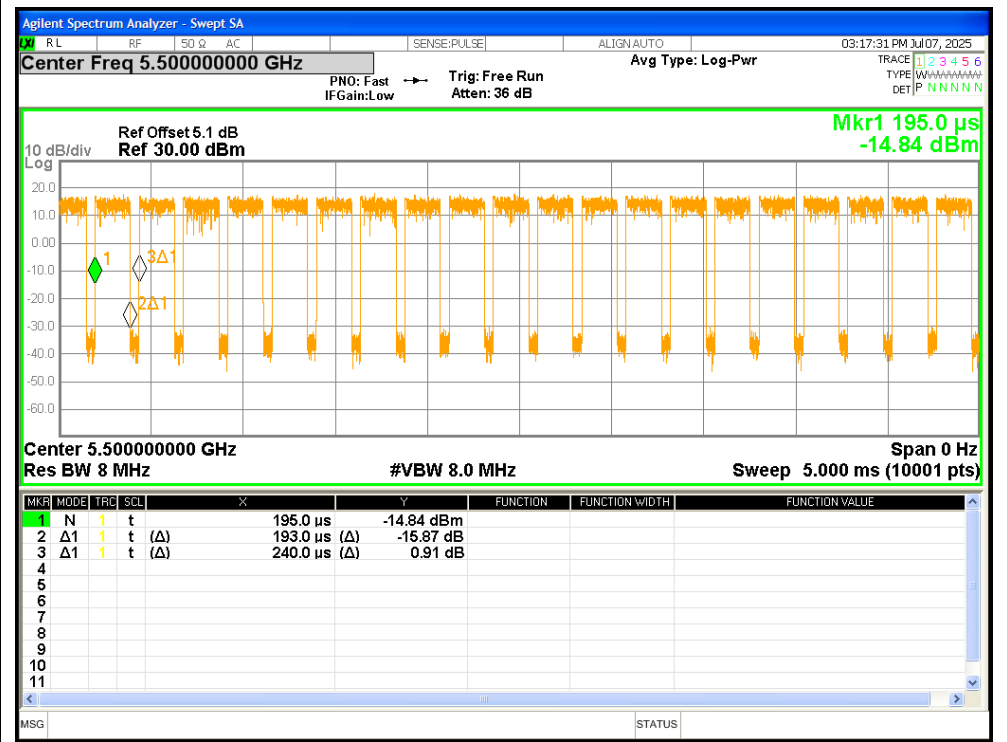


Duty Cycle

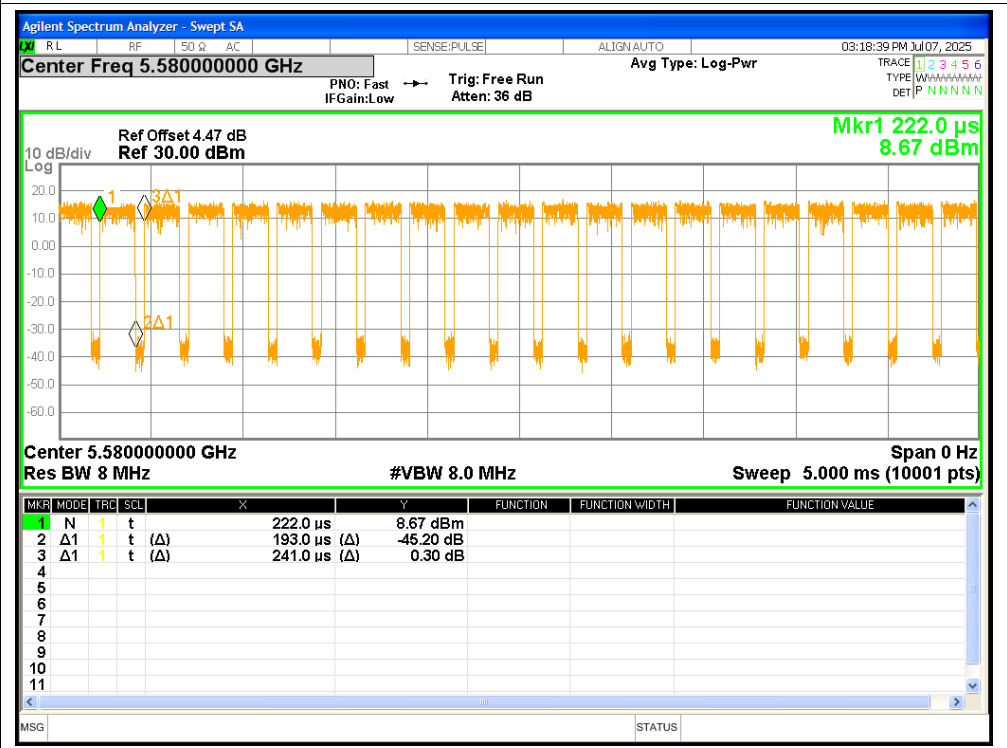
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	0.193	0.24	80.42	0.95	5.19
NVNT	a	5580	0.193	0.241	80.08	0.96	5.19
NVNT	a	5700	0.192	0.241	79.67	0.99	5.19
NVNT	n20	5500	0.212	0.26	81.54	0.89	4.71
NVNT	n20	5580	0.212	0.26	81.54	0.89	4.71
NVNT	n20	5700	0.212	0.26	81.54	0.89	4.71
NVNT	n40	5510	0.2	0.249	80.32	0.95	4.99
NVNT	n40	5550	0.2	0.247	80.97	0.92	4.99
NVNT	n40	5670	0.2	0.248	80.65	0.93	4.99
NVNT	ac20	5500	0.204	0.251	81.27	0.9	4.89
NVNT	ac20	5580	0.204	0.252	80.95	0.92	4.89
NVNT	ac20	5700	0.205	0.253	81.03	0.91	4.89
NVNT	ac40	5510	0.185	0.233	79.4	1	5.42
NVNT	ac40	5550	0.185	0.232	79.74	0.98	5.42
NVNT	ac40	5670	0.184	0.233	78.97	1.03	5.42
NVNT	ac80	5530	0.176	0.226	77.88	1.09	5.67
NVNT	ac80	5610	0.176	0.224	78.57	1.05	5.68

Test Graphs

Duty Cycle NVNT a 5500MHz



Duty Cycle NVNT a 5580MHz



Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.70000000 GHz

Ref Offset 4.3 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 81.00 μ s
-24.83 dBm

Center 5.70000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Span 0 Hz
Sweep 5.000 ms (10001 pts)

MKS	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	81.00 μ s	-24.83 dBm			
2	Δ 1	1	t	(Δ)	192.0 μ s (Δ)			37.83 dB
3	Δ 1	1	t	(Δ)	241.0 μ s (Δ)			40.61 dB

[illegible]

Duty Cycle NVNT n20 5580MHz

Duty Cycle NVNT n40 5510MHz

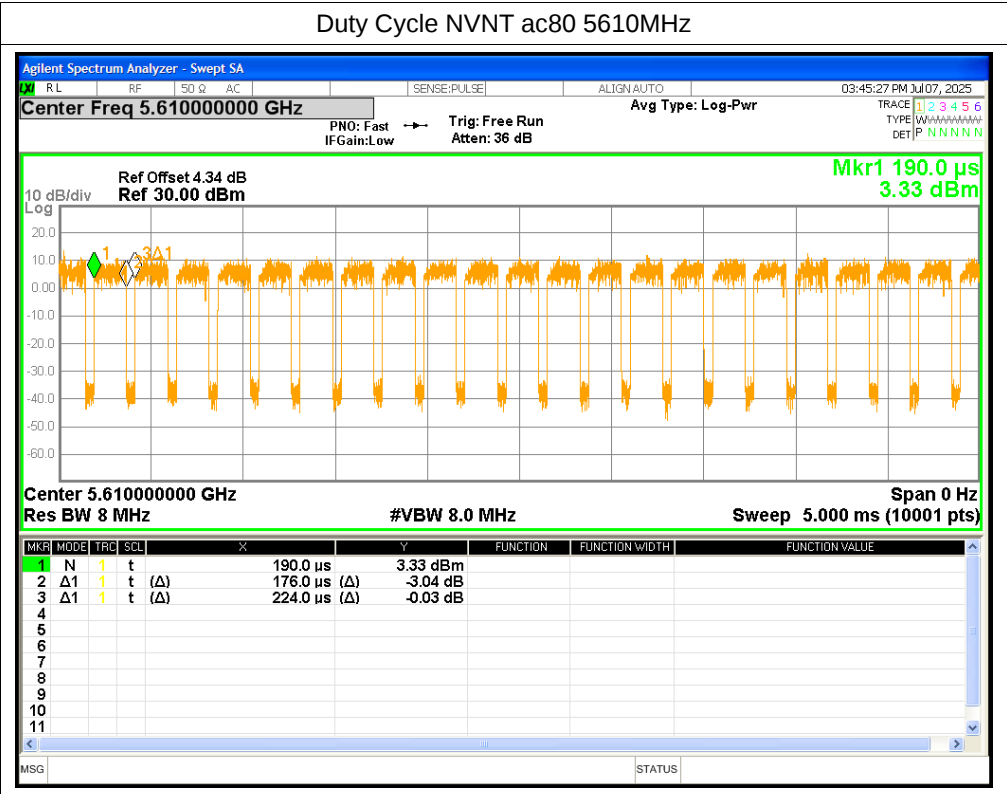
Duty Cycle NVNT n40 5670MHz

Mkr	Mode	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	219.0 μ s	7.51 dBm			
2	Δ 1	1	t	(Δ)	200.0 μ s (Δ)			-25.82 dB
3	Δ 1	1	t	(Δ)	248.0 μ s (Δ)			0.23 dB

[illegible]

Duty Cycle NVNT ac20 5580MHz

Duty Cycle NVNT ac40 5510MHz

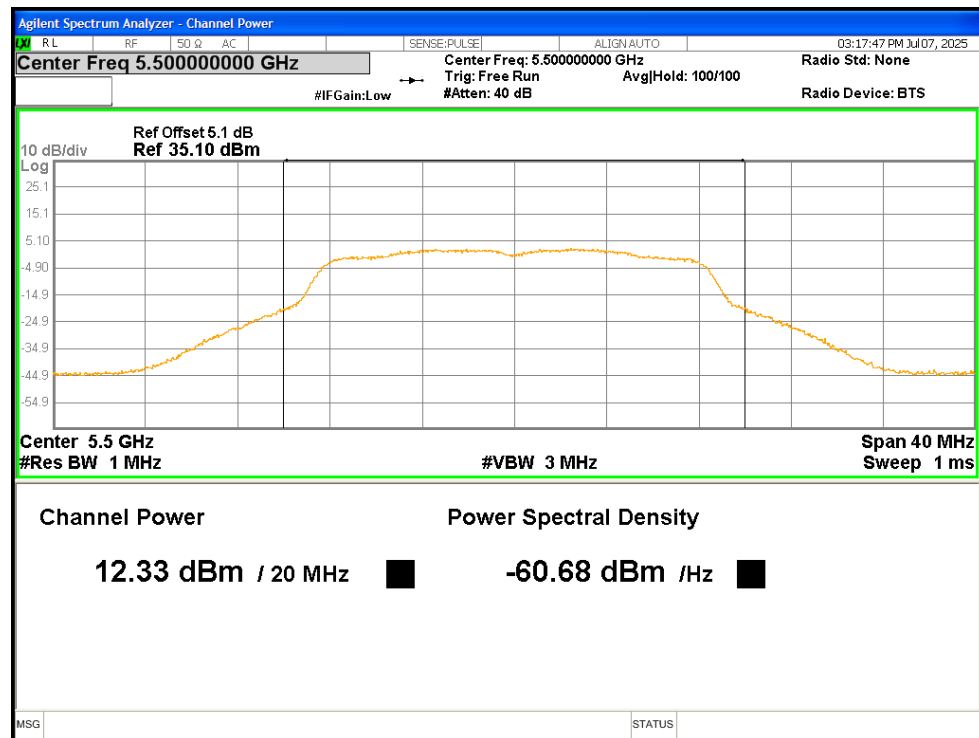


Maximum Output Power

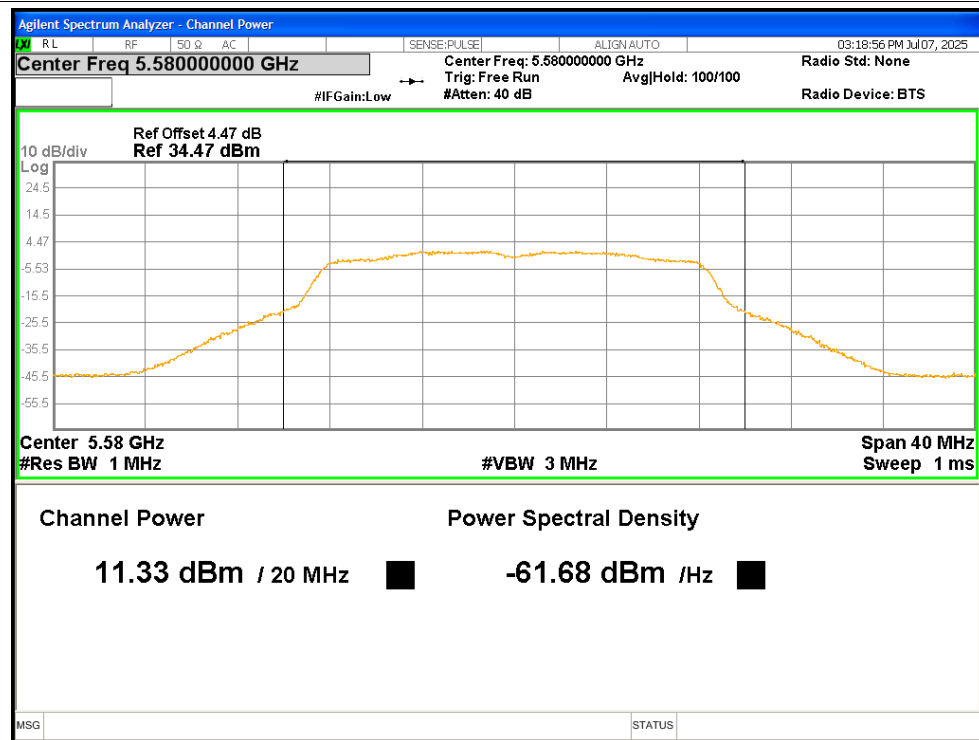
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	12.33	0.95	13.28	<=24	Pass
NVNT	a	5580	11.33	0.96	12.29	<=24	Pass
NVNT	a	5700	11.24	0.99	12.23	<=24	Pass
NVNT	n20	5500	12.26	0.89	13.15	<=24	Pass
NVNT	n20	5580	11.4	0.89	12.29	<=24	Pass
NVNT	n20	5700	11.21	0.89	12.1	<=24	Pass
NVNT	n40	5510	12.73	0.95	13.68	<=24	Pass
NVNT	n40	5550	12.18	0.92	13.1	<=24	Pass
NVNT	n40	5670	11.73	0.93	12.66	<=24	Pass
NVNT	ac20	5500	12.19	0.9	13.09	<=24	Pass
NVNT	ac20	5580	11.34	0.92	12.26	<=24	Pass
NVNT	ac20	5700	11.19	0.91	12.1	<=24	Pass
NVNT	ac40	5510	12.63	1	13.63	<=24	Pass
NVNT	ac40	5550	12.09	0.98	13.07	<=24	Pass
NVNT	ac40	5670	11.61	1.03	12.64	<=24	Pass
NVNT	ac80	5530	12.48	1.09	13.57	<=24	Pass
NVNT	ac80	5610	11.58	1.05	12.63	<=24	Pass

Test Graphs

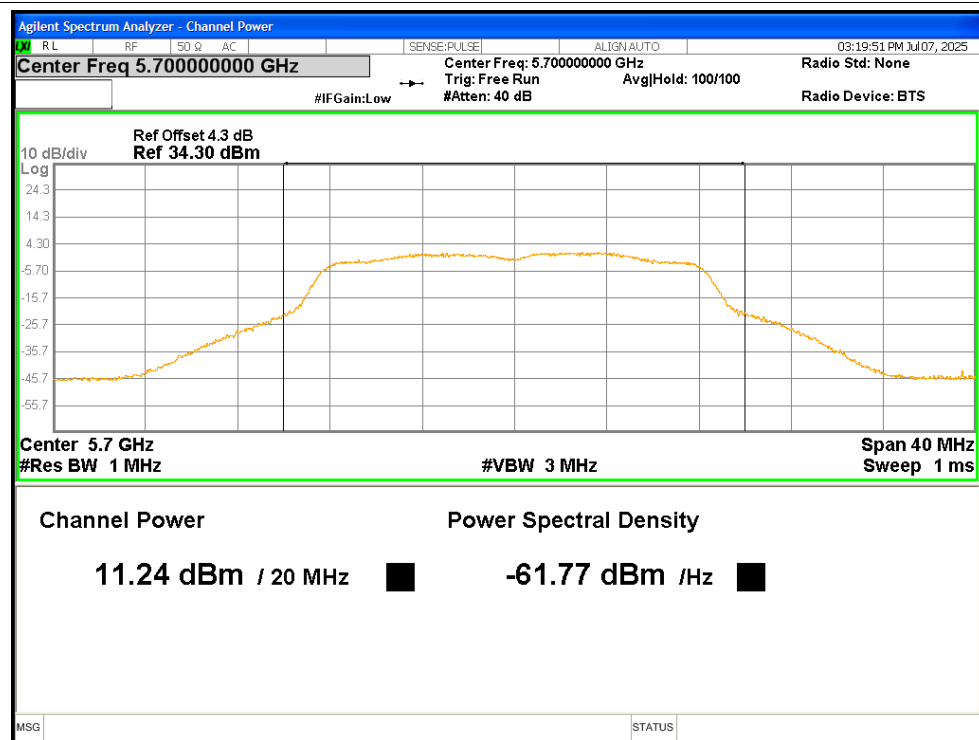
Power NVNT a 5500MHz



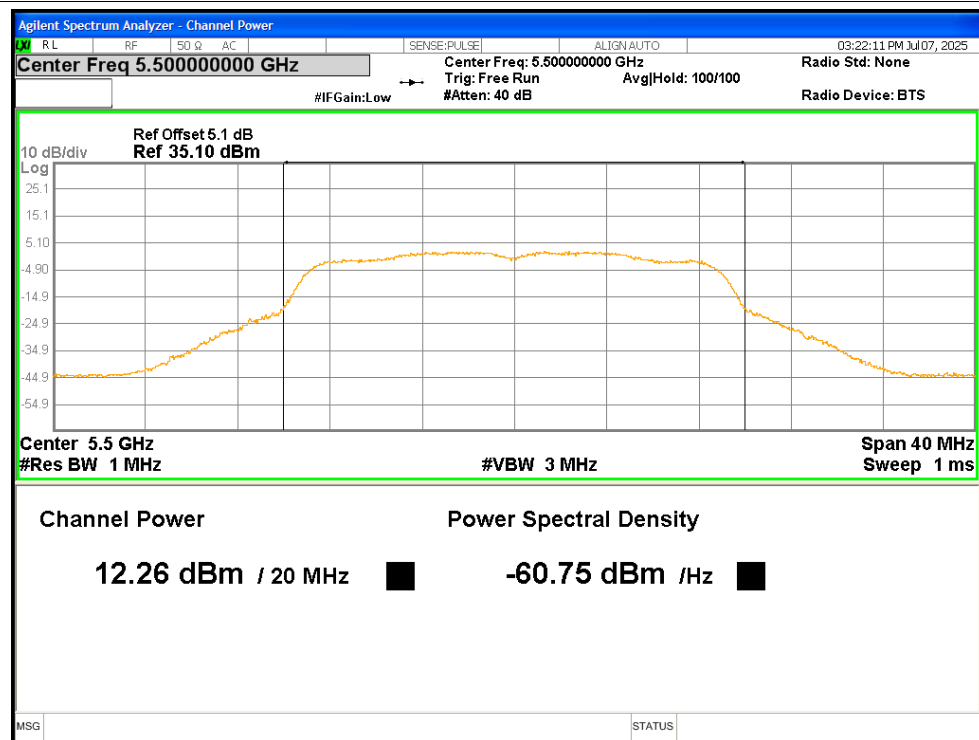
Power NVNT a 5580MHz



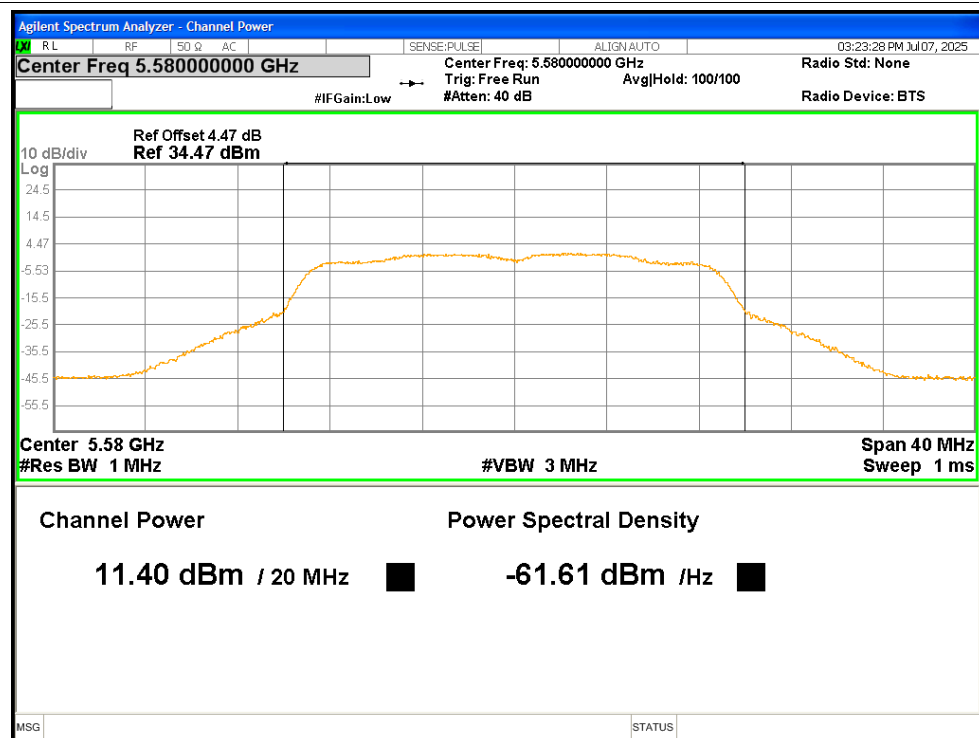
Power NVNT a 5700MHz



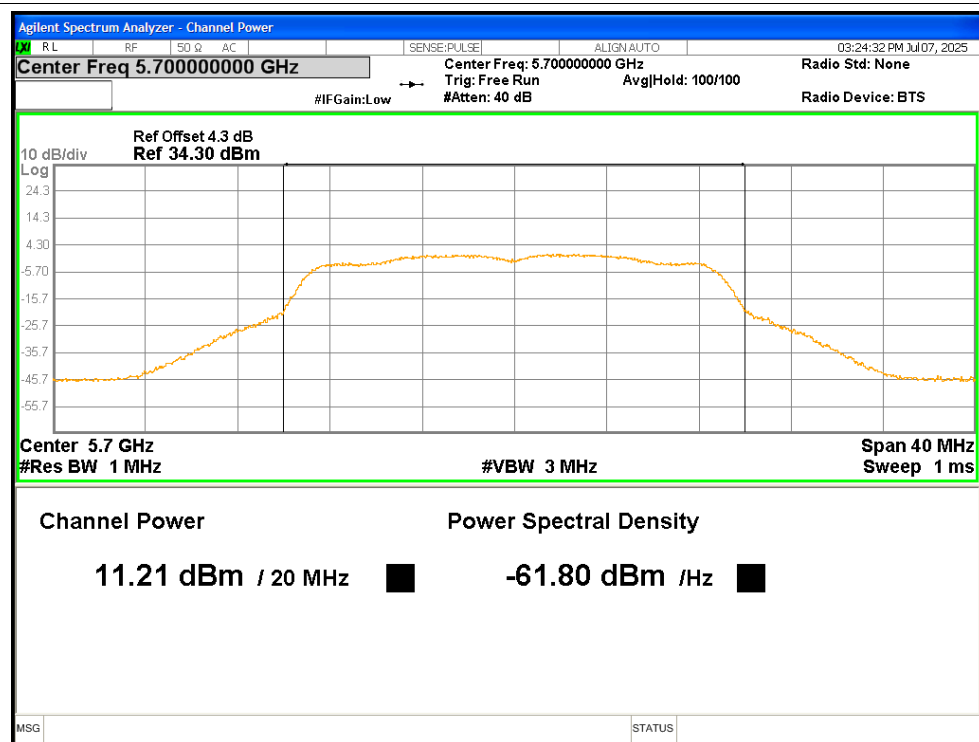
Power NVNT n20 5500MHz



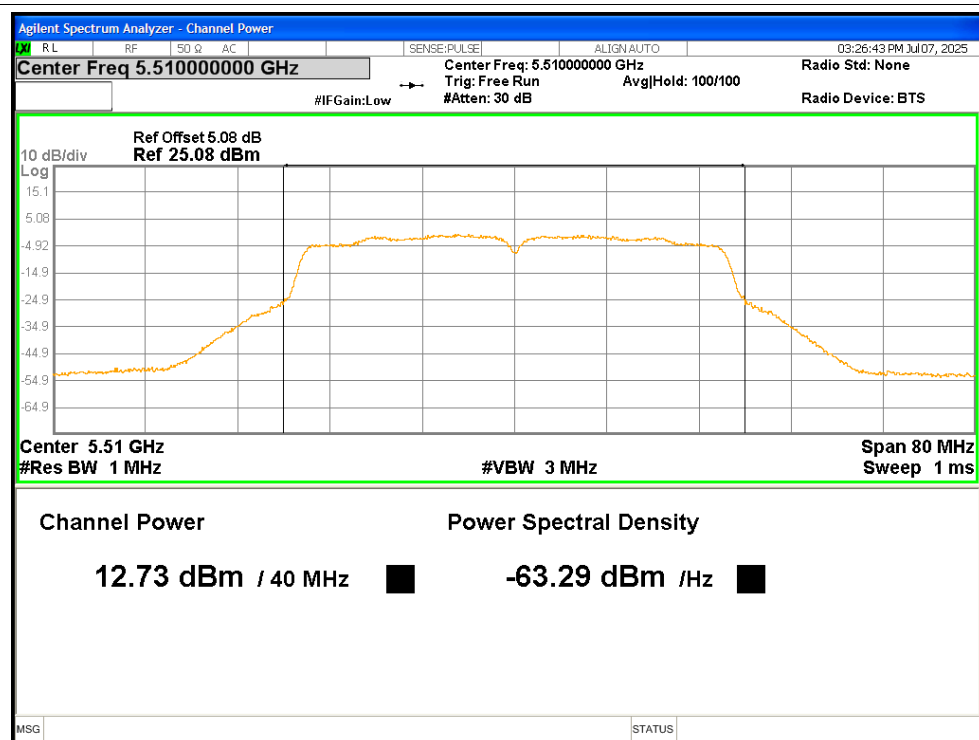
Power NVNT n20 5580MHz



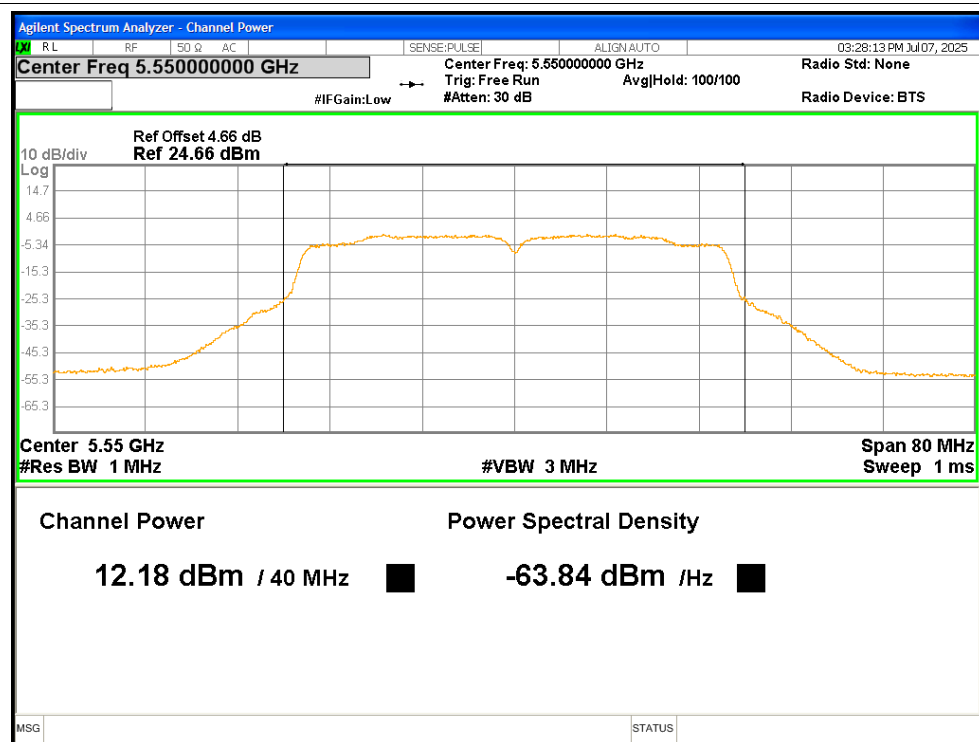
Power NVNT n20 5700MHz



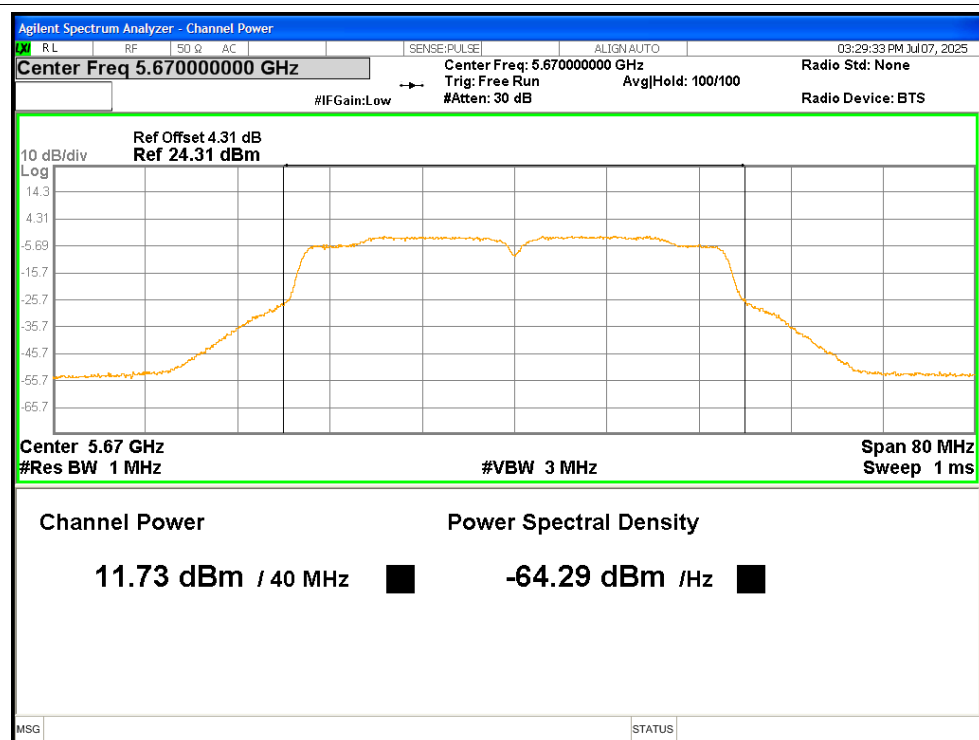
Power NVNT n40 5510MHz



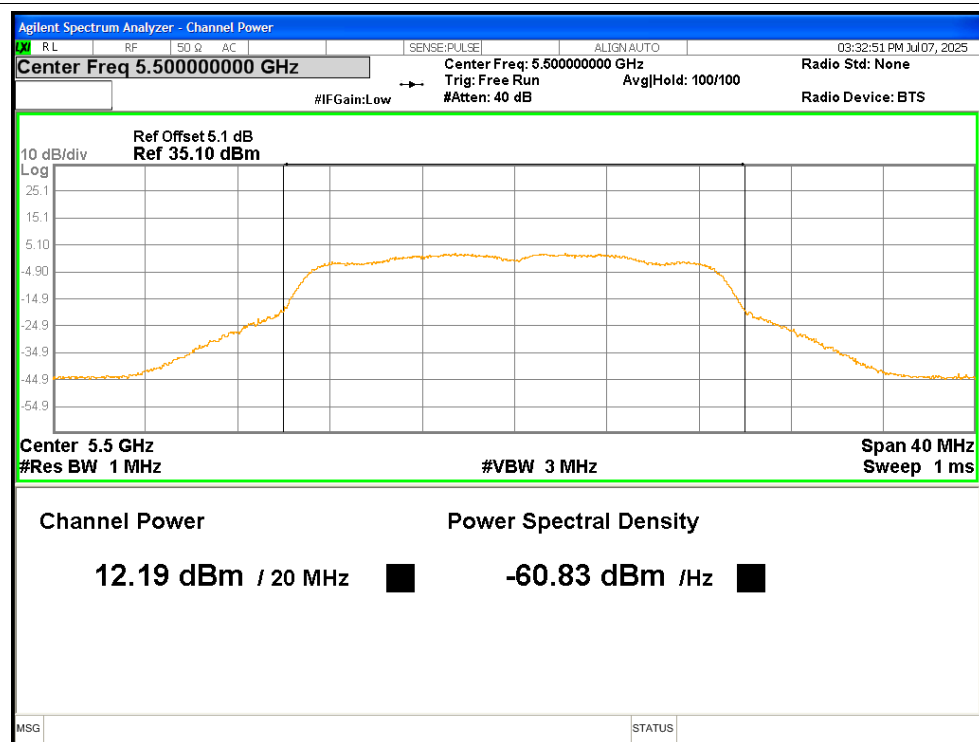
Power NVNT n40 5550MHz



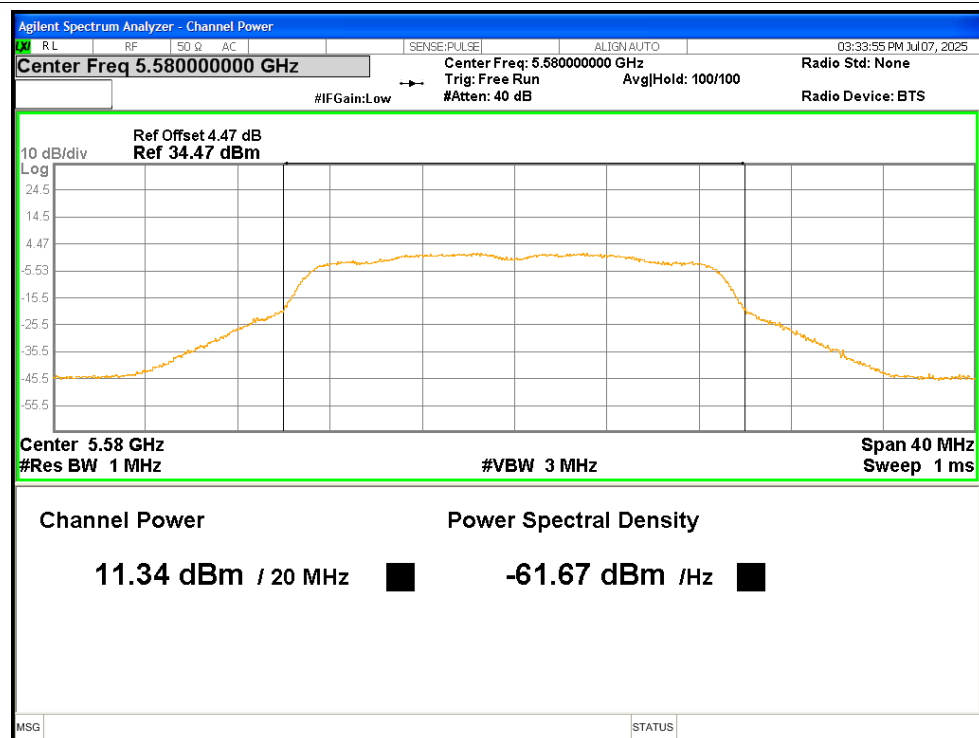
Power NVNT n40 5670MHz



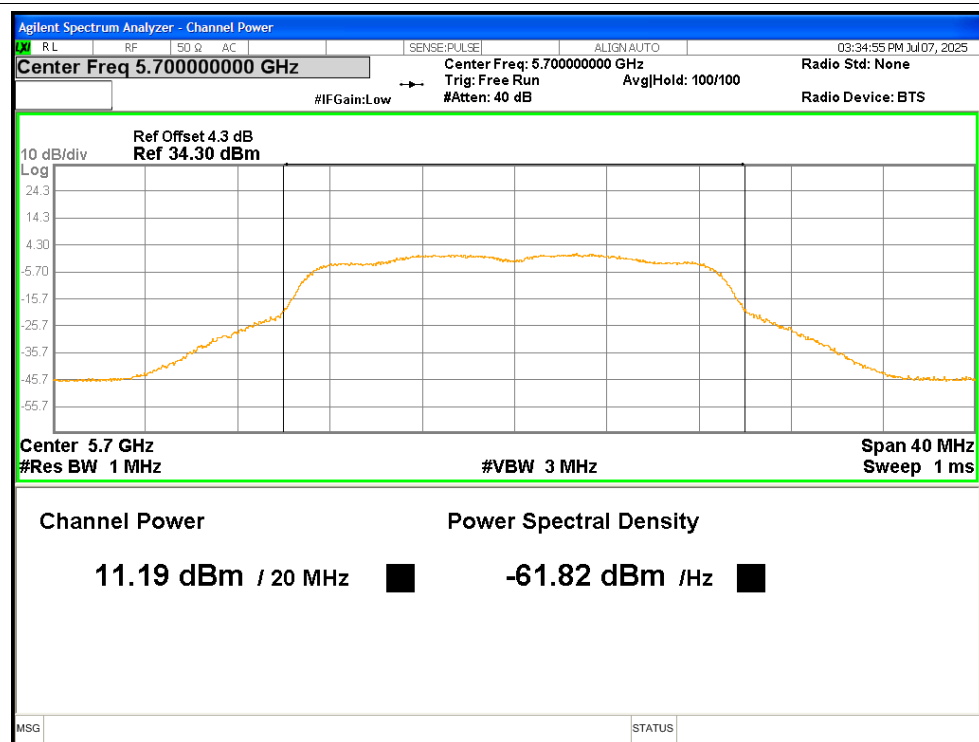
Power NVNT ac20 5500MHz



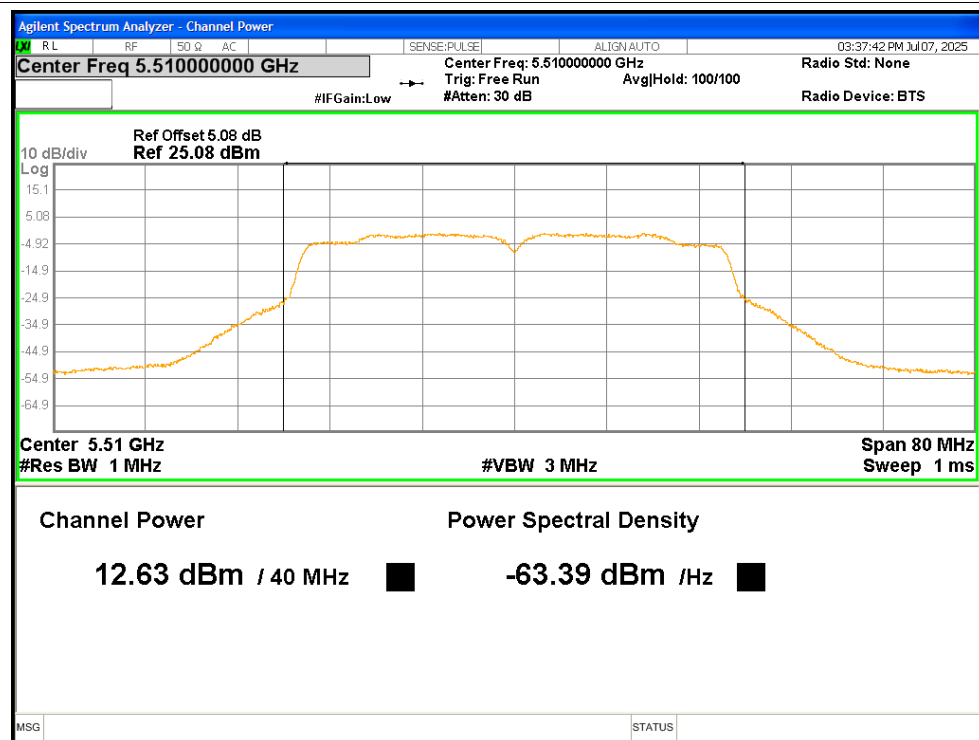
Power NVNT ac20 5580MHz



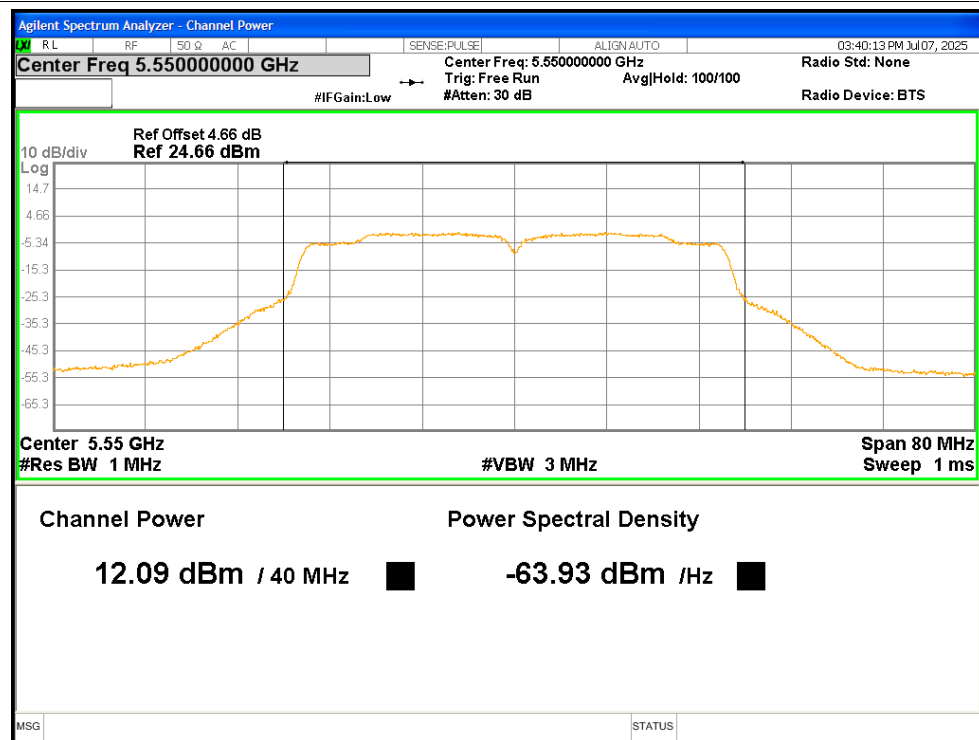
Power NVNT ac20 5700MHz



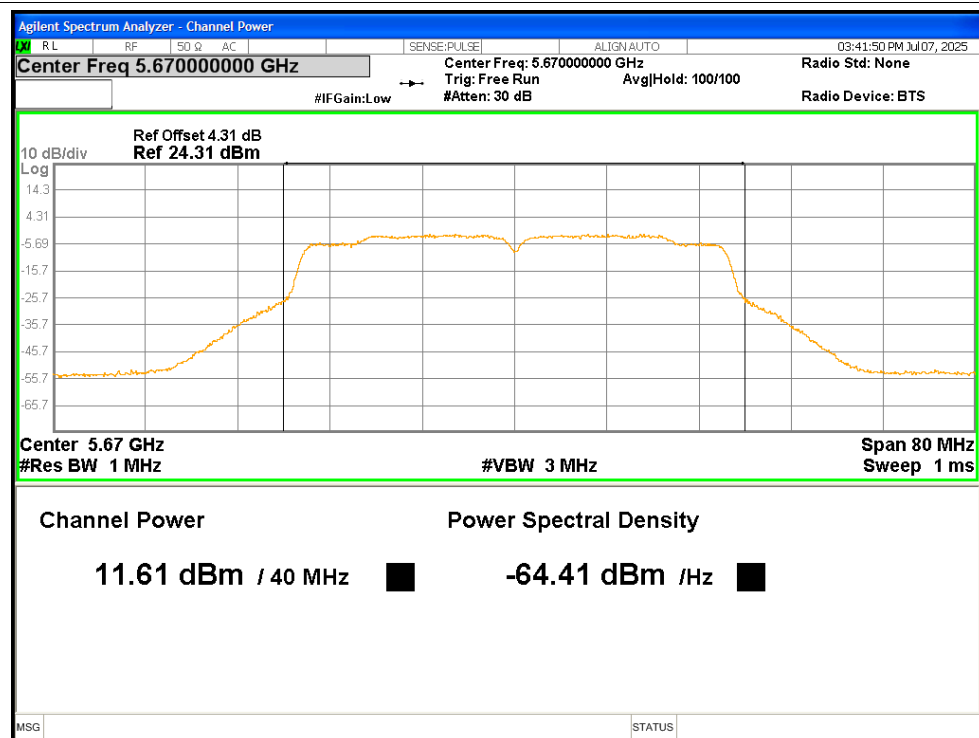
Power NVNT ac40 5510MHz



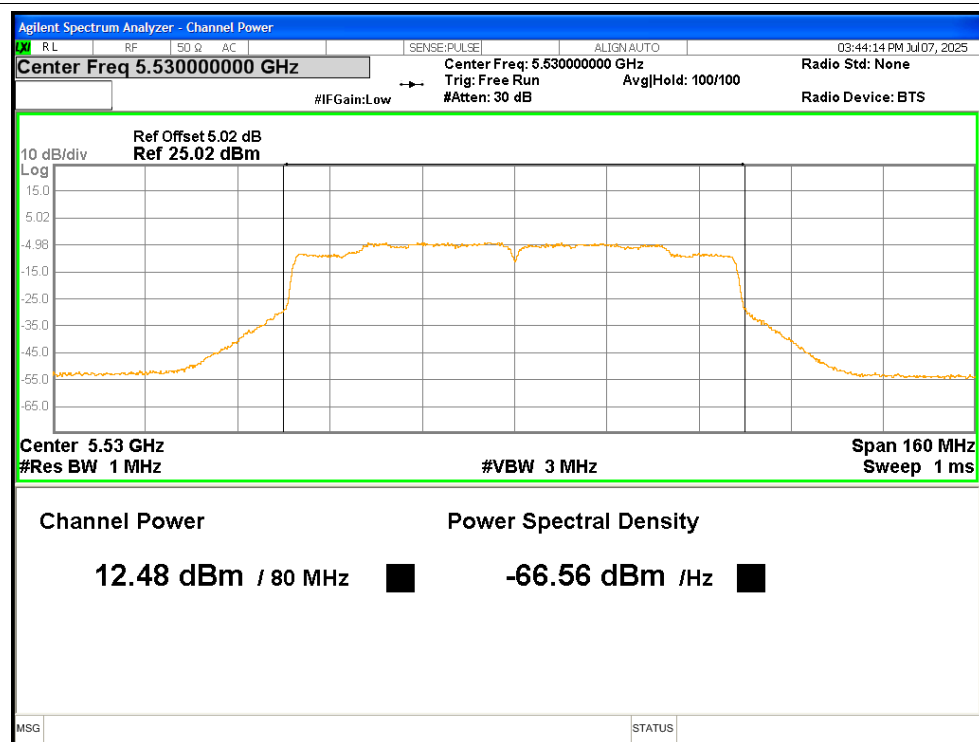
Power NVNT ac40 5550MHz

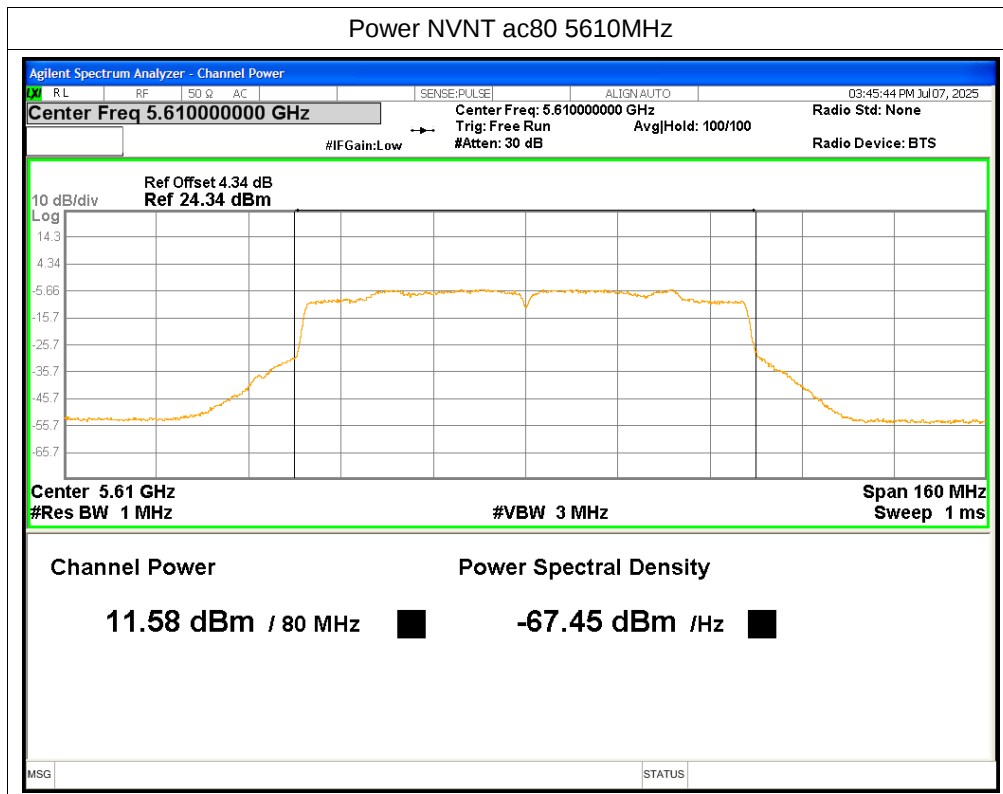


Power NVNT ac40 5670MHz



Power NVNT ac80 5530MHz



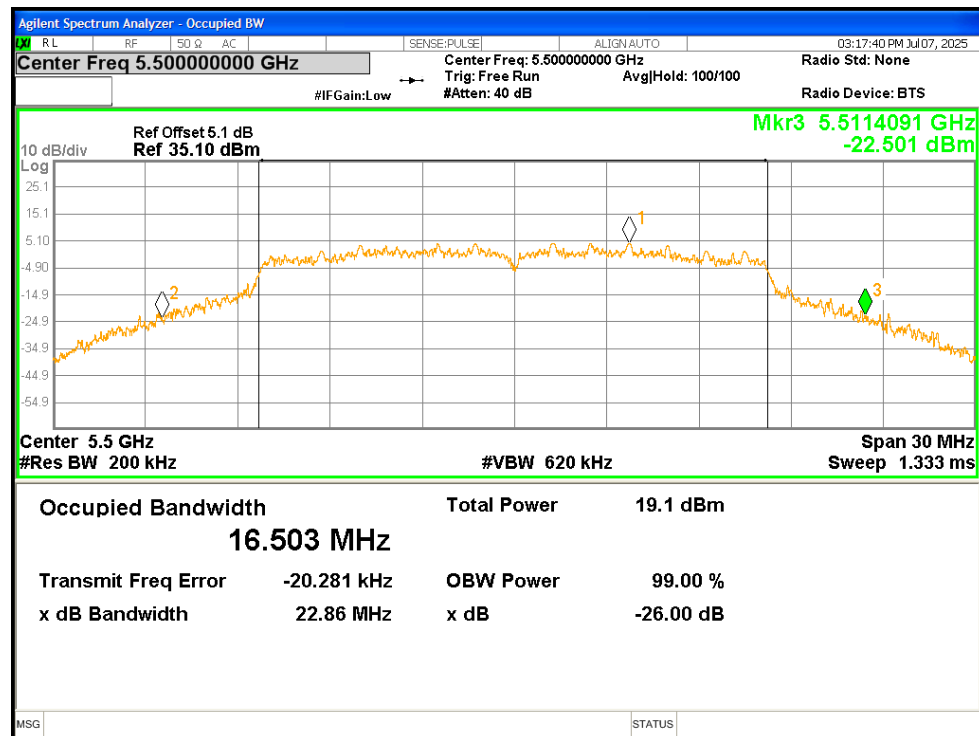


-26dB Bandwidth

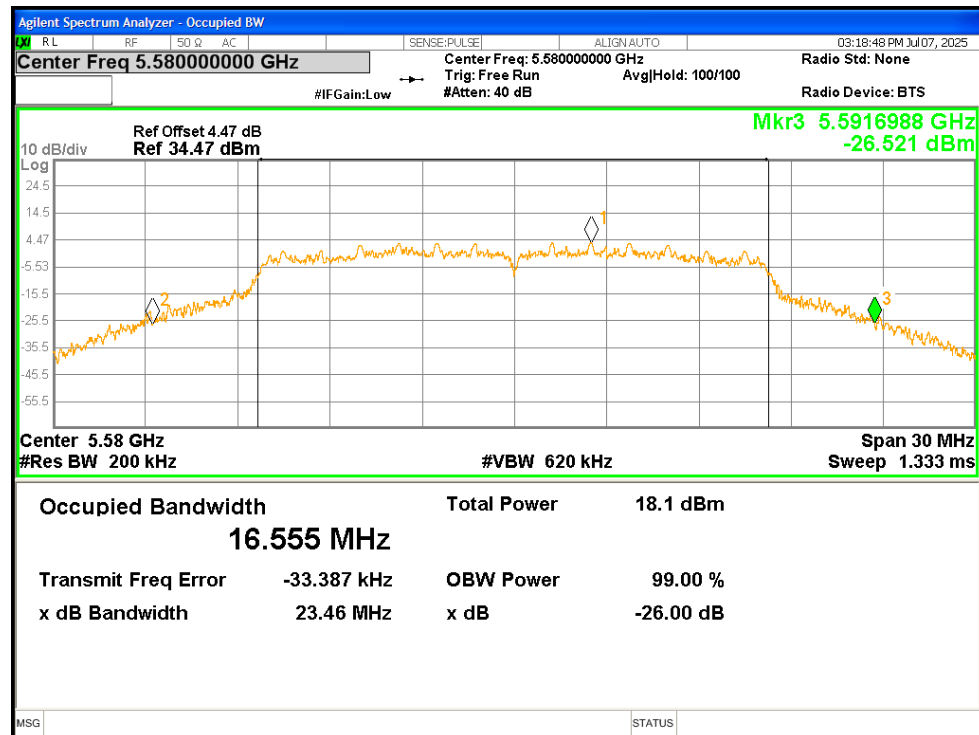
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	22.8587	Pass
NVNT	a	5580	23.4644	Pass
NVNT	a	5700	22.7615	Pass
NVNT	n20	5500	23.3785	Pass
NVNT	n20	5580	22.4434	Pass
NVNT	n20	5700	23.1154	Pass
NVNT	n40	5510	43.4867	Pass
NVNT	n40	5550	42.1725	Pass
NVNT	n40	5670	43.1142	Pass
NVNT	ac20	5500	22.8703	Pass
NVNT	ac20	5580	22.7016	Pass
NVNT	ac20	5700	23.3781	Pass
NVNT	ac40	5510	42.5296	Pass
NVNT	ac40	5550	42.8341	Pass
NVNT	ac40	5670	42.3344	Pass
NVNT	ac80	5530	84.8985	Pass
NVNT	ac80	5610	86.1223	Pass

Test Graphs

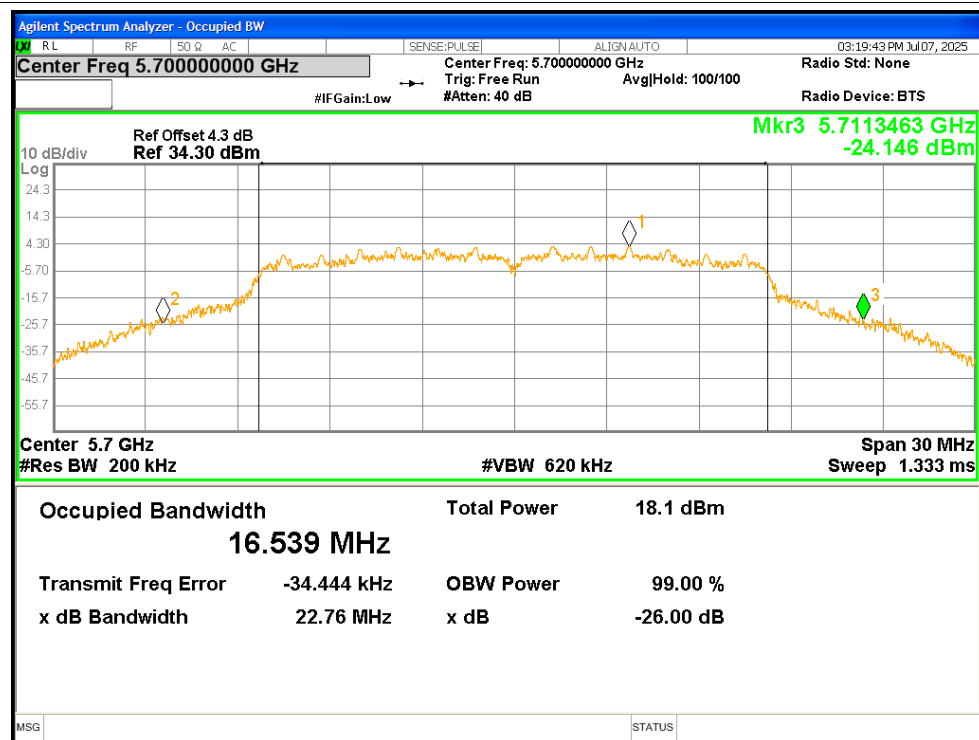
-26dB Bandwidth NVNT a 5500MHz



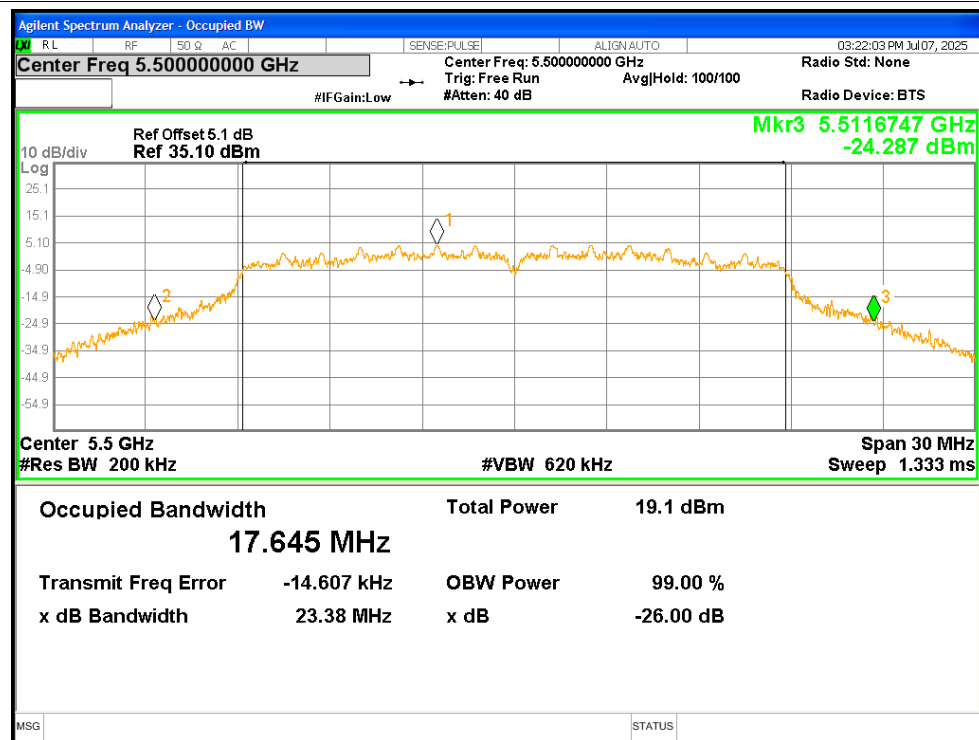
-26dB Bandwidth NVNT a 5580MHz



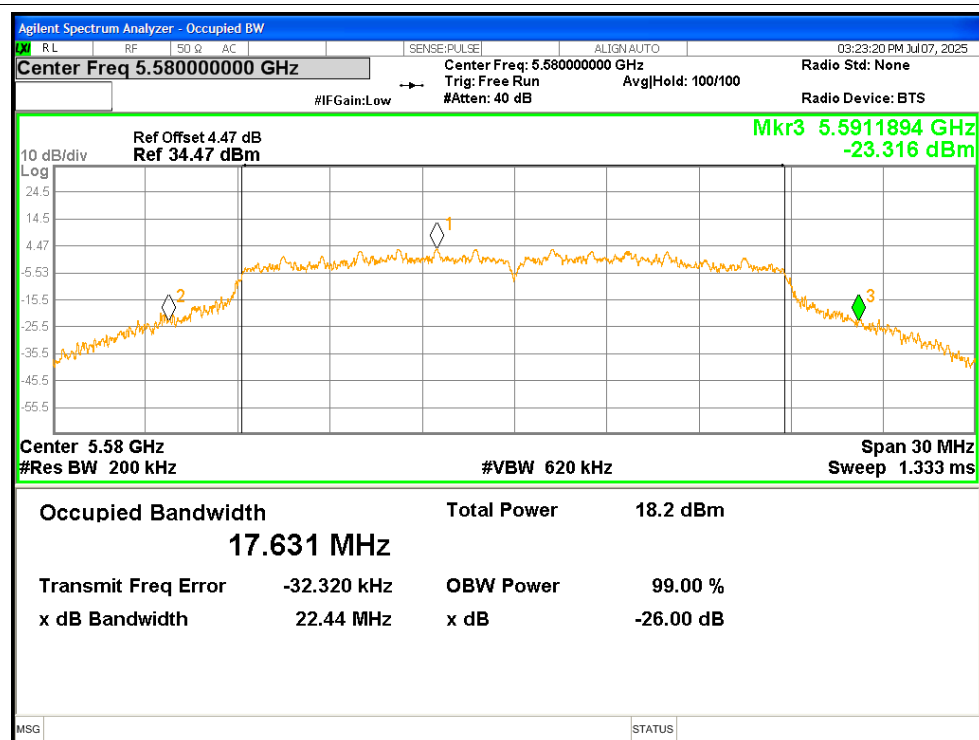
-26dB Bandwidth NVNT a 5700MHz



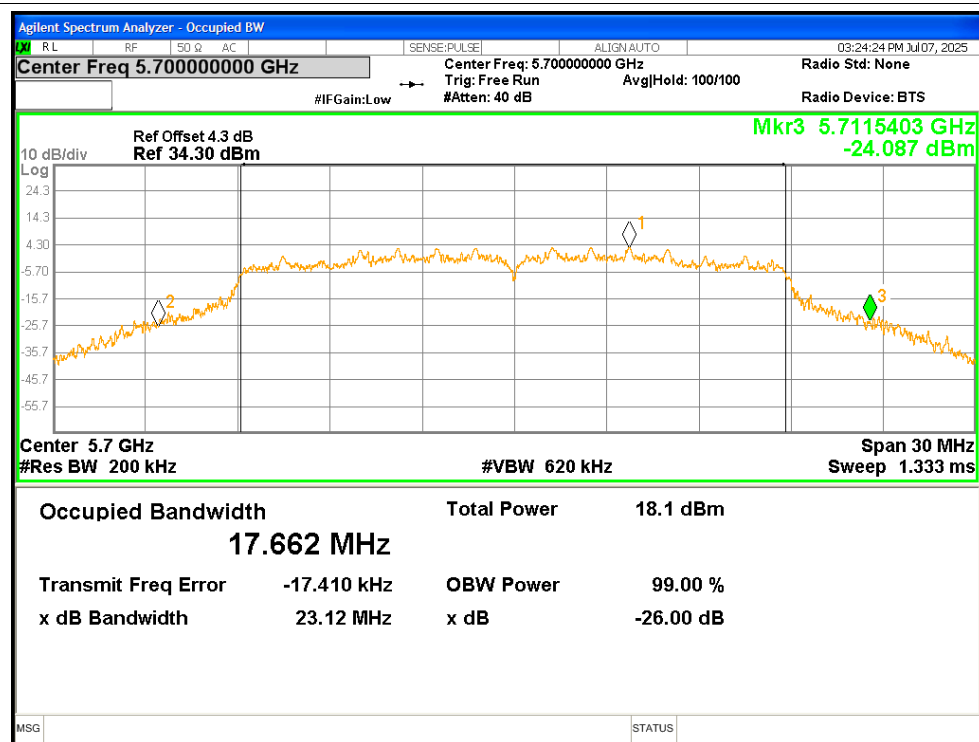
-26dB Bandwidth NVNT n20 5500MHz



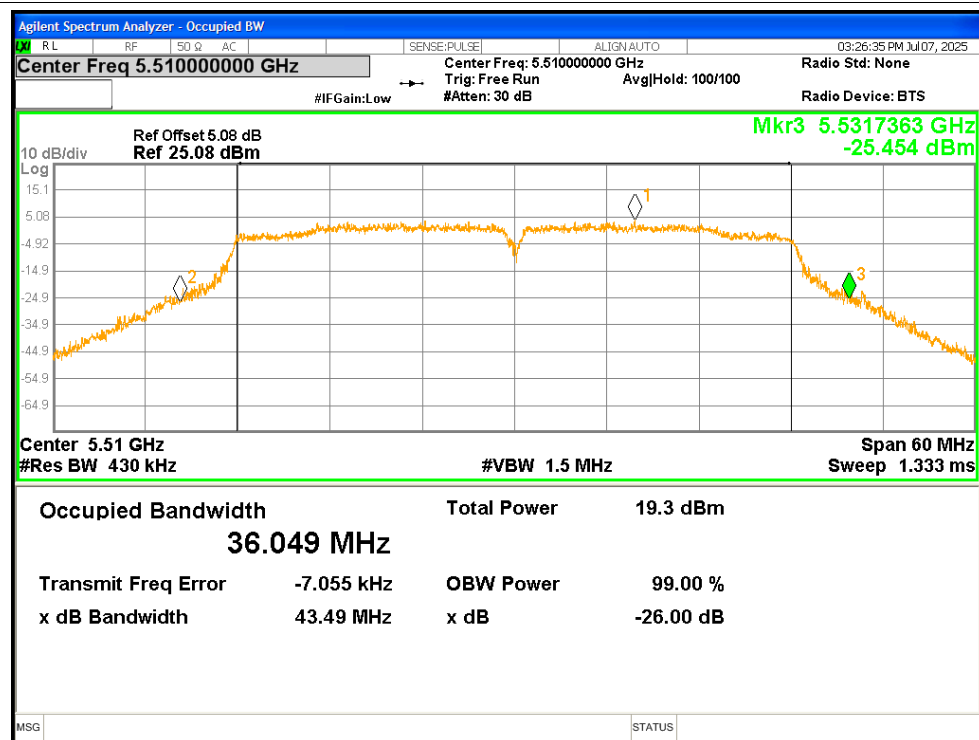
-26dB Bandwidth NVNT n20 5580MHz



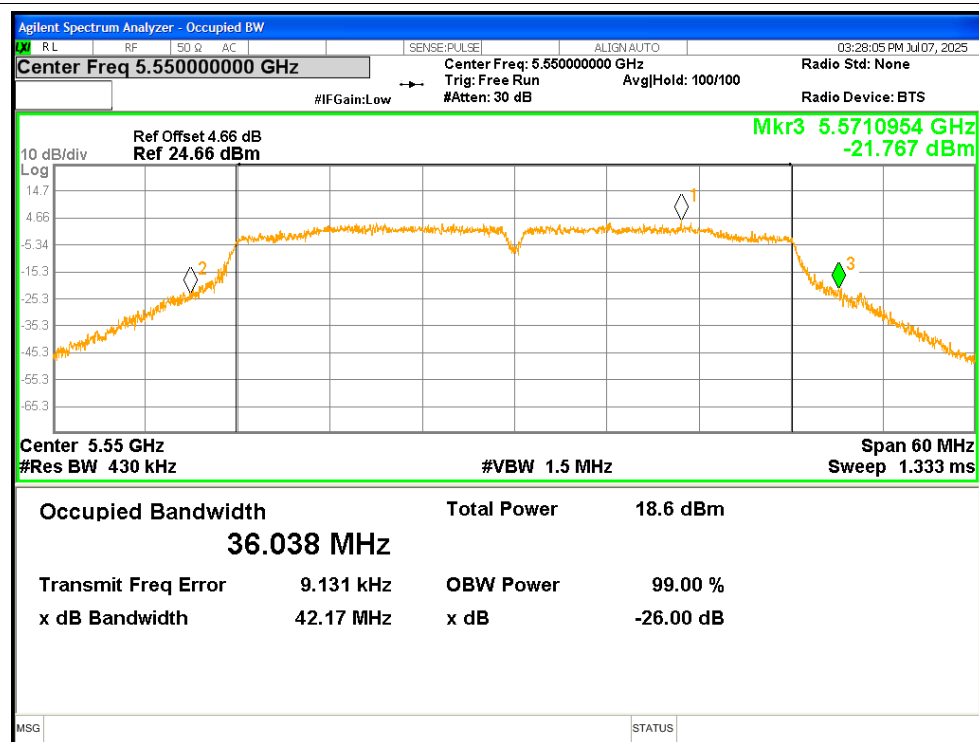
-26dB Bandwidth NVNT n20 5700MHz



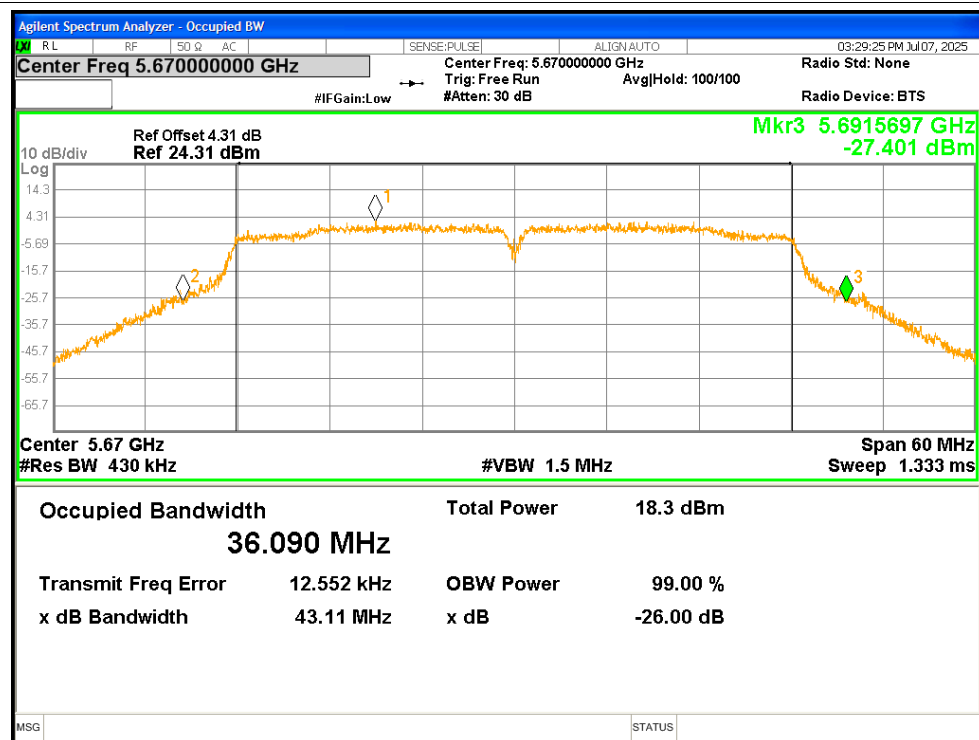
-26dB Bandwidth NVNT n40 5510MHz



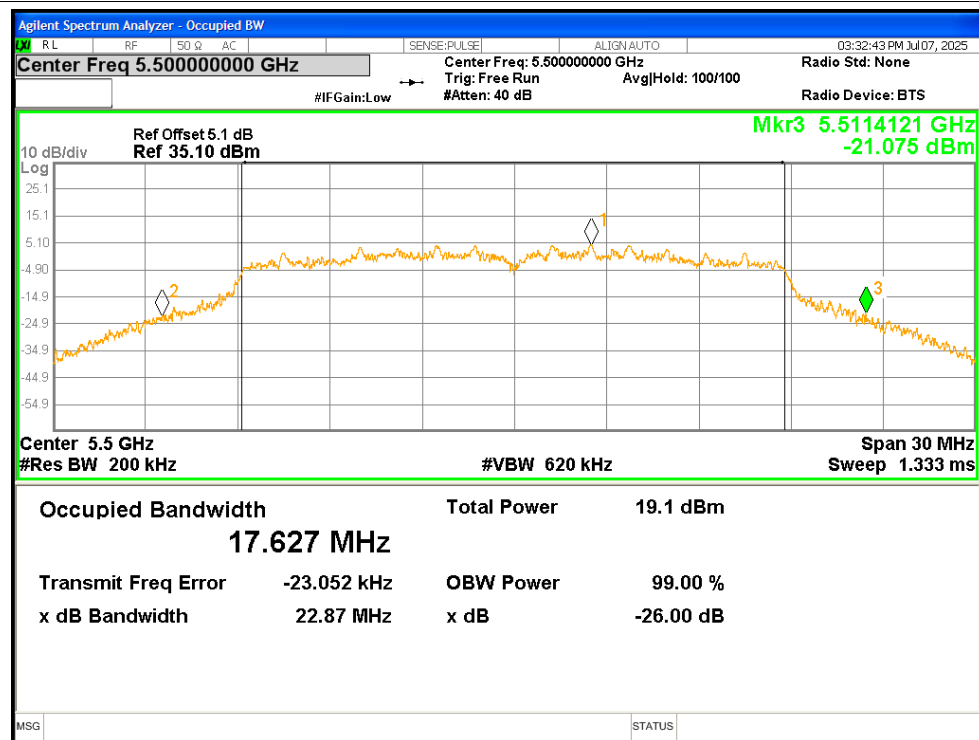
-26dB Bandwidth NVNT n40 5550MHz



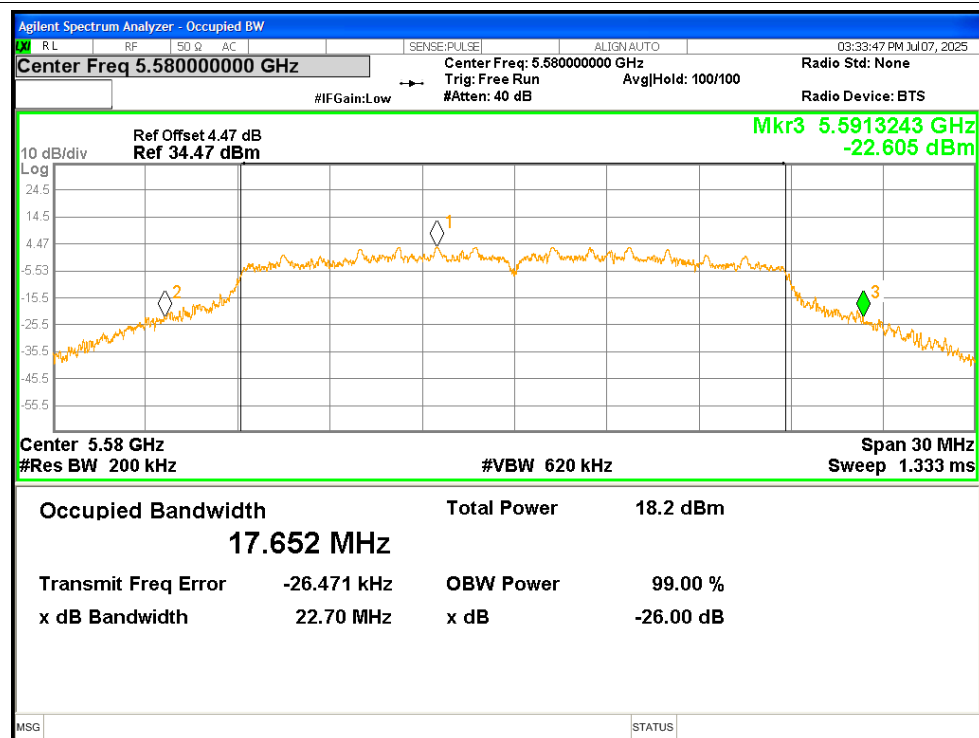
-26dB Bandwidth NVNT n40 5670MHz



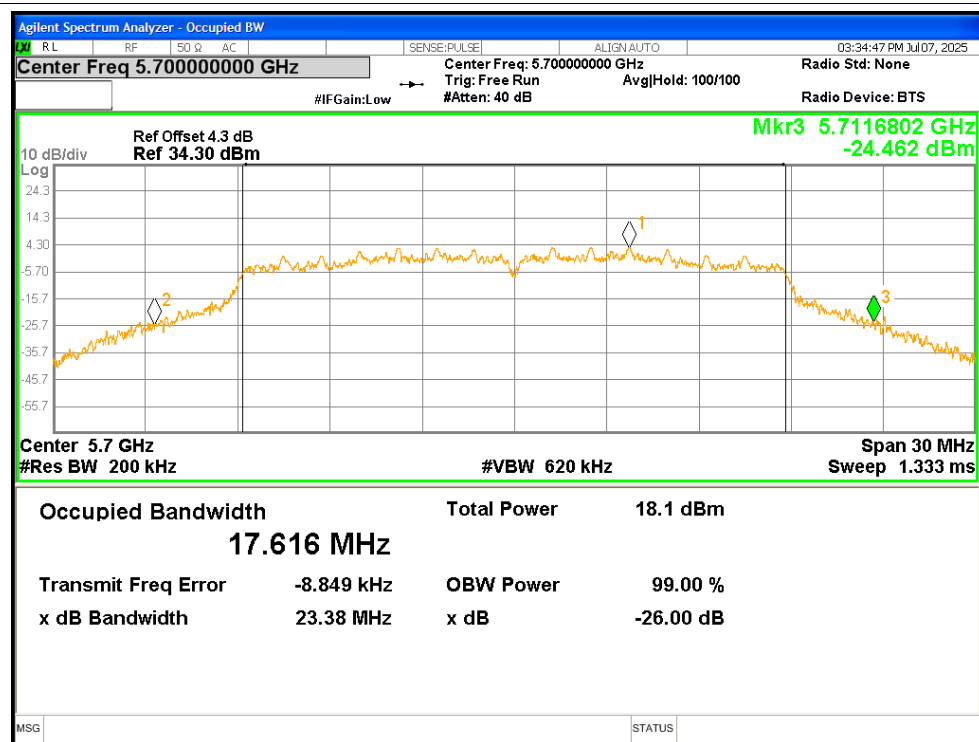
-26dB Bandwidth NVNT ac20 5500MHz



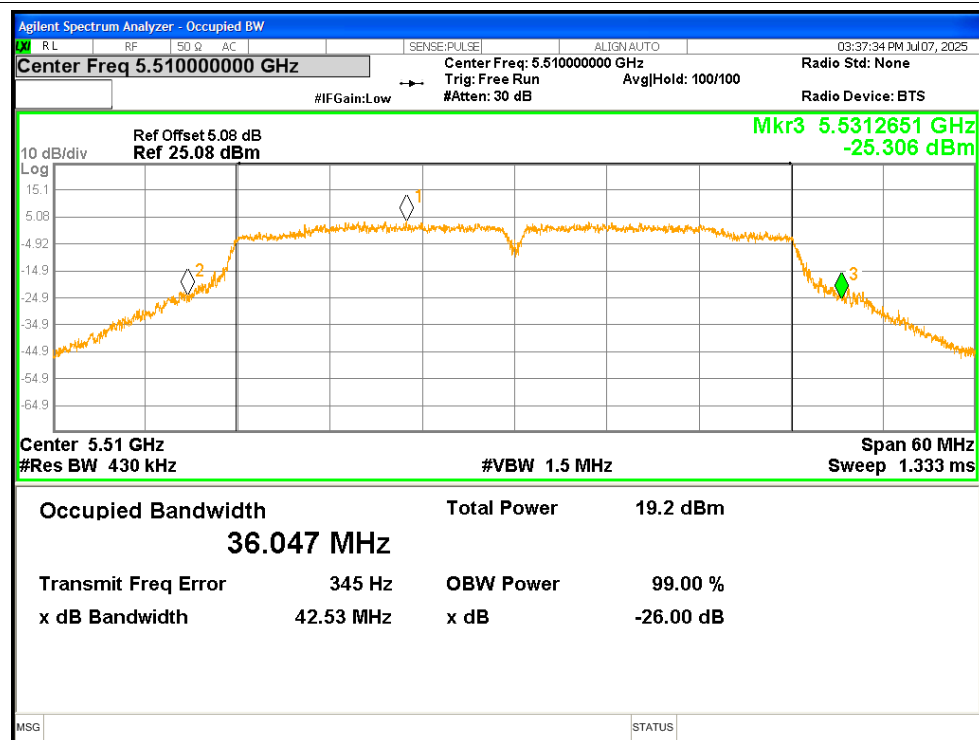
-26dB Bandwidth NVNT ac20 5580MHz



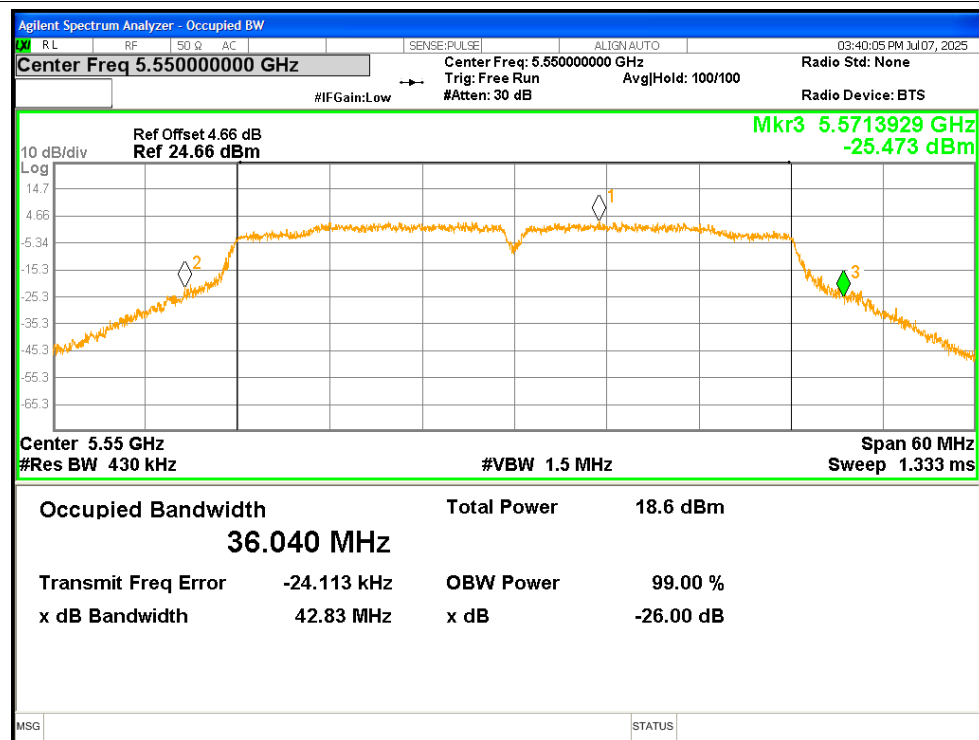
-26dB Bandwidth NVNT ac20 5700MHz



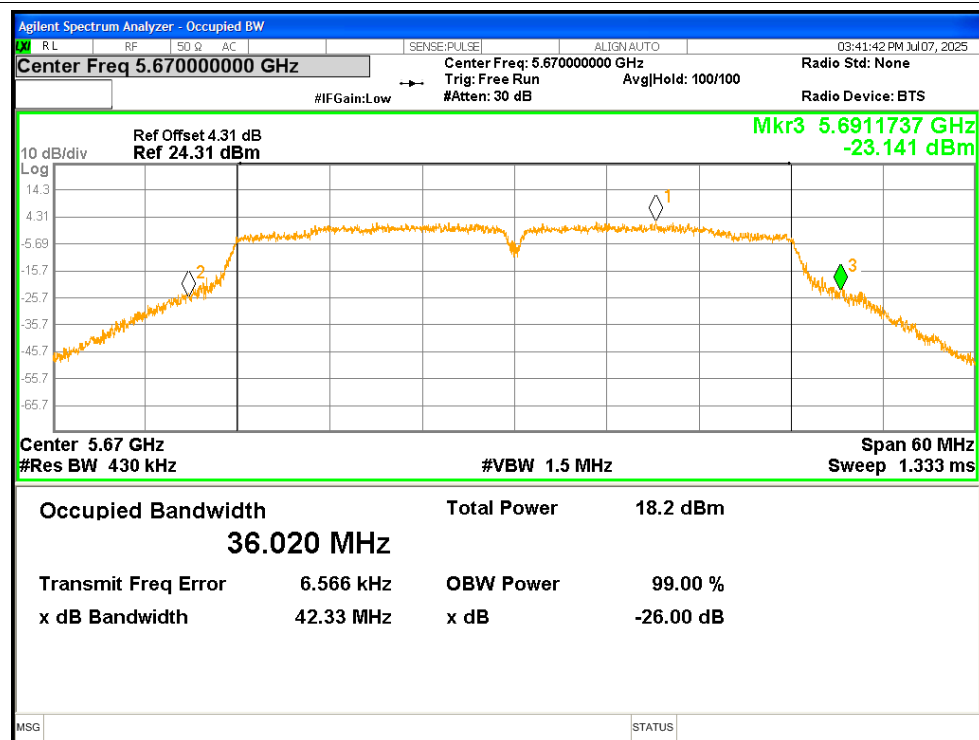
-26dB Bandwidth NVNT ac40 5510MHz



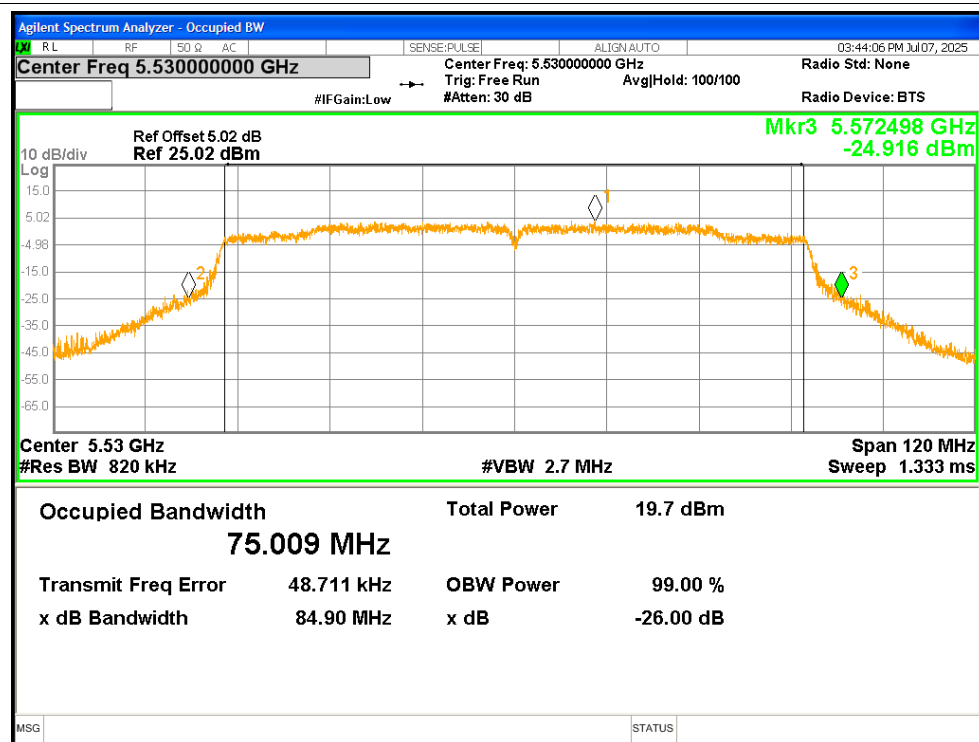
-26dB Bandwidth NVNT ac40 5550MHz

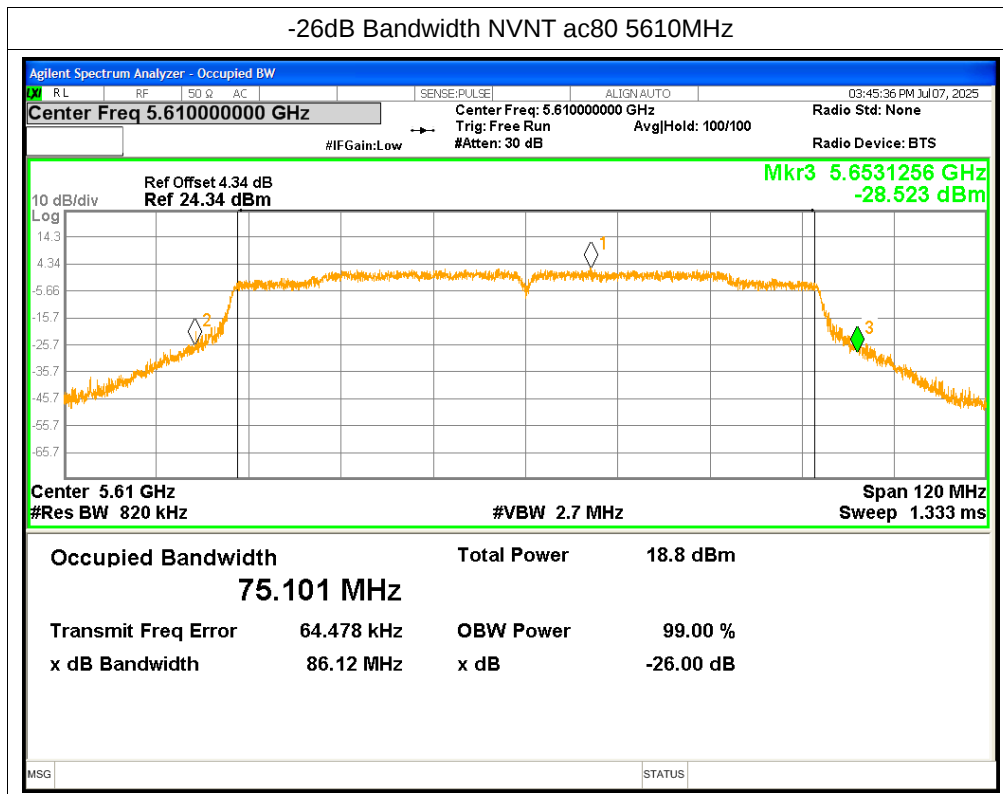


-26dB Bandwidth NVNT ac40 5670MHz



-26dB Bandwidth NVNT ac80 5530MHz



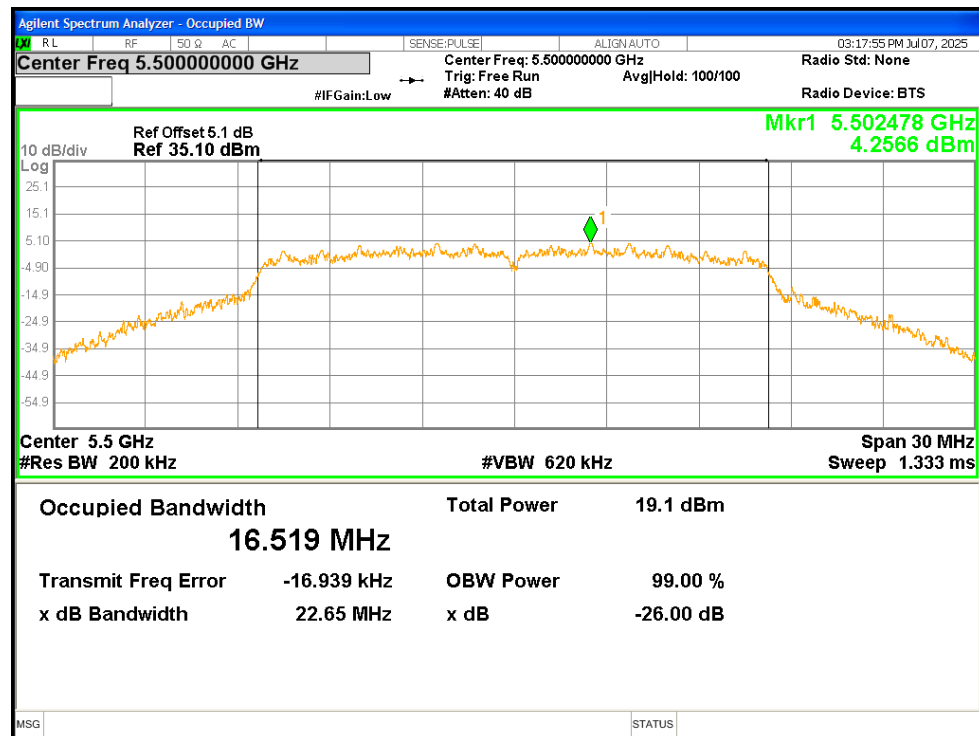


Occupied Channel Bandwidth

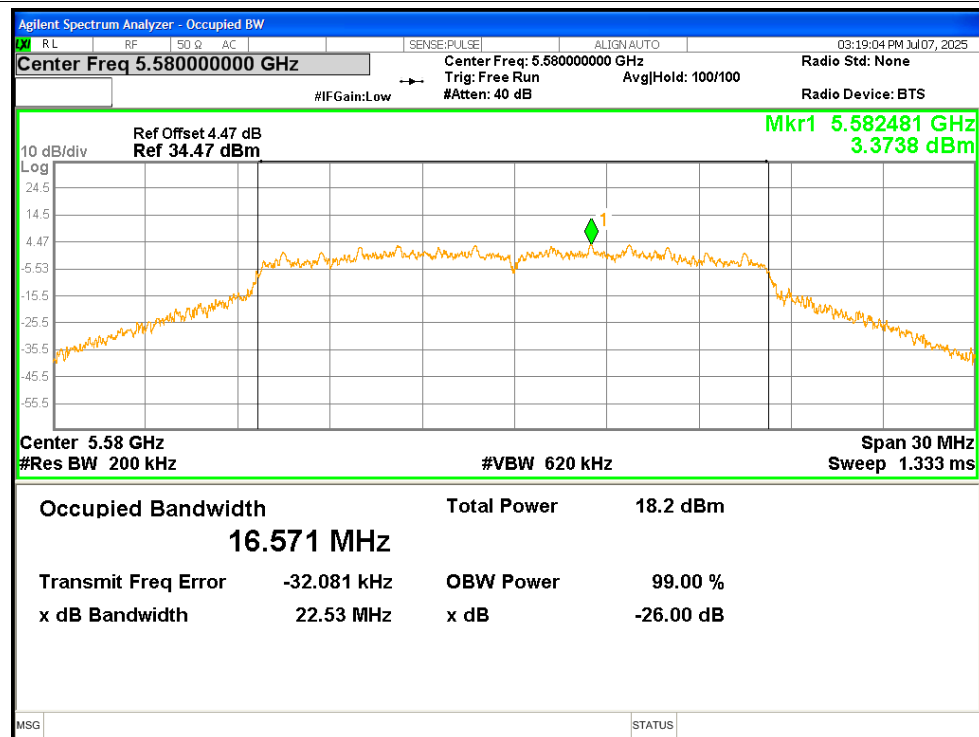
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5500	16.5188
NVNT	a	5580	16.571
NVNT	a	5700	16.528
NVNT	n20	5500	17.6404
NVNT	n20	5580	17.6558
NVNT	n20	5700	17.6541
NVNT	n40	5510	36.0294
NVNT	n40	5550	36.0073
NVNT	n40	5670	36.0187
NVNT	ac20	5500	17.6218
NVNT	ac20	5580	17.6378
NVNT	ac20	5700	17.6488
NVNT	ac40	5510	35.9977
NVNT	ac40	5550	35.9981
NVNT	ac40	5670	36.033
NVNT	ac80	5530	74.9802
NVNT	ac80	5610	75.1501

Test Graphs

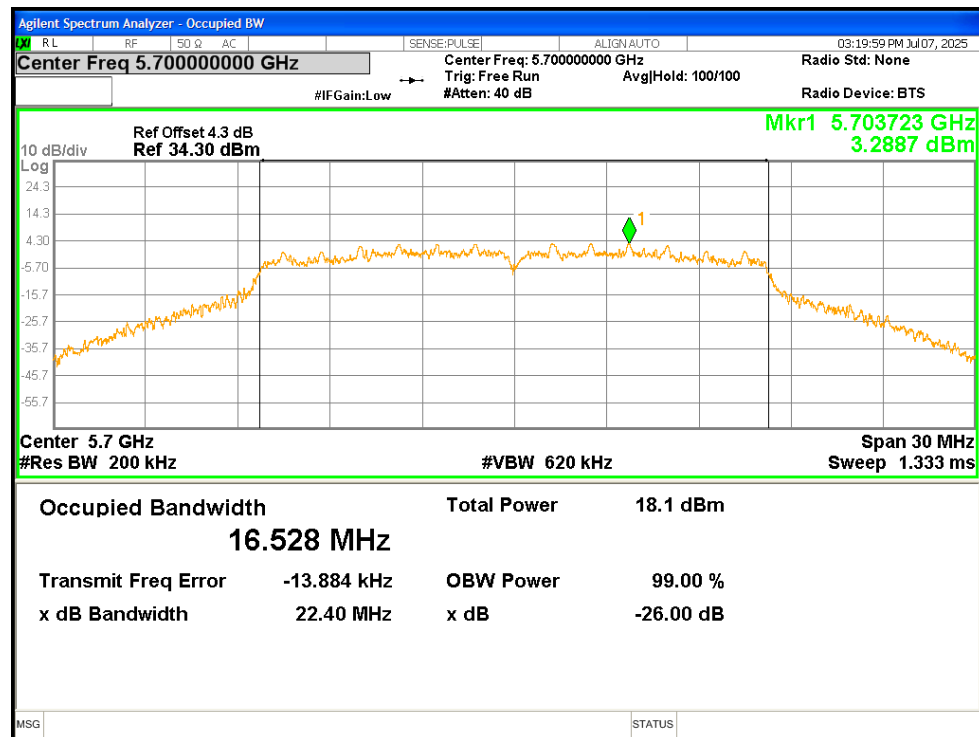
OBW NVNT a 5500MHz



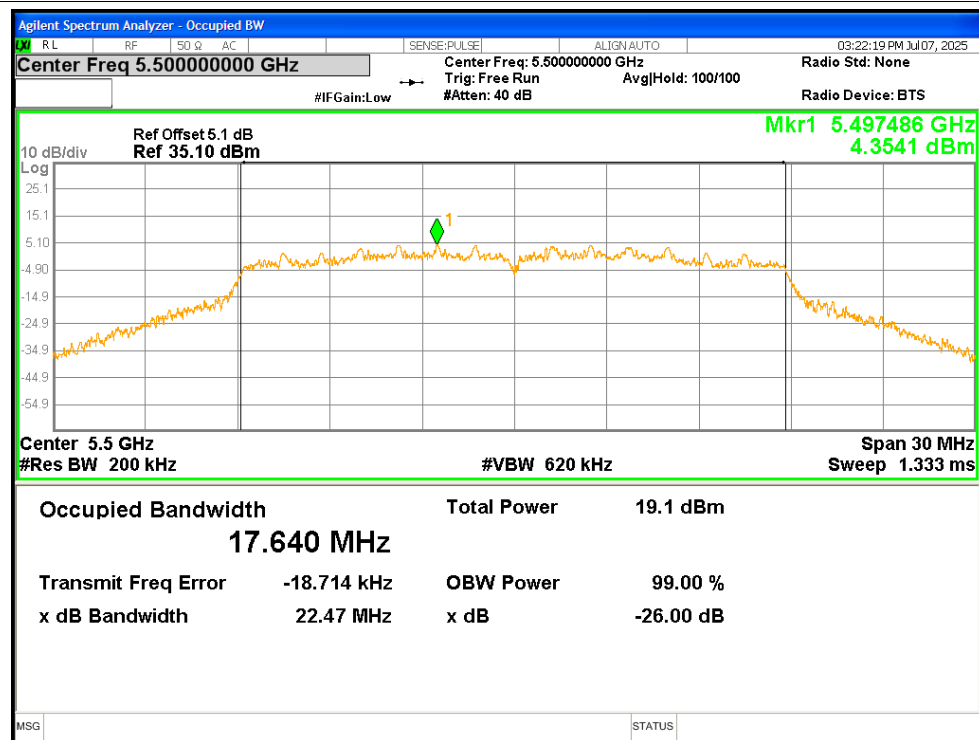
OBW NVNT a 5580MHz



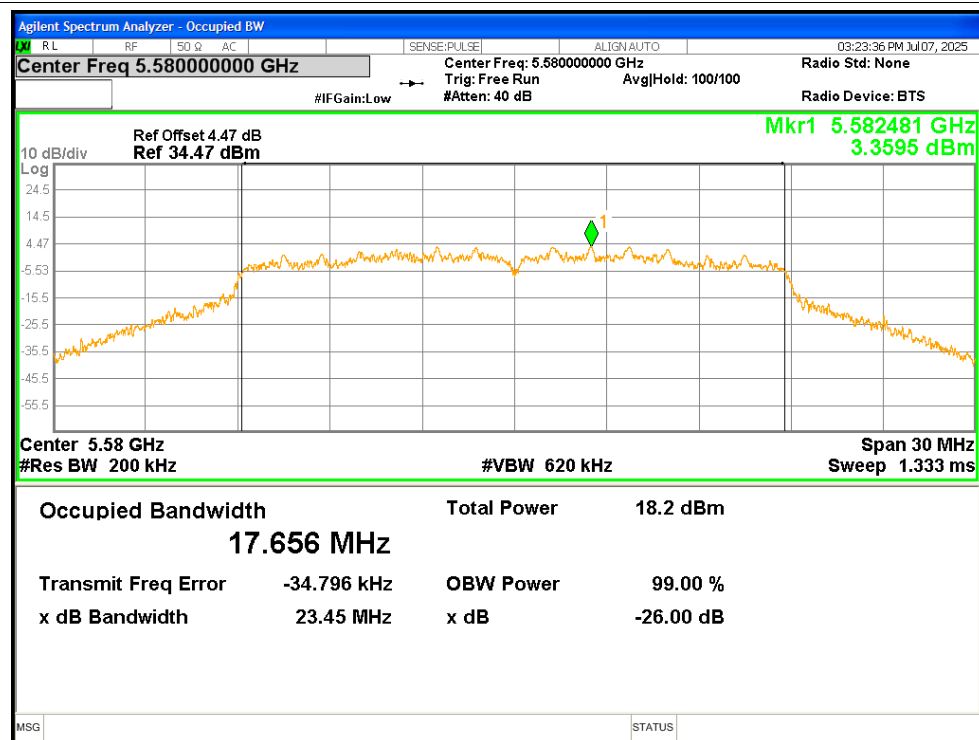
OBW NVNT a 5700MHz



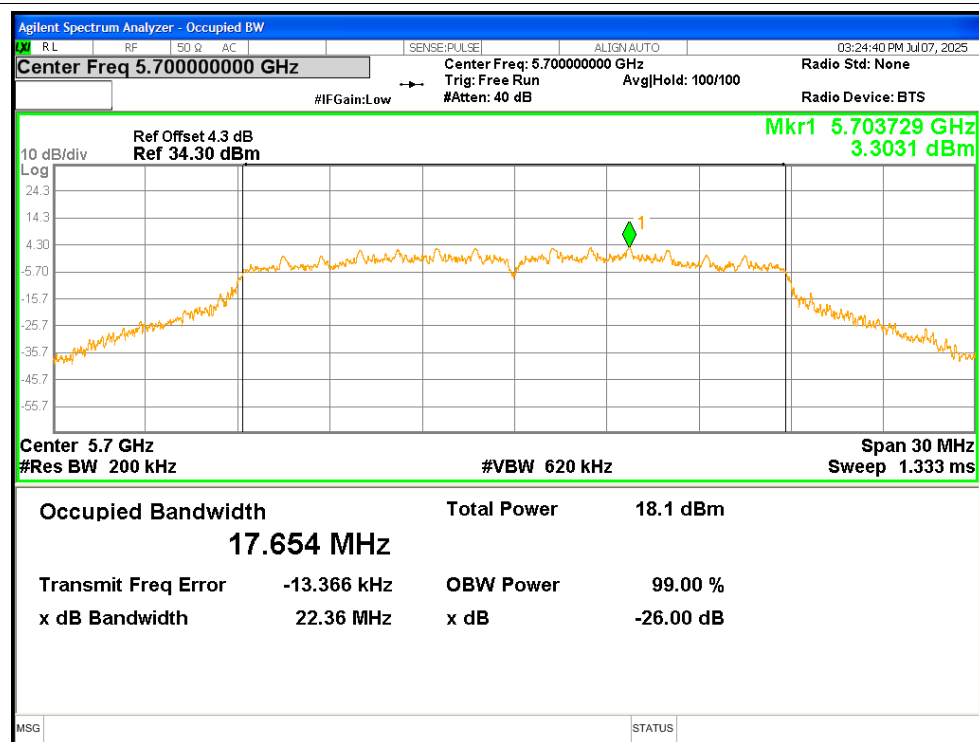
OBW NVNT n20 5500MHz



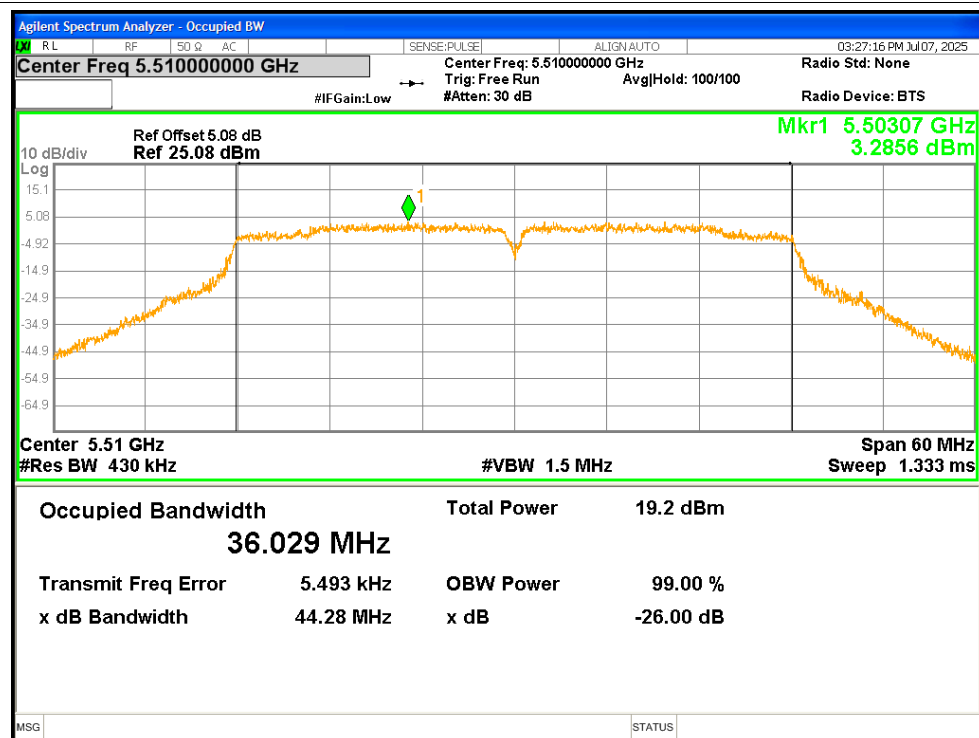
OBW NVNT n20 5580MHz



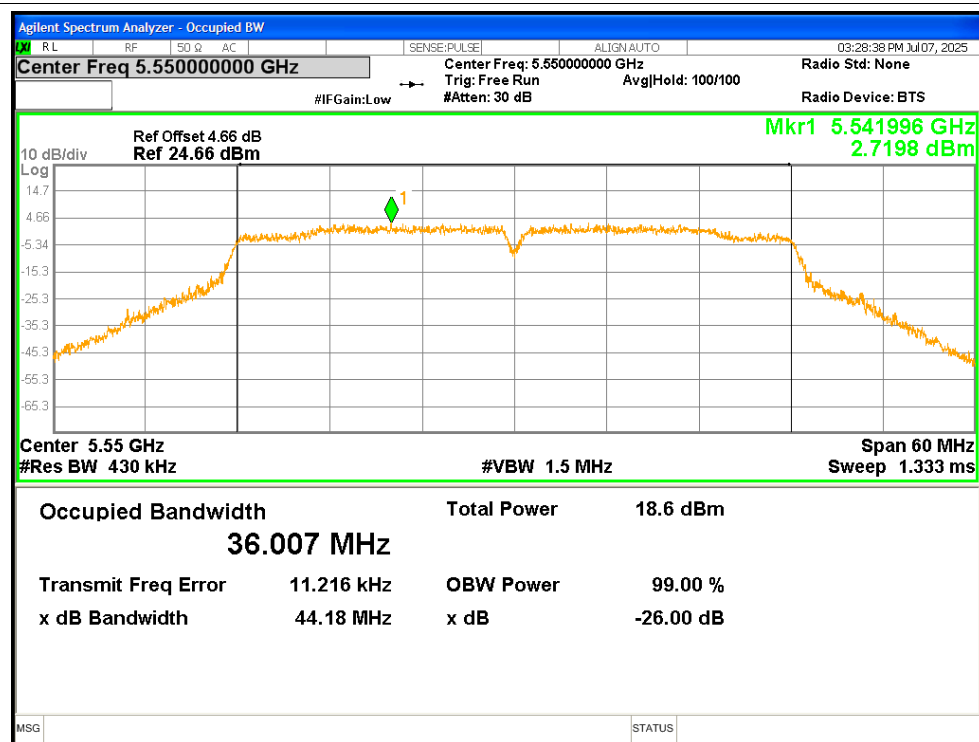
OBW NVNT n20 5700MHz



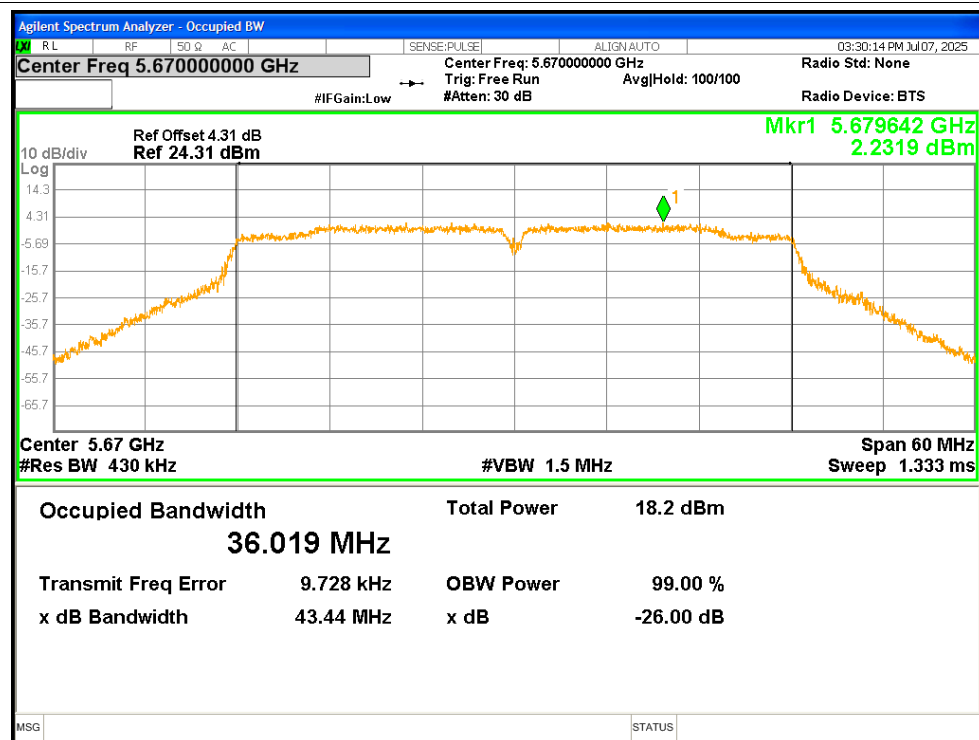
OBW NVNT n40 5510MHz



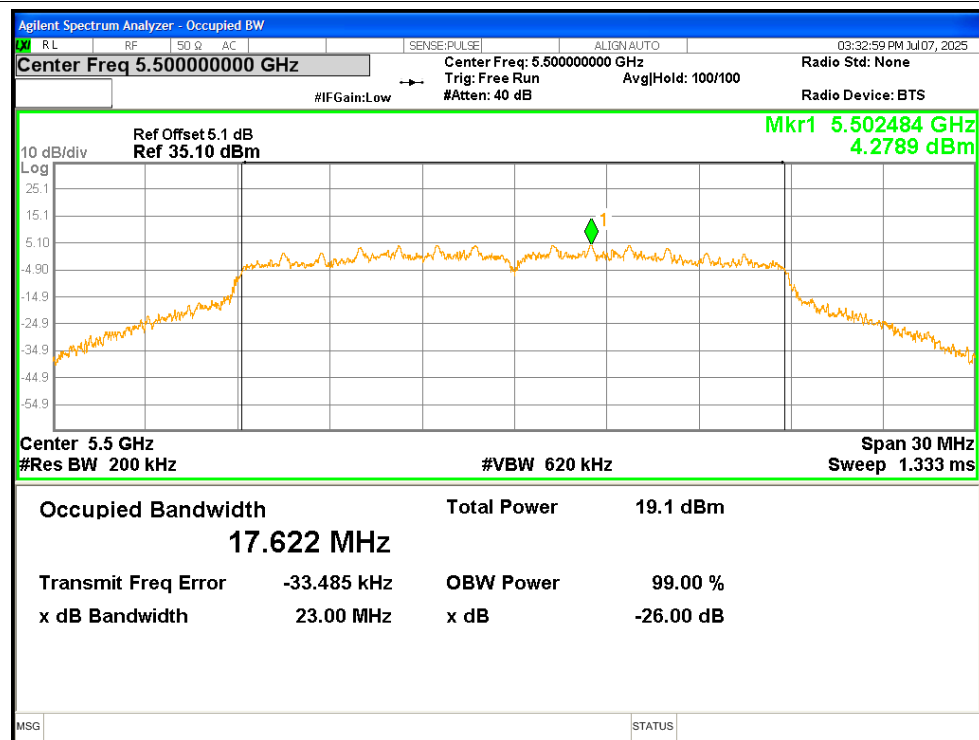
OBW NVNT n40 5550MHz



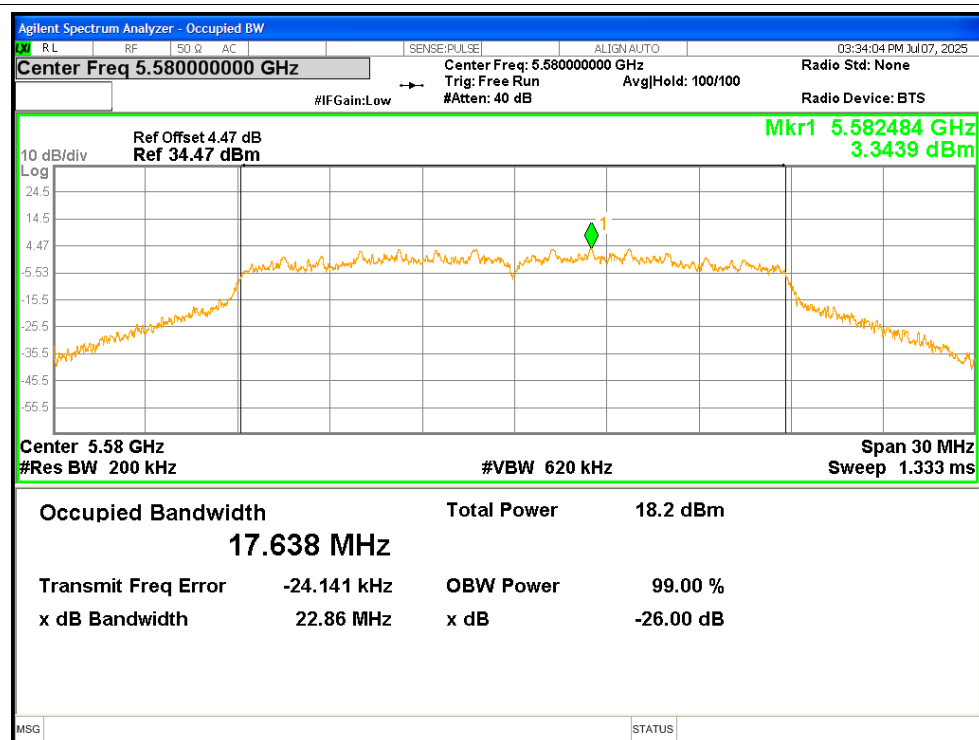
OBW NVNT n40 5670MHz



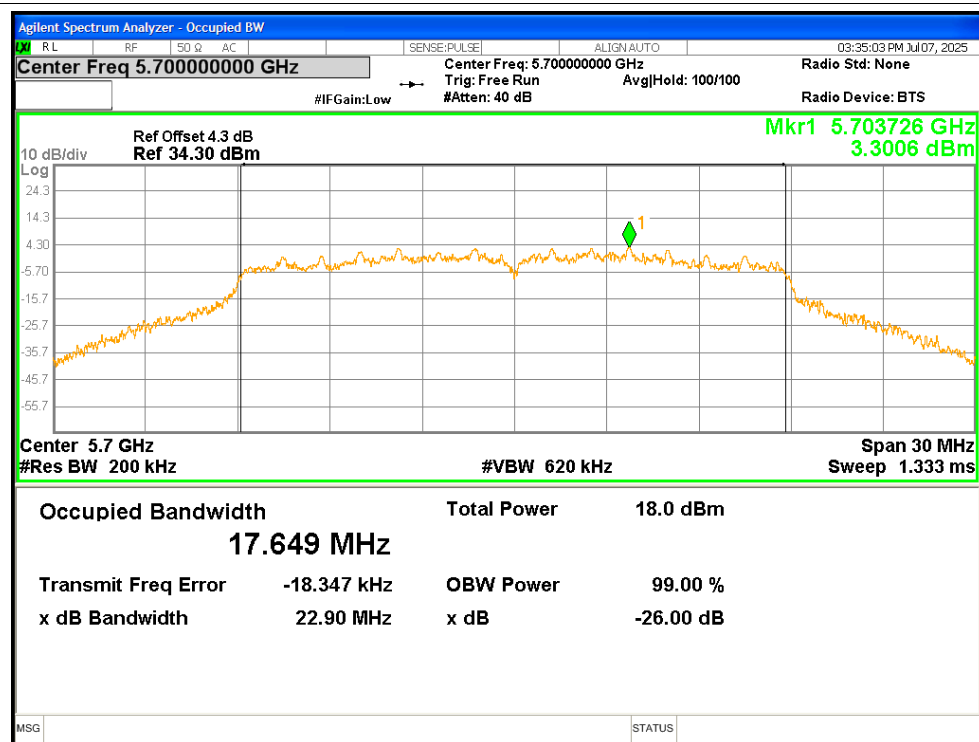
OBW NVNT ac20 5500MHz



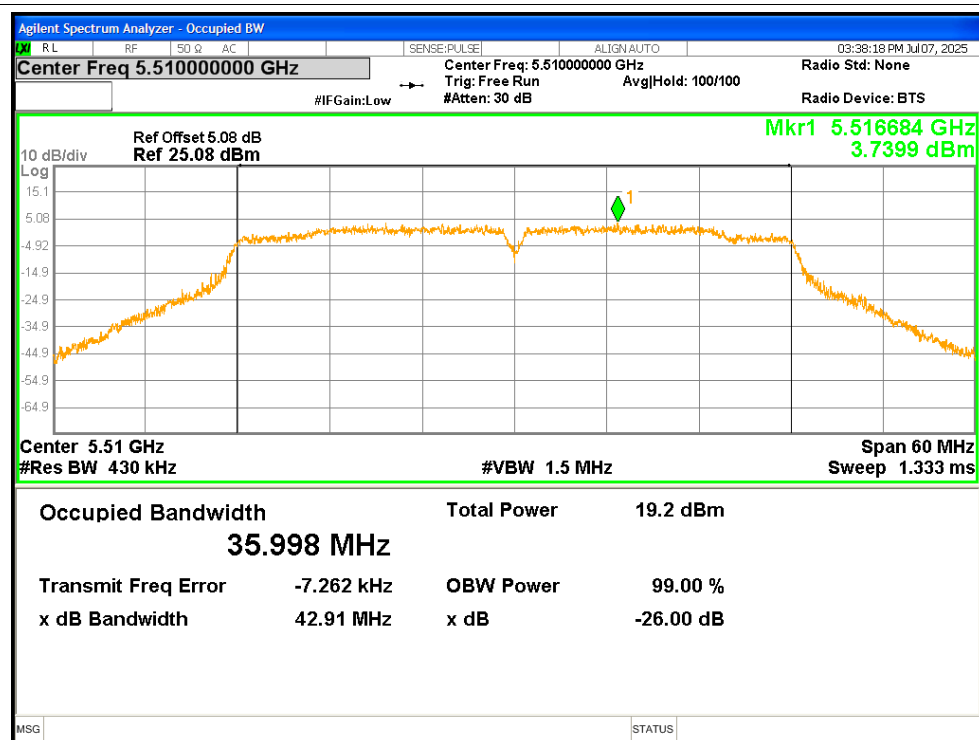
OBW NVNT ac20 5580MHz



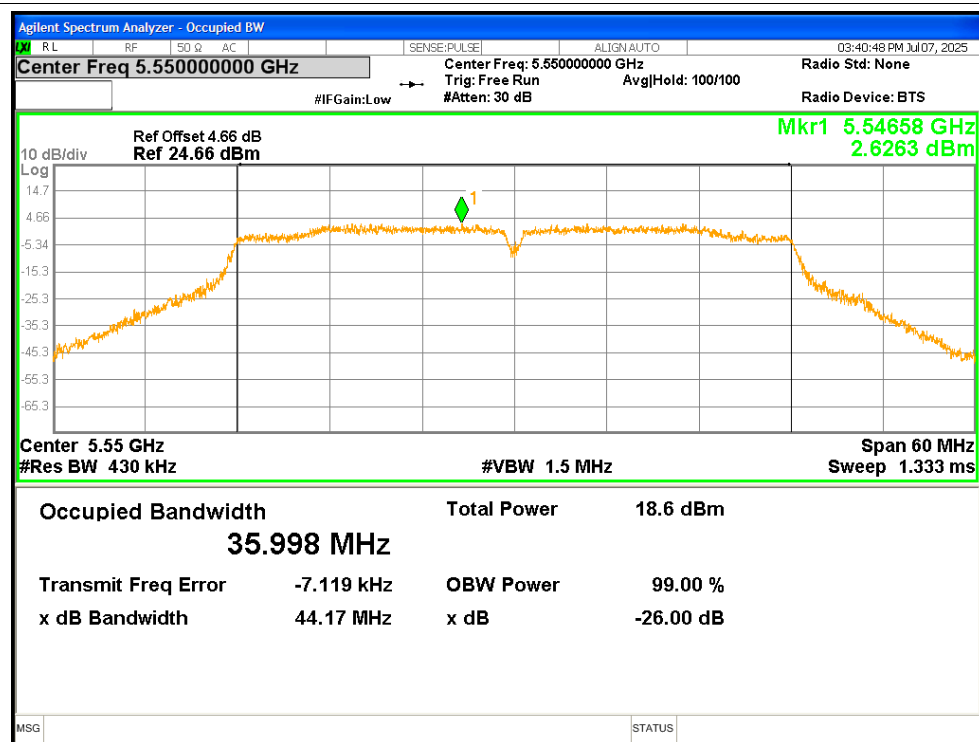
OBW NVNT ac20 5700MHz



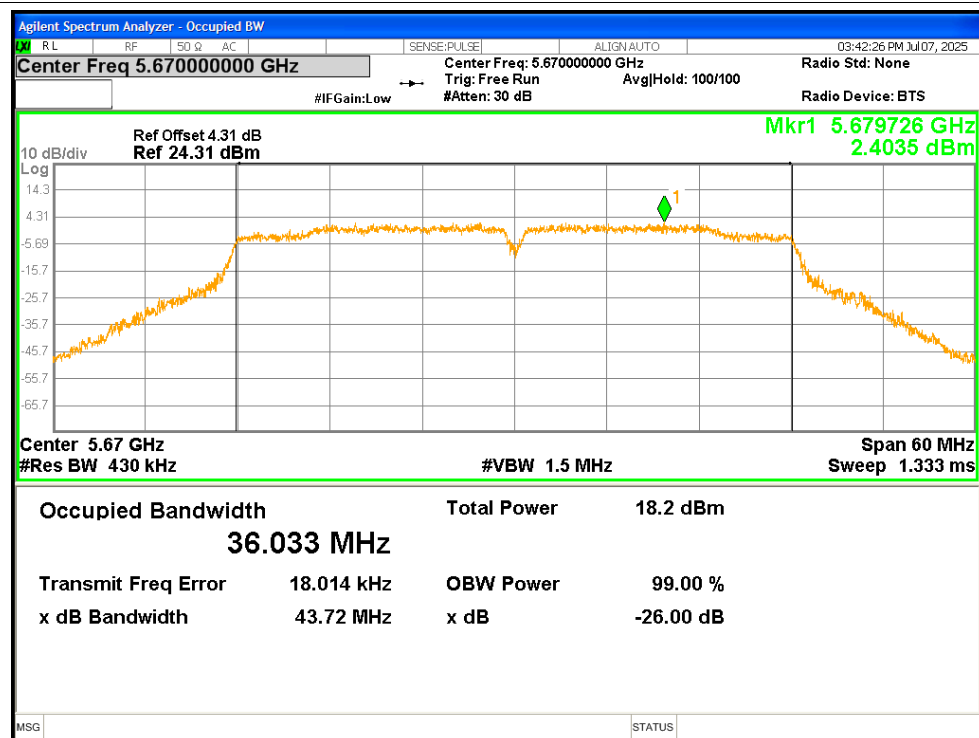
OBW NVNT ac40 5510MHz



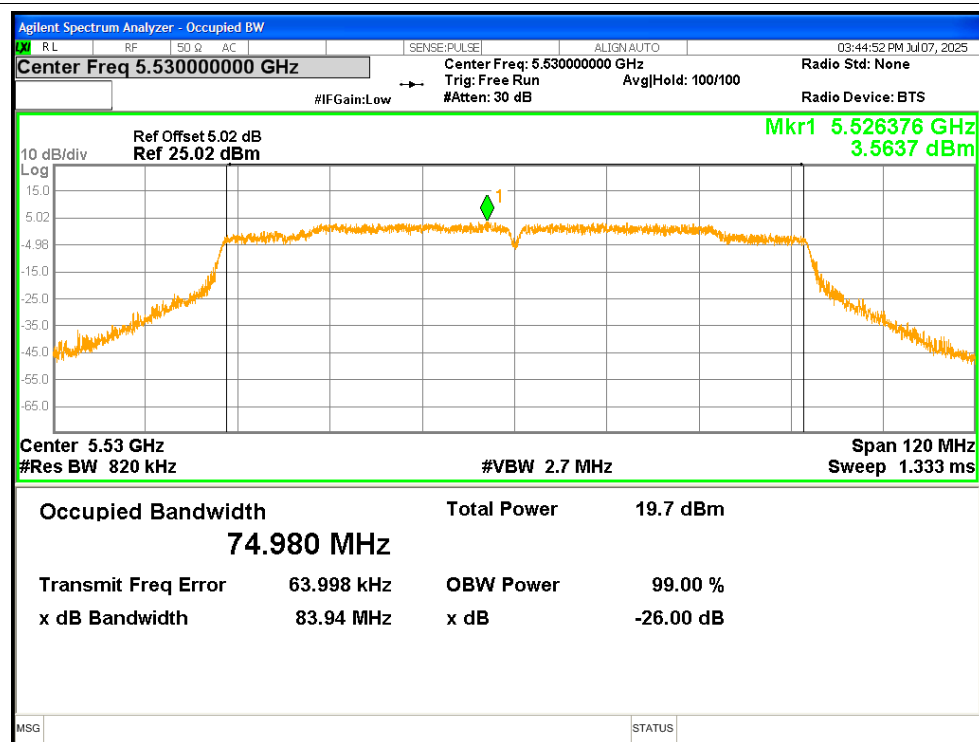
OBW NVNT ac40 5550MHz

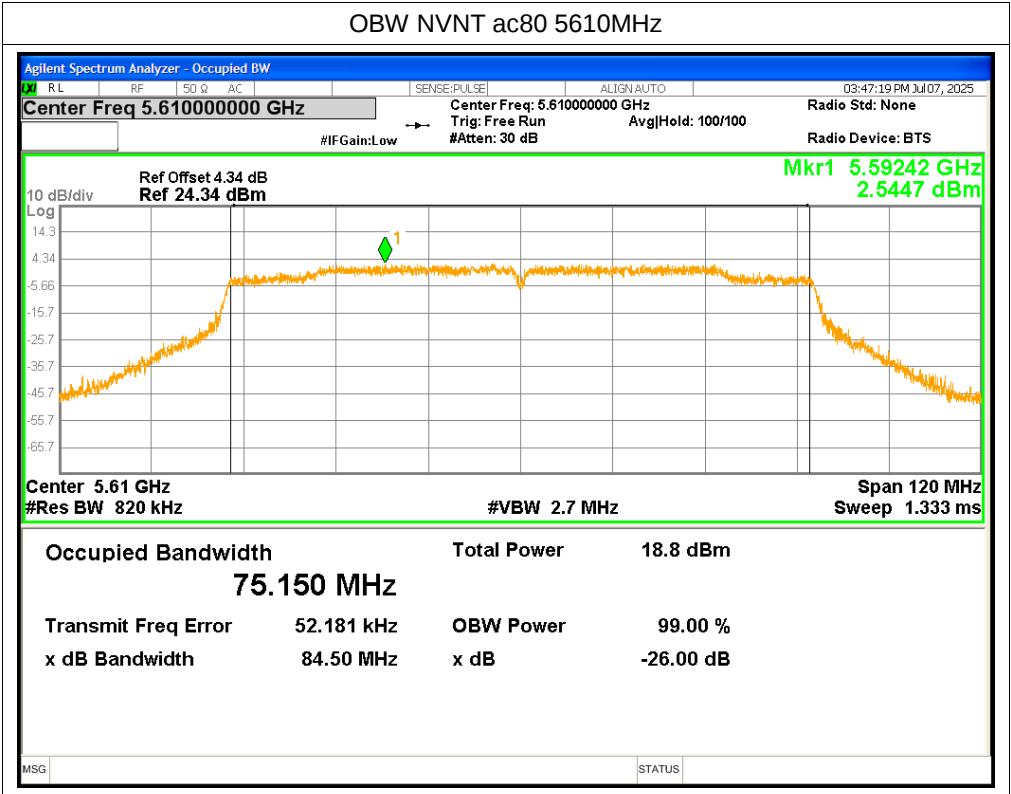


OBW NVNT ac40 5670MHz



OBW NVNT ac80 5530MHz



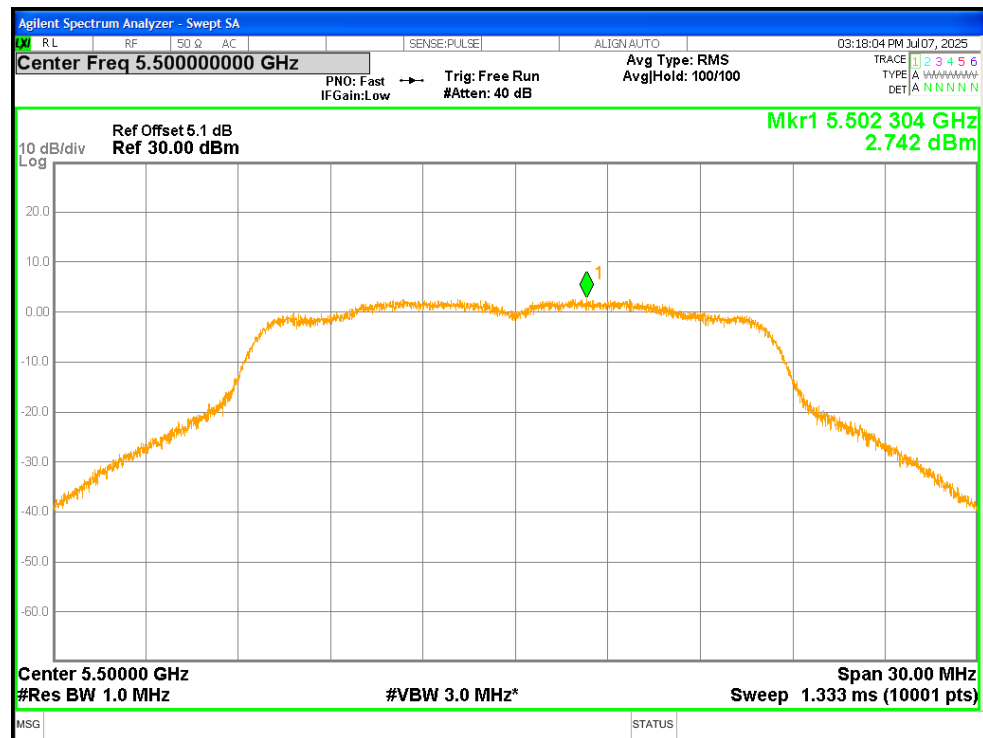


Maximum Power Spectral Density Level

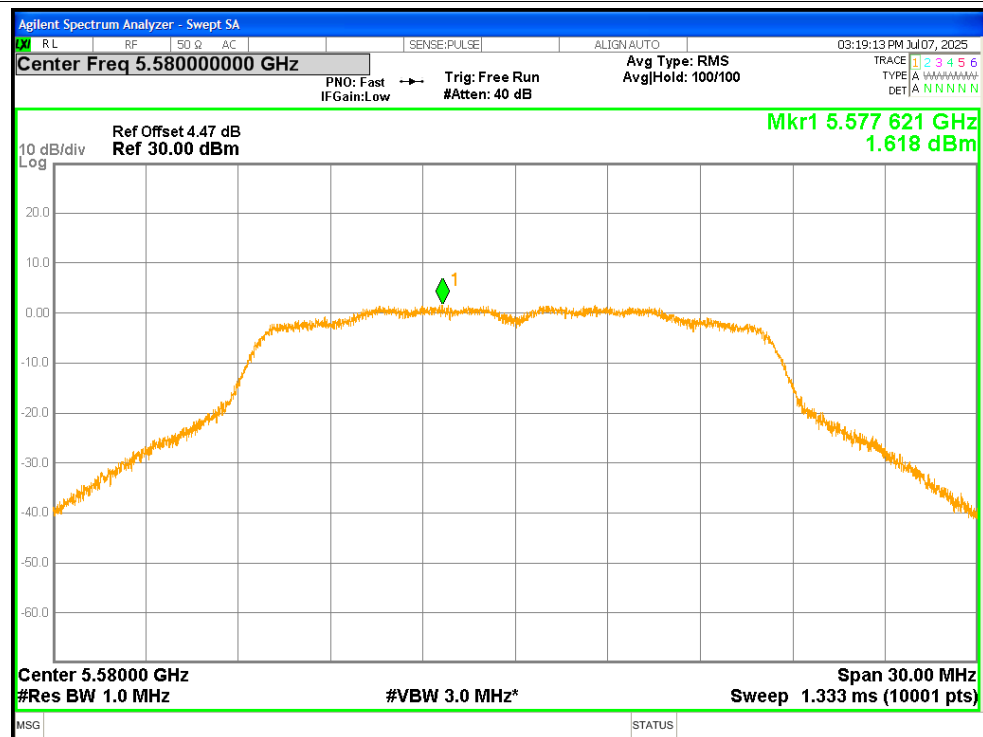
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	2.742	0.95	3.692	<=11	Pass
NVNT	a	5580	1.618	0.96	2.578	<=11	Pass
NVNT	a	5700	1.466	0.99	2.456	<=11	Pass
NVNT	n20	5500	2.535	0.89	3.425	<=11	Pass
NVNT	n20	5580	1.585	0.89	2.475	<=11	Pass
NVNT	n20	5700	1.412	0.89	2.302	<=11	Pass
NVNT	n40	5510	-0.263	0.95	0.687	<=11	Pass
NVNT	n40	5550	-1.019	0.92	-0.099	<=11	Pass
NVNT	n40	5670	-0.88	0.93	0.05	<=11	Pass
NVNT	ac20	5500	2.576	0.9	3.476	<=11	Pass
NVNT	ac20	5580	1.576	0.92	2.496	<=11	Pass
NVNT	ac20	5700	1.672	0.91	2.582	<=11	Pass
NVNT	ac40	5510	-0.454	1	0.546	<=11	Pass
NVNT	ac40	5550	-1.113	0.98	-0.133	<=11	Pass
NVNT	ac40	5670	-1.709	1.03	-0.679	<=11	Pass
NVNT	ac80	5530	-3.741	1.09	-2.651	<=11	Pass
NVNT	ac80	5610	-4.216	1.05	-3.166	<=11	Pass

Test Graphs

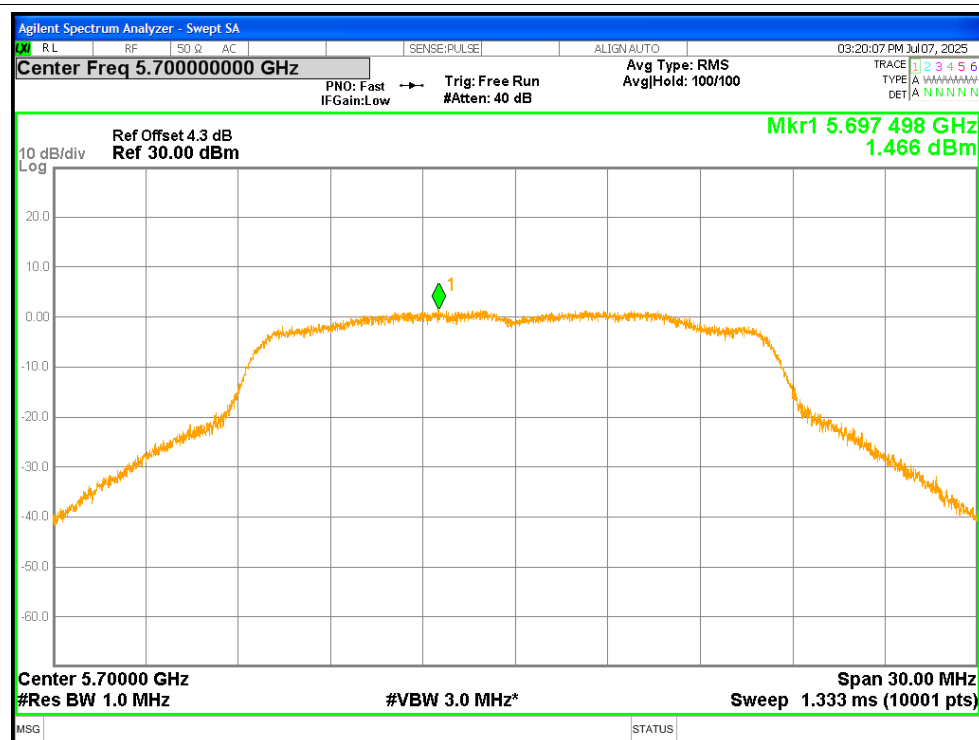
PSD NVNT a 5500MHz



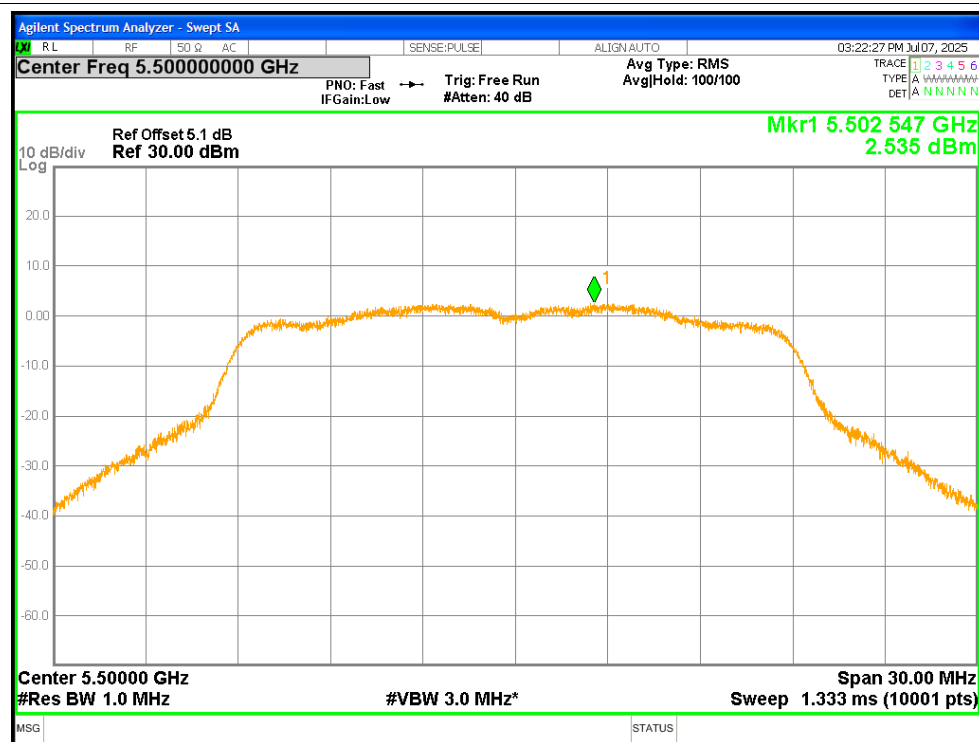
PSD NVNT a 5580MHz



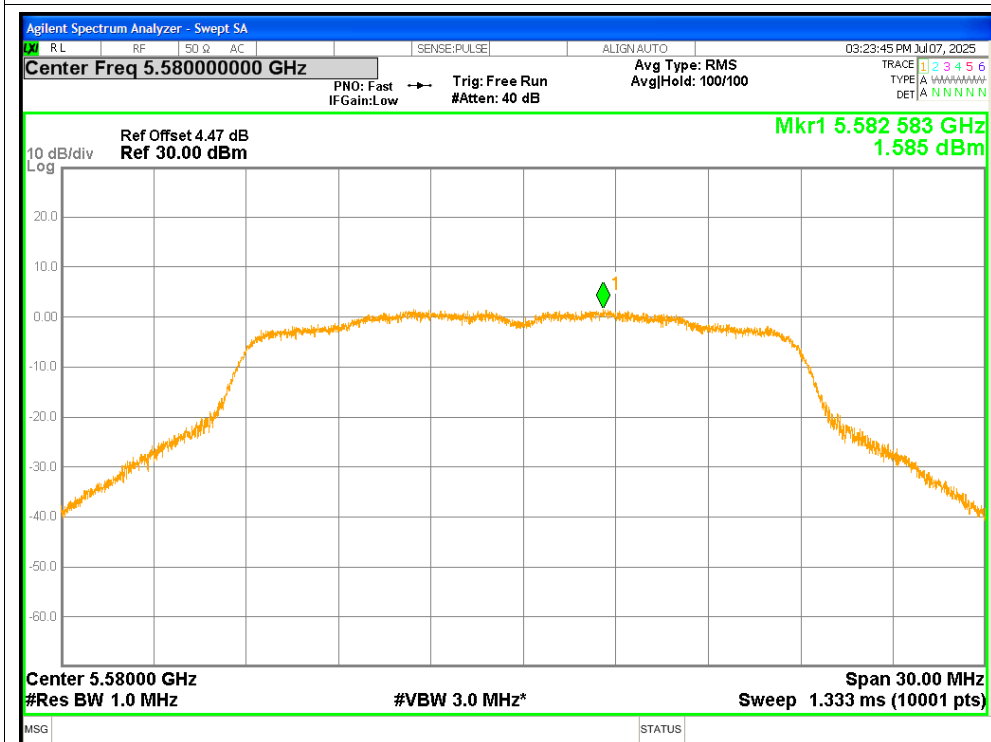
PSD NVNT a 5700MHz



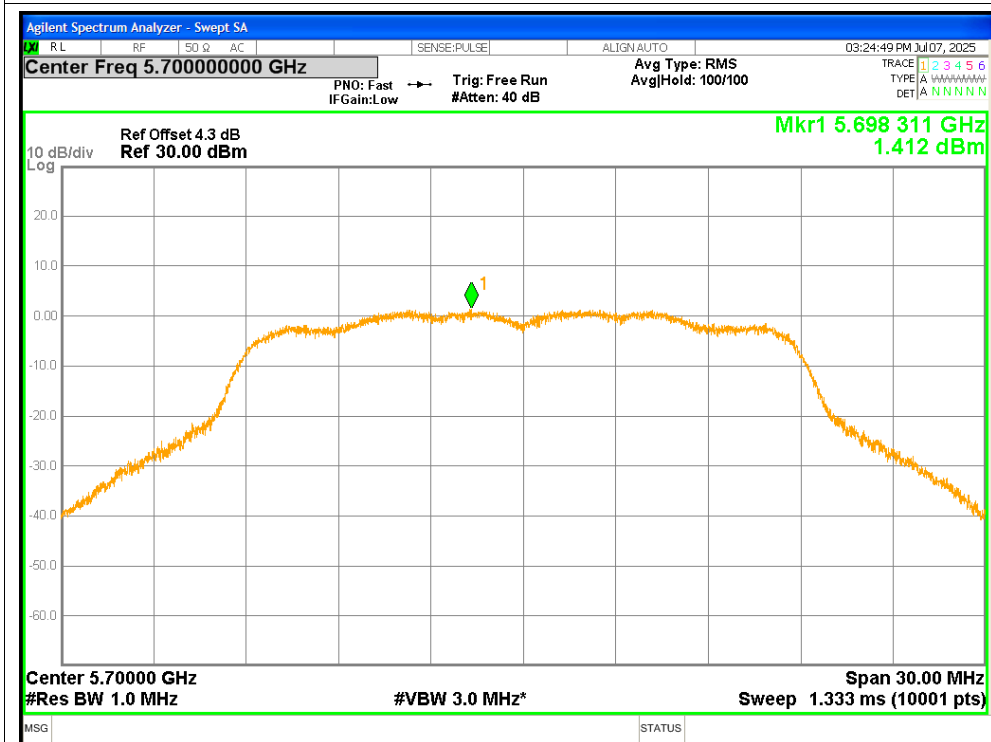
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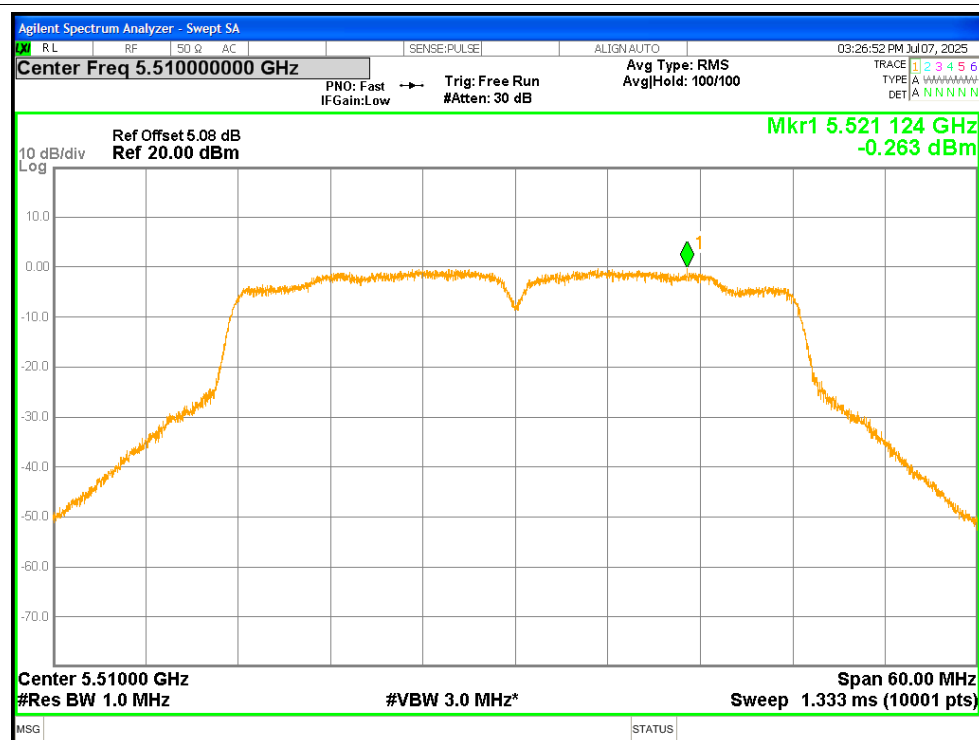
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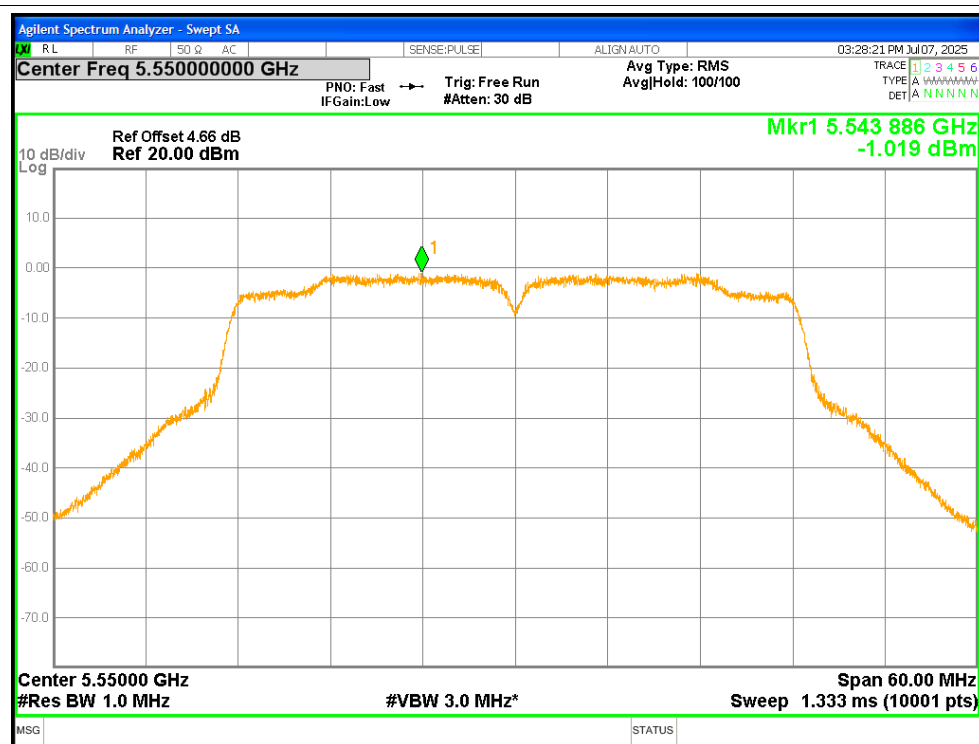
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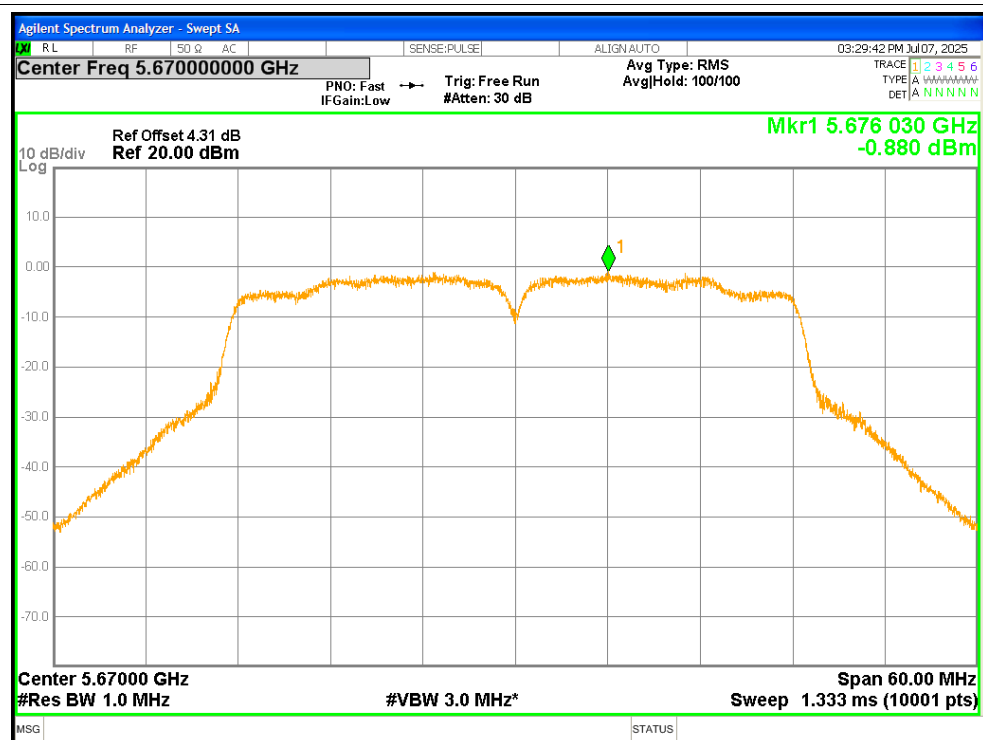
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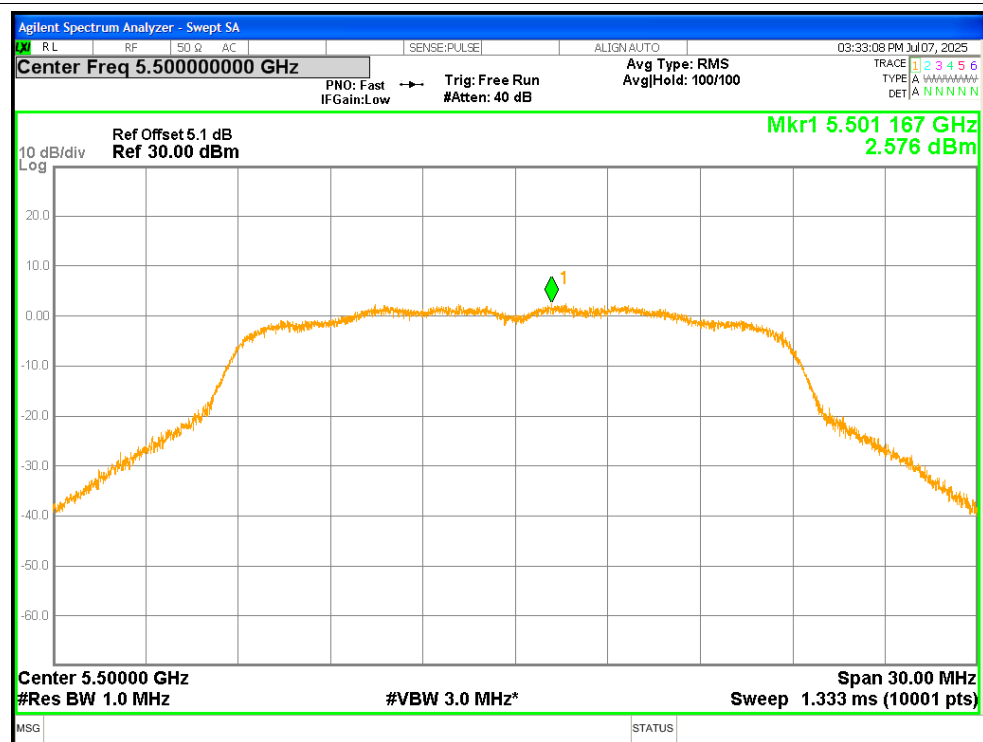
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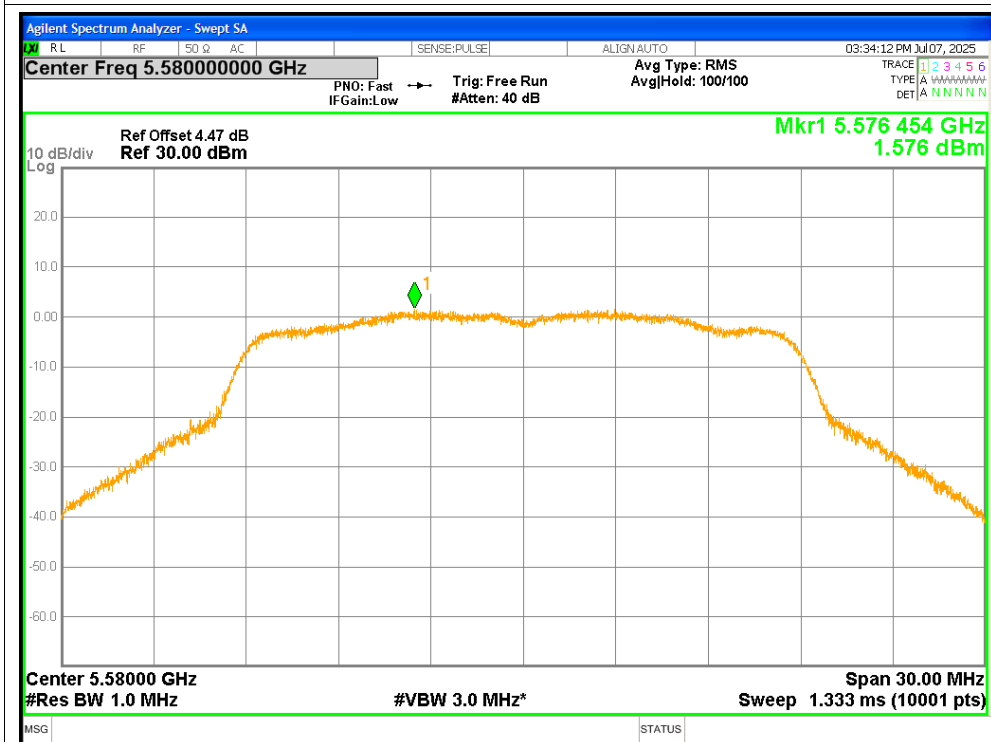
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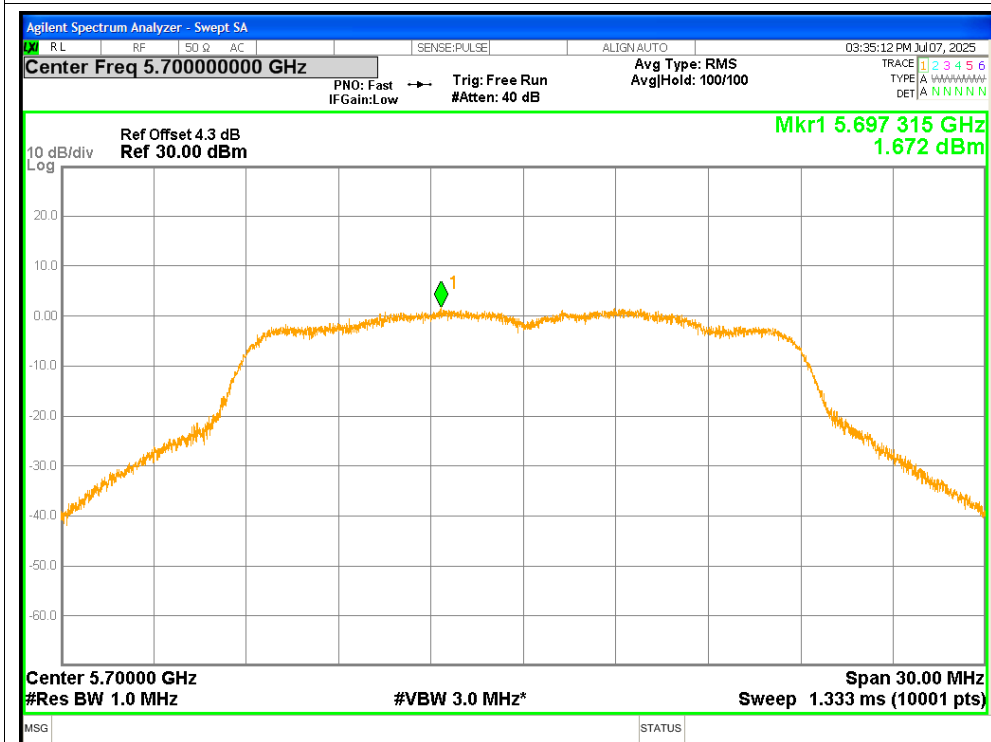
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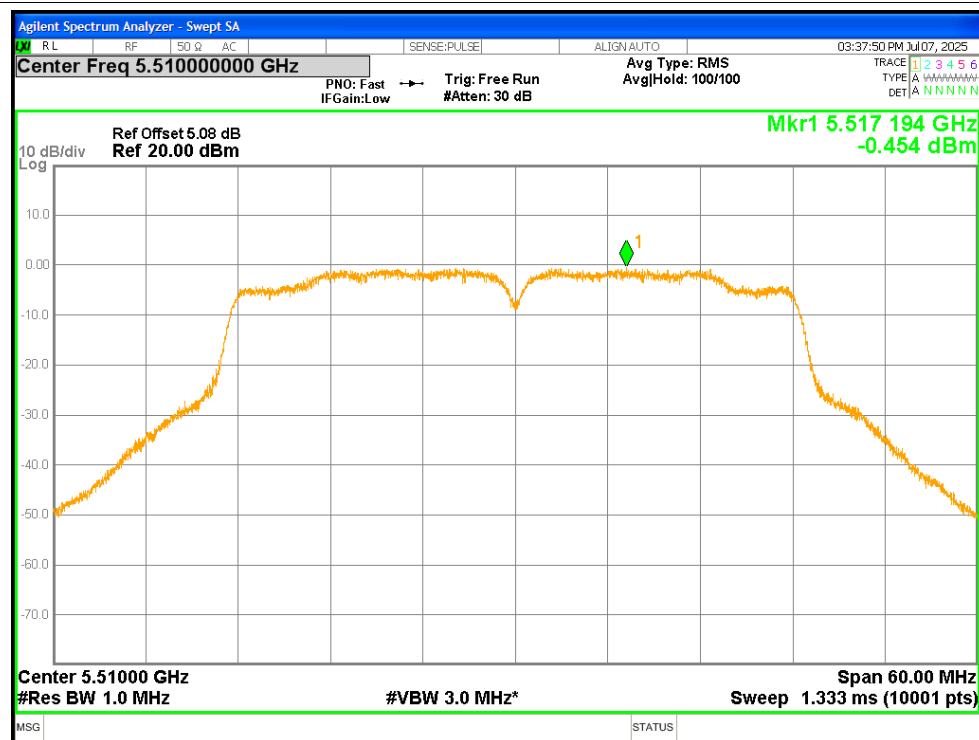
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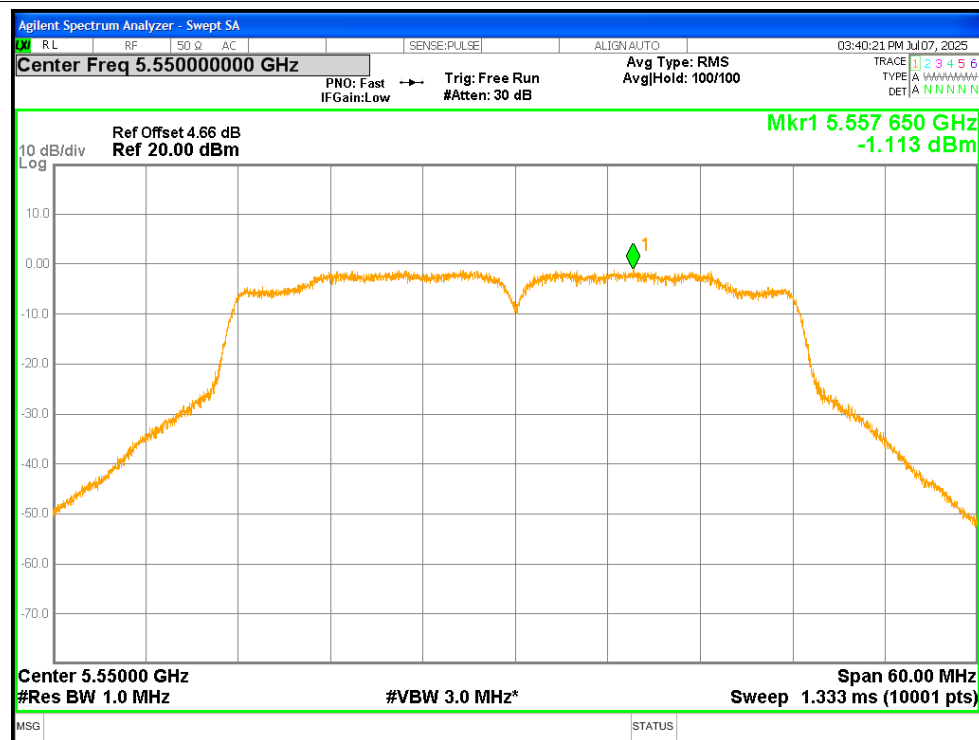
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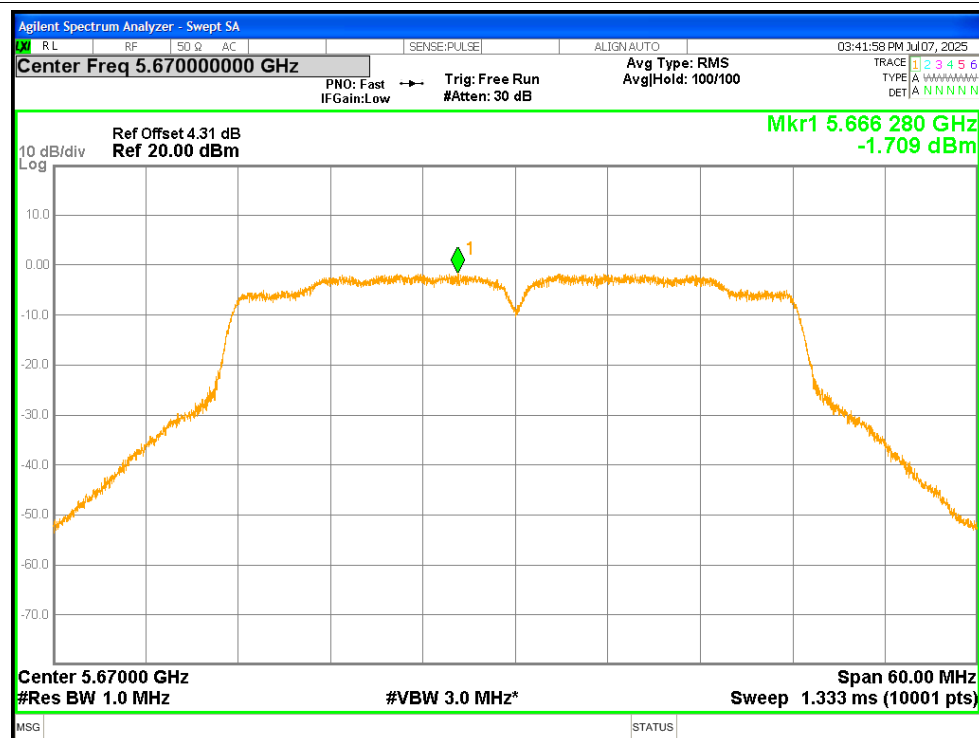
PSD NVNT ac40 5510MHz



PSD NVNT ac40 5550MHz



PSD NVNT ac40 5670MHz



PSD NVNT ac80 5530MHz

