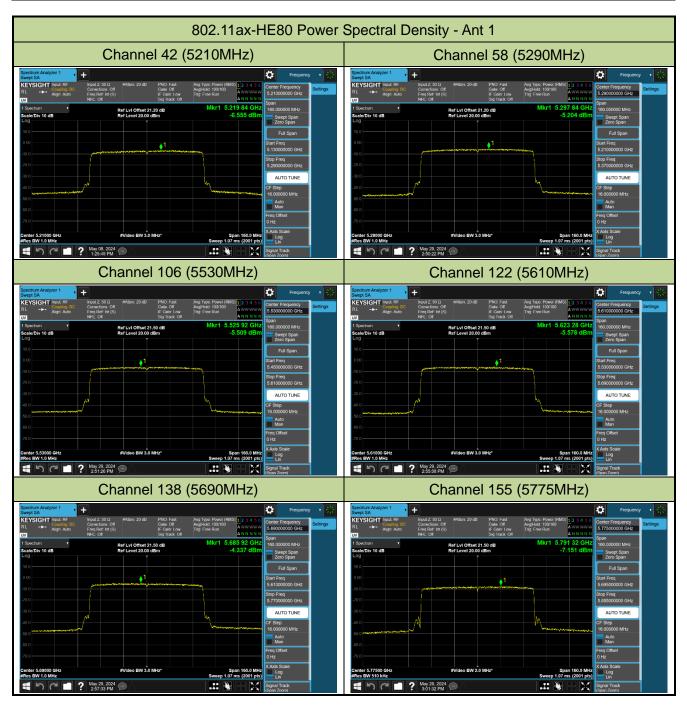
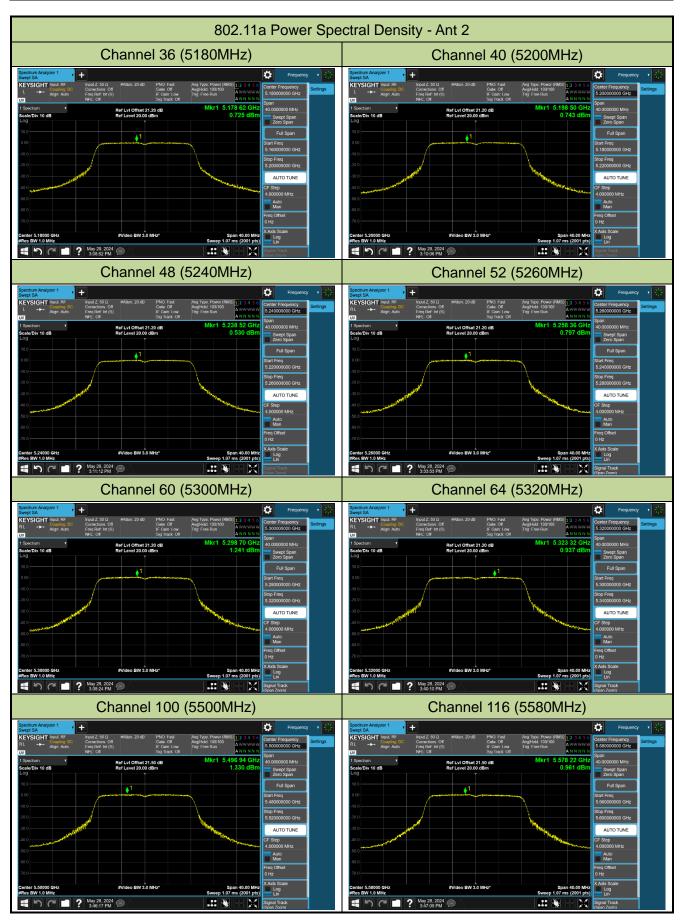


Channel 151 (5755MHz)			Channel 159 (5795MHz)				
Spectrum Analyzer 1 Swept SA KEYSIGHT Input. RF RL + Alato	Input Z: 50 D #Atten. 20 dB PNO: Fast Correctors: Off Calle Off Fing Ref: tht (5) IF Cain: Low NFE: Off Stores Caller Off		Center Frequency Center Frequency S.75500000 GHz	Spectrum Analyzer 1 Swept SA KEYSIGHT Input. RF RL +++ Couping: DC Align: Auto	Input Z: 50 Ω MAlten. 20 dB PNO. Fast Corrections: Off Gate: Off Freq Ref. Int (S) IF Gain: Low NFE; Off So Track Off	Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 100/100 Trig: Free Run A NN NN N	Center Frequency Center Frequency Settings
1 Spectrum Scale/Div 10 dB Log 10 0 0 00	Ref Lvi Offset 21.50 dB Ref Level 20.00 dBm	Mkr1 5.757 08 GHz -4.823 dBm	Span 80.000000 MHz Swept Span Zero Span Full Span Start Freq	1 Spectrum • Scate/Div 10 dB Log 10.0	Ref Lvi Offset 21.50 dB Ref Level 20.00 dBm	Mkr1 5.800 96 GHz -4.938 dBm	Span B0.0000000 MHz Swept Span Zero Span Full Span Start Freg
-10 0		**************************************	5.715000000 GHz Stop Freq 5.795000000 GHz AUTO TUNE	-10 0 -20 0 -30 0			5.755000000 GHz Stop Freq 5.835000000 GHz AUTO TUNE
-40 0 -50.0	w ^w	1 Mary conversion and a second	CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz	-40 0 -50 0 -60 0 -70 0	M ²¹		CF Step 8.000000 MHz Auto Man Freq Offset
Center 5.75500 GHz #Res BW 510 kHz	#Video BW 2.0 MHz* ? May 29, 2024	Span 80.00 MHz Sweep 1.07 ms (2001 pts)	V Hz X Axls Scale Log Lin Signal Track (Snan Zoom)	Center 5.79500 GHz #Res BW 510 kHz	#Video BW 2.0 MHz* May 29, 2024	Span 80.00 MHz Sweep 1.07 ms (2001 pts)	0 Hz X Axis Scale Log Lin Signal Track (Sana Zom)

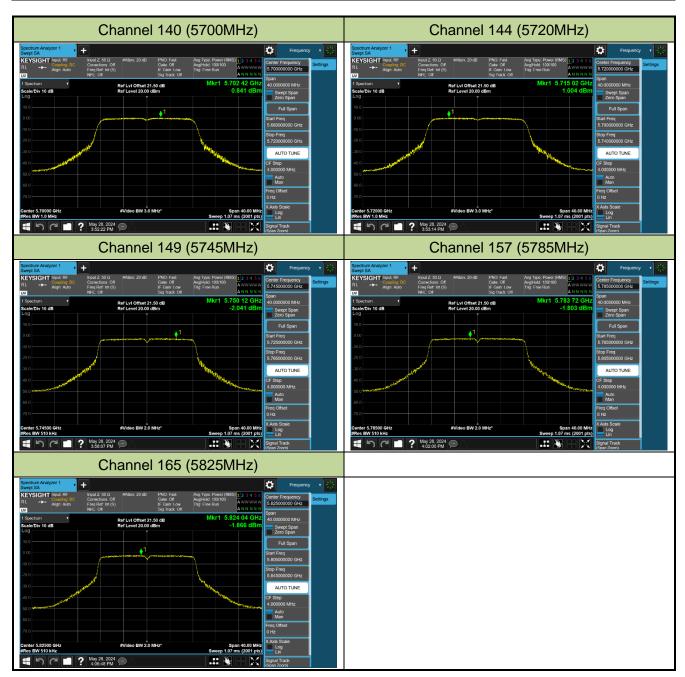




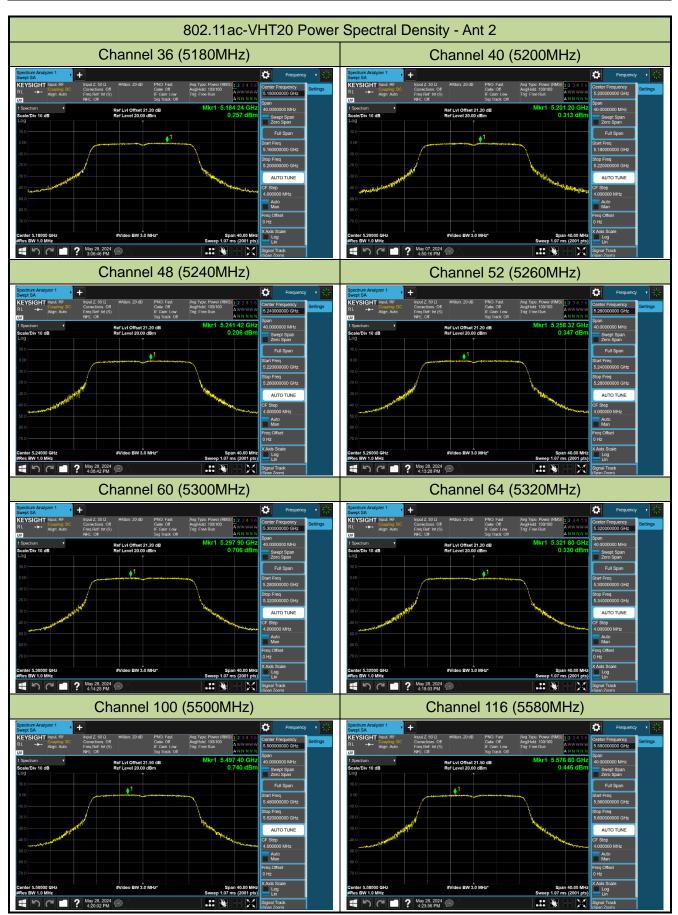




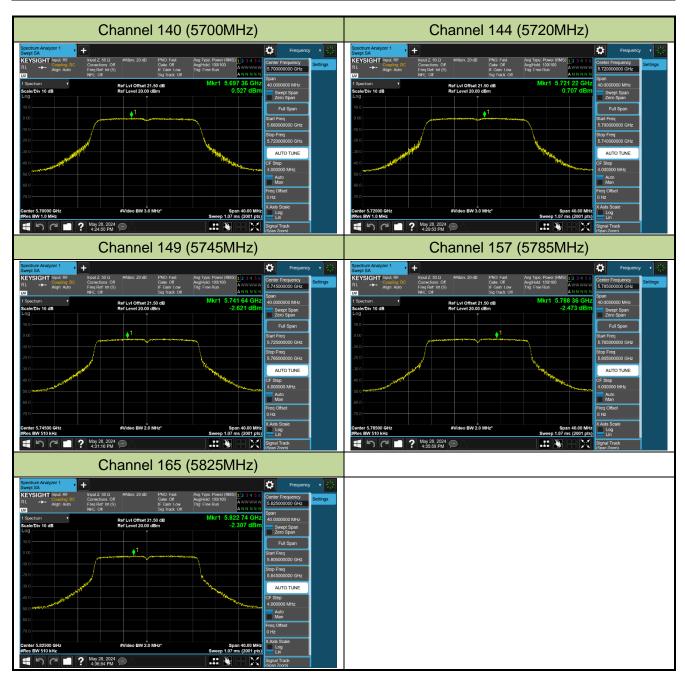




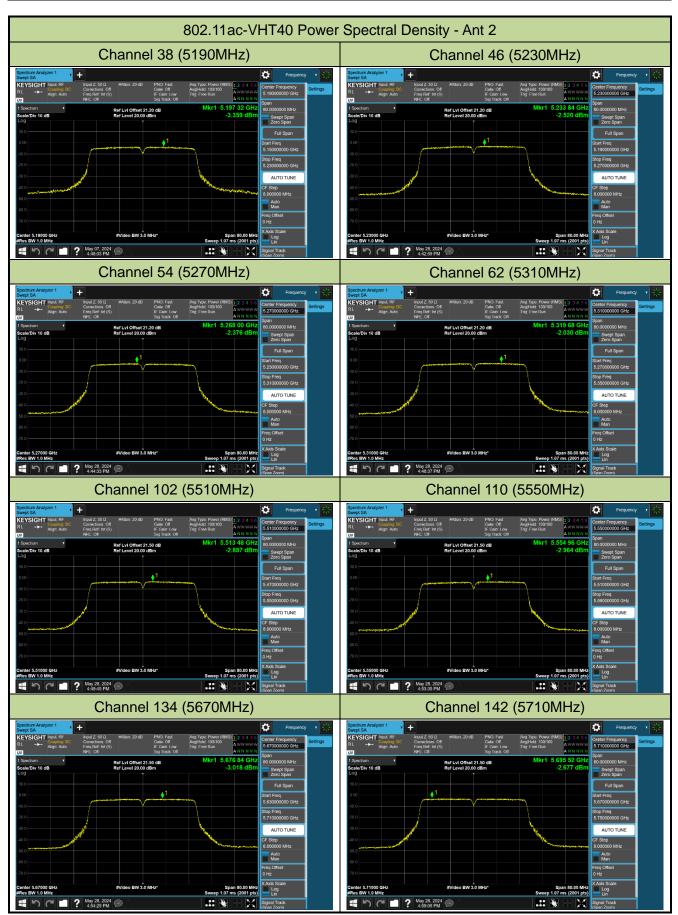








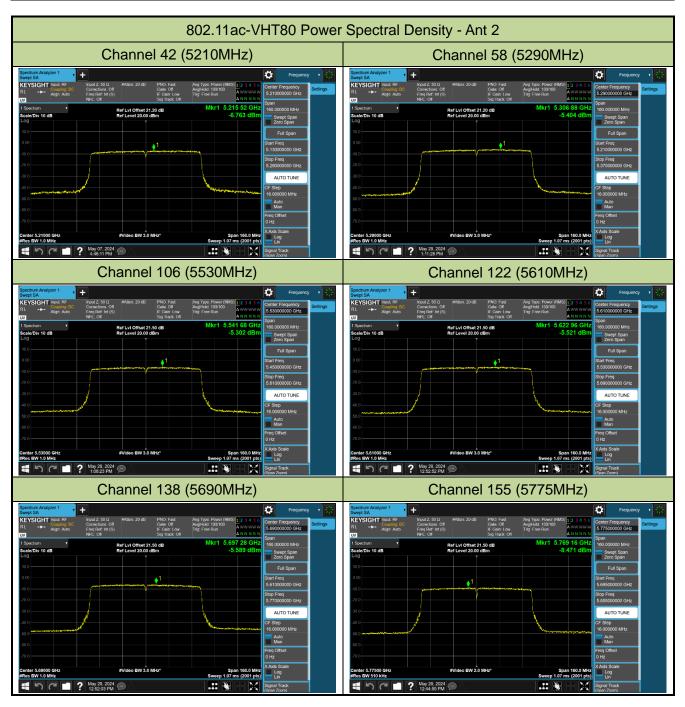




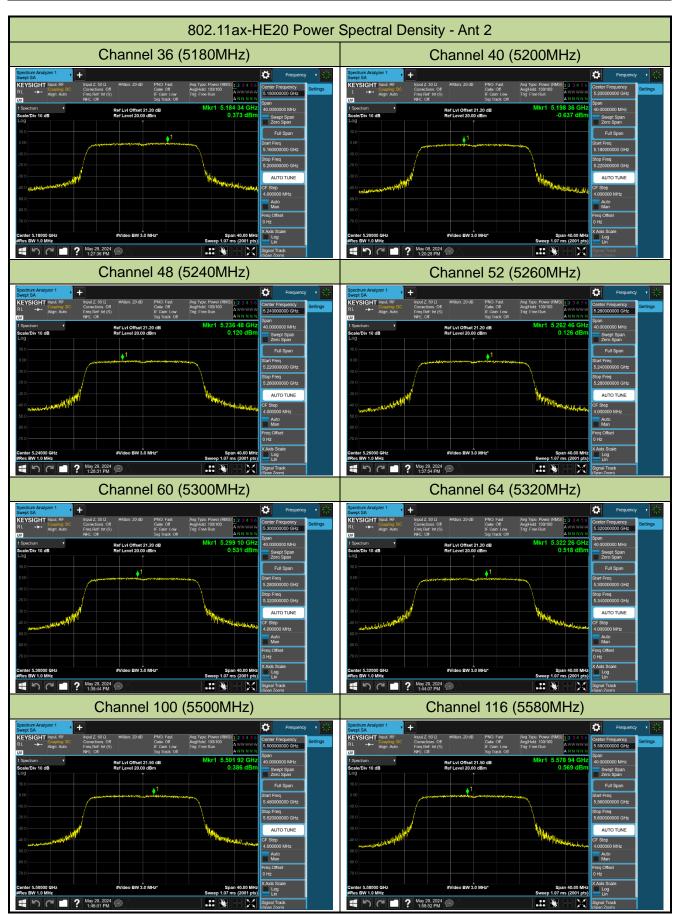


Channel 151 (5755MHz)			Channel 159 (5795MHz)				
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF RL - Coupling DC Align: Auto	Hout Z 50 Ω #Allen: 20 dB PNO: Fast Corrections: Off Freq Ref: Int (S) IF Gein: Lo		Center Frequency Center Frequency Settings	Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF RL Couping: DC Align: Auto	Hinguit Z: 50 D. MAtten: 20 dB PNO. Fast. Corrections: Off Freq Ref: Int (S) IF Gate: 1 ow	Avg Type: Power (RMS) 12 3 4 5 6 AvgHold: 100/100 Ting Free Run A WWWWW	Frequency Center Frequency Settings
CO CO Control of the second sec	Ref Lover 200 signate.	Mkr1 5.753 66 CH4 -6.320 dBr	Span 00000000 MHz 2ers Span Full Span Start Freq 5.7 H500000 GHz Stort Freq 6.7 H500000 GHz CF Stop CF Stop Auto Other Auto Other	City Scale/Div 10 dB Log	Net: 01 Seg Index OF	Mkr1 5.787 80 GHz -5.436 dBm	Span 0:0000000 MHz 0:000000 MHz 2erd Span Full Span Start Freq 6:75000000 GHz Stage Span CF Stop 0:000000 GHz GP Start Freq 6:05000000 GHz CF Stop 0:00000 MHz 4:00
-000 -700 Center 5.75500 GHz #Res BW 510 kHz 電 う C ■ ?	#Video BW 2.0 MHz*	Span 80.00 MH Sweep 1.07 ms (2001 pts		-70 0 -70 0 Center 5.79500 GHz #Res BW 510 kHz	#Video BW 2.0 MHz* May 20, 2024 123513 PM	Span 80.00 MHz Sweep 1.07 ms (2001 pts)	X Axis Scale Log Signal Track (Sean Zoom)

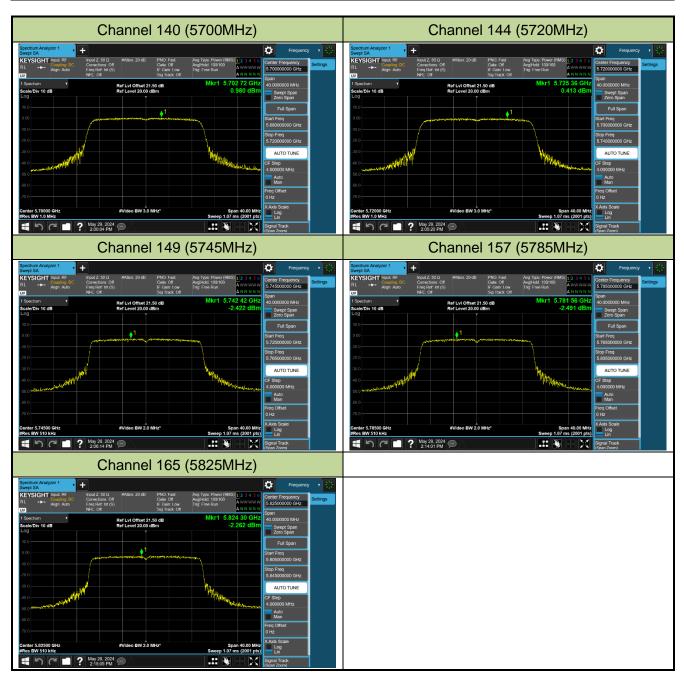




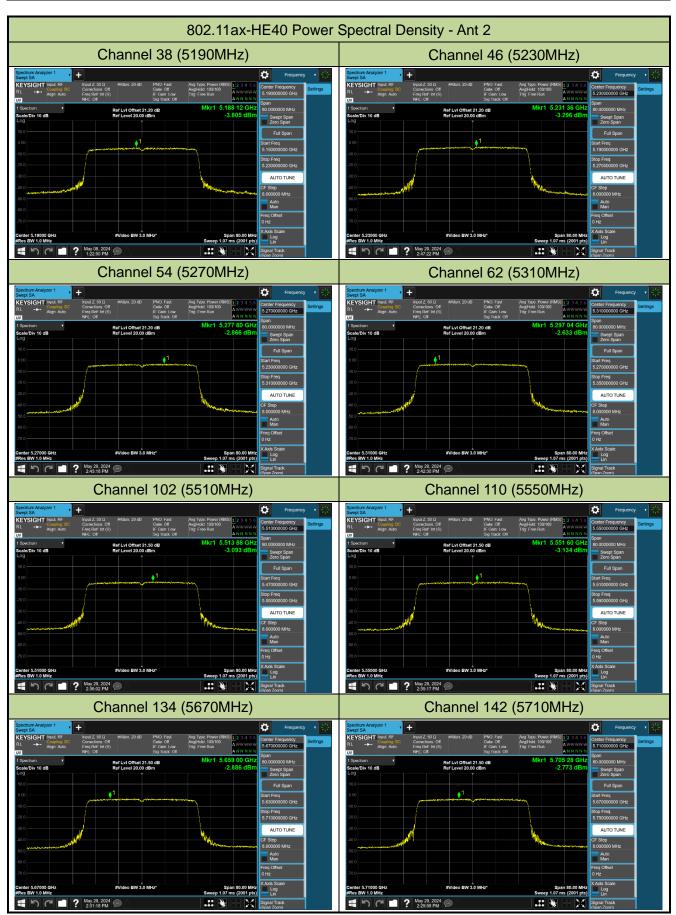








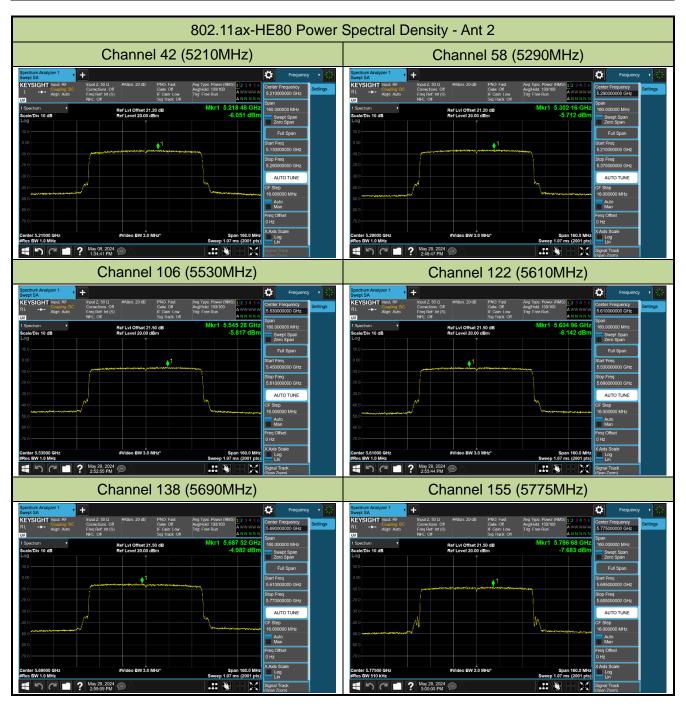






Channel 151 (5755MHz)			Channel 159 (5795MHz)				
Spectrum Analyzer 1 Swept SA KEYSIGHT Input. RF RL AIGN Auto	H Input Z 50 Ω MAtten, 20 dB PNO. Fast Corrections: Off Celler Off	Avg Type: Power (RMS) 1 2 3 4 5 6 Avg[Hold: 100/100 Avv/WWW	Frequency •	Spectrum Analyzer 1 Swept SA KEYSIGHT Couping DC	Corrections: Off Gate		Center Frequency Center Frequency Settings
Align: Auto	Fing Ref. Int (S) IF Gain: Low NFE: Off Ref Lvi Offset 21.50 dB Ref Level 20.00 dBm	Trig Free Run A WWWWW A N N N N N Mkr1 5.750 12 GHz -5.184 dBm	Span 80.0000000 MHz Swept Span	Align: Auto		nin: Low Tng Free Run AWWWWW rack: Off Mkr1 5.798 80 GHz -5.371 dBm	Span 80.0000000 MHz Swept Span
10.0			Zero Span Full Span Start Freq	10.0	<u> </u>		Erro Span Full Span Start Freq
			5.715000000 GHz Stop Freq 5.795000000 GHz	-10.0	And a second sec		5.755000000 GHz Stop Freq 5.835000000 GHz
-30 0 -40 0 -50 0		Margar and a second sec	AUTO TUNE CF Step 8.000000 MHz Auto	-30 0 -40 0 -50 0	www.	hay when a second	CF Step 8.000000 MHz
			Freq Offset 0 Hz	-60 0			Man Freq Offset 0 Hz
Center 5.75500 GHz Res BW 510 kHz	#Video BW 2.0 MHz*	Span 80.00 MHz Sweep 1.07 ms (2001 pts)	Log Lin	Center 5.79500 GHz #Res BW 510 kHz	#Video BW 2.0 MHz*	Span 80.00 MHz Sweep 1.07 ms (2001 pts)	
1 7 7 1 ?	May 29, 2024 🗩		Signal Track (Span Zoom)	1	? May 29, 2024 🗩 🔿		Signal Track (Span Zoom)







7.7. Frequency Stability Measurement

7.7.1.Test Limit

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

7.7.2.Test Limit

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

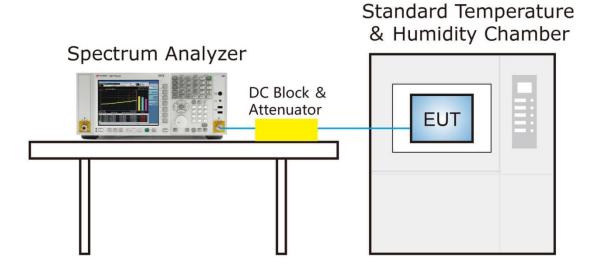
Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.



7.7.3.Test Setup



7.7.4.Test Result

Grantee ensure that the product meets e-CFR Title 47 section 15.407(g) and KDB 789033 D02v02r01 frequency stability such that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.



7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title

47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209					
Frequency	Field Strength Measured Distance				
[MHz]	[uV/m]	[Meters]			
0.009 - 0.490	2400/F (kHz)	300			
0.490 - 1.705	24000/F (kHz)	30			
1.705 - 30	30	30			
30 - 88	100	3			
88 - 216	150	3			
216 - 960	200	3			
Above 960	500	3			

7.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section II)G)

7.8.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
>1000 MHz	1 MHz



Quasi-Peak Measurements below 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. Span was set greater than 1MHz
- 3. RBW = as specified in Table 1
- 4. Detector = CISPR quasi-peak
- 5. Sweep time = auto couple
- 6. Trace was allowed to stabilize

Peak Measurements above 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW; If the EUT is configured to transmit with duty cycle \ge 98%, set VBW = 10 Hz.
- If the EUT duty cycle is < 98%, set VBW \geq 1/T. T is the minimum transmission duration.
- 4. Detector = Peak
- 5. Sweep time = auto
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize