REGULATORY COMPLIANCE TEST REPORT

FCC CFR 47 Part 15 Subpart E 15.407
ISED RSS-247 Issue 2

Report No.: HPEN155-U9 Rev A (UNII)
Addendum: RF Power, Bandwidth

Company: Hewlett Packard Enterprise Company

Model Name: ASIN0304, ASIN0303

REGULATORY COMPLIANCE TEST REPORT

Company Name: Hewlett Packard Enterprise Company

Model Name: ASIN0304, ASIN0303

To: FCC CFR 47 Part 15 Subpart E 15.407

Test Report Serial No.: HPEN155-U9 Rev A (UNII)
Addendum: RF Power, Bandwidth

This report supersedes: NONE

Applicant: Hewlett Packard Enterprise Company
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1. TEST RESULTS

1.1. Peak Transmit 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)	**Pressure (mBars):**	999 - 1001
Reference Document(s):	See Normative References		

Test Procedure for Maximum Conducted Output Power Measurement
Method PM (Measurement using an RF average power meter). KDB 789033 defines a methodology using an average wideband power meter. Measurements were made while the EUT was operating in a continuous transmission mode (100% duty cycle) at the appropriate center frequency. 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 MHz 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 MHz 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 MHz 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 MHz 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 MHz 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.

FCC Power Measurements

Equipment Configuration for Peak Transmit Power

Variant:	802.11a	**Duty Cycle (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5180.0	17.07	18.75	--	--	21.00	Not Applicable	30.00	-9.00	18.00
5200.0	17.35	19.11	--	--	21.33	Not Applicable	30.00	-8.67	18.00
5240.0	17.79	19.51	--	--	21.74	Not Applicable	30.00	-8.26	18.00

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5210.0	16.14	17.79	--	--	20.05	Not Applicable	28.70	-6.65	17.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5180.0	17.27	18.89	--	--	21.17	Not Applicable	28.70	-7.53	18.00
5200.0	17.59	19.19	--	--	21.47	Not Applicable	28.70	-7.23	18.00
5240.0	17.95	19.60	--	--	21.86	Not Applicable	28.70	-6.84	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-40	**Duty Cycle (%):**	97.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5190.0	16.35	18.04	--	--	20.29	Not Applicable	28.70	-8.41	17.00
5230.0	17.77	19.36	--	--	21.65	Not Applicable	28.70	-7.05	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5210.0	16.63	18.27	--	--	20.54	Not Applicable	28.70	-8.16	17.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5180.0	17.10	18.78	--	--	21.03	Not Applicable	28.70	-7.67	18.00
5200.0	17.34	19.05	--	--	21.29	Not Applicable	28.70	-7.41	18.00
5240.0	17.72	19.47	--	--	21.69	Not Applicable	28.70	-7.01	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5190.0	17.16	18.88	--	--	21.11	Not Applicable	28.70	-7.59	18.00
5230.0	17.55	19.30	--	--	21.52	Not Applicable	28.70	-7.18	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11a	**Duty Cycle (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5260.0	17.68	19.11	--	--	21.46	21.200	24.00	-2.54	18.00
5300.0	17.87	19.44	--	--	21.74	23.200	24.00	-2.26	18.00
5320.0	17.98	19.42	--	--	21.77	23.130	24.00	-2.23	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5290.0	16.49	18.10	--	--	20.38	132.530	22.70	-2.32	17.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5260.0	17.85	19.46	--	--	21.74	22.800	22.70	-0.96	18.00
5300.0	17.98	19.60	--	--	21.88	24.530	22.70	-0.82	18.00
5320.0	18.03	19.64	--	--	21.92	27.930	22.70	-0.78	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5270.0	17.87	19.40	--	--	21.71	39.870	22.70	-0.99	18.00
5310.0	16.78	18.38	--	--	20.66	44.530	22.70	-2.04	17.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5290.0	16.81	18.50	--	--	20.75	84.000	22.70	-1.95	17.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5260.0	17.64	18.79	--	--	21.26	24.670	22.70	-1.44	18.00
5300.0	17.83	19.08	--	--	21.51	25.800	22.70	-1.19	18.00
5320.0	18.01	19.14	--	--	21.62	29.070	22.70	-1.08	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5270.0	17.73	18.91	--	--	21.37	67.070	22.70	-1.33	18.00
5310.0	17.83	19.15	--	--	21.55	66.800	22.70	-1.15	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11a	**Duty Cycle (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5500.0	18.02	18.86	--	--	21.47	23.800	24.00	-2.53	18.00
5580.0	18.63	19.33	--	--	22.00	25.470	24.00	-2.00	18.00
5720.0	17.92	18.14	--	--	21.04	21.270	24.00	-2.96	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ac-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5530.0	16.24	17.04	--	--	20.67	122.130	22.70	-2.03	16.00
5610.0	18.71	19.18	--	--	21.96	132.530	22.70	-0.74	18.00
5690.0	18.02	18.47	--	--	21.26	129.330	22.70	-1.44	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5500.0	18.27	19.10	--	--	21.72	23.000	22.70	-0.98	18.00
5580.0	18.87	19.69	--	--	22.31	26.600	22.70	-0.39	18.00
5720.0	18.07	18.59	--	--	21.35	20.670	22.70	-1.35	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5510.0	16.31	17.09	--	--	19.72	42.800	22.70	-2.98	16.00
5550.0	18.83	19.50	--	--	22.19	46.530	22.70	-0.51	18.00
5710.0	18.19	18.64	--	--	21.43	44.130	22.70	-1.27	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5530.0	15.53	16.31	--	--	18.95	79.200	22.70	-3.75	15.00
5610.0	18.88	19.45	--	--	22.18	80.270	22.70	-0.52	18.00
5690.0	18.33	18.75	--	--	21.56	84.800	22.70	-1.14	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5500.0	18.01	18.89	--	--	21.48	25.330	22.70	-1.22	18.00
5580.0	18.65	19.44	--	--	22.07	28.200	22.70	-0.63	18.00
5720.0	17.94	18.10	--	--	21.03	24.270	22.70	-1.67	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5510.0	15.02	15.38	--	--	18.21	66.930	22.70	-4.49	15.00
5550.0	18.51	18.90	--	--	21.72	64.930	22.70	-0.98	18.00
5710.0	17.88	17.90	--	--	20.90	49.600	22.70	-1.80	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Reduction in power due to radiated band-edge compliance limitations

Equipment Configuration for Peak Transmit Power			
Variant:	802.11a	**Duty Cycle (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
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 Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5745.0	18.19	18.58	--	--	21.40	Not Applicable	30.00	-8.60	18.00
5785.0	17.79	18.46	--	--	21.15	Not Applicable	30.00	-8.85	18.00
5825.0	18.19	18.68	--	--	21.45	Not Applicable	30.00	-8.55	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5775.0	17.86	18.43	--	--	21.16	Not Applicable	28.70	-7.54	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5745.0	18.35	18.78	--	--	21.58	Not Applicable	28.70	-7.12	18.00
5785.0	17.99	18.59	--	--	21.31	Not Applicable	28.70	-7.39	18.00
5825.0	18.32	18.81	--	--	21.58	Not Applicable	28.70	-7.12	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5755.0	18.40	18.79	--	--	21.61	Not Applicable	28.70	-7.09	18.00
5795.0	18.08	18.60	--	--	21.36	Not Applicable	28.70	-7.34	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5775.0	18.02	18.60	--	--	21.33	Not Applicable	28.70	-7.37	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5745.0	18.26	18.61	--	--	21.45	Not Applicable	28.70	-7.25	18.00
5785.0	17.81	18.40	--	--	21.13	Not Applicable	28.70	-7.57	18.00
5825.0	18.26	18.63	--	--	21.46	Not Applicable	28.70	-7.24	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	GMH
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total Power	Minimum 26 dB Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm	MHz	dBm	dB	
5755.0	18.07	18.52	--	--	21.31	Not Applicable	28.70	-7.39	18.00
5795.0	17.79	18.29	--	--	21.06	Not Applicable	28.70	-7.64	18.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

ISED Power Measurements (5150 – 5250 MHz)

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 16.973 MHz: Limit = +22.30 dBm/EIRP (Click here to view 802.11a 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power			
Variant:	802.11a	**Duty Cycle (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5180.0	12.91	14.32	--	--	20.98	16.973	22.30	-1.32	14.00
5200.0	13.02	14.65	--	--	21.22	17.021	22.31	-1.09	14.00
5240.0	13.11	14.78	--	--	21.34	17.095	22.33	-0.99	14.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 76.828 MHz: Limit = +28.86 dBm/EIRP (Click here to view 802.11ac-80 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power

Variant:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5210.0	11.30	12.88	--	--	22.47	76.828	23.00	-0.53	11.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 18.796 MHz: Limit = +22.74 dBm/EIRP (Click here to view 802.11ax-20 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5180.0	10.45	11.92	--	--	21.56	18.797	22.74	-1.18	11.00
5200.0	10.63	11.85	--	--	21.59	18.796	22.74	-1.15	11.00
5240.0	10.19	11.98	--	--	21.49	18.829	22.75	-1.26	11.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 37.480 MHz: Limit = +25.74 dBm/EIRP (Click here to view 802.11ax-40 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-40	**Duty Cycle (%):**	97.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5190.0	11.51	12.89	--	--	22.56	37.495	23.00	-0.44	11.00
5230.0	11.49	12.86	--	--	22.54	37.480	23.00	-0.46	11.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 77.484 MHz: Limit = +28.90 dBm/EIRP (Click here to view 802.11ax-80 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power			
Variant:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5210.0	11.56	12.72	--	--	22.49	77.484	23.00	-0.51	11.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 17.977 MHz: Limit = +22.55 dBm/EIRP (Click here to view 802.11n HT20 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5180.0	10.35	11.67	--	--	21.37	17.977	22.55	-1.18	11.00
5200.0	10.45	11.98	--	--	21.59	18.000	22.55	-0.96	11.00
5240.0	10.58	11.87	--	--	21.58	18.071	22.57	-0.99	11.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

RSS-247 Section 6.2.1.1 Limits 200mW or 10 + 10*Log(B) dBm

Minimum 99% Bandwidth = 36.776 MHz: Limit = +25.66 dBm/EIRP (Click here to view 802.11n HT40 99% Bandwidth Measurements)

Equipment Configuration for Peak Transmit Power			
Variant:	802.11n HT-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Test Frequency	Measured Conducted Output Power (dBm) Port(s)				Calculated Total EIRP Power	Minimum 99% Bandwidth	Limit	Margin	EUT Power Setting
MHz	a	b	c	d	Σ Port(s) dBm/EIRP	MHz	dBm/EIRP	dB	
5190.0	11.88	12.79	--	--	22.67	36.815	23.00	-0.33	12.00
5230.0	11.89	12.77	--	--	22.66	36.776	23.00	-0.34	12.00

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

The above measurements are true pulse readings and therefore a Duty Cycling correction factor is not required.

1.2. 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 (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
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	21.000	28.870	--	--	28.870	21.000		
5200.0	21.600	27.270	--	--	27.270	21.600		
5240.0	24.070	29.130	--	--	29.130	24.070		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	17.070	16.973	--	--	17.070	16.973		
5200.0	17.078	17.021	--	--	17.078	17.021		
5240.0	17.149	17.095	--	--	17.149	17.095		

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:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5210.0	128.270	133.330	--	--	133.330	128.270		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5210.0	76.828	76.907	--	--	76.907	76.828		

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:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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	26.530	28.470	--	--	28.470	26.530		
5200.0	20.870	31.200	--	--	31.200	20.870		
5240.0	28.130	30.870	--	--	30.870	28.130		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	18.797	18.841	--	--	18.841	18.797		
5200.0	18.796	18.842	--	--	18.842	18.796		
5240.0	18.829	18.873	--	--	18.873	18.829		

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:	802.11ax-40	**Duty Cycle (%):**	97.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5190.0	39.870	50.000	--	--	50.000	39.870		
5230.0	44.400	51.730	--	--	51.730	44.400		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5190.0	37.495	37.583	--	--	37.583	37.495		
5230.0	37.480	37.541	--	--	37.541	37.480		

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:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5210.0	79.470	93.330	--	--	93.330	79.470		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5210.0	77.484	77.558	--	--	77.558	77.484		

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).

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Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11n HT-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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	25.070	28.530	--	--	28.530	25.070		
5200.0	26.470	33.270	--	--	33.270	26.470		
5240.0	31.470	31.800	--	--	31.800	31.470		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5180.0	17.977	17.988	--	--	17.988	17.977		
5200.0	18.009	18.000	--	--	18.009	18.000		
5240.0	18.071	18.091	--	--	18.091	18.071		

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-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5190.0	70.400	67.070	--	--	70.400	67.070		
5230.0	72.530	69.600	--	--	72.530	69.600		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5190.0	37.016	36.815	--	--	37.016	36.815		
5230.0	37.099	36.776	--	--	37.099	36.776		

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 (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
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	21.670	21.200	--	--	21.670	21.200		
5300.0	23.200	26.270	--	--	26.270	23.200		
5320.0	23.130	24.530	--	--	24.530	23.130		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	17.069	16.899	--	--	17.069	16.899		
5300.0	17.107	17.006	--	--	17.107	17.006		
5320.0	17.152	17.049	--	--	17.152	17.049		

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:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	
TPC:	Not Applicable	**Tested By:**	SB
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**		
5290.0	132.530	132.530	--	--	132.530	132.530		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5290.0	76.839	76.917	--	--	76.917	76.839		

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:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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	22.800	24.330	--	--	24.330	22.800		
5300.0	24.530	28.800	--	--	28.800	24.530		
5320.0	28.130	27.930	--	--	28.130	27.930		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	18.808	18.828	--	--	18.828	18.808		
5300.0	18.809	18.847	--	--	18.847	18.809		
5320.0	18.835	18.848	--	--	18.848	18.835		

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:	802.11ax-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5270.0	39.870	50.000	--	--	50.000	39.870		
5310.0	44.530	51.870	--	--	51.870	44.530		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5270.0	37.439	37.574	--	--	37.574	37.439		
5310.0	37.555	37.580	--	--	37.580	37.555		

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).

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Equipment Configuration for 26 dB & 99% Occupied Bandwidth			
Variant:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	
TPC:	Not Applicable	**Tested By:**	SB
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**		
5290.0	84.000	89.870	--	--	89.870	84.000		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5290.0	77.553	77.477	--	--	77.553	77.477		

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 (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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	25.530	24.670	--	--	25.530	24.670		
5300.0	27.400	25.800	--	--	27.400	25.800		
5320.0	29.070	29.730	--	--	29.730	29.070		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5260.0	18.006	17.921	--	--	18.006	17.921		
5300.0	18.014	17.944	--	--	18.014	17.944		
5320.0	18.098	17.991	--	--	18.098	17.991		

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-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5270.0	70.530	67.070	--	--	70.530	67.070		
5310.0	71.470	66.800	--	--	71.470	66.800		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5270.0	37.018	36.802	--	--	37.018	36.802		
5310.0	37.230	36.773	--	--	37.230	36.773		

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 (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
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	23.800	27.730	--	--	27.730	23.800		
5580.0	29.200	25.470	--	--	29.200	25.470		
5720.0	21.270	22.070	--	--	22.070	21.270		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	17.130	17.036	--	--	17.130	17.036		
5580.0	17.137	17.037	--	--	17.137	17.037	TDWR BE Verification	
5660.0	16,433	16.433			16,433	16.433	TDWR BE Verification	
5720.0	17.084	16.877	--	--	17.084	16.877		

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:	802.11ac-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5530.0	122.130	130.930	--	--	130.930	122.130		
5610.0	132.530	136.270	--	--	136.270	132.530	Limited to FCC Frequency	
5690.0	129.870	129.330	--	--	129.870	129.330		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5530.0	76.577	76.824	--	--	76.824	76.577		
5610.0	76.802	76.994	--	--	76.994	76.802	Limited to FCC Frequency	
5690.0	76.820	76.789	--	--	76.820	76.789		

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:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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	23.000	30.870	--	--	30.870	23.000		
5580.0	26.600	29.530	--	--	29.530	26.600		
5720.0	25.070	20.670	--	--	25.070	20.670		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	18.820	18.879	--	--	18.879	18.820		
5580.0	18.832	18.848	--	--	18.848	18.832	TDWR BE Verification	
5660.0	18.758	18.758			18.758	18.758	TDWR BE Verification	
5720.0	18.810	18.828	--	--	18.828	18.810		

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:	802.11ax-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5510.0	42.800	52.000	--	--	52.000	42.800		
5550.0	46.530	52.130	--	--	52.130	46.530		
5710.0	44.130	44.400	--	--	44.400	44.130		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5510.0	37.498	37.593	--	--	37.593	37.498		
5550.0	37.545	37.608	--	--	37.608	37.545	TDWR BE Verification	
5670.0	37.675	37.515			37.515	37.675	TDWR BE Verification	
5710.0	37.479	37.551	--	--	37.551	37.479		

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:	802.11ax-80	**Duty Cycle (%):**	96.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
TPC:	Not Applicable	**Tested By:**	SB
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**		
5530.0	79.200	94.400	--	--	94.400	79.200		
5610.0	80.270	124.800	--	--	124.800	80.270		
5690.0	88.000	84.800	--	--	88.000	84.800		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5530.0	77.374	77.481	--	--	77.481	77.374		
5610.0	77.447	77.600	--	--	77.600	77.447	Limited to FCC Frequency	
5690.0	77.428	77.494	--	--	77.494	77.428		

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 (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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	25.330	25.800	--	--	25.800	25.330		
5580.0	28.200	28.470	--	--	28.470	28.200		
5720.0	24.870	24.270	--	--	24.870	24.270		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5500.0	17.973	17.937	--	--	17.973	17.937		
5580.0	18.025	17.985	--	--	18.025	17.985	TDWR BE Verification	
5660.0	17.635	17.635			17.635	17.635	TDWR BE Verification	
5720.0	17.968	17.870	--	--	17.968	17.870		

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-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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**		
5510.0	66.930	66.930	--	--	66.930	66.930		
5550.0	69.470	64.930	--	--	69.470	64.930		
5710.0	68.400	49.600	--	--	68.400	49.600		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5510.0	36.995	36.776	--	--	36.995	36.776		
5550.0	37.068	36.740	--	--	37.068	36.740	TDWR BE Verification	
5670.0	36.072	36.232			36.072	36.232	TDWR BE Verification	
5710.0	36.929	36.690	--	--	36.929	36.690		

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).

1.3. 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.

MiCOM Labs, 575 Boulder Court, Pleasanton, California 94566 USA, Phone: +1 (925) 462 0304, Fax: +1 (925) 462 0306, www.micomlabs.com

Equipment Configuration for 6 dB & 99% Bandwidth			
Variant:	802.11a	**Duty Cycle (%):**	99.0
Data Rate:	6.00 MBit/s	**Antenna Gain (dBi):**	4.30
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	16.400	16.400	--	--	16.400	16.400		
5785.0	16.400	16.470	--	--	16.470	16.400		
5825.0	16.400	16.470	--	--	16.470	16.400		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	17.137	16.958	--	--	17.137	16.958		
5785.0	17.079	16.950	--	--	17.079	16.950		
5825.0	17.080	16.998	--	--	17.080	16.998		

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:	802.11ac-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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**		
5775.0	76.530	76.000	--	--	76.530	76.000		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5775.0	76.864	76.619	--	--	76.864	76.619		

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:	802.11ax-20	**Duty Cycle (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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	18.330	18.400	--	--	18.400	18.330		
5785.0	18.200	18.400	--	--	18.400	18.200		
5825.0	18.200	18.470	--	--	18.470	18.200		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	18.756	18.808	--	--	18.808	18.756		
5785.0	18.741	18.775	--	--	18.775	18.741		
5825.0	18.746	18.796	--	--	18.796	18.746		

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:	802.11ax-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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**		
5755.0	37.070	36.130	--	--	37.070	36.130		
5795.0	36.930	36.930	--	--	36.930	36.930		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5755.0	37.450	37.578	--	--	37.578	37.450		
5795.0	37.446	37.504	--	--	37.504	37.446		

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:	802.11ax-80	**Duty Cycle (%):**	99.0
Data Rate:	29.30 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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**		
5775.0	77.600	77.600	--	--	77.600	77.600		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5775.0	77.394	77.472	--	--	77.472	77.394		

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 (%):**	99.0
Data Rate:	6.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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	17.530	17.530	--	--	17.530	17.530		
5785.0	17.530	17.530	--	--	17.530	17.530		
5825.0	17.530	17.600	--	--	17.600	17.530		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5745.0	18.027	17.947	--	--	18.027	17.947		
5785.0	17.974	17.939	--	--	17.974	17.939		
5825.0	18.002	17.943	--	--	18.002	17.943		

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-40	**Duty Cycle (%):**	99.0
Data Rate:	13.50 MBit/s	**Antenna Gain (dBi):**	4.30
Modulation:	OFDM	**Beam Forming Gain (Y)(dB):**	3.00
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**		
5755.0	35.870	35.870	--	--	35.870	35.870		
5795.0	35.870	35.870	--	--	35.870	35.870		

Test Frequency	Measured 99% Bandwidth (MHz) Port(s)				99% Bandwidth (MHz)			
MHz	**a**	**b**	**c**	**d**	**Highest**	**Lowest**		
5755.0	36.965	36.728	--	--	36.965	36.728		
5795.0	36.817	36.621	--	--	36.817	36.621		

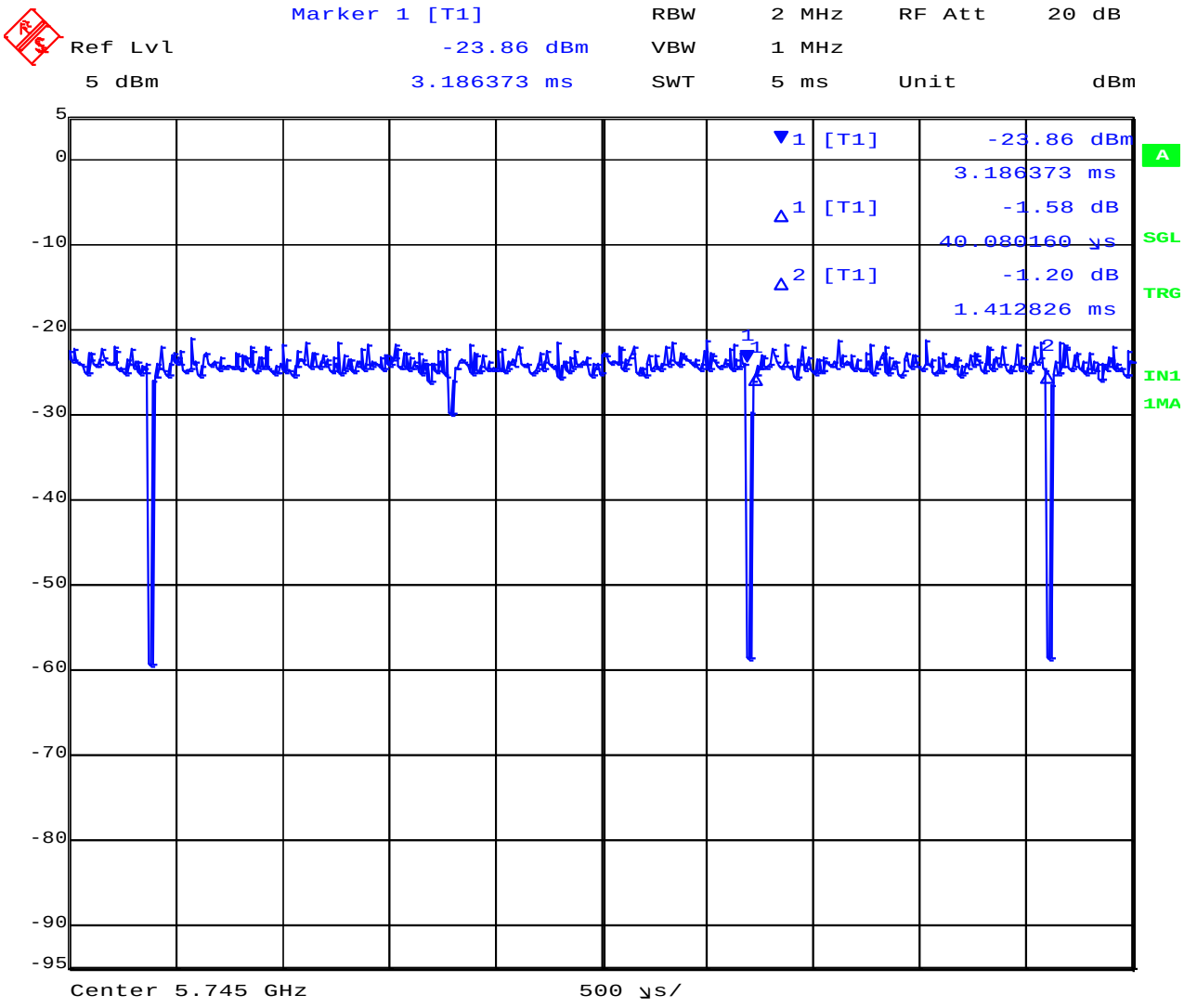
Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-03 MEASURING RF SPECTRUM MASK
Measurement Uncertainty:	±2.81 dB

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

A. APPENDIX - GRAPHICAL IMAGES

A.1. Duty Cycle

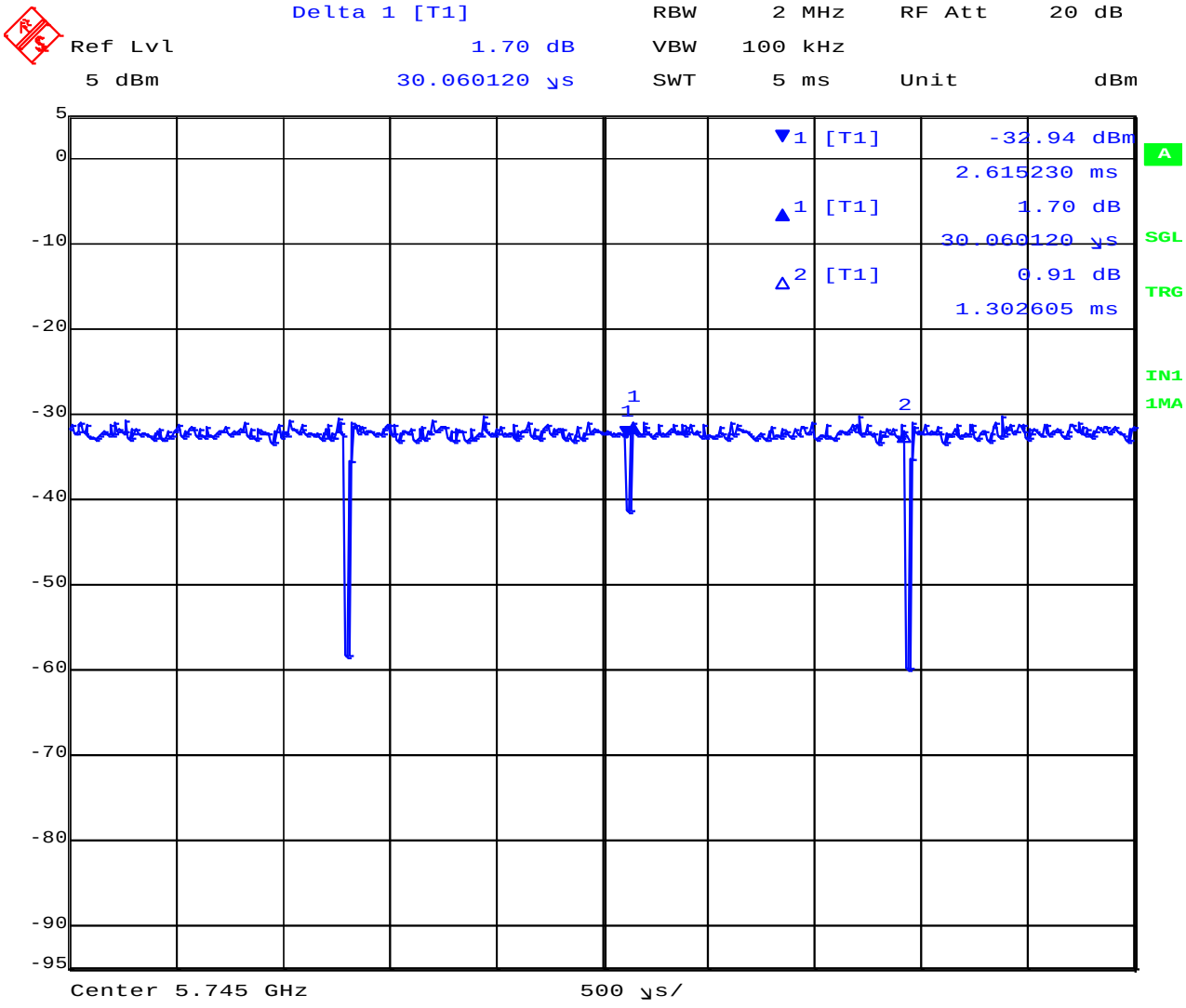
802.11a Duty Cycle = 97.25%



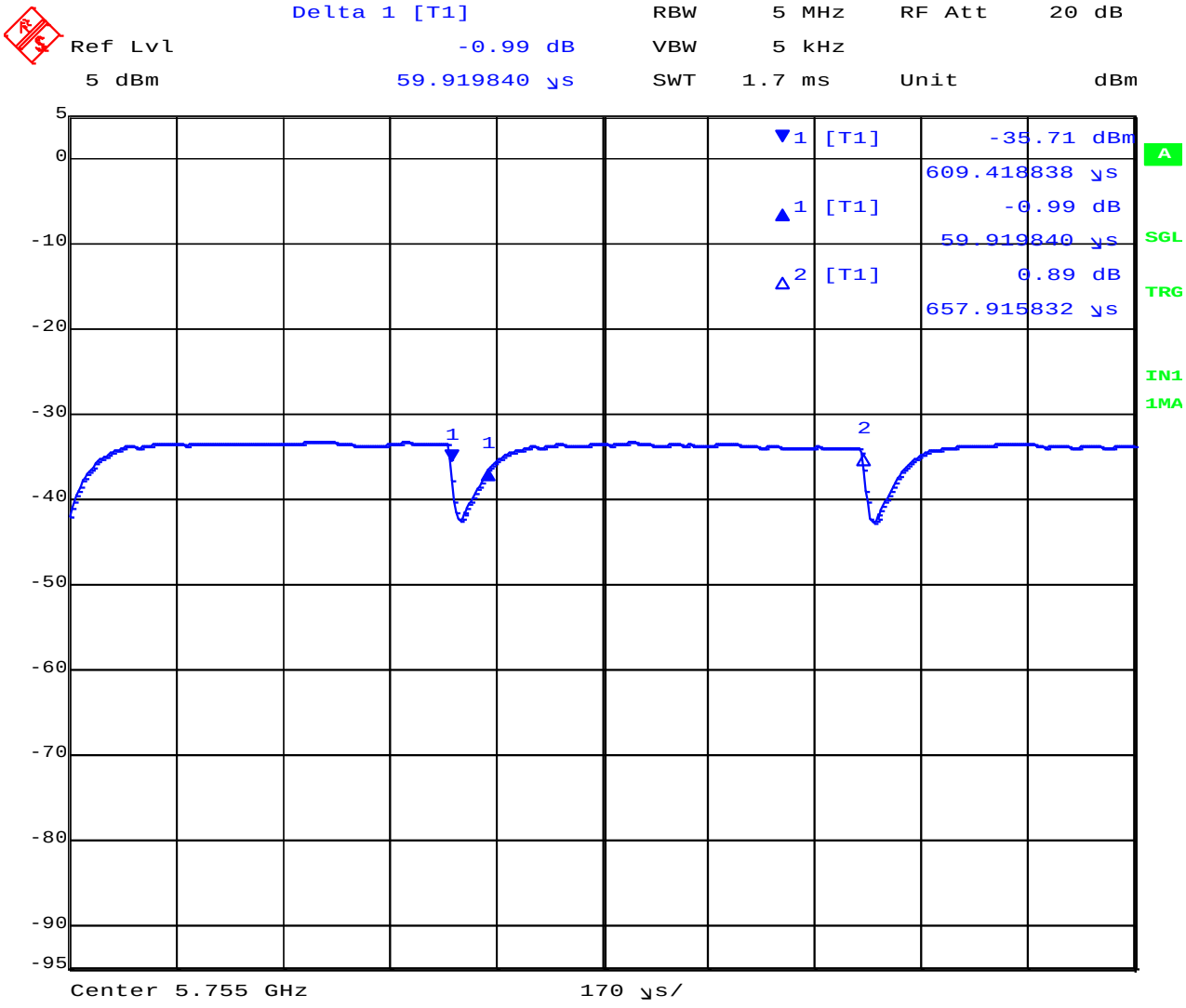
Date: 15.JUN.2021 09:03:00

Back to Matrix

802.11n HT-20 Duty Cycle = 97.75%

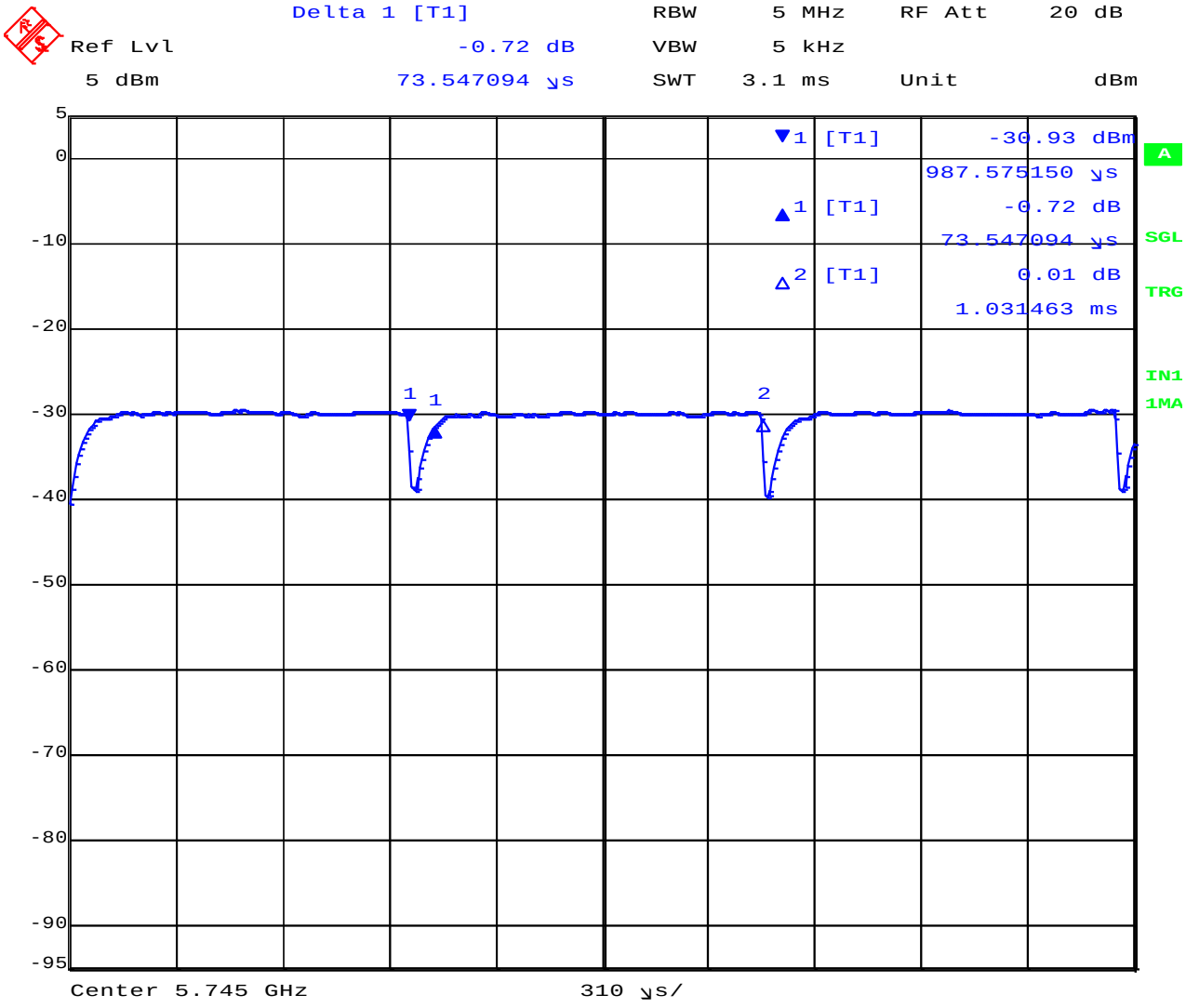


802.11n HT-40 Duty Cycle = 91.75%



Date: 15.JUN.2021 09:12:15

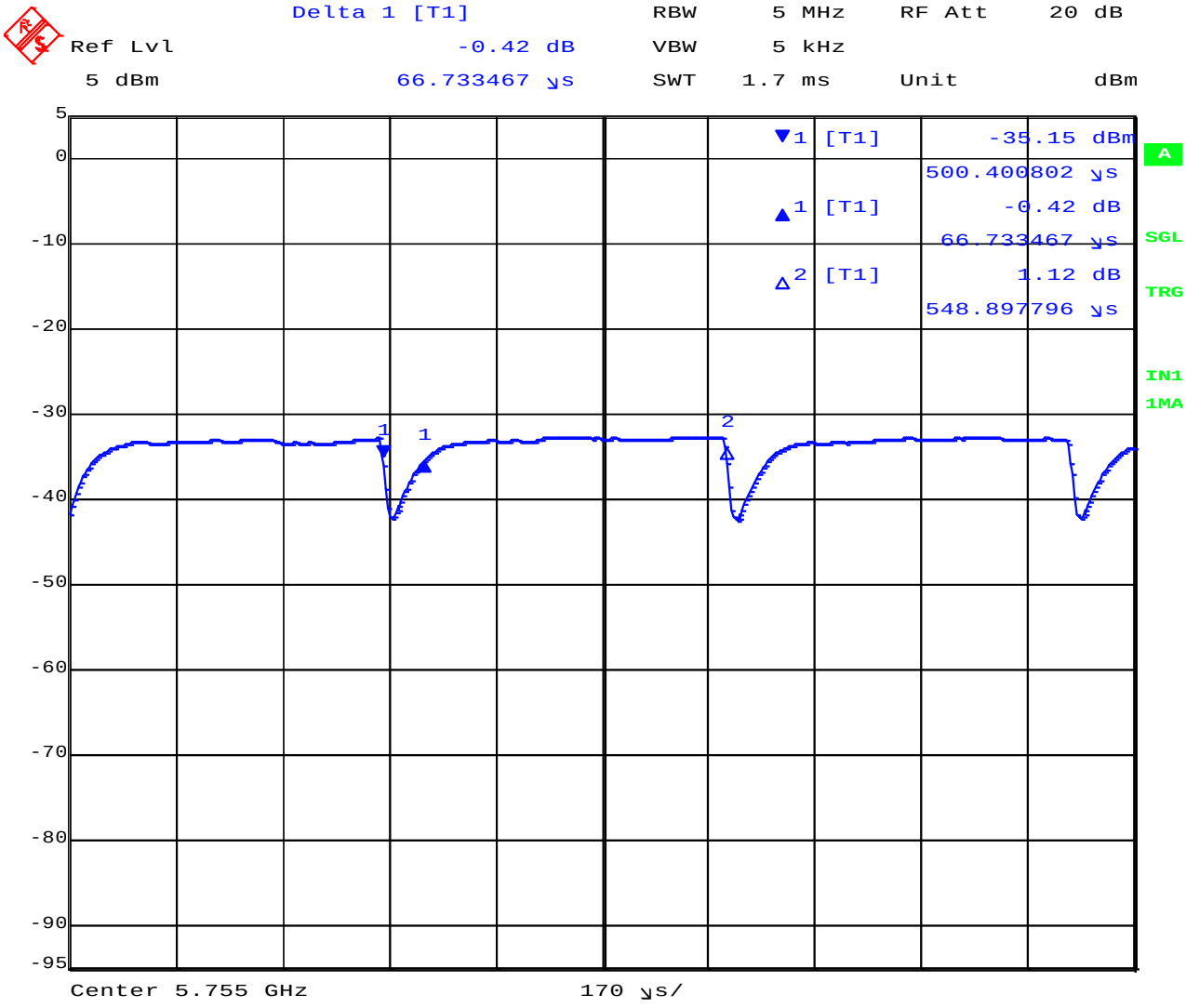
802.11ax-20 Duty Cycle = 93.35%



Date: 15.JUN.2021 09:09:11

Back to Matrix

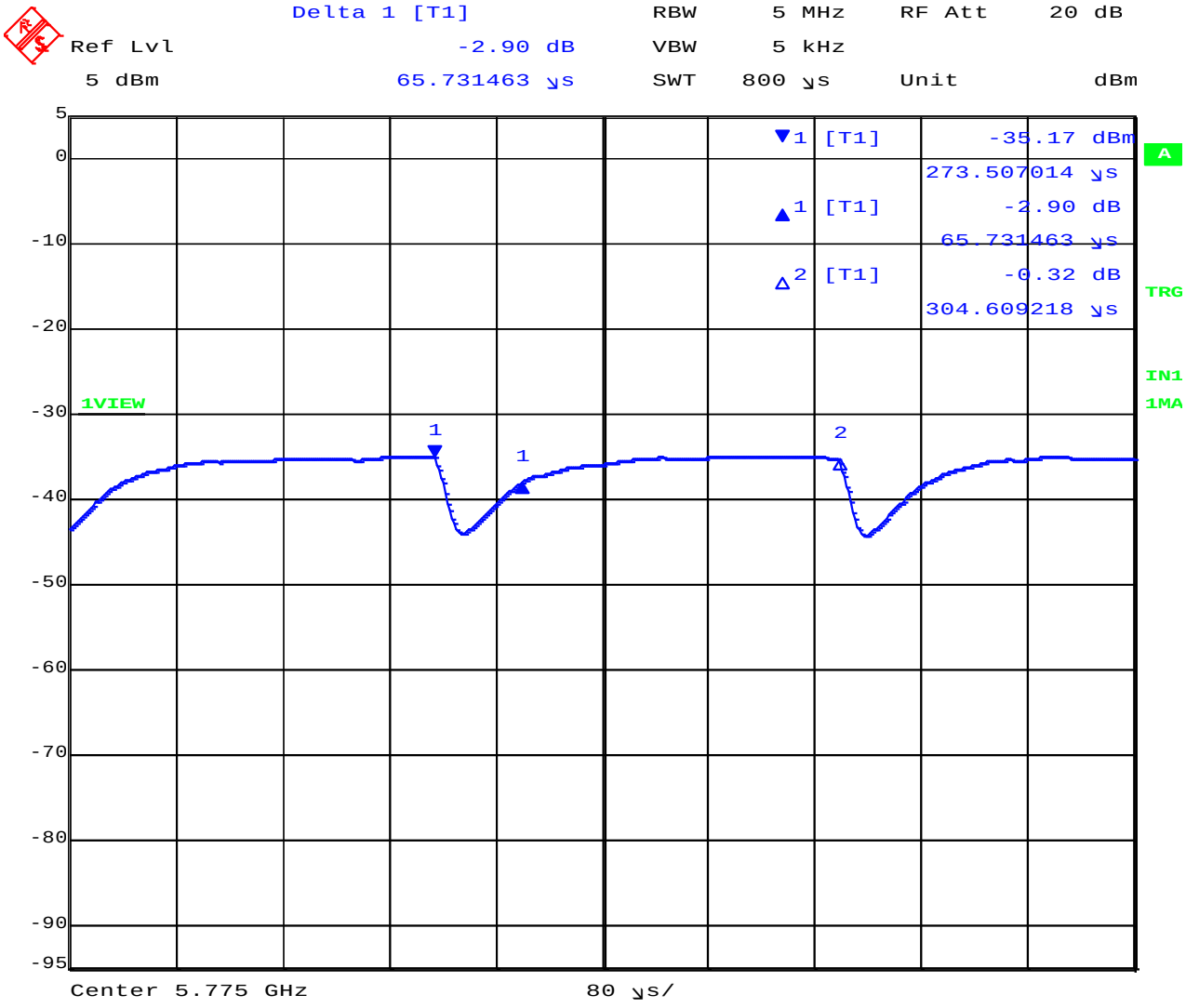
802.11ax-40 Duty Cycle = 89.27%



Date: 15.JUN.2021 09:13:39

Back to Matrix

802.11ax-80 Duty Cycle = 82.28%



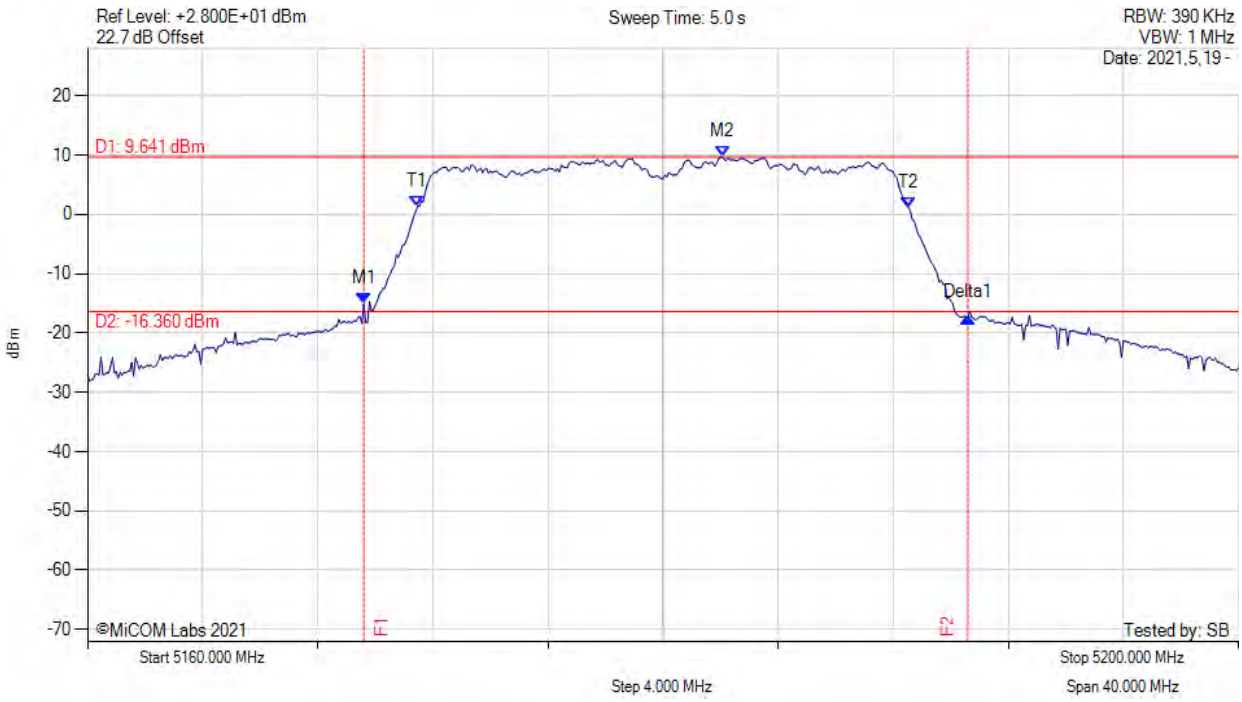
Date: 15.JUN.2021 09:15:22

Back to Matrix

A.2. 26 dB & 99% Bandwidth

26 dB & 99% BANDWIDTH

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

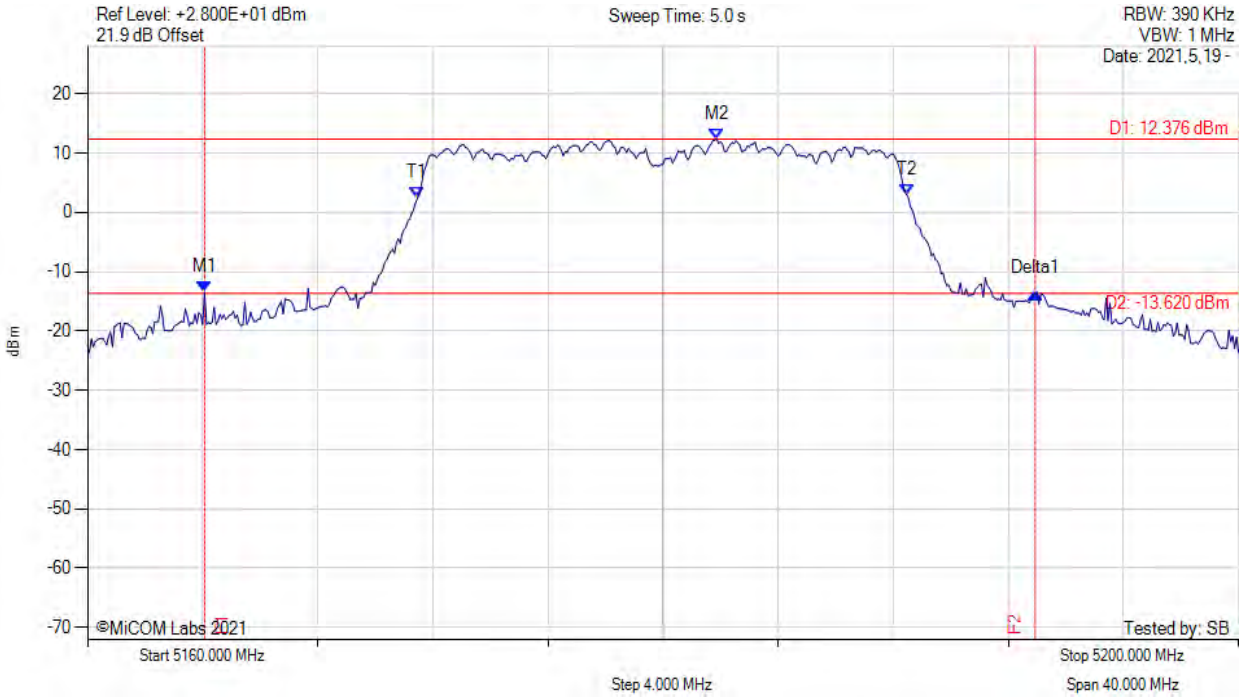


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5169.600 MHz : -15.095 dBm M2 : 5182.070 MHz : 9.641 dBm Delta1 : 21.000 MHz : -2.215 dB T1 : 5171.467 MHz : 1.333 dBm T2 : 5188.533 MHz : 1.186 dBm OBW : 17.070 MHz	Measured 26 dB Bandwidth: 21.000 MHz Measured 99% Bandwidth: 17.070 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

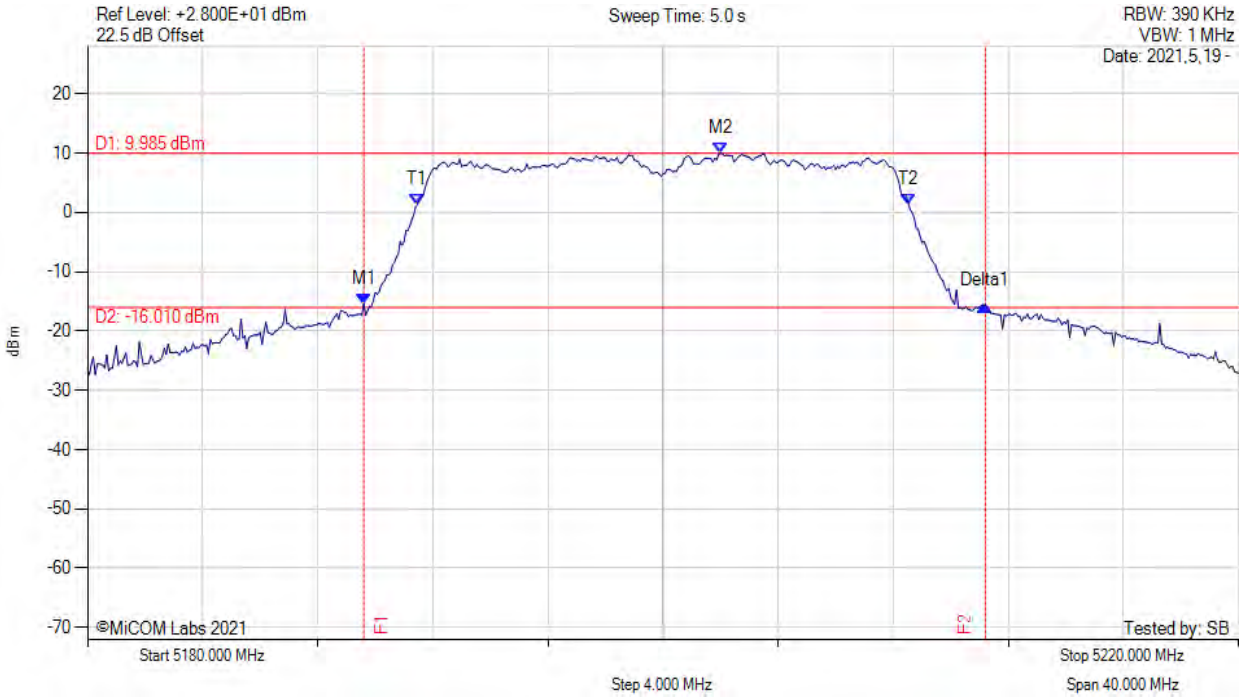


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5164.070 MHz : -13.477 dBm M2 : 5181.870 MHz : 12.376 dBm Delta1 : 28.870 MHz : -0.146 dB T1 : 5171.467 MHz : 2.423 dBm T2 : 5188.467 MHz : 3.031 dBm OBW : 16.973 MHz	Measured 26 dB Bandwidth: 28.870 MHz Measured 99% Bandwidth: 16.973 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

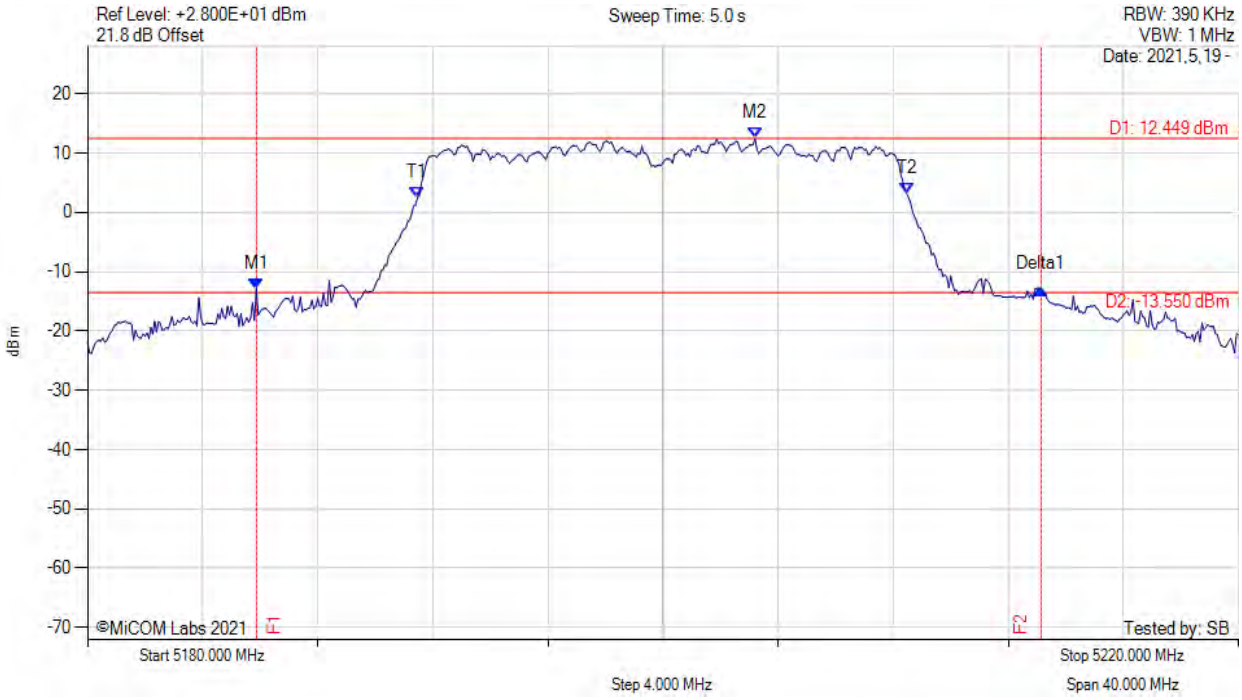


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5189.600 MHz : -15.409 dBm M2 : 5202.000 MHz : 9.985 dBm Delta1 : 21.600 MHz : -0.242 dB T1 : 5191.467 MHz : 1.376 dBm T2 : 5208.533 MHz : 1.348 dBm OBW : 17.078 MHz	Measured 26 dB Bandwidth: 21.600 MHz Measured 99% Bandwidth: 17.078 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

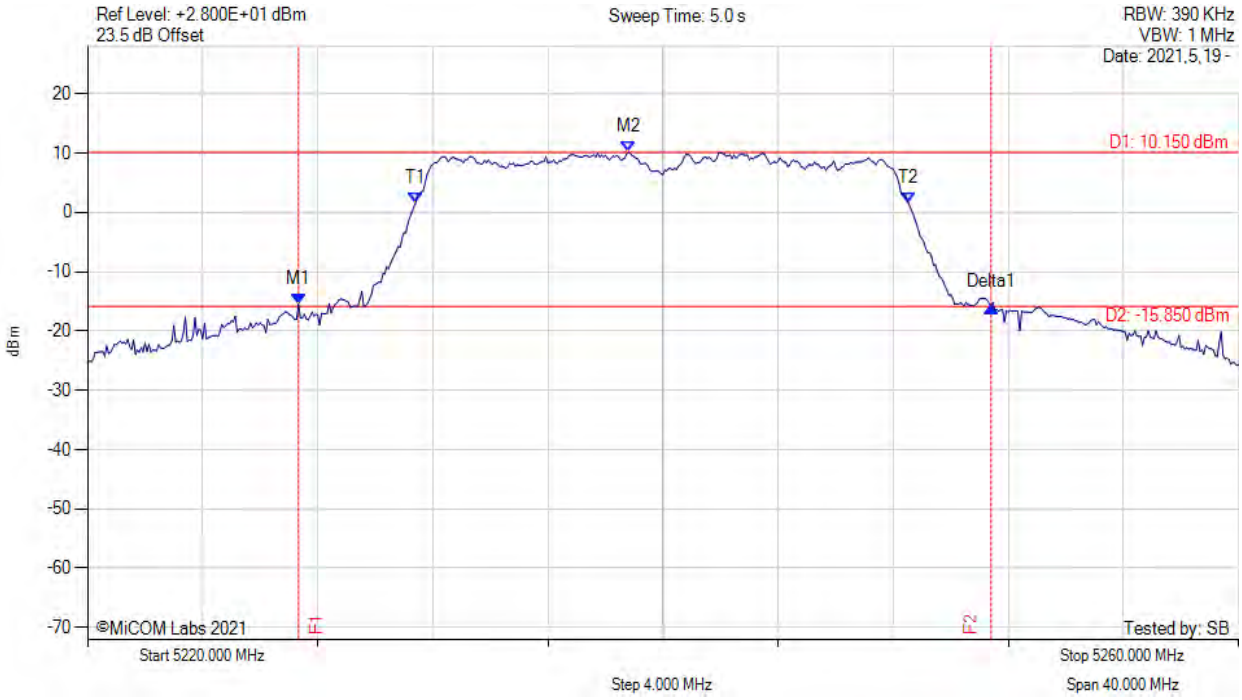


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5185.870 MHz : -12.874 dBm M2 : 5203.200 MHz : 12.449 dBm Delta1 : 27.270 MHz : -0.131 dB T1 : 5191.467 MHz : 2.412 dBm T2 : 5208.467 MHz : 3.243 dBm OBW : 17.021 MHz	Measured 26 dB Bandwidth: 27.270 MHz Measured 99% Bandwidth: 17.021 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

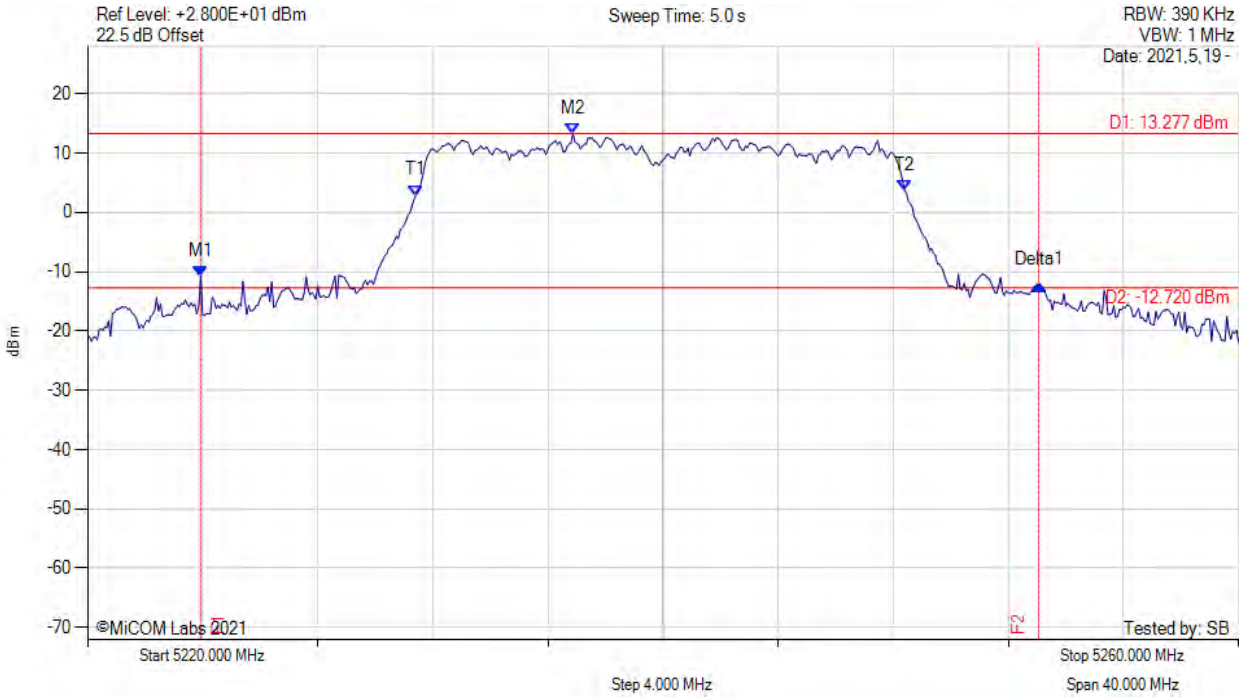


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5227.330 MHz : -15.548 dBm M2 : 5238.800 MHz : 10.150 dBm Delta1 : 24.070 MHz : -0.325 dB T1 : 5231.400 MHz : 1.472 dBm T2 : 5248.533 MHz : 1.493 dBm OBW : 17.149 MHz	Measured 26 dB Bandwidth: 24.070 MHz Measured 99% Bandwidth: 17.149 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

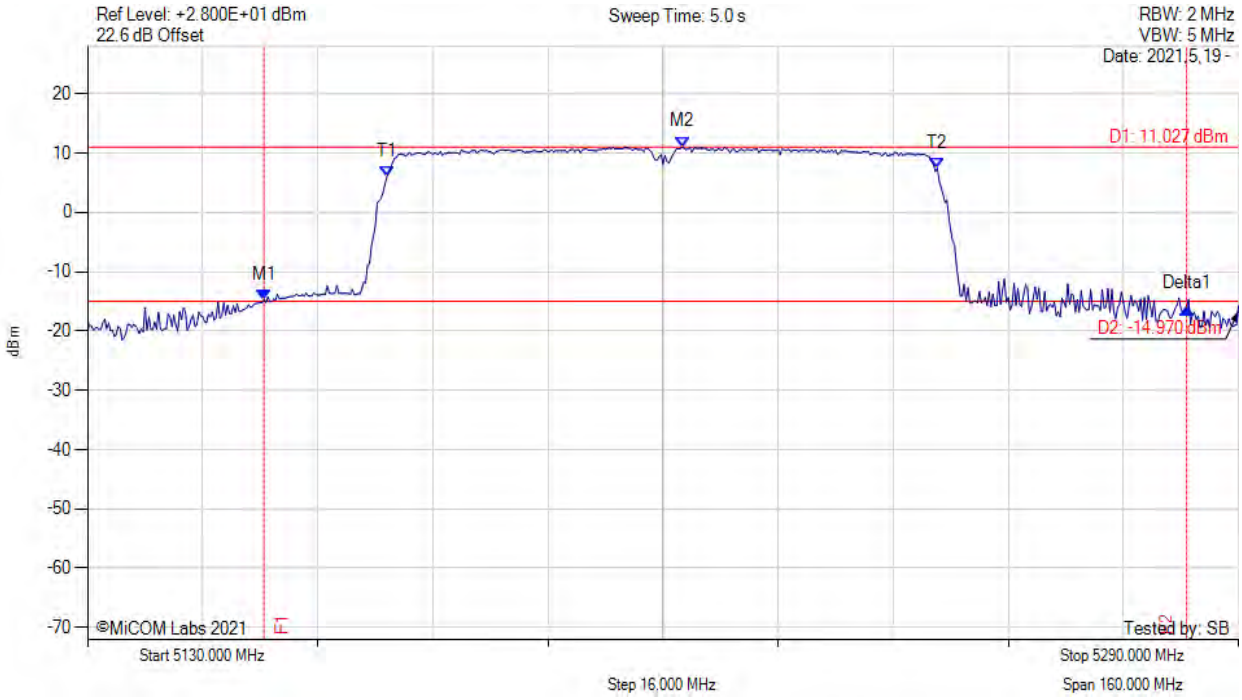


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5223.930 MHz : -10.737 dBm M2 : 5236.870 MHz : 13.277 dBm Delta1 : 29.130 MHz : -1.503 dB T1 : 5231.400 MHz : 2.848 dBm T2 : 5248.400 MHz : 3.613 dBm OBW : 17.095 MHz	Measured 26 dB Bandwidth: 29.130 MHz Measured 99% Bandwidth: 17.095 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

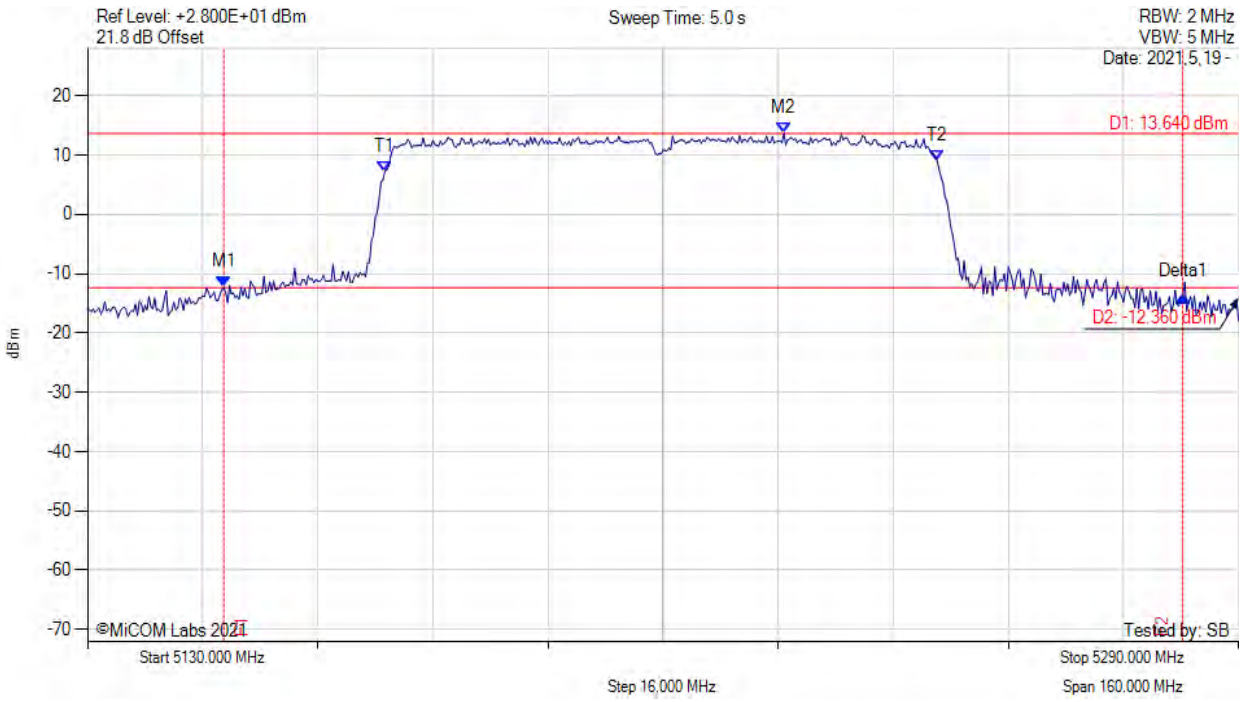


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5154.530 MHz : -14.782 dBm M2 : 5212.670 MHz : 11.027 dBm Delta1 : 128.270 MHz : -1.340 dB T1 : 5171.600 MHz : 5.962 dBm T2 : 5248.133 MHz : 7.437 dBm OBW : 76.828 MHz	Measured 26 dB Bandwidth: 128.270 MHz Measured 99% Bandwidth: 76.828 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

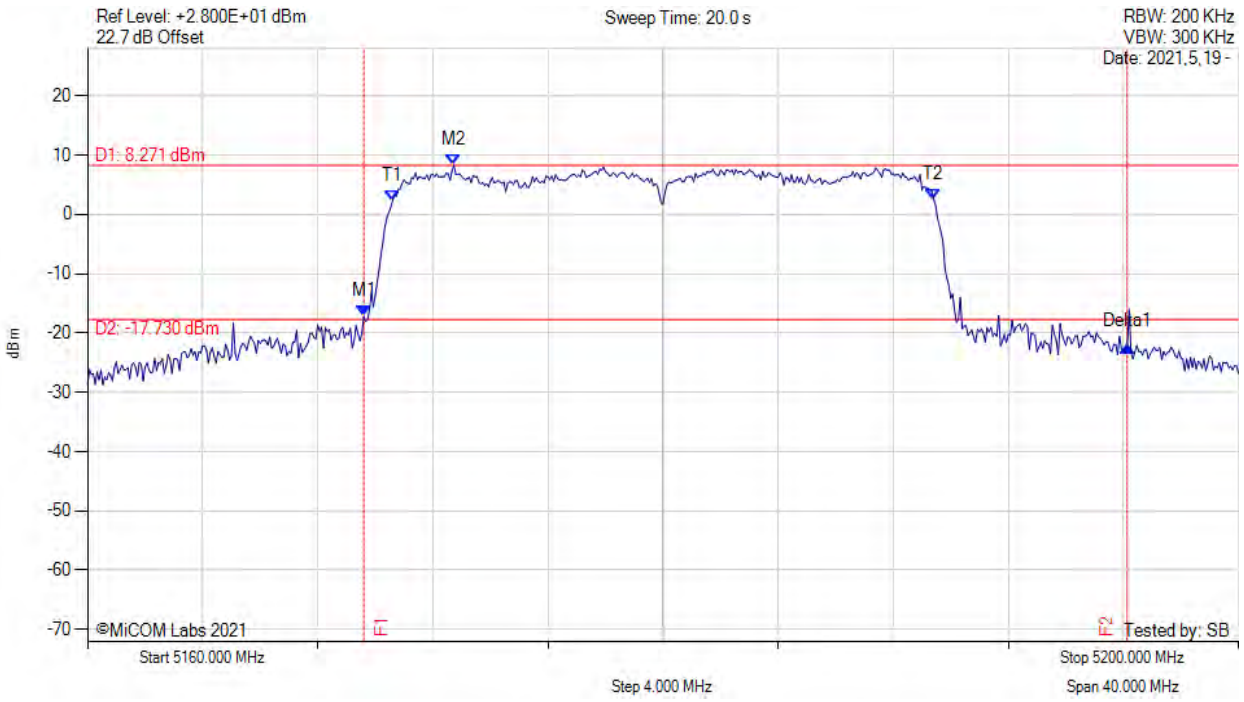


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5148.930 MHz : -12.287 dBm M2 : 5226.800 MHz : 13.640 dBm Delta1 : 133.330 MHz : -1.478 dB T1 : 5171.333 MHz : 7.246 dBm T2 : 5248.133 MHz : 8.965 dBm OBW : 76.907 MHz	Measured 26 dB Bandwidth: 133.330 MHz Measured 99% Bandwidth: 76.907 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

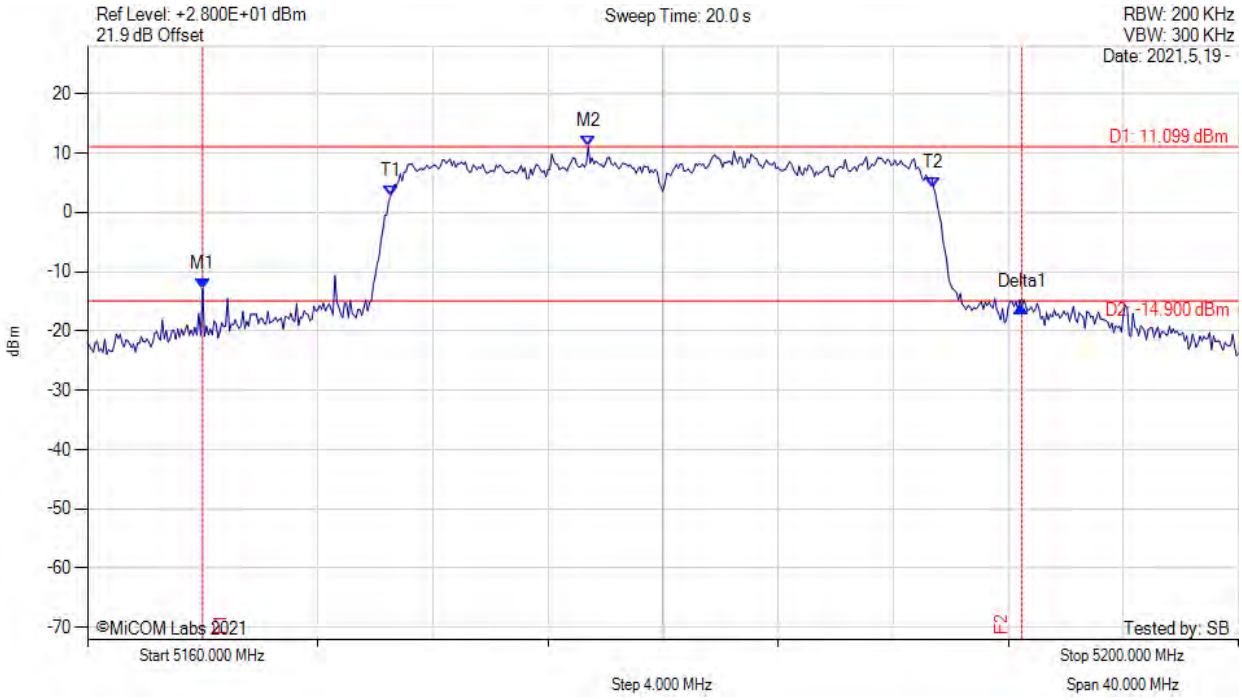


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5169.600 MHz : -17.222 dBm M2 : 5172.730 MHz : 8.271 dBm Delta1 : 26.530 MHz : -4.967 dB T1 : 5170.600 MHz : 2.265 dBm T2 : 5189.400 MHz : 2.575 dBm OBW : 18.797 MHz	Measured 26 dB Bandwidth: 26.530 MHz Measured 99% Bandwidth: 18.797 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

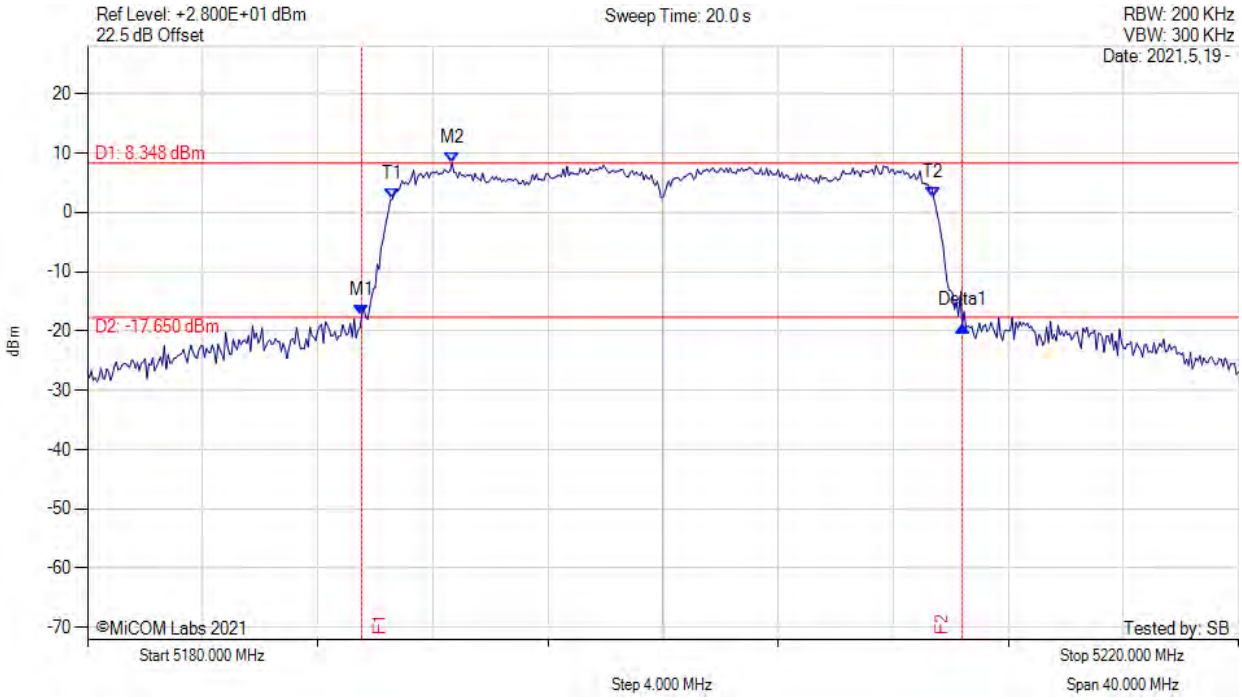


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5164.000 MHz : -12.883 dBm M2 : 5177.400 MHz : 11.099 dBm Delta1 : 28.470 MHz : -3.040 dB T1 : 5170.533 MHz : 2.687 dBm T2 : 5189.400 MHz : 4.189 dBm OBW : 18.841 MHz	Measured 26 dB Bandwidth: 28.470 MHz Measured 99% Bandwidth: 18.841 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

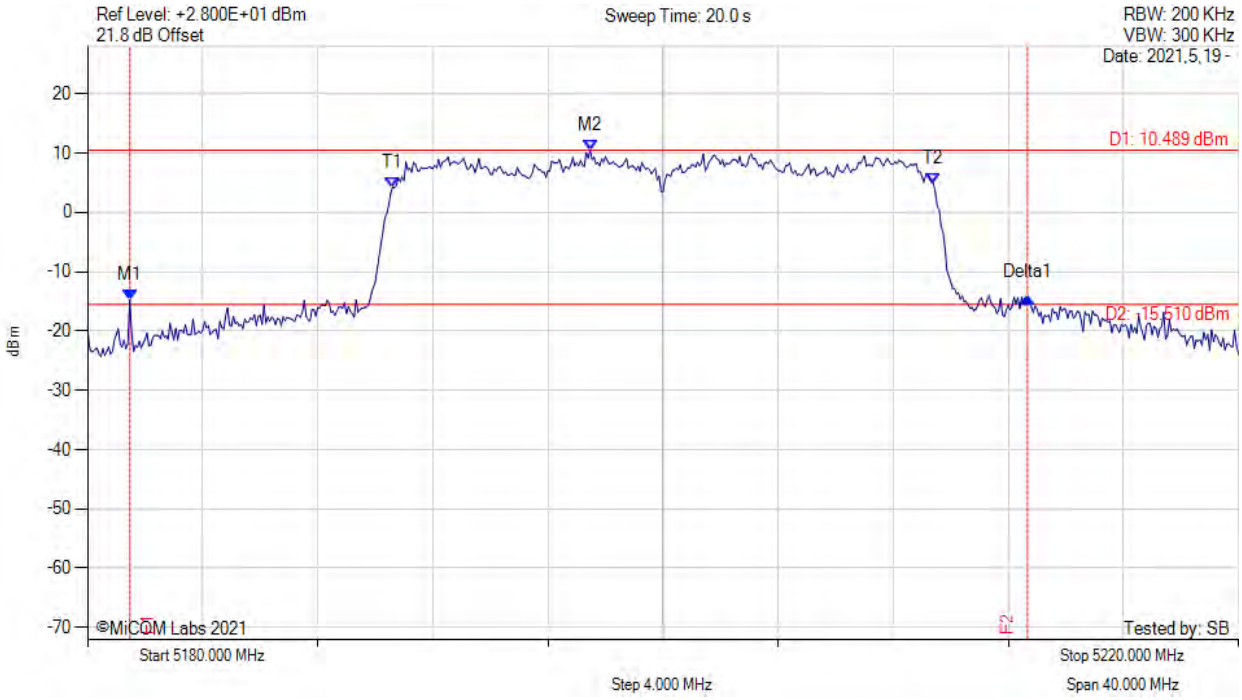


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5189.530 MHz : -17.282 dBm M2 : 5192.670 MHz : 8.348 dBm Delta1 : 20.870 MHz : -1.848 dB T1 : 5190.600 MHz : 2.264 dBm T2 : 5209.400 MHz : 2.597 dBm OBW : 18.796 MHz	Measured 26 dB Bandwidth: 20.870 MHz Measured 99% Bandwidth: 18.796 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

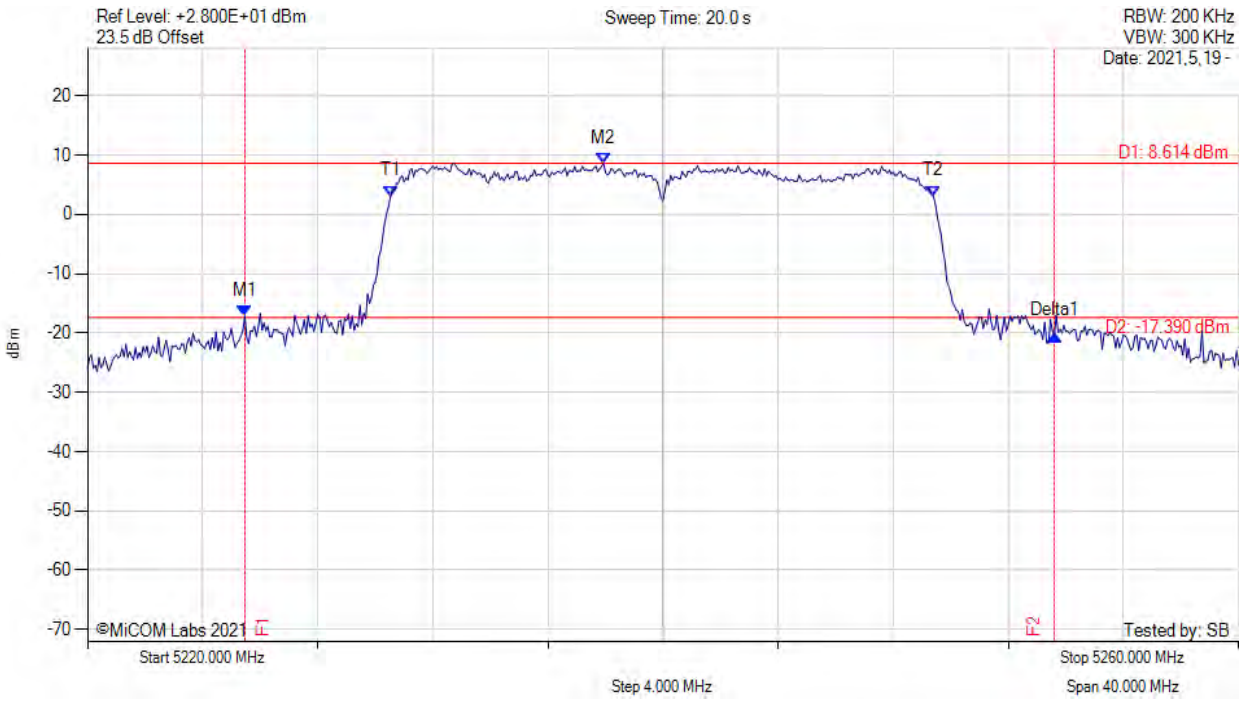


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5181.470 MHz : -14.720 dBm M2 : 5197.470 MHz : 10.489 dBm Delta1 : 31.200 MHz : 0.449 dB T1 : 5190.600 MHz : 4.179 dBm T2 : 5209.400 MHz : 4.916 dBm OBW : 18.842 MHz	Measured 26 dB Bandwidth: 31.200 MHz Measured 99% Bandwidth: 18.842 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

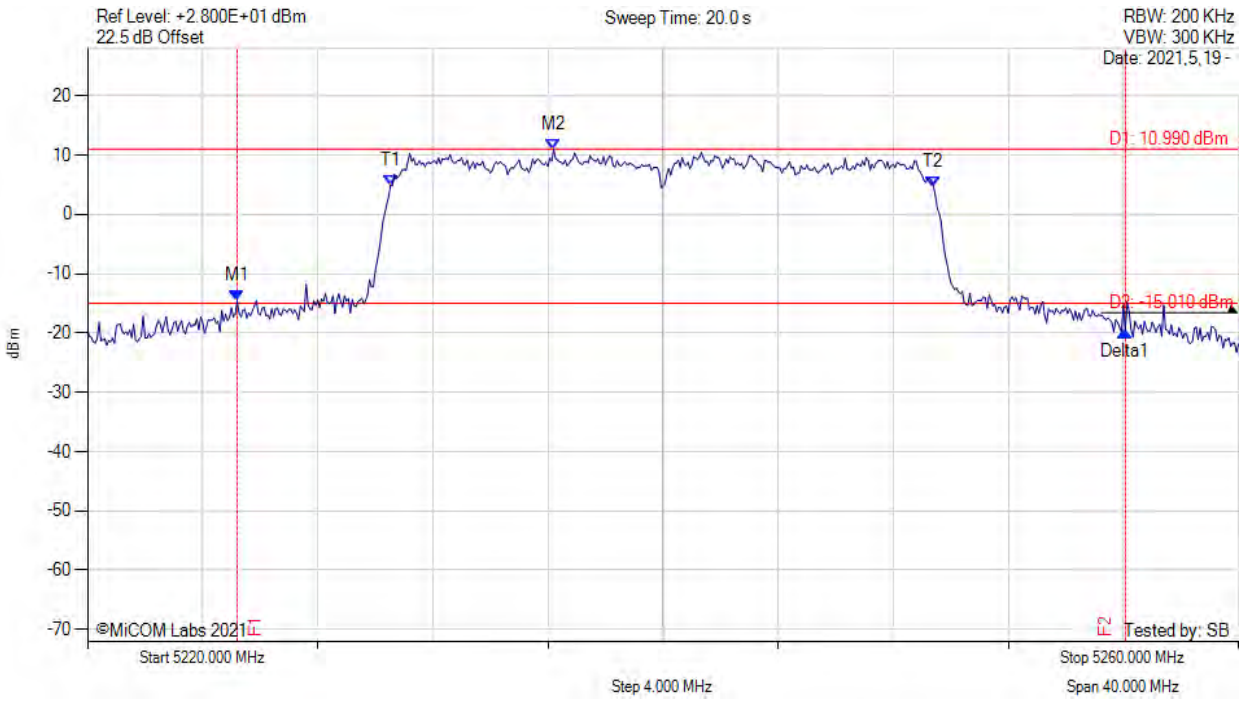


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5225.470 MHz : -17.083 dBm M2 : 5237.930 MHz : 8.614 dBm Delta1 : 28.130 MHz : -3.282 dB T1 : 5230.533 MHz : 3.072 dBm T2 : 5249.400 MHz : 3.069 dBm OBW : 18.829 MHz	Measured 26 dB Bandwidth: 28.130 MHz Measured 99% Bandwidth: 18.829 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

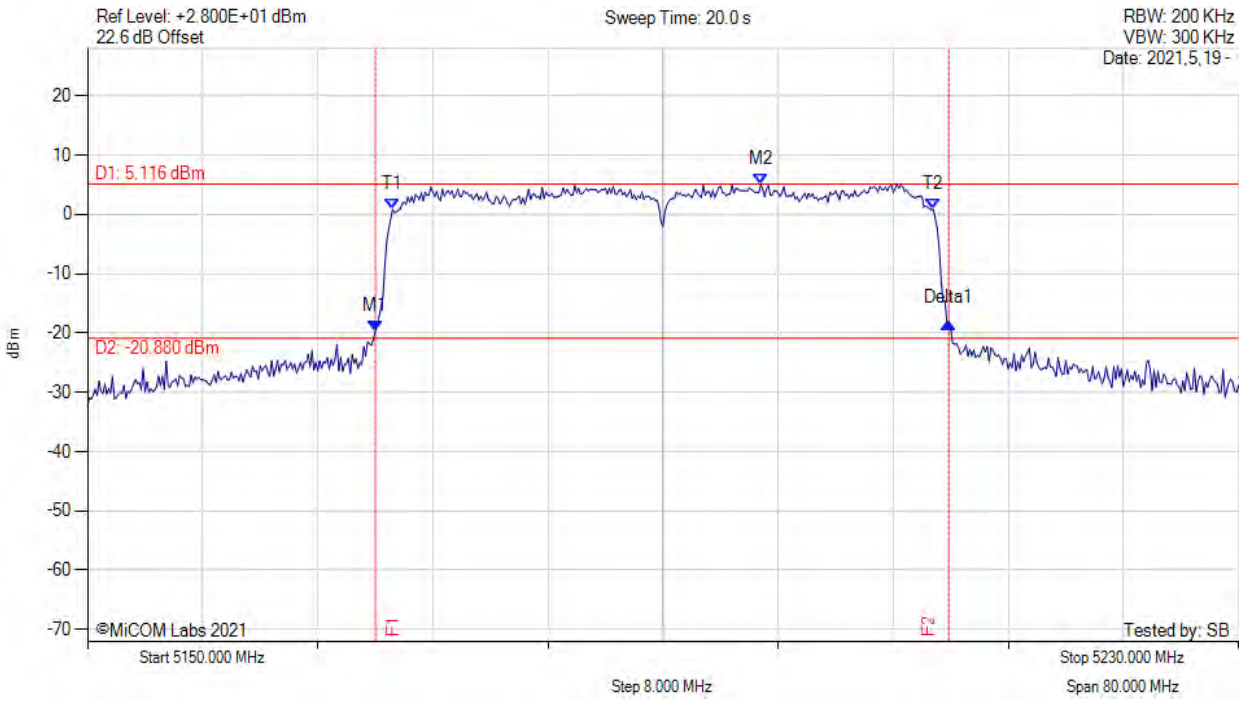


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5225.200 MHz : -14.568 dBm M2 : 5236.200 MHz : 10.990 dBm Delta1 : 30.870 MHz : -5.096 dB T1 : 5230.533 MHz : 4.931 dBm T2 : 5249.400 MHz : 4.671 dBm OBW : 18.873 MHz	Measured 26 dB Bandwidth: 30.870 MHz Measured 99% Bandwidth: 18.873 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5190.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

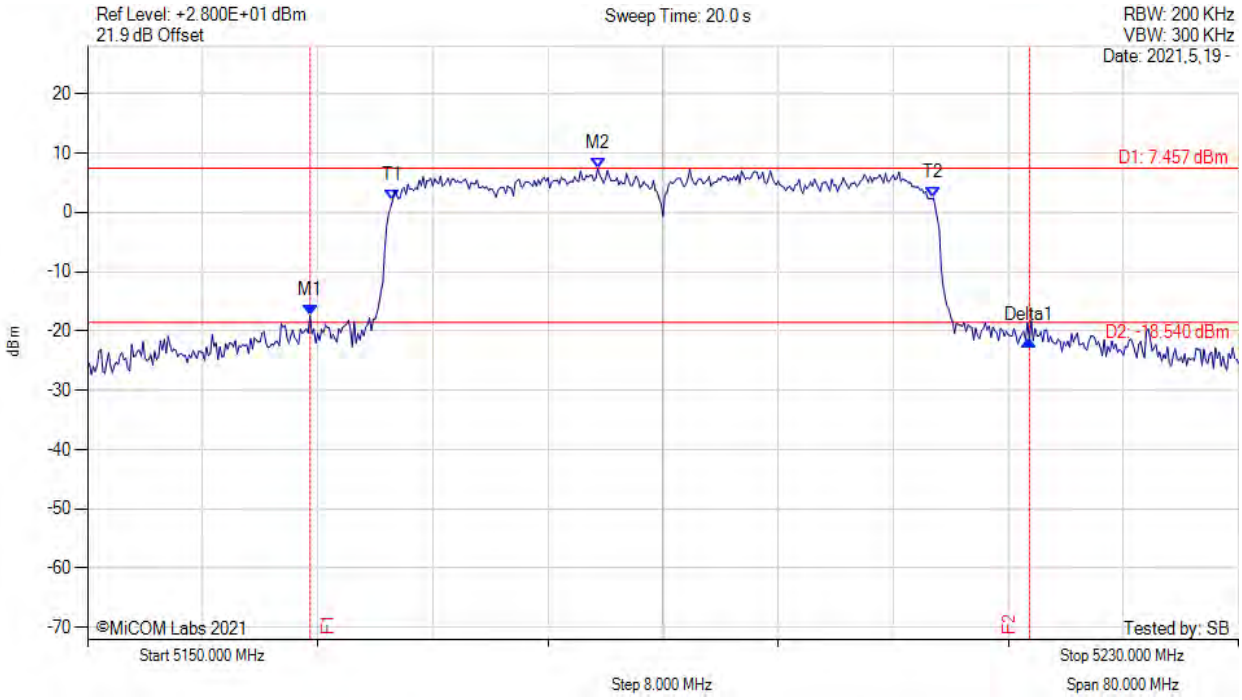


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5170.000 MHz : -19.723 dBm M2 : 5196.800 MHz : 5.116 dBm Delta1 : 39.870 MHz : 1.520 dB T1 : 5171.200 MHz : 0.826 dBm T2 : 5208.800 MHz : 0.774 dBm OBW : 37.495 MHz	Measured 26 dB Bandwidth: 39.870 MHz Measured 99% Bandwidth: 37.495 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5190.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

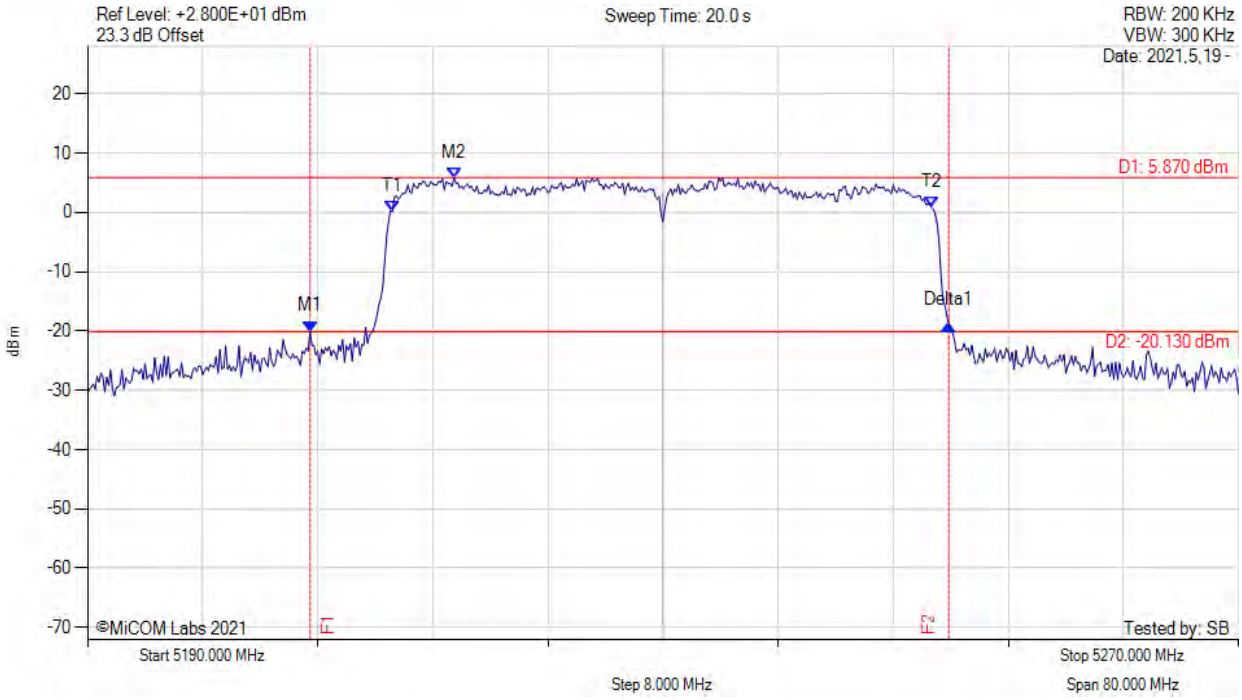


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5165.470 MHz : -17.446 dBm M2 : 5185.470 MHz : 7.457 dBm Delta1 : 50.000 MHz : -4.063 dB T1 : 5171.200 MHz : 1.984 dBm T2 : 5208.800 MHz : 2.424 dBm OBW : 37.583 MHz	Measured 26 dB Bandwidth: 50.000 MHz Measured 99% Bandwidth: 37.583 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5230.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

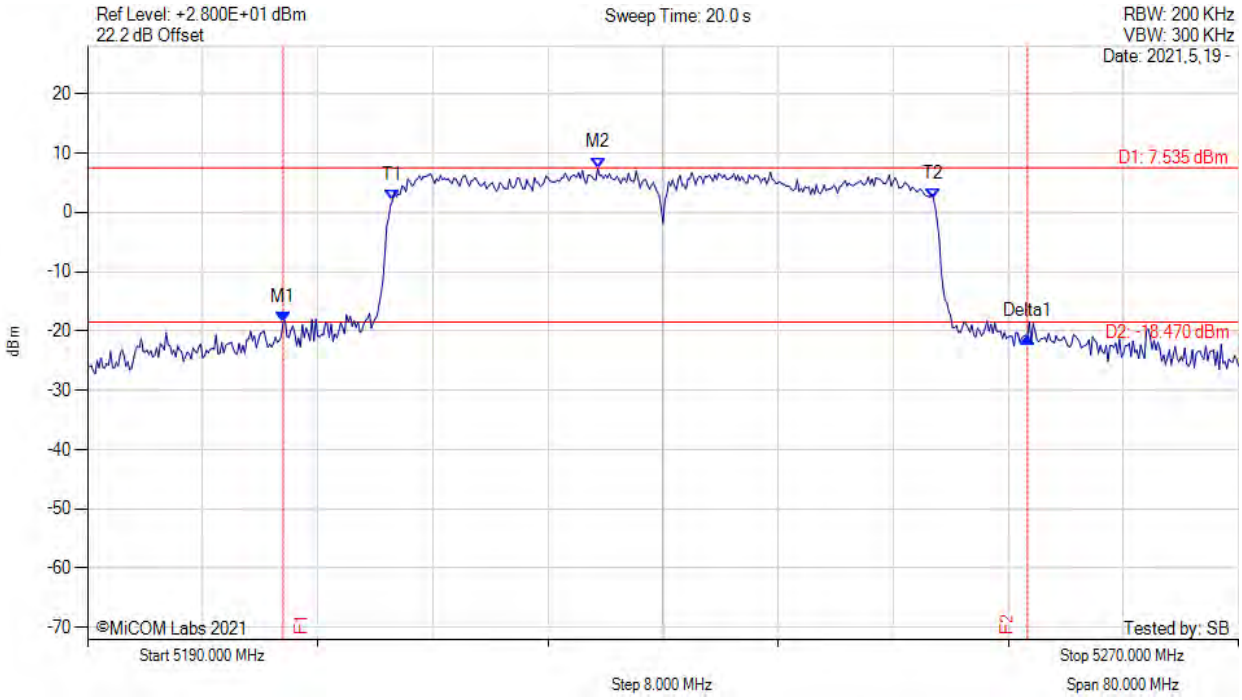


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5205.470 MHz : -20.048 dBm M2 : 5215.470 MHz : 5.870 dBm Delta1 : 44.400 MHz : 1.016 dB T1 : 5211.200 MHz : 0.161 dBm T2 : 5248.667 MHz : 0.815 dBm OBW : 37.480 MHz	Measured 26 dB Bandwidth: 44.400 MHz Measured 99% Bandwidth: 37.480 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5230.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

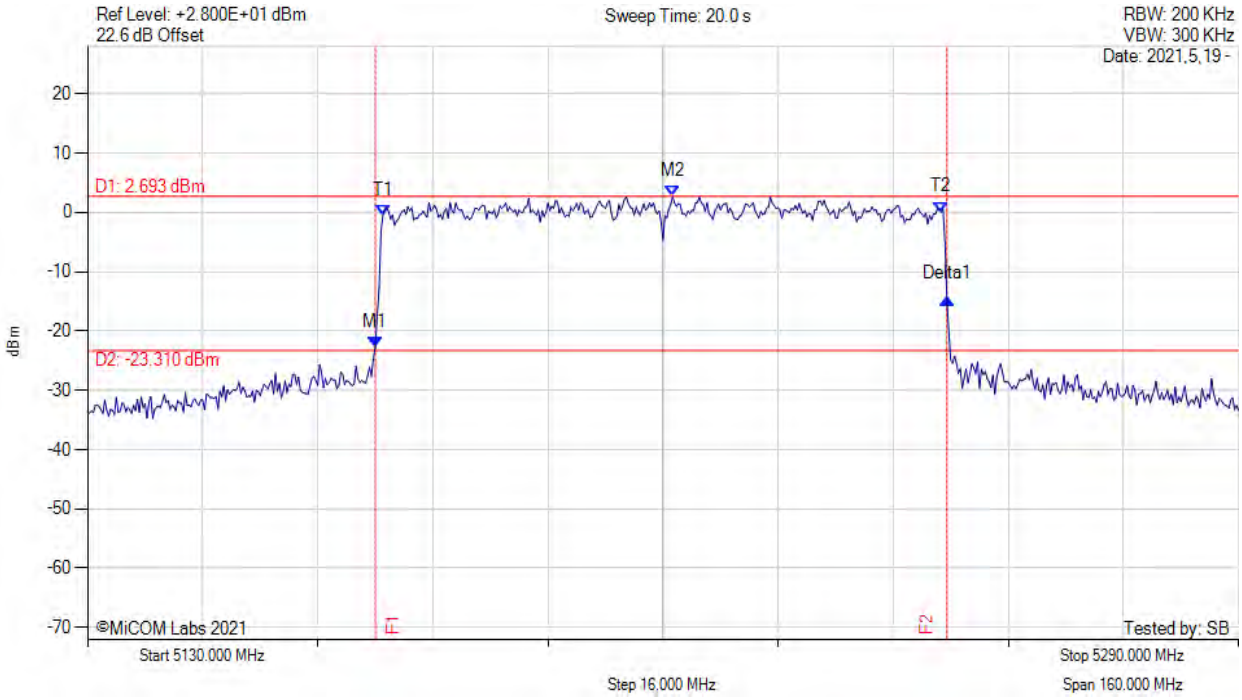


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5203.600 MHz : -18.460 dBm M2 : 5225.470 MHz : 7.535 dBm Delta1 : 51.730 MHz : -2.540 dB T1 : 5211.200 MHz : 1.987 dBm T2 : 5248.800 MHz : 2.264 dBm OBW : 37.541 MHz	Measured 26 dB Bandwidth: 51.730 MHz Measured 99% Bandwidth: 37.541 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5210.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

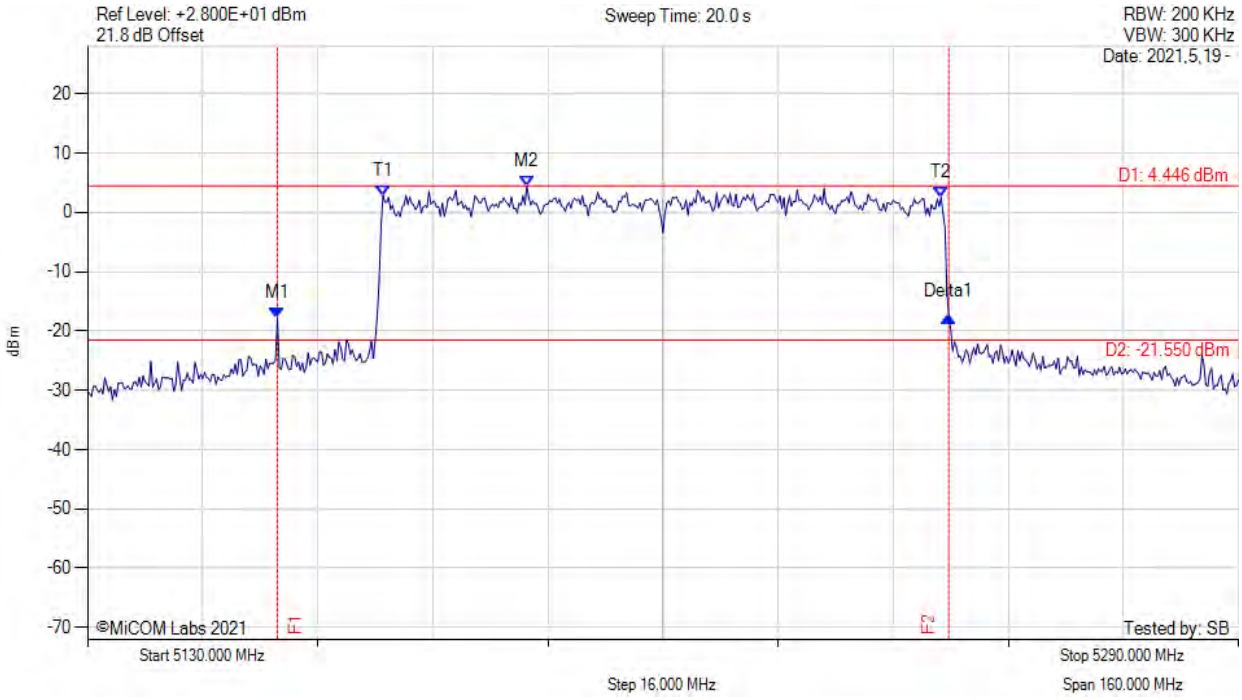


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5170.000 MHz : -22.752 dBm M2 : 5211.330 MHz : 2.693 dBm Delta1 : 79.470 MHz : 8.202 dB T1 : 5171.067 MHz : -0.441 dBm T2 : 5248.667 MHz : 0.032 dBm OBW : 77.484 MHz	Measured 26 dB Bandwidth: 79.470 MHz Measured 99% Bandwidth: 77.484 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5210.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

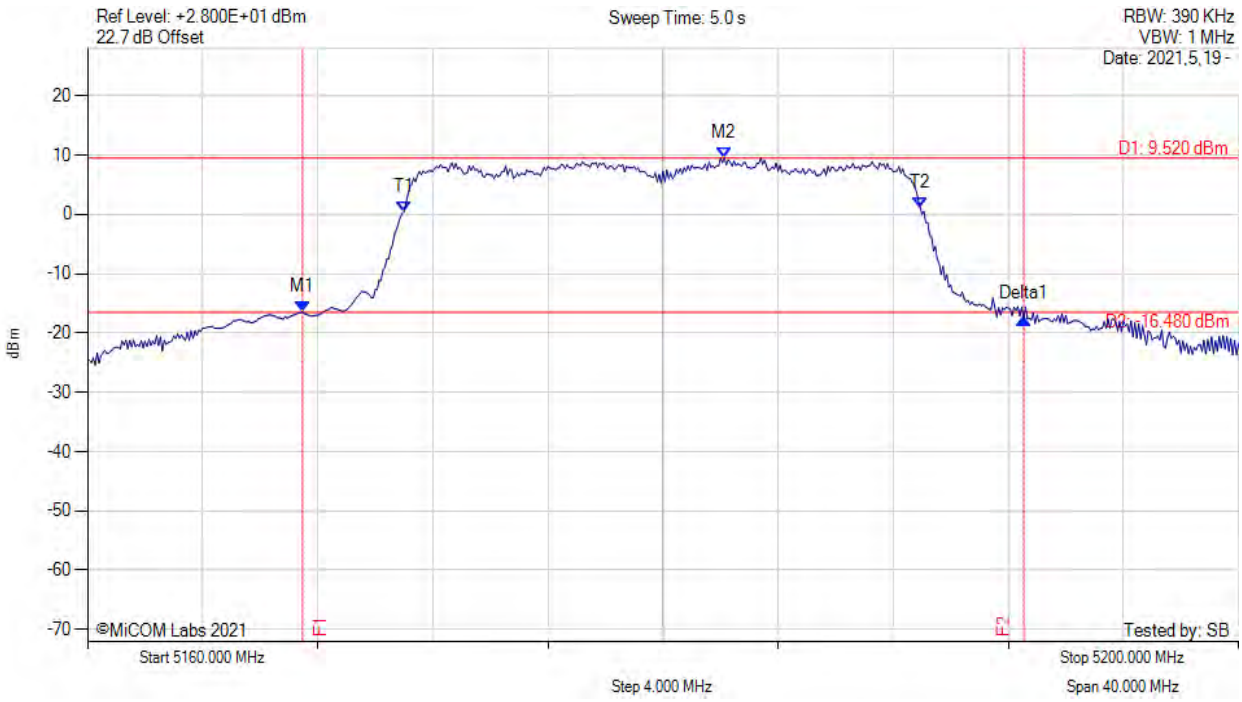


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5156.400 MHz : -17.845 dBm M2 : 5191.070 MHz : 4.446 dBm Delta1 : 93.330 MHz : 0.186 dB T1 : 5171.067 MHz : 2.833 dBm T2 : 5248.667 MHz : 2.474 dBm OBW : 77.558 MHz	Measured 26 dB Bandwidth: 93.330 MHz Measured 99% Bandwidth: 77.558 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

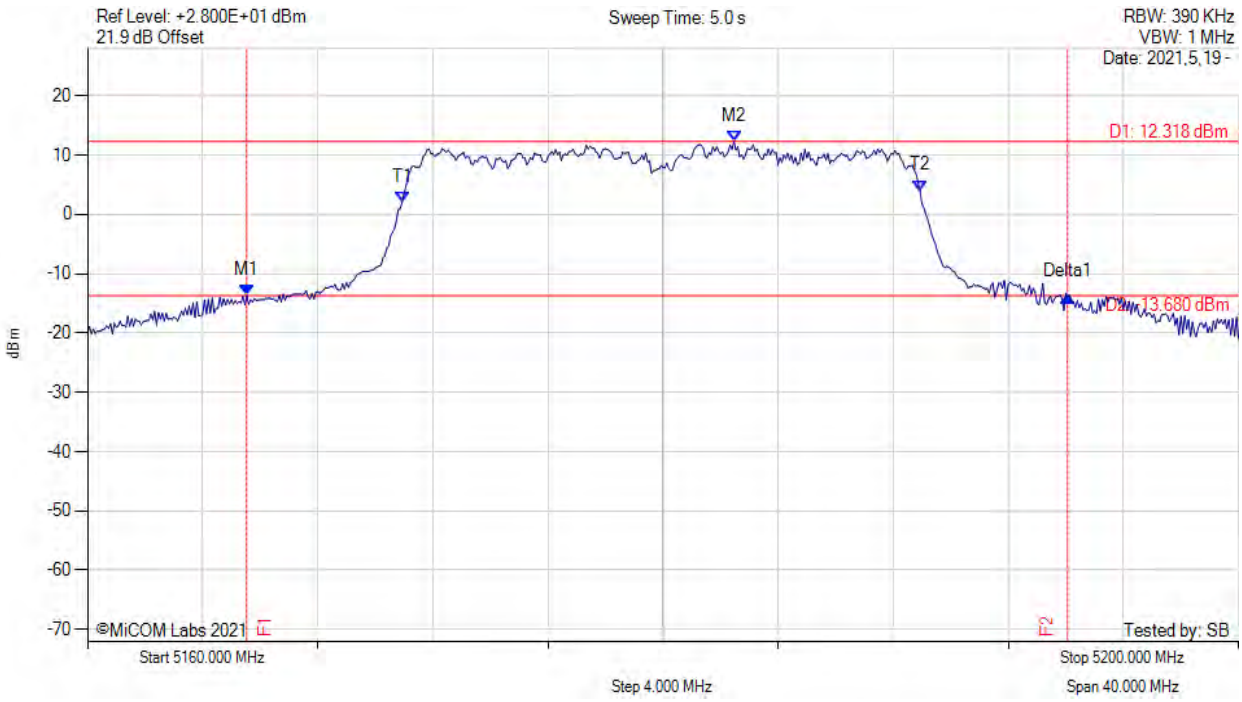


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5167.470 MHz : -16.441 dBm M2 : 5182.130 MHz : 9.520 dBm Delta1 : 25.070 MHz : -1.226 dB T1 : 5171.000 MHz : 0.430 dBm T2 : 5188.933 MHz : 1.155 dBm OBW : 17.977 MHz	Measured 26 dB Bandwidth: 25.070 MHz Measured 99% Bandwidth: 17.977 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

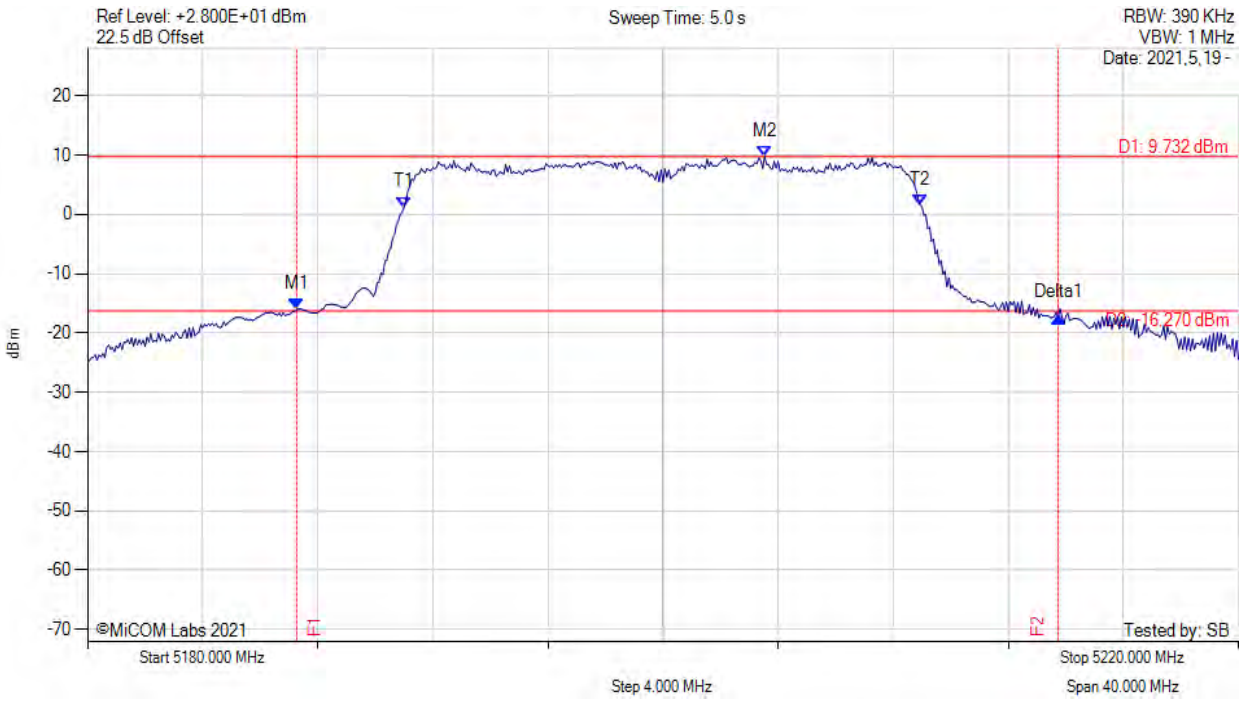


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5165.530 MHz : -13.679 dBm M2 : 5182.470 MHz : 12.318 dBm Delta1 : 28.530 MHz : -0.242 dB T1 : 5170.933 MHz : 2.102 dBm T2 : 5188.933 MHz : 4.019 dBm OBW : 17.988 MHz	Measured 26 dB Bandwidth: 28.530 MHz Measured 99% Bandwidth: 17.988 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

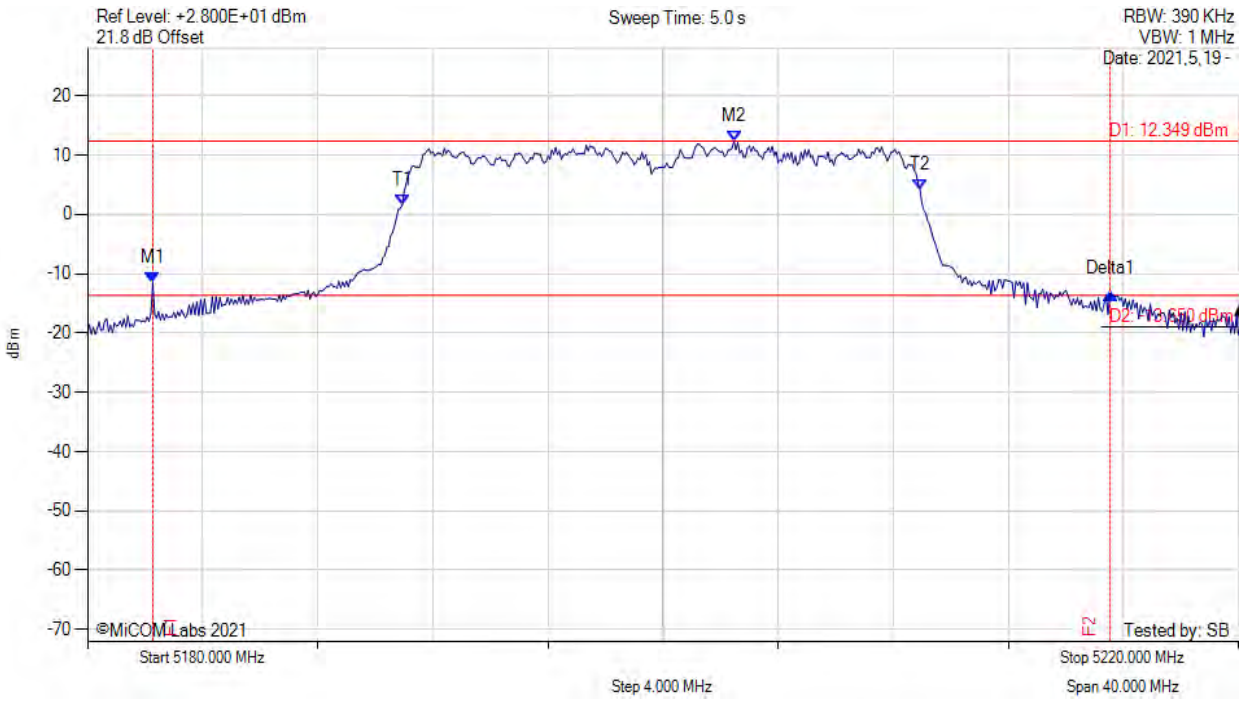


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5187.270 MHz : -16.004 dBm M2 : 5203.530 MHz : 9.732 dBm Delta1 : 26.470 MHz : -1.305 dB T1 : 5191.000 MHz : 1.212 dBm T2 : 5208.933 MHz : 1.577 dBm OBW : 18.009 MHz	Measured 26 dB Bandwidth: 26.470 MHz Measured 99% Bandwidth: 18.009 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

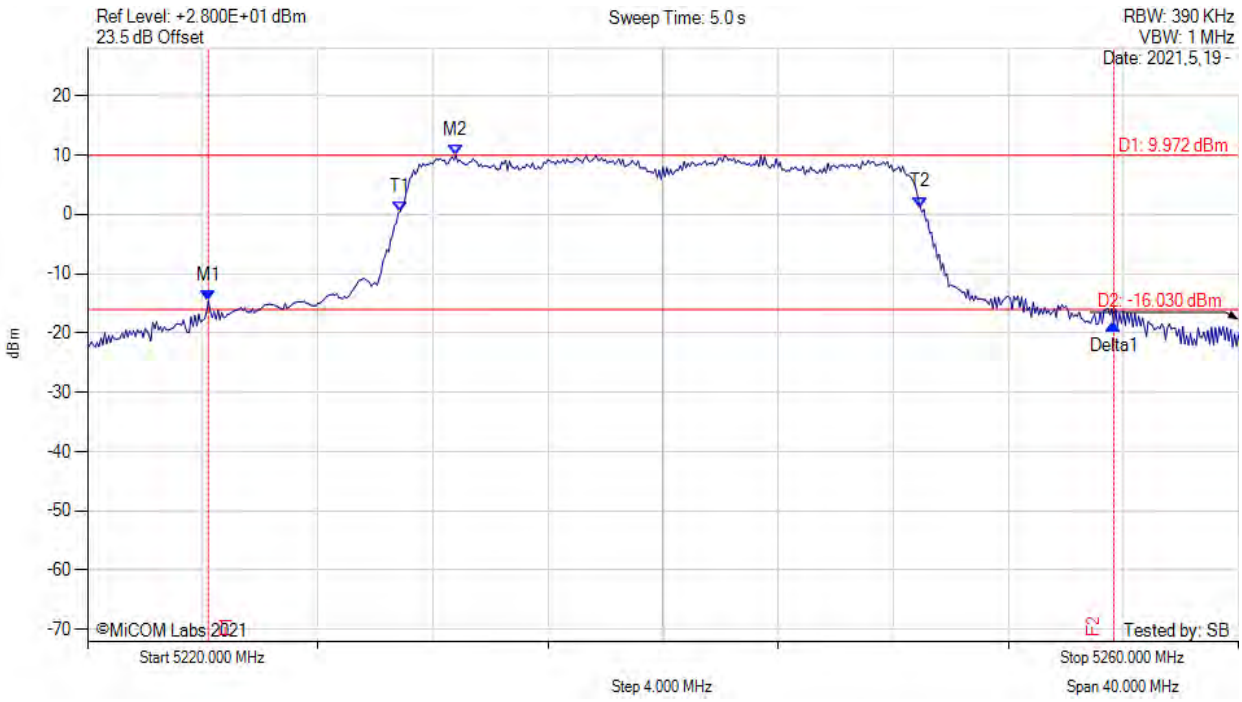


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5182.270 MHz : -11.494 dBm M2 : 5202.470 MHz : 12.349 dBm Delta1 : 33.270 MHz : -1.935 dB T1 : 5190.933 MHz : 1.527 dBm T2 : 5208.933 MHz : 4.162 dBm OBW : 18.000 MHz	Measured 26 dB Bandwidth: 33.270 MHz Measured 99% Bandwidth: 18.000 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

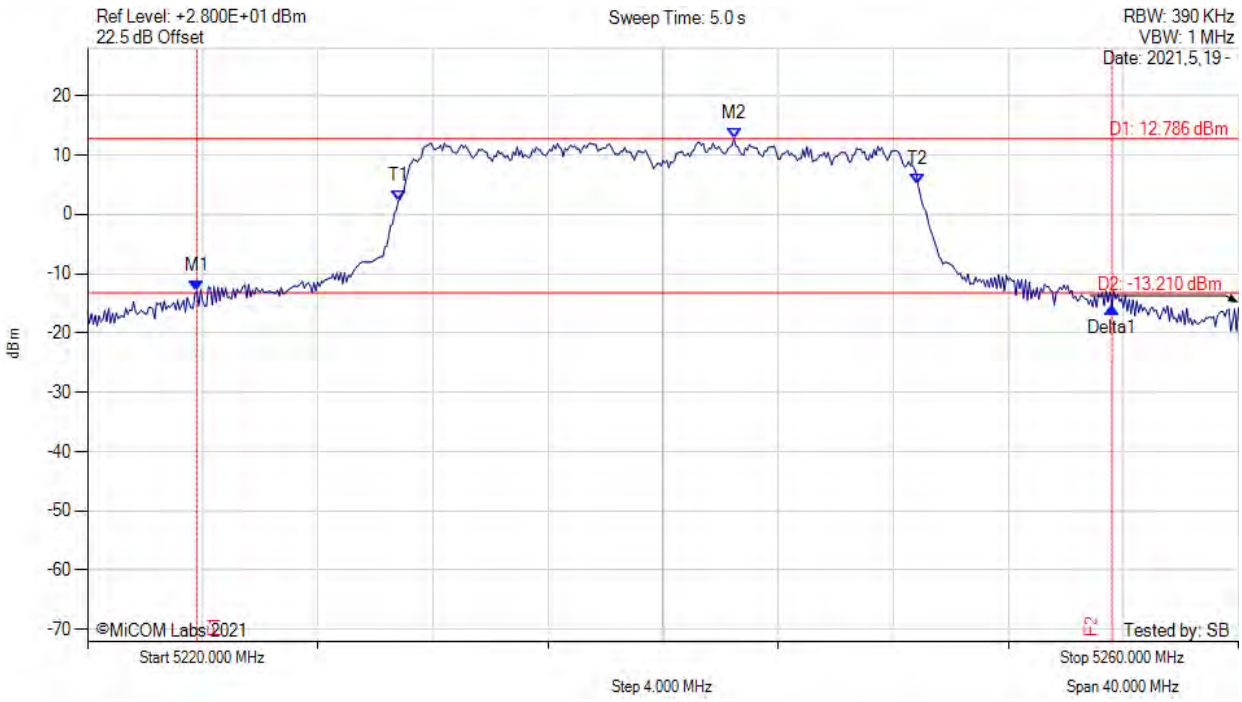


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5224.200 MHz : -14.580 dBm M2 : 5232.800 MHz : 9.972 dBm Delta1 : 31.470 MHz : -3.934 dB T1 : 5230.867 MHz : 0.475 dBm T2 : 5248.933 MHz : 1.214 dBm OBW : 18.071 MHz	Measured 26 dB Bandwidth: 31.470 MHz Measured 99% Bandwidth: 18.071 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

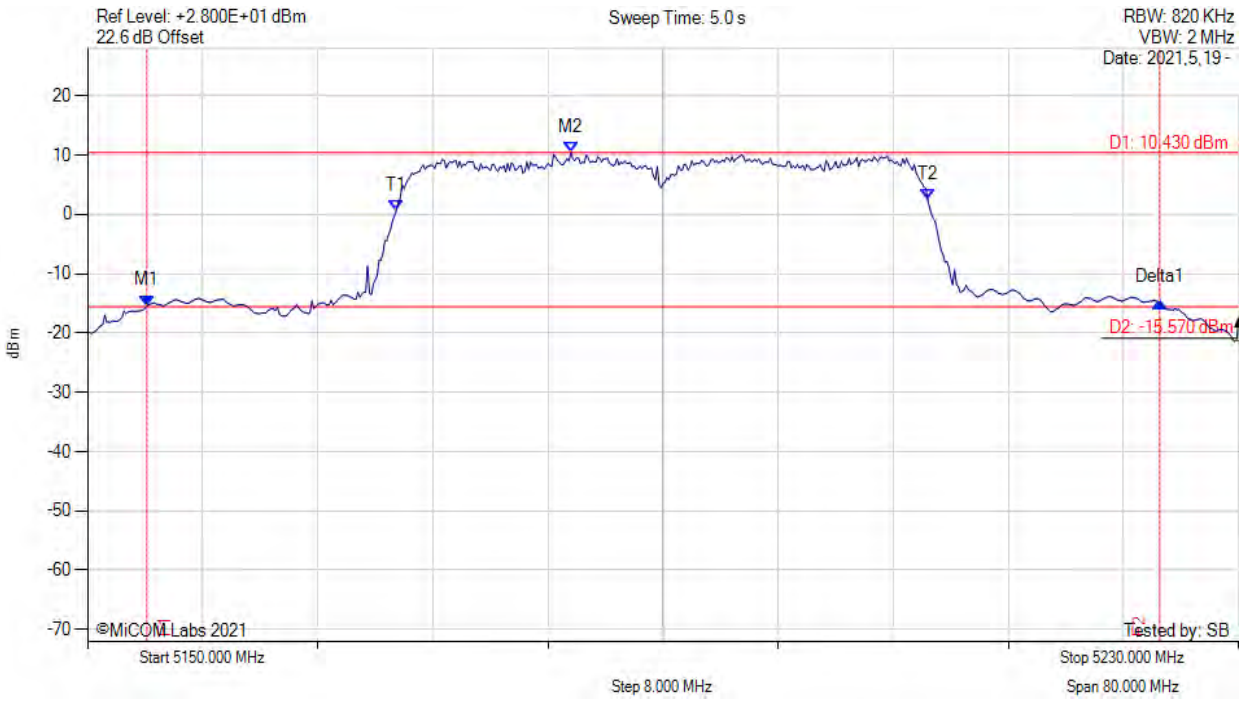


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5223.800 MHz : -12.985 dBm M2 : 5242.470 MHz : 12.786 dBm Delta1 : 31.800 MHz : -2.658 dB T1 : 5230.800 MHz : 2.310 dBm T2 : 5248.867 MHz : 5.012 dBm OBW : 18.091 MHz	Measured 26 dB Bandwidth: 31.800 MHz Measured 99% Bandwidth: 18.091 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

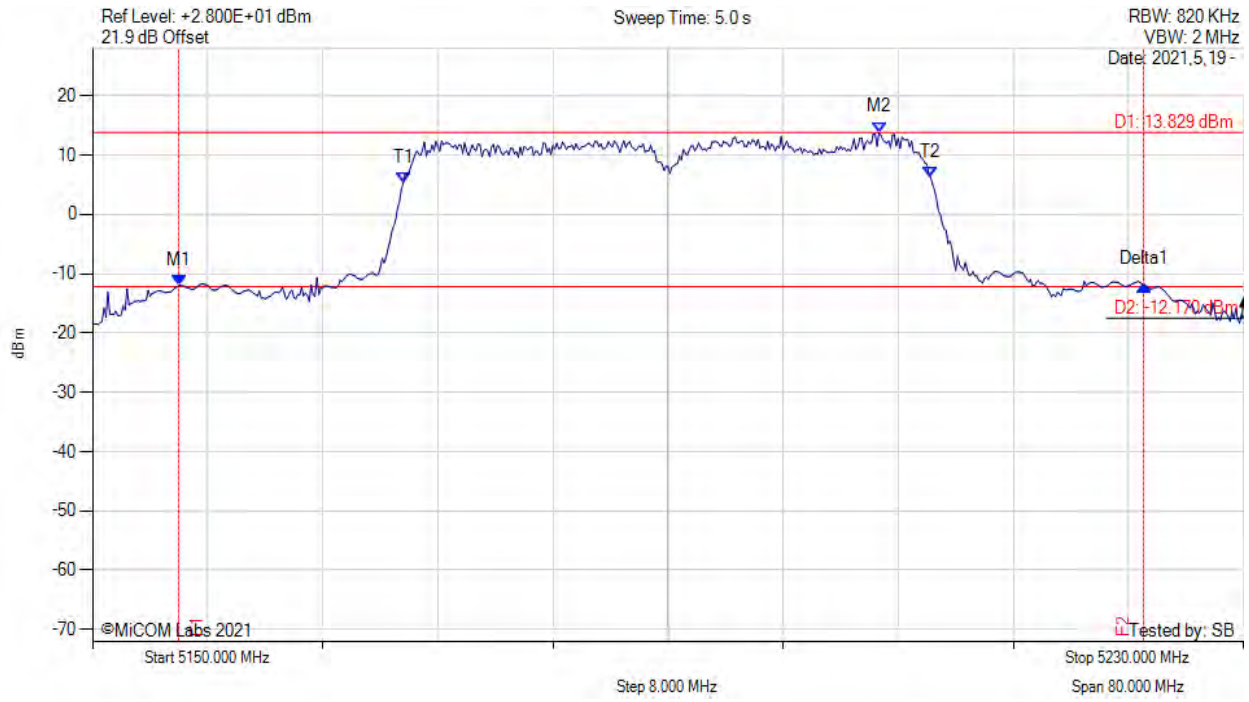


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5154.130 MHz : -15.391 dBm M2 : 5183.600 MHz : 10.430 dBm Delta1 : 70.400 MHz : 0.536 dB T1 : 5171.467 MHz : 0.595 dBm T2 : 5208.400 MHz : 2.440 dBm OBW : 37.016 MHz	Measured 26 dB Bandwidth: 70.400 MHz Measured 99% Bandwidth: 37.016 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

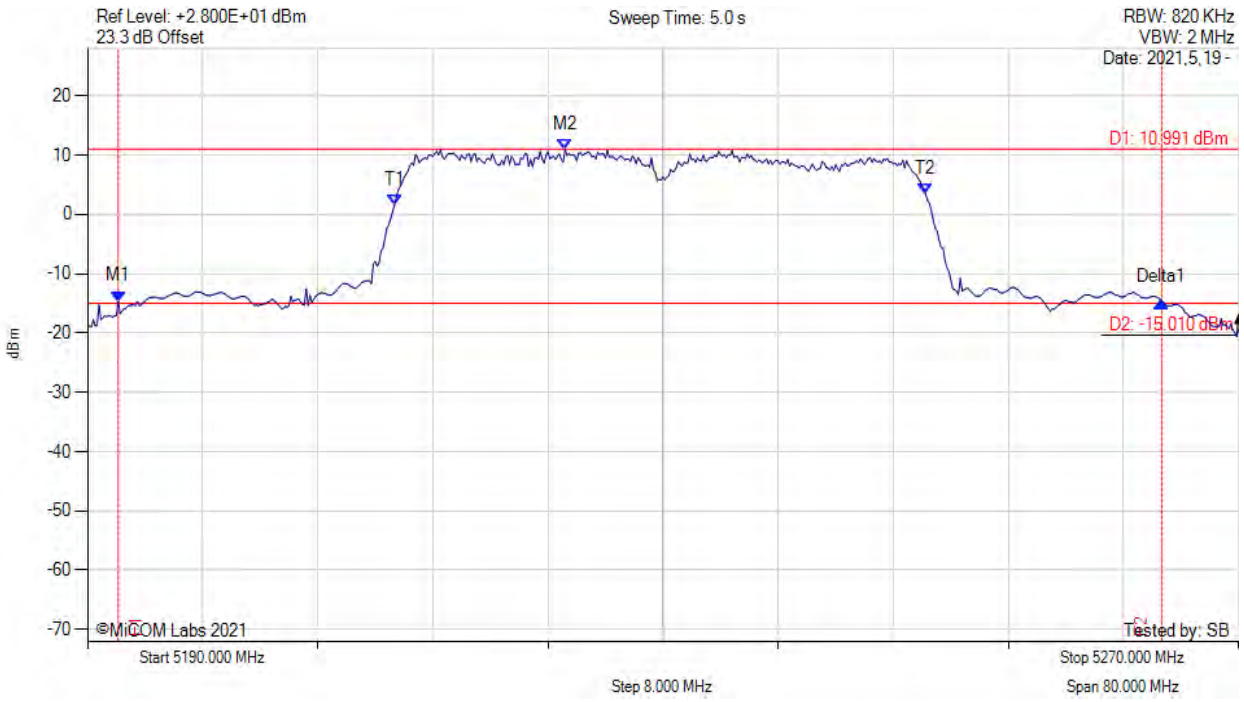


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5156.000 MHz : -12.017 dBm M2 : 5204.670 MHz : 13.829 dBm Delta1 : 67.070 MHz : 0.149 dB T1 : 5171.600 MHz : 5.329 dBm T2 : 5208.267 MHz : 6.173 dBm OBW : 36.815 MHz	Measured 26 dB Bandwidth: 67.070 MHz Measured 99% Bandwidth: 36.815 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

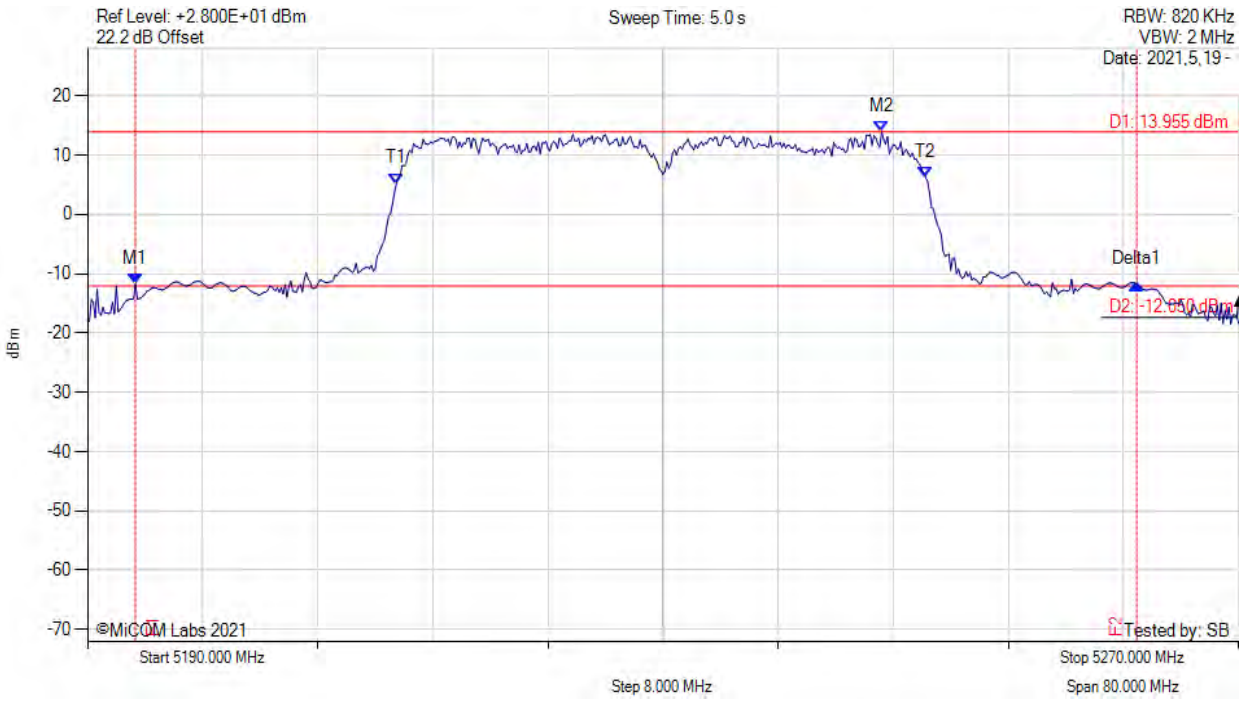


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5192.130 MHz : -14.694 dBm M2 : 5223.200 MHz : 10.991 dBm Delta1 : 72.530 MHz : -0.010 dB T1 : 5211.333 MHz : 1.507 dBm T2 : 5248.267 MHz : 3.337 dBm OBW : 37.099 MHz	Measured 26 dB Bandwidth: 72.530 MHz Measured 99% Bandwidth: 37.099 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

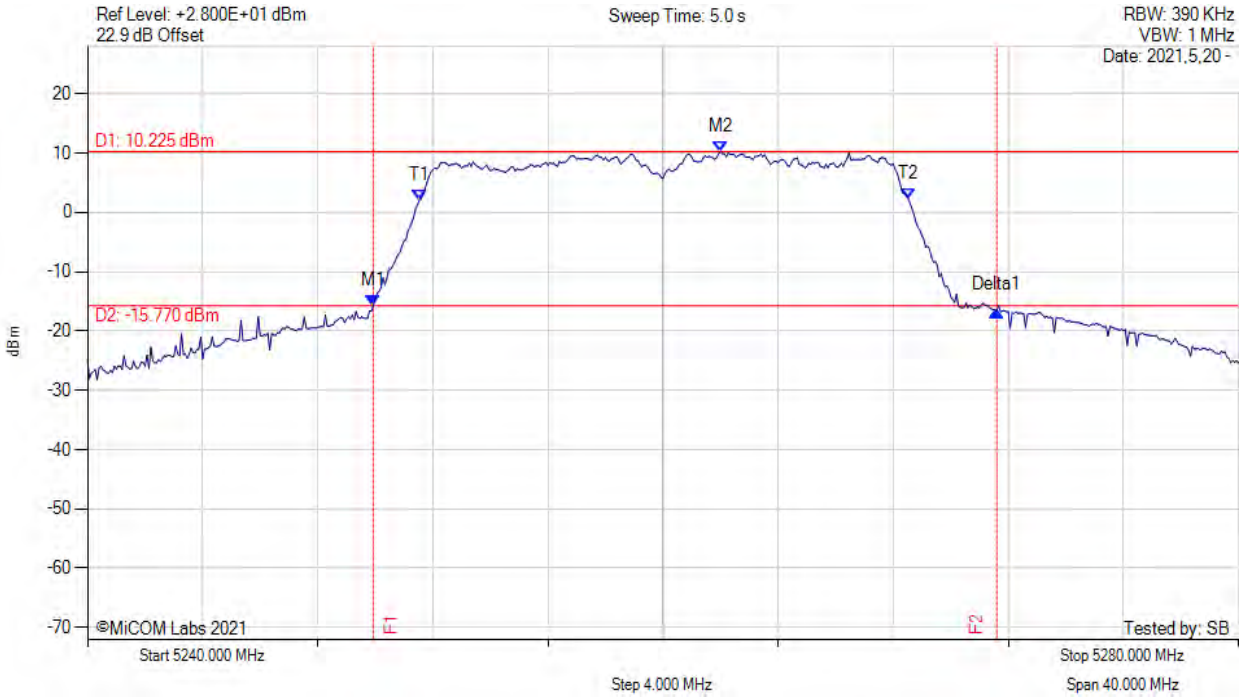


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5193.330 MHz : -11.822 dBm M2 : 5245.200 MHz : 13.955 dBm Delta1 : 69.600 MHz : 0.123 dB T1 : 5211.467 MHz : 5.177 dBm T2 : 5248.267 MHz : 6.220 dBm OBW : 36.776 MHz	Measured 26 dB Bandwidth: 69.600 MHz Measured 99% Bandwidth: 36.776 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

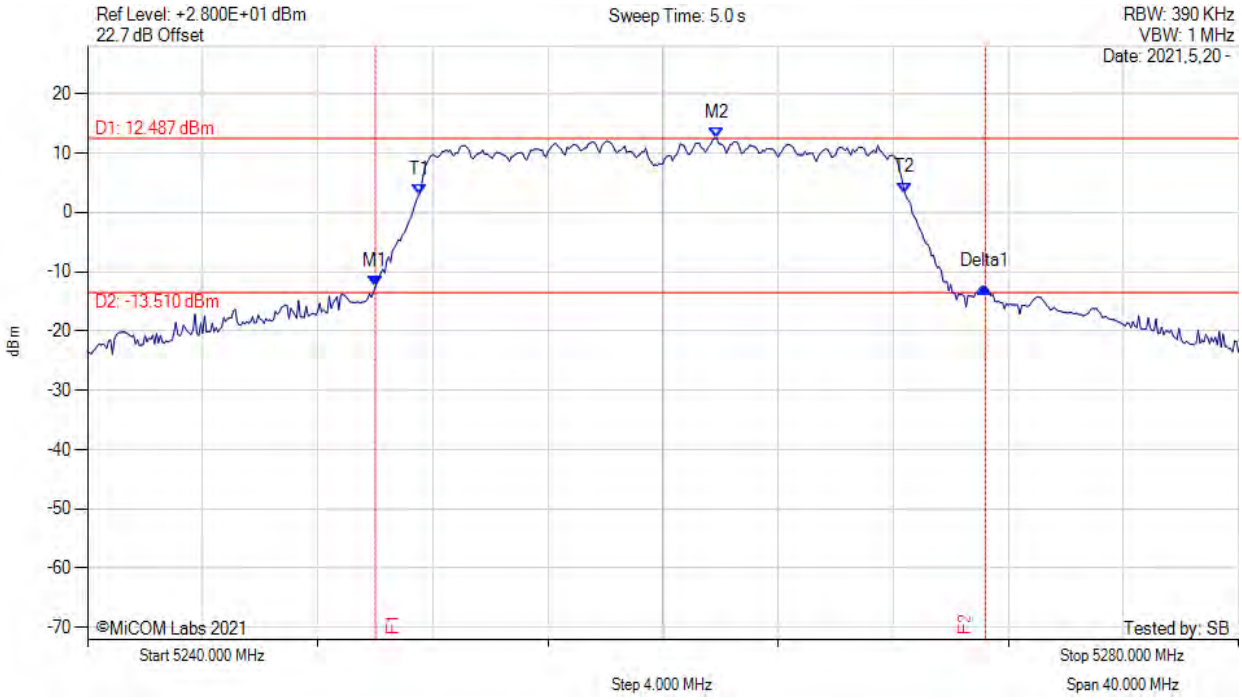


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5249.930 MHz : -15.752 dBm M2 : 5262.000 MHz : 10.225 dBm Delta1 : 21.670 MHz : -0.788 dB T1 : 5251.533 MHz : 2.066 dBm T2 : 5268.533 MHz : 2.232 dBm OBW : 17.069 MHz	Measured 26 dB Bandwidth: 21.670 MHz Measured 99% Bandwidth: 17.069 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

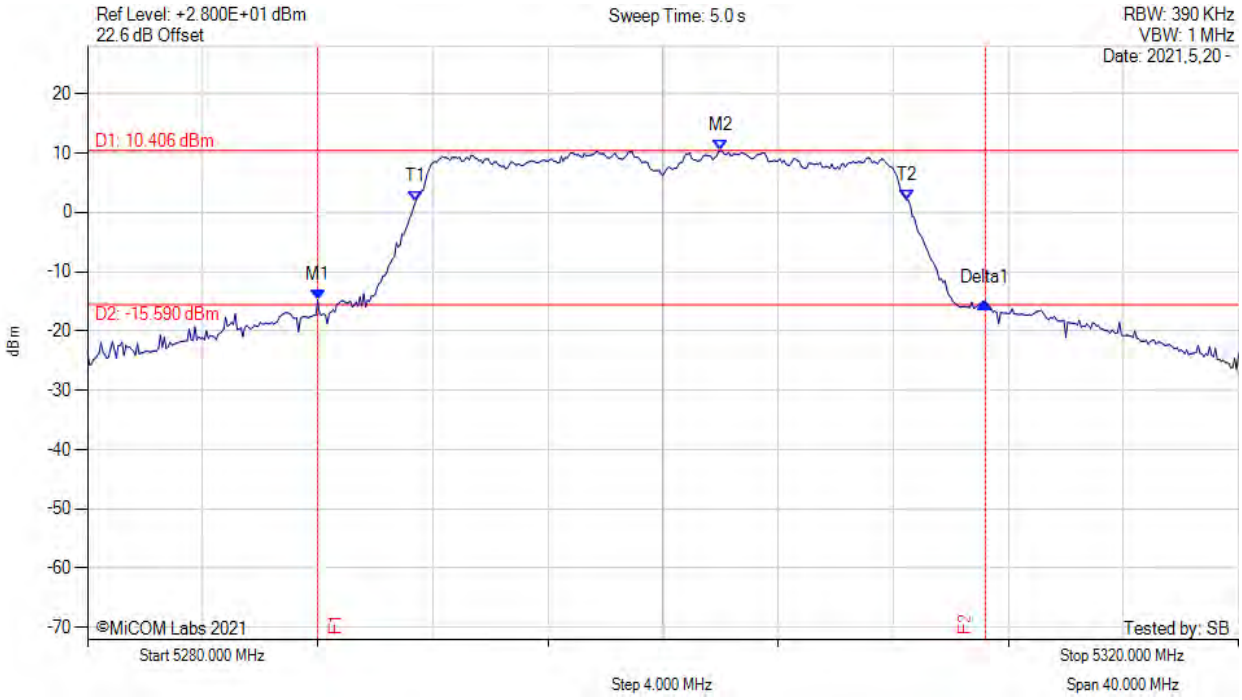


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5250.000 MHz : -12.556 dBm M2 : 5261.870 MHz : 12.487 dBm Delta1 : 21.200 MHz : -0.021 dB T1 : 5251.533 MHz : 2.909 dBm T2 : 5268.400 MHz : 3.303 dBm OBW : 16.899 MHz	Measured 26 dB Bandwidth: 21.200 MHz Measured 99% Bandwidth: 16.899 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

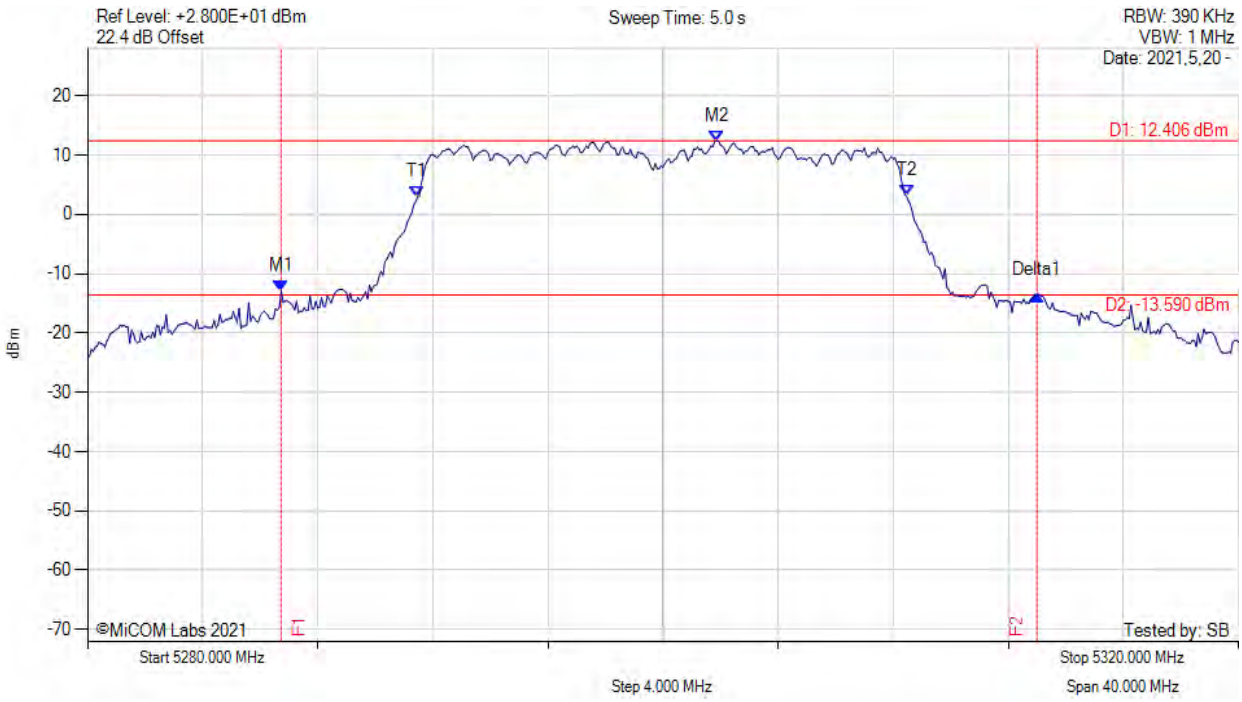


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5288.000 MHz : -14.872 dBm M2 : 5302.000 MHz : 10.406 dBm Delta1 : 23.200 MHz : -0.315 dB T1 : 5291.400 MHz : 1.827 dBm T2 : 5308.467 MHz : 2.118 dBm OBW : 17.107 MHz	Measured 26 dB Bandwidth: 23.200 MHz Measured 99% Bandwidth: 17.107 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

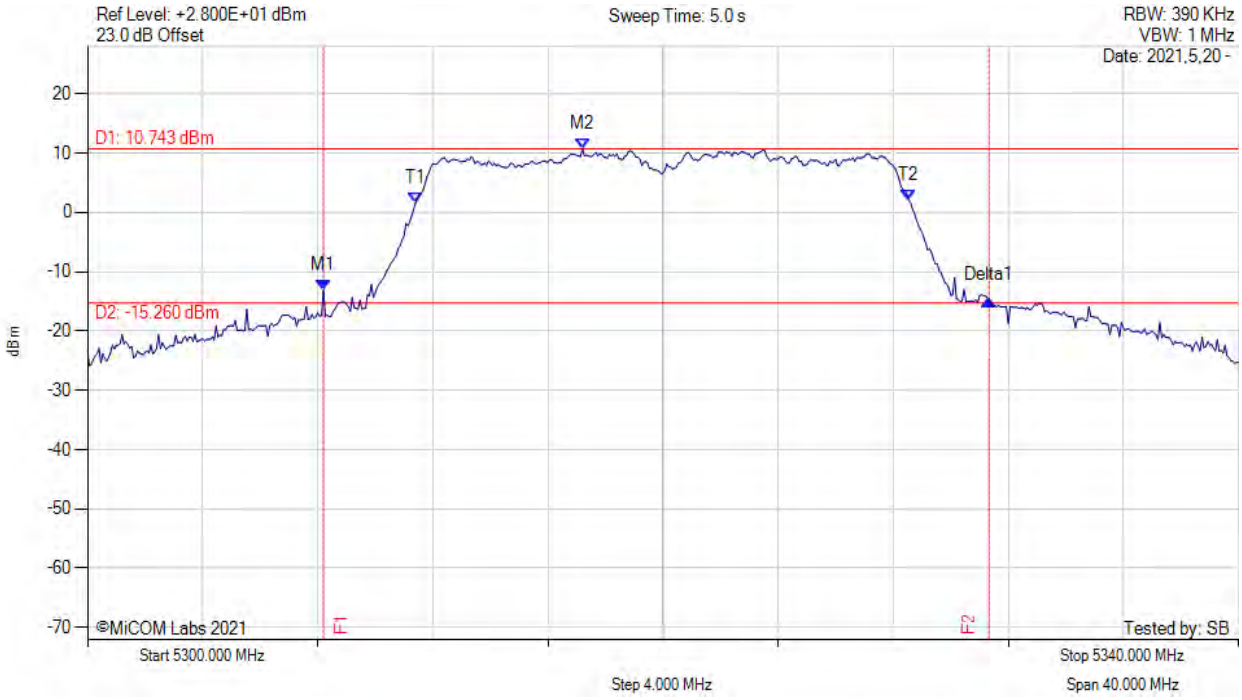


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5286.730 MHz : -12.900 dBm M2 : 5301.870 MHz : 12.406 dBm Delta1 : 26.270 MHz : -0.666 dB T1 : 5291.467 MHz : 2.903 dBm T2 : 5308.467 MHz : 3.100 dBm OBW : 17.006 MHz	Measured 26 dB Bandwidth: 26.270 MHz Measured 99% Bandwidth: 17.006 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

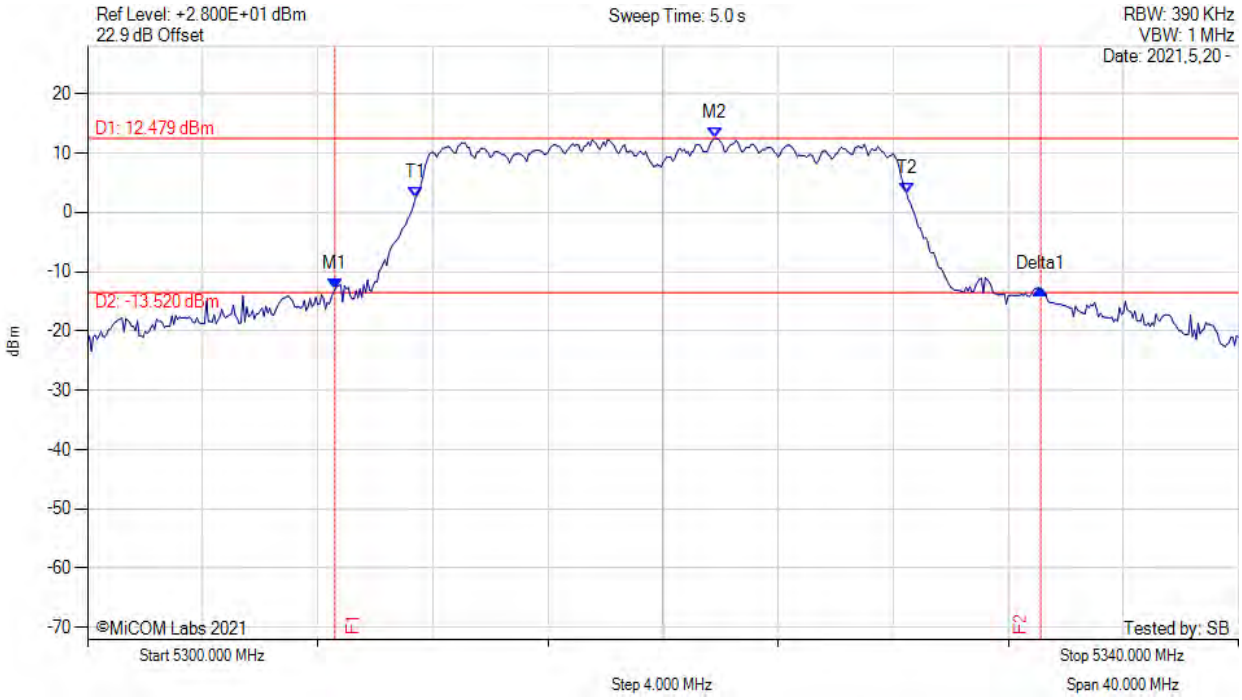


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5308.200 MHz : -13.128 dBm M2 : 5317.200 MHz : 10.743 dBm Delta1 : 23.130 MHz : -1.607 dB T1 : 5311.400 MHz : 1.573 dBm T2 : 5328.533 MHz : 2.043 dBm OBW : 17.152 MHz	Measured 26 dB Bandwidth: 23.130 MHz Measured 99% Bandwidth: 17.152 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

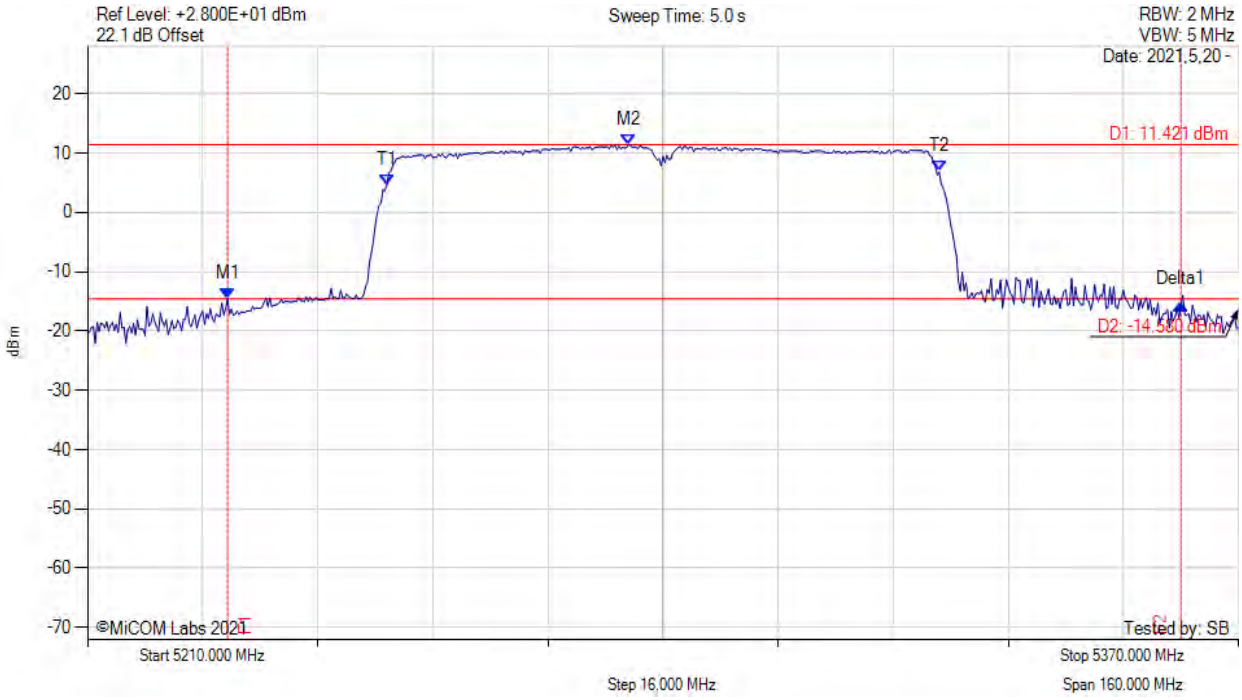


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5308.600 MHz : -13.002 dBm M2 : 5321.800 MHz : 12.479 dBm Delta1 : 24.530 MHz : 0.121 dB T1 : 5311.400 MHz : 2.464 dBm T2 : 5328.467 MHz : 3.249 dBm OBW : 17.049 MHz	Measured 26 dB Bandwidth: 24.530 MHz Measured 99% Bandwidth: 17.049 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

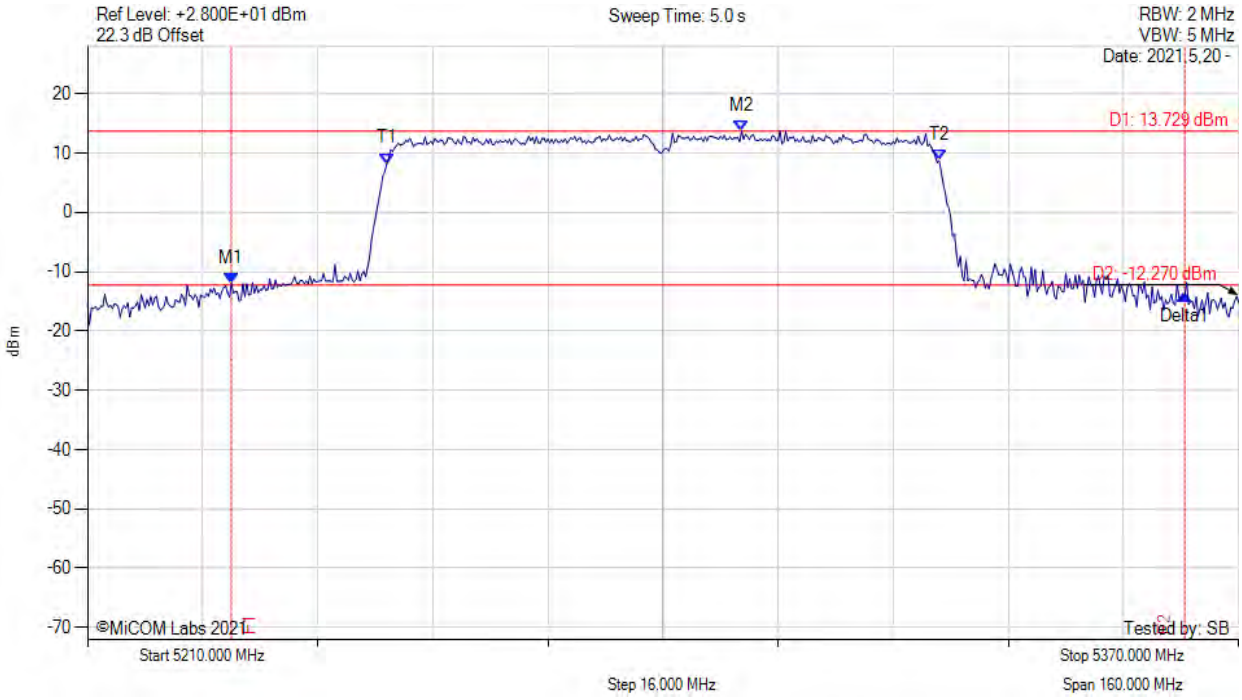


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5229.470 MHz : -14.517 dBm M2 : 5285.200 MHz : 11.421 dBm Delta1 : 132.530 MHz : -1.062 dB T1 : 5251.600 MHz : 4.547 dBm T2 : 5328.400 MHz : 6.841 dBm OBW : 76.839 MHz	Measured 26 dB Bandwidth: 132.530 MHz Measured 99% Bandwidth: 76.839 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

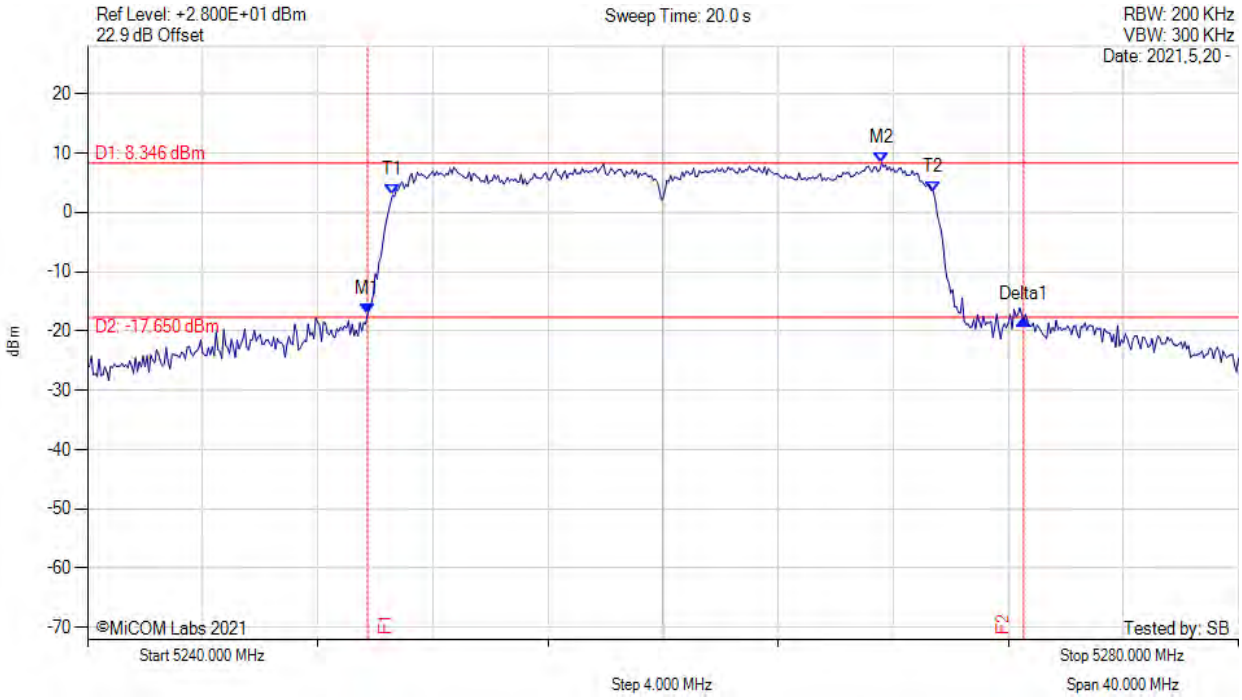


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5230.000 MHz : -12.007 dBm M2 : 5300.930 MHz : 13.729 dBm Delta1 : 132.530 MHz : -1.912 dB T1 : 5251.600 MHz : 8.230 dBm T2 : 5328.400 MHz : 8.731 dBm OBW : 76.917 MHz	Measured 26 dB Bandwidth: 132.530 MHz Measured 99% Bandwidth: 76.917 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

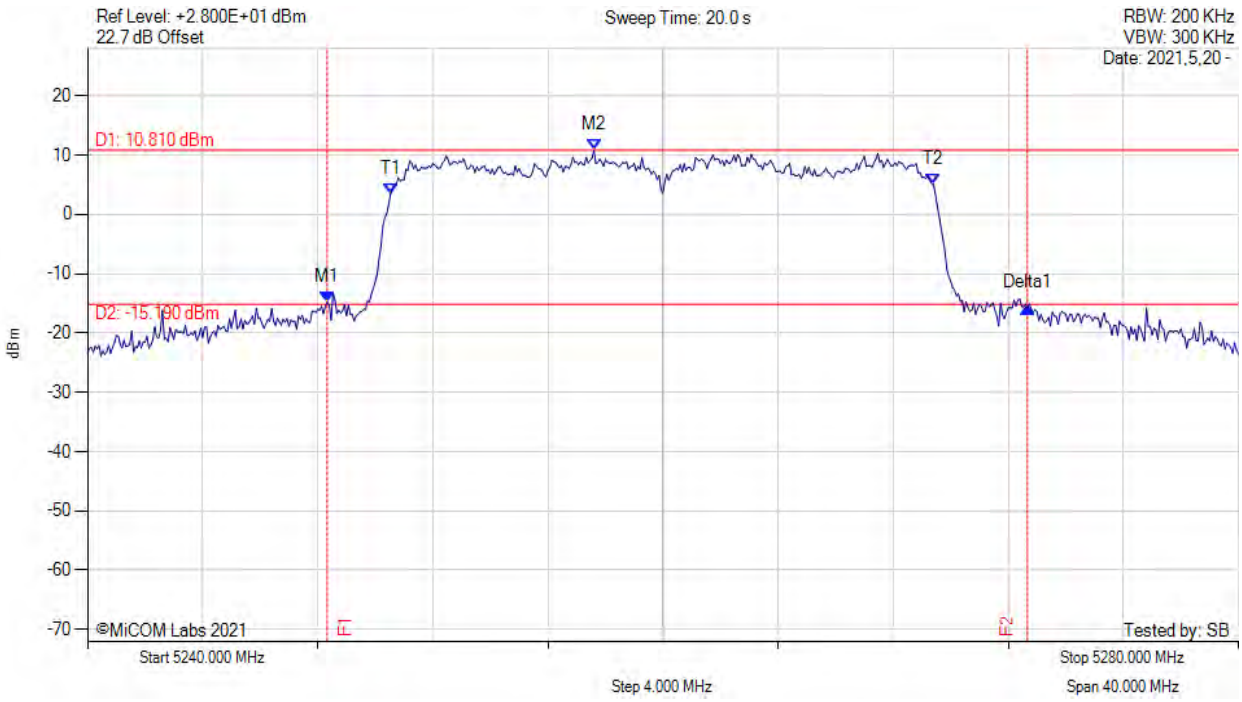


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5249.730 MHz : -17.141 dBm M2 : 5267.600 MHz : 8.346 dBm Delta1 : 22.800 MHz : -0.883 dB T1 : 5250.600 MHz : 2.907 dBm T2 : 5269.400 MHz : 3.439 dBm OBW : 18.808 MHz	Measured 26 dB Bandwidth: 22.800 MHz Measured 99% Bandwidth: 18.808 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

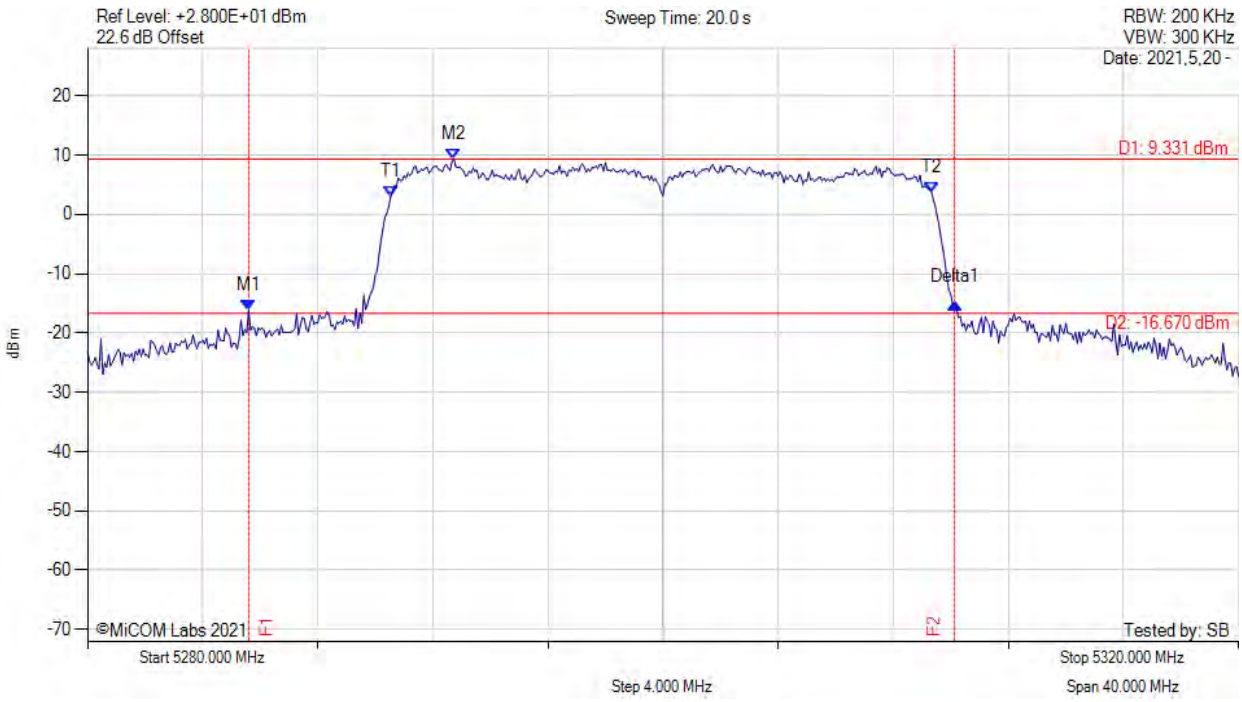


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5248.330 MHz : -14.809 dBm M2 : 5257.600 MHz : 10.810 dBm Delta1 : 24.330 MHz : -0.907 dB T1 : 5250.533 MHz : 3.424 dBm T2 : 5269.400 MHz : 5.104 dBm OBW : 18.828 MHz	Measured 26 dB Bandwidth: 24.330 MHz Measured 99% Bandwidth: 18.828 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

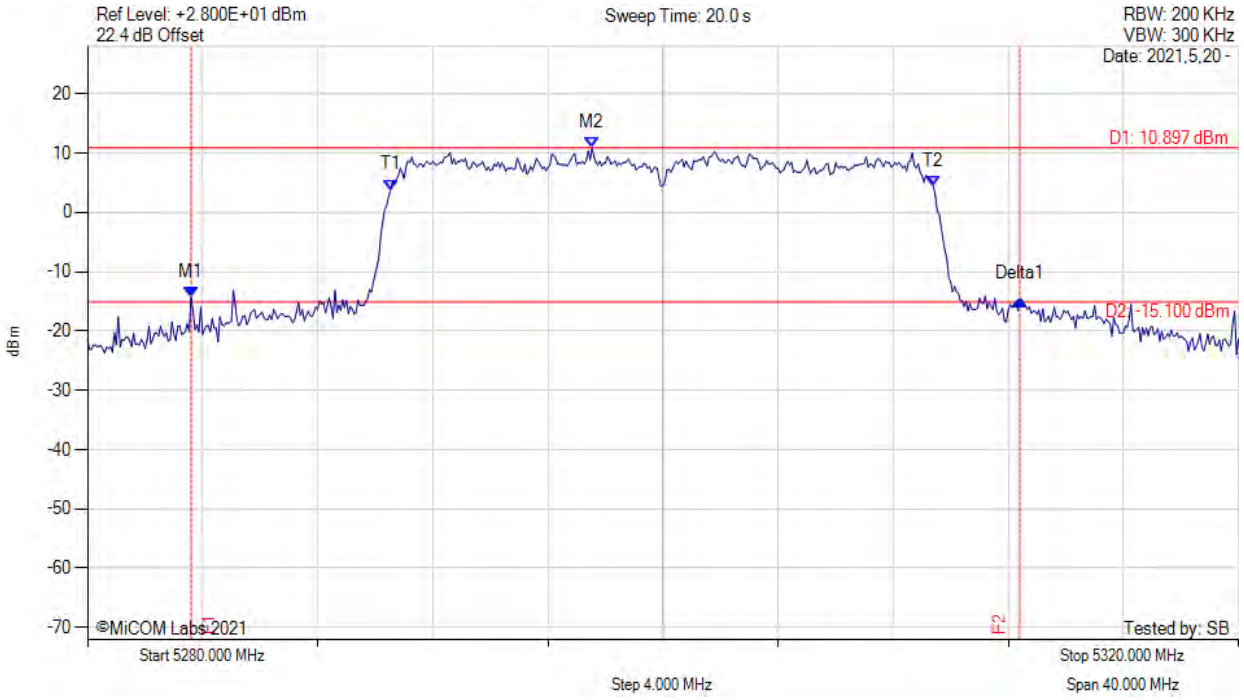


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5285.600 MHz : -16.185 dBm M2 : 5292.730 MHz : 9.331 dBm Delta1 : 24.530 MHz : 1.284 dB T1 : 5290.533 MHz : 2.937 dBm T2 : 5309.333 MHz : 3.741 dBm OBW : 18.809 MHz	Measured 26 dB Bandwidth: 24.530 MHz Measured 99% Bandwidth: 18.809 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

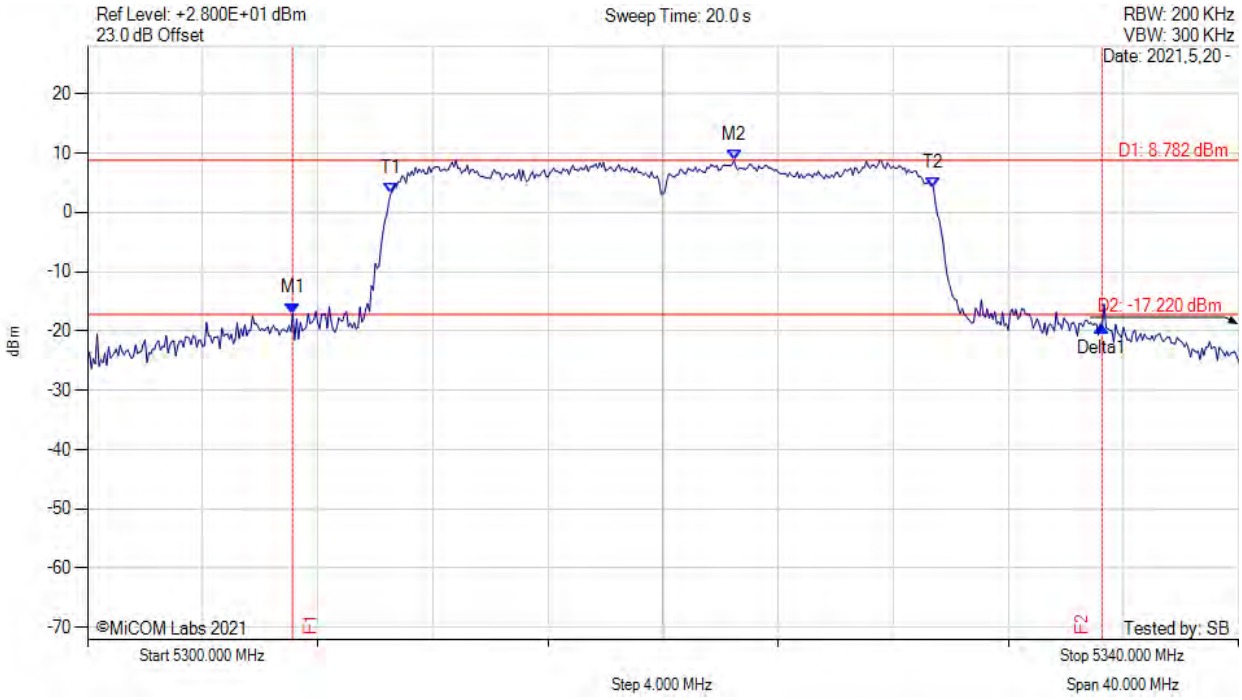


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5283.600 MHz : -14.290 dBm M2 : 5297.530 MHz : 10.897 dBm Delta1 : 28.800 MHz : -0.388 dB T1 : 5290.533 MHz : 3.769 dBm T2 : 5309.400 MHz : 4.337 dBm OBW : 18.847 MHz	Measured 26 dB Bandwidth: 28.800 MHz Measured 99% Bandwidth: 18.847 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

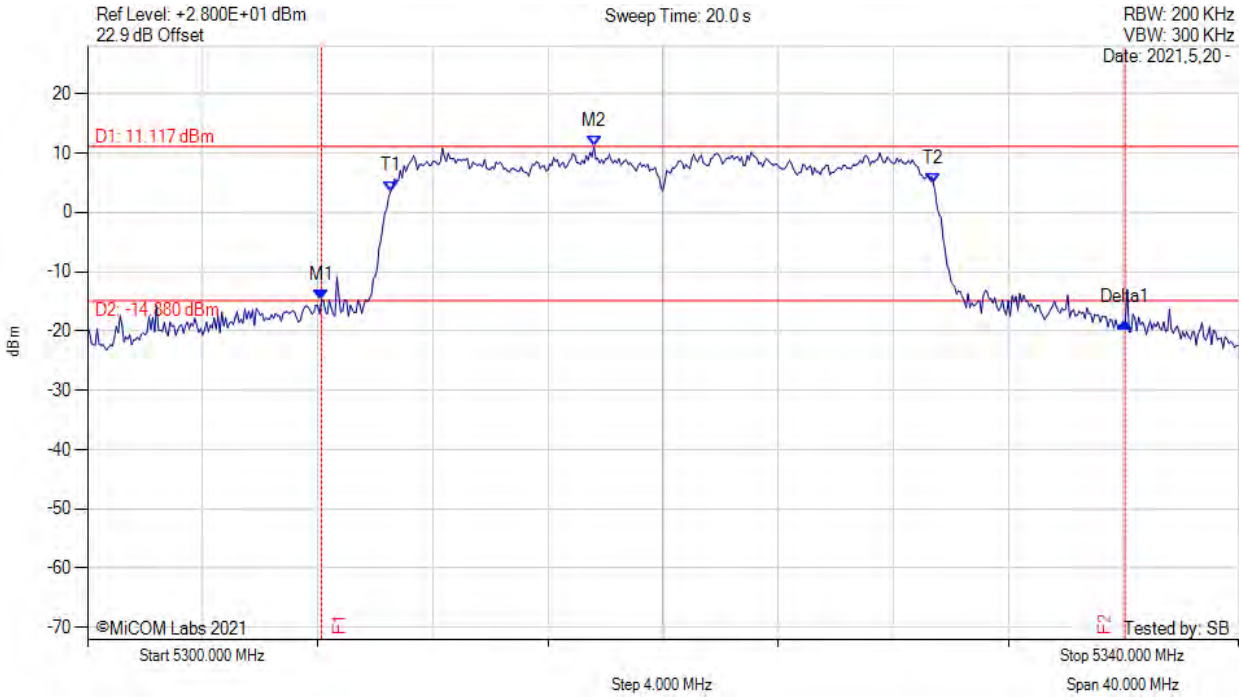


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5307.130 MHz : -17.011 dBm M2 : 5322.470 MHz : 8.782 dBm Delta1 : 28.130 MHz : -2.274 dB T1 : 5310.533 MHz : 3.118 dBm T2 : 5329.400 MHz : 4.186 dBm OBW : 18.835 MHz	Measured 26 dB Bandwidth: 28.130 MHz Measured 99% Bandwidth: 18.835 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

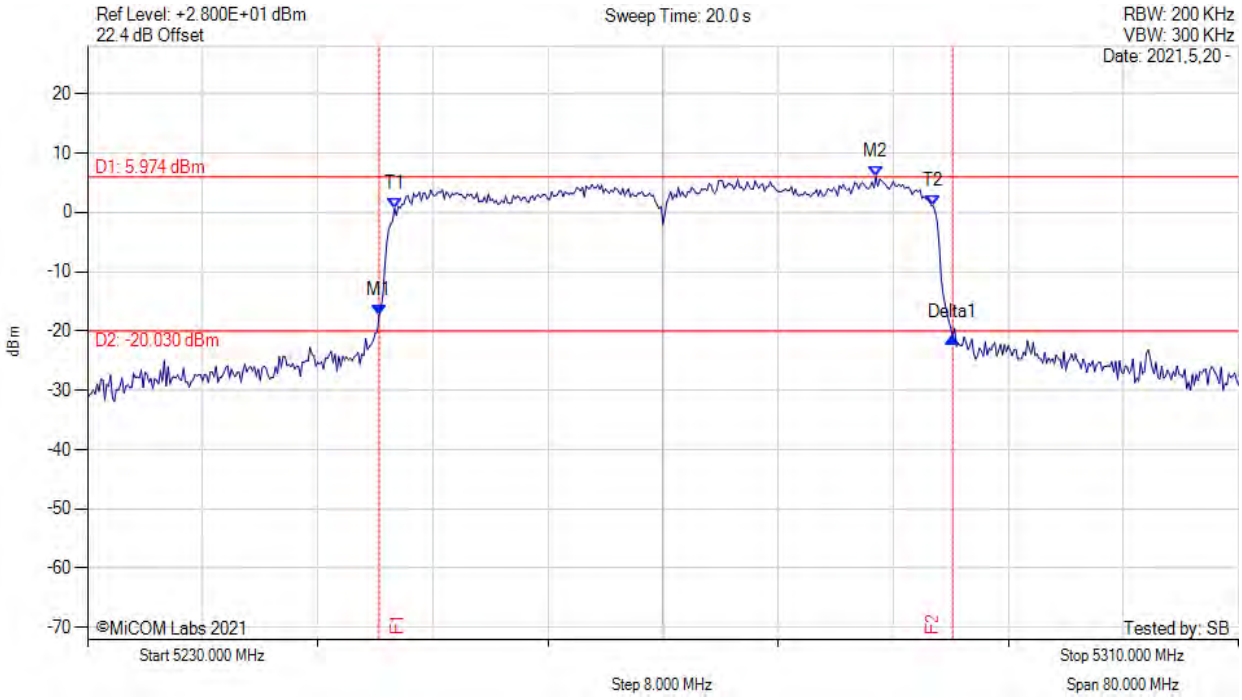


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5308.130 MHz : -14.786 dBm M2 : 5317.600 MHz : 11.117 dBm Delta1 : 27.930 MHz : -3.819 dB T1 : 5310.533 MHz : 3.539 dBm T2 : 5329.400 MHz : 4.910 dBm OBW : 18.848 MHz	Measured 26 dB Bandwidth: 27.930 MHz Measured 99% Bandwidth: 18.848 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5270.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5250.270 MHz : -17.317 dBm M2 : 5284.800 MHz : 5.974 dBm Delta1 : 39.870 MHz : -3.830 dB T1 : 5251.333 MHz : 0.664 dBm T2 : 5288.800 MHz : 0.999 dBm OBW : 37.439 MHz	Measured 26 dB Bandwidth: 39.870 MHz Measured 99% Bandwidth: 37.439 MHz

back to matrix

26 dB & 99% BANDWIDTH

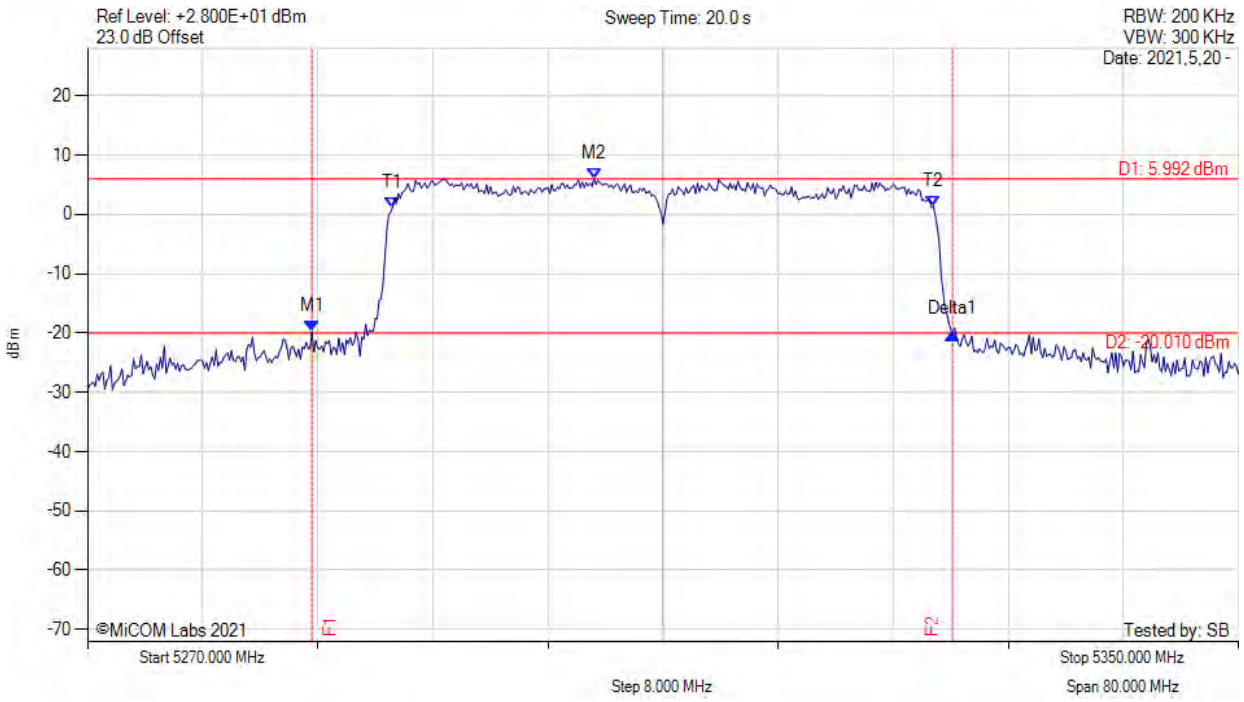
Variant: 802.11ax-40, Channel: 5270.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5245.470 MHz : -16.505 dBm M2 : 5265.470 MHz : 7.080 dBm Delta1 : 50.000 MHz : -5.579 dB T1 : 5251.200 MHz : 1.470 dBm T2 : 5288.800 MHz : 2.718 dBm OBW : 37.574 MHz	Measured 26 dB Bandwidth: 50.000 MHz Measured 99% Bandwidth: 37.574 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5310.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

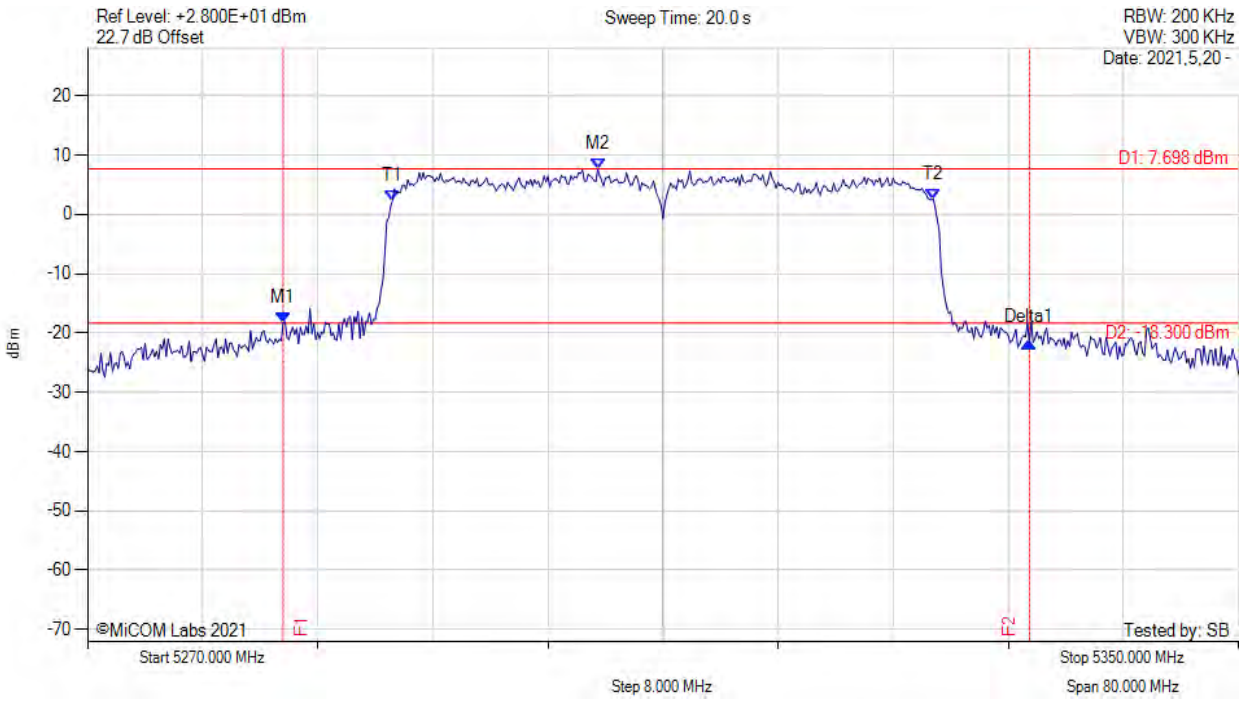


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5285.600 MHz : -19.781 dBm M2 : 5305.200 MHz : 5.992 dBm Delta1 : 44.530 MHz : -0.397 dB T1 : 5291.200 MHz : 1.149 dBm T2 : 5328.800 MHz : 1.415 dBm OBW : 37.555 MHz	Measured 26 dB Bandwidth: 44.530 MHz Measured 99% Bandwidth: 37.555 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5310.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

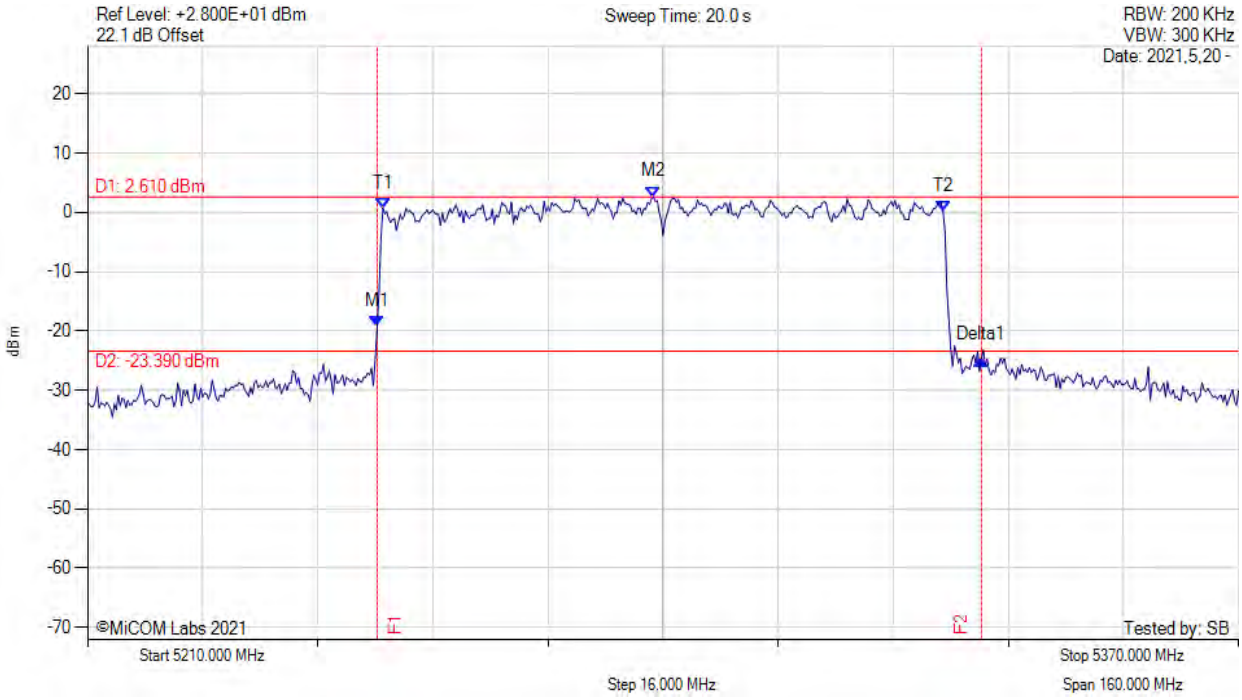


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5283.600 MHz : -18.239 dBm M2 : 5305.470 MHz : 7.698 dBm Delta1 : 51.870 MHz : -3.417 dB T1 : 5291.200 MHz : 2.356 dBm T2 : 5328.800 MHz : 2.502 dBm OBW : 37.580 MHz	Measured 26 dB Bandwidth: 51.870 MHz Measured 99% Bandwidth: 37.580 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5290.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

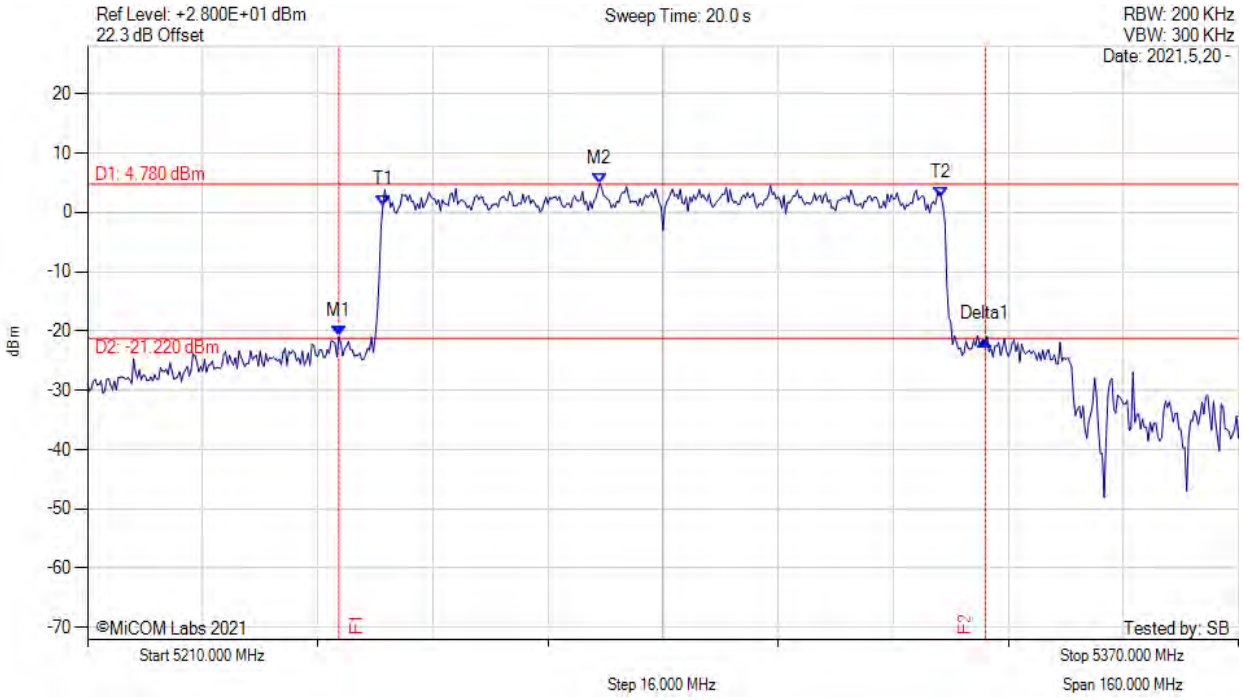


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5250.270 MHz : -19.138 dBm M2 : 5288.670 MHz : 2.610 dBm Delta1 : 84.000 MHz : -5.725 dB T1 : 5251.067 MHz : 0.689 dBm T2 : 5328.933 MHz : 0.097 dBm OBW : 77.553 MHz	Measured 26 dB Bandwidth: 84.000 MHz Measured 99% Bandwidth: 77.553 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5290.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

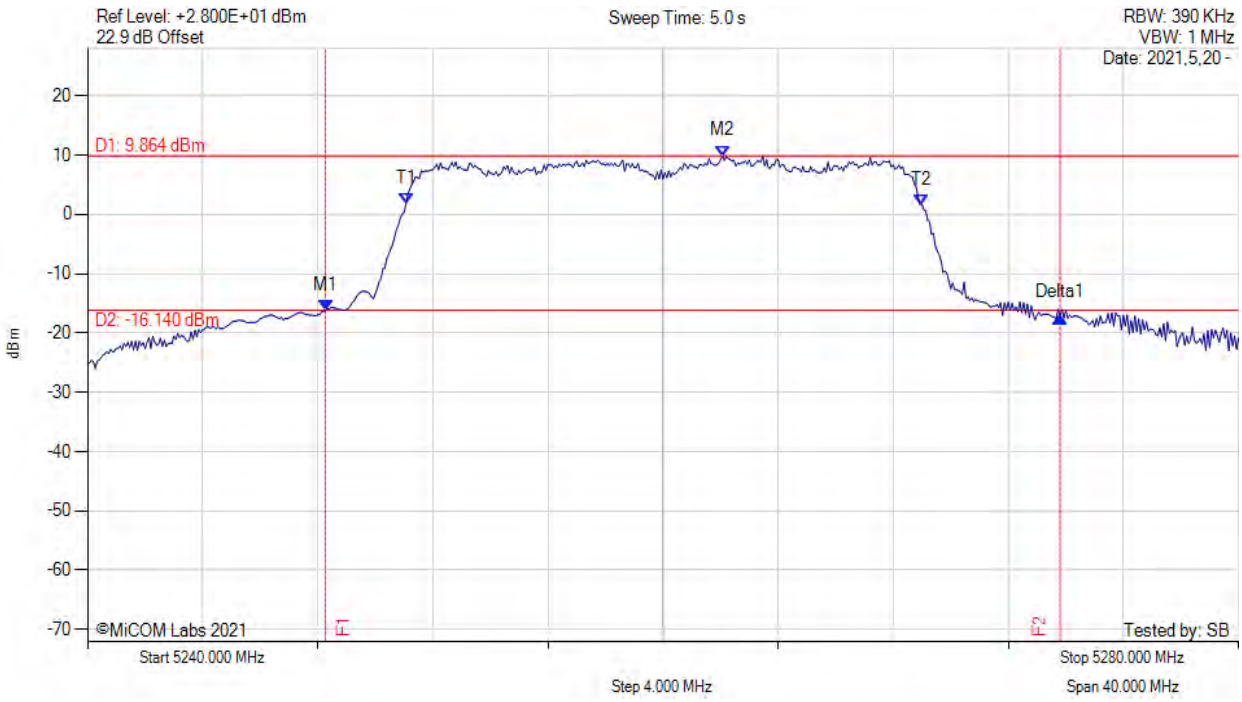


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5244.930 MHz : -20.954 dBm M2 : 5281.200 MHz : 4.780 dBm Delta1 : 89.870 MHz : -0.516 dB T1 : 5251.067 MHz : 1.220 dBm T2 : 5328.667 MHz : 2.594 dBm OBW : 77.477 MHz	Measured 26 dB Bandwidth: 89.870 MHz Measured 99% Bandwidth: 77.477 MHz

back to matrix

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 = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5248.270 MHz : -16.130 dBm M2 : 5262.070 MHz : 9.864 dBm Delta1 : 25.530 MHz : -1.247 dB T1 : 5251.067 MHz : 1.758 dBm T2 : 5269.000 MHz : 1.648 dBm OBW : 18.006 MHz	Measured 26 dB Bandwidth: 25.530 MHz Measured 99% Bandwidth: 18.006 MHz

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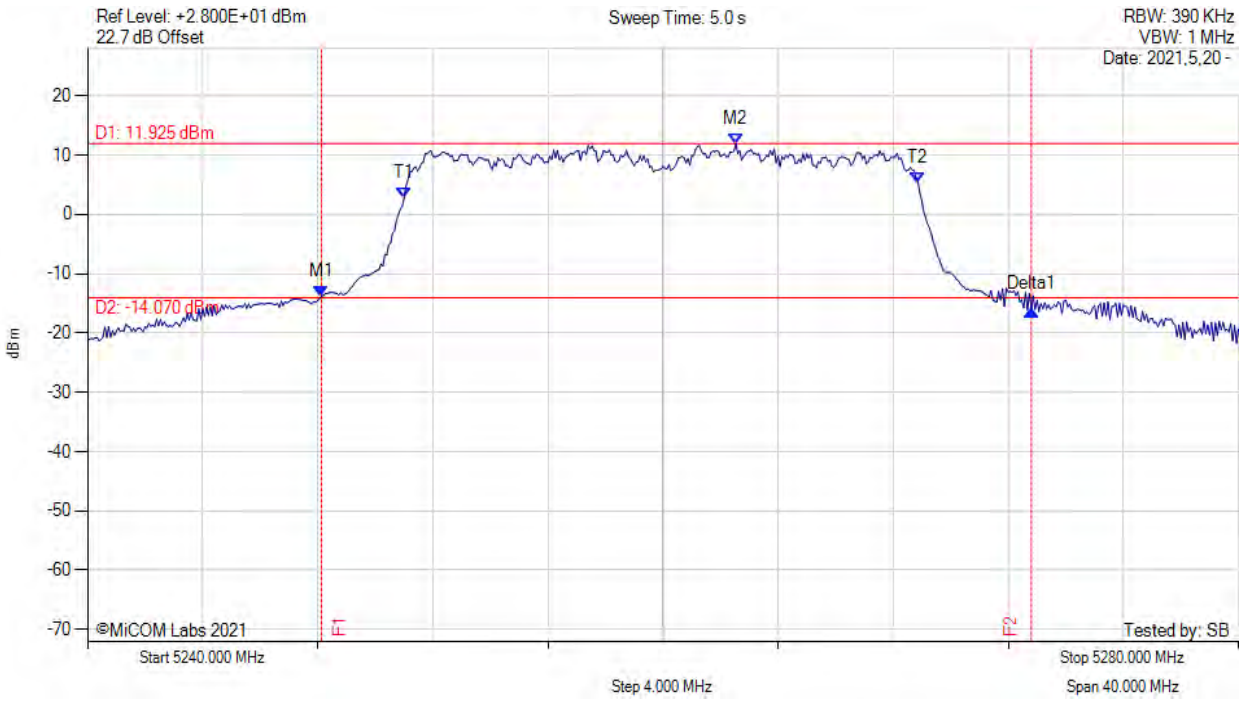
26 dB & 99% BANDWIDTH

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

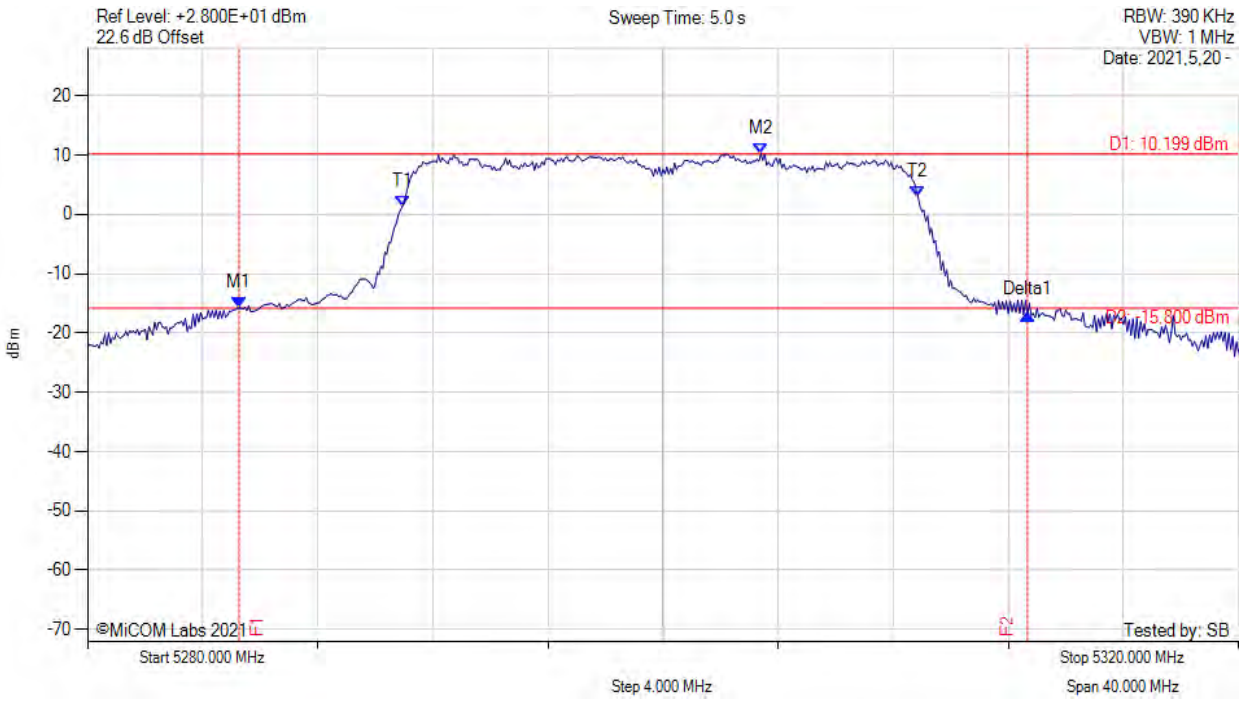


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5248.130 MHz : -13.799 dBm M2 : 5262.530 MHz : 11.925 dBm Delta1 : 24.670 MHz : -2.293 dB T1 : 5251.000 MHz : 2.715 dBm T2 : 5268.867 MHz : 5.346 dBm OBW : 17.921 MHz	Measured 26 dB Bandwidth: 24.670 MHz Measured 99% Bandwidth: 17.921 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

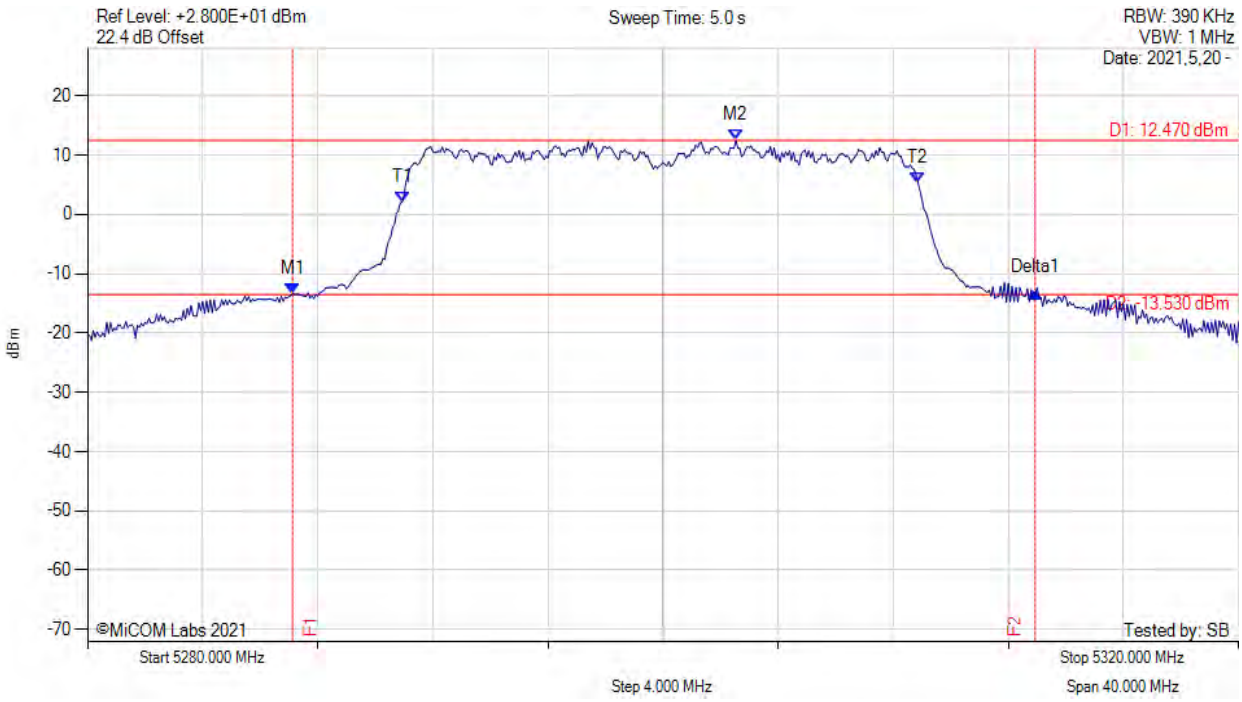


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5285.270 MHz : -15.798 dBm M2 : 5303.400 MHz : 10.199 dBm Delta1 : 27.400 MHz : -1.120 dB T1 : 5290.933 MHz : 1.269 dBm T2 : 5308.867 MHz : 2.985 dBm OBW : 18.014 MHz	Measured 26 dB Bandwidth: 27.400 MHz Measured 99% Bandwidth: 18.014 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

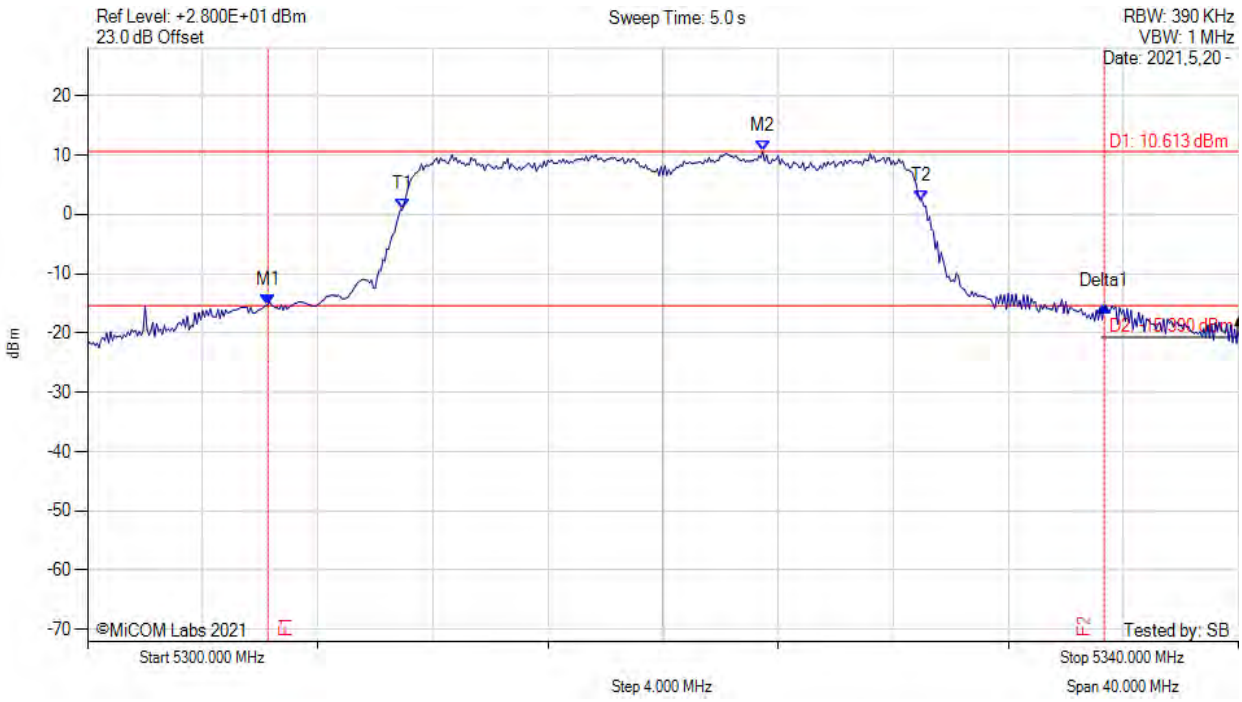


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5287.130 MHz : -13.417 dBm M2 : 5302.530 MHz : 12.470 dBm Delta1 : 25.800 MHz : 0.161 dB T1 : 5290.933 MHz : 2.097 dBm T2 : 5308.867 MHz : 5.313 dBm OBW : 17.944 MHz	Measured 26 dB Bandwidth: 25.800 MHz Measured 99% Bandwidth: 17.944 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

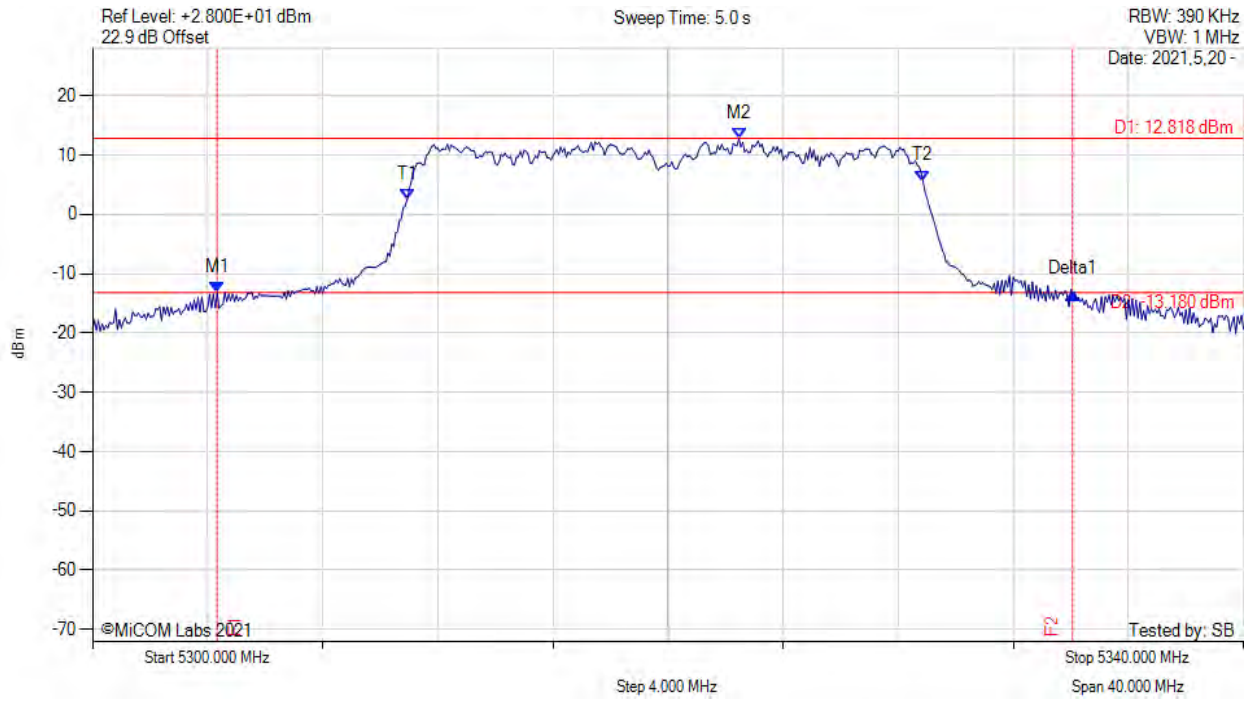


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5306.270 MHz : -15.255 dBm M2 : 5323.470 MHz : 10.613 dBm Delta1 : 29.070 MHz : -0.313 dB T1 : 5310.933 MHz : 0.760 dBm T2 : 5329.000 MHz : 2.364 dBm OBW : 18.098 MHz	Measured 26 dB Bandwidth: 29.070 MHz Measured 99% Bandwidth: 18.098 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

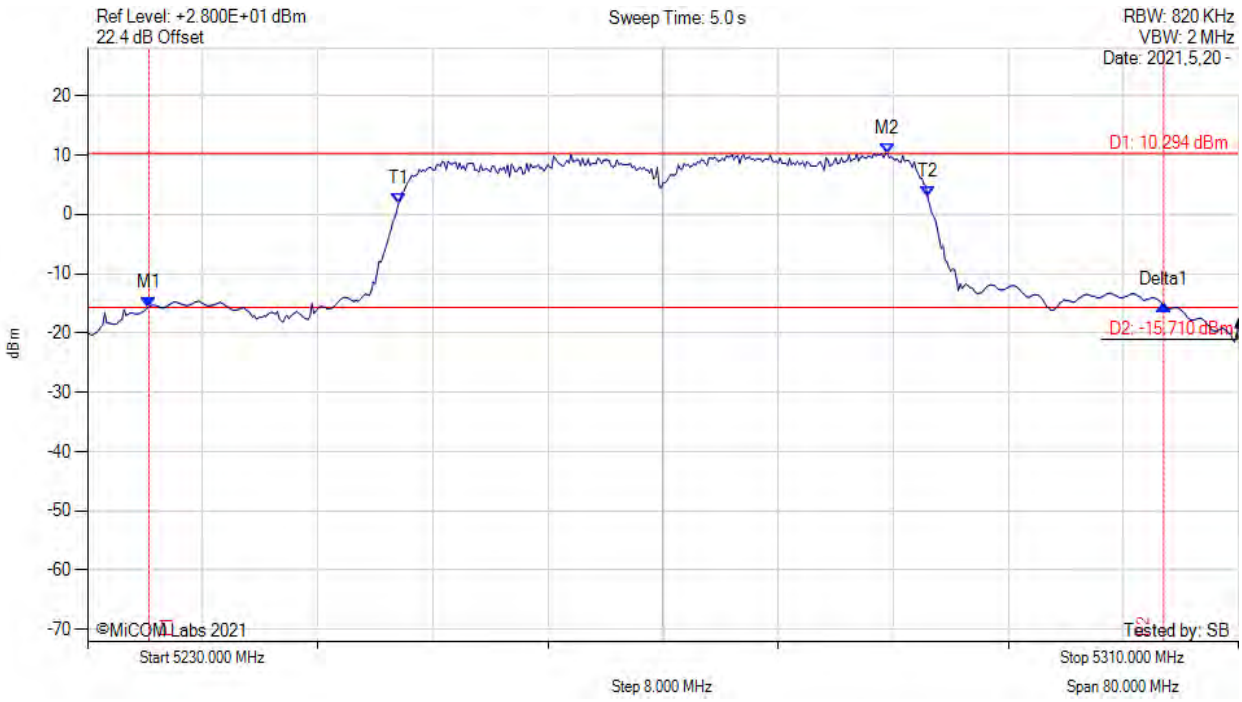


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5304.330 MHz : -13.132 dBm M2 : 5322.470 MHz : 12.818 dBm Delta1 : 29.730 MHz : -0.242 dB T1 : 5310.933 MHz : 2.462 dBm T2 : 5328.867 MHz : 5.650 dBm OBW : 17.991 MHz	Measured 26 dB Bandwidth: 29.730 MHz Measured 99% Bandwidth: 17.991 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

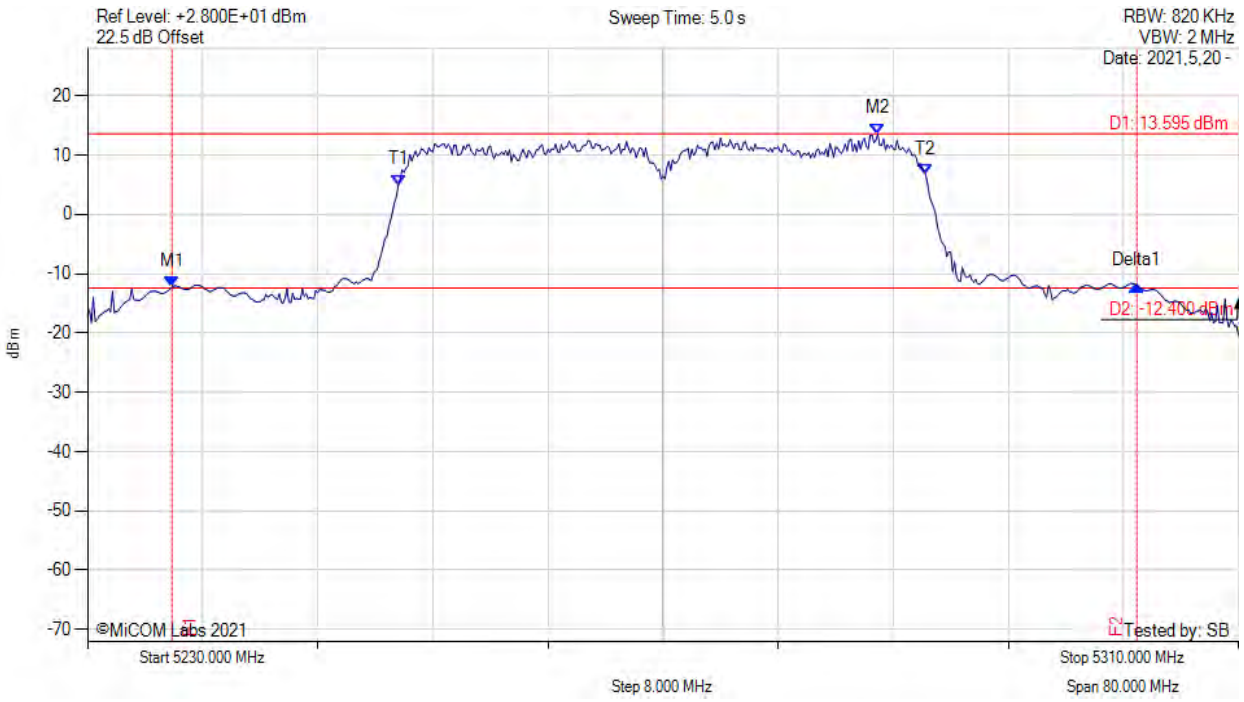


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5234.270 MHz : -15.646 dBm M2 : 5285.600 MHz : 10.294 dBm Delta1 : 70.530 MHz : 0.347 dB T1 : 5251.600 MHz : 1.783 dBm T2 : 5288.400 MHz : 2.928 dBm OBW : 37.018 MHz	Measured 26 dB Bandwidth: 70.530 MHz Measured 99% Bandwidth: 37.018 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

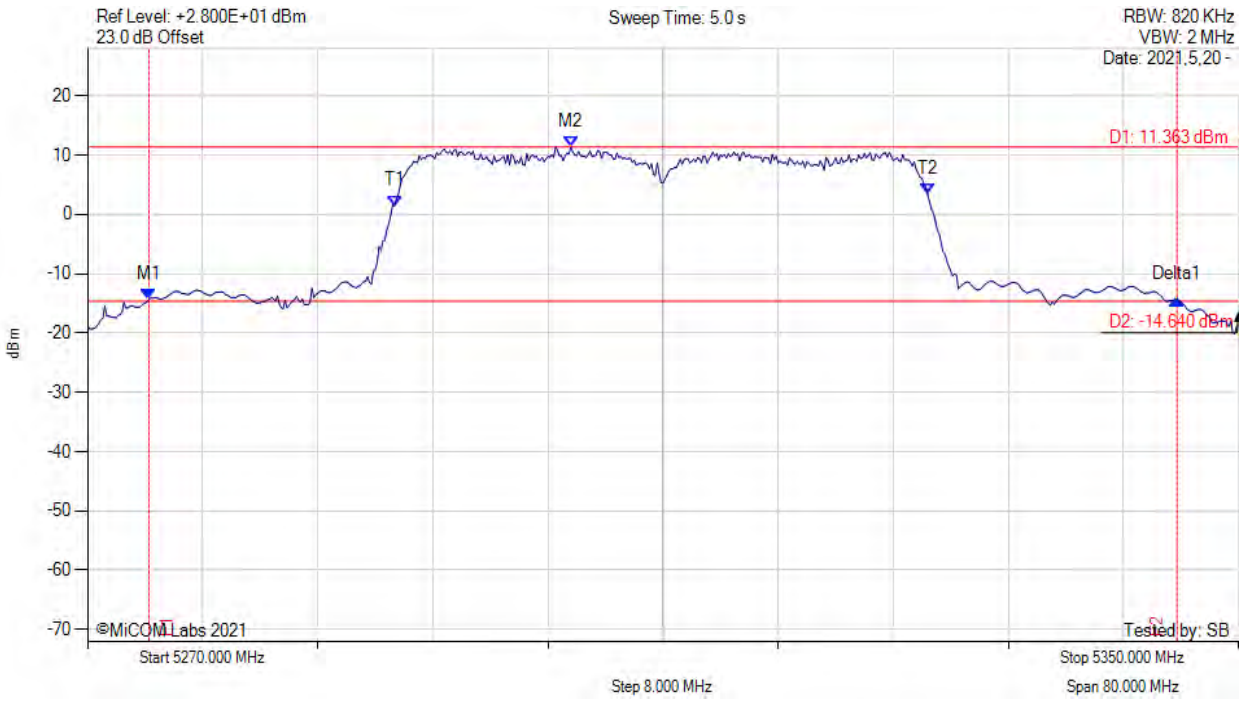


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5235.870 MHz : -12.285 dBm M2 : 5284.930 MHz : 13.595 dBm Delta1 : 67.070 MHz : 0.320 dB T1 : 5251.600 MHz : 4.946 dBm T2 : 5288.267 MHz : 6.700 dBm OBW : 36.802 MHz	Measured 26 dB Bandwidth: 67.070 MHz Measured 99% Bandwidth: 36.802 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

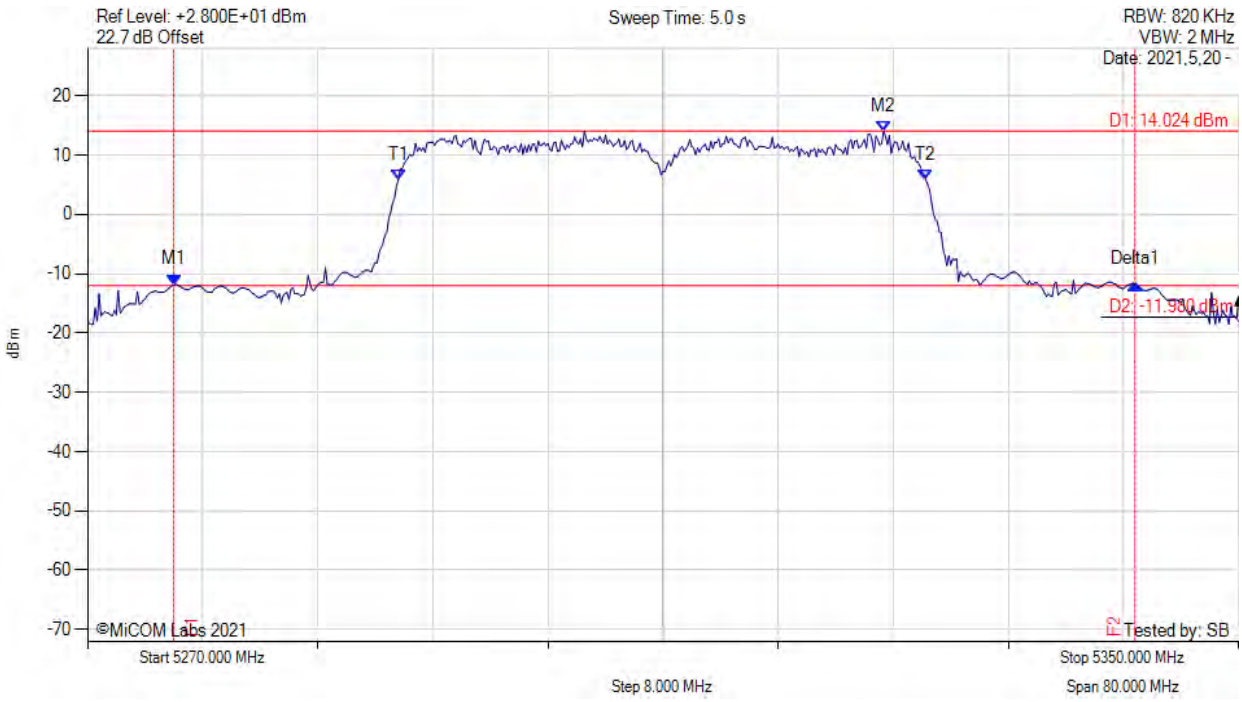


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5274.270 MHz : -14.300 dBm M2 : 5303.600 MHz : 11.363 dBm Delta1 : 71.470 MHz : -0.090 dB T1 : 5291.333 MHz : 1.457 dBm T2 : 5328.400 MHz : 3.346 dBm OBW : 37.230 MHz	Measured 26 dB Bandwidth: 71.470 MHz Measured 99% Bandwidth: 37.230 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

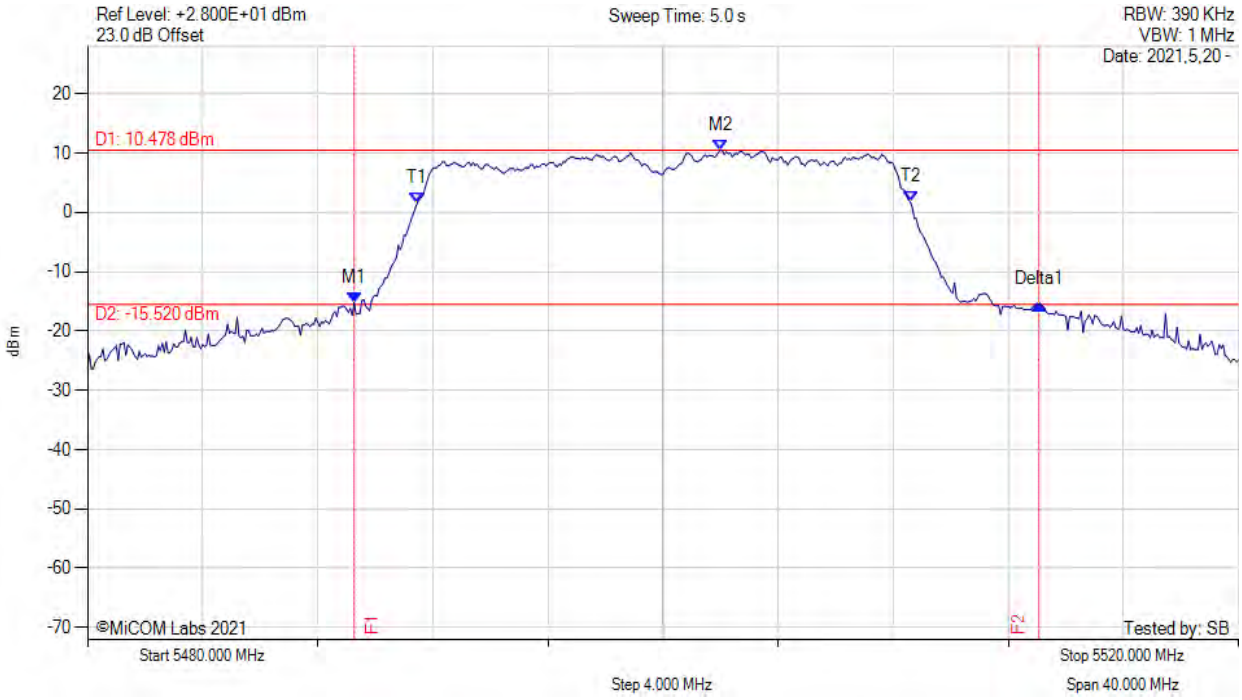


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5276.000 MHz : -11.873 dBm M2 : 5325.330 MHz : 14.024 dBm Delta1 : 66.800 MHz : 0.117 dB T1 : 5291.600 MHz : 5.826 dBm T2 : 5328.267 MHz : 5.818 dBm OBW : 36.773 MHz	Measured 26 dB Bandwidth: 66.800 MHz Measured 99% Bandwidth: 36.773 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

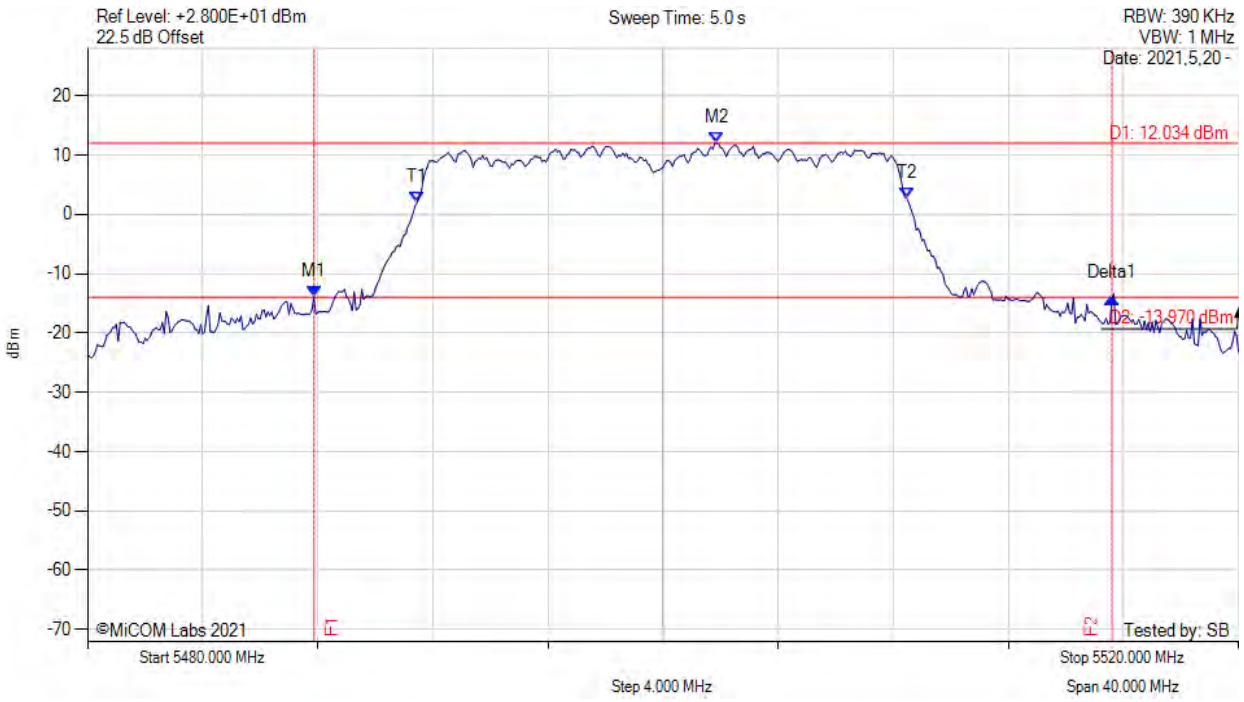


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5489.270 MHz : -15.222 dBm M2 : 5502.000 MHz : 10.478 dBm Delta1 : 23.800 MHz : -0.277 dB T1 : 5491.467 MHz : 1.660 dBm T2 : 5508.600 MHz : 1.722 dBm OBW : 17.130 MHz	Measured 26 dB Bandwidth: 23.800 MHz Measured 99% Bandwidth: 17.130 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

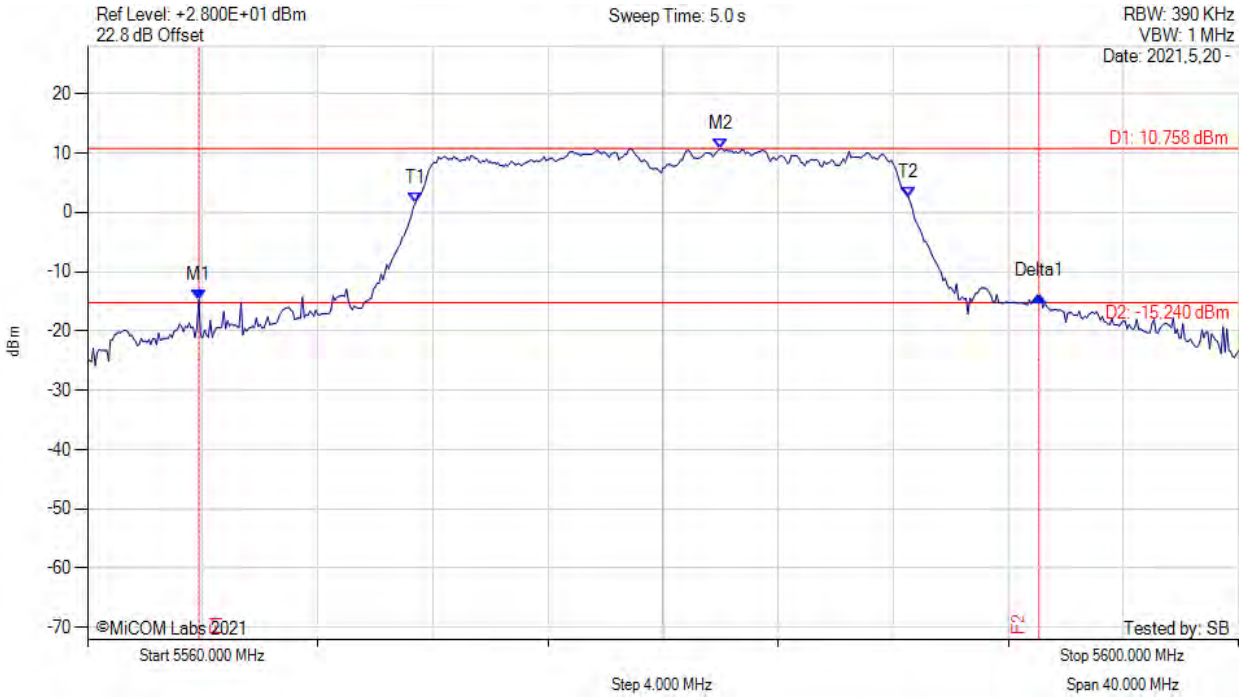


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5487.870 MHz : -13.882 dBm M2 : 5501.870 MHz : 12.034 dBm Delta1 : 27.730 MHz : -0.192 dB T1 : 5491.467 MHz : 2.030 dBm T2 : 5508.467 MHz : 2.794 dBm OBW : 17.036 MHz	Measured 26 dB Bandwidth: 27.730 MHz Measured 99% Bandwidth: 17.036 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

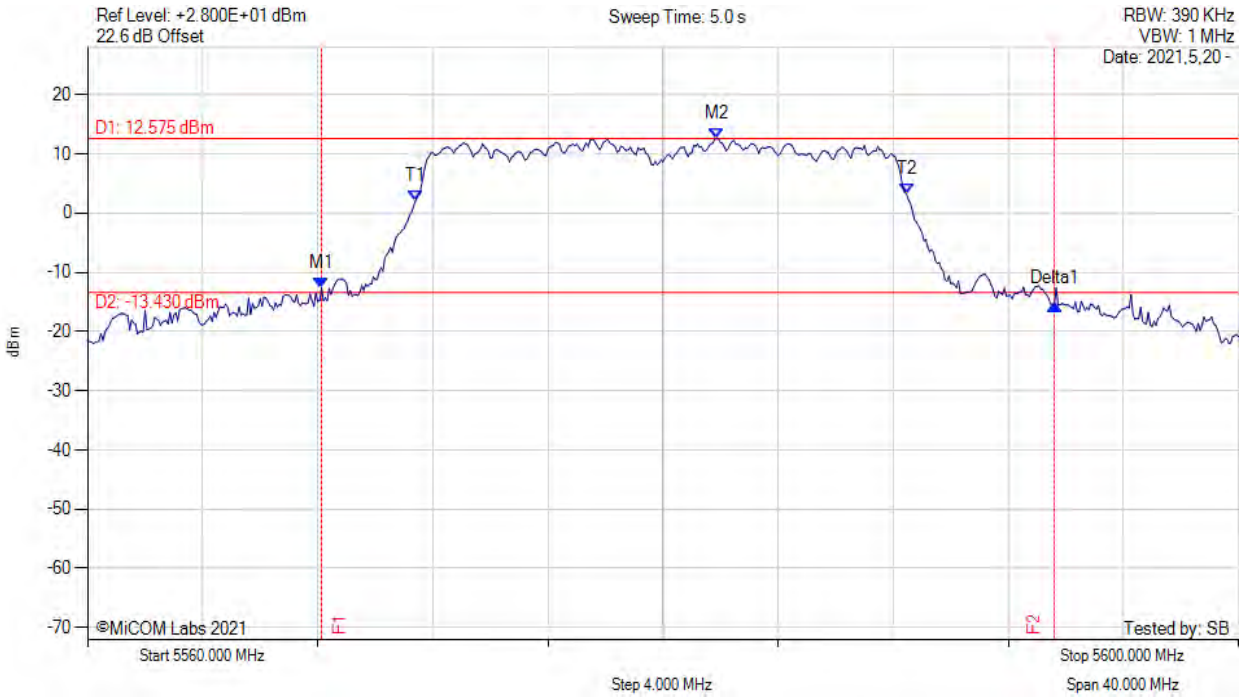


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5563.870 MHz : -14.783 dBm M2 : 5582.000 MHz : 10.758 dBm Delta1 : 29.200 MHz : 0.590 dB T1 : 5571.400 MHz : 1.577 dBm T2 : 5588.533 MHz : 2.485 dBm OBW : 17.137 MHz	Measured 26 dB Bandwidth: 29.200 MHz Measured 99% Bandwidth: 17.137 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

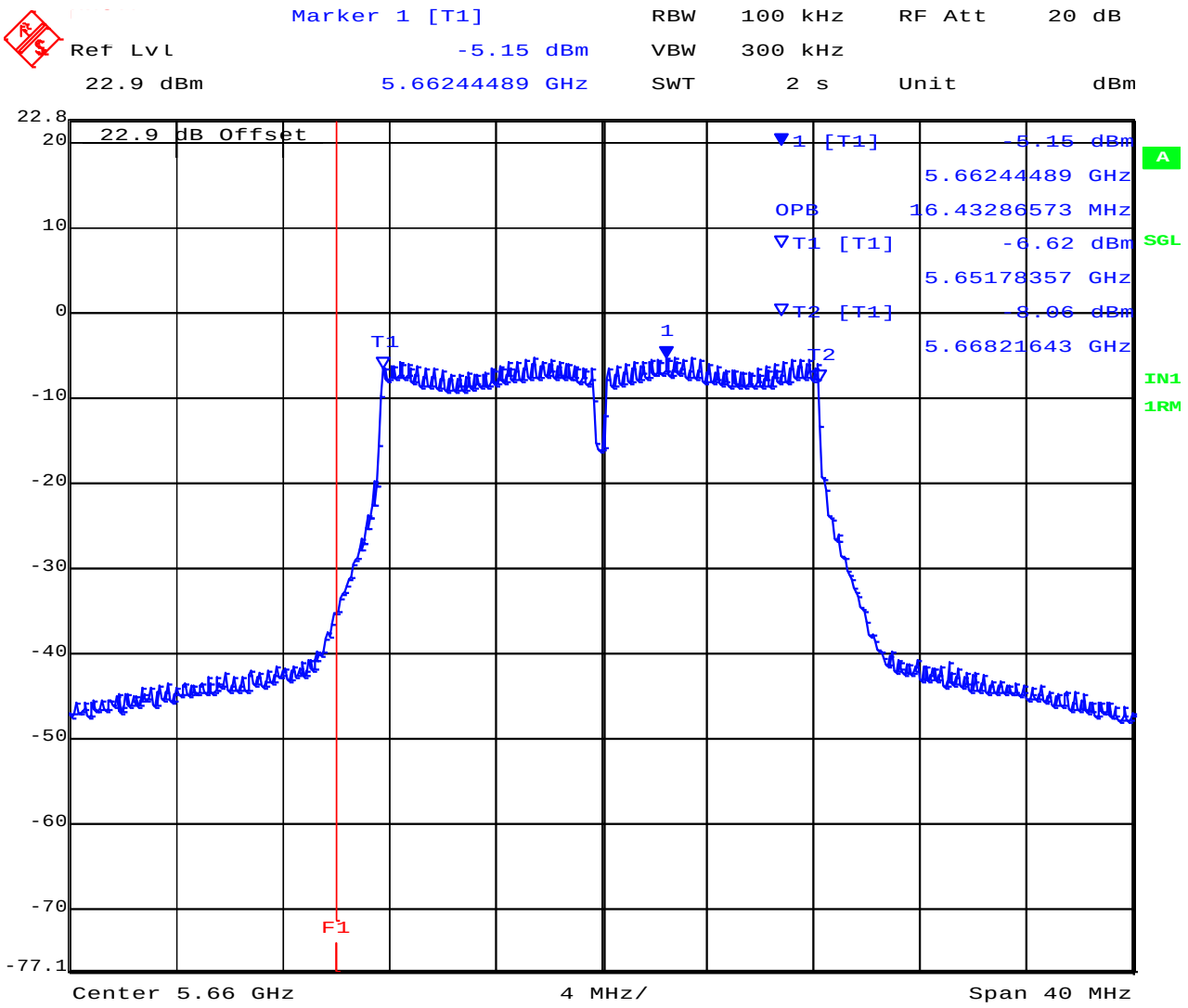


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5568.130 MHz : -12.631 dBm M2 : 5581.870 MHz : 12.575 dBm Delta1 : 25.470 MHz : -2.746 dB T1 : 5571.400 MHz : 2.040 dBm T2 : 5588.467 MHz : 3.174 dBm OBW : 17.037 MHz	Measured 26 dB Bandwidth: 25.470 MHz Measured 99% Bandwidth: 17.037 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5660.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



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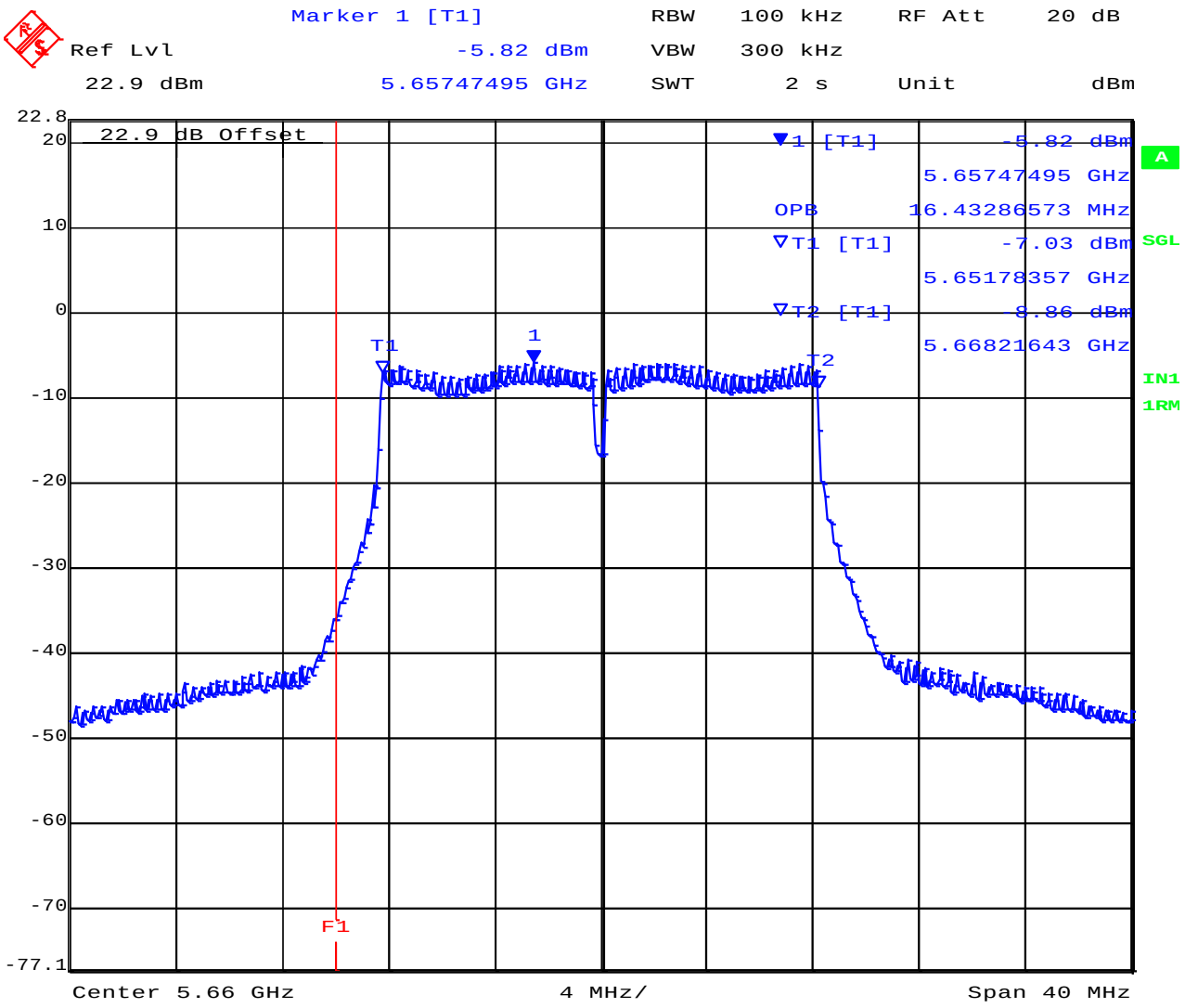
back to matrix

26 dB & 99% BANDWIDTH

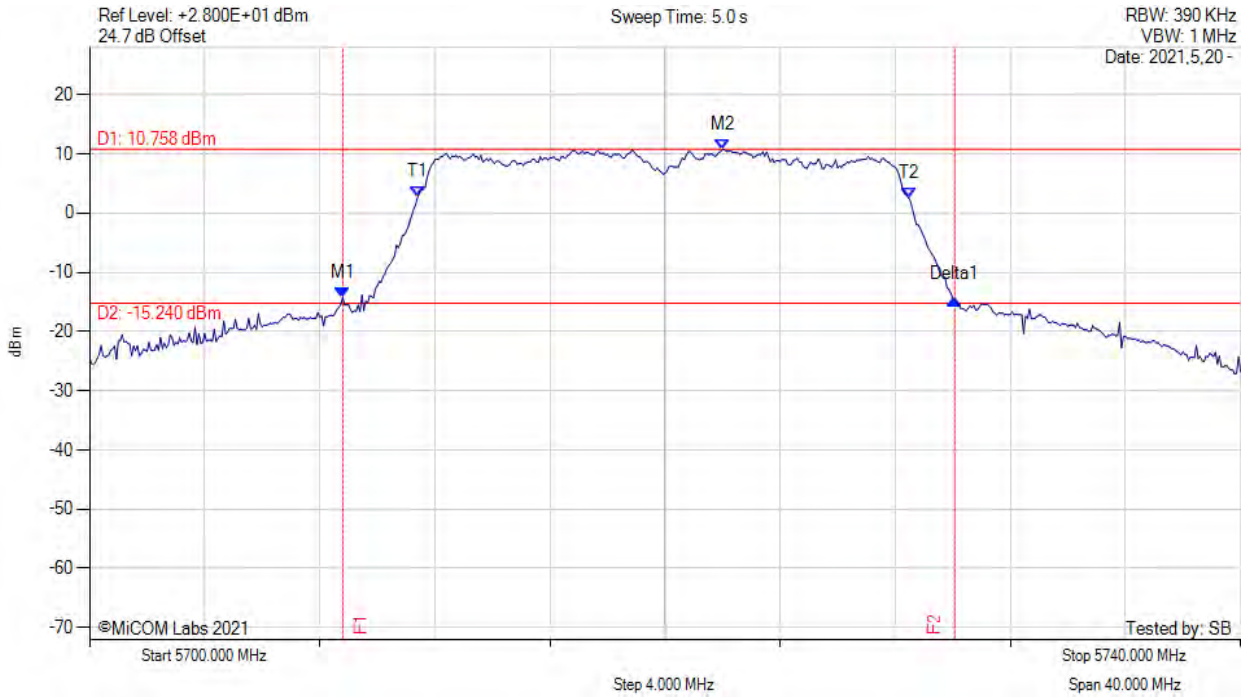
Variant: 802.11a, Channel: 5660.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5720.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

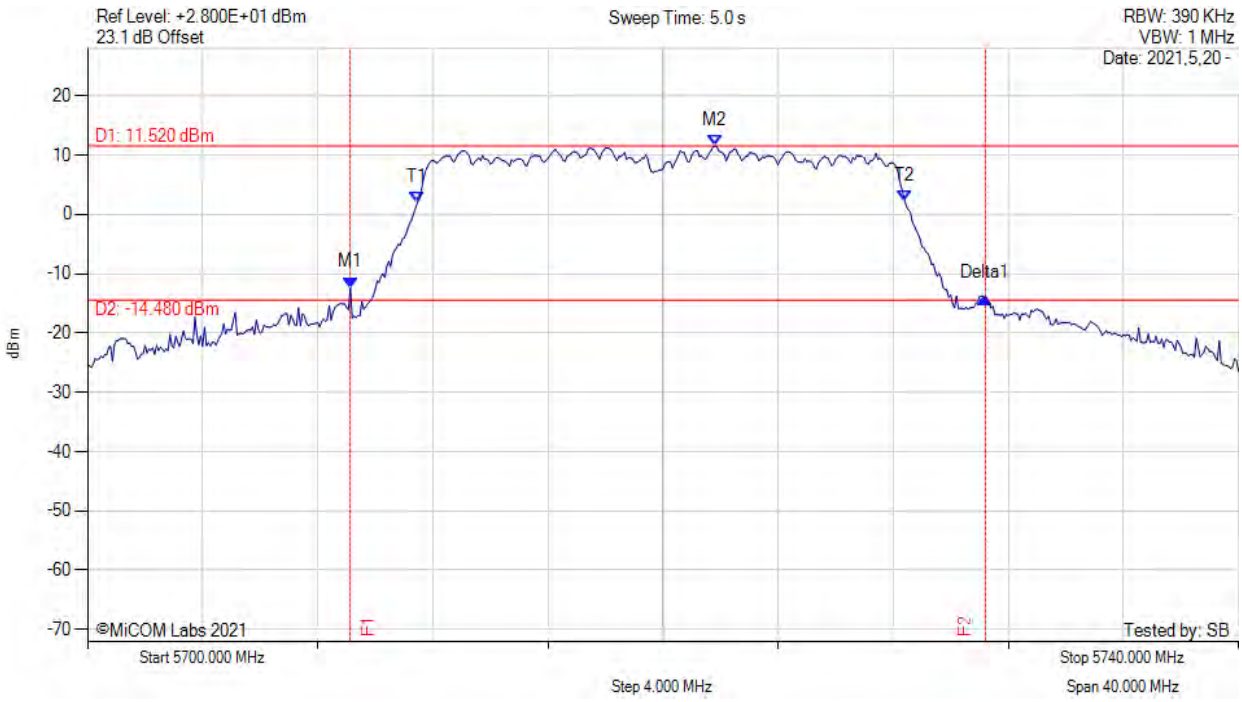


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5708.800 MHz : -14.269 dBm M2 : 5722.000 MHz : 10.758 dBm Delta1 : 21.270 MHz : -0.385 dB T1 : 5711.400 MHz : 2.629 dBm T2 : 5728.467 MHz : 2.557 dBm OBW : 17.084 MHz	Measured 26 dB Bandwidth: 21.270 MHz Measured 99% Bandwidth: 17.084 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5720.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

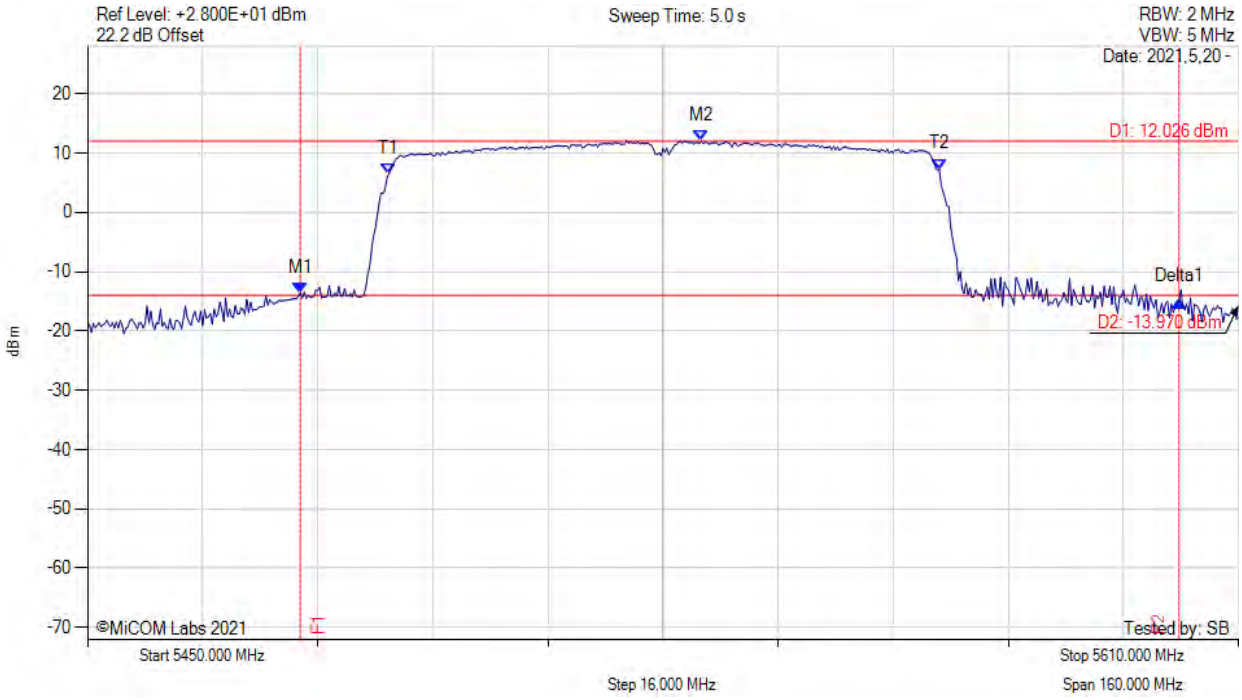


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5709.130 MHz : -12.347 dBm M2 : 5721.800 MHz : 11.520 dBm Delta1 : 22.070 MHz : -1.679 dB T1 : 5711.467 MHz : 2.047 dBm T2 : 5728.400 MHz : 2.265 dBm OBW : 16.877 MHz	Measured 26 dB Bandwidth: 22.070 MHz Measured 99% Bandwidth: 16.877 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

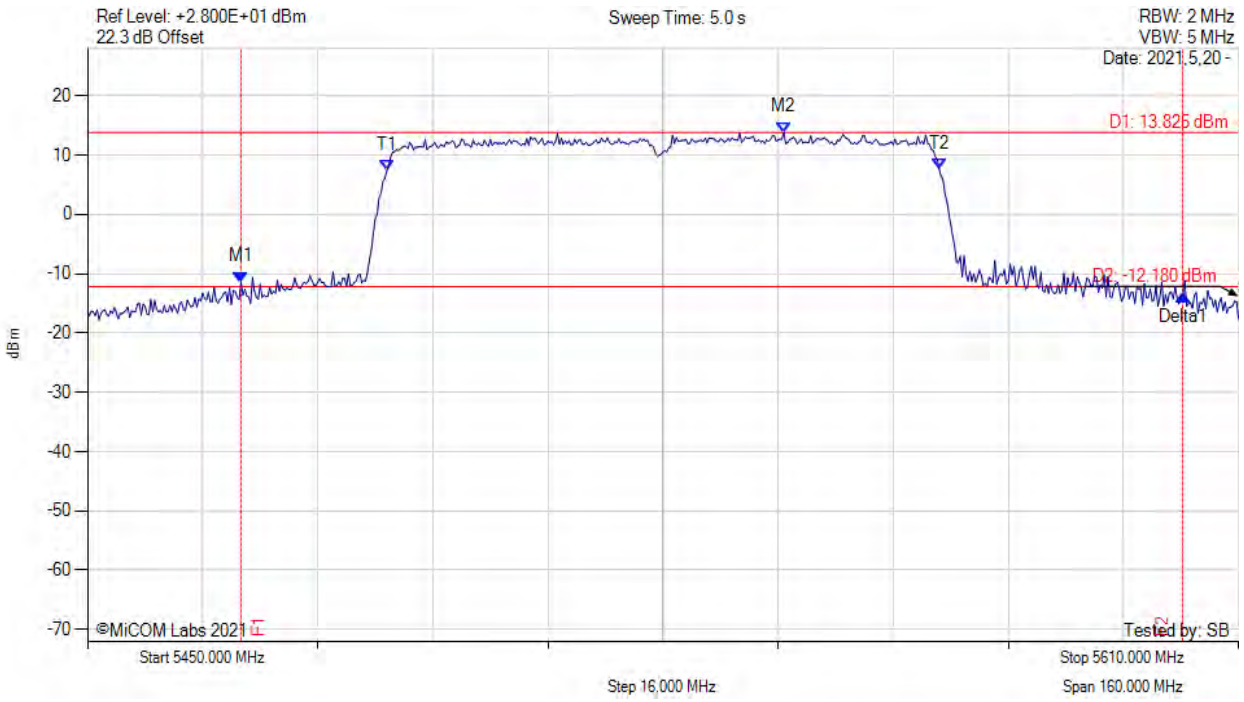


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5479.600 MHz : -13.610 dBm M2 : 5535.330 MHz : 12.026 dBm Delta1 : 122.130 MHz : -1.492 dB T1 : 5491.867 MHz : 6.569 dBm T2 : 5568.400 MHz : 7.274 dBm OBW : 76.577 MHz	Measured 26 dB Bandwidth: 122.130 MHz Measured 99% Bandwidth: 76.577 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

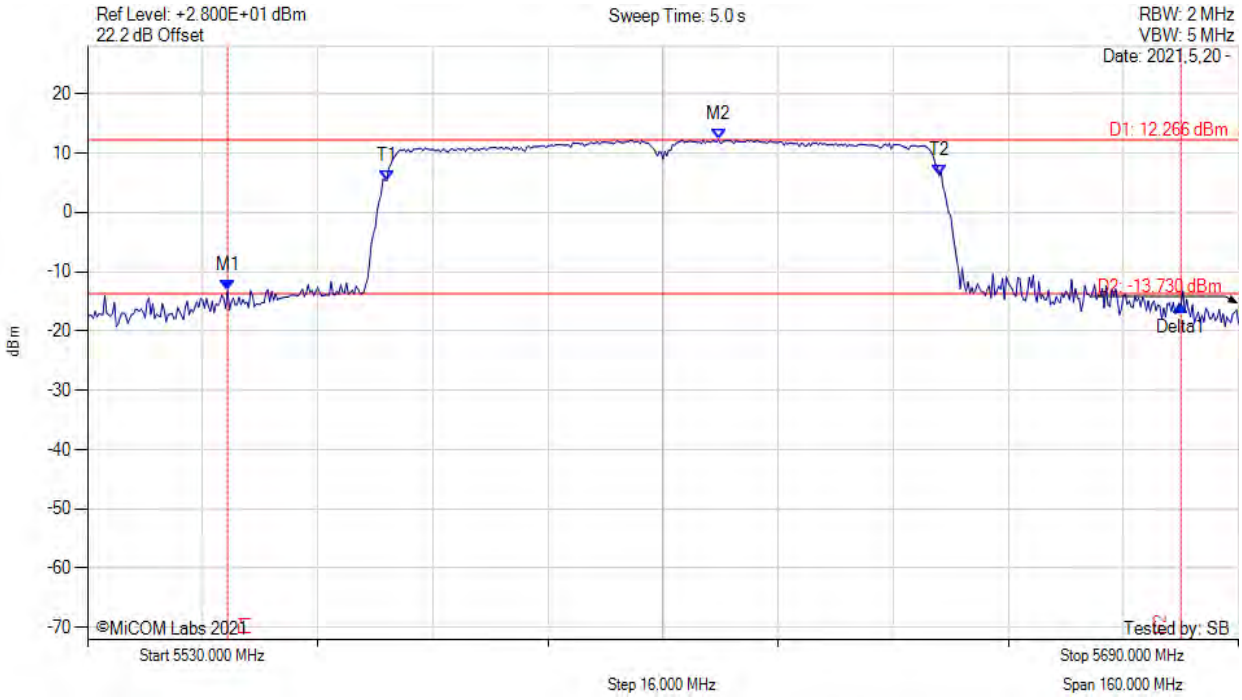


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5471.330 MHz : -11.406 dBm M2 : 5546.800 MHz : 13.825 dBm Delta1 : 130.930 MHz : -2.255 dB T1 : 5491.600 MHz : 7.333 dBm T2 : 5568.400 MHz : 7.624 dBm OBW : 76.824 MHz	Measured 26 dB Bandwidth: 130.930 MHz Measured 99% Bandwidth: 76.824 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5610.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

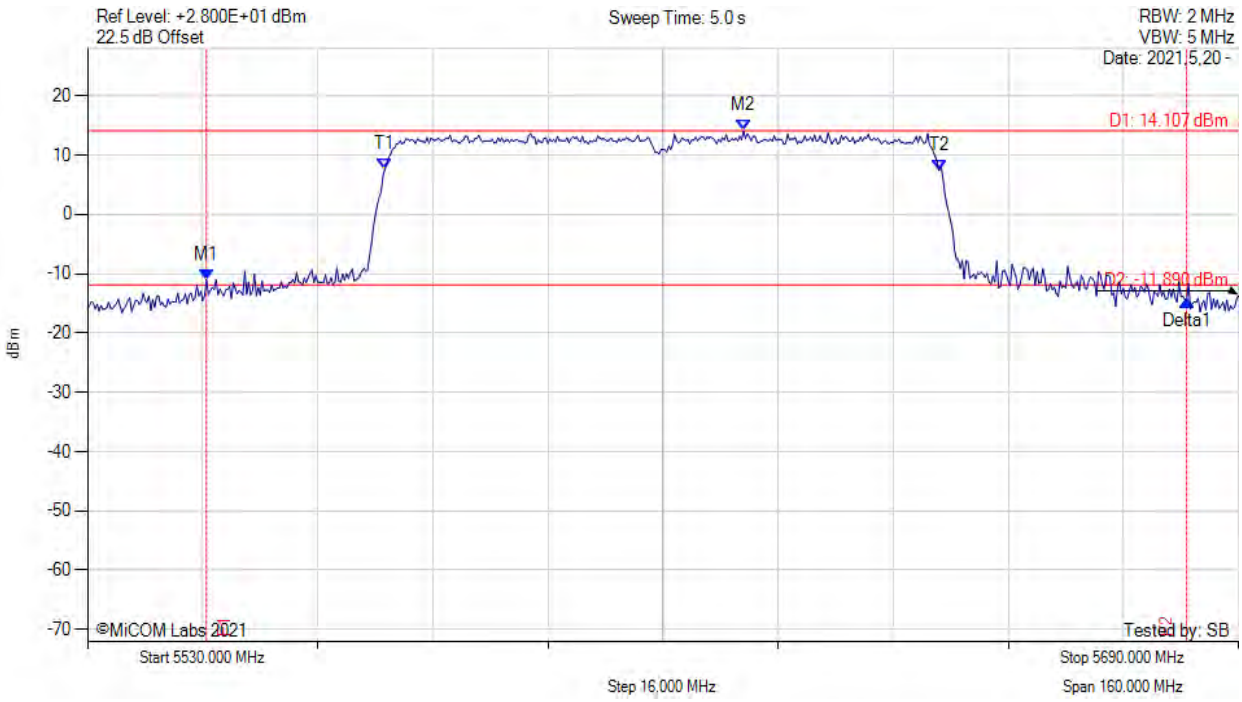


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5549.470 MHz : -13.176 dBm M2 : 5617.730 MHz : 12.266 dBm Delta1 : 132.530 MHz : -2.653 dB T1 : 5571.600 MHz : 5.379 dBm T2 : 5648.400 MHz : 6.159 dBm OBW : 76.802 MHz	Measured 26 dB Bandwidth: 132.530 MHz Measured 99% Bandwidth: 76.802 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5610.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

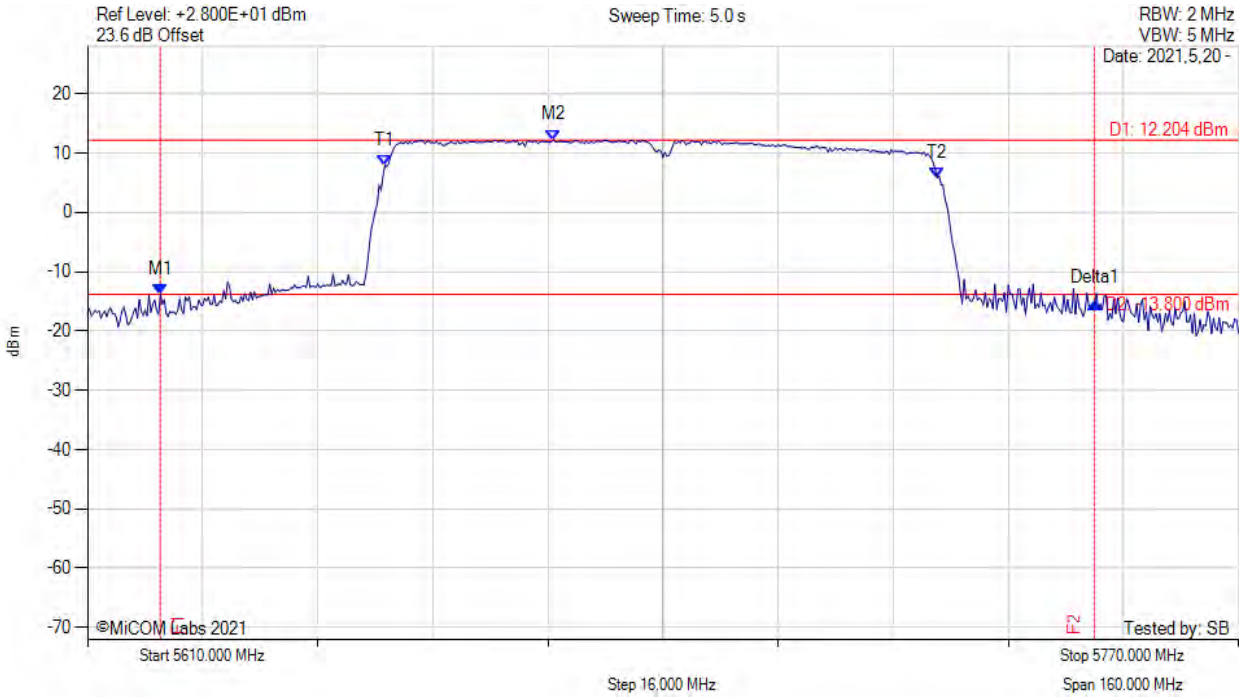


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5546.530 MHz : -11.073 dBm M2 : 5621.200 MHz : 14.107 dBm Delta1 : 136.270 MHz : -3.362 dB T1 : 5571.333 MHz : 7.657 dBm T2 : 5648.400 MHz : 7.413 dBm OBW : 76.994 MHz	Measured 26 dB Bandwidth: 136.270 MHz Measured 99% Bandwidth: 76.994 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

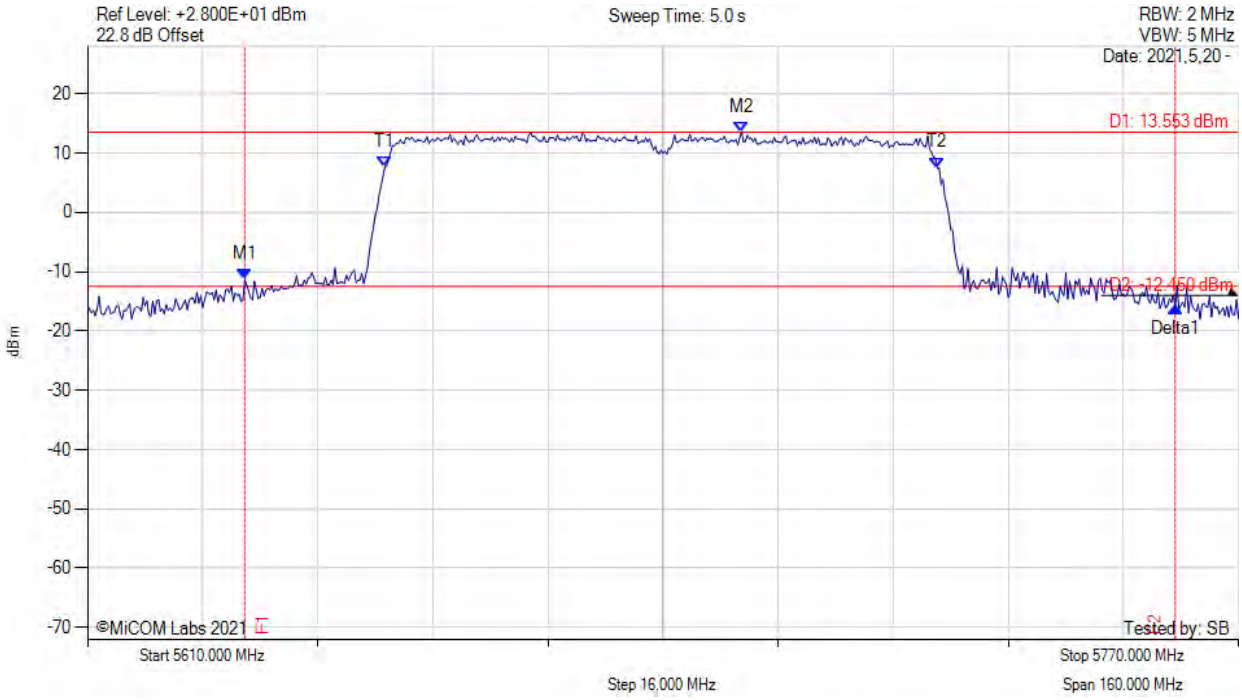


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5620.130 MHz : -13.793 dBm M2 : 5674.800 MHz : 12.204 dBm Delta1 : 129.870 MHz : -1.374 dB T1 : 5651.333 MHz : 7.860 dBm T2 : 5728.133 MHz : 5.810 dBm OBW : 76.820 MHz	Measured 26 dB Bandwidth: 129.870 MHz Measured 99% Bandwidth: 76.820 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

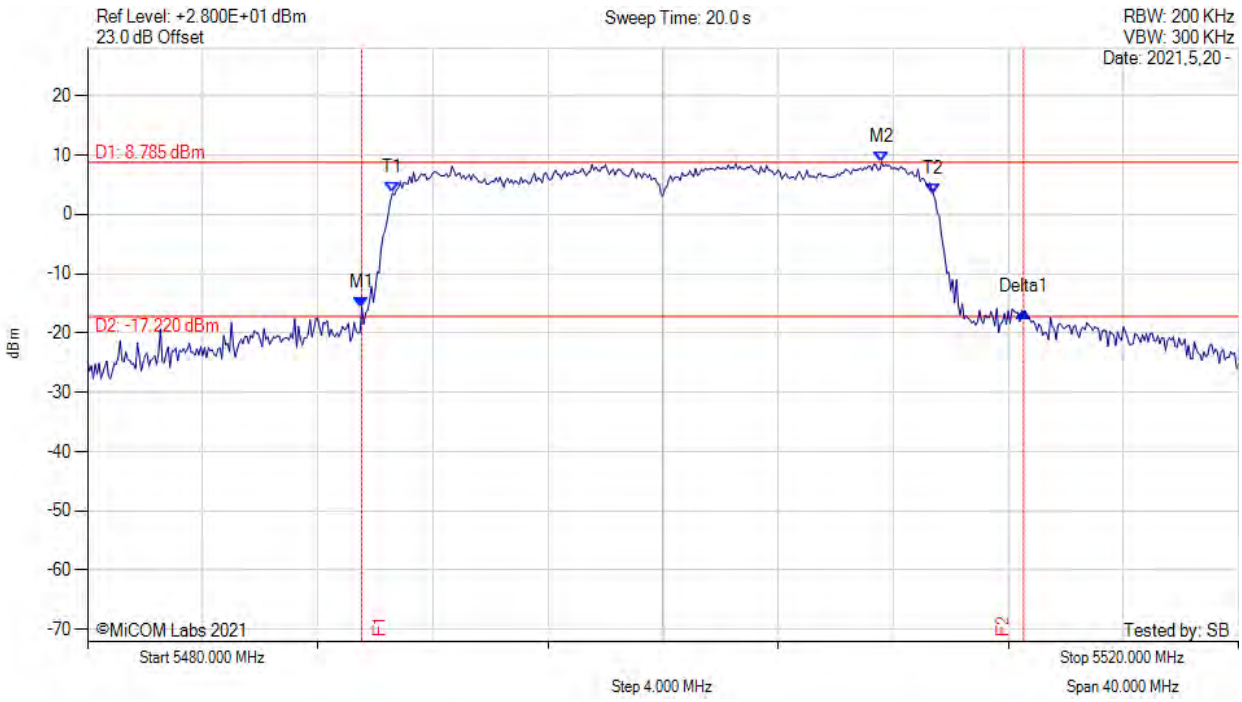


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5631.870 MHz : -11.309 dBm M2 : 5700.930 MHz : 13.553 dBm Delta1 : 129.330 MHz : -4.665 dB T1 : 5651.333 MHz : 7.667 dBm T2 : 5728.133 MHz : 7.520 dBm OBW : 76.789 MHz	Measured 26 dB Bandwidth: 129.330 MHz Measured 99% Bandwidth: 76.789 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

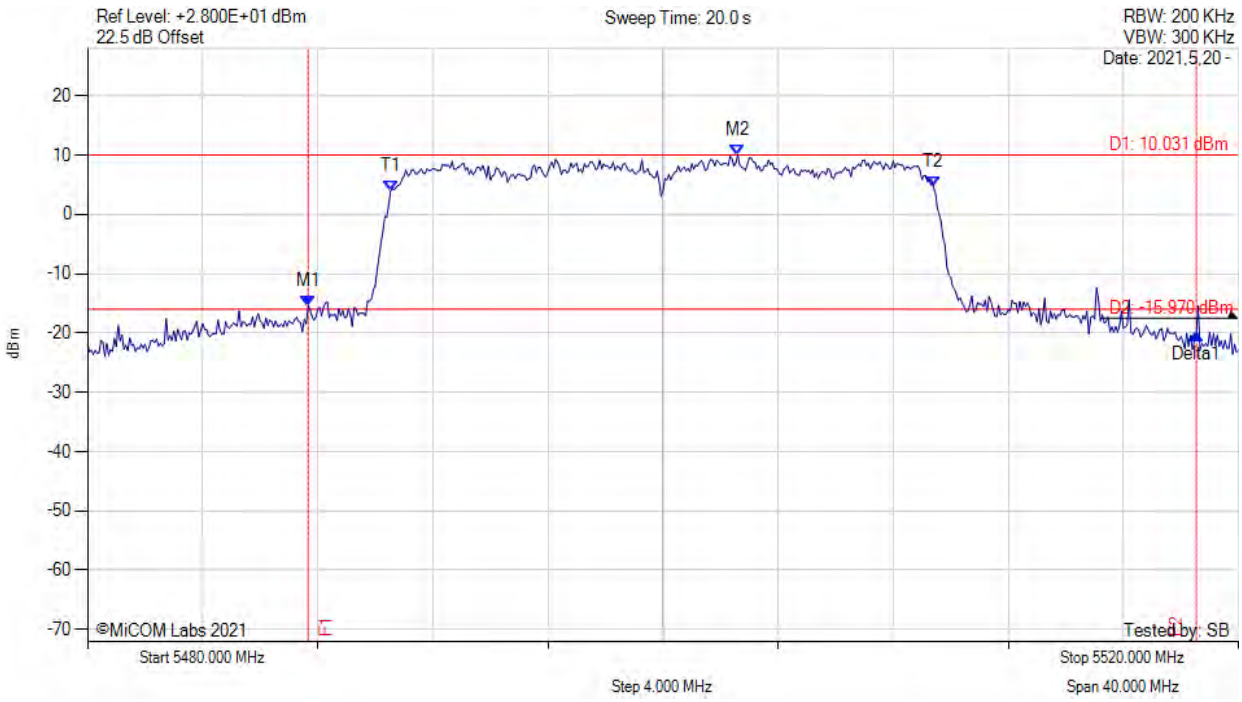


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5489.530 MHz : -15.670 dBm M2 : 5507.600 MHz : 8.785 dBm Delta1 : 23.000 MHz : -0.783 dB T1 : 5490.600 MHz : 3.596 dBm T2 : 5509.400 MHz : 3.351 dBm OBW : 18.820 MHz	Measured 26 dB Bandwidth: 23.000 MHz Measured 99% Bandwidth: 18.820 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

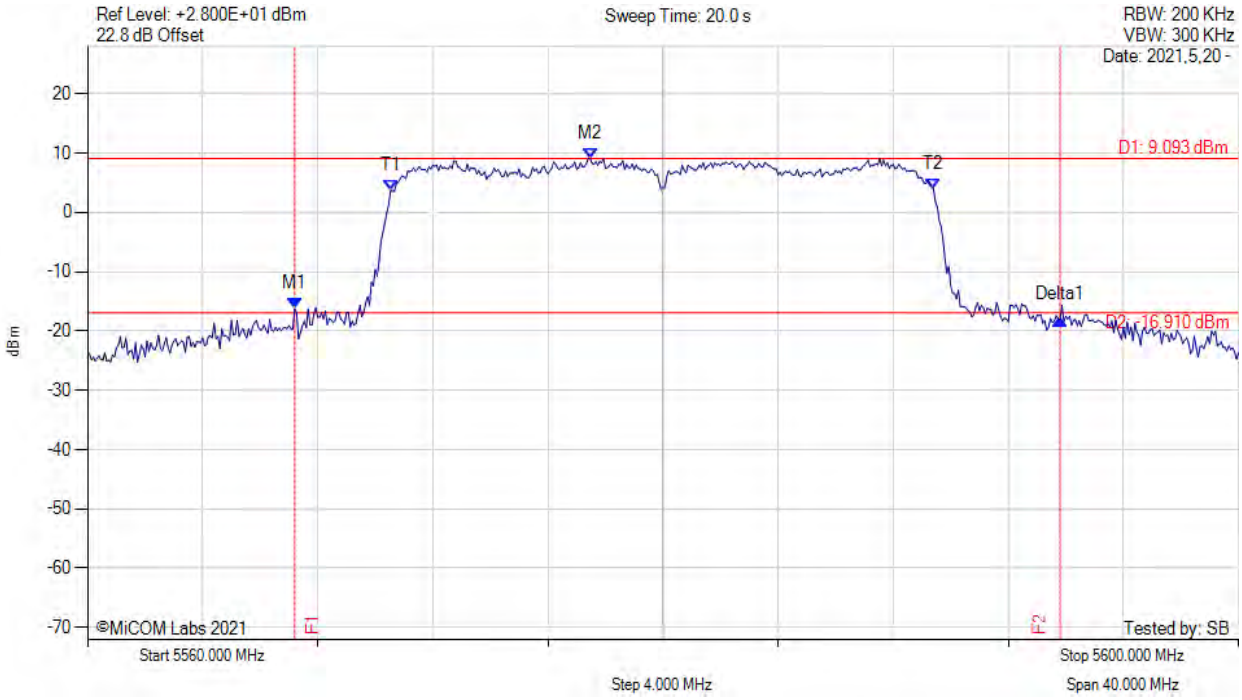


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5487.670 MHz : -15.400 dBm M2 : 5502.600 MHz : 10.031 dBm Delta1 : 30.870 MHz : -4.719 dB T1 : 5490.533 MHz : 3.909 dBm T2 : 5509.400 MHz : 4.525 dBm OBW : 18.879 MHz	Measured 26 dB Bandwidth: 30.870 MHz Measured 99% Bandwidth: 18.879 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

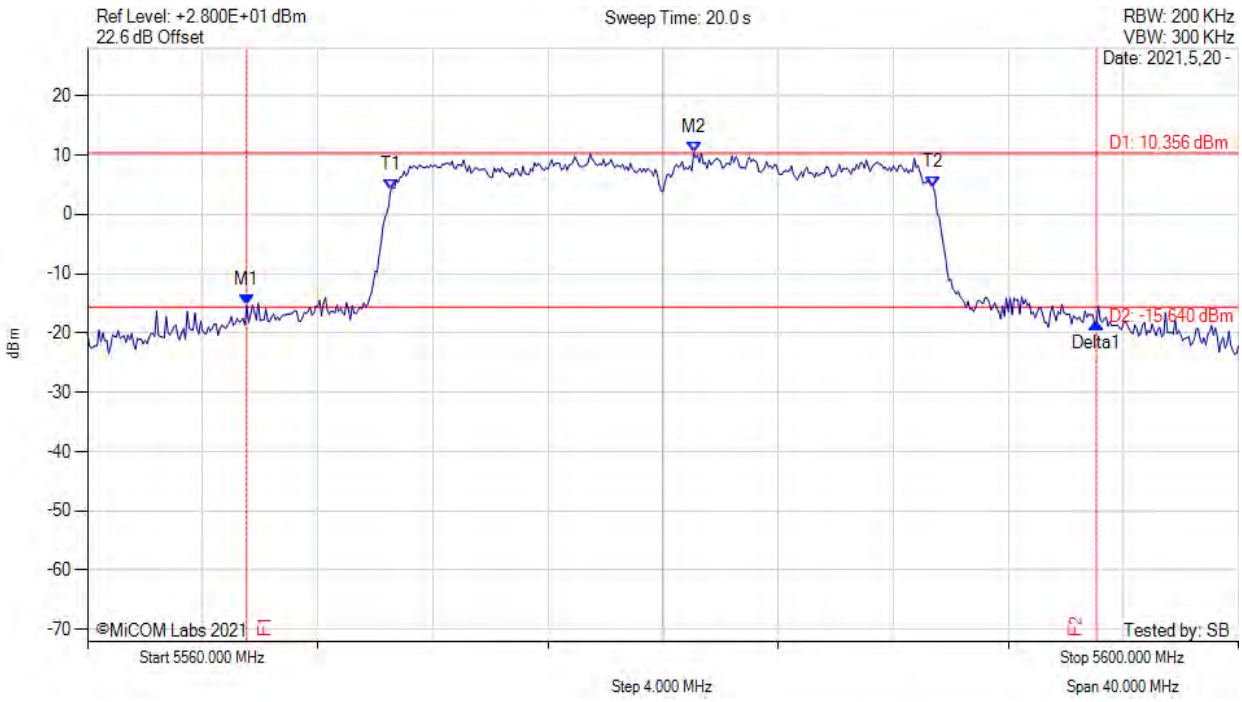


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5567.200 MHz : -16.261 dBm M2 : 5577.470 MHz : 9.093 dBm Delta1 : 26.600 MHz : -1.869 dB T1 : 5570.533 MHz : 3.703 dBm T2 : 5589.400 MHz : 3.993 dBm OBW : 18.832 MHz	Measured 26 dB Bandwidth: 26.600 MHz Measured 99% Bandwidth: 18.832 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

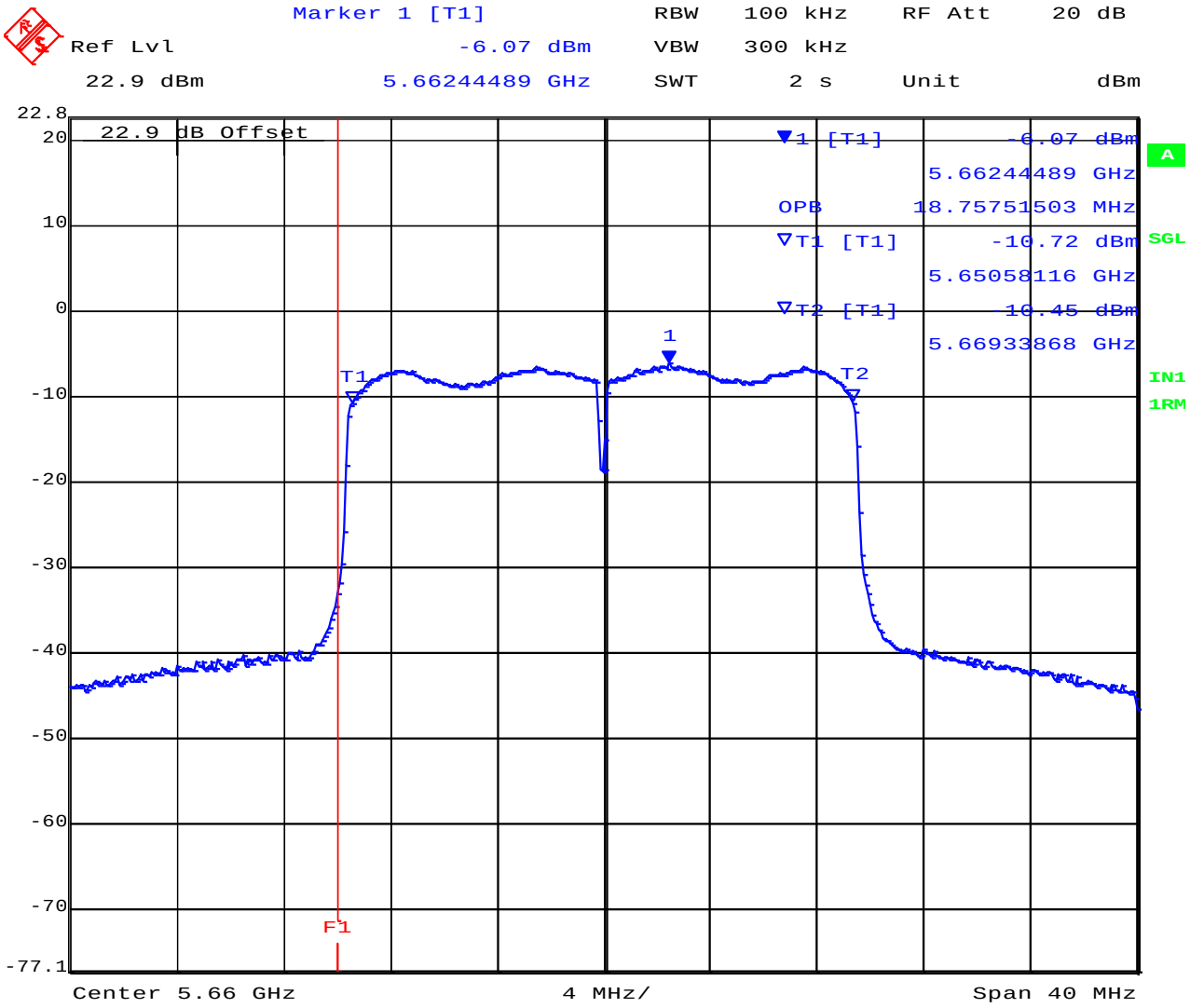


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5565.530 MHz : -15.330 dBm M2 : 5581.070 MHz : 10.356 dBm Delta1 : 29.530 MHz : -2.872 dB T1 : 5570.533 MHz : 4.054 dBm T2 : 5589.400 MHz : 4.556 dBm OBW : 18.848 MHz	Measured 26 dB Bandwidth: 29.530 MHz Measured 99% Bandwidth: 18.848 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-20, Channel: 5660.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



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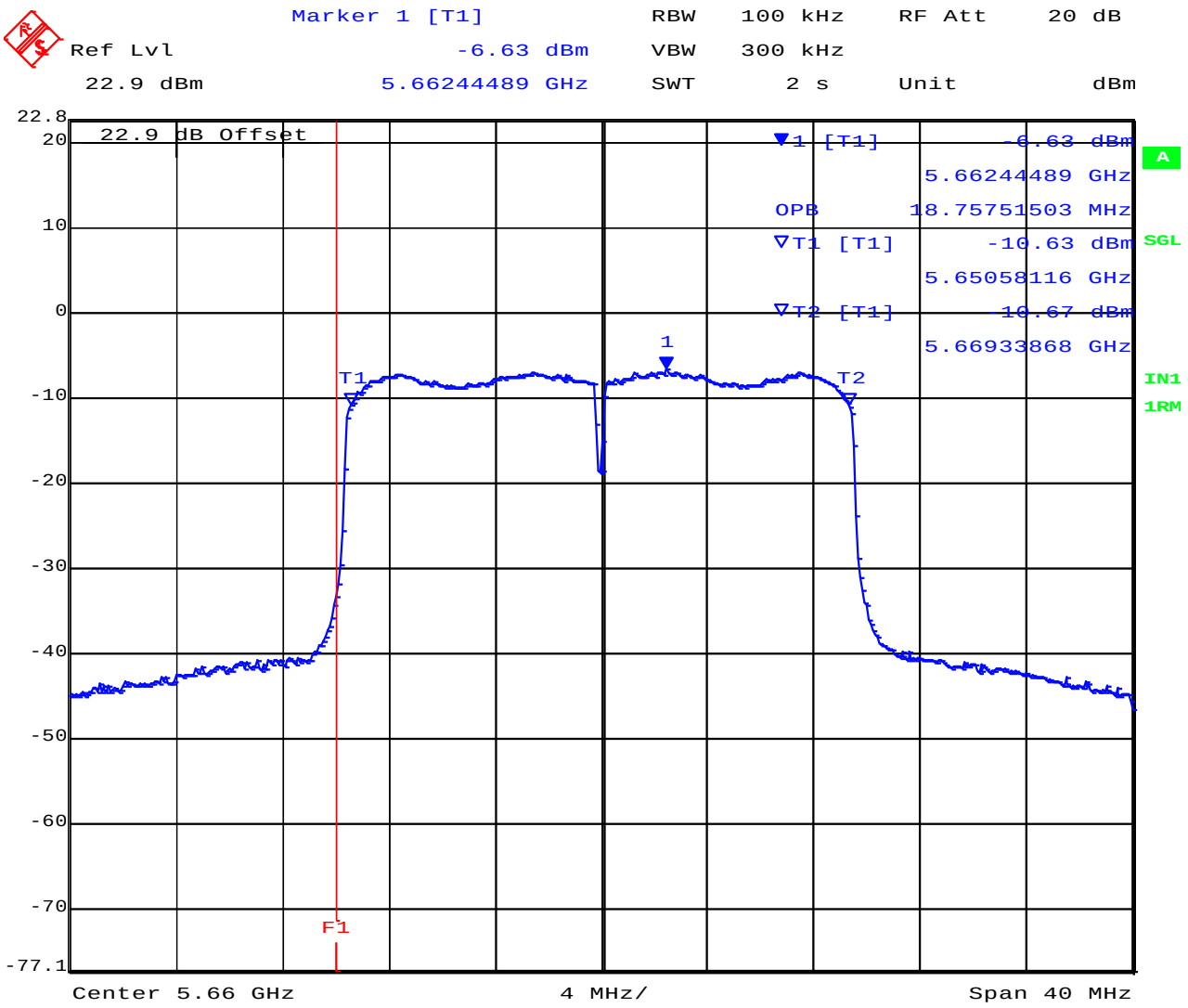
back to matrix

26 dB & 99% BANDWIDTH

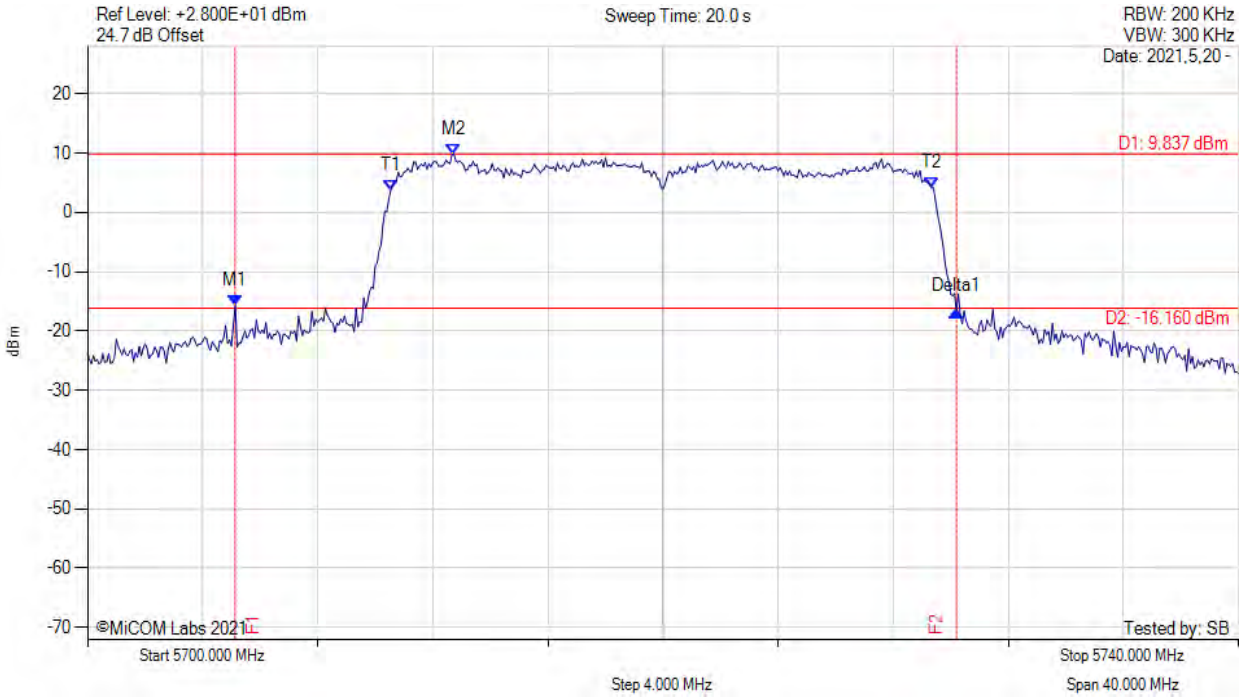
Variant: 802.11ax-20, Channel: 5660.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-20, Channel: 5720.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

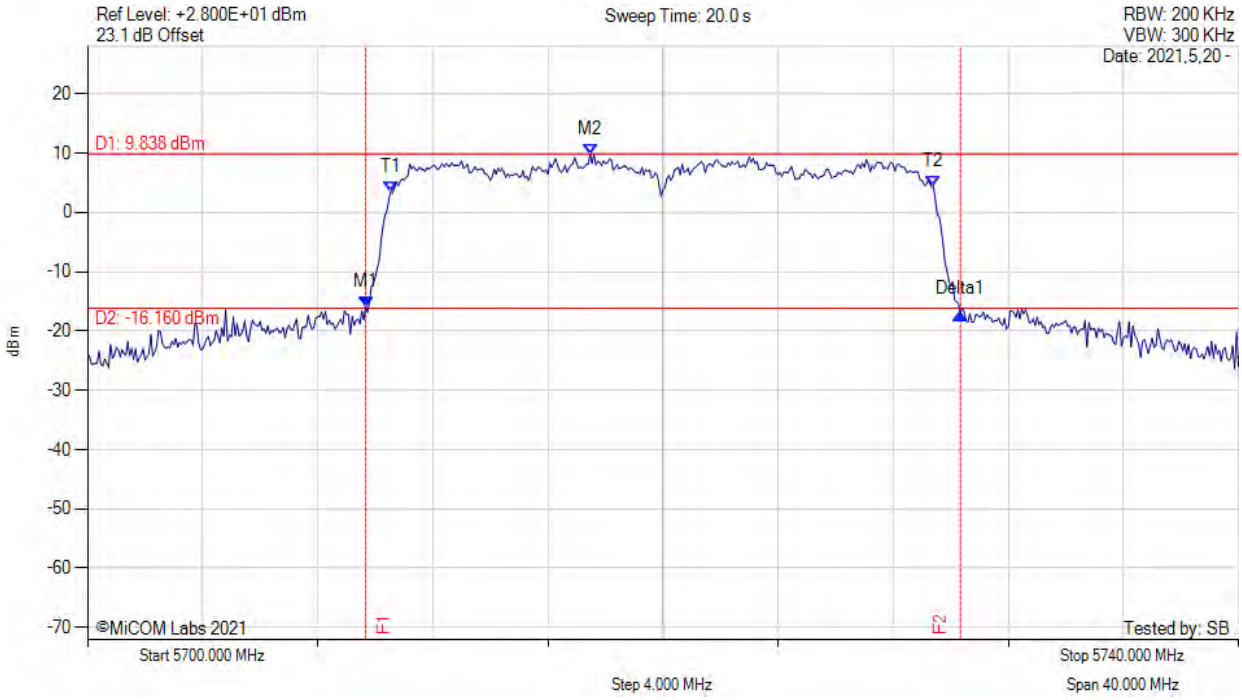


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5705.130 MHz : -15.721 dBm M2 : 5712.730 MHz : 9.837 dBm Delta1 : 25.070 MHz : -0.979 dB T1 : 5710.533 MHz : 3.681 dBm T2 : 5729.333 MHz : 4.113 dBm OBW : 18.810 MHz	Measured 26 dB Bandwidth: 25.070 MHz Measured 99% Bandwidth: 18.810 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-20, Channel: 5720.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

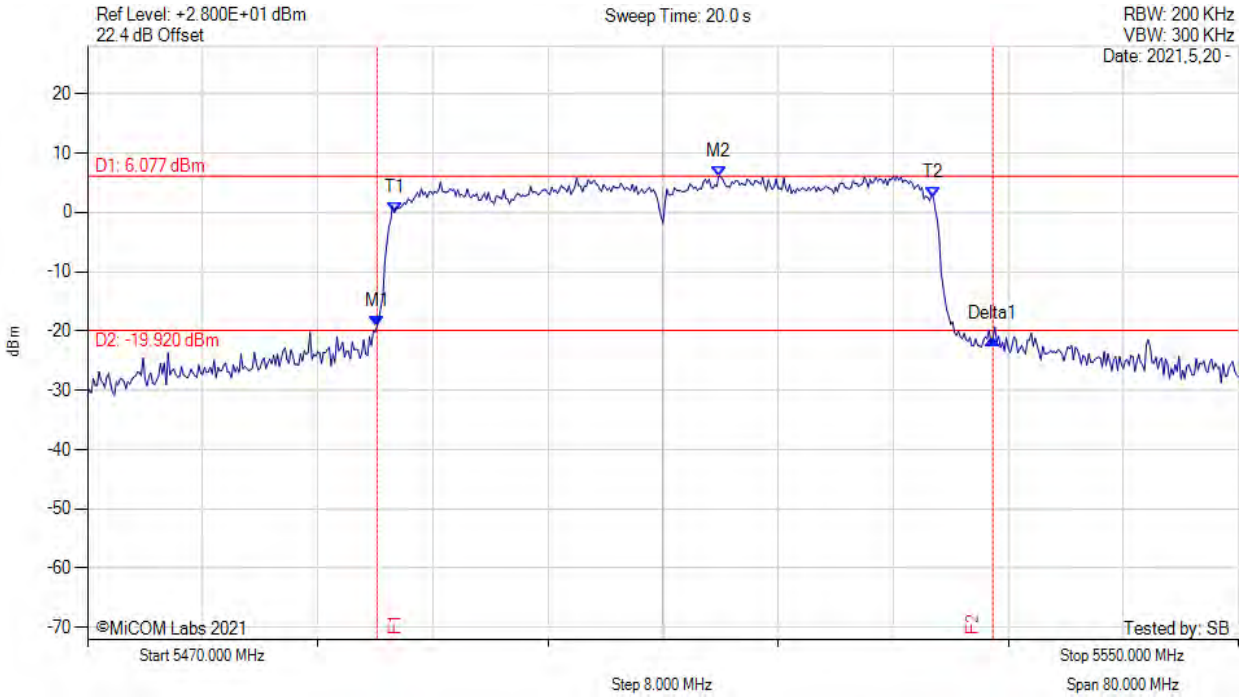


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5709.670 MHz : -15.875 dBm M2 : 5717.470 MHz : 9.838 dBm Delta1 : 20.670 MHz : -1.288 dB T1 : 5710.533 MHz : 3.469 dBm T2 : 5729.400 MHz : 4.417 dBm OBW : 18.828 MHz	Measured 26 dB Bandwidth: 20.670 MHz Measured 99% Bandwidth: 18.828 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5510.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

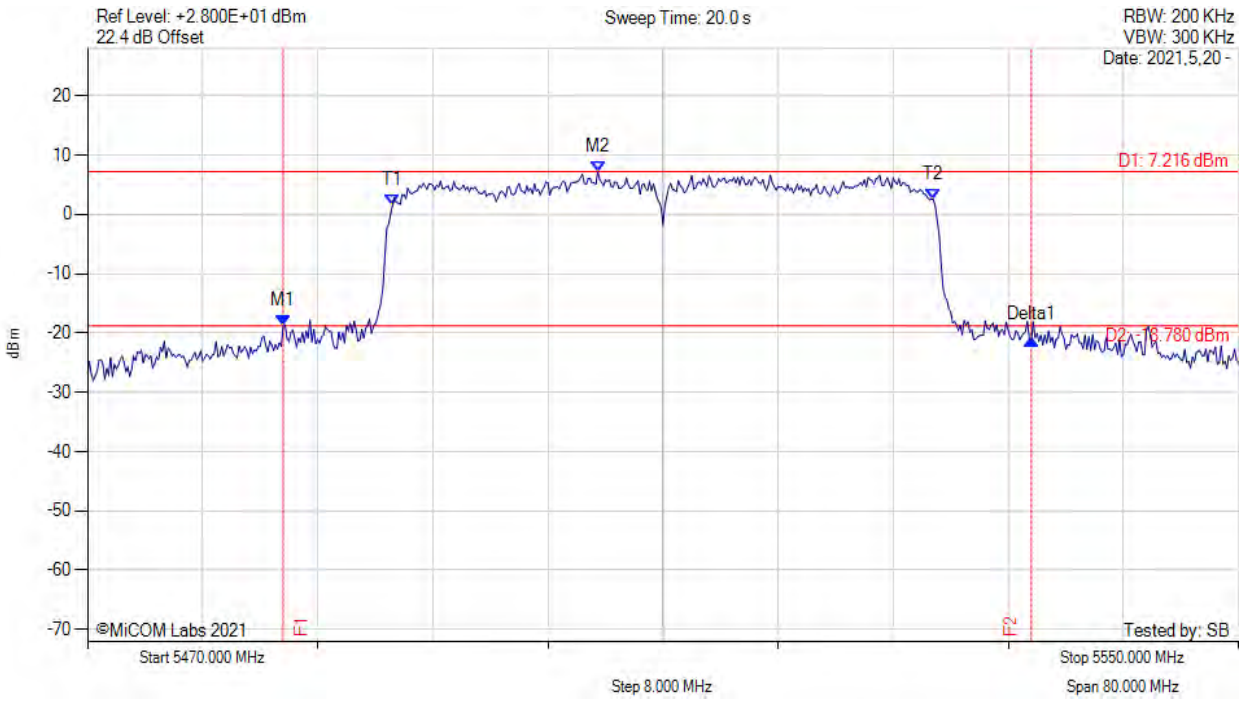


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5490.130 MHz : -19.167 dBm M2 : 5513.870 MHz : 6.077 dBm Delta1 : 42.800 MHz : -2.109 dB T1 : 5491.333 MHz : -0.043 dBm T2 : 5528.800 MHz : 2.483 dBm OBW : 37.498 MHz	Measured 26 dB Bandwidth: 42.800 MHz Measured 99% Bandwidth: 37.498 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5510.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

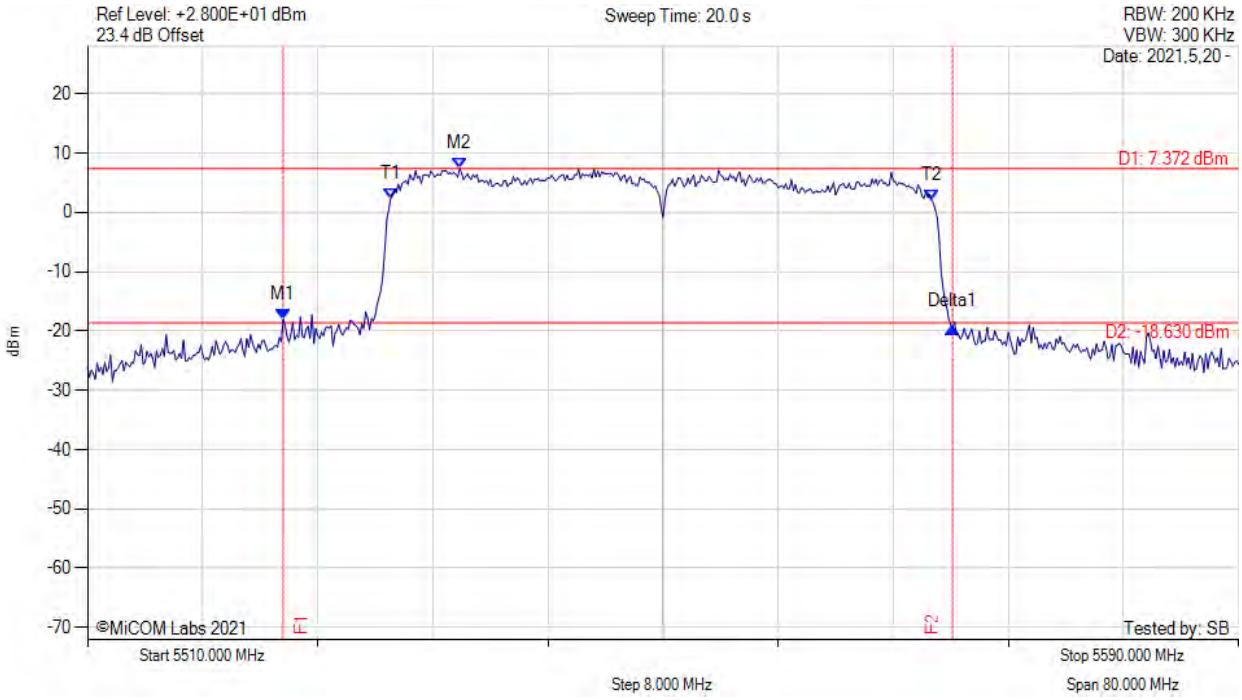


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5483.600 MHz : -18.771 dBm M2 : 5505.470 MHz : 7.216 dBm Delta1 : 52.000 MHz : -2.370 dB T1 : 5491.200 MHz : 1.482 dBm T2 : 5528.800 MHz : 2.486 dBm OBW : 37.593 MHz	Measured 26 dB Bandwidth: 52.000 MHz Measured 99% Bandwidth: 37.593 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5550.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

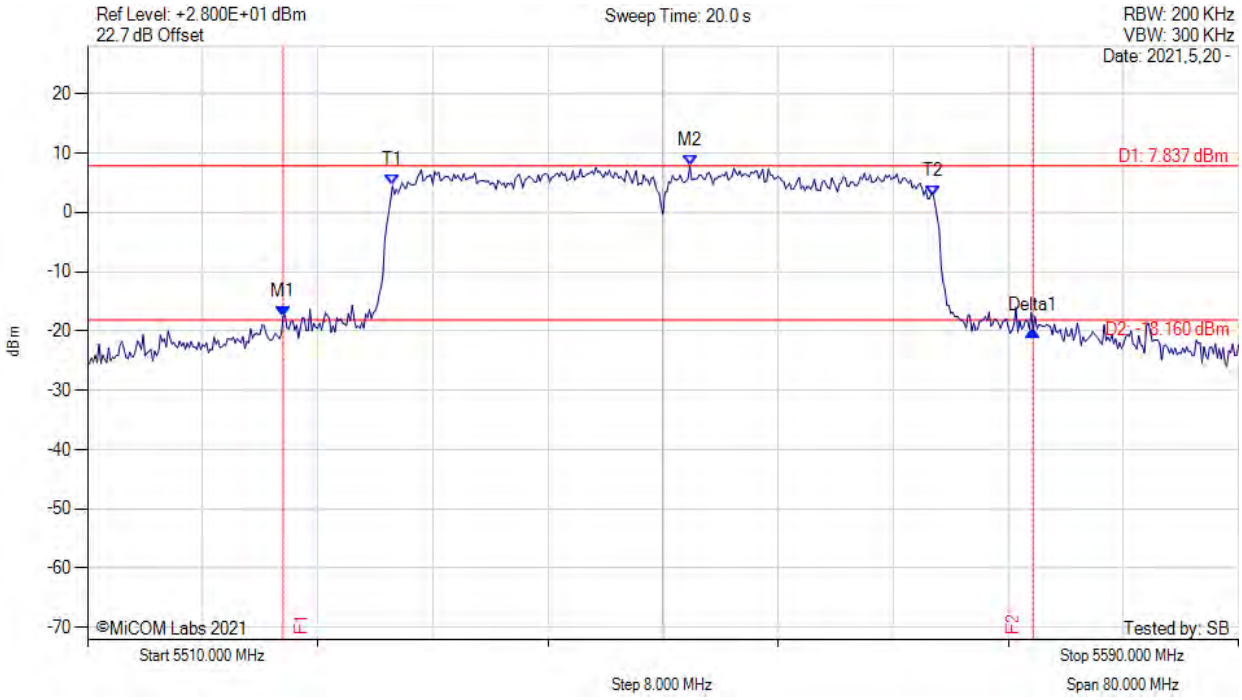


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5523.600 MHz : -18.045 dBm M2 : 5535.870 MHz : 7.372 dBm Delta1 : 46.530 MHz : -1.304 dB T1 : 5531.067 MHz : 2.291 dBm T2 : 5568.667 MHz : 2.092 dBm OBW : 37.545 MHz	Measured 26 dB Bandwidth: 46.530 MHz Measured 99% Bandwidth: 37.545 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5550.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

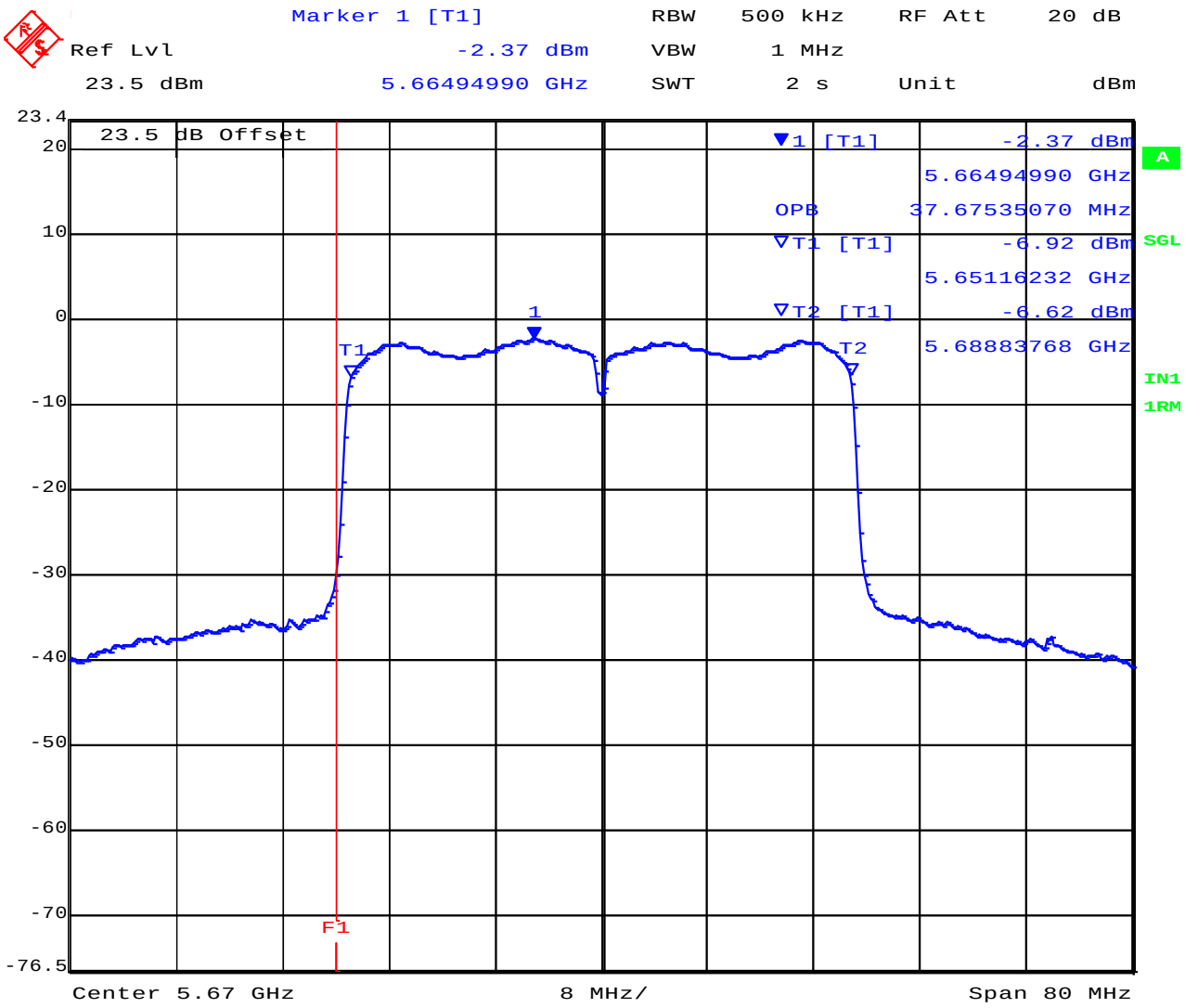


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5523.600 MHz : -17.539 dBm M2 : 5551.870 MHz : 7.837 dBm Delta1 : 52.130 MHz : -2.442 dB T1 : 5531.200 MHz : 4.502 dBm T2 : 5568.800 MHz : 2.745 dBm OBW : 37.608 MHz	Measured 26 dB Bandwidth: 52.130 MHz Measured 99% Bandwidth: 37.608 MHz

back to matrix

26 dB & 99% BANDWIDTH

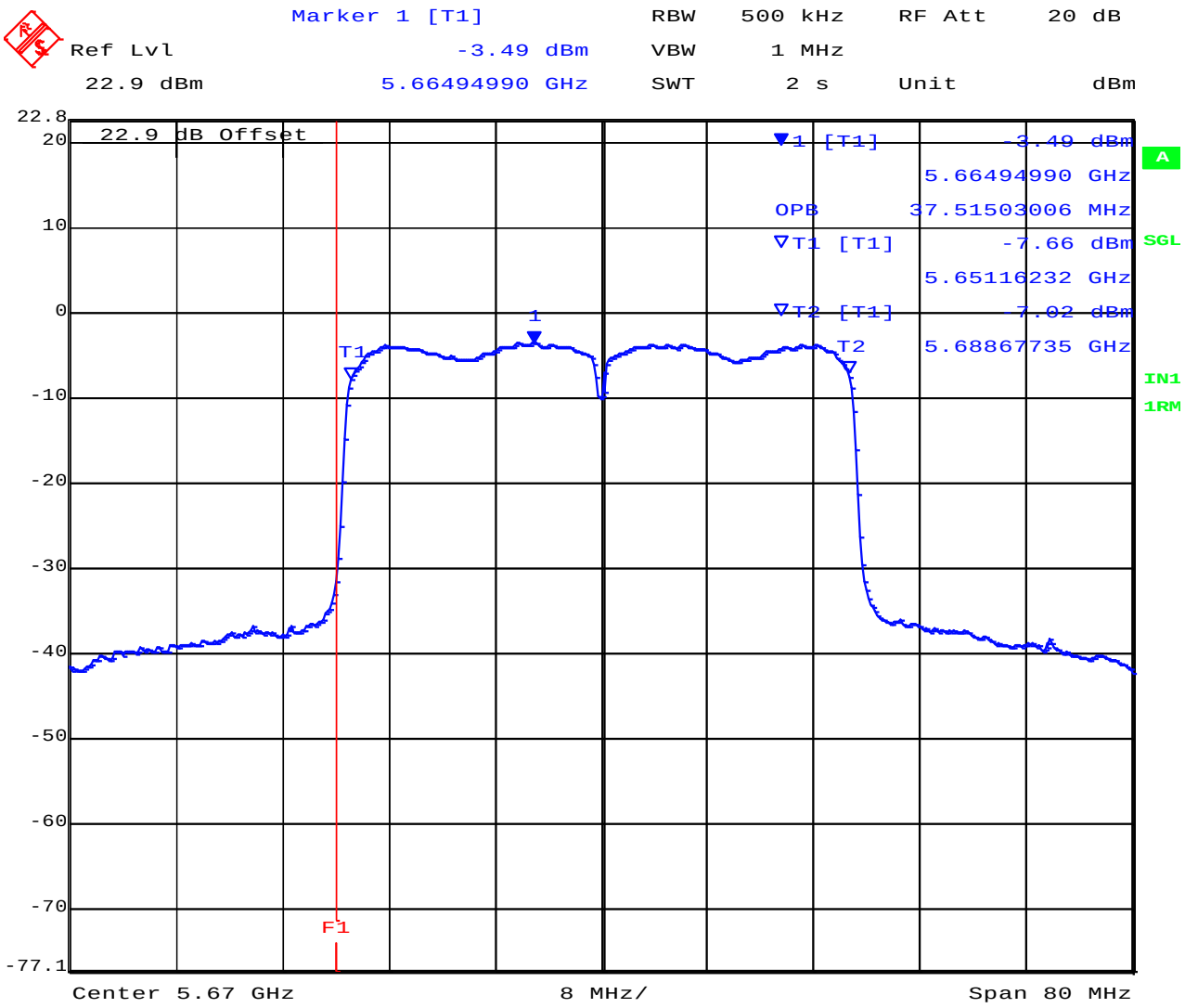
Variant: 802.11ax-40, Channel: 5670.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5670.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



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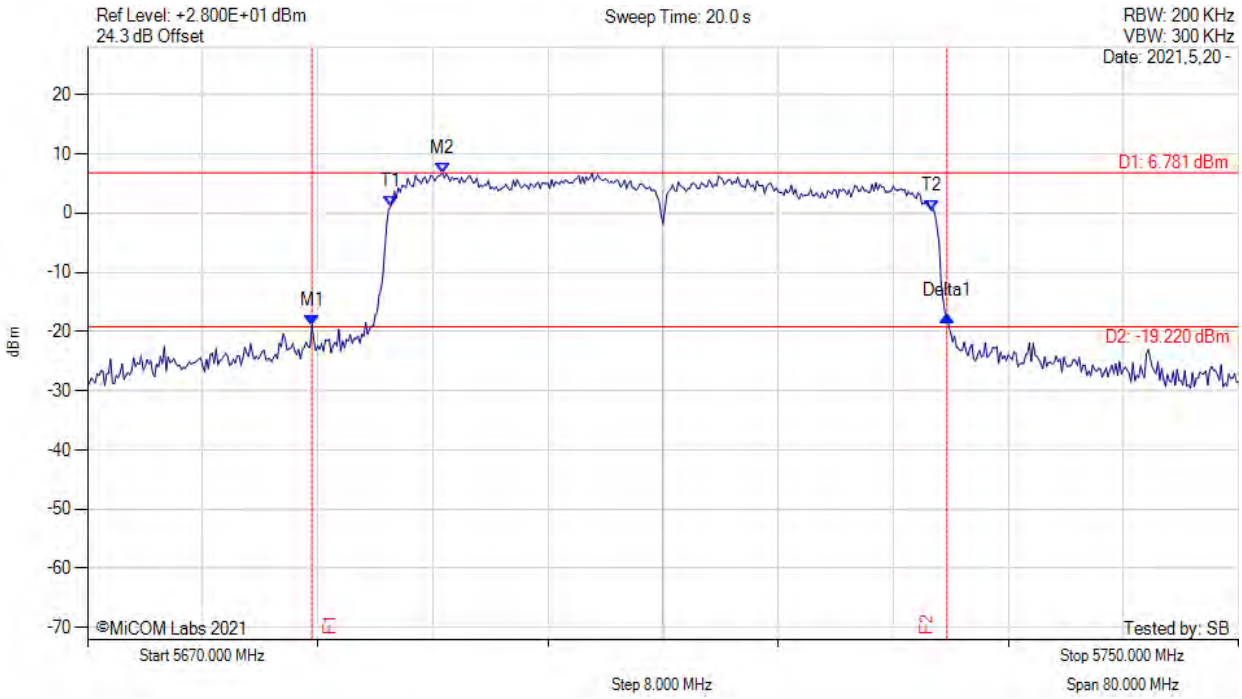
back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5710.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5685.600 MHz : -18.946 dBm M2 : 5694.670 MHz : 6.781 dBm Delta1 : 44.130 MHz : 1.619 dB T1 : 5691.067 MHz : 1.031 dBm T2 : 5728.667 MHz : 0.462 dBm OBW : 37.479 MHz	Measured 26 dB Bandwidth: 44.130 MHz Measured 99% Bandwidth: 37.479 MHz

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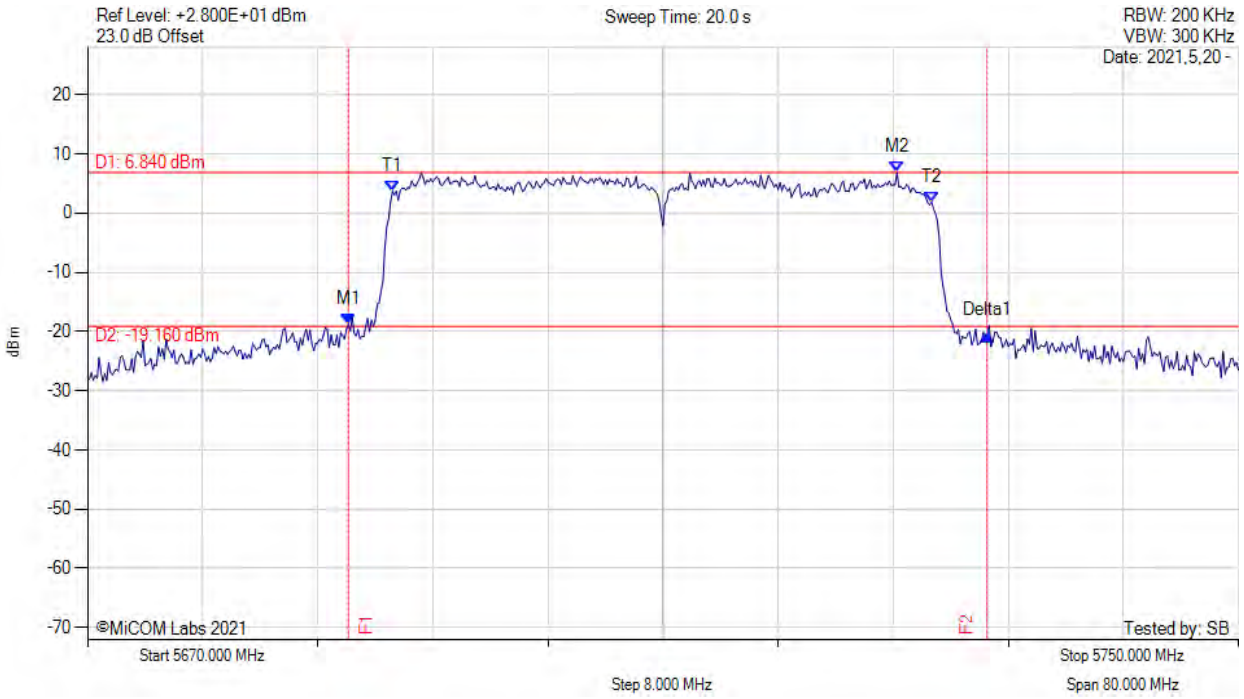
26 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5710.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

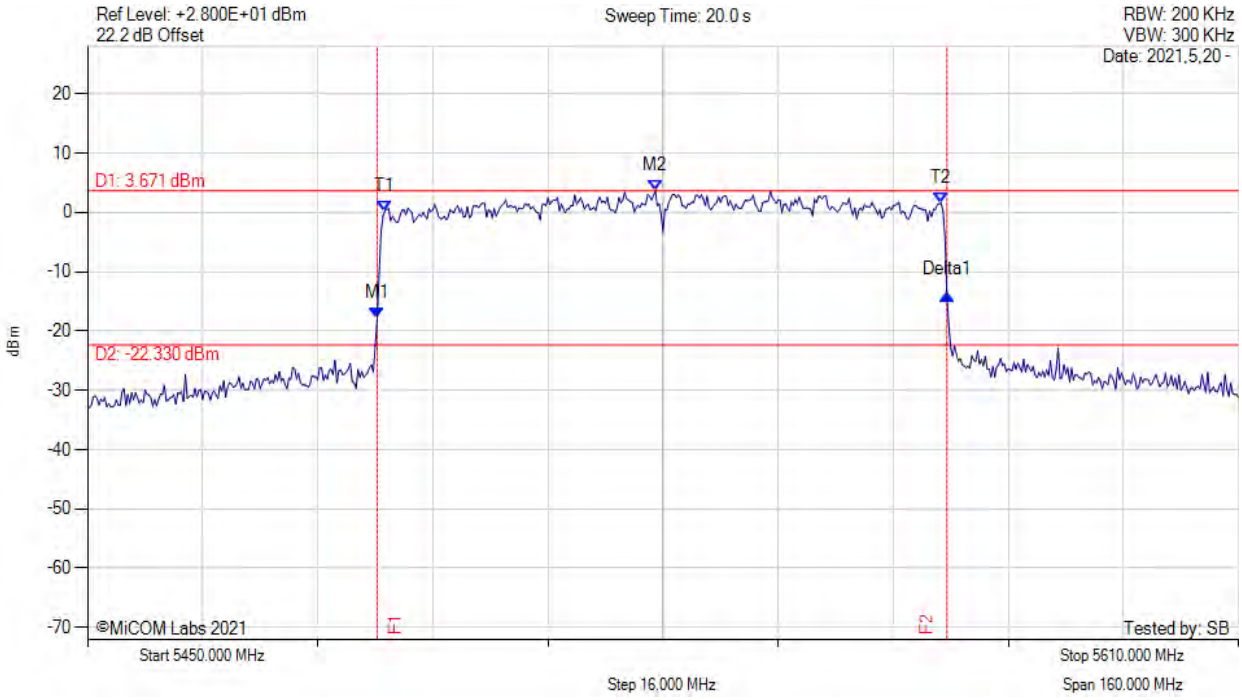


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5688.130 MHz : -18.677 dBm M2 : 5726.270 MHz : 6.840 dBm Delta1 : 44.400 MHz : -1.960 dB T1 : 5691.200 MHz : 3.679 dBm T2 : 5728.667 MHz : 1.896 dBm OBW : 37.551 MHz	Measured 26 dB Bandwidth: 44.400 MHz Measured 99% Bandwidth: 37.551 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5530.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

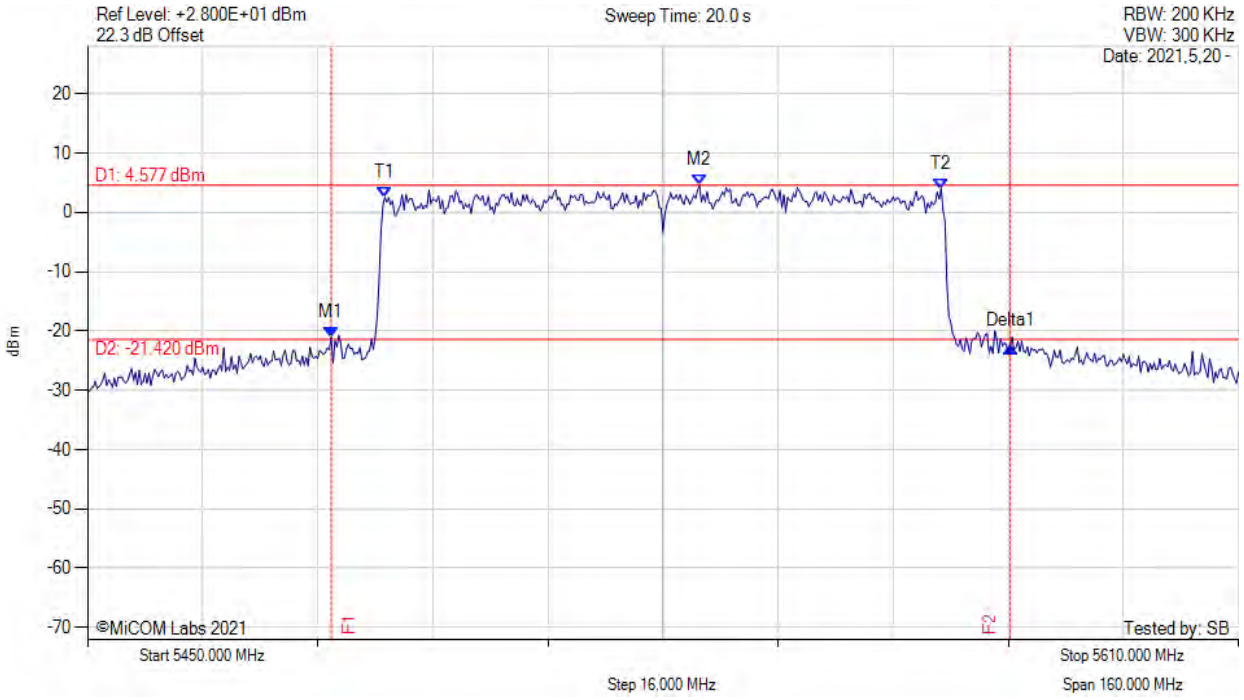


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5490.270 MHz : -17.770 dBm M2 : 5528.930 MHz : 3.671 dBm Delta1 : 79.200 MHz : 3.947 dB T1 : 5491.333 MHz : 0.230 dBm T2 : 5568.667 MHz : 1.560 dBm OBW : 77.374 MHz	Measured 26 dB Bandwidth: 79.200 MHz Measured 99% Bandwidth: 77.374 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5530.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

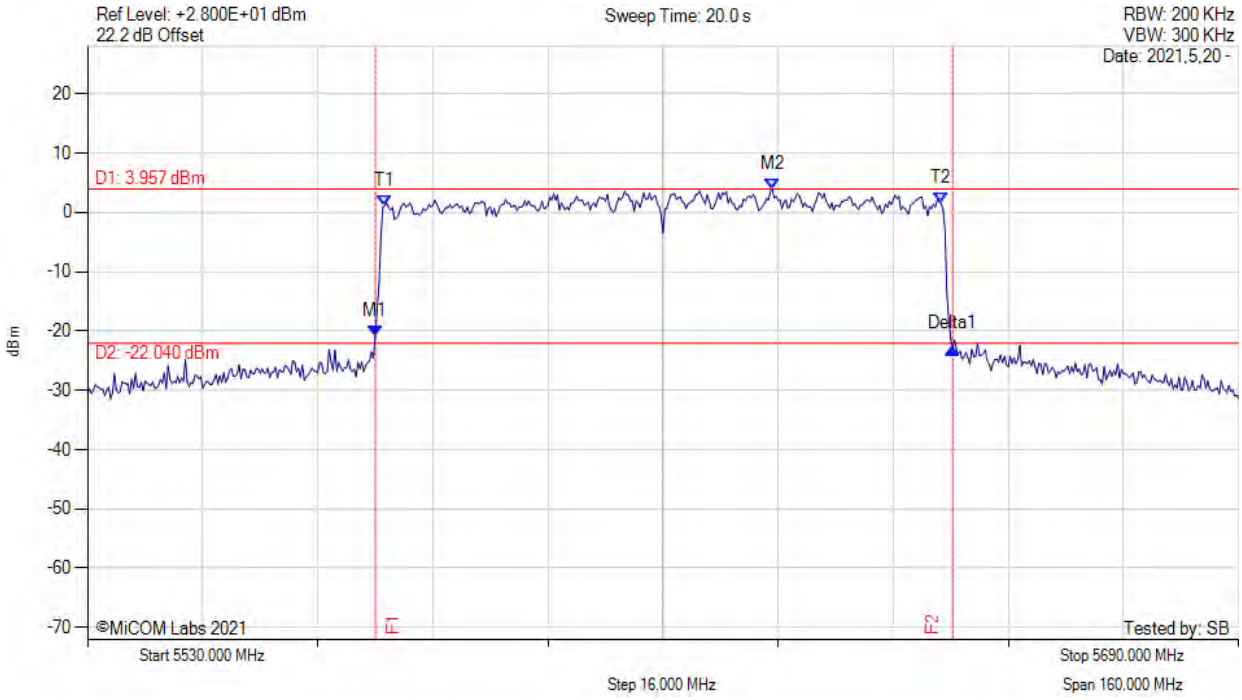


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5483.870 MHz : -21.097 dBm M2 : 5535.070 MHz : 4.577 dBm Delta1 : 94.400 MHz : -1.520 dB T1 : 5491.333 MHz : 2.513 dBm T2 : 5568.667 MHz : 3.960 dBm OBW : 77.481 MHz	Measured 26 dB Bandwidth: 94.400 MHz Measured 99% Bandwidth: 77.481 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5610.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

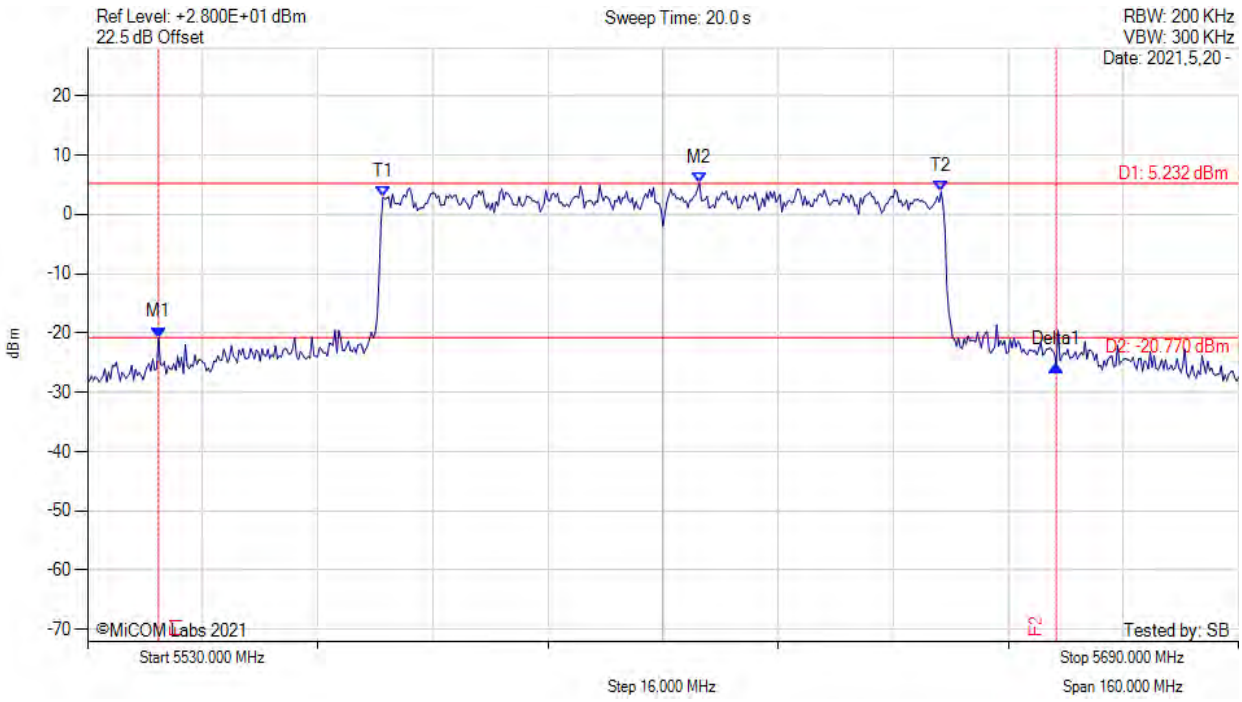


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5570.000 MHz : -20.898 dBm M2 : 5625.200 MHz : 3.957 dBm Delta1 : 80.270 MHz : -2.147 dB T1 : 5571.333 MHz : 1.154 dBm T2 : 5648.667 MHz : 1.467 dBm OBW : 77.447 MHz	Measured 26 dB Bandwidth: 80.270 MHz Measured 99% Bandwidth: 77.447 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5610.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

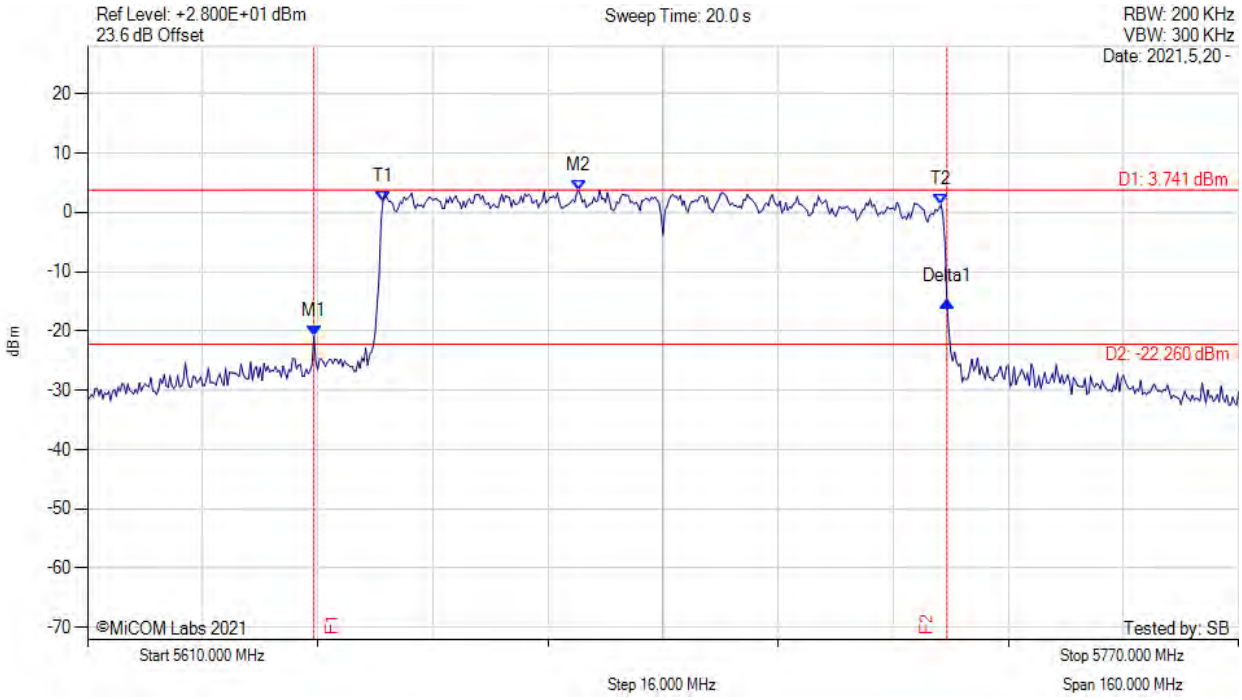


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5539.870 MHz : -20.765 dBm M2 : 5615.070 MHz : 5.232 dBm Delta1 : 124.800 MHz : -4.658 dB T1 : 5571.067 MHz : 2.886 dBm T2 : 5648.667 MHz : 3.855 dBm OBW : 77.600 MHz	Measured 26 dB Bandwidth: 124.800 MHz Measured 99% Bandwidth: 77.600 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5690.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

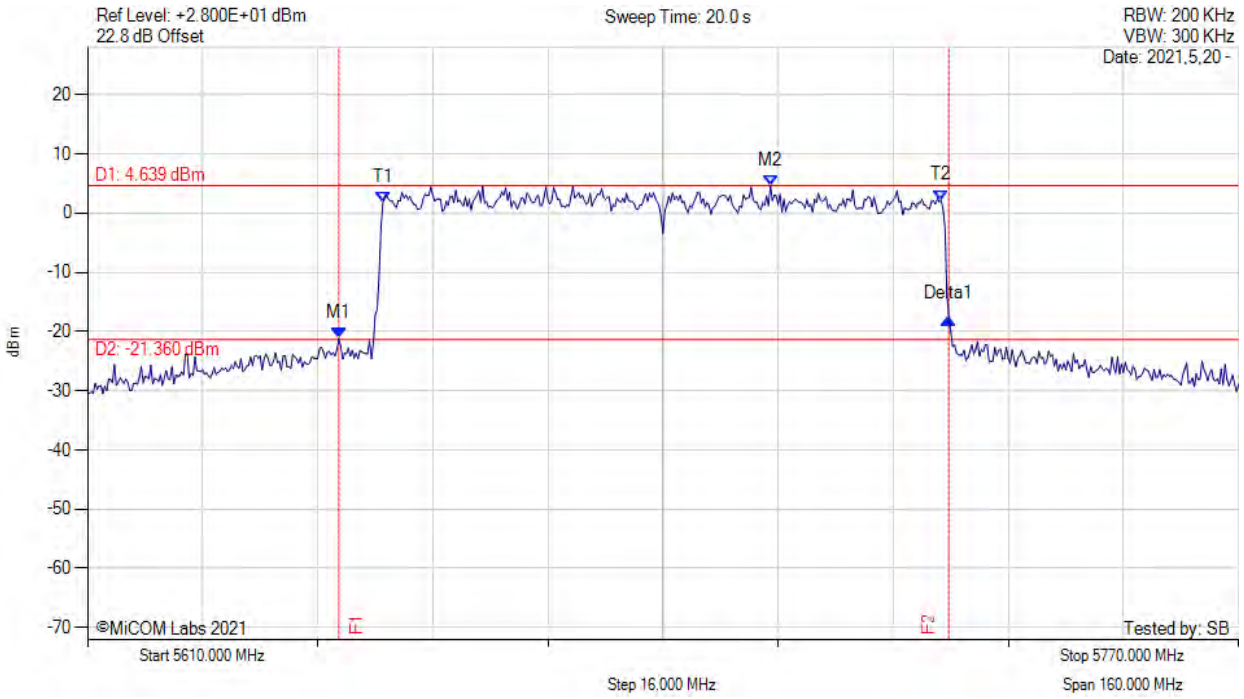


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5641.470 MHz : -20.864 dBm M2 : 5678.270 MHz : 3.741 dBm Delta1 : 88.000 MHz : 5.903 dB T1 : 5651.067 MHz : 1.885 dBm T2 : 5728.667 MHz : 1.312 dBm OBW : 77.428 MHz	Measured 26 dB Bandwidth: 88.000 MHz Measured 99% Bandwidth: 77.428 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5690.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

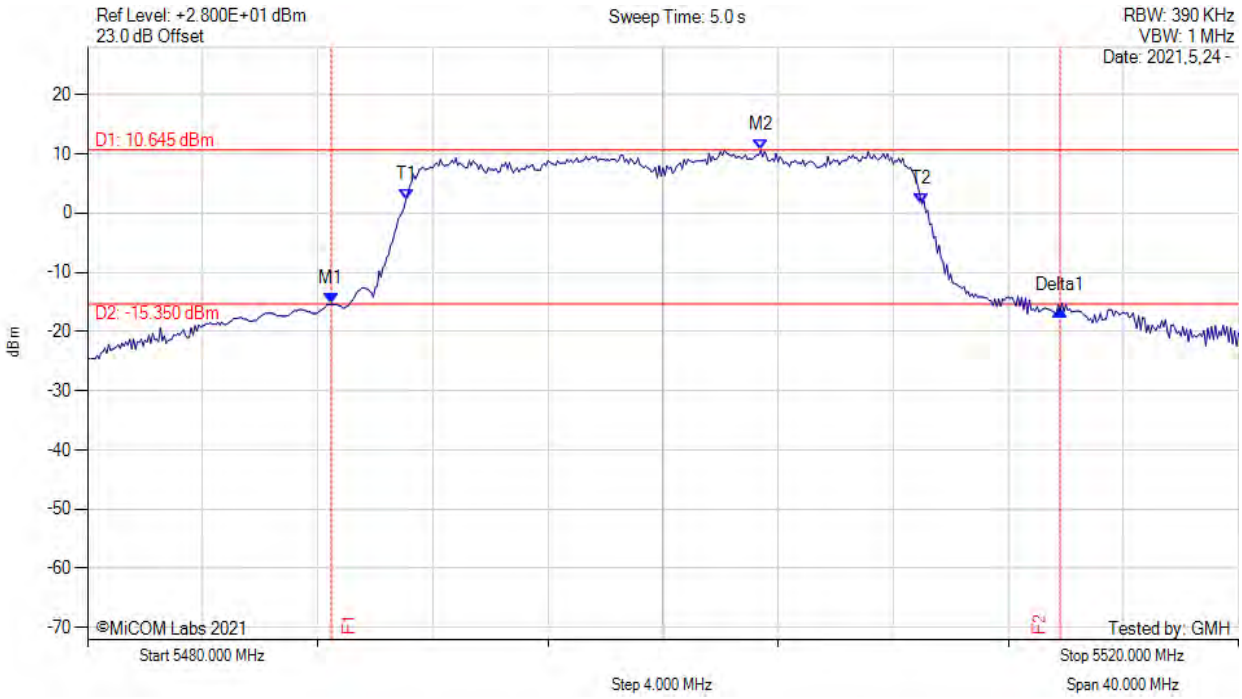


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5644.930 MHz : -21.185 dBm M2 : 5704.930 MHz : 4.639 dBm Delta1 : 84.800 MHz : 3.359 dB T1 : 5651.067 MHz : 1.787 dBm T2 : 5728.667 MHz : 2.160 dBm OBW : 77.494 MHz	Measured 26 dB Bandwidth: 84.800 MHz Measured 99% Bandwidth: 77.494 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

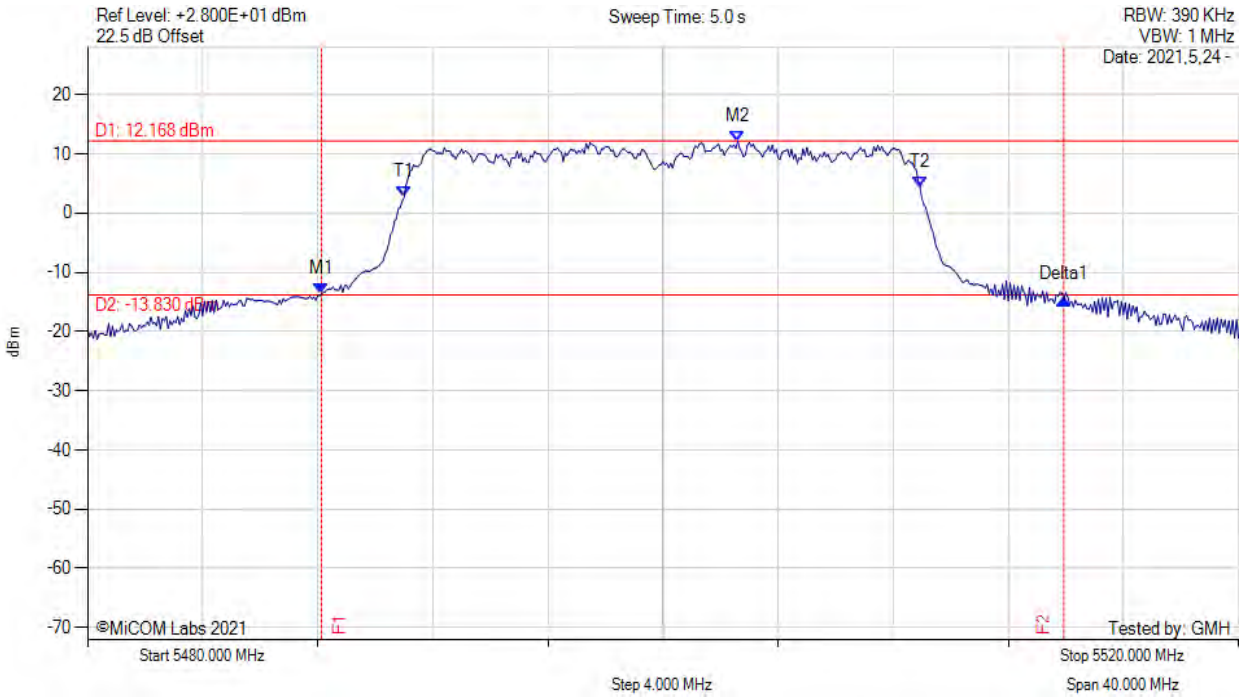


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5488.470 MHz : -15.341 dBm M2 : 5503.400 MHz : 10.645 dBm Delta1 : 25.330 MHz : -1.191 dB T1 : 5491.067 MHz : 2.293 dBm T2 : 5509.000 MHz : 1.506 dBm OBW : 17.973 MHz	Measured 26 dB Bandwidth: 25.330 MHz Measured 99% Bandwidth: 17.973 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

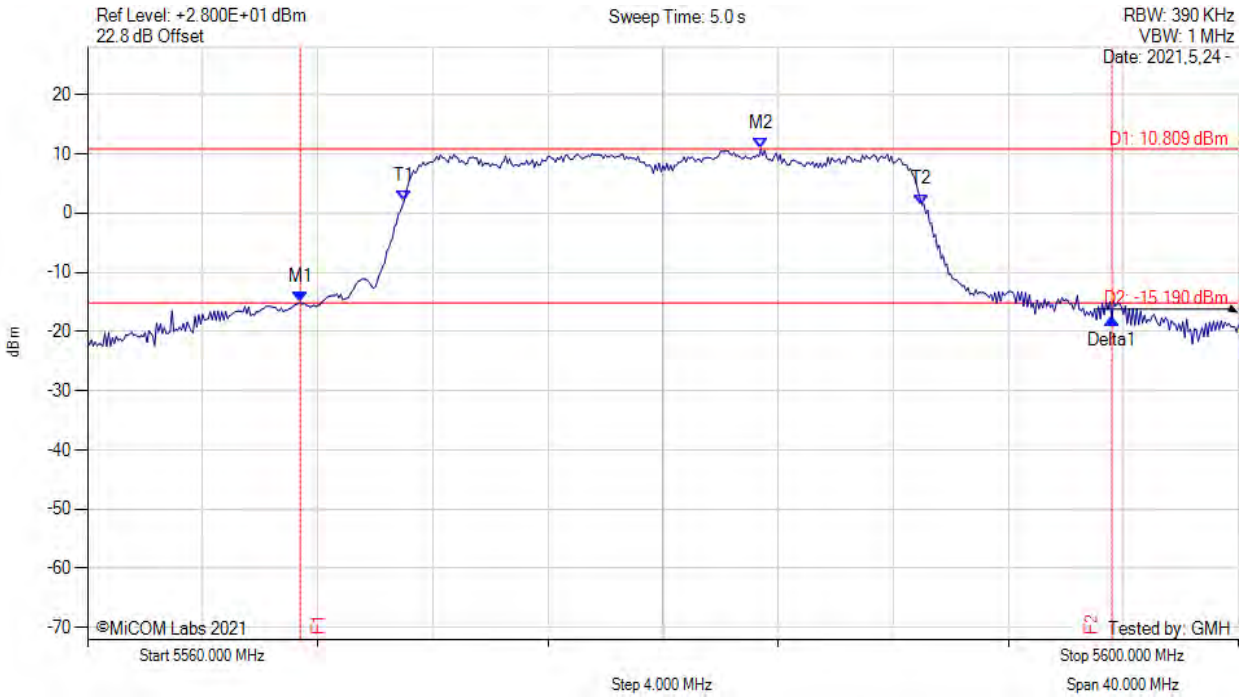


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5488.130 MHz : -13.700 dBm M2 : 5502.600 MHz : 12.168 dBm Delta1 : 25.800 MHz : -0.925 dB T1 : 5491.000 MHz : 2.628 dBm T2 : 5508.933 MHz : 4.385 dBm OBW : 17.937 MHz	Measured 26 dB Bandwidth: 25.800 MHz Measured 99% Bandwidth: 17.937 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

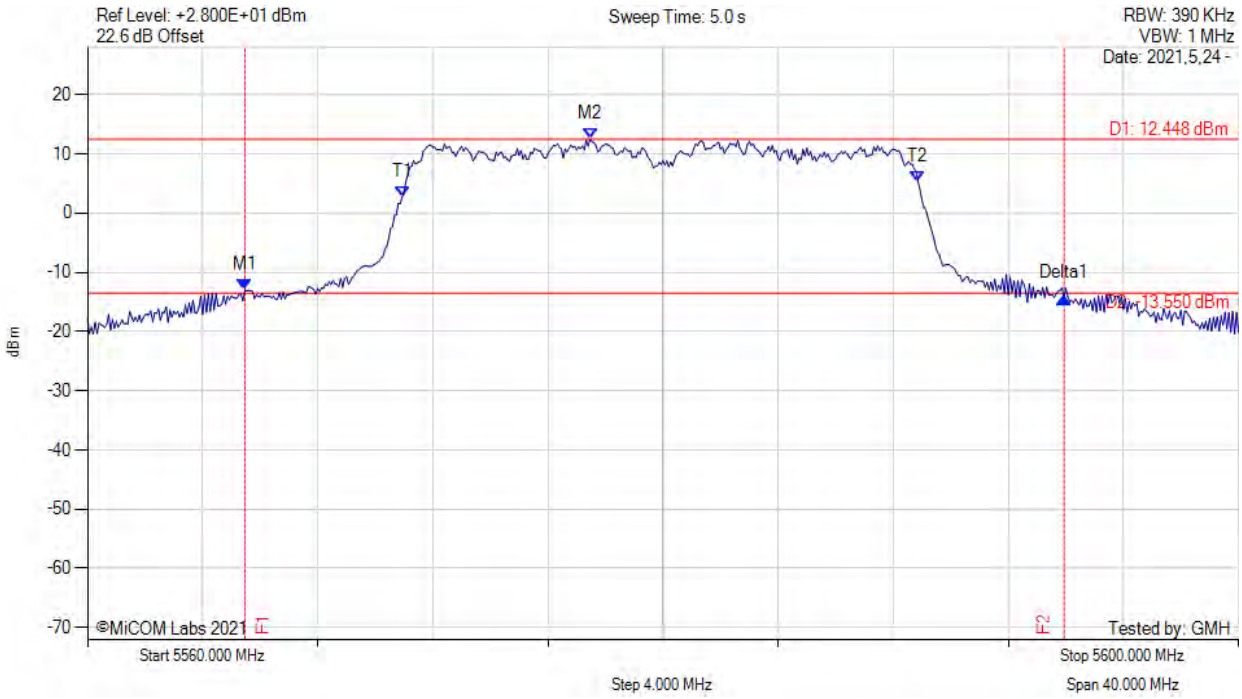


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5567.400 MHz : -15.081 dBm M2 : 5583.400 MHz : 10.809 dBm Delta1 : 28.200 MHz : -2.837 dB T1 : 5571.000 MHz : 1.963 dBm T2 : 5589.000 MHz : 1.454 dBm OBW : 18.025 MHz	Measured 26 dB Bandwidth: 28.200 MHz Measured 99% Bandwidth: 18.025 MHz

back to matrix

26 dB & 99% BANDWIDTH

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

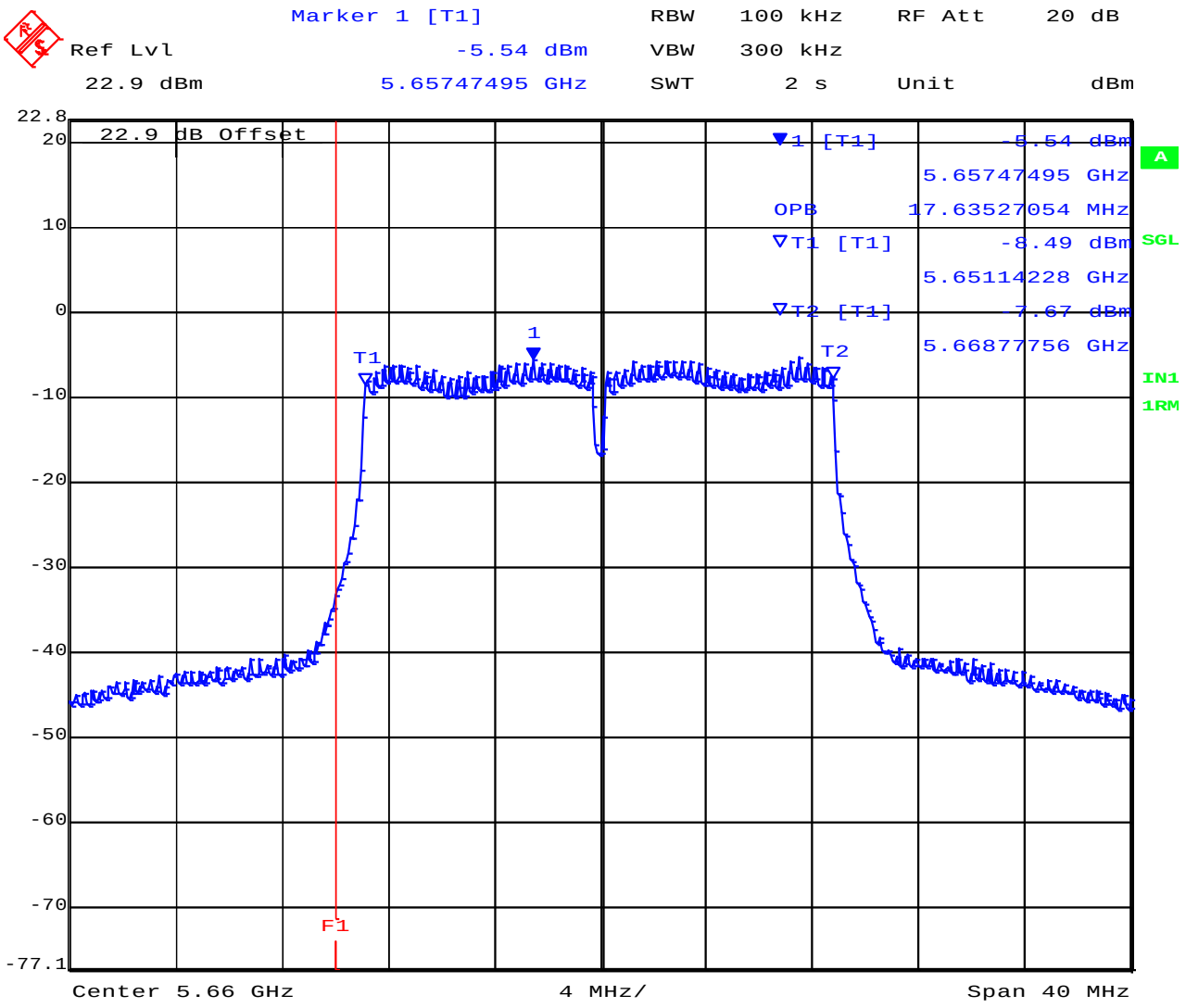


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5565.470 MHz : -12.998 dBm M2 : 5577.470 MHz : 12.448 dBm Delta1 : 28.470 MHz : -1.348 dB T1 : 5570.933 MHz : 2.691 dBm T2 : 5588.867 MHz : 5.274 dBm OBW : 17.985 MHz	Measured 26 dB Bandwidth: 28.470 MHz Measured 99% Bandwidth: 17.985 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5660.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

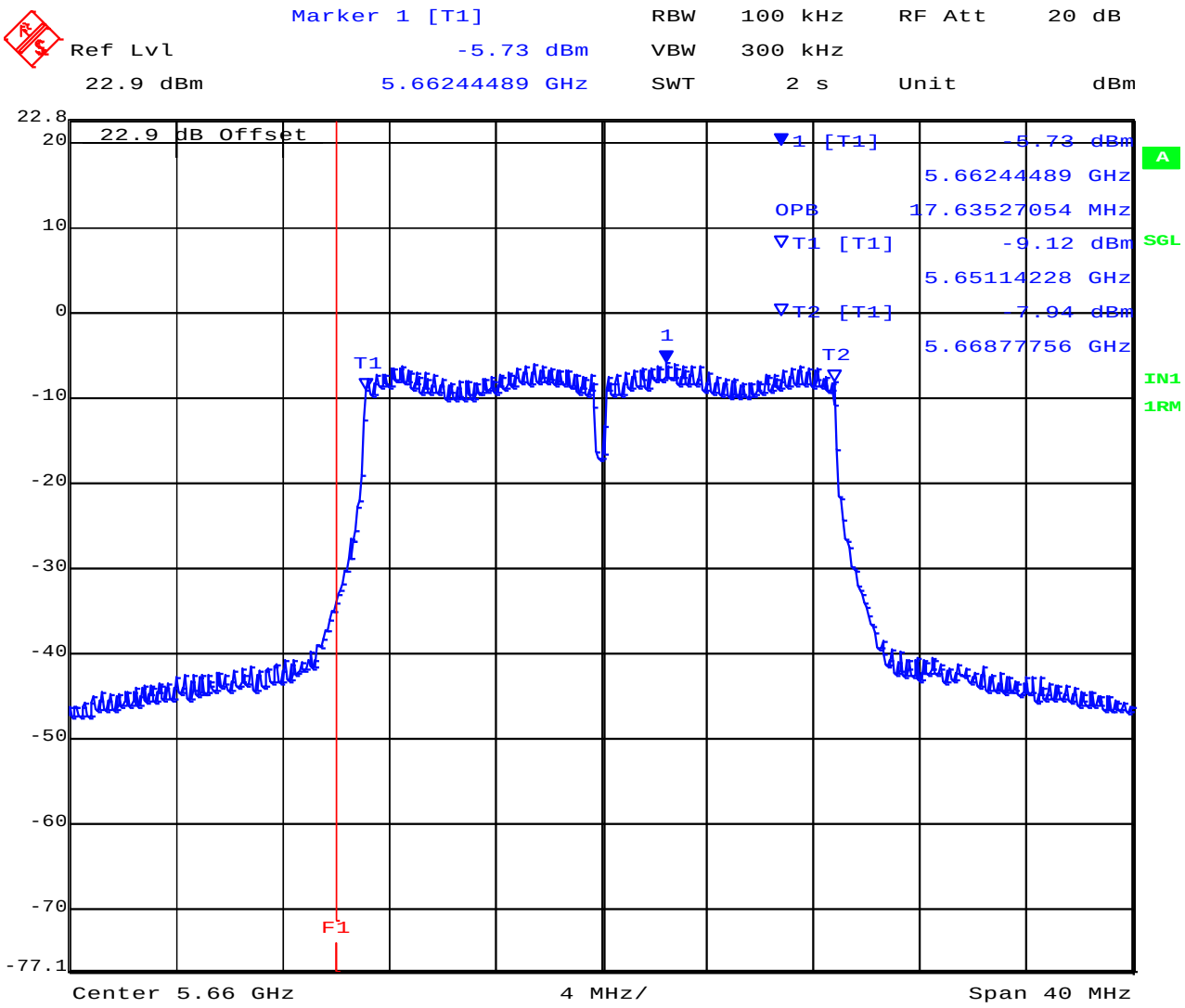


Date: 17.JUN.2021 14:24:05

back to matrix

26 dB & 99% BANDWIDTH

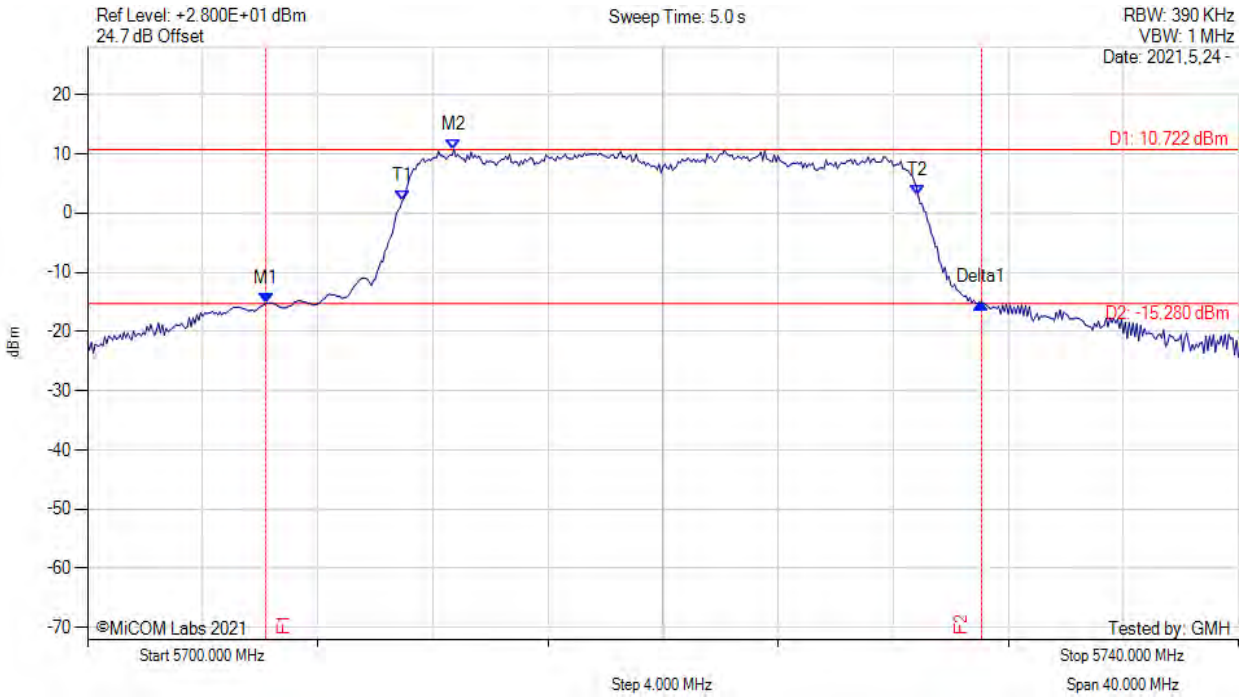
Variant: 802.11n HT-20, Channel: 5660.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

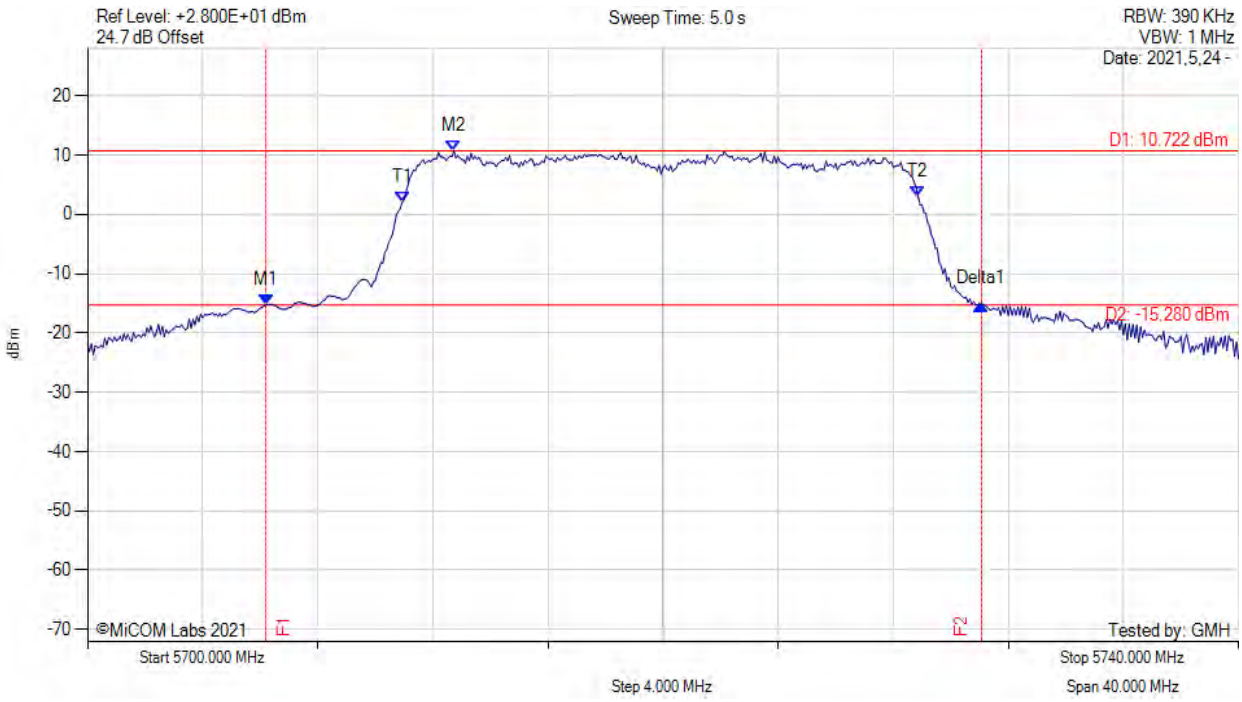


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5706.200 MHz : -15.217 dBm M2 : 5712.730 MHz : 10.722 dBm Delta1 : 24.870 MHz : 0.082 dB T1 : 5710.933 MHz : 2.057 dBm T2 : 5728.867 MHz : 3.019 dBm OBW : 17.968 MHz	Measured 26 dB Bandwidth: 24.870 MHz Measured 99% Bandwidth: 17.968 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

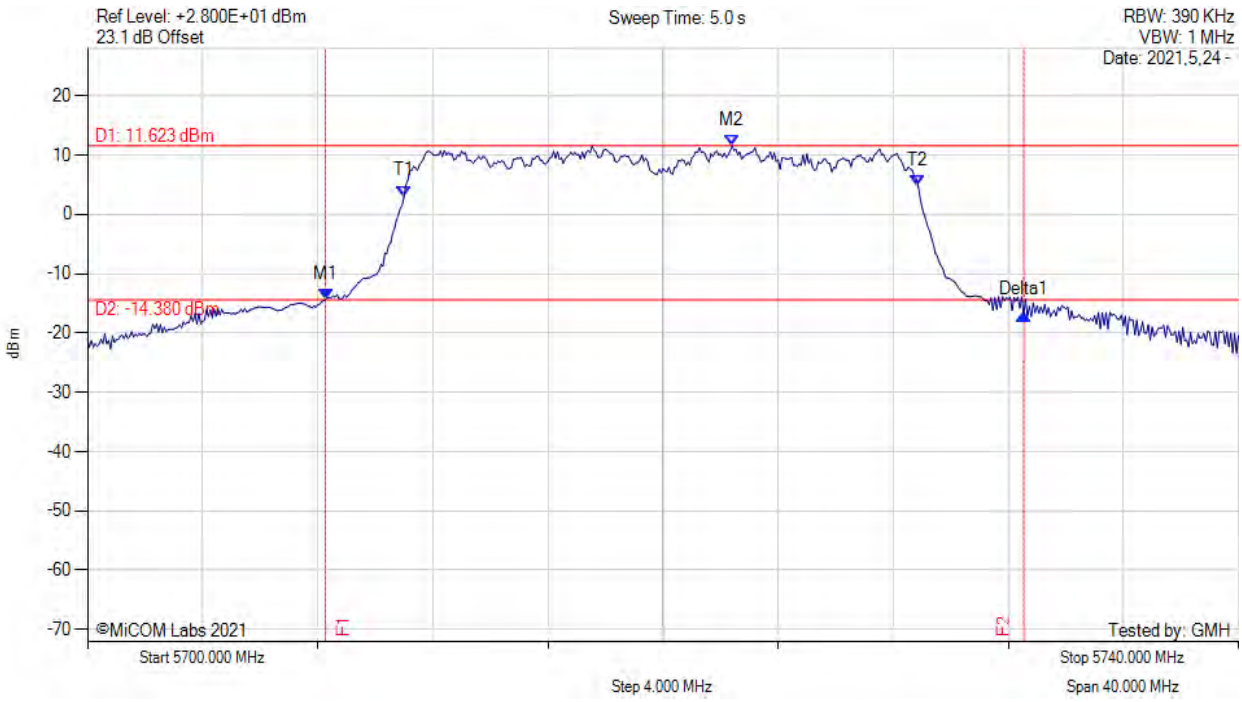


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5706.200 MHz : -15.217 dBm M2 : 5712.730 MHz : 10.722 dBm Delta1 : 24.870 MHz : 0.082 dB T1 : 5710.933 MHz : 2.057 dBm T2 : 5728.867 MHz : 3.019 dBm OBW : 17.968 MHz	Channel Frequency: 5720.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

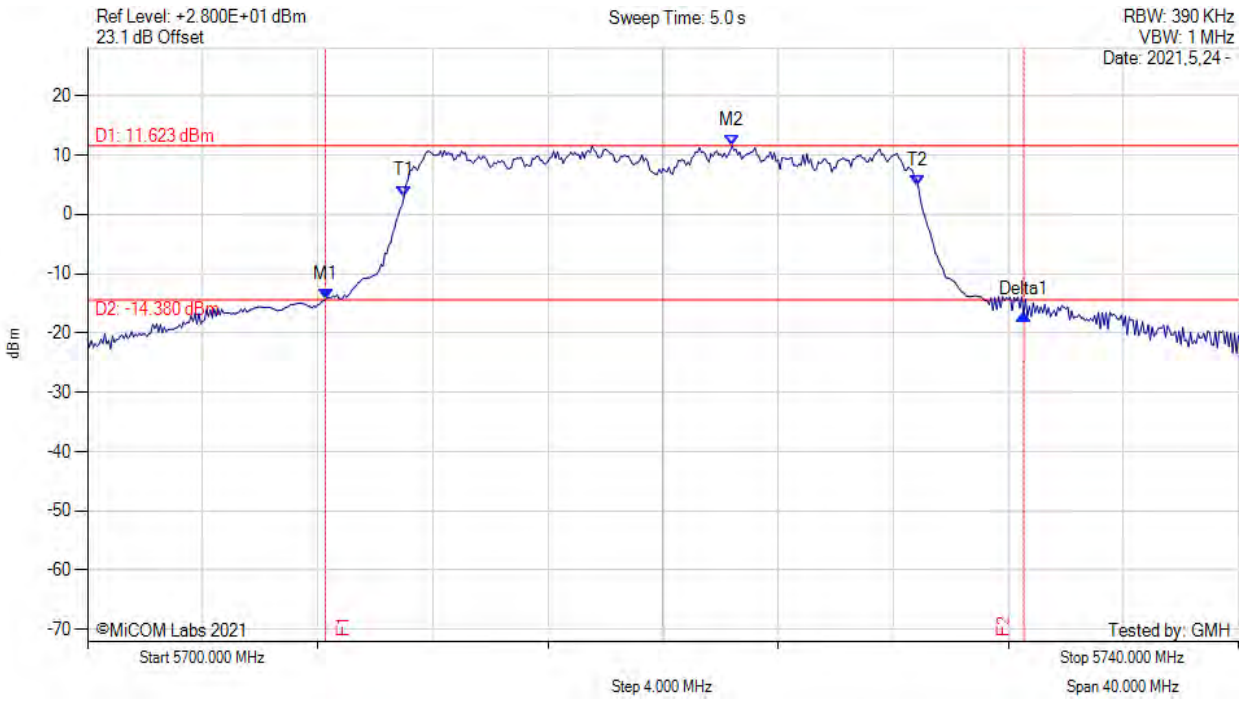


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5708.270 MHz : -14.354 dBm M2 : 5722.400 MHz : 11.623 dBm Delta1 : 24.270 MHz : -2.631 dB T1 : 5711.000 MHz : 3.077 dBm T2 : 5728.867 MHz : 4.898 dBm OBW : 17.870 MHz	Channel Frequency: 5720.00 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

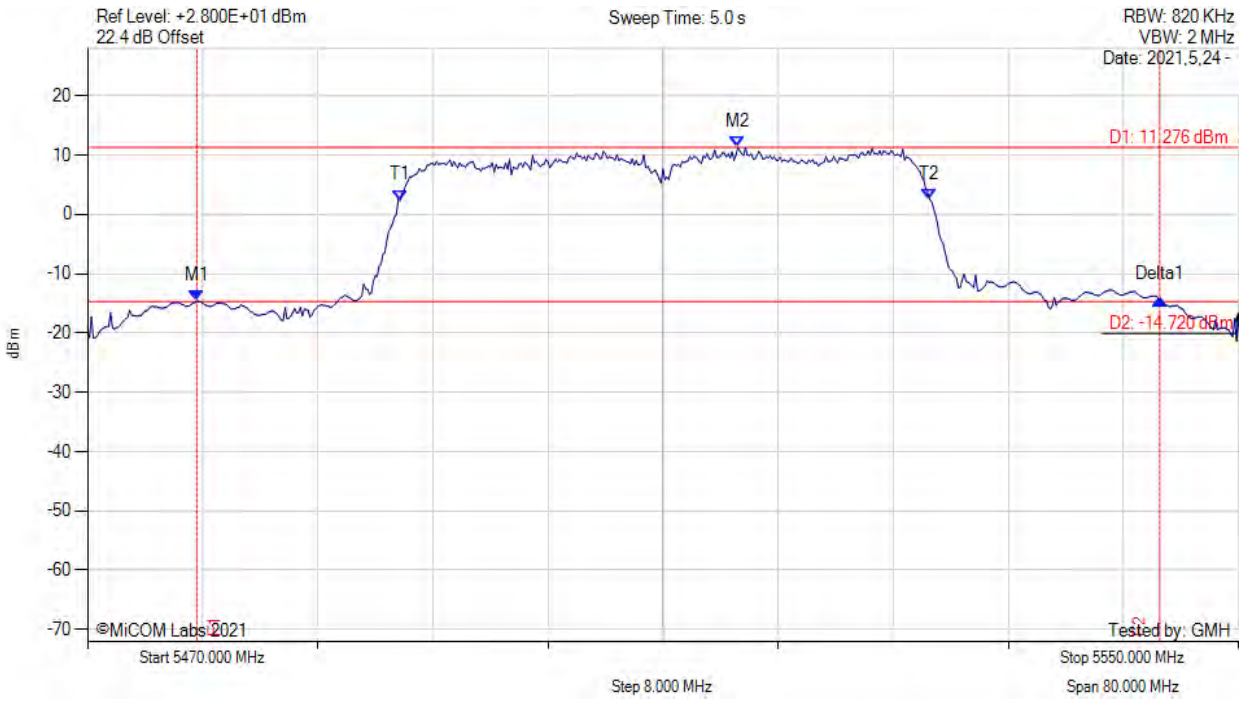


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5708.270 MHz : -14.354 dBm M2 : 5722.400 MHz : 11.623 dBm Delta1 : 24.270 MHz : -2.631 dB T1 : 5711.000 MHz : 3.077 dBm T2 : 5728.867 MHz : 4.898 dBm OBW : 17.870 MHz	Measured 26 dB Bandwidth: 24.270 MHz Measured 99% Bandwidth: 17.870 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

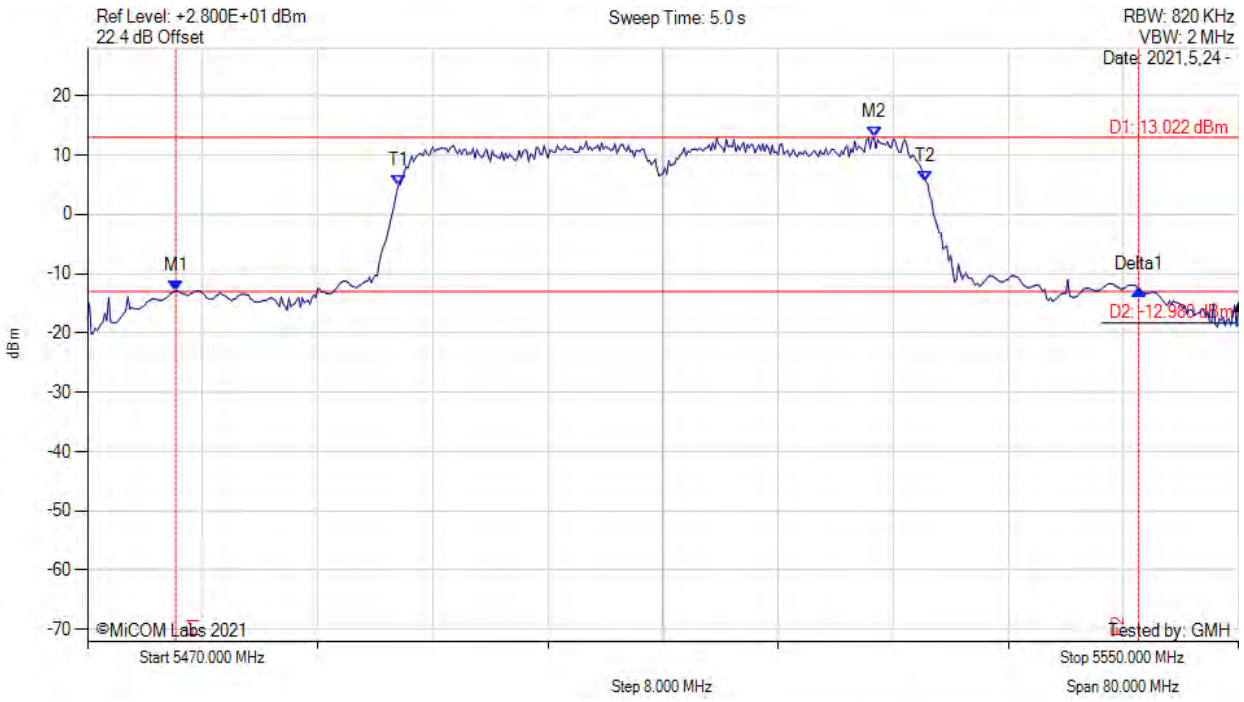


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5477.600 MHz : -14.634 dBm M2 : 5515.200 MHz : 11.276 dBm Delta1 : 66.930 MHz : 0.271 dB T1 : 5491.733 MHz : 2.390 dBm T2 : 5528.533 MHz : 2.533 dBm OBW : 36.995 MHz	Measured 26 dB Bandwidth: 66.930 MHz Measured 99% Bandwidth: 36.995 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

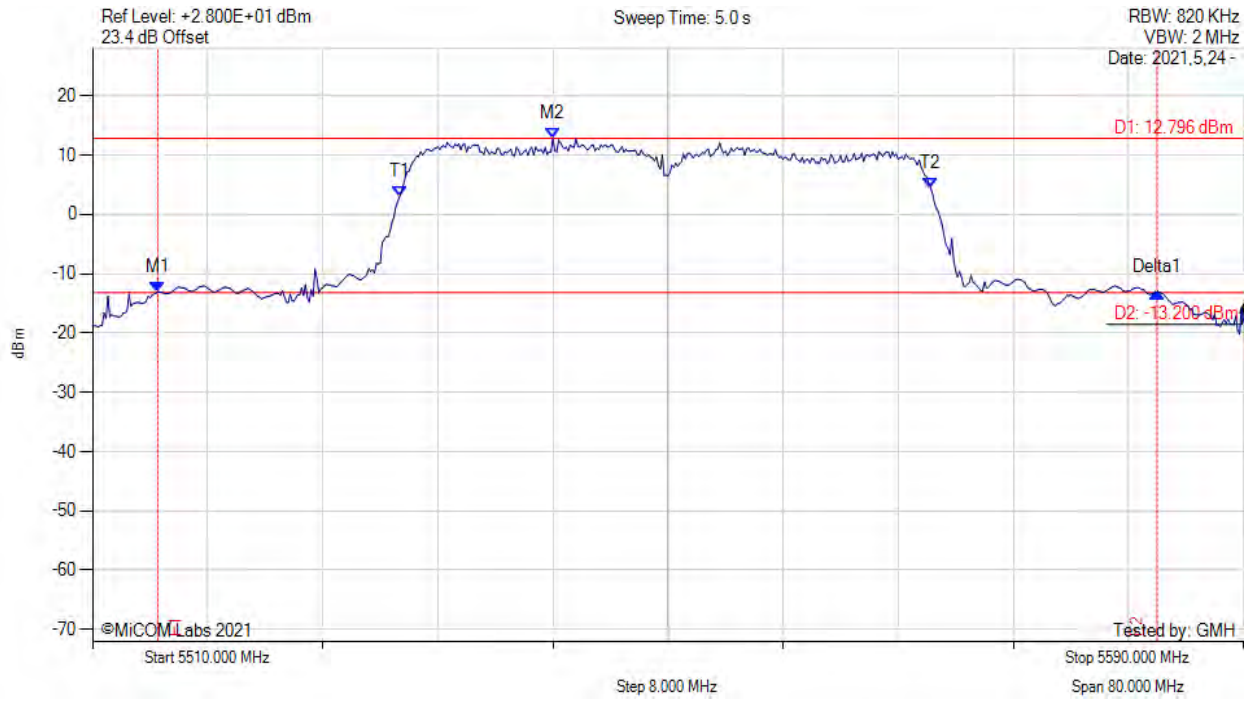


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5476.130 MHz : -12.965 dBm M2 : 5524.670 MHz : 13.022 dBm Delta1 : 66.930 MHz : 0.330 dB T1 : 5491.600 MHz : 4.860 dBm T2 : 5528.267 MHz : 5.555 dBm OBW : 36.776 MHz	Measured 26 dB Bandwidth: 66.930 MHz Measured 99% Bandwidth: 36.776 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

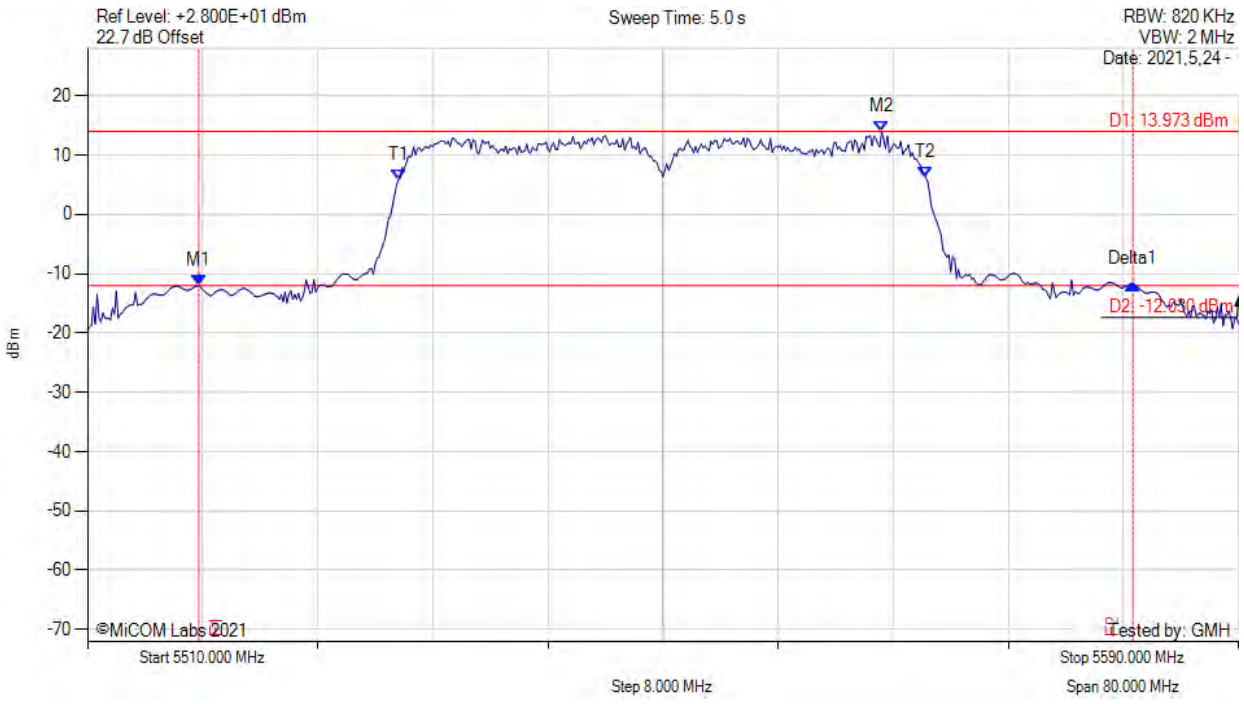


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5514.530 MHz : -13.087 dBm M2 : 5542.000 MHz : 12.796 dBm Delta1 : 69.470 MHz : -0.095 dB T1 : 5531.333 MHz : 2.974 dBm T2 : 5568.267 MHz : 4.389 dBm OBW : 37.068 MHz	Measured 26 dB Bandwidth: 69.470 MHz Measured 99% Bandwidth: 37.068 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

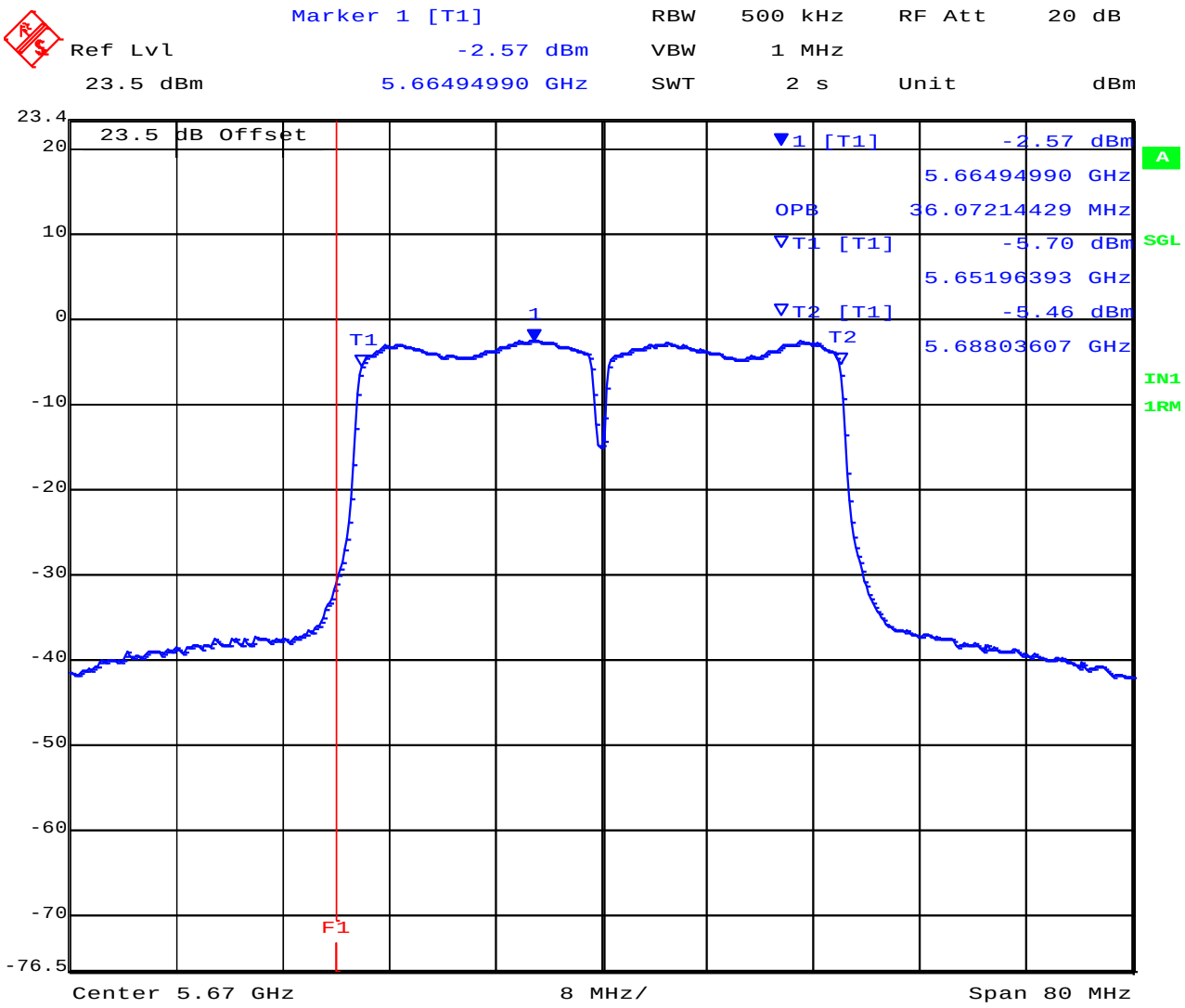


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5517.730 MHz : -12.024 dBm M2 : 5565.200 MHz : 13.973 dBm Delta1 : 64.930 MHz : 0.320 dB T1 : 5531.600 MHz : 5.765 dBm T2 : 5568.267 MHz : 6.205 dBm OBW : 36.740 MHz	Measured 26 dB Bandwidth: 64.930 MHz Measured 99% Bandwidth: 36.740 MHz

back to matrix

26 dB & 99% BANDWIDTH

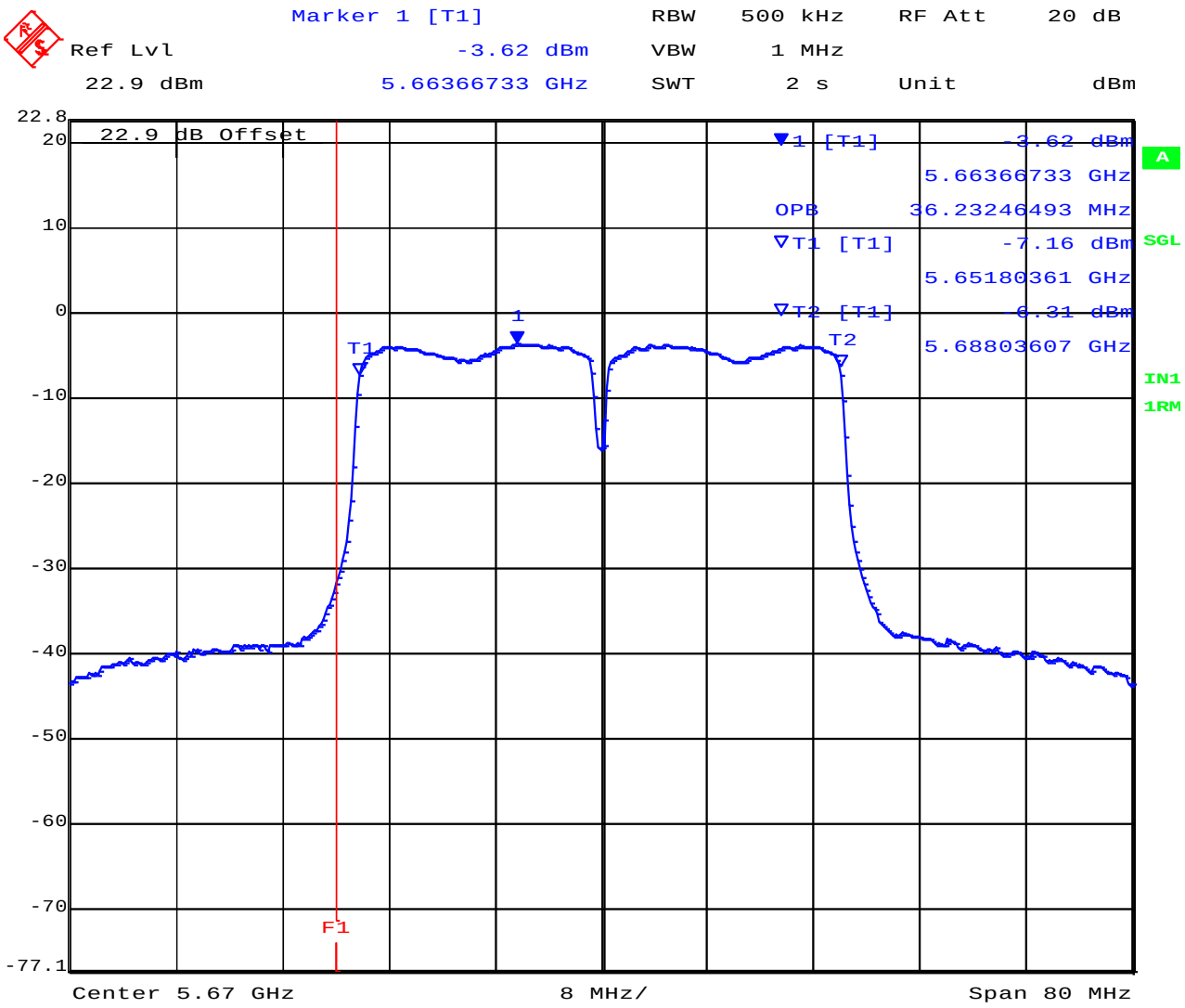
Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



back to matrix

26 dB & 99% BANDWIDTH

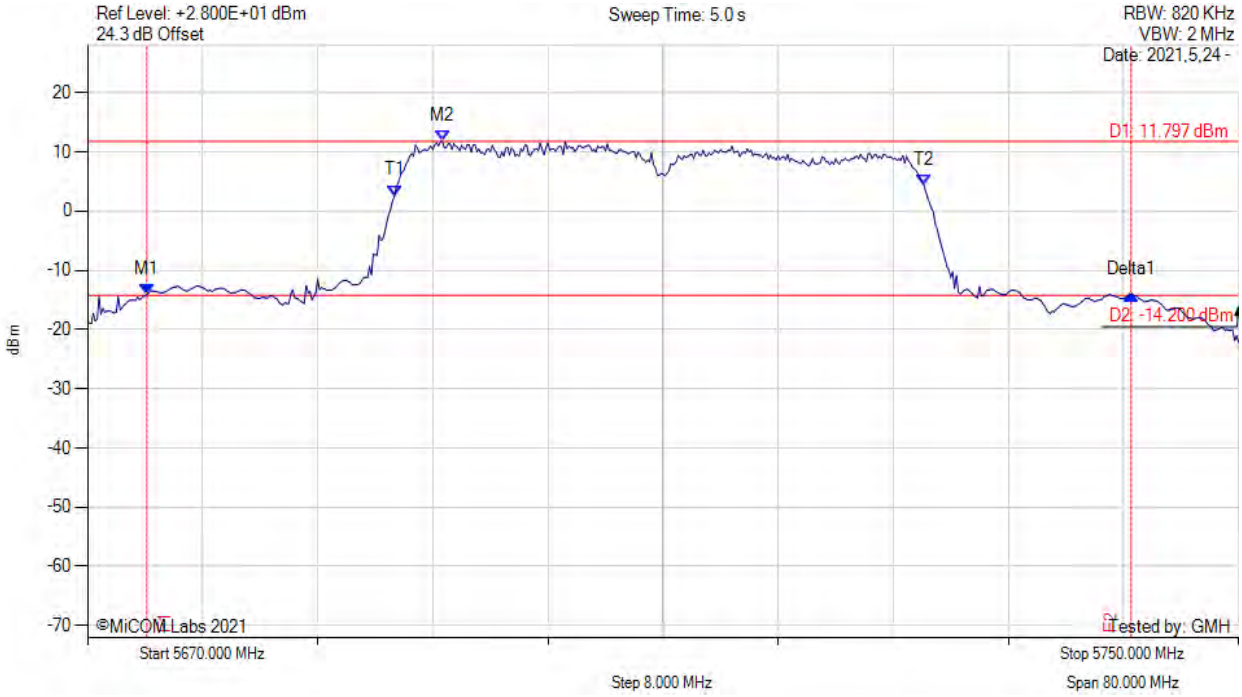
Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5710.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

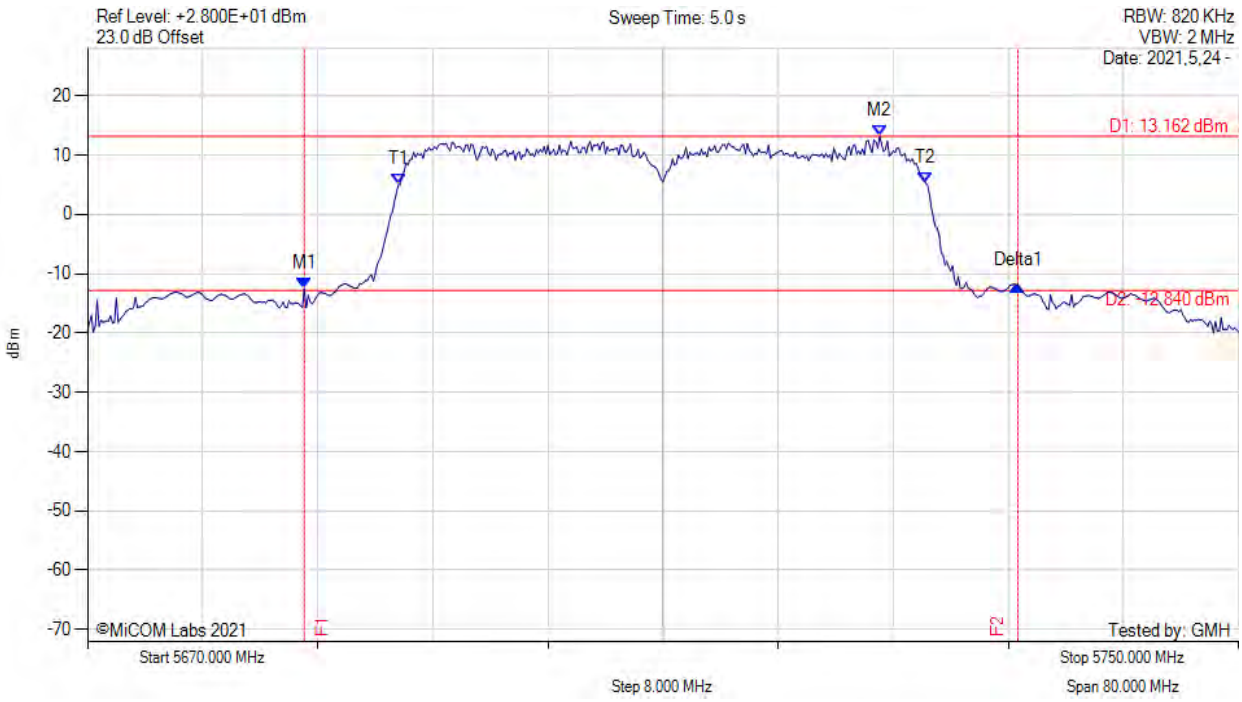


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5674.130 MHz : -14.085 dBm M2 : 5694.670 MHz : 11.797 dBm Delta1 : 68.400 MHz : -0.035 dB T1 : 5691.333 MHz : 2.604 dBm T2 : 5728.133 MHz : 4.456 dBm OBW : 36.929 MHz	Measured 26 dB Bandwidth: 68.400 MHz Measured 99% Bandwidth: 36.929 MHz

back to matrix

26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5710.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5685.070 MHz : -12.531 dBm M2 : 5725.070 MHz : 13.162 dBm Delta1 : 49.600 MHz : 0.474 dB T1 : 5691.600 MHz : 4.985 dBm T2 : 5728.267 MHz : 5.252 dBm OBW : 36.690 MHz	Measured 26 dB Bandwidth: 49.600 MHz Measured 99% Bandwidth: 36.690 MHz

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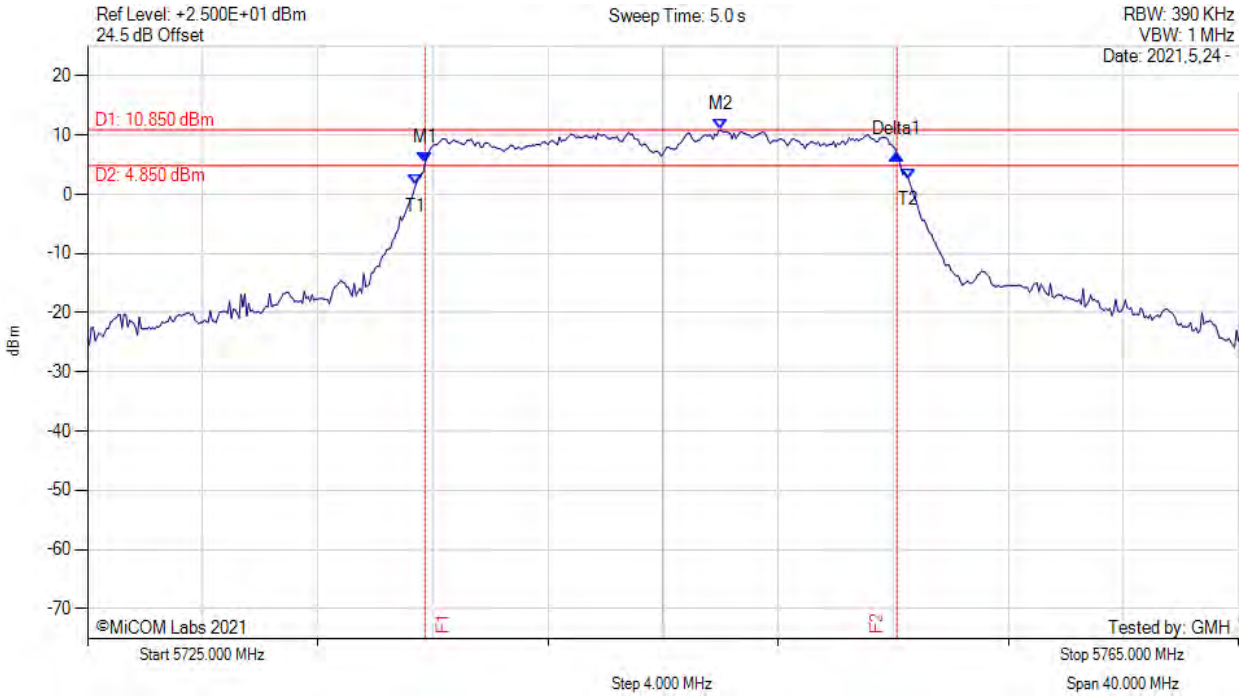
A.3. 6 dB & 99% Bandwidth

6 dB & 99% BANDWIDTH

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

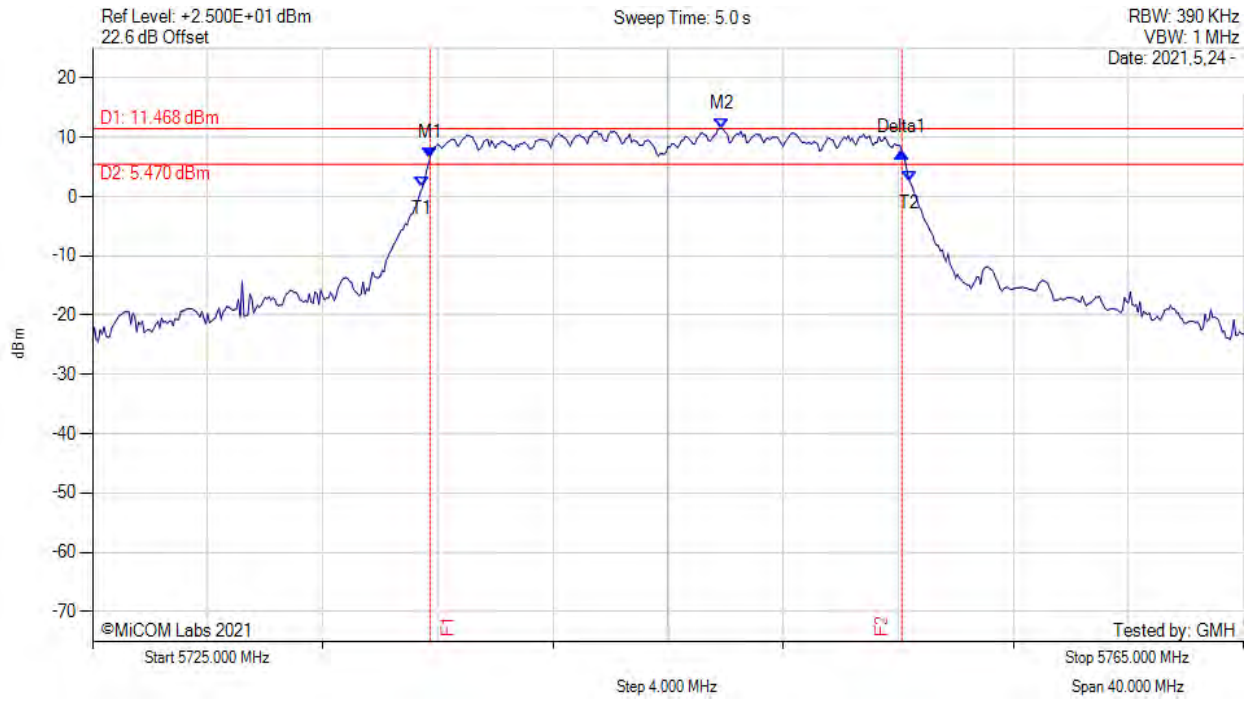


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.730 MHz : 5.271 dBm M2 : 5747.000 MHz : 10.850 dBm Delta1 : 16.400 MHz : 1.404 dB T1 : 5736.400 MHz : 1.539 dBm T2 : 5753.533 MHz : 2.651 dBm OBW : 17.137 MHz	Measured 6 dB Bandwidth: 16.400 MHz Measured 99% Bandwidth: 17.137 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

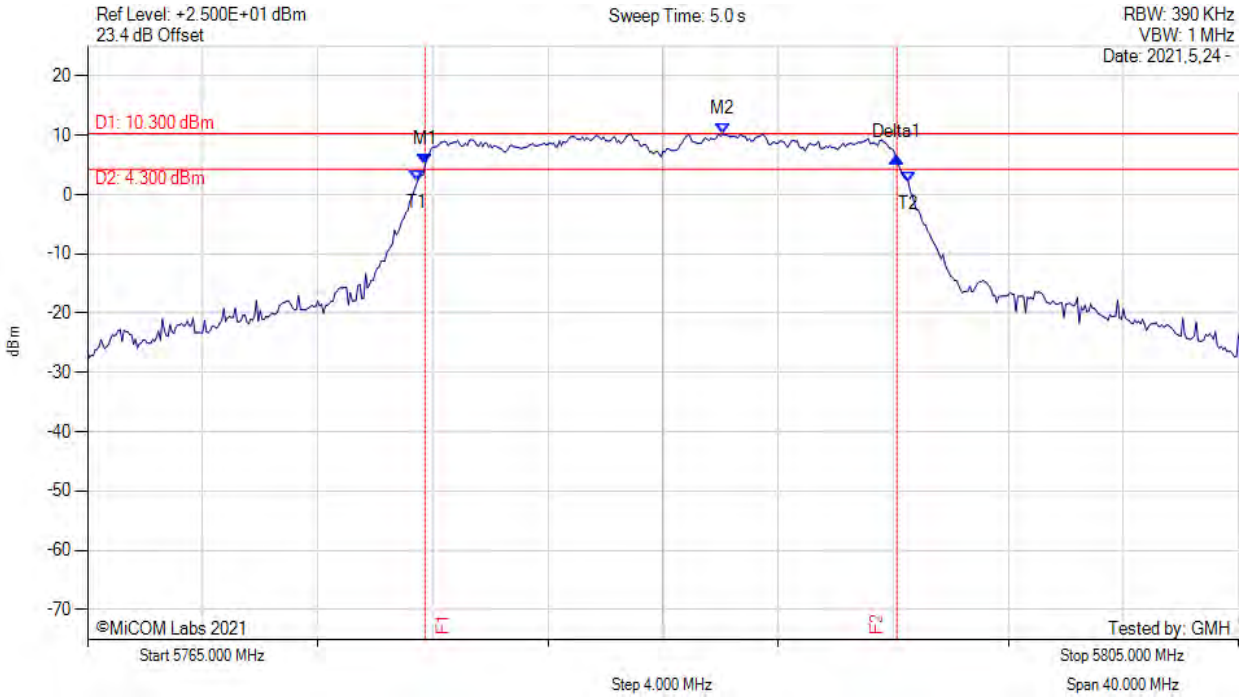


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.730 MHz : 6.610 dBm M2 : 5746.870 MHz : 11.468 dBm Delta1 : 16.400 MHz : 0.929 dB T1 : 5736.467 MHz : 1.552 dBm T2 : 5753.400 MHz : 2.511 dBm OBW : 16.958 MHz	Measured 6 dB Bandwidth: 16.400 MHz Measured 99% Bandwidth: 16.958 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

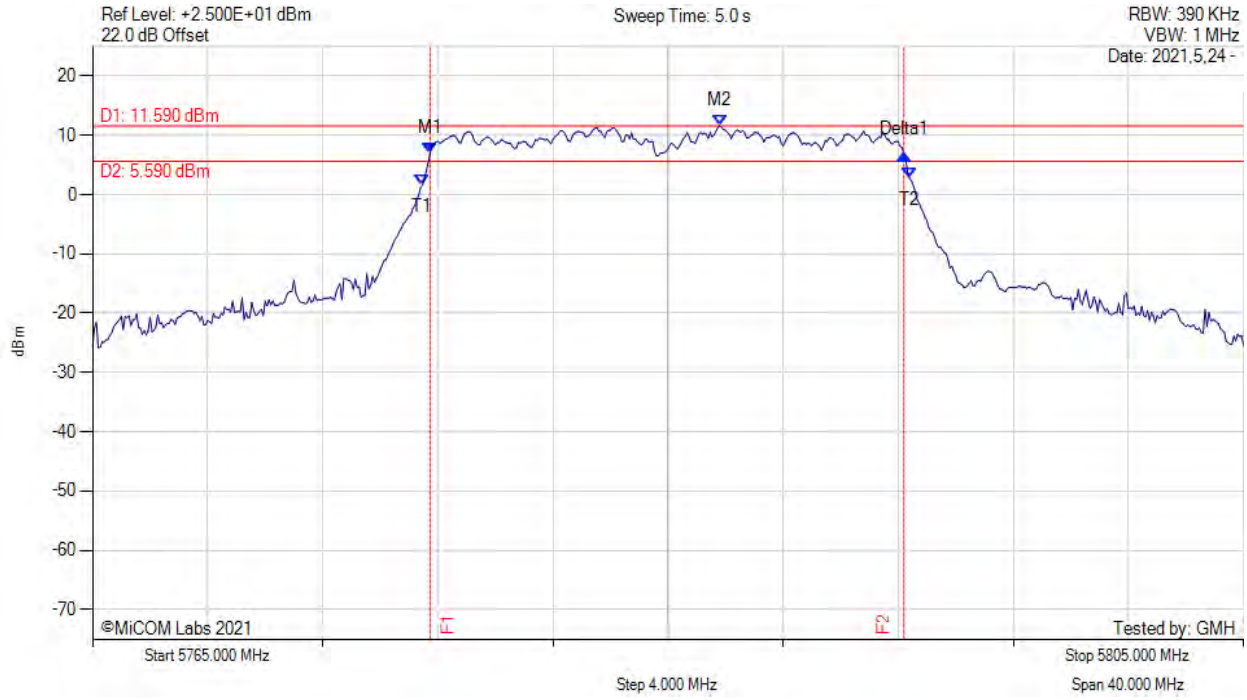


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5776.730 MHz : 5.012 dBm M2 : 5787.070 MHz : 10.300 dBm Delta1 : 16.400 MHz : 1.201 dB T1 : 5776.467 MHz : 2.268 dBm T2 : 5793.533 MHz : 2.065 dBm OBW : 17.079 MHz	Measured 6 dB Bandwidth: 16.400 MHz Measured 99% Bandwidth: 17.079 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

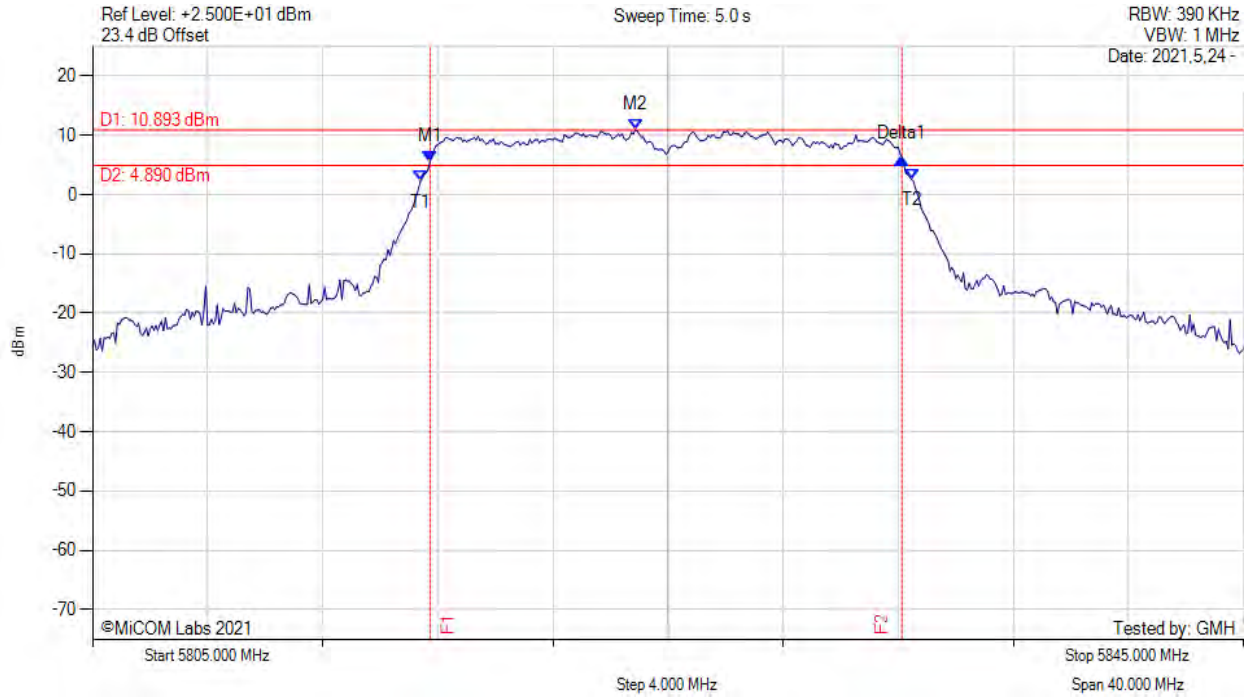


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5776.730 MHz : 7.076 dBm M2 : 5786.800 MHz : 11.590 dBm Delta1 : 16.470 MHz : -0.416 dB T1 : 5776.467 MHz : 1.600 dBm T2 : 5793.400 MHz : 2.685 dBm OBW : 16.950 MHz	Measured 6 dB Bandwidth: 16.470 MHz Measured 99% Bandwidth: 16.950 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

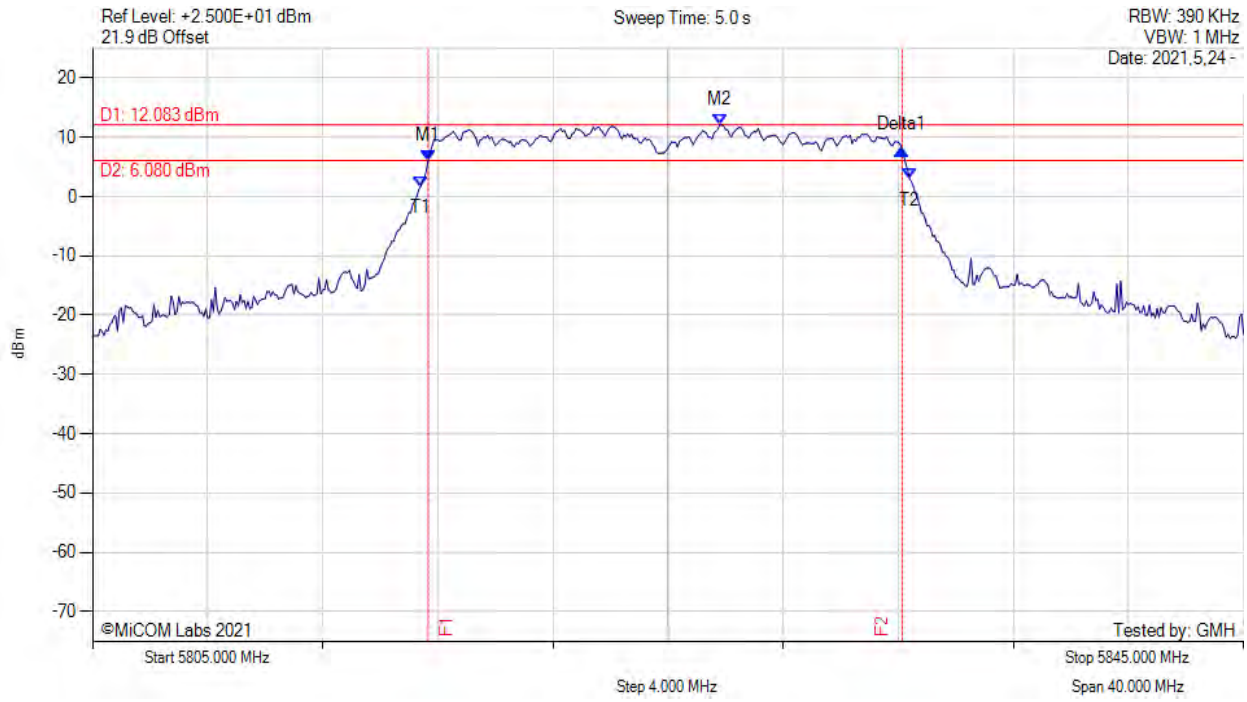


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5816.730 MHz : 5.583 dBm M2 : 5823.870 MHz : 10.893 dBm Delta1 : 16.400 MHz : 0.541 dB T1 : 5816.400 MHz : 2.314 dBm T2 : 5833.467 MHz : 2.598 dBm OBW : 17.080 MHz	Measured 6 dB Bandwidth: 16.400 MHz Measured 99% Bandwidth: 17.080 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

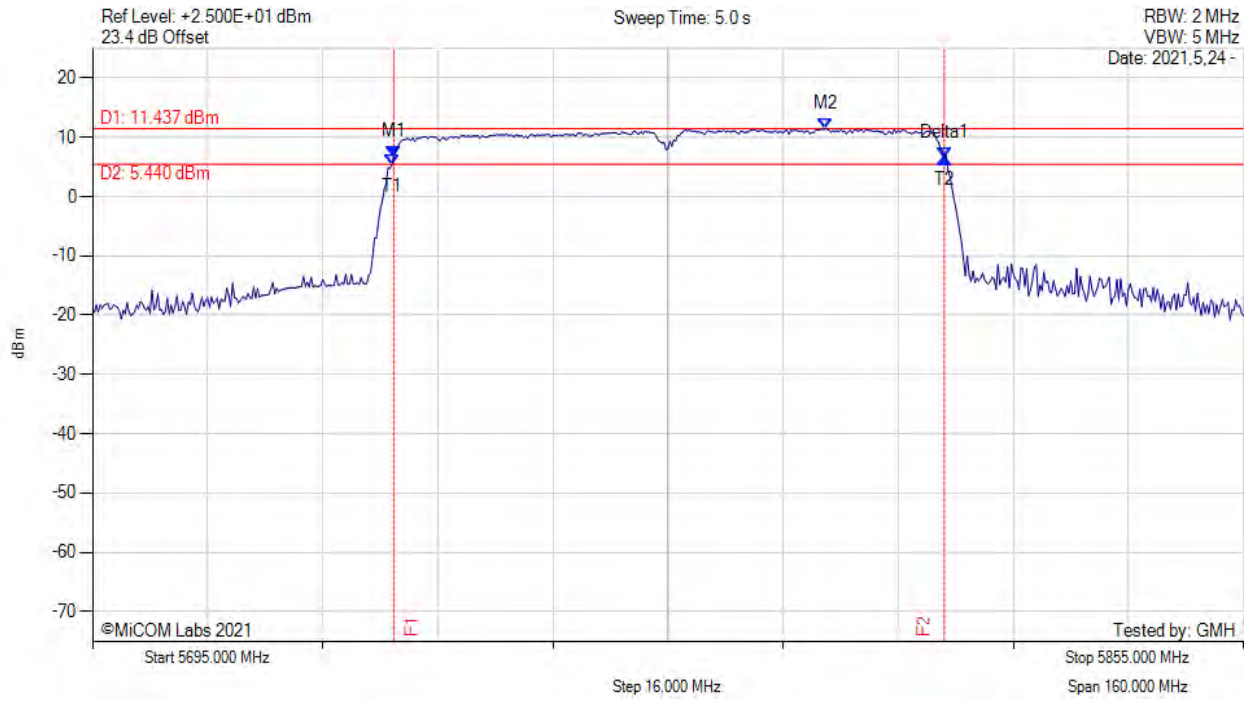


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5816.670 MHz : 6.124 dBm M2 : 5826.800 MHz : 12.083 dBm Delta1 : 16.470 MHz : 1.771 dB T1 : 5816.400 MHz : 1.724 dBm T2 : 5833.400 MHz : 2.944 dBm OBW : 16.998 MHz	Measured 6 dB Bandwidth: 16.470 MHz Measured 99% Bandwidth: 16.998 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

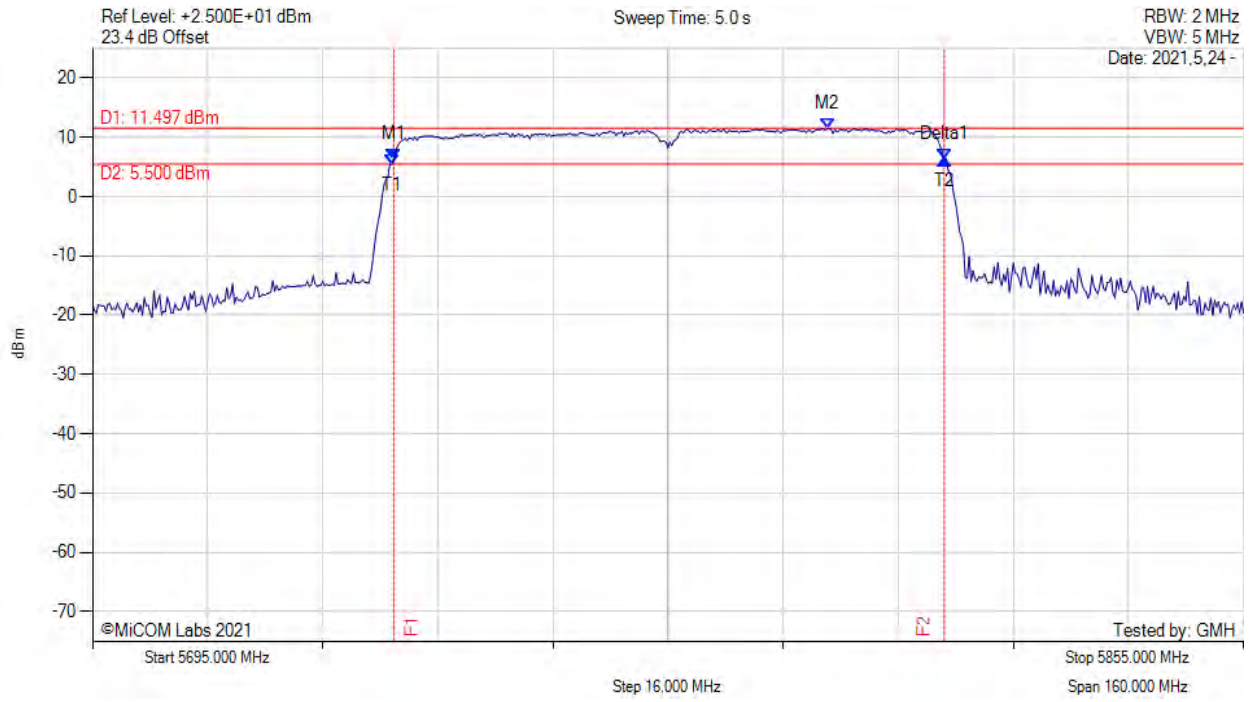


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.870 MHz : 6.801 dBm M2 : 5796.870 MHz : 11.437 dBm Delta1 : 76.530 MHz : -0.308 dB T1 : 5736.600 MHz : 5.237 dBm T2 : 5813.400 MHz : 6.493 dBm OBW : 76.864 MHz	Measured 6 dB Bandwidth: 76.530 MHz Measured 99% Bandwidth: 76.864 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

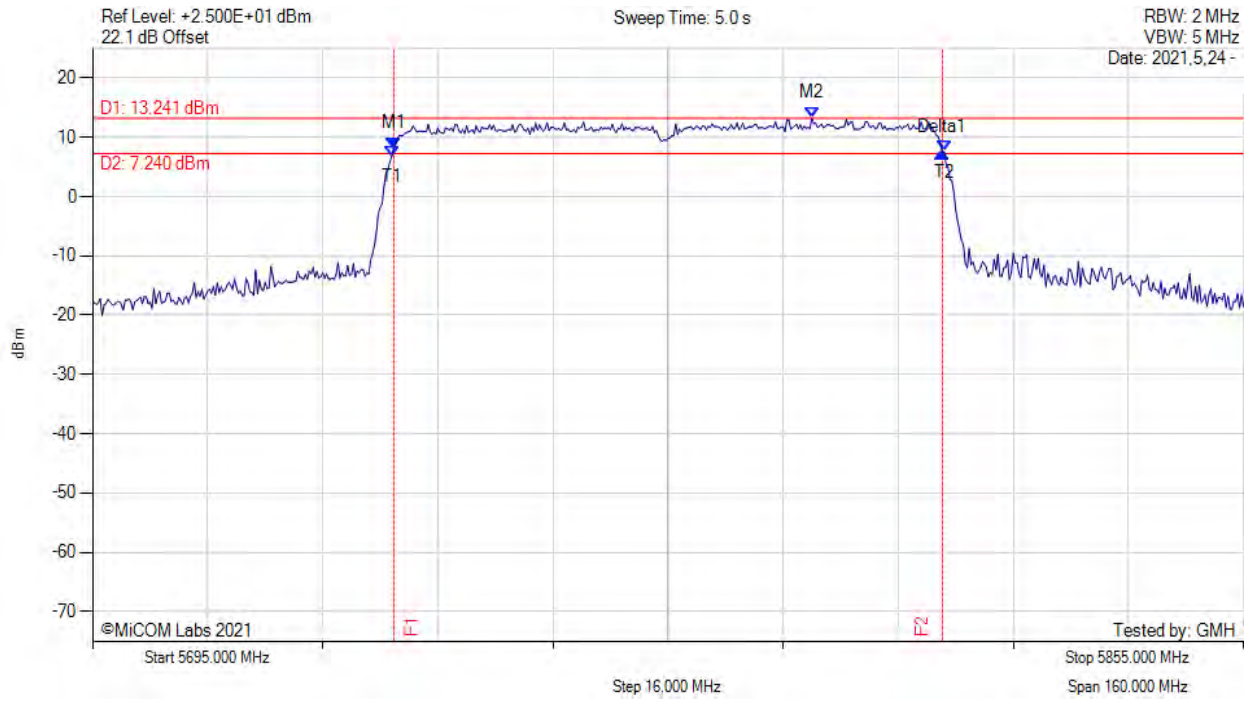


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.870 MHz : 6.248 dBm M2 : 5797.130 MHz : 11.497 dBm Delta1 : 76.530 MHz : 0.001 dB T1 : 5736.600 MHz : 5.435 dBm T2 : 5813.400 MHz : 6.249 dBm OBW : 76.921 MHz	Channel Frequency: 5775.00 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

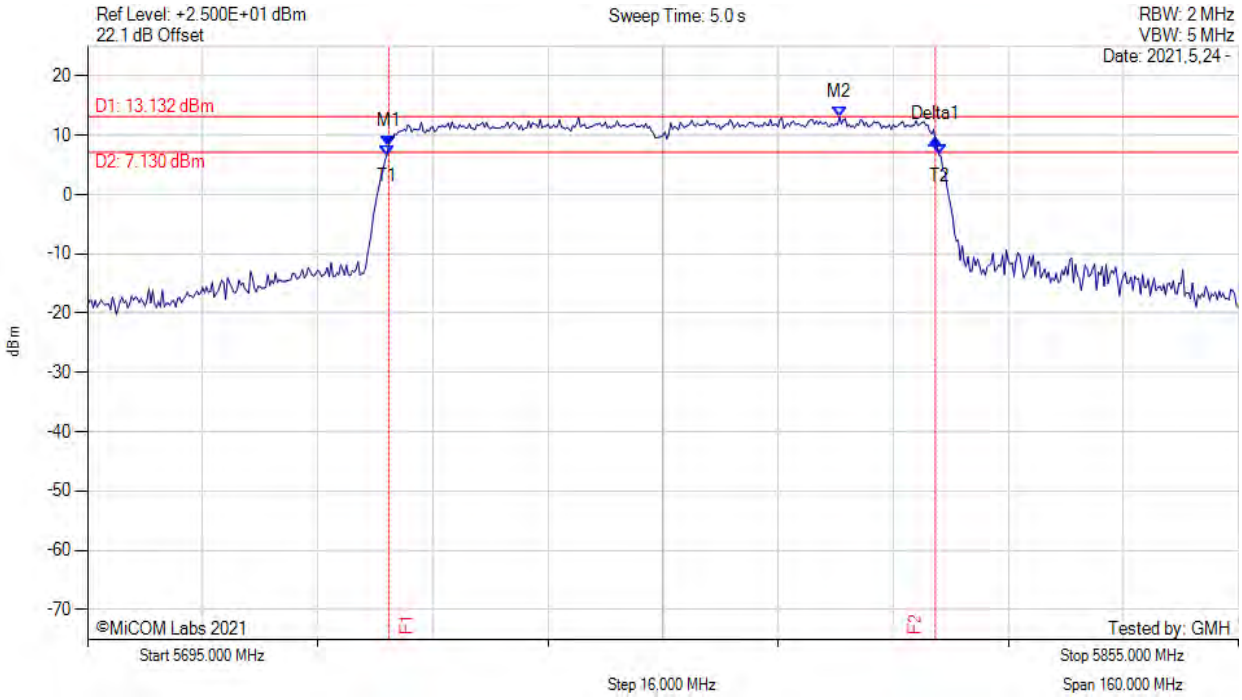


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.870 MHz : 8.234 dBm M2 : 5795.000 MHz : 13.241 dBm Delta1 : 76.270 MHz : -0.833 dB T1 : 5736.600 MHz : 6.809 dBm T2 : 5813.400 MHz : 7.577 dBm OBW : 76.740 MHz	Channel Frequency: 5775.00 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

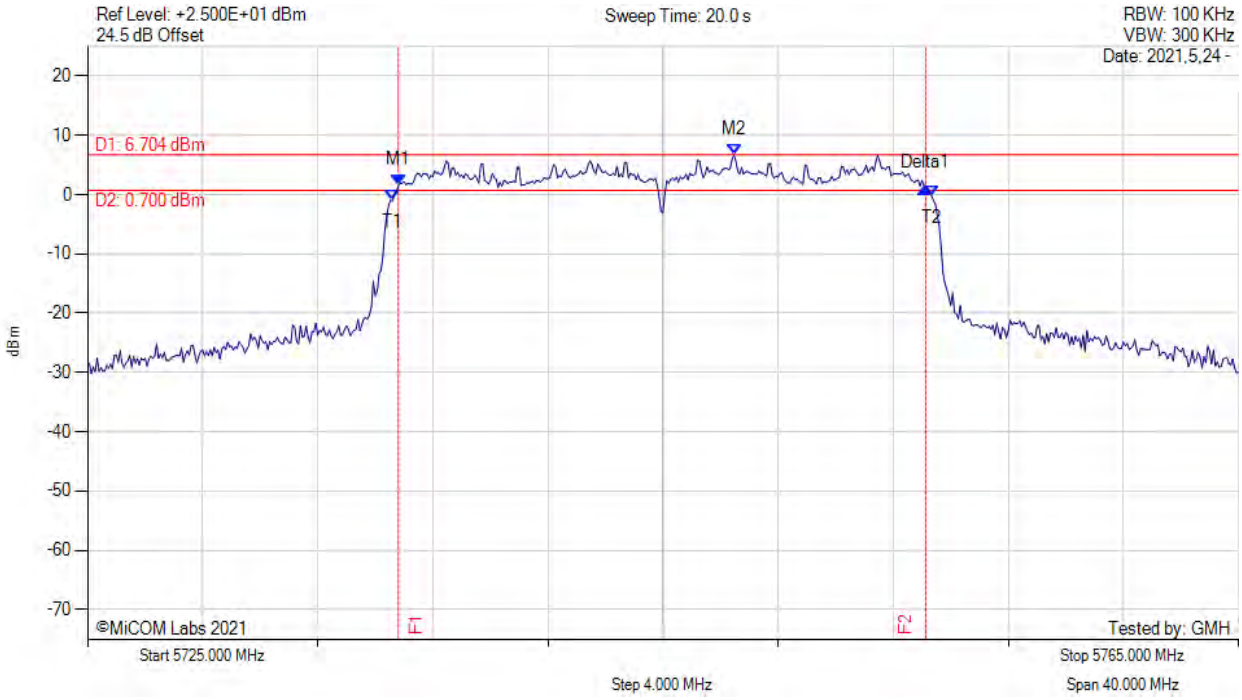


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.870 MHz : 8.203 dBm M2 : 5799.530 MHz : 13.132 dBm Delta1 : 76.000 MHz : 1.108 dB T1 : 5736.600 MHz : 6.588 dBm T2 : 5813.400 MHz : 6.682 dBm OBW : 76.619 MHz	Measured 6 dB Bandwidth: 76.000 MHz Measured 99% Bandwidth: 76.619 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

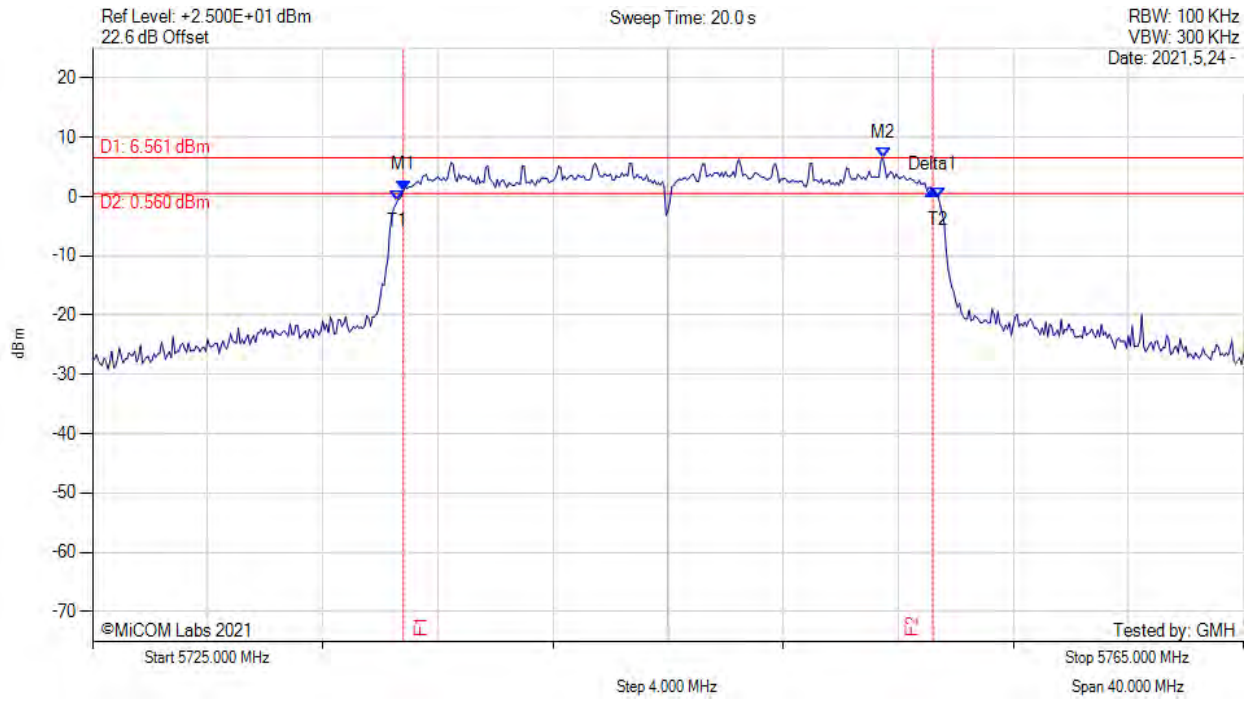


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5735.800 MHz : 1.526 dBm M2 : 5747.470 MHz : 6.704 dBm Delta1 : 18.330 MHz : -0.452 dB T1 : 5735.600 MHz : -1.041 dBm T2 : 5754.333 MHz : -0.236 dBm OBW : 18.756 MHz	Measured 6 dB Bandwidth: 18.330 MHz Measured 99% Bandwidth: 18.756 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

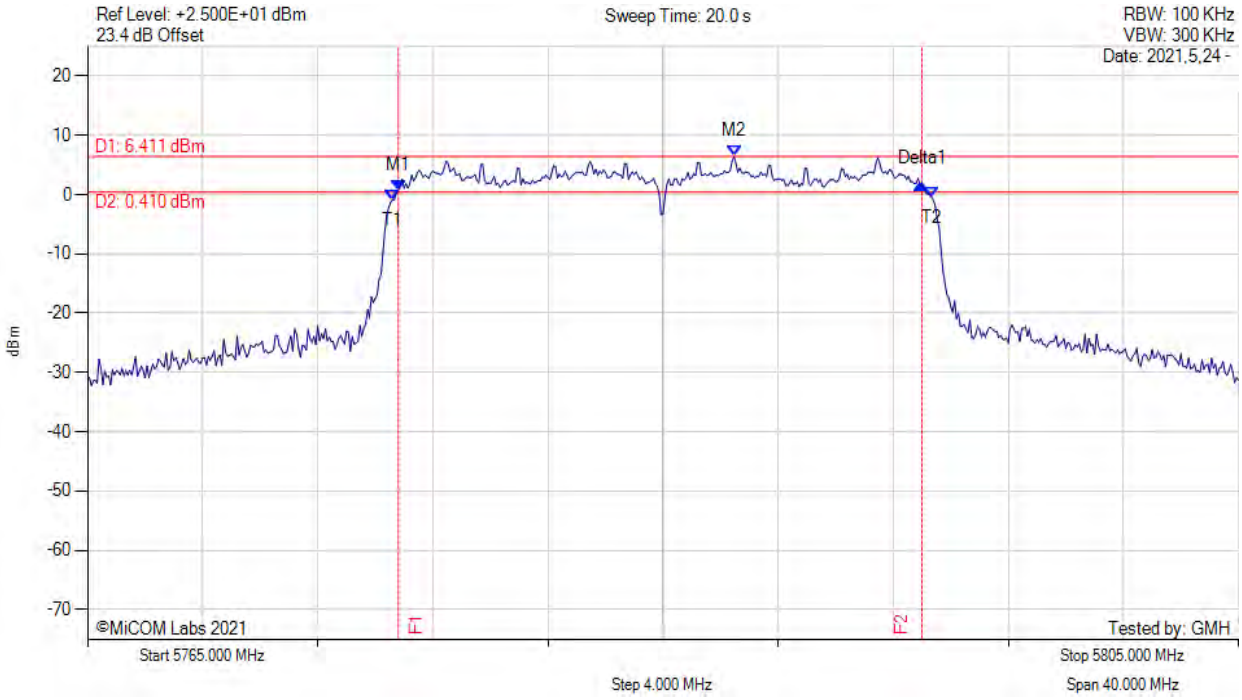


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5735.800 MHz : 1.019 dBm M2 : 5752.470 MHz : 6.561 dBm Delta1 : 18.400 MHz : 0.157 dB T1 : 5735.600 MHz : -0.663 dBm T2 : 5754.400 MHz : -0.259 dBm OBW : 18.808 MHz	Measured 6 dB Bandwidth: 18.400 MHz Measured 99% Bandwidth: 18.808 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

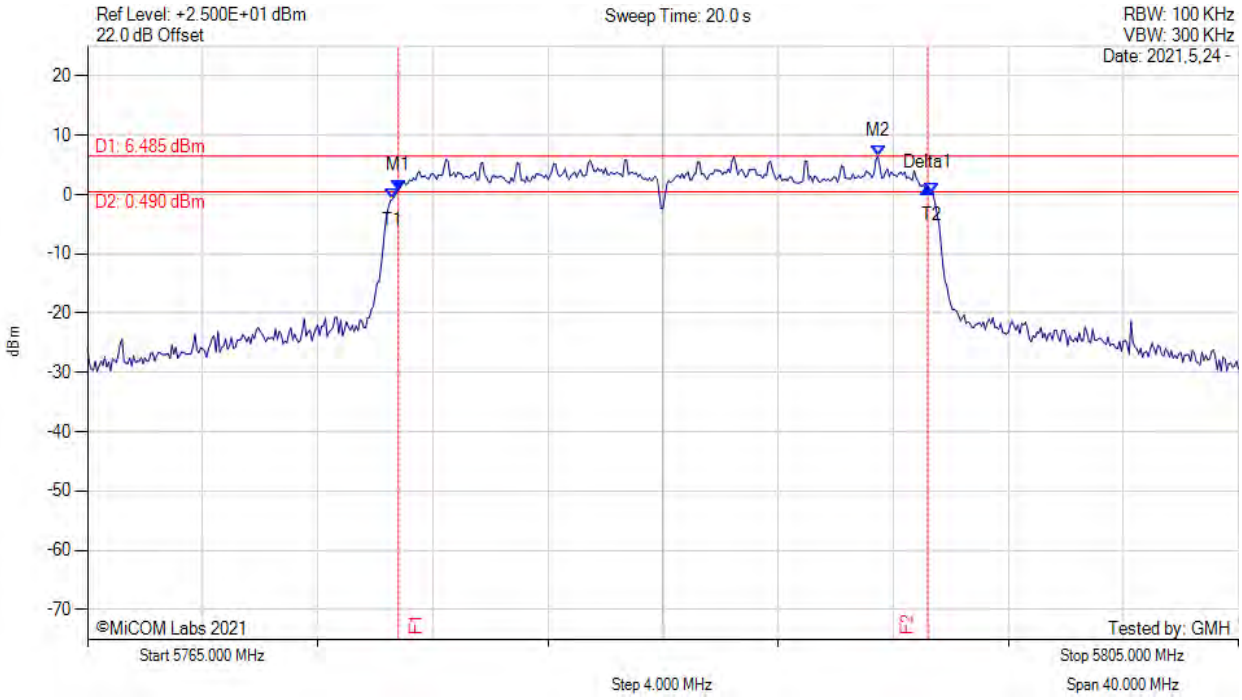


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5775.800 MHz : 0.751 dBm M2 : 5787.470 MHz : 6.411 dBm Delta1 : 18.200 MHz : 1.018 dB T1 : 5775.600 MHz : -0.896 dBm T2 : 5794.333 MHz : -0.410 dBm OBW : 18.741 MHz	Measured 6 dB Bandwidth: 18.200 MHz Measured 99% Bandwidth: 18.741 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

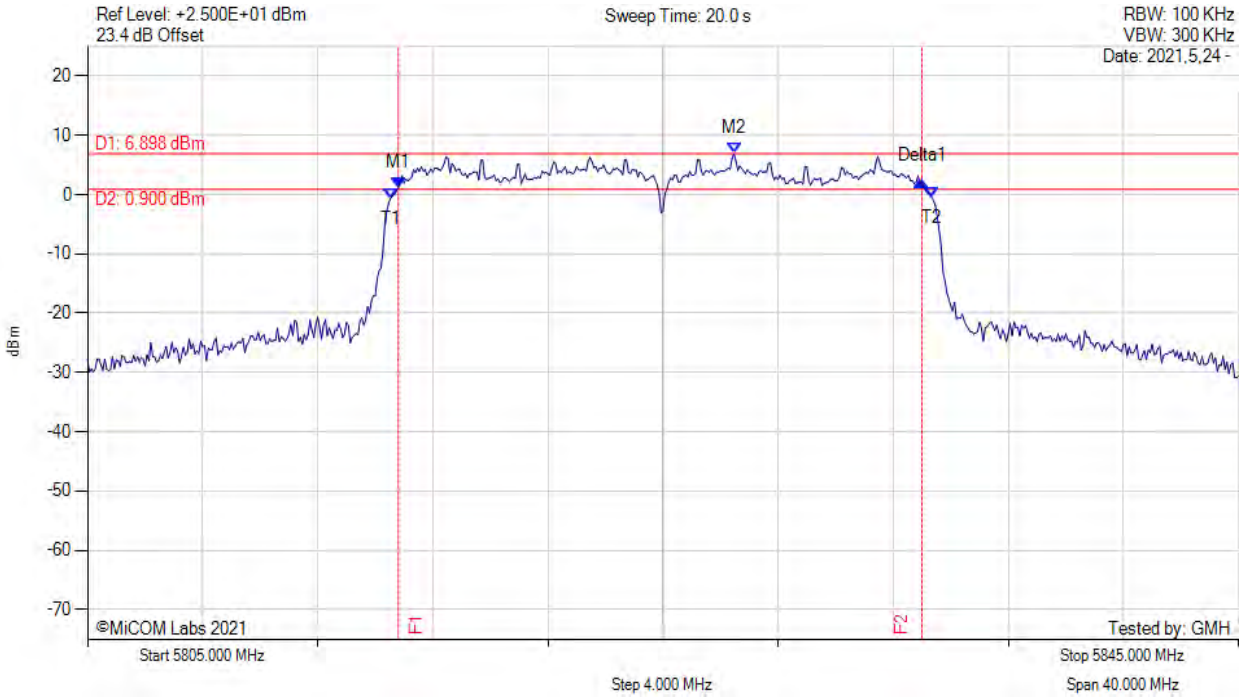


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5775.800 MHz : 0.696 dBm M2 : 5792.470 MHz : 6.485 dBm Delta1 : 18.400 MHz : 0.368 dB T1 : 5775.600 MHz : -0.746 dBm T2 : 5794.333 MHz : 0.228 dBm OBW : 18.775 MHz	Measured 6 dB Bandwidth: 18.400 MHz Measured 99% Bandwidth: 18.775 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

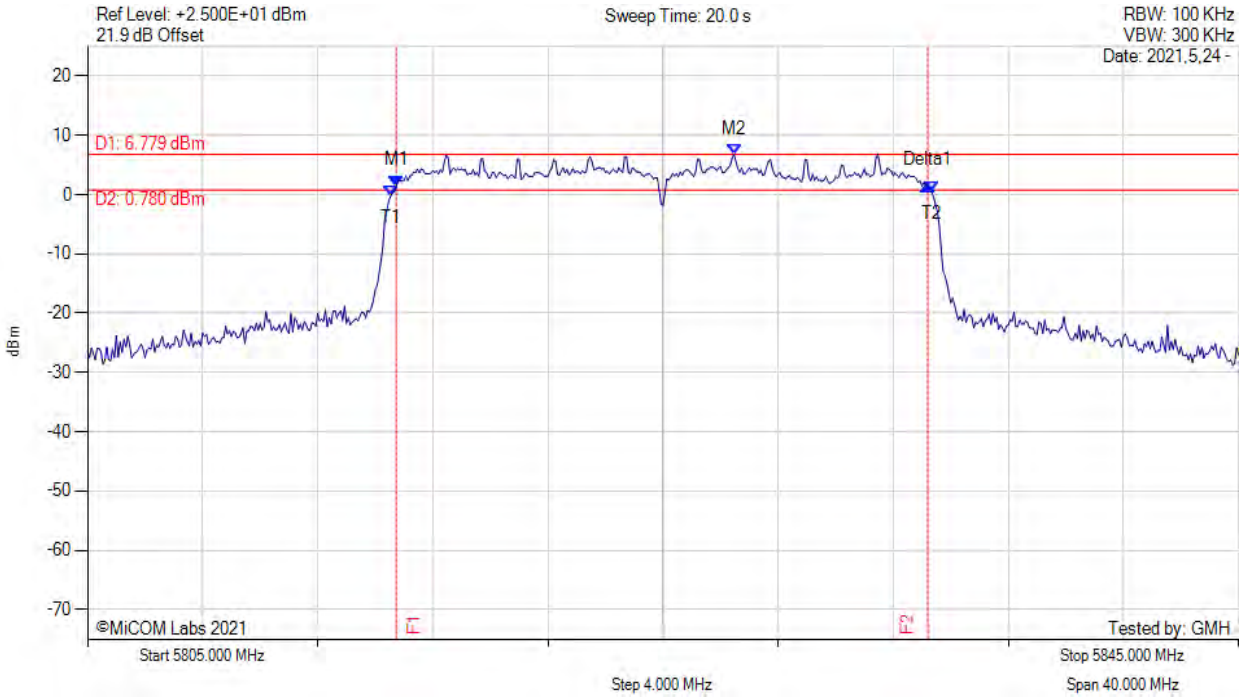


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5815.800 MHz : 1.178 dBm M2 : 5827.470 MHz : 6.898 dBm Delta1 : 18.200 MHz : 1.022 dB T1 : 5815.533 MHz : -0.616 dBm T2 : 5834.333 MHz : -0.434 dBm OBW : 18.746 MHz	Measured 6 dB Bandwidth: 18.200 MHz Measured 99% Bandwidth: 18.746 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

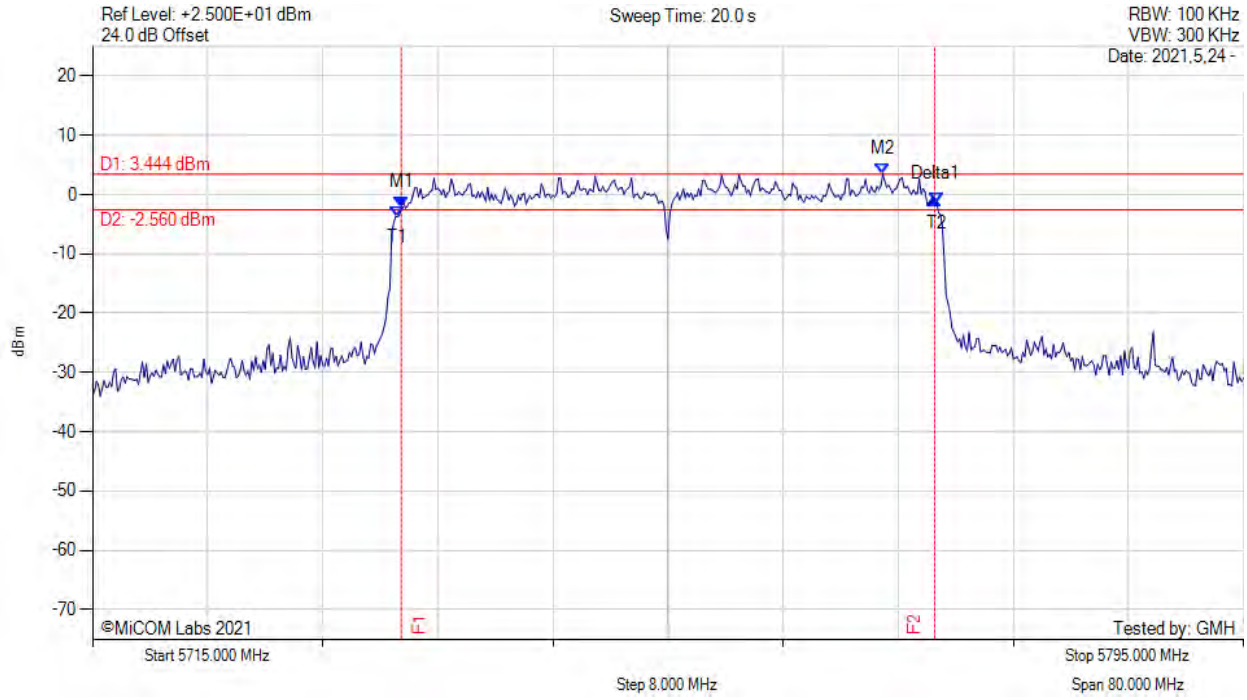


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5815.730 MHz : 1.488 dBm M2 : 5827.470 MHz : 6.779 dBm Delta1 : 18.470 MHz : 0.081 dB T1 : 5815.533 MHz : -0.297 dBm T2 : 5834.333 MHz : 0.445 dBm OBW : 18.796 MHz	Measured 6 dB Bandwidth: 18.470 MHz Measured 99% Bandwidth: 18.796 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5755.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

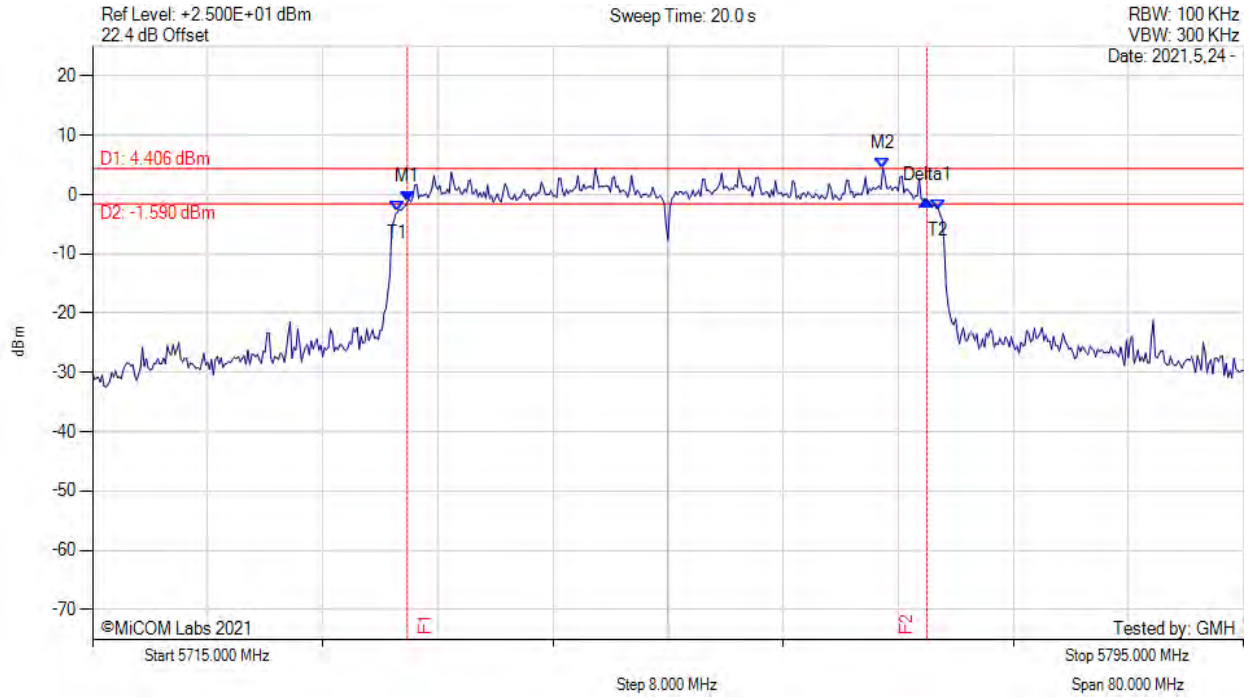


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.470 MHz : -2.226 dBm M2 : 5769.930 MHz : 3.444 dBm Delta1 : 37.070 MHz : 1.450 dB T1 : 5736.200 MHz : -3.733 dBm T2 : 5773.667 MHz : -1.383 dBm OBW : 37.450 MHz	Measured 6 dB Bandwidth: 37.070 MHz Measured 99% Bandwidth: 37.450 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5755.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

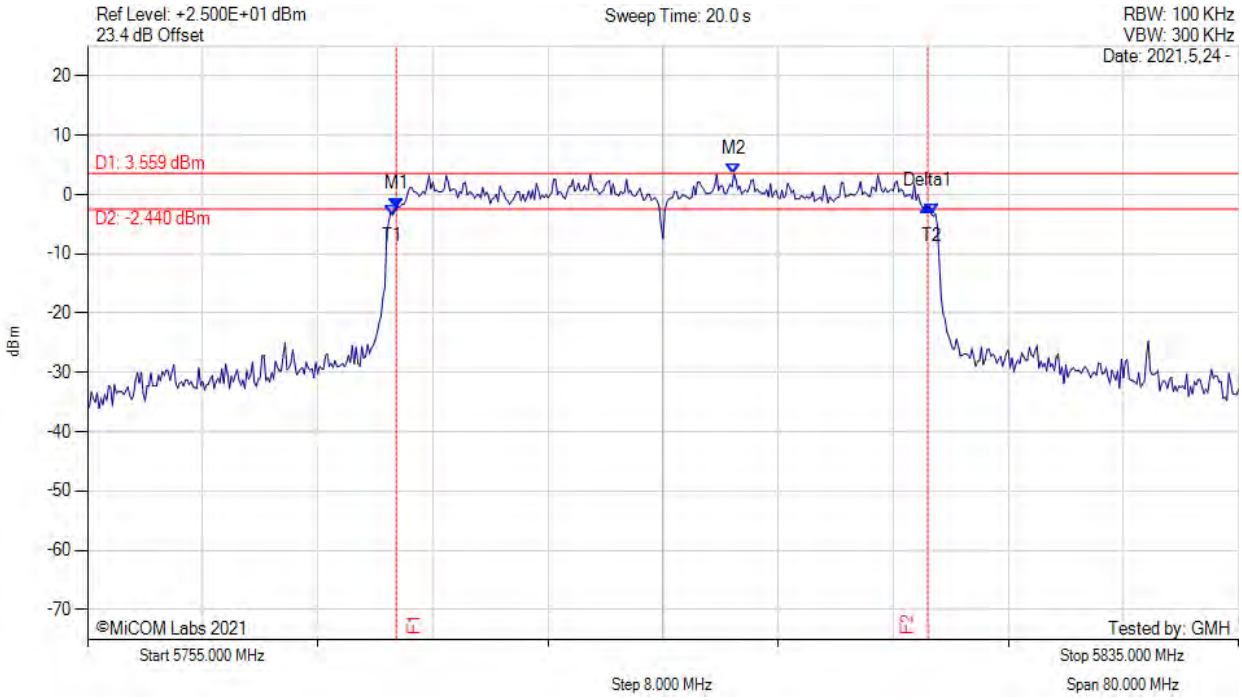


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.870 MHz : -1.285 dBm M2 : 5769.930 MHz : 4.406 dBm Delta1 : 36.130 MHz : 0.330 dB T1 : 5736.200 MHz : -2.933 dBm T2 : 5773.800 MHz : -2.481 dBm OBW : 37.578 MHz	Measured 6 dB Bandwidth: 36.130 MHz Measured 99% Bandwidth: 37.578 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5795.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

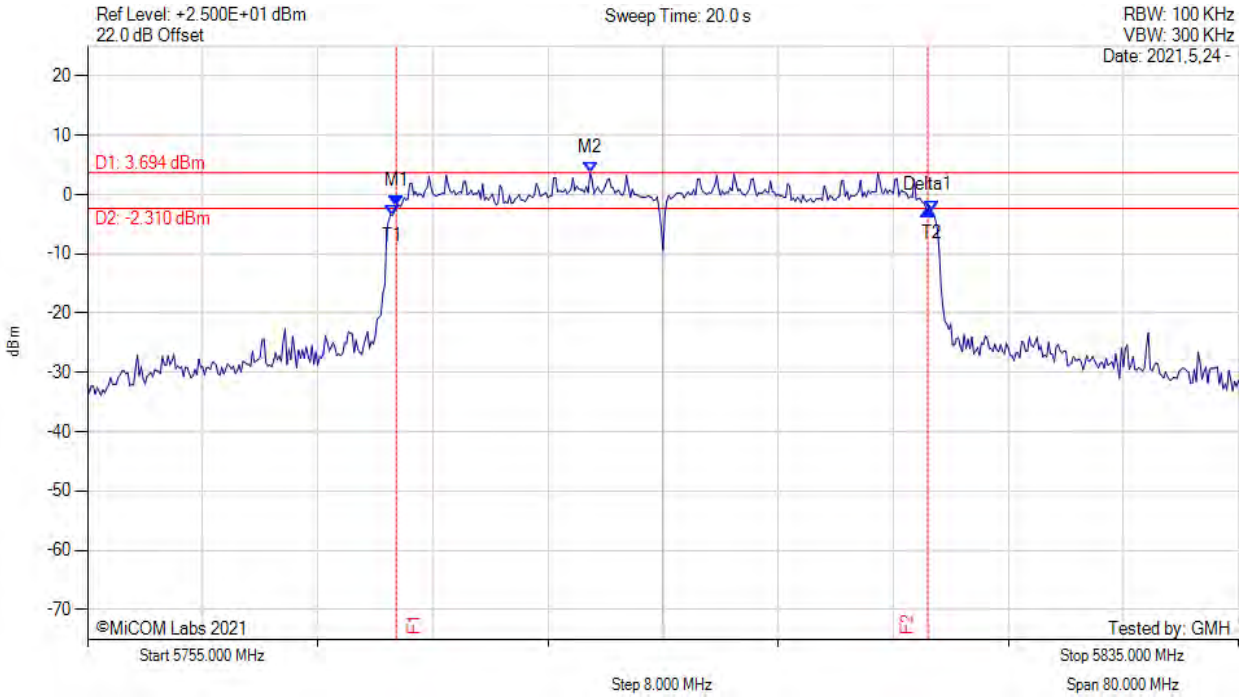


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5776.470 MHz : -2.436 dBm M2 : 5799.930 MHz : 3.559 dBm Delta1 : 36.930 MHz : 0.446 dB T1 : 5776.200 MHz : -3.468 dBm T2 : 5813.667 MHz : -3.373 dBm OBW : 37.446 MHz	Measured 6 dB Bandwidth: 36.930 MHz Measured 99% Bandwidth: 37.446 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-40, Channel: 5795.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

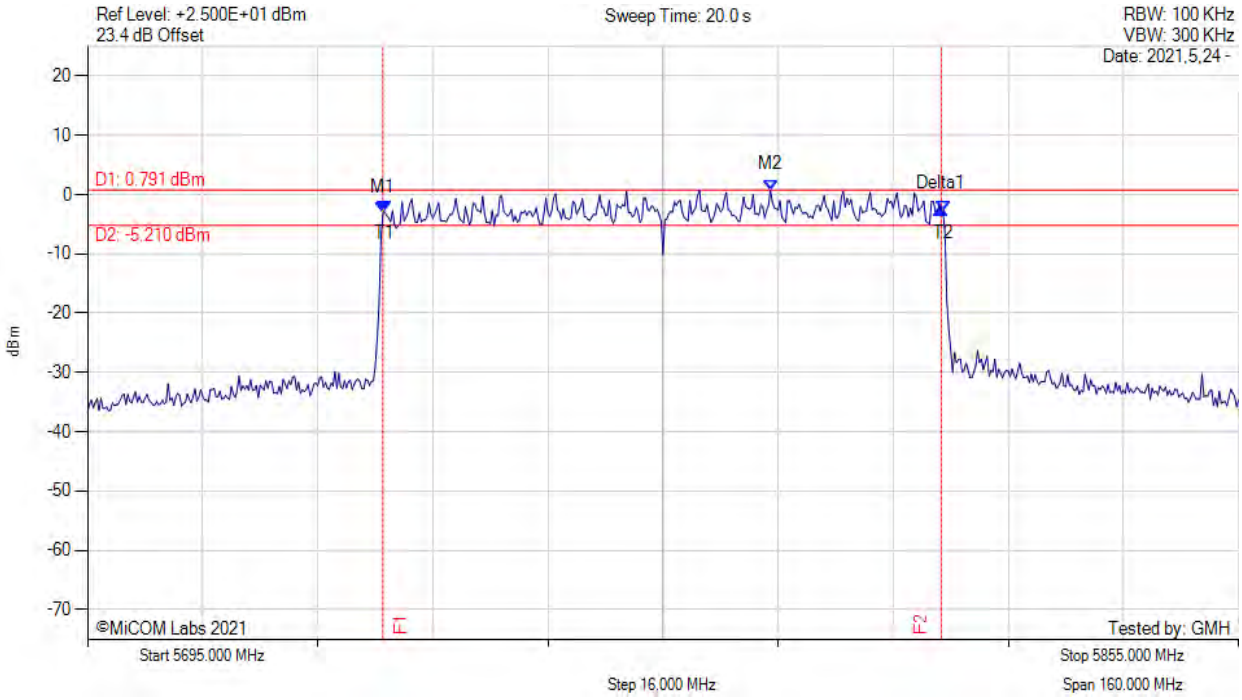


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5776.470 MHz : -1.868 dBm M2 : 5789.930 MHz : 3.694 dBm Delta1 : 36.930 MHz : -0.673 dB T1 : 5776.200 MHz : -3.469 dBm T2 : 5813.667 MHz : -2.820 dBm OBW : 37.504 MHz	Measured 6 dB Bandwidth: 36.930 MHz Measured 99% Bandwidth: 37.504 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5775.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

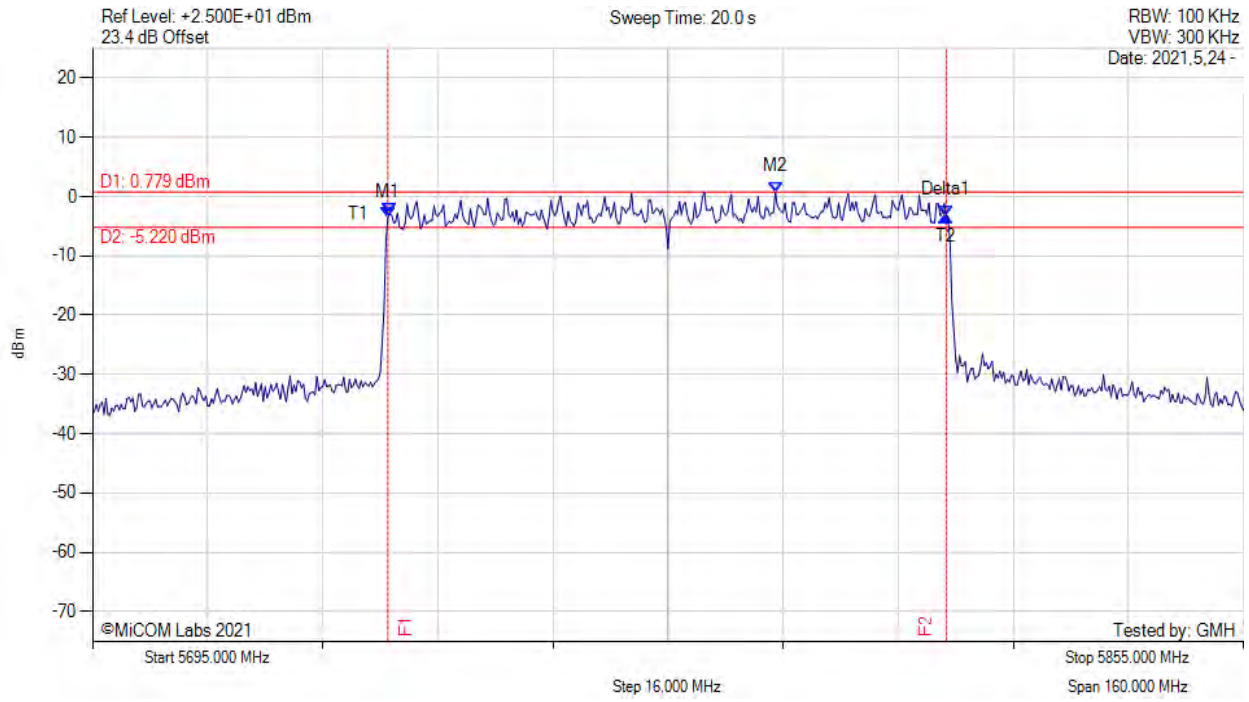


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.070 MHz : -3.113 dBm M2 : 5789.930 MHz : 0.791 dBm Delta1 : 77.600 MHz : 0.664 dB T1 : 5736.333 MHz : -2.913 dBm T2 : 5813.933 MHz : -2.828 dBm OBW : 77.475 MHz	Channel Frequency: 5775.00 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5775.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc

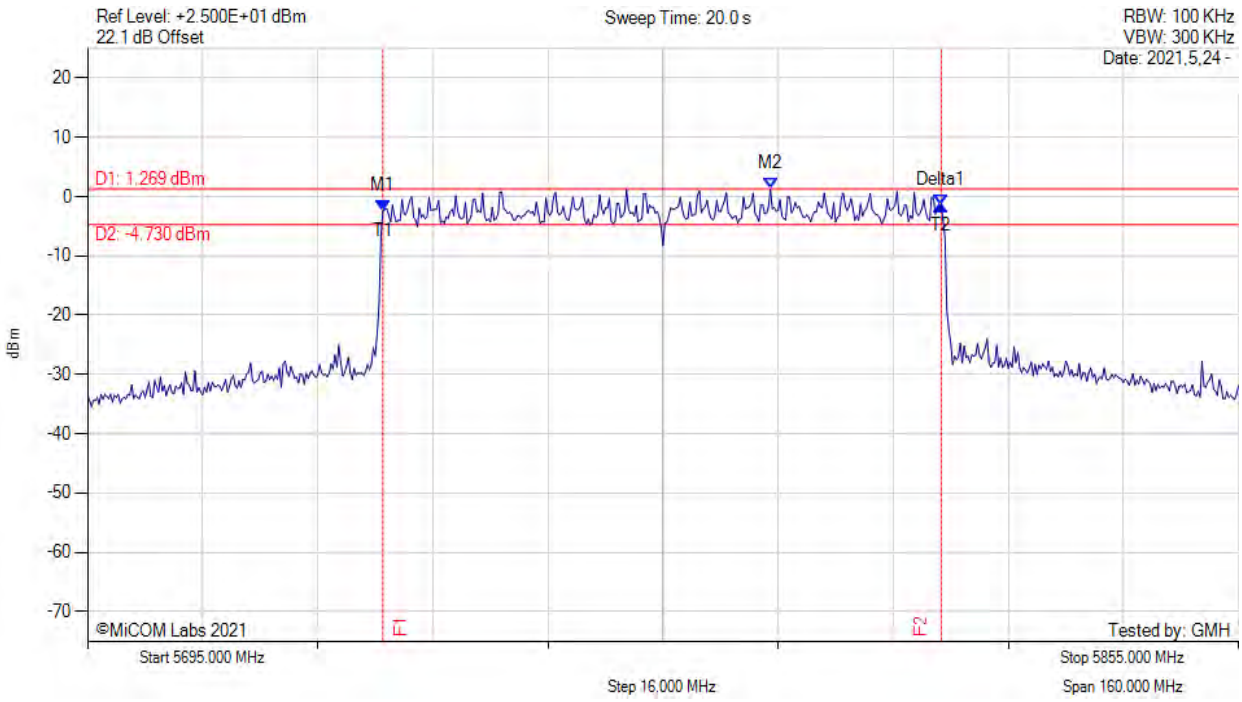


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.070 MHz : -3.507 dBm M2 : 5789.930 MHz : 0.779 dBm Delta1 : 77.600 MHz : 0.311 dB T1 : 5736.333 MHz : -2.938 dBm T2 : 5813.667 MHz : -3.196 dBm OBW : 77.394 MHz	Measured 6 dB Bandwidth: 77.600 MHz Measured 99% Bandwidth: 77.394 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5775.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

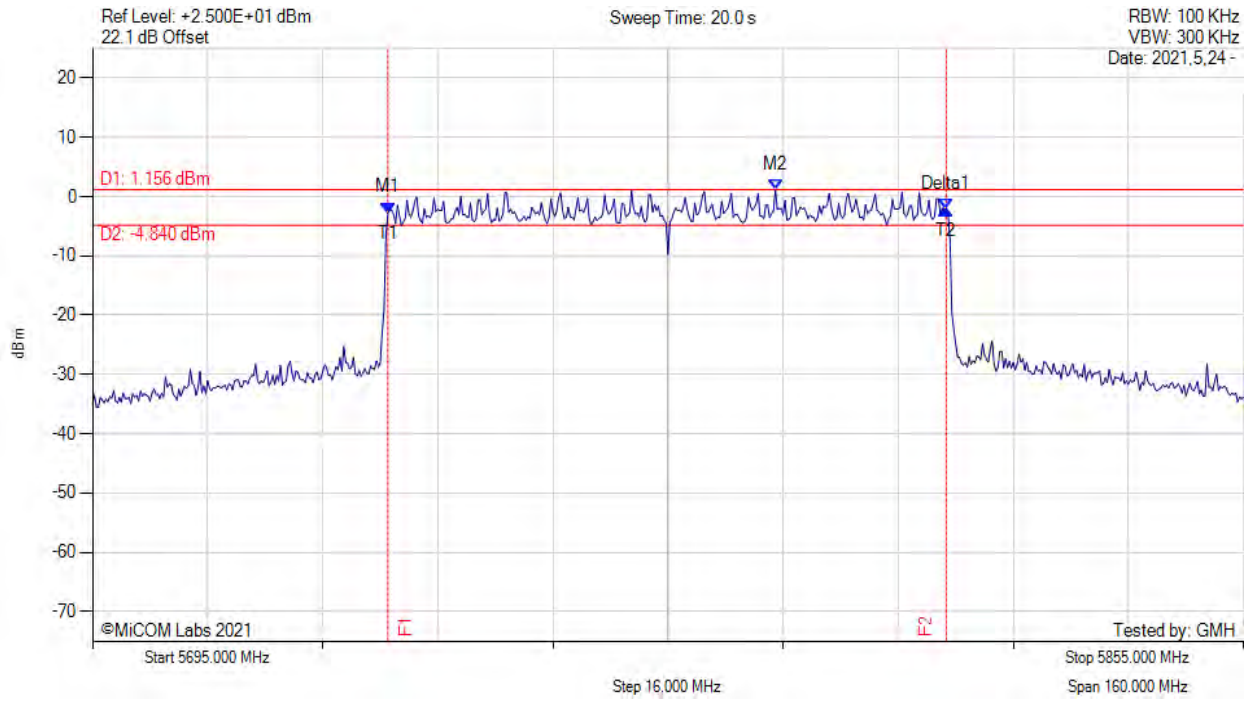


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.070 MHz : -2.273 dBm M2 : 5789.930 MHz : 1.269 dBm Delta1 : 77.600 MHz : 0.878 dB T1 : 5736.067 MHz : -2.273 dBm T2 : 5813.667 MHz : -1.395 dBm OBW : 77.472 MHz	Measured 6 dB Bandwidth: 77.600 MHz Measured 99% Bandwidth: 77.472 MHz

back to matrix

6 dB & 99% BANDWIDTH

Variant: 802.11ax-80, Channel: 5775.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc

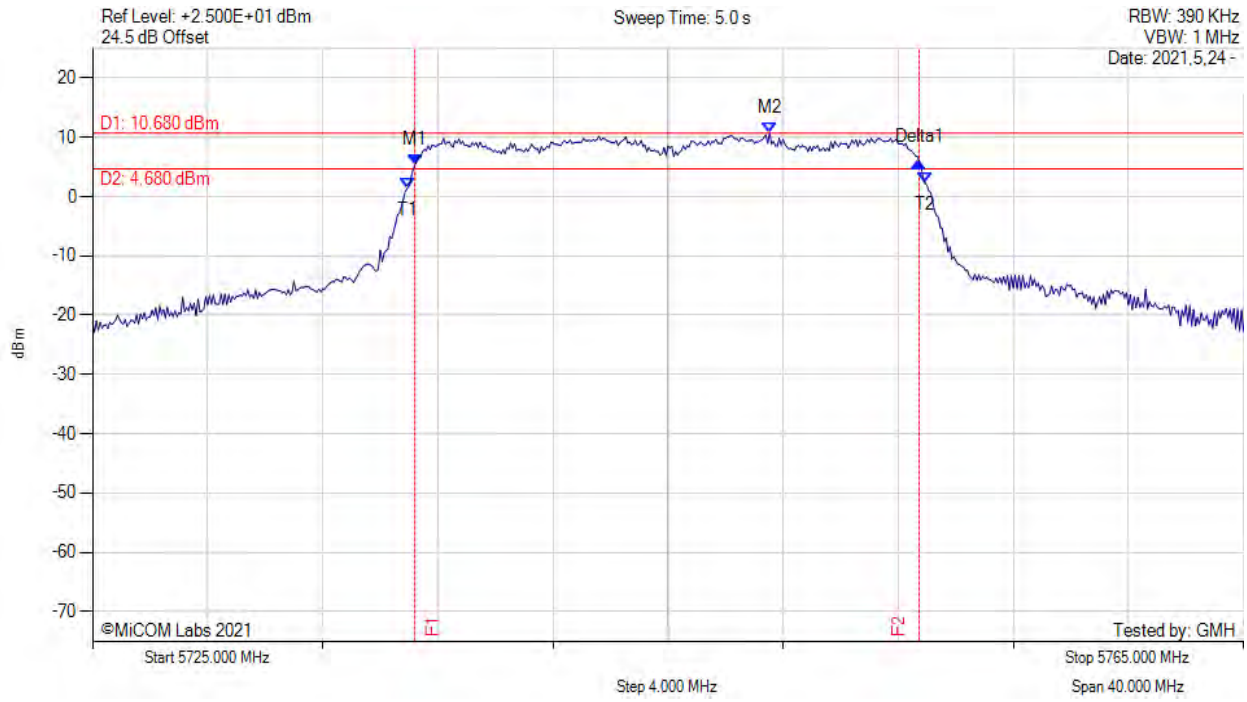


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.070 MHz : -2.734 dBm M2 : 5789.930 MHz : 1.156 dBm Delta1 : 77.600 MHz : 0.618 dB T1 : 5736.067 MHz : -2.734 dBm T2 : 5813.667 MHz : -2.116 dBm OBW : 77.500 MHz	Channel Frequency: 5775.00 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

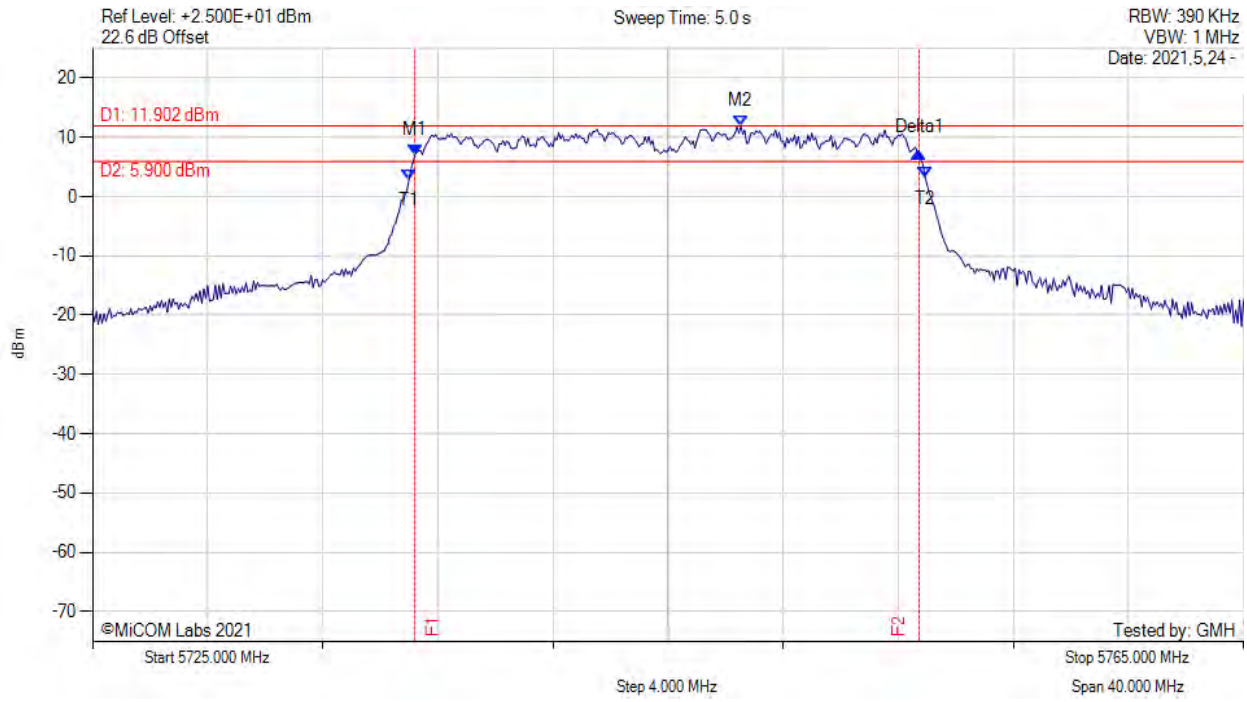


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.200 MHz : 5.288 dBm M2 : 5748.530 MHz : 10.680 dBm Delta1 : 17.530 MHz : 0.543 dB T1 : 5735.933 MHz : 1.320 dBm T2 : 5753.933 MHz : 2.238 dBm OBW : 18.027 MHz	Measured 6 dB Bandwidth: 17.530 MHz Measured 99% Bandwidth: 18.027 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

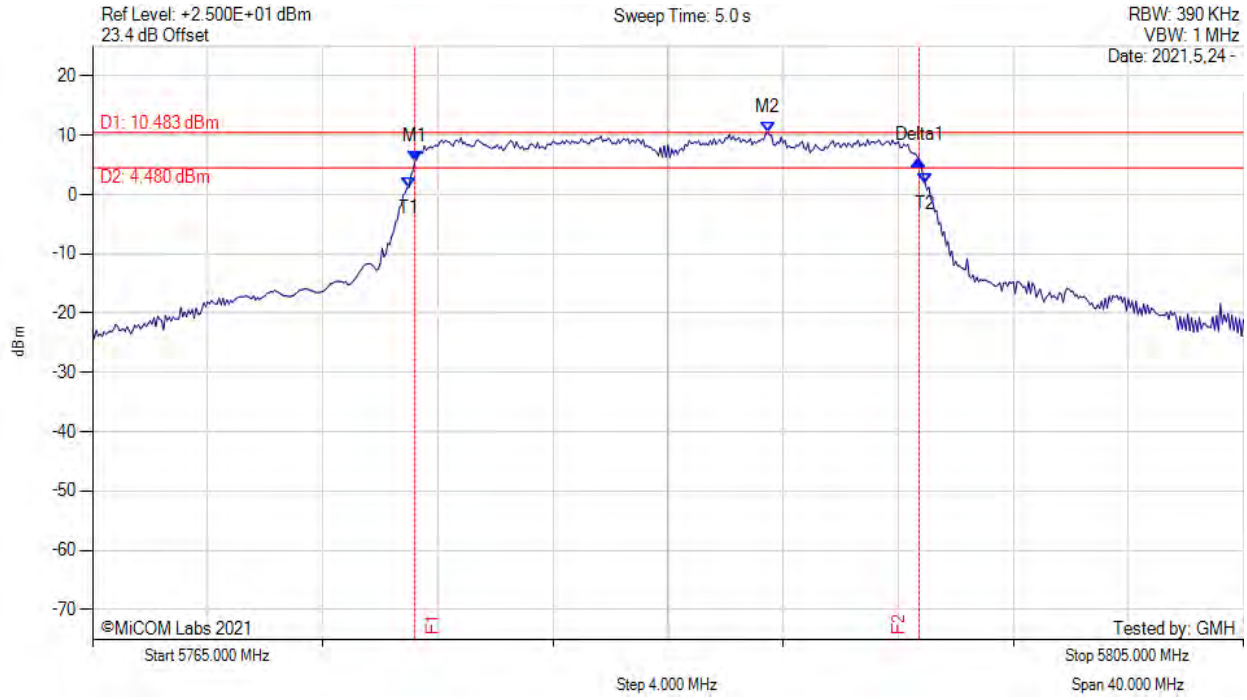


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5736.200 MHz : 7.054 dBm M2 : 5747.530 MHz : 11.902 dBm Delta1 : 17.530 MHz : 0.390 dB T1 : 5736.000 MHz : 2.895 dBm T2 : 5753.933 MHz : 3.234 dBm OBW : 17.947 MHz	Measured 6 dB Bandwidth: 17.530 MHz Measured 99% Bandwidth: 17.947 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

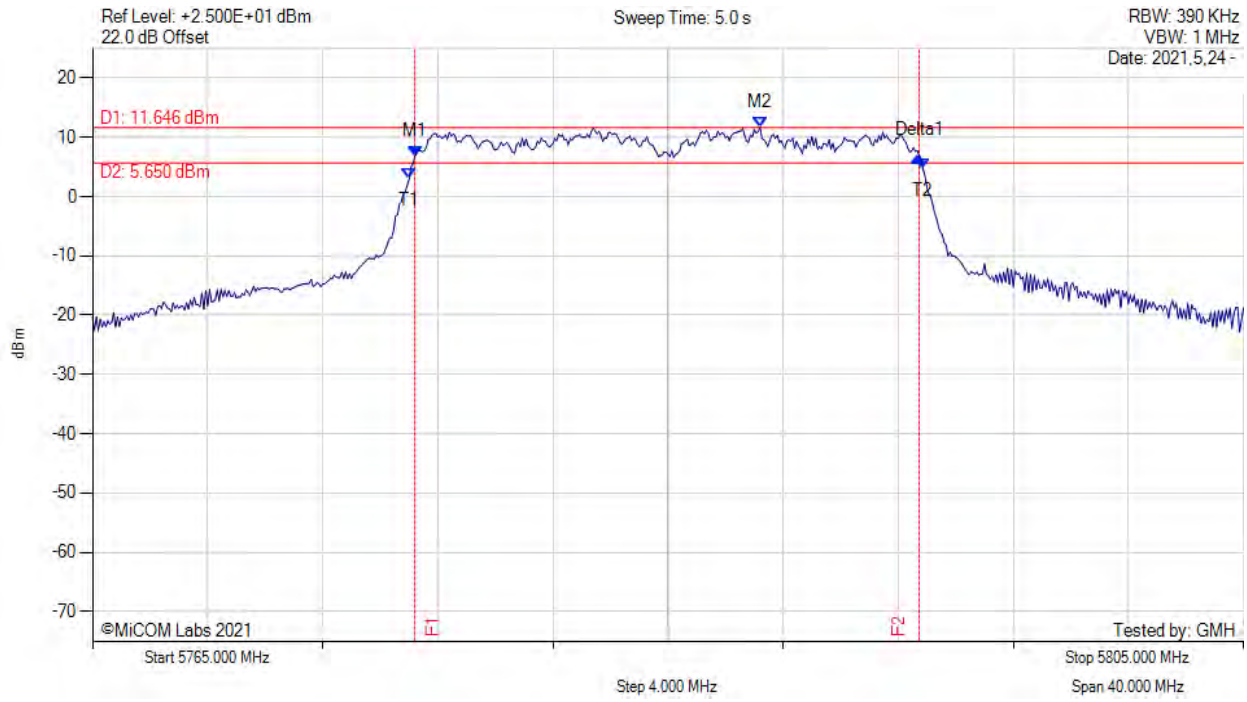


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5776.200 MHz : 5.655 dBm M2 : 5788.470 MHz : 10.483 dBm Delta1 : 17.530 MHz : 0.198 dB T1 : 5776.000 MHz : 1.257 dBm T2 : 5793.933 MHz : 1.912 dBm OBW : 17.974 MHz	Measured 6 dB Bandwidth: 17.530 MHz Measured 99% Bandwidth: 17.974 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

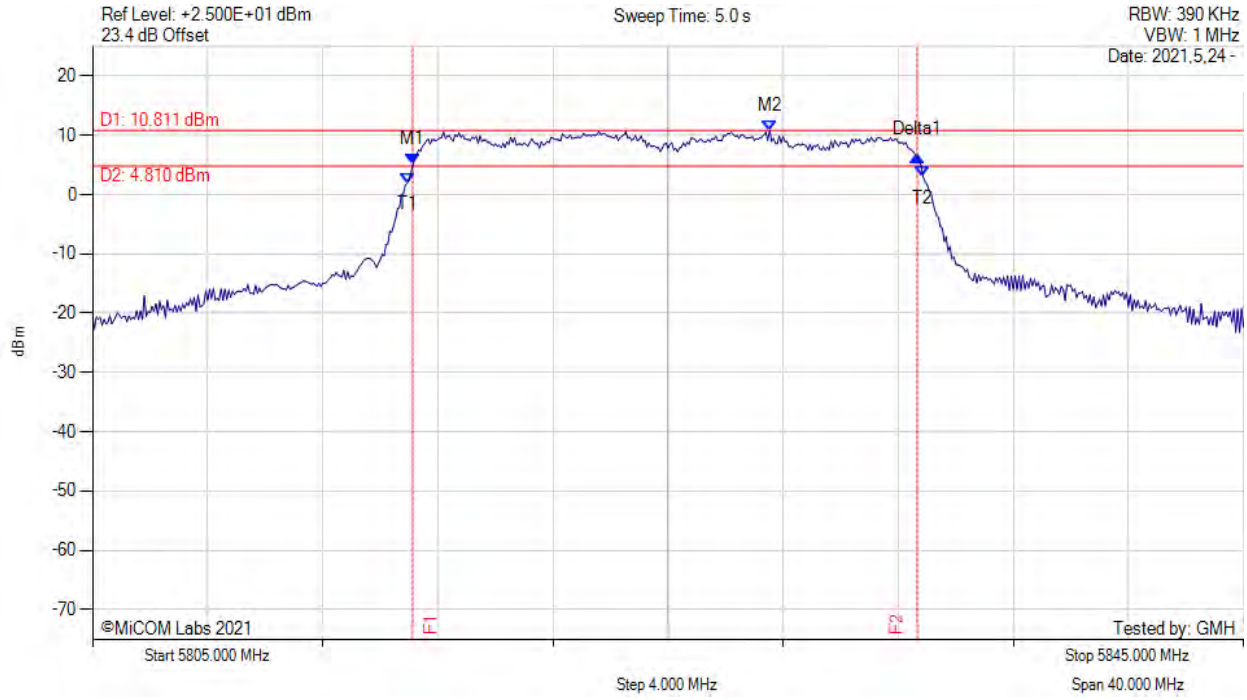


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5776.200 MHz : 6.798 dBm M2 : 5788.200 MHz : 11.646 dBm Delta1 : 17.530 MHz : 0.052 dB T1 : 5776.000 MHz : 2.917 dBm T2 : 5793.867 MHz : 4.554 dBm OBW : 17.939 MHz	Measured 6 dB Bandwidth: 17.530 MHz Measured 99% Bandwidth: 17.939 MHz

back to matrix

6 dB & 99% BANDWIDTH

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

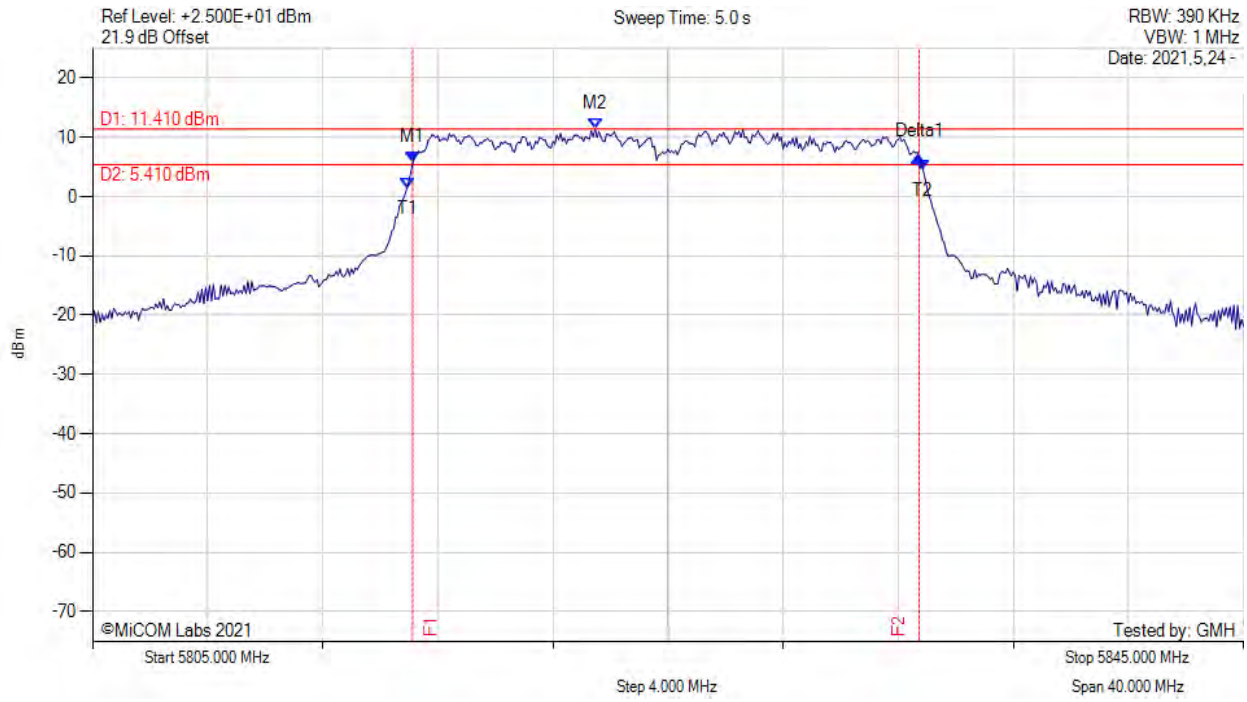


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5816.130 MHz : 5.007 dBm M2 : 5828.530 MHz : 10.811 dBm Delta1 : 17.530 MHz : 1.611 dB T1 : 5815.933 MHz : 1.930 dBm T2 : 5833.867 MHz : 3.039 dBm OBW : 18.002 MHz	Measured 6 dB Bandwidth: 17.530 MHz Measured 99% Bandwidth: 18.002 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 = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5816.130 MHz : 5.788 dBm M2 : 5822.470 MHz : 11.410 dBm Delta1 : 17.600 MHz : 0.851 dB T1 : 5815.933 MHz : 1.496 dBm T2 : 5833.867 MHz : 4.532 dBm OBW : 17.943 MHz	Measured 6 dB Bandwidth: 17.600 MHz Measured 99% Bandwidth: 17.943 MHz

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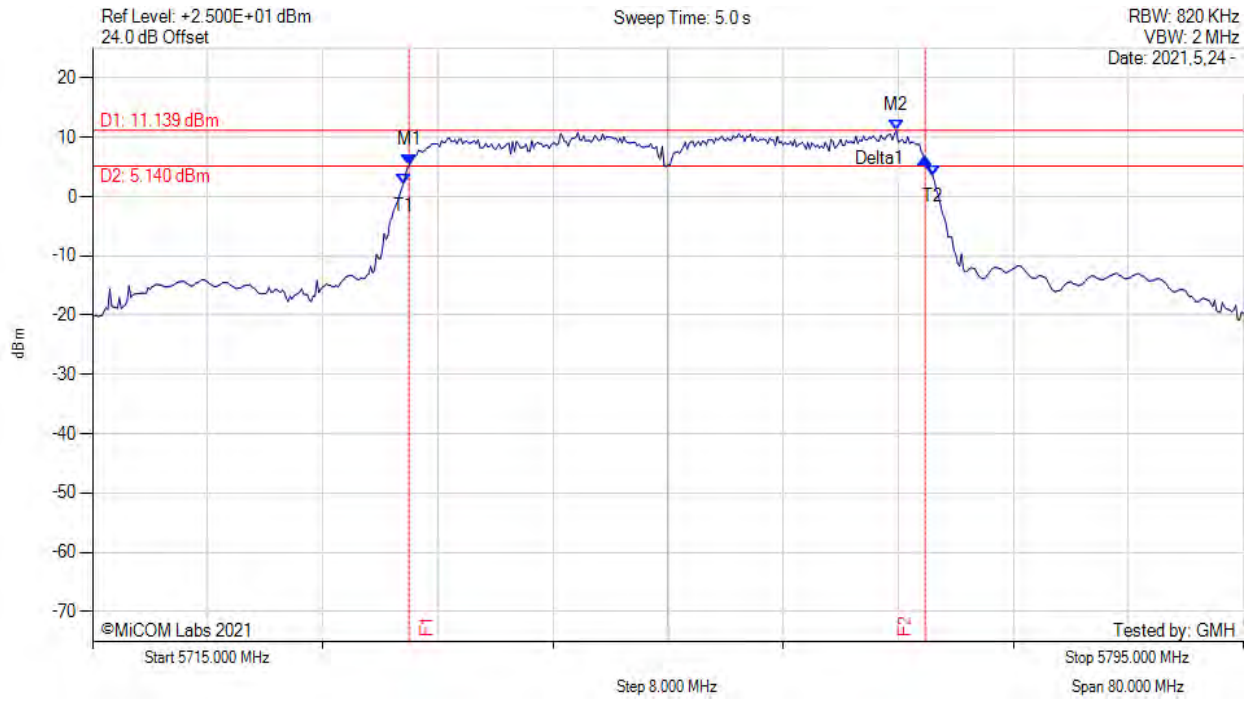
6 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5737.000 MHz : 5.335 dBm M2 : 5770.870 MHz : 11.139 dBm Delta1 : 35.870 MHz : 1.079 dB T1 : 5736.600 MHz : 2.099 dBm T2 : 5773.400 MHz : 3.527 dBm OBW : 36.965 MHz	Measured 6 dB Bandwidth: 35.870 MHz Measured 99% Bandwidth: 36.965 MHz

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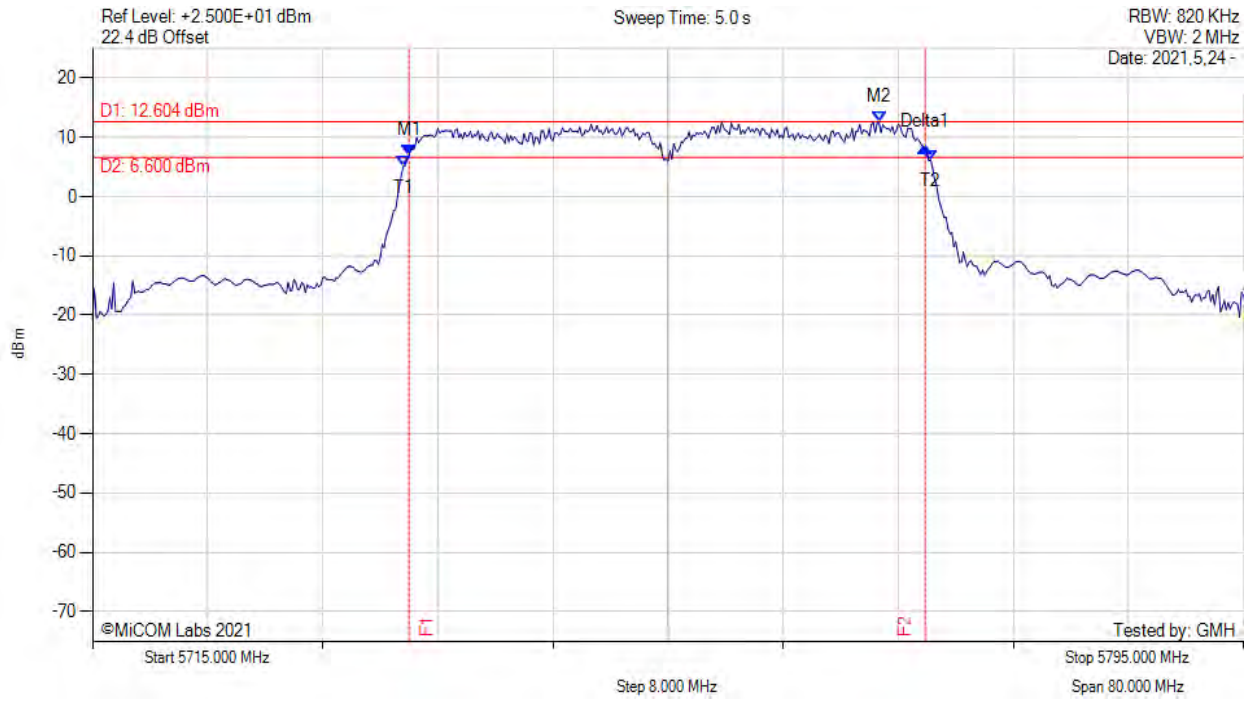
6 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5737.000 MHz : 7.067 dBm M2 : 5769.670 MHz : 12.604 dBm Delta1 : 35.870 MHz : 1.218 dB T1 : 5736.600 MHz : 5.044 dBm T2 : 5773.267 MHz : 6.141 dBm OBW : 36.728 MHz	Measured 6 dB Bandwidth: 35.870 MHz Measured 99% Bandwidth: 36.728 MHz

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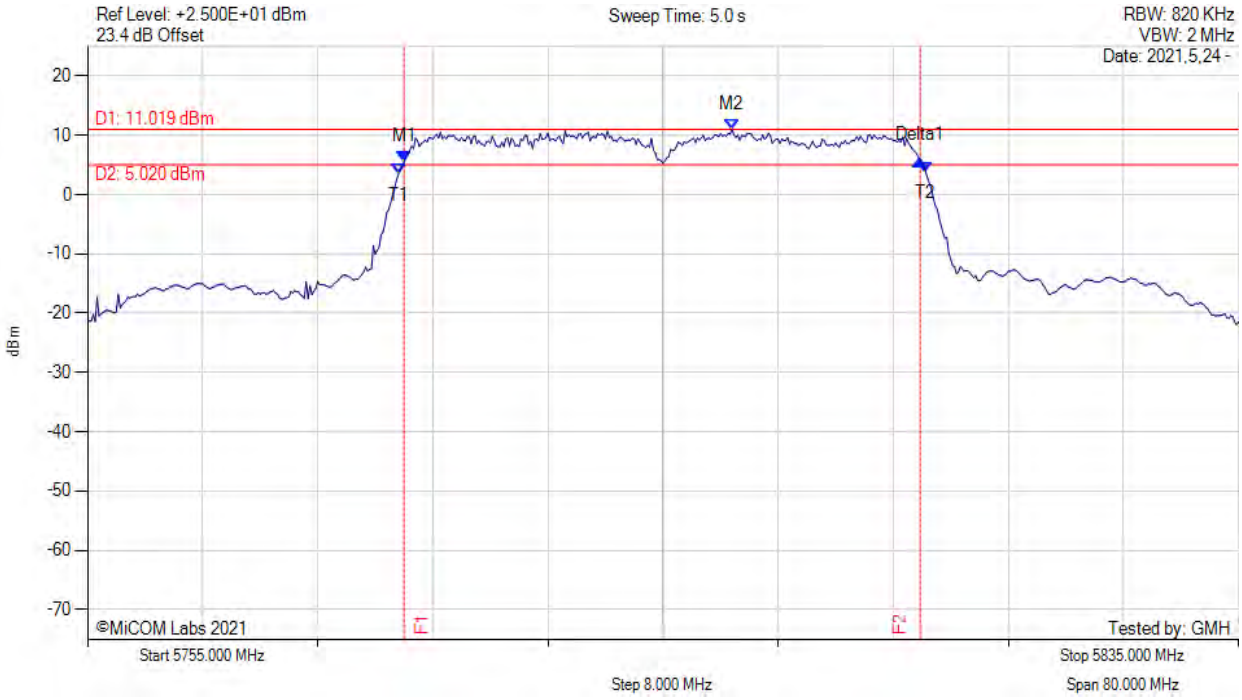
6 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5777.000 MHz : 5.492 dBm M2 : 5799.800 MHz : 11.019 dBm Delta1 : 35.870 MHz : 0.413 dB T1 : 5776.600 MHz : 3.427 dBm T2 : 5813.267 MHz : 3.771 dBm OBW : 36.817 MHz	Measured 6 dB Bandwidth: 35.870 MHz Measured 99% Bandwidth: 36.817 MHz

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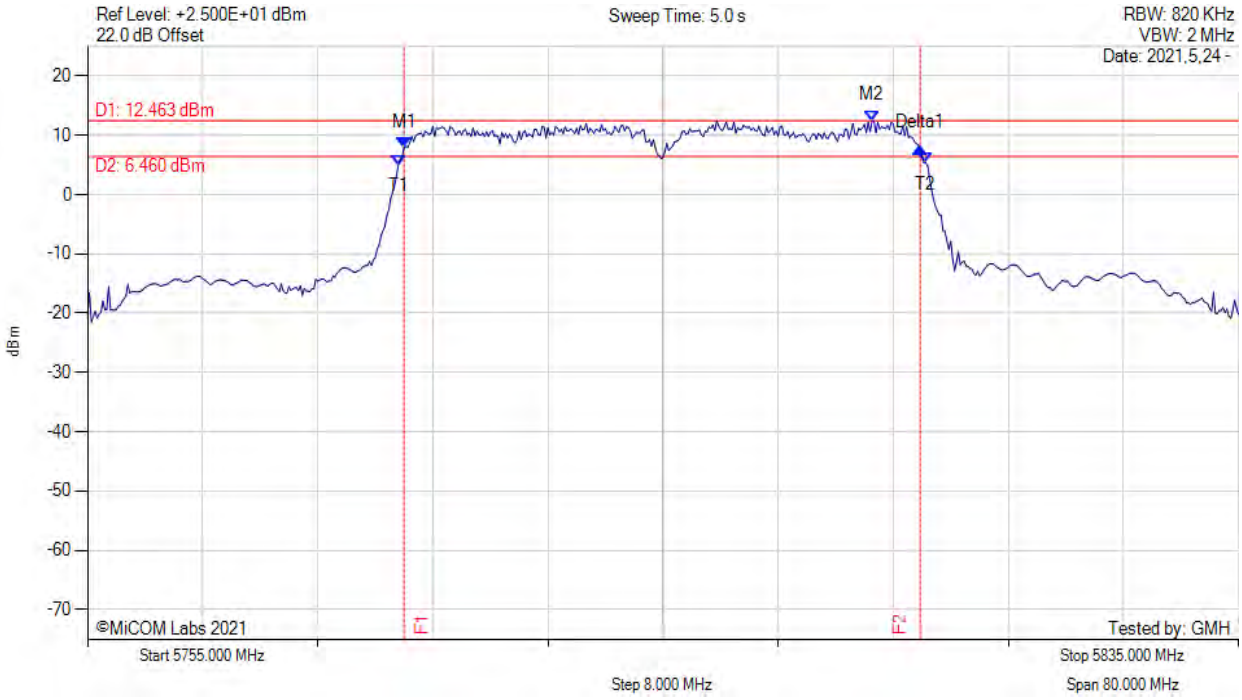
6 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: 20, Voltage: 12 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = POS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = MAXH	M1 : 5777.000 MHz : 7.982 dBm M2 : 5809.530 MHz : 12.463 dBm Delta1 : 35.870 MHz : -0.134 dB T1 : 5776.600 MHz : 4.910 dBm T2 : 5813.267 MHz : 5.375 dBm OBW : 36.621 MHz	Measured 6 dB Bandwidth: 35.870 MHz Measured 99% Bandwidth: 36.621 MHz

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