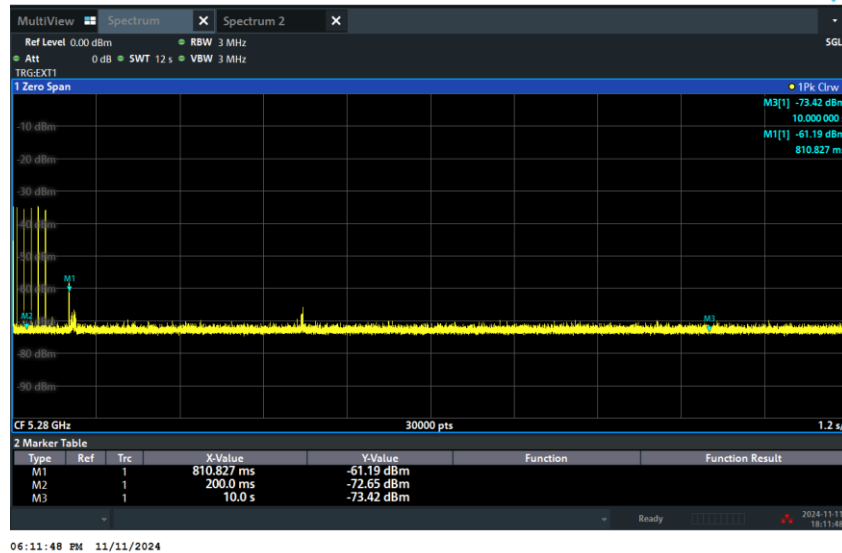


<160MHz / 5250MHz >In-Service Monitoring

Radar is injected at 5280 MHz

Channel Move Time & Channel Closing Transmission Time



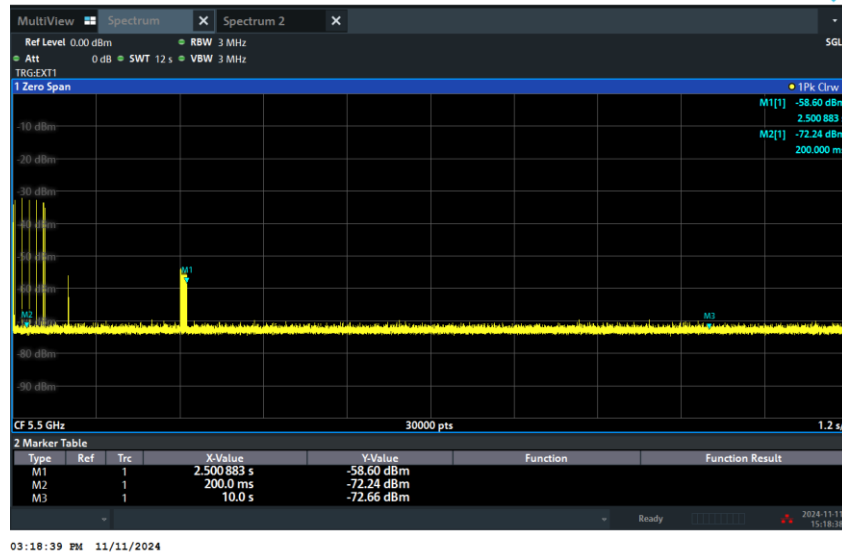
Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 12 ms) = 200 + Number (30) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

<80MHz / 5530MHz >In-Service Monitoring

Radar is injected at 5500 MHz

Channel Move Time & Channel Closing Transmission Time



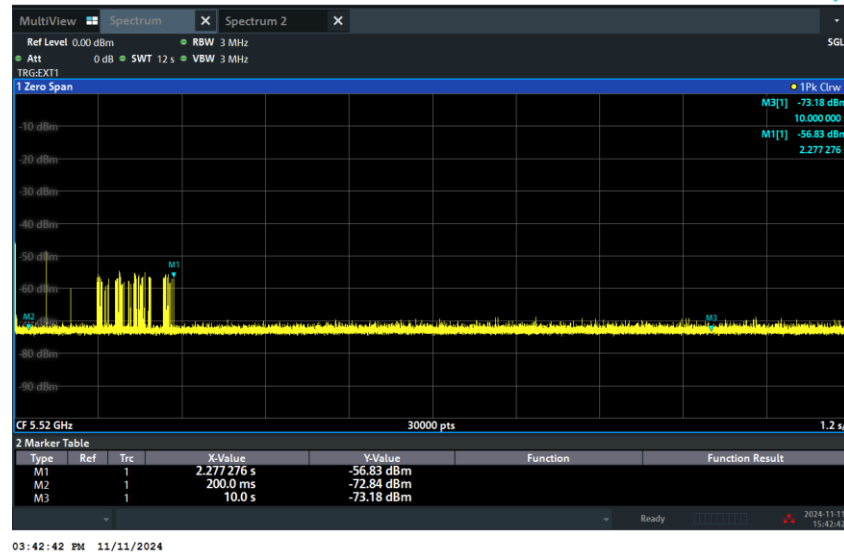
Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 52 ms) = 200 + Number (130) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

<80MHz / 5530MHz >In-Service Monitoring

Radar is injected at 5520 MHz

Channel Move Time & Channel Closing Transmission Time



Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 47.6 ms) = 200 + Number (119) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.



<80MHz / 5530MHz >In-Service Monitoring

Radar is injected at 5560 MHz

Channel Move Time &
Channel Closing Transmission Time

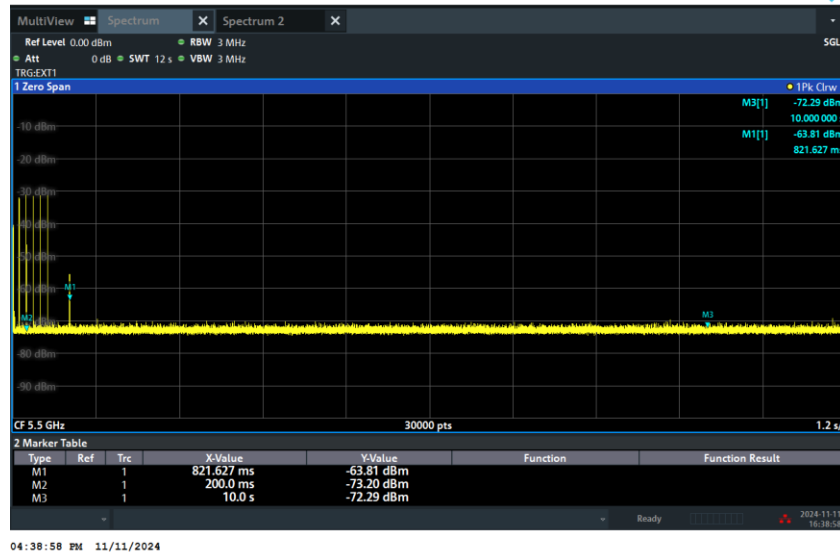
Note:

1. Dwell (0.4 ms) = Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 0 ms) = 200 + Number (0) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.



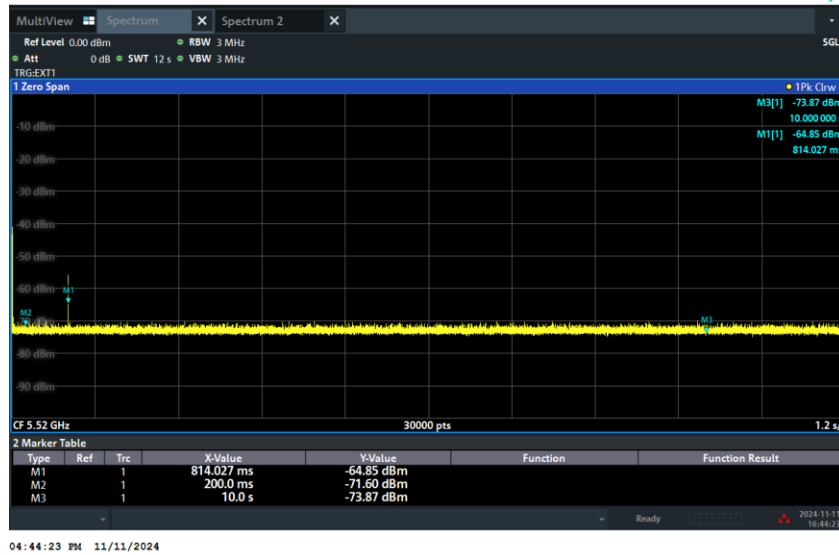
<160MHz / 5570MHz >In-Service Monitoring

Radar is injected at 5500 MHz

Channel Move Time &
Channel Closing Transmission Time

Note:

1. Dwell (0.4 ms) = Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 12 ms) = 200 + Number (30) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

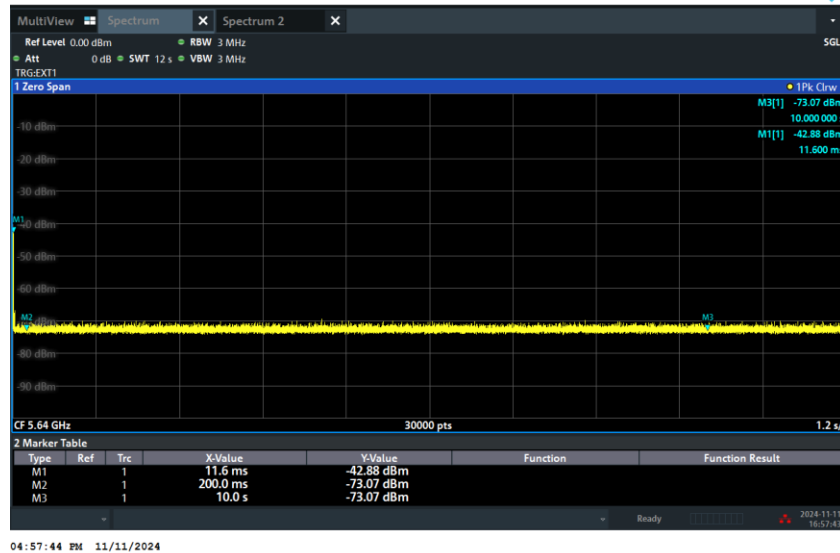
<160MHz / 5570MHz >In-Service Monitoring
Radar is injected at 5520 MHz
**Channel Move Time &
Channel Closing Transmission Time**

Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 4.4 ms) = 200 + Number (11) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

<160MHz / 5570MHz >In-Service Monitoring

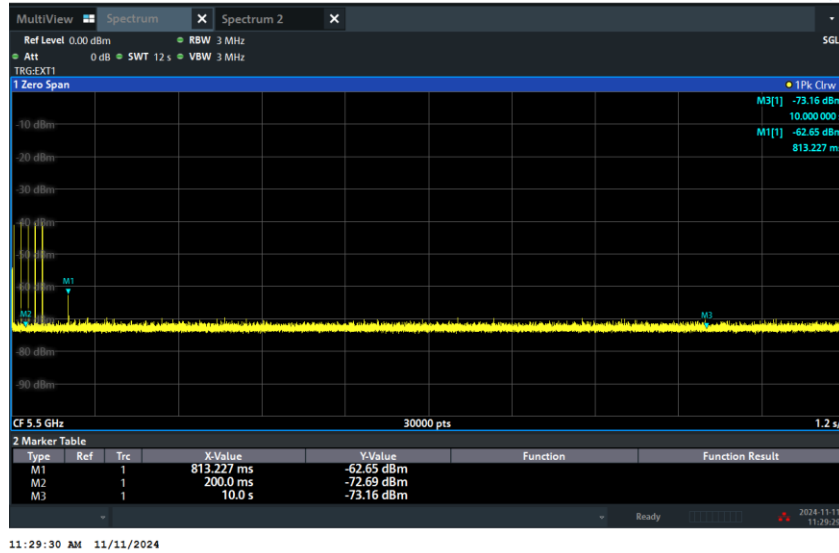
Radar is injected at 5640 MHz

Channel Move Time & Channel Closing Transmission Time

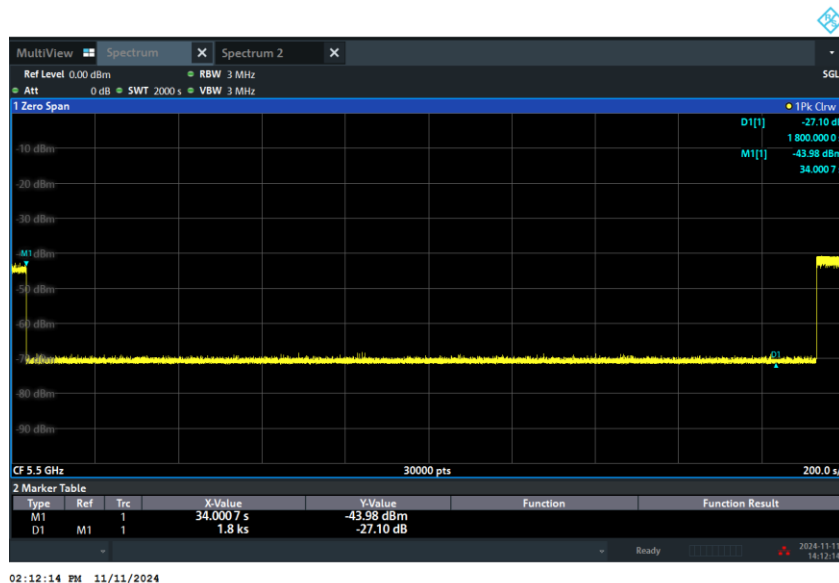


Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 0 ms) = 200 + Number (0) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

<240MHz / 5610MHz >In-Service Monitoring
Radar is injected at 5500 MHz
**Channel Move Time &
Channel Closing Transmission Time**

Note:

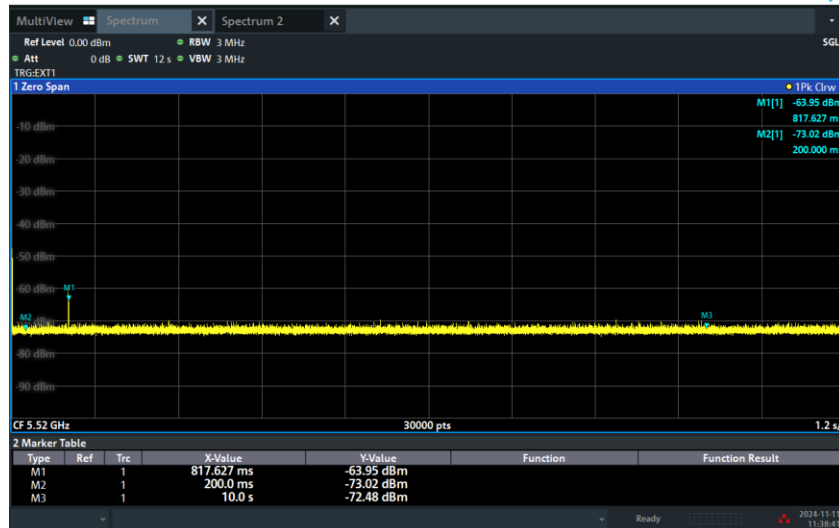
1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 10 ms) = 200 + Number (25) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

Non-Occupancy Period


<240MHz / 5610MHz >In-Service Monitoring

Radar is injected at 5520 MHz

Channel Move Time & Channel Closing Transmission Time



11:38:42 AM 11/11/2024

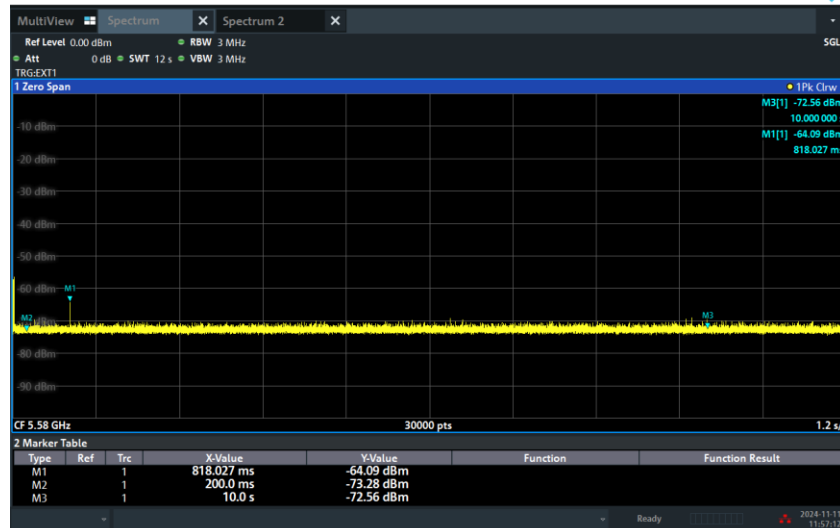
Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 4.8 ms) = 200 + Number (12) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

<240MHz / 5610MHz >In-Service Monitoring

Radar is injected at 5580 MHz

Channel Move Time & Channel Closing Transmission Time



11:57:12 AM 11/11/2024

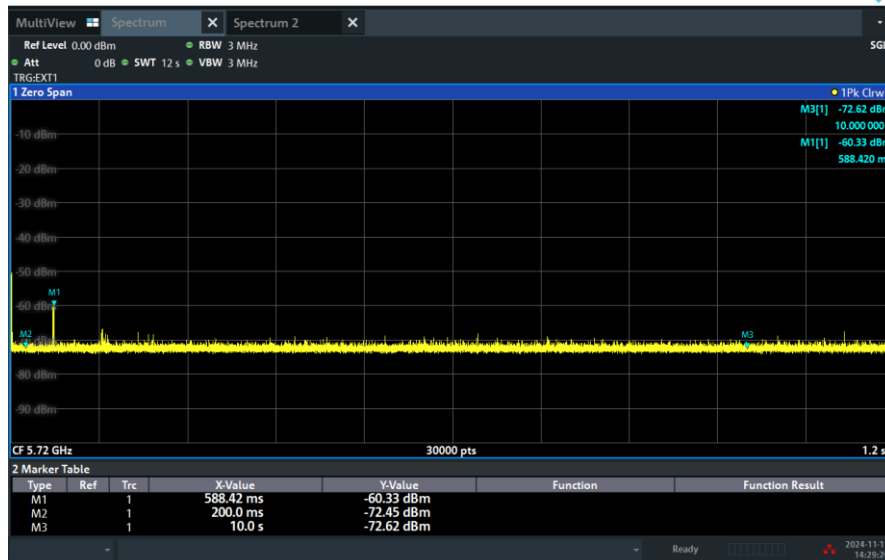
Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 2.4 ms) = 200 + Number (6) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.



<240MHz / 5610MHz >In-Service Monitoring

Radar is injected at 5720 MHz

Channel Move Time &
Channel Closing Transmission Time

02:29:21 PM 11/11/2024

Note:

1. Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
2. Channel Closing Transmission Time (200 + 15.2 ms) = 200 + Number (38) X Dwell (0.4 ms) < 260ms
3. The 99%OBW of Remaining Active Signal does not fall within the notched band.

5.2 26dB & 99% Occupied Bandwidth Measurement

5.2.1 Description of 26dB & 99% Occupied Bandwidth

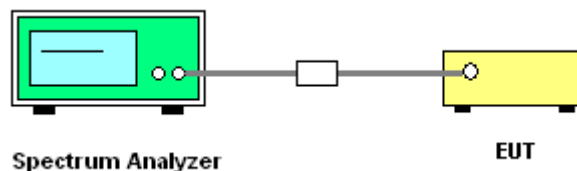
This section is for reporting purpose only.

There is no restriction limits for bandwidth.

5.2.2 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

5.2.3 Test Setup



5.2.4 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

5.3 Maximum Conducted Output Power Measurement

5.3.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.25–5.725 GHz bands:

- The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

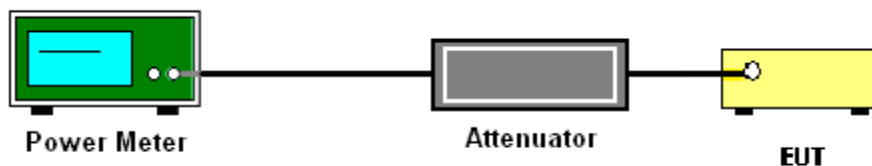
5.3.2 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

5.3.3 Test Setup



5.3.4 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



5.4 Power Spectral Density Measurement

5.4.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

5.4.2 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

Method SA-3

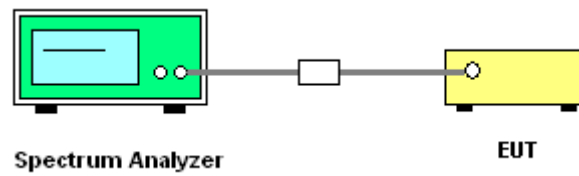
(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

5.4.3 Test Setup



5.4.4 Test Result of Maximum Power Spectral Density

Please refer to Appendix A.



6 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator	Keysight	N5182B	MY56200377	9kHz~6GHz	Apr. 18, 2024	Sep. 09, 2024~ Nov. 12, 2024	Apr. 17, 2025	DFS (03CH18-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 30, 2024	Sep. 09, 2024~ Nov. 12, 2024	Jan. 29, 2025	DFS (03CH18-HY)
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	071027	1GHz~18GHz	Dec. 20, 2023	Sep. 09, 2024~ Nov. 12, 2024	Dec. 19, 2024	DFS (03CH18-HY)
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	071025	1GHz~18GHz	Nov. 27, 2023	Sep. 09, 2024~ Nov. 12, 2024	Nov. 26, 2024	DFS (03CH18-HY)
Software 1	Sporton	DFS & AdaptivityTest Tools	N/A	Ver 1.0	NCR	Sep. 09, 2024~ Nov. 12, 2024	NCR	DFS (03CH18-HY)
Software 2	Keysight	Keysight Signal Studio for DFS Radar Profiles	N/A	Ver 1.5.5.0	NCR	Sep. 09, 2024~ Nov. 12, 2024	NCR	DFS (03CH18-HY)
Power Sensor	DARE	RPR3006W	16I00054SN O13 (NO:255)	10MHz~6GHz	Jan. 08, 2024	Sep. 09, 2024~ Nov. 12, 2024	Jan. 07, 2025	DFS (03CH18-HY)
Software	Sporton	BTWIFI_Final_version_240823	N/A	Conducted Other Test Item	N/A	Sep. 09, 2024~ Nov. 12, 2024	N/A	DFS (03CH18-HY)



Appendix A. Test Result of Conducted Test Items

Test Engineer :	Rebecca Li	Temperature :	21~24℃
		Relative Humidity :	46~56%

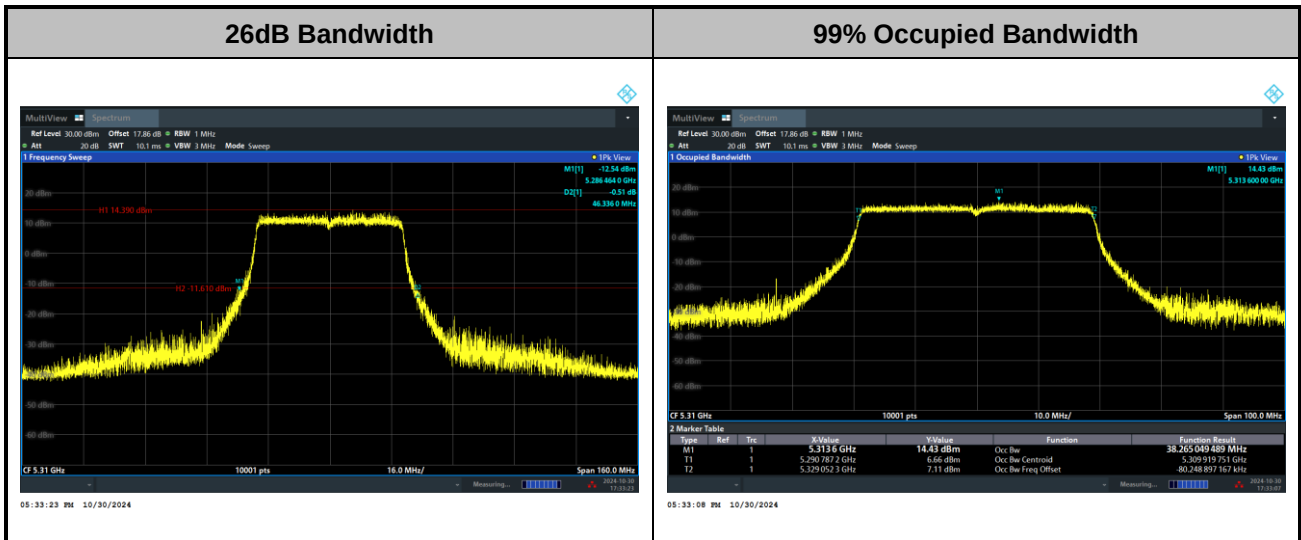
TEST RESULTS DATA

Test Channel			Radar	Bandwidth Shrinking											
Mod.	CH.	Freq. (MHz)	Freq. (MHz)	Mod.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Average Conducted Power (dBm)				Average Conducted PSD (dBm/MHz)	
						Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	SUM	Limit	SUM	Limit
EHT80	58	5290	5260	EHT40	5310	38.27	38.36	46.34	45.50	18.37	18.57	21.48	23.98	9.58	11.00
			5280	EHT40	5310	38.29	38.28	46.62	45.90	18.37	18.37	21.38	23.98	9.69	11.00
EHT160	50	5250	5260	EHT40	5310	38.33	38.28	45.93	46.74	18.27	18.27	21.28	23.98	9.80	11.00
			5280	EHT40	5310	38.30	38.27	46.53	45.71	18.27	18.47	21.38	23.98	9.57	11.00
EHT80	106	5530	5500	EHT40	5550	38.39	38.43	46.54	45.66	18.82	18.82	21.83	23.98	10.15	11.00
			5520	EHT40	5550	38.30	38.42	46.99	44.98	18.62	18.72	21.68	23.98	9.96	11.00
			5560	EHT40	5510	38.39	38.12	47.02	47.55	17.82	17.82	20.83	23.98	9.60	11.00
EHT160	114	5570	5500	EHT80	5610	77.56	77.31	84.38	84.45	18.42	18.52	21.48	23.98	10.22	11.00
			5520	EHT80	5610	77.55	77.44	85.60	84.22	18.52	18.52	21.53	23.98	10.12	11.00
			5640	EHT80	5530	77.50	77.48	84.06	84.22	18.82	18.92	21.88	23.98	10.90	11.00
EHT240	122	5610	5500	EHT80	5610	77.12	77.10	82.78	82.98	18.62	18.52	21.58	23.98	10.47	11.00
			5520	EHT80	5610	77.10	77.05	83.07	83.17	18.52	18.42	21.48	23.98	10.22	11.00
			5580	EHT80	5530	77.02	77.04	83.17	83.84	18.82	18.92	21.88	23.98	10.77	11.00
			5720	EHT160	5570	157.42	157.40	164.64	165.65	18.72	18.82	21.78	23.98	10.35	11.00

Remark: The directional gain of the transmit antenna is less than 6 dBi.

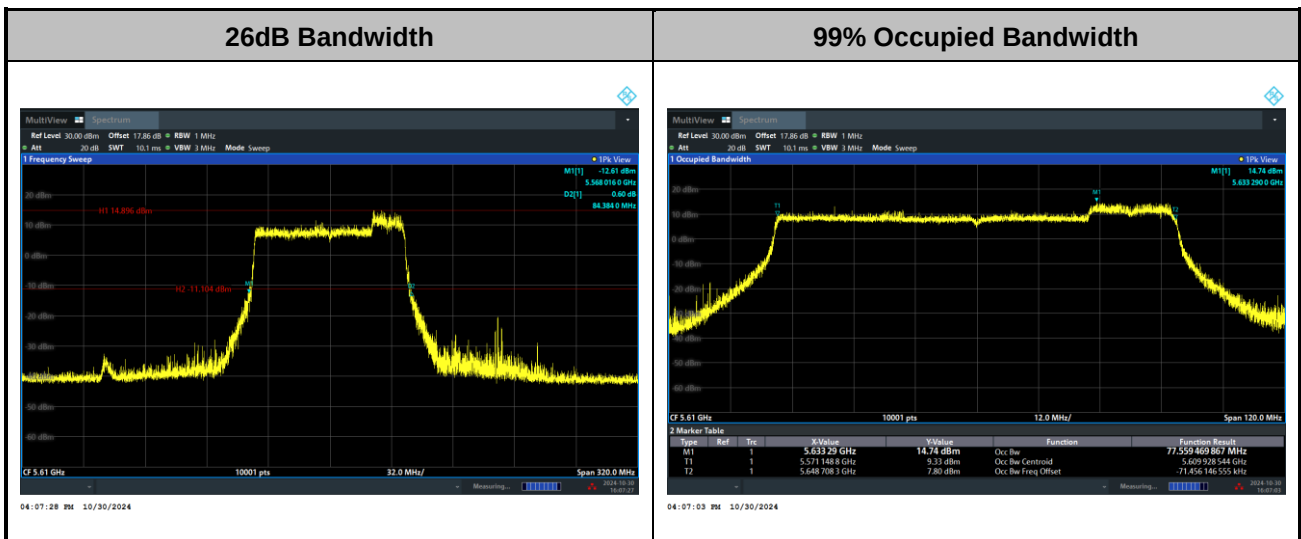
**Test Result of 26dB & 99% Occupied Bandwidth**

<802.11be EHT40>



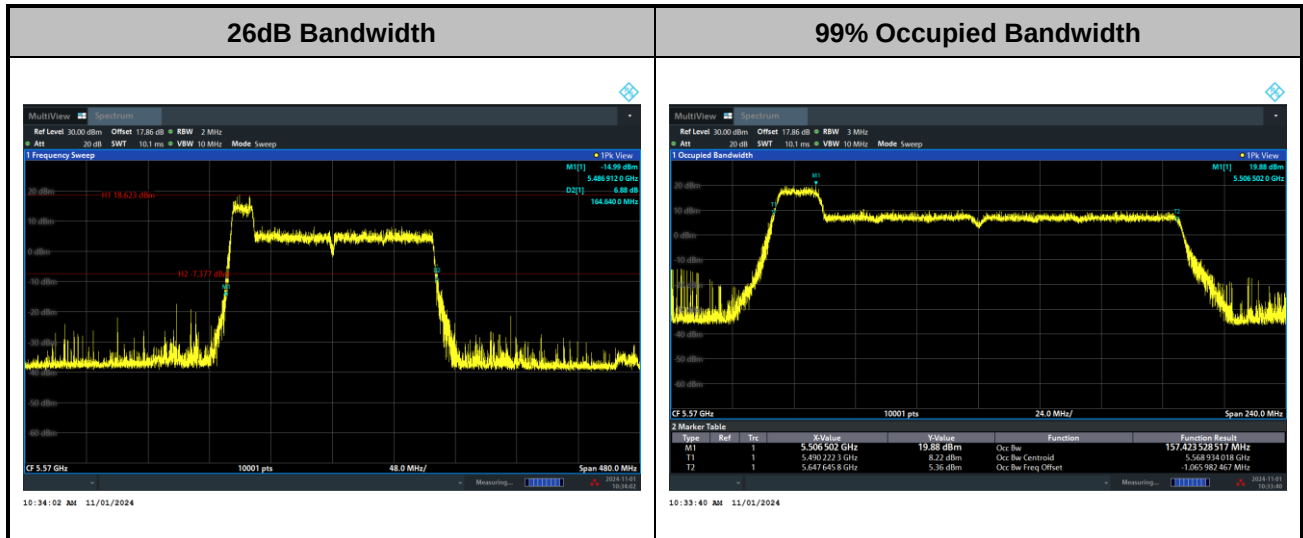
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

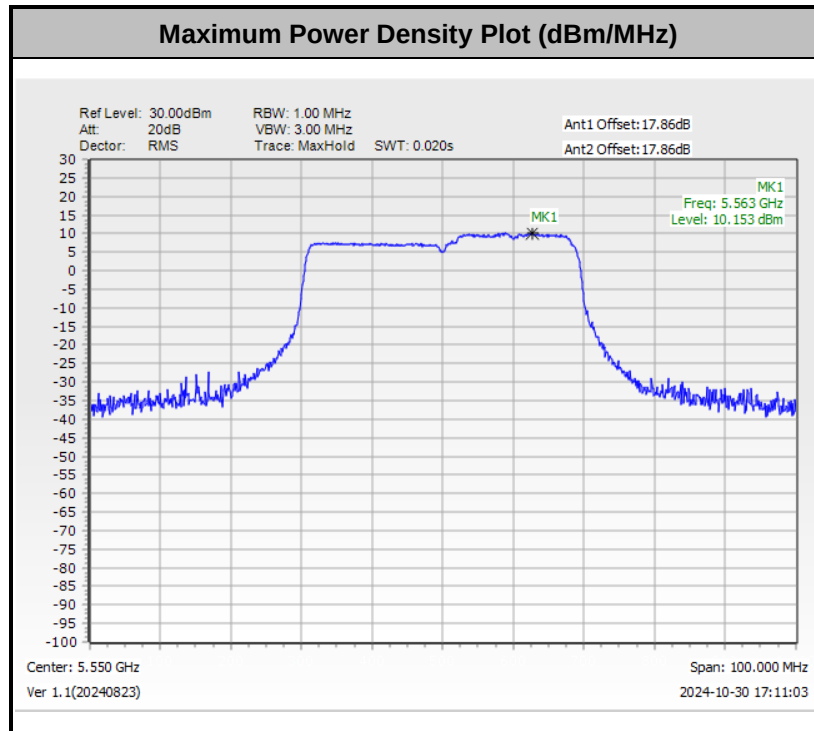
<802.11be EHT160>



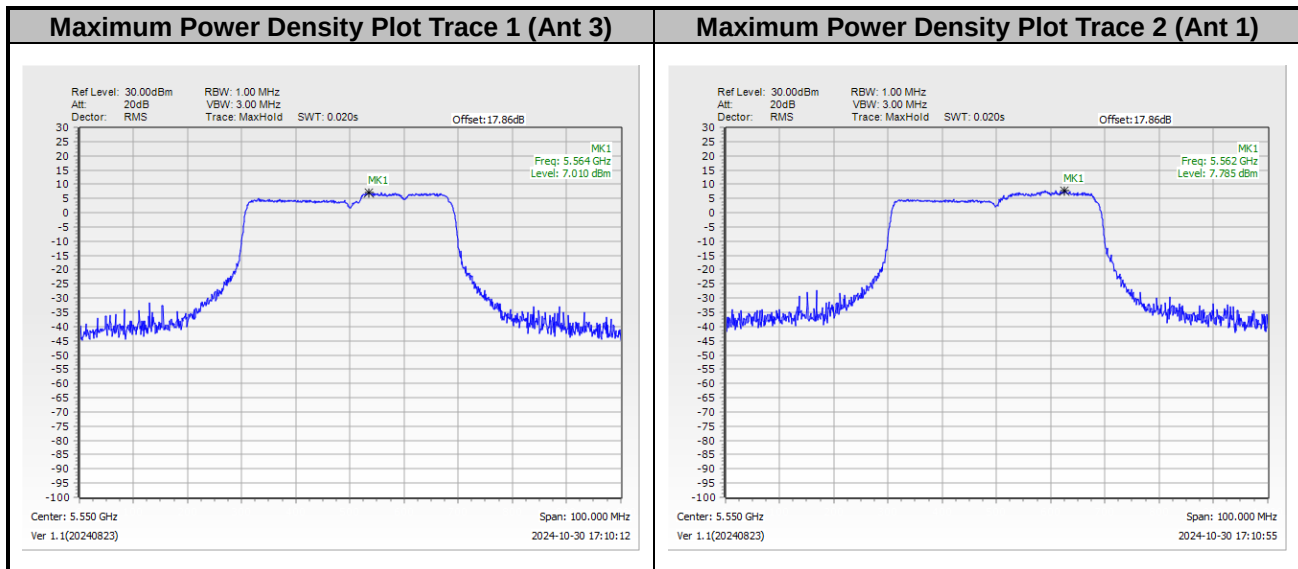
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11be EHT40>

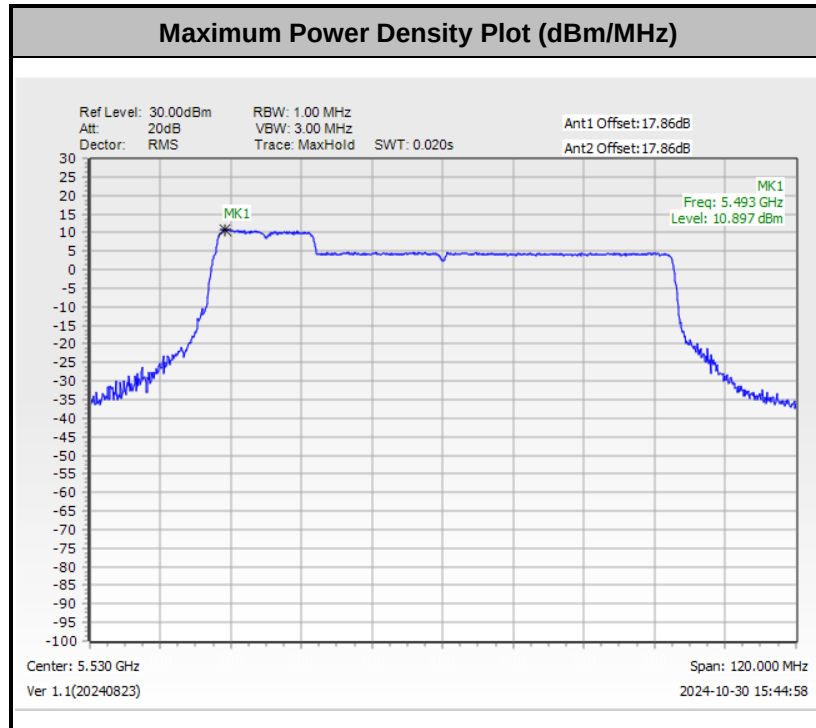


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

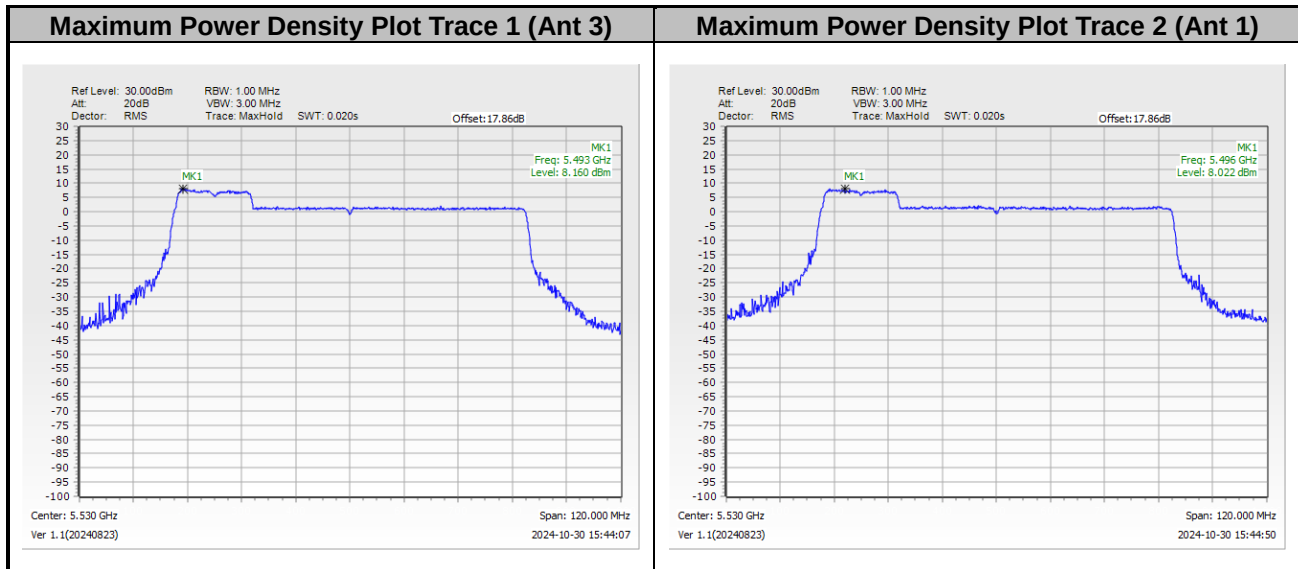




<802.11be EHT80>

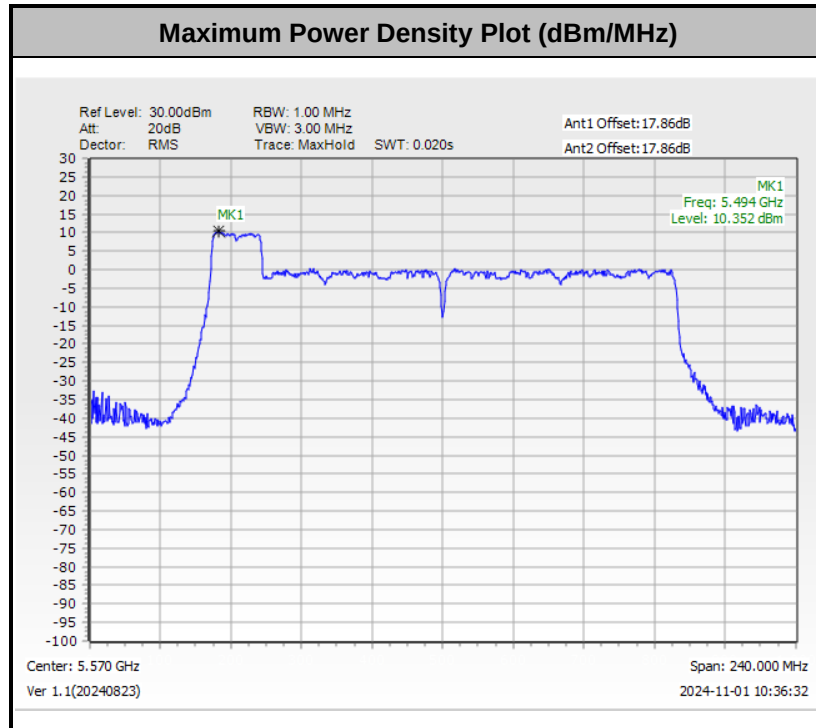


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

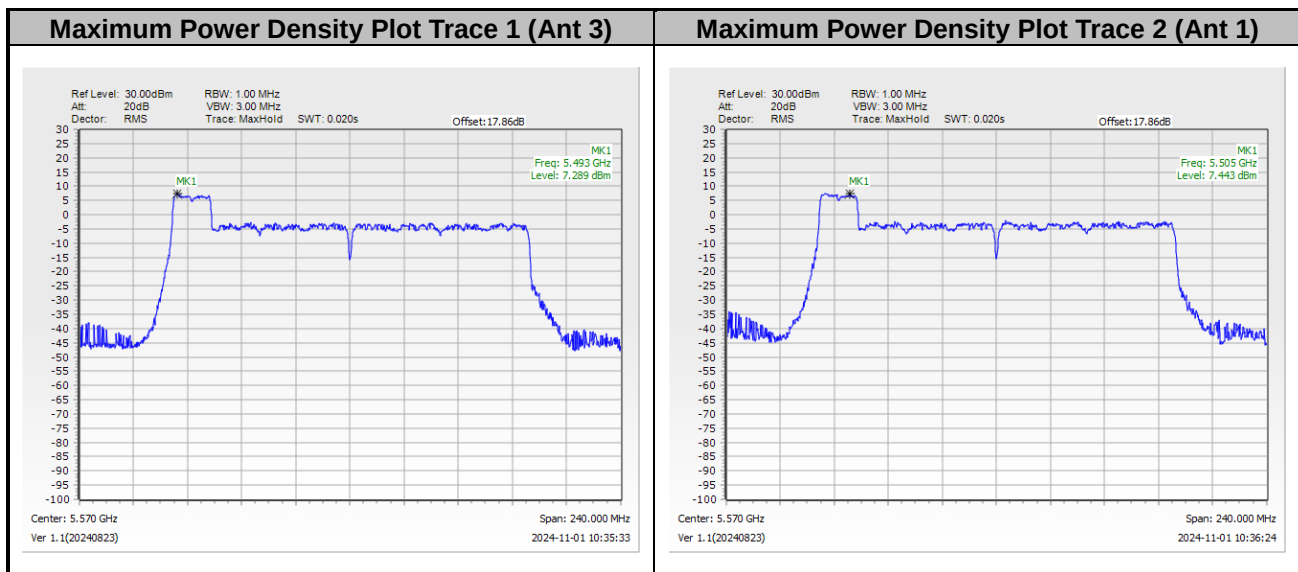




<802.11be EHT160>



Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



——THE END——