MAXIMUM POWER SPECTRAL DENSITY (EIRP)

element
TbtTx 2024.05.24.1
WTD.2024.01.16.0

TEST DESCRIPTION

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The radio was operated in the modes as shown in the following data sheets.

The maximum power spectral density was measured using ANSI C63.10:2013, Clause 12.3.2.3, Method SA-2 (RMS detection and trace averaging across the on and off times of the EUT transmission and use of a duty cycle correction factor), consistent with the method used for maximum conducted output power.

The spectrum analyzer settings were set to:

- Span set to encompass the entire 99% OBW of the signal
- RBW = 1 MHz (500 kHz in the 5.725-5.85 GHz band)
- VBW = 3 MHz (1.5 MHz in the 5.725-5.85 GHz band)
- RMS Detector
- Trace average 100 traces in power averaging mode

The marker peak search function of the analyzer as used to determine to be the highest level found across the emission in any 1 MHz/500kHz segment after 100 sweeps of power averaging (not video averaging).

A duty cycle correction factor was added to the measurement using the results of the formula of 10*LOG(1/D) where D is the duty cycle. The antenna gain was then added to the marker value.

EIRP = Max measured PSD + Antenna gain (dBi)

- In the 5.15 – 5.25GHz, the maximum permissible power spectral density is 10dBm/MHz EIRP for ISED and not applicable for FCC.
- In the 5.25 – 5.35GHz, 5.47 – 5.725GHz, 5.725 – 5.850GHz band, there is no maximum permissible power spectral density EIRP limit

The worst case limits are shown on the following datasheet.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFM	2024-05-22	2025-05-22
Generator - Signal	Agilent	N5183A	TIK	2022-01-24	2025-01-24
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	2023-09-05	2024-09-05
Block - DC	Fairview Microwave	SD3379	ANH	2023-09-05	2024-09-05
Attenuator	Fairview Microwave	SA4014-20	AQI	2023-09-05	2024-09-05

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EUT:	Fuji Thermostat	Work Order:	ADEM0044
Serial Number:	52202030005143	Date:	2024-07-23
Customer:	Ademco, Inc.	Temperature:	22.3°C
Attendees:	None	Relative Humidity:	66.2%
Customer Project:	None	Bar. Pressure (PMSL):	1015 mbar
Tested By:	Christopher Heintzelman	Job Site:	MN11
Power:	110VAC/60Hz	Configuration:	ADEM0044-8

TEST SPECIFICATIONS

Specification:	Method:
RSS-247 Issue 3:2023	ANSI C63.10:2013

COMMENTS

None

DEVIATIONS FROM TEST STANDARD

None

CONCLUSION

Pass

Tested By

TEST RESULTS

	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Antenna Gain (dBi)	EIRP Density (dBm/Ref BW)	EIRP Limit ≤ (dBm/Ref BW)	Results
5150 - 5250 MHz Band, UNII-1, 20 MHz						
Mid Channel, Ch 40 - 5200 MHz						
802.11(a) 6 Mbps	5.219	0.3	2.2	7.7	10	Pass
802.11(a) 36 Mbps	2.316	1.3	2.2	5.8	10	Pass
802.11(a) 54 Mbps	1.133	1.8	2.2	5.1	10	Pass
802.11(n) MCS0	4.072	0.3	2.2	6.6	10	Pass
802.11(n) MCS7	-0.299	2	2.2	3.9	10	Pass
High Channel, Ch 48 - 5240 MHz						
802.11(a) 6 Mbps	6.146	0.3	2.2	8.6	10	Pass
802.11(a) 36 Mbps	2.715	1.3	2.2	6.2	10	Pass
802.11(a) 54 Mbps	1.432	1.8	2.2	5.4	10	Pass
802.11(n) MCS0	4.338	0.3	2.2	6.8	10	Pass
802.11(n) MCS7	-0.292	2	2.2	3.9	10	Pass
5250 - 5350 MHz Band,UNII-2A, 20 MHz						
Low Channel, Ch 52 - 5260 MHz						
802.11(a) 6 Mbps	6.101	0.3	2	8.4	N/A	N/A
802.11(a) 36 Mbps	2.699	1.3	2.2	6.2	N/A	N/A
802.11(a) 54 Mbps	1.34	1.8	2.2	5.3	N/A	N/A
802.11(n) MCS0	4.012	0.3	2.2	6.5	N/A	N/A
802.11(n) MCS7	-0.165	2	2.2	4	N/A	N/A
Mid Channel, Ch 60 - 5300 MHz						
802.11(a) 6 Mbps	5.172	0.3	2.2	7.7	N/A	N/A

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

element
TbtTx 2024.05.24.1
WTD.2024.01.16.0

	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Antenna Gain (dBi)	EIRP Density (dBm/Ref BW)	EIRP Limit ≤ (dBm/Ref BW)	Results
802.11(a) 36 Mbps	3.042	1.3	2.2	6.5	N/A	N/A
802.11(a) 54 Mbps	1.72	1.8	2.2	5.7	N/A	N/A
802.11(n) MCS0	4.453	0.3	2.2	7	N/A	N/A
802.11(n) MCS7	0.213	2	2.2	4.4	N/A	N/A
High Channel, Ch 64 - 5320 MHz						
802.11(a) 6 Mbps	4.566	0.3	2.2	7.1	N/A	N/A
802.11(a) 36 Mbps	2.769	1.3	2.2	6.3	N/A	N/A
802.11(a) 54 Mbps	1.595	1.8	2.2	5.6	N/A	N/A
802.11(n) MCS0	3.822	0.3	2.2	6.3	N/A	N/A
802.11(n) MCS7	0.118	2	2.2	4.3	N/A	N/A
5470 - 5725 MHz Band,UNII-2C, 20 MHz						
Low Channel, Ch 100 - 5500 MHz						
802.11(a) 6 Mbps	5.009	0.3	2.2	7.5	N/A	N/A
802.11(a) 36 Mbps	2.961	1.3	2.2	6.5	N/A	N/A
802.11(a) 54 Mbps	1.44	1.8	2.2	5.4	N/A	N/A
802.11(n) MCS0	4.359	0.3	2.2	6.9	N/A	N/A
802.11(n) MCS7	0.246	2	2.2	4.4	N/A	N/A
Mid Channel, Ch 116 - 5580 MHz						
802.11(a) 6 Mbps	4.524	0.3	2.2	7	N/A	N/A
802.11(a) 36 Mbps	1.94	1.3	2.2	5.4	N/A	N/A
802.11(a) 54 Mbps	0.78	1.8	2.2	4.8	N/A	N/A
802.11(n) MCS0	3.722	0.3	2.2	6.2	N/A	N/A
802.11(n) MCS7	-0.513	2	2.2	3.7	N/A	N/A
High Channel, Ch 140 - 5700 MHz						
802.11(a) 6 Mbps	2.091	0.3	2.2	4.6	N/A	N/A
802.11(a) 36 Mbps	1.419	1.3	2.2	4.9	N/A	N/A
802.11(a) 54 Mbps	0.599	1.8	2.2	4.6	N/A	N/A
802.11(n) MCS0	2.323	0.3	2.2	4.8	N/A	N/A
802.11(n) MCS7	-0.728	2	2.2	3.5	N/A	N/A
5725 - 5785 MHz Band						
Low Channel, Ch 149 - 5745 MHz						
802.11(a) 6 Mbps	2.5	0.3	2.2	5	N/A	N/A
802.11(a) 36 Mbps	-0.958	1.3	2.2	2.5	N/A	N/A
802.11(a) 54 Mbps	-2.246	1.8	2.2	1.8	N/A	N/A
802.11(n) MCS0	0.276	0.3	2.2	2.8	N/A	N/A
802.11(n) MCS7	-3.76	2	2.2	0.4	N/A	N/A
Mid Channel, Ch 157 - 5785 MHz						
802.11(a) 6 Mbps	1.884	0.3	2.2	4.4	N/A	N/A
802.11(a) 36 Mbps	-2.018	1.3	2.2	1.5	N/A	N/A
802.11(a) 54 Mbps	-2.799	1.8	2.2	1.2	N/A	N/A
802.11(n) MCS0	-0.191	0.3	2.2	2.3	N/A	N/A
802.11(n) MCS7	-4.277	1.9	2.2	-0.2	N/A	N/A

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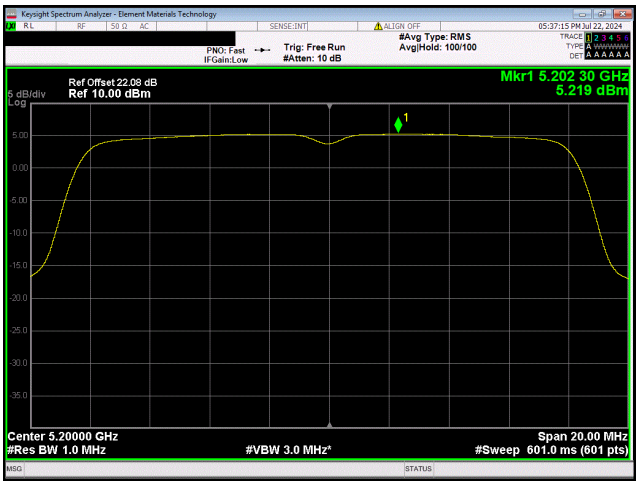
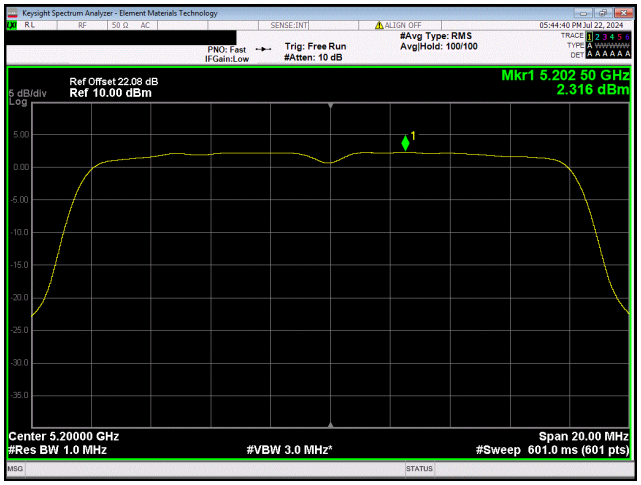
	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Antenna Gain (dBi)	EIRP Density (dBm/Ref BW)	EIRP Limit ≤ (dBm/Ref BW)	Results
High Channel, Ch 165 - 5825 MHz						
802.11(a) 6 Mbps	2.782	0.3	2.2	5.3	N/A	N/A
802.11(a) 36 Mbps	-0.402	1.3	2.2	3.1	N/A	N/A
802.11(a) 54 Mbps	-2.034	1.8	2.2	2	N/A	N/A
802.11(n) MCS0	0.54	0.3	2.2	3	N/A	N/A
802.11(n) MCS7	-3.367	2	2.2	0.8	N/A	N/A

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

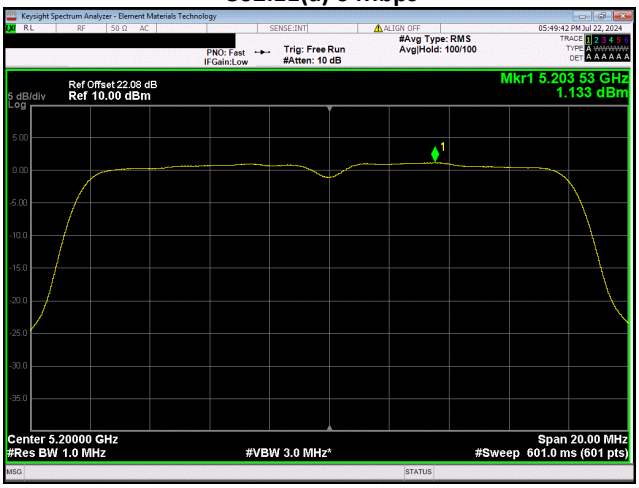
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



5150 - 5250 MHz Band, UNII-1, 20 MHz
Mid Channel, Ch 40 - 5200 MHz
802.11(a) 6 Mbps



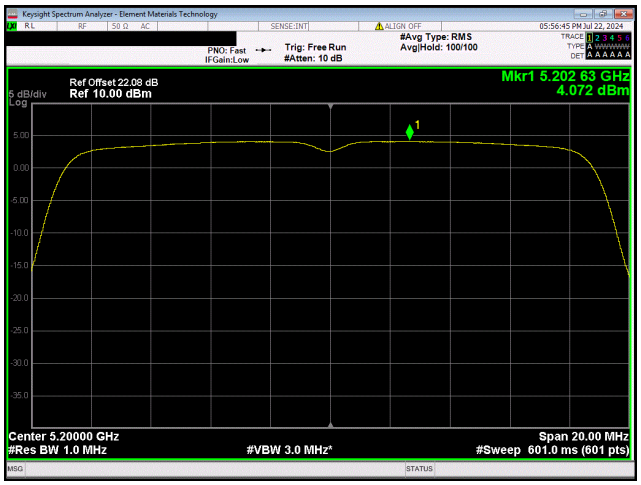
5150 - 5250 MHz Band, UNII-1, 20 MHz
Mid Channel, Ch 40 - 5200 MHz
802.11(a) 36 Mbps



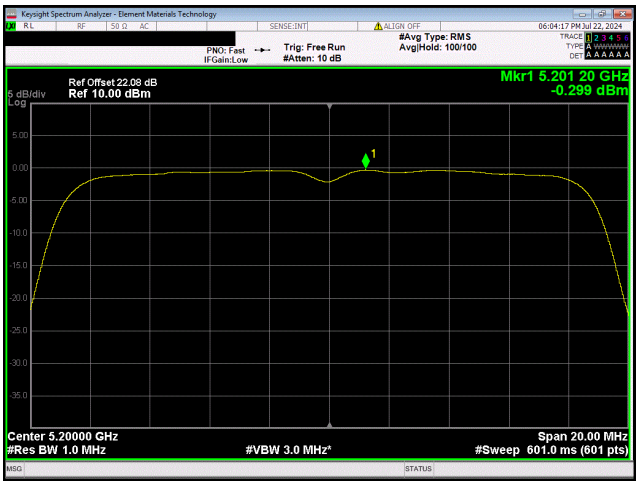
5150 - 5250 MHz Band, UNII-1, 20 MHz
Mid Channel, Ch 40 - 5200 MHz
802.11(a) 54 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

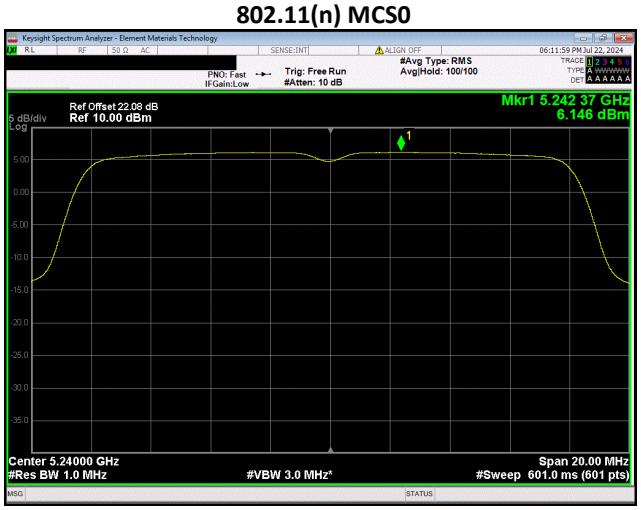
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



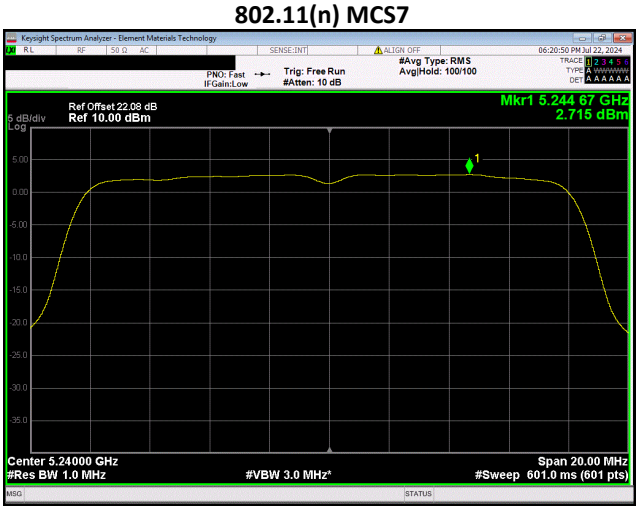
5150 - 5250 MHz Band, UNII-1, 20 MHz
Mid Channel, Ch 40 - 5200 MHz
802.11(n) MCS0



5150 - 5250 MHz Band, UNII-1, 20 MHz
Mid Channel, Ch 40 - 5200 MHz
802.11(n) MCS7



5150 - 5250 MHz Band, UNII-1, 20 MHz
High Channel, Ch 48 - 5240 MHz
802.11(a) 6 Mbps



5150 - 5250 MHz Band, UNII-1, 20 MHz
High Channel, Ch 48 - 5240 MHz
802.11(a) 36 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

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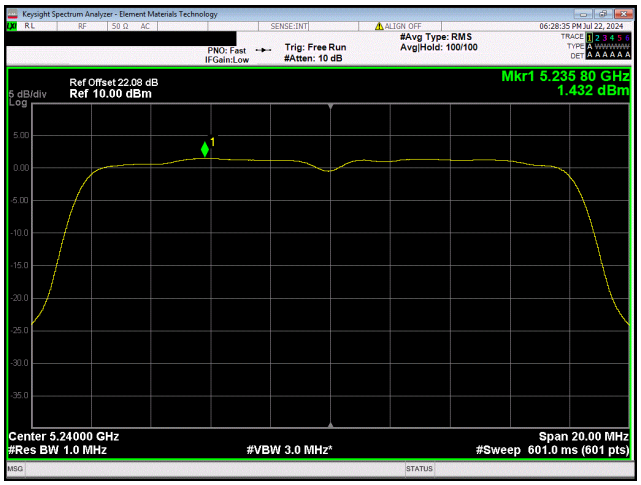
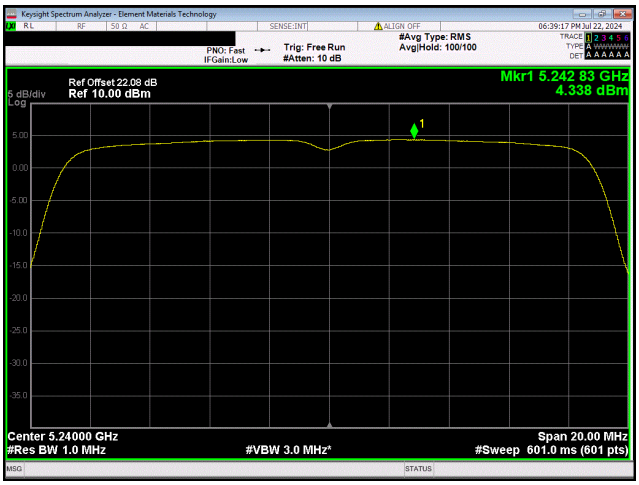
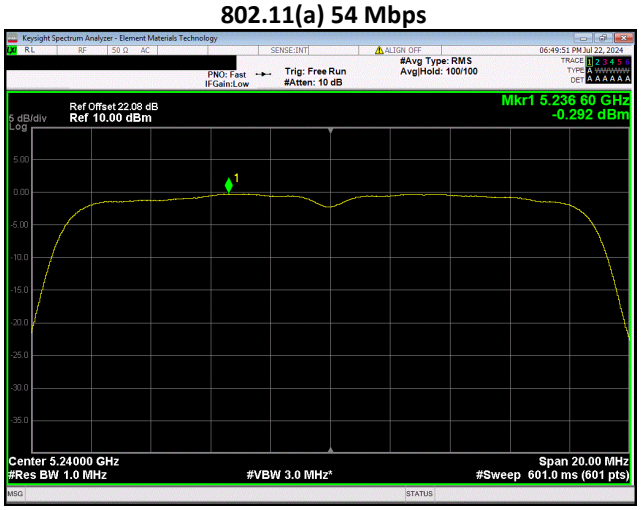


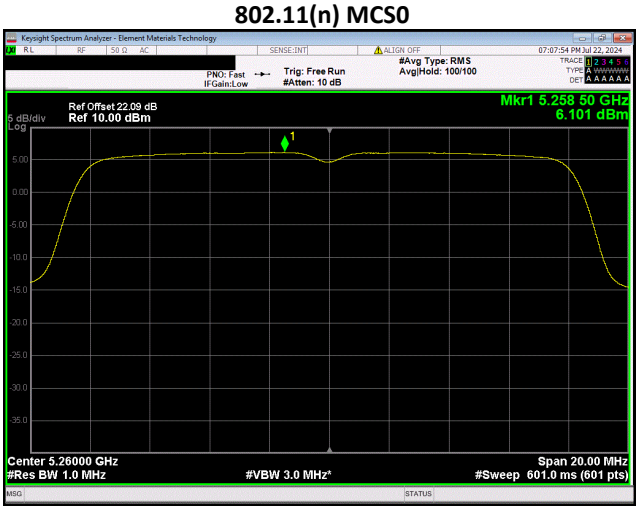
5150 - 5250 MHz Band, UNII-1, 20 MHz
High Channel, Ch 48 - 5240 MHz
802.11(a) 54 Mbps



5150 - 5250 MHz Band, UNII-1, 20 MHz
High Channel, Ch 48 - 5240 MHz
802.11(n) MCS0



5150 - 5250 MHz Band, UNII-1, 20 MHz
High Channel, Ch 48 - 5240 MHz
802.11(n) MCS7



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Low Channel, Ch 52 - 5260 MHz
802.11(a) 6 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

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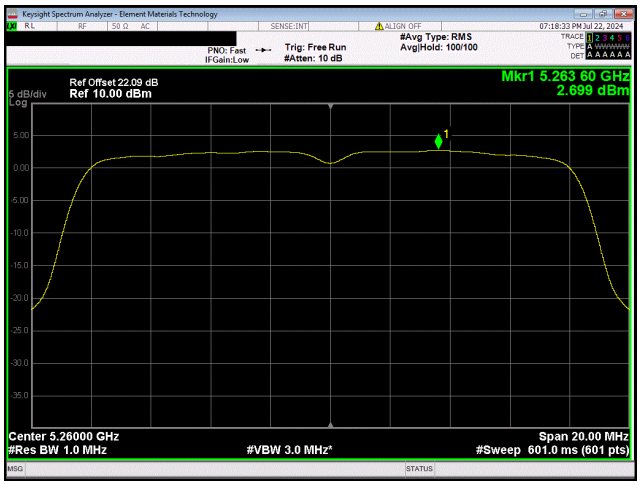
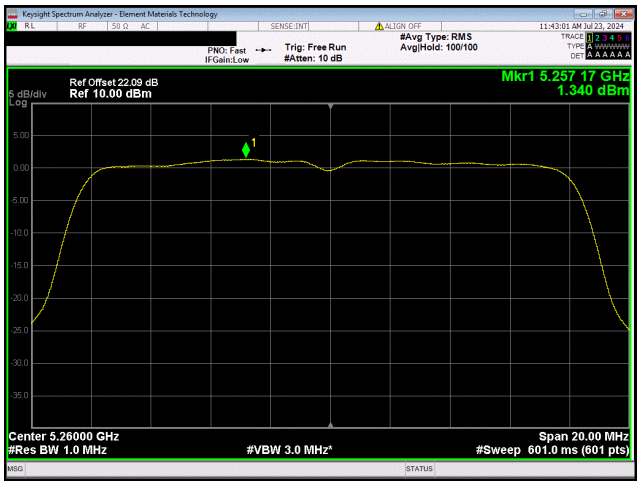
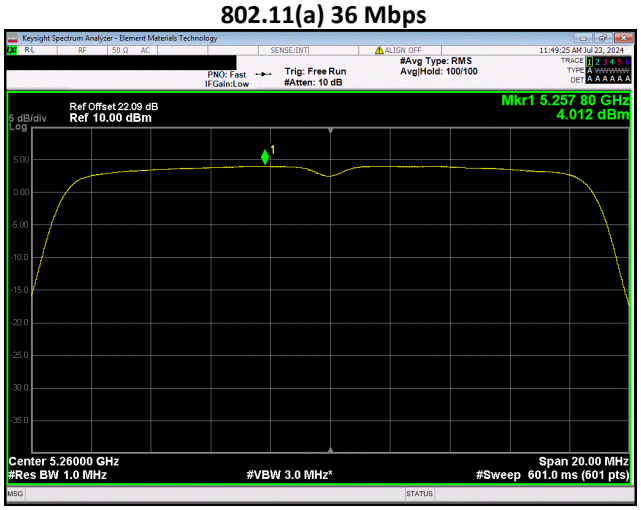


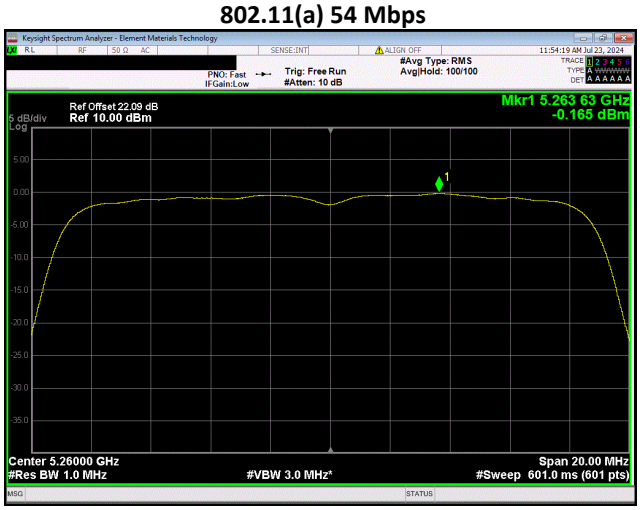
5250 - 5350 MHz Band,UNII-2A, 20 MHz
Low Channel, Ch 52 - 5260 MHz
802.11(a) 36 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Low Channel, Ch 52 - 5260 MHz
802.11(a) 54 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Low Channel, Ch 52 - 5260 MHz
802.11(n) MCS0



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Low Channel, Ch 52 - 5260 MHz
802.11(n) MCS7

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

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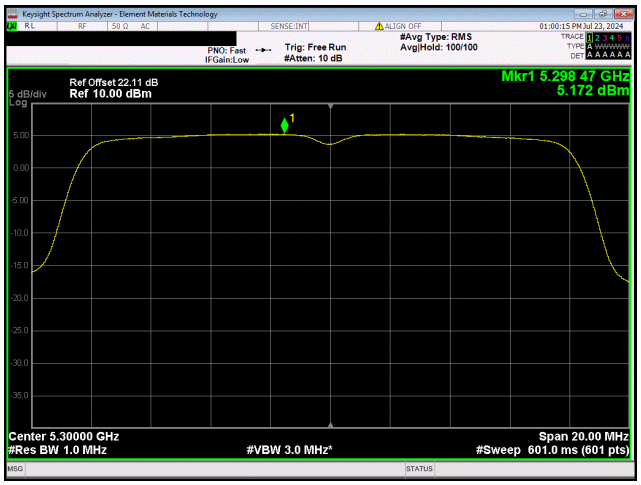
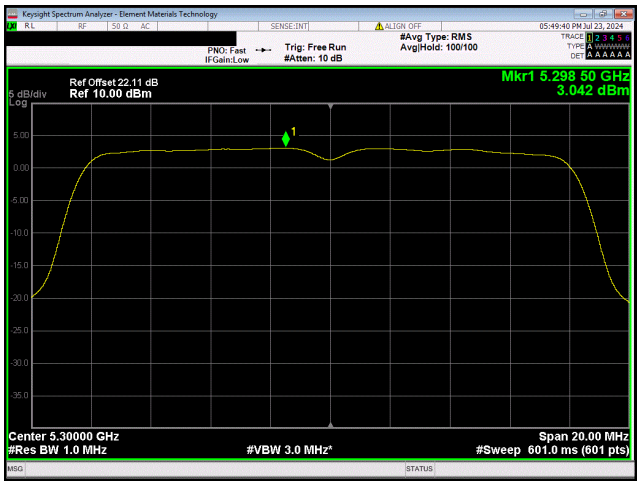
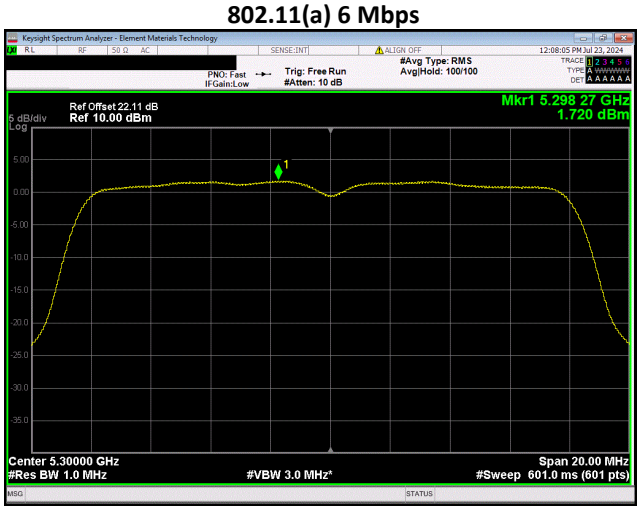


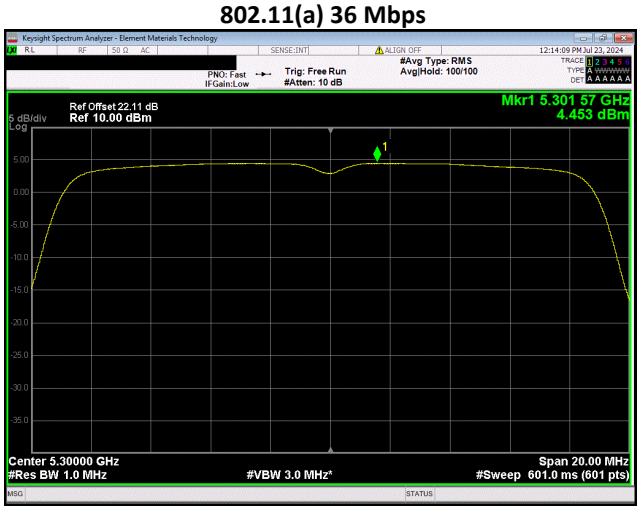
5250 - 5350 MHz Band,UNII-2A, 20 MHz
Mid Channel, Ch 60 - 5300 MHz
802.11(a) 6 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Mid Channel, Ch 60 - 5300 MHz
802.11(a) 36 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Mid Channel, Ch 60 - 5300 MHz
802.11(a) 54 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
Mid Channel, Ch 60 - 5300 MHz
802.11(n) MCS0

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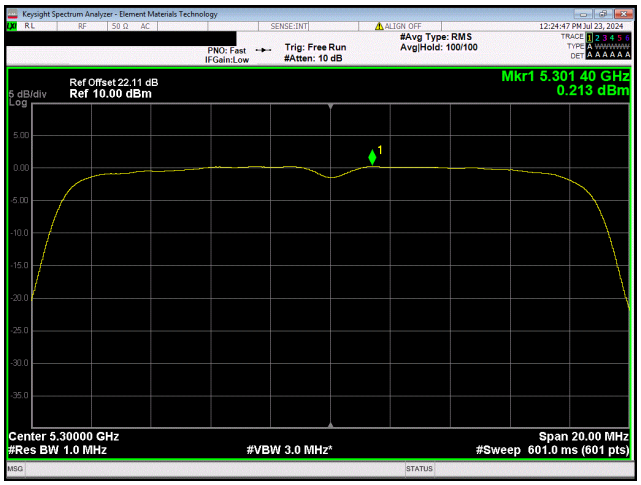
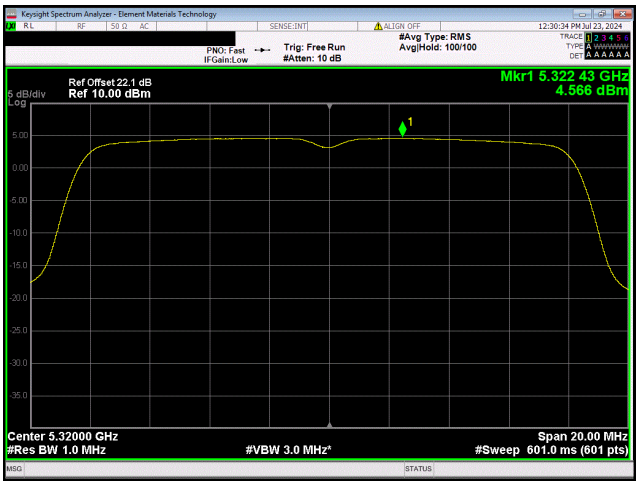
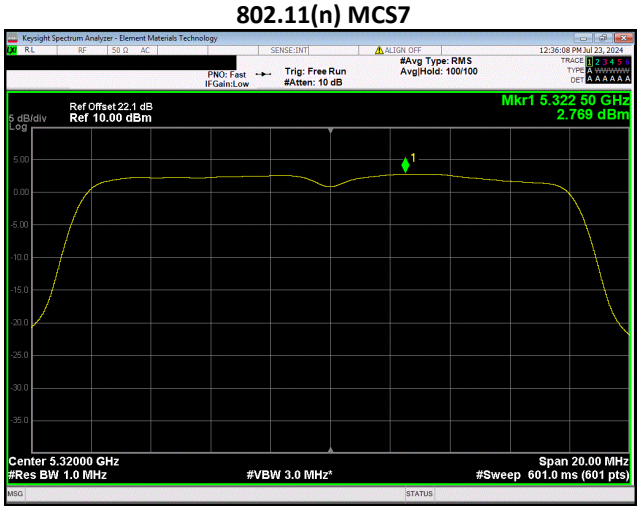


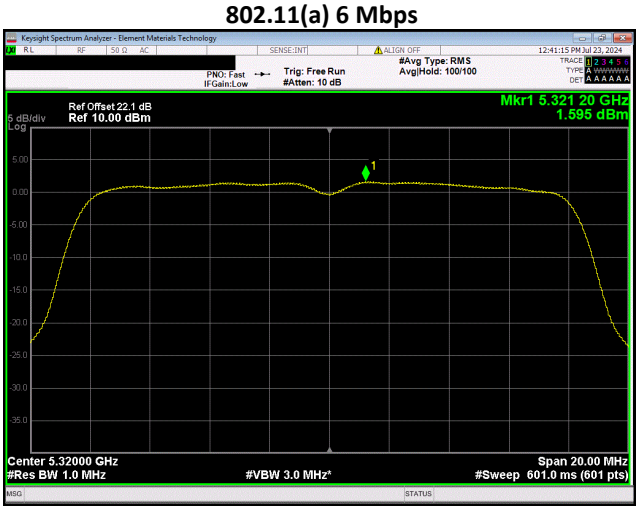
5250 - 5350 MHz Band,UNII-2A, 20 MHz
Mid Channel, Ch 60 - 5300 MHz
802.11(n) MCS7



5250 - 5350 MHz Band,UNII-2A, 20 MHz
High Channel, Ch 64 - 5320 MHz
802.11(a) 6 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
High Channel, Ch 64 - 5320 MHz
802.11(a) 36 Mbps



5250 - 5350 MHz Band,UNII-2A, 20 MHz
High Channel, Ch 64 - 5320 MHz
802.11(a) 54 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

element
TbtTx 2024.05.24.1
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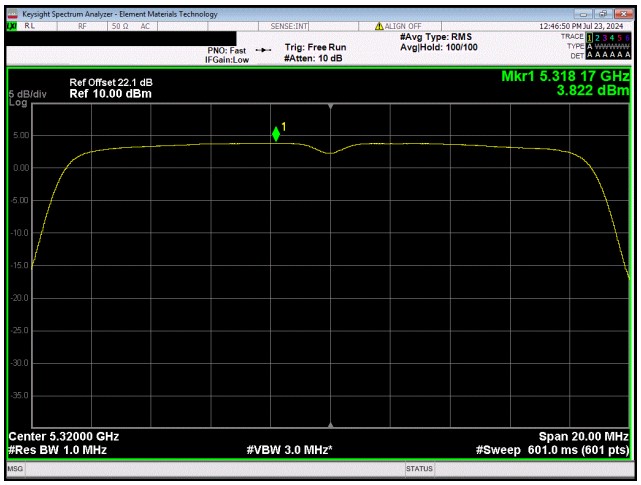
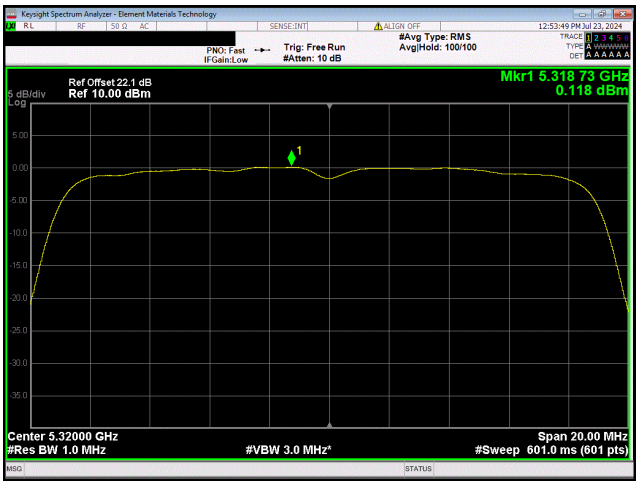
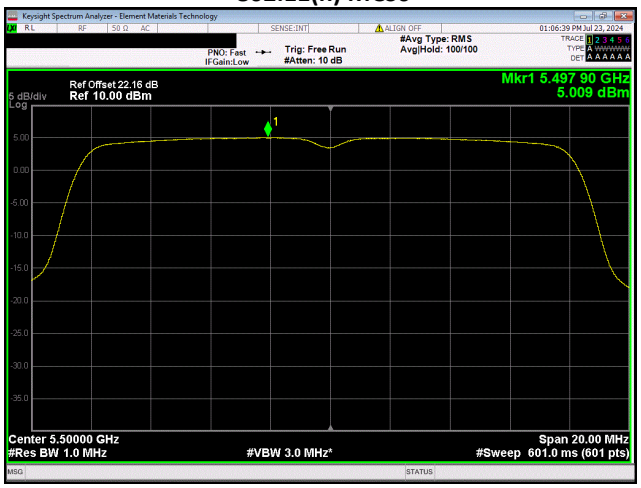


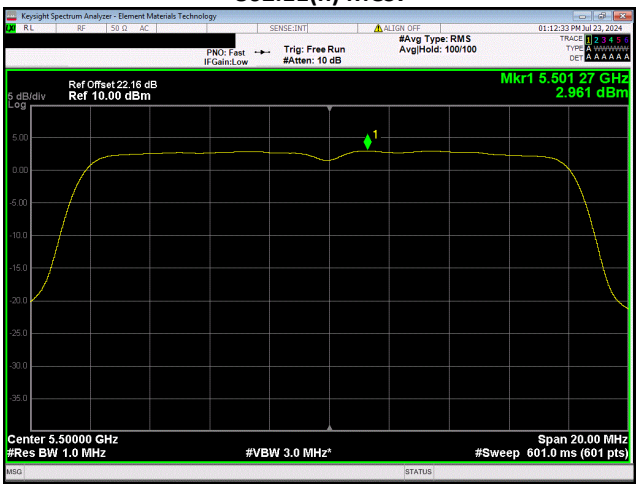
5250 - 5350 MHz Band,UNII-2A, 20 MHz
High Channel, Ch 64 - 5320 MHz
802.11(n) MCS0



5250 - 5350 MHz Band,UNII-2A, 20 MHz
High Channel, Ch 64 - 5320 MHz
802.11(n) MCS7



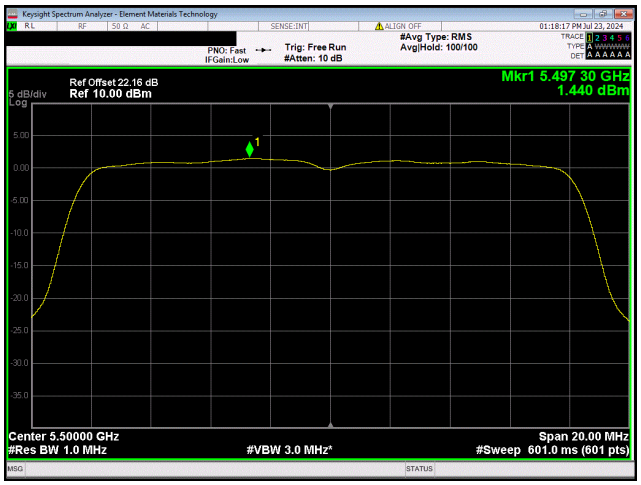
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Low Channel, Ch 100 - 5500 MHz
802.11(a) 6 Mbps



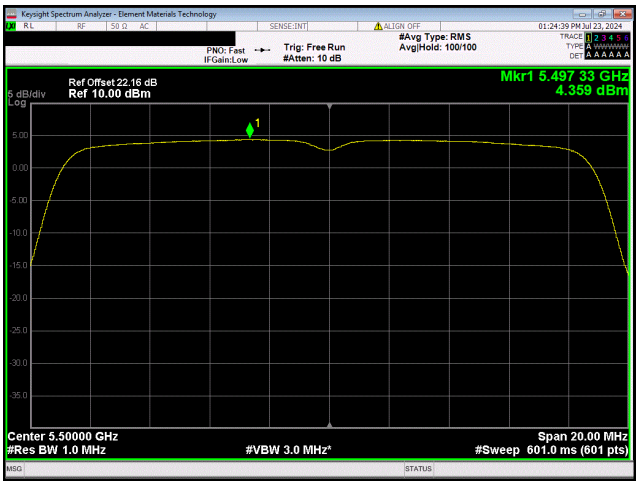
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Low Channel, Ch 100 - 5500 MHz
802.11(a) 36 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

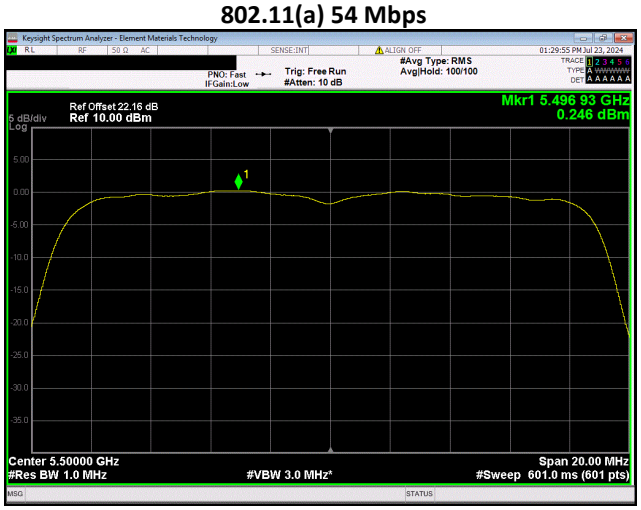
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



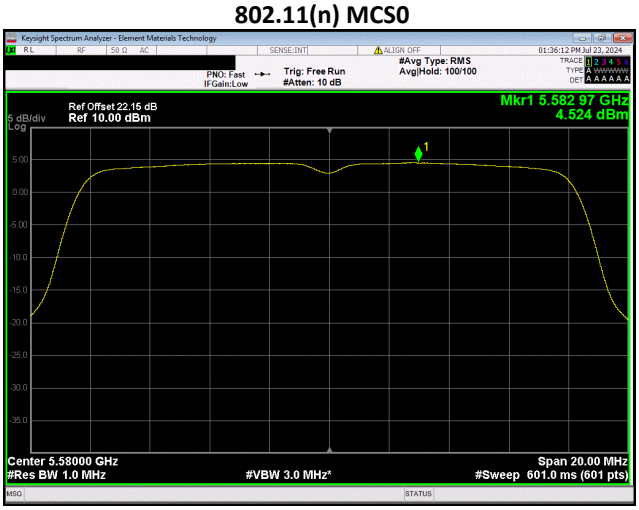
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Low Channel, Ch 100 - 5500 MHz
802.11(a) 54 Mbps



5470 - 5725 MHz Band,UNII-2C, 20 MHz
Low Channel, Ch 100 - 5500 MHz
802.11(n) MCS0



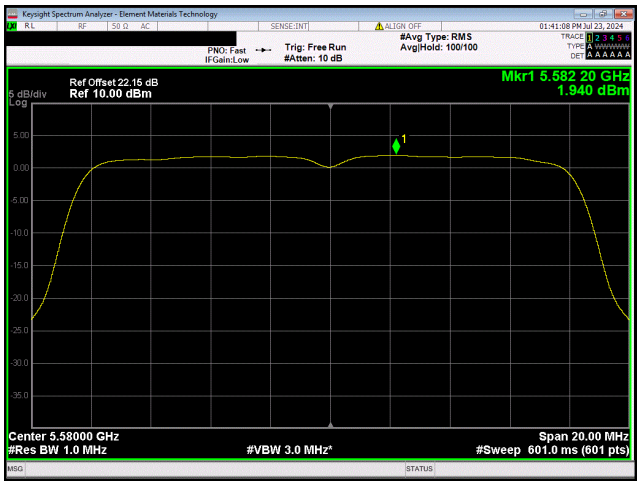
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Low Channel, Ch 100 - 5500 MHz
802.11(n) MCS7



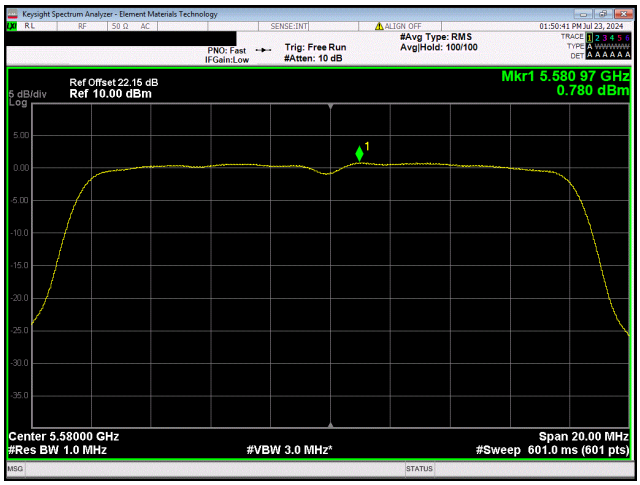
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Mid Channel, Ch 116 - 5580 MHz
802.11(a) 6 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

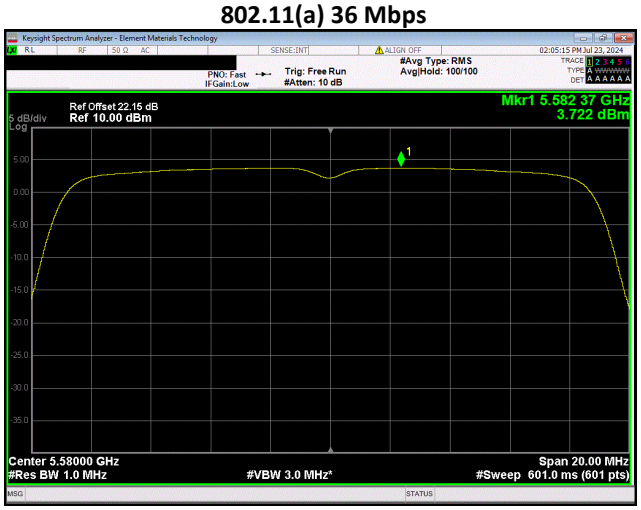
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



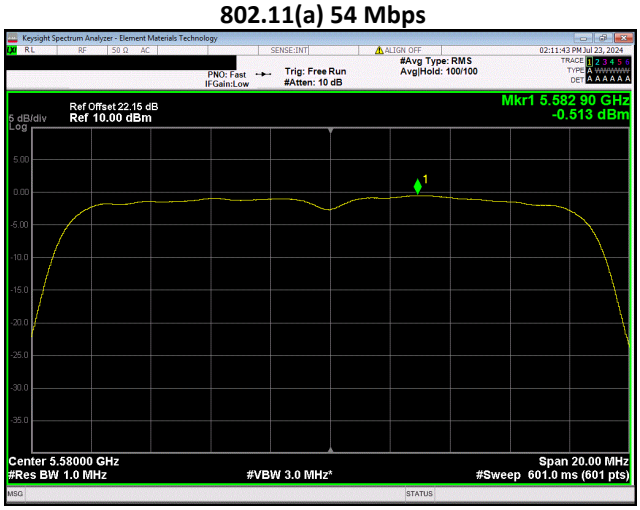
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Mid Channel, Ch 116 - 5580 MHz
802.11(a) 36 Mbps



5470 - 5725 MHz Band,UNII-2C, 20 MHz
Mid Channel, Ch 116 - 5580 MHz
802.11(a) 54 Mbps



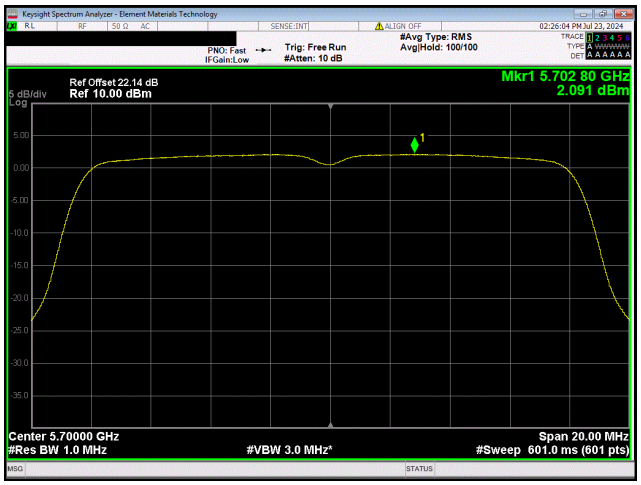
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Mid Channel, Ch 116 - 5580 MHz
802.11(n) MCS0



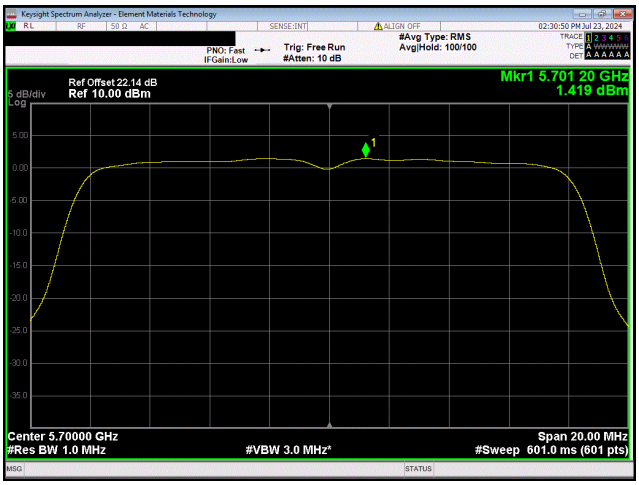
5470 - 5725 MHz Band,UNII-2C, 20 MHz
Mid Channel, Ch 116 - 5580 MHz
802.11(n) MCS7

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

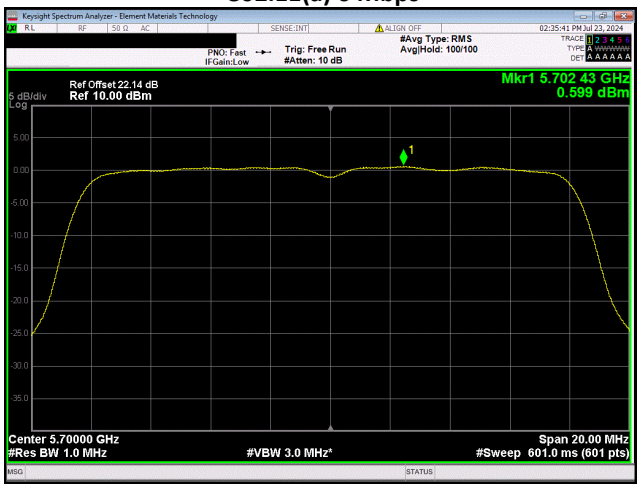
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



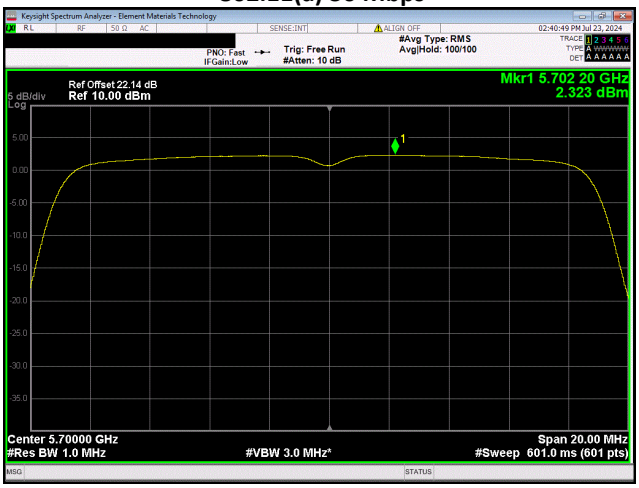
5470 - 5725 MHz Band,UNII-2C, 20 MHz
High Channel, Ch 140 - 5700 MHz
802.11(a) 6 Mbps



5470 - 5725 MHz Band,UNII-2C, 20 MHz
High Channel, Ch 140 - 5700 MHz
802.11(a) 36 Mbps



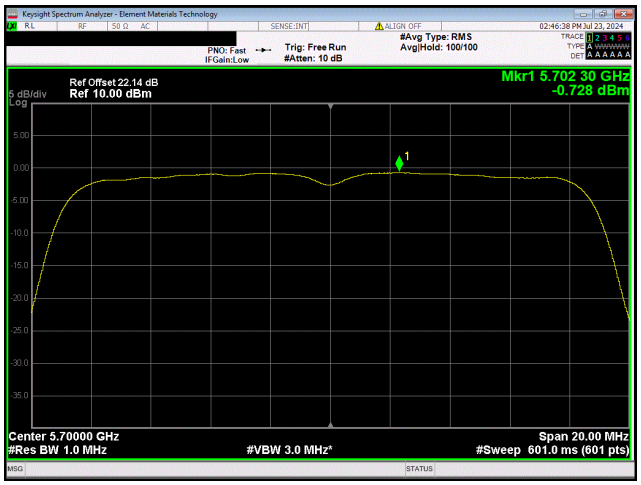
5470 - 5725 MHz Band,UNII-2C, 20 MHz
High Channel, Ch 140 - 5700 MHz
802.11(a) 54 Mbps



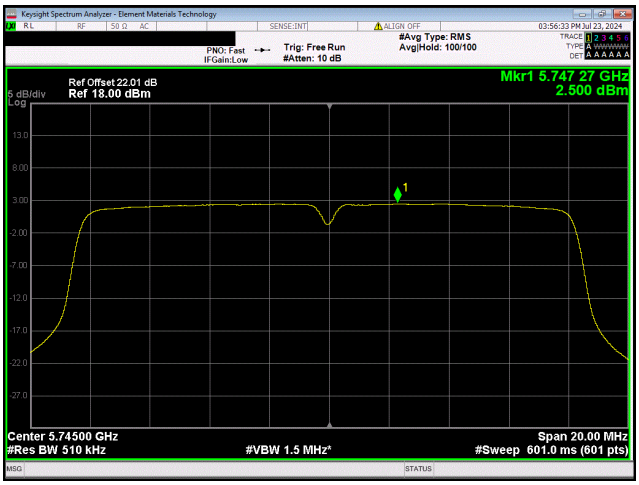
5470 - 5725 MHz Band,UNII-2C, 20 MHz
High Channel, Ch 140 - 5700 MHz
802.11(n) MCS0

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

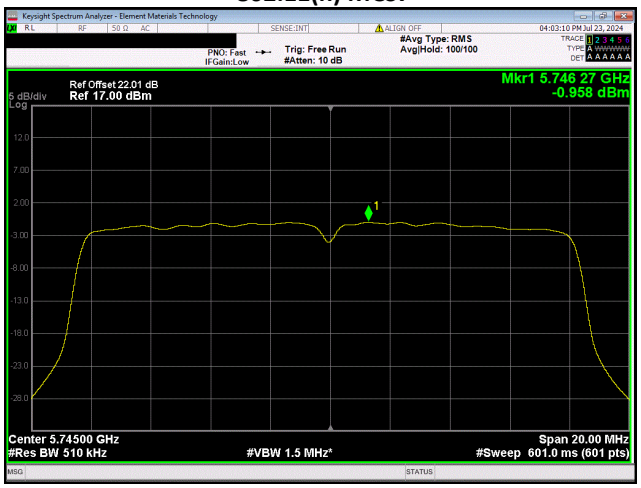
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



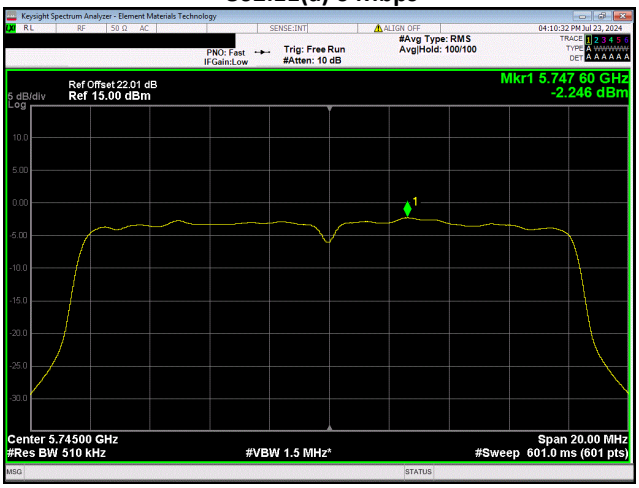
5470 - 5725 MHz Band,UNII-2C, 20 MHz
High Channel, Ch 140 - 5700 MHz
802.11(n) MCS7



5725 - 5785 MHz Band
Low Channel, Ch 149 - 5745 MHz
802.11(a) 6 Mbps



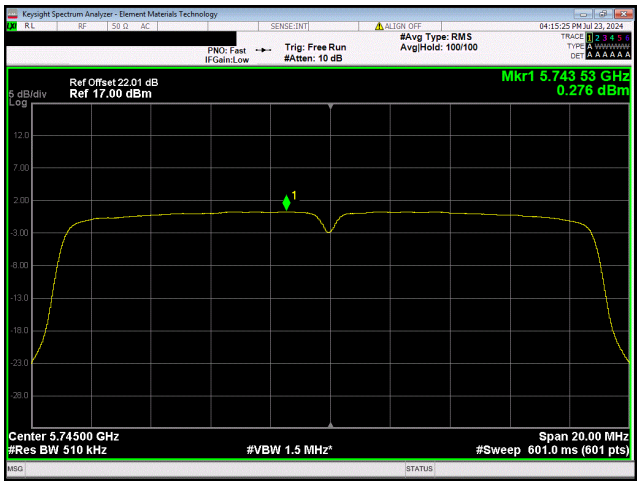
5725 - 5785 MHz Band
Low Channel, Ch 149 - 5745 MHz
802.11(a) 36 Mbps



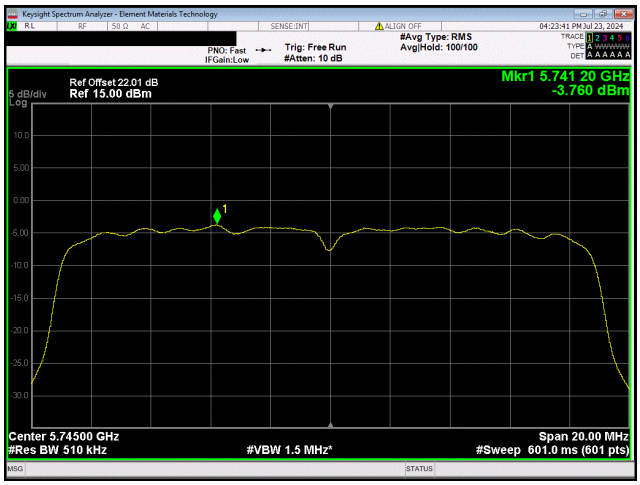
5725 - 5785 MHz Band
Low Channel, Ch 149 - 5745 MHz
802.11(a) 54 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

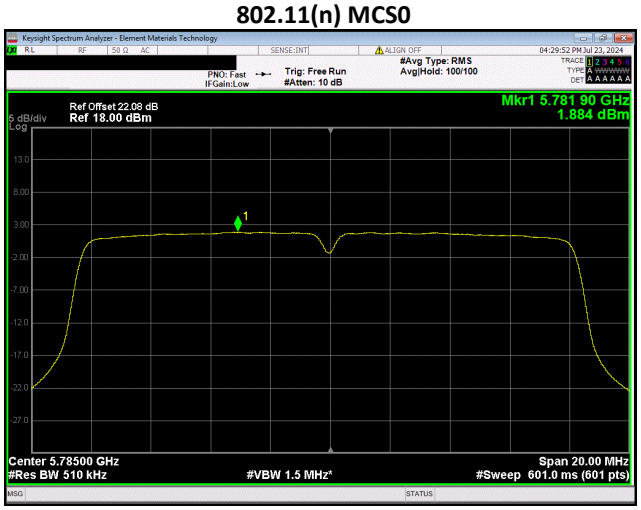
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



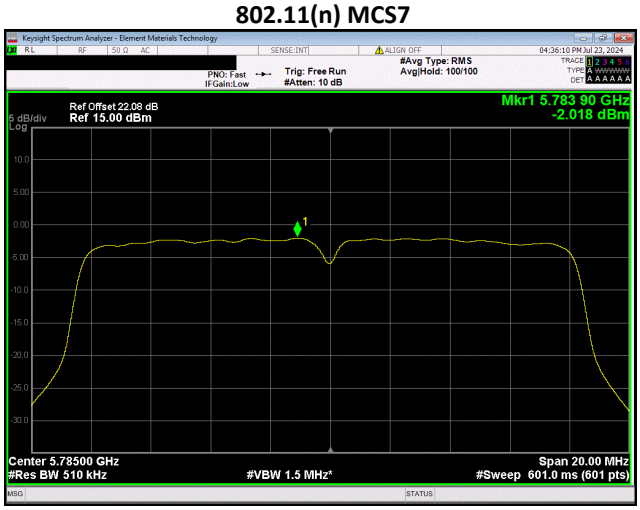
5725 - 5785 MHz Band
Low Channel, Ch 149 - 5745 MHz
802.11(n) MCS0



5725 - 5785 MHz Band
Low Channel, Ch 149 - 5745 MHz
802.11(n) MCS7



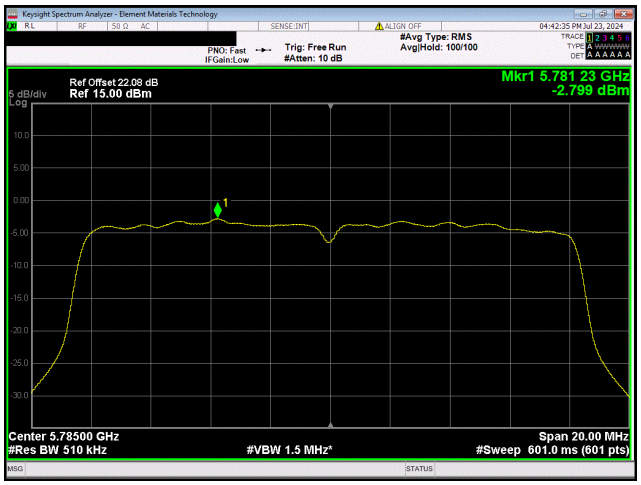
5725 - 5785 MHz Band
Mid Channel, Ch 157 - 5785 MHz
802.11(a) 6 Mbps



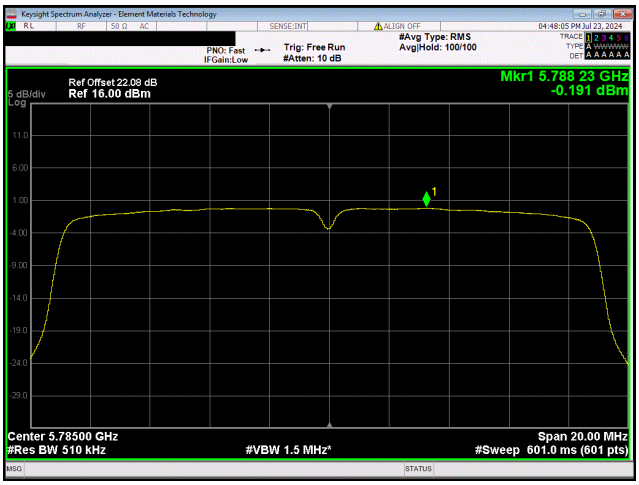
5725 - 5785 MHz Band
Mid Channel, Ch 157 - 5785 MHz
802.11(a) 36 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

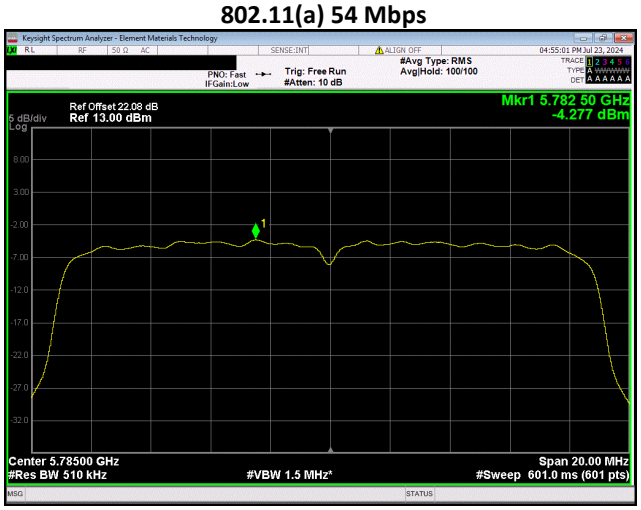
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



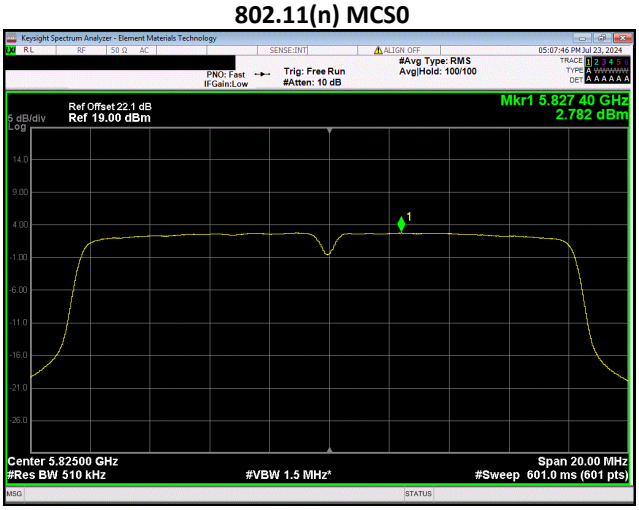
5725 - 5785 MHz Band
Mid Channel, Ch 157 - 5785 MHz
802.11(a) 54 Mbps



5725 - 5785 MHz Band
Mid Channel, Ch 157 - 5785 MHz
802.11(n) MCS0



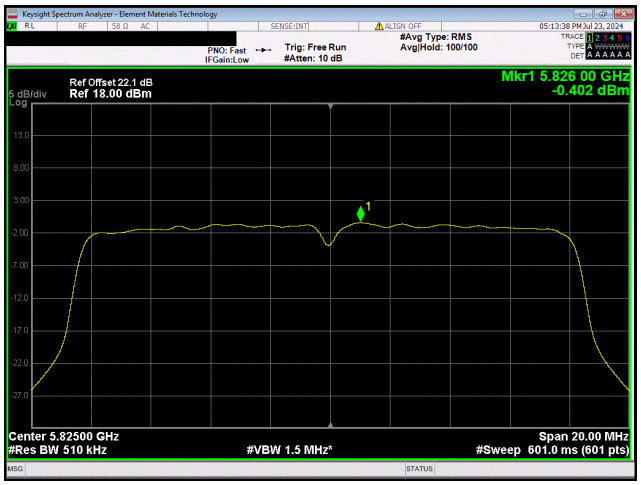
5725 - 5785 MHz Band
Mid Channel, Ch 157 - 5785 MHz
802.11(n) MCS7



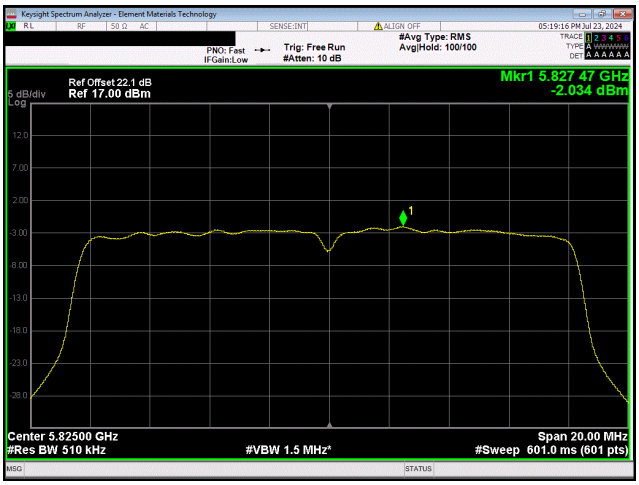
5725 - 5785 MHz Band
High Channel, Ch 165 - 5825 MHz
802.11(a) 6 Mbps

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

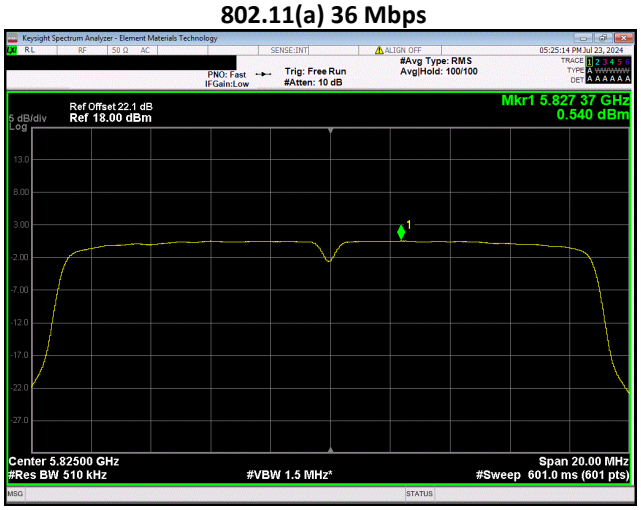
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



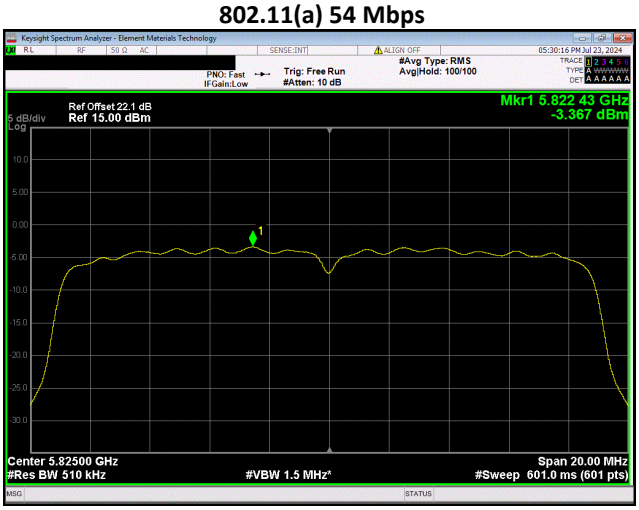
5725 - 5785 MHz Band
High Channel, Ch 165 - 5825 MHz
802.11(a) 36 Mbps



5725 - 5785 MHz Band
High Channel, Ch 165 - 5825 MHz
802.11(a) 54 Mbps



5725 - 5785 MHz Band
High Channel, Ch 165 - 5825 MHz
802.11(n) MCS0



5725 - 5785 MHz Band
High Channel, Ch 165 - 5825 MHz
802.11(n) MCS7

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

element
TbtTx 2024.05.24.1
WTD.2024.01.16.0

TEST DESCRIPTION

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The radio was operated in the modes as shown in the following data sheets.

The maximum power spectral density was measured using ANSI C63.10:2013, Clause 12.3.2.3, Method SA-2 (RMS detection and trace averaging across the on and off times of the EUT transmission and use of a duty cycle correction factor), consistent with the method used for maximum conducted output power.

The spectrum analyzer settings were set to:

- Span set to encompass the entire 99% OBW of the signal
- RBW = 1 MHz (500 kHz in the 5.725-5.85 GHz band)
- VBW = 3 MHz (1.5 MHz in the 5.725-5.85 GHz band)
- RMS Detector
- Trace average 100 traces in power averaging mode

The marker peak search function of the analyzer as used to determine to be the highest level found across the emission in any 1 MHz/500kHz segment after 100 sweeps of power averaging (not video averaging).

A duty cycle correction factor was added to the measurement using the results of the formula of 10*LOG(1/D) where D is the duty cycle. The antenna gain was then added to the marker value.

EIRP = Max measured PSD + Antenna gain (dBi)

- In the 5.15 – 5.25GHz, the maximum permissible power spectral density is 10dBm/MHz EIRP for ISED and not applicable for FCC.
- In the 5.25 – 5.35GHz, 5.47 – 5.725GHz, 5.725 – 5.850GHz band, there is no maximum permissible power spectral density EIRP limit

The worst case limits are shown on the following datasheet.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFM	2024-05-22	2025-05-22
Generator - Signal	Agilent	N5183A	TIK	2022-01-24	2025-01-24
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	2023-09-05	2024-09-05
Block - DC	Fairview Microwave	SD3379	ANH	2023-09-05	2024-09-05
Attenuator	Fairview Microwave	SA4014-20	AQI	2023-09-05	2024-09-05

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

element
TbtTx 2024.05.24.1
WTD.2024.01.16.0

EUT:	Fuji Thermostat	Work Order:	ADEM0044
Serial Number:	52202030005143	Date:	2024-08-26
Customer:	Ademco, Inc.	Temperature:	21.9°C
Attendees:	None	Relative Humidity:	67.7%
Customer Project:	None	Bar. Pressure (PMSL):	1015 mbar
Tested By:	Christopher Heintzelman	Job Site:	MN11
Power:	110VAC/60Hz	Configuration:	ADEM0044-8

TEST SPECIFICATIONS

Specification:	Method:
RSS-247 Issue 3:2023	ANSI C63.10:2013

COMMENTS

Power Setting 107

DEVIATIONS FROM TEST STANDARD

None

CONCLUSION

Pass

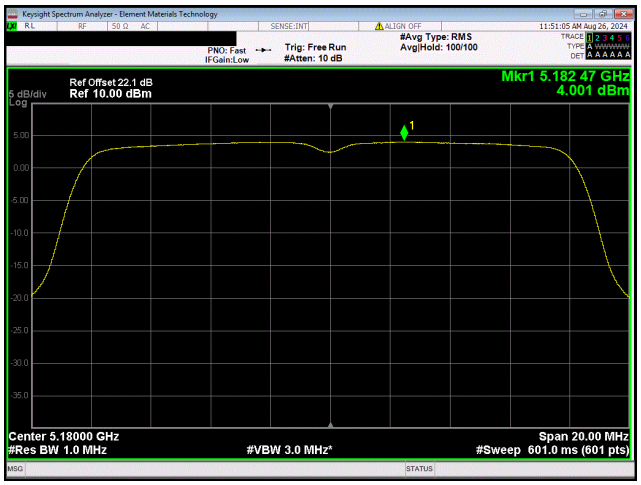
Tested By

TEST RESULTS

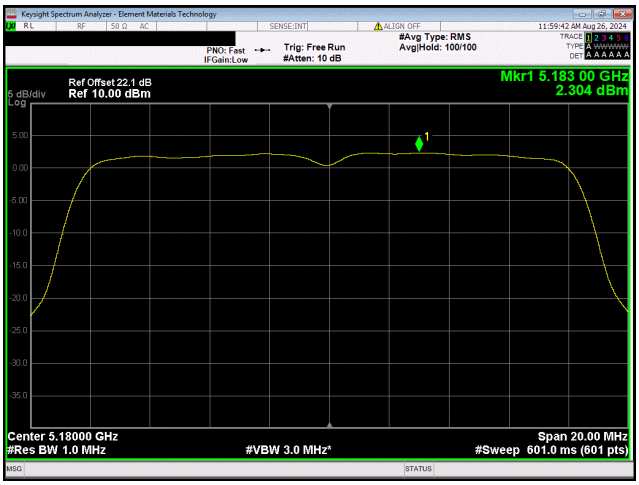
	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Antenna Gain (dBi)	EIRP Density (dBm/Ref BW)	EIRP Limit ≤ (dBm/Ref BW)	Results
5150 - 5250 MHz Band, UNII-1, 20 MHz						
Low Channel, Ch 36 - 5180 MHz						
802.11(a) 6 Mbps	4.001	0.3	2.2	6.5	10	Pass
802.11(a) 36 Mbps	2.304	1.3	2.2	5.8	10	Pass
802.11(a) 54 Mbps	0.844	1.8	2.2	4.8	10	Pass
802.11(n) MCS0	3.983	0.3	2.2	6.5	10	Pass
802.11(n) MCS7	-0.667	2	2.2	3.5	10	Pass

MAXIMUM POWER SPECTRAL DENSITY (EIRP)

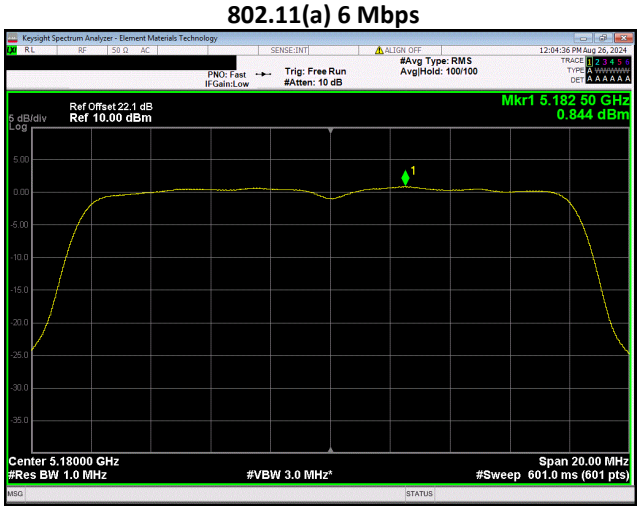
element
TbtTx 2024.05.24.1
WTD.2024.01.16.0



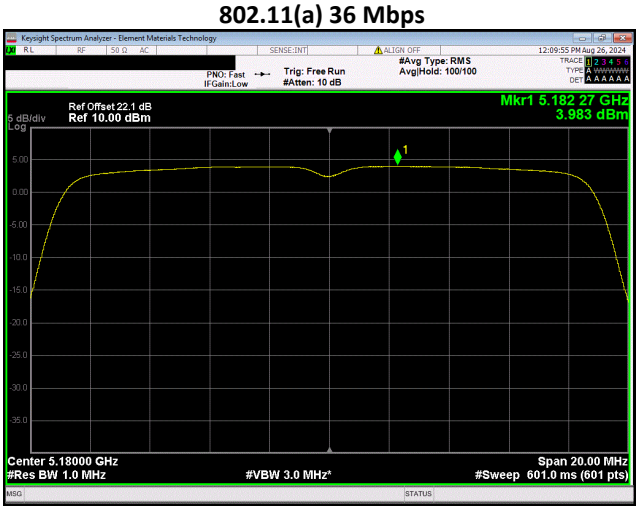
5150 - 5250 MHz Band, UNII-1, 20 MHz
Low Channel, Ch 36 - 5180 MHz
802.11(a) 6 Mbps



5150 - 5250 MHz Band, UNII-1, 20 MHz
Low Channel, Ch 36 - 5180 MHz
802.11(a) 36 Mbps

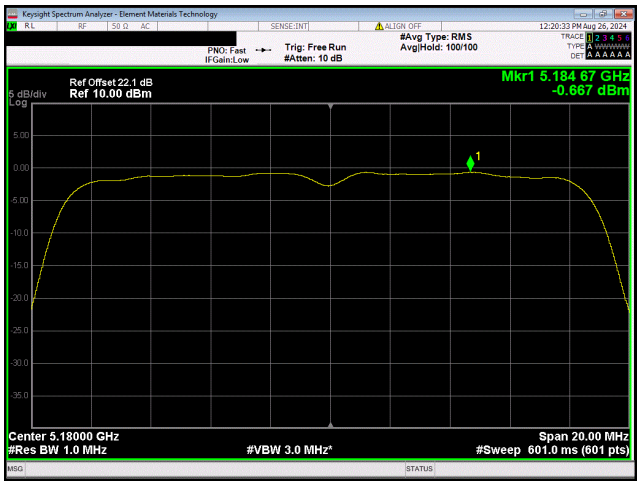


5150 - 5250 MHz Band, UNII-1, 20 MHz
Low Channel, Ch 36 - 5180 MHz
802.11(a) 54 Mbps



5150 - 5250 MHz Band, UNII-1, 20 MHz
Low Channel, Ch 36 - 5180 MHz
802.11(n) MCS0

MAXIMUM POWER SPECTRAL DENSITY (EIRP)



5150 - 5250 MHz Band, UNII-1, 20 MHz
Low Channel, Ch 36 - 5180 MHz
802.11(n) MCS7

End of Test Report