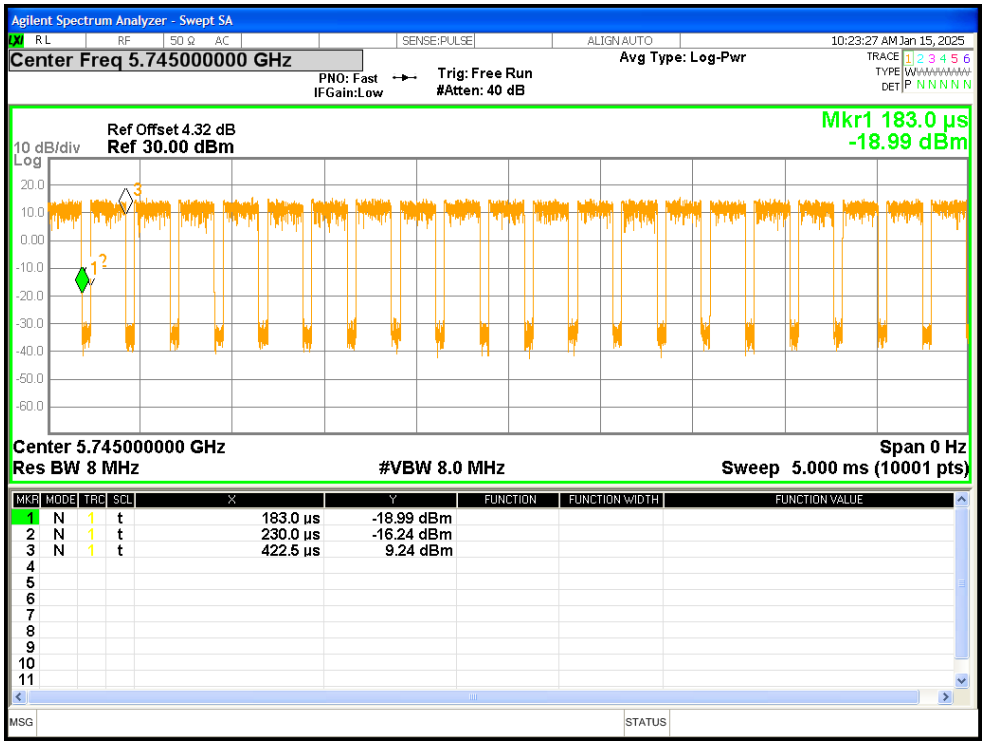
1. Duty Cycle

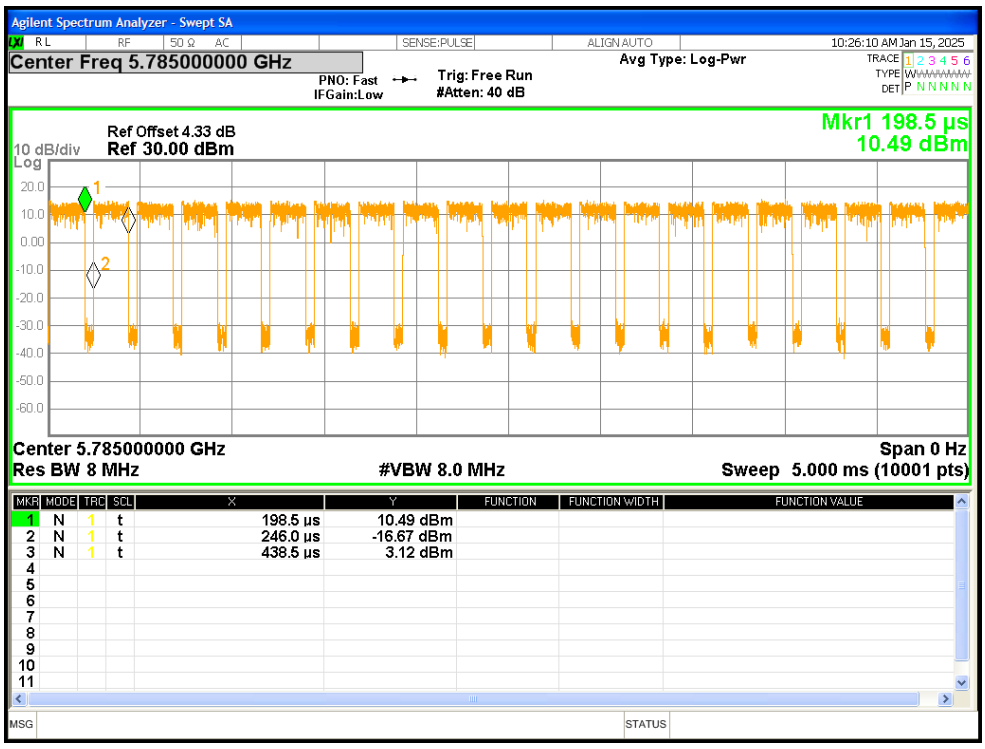
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	80.38	0.95	5.19
NVNT	a	5785	Ant1	80.21	0.96	5.19
NVNT	a	5825	Ant1	80.21	0.96	5.19
NVNT	a	5745	Ant2	80.21	0.96	5.19
NVNT	a	5785	Ant2	80.04	0.97	5.19
NVNT	a	5825	Ant2	80.21	0.96	5.19
NVNT	n20	5745	Ant1	88.03	0.55	2.83
NVNT	n20	5785	Ant1	88	0.56	2.84
NVNT	n20	5825	Ant1	88.25	0.54	2.83
NVNT	n20	5745	Ant2	88.25	0.54	2.83
NVNT	n20	5785	Ant2	88	0.56	2.84
NVNT	n20	5825	Ant2	87.78	0.57	2.84
NVNT	n40	5755	Ant1	87.89	0.56	2.93
NVNT	n40	5795	Ant1	87.89	0.56	2.93
NVNT	n40	5755	Ant2	87.63	0.57	2.94
NVNT	n40	5795	Ant2	88.11	0.55	2.93
NVNT	ac20	5745	Ant1	86.72	0.62	3.13
NVNT	ac20	5785	Ant1	86.76	0.62	3.12
NVNT	ac20	5825	Ant1	86.96	0.61	3.12
NVNT	ac20	5745	Ant2	86.96	0.61	3.13
NVNT	ac20	5785	Ant2	87.23	0.59	3.12
NVNT	ac20	5825	Ant2	87.47	0.58	3.12
NVNT	ac40	5755	Ant1	86.25	0.64	3.32
NVNT	ac40	5795	Ant1	86.25	0.64	3.32
NVNT	ac40	5755	Ant2	86.25	0.64	3.32
NVNT	ac40	5795	Ant2	86.49	0.63	3.32
NVNT	ac80	5775	Ant1	85.71	0.67	3.47
NVNT	ac80	5775	Ant2	85.46	0.68	3.47
NVNT	ax20	5745	Ant1	90.84	0.42	2.1
NVNT	ax20	5785	Ant1	91.01	0.41	2.1
NVNT	ax20	5825	Ant1	90.84	0.42	2.1
NVNT	ax20	5745	Ant2	90.65	0.43	2.11
NVNT	ax20	5785	Ant2	90.84	0.42	2.1
NVNT	ax20	5825	Ant2	90.84	0.42	2.1
NVNT	ax40	5755	Ant1	87.63	0.57	2.94
NVNT	ax40	5795	Ant1	87.63	0.57	2.94
NVNT	ax40	5755	Ant2	87.89	0.56	2.93
NVNT	ax40	5795	Ant2	87.63	0.57	2.94
NVNT	ax80	5775	Ant1	85.76	0.67	3.46
NVNT	ax80	5775	Ant2	85.71	0.67	3.47

Test Graphs

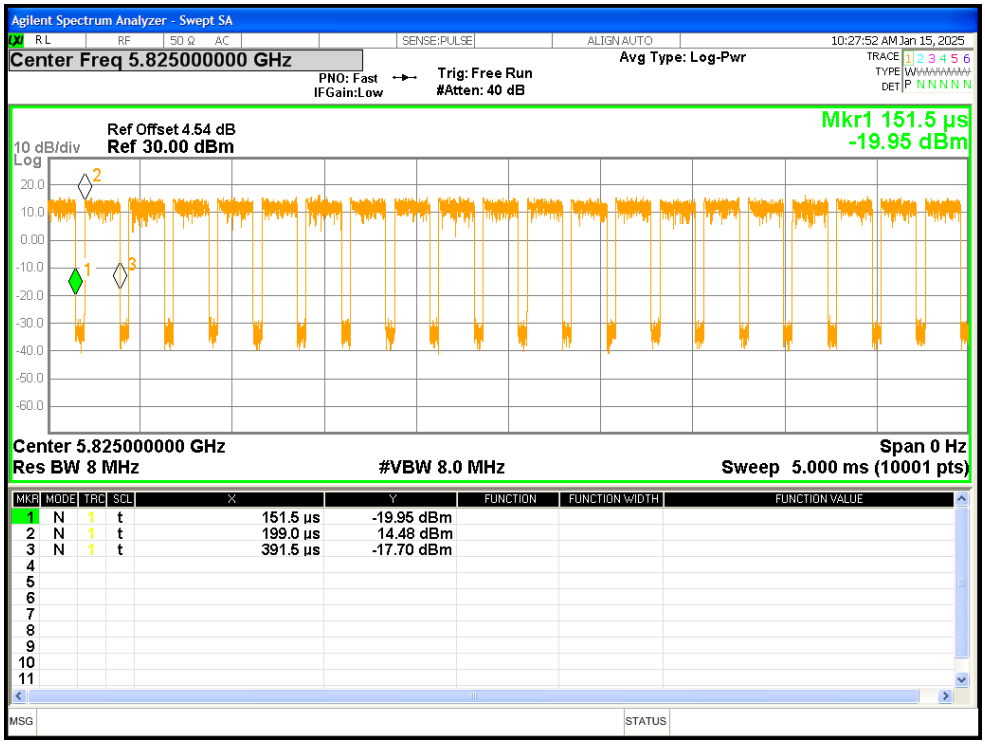
Duty Cycle NVNT a 5745MHz Ant1



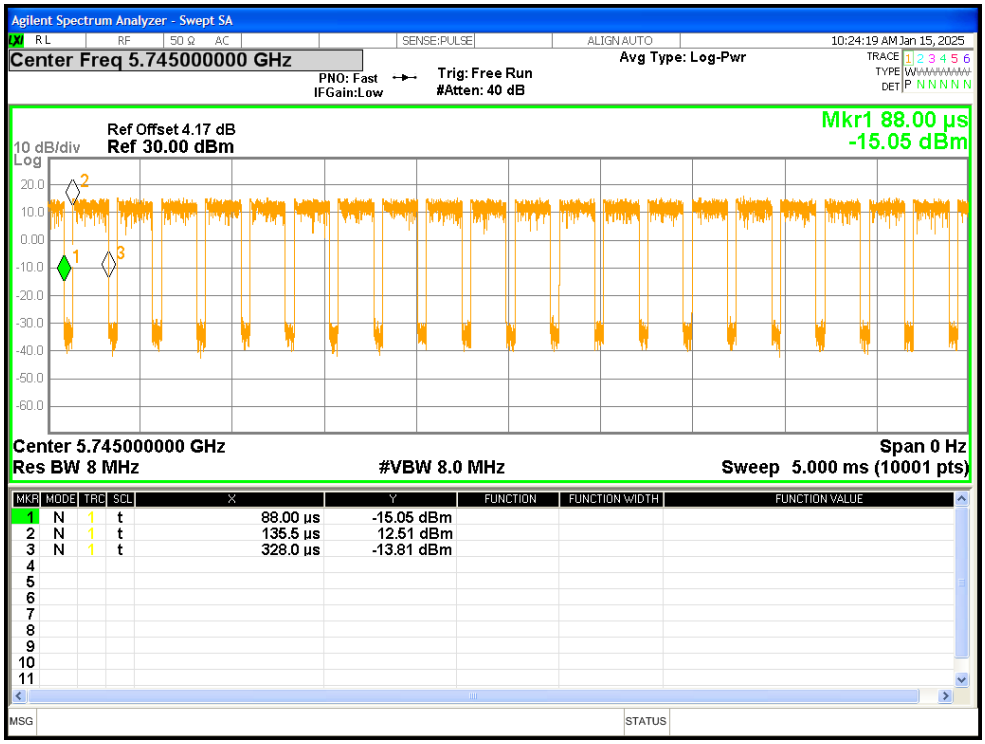
Duty Cycle NVNT a 5785MHz Ant1



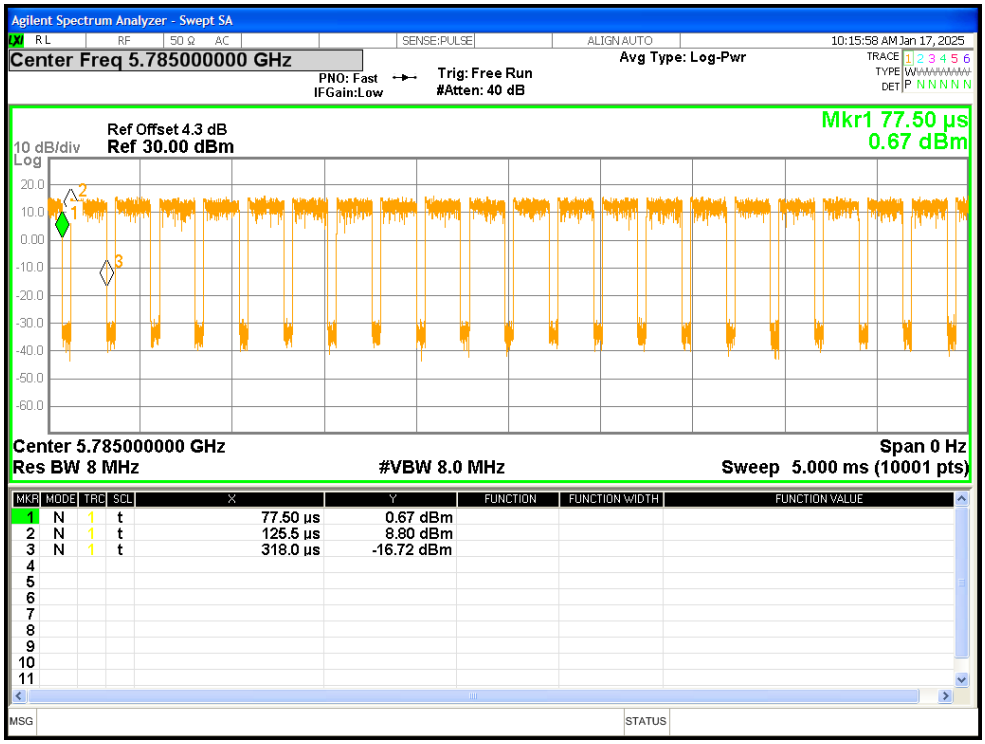
Duty Cycle NVNT a 5825MHz Ant1



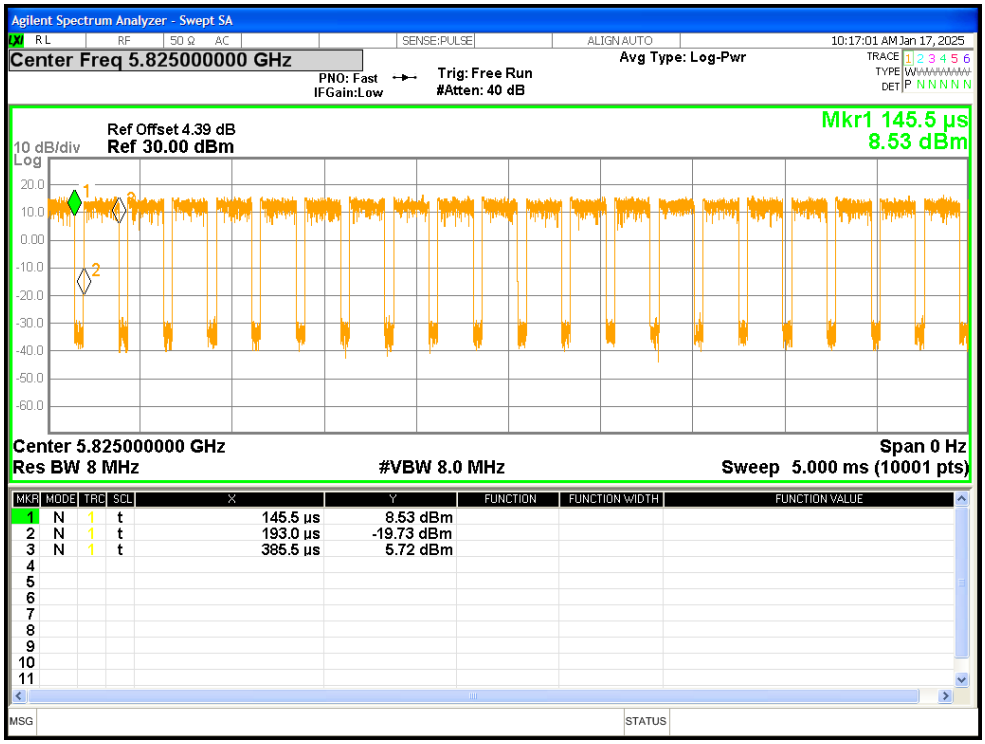
Duty Cycle NVNT a 5745MHz Ant2



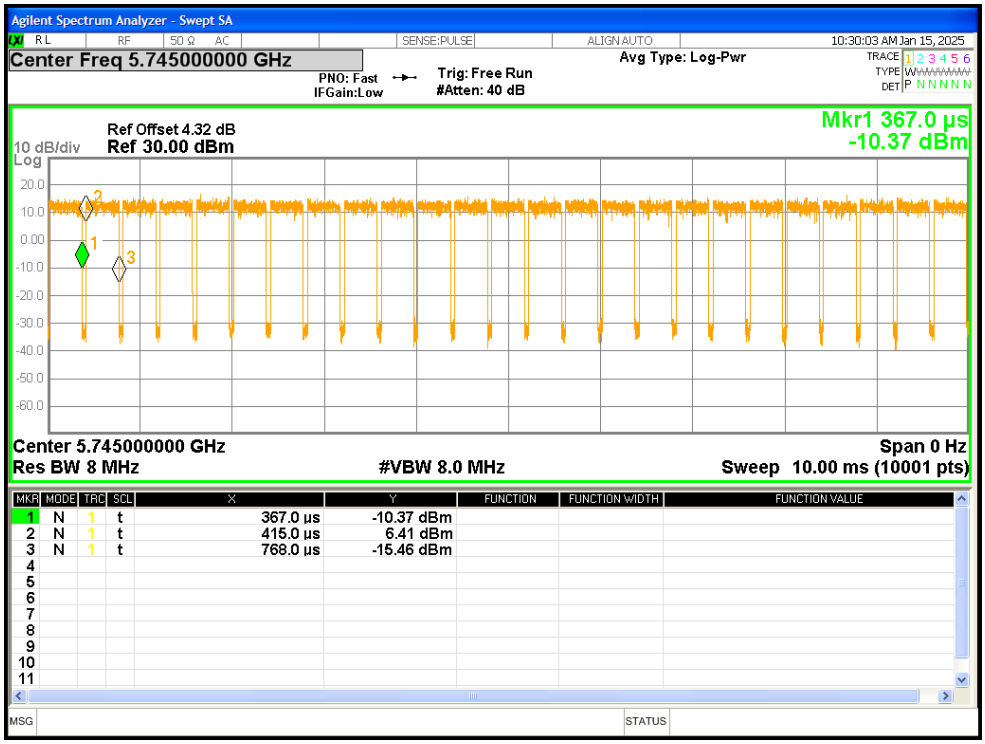
Duty Cycle NVNT a 5785MHz Ant2



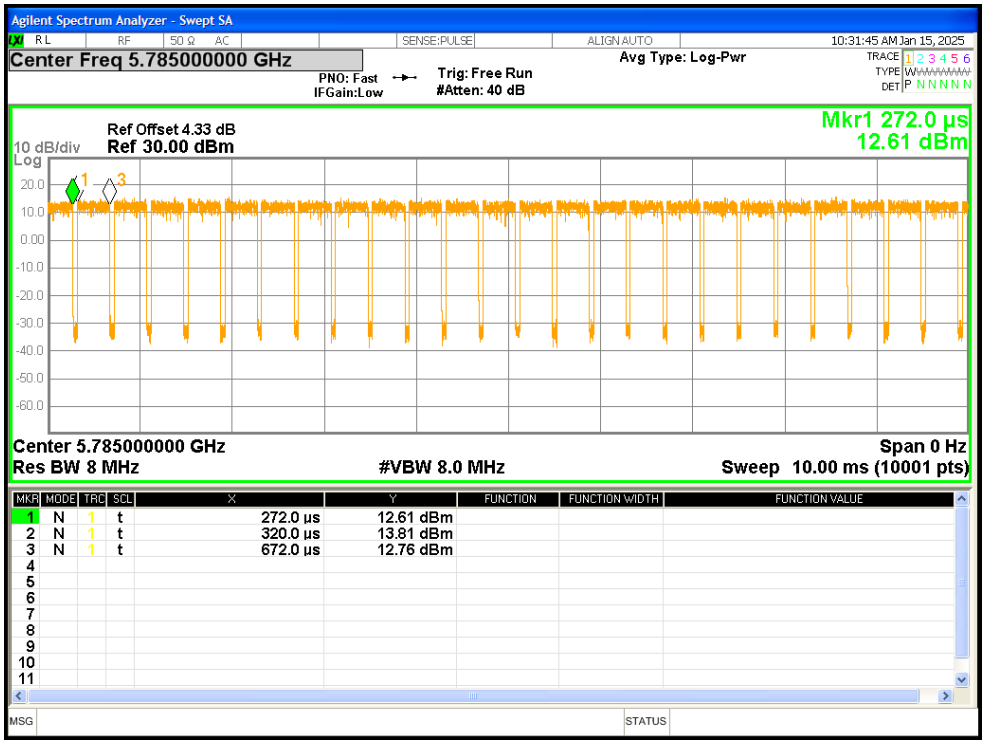
Duty Cycle NVNT a 5825MHz Ant2



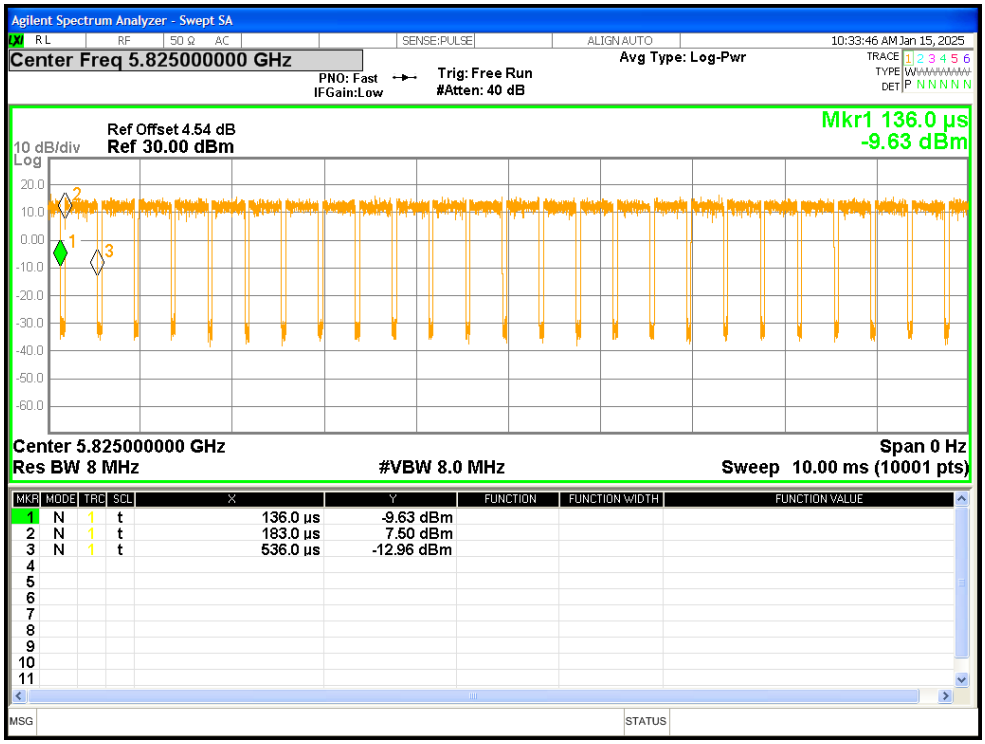
Duty Cycle NVNT n20 5745MHz Ant1



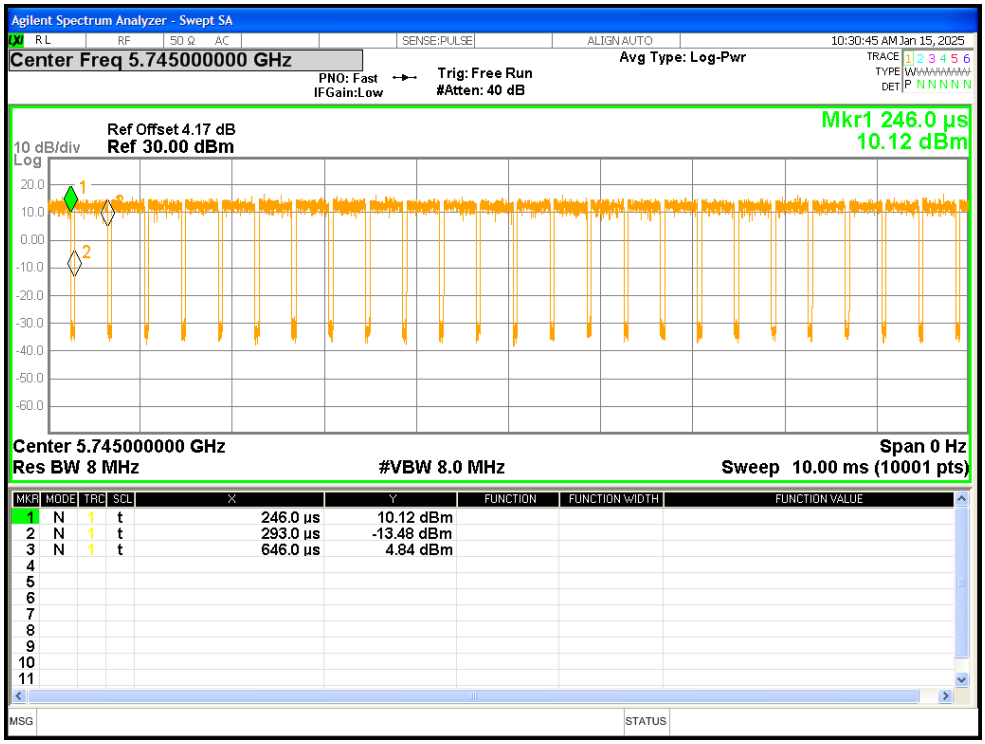
Duty Cycle NVNT n20 5785MHz Ant1



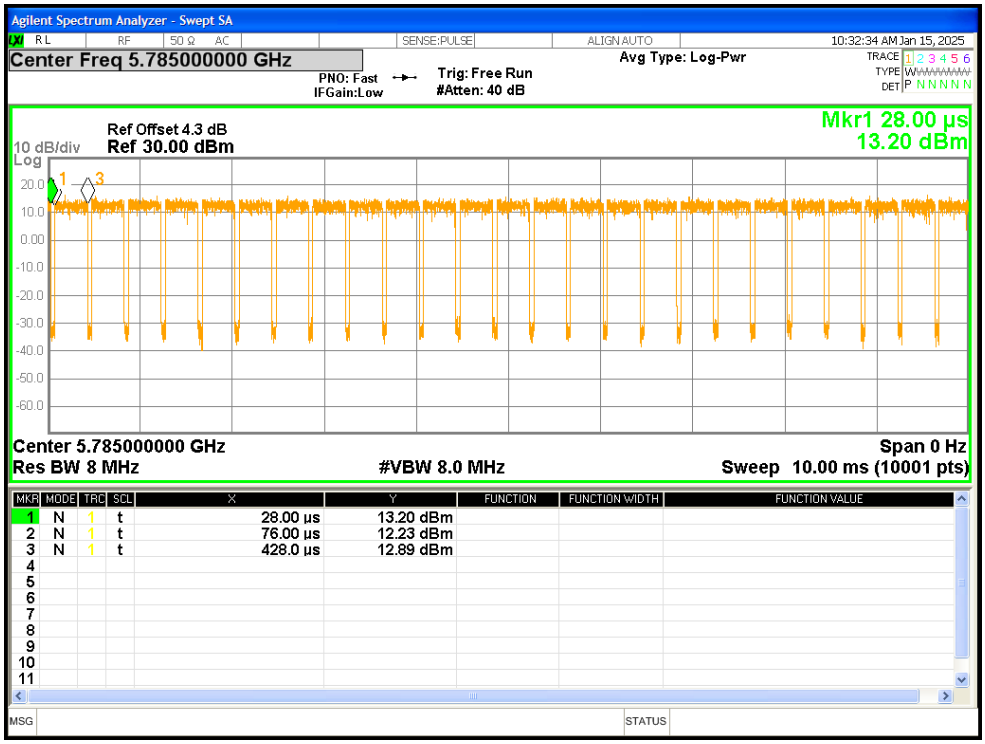
Duty Cycle NVNT n20 5825MHz Ant1



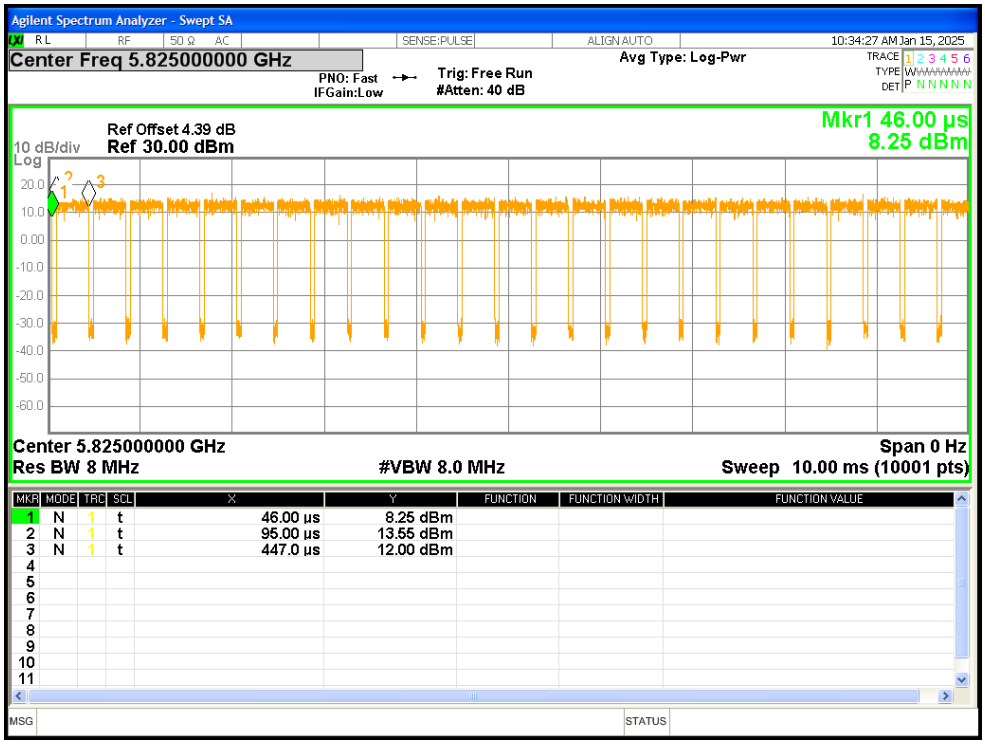
Duty Cycle NVNT n20 5745MHz Ant2



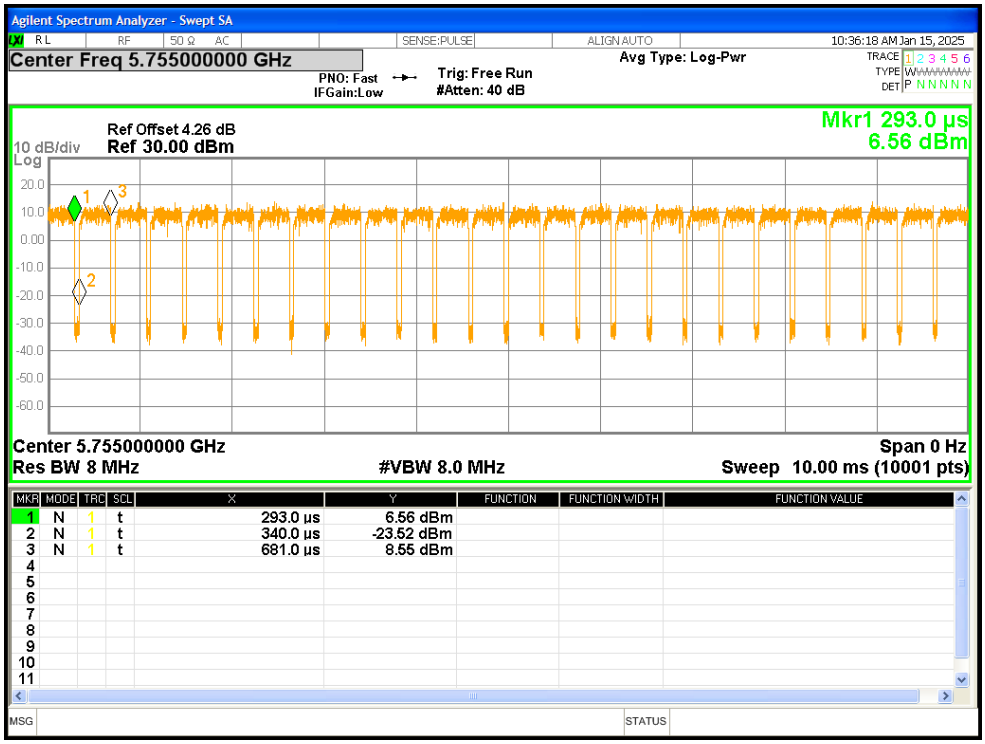
Duty Cycle NVNT n20 5785MHz Ant2



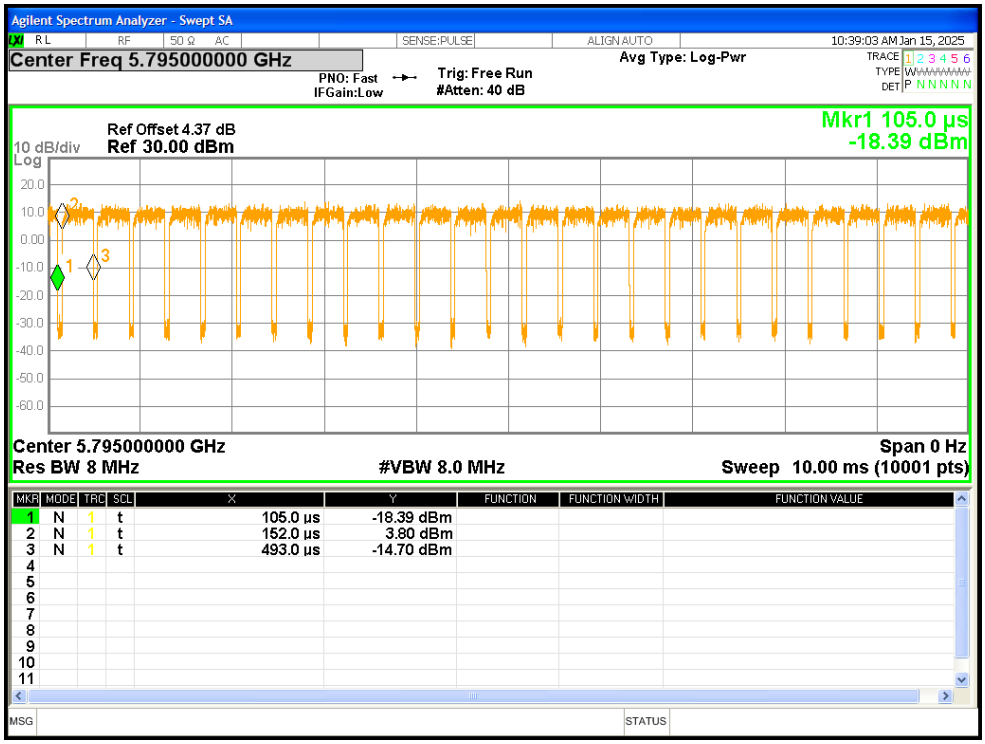
Duty Cycle NVNT n20 5825MHz Ant2



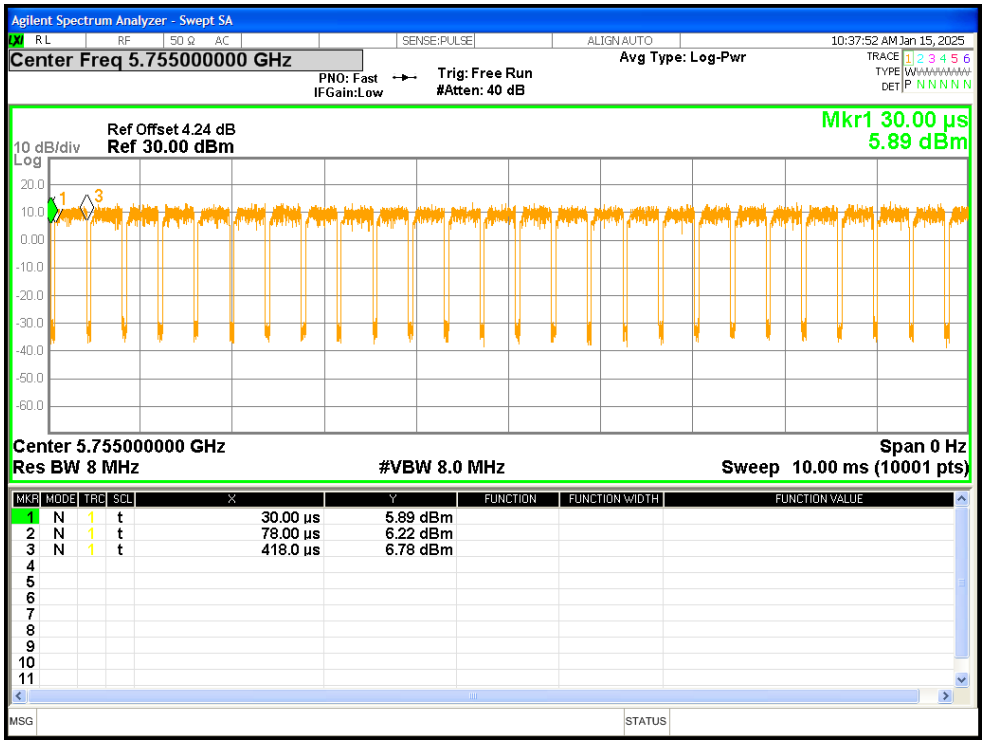
Duty Cycle NVNT n40 5755MHz Ant1



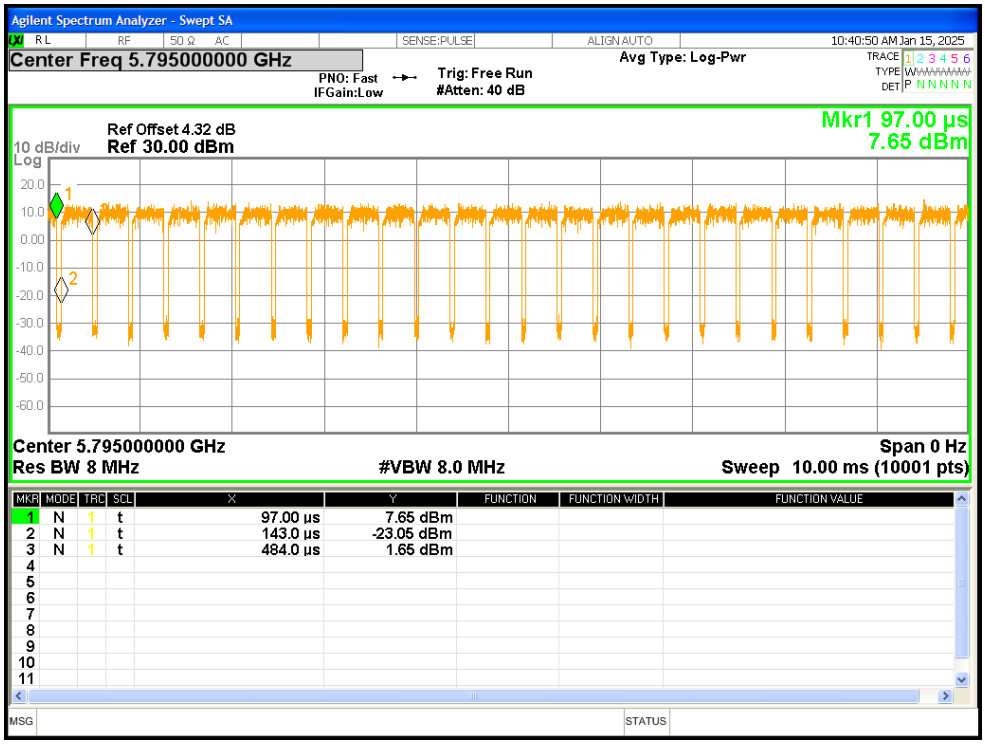
Duty Cycle NVNT n40 5795MHz Ant1



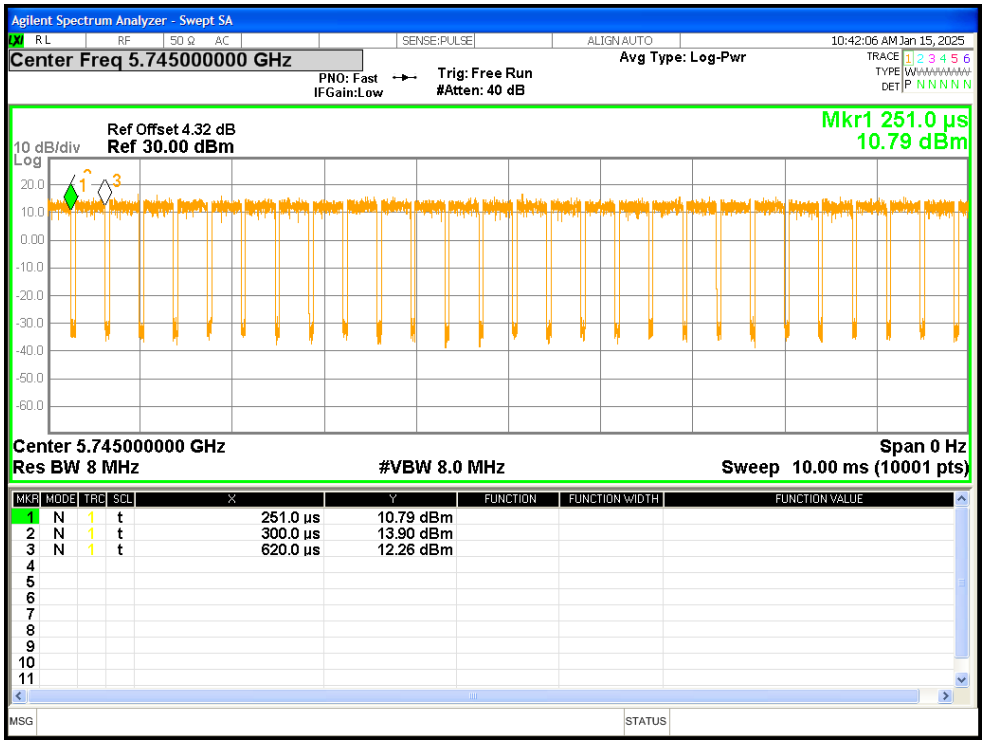
Duty Cycle NVNT n40 5755MHz Ant2



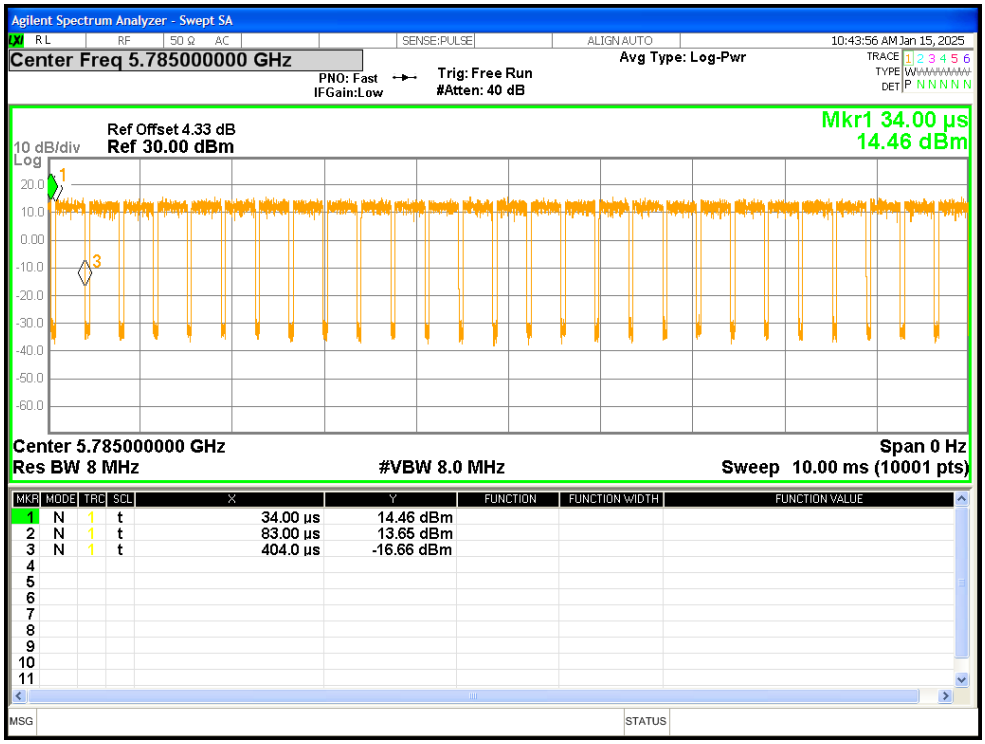
Duty Cycle NVNT n40 5795MHz Ant2



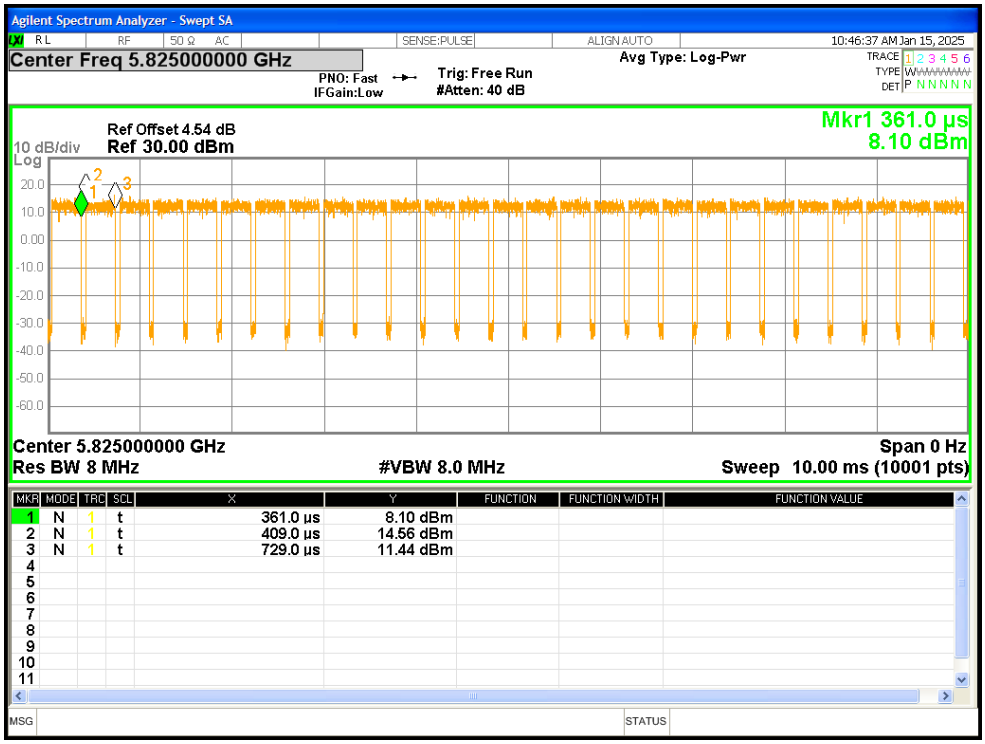
Duty Cycle NVNT ac20 5745MHz Ant1



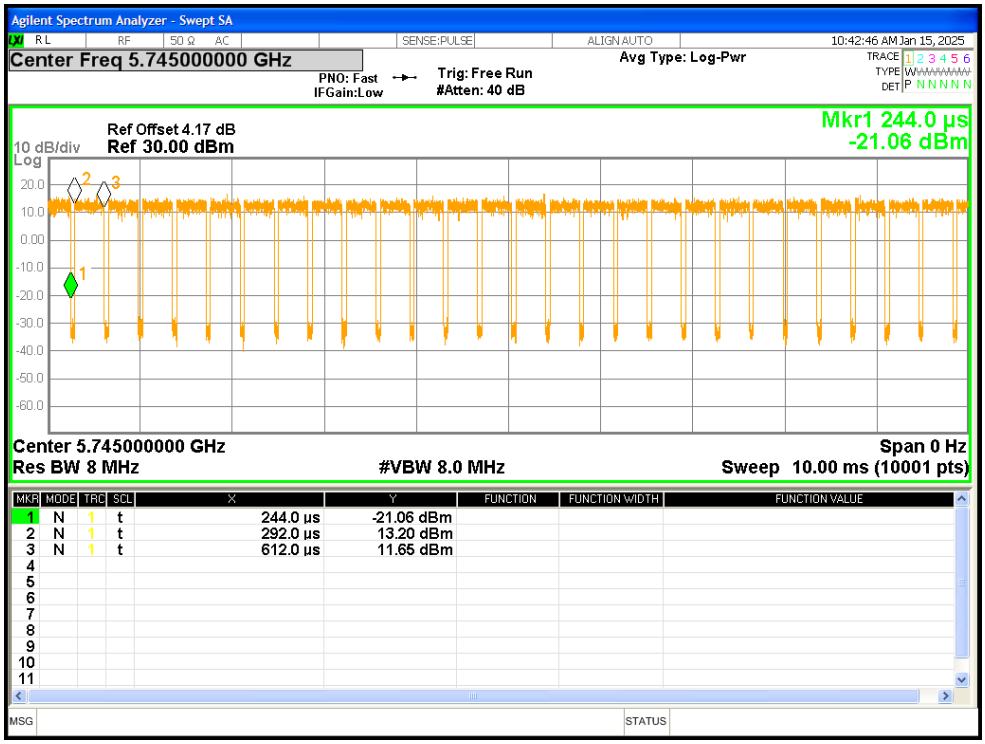
Duty Cycle NVNT ac20 5785MHz Ant1



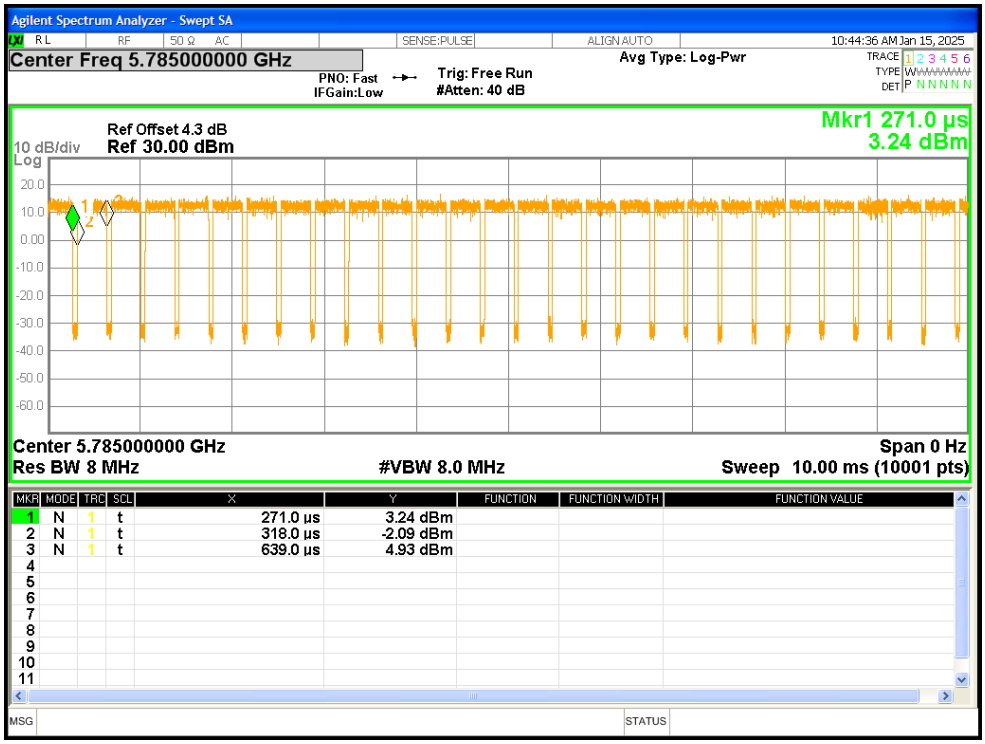
Duty Cycle NVNT ac20 5825MHz Ant1



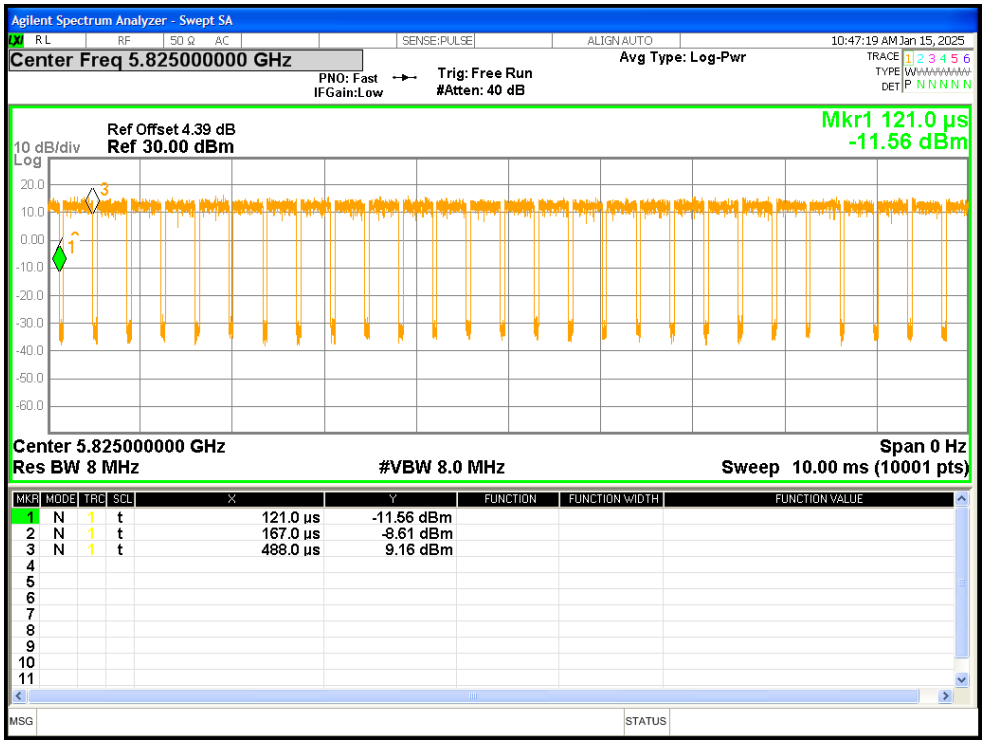
Duty Cycle NVNT ac20 5745MHz Ant2



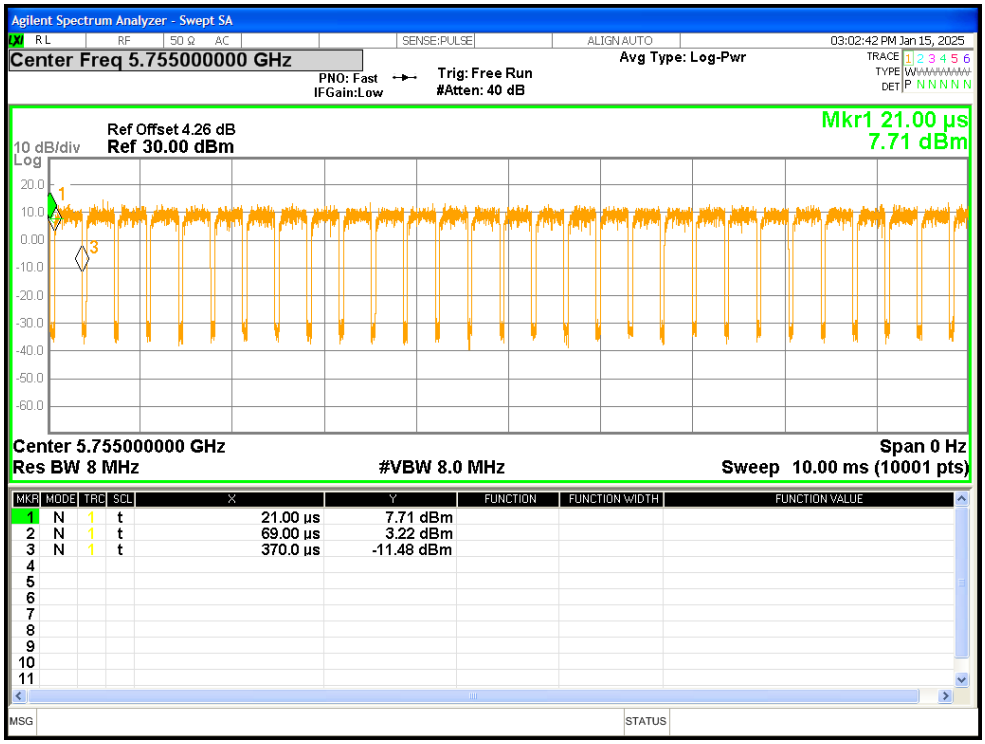
Duty Cycle NVNT ac20 5785MHz Ant2



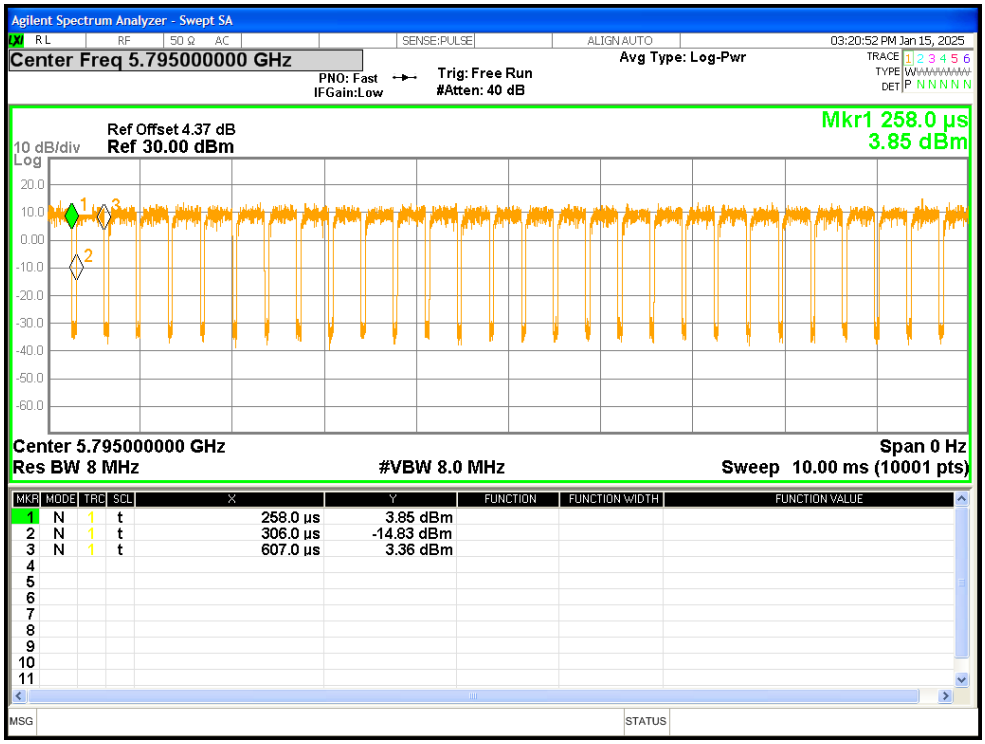
Duty Cycle NVNT ac20 5825MHz Ant2



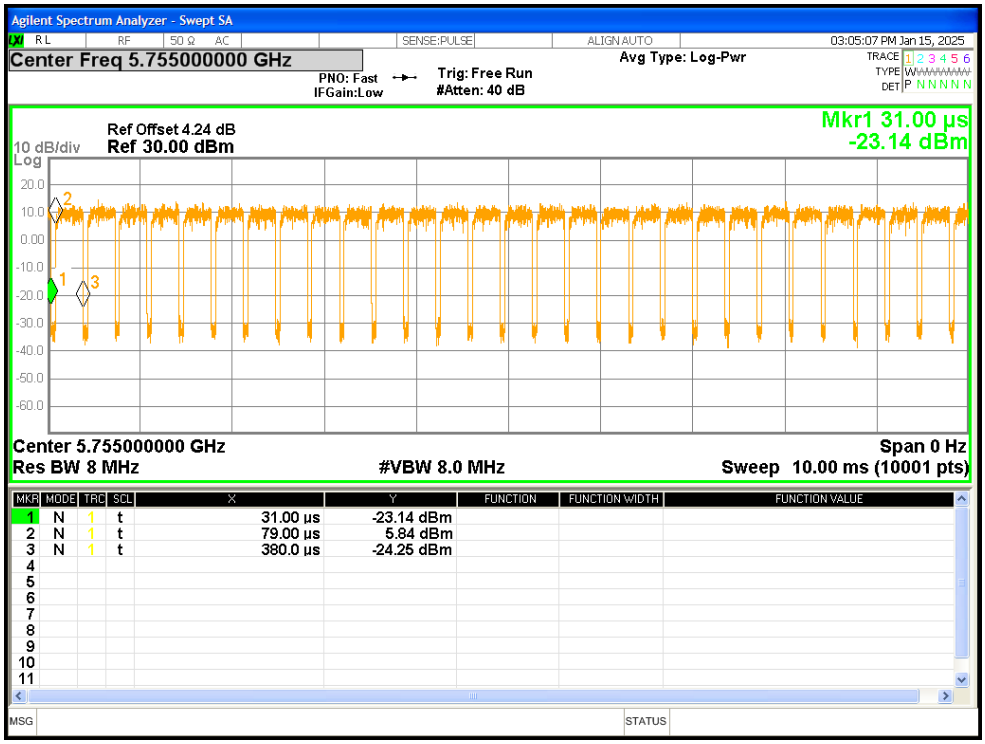
Duty Cycle NVNT ac40 5755MHz Ant1



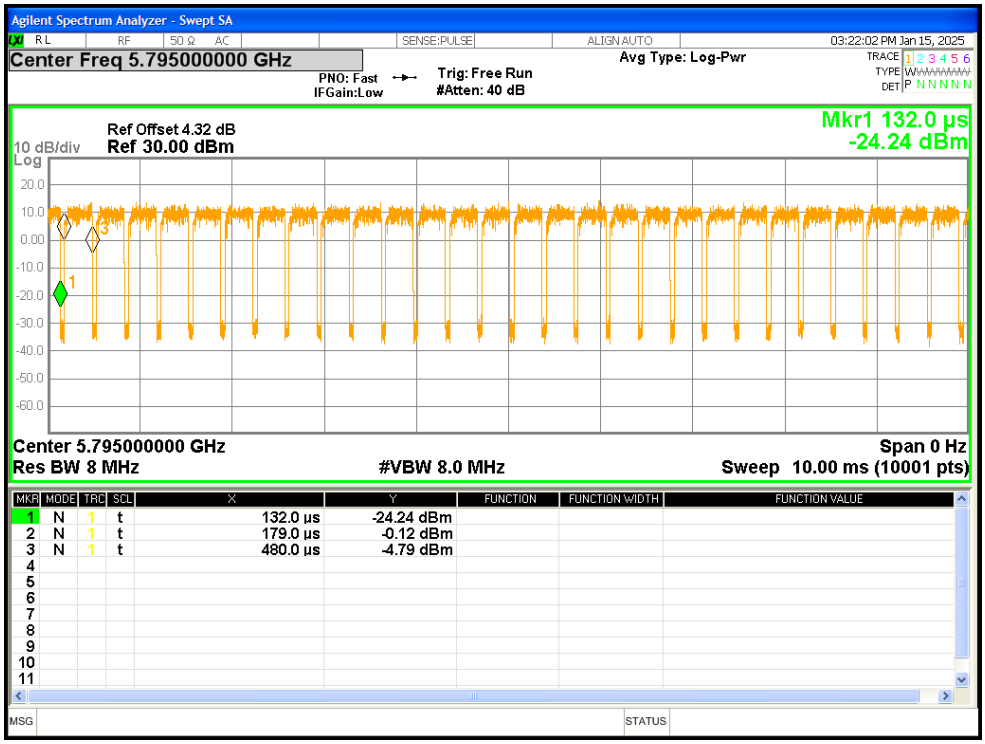
Duty Cycle NVNT ac40 5795MHz Ant1



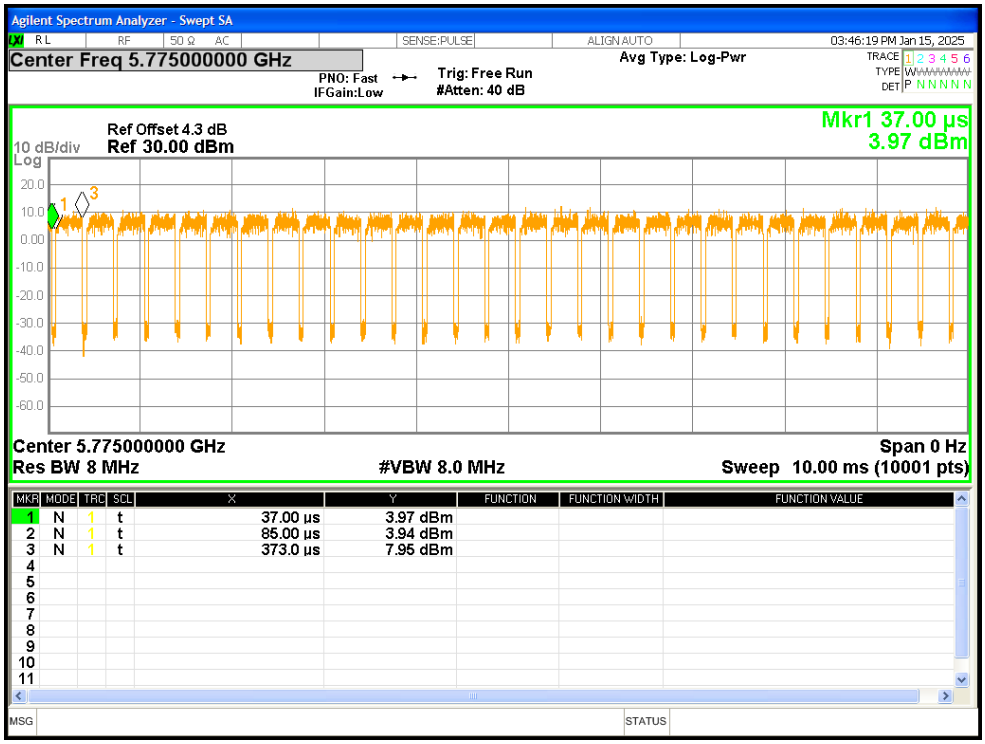
Duty Cycle NVNT ac40 5755MHz Ant2



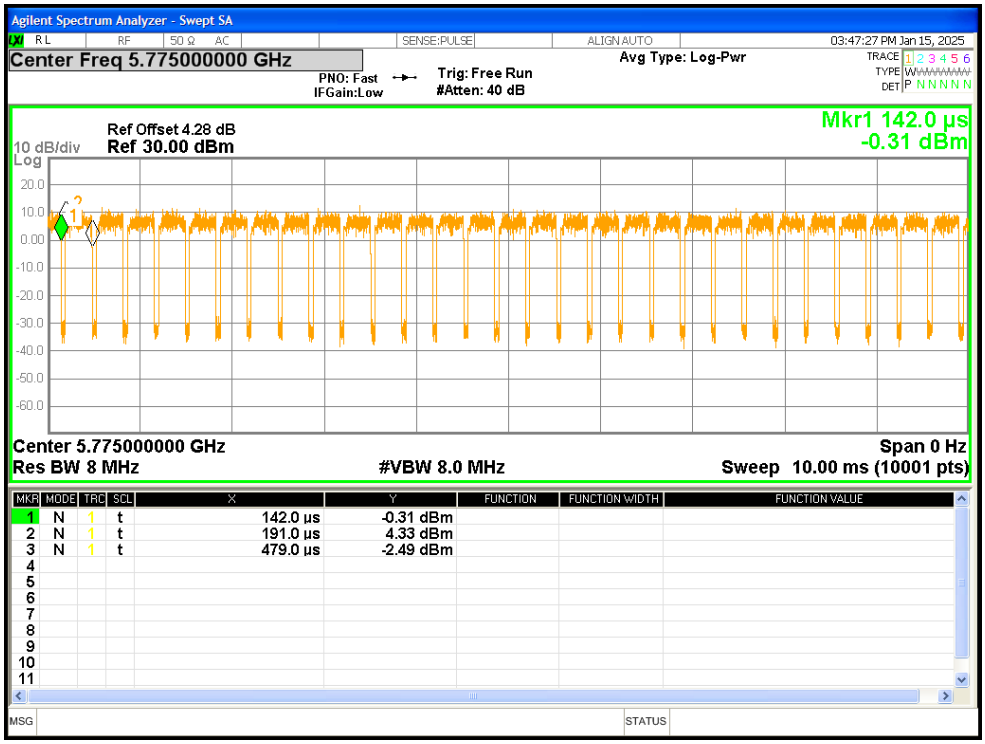
Duty Cycle NVNT ac40 5795MHz Ant2



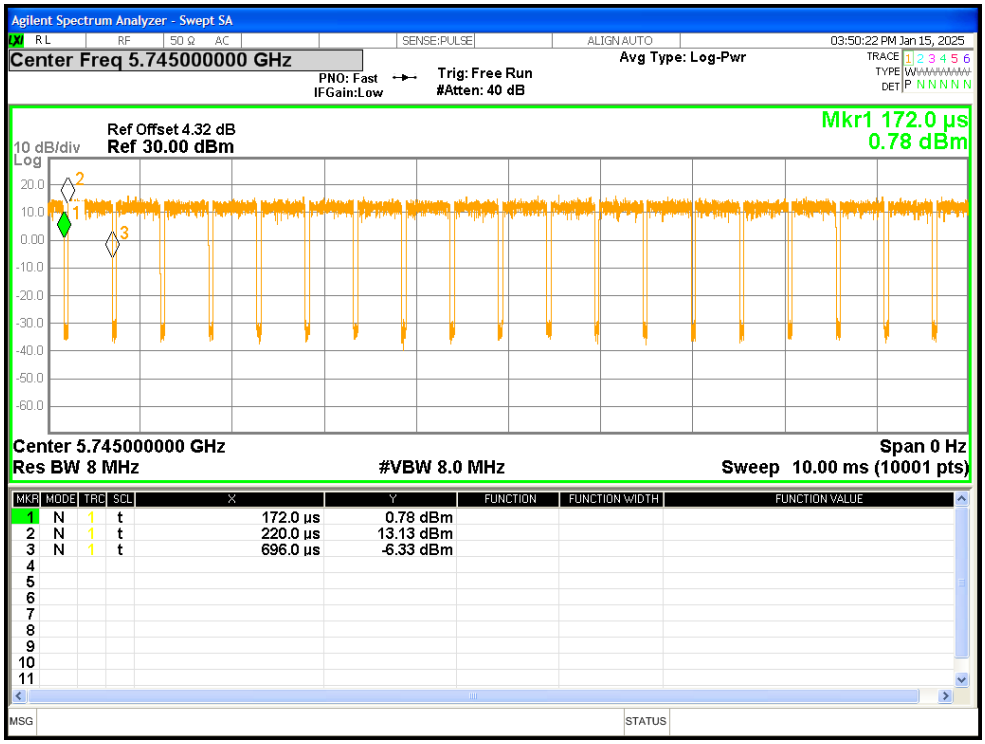
Duty Cycle NVNT ac80 5775MHz Ant1



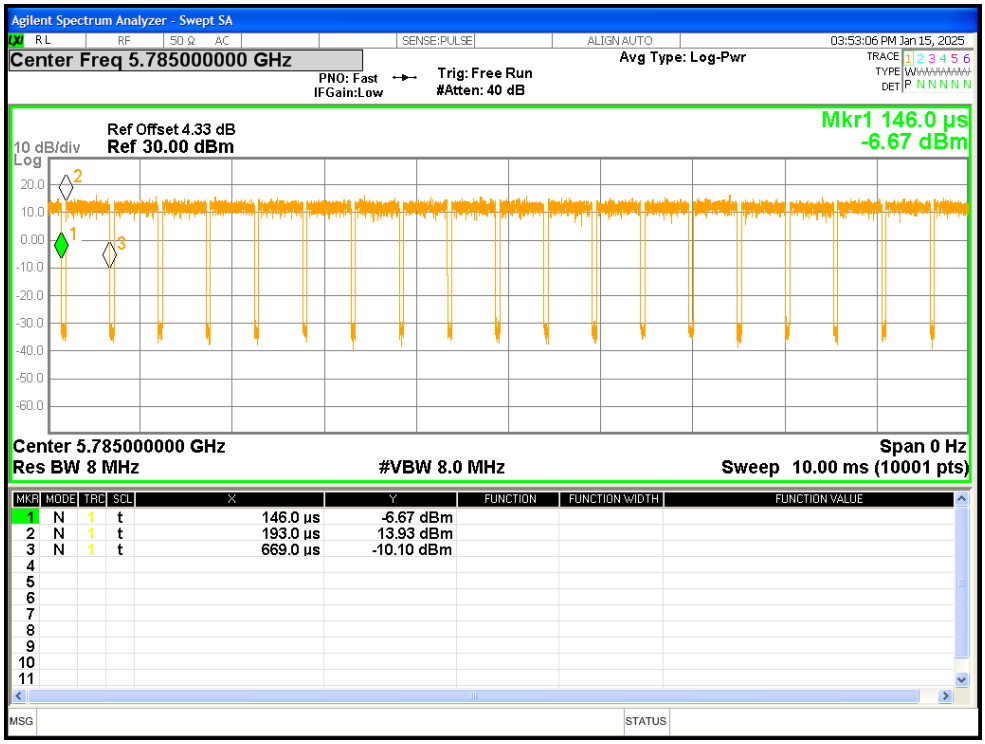
Duty Cycle NVNT ac80 5775MHz Ant2



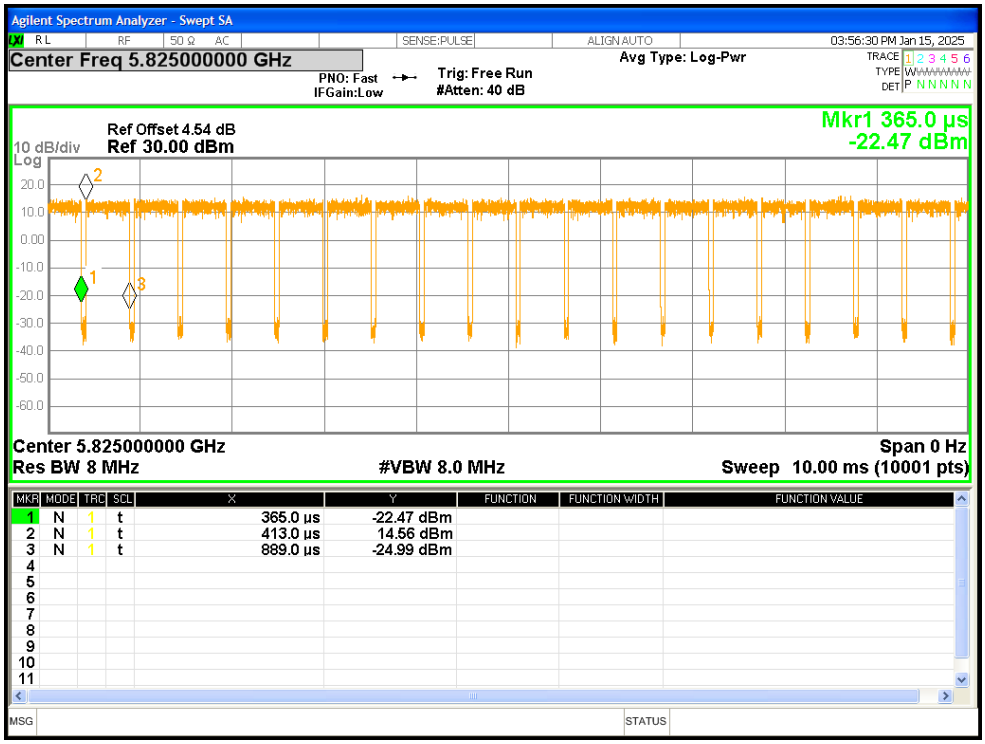
Duty Cycle NVNT ax20 5745MHz Ant1



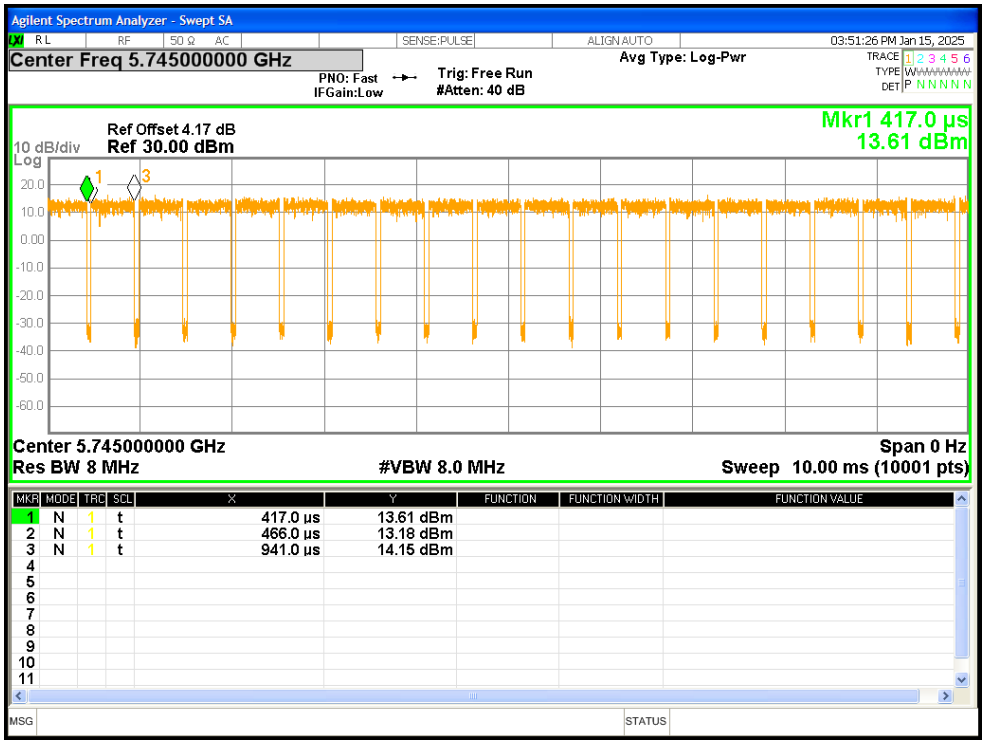
Duty Cycle NVNT ax20 5785MHz Ant1



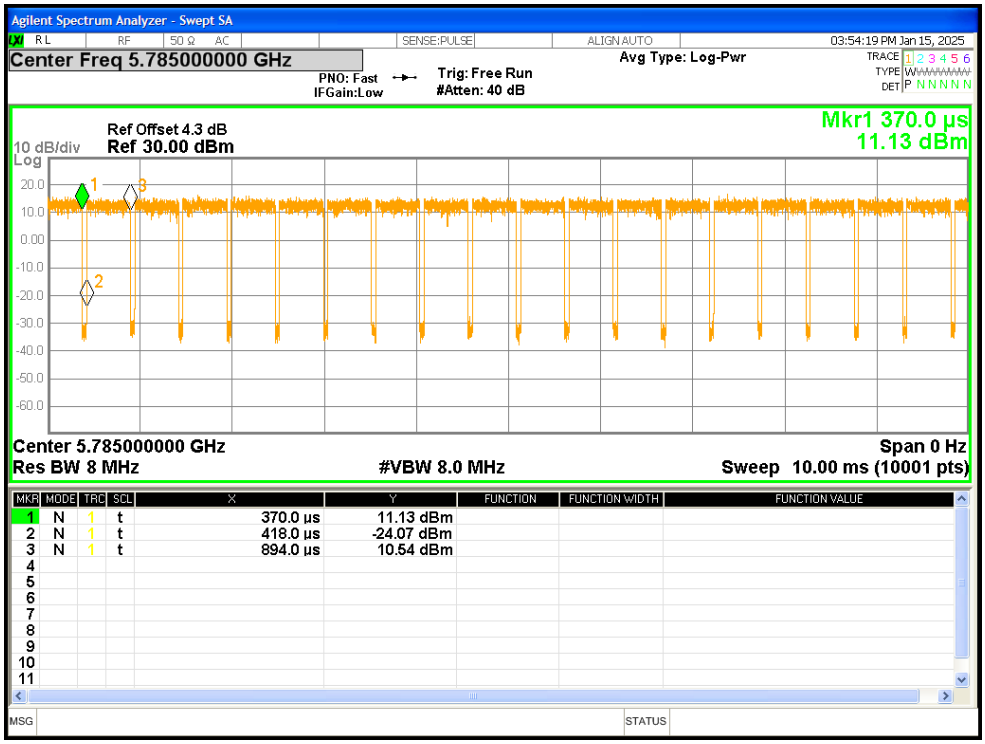
Duty Cycle NVNT ax20 5825MHz Ant1



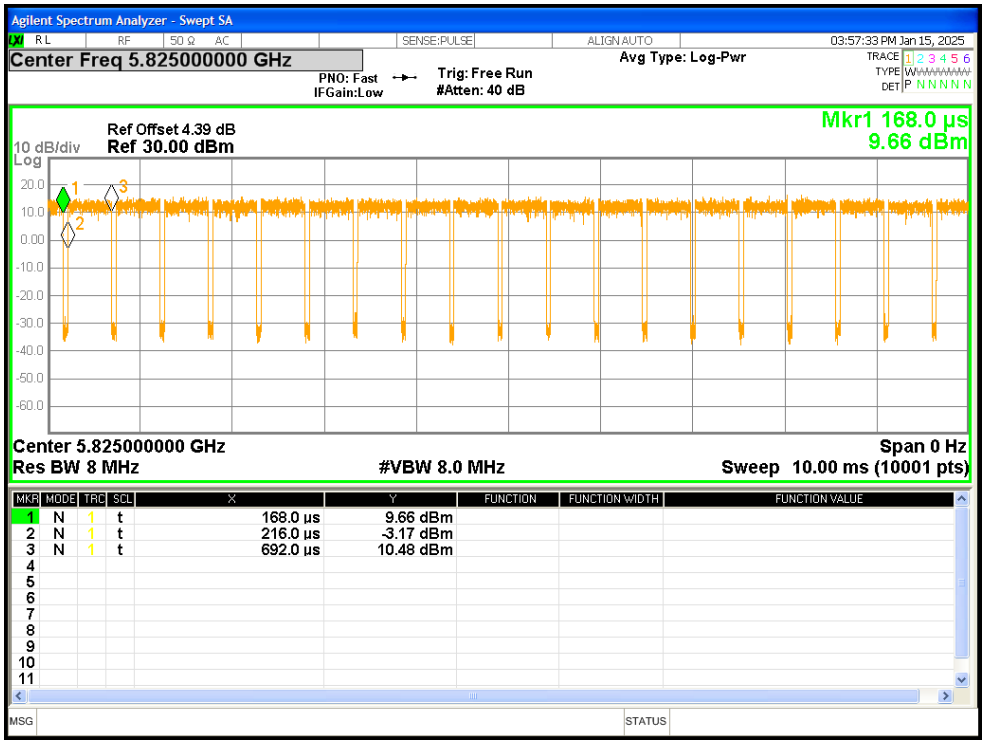
Duty Cycle NVNT ax20 5745MHz Ant2



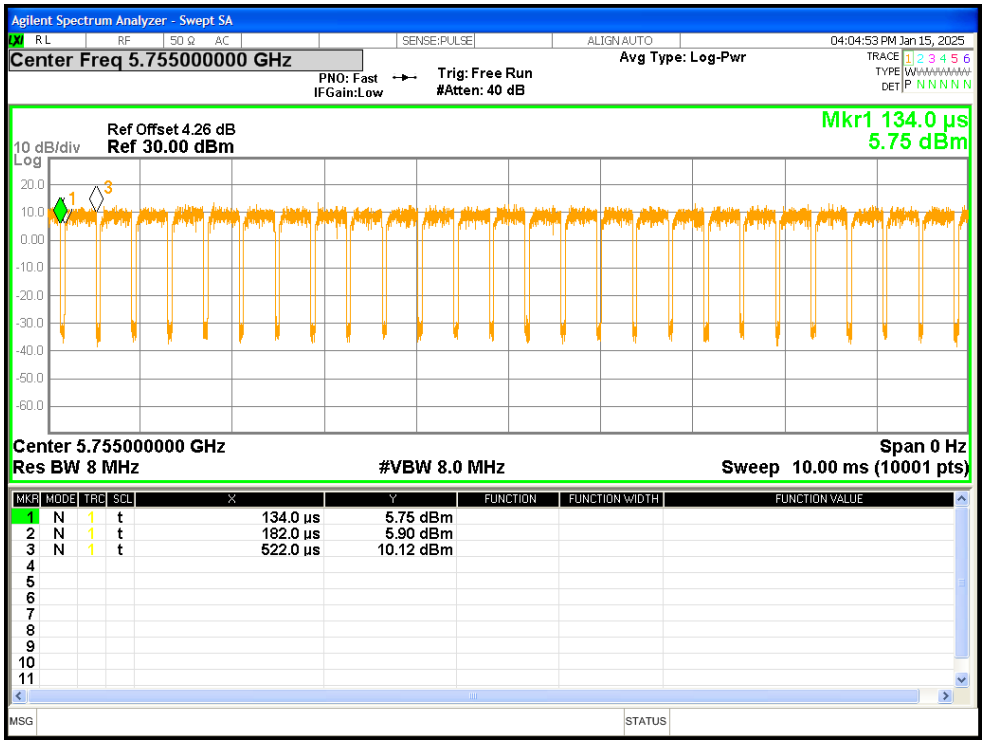
Duty Cycle NVNT ax20 5785MHz Ant2



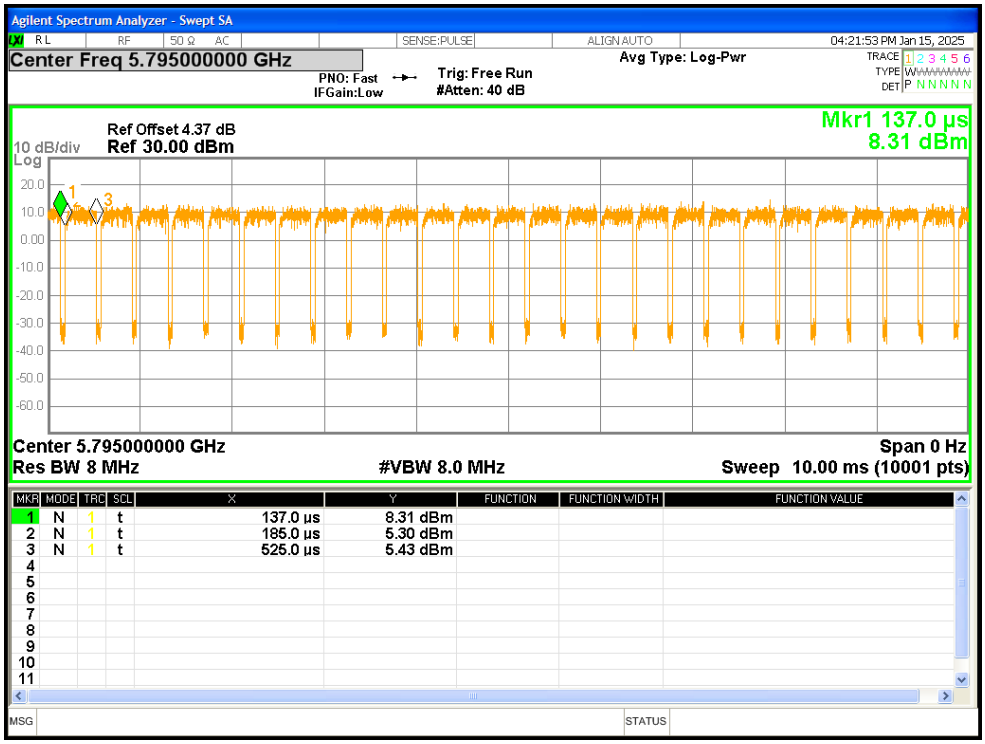
Duty Cycle NVNT ax20 5825MHz Ant2



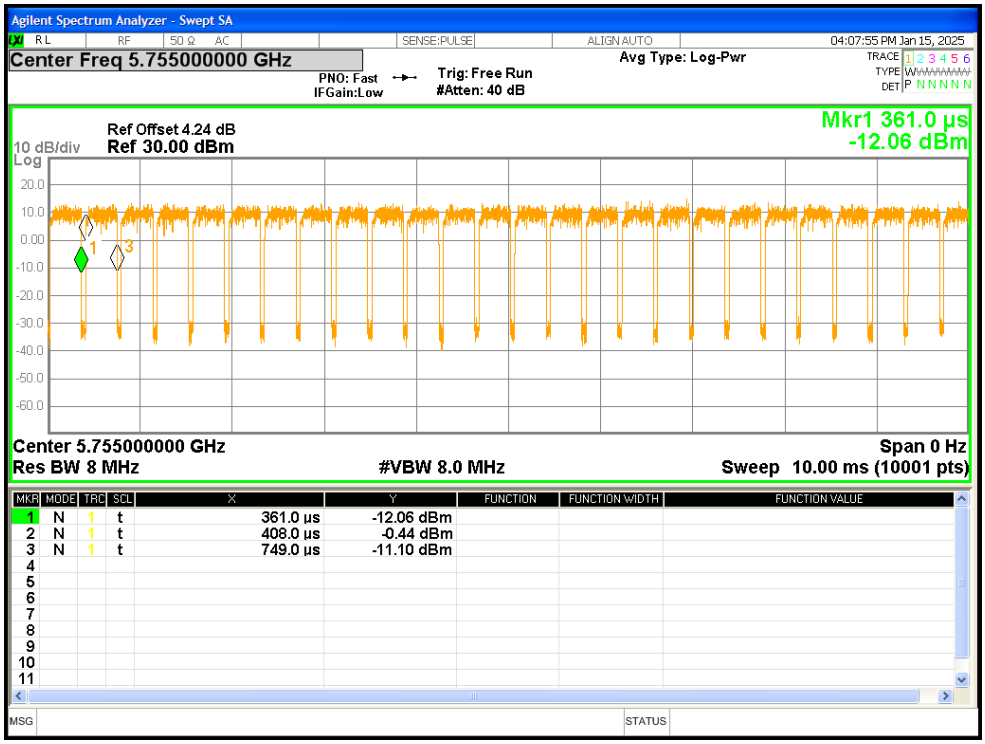
Duty Cycle NVNT ax40 5755MHz Ant1



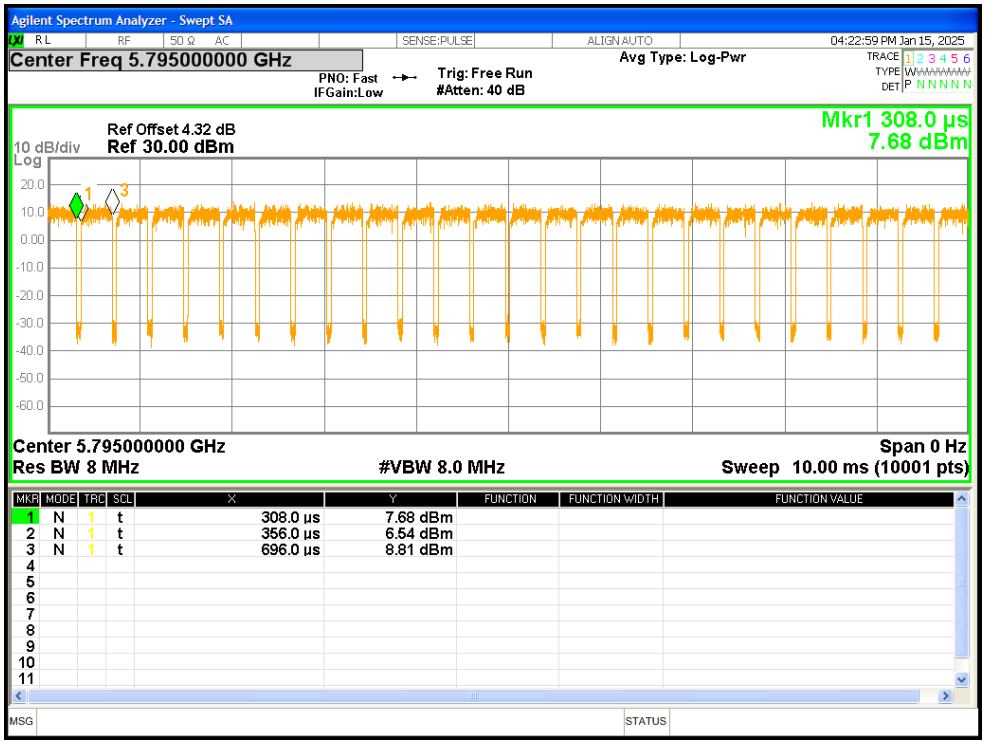
Duty Cycle NVNT ax40 5795MHz Ant1



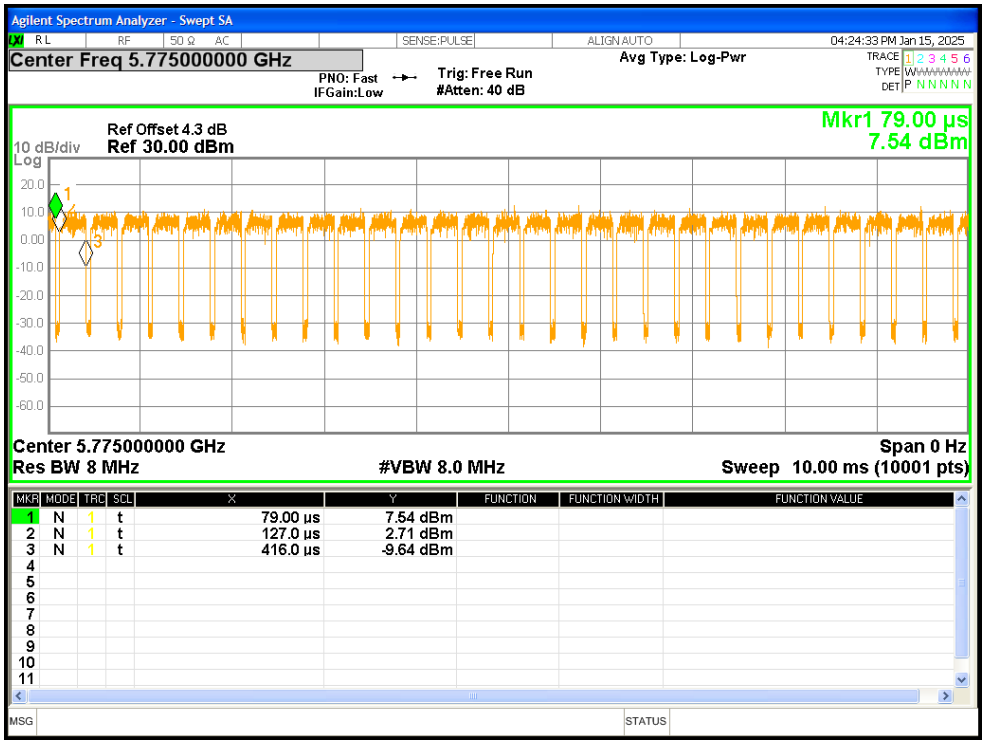
Duty Cycle NVNT ax40 5755MHz Ant2



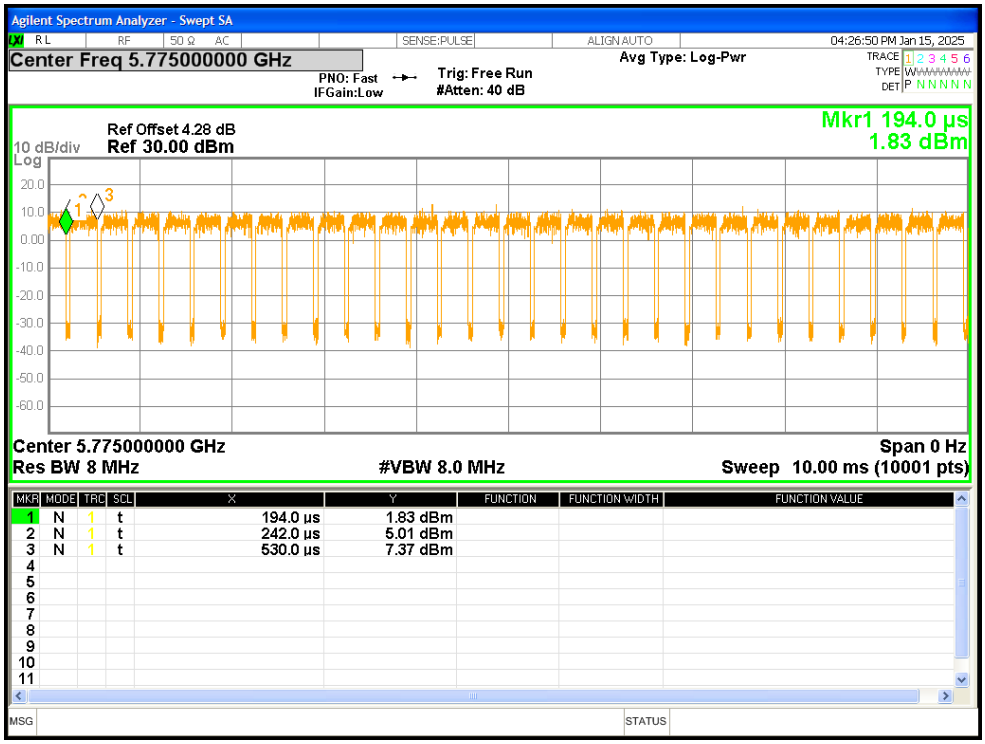
Duty Cycle NVNT ax40 5795MHz Ant2



Duty Cycle NVNT ax80 5775MHz Ant1



Duty Cycle NVNT ax80 5775MHz Ant2



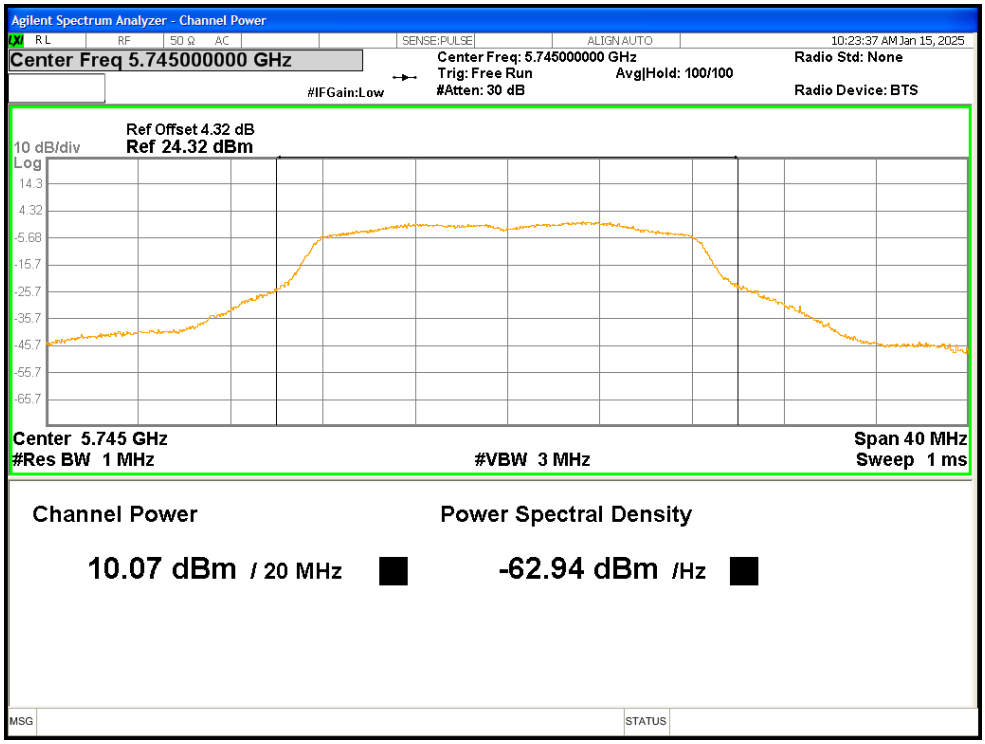
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.07	0.95	11.02	<=30	Pass
NVNT	a	5785	Ant1	10.09	0.96	11.05	<=30	Pass
NVNT	a	5825	Ant1	10.38	0.96	11.34	<=30	Pass
NVNT	a	5745	Ant2	10.29	0.96	11.25	<=30	Pass
NVNT	a	5785	Ant2	10.74	0.97	11.71	<=30	Pass
NVNT	a	5825	Ant2	10.66	0.96	11.62	<=30	Pass
NVNT	n20	5745	Ant1	10.31	0.55	10.86	<=30	Pass
NVNT	n20	5785	Ant1	10.4	0.56	10.96	<=30	Pass
NVNT	n20	5825	Ant1	10.67	0.54	11.21	<=30	Pass
NVNT	n20	5745	Ant2	10.59	0.54	11.13	<=30	Pass
NVNT	n20	5785	Ant2	10.76	0.56	11.32	<=30	Pass
NVNT	n20	5825	Ant2	10.65	0.57	11.22	<=30	Pass
NVNT	n40	5755	Ant1	10.76	0.56	11.32	<=30	Pass
NVNT	n40	5795	Ant1	10.83	0.56	11.39	<=30	Pass
NVNT	n40	5755	Ant2	11.04	0.57	11.61	<=30	Pass
NVNT	n40	5795	Ant2	11.14	0.55	11.69	<=30	Pass
NVNT	ac20	5745	Ant1	10.41	0.62	11.03	<=30	Pass
NVNT	ac20	5785	Ant1	10.34	0.62	10.96	<=30	Pass
NVNT	ac20	5825	Ant1	10.73	0.61	11.34	<=30	Pass
NVNT	ac20	5745	Ant2	10.51	0.61	11.12	<=30	Pass
NVNT	ac20	5785	Ant2	10.83	0.59	11.42	<=30	Pass
NVNT	ac20	5825	Ant2	10.57	0.58	11.15	<=30	Pass
NVNT	ac40	5755	Ant1	10.54	0.64	11.18	<=30	Pass
NVNT	ac40	5795	Ant1	10.69	0.64	11.33	<=30	Pass
NVNT	ac40	5755	Ant2	11.03	0.64	11.67	<=30	Pass
NVNT	ac40	5795	Ant2	10.94	0.63	11.57	<=30	Pass
NVNT	ac80	5775	Ant1	10.34	0.67	11.01	<=30	Pass
NVNT	ac80	5775	Ant2	10.74	0.68	11.42	<=30	Pass
NVNT	ax20	5745	Ant1	10.57	0.42	10.99	<=30	Pass
NVNT	ax20	5785	Ant1	10.61	0.41	11.02	<=30	Pass
NVNT	ax20	5825	Ant1	10.94	0.42	11.36	<=30	Pass
NVNT	ax20	5745	Ant2	10.88	0.43	11.31	<=30	Pass
NVNT	ax20	5785	Ant2	10.98	0.42	11.4	<=30	Pass
NVNT	ax20	5825	Ant2	10.81	0.42	11.23	<=30	Pass
NVNT	ax40	5755	Ant1	10.78	0.57	11.35	<=30	Pass
NVNT	ax40	5795	Ant1	10.86	0.57	11.43	<=30	Pass
NVNT	ax40	5755	Ant2	11.06	0.56	11.62	<=30	Pass
NVNT	ax40	5795	Ant2	10.96	0.57	11.53	<=30	Pass
NVNT	ax80	5775	Ant1	10.41	0.67	11.08	<=30	Pass

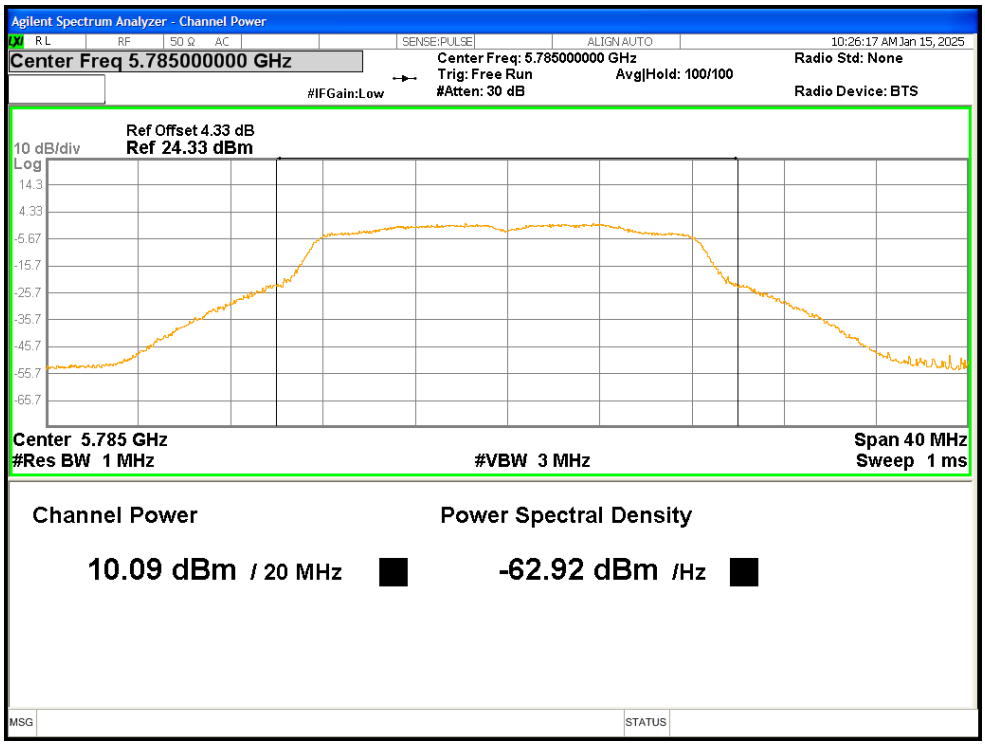
NVNT	ax80	5775	Ant2	10.77	0.67	11.44	<=30	Pass

Test Graphs

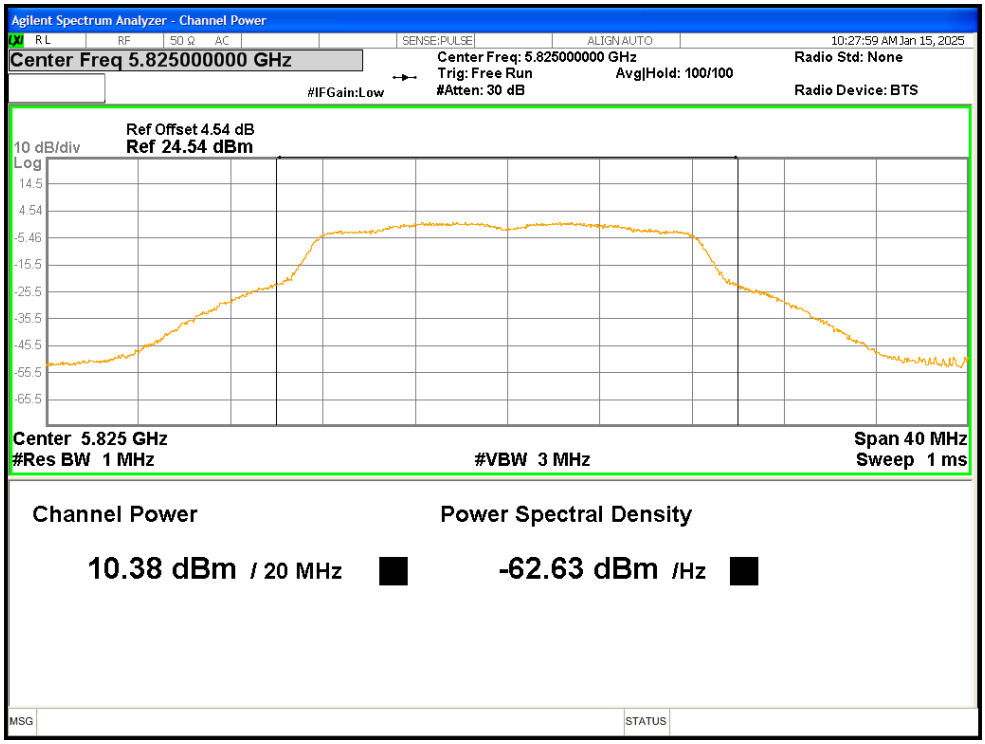
Power NVNT a 5745MHz Ant1



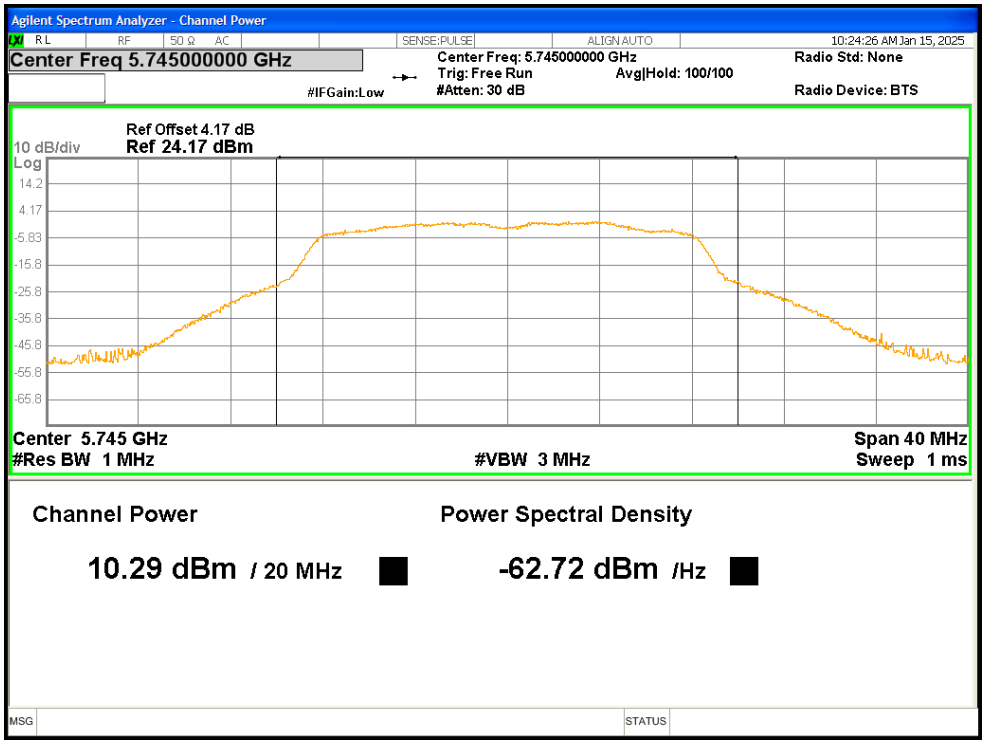
Power NVNT a 5785MHz Ant1



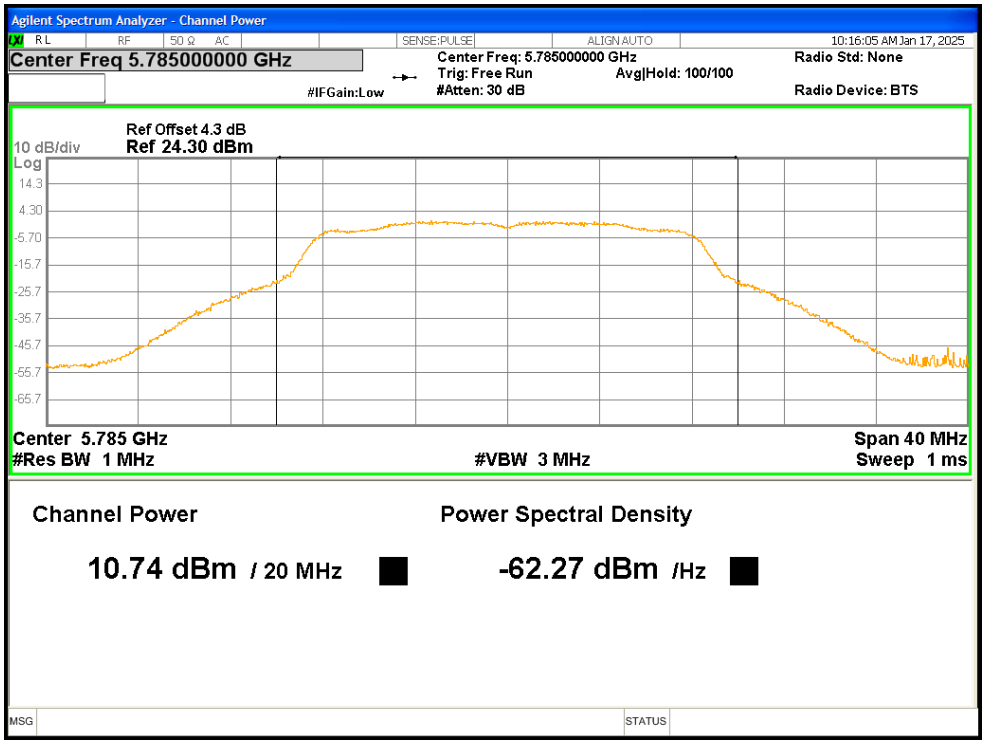
Power NVNT a 5825MHz Ant1



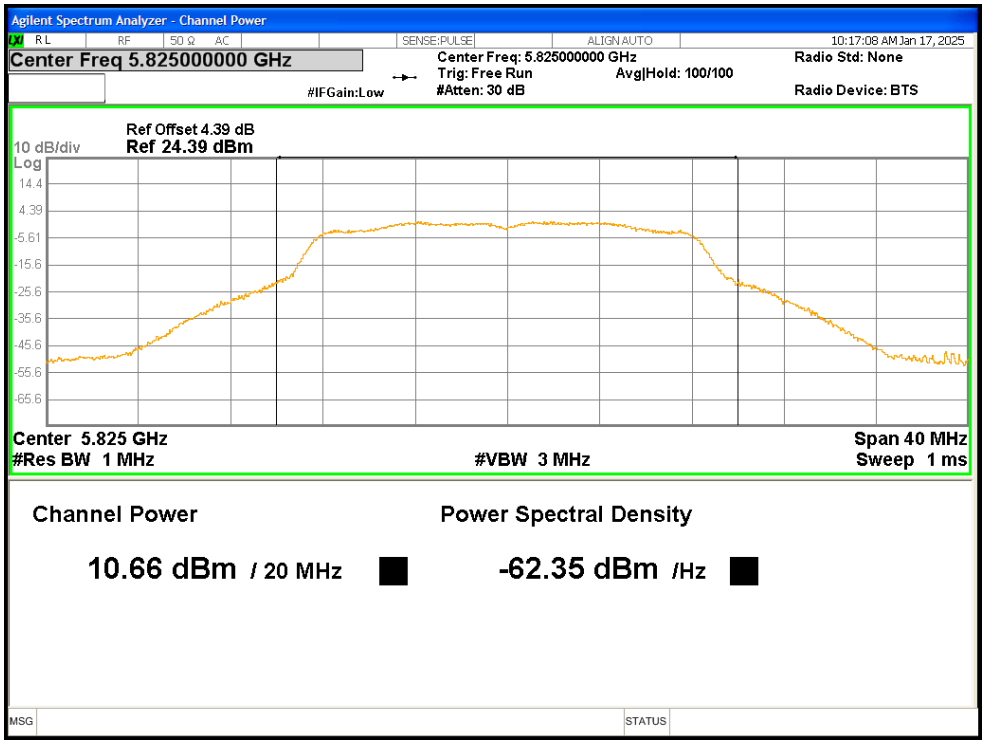
Power NVNT a 5745MHz Ant2



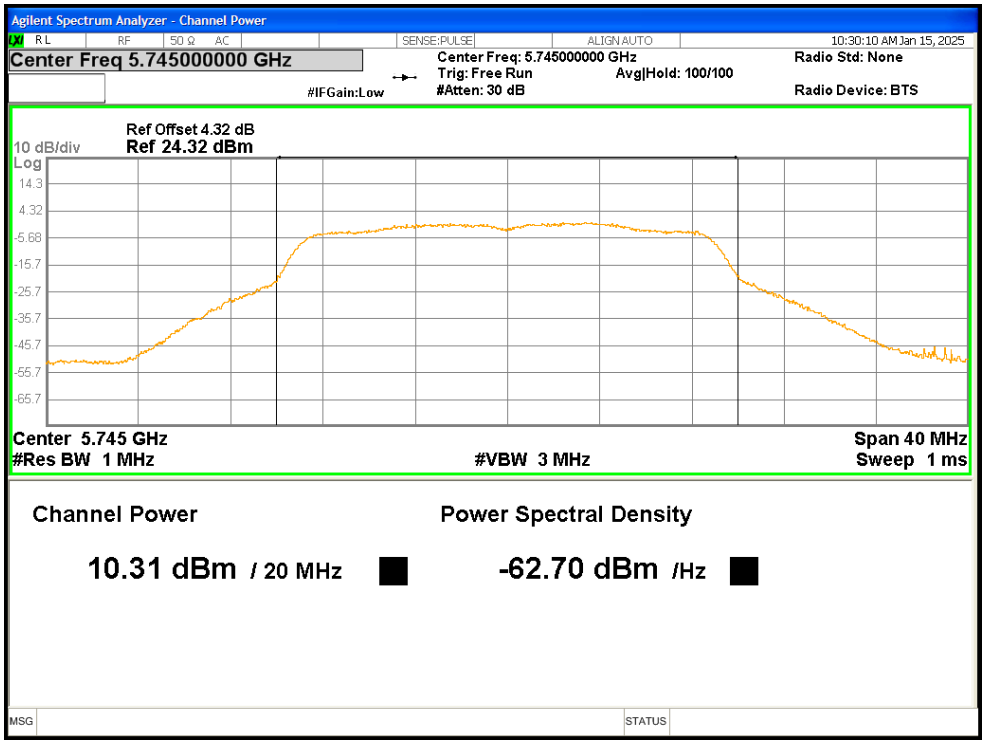
Power NVNT a 5785MHz Ant2



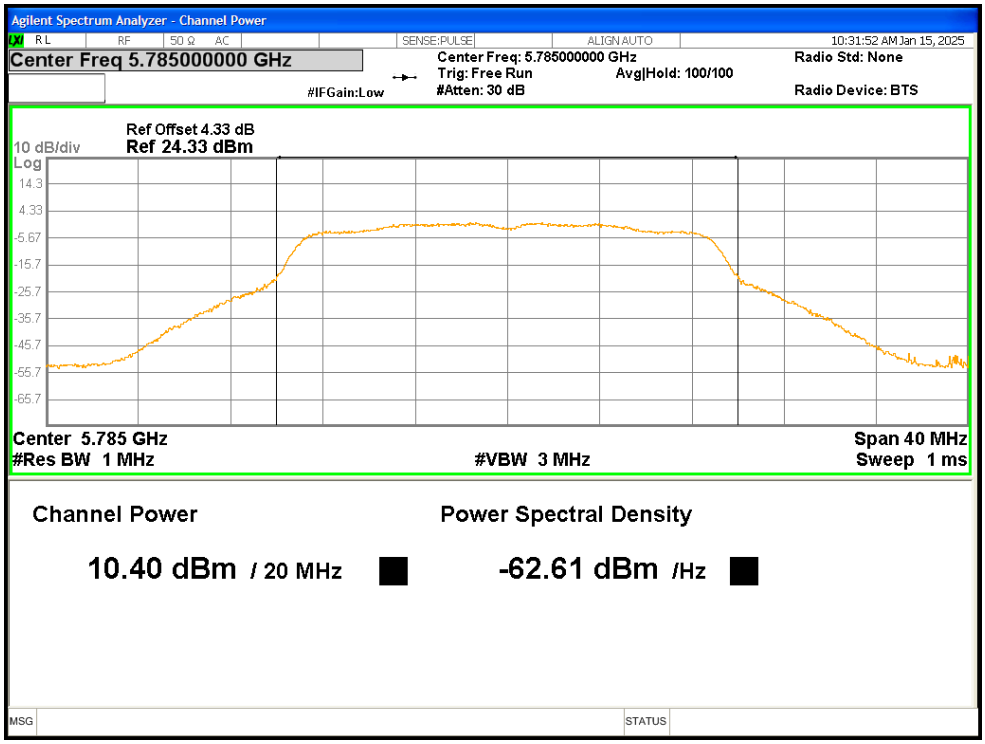
Power NVNT a 5825MHz Ant2



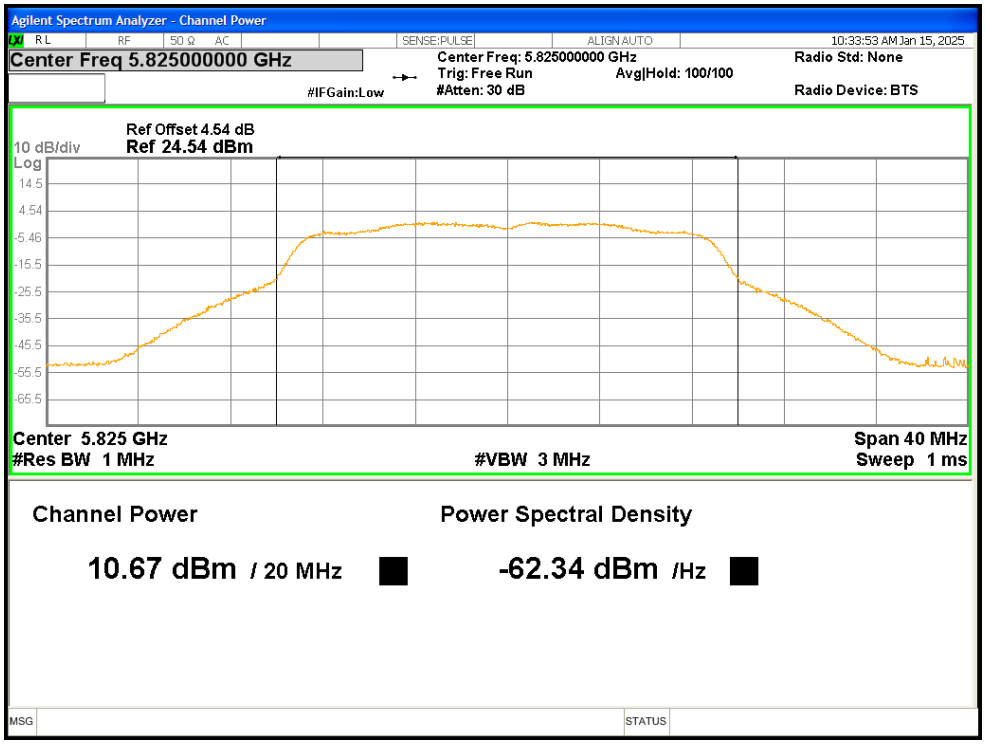
Power NVNT n20 5745MHz Ant1



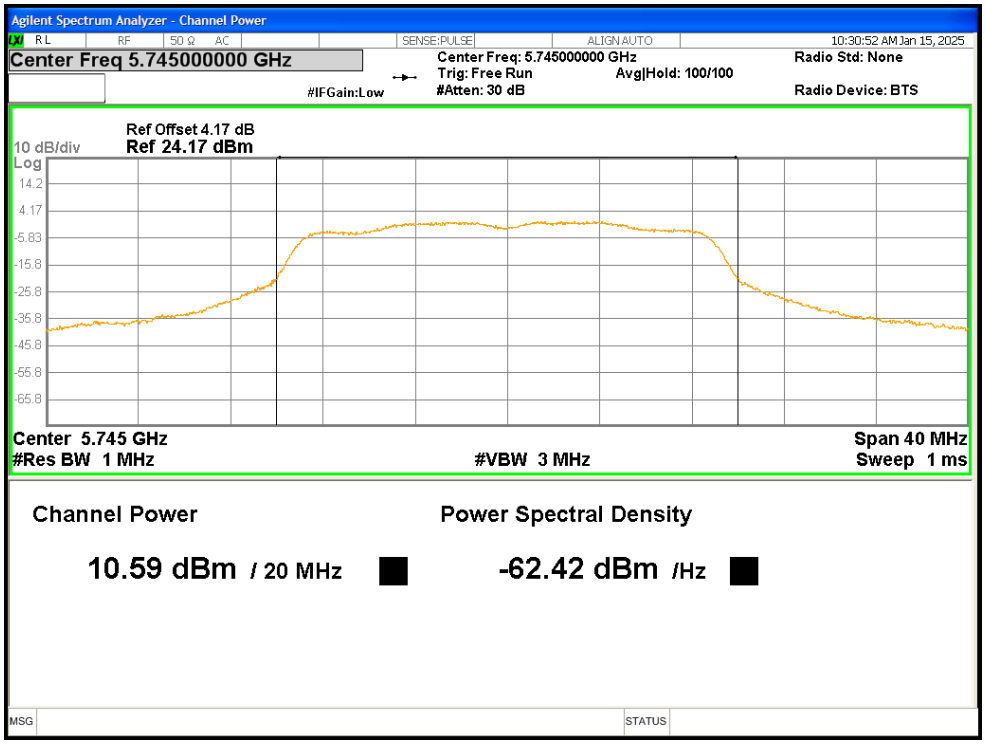
Power NVNT n20 5785MHz Ant1



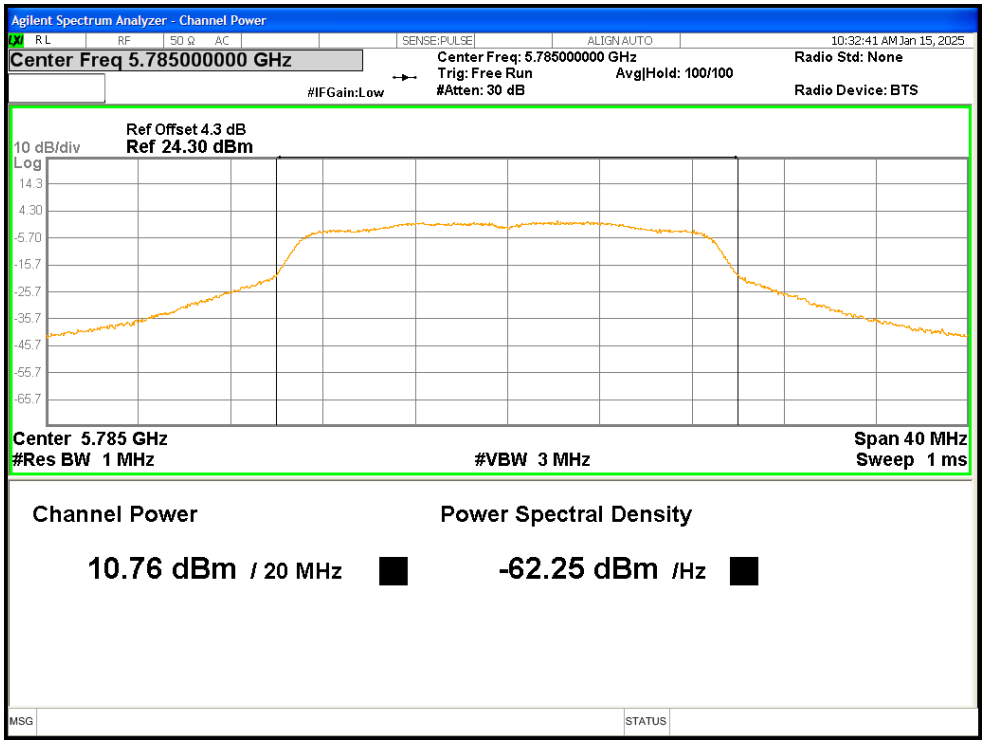
Power NVNT n20 5825MHz Ant1



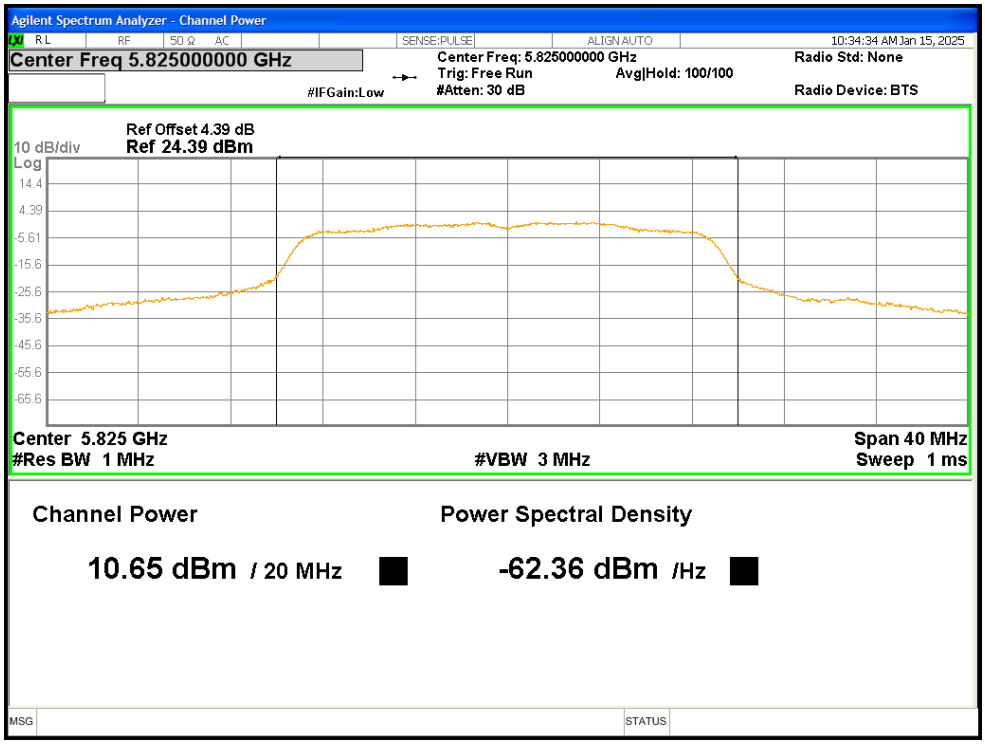
Power NVNT n20 5745MHz Ant2



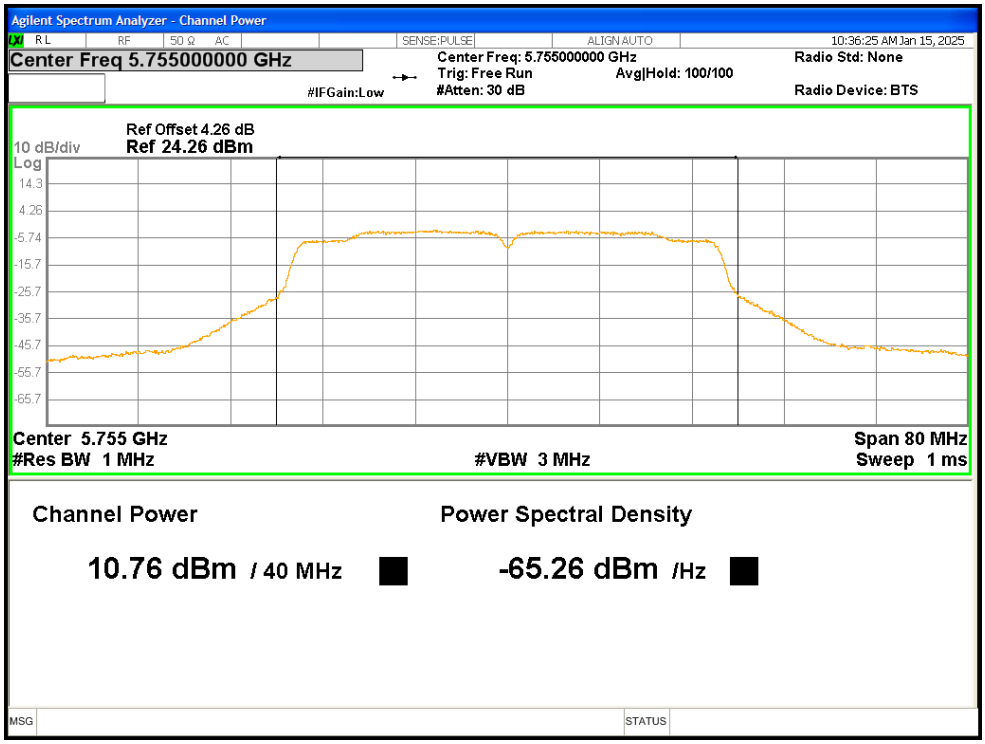
Power NVNT n20 5785MHz Ant2



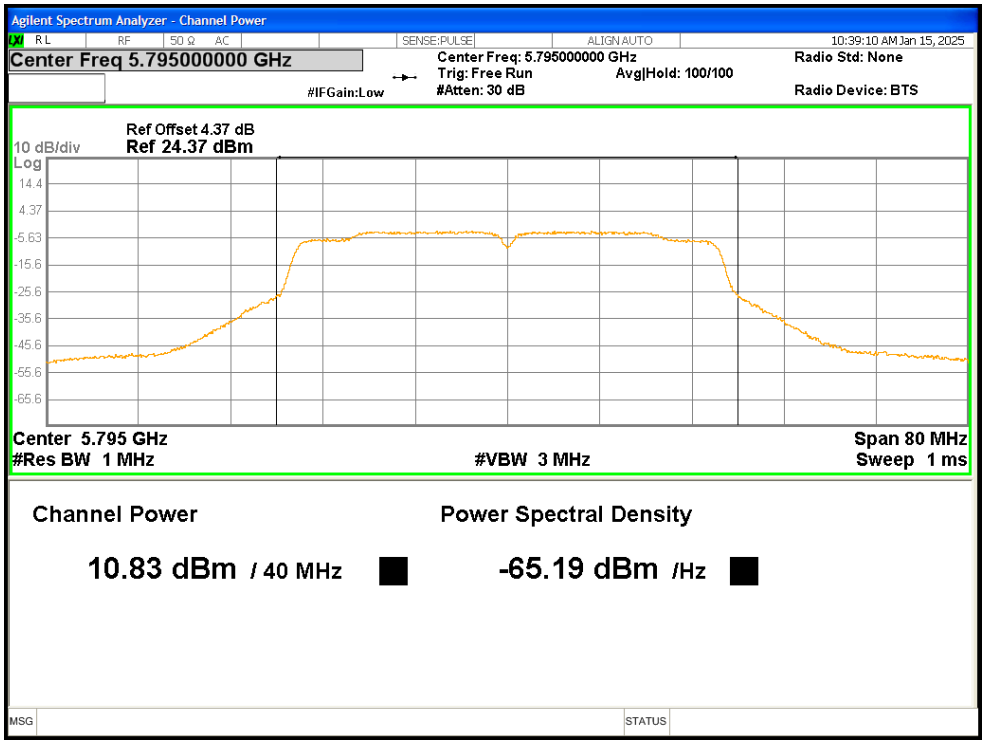
Power NVNT n20 5825MHz Ant2



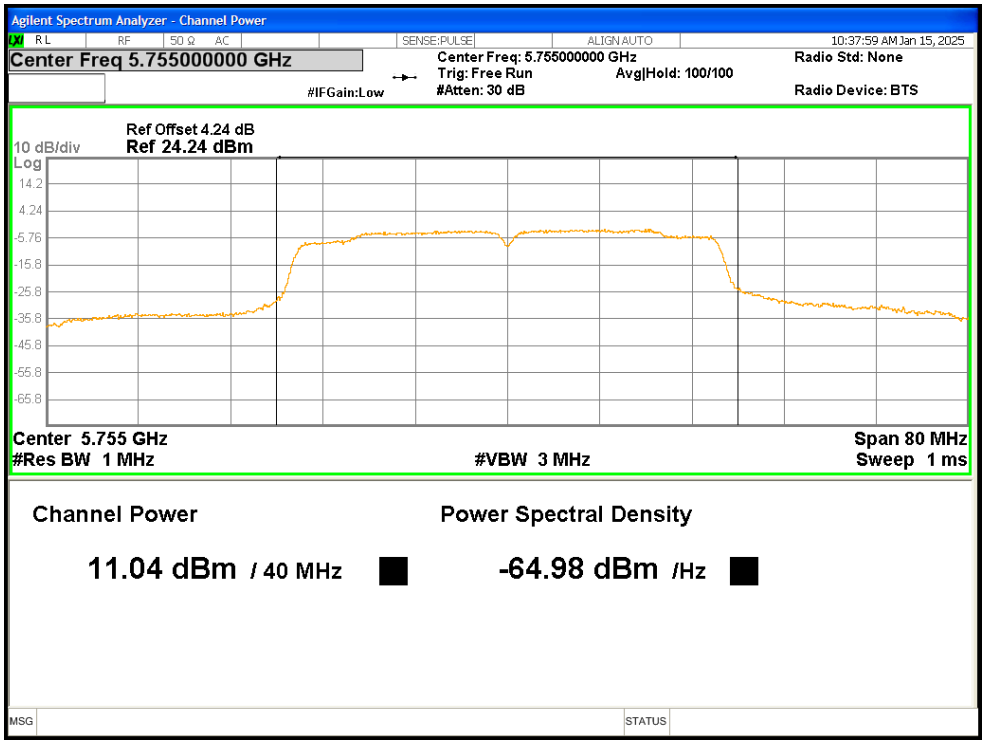
Power NVNT n40 5755MHz Ant1



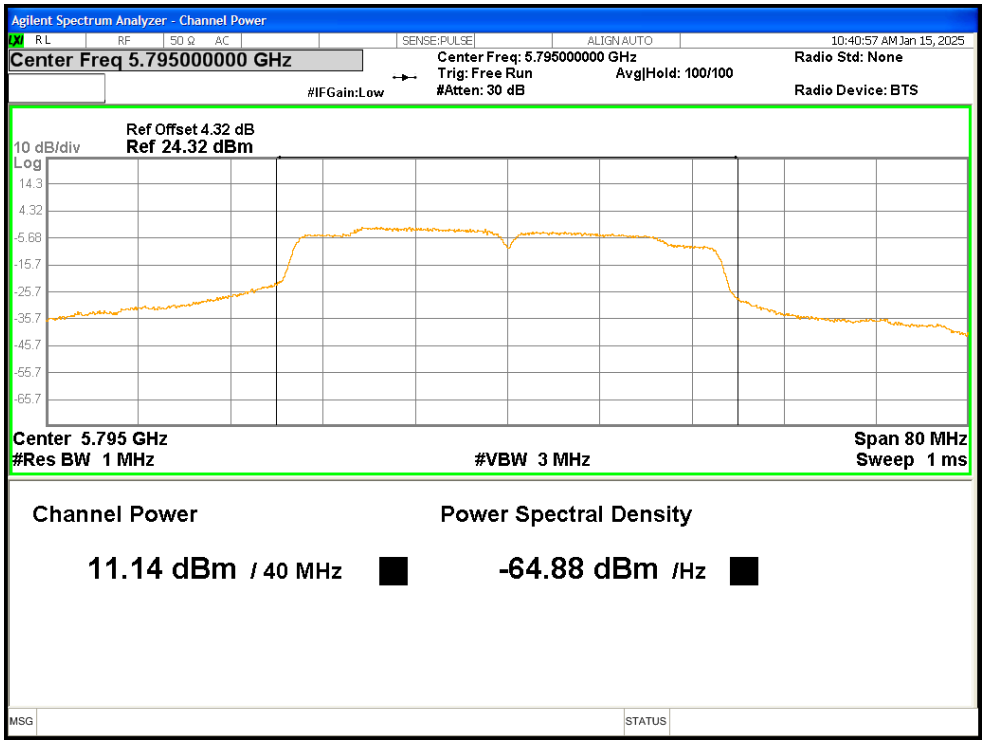
Power NVNT n40 5795MHz Ant1



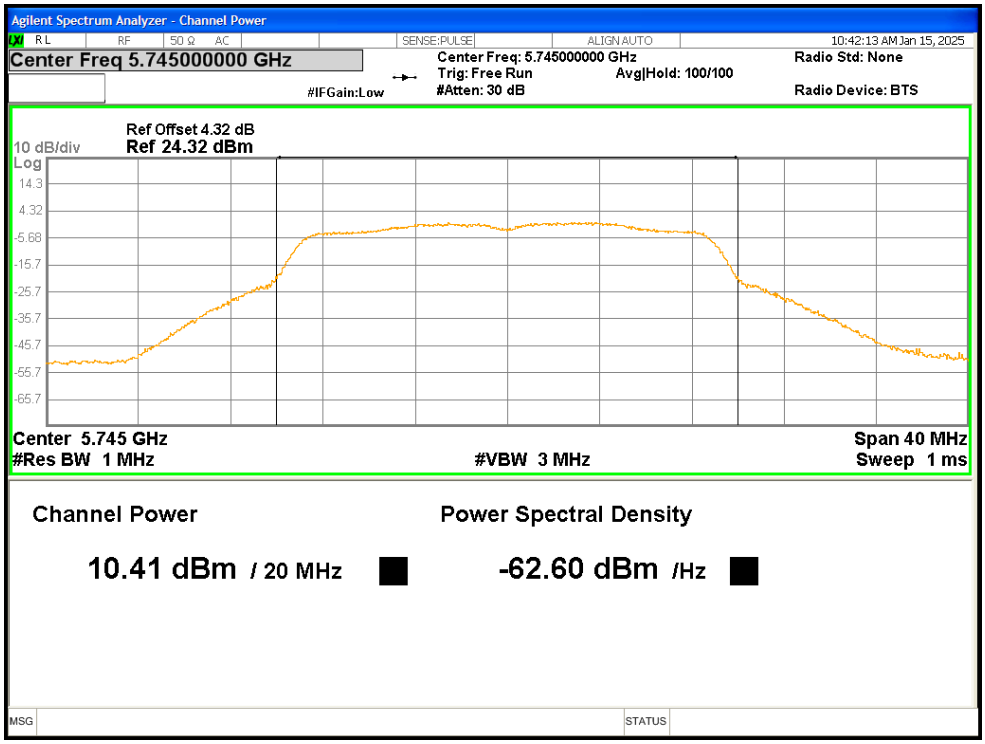
Power NVNT n40 5755MHz Ant2



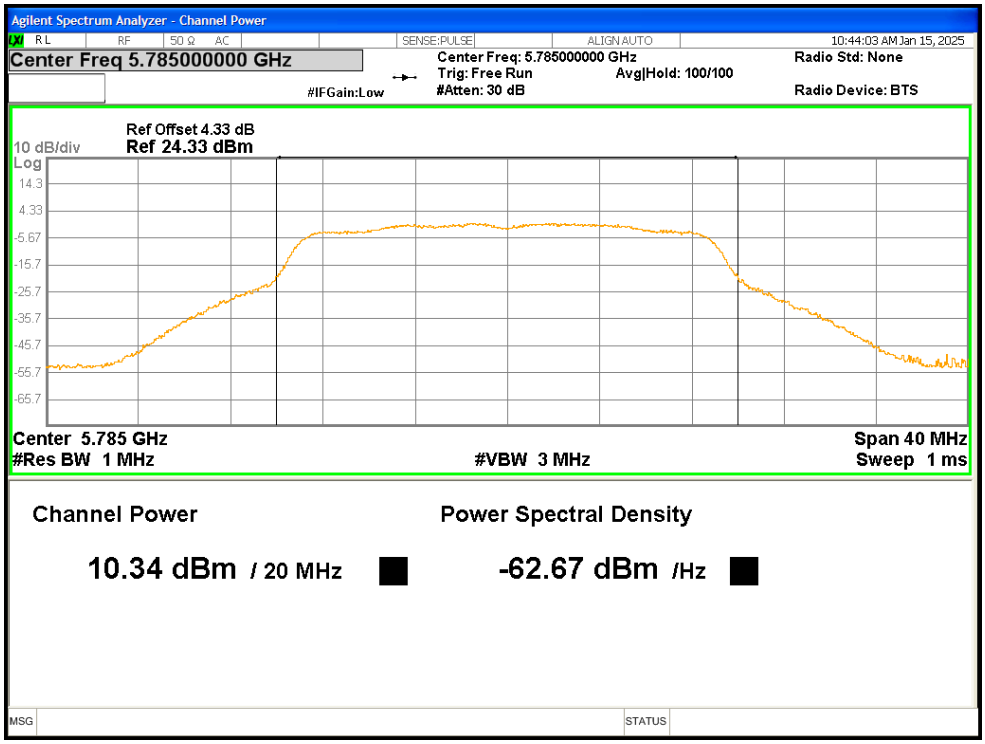
Power NVNT n40 5795MHz Ant2



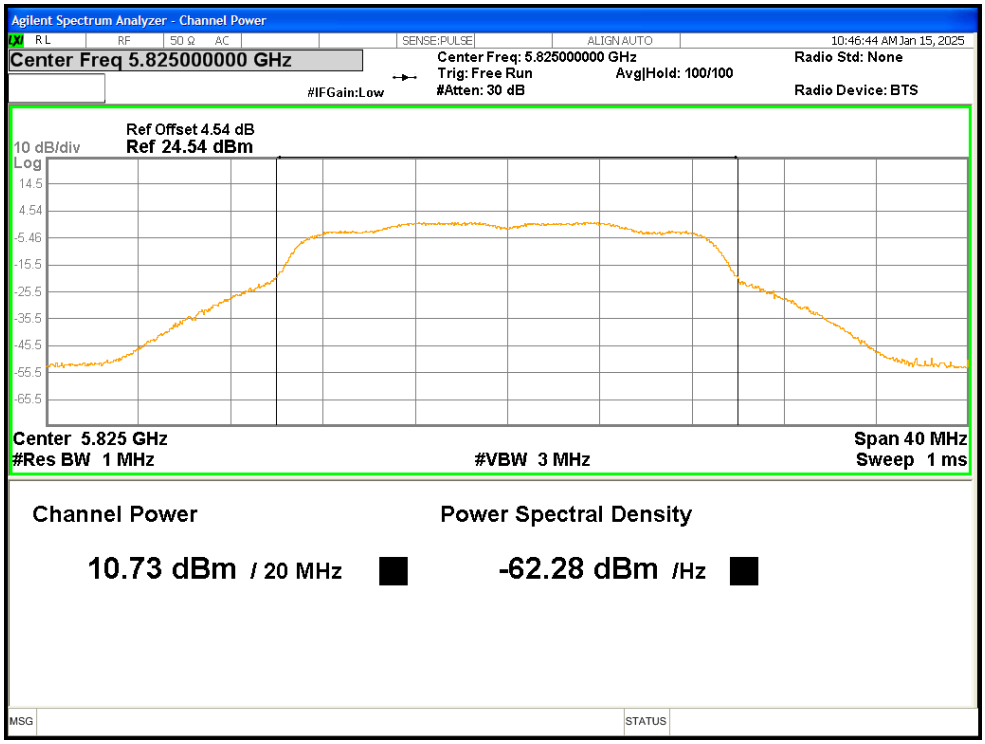
Power NVNT ac20 5745MHz Ant1



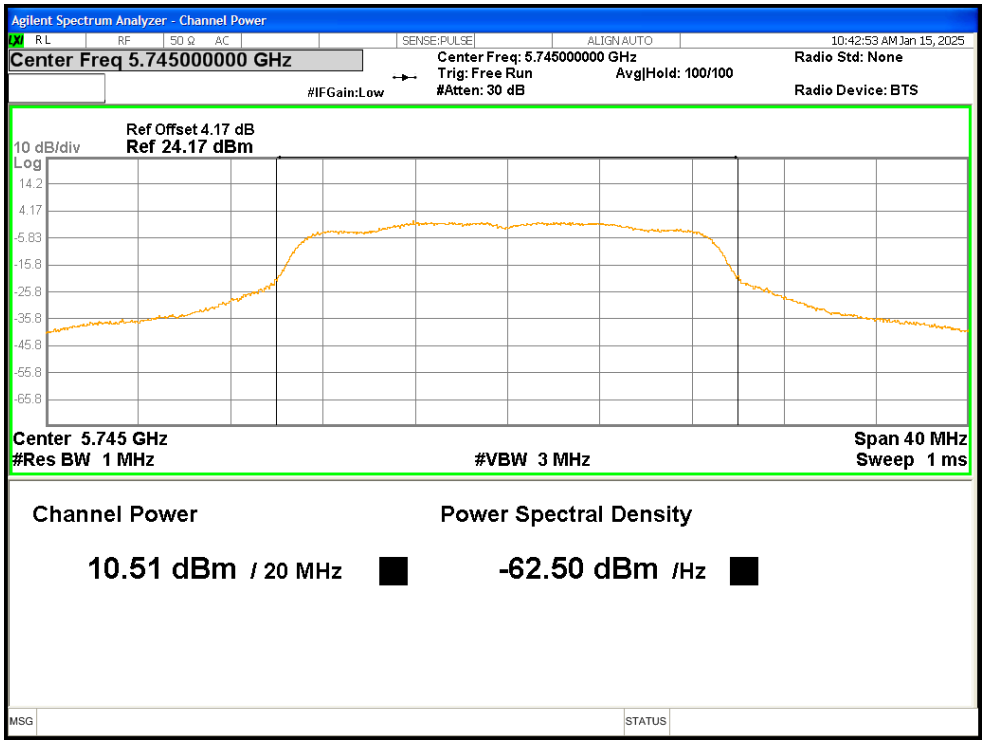
Power NVNT ac20 5785MHz Ant1



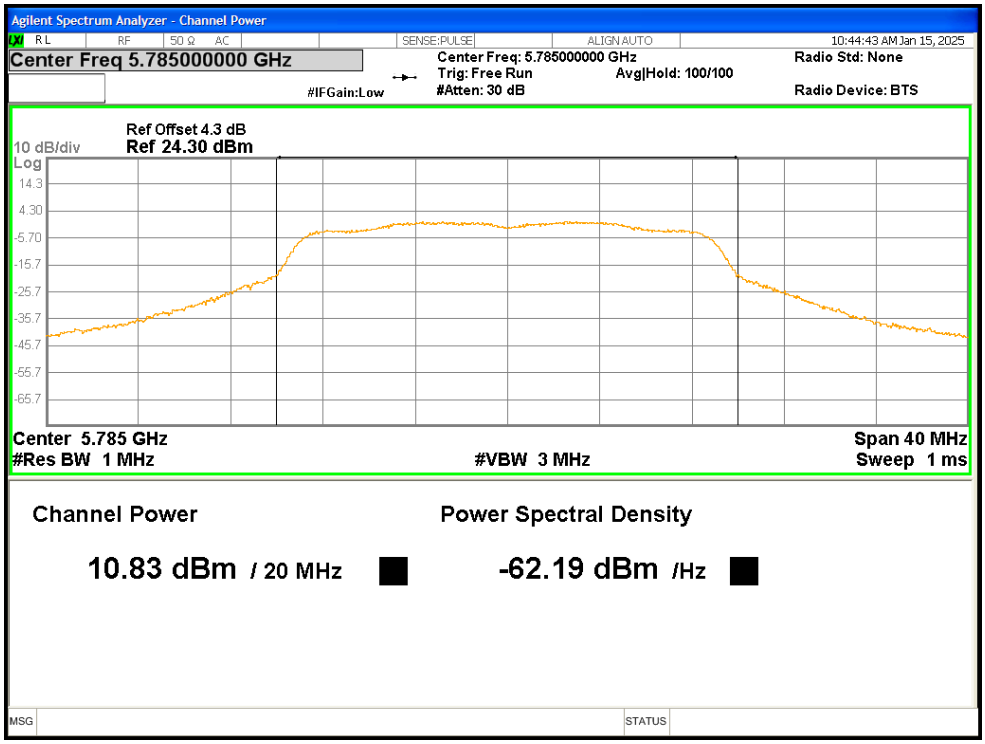
Power NVNT ac20 5825MHz Ant1



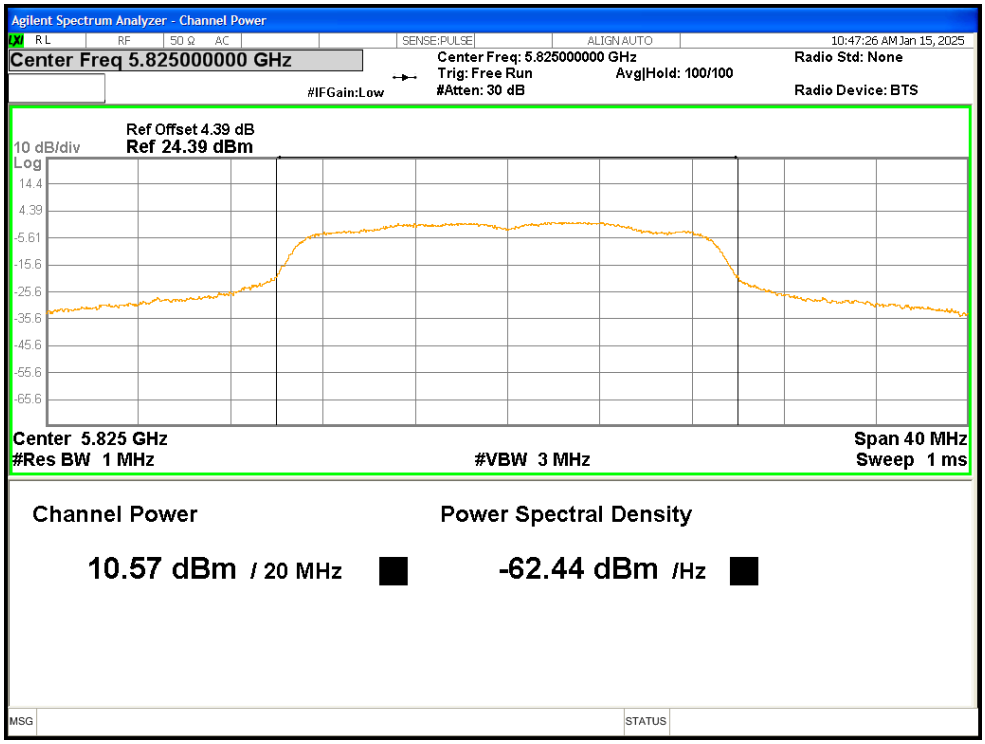
Power NVNT ac20 5745MHz Ant2



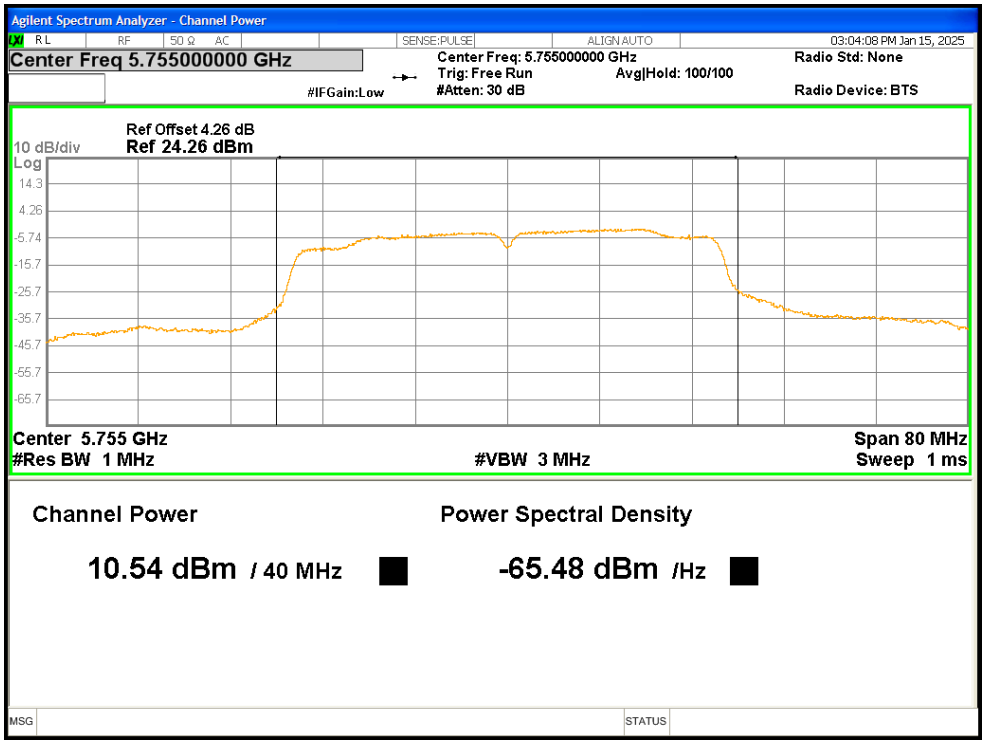
Power NVNT ac20 5785MHz Ant2



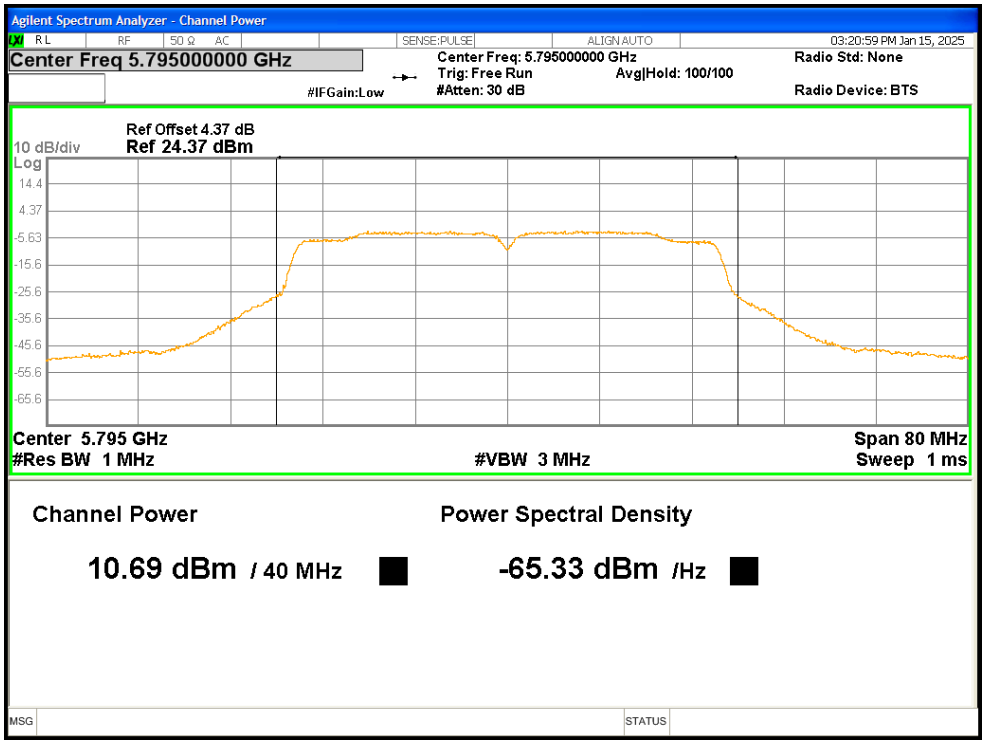
Power NVNT ac20 5825MHz Ant2



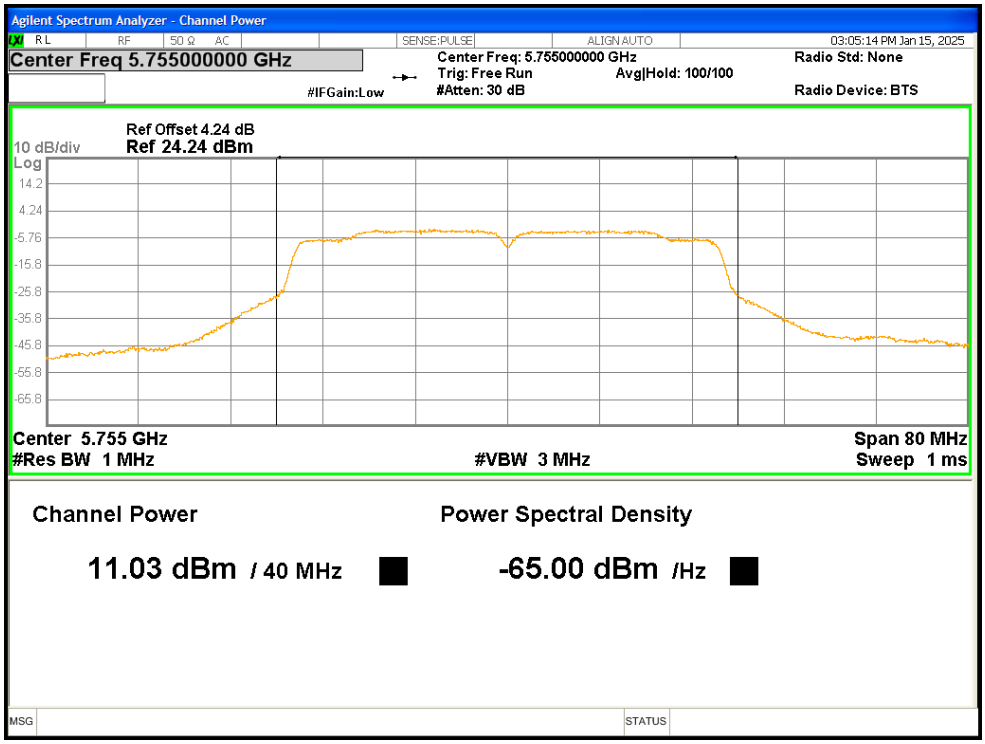
Power NVNT ac40 5755MHz Ant1



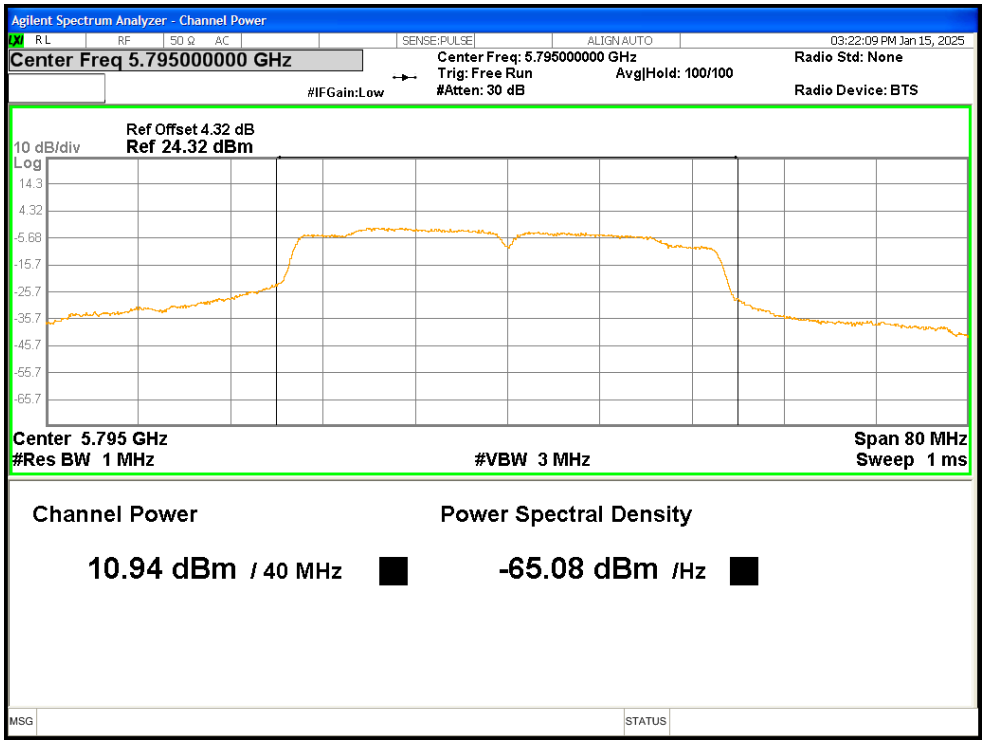
Power NVNT ac40 5795MHz Ant1



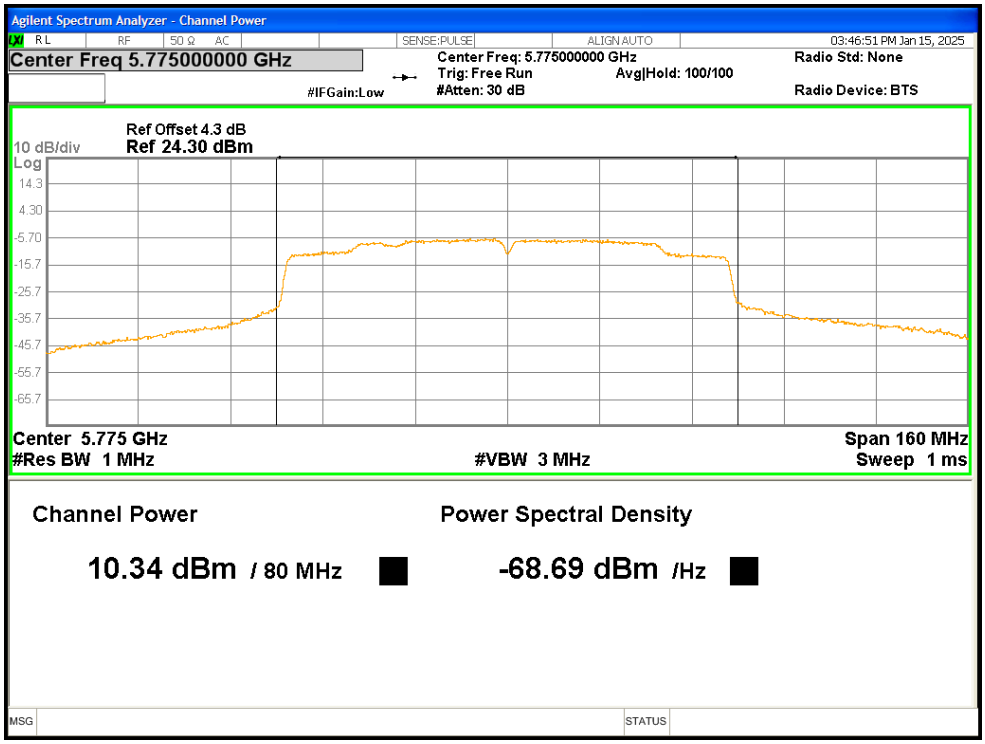
Power NVNT ac40 5755MHz Ant2



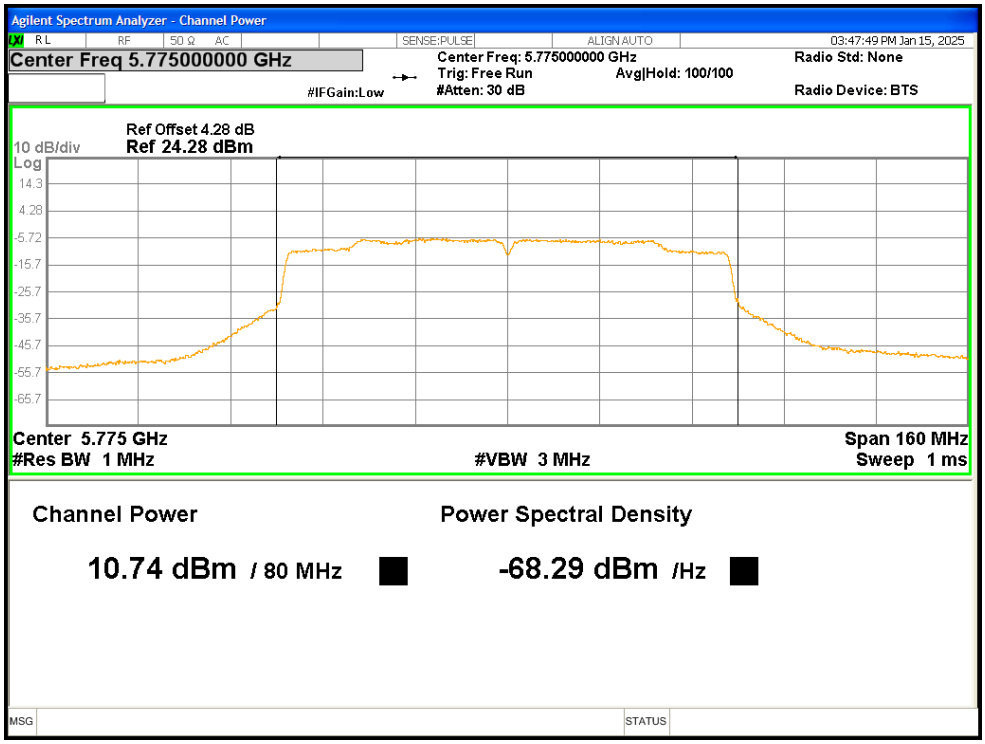
Power NVNT ac40 5795MHz Ant2



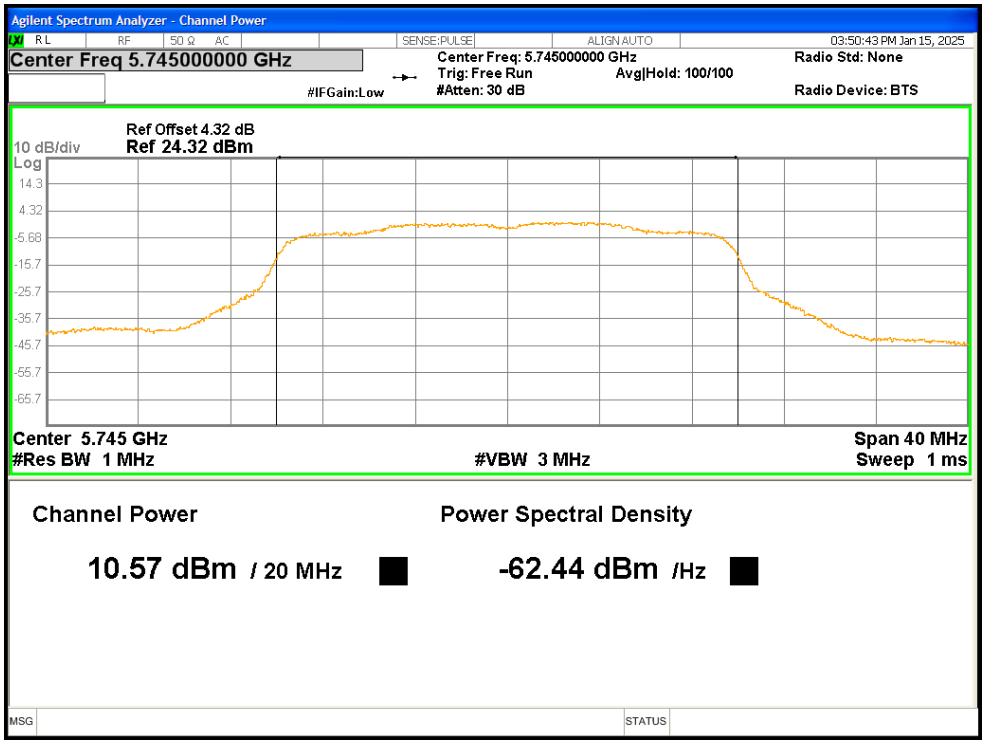
Power NVNT ac80 5775MHz Ant1



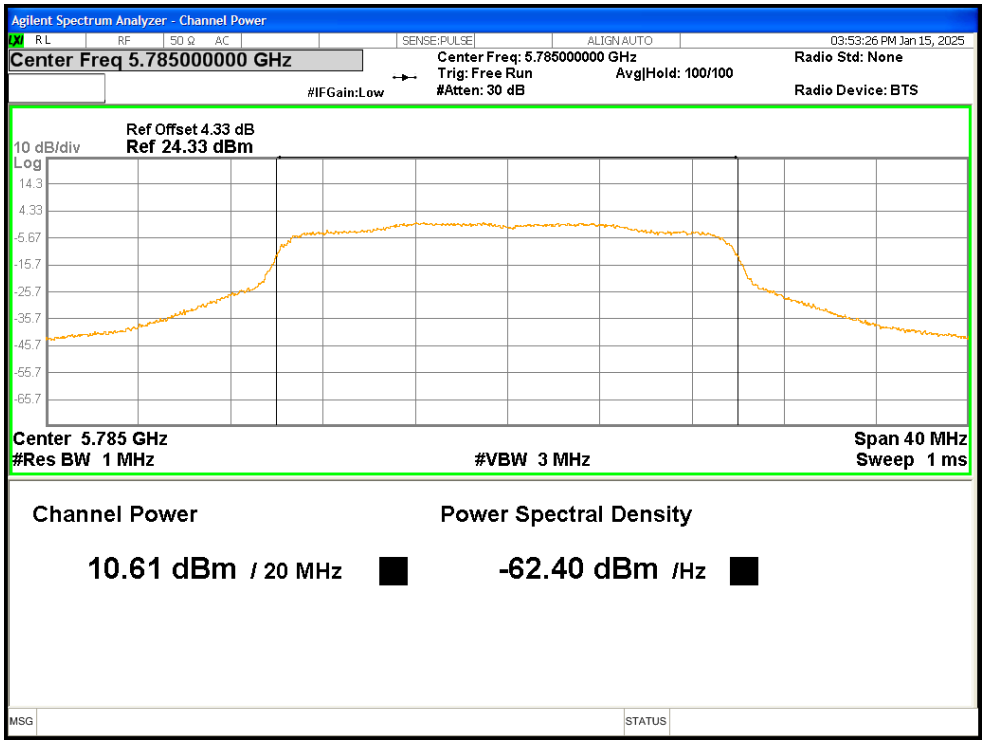
Power NVNT ac80 5775MHz Ant2



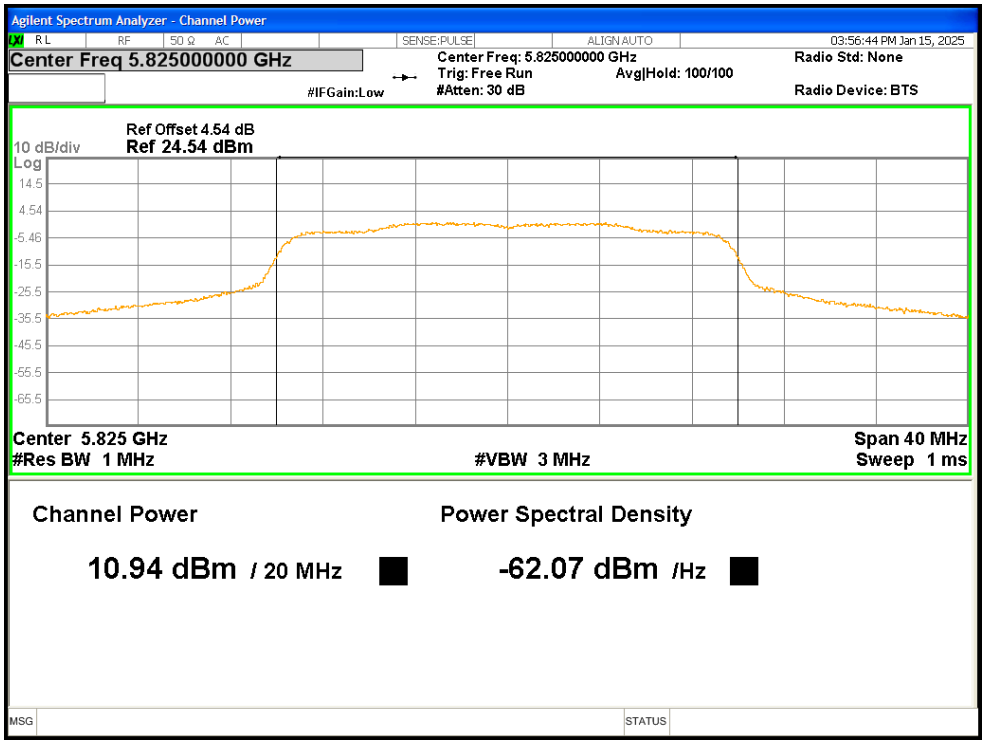
Power NVNT ax20 5745MHz Ant1



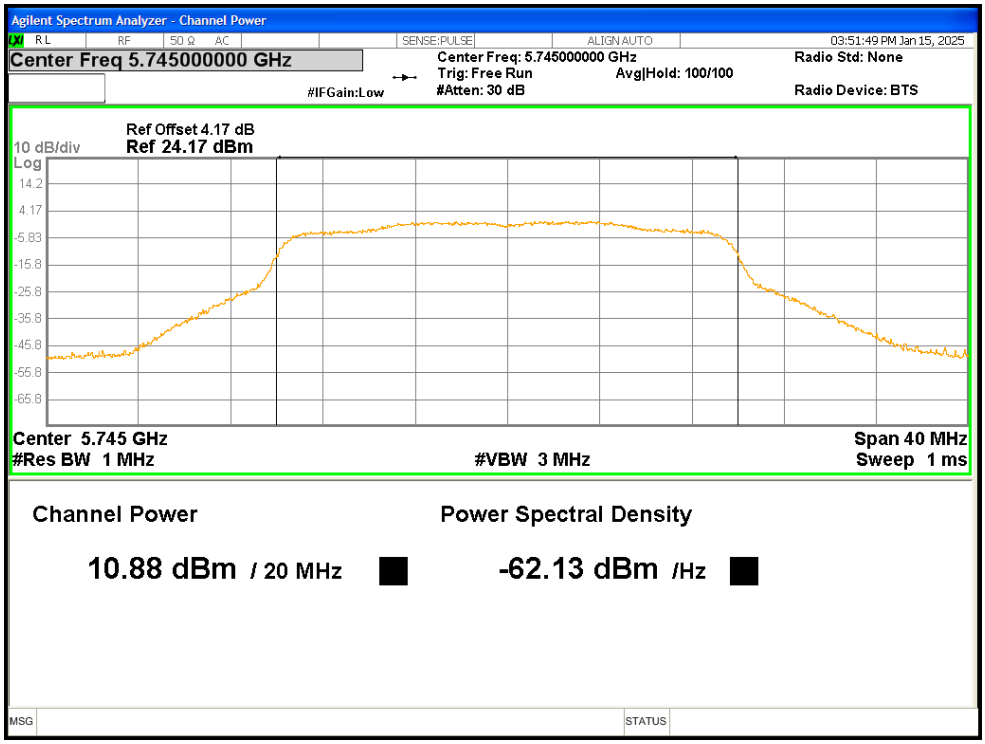
Power NVNT ax20 5785MHz Ant1



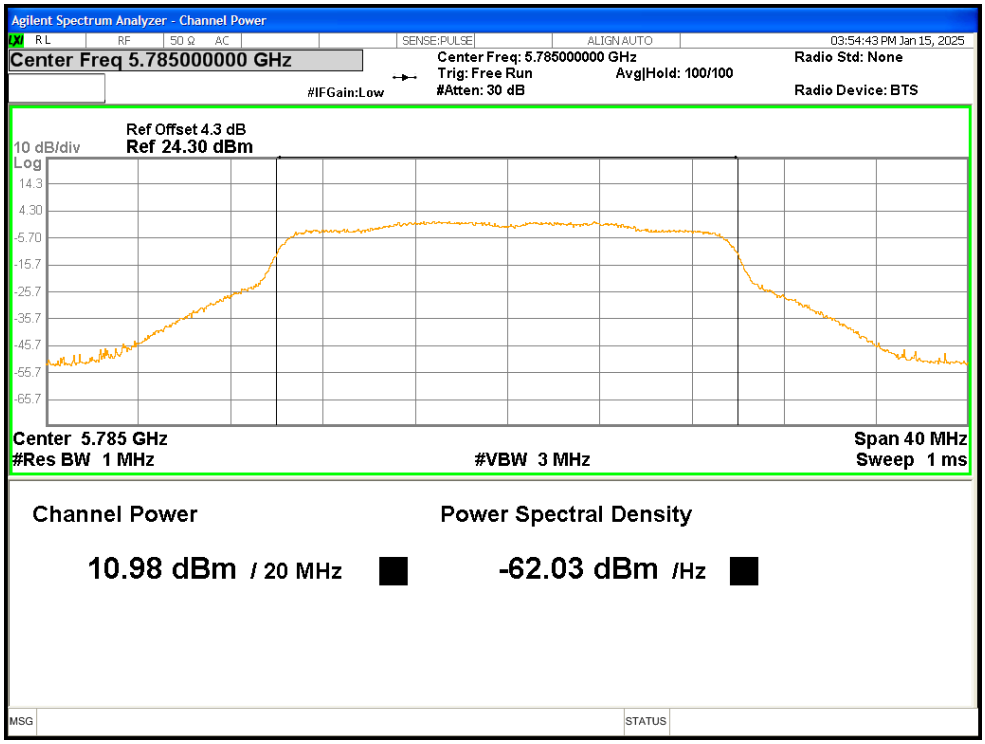
Power NVNT ax20 5825MHz Ant1



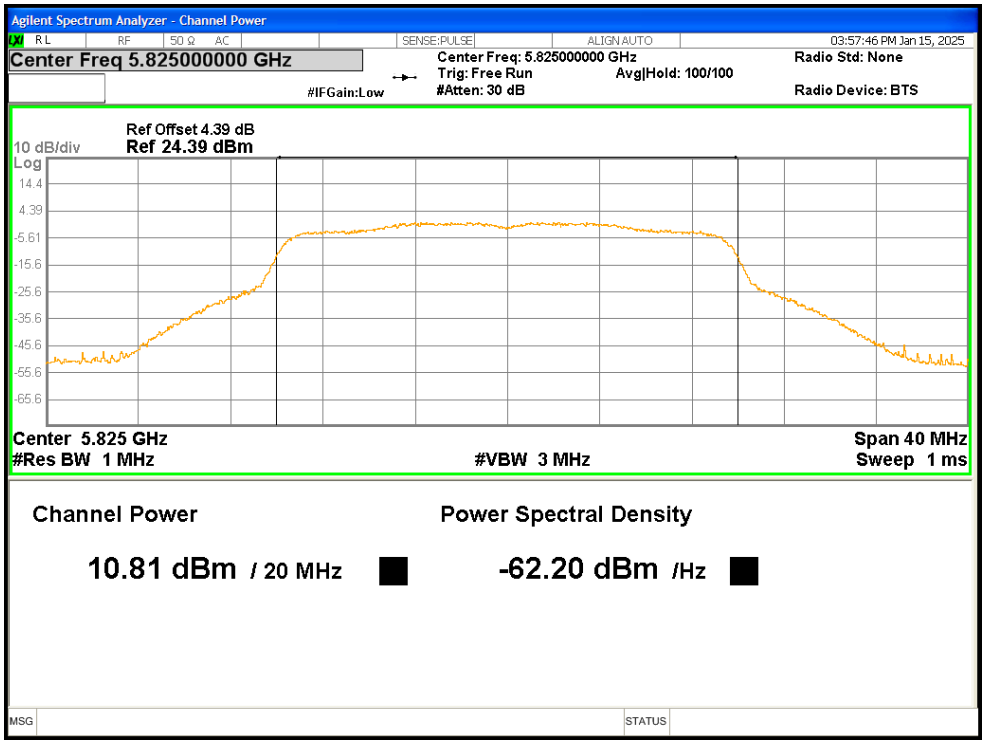
Power NVNT ax20 5745MHz Ant2



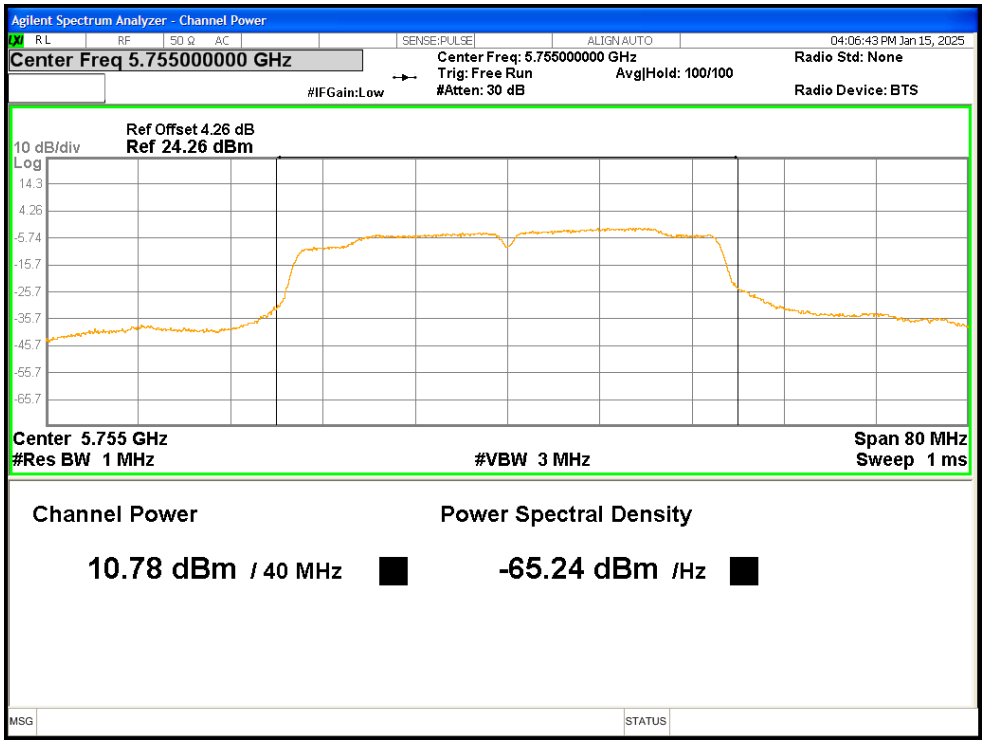
Power NVNT ax20 5785MHz Ant2



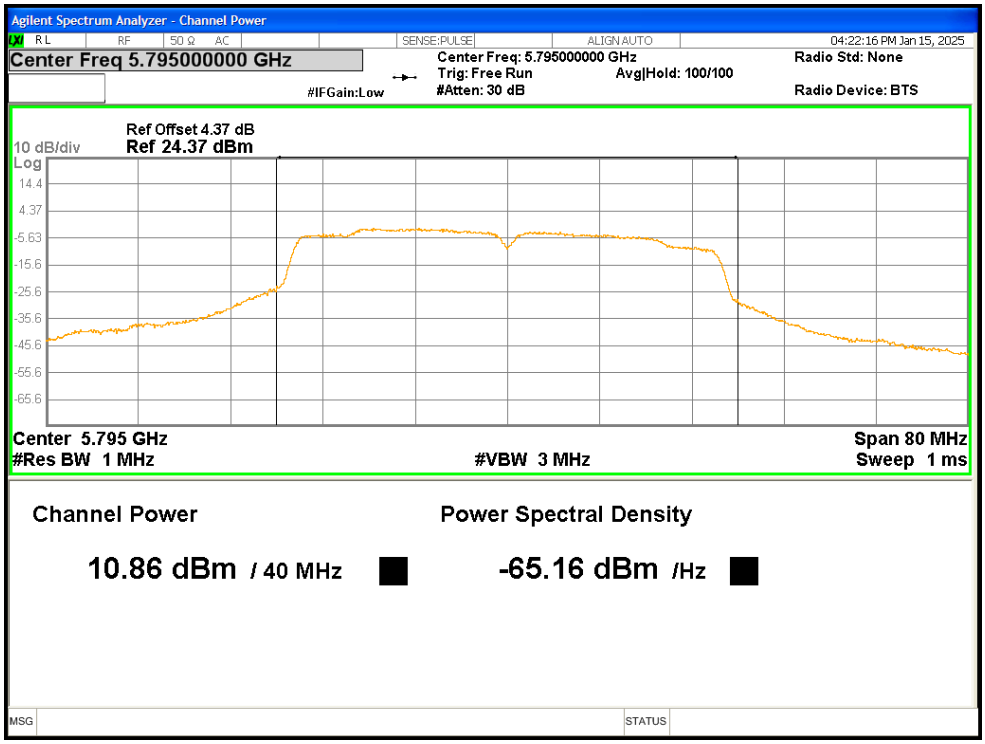
Power NVNT ax20 5825MHz Ant2



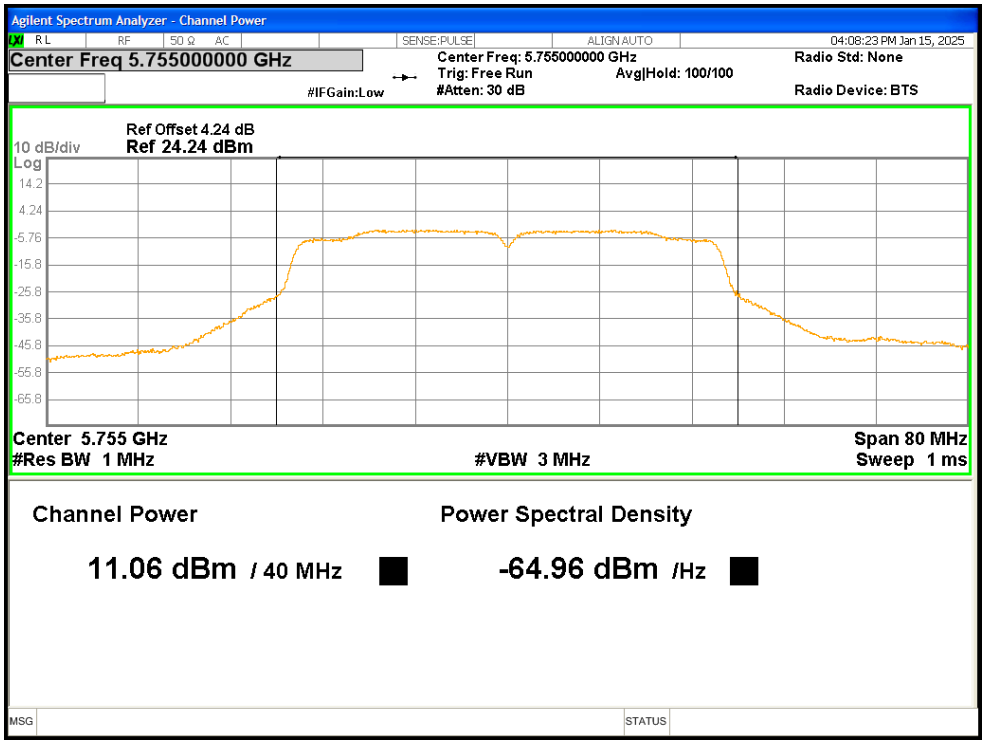
Power NVNT ax40 5755MHz Ant1



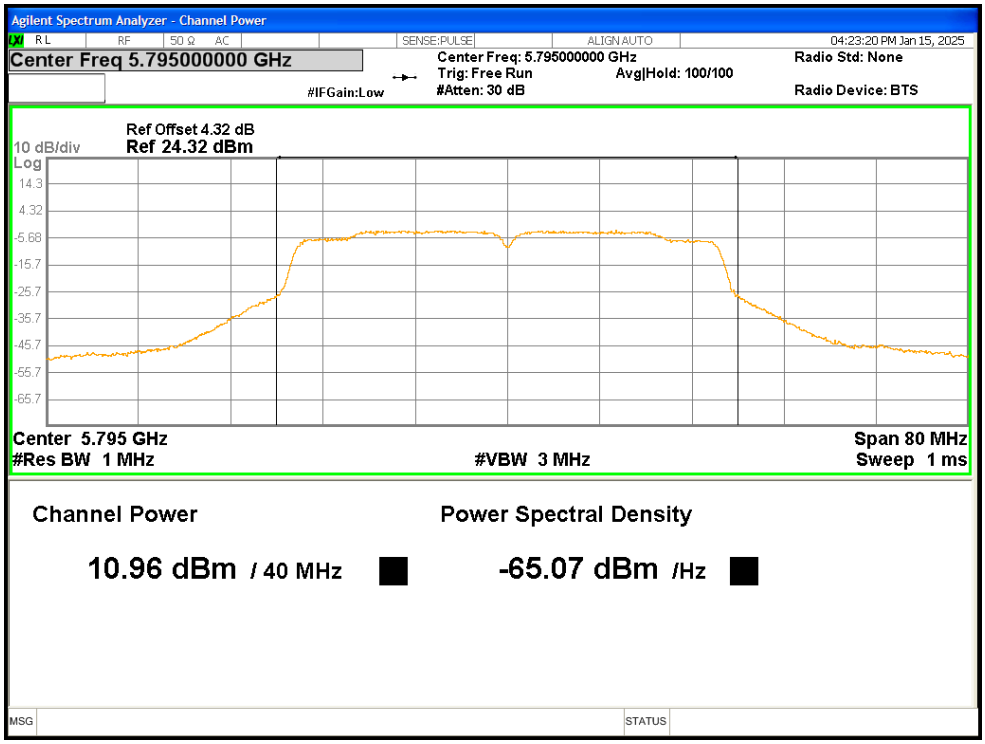
Power NVNT ax40 5795MHz Ant1



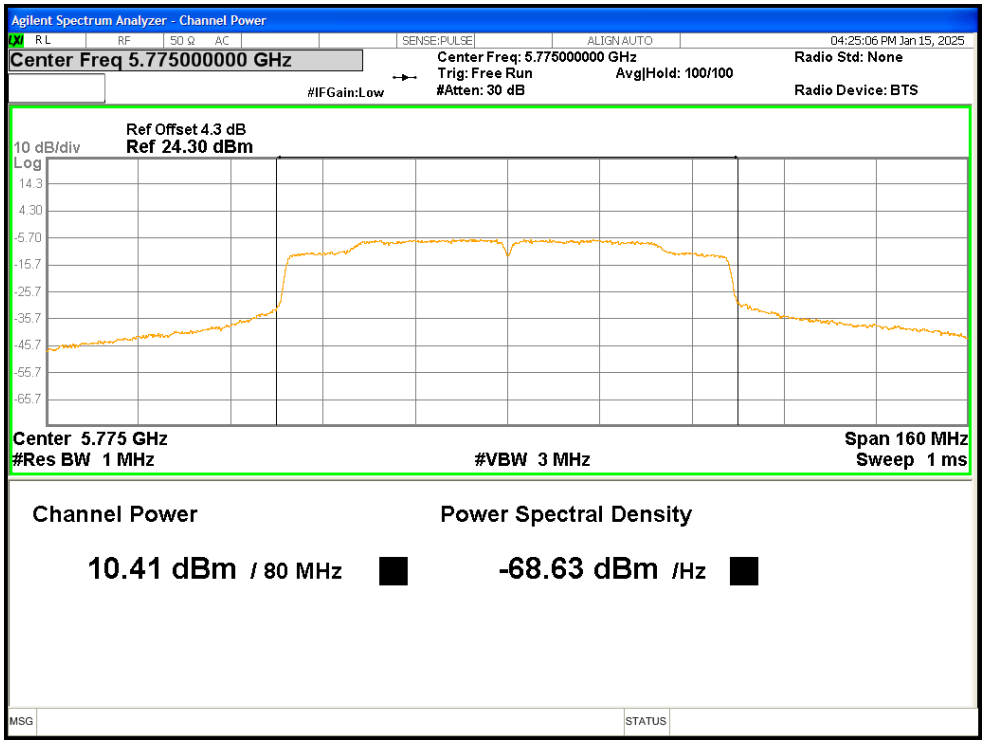
Power NVNT ax40 5755MHz Ant2



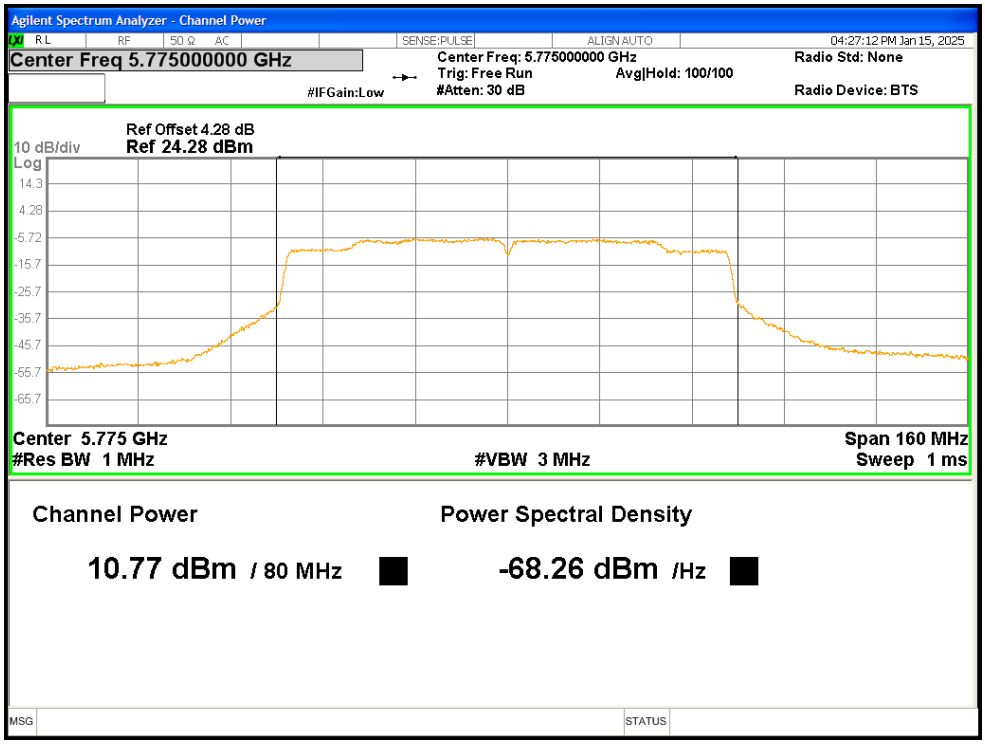
Power NVNT ax40 5795MHz Ant2



Power NVNT ax80 5775MHz Ant1



Power NVNT ax80 5775MHz Ant2

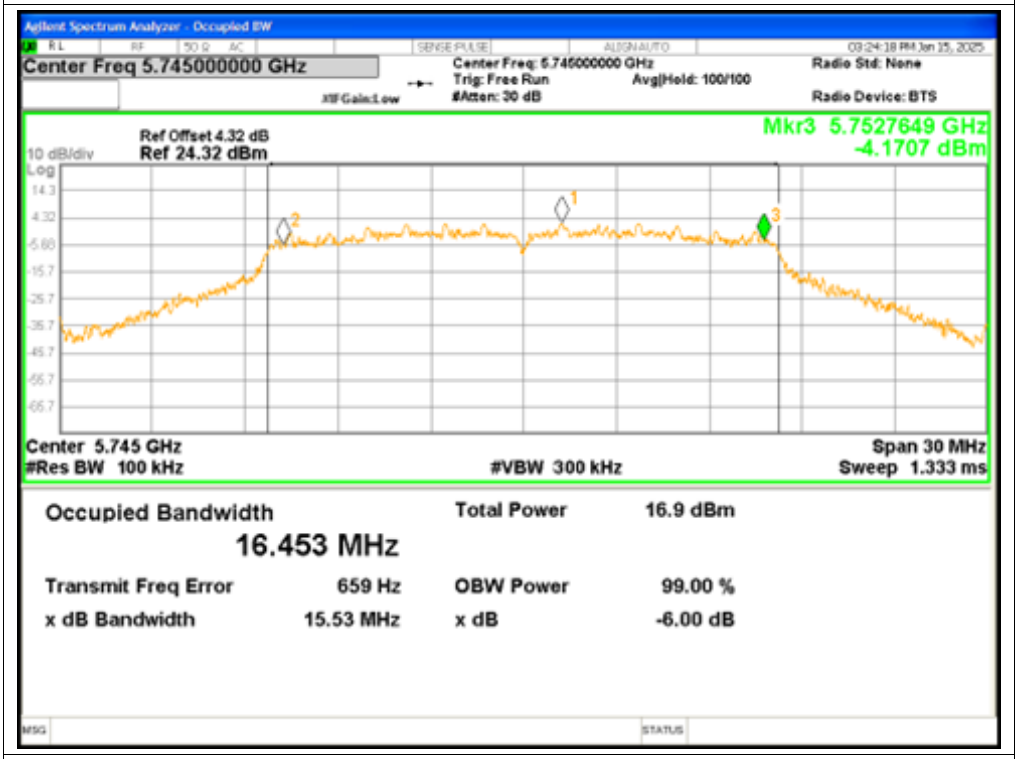


3. -6dB Bandwidth

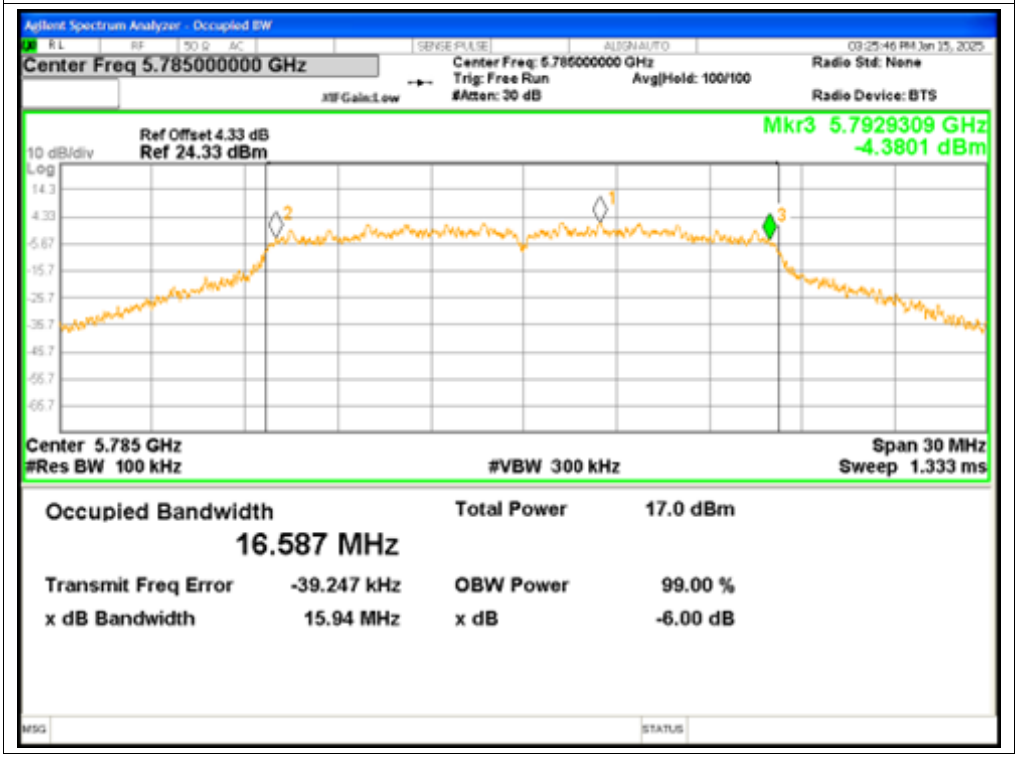
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.5285	>=0.5	Pass
NVNT	a	5785	Ant1	15.9402	>=0.5	Pass
NVNT	a	5825	Ant1	15.603	>=0.5	Pass
NVNT	a	5745	Ant2	15.6961	>=0.5	Pass
NVNT	a	5785	Ant2	15.7995	>=0.5	Pass
NVNT	a	5825	Ant2	15.9247	>=0.5	Pass
NVNT	n20	5745	Ant1	15.5578	>=0.5	Pass
NVNT	n20	5785	Ant1	16.8425	>=0.5	Pass
NVNT	n20	5825	Ant1	16.7072	>=0.5	Pass
NVNT	n20	5745	Ant2	17.0589	>=0.5	Pass
NVNT	n20	5785	Ant2	16.8821	>=0.5	Pass
NVNT	n20	5825	Ant2	17.0208	>=0.5	Pass
NVNT	n40	5755	Ant1	31.7576	>=0.5	Pass
NVNT	n40	5795	Ant1	31.525	>=0.5	Pass
NVNT	n40	5755	Ant2	35.7116	>=0.5	Pass
NVNT	n40	5795	Ant2	35.957	>=0.5	Pass
NVNT	ac20	5745	Ant1	16.5353	>=0.5	Pass
NVNT	ac20	5785	Ant1	16.9071	>=0.5	Pass
NVNT	ac20	5825	Ant1	16.882	>=0.5	Pass
NVNT	ac20	5745	Ant2	16.872	>=0.5	Pass
NVNT	ac20	5785	Ant2	16.4728	>=0.5	Pass
NVNT	ac20	5825	Ant2	15.9432	>=0.5	Pass
NVNT	ac40	5755	Ant1	31.857	>=0.5	Pass
NVNT	ac40	5795	Ant1	35.7039	>=0.5	Pass
NVNT	ac40	5755	Ant2	35.6056	>=0.5	Pass
NVNT	ac40	5795	Ant2	31.2551	>=0.5	Pass
NVNT	ac80	5775	Ant1	69.6765	>=0.5	Pass
NVNT	ac80	5775	Ant2	75.1279	>=0.5	Pass
NVNT	ax20	5745	Ant1	17.9849	>=0.5	Pass
NVNT	ax20	5785	Ant1	18.4357	>=0.5	Pass
NVNT	ax20	5825	Ant1	18.2818	>=0.5	Pass
NVNT	ax20	5745	Ant2	18.3003	>=0.5	Pass
NVNT	ax20	5785	Ant2	17.8623	>=0.5	Pass
NVNT	ax20	5825	Ant2	18.3067	>=0.5	Pass
NVNT	ax40	5755	Ant1	32.3345	>=0.5	Pass
NVNT	ax40	5795	Ant1	31.6496	>=0.5	Pass
NVNT	ax40	5755	Ant2	35.7649	>=0.5	Pass
NVNT	ax40	5795	Ant2	34.9113	>=0.5	Pass
NVNT	ax80	5775	Ant1	69.6754	>=0.5	Pass
NVNT	ax80	5775	Ant2	74.982	>=0.5	Pass

Test Graphs

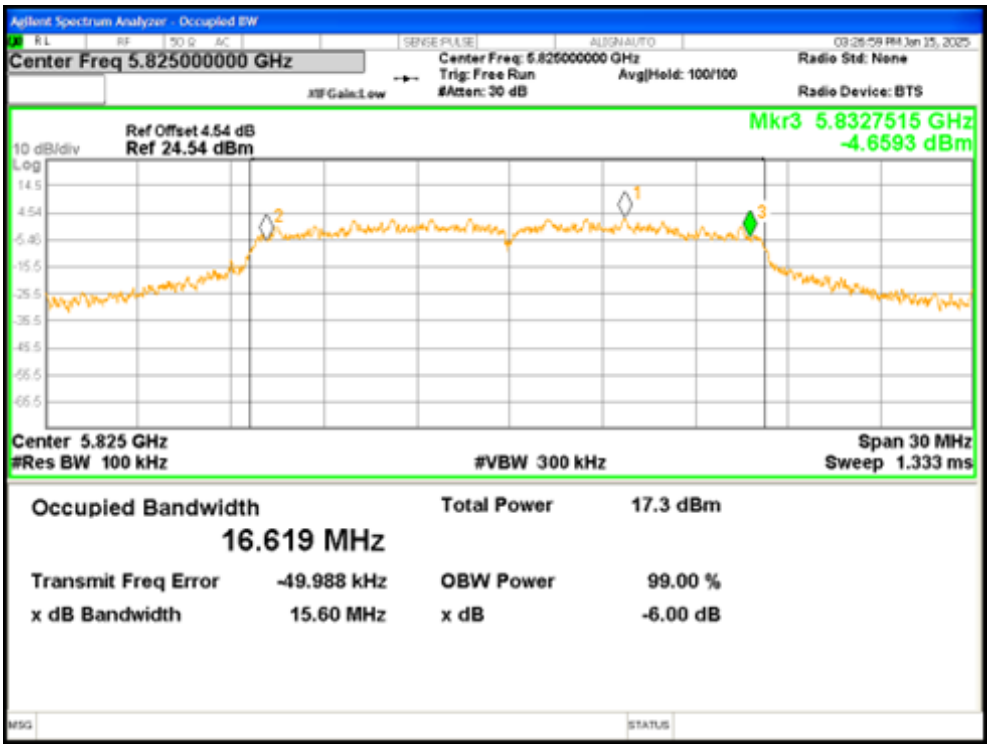
-6dB Bandwidth NVNT a 5745MHz Ant1



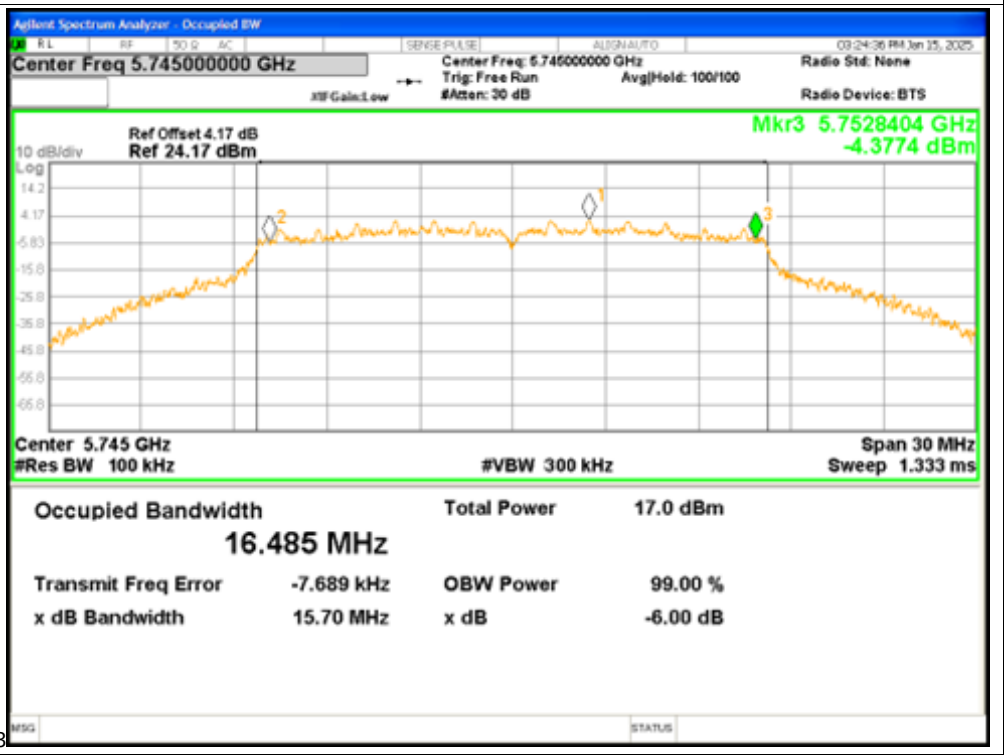
-6dB Bandwidth NVNT a 5785MHz Ant1



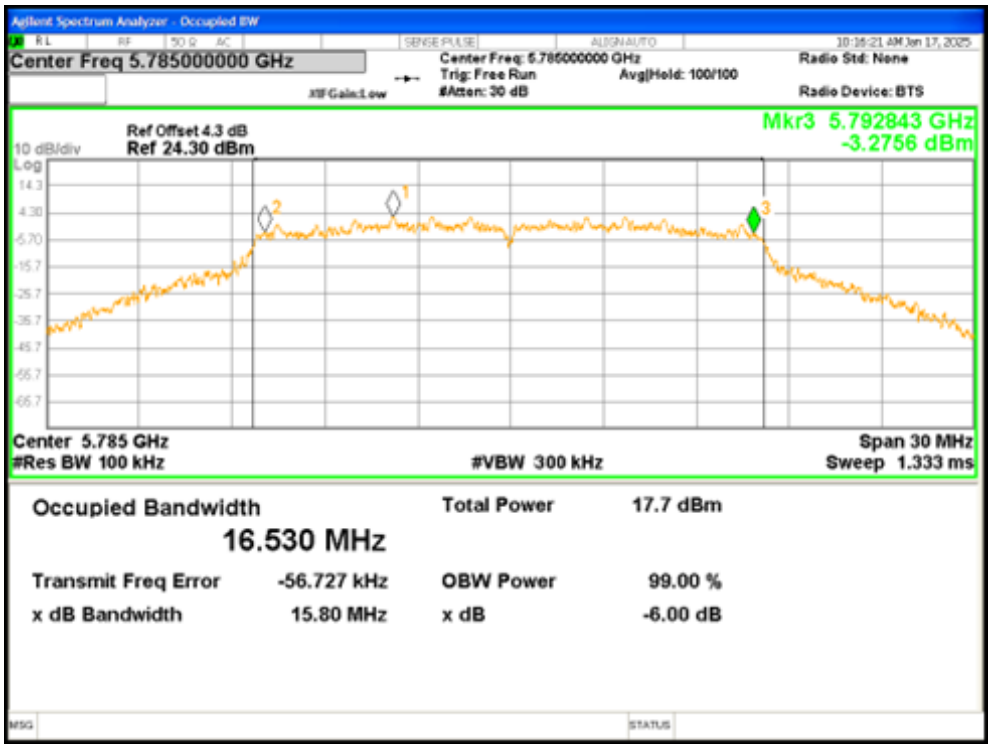
-6dB Bandwidth NVNT a 5825MHz Ant1



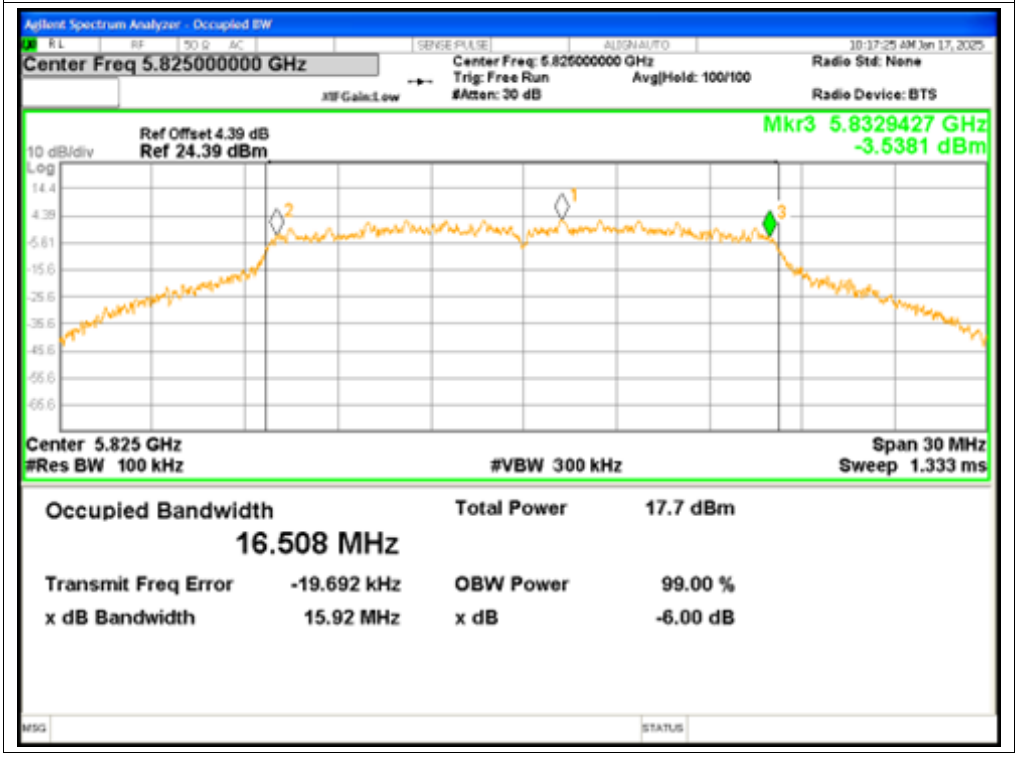
-6dB Bandwidth NVNT a 5745MHz Ant2



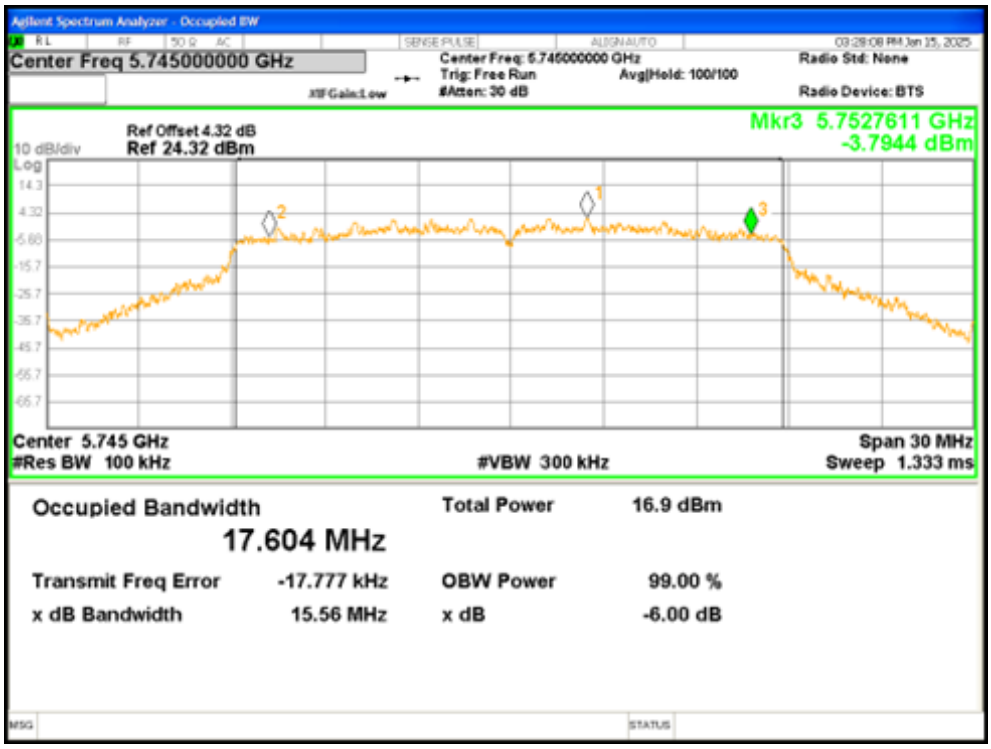
-6dB Bandwidth NVNT a 5785MHz Ant2



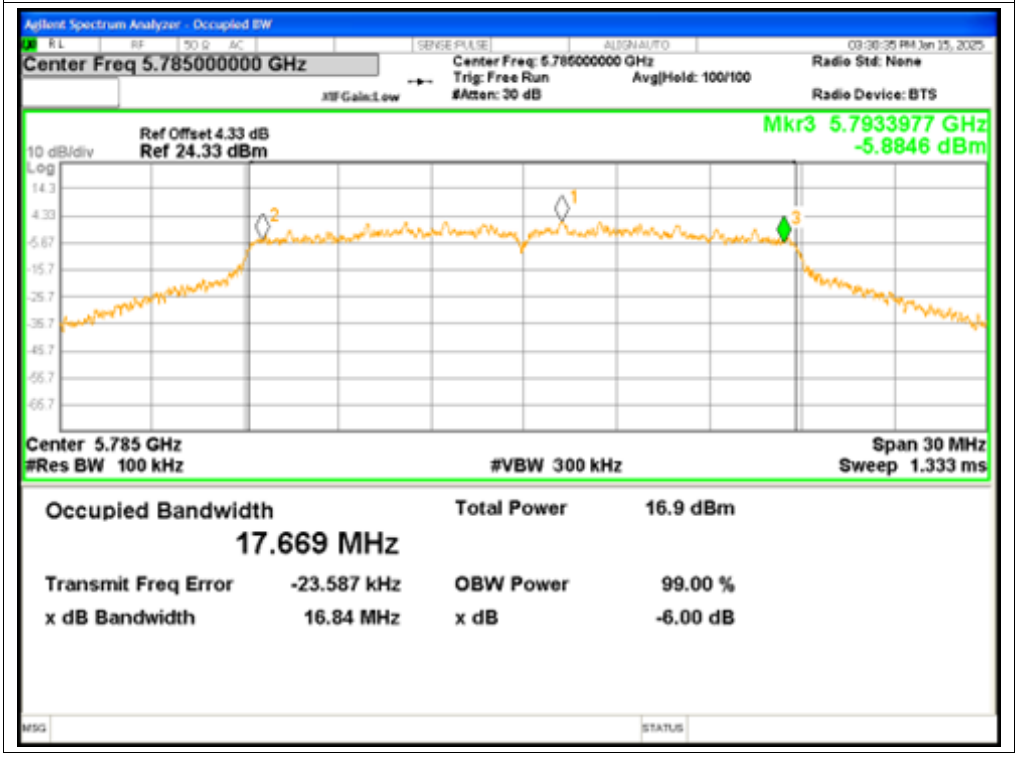
-6dB Bandwidth NVNT a 5825MHz Ant2



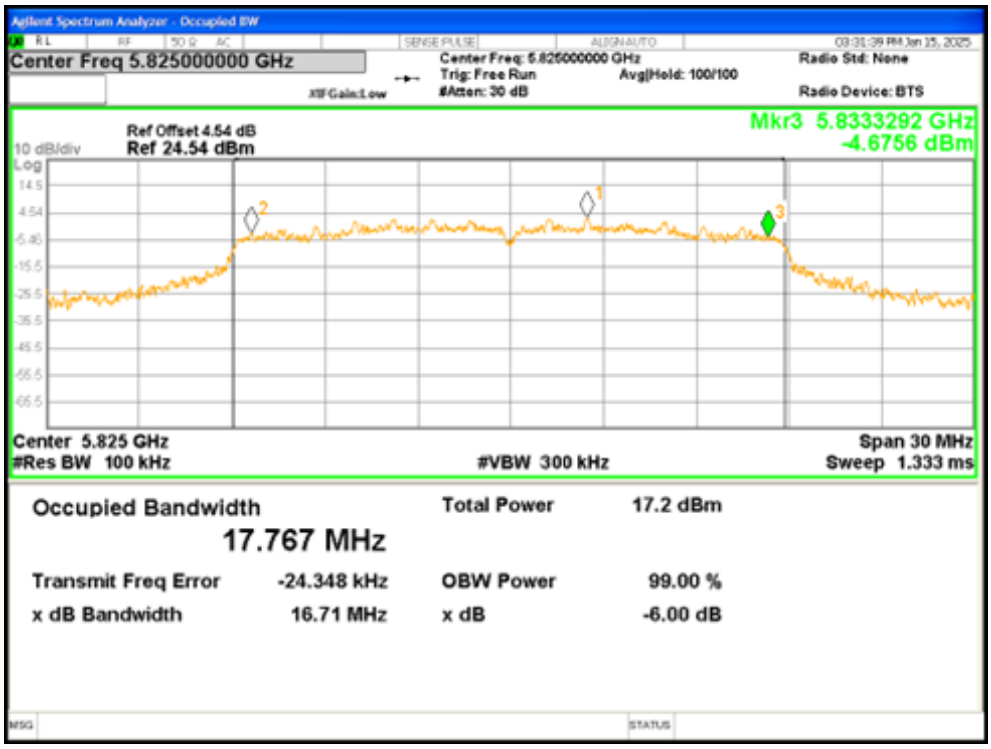
-6dB Bandwidth NVNT n20 5745MHz Ant1



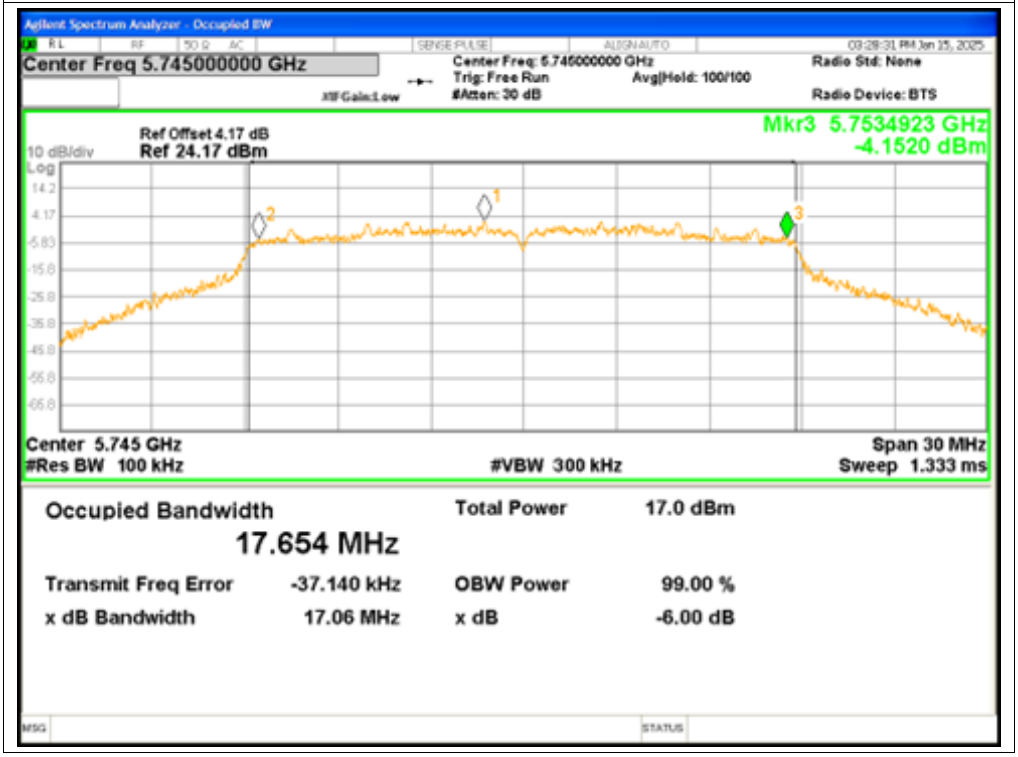
-6dB Bandwidth NVNT n20 5785MHz Ant1



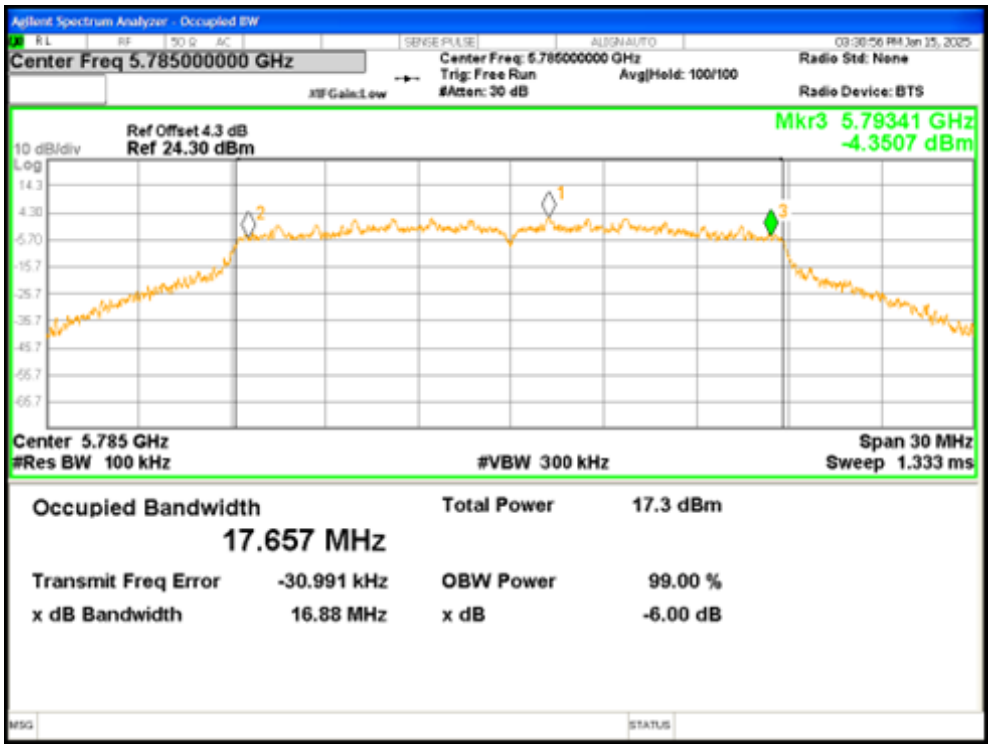
-6dB Bandwidth NVNT n20 5825MHz Ant1



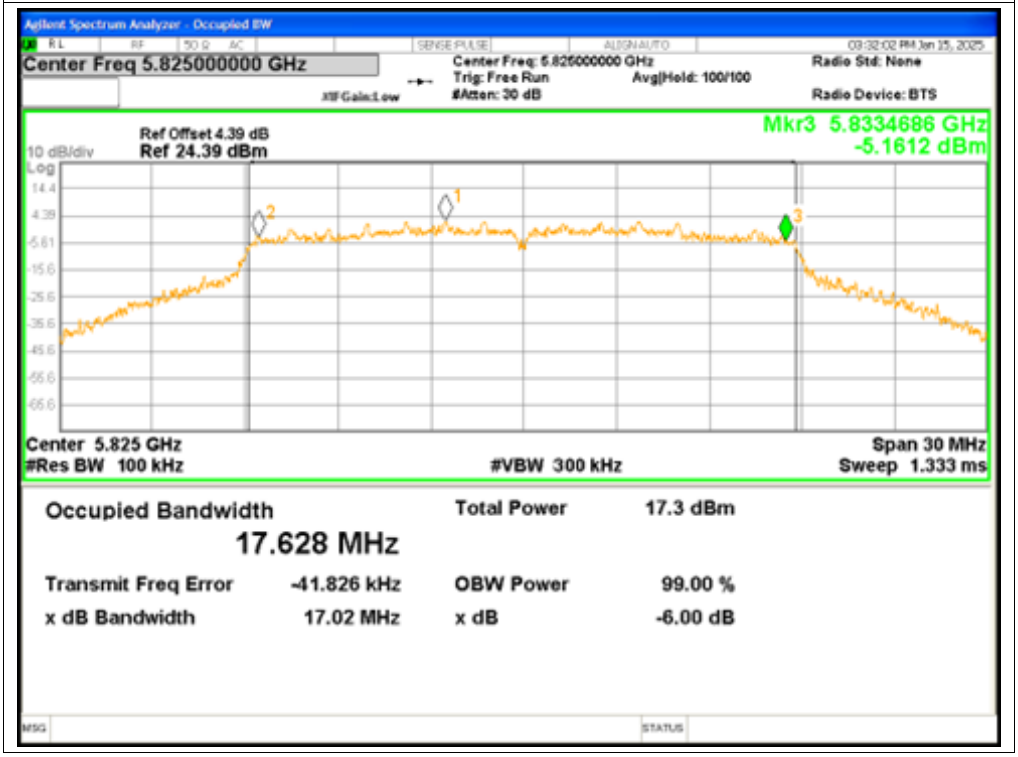
-6dB Bandwidth NVNT n20 5745MHz Ant2



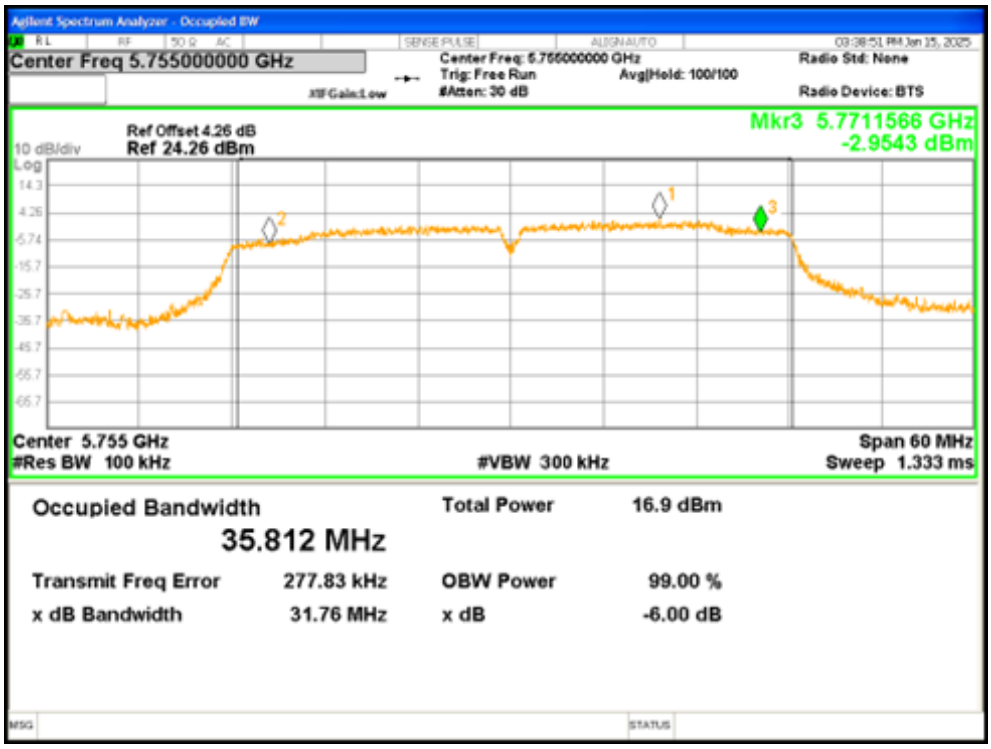
-6dB Bandwidth NVNT n20 5785MHz Ant2



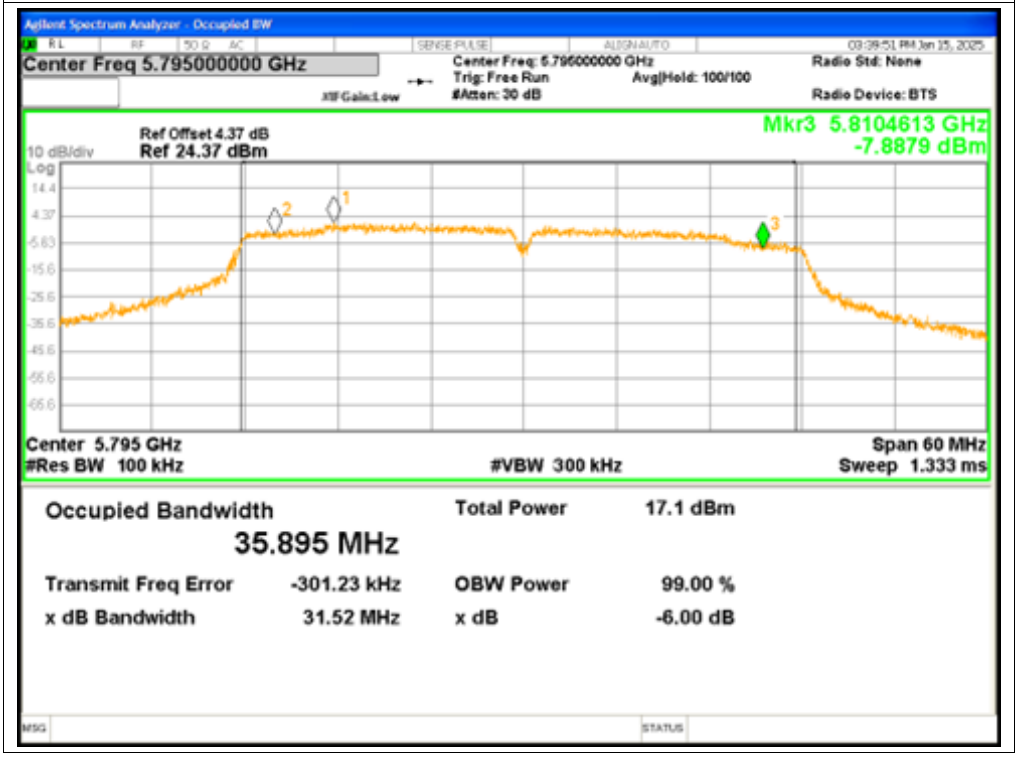
-6dB Bandwidth NVNT n20 5825MHz Ant2



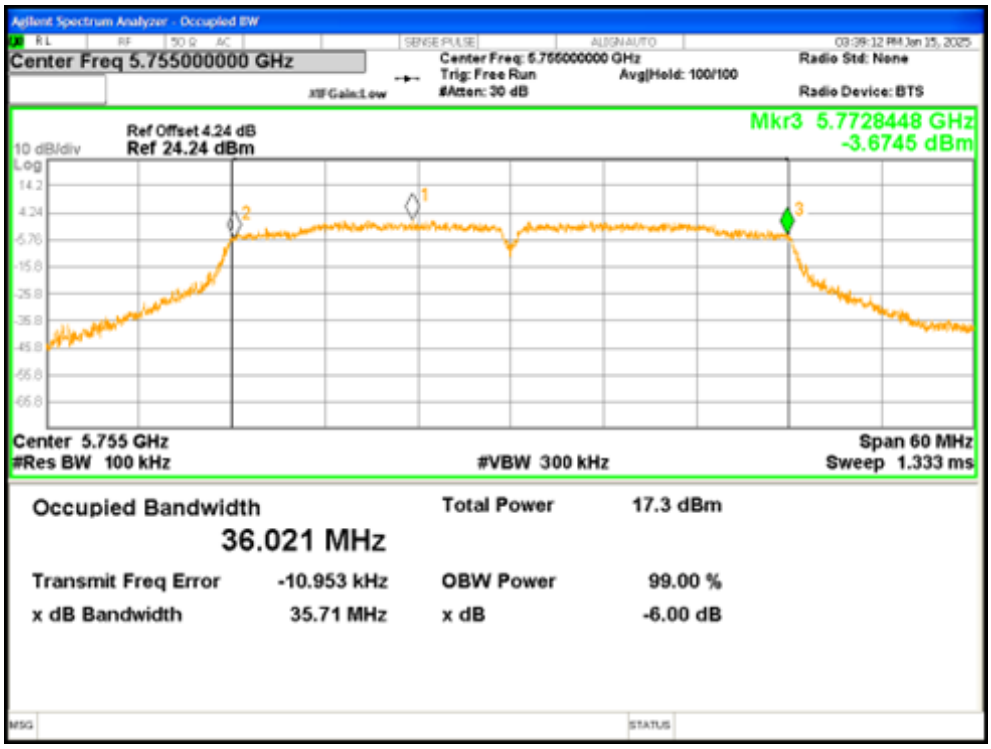
-6dB Bandwidth NVNT n40 5755MHz Ant1



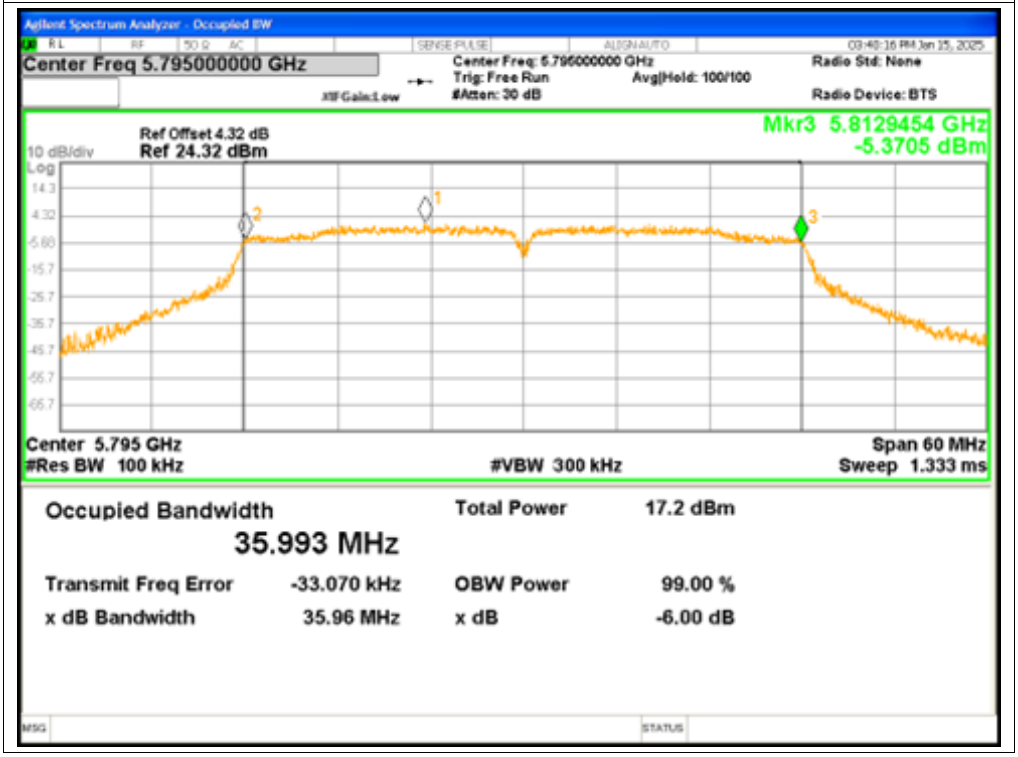
-6dB Bandwidth NVNT n40 5795MHz Ant1



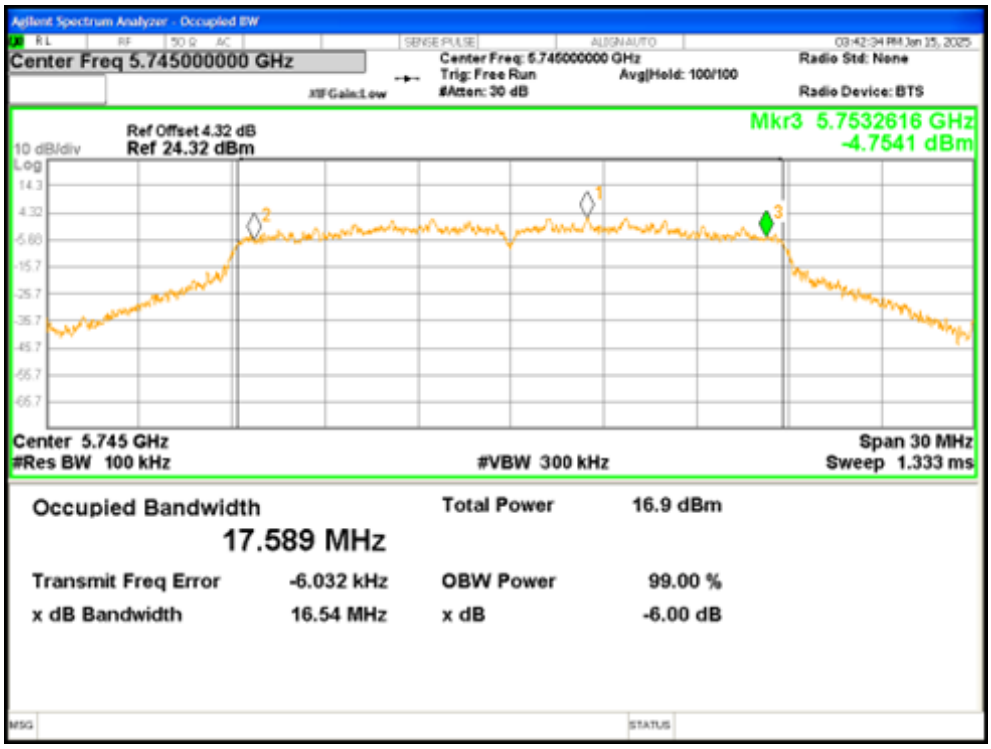
-6dB Bandwidth NVNT n40 5755MHz Ant2



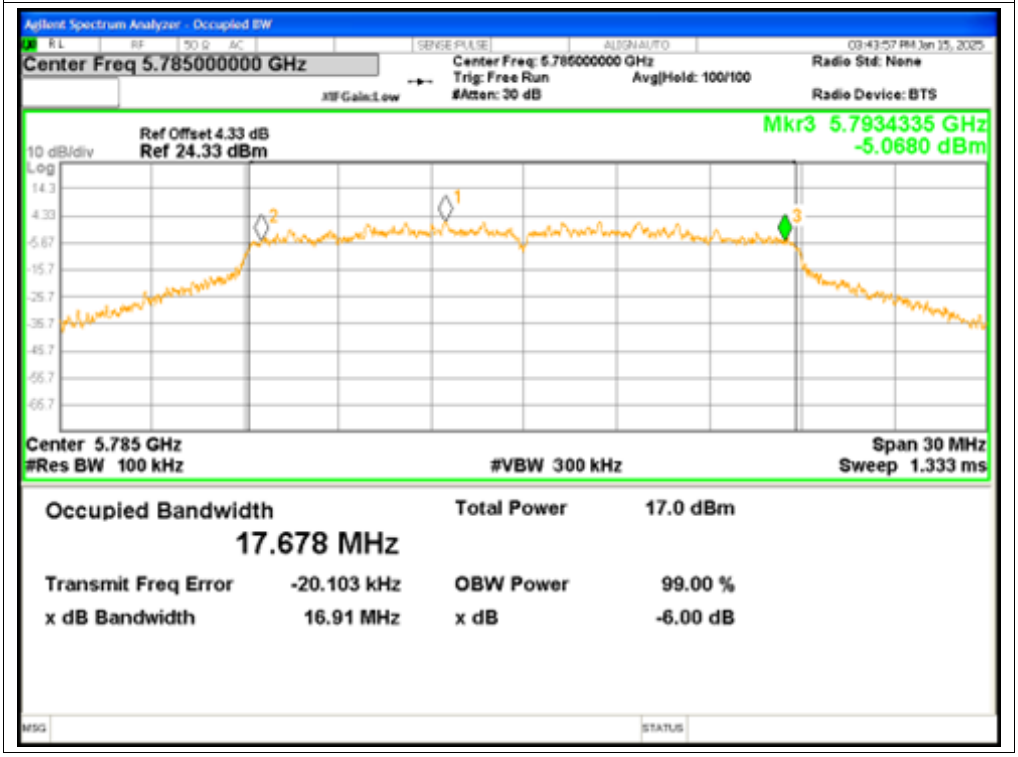
-6dB Bandwidth NVNT n40 5795MHz Ant2



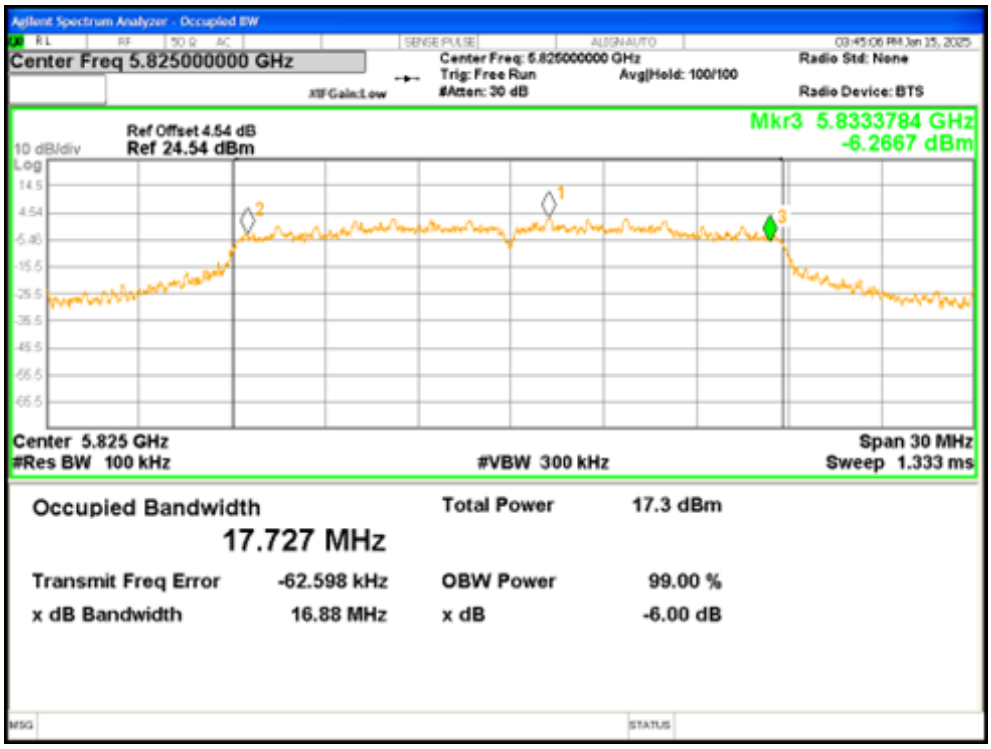
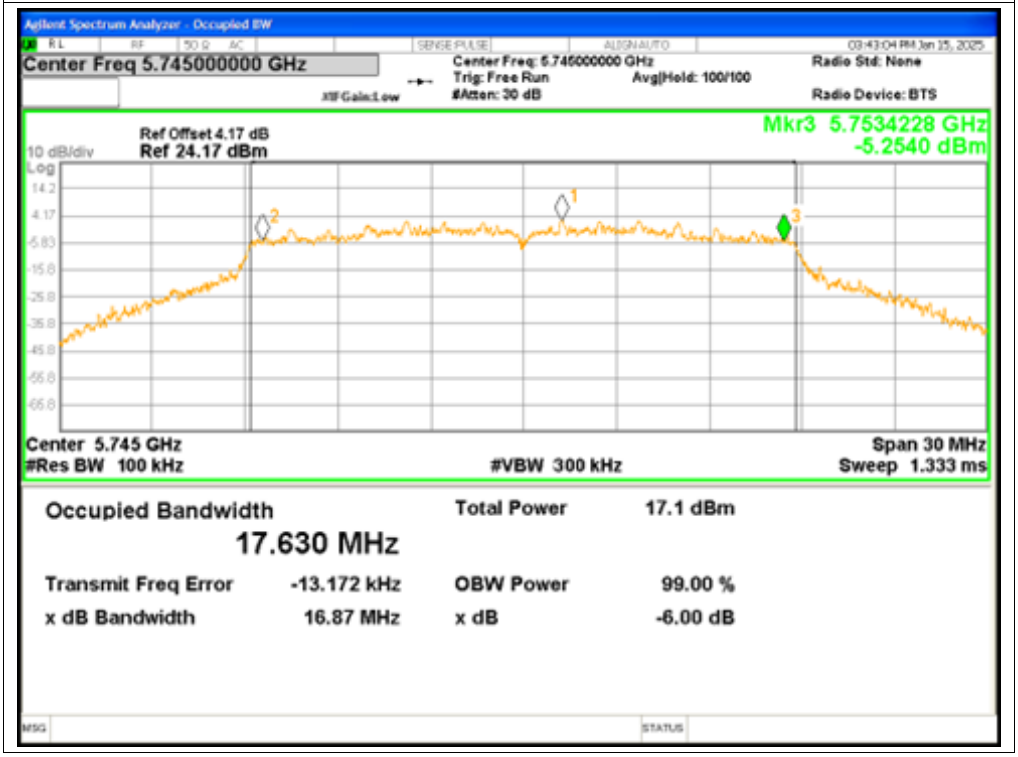
-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant2