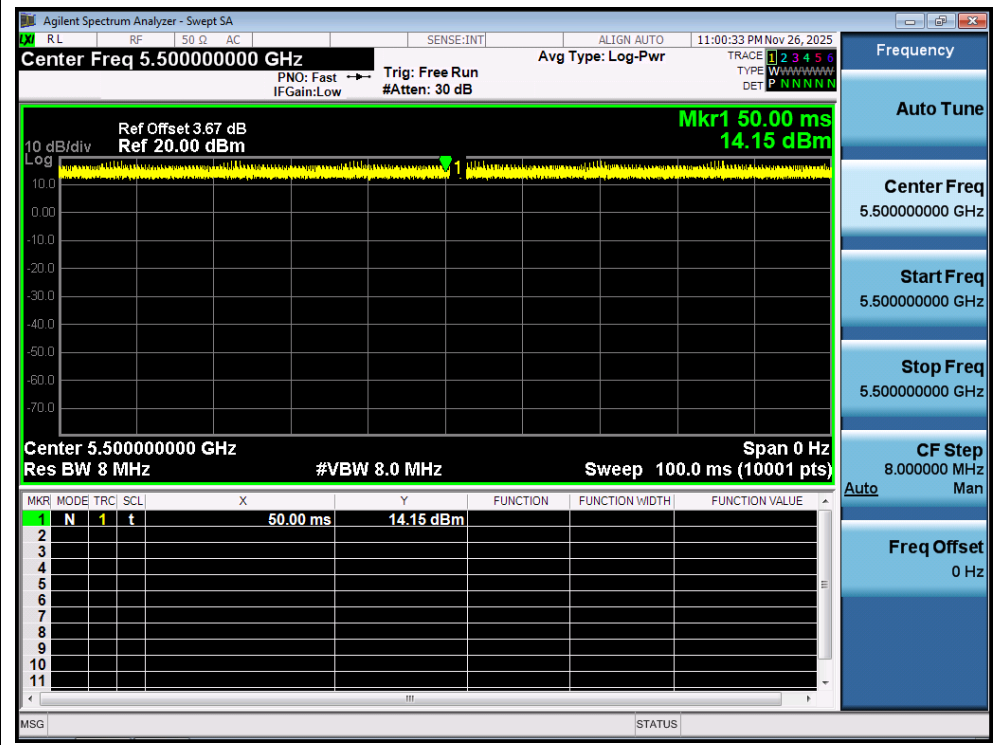


Duty Cycle

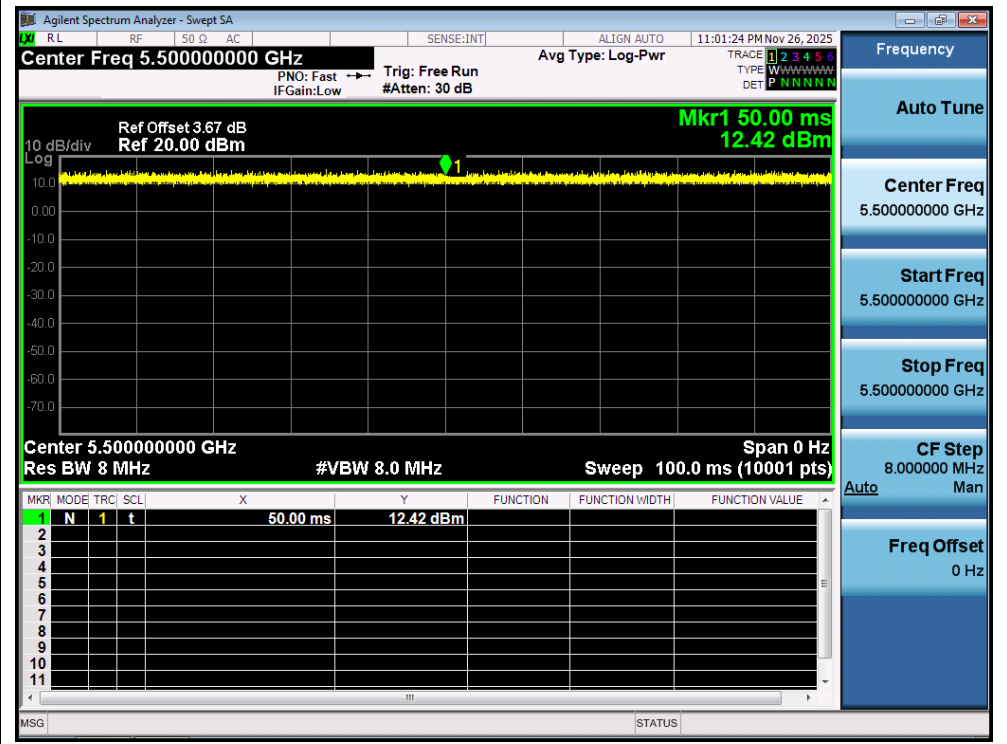
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	100	0	0
	n20			100	0	0
	ac20			100	0	0
	ax20			100	0	0

Test Graphs

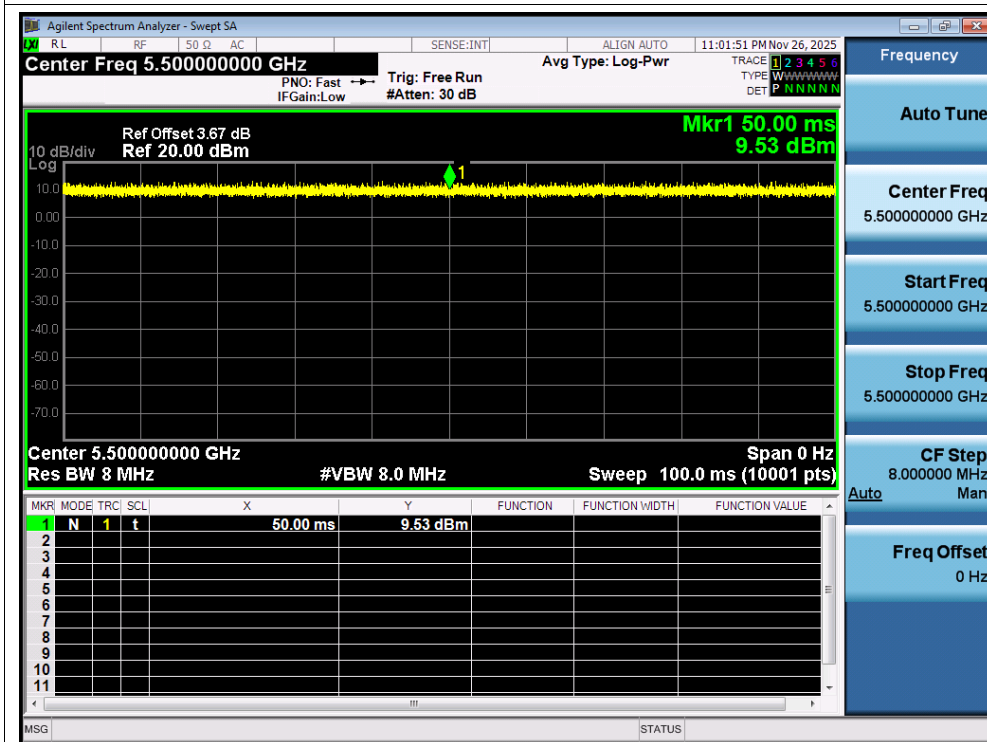
Duty Cycle NVNT a 5500MHz Ant1



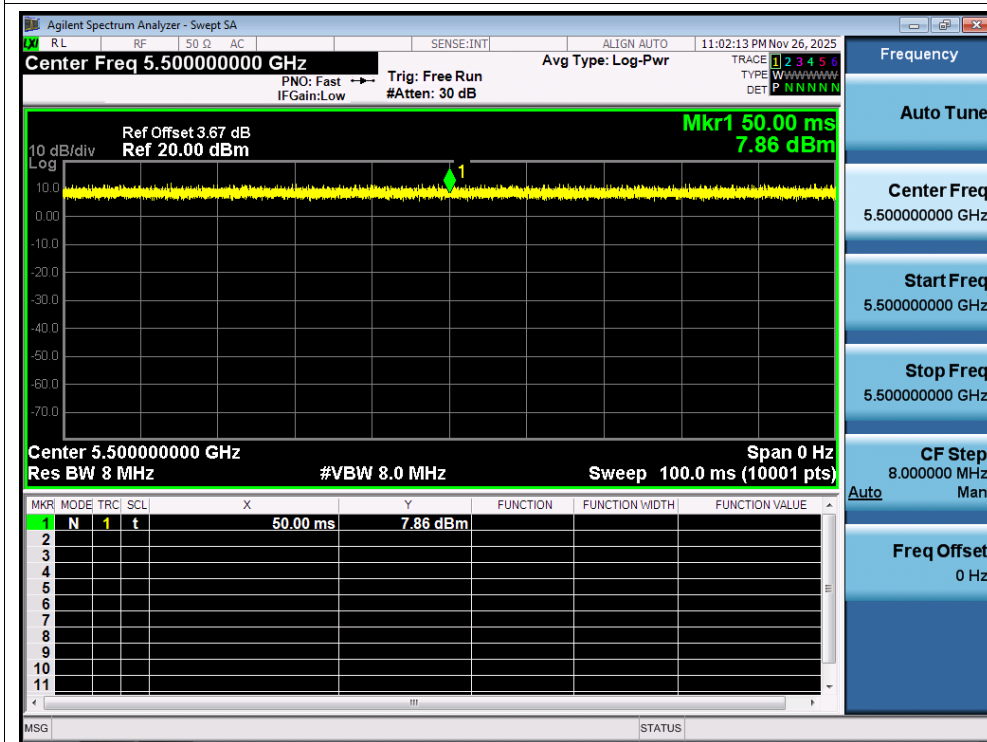
Duty Cycle NVNT n20 5500MHz Ant1	
1	0.000000
2	0.000000
3	0.000000
4	0.000000
5	0.000000
6	0.000000
7	0.000000
8	0.000000
9	0.000000
10	0.000000
11	0.000000
12	0.000000
13	0.000000
14	0.000000
15	0.000000
16	0.000000
17	0.000000
18	0.000000
19	0.000000
20	0.000000
21	0.000000
22	0.000000
23	0.000000
24	0.000000
25	0.000000
26	0.000000
27	0.000000
28	0.000000
29	0.000000
30	0.000000
31	0.000000
32	0.000000
33	0.000000
34	0.000000
35	0.000000
36	0.000000
37	0.000000
38	0.000000
39	0.000000
40	0.000000
41	0.000000
42	0.000000
43	0.000000
44	0.000000
45	0.000000
46	0.000000
47	0.000000
48	0.000000
49	0.000000
50	0.000000
51	0.000000
52	0.000000
53	0.000000
54	0.000000
55	0.000000
56	0.000000
57	0.000000
58	0.000000
59	0.000000
60	0.000000
61	0.000000
62	0.000000
63	0.000000
64	0.000000
65	0.000000
66	0.000000
67	0.000000
68	0.000000
69	0.000000
70	0.000000
71	0.000000
72	0.000000
73	0.000000
74	0.000000
75	0.000000
76	0.000000
77	0.000000
78	0.000000
79	0.000000
80	0.000000
81	0.000000
82	0.000000
83	0.000000
84	0.000000
85	0.000000
86	0.000000
87	0.000000
88	0.000000
89	0.000000
90	0.000000
91	0.000000
92	0.000000
93	0.000000
94	0.000000
95	0.000000
96	0.000000
97	0.000000
98	0.000000
99	0.000000
100	0.000000



Duty Cycle NVNT ac20 5500MHz Ant1



Duty Cycle NVNT ax20 5500MHz Ant1



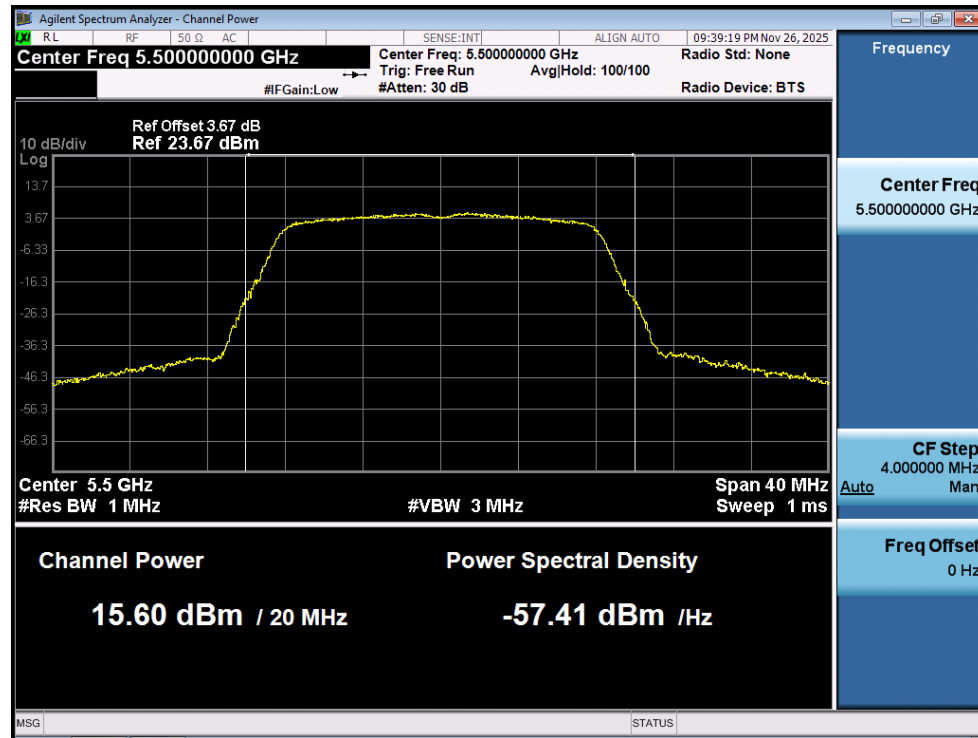
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	EIRP	99% EBW (MHz)	17dBm+ 10logB (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	15.6	19.02	16.421	29.15	29.15	Pass
NVNT	a	5580	16.87	20.29	16.418	29.15	29.15	Pass
NVNT	a	5700	13.76	17.18	16.359	29.14	29.14	Pass
NVNT	n20	5500	13.49	16.91	17.526	29.44	29.44	Pass
NVNT	n20	5580	14.93	18.35	17.573	29.45	29.45	Pass
NVNT	n20	5700	14.91	18.33	17.542	29.44	29.44	Pass
NVNT	ac20	5500	13.54	16.96	17.578	29.45	29.45	Pass
NVNT	ac20	5580	14.95	18.37	17.571	29.45	29.45	Pass
NVNT	ac20	5700	13.28	16.7	17.543	29.44	29.44	Pass
NVNT	ax20	5500	10.78	14.2	18.833	29.75	29.75	Pass
NVNT	ax20	5580	13.51	16.93	18.84	29.75	29.75	Pass
NVNT	ax20	5700	14.59	18.01	18.796	29.74	29.74	Pass

Note: EIRP= Output Power+Antenna Gain, Antenna Gain=3.42 dBi

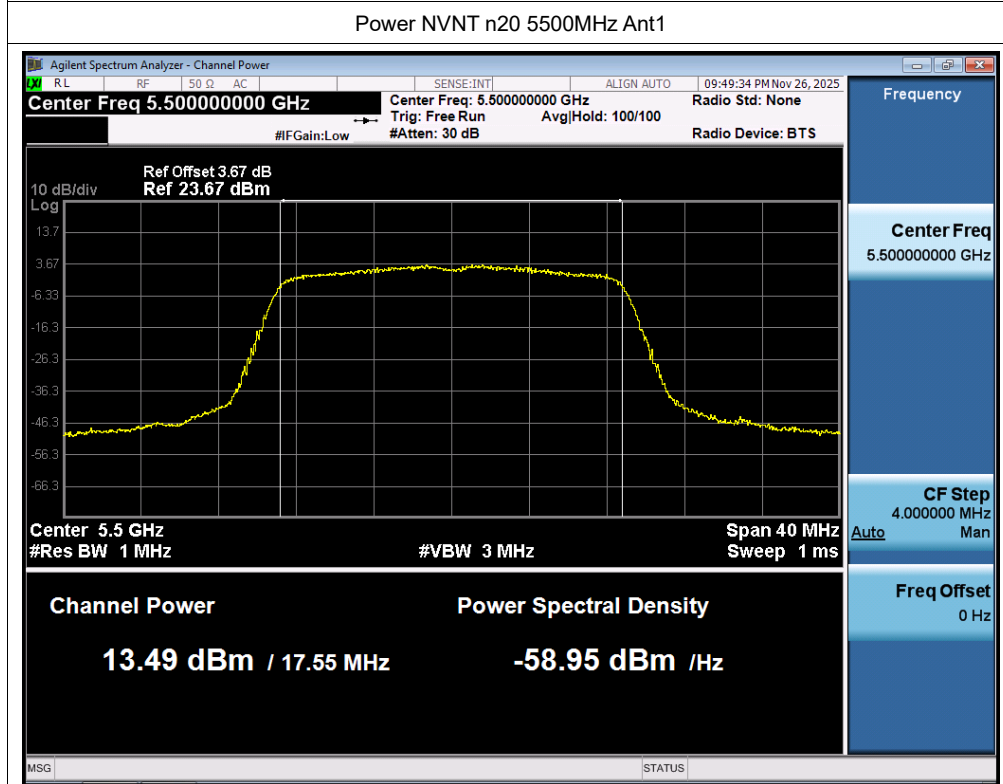
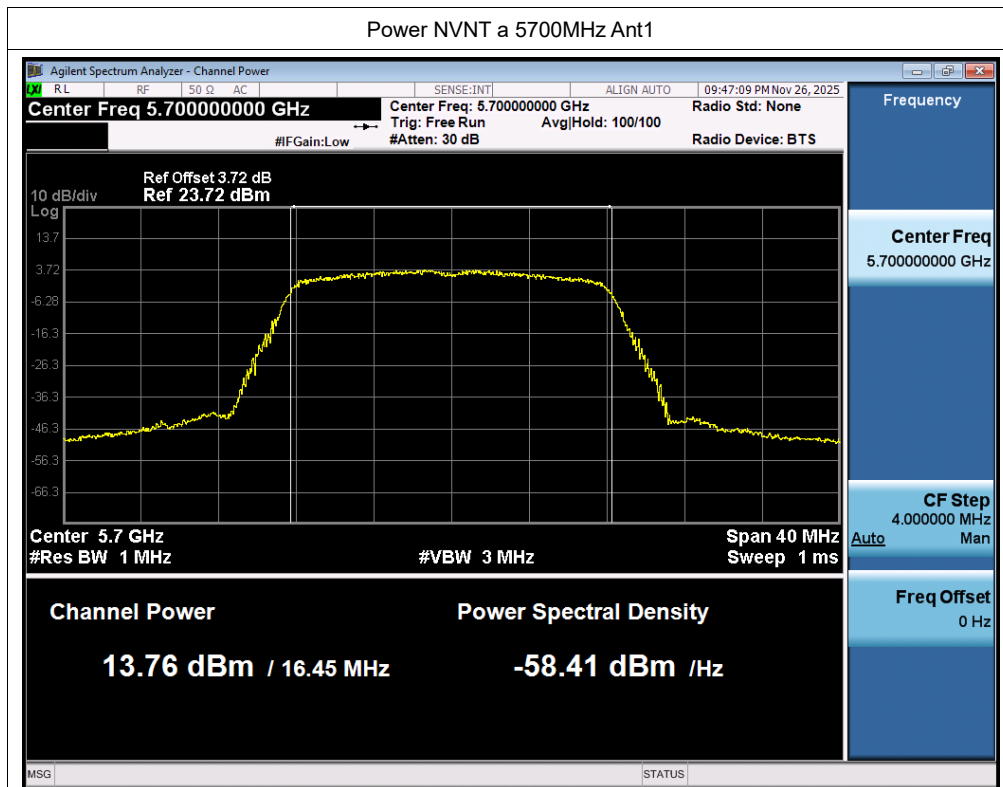
Test Graphs

Power NVNT a 5500MHz Ant1

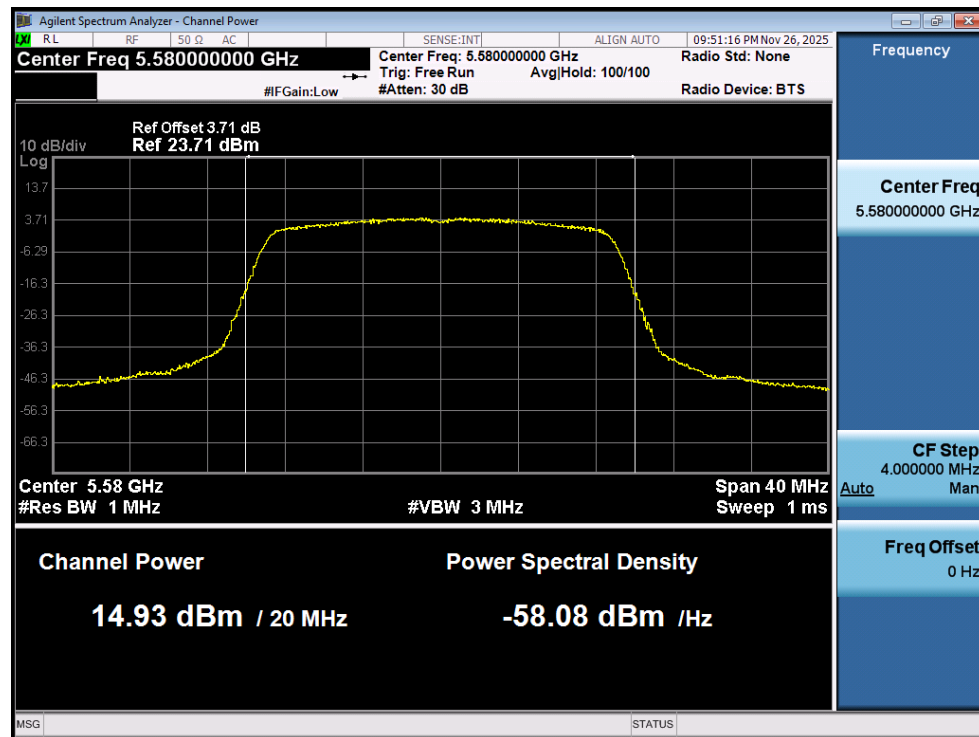


Power NVNT a 5580MHz Ant1

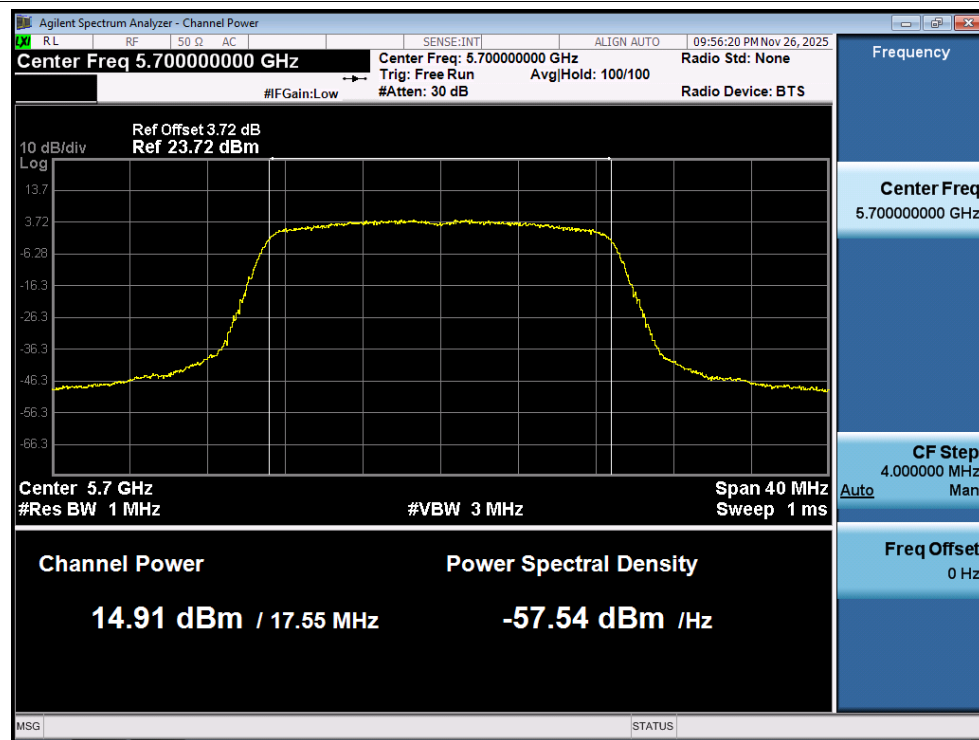




Power NVNT n20 5580MHz Ant1



Power NVNT n20 5700MHz Ant1



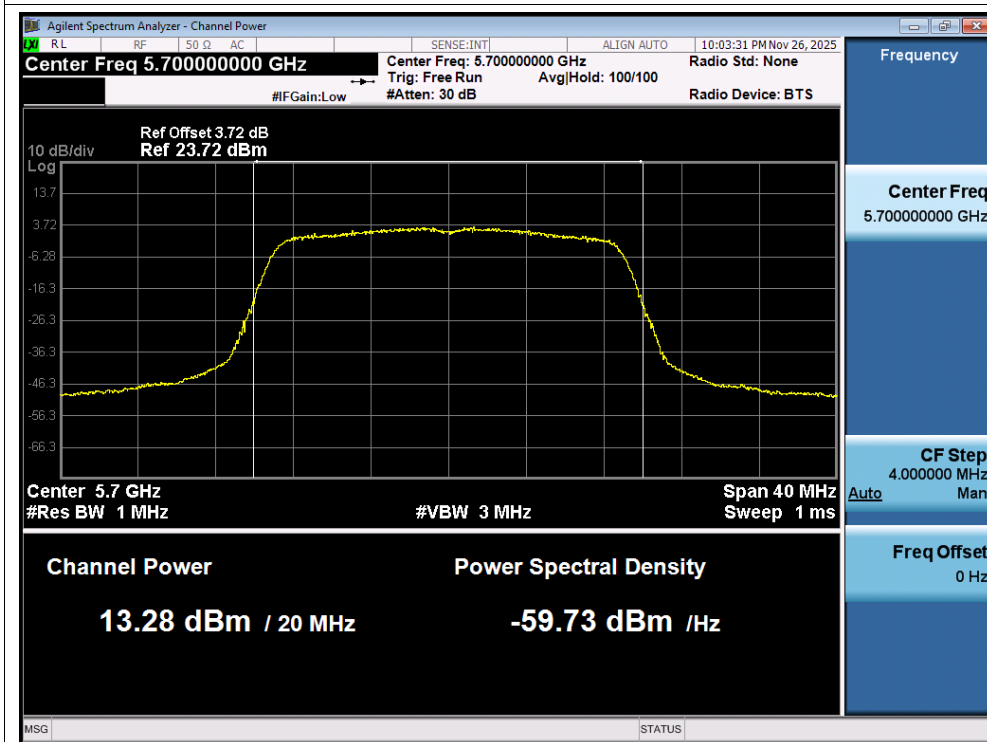
Power NVNT ac20 5500MHz Ant1



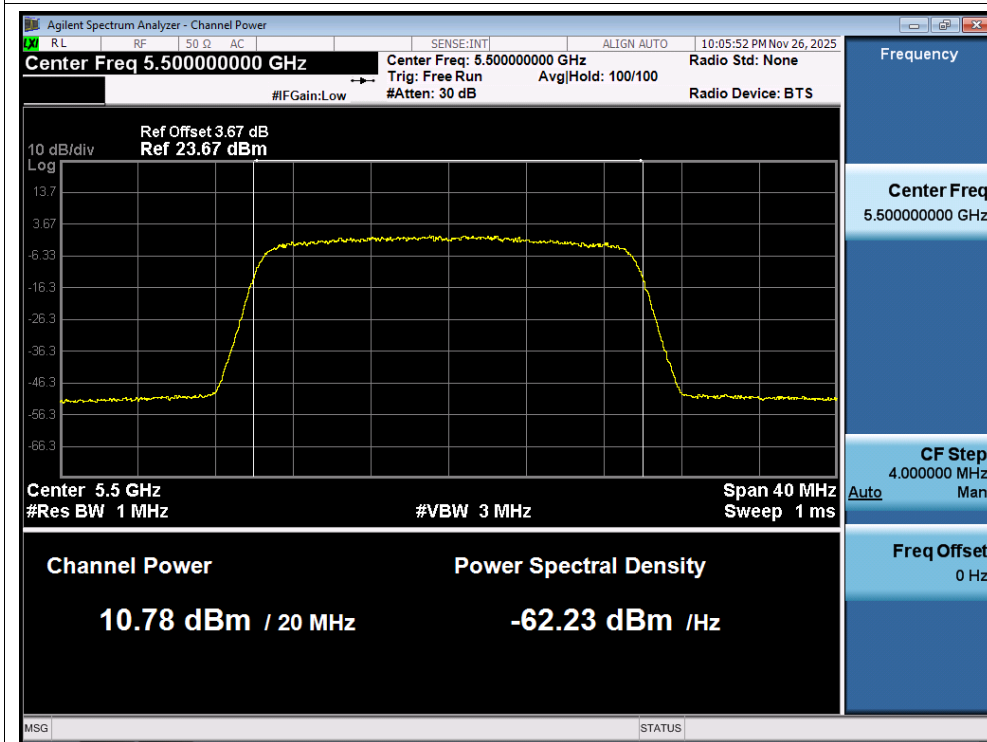
Power NVNT ac20 5580MHz Ant1



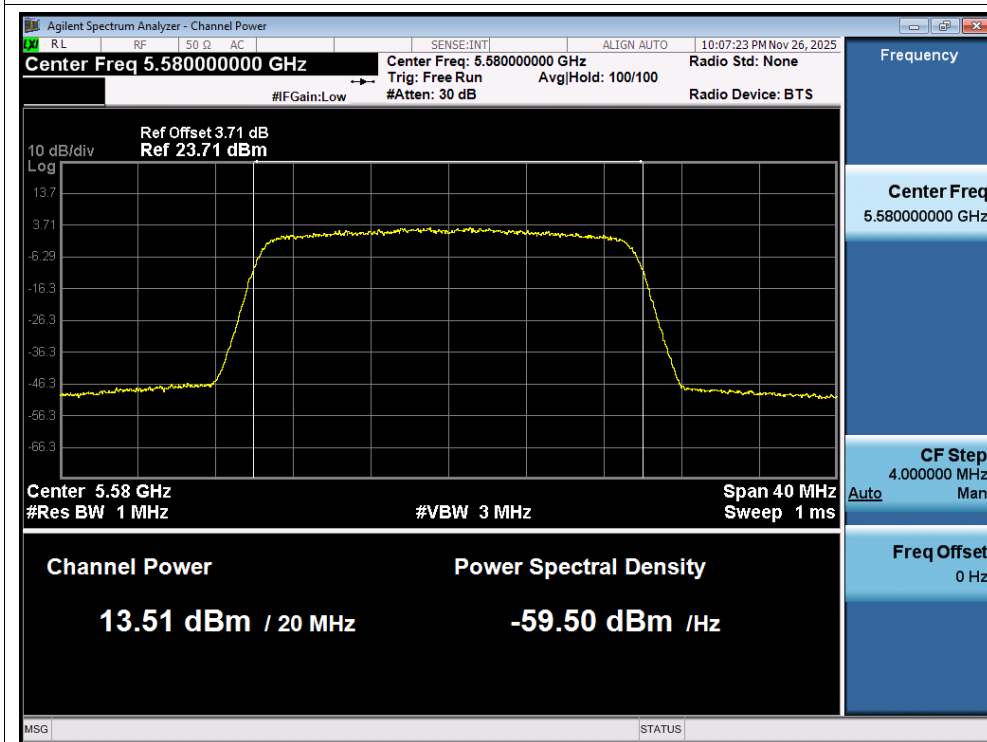
Power NVNT ac20 5700MHz Ant1



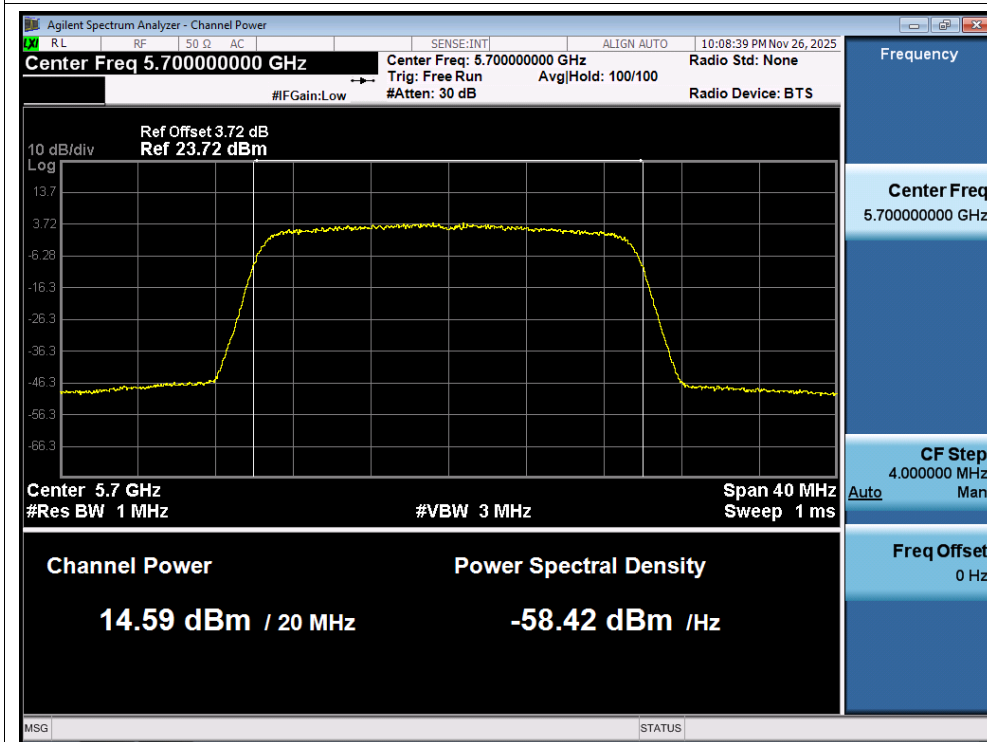
Power NVNT ax20 5500MHz Ant1



Power NVNT ax20 5580MHz Ant1



Power NVNT ax20 5700MHz Ant1

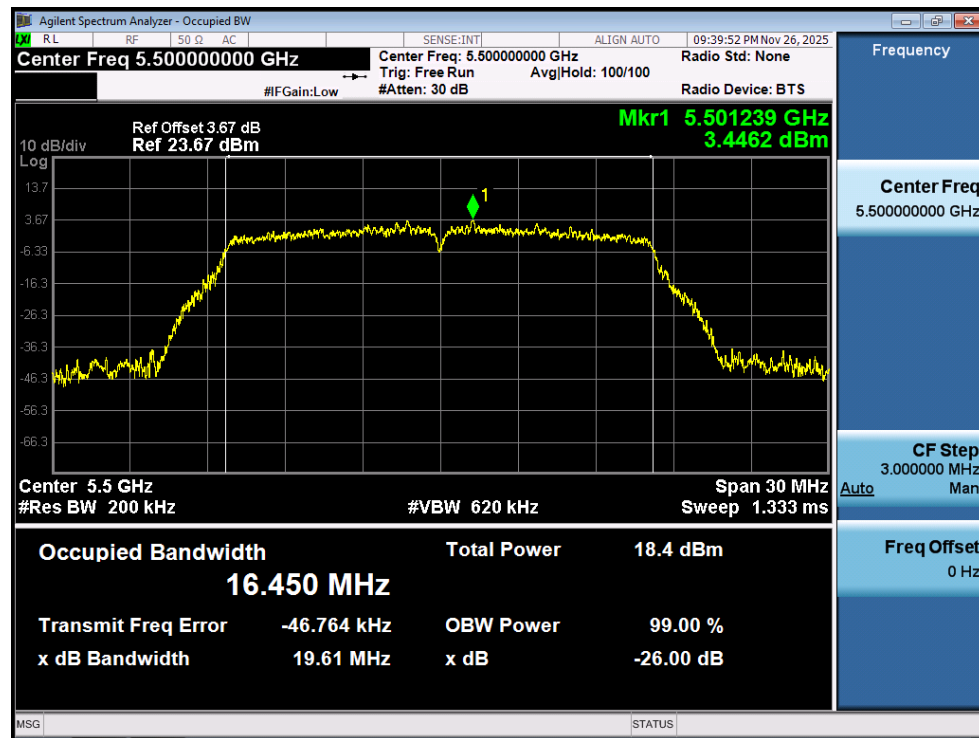


-26dB Bandwidth

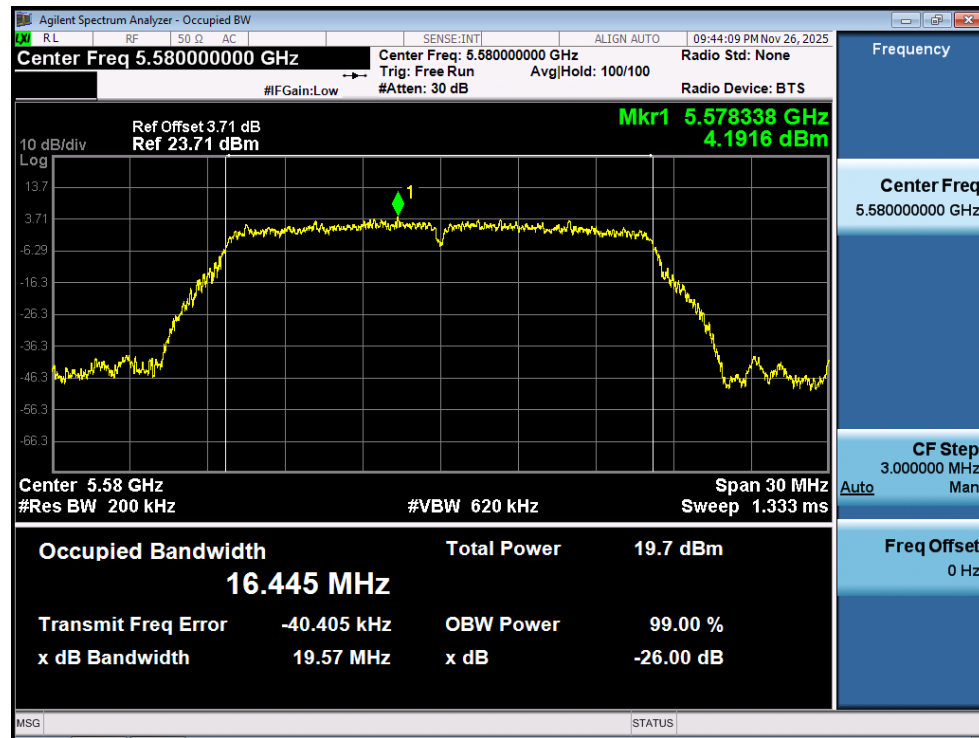
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	19.606	0.5	Pass
		5580		19.574	0.5	Pass
		5700		19.221	0.5	Pass
	n20	5500		20.154	0.5	Pass
		5580		19.94	0.5	Pass
		5700		20.017	0.5	Pass
	ac20	5500		20.105	0.5	Pass
		5580		20.038	0.5	Pass
		5700		20.019	0.5	Pass
	ax20	5500		20.408	0.5	Pass
		5580		20.423	0.5	Pass
		5700		20.682	0.5	Pass

Test Graphs

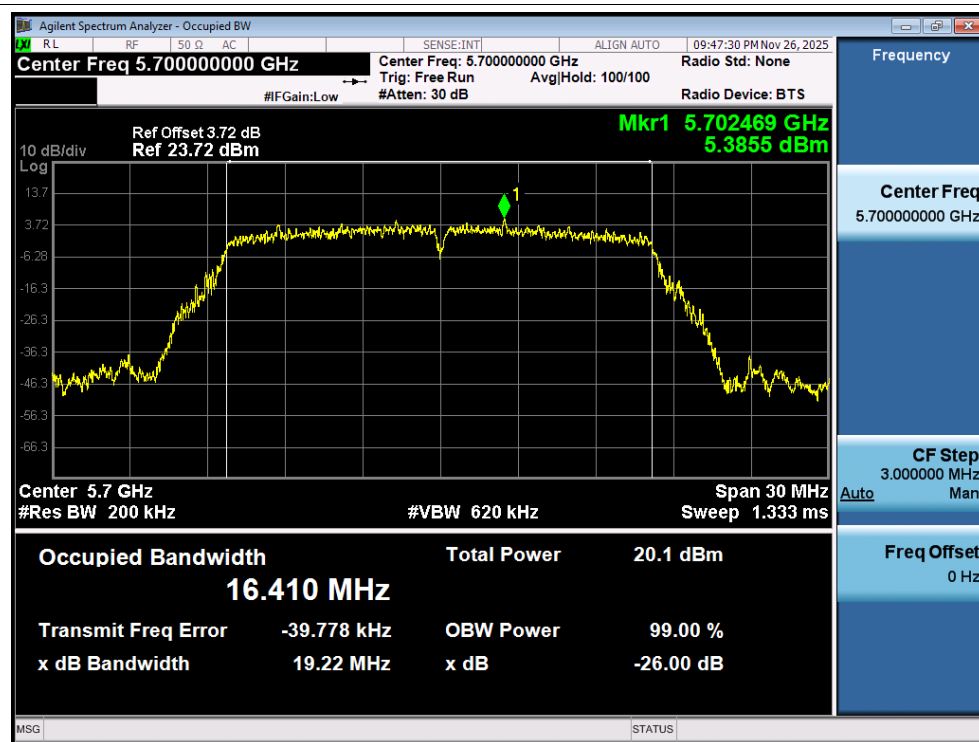
-26dB Bandwidth NVNT a 5500MHz Ant1



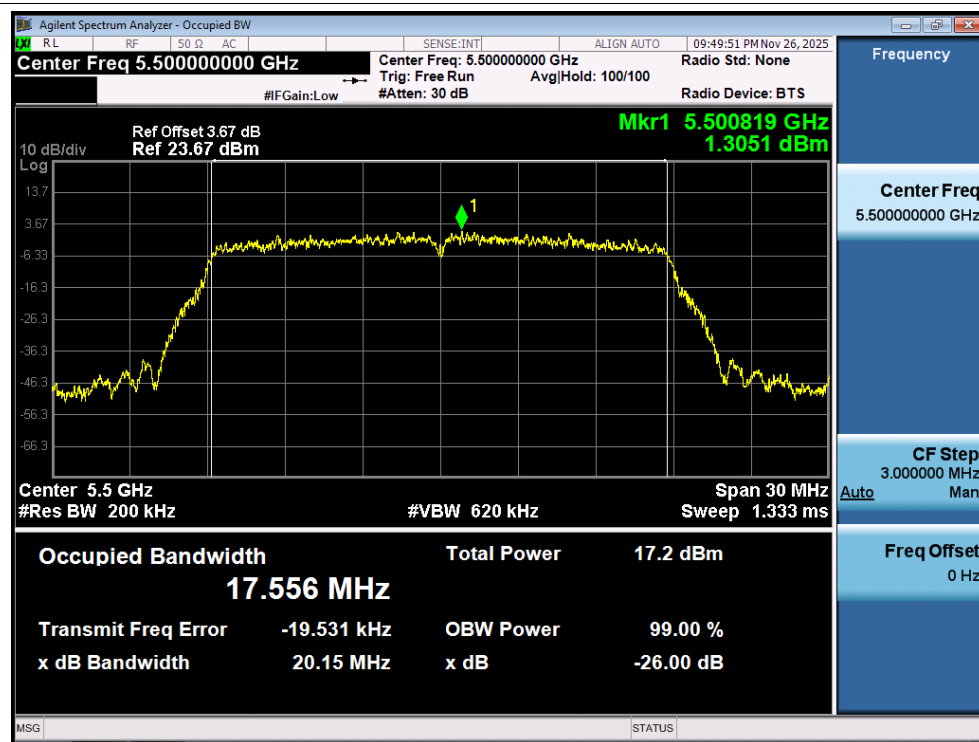
-26dB Bandwidth NVNT a 5580MHz Ant1



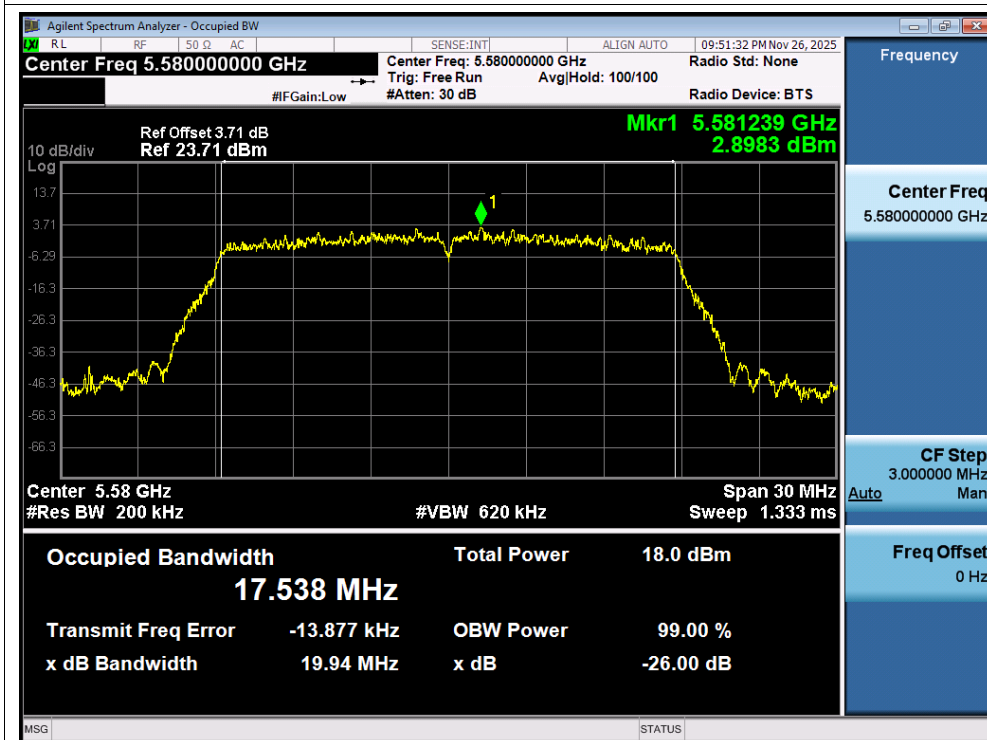
-26dB Bandwidth NVNT a 5700MHz Ant1



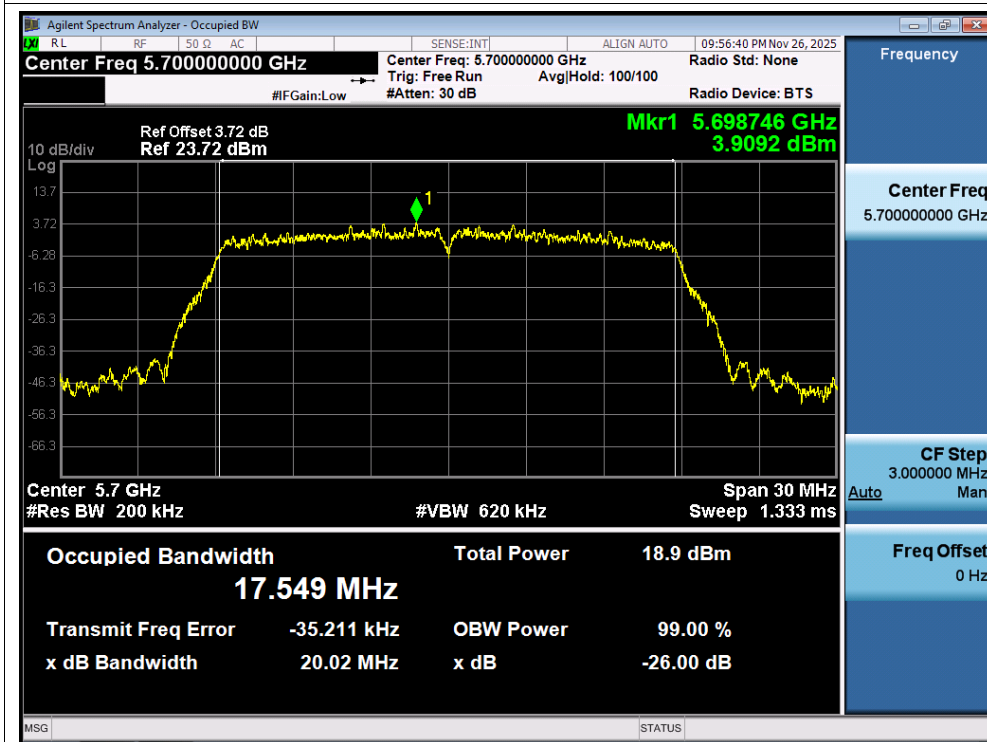
-26dB Bandwidth NVNT n20 5500MHz Ant1



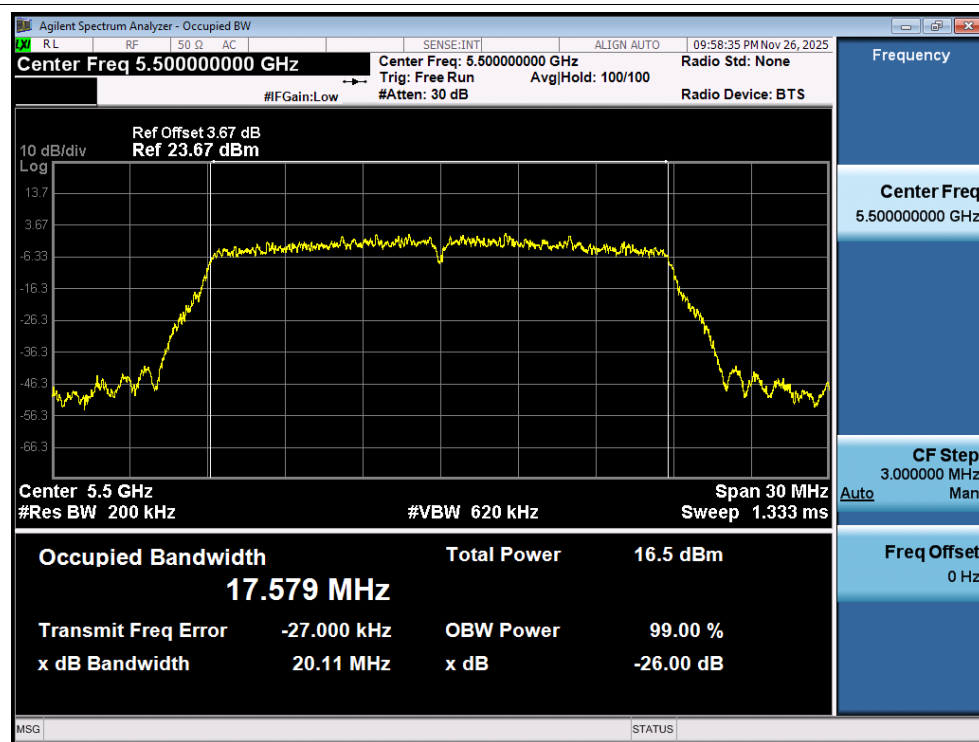
-26dB Bandwidth NVNT n20 5580MHz Ant1



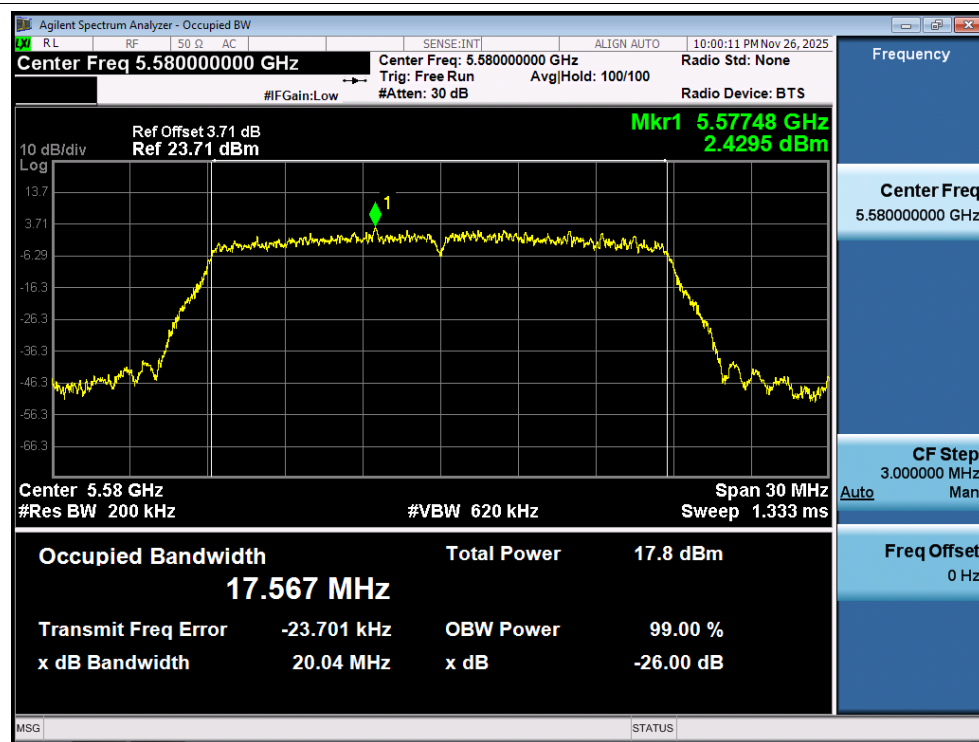
-26dB Bandwidth NVNT n20 5700MHz Ant1

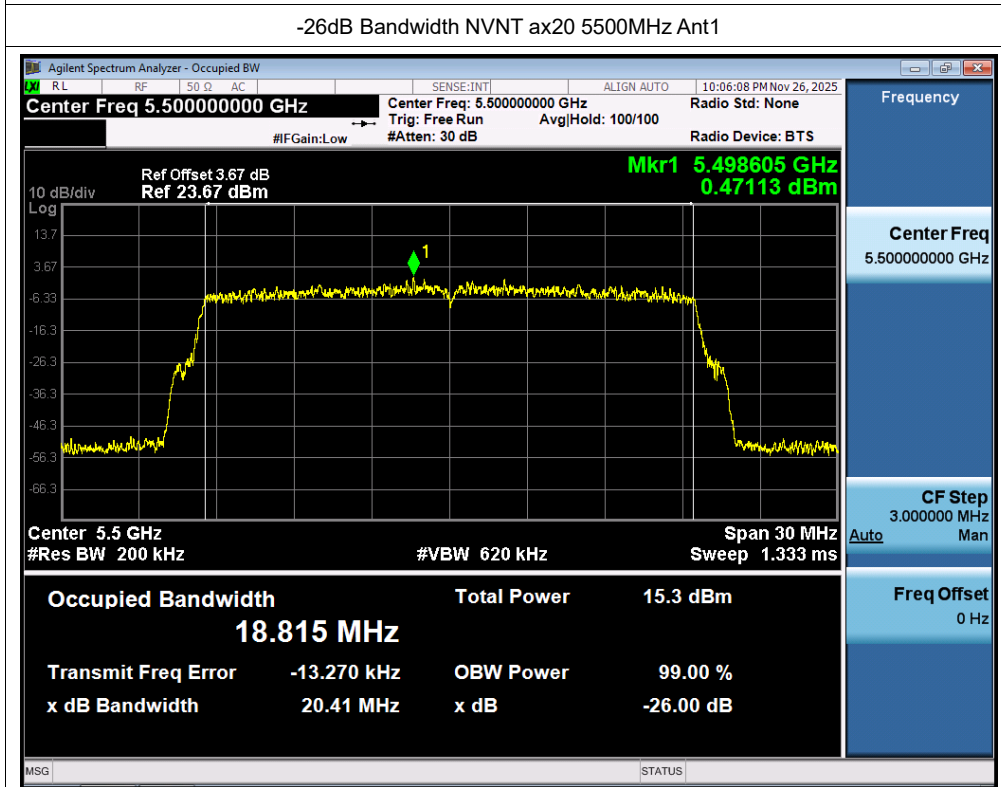
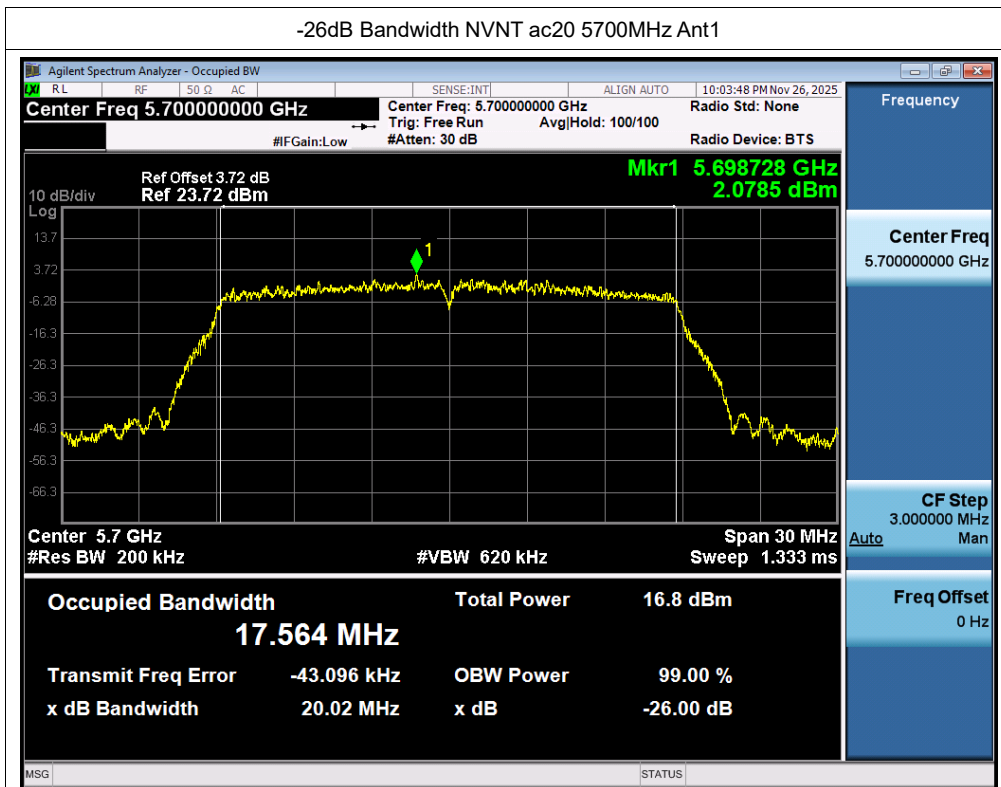


-26dB Bandwidth NVNT ac20 5500MHz Ant1

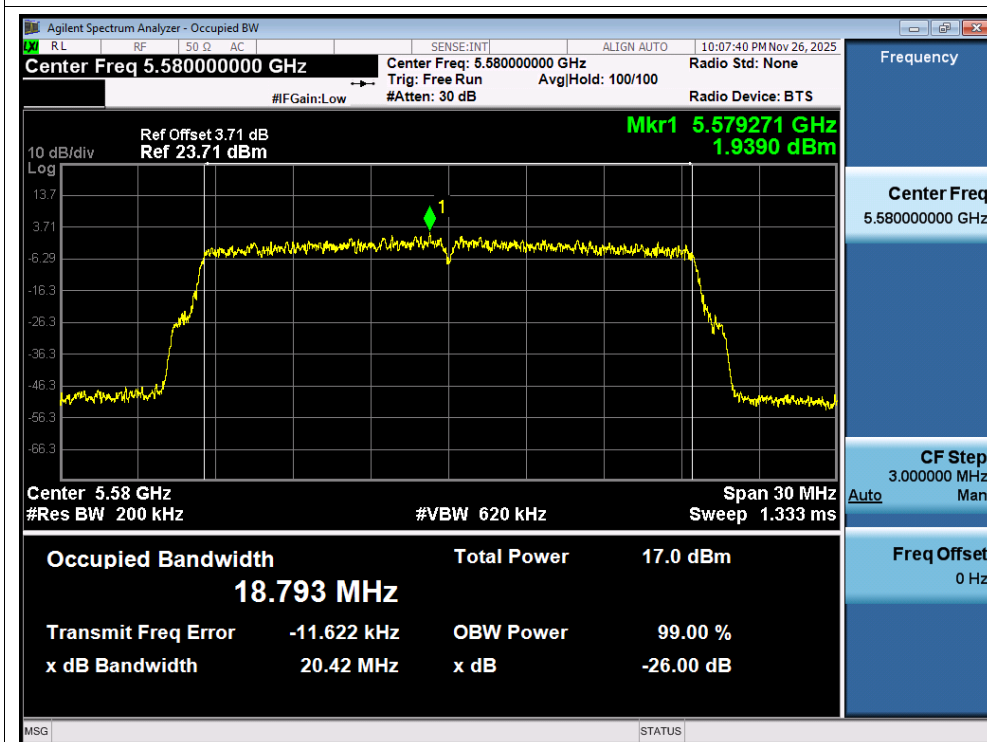


-26dB Bandwidth NVNT ac20 5580MHz Ant1

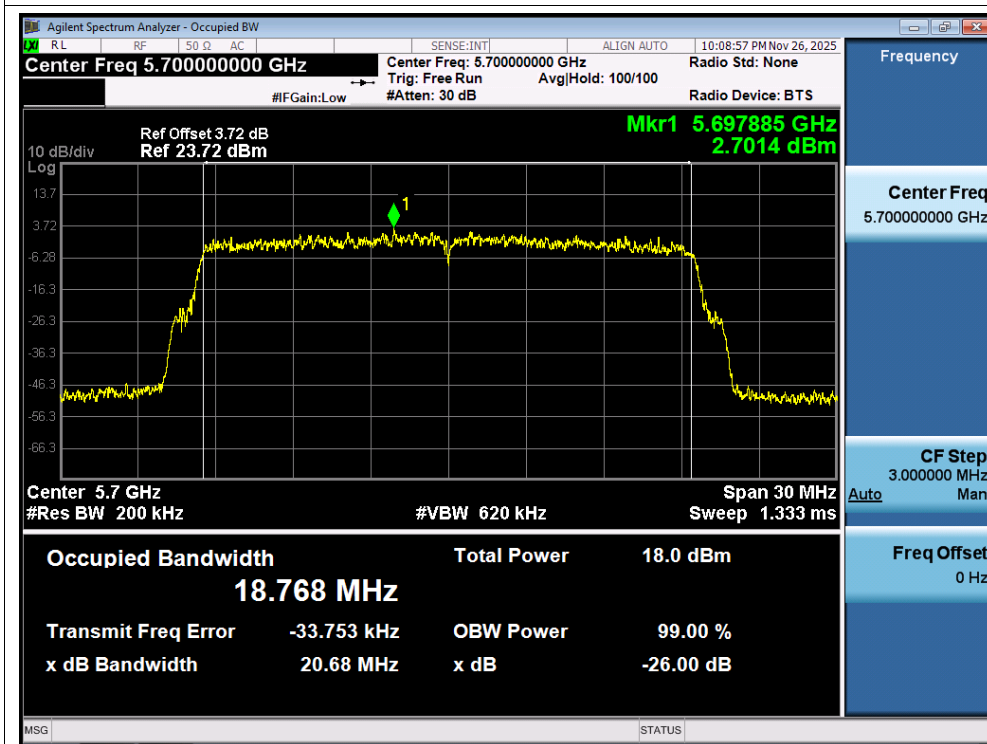




-26dB Bandwidth NVNT ax20 5580MHz Ant1



-26dB Bandwidth NVNT ax20 5700MHz Ant1

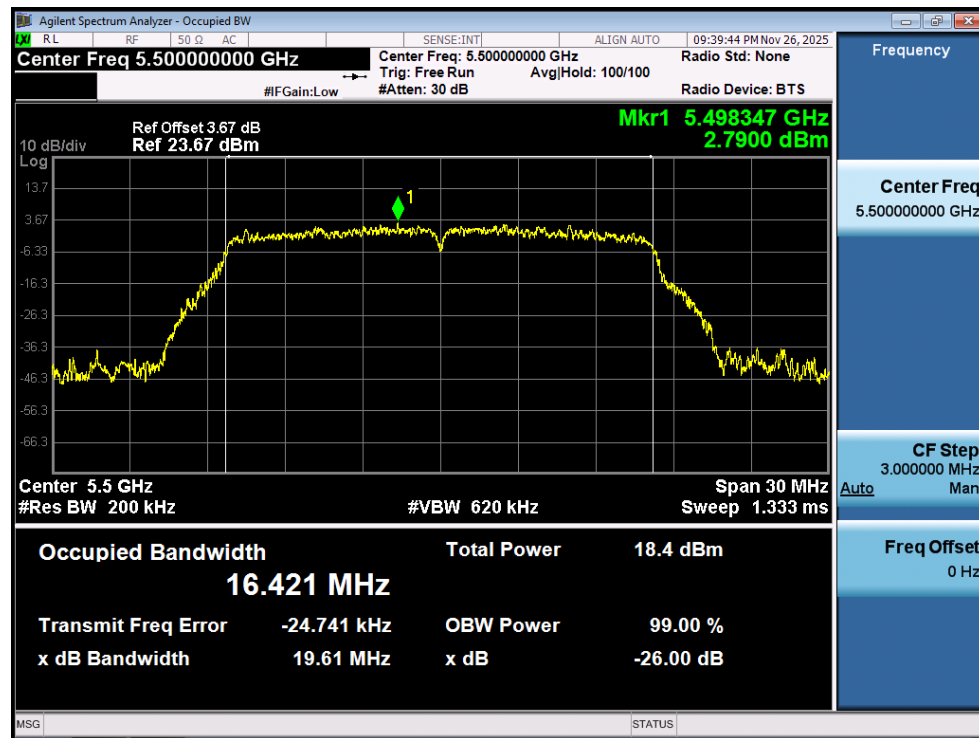


Occupied Channel Bandwidth

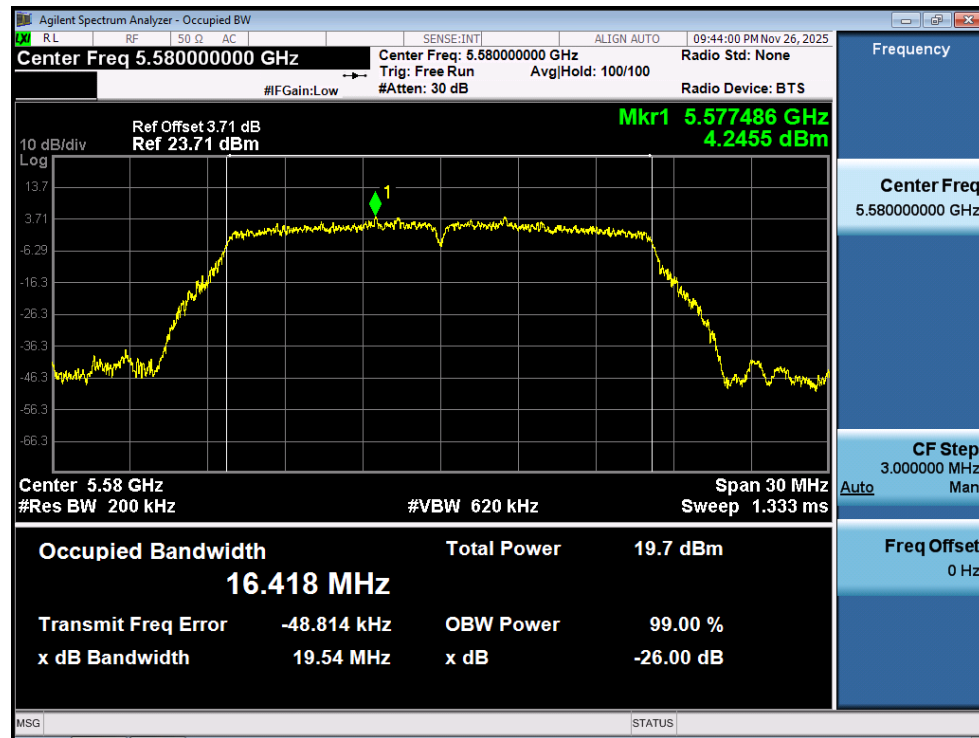
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.421
		5580		16.418
		5700		16.359
	n20	5500		17.526
		5580		17.573
		5700		17.542
	ac20	5500		17.578
		5580		17.571
		5700		17.543
	ax20	5500		18.833
		5580		18.84
		5700		18.796

Test Graphs

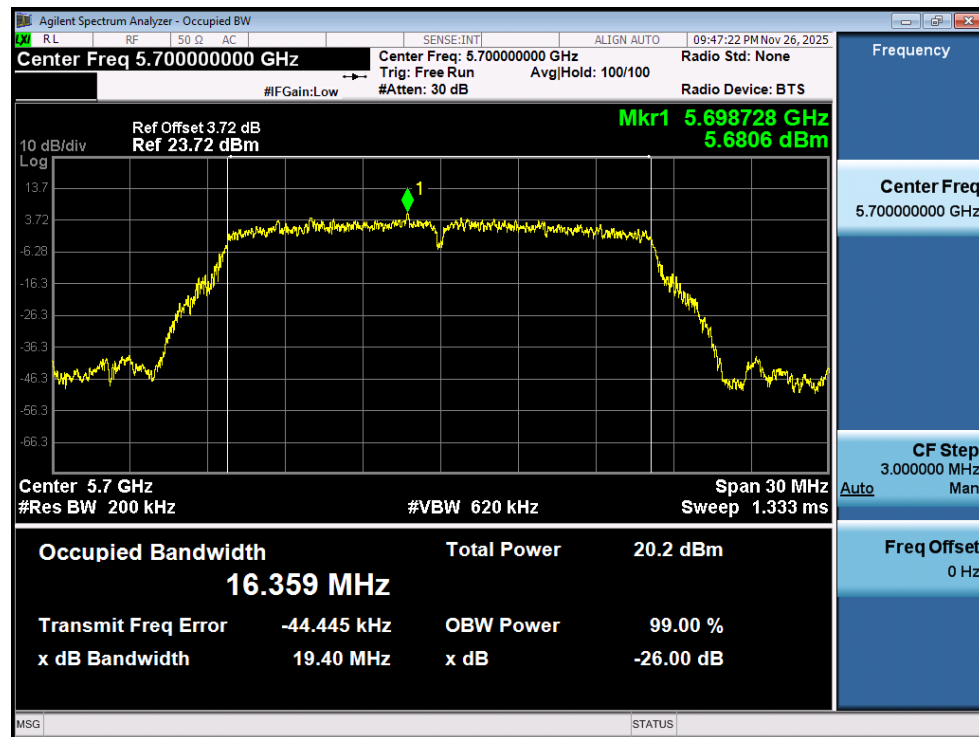
OBW NVNT a 5500MHz Ant1



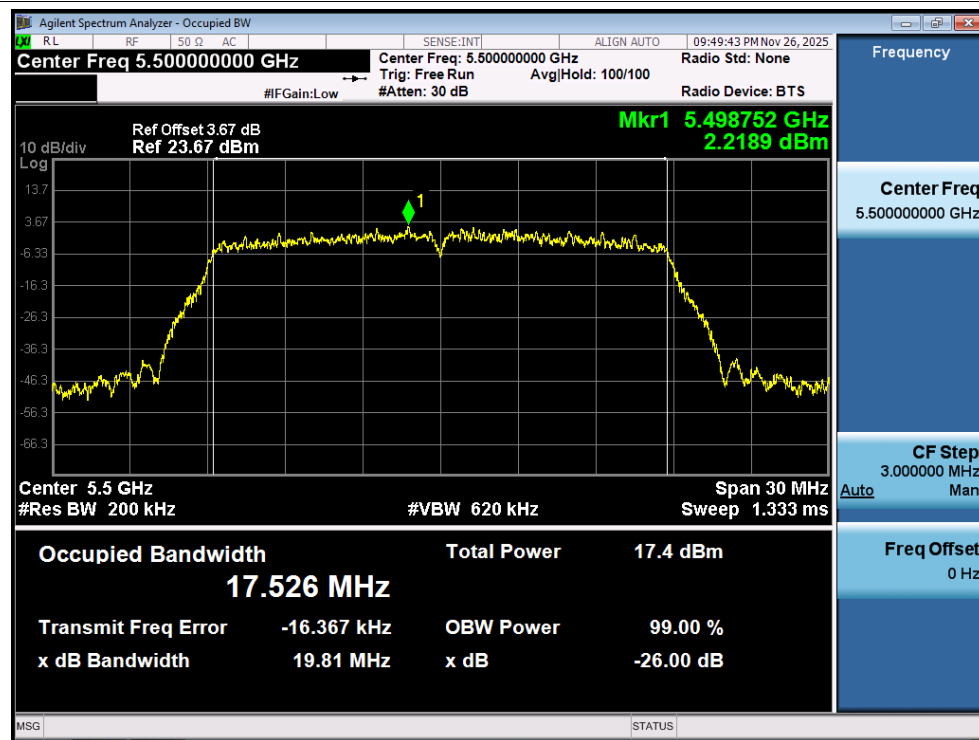
OBW NVNT a 5580MHz Ant1

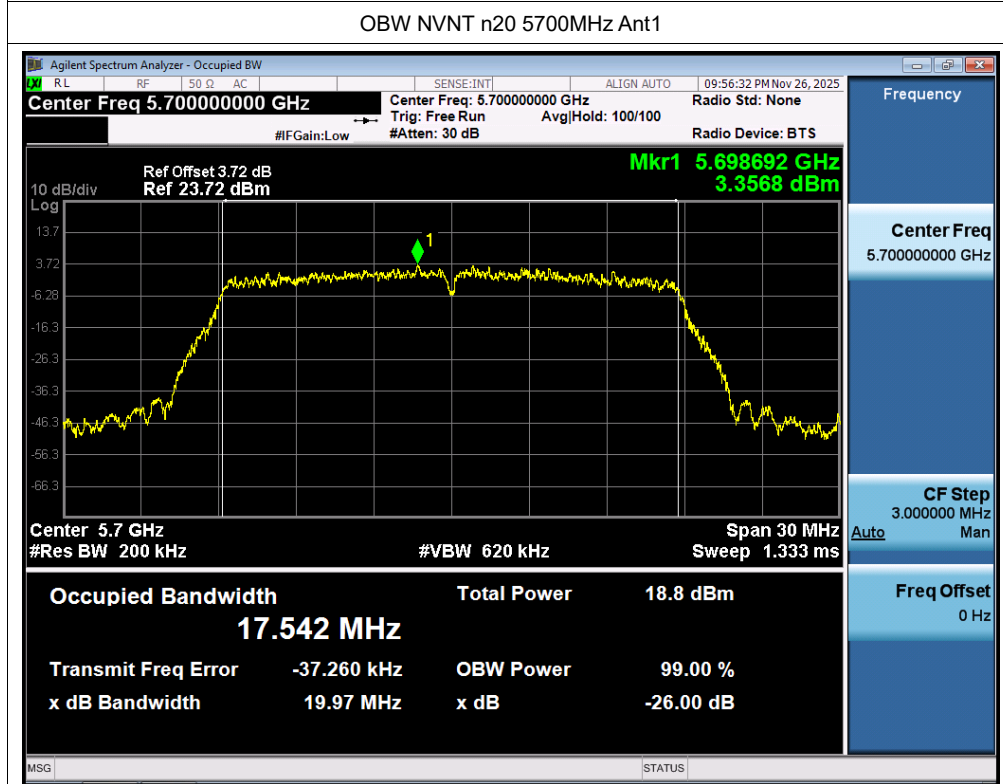
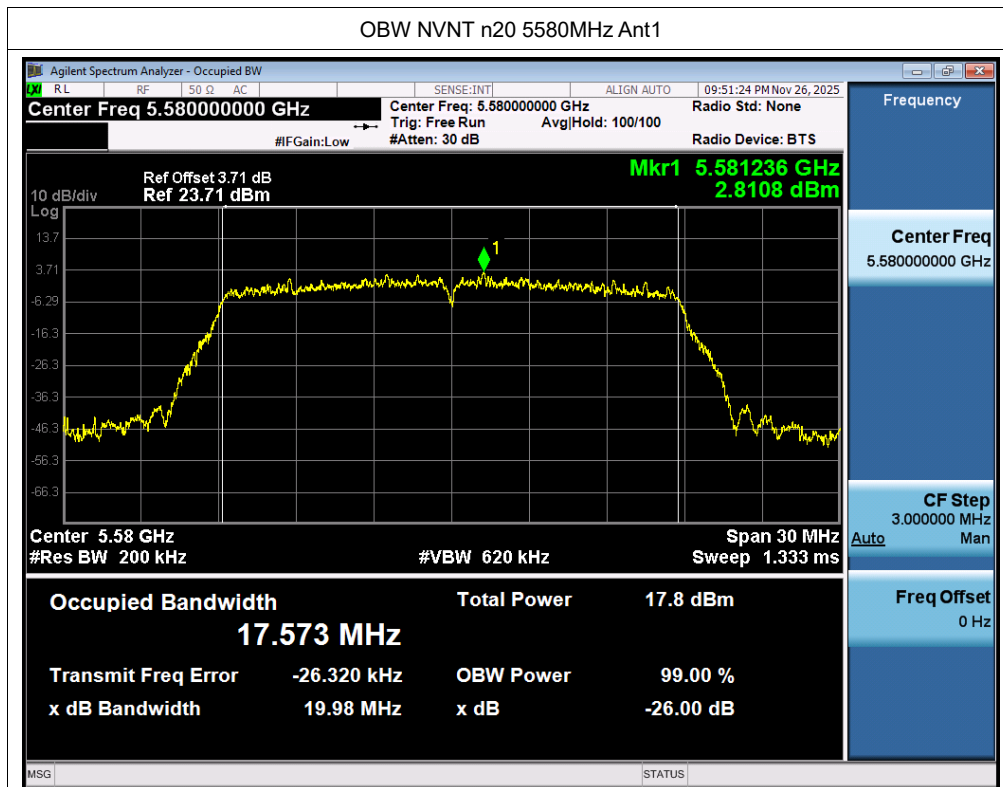


OBW NVNT a 5700MHz Ant1

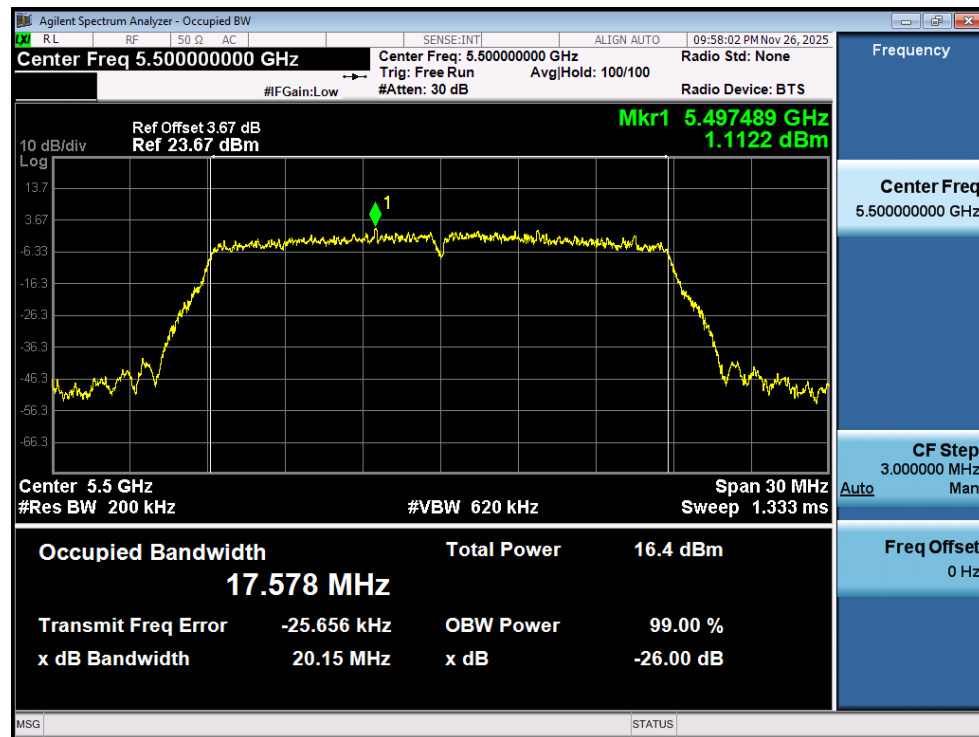


OBW NVNT n20 5500MHz Ant1

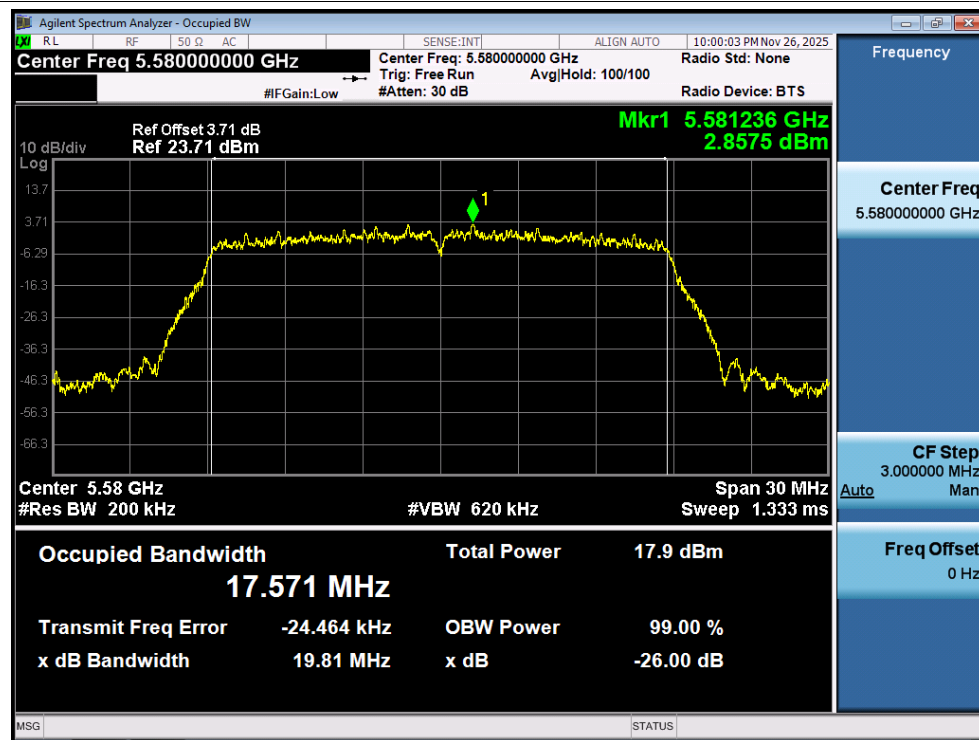


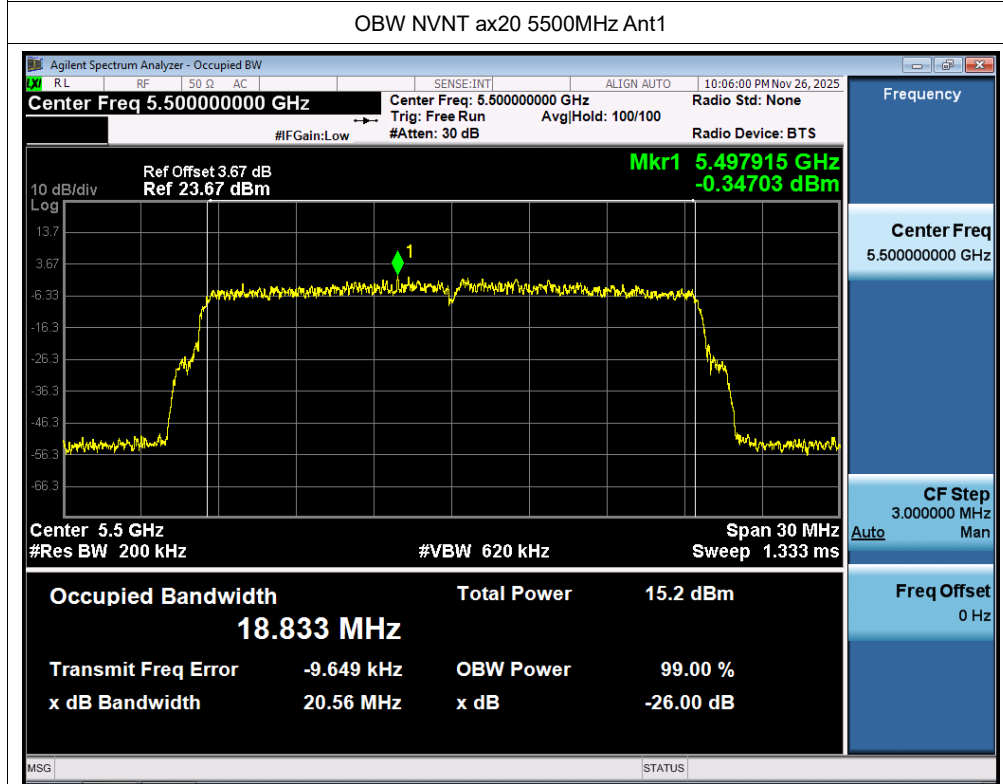
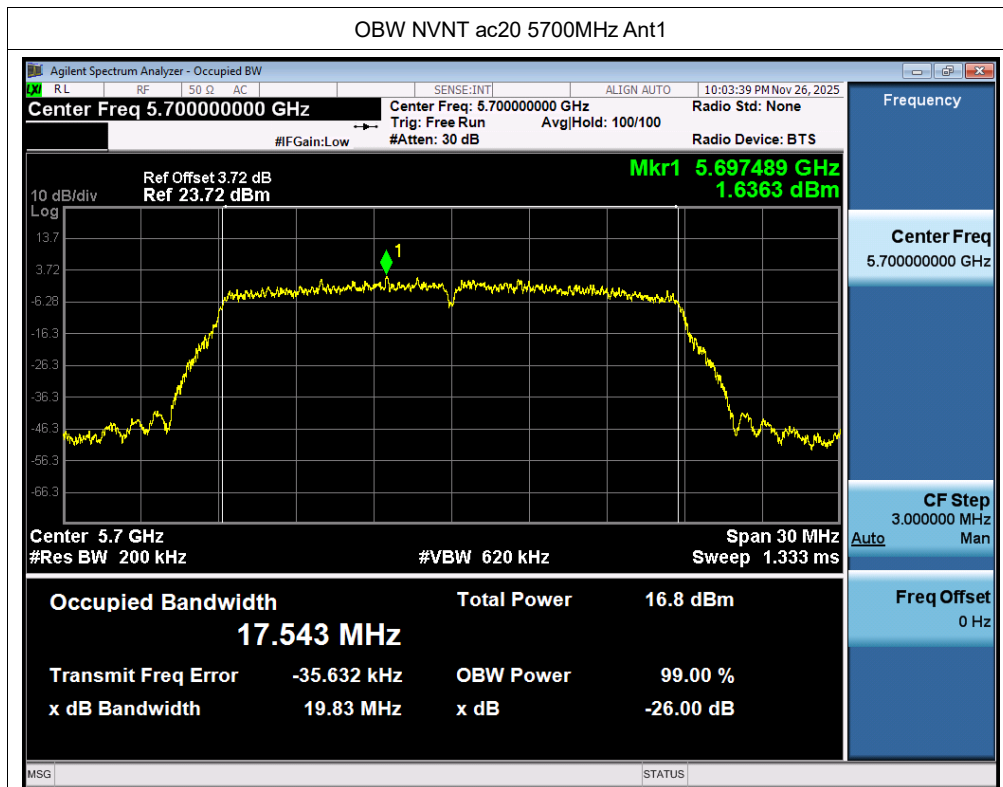


OBW NVNT ac20 5500MHz Ant1

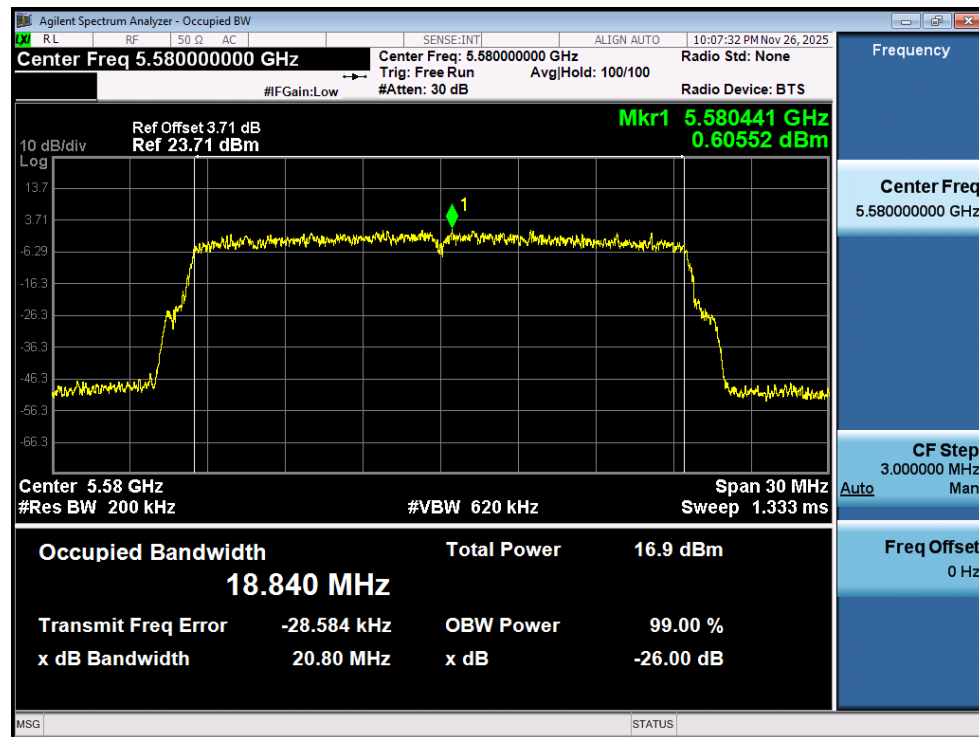


OBW NVNT ac20 5580MHz Ant1

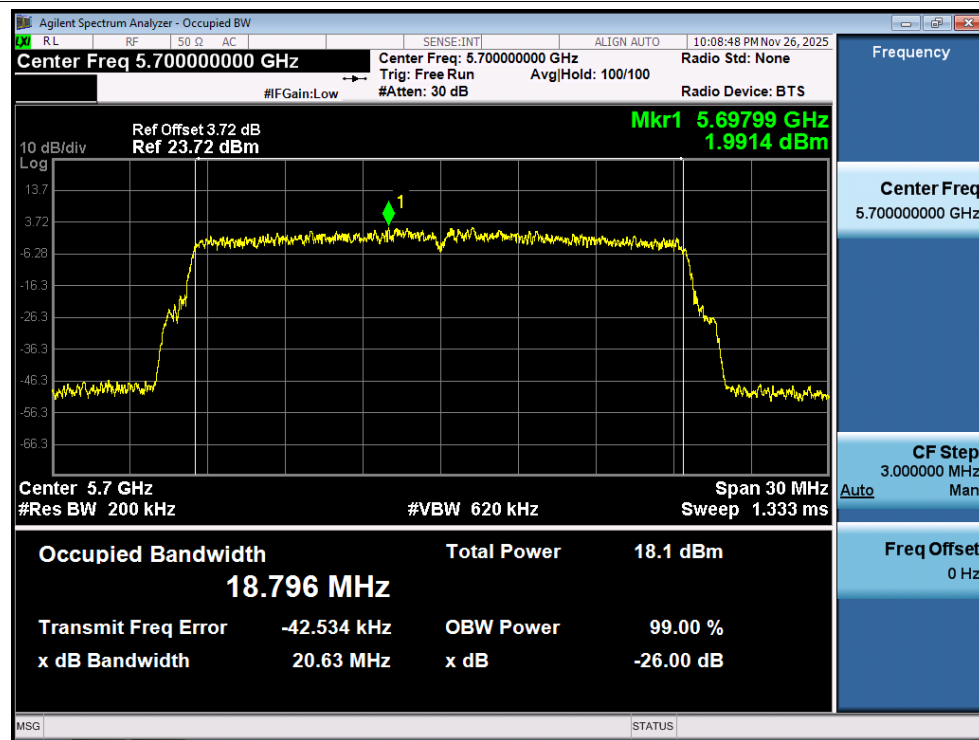




OBW NVNT ax20 5580MHz Ant1



OBW NVNT ax20 5700MHz Ant1



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Antenna Gain(dBi)	EIRP PSD (dBm)	EIRP Limit (dBm)	Verdict
NVNT	a	5500	Ant1	3.02	3.42	6.44	11	Pass
NVNT	a	5580	Ant1	4.21	3.42	7.63	11	Pass
NVNT	a	5700	Ant1	2.85	3.42	6.27	11	Pass
NVNT	n20	5500	Ant1	1.85	3.42	5.27	11	Pass
NVNT	n20	5580	Ant1	2.41	3.42	5.83	11	Pass
NVNT	n20	5700	Ant1	2.69	3.42	6.11	11	Pass
NVNT	ac20	5500	Ant1	0.84	3.42	4.26	11	Pass
NVNT	ac20	5580	Ant1	2.27	3.42	5.69	11	Pass
NVNT	ac20	5700	Ant1	0.9	3.42	4.32	11	Pass
NVNT	ax20	5500	Ant1	-1.85	3.42	1.57	11	Pass
NVNT	ax20	5580	Ant1	0.56	3.42	3.98	11	Pass
NVNT	ax20	5700	Ant1	1.63	3.42	5.05	11	Pass

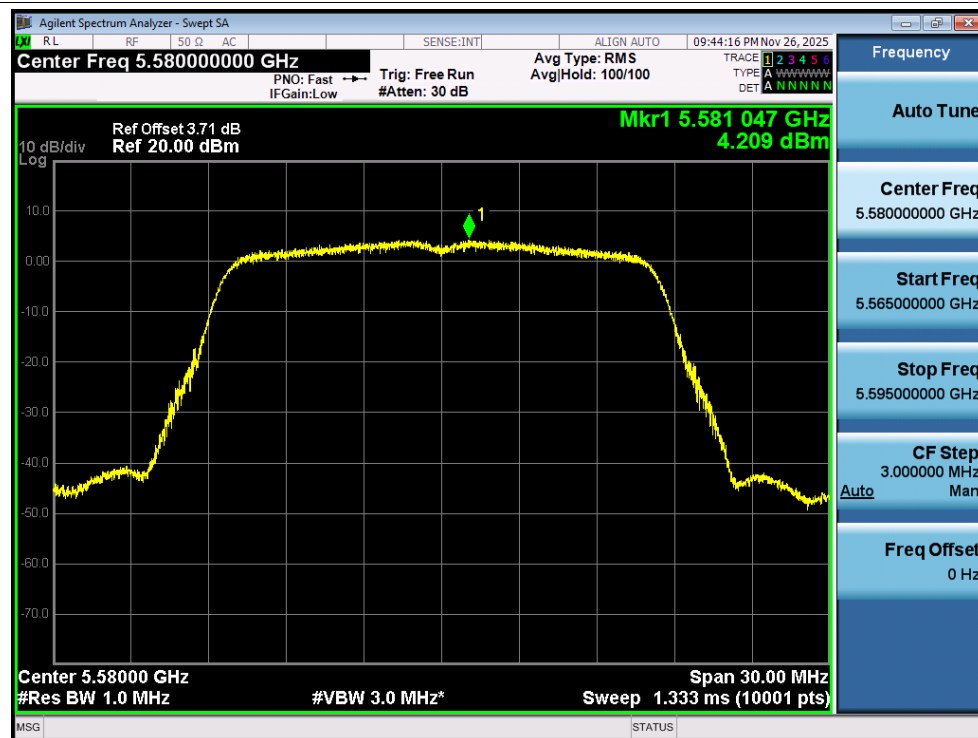
Note: EIRP= Output PSD+Antenna Gain, Antenna Gain=3.42 dBi.

Test Graphs

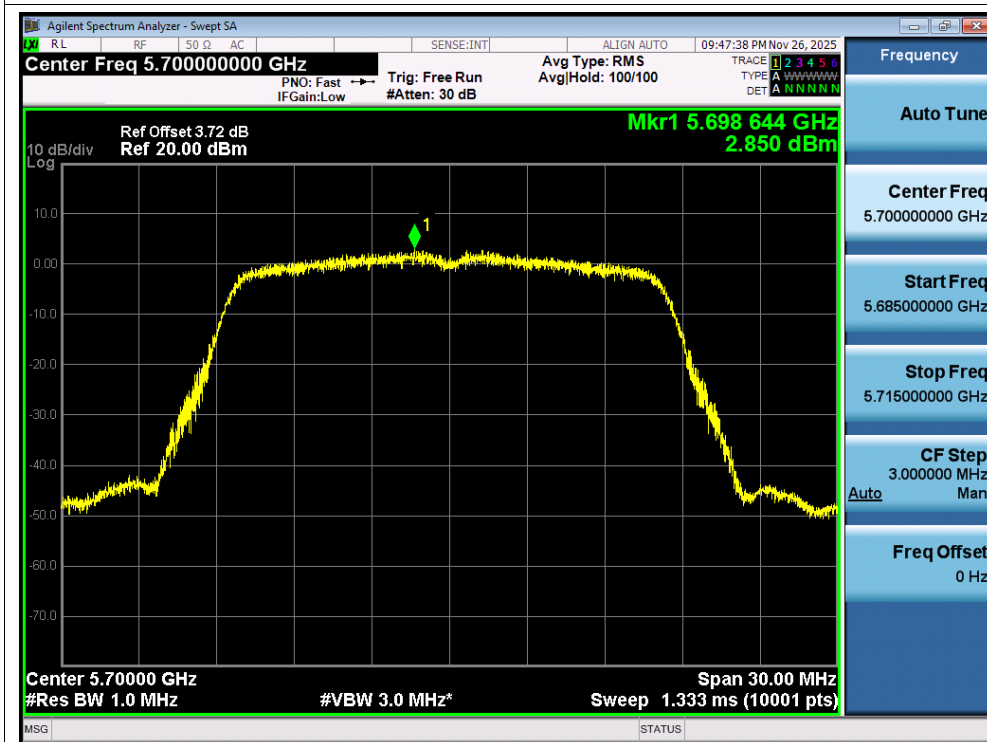
PSD NVNT a 5500MHz Ant1



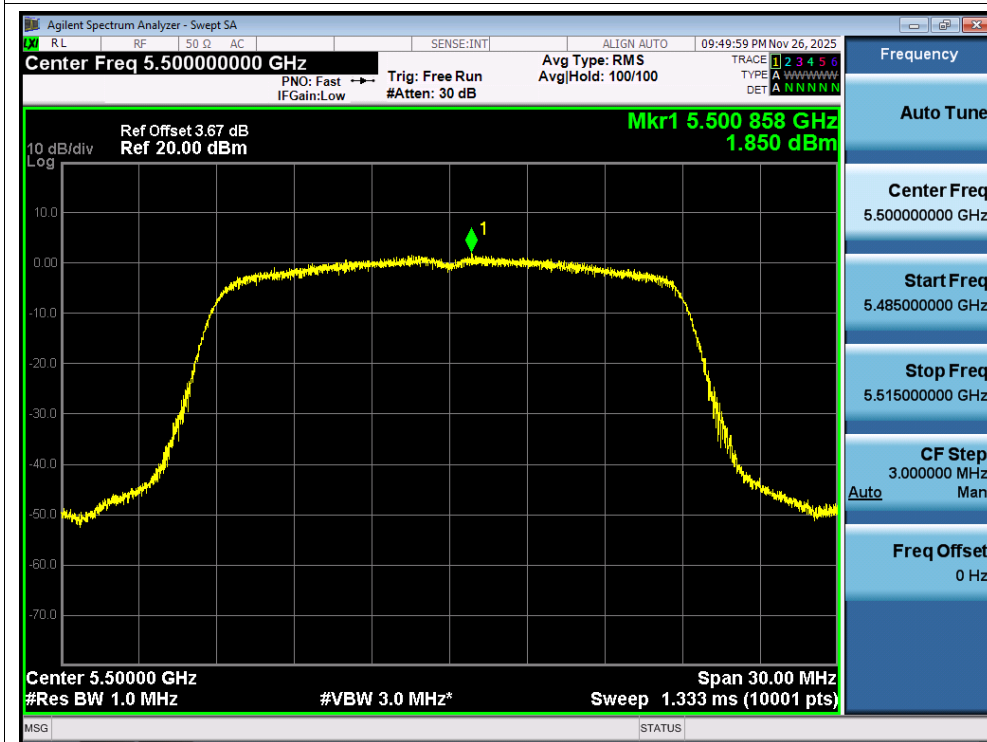
PSD NVNT a 5580MHz Ant1

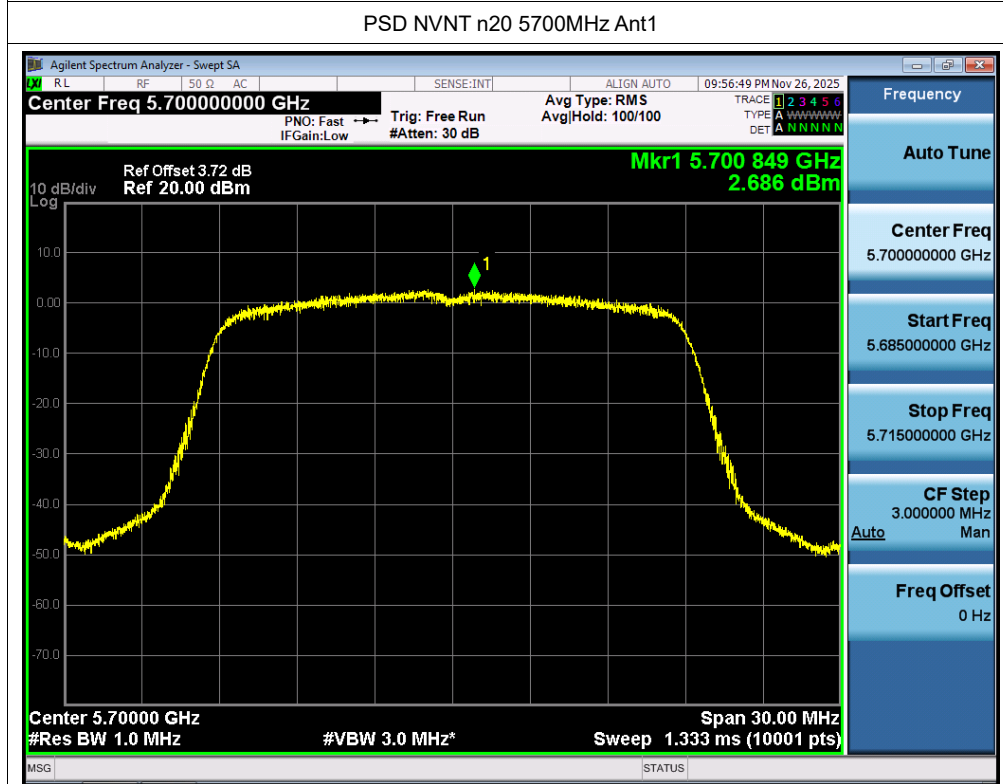
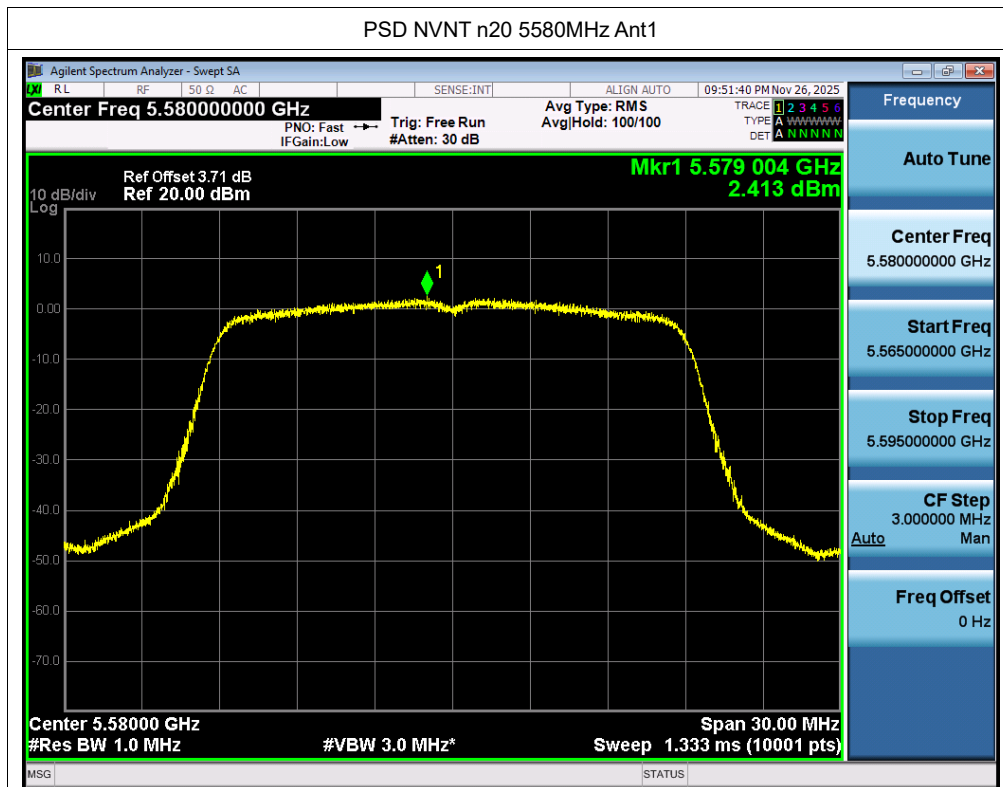


PSD NVNT a 5700MHz Ant1

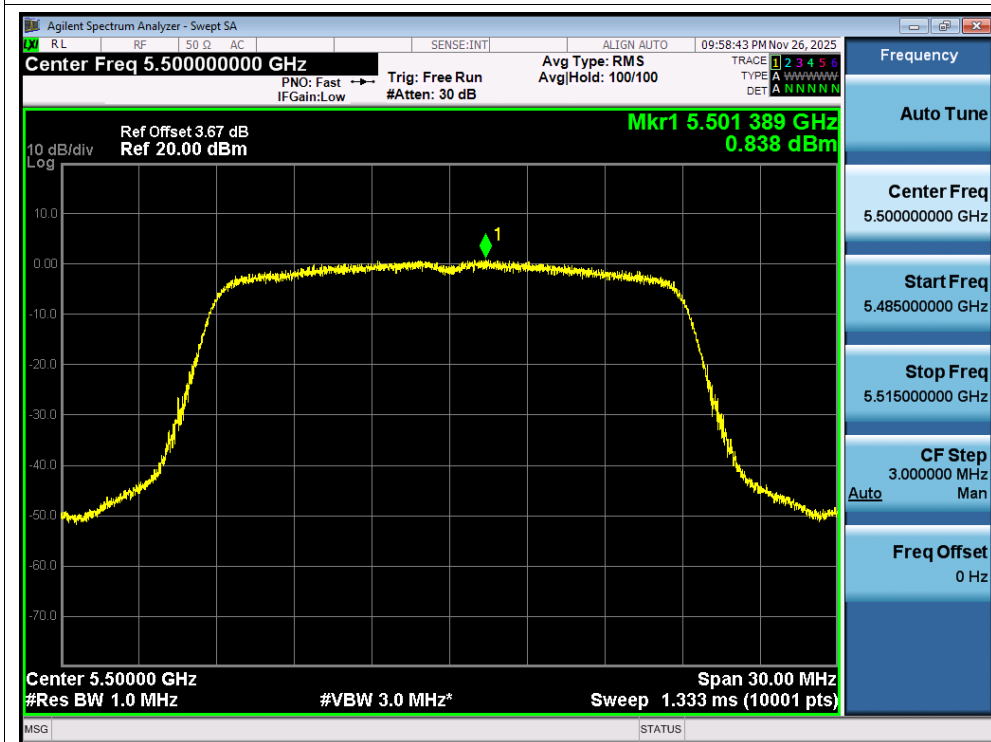


PSD NVNT n20 5500MHz Ant1

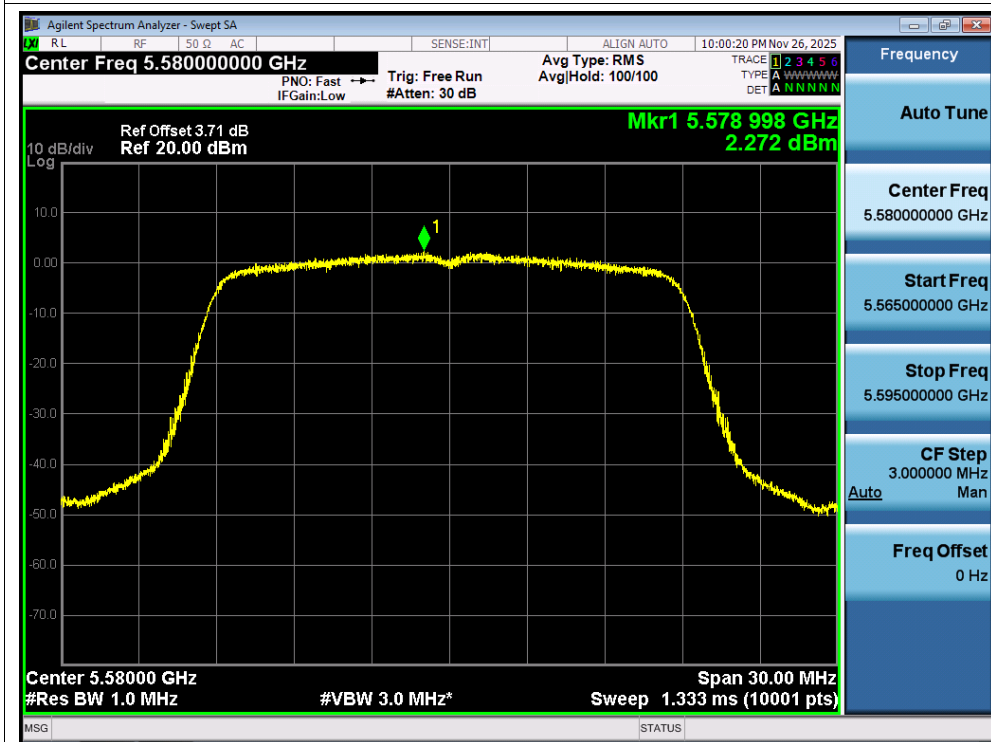




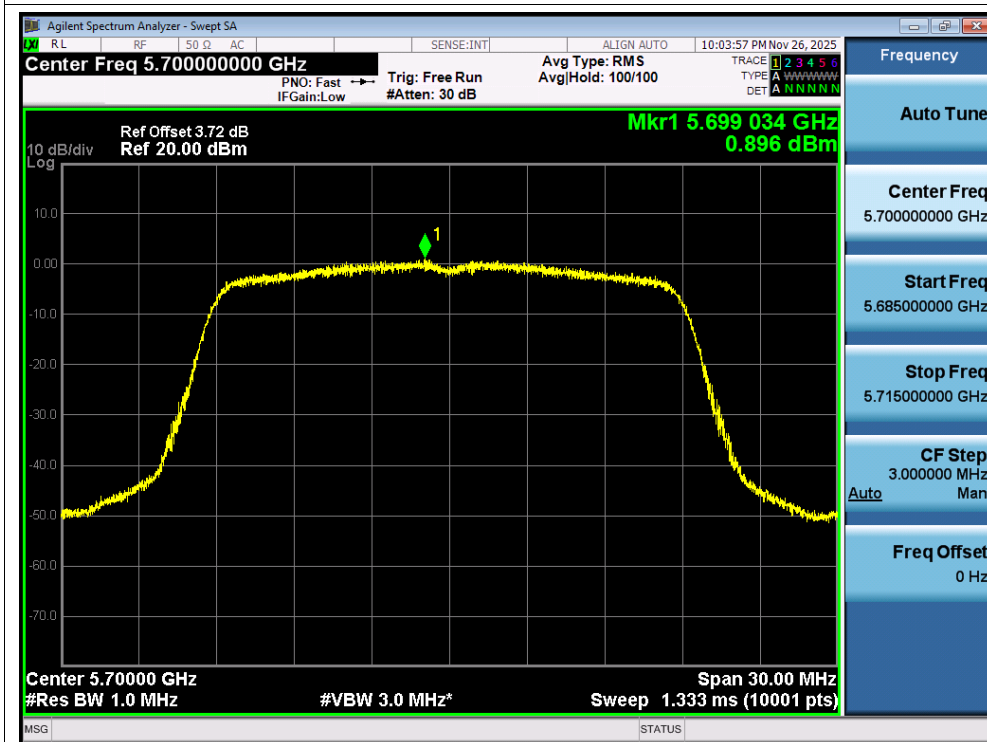
PSD NVNT ac20 5500MHz Ant1



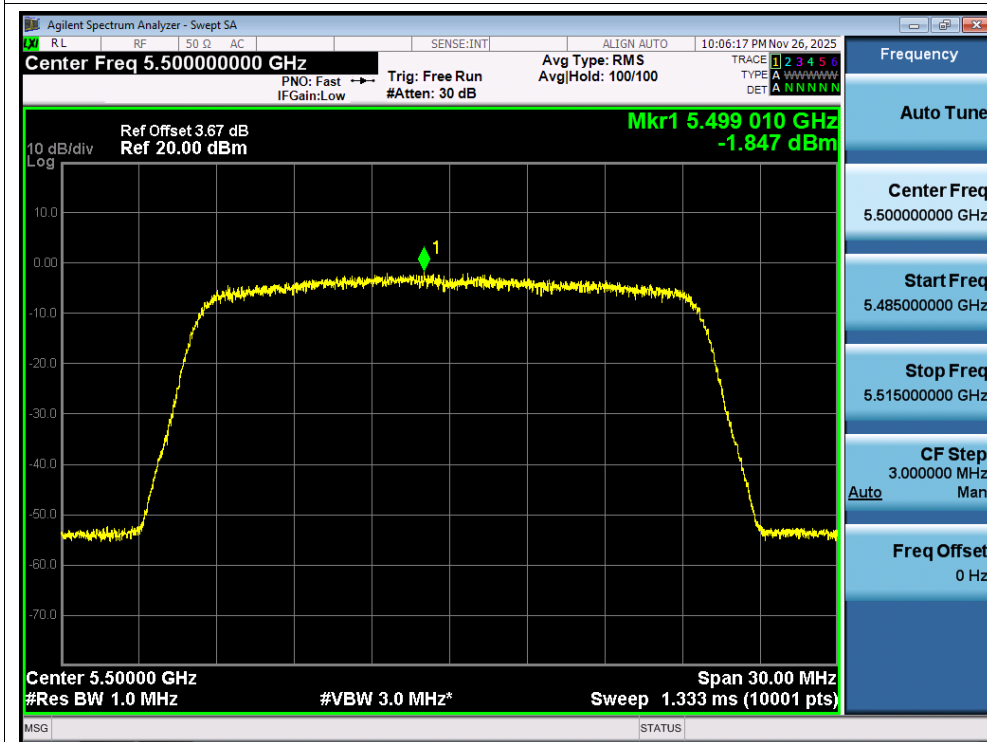
PSD NVNT ac20 5580MHz Ant1



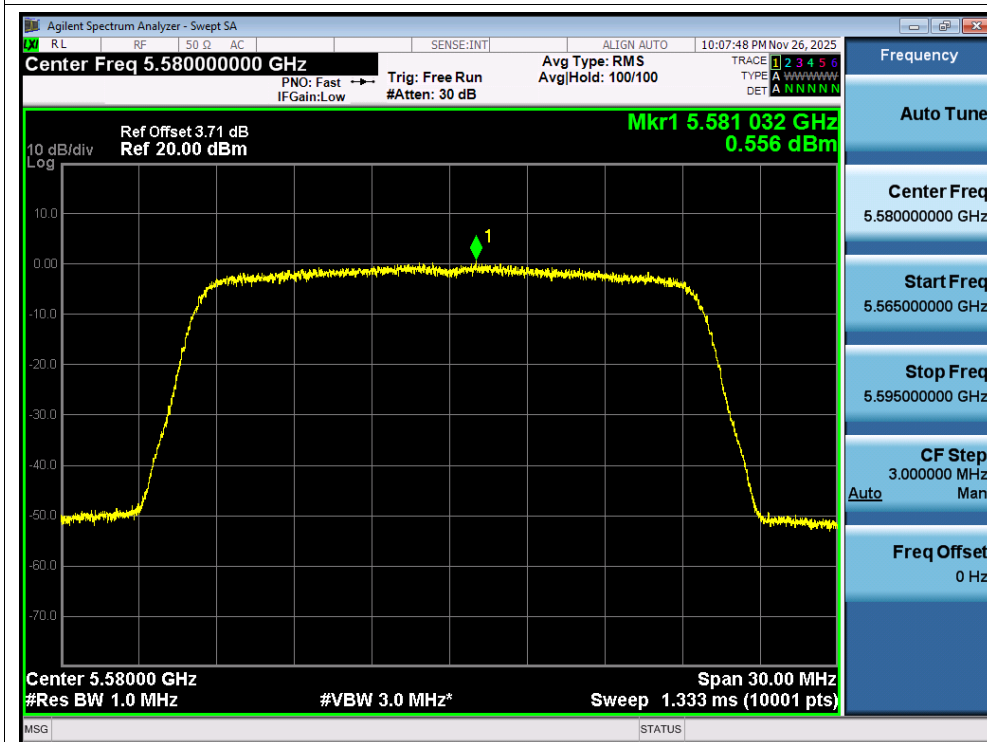
PSD NVNT ac20 5700MHz Ant1



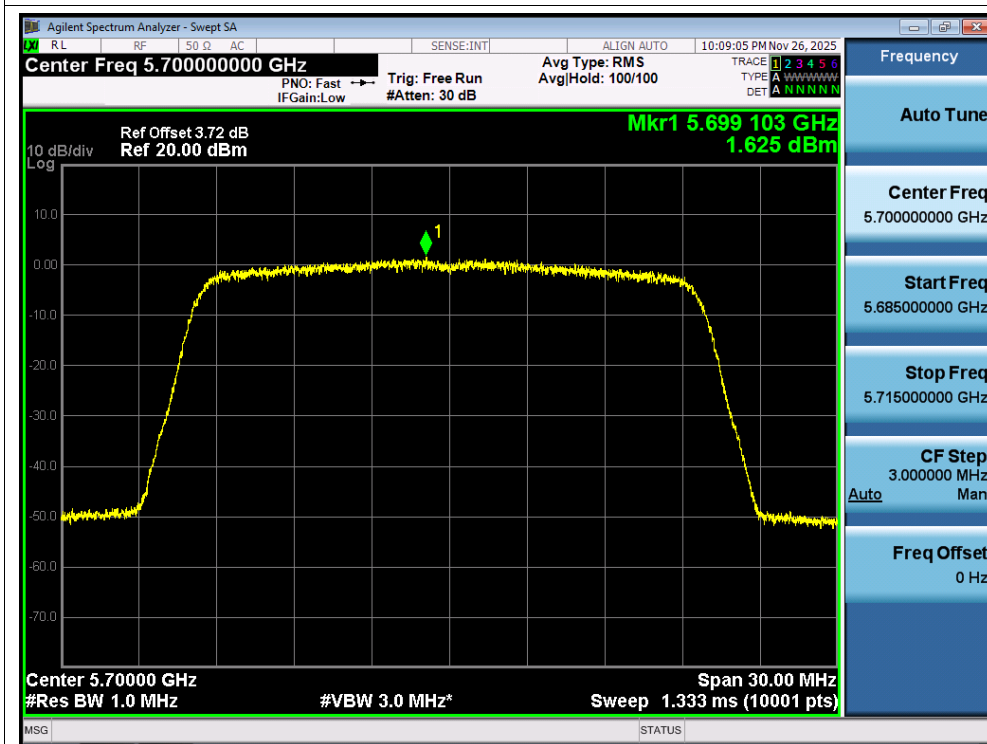
PSD NVNT ax20 5500MHz Ant1



PSD NVNT ax20 5580MHz Ant1



PSD NVNT ax20 5700MHz Ant1

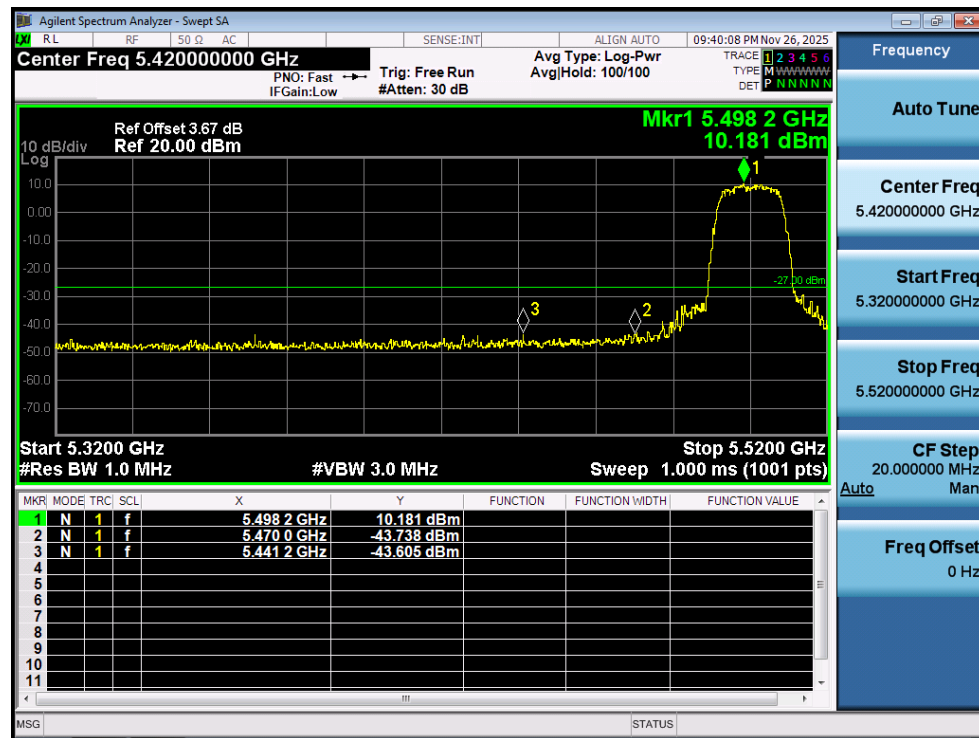


Band Edge

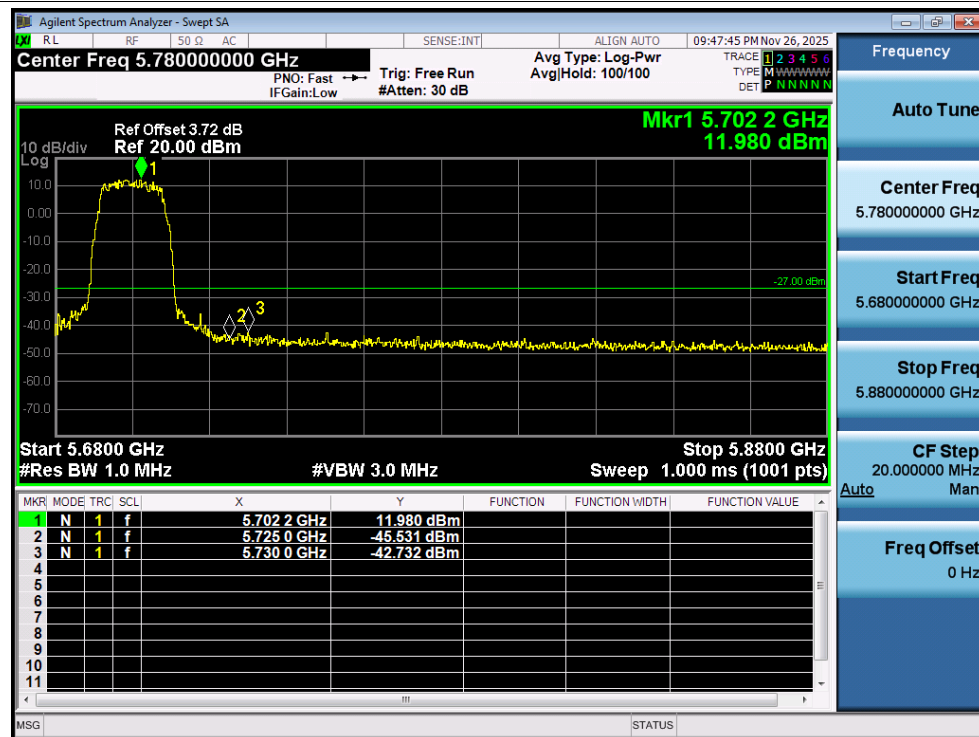
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-43.6	-27	Pass
		5700		-42.73	-27	Pass
	n20	5500		-43.95	-27	Pass
		5700		-43.46	-27	Pass
	ac20	5500		-44.49	-27	Pass
		5700		-43.67	-27	Pass
	ax20	5500		-44.93	-27	Pass
		5700		-42.77	-27	Pass

Test Graphs

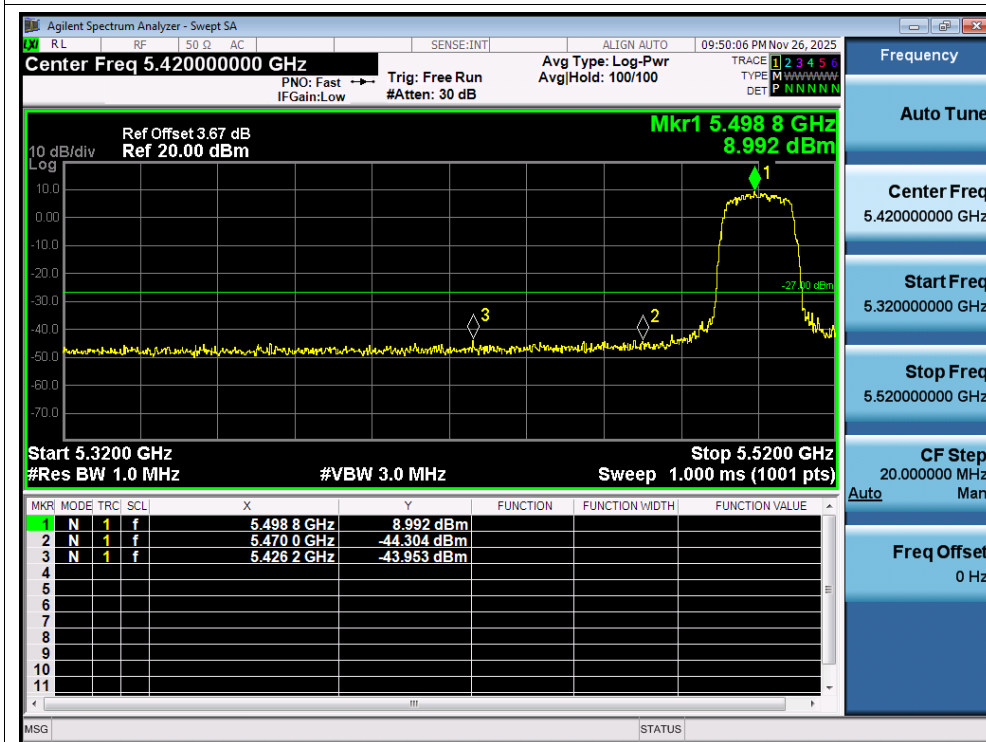
Band Edge NVNT a 5500MHz Low Ant1



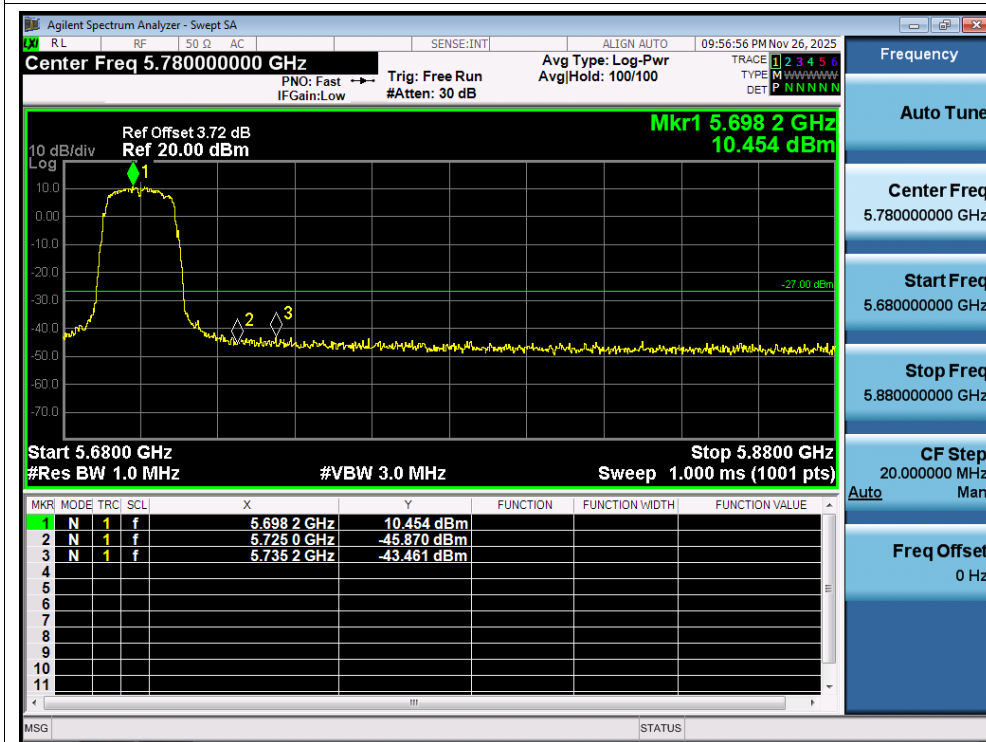
Band Edge NVNT a 5700MHz High Ant1



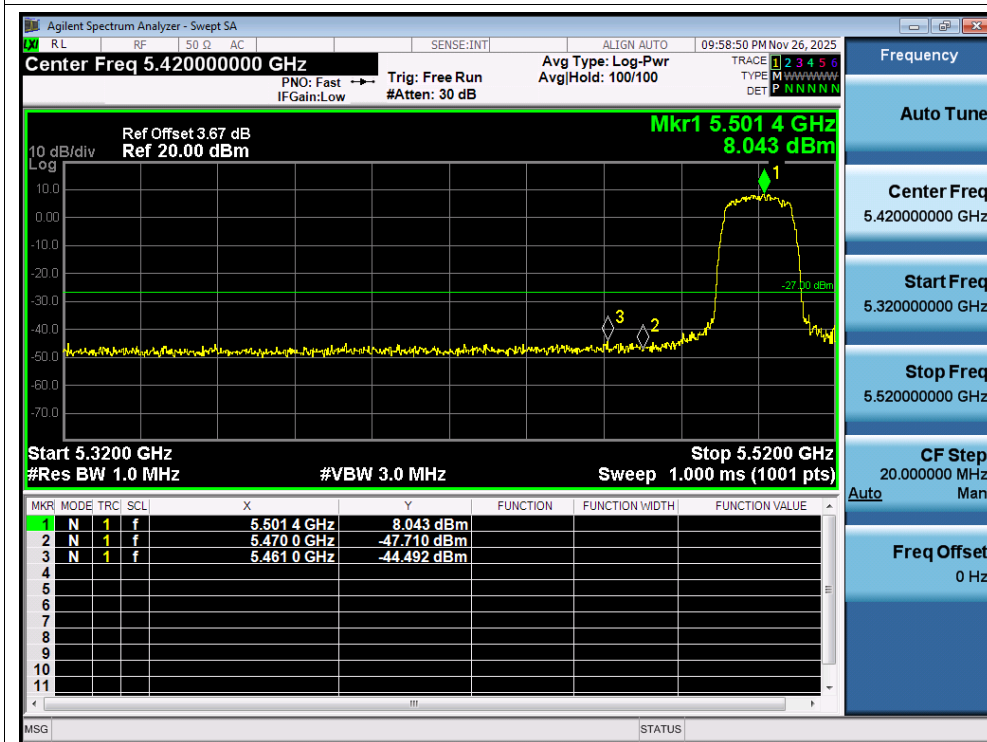
Band Edge NVNT n20 5500MHz Low Ant1



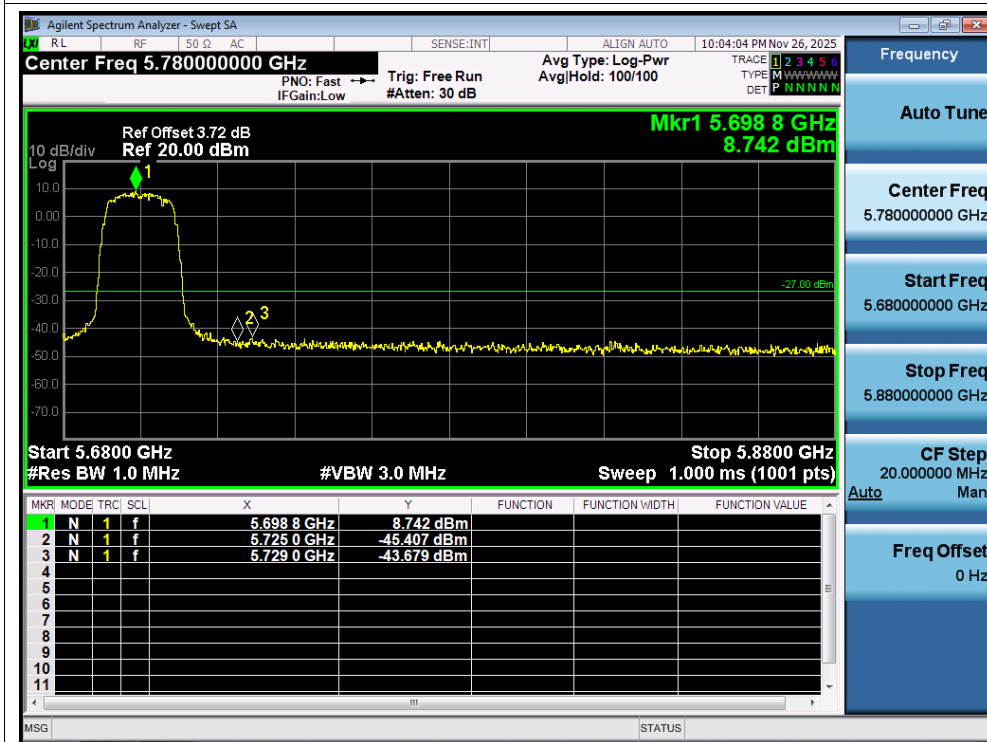
Band Edge NVNT n20 5700MHz High Ant1



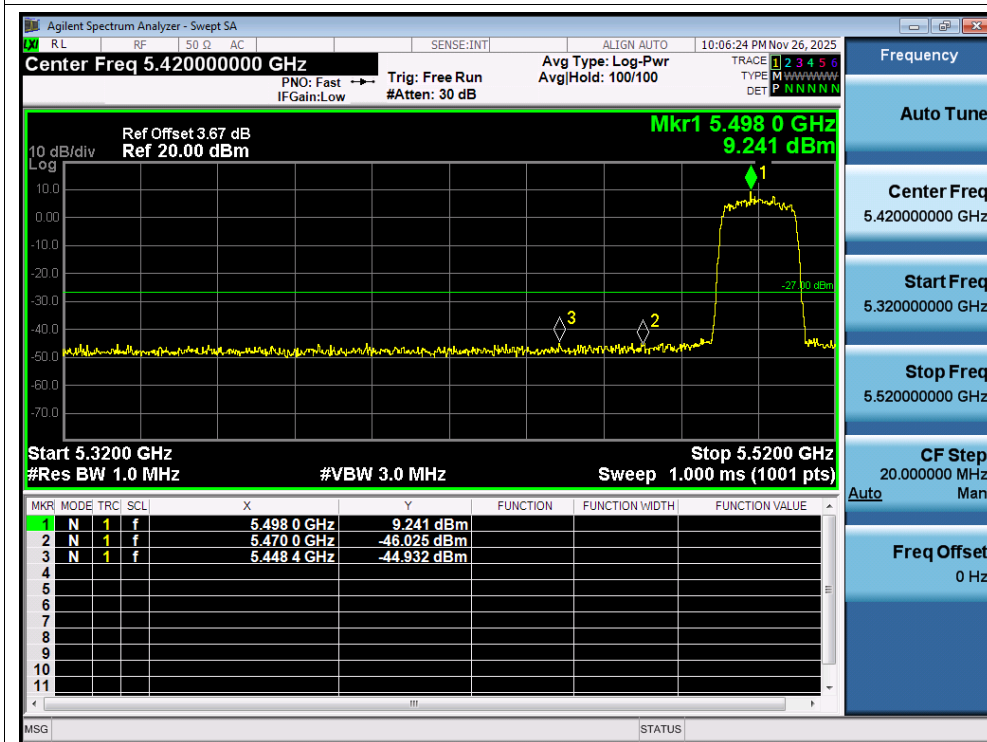
Band Edge NVNT ac20 5500MHz Low Ant1



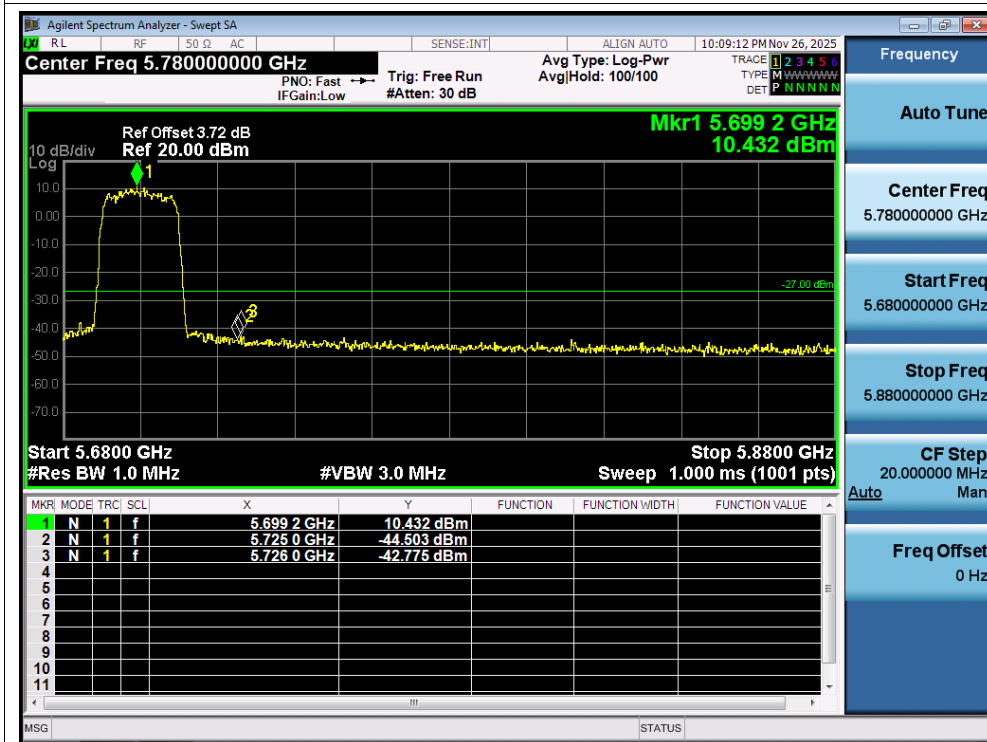
Band Edge NVNT ac20 5700MHz High Ant1



Band Edge NVNT ax20 5500MHz Low Ant1



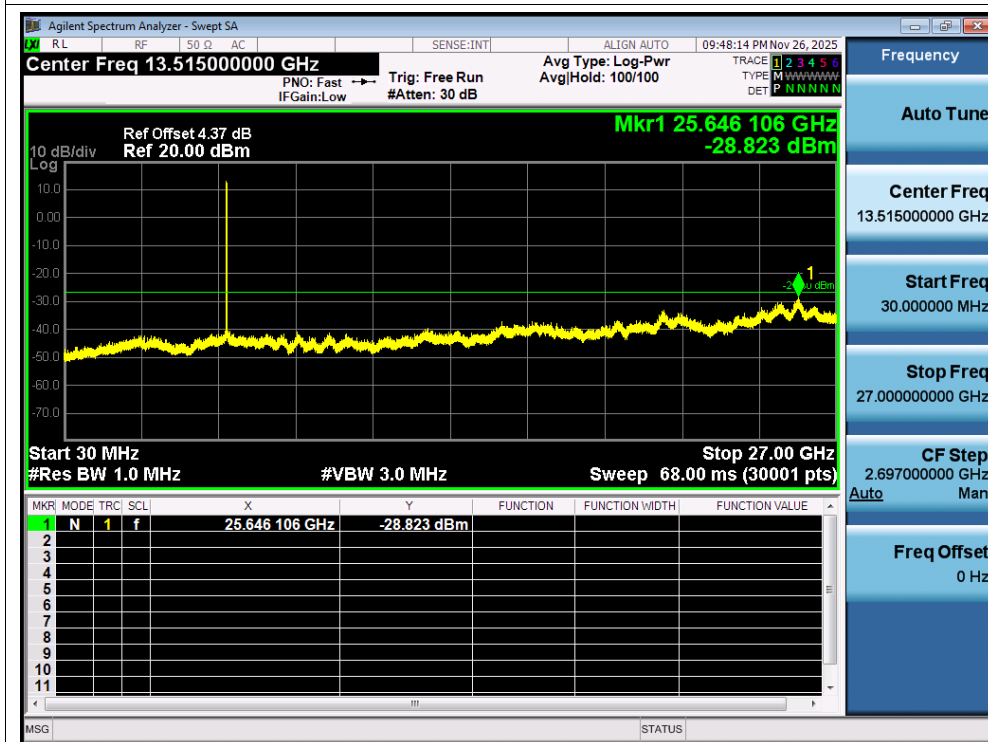
Band Edge NVNT ax20 5700MHz High Ant1



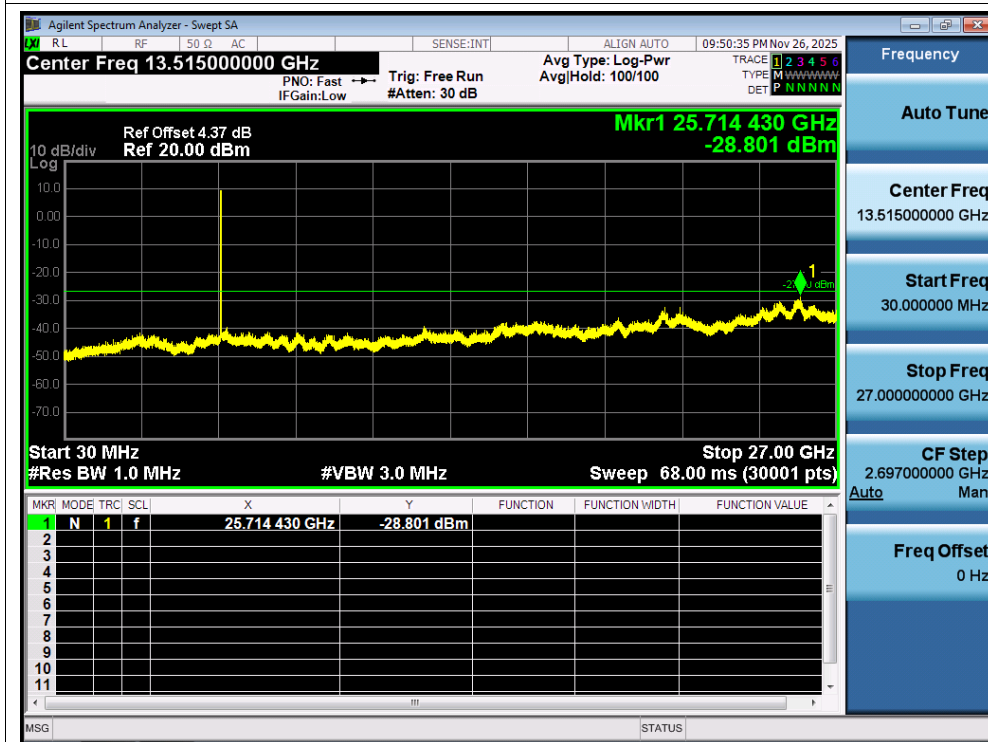
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-29.47	-27	Pass
		5580		-29.23	-27	Pass
		5700		-28.82	-27	Pass
	n20	5500		-28.8	-27	Pass
		5580		-29.55	-27	Pass
		5700		-28.97	-27	Pass
	ac20	5500		-28.38	-27	Pass
		5580		-29.3	-27	Pass
		5700		-29.68	-27	Pass
	ax20	5500		-28.79	-27	Pass
		5580		-28.8	-27	Pass
		5700		-29.34	-27	Pass

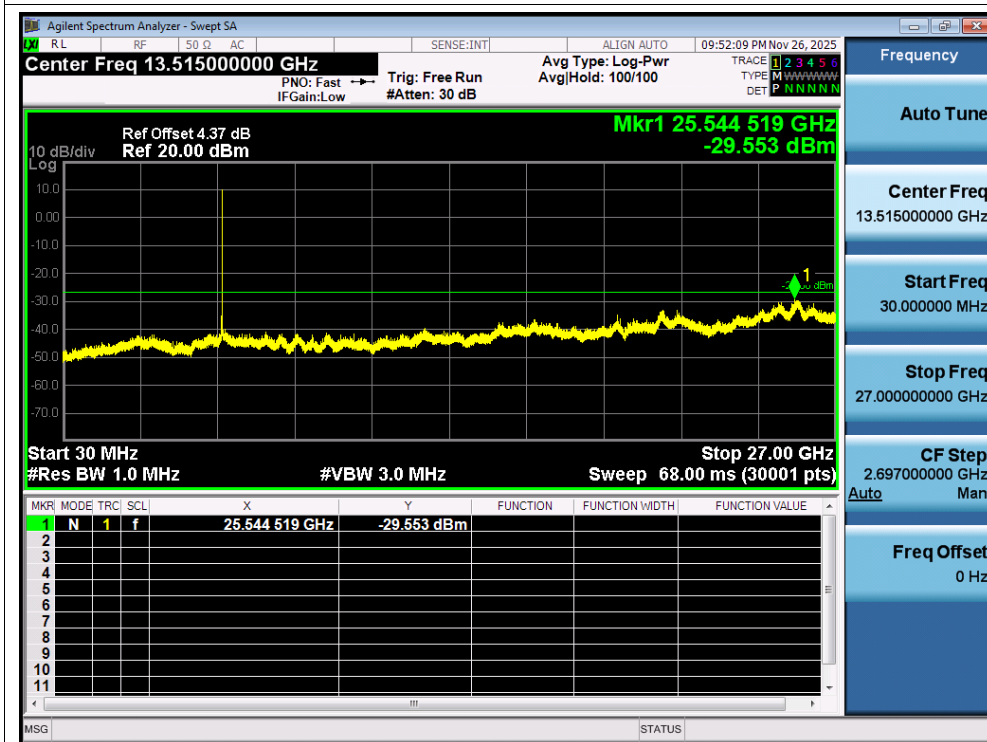
Tx. Spurious NVNT a 5700MHz Ant1 Emission



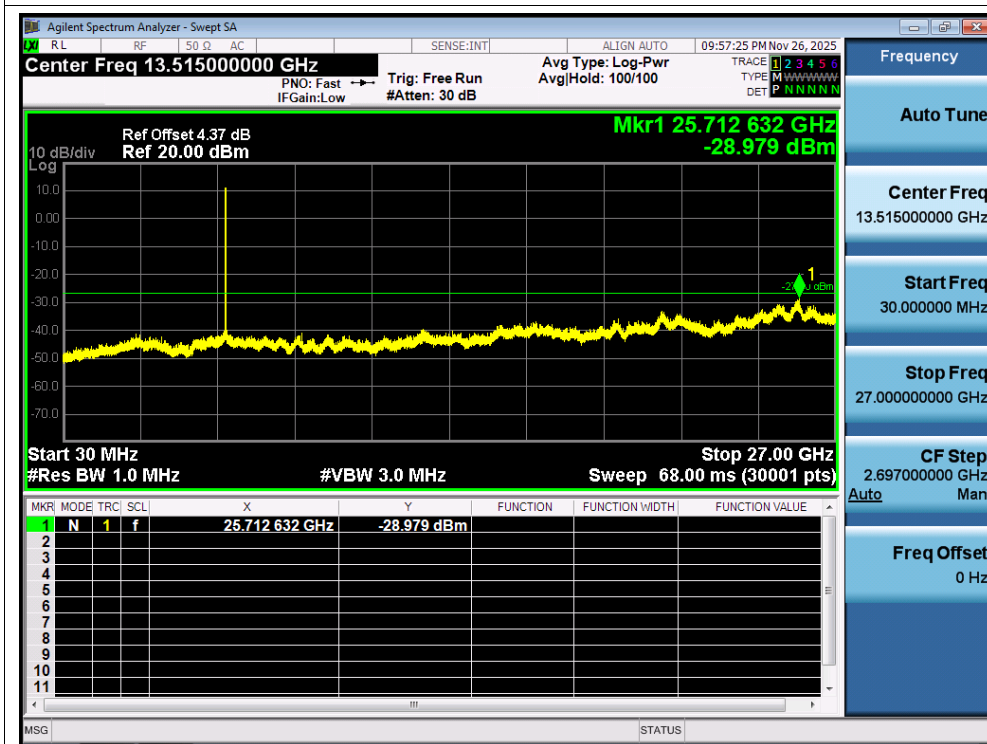
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



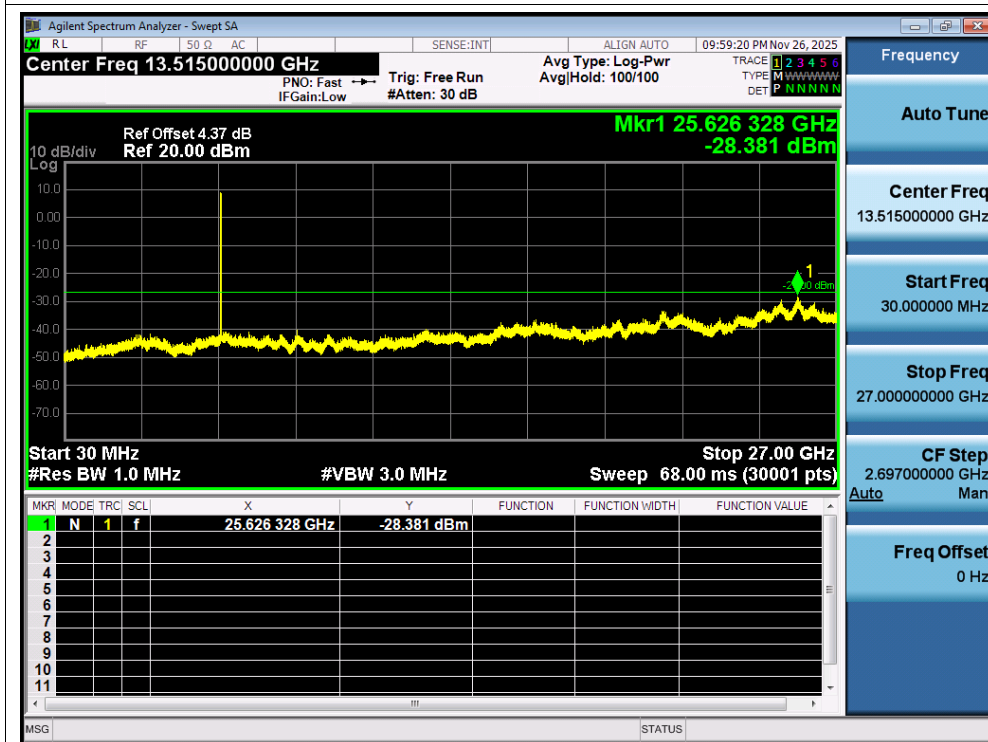
Tx. Spurious NVNT n20 5580MHz Ant1 Emission



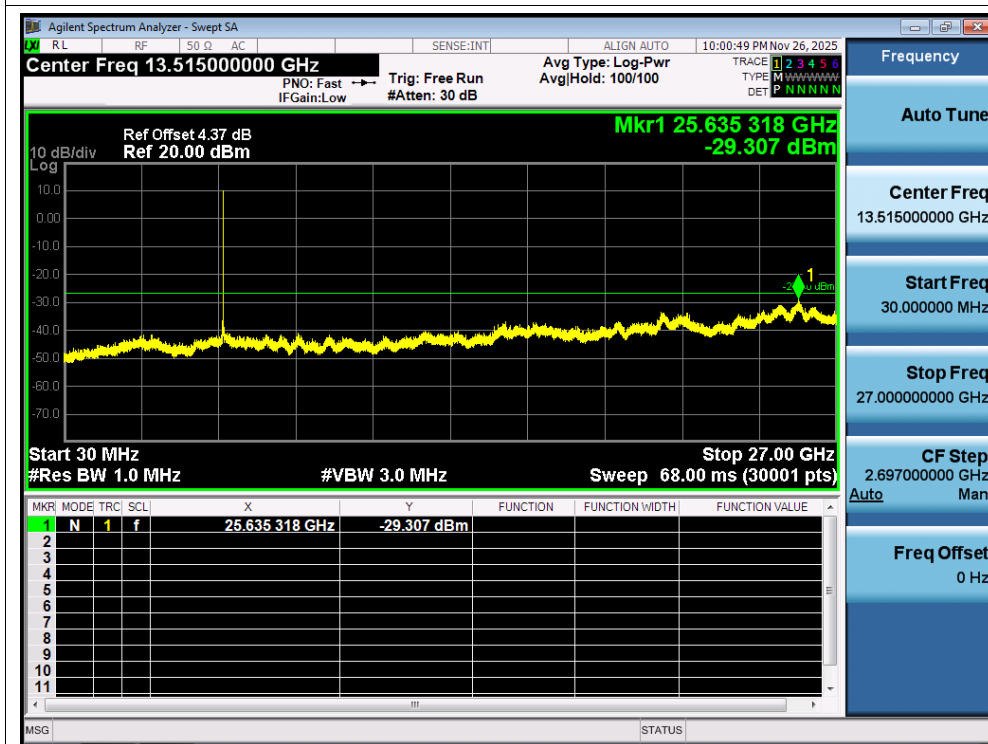
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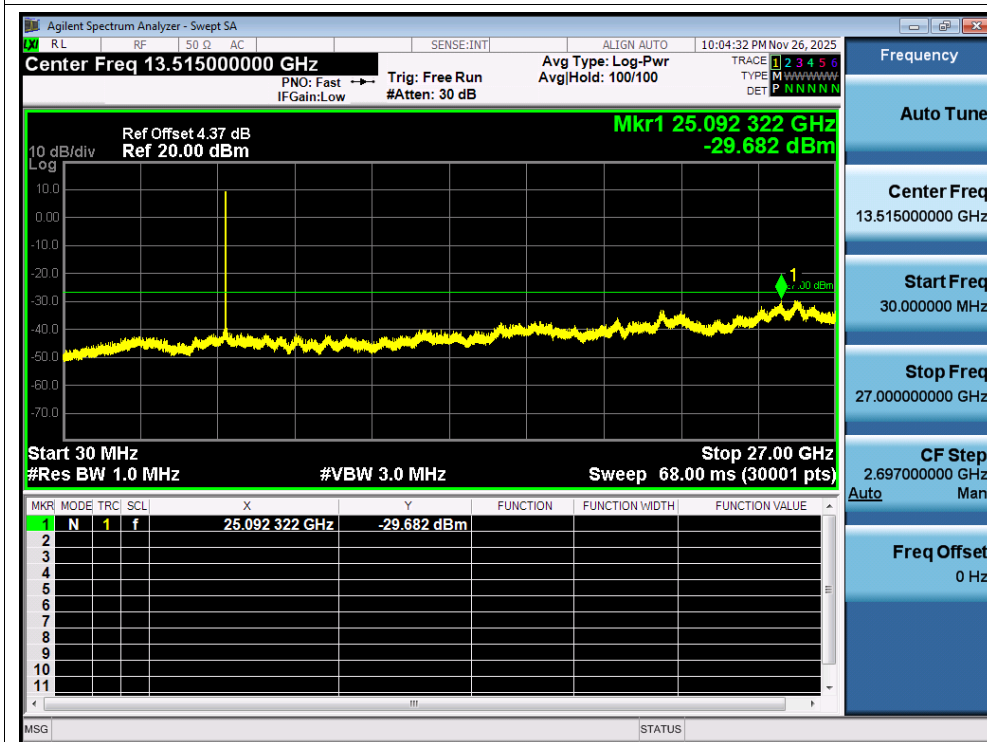
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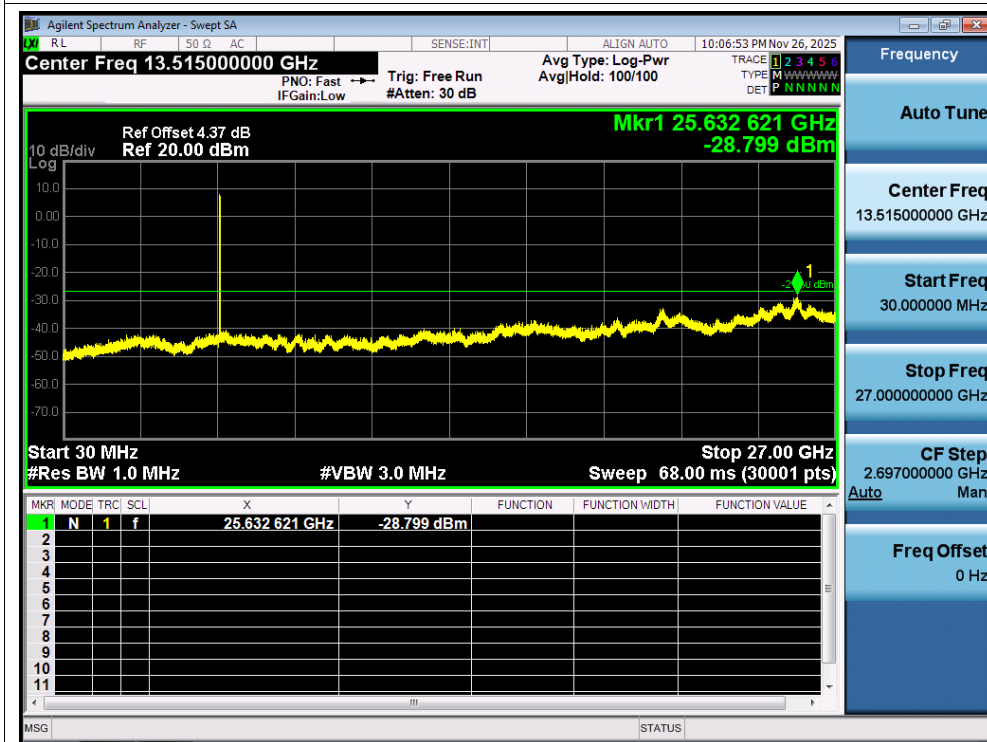
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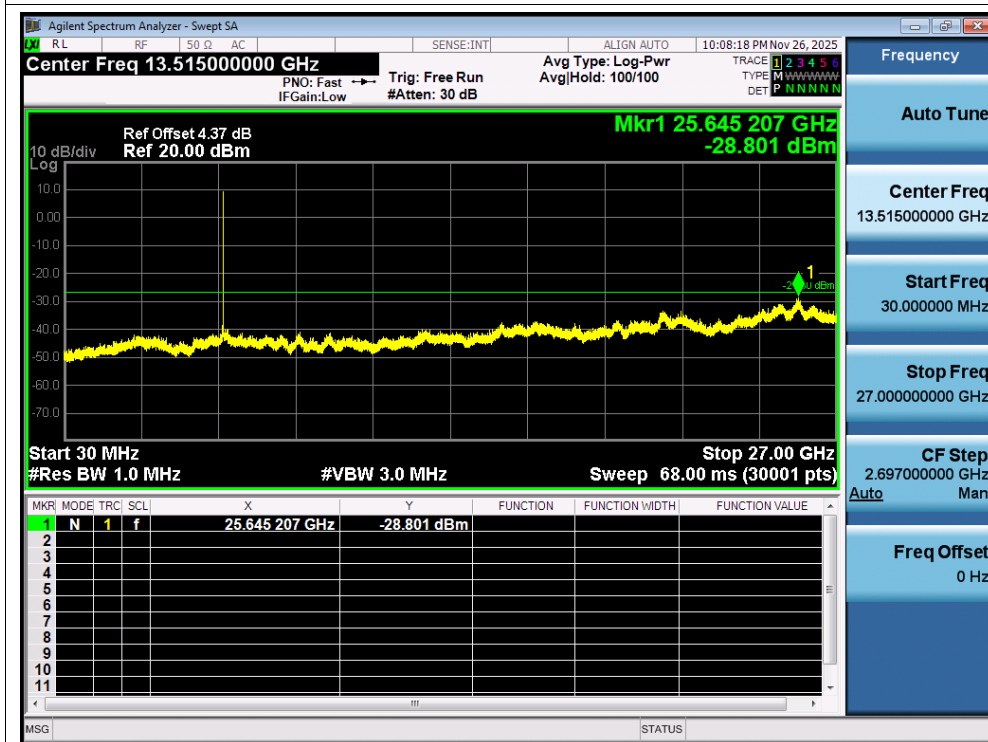
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



Tx. Spurious NVNT ax20 5580MHz Ant1 Emission



Tx. Spurious NVNT ax20 5700MHz Ant1 Emission

