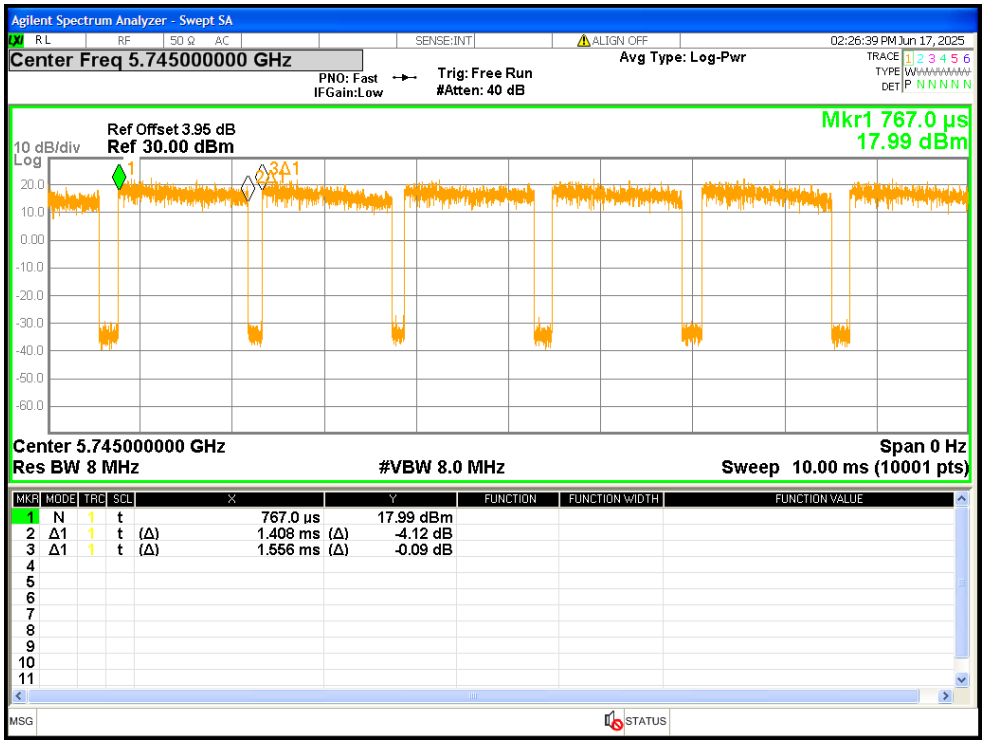
Duty Cycle

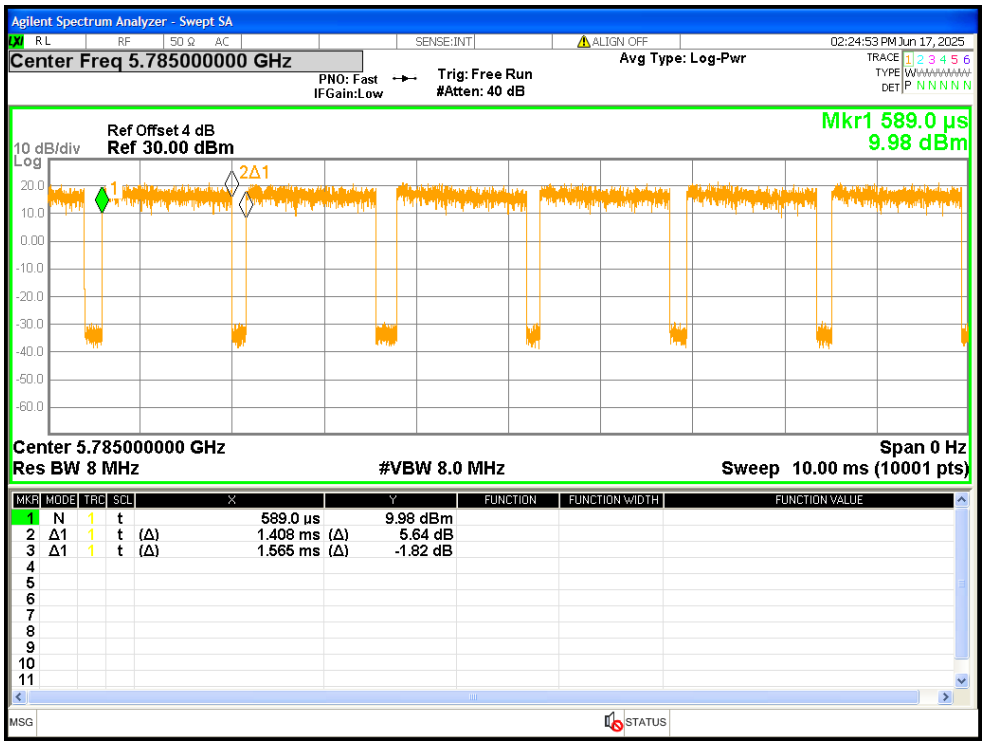
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	1.408	1.556	90.49	0.43	0.71
NVNT	a	5785	1.408	1.565	89.97	0.46	0.71
NVNT	a	5825	1.408	1.574	89.45	0.48	0.71
NVNT	n20	5745	1.316	1.455	90.45	0.44	0.76
NVNT	n20	5785	1.316	1.491	88.26	0.54	0.76
NVNT	n20	5825	1.316	1.419	92.74	0.33	0.76

Test Graphs

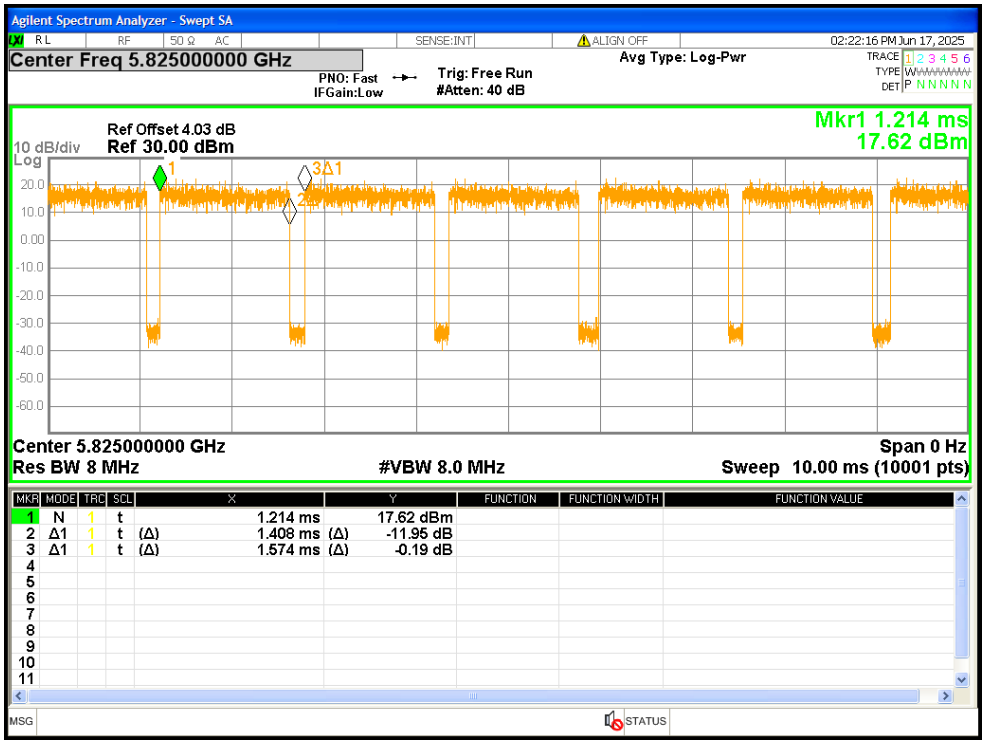
Duty Cycle NVNT a 5745MHz



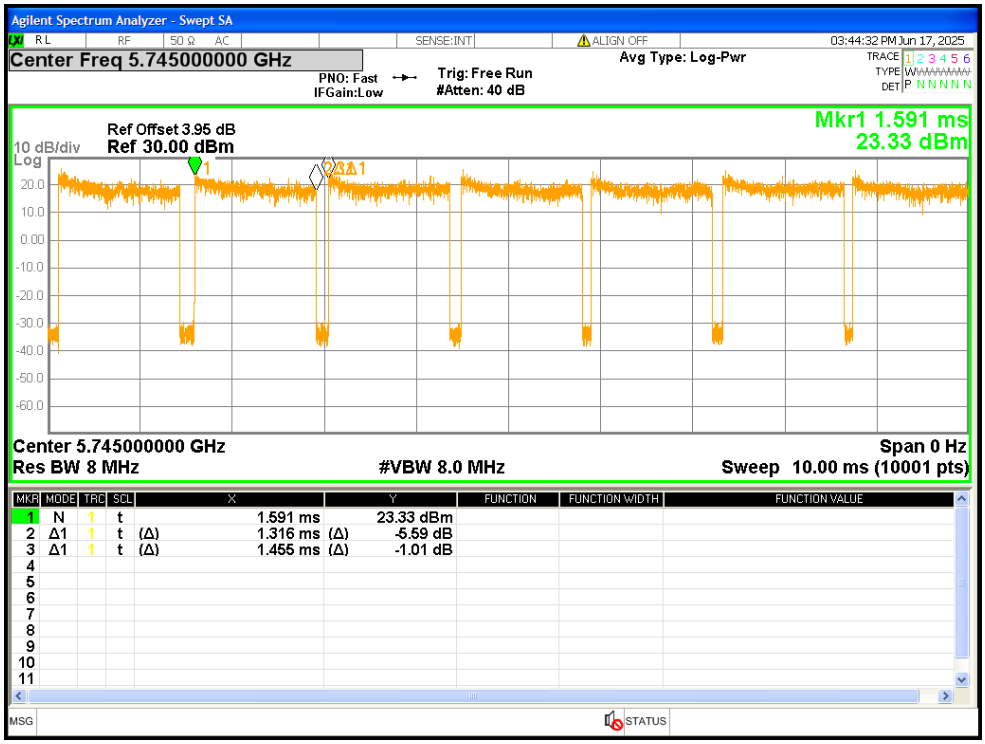
Duty Cycle NVNT a 5785MHz



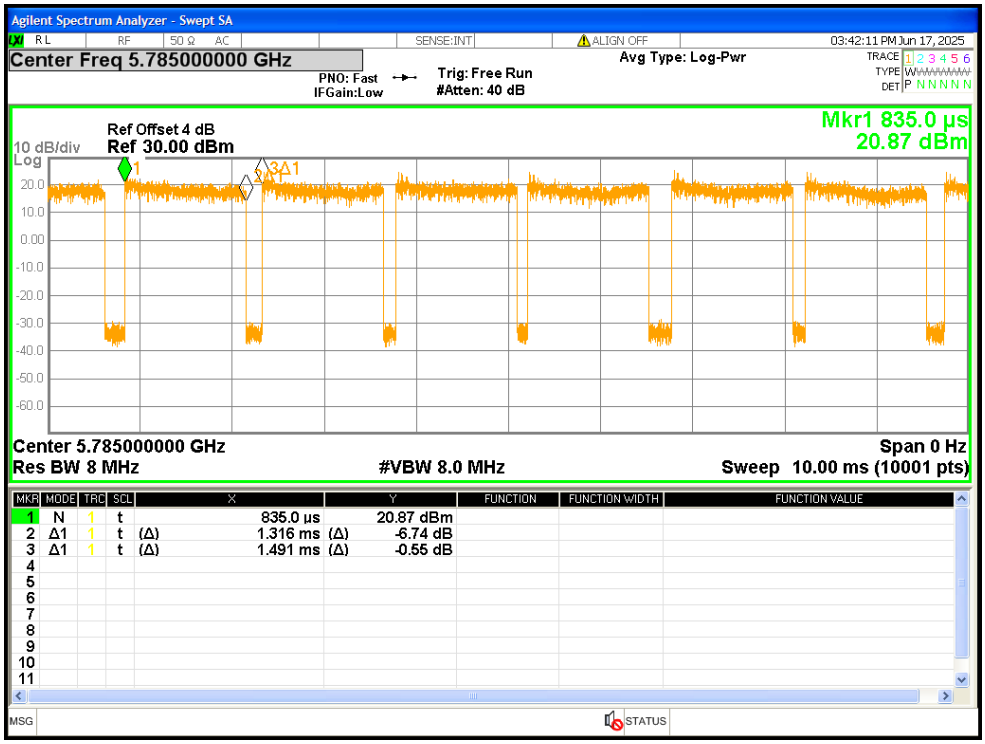
Duty Cycle NVNT a 5825MHz



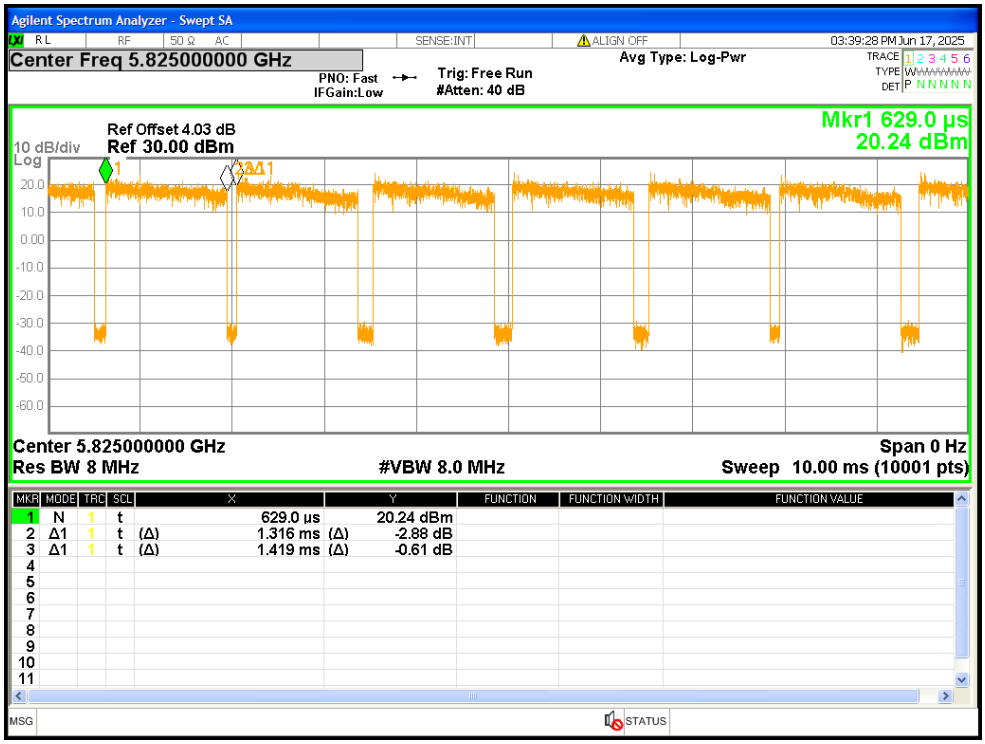
Duty Cycle NVNT n20 5745MHz



Duty Cycle NVNT n20 5785MHz



Duty Cycle NVNT n20 5825MHz

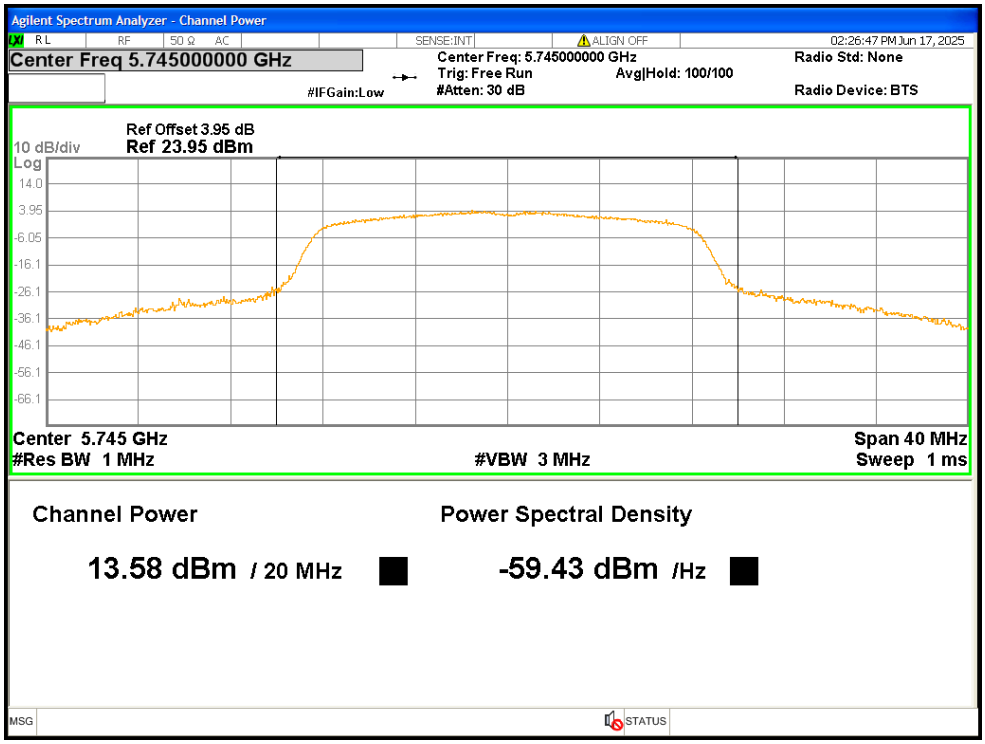


Maximum Conducted Output Power

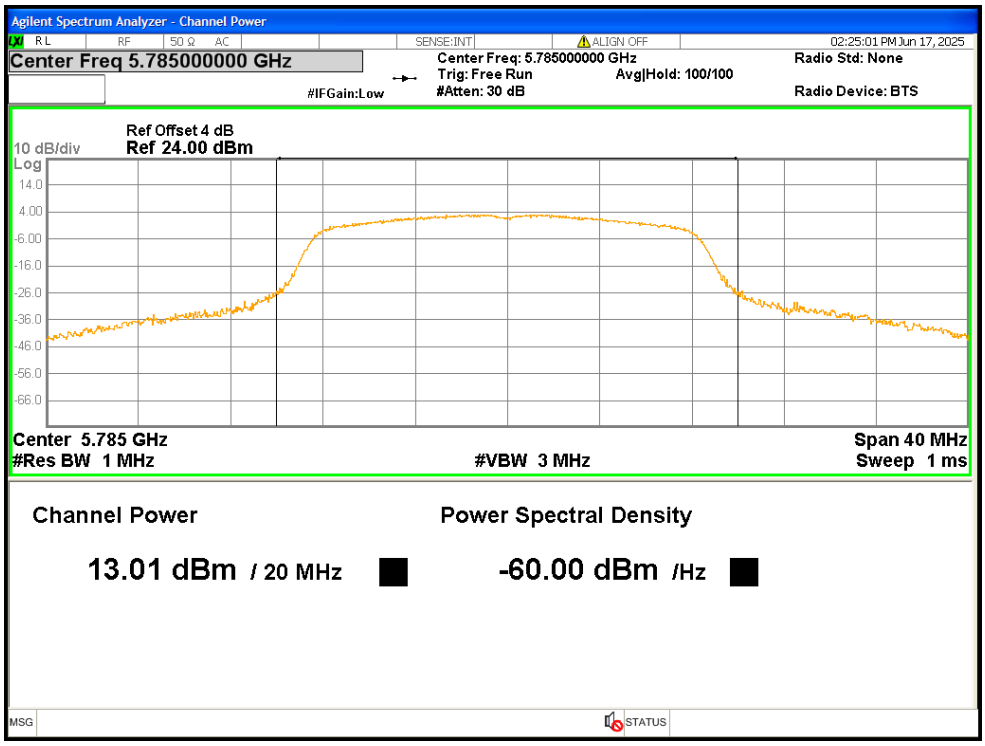
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	13.58	0.43	14.01	<=30	Pass
NVNT	a	5785	13.01	0.46	13.47	<=30	Pass
NVNT	a	5825	12.94	0.48	13.42	<=30	Pass
NVNT	n20	5745	15.74	0.44	16.18	<=30	Pass
NVNT	n20	5785	14.84	0.54	15.38	<=30	Pass
NVNT	n20	5825	15.32	0.33	15.65	<=30	Pass

Test Graphs

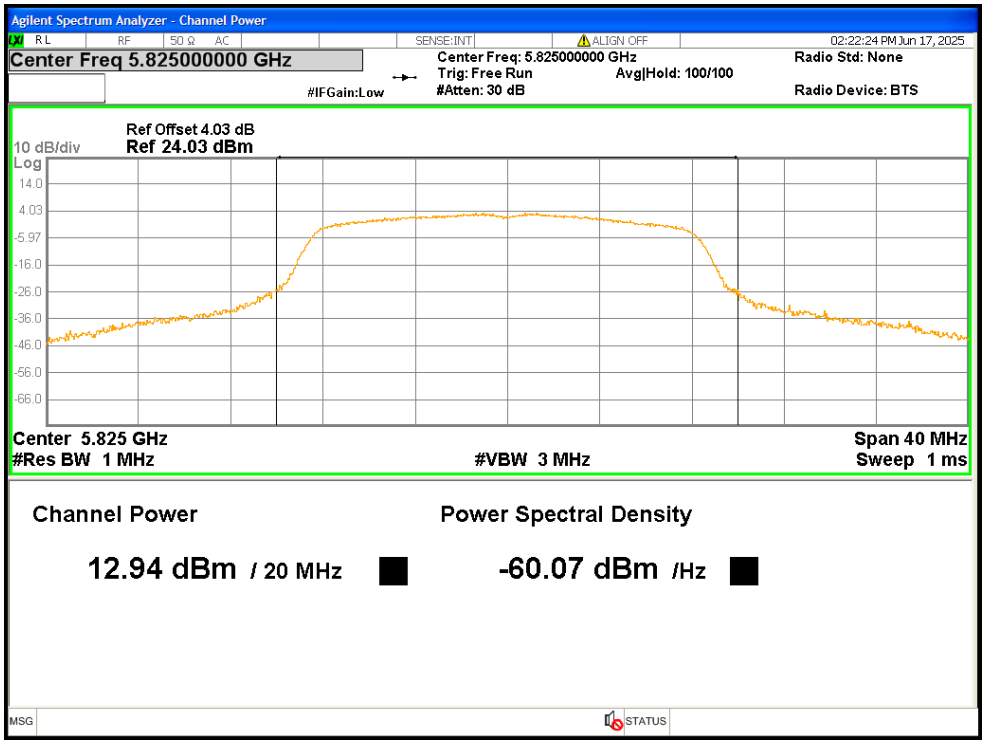
Power NVNT a 5745MHz



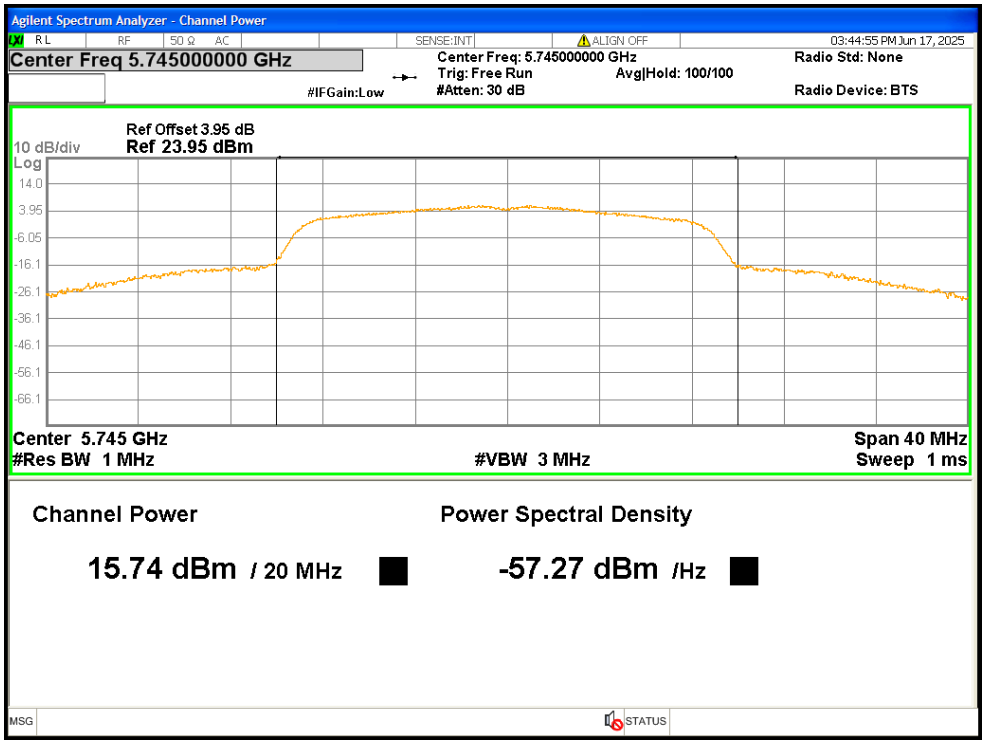
Power NVNT a 5785MHz



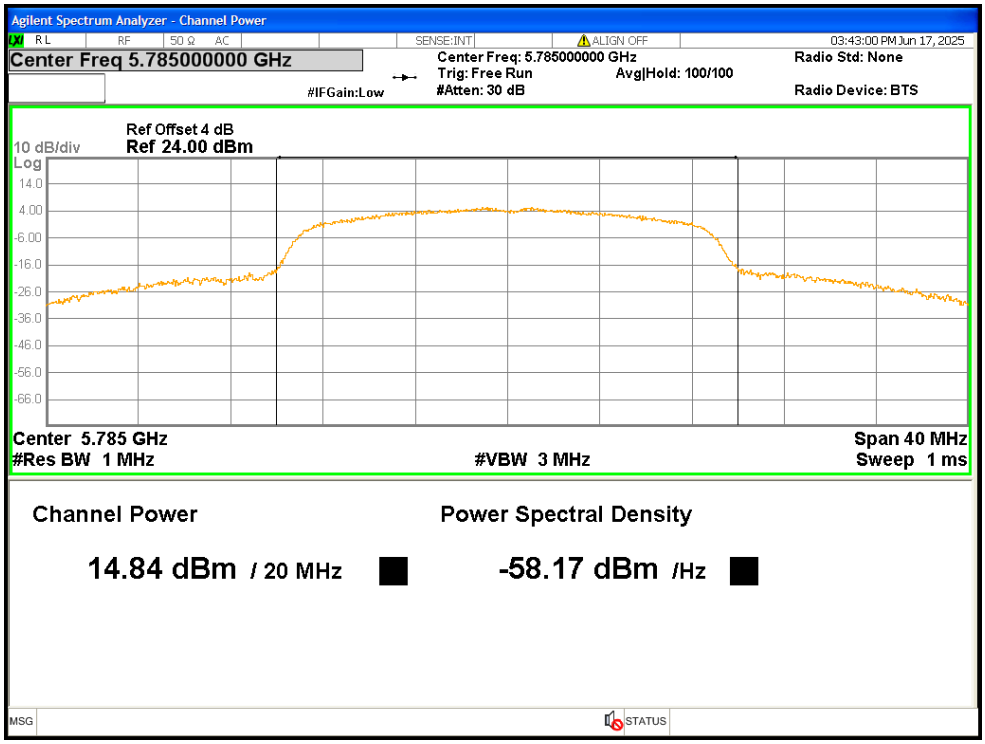
Power NVNT a 5825MHz



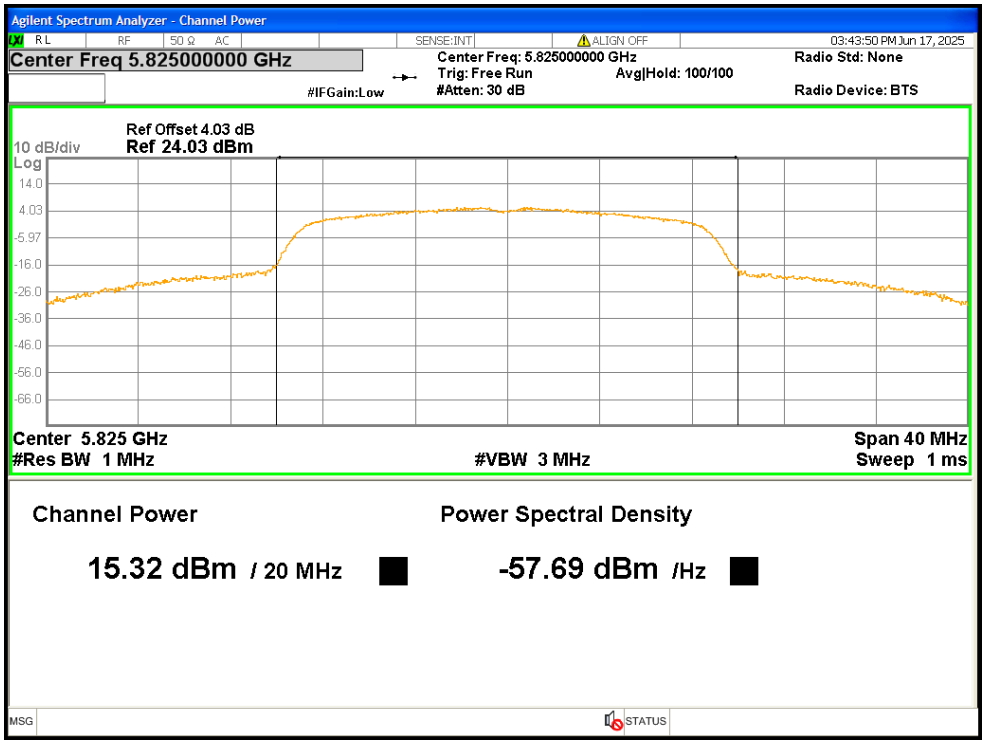
Power NVNT n20 5745MHz



Power NVNT n20 5785MHz



Power NVNT n20 5825MHz

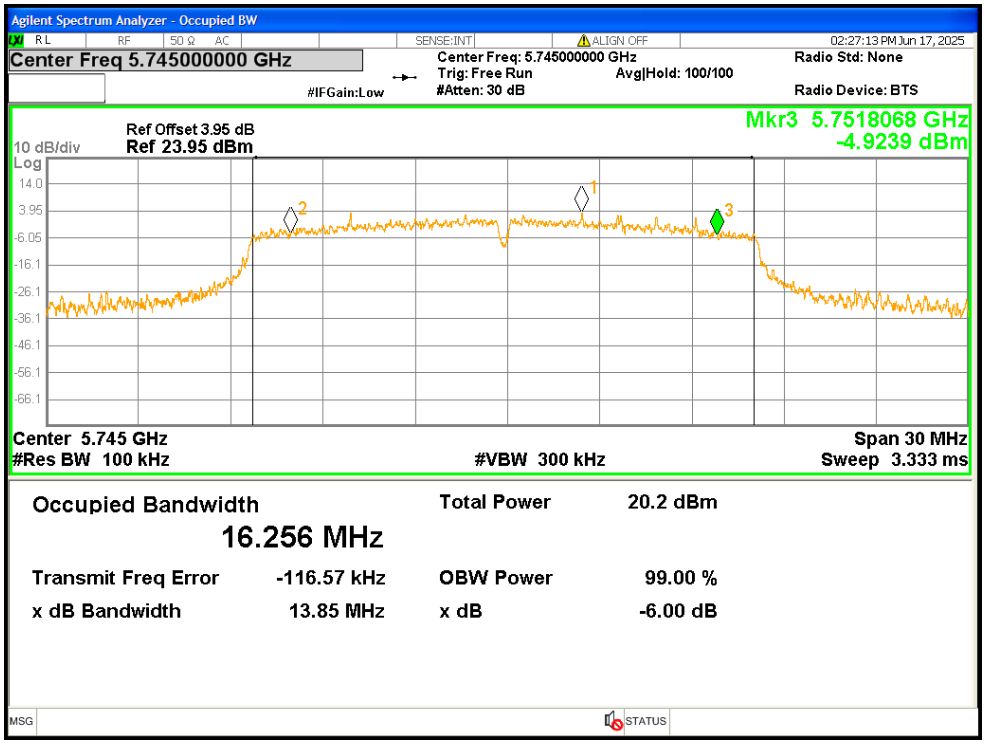


-6dB Bandwidth

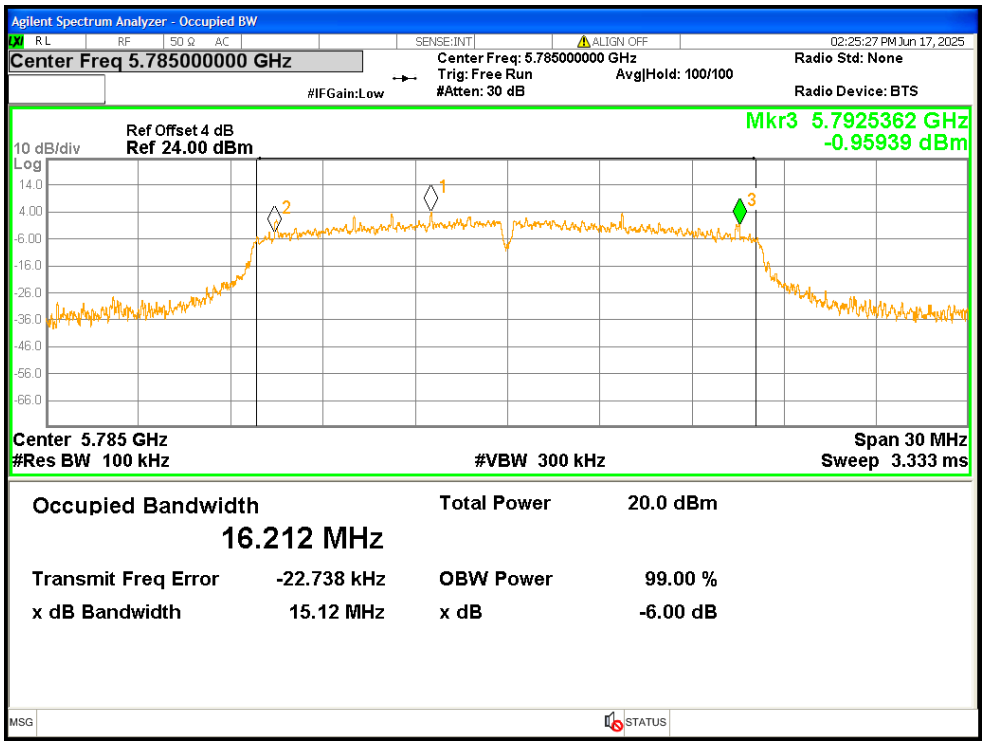
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	13.8468	>=0.5	Pass
NVNT	a	5785	15.1178	>=0.5	Pass
NVNT	a	5825	15.0804	>=0.5	Pass
NVNT	n20	5745	12.6133	>=0.5	Pass
NVNT	n20	5785	12.7411	>=0.5	Pass
NVNT	n20	5825	11.4603	>=0.5	Pass

Test Graphs

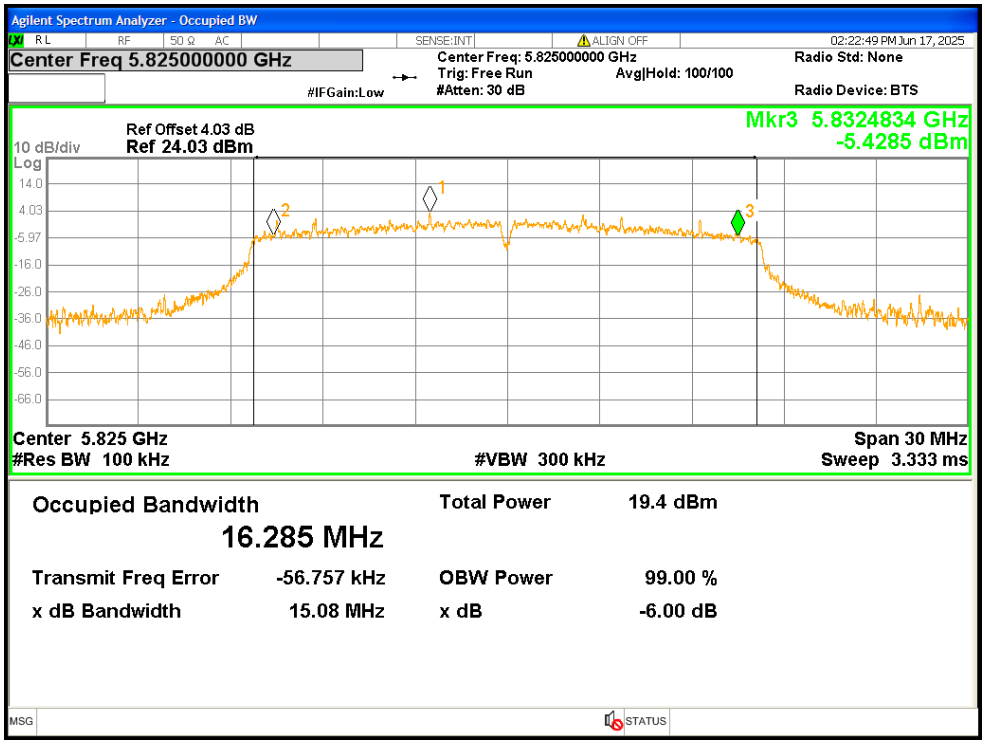
-6dB Bandwidth NVNT a 5745MHz



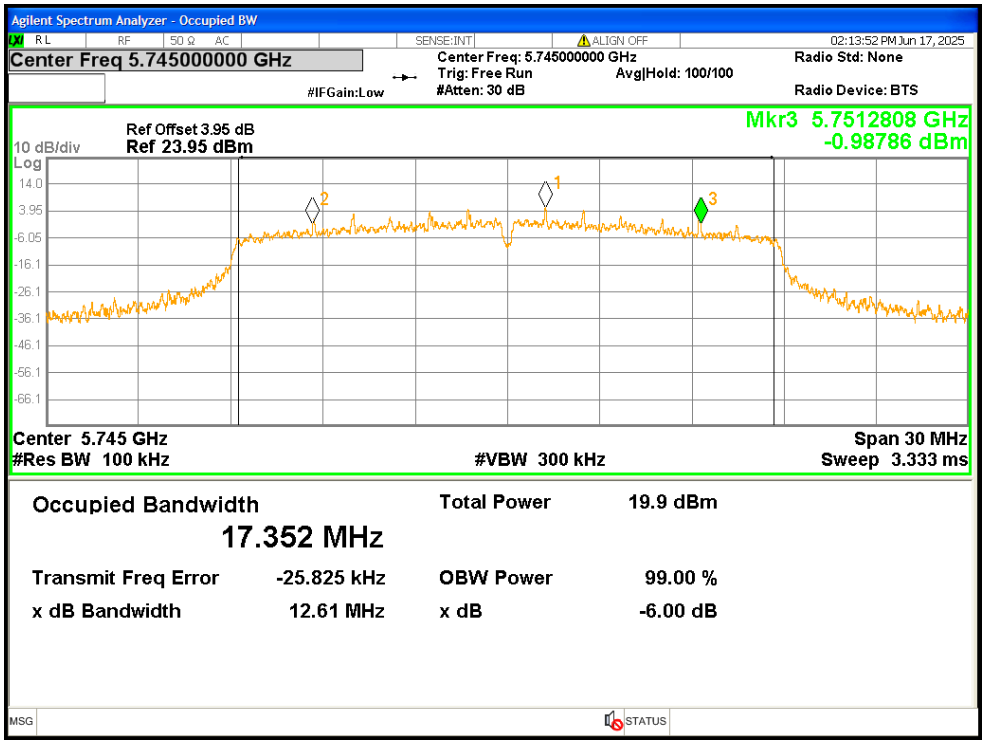
-6dB Bandwidth NVNT a 5785MHz



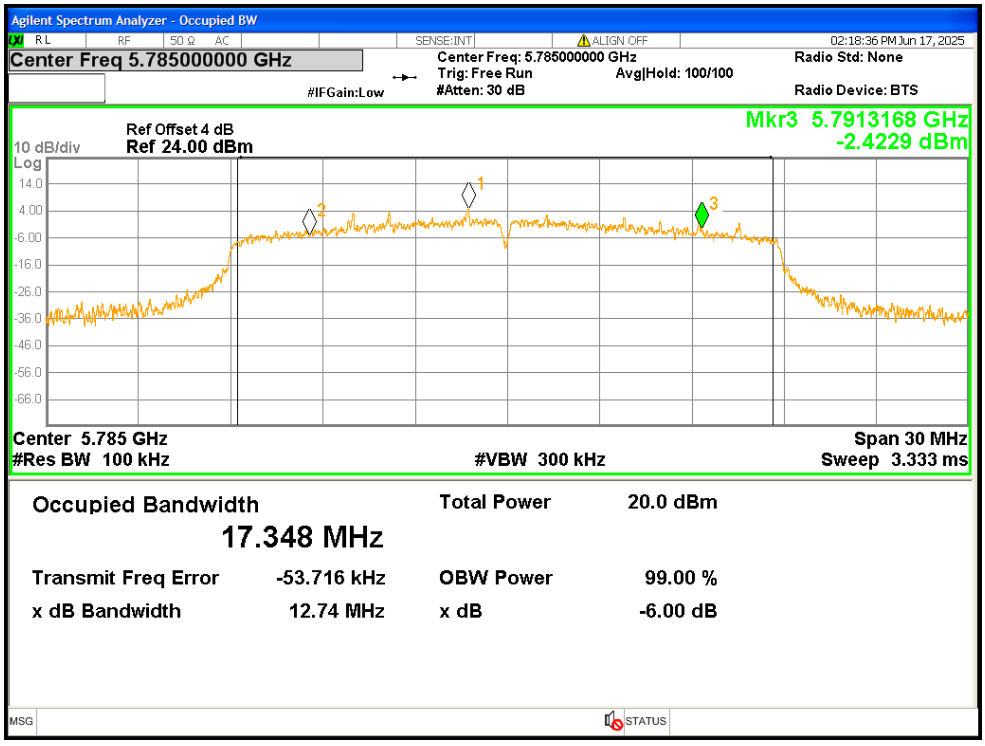
-6dB Bandwidth NVNT a 5825MHz



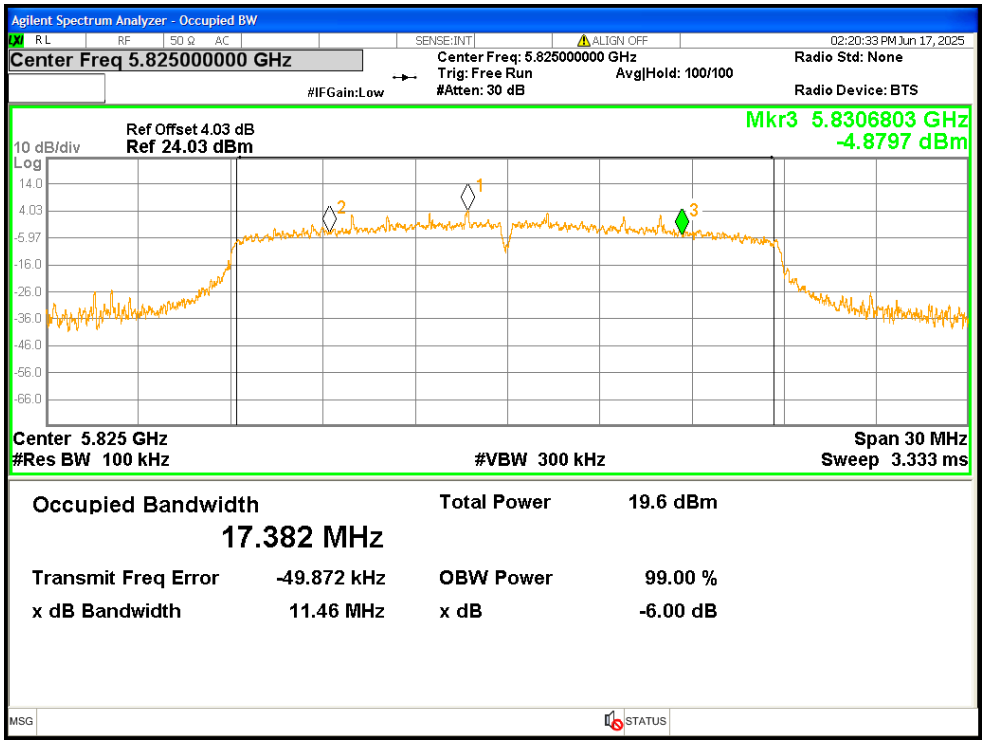
-6dB Bandwidth NVNT n20 5745MHz



-6dB Bandwidth NVNT n20 5785MHz



-6dB Bandwidth NVNT n20 5825MHz

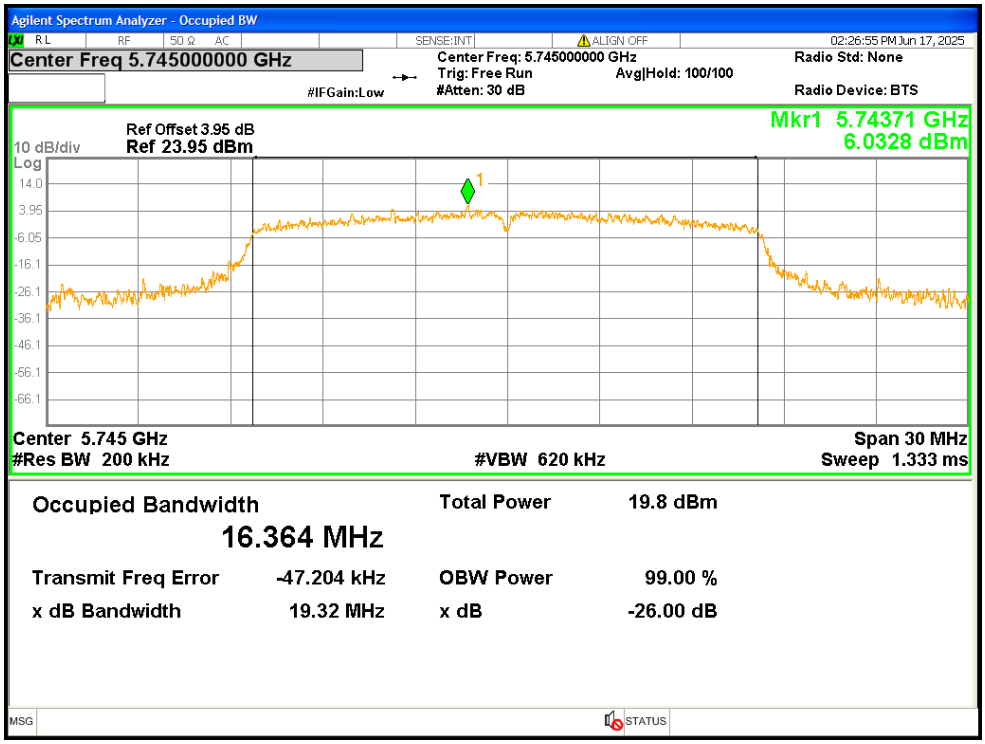


Occupied Channel Bandwidth

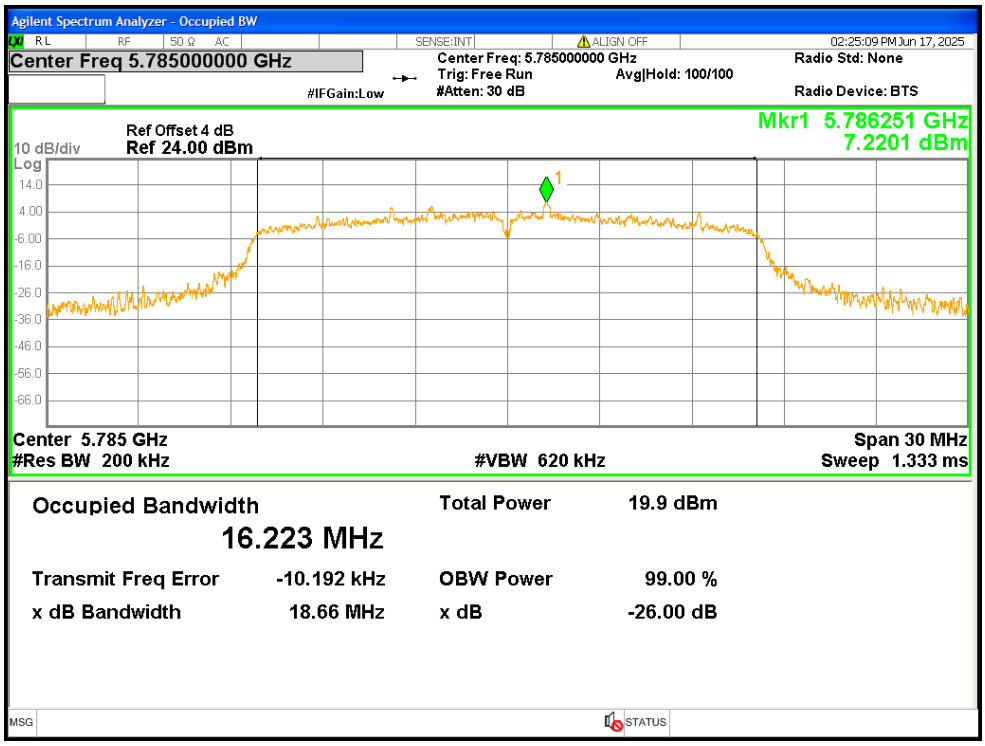
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.3635
NVNT	a	5785	16.2233
NVNT	a	5825	16.2757
NVNT	n20	5745	17.3403
NVNT	n20	5785	17.3803
NVNT	n20	5825	17.4099

Test Graphs

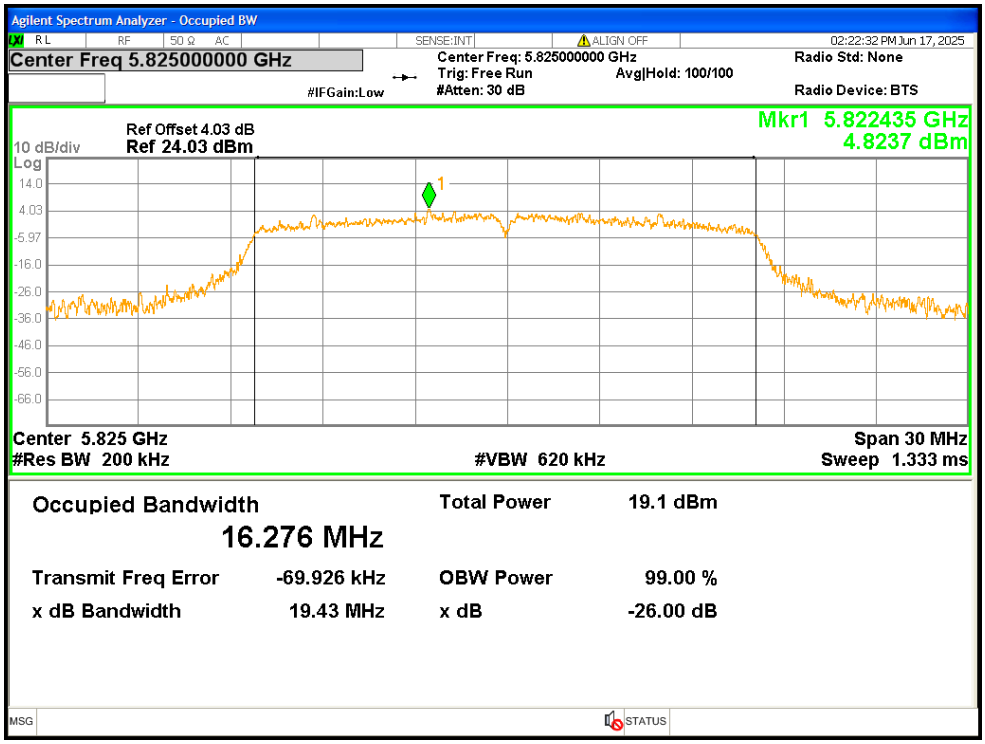
OBW NVNT a 5745MHz



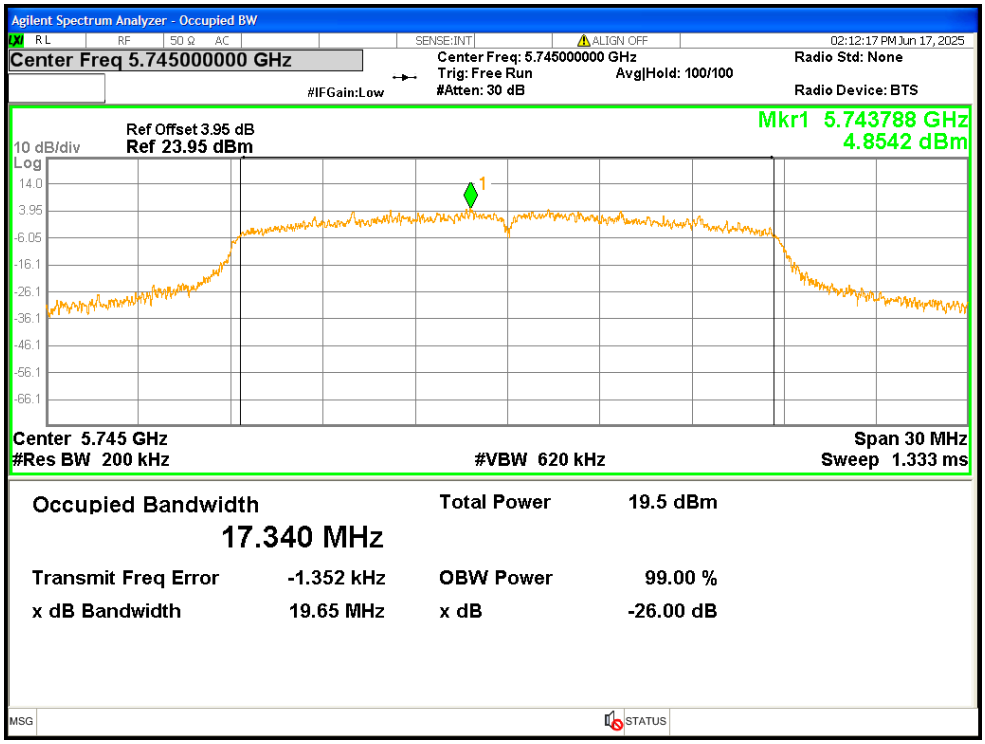
OBW NVNT a 5785MHz



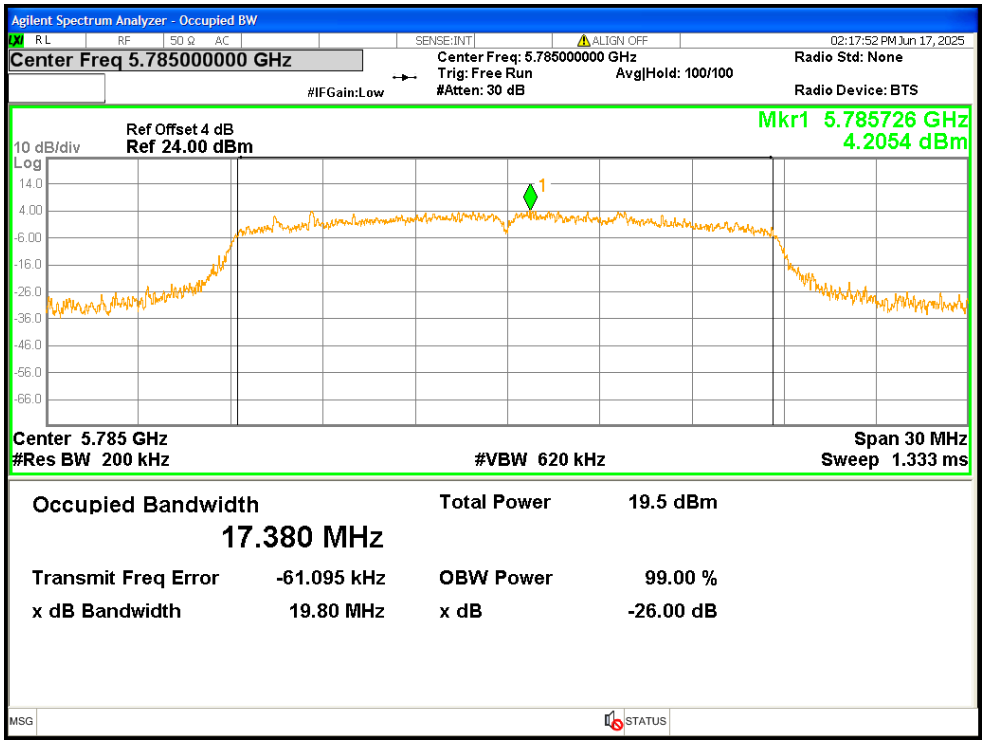
OBW NVNT a 5825MHz



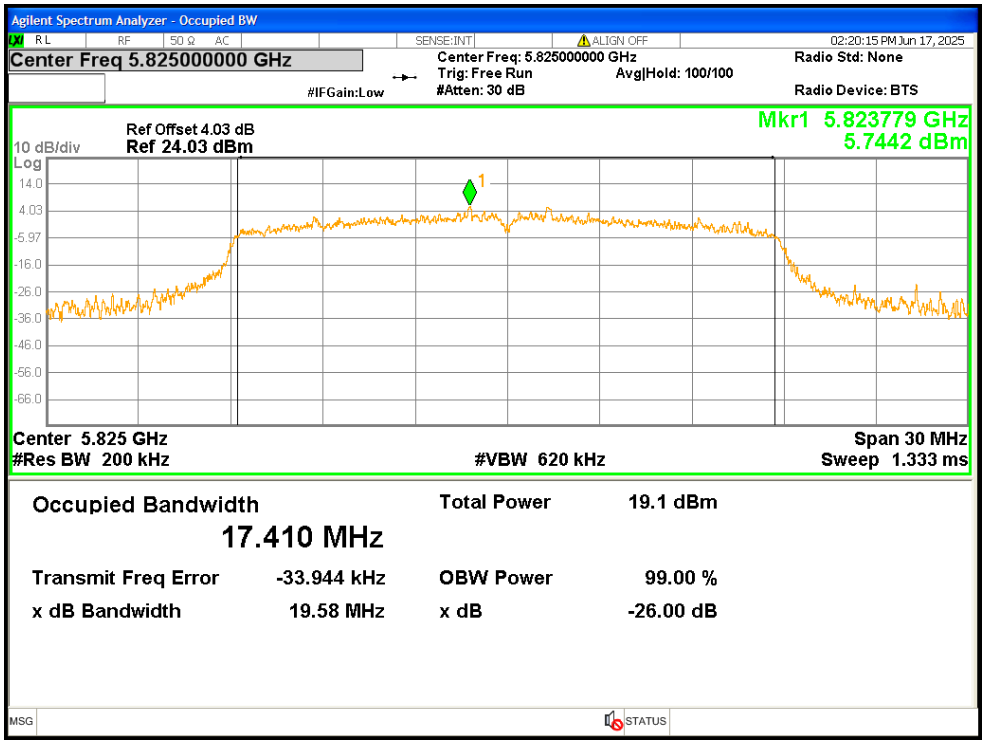
OBW NVNT n20 5745MHz



OBW NVNT n20 5785MHz



OBW NVNT n20 5825MHz

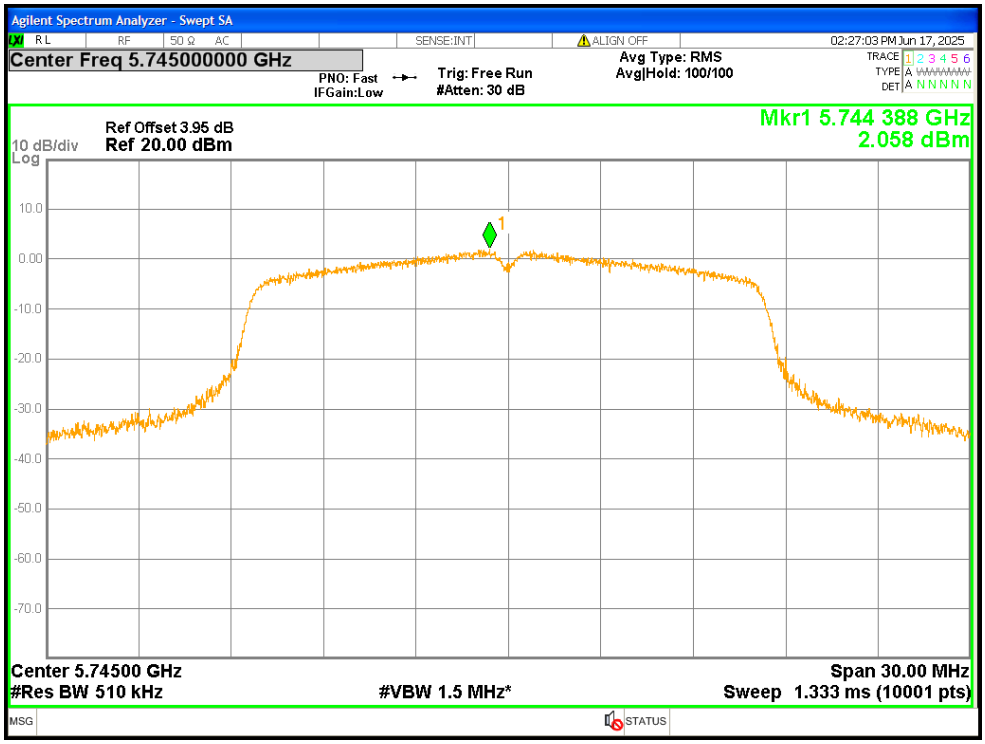


Maximum Power Spectral Density Level

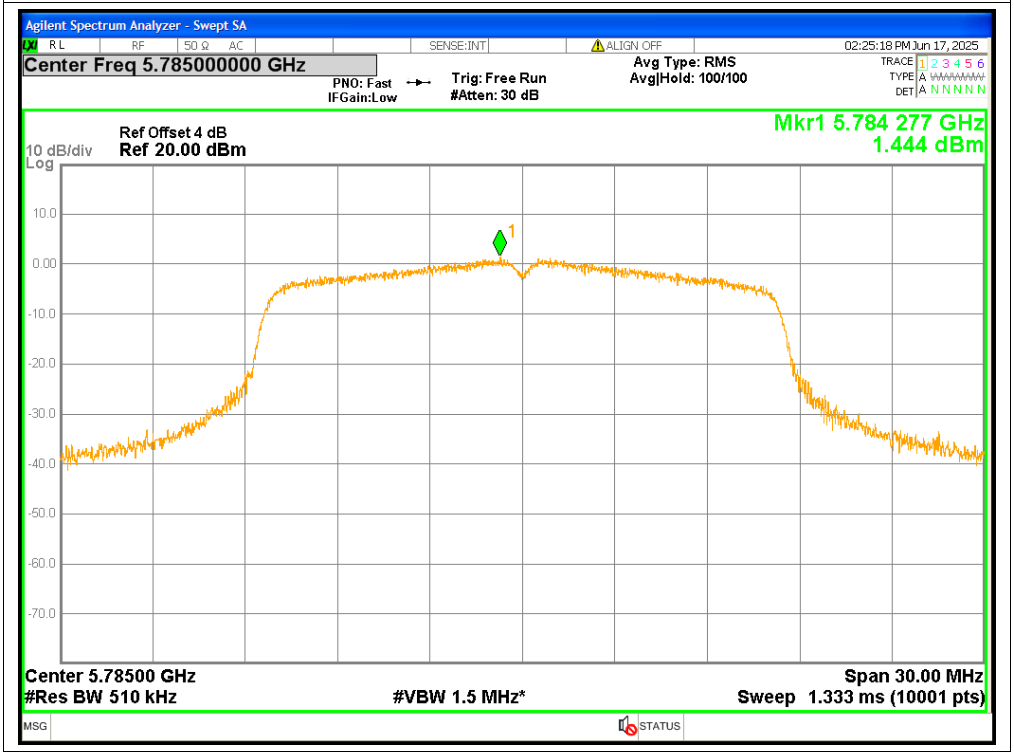
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	Total PSD (dBm/510kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	2.058	0.43	2.488	2.49	<=30	Pass
NVNT	a	5785	1.444	0.46	1.904	1.9	<=30	Pass
NVNT	a	5825	0.704	0.48	1.184	1.18	<=30	Pass
NVNT	n20	5745	3.841	0.44	4.281	4.28	<=30	Pass
NVNT	n20	5785	4.142	0.54	4.682	4.68	<=30	Pass
NVNT	n20	5825	2.765	0.33	3.095	3.1	<=30	Pass

Test Graphs

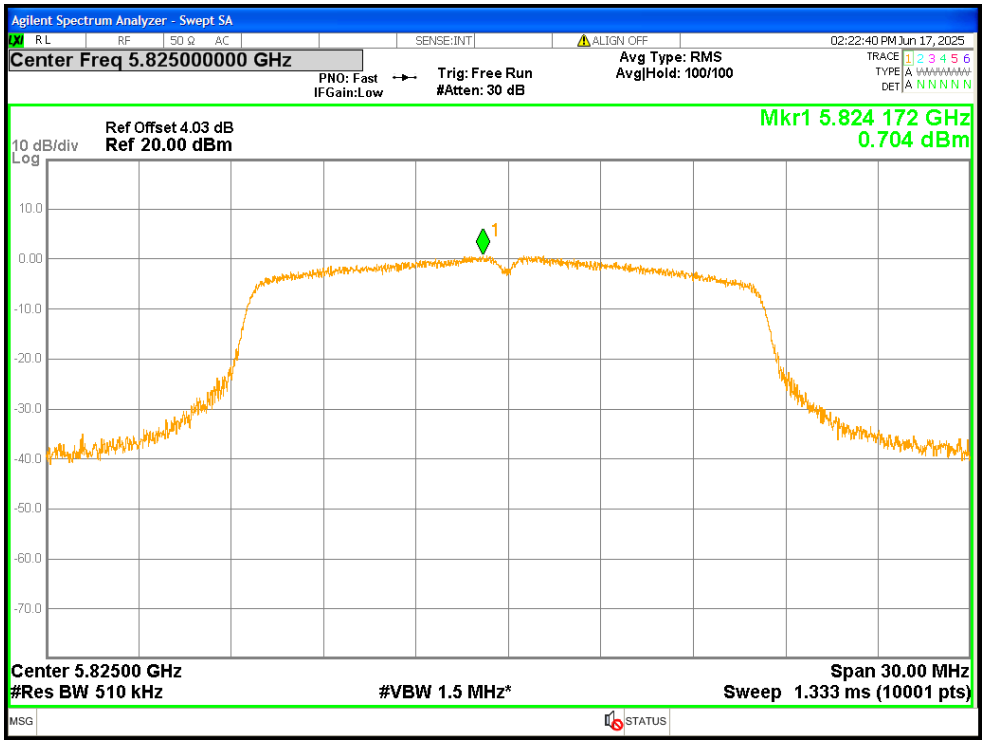
PSD NVNT a 5745MHz



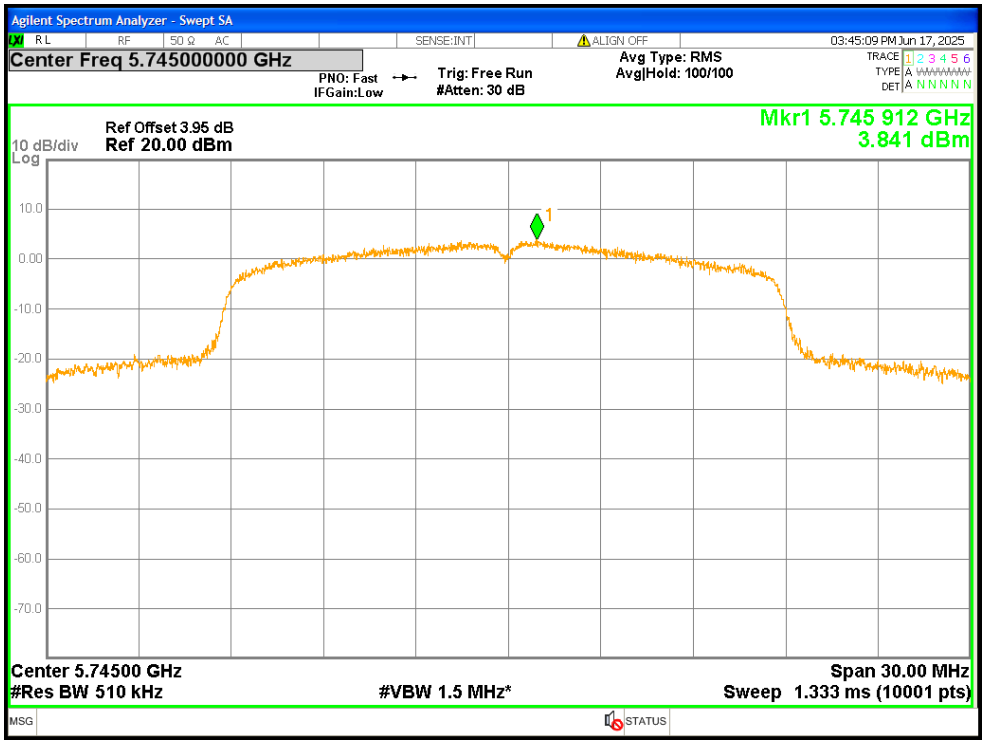
PSD NVNT a 5785MHz



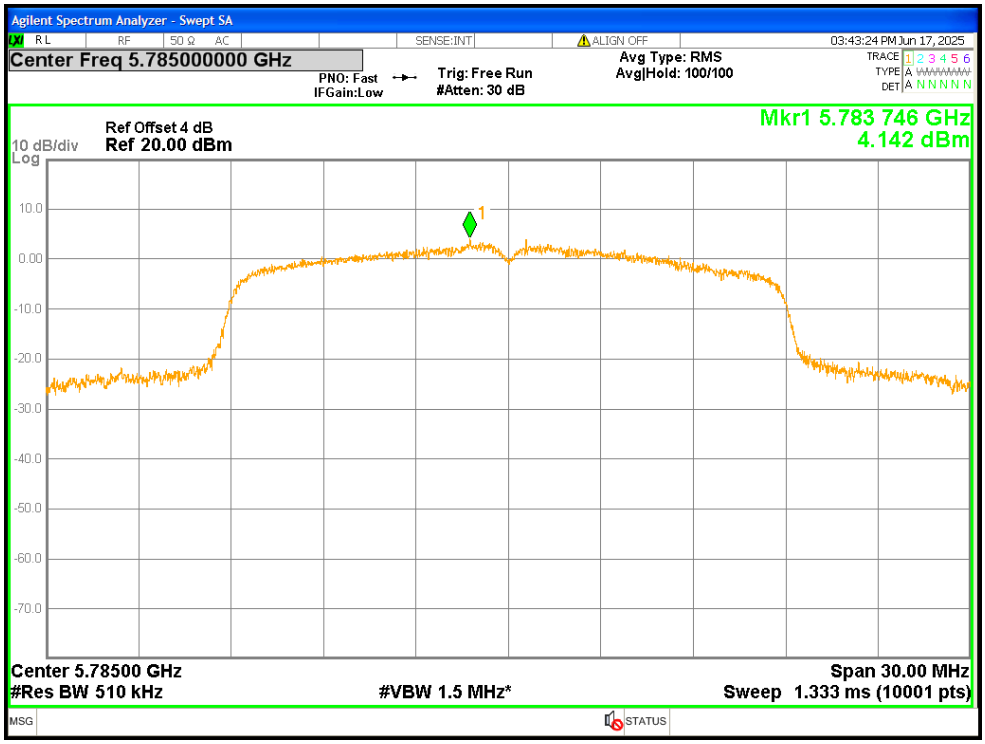
PSD NVNT a 5825MHz



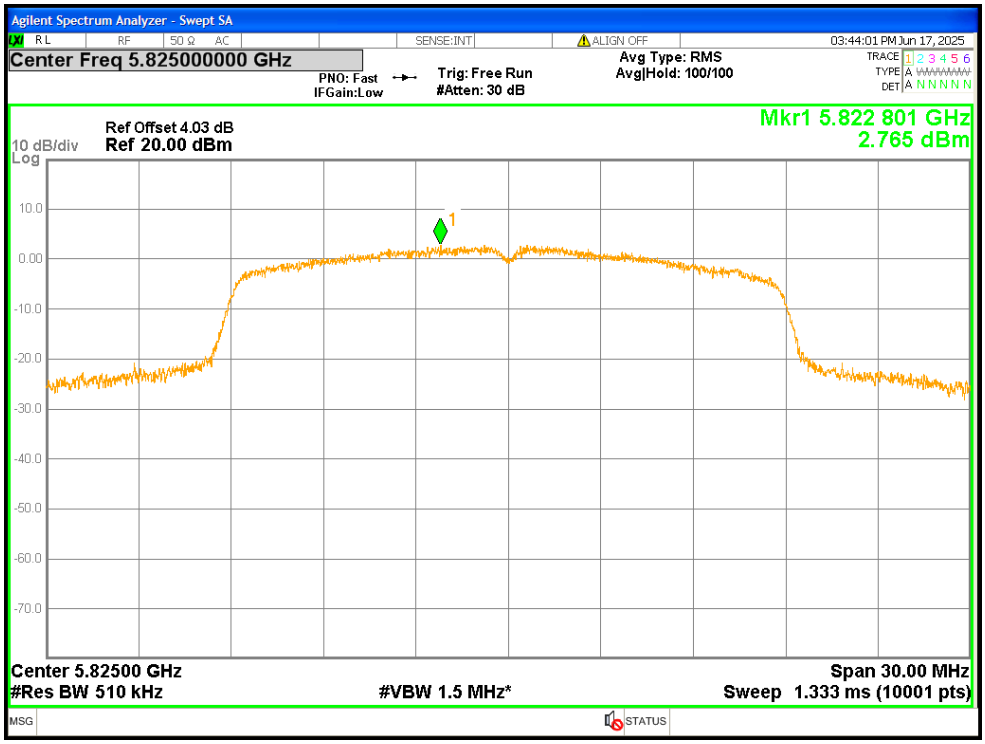
PSD NVNT n20 5745MHz



PSD NVNT n20 5785MHz



PSD NVNT n20 5825MHz

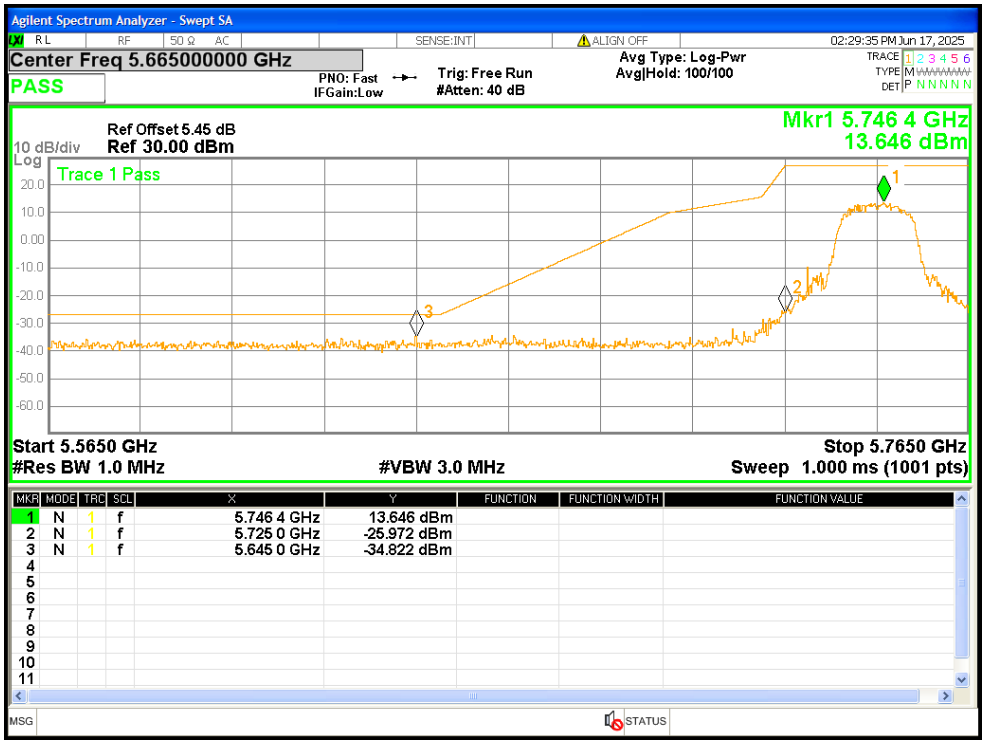


Band Edge

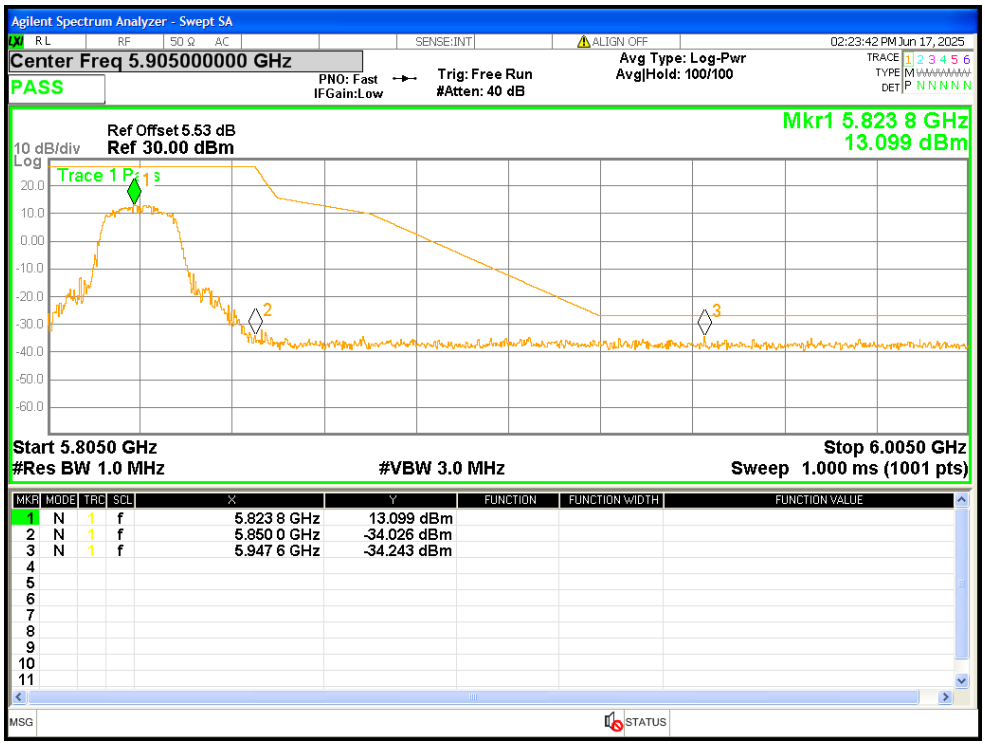
Condition	Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	-34.82	-27	Pass
NVNT	a	5825	-34.24	-27	Pass
NVNT	n20	5745	-34.83	-27	Pass
NVNT	n20	5825	-34.58	-27	Pass

Test Graphs

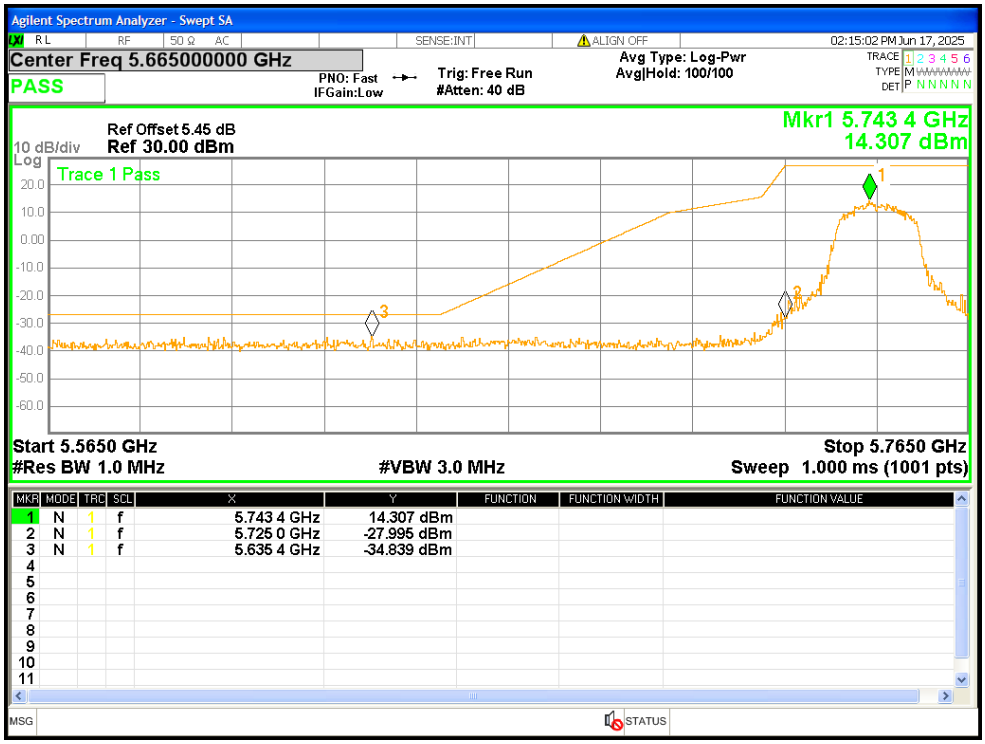
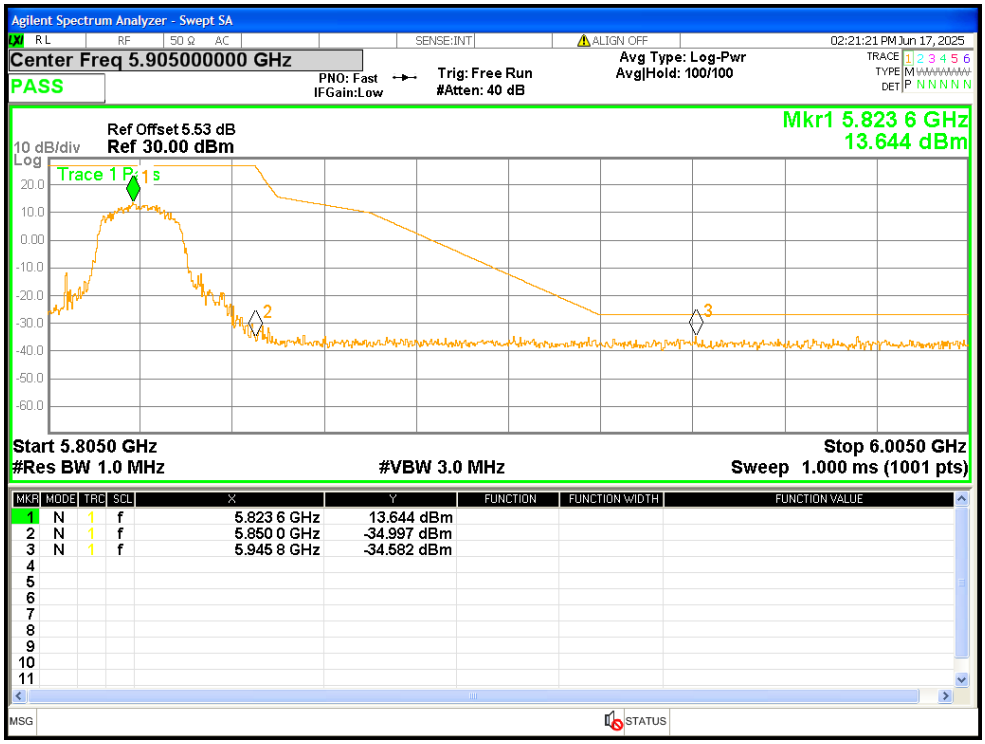
Band Edge NVNT a 5745MHz Low



Band Edge NVNT a 5825MHz High



Band Edge NVNT n20 5745MHz Low



Band Edge NVNT n20 5825MHz High