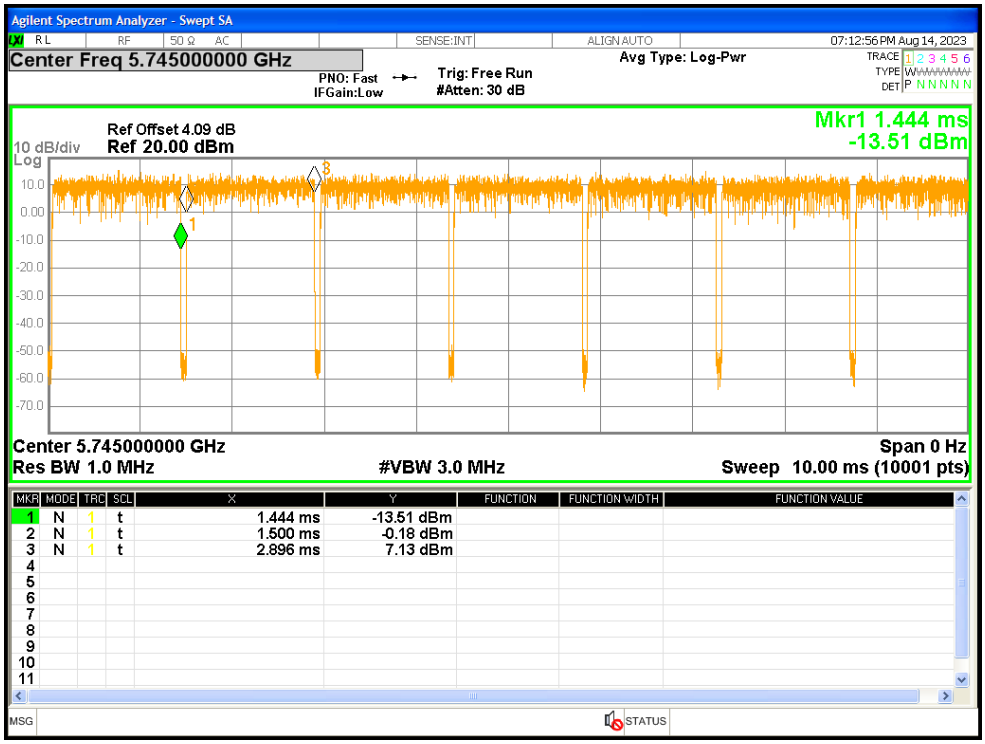
1. Duty Cycle

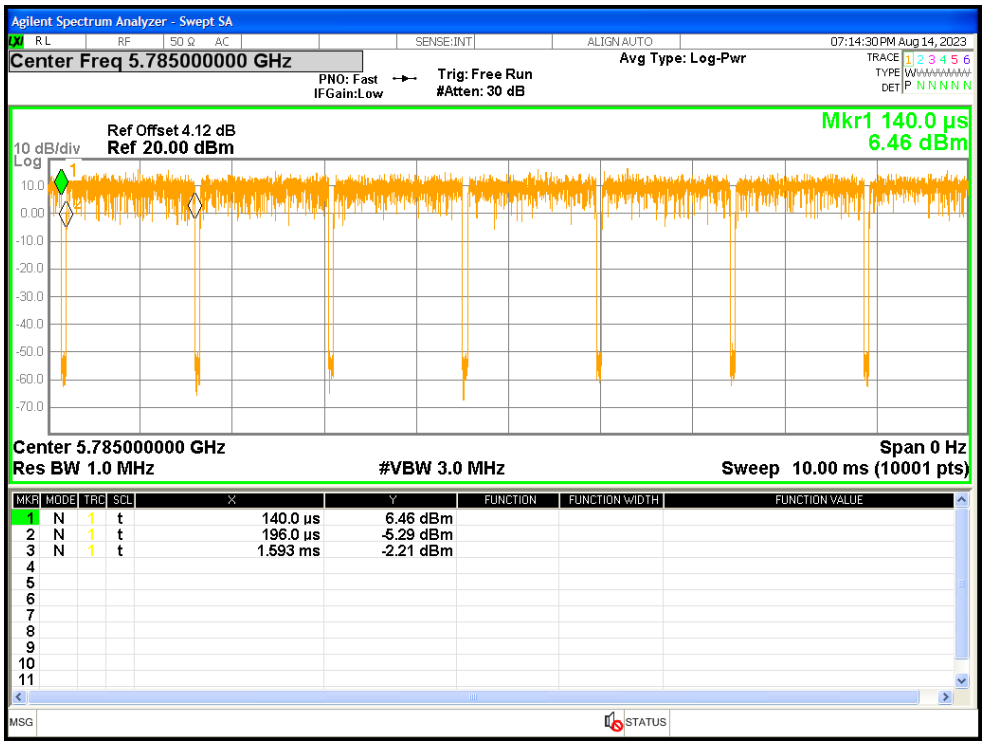
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	96.14	0.17	0.72
NVNT	a	5785	Ant1	96.15	0.17	0.72
NVNT	a	5825	Ant1	96.15	0.17	0.72
NVNT	a	5745	Ant2	96.15	0.17	0.72
NVNT	a	5785	Ant2	96.21	0.17	0.72
NVNT	a	5825	Ant2	96.08	0.17	0.72
NVNT	a	5745	Ant3	96.15	0.17	0.72
NVNT	a	5785	Ant3	96.15	0.17	0.72
NVNT	a	5825	Ant3	96.15	0.17	0.72
NVNT	ac20	5745	Sum	89.74	0.47	2.08
NVNT	ac20	5785	Sum	89.57	0.48	2.08
NVNT	ac20	5825	Sum	89.74	0.47	2.08
NVNT	ac40	5755	Sum	82.33	0.84	3.83
NVNT	ac40	5795	Sum	82.33	0.84	3.83
NVNT	ac80	5775	Sum	72.77	1.38	6.71
NVNT	ax20	5745	Sum	88.48	0.53	2.33
NVNT	ax20	5785	Sum	88.48	0.53	2.33
NVNT	ax20	5825	Sum	88.45	0.53	2.33
NVNT	ax40	5755	Sum	88.37	0.54	2.35
NVNT	ax40	5795	Sum	88.38	0.54	2.35
NVNT	ax80	5775	Sum	82.22	0.85	3.86
NVNT	n20	5745	Sum	95.91	0.18	0.76
NVNT	n20	5785	Sum	95.91	0.18	0.76
NVNT	n20	5825	Sum	95.91	0.18	0.76
NVNT	n40	5755	Sum	92.09	0.36	1.52
NVNT	n40	5795	Sum	92.15	0.36	1.52

Test Graphs

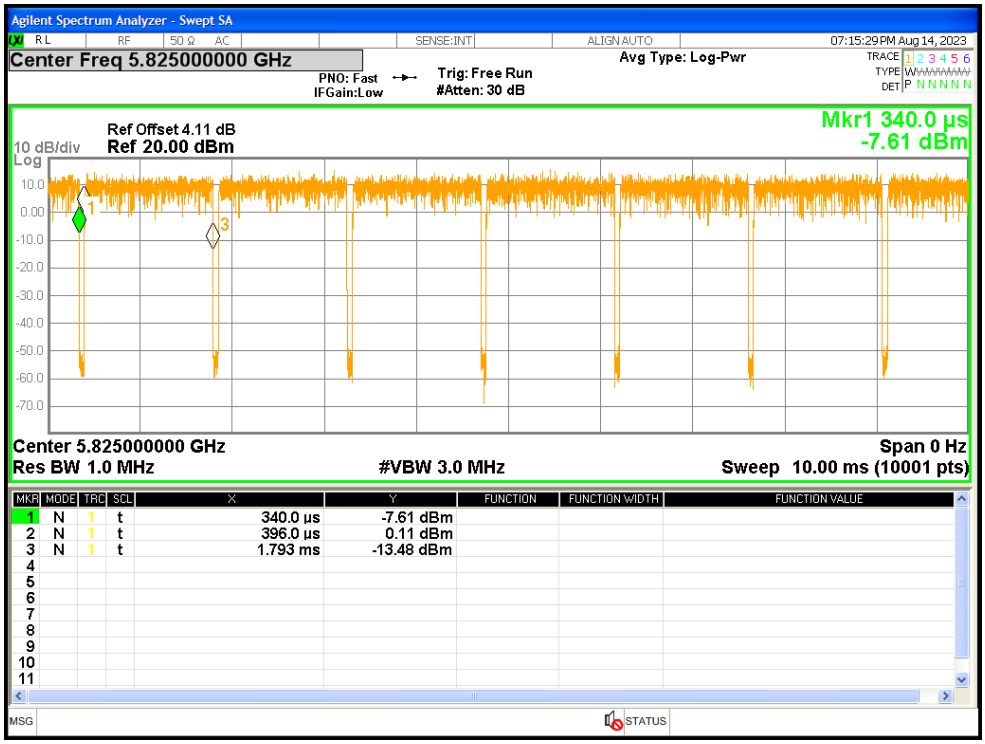
Duty Cycle NVNT a 5745MHz Ant1



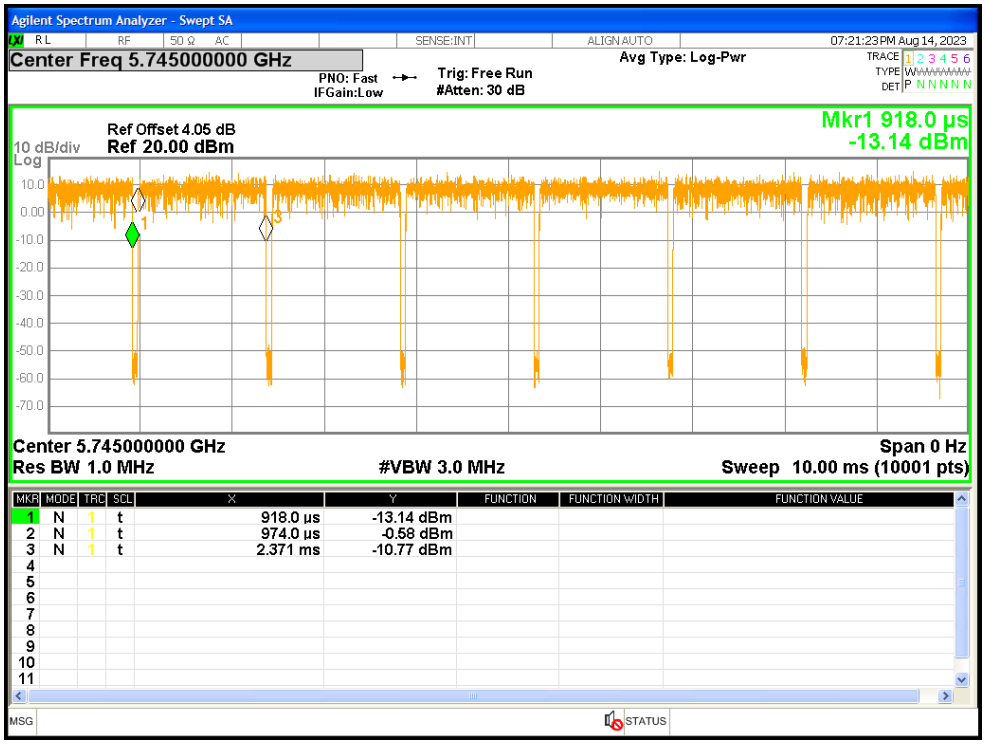
Duty Cycle NVNT a 5785MHz Ant1



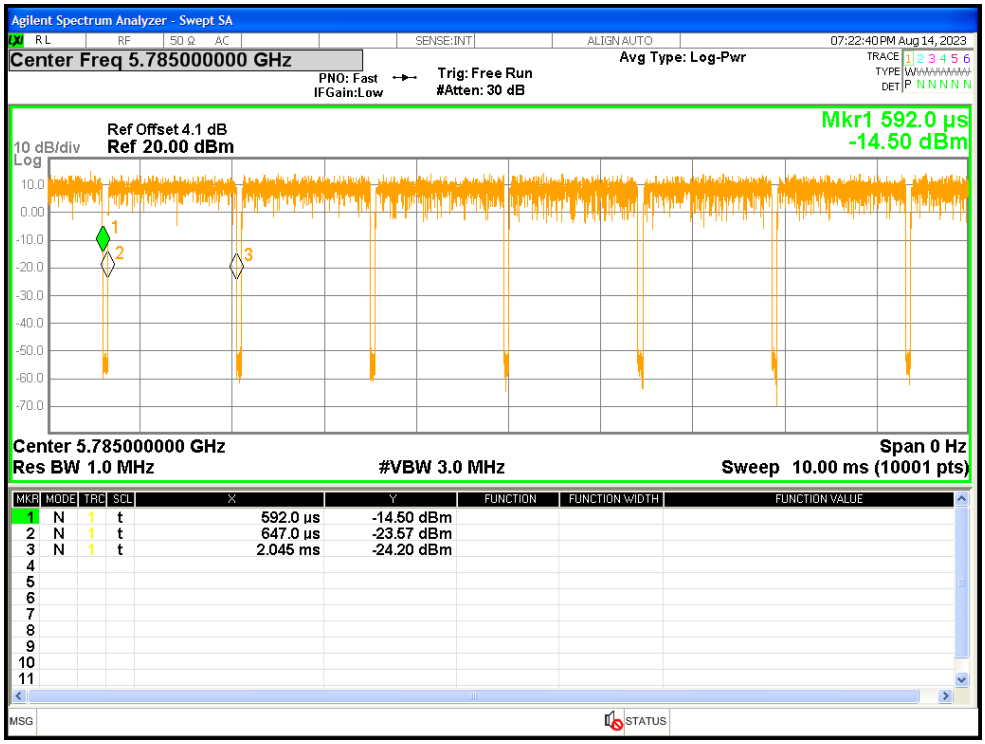
Duty Cycle NVNT a 5825MHz Ant1



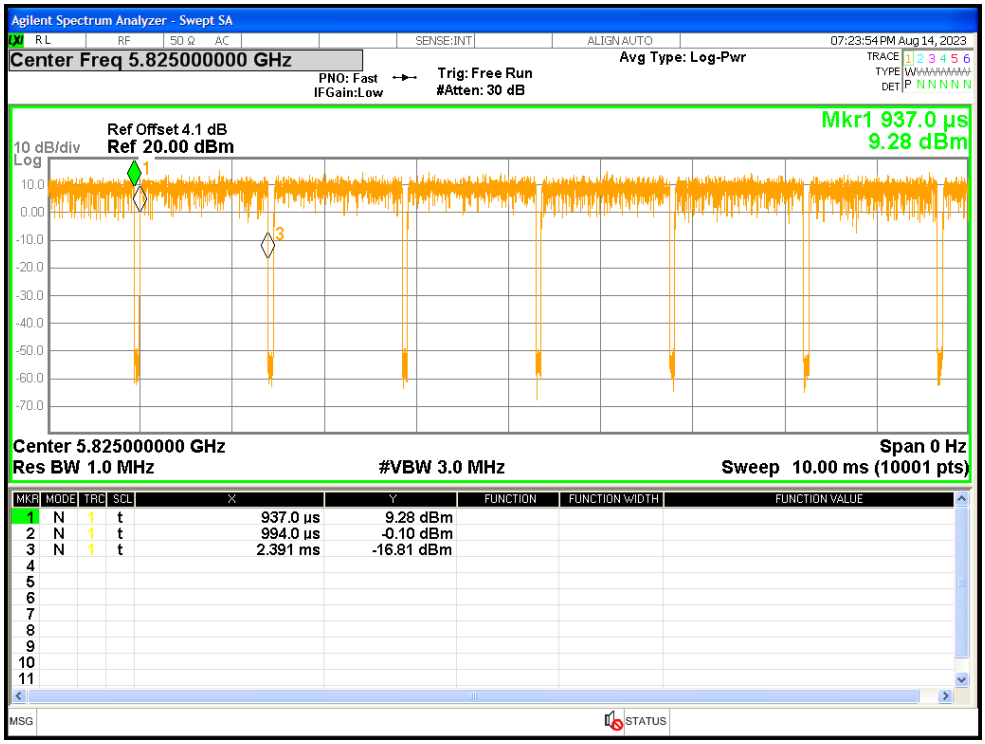
Duty Cycle NVNT a 5745MHz Ant2



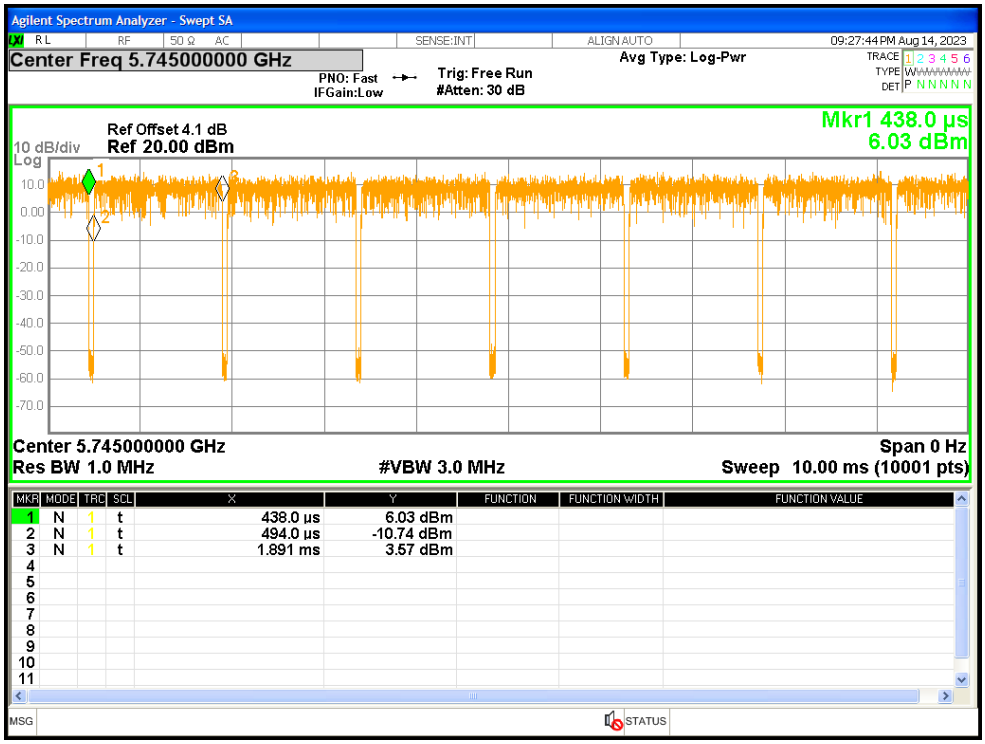
Duty Cycle NVNT a 5785MHz Ant2



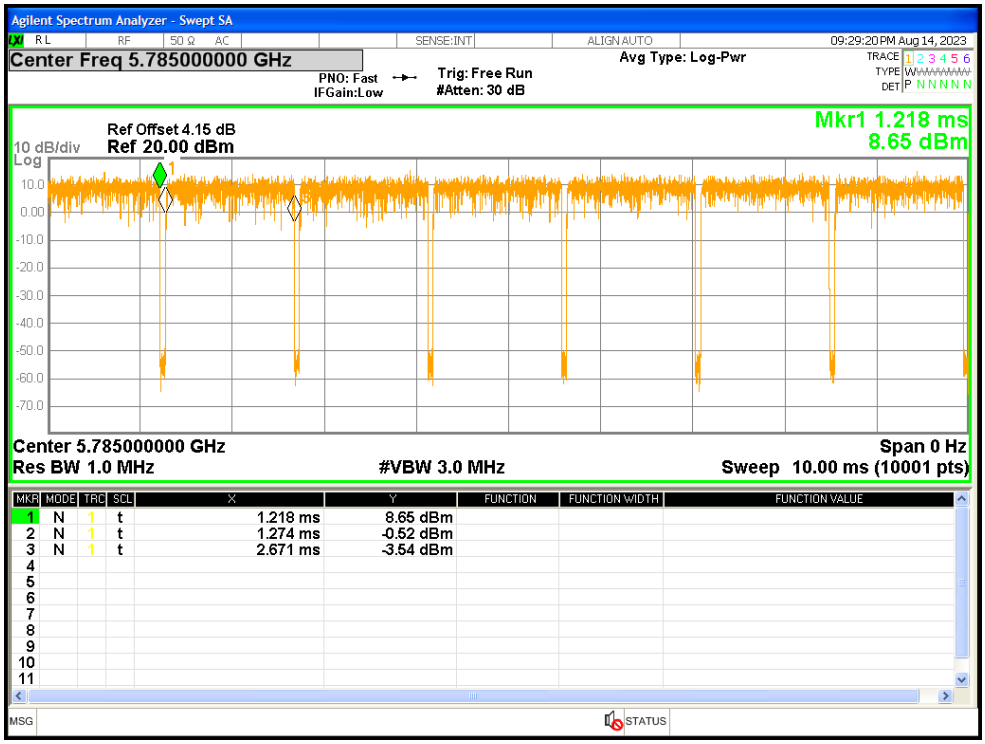
Duty Cycle NVNT a 5825MHz Ant2



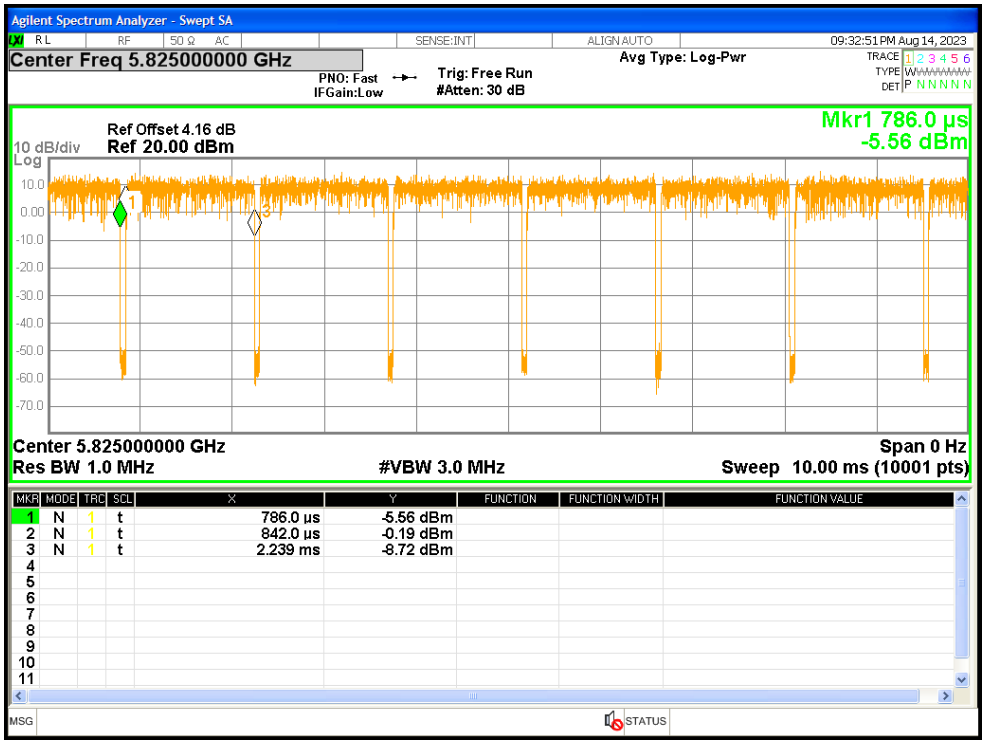
Duty Cycle NVNT a 5745MHz Ant3



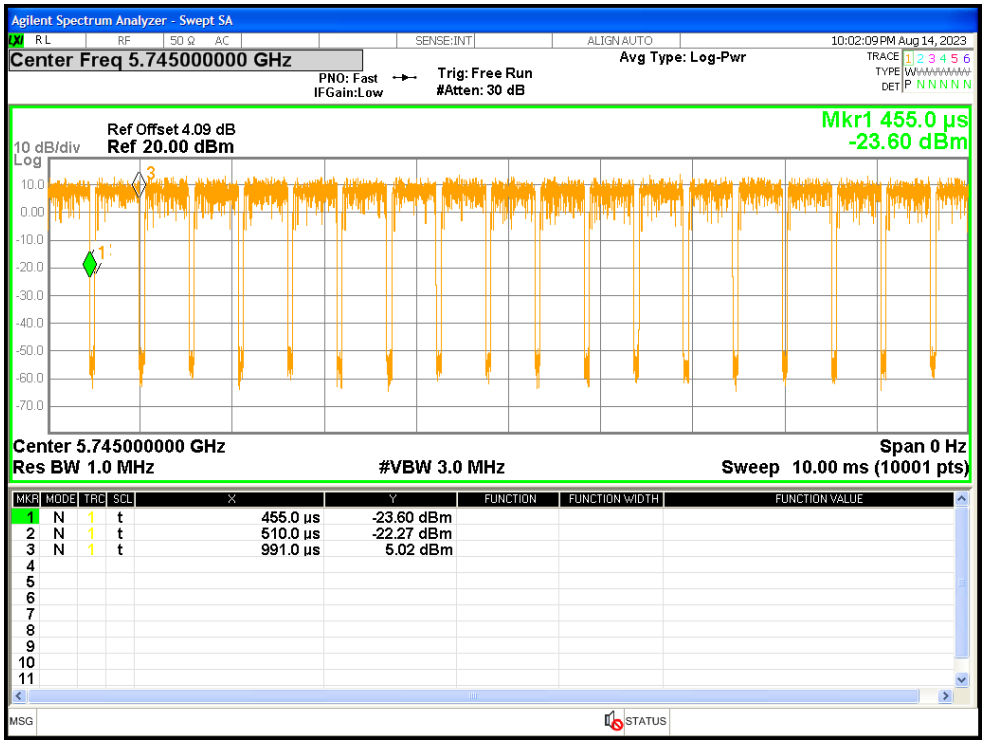
Duty Cycle NVNT a 5785MHz Ant3



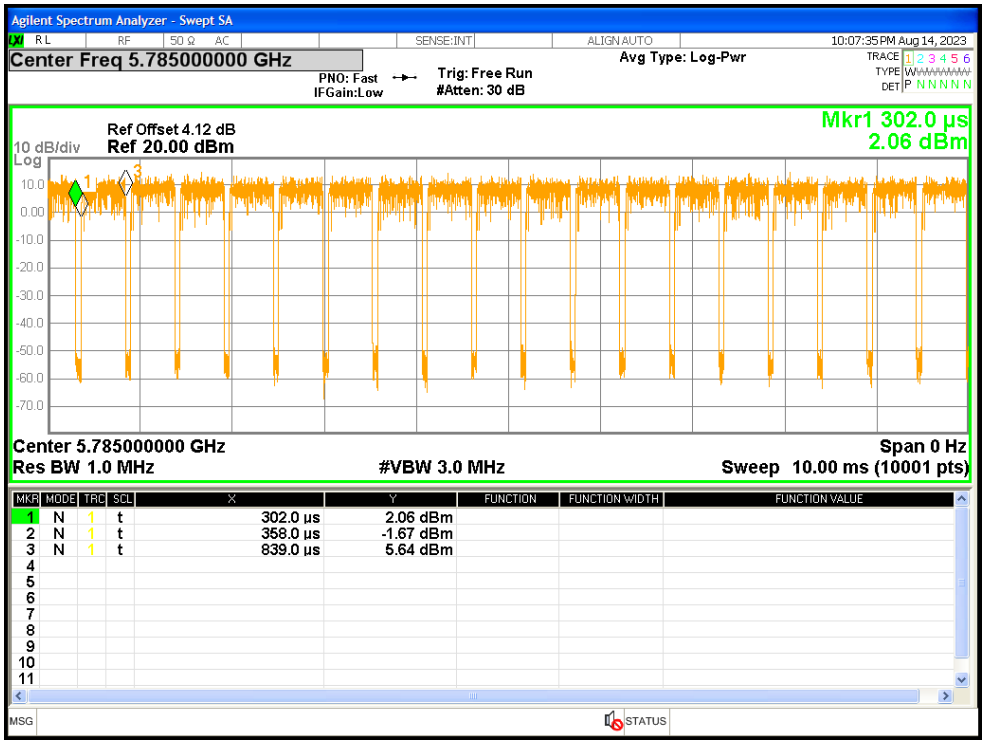
Duty Cycle NVNT a 5825MHz Ant3



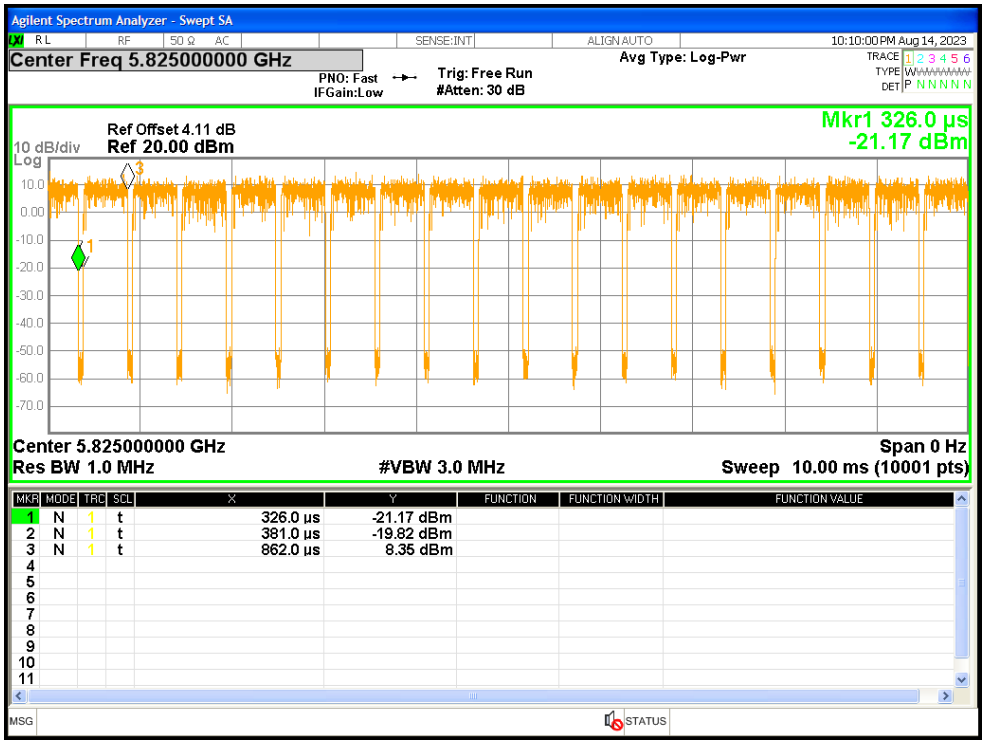
Duty Cycle NVNT ac20 5745MHz Sum



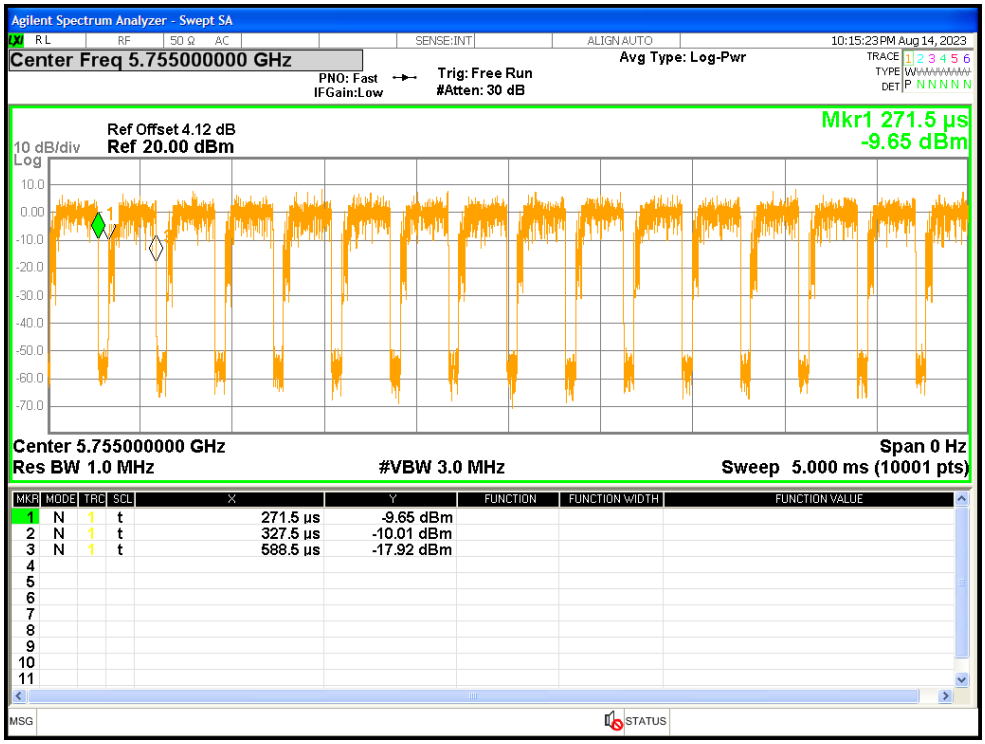
Duty Cycle NVNT ac20 5785MHz Sum



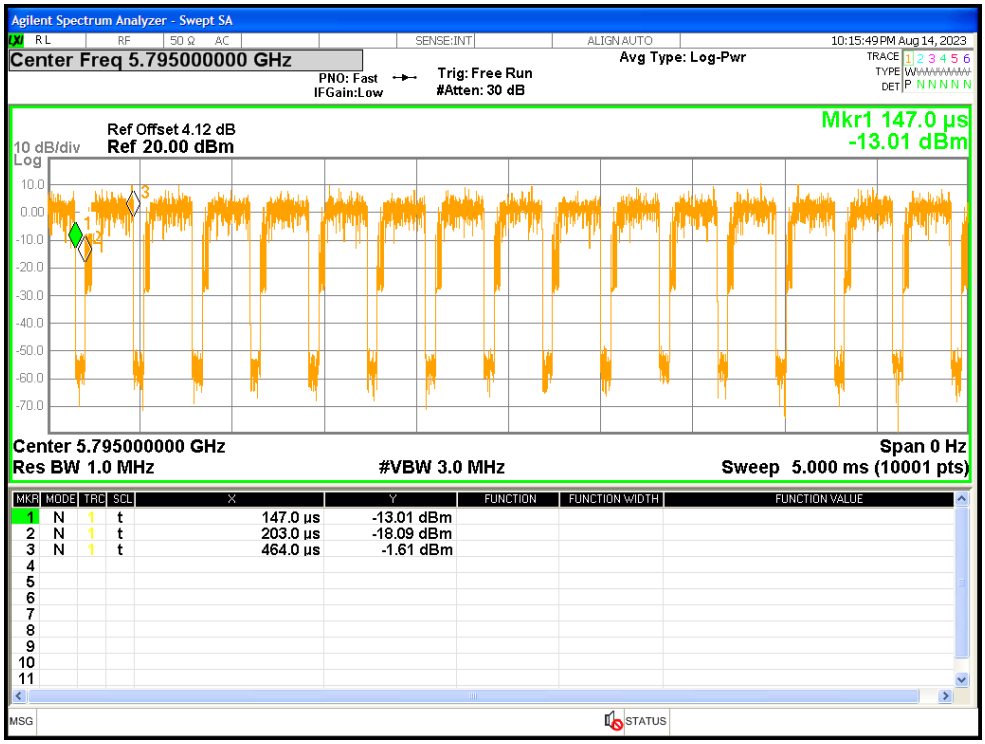
Duty Cycle NVNT ac20 5825MHz Sum



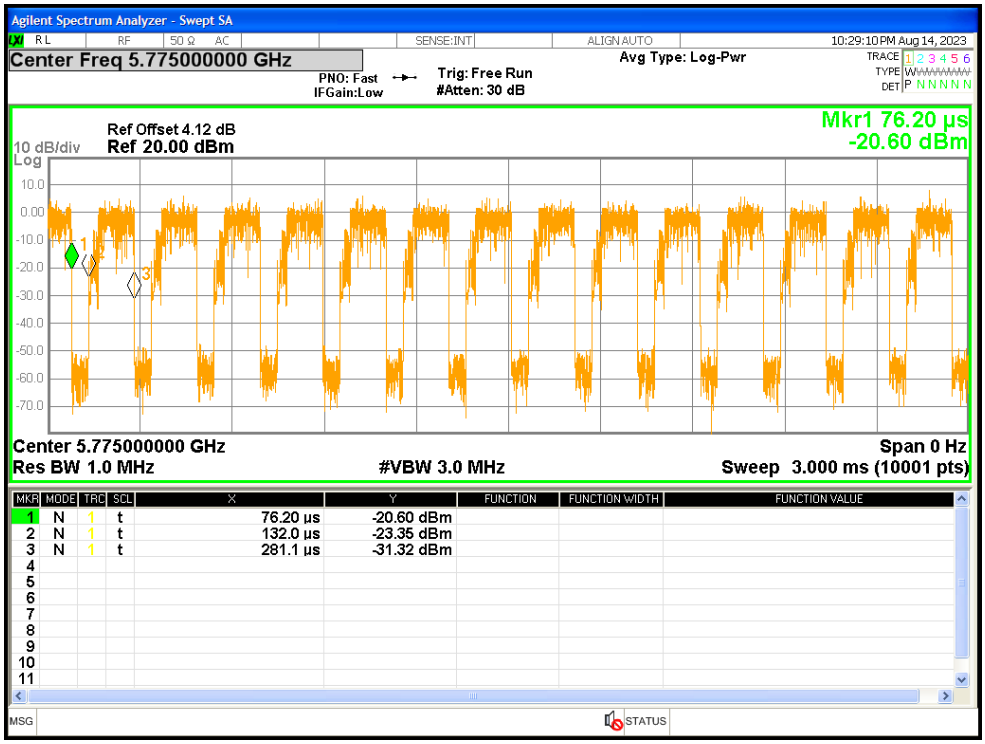
Duty Cycle NVNT ac40 5755MHz Sum



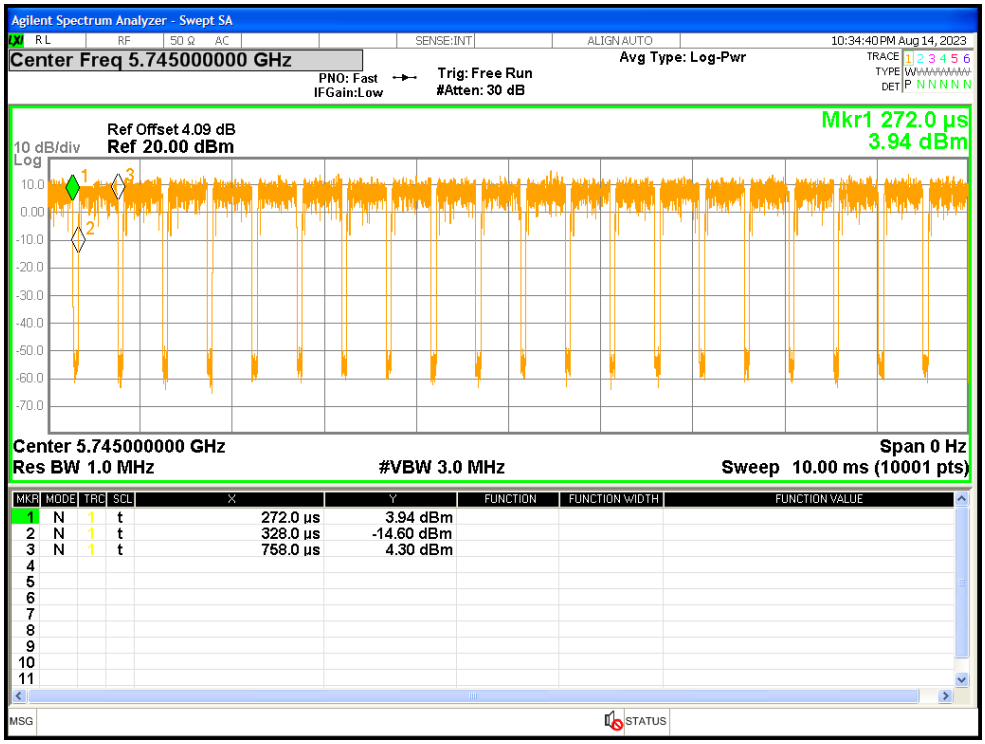
Duty Cycle NVNT ac40 5795MHz Sum



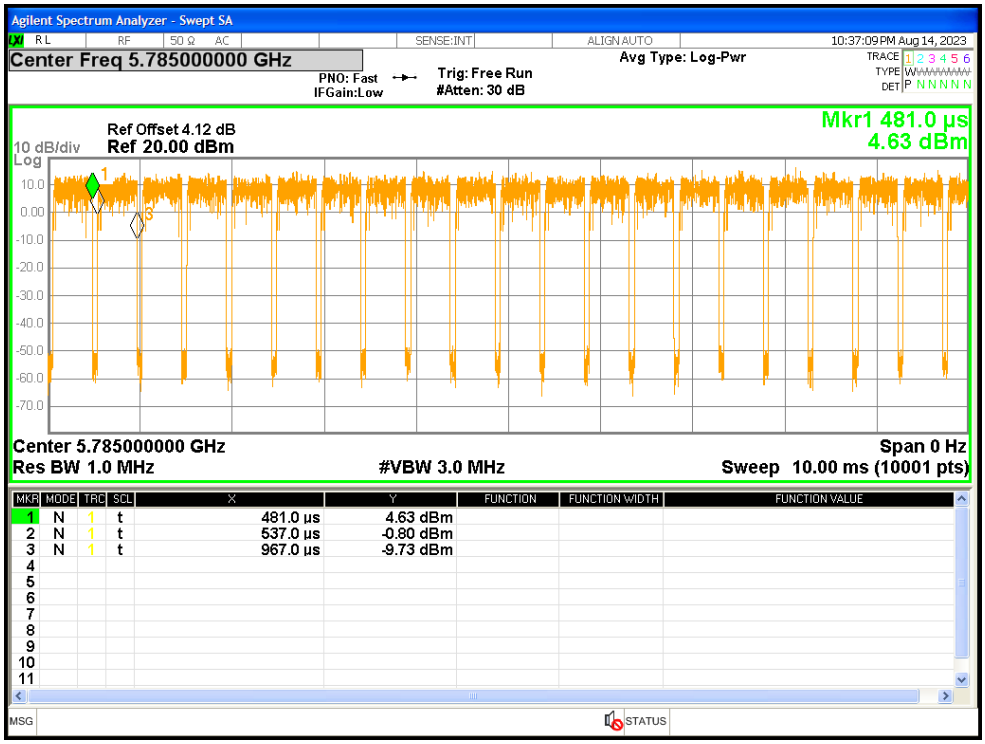
Duty Cycle NVNT ac80 5775MHz Sum



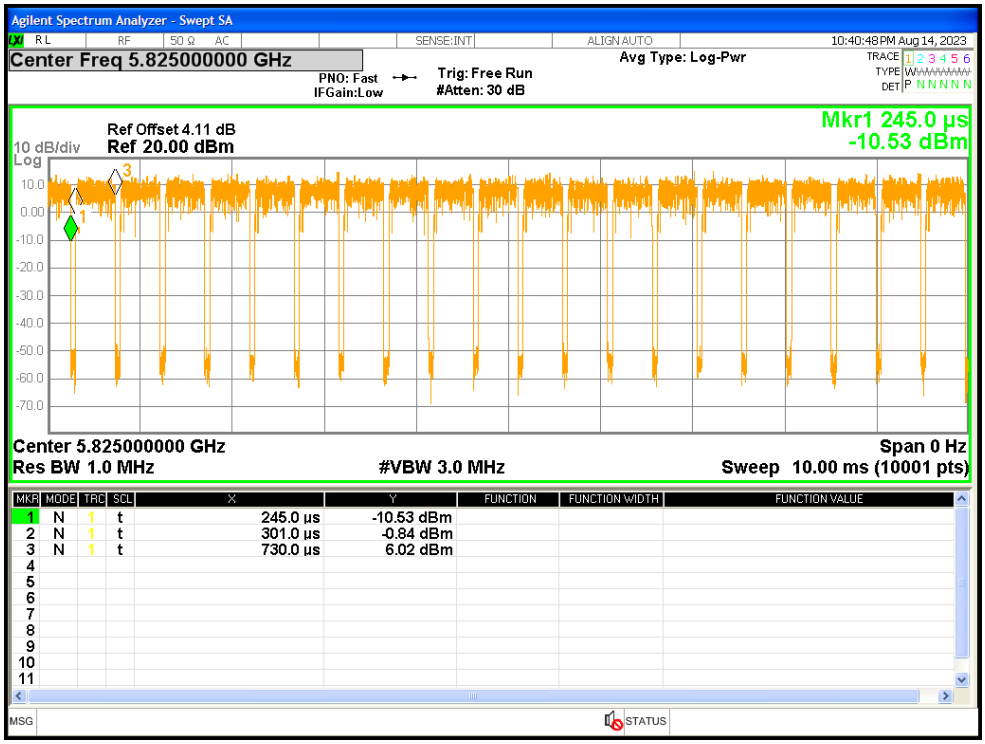
Duty Cycle NVNT ax20 5745MHz Sum



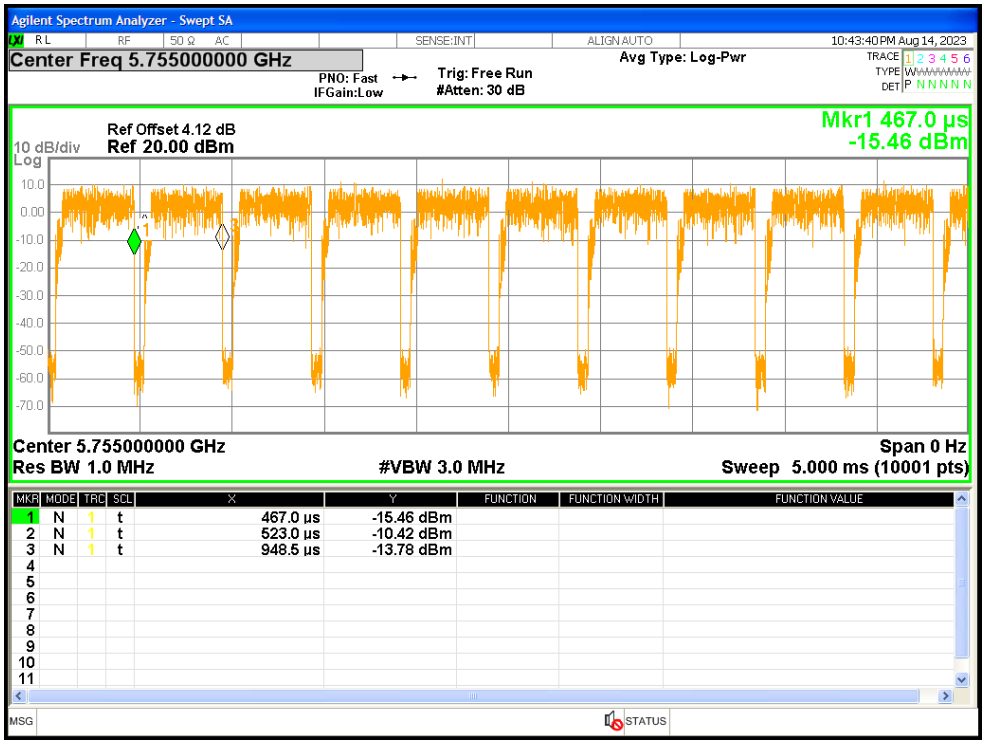
Duty Cycle NVNT ax20 5785MHz Sum



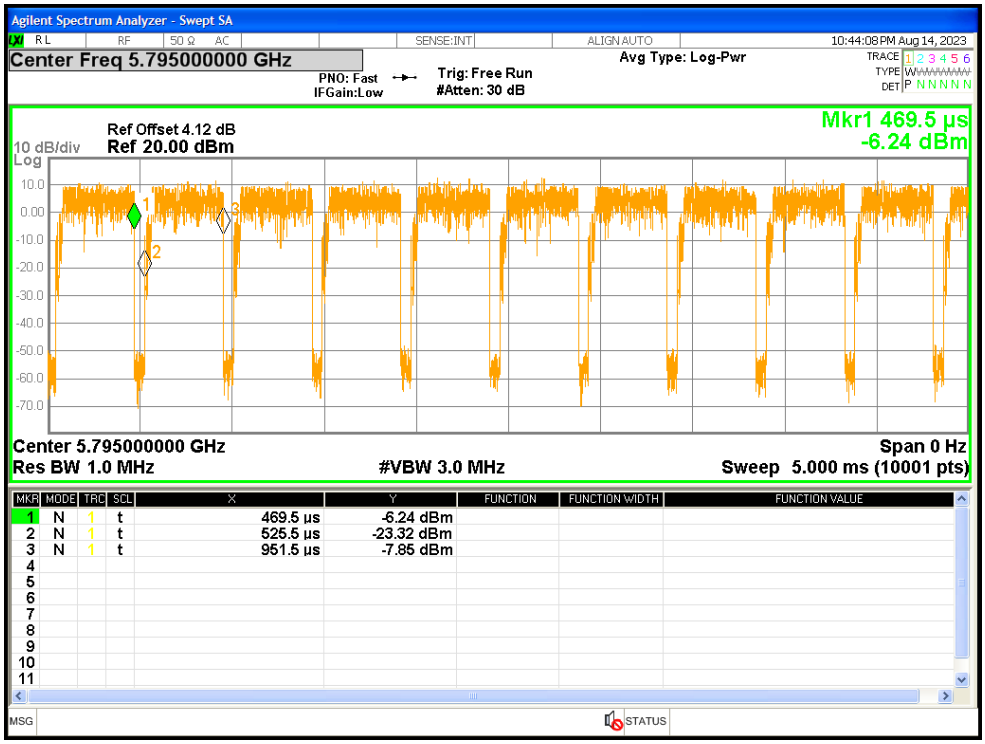
Duty Cycle NVNT ax20 5825MHz Sum



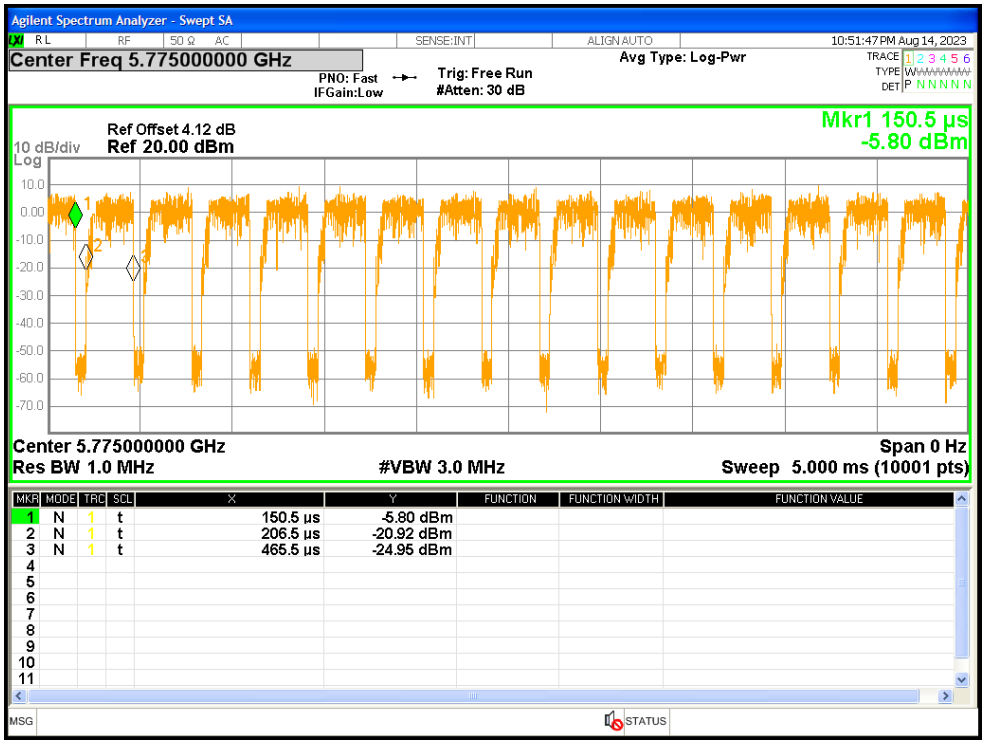
Duty Cycle NVNT ax40 5755MHz Sum



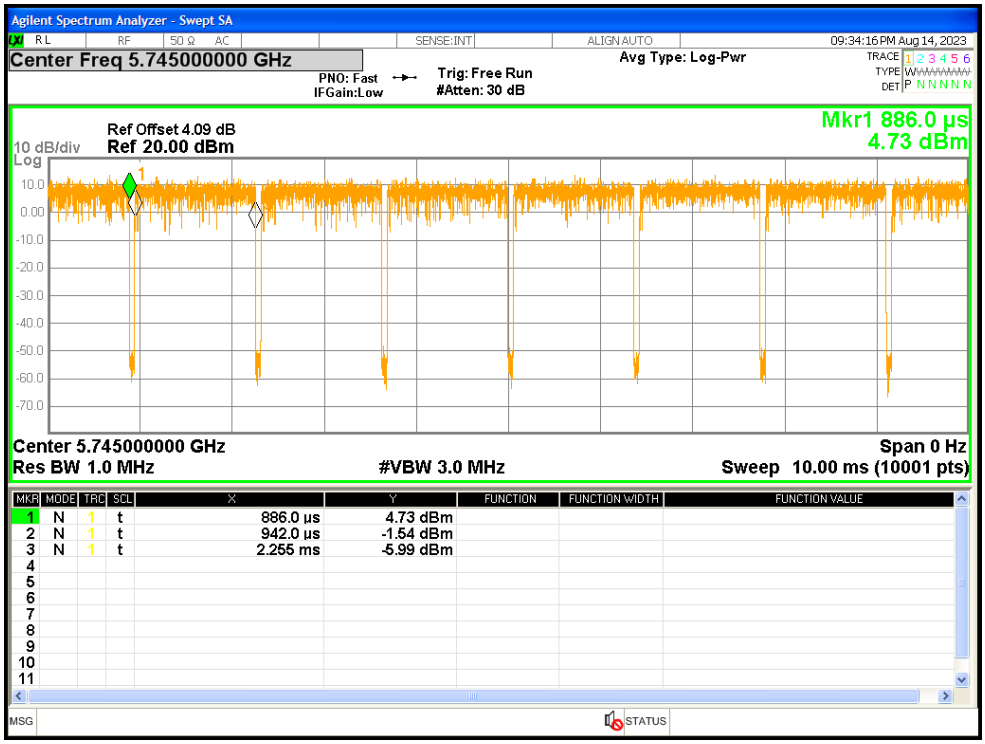
Duty Cycle NVNT ax40 5795MHz Sum



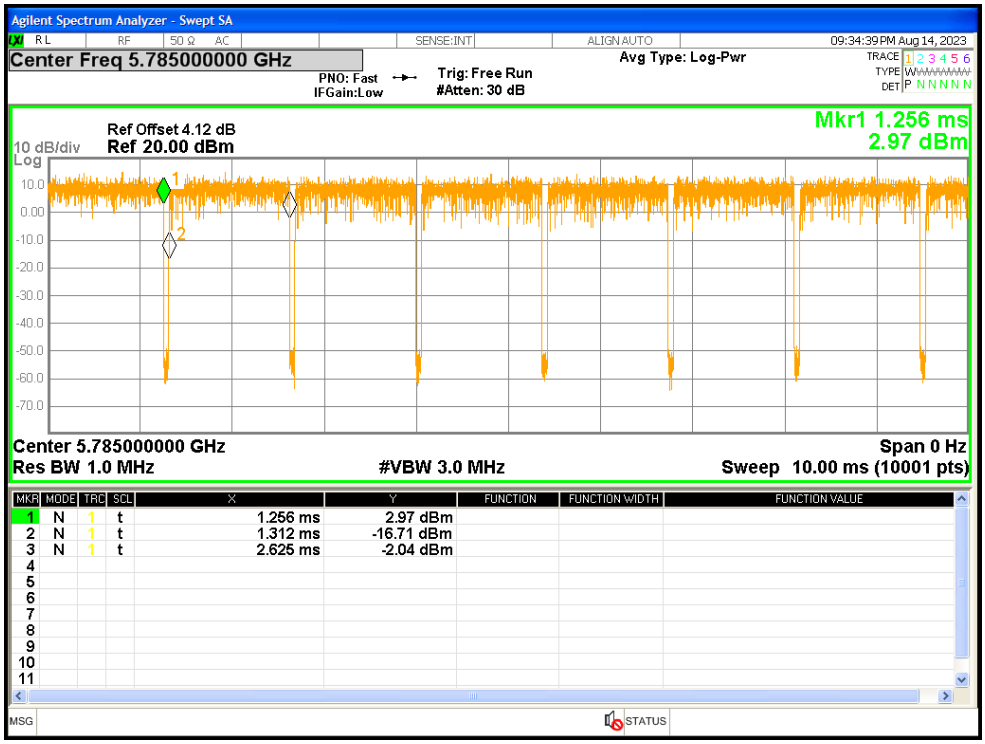
Duty Cycle NVNT ax80 5775MHz Sum



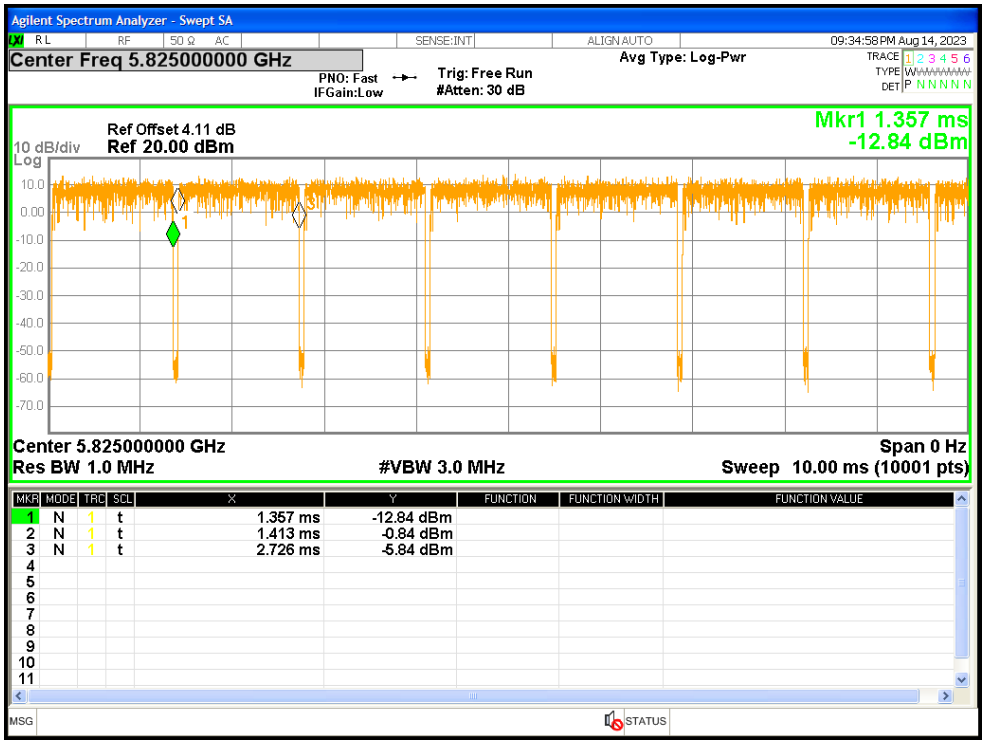
Duty Cycle NVNT n20 5745MHz Sum



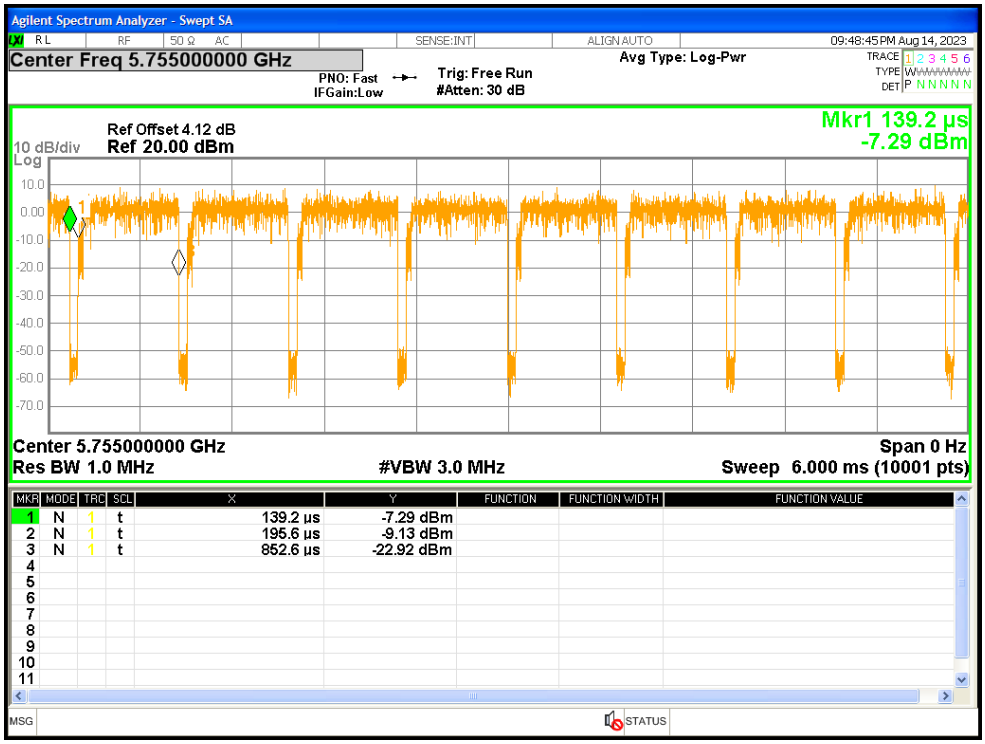
Duty Cycle NVNT n20 5785MHz Sum



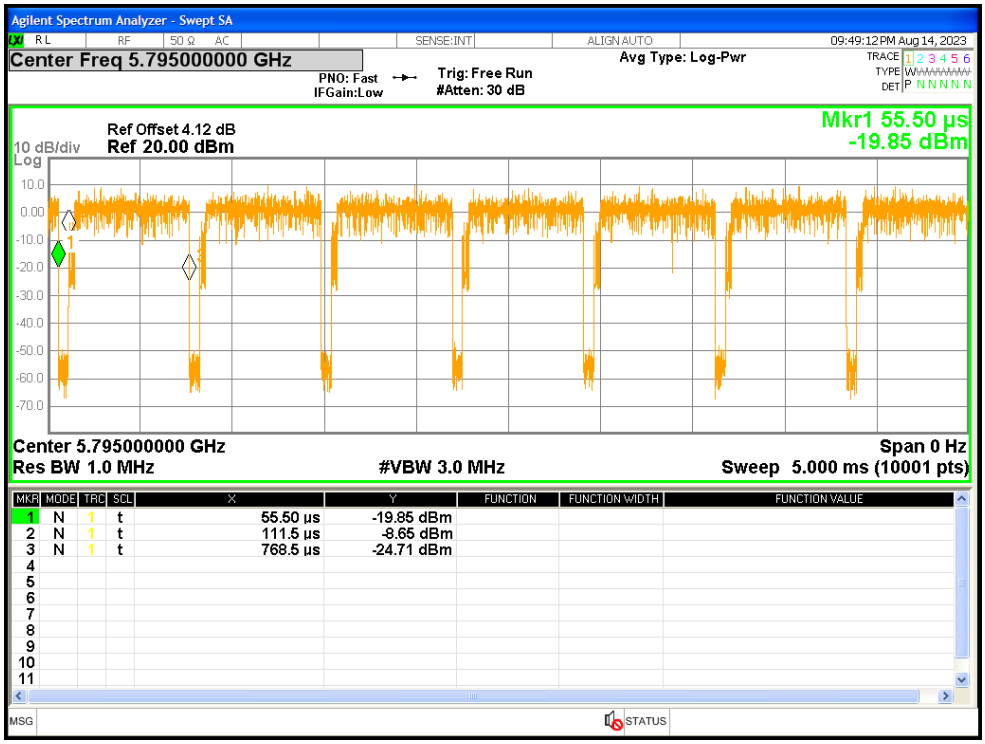
Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum



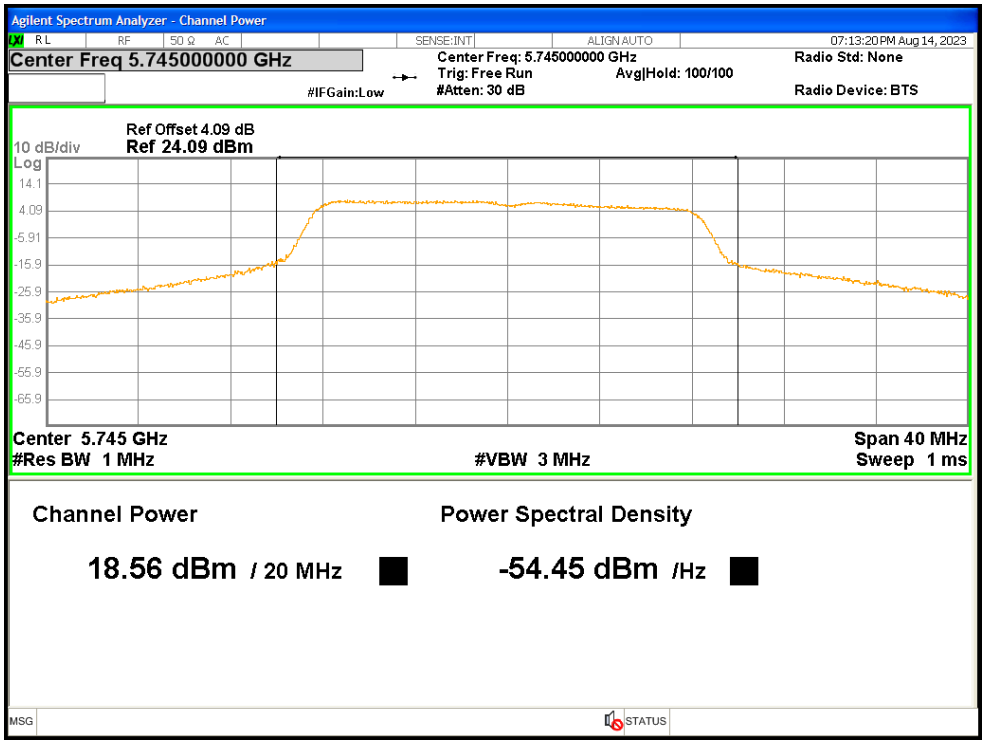
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	18.56	0.17	18.73	<=30	Pass
NVNT	a	5785	Ant1	19.04	0.17	19.21	<=30	Pass
NVNT	a	5825	Ant1	18.72	0.17	18.89	<=30	Pass
NVNT	a	5745	Ant2	18.09	0.17	18.26	<=30	Pass
NVNT	a	5785	Ant2	18.38	0.17	18.55	<=30	Pass
NVNT	a	5825	Ant2	18.23	0.17	18.4	<=30	Pass
NVNT	a	5745	Ant3	18.3	0.17	18.47	<=30	Pass
NVNT	a	5785	Ant3	18.38	0.17	18.55	<=30	Pass
NVNT	a	5825	Ant3	18.22	0.17	18.39	<=30	Pass
NVNT	ac20	5745	Ant1	17.33	0.47	17.8	<=30	Pass
NVNT	ac20	5745	Ant2	16.92	0.47	17.39	<=30	Pass
NVNT	ac20	5745	Ant3	17.03	0.47	17.5	<=30	Pass
NVNT	ac20	5745	Sum	21.87	0.47	22.34	<=27.11	Pass
NVNT	ac20	5785	Ant1	17.76	0.48	18.24	<=30	Pass
NVNT	ac20	5785	Ant2	17.3	0.48	17.78	<=30	Pass
NVNT	ac20	5785	Ant3	17.28	0.48	17.76	<=30	Pass
NVNT	ac20	5785	Sum	22.22	0.48	22.7	<=27.11	Pass
NVNT	ac20	5825	Ant1	17.47	0.47	17.94	<=30	Pass
NVNT	ac20	5825	Ant2	17.14	0.47	17.61	<=30	Pass
NVNT	ac20	5825	Ant3	17.27	0.47	17.74	<=30	Pass
NVNT	ac20	5825	Sum	22.07	0.47	22.54	<=27.11	Pass
NVNT	ac40	5755	Ant1	17.06	0.84	17.9	<=30	Pass
NVNT	ac40	5755	Ant2	16.58	0.84	17.42	<=30	Pass
NVNT	ac40	5755	Ant3	17.15	0.84	17.99	<=30	Pass
NVNT	ac40	5755	Sum	21.71	0.84	22.55	<=27.11	Pass
NVNT	ac40	5795	Ant1	17.66	0.84	18.5	<=30	Pass
NVNT	ac40	5795	Ant2	17.21	0.84	18.05	<=30	Pass
NVNT	ac40	5795	Ant3	17.13	0.84	17.97	<=30	Pass
NVNT	ac40	5795	Sum	22.11	0.84	22.95	<=27.11	Pass
NVNT	ac80	5775	Ant1	16.25	1.38	17.63	<=30	Pass
NVNT	ac80	5775	Ant2	15.84	1.38	17.22	<=30	Pass
NVNT	ac80	5775	Ant3	15.88	1.38	17.26	<=30	Pass
NVNT	ac80	5775	Sum	20.77	1.38	22.15	<=27.11	Pass
NVNT	ax20	5745	Ant1	17.45	0.53	17.98	<=30	Pass
NVNT	ax20	5745	Ant2	17.09	0.53	17.62	<=30	Pass
NVNT	ax20	5745	Ant3	17.18	0.53	17.71	<=30	Pass
NVNT	ax20	5745	Sum	22.01	0.53	22.54	<=27.11	Pass
NVNT	ax20	5785	Ant1	17.99	0.53	18.52	<=30	Pass
NVNT	ax20	5785	Ant2	17.41	0.53	17.94	<=30	Pass

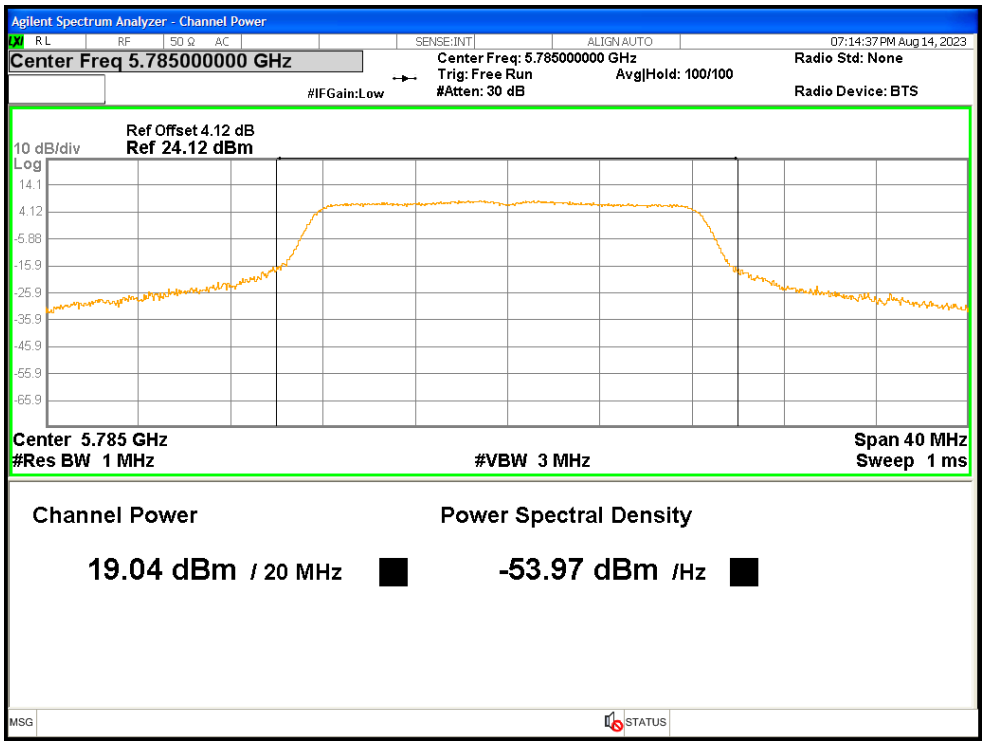
NVNT	ax20	5785	Ant3	17.52	0.53	18.05	<=30	Pass
NVNT	ax20	5785	Sum	22.42	0.53	22.95	<=27.11	Pass
NVNT	ax20	5825	Ant1	17.64	0.53	18.17	<=30	Pass
NVNT	ax20	5825	Ant2	17.2	0.53	17.73	<=30	Pass
NVNT	ax20	5825	Ant3	17.34	0.53	17.87	<=30	Pass
NVNT	ax20	5825	Sum	22.17	0.53	22.7	<=27.11	Pass
NVNT	ax40	5755	Ant1	17.69	0.54	18.23	<=30	Pass
NVNT	ax40	5755	Ant2	17.32	0.54	17.86	<=30	Pass
NVNT	ax40	5755	Ant3	17.62	0.54	18.16	<=30	Pass
NVNT	ax40	5755	Sum	22.32	0.54	22.86	<=27.11	Pass
NVNT	ax40	5795	Ant1	18.14	0.54	18.68	<=30	Pass
NVNT	ax40	5795	Ant2	17.75	0.54	18.29	<=30	Pass
NVNT	ax40	5795	Ant3	17.71	0.54	18.25	<=30	Pass
NVNT	ax40	5795	Sum	22.64	0.54	23.18	<=27.11	Pass
NVNT	ax80	5775	Ant1	17.16	0.85	18.01	<=30	Pass
NVNT	ax80	5775	Ant2	16.72	0.85	17.57	<=30	Pass
NVNT	ax80	5775	Ant3	16.75	0.85	17.6	<=30	Pass
NVNT	ax80	5775	Sum	21.65	0.85	22.5	<=27.11	Pass
NVNT	n20	5745	Ant1	13.81	0.18	13.99	<=30	Pass
NVNT	n20	5745	Ant2	13.46	0.18	13.64	<=30	Pass
NVNT	n20	5745	Ant3	13.6	0.18	13.78	<=30	Pass
NVNT	n20	5745	Sum	18.4	0.18	18.58	<=27.11	Pass
NVNT	n20	5785	Ant1	14.11	0.18	14.29	<=30	Pass
NVNT	n20	5785	Ant2	13.58	0.18	13.76	<=30	Pass
NVNT	n20	5785	Ant3	13.61	0.18	13.79	<=30	Pass
NVNT	n20	5785	Sum	18.54	0.18	18.72	<=27.11	Pass
NVNT	n20	5825	Ant1	14.04	0.18	14.22	<=30	Pass
NVNT	n20	5825	Ant2	13.62	0.18	13.8	<=30	Pass
NVNT	n20	5825	Ant3	13.75	0.18	13.93	<=30	Pass
NVNT	n20	5825	Sum	18.58	0.18	18.76	<=27.11	Pass
NVNT	n40	5755	Ant1	13.29	0.36	13.65	<=30	Pass
NVNT	n40	5755	Ant2	12.79	0.36	13.15	<=30	Pass
NVNT	n40	5755	Ant3	13.35	0.36	13.71	<=30	Pass
NVNT	n40	5755	Sum	17.92	0.36	18.28	<=27.11	Pass
NVNT	n40	5795	Ant1	13.67	0.36	14.03	<=30	Pass
NVNT	n40	5795	Ant2	13.21	0.36	13.57	<=30	Pass
NVNT	n40	5795	Ant3	13.1	0.36	13.46	<=30	Pass
NVNT	n40	5795	Sum	18.1	0.36	18.46	<=27.11	Pass

Test Graphs

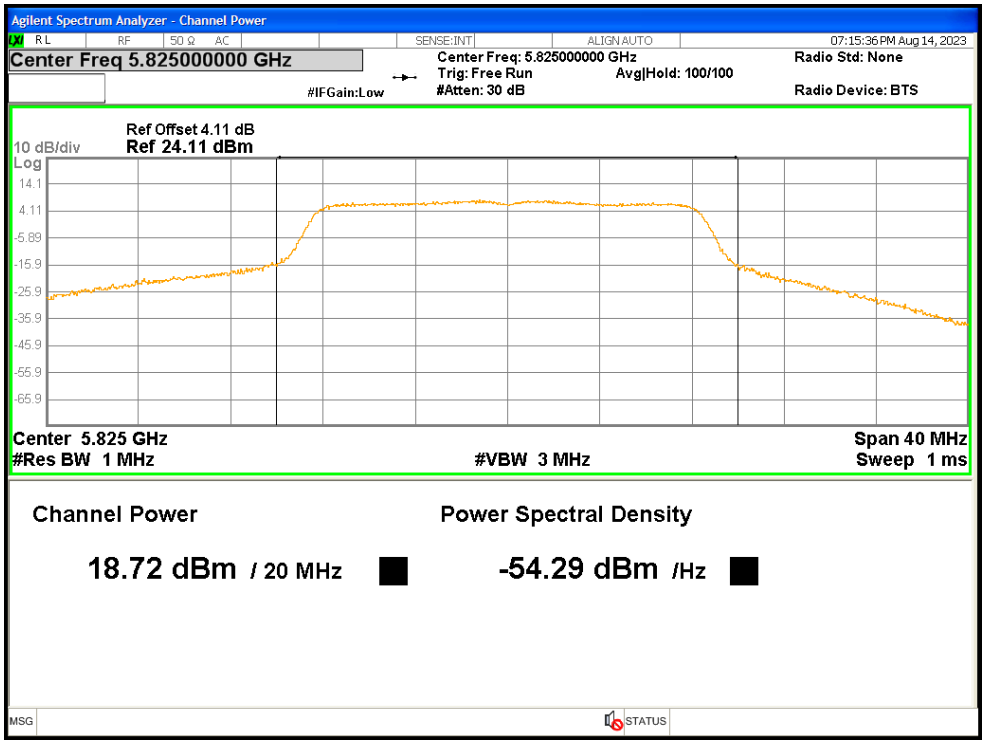
Power NVNT a 5745MHz Ant1



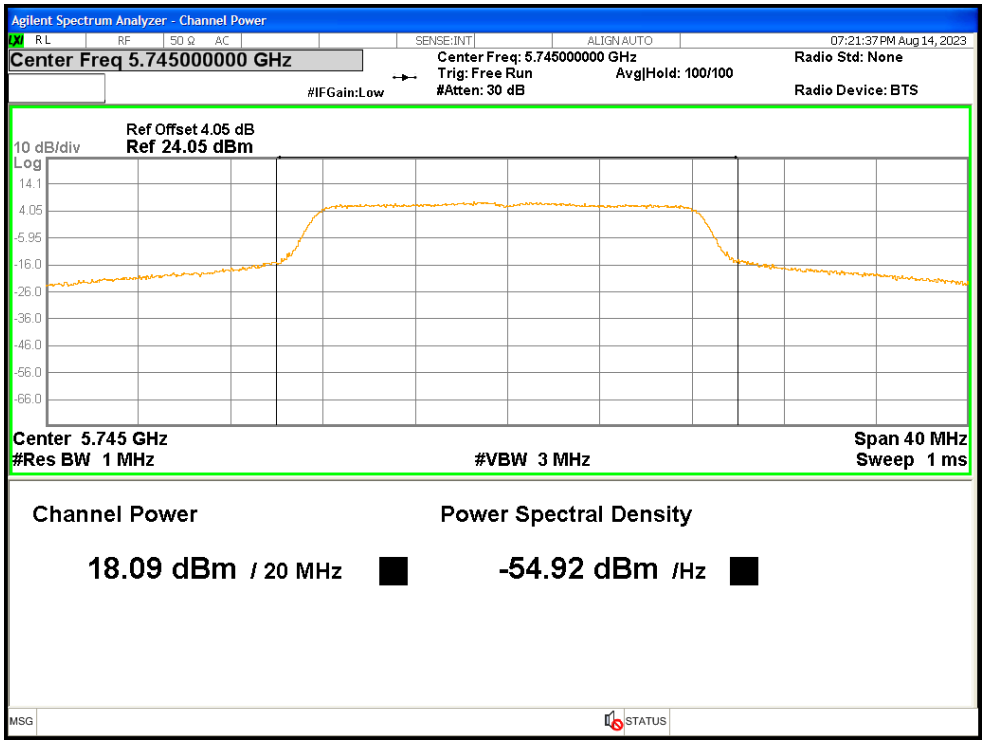
Power NVNT a 5785MHz Ant1



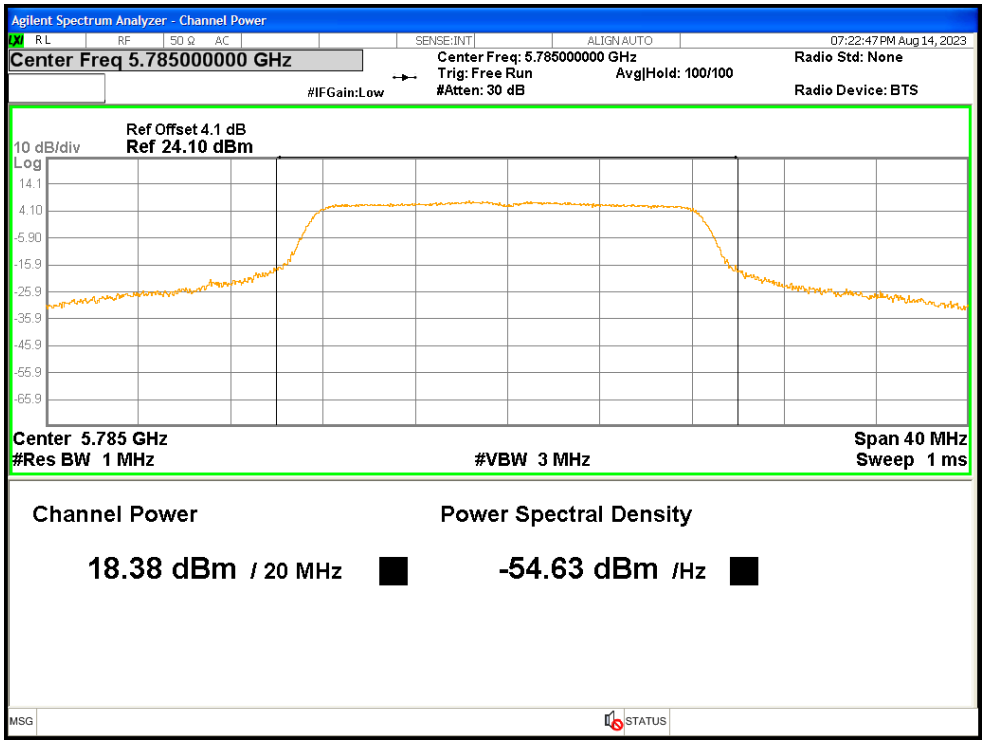
Power NVNT a 5825MHz Ant1



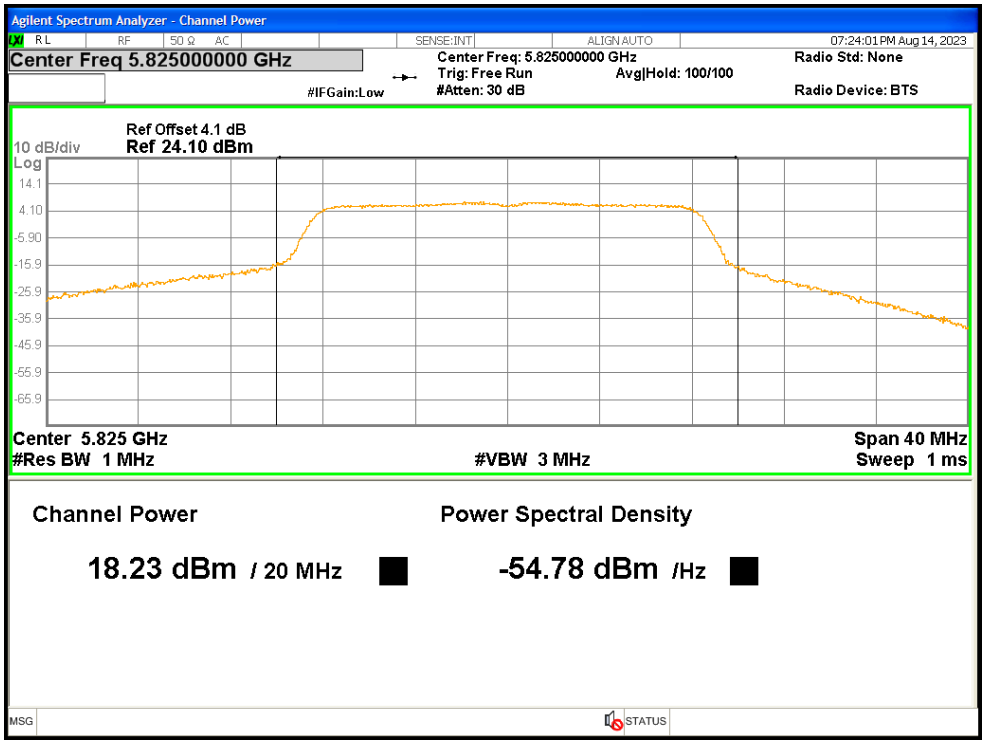
Power NVNT a 5745MHz Ant2



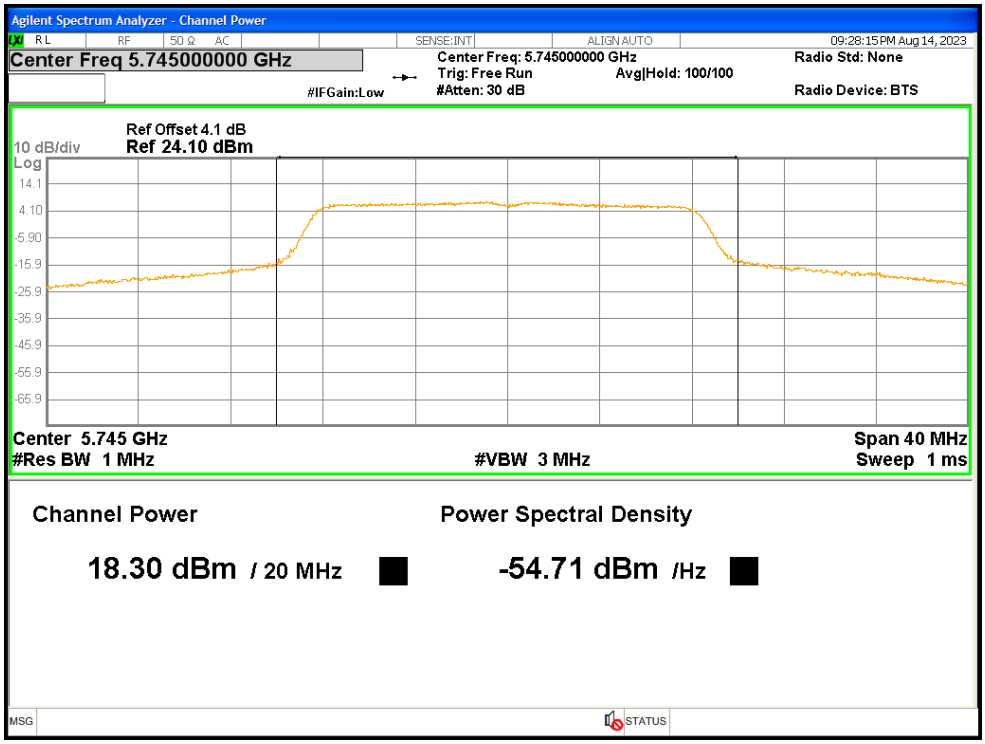
Power NVNT a 5785MHz Ant2



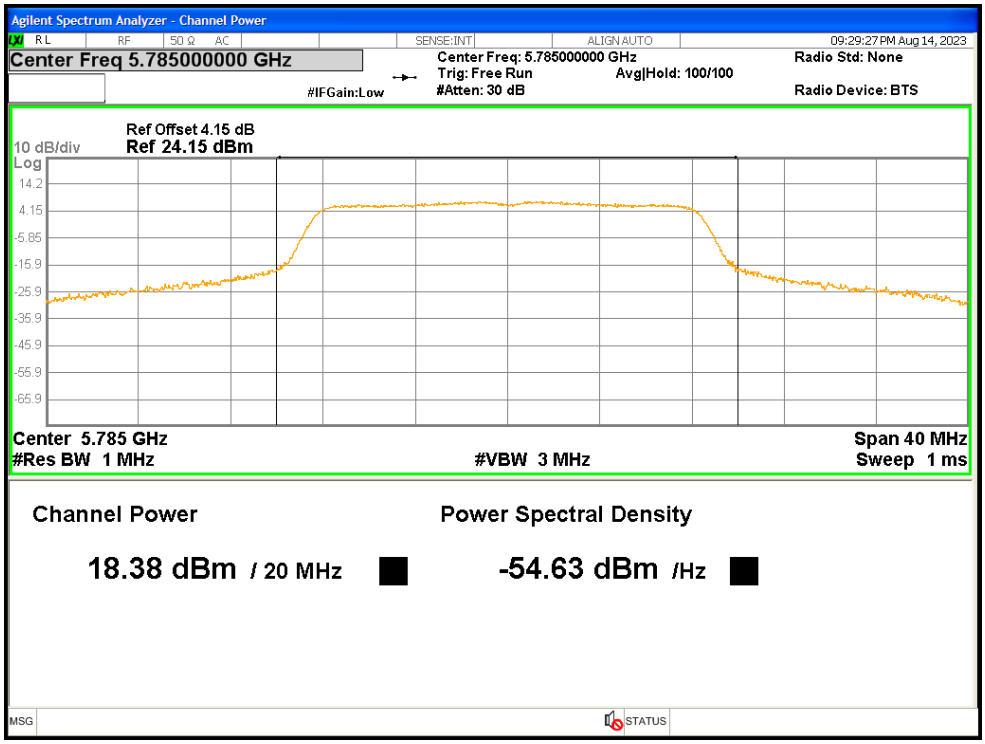
Power NVNT a 5825MHz Ant2



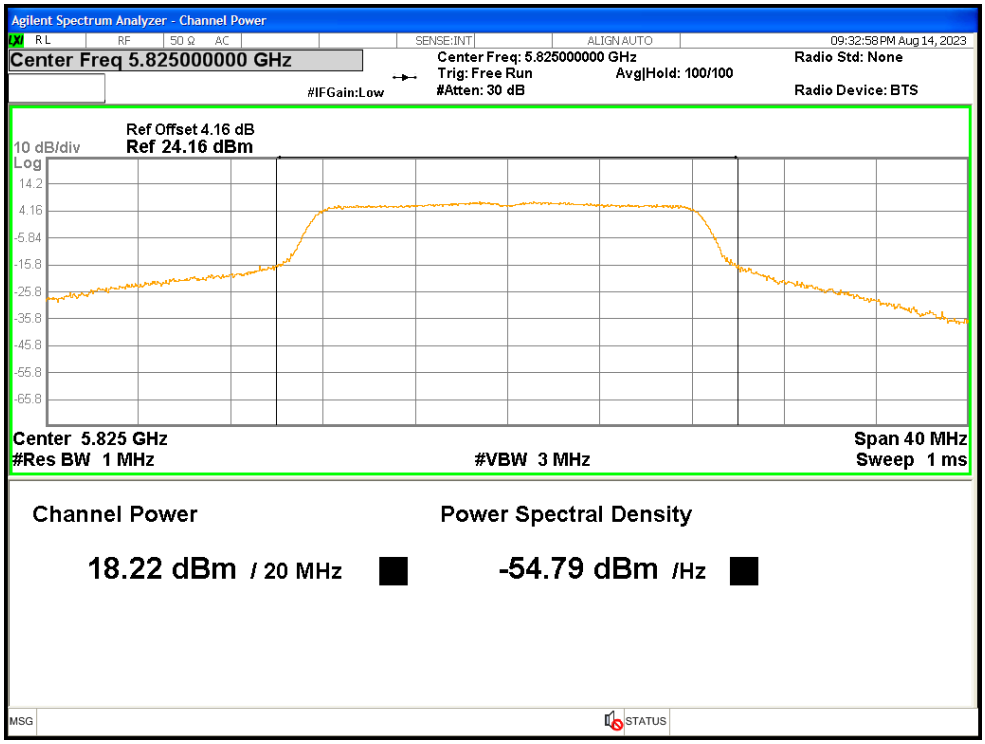
Power NVNT a 5745MHz Ant3



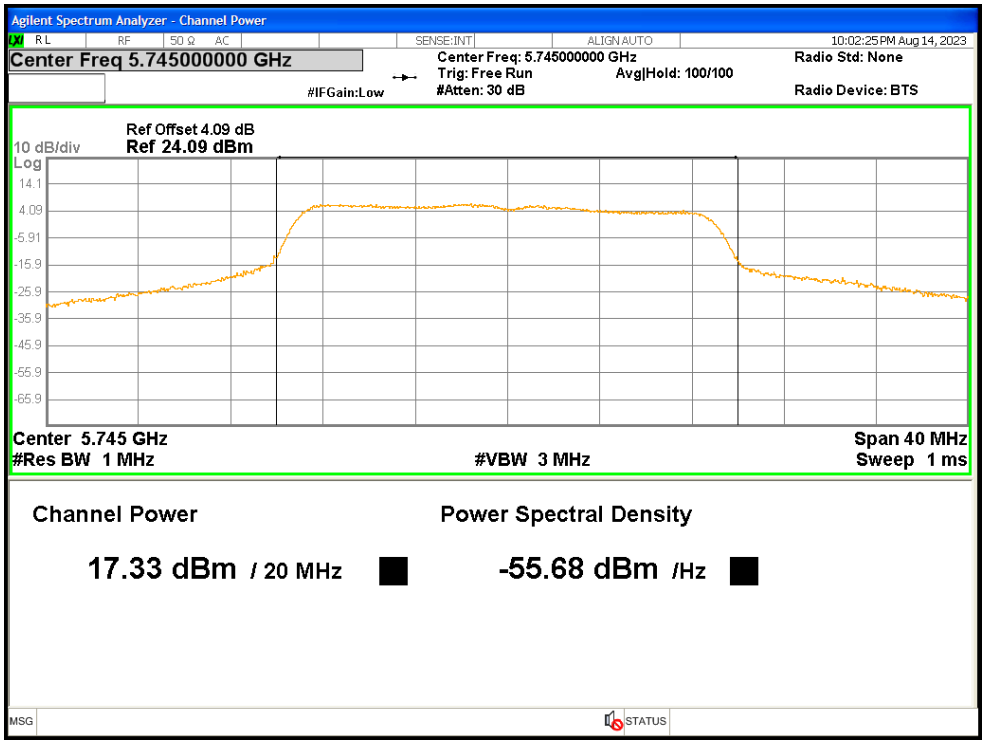
Power NVNT a 5785MHz Ant3



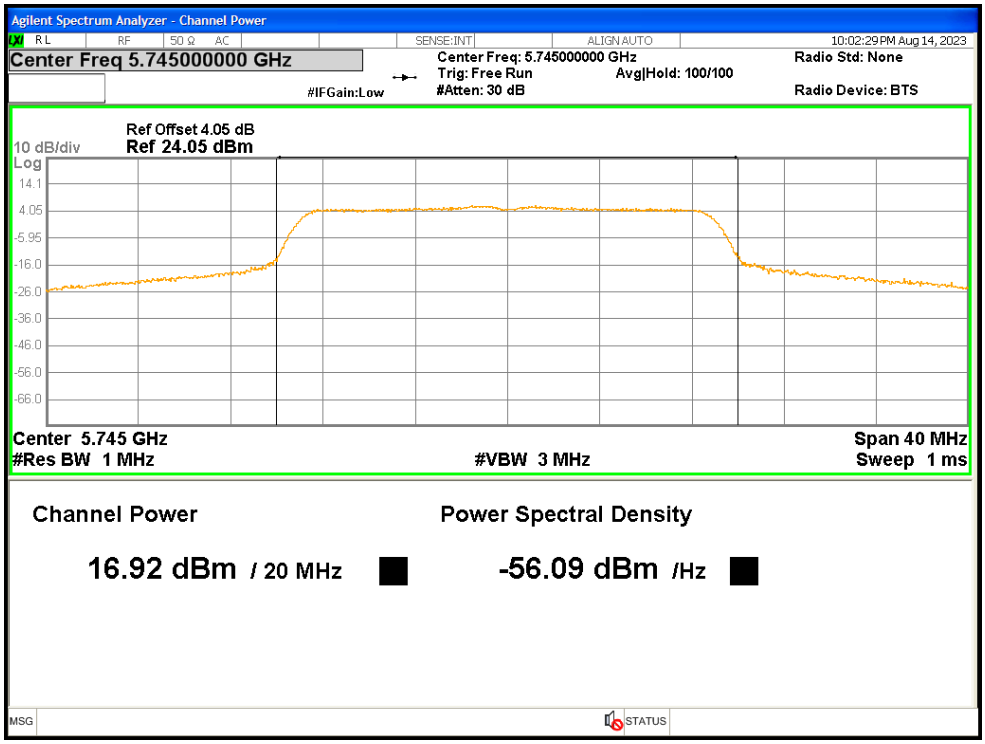
Power NVNT a 5825MHz Ant3



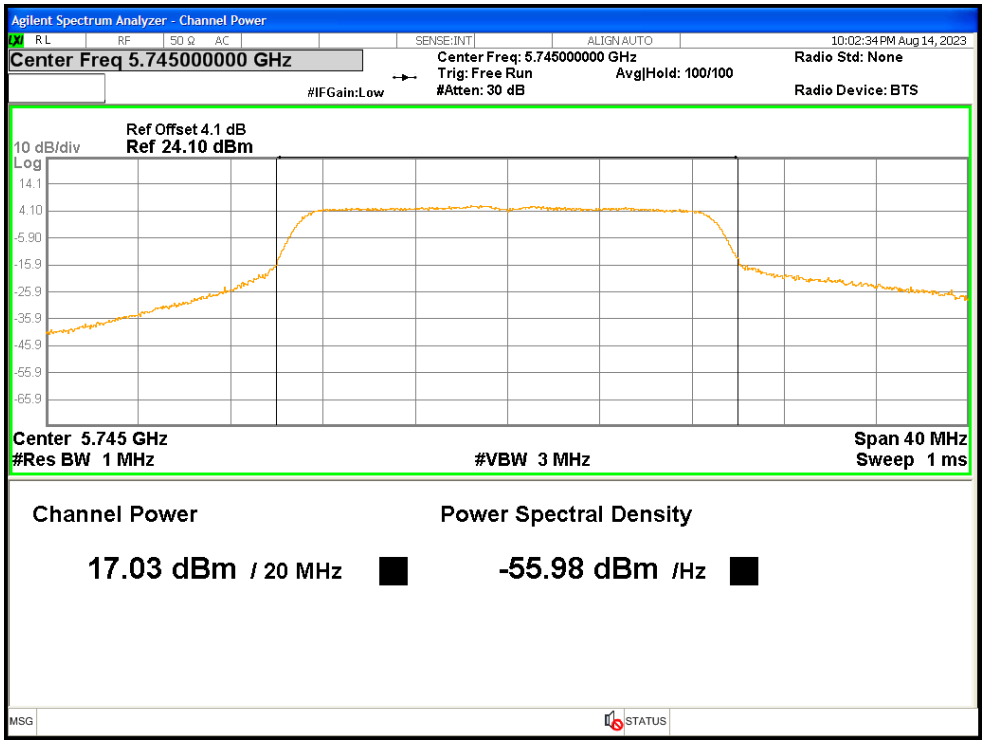
Power NVNT ac20 5745MHz Ant1



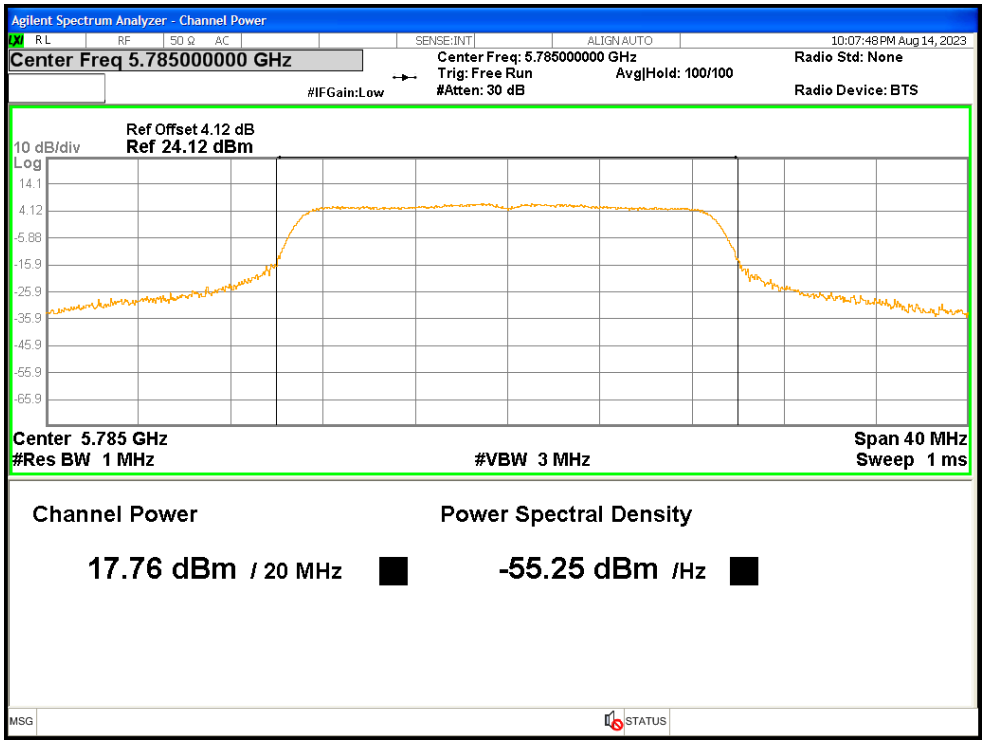
Power NVNT ac20 5745MHz Ant2



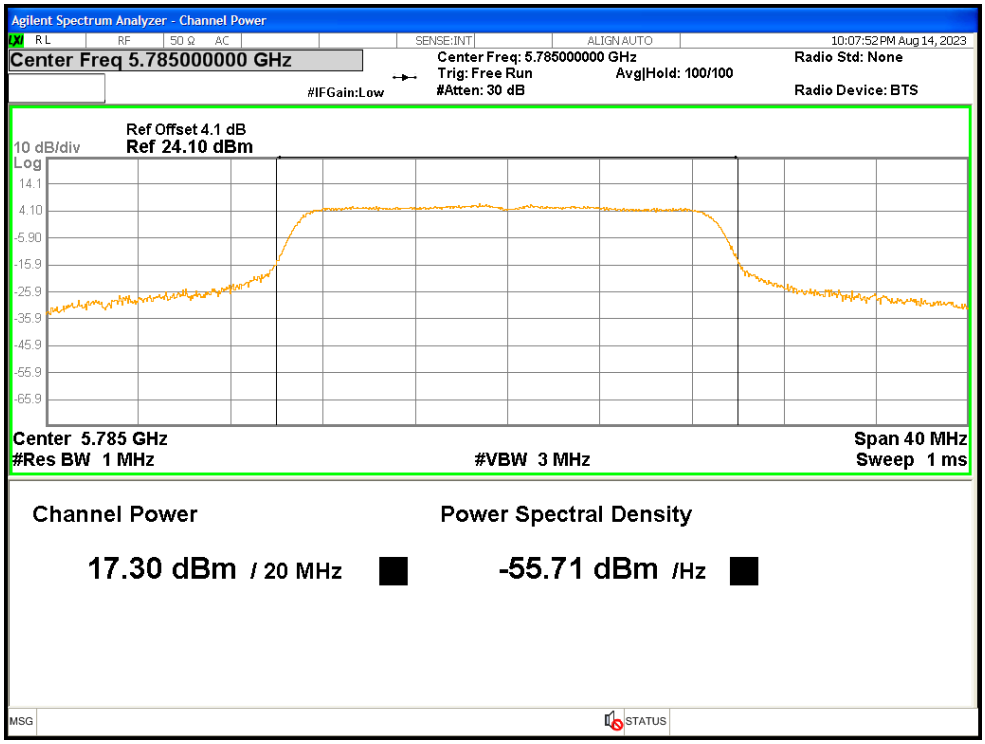
Power NVNT ac20 5745MHz Ant3



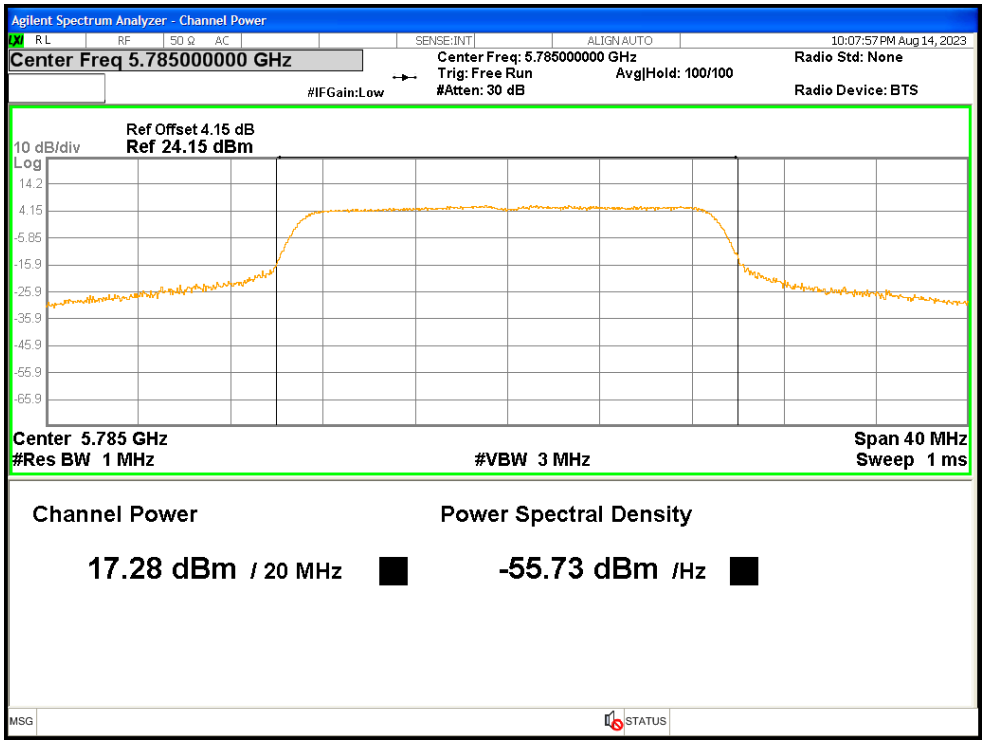
Power NVNT ac20 5785MHz Ant1



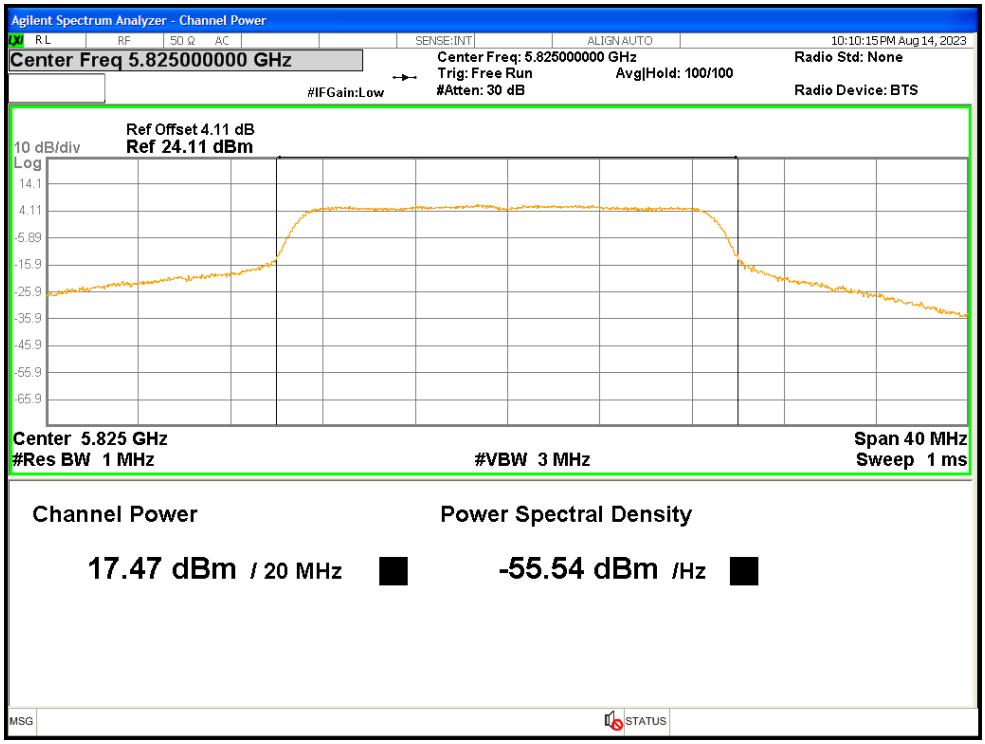
Power NVNT ac20 5785MHz Ant2



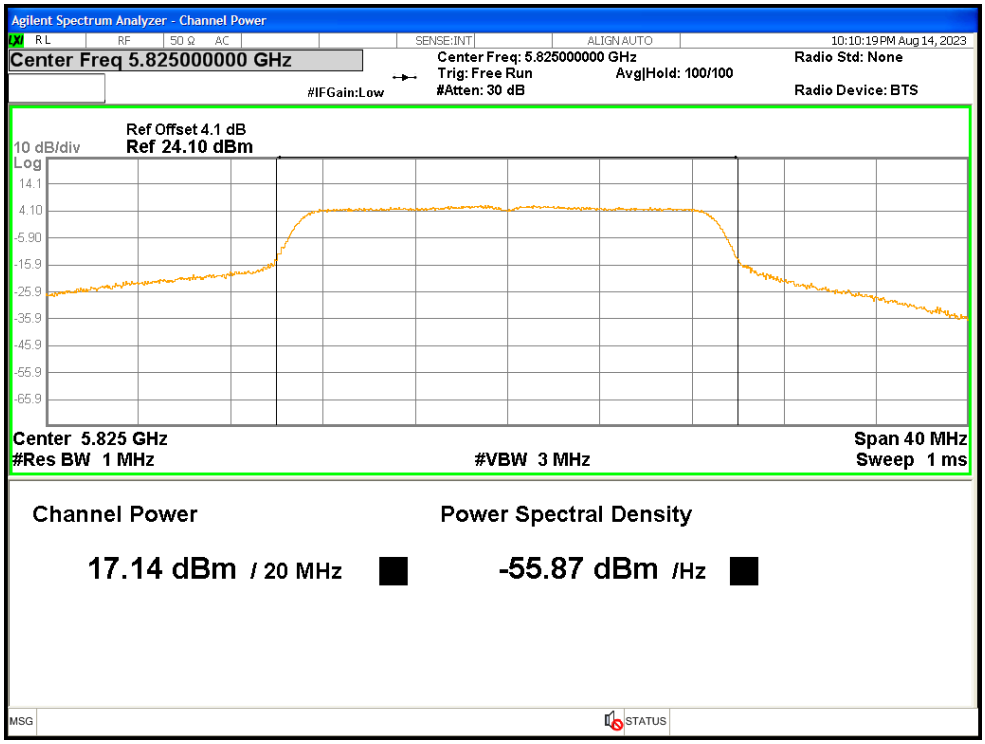
Power NVNT ac20 5785MHz Ant3



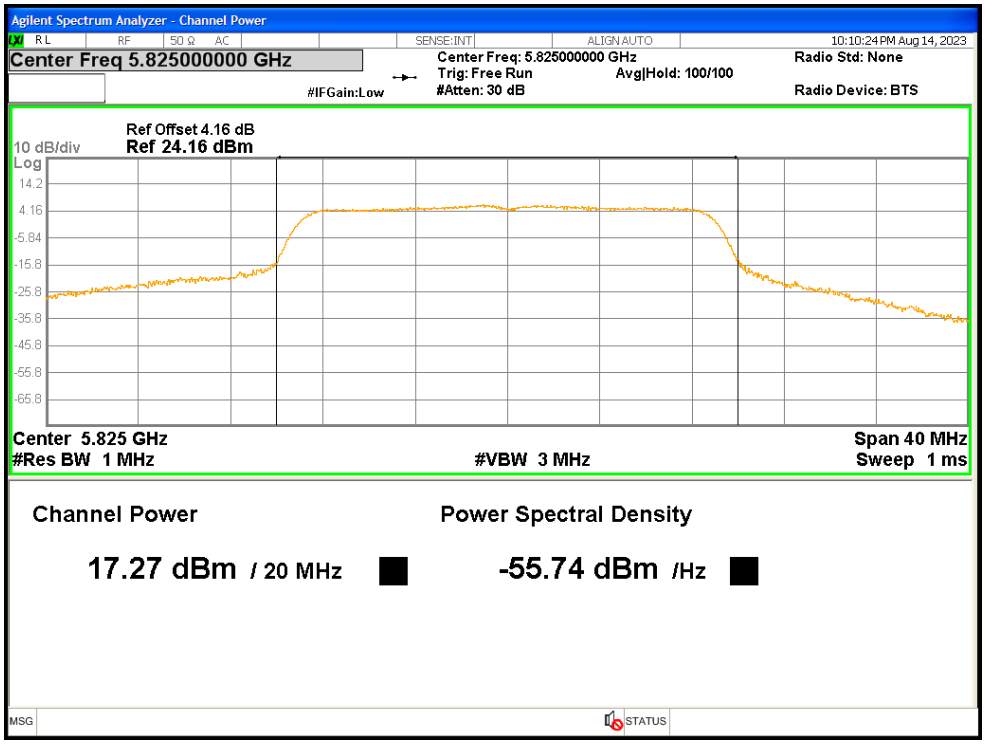
Power NVNT ac20 5825MHz Ant1



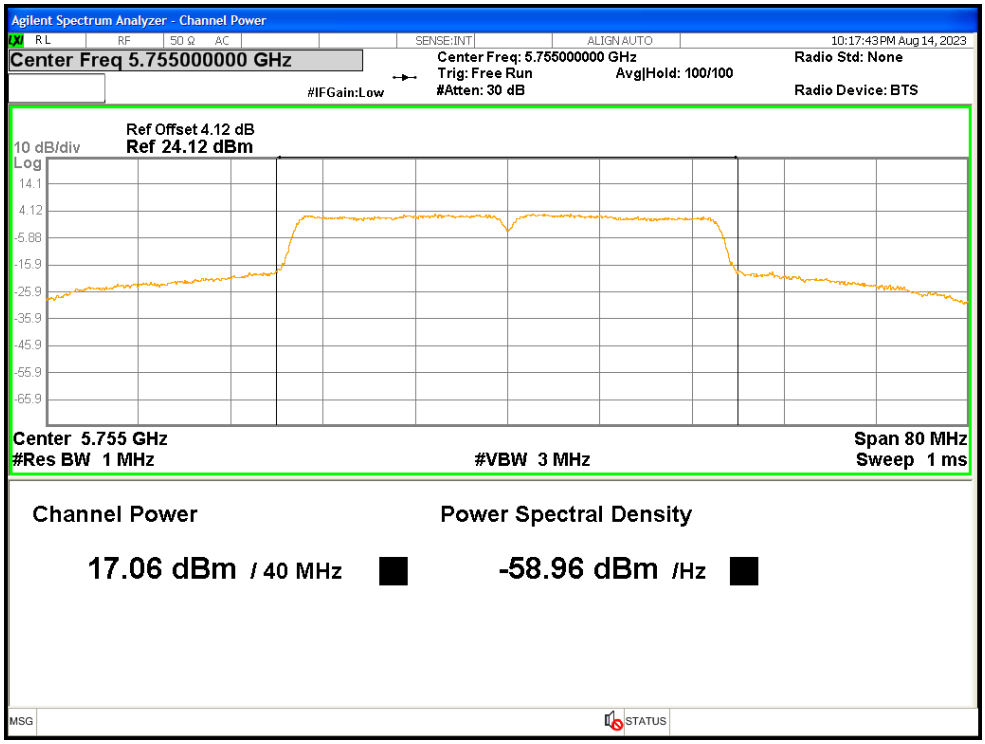
Power NVNT ac20 5825MHz Ant2



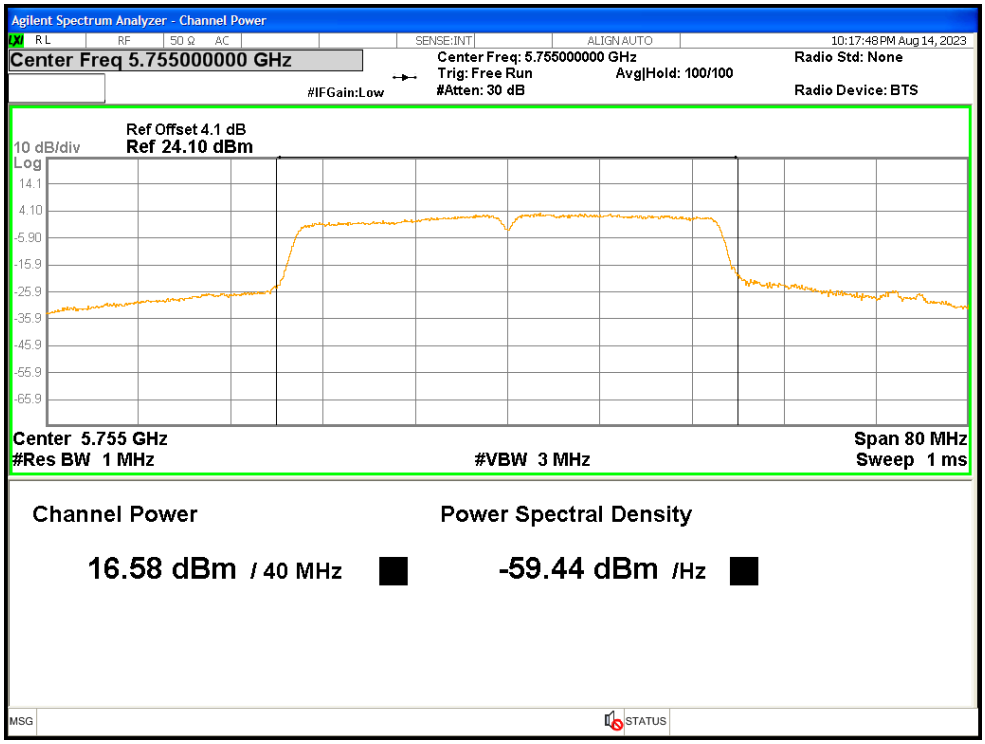
Power NVNT ac20 5825MHz Ant3



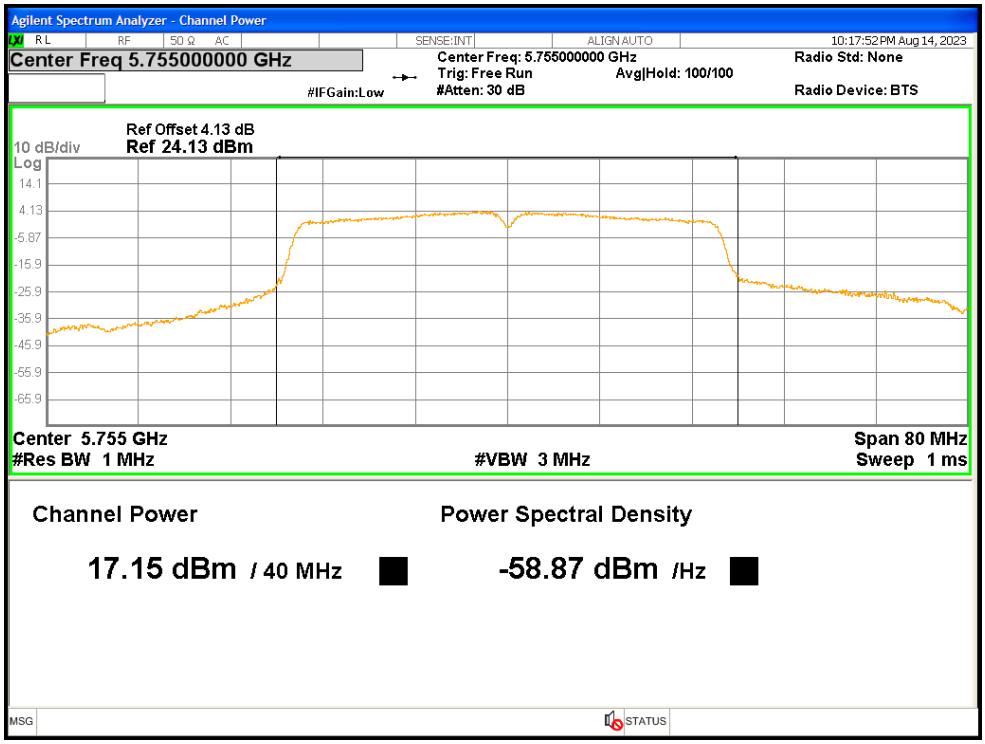
Power NVNT ac40 5755MHz Ant1



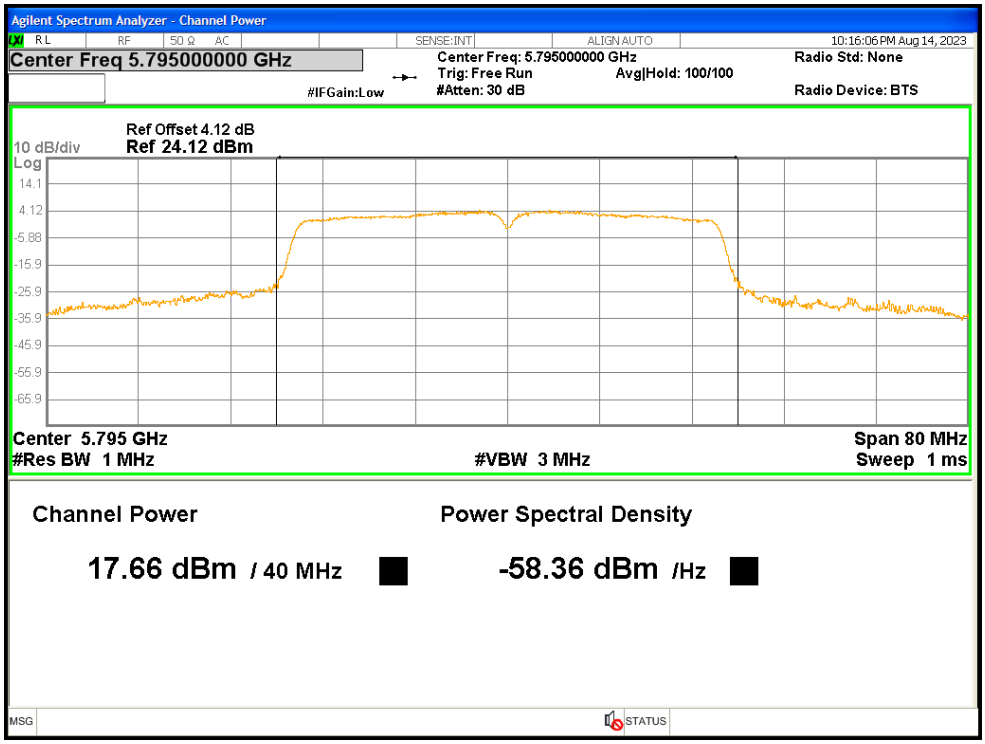
Power NVNT ac40 5755MHz Ant2



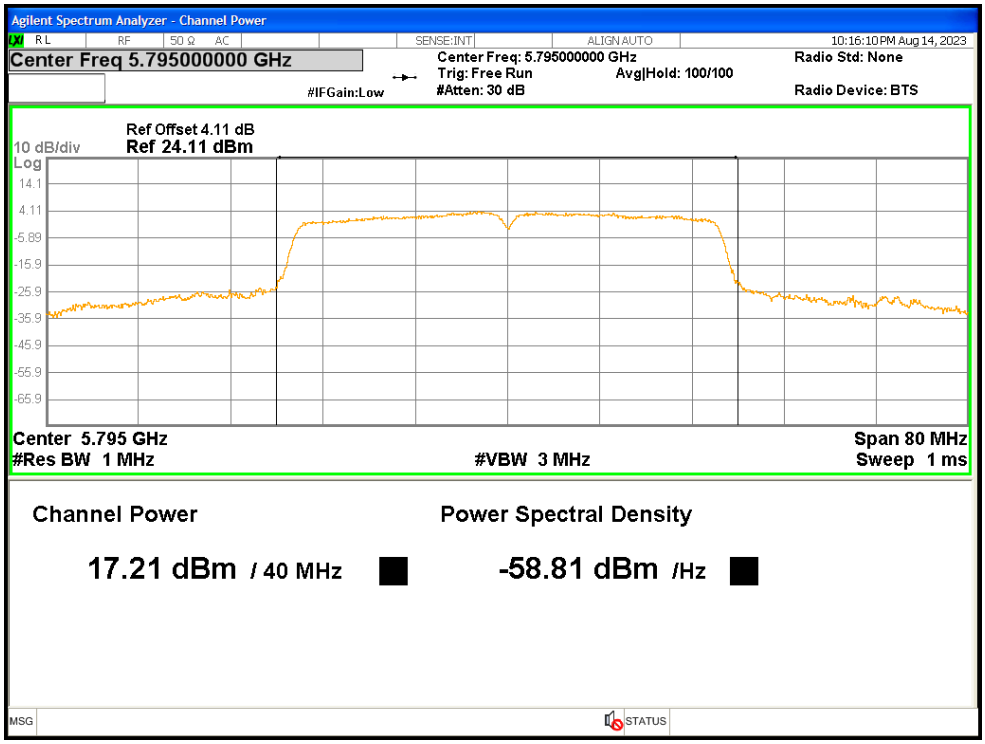
Power NVNT ac40 5755MHz Ant3



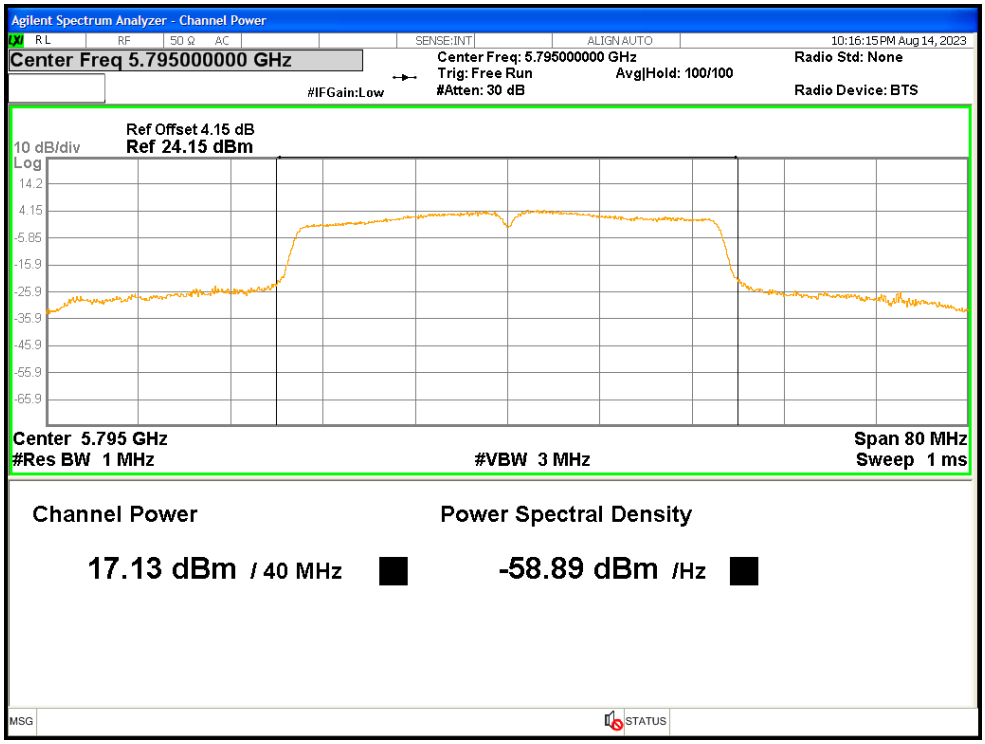
Power NVNT ac40 5795MHz Ant1



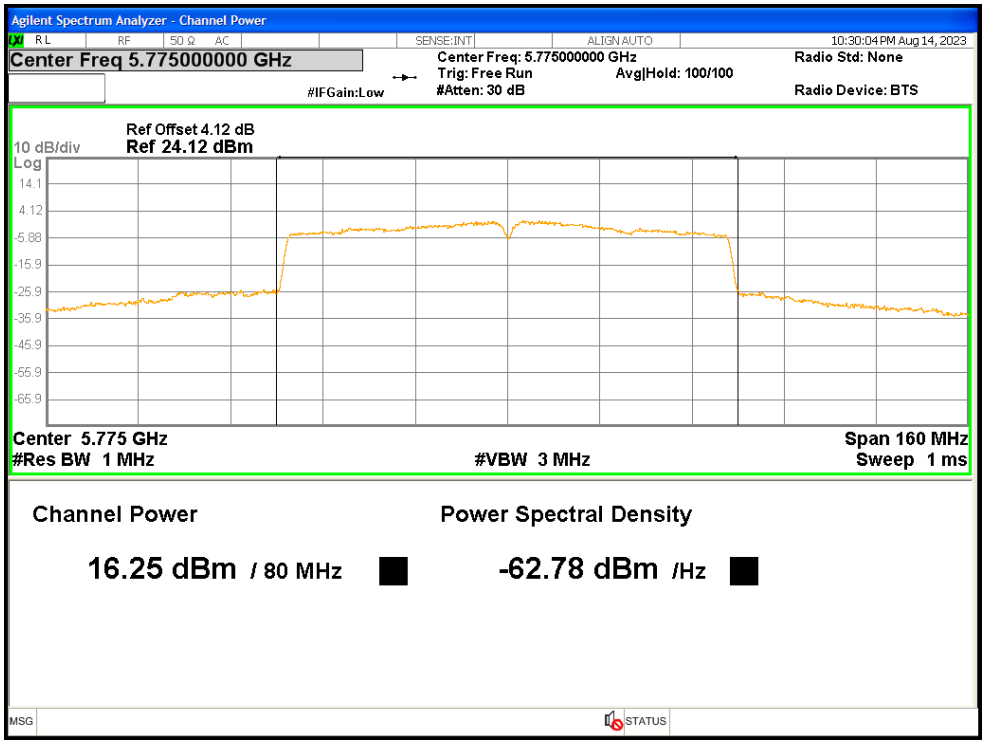
Power NVNT ac40 5795MHz Ant2



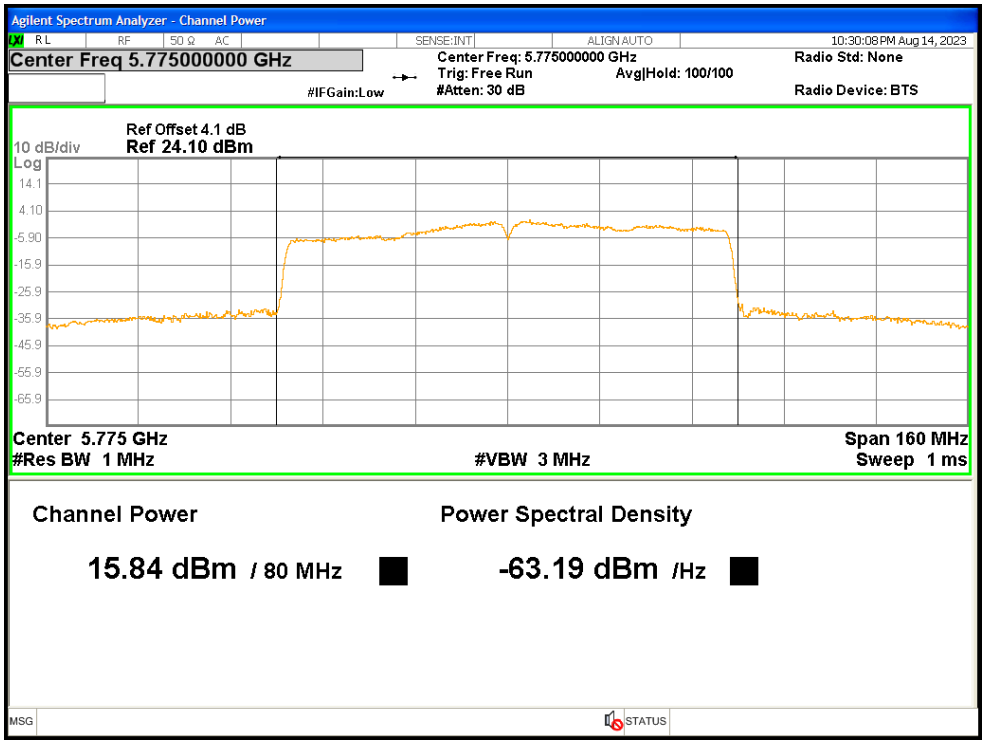
Power NVNT ac40 5795MHz Ant3



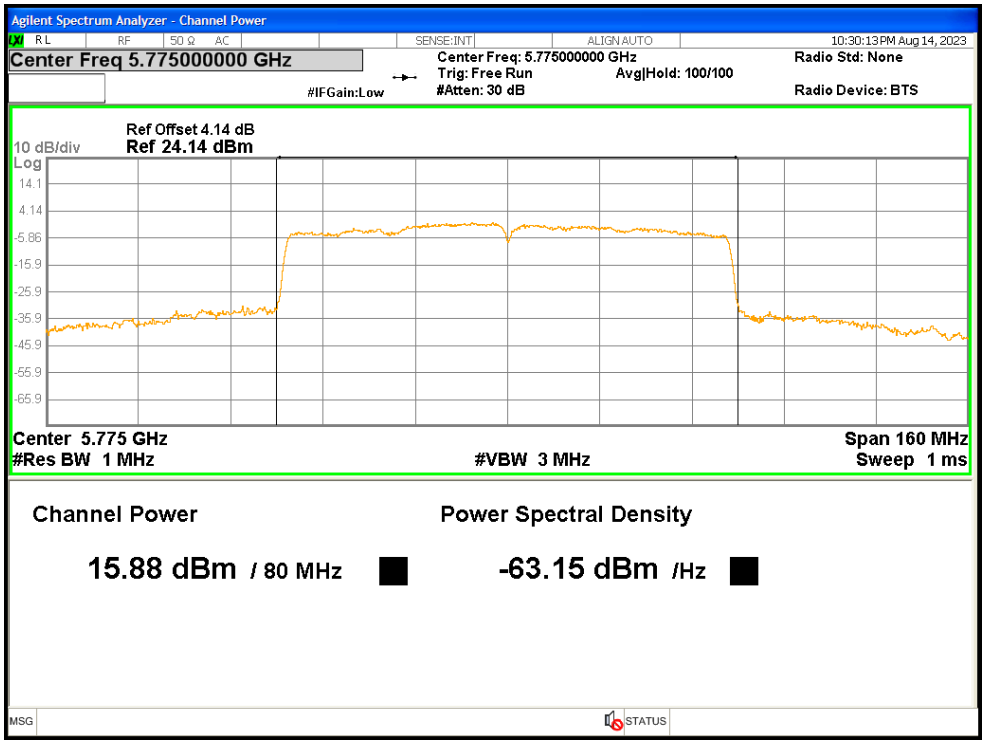
Power NVNT ac80 5775MHz Ant1



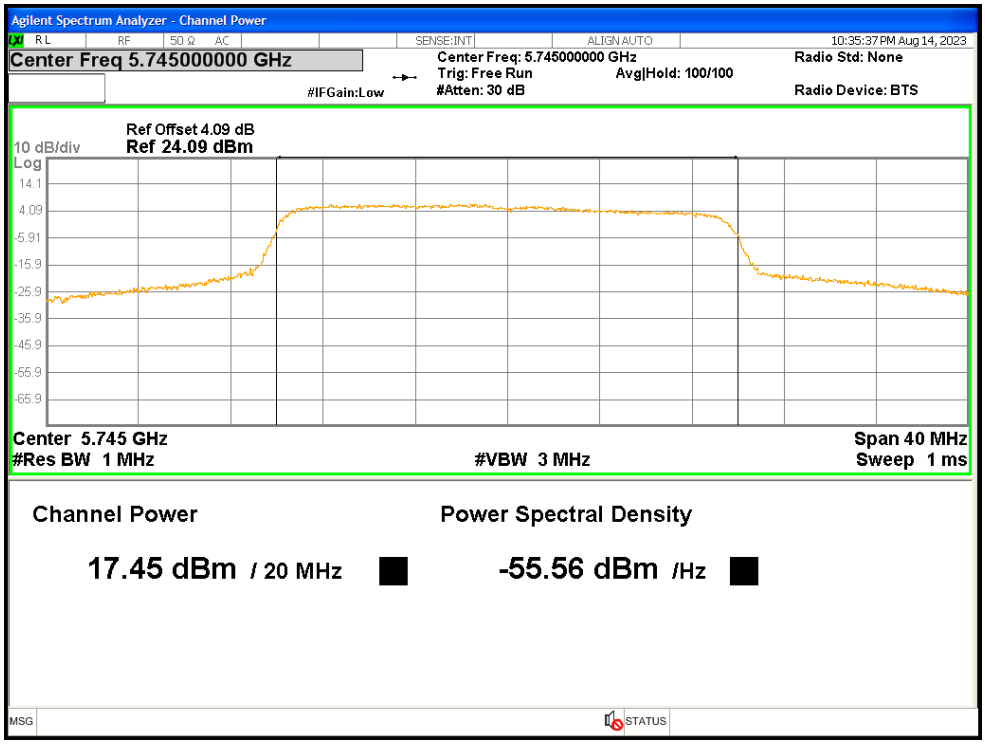
Power NVNT ac80 5775MHz Ant2



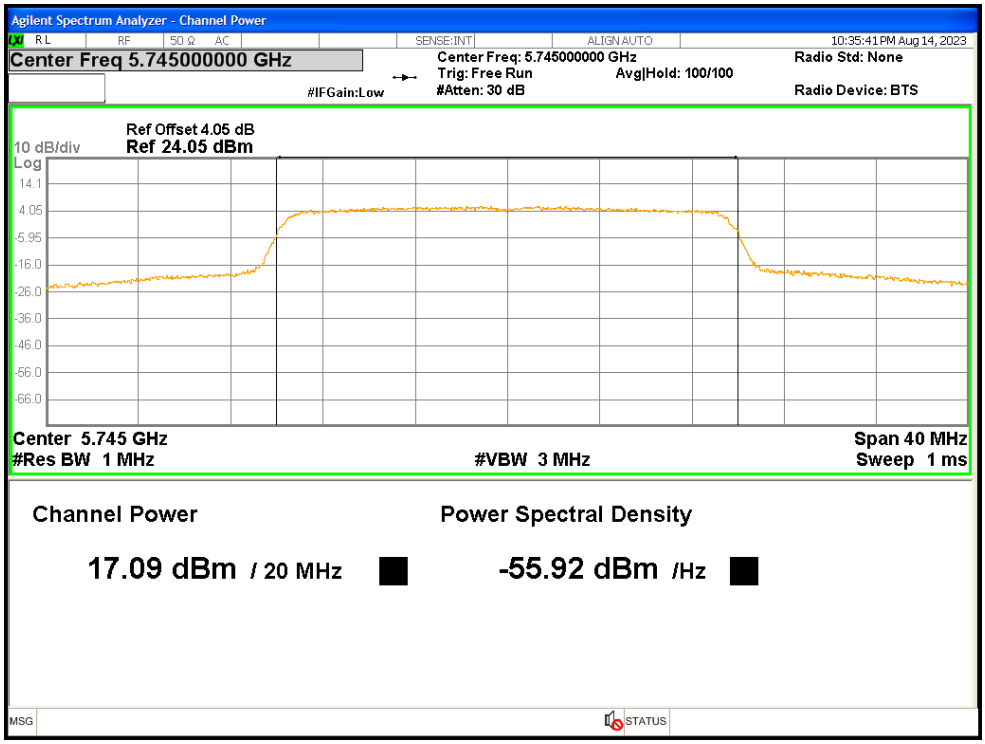
Power NVNT ac80 5775MHz Ant3



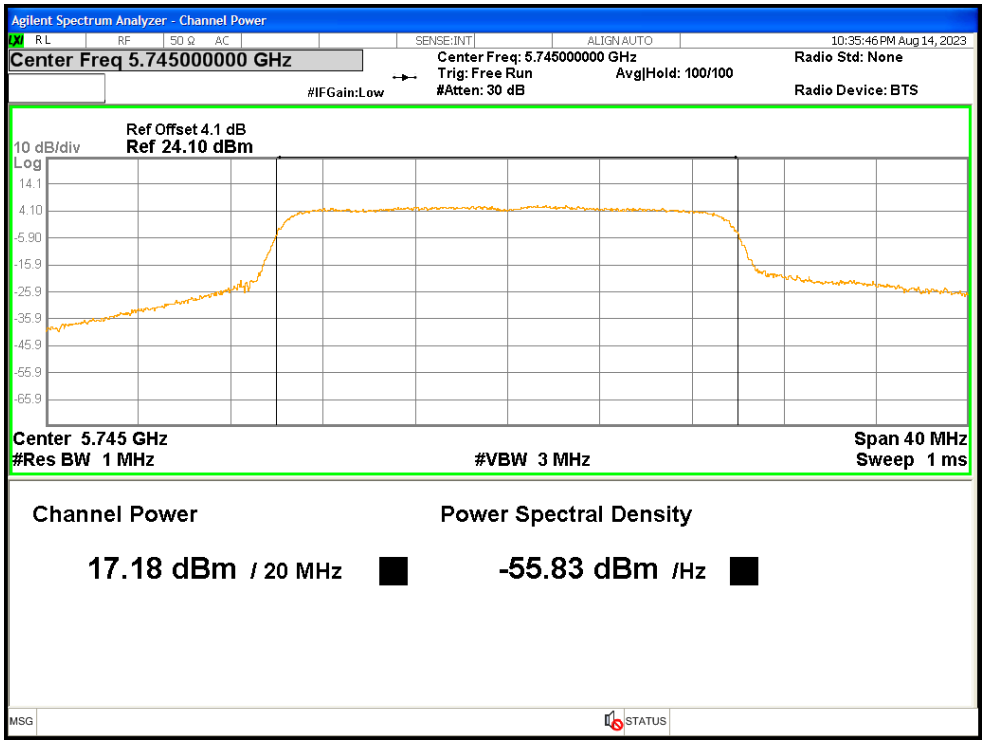
Power NVNT ax20 5745MHz Ant1



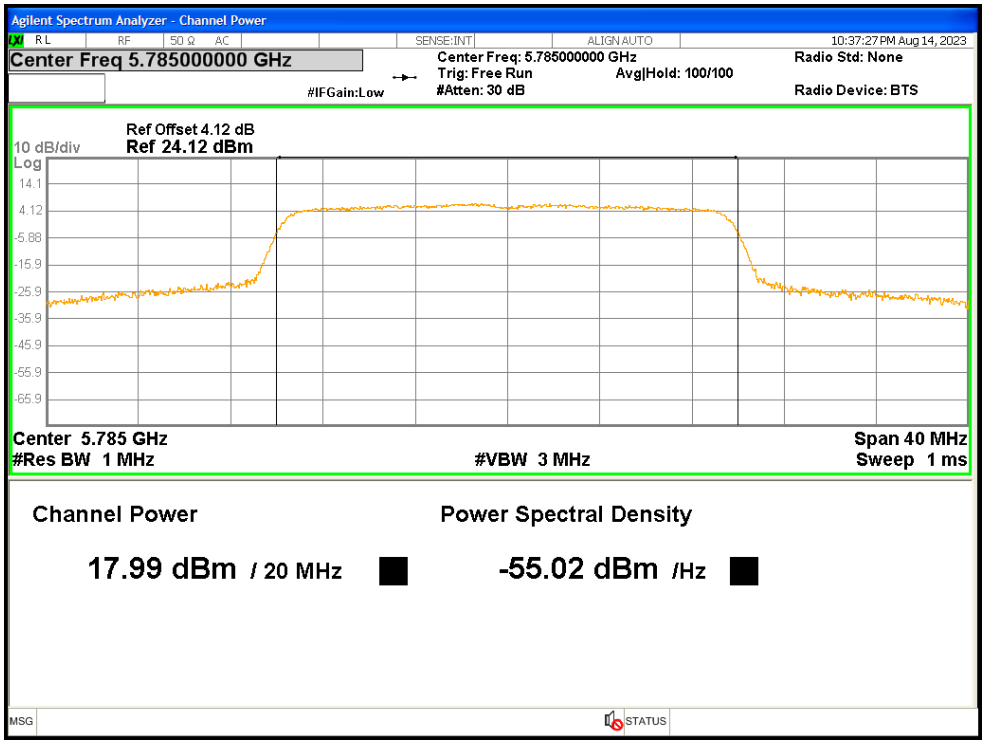
Power NVNT ax20 5745MHz Ant2



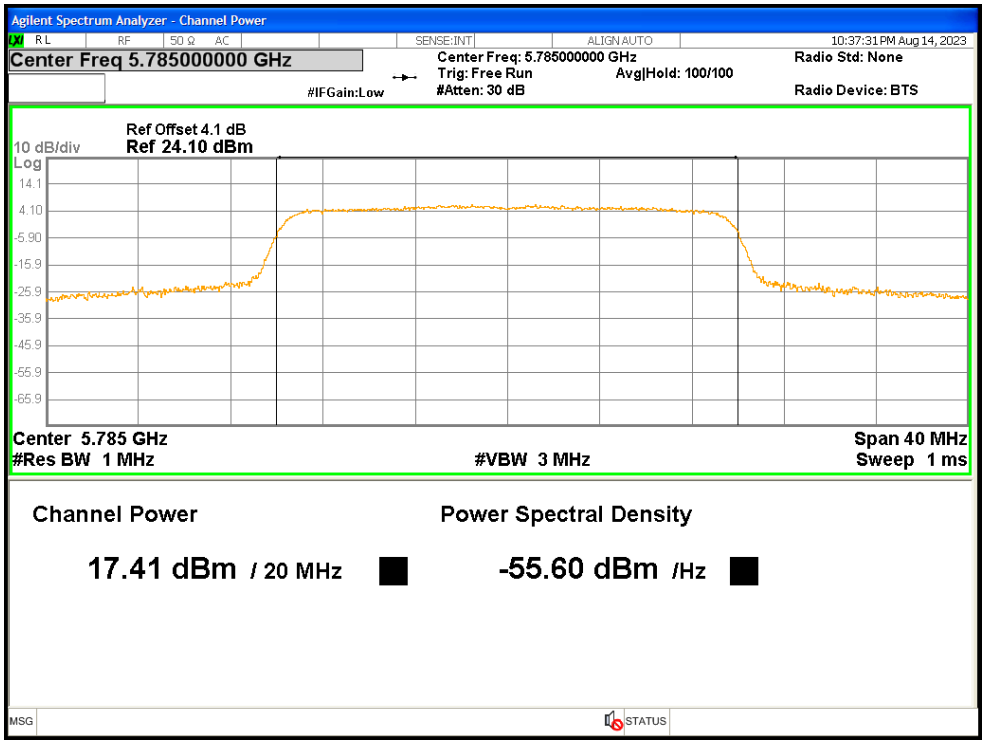
Power NVNT ax20 5745MHz Ant3



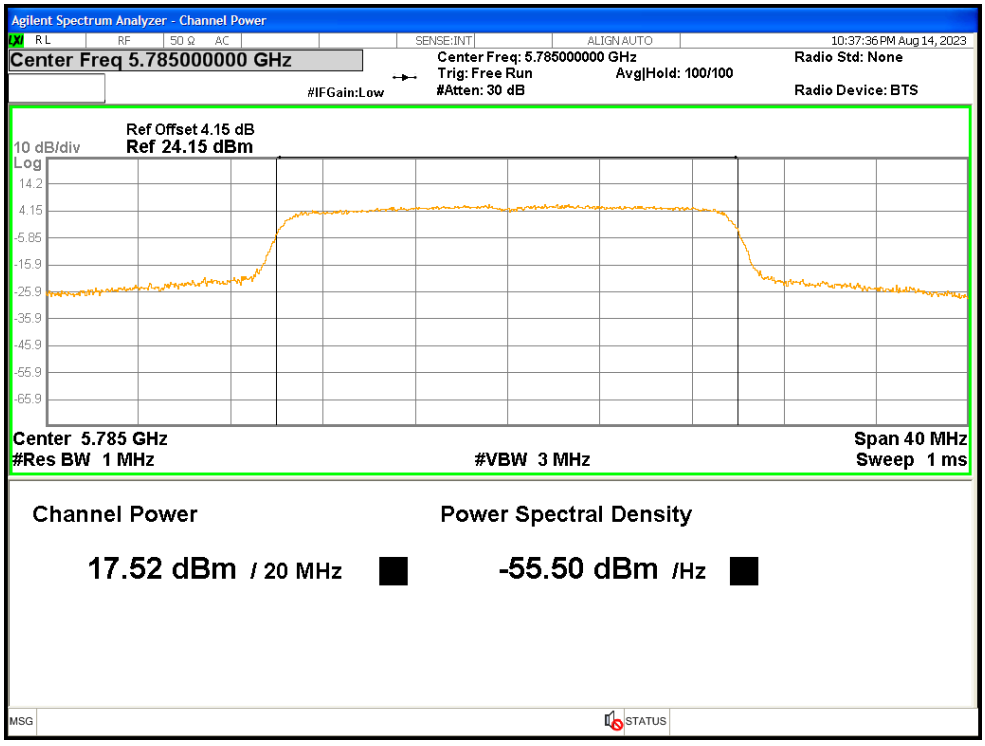
Power NVNT ax20 5785MHz Ant1



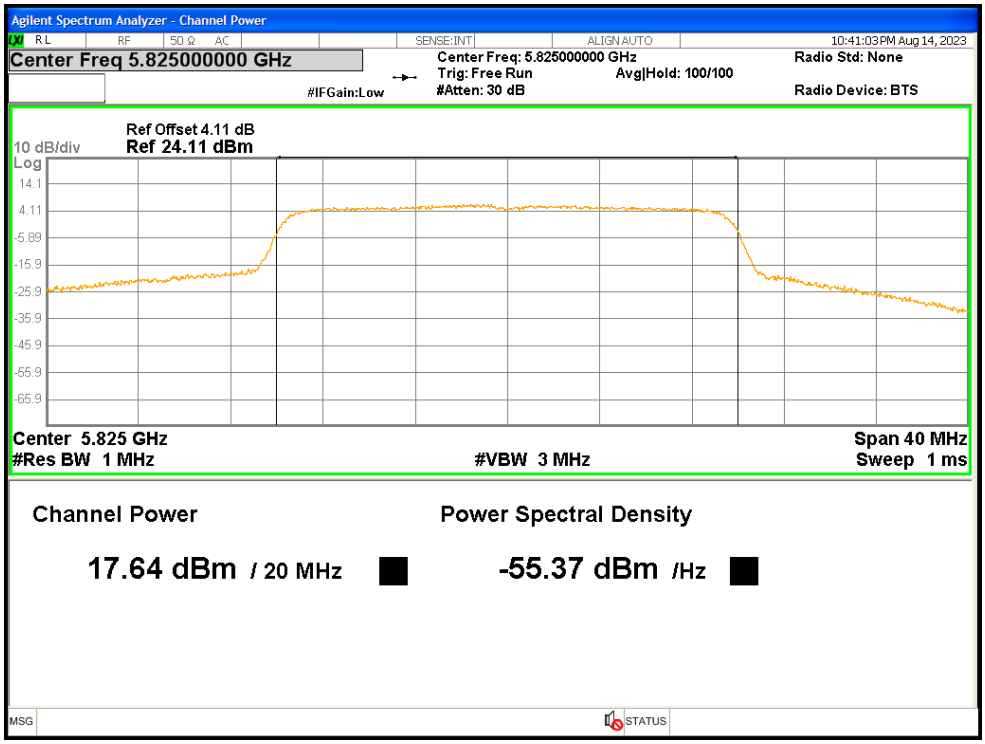
Power NVNT ax20 5785MHz Ant2



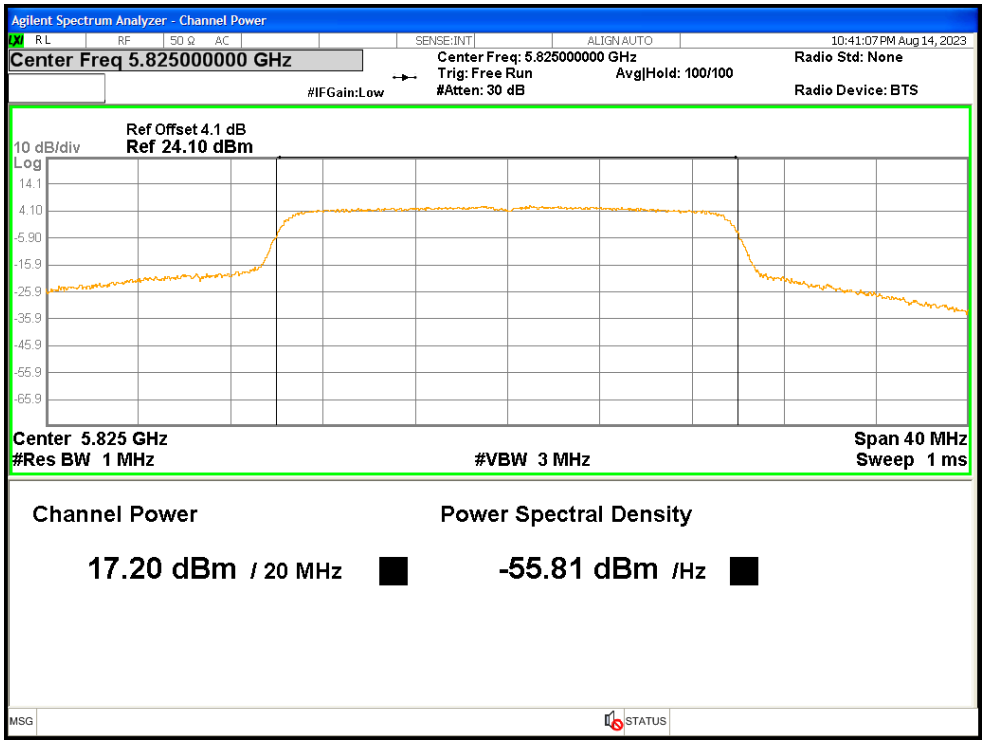
Power NVNT ax20 5785MHz Ant3



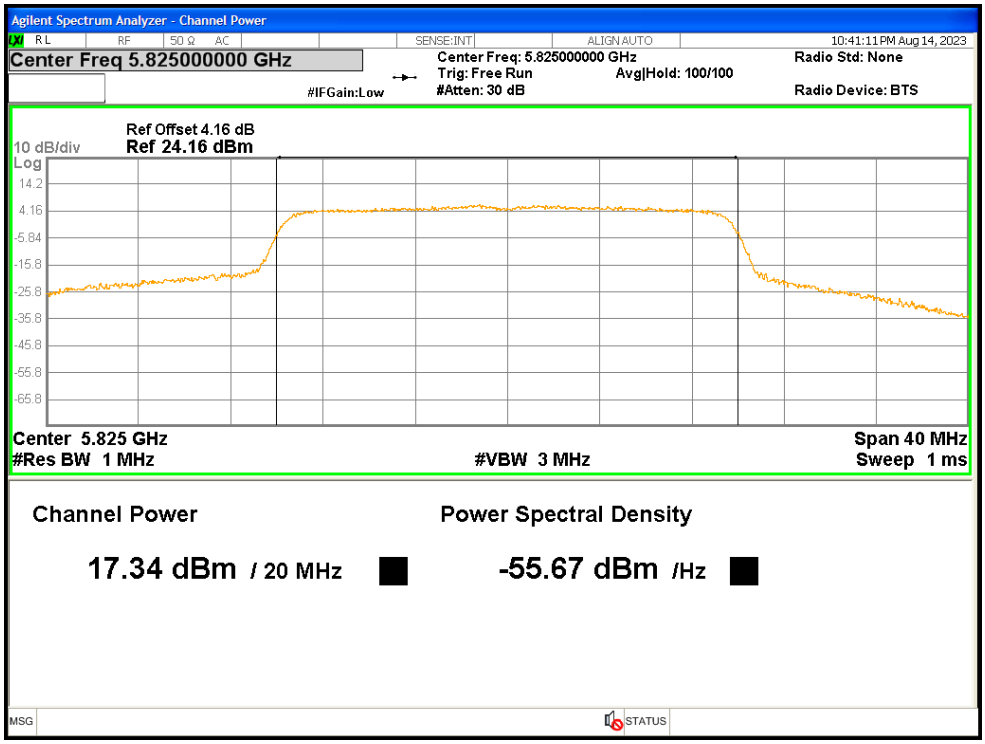
Power NVNT ax20 5825MHz Ant1



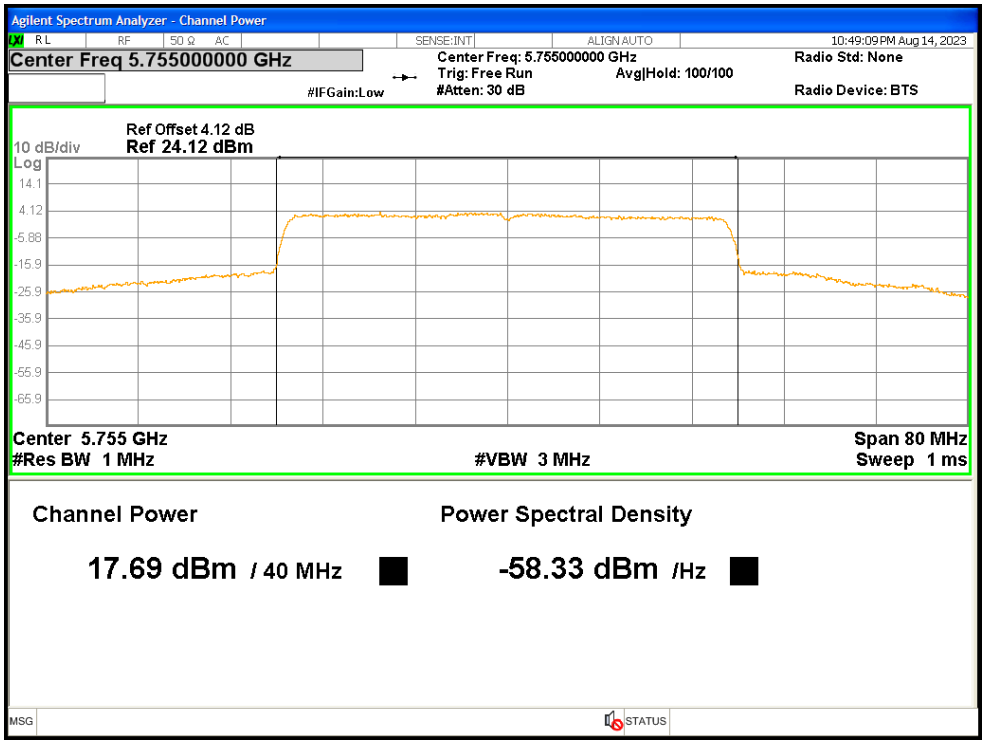
Power NVNT ax20 5825MHz Ant2



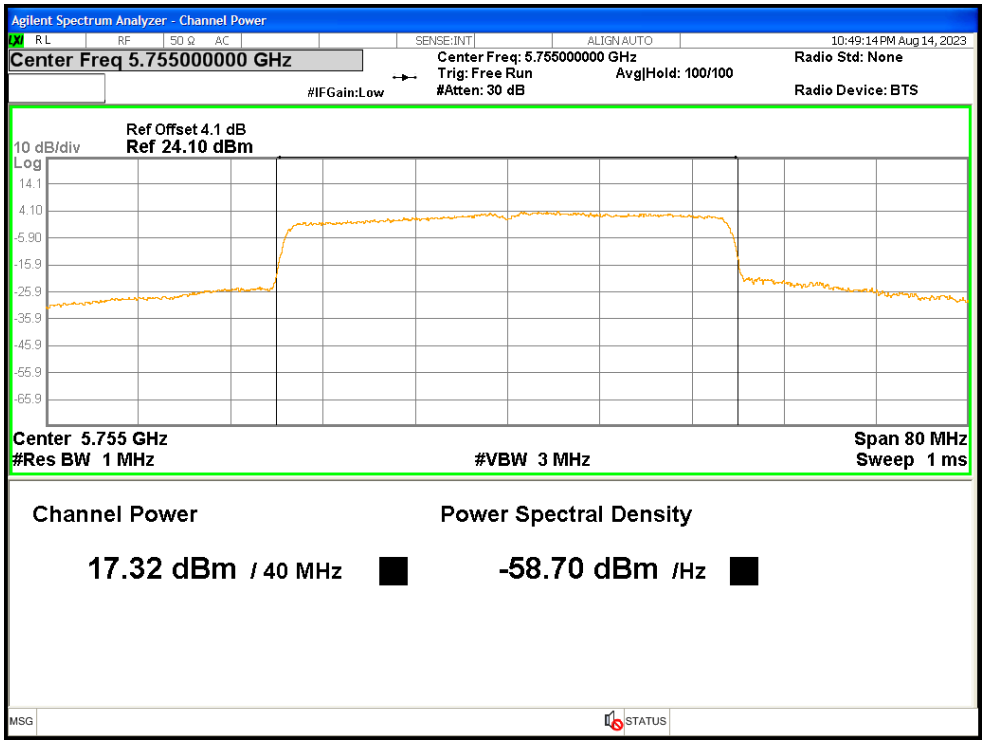
Power NVNT ax20 5825MHz Ant3



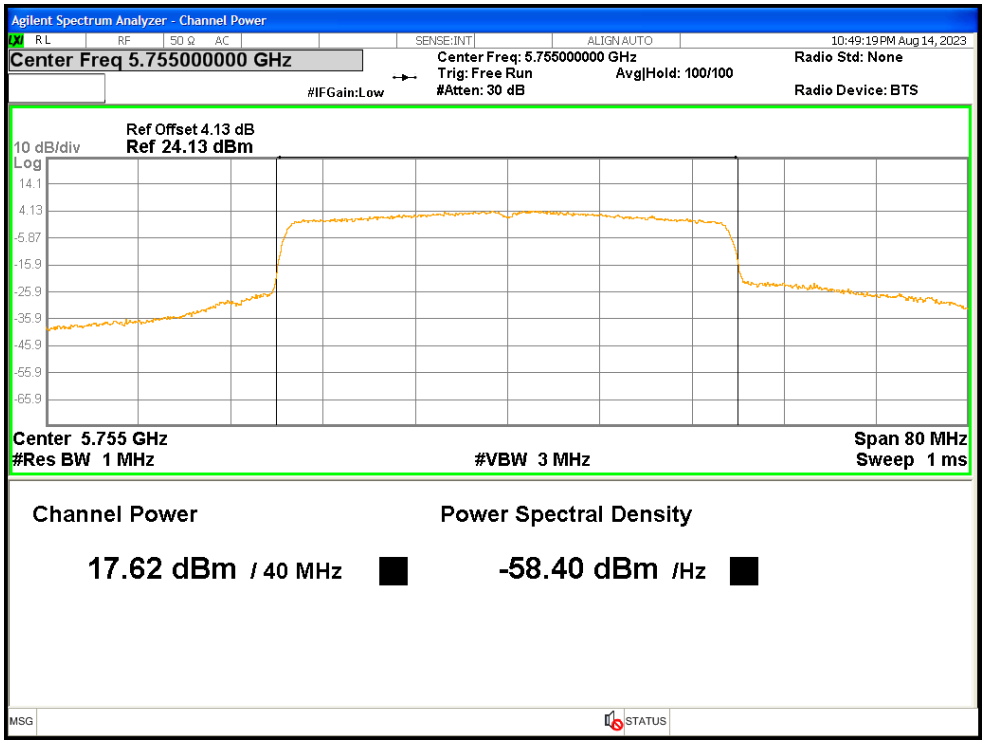
Power NVNT ax40 5755MHz Ant1



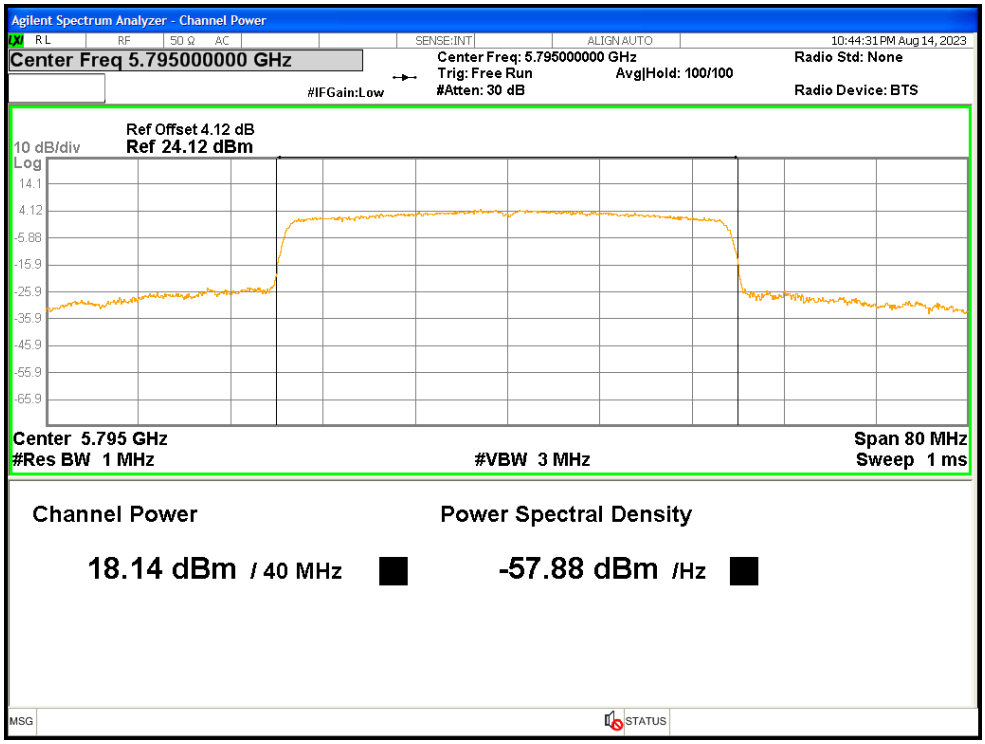
Power NVNT ax40 5755MHz Ant2



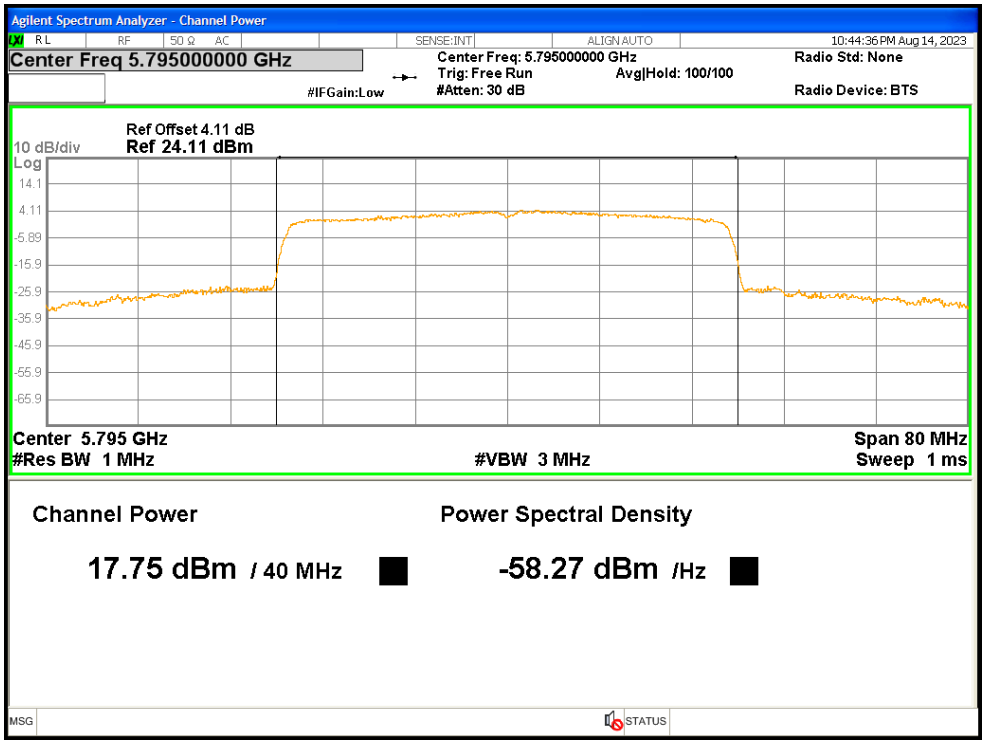
Power NVNT ax40 5755MHz Ant3



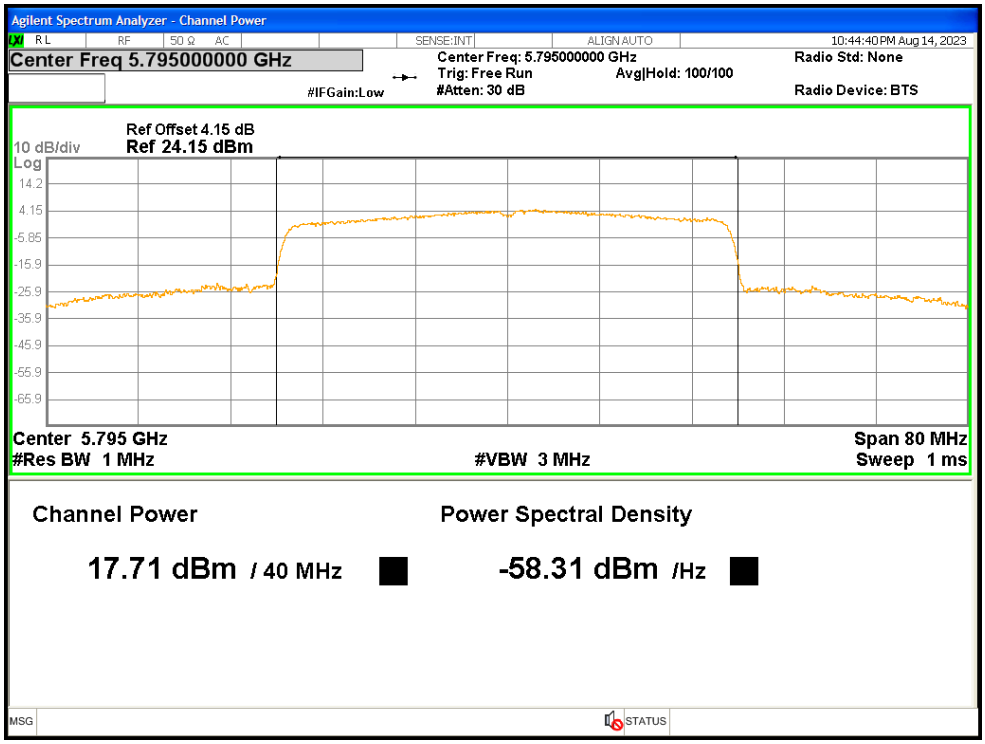
Power NVNT ax40 5795MHz Ant1



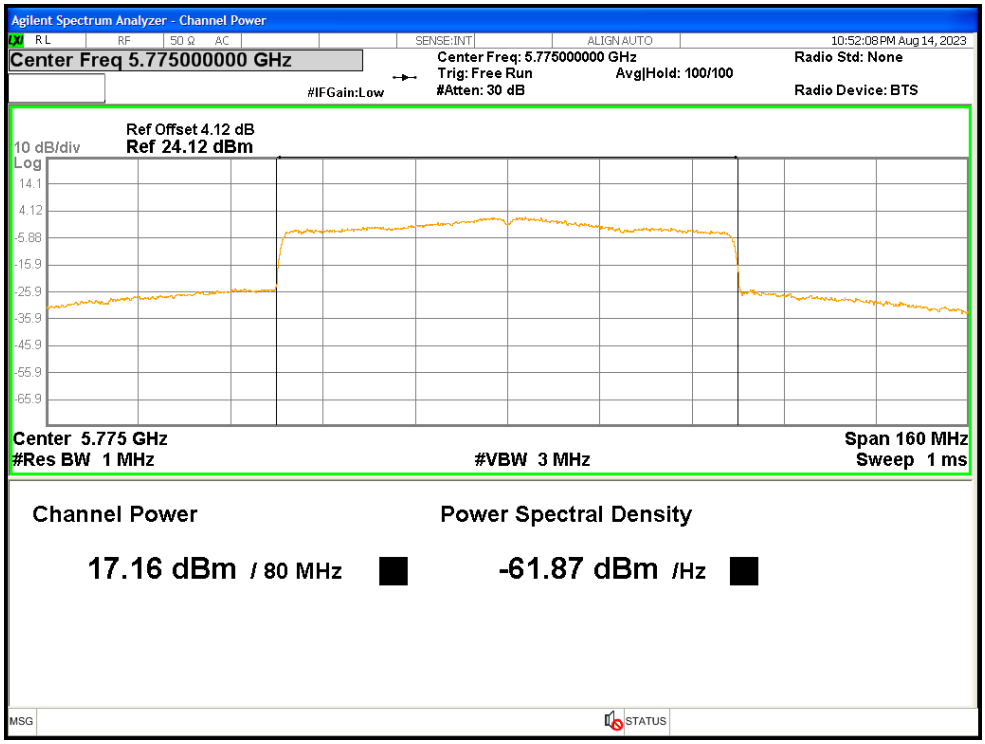
Power NVNT ax40 5795MHz Ant2



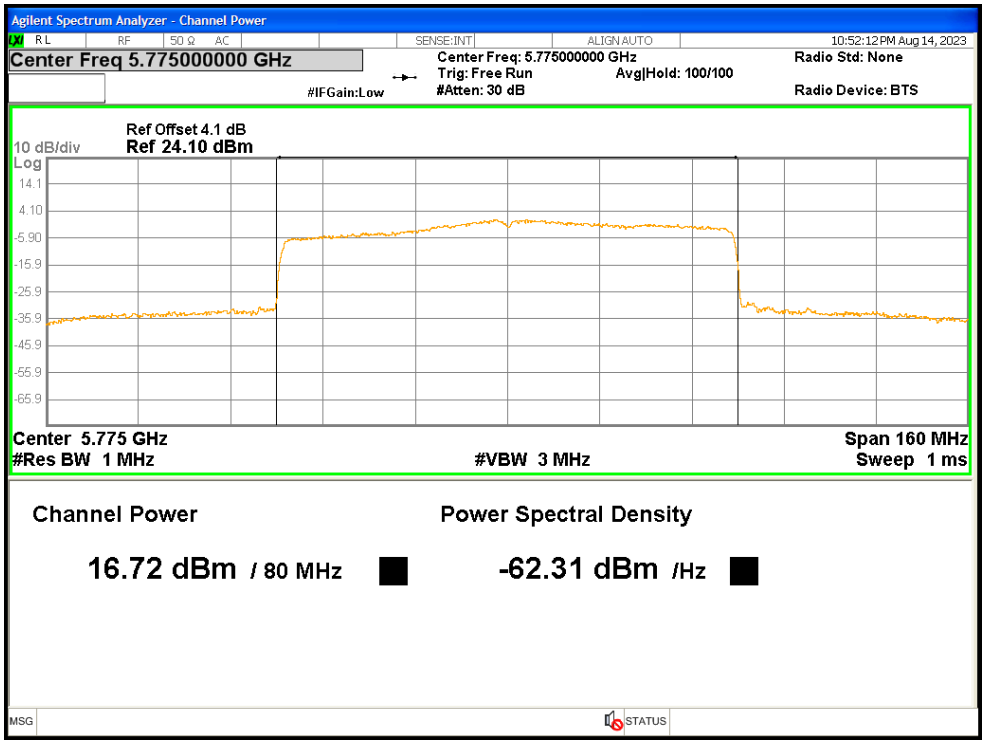
Power NVNT ax40 5795MHz Ant3



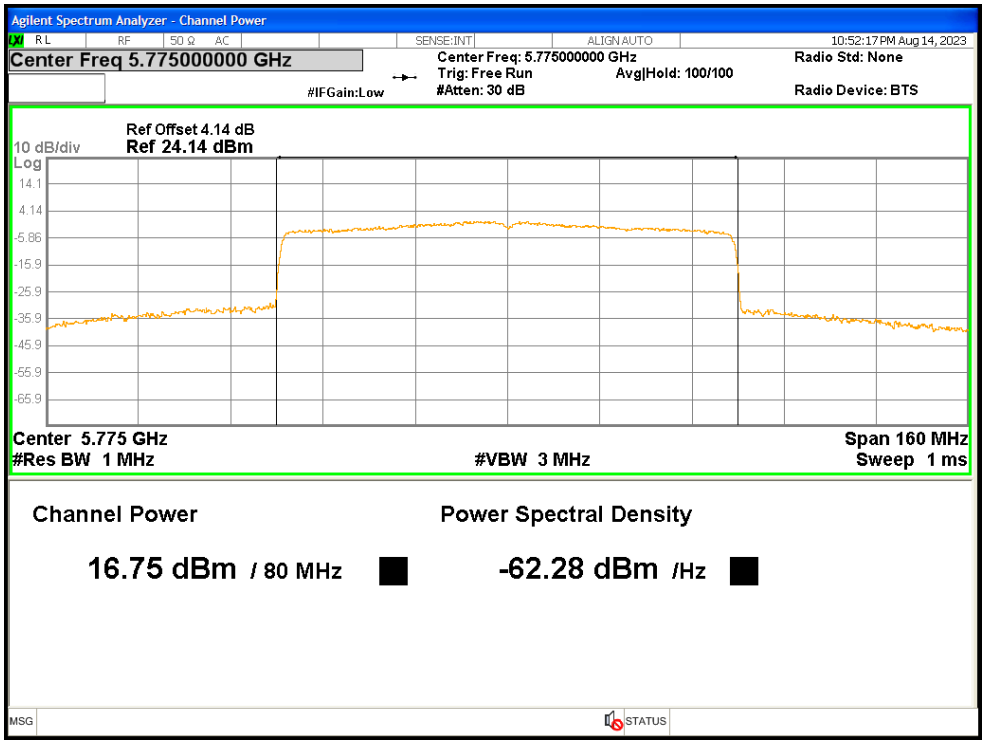
Power NVNT ax80 5775MHz Ant1



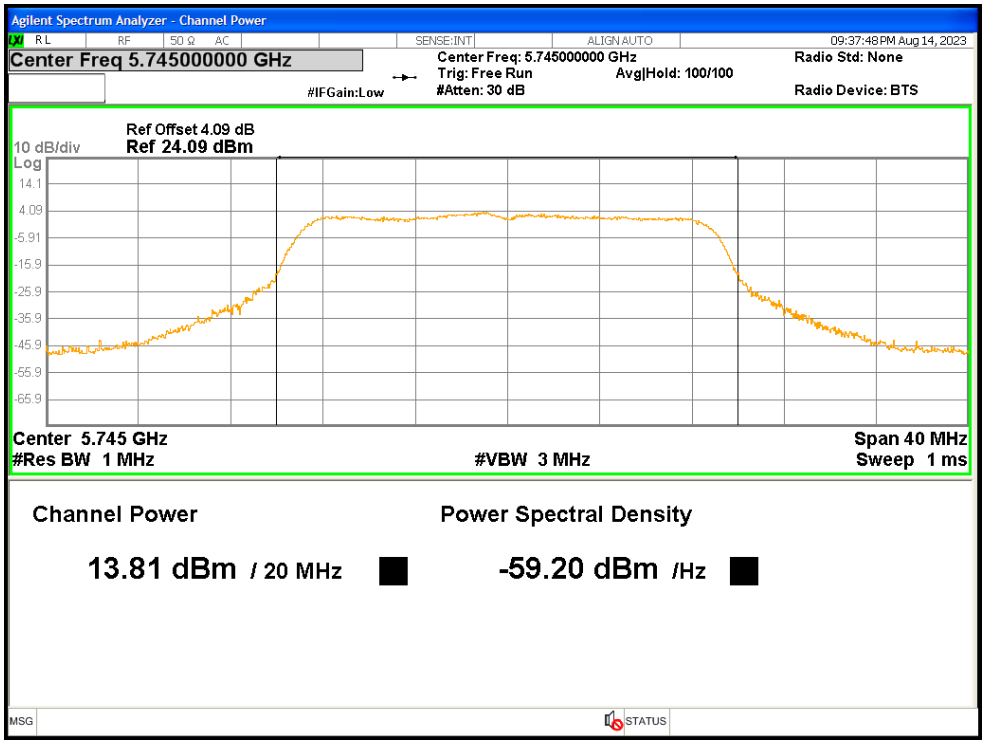
Power NVNT ax80 5775MHz Ant2



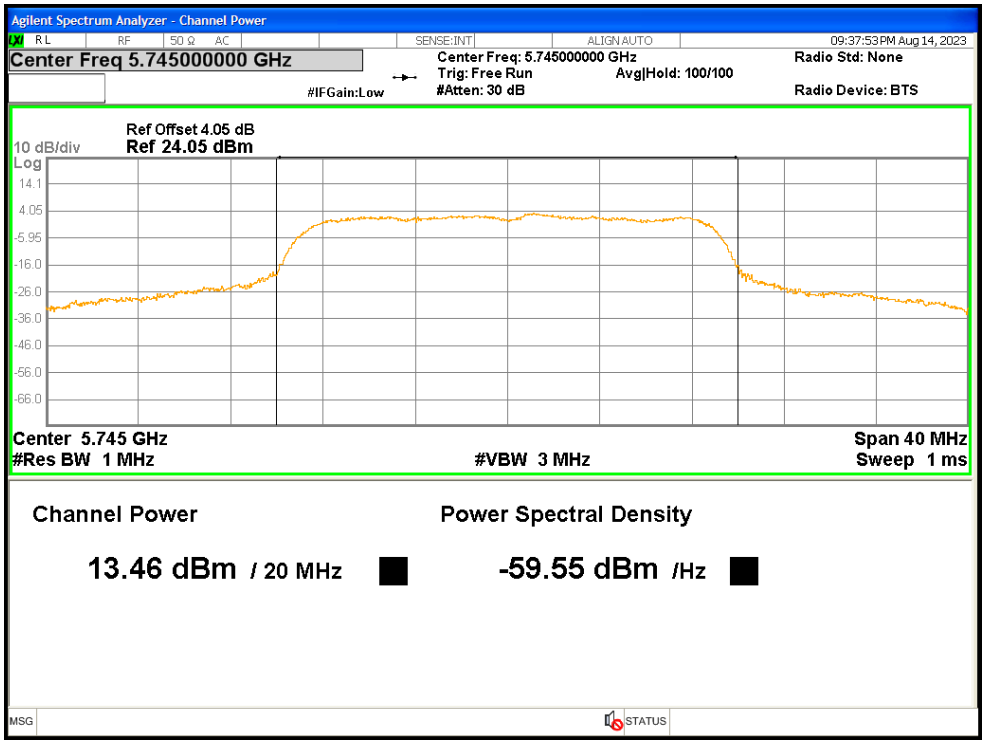
Power NVNT ax80 5775MHz Ant3



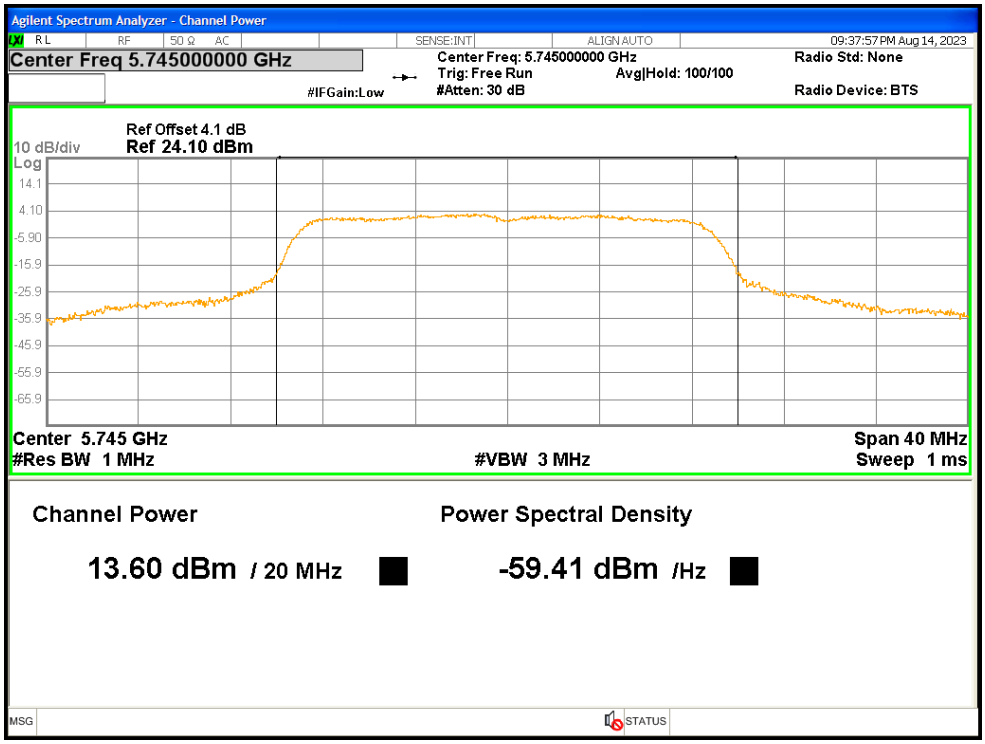
Power NVNT n20 5745MHz Ant1



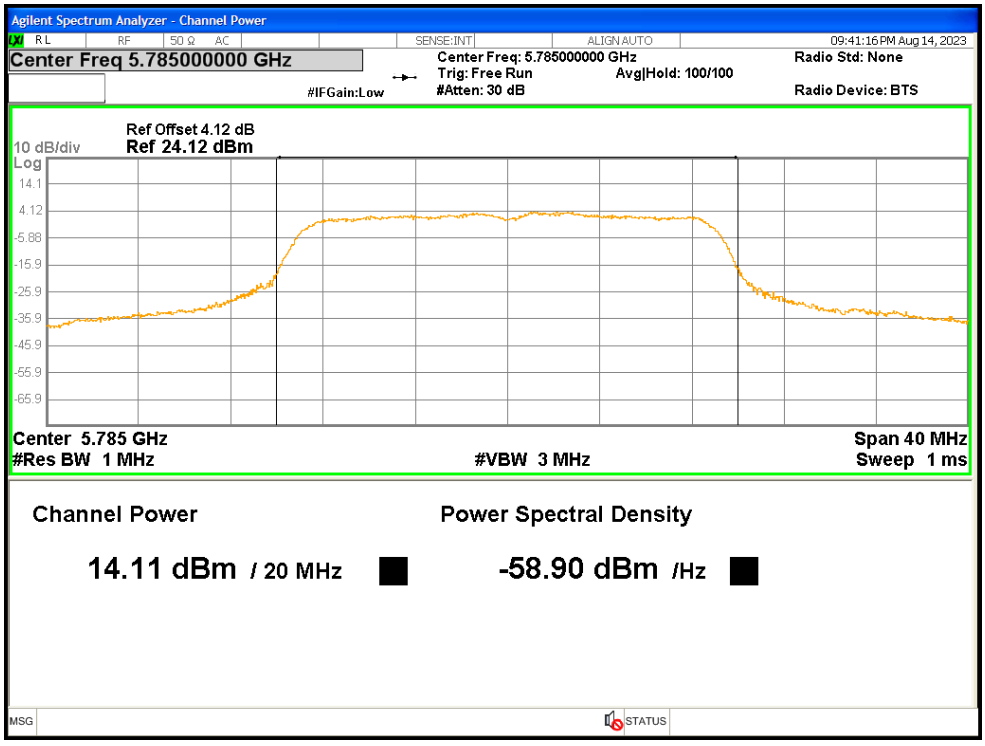
Power NVNT n20 5745MHz Ant2



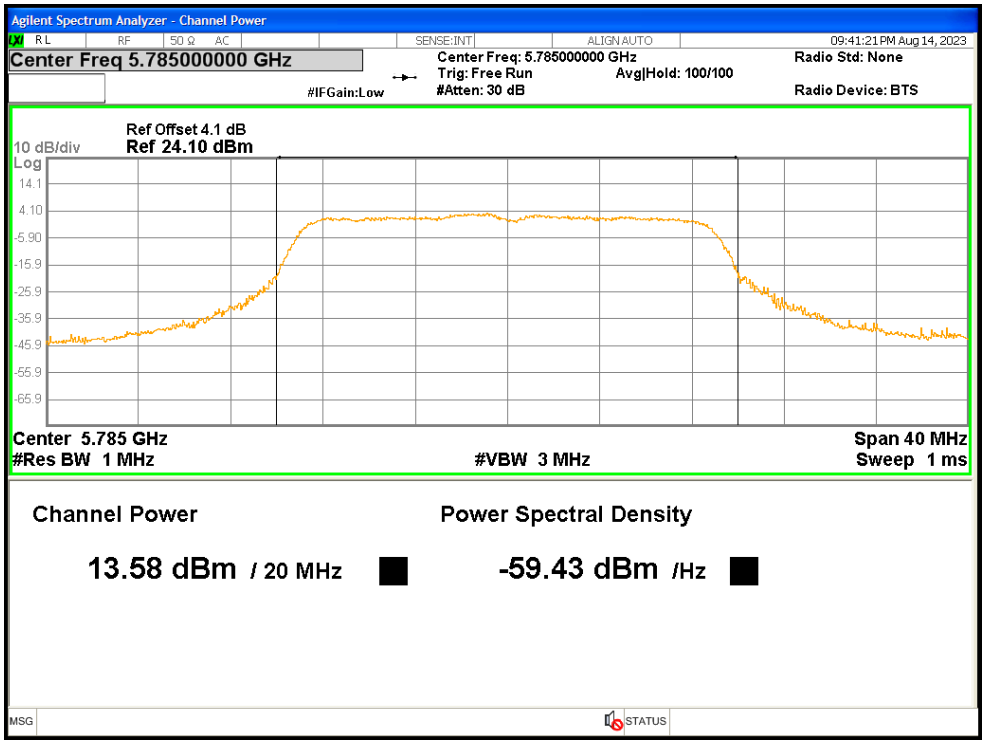
Power NVNT n20 5745MHz Ant3



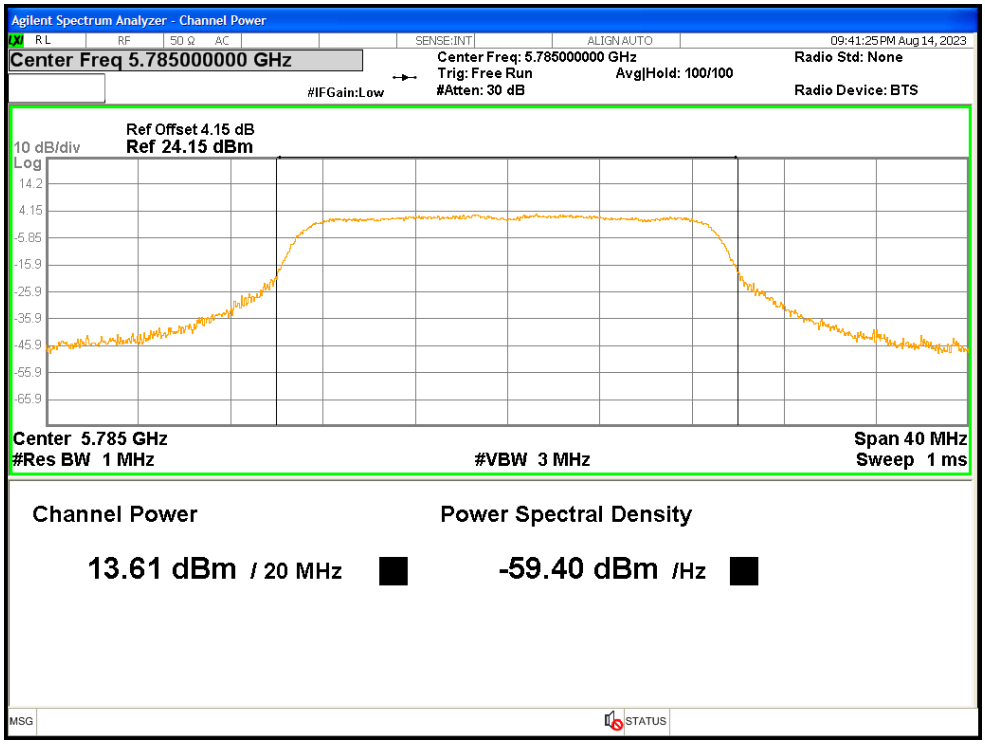
Power NVNT n20 5785MHz Ant1



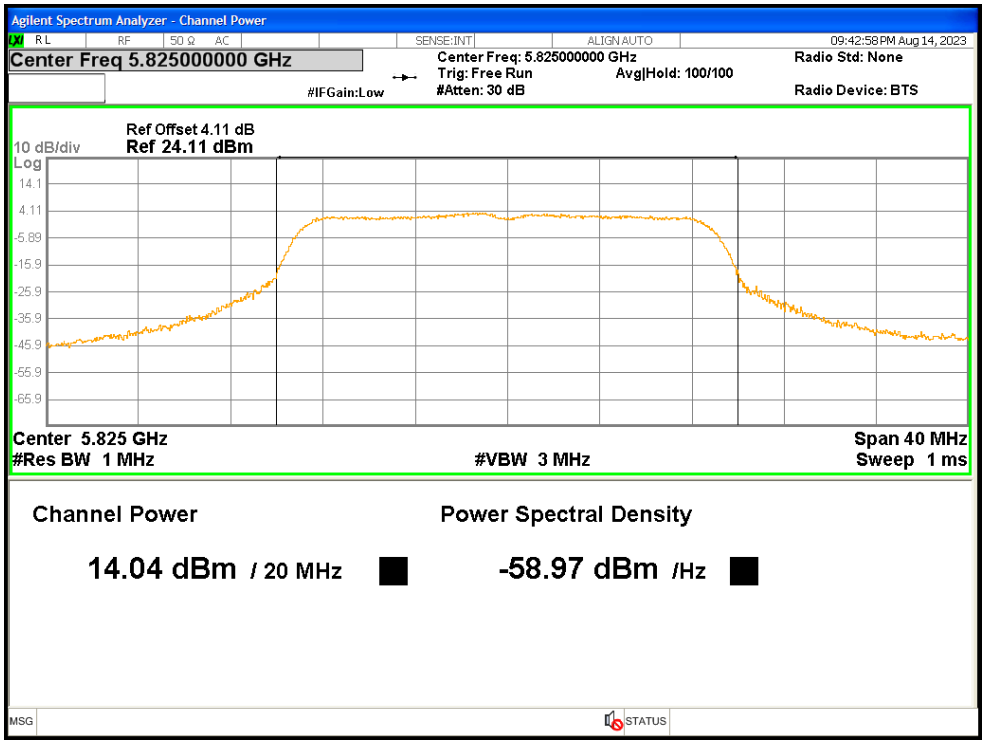
Power NVNT n20 5785MHz Ant2



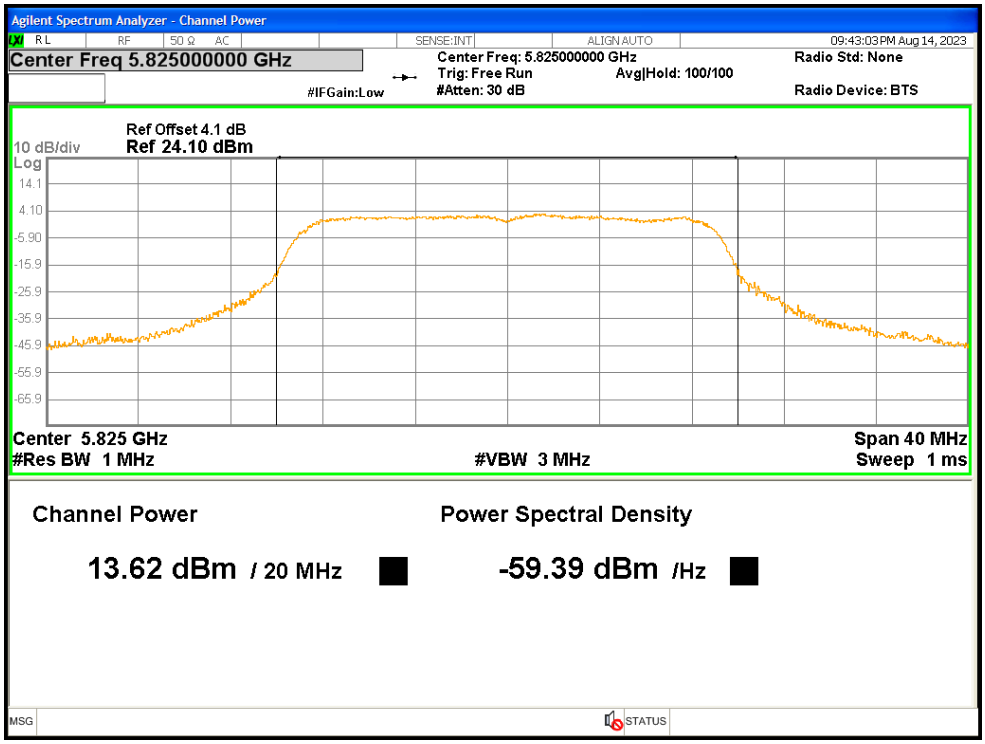
Power NVNT n20 5785MHz Ant3



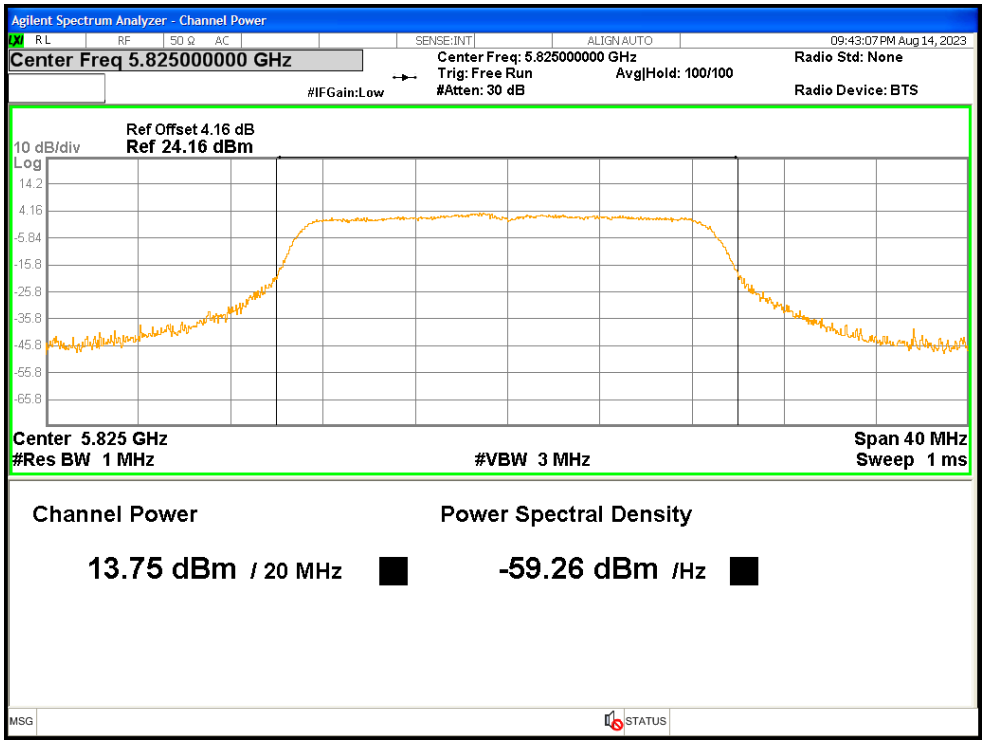
Power NVNT n20 5825MHz Ant1



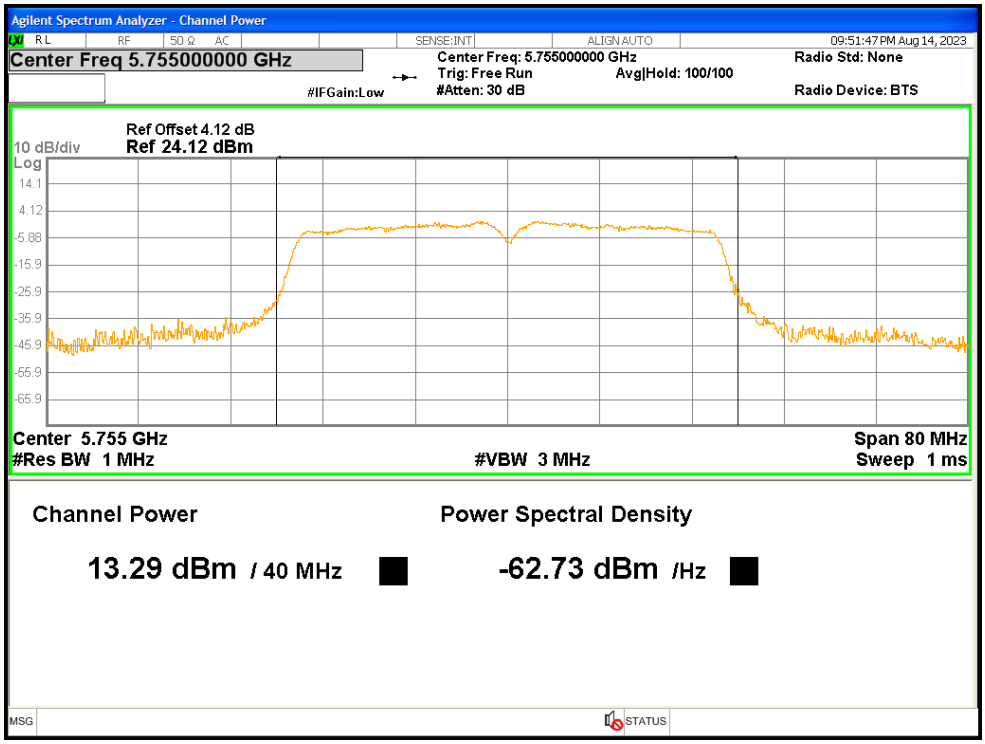
Power NVNT n20 5825MHz Ant2



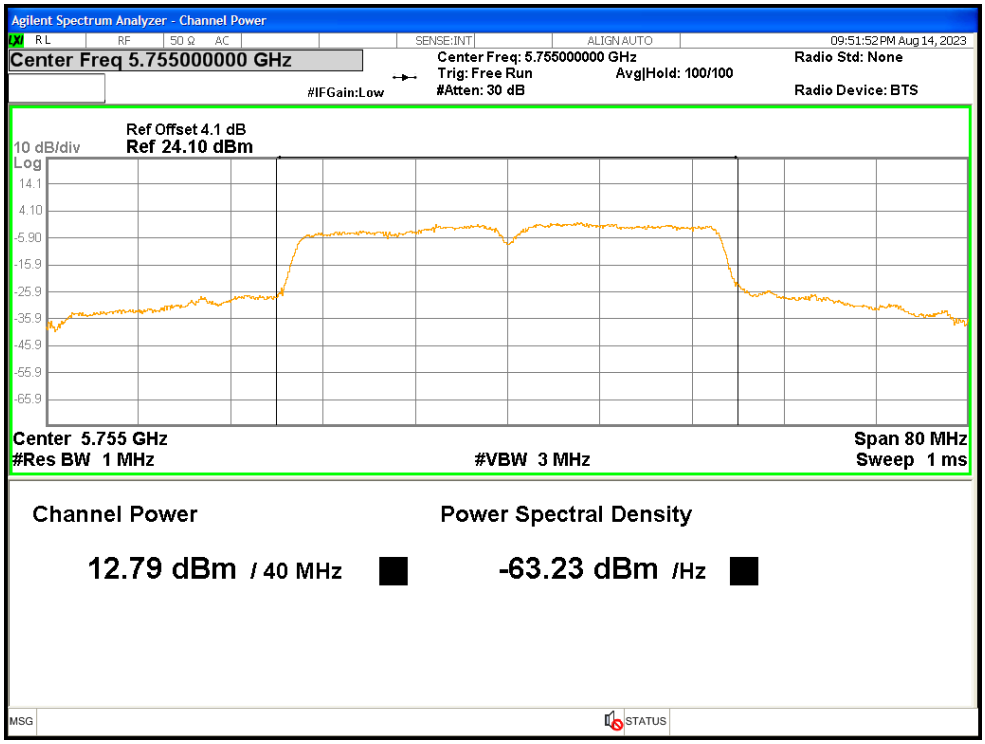
Power NVNT n20 5825MHz Ant3



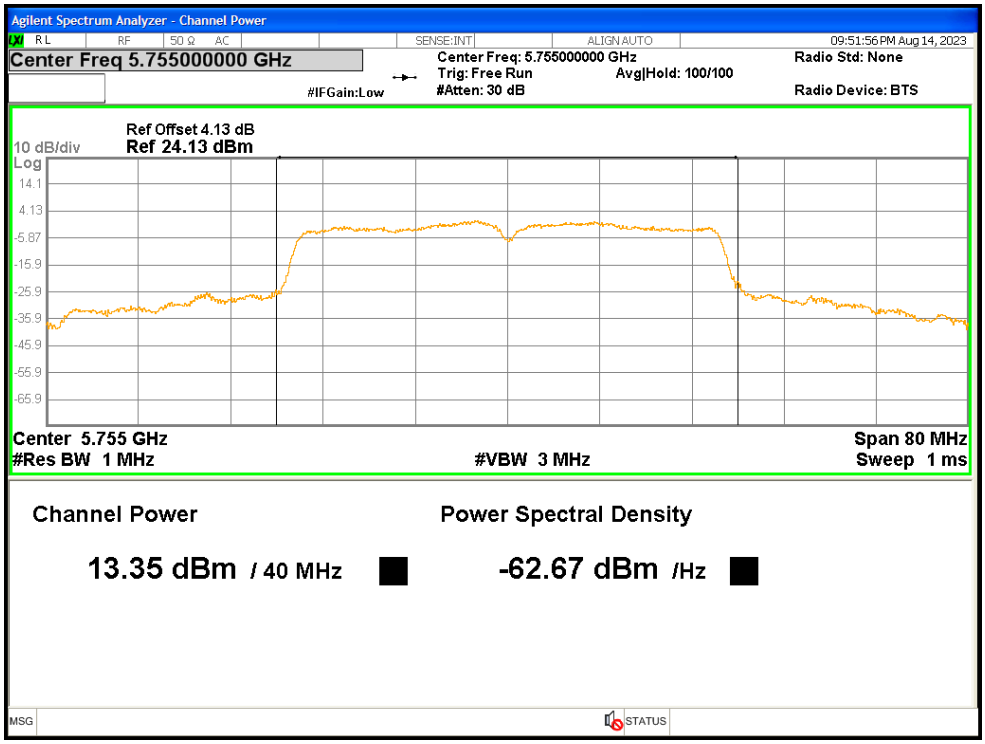
Power NVNT n40 5755MHz Ant1



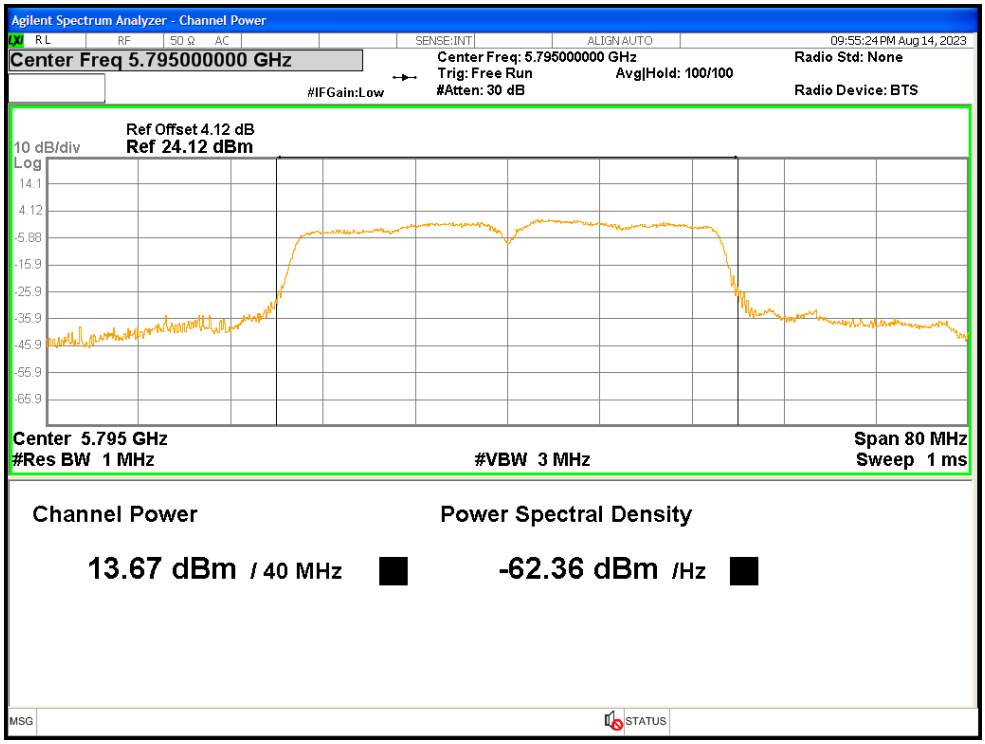
Power NVNT n40 5755MHz Ant2



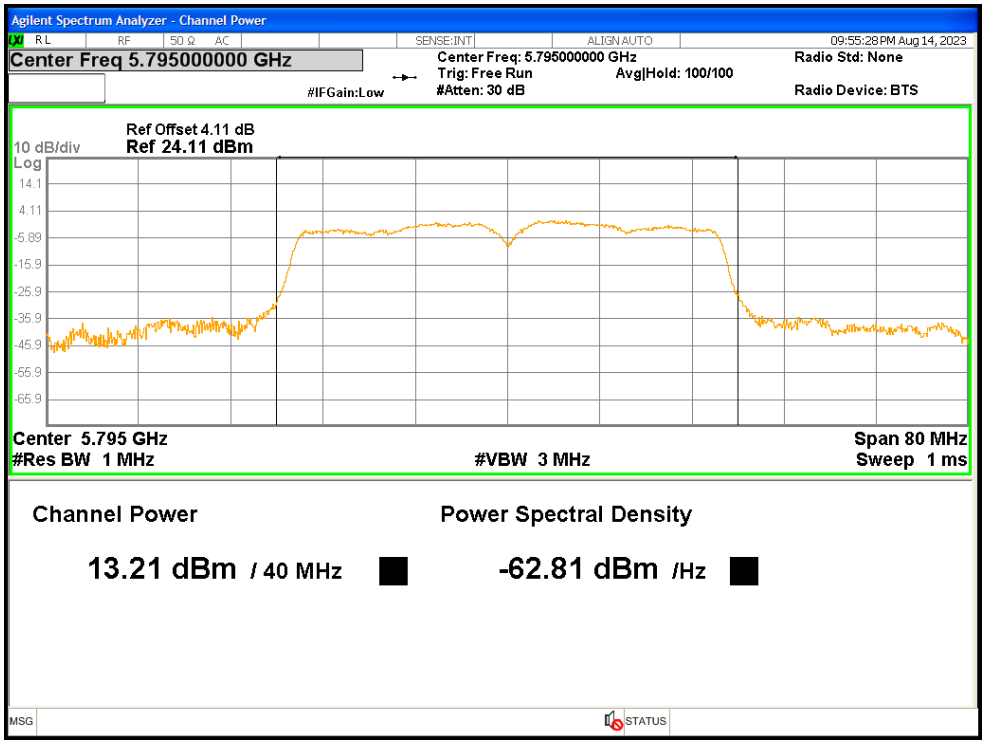
Power NVNT n40 5755MHz Ant3



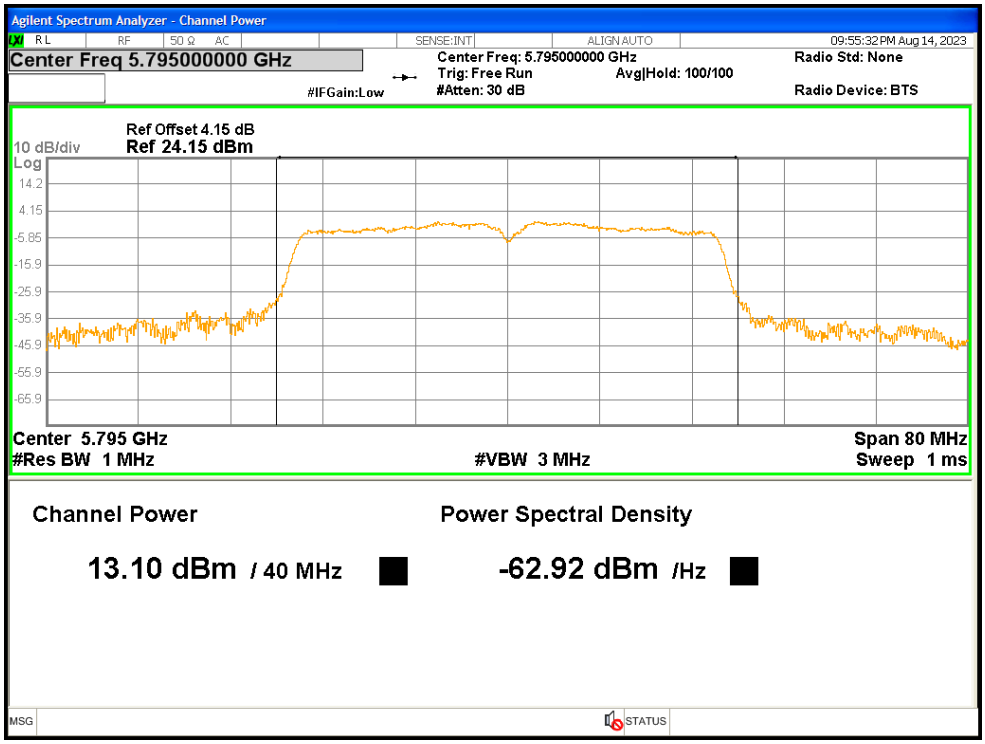
Power NVNT n40 5795MHz Ant1



Power NVNT n40 5795MHz Ant2



Power NVNT n40 5795MHz Ant3



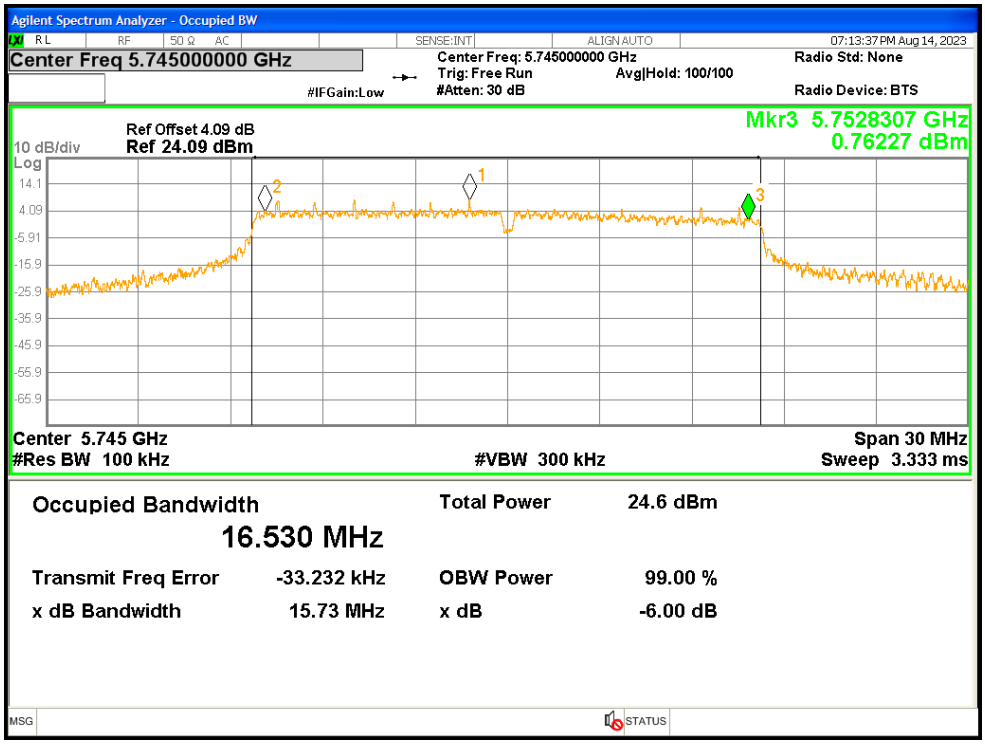
3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.7278	>=0.5	Pass
NVNT	a	5785	Ant1	16.1235	>=0.5	Pass
NVNT	a	5825	Ant1	16.0486	>=0.5	Pass
NVNT	a	5745	Ant2	16.3349	>=0.5	Pass
NVNT	a	5785	Ant2	16.3262	>=0.5	Pass
NVNT	a	5825	Ant2	16.4288	>=0.5	Pass
NVNT	a	5745	Ant3	16.2896	>=0.5	Pass
NVNT	a	5785	Ant3	16.2978	>=0.5	Pass
NVNT	a	5825	Ant3	15.6484	>=0.5	Pass
NVNT	ac20	5745	Ant1	16.3461	>=0.5	Pass
NVNT	ac20	5745	Ant2	17.5493	>=0.5	Pass
NVNT	ac20	5745	Ant3	17.5436	>=0.5	Pass
NVNT	ac20	5785	Ant1	16.2943	>=0.5	Pass
NVNT	ac20	5785	Ant2	17.3096	>=0.5	Pass
NVNT	ac20	5785	Ant3	17.5776	>=0.5	Pass
NVNT	ac20	5825	Ant1	16.5193	>=0.5	Pass
NVNT	ac20	5825	Ant2	17.5577	>=0.5	Pass
NVNT	ac20	5825	Ant3	17.5148	>=0.5	Pass
NVNT	ac40	5755	Ant1	35.8852	>=0.5	Pass
NVNT	ac40	5755	Ant2	35.714	>=0.5	Pass
NVNT	ac40	5755	Ant3	35.0472	>=0.5	Pass
NVNT	ac40	5795	Ant1	35.1195	>=0.5	Pass
NVNT	ac40	5795	Ant2	35.1115	>=0.5	Pass
NVNT	ac40	5795	Ant3	35.0636	>=0.5	Pass
NVNT	ac80	5775	Ant1	75.0447	>=0.5	Pass
NVNT	ac80	5775	Ant2	55.0948	>=0.5	Pass
NVNT	ac80	5775	Ant3	75.0881	>=0.5	Pass
NVNT	ax20	5745	Ant1	17.0671	>=0.5	Pass
NVNT	ax20	5745	Ant2	18.6474	>=0.5	Pass
NVNT	ax20	5745	Ant3	18.6621	>=0.5	Pass
NVNT	ax20	5785	Ant1	18.4967	>=0.5	Pass
NVNT	ax20	5785	Ant2	18.6774	>=0.5	Pass
NVNT	ax20	5785	Ant3	18.3316	>=0.5	Pass
NVNT	ax20	5825	Ant1	18.4362	>=0.5	Pass
NVNT	ax20	5825	Ant2	17.8793	>=0.5	Pass
NVNT	ax20	5825	Ant3	0.7775	>=0.5	Pass
NVNT	ax40	5755	Ant1	37.9112	>=0.5	Pass
NVNT	ax40	5755	Ant2	35.6957	>=0.5	Pass
NVNT	ax40	5755	Ant3	34.8278	>=0.5	Pass
NVNT	ax40	5795	Ant1	35.0452	>=0.5	Pass

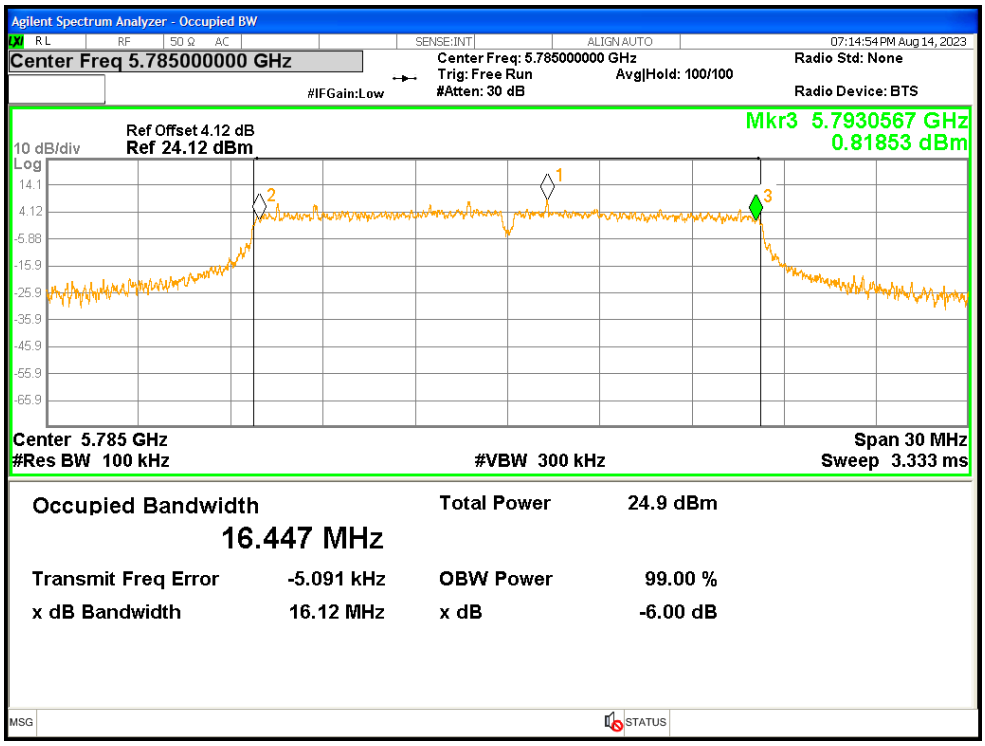
NVNT	ax40	5795	Ant2	35.0481	>=0.5	Pass
NVNT	ax40	5795	Ant3	35.2919	>=0.5	Pass
NVNT	ax80	5775	Ant1	73.8348	>=0.5	Pass
NVNT	ax80	5775	Ant2	68.8463	>=0.5	Pass
NVNT	ax80	5775	Ant3	75.0944	>=0.5	Pass
NVNT	n20	5745	Ant1	16.8759	>=0.5	Pass
NVNT	n20	5745	Ant2	17.2754	>=0.5	Pass
NVNT	n20	5745	Ant3	17.2718	>=0.5	Pass
NVNT	n20	5785	Ant1	17.5436	>=0.5	Pass
NVNT	n20	5785	Ant2	17.6592	>=0.5	Pass
NVNT	n20	5785	Ant3	17.6413	>=0.5	Pass
NVNT	n20	5825	Ant1	17.221	>=0.5	Pass
NVNT	n20	5825	Ant2	17.5496	>=0.5	Pass
NVNT	n20	5825	Ant3	17.6551	>=0.5	Pass
NVNT	n40	5755	Ant1	35.1211	>=0.5	Pass
NVNT	n40	5755	Ant2	35.7083	>=0.5	Pass
NVNT	n40	5755	Ant3	35.4028	>=0.5	Pass
NVNT	n40	5795	Ant1	35.3082	>=0.5	Pass
NVNT	n40	5795	Ant2	35.109	>=0.5	Pass
NVNT	n40	5795	Ant3	35.0998	>=0.5	Pass

Test Graphs

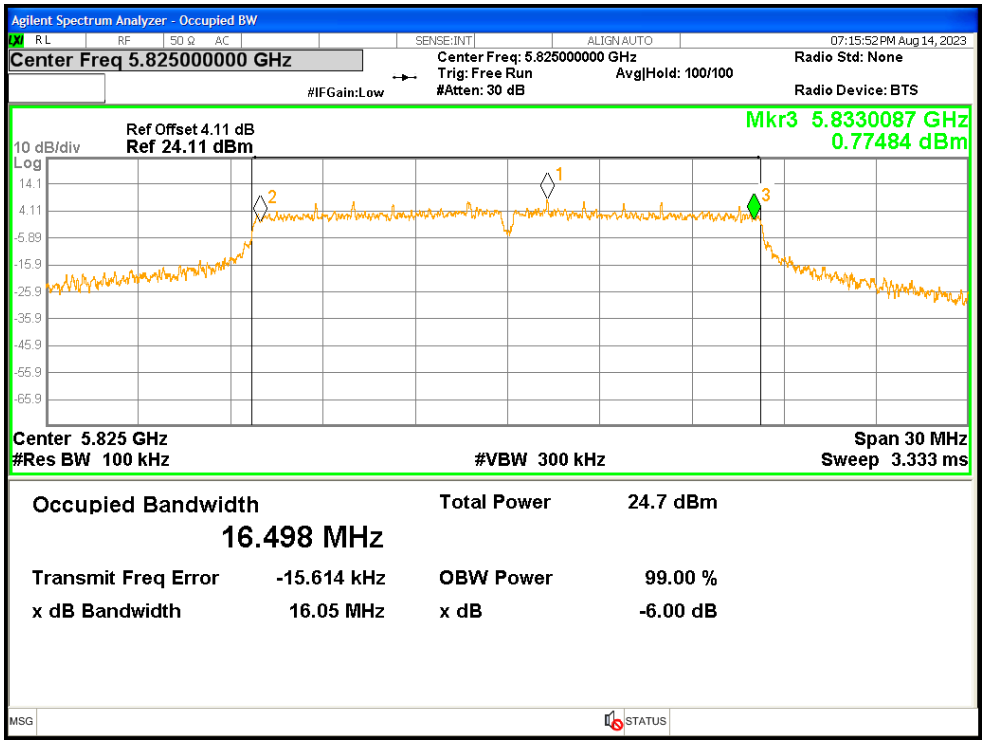
-6dB Bandwidth NVNT a 5745MHz Ant1



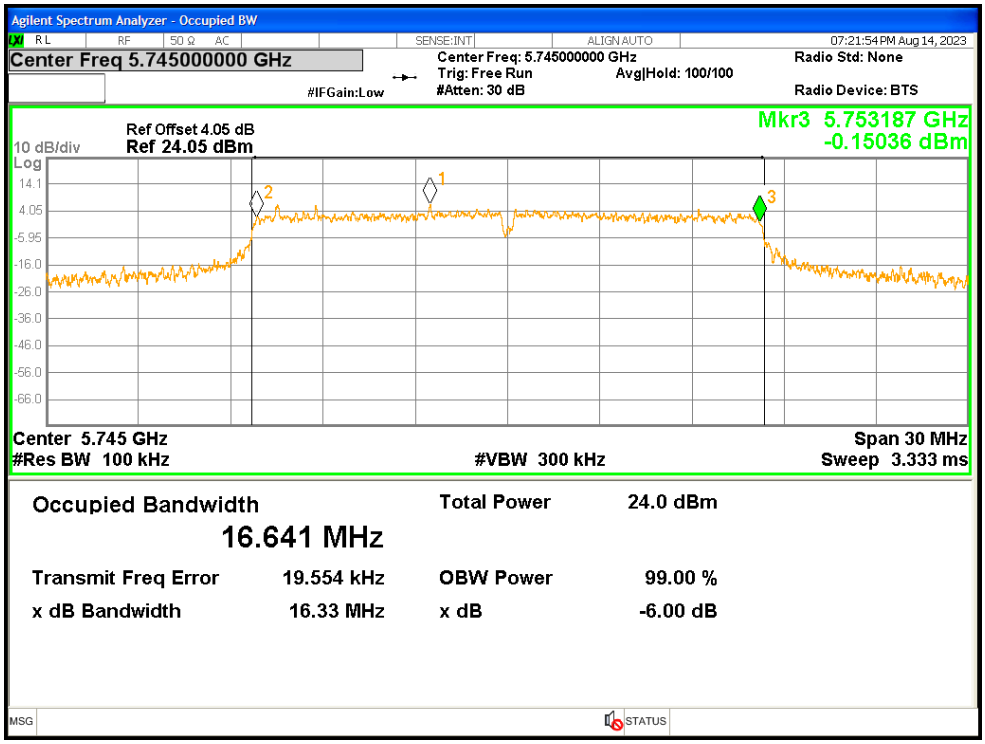
-6dB Bandwidth NVNT a 5785MHz Ant1



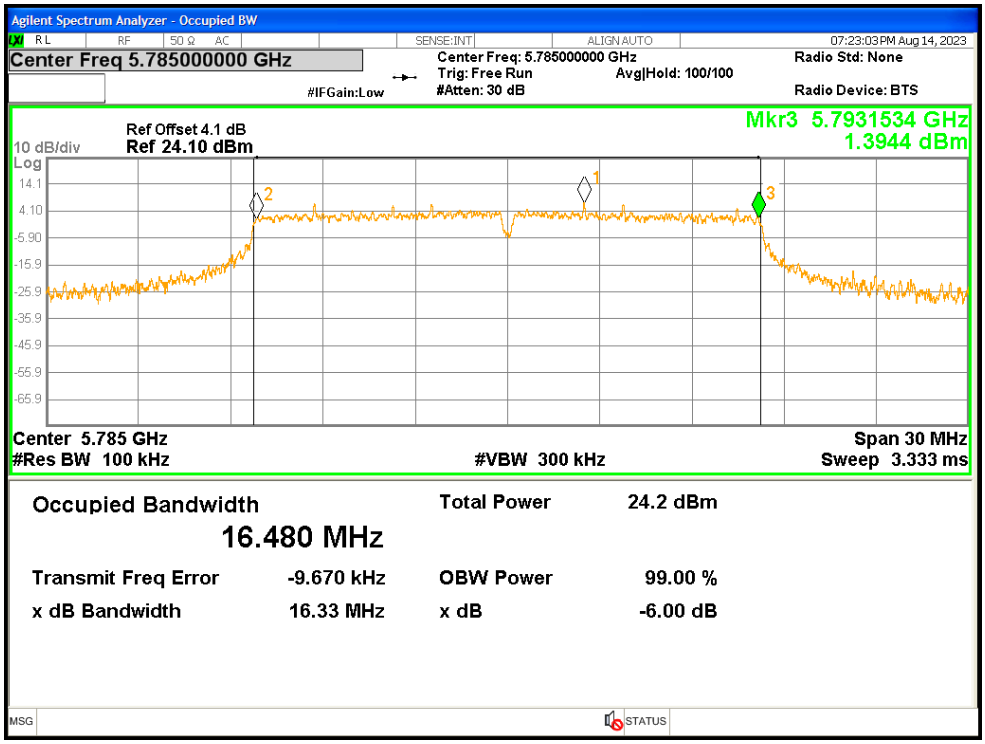
-6dB Bandwidth NVNT a 5825MHz Ant1



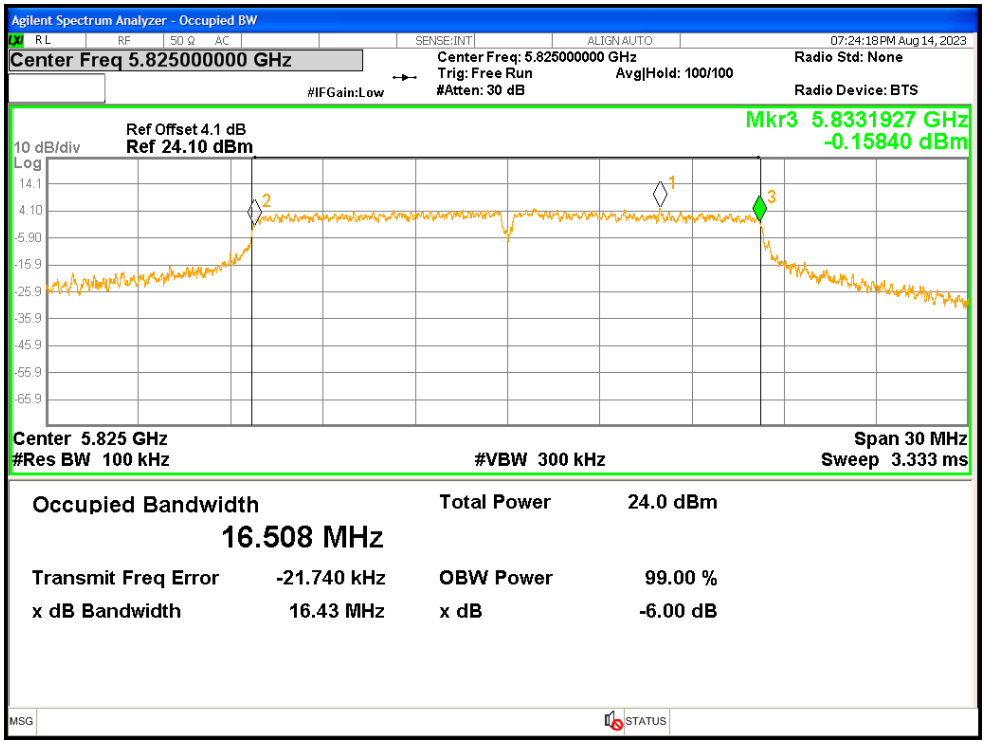
-6dB Bandwidth NVNT a 5745MHz Ant2



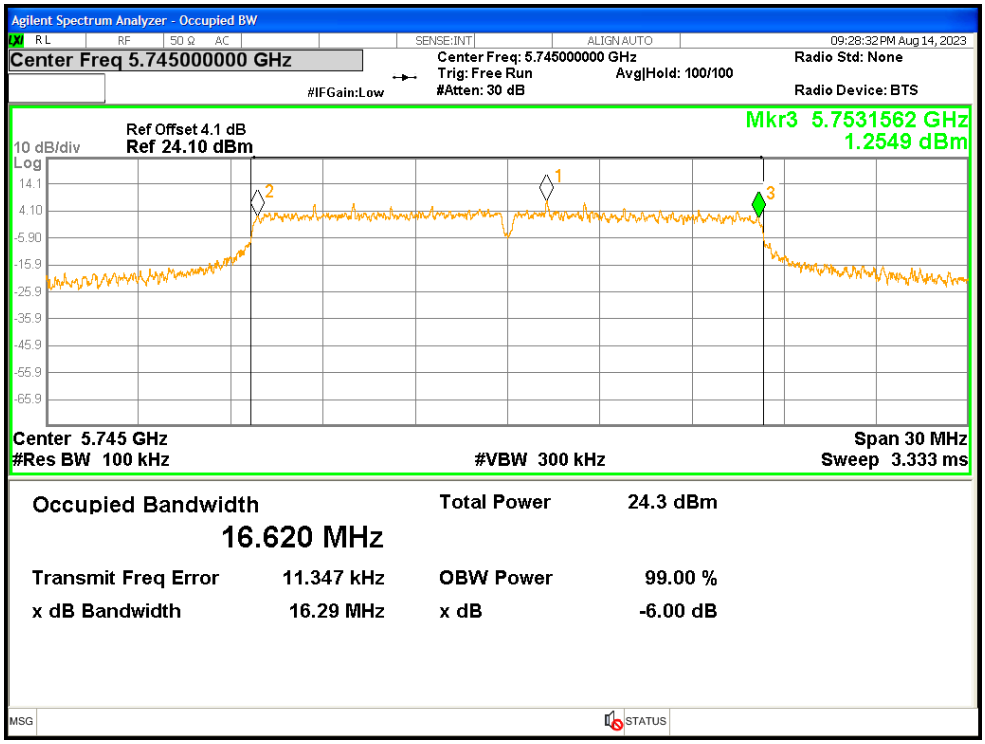
-6dB Bandwidth NVNT a 5785MHz Ant2



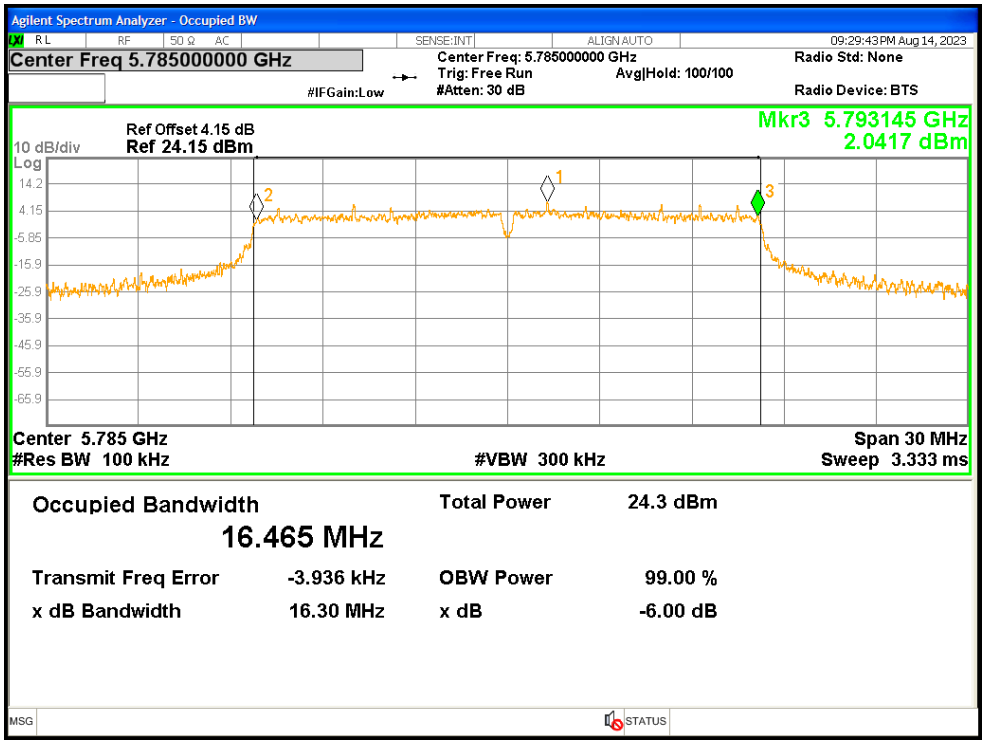
-6dB Bandwidth NVNT a 5825MHz Ant2



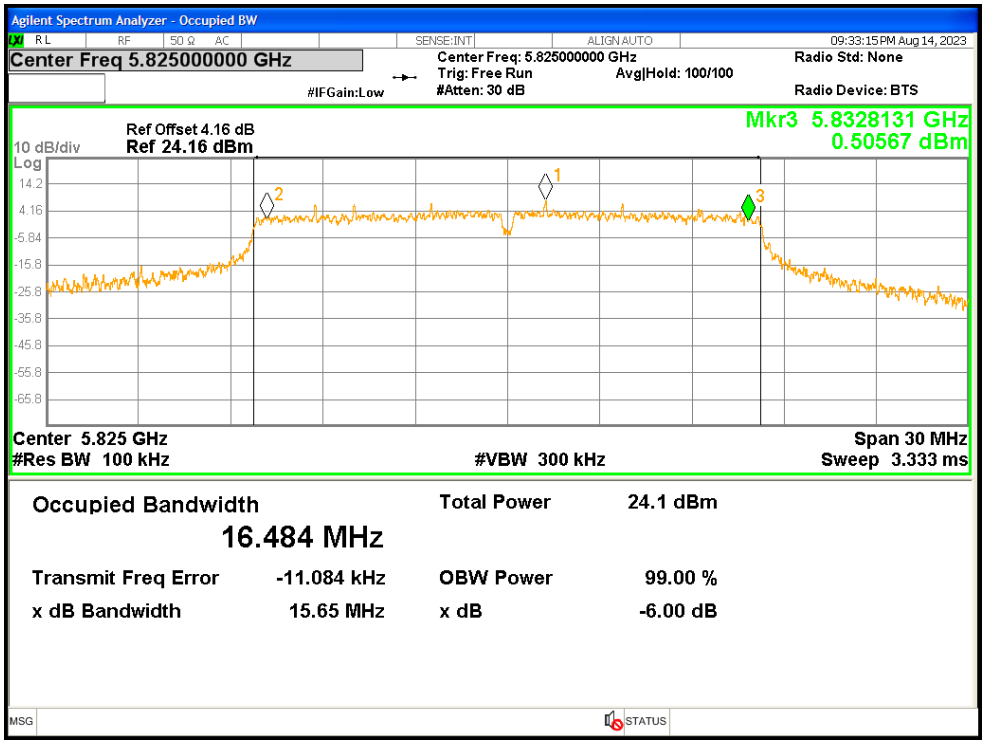
-6dB Bandwidth NVNT a 5745MHz Ant3



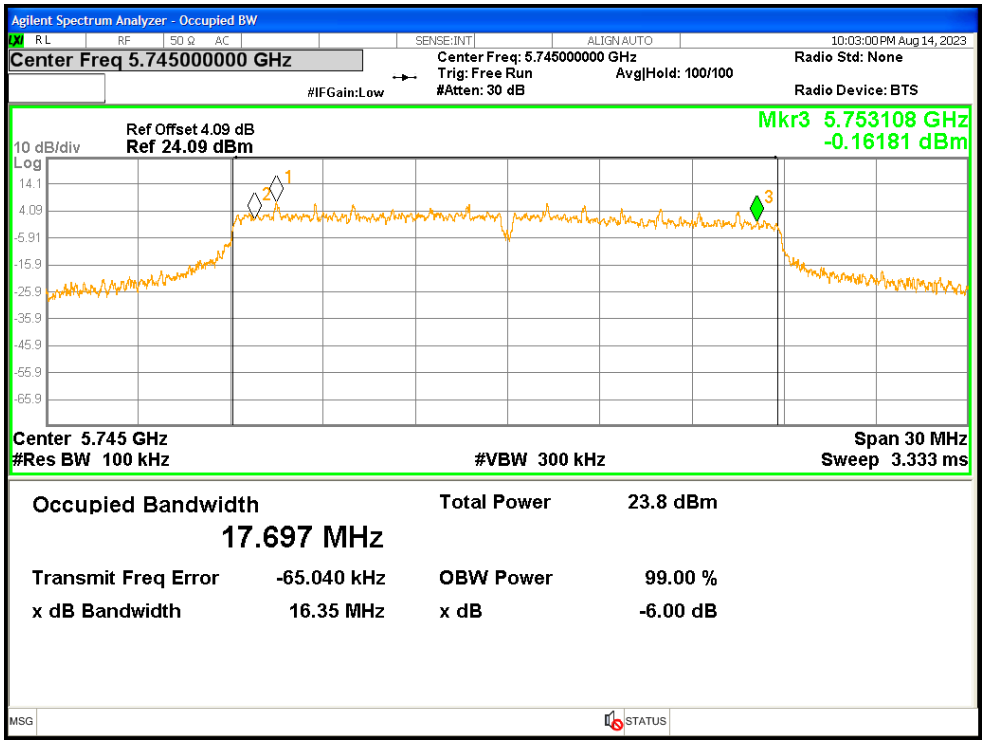
-6dB Bandwidth NVNT a 5785MHz Ant3



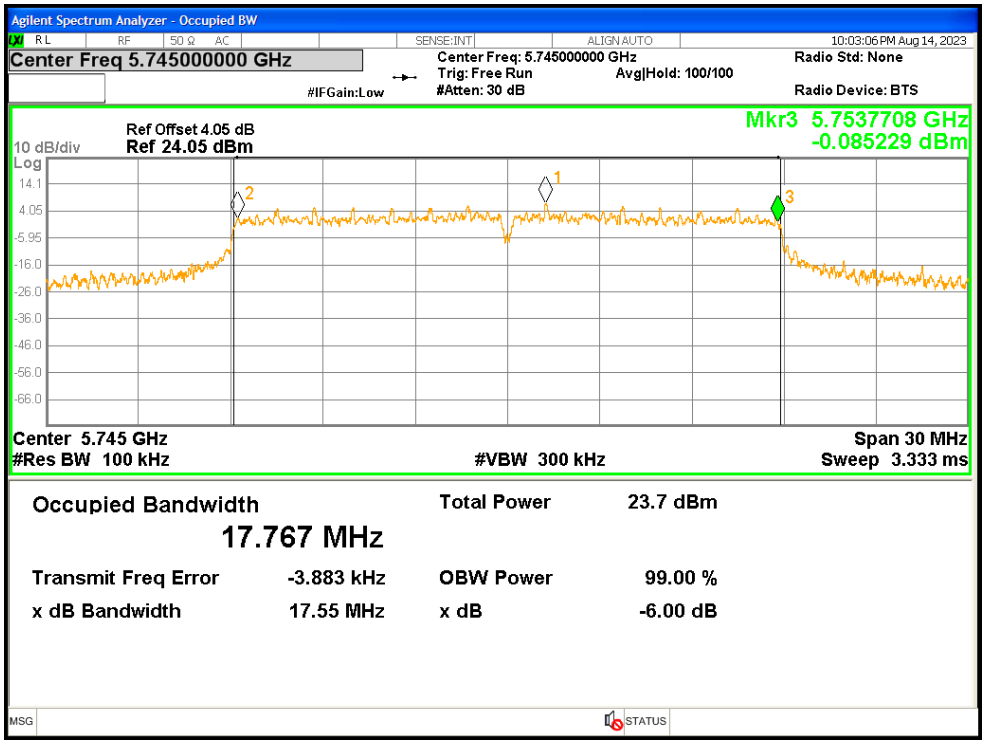
-6dB Bandwidth NVNT a 5825MHz Ant3



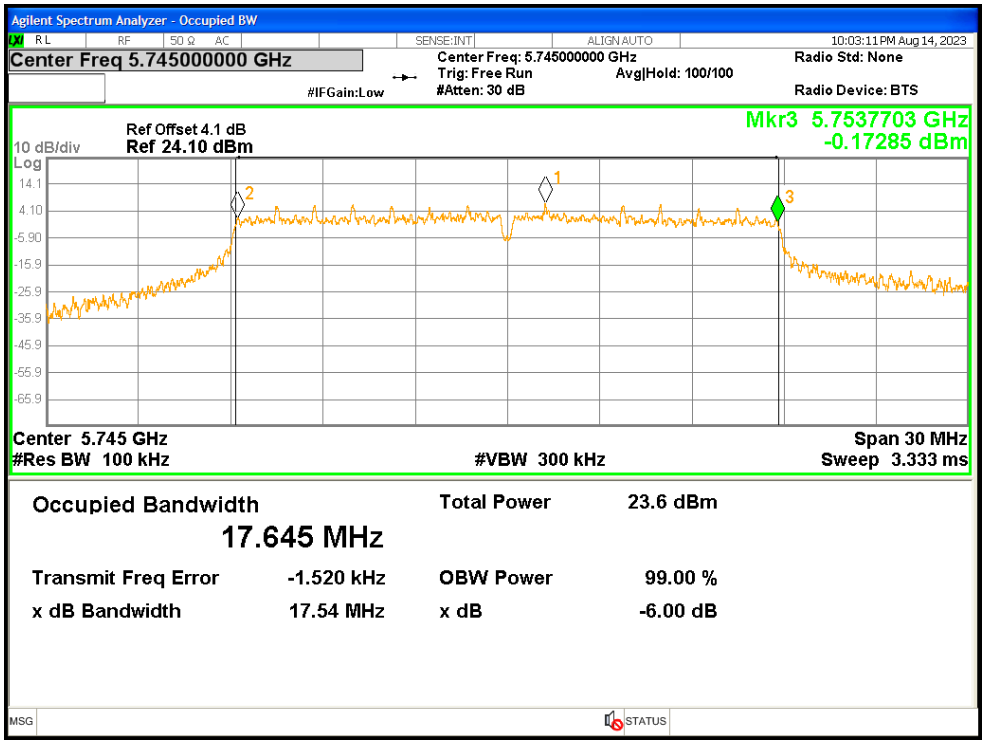
-6dB Bandwidth NVNT ac20 5745MHz Ant1



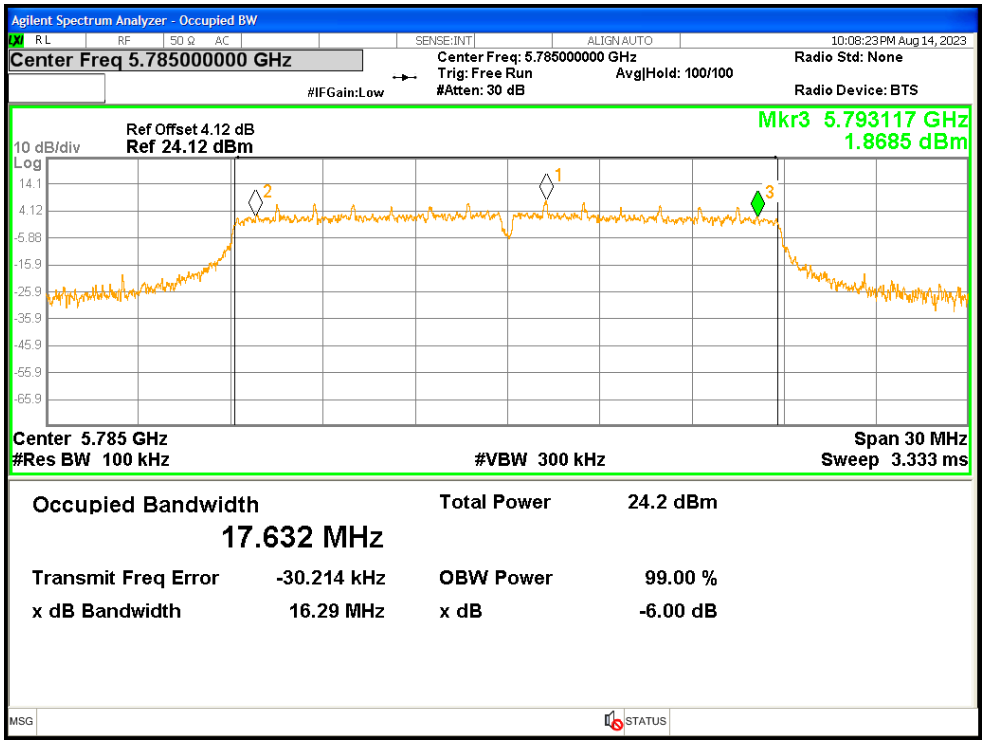
-6dB Bandwidth NVNT ac20 5745MHz Ant2



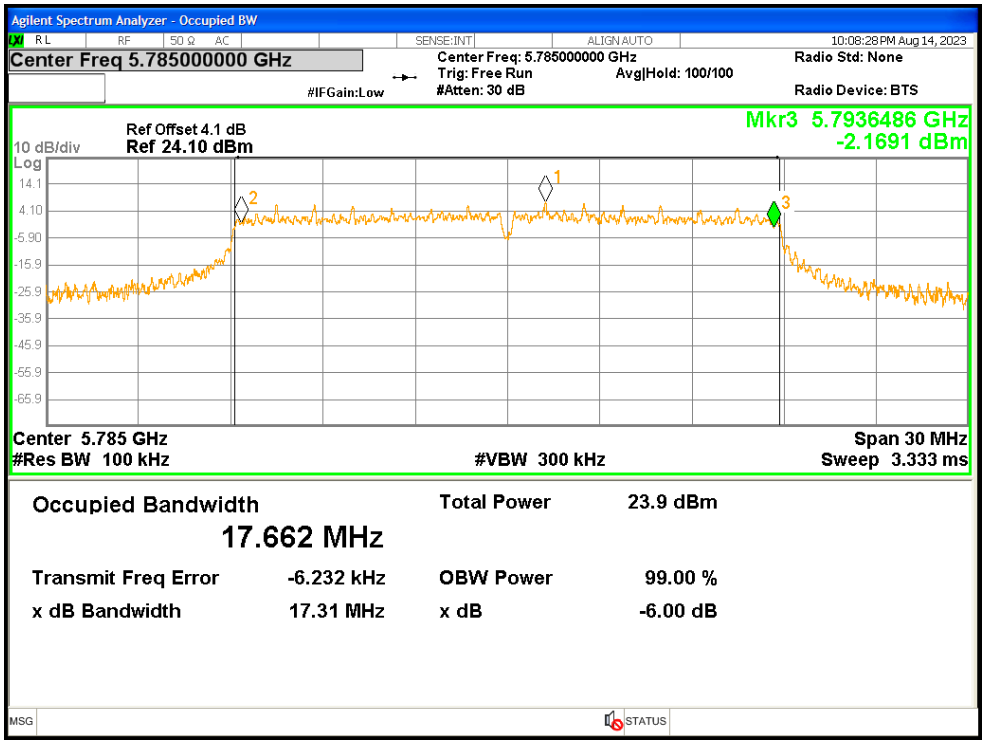
-6dB Bandwidth NVNT ac20 5745MHz Ant3



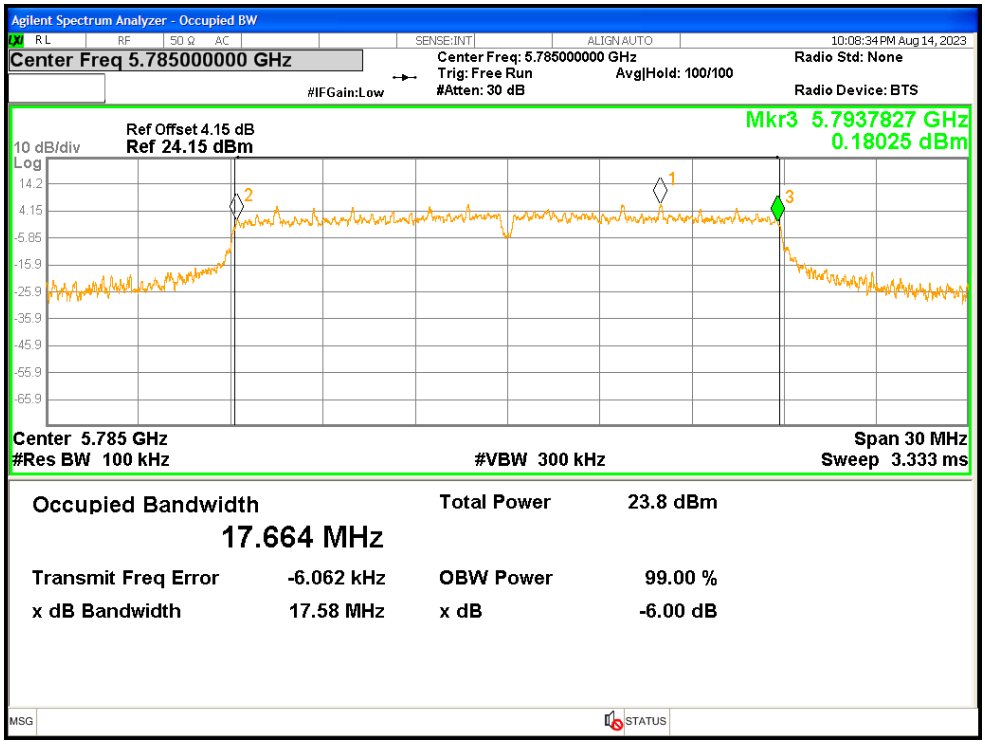
-6dB Bandwidth NVNT ac20 5785MHz Ant1



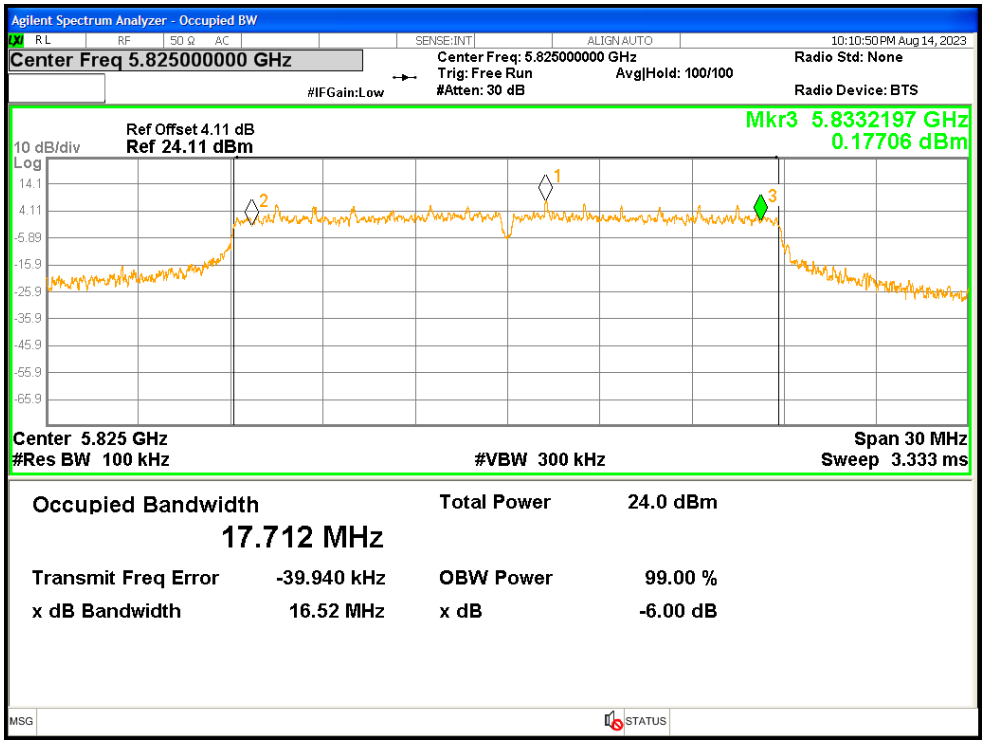
-6dB Bandwidth NVNT ac20 5785MHz Ant2



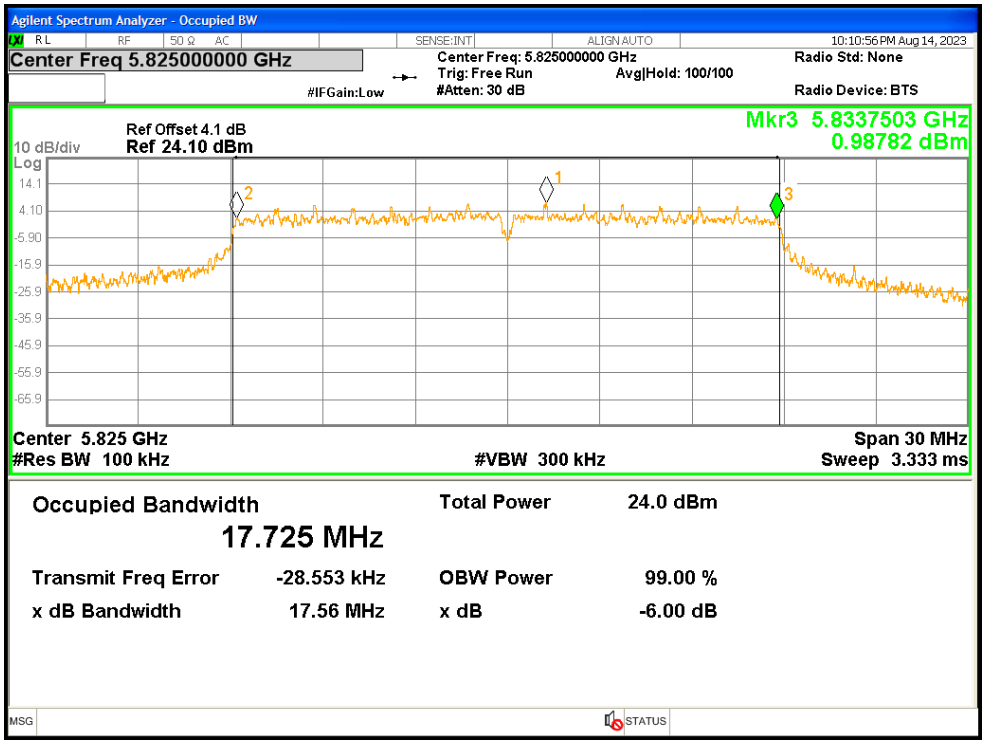
-6dB Bandwidth NVNT ac20 5785MHz Ant3



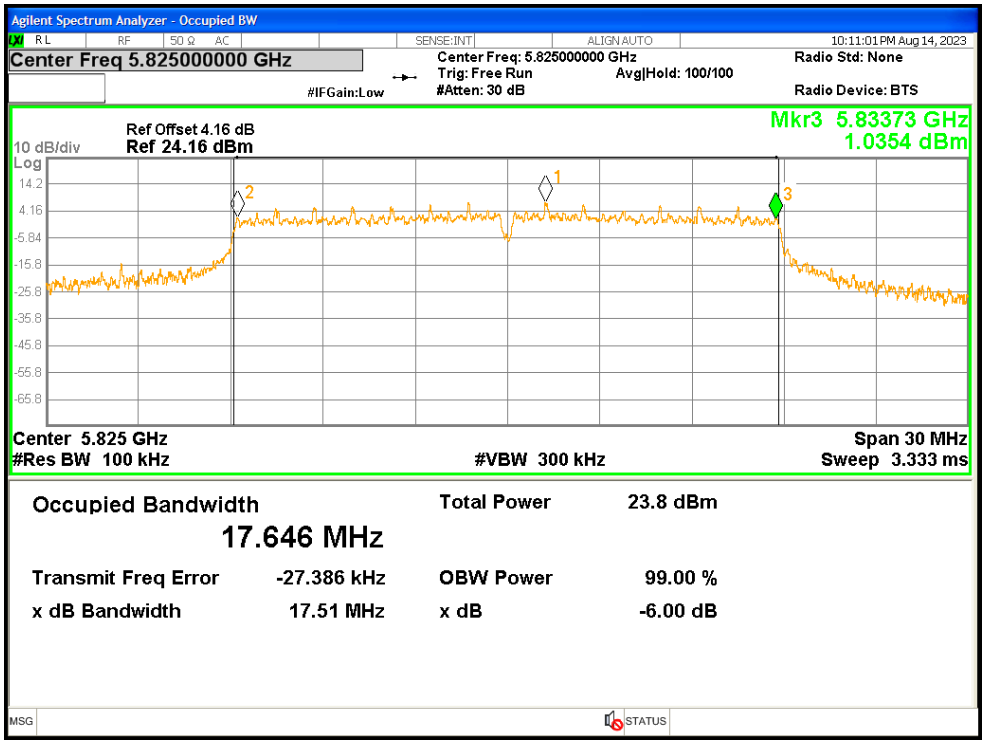
-6dB Bandwidth NVNT ac20 5825MHz Ant1



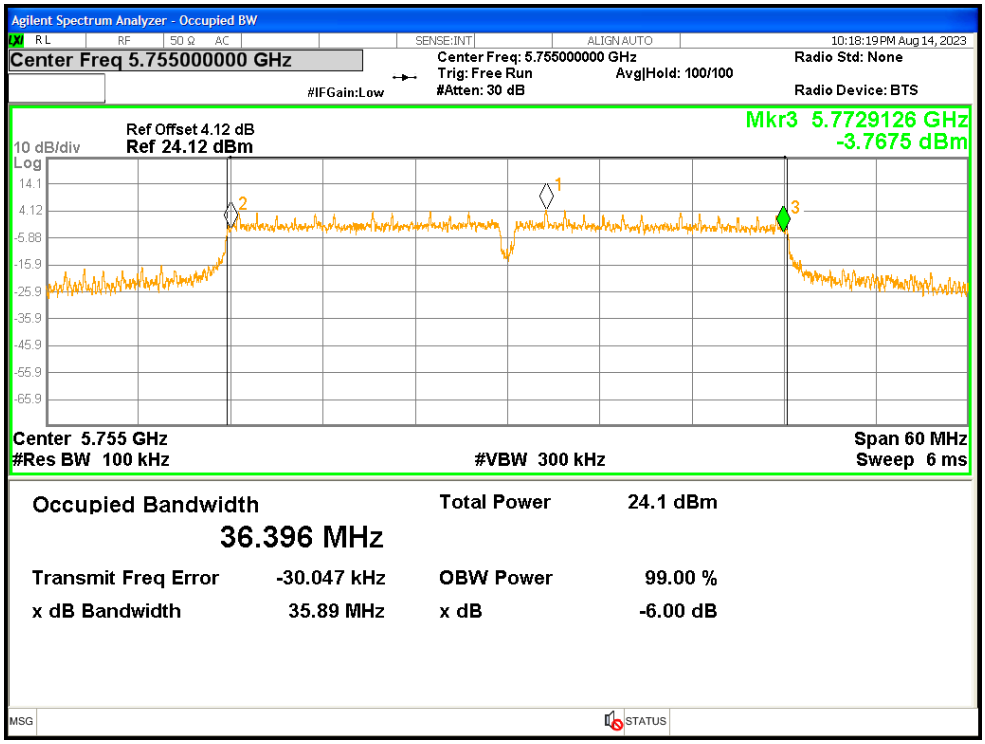
-6dB Bandwidth NVNT ac20 5825MHz Ant2



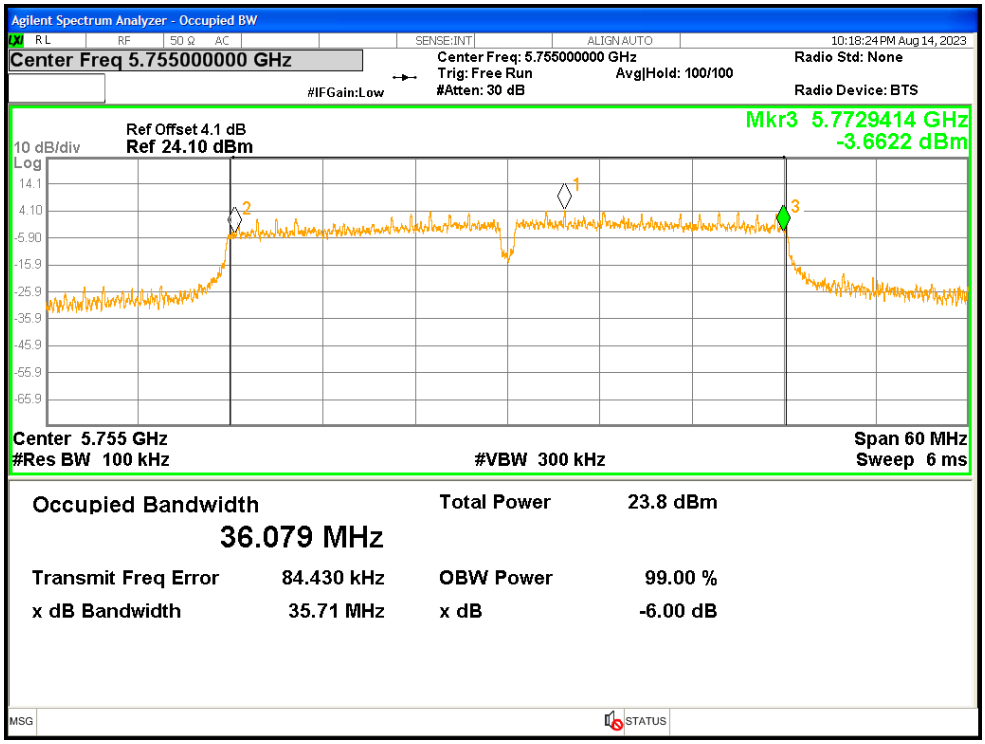
-6dB Bandwidth NVNT ac20 5825MHz Ant3



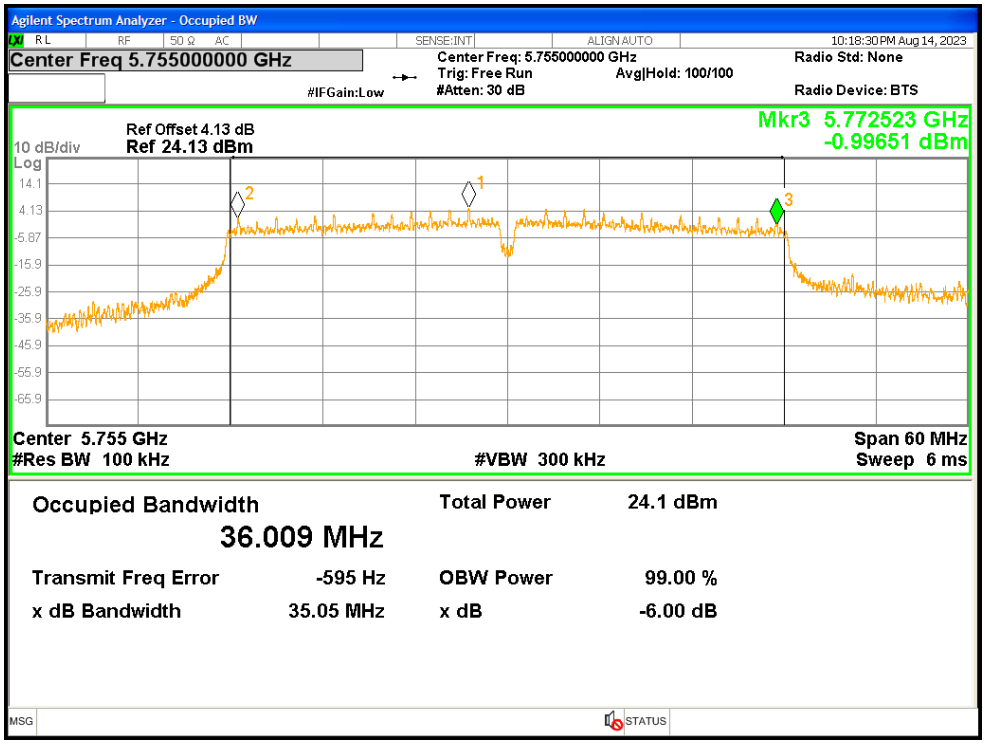
-6dB Bandwidth NVNT ac40 5755MHz Ant1



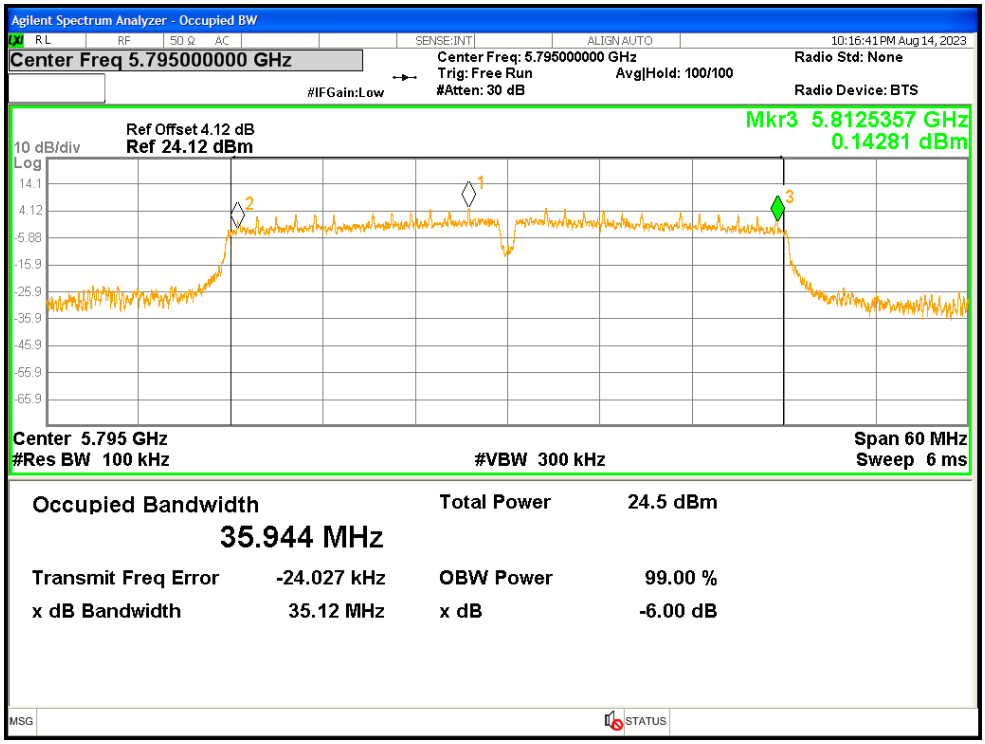
-6dB Bandwidth NVNT ac40 5755MHz Ant2



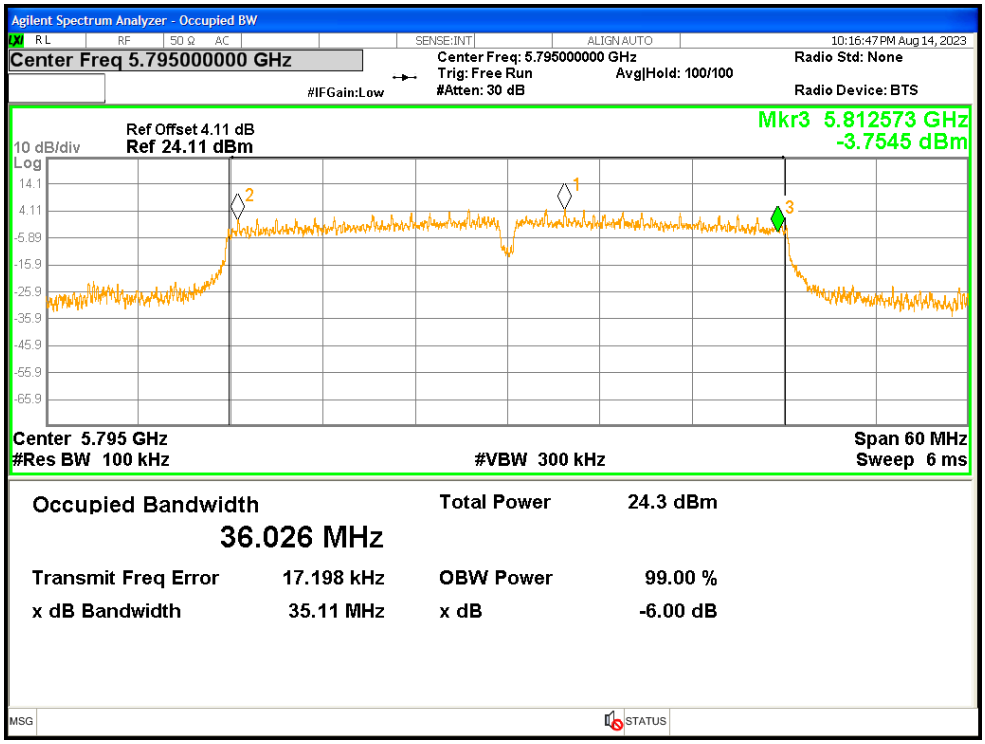
-6dB Bandwidth NVNT ac40 5755MHz Ant3



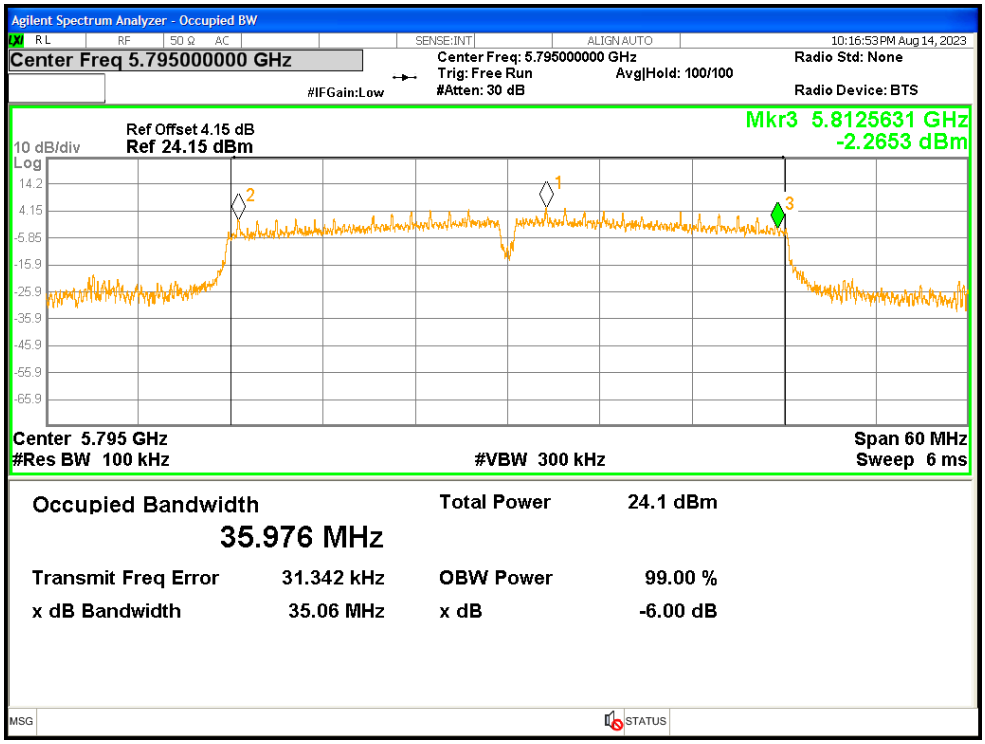
-6dB Bandwidth NVNT ac40 5795MHz Ant1



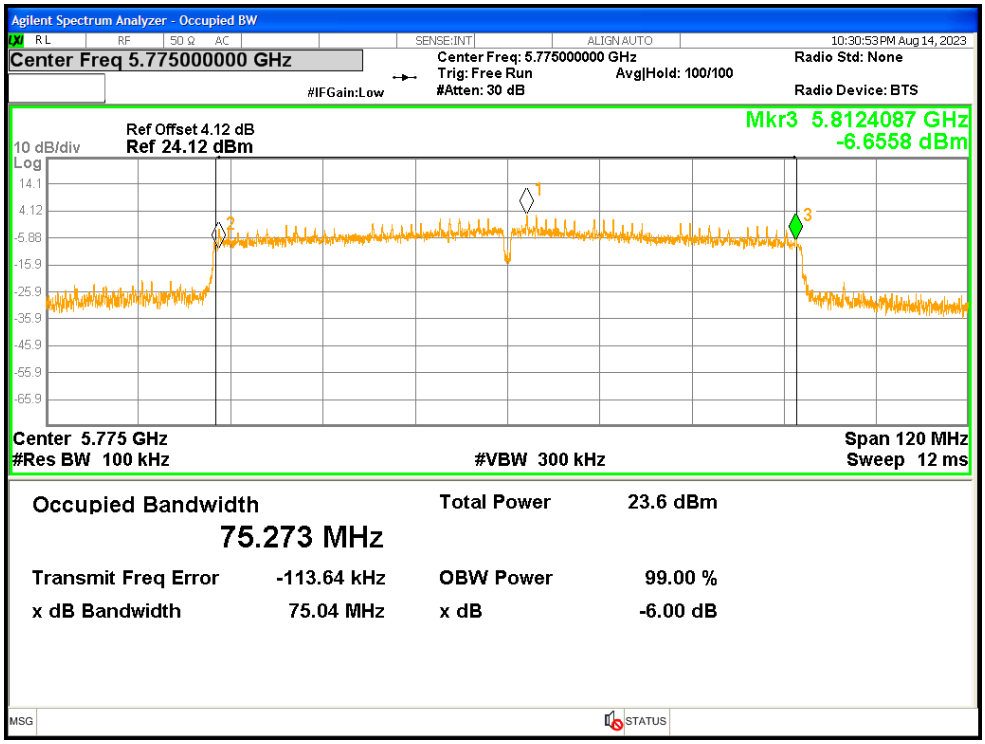
-6dB Bandwidth NVNT ac40 5795MHz Ant2



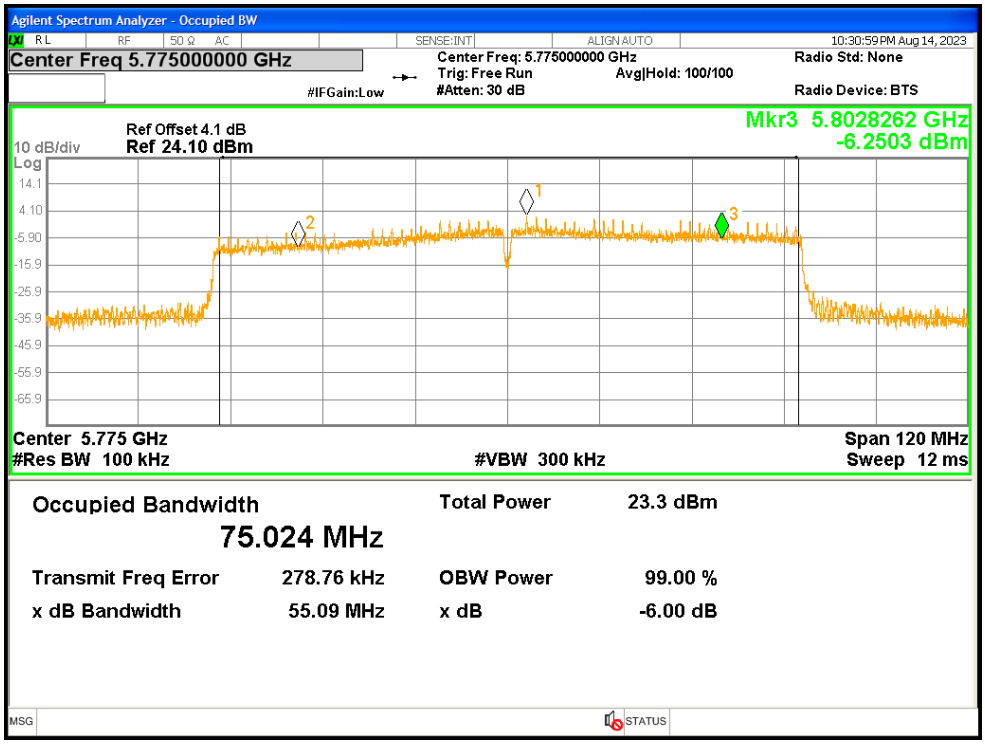
-6dB Bandwidth NVNT ac40 5795MHz Ant3



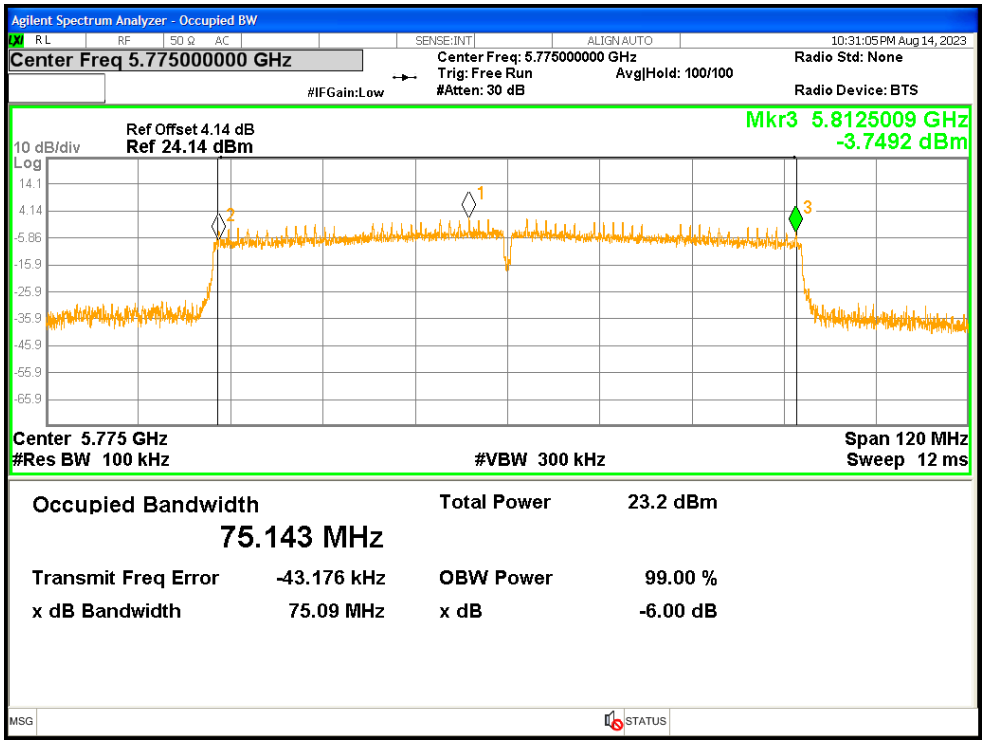
-6dB Bandwidth NVNT ac80 5775MHz Ant1



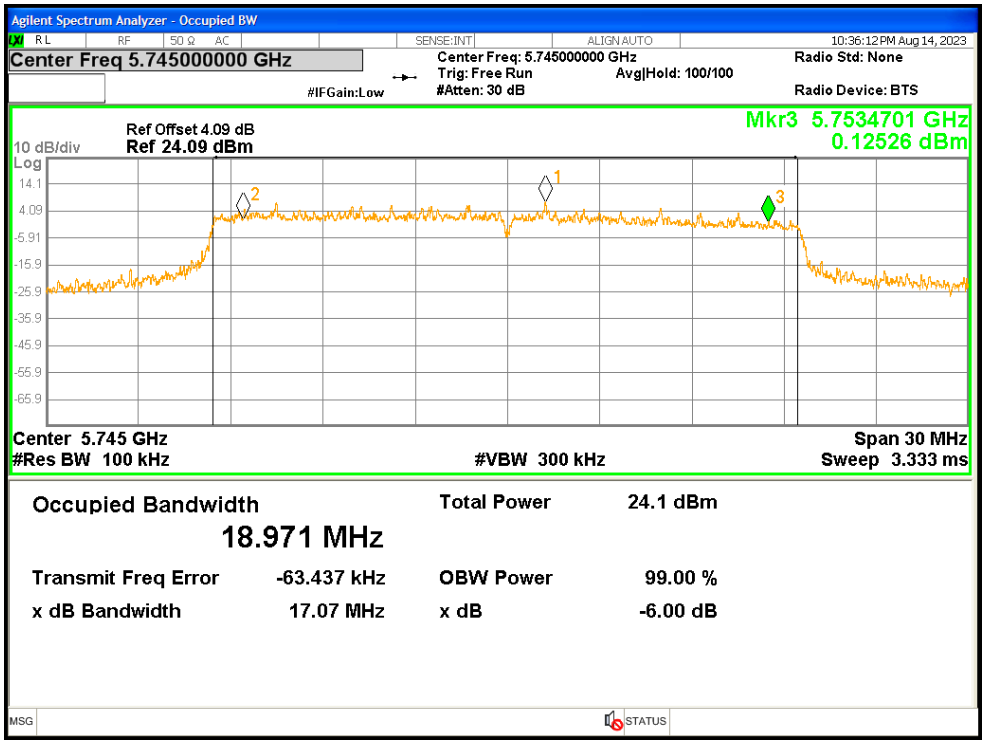
-6dB Bandwidth NVNT ac80 5775MHz Ant2



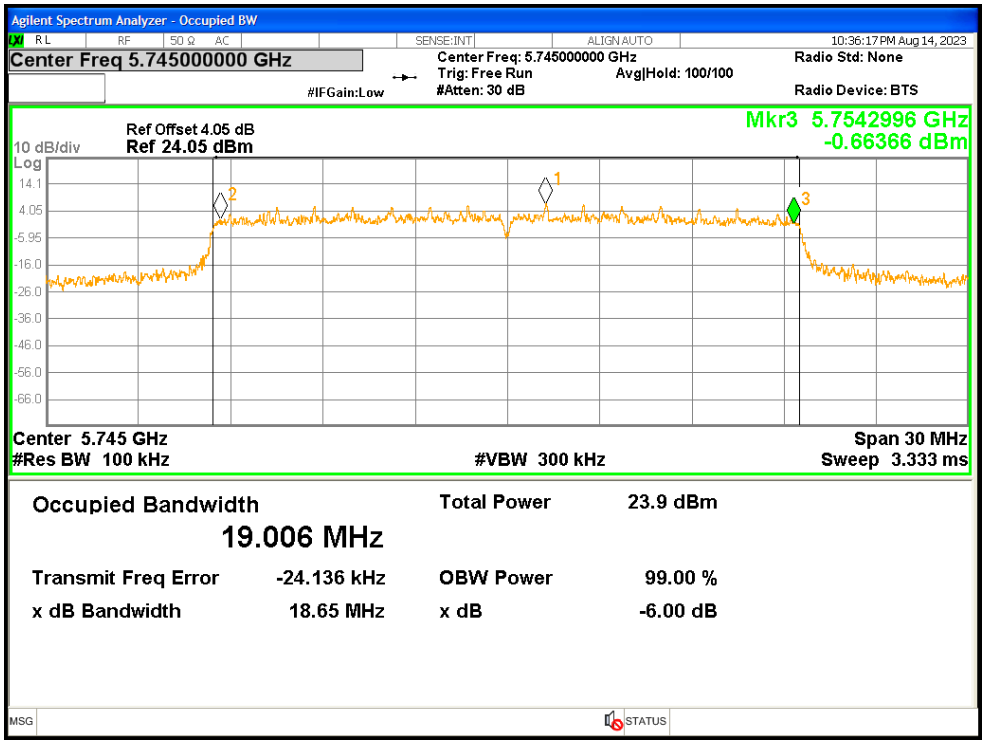
-6dB Bandwidth NVNT ac80 5775MHz Ant3



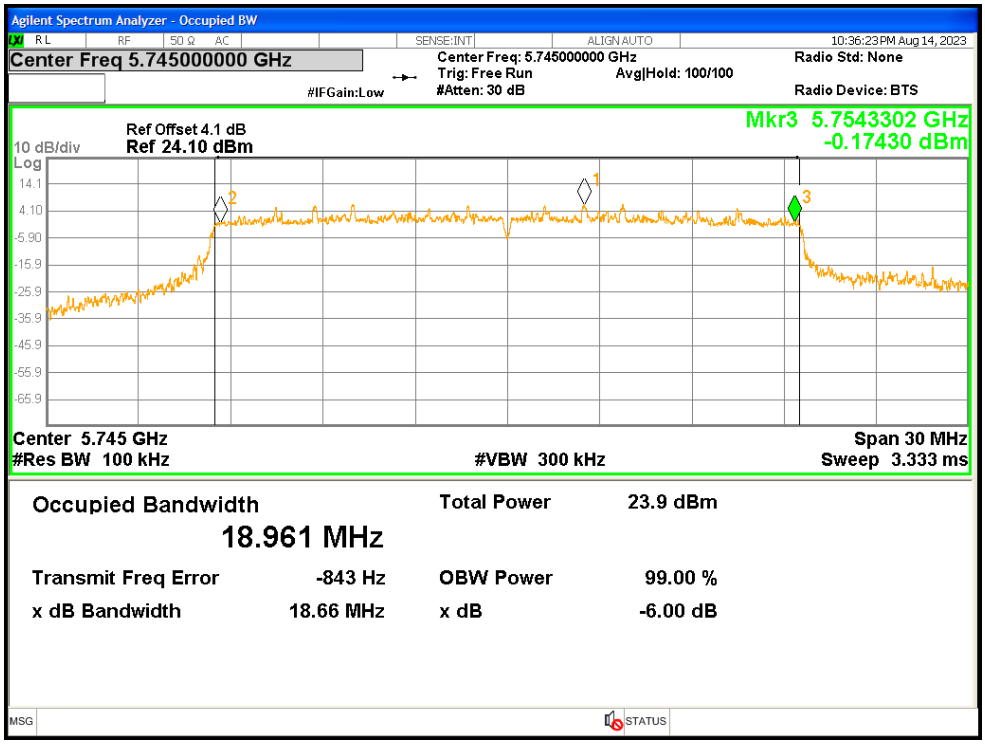
-6dB Bandwidth NVNT ax20 5745MHz Ant1



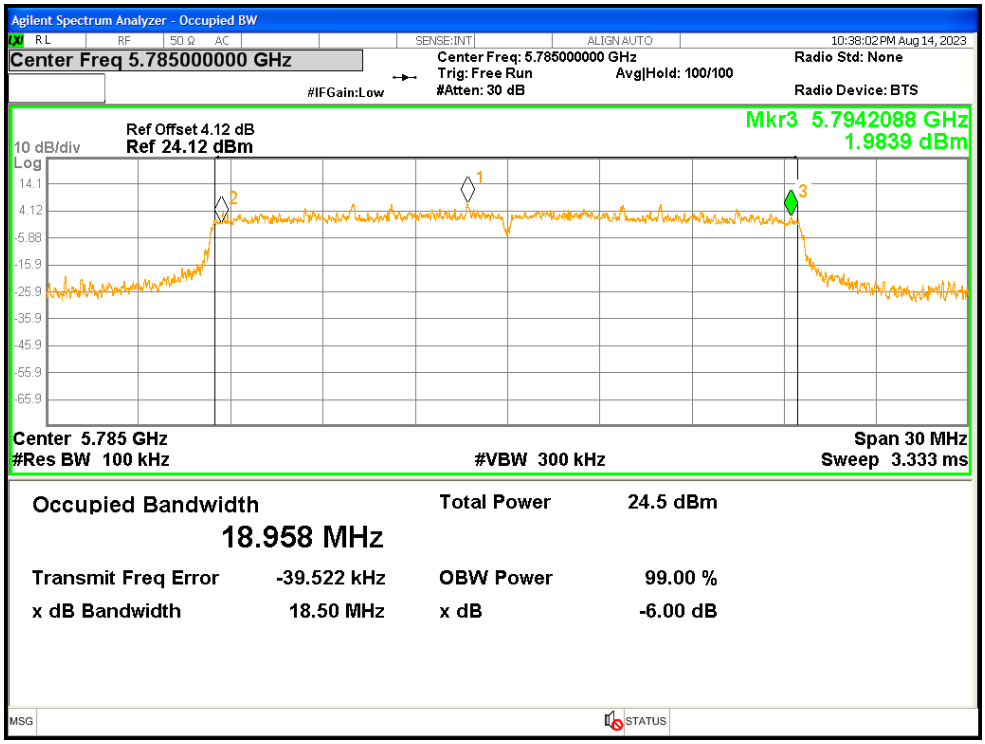
-6dB Bandwidth NVNT ax20 5745MHz Ant2



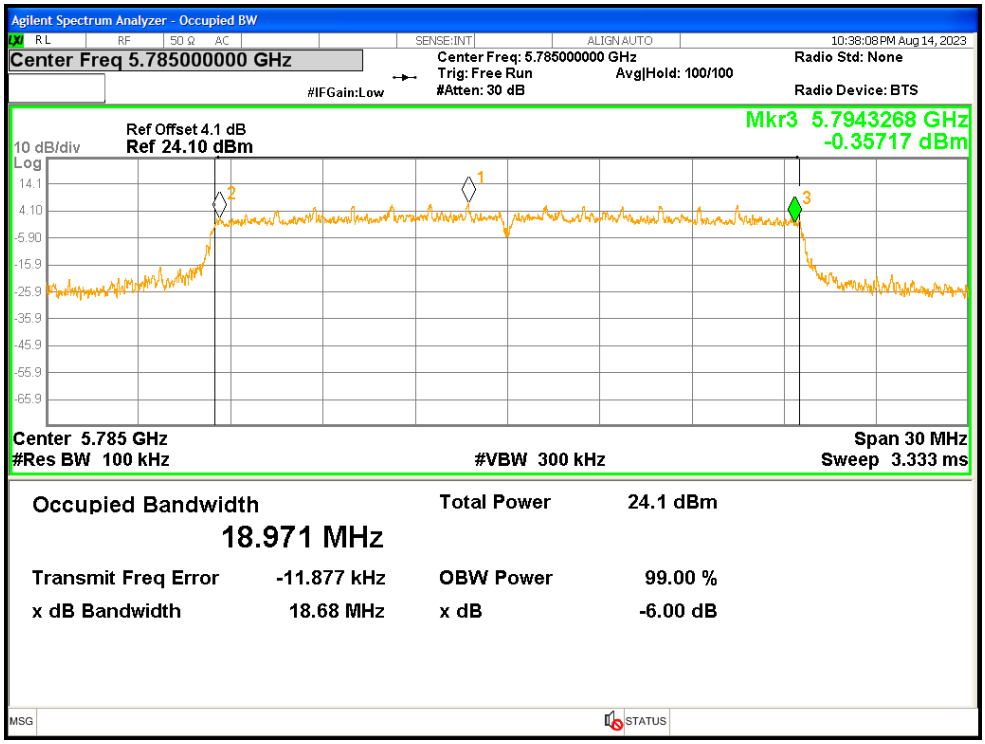
-6dB Bandwidth NVNT ax20 5745MHz Ant3



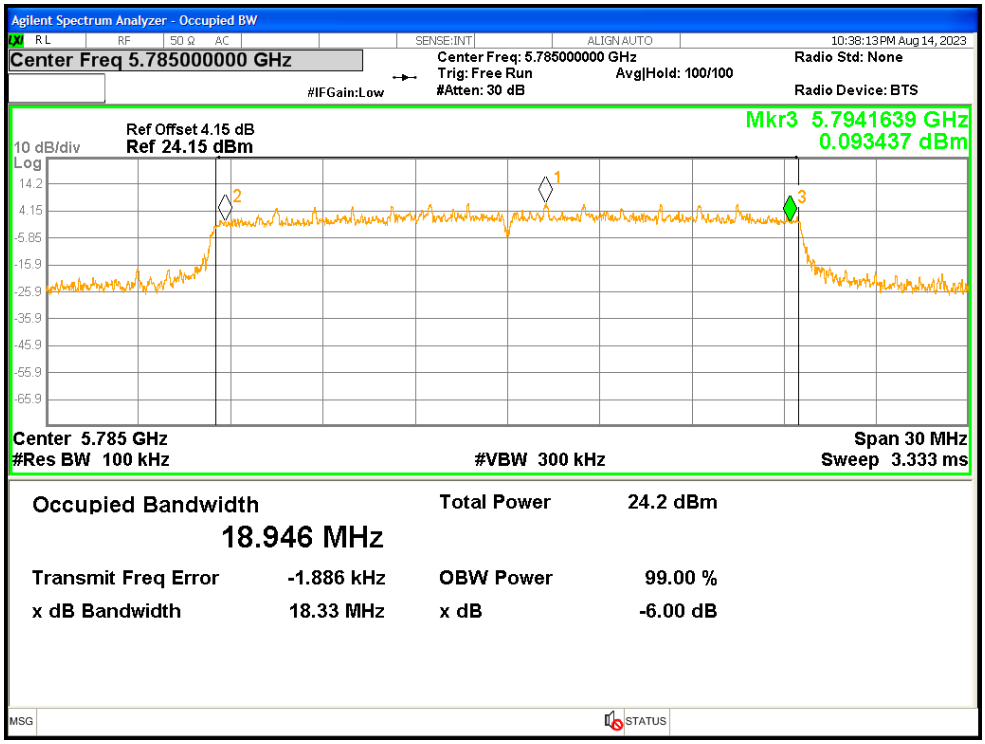
-6dB Bandwidth NVNT ax20 5785MHz Ant1



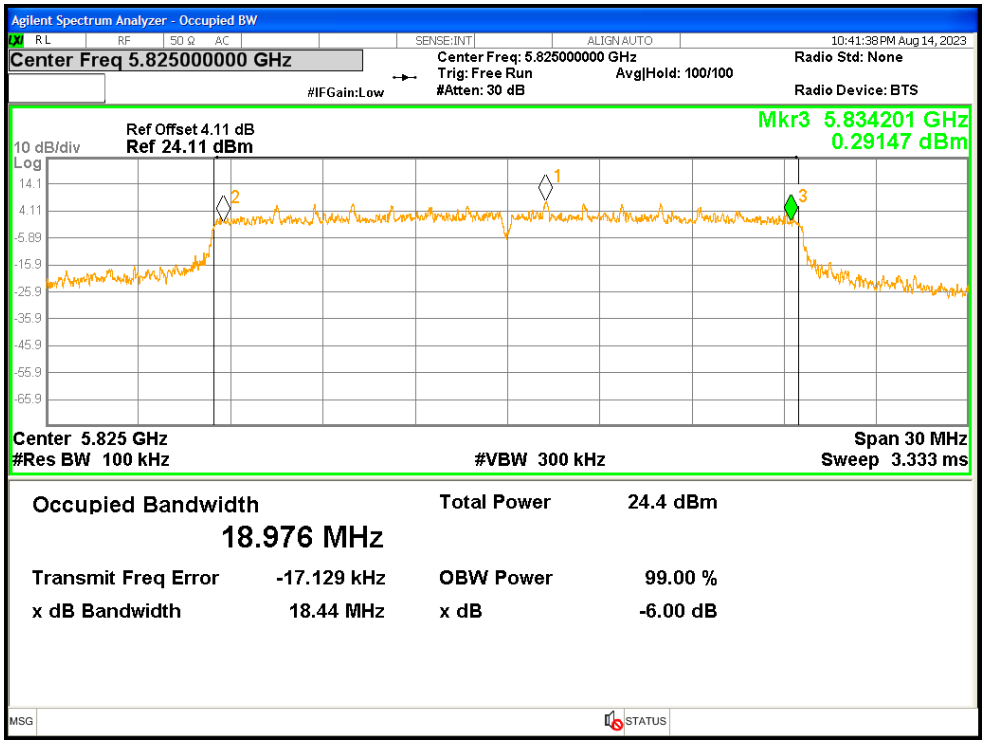
-6dB Bandwidth NVNT ax20 5785MHz Ant2



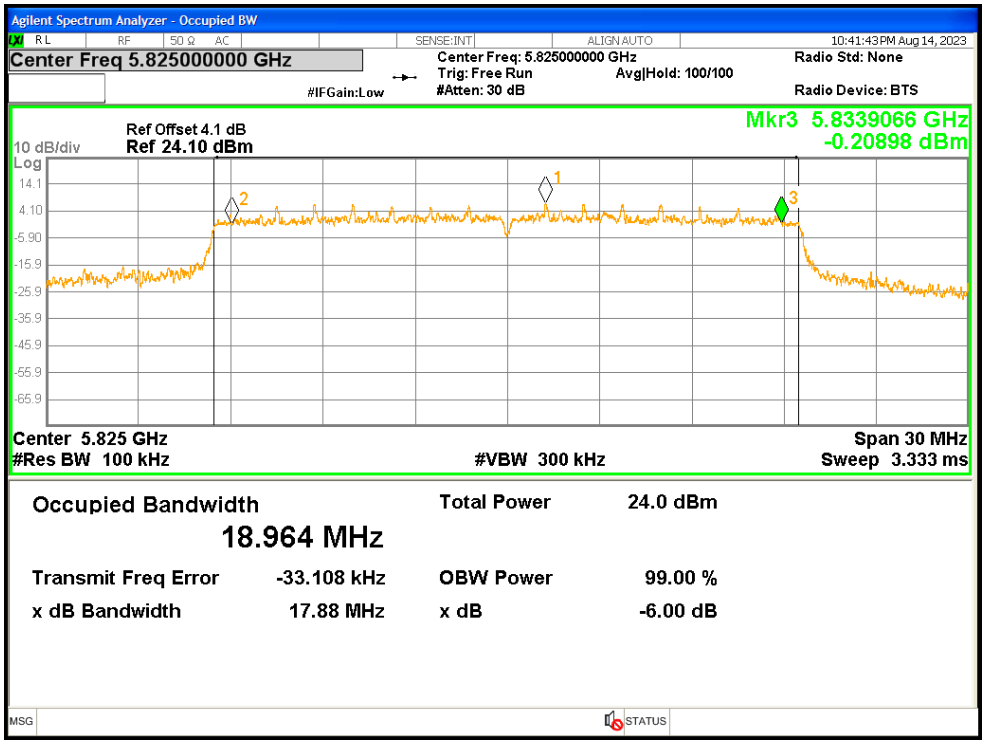
-6dB Bandwidth NVNT ax20 5785MHz Ant3



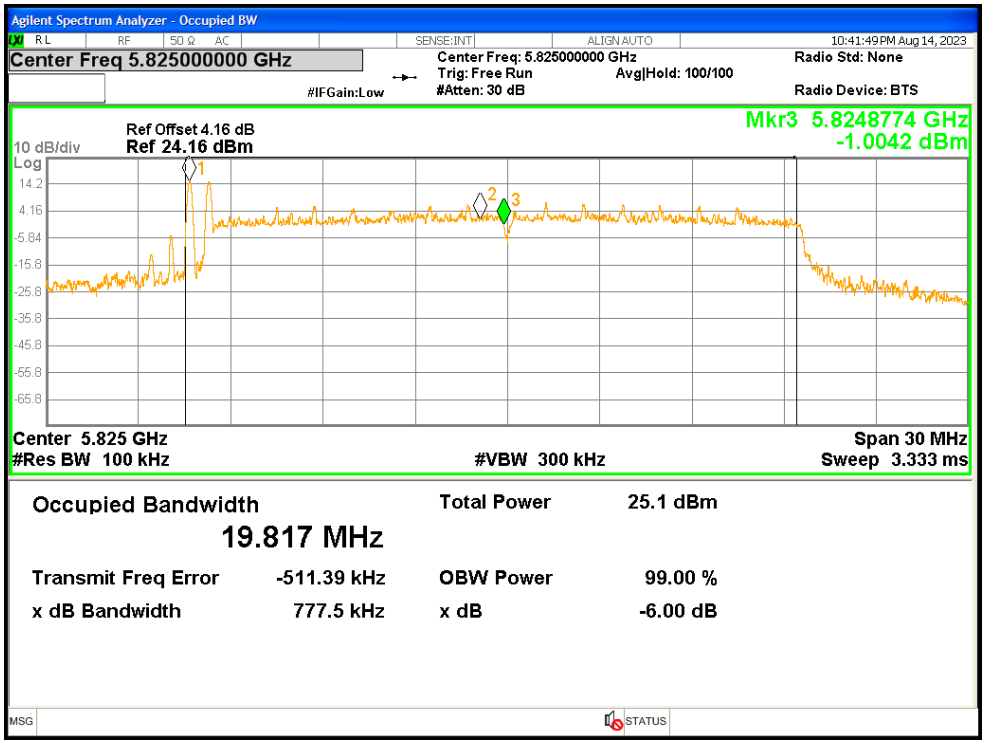
-6dB Bandwidth NVNT ax20 5825MHz Ant1



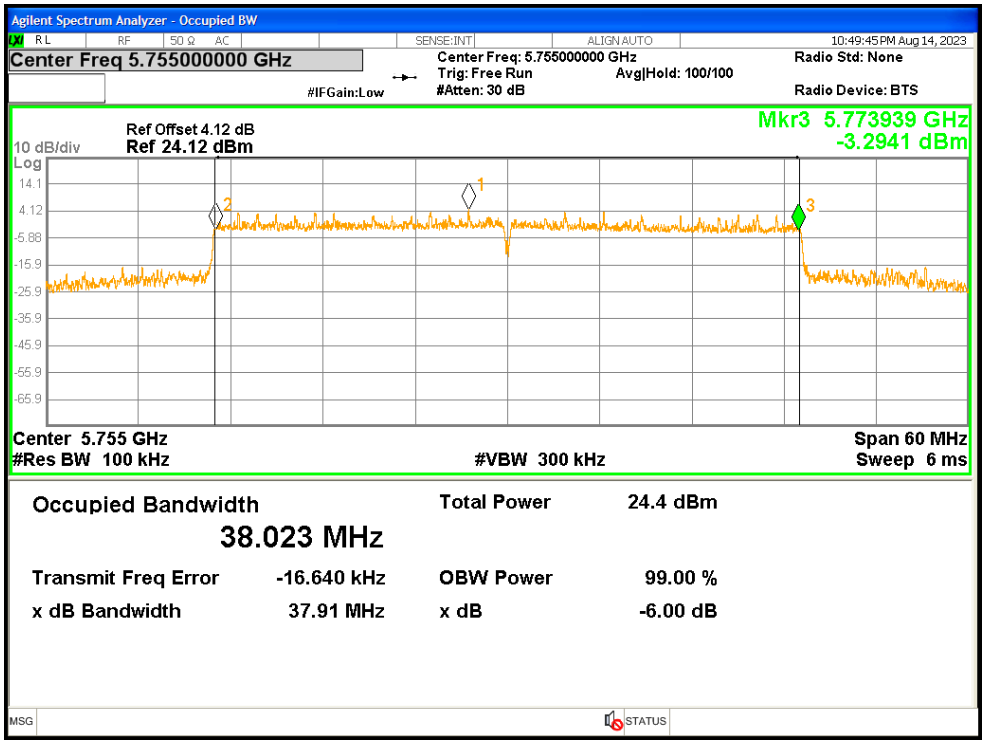
-6dB Bandwidth NVNT ax20 5825MHz Ant2



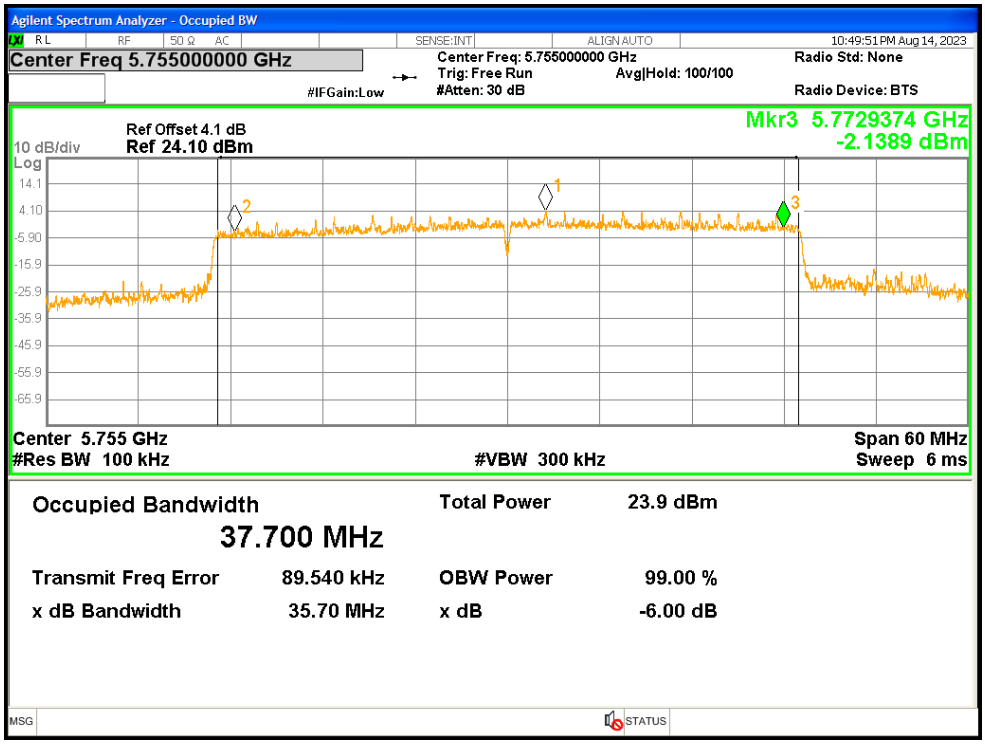
-6dB Bandwidth NVNT ax20 5825MHz Ant3



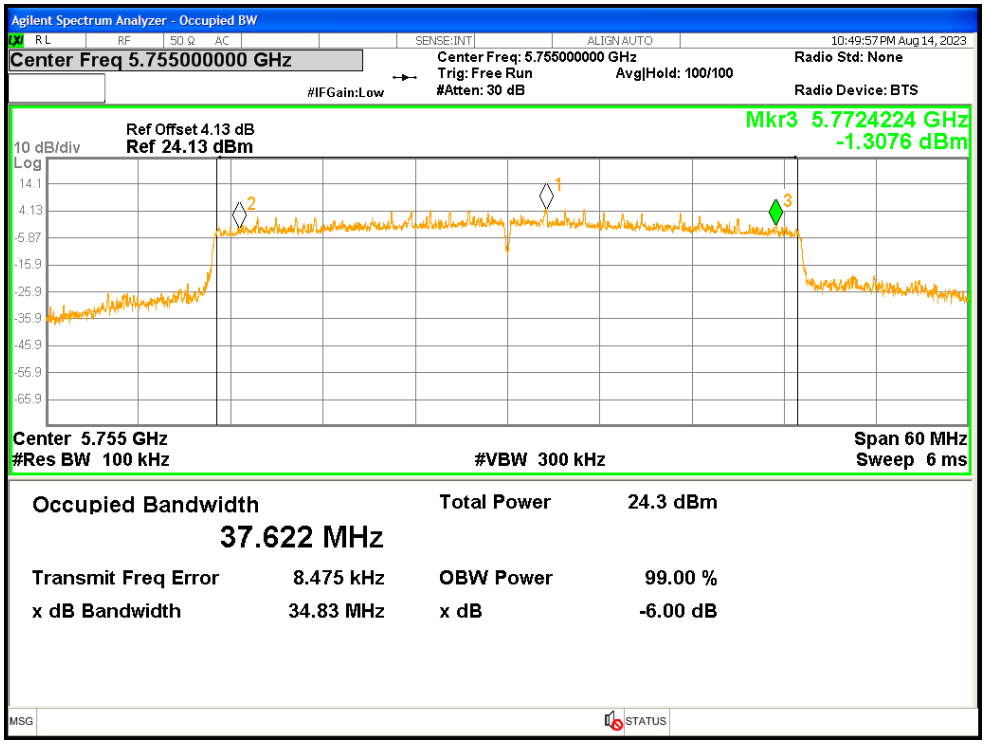
-6dB Bandwidth NVNT ax40 5755MHz Ant1



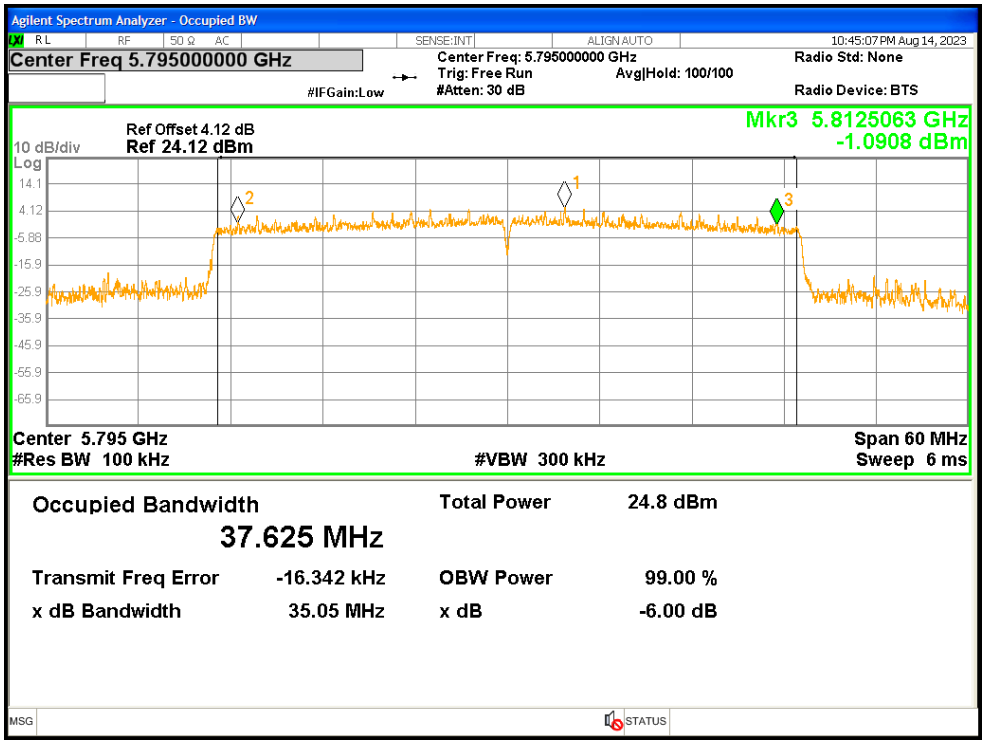
-6dB Bandwidth NVNT ax40 5755MHz Ant2



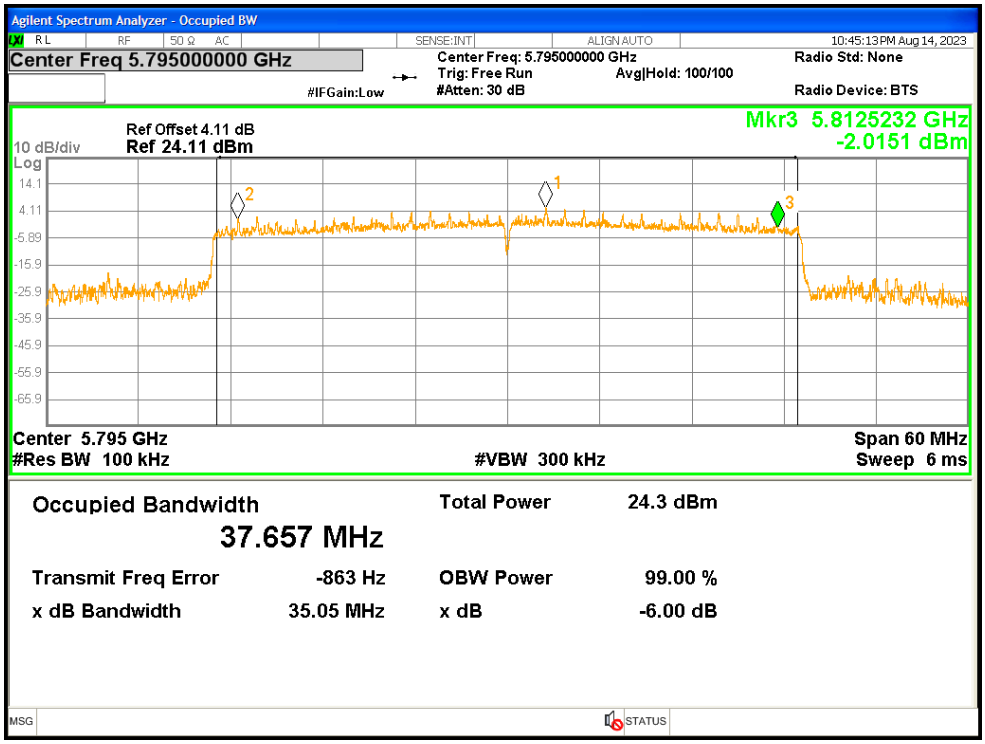
-6dB Bandwidth NVNT ax40 5755MHz Ant3



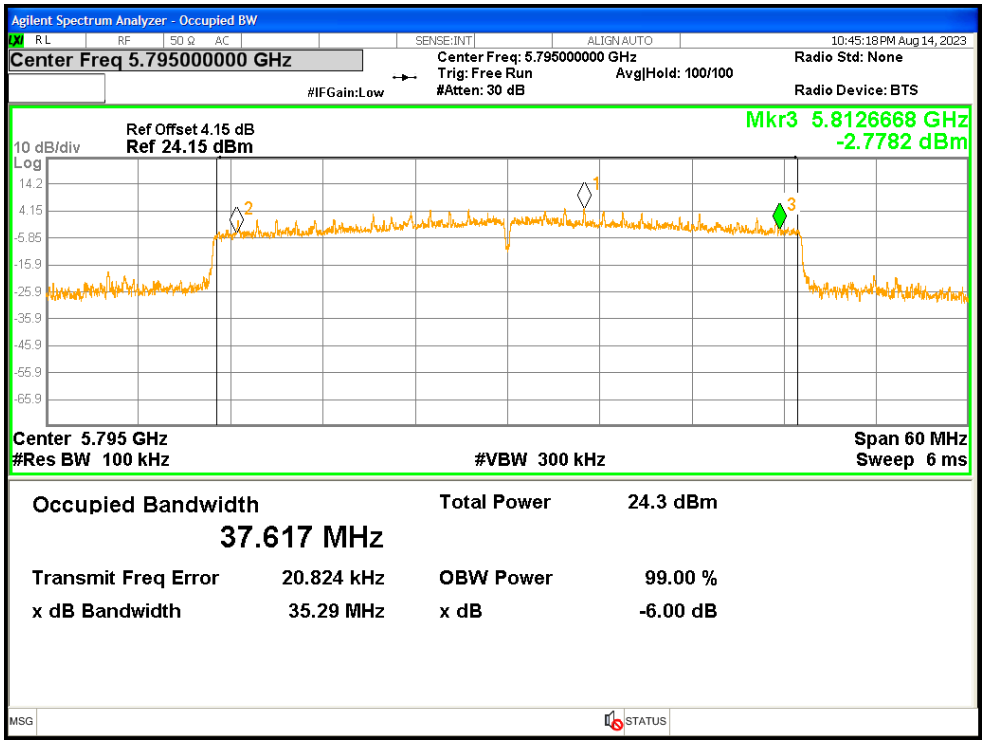
-6dB Bandwidth NVNT ax40 5795MHz Ant1



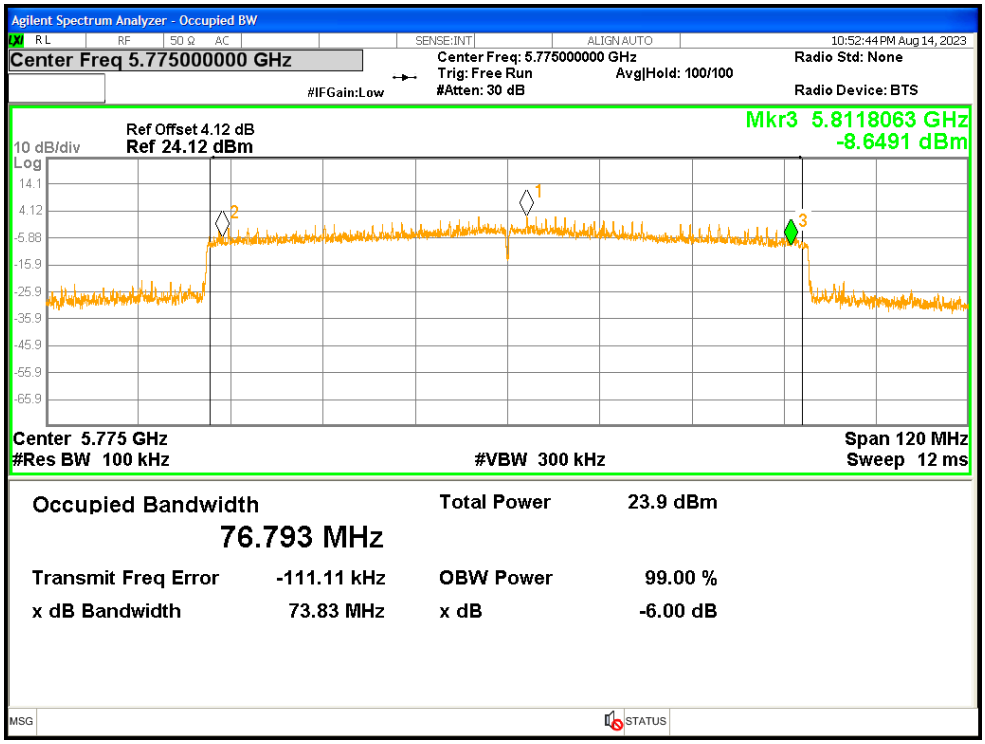
-6dB Bandwidth NVNT ax40 5795MHz Ant2



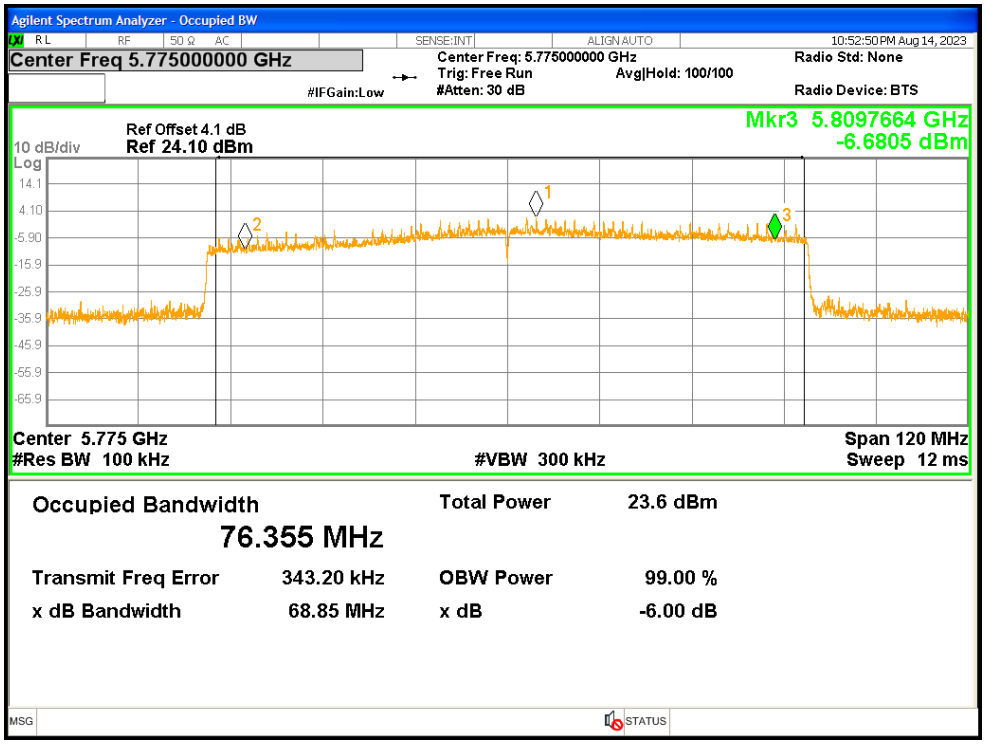
-6dB Bandwidth NVNT ax40 5795MHz Ant3



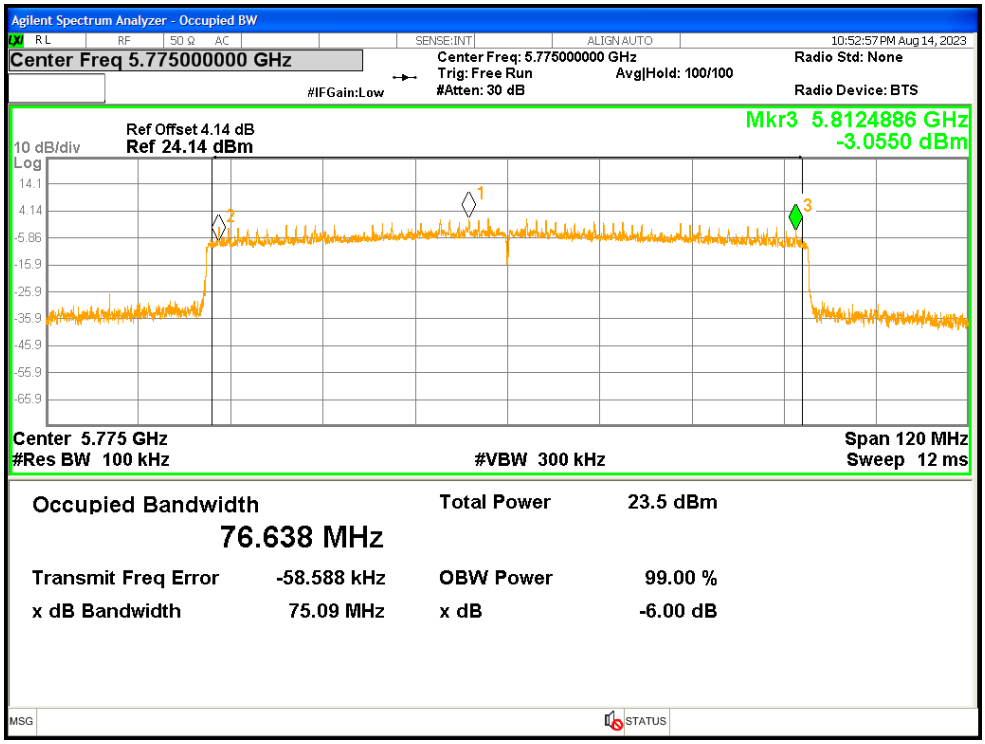
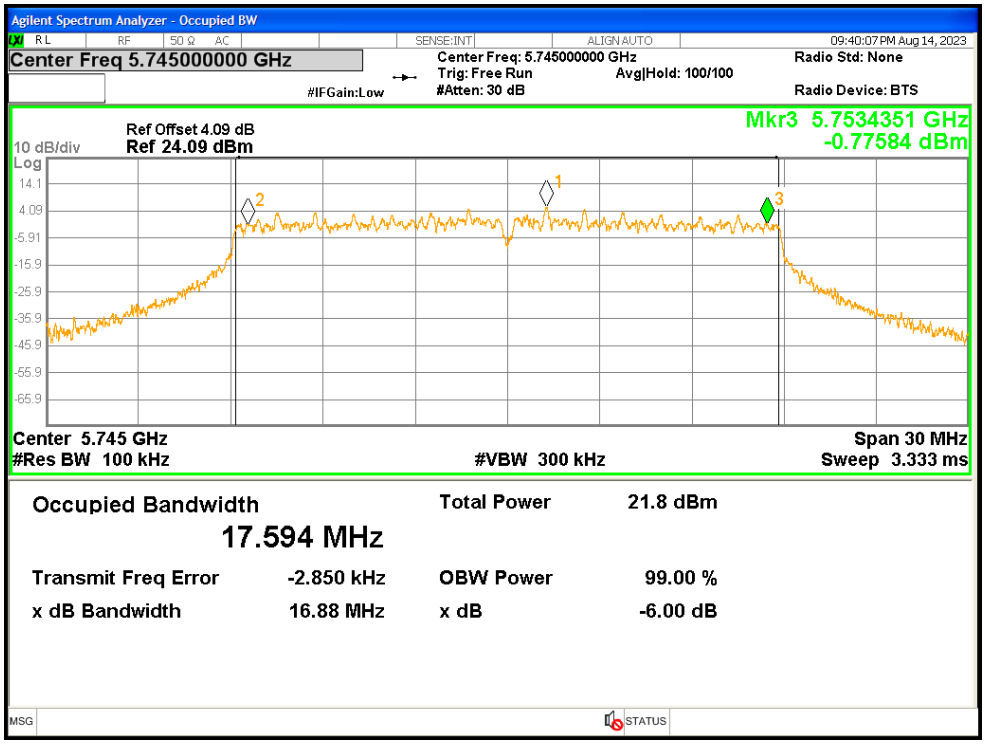
-6dB Bandwidth NVNT ax80 5775MHz Ant1



-6dB Bandwidth NVNT ax80 5775MHz Ant2



-6dB Bandwidth NVNT ax80 5775MHz Ant3



-6dB Bandwidth NVNT n20 5745MHz Ant1