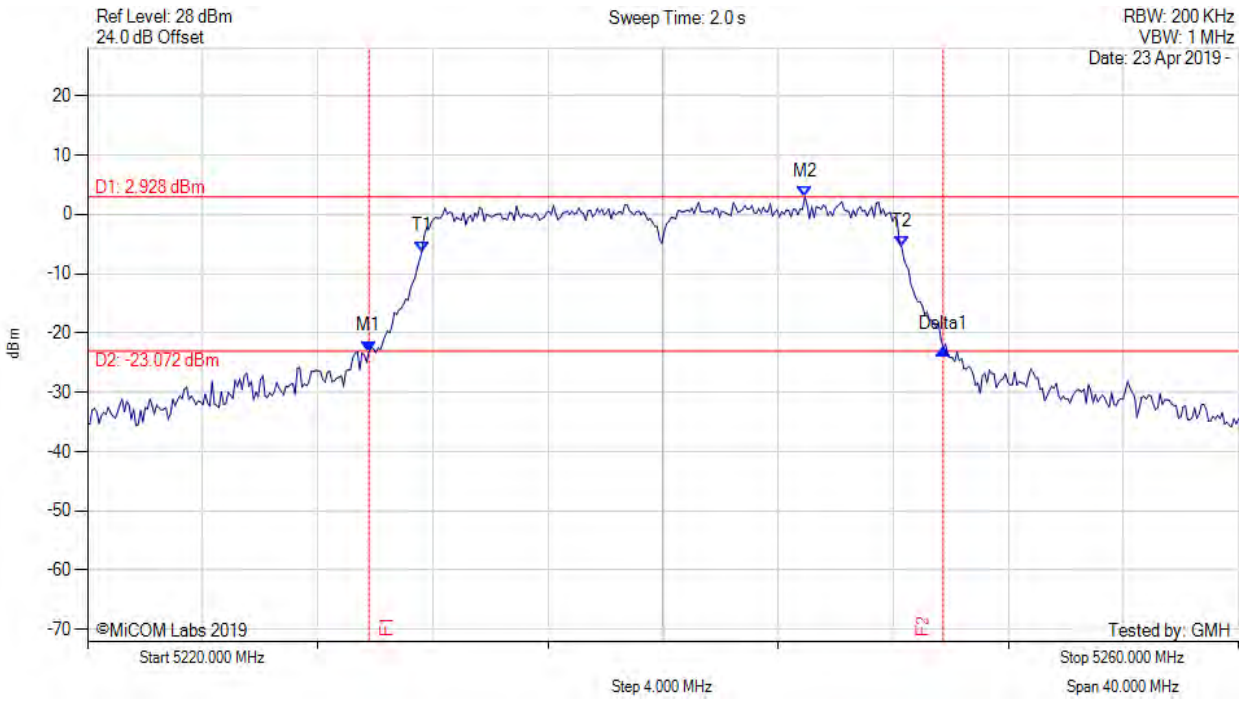


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.860 MHz : -24.912 dBm M2 : 5245.010 MHz : 2.594 dBm Delta1 : 19.880 MHz : 2.835 dB T1 : 5231.623 MHz : -6.515 dBm T2 : 5248.216 MHz : -3.966 dBm OBW : 16.593 MHz	Measured 26 dB Bandwidth: 19.880 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5240.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

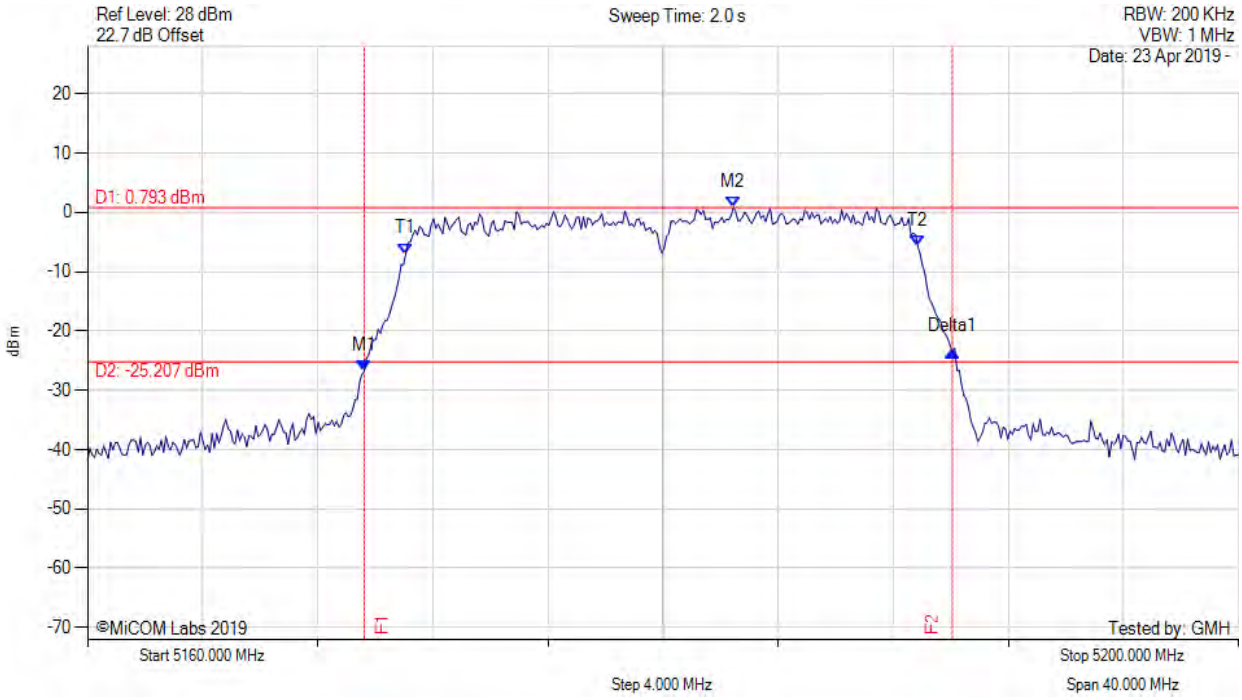


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.780 MHz : -23.106 dBm M2 : 5244.930 MHz : 2.928 dBm Delta1 : 19.960 MHz : 0.456 dB T1 : 5231.623 MHz : -6.271 dBm T2 : 5248.297 MHz : -5.512 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 19.960 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

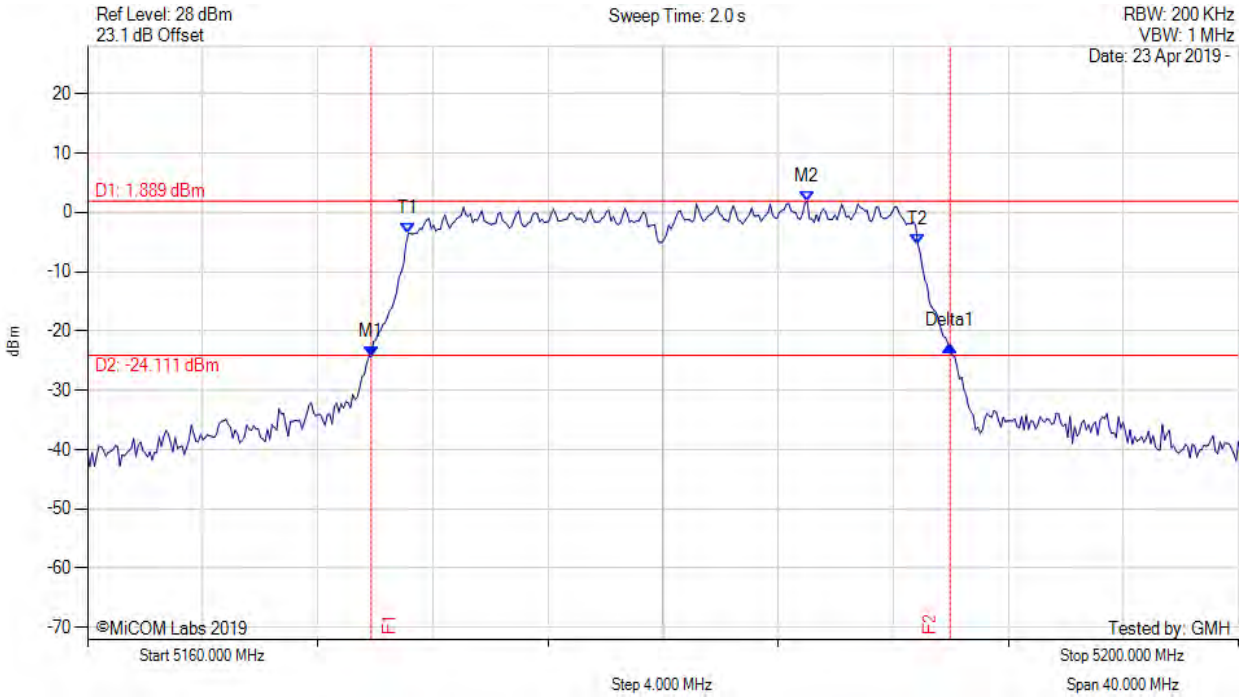


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.619 MHz : -26.759 dBm M2 : 5182.445 MHz : 0.793 dBm Delta1 : 20.441 MHz : 3.252 dB T1 : 5171.062 MHz : -6.964 dBm T2 : 5188.858 MHz : -5.691 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

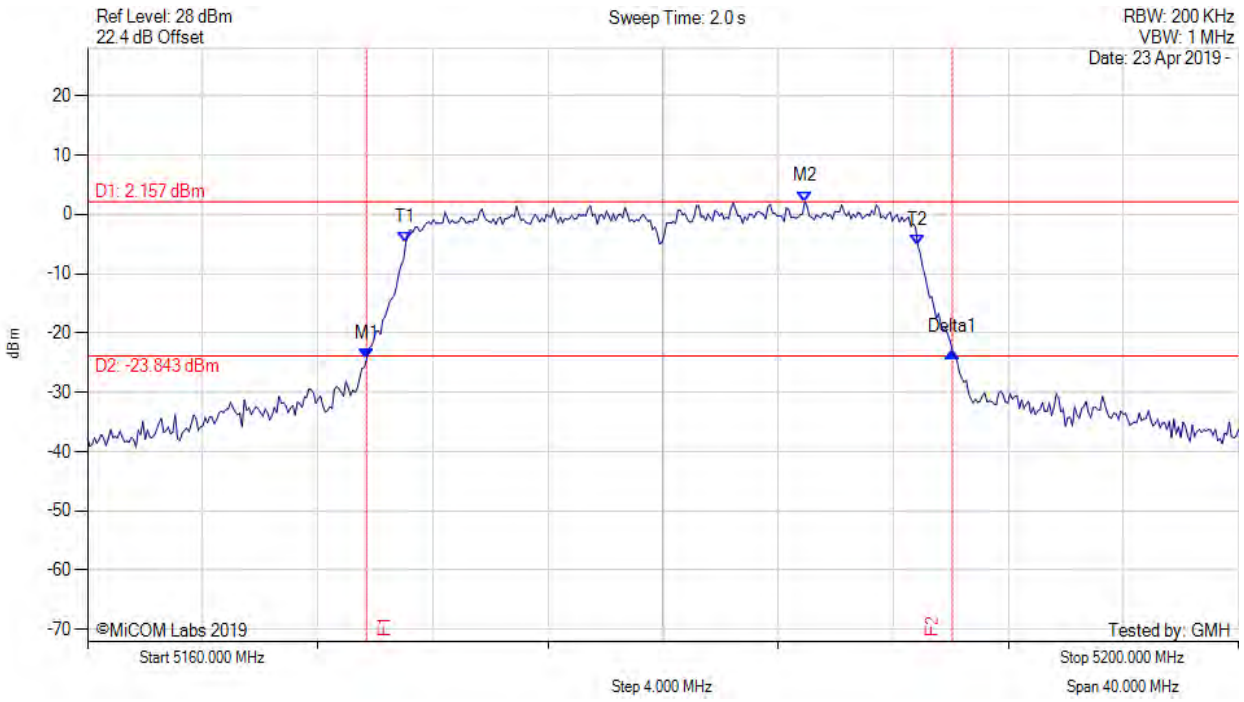


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.860 MHz : -24.371 dBm M2 : 5185.010 MHz : 1.889 dBm Delta1 : 20.120 MHz : 1.887 dB T1 : 5171.142 MHz : -3.633 dBm T2 : 5188.858 MHz : -5.349 dBm OBW : 17.715 MHz	Measured 26 dB Bandwidth: 20.120 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

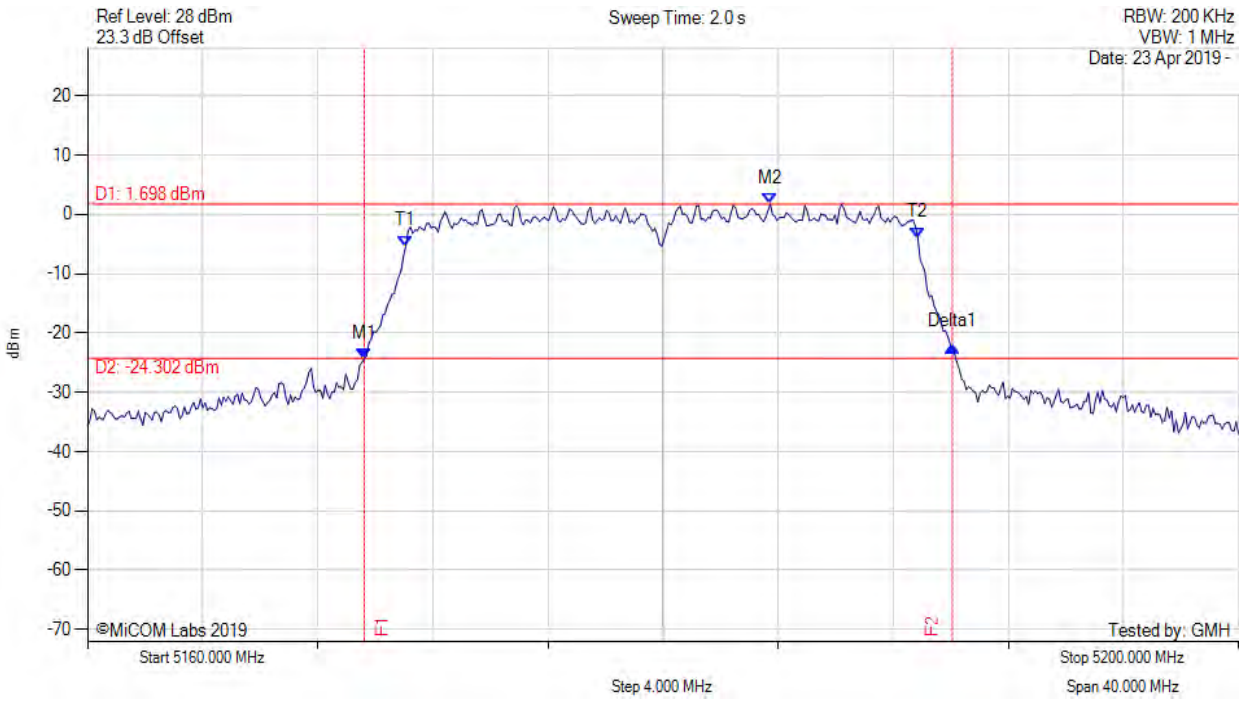


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.699 MHz : -24.473 dBm M2 : 5184.930 MHz : 2.157 dBm Delta1 : 20.361 MHz : 1.285 dB T1 : 5171.062 MHz : -4.806 dBm T2 : 5188.858 MHz : -5.288 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.361 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

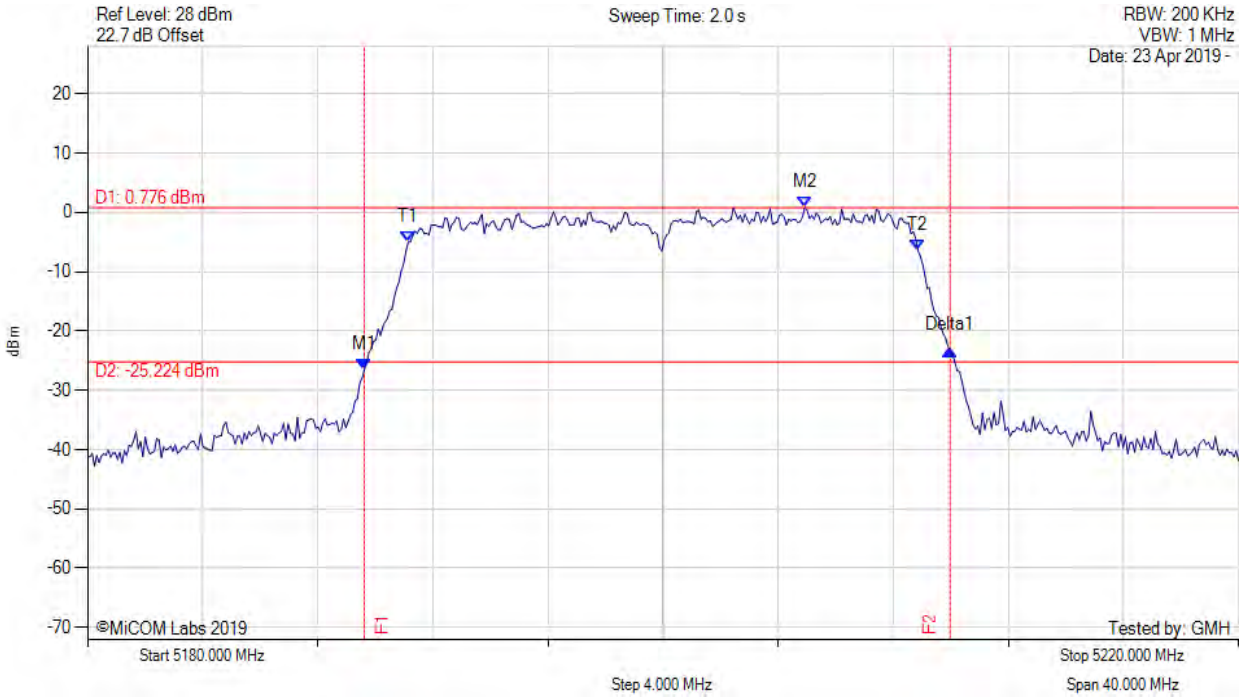


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5169.619 MHz : -24.371 dBm M2 : 5183.727 MHz : 1.698 dBm Delta1 : 20.441 MHz : 2.044 dB T1 : 5171.062 MHz : -5.331 dBm T2 : 5188.858 MHz : -3.920 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

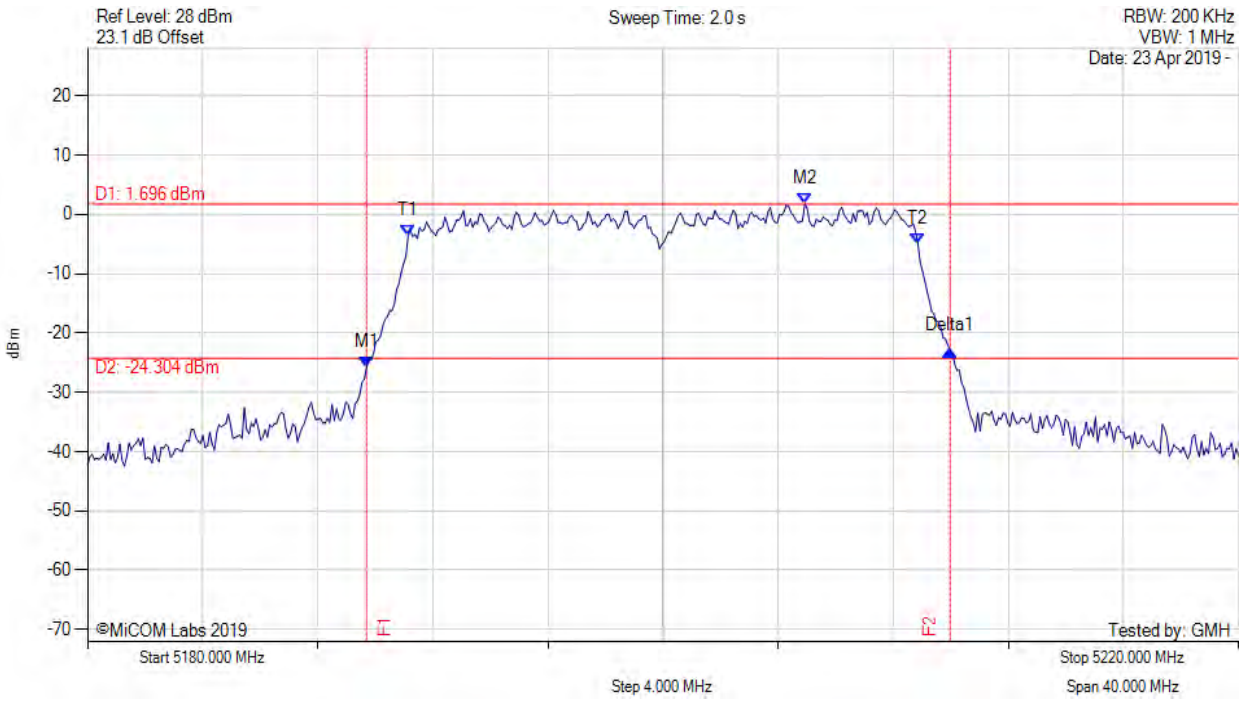


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.619 MHz : -26.563 dBm M2 : 5204.930 MHz : 0.776 dBm Delta1 : 20.361 MHz : 3.252 dB T1 : 5191.142 MHz : -5.065 dBm T2 : 5208.858 MHz : -6.399 dBm OBW : 17.715 MHz	Measured 26 dB Bandwidth: 20.361 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

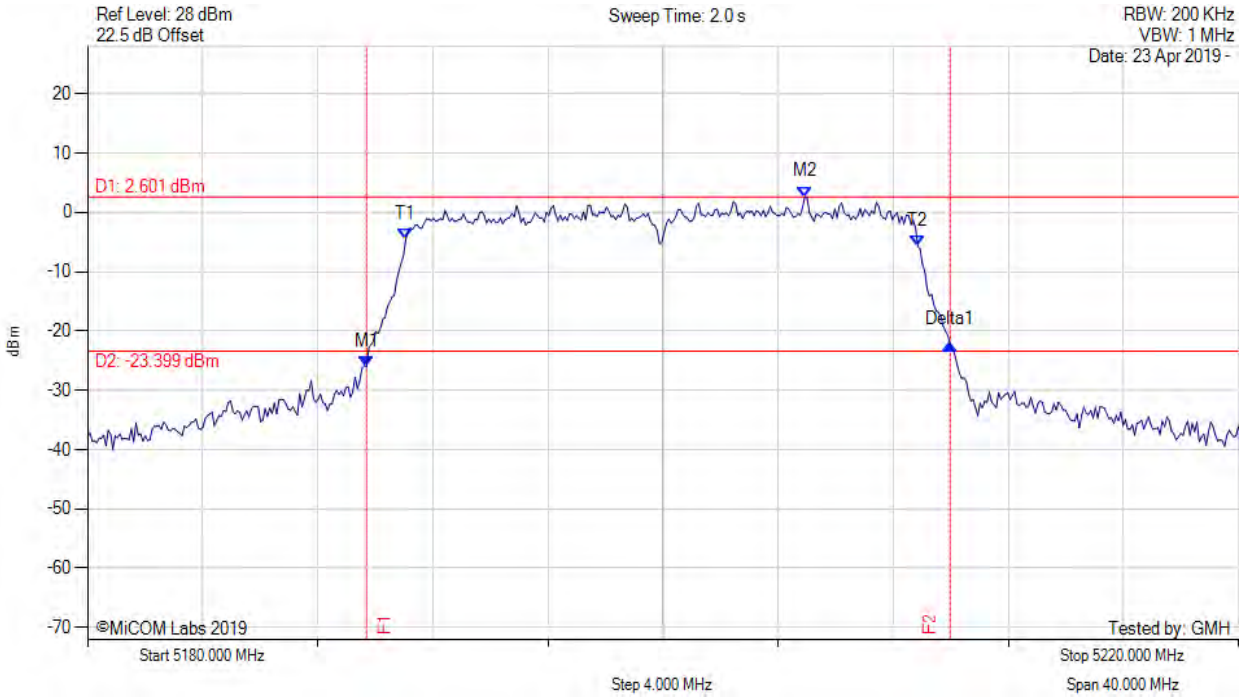


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.699 MHz : -25.805 dBm M2 : 5204.930 MHz : 1.696 dBm Delta1 : 20.281 MHz : 2.855 dB T1 : 5191.142 MHz : -3.543 dBm T2 : 5208.858 MHz : -4.934 dBm OBW : 17.715 MHz	Measured 26 dB Bandwidth: 20.281 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

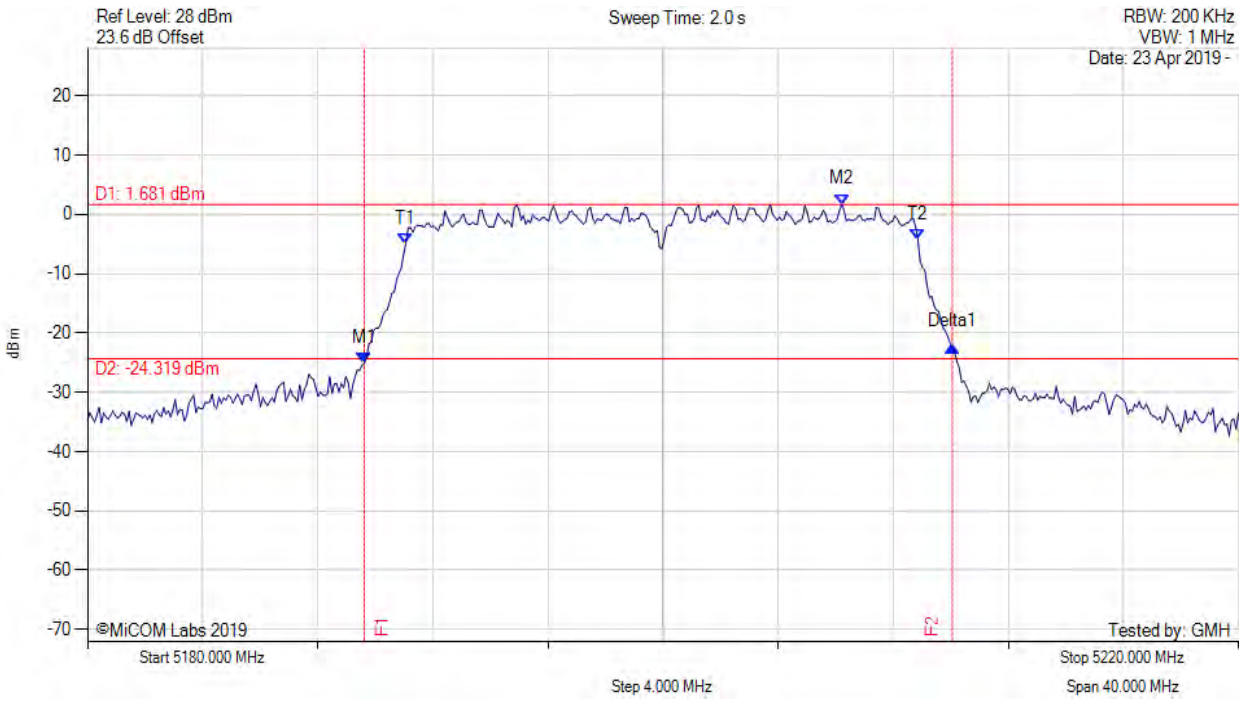


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.699 MHz : -26.039 dBm M2 : 5204.930 MHz : 2.601 dBm Delta1 : 20.281 MHz : 3.708 dB T1 : 5191.062 MHz : -4.481 dBm T2 : 5208.858 MHz : -5.715 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.281 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

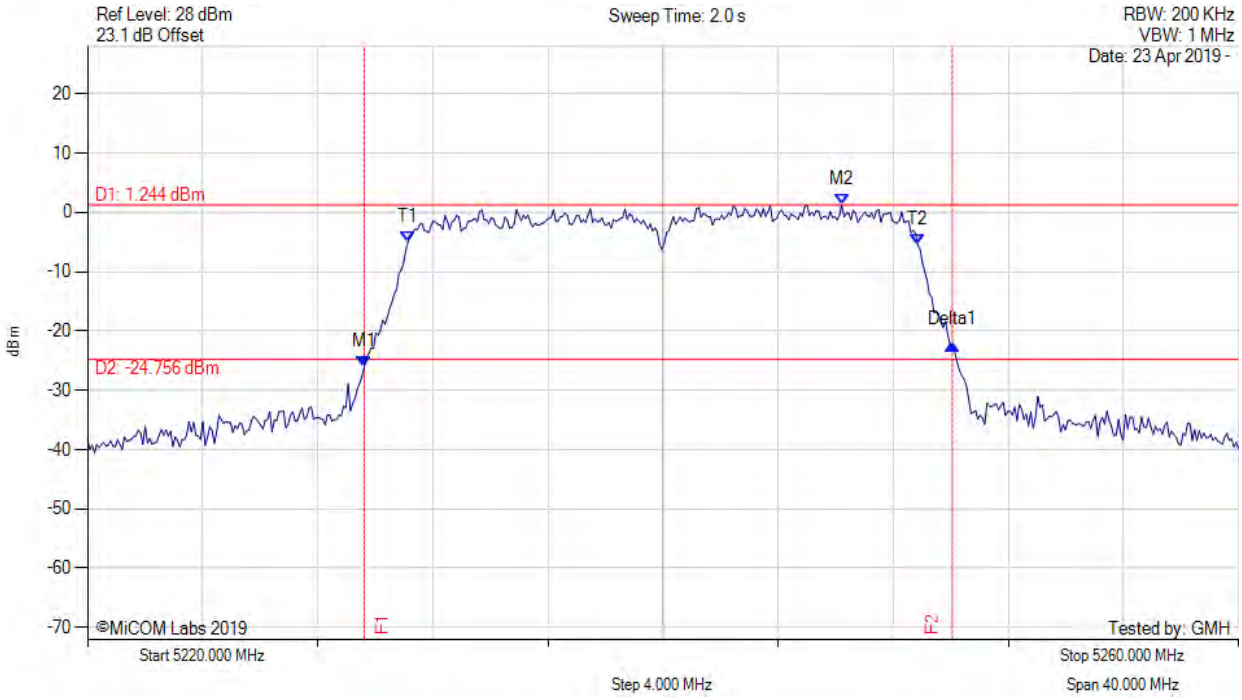


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5189.619 MHz : -25.172 dBm M2 : 5206.212 MHz : 1.681 dBm Delta1 : 20.441 MHz : 2.853 dB T1 : 5191.062 MHz : -4.892 dBm T2 : 5208.858 MHz : -4.184 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

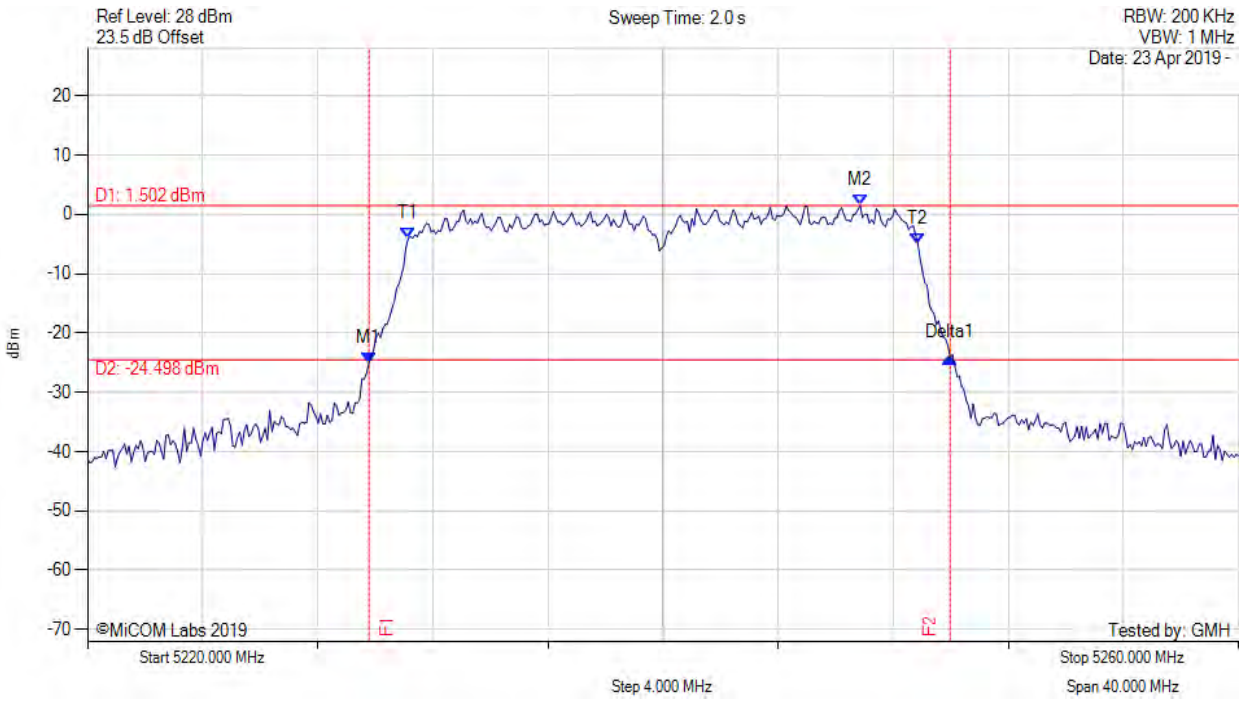


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.619 MHz : -26.037 dBm M2 : 5246.212 MHz : 1.244 dBm Delta1 : 20.441 MHz : 3.726 dB T1 : 5231.142 MHz : -4.900 dBm T2 : 5248.858 MHz : -5.549 dBm OBW : 17.715 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

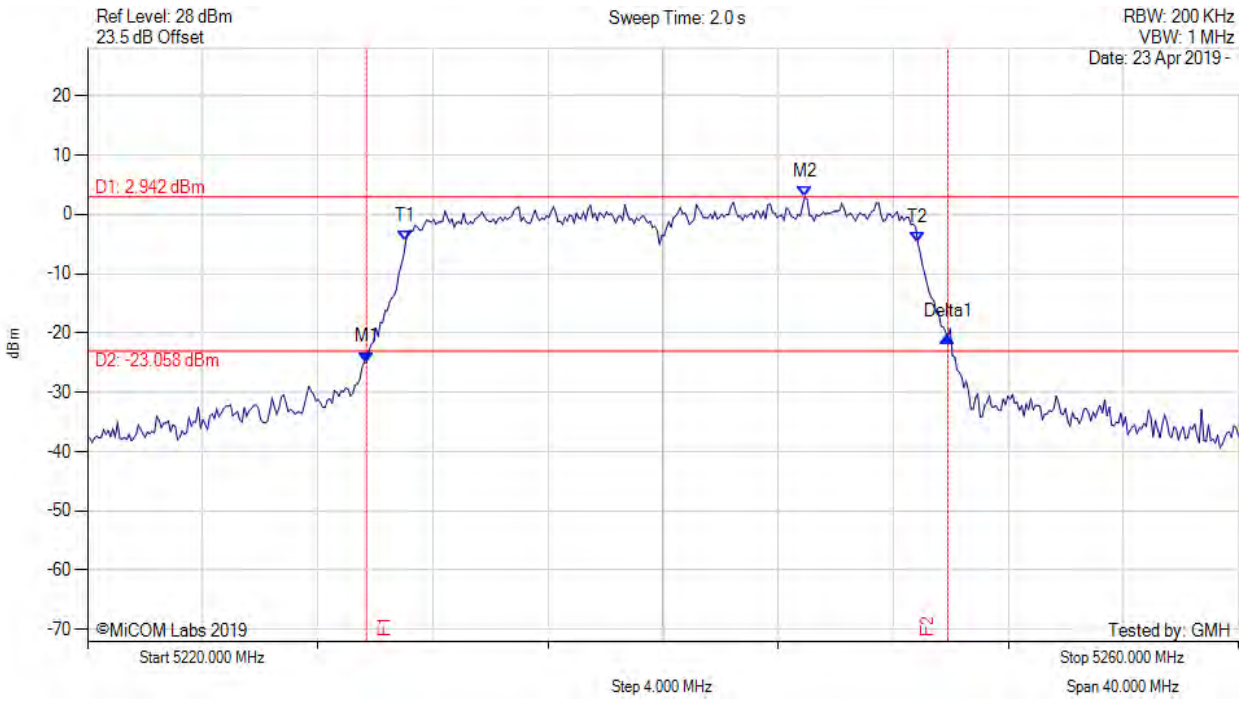


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.780 MHz : -24.999 dBm M2 : 5246.854 MHz : 1.502 dBm Delta1 : 20.200 MHz : 0.868 dB T1 : 5231.142 MHz : -4.031 dBm T2 : 5248.858 MHz : -4.939 dBm OBW : 17.715 MHz	Measured 26 dB Bandwidth: 20.200 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

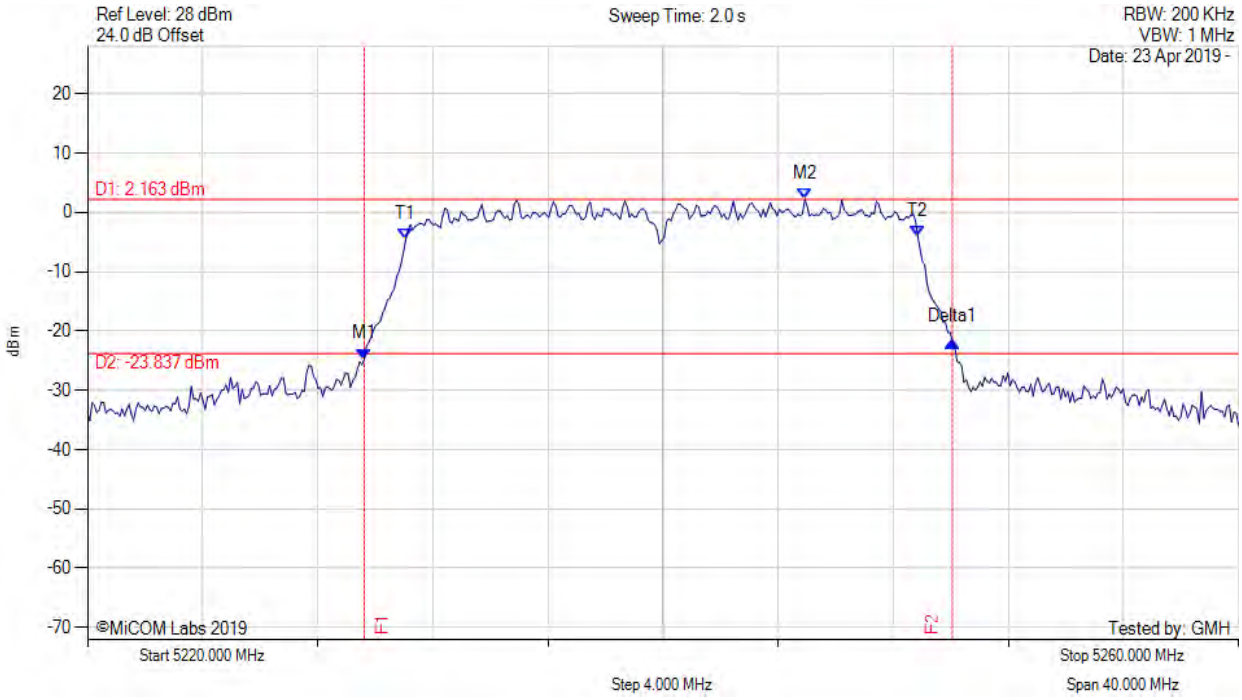


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.699 MHz : -24.977 dBm M2 : 5244.930 MHz : 2.942 dBm Delta1 : 20.200 MHz : 4.332 dB T1 : 5231.062 MHz : -4.483 dBm T2 : 5248.858 MHz : -4.798 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.200 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

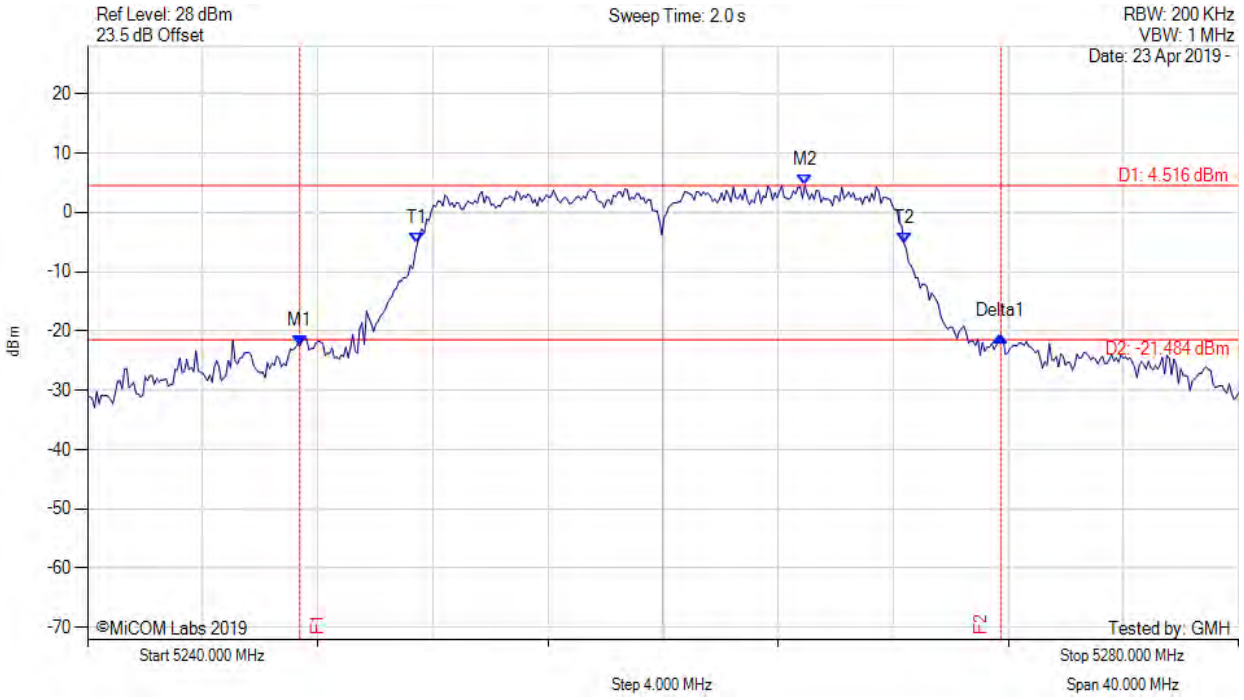


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5229.619 MHz : -24.721 dBm M2 : 5244.930 MHz : 2.163 dBm Delta1 : 20.441 MHz : 2.853 dB T1 : 5231.062 MHz : -4.520 dBm T2 : 5248.858 MHz : -4.007 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

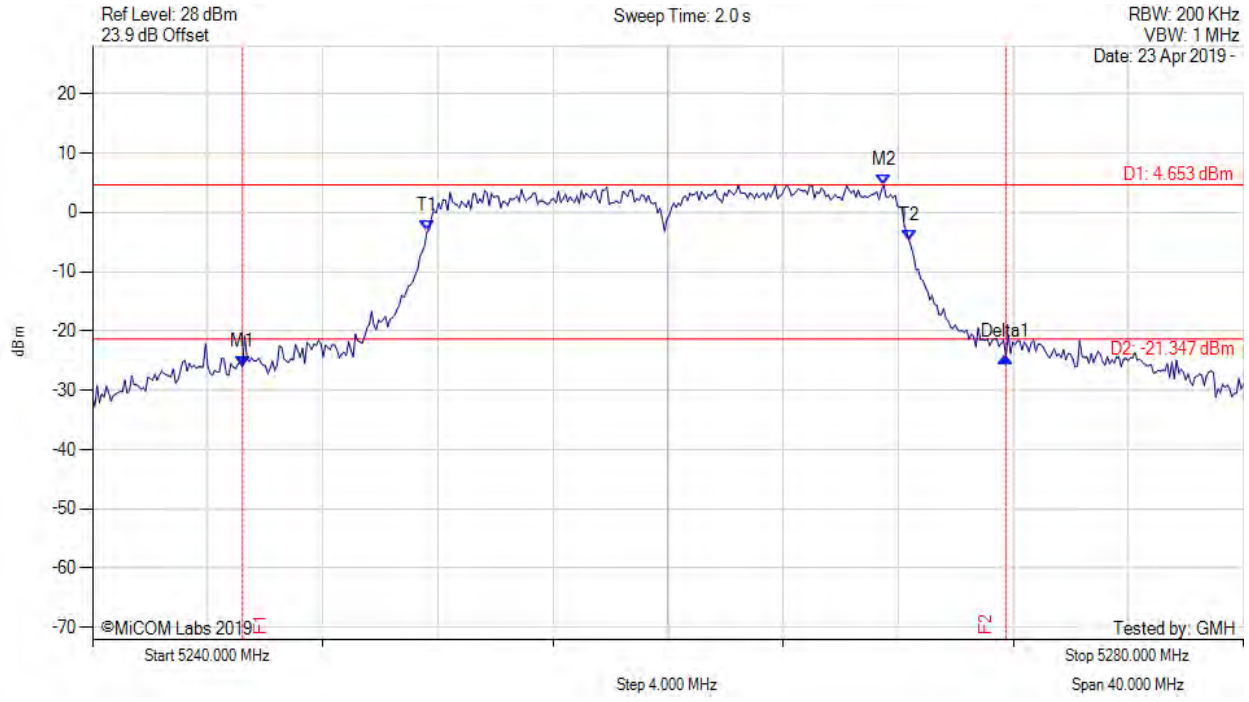


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5247.375 MHz : -22.510 dBm M2 : 5264.930 MHz : 4.516 dBm Delta1 : 24.369 MHz : 1.576 dB T1 : 5251.463 MHz : -5.272 dBm T2 : 5268.377 MHz : -5.213 dBm OBW : 16.914 MHz	Measured 26 dB Bandwidth: 24.369 MHz Measured 99% Bandwidth: 16.914 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

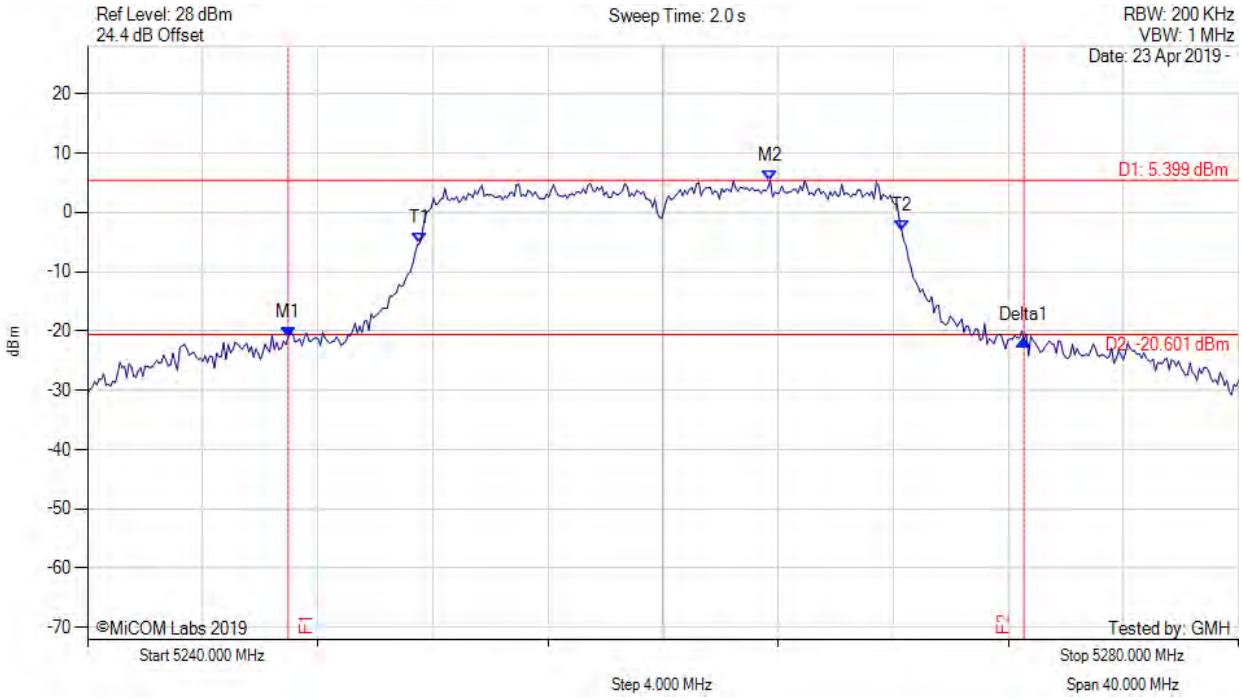


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5245.210 MHz : -26.073 dBm M2 : 5267.495 MHz : 4.653 dBm Delta1 : 26.533 MHz : 1.745 dB T1 : 5251.623 MHz : -3.210 dBm T2 : 5268.377 MHz : -4.682 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 26.533 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

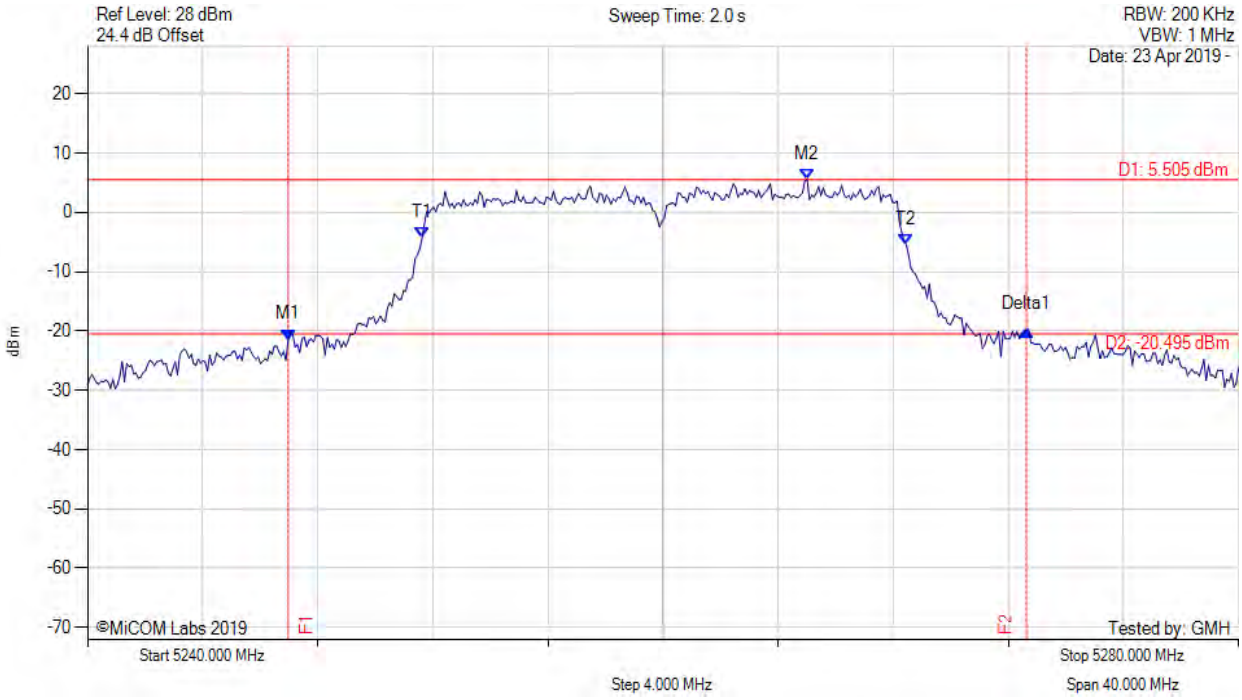


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5246.974 MHz : -21.028 dBm M2 : 5263.727 MHz : 5.399 dBm Delta1 : 25.571 MHz : -0.517 dB T1 : 5251.543 MHz : -5.244 dBm T2 : 5268.297 MHz : -3.122 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 25.571 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

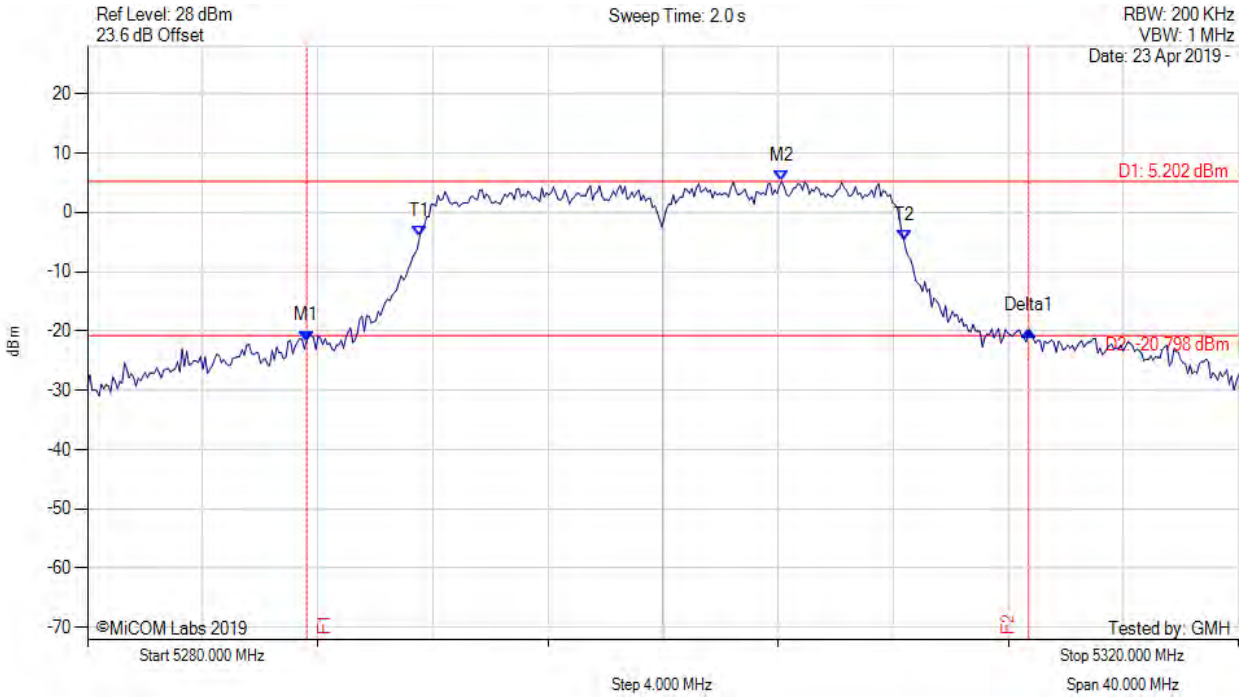


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5246.974 MHz : -21.449 dBm M2 : 5265.010 MHz : 5.505 dBm Delta1 : 25.651 MHz : 1.627 dB T1 : 5251.623 MHz : -4.371 dBm T2 : 5268.457 MHz : -5.543 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 25.651 MHz Measured 99% Bandwidth: 16.834 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

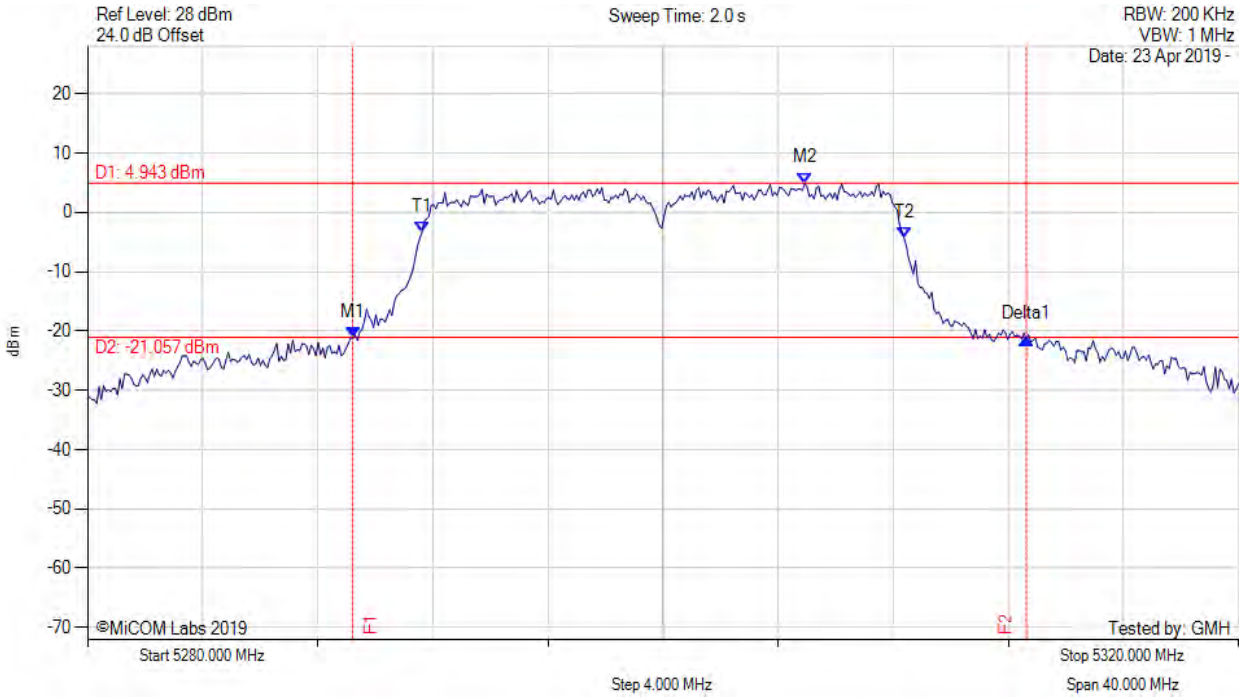


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5287.615 MHz : -21.678 dBm M2 : 5304.128 MHz : 5.202 dBm Delta1 : 25.090 MHz : 1.808 dB T1 : 5291.543 MHz : -4.029 dBm T2 : 5308.377 MHz : -4.776 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 25.090 MHz Measured 99% Bandwidth: 16.834 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

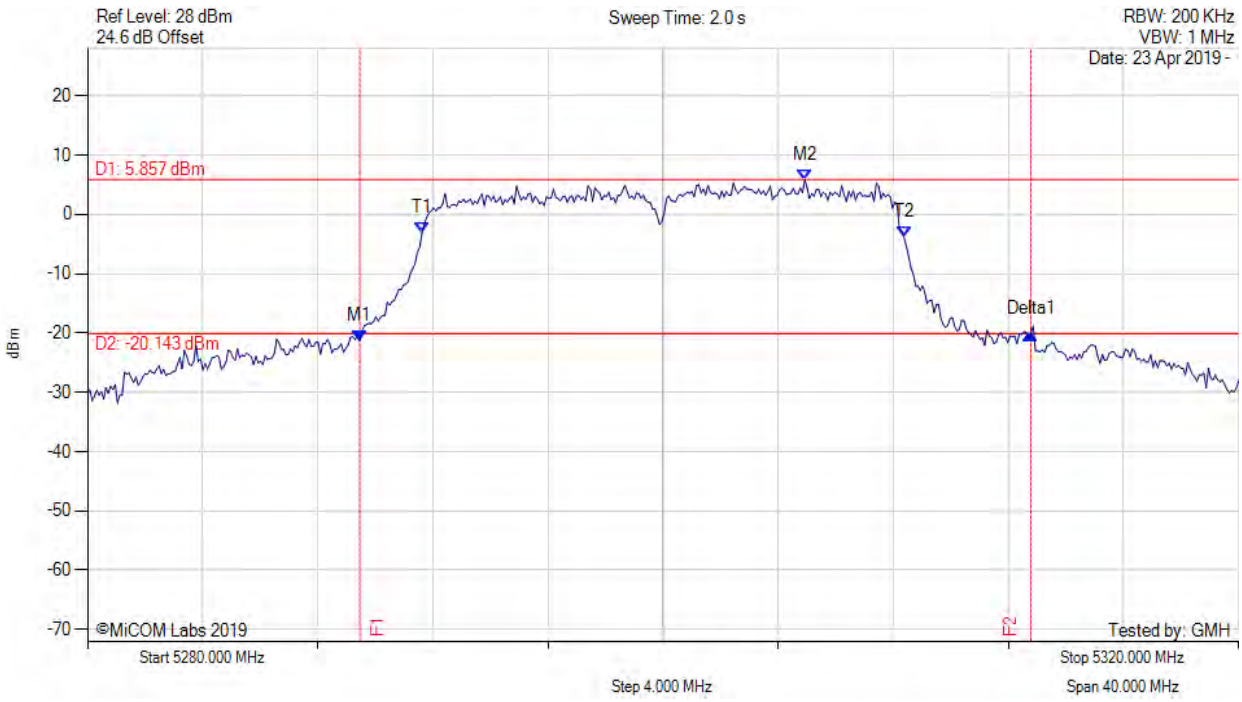


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5289.218 MHz : -21.131 dBm M2 : 5304.930 MHz : 4.943 dBm Delta1 : 23.407 MHz : -0.201 dB T1 : 5291.623 MHz : -3.324 dBm T2 : 5308.377 MHz : -4.229 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 23.407 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5289.459 MHz : -21.312 dBm M2 : 5304.930 MHz : 5.857 dBm Delta1 : 23.327 MHz : 1.161 dB T1 : 5291.623 MHz : -3.167 dBm T2 : 5308.377 MHz : -3.814 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 23.327 MHz Measured 99% Bandwidth: 16.754 MHz

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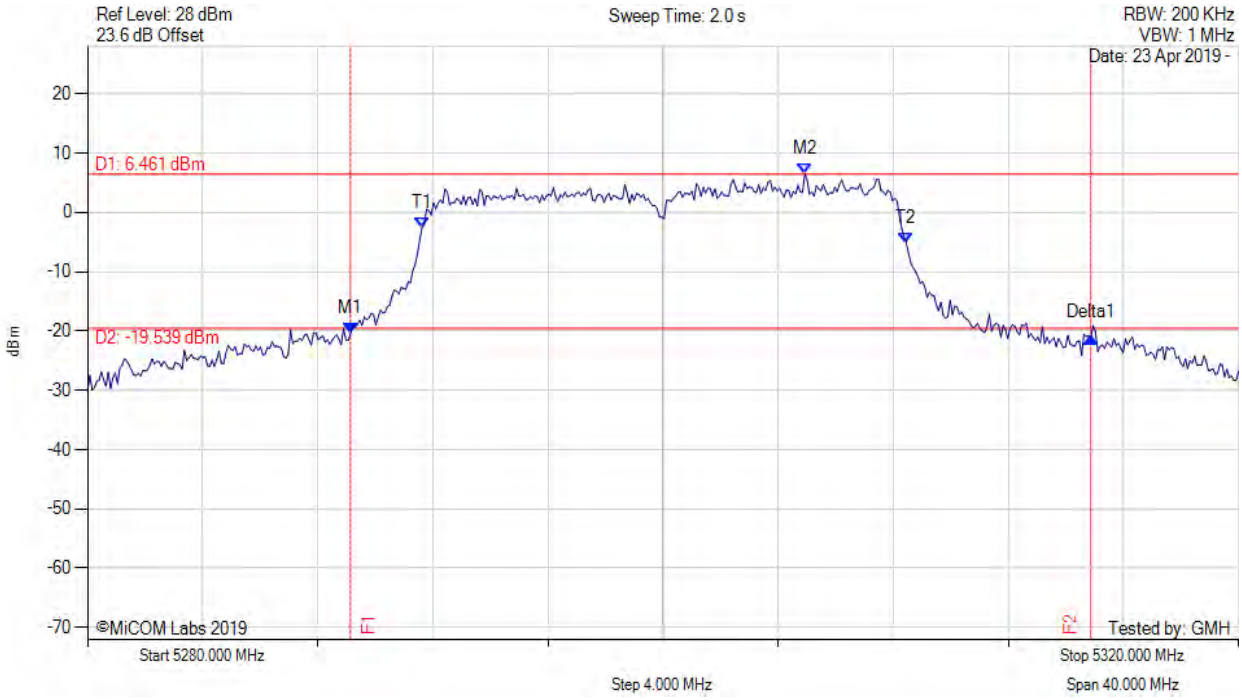
26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

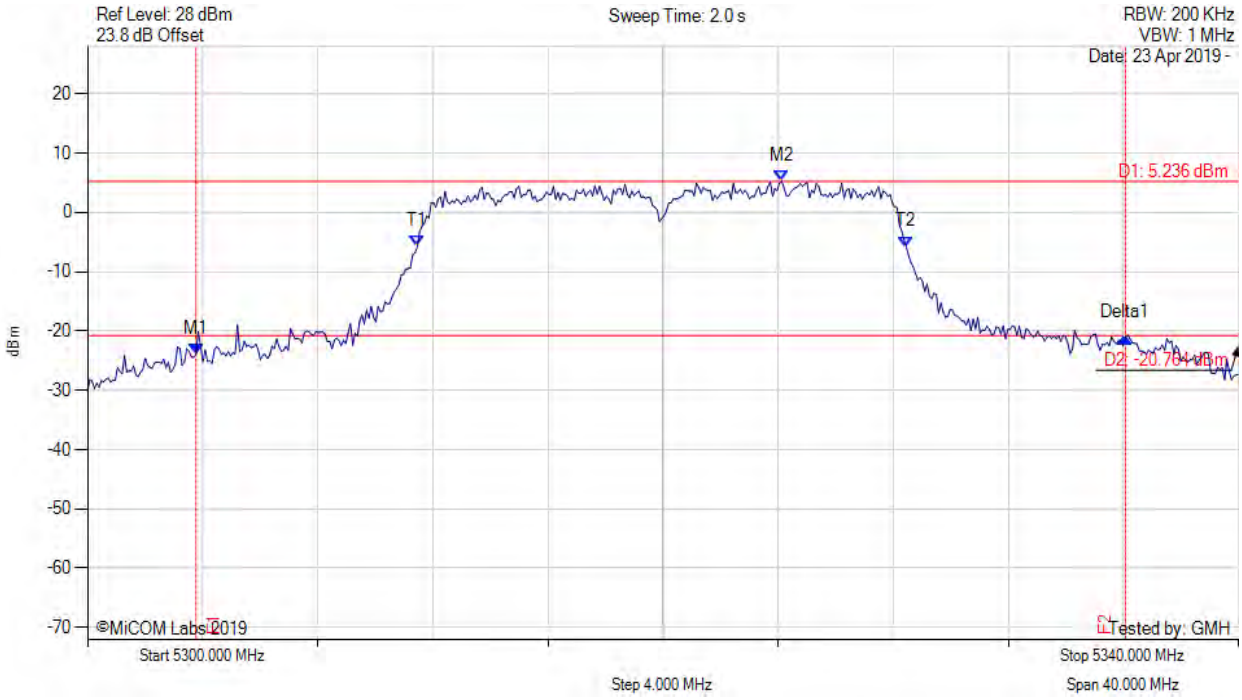


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5289.138 MHz : -20.478 dBm M2 : 5304.930 MHz : 6.461 dBm Delta1 : 25.731 MHz : -0.614 dB T1 : 5291.623 MHz : -2.579 dBm T2 : 5308.457 MHz : -5.193 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 25.731 MHz Measured 99% Bandwidth: 16.834 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5303.768 MHz : -23.942 dBm M2 : 5324.128 MHz : 5.236 dBm Delta1 : 32.305 MHz : 2.807 dB T1 : 5311.463 MHz : -5.781 dBm T2 : 5328.457 MHz : -5.797 dBm OBW : 16.994 MHz	Measured 26 dB Bandwidth: 32.305 MHz Measured 99% Bandwidth: 16.994 MHz

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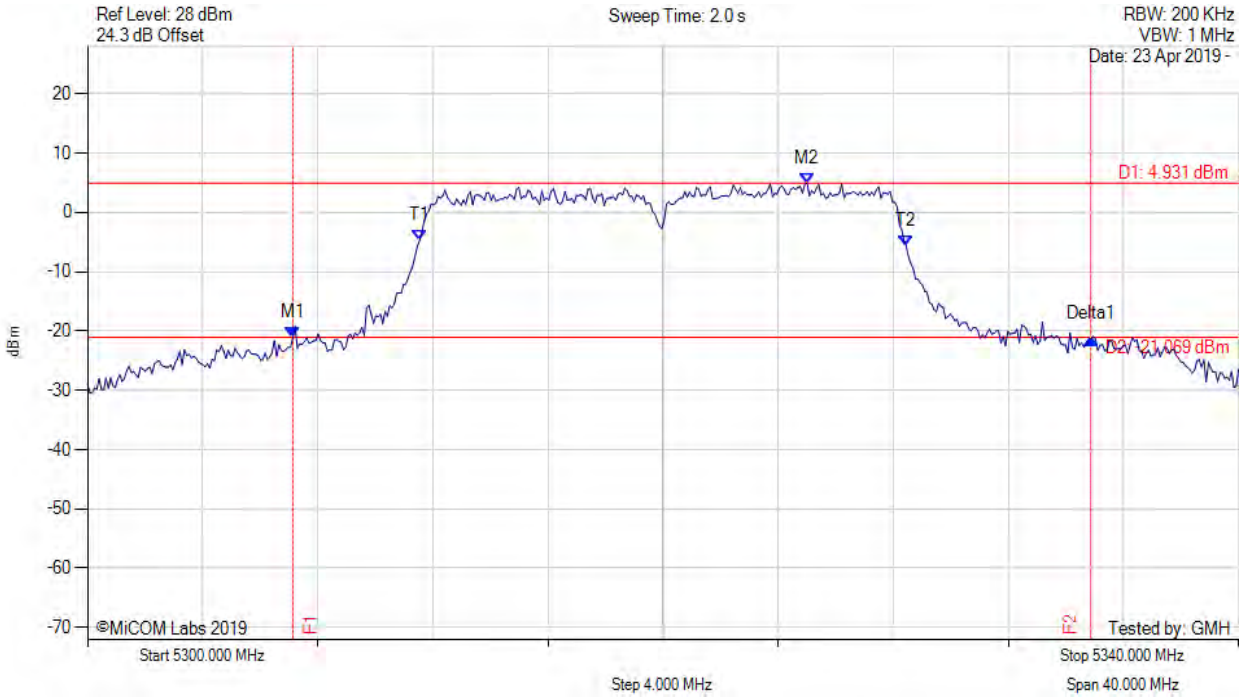
26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5307.134 MHz : -21.186 dBm M2 : 5325.010 MHz : 4.931 dBm Delta1 : 27.735 MHz : -0.089 dB T1 : 5311.543 MHz : -4.686 dBm T2 : 5328.457 MHz : -5.726 dBm OBW : 16.914 MHz	Measured 26 dB Bandwidth: 27.735 MHz Measured 99% Bandwidth: 16.914 MHz

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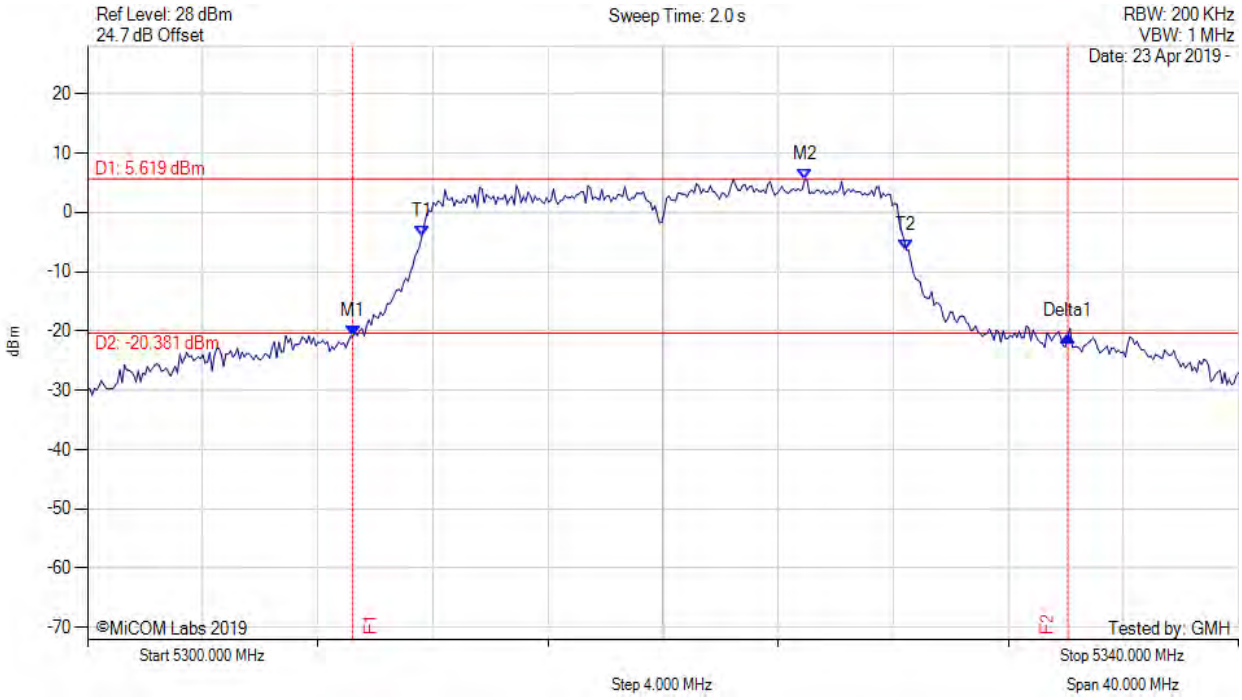
26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5309.218 MHz : -20.918 dBm M2 : 5324.930 MHz : 5.619 dBm Delta1 : 24.850 MHz : 0.079 dB T1 : 5311.623 MHz : -3.987 dBm T2 : 5328.457 MHz : -6.368 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 24.850 MHz Measured 99% Bandwidth: 16.834 MHz

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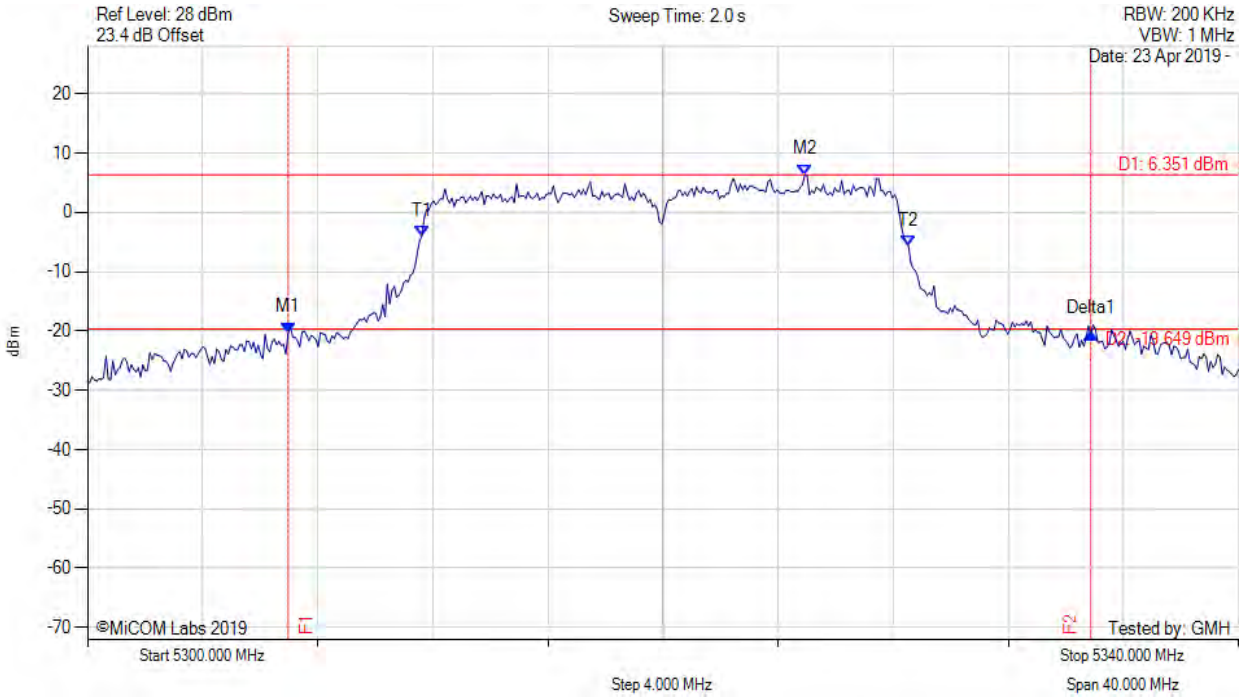
26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5306.974 MHz : -20.291 dBm M2 : 5324.930 MHz : 6.351 dBm Delta1 : 27.896 MHz : -0.191 dB T1 : 5311.623 MHz : -4.017 dBm T2 : 5328.537 MHz : -5.781 dBm OBW : 16.914 MHz	Measured 26 dB Bandwidth: 27.896 MHz Measured 99% Bandwidth: 16.914 MHz

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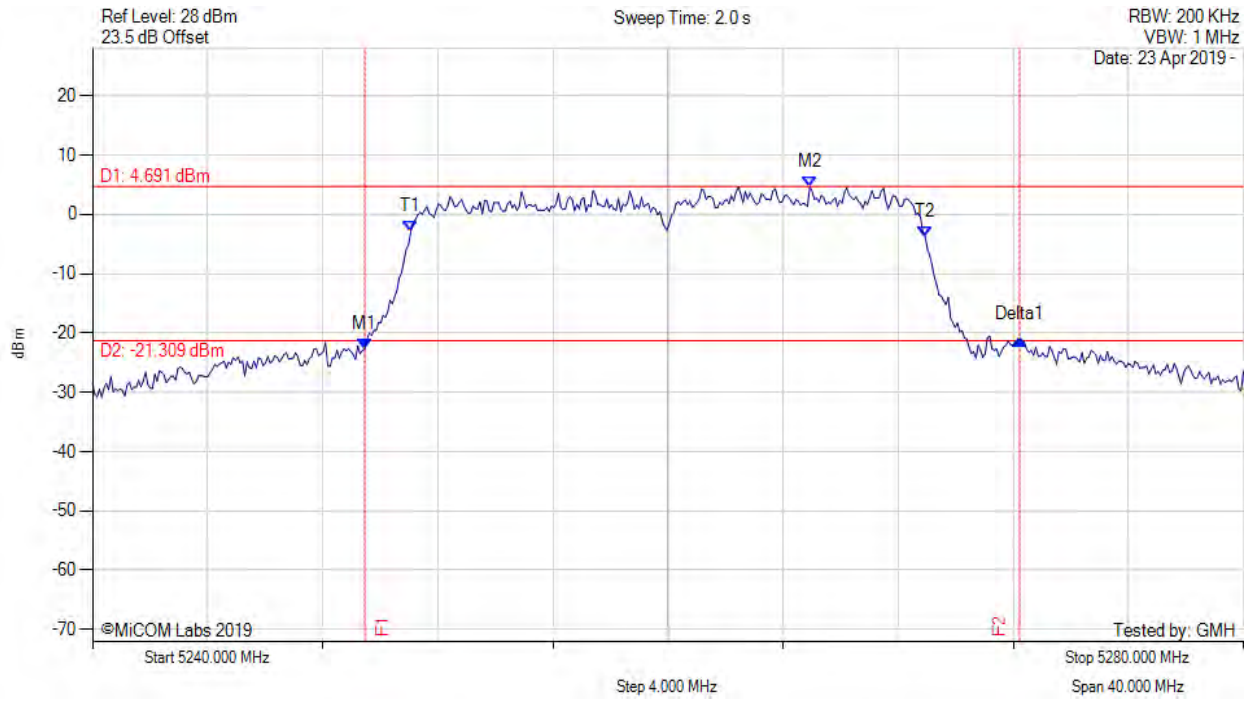
26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

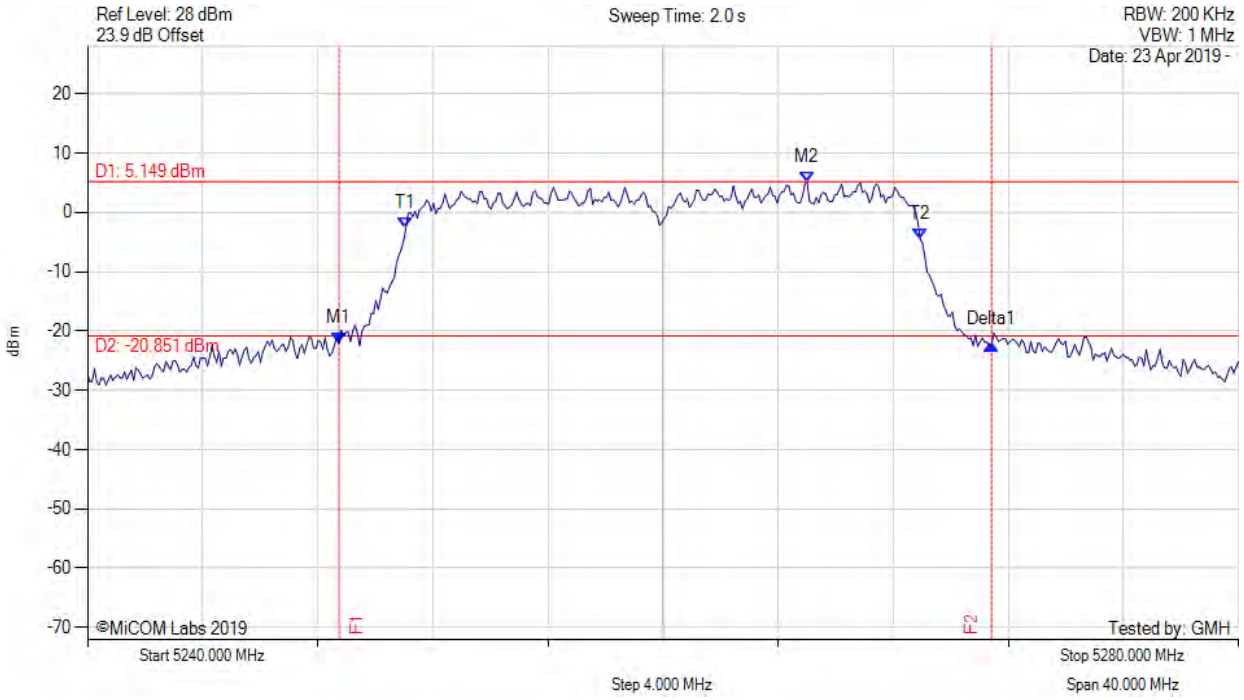


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5249.459 MHz : -22.724 dBm M2 : 5264.930 MHz : 4.691 dBm Delta1 : 22.766 MHz : 1.613 dB T1 : 5251.062 MHz : -2.895 dBm T2 : 5268.938 MHz : -3.724 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 22.766 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

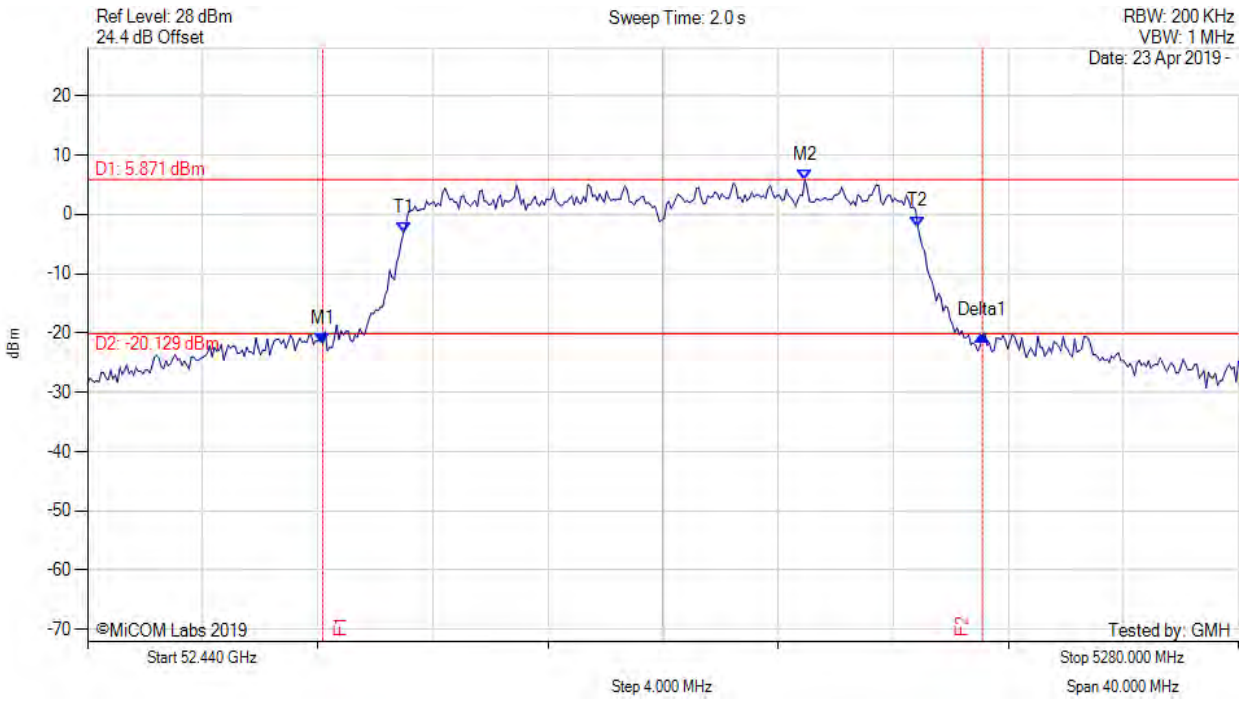


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5248.737 MHz : -22.099 dBm M2 : 5265.010 MHz : 5.149 dBm Delta1 : 22.685 MHz : -0.197 dB T1 : 5251.062 MHz : -2.732 dBm T2 : 5268.938 MHz : -4.536 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 22.685 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

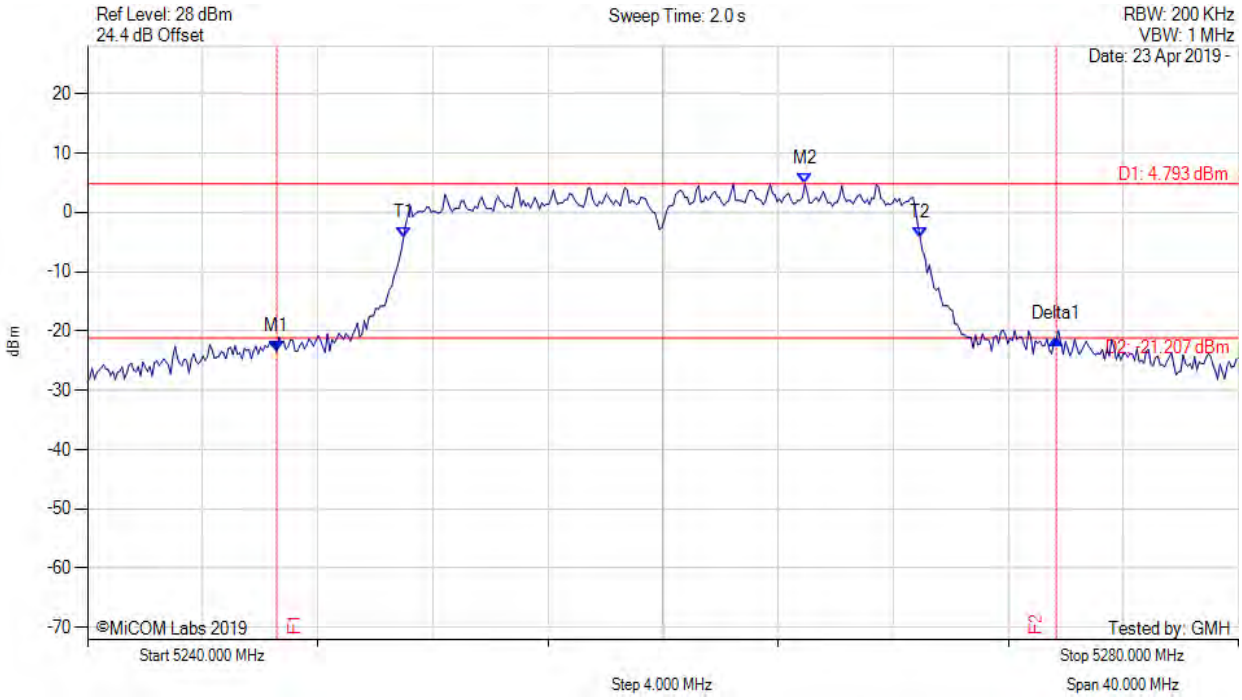


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5248.176 MHz : -21.800 dBm M2 : 5264.930 MHz : 5.871 dBm Delta1 : 22.926 MHz : 1.293 dB T1 : 5250.982 MHz : -3.080 dBm T2 : 5268.858 MHz : -2.067 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 22.926 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

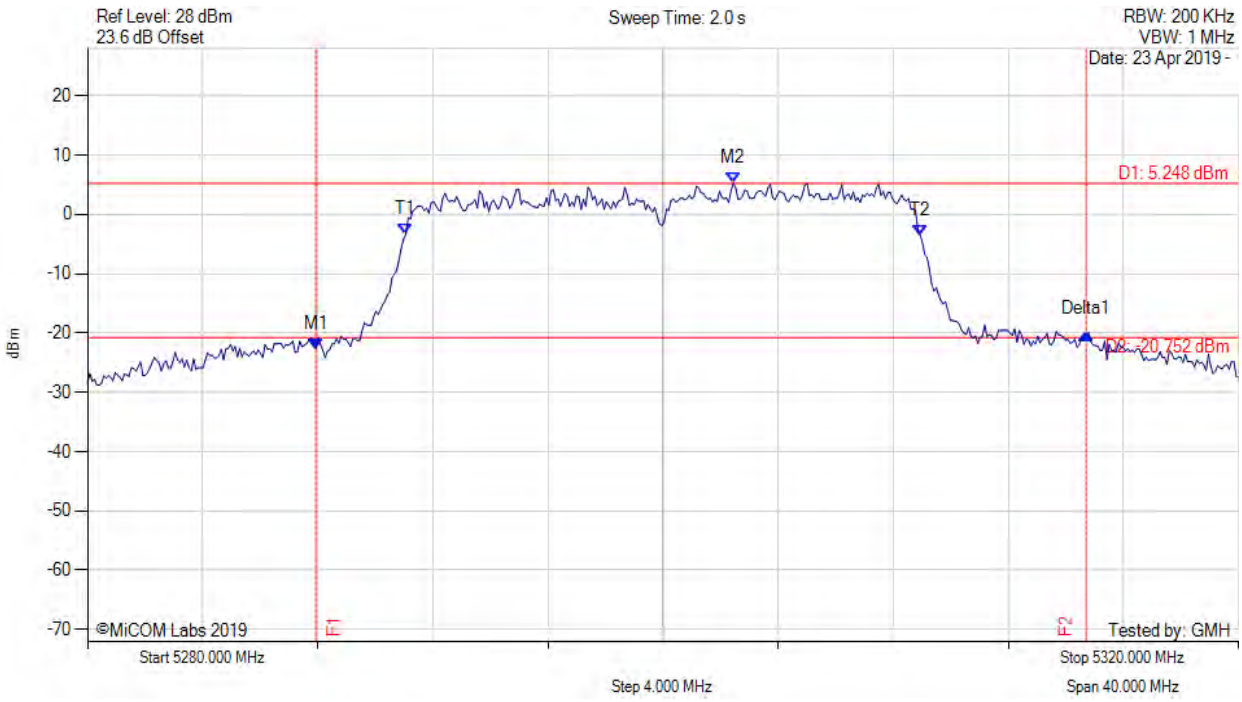


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5246.573 MHz : -23.537 dBm M2 : 5264.930 MHz : 4.793 dBm Delta1 : 27.094 MHz : 2.255 dB T1 : 5250.982 MHz : -4.229 dBm T2 : 5268.938 MHz : -4.213 dBm OBW : 17.956 MHz	Measured 26 dB Bandwidth: 27.094 MHz Measured 99% Bandwidth: 17.956 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5287.936 MHz : -22.648 dBm M2 : 5302.445 MHz : 5.248 dBm Delta1 : 26.774 MHz : 2.377 dB T1 : 5291.062 MHz : -3.415 dBm T2 : 5308.938 MHz : -3.531 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 26.774 MHz Measured 99% Bandwidth: 17.876 MHz

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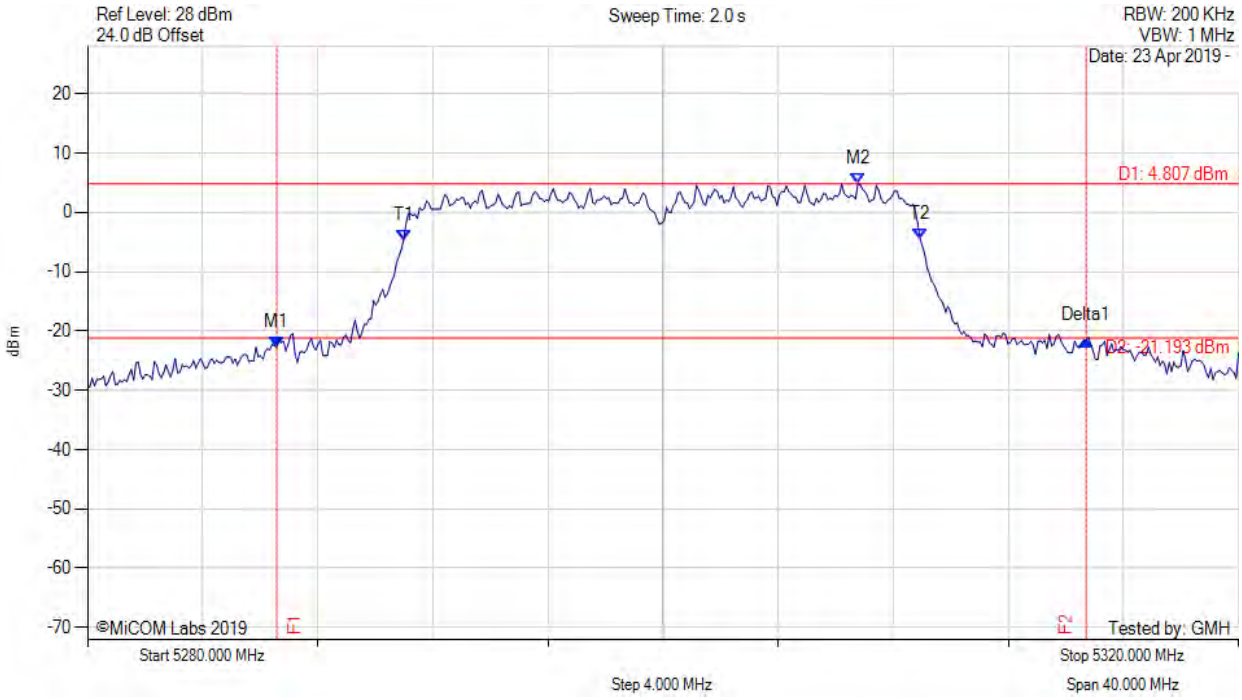
26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

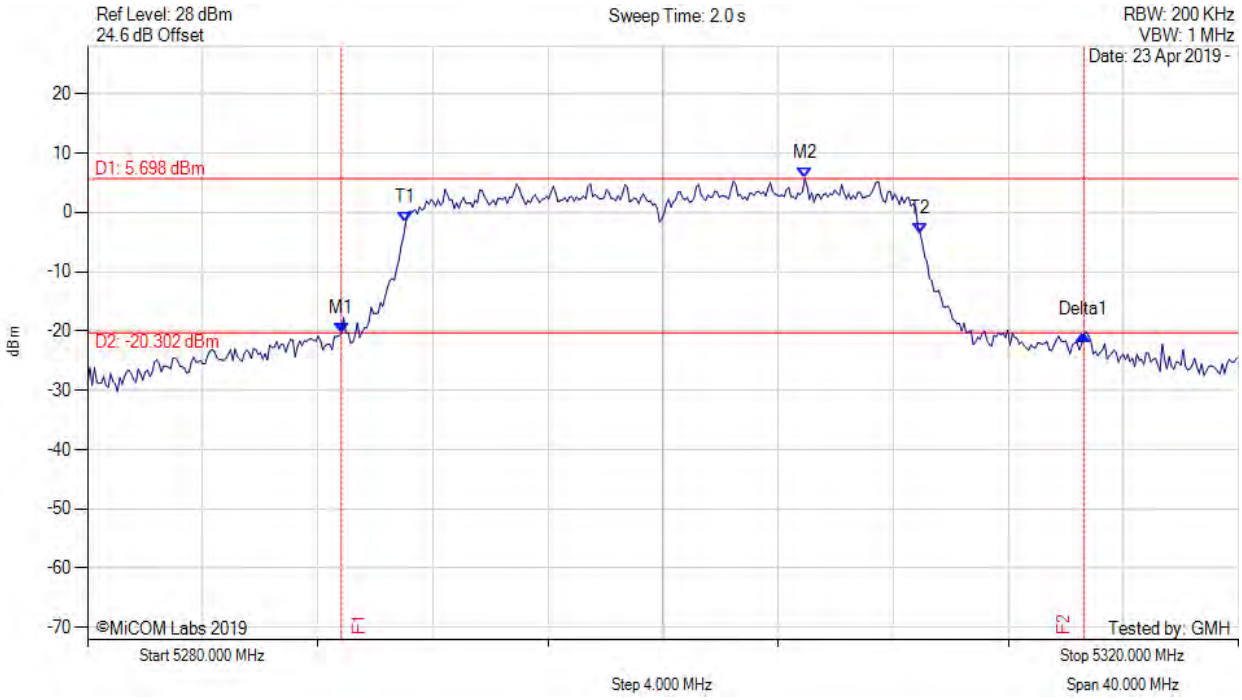


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5286.573 MHz : -22.695 dBm M2 : 5306.774 MHz : 4.807 dBm Delta1 : 28.136 MHz : 1.167 dB T1 : 5290.982 MHz : -4.688 dBm T2 : 5308.938 MHz : -4.556 dBm OBW : 17.956 MHz	Measured 26 dB Bandwidth: 28.136 MHz Measured 99% Bandwidth: 17.956 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

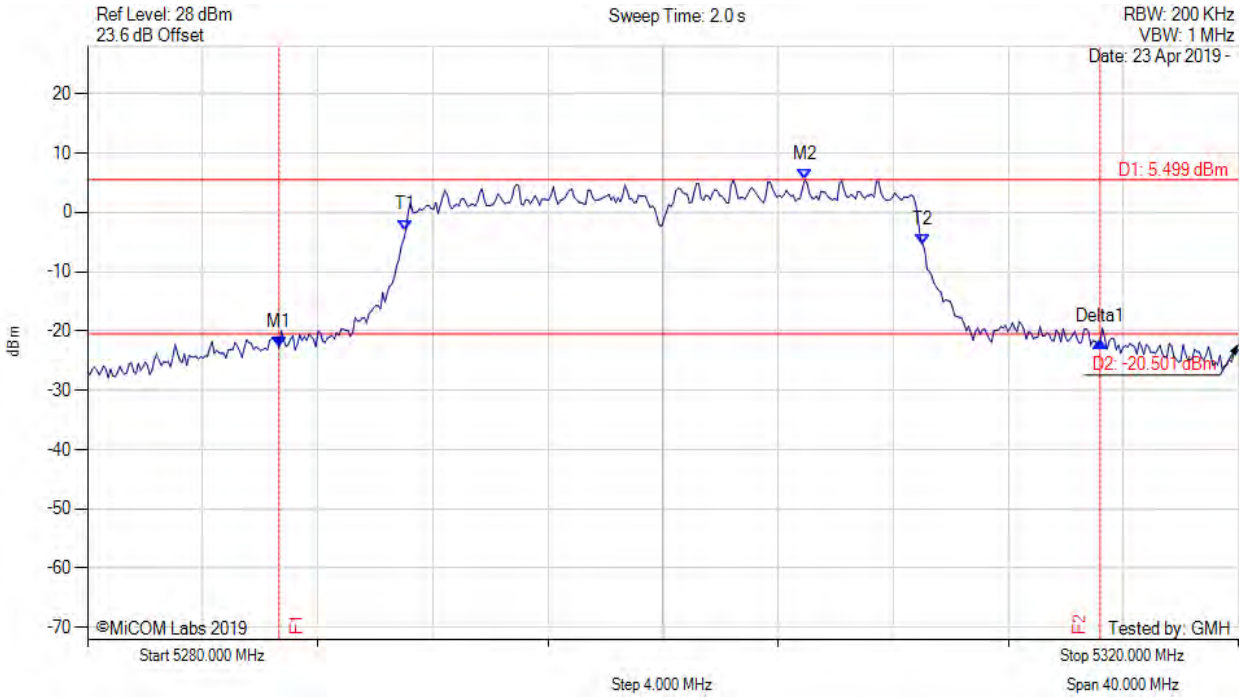


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5288.818 MHz : -20.438 dBm M2 : 5304.930 MHz : 5.698 dBm Delta1 : 25.812 MHz : -0.108 dB T1 : 5291.062 MHz : -1.642 dBm T2 : 5308.938 MHz : -3.566 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 25.812 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

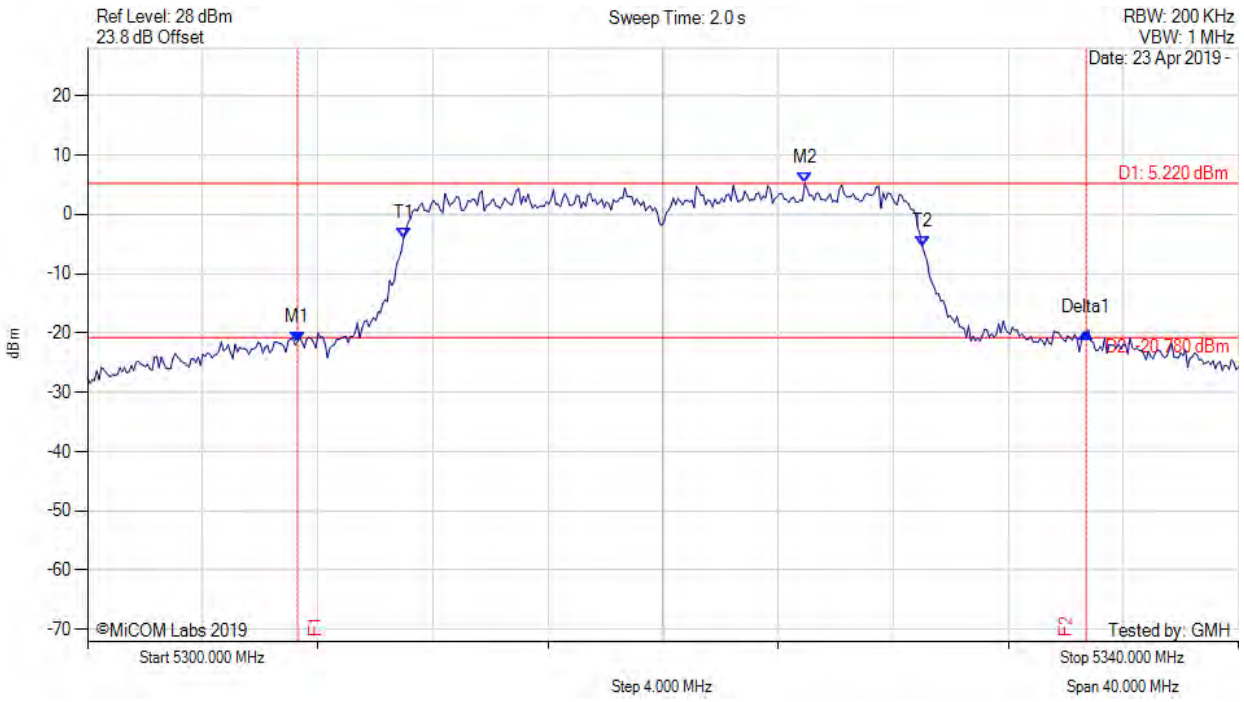


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5286.653 MHz : -22.811 dBm M2 : 5304.930 MHz : 5.499 dBm Delta1 : 28.537 MHz : 0.931 dB T1 : 5291.062 MHz : -2.994 dBm T2 : 5309.018 MHz : -5.347 dBm OBW : 17.956 MHz	Measured 26 dB Bandwidth: 28.537 MHz Measured 99% Bandwidth: 17.956 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5307.295 MHz : -21.514 dBm M2 : 5324.930 MHz : 5.220 dBm Delta1 : 27.415 MHz : 1.538 dB T1 : 5310.982 MHz : -4.076 dBm T2 : 5329.018 MHz : -5.431 dBm OBW : 18.036 MHz	Measured 26 dB Bandwidth: 27.415 MHz Measured 99% Bandwidth: 18.036 MHz

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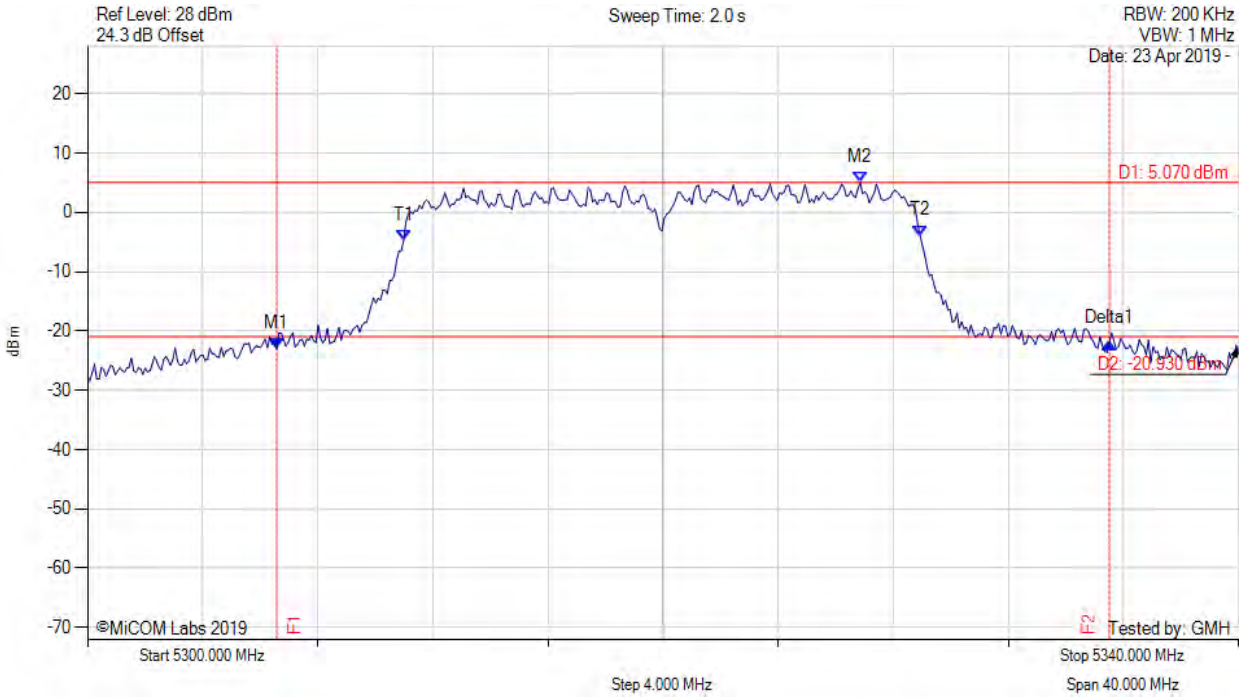
26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

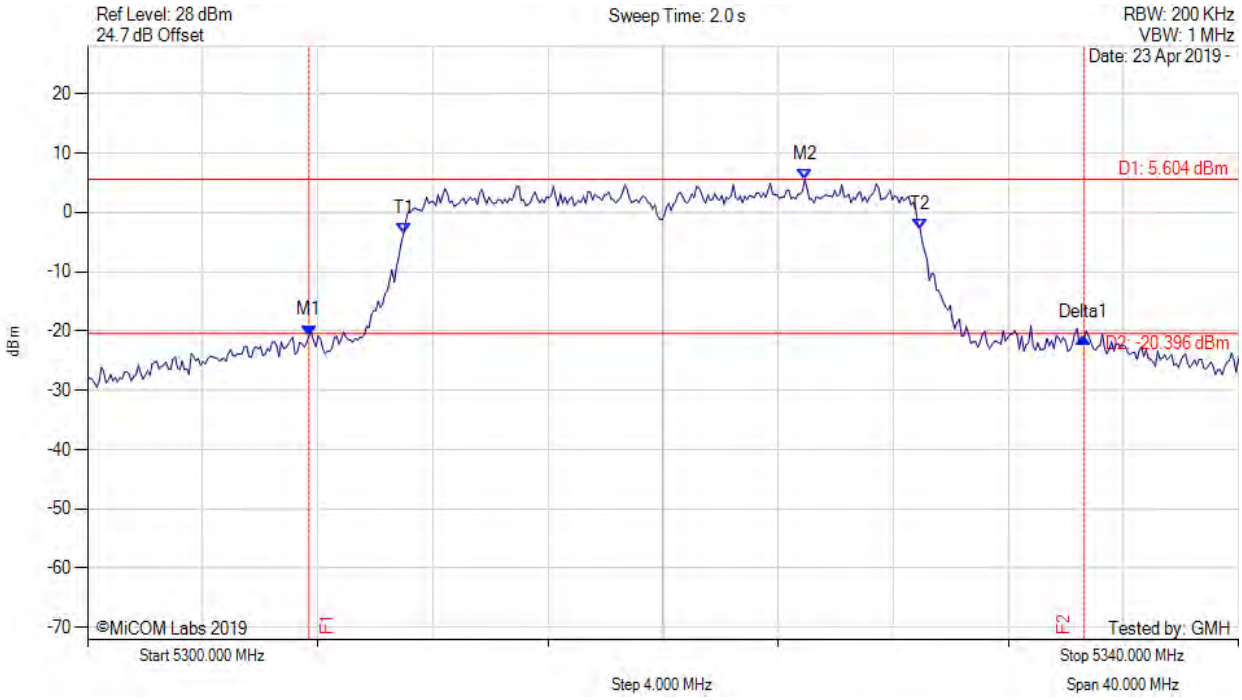


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5306.573 MHz : -23.008 dBm M2 : 5326.854 MHz : 5.070 dBm Delta1 : 28.938 MHz : 0.997 dB T1 : 5310.982 MHz : -4.737 dBm T2 : 5328.938 MHz : -3.936 dBm OBW : 17.956 MHz	Measured 26 dB Bandwidth: 28.938 MHz Measured 99% Bandwidth: 17.956 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

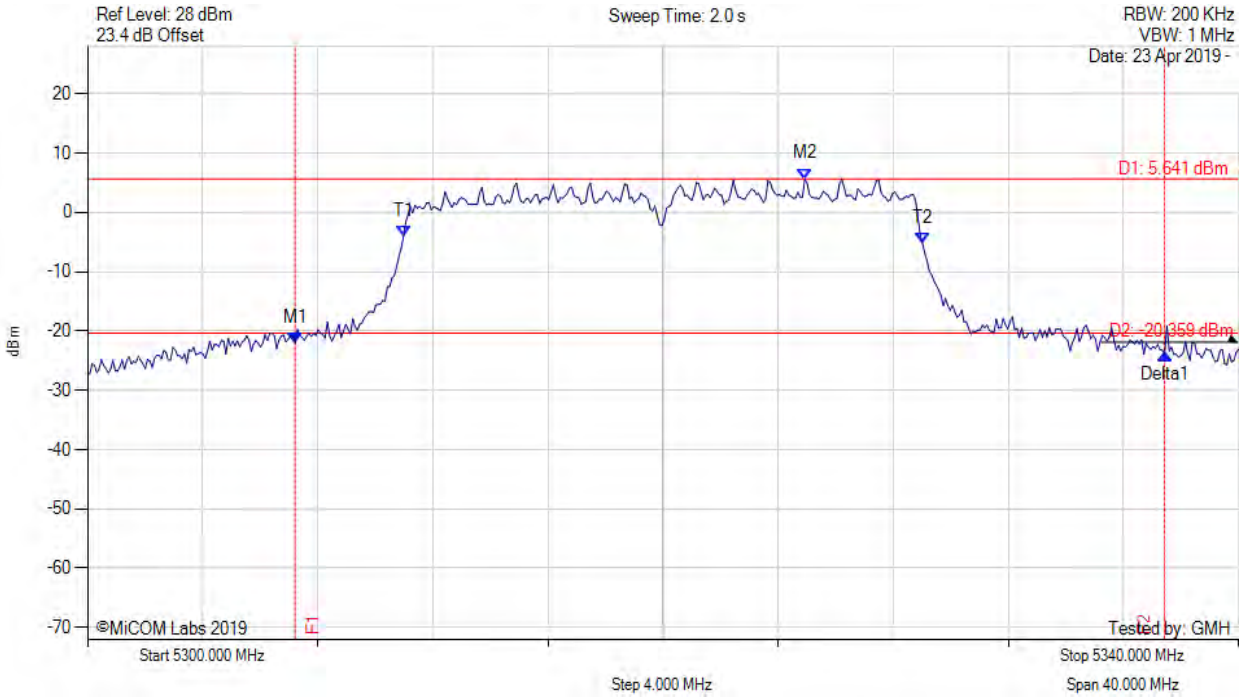


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5307.695 MHz : -20.755 dBm M2 : 5324.930 MHz : 5.604 dBm Delta1 : 26.934 MHz : -0.435 dB T1 : 5310.982 MHz : -3.615 dBm T2 : 5328.938 MHz : -2.866 dBm OBW : 17.956 MHz	Measured 26 dB Bandwidth: 26.934 MHz Measured 99% Bandwidth: 17.956 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

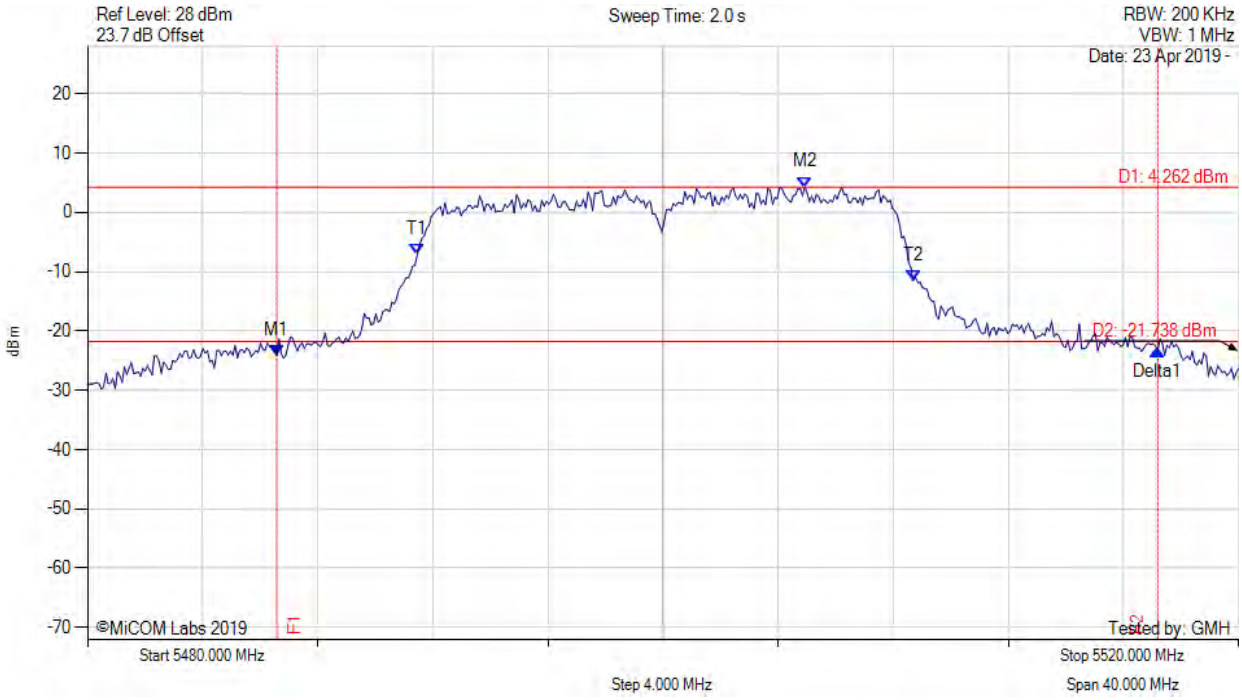


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5307.214 MHz : -22.053 dBm M2 : 5324.930 MHz : 5.641 dBm Delta1 : 30.220 MHz : -1.769 dB T1 : 5310.982 MHz : -4.007 dBm T2 : 5329.018 MHz : -5.185 dBm OBW : 18.036 MHz	Measured 26 dB Bandwidth: 30.220 MHz Measured 99% Bandwidth: 18.036 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

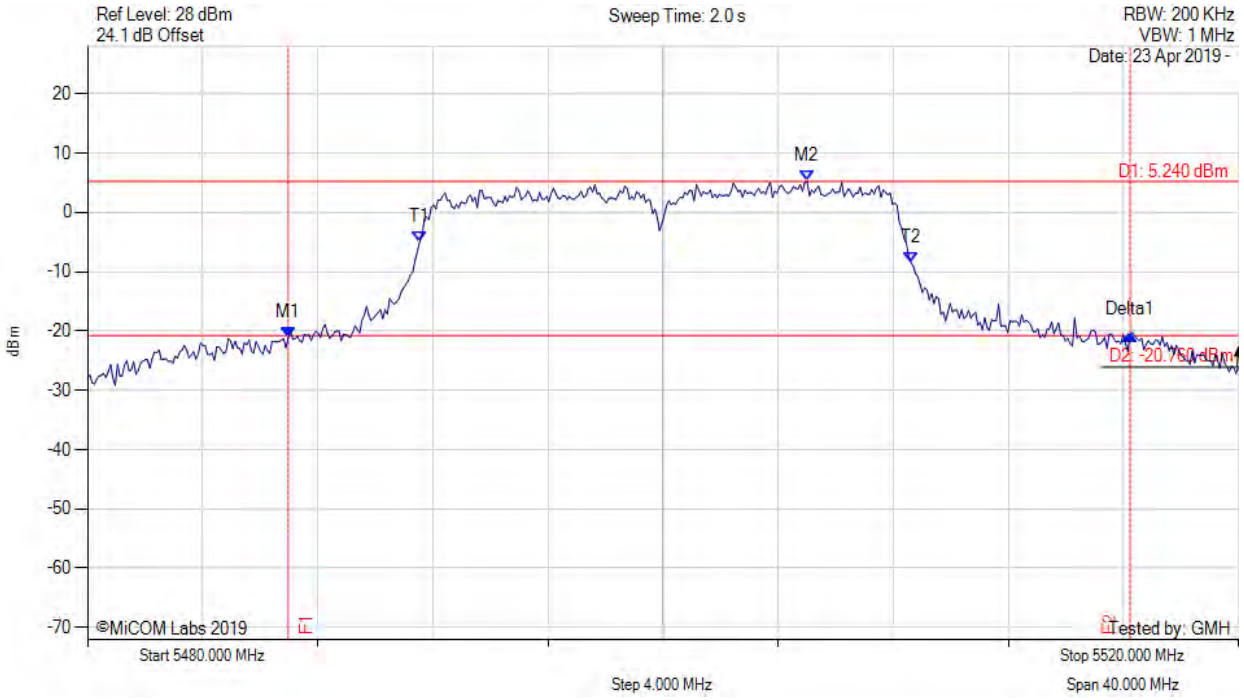


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5486.573 MHz : -24.149 dBm M2 : 5504.930 MHz : 4.262 dBm Delta1 : 30.621 MHz : 0.862 dB T1 : 5491.463 MHz : -7.070 dBm T2 : 5508.697 MHz : -11.528 dBm OBW : 17.234 MHz	Measured 26 dB Bandwidth: 30.621 MHz Measured 99% Bandwidth: 17.234 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

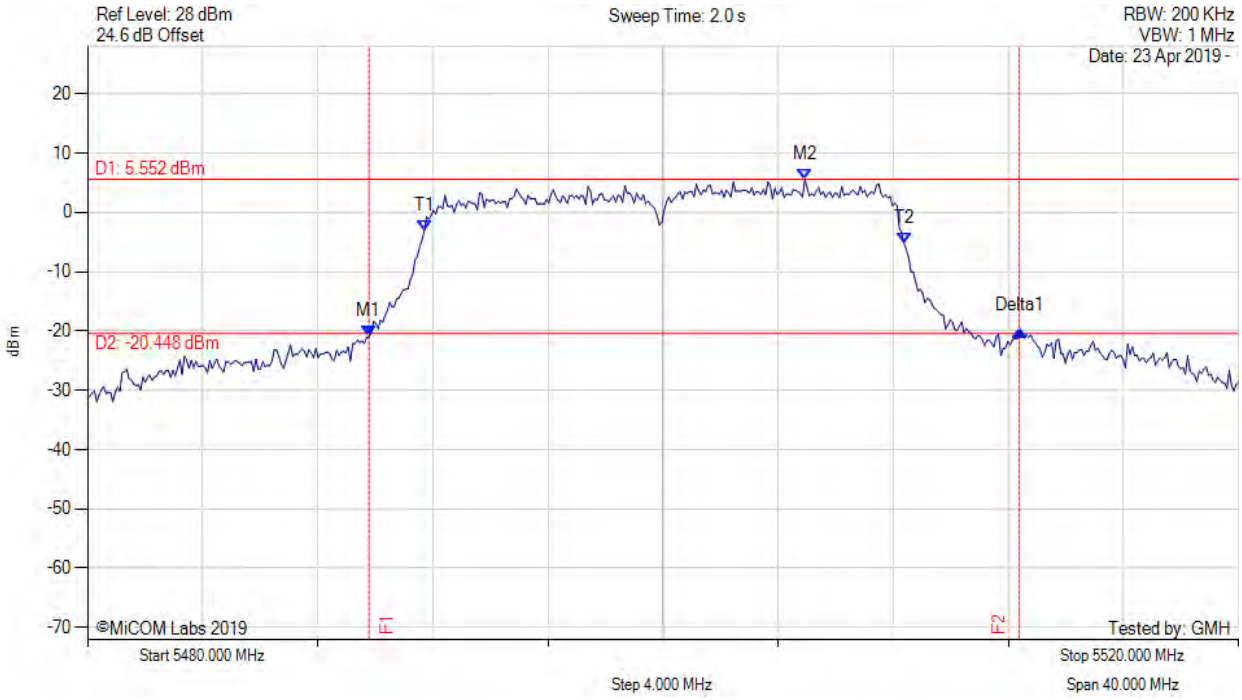


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5486.974 MHz : -21.174 dBm M2 : 5505.010 MHz : 5.240 dBm Delta1 : 29.259 MHz : 0.435 dB T1 : 5491.543 MHz : -4.918 dBm T2 : 5508.617 MHz : -8.477 dBm OBW : 17.074 MHz	Measured 26 dB Bandwidth: 29.259 MHz Measured 99% Bandwidth: 17.074 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

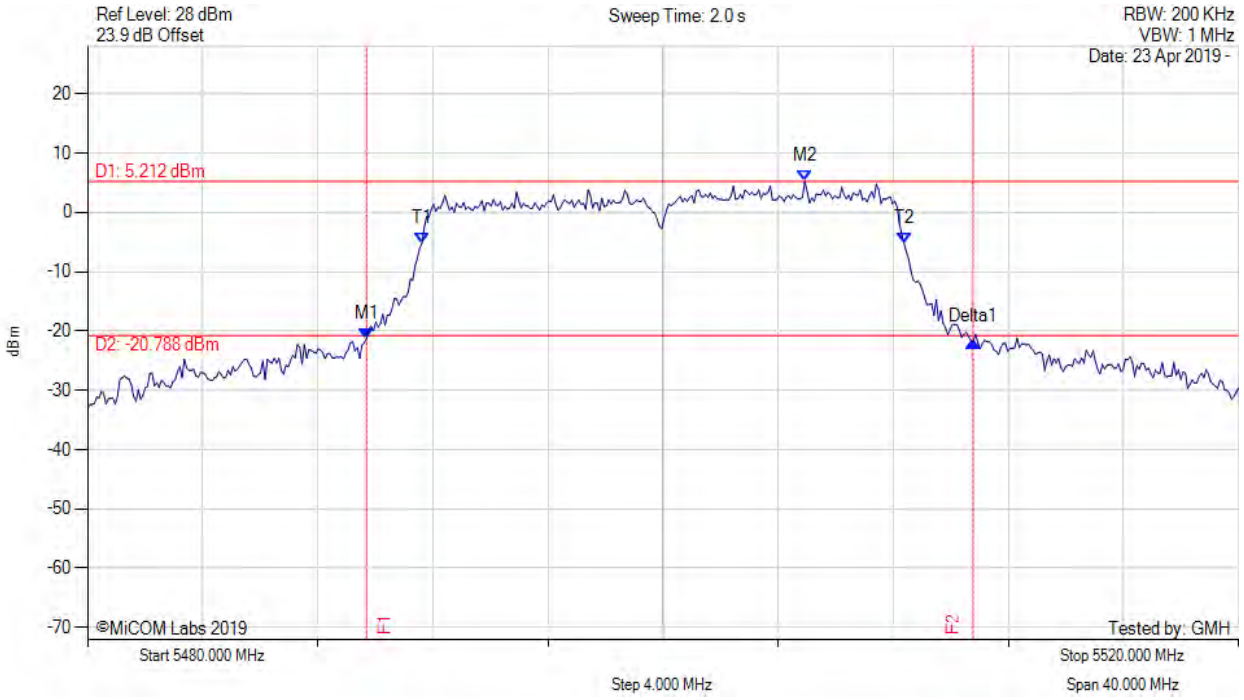


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5489.780 MHz : -20.942 dBm M2 : 5504.930 MHz : 5.552 dBm Delta1 : 22.605 MHz : 1.045 dB T1 : 5491.703 MHz : -3.147 dBm T2 : 5508.377 MHz : -5.181 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 22.605 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

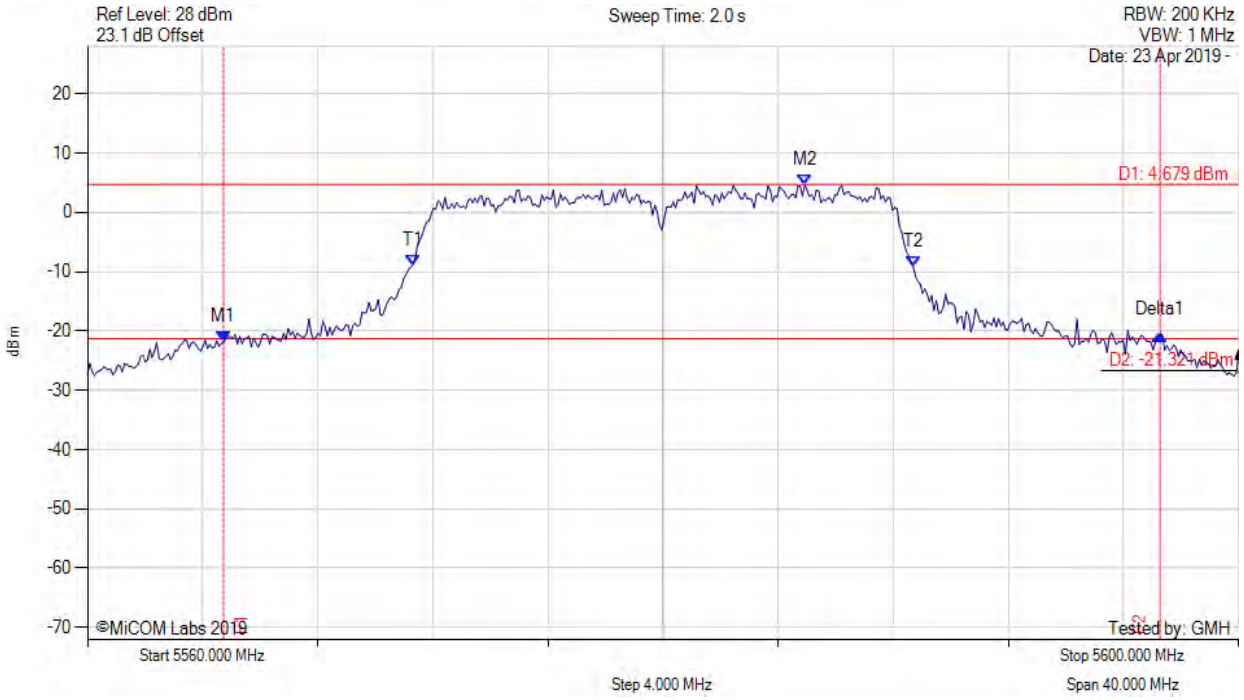


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5489.699 MHz : -21.316 dBm M2 : 5504.930 MHz : 5.212 dBm Delta1 : 21.082 MHz : -0.401 dB T1 : 5491.623 MHz : -5.170 dBm T2 : 5508.377 MHz : -5.118 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 21.082 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

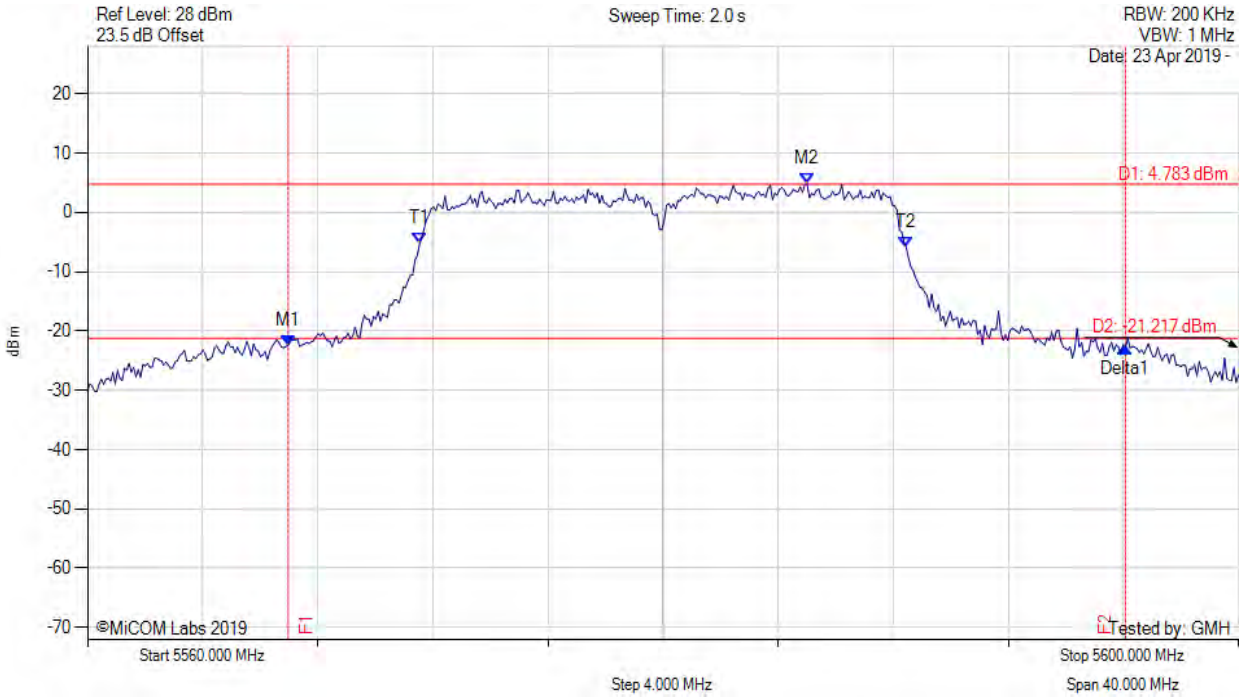


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5564.729 MHz : -21.847 dBm M2 : 5584.930 MHz : 4.679 dBm Delta1 : 32.545 MHz : 1.200 dB T1 : 5571.303 MHz : -8.880 dBm T2 : 5588.697 MHz : -9.220 dBm OBW : 17.395 MHz	Measured 26 dB Bandwidth: 32.545 MHz Measured 99% Bandwidth: 17.395 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

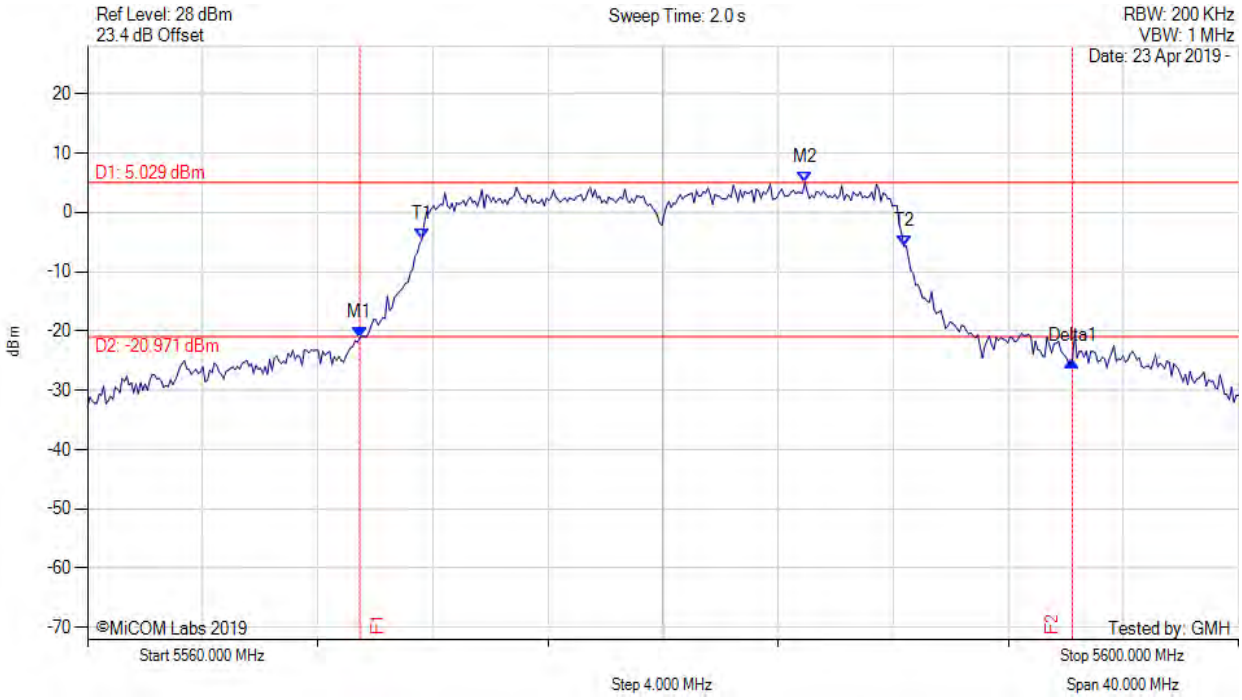


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5566.974 MHz : -22.415 dBm M2 : 5585.010 MHz : 4.783 dBm Delta1 : 29.098 MHz : -0.362 dB T1 : 5571.543 MHz : -5.172 dBm T2 : 5588.457 MHz : -5.970 dBm OBW : 16.914 MHz	Measured 26 dB Bandwidth: 29.098 MHz Measured 99% Bandwidth: 16.914 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

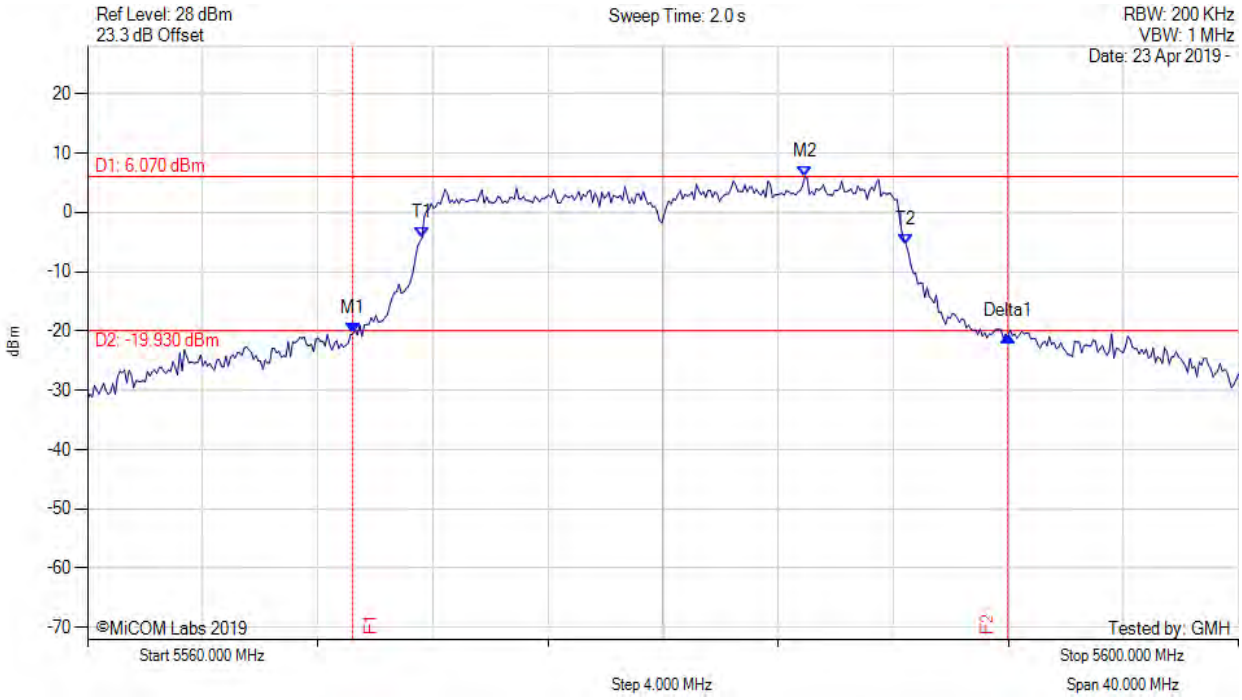


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5569.459 MHz : -21.154 dBm M2 : 5584.930 MHz : 5.029 dBm Delta1 : 24.770 MHz : -3.836 dB T1 : 5571.623 MHz : -4.601 dBm T2 : 5588.377 MHz : -5.691 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 24.770 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

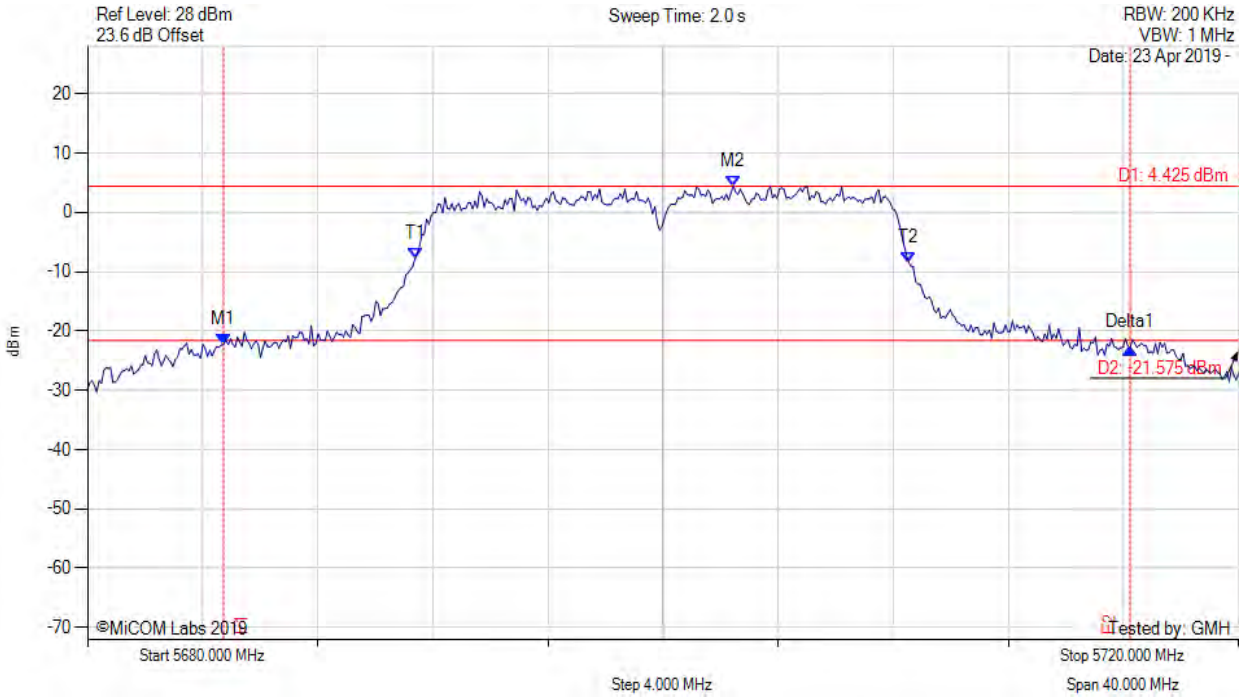


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5569.218 MHz : -20.499 dBm M2 : 5584.930 MHz : 6.070 dBm Delta1 : 22.766 MHz : -0.439 dB T1 : 5571.623 MHz : -4.345 dBm T2 : 5588.457 MHz : -5.549 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 22.766 MHz Measured 99% Bandwidth: 16.834 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

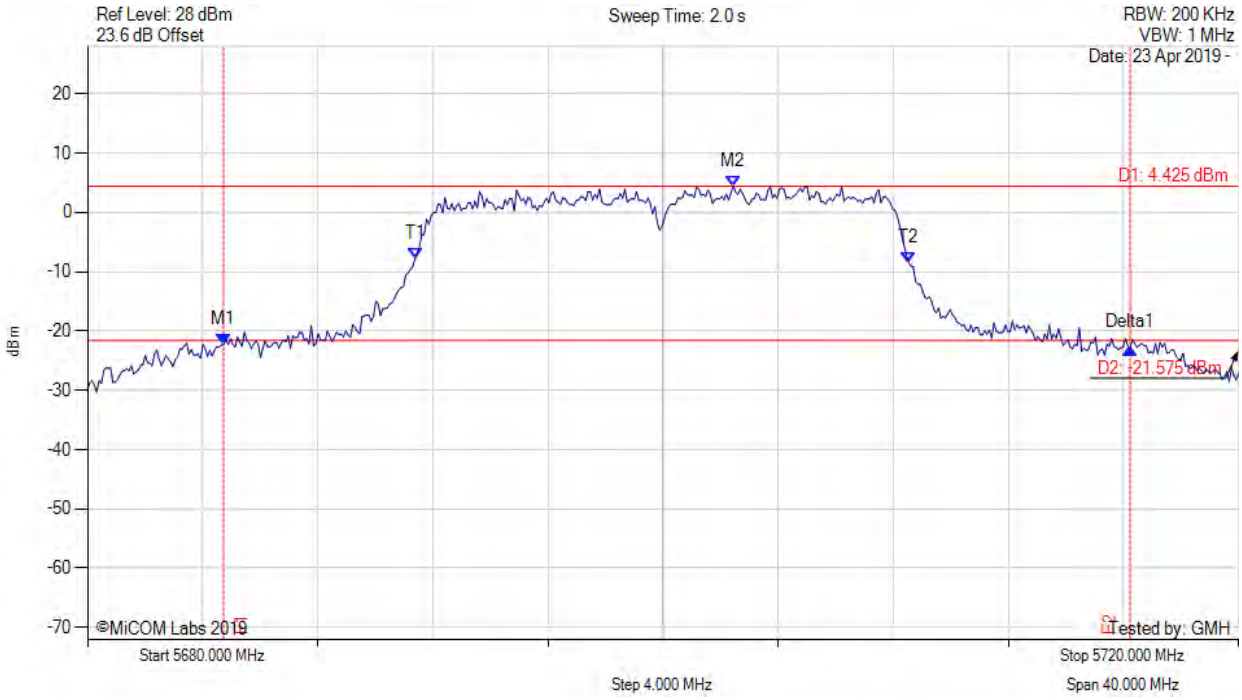


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5684.729 MHz : -22.297 dBm M2 : 5702.445 MHz : 4.425 dBm Delta1 : 31.503 MHz : -0.574 dB T1 : 5691.383 MHz : -7.788 dBm T2 : 5708.537 MHz : -8.420 dBm OBW : 17.154 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

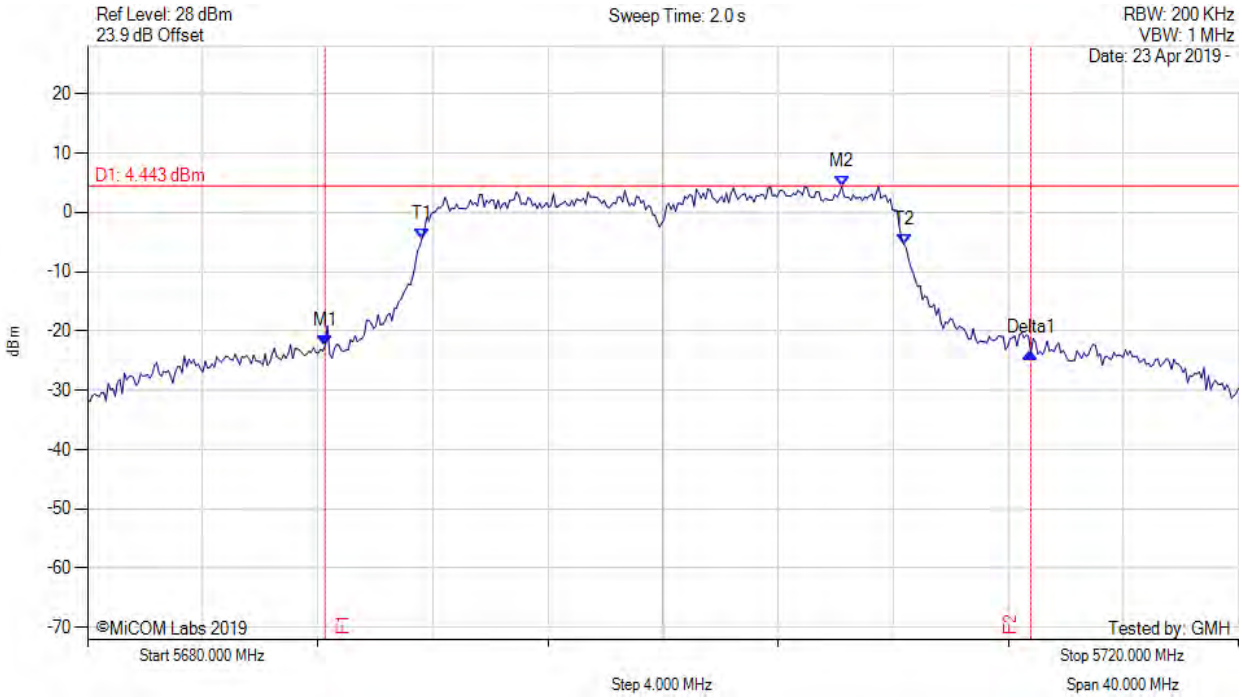


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5684.729 MHz : -22.297 dBm M2 : 5702.445 MHz : 4.425 dBm Delta1 : 31.503 MHz : -0.574 dB T1 : 5691.383 MHz : -7.788 dBm T2 : 5708.537 MHz : -8.420 dBm OBW : 17.154 MHz	Measured 26 dB Bandwidth: 31.503 MHz Measured 99% Bandwidth: 17.154 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

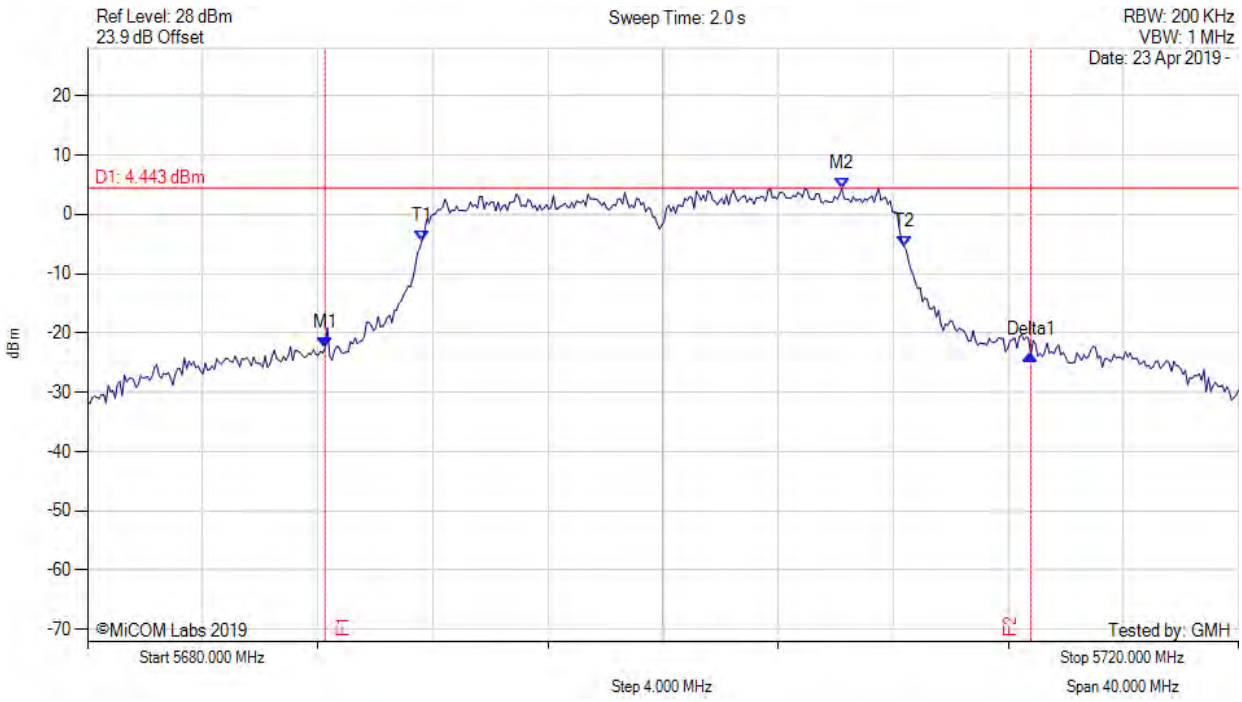


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5688.257 MHz : -22.435 dBm M2 : 5706.212 MHz : 4.443 dBm Delta1 : 24.529 MHz : -1.328 dB T1 : 5691.623 MHz : -4.483 dBm T2 : 5708.377 MHz : -5.394 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 24.529 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

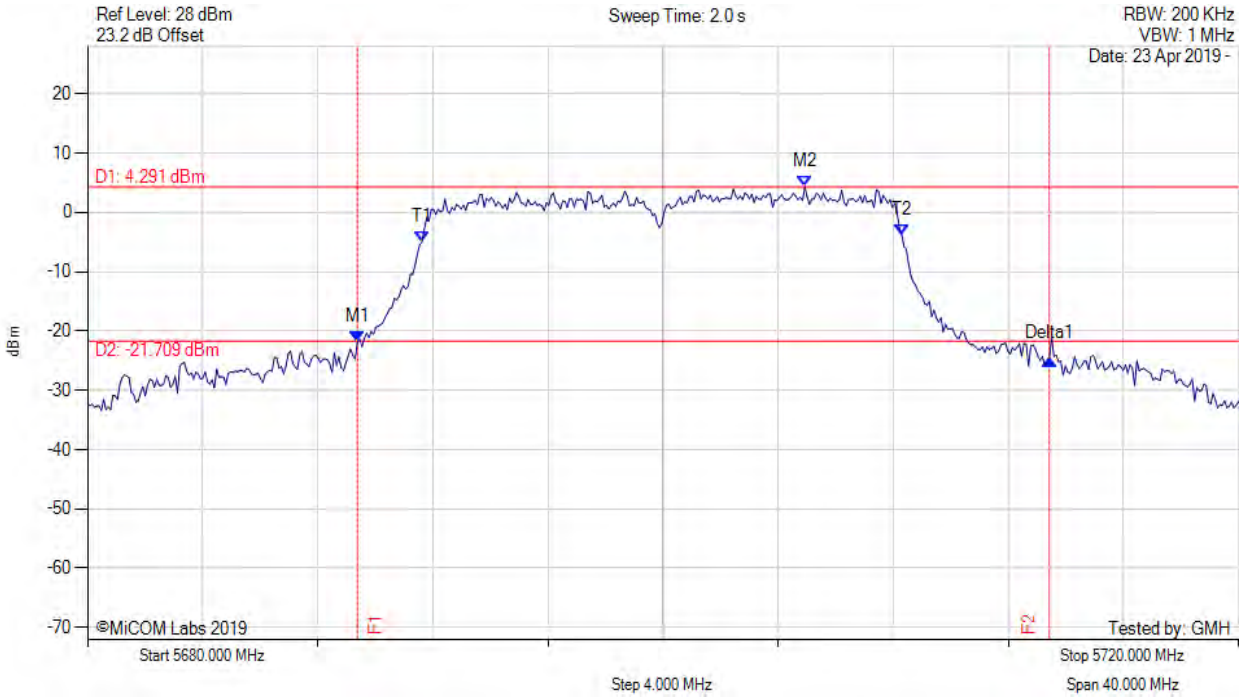


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5688.257 MHz : -22.435 dBm M2 : 5706.212 MHz : 4.443 dBm Delta1 : 24.529 MHz : -1.328 dB T1 : 5691.623 MHz : -4.483 dBm T2 : 5708.377 MHz : -5.394 dBm OBW : 16.754 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

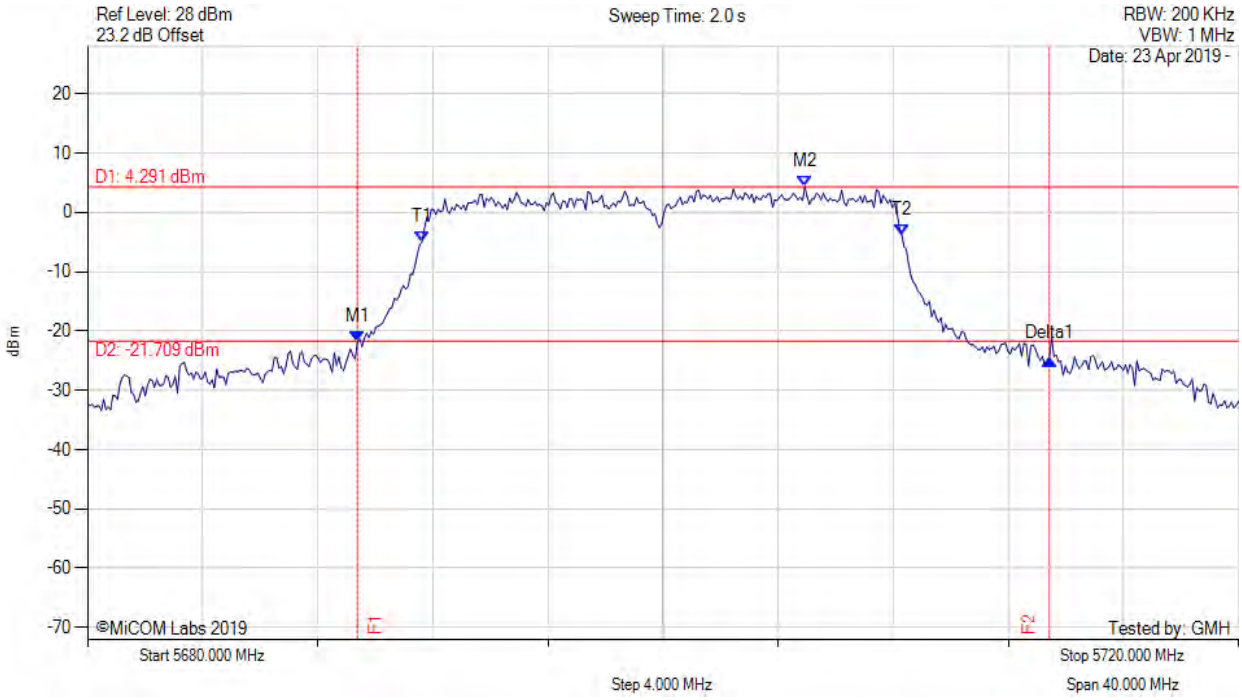


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.379 MHz : -21.894 dBm M2 : 5704.930 MHz : 4.291 dBm Delta1 : 24.048 MHz : -2.849 dB T1 : 5691.623 MHz : -5.022 dBm T2 : 5708.297 MHz : -3.741 dBm OBW : 16.673 MHz	Measured 26 dB Bandwidth: 24.048 MHz Measured 99% Bandwidth: 16.673 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

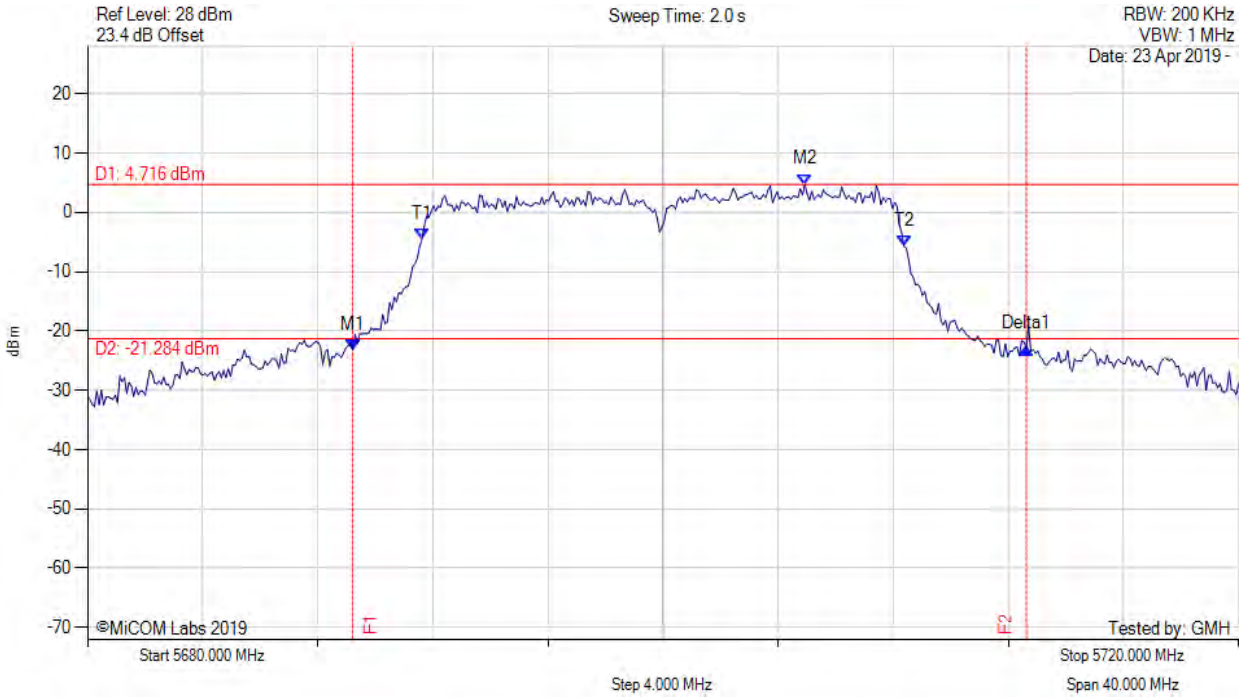


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.379 MHz : -21.894 dBm M2 : 5704.930 MHz : 4.291 dBm Delta1 : 24.048 MHz : -2.849 dB T1 : 5691.623 MHz : -5.022 dBm T2 : 5708.297 MHz : -3.741 dBm OBW : 16.673 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

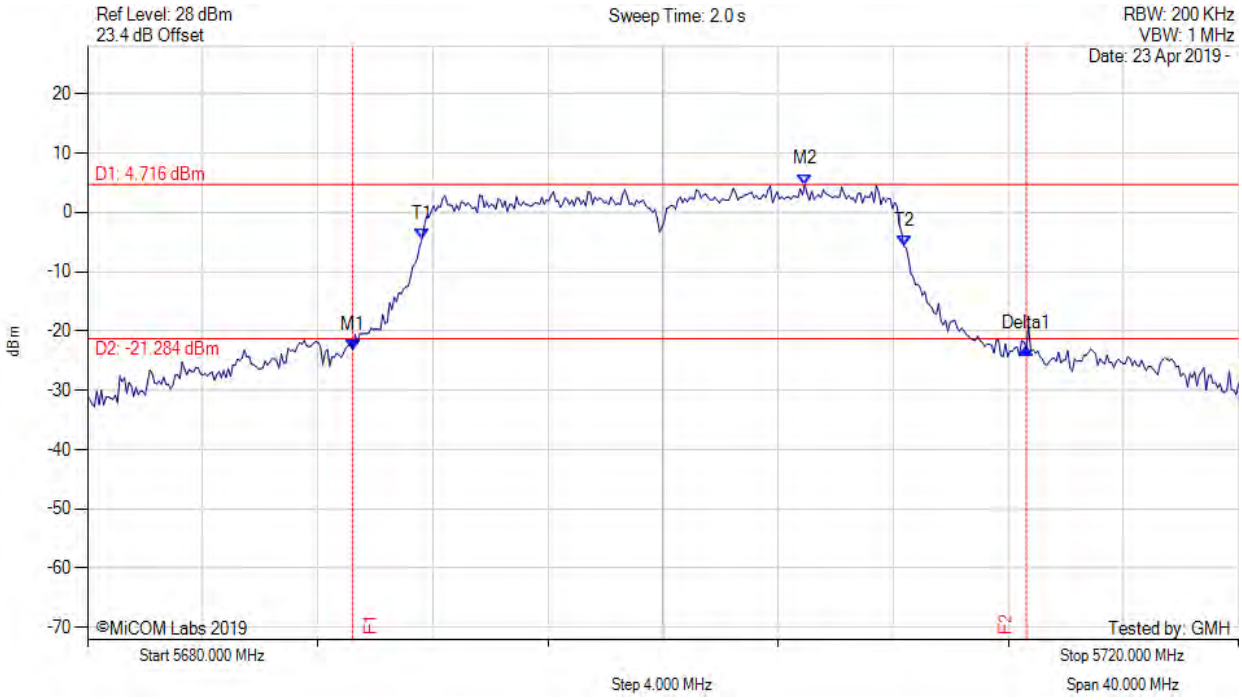


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.218 MHz : -23.167 dBm M2 : 5704.930 MHz : 4.716 dBm Delta1 : 23.407 MHz : 0.268 dB T1 : 5691.623 MHz : -4.552 dBm T2 : 5708.377 MHz : -5.687 dBm OBW : 16.754 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

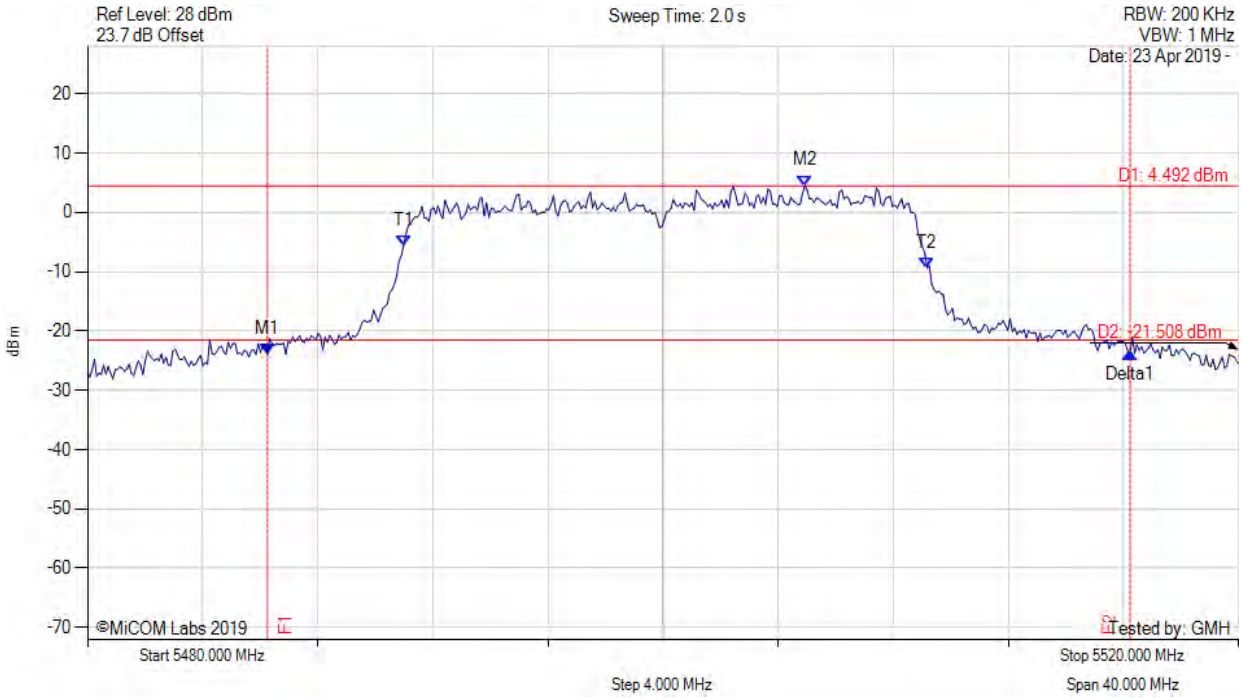


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.218 MHz : -23.167 dBm M2 : 5704.930 MHz : 4.716 dBm Delta1 : 23.407 MHz : 0.268 dB T1 : 5691.623 MHz : -4.552 dBm T2 : 5708.377 MHz : -5.687 dBm OBW : 16.754 MHz	Measured 26 dB Bandwidth: 23.407 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

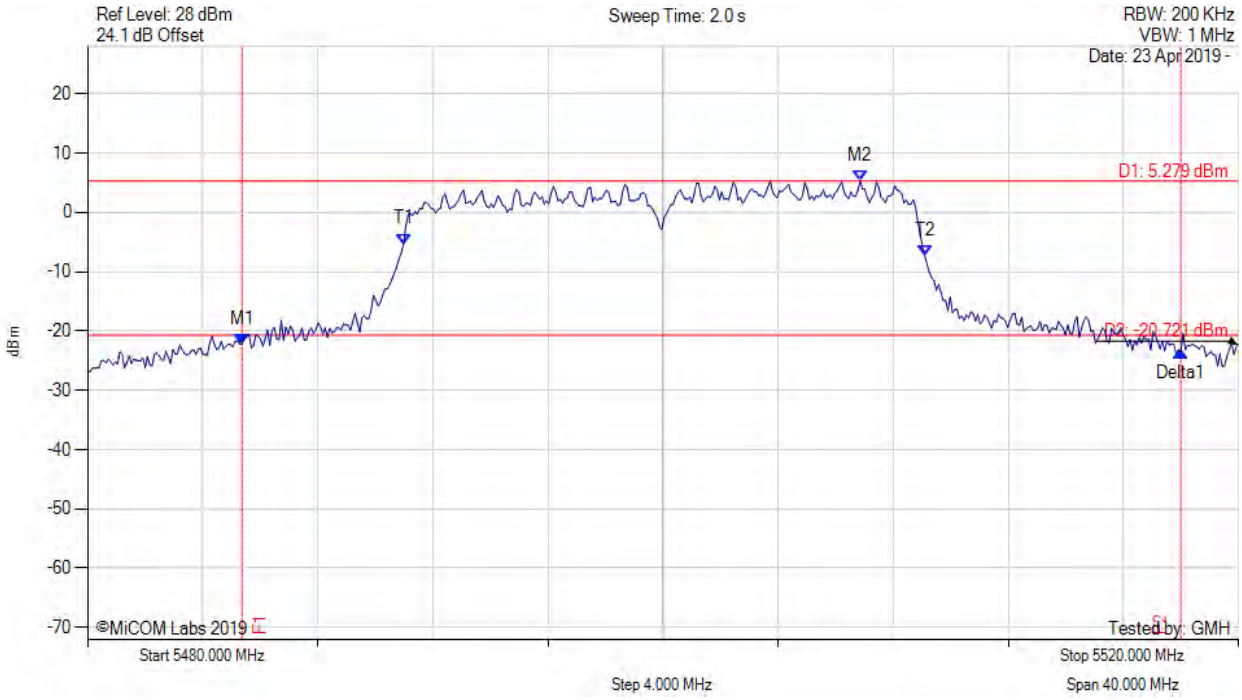


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5486.253 MHz : -23.838 dBm M2 : 5504.930 MHz : 4.492 dBm Delta1 : 29.980 MHz : 0.112 dB T1 : 5490.982 MHz : -5.600 dBm T2 : 5509.178 MHz : -9.362 dBm OBW : 18.196 MHz	Measured 26 dB Bandwidth: 29.980 MHz Measured 99% Bandwidth: 18.196 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

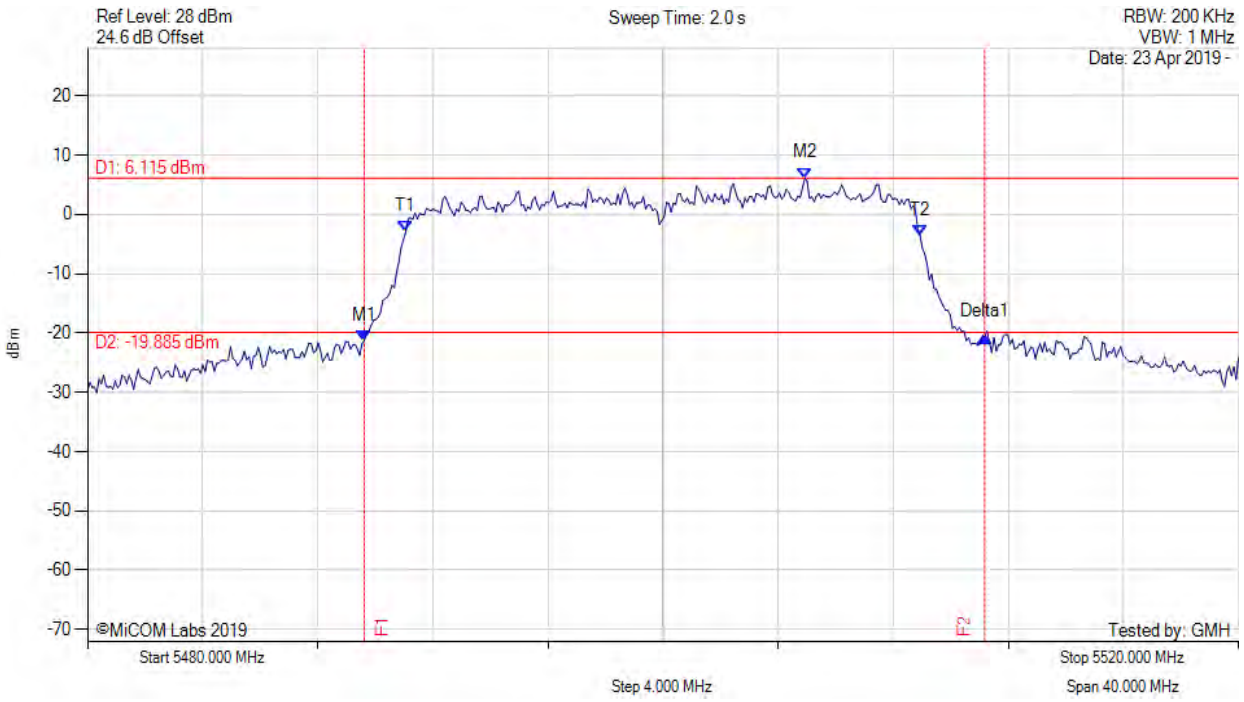


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5485.371 MHz : -22.211 dBm M2 : 5506.854 MHz : 5.279 dBm Delta1 : 32.625 MHz : -1.212 dB T1 : 5490.982 MHz : -5.323 dBm T2 : 5509.098 MHz : -7.255 dBm OBW : 18.116 MHz	Measured 26 dB Bandwidth: 32.625 MHz Measured 99% Bandwidth: 18.116 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

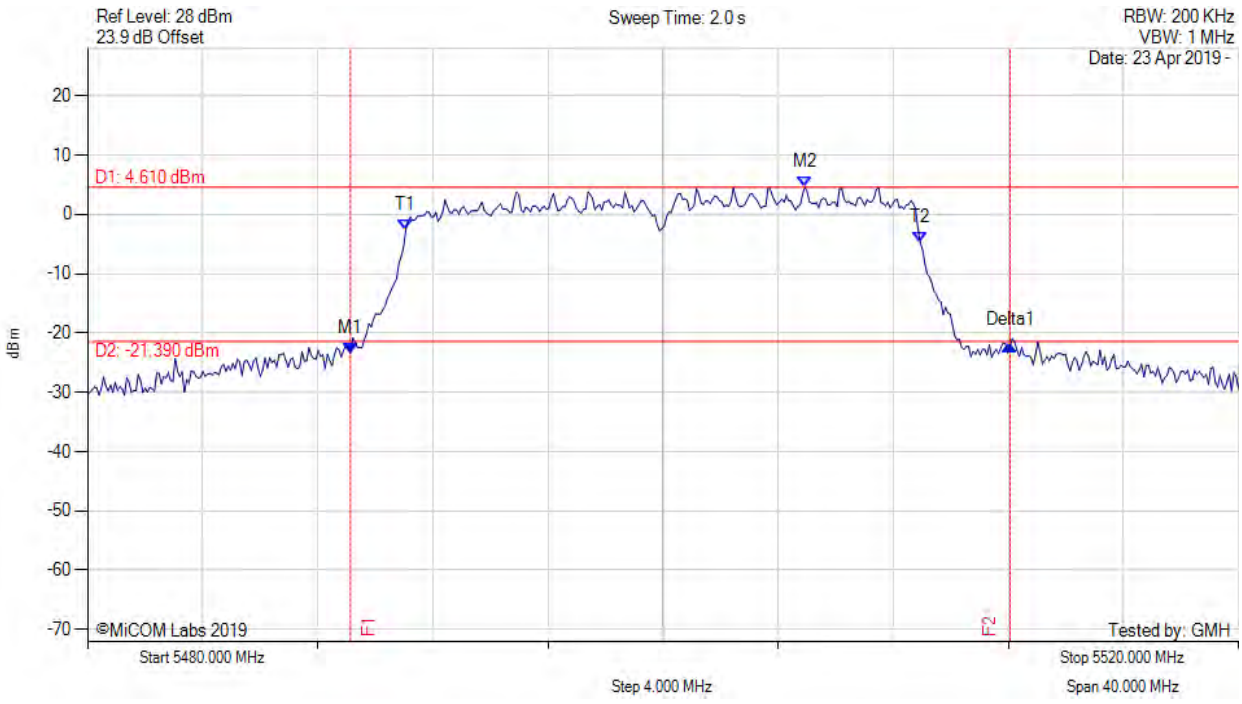


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5489.619 MHz : -21.251 dBm M2 : 5504.930 MHz : 6.115 dBm Delta1 : 21.563 MHz : 0.632 dB T1 : 5491.062 MHz : -2.933 dBm T2 : 5508.938 MHz : -3.625 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 21.563 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

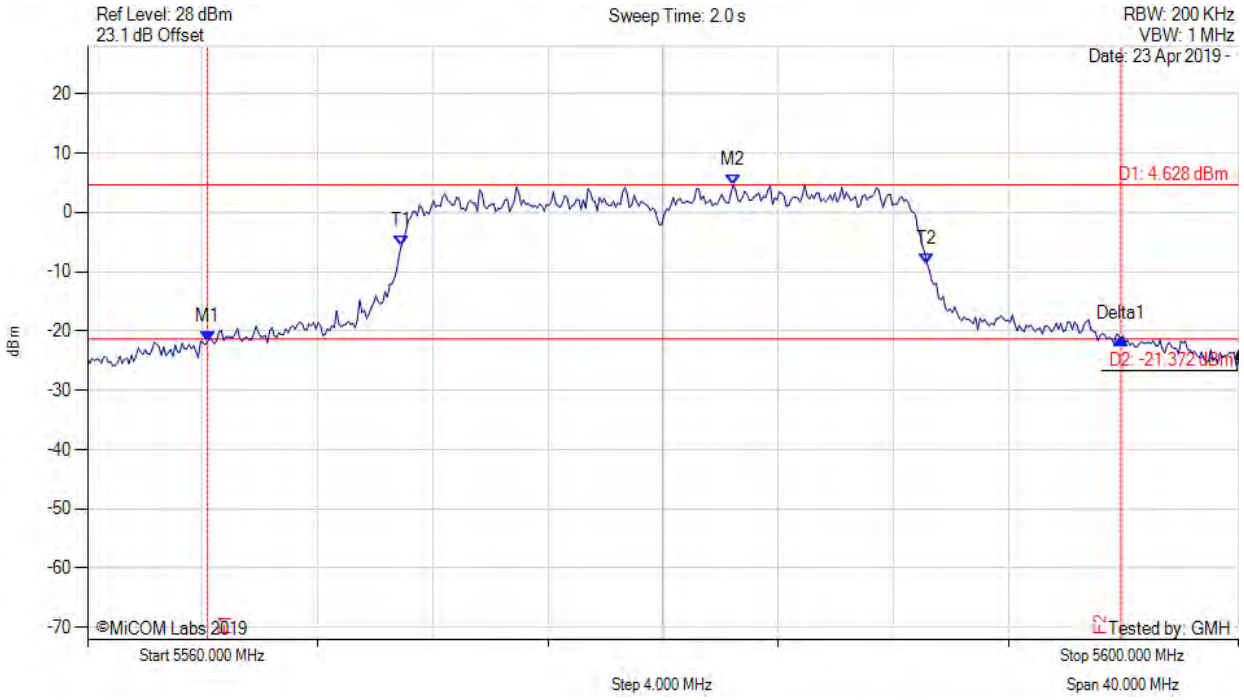


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5489.138 MHz : -23.409 dBm M2 : 5504.930 MHz : 4.610 dBm Delta1 : 22.926 MHz : 1.387 dB T1 : 5491.062 MHz : -2.565 dBm T2 : 5508.938 MHz : -4.699 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 22.926 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

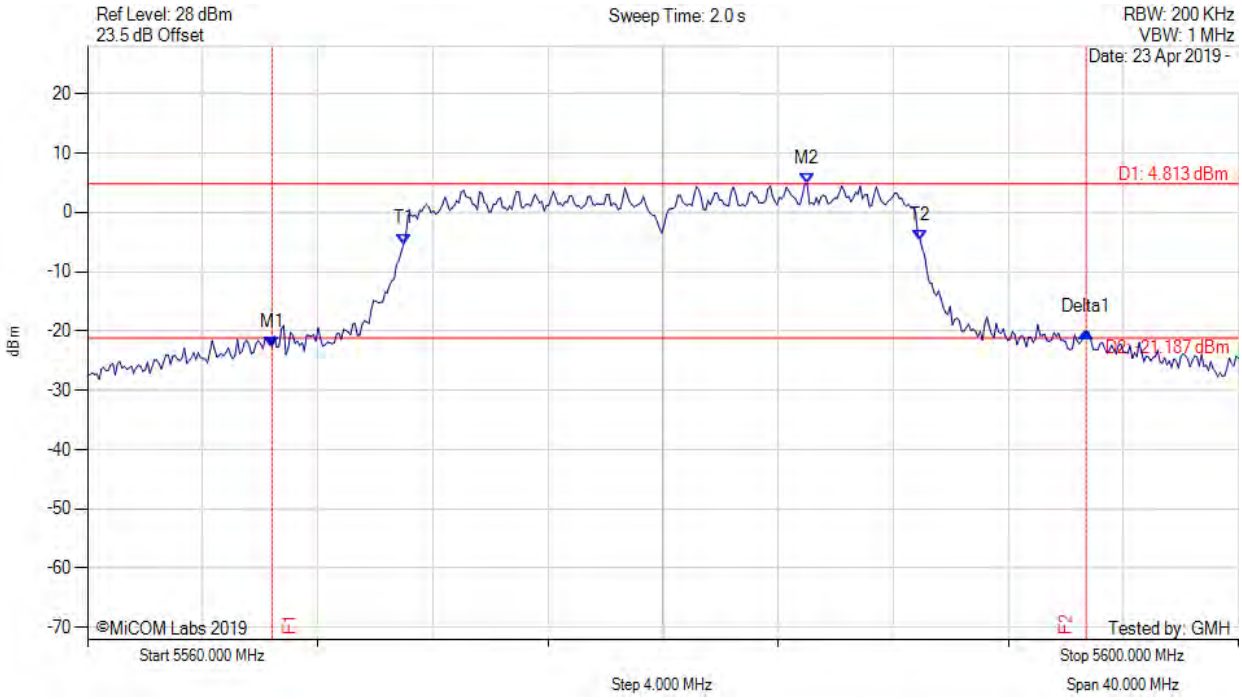


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5564.168 MHz : -21.798 dBm M2 : 5582.445 MHz : 4.628 dBm Delta1 : 31.743 MHz : 0.498 dB T1 : 5570.902 MHz : -5.679 dBm T2 : 5589.178 MHz : -8.695 dBm OBW : 18.277 MHz	Measured 26 dB Bandwidth: 31.743 MHz Measured 99% Bandwidth: 18.277 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

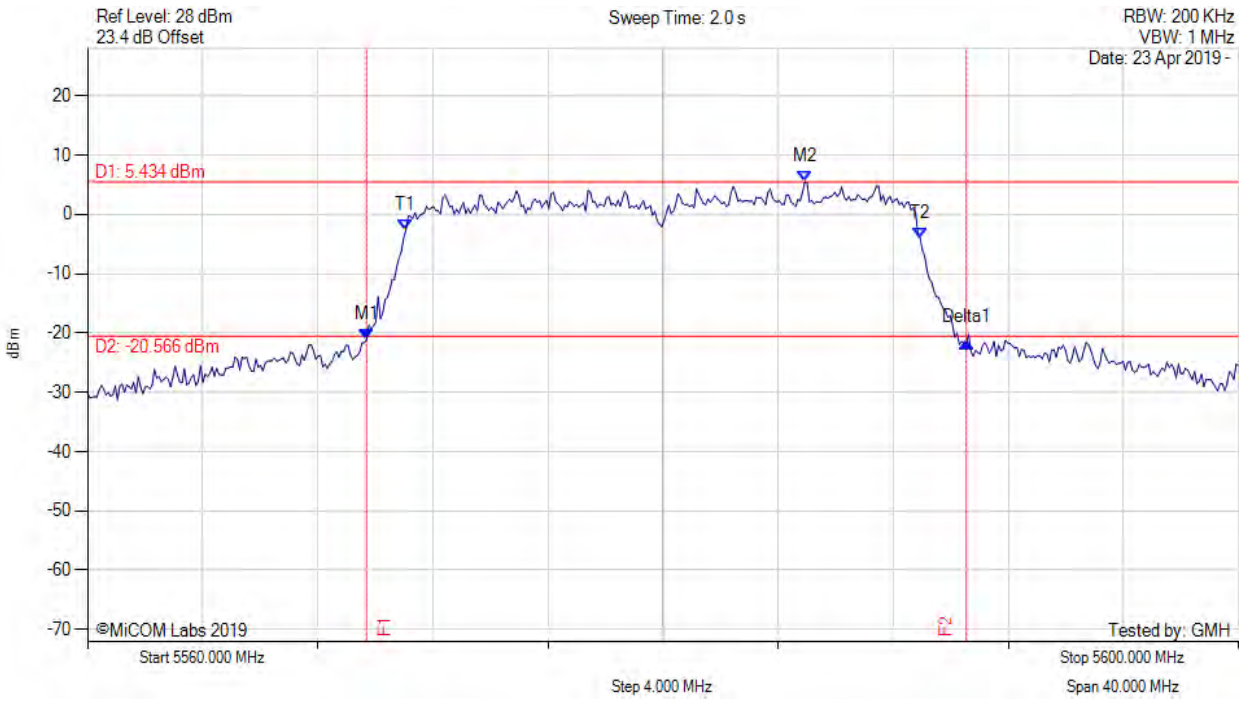


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5566.413 MHz : -22.711 dBm M2 : 5585.010 MHz : 4.813 dBm Delta1 : 28.297 MHz : 2.565 dB T1 : 5570.982 MHz : -5.329 dBm T2 : 5588.938 MHz : -4.648 dBm OBW : 17.956 MHz	Measured 26 dB Bandwidth: 28.297 MHz Measured 99% Bandwidth: 17.956 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

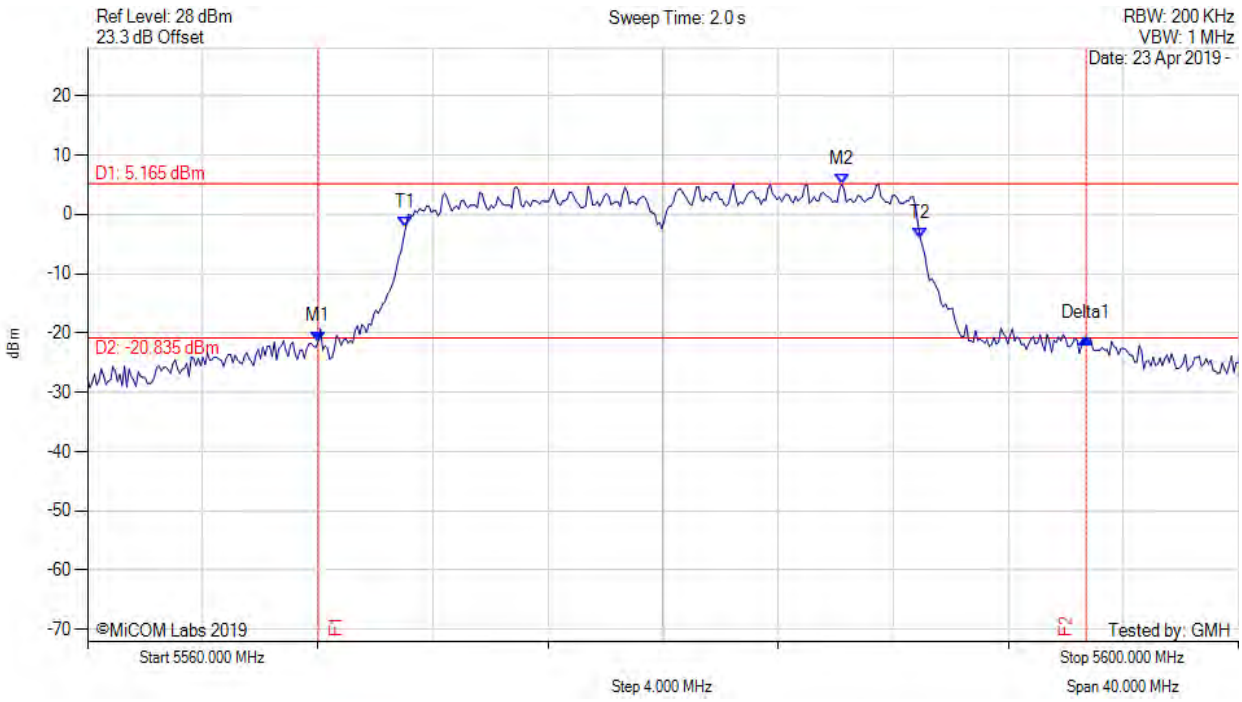


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5569.699 MHz : -21.150 dBm M2 : 5584.930 MHz : 5.434 dBm Delta1 : 20.842 MHz : -0.488 dB T1 : 5571.062 MHz : -2.710 dBm T2 : 5588.938 MHz : -4.021 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 20.842 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

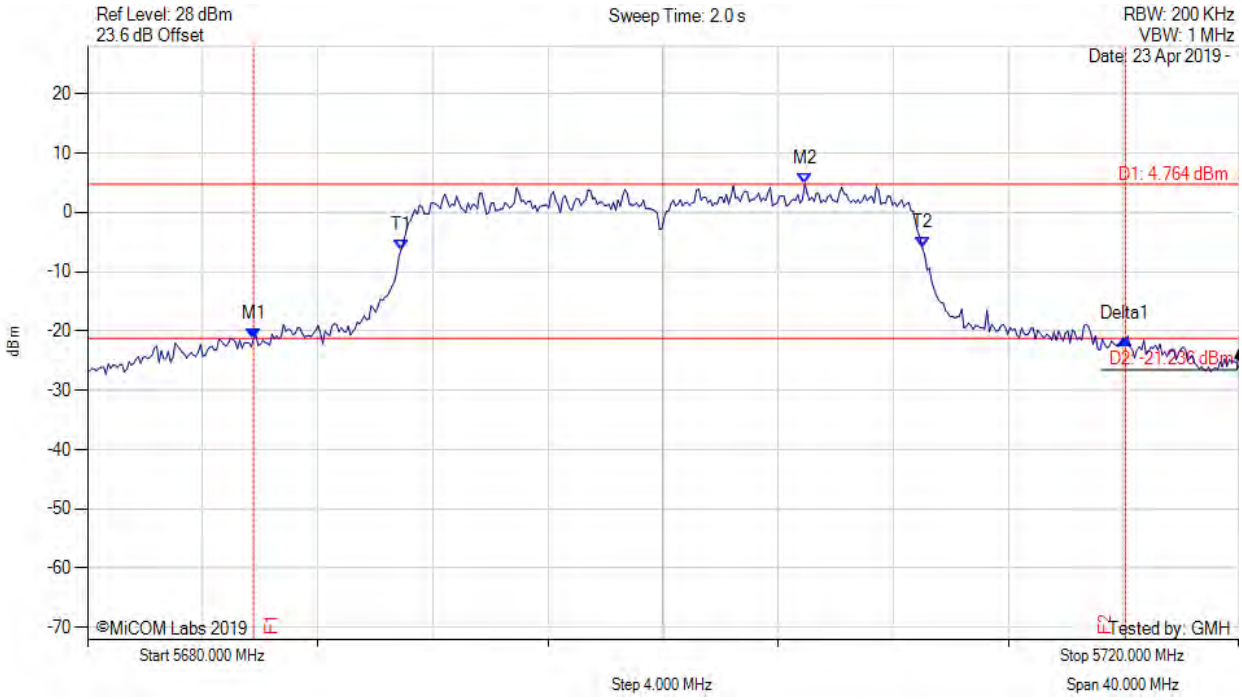


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5568.016 MHz : -21.453 dBm M2 : 5586.212 MHz : 5.165 dBm Delta1 : 26.693 MHz : 0.592 dB T1 : 5571.062 MHz : -2.154 dBm T2 : 5588.938 MHz : -4.036 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 26.693 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

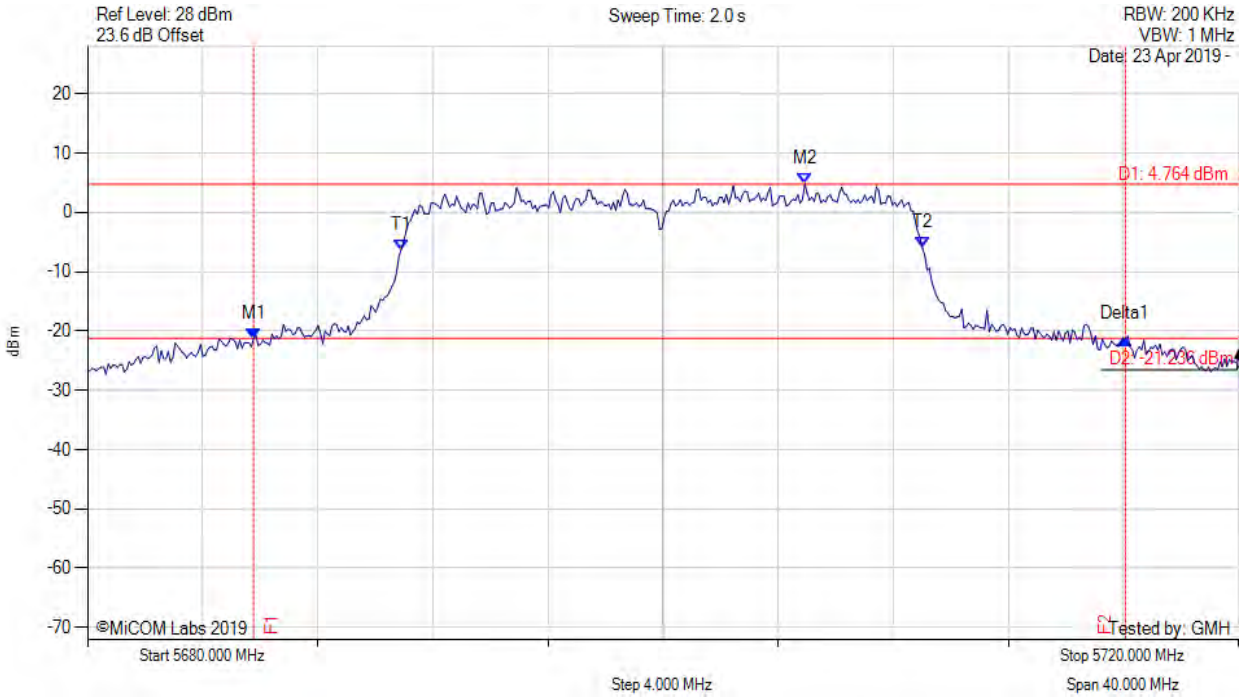


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5685.772 MHz : -21.263 dBm M2 : 5704.930 MHz : 4.764 dBm Delta1 : 30.301 MHz : -0.041 dB T1 : 5690.902 MHz : -6.317 dBm T2 : 5709.018 MHz : -5.978 dBm OBW : 18.116 MHz	Measured 26 dB Bandwidth: 30.301 MHz Measured 99% Bandwidth: 18.116 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

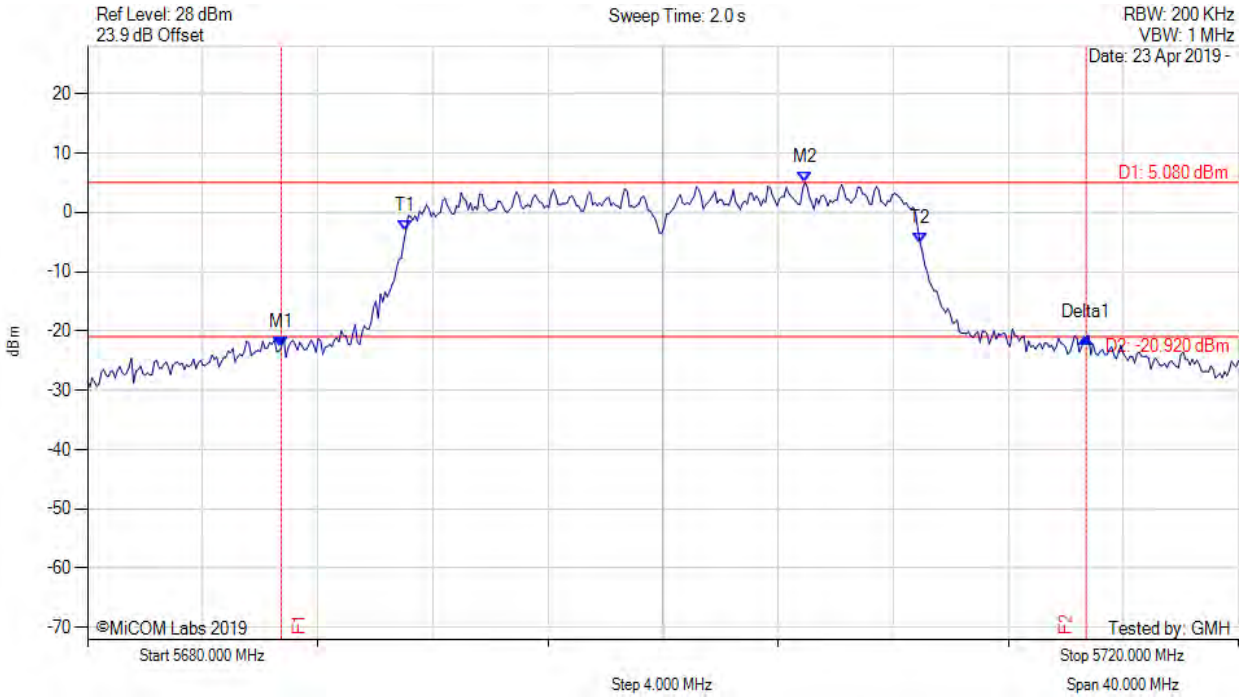


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5685.772 MHz : -21.263 dBm M2 : 5704.930 MHz : 4.764 dBm Delta1 : 30.301 MHz : -0.041 dB T1 : 5690.902 MHz : -6.317 dBm T2 : 5709.018 MHz : -5.978 dBm OBW : 18.116 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

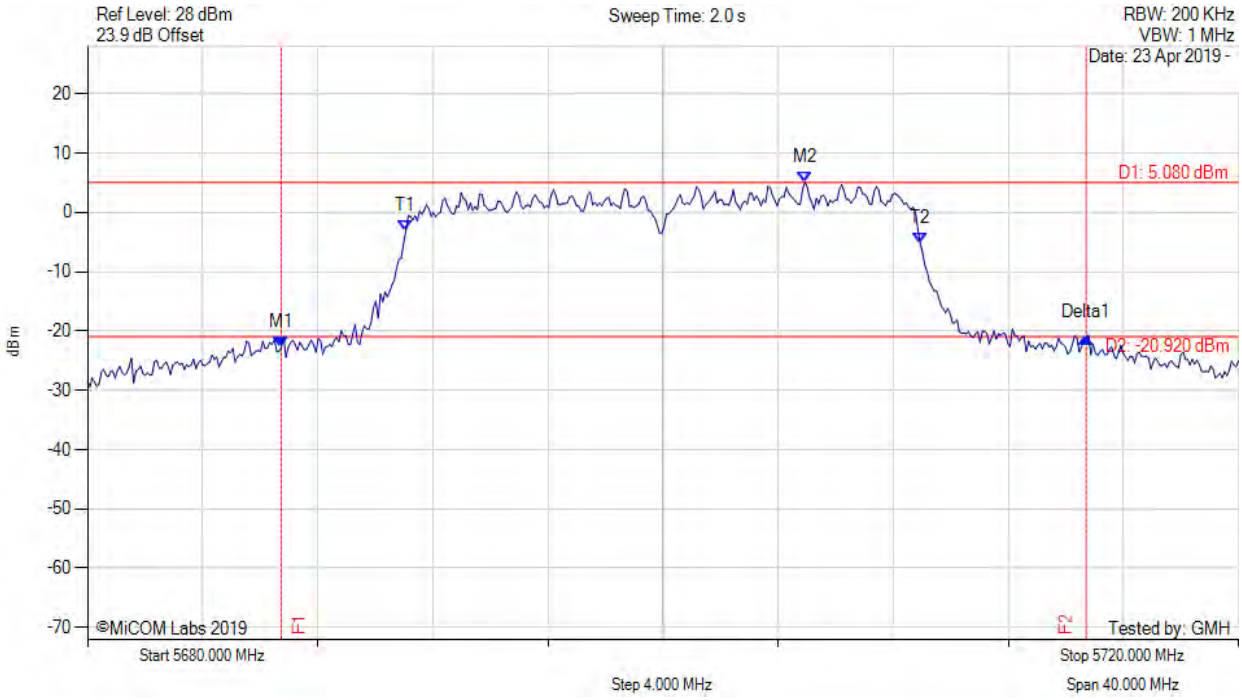


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5686.733 MHz : -22.746 dBm M2 : 5704.930 MHz : 5.080 dBm Delta1 : 27.976 MHz : 1.712 dB T1 : 5691.062 MHz : -3.153 dBm T2 : 5708.938 MHz : -5.174 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 27.976 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

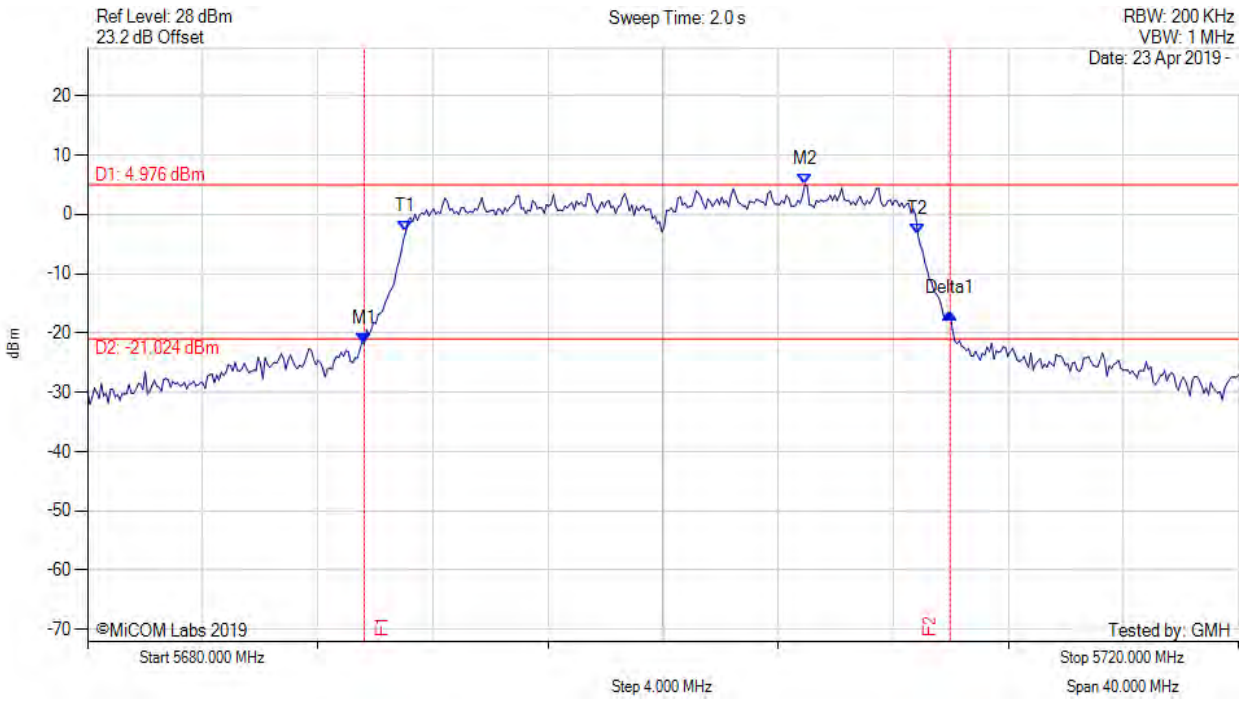


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5686.733 MHz : -22.746 dBm M2 : 5704.930 MHz : 5.080 dBm Delta1 : 27.976 MHz : 1.712 dB T1 : 5691.062 MHz : -3.153 dBm T2 : 5708.938 MHz : -5.174 dBm OBW : 17.876 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

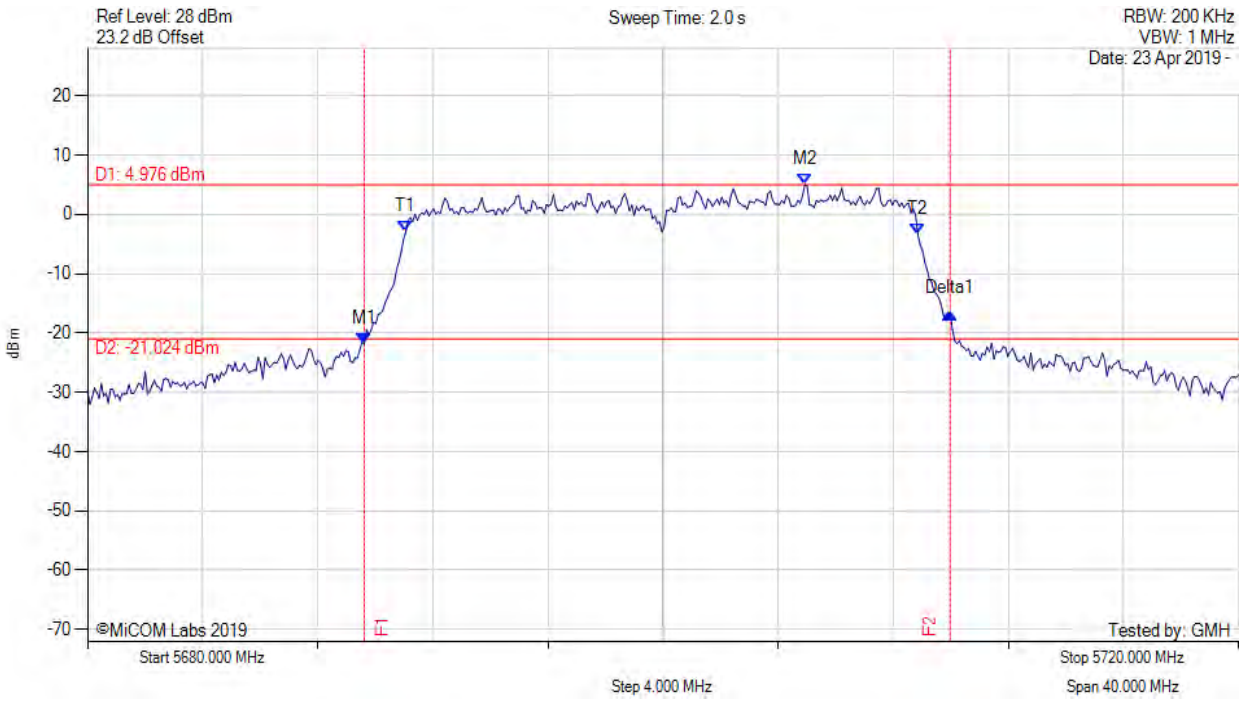


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.619 MHz : -21.741 dBm M2 : 5704.930 MHz : 4.976 dBm Delta1 : 20.361 MHz : 5.160 dB T1 : 5691.062 MHz : -2.939 dBm T2 : 5708.858 MHz : -3.383 dBm OBW : 17.796 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

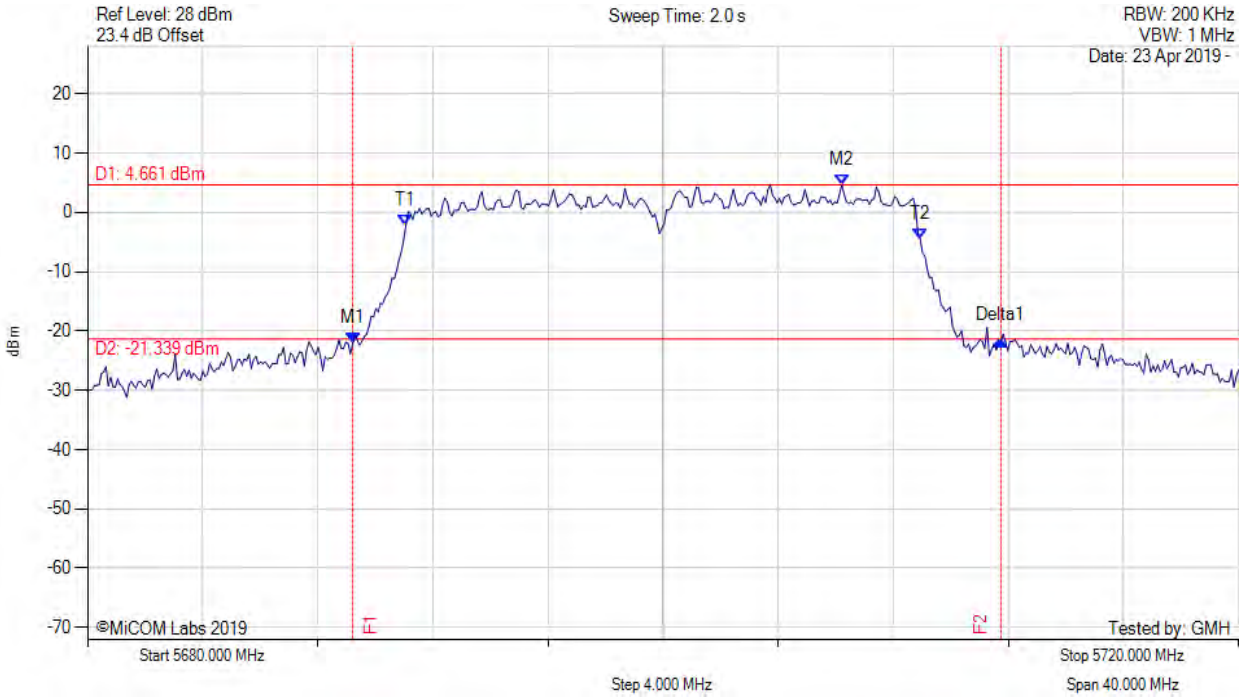


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.619 MHz : -21.741 dBm M2 : 5704.930 MHz : 4.976 dBm Delta1 : 20.361 MHz : 5.160 dB T1 : 5691.062 MHz : -2.939 dBm T2 : 5708.858 MHz : -3.383 dBm OBW : 17.796 MHz	Measured 26 dB Bandwidth: 20.361 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

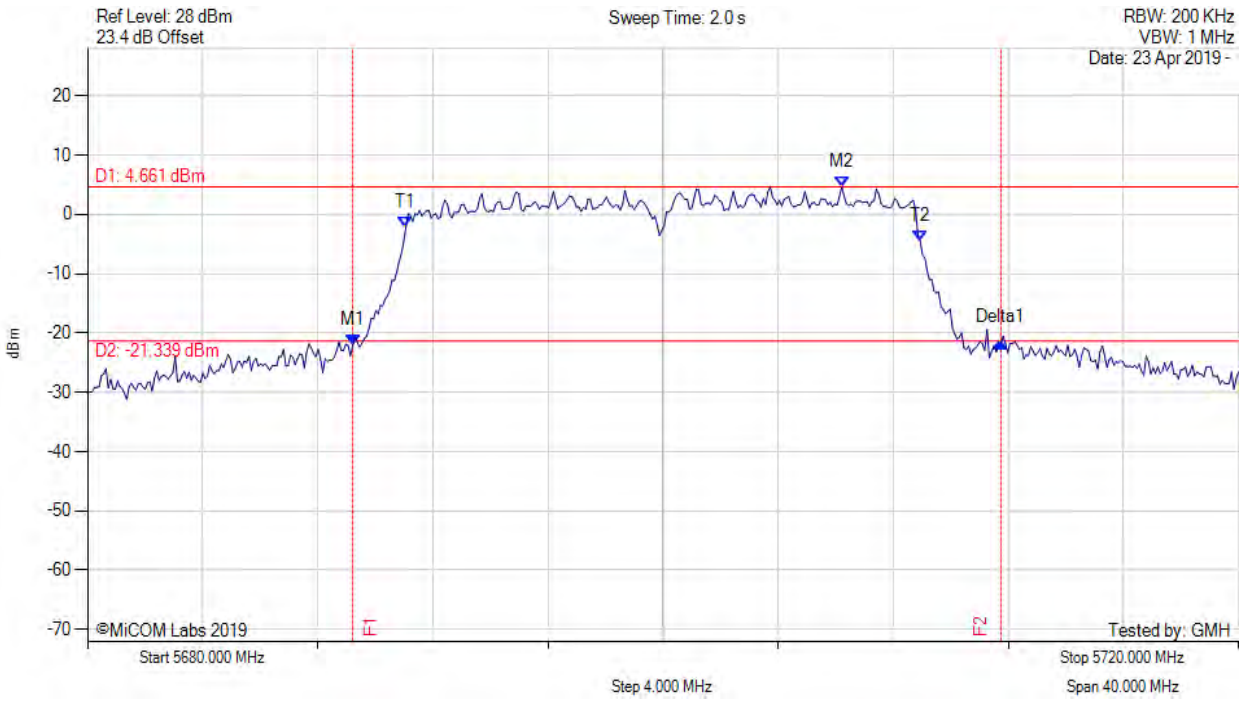


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.218 MHz : -21.989 dBm M2 : 5706.212 MHz : 4.661 dBm Delta1 : 22.525 MHz : 0.317 dB T1 : 5691.062 MHz : -2.242 dBm T2 : 5708.938 MHz : -4.487 dBm OBW : 17.876 MHz	Channel Frequency: 5700.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc



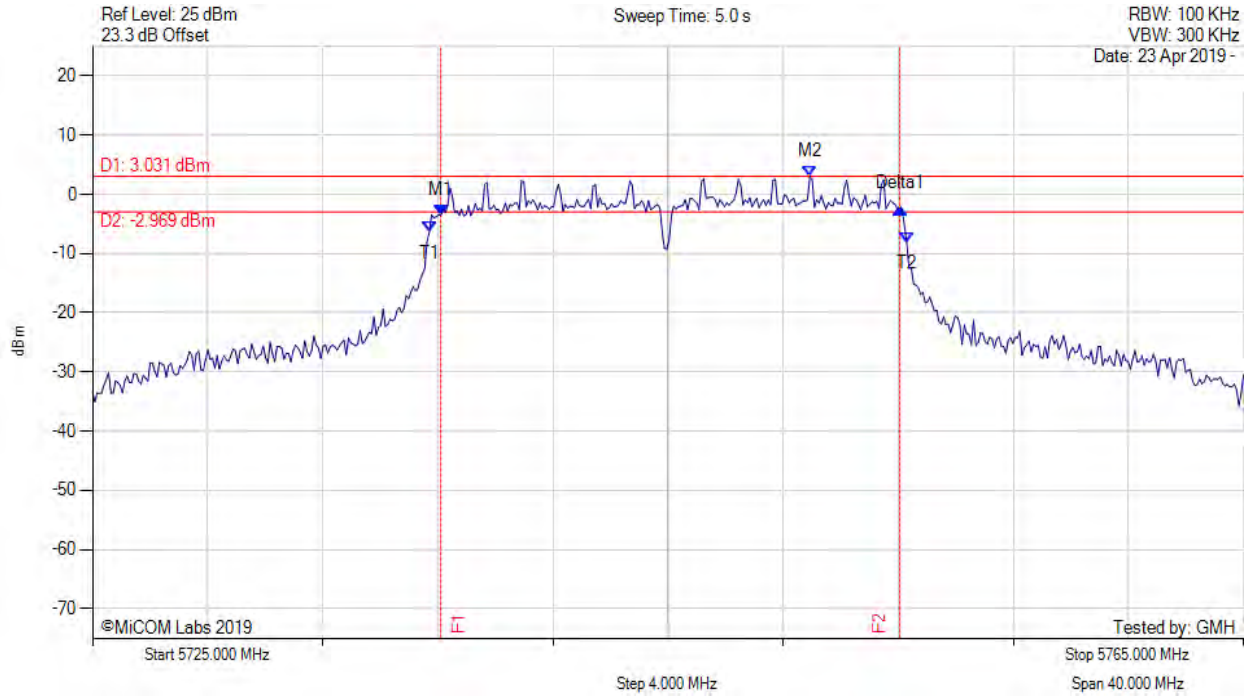
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5689.218 MHz : -21.989 dBm M2 : 5706.212 MHz : 4.661 dBm Delta1 : 22.525 MHz : 0.317 dB T1 : 5691.062 MHz : -2.242 dBm T2 : 5708.938 MHz : -4.487 dBm OBW : 17.876 MHz	Measured 26 dB Bandwidth: 22.525 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

A.2. 6 dB & 99% Bandwidth

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

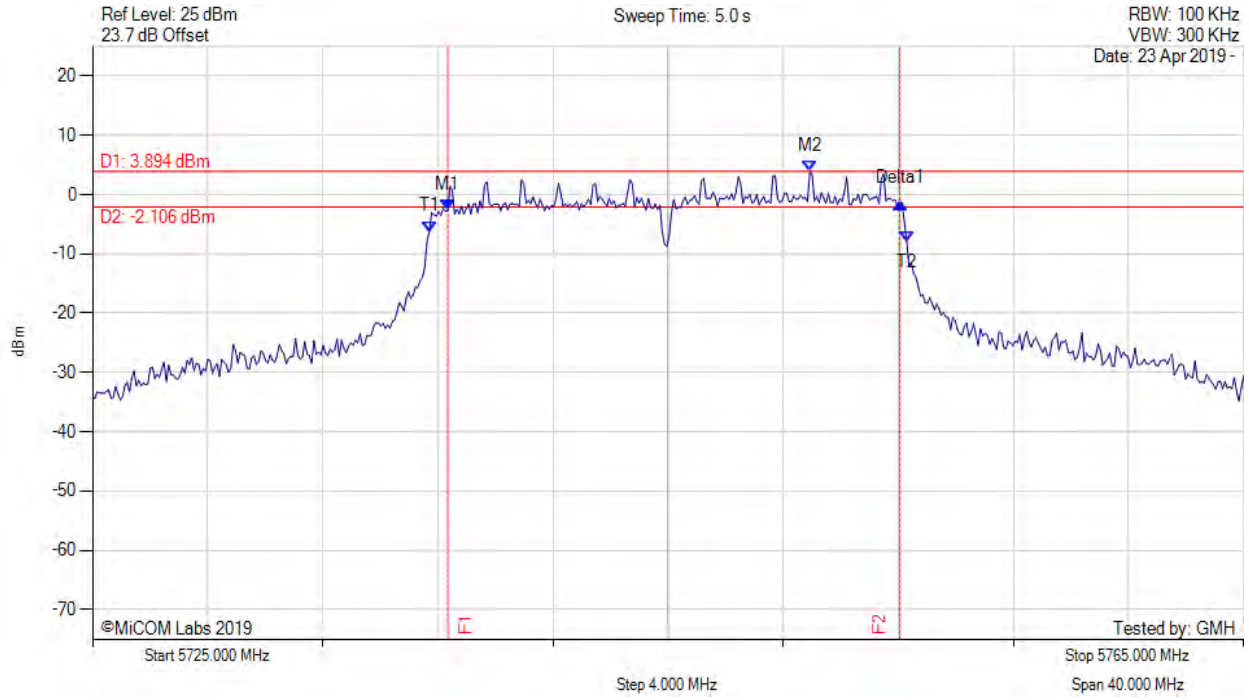


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5737.104 MHz : -3.487 dBm M2 : 5749.930 MHz : 3.031 dBm Delta1 : 15.952 MHz : 1.139 dB T1 : 5736.703 MHz : -6.393 dBm T2 : 5753.297 MHz : -8.113 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 15.952 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

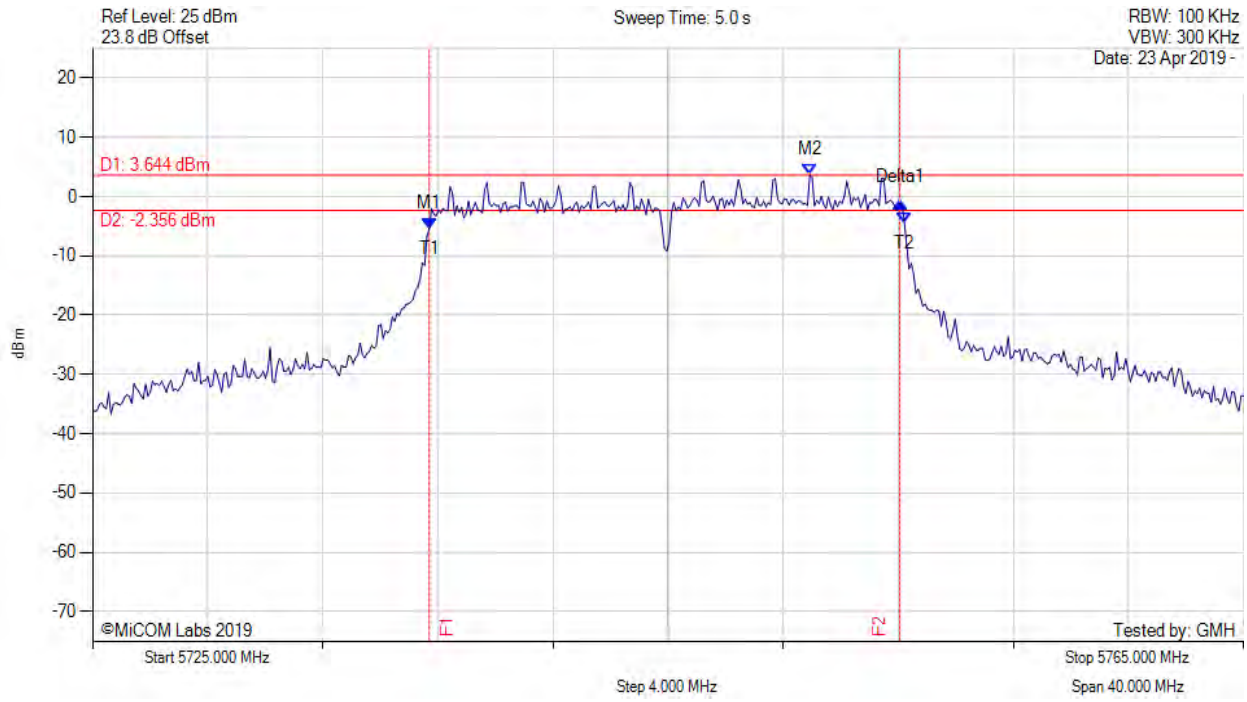


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5737.345 MHz : -2.700 dBm M2 : 5749.930 MHz : 3.894 dBm Delta1 : 15.711 MHz : 1.180 dB T1 : 5736.703 MHz : -6.228 dBm T2 : 5753.297 MHz : -7.873 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 15.711 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5745.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

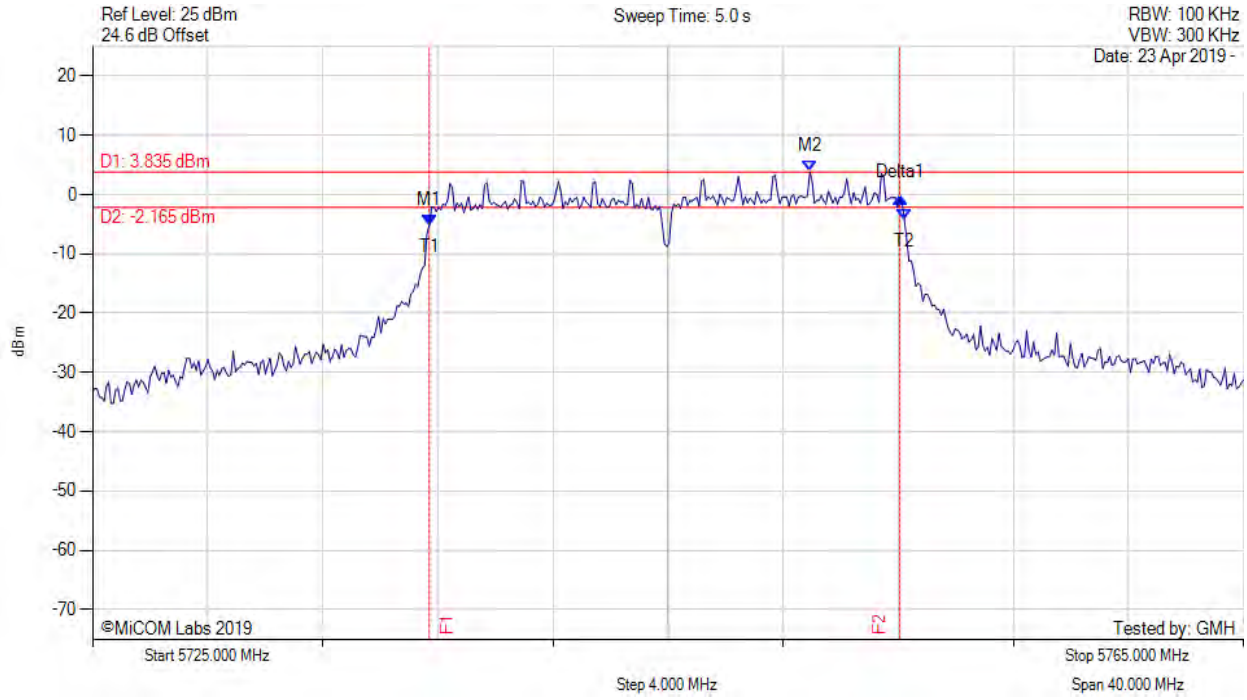


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5736.703 MHz : -5.315 dBm M2 : 5749.930 MHz : 3.644 dBm Delta1 : 16.353 MHz : 4.242 dB T1 : 5736.703 MHz : -5.315 dBm T2 : 5753.216 MHz : -4.386 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.353 MHz Measured 99% Bandwidth: 16.513 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5745.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

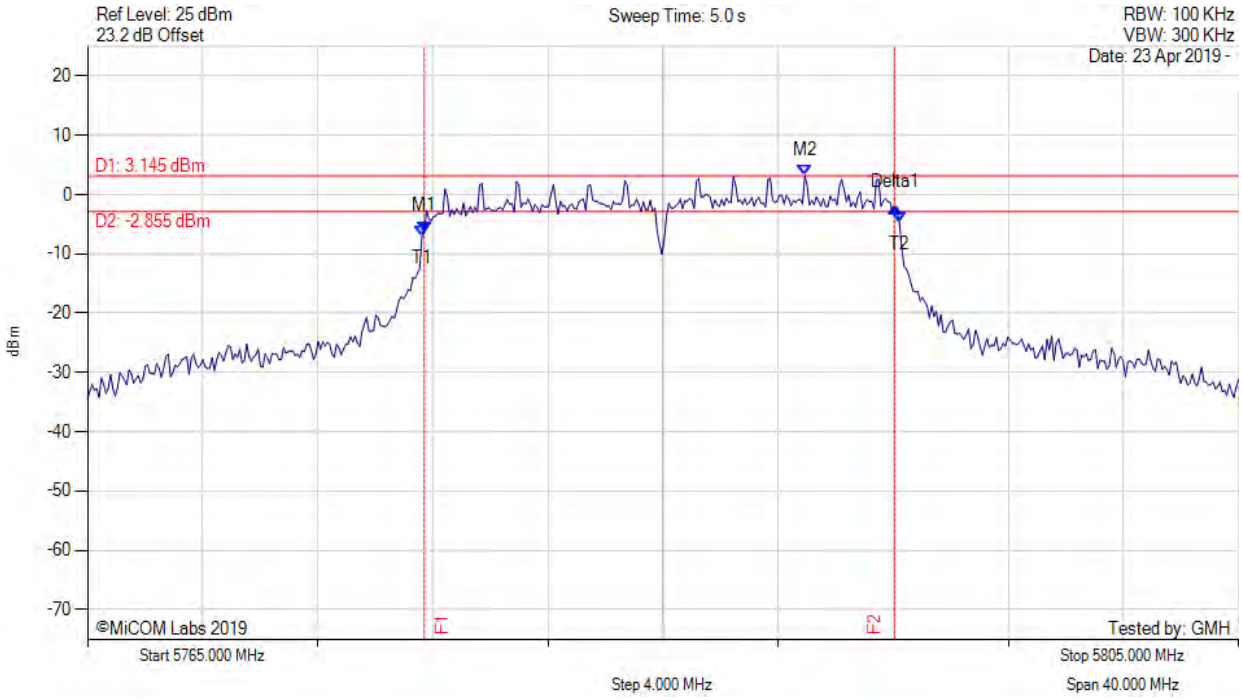


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5736.703 MHz : -5.162 dBm M2 : 5749.930 MHz : 3.835 dBm Delta1 : 16.353 MHz : 4.570 dB T1 : 5736.703 MHz : -5.162 dBm T2 : 5753.216 MHz : -4.323 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.353 MHz Measured 99% Bandwidth: 16.513 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

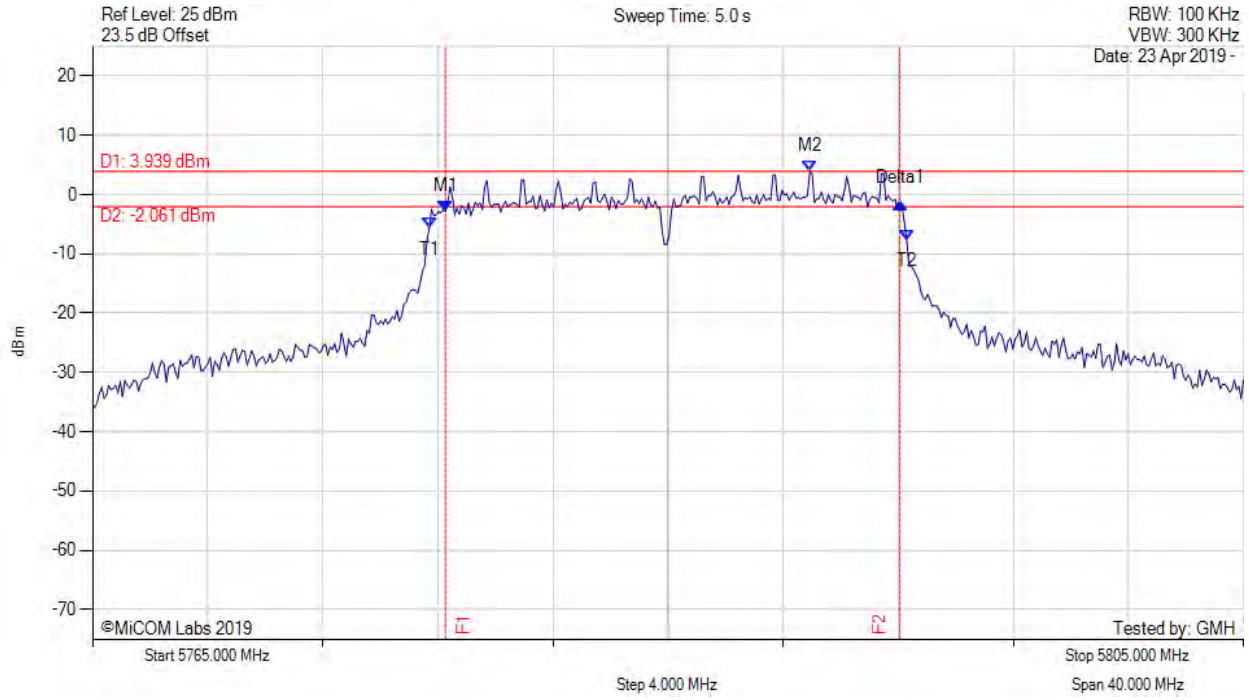


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5776.703 MHz : -6.220 dBm M2 : 5789.930 MHz : 3.145 dBm Delta1 : 16.353 MHz : 4.098 dB T1 : 5776.623 MHz : -7.062 dBm T2 : 5793.216 MHz : -4.780 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.353 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

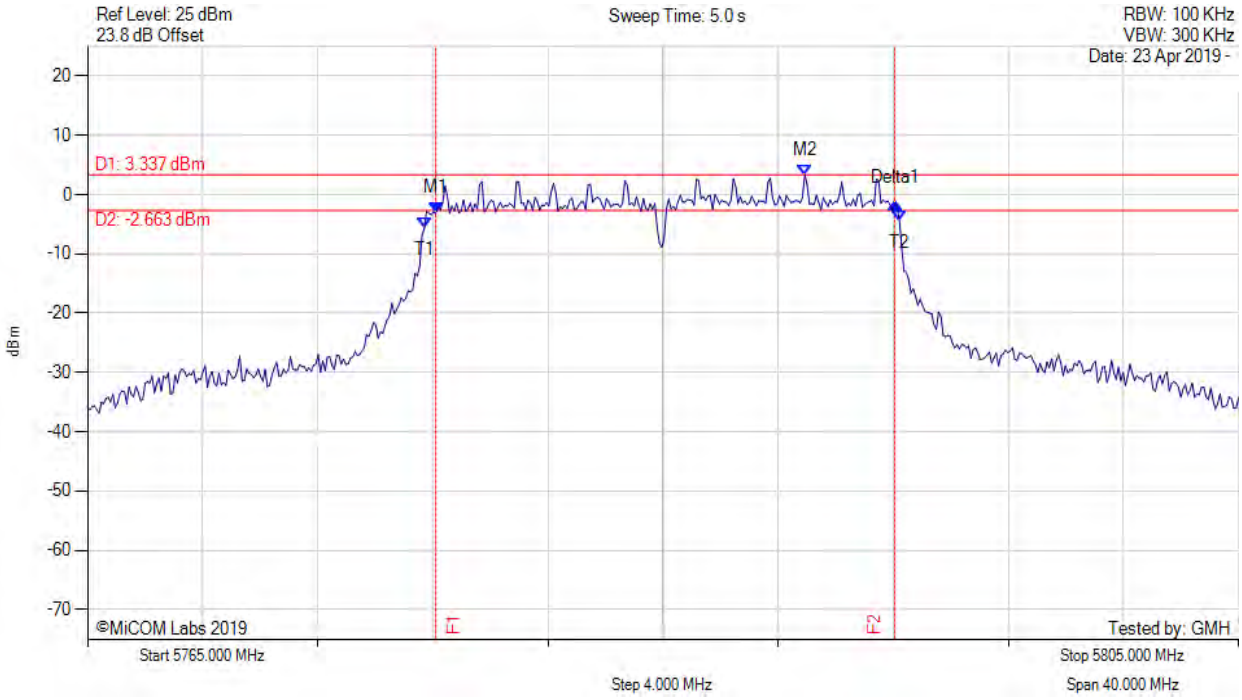


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5777.265 MHz : -2.795 dBm M2 : 5789.930 MHz : 3.939 dBm Delta1 : 15.792 MHz : 1.291 dB T1 : 5776.703 MHz : -5.610 dBm T2 : 5793.297 MHz : -7.617 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 15.792 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5785.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

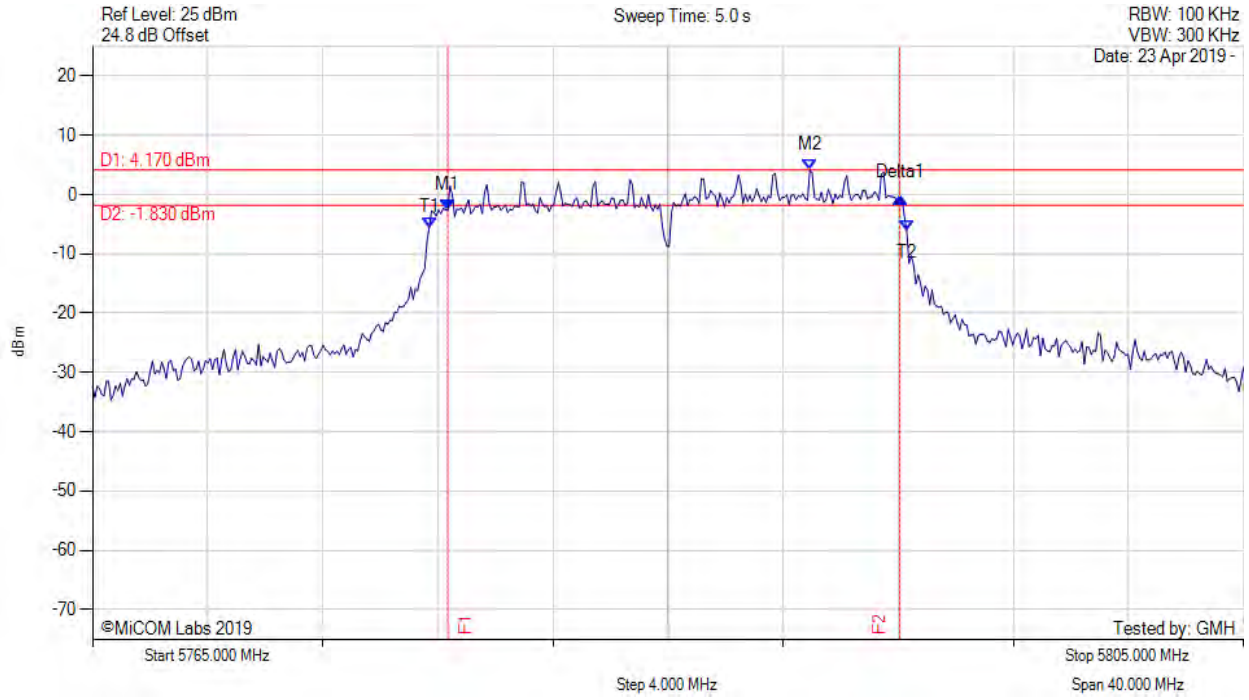


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5777.104 MHz : -3.163 dBm M2 : 5789.930 MHz : 3.337 dBm Delta1 : 15.952 MHz : 1.637 dB T1 : 5776.703 MHz : -5.732 dBm T2 : 5793.216 MHz : -4.461 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 15.952 MHz Measured 99% Bandwidth: 16.513 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5785.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

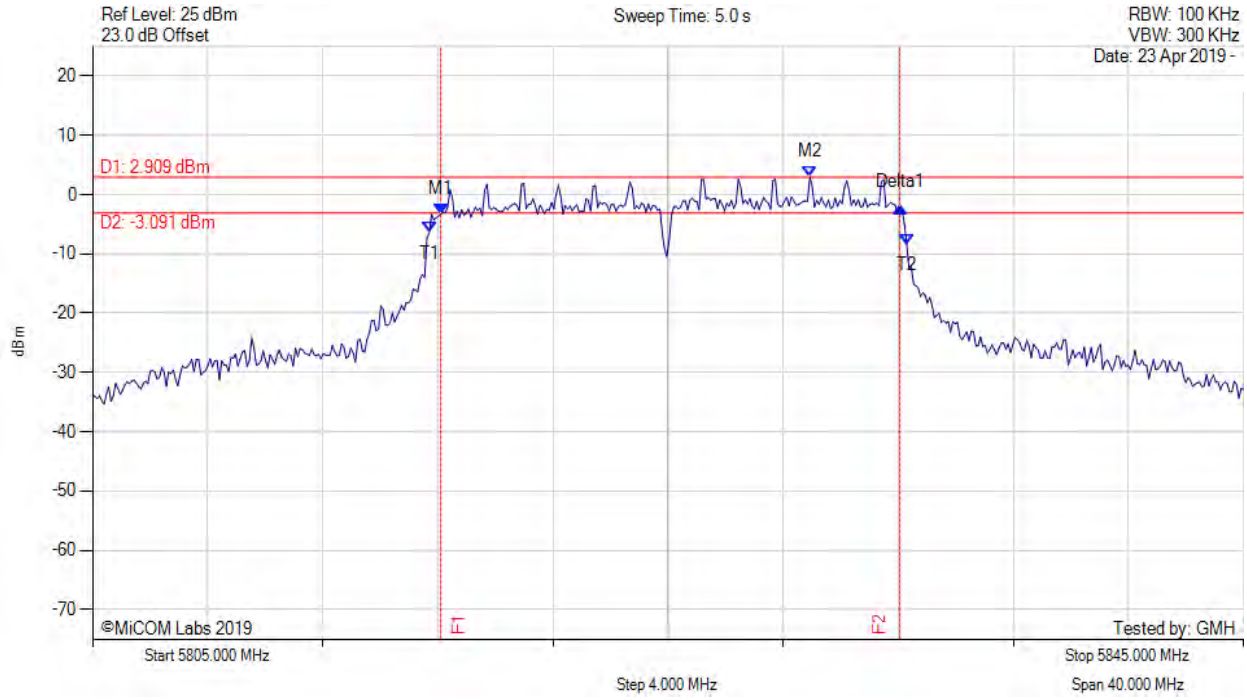


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5777.345 MHz : -2.645 dBm M2 : 5789.930 MHz : 4.170 dBm Delta1 : 15.711 MHz : 2.178 dB T1 : 5776.703 MHz : -5.516 dBm T2 : 5793.297 MHz : -6.080 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 15.711 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

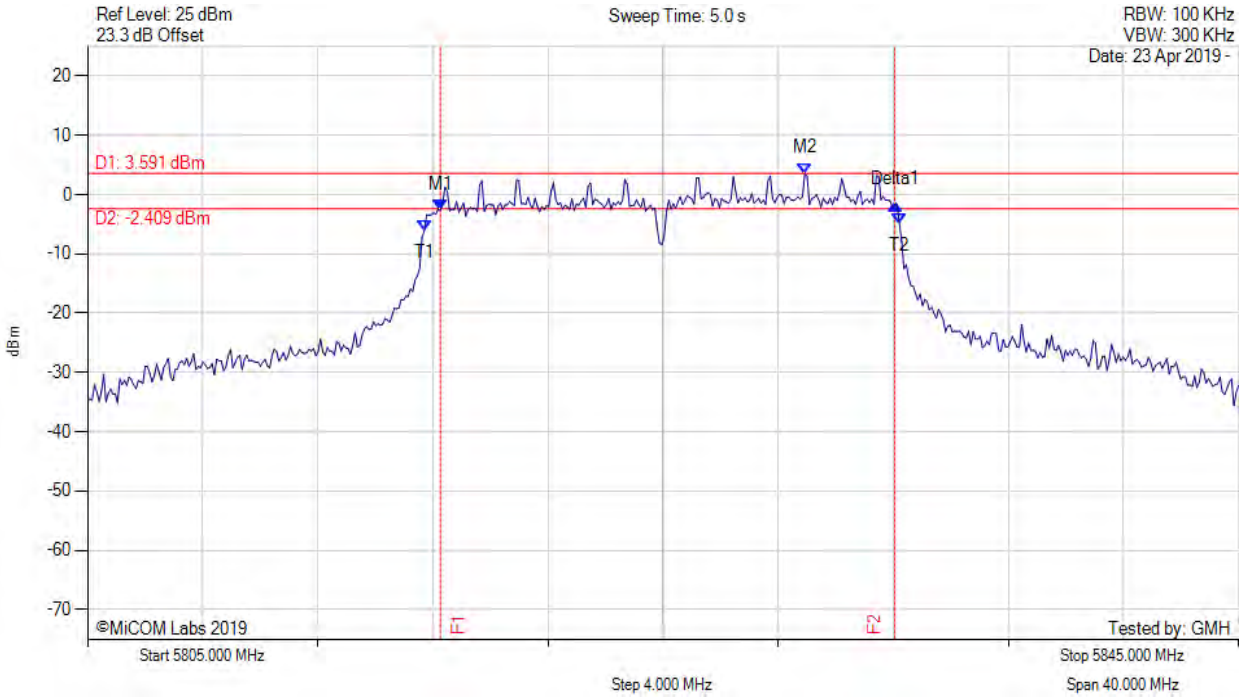


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5817.104 MHz : -3.289 dBm M2 : 5829.930 MHz : 2.909 dBm Delta1 : 15.952 MHz : 1.068 dB T1 : 5816.703 MHz : -6.444 dBm T2 : 5833.297 MHz : -8.374 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 15.952 MHz Measured 99% Bandwidth: 16.593 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

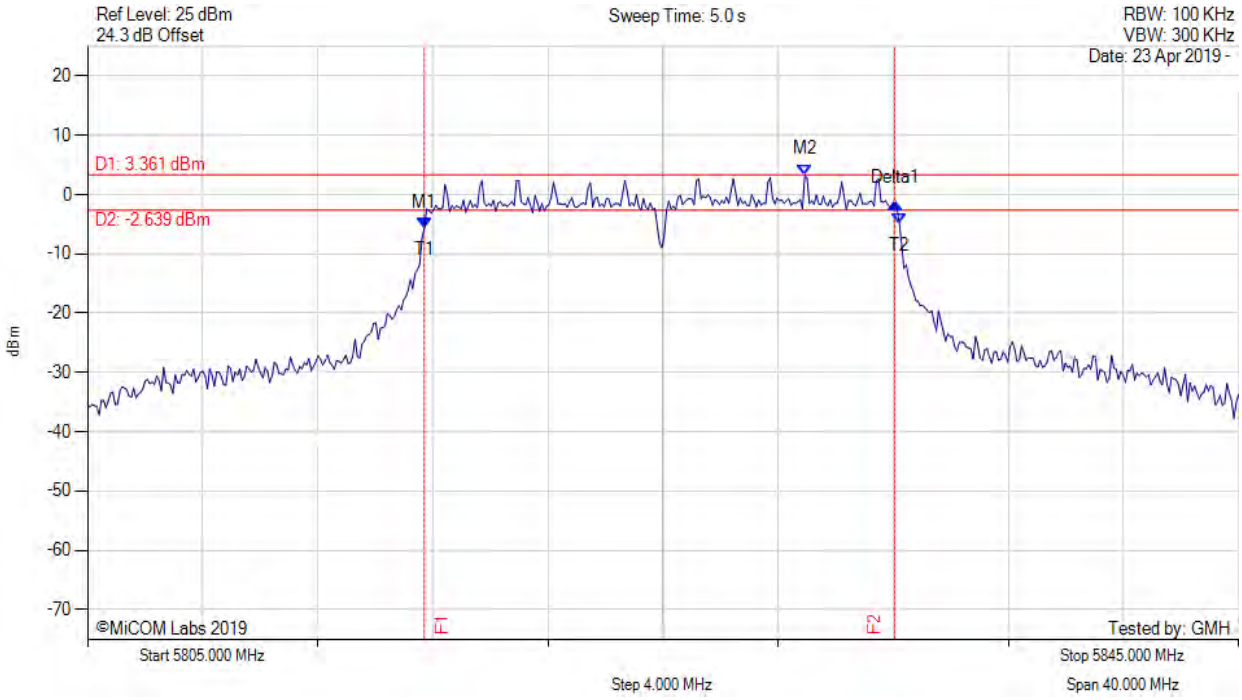


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5817.265 MHz : -2.663 dBm M2 : 5829.930 MHz : 3.591 dBm Delta1 : 15.792 MHz : 1.003 dB T1 : 5816.703 MHz : -6.151 dBm T2 : 5833.216 MHz : -4.984 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 15.792 MHz Measured 99% Bandwidth: 16.513 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5825.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

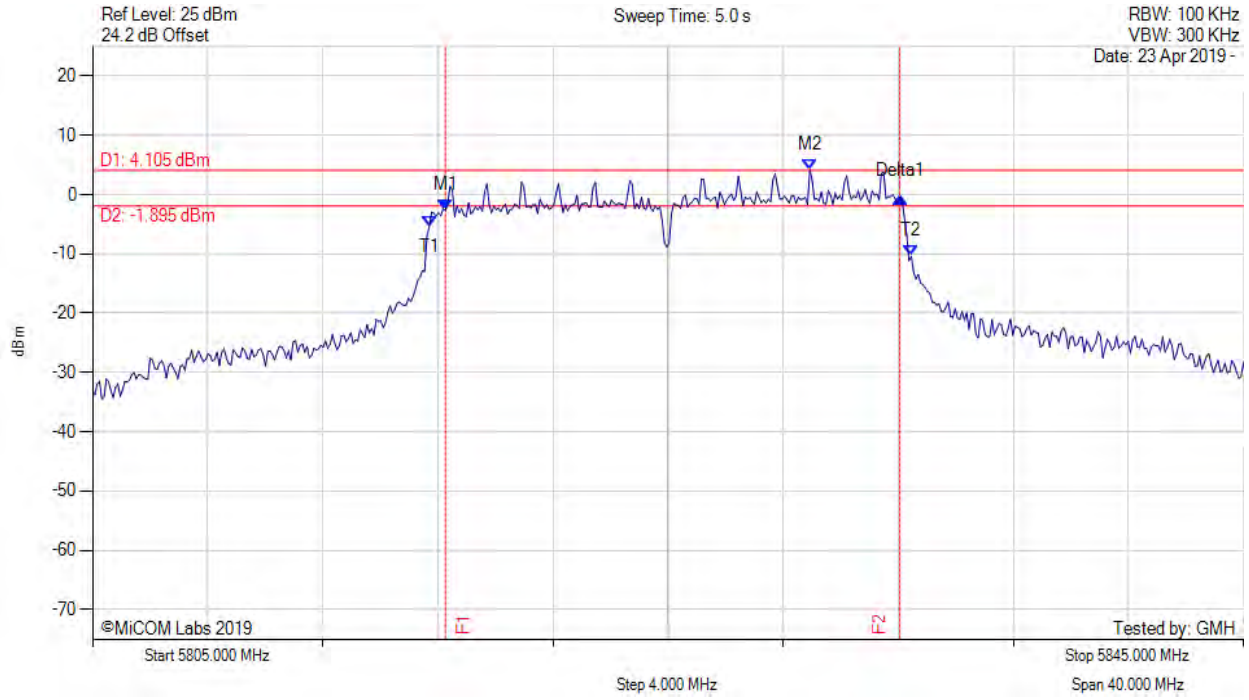


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5816.703 MHz : -5.697 dBm M2 : 5829.930 MHz : 3.361 dBm Delta1 : 16.353 MHz : 4.255 dB T1 : 5816.703 MHz : -5.697 dBm T2 : 5833.216 MHz : -5.022 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.353 MHz Measured 99% Bandwidth: 16.513 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5825.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

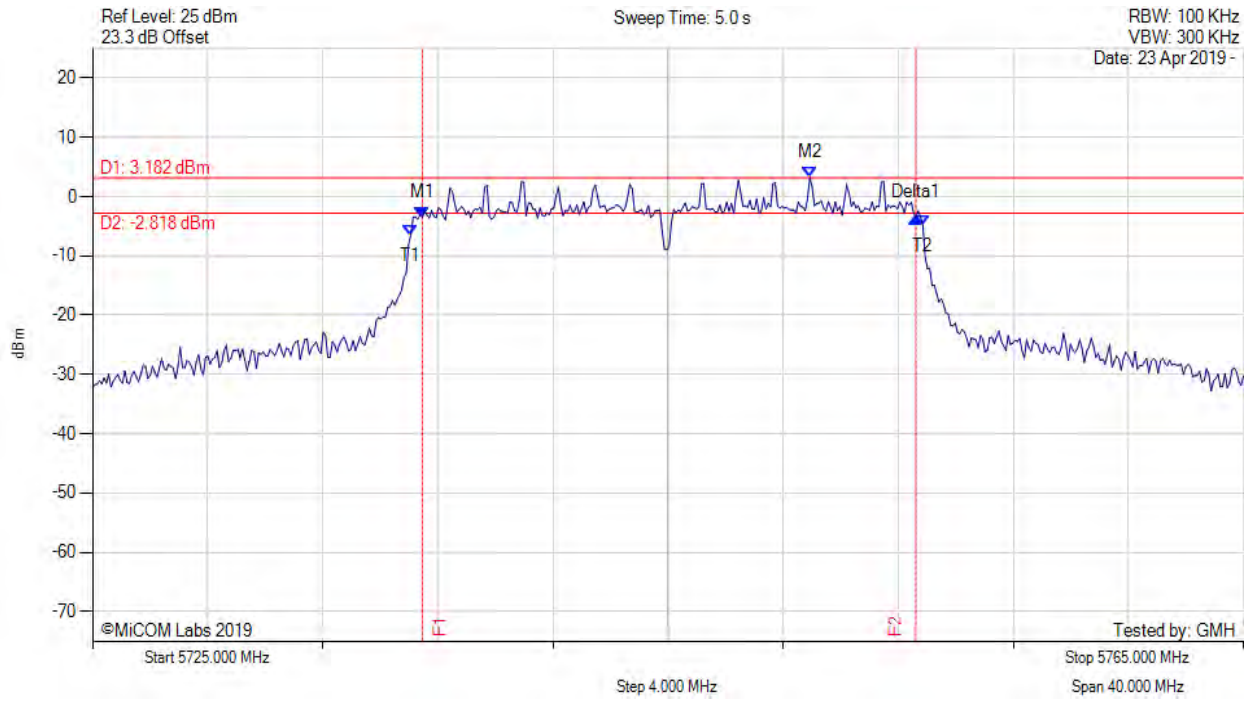


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5817.265 MHz : -2.639 dBm M2 : 5829.930 MHz : 4.105 dBm Delta1 : 15.792 MHz : 2.259 dB T1 : 5816.703 MHz : -5.360 dBm T2 : 5833.457 MHz : -10.418 dBm OBW : 16.754 MHz	Measured 6 dB Bandwidth: 15.792 MHz Measured 99% Bandwidth: 16.754 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

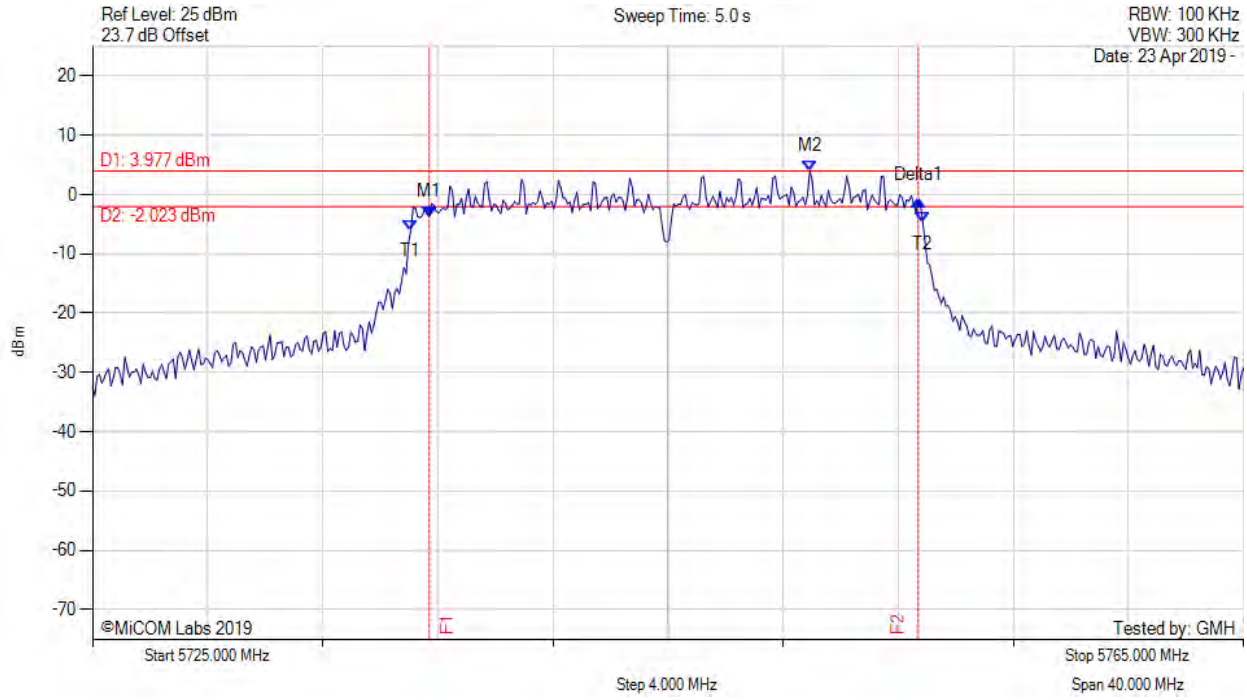


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5736.463 MHz : -3.533 dBm M2 : 5749.930 MHz : 3.182 dBm Delta1 : 17.154 MHz : 0.067 dB T1 : 5736.062 MHz : -6.484 dBm T2 : 5753.858 MHz : -4.888 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.154 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

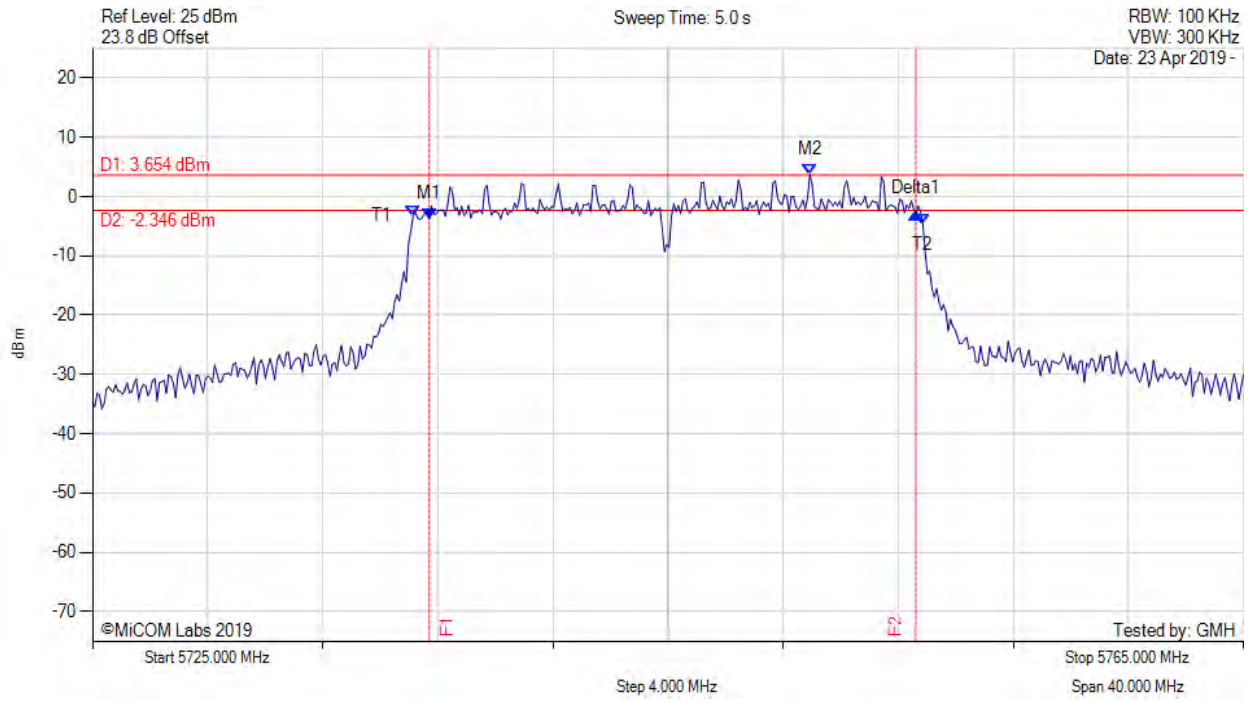


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5736.703 MHz : -3.678 dBm M2 : 5749.930 MHz : 3.977 dBm Delta1 : 16.994 MHz : 2.660 dB T1 : 5736.062 MHz : -5.988 dBm T2 : 5753.858 MHz : -4.733 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 16.994 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

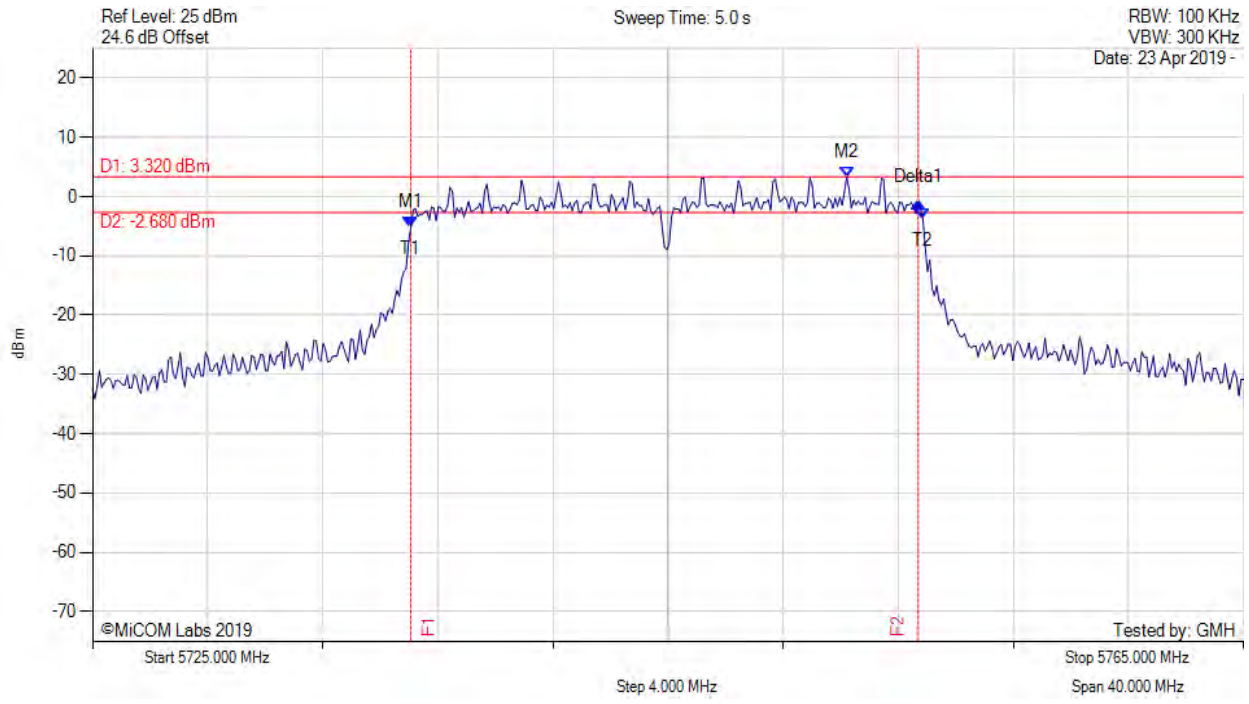


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5736.703 MHz : -3.792 dBm M2 : 5749.930 MHz : 3.654 dBm Delta1 : 16.914 MHz : 0.868 dB T1 : 5736.142 MHz : -3.224 dBm T2 : 5753.858 MHz : -4.624 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 16.914 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

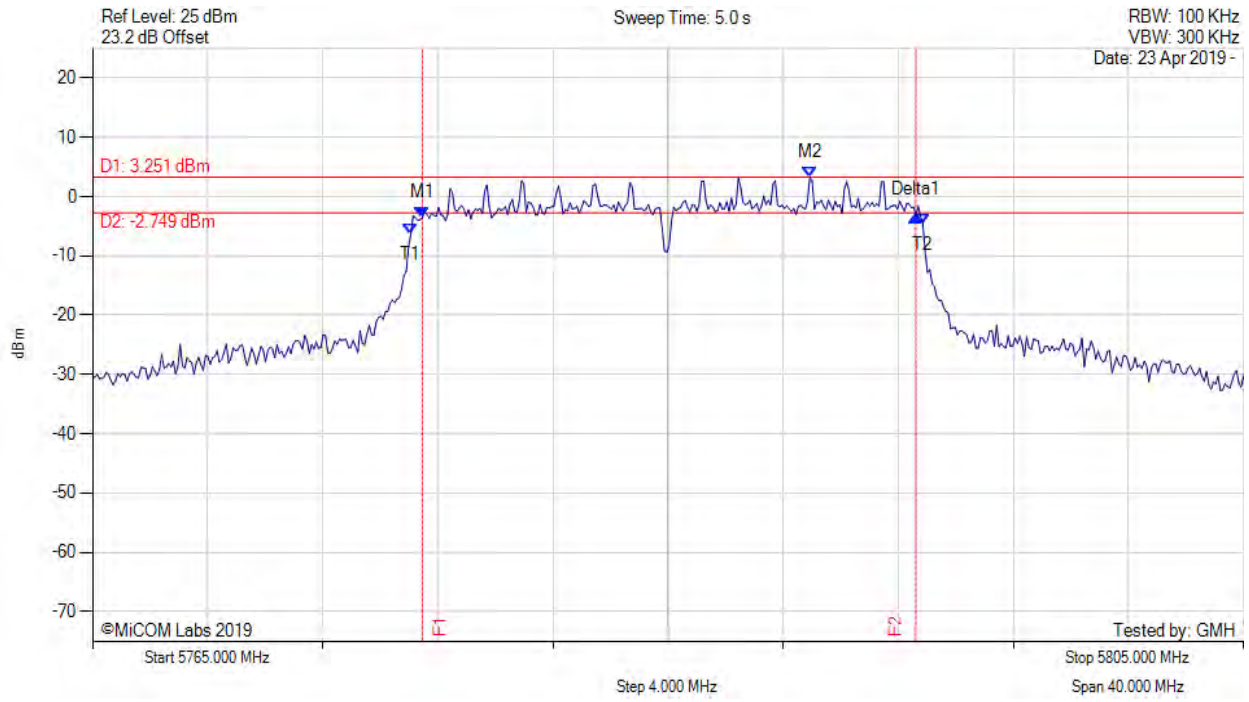


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5736.062 MHz : -5.252 dBm M2 : 5751.212 MHz : 3.320 dBm Delta1 : 17.635 MHz : 4.253 dB T1 : 5736.062 MHz : -5.252 dBm T2 : 5753.858 MHz : -3.773 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.635 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

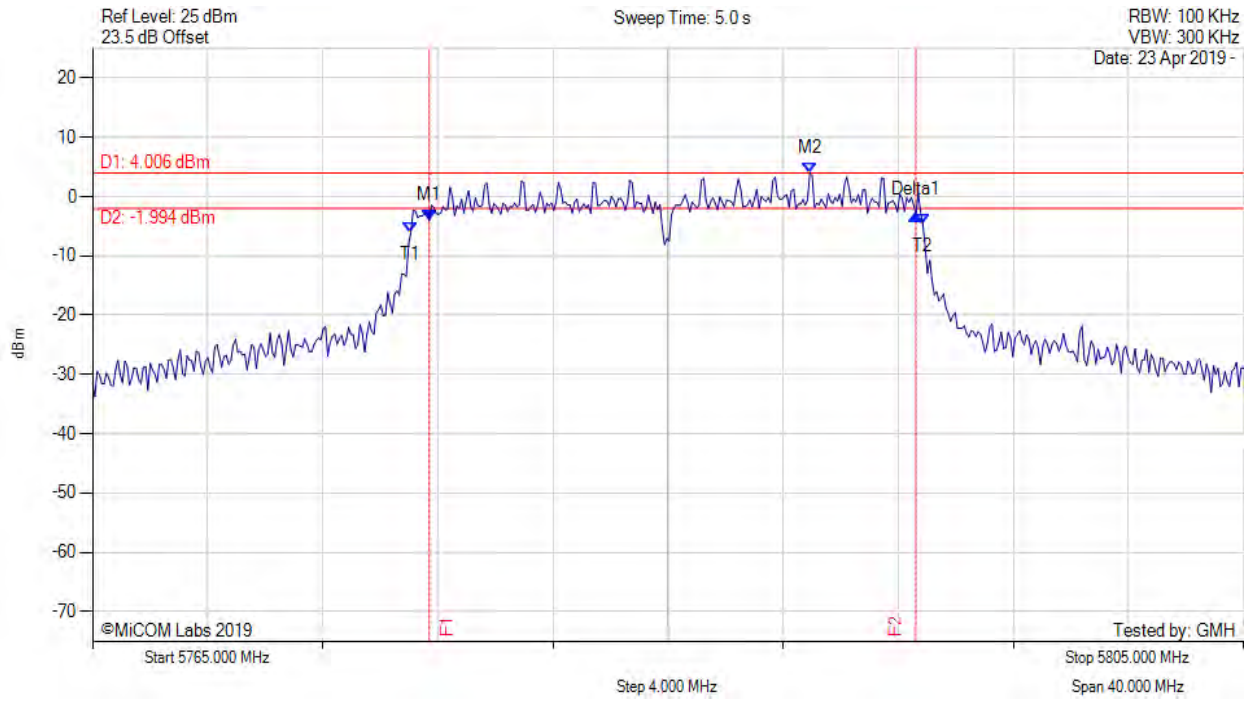


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5776.463 MHz : -3.623 dBm M2 : 5789.930 MHz : 3.251 dBm Delta1 : 17.154 MHz : 0.441 dB T1 : 5776.062 MHz : -6.279 dBm T2 : 5793.858 MHz : -4.660 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.154 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

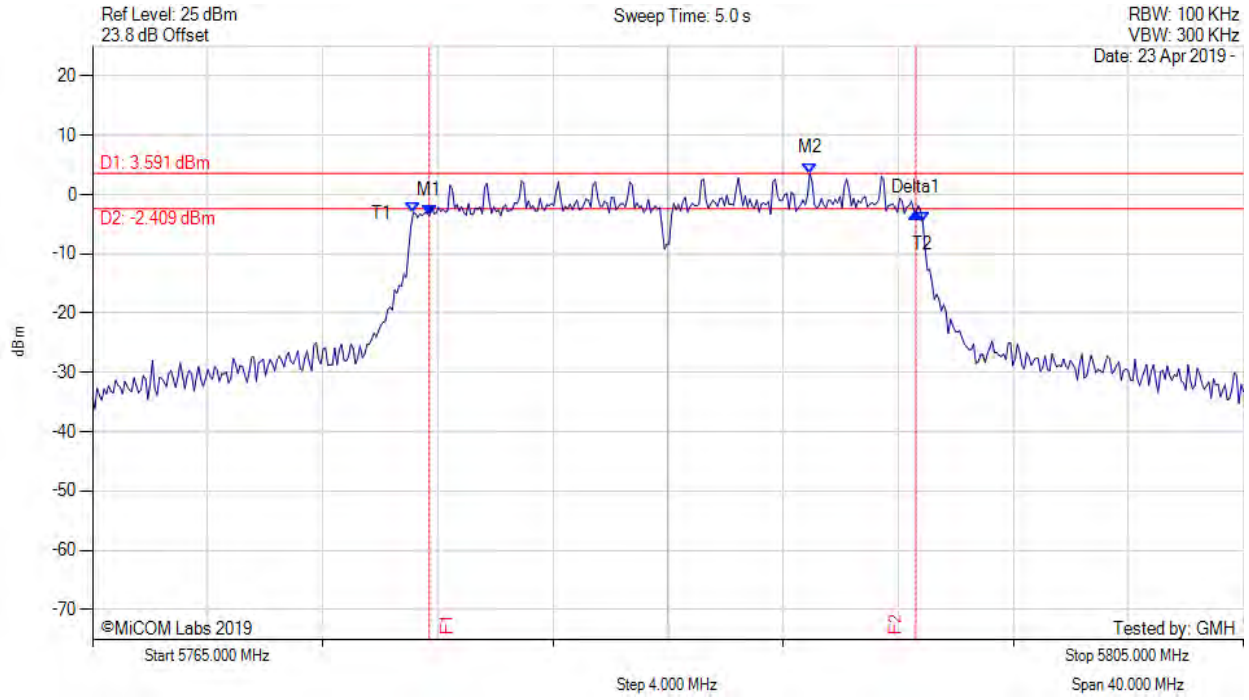


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5776.703 MHz : -4.091 dBm M2 : 5789.930 MHz : 4.006 dBm Delta1 : 16.914 MHz : 0.980 dB T1 : 5776.062 MHz : -6.082 dBm T2 : 5793.858 MHz : -4.709 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 16.914 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

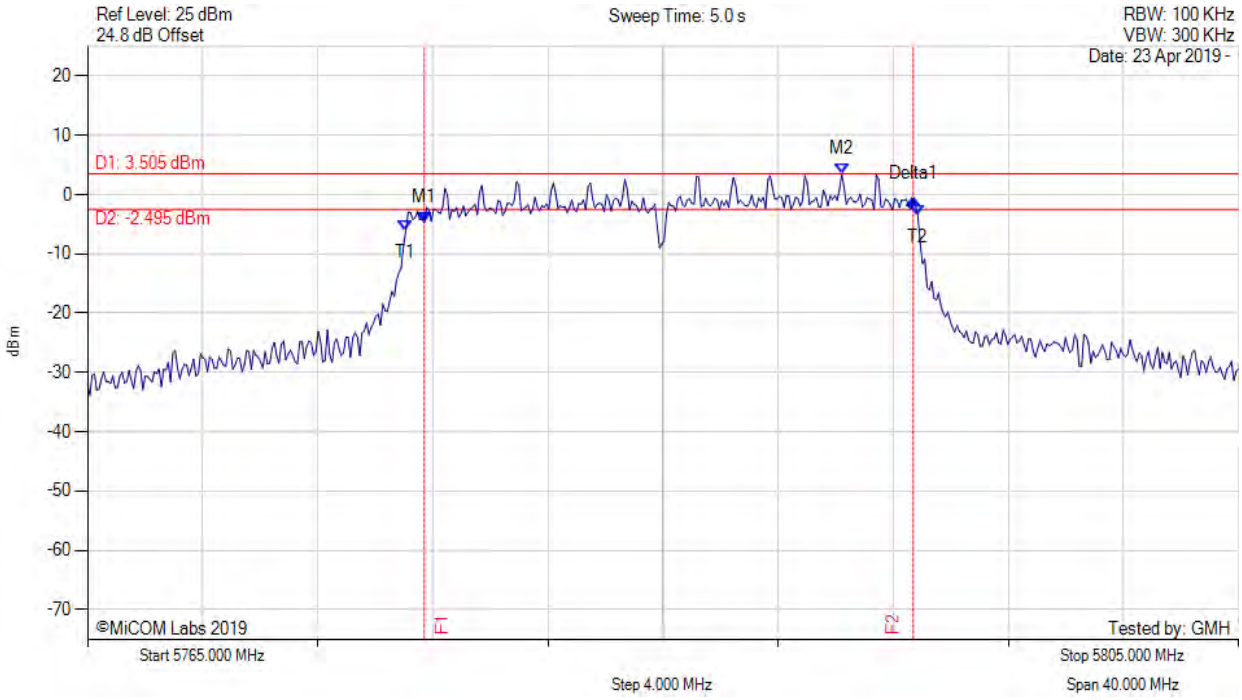


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5776.703 MHz : -3.584 dBm M2 : 5789.930 MHz : 3.591 dBm Delta1 : 16.914 MHz : 0.488 dB T1 : 5776.142 MHz : -3.106 dBm T2 : 5793.858 MHz : -4.774 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 16.914 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

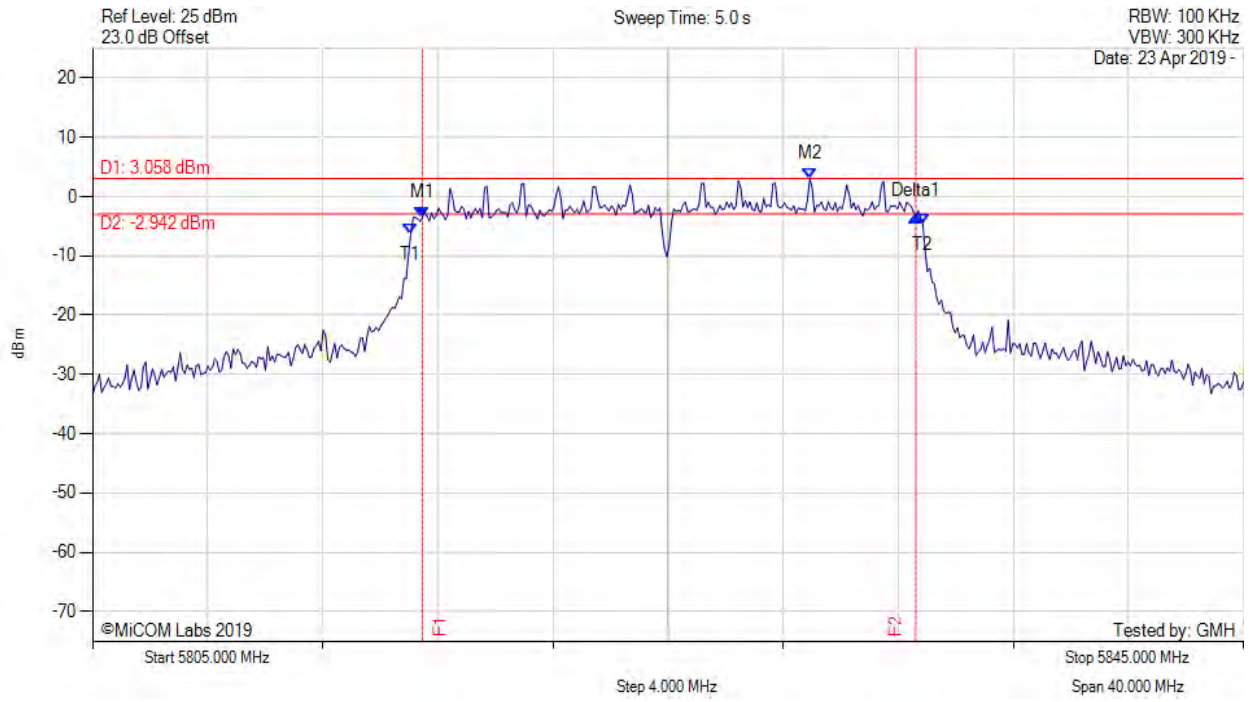


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5776.703 MHz : -4.713 dBm M2 : 5791.212 MHz : 3.505 dBm Delta1 : 16.994 MHz : 3.905 dB T1 : 5776.062 MHz : -6.131 dBm T2 : 5793.858 MHz : -3.542 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 16.994 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

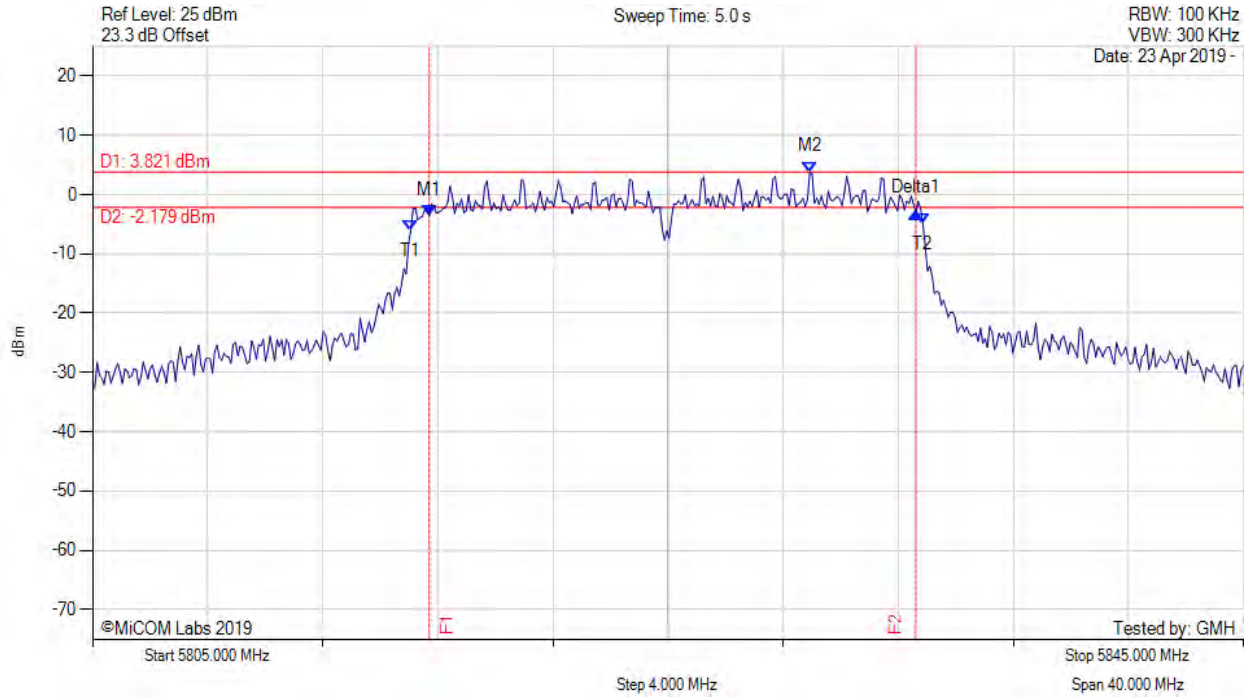


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5816.463 MHz : -3.574 dBm M2 : 5829.930 MHz : 3.058 dBm Delta1 : 17.154 MHz : 0.352 dB T1 : 5816.062 MHz : -6.273 dBm T2 : 5833.858 MHz : -4.591 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.154 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

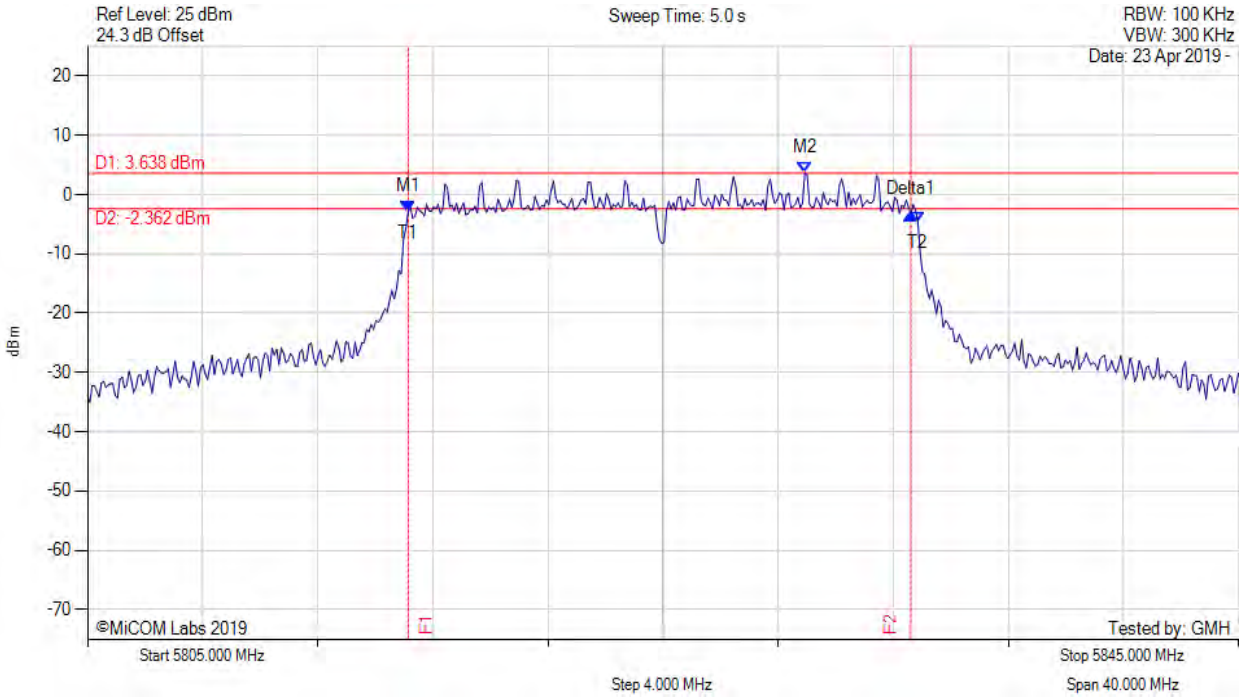


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5816.703 MHz : -3.546 dBm M2 : 5829.930 MHz : 3.821 dBm Delta1 : 16.914 MHz : 0.519 dB T1 : 5816.062 MHz : -6.065 dBm T2 : 5833.858 MHz : -4.902 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 16.914 MHz Measured 99% Bandwidth: 17.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

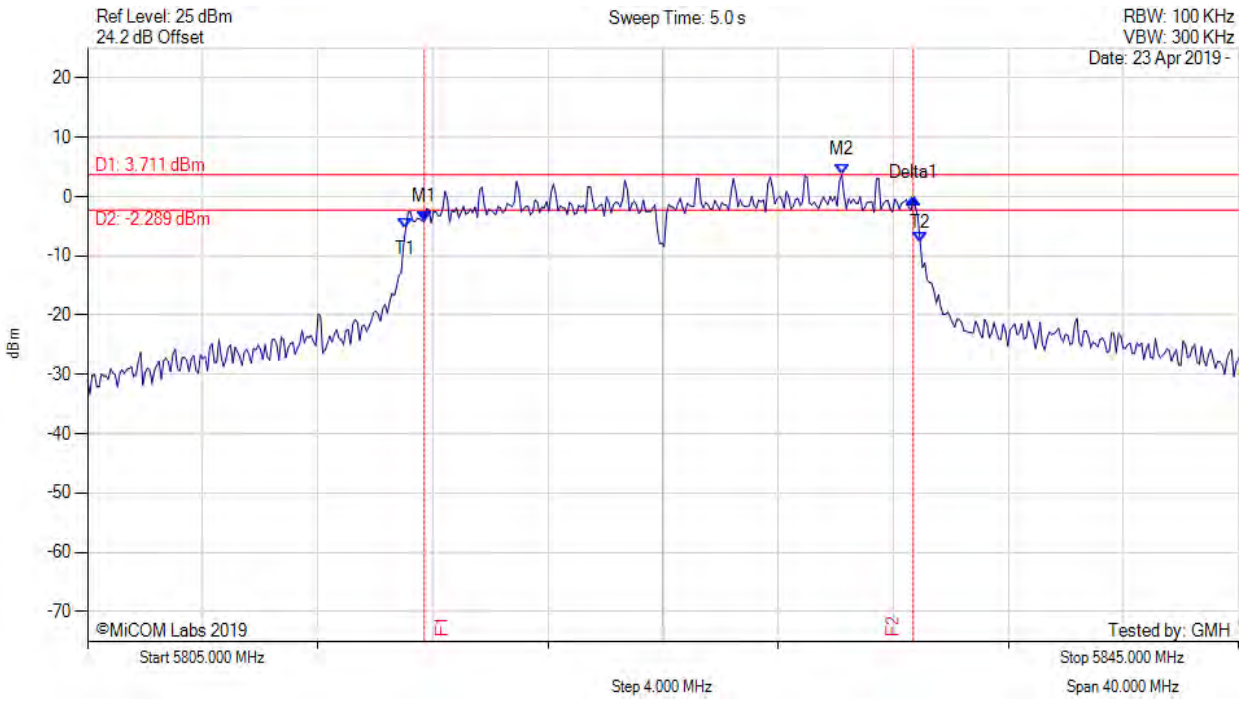


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5816.142 MHz : -2.909 dBm M2 : 5829.930 MHz : 3.638 dBm Delta1 : 17.475 MHz : -0.323 dB T1 : 5816.142 MHz : -2.909 dBm T2 : 5833.858 MHz : -4.607 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.475 MHz Measured 99% Bandwidth: 17.715 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAX HOLD	M1 : 5816.703 MHz : -4.176 dBm M2 : 5831.212 MHz : 3.711 dBm Delta1 : 16.994 MHz : 3.811 dB T1 : 5816.062 MHz : -5.317 dBm T2 : 5833.938 MHz : -7.735 dBm OBW : 17.876 MHz	Measured 6 dB Bandwidth: 16.994 MHz Measured 99% Bandwidth: 17.876 MHz

back to matrix

A.3. Power Spectral Density

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5184.960 MHz : -3.359 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

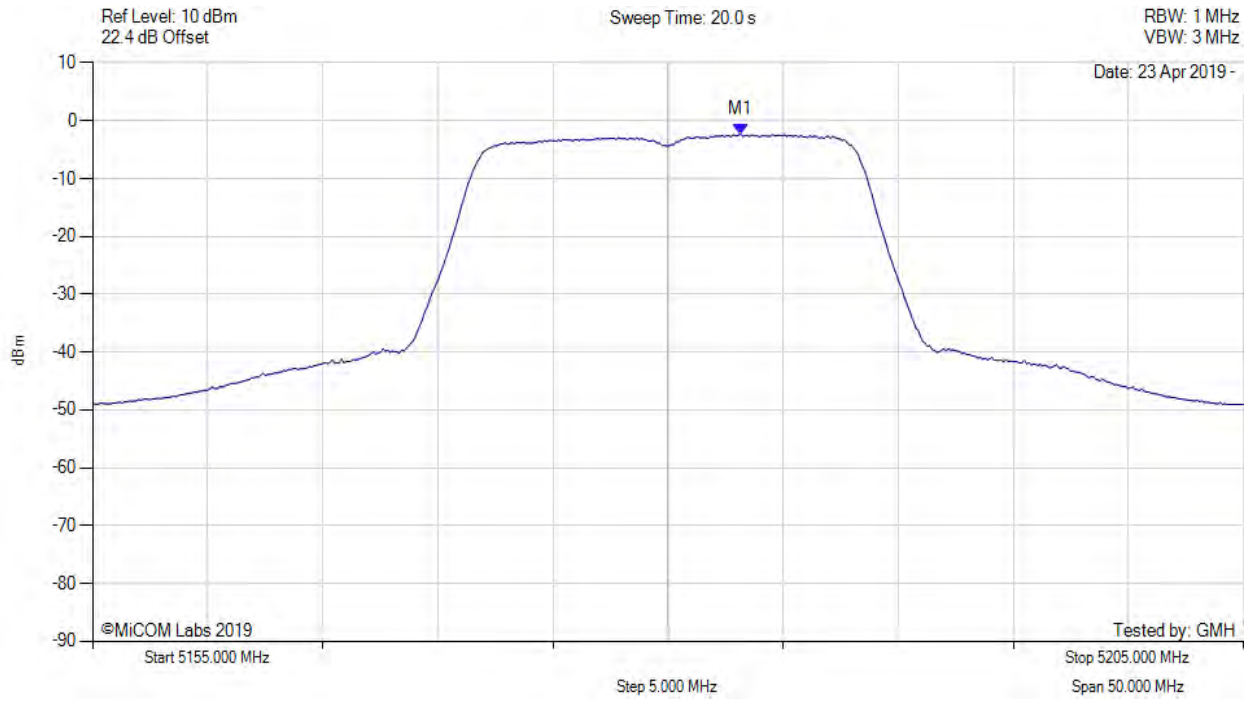
Variant: 802.11a, Channel: 5180.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5185.160 MHz : -2.828 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

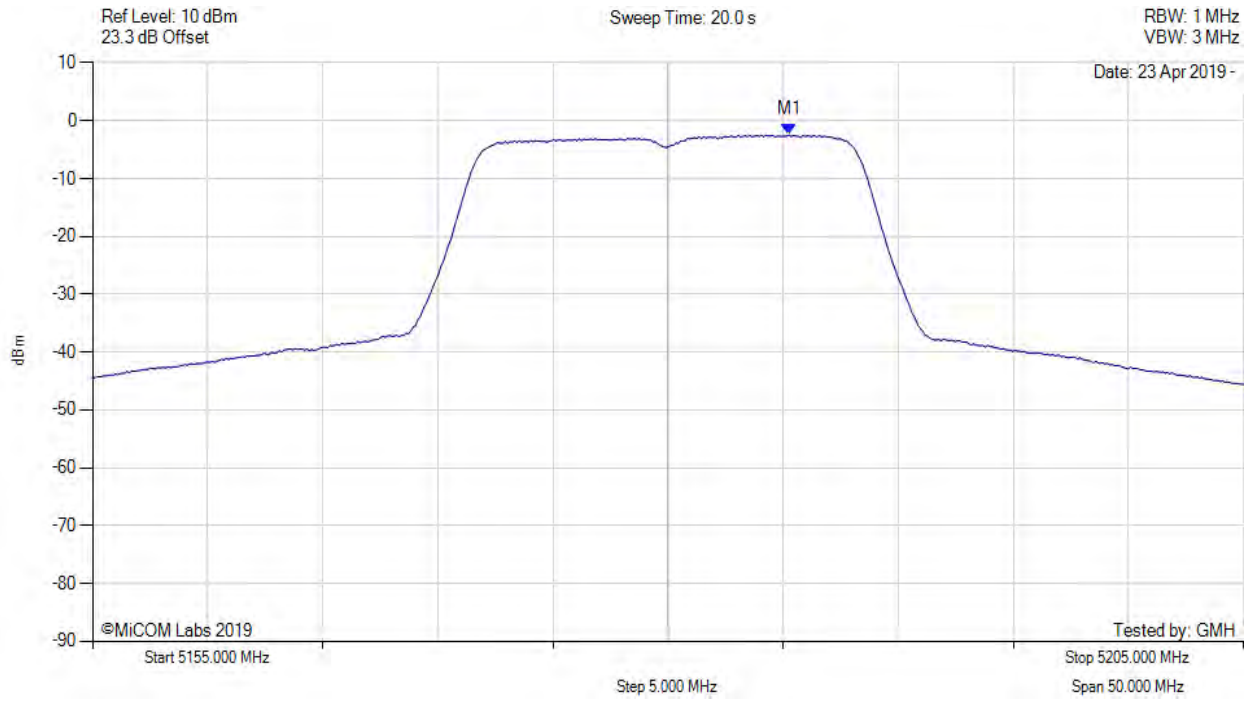


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5183.156 MHz : -2.303 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

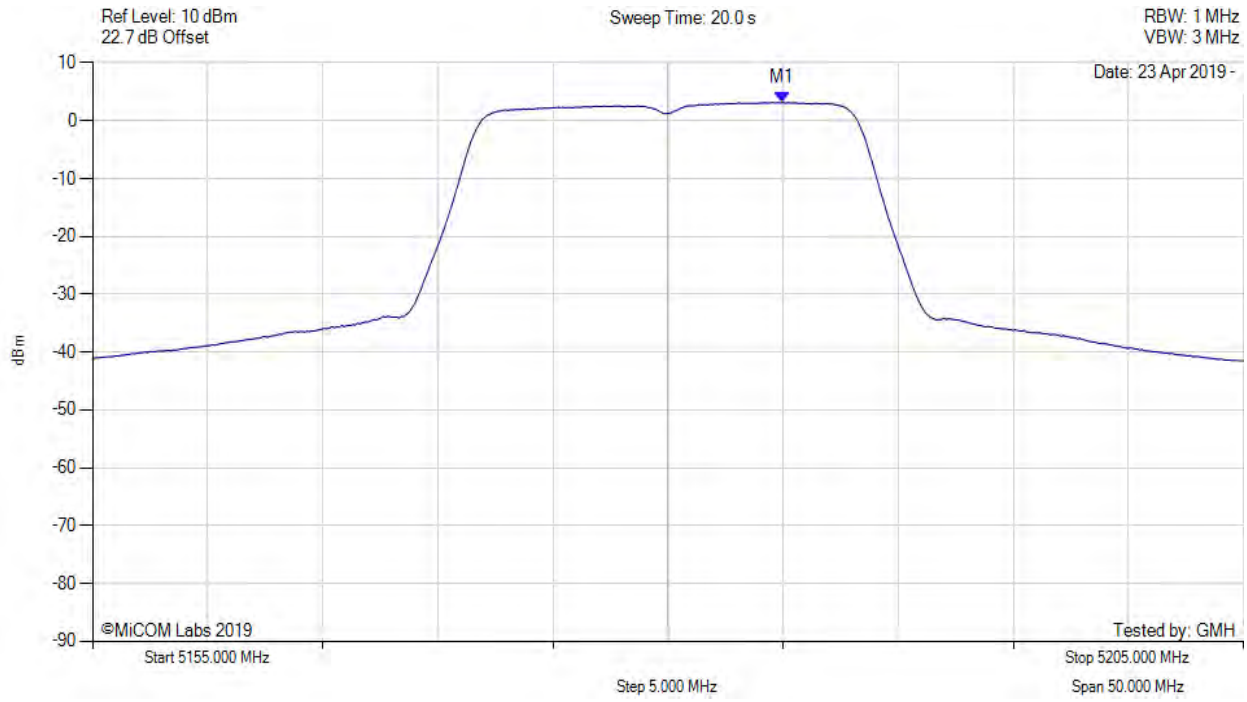


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5185.261 MHz : -2.468 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5185.000 MHz : 3.135 dBm M1 + DCCF : 5185.000 MHz : 6.059 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 17.0 dBm Margin: -11.0 dB

back to matrix

POWER SPECTRAL DENSITY

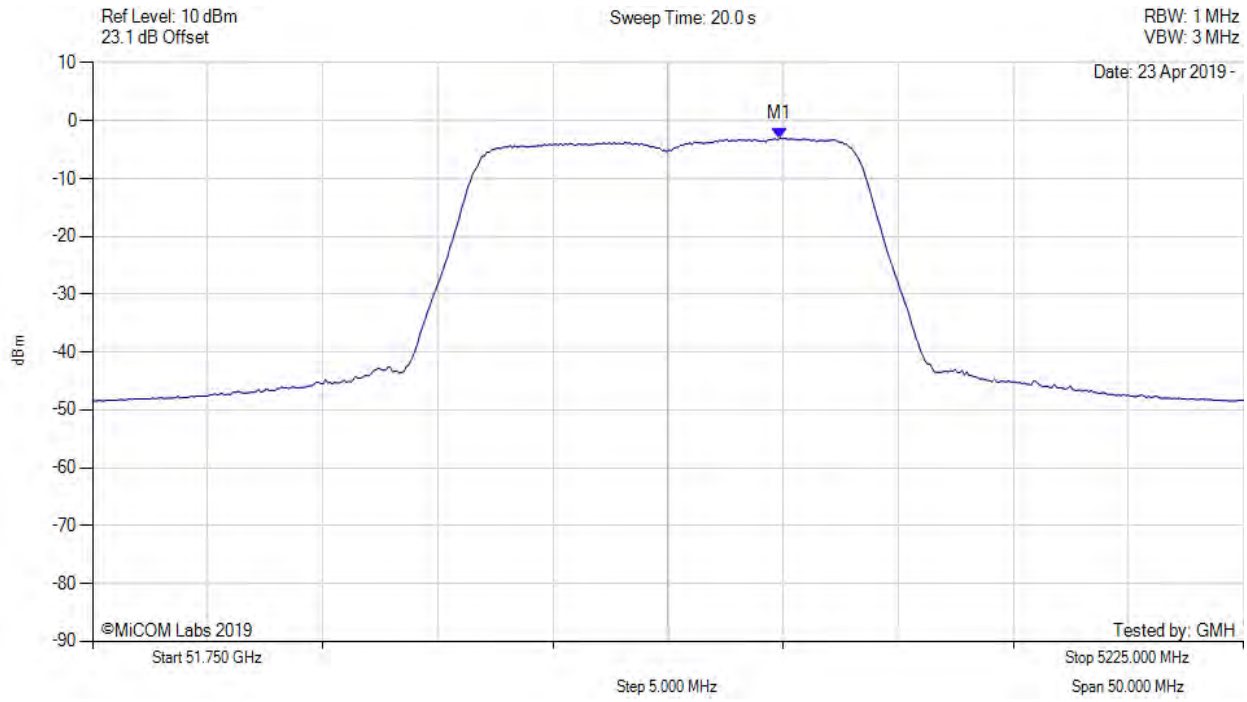
Variant: 802.11a, Channel: 5200.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5204.659 MHz : -3.298 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

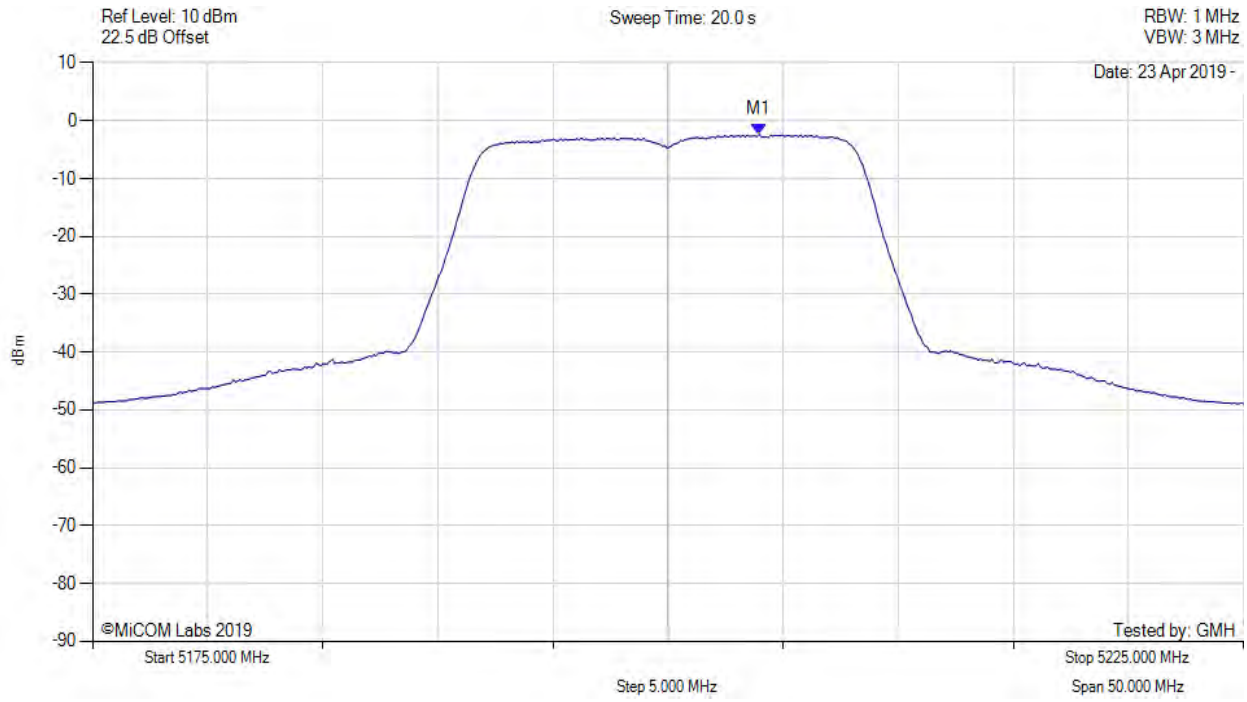


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5204.860 MHz : -3.022 dBm	Channel Frequency: 5200.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5203.958 MHz : -2.361 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

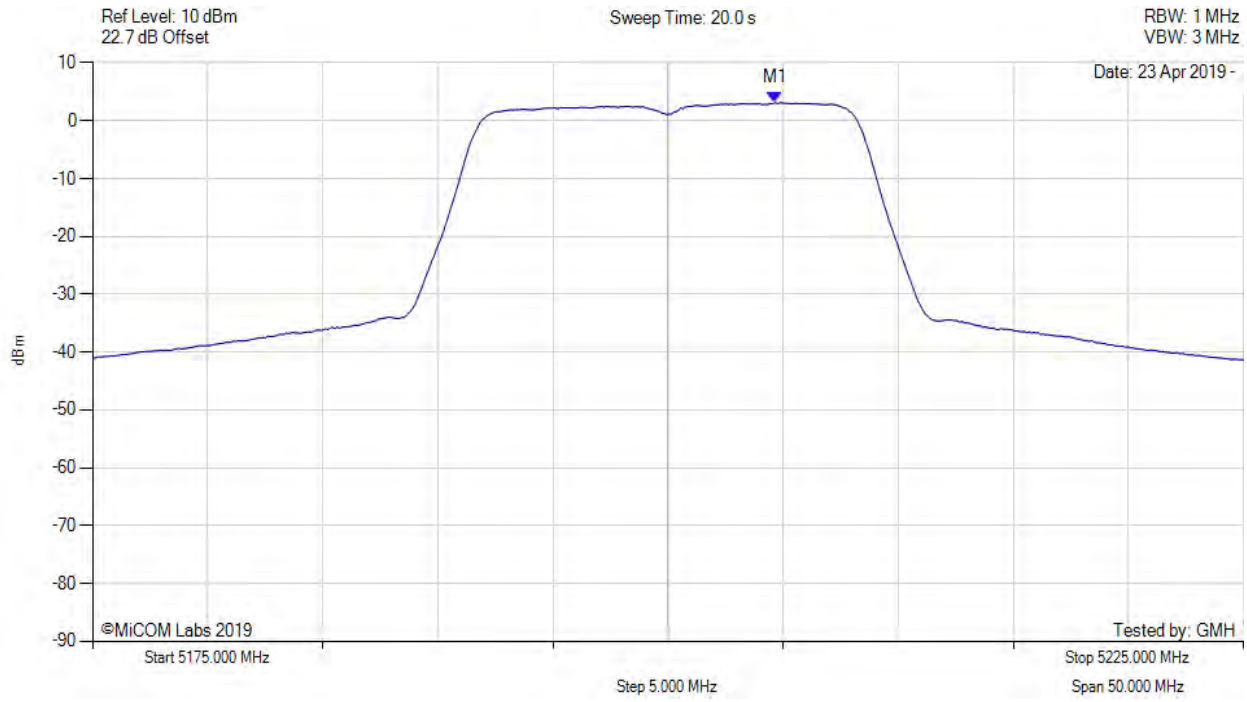
Variant: 802.11a, Channel: 5200.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5204.860 MHz : -2.614 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5204.700 MHz : 3.130 dBm M1 + DCCF : 5204.700 MHz : 6.054 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 17.0 dBm Margin: -11.0 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5246.263 MHz : -2.828 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

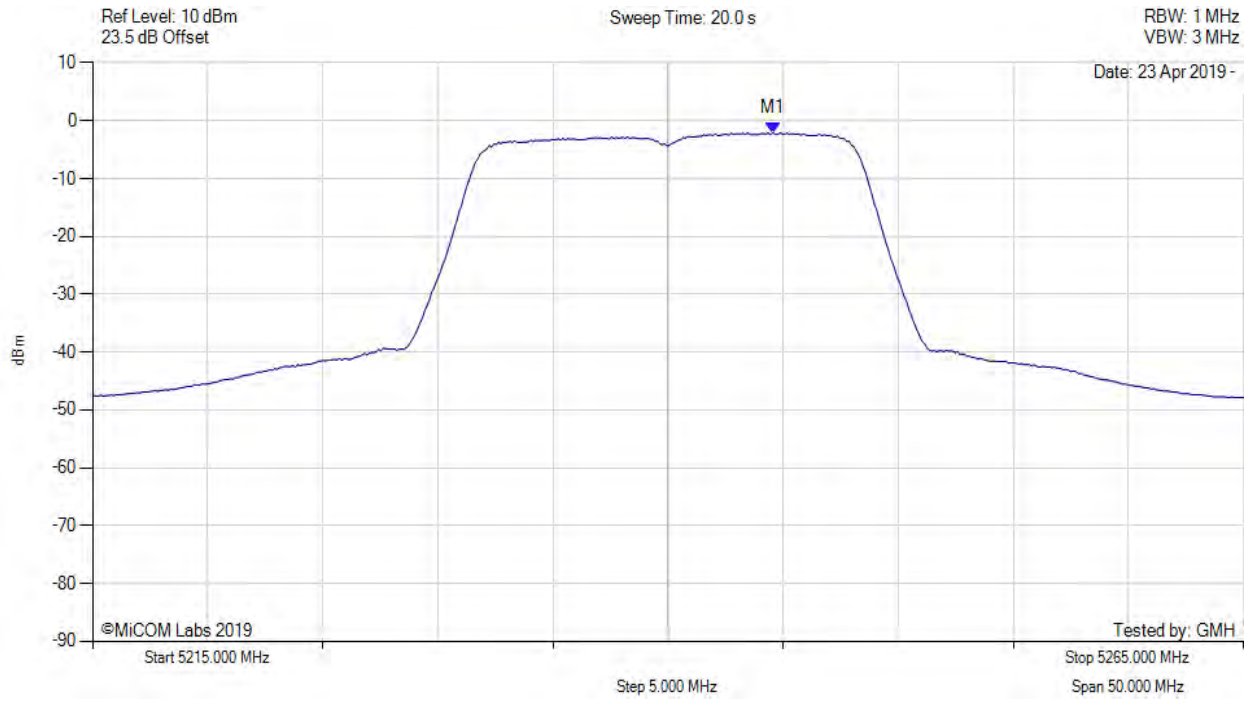
Variant: 802.11a, Channel: 5240.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5245.160 MHz : -2.873 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

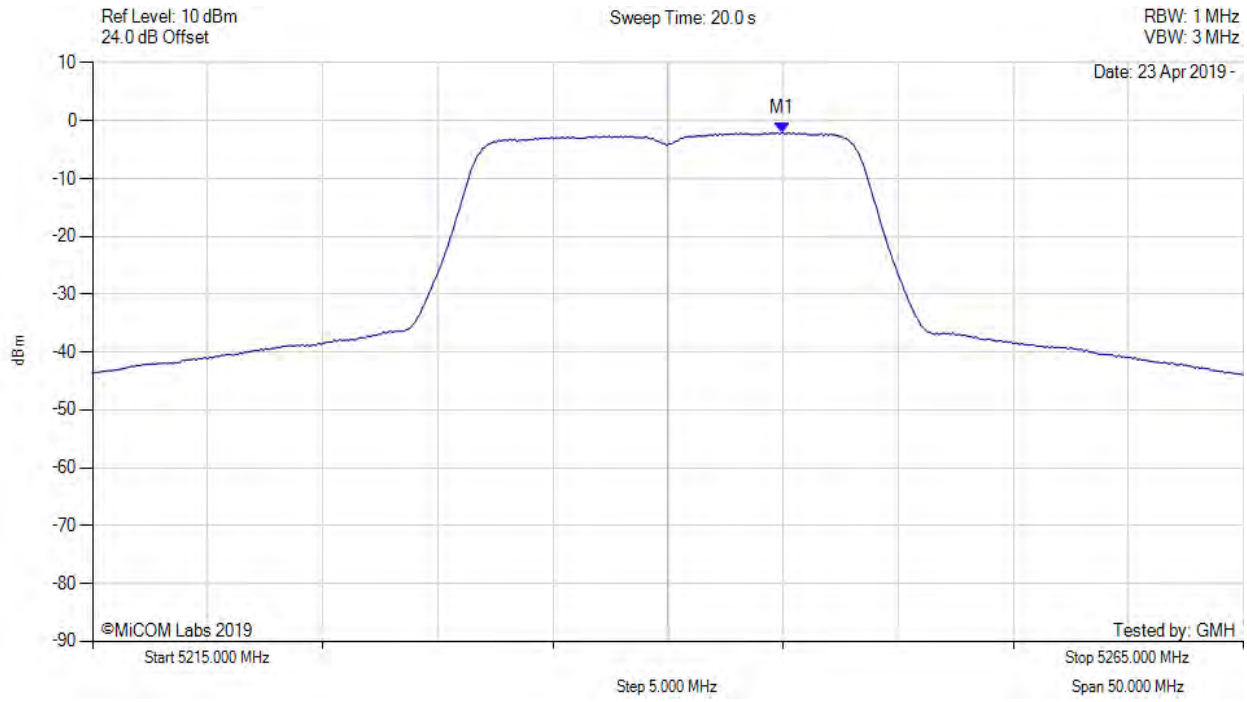


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5244.559 MHz : -2.072 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

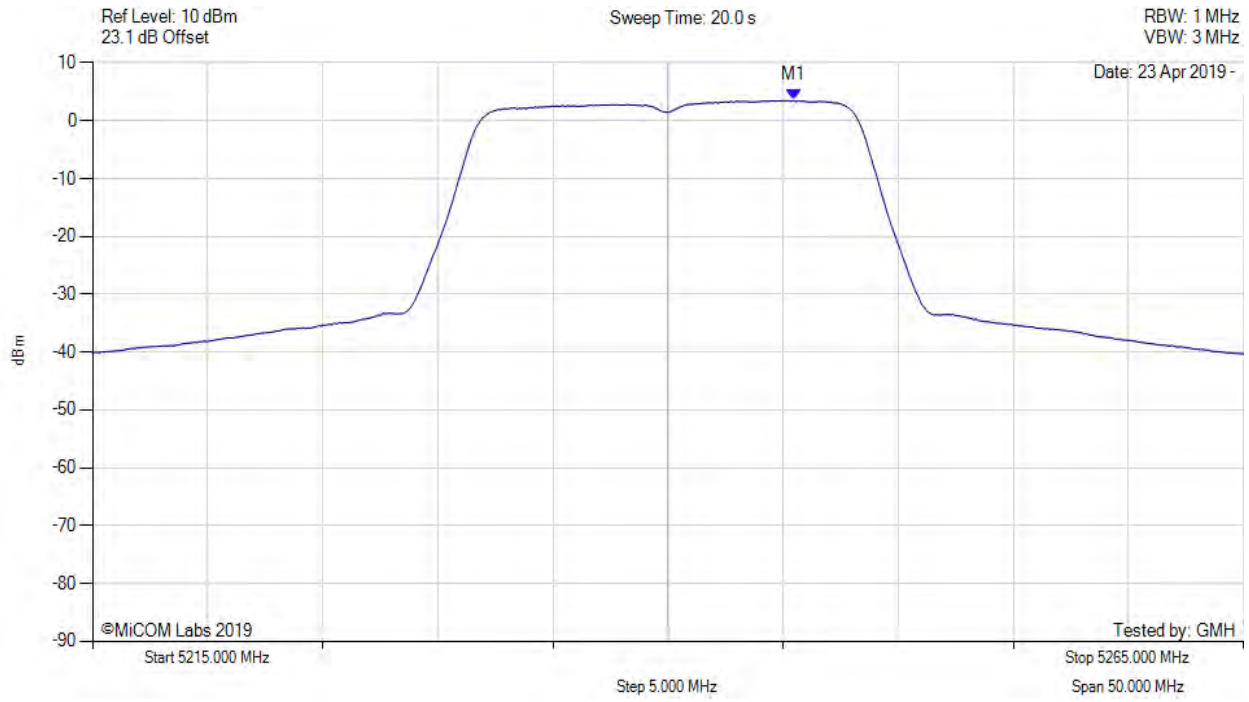


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5244.960 MHz : -2.030 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

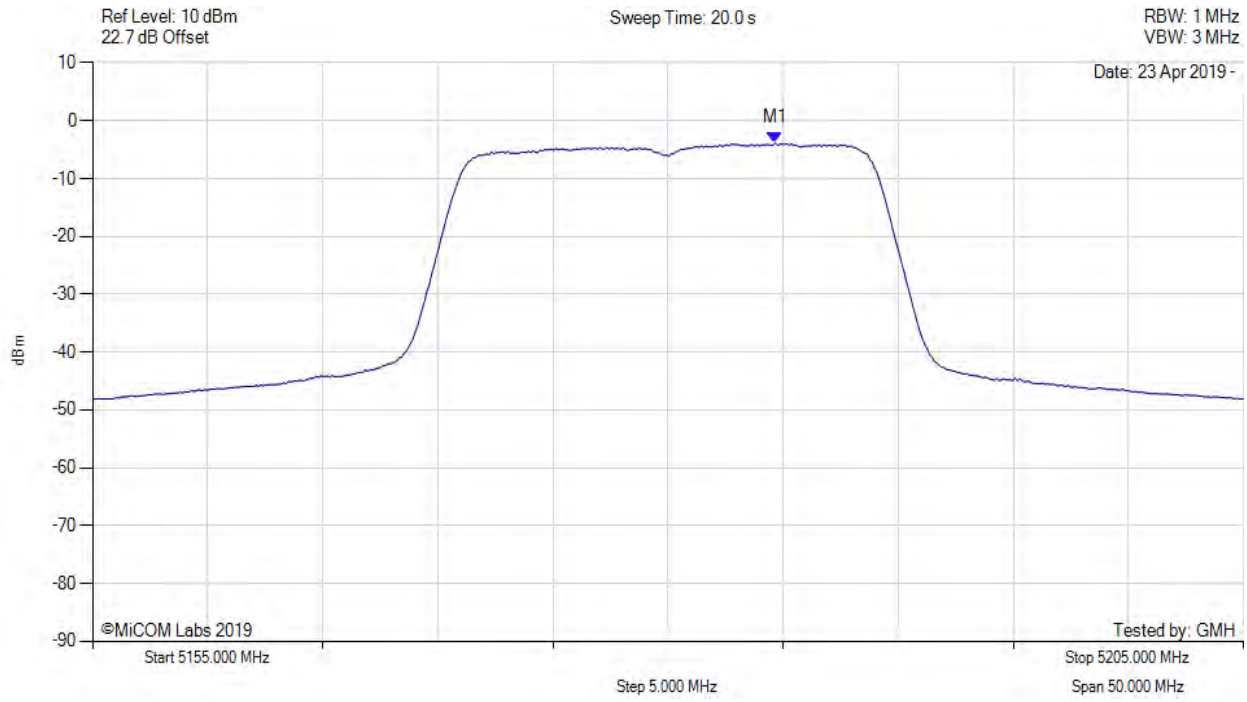


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5245.500 MHz : 3.511 dBm M1 + DCCF : 5245.500 MHz : 6.435 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 17.0 dBm Margin: -10.6 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

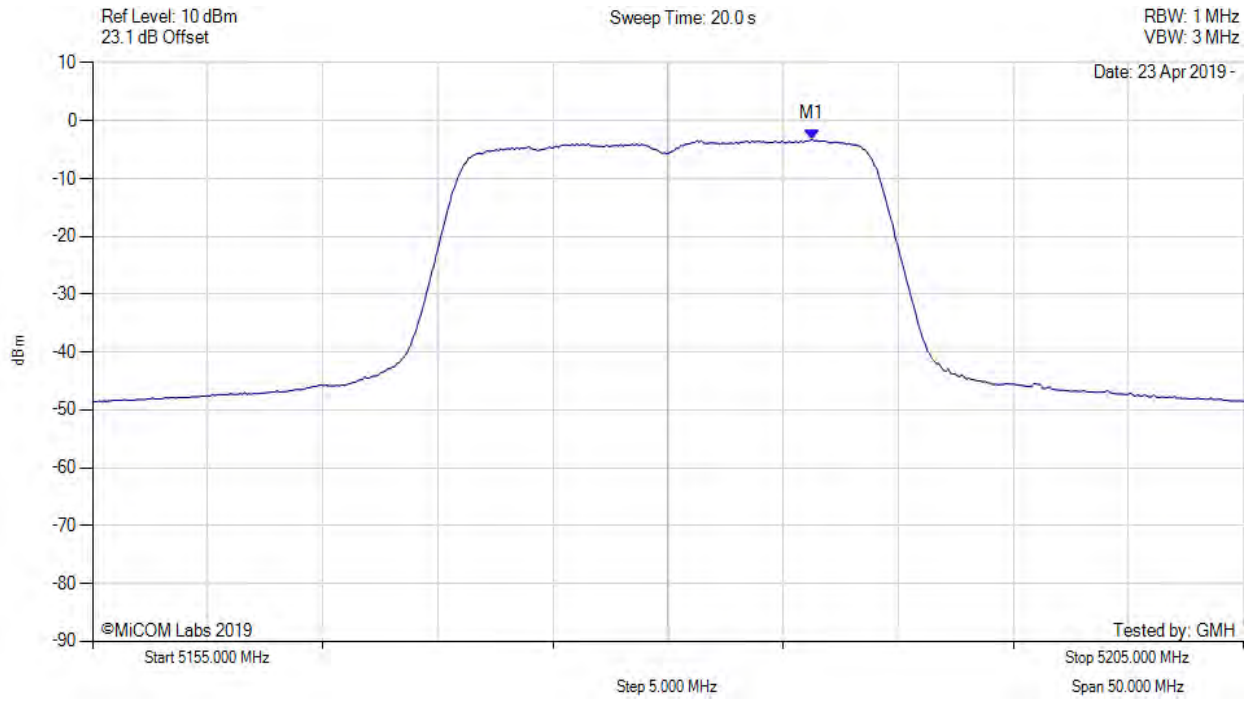


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5184.659 MHz : -3.852 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

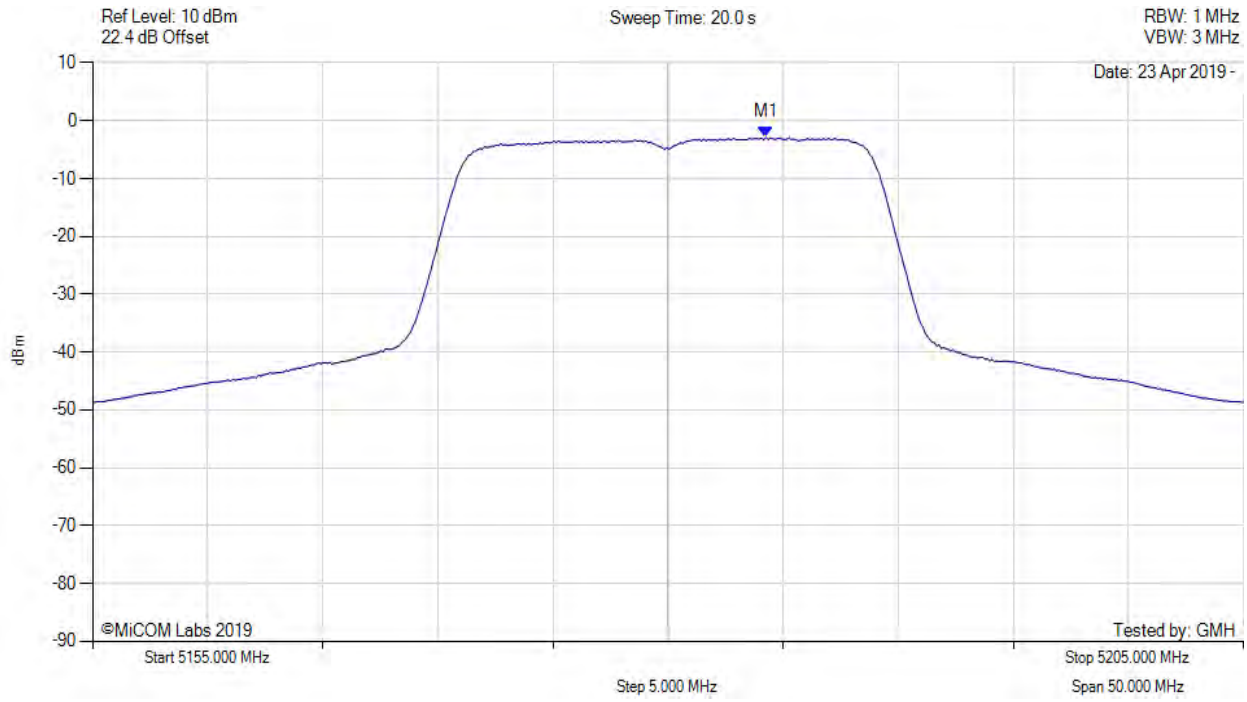


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5186.263 MHz : -3.212 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

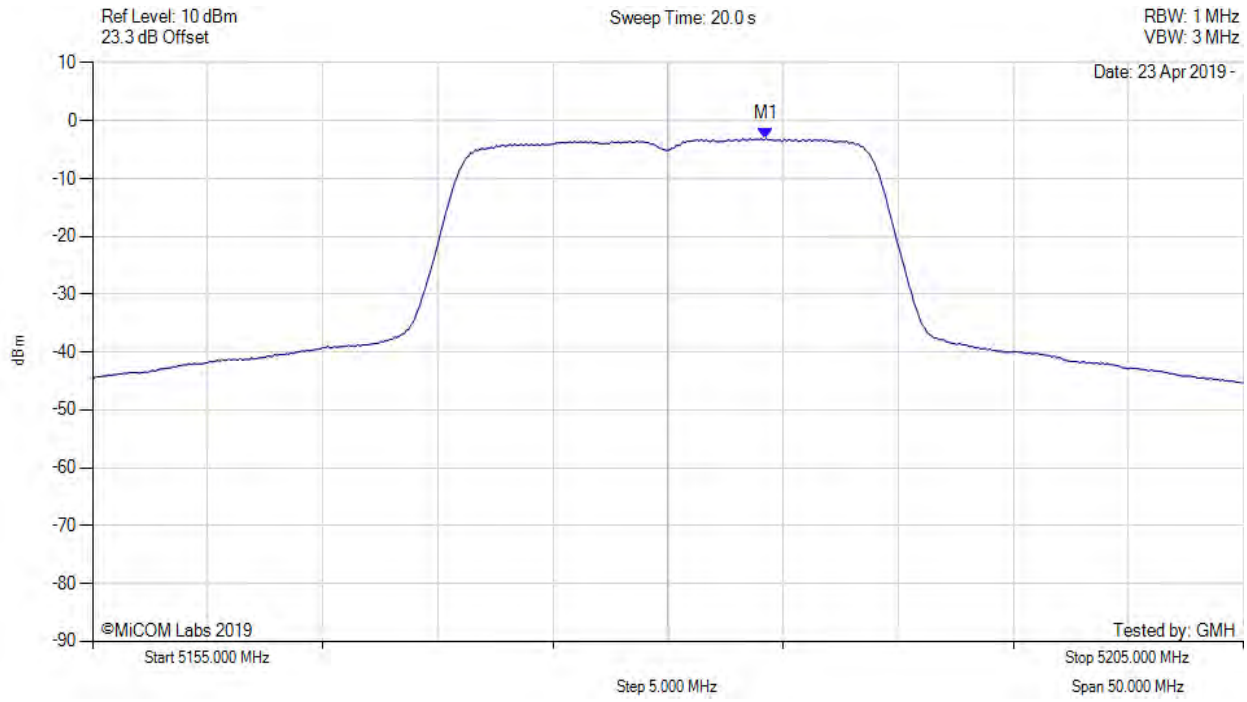


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5184.259 MHz : -2.922 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

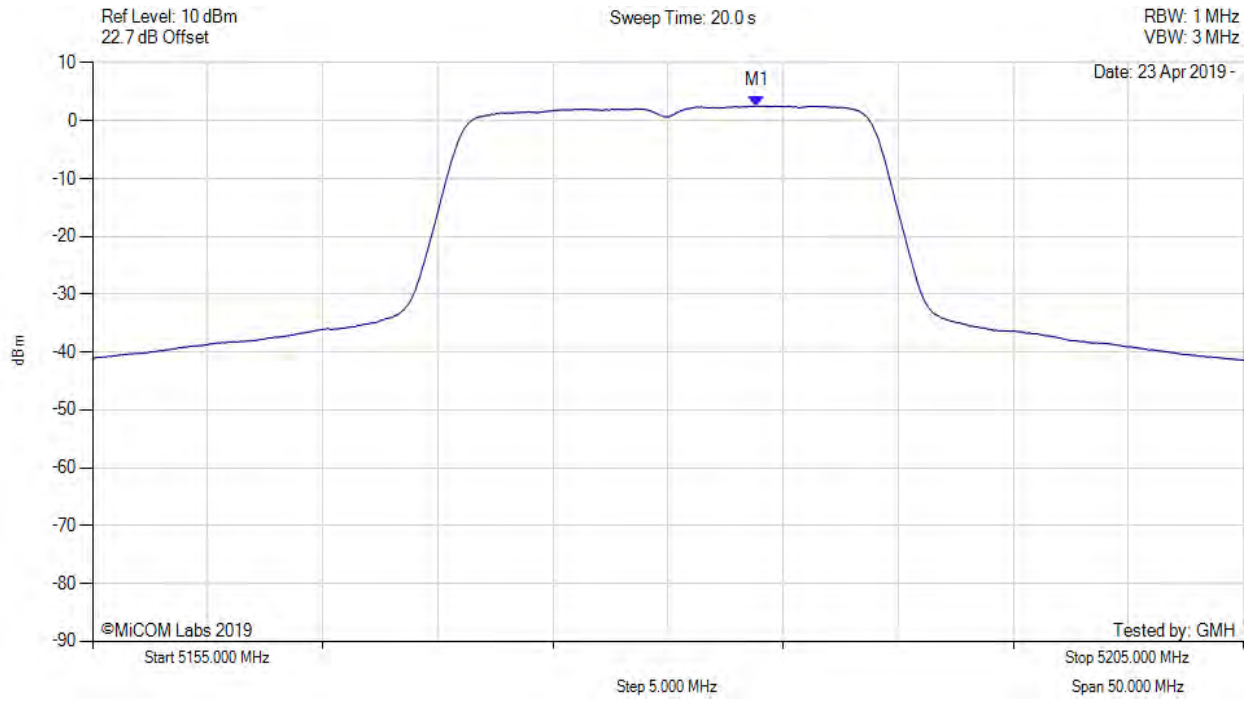


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5184.259 MHz : -3.079 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

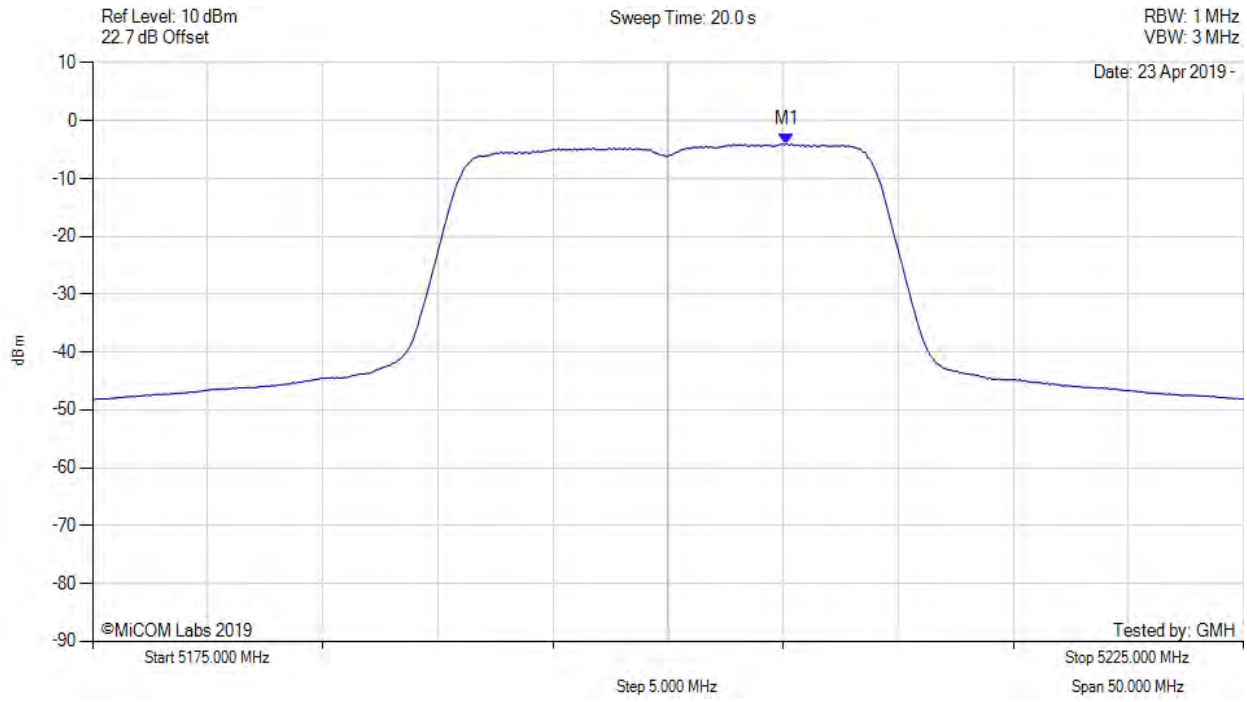


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5183.900 MHz : 4.73 dBm Correction Factor : +4.36 dB	Limit: ≤ 17.0 dBm Margin: -11.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

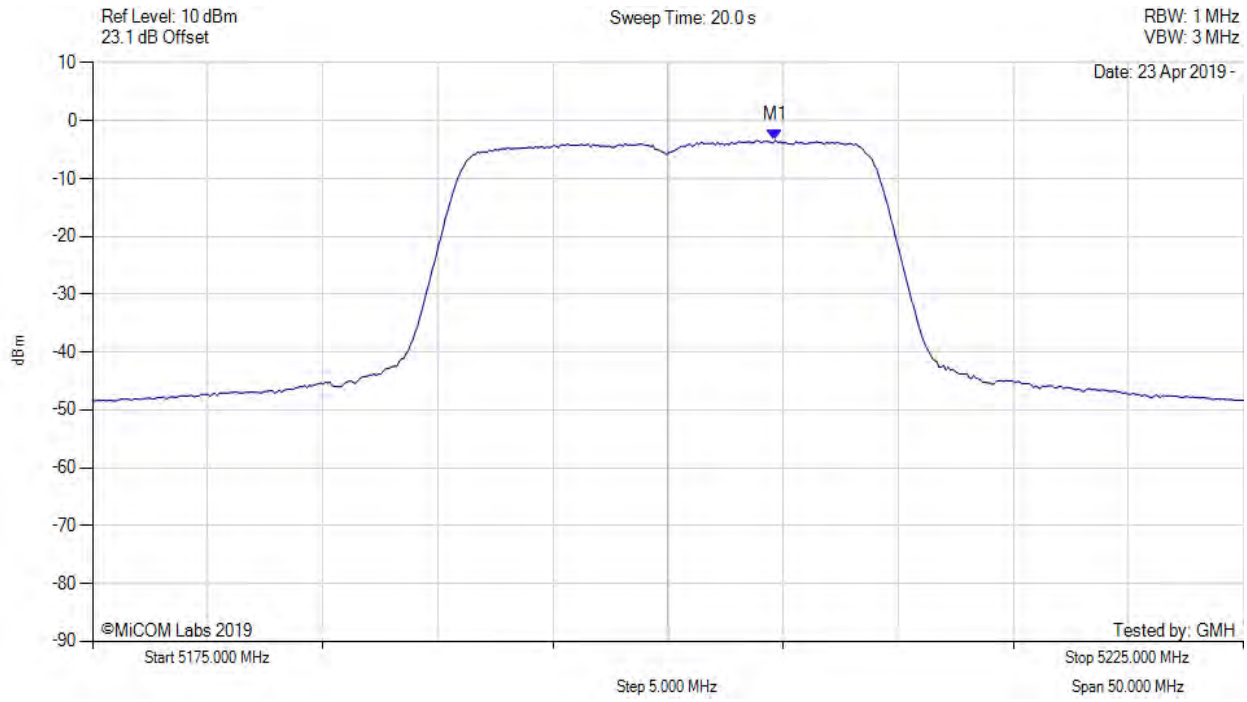


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5205.160 MHz : -3.961 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

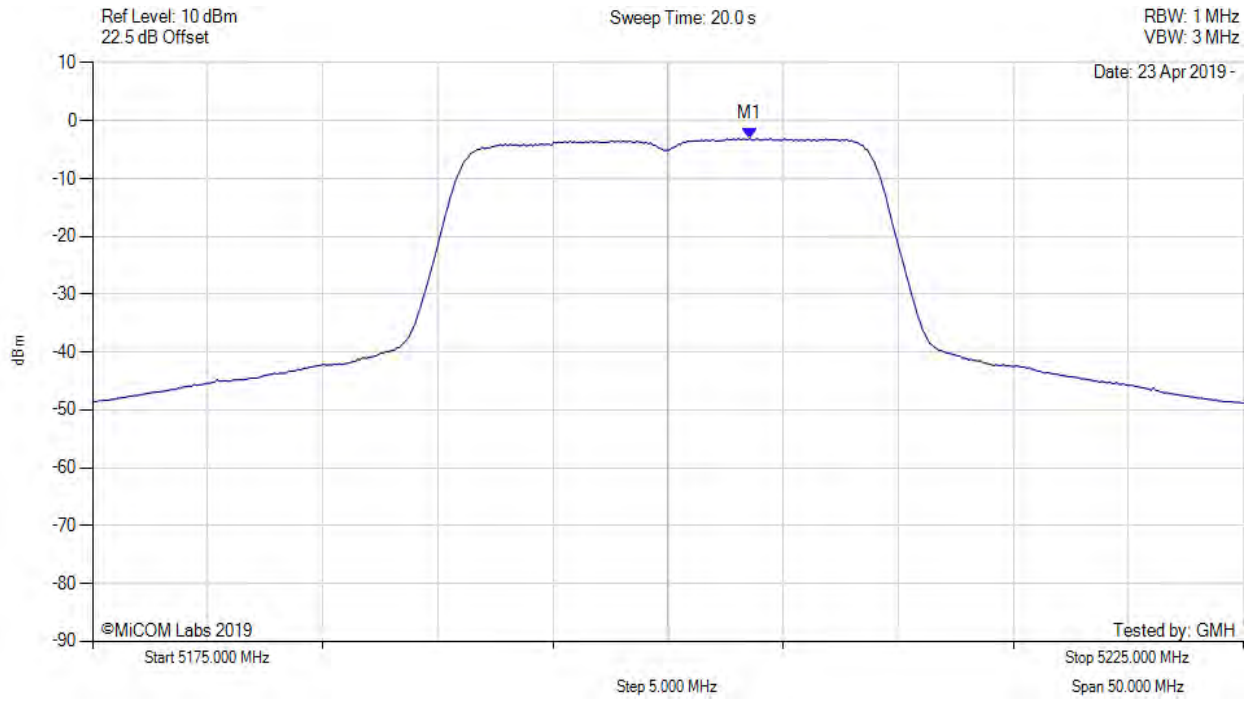


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5204.659 MHz : -3.395 dBm	Channel Frequency: 5200.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5203.557 MHz : -3.072 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

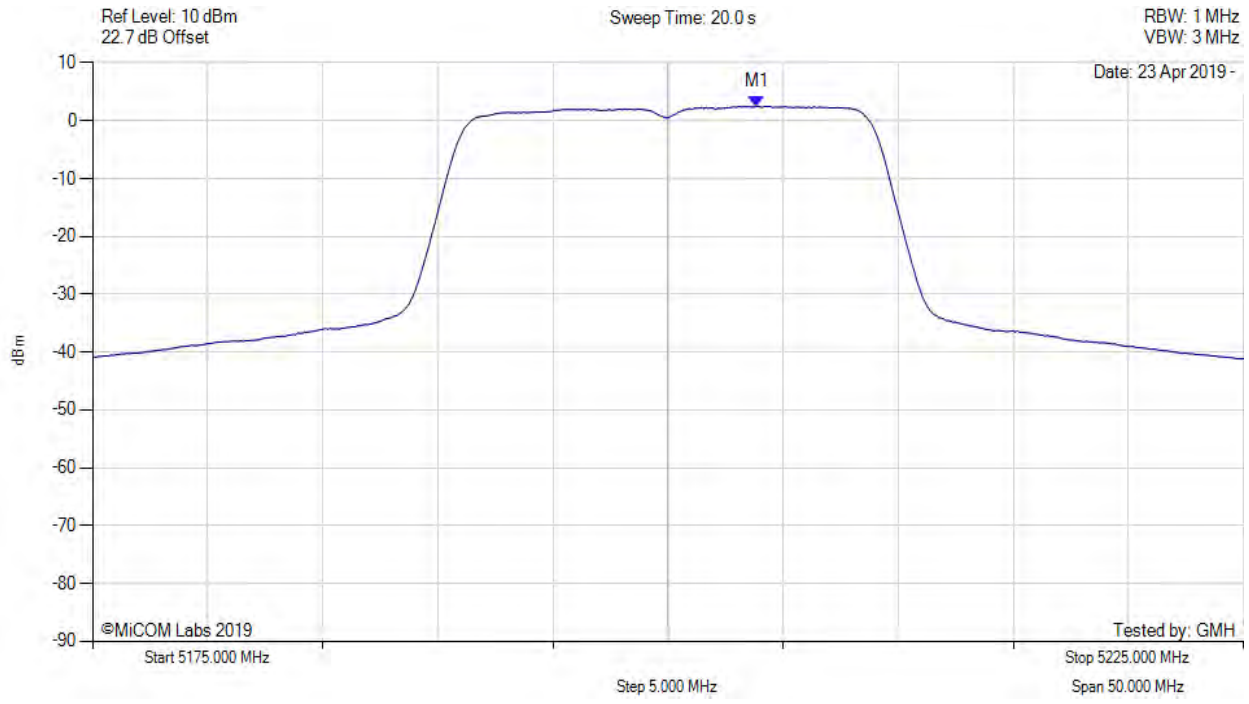
Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5204.158 MHz : -3.099 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

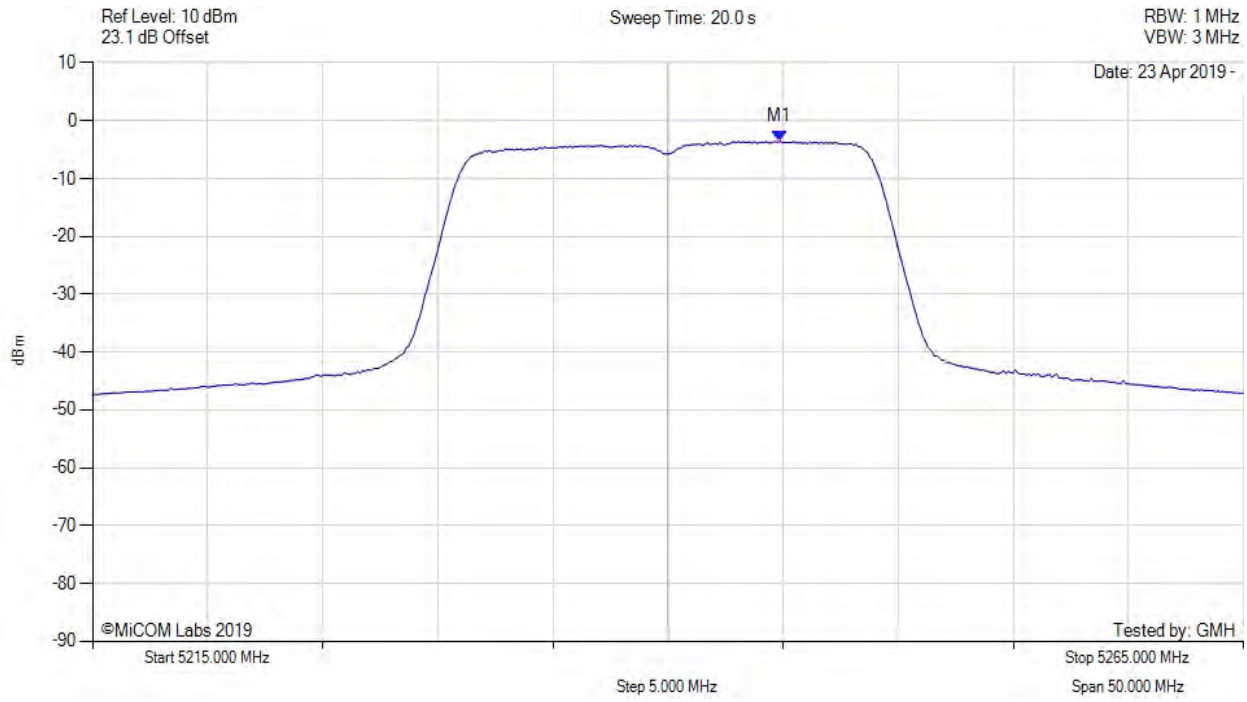


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5203.900 MHz : 4.70 dBm Correction Factor : +4.36 dB	Limit: ≤ 17.0 dBm Margin: -11.3 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

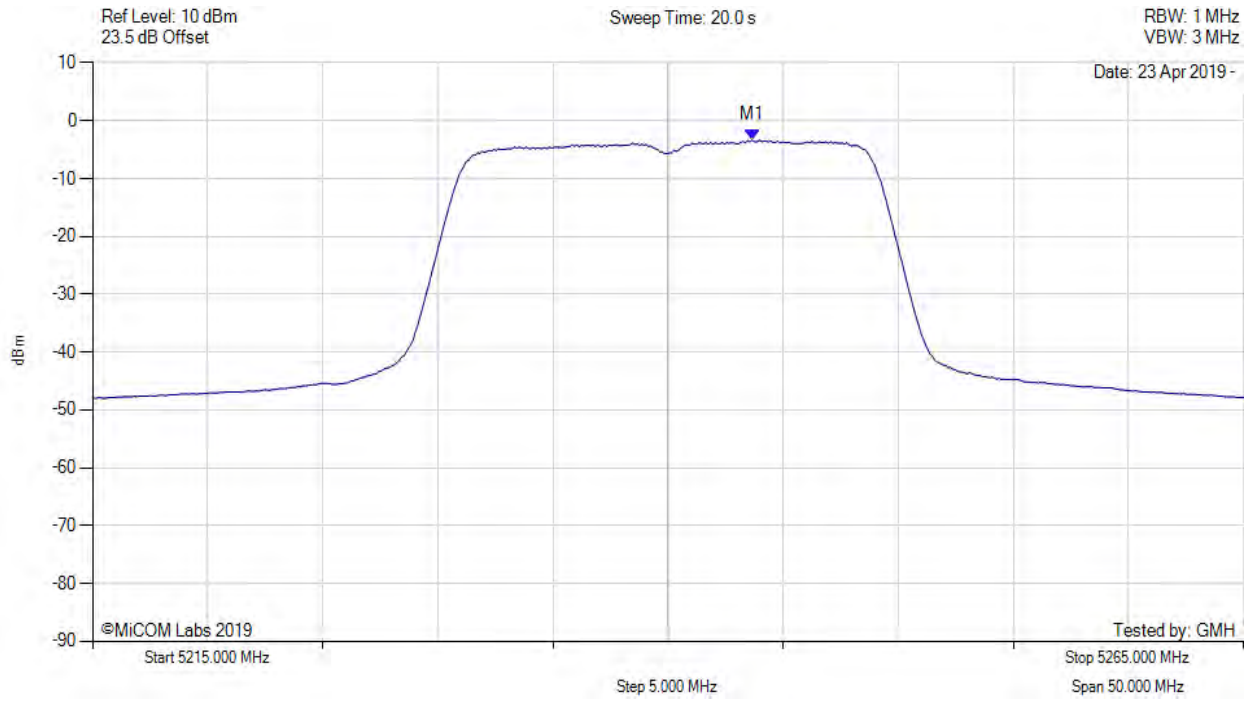


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5244.860 MHz : -3.955 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

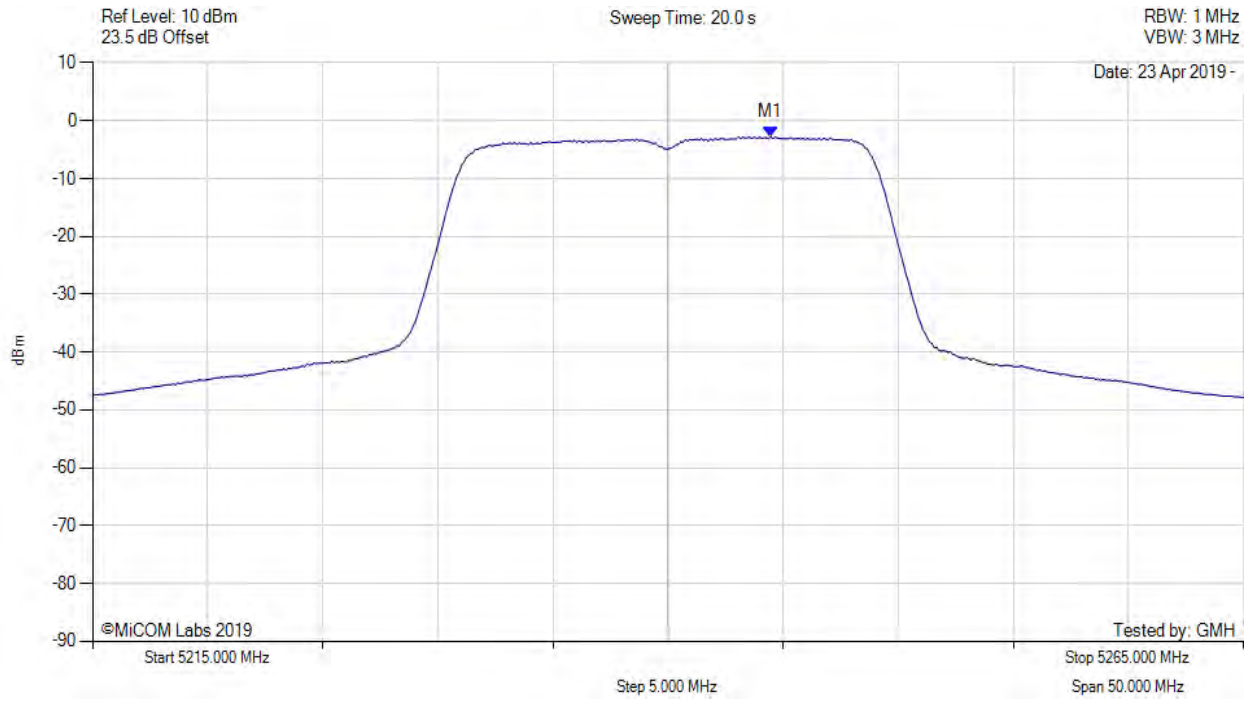


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5243.657 MHz : -3.754 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

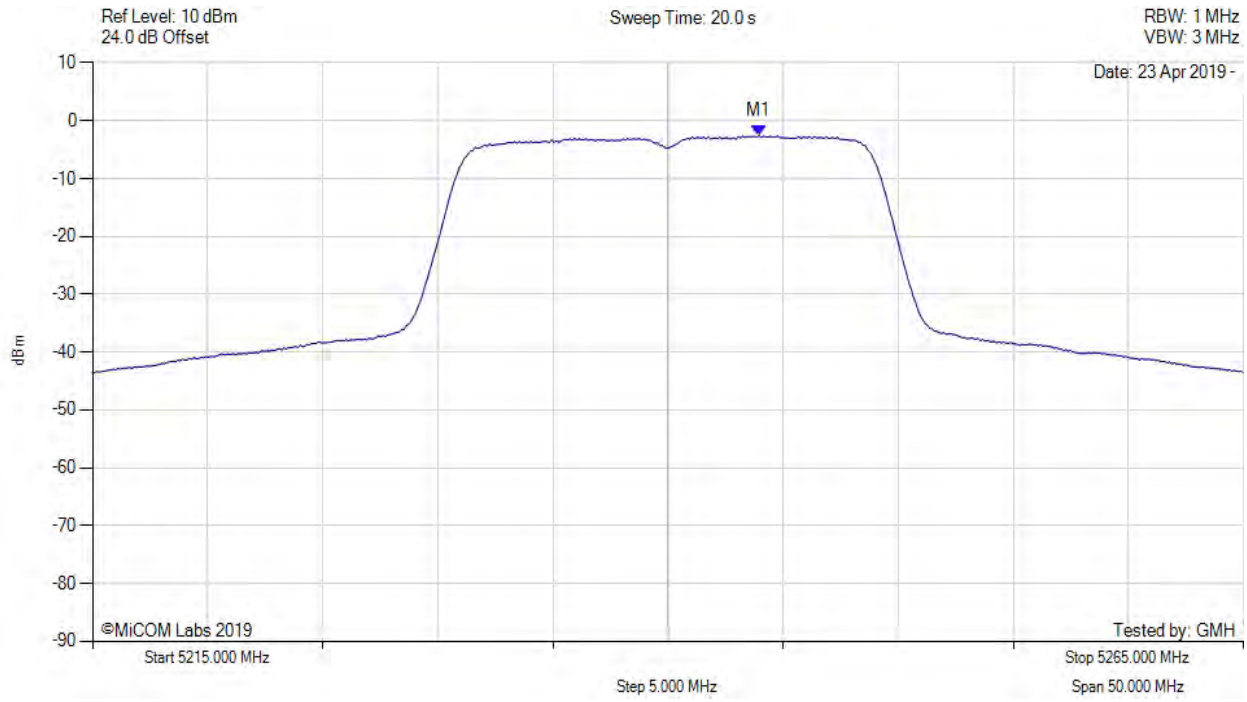


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5244.459 MHz : -3.205 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

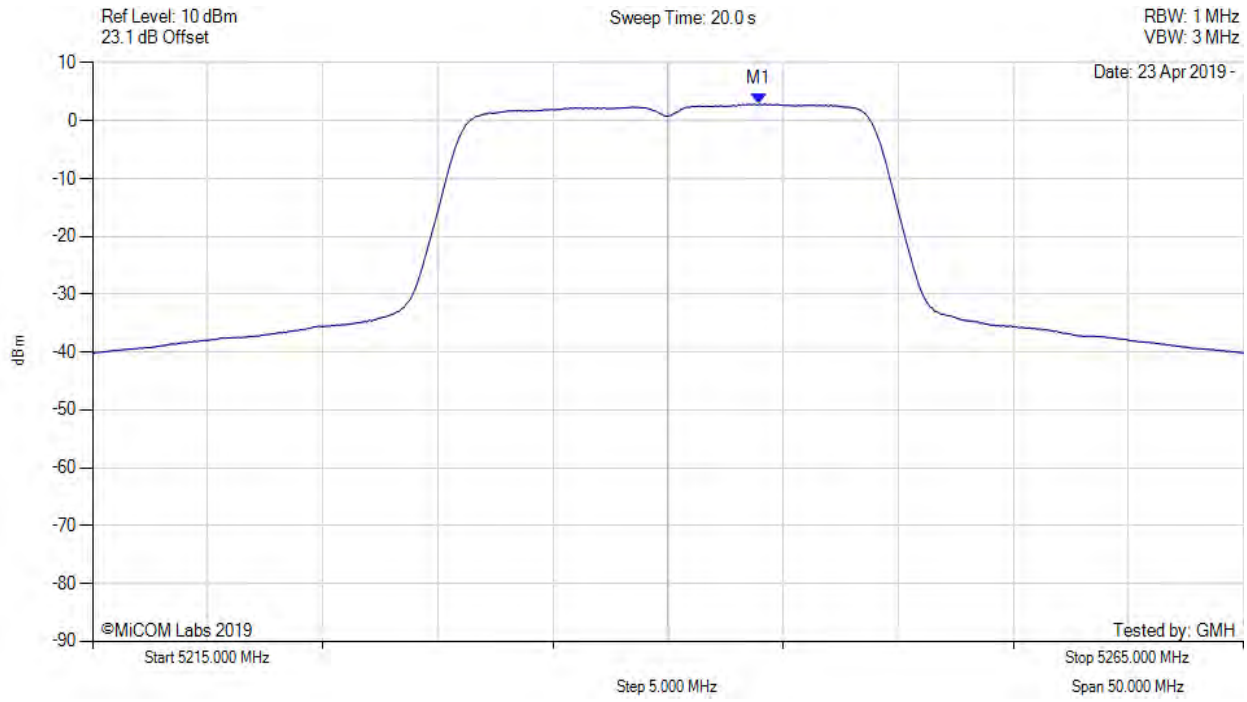


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5243.958 MHz : -3.000 dBm	Limit: ≤ 10.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5244.000 MHz : 4.68 dBm Correction Factor : +4.36 dB	Limit: ≤ 17.0 dBm Margin: -10.9 dB

back to matrix

POWER SPECTRAL DENSITY

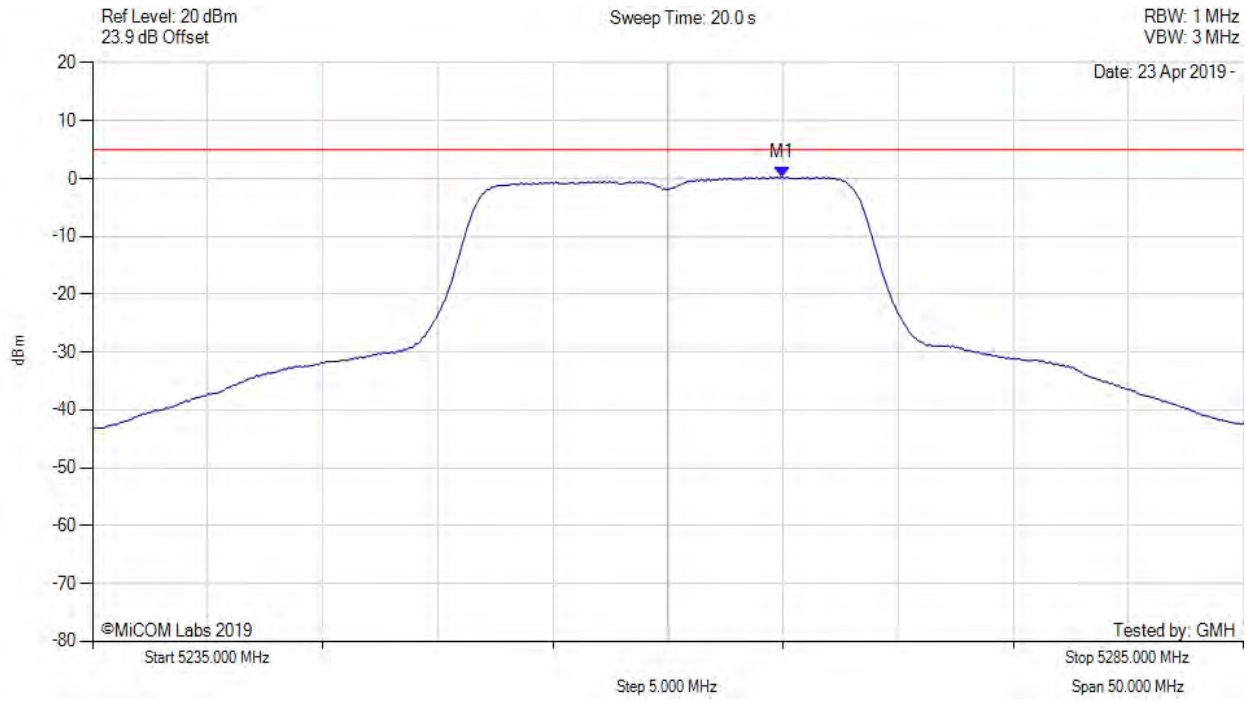
Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5264.960 MHz : 0.158 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

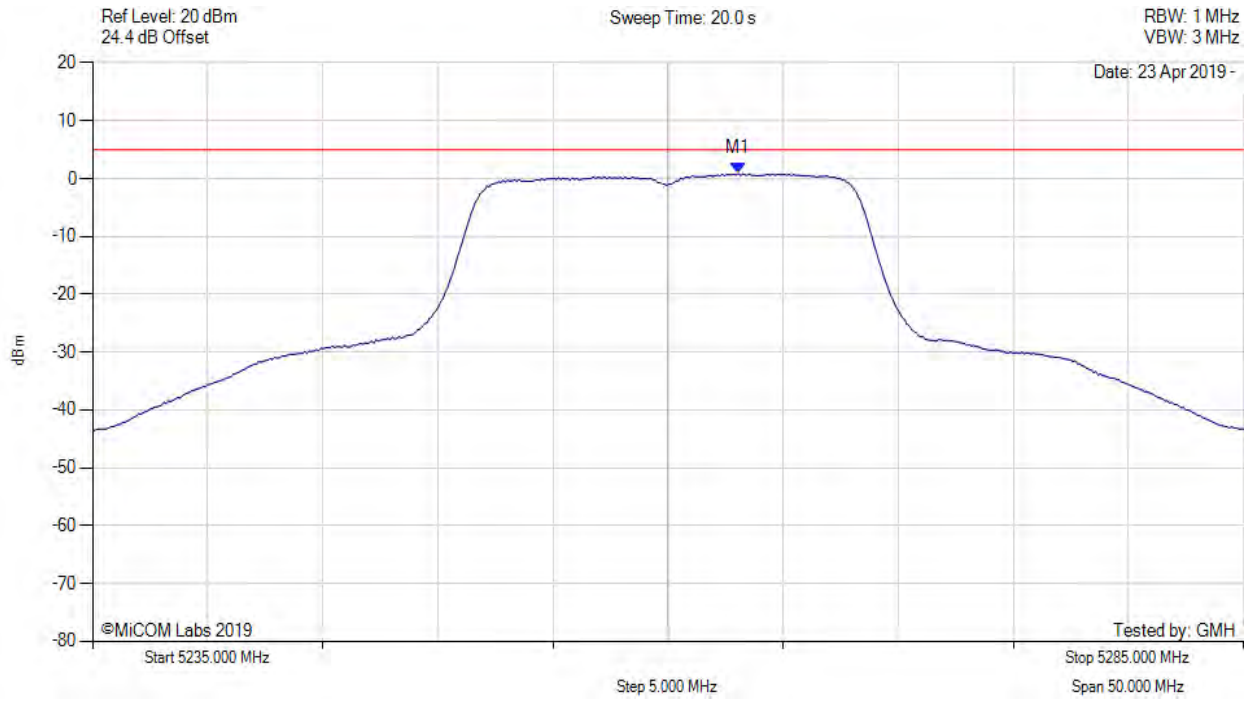


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5264.960 MHz : 0.291 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

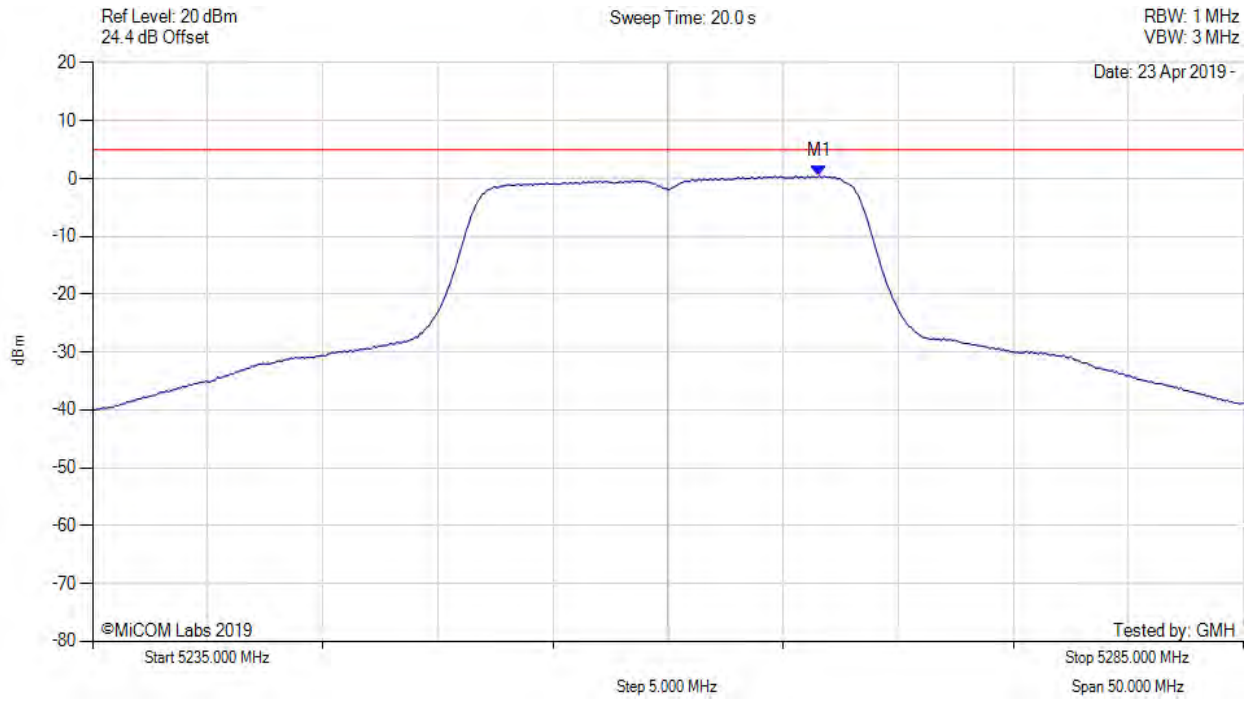


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5263.056 MHz : 0.858 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5266.563 MHz : 0.453 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

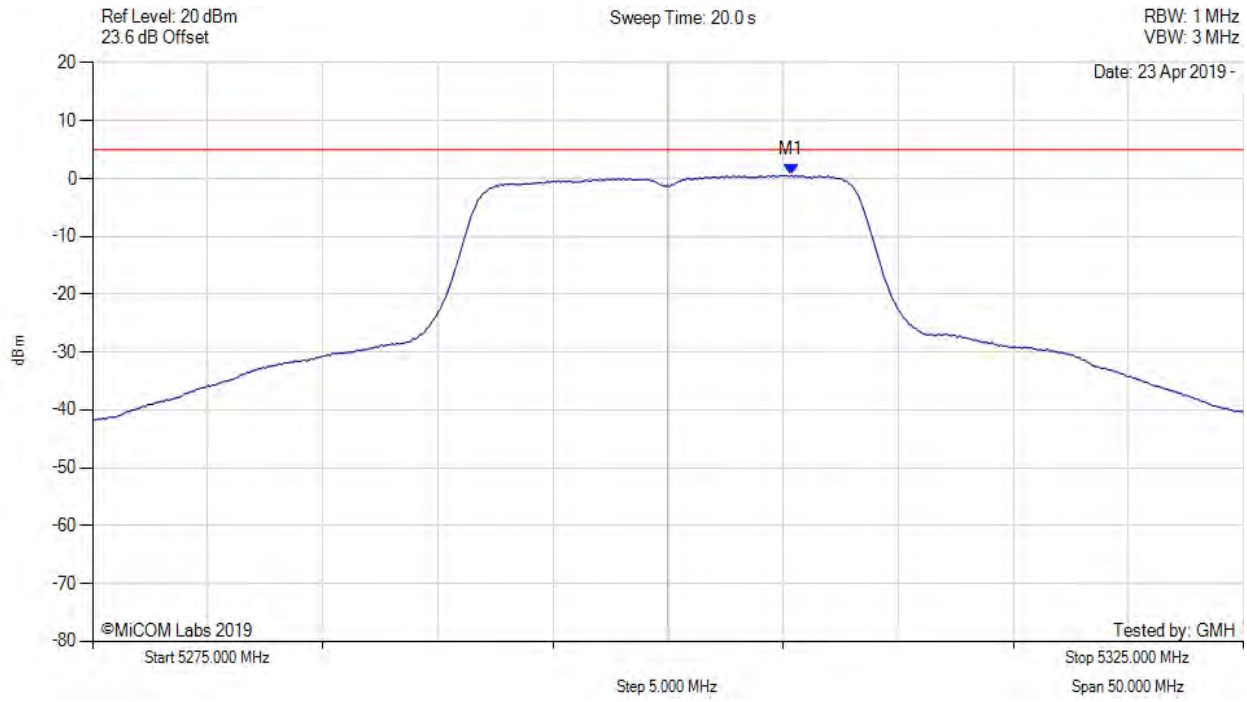
Variant: 802.11a, Channel: 5260.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5265.000 MHz : 6.372 dBm M1 + DCCF : 5265.000 MHz : 9.296 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 11.0 dBm Margin: -1.7 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

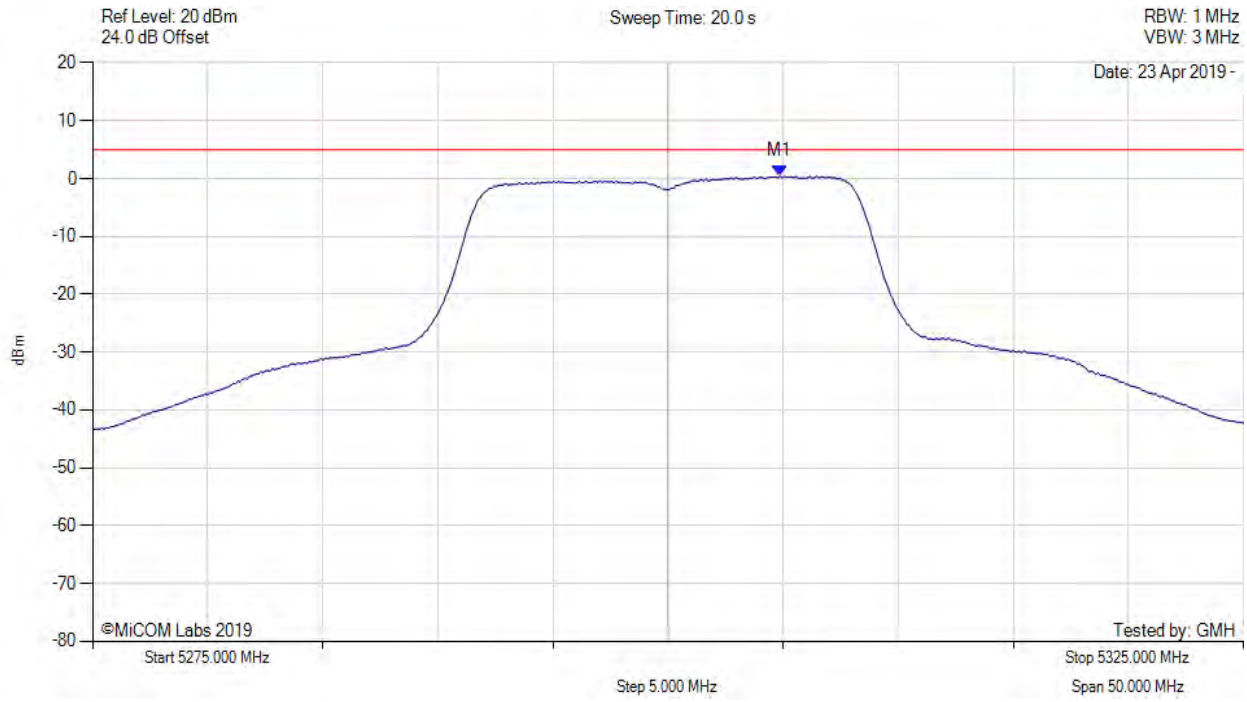


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5305.361 MHz : 0.577 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

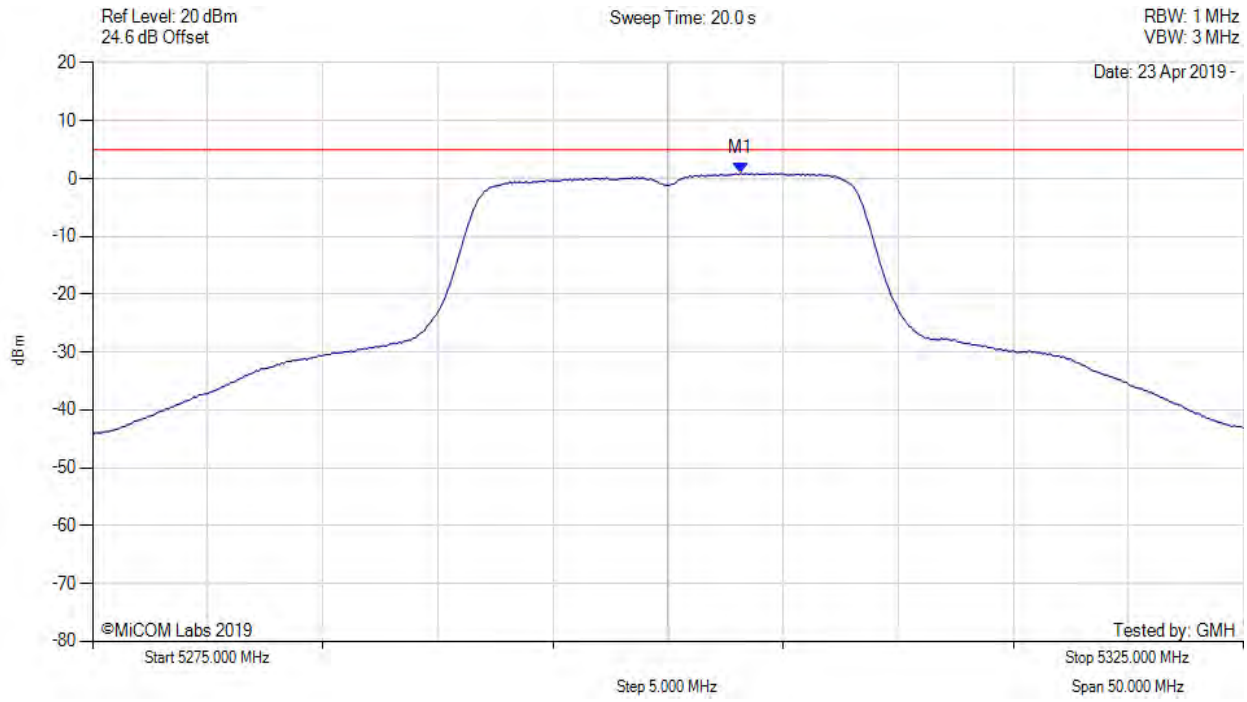


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5304.860 MHz : 0.432 dBm	Channel Frequency: 5300.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

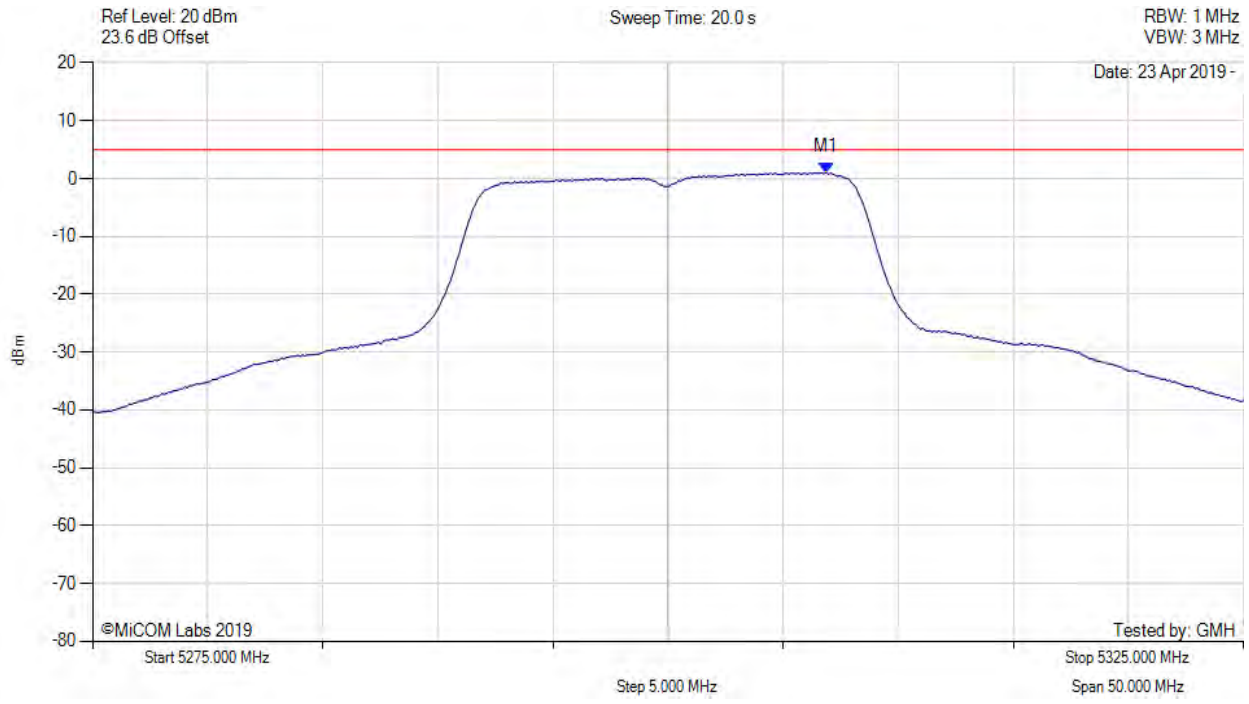


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5303.156 MHz : 0.896 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

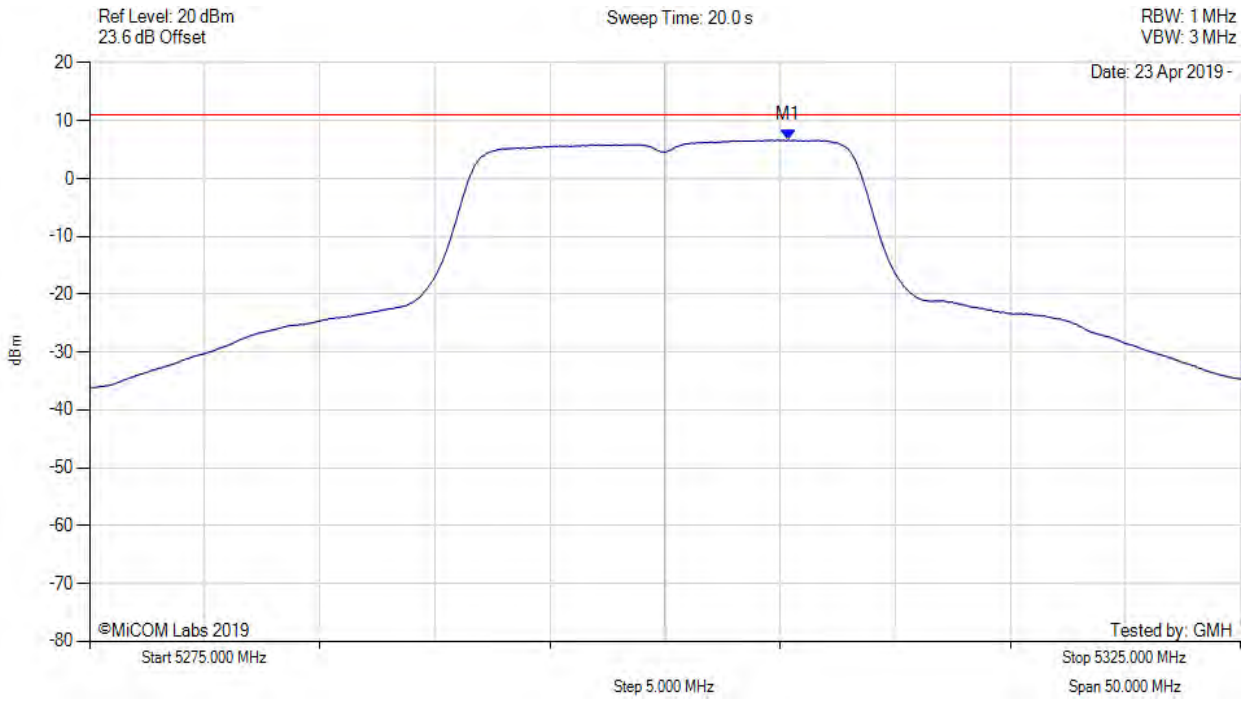


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5306.864 MHz : 1.036 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

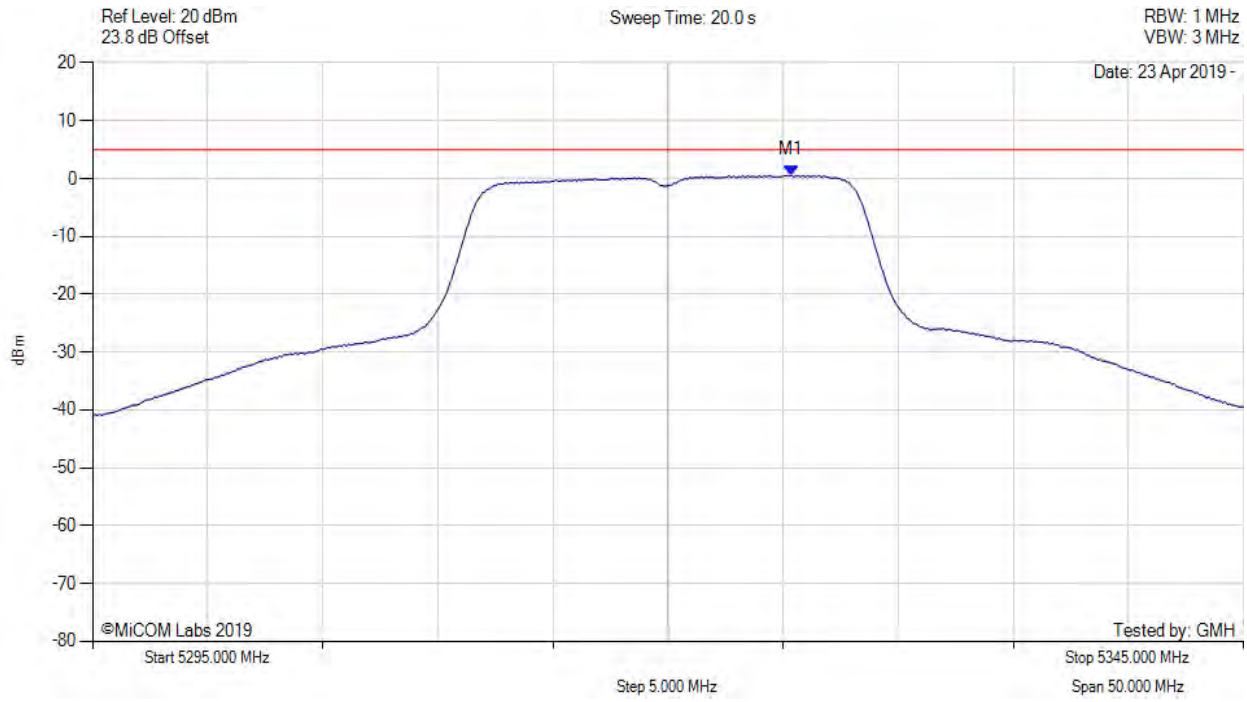


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5305.400 MHz : 6.652 dBm M1 + DCCF : 5305.400 MHz : 9.576 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 11.0 dBm Margin: -1.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

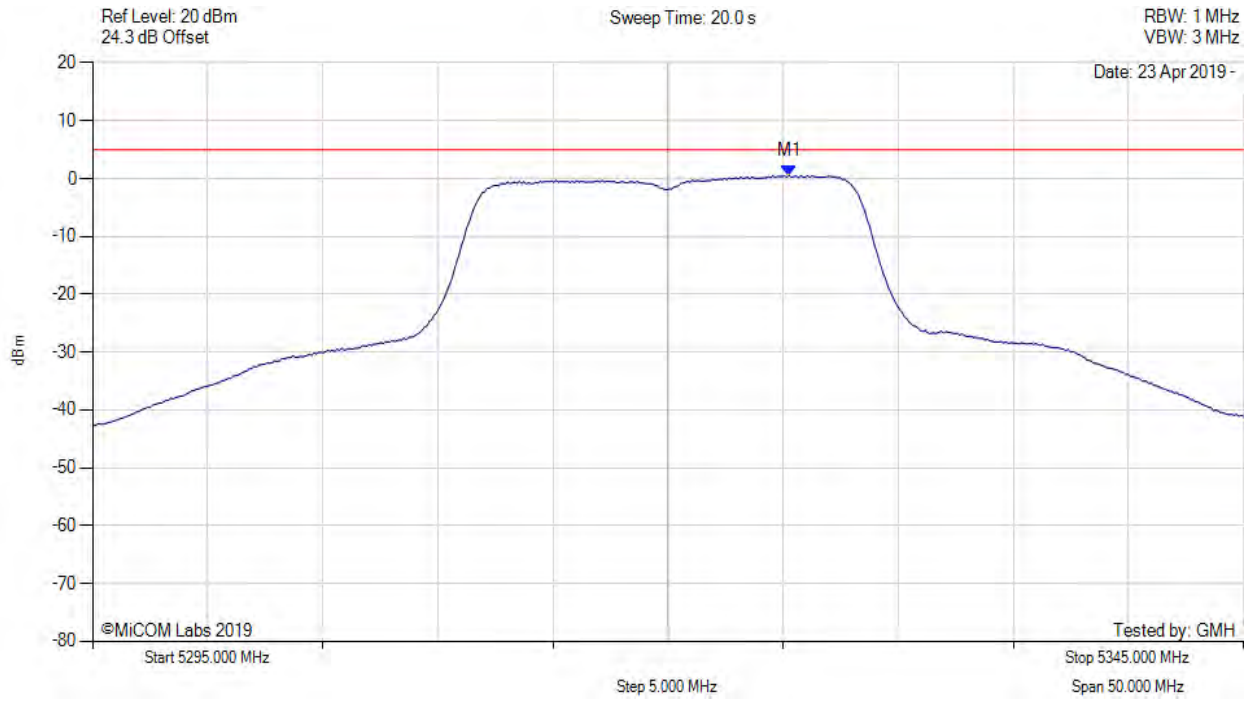


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5325.361 MHz : 0.550 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

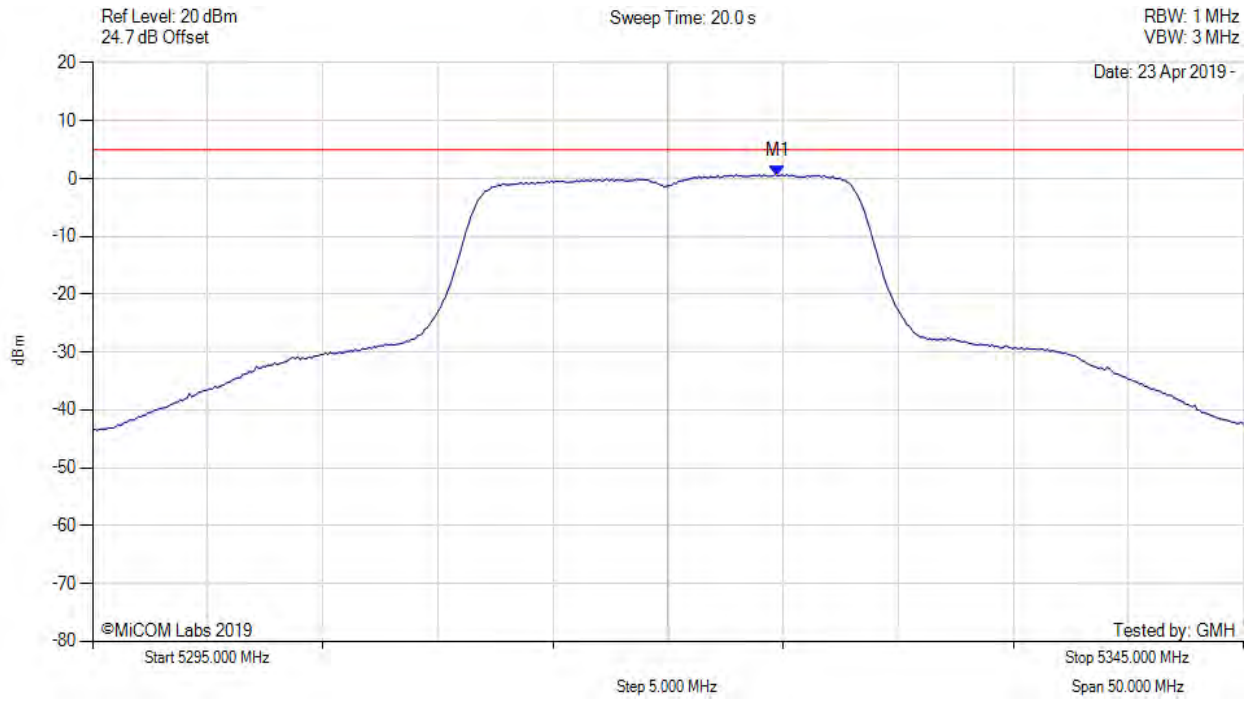


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5325.261 MHz : 0.524 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

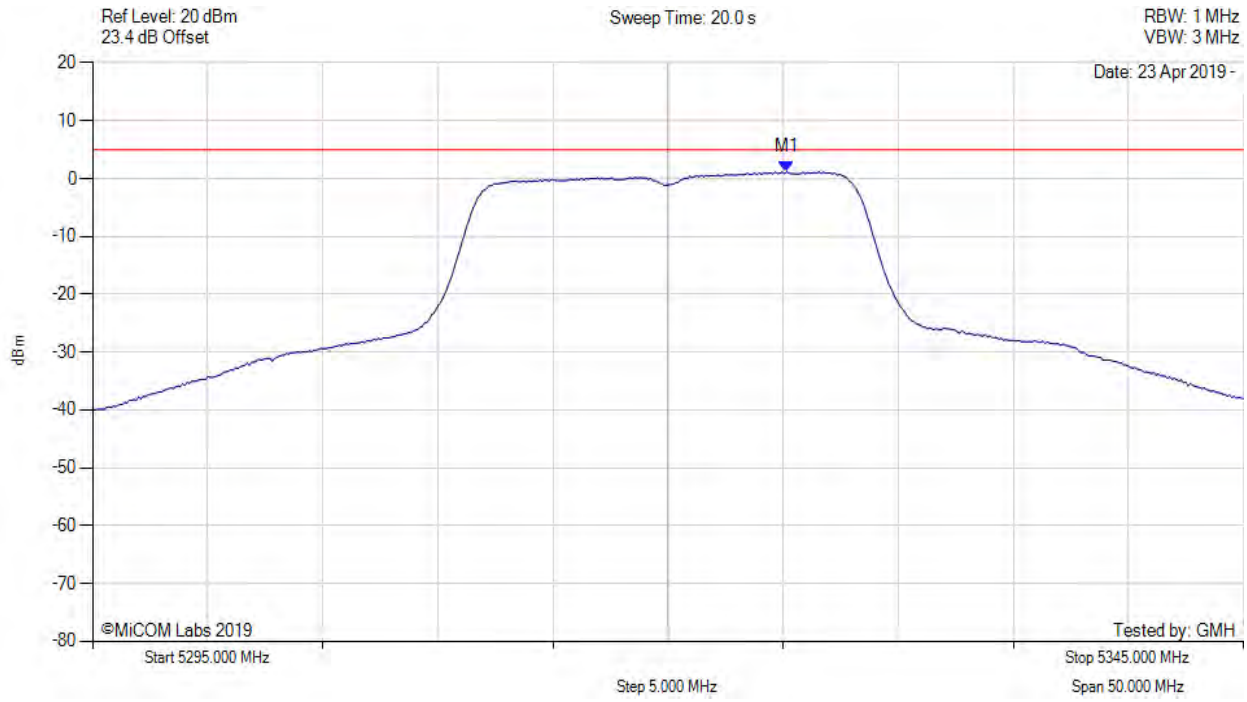


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5324.760 MHz : 0.420 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

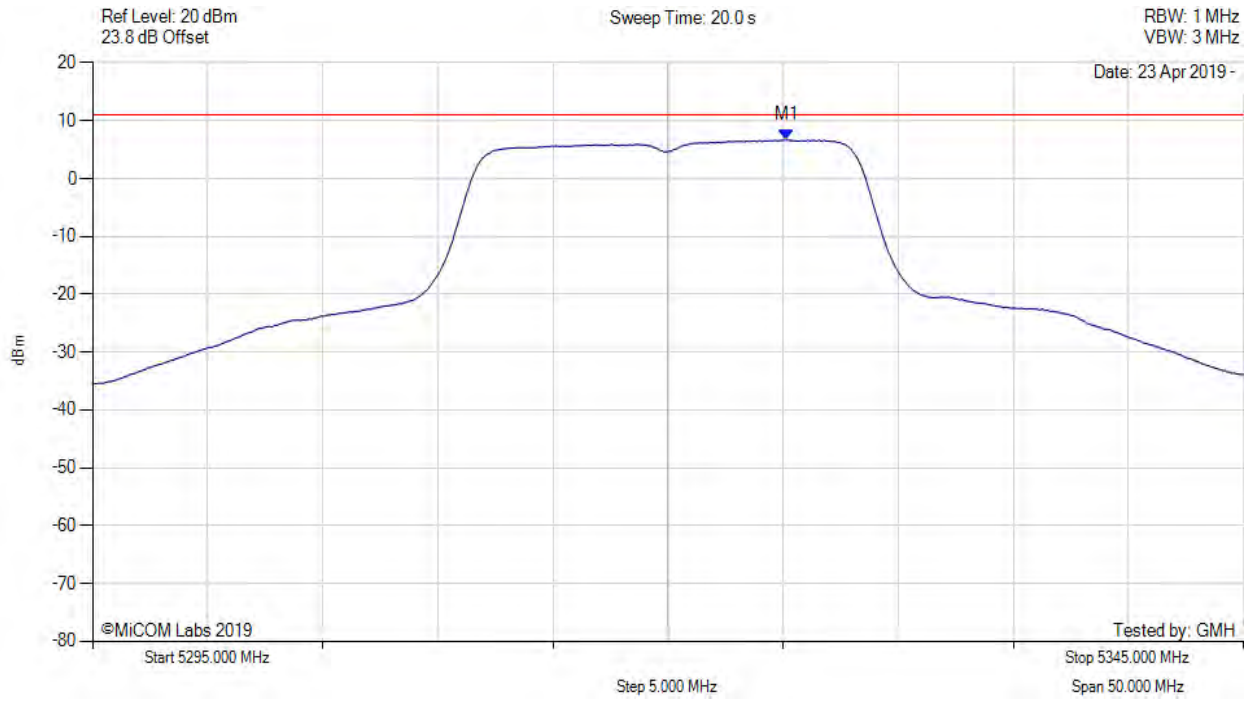


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5325.160 MHz : 1.167 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

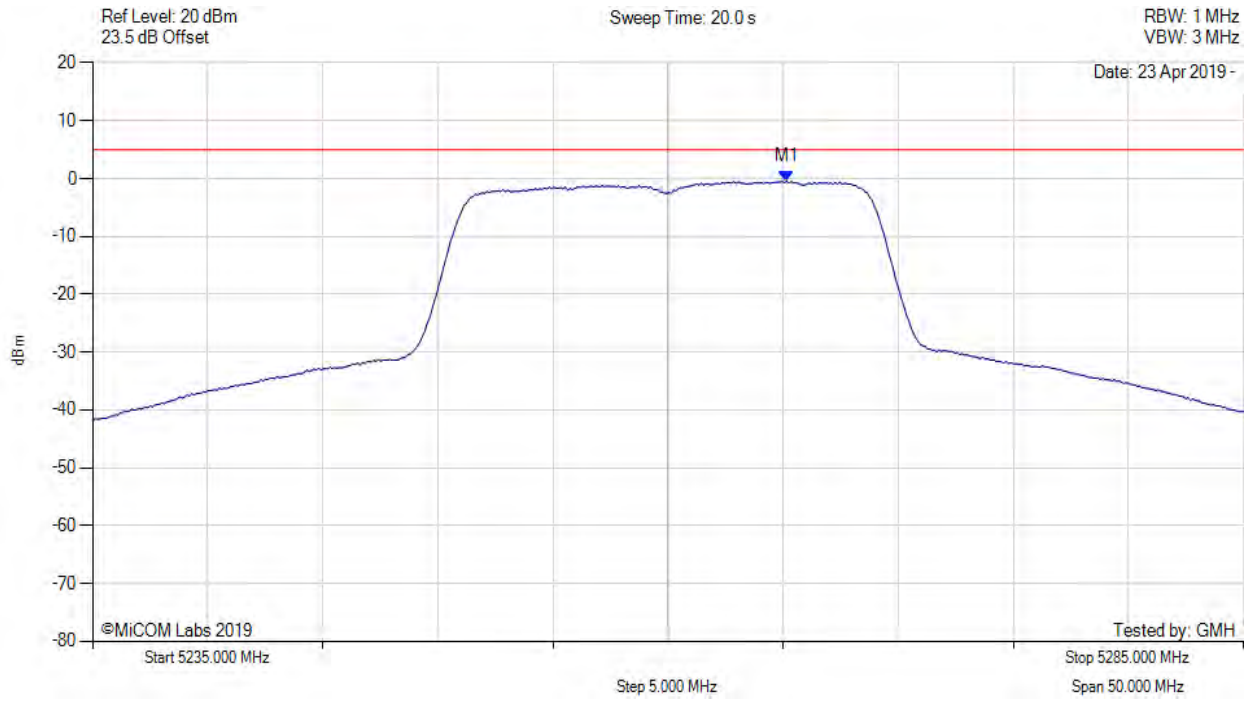


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5325.200 MHz : 6.685 dBm M1 + DCCF : 5325.200 MHz : 9.609 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 11.0 dBm Margin: -1.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

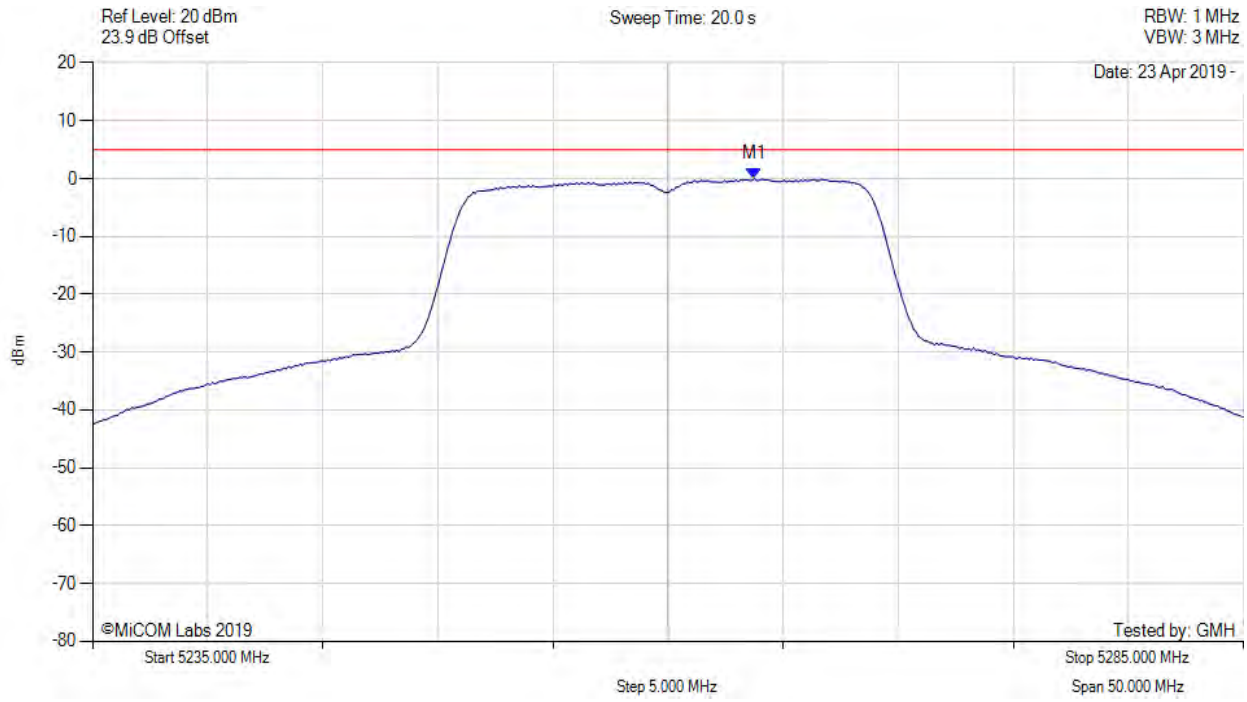


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5265.160 MHz : -0.452 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

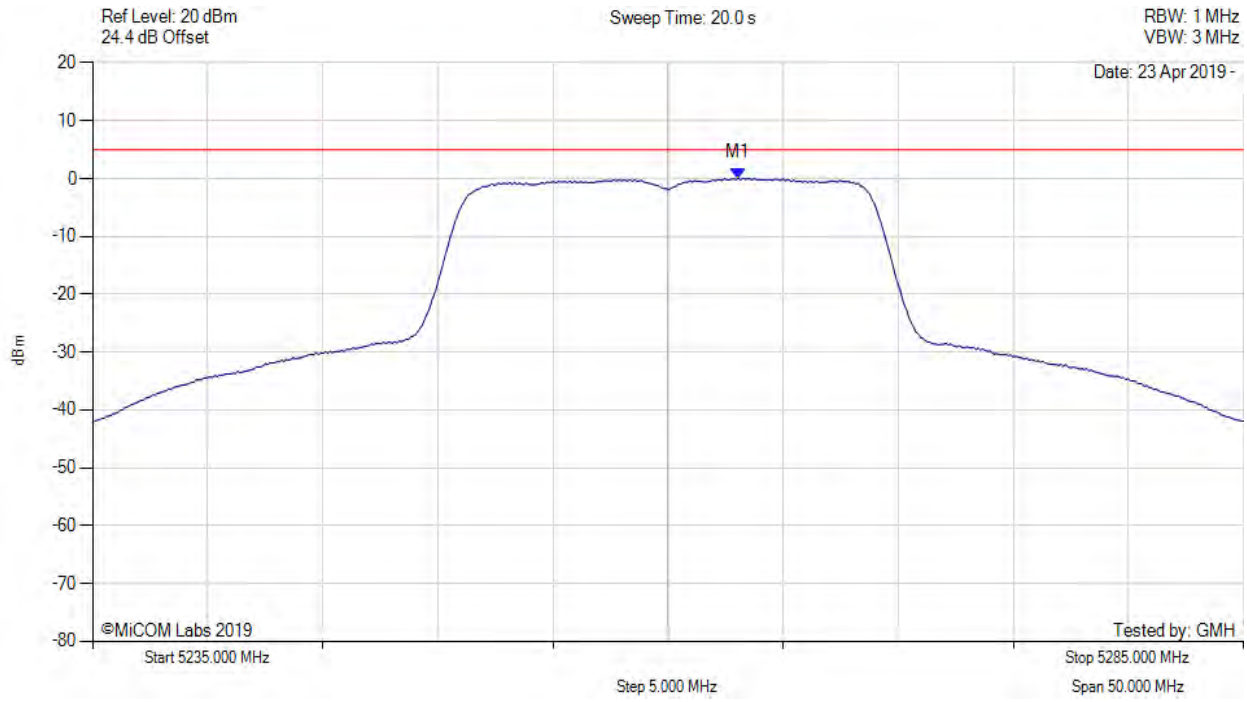


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5263.758 MHz : -0.020 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

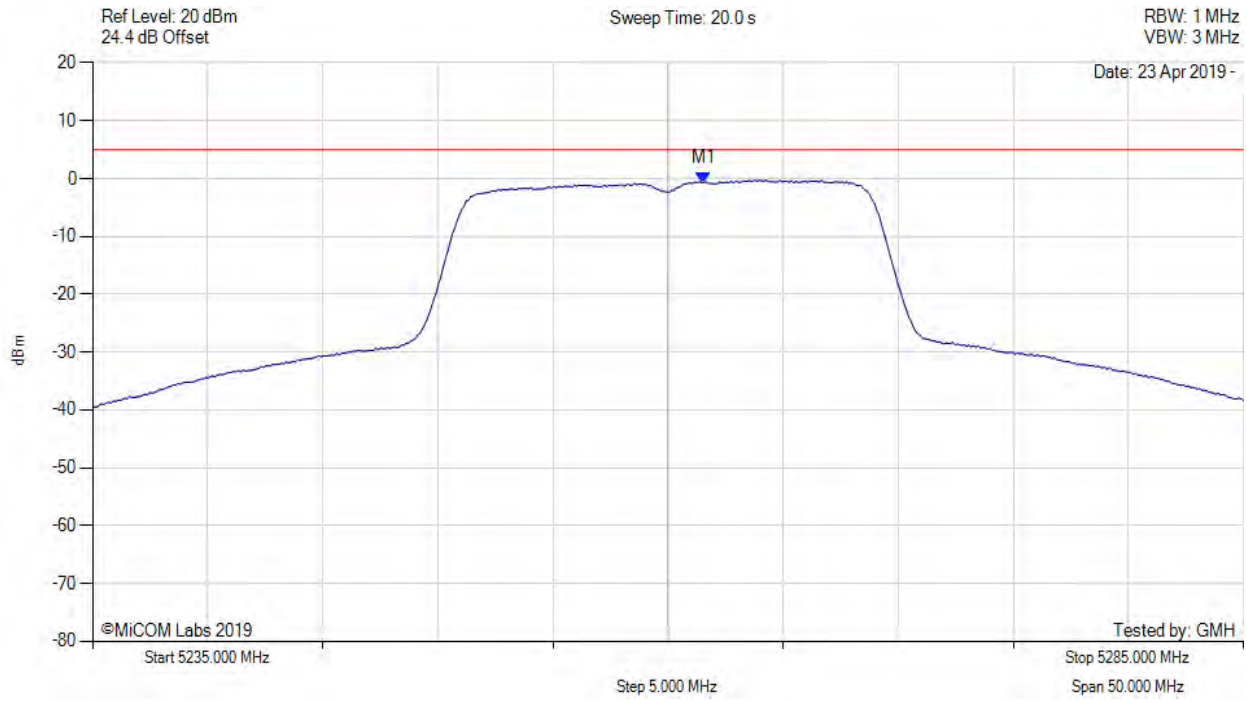


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5263.056 MHz : 0.067 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

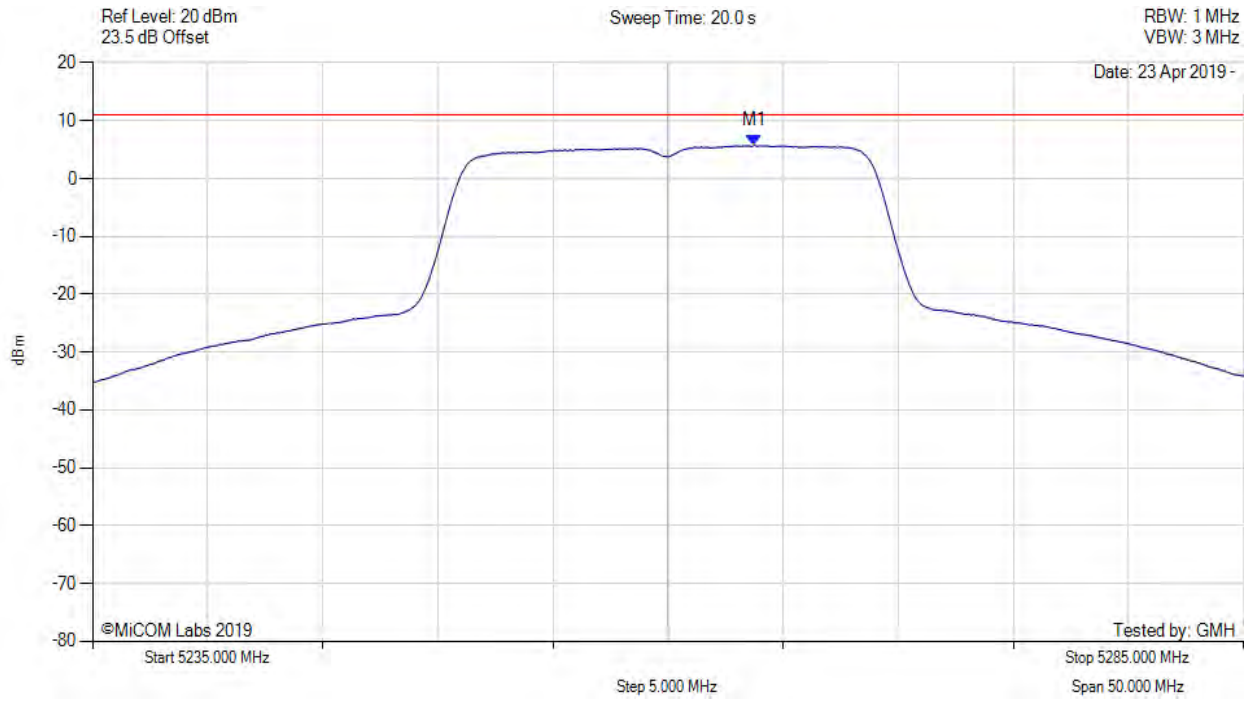


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5261.553 MHz : -0.745 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

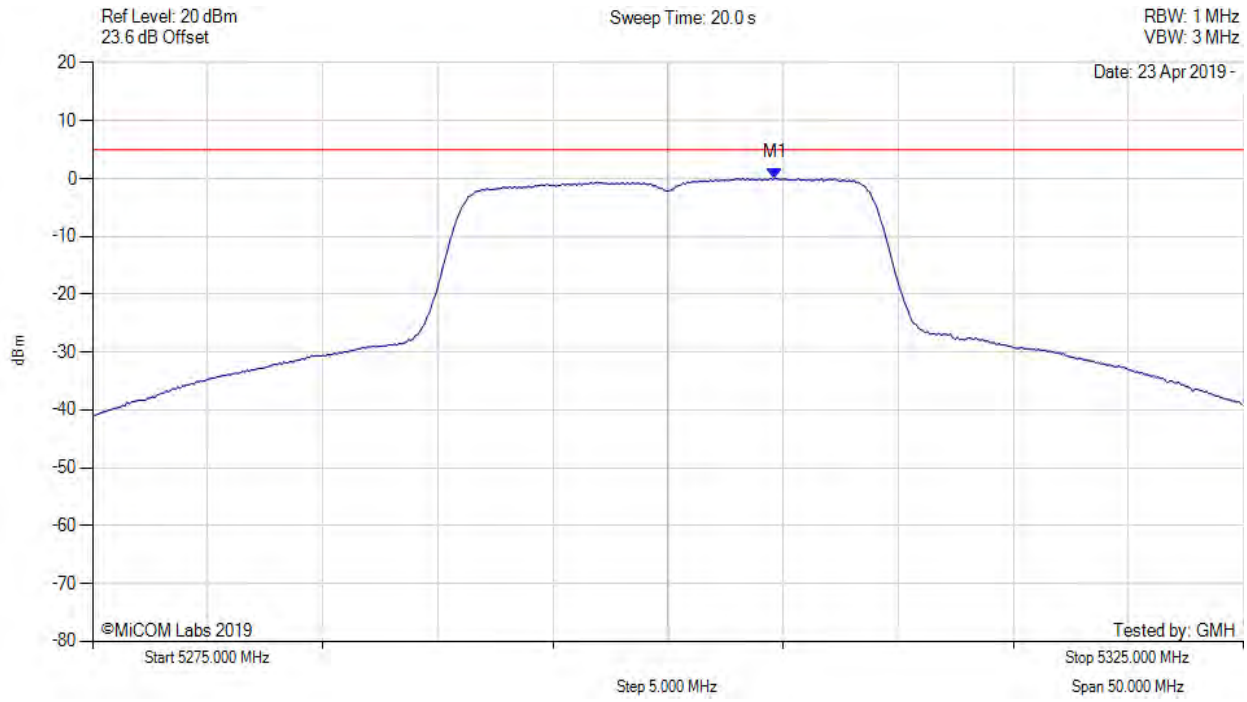


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5263.800 MHz : 5.782 dBm M1 + DCCF : 5263.800 MHz : 9.033 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 11.0 dBm Margin: -2.0 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

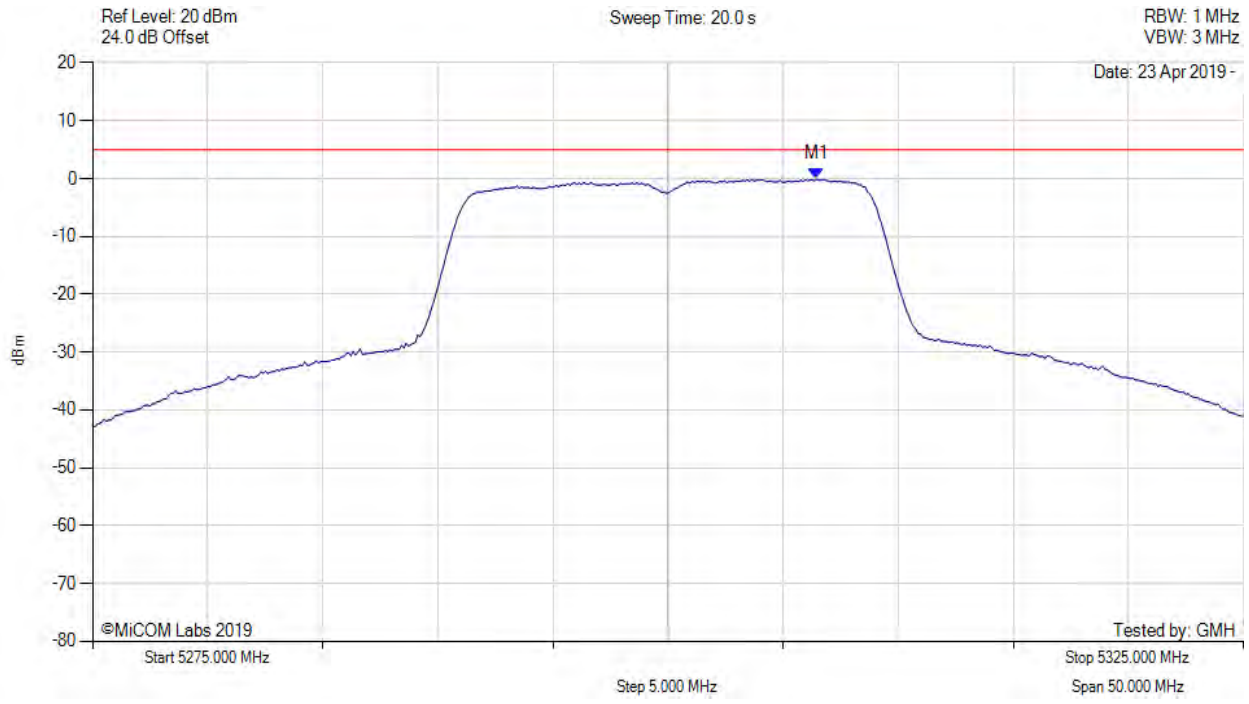


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5304.659 MHz : 0.077 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

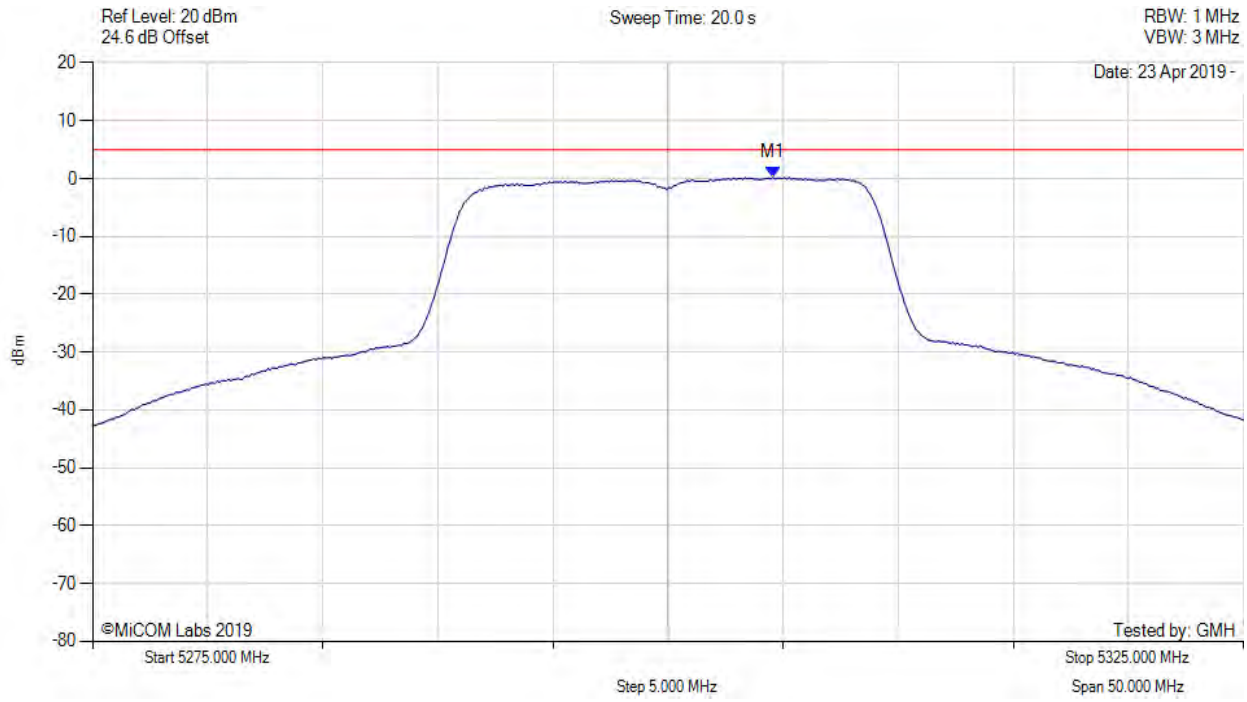


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5306.463 MHz : -0.116 dBm	Channel Frequency: 5300.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

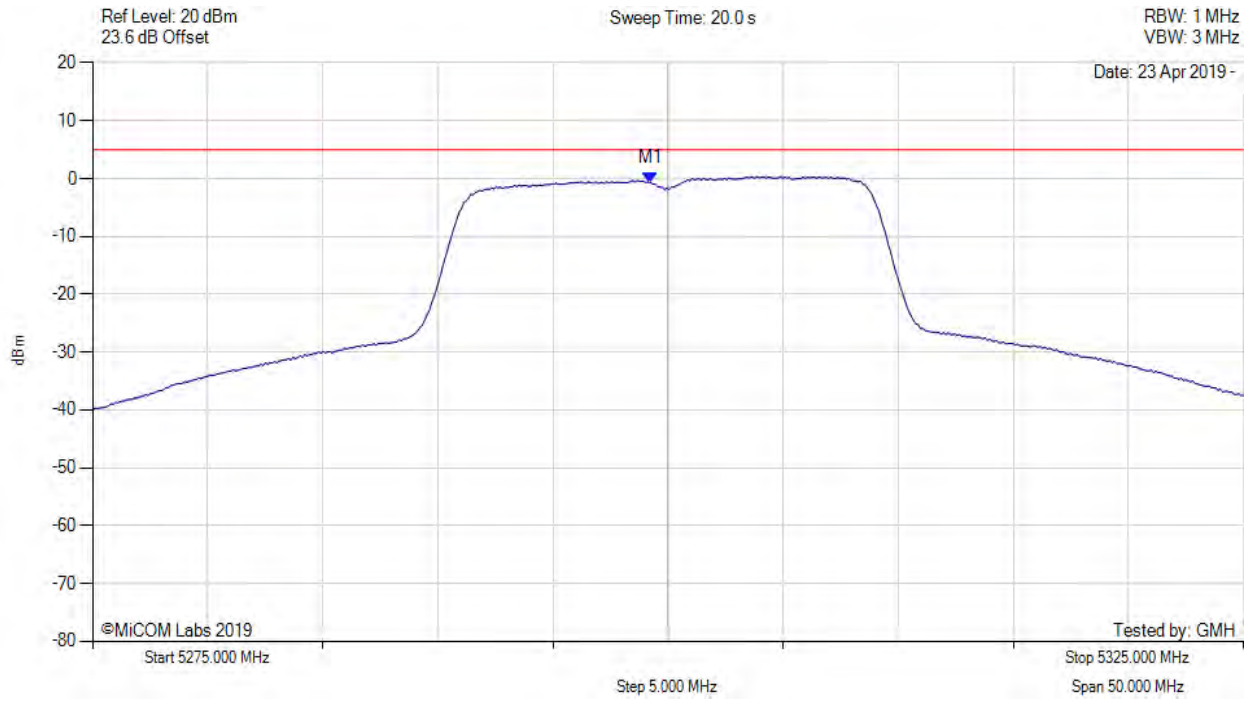


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5304.559 MHz : 0.208 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

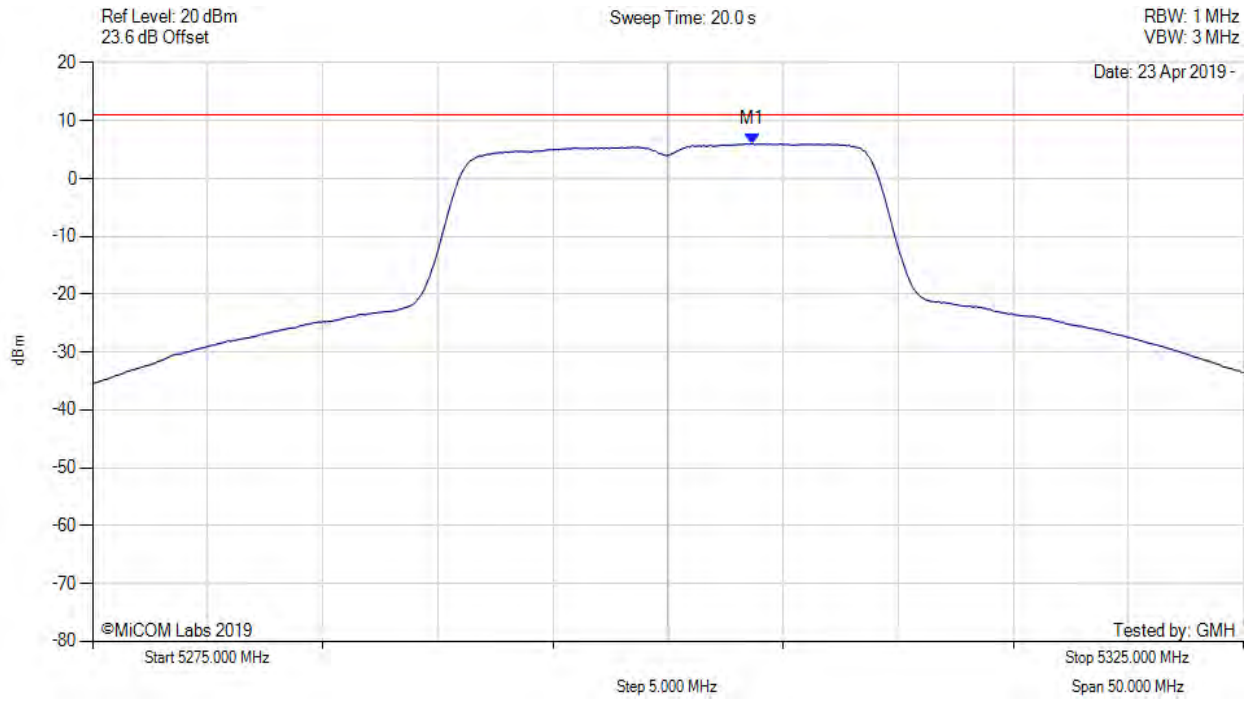


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5299.248 MHz : -0.733 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

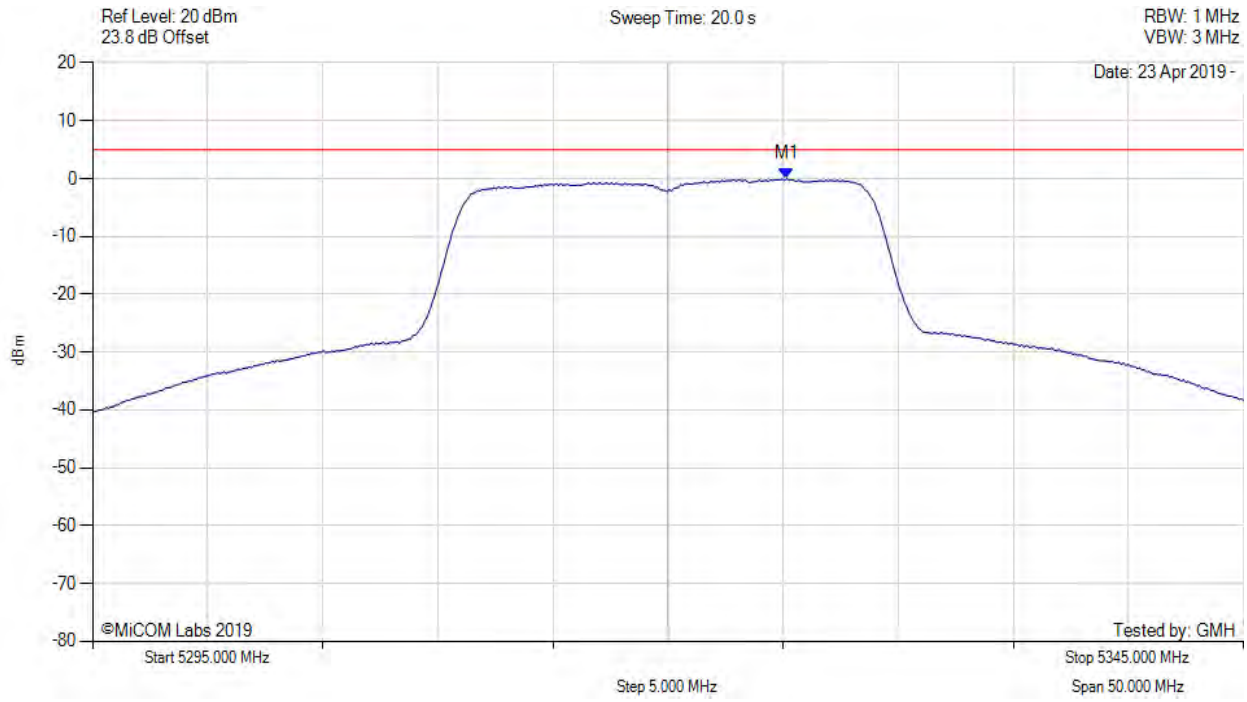


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5303.700 MHz : 6.048 dBm M1 + DCCF : 5303.700 MHz : 9.299 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 11.0 dBm Margin: -1.7 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

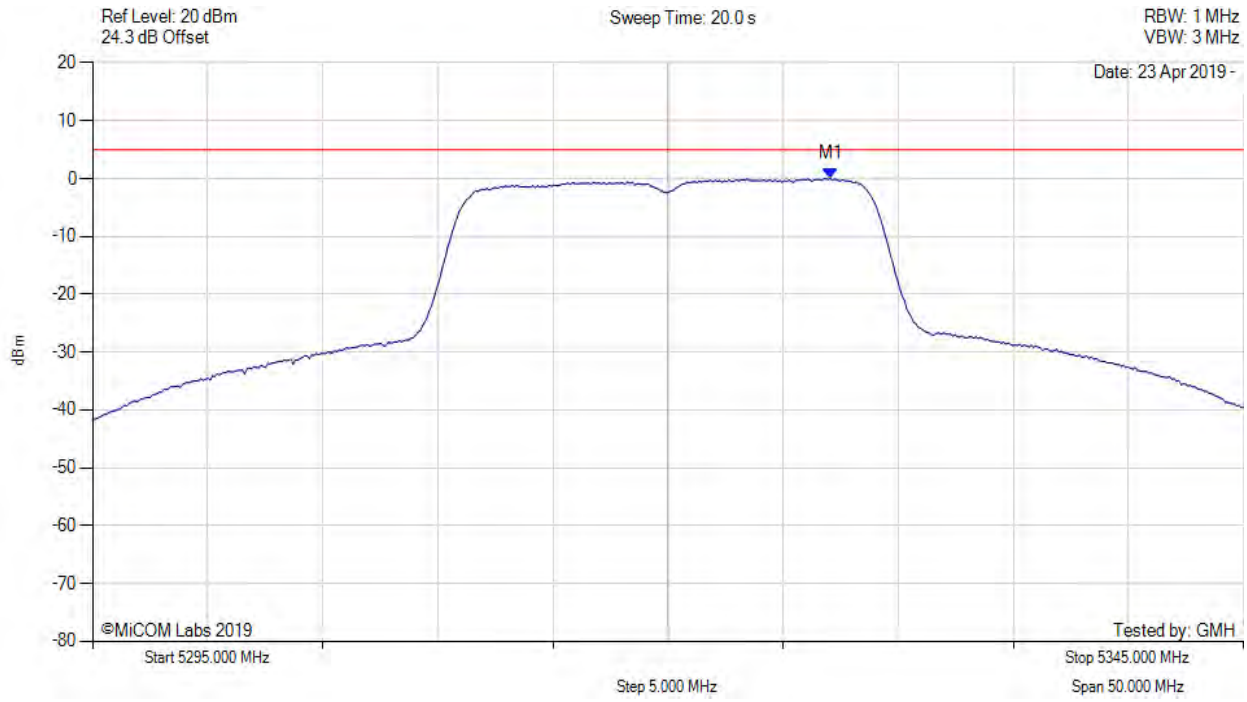


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5325.160 MHz : -0.050 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

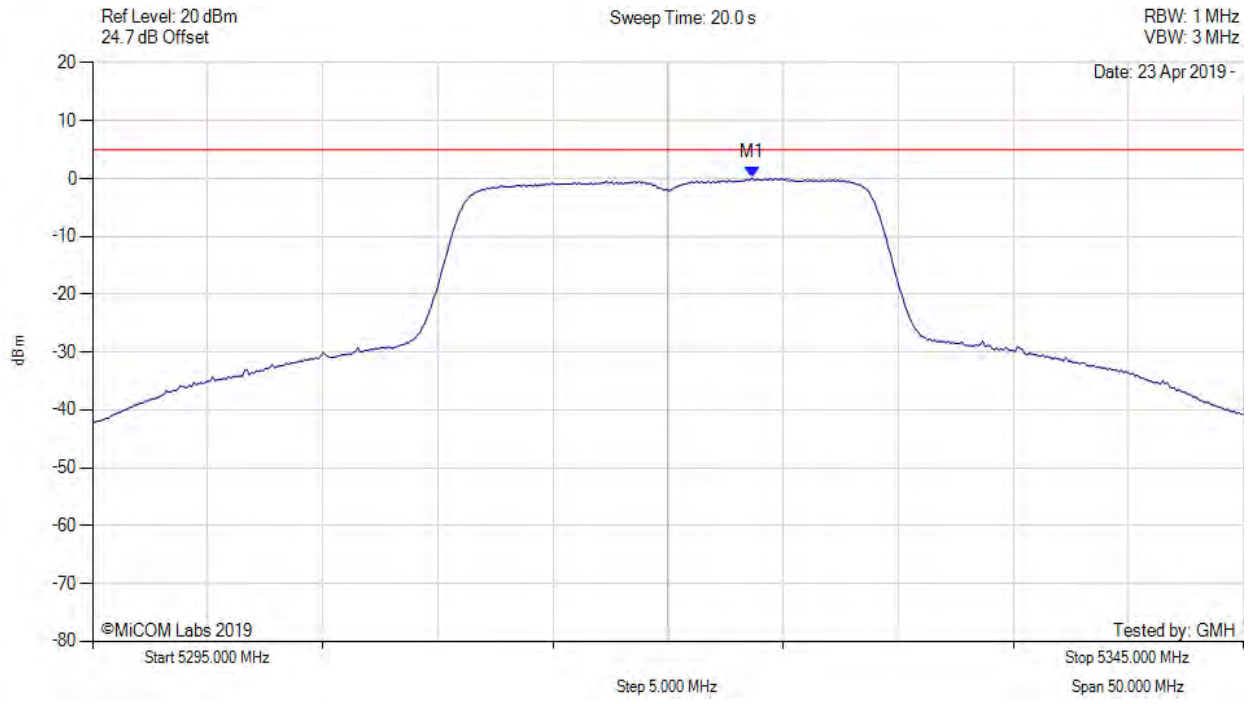


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5327.064 MHz : 0.021 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5323.657 MHz : 0.110 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5326.162 MHz : 0.454 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

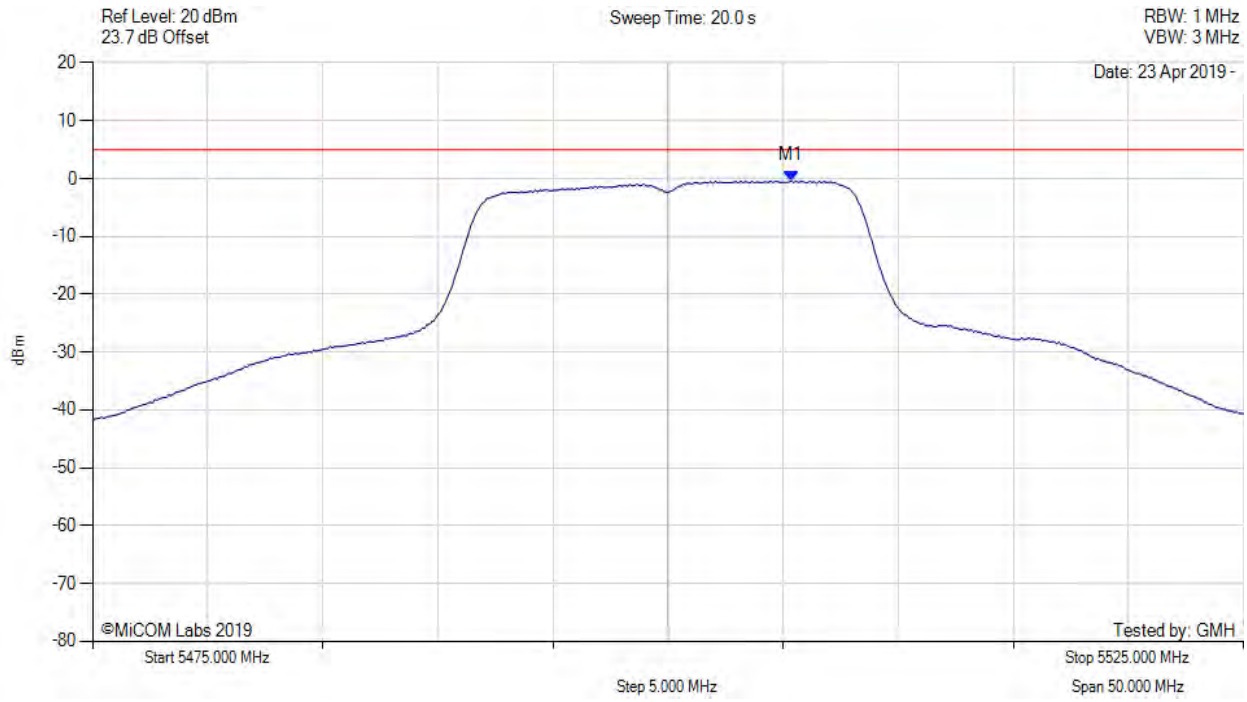
Variant: 802.11n HT-20, Channel: 5320.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5324.700 MHz : 5.974 dBm M1 + DCCF : 5324.700 MHz : 9.225 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 11.0 dBm Margin: -1.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

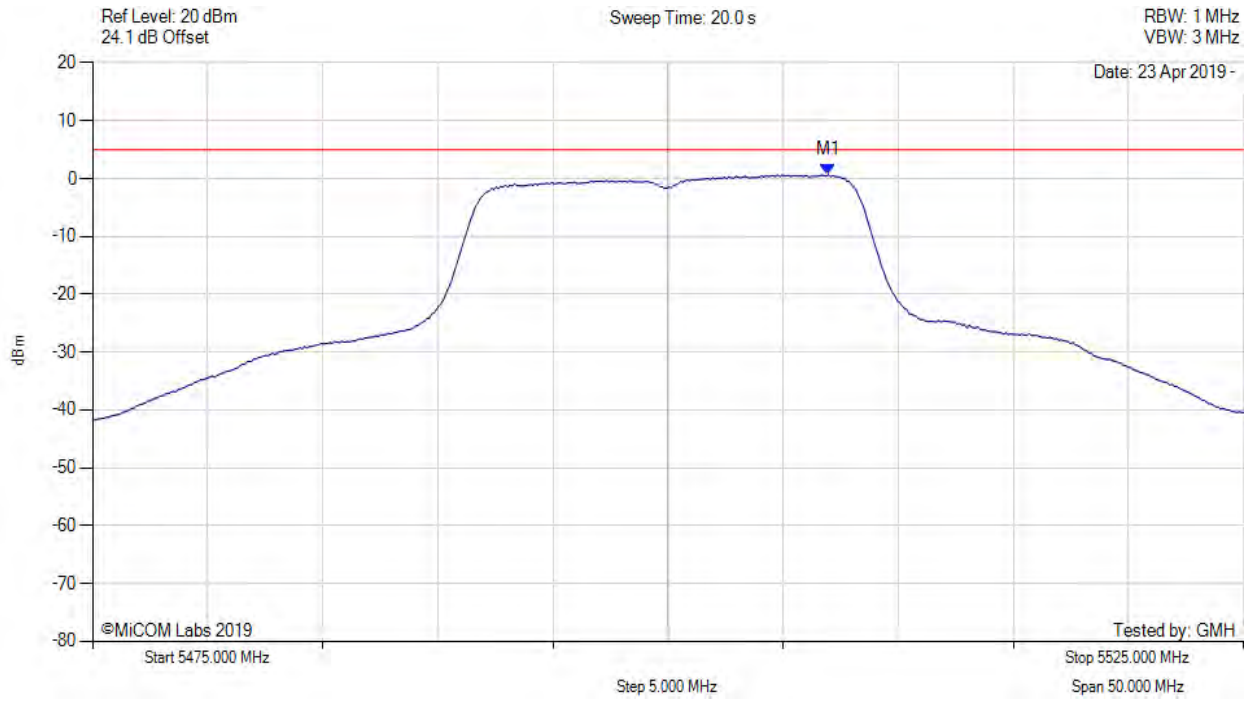


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5505.361 MHz : -0.401 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5506.964 MHz : 0.663 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

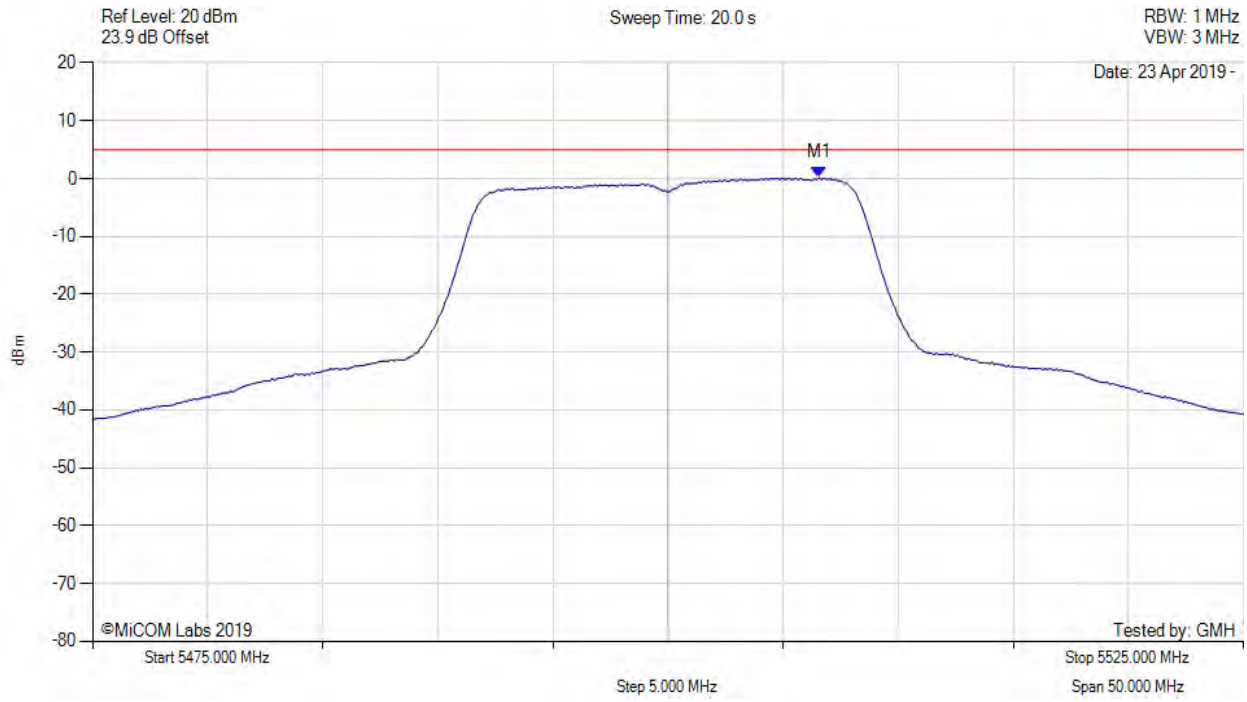
Variant: 802.11a, Channel: 5500.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5503.457 MHz : 0.580 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

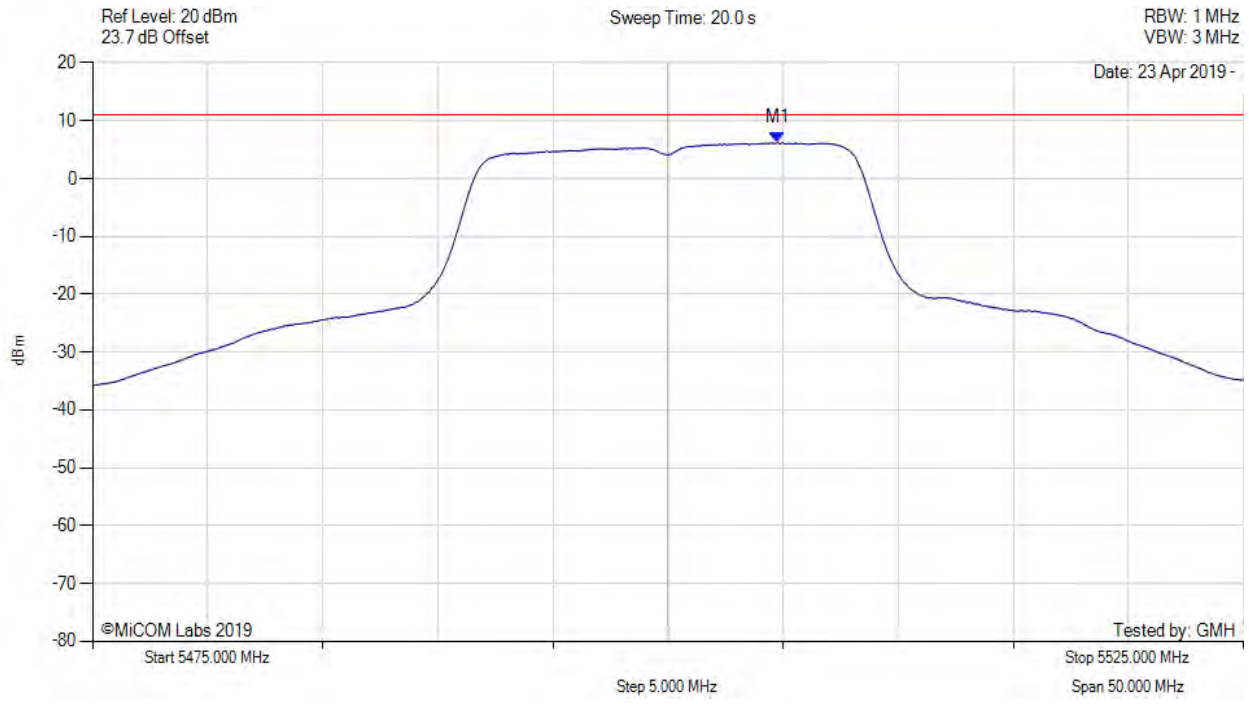


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5506.563 MHz : 0.148 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

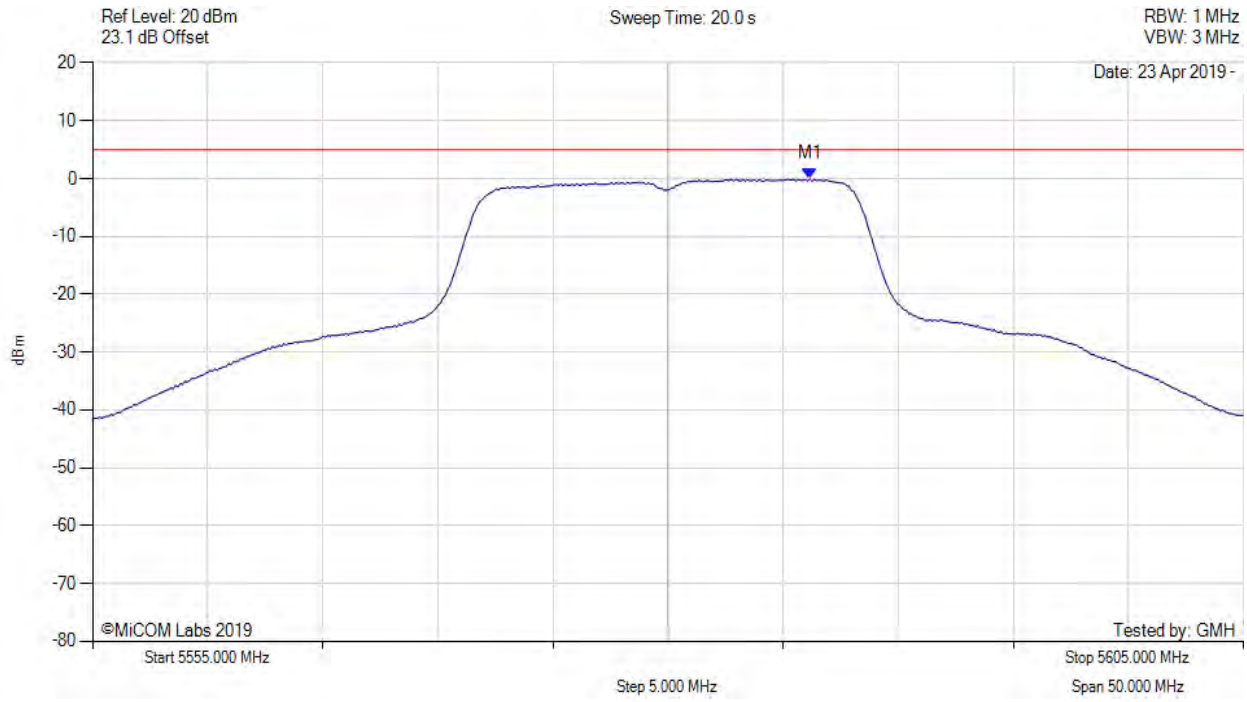


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5504.800 MHz : 6.223 dBm M1 + DCCF : 5504.800 MHz : 9.147 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 11.0 dBm Margin: -1.9 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

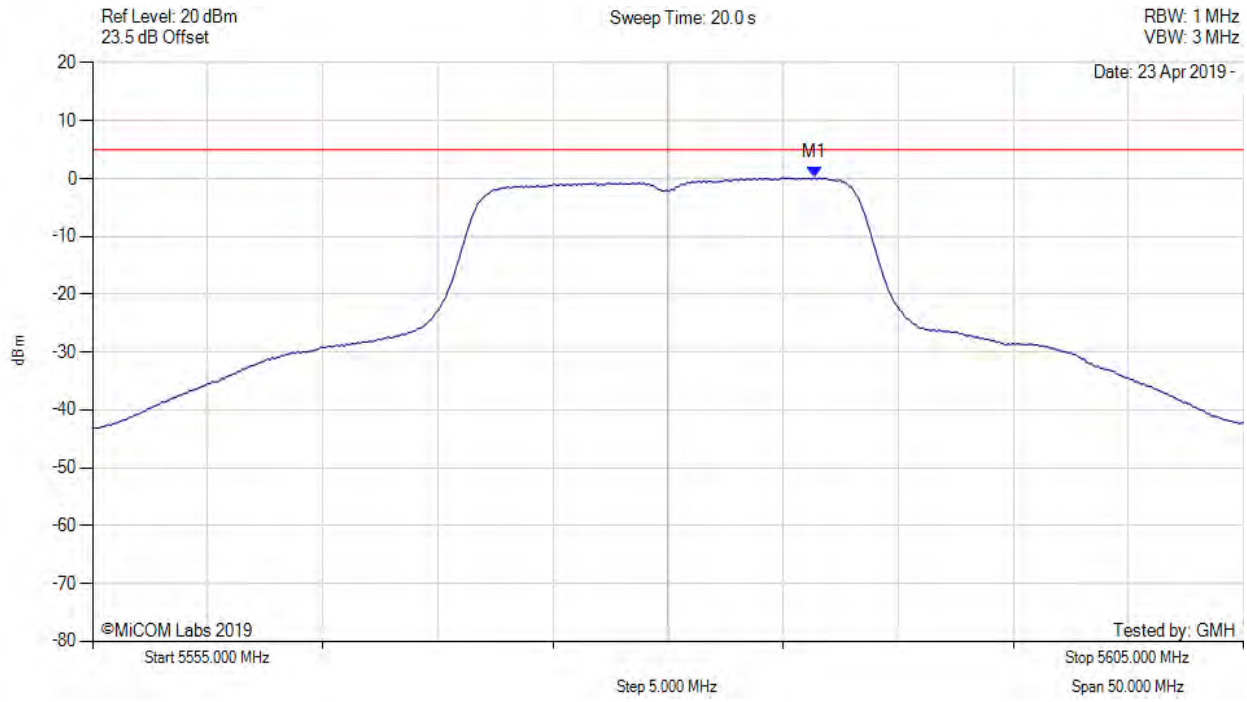


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5586.162 MHz : -0.113 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

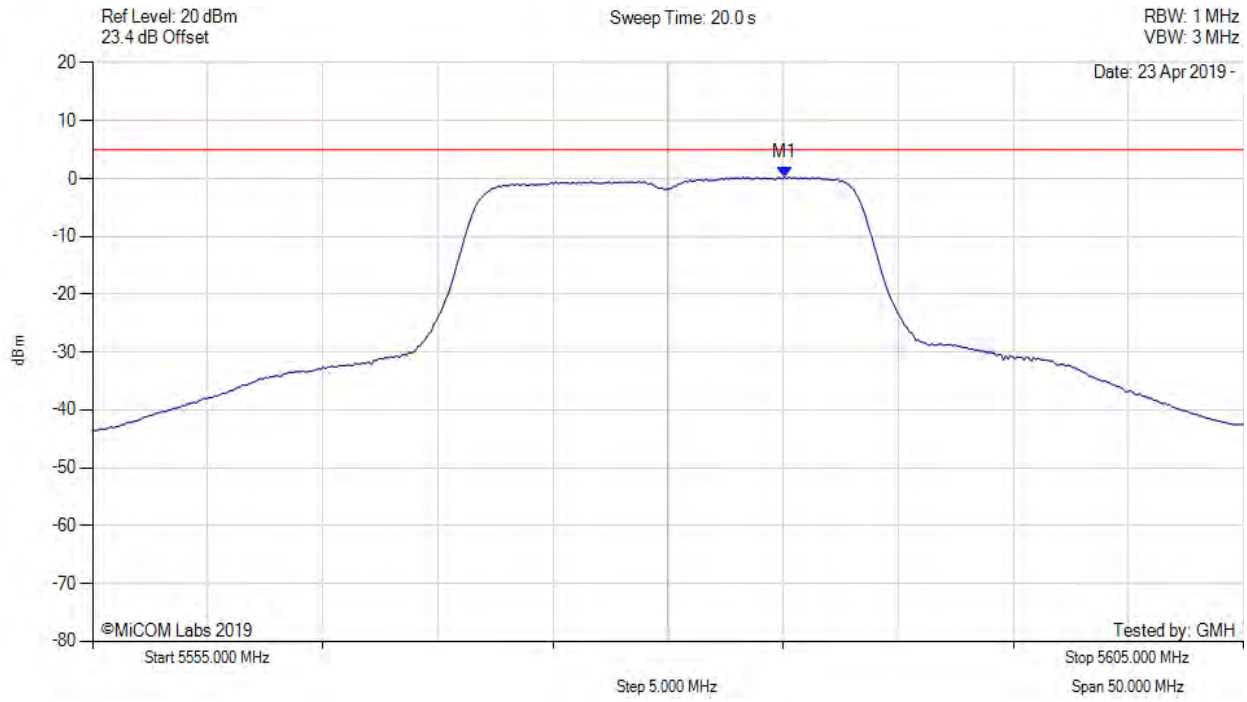


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5586.363 MHz : 0.151 dBm	Channel Frequency: 5580.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

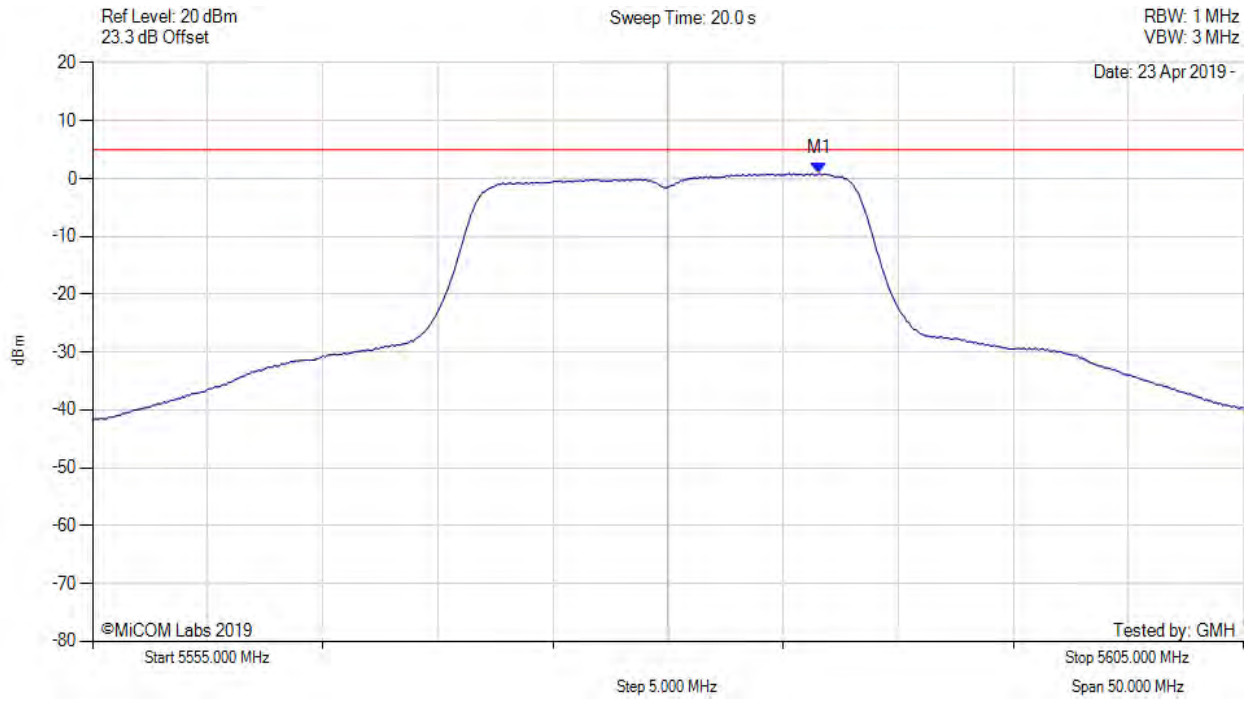


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5585.060 MHz : 0.260 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

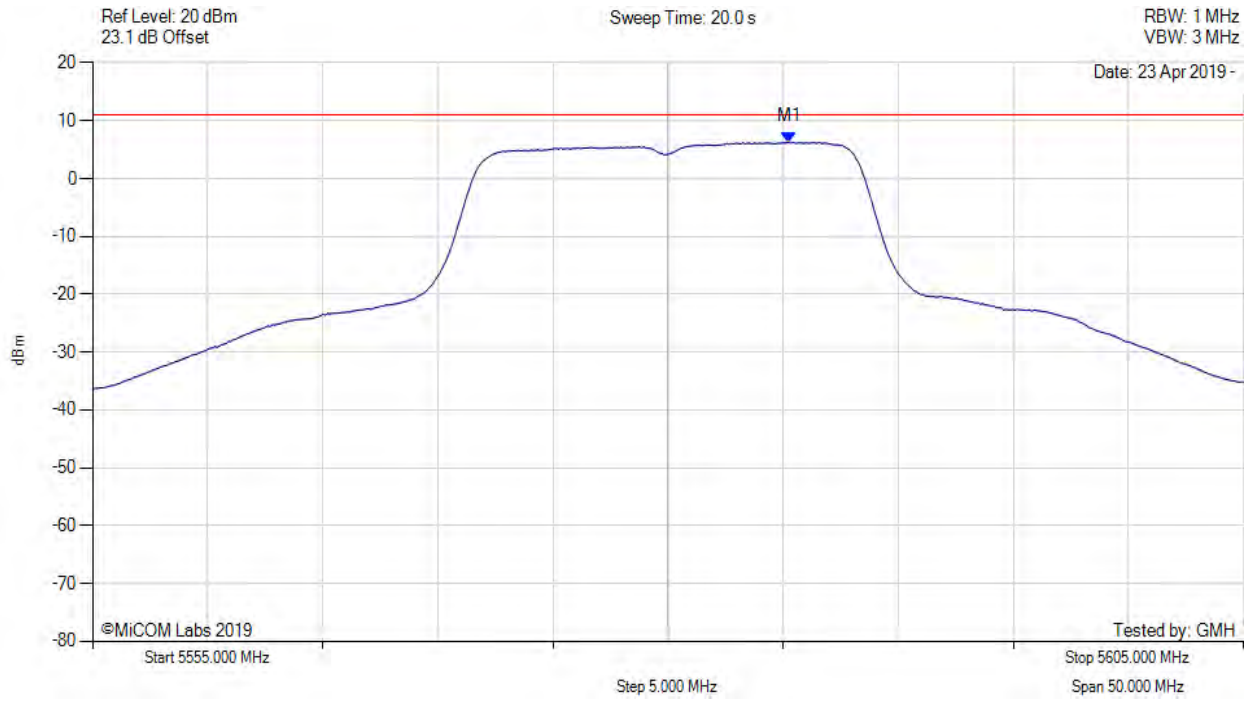


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5586.563 MHz : 0.899 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

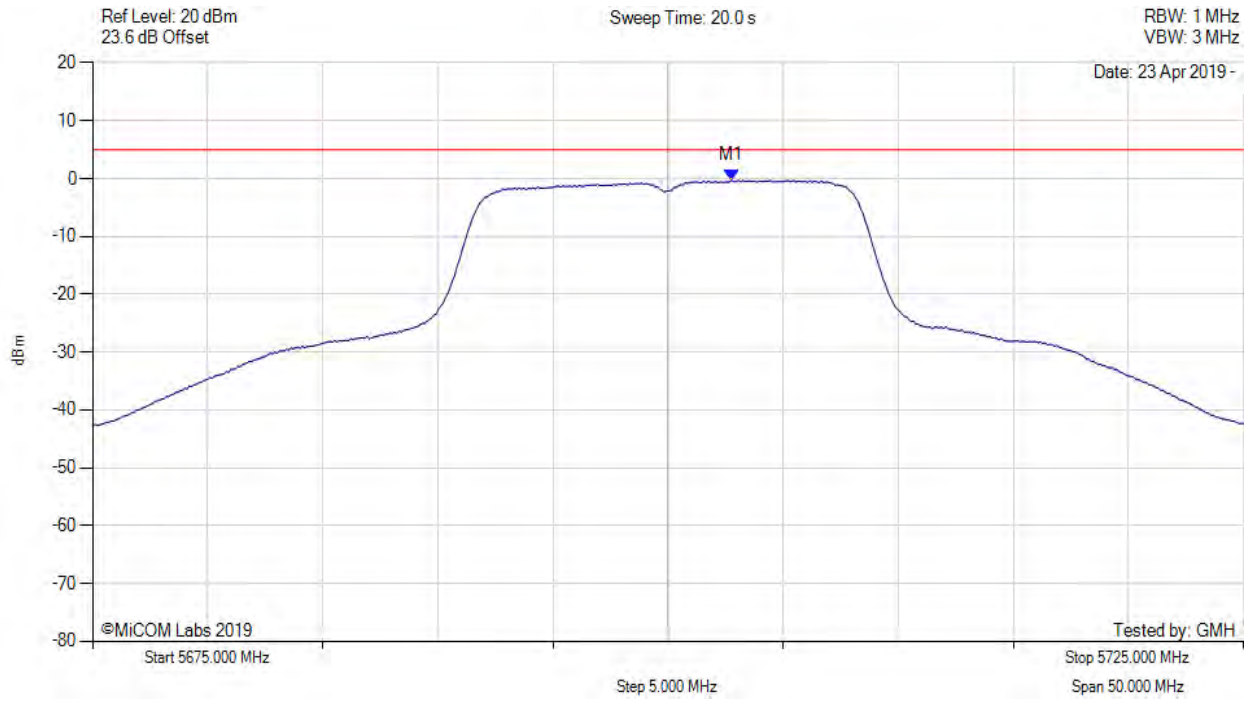


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5585.300 MHz : 6.308 dBm M1 + DCCF : 5585.300 MHz : 9.232 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 11.0 dBm Margin: -1.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

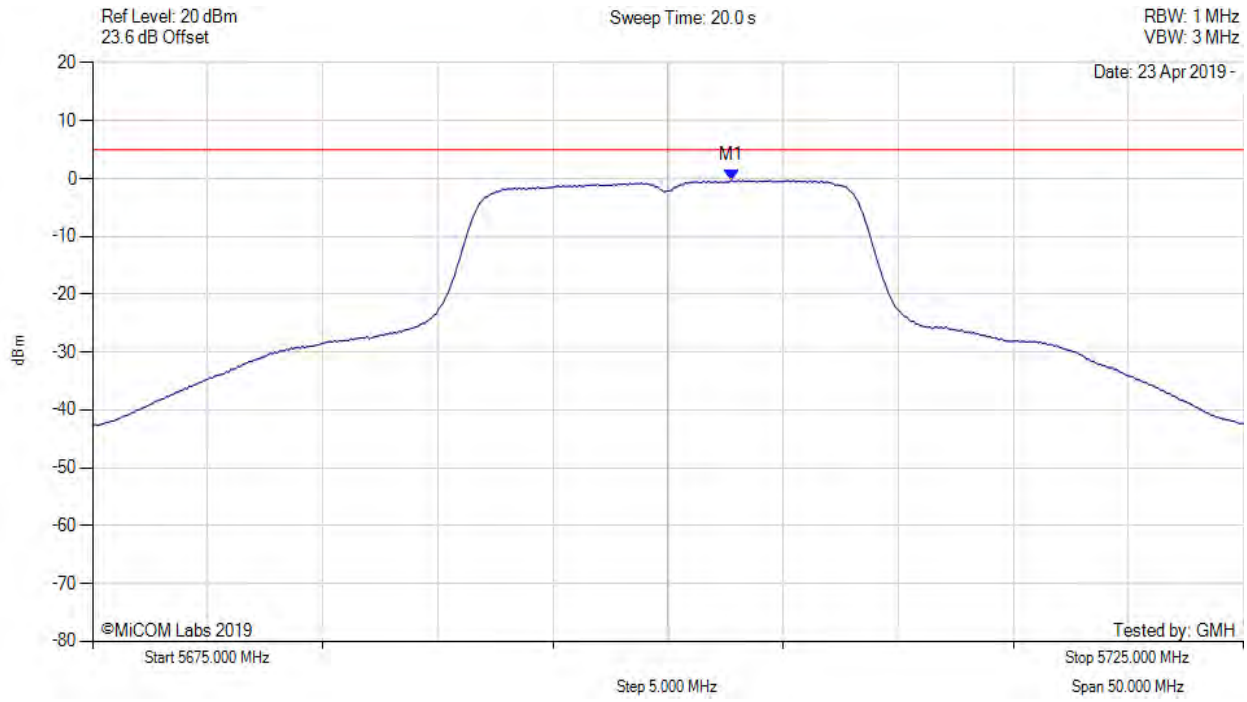


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5702.756 MHz : -0.274 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

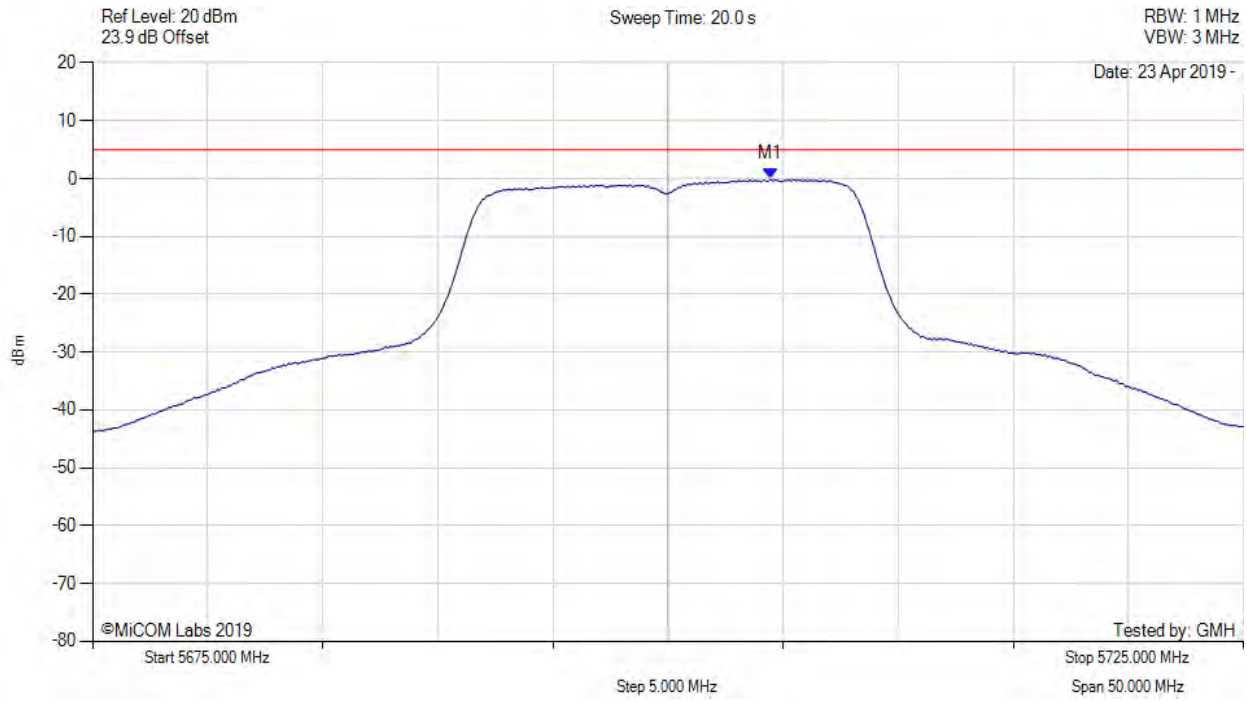


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5702.756 MHz : -0.274 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

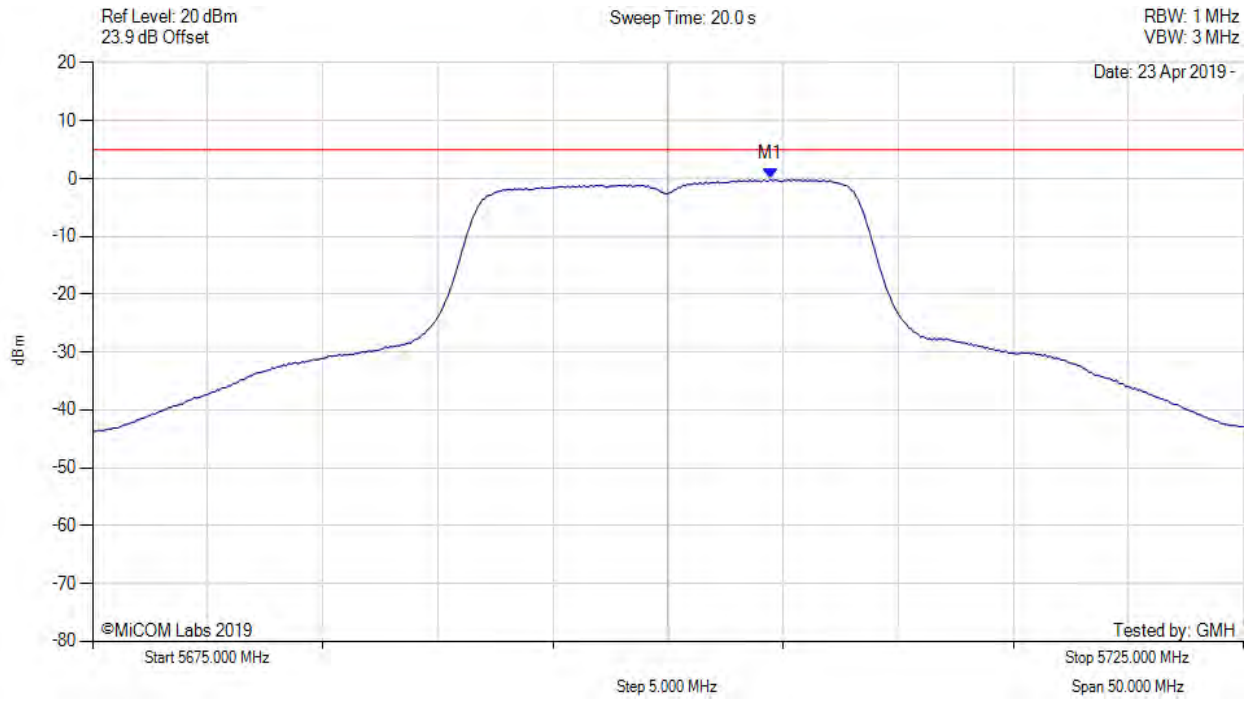


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5704.459 MHz : -0.142 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

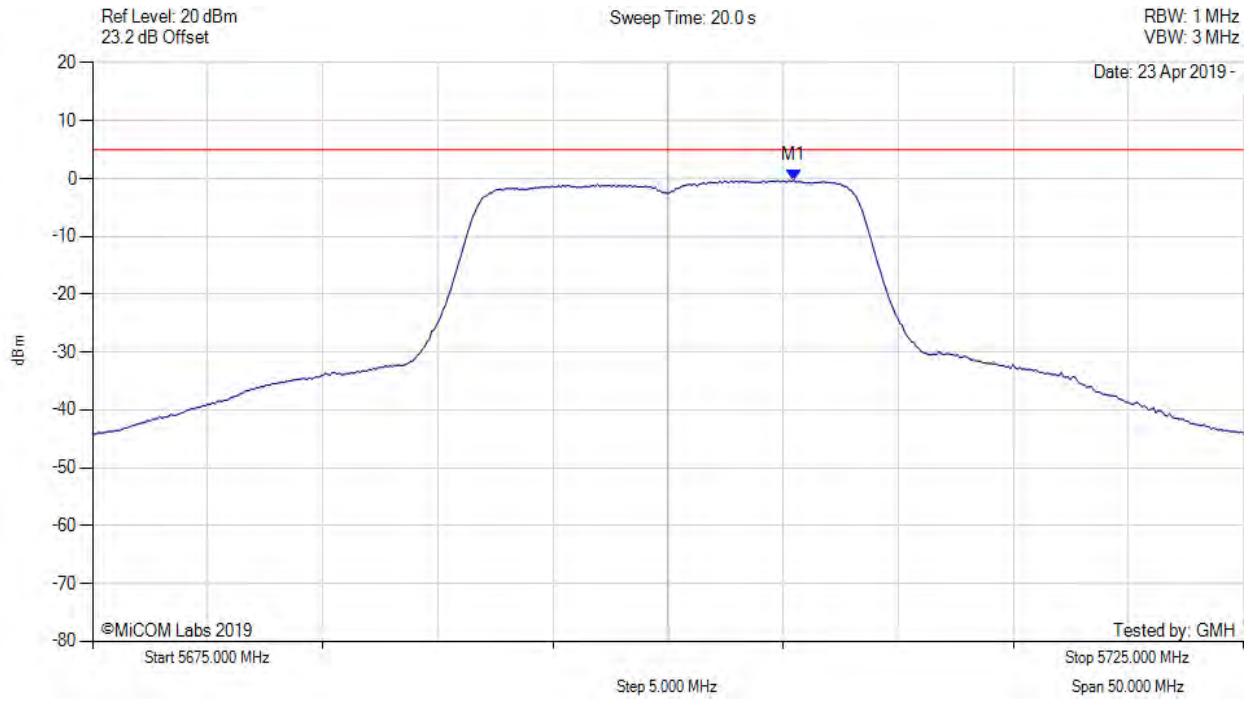


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5704.459 MHz : -0.142 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

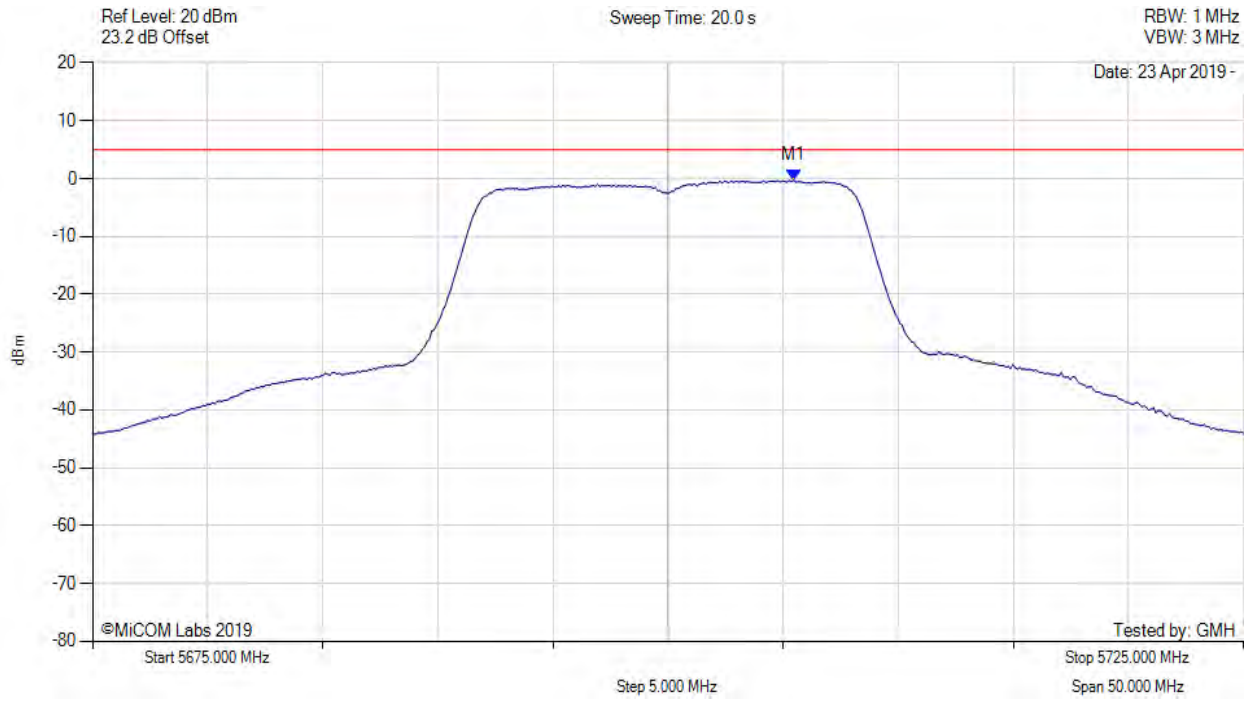


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : -0.276 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

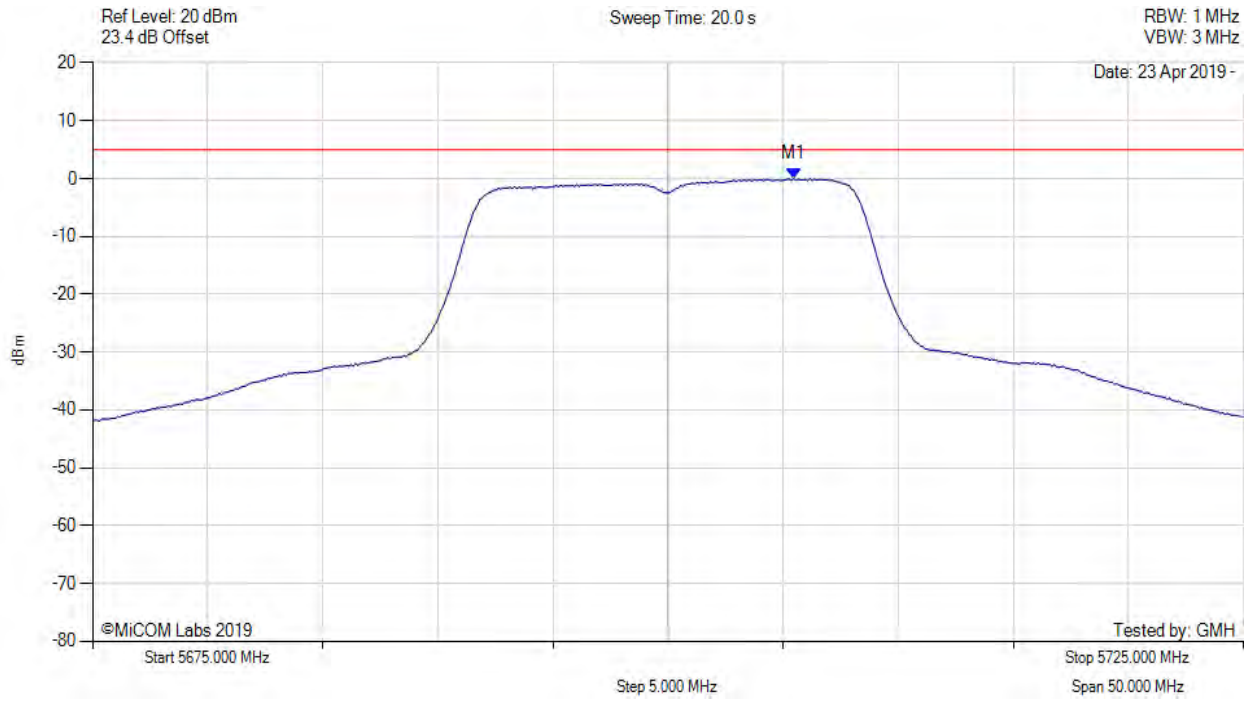


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : -0.276 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

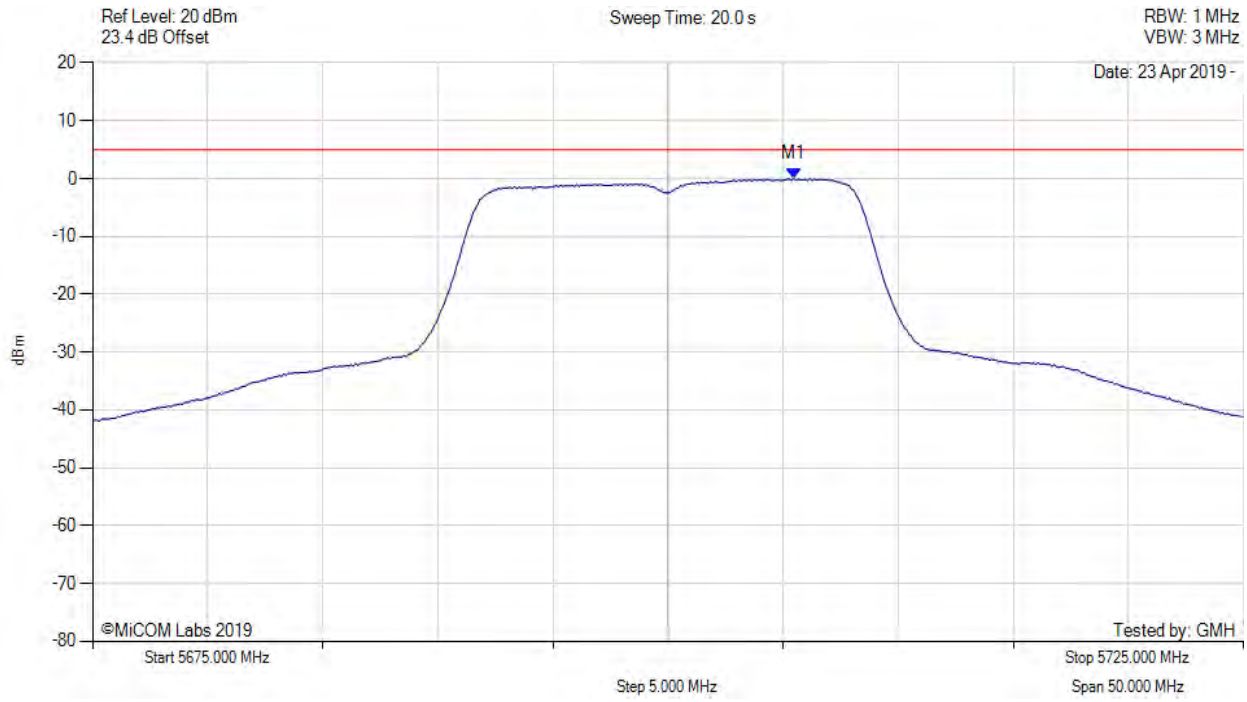


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : -0.026 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

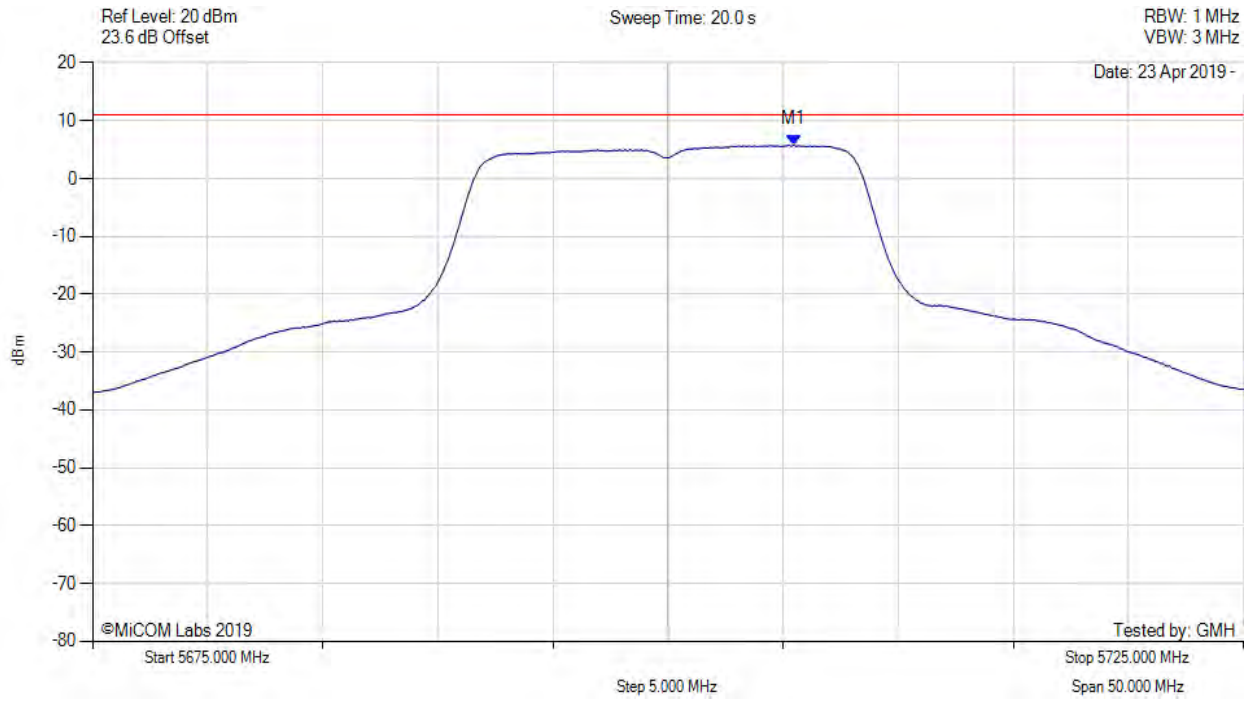


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : -0.026 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

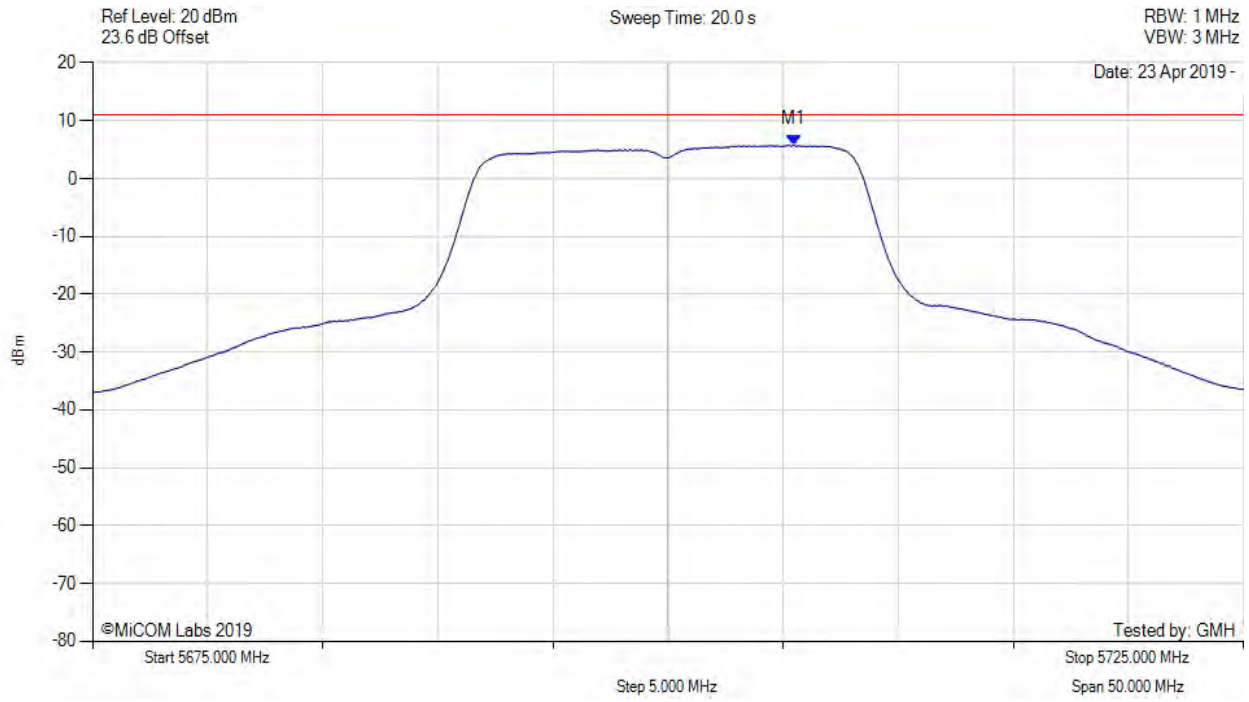


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : 5.830 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

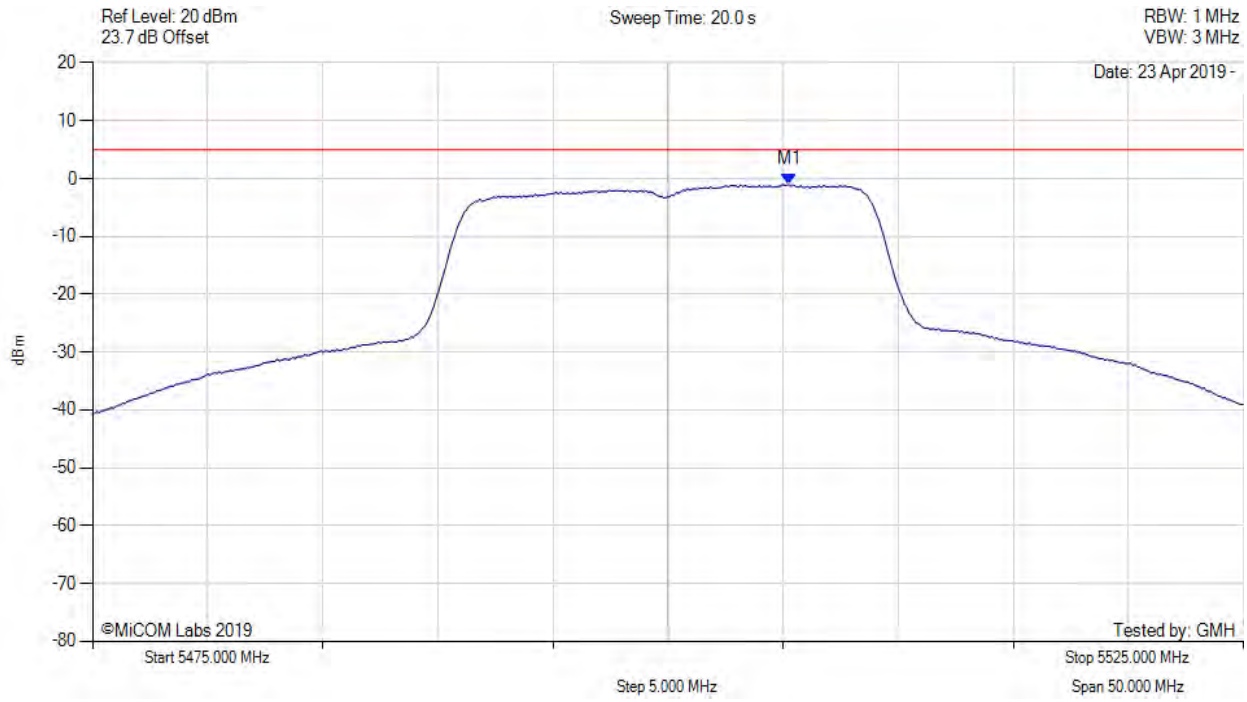


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.500 MHz : 5.830 dBm M1 + DCCF : 5705.500 MHz : 8.754 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 11.0 dBm Margin: -2.3 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

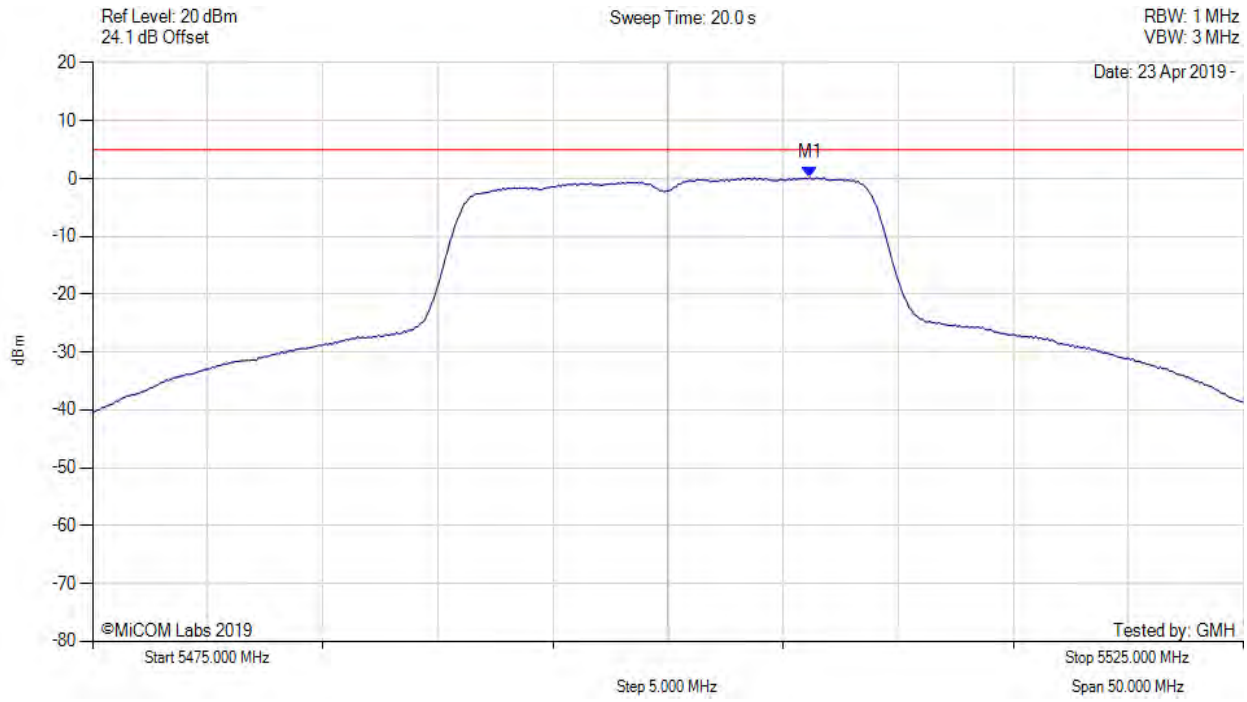


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5505.261 MHz : -1.011 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

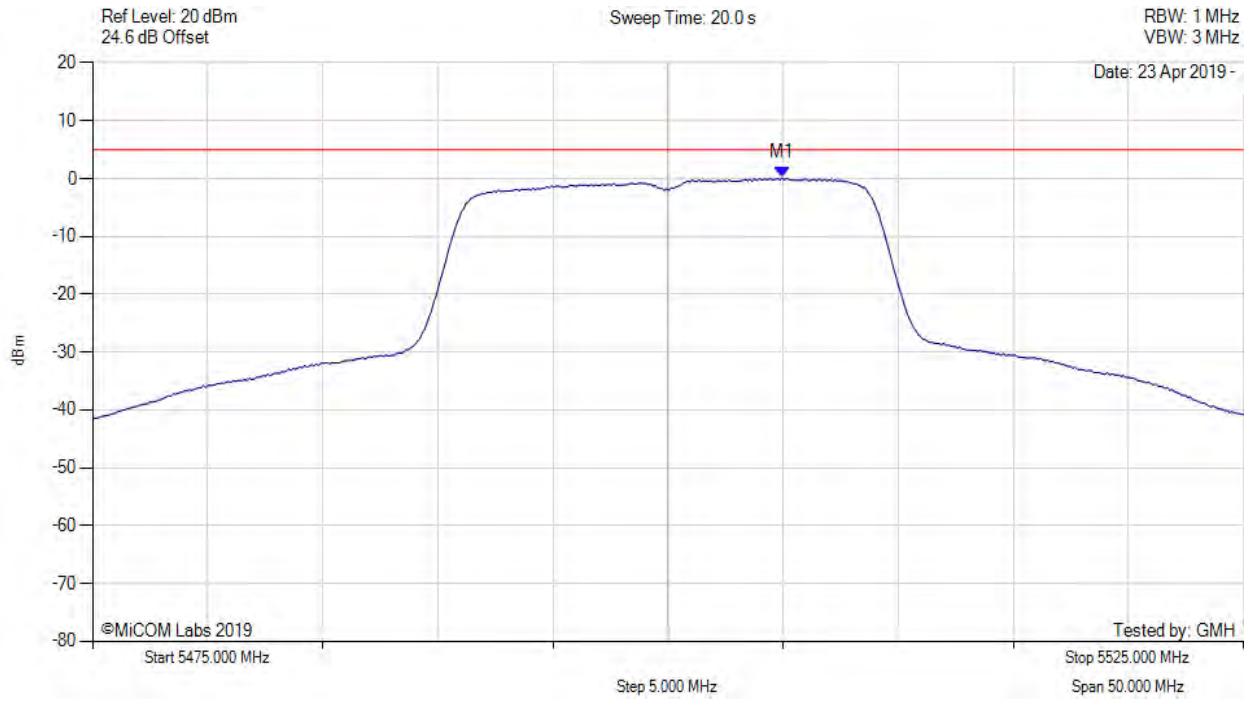


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5506.162 MHz : 0.199 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

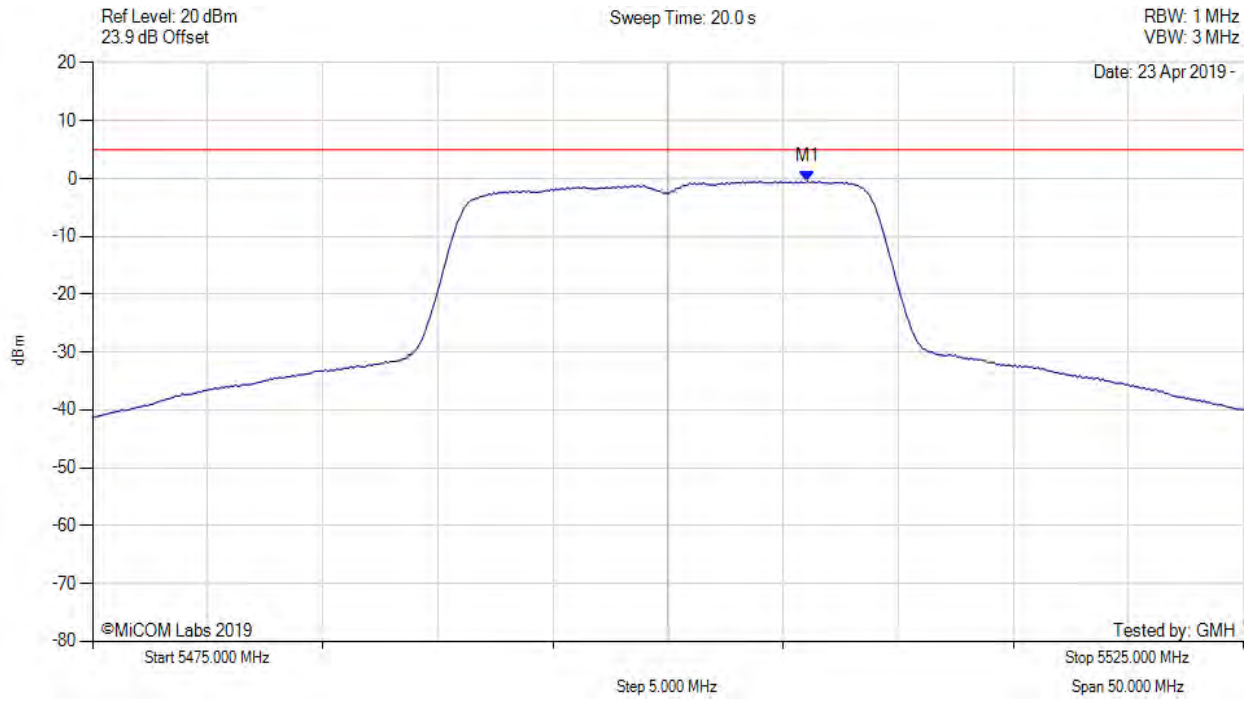


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5504.960 MHz : 0.101 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

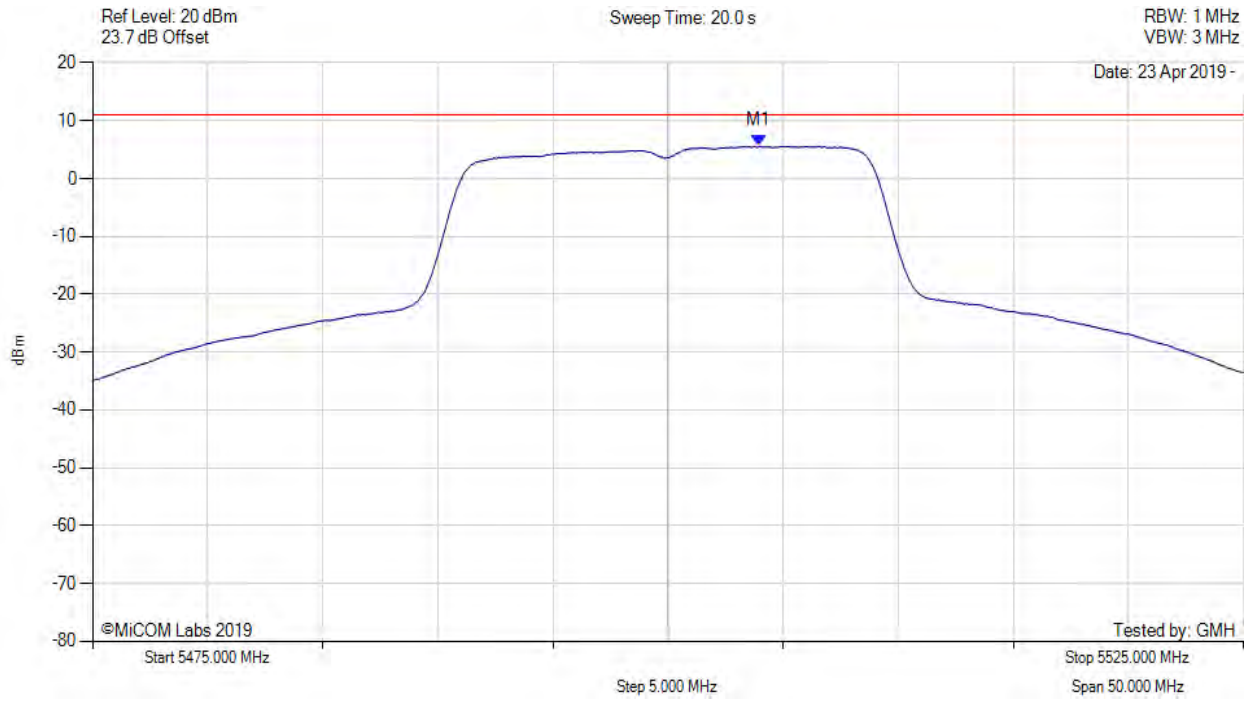


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5506.062 MHz : -0.448 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

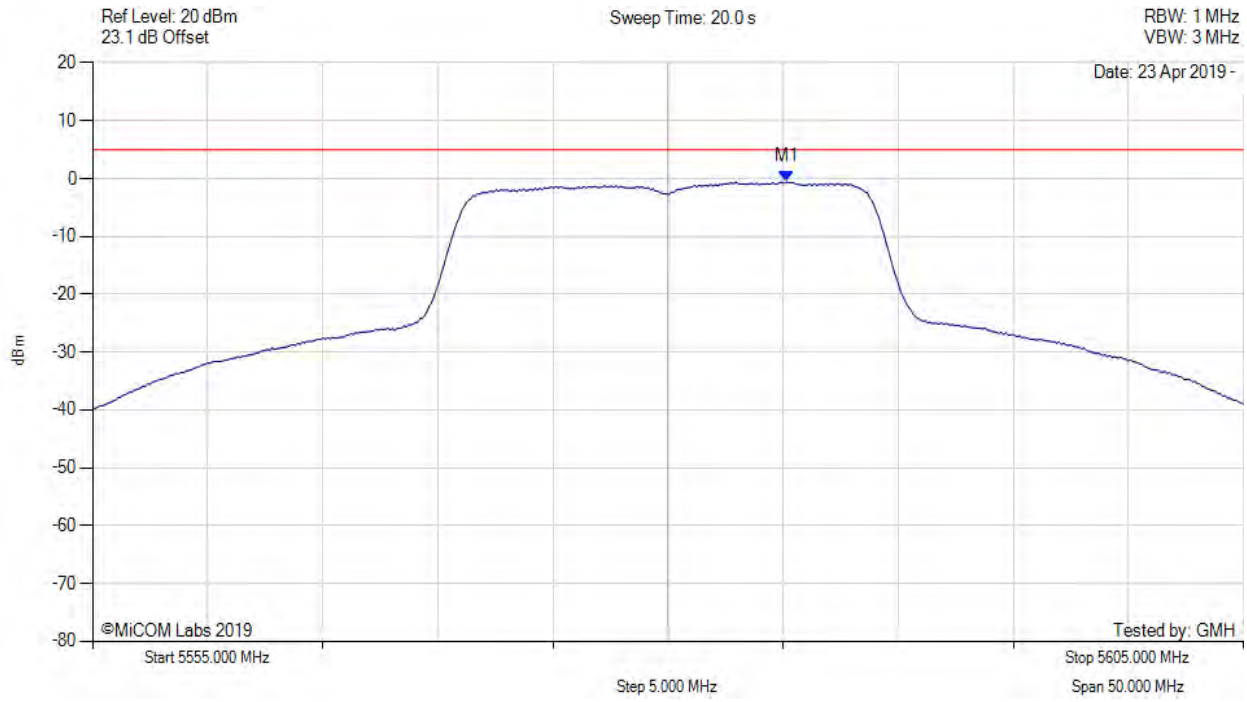


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5504.000 MHz : 5.606 dBm M1 + DCCF : 5504.000 MHz : 8.857 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 11.0 dBm Margin: -2.2 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5585.160 MHz : -0.549 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

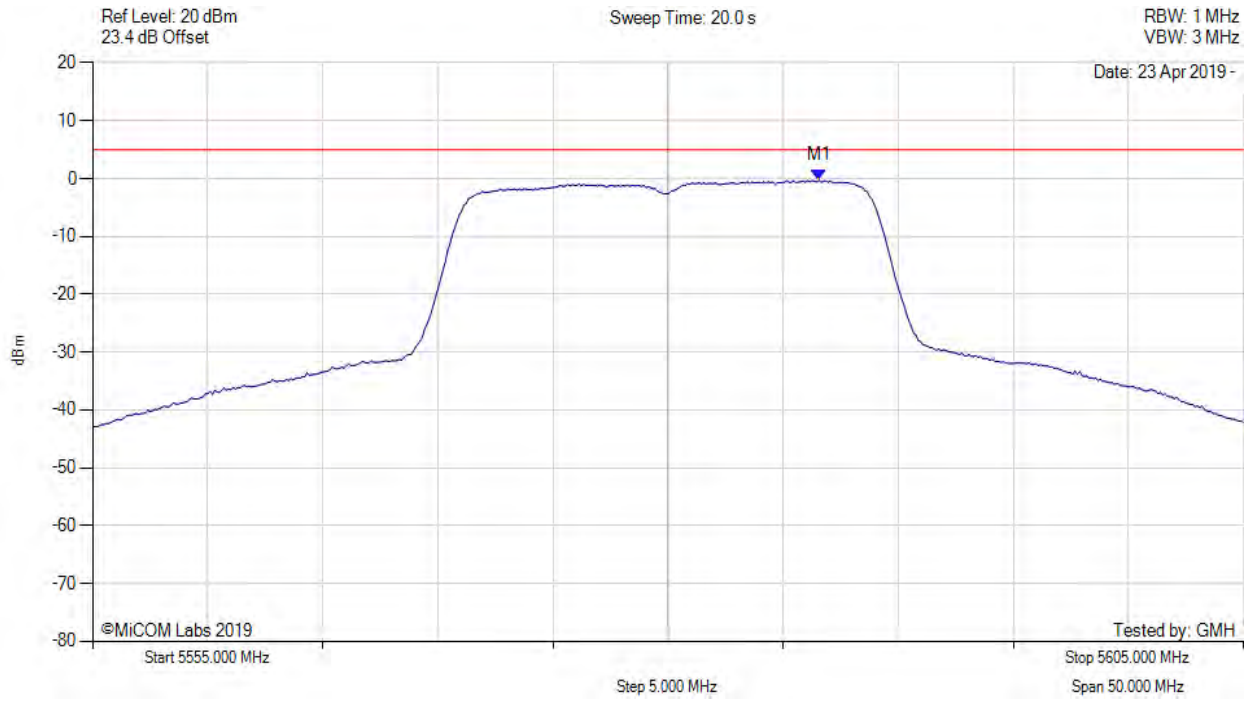
Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5583.457 MHz : -0.488 dBm	Channel Frequency: 5580.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

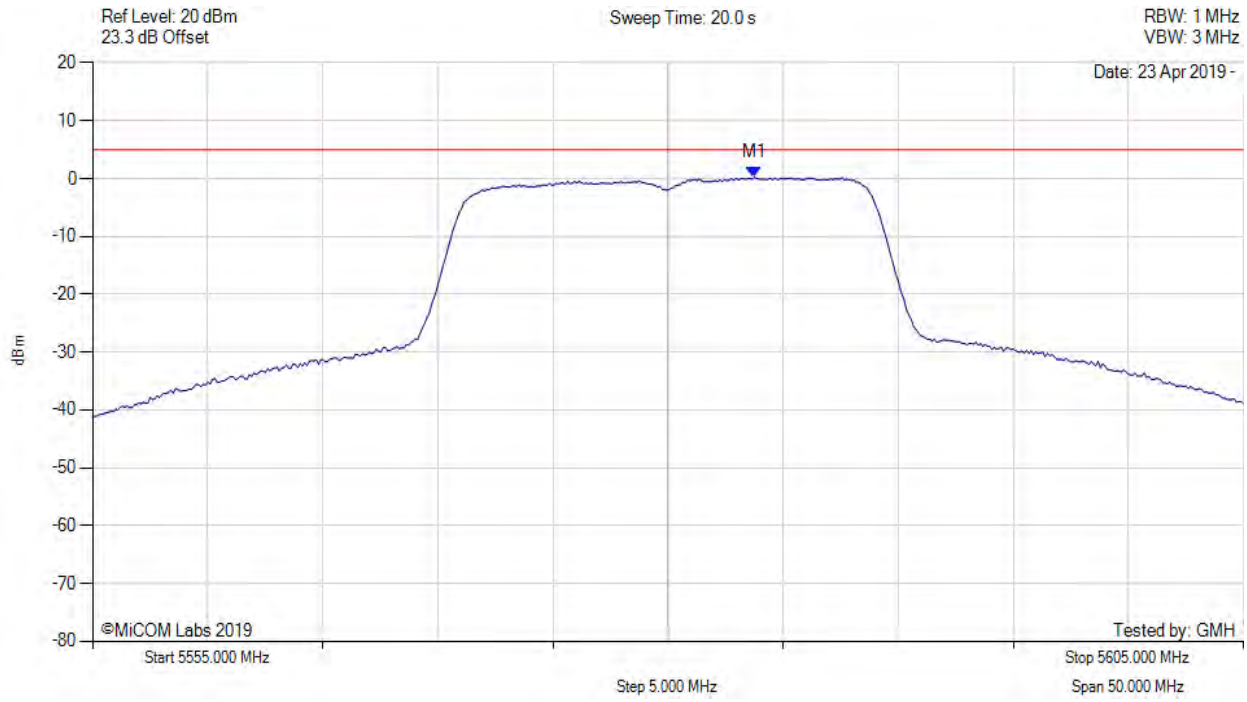


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5586.563 MHz : -0.265 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

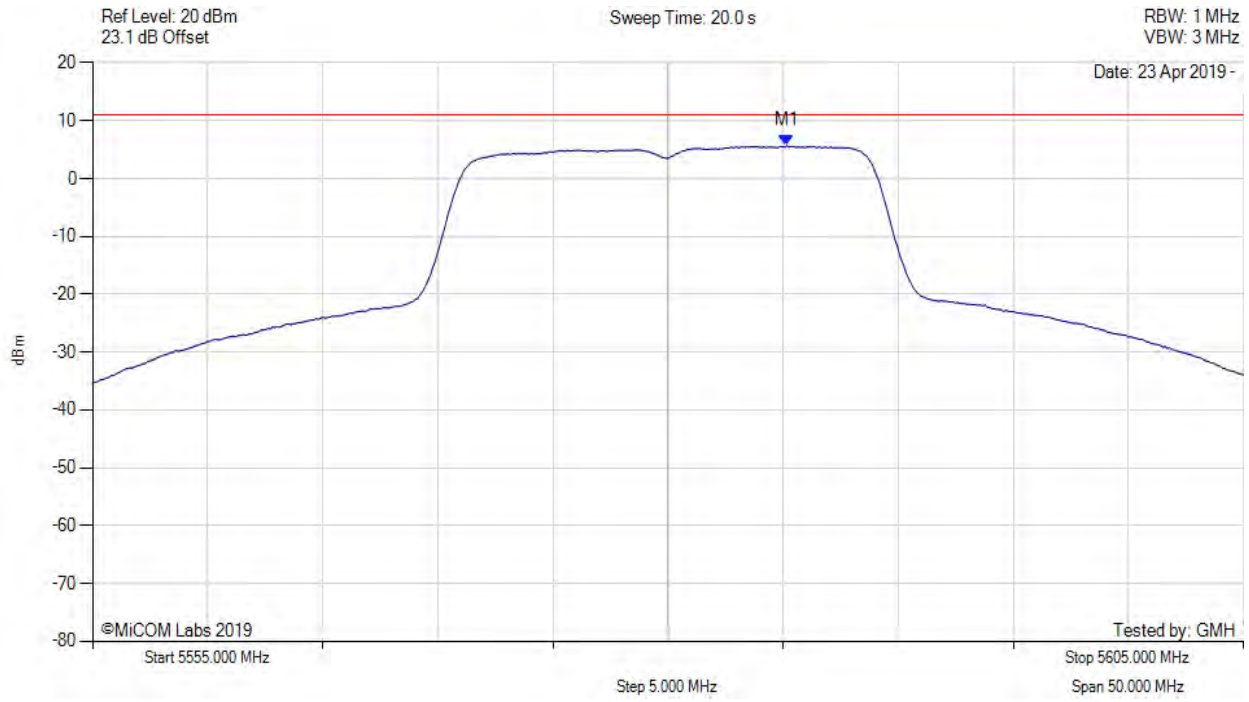


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5583.758 MHz : 0.209 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

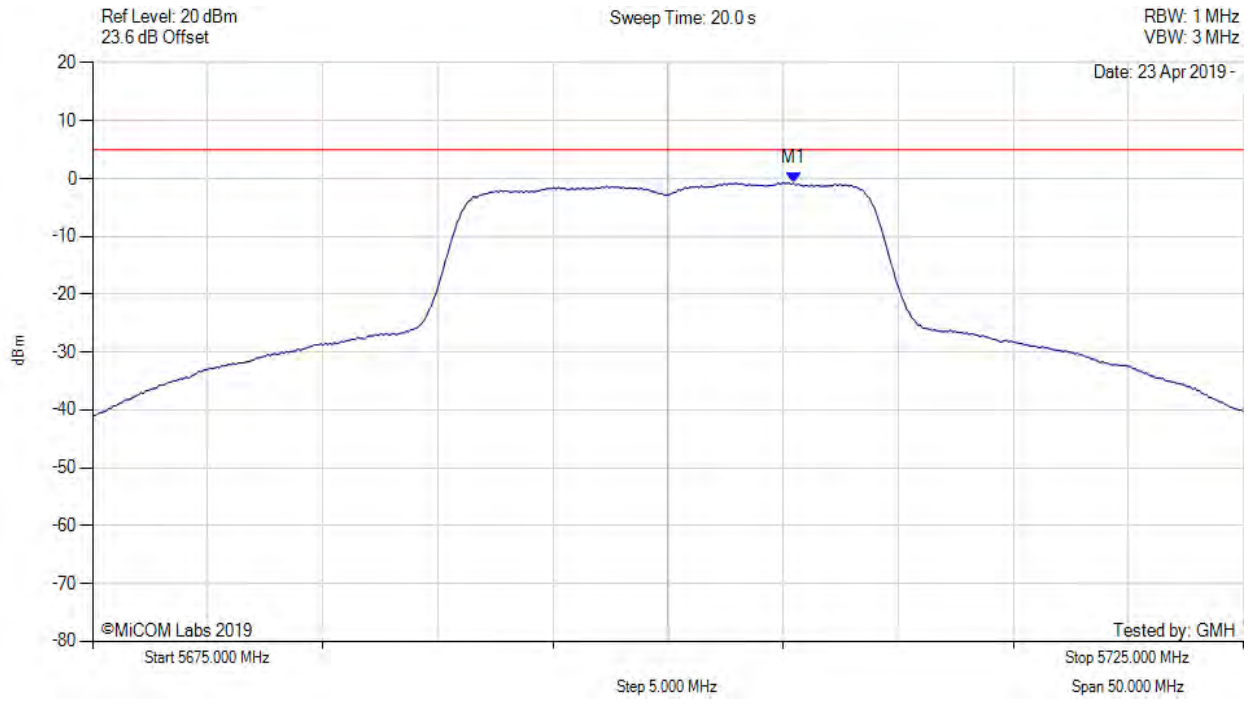


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5585.200 MHz : 5.651 dBm M1 + DCCF : 5585.200 MHz : 8.902 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 11.0 dBm Margin: -2.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

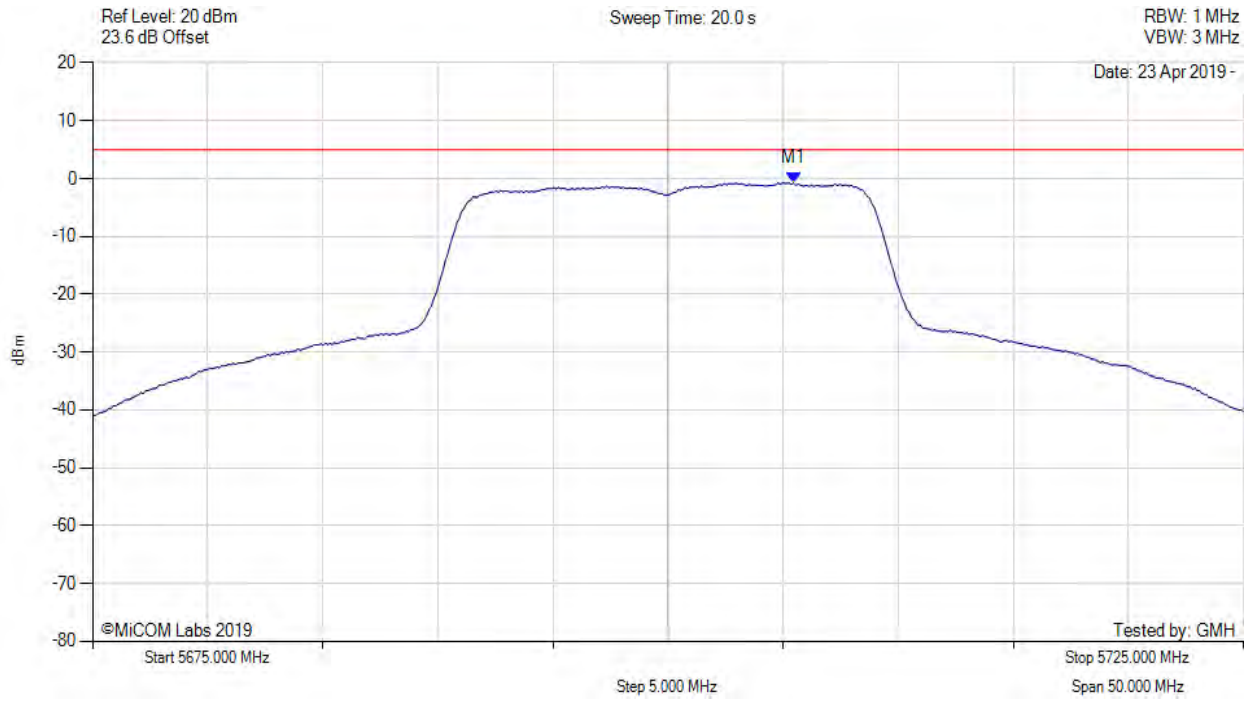


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : -0.749 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

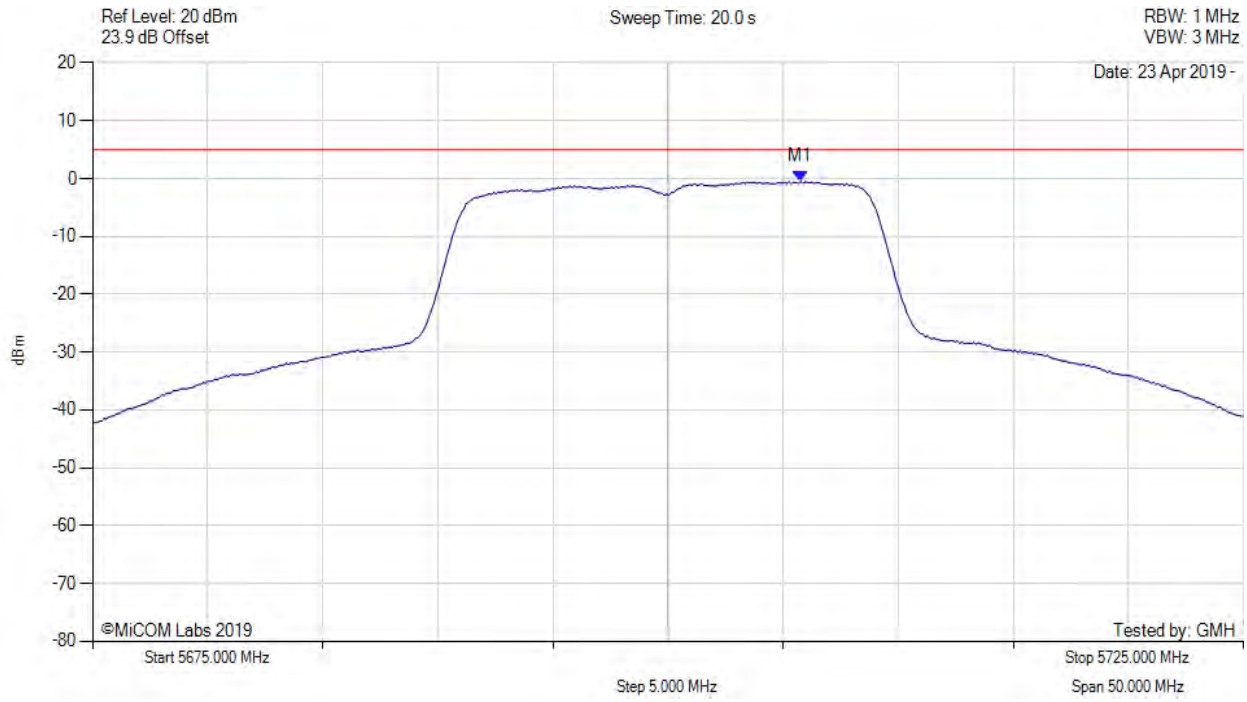


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : -0.749 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

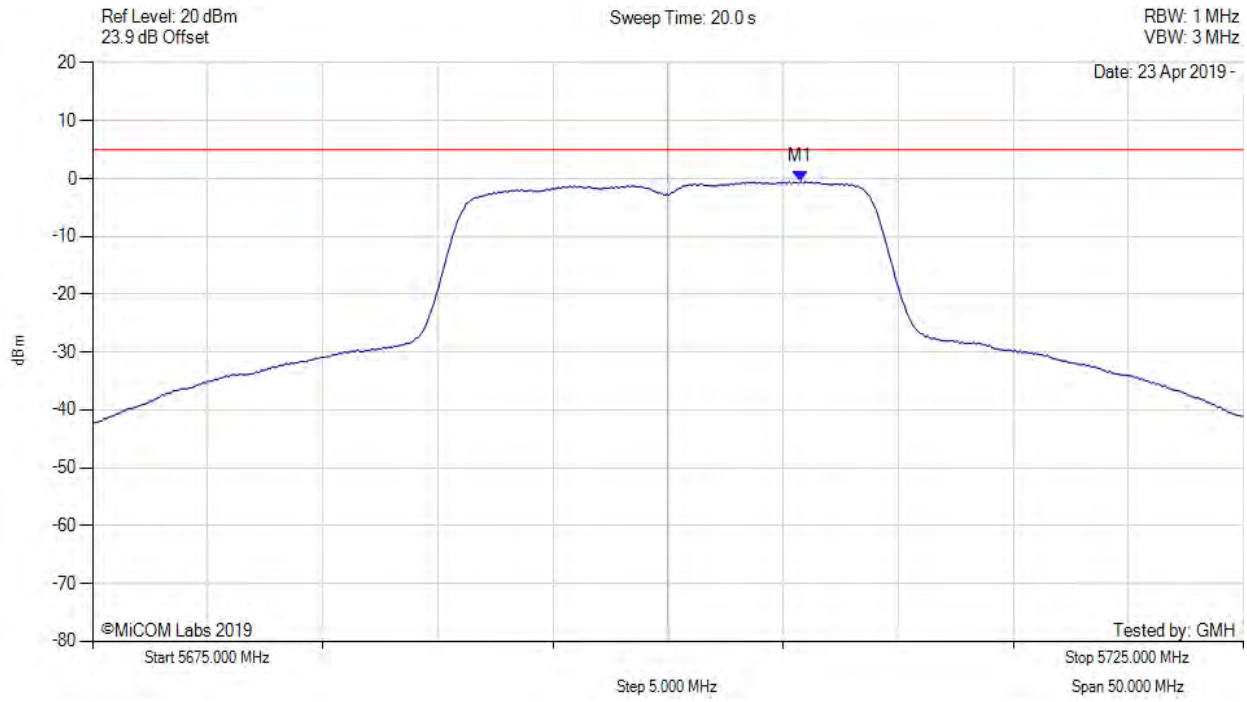


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.762 MHz : -0.500 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

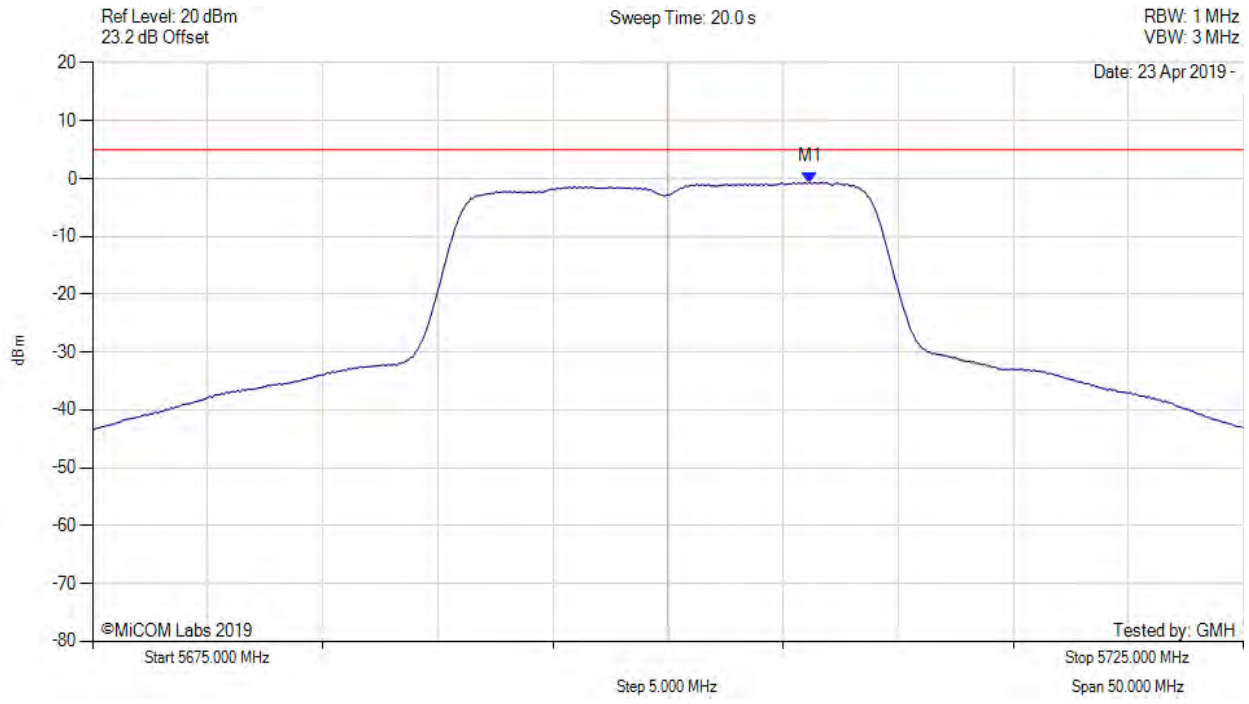


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.762 MHz : -0.500 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

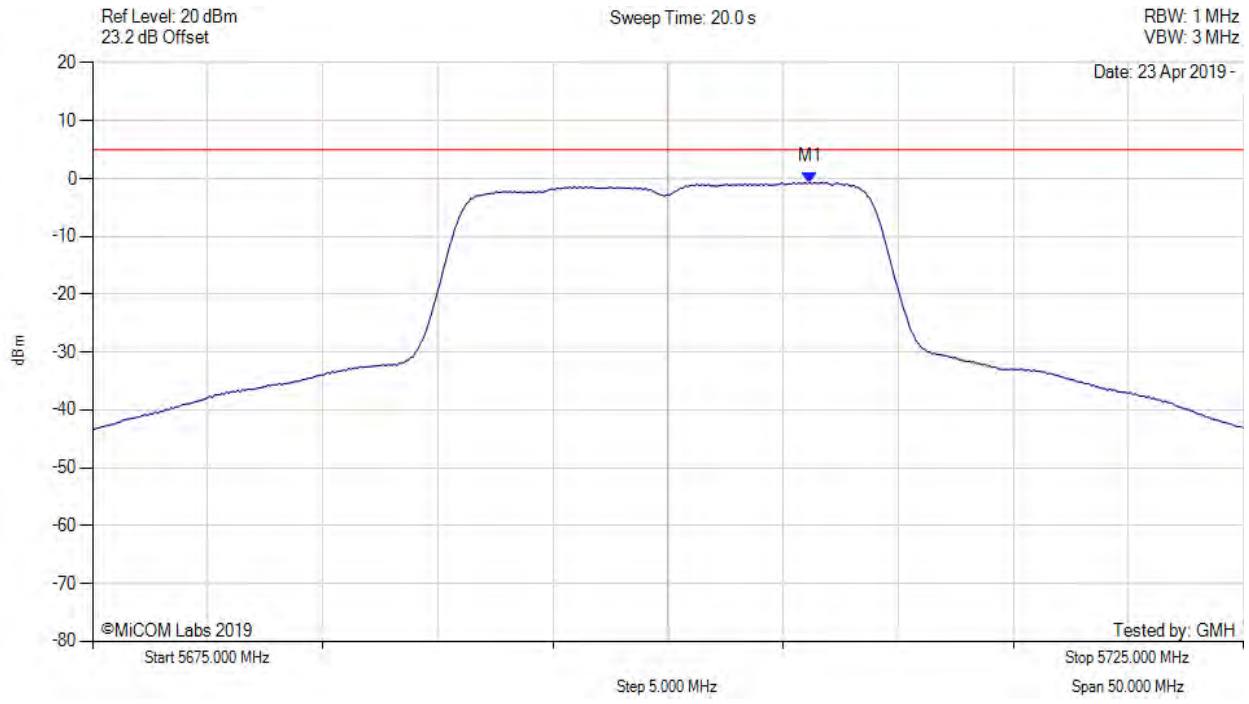


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5706.162 MHz : -0.647 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

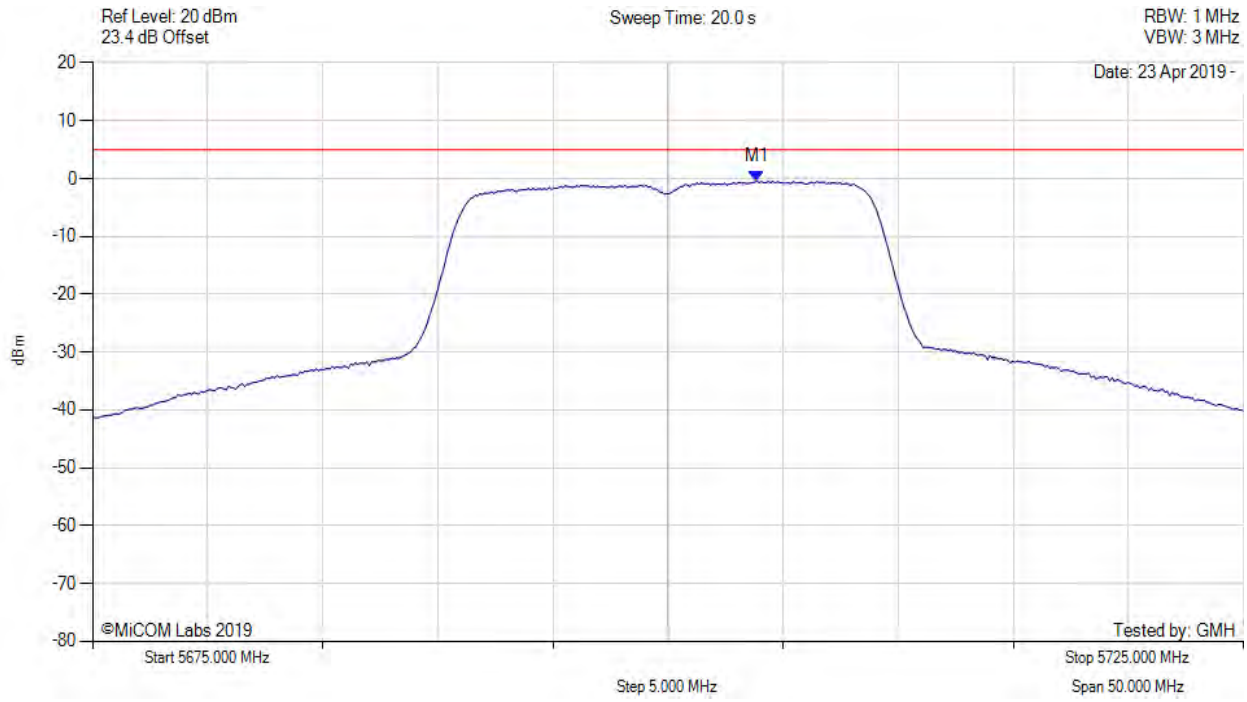


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5706.162 MHz : -0.647 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5703.858 MHz : -0.457 dBm	Limit: ≤ 4.980 dBm

back to matrix

POWER SPECTRAL DENSITY

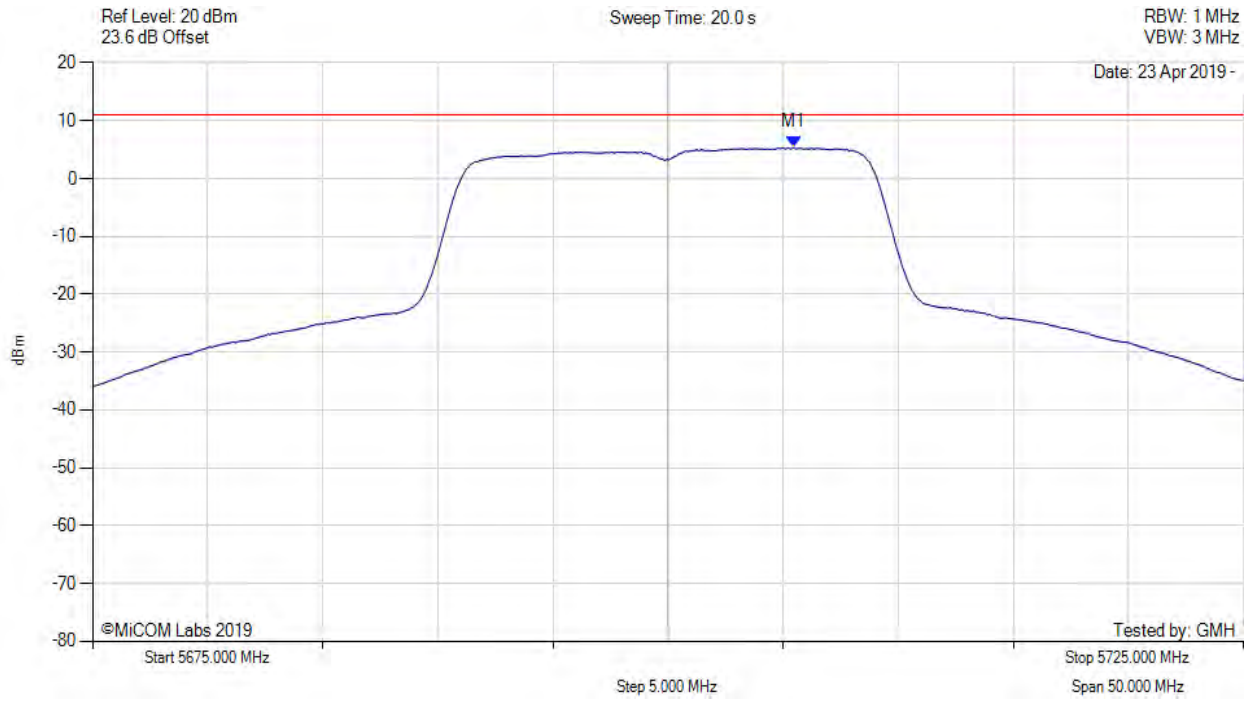
Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5703.858 MHz : -0.457 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

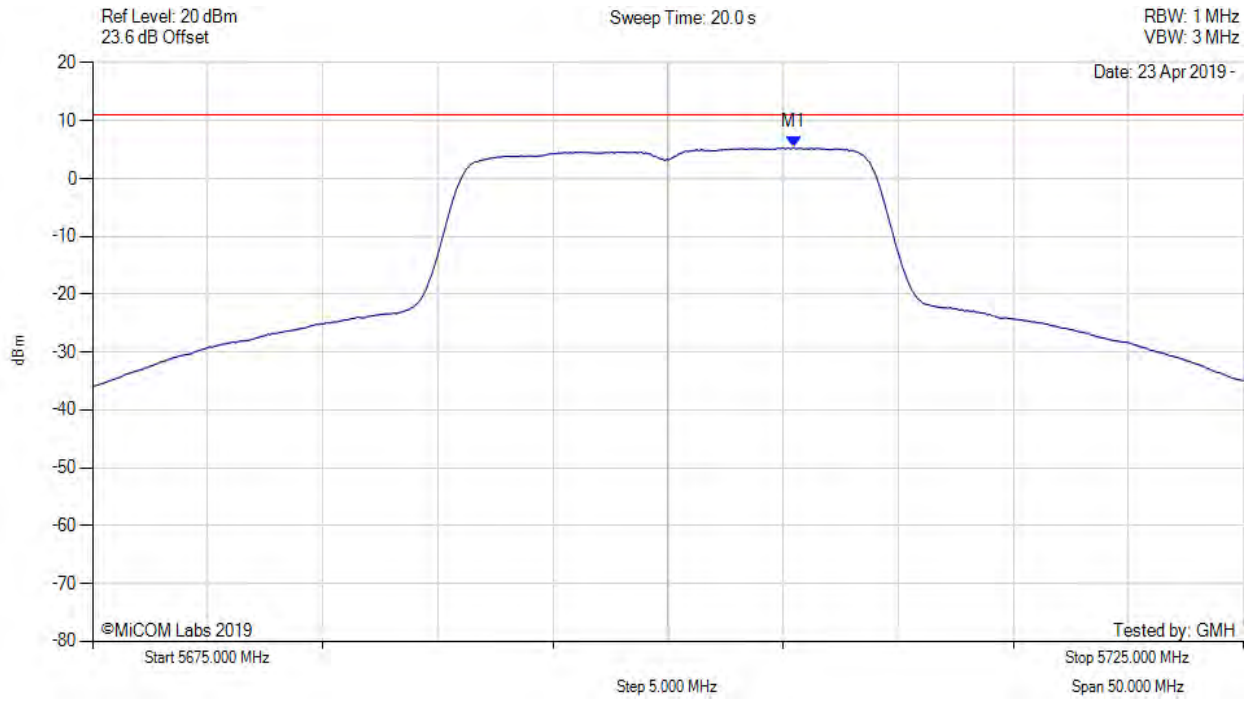


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.461 MHz : 5.370 dBm	Channel Frequency: 5700.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5705.500 MHz : 5.370 dBm M1 + DCCF : 5705.500 MHz : 8.621 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 11.0 dBm Margin: -2.4 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5749.760 MHz : -3.718 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

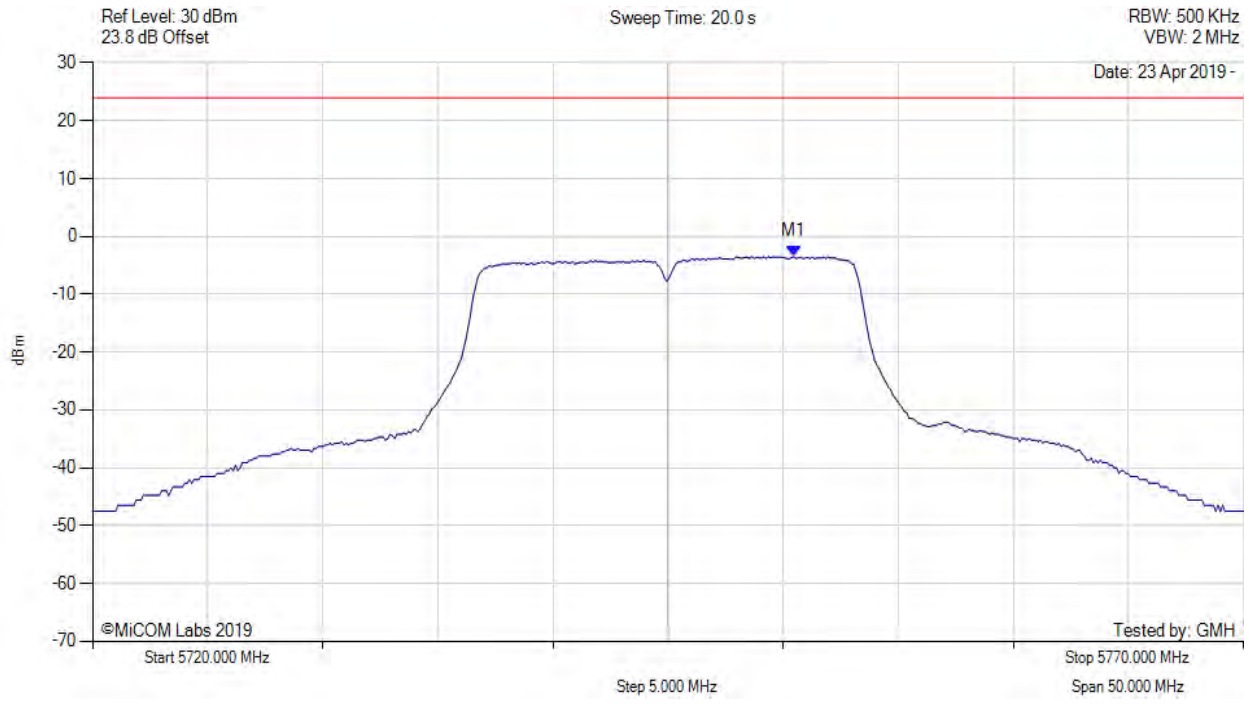
Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5750.060 MHz : -3.023 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5750.461 MHz : -3.482 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5750.160 MHz : -3.154 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5745.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5750.100 MHz : 2.577 dBm M1 + DCCF : 5750.100 MHz : 5.501 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 30.0 dBm Margin: -24.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5789.960 MHz : -3.690 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5789.860 MHz : -3.036 dBm	Channel Frequency: 5785.00 MHz

back to matrix

POWER SPECTRAL DENSITY

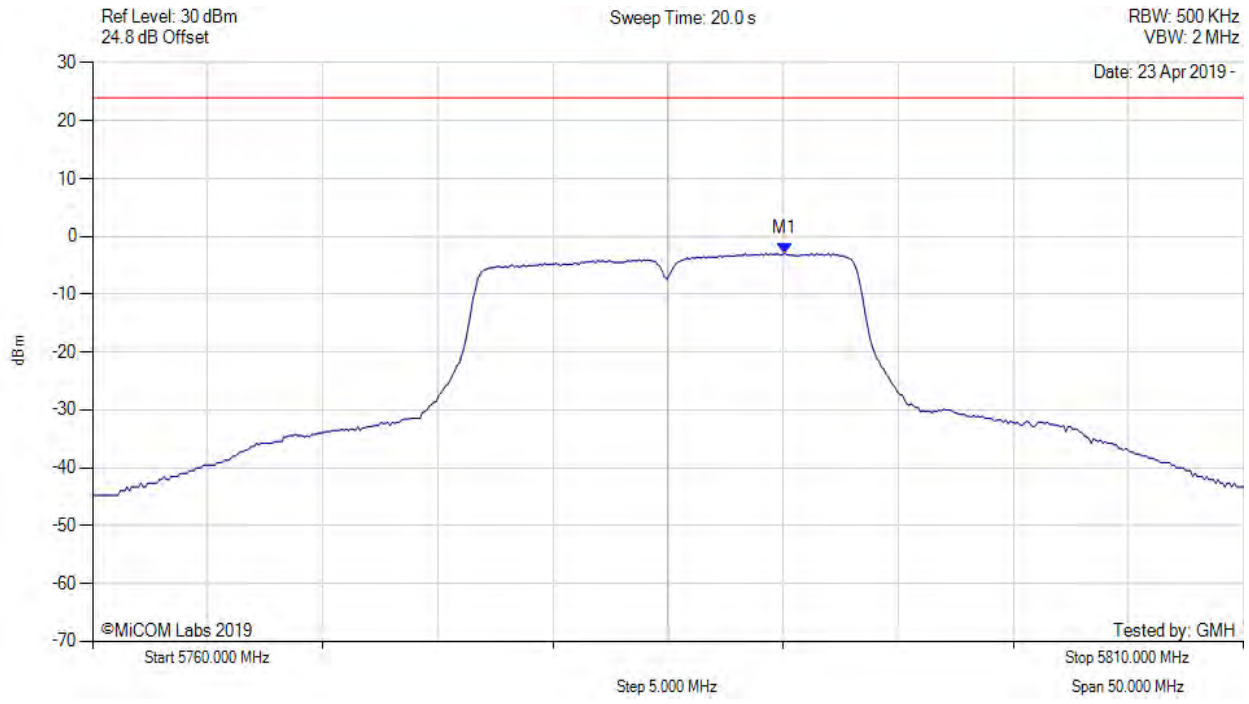
Variant: 802.11a, Channel: 5785.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5788.156 MHz : -3.620 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

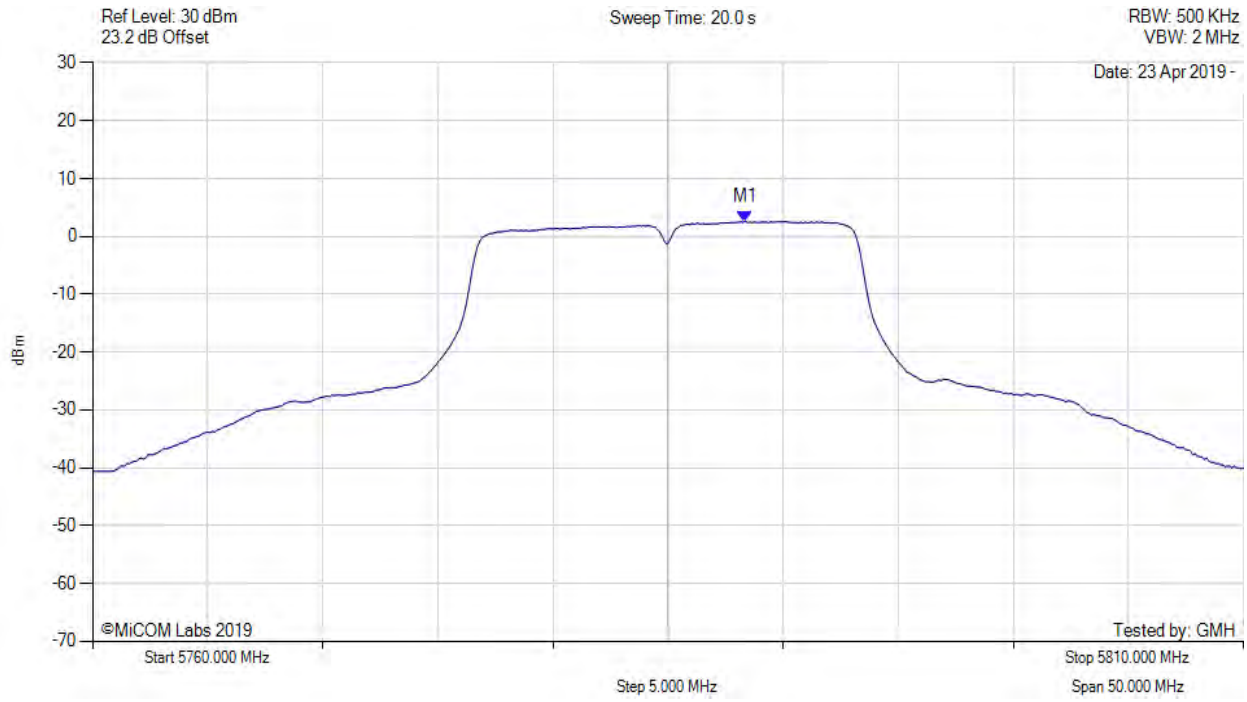


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5790.060 MHz : -2.920 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

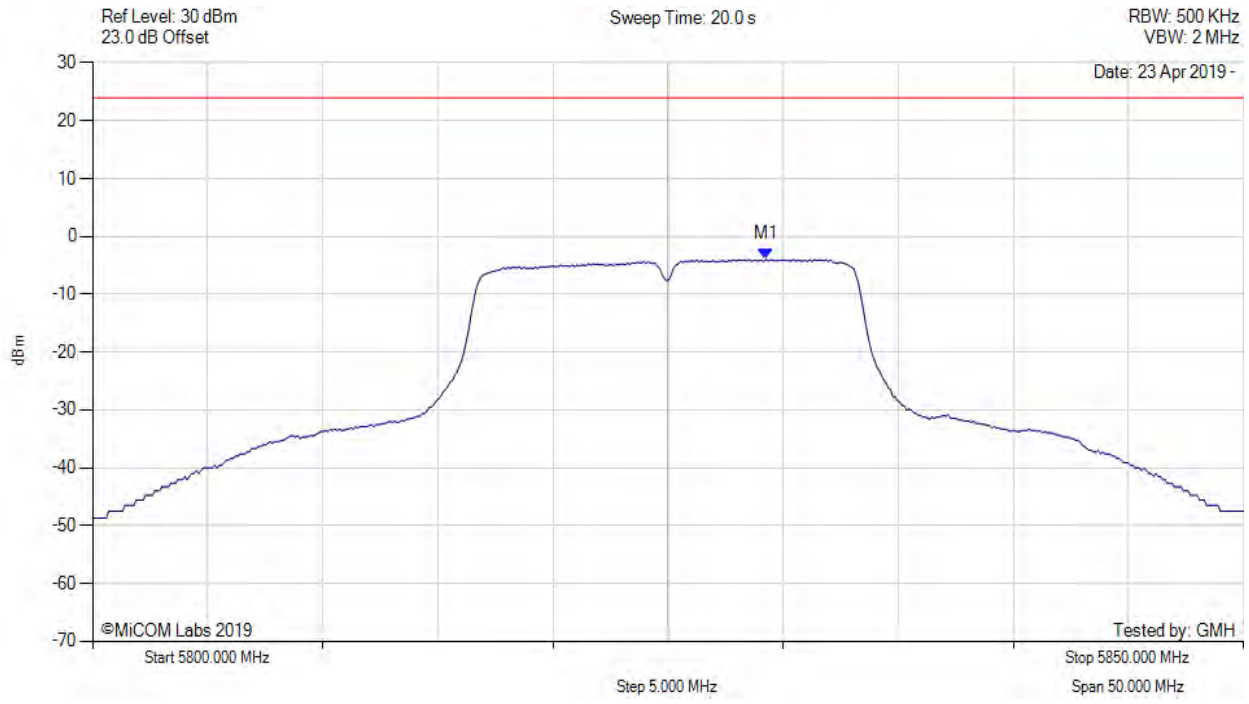


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5788.400 MHz : 2.614 dBm M1 + DCCF : 5788.400 MHz : 5.538 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 30.0 dBm Margin: -24.5 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5829.259 MHz : -3.974 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5830.060 MHz : -3.455 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5827.956 MHz : -3.634 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

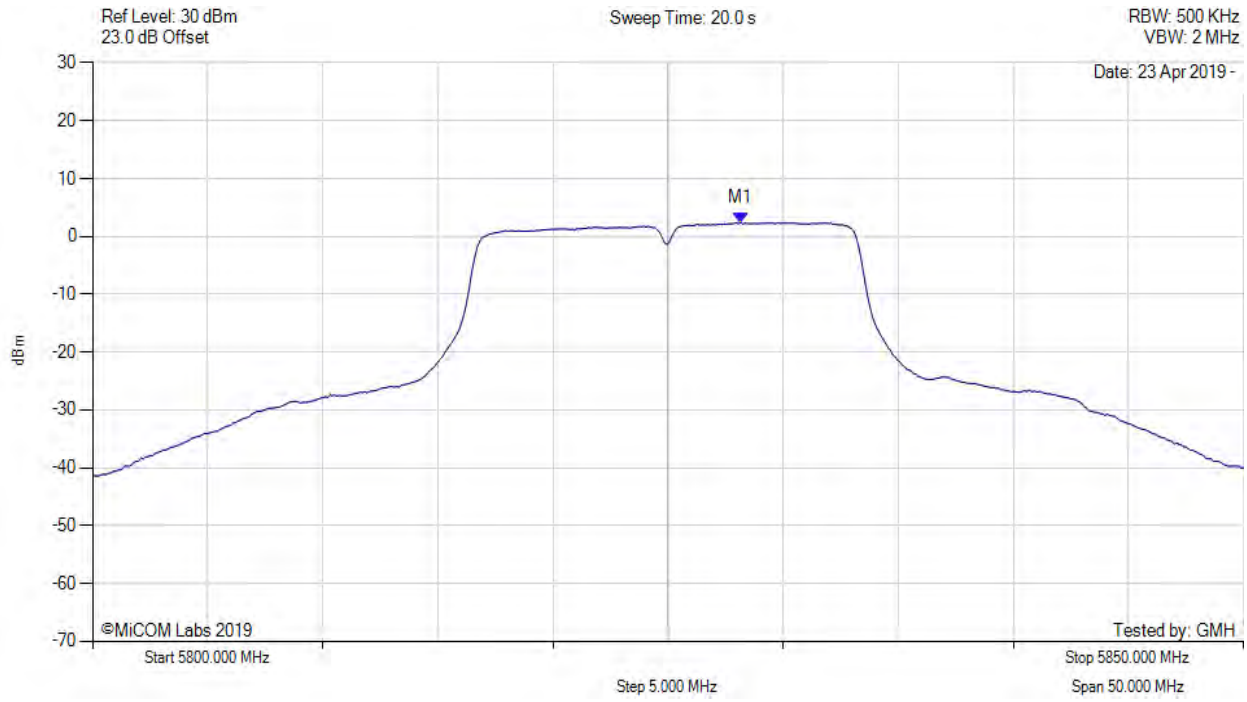
Variant: 802.11a, Channel: 5825.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5832.265 MHz : -3.023 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5828.200 MHz : 2.382 dBm M1 + DCCF : 5828.200 MHz : 5.306 dBm Duty Cycle Correction Factor : +2.92 dB	Limit: ≤ 30.0 dBm Margin: -24.7 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5750.261 MHz : -4.344 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5749.960 MHz : -3.683 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

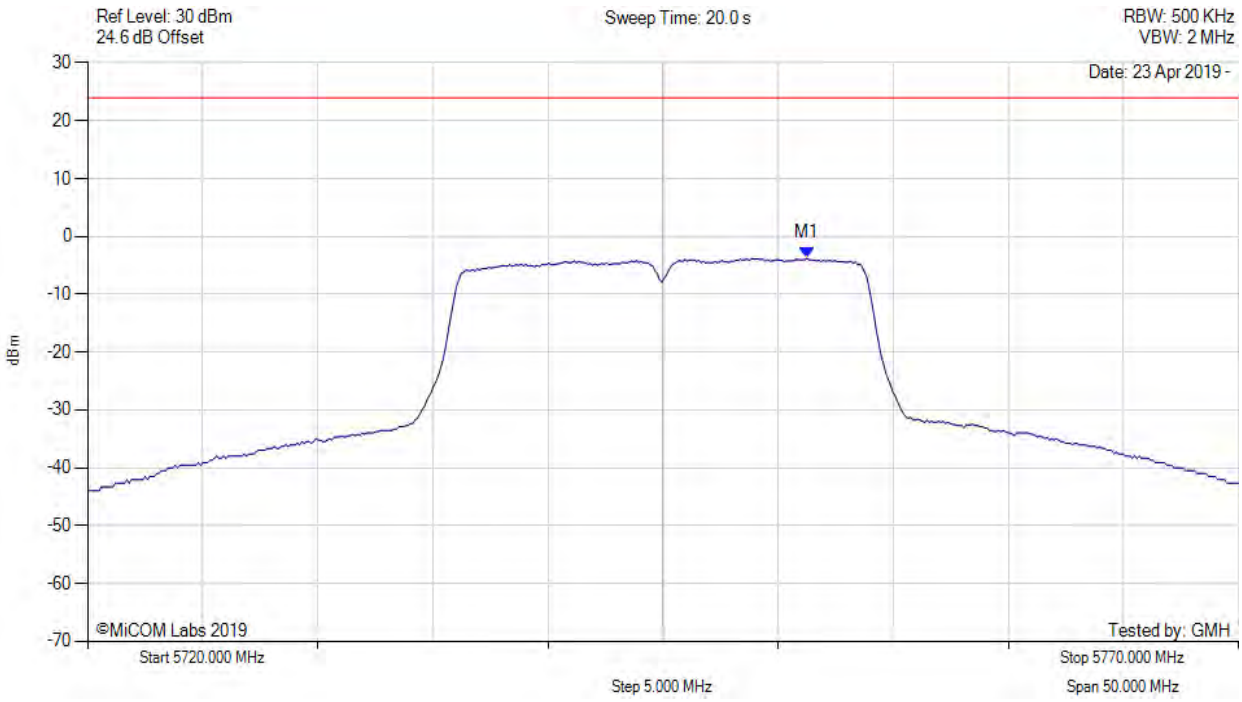
Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5749.960 MHz : -4.040 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5751.263 MHz : -3.781 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5750.000 MHz : 1.981 dBm M1 + DCCF : 5750.000 MHz : 5.232 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 30.0 dBm Margin: -24.8 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5790.160 MHz : -4.025 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5789.259 MHz : -3.676 dBm	Channel Frequency: 5785.00 MHz

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5789.960 MHz : -4.047 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

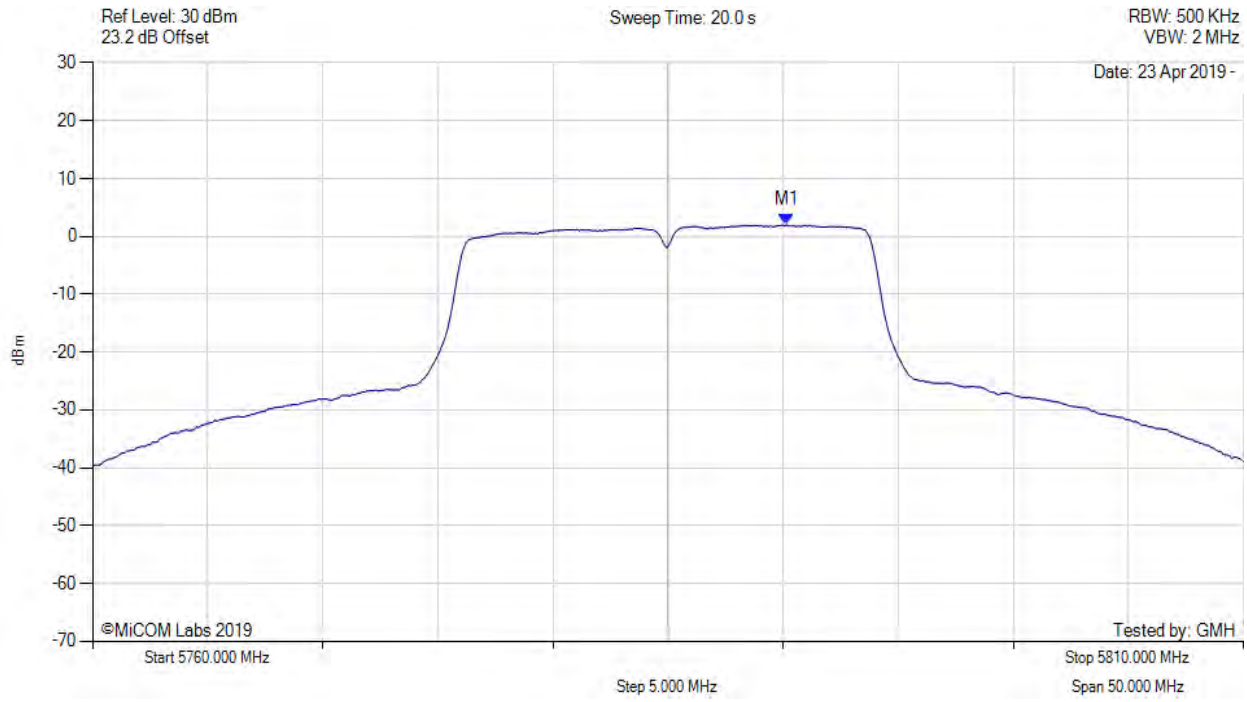
Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5791.162 MHz : -3.683 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5790.200 MHz : 2.009 dBm M1 + DCCF : 5790.200 MHz : 4.933 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 30.0 dBm Margin: -25.1 dB

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5827.956 MHz : -4.382 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5829.058 MHz : -4.025 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain c, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5832.064 MHz : -4.120 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

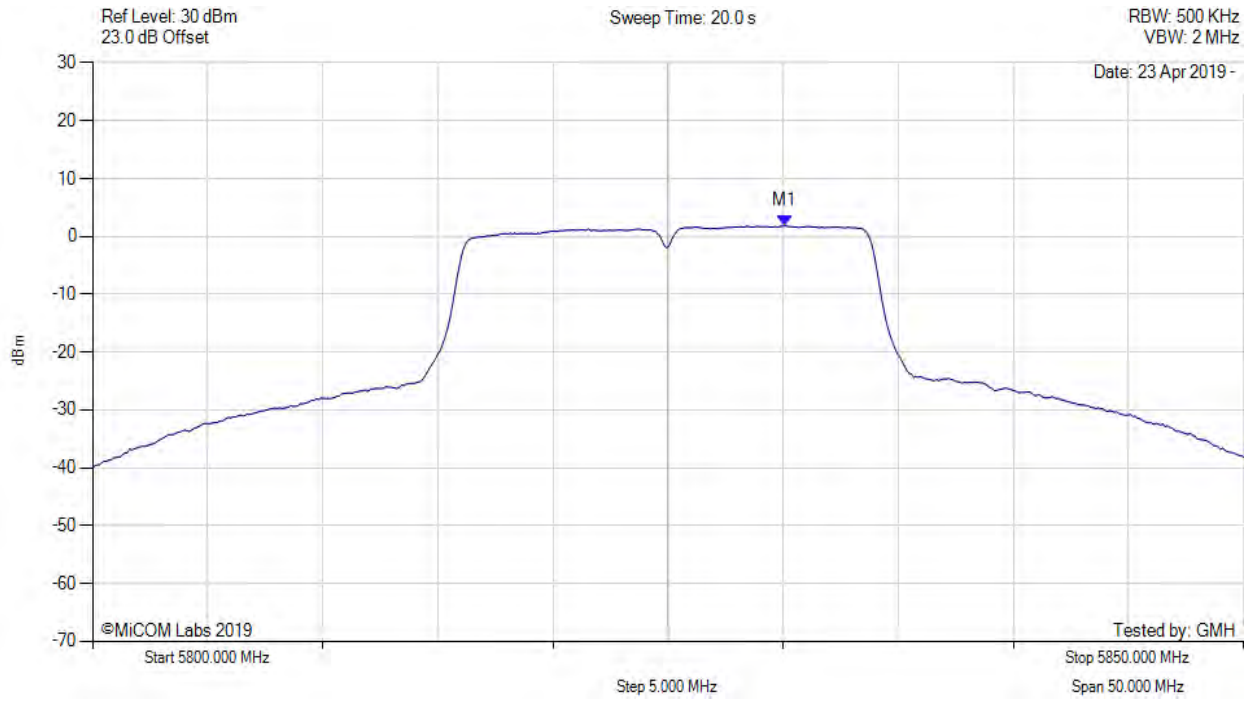
Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain d, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5831.062 MHz : -3.455 dBm	Limit: ≤ 23.980 dBm

back to matrix

POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, SUM, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 5830.100 MHz : 1.811 dBm M1 + DCCF : 5830.100 MHz : 5.062 dBm Duty Cycle Correction Factor : +3.28 dB	Limit: ≤ 30.0 dBm Margin: -25.0 dB

back to matrix

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