1. Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	90.16	0.45	0.72
NVNT	a	5785	89.12	0.5	0.72
NVNT	a	5825	90.13	0.45	0.72
NVNT	n20	5745	90.07	0.45	0.77
NVNT	n20	5785	90.06	0.45	0.77
NVNT	n20	5825	90.1	0.45	0.77
NVNT	ac20	5745	90.18	0.45	0.76
NVNT	ac20	5785	90.18	0.45	0.76
NVNT	ac20	5825	89.66	0.47	0.76
NVNT	ac40	5755	82.1	0.86	1.53
NVNT	ac40	5795	82.1	0.86	1.53
NVNT	ac80	5775	69.7	1.57	3.07

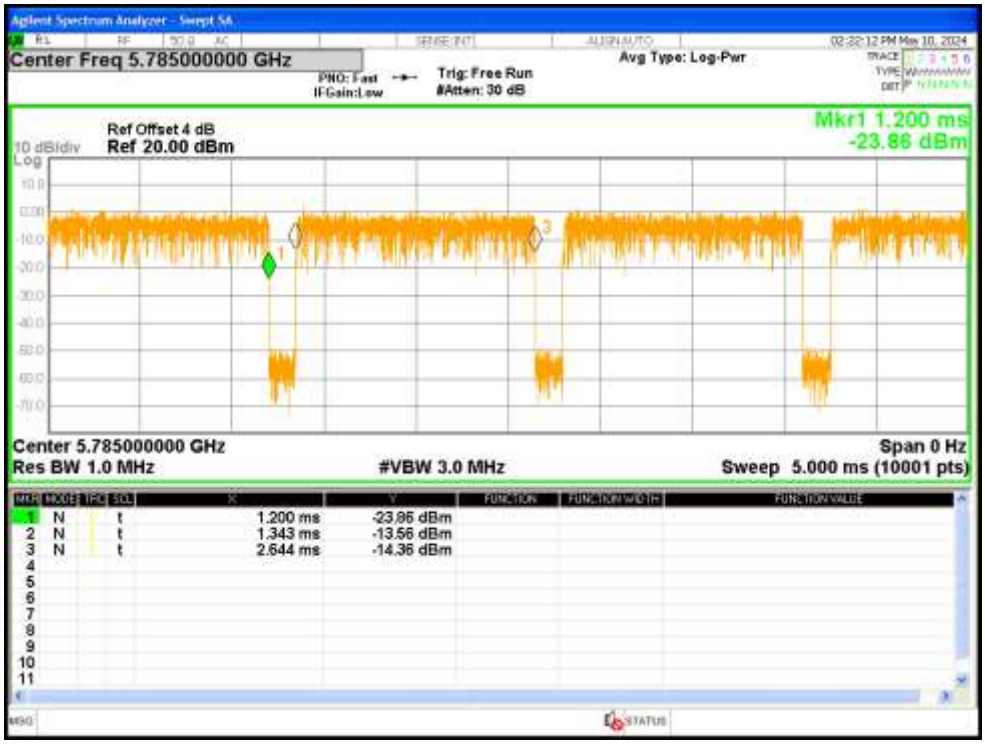
Test Graphs
Duty Cycle NVNT a 5745MHz

Duty Cycle NVNT a 5785MHz

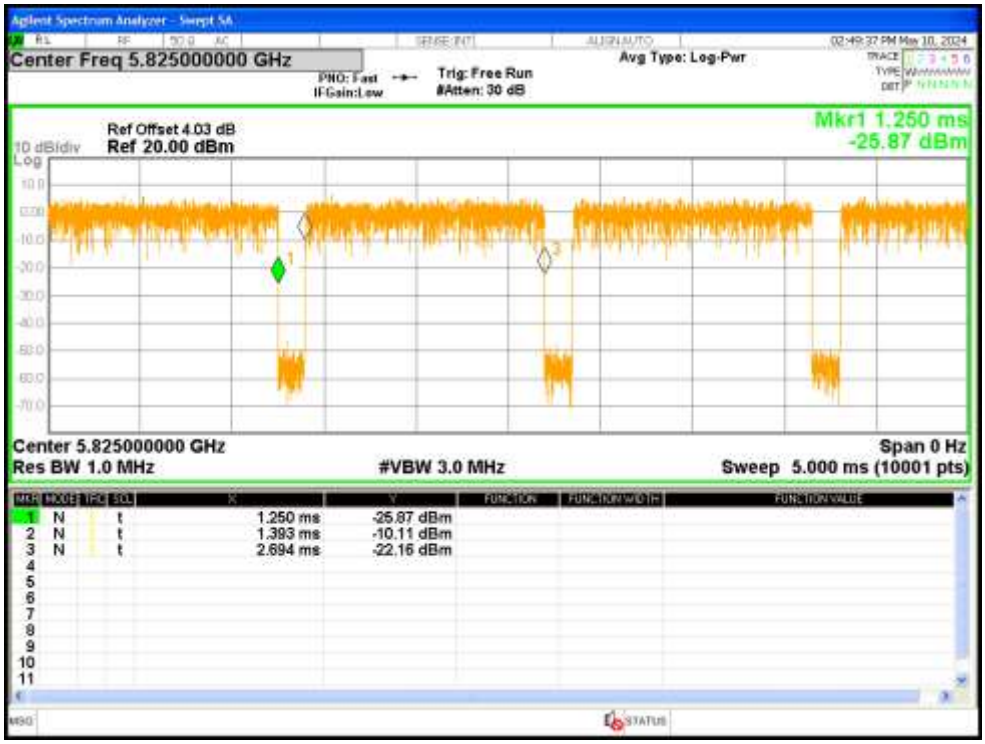
Duty Cycle NVNT a 5825MHz

Duty Cycle NVNT n20 5745MHz

Duty Cycle NVNT n20 5785MHz



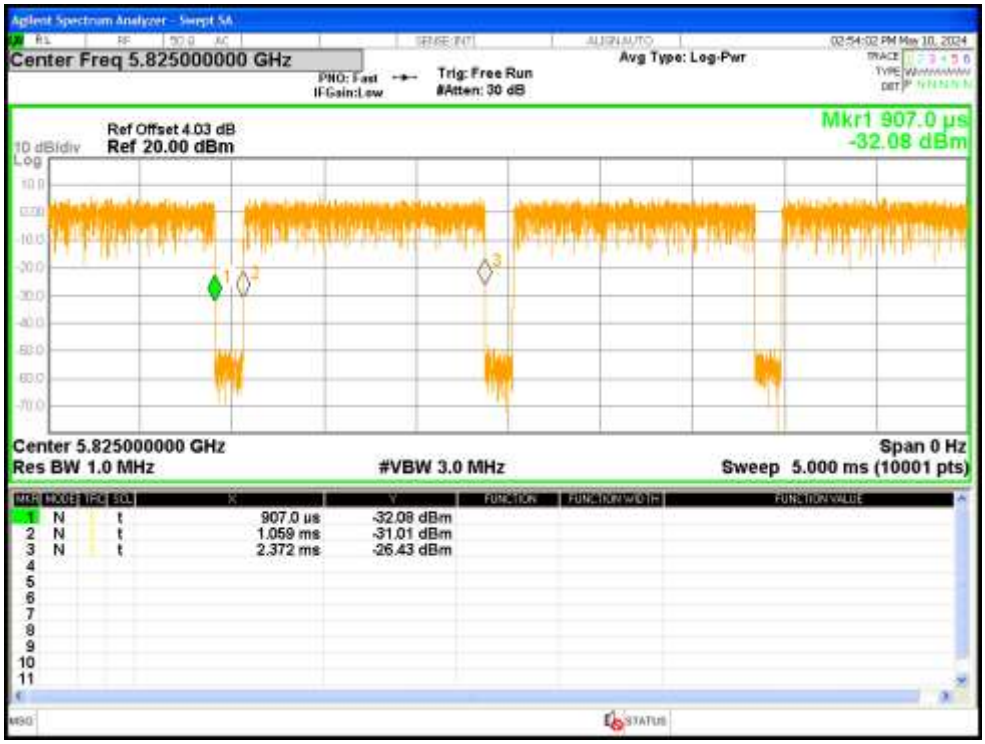
Duty Cycle NVNT n20 5825MHz



Duty Cycle NVNT ac20 5745MHz

Duty Cycle NVNT ac20 5785MHz

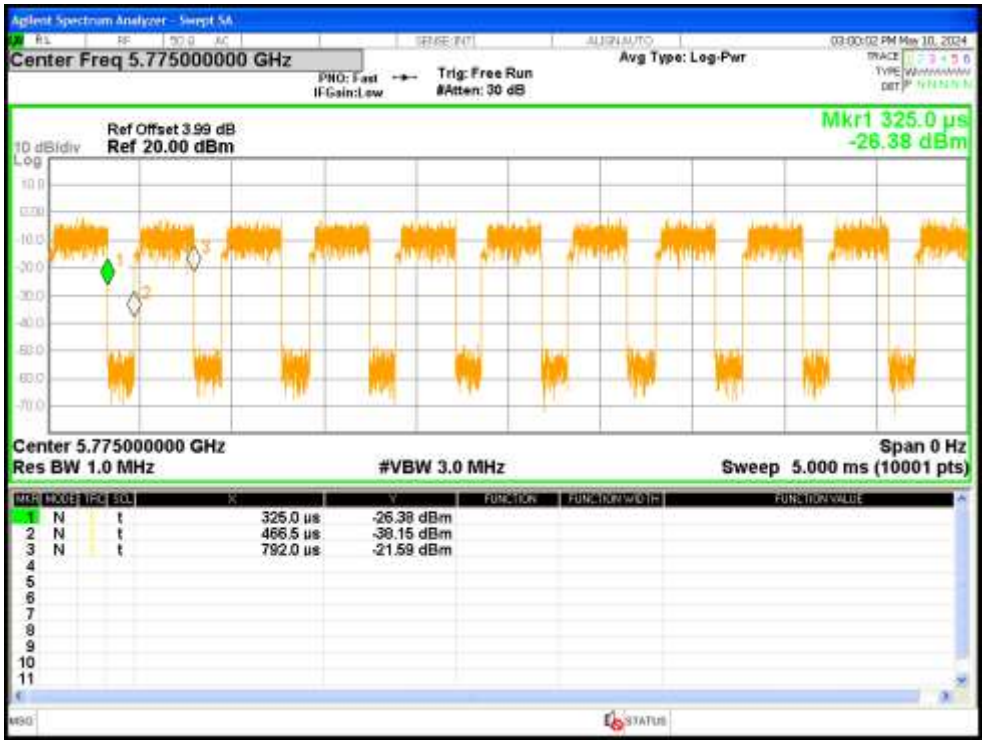
Duty Cycle NVNT ac20 5825MHz



Duty Cycle NVNT ac40 5755MHz

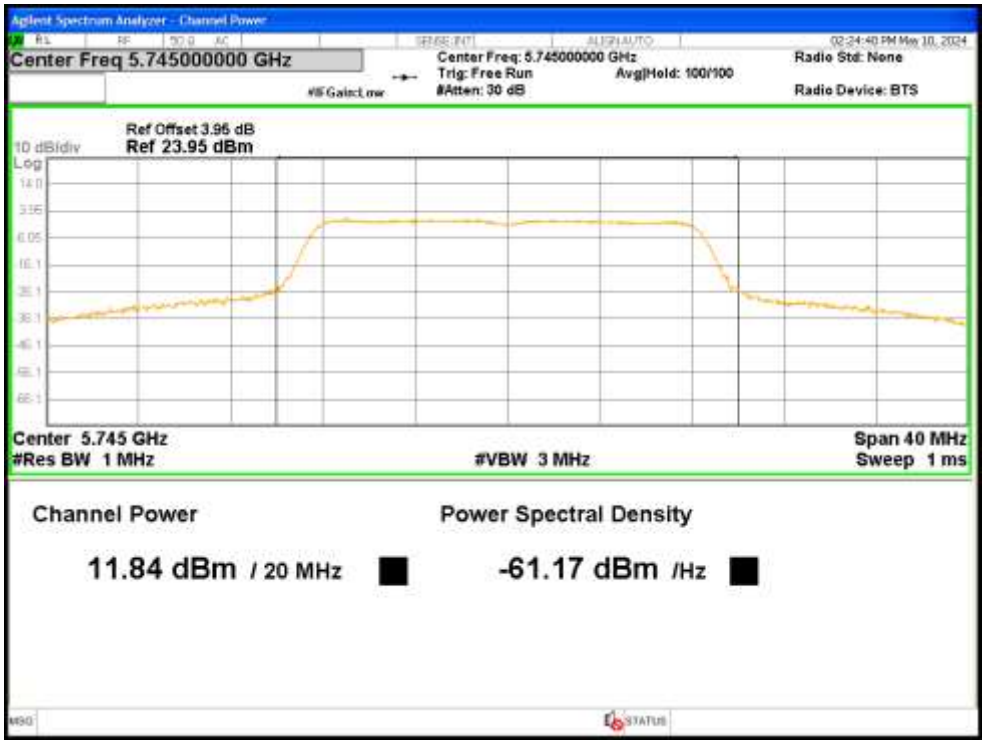
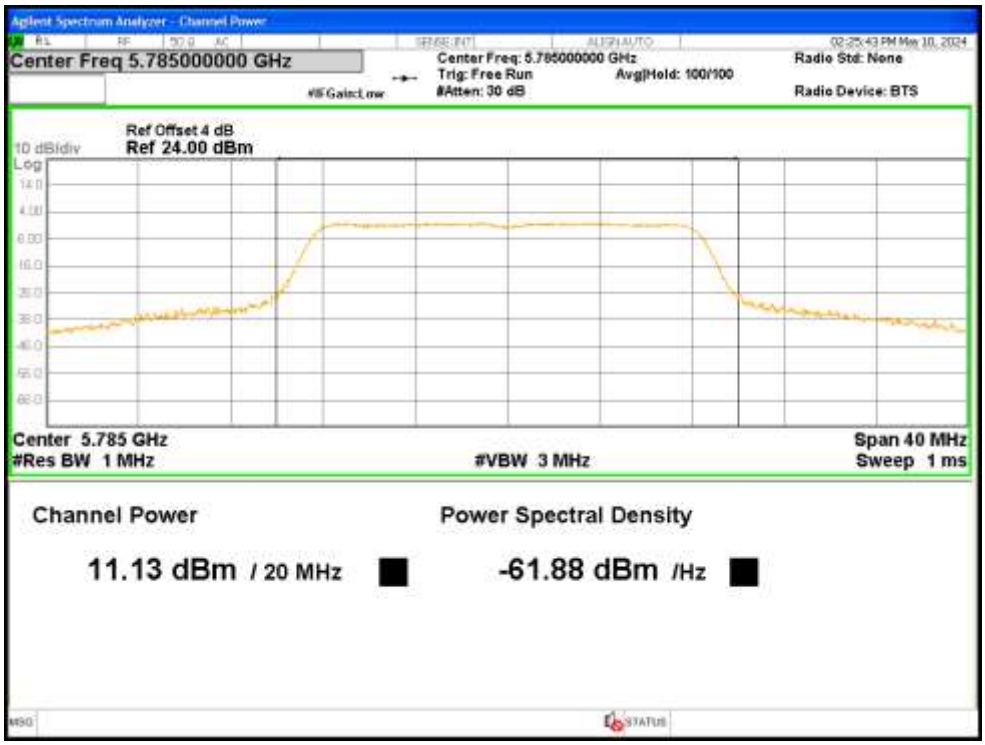
Duty Cycle NVNT ac40 5795MHz

Duty Cycle NVNT ac80 5775MHz

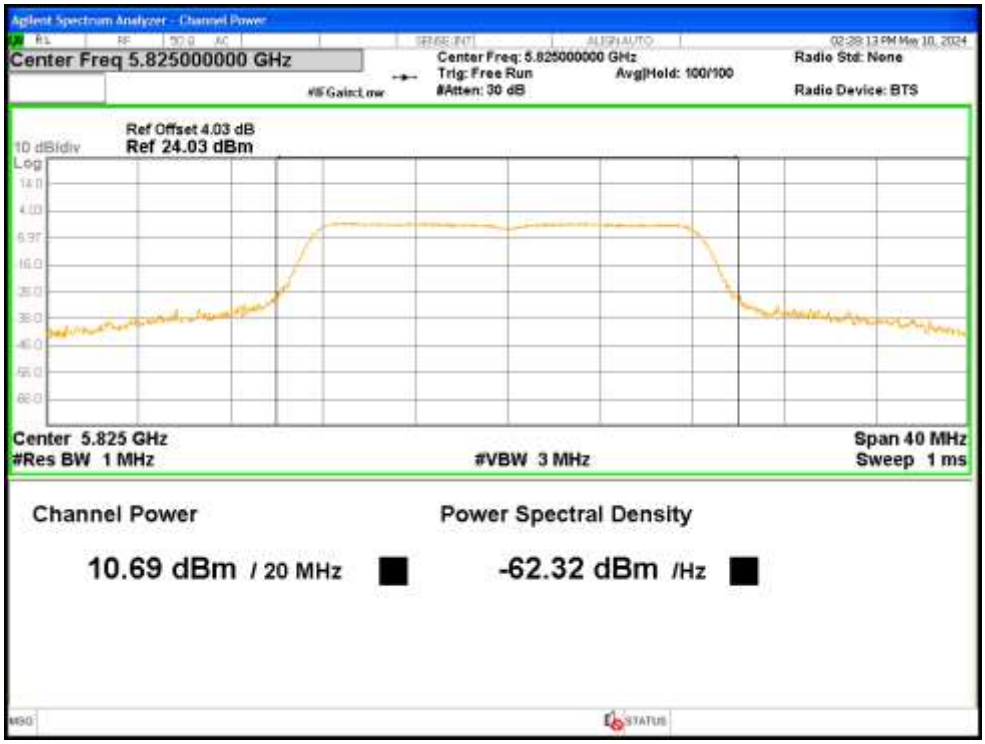


2. Maximum Conducted Output Power

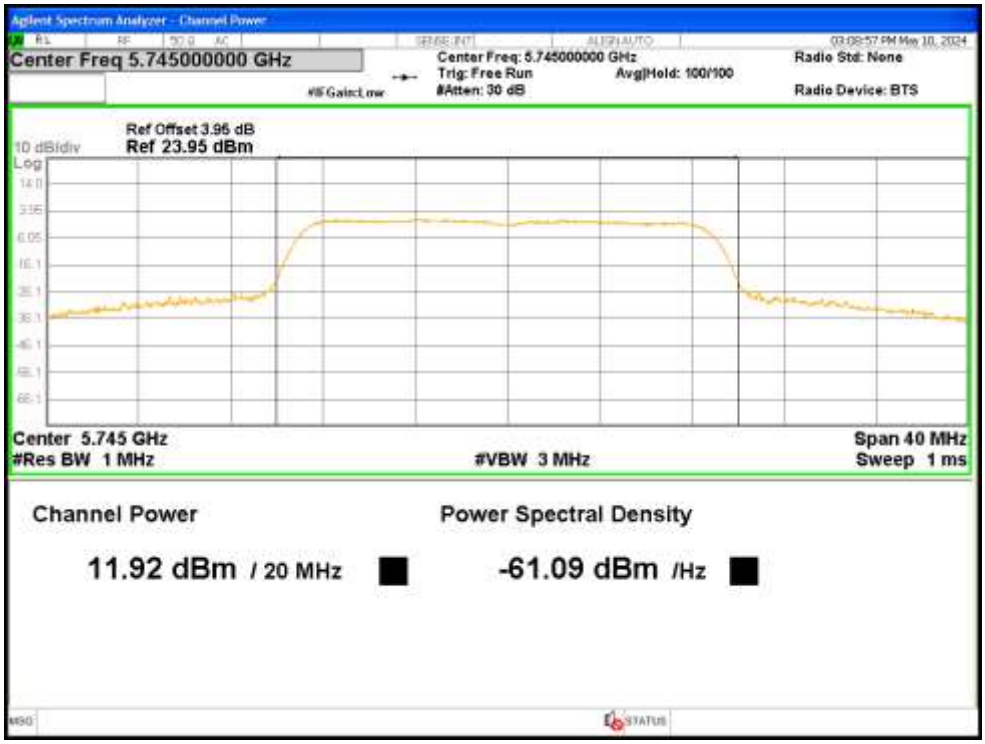
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	11.84	0.45	12.29	<=30	Pass
NVNT	a	5785	11.13	0.5	11.63	<=30	Pass
NVNT	a	5825	10.69	0.45	11.14	<=30	Pass
NVNT	n20	5745	11.92	0.45	12.37	<=30	Pass
NVNT	n20	5785	11.13	0.45	11.58	<=30	Pass
NVNT	n20	5825	10.89	0.45	11.34	<=30	Pass
NVNT	ac20	5745	11.86	0.45	12.31	<=30	Pass
NVNT	ac20	5785	11.1	0.45	11.55	<=30	Pass
NVNT	ac20	5825	10.78	0.47	11.25	<=30	Pass
NVNT	ac40	5755	11.39	0.86	12.25	<=30	Pass
NVNT	ac40	5795	11.14	0.86	12	<=30	Pass
NVNT	ac80	5775	10.81	1.57	12.38	<=30	Pass

Test Graphs
Power NVNT a 5745MHz

Power NVNT a 5785MHz


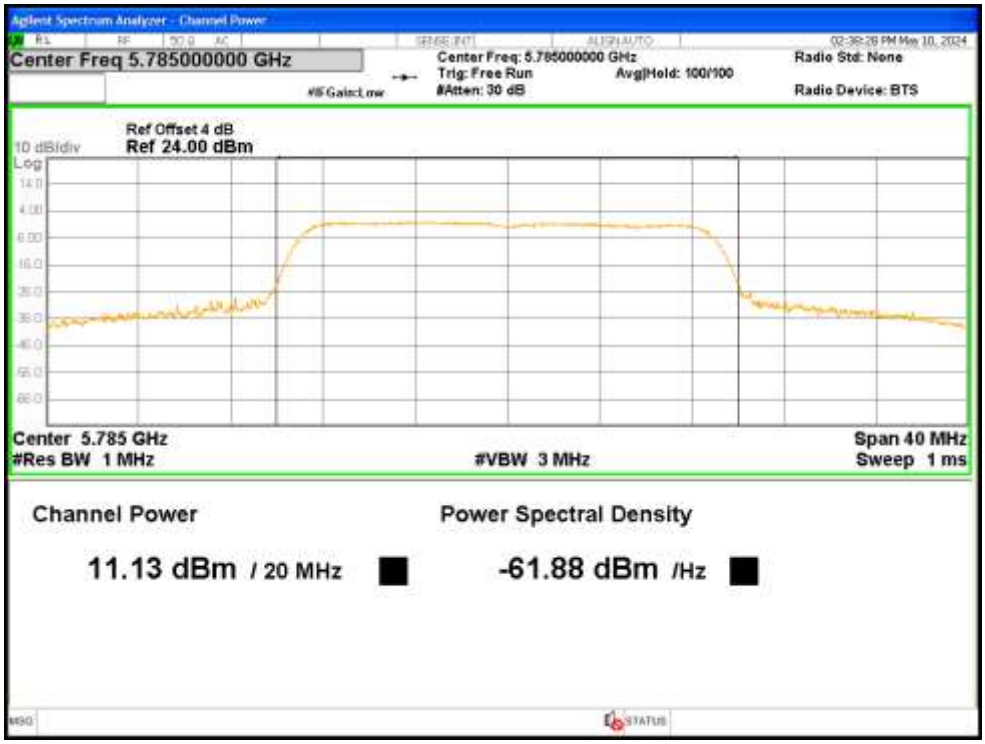
Power NVNT a 5825MHz



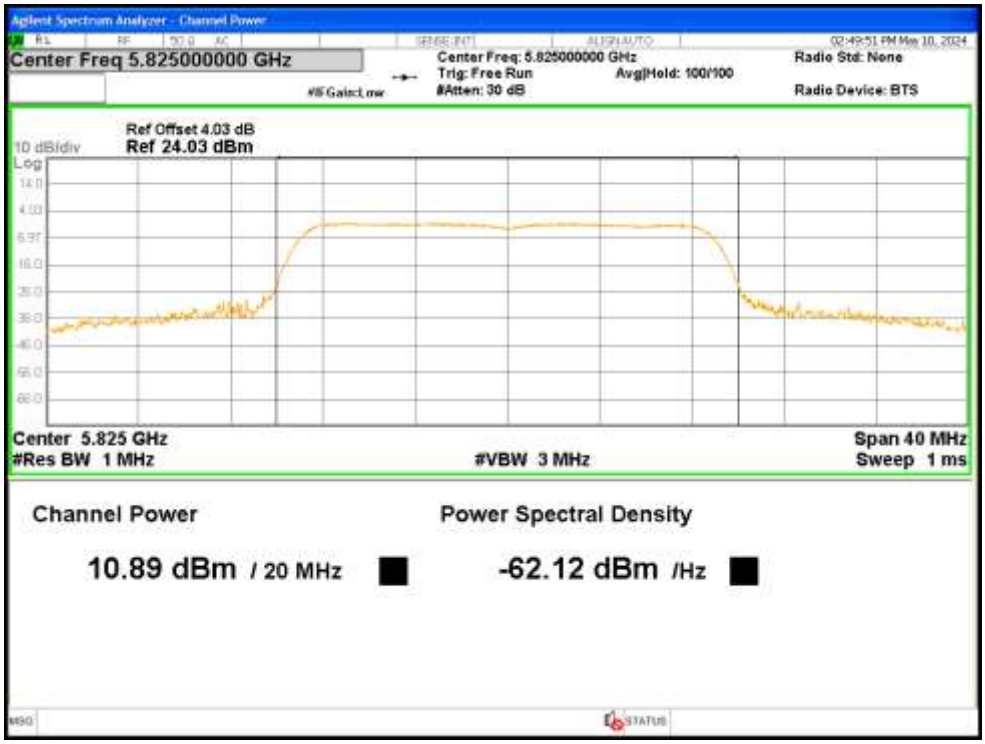
Power NVNT n20 5745MHz



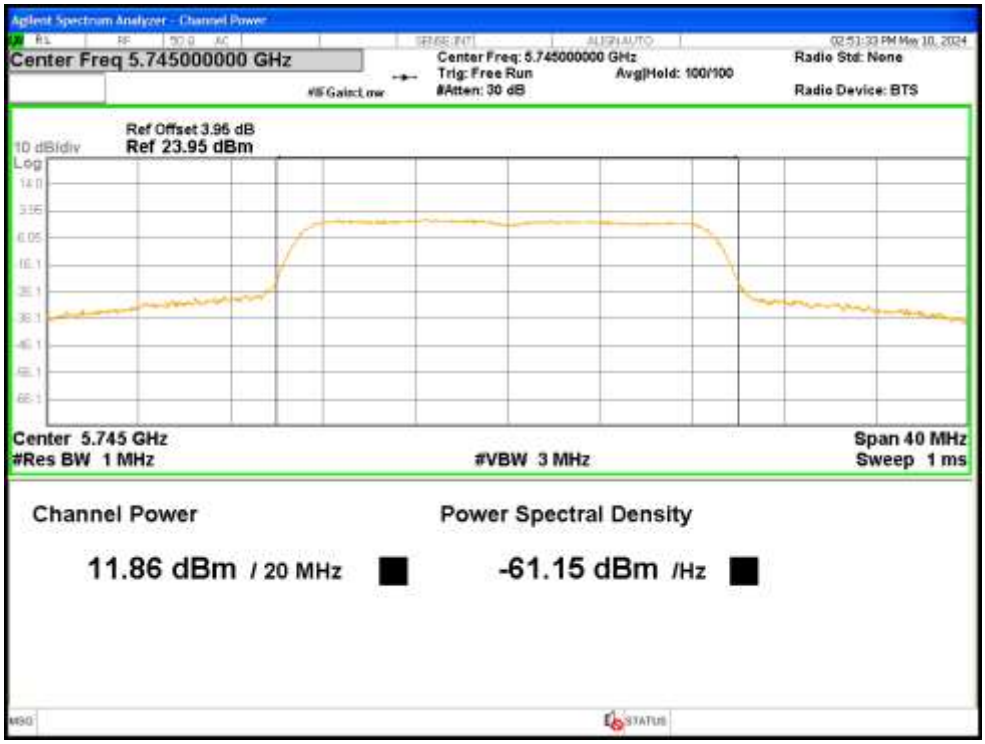
Power NVNT n20 5785MHz



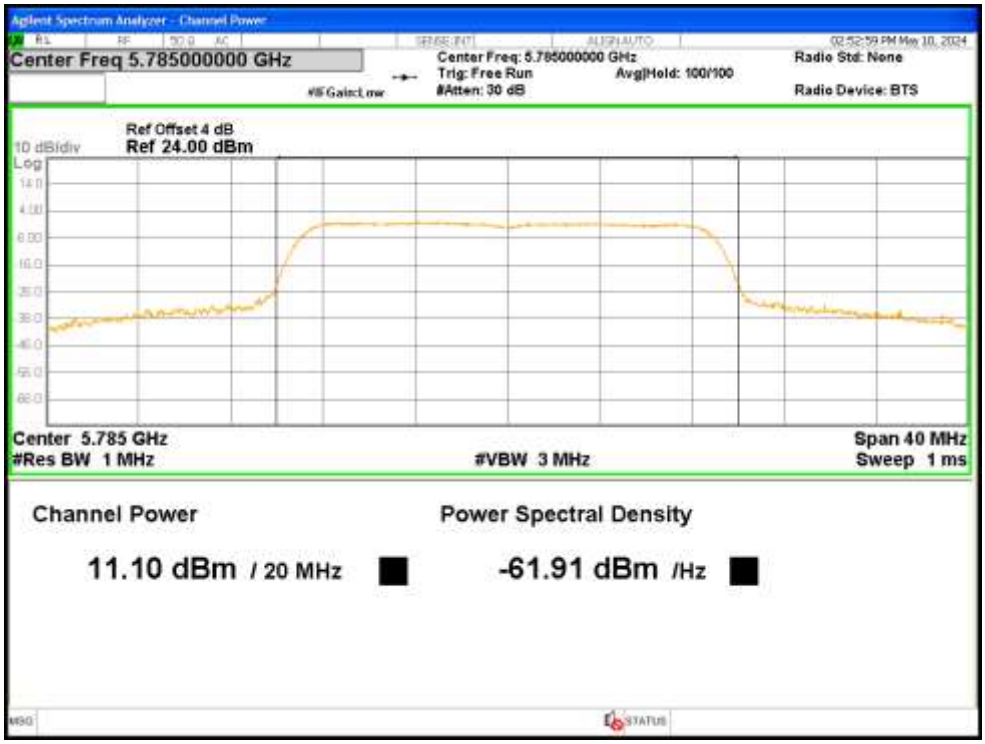
Power NVNT n20 5825MHz



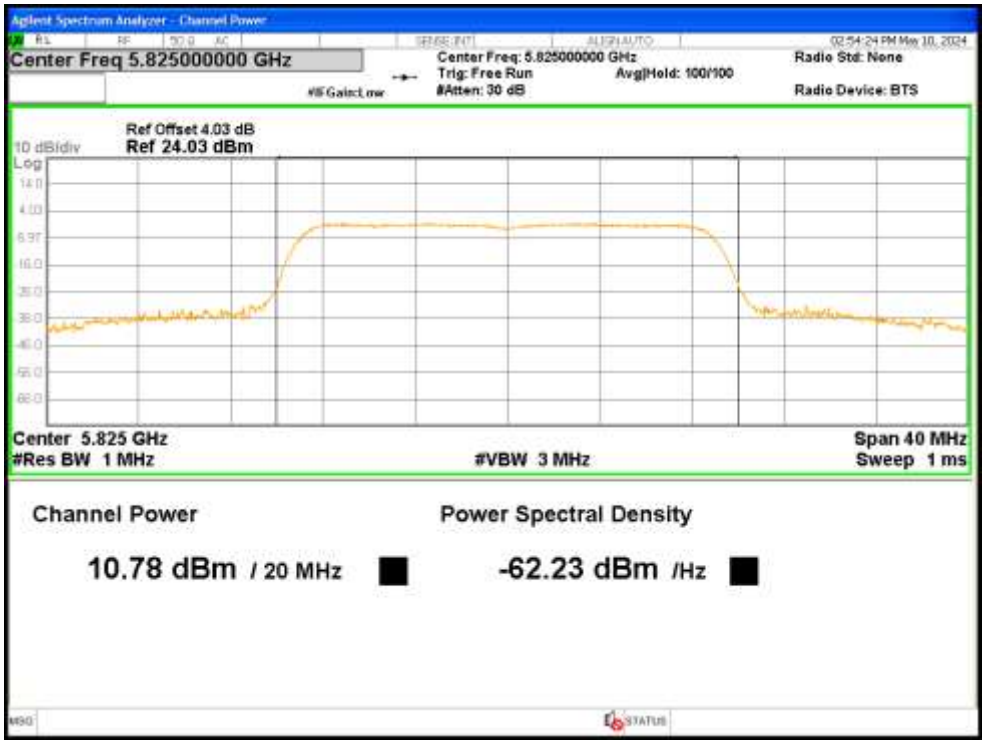
Power NVNT ac20 5745MHz



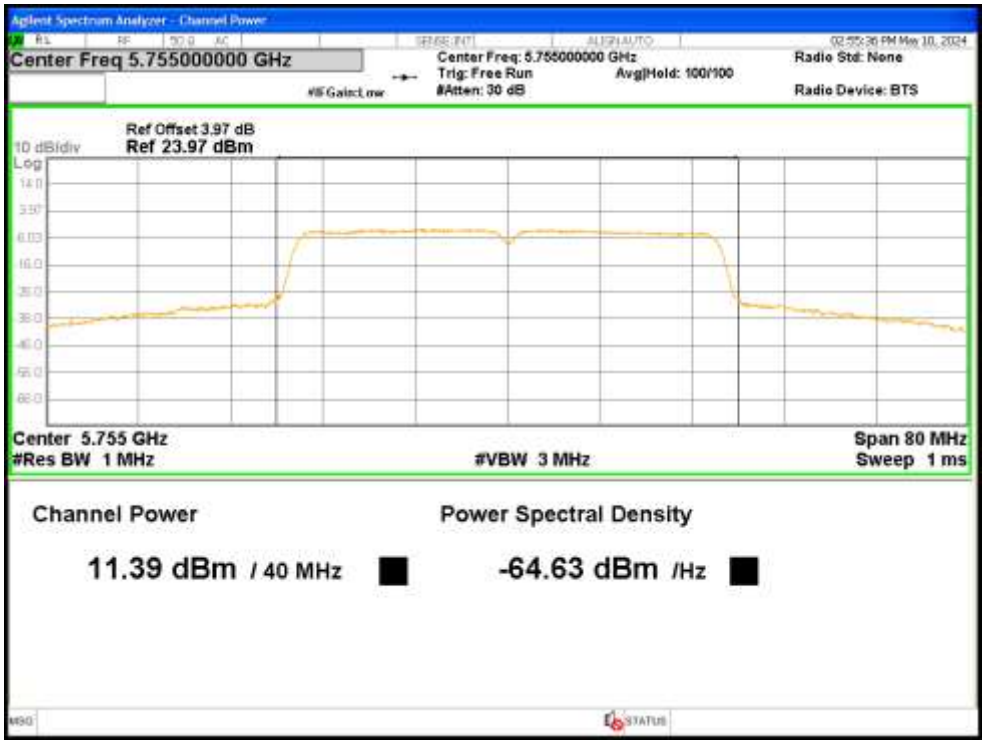
Power NVNT ac20 5785MHz



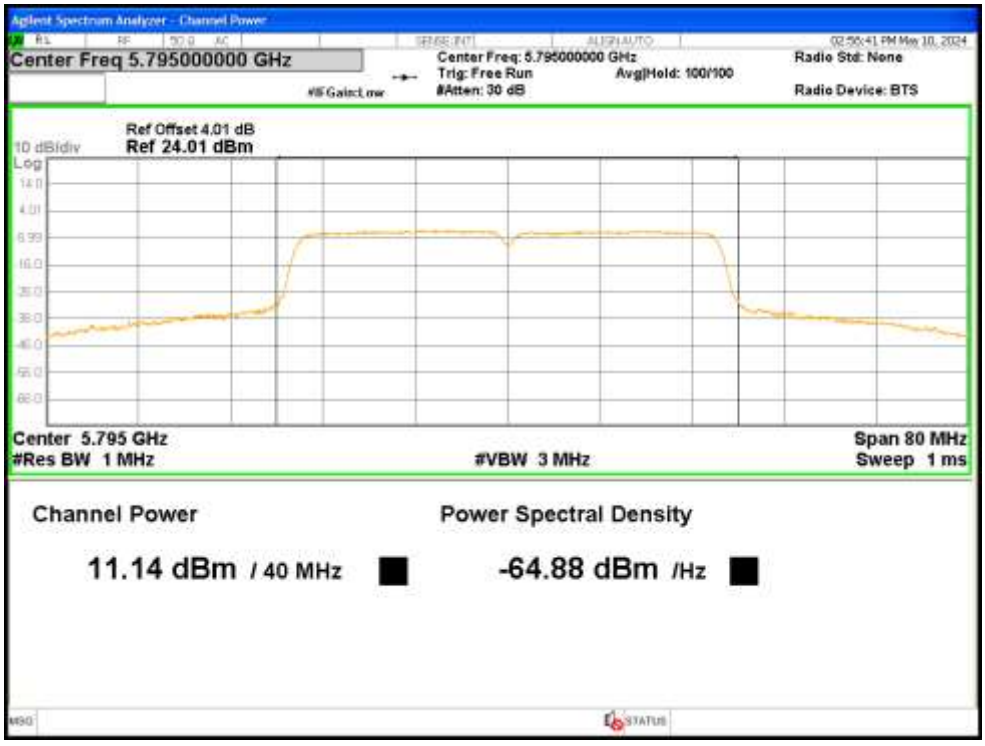
Power NVNT ac20 5825MHz



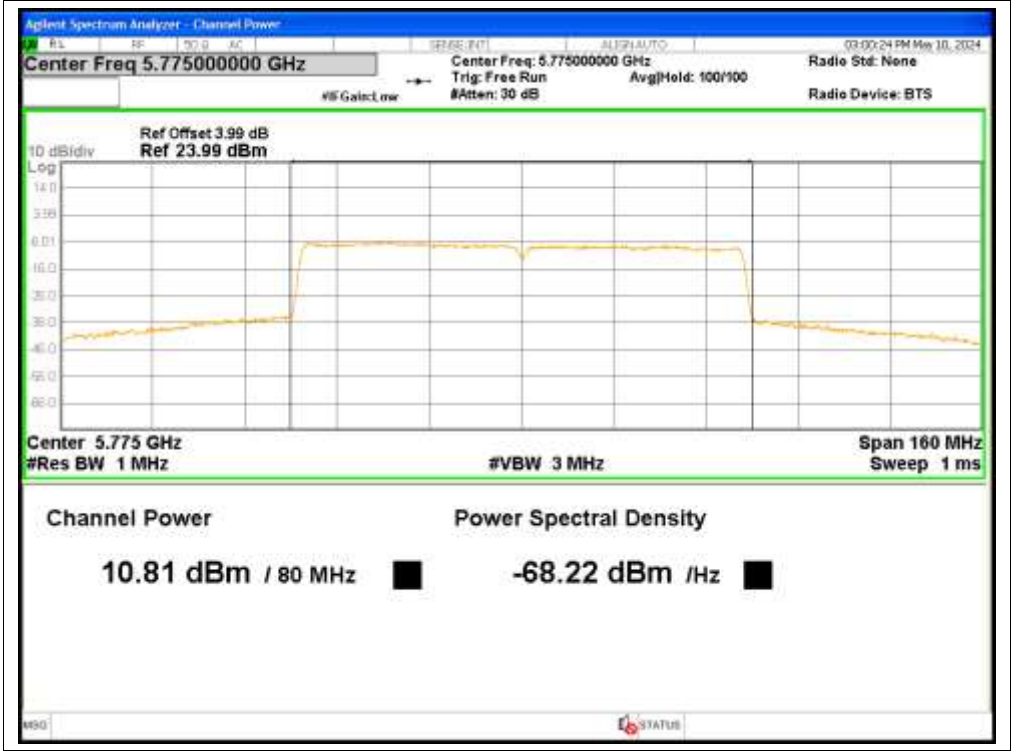
Power NVNT ac40 5755MHz



Power NVNT ac40 5795MHz

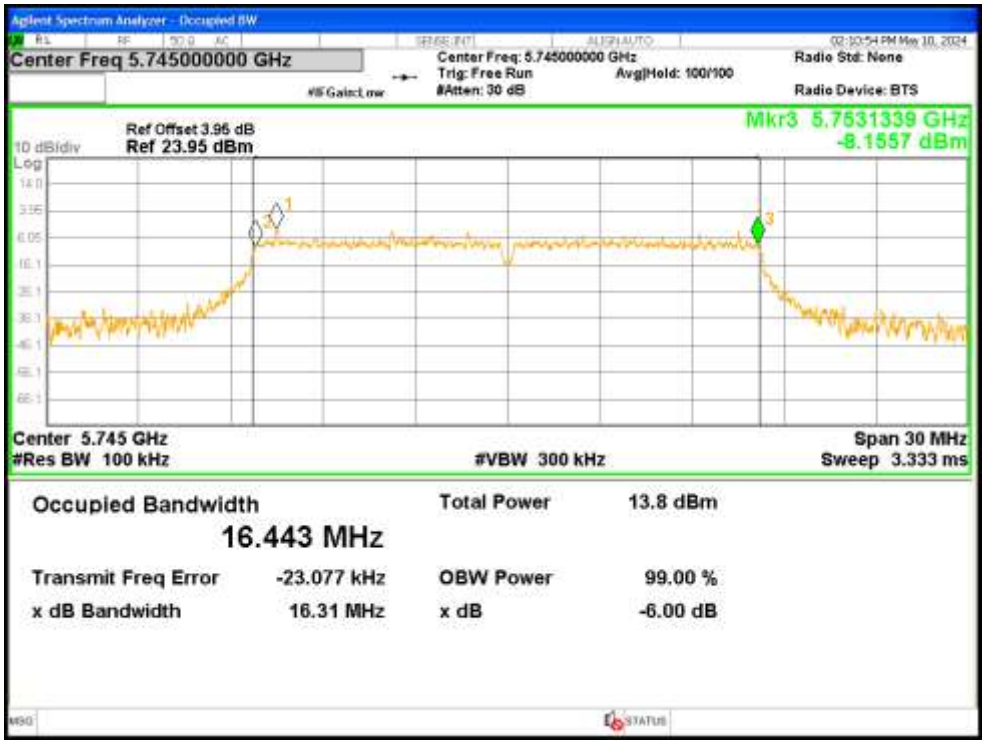
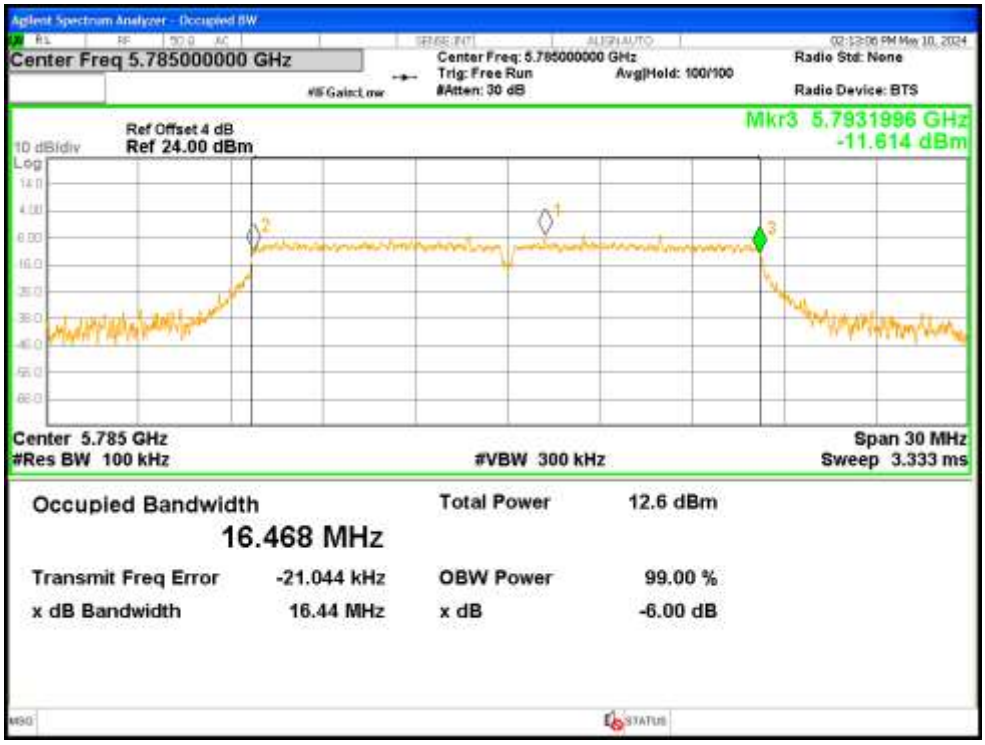


Power NVNT ac80 5775MHz

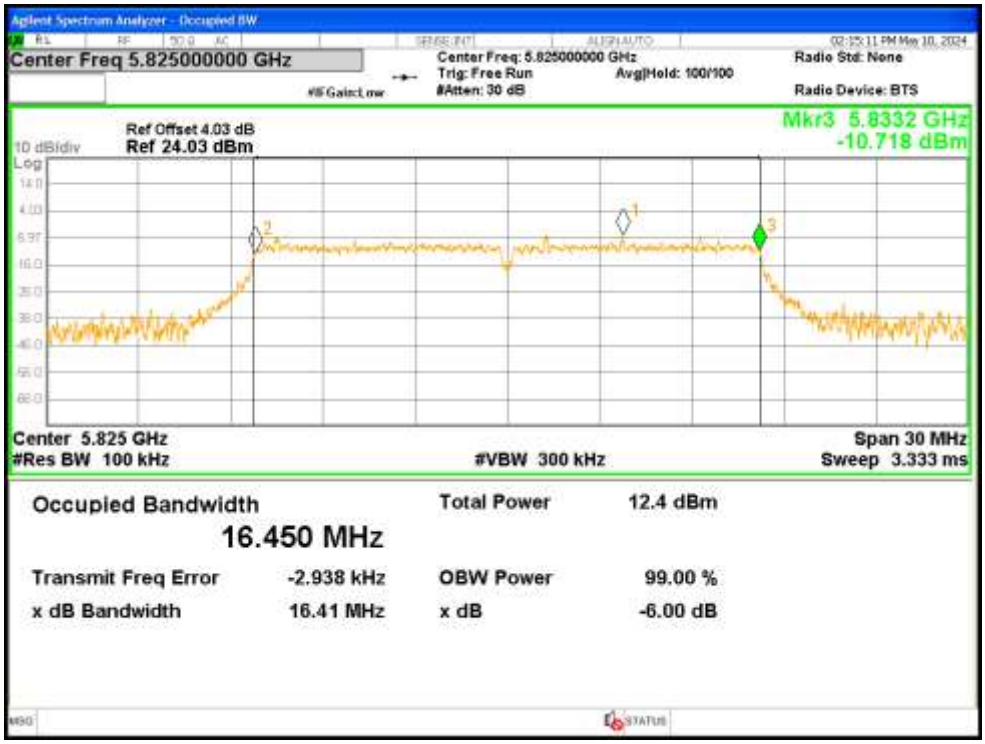


3. -6dB Bandwidth

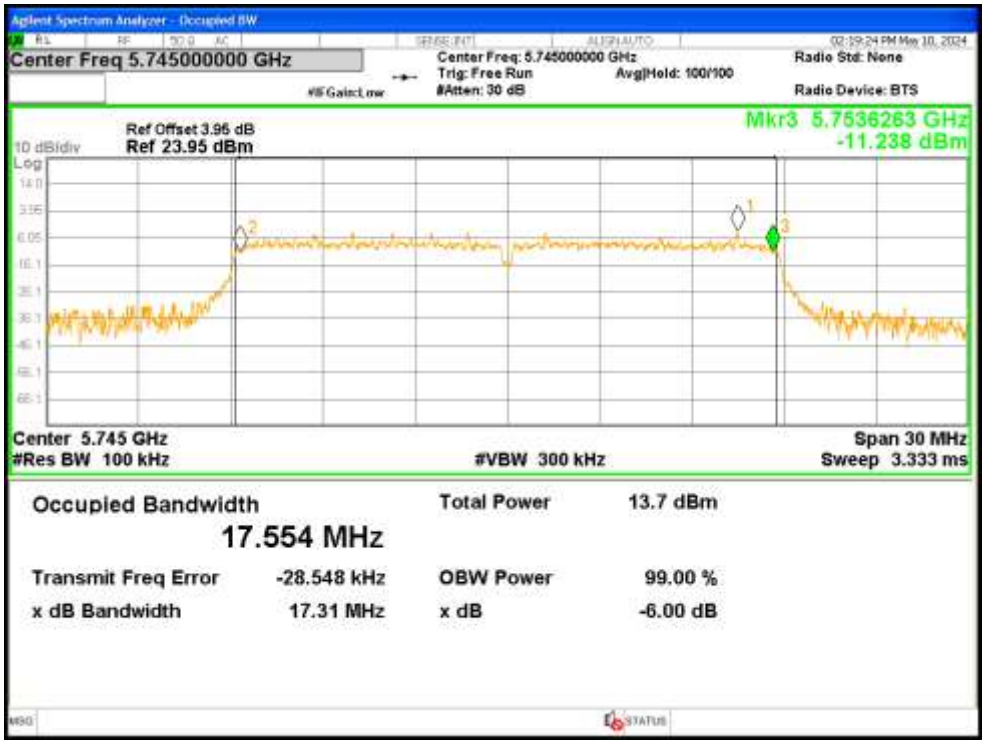
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	16.314	>=0.5	Pass
NVNT	a	5785	16.4412	>=0.5	Pass
NVNT	a	5825	16.406	>=0.5	Pass
NVNT	n20	5745	17.3097	>=0.5	Pass
NVNT	n20	5785	17.5415	>=0.5	Pass
NVNT	n20	5825	17.0079	>=0.5	Pass
NVNT	ac20	5745	16.8856	>=0.5	Pass
NVNT	ac20	5785	17.1065	>=0.5	Pass
NVNT	ac20	5825	17.0541	>=0.5	Pass
NVNT	ac40	5755	35.4356	>=0.5	Pass
NVNT	ac40	5795	35.6907	>=0.5	Pass
NVNT	ac80	5775	75.4656	>=0.5	Pass

Test Graphs
-6dB Bandwidth NVNT a 5745MHz

-6dB Bandwidth NVNT a 5785MHz


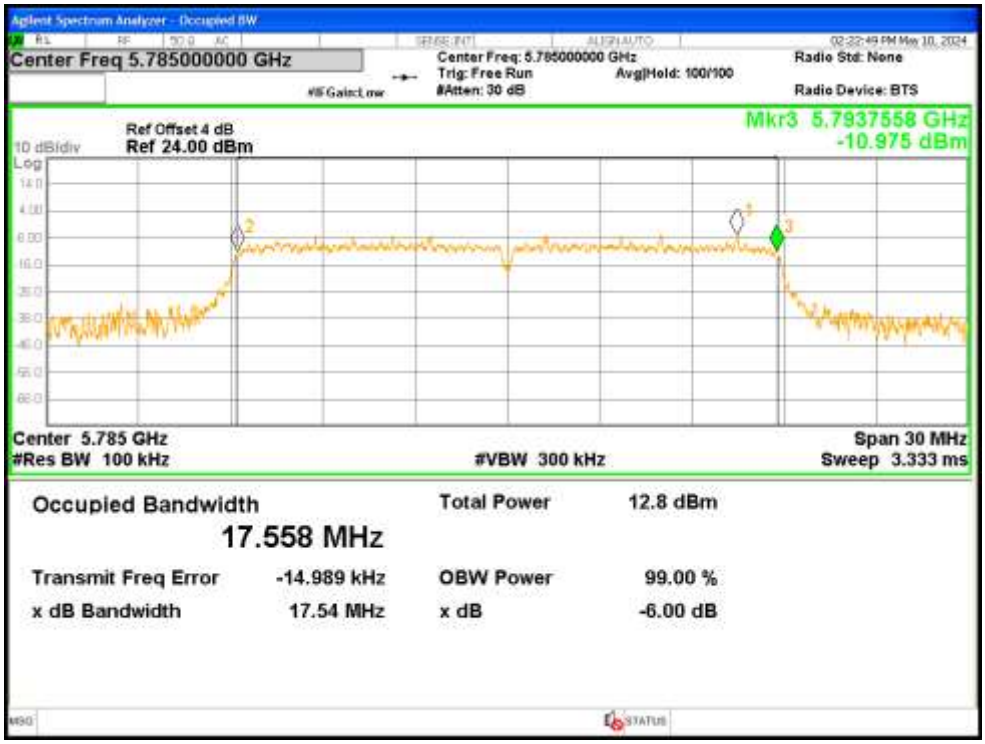
-6dB Bandwidth NVNT a 5825MHz



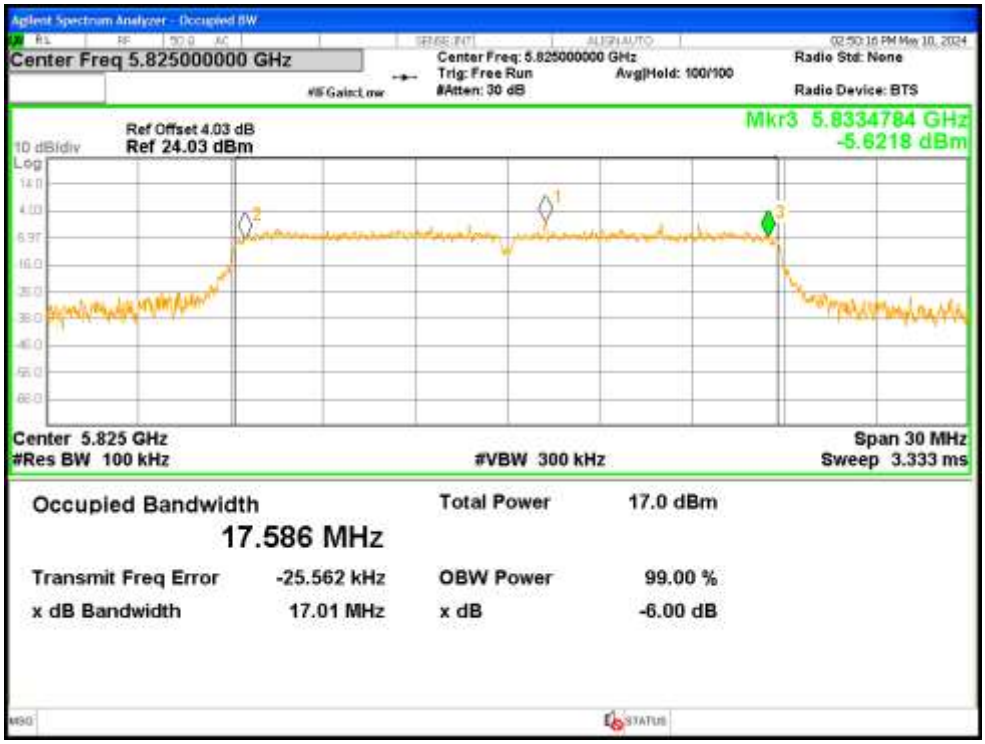
-6dB Bandwidth NVNT n20 5745MHz



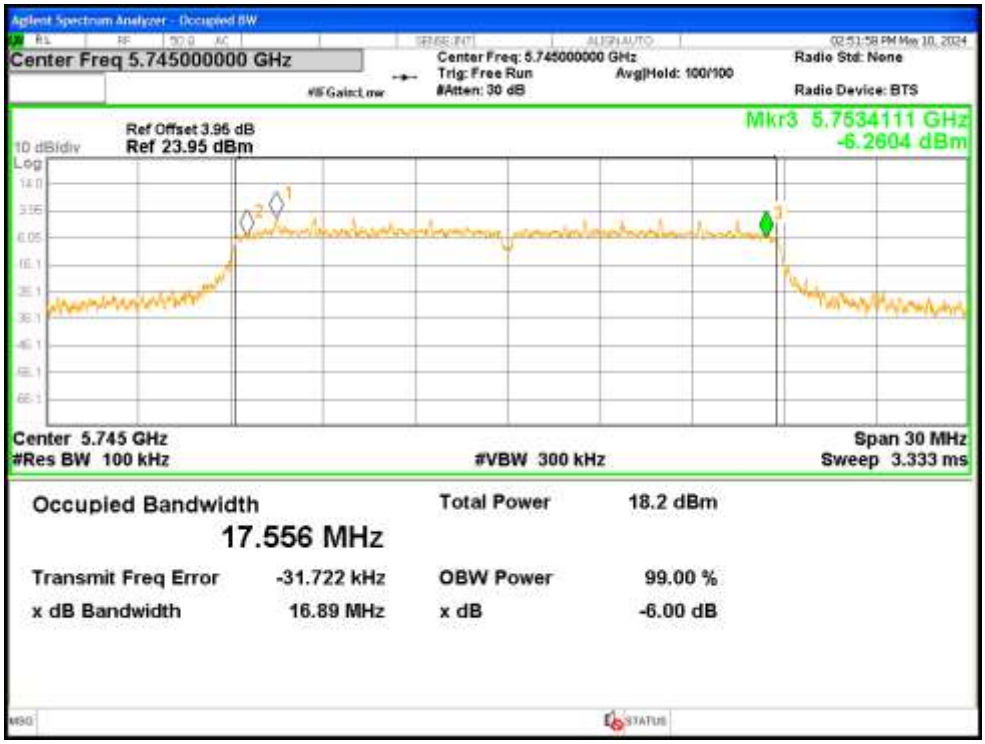
-6dB Bandwidth NVNT n20 5785MHz



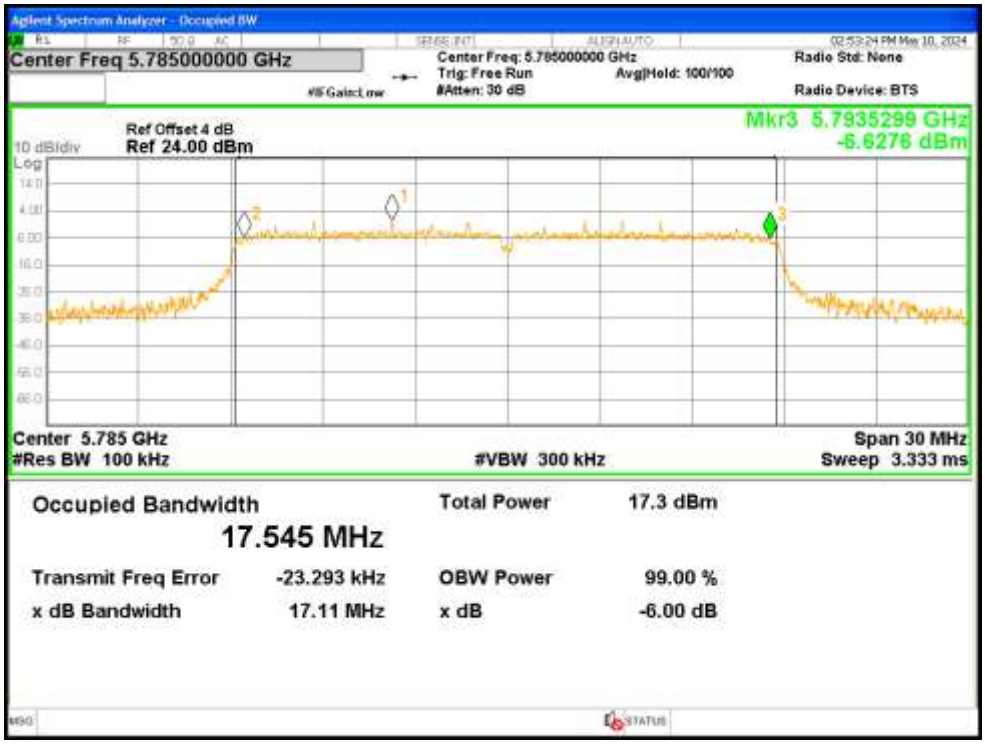
-6dB Bandwidth NVNT n20 5825MHz



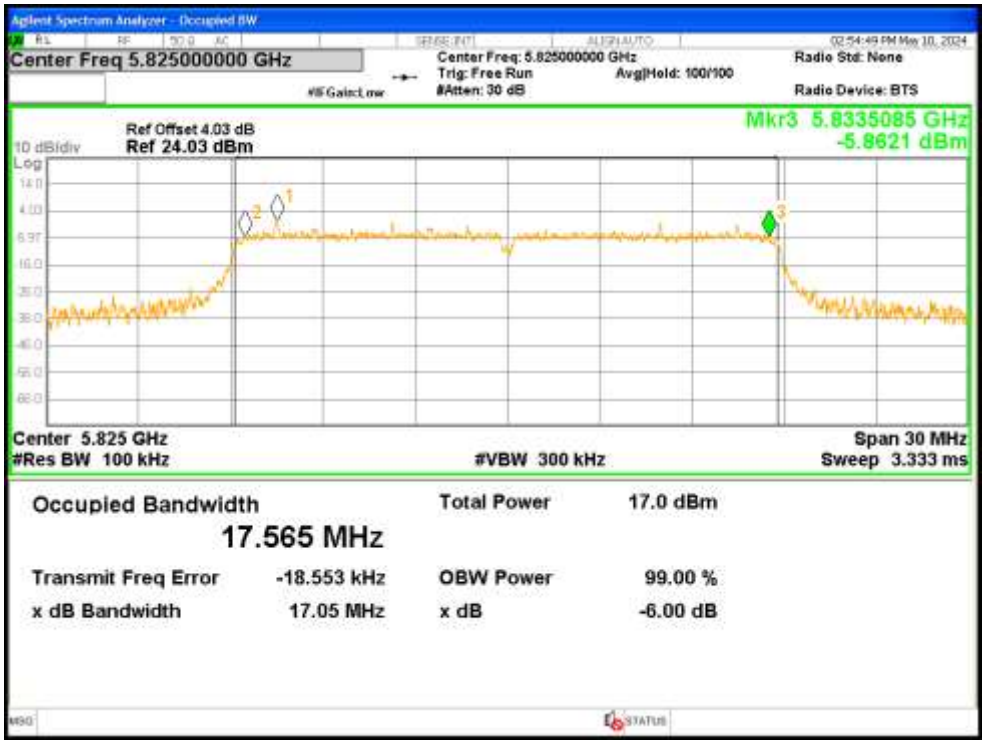
-6dB Bandwidth NVNT ac20 5745MHz



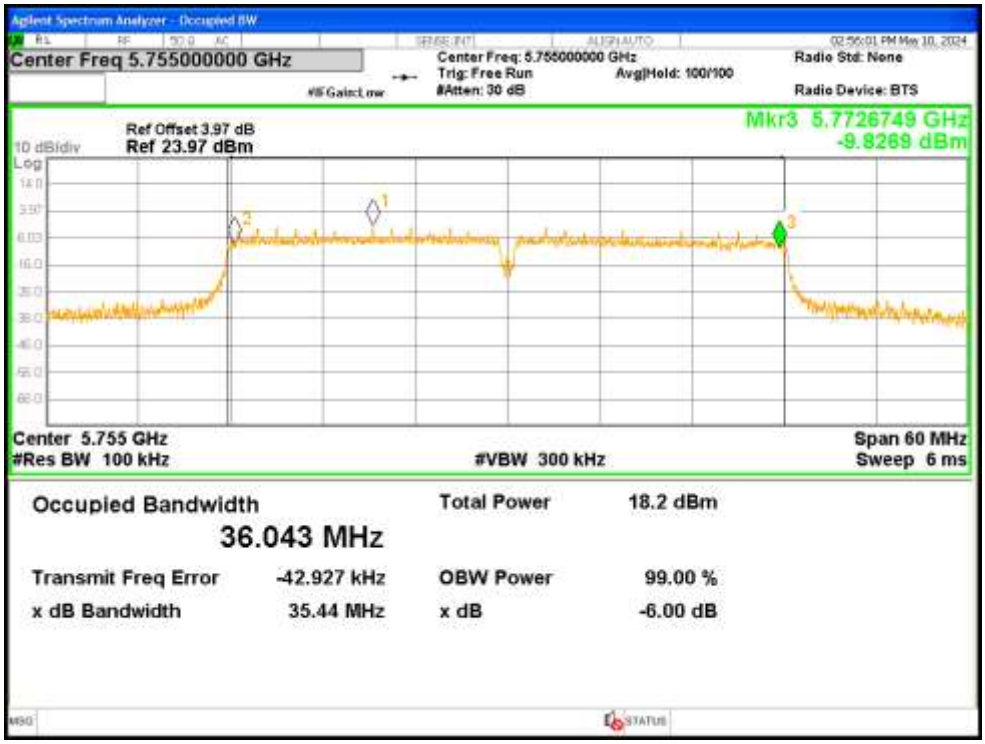
-6dB Bandwidth NVNT ac20 5785MHz



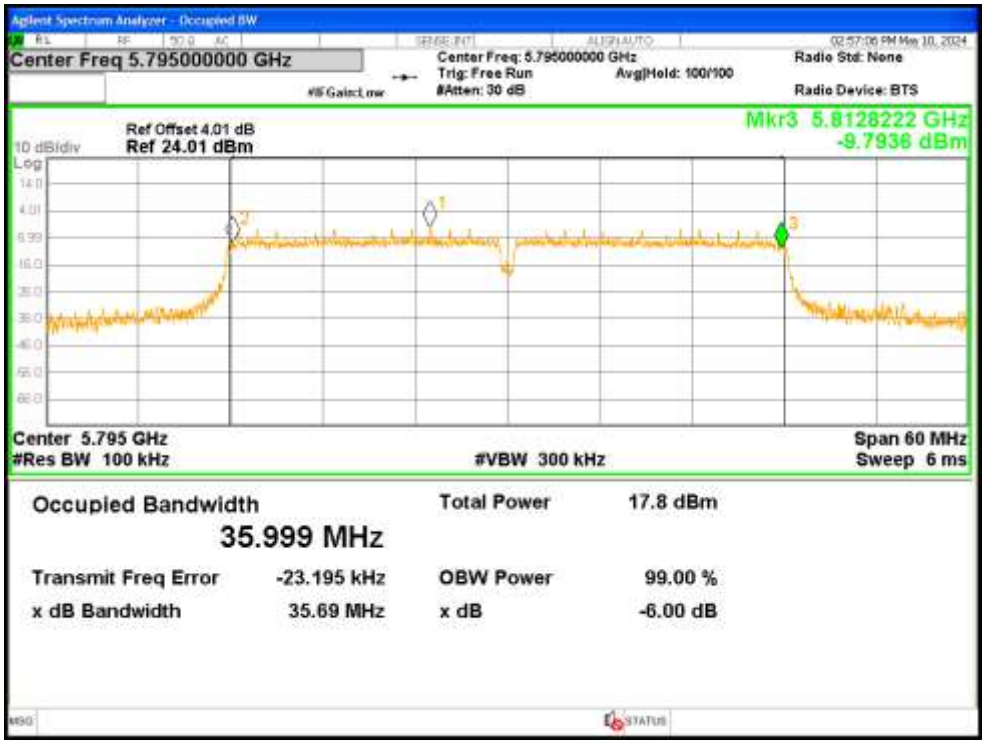
-6dB Bandwidth NVNT ac20 5825MHz



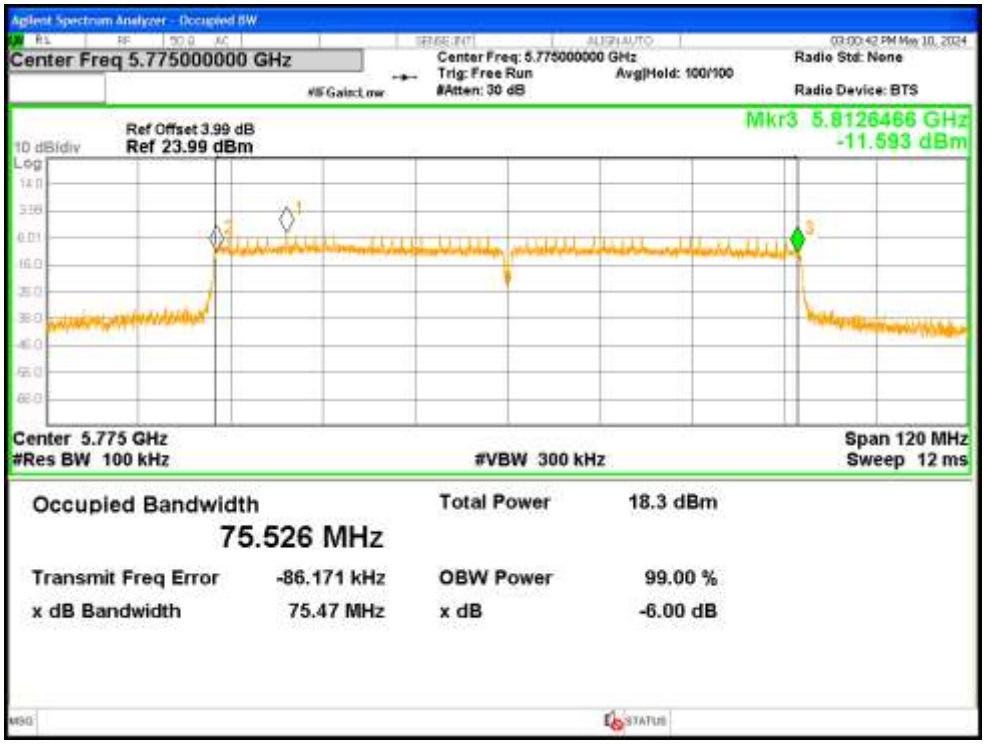
-6dB Bandwidth NVNT ac40 5755MHz



-6dB Bandwidth NVNT ac40 5795MHz



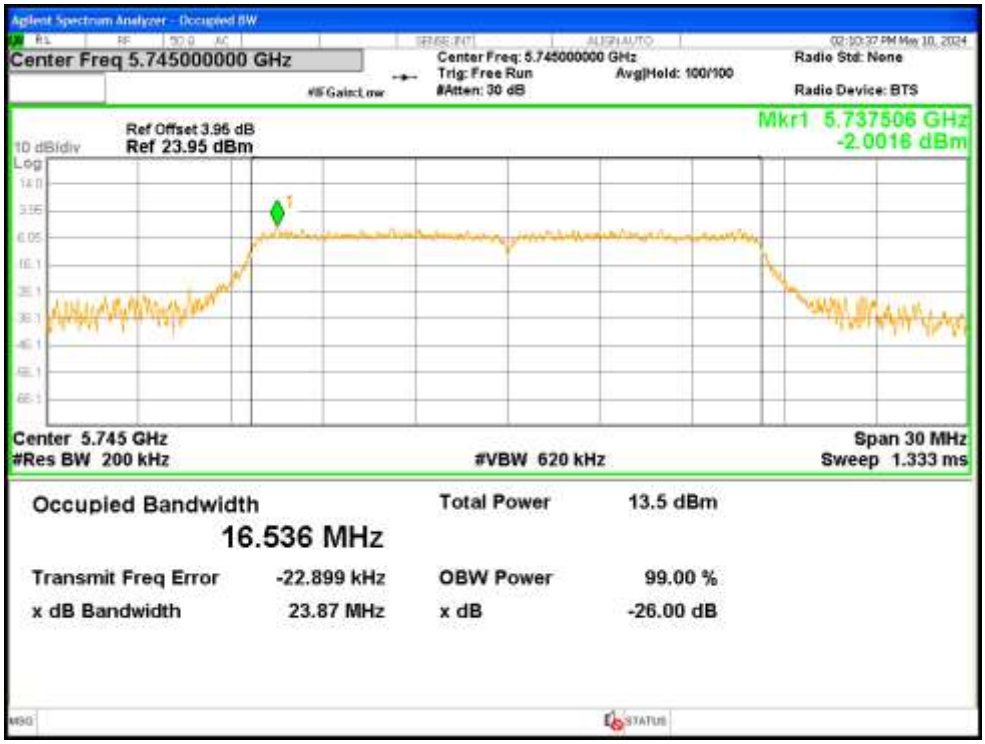
-6dB Bandwidth NVNT ac80 5775MHz



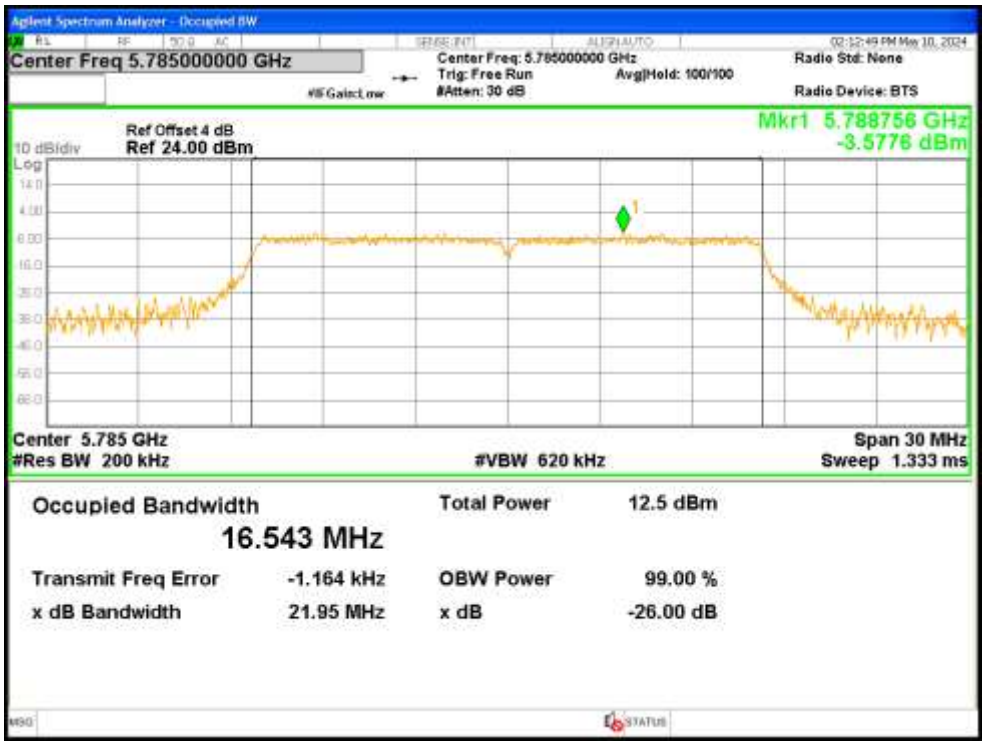
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.5359
NVNT	a	5785	16.5434
NVNT	a	5825	16.5671
NVNT	n20	5745	17.6091
NVNT	n20	5785	17.5927
NVNT	n20	5825	17.6267
NVNT	ac20	5745	17.5668
NVNT	ac20	5785	17.5909
NVNT	ac20	5825	17.6059
NVNT	ac40	5755	36.1507
NVNT	ac40	5795	36.115
NVNT	ac80	5775	75.6406

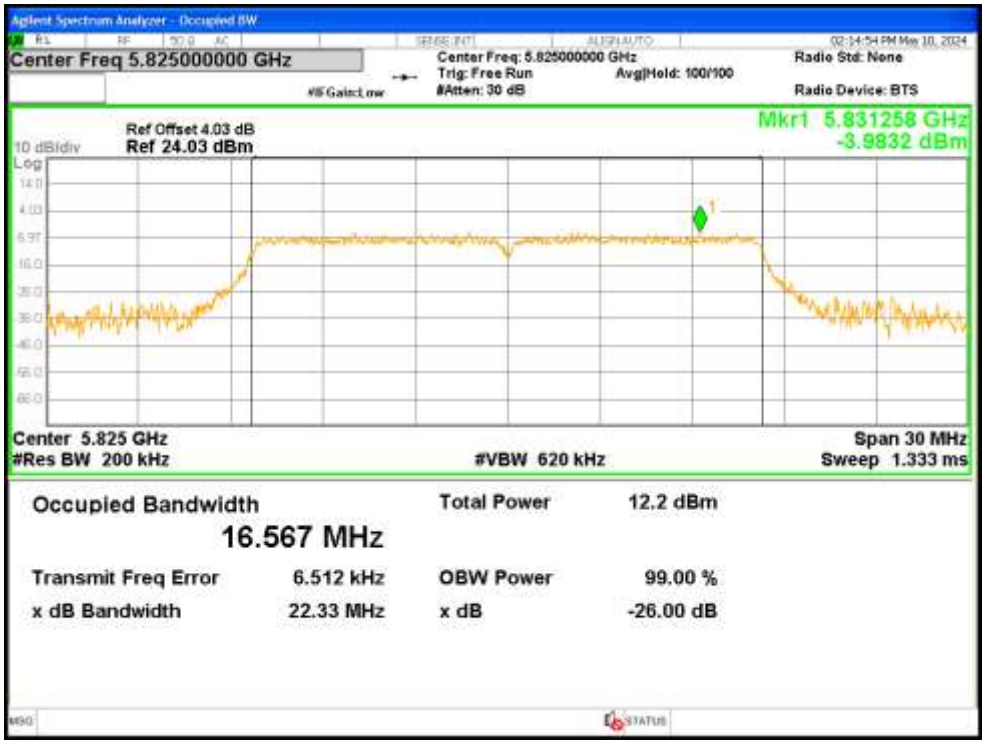
Test Graphs
OBW NVNT a 5745MHz



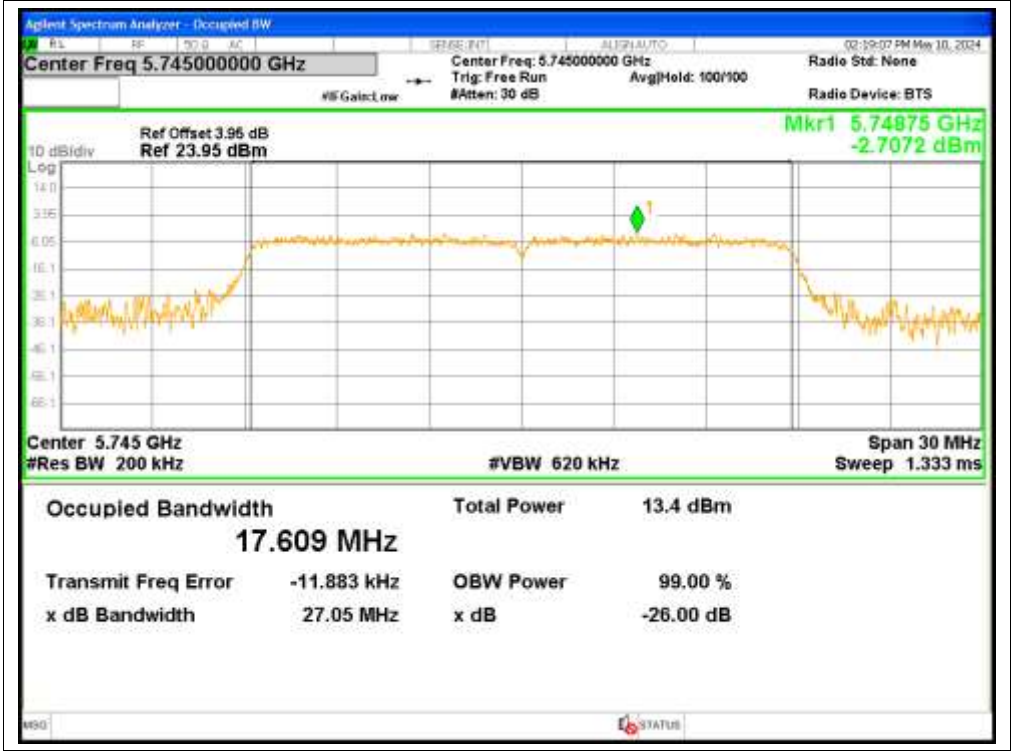
OBW NVNT a 5785MHz



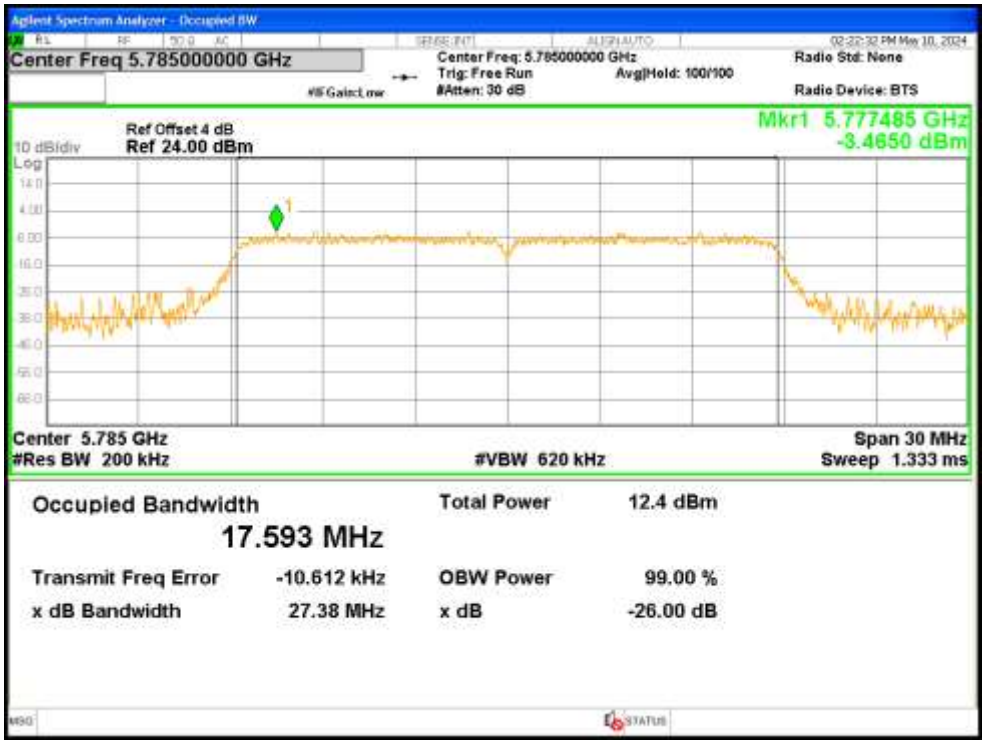
OBW NVNT a 5825MHz



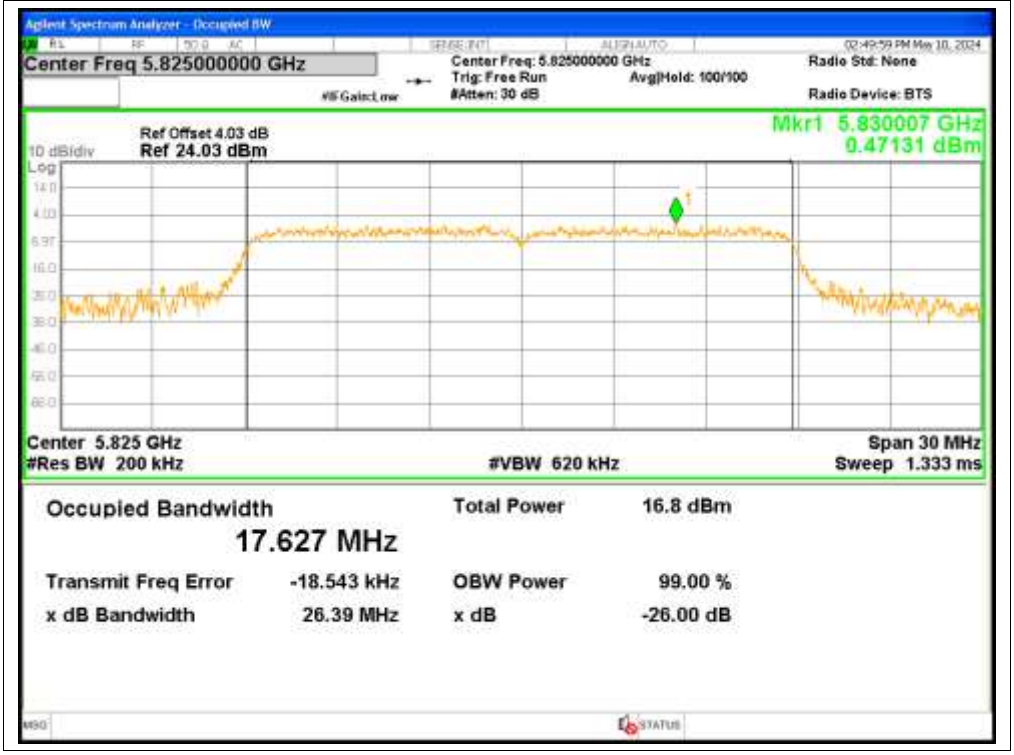
OBW NVNT n20 5745MHz



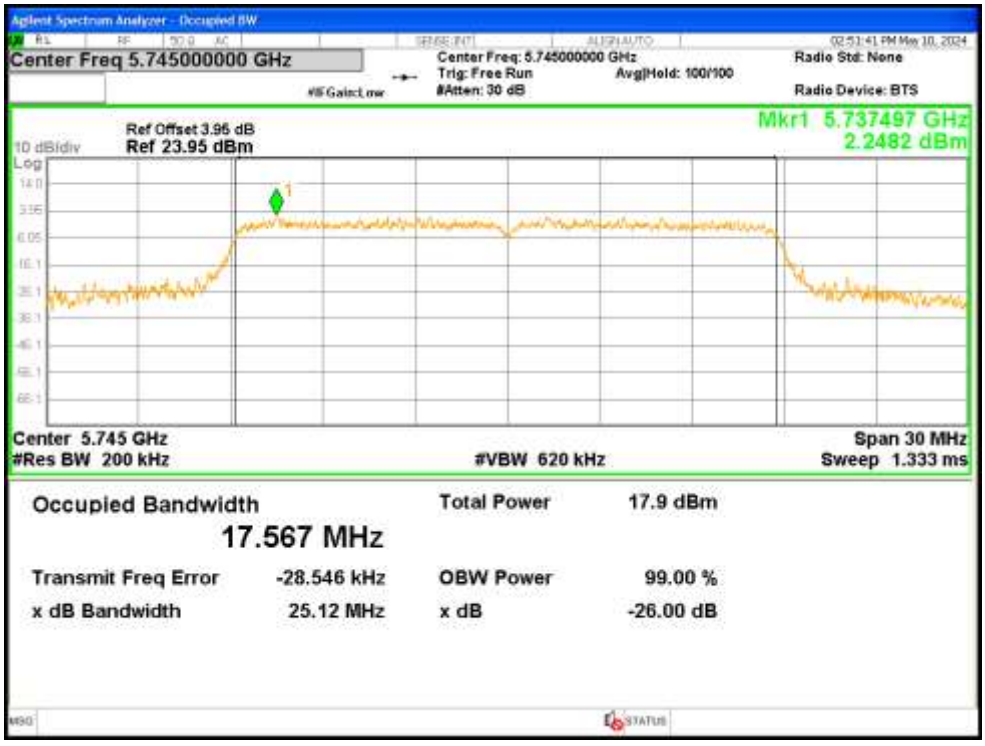
OBW NVNT n20 5785MHz



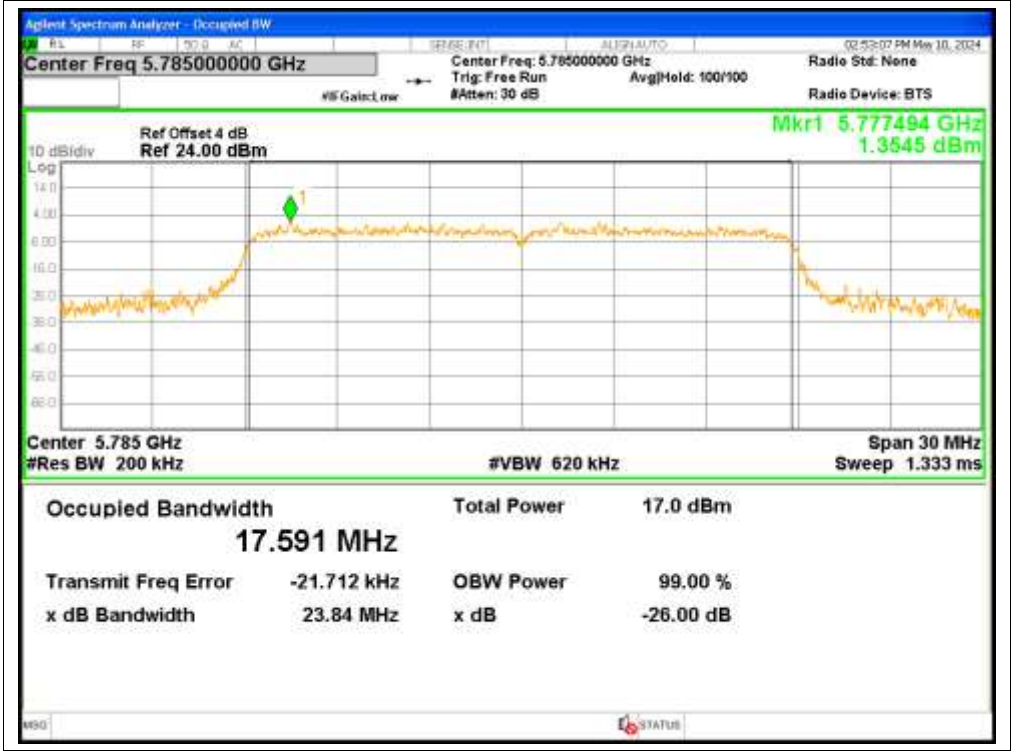
OBW NVNT n20 5825MHz



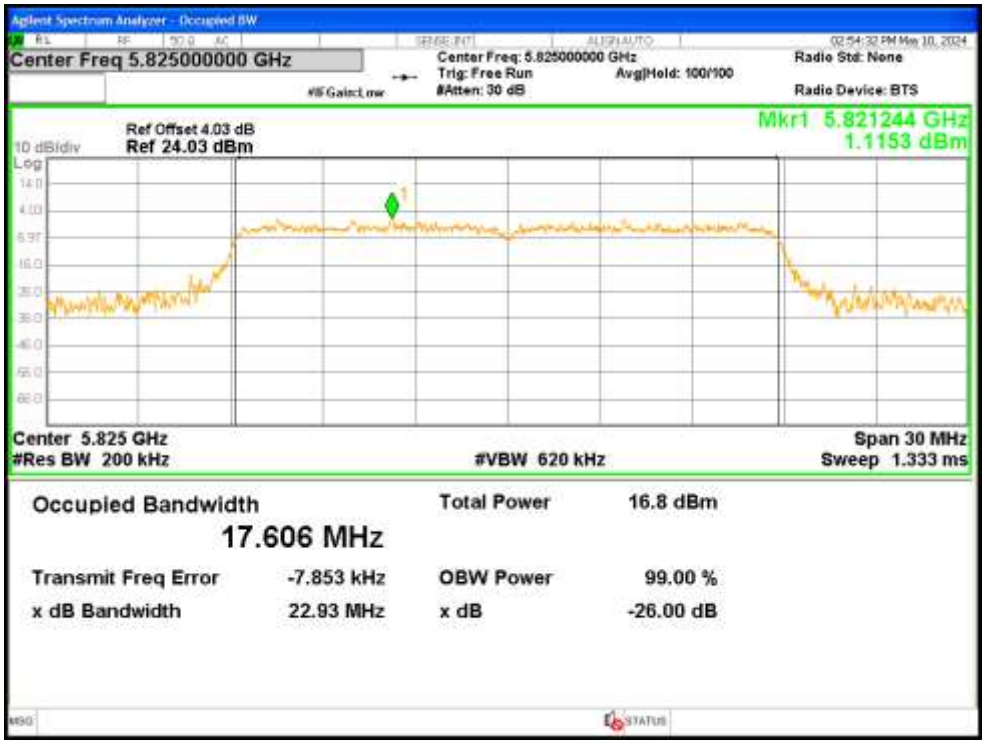
OBW NVNT ac20 5745MHz



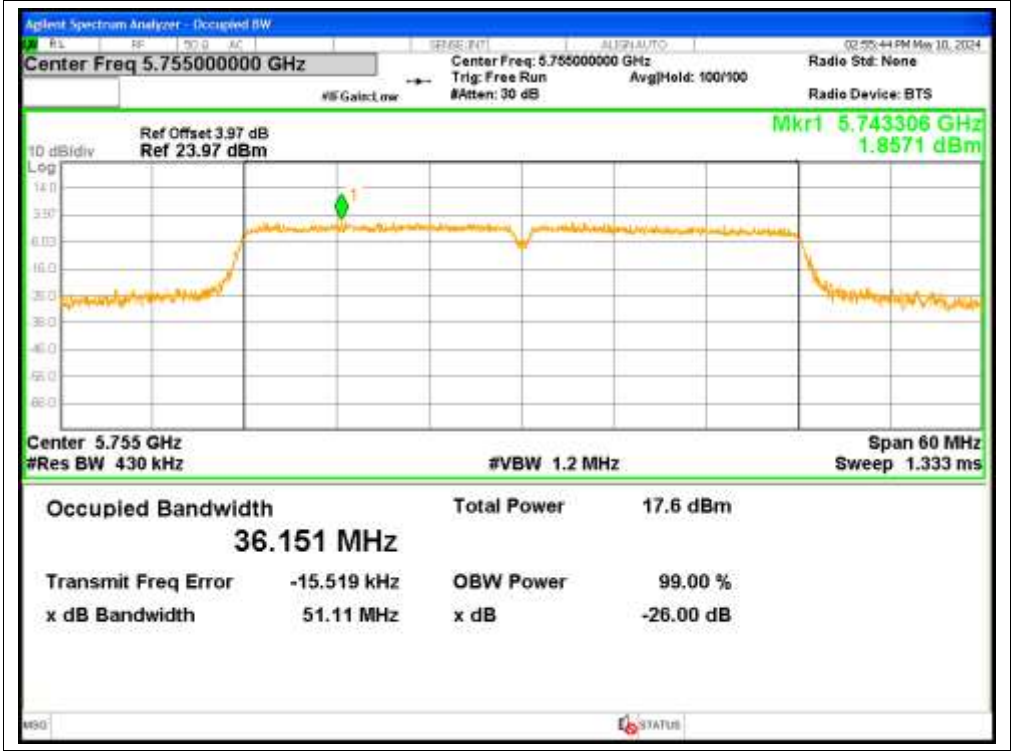
OBW NVNT ac20 5785MHz



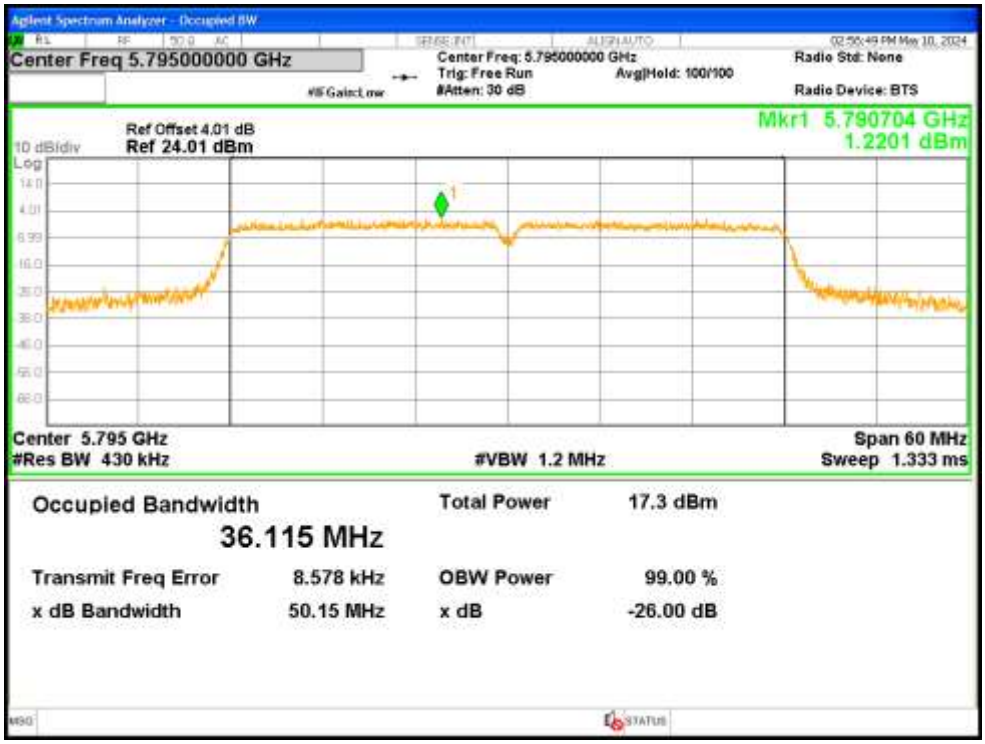
OBW NVNT ac20 5825MHz



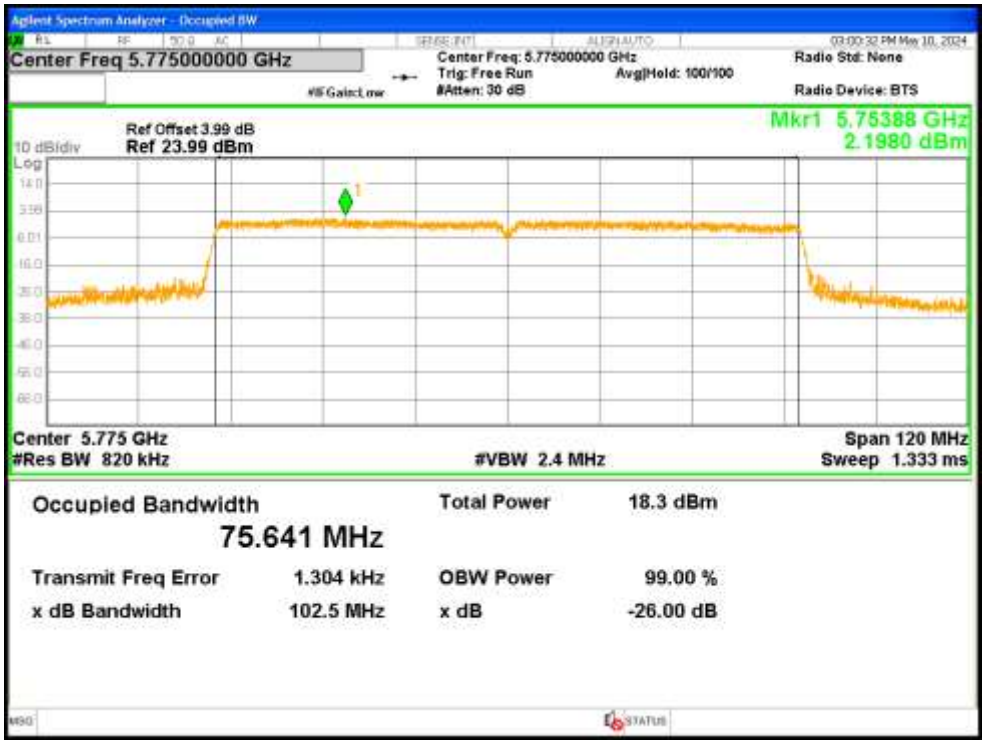
OBW NVNT ac40 5755MHz



OBW NVNT ac40 5795MHz



OBW NVNT ac80 5775MHz



5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	-1.638	0.45	-1.188	<=30	Pass
NVNT	a	5785	-2.129	0.5	-1.629	<=30	Pass
NVNT	a	5825	-2.7	0.45	-2.25	<=30	Pass
NVNT	n20	5745	-1.778	0.45	-1.328	<=30	Pass
NVNT	n20	5785	-2.811	0.45	-2.361	<=30	Pass
NVNT	n20	5825	-3.005	0.45	-2.555	<=30	Pass
NVNT	ac20	5745	-1.829	0.45	-1.379	<=30	Pass
NVNT	ac20	5785	-2.584	0.45	-2.134	<=30	Pass
NVNT	ac20	5825	-2.767	0.47	-2.297	<=30	Pass
NVNT	ac40	5755	-5.128	0.86	-4.268	<=30	Pass
NVNT	ac40	5795	-5.831	0.86	-4.971	<=30	Pass
NVNT	ac80	5775	-8.754	1.57	-7.184	<=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 ac20 5745MHz

PSD NVNT ac20 5785MHz

PSD NVNT ac20 5825MHz

PSD NVNT ac40 5755MHz

PSD NVNT ac40 5795MHz

PSD NVNT ac80 5775MHz