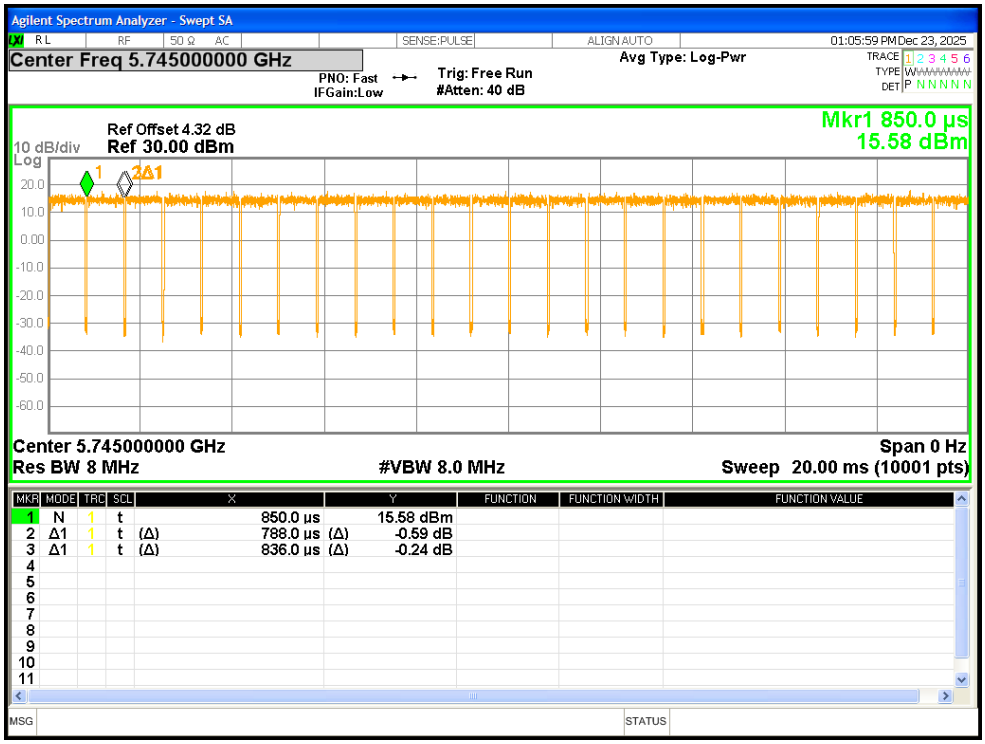
Duty Cycle

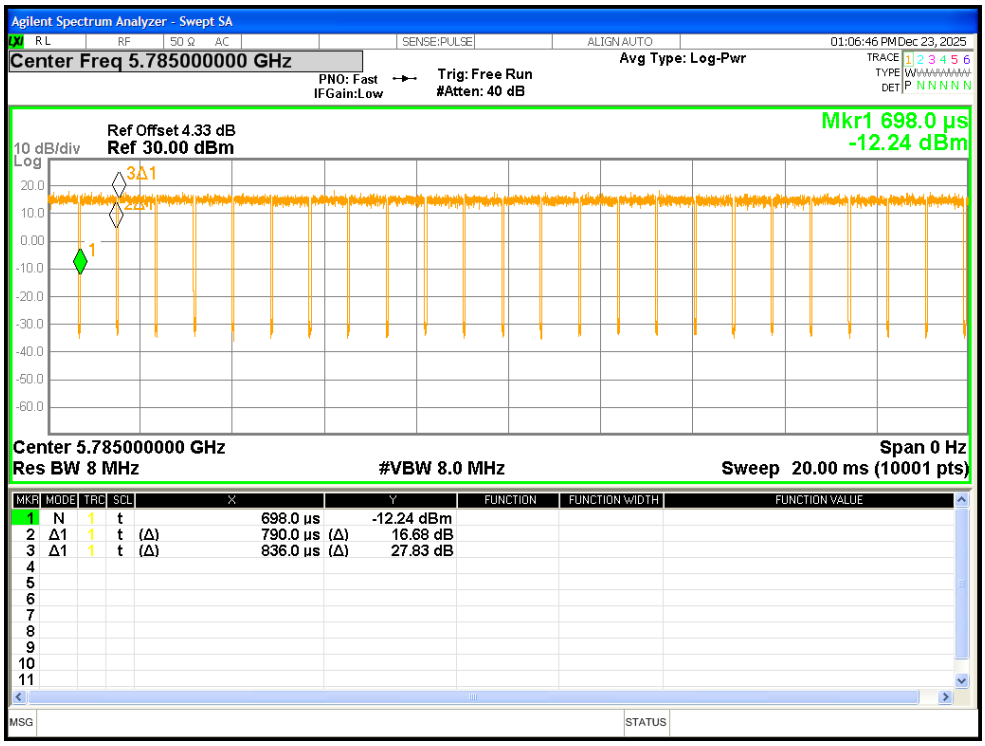
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5745	0.788	0.836	94.26	0.26	1.27	0.26
NVNT	a	5785	0.79	0.836	94.5	0.25	1.27	0.27
NVNT	a	5825	0.788	0.838	94.03	0.27	1.27	0.25
NVNT	n20	5745	0.804	0.852	94.37	0.25	1.24	0.29
NVNT	n20	5785	0.804	0.852	94.37	0.25	1.24	0.28
NVNT	n20	5825	0.804	0.852	94.37	0.25	1.24	0.25
NVNT	n40	5755	0.798	0.844	94.55	0.24	1.25	0.26
NVNT	n40	5795	0.796	0.844	94.31	0.25	1.26	0.24
NVNT	ac20	5745	0.792	0.837	94.62	0.24	1.26	0.24
NVNT	ac20	5785	0.792	0.837	94.62	0.24	1.26	0.23
NVNT	ac20	5825	0.795	0.84	94.64	0.24	1.26	0.25
NVNT	ac40	5755	0.772	0.82	94.15	0.26	1.3	0.26
NVNT	ac40	5795	0.772	0.822	93.92	0.27	1.3	0.27
NVNT	ac80	5775	0.768	0.816	94.12	0.26	1.3	0.23

Test Graphs

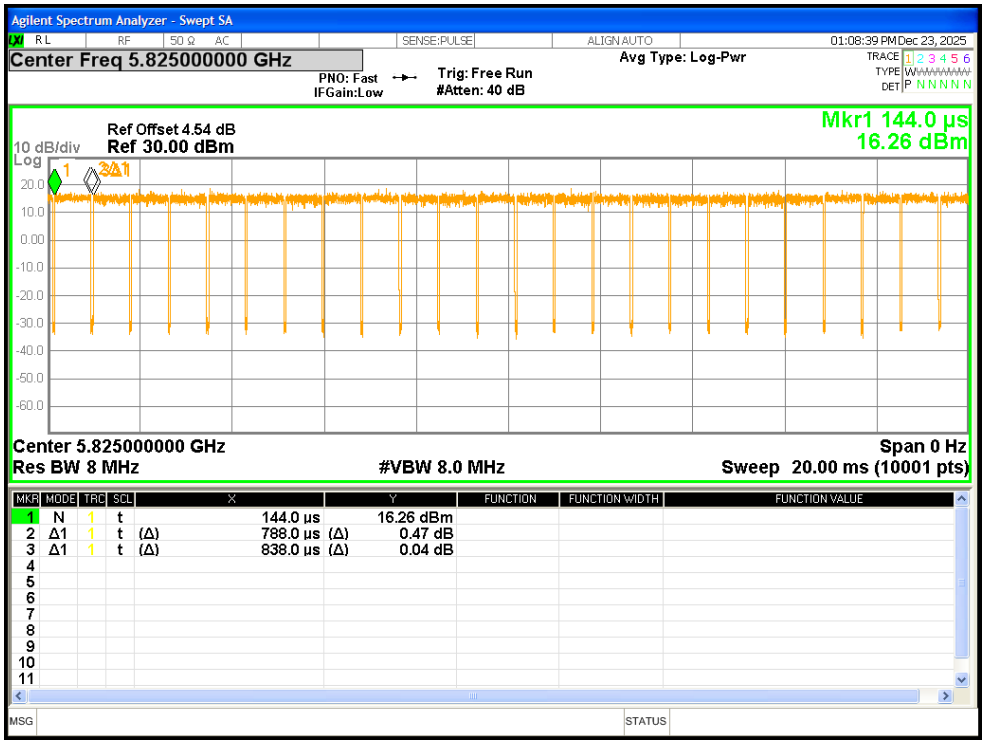
Duty Cycle NVNT a 5745MHz



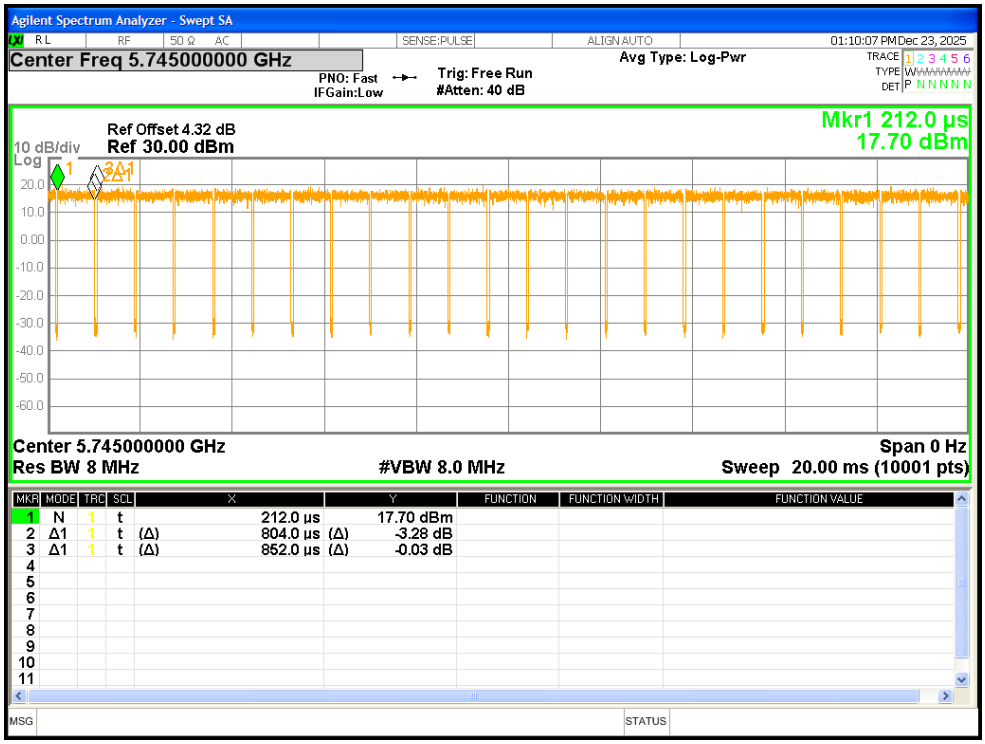
Duty Cycle NVNT a 5785MHz



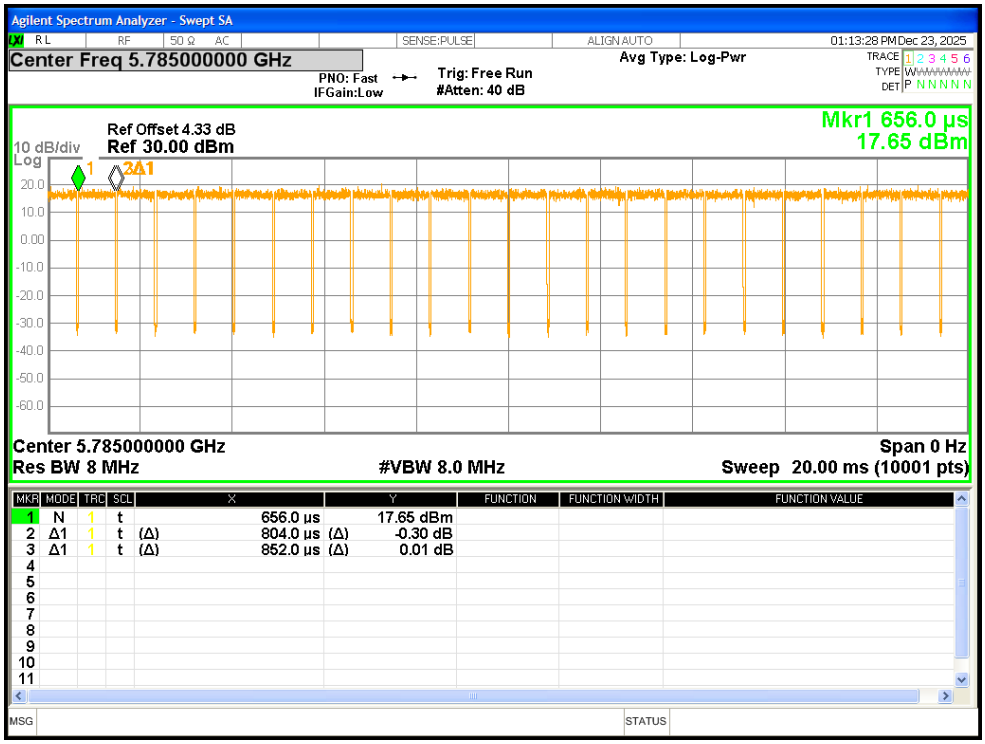
Duty Cycle NVNT a 5825MHz



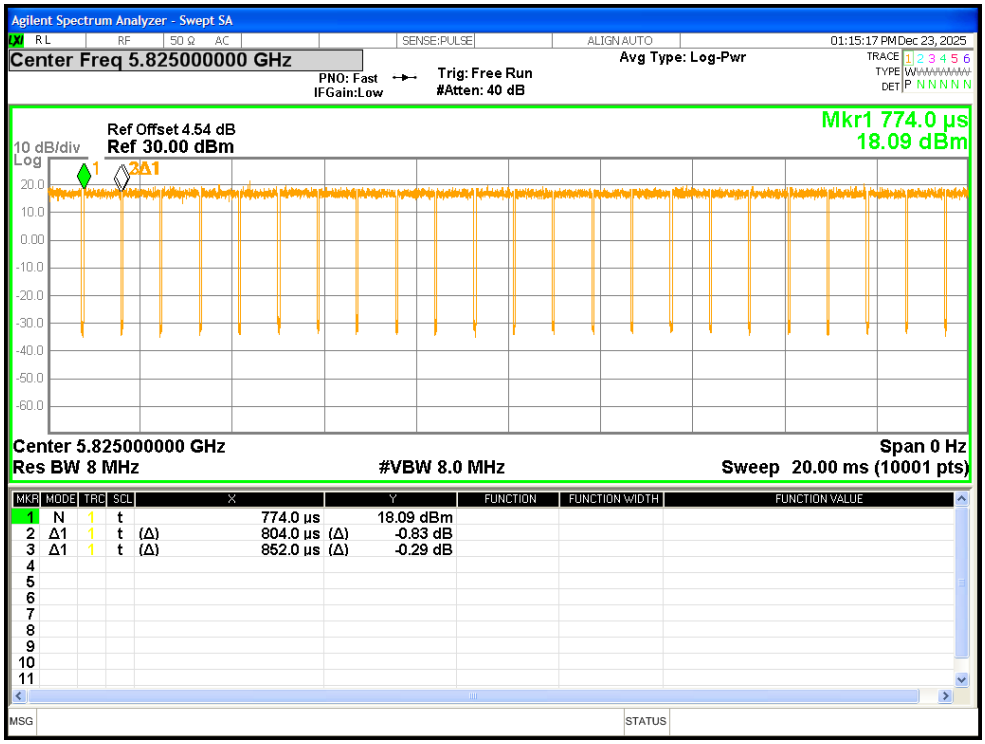
Duty Cycle NVNT n20 5745MHz



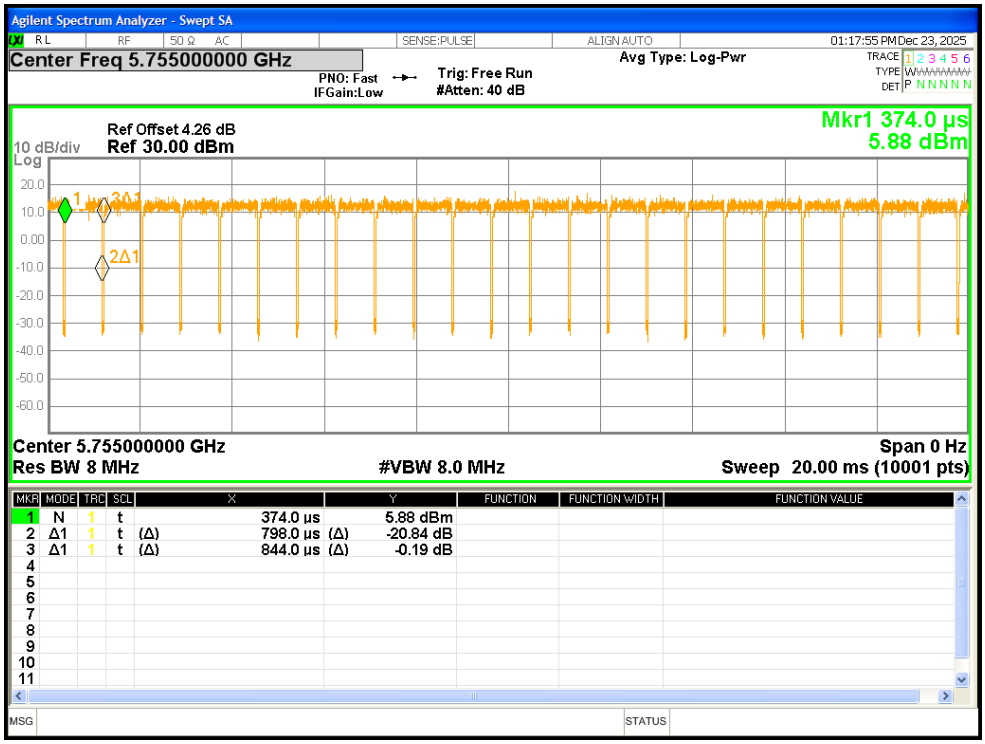
Duty Cycle NVNT n20 5785MHz



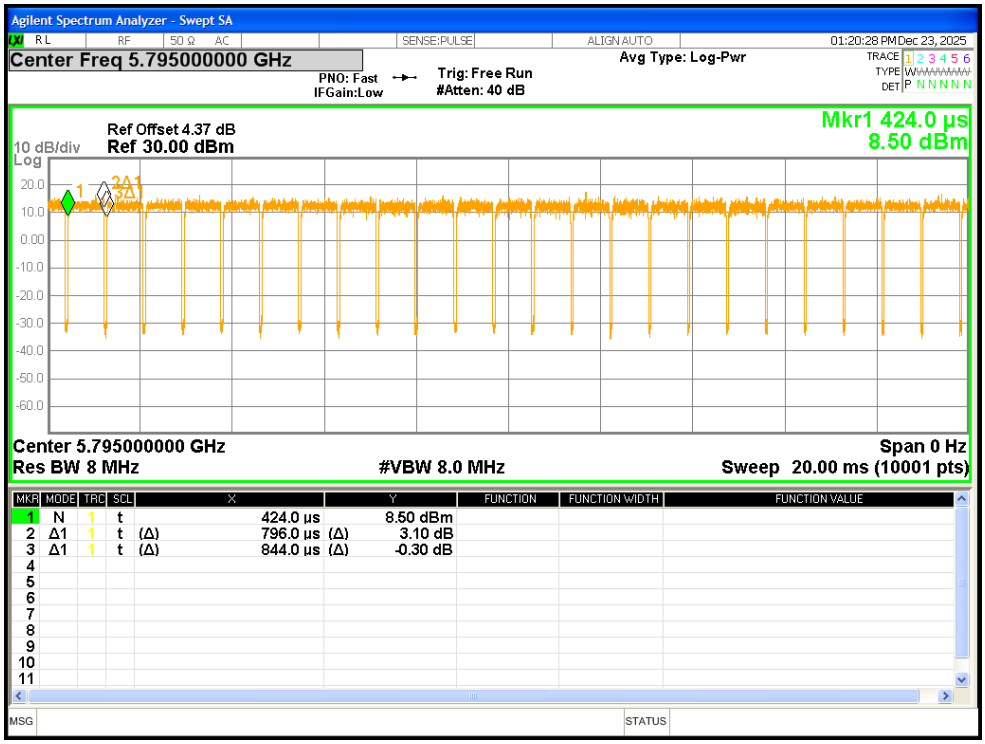
Duty Cycle NVNT n20 5825MHz



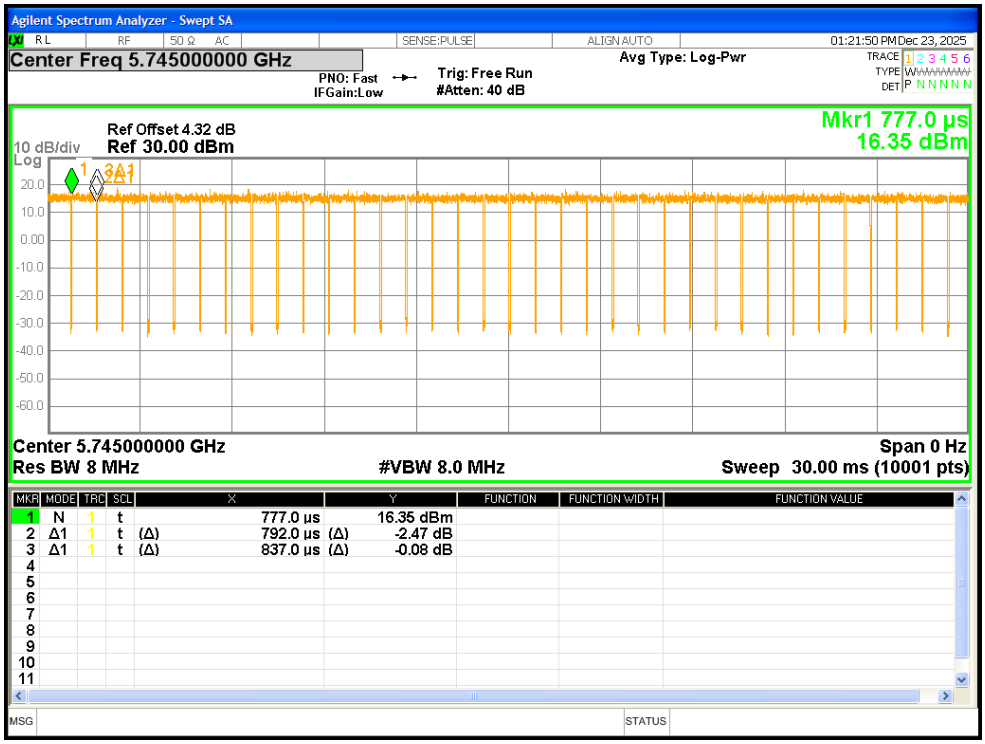
Duty Cycle NVNT n40 5755MHz



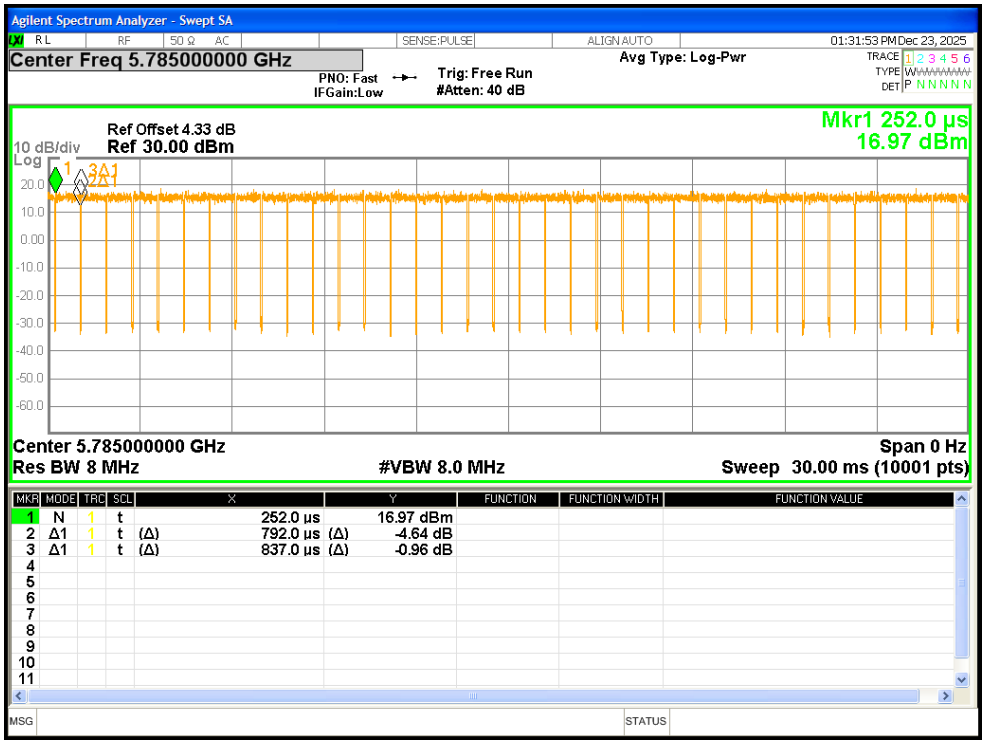
Duty Cycle NVNT n40 5795MHz



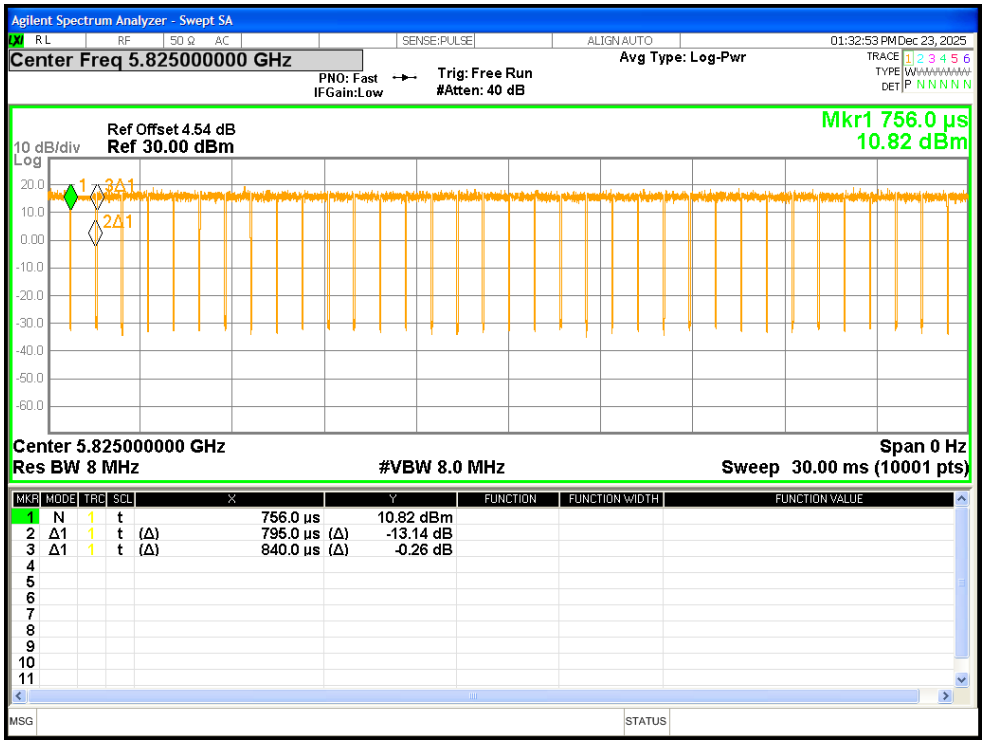
Duty Cycle NVNT ac20 5745MHz



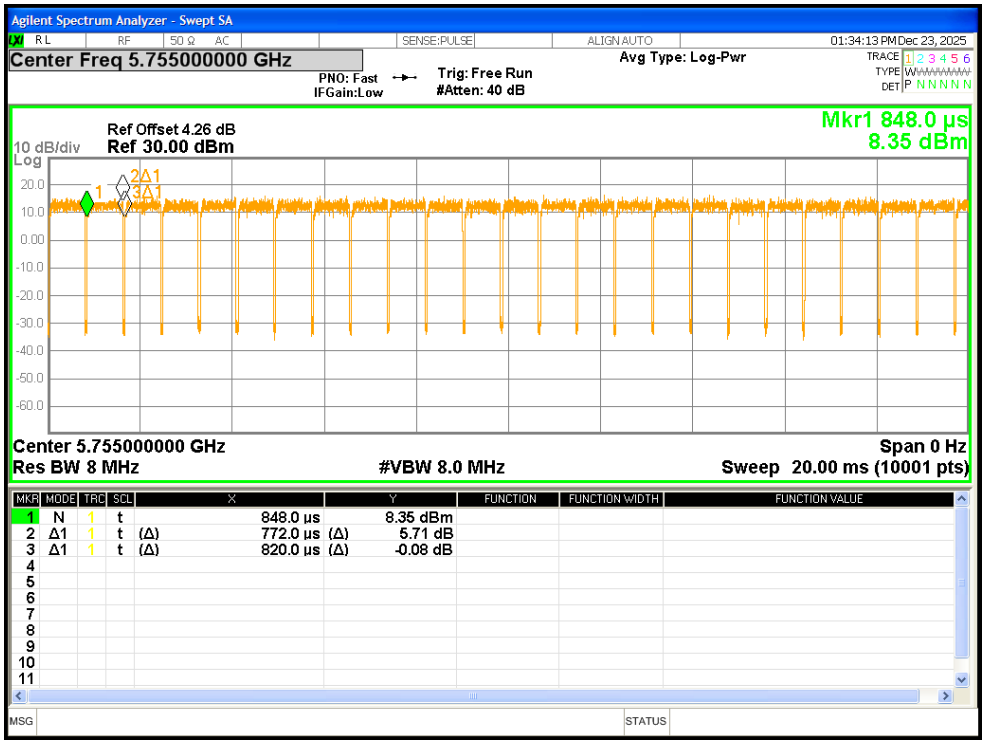
Duty Cycle NVNT ac20 5785MHz



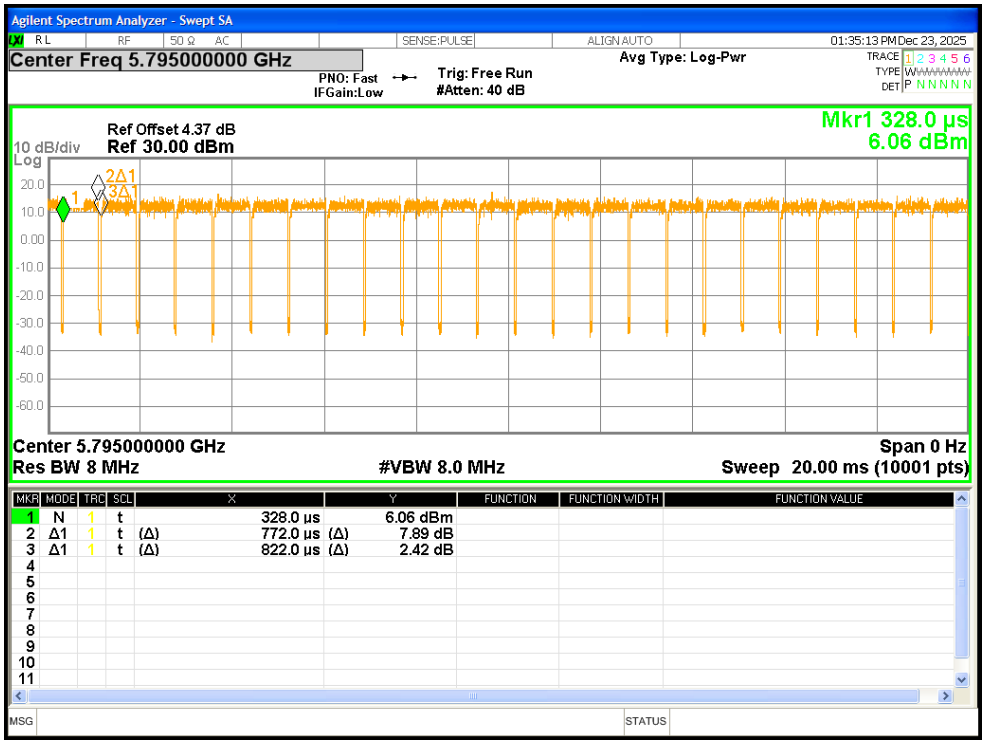
Duty Cycle NVNT ac20 5825MHz



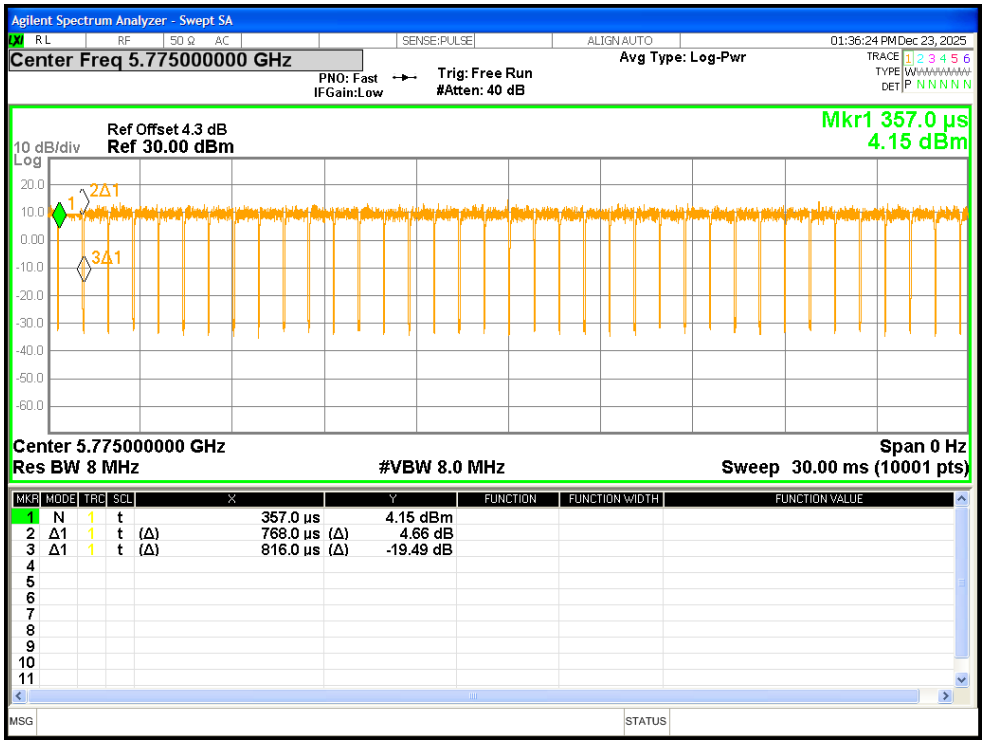
Duty Cycle NVNT ac40 5755MHz



Duty Cycle NVNT ac40 5795MHz



Duty Cycle NVNT ac80 5775MHz

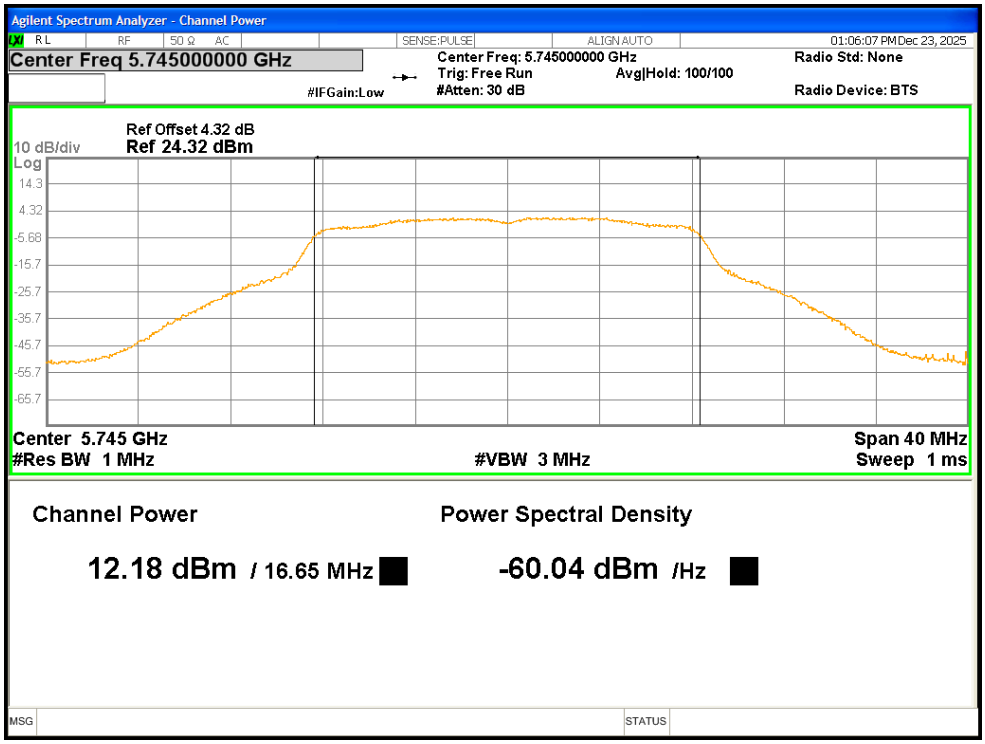


Maximum Conducted Output Power

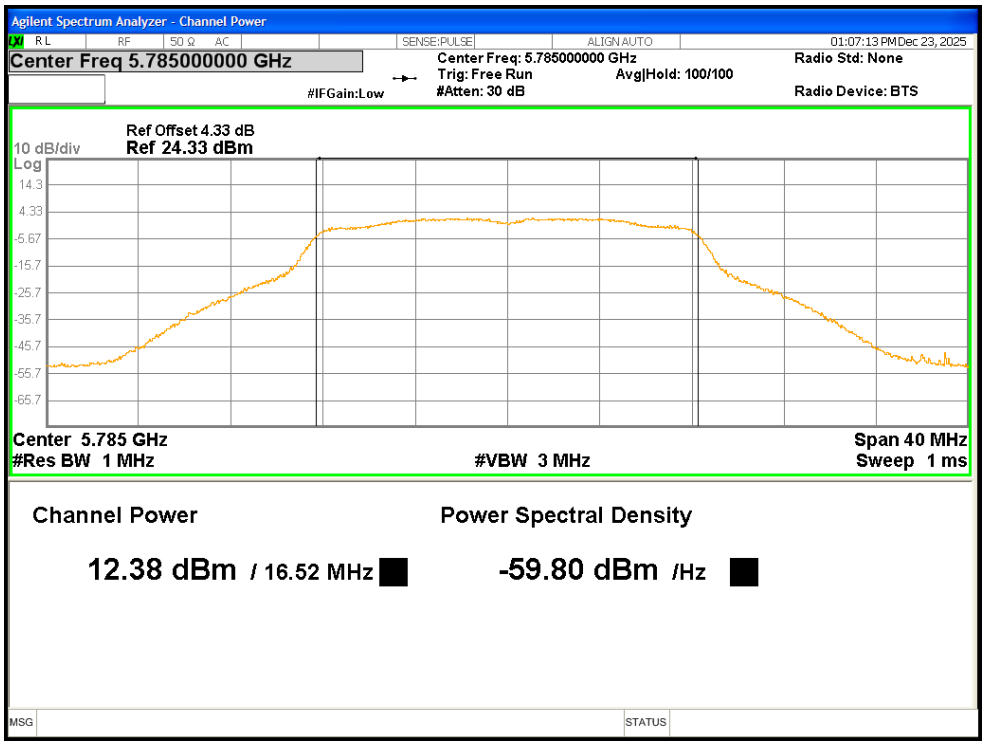
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	12.18	0.26	12.44	<=30	Pass
NVNT	a	5785	12.38	0.25	12.63	<=30	Pass
NVNT	a	5825	12.69	0.27	12.96	<=30	Pass
NVNT	n20	5745	14.04	0.25	14.29	<=30	Pass
NVNT	n20	5785	14.33	0.25	14.58	<=30	Pass
NVNT	n20	5825	14.6	0.25	14.85	<=30	Pass
NVNT	n40	5755	13.2	0.24	13.44	<=30	Pass
NVNT	n40	5795	13.22	0.25	13.47	<=30	Pass
NVNT	ac20	5745	12.64	0.24	12.88	<=30	Pass
NVNT	ac20	5785	12.92	0.24	13.16	<=30	Pass
NVNT	ac20	5825	13.23	0.24	13.47	<=30	Pass
NVNT	ac40	5755	13.19	0.26	13.45	<=30	Pass
NVNT	ac40	5795	13.39	0.27	13.66	<=30	Pass
NVNT	ac80	5775	12.93	0.26	13.19	<=30	Pass

Test Graphs

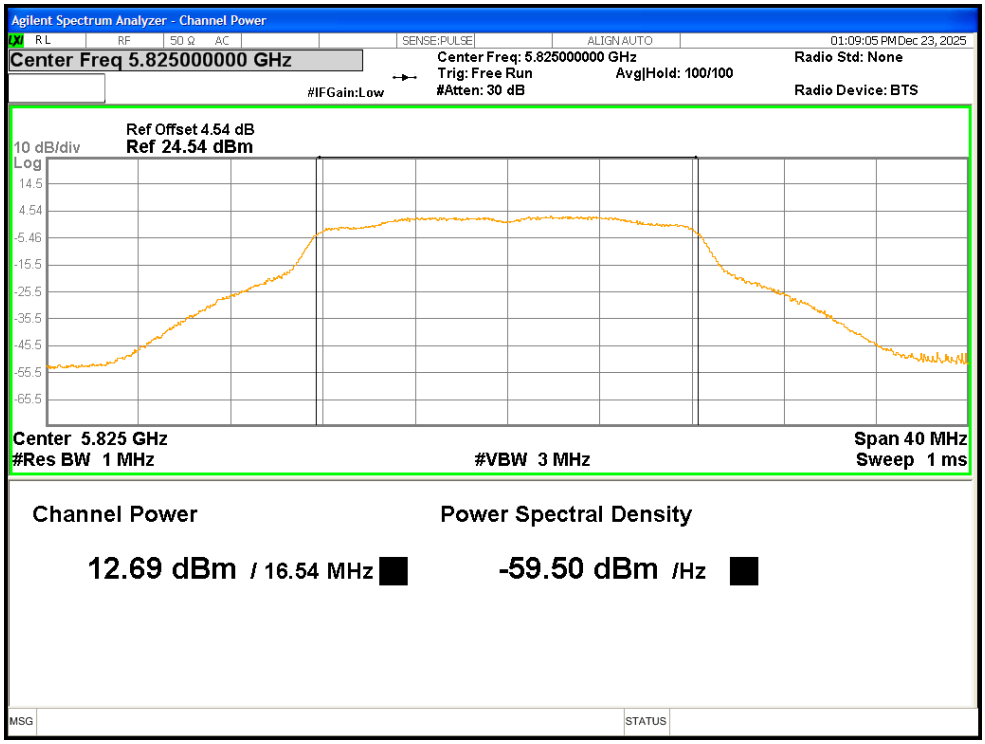
Power NVNT a 5745MHz



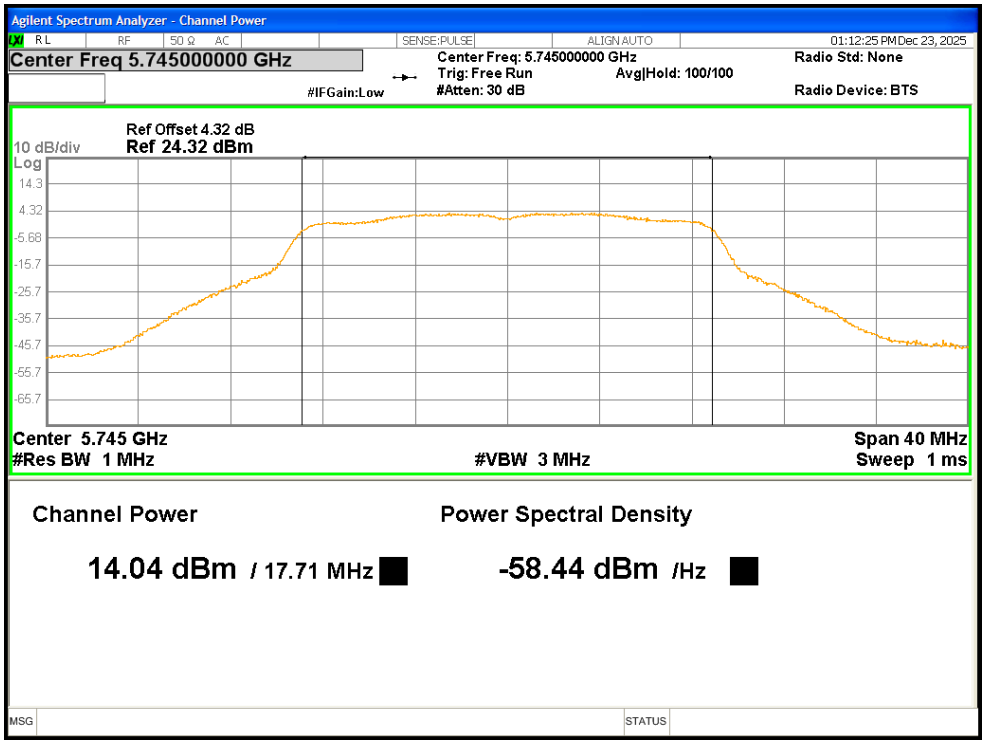
Power NVNT a 5785MHz



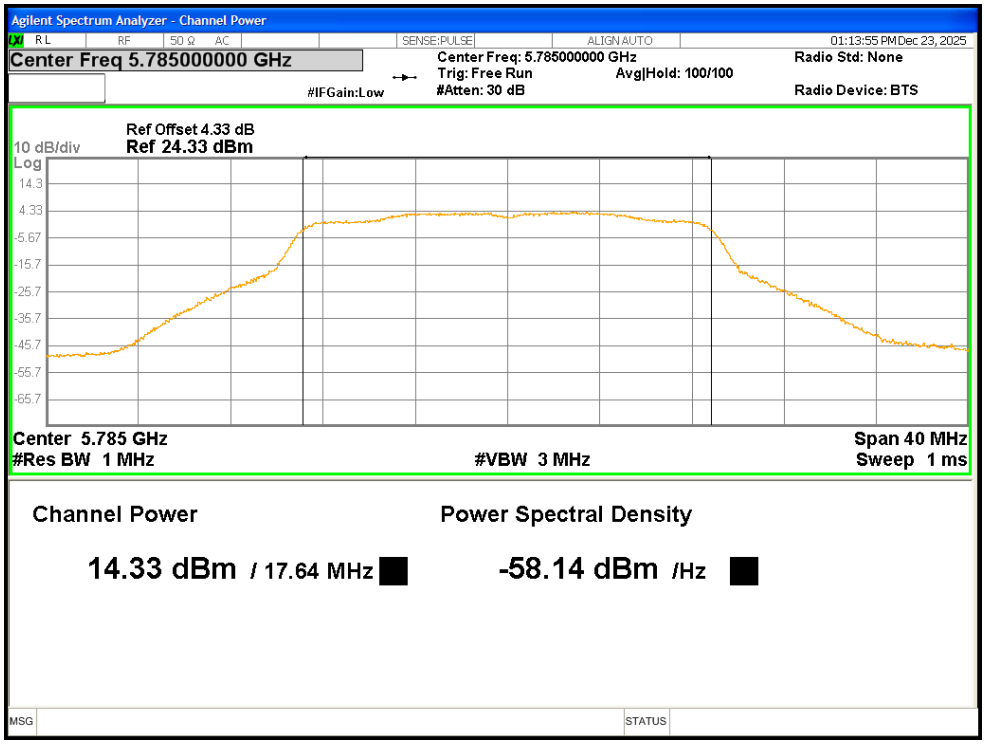
Power NVNT a 5825MHz



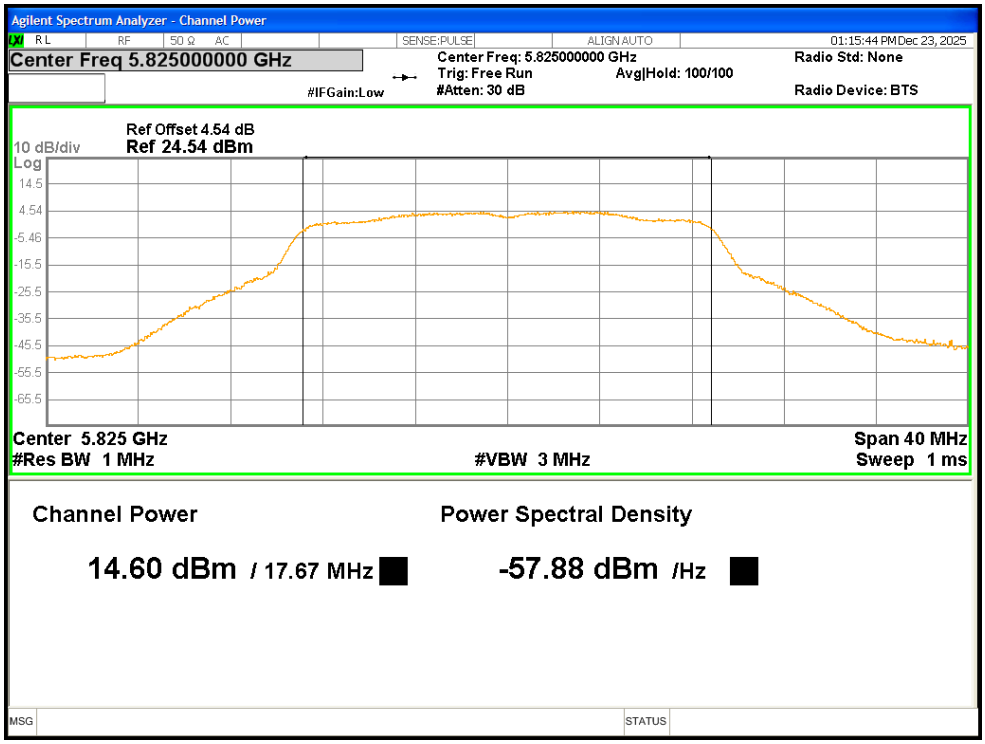
Power NVNT n20 5745MHz



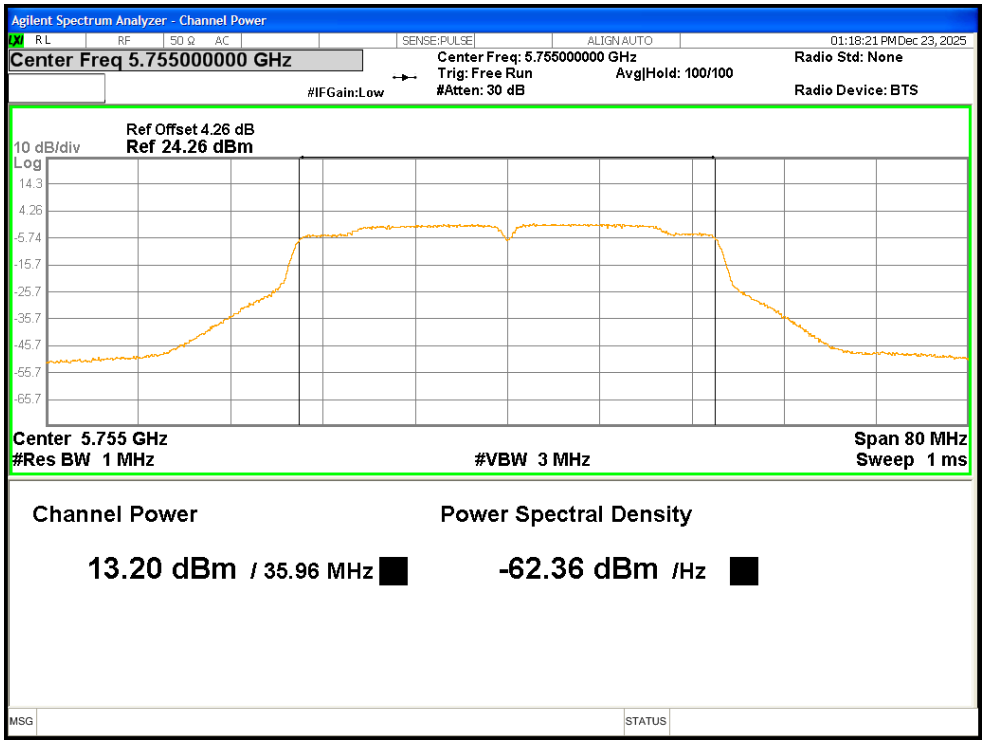
Power NVNT n20 5785MHz



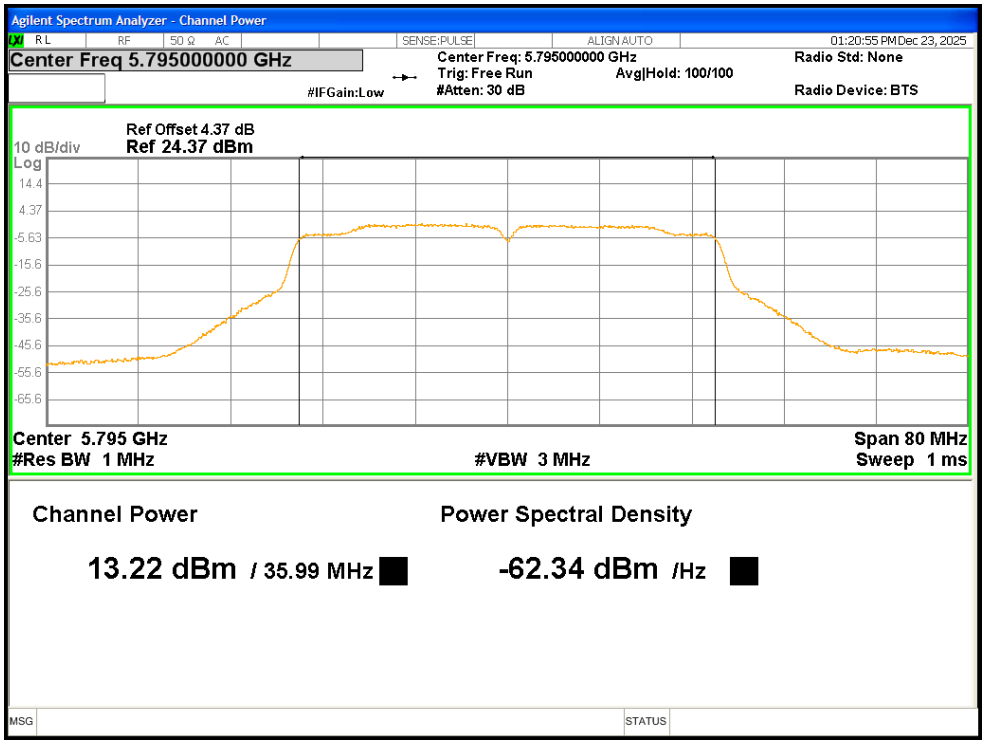
Power NVNT n20 5825MHz



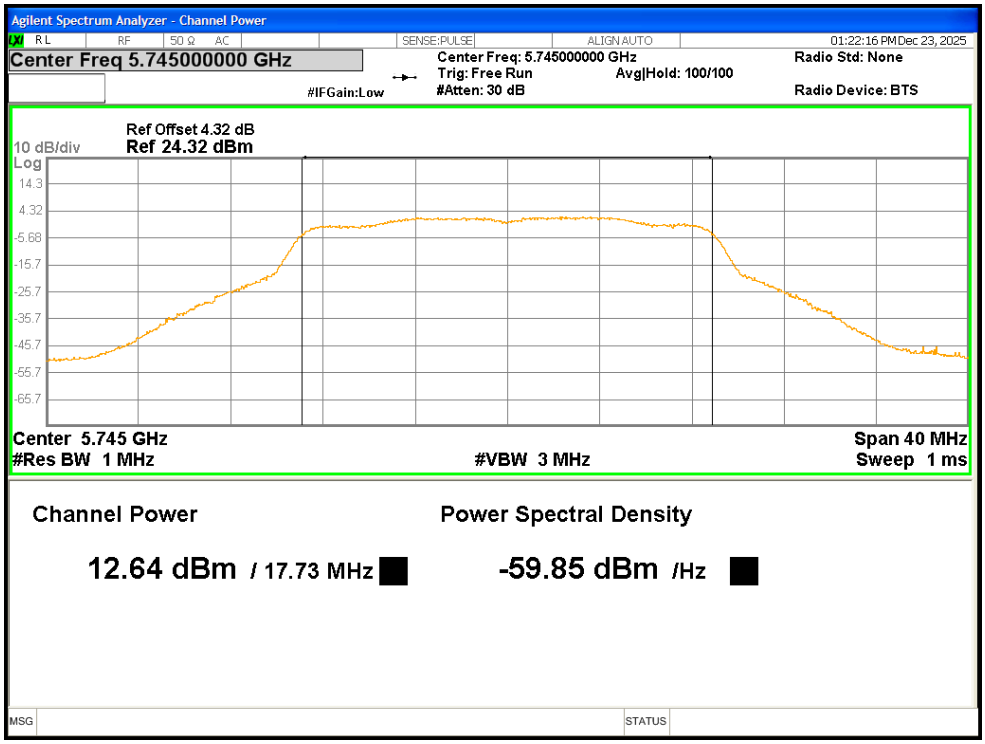
Power NVNT n40 5755MHz



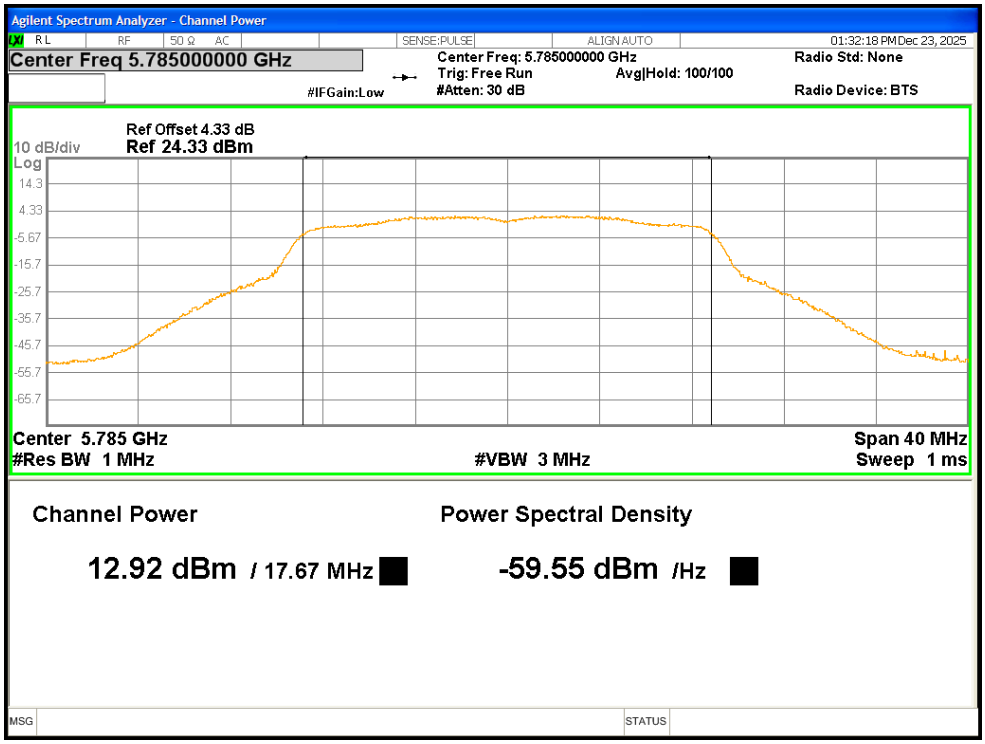
Power NVNT n40 5795MHz



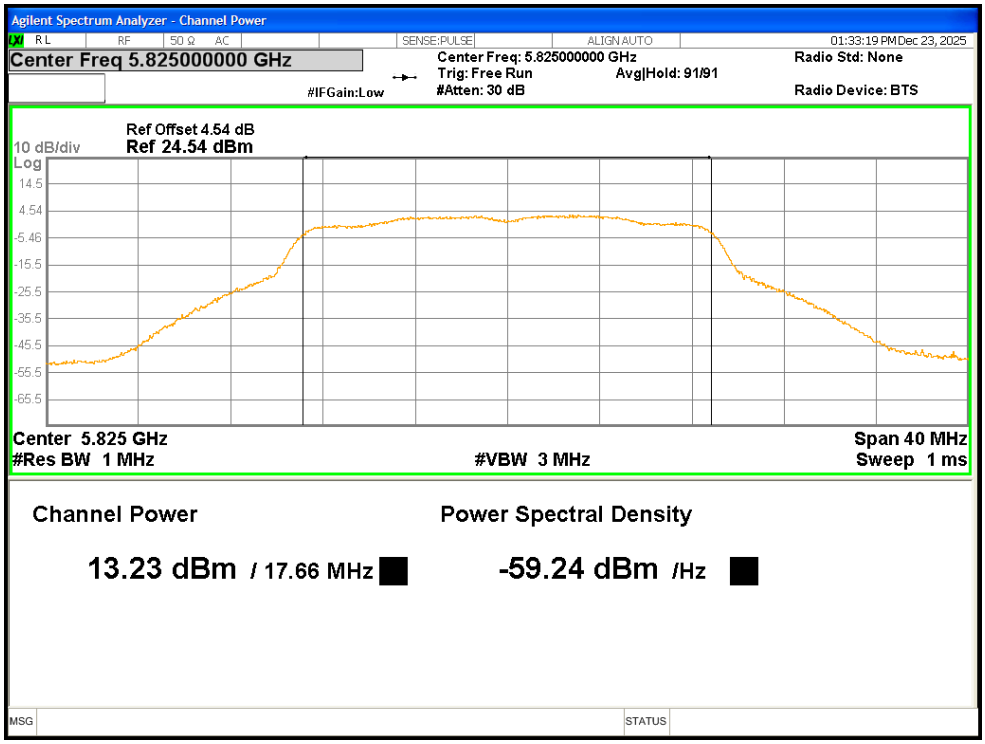
Power NVNT ac20 5745MHz



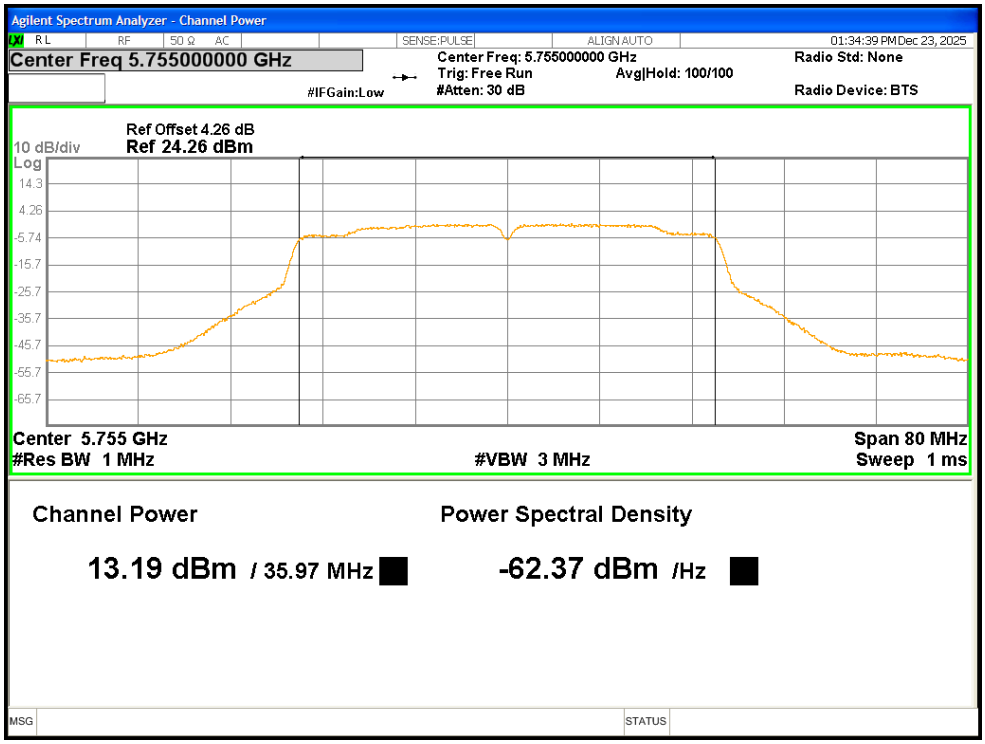
Power NVNT ac20 5785MHz



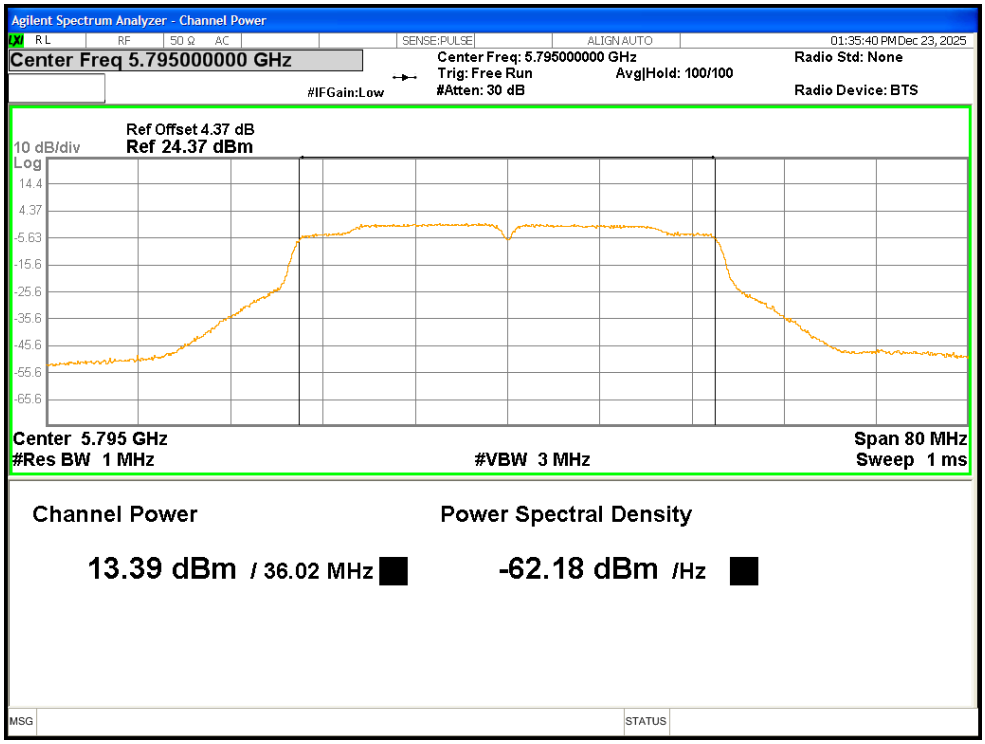
Power NVNT ac20 5825MHz



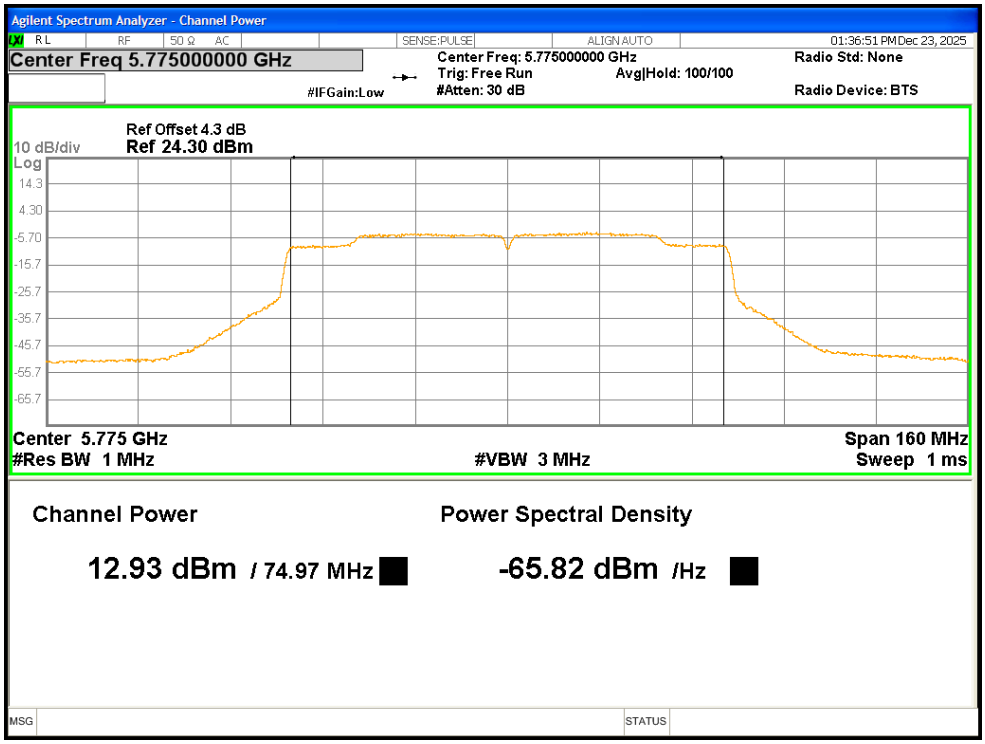
Power NVNT ac40 5755MHz



Power NVNT ac40 5795MHz



Power NVNT ac80 5775MHz

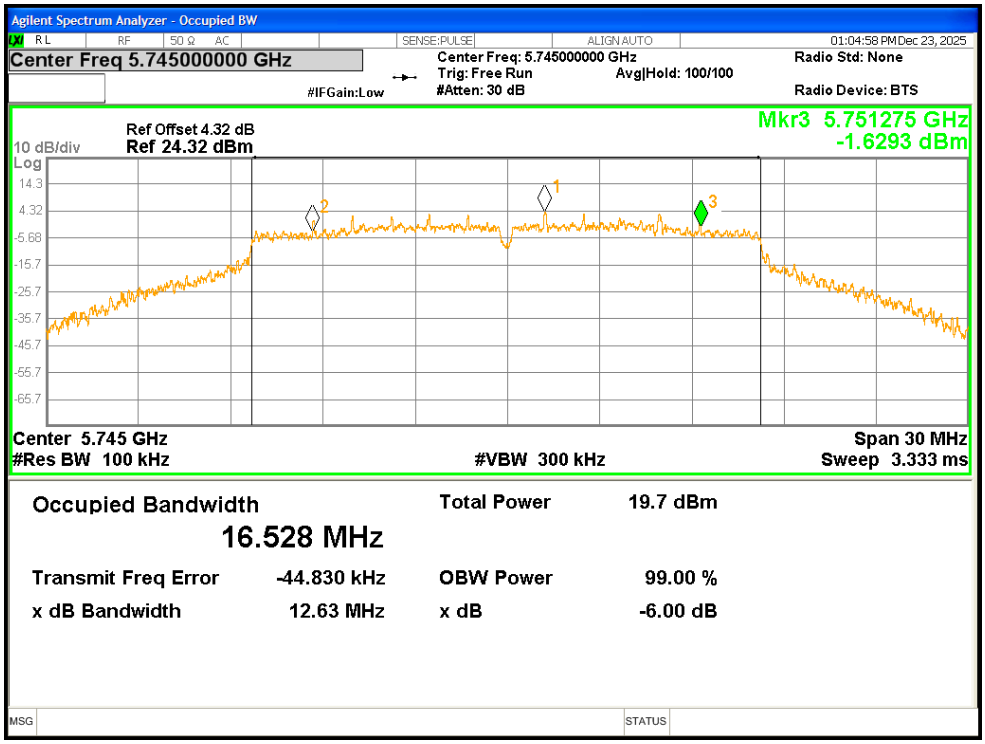


-6dB Bandwidth

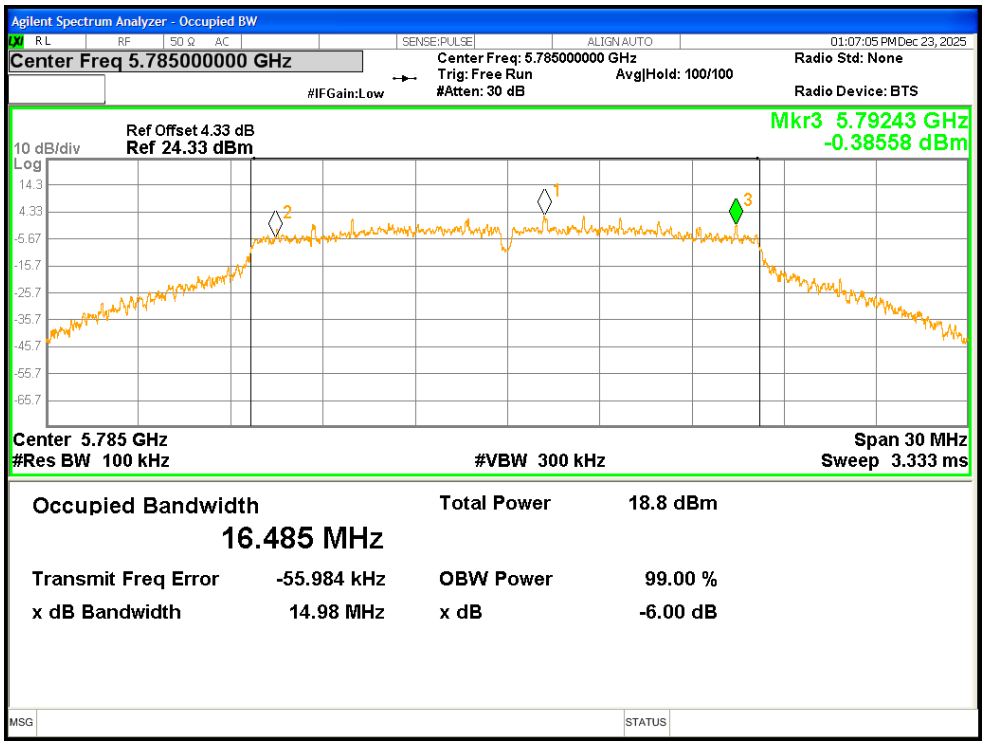
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	12.63	>=0.5	Pass
NVNT	a	5785	14.98	>=0.5	Pass
NVNT	a	5825	15.13	>=0.5	Pass
NVNT	n20	5745	15.08	>=0.5	Pass
NVNT	n20	5785	15.08	>=0.5	Pass
NVNT	n20	5825	15.08	>=0.5	Pass
NVNT	n40	5755	34.99	>=0.5	Pass
NVNT	n40	5795	33.82	>=0.5	Pass
NVNT	ac20	5745	15.11	>=0.5	Pass
NVNT	ac20	5785	12.97	>=0.5	Pass
NVNT	ac20	5825	15.03	>=0.5	Pass
NVNT	ac40	5755	32.58	>=0.5	Pass
NVNT	ac40	5795	32.61	>=0.5	Pass
NVNT	ac80	5775	62.48	>=0.5	Pass

Test Graphs

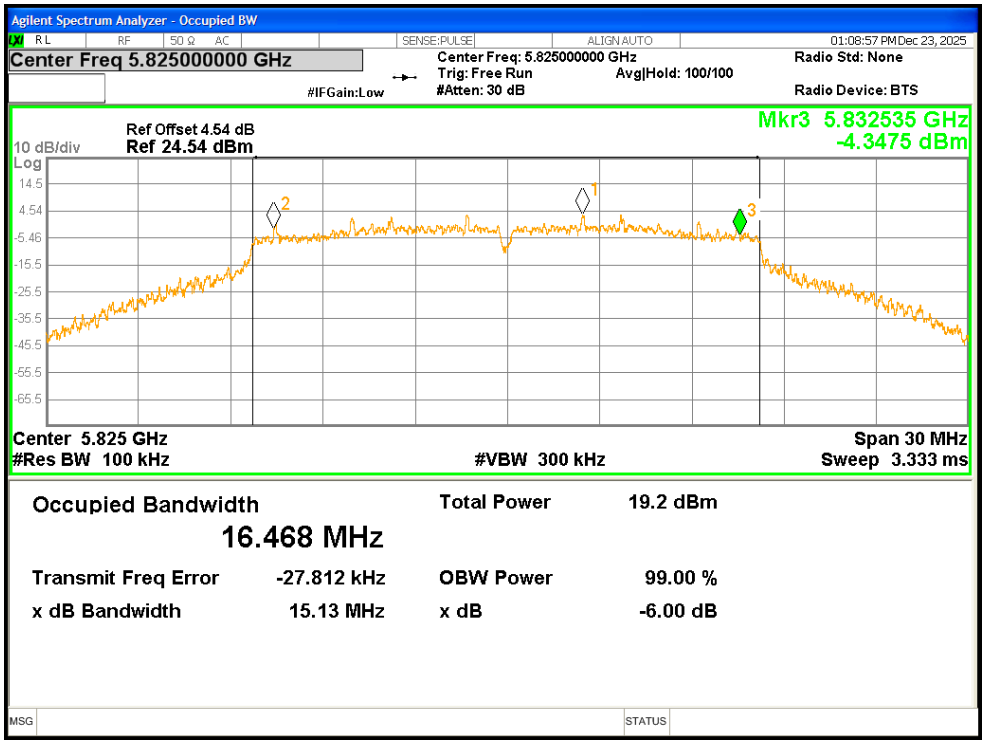
-6dB Bandwidth NVNT a 5745MHz



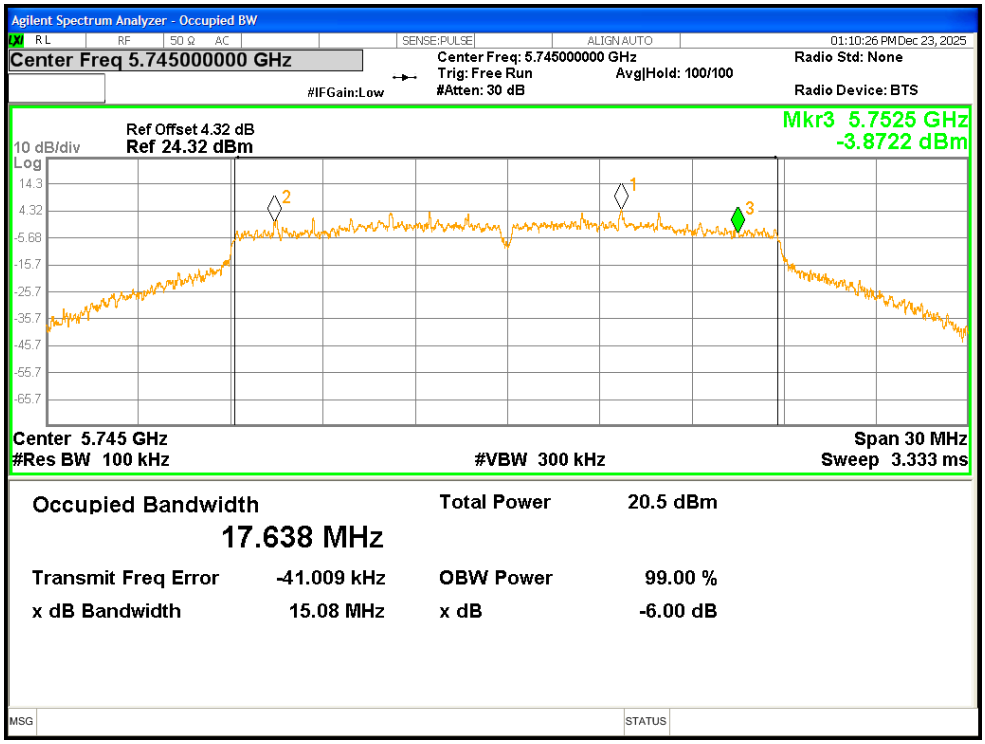
-6dB Bandwidth NVNT a 5785MHz



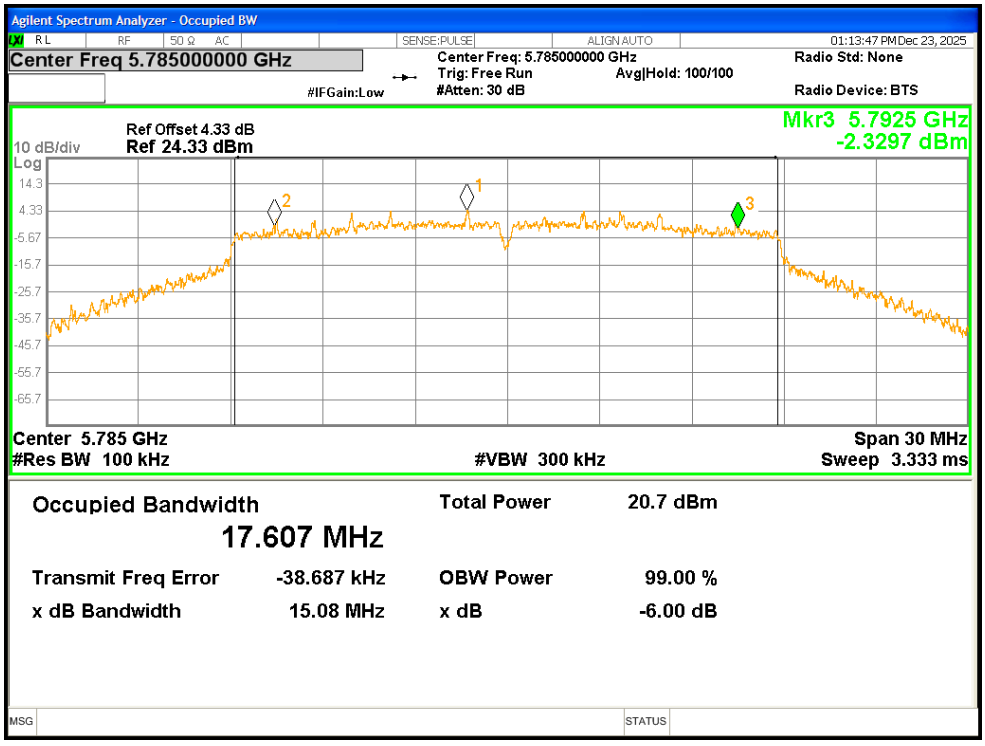
-6dB Bandwidth NVNT a 5825MHz



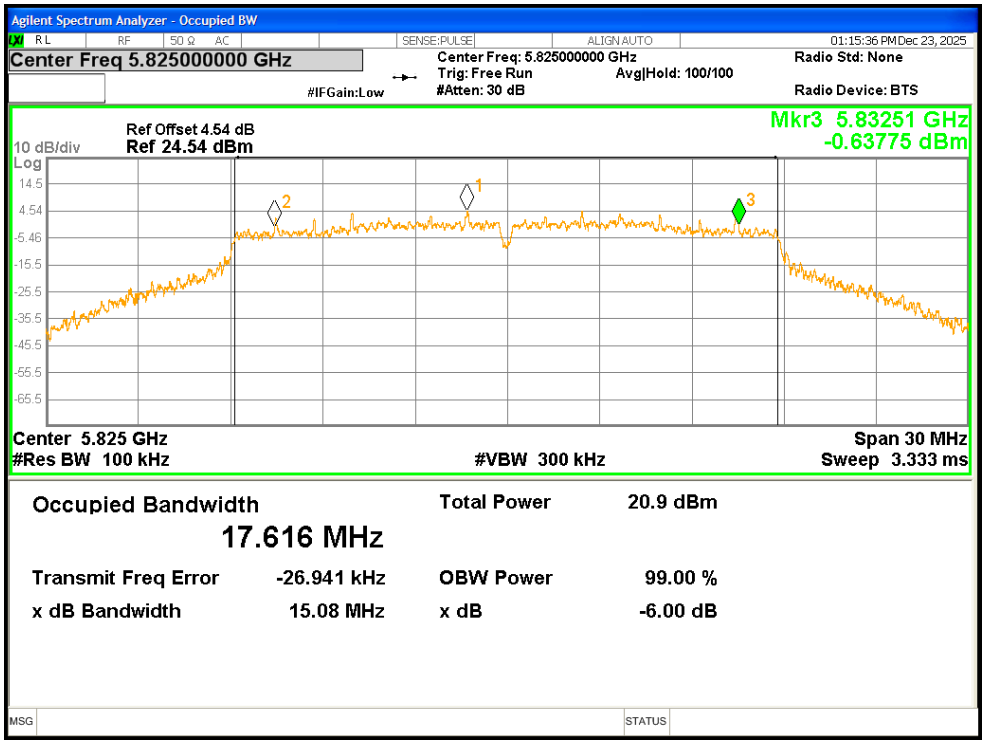
-6dB Bandwidth NVNT n20 5745MHz



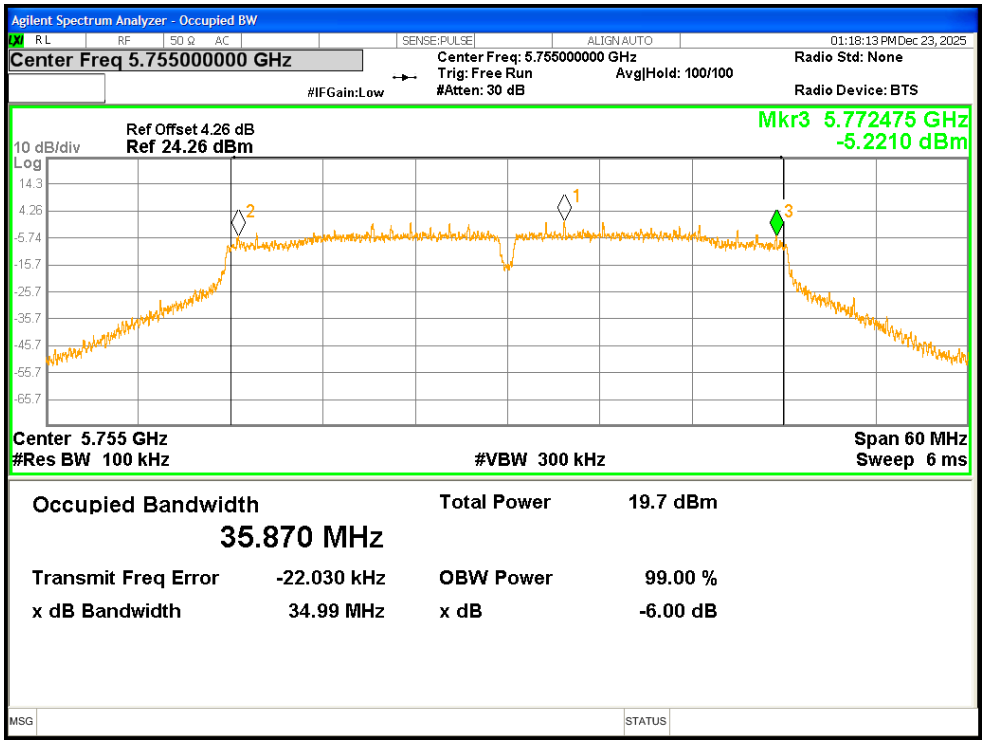
-6dB Bandwidth NVNT n20 5785MHz



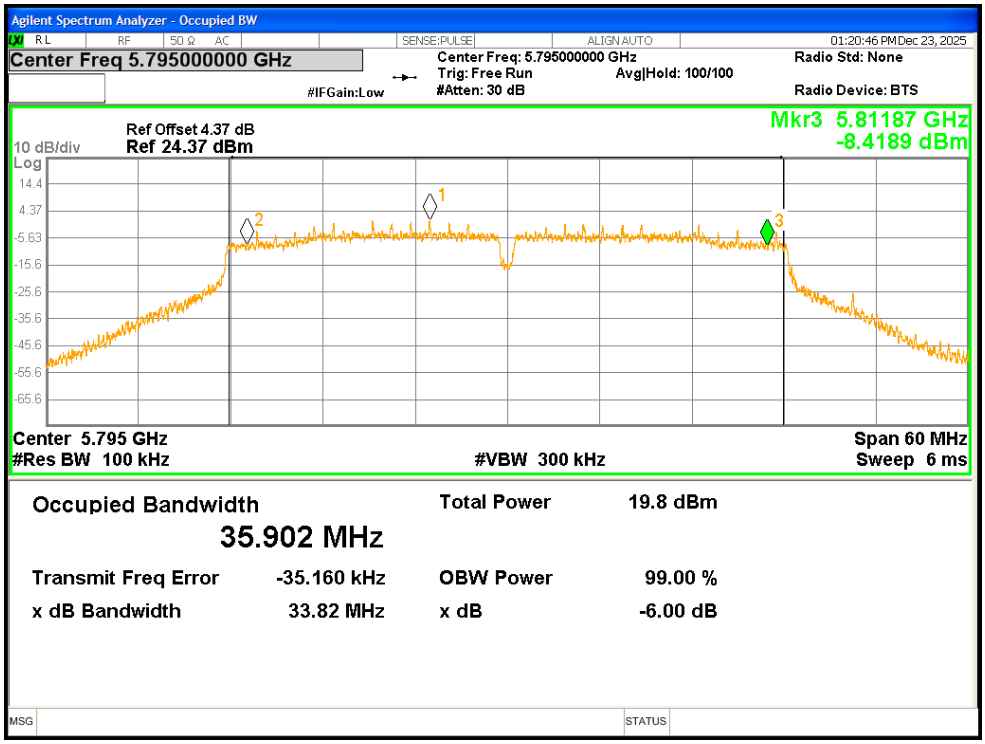
-6dB Bandwidth NVNT n20 5825MHz



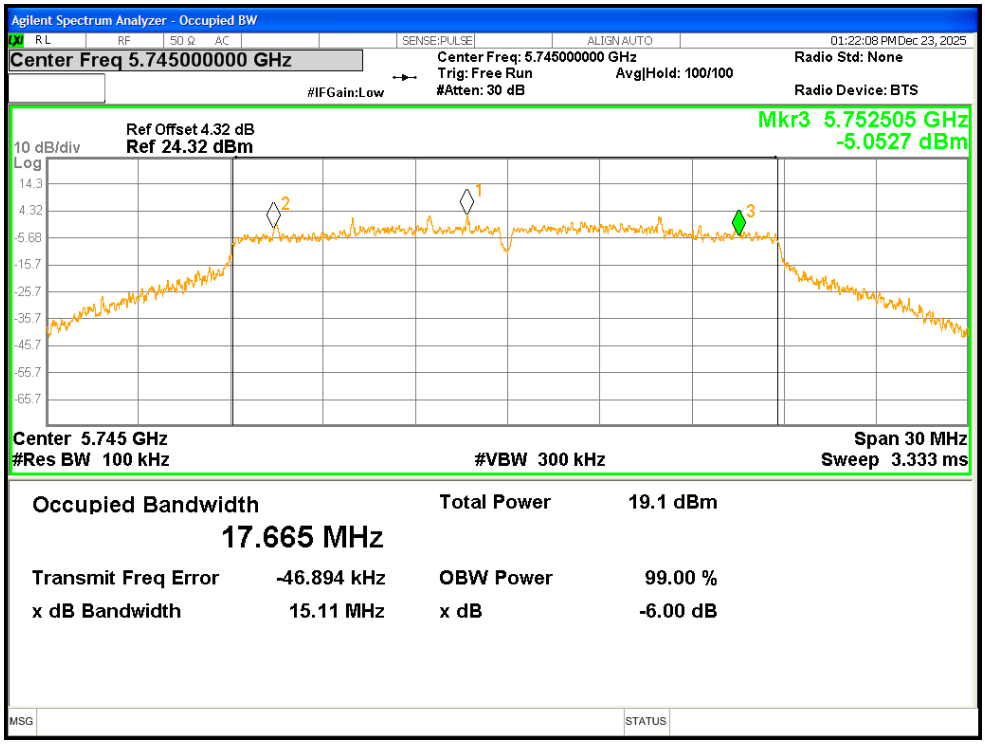
-6dB Bandwidth NVNT n40 5755MHz



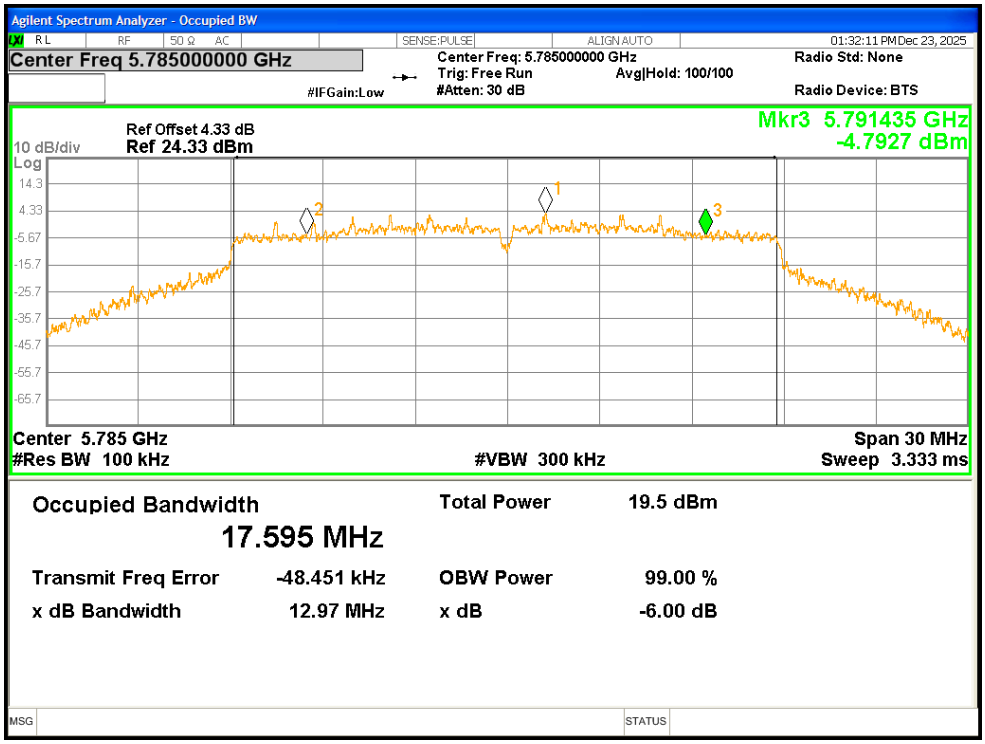
-6dB Bandwidth NVNT n40 5795MHz



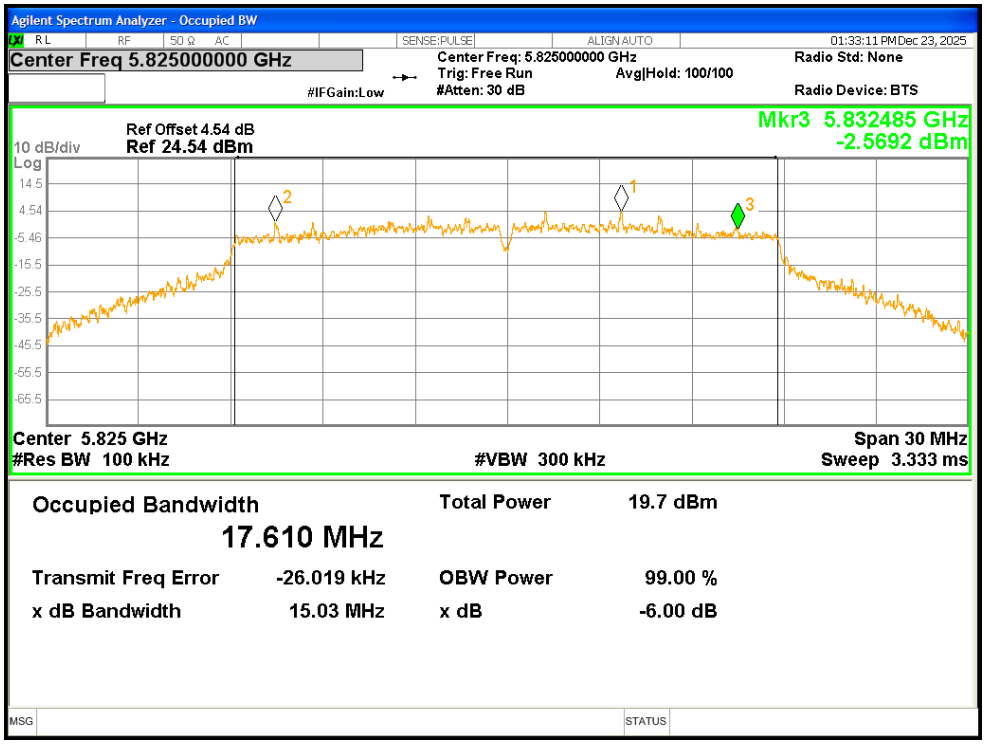
-6dB Bandwidth NVNT ac20 5745MHz



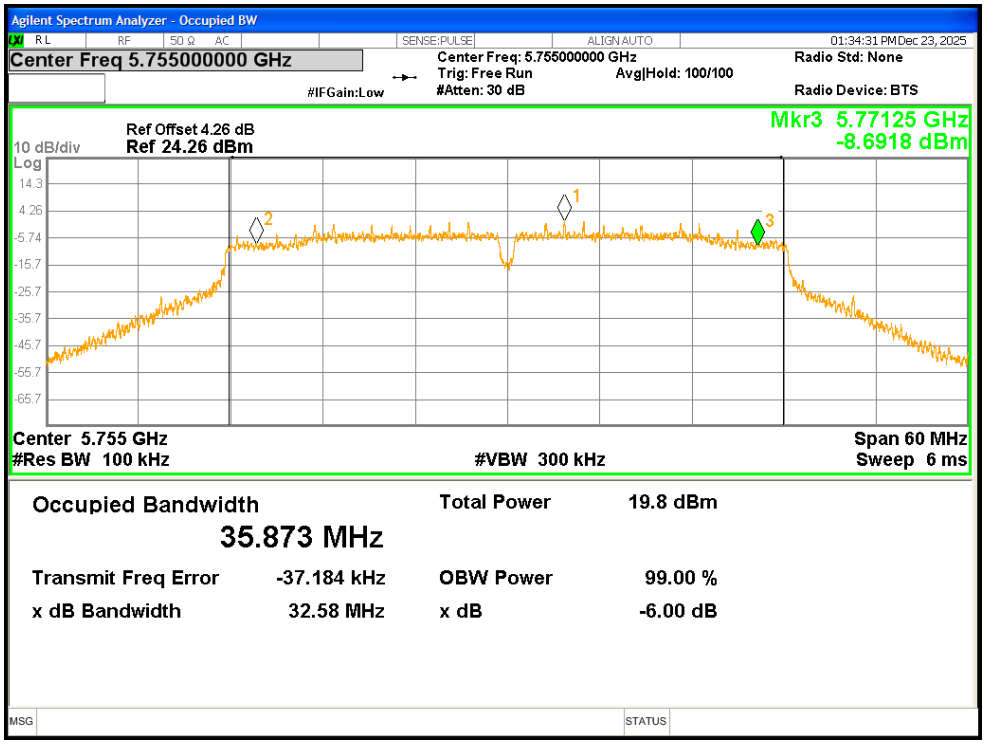
-6dB Bandwidth NVNT ac20 5785MHz



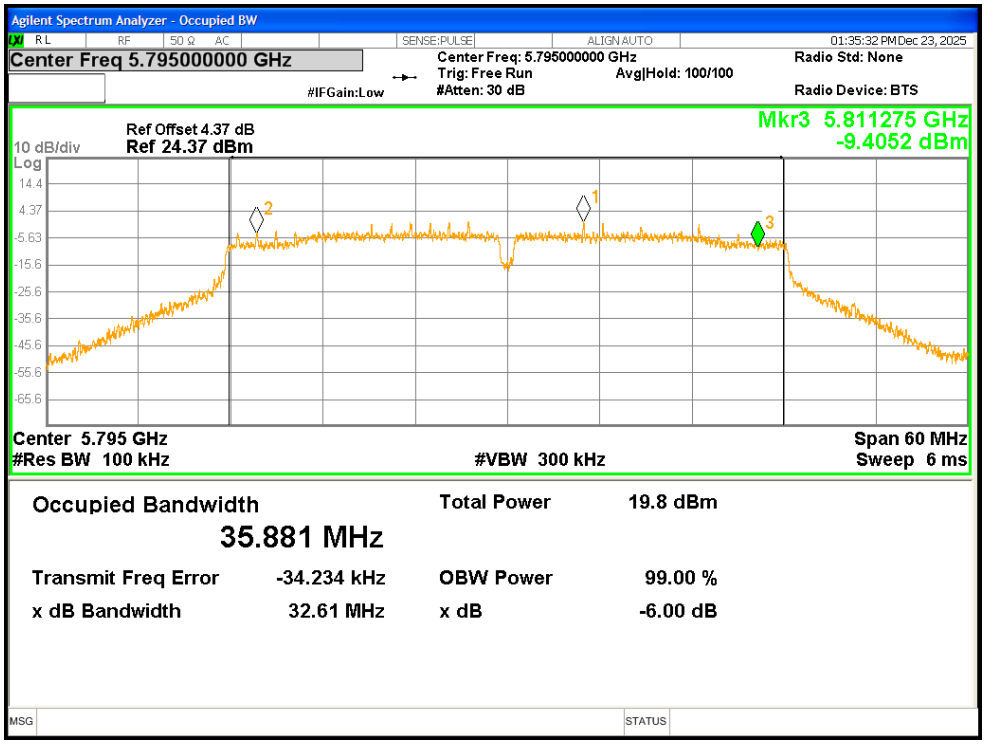
-6dB Bandwidth NVNT ac20 5825MHz



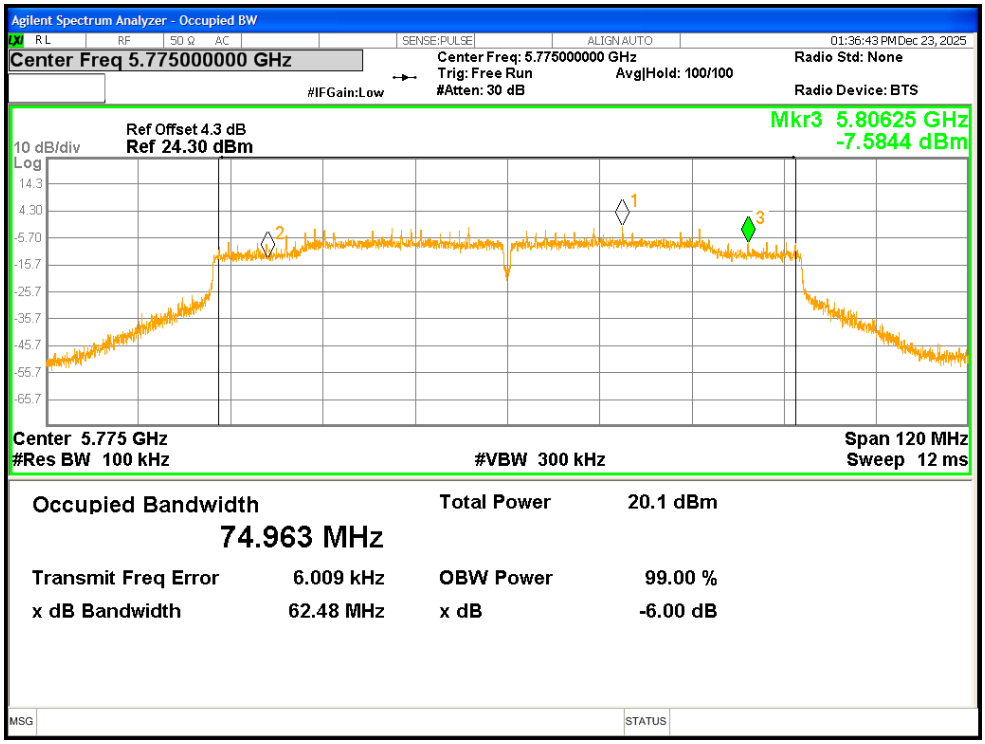
-6dB Bandwidth NVNT ac40 5755MHz



-6dB Bandwidth NVNT ac40 5795MHz



-6dB Bandwidth NVNT ac80 5775MHz

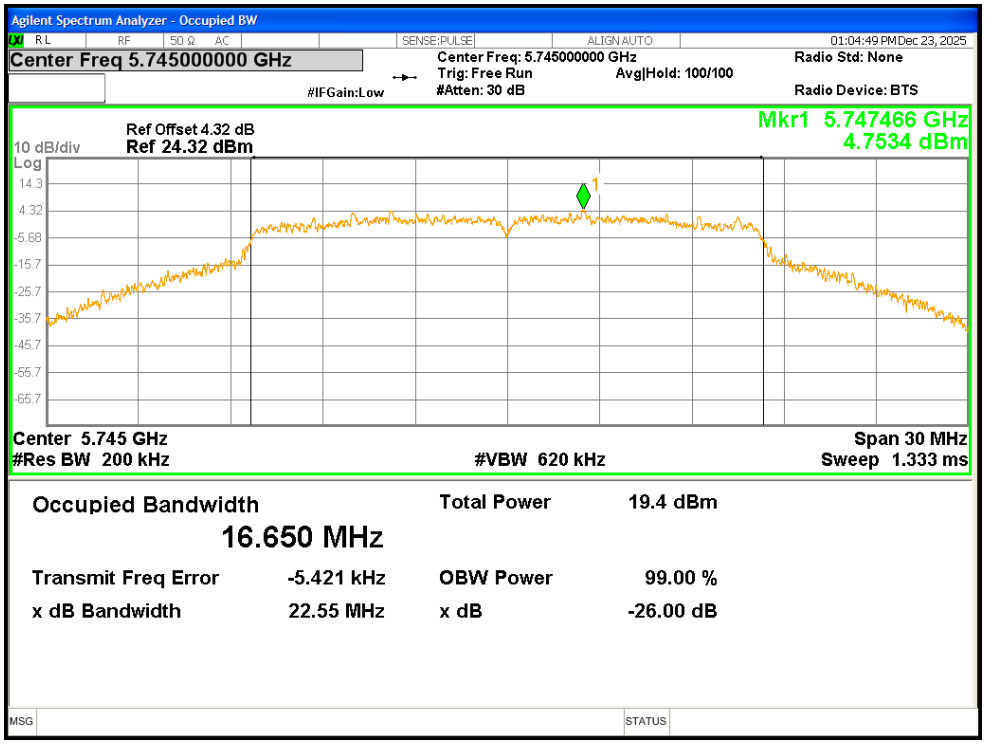


Occupied Channel Bandwidth

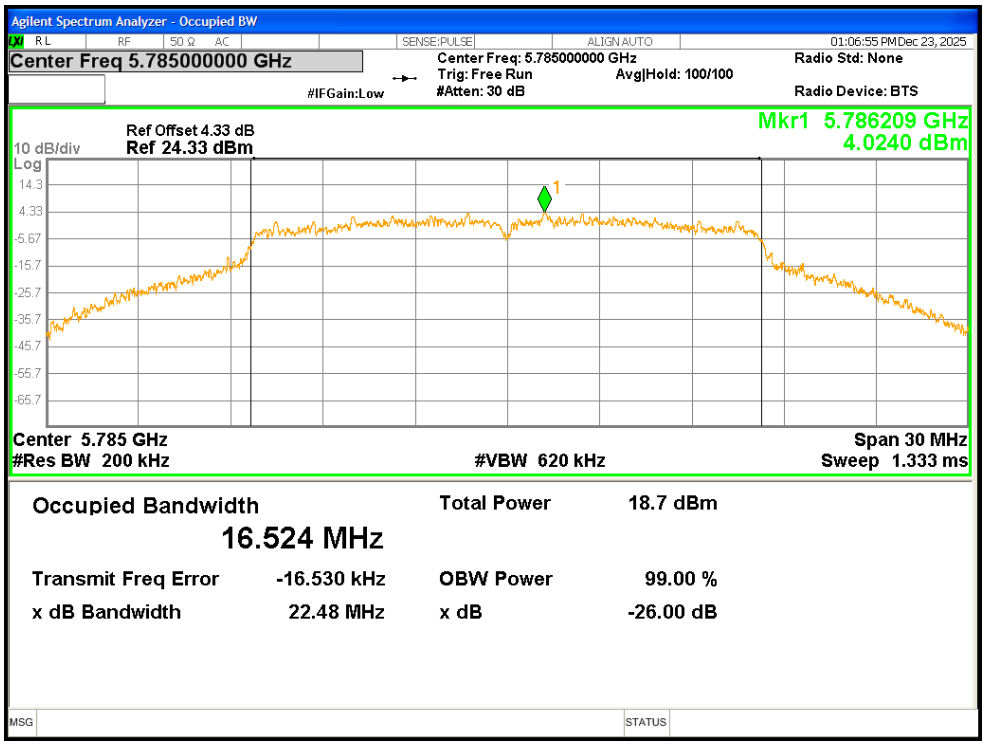
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.65
NVNT	a	5785	16.524
NVNT	a	5825	16.544
NVNT	n20	5745	17.708
NVNT	n20	5785	17.641
NVNT	n20	5825	17.673
NVNT	n40	5755	35.96
NVNT	n40	5795	35.985
NVNT	ac20	5745	17.733
NVNT	ac20	5785	17.665
NVNT	ac20	5825	17.657
NVNT	ac40	5755	35.967
NVNT	ac40	5795	36.02
NVNT	ac80	5775	74.965

Test Graphs

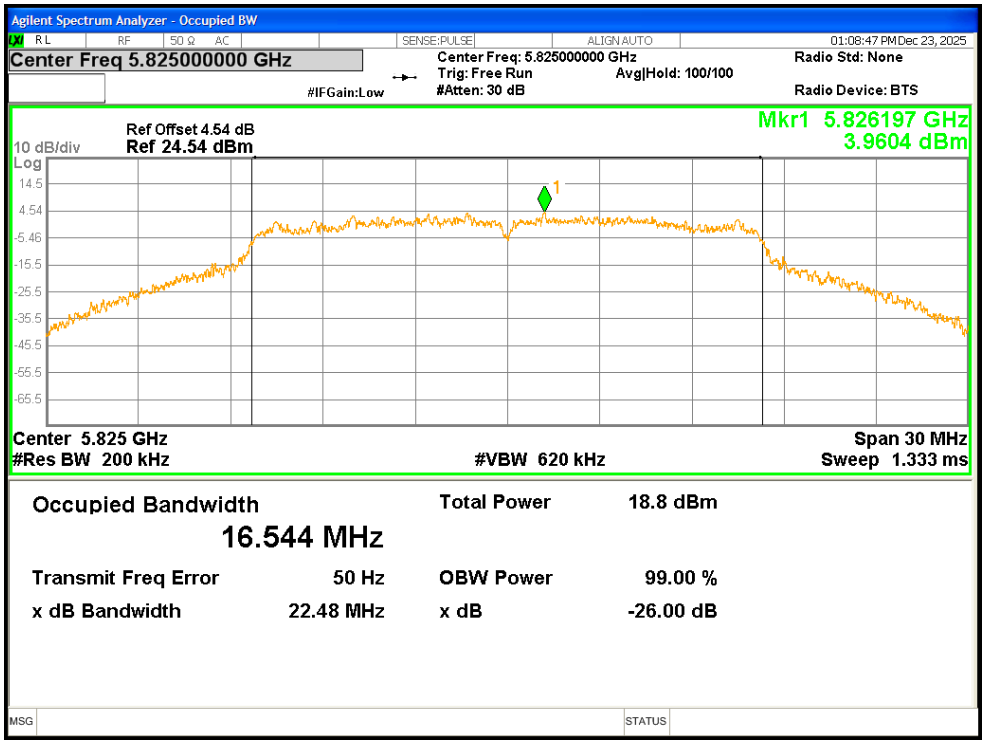
OBW NVNT a 5745MHz



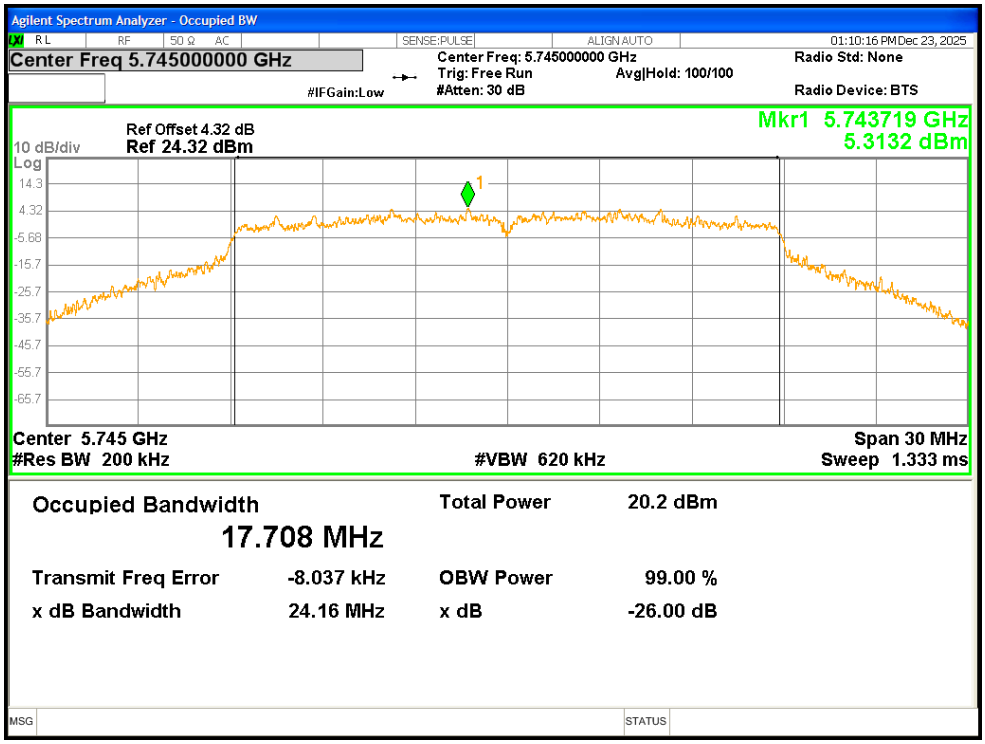
OBW NVNT a 5785MHz



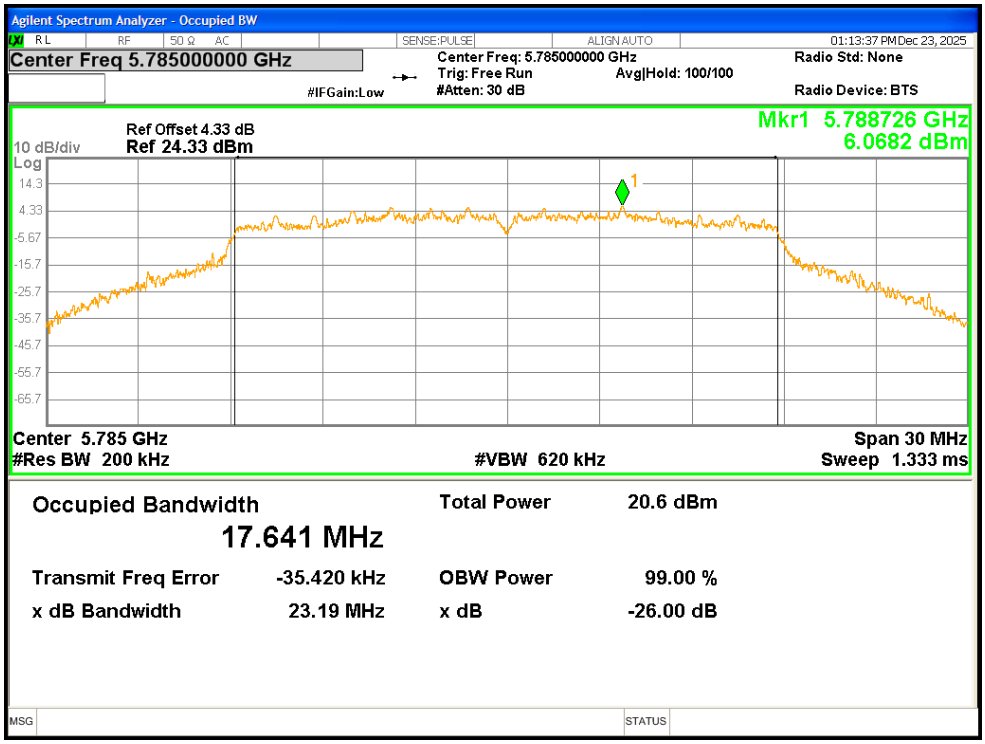
OBW NVNT a 5825MHz



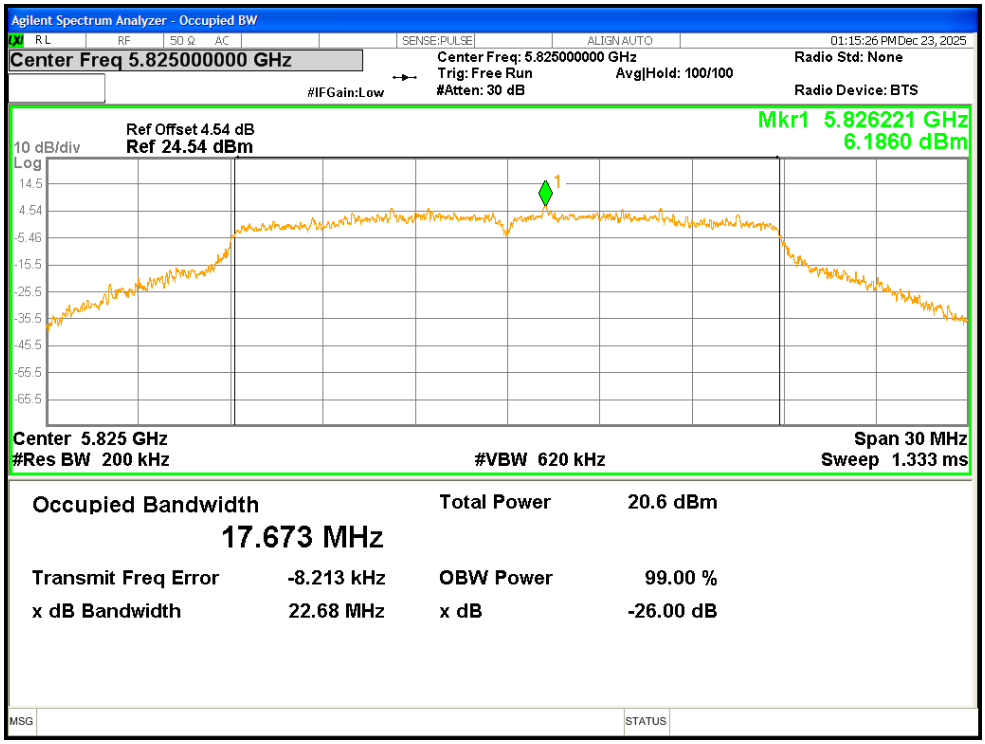
OBW NVNT n20 5745MHz



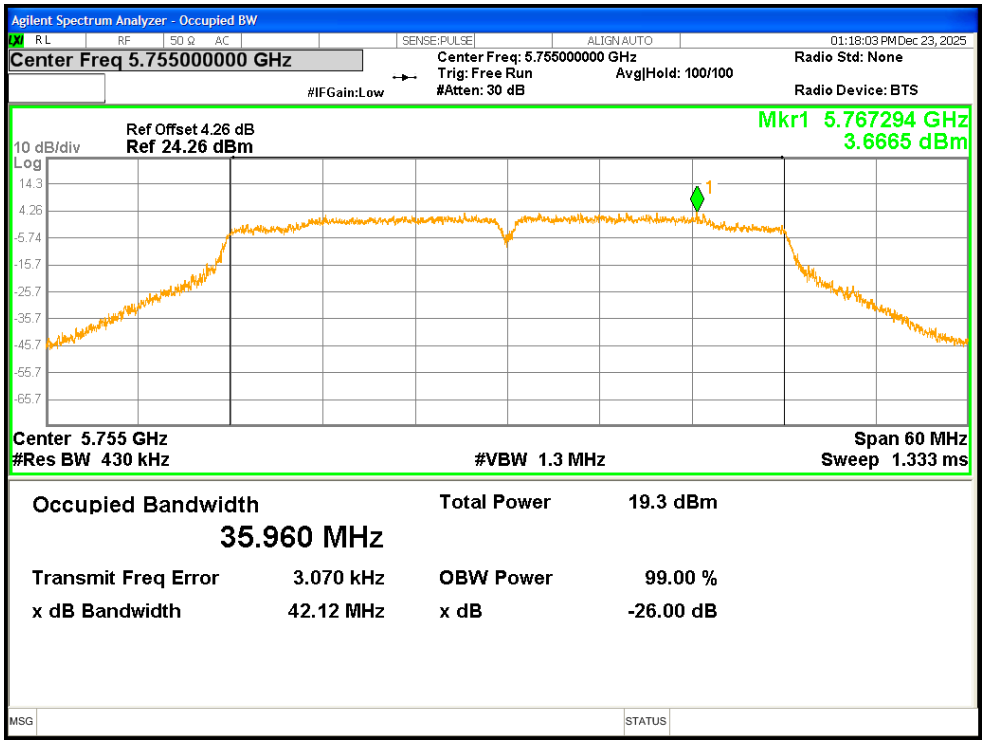
OBW NVNT n20 5785MHz



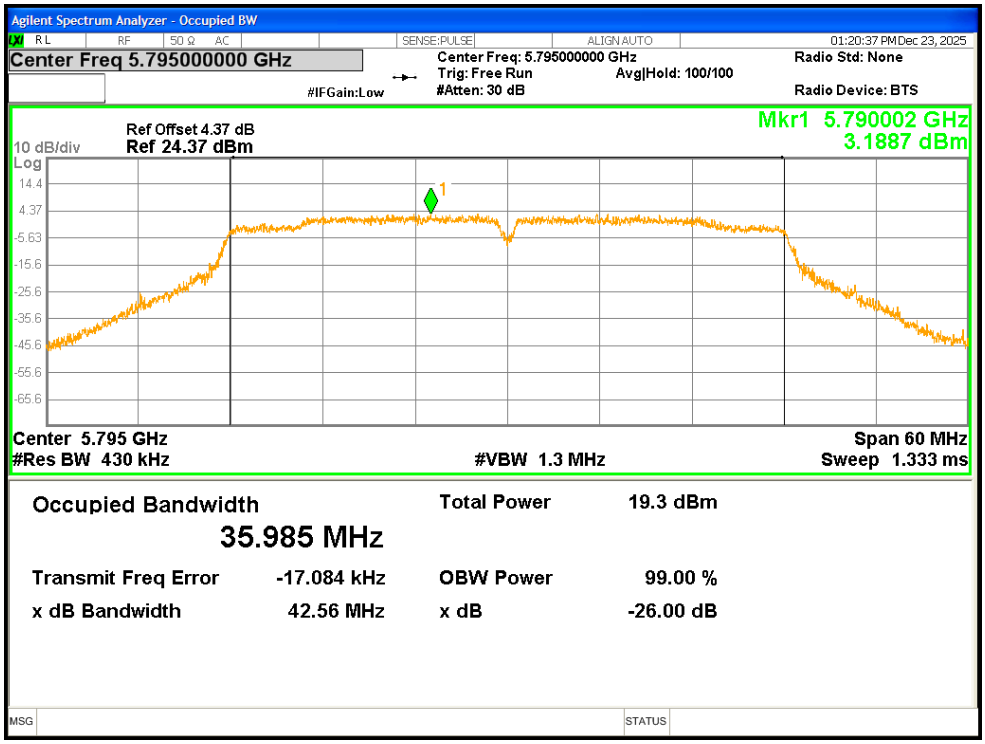
OBW NVNT n20 5825MHz



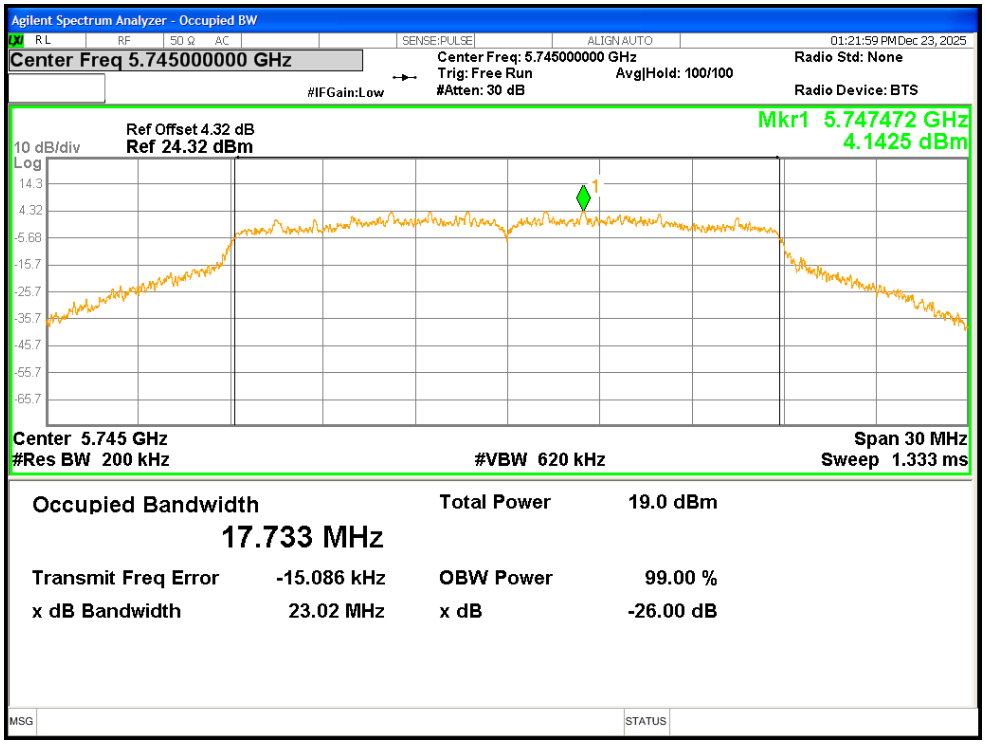
OBW NVNT n40 5755MHz



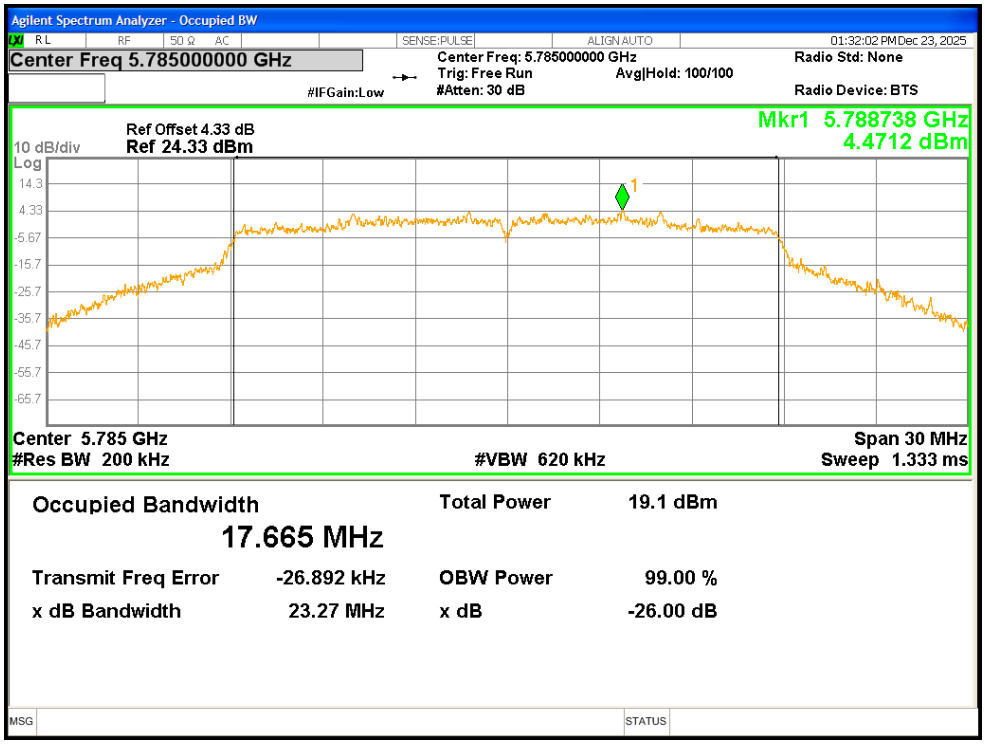
OBW NVNT n40 5795MHz



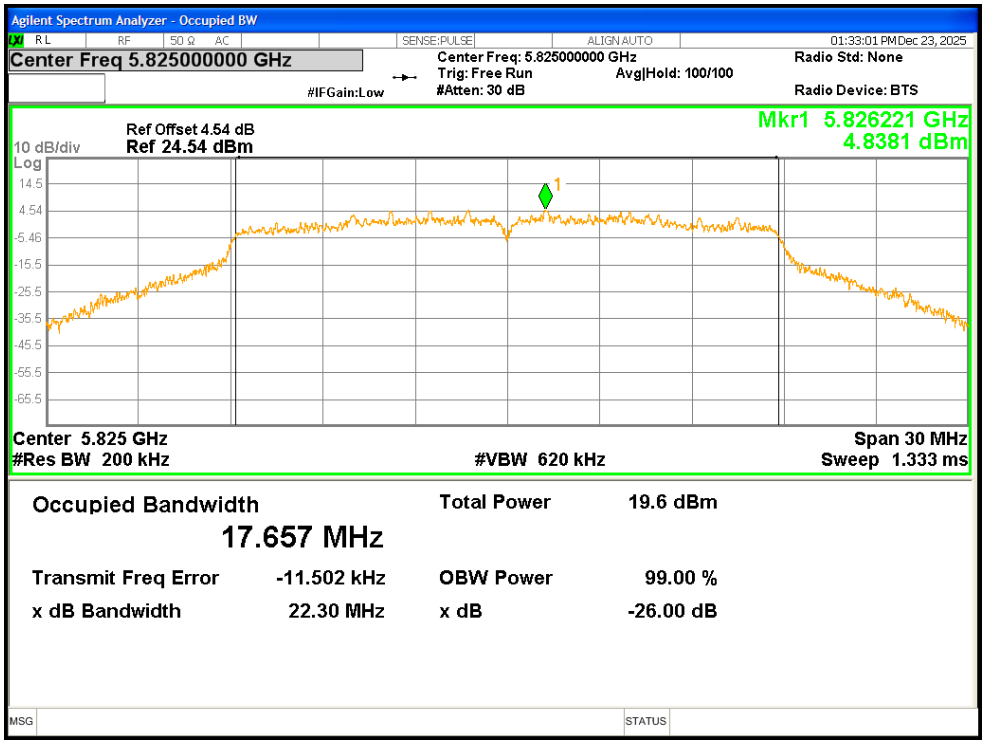
OBW NVNT ac20 5745MHz



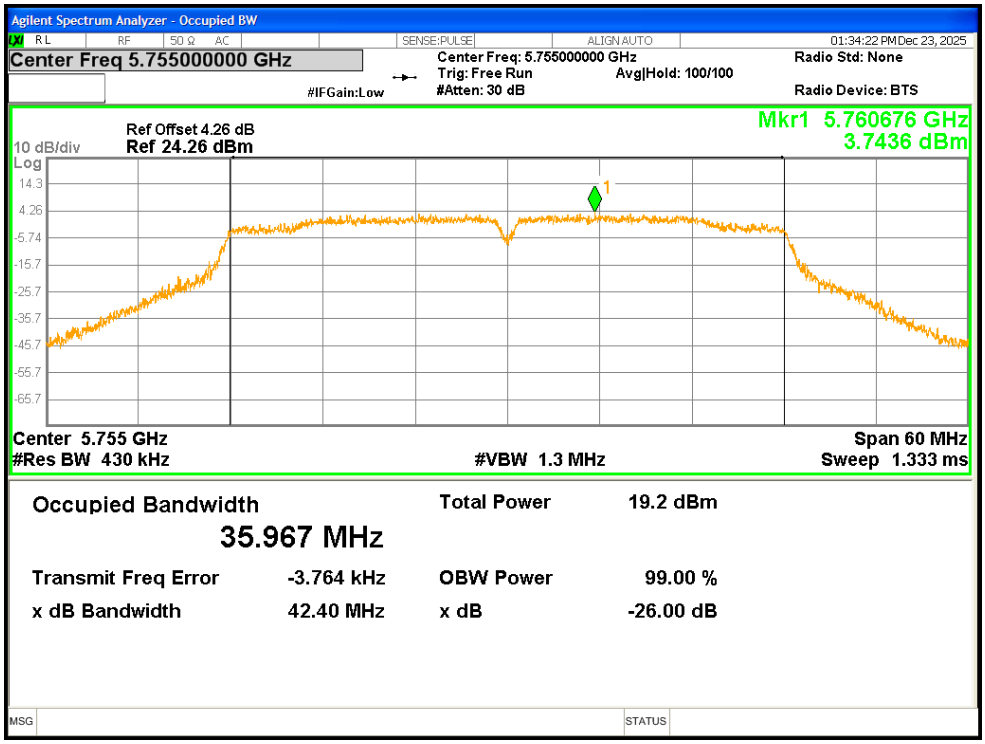
OBW NVNT ac20 5785MHz



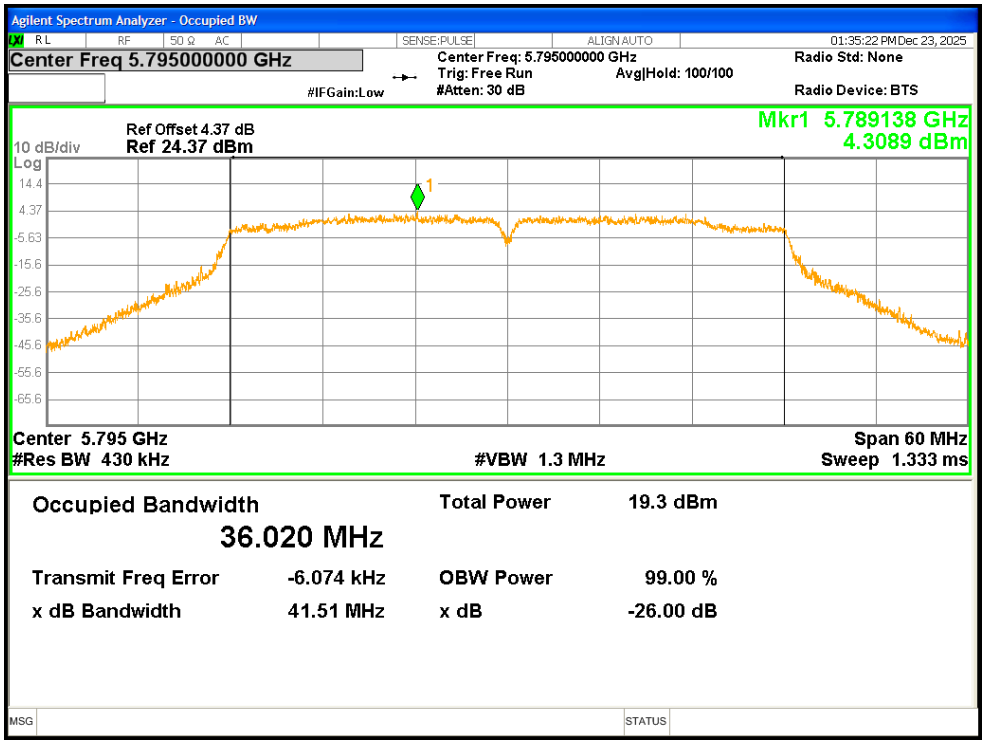
OBW NVNT ac20 5825MHz



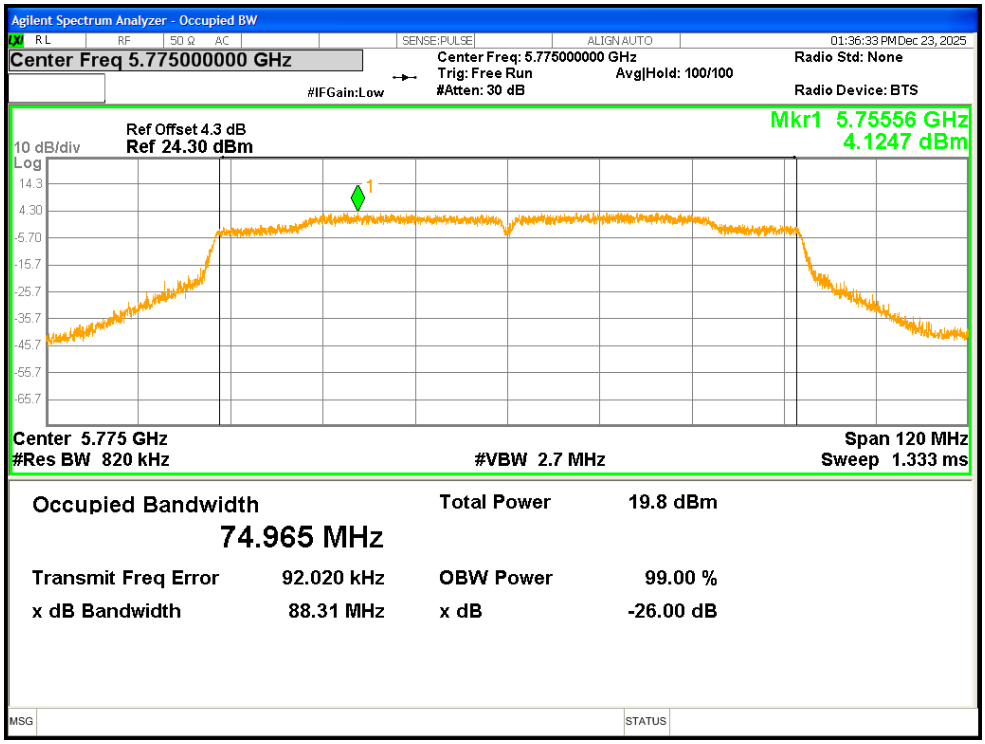
OBW NVNT ac40 5755MHz



OBW NVNT ac40 5795MHz



OBW NVNT ac80 5775MHz

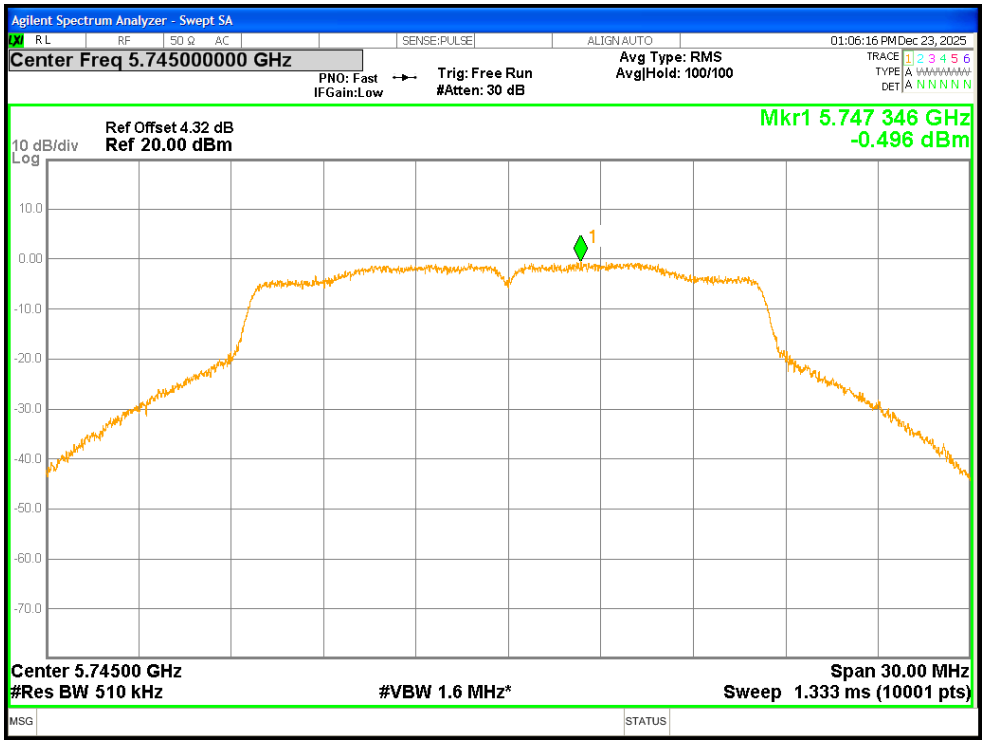


Maximum Power Spectral Density Level

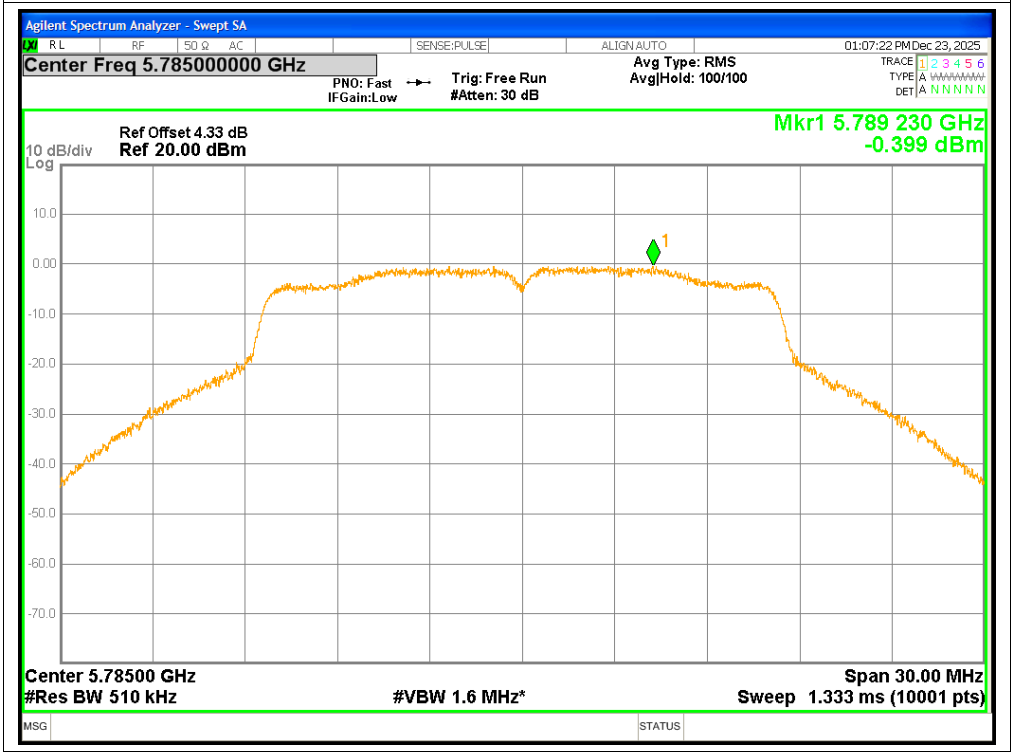
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	Total PSD (dBm/510kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	-0.496	0.26	-0.236	-0.32	<=30	Pass
NVNT	a	5785	-0.399	0.25	-0.149	-0.24	<=30	Pass
NVNT	a	5825	-0.059	0.27	0.211	0.12	<=30	Pass
NVNT	n20	5745	0.922	0.25	1.172	1.09	<=30	Pass
NVNT	n20	5785	1.468	0.25	1.718	1.63	<=30	Pass
NVNT	n20	5825	1.915	0.25	2.165	2.08	<=30	Pass
NVNT	n40	5755	-2.827	0.24	-2.587	-2.67	<=30	Pass
NVNT	n40	5795	-3.046	0.25	-2.796	-2.88	<=30	Pass
NVNT	ac20	5745	-0.275	0.24	-0.035	-0.12	<=30	Pass
NVNT	ac20	5785	0.039	0.24	0.279	0.19	<=30	Pass
NVNT	ac20	5825	0.297	0.24	0.537	0.45	<=30	Pass
NVNT	ac40	5755	-2.75	0.26	-2.49	-2.58	<=30	Pass
NVNT	ac40	5795	-2.771	0.27	-2.501	-2.59	<=30	Pass
NVNT	ac80	5775	-6.211	0.26	-5.951	-6.04	<=30	Pass

Test Graphs

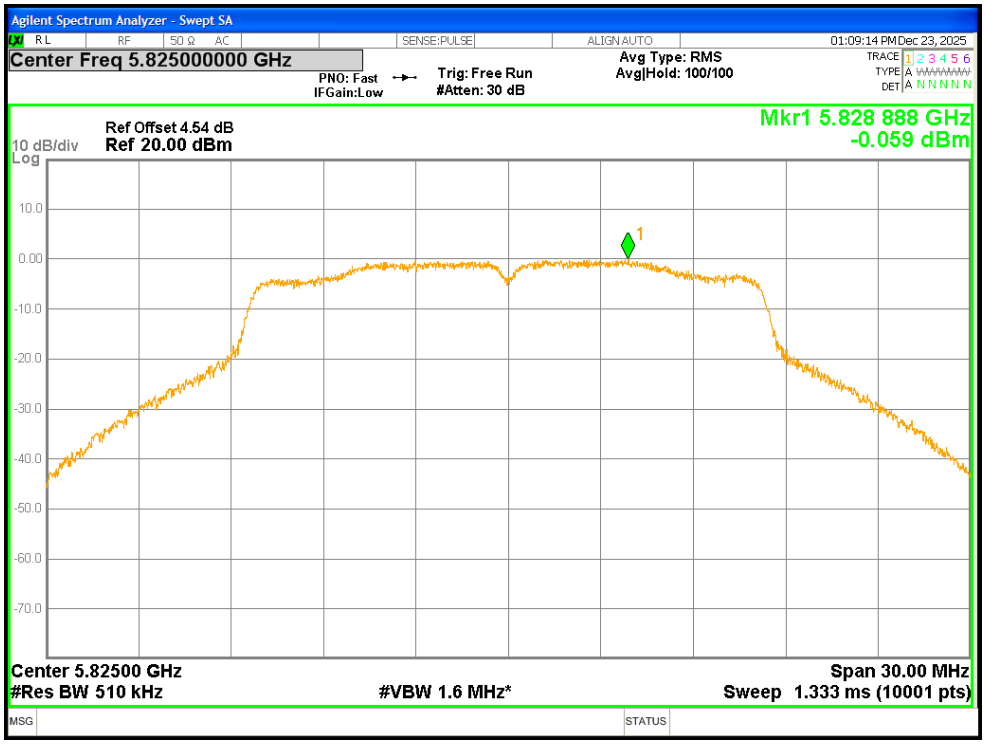
PSD NVNT a 5745MHz



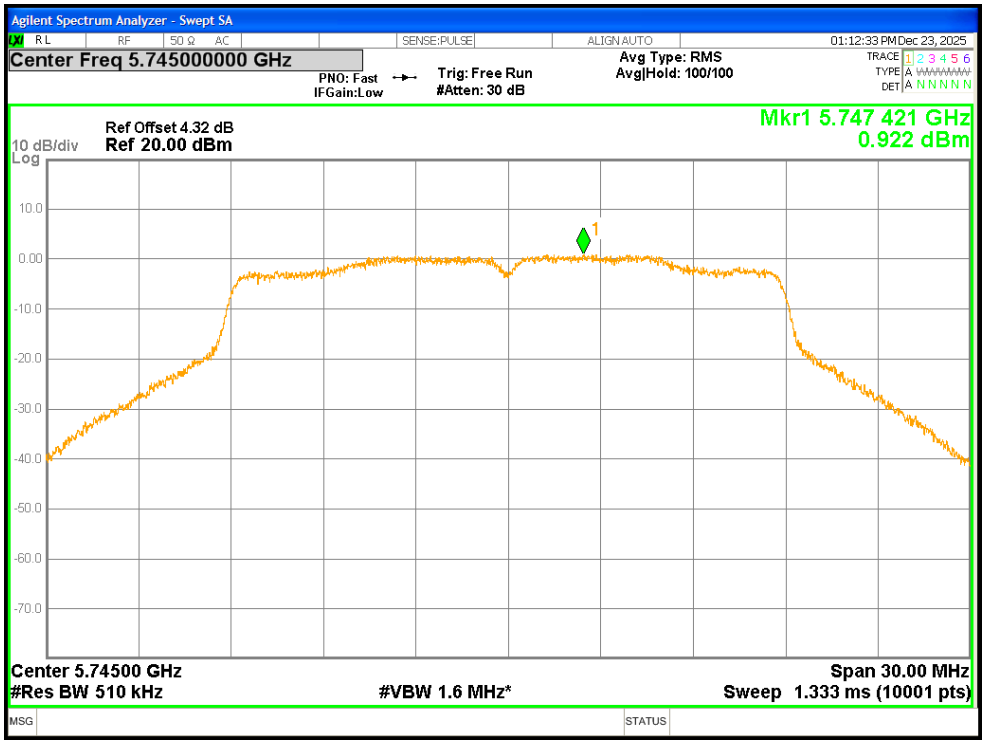
PSD NVNT a 5785MHz



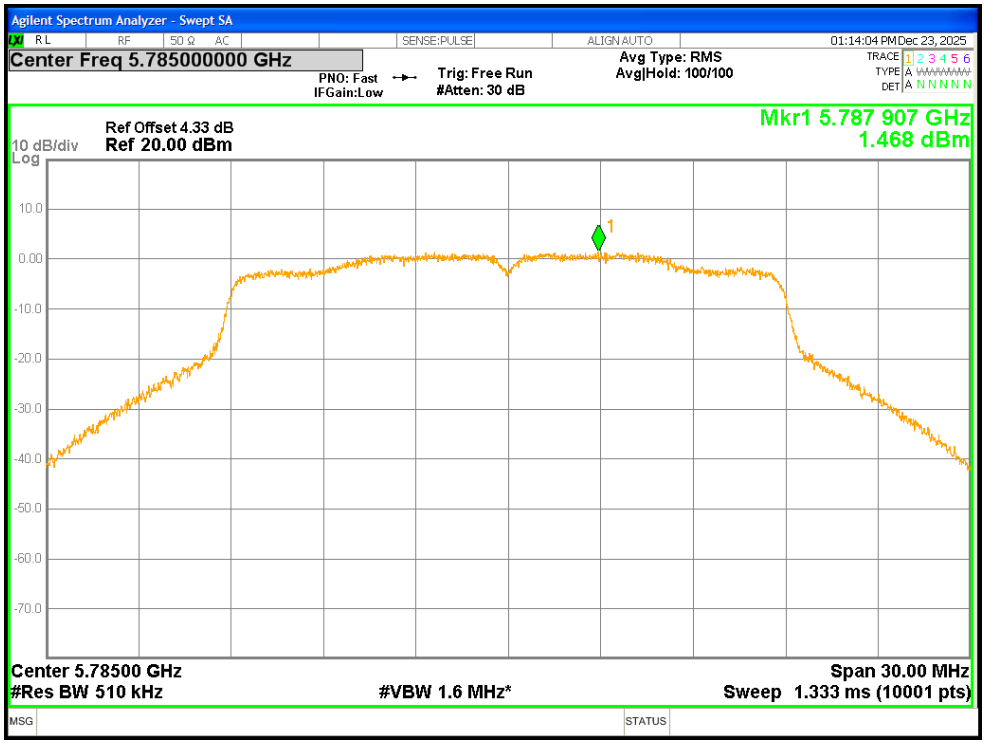
PSD NVNT a 5825MHz



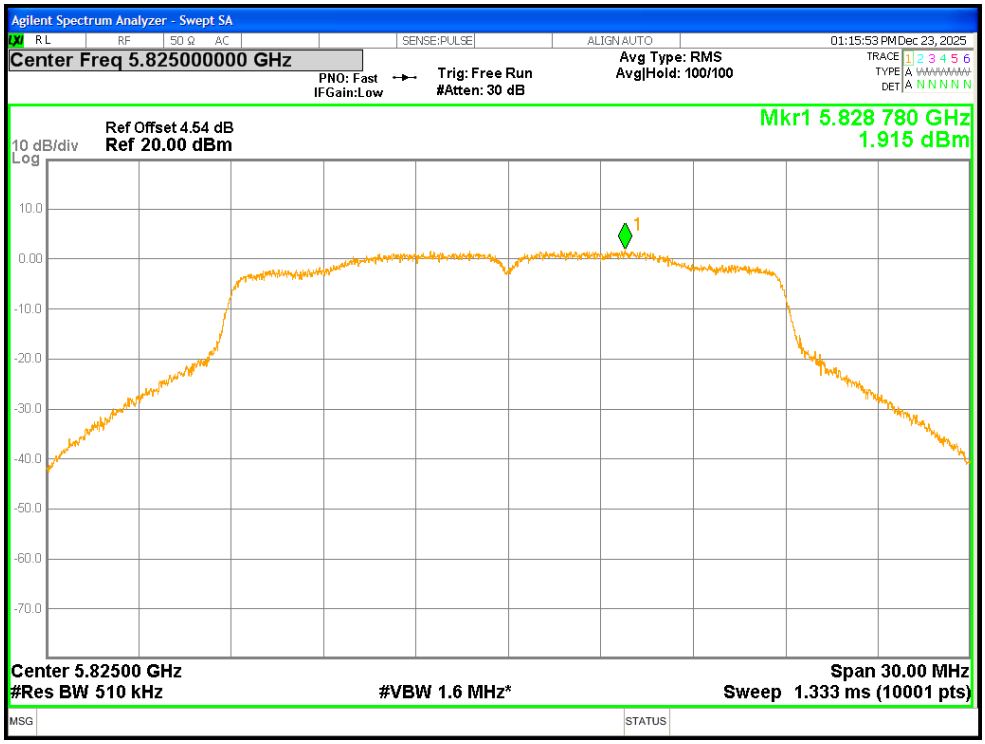
PSD NVNT n20 5745MHz



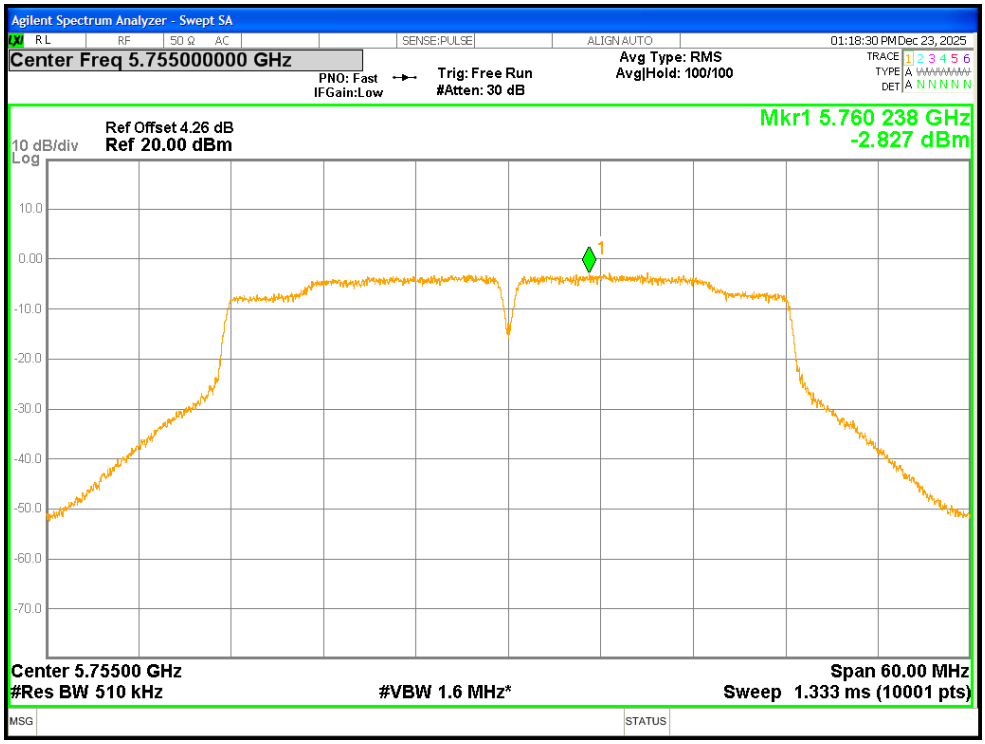
PSD NVNT n20 5785MHz



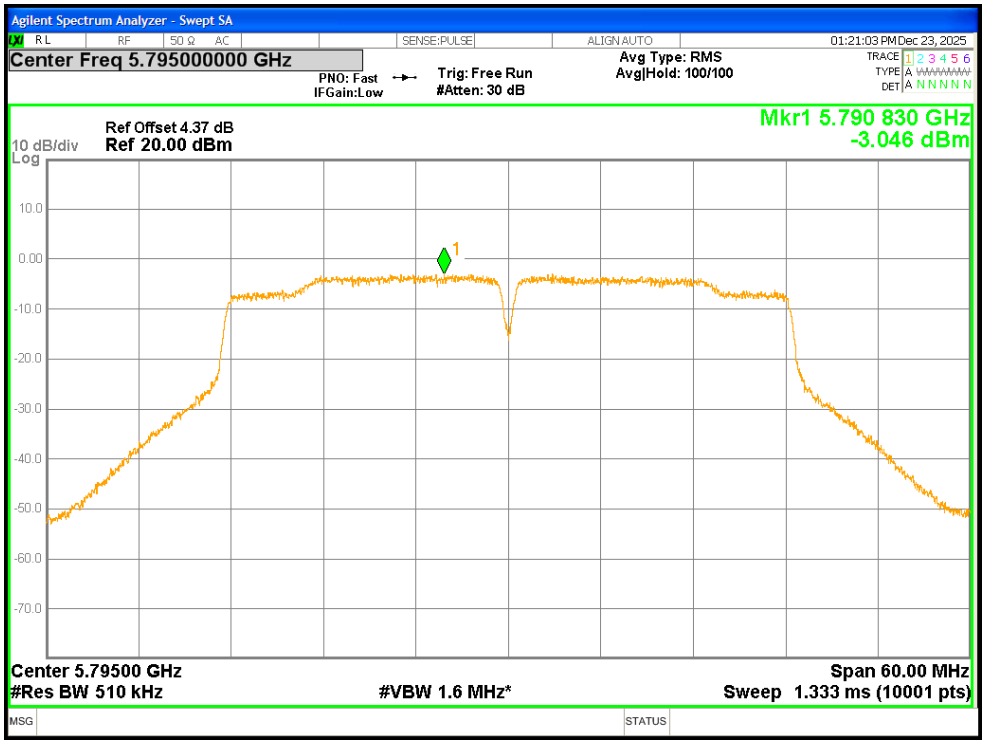
PSD NVNT n20 5825MHz



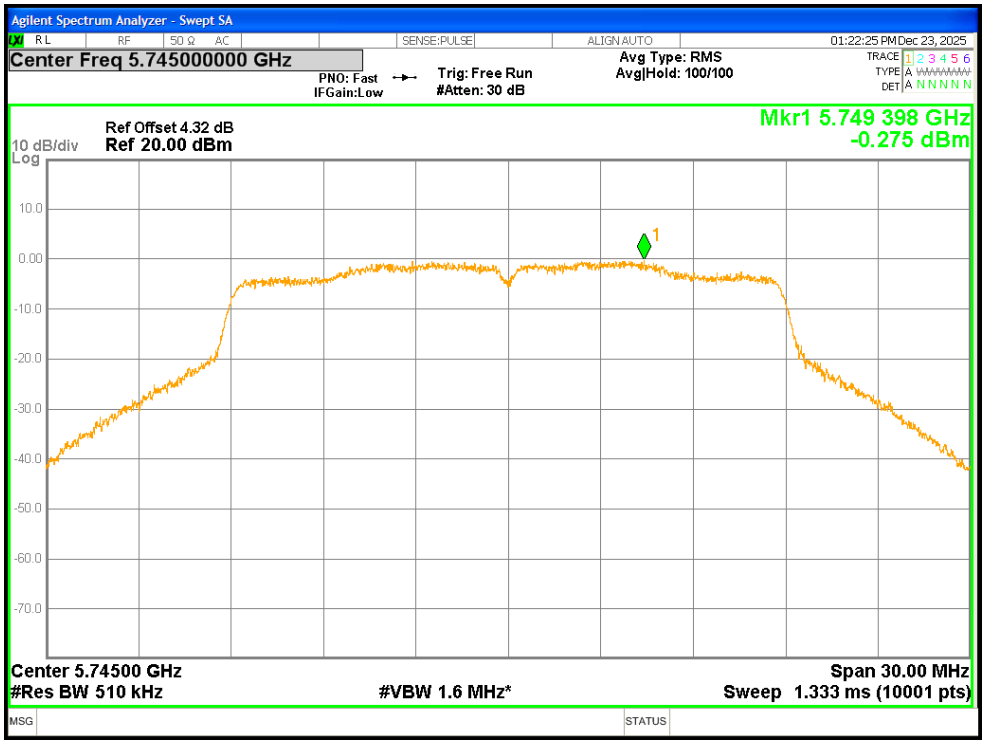
PSD NVNT n40 5755MHz



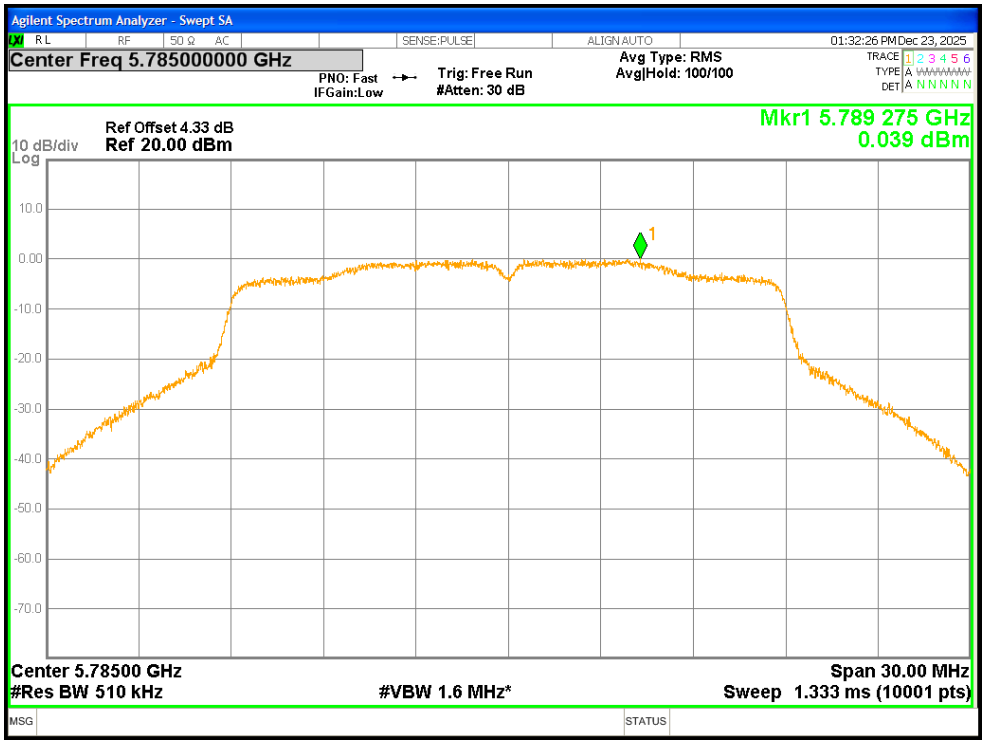
PSD NVNT n40 5795MHz



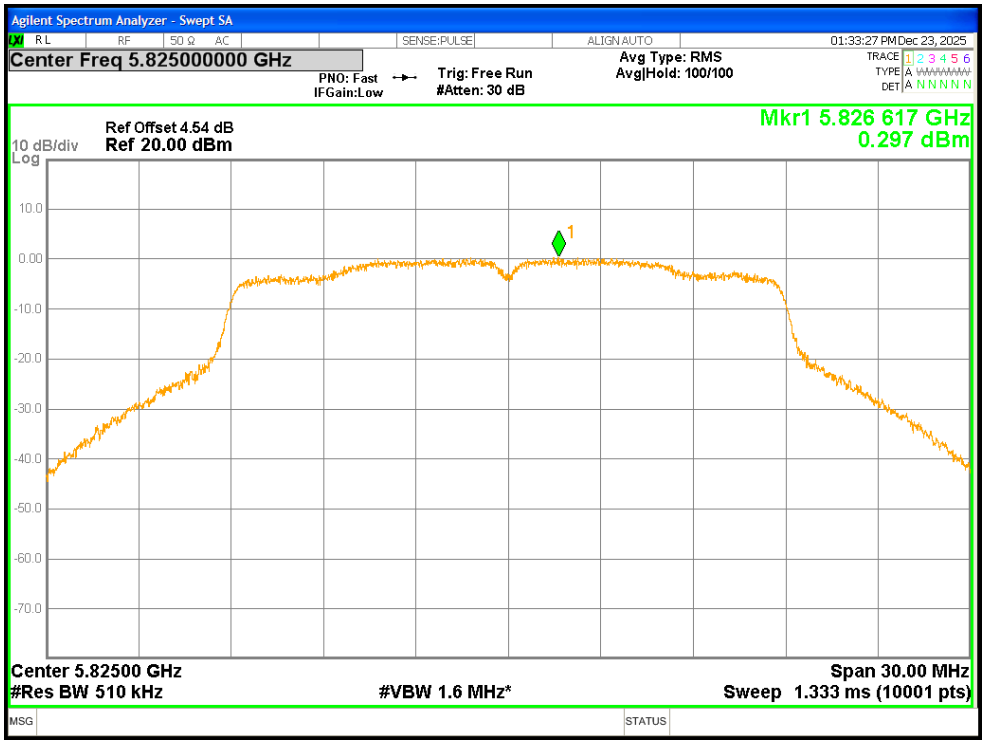
PSD NVNT ac20 5745MHz



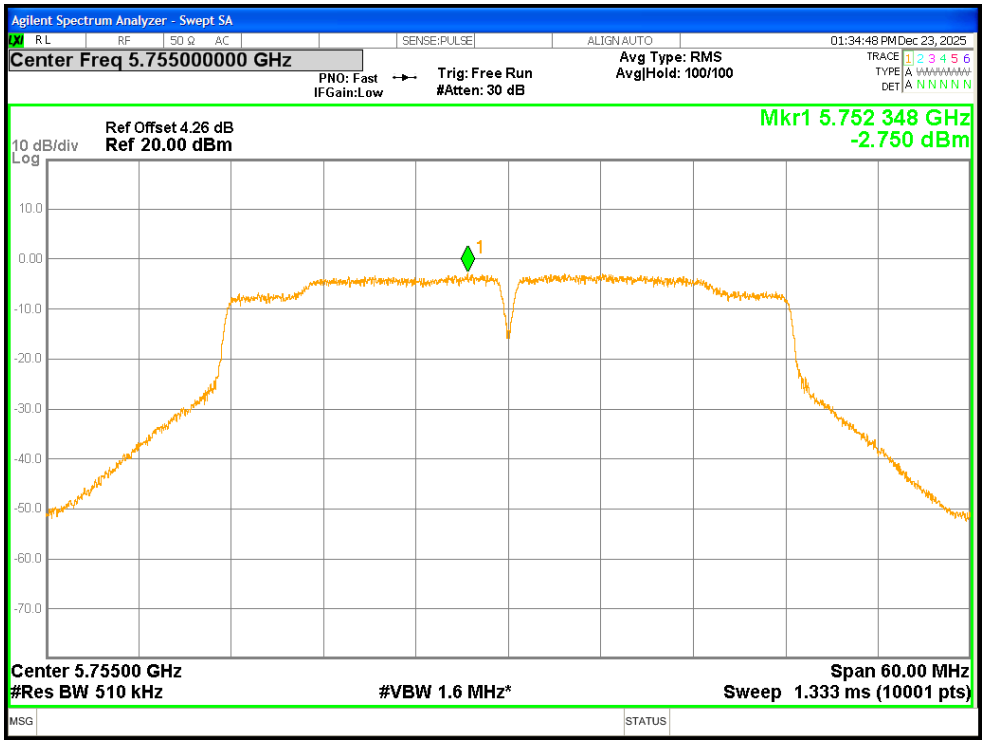
PSD NVNT ac20 5785MHz



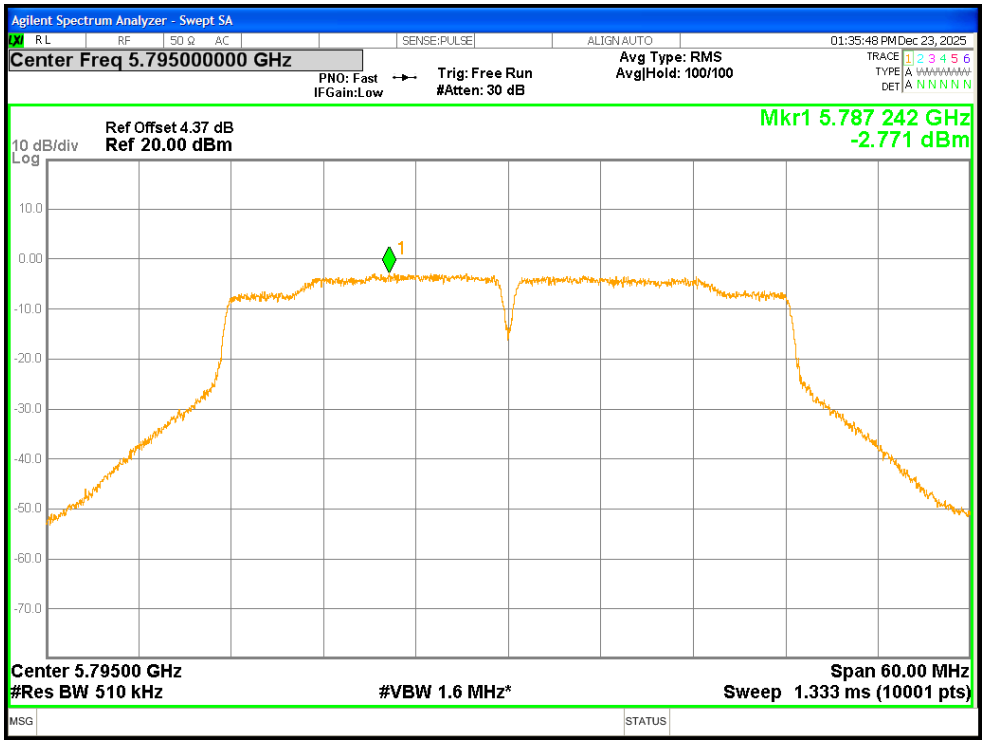
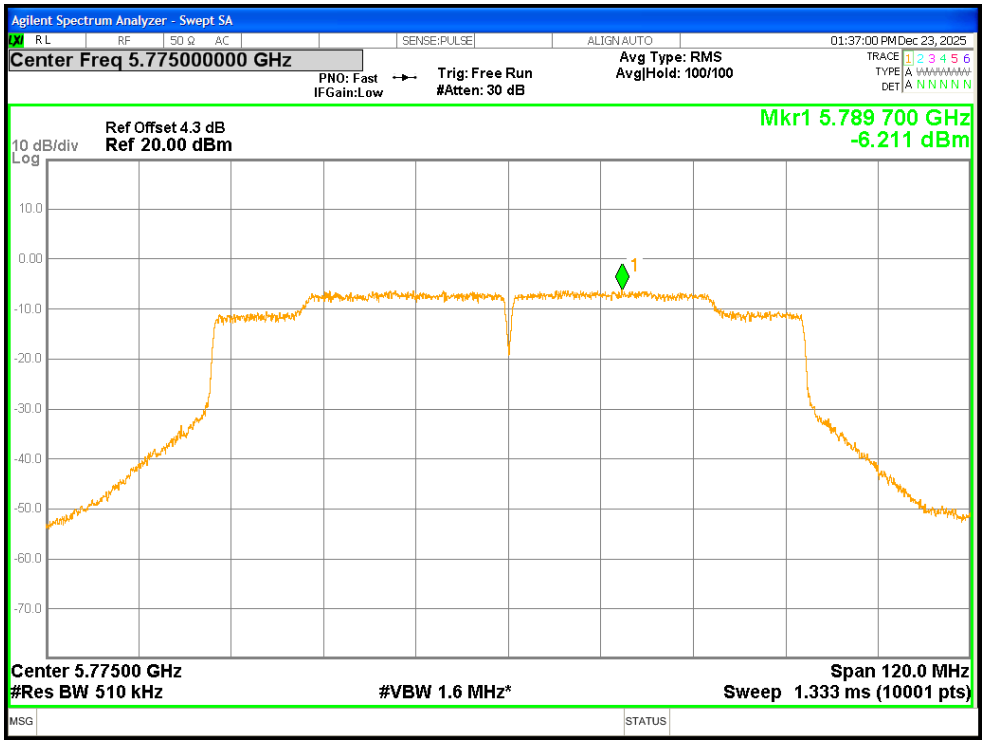
PSD NVNT ac20 5825MHz



PSD NVNT ac40 5755MHz



PSD NVNT ac40 5795MHz



PSD NVNT ac80 5775MHz