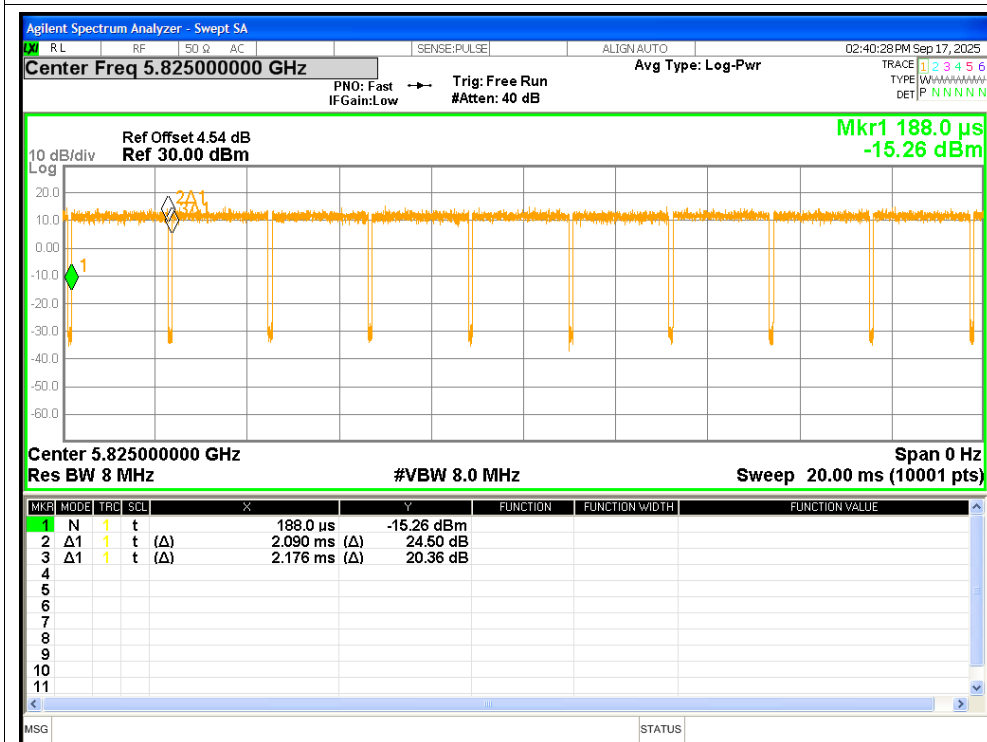


Duty Cycle

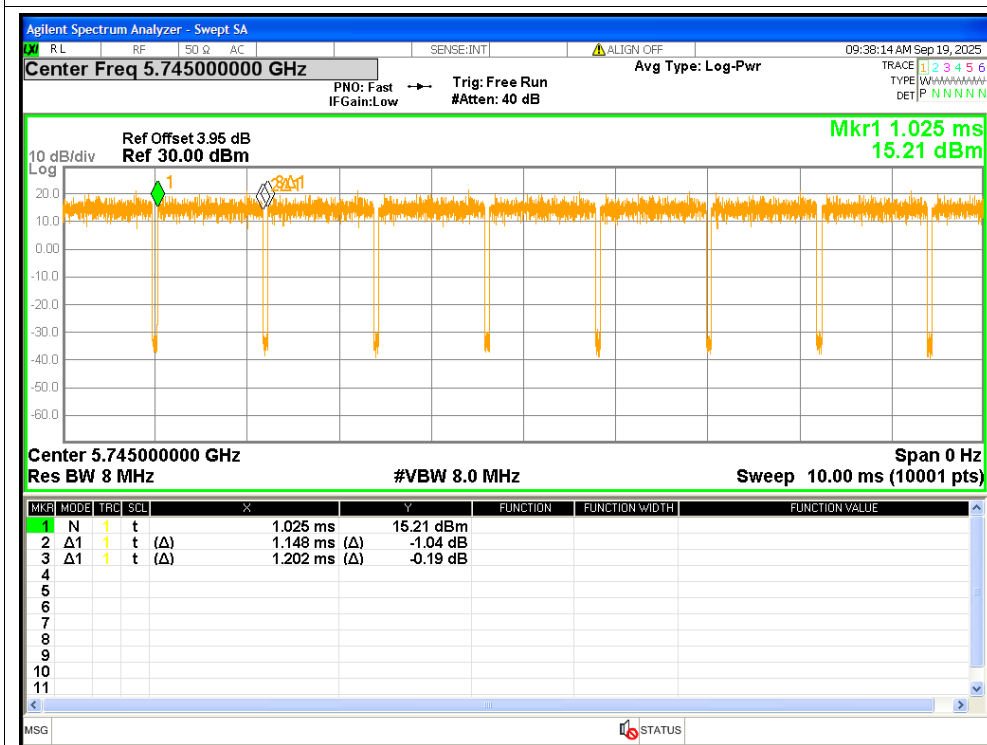
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5745	2.088	2.176	95.96	0.18	0.48	0.23
NVNT	a	5785	2.088	2.176	95.96	0.18	0.48	0.22
NVNT	a	5825	2.09	2.176	96.05	0.18	0.48	0.23
NVNT	n20	5745	1.148	1.202	95.51	0.2	0.87	0.30
NVNT	n20	5785	1.148	1.202	95.51	0.2	0.87	0.34
NVNT	n20	5825	1.149	1.202	95.59	0.2	0.87	0.33
NVNT	ac20	5745	1.153	1.207	95.53	0.2	0.87	0.33
NVNT	ac20	5785	1.152	1.205	95.6	0.2	0.87	0.36
NVNT	ac20	5825	1.152	1.205	95.6	0.2	0.87	0.35

Duty Cycle NVNT a 5825MHz

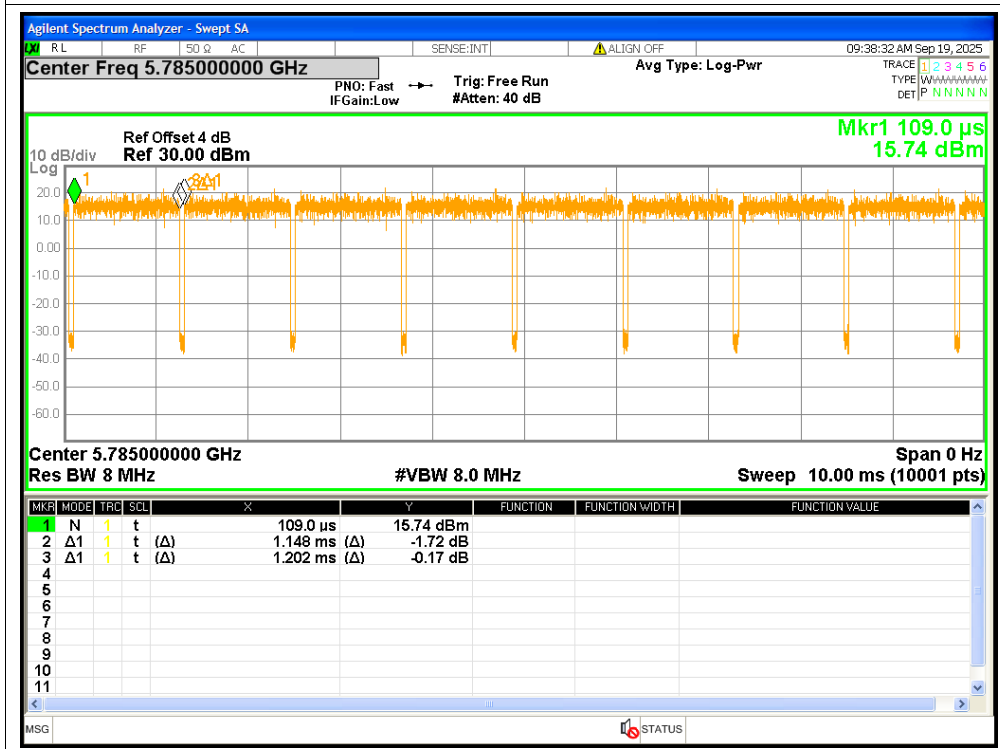


Test Graphs

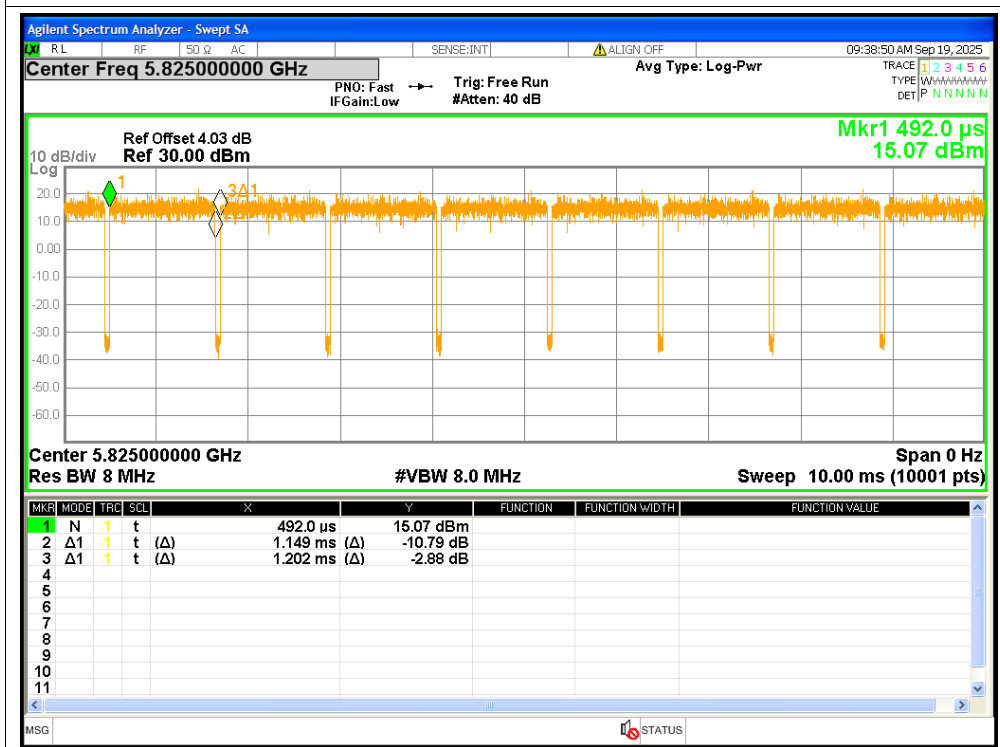
Duty Cycle NVNT n20 5745MHz



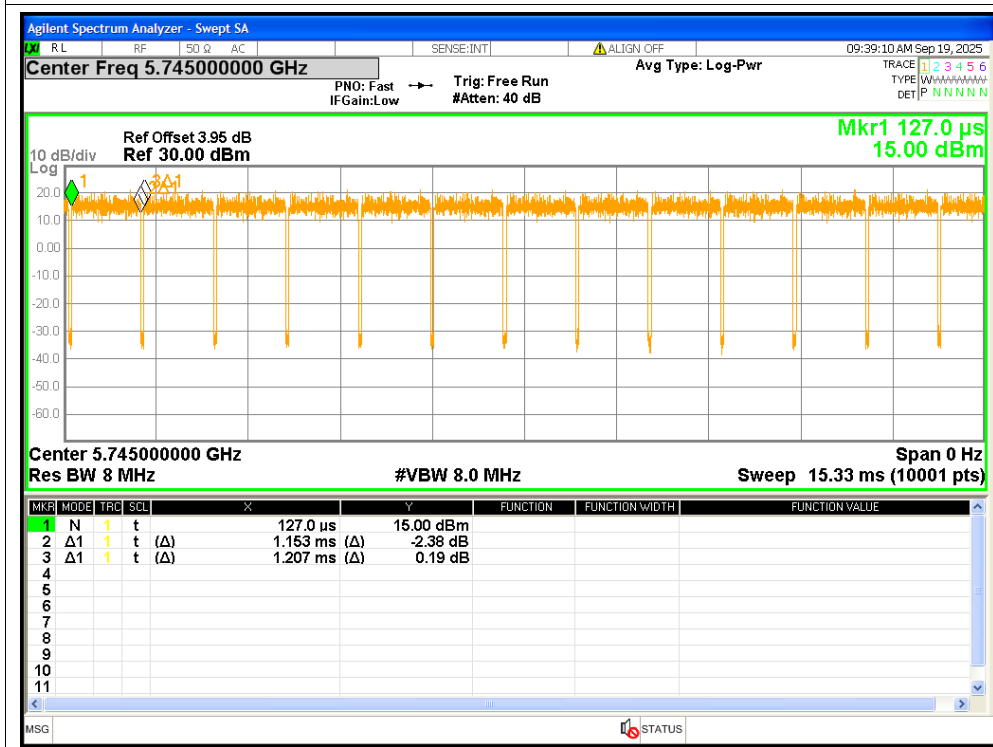
Duty Cycle NVNT n20 5785MHz



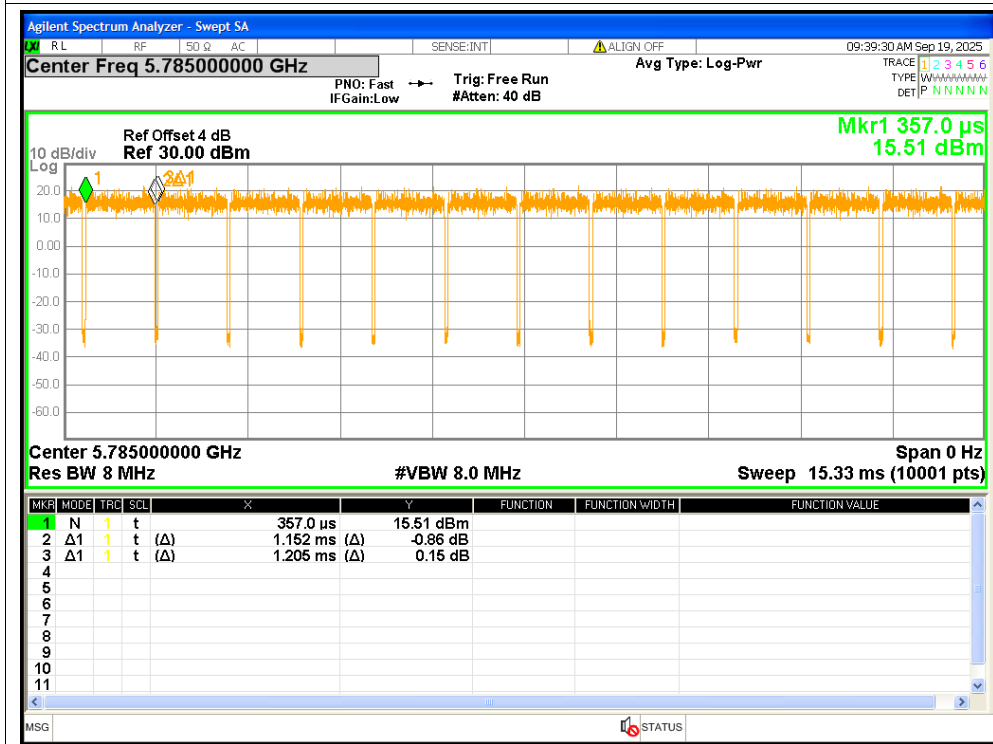
Duty Cycle NVNT n20 5825MHz

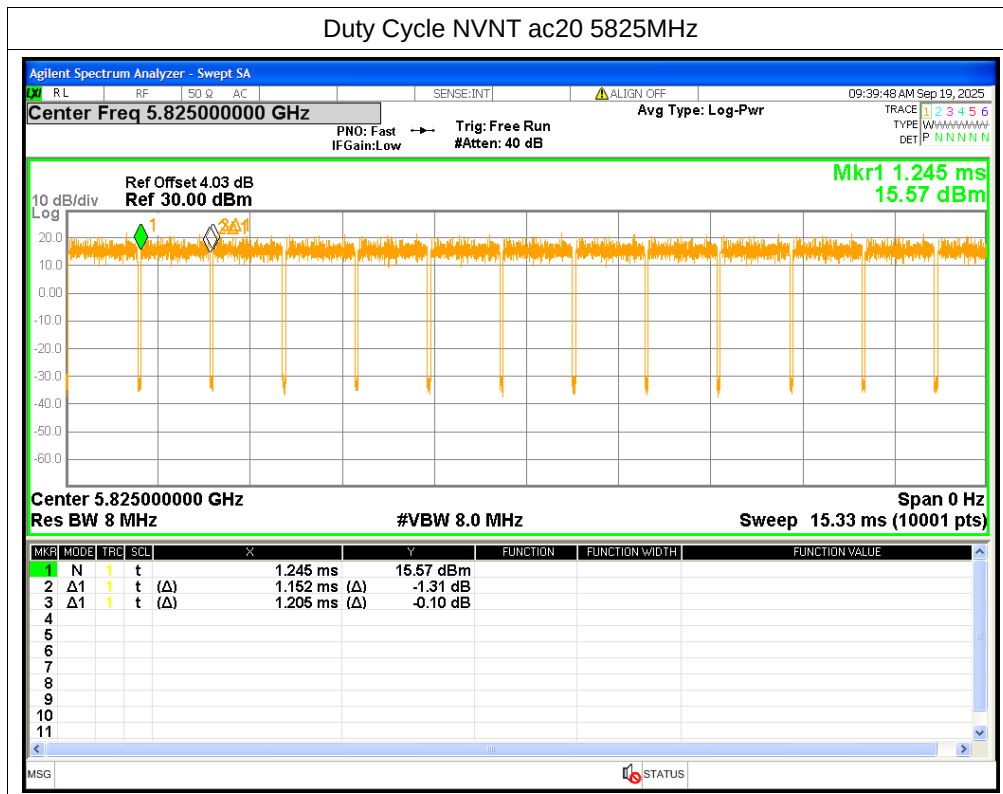


Duty Cycle NVNT ac20 5745MHz



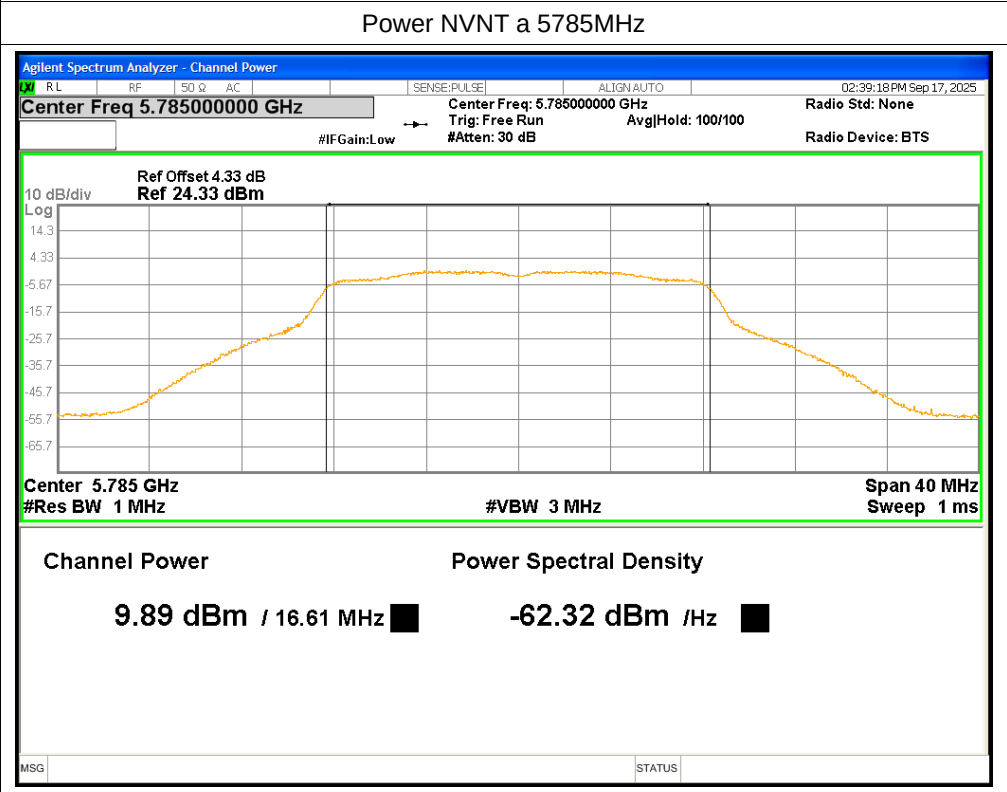
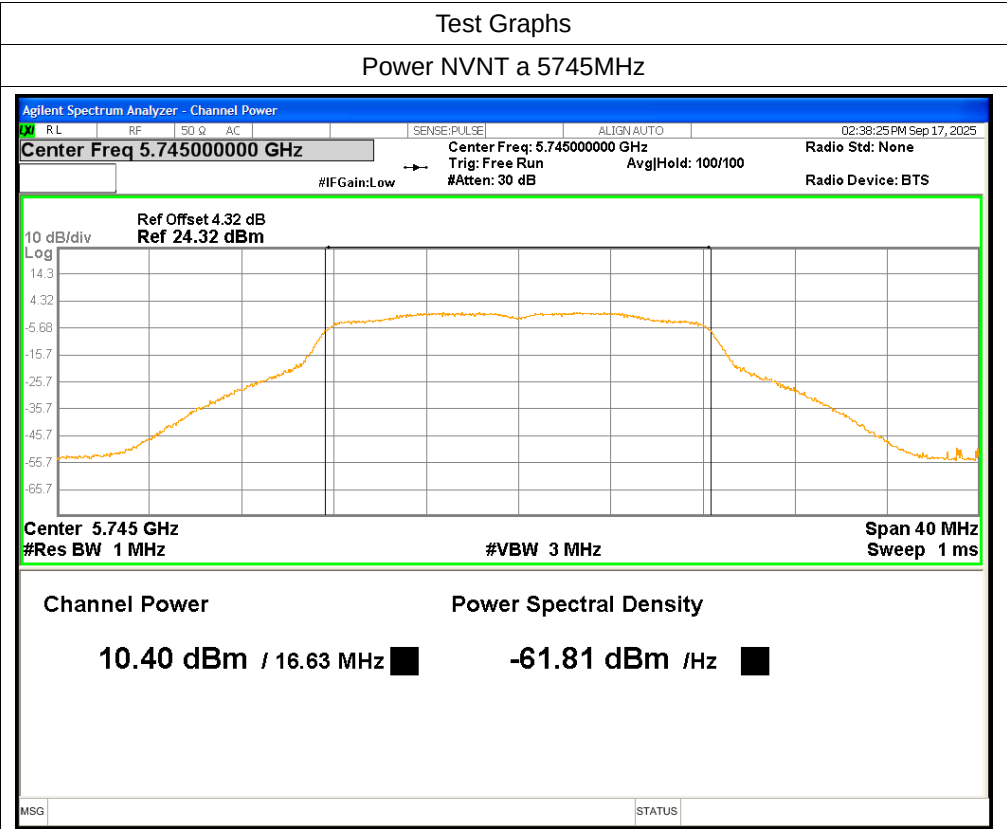
Duty Cycle NVNT ac20 5785MHz



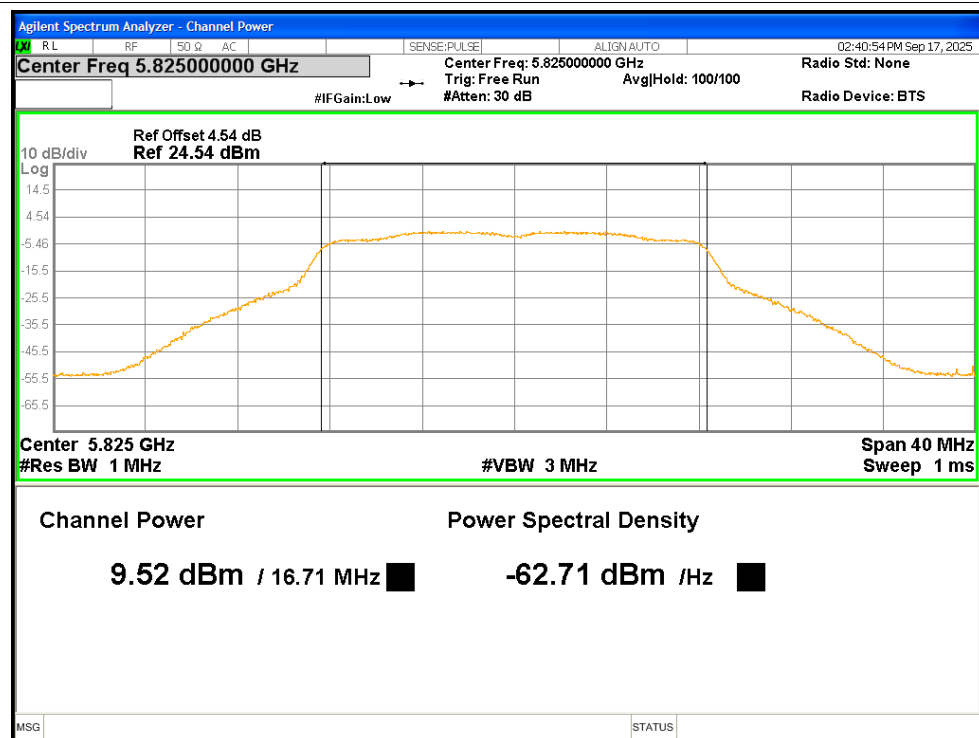


Maximum Conducted Output Power

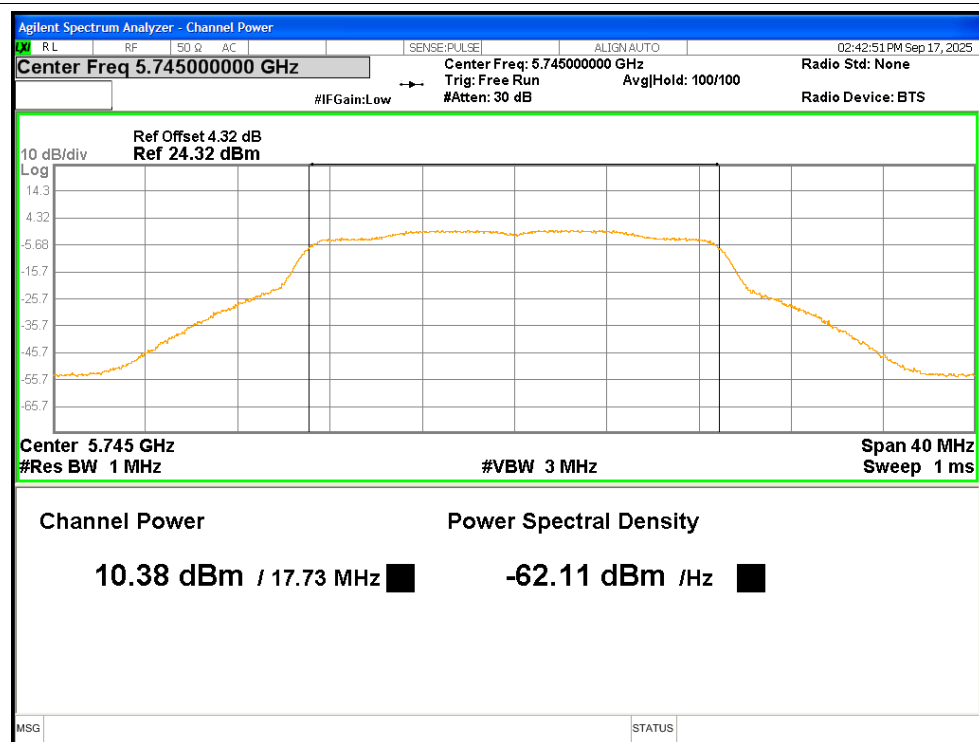
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	10.4	0.18	10.58	<=30	Pass
NVNT	a	5785	9.89	0.18	10.07	<=30	Pass
NVNT	a	5825	9.52	0.18	9.7	<=30	Pass
NVNT	n20	5745	10.38	0.2	10.58	<=30	Pass
NVNT	n20	5785	10.06	0.2	10.26	<=30	Pass
NVNT	n20	5825	9.66	0.2	9.86	<=30	Pass
NVNT	ac20	5745	10.79	0.2	10.99	<=30	Pass
NVNT	ac20	5785	10.37	0.2	10.57	<=30	Pass
NVNT	ac20	5825	10.25	0.2	10.45	<=30	Pass



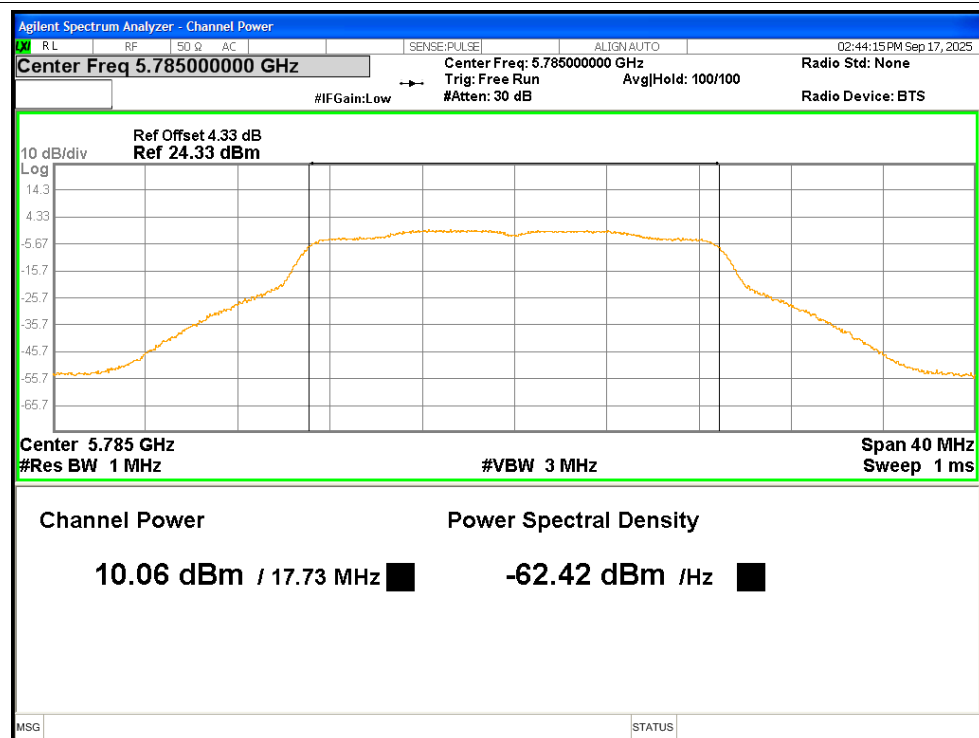
Power NVNT a 5825MHz



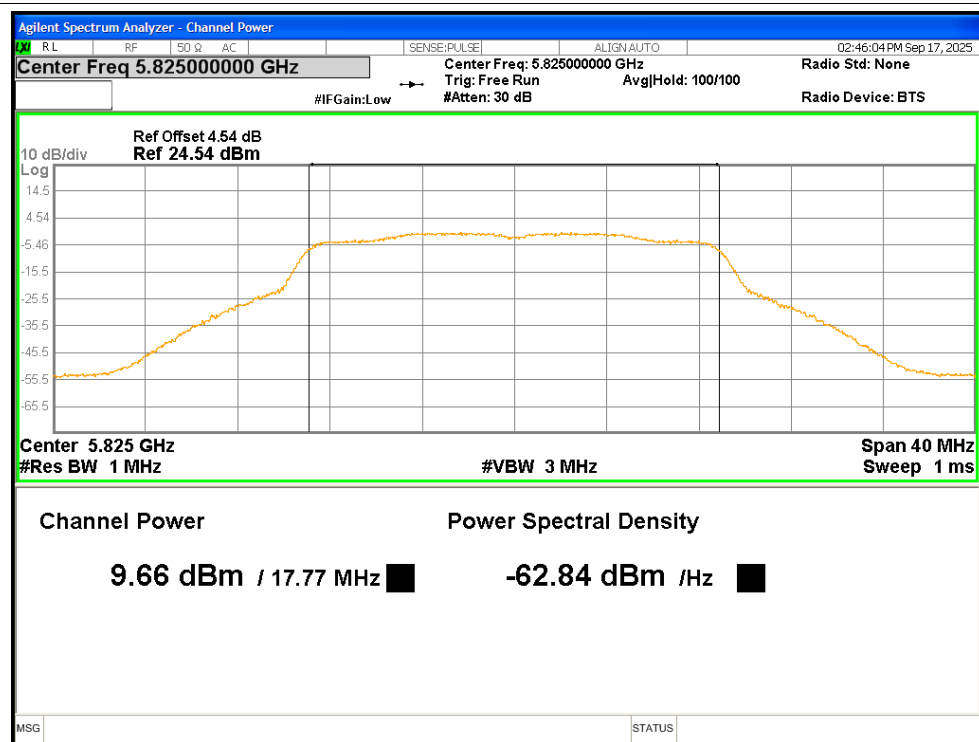
Power NVNT n20 5745MHz



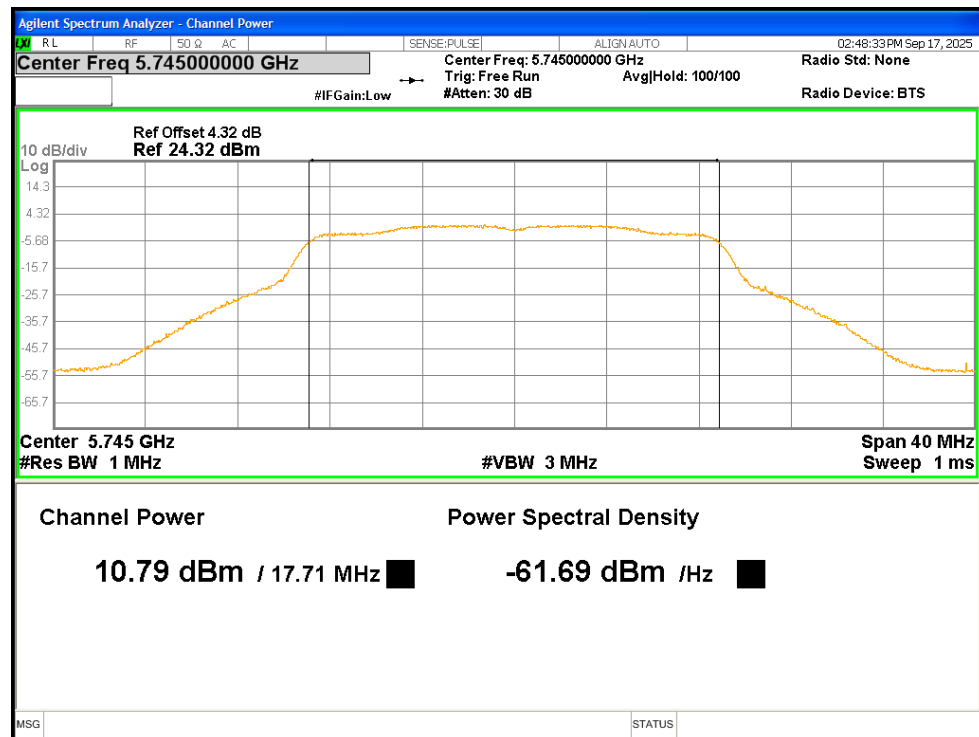
Power NVNT n20 5785MHz



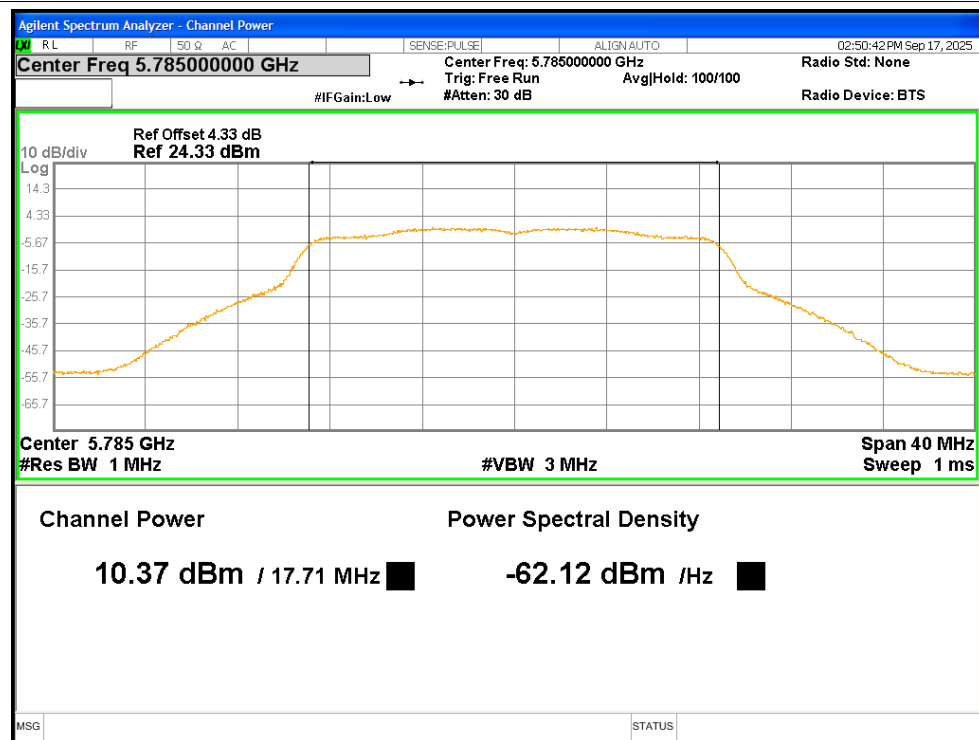
Power NVNT n20 5825MHz

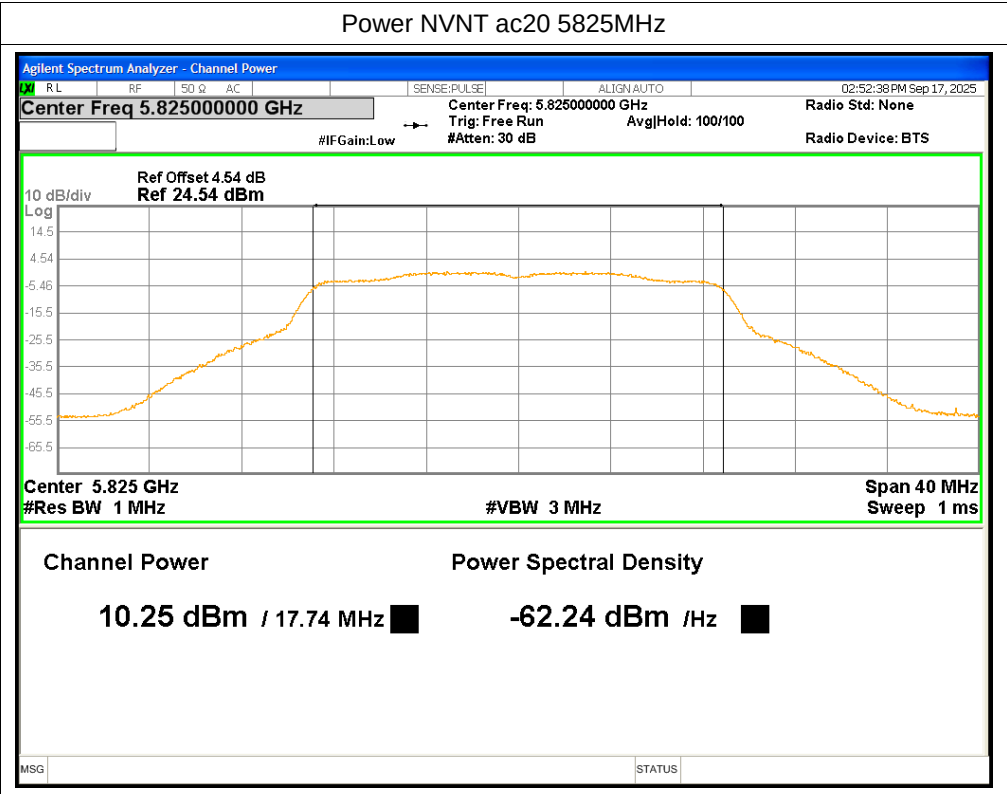


Power NVNT ac20 5745MHz



Power NVNT ac20 5785MHz



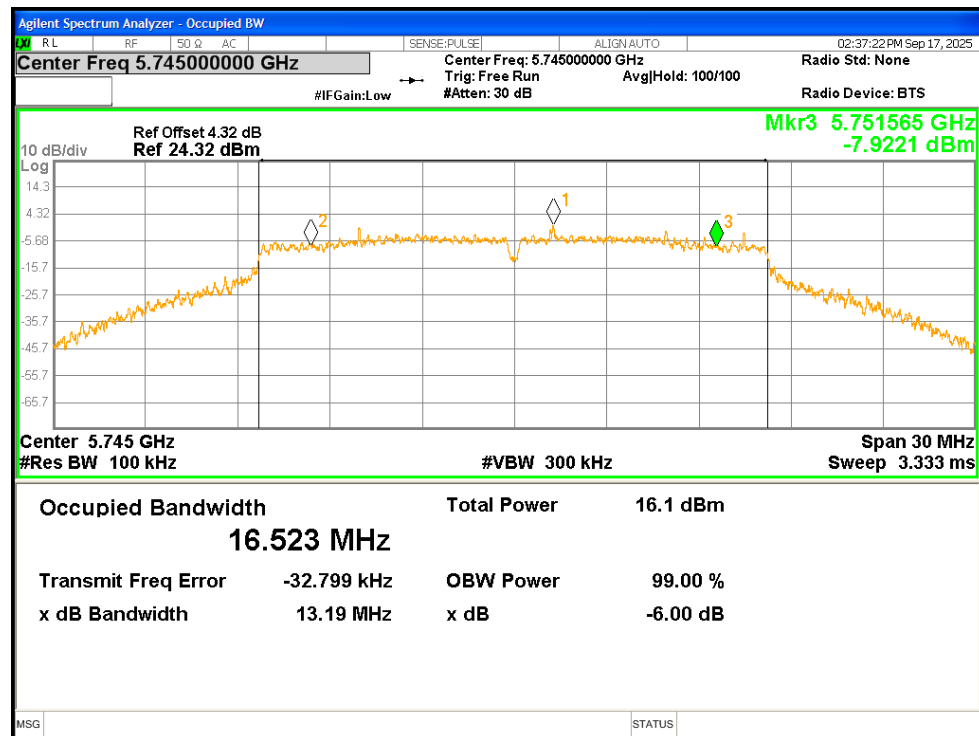


-6dB Bandwidth

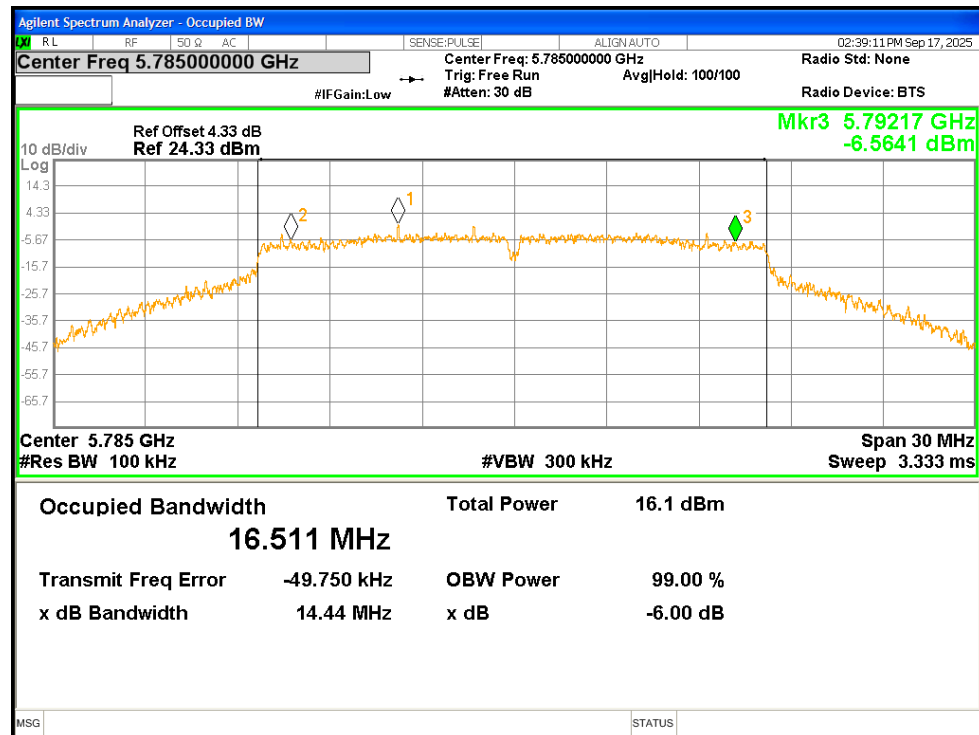
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	13.19	≥ 0.5	Pass
NVNT	a	5785	14.44	≥ 0.5	Pass
NVNT	a	5825	14.45	≥ 0.5	Pass
NVNT	n20	5745	17.54	≥ 0.5	Pass
NVNT	n20	5785	13.18	≥ 0.5	Pass
NVNT	n20	5825	17.28	≥ 0.5	Pass
NVNT	ac20	5745	13.84	≥ 0.5	Pass
NVNT	ac20	5785	13.73	≥ 0.5	Pass
NVNT	ac20	5825	15.38	≥ 0.5	Pass

Test Graphs

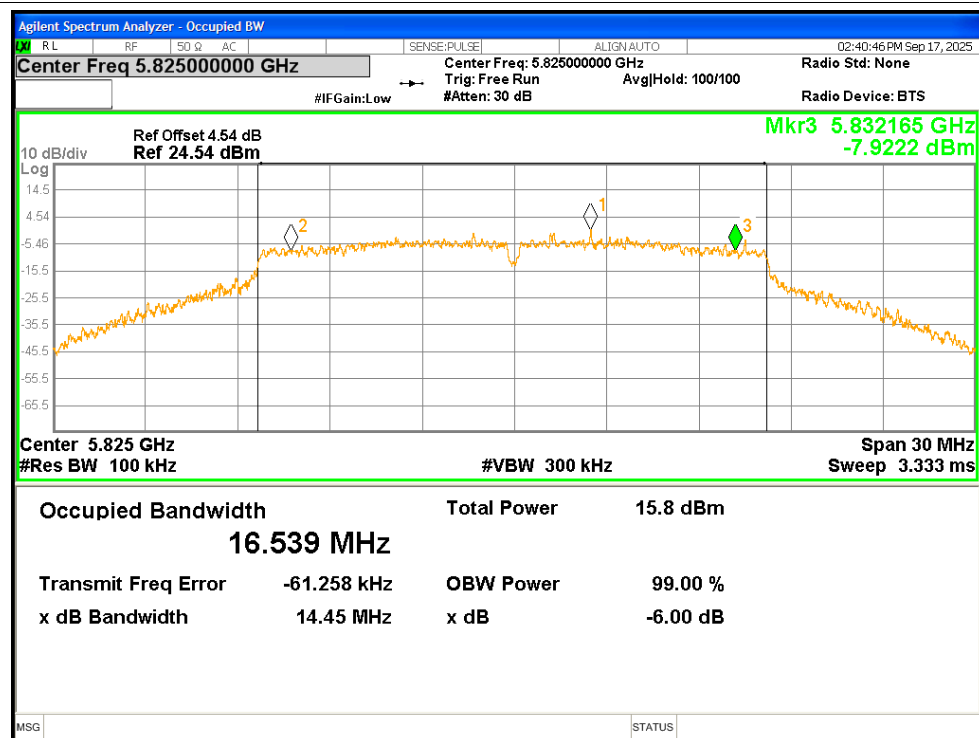
-6dB Bandwidth NVNT a 5745MHz



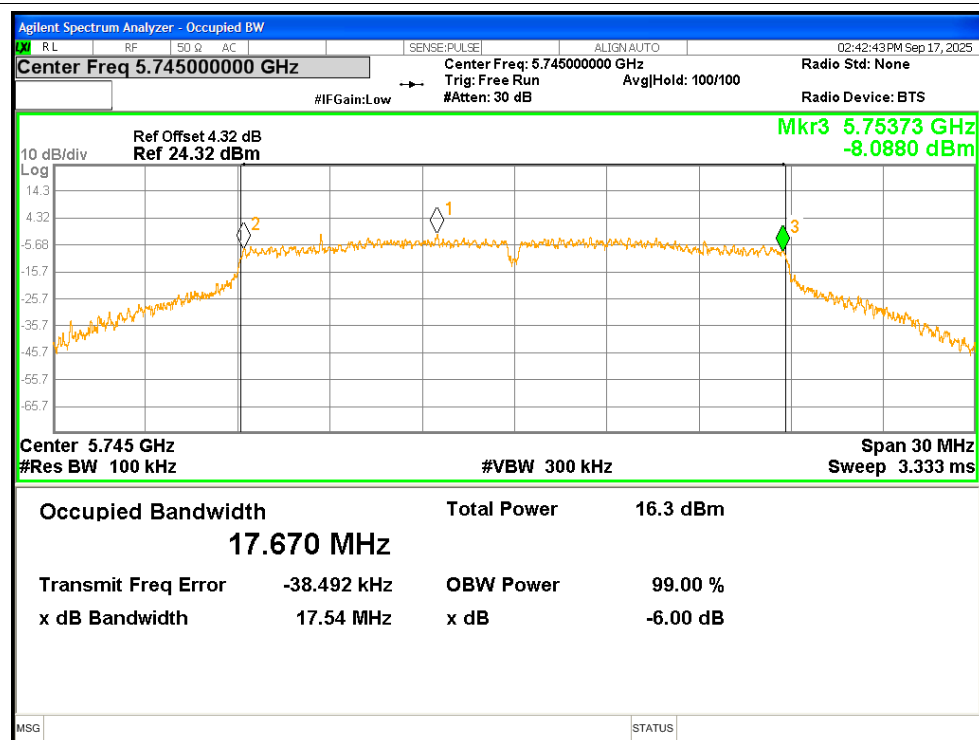
-6dB Bandwidth NVNT a 5785MHz



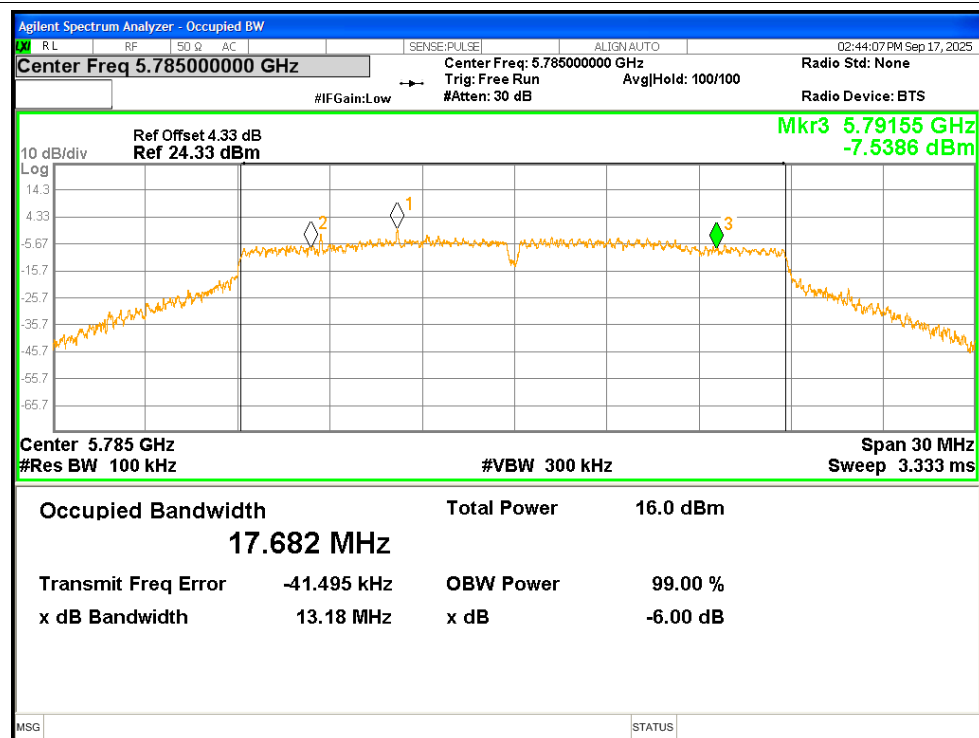
-6dB Bandwidth NVNT a 5825MHz



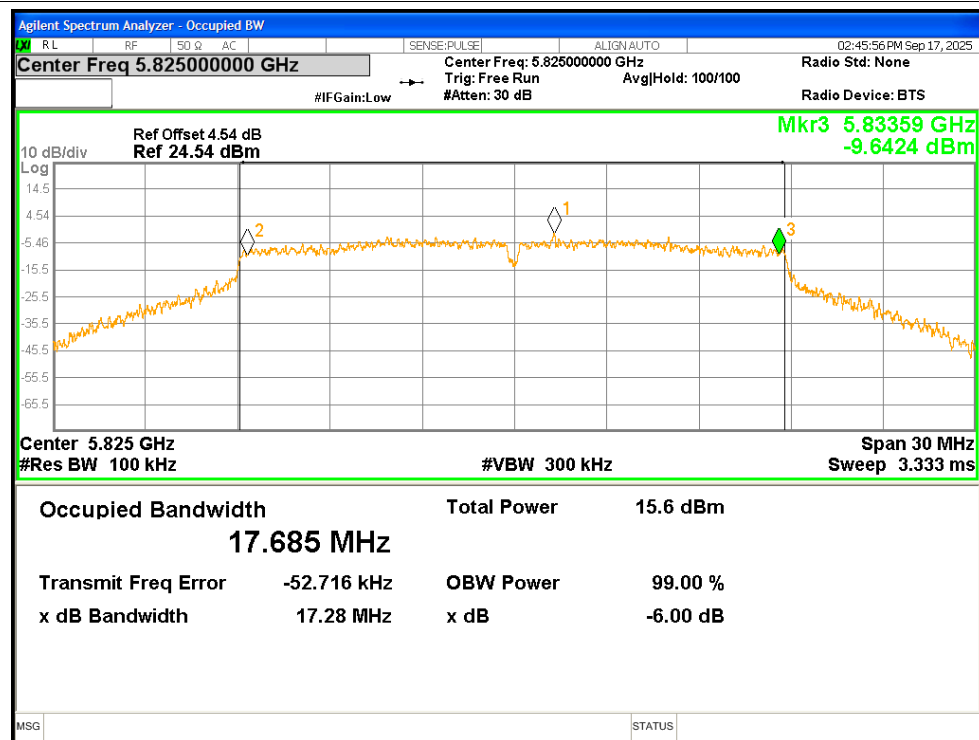
-6dB Bandwidth NVNT n20 5745MHz



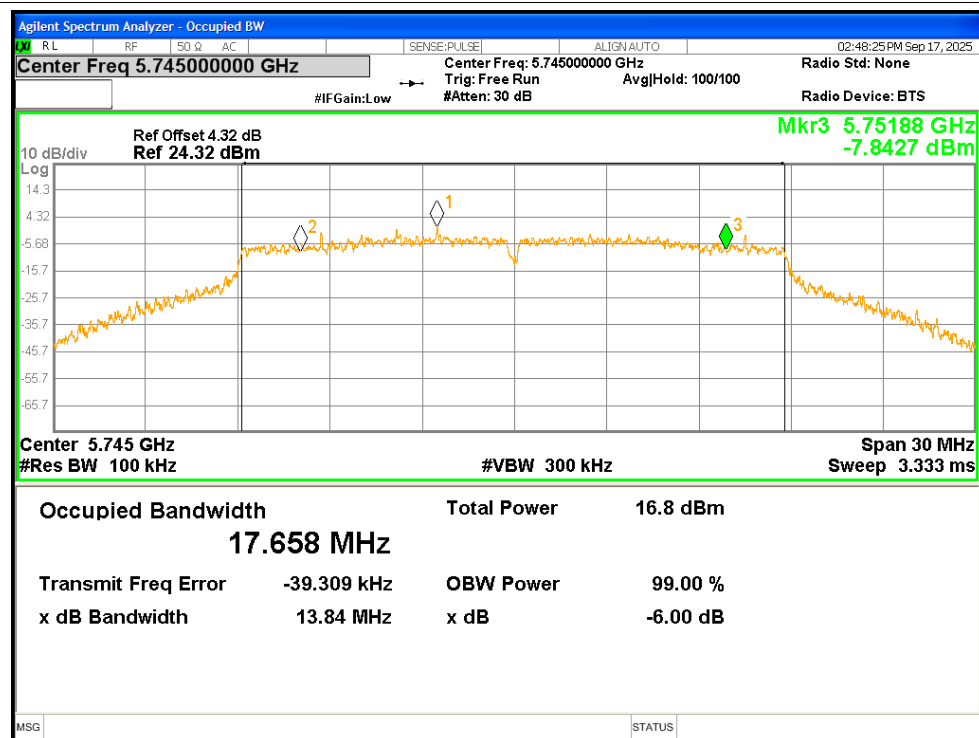
-6dB Bandwidth NVNT n20 5785MHz



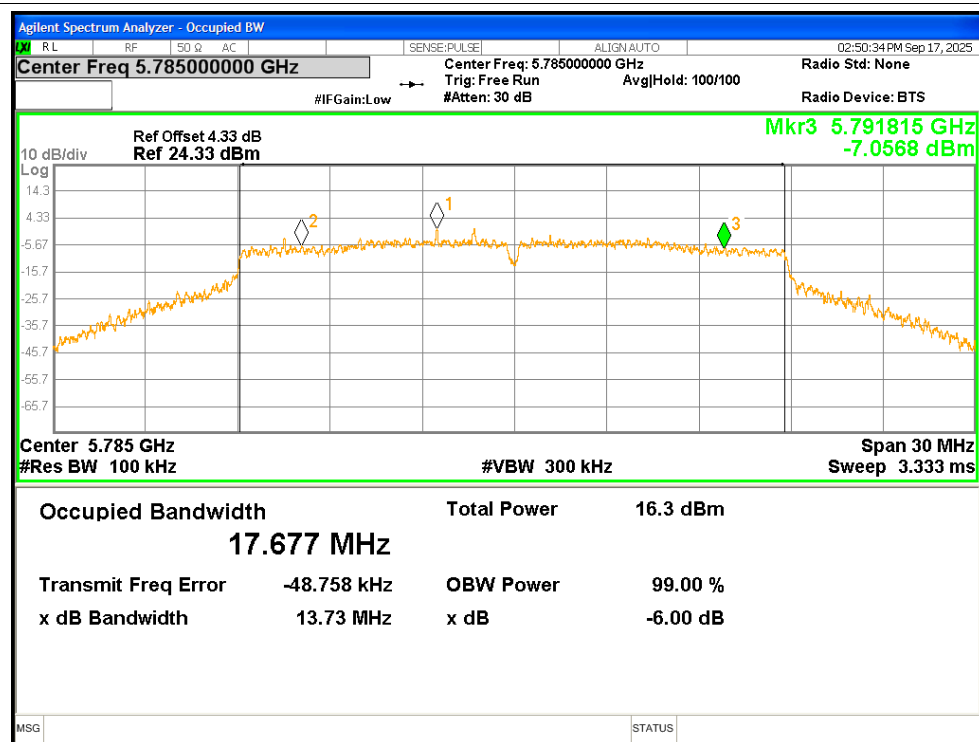
-6dB Bandwidth NVNT n20 5825MHz

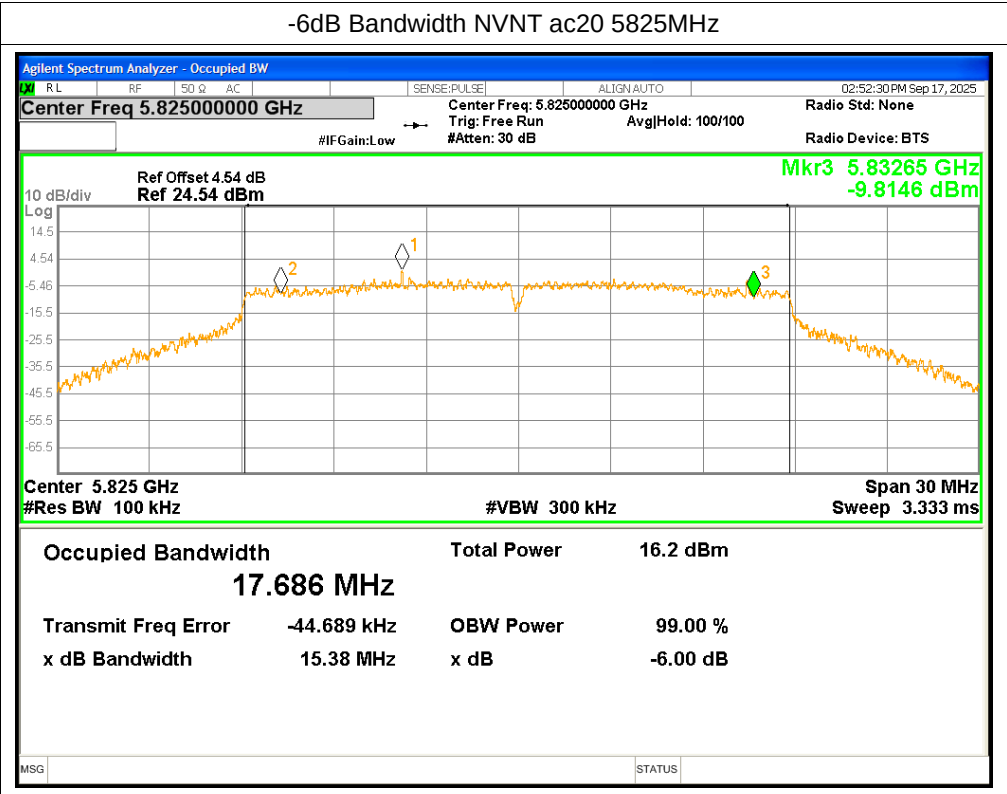


-6dB Bandwidth NVNT ac20 5745MHz



-6dB Bandwidth NVNT ac20 5785MHz



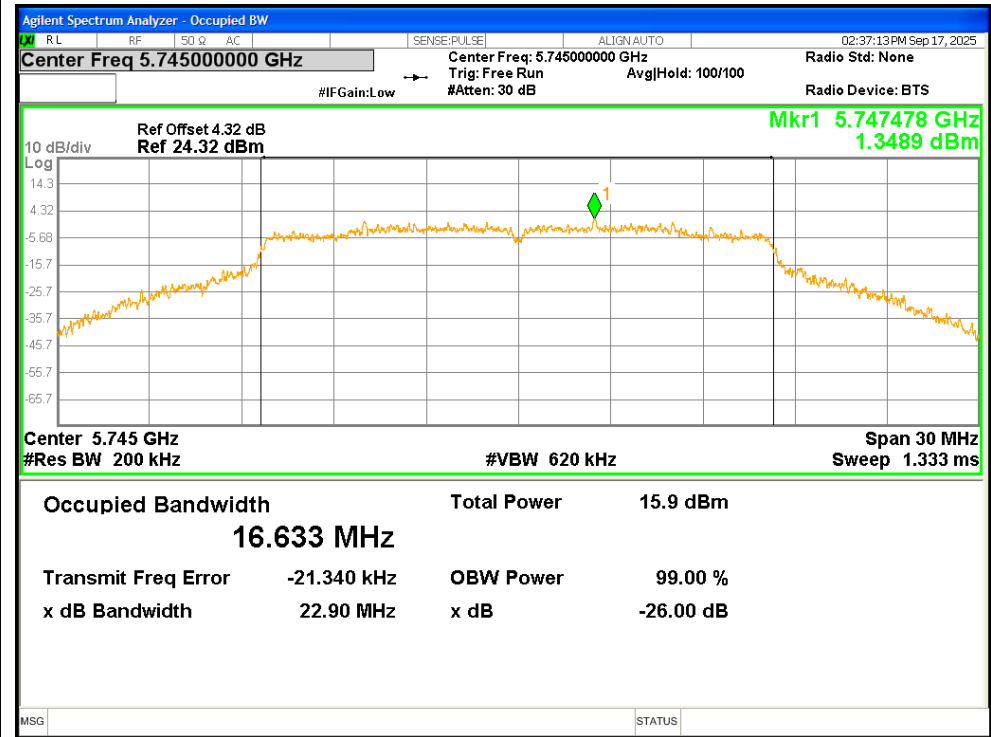


Occupied Channel Bandwidth

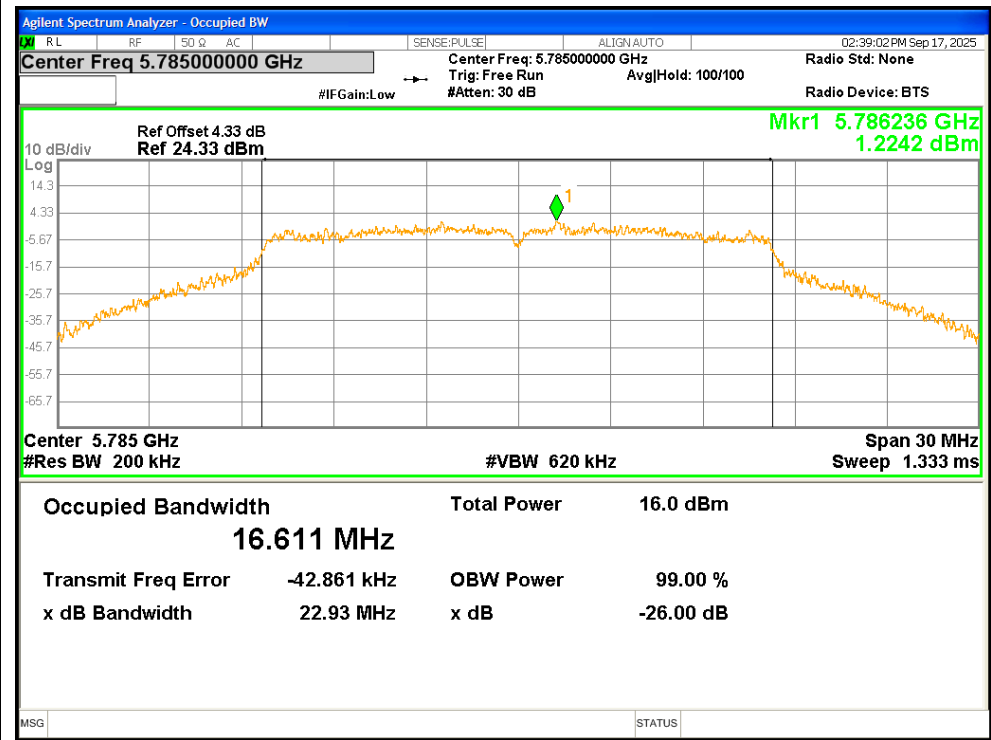
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.633
NVNT	a	5785	16.611
NVNT	a	5825	16.705
NVNT	n20	5745	17.731
NVNT	n20	5785	17.725
NVNT	n20	5825	17.766
NVNT	ac20	5745	17.709
NVNT	ac20	5785	17.713
NVNT	ac20	5825	17.738

Test Graphs

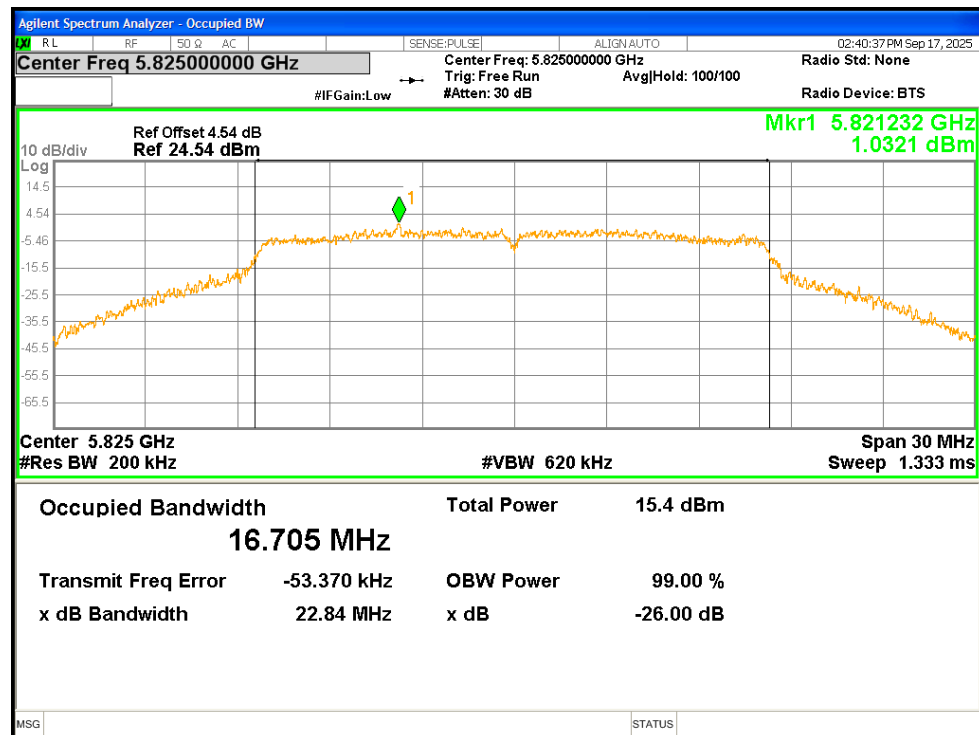
OBW NVNT a 5745MHz



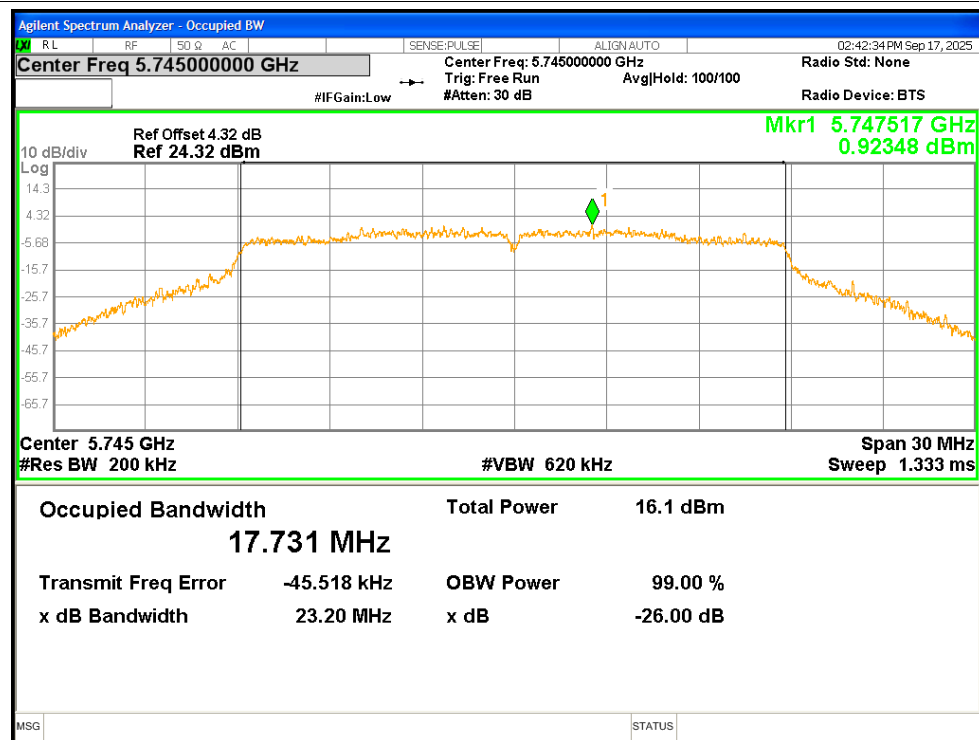
OBW NVNT a 5785MHz



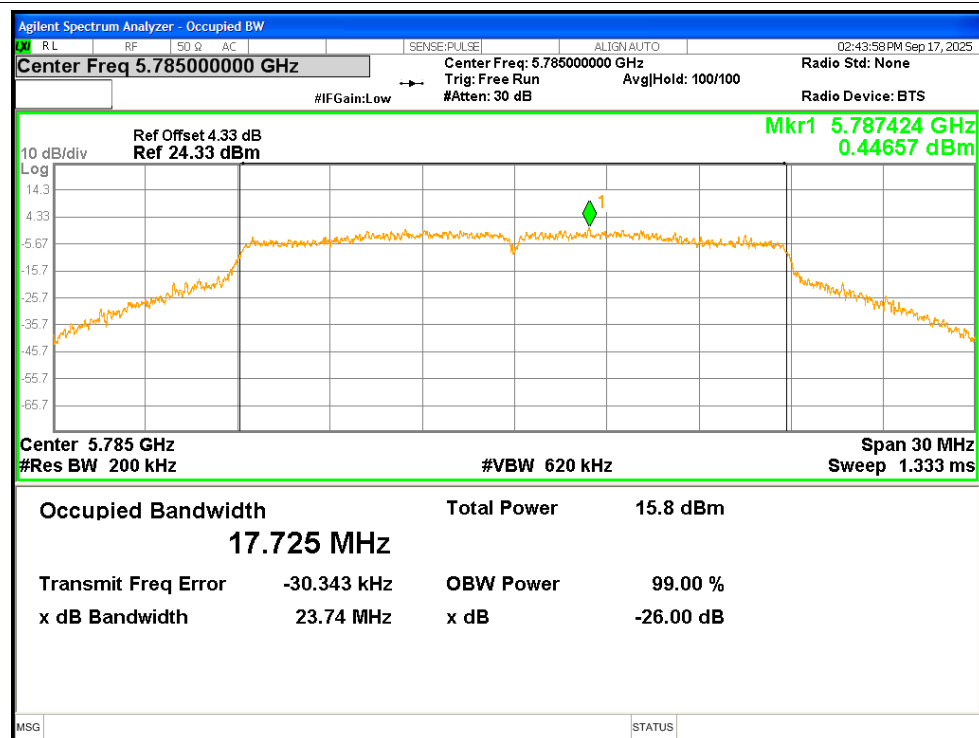
OBW NVNT a 5825MHz



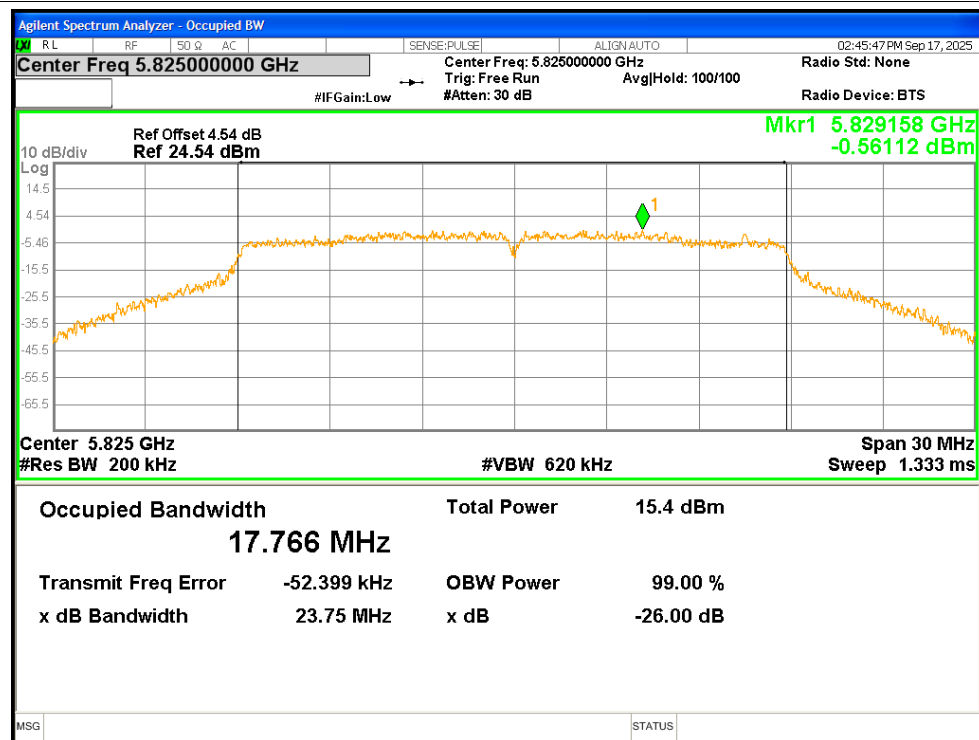
OBW NVNT n20 5745MHz



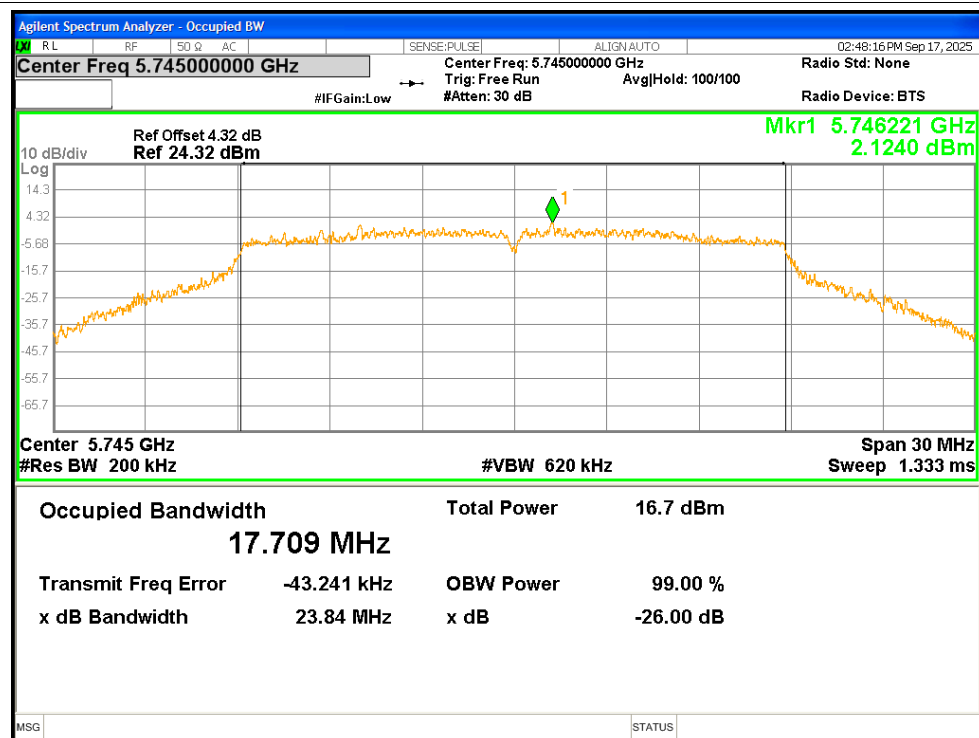
OBW NVNT n20 5785MHz



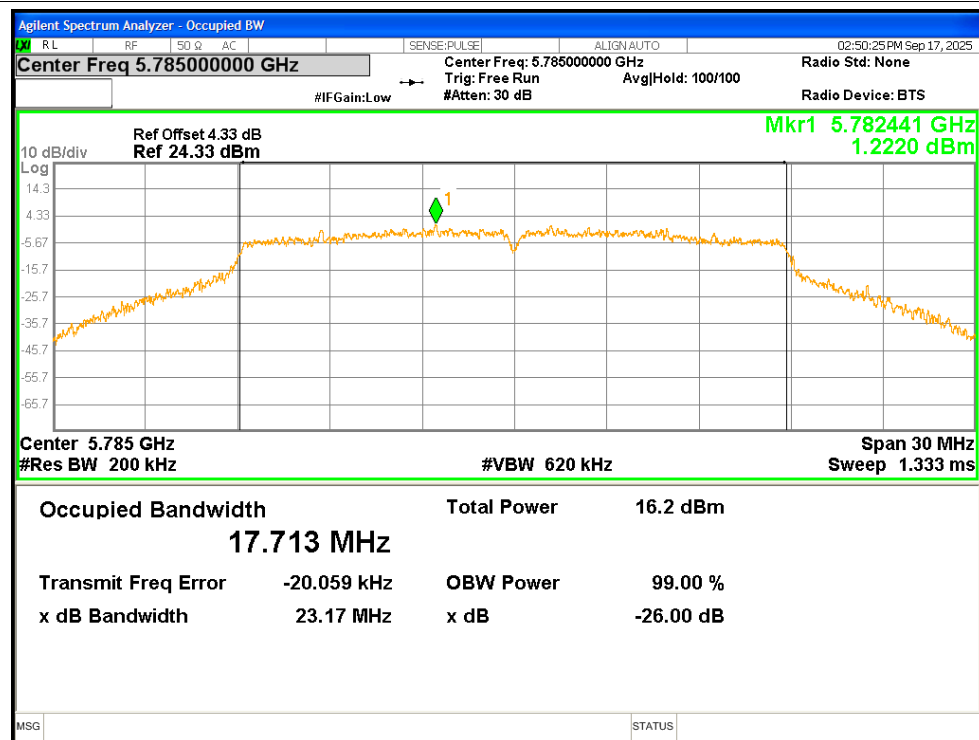
OBW NVNT n20 5825MHz

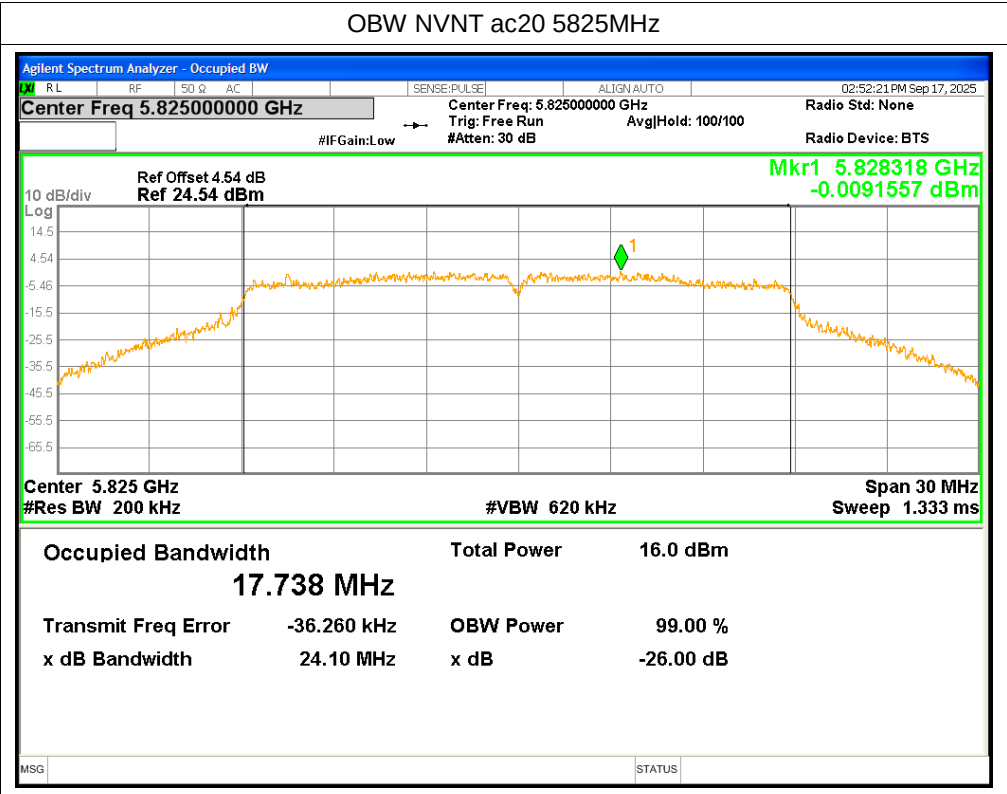


OBW NVNT ac20 5745MHz



OBW NVNT ac20 5785MHz





Maximum Power Spectral Density Level

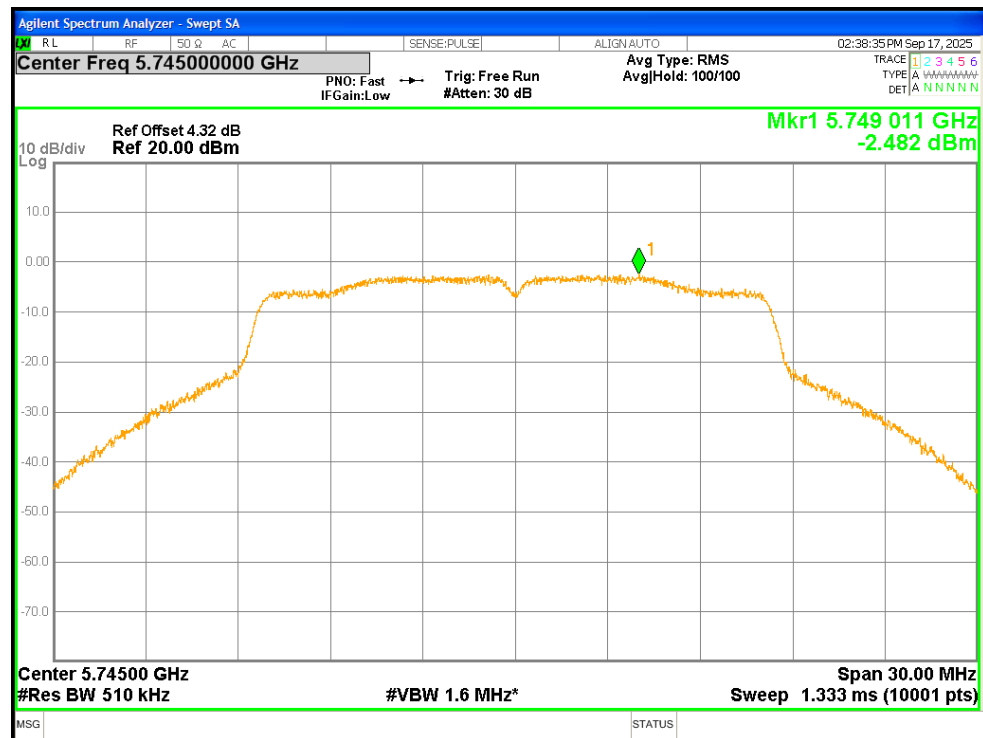
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	Total PSD (dBm/510kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	-2.482	0.18	-2.302	-2.39	<=30	Pass
NVNT	a	5785	-2.916	0.18	-2.736	-2.82	<=30	Pass
NVNT	a	5825	-3.3	0.18	-3.12	-3.21	<=30	Pass
NVNT	n20	5745	-2.694	0.2	-2.494	-2.58	<=30	Pass
NVNT	n20	5785	-3.028	0.2	-2.828	-2.91	<=30	Pass
NVNT	n20	5825	-3.509	0.2	-3.309	-3.40	<=30	Pass
NVNT	ac20	5745	-1.966	0.2	-1.766	-1.85	<=30	Pass
NVNT	ac20	5785	-2.746	0.2	-2.546	-2.63	<=30	Pass
NVNT	ac20	5825	-2.843	0.2	-2.643	-2.73	<=30	Pass

Note:

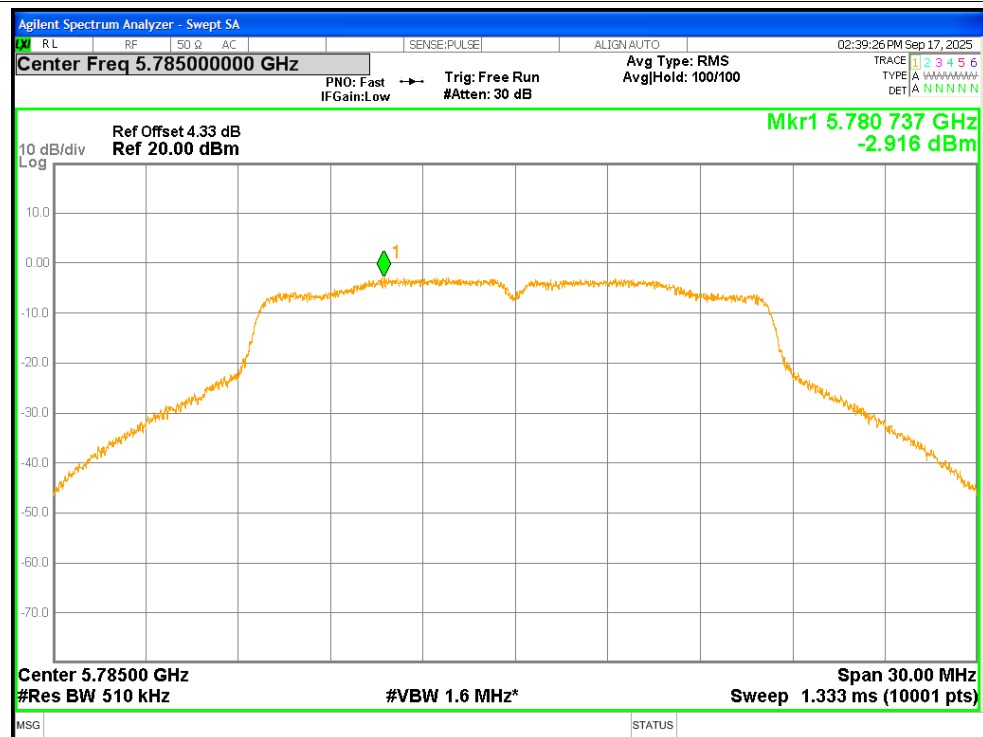
1. Total PSD(dBm/500KHz) = Total PSD(dBm/510KHz) + RBW Factor
2. RBW Factor = $10 * \log(500/510)$

Test Graphs

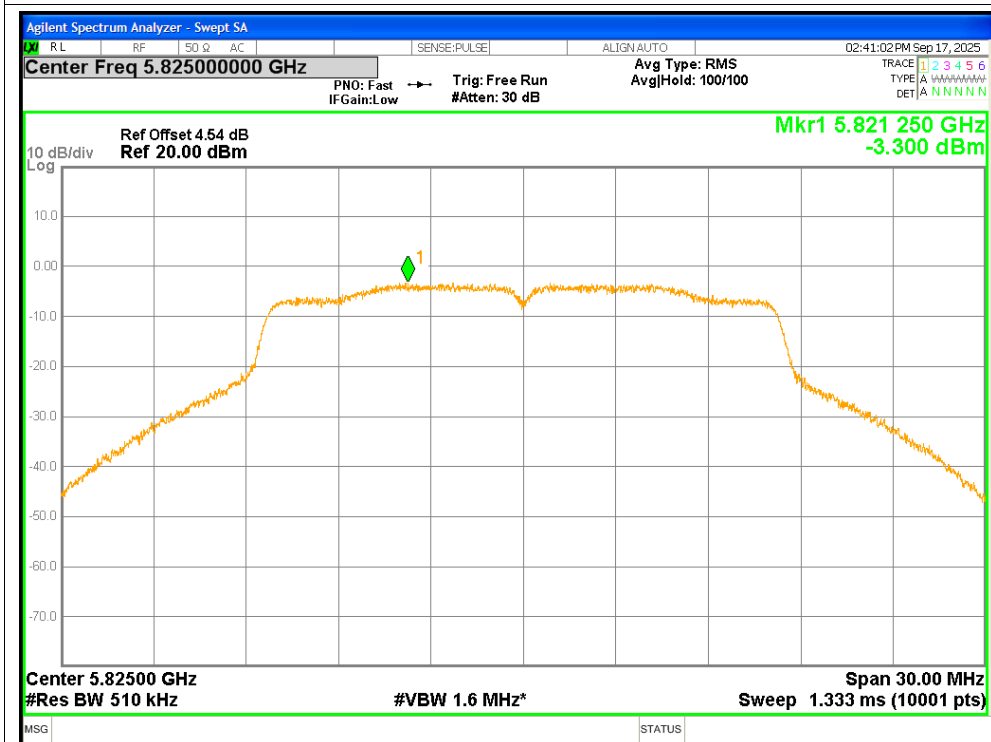
PSD NVNT a 5745MHz



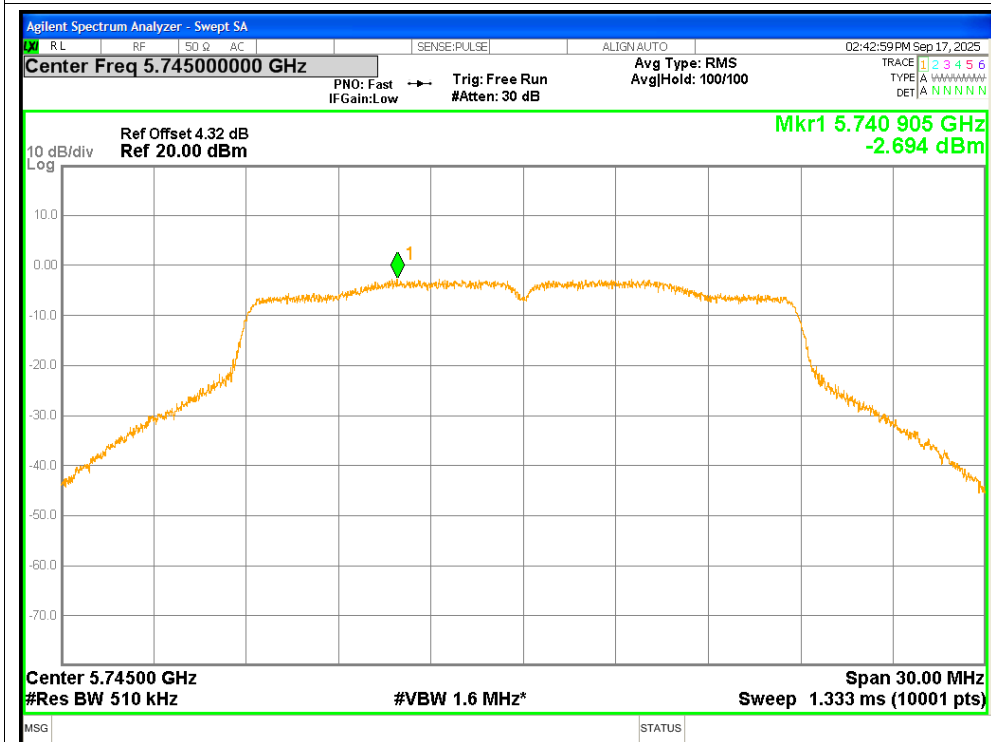
PSD NVNT a 5785MHz



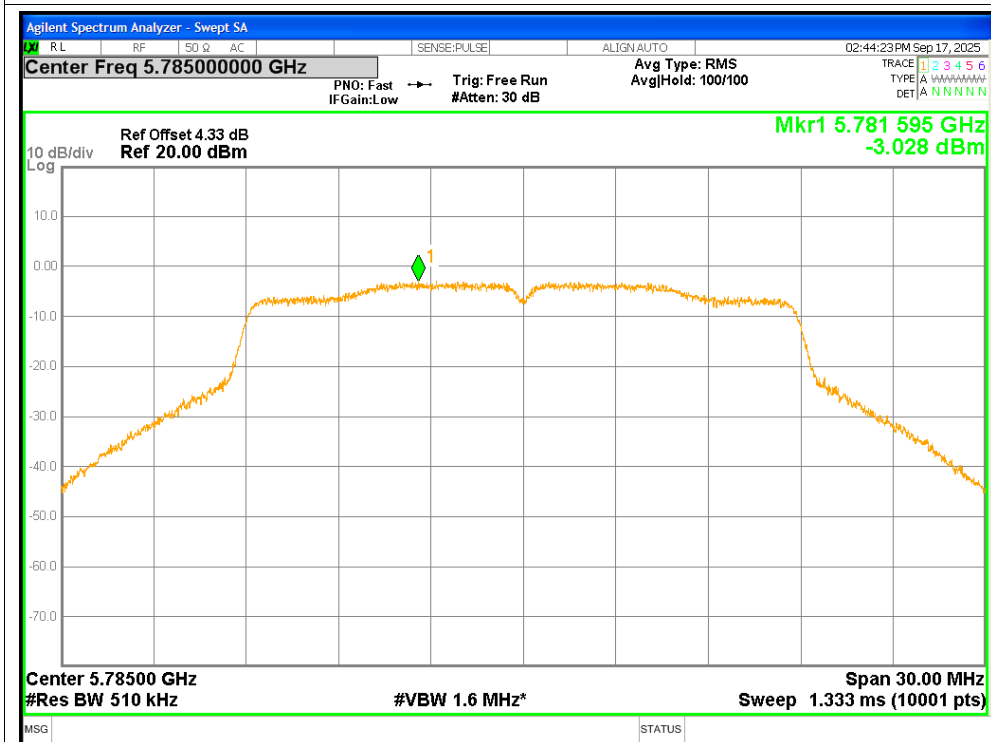
PSD NVNT a 5825MHz



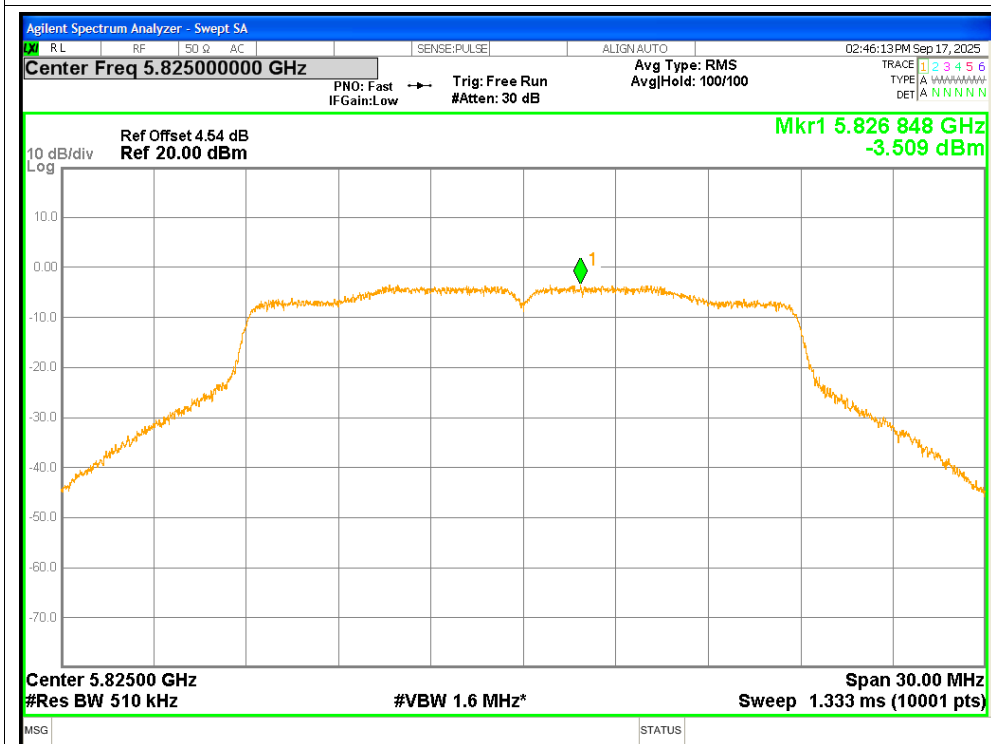
PSD NVNT n20 5745MHz



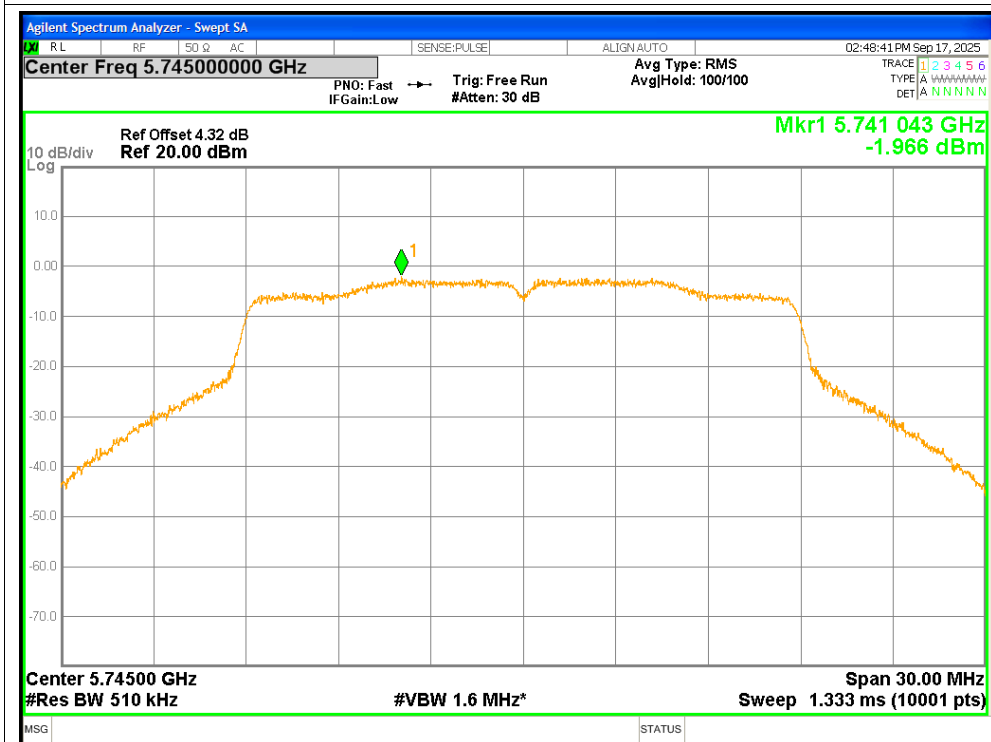
PSD NVNT n20 5785MHz



PSD NVNT n20 5825MHz



PSD NVNT ac20 5745MHz



PSD NVNT ac20 5785MHz

