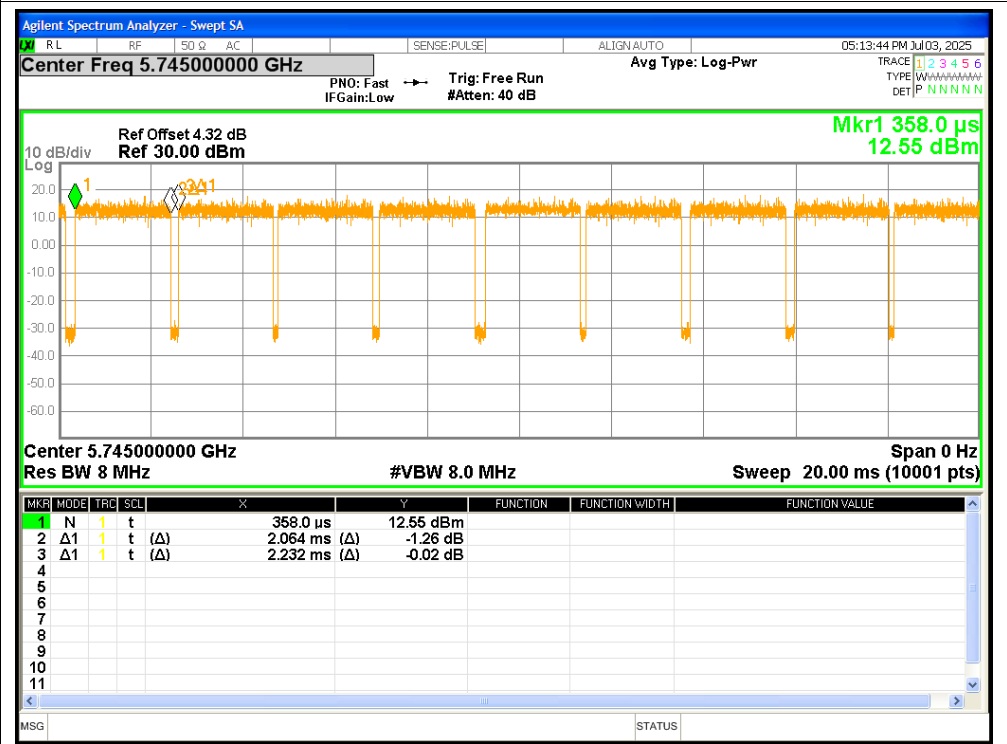


Duty Cycle

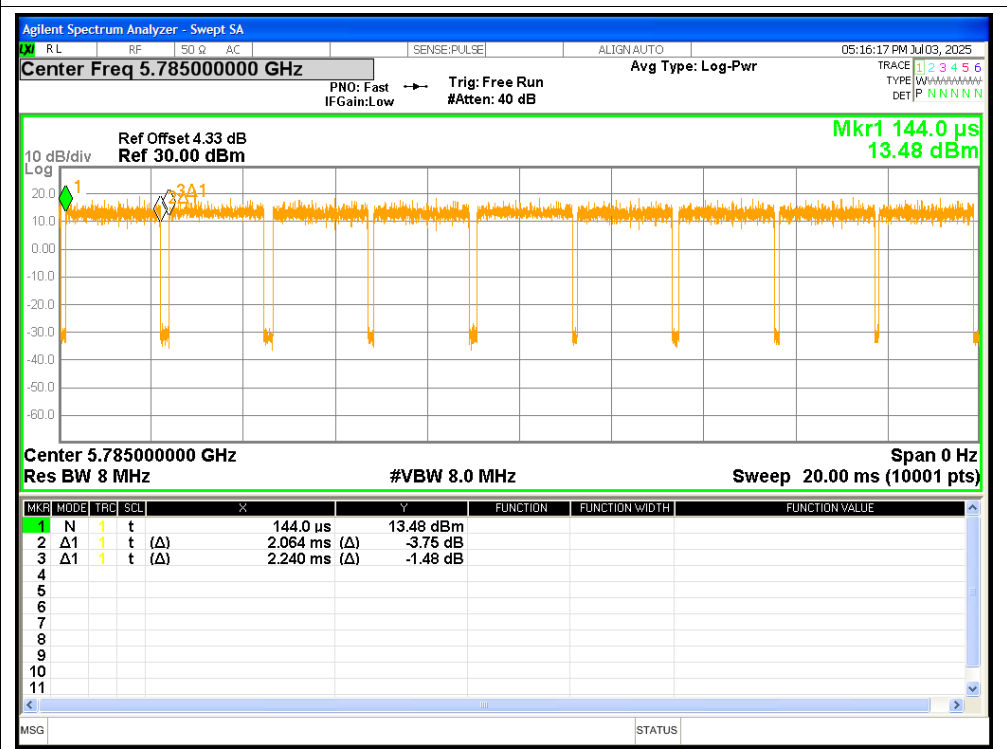
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	2.064	2.232	92.47	0.34	0.48
NVNT	a	5785	2.064	2.24	92.14	0.36	0.48
NVNT	a	5825	2.064	2.232	92.47	0.34	0.48
NVNT	n20	5745	1.92	2.098	91.52	0.38	0.52
NVNT	n20	5785	1.92	2.106	91.17	0.4	0.52
NVNT	n20	5825	1.92	2.106	91.17	0.4	0.52
NVNT	n40	5755	0.944	1.13	83.54	0.78	1.06
NVNT	n40	5795	0.944	1.112	84.89	0.71	1.06

Test Graphs

Duty Cycle NVNT a 5745MHz



Duty Cycle NVNT a 5785MHz



Duty Cycle NVNT a 5825MHz

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.82500000 GHz

Ref Offset 4.54 dB
Ref 30.00 dBm

Mkr1 388.0 μ s
12.39 dBm

MKS	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	388.0 μ s	12.39 dBm			
2	Δ 1	1	t	2.064 ms (Δ)	-2.12 dB			
3	Δ 1	1	t	2.232 ms (Δ)	-0.31 dB			

[illegible]

Duty Cycle NVNT n40 5755MHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.75500000 GHz PNO: Fast Trig: Free Run Avg Type: Log-Pwr 05:27:05 PM Jul 03, 2025

Ref Offset 4.26 dB Ref 30.00 dBm Mkr1 929.0 μ s -1.28 dBm

Center 5.75500000 GHz Res BW 8 MHz #VBW 8.0 MHz Span 0 Hz Sweep 10.00 ms (10001 pts)

MKS	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	929.0 μ s	-1.28 dBm			
2	Δ 1	1	t	(Δ)	944.0 μ s (Δ)			
3	Δ 1	1	t	(Δ)	1.130 ms (Δ)			

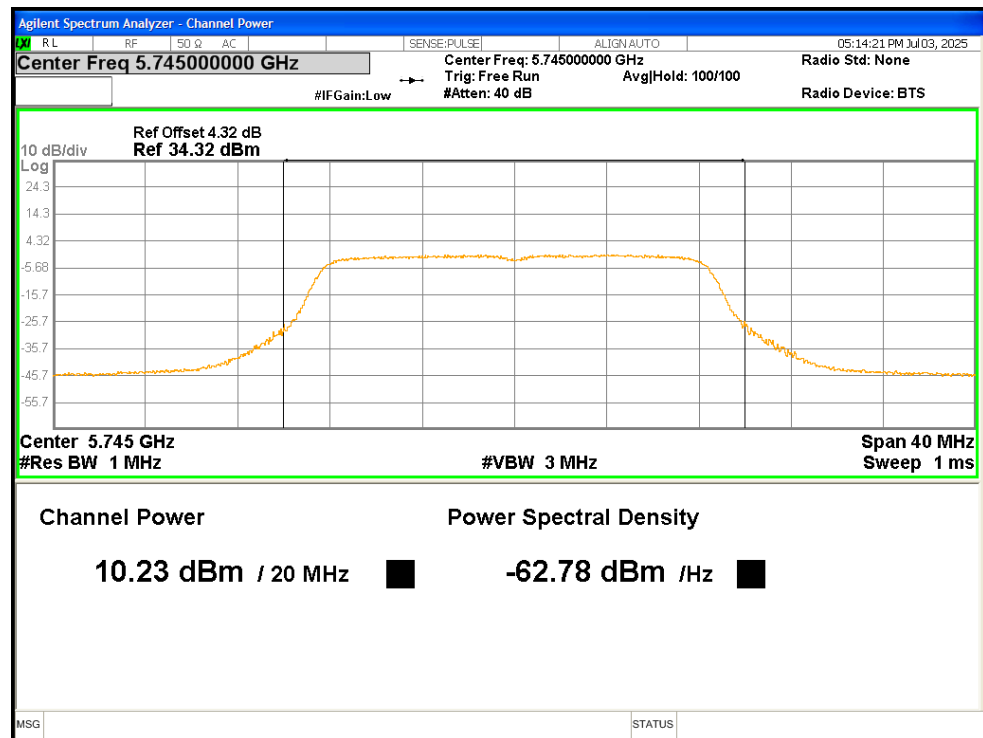
[illegible]

Maximum Conducted Output Power

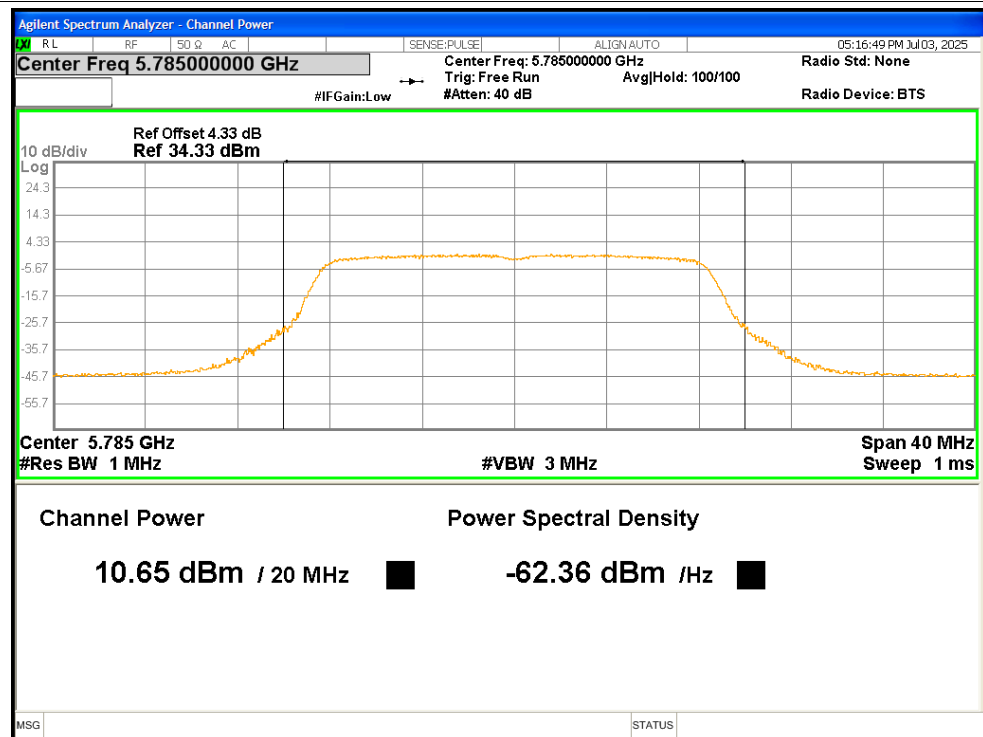
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	10.23	0.34	10.57	<=30	Pass
NVNT	a	5785	10.65	0.36	11.01	<=30	Pass
NVNT	a	5825	10.22	0.34	10.56	<=30	Pass
NVNT	n20	5745	10.29	0.38	10.67	<=30	Pass
NVNT	n20	5785	10.54	0.4	10.94	<=30	Pass
NVNT	n20	5825	10.27	0.4	10.67	<=30	Pass
NVNT	n40	5755	9.77	0.78	10.55	<=30	Pass
NVNT	n40	5795	10.03	0.71	10.74	<=30	Pass

Test Graphs

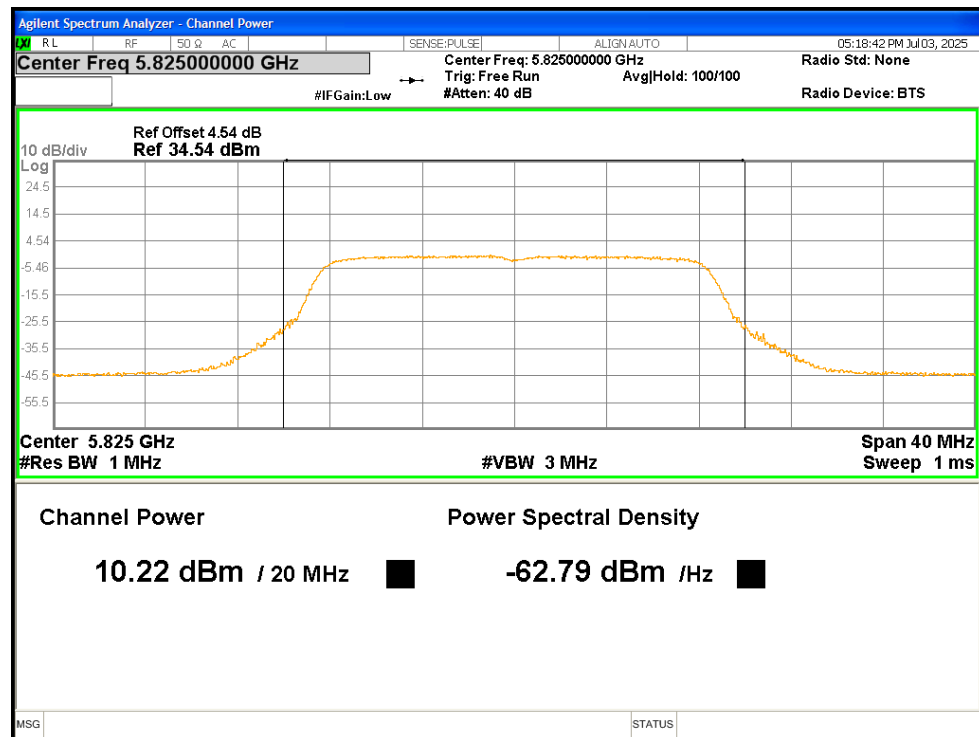
Power NVNT a 5745MHz



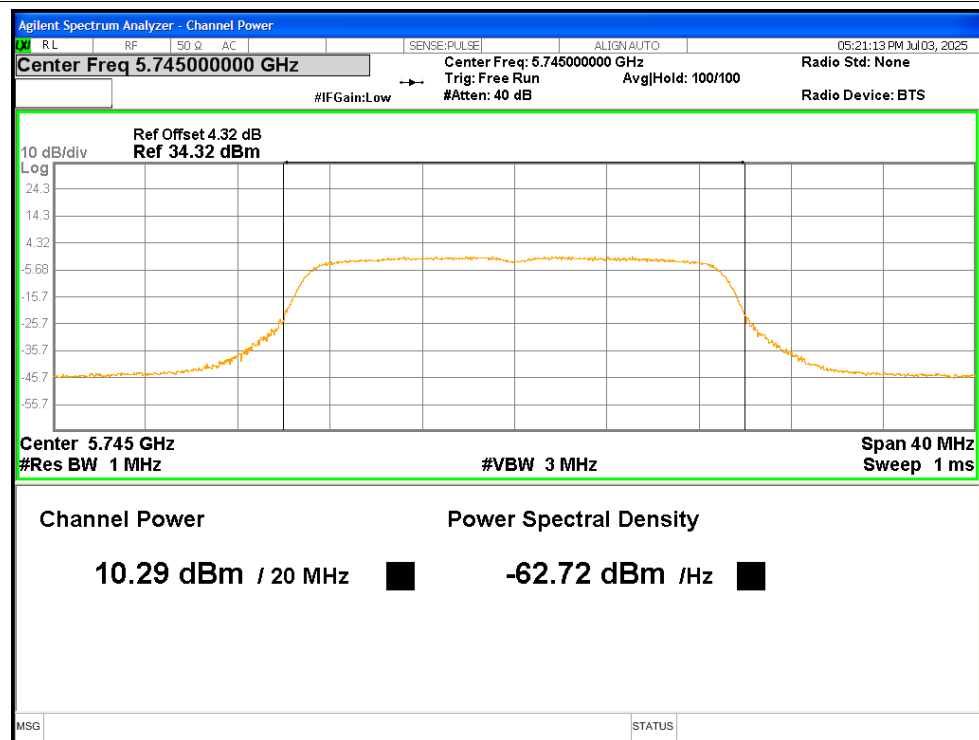
Power NVNT a 5785MHz



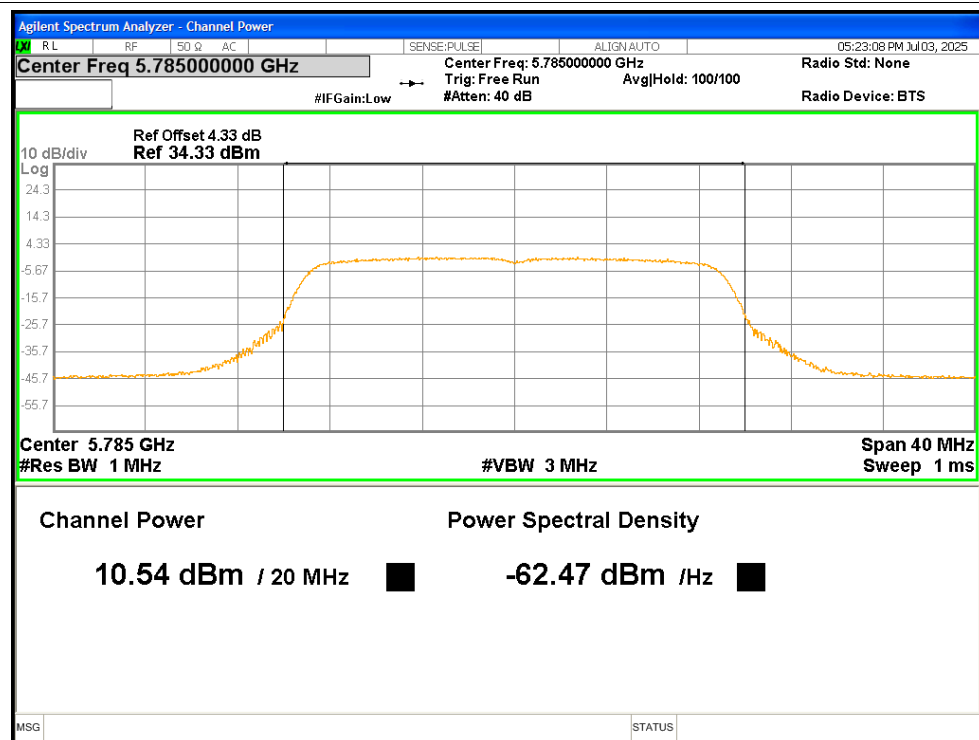
Power NVNT a 5825MHz



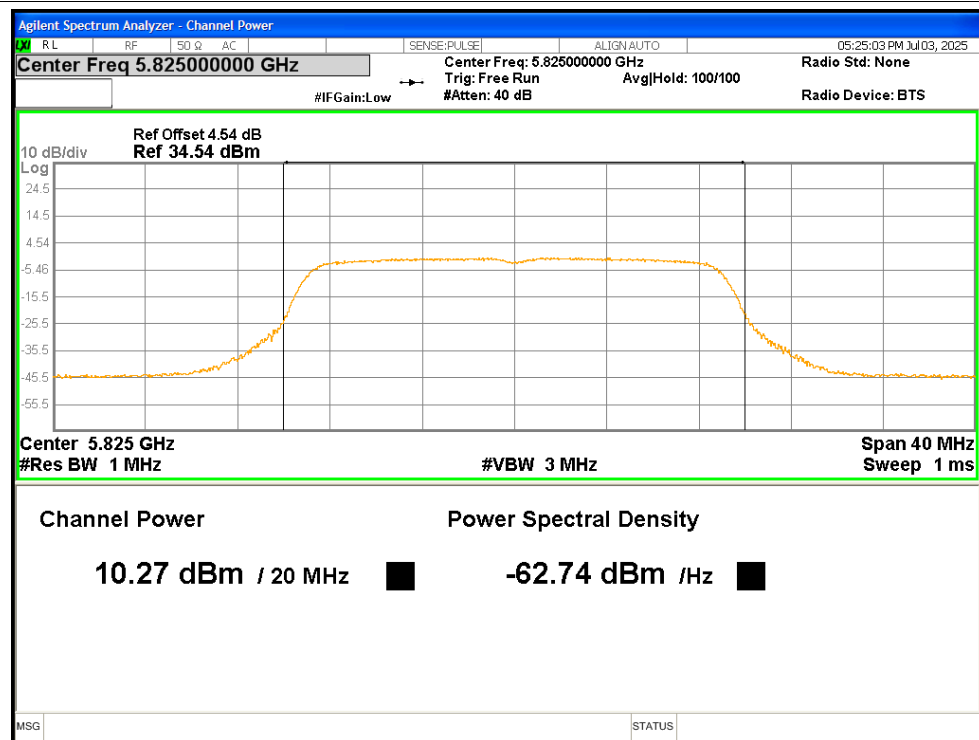
Power NVNT n20 5745MHz



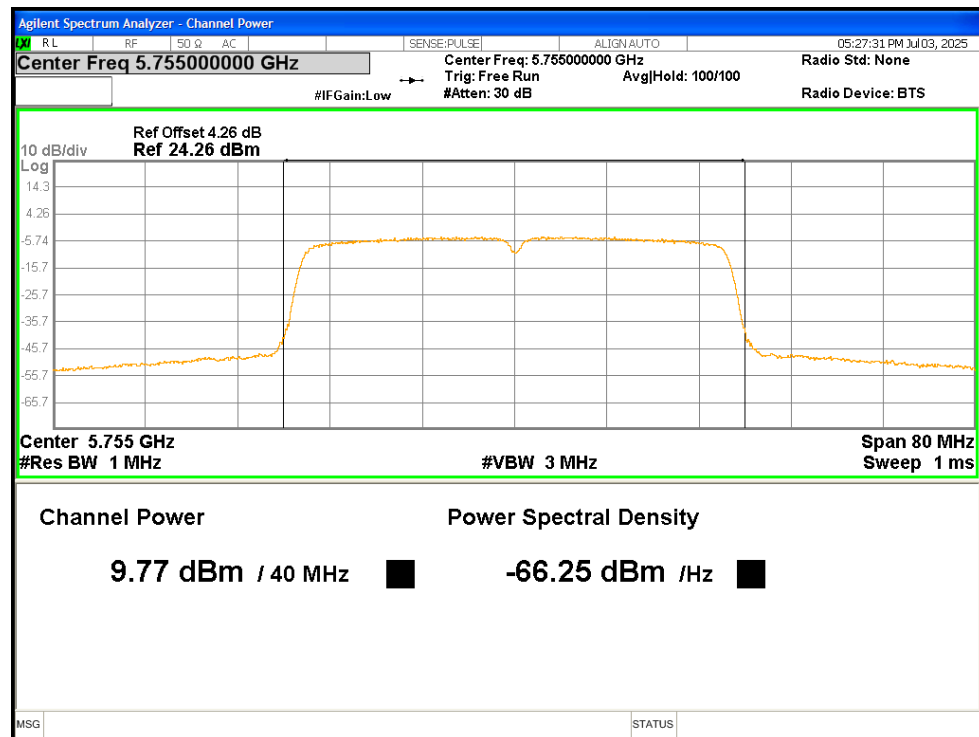
Power NVNT n20 5785MHz



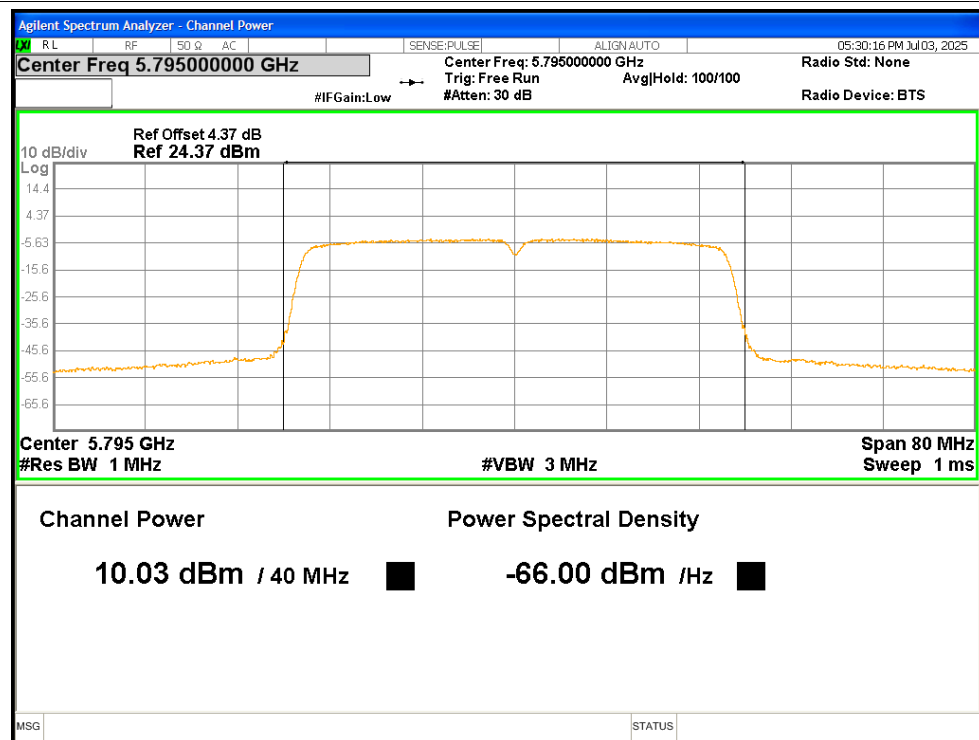
Power NVNT n20 5825MHz



Power NVNT n40 5755MHz



Power NVNT n40 5795MHz

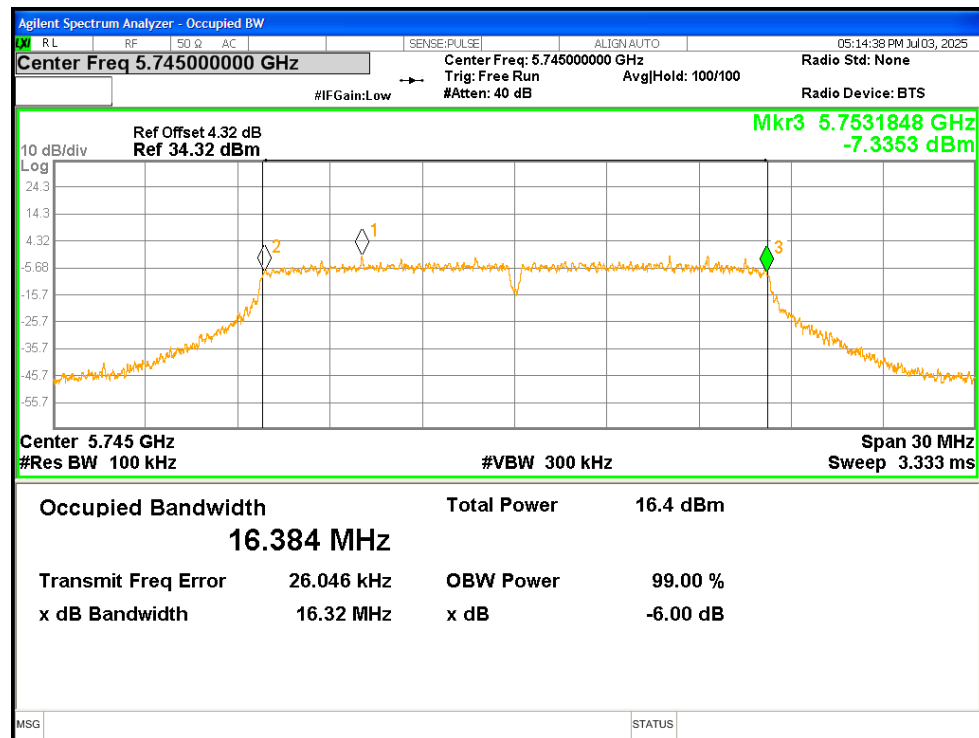


-6dB Bandwidth

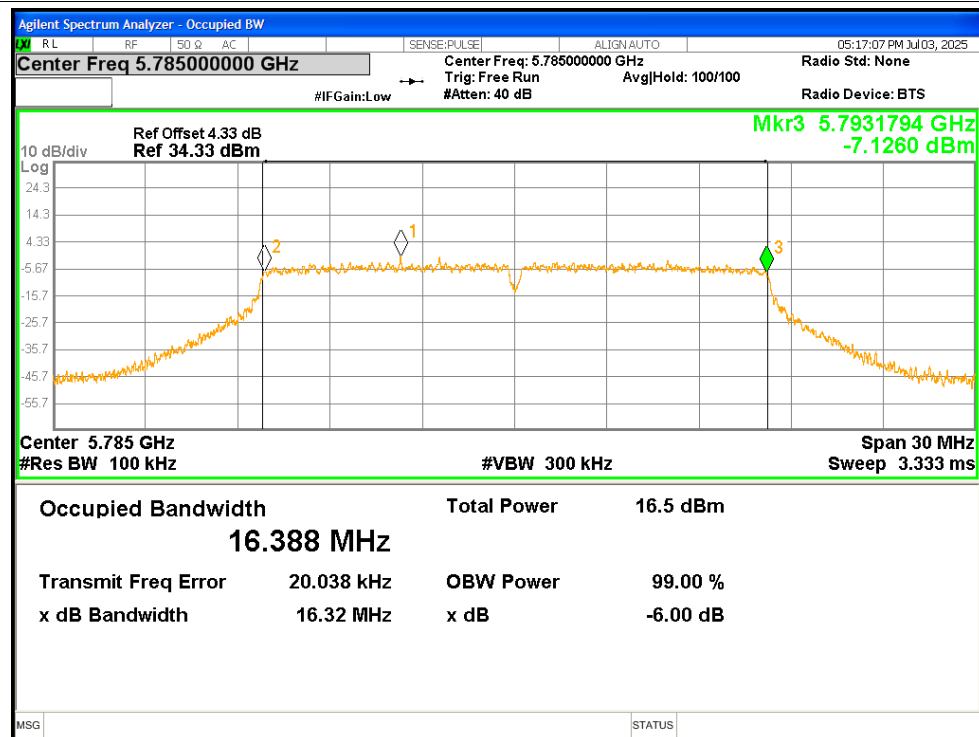
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	16.3175	≥ 0.5	Pass
NVNT	a	5785	16.3188	≥ 0.5	Pass
NVNT	a	5825	15.4305	≥ 0.5	Pass
NVNT	n20	5745	16.9406	≥ 0.5	Pass
NVNT	n20	5785	17.0722	≥ 0.5	Pass
NVNT	n20	5825	16.9047	≥ 0.5	Pass
NVNT	n40	5755	35.065	≥ 0.5	Pass
NVNT	n40	5795	35.1122	≥ 0.5	Pass

Test Graphs

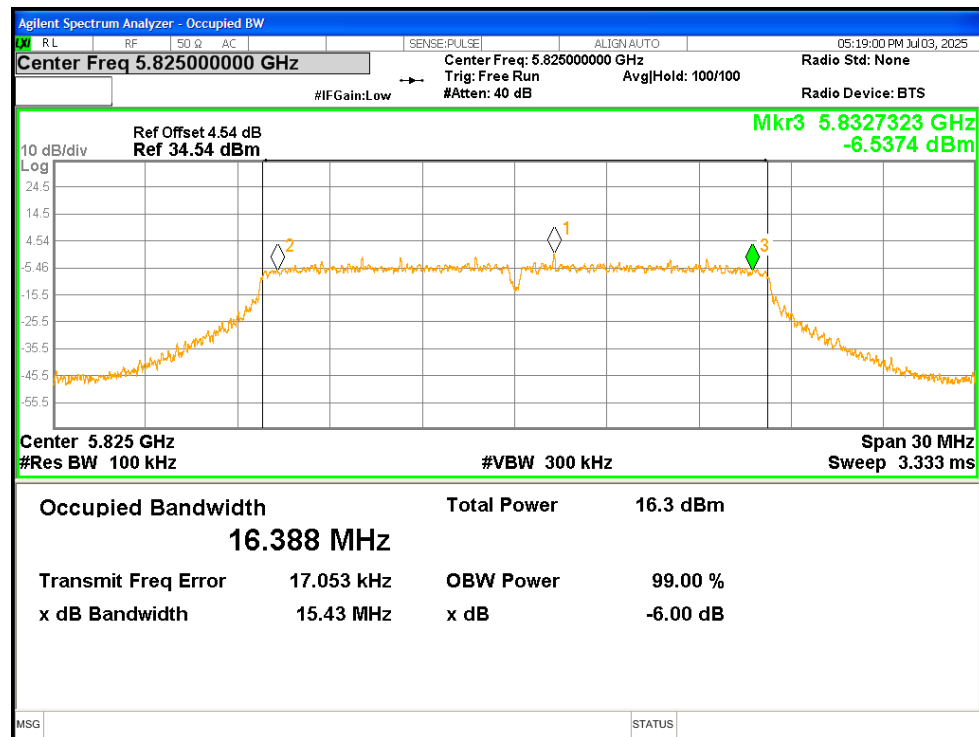
-6dB Bandwidth NVNT a 5745MHz



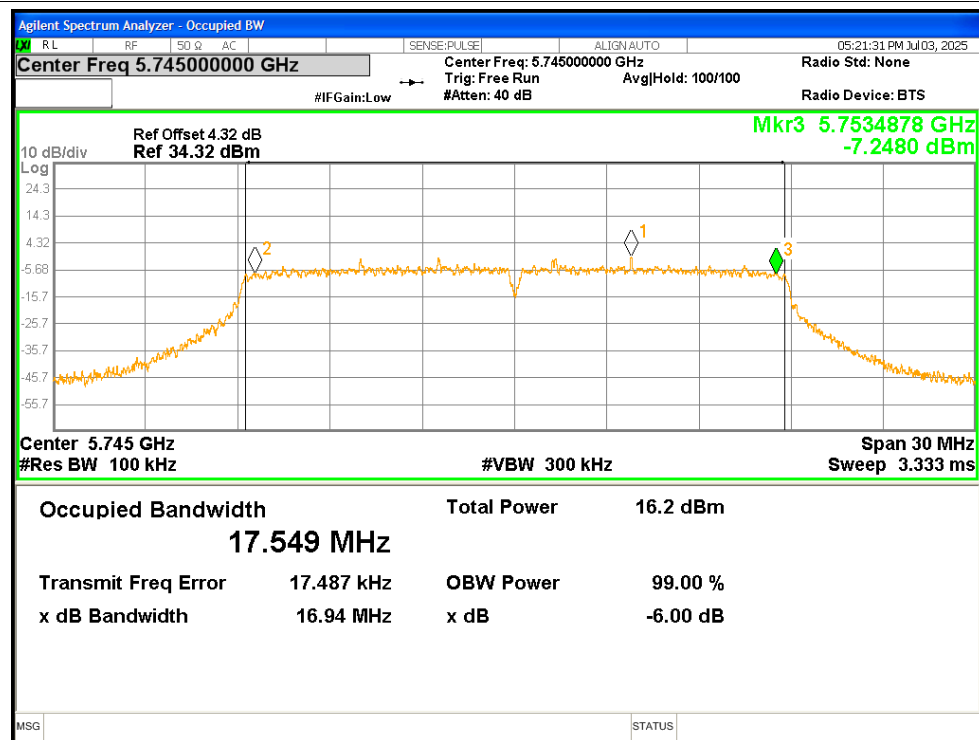
-6dB Bandwidth NVNT a 5785MHz



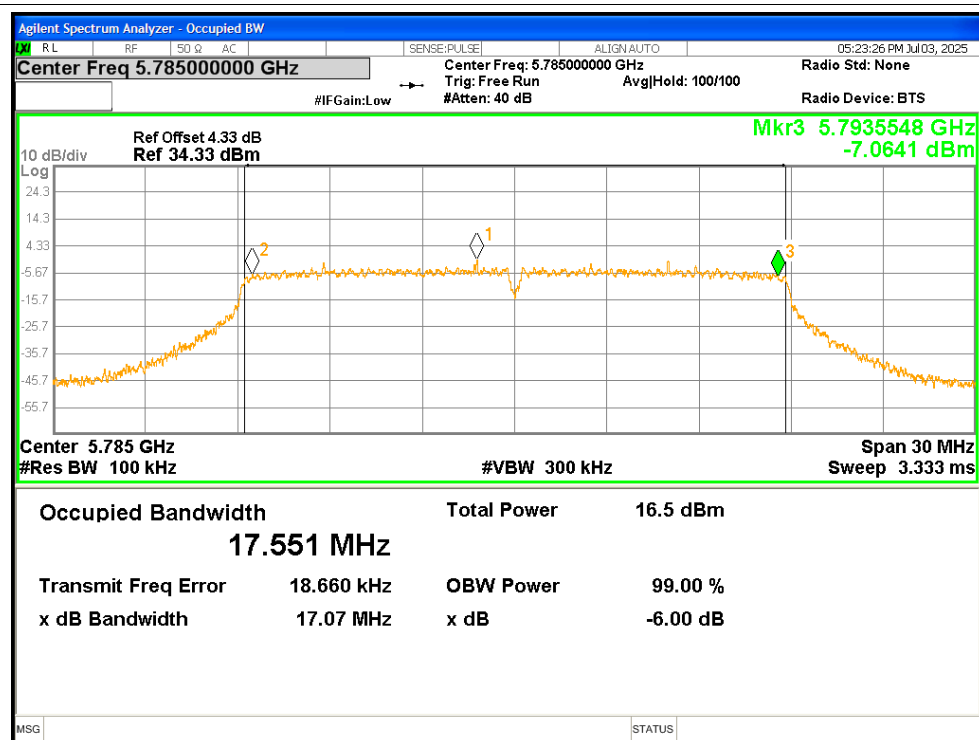
-6dB Bandwidth NVNT a 5825MHz



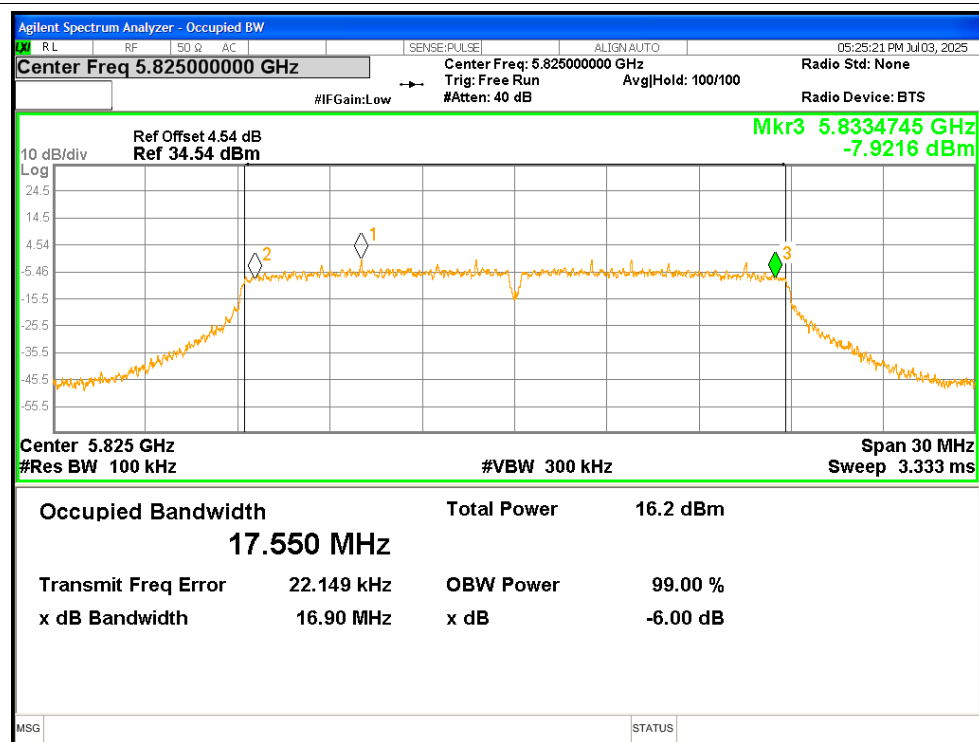
-6dB Bandwidth NVNT n20 5745MHz



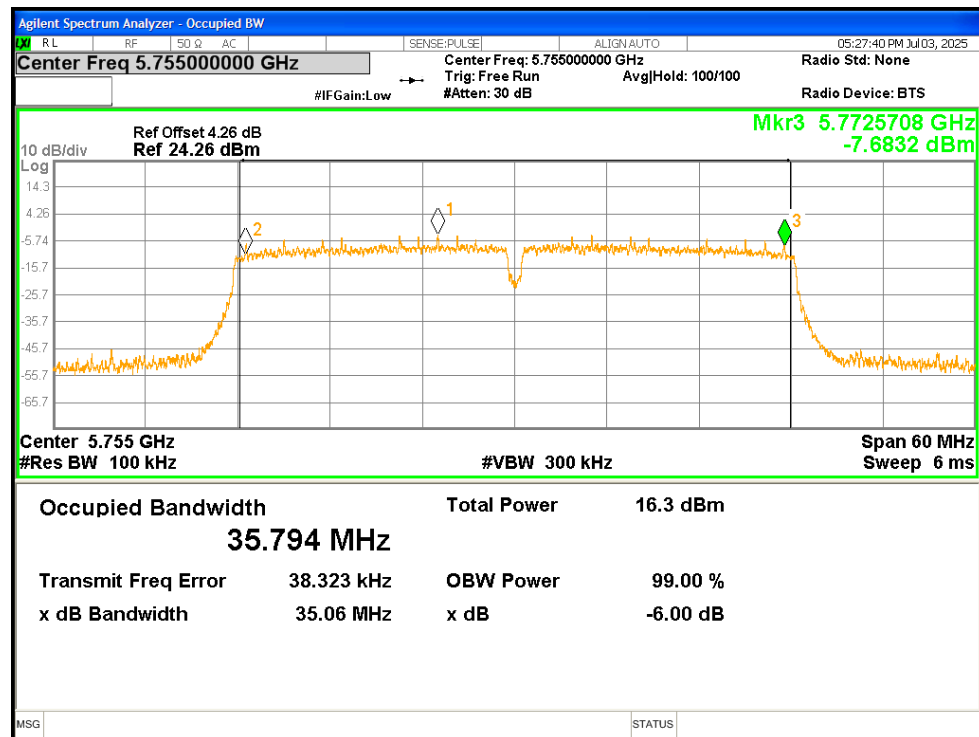
-6dB Bandwidth NVNT n20 5785MHz



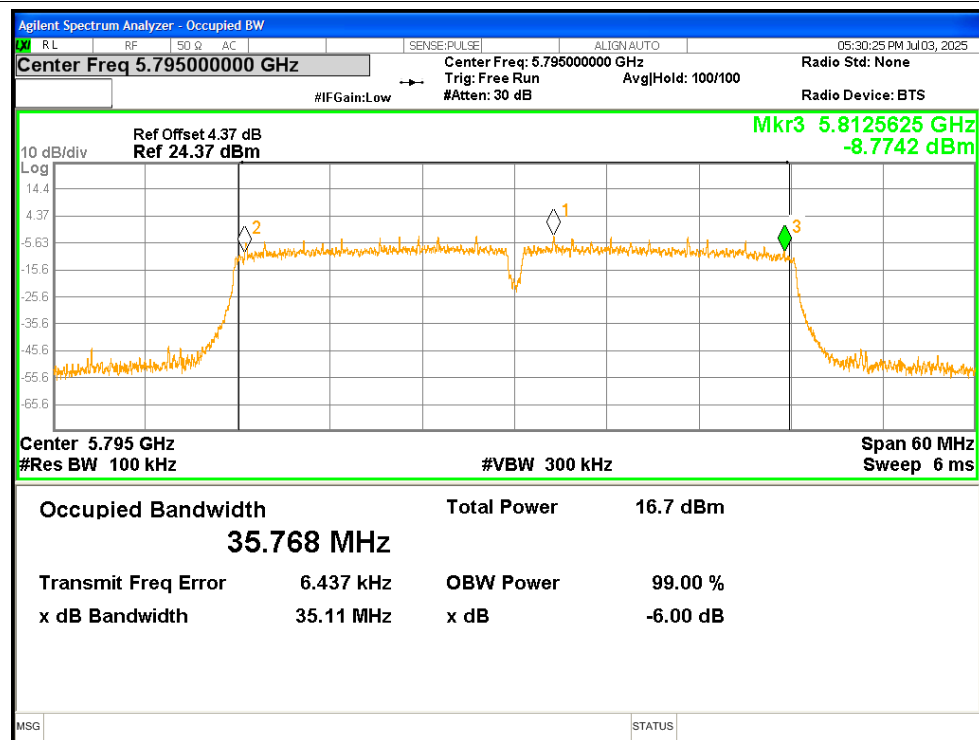
-6dB Bandwidth NVNT n20 5825MHz



-6dB Bandwidth NVNT n40 5755MHz



-6dB Bandwidth NVNT n40 5795MHz

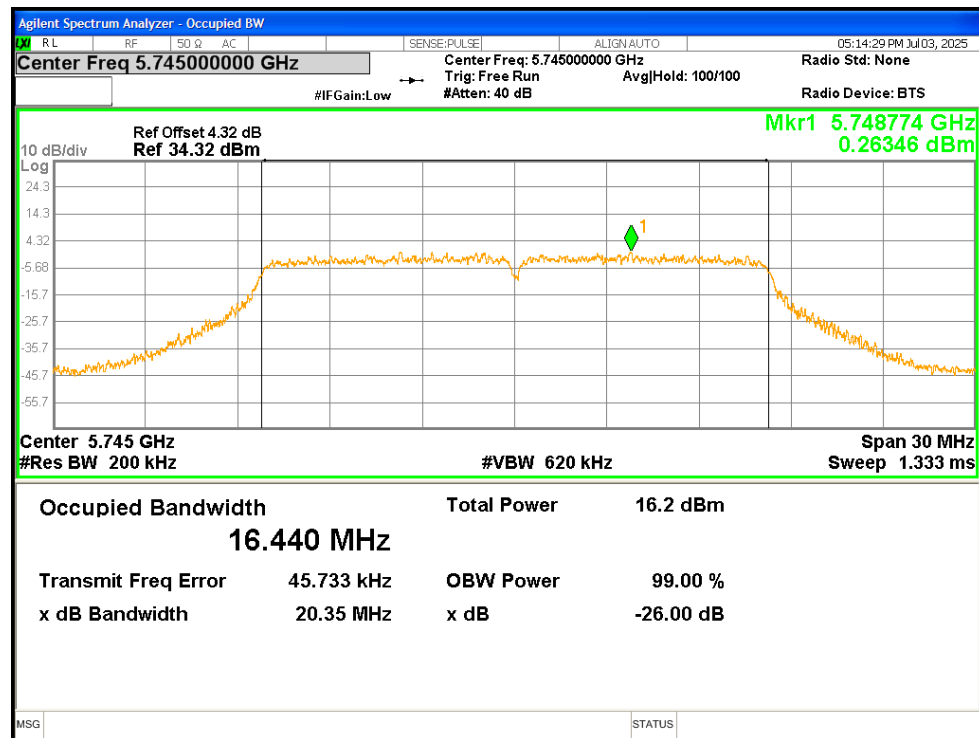


Occupied Channel Bandwidth

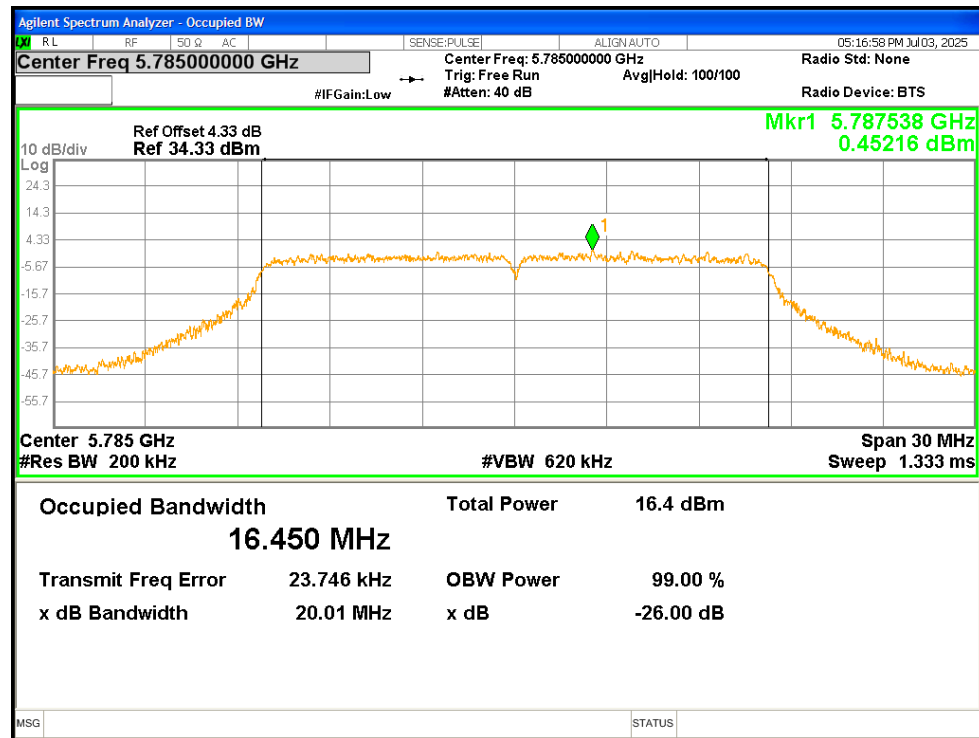
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.4395
NVNT	a	5785	16.4502
NVNT	a	5825	16.4313
NVNT	n20	5745	17.578
NVNT	n20	5785	17.5877
NVNT	n20	5825	17.5747
NVNT	n40	5755	35.7873
NVNT	n40	5795	35.7922

Test Graphs

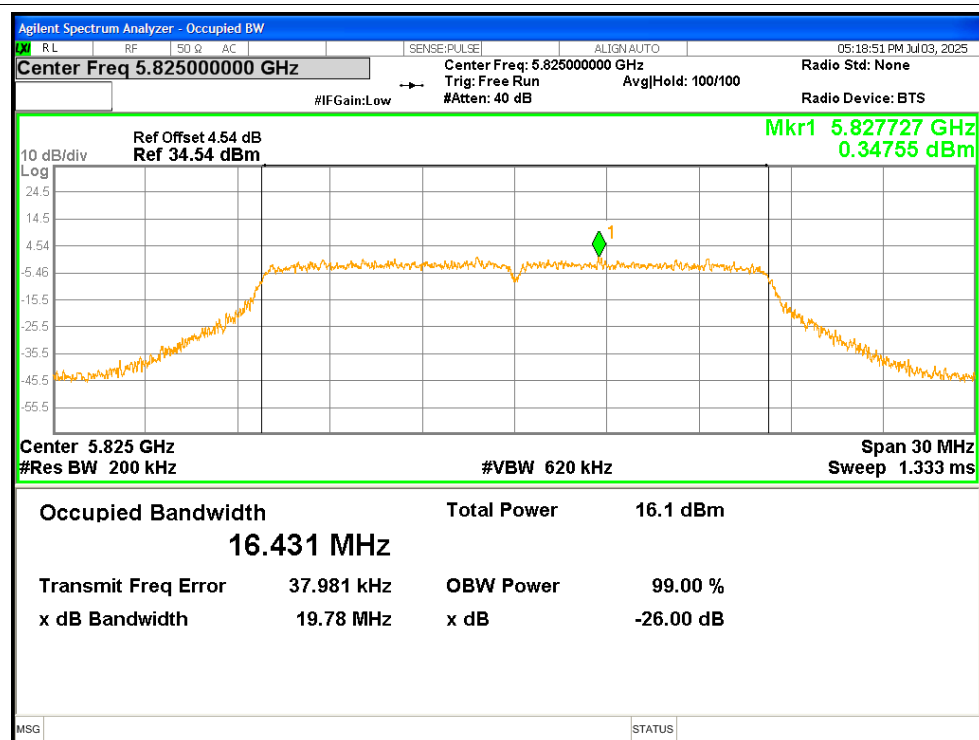
OBW NVNT a 5745MHz



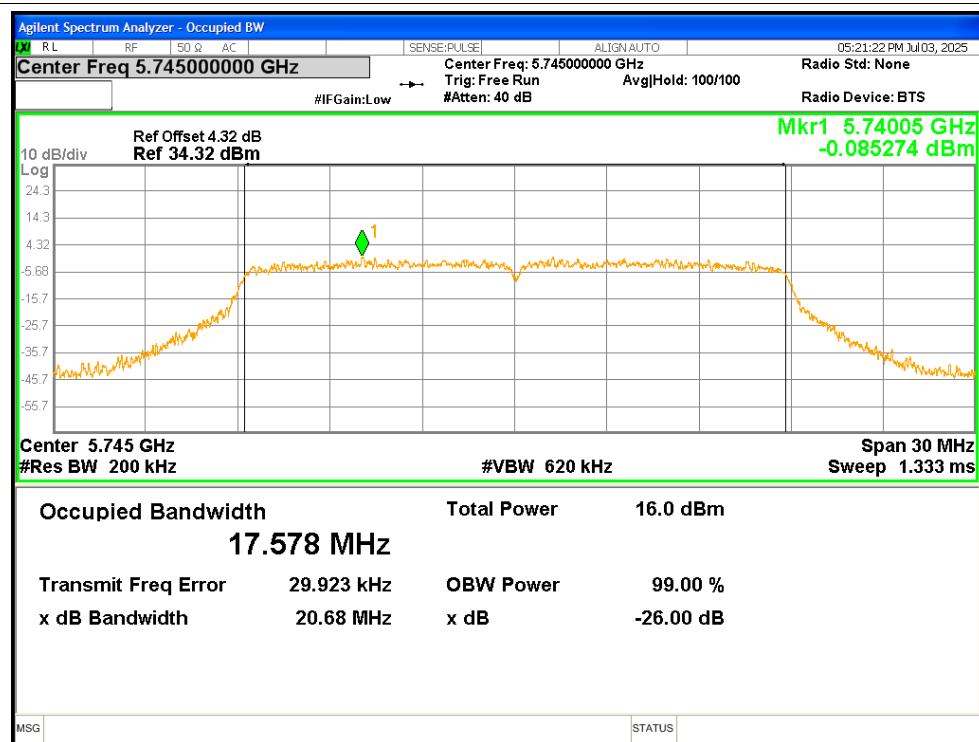
OBW NVNT a 5785MHz



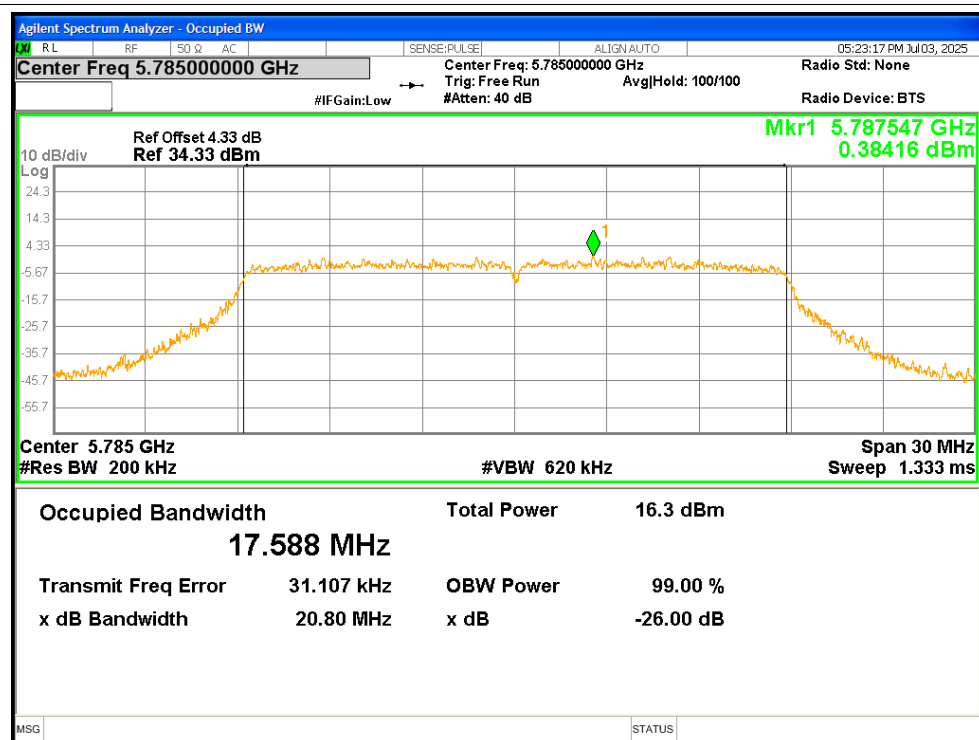
OBW NVNT a 5825MHz



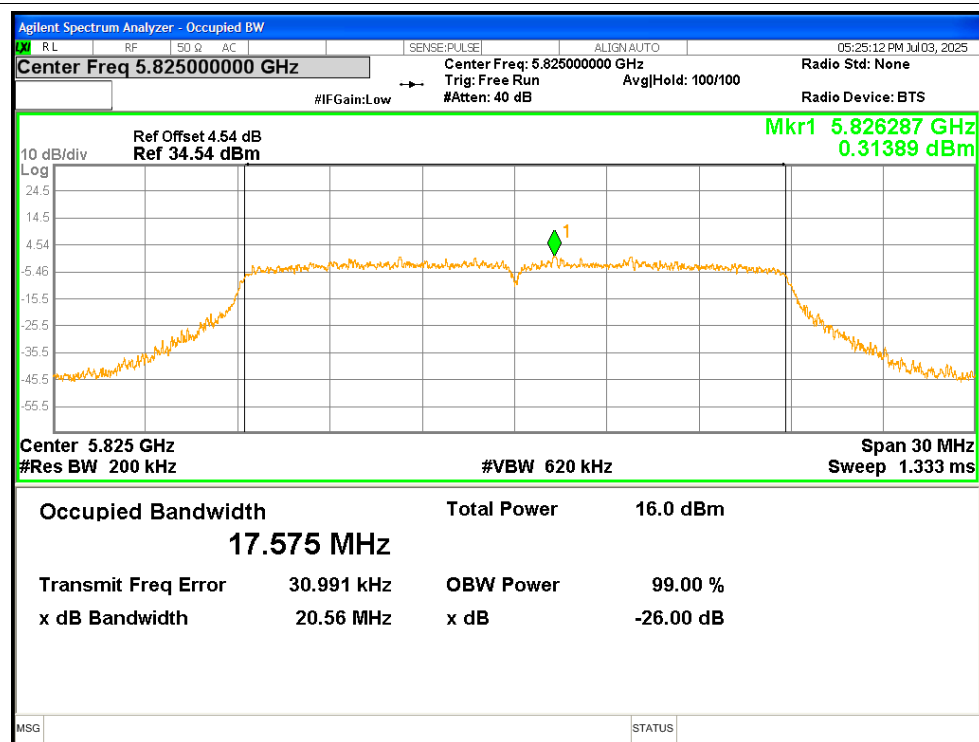
OBW NVNT n20 5745MHz



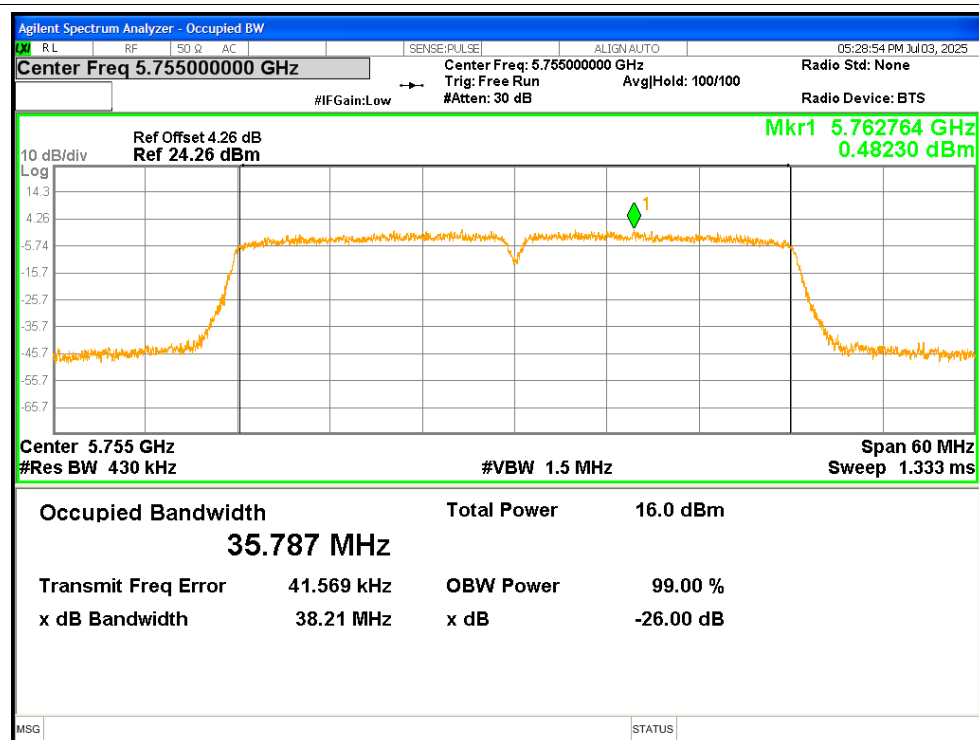
OBW NVNT n20 5785MHz



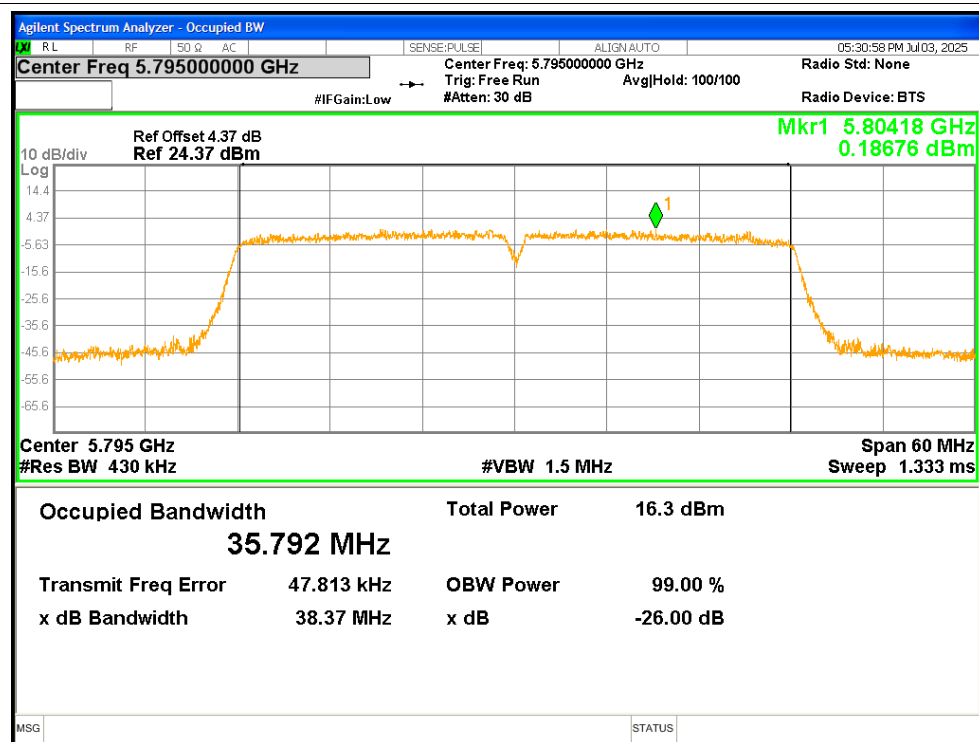
OBW NVNT n20 5825MHz



OBW NVNT n40 5755MHz



OBW NVNT n40 5795MHz

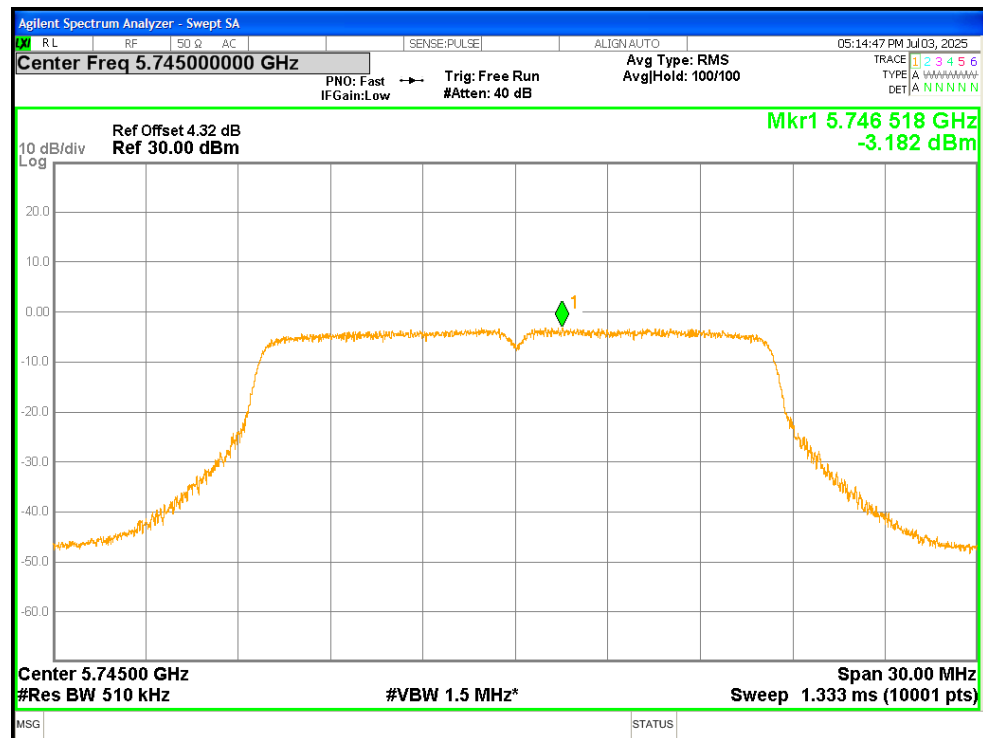


Maximum Power Spectral Density Level

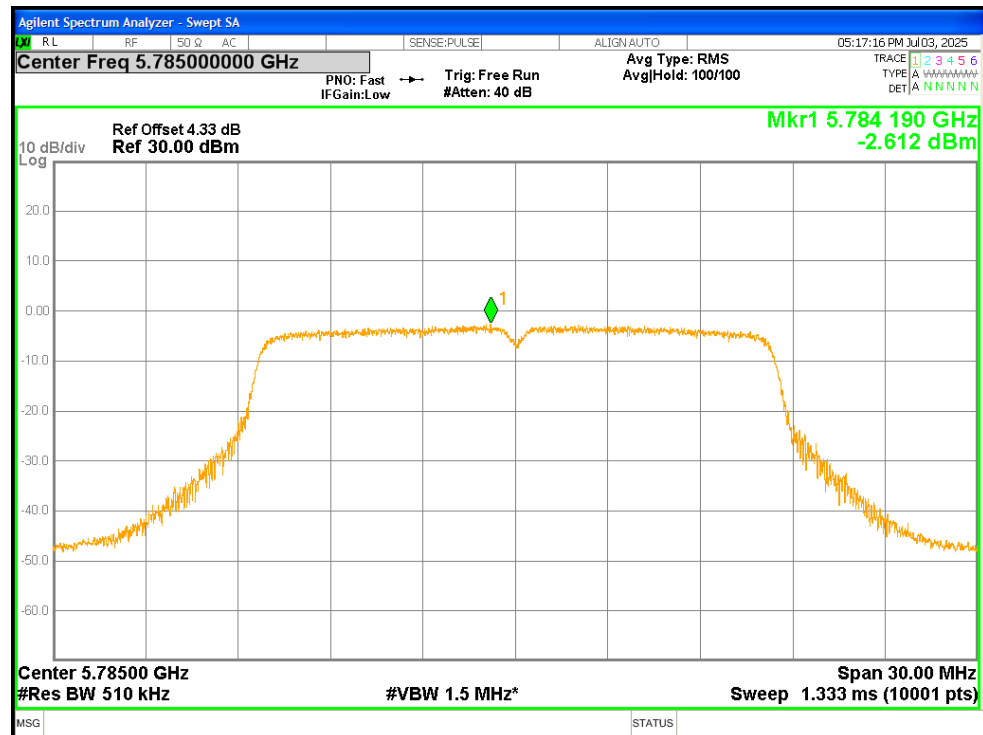
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm/510kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	-3.182	0.34	-2.842	-2.928	<=30	Pass
NVNT	a	5785	-2.612	0.36	-2.252	-2.338	<=30	Pass
NVNT	a	5825	-3.091	0.34	-2.751	-2.837	<=30	Pass
NVNT	n20	5745	-3.327	0.38	-2.947	-3.033	<=30	Pass
NVNT	n20	5785	-3.151	0.4	-2.751	-2.837	<=30	Pass
NVNT	n20	5825	-3.567	0.4	-3.167	-3.253	<=30	Pass
NVNT	n40	5755	-6.579	0.78	-5.799	-5.885	<=30	Pass
NVNT	n40	5795	-6.576	0.71	-5.866	-5.952	<=30	Pass

Test Graphs

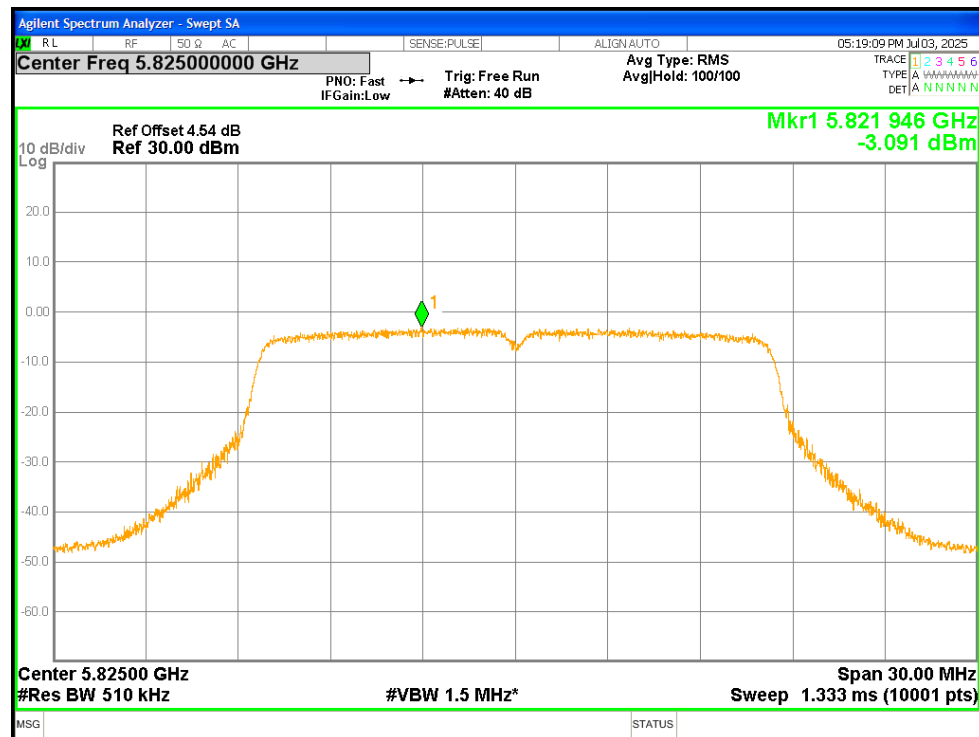
PSD NVNT a 5745MHz



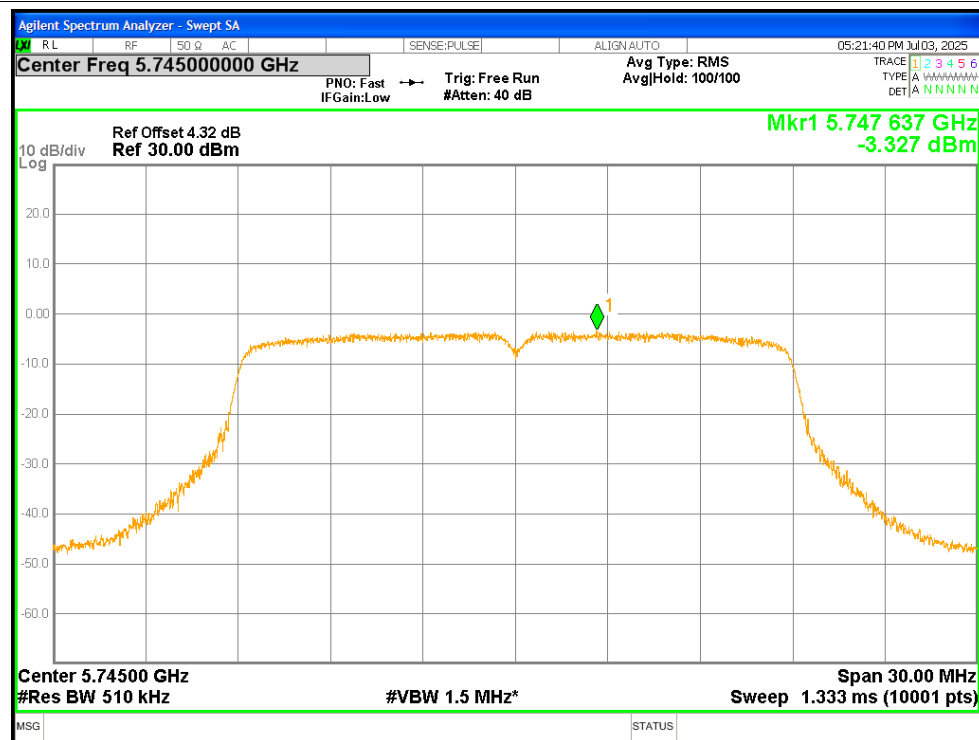
PSD NVNT a 5785MHz



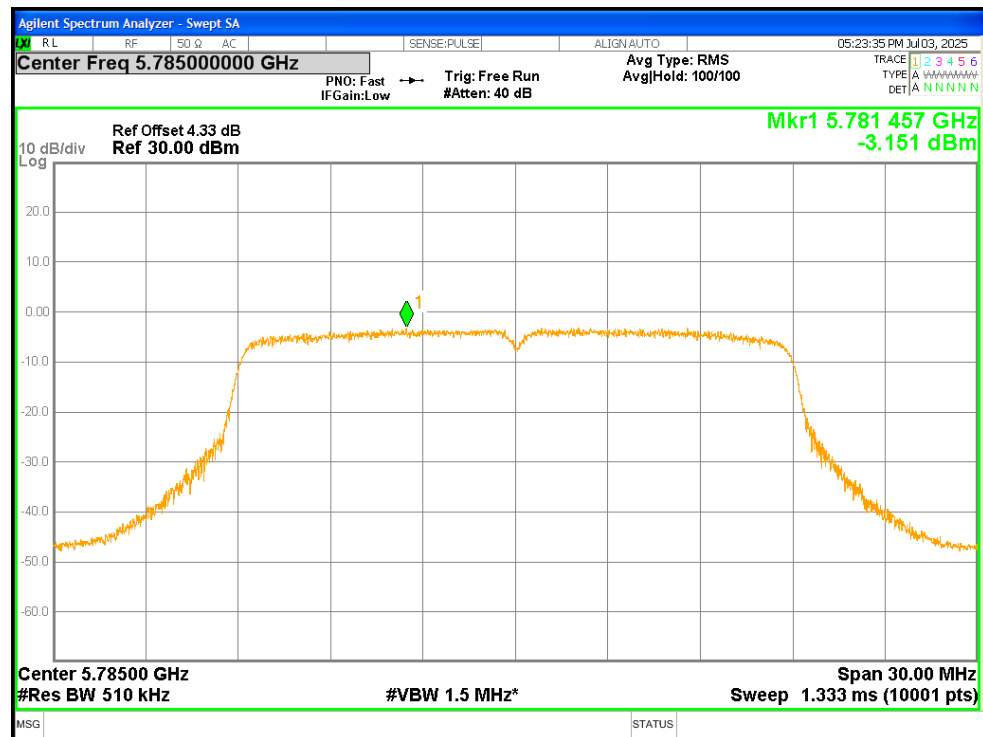
PSD NVNT a 5825MHz



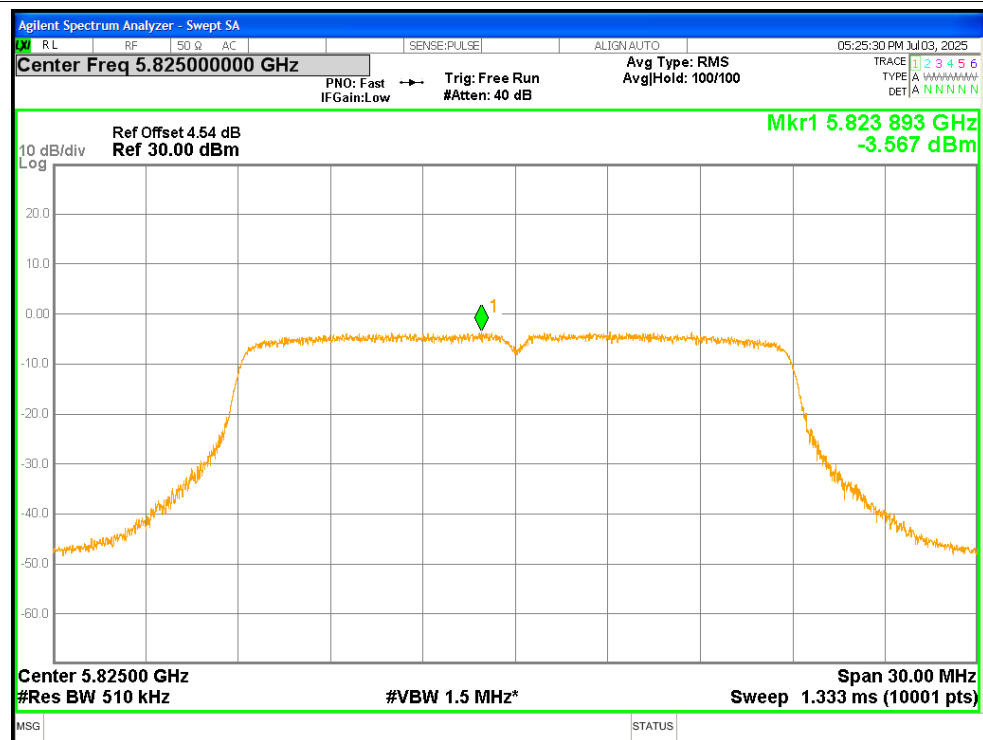
PSD NVNT n20 5745MHz



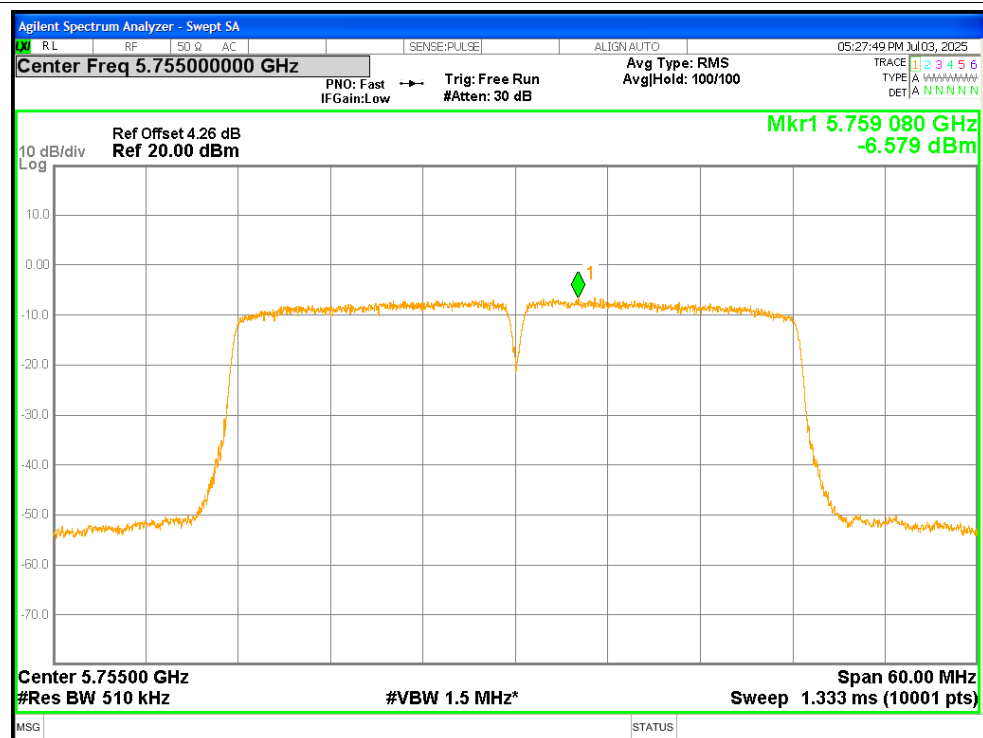
PSD NVNT n20 5785MHz



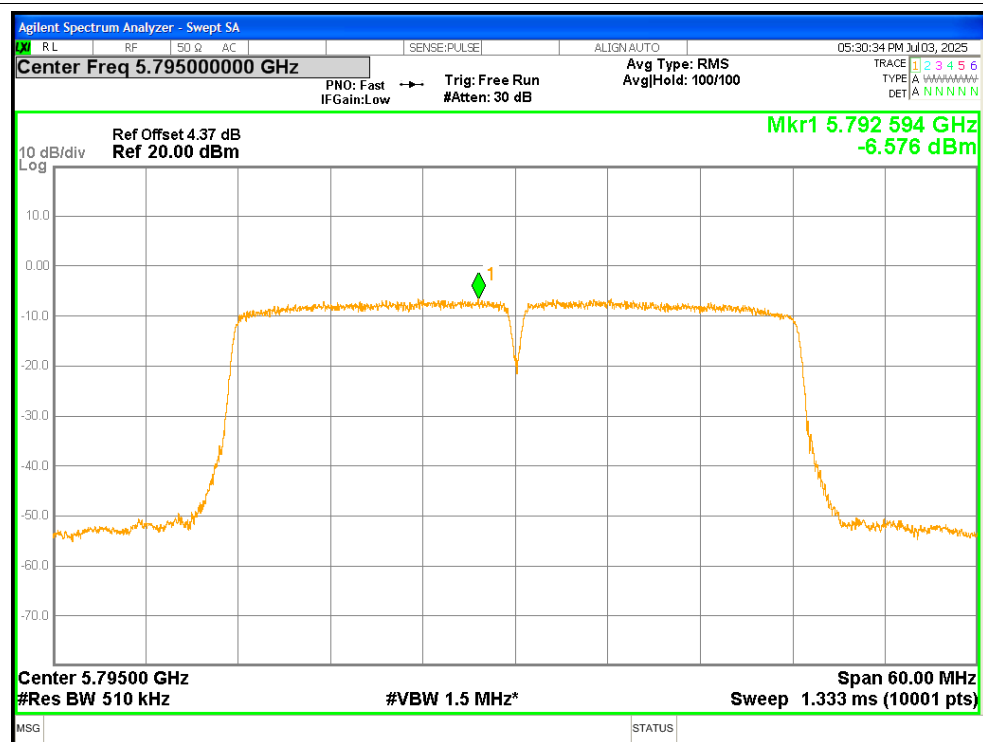
PSD NVNT n20 5825MHz



PSD NVNT n40 5755MHz



PSD NVNT n40 5795MHz

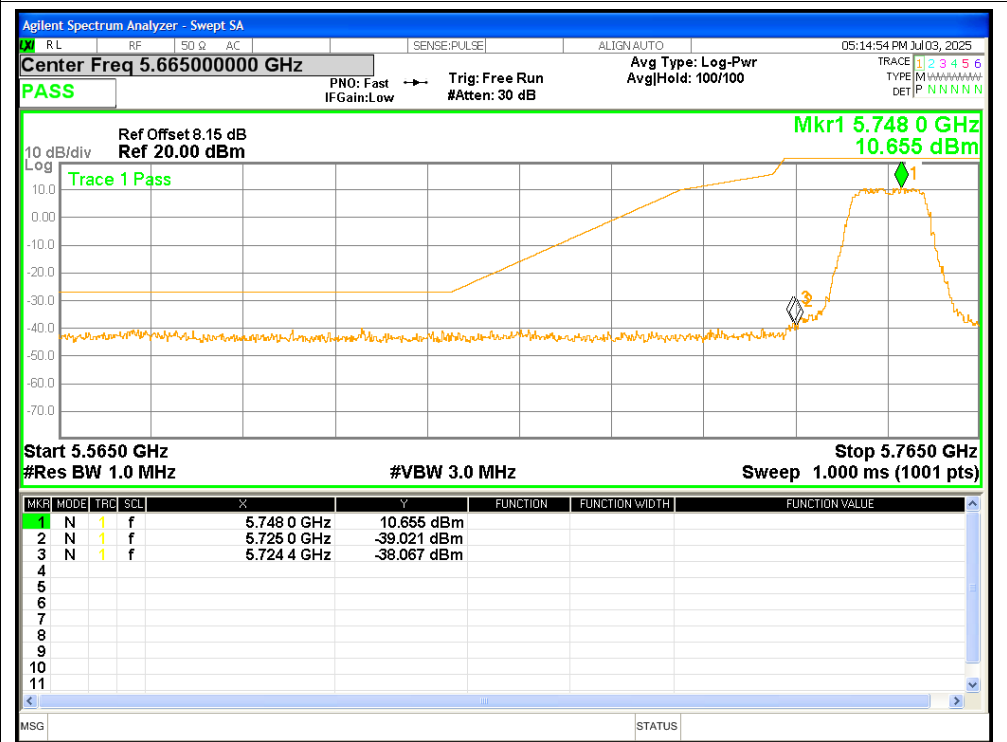


Band Edge

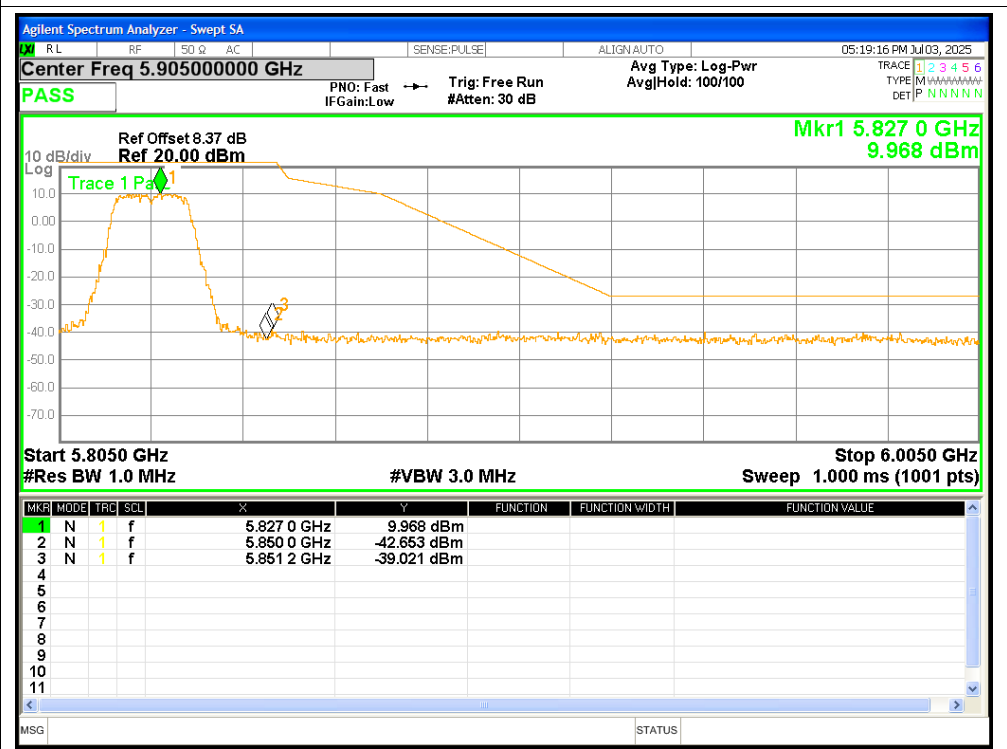
Condition	Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	-38.06	-27	Pass
NVNT	a	5825	-39.02	-27	Pass
NVNT	n20	5745	-36.46	-27	Pass
NVNT	n20	5825	-39.14	-27	Pass
NVNT	n40	5755	-36.42	-27	Pass
NVNT	n40	5795	-39.2	-27	Pass

Test Graphs

Band Edge NVNT a 5745MHz Low



Band Edge NVNT a 5825MHz High



Band Edge NVNT n40 5795MHz High
