1. Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	97.11	0.13	0.72
NVNT	a	5785	97.08	0.13	0.72
NVNT	a	5825	97.08	0.13	0.72
NVNT	n20	5745	96.85	0.14	0.77
NVNT	n20	5785	96.85	0.14	0.77
NVNT	n20	5825	96.85	0.14	0.77
NVNT	n40	5755	93.83	0.28	1.57
NVNT	n40	5795	93.87	0.27	1.57
NVNT	ac20	5745	96.9	0.14	0.76
NVNT	ac20	5785	96.9	0.14	0.76
NVNT	ac20	5825	96.9	0.14	0.76
NVNT	ac40	5755	94.01	0.27	1.53
NVNT	ac40	5795	93.97	0.27	1.53

Test Graphs
Duty Cycle NVNT a 5745MHz

Duty Cycle NVNT a 5785MHz

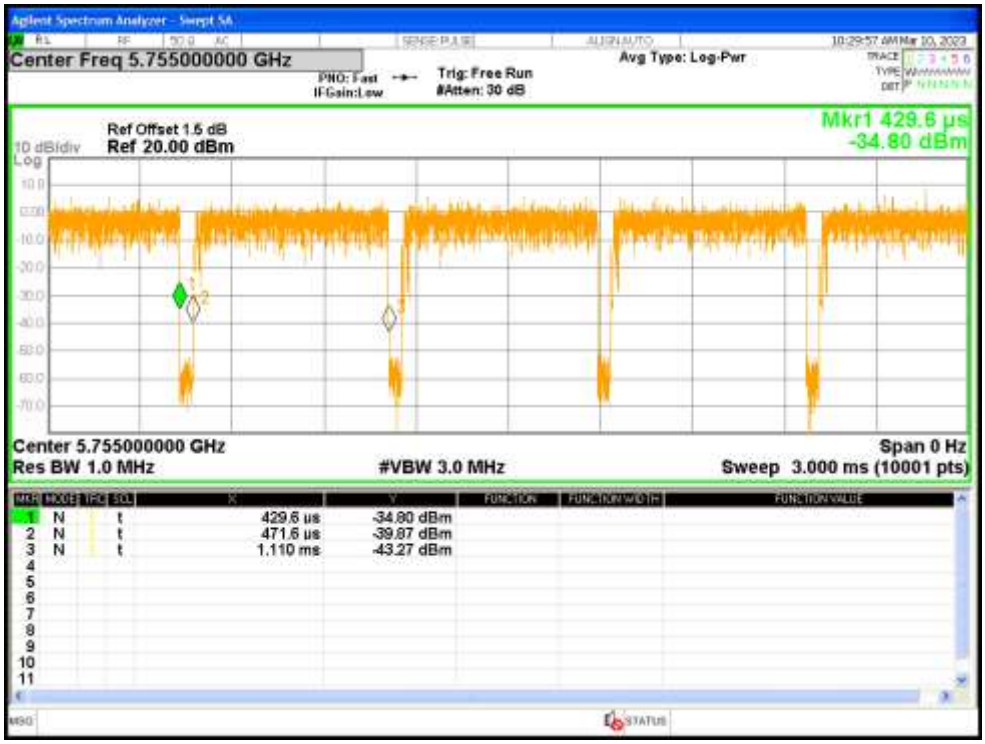
Duty Cycle NVNT a 5825MHz

Duty Cycle NVNT n20 5745MHz

Duty Cycle NVNT n20 5785MHz

Duty Cycle NVNT n20 5825MHz

Duty Cycle NVNT n40 5755MHz



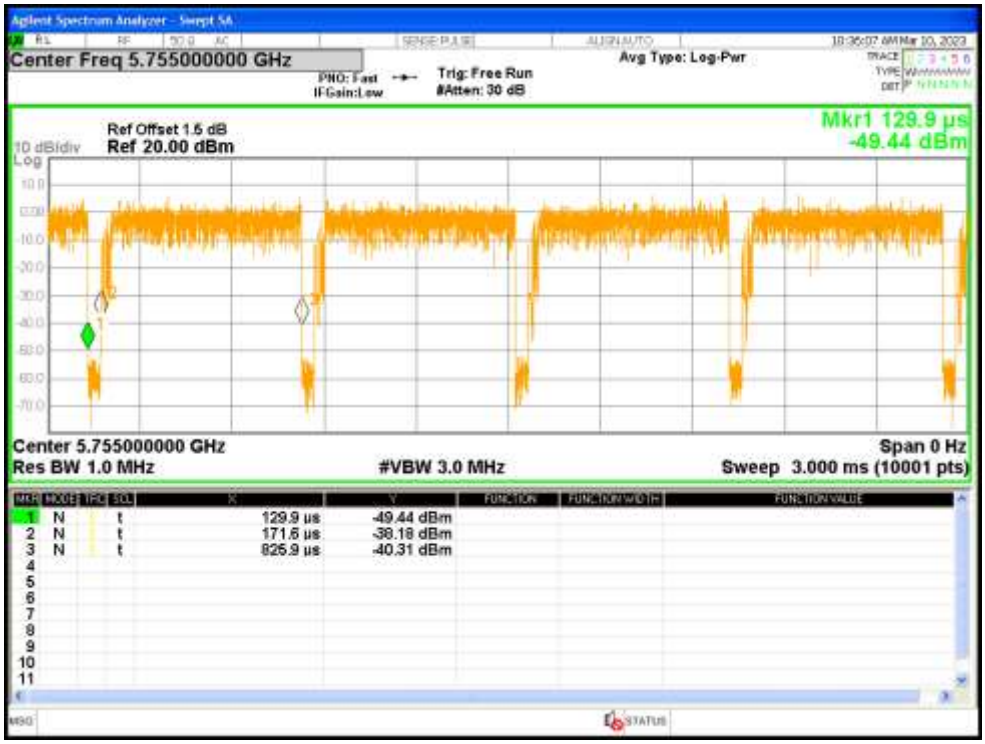
Duty Cycle NVNT n40 5795MHz

Duty Cycle NVNT ac20 5745MHz

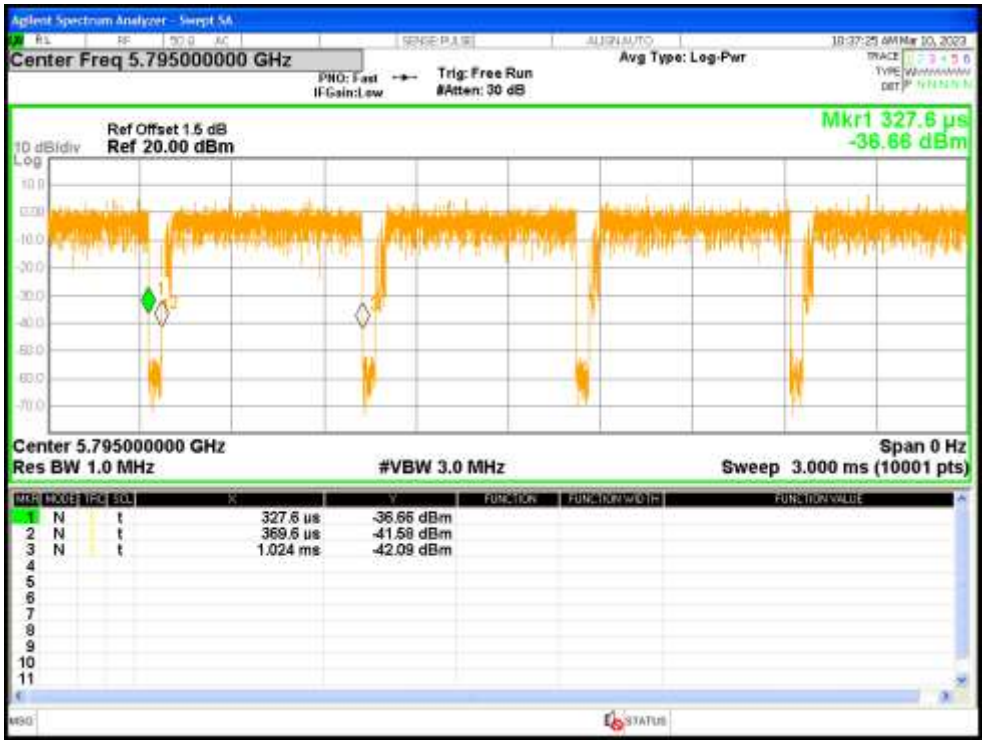
Duty Cycle NVNT ac20 5785MHz

Duty Cycle NVNT ac20 5825MHz

Duty Cycle NVNT ac40 5755MHz

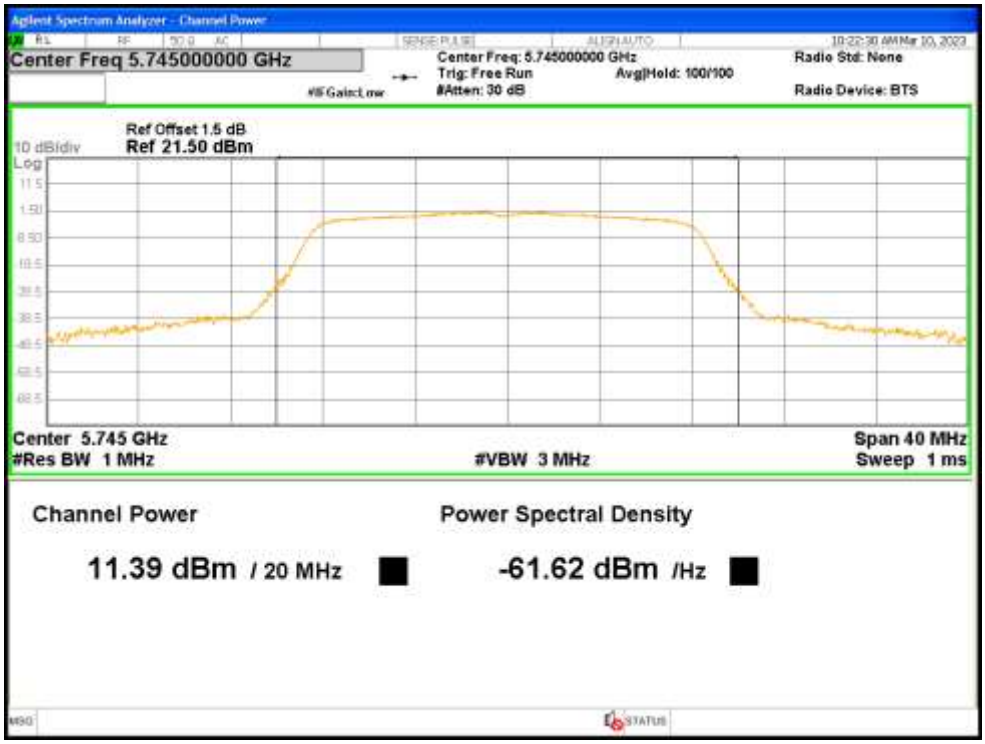
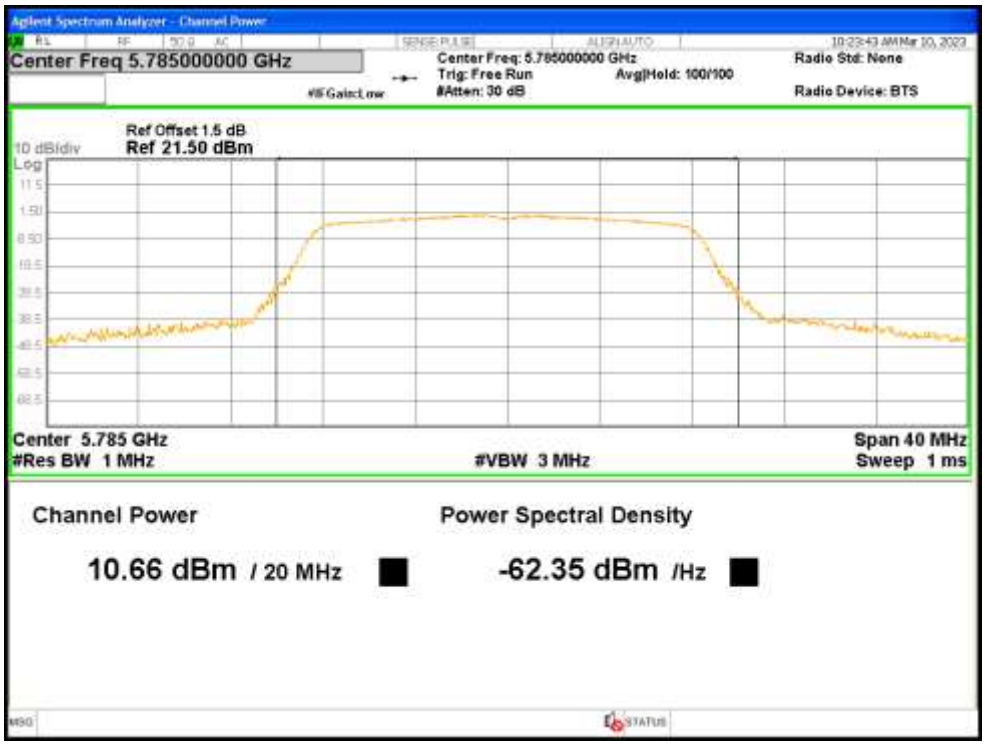


Duty Cycle NVNT ac40 5795MHz

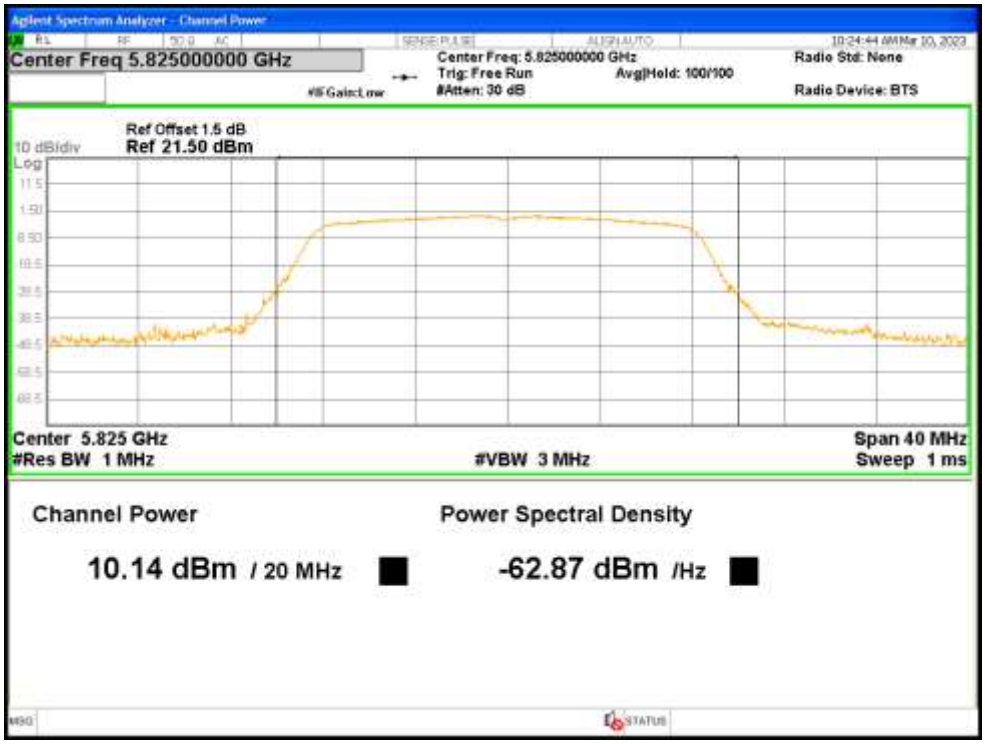


2. Maximum Conducted Output Power

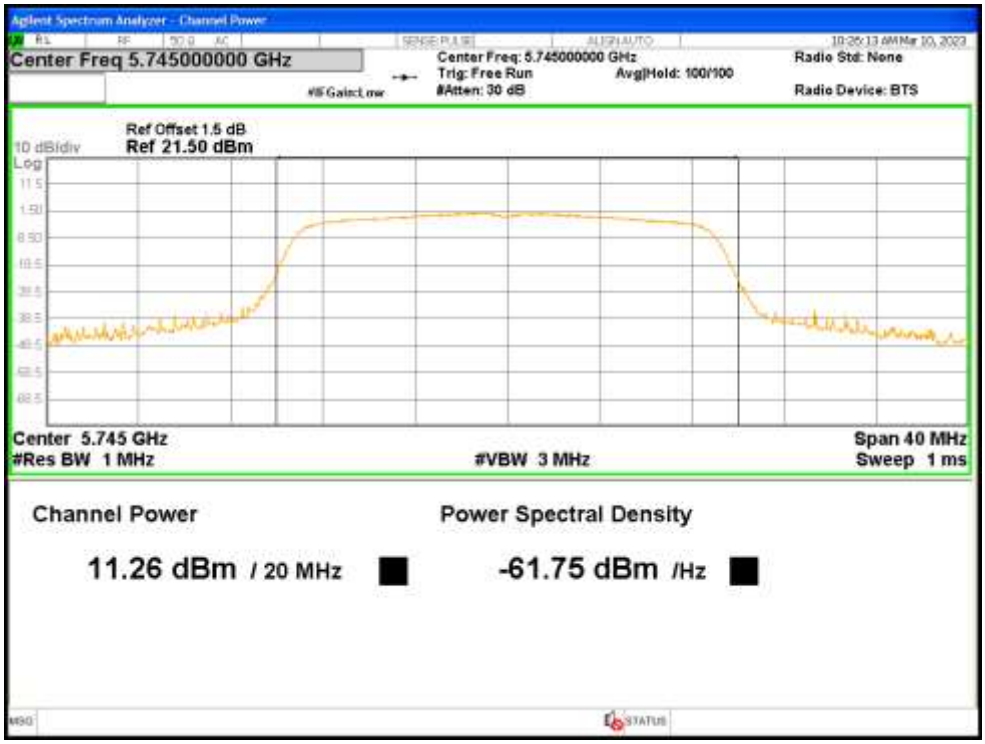
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	11.39	0.13	11.52	<=30	Pass
NVNT	a	5785	10.66	0.13	10.79	<=30	Pass
NVNT	a	5825	10.14	0.13	10.27	<=30	Pass
NVNT	n20	5745	11.26	0.14	11.4	<=30	Pass
NVNT	n20	5785	10.56	0.14	10.7	<=30	Pass
NVNT	n20	5825	10.09	0.14	10.23	<=30	Pass
NVNT	n40	5755	10.97	0.28	11.25	<=30	Pass
NVNT	n40	5795	10.3	0.27	10.57	<=30	Pass
NVNT	ac20	5745	11.29	0.14	11.43	<=30	Pass
NVNT	ac20	5785	10.54	0.14	10.68	<=30	Pass
NVNT	ac20	5825	10.13	0.14	10.27	<=30	Pass
NVNT	ac40	5755	10.93	0.27	11.2	<=30	Pass
NVNT	ac40	5795	10.24	0.27	10.51	<=30	Pass

Test Graphs
Power NVNT a 5745MHz

Power NVNT a 5785MHz


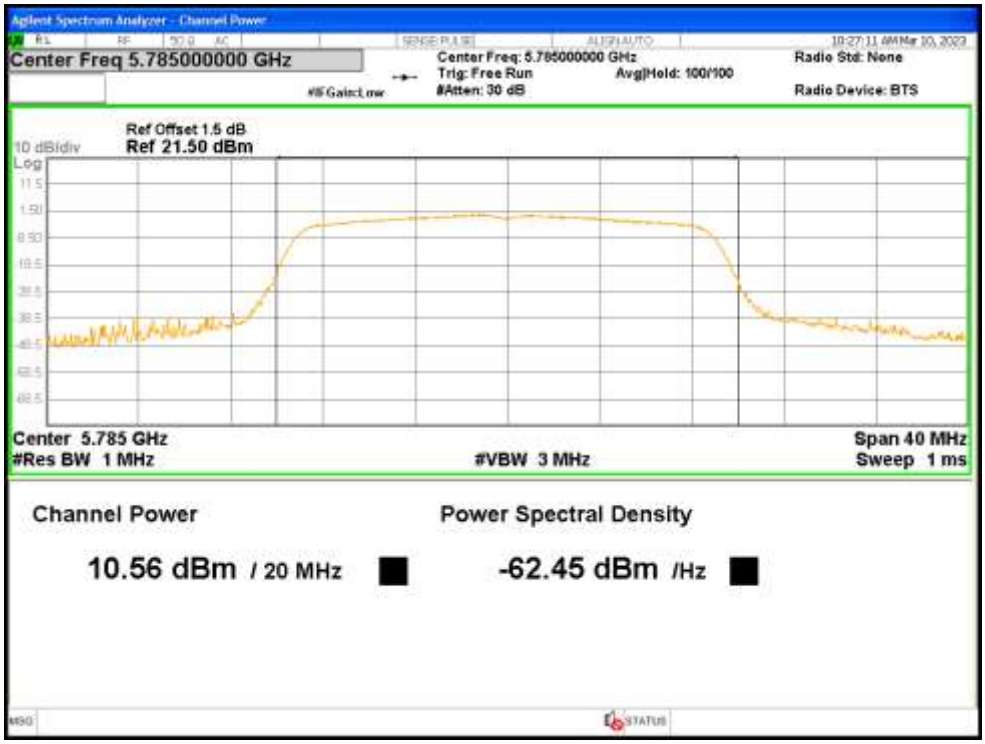
Power NVNT a 5825MHz



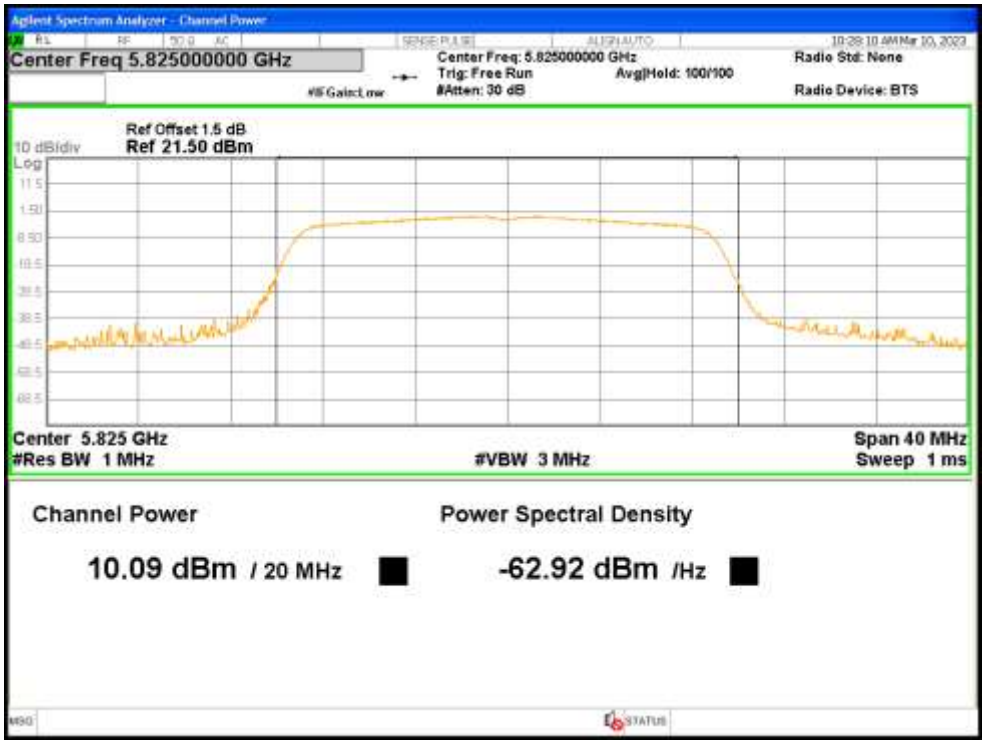
Power NVNT n20 5745MHz



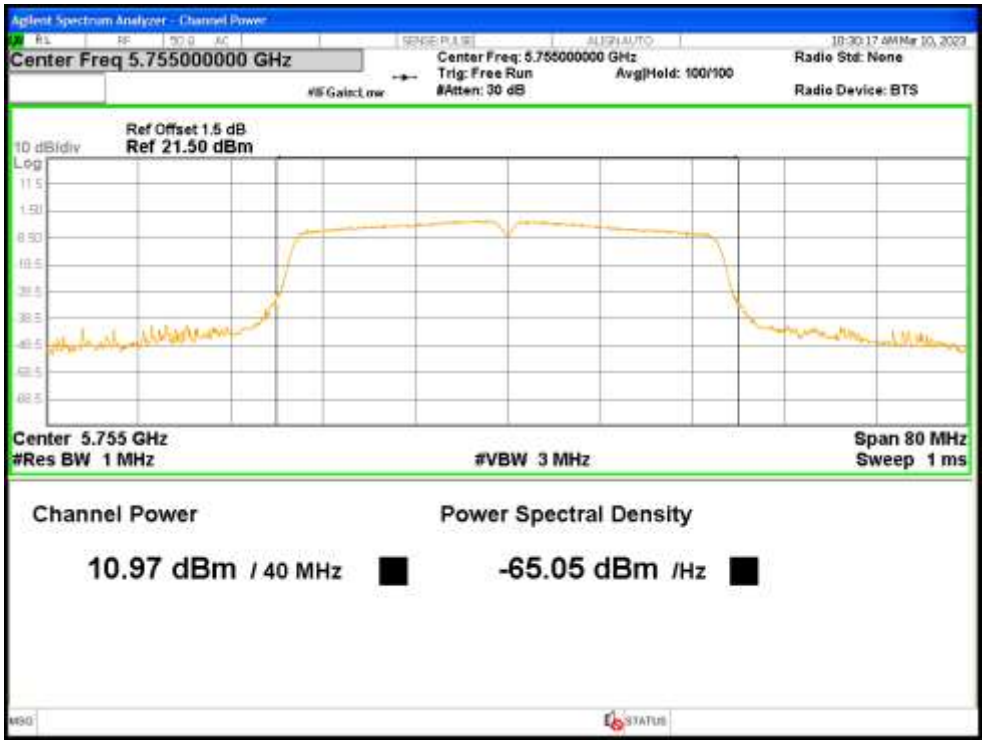
Power NVNT n20 5785MHz



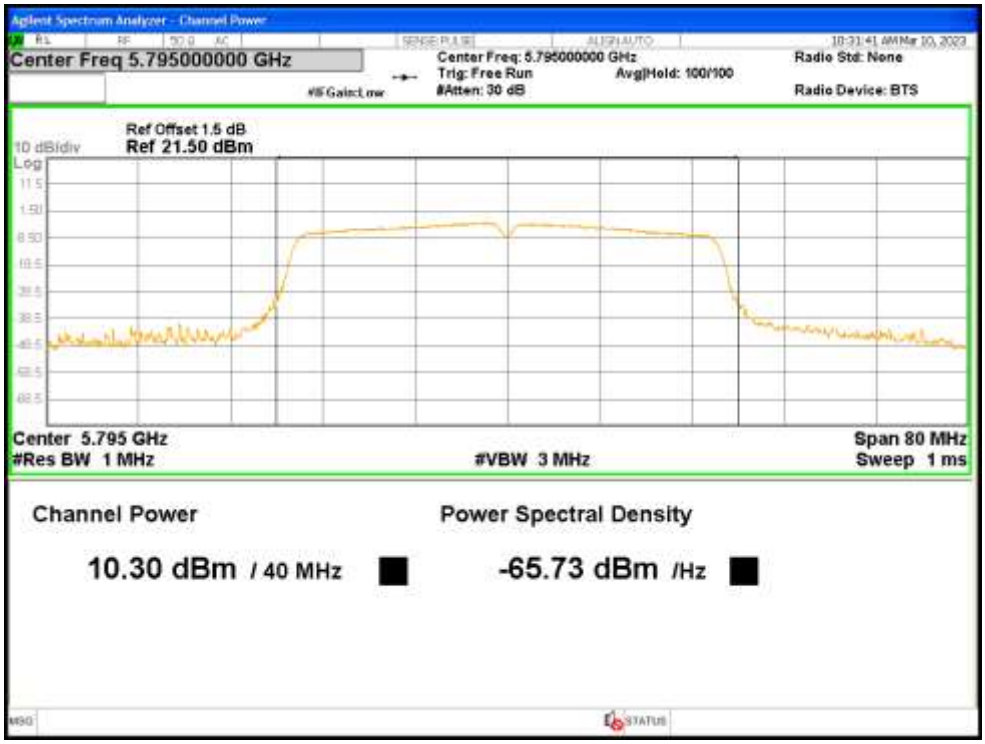
Power NVNT n20 5825MHz



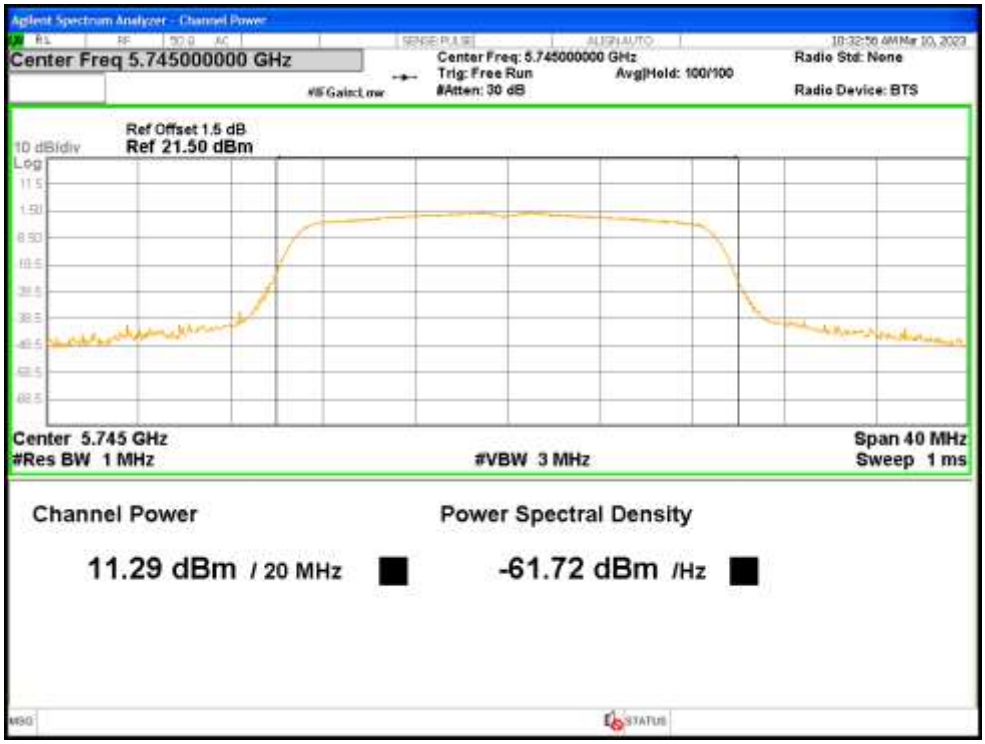
Power NVNT n40 5755MHz



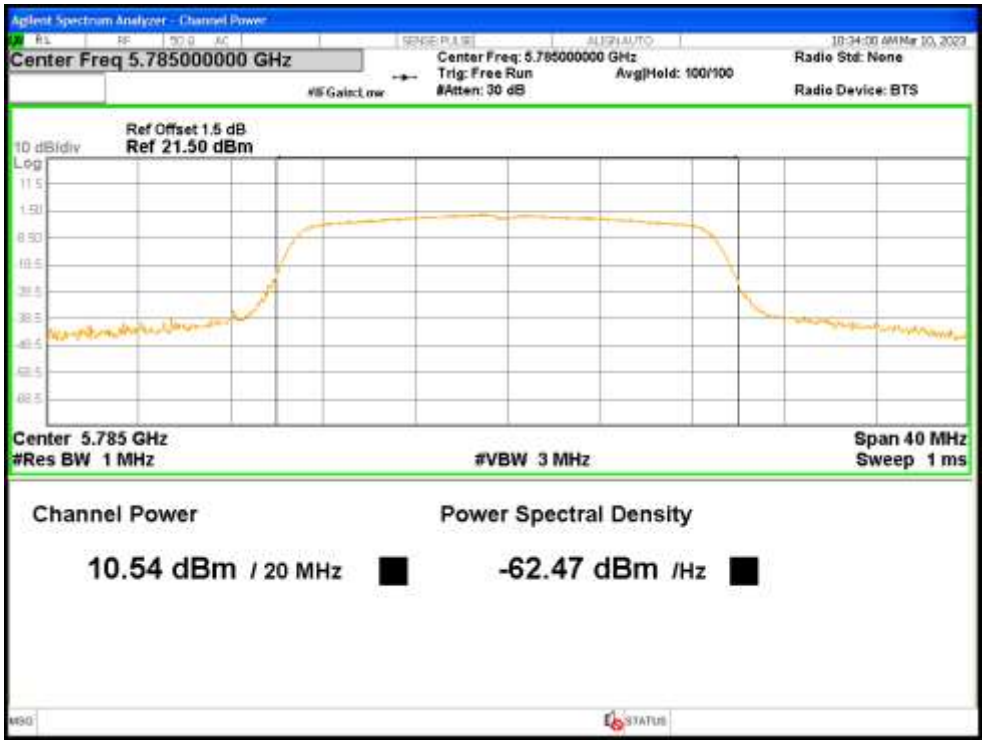
Power NVNT n40 5795MHz



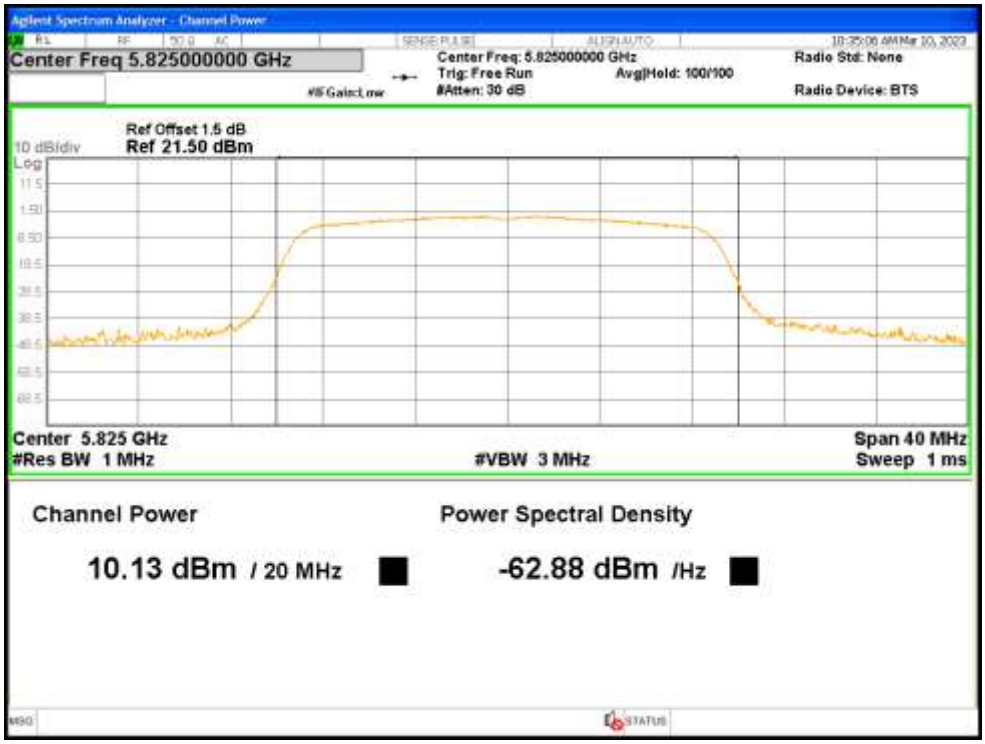
Power NVNT ac20 5745MHz



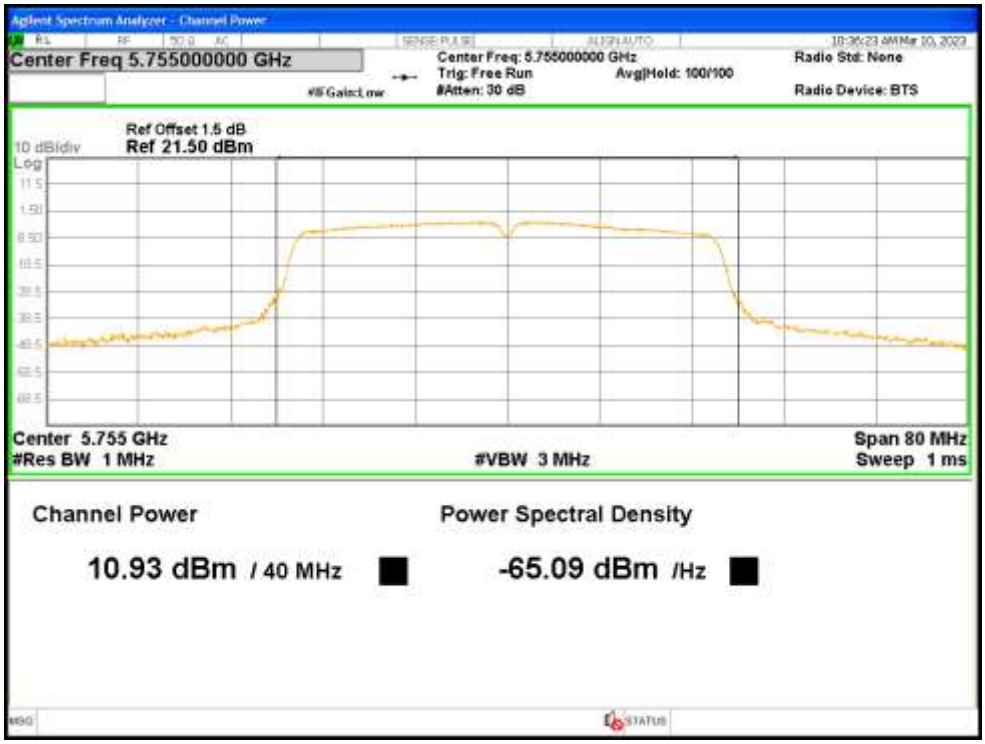
Power NVNT ac20 5785MHz



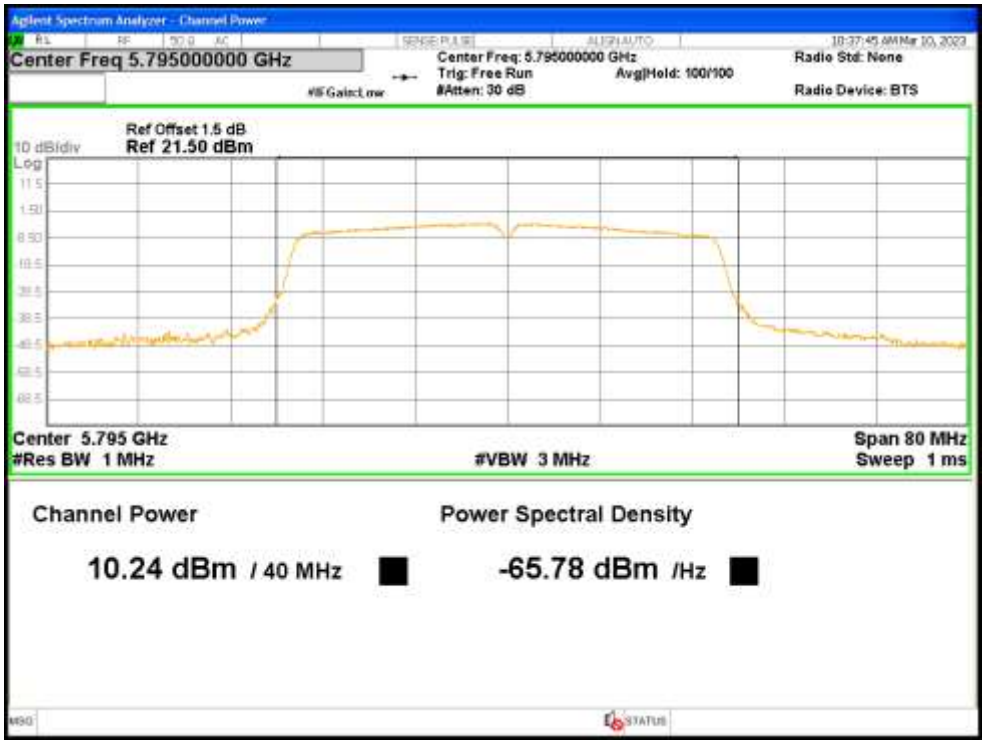
Power NVNT ac20 5825MHz



Power NVNT ac40 5755MHz

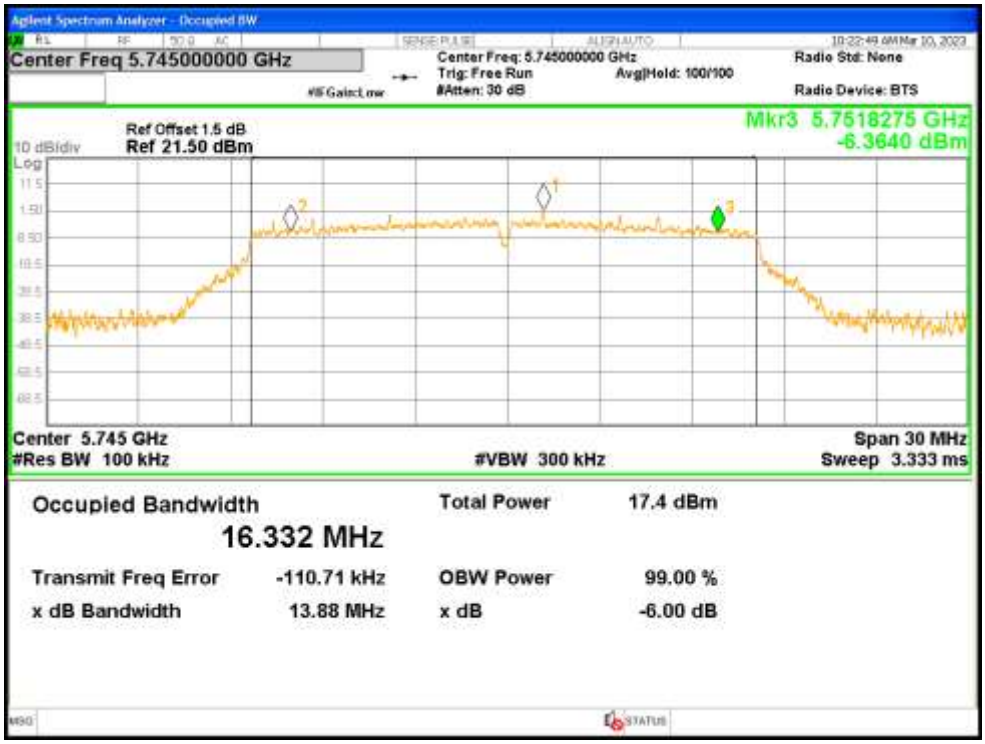
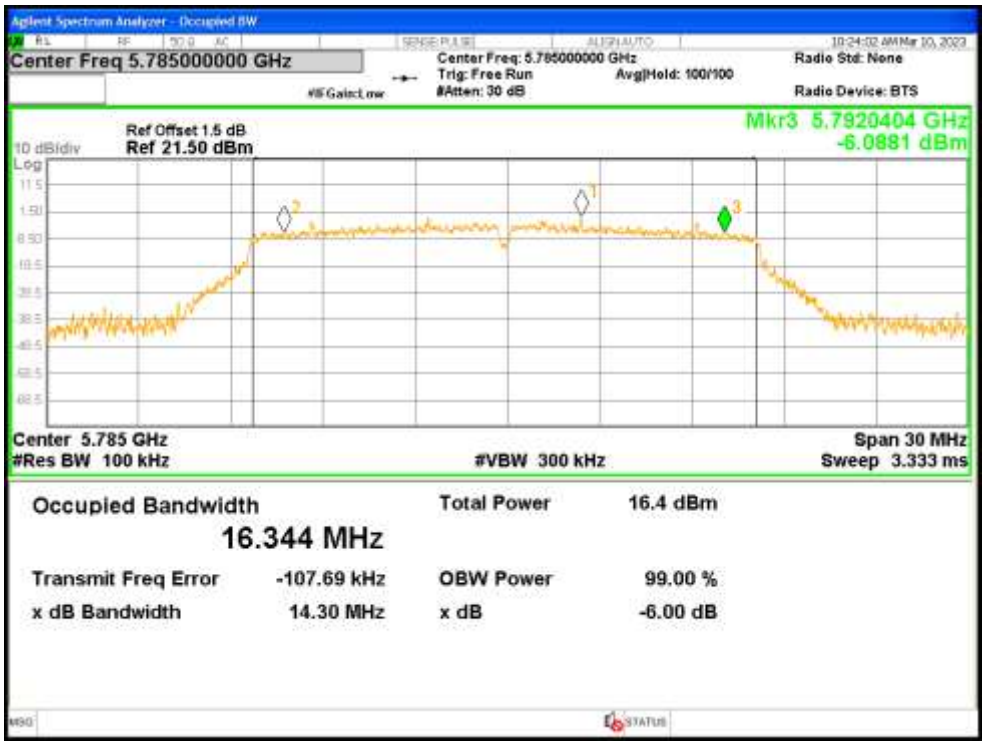


Power NVNT ac40 5795MHz

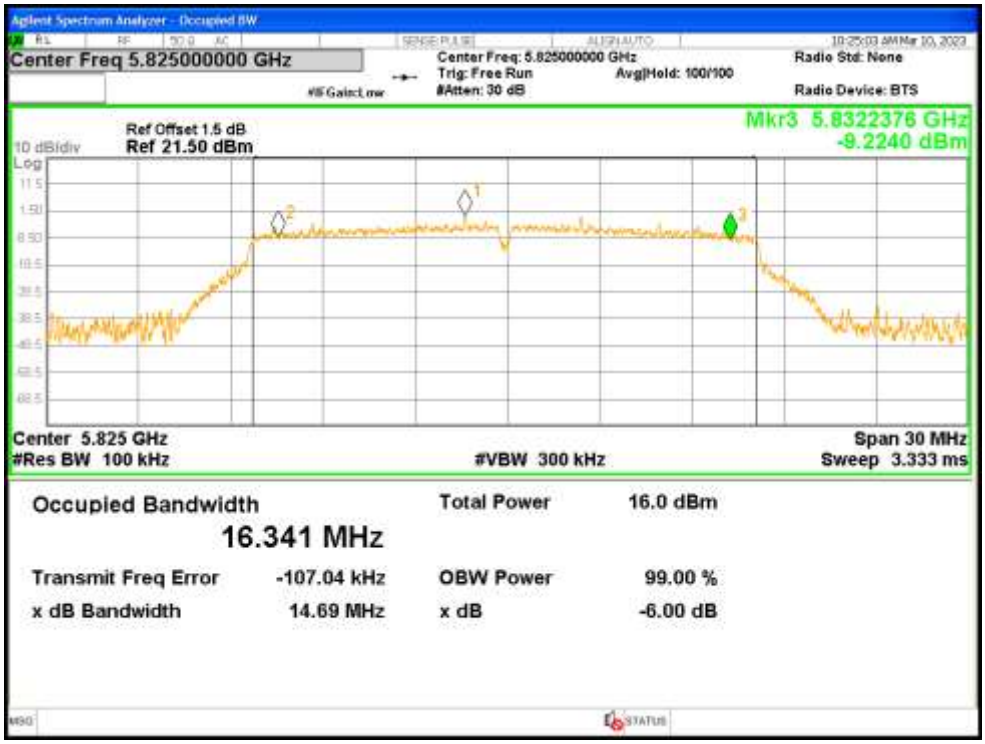


3. -6dB Bandwidth

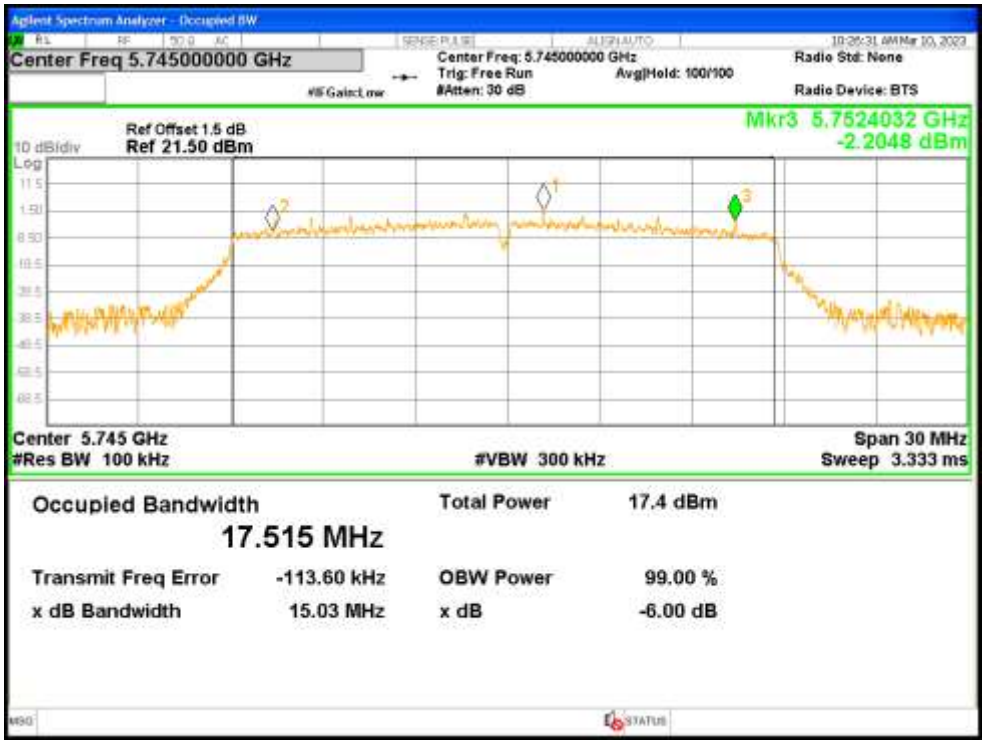
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	13.8765	>=0.5	Pass
NVNT	a	5785	14.2962	>=0.5	Pass
NVNT	a	5825	14.6893	>=0.5	Pass
NVNT	n20	5745	15.0336	>=0.5	Pass
NVNT	n20	5785	15.0553	>=0.5	Pass
NVNT	n20	5825	13.8045	>=0.5	Pass
NVNT	n40	5755	33.8332	>=0.5	Pass
NVNT	n40	5795	35.06	>=0.5	Pass
NVNT	ac20	5745	15.2824	>=0.5	Pass
NVNT	ac20	5785	13.5712	>=0.5	Pass
NVNT	ac20	5825	15.0225	>=0.5	Pass
NVNT	ac40	5755	33.7843	>=0.5	Pass
NVNT	ac40	5795	35.0966	>=0.5	Pass

Test Graphs
-6dB Bandwidth NVNT a 5745MHz

-6dB Bandwidth NVNT a 5785MHz


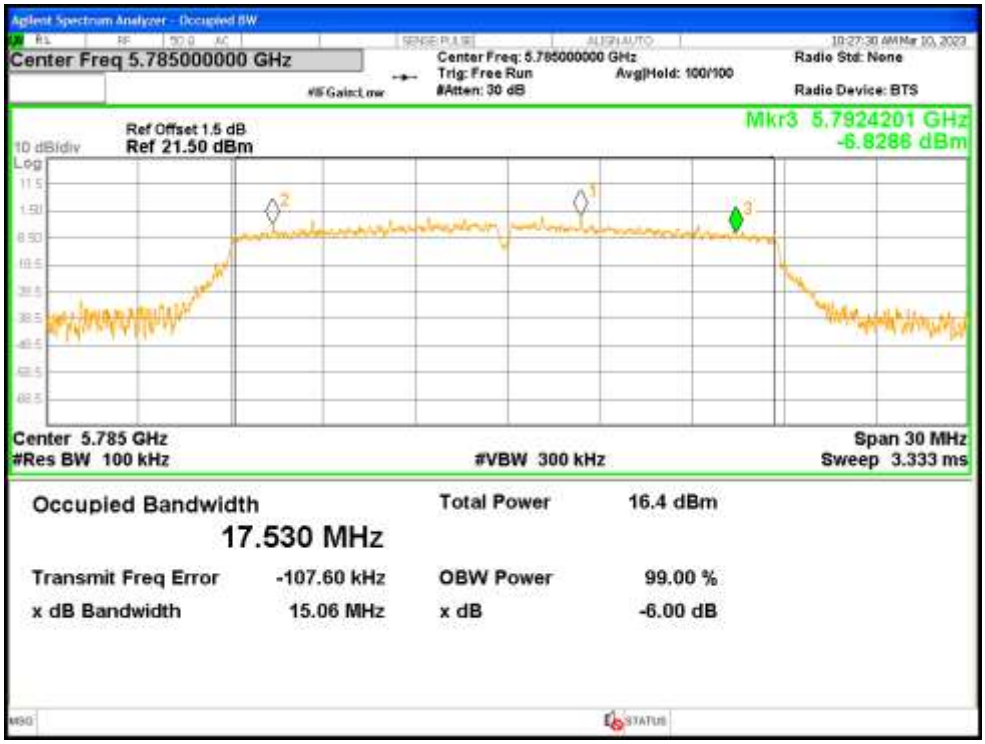
-6dB Bandwidth NVNT a 5825MHz



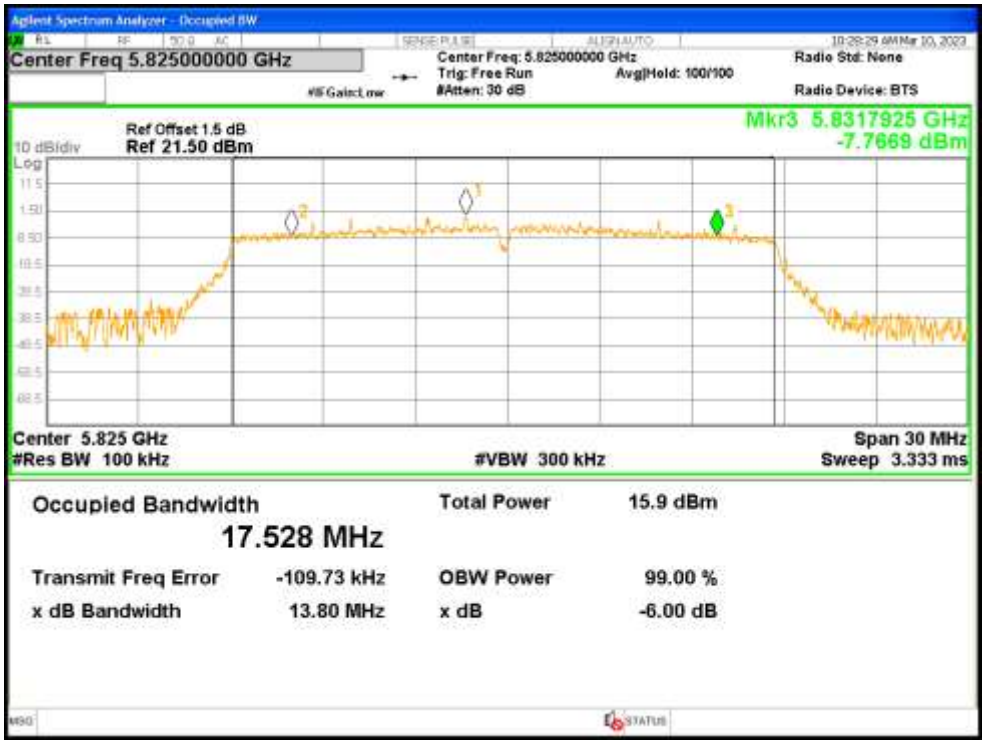
-6dB Bandwidth NVNT n20 5745MHz



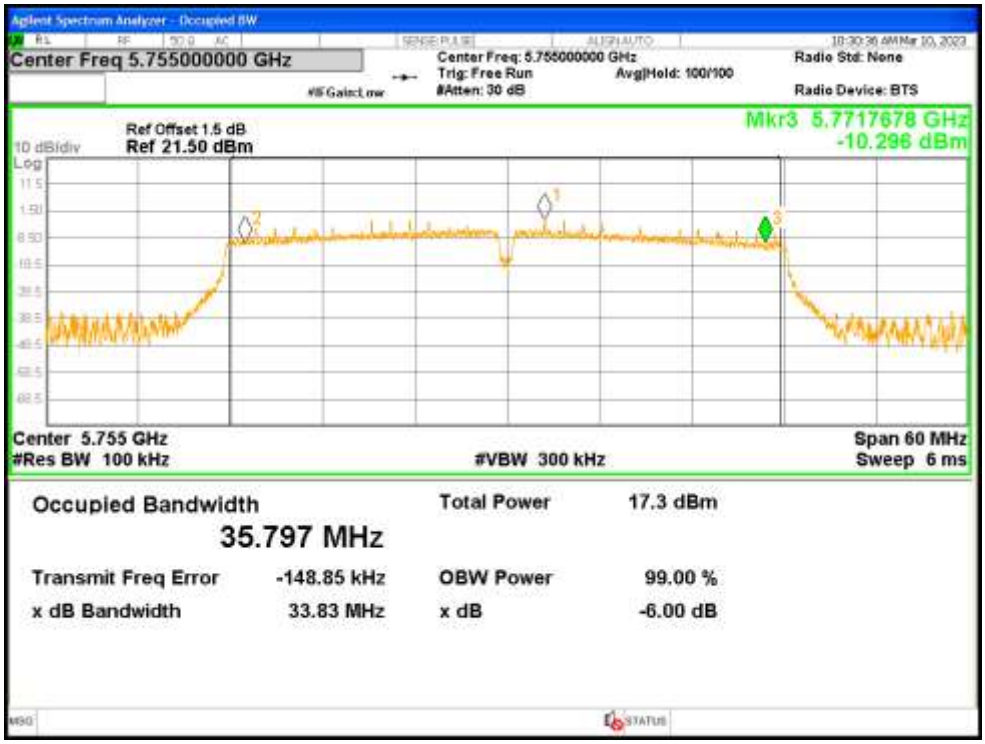
-6dB Bandwidth NVNT n20 5785MHz



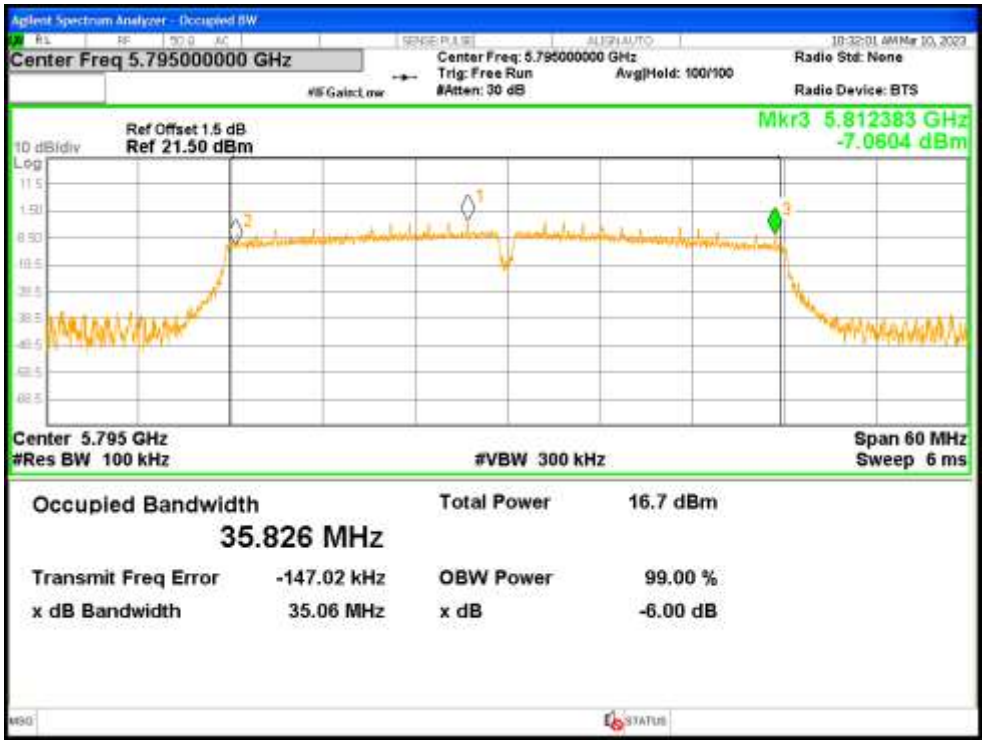
-6dB Bandwidth NVNT n20 5825MHz



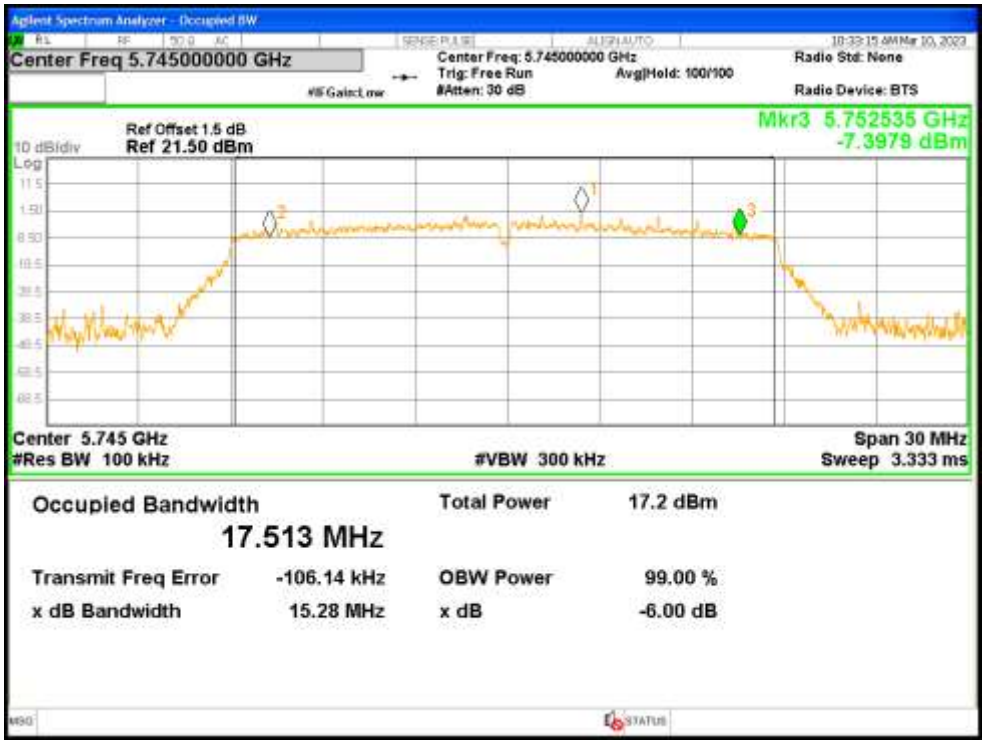
-6dB Bandwidth NVNT n40 5755MHz



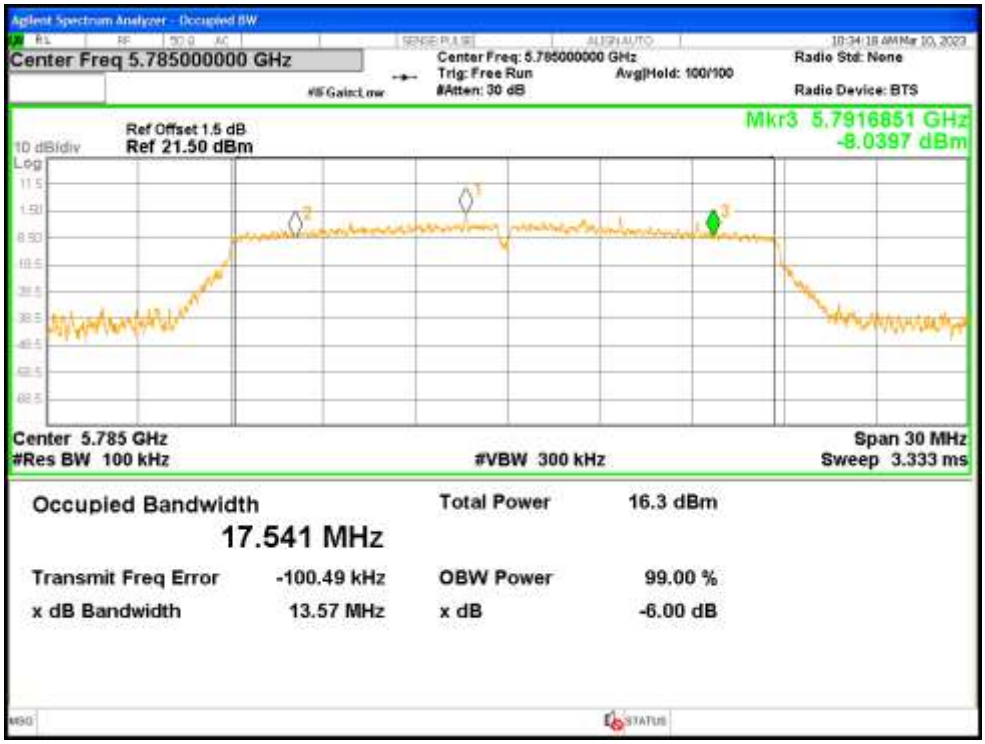
-6dB Bandwidth NVNT n40 5795MHz



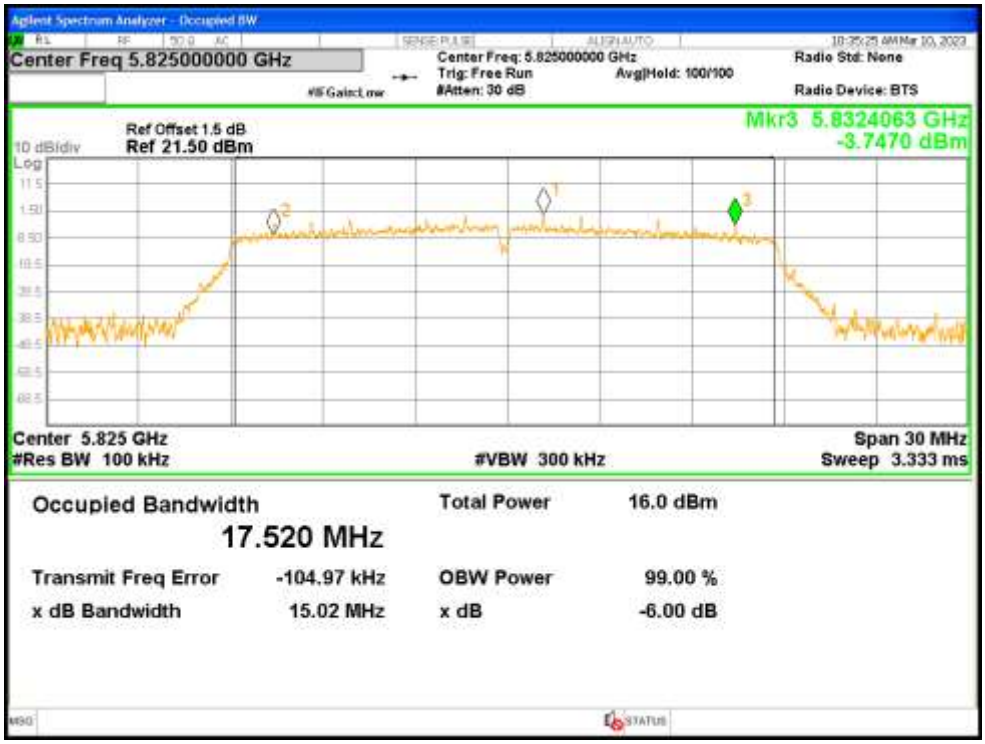
-6dB Bandwidth NVNT ac20 5745MHz



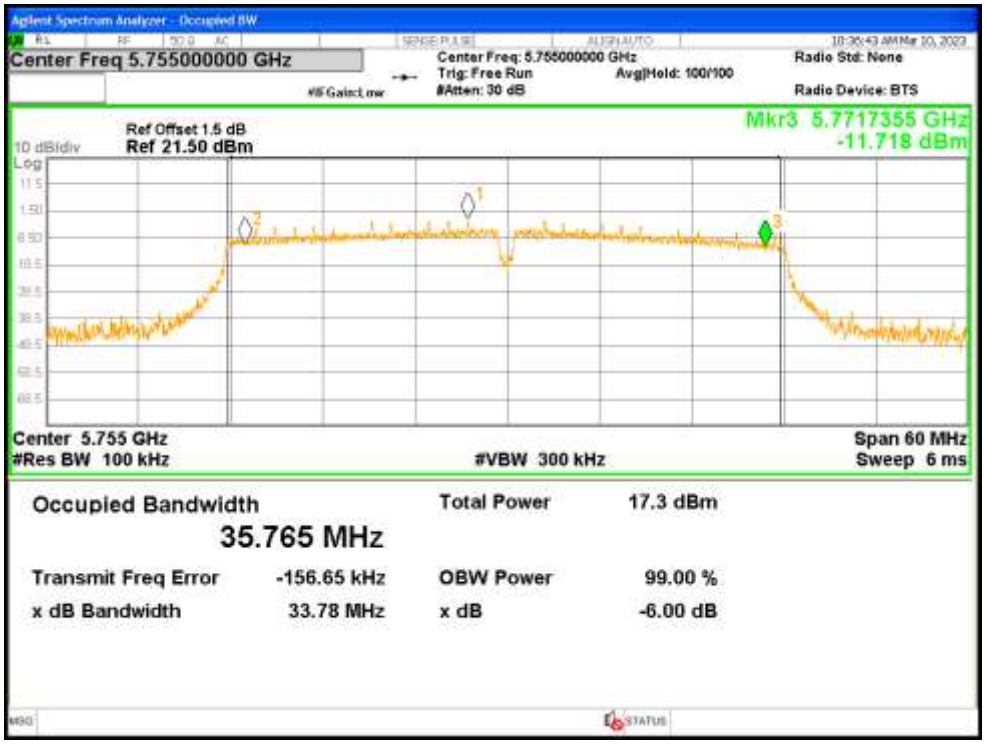
-6dB Bandwidth NVNT ac20 5785MHz



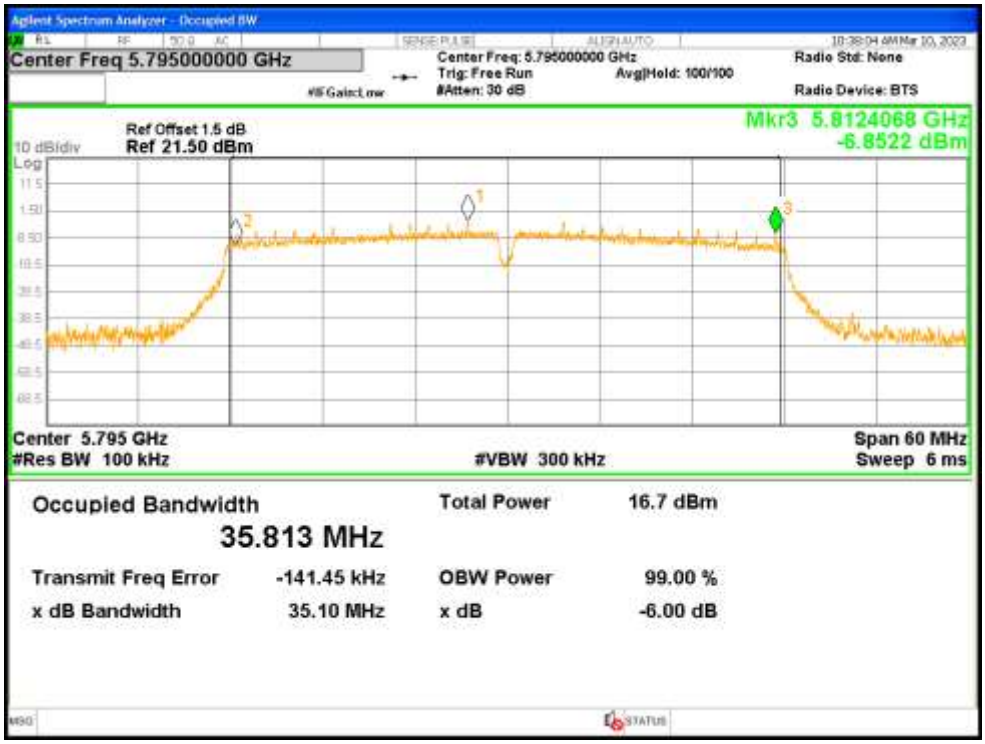
-6dB Bandwidth NVNT ac20 5825MHz



-6dB Bandwidth NVNT ac40 5755MHz



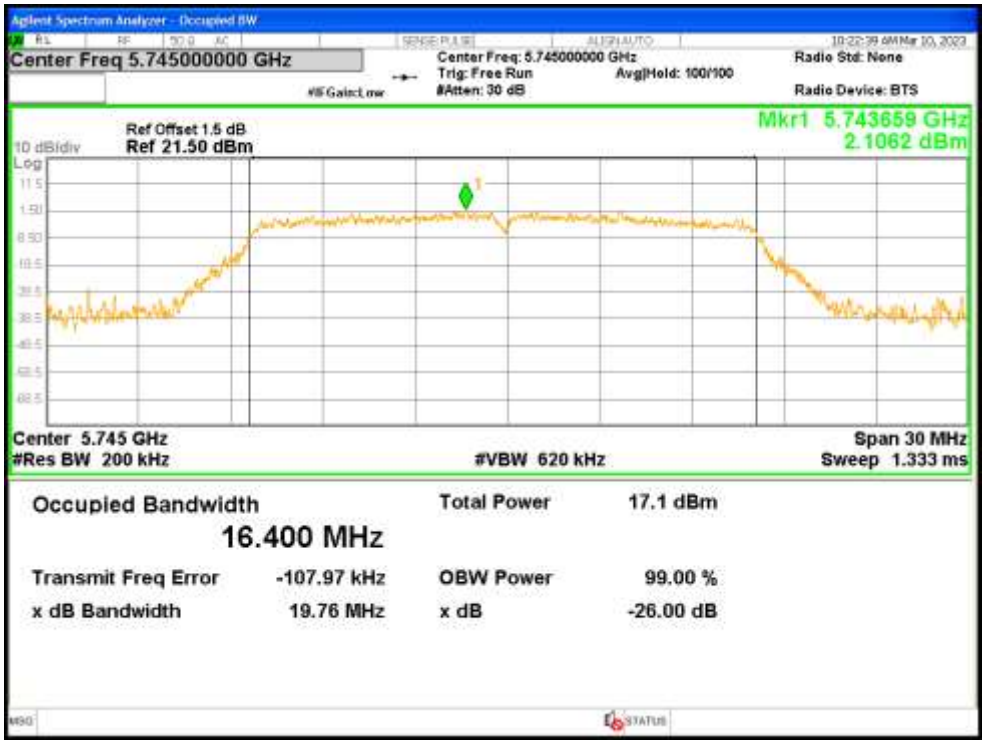
-6dB Bandwidth NVNT ac40 5795MHz



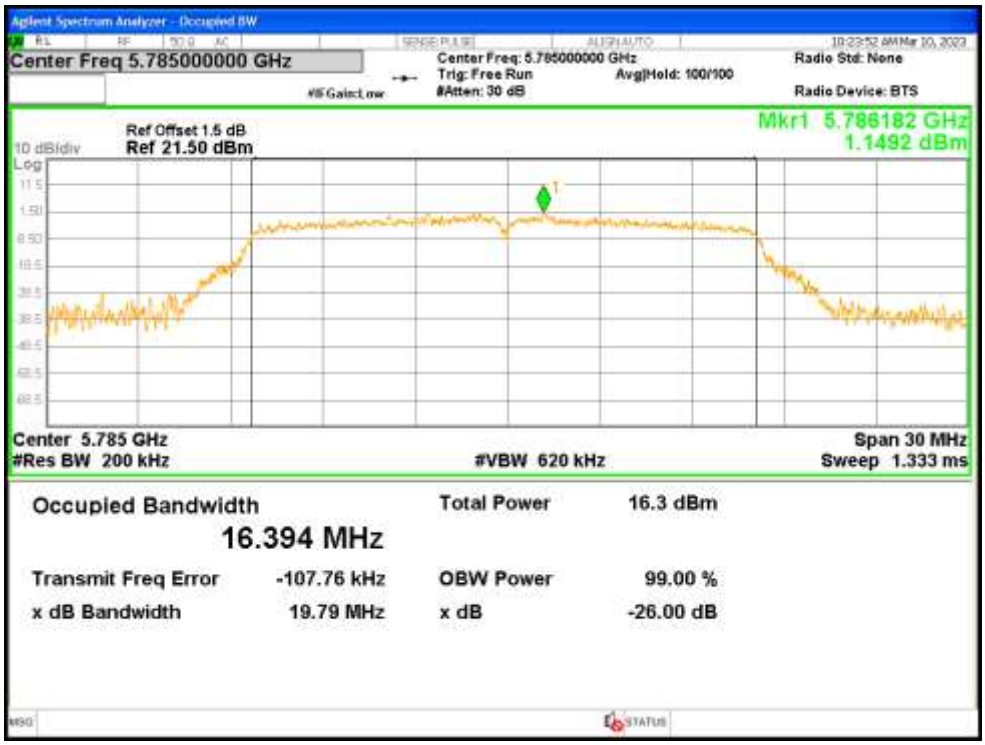
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.3998
NVNT	a	5785	16.3939
NVNT	a	5825	16.3504
NVNT	n20	5745	17.546
NVNT	n20	5785	17.5531
NVNT	n20	5825	17.5374
NVNT	n40	5755	35.9485
NVNT	n40	5795	35.9693
NVNT	ac20	5745	17.5161
NVNT	ac20	5785	17.5554
NVNT	ac20	5825	17.5347
NVNT	ac40	5755	35.908
NVNT	ac40	5795	35.9513

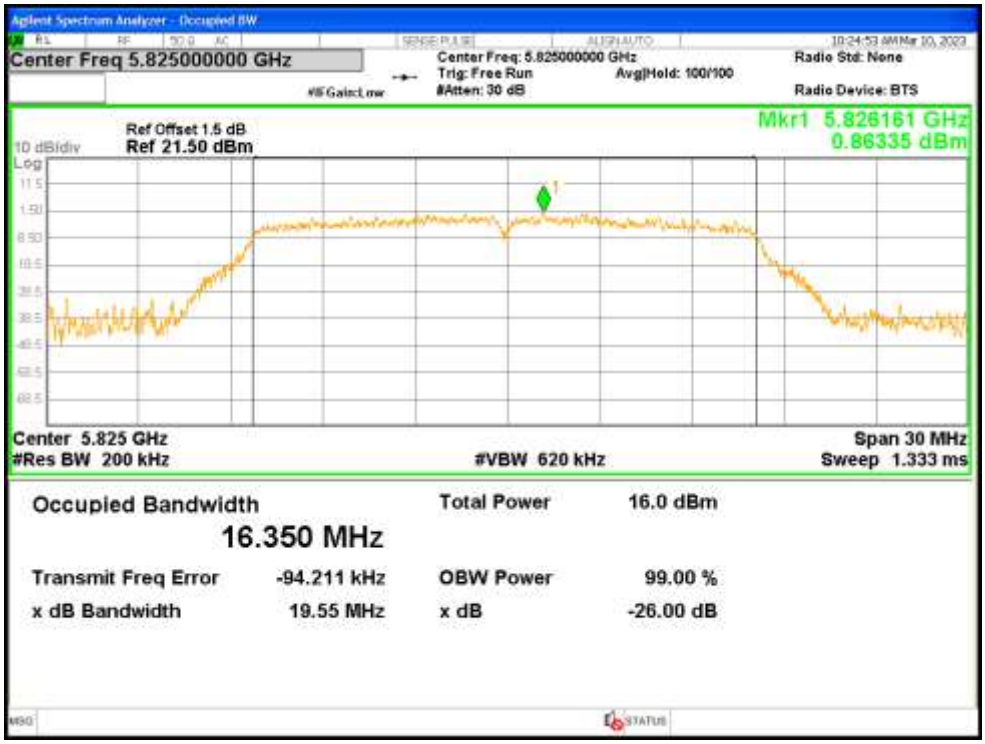
Test Graphs
OBW NVNT a 5745MHz



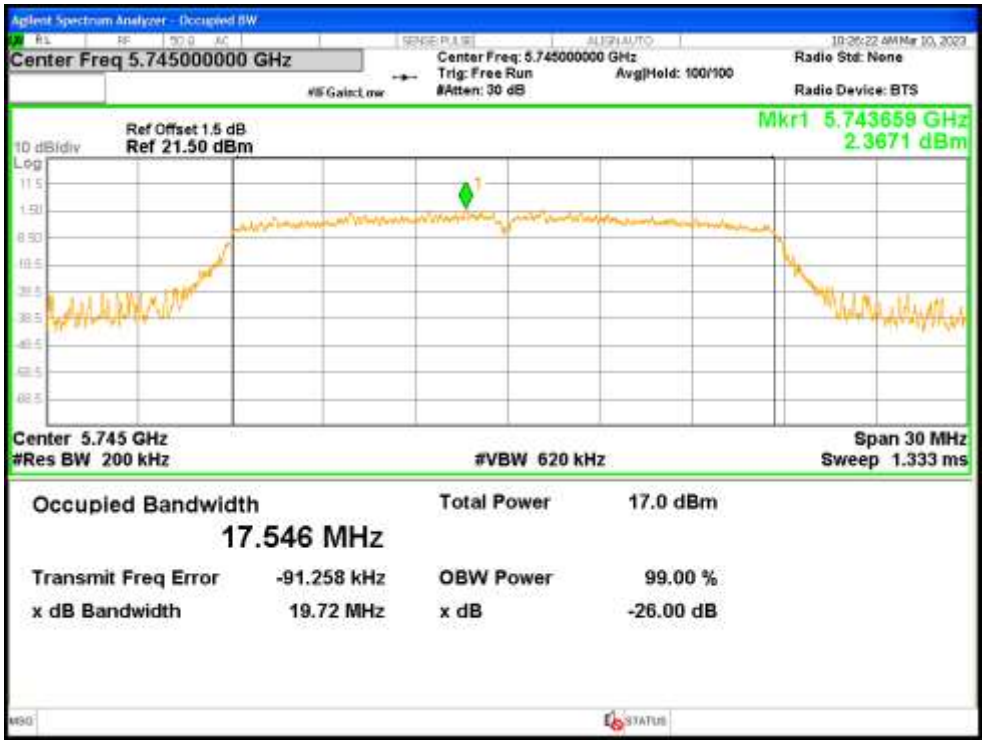
OBW NVNT a 5785MHz



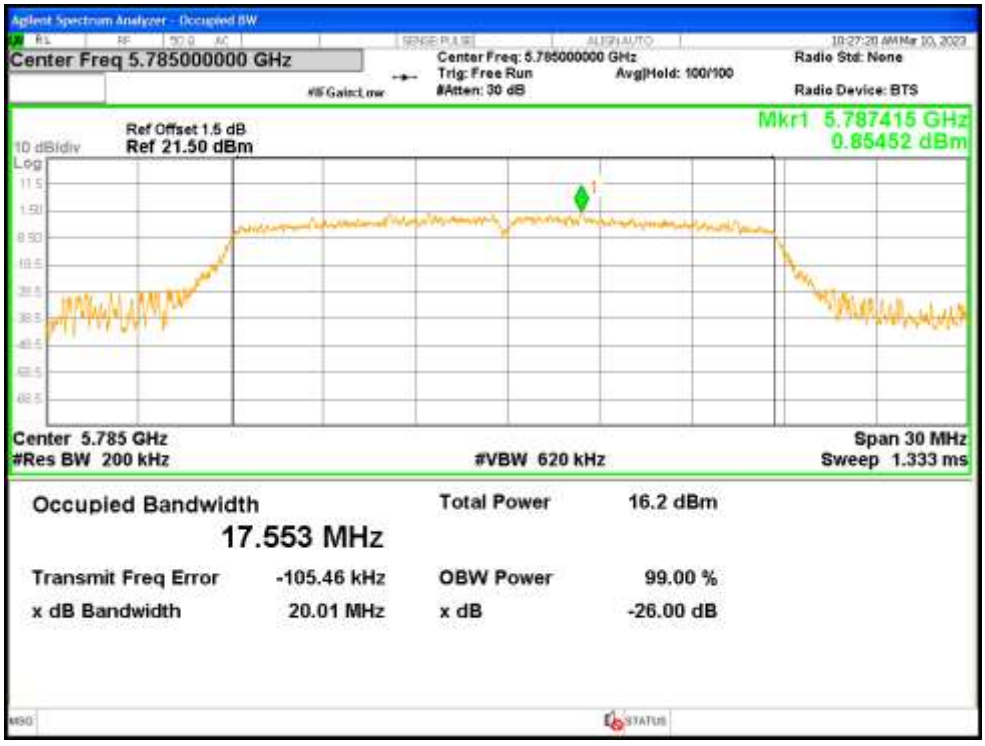
OBW NVNT a 5825MHz



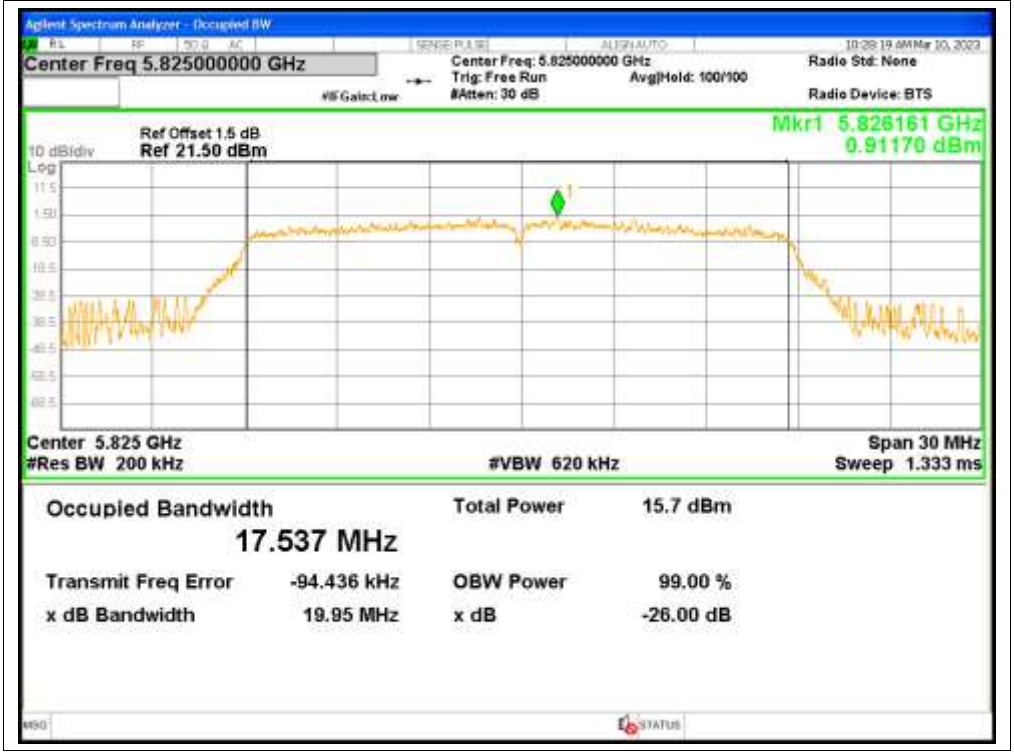
OBW NVNT n20 5745MHz



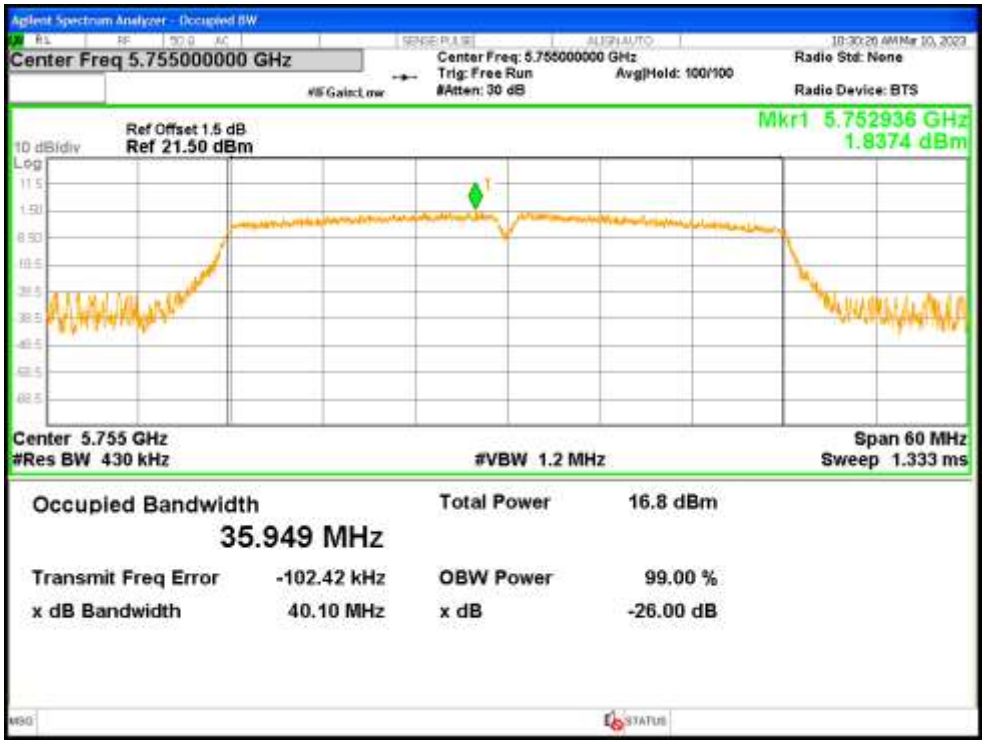
OBW NVNT n20 5785MHz



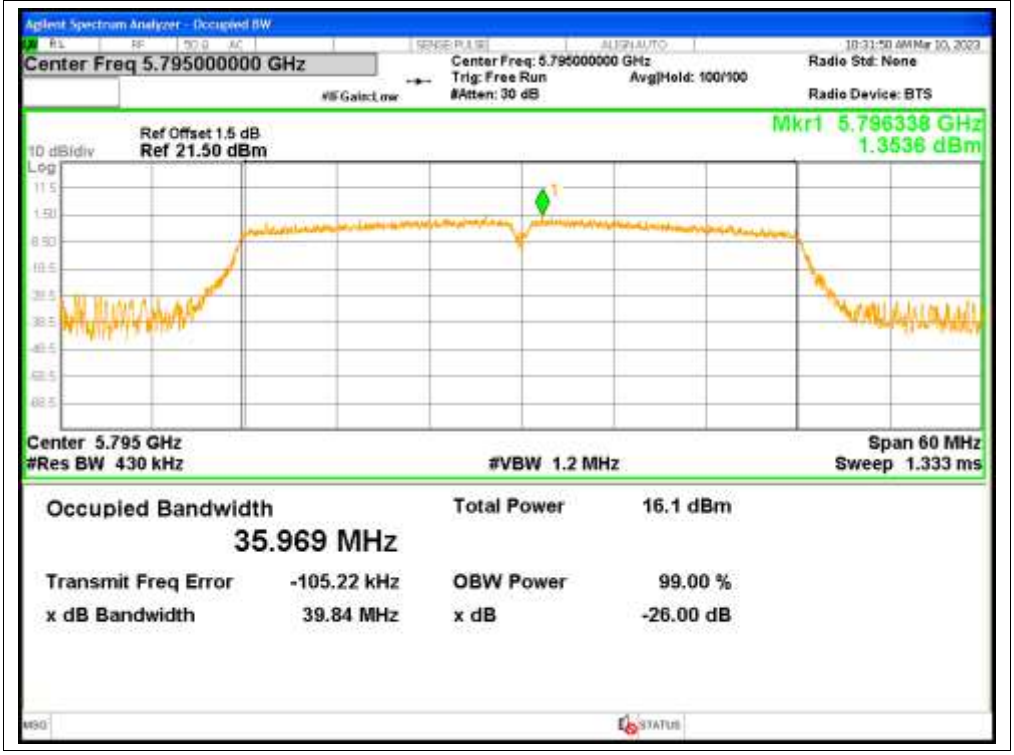
OBW NVNT n20 5825MHz



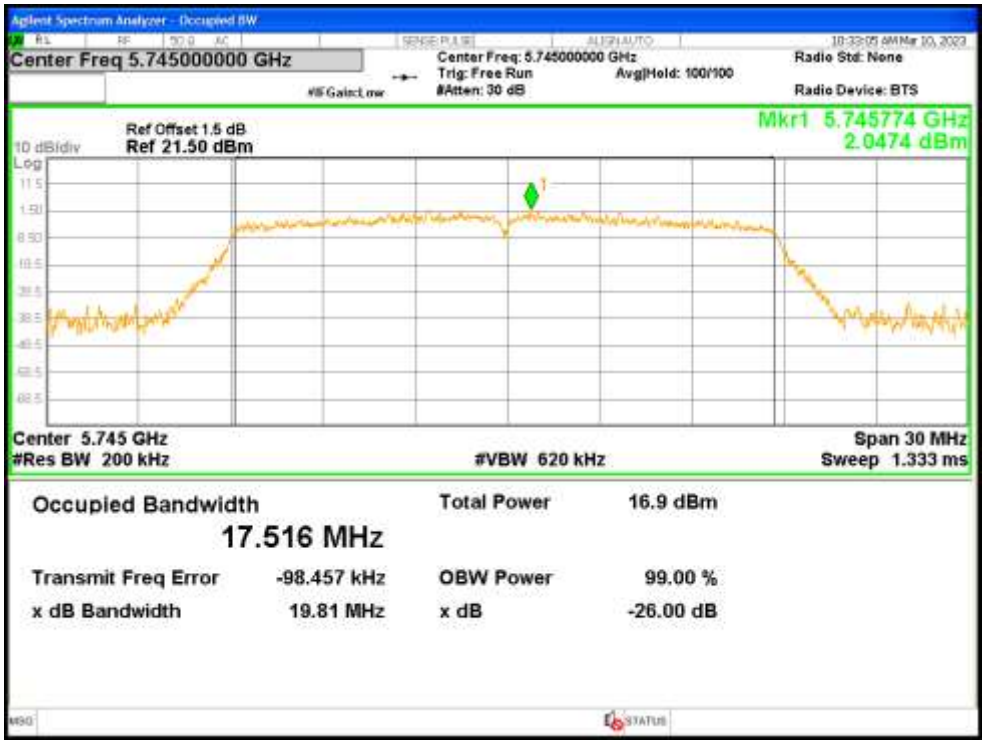
OBW NVNT n40 5755MHz



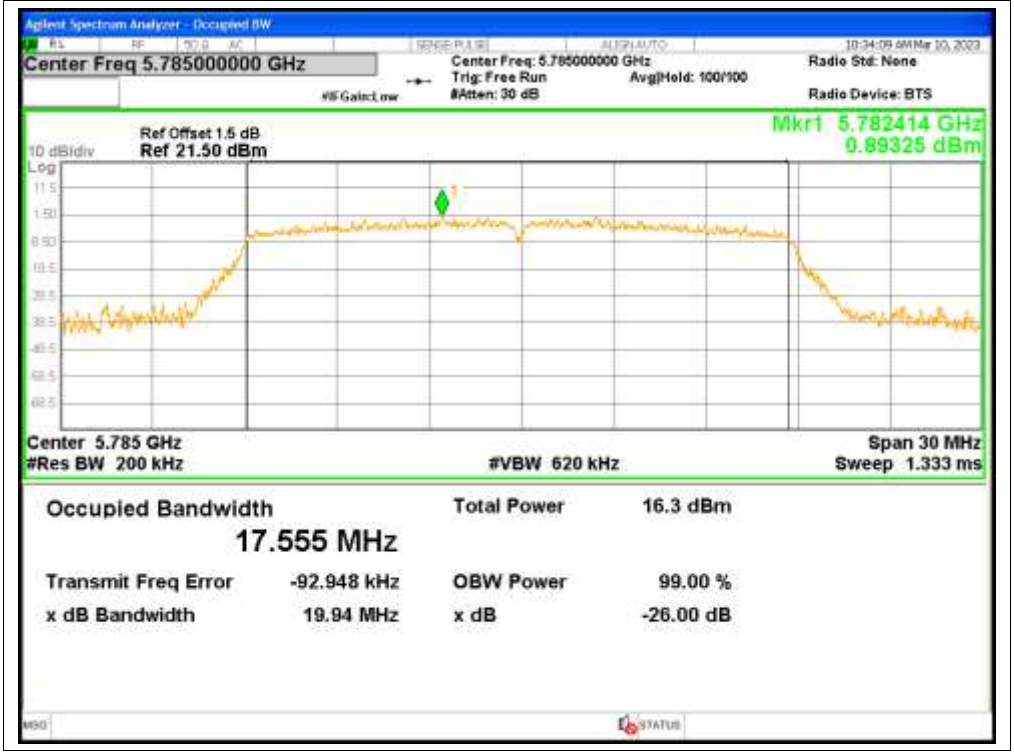
OBW NVNT n40 5795MHz



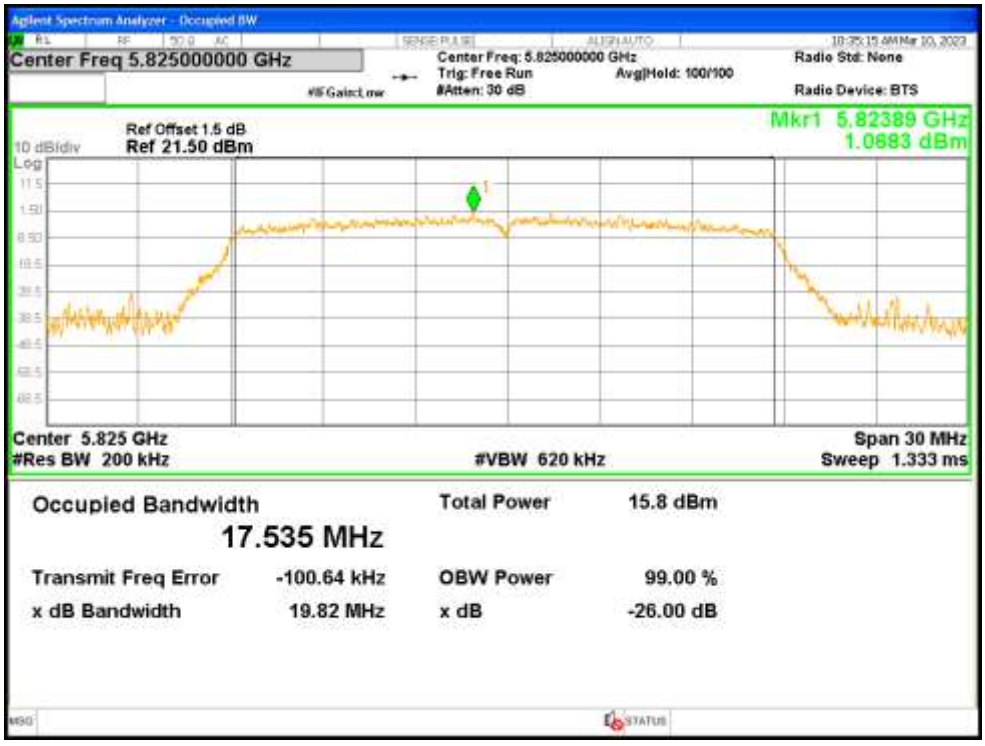
OBW NVNT ac20 5745MHz



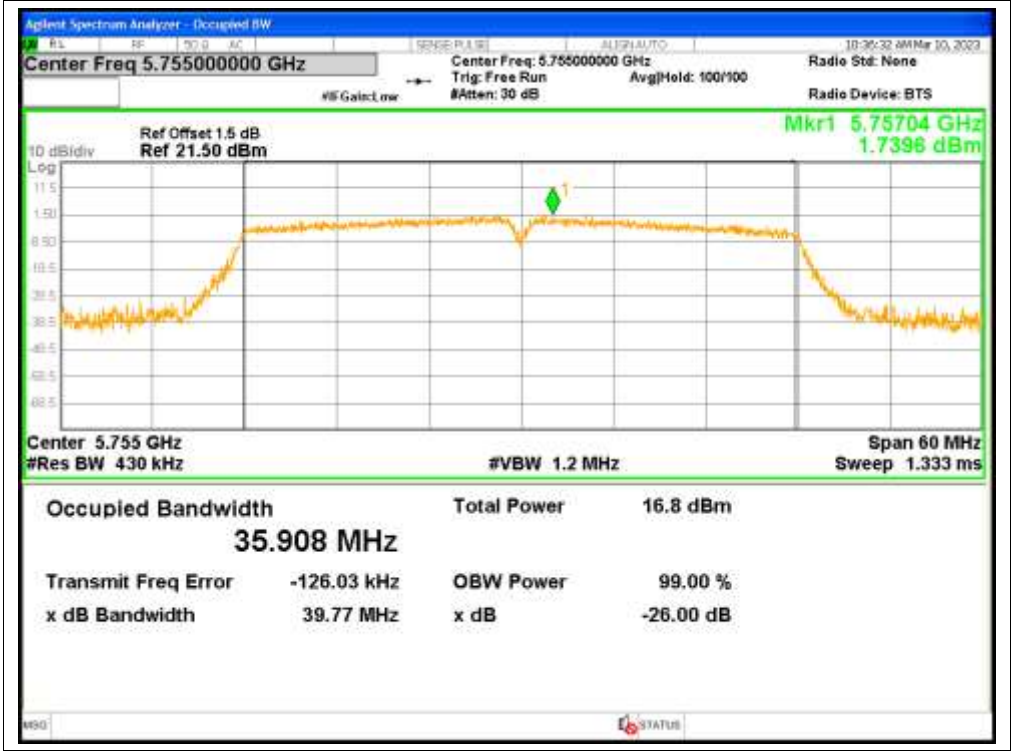
OBW NVNT ac20 5785MHz



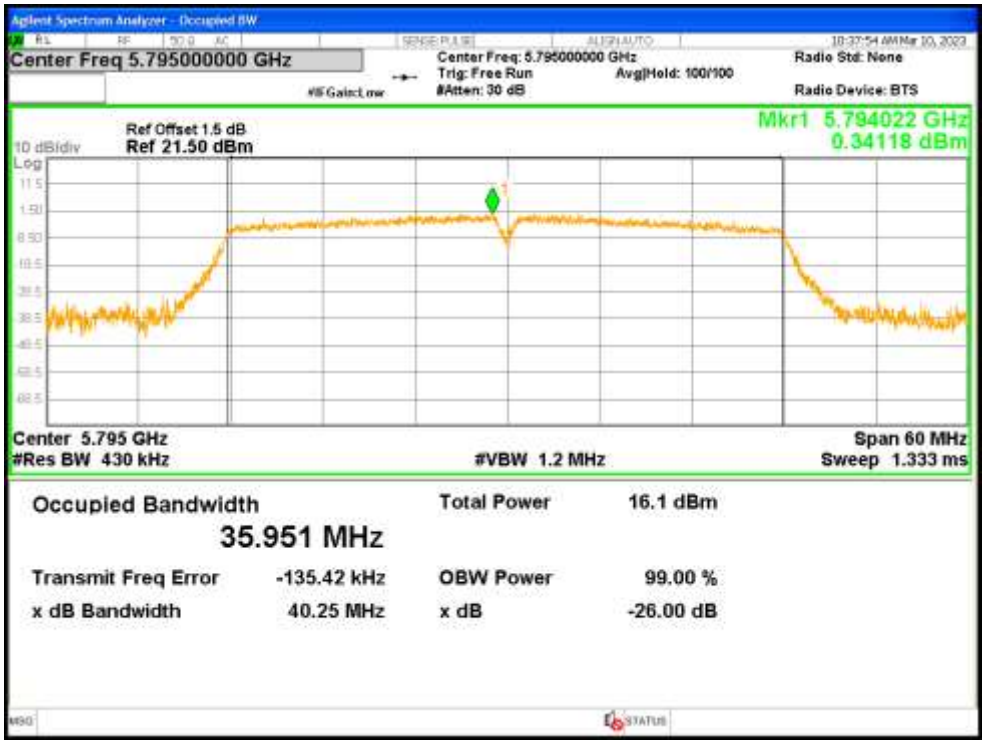
OBW NVNT ac20 5825MHz



OBW NVNT ac40 5755MHz



OBW NVNT ac40 5795MHz



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	-0.938	0.13	-0.808	<=30	Pass
NVNT	a	5785	-1.785	0.13	-1.655	<=30	Pass
NVNT	a	5825	-2.437	0.13	-2.307	<=30	Pass
NVNT	n20	5745	-1.432	0.14	-1.292	<=30	Pass
NVNT	n20	5785	-2.07	0.14	-1.93	<=30	Pass
NVNT	n20	5825	-2.824	0.14	-2.684	<=30	Pass
NVNT	n40	5755	-4.662	0.28	-4.382	<=30	Pass
NVNT	n40	5795	-5.524	0.27	-5.254	<=30	Pass
NVNT	ac20	5745	-1.32	0.14	-1.18	<=30	Pass
NVNT	ac20	5785	-2.045	0.14	-1.905	<=30	Pass
NVNT	ac20	5825	-2.752	0.14	-2.612	<=30	Pass
NVNT	ac40	5755	-4.83	0.27	-4.56	<=30	Pass
NVNT	ac40	5795	-5.385	0.27	-5.115	<=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