

1. Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	97.25	0.12	0.72
NVNT	a	5785	97.25	0.12	0.72
NVNT	a	5825	97.25	0.12	0.72
NVNT	n20	5745	97.07	0.13	0.76
NVNT	n20	5785	97.07	0.13	0.76
NVNT	n20	5825	97.11	0.13	0.76
NVNT	n40	5755	94.43	0.25	1.54
NVNT	n40	5795	94.43	0.25	1.54
NVNT	ac20	5745	97.05	0.13	0.76
NVNT	ac20	5785	97.09	0.13	0.76
NVNT	ac20	5825	97.09	0.13	0.76
NVNT	ac40	5755	94.45	0.25	1.52
NVNT	ac40	5795	94.62	0.24	1.52
NVNT	ac80	5775	89.71	0.47	3.06

Test Graphs

Duty Cycle NVNT a 5745MHz



Duty Cycle NVNT a 5785MHz



Duty Cycle NVNT a 5825MHz

Duty Cycle NVNT n40 5755MHz

Duty Cycle NVNT ac20 5745MHz

Duty Cycle NVNT ac20 5825MHz

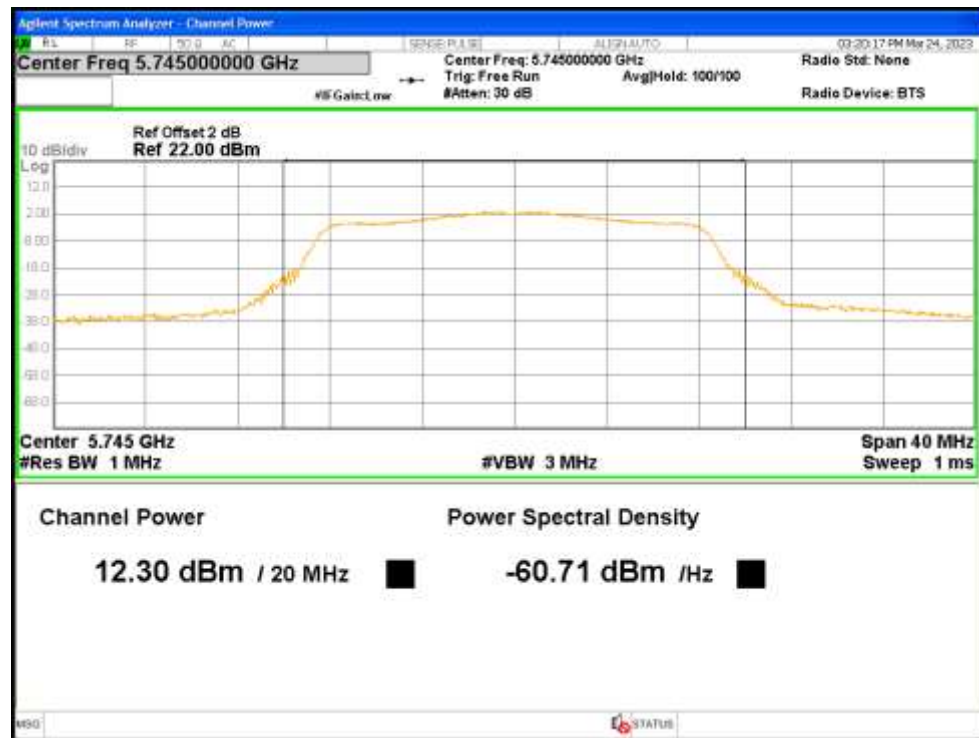
Duty Cycle NVNT ac40 5795MHz

2. Maximum Conducted Output Power

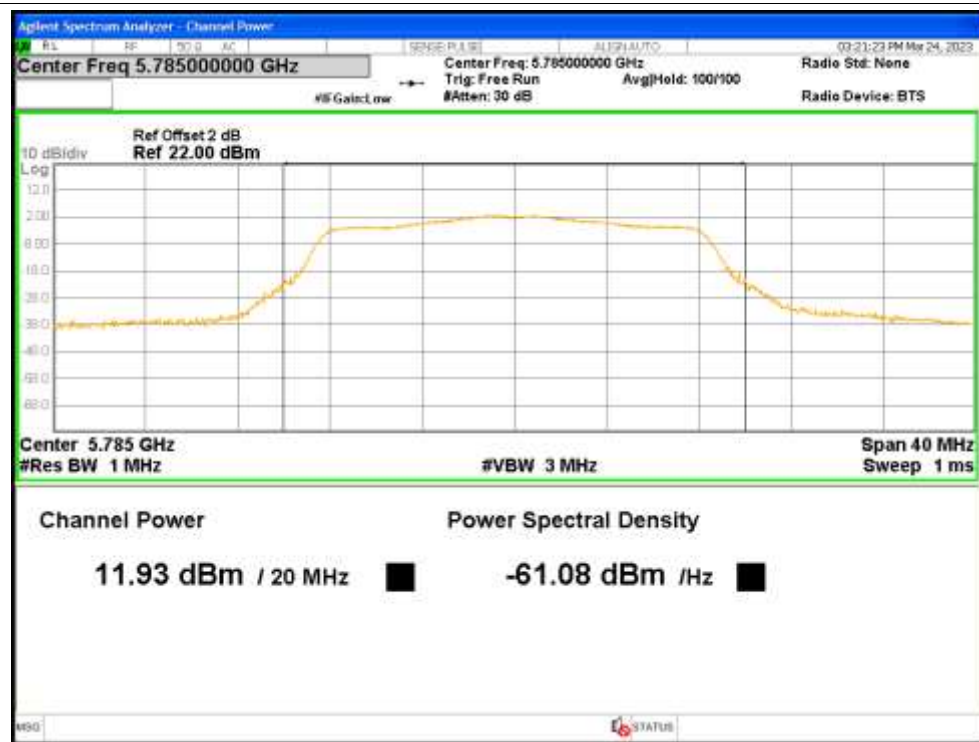
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	12.3	0.12	12.42	<=30	Pass
NVNT	a	5785	11.93	0.12	12.05	<=30	Pass
NVNT	a	5825	11.38	0.12	11.5	<=30	Pass
NVNT	n20	5745	11.85	0.13	11.98	<=30	Pass
NVNT	n20	5785	11.52	0.13	11.65	<=30	Pass
NVNT	n20	5825	10.87	0.13	11	<=30	Pass
NVNT	n40	5755	11.6	0.25	11.85	<=30	Pass
NVNT	n40	5795	11.1	0.25	11.35	<=30	Pass
NVNT	ac20	5745	11.91	0.13	12.04	<=30	Pass
NVNT	ac20	5785	11.64	0.13	11.77	<=30	Pass
NVNT	ac20	5825	10.99	0.13	11.12	<=30	Pass
NVNT	ac40	5755	11.42	0.25	11.67	<=30	Pass
NVNT	ac40	5795	11.21	0.24	11.45	<=30	Pass
NVNT	ac80	5775	10.91	0.47	11.38	<=30	Pass

Test Graphs

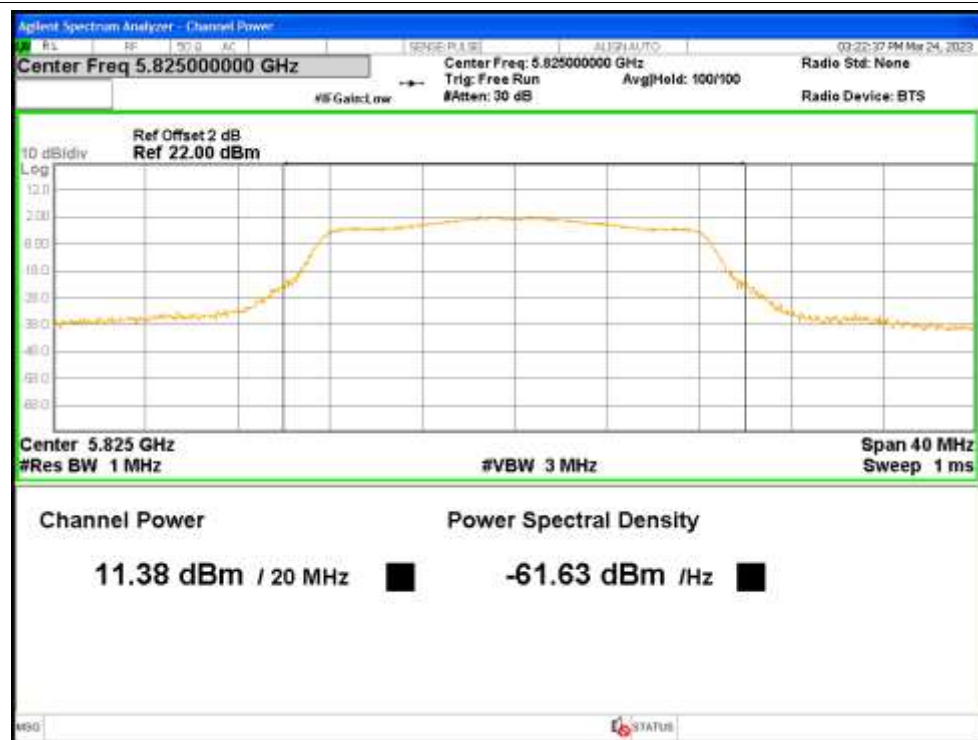
Power NVNT a 5745MHz



Power NVNT a 5785MHz



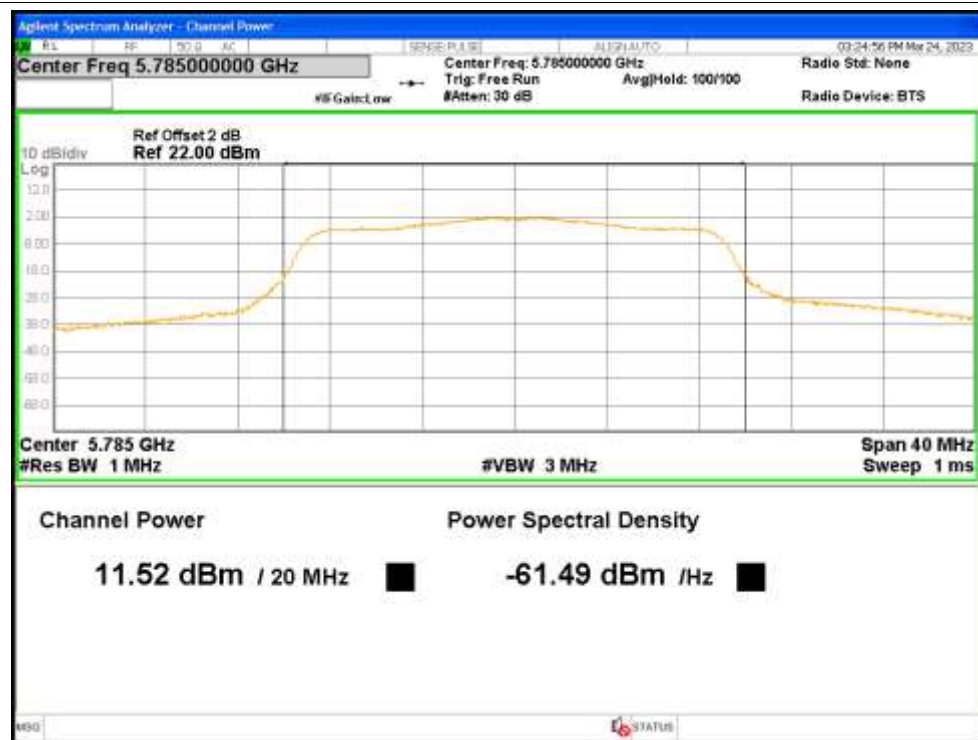
Power NVNT a 5825MHz



Power NVNT n20 5745MHz



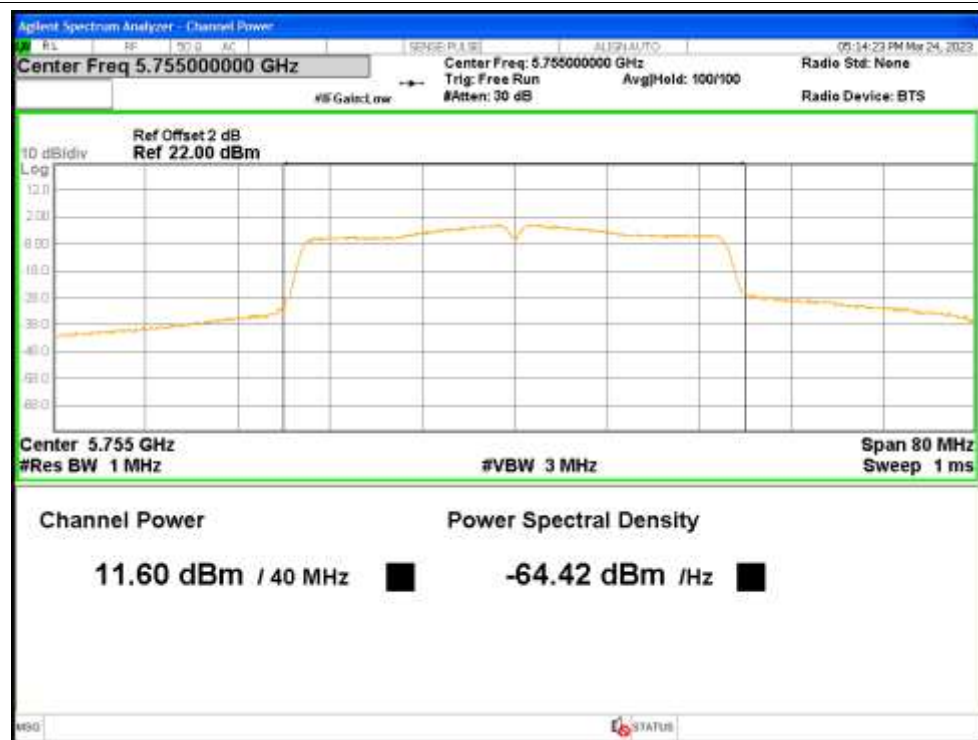
Power NVNT n20 5785MHz



Power NVNT n20 5825MHz



Power NVNT n40 5755MHz



Power NVNT n40 5795MHz



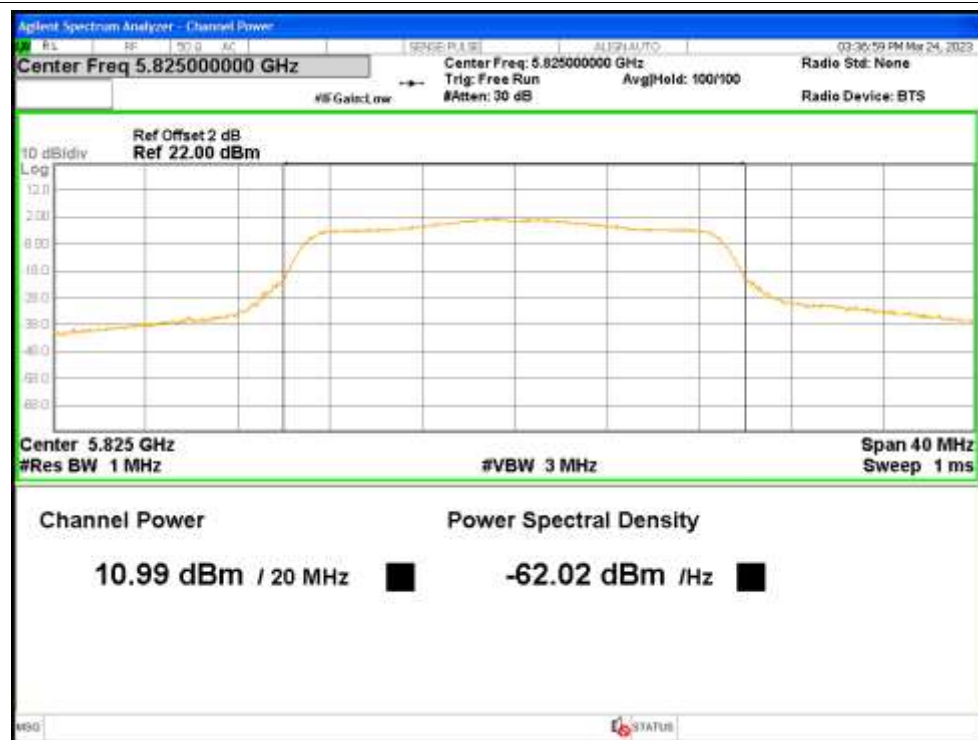
Power NVNT ac20 5745MHz



Power NVNT ac20 5785MHz



Power NVNT ac20 5825MHz



Power NVNT ac40 5755MHz



Power NVNT ac40 5795MHz



Power NVNT ac80 5775MHz



3. -6dB Bandwidth

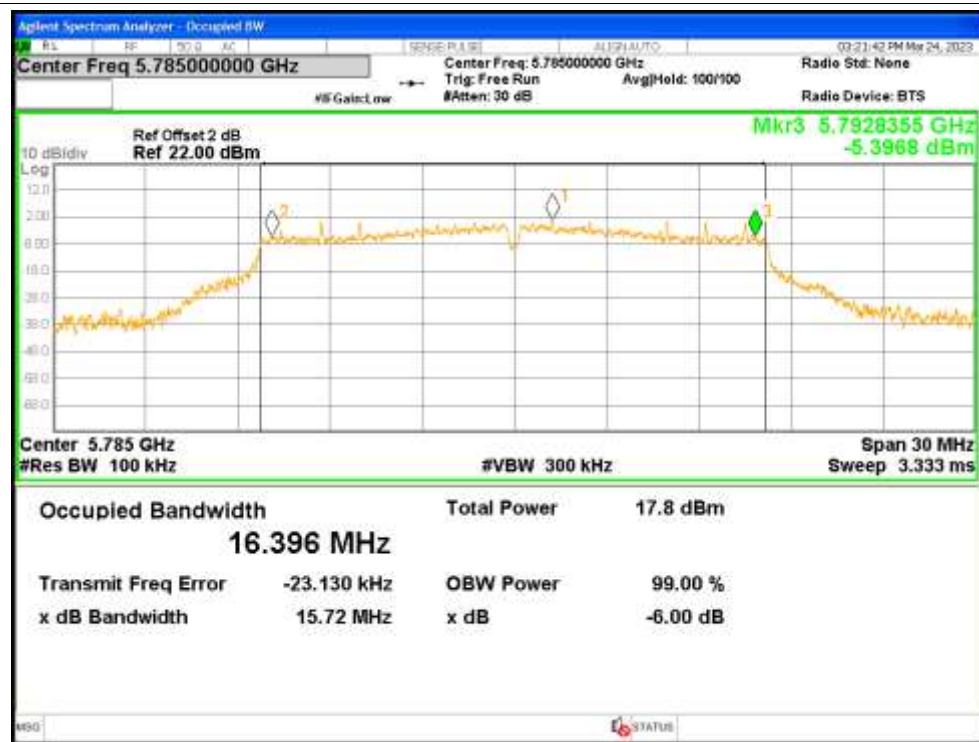
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	15.9958	>=0.5	Pass
NVNT	a	5785	15.7173	>=0.5	Pass
NVNT	a	5825	16.0263	>=0.5	Pass
NVNT	n20	5745	16.1146	>=0.5	Pass
NVNT	n20	5785	15.1445	>=0.5	Pass
NVNT	n20	5825	16.0409	>=0.5	Pass
NVNT	n40	5755	35.4131	>=0.5	Pass
NVNT	n40	5795	35.1782	>=0.5	Pass
NVNT	ac20	5745	16.2754	>=0.5	Pass
NVNT	ac20	5785	15.0729	>=0.5	Pass
NVNT	ac20	5825	15.916	>=0.5	Pass
NVNT	ac40	5755	35.1361	>=0.5	Pass
NVNT	ac40	5795	35.1146	>=0.5	Pass
NVNT	ac80	5775	75.1633	>=0.5	Pass

Test Graphs

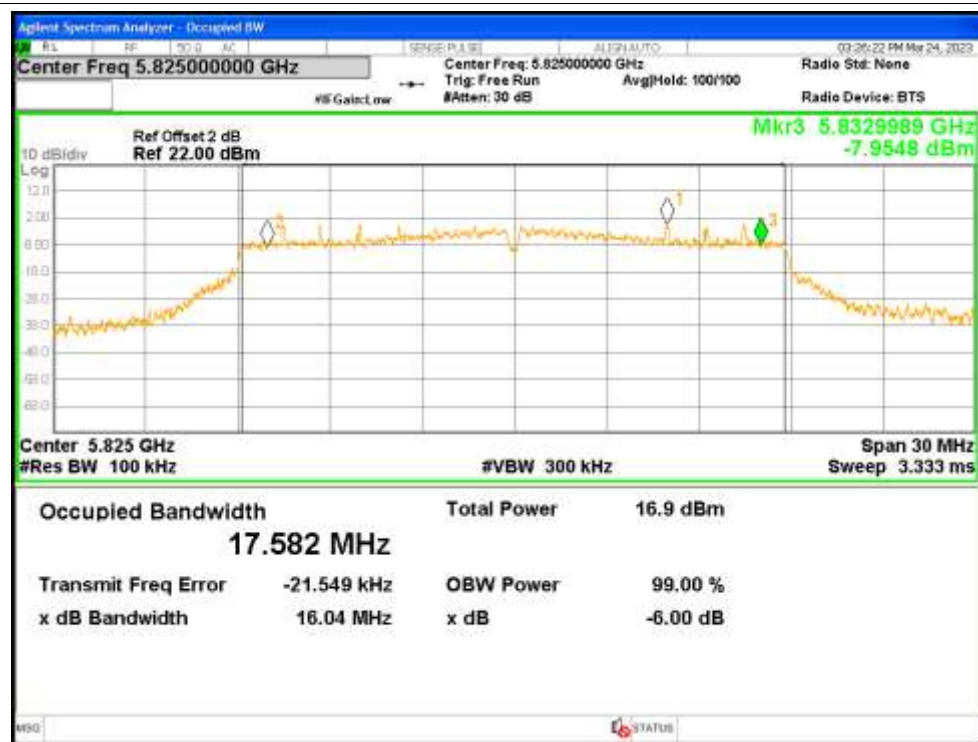
-6dB Bandwidth NVNT a 5745MHz



-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**

-6dB Bandwidth NVNT ac20 5745MHz



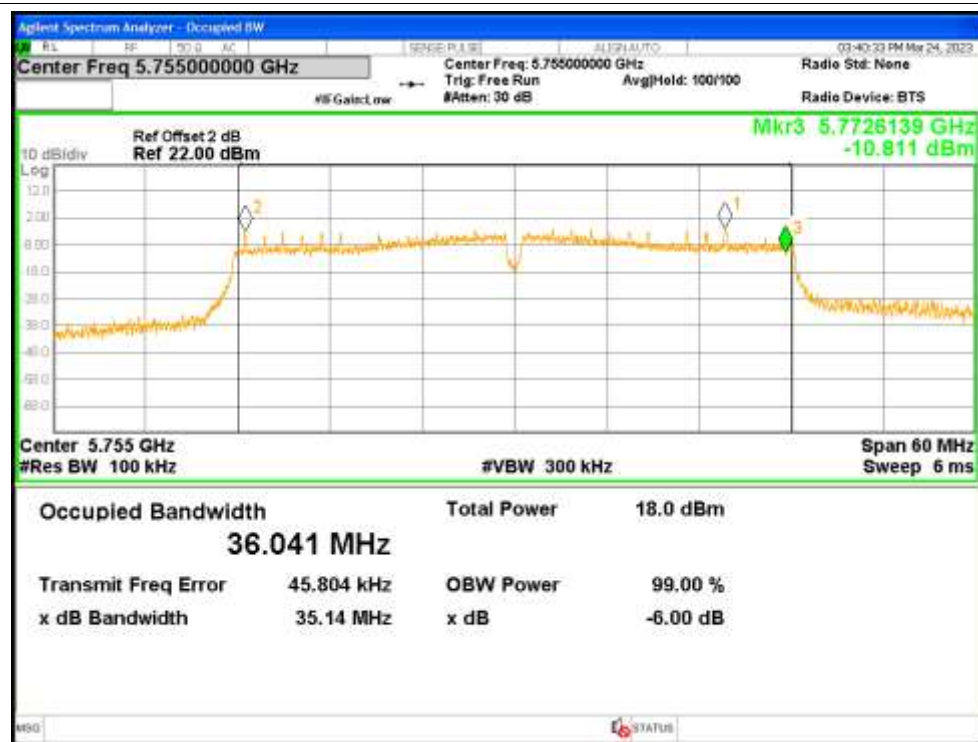
-6dB Bandwidth NVNT ac20 5785MHz

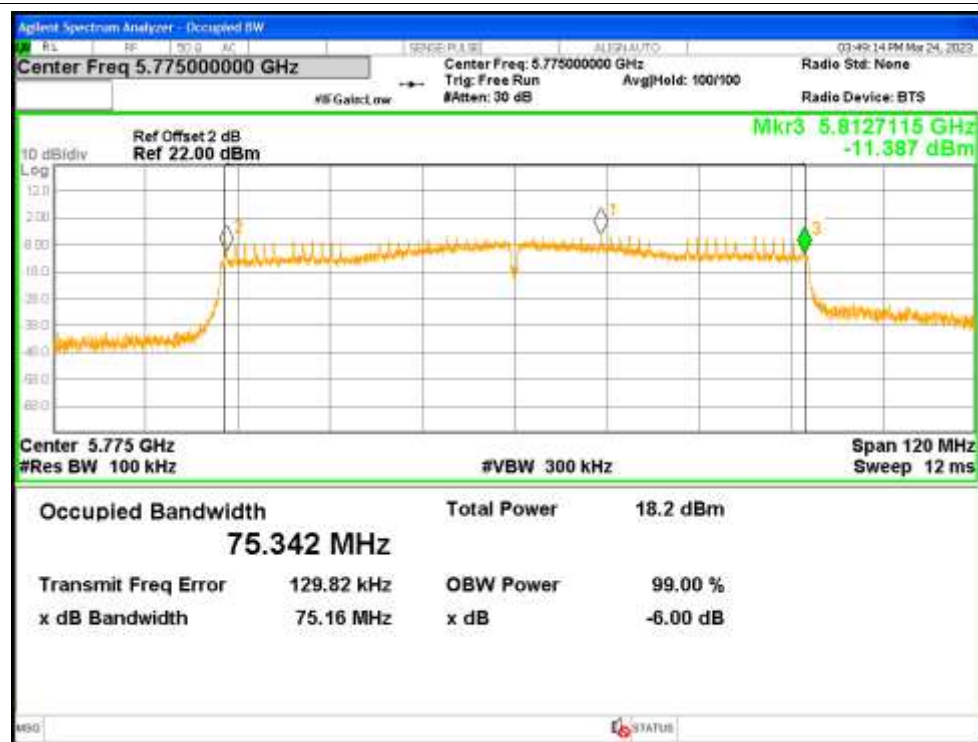


-6dB Bandwidth NVNT ac20 5825MHz



-6dB Bandwidth NVNT ac40 5755MHz



-6dB Bandwidth NVNT ac40 5795MHz**-6dB Bandwidth NVNT ac80 5775MHz**

4. Occupied Channel Bandwidth

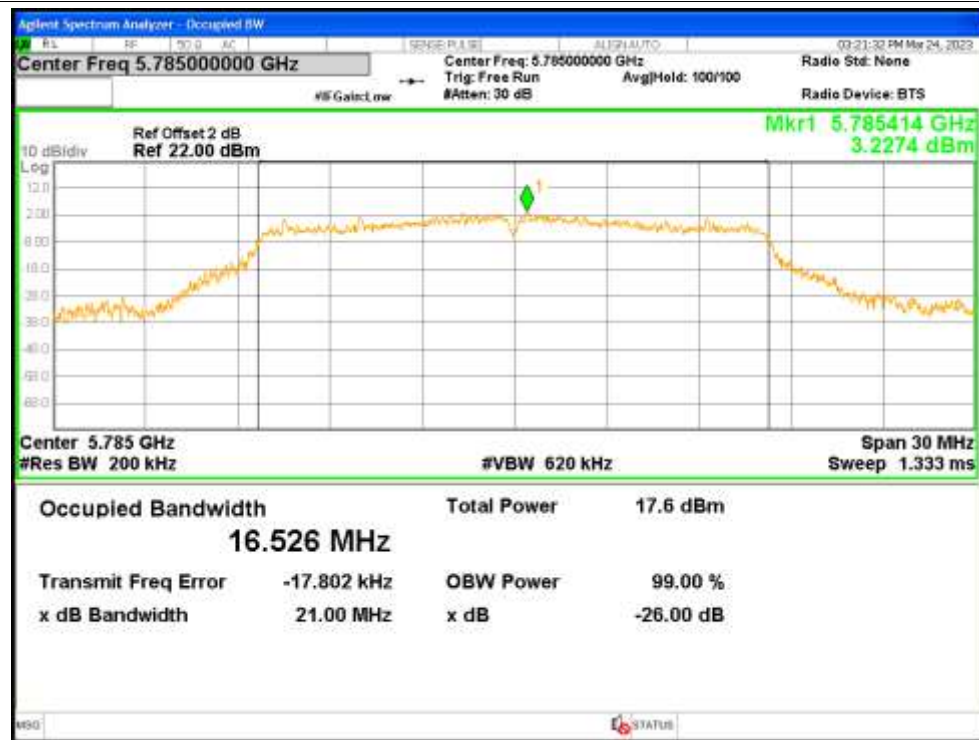
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.5166
NVNT	a	5785	16.5263
NVNT	a	5825	16.5165
NVNT	n20	5745	17.7433
NVNT	n20	5785	17.6892
NVNT	n20	5825	17.6695
NVNT	n40	5755	36.0976
NVNT	n40	5795	36.1174
NVNT	ac20	5745	17.7042
NVNT	ac20	5785	17.7027
NVNT	ac20	5825	17.6686
NVNT	ac40	5755	36.1629
NVNT	ac40	5795	36.0659
NVNT	ac80	5775	75.364

Test Graphs

OBW NVNT a 5745MHz



OBW NVNT a 5785MHz



OBW NVNT a 5825MHz



OBW NVNT n20 5745MHz



OBW NVNT n20 5785MHz



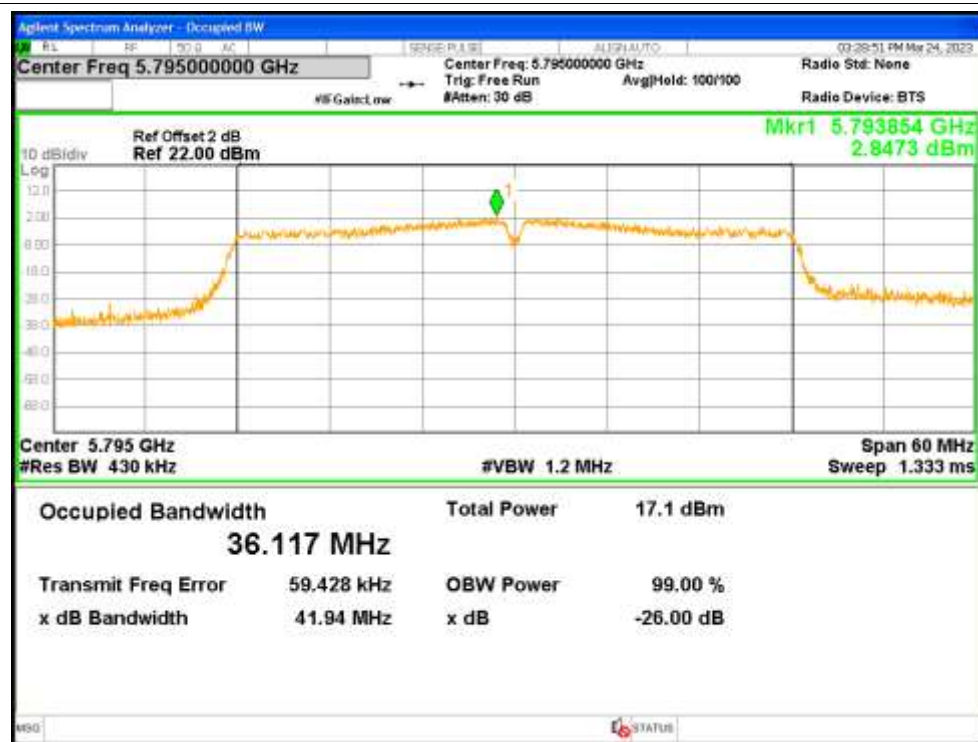
OBW NVNT n20 5825MHz



OBW NVNT n40 5755MHz



OBW NVNT n40 5795MHz



OBW NVNT ac20 5745MHz



OBW NVNT ac20 5785MHz



OBW NVNT ac20 5825MHz



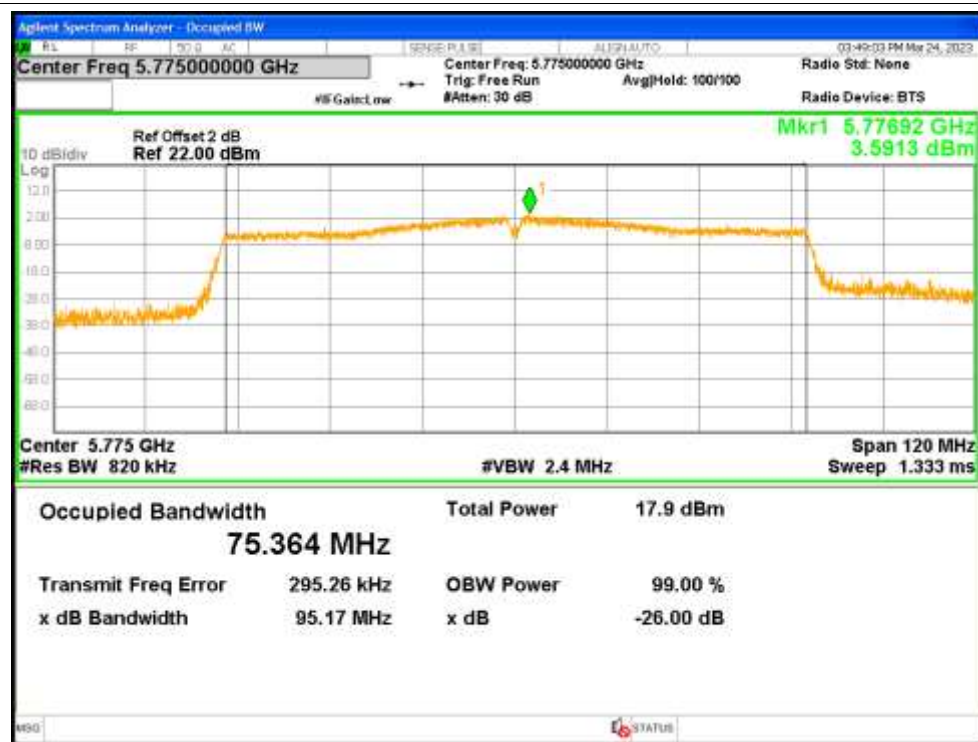
OBW NVNT ac40 5755MHz



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	0.589	0.12	0.709	<=30	Pass
NVNT	a	5785	0.172	0.12	0.292	<=30	Pass
NVNT	a	5825	-0.254	0.12	-0.134	<=30	Pass
NVNT	n20	5745	0.031	0.13	0.161	<=30	Pass
NVNT	n20	5785	-0.385	0.13	-0.255	<=30	Pass
NVNT	n20	5825	-0.942	0.13	-0.812	<=30	Pass
NVNT	n40	5755	-3.15	0.25	-2.9	<=30	Pass
NVNT	n40	5795	-3.621	0.25	-3.371	<=30	Pass
NVNT	ac20	5745	-0.012	0.13	0.118	<=30	Pass
NVNT	ac20	5785	-0.226	0.13	-0.096	<=30	Pass
NVNT	ac20	5825	-0.818	0.13	-0.688	<=30	Pass
NVNT	ac40	5755	-2.964	0.25	-2.714	<=30	Pass
NVNT	ac40	5795	-3.42	0.24	-3.18	<=30	Pass
NVNT	ac80	5775	-6.928	0.47	-6.458	<=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



PSD NVNT ac20 5745MHz



PSD NVNT ac20 5785MHz



PSD NVNT ac20 5825MHz



PSD NVNT ac40 5755MHz



PSD NVNT ac40 5795MHz



PSD NVNT ac80 5775MHz

