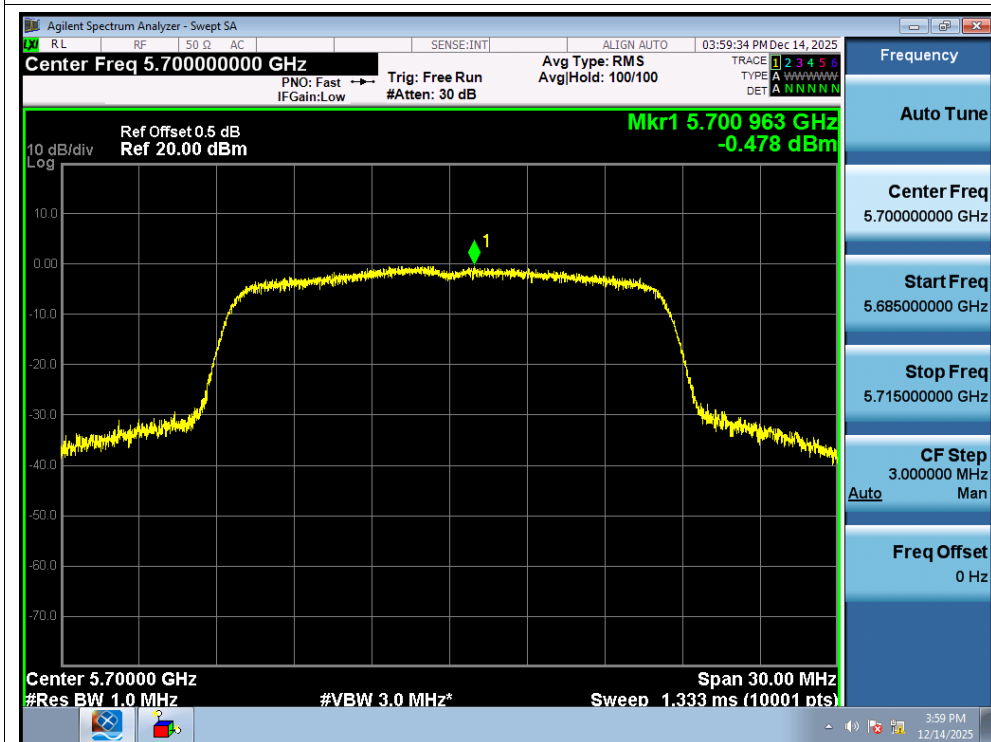
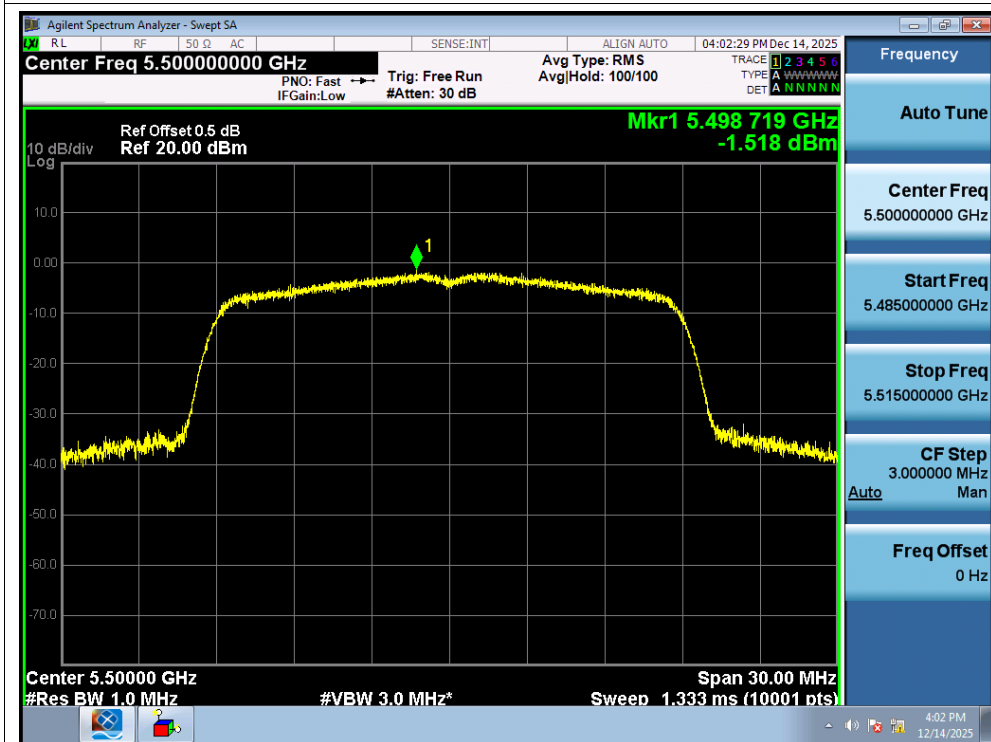
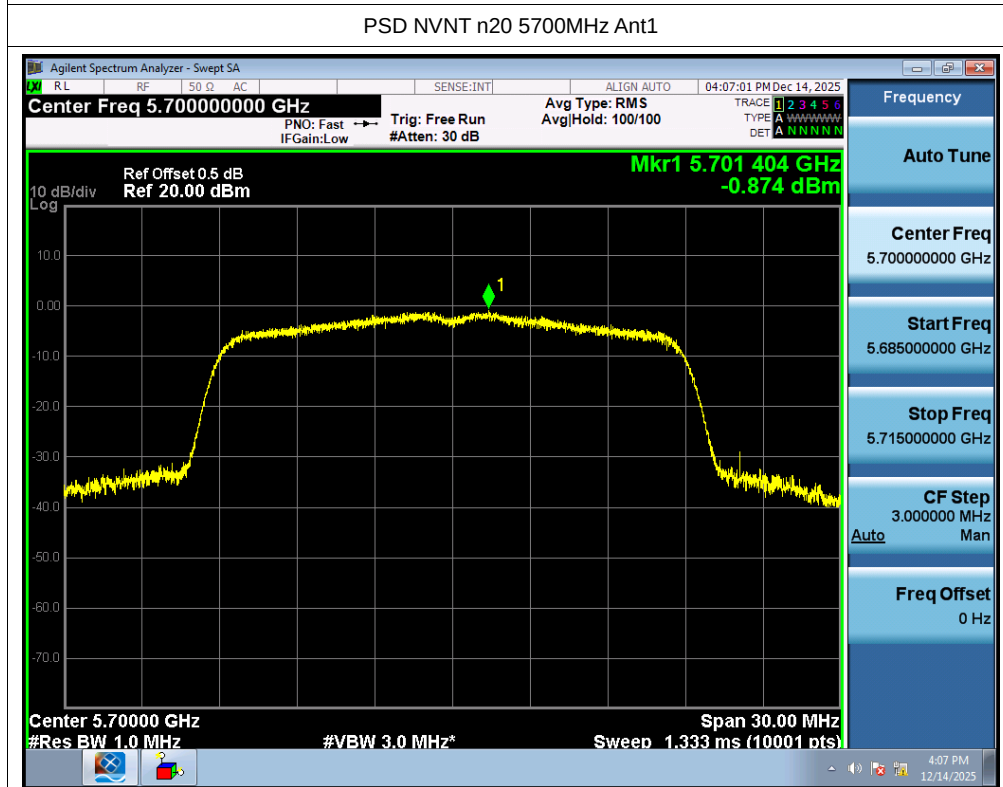
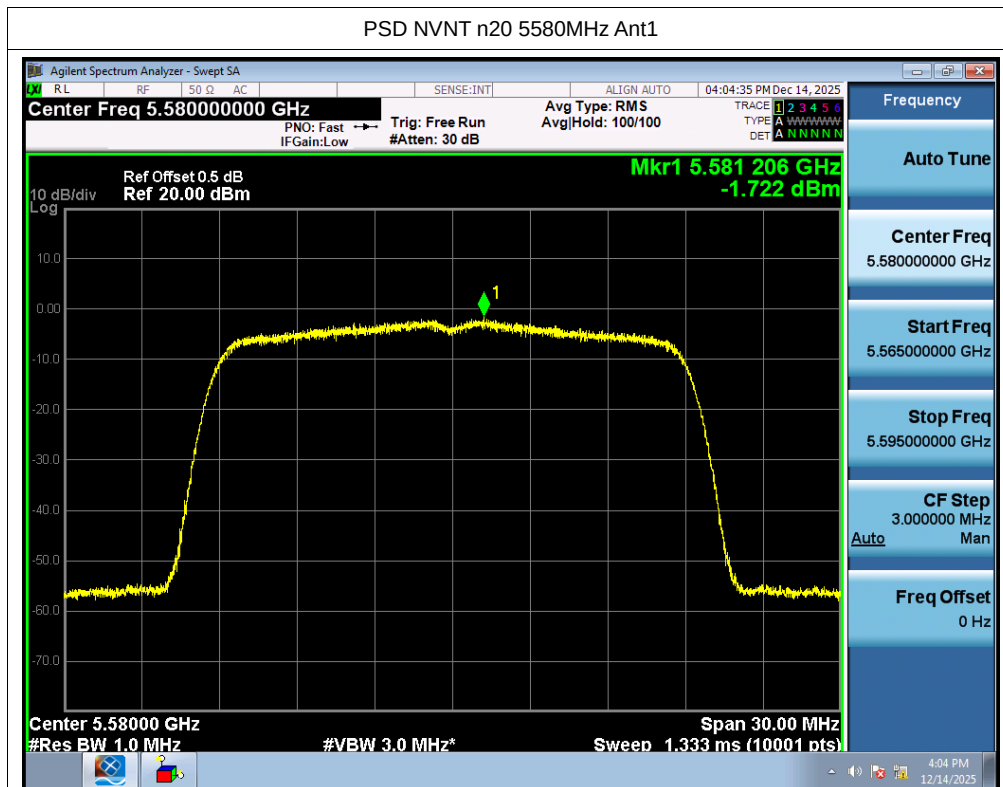


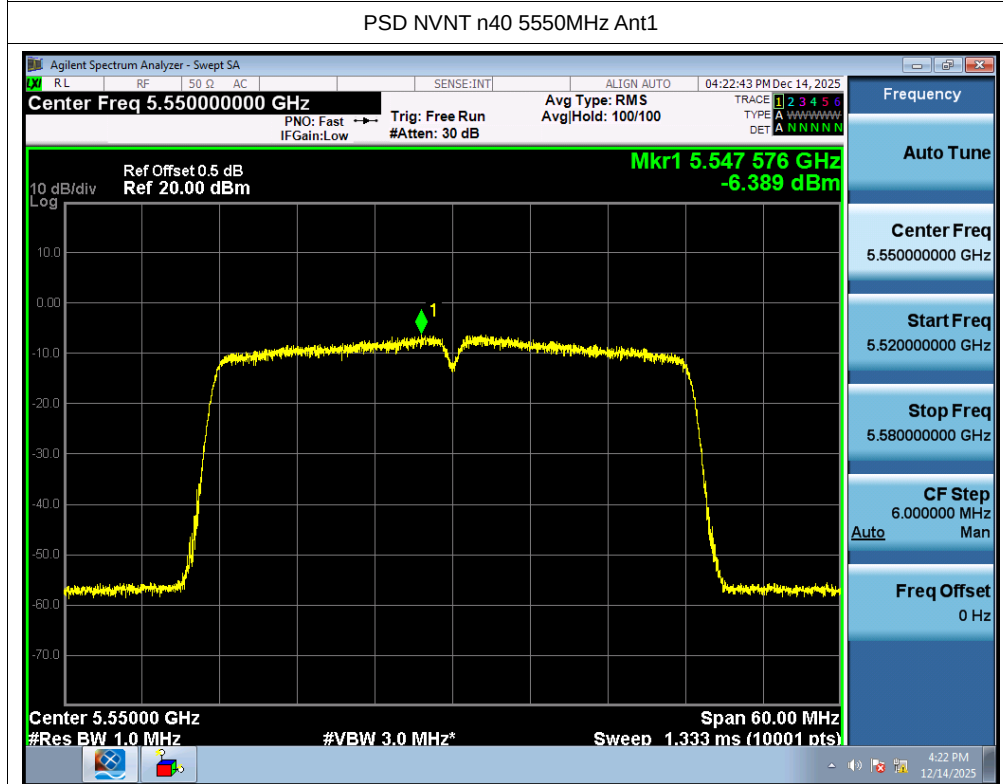
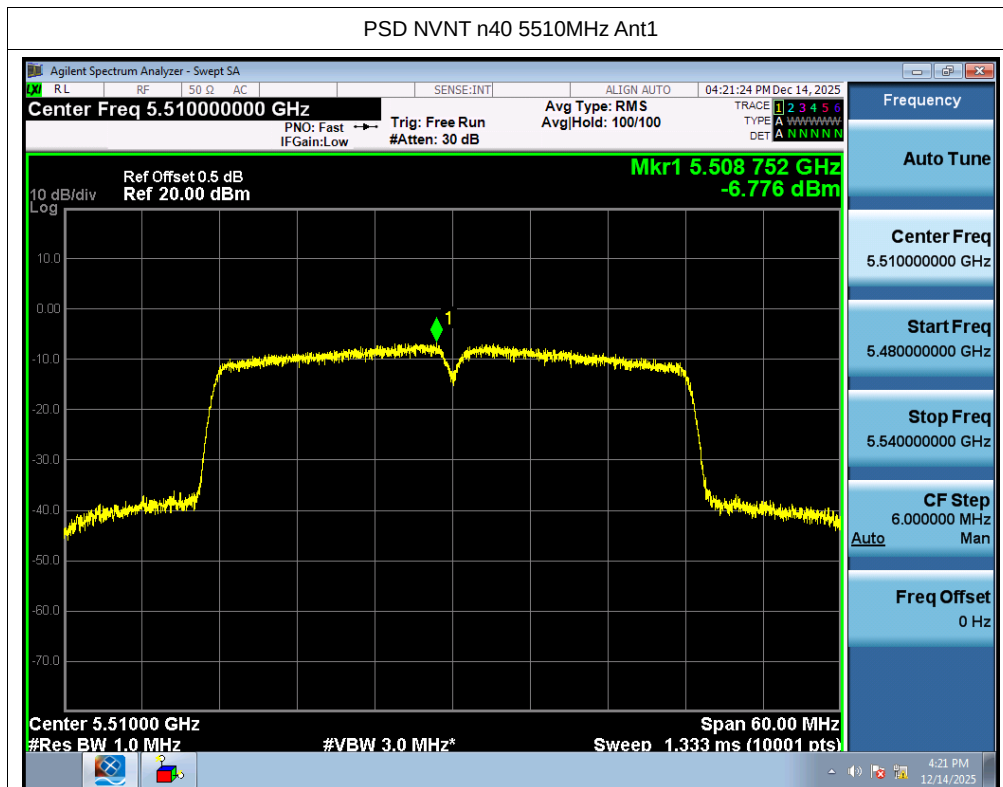
PSD NVNT a 5700MHz Ant1

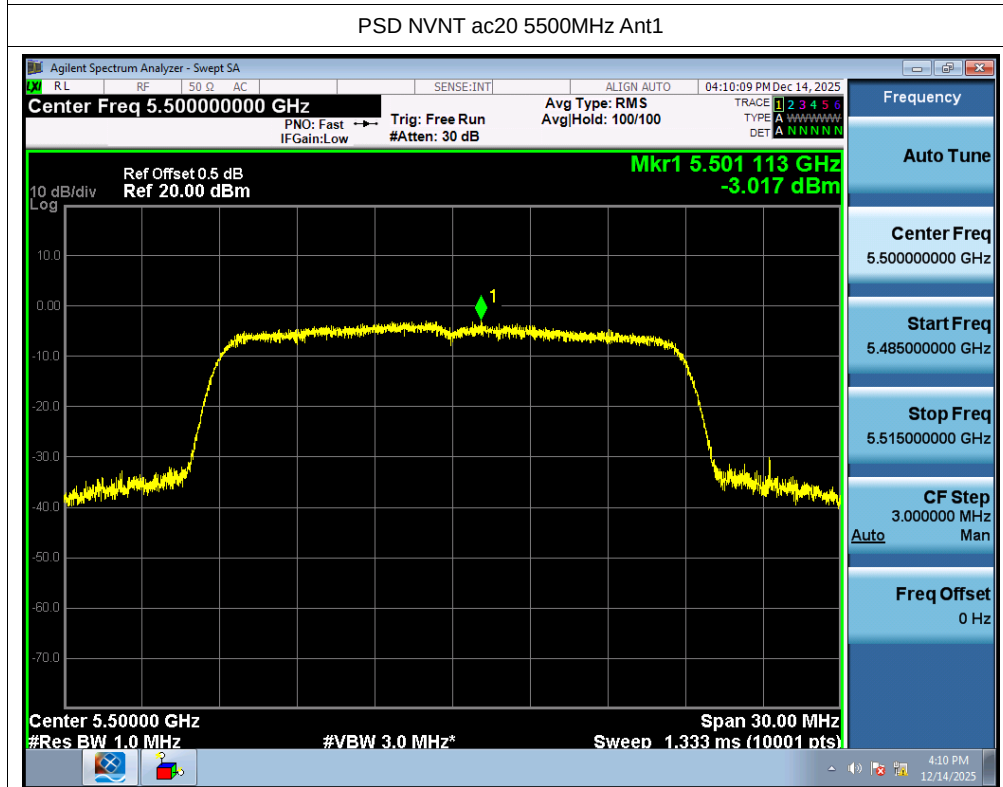
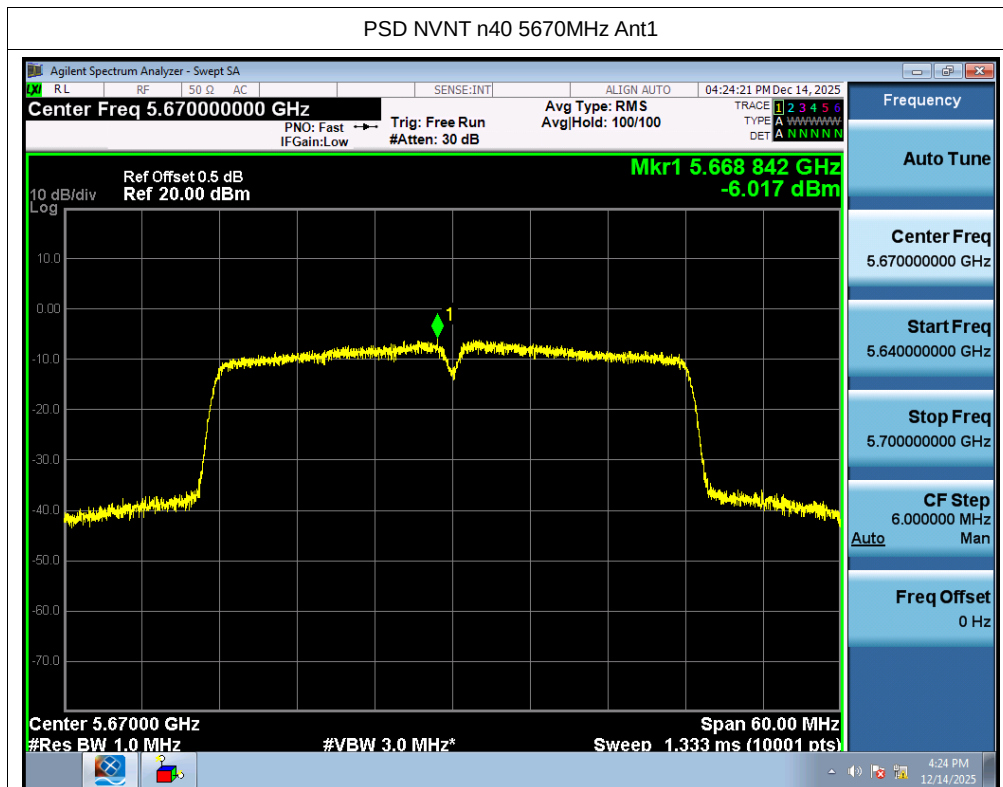


PSD NVNT n20 5500MHz Ant1

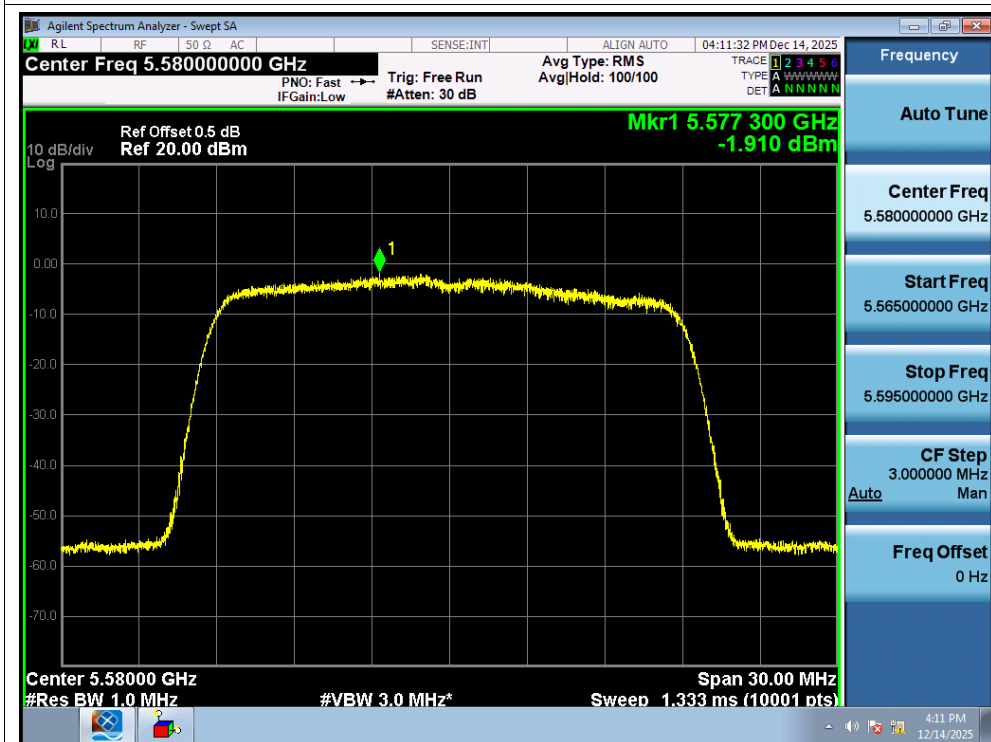




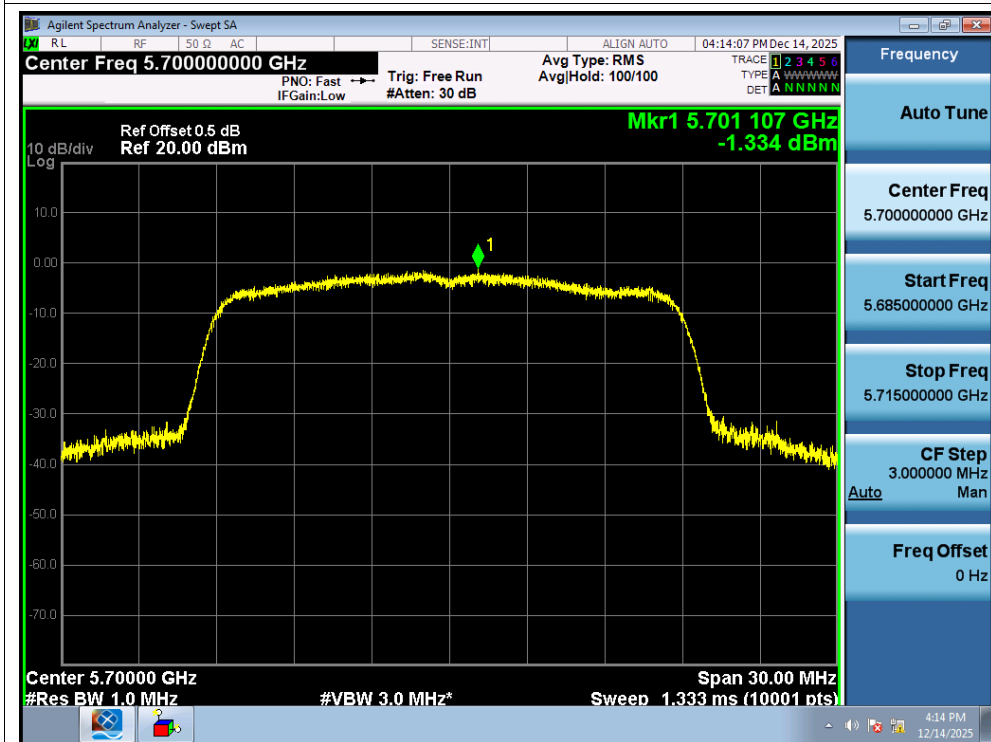




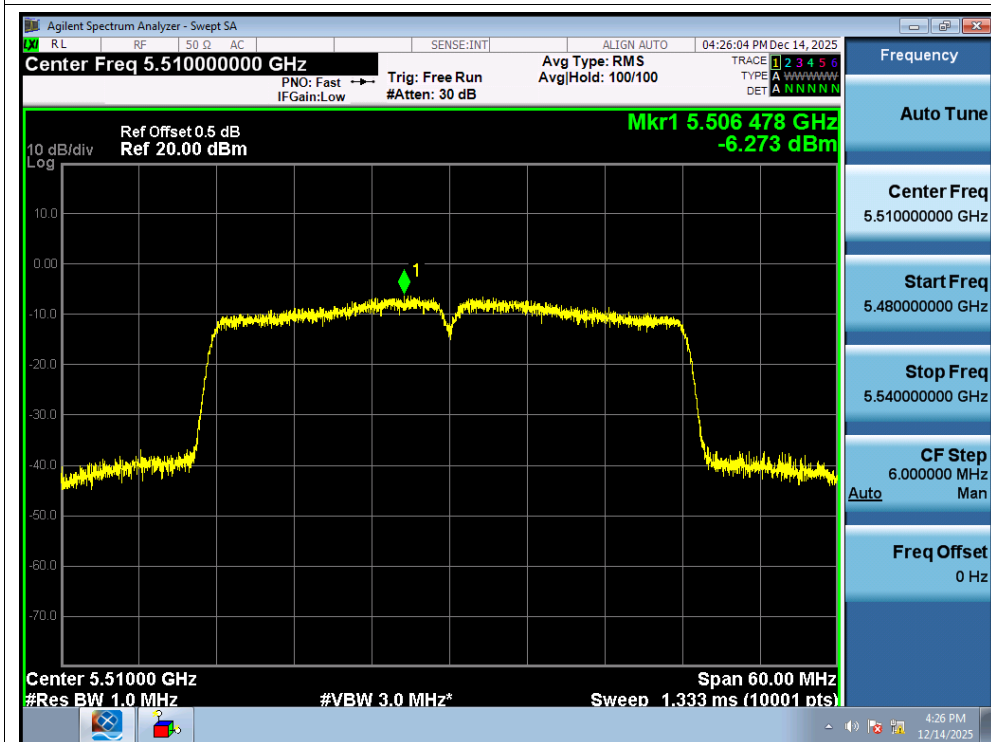
PSD NVNT ac20 5580MHz Ant1



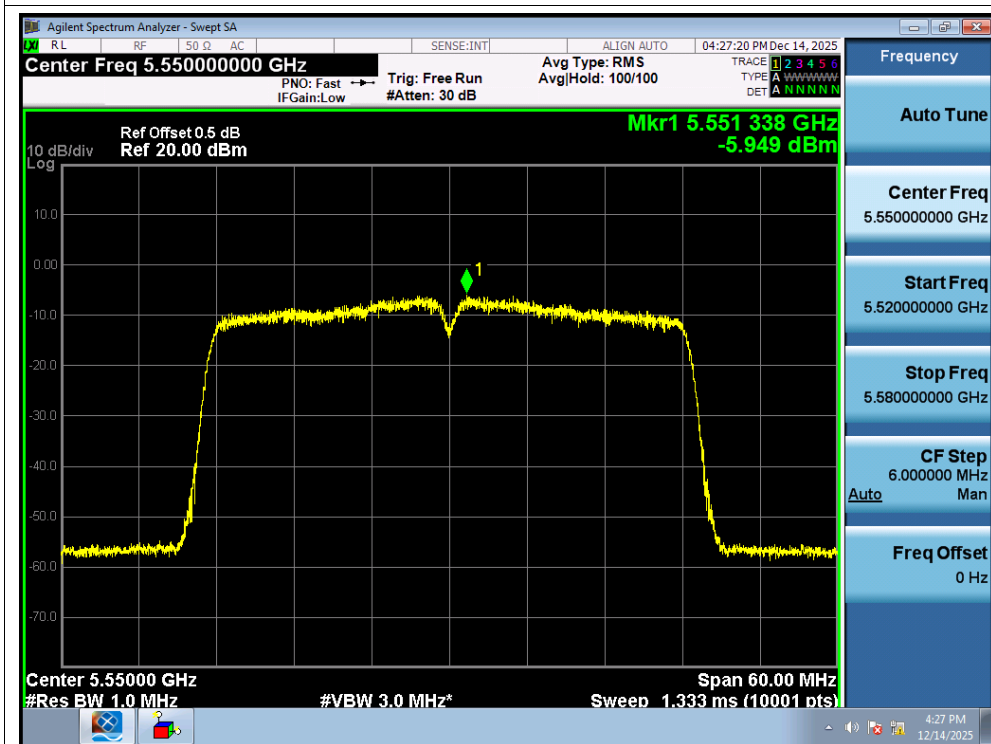
PSD NVNT ac20 5700MHz Ant1



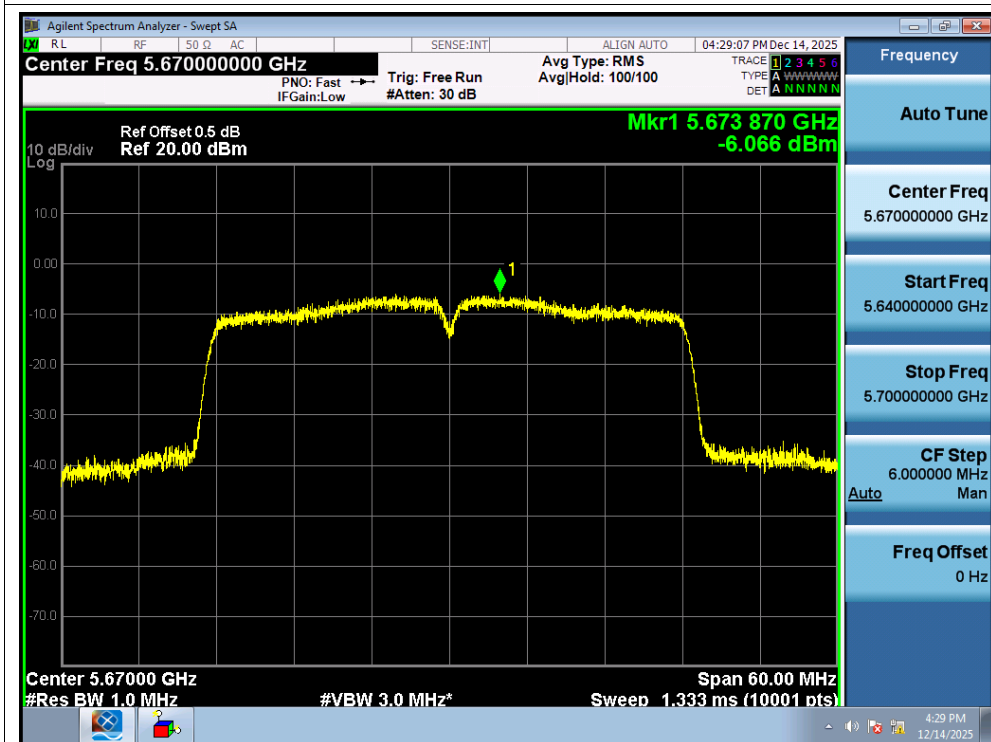
PSD NVNT ac40 5510MHz Ant1



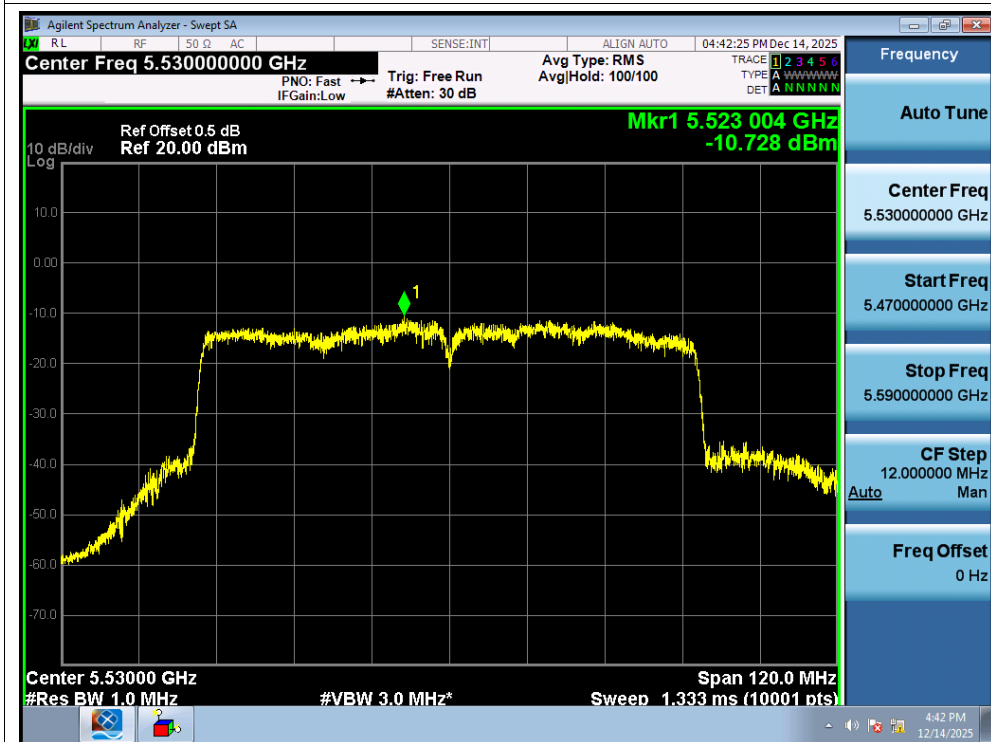
PSD NVNT ac40 5550MHz Ant1



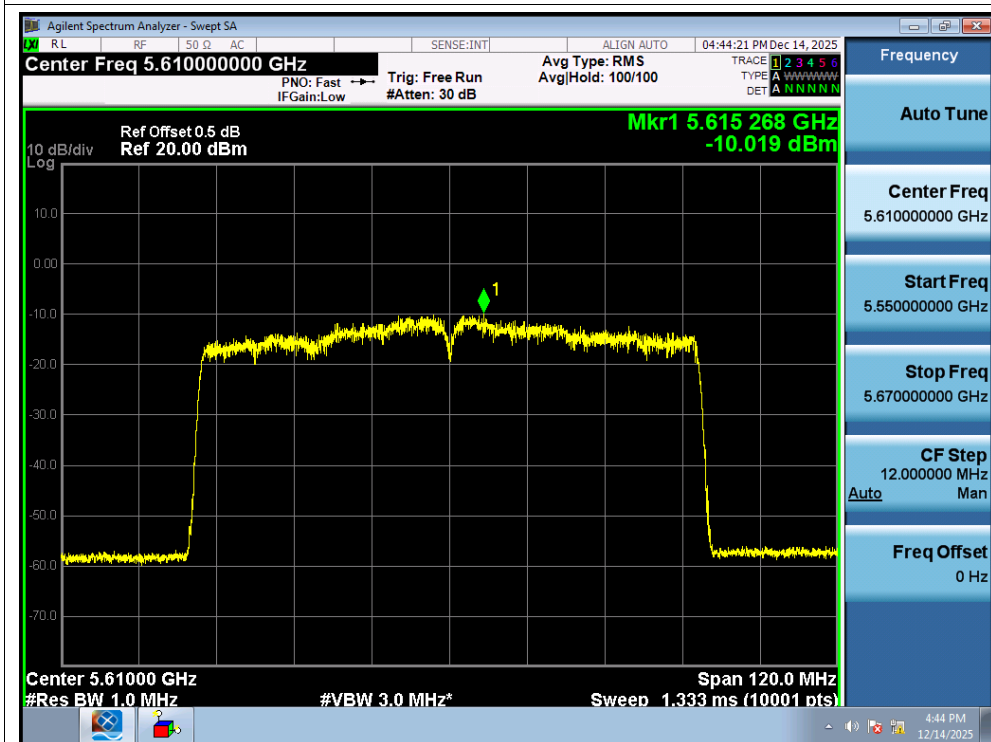
PSD NVNT ac40 5670MHz Ant1



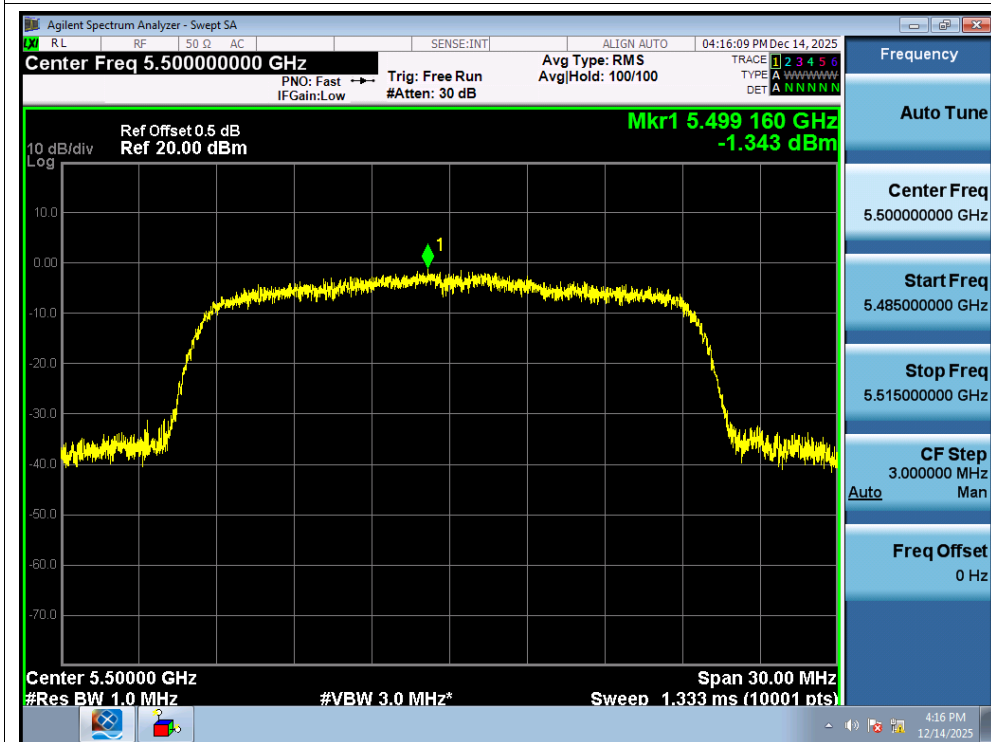
PSD NVNT ac80 5530MHz Ant1



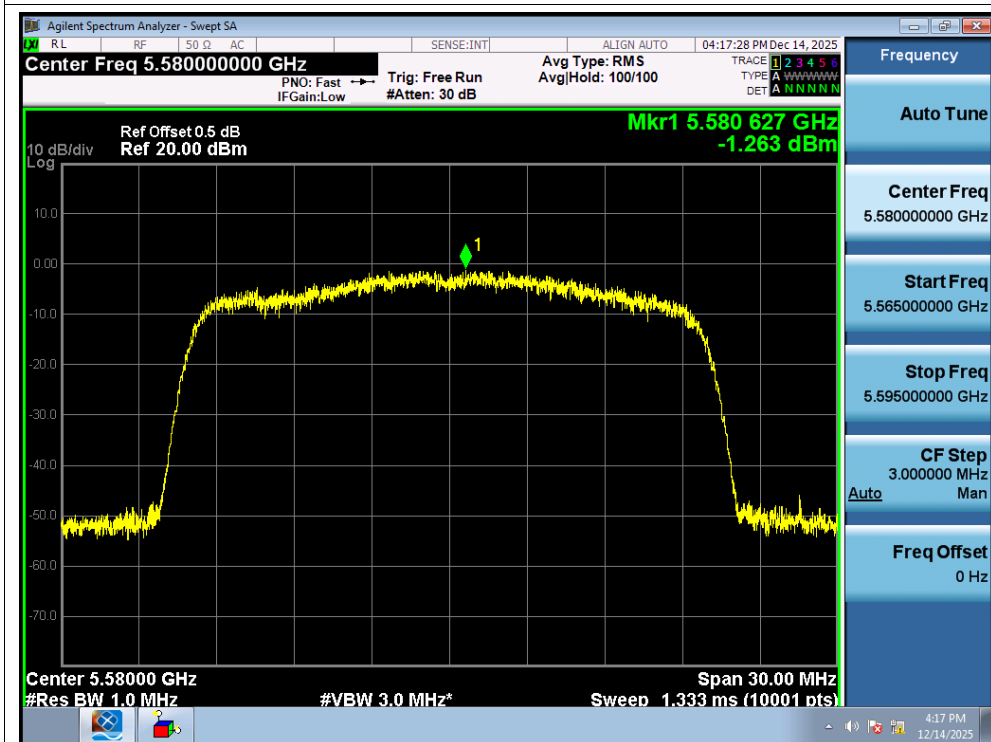
PSD NVNT ac80 5610MHz Ant1



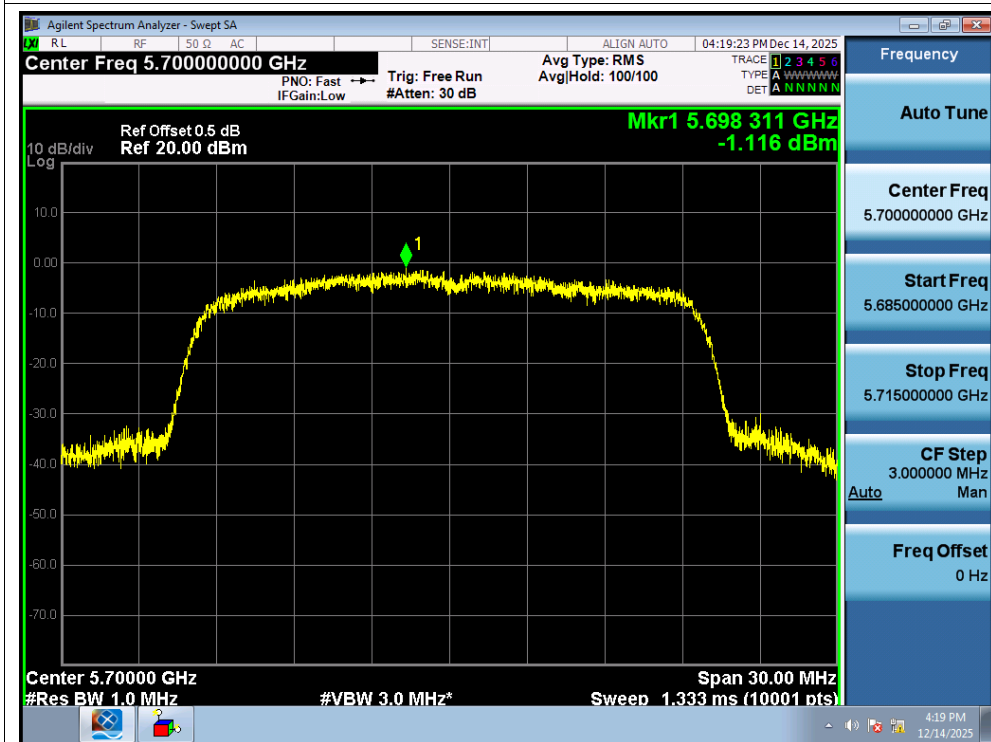
PSD NVNT ax20 5500MHz Ant1



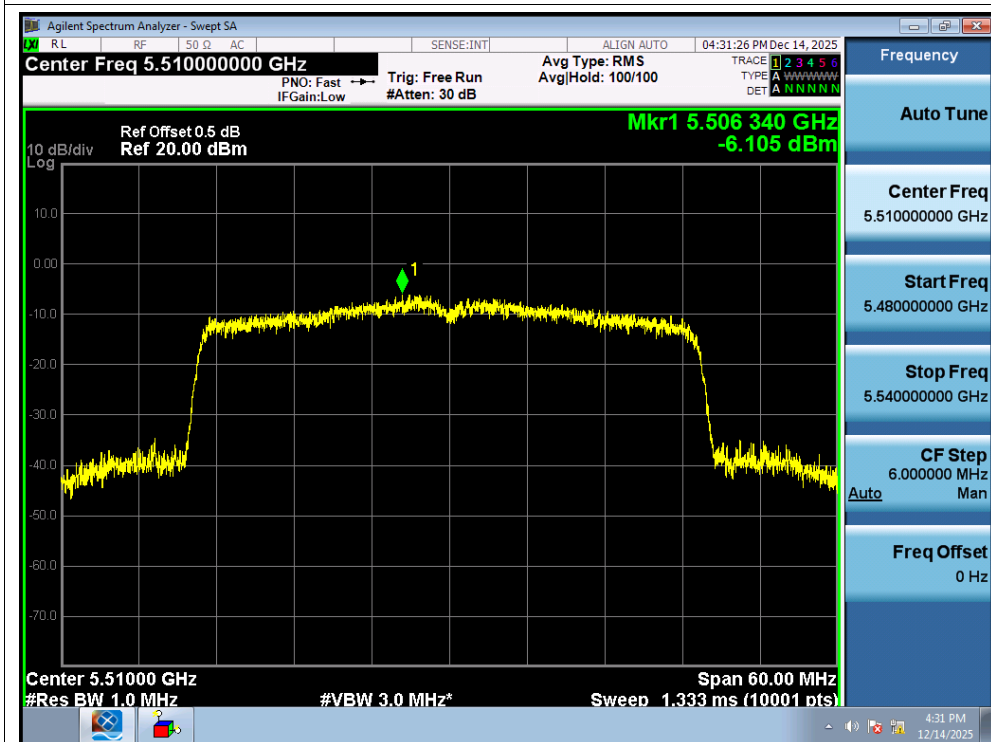
PSD NVNT ax20 5580MHz Ant1



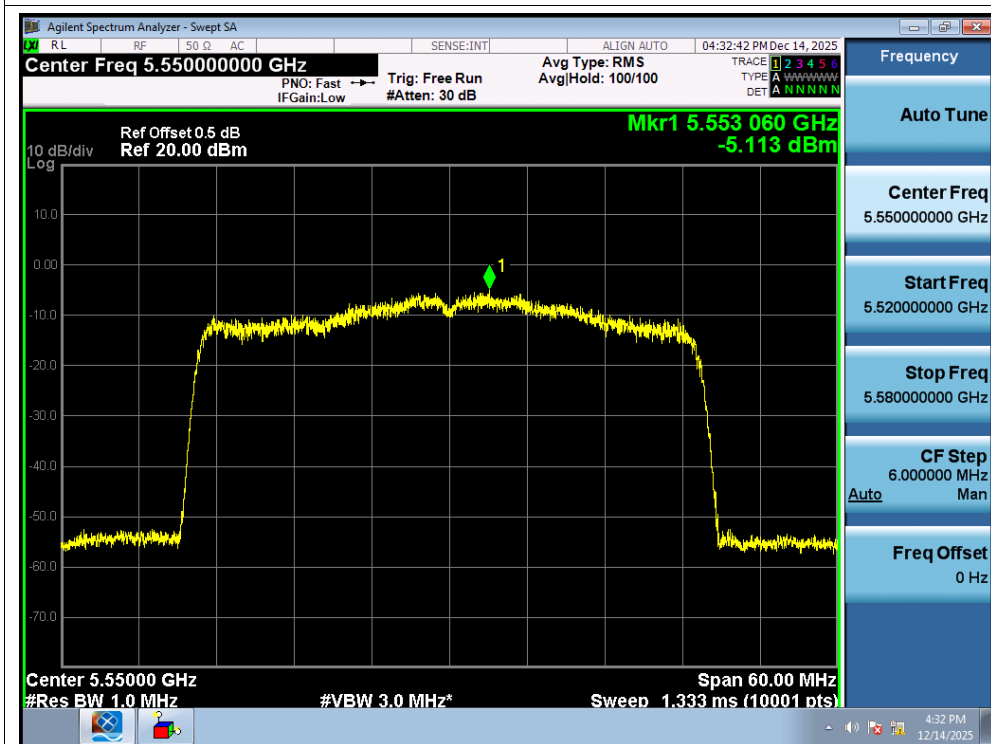
PSD NVNT ax20 5700MHz Ant1



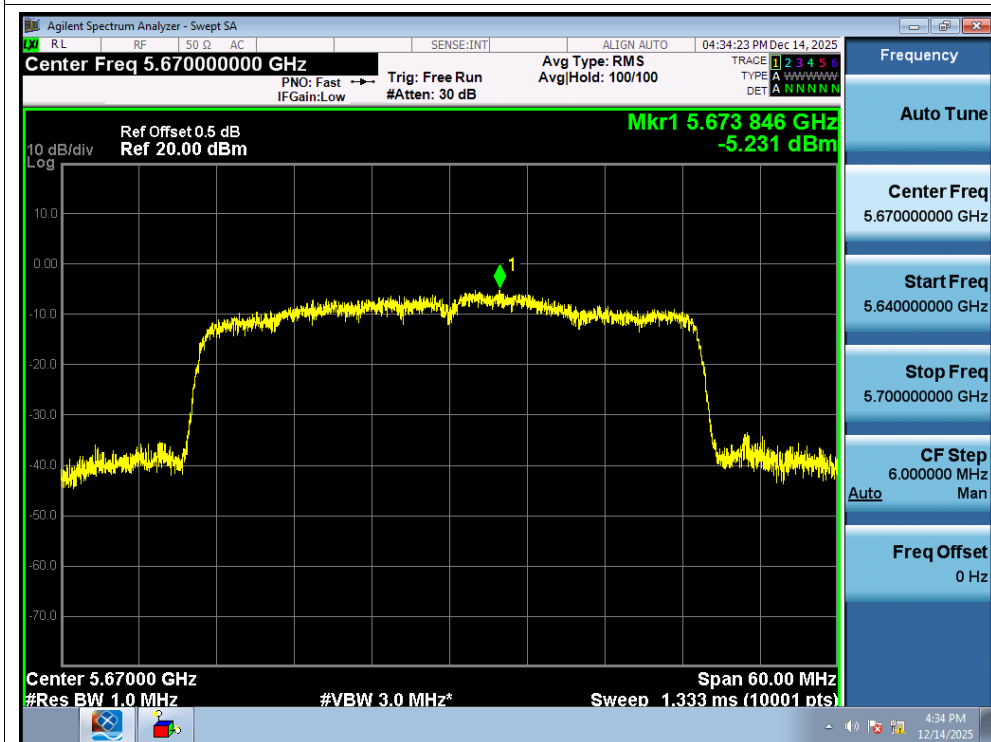
PSD NVNT ax40 5510MHz Ant1



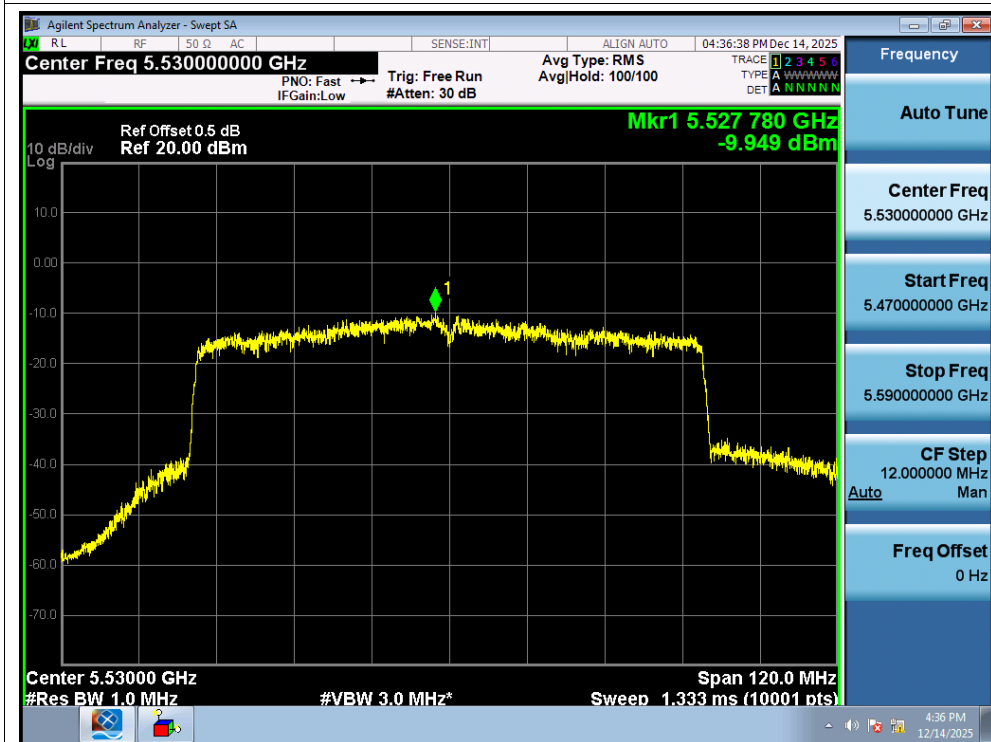
PSD NVNT ax40 5550MHz Ant1

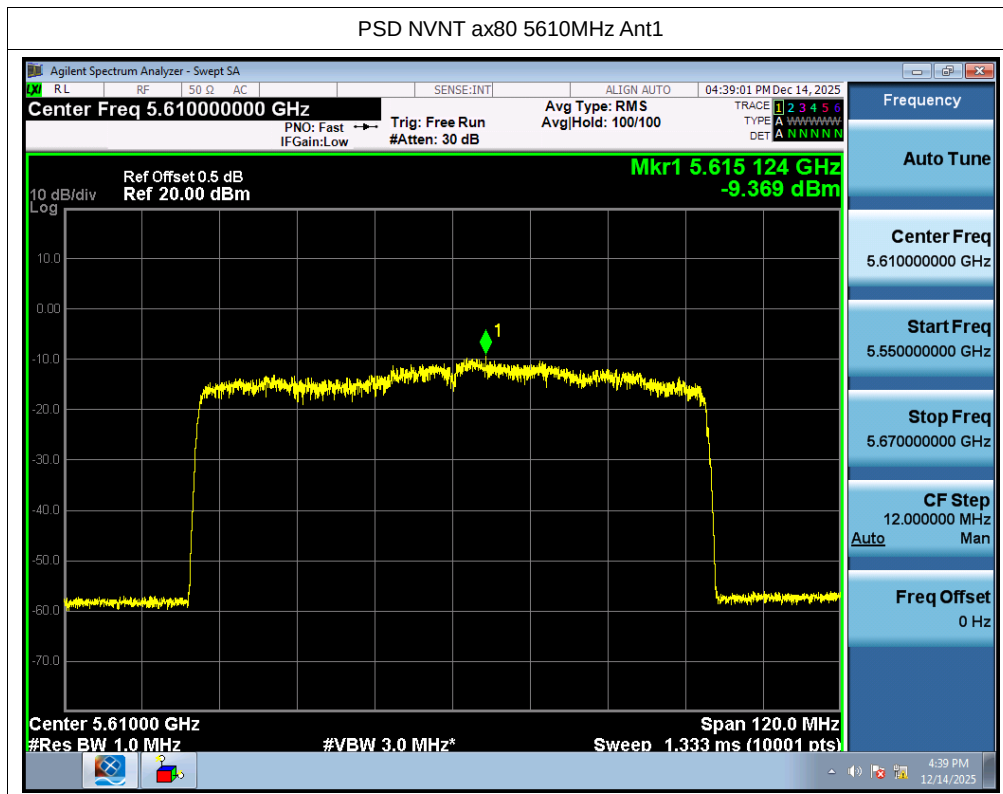


PSD NVNT ax40 5670MHz Ant1



PSD NVNT ax80 5530MHz Ant1



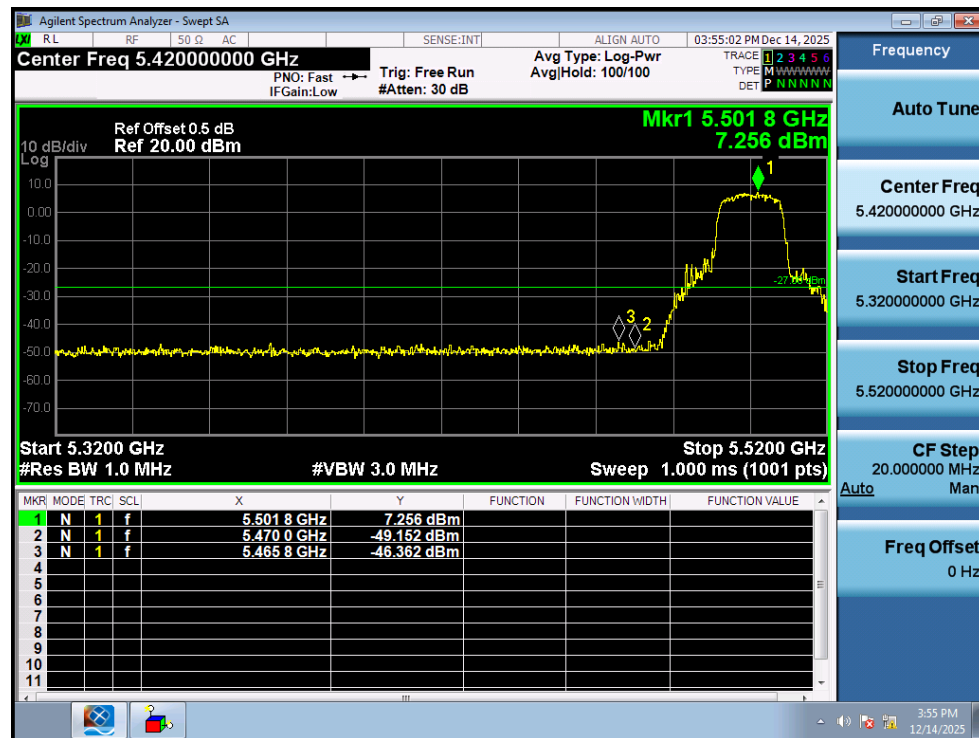


Band Edge

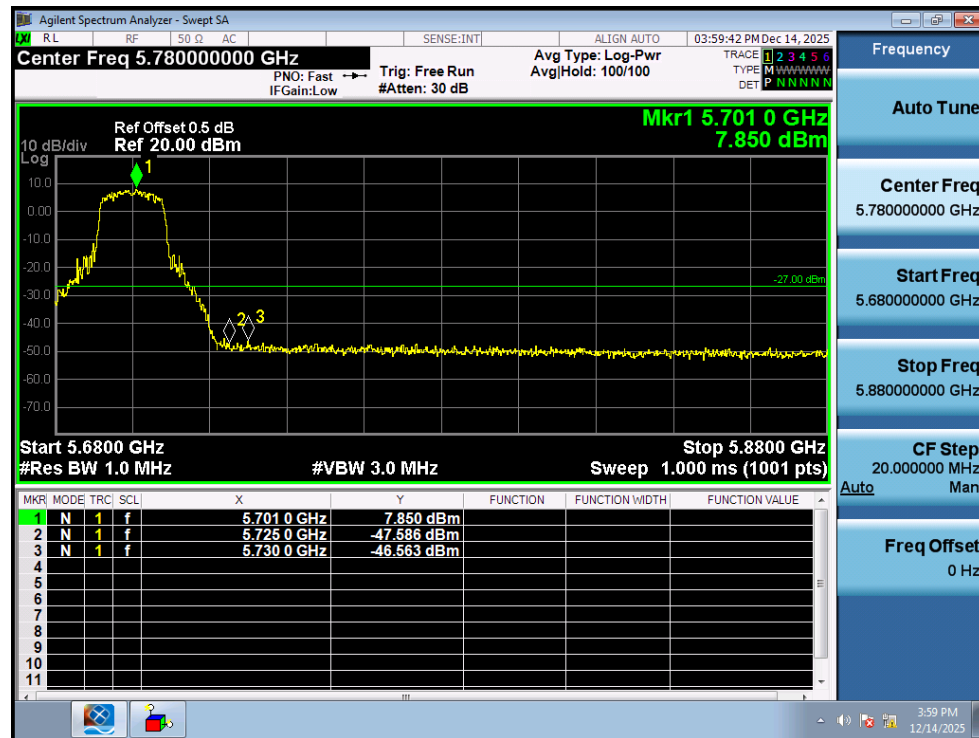
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-46.36	-27	Pass
		5700		-46.56	-27	Pass
	n20	5500		-47.56	-27	Pass
		5700		-46.44	-27	Pass
	n40	5510		-47.97	-27	Pass
		5670		-46.57	-27	Pass
	ac20	5500		-48.32	-27	Pass
		5700		-46.56	-27	Pass
	ac40	5510		-47.23	-27	Pass
		5670		-46.83	-27	Pass
	ac80	5530		-47.94	-27	Pass
				-47.02	-27	Pass
		5610		-48.07	-27	Pass
				-48.71	-27	Pass
	ax20	5500		-46.35	-27	Pass
		5700		-44.08	-27	Pass
	ax40	5510		-46.42	-27	Pass
		5670		-46.79	-27	Pass
	ax80	5530		-47.26	-27	Pass
				-47.11	-27	Pass
		5610		-47.14	-27	Pass
				-48.83	-27	Pass

Test Graphs

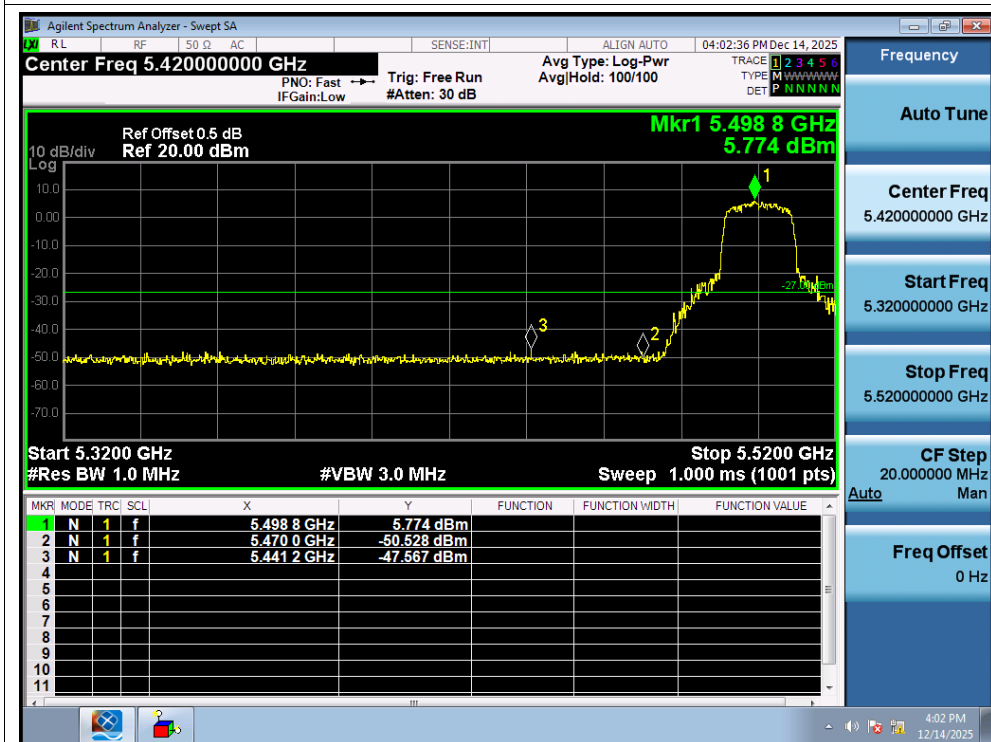
Band Edge NVNT a 5500MHz Low Ant1



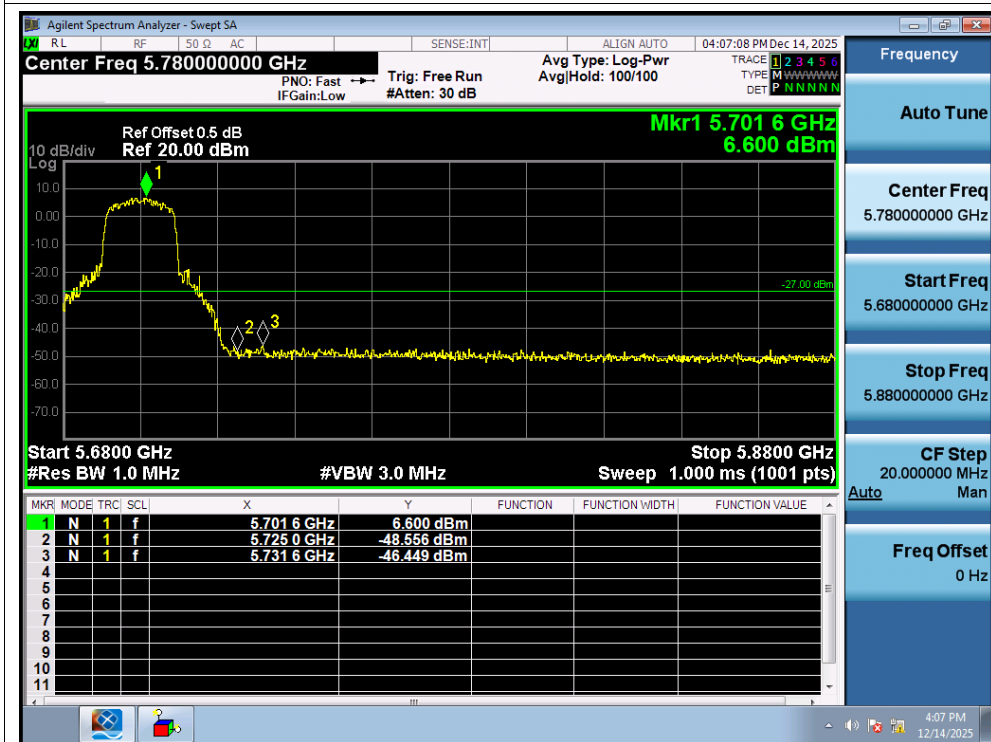
Band Edge NVNT a 5700MHz High Ant1



Band Edge NVNT n20 5500MHz Low Ant1



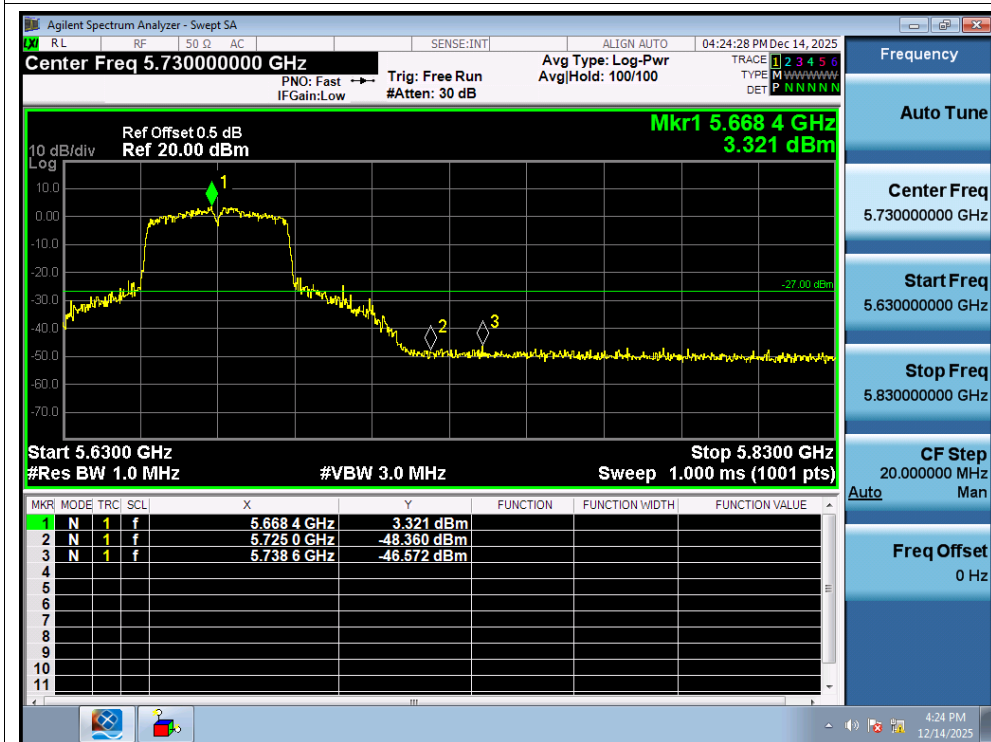
Band Edge NVNT n20 5700MHz High Ant1



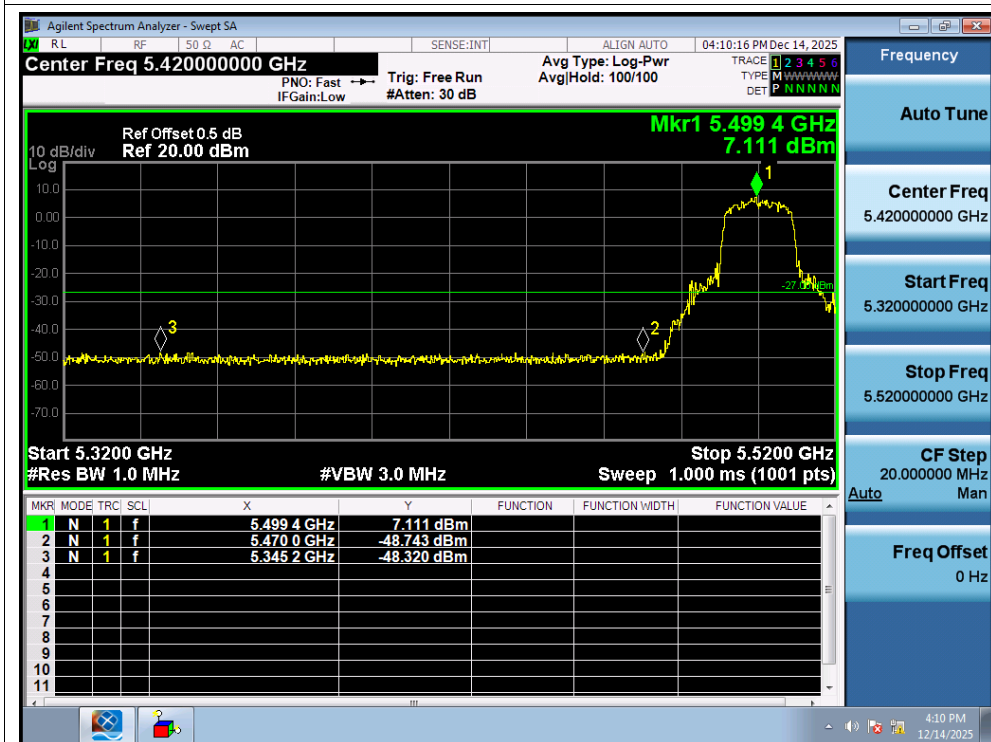
Band Edge NVNT n40 5510MHz Low Ant1



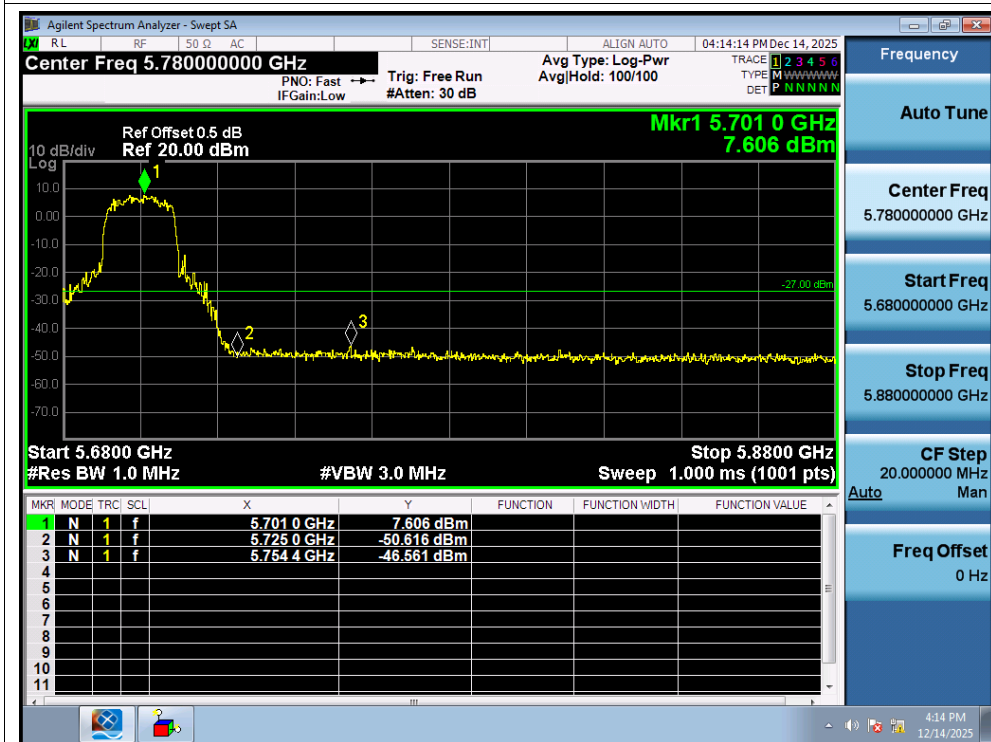
Band Edge NVNT n40 5670MHz High Ant1



Band Edge NVNT ac20 5500MHz Low Ant1



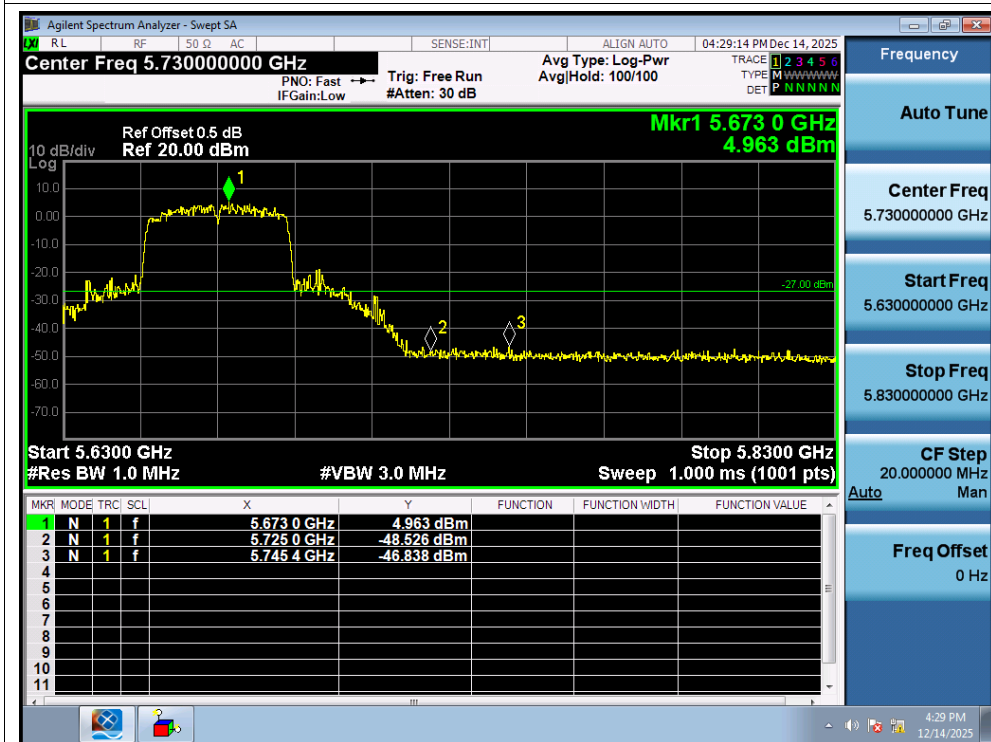
Band Edge NVNT ac20 5700MHz High Ant1



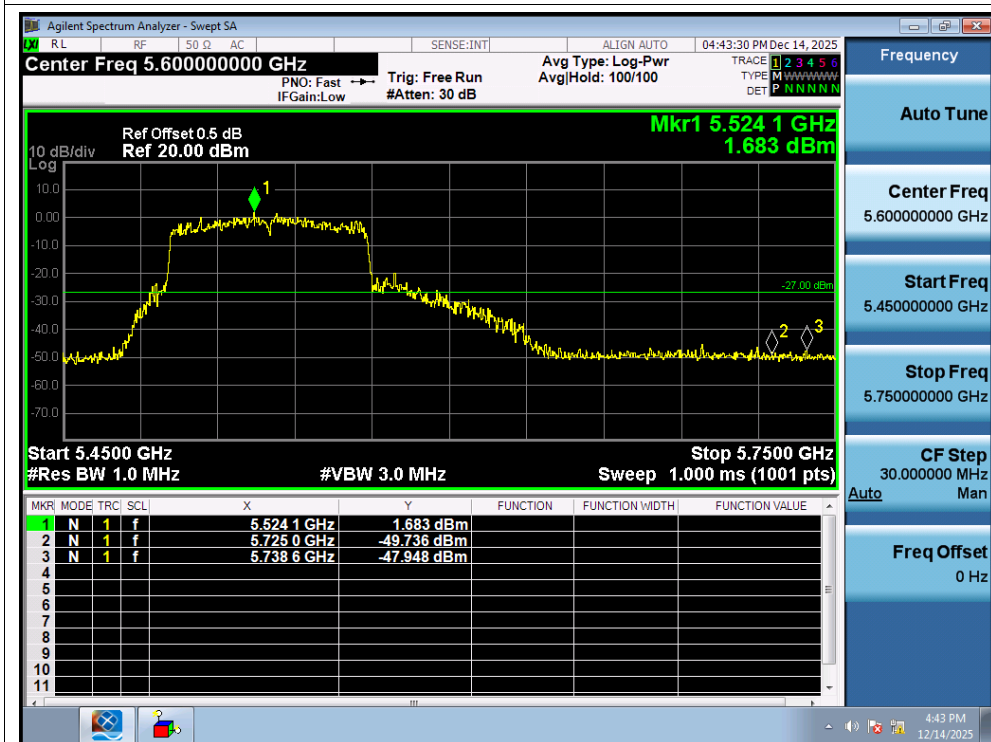
Band Edge NVNT ac40 5510MHz Low Ant1



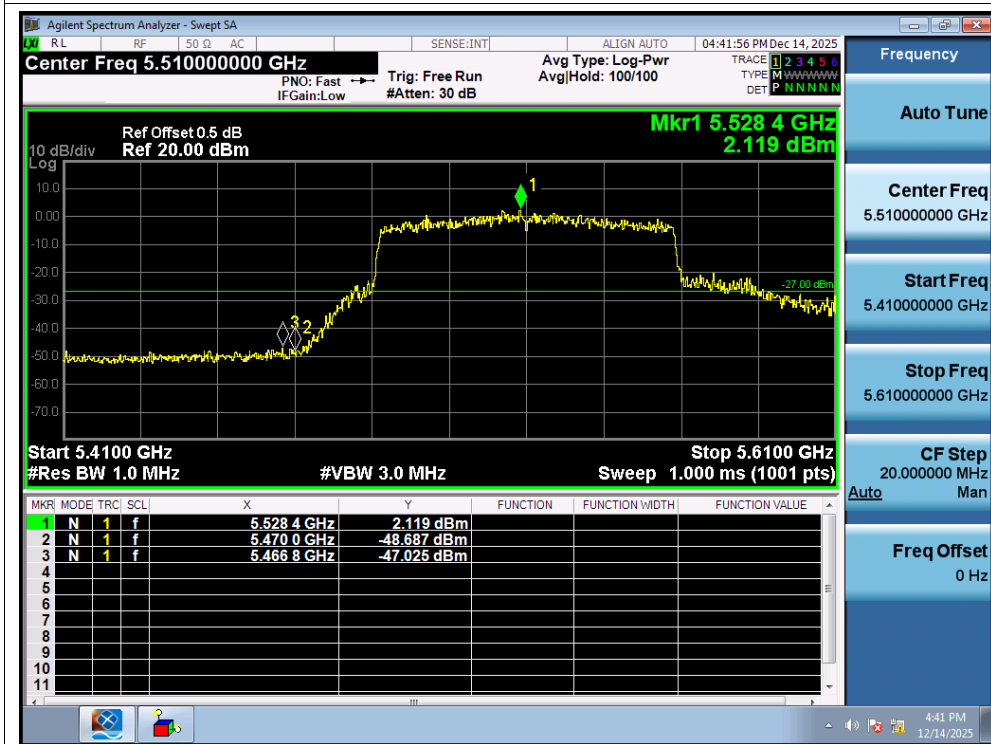
Band Edge NVNT ac40 5670MHz High Ant1



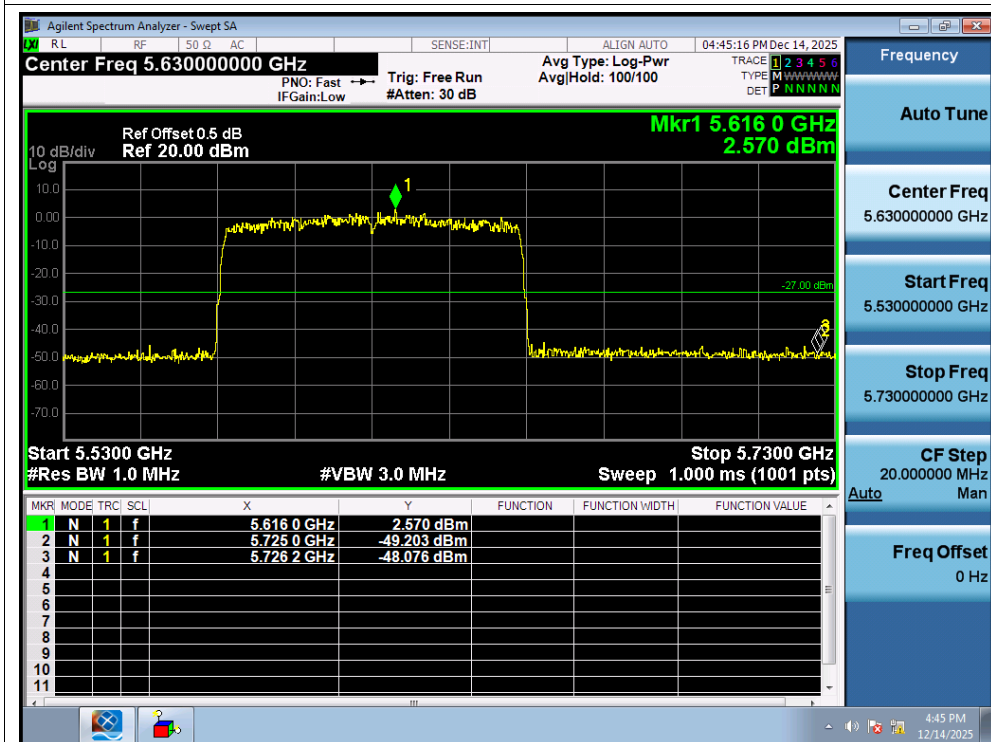
Band Edge NVNT ac80 5530MHz High Ant1



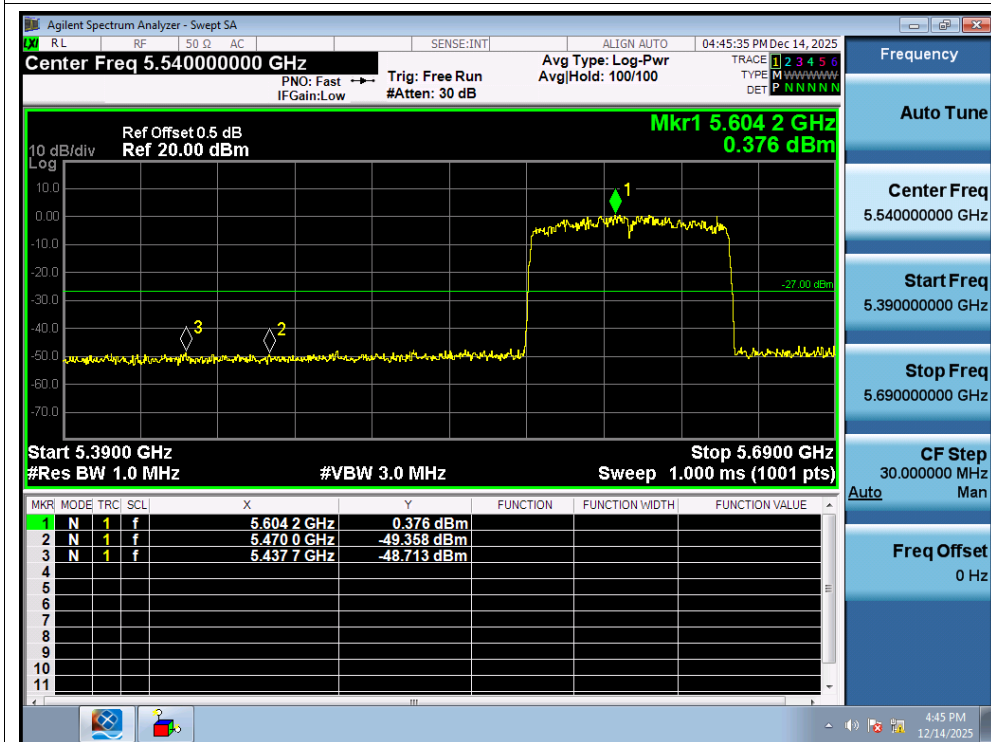
Band Edge NVNT ac80 5530MHz Low Ant1



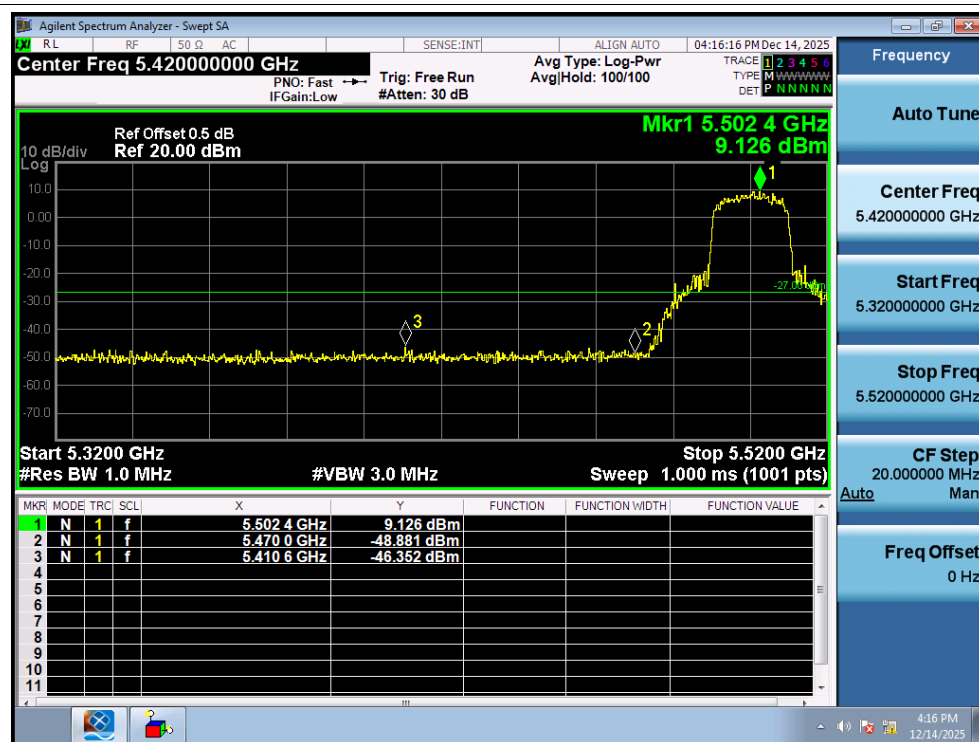
Band Edge NVNT ac80 5610MHz High Ant1



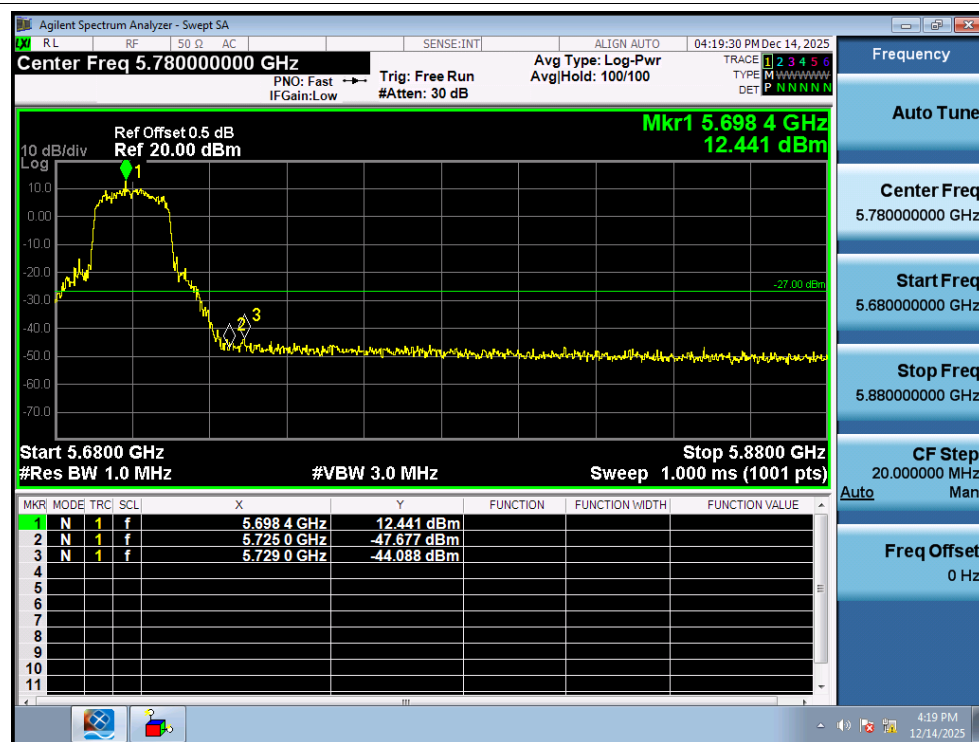
Band Edge NVNT ac80 5610MHz Low Ant1



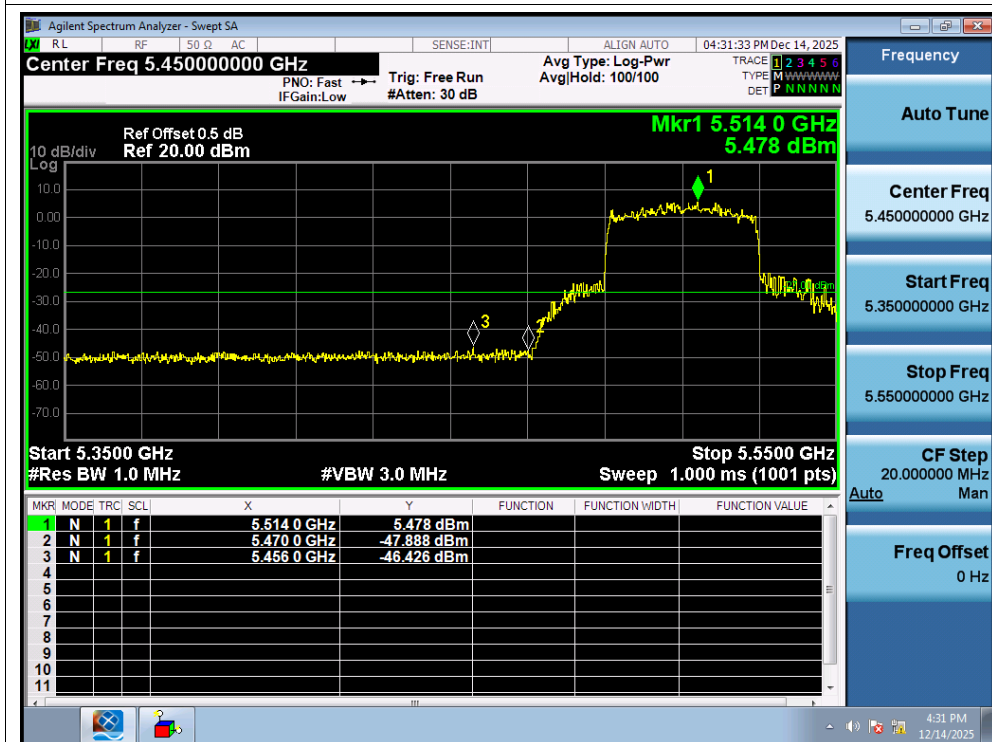
Band Edge NVNT ax20 5500MHz Low Ant1



Band Edge NVNT ax20 5700MHz High Ant1



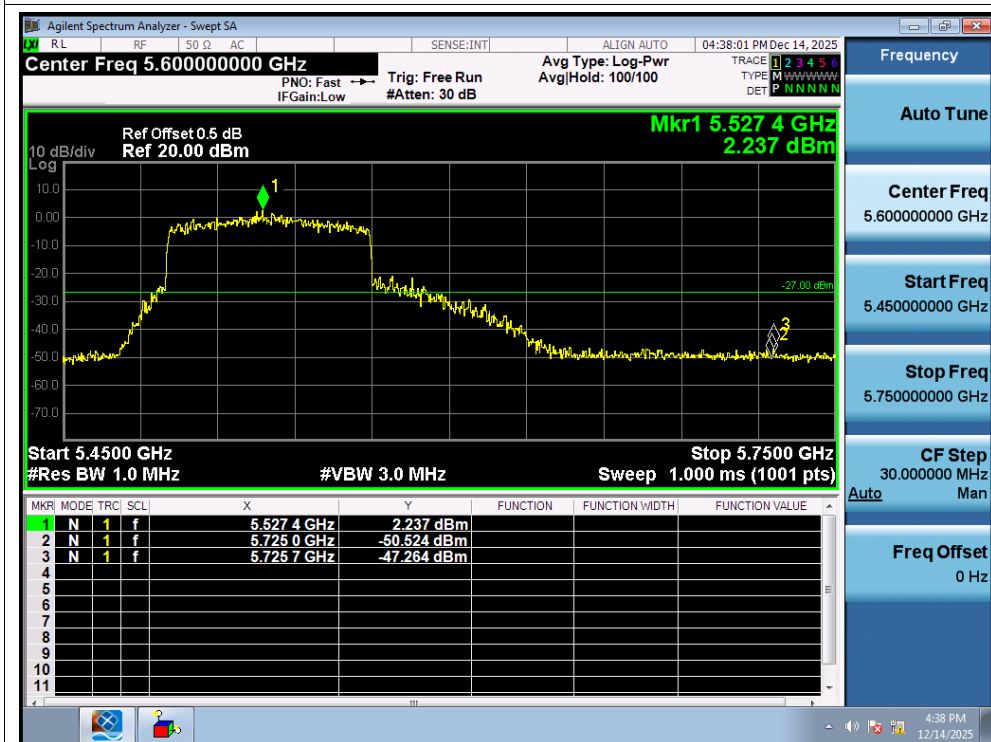
Band Edge NVNT ax40 5510MHz Low Ant1



Band Edge NVNT ax40 5670MHz High Ant1



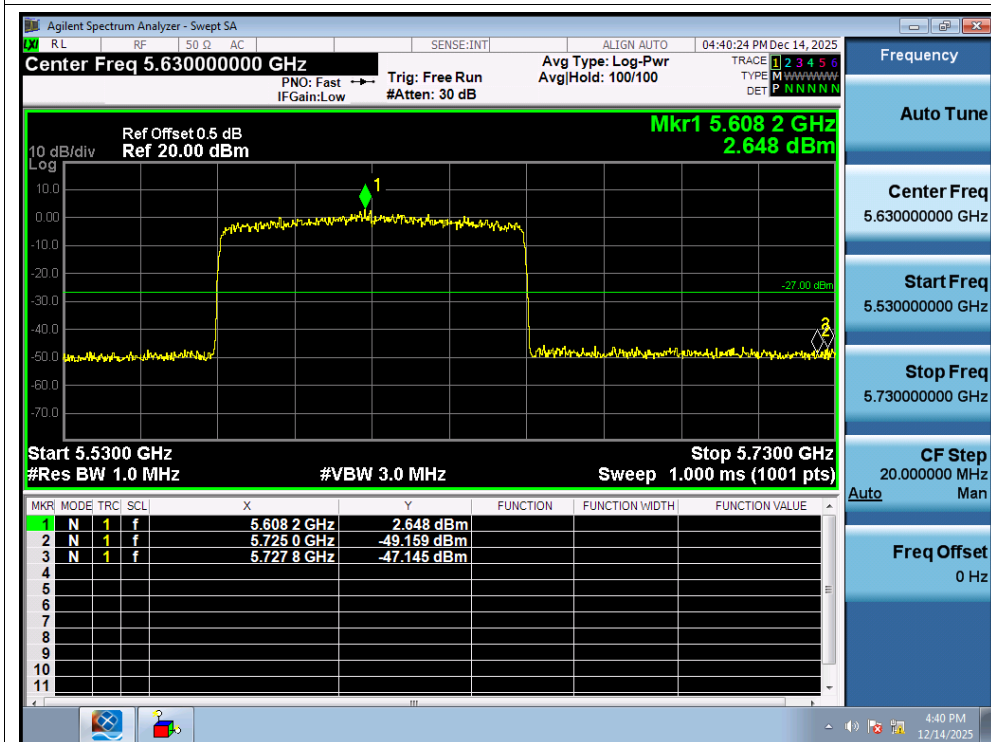
Band Edge NVNT ax80 5530MHz High Ant1



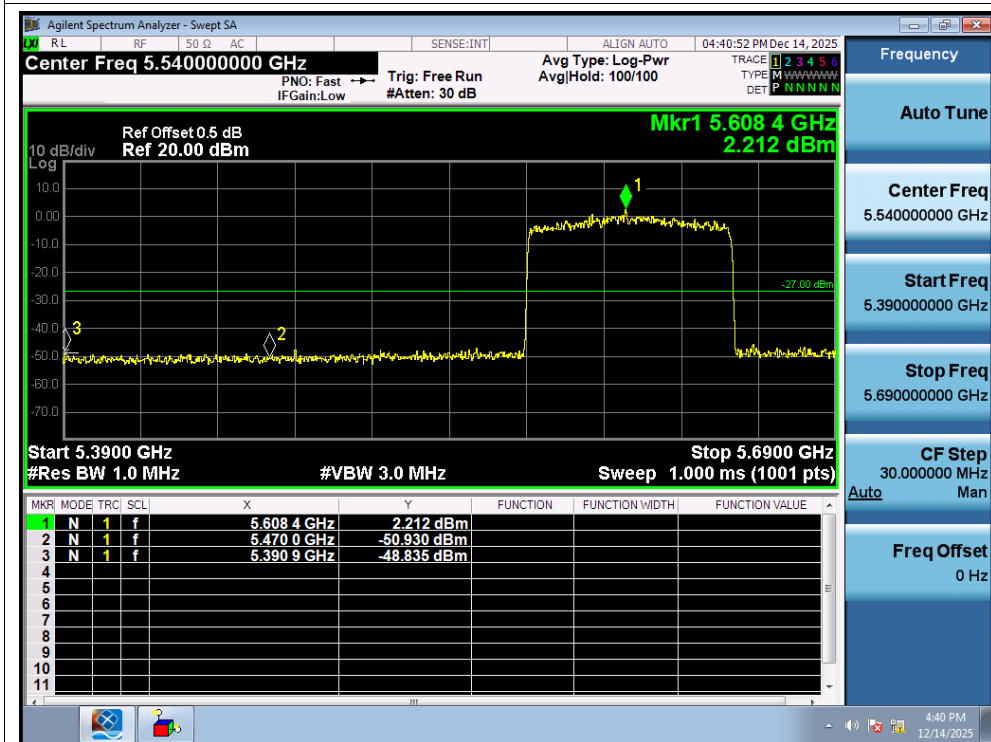
Band Edge NVNT ax80 5530MHz Low Ant1



Band Edge NVNT ax80 5610MHz High Ant1



Band Edge NVNT ax80 5610MHz Low Ant1

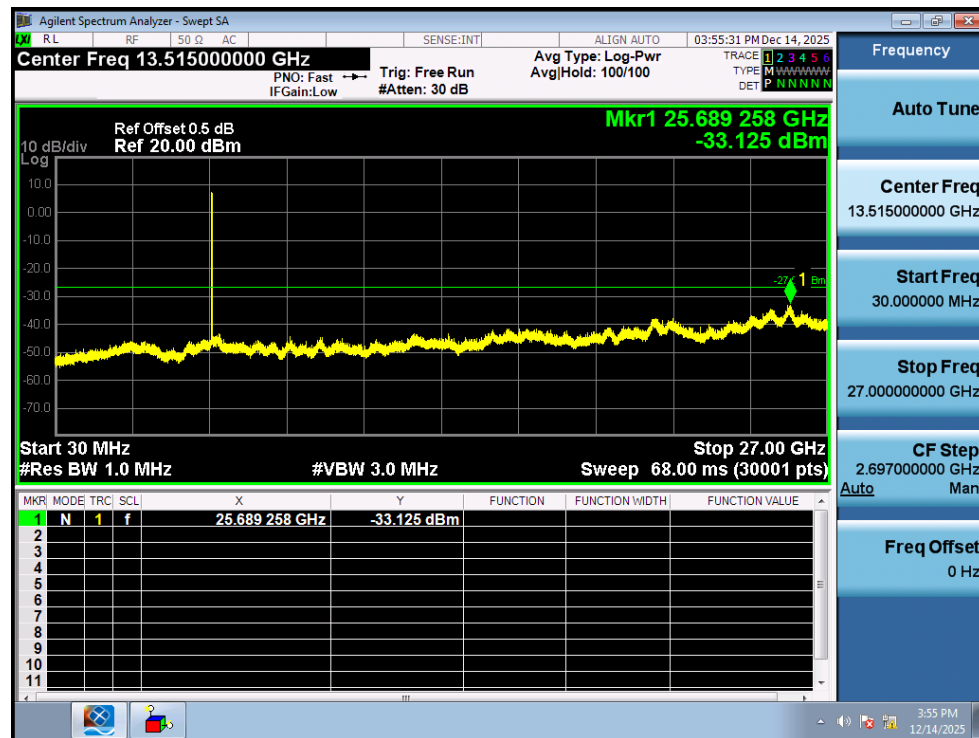


Conducted RF Spurious Emission

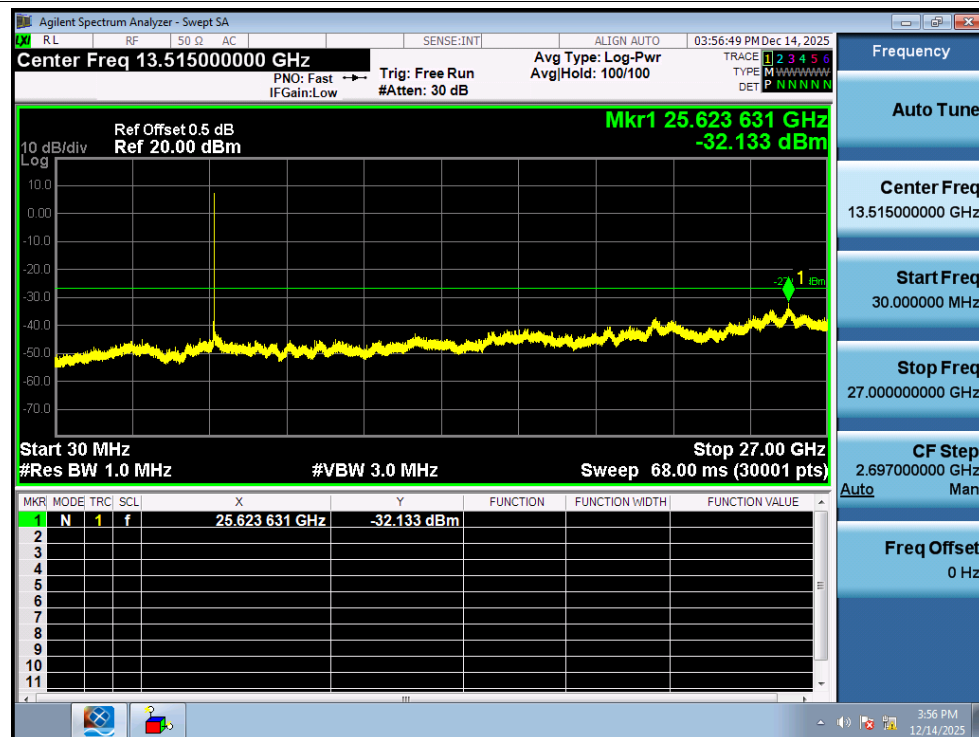
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-33.12	-27	Pass
		5580		-32.13	-27	Pass
		5700		-33.77	-27	Pass
	n20	5500		-32.73	-27	Pass
		5580		-33.93	-27	Pass
		5700		-32.08	-27	Pass
	n40	5510		-33.23	-27	Pass
		5550		-32.69	-27	Pass
		5670		-32.5	-27	Pass
	ac20	5500		-31.51	-27	Pass
		5580		-33.44	-27	Pass
		5700		-33.41	-27	Pass
	ac40	5510		-33.52	-27	Pass
		5550		-33.59	-27	Pass
		5670		-33.56	-27	Pass
	ac80	5530		-33.22	-27	Pass
		5610		-33.09	-27	Pass
	ax20	5500		-33.77	-27	Pass
		5580		-31.92	-27	Pass
		5700		-33.44	-27	Pass
	ax40	5510		-32.41	-27	Pass
		5550		-33.12	-27	Pass
		5670		-33.35	-27	Pass
	ax80	5530		-33.63	-27	Pass
		5610		-34.01	-27	Pass

Test Graphs

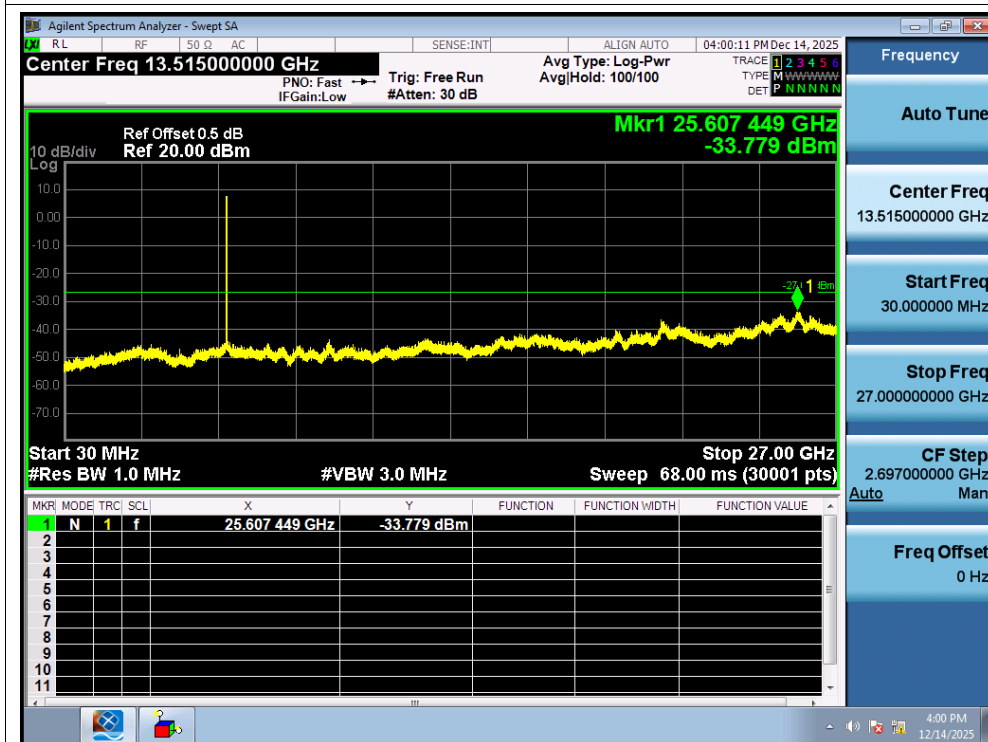
Tx. Spurious NVNT a 5500MHz Ant1 Emission



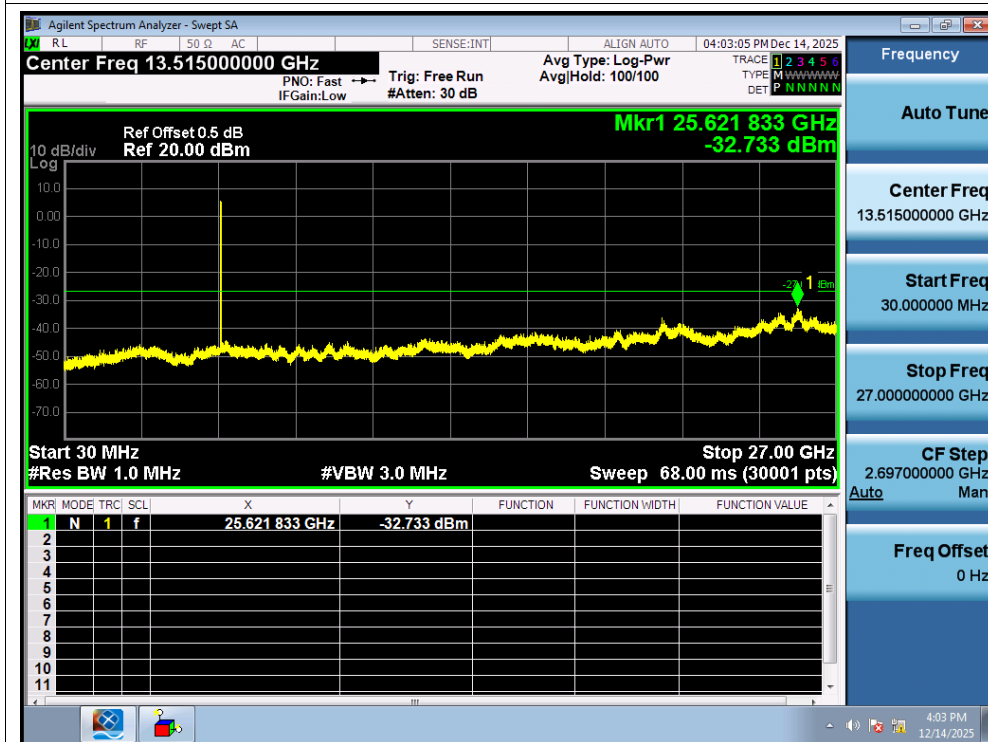
Tx. Spurious NVNT a 5580MHz Ant1 Emission



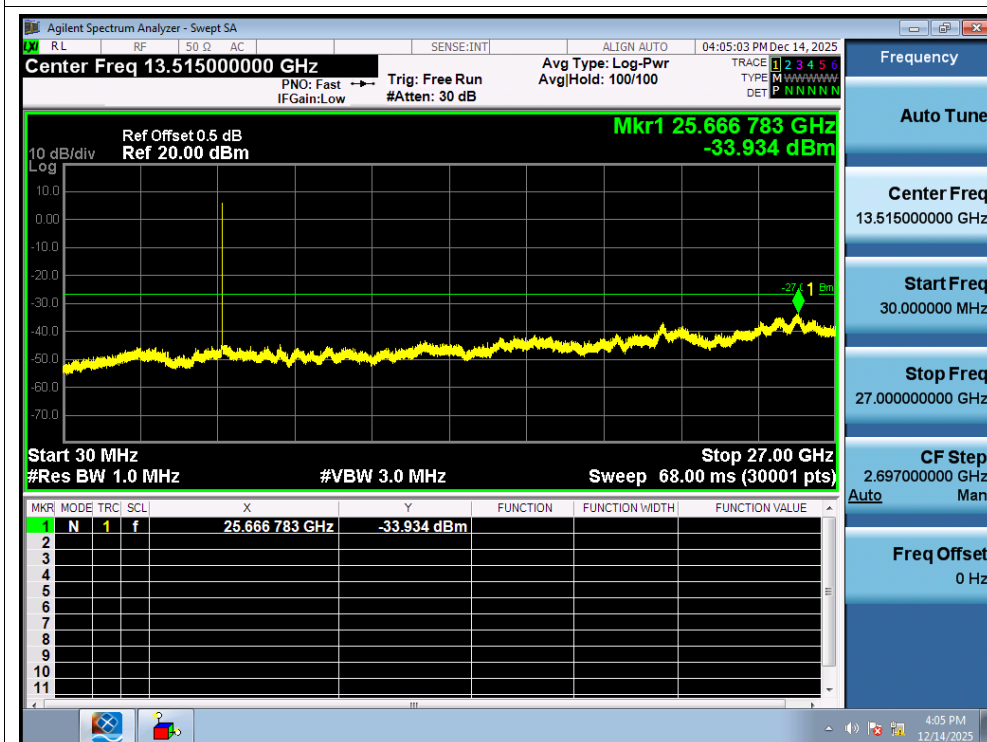
Tx. Spurious NVNT a 5700MHz Ant1 Emission



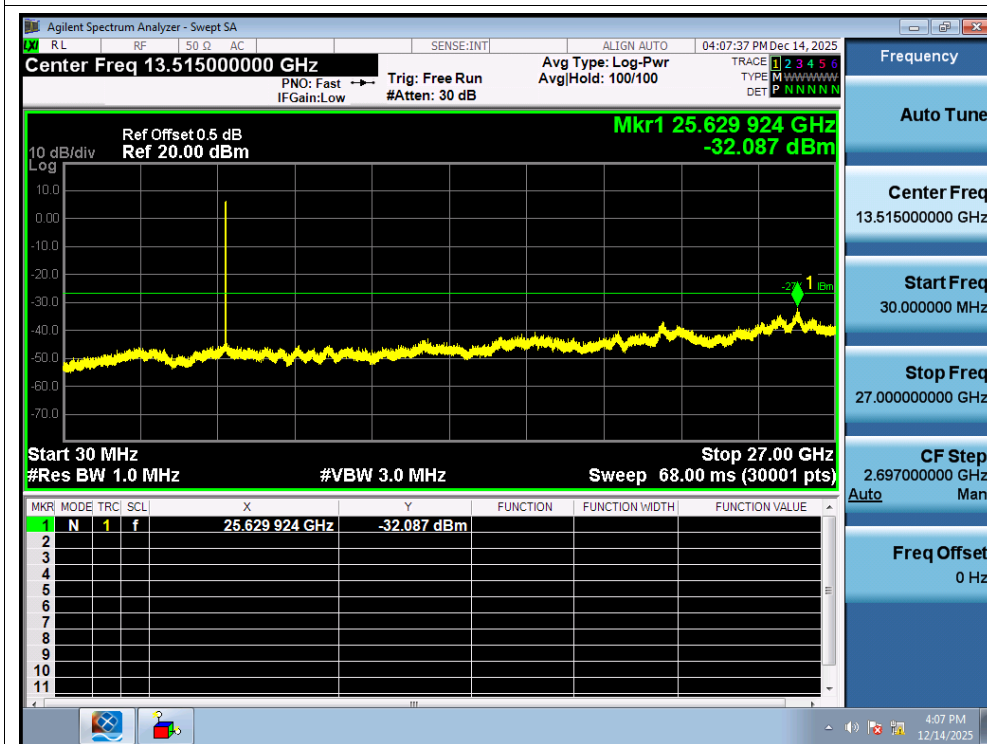
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



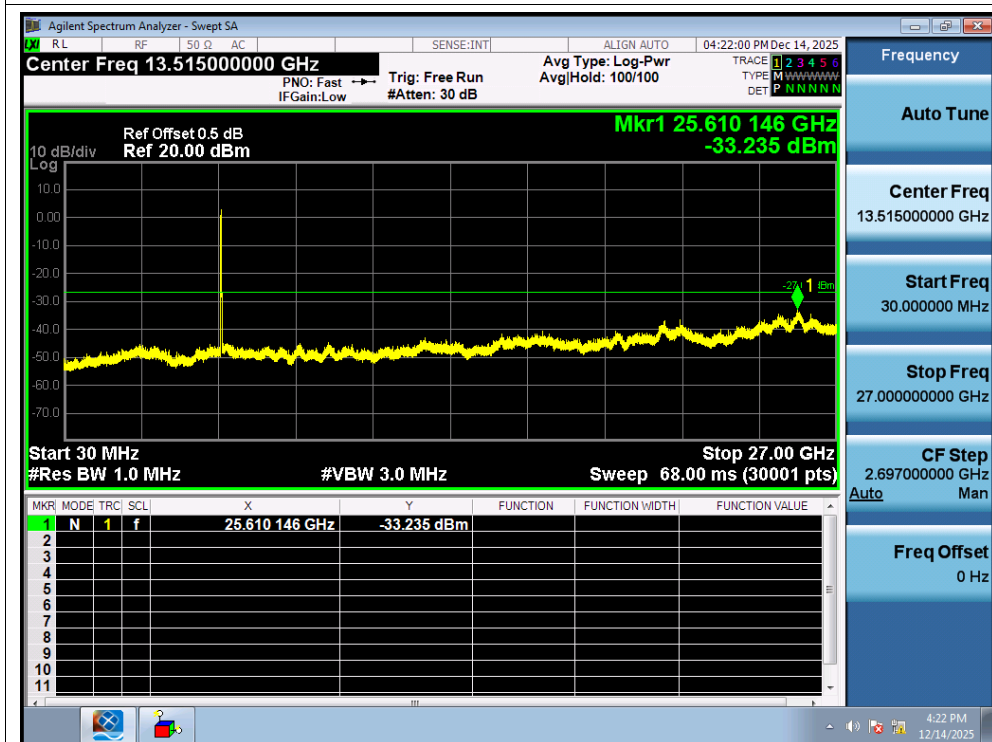
Tx. Spurious NVNT n20 5580MHz Ant1 Emission



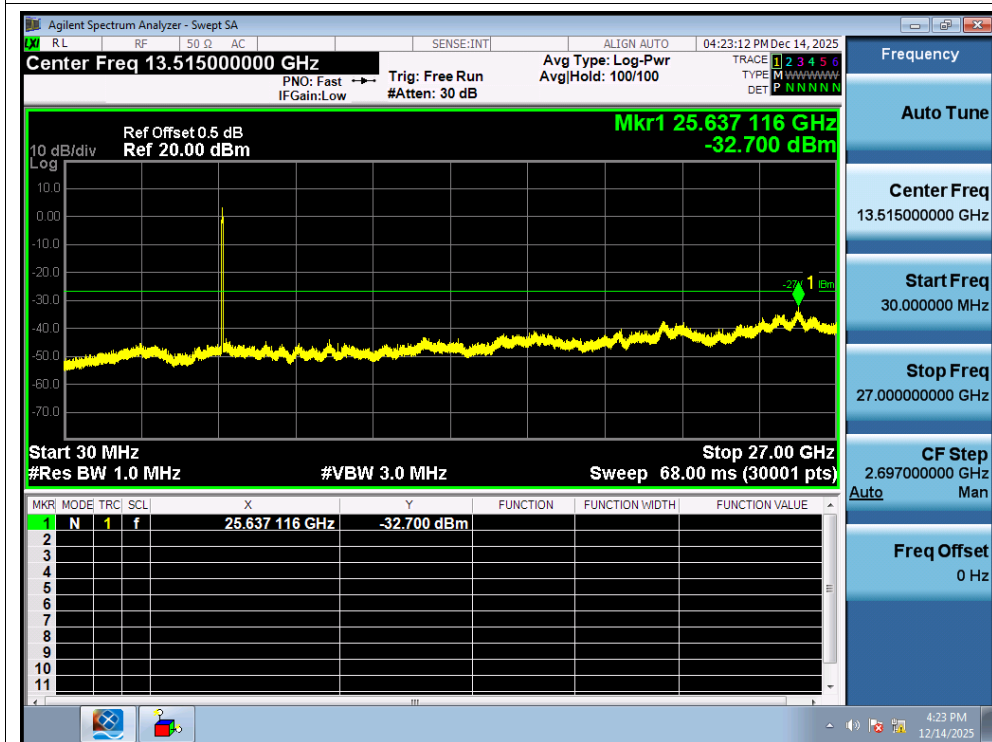
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



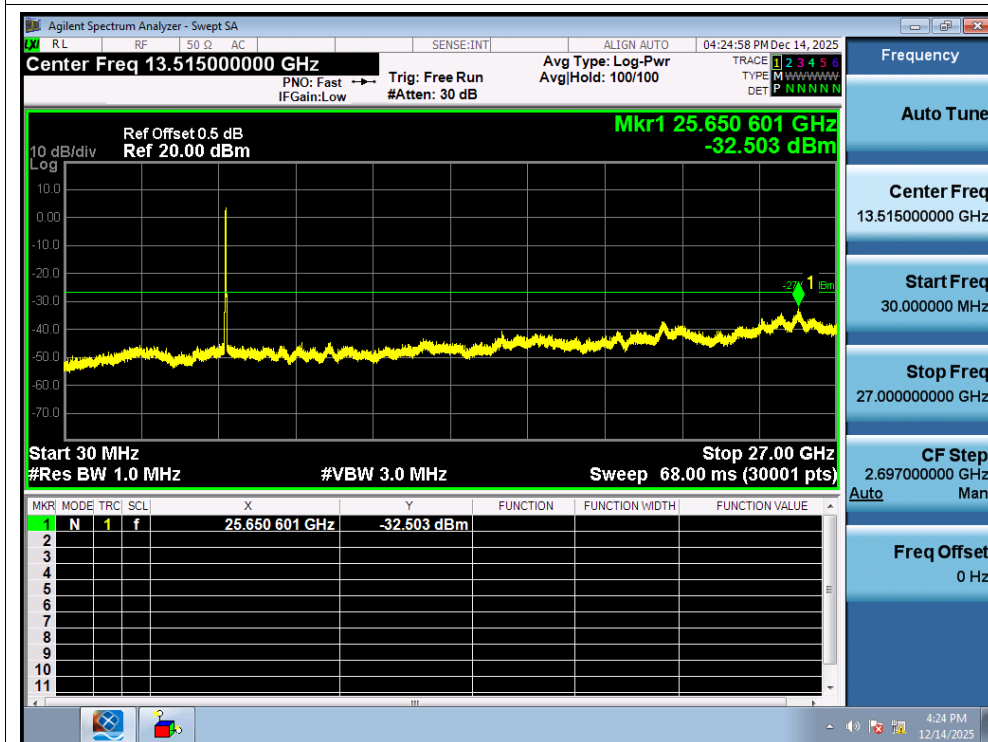
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



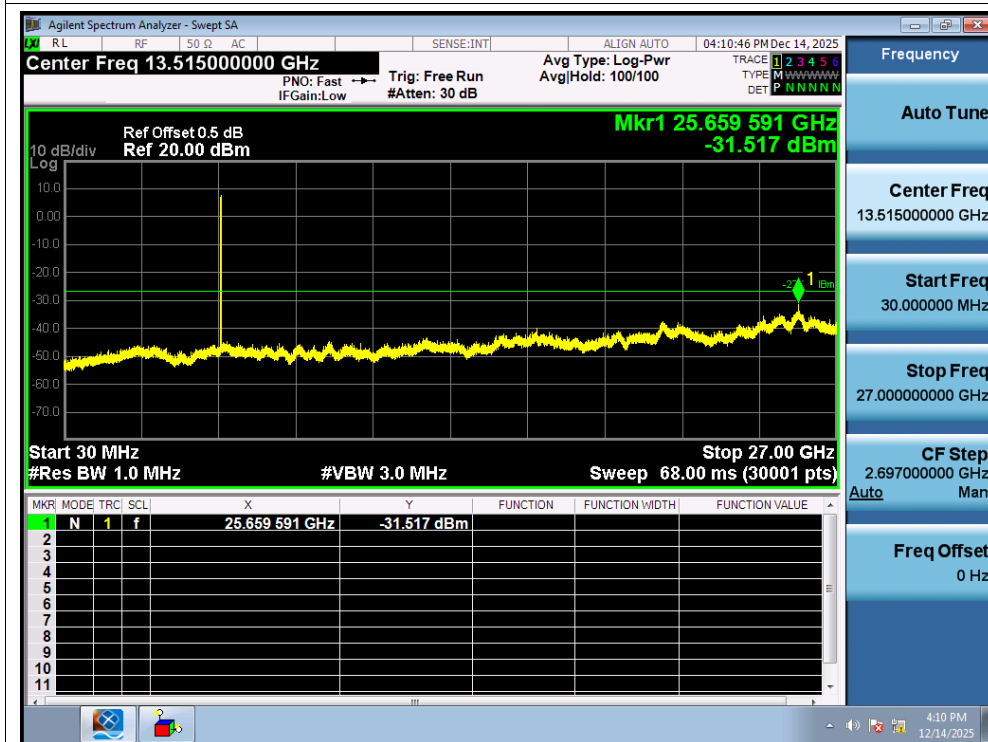
Tx. Spurious NVNT n40 5550MHz Ant1 Emission



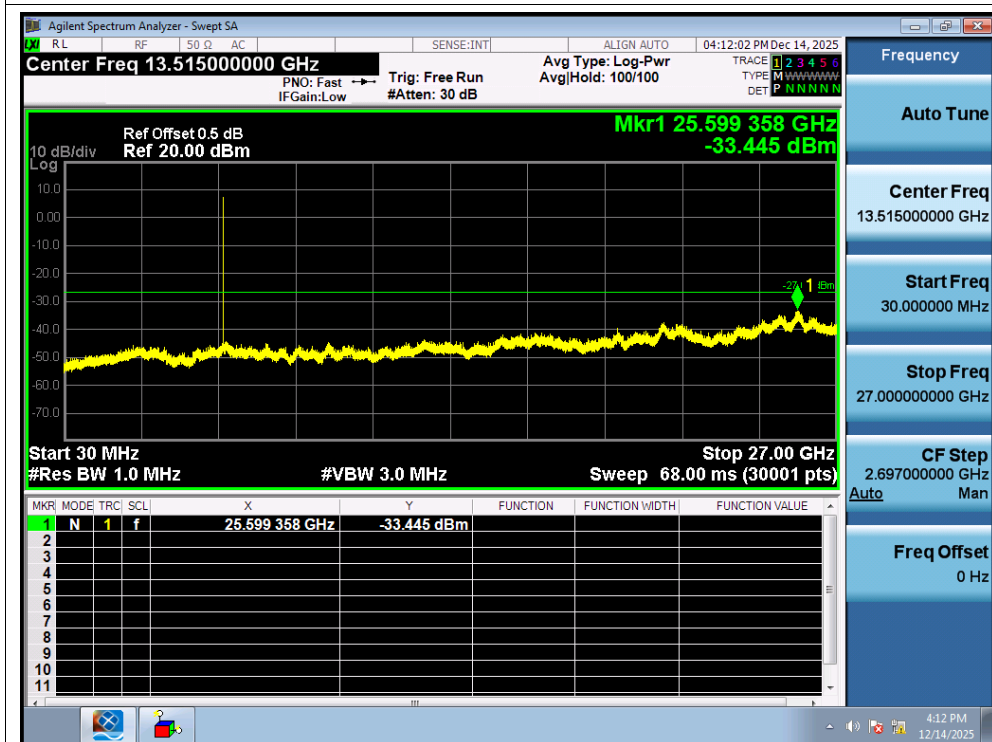
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



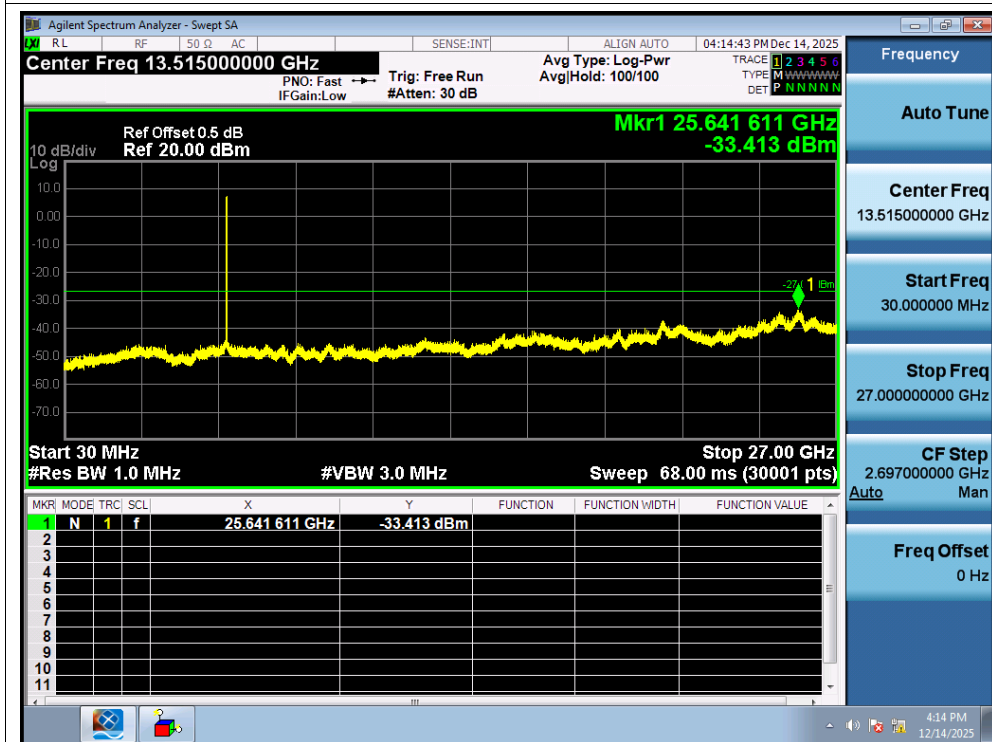
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



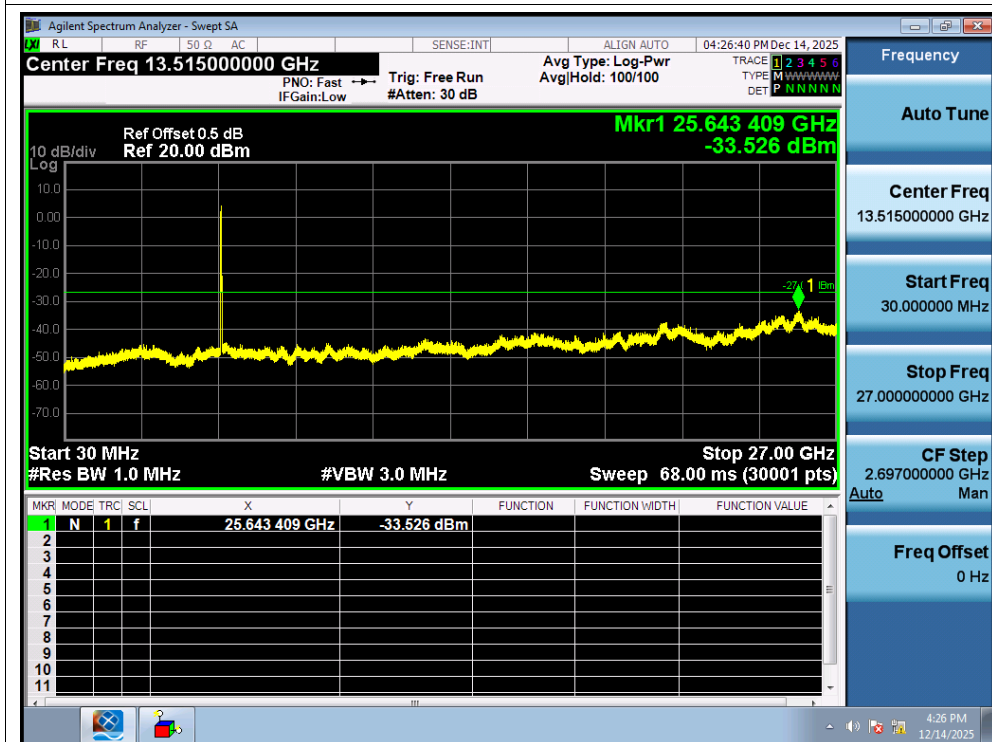
Tx. Spurious NVNT ac20 5580MHz Ant1 Emission



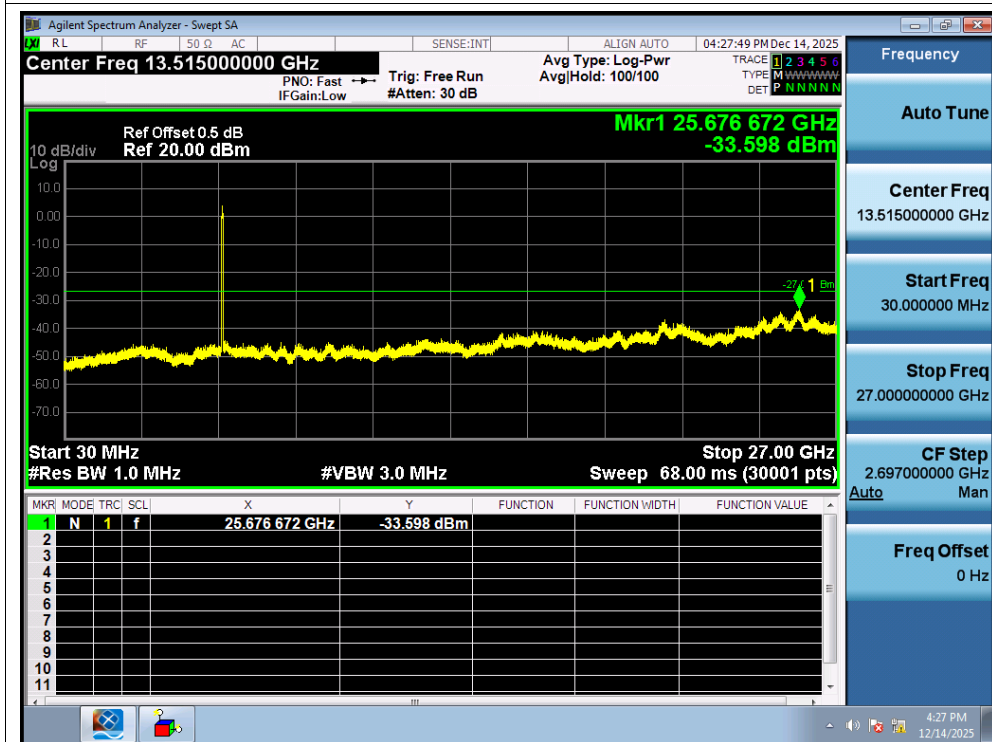
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission

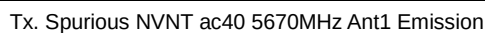


Tx. Spurious NVNT ac40 5510MHz Ant1 Emission

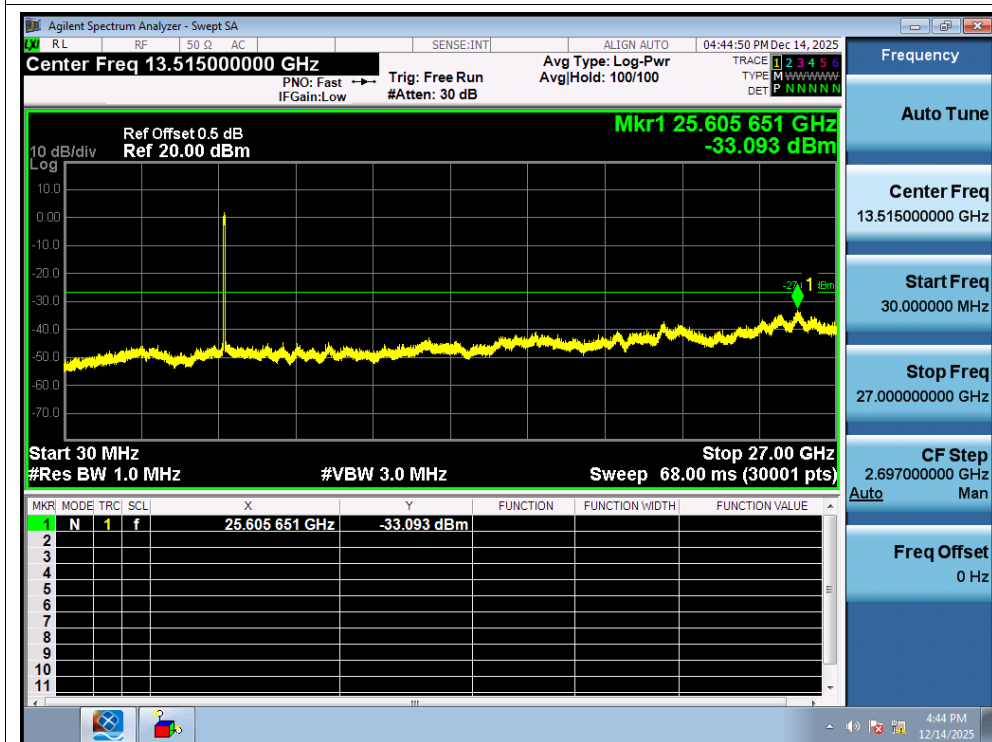


Tx. Spurious NVNT ac40 5550MHz Ant1 Emission

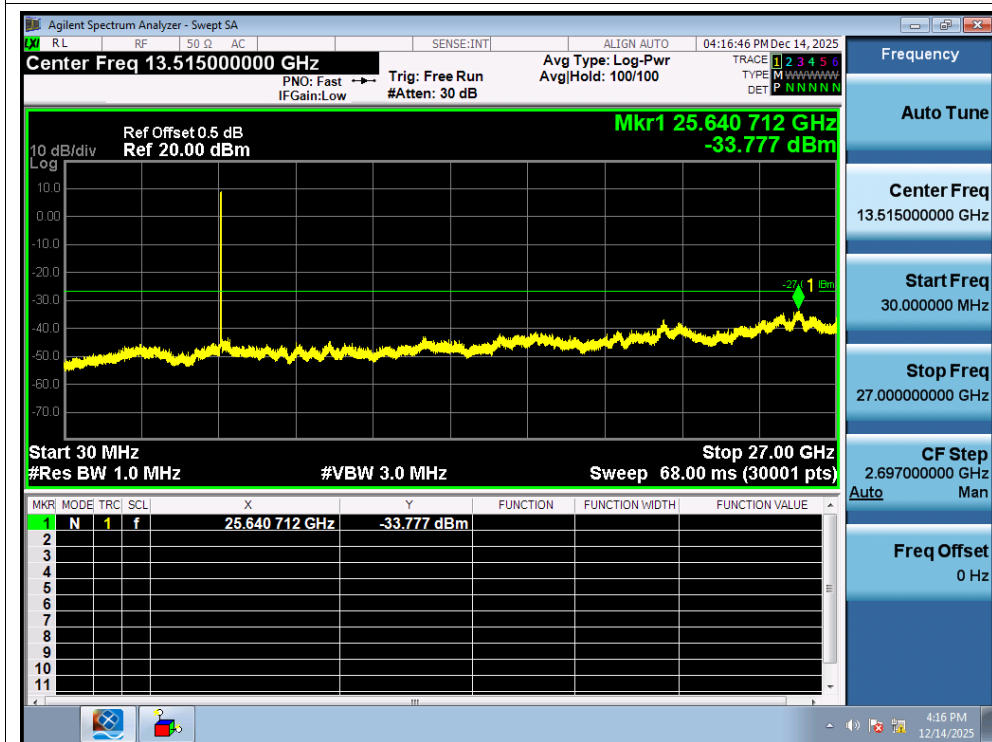




Tx. Spurious NVNT ac80 5610MHz Ant1 Emission



Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



Agilent Spectrum Analyzer - Swept SA

R/L RF 50 Ω AC SENSE:INT ALIGN AUTO 04:17:56 PM Dec 14, 2025

Center Freq 13.515000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 100/100

TRACE 1 2 3 4 5 6 TYPE BWMMWMMW DET P NNNNNN

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 25.610 146 GHz
-31.920 dBm

10 dB/div Log

Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 68.00 ms (30001 pts) Stop 27.00 GHz

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	25.610 146 GHz	-31.920 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency Auto Tune Center Freq 13.515000000 GHz Start Freq 30.000000 MHz Stop Freq 27.000000000 GHz CF Step 2.697000000 GHz Man Auto Freq Offset 0 Hz

The screenshot displays the Agilent Spectrum Analyzer interface. The main display shows a spectrum plot with a prominent peak at 25.620934 GHz, labeled as Mkr1, with a power level of -33.445 dBm. The plot is set to a resolution bandwidth (RBW) of 3.0 MHz and a sweep time of 68.0 ms. The center frequency is 13.51500000 GHz. The interface includes various control panels for frequency, power, and measurement functions.

Top Panel:

- Agilent Spectrum Analyzer - Sweep SA
- RL RF 50 Ω AC
- SENSE:INT
- ALIGN AUTO
- 04:20:00 PM Dec 14, 2025

Center Freq 13.51500000 GHz

Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr AvgHold: 100/100

Trace 1 2 3 4 5 6

Type M W W W W W W W

Det 2 N N N N N N

Ref Offset 0.5 dB Ref 20.00 dBm

10 dB/div Log

Mkr1 25.620 934 GHz -33.445 dBm

Start 30 MHz Stop 27.00 GHz

#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 68.0 ms (30001 pts)

Table:

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	25.620 934 GHz	-33.445 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq 13.51500000 GHz

Start Freq 30.000000 MHz

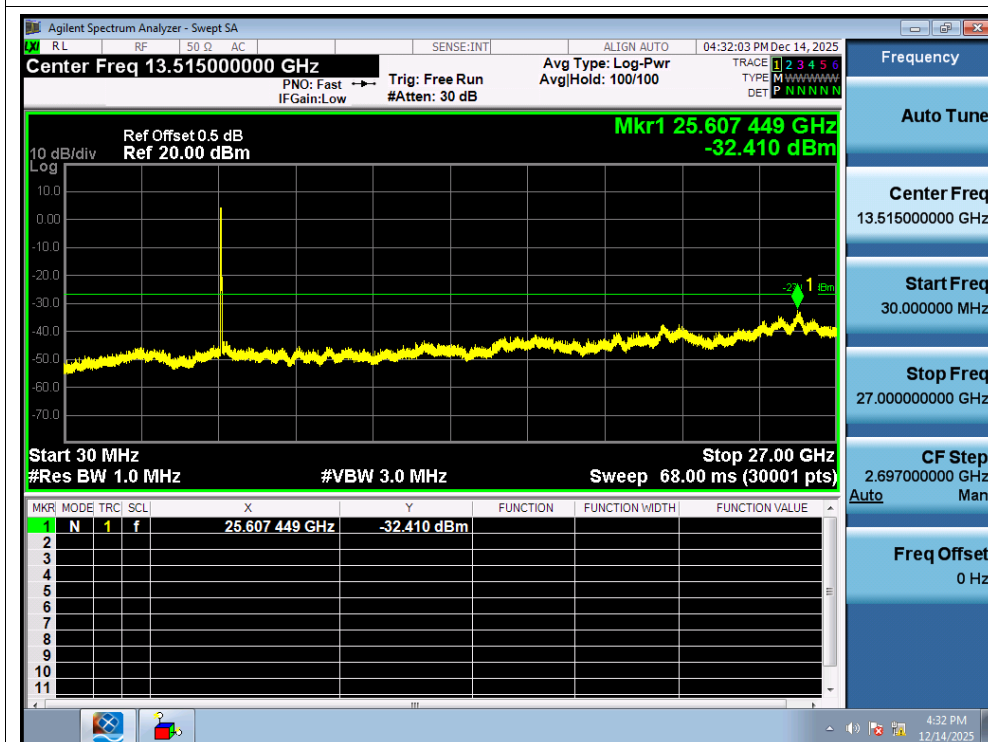
Stop Freq 27.00000000 GHz

CF Step 2.697000000 GHz Man

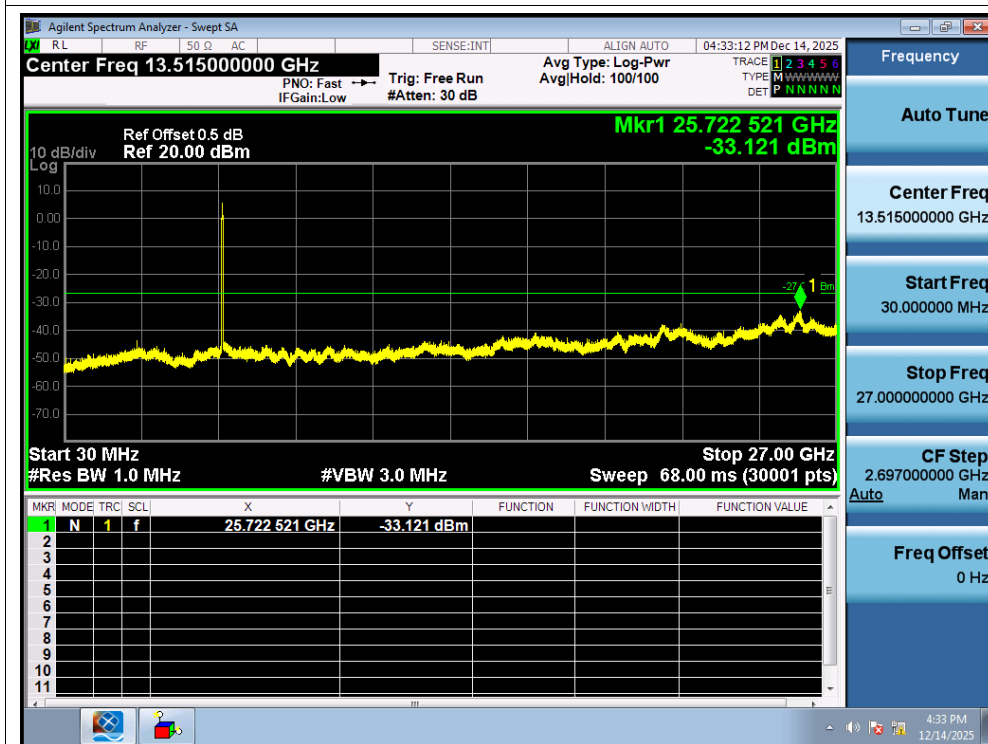
Freq Offset 0 Hz

4:20 PM 12/14/2025

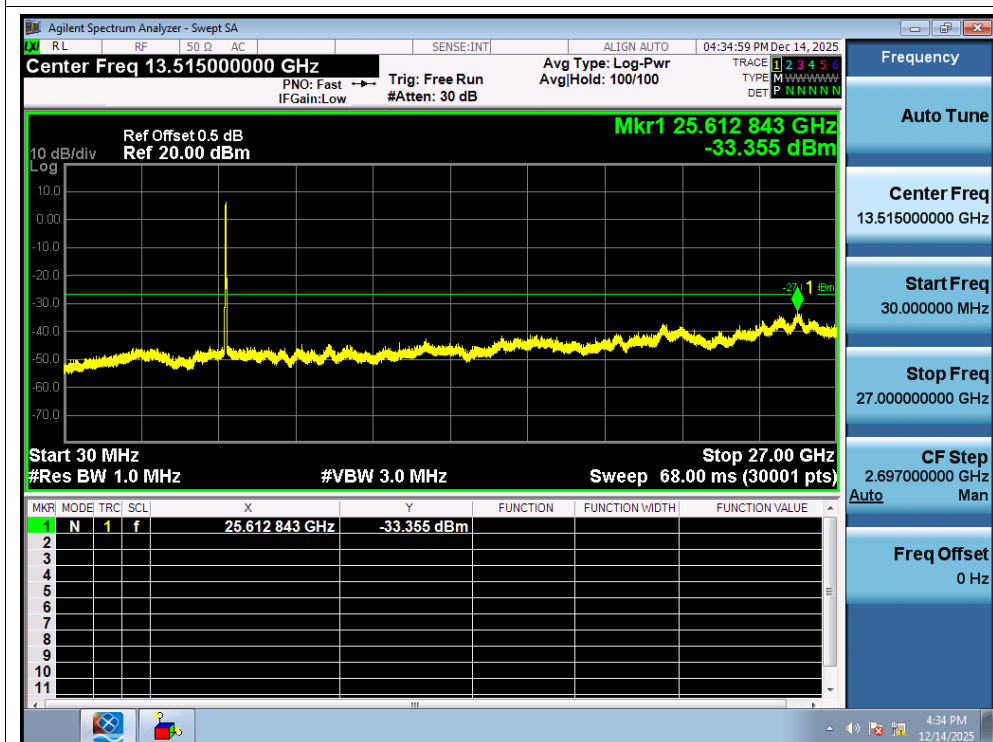
Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5550MHz Ant1 Emission



Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



Tx. Spurious NVNT ax80 5530MHz Ant1 Emission

