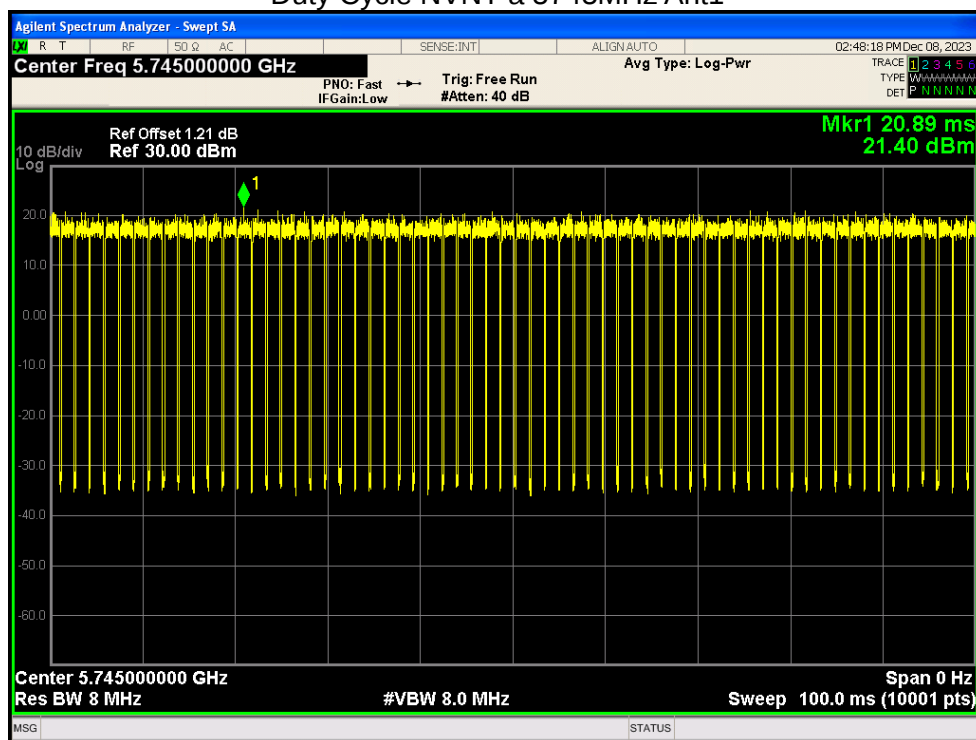


5.8G WIFI

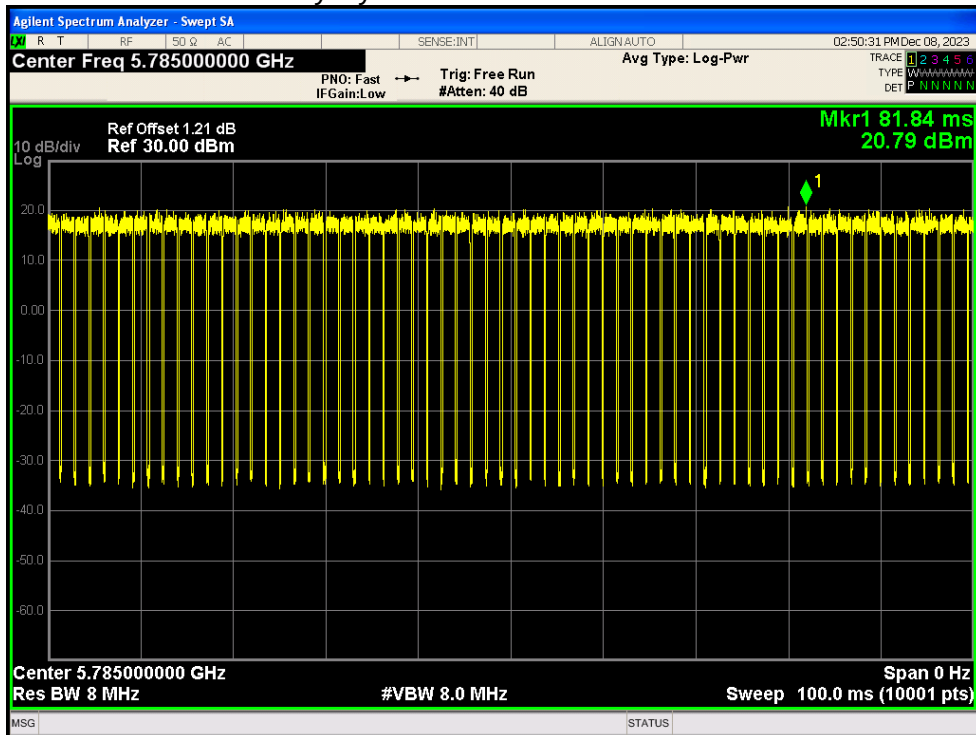
5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	88.74	0.52
NVNT	a	5785	Ant1	88.76	0.52
NVNT	a	5825	Ant1	88.86	0.51
NVNT	ac20	5745	Ant1	87.33	0.59
NVNT	ac20	5785	Ant1	87.31	0.59
NVNT	ac20	5825	Ant1	87.77	0.57
NVNT	ac40	5755	Ant1	77.1	1.13
NVNT	ac40	5795	Ant1	77.53	1.11
NVNT	ac80	5775	Ant1	60.06	2.21
NVNT	n20	5745	Ant1	52.16	2.83
NVNT	n20	5785	Ant1	87.19	0.6
NVNT	n20	5825	Ant1	87.17	0.6
NVNT	n40	5755	Ant1	77.08	1.13
NVNT	n40	5795	Ant1	77.06	1.13

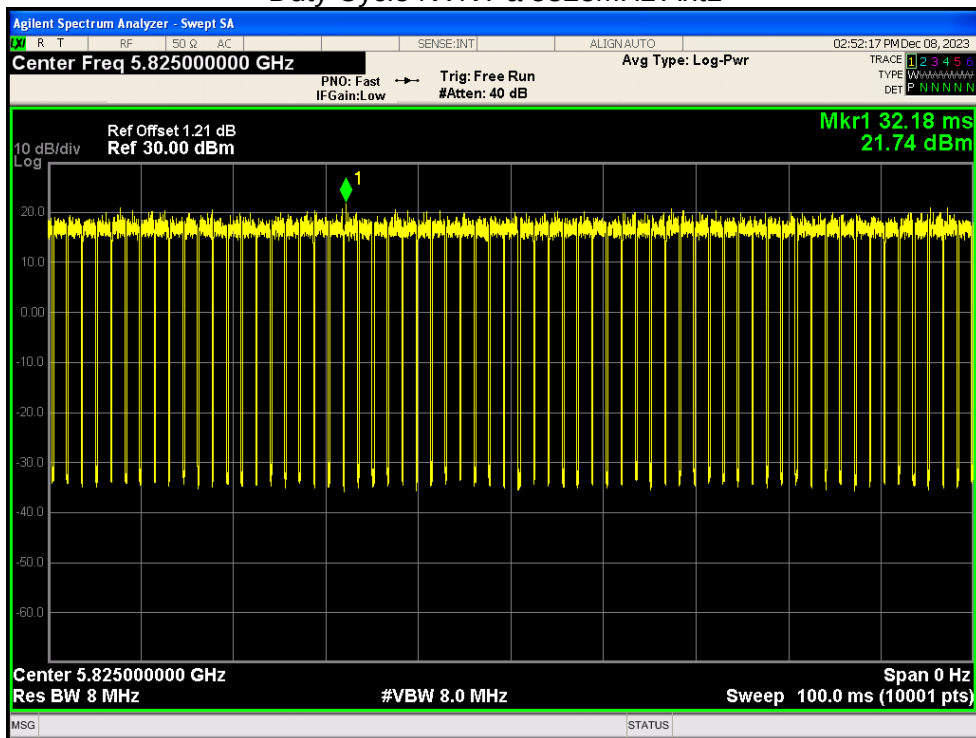
Duty Cycle NVNT a 5745MHz Ant1



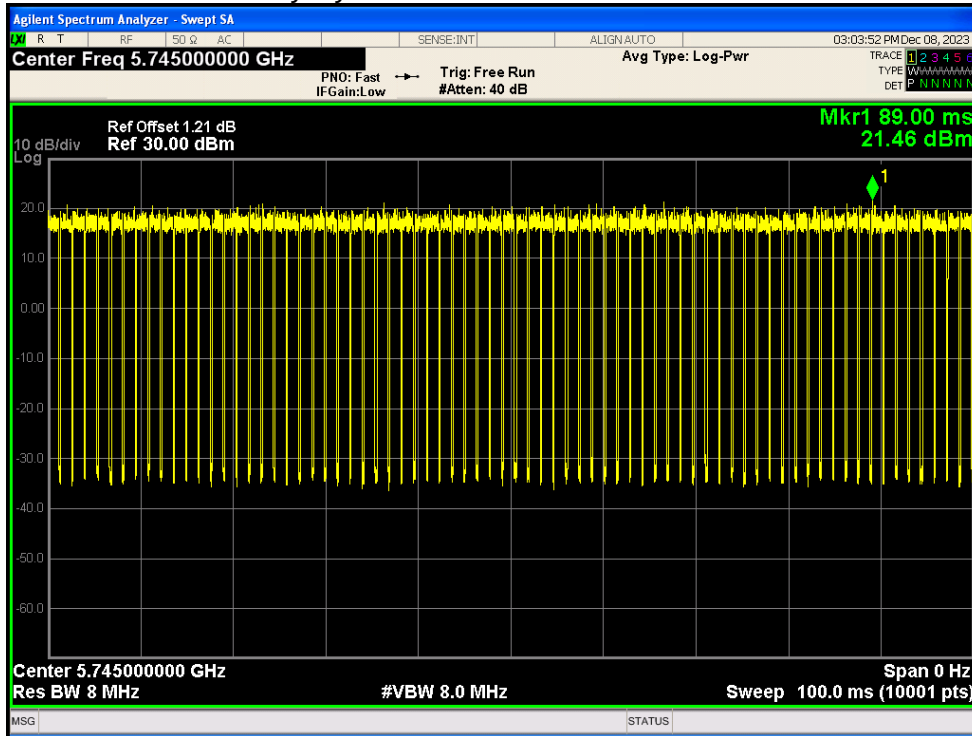
Duty Cycle NVNT a 5785MHz Ant1



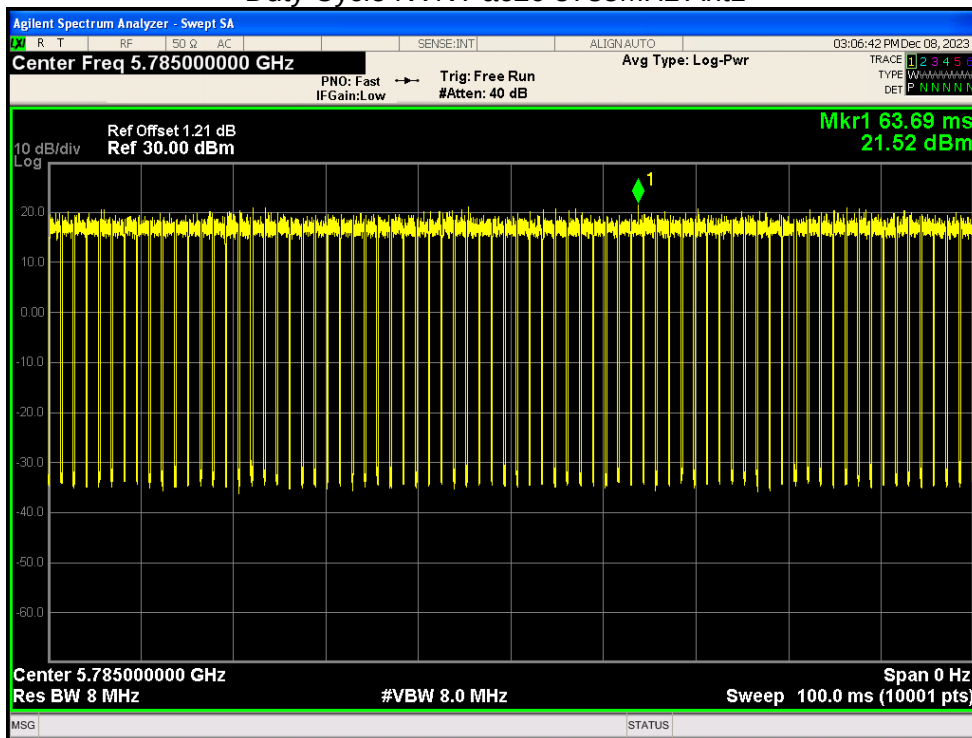
Duty Cycle NVNT a 5825MHz Ant1



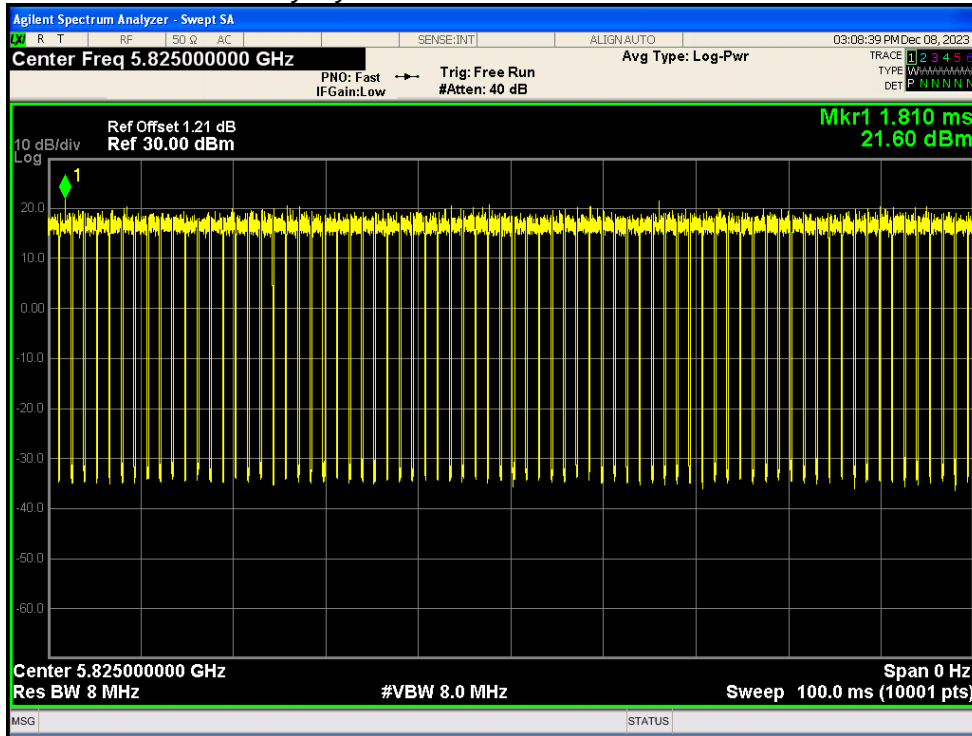
Duty Cycle NVNT ac20 5745MHz Ant1



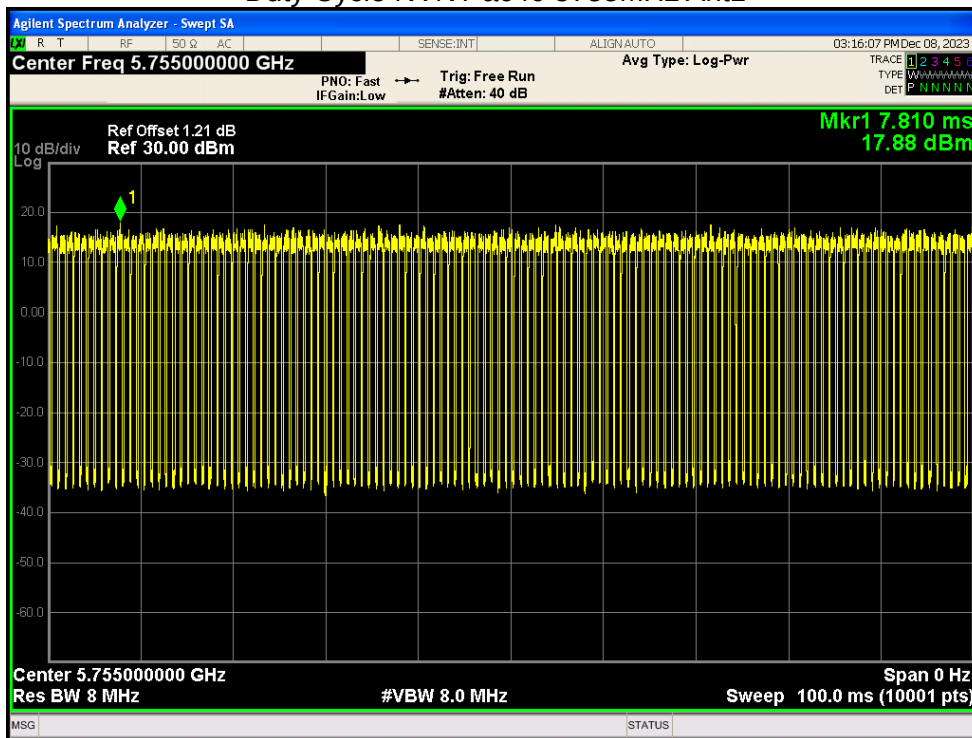
Duty Cycle NVNT ac20 5785MHz Ant1



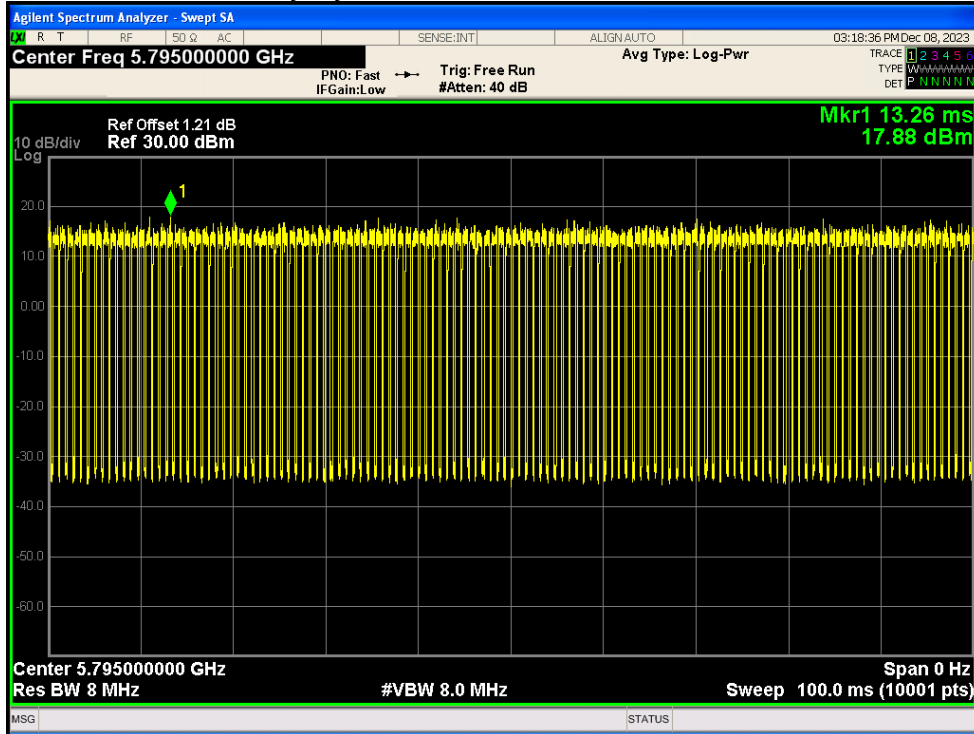
Duty Cycle NVNT ac20 5825MHz Ant1



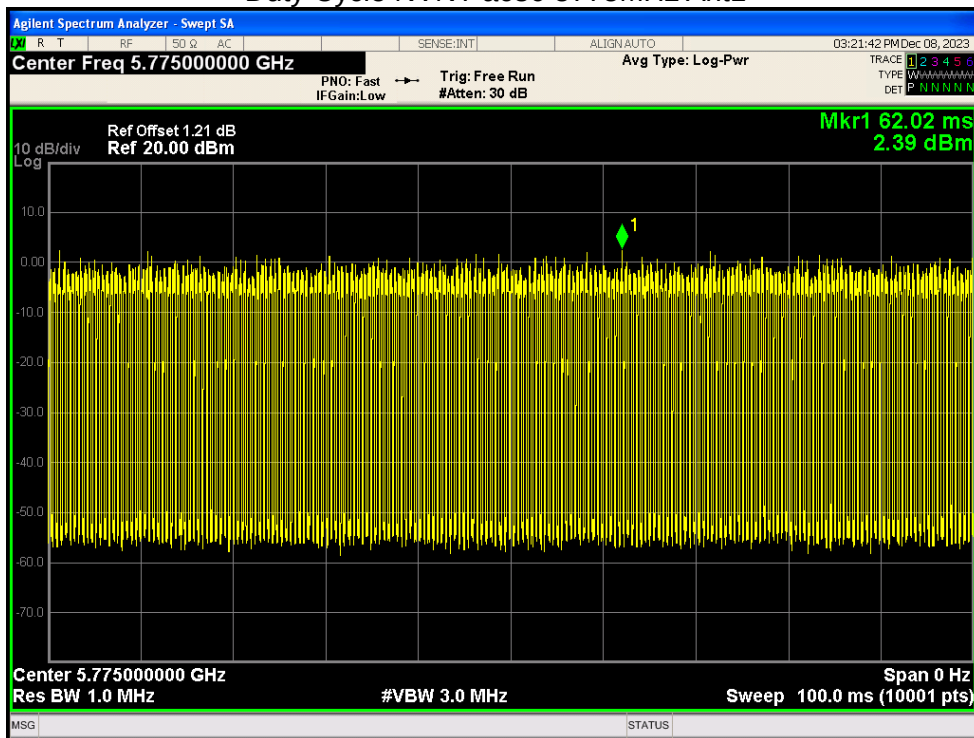
Duty Cycle NVNT ac40 5755MHz Ant1



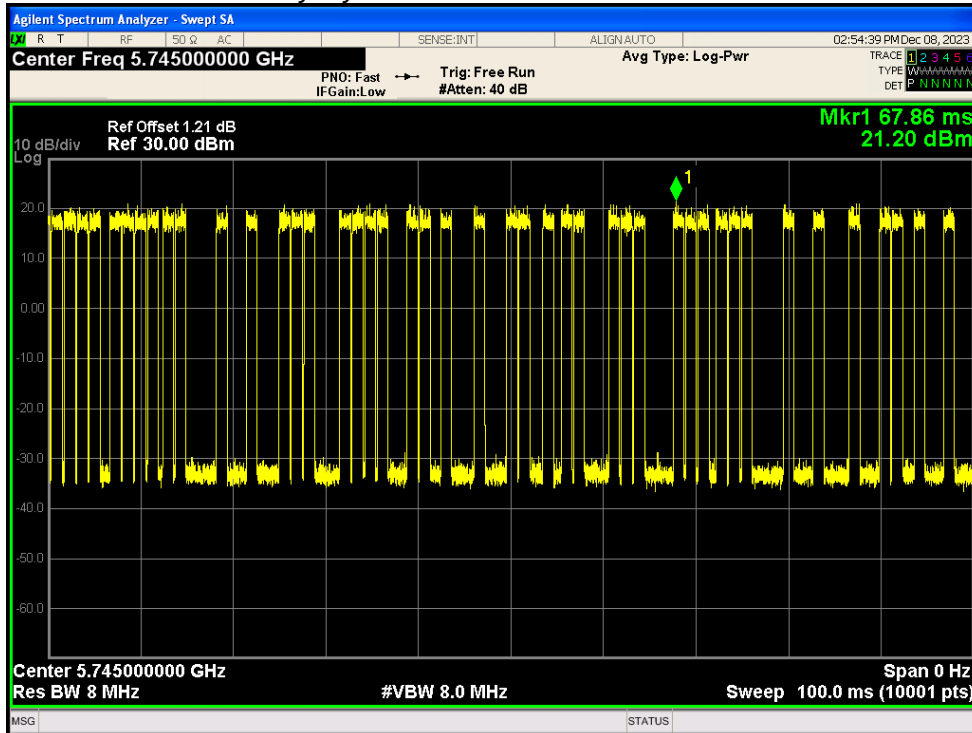
Duty Cycle NVNT ac40 5795MHz Ant1



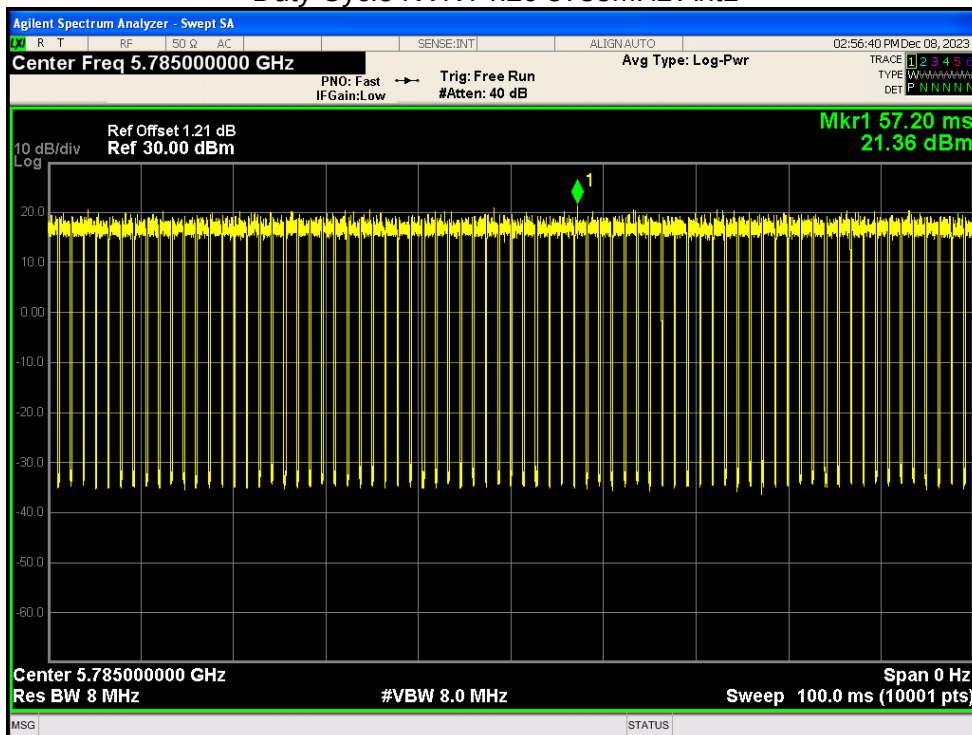
Duty Cycle NVNT ac80 5775MHz Ant1



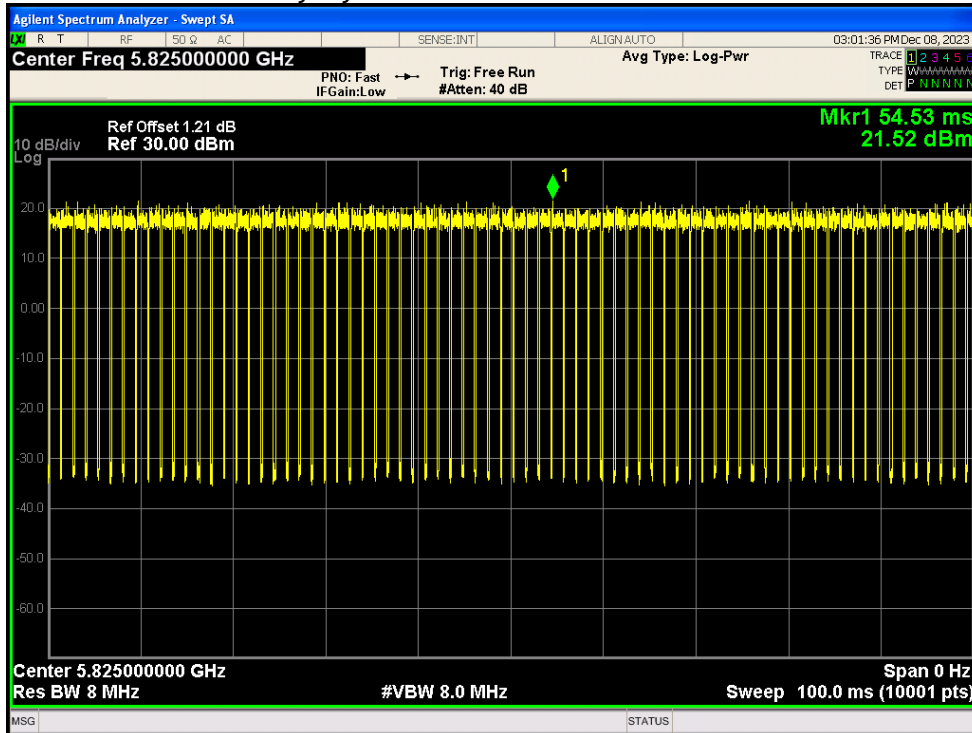
Duty Cycle NVNT n20 5745MHz Ant1



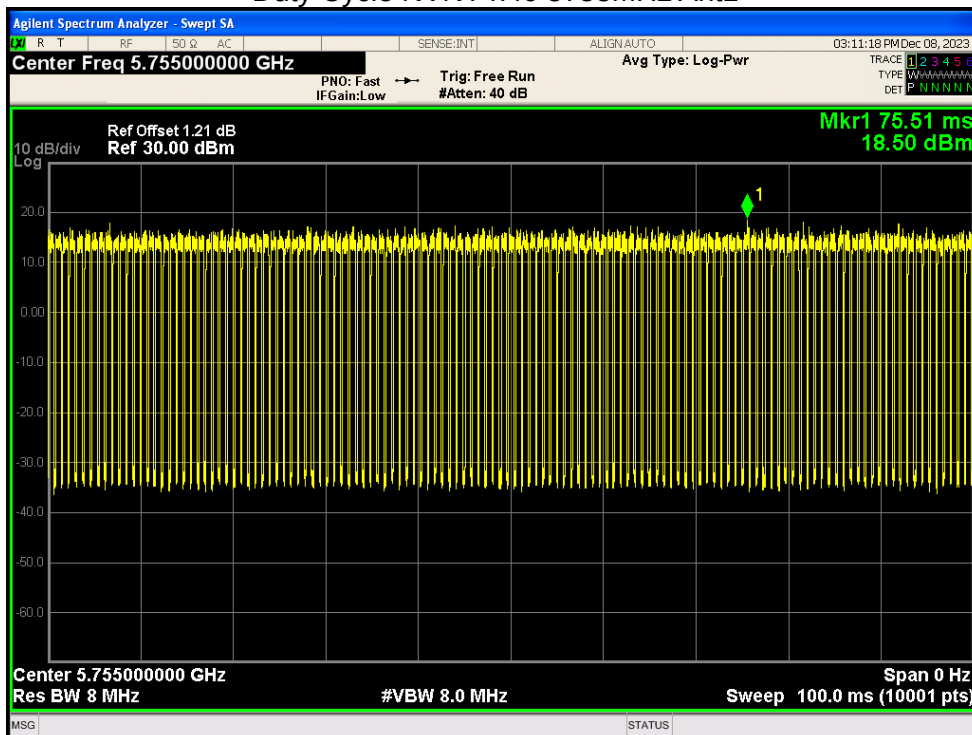
Duty Cycle NVNT n20 5785MHz Ant1



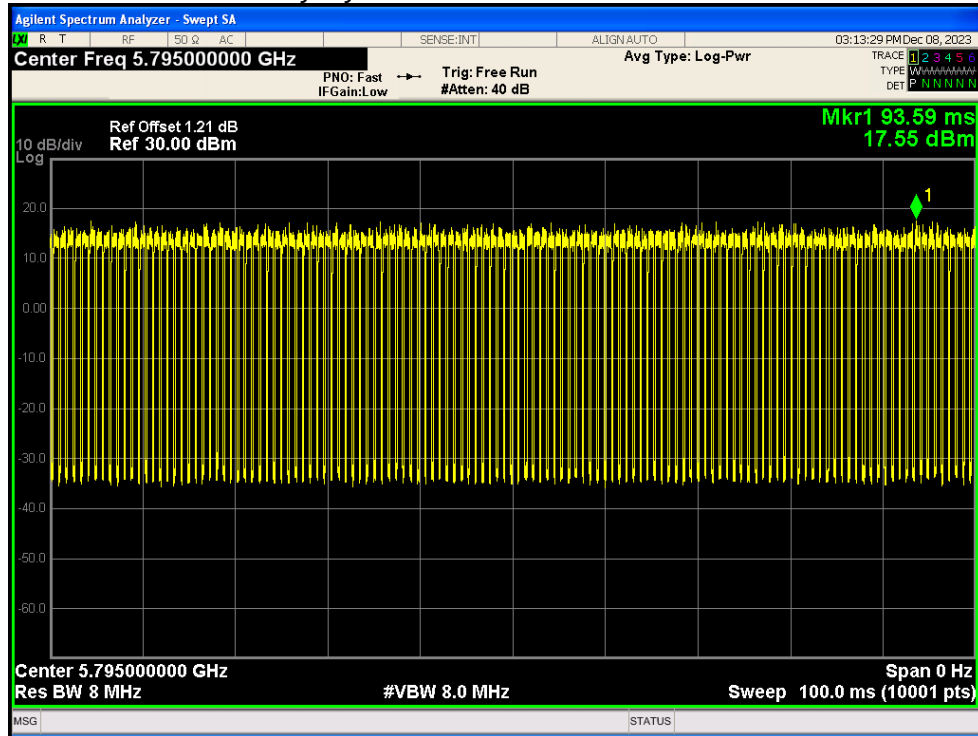
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



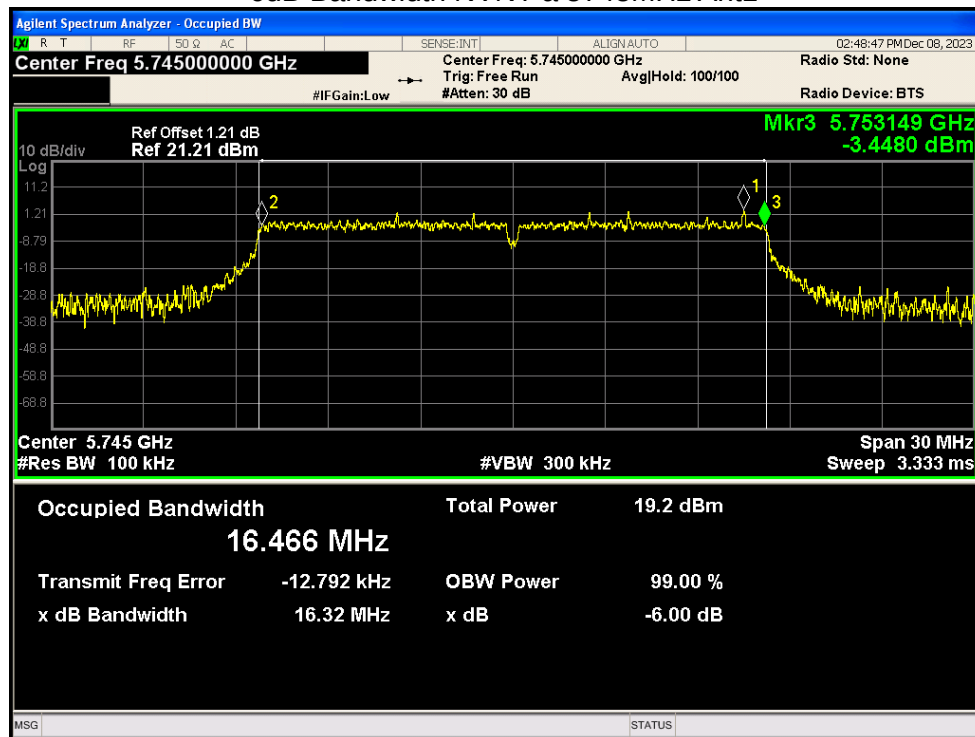
5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	13.125	0.52	13.645	30	Pass
NVNT	a	5785	Ant1	12.69	0.52	13.21	30	Pass
NVNT	a	5825	Ant1	12.512	0.51	13.022	30	Pass
NVNT	ac20	5745	Ant1	13.008	0.59	13.598	30	Pass
NVNT	ac20	5785	Ant1	12.881	0.59	13.471	30	Pass
NVNT	ac20	5825	Ant1	12.576	0.57	13.146	30	Pass
NVNT	ac40	5755	Ant1	12.774	1.13	13.904	30	Pass
NVNT	ac40	5795	Ant1	12.518	1.11	13.628	30	Pass
NVNT	ac80	5775	Ant1	11.785	2.21	13.995	30	Pass
NVNT	n20	5745	Ant1	11.705	2.83	14.535	30	Pass
NVNT	n20	5785	Ant1	12.713	0.6	13.313	30	Pass
NVNT	n20	5825	Ant1	13.51	0.6	14.11	30	Pass
NVNT	n40	5755	Ant1	12.715	1.13	13.845	30	Pass
NVNT	n40	5795	Ant1	12.59	1.13	13.72	30	Pass

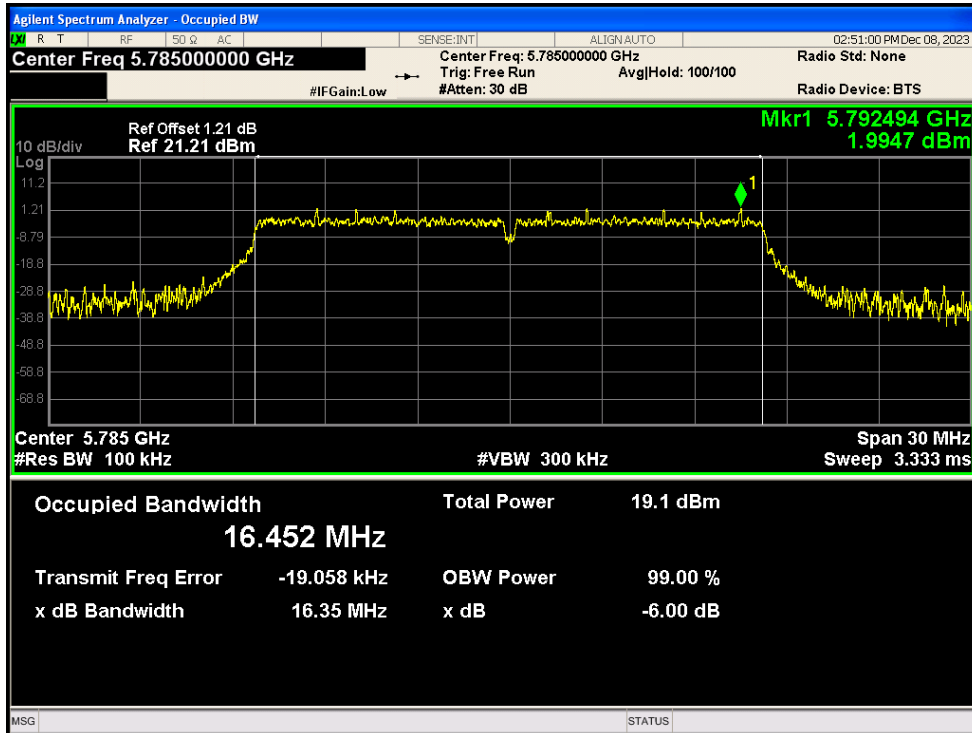
5.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.324	0.5	Pass
NVNT	a	5785	Ant1	16.346	0.5	Pass
NVNT	a	5825	Ant1	16.33	0.5	Pass
NVNT	ac20	5745	Ant1	17.535	0.5	Pass
NVNT	ac20	5785	Ant1	17.55	0.5	Pass
NVNT	ac20	5825	Ant1	17.513	0.5	Pass
NVNT	ac40	5755	Ant1	36.185	0.5	Pass
NVNT	ac40	5795	Ant1	36.236	0.5	Pass
NVNT	ac80	5775	Ant1	75.584	0.5	Pass
NVNT	n20	5745	Ant1	17.524	0.5	Pass
NVNT	n20	5785	Ant1	17.583	0.5	Pass
NVNT	n20	5825	Ant1	17.544	0.5	Pass
NVNT	n40	5755	Ant1	36.057	0.5	Pass
NVNT	n40	5795	Ant1	36.293	0.5	Pass

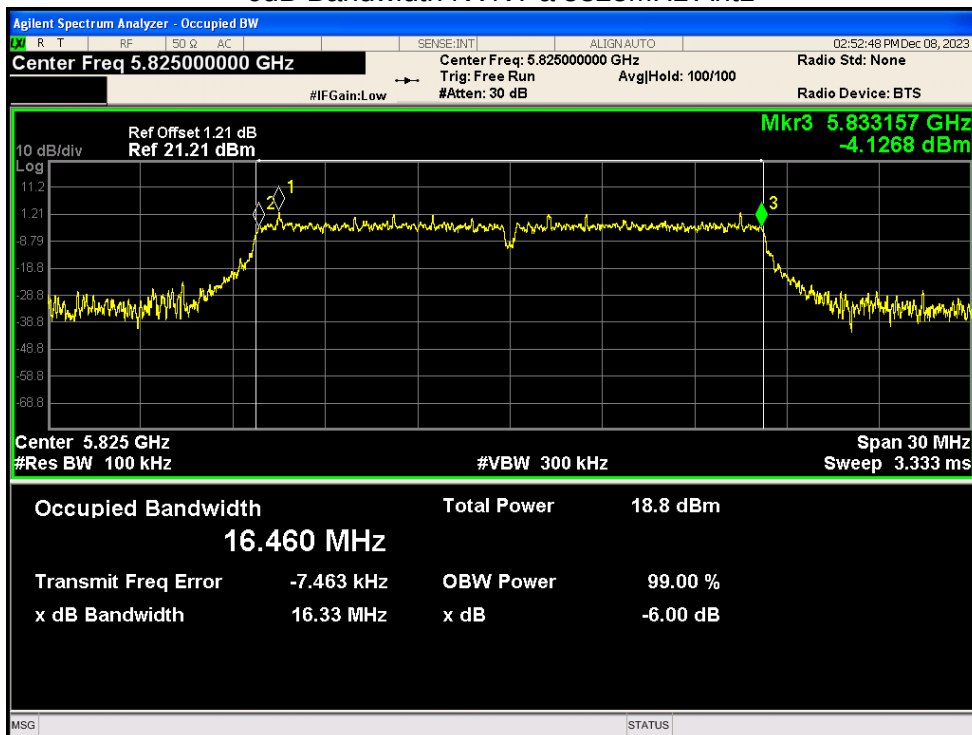
-6dB Bandwidth NVNT a 5745MHz Ant1



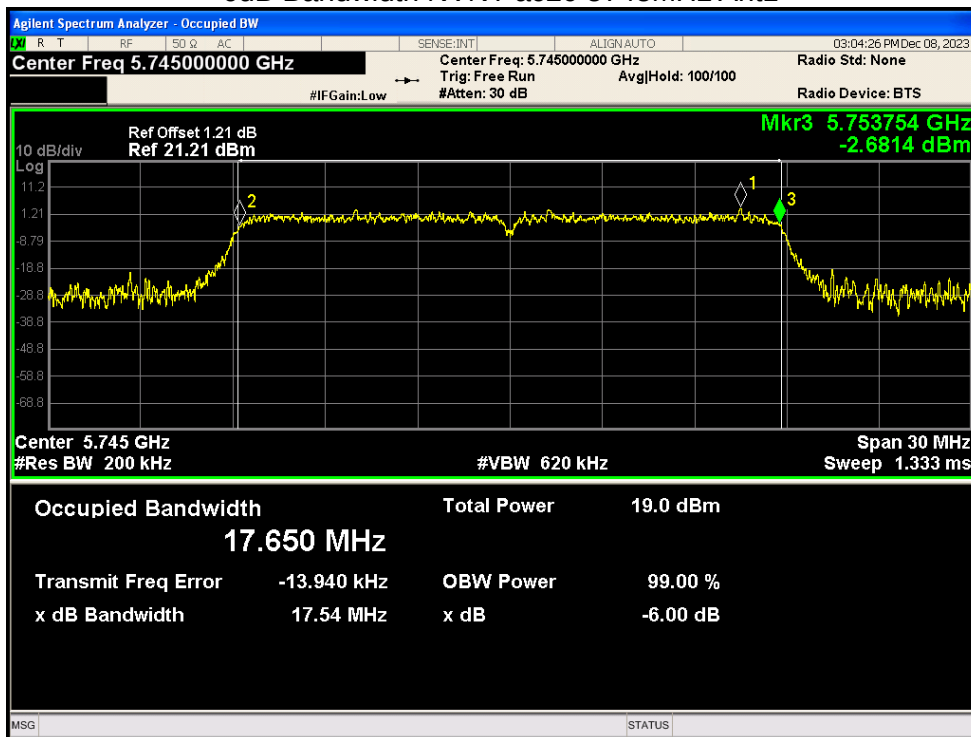
-6dB Bandwidth NVNT a 5785MHz Ant1



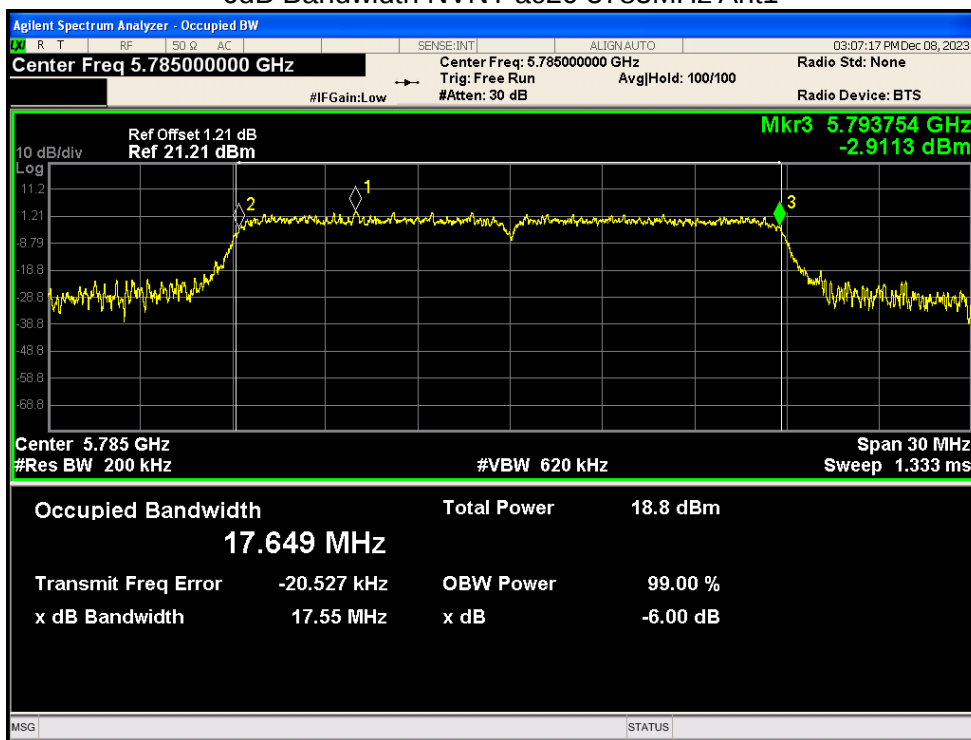
-6dB Bandwidth NVNT a 5825MHz Ant1



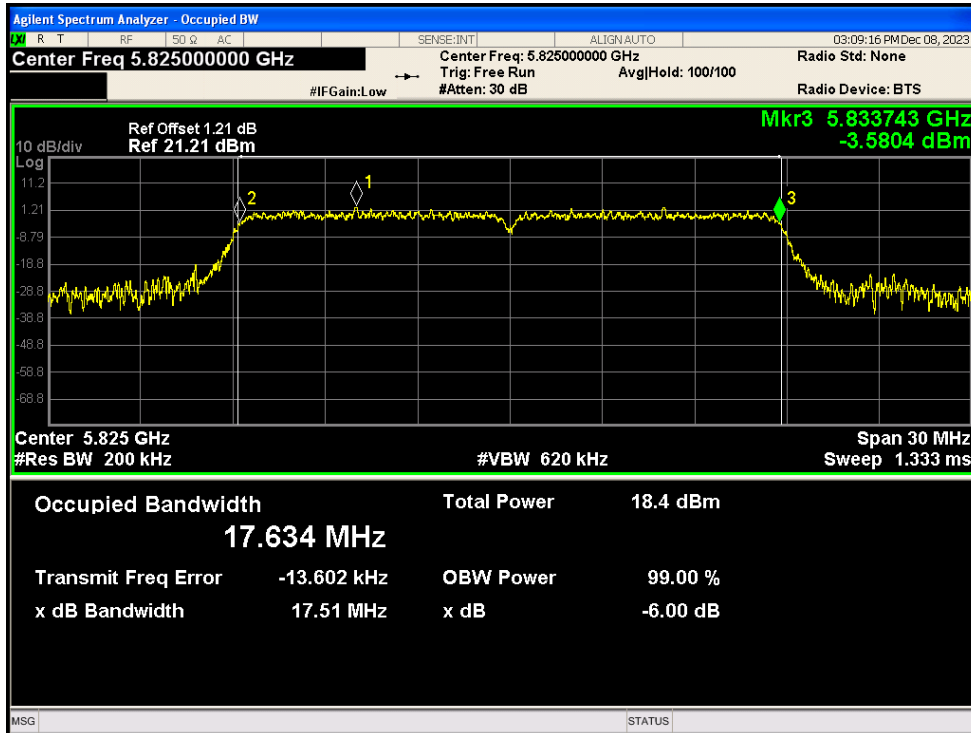
-6dB Bandwidth NVNT ac20 5745MHz Ant1



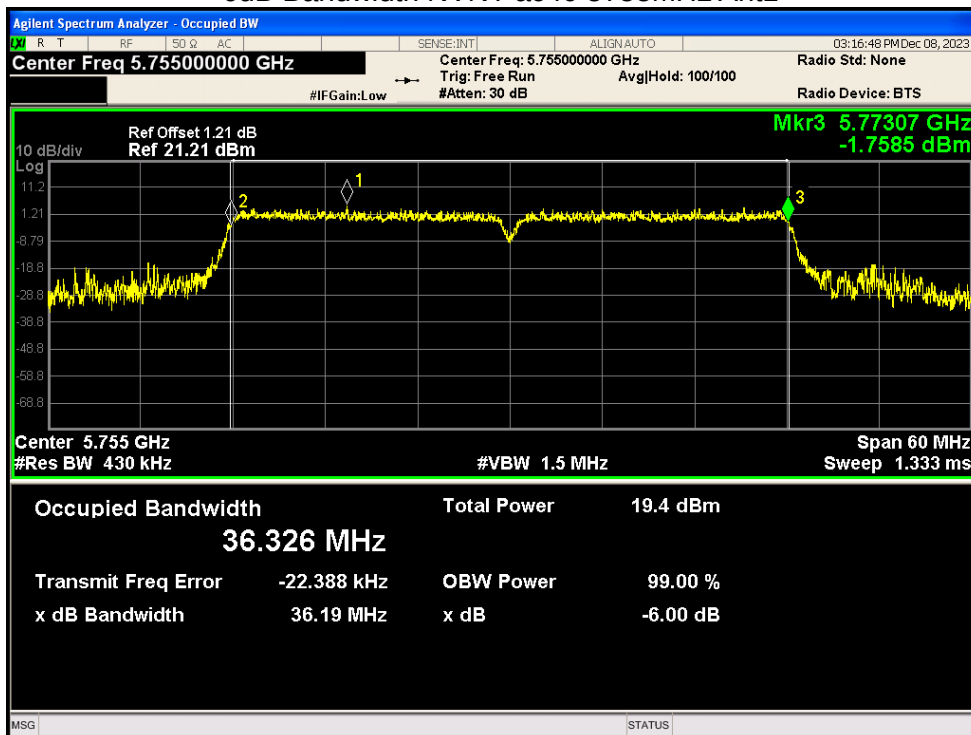
-6dB Bandwidth NVNT ac20 5785MHz Ant1



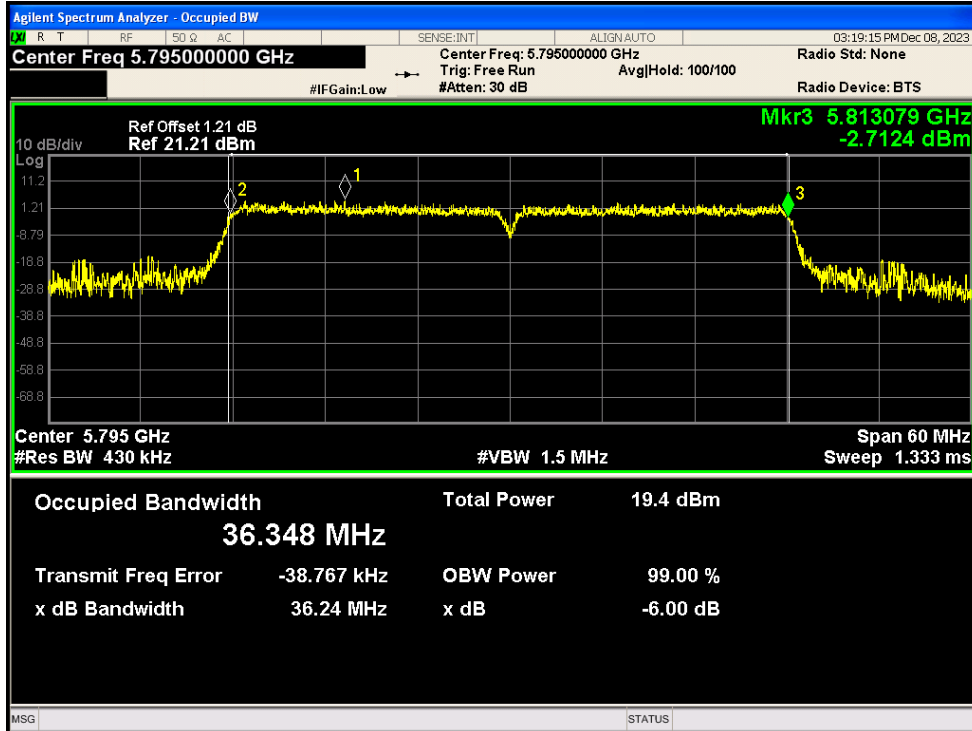
-6dB Bandwidth NVNT ac20 5825MHz Ant1



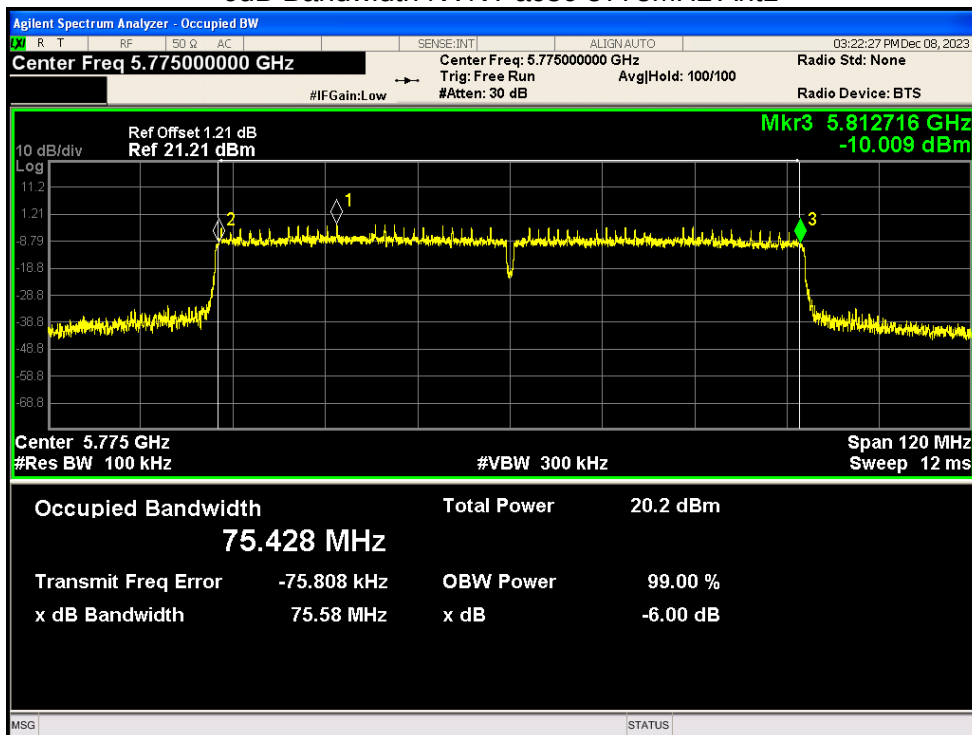
-6dB Bandwidth NVNT ac40 5755MHz Ant1



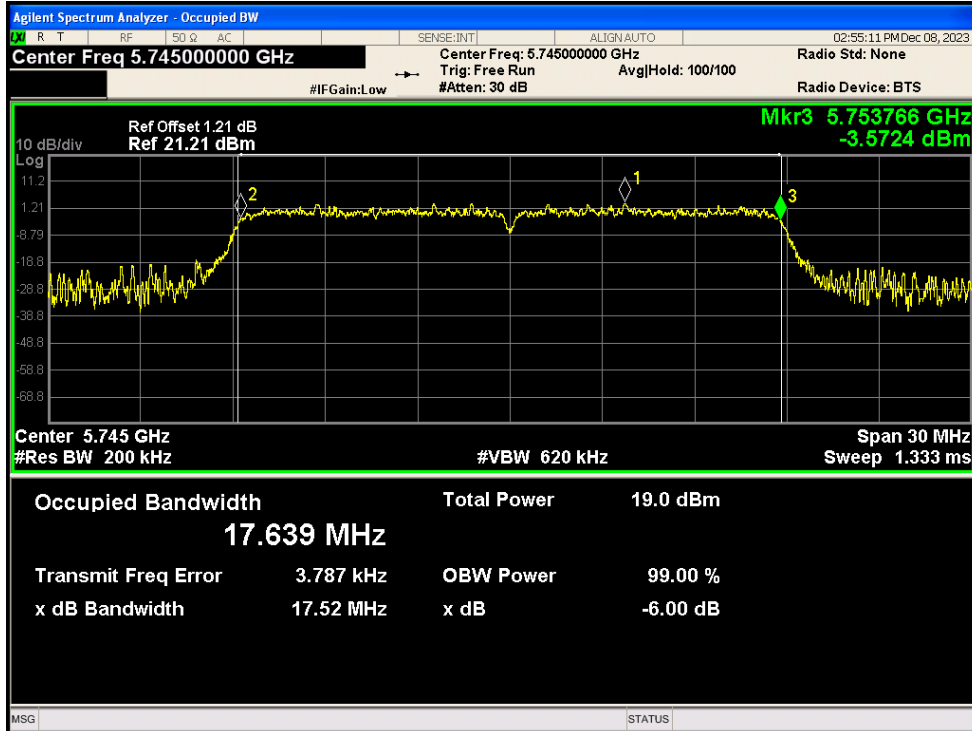
-6dB Bandwidth NVNT ac40 5795MHz Ant1



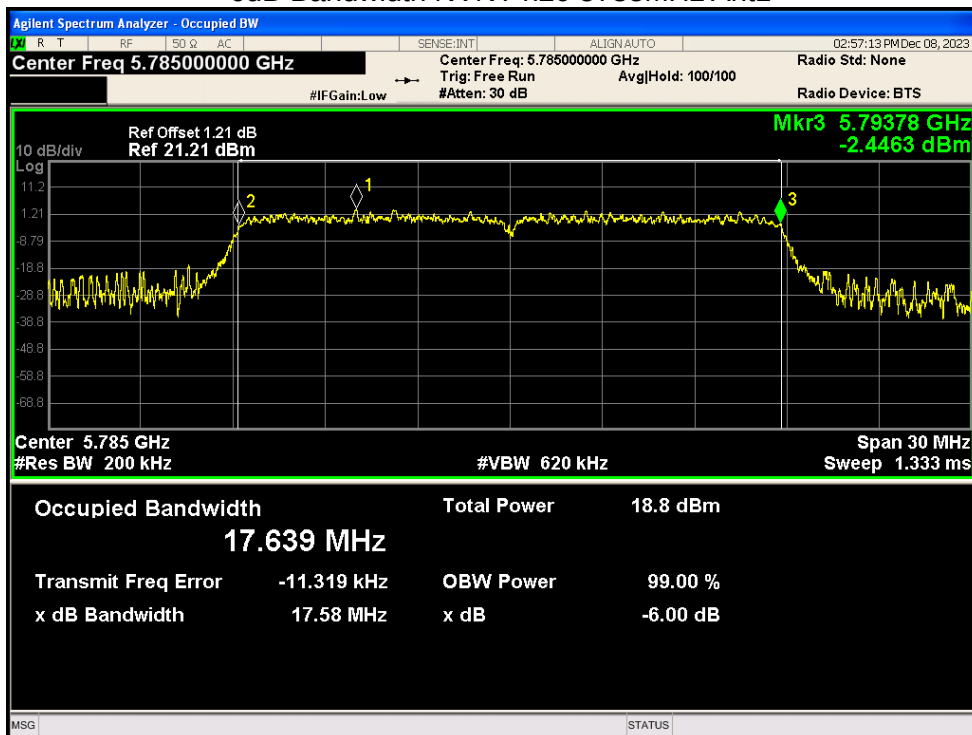
-6dB Bandwidth NVNT ac80 5775MHz Ant1



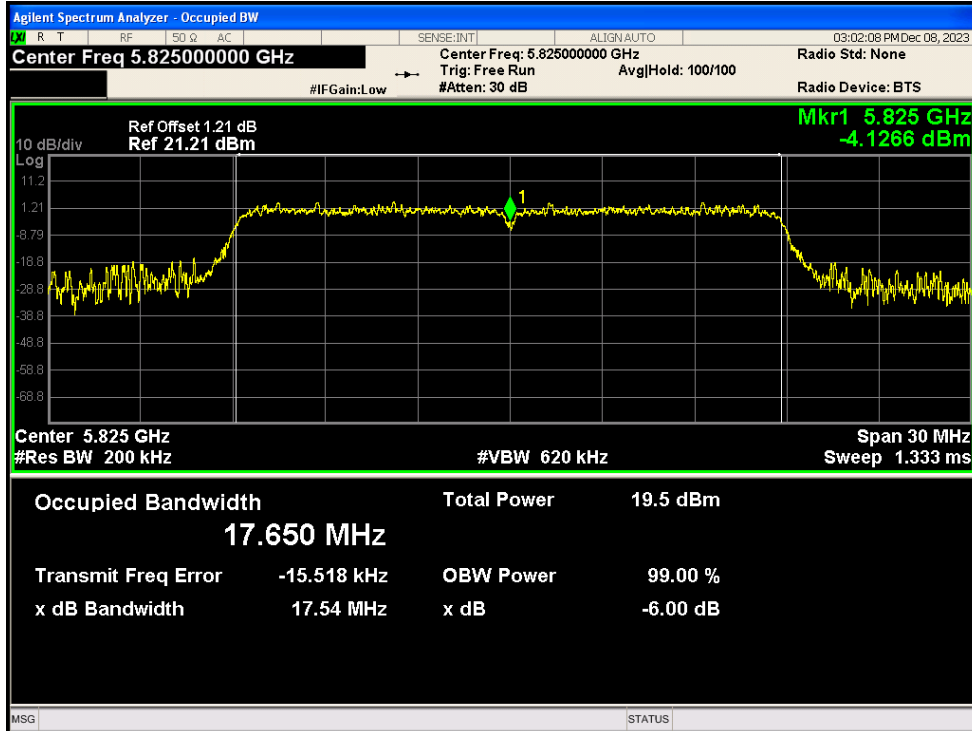
-6dB Bandwidth NVNT n20 5745MHz Ant1



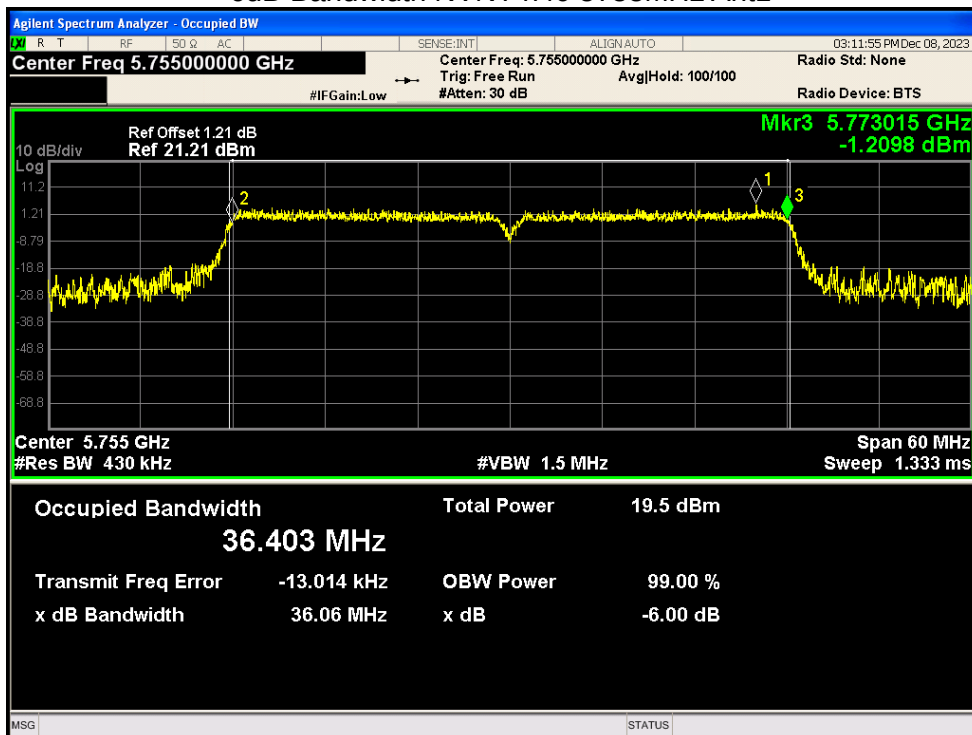
-6dB Bandwidth NVNT n20 5785MHz Ant1



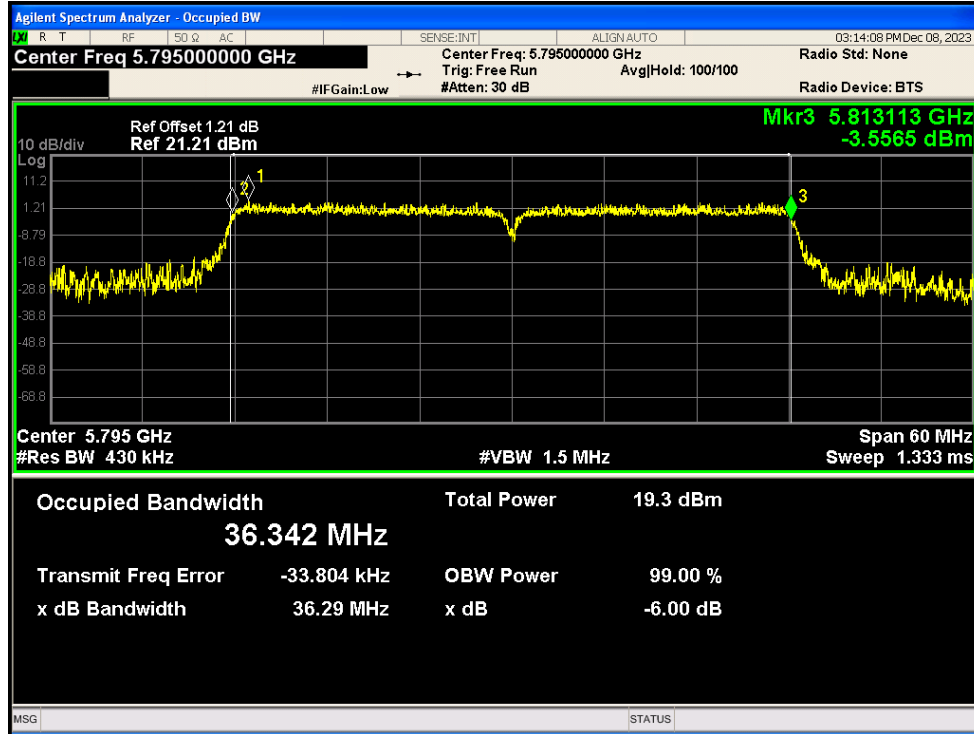
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



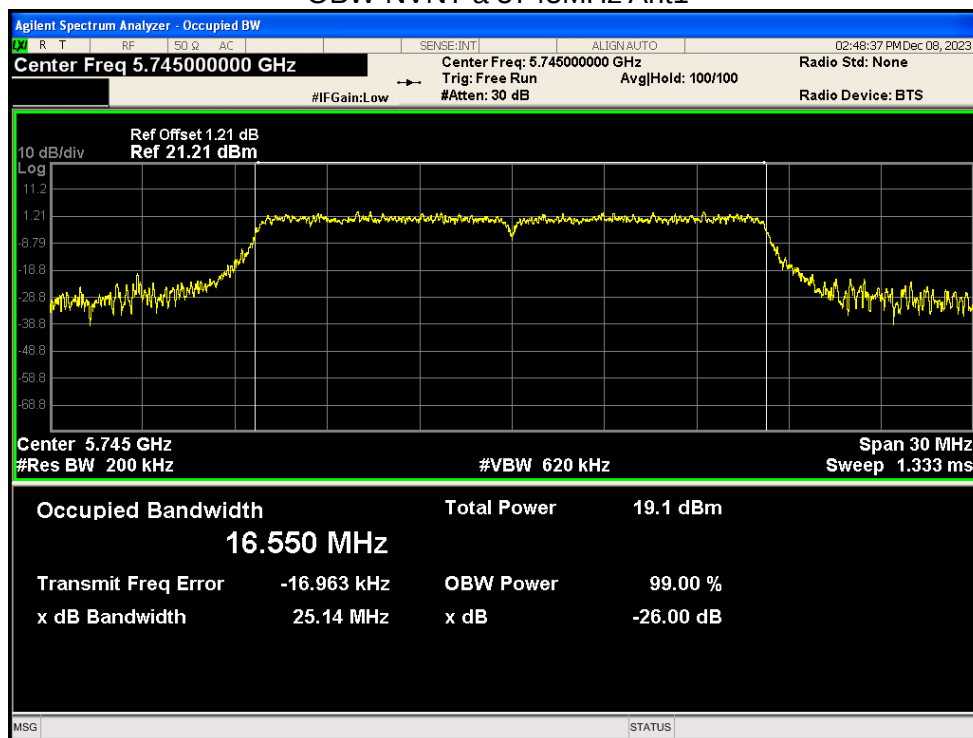
-6dB Bandwidth NVNT n40 5795MHz Ant1



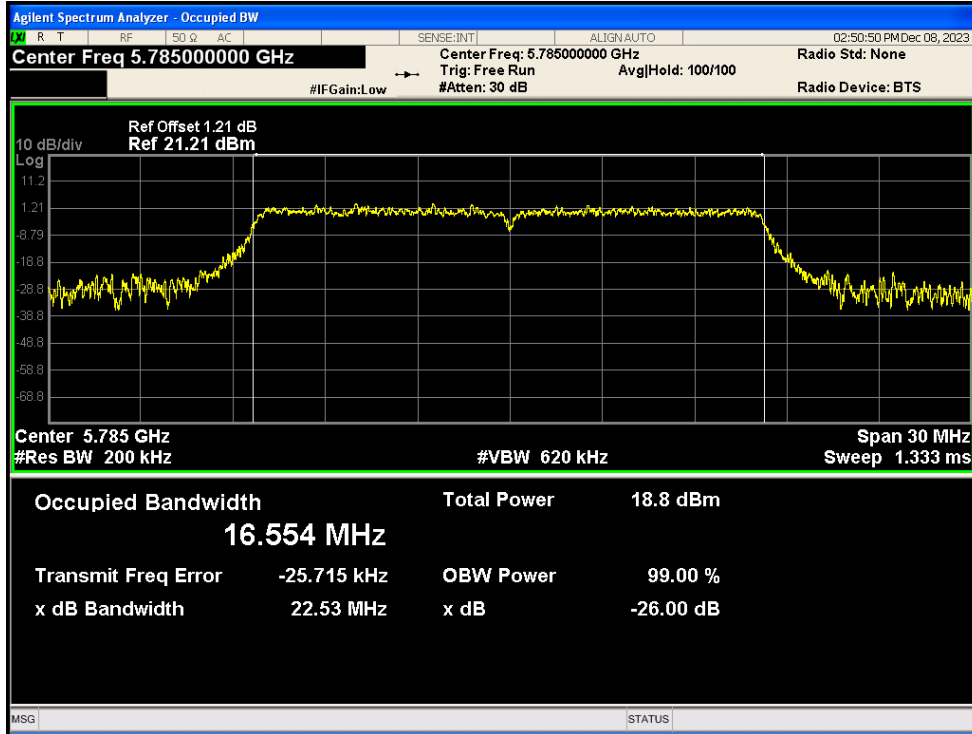
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.55
NVNT	a	5785	Ant1	16.554
NVNT	a	5825	Ant1	16.546
NVNT	ac20	5745	Ant1	17.62
NVNT	ac20	5785	Ant1	17.615
NVNT	ac20	5825	Ant1	17.632
NVNT	ac40	5755	Ant1	36.375
NVNT	ac40	5795	Ant1	36.351
NVNT	ac80	5775	Ant1	75.53
NVNT	n20	5745	Ant1	17.632
NVNT	n20	5785	Ant1	17.629
NVNT	n20	5825	Ant1	17.656
NVNT	n40	5755	Ant1	36.313
NVNT	n40	5795	Ant1	36.378

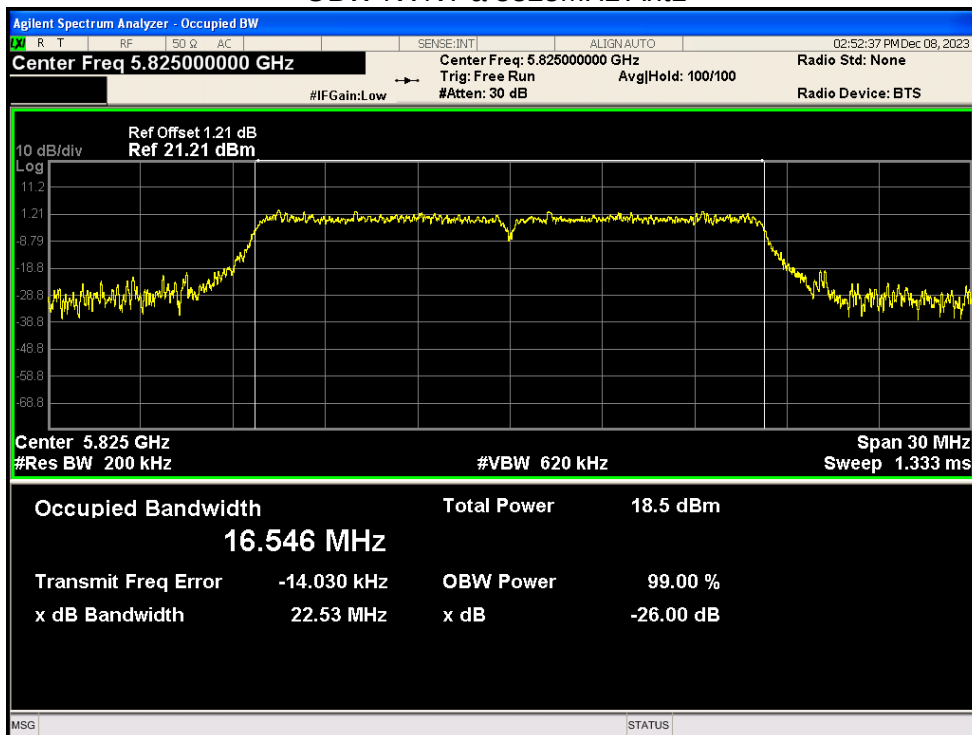
OBW NVNT a 5745MHz Ant1



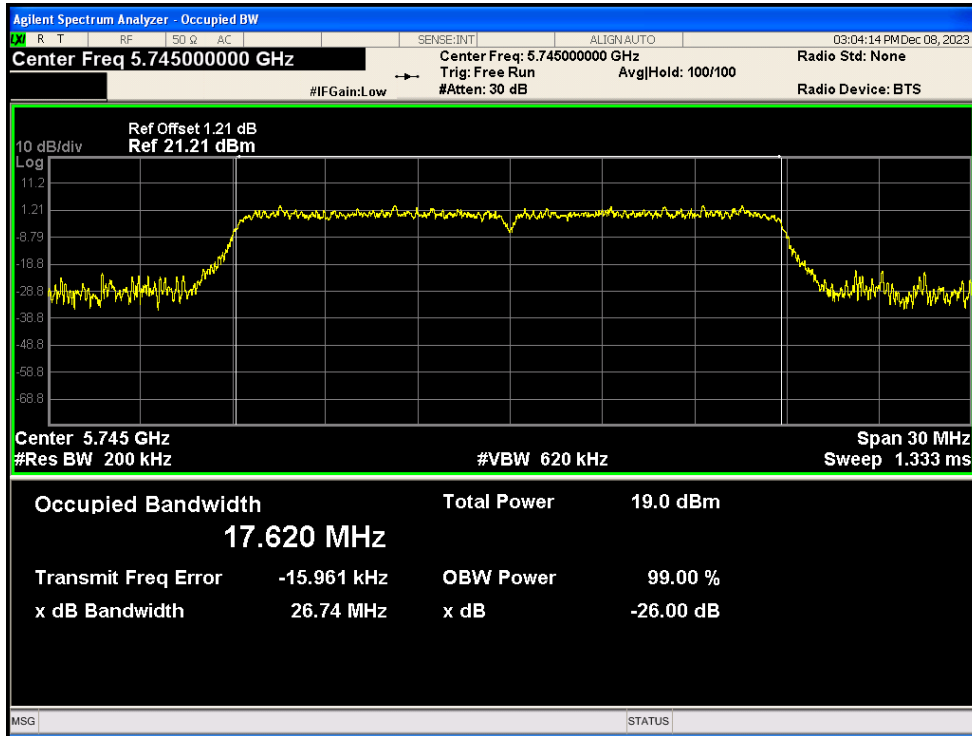
OBW NVNT a 5785MHz Ant1



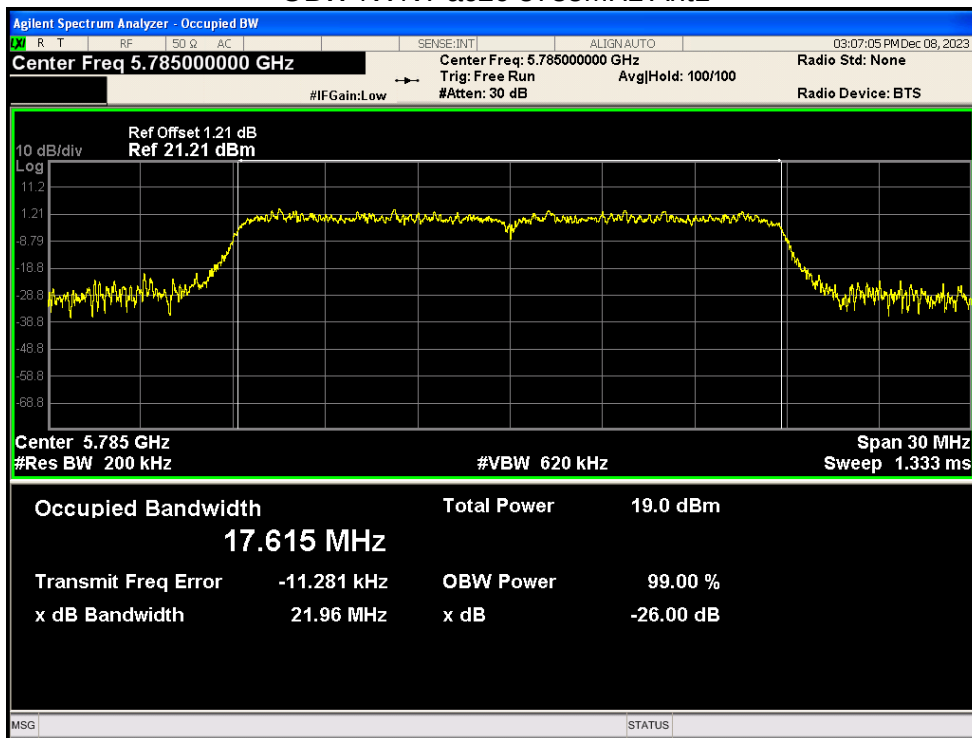
OBW NVNT a 5825MHz Ant1



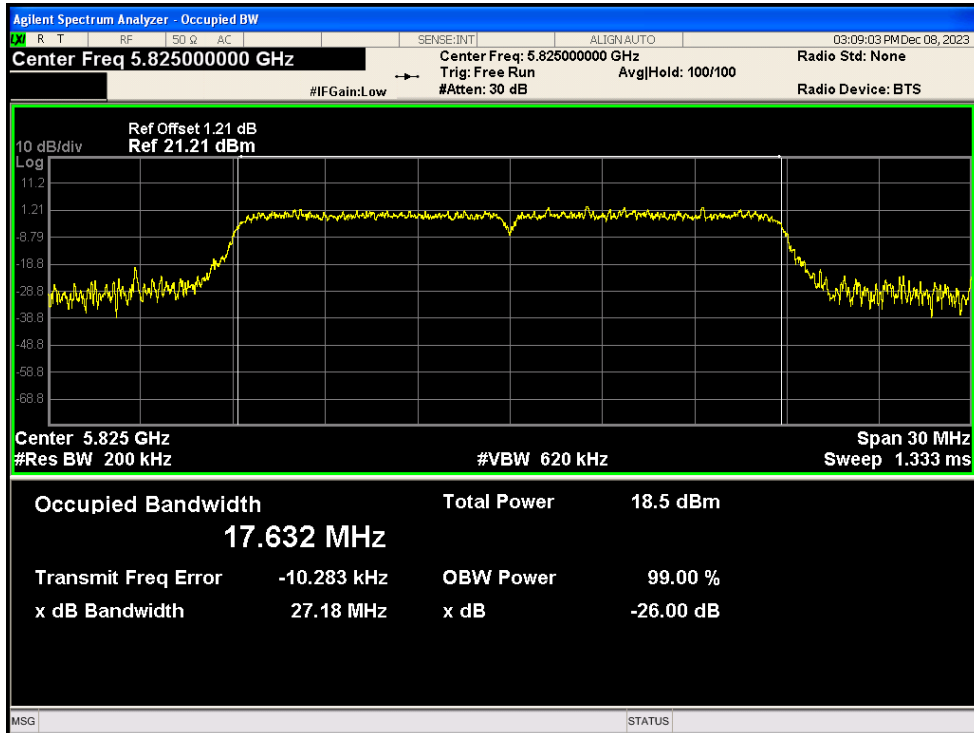
OBW NVNT ac20 5745MHz Ant1



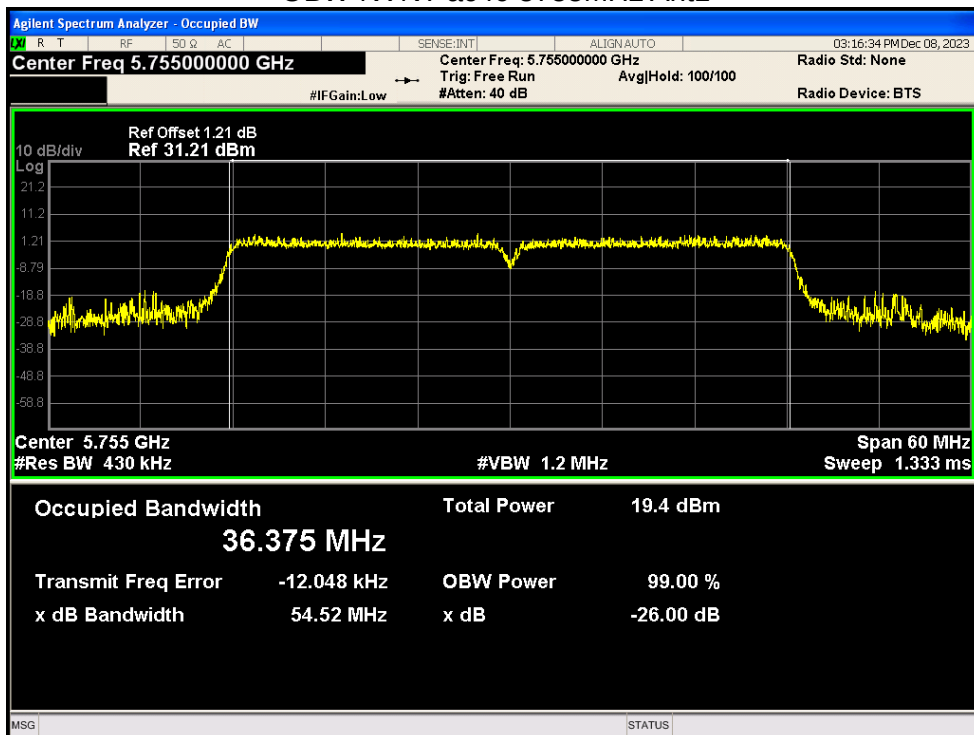
OBW NVNT ac20 5785MHz Ant1



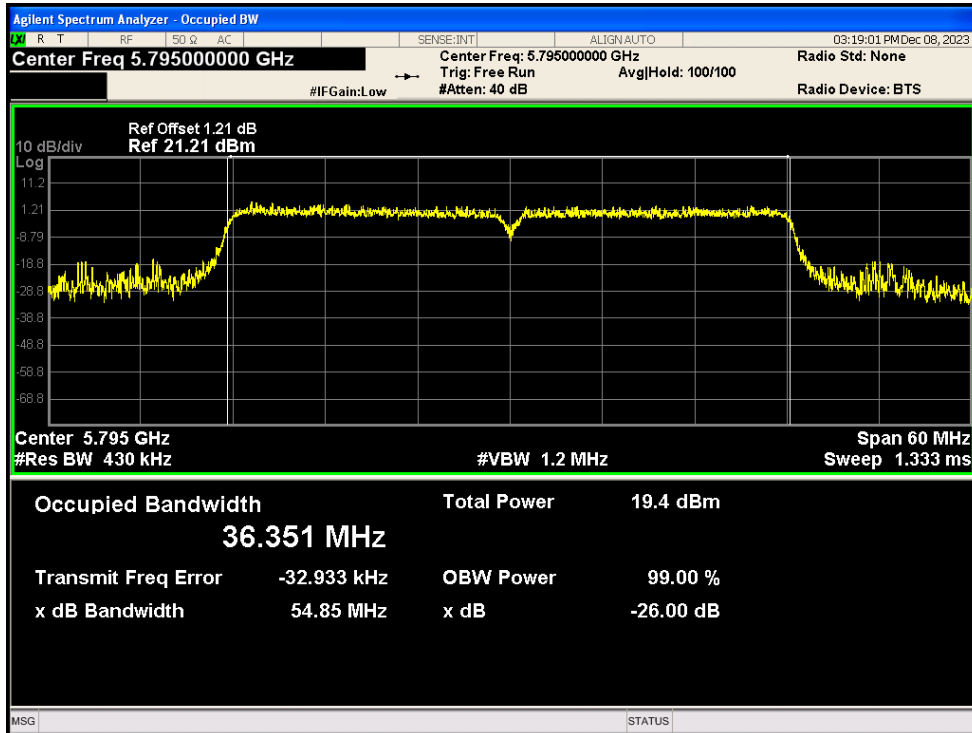
OBW NVNT ac20 5825MHz Ant1



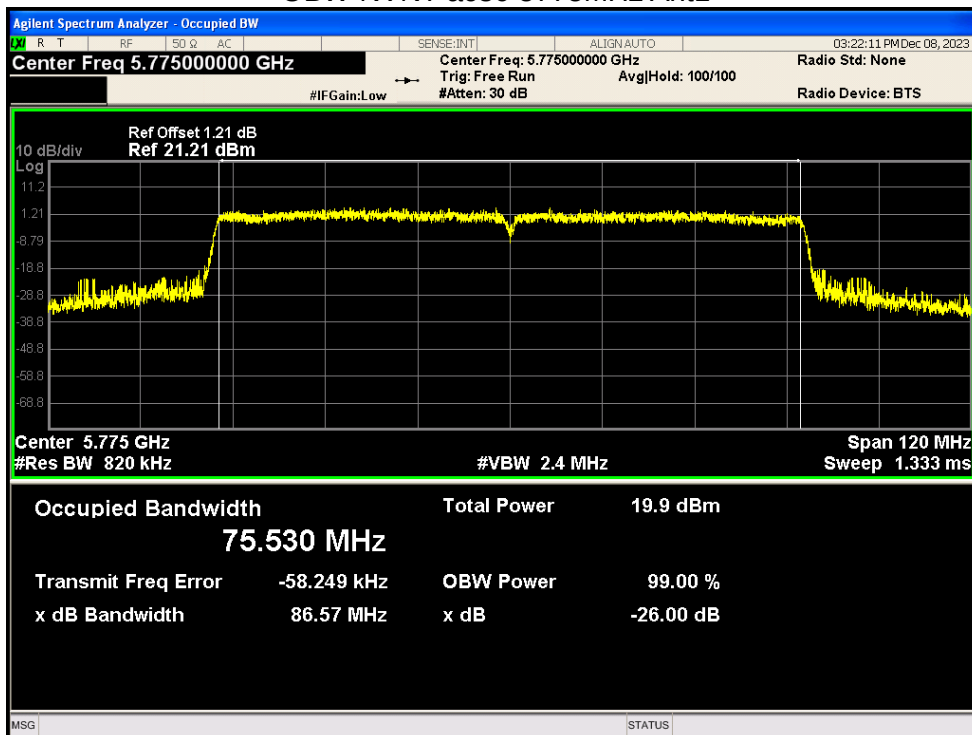
OBW NVNT ac40 5755MHz Ant1



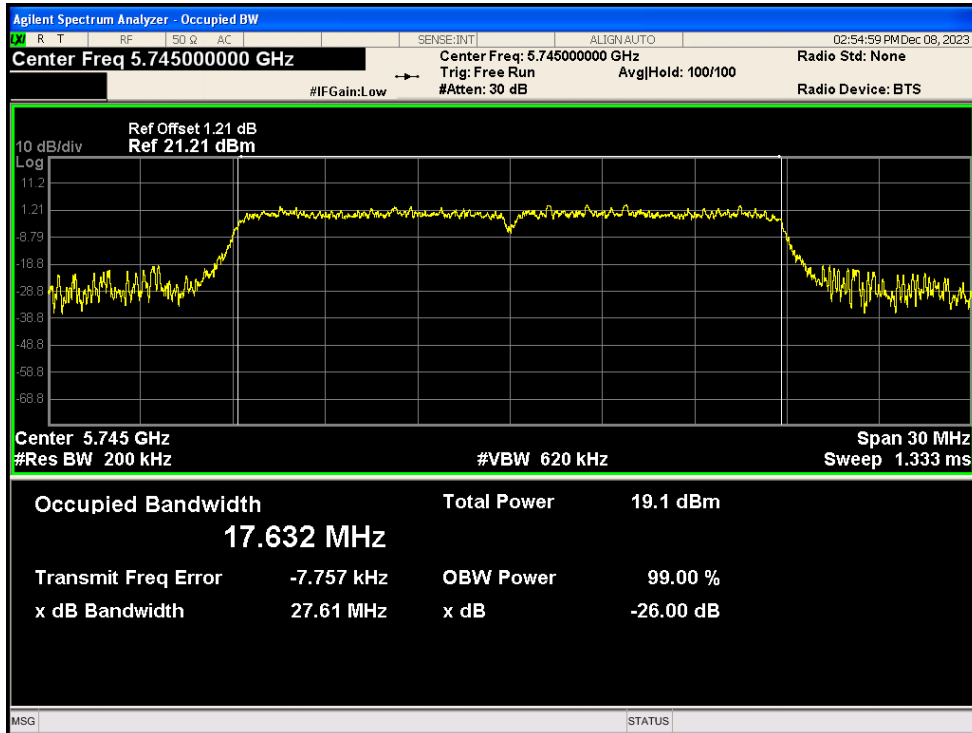
OBW NVNT ac40 5795MHz Ant1



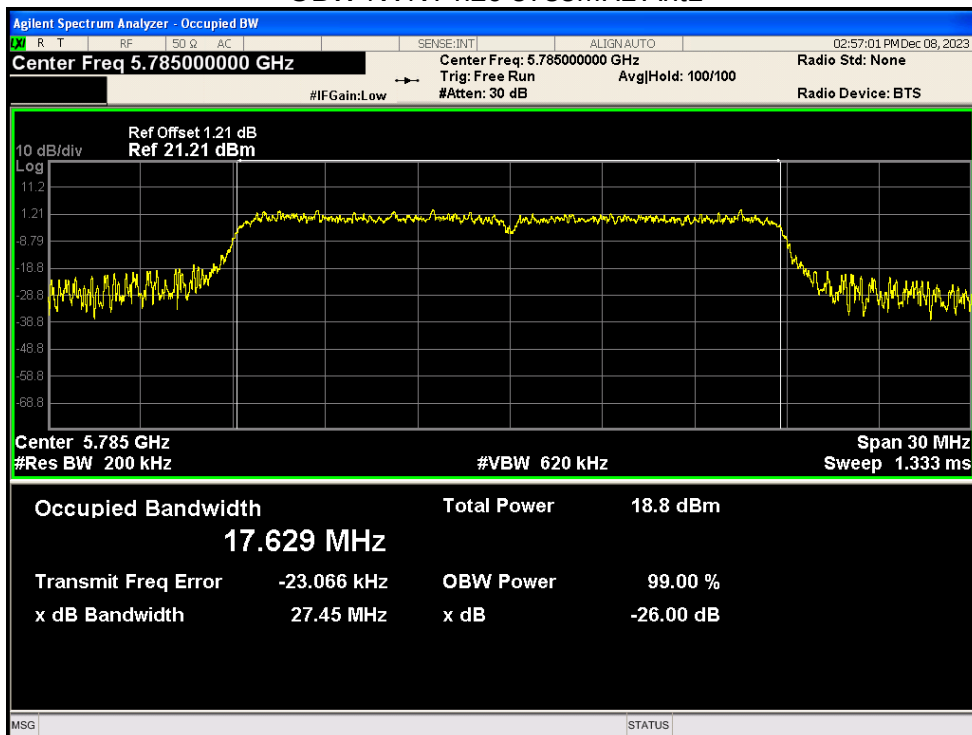
OBW NVNT ac80 5775MHz Ant1



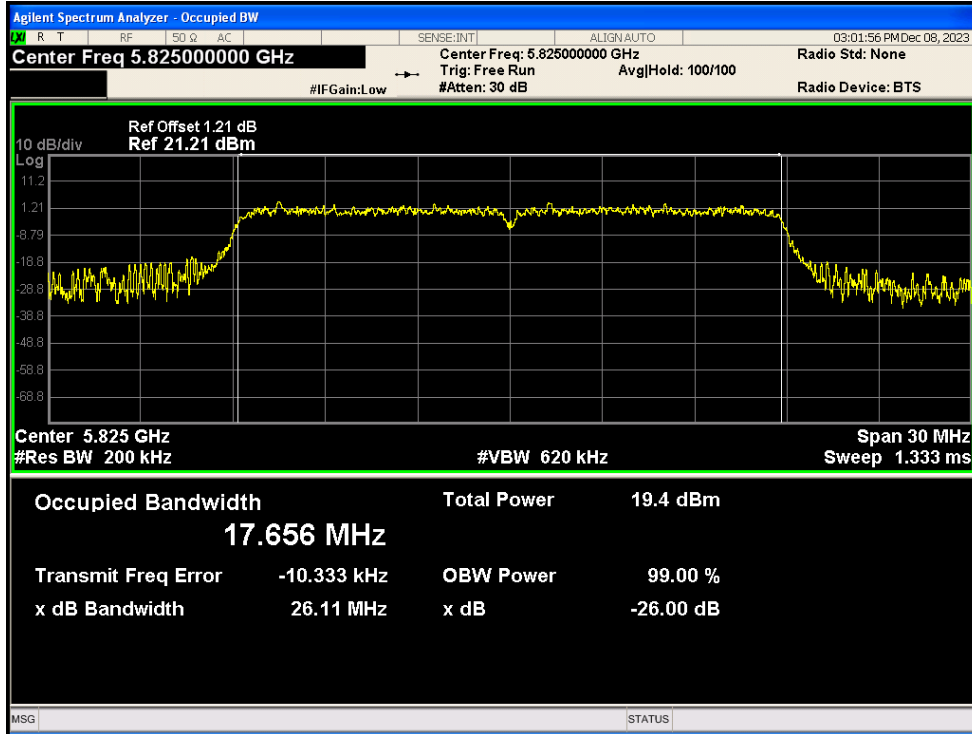
OBW NVNT n20 5745MHz Ant1



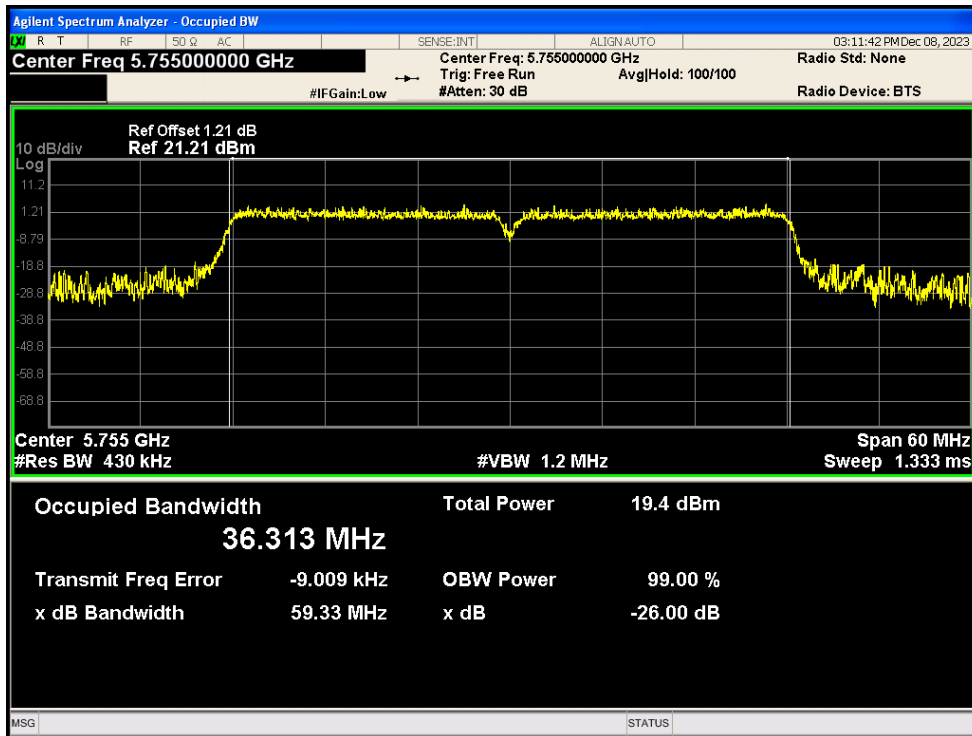
OBW NVNT n20 5785MHz Ant1



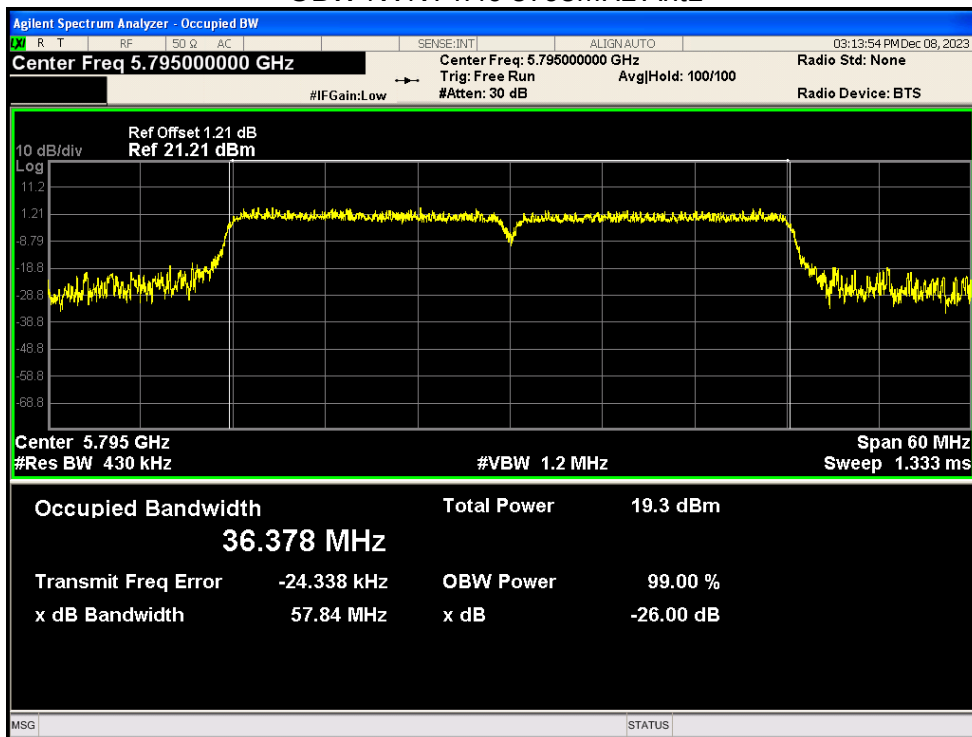
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



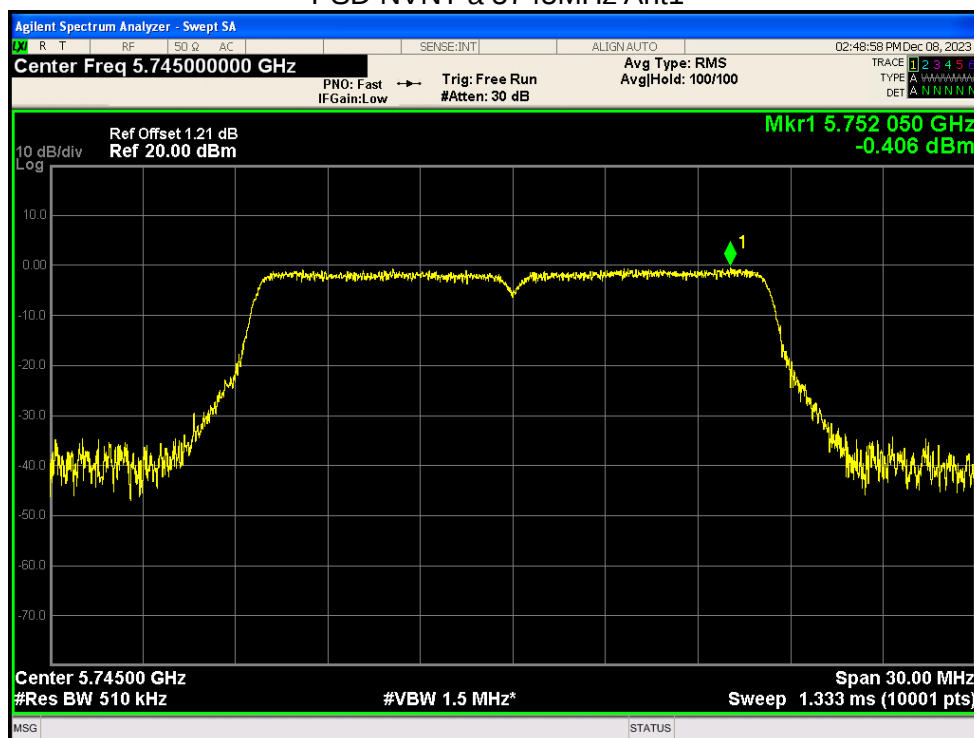
OBW NVNT n40 5795MHz Ant1



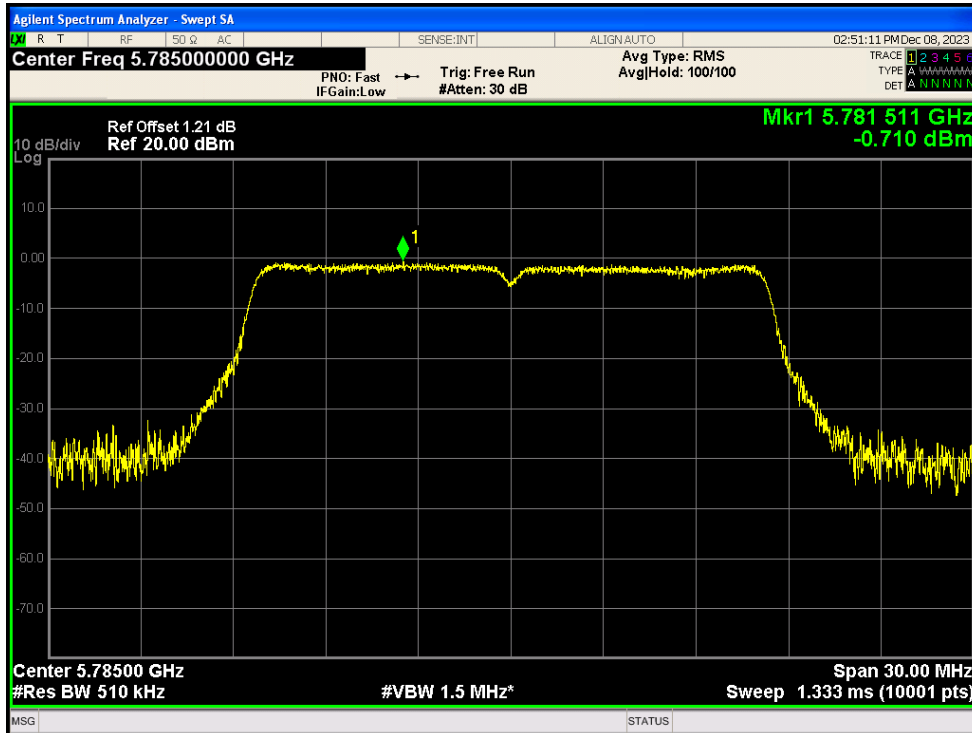
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.406	0.52	0.11	30	Pass
NVNT	a	5785	Ant1	-0.71	0.52	-0.19	30	Pass
NVNT	a	5825	Ant1	-0.624	0.51	-0.11	30	Pass
NVNT	ac20	5745	Ant1	-0.888	0.59	-0.30	30	Pass
NVNT	ac20	5785	Ant1	-0.775	0.59	-0.19	30	Pass
NVNT	ac20	5825	Ant1	-1.469	0.57	-0.90	30	Pass
NVNT	ac40	5755	Ant1	-3.864	1.13	-2.73	30	Pass
NVNT	ac40	5795	Ant1	-3.814	1.11	-2.70	30	Pass
NVNT	ac80	5775	Ant1	-7.871	2.21	-5.66	30	Pass
NVNT	n20	5745	Ant1	-2.076	2.83	0.75	30	Pass
NVNT	n20	5785	Ant1	-1.095	0.6	-0.50	30	Pass
NVNT	n20	5825	Ant1	-0.213	0.6	0.39	30	Pass
NVNT	n40	5755	Ant1	-4.169	1.13	-3.04	30	Pass
NVNT	n40	5795	Ant1	-3.727	1.13	-2.60	30	Pass

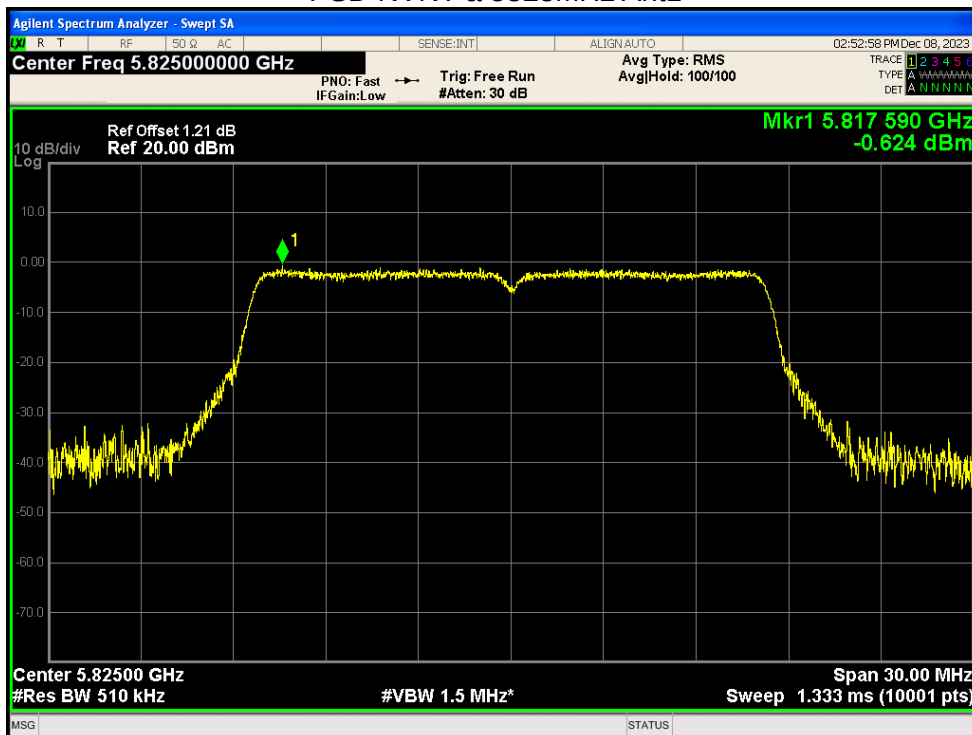
PSD NVNT a 5745MHz Ant1



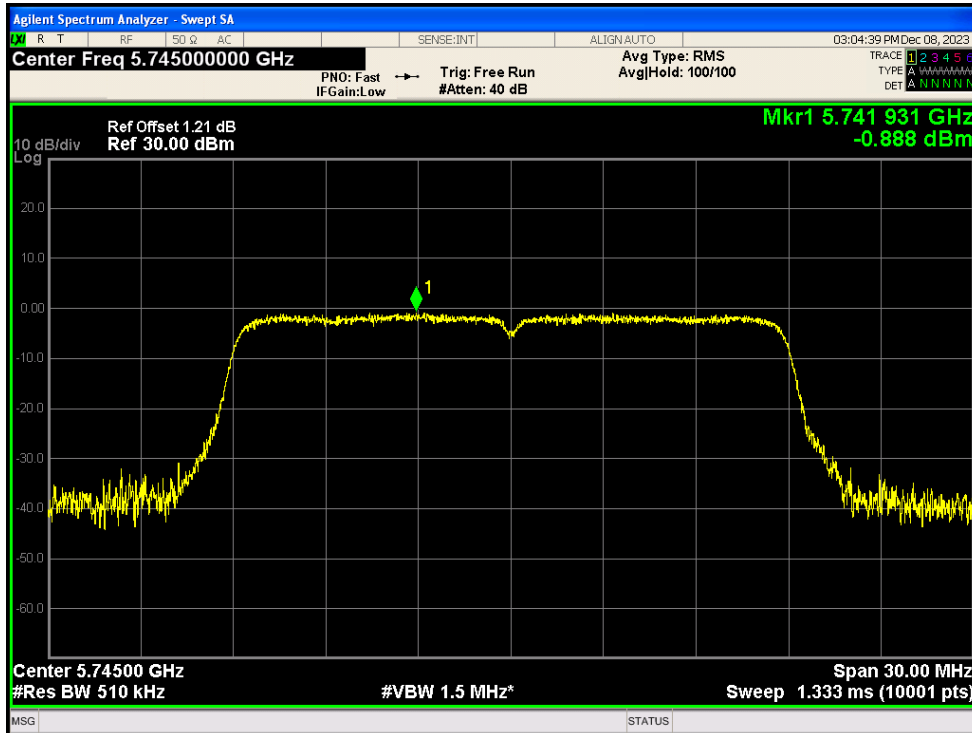
PSD NVNT a 5785MHz Ant1



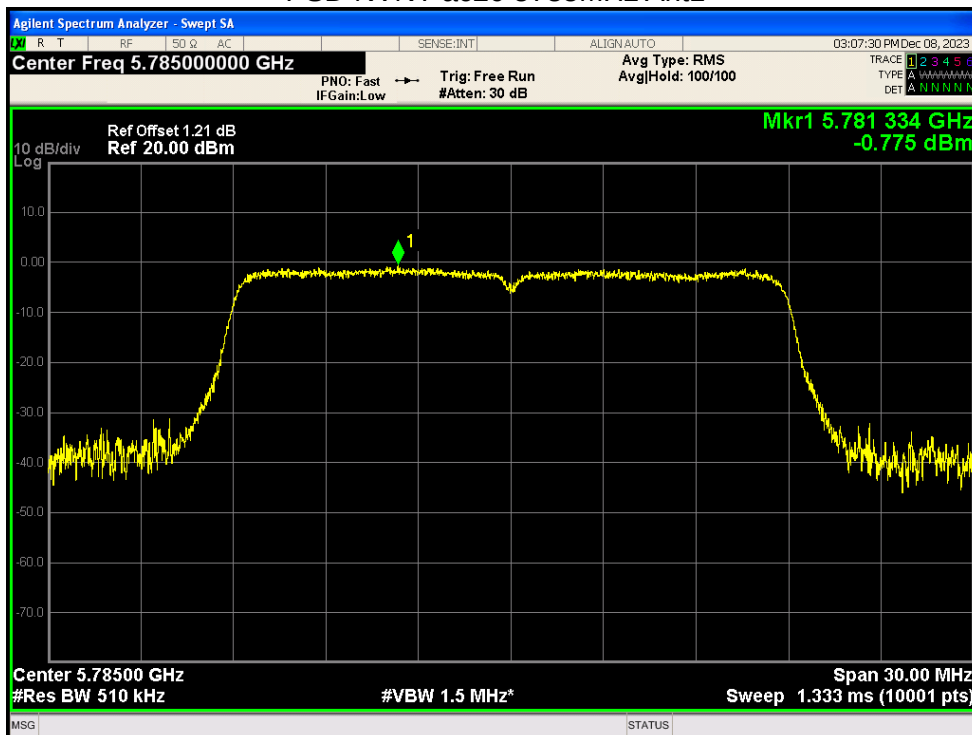
PSD NVNT a 5825MHz Ant1



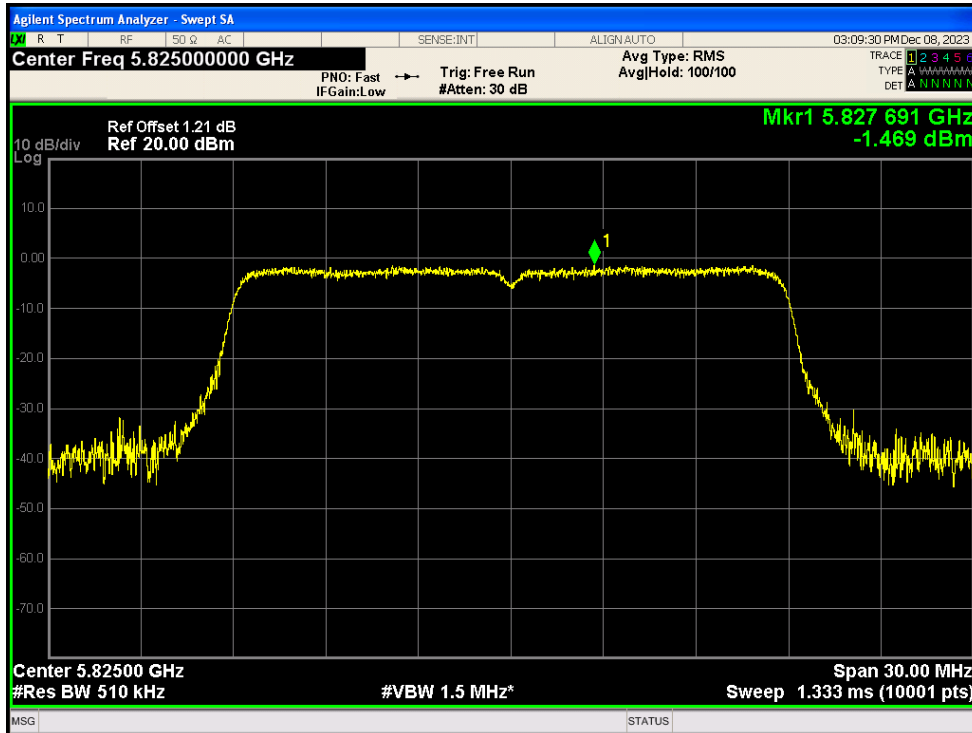
PSD NVNT ac20 5745MHz Ant1



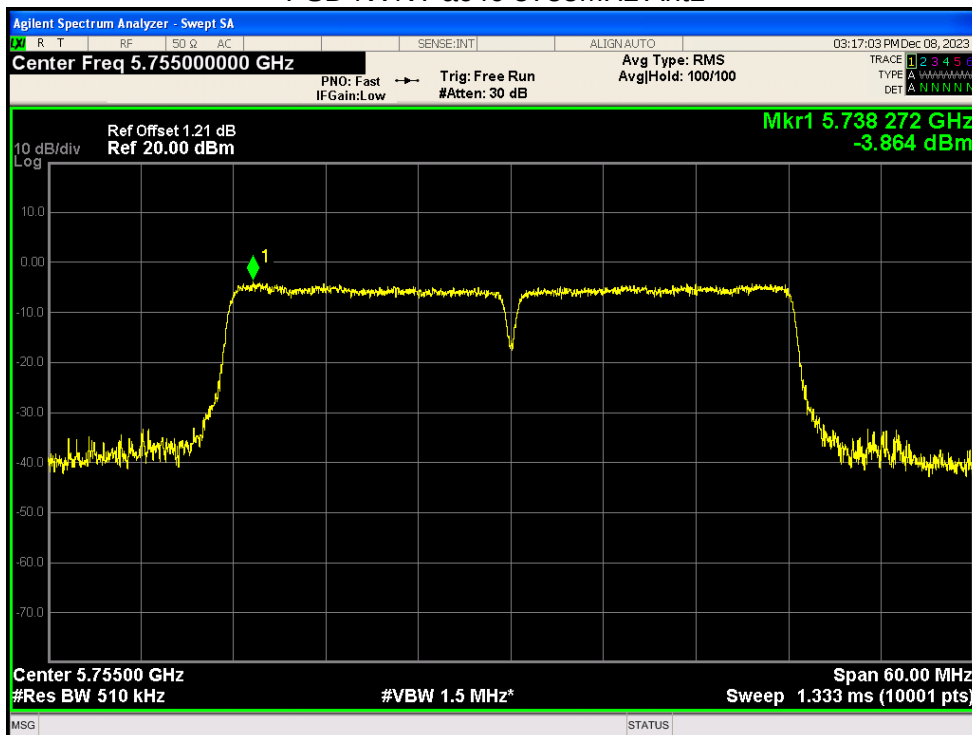
PSD NVNT ac20 5785MHz Ant1



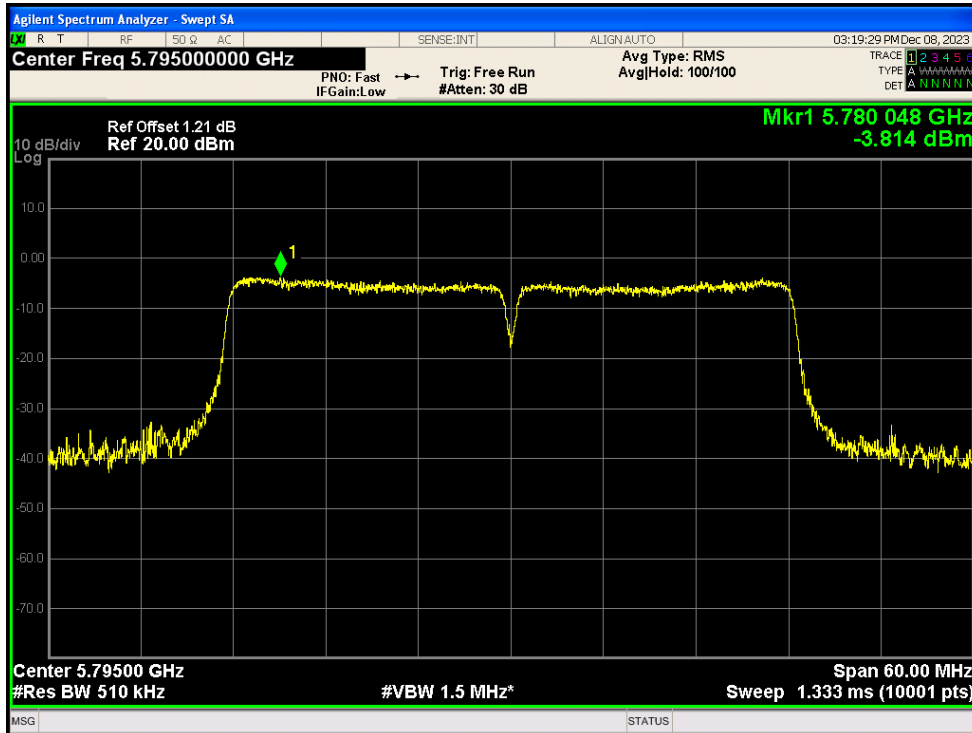
PSD NVNT ac20 5825MHz Ant1



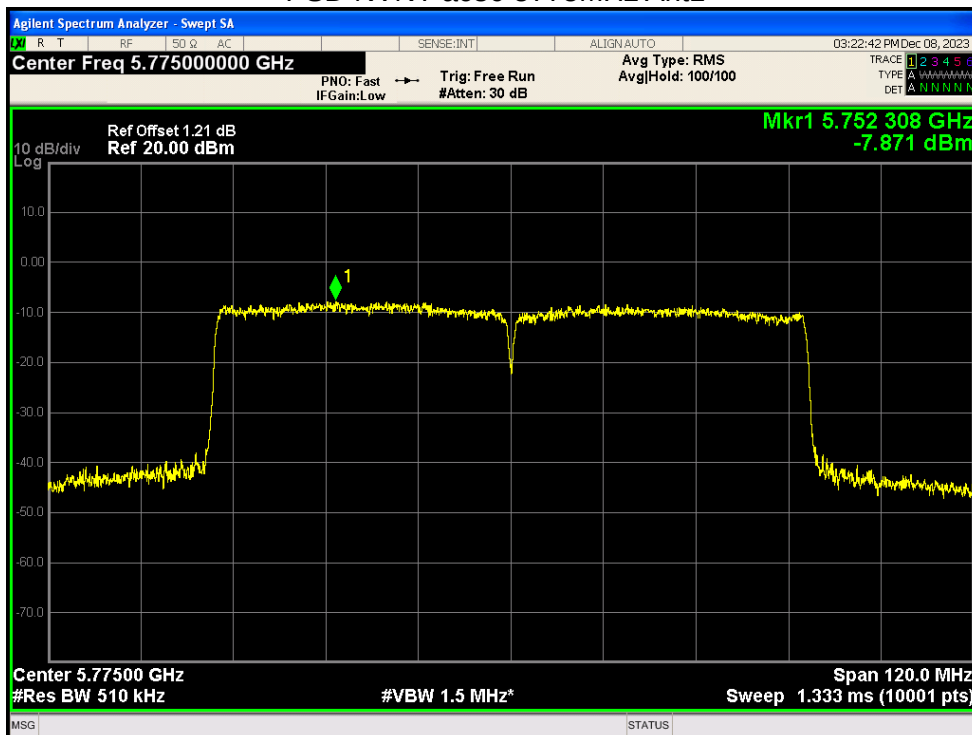
PSD NVNT ac40 5755MHz Ant1



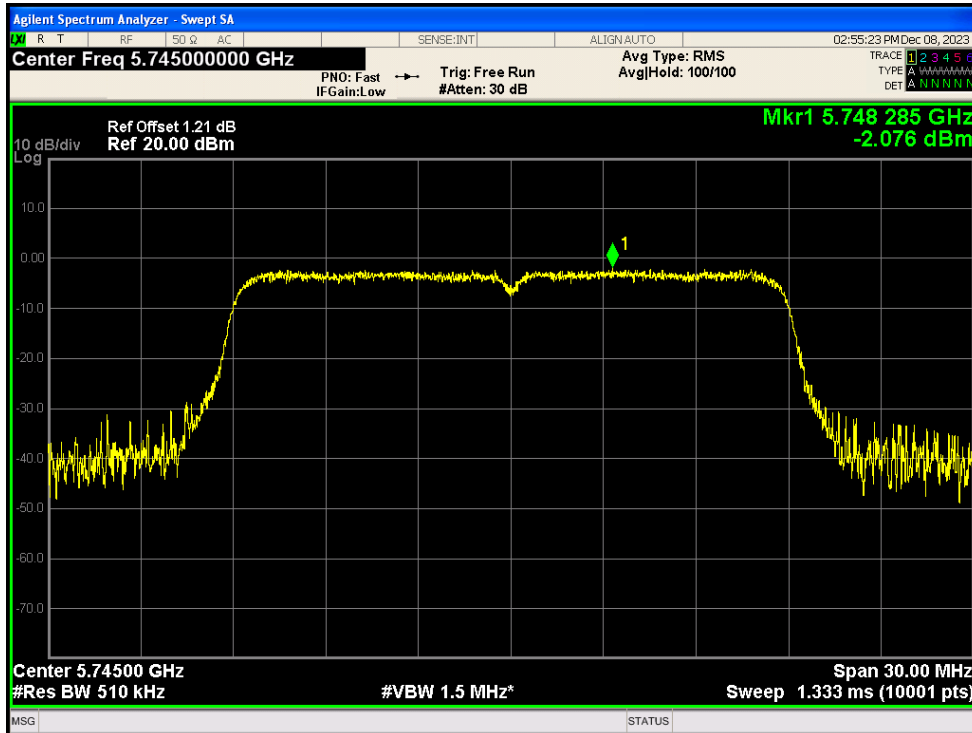
PSD NVNT ac40 5795MHz Ant1



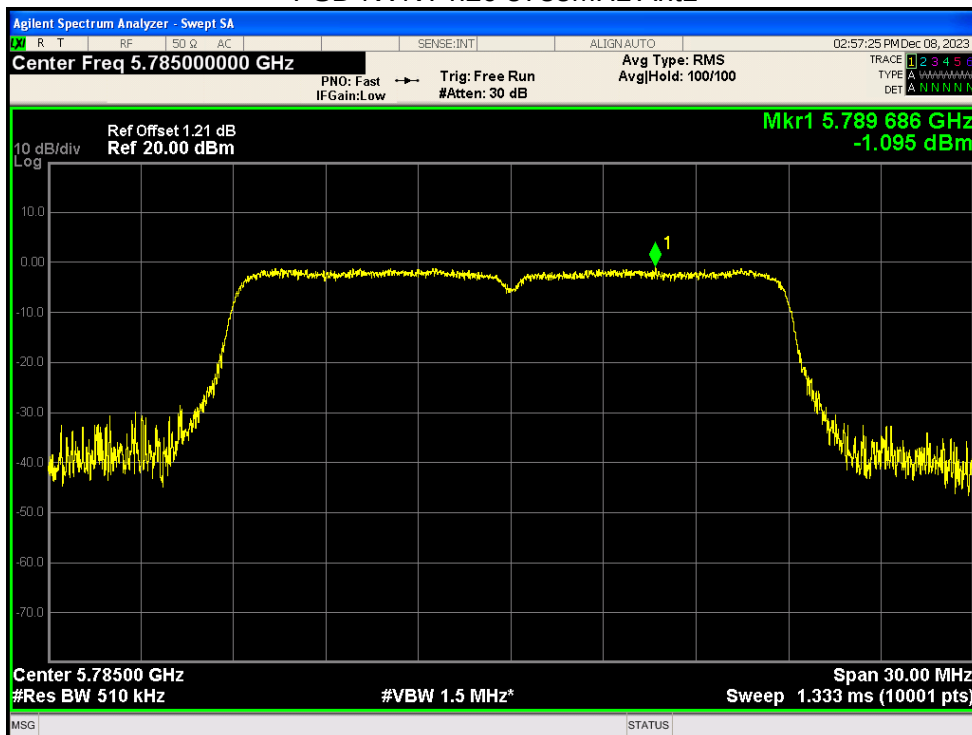
PSD NVNT ac80 5775MHz Ant1



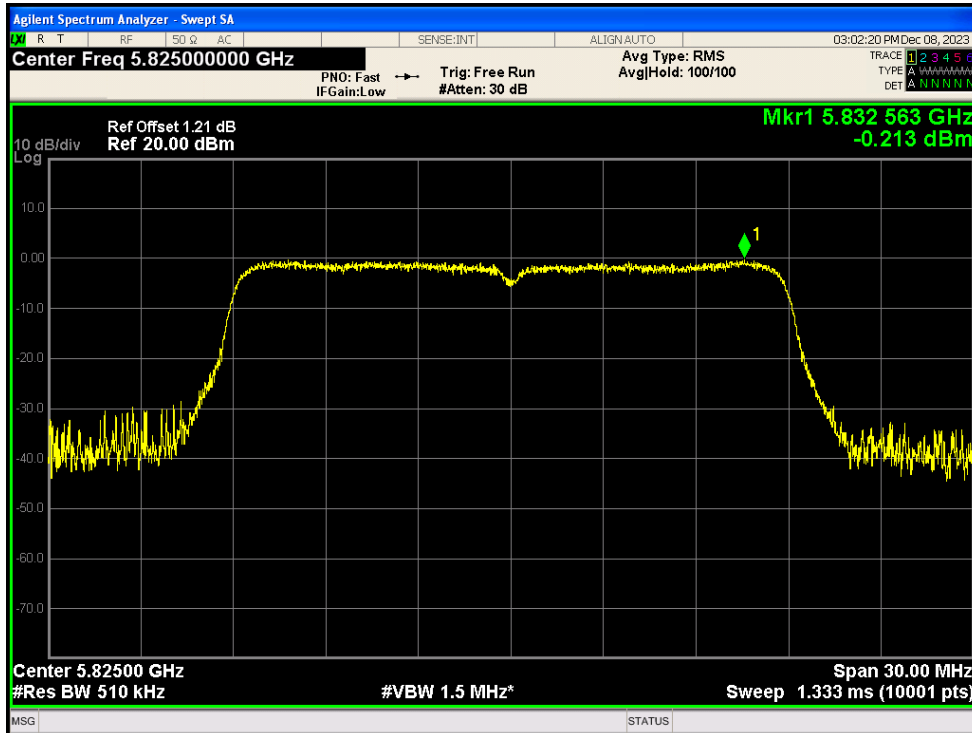
PSD NVNT n20 5745MHz Ant1



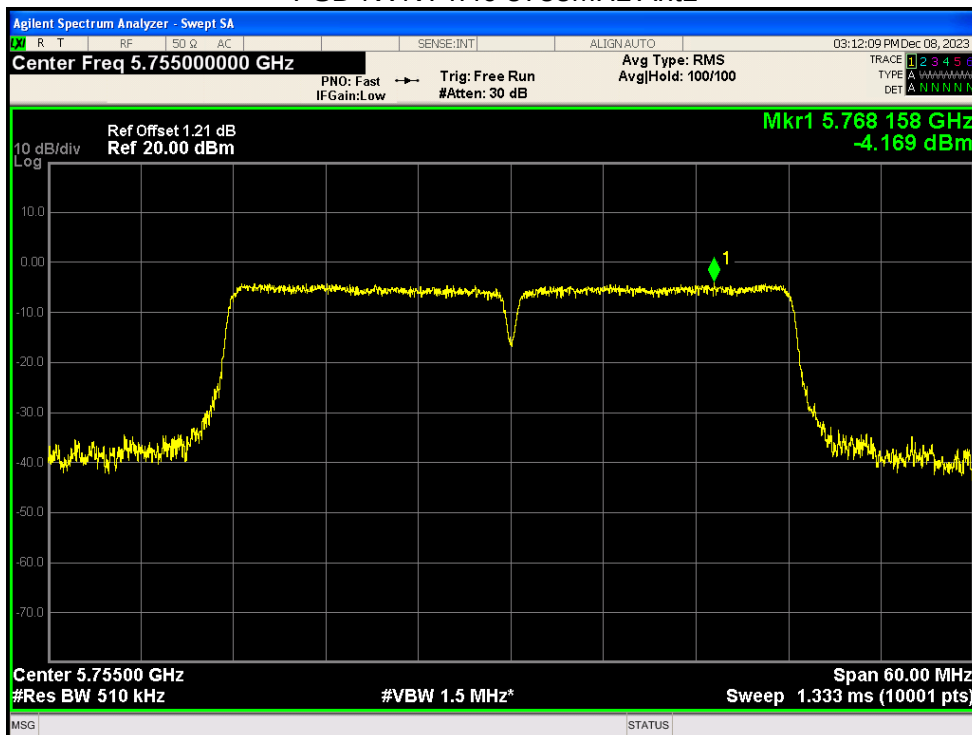
PSD NVNT n20 5785MHz Ant1



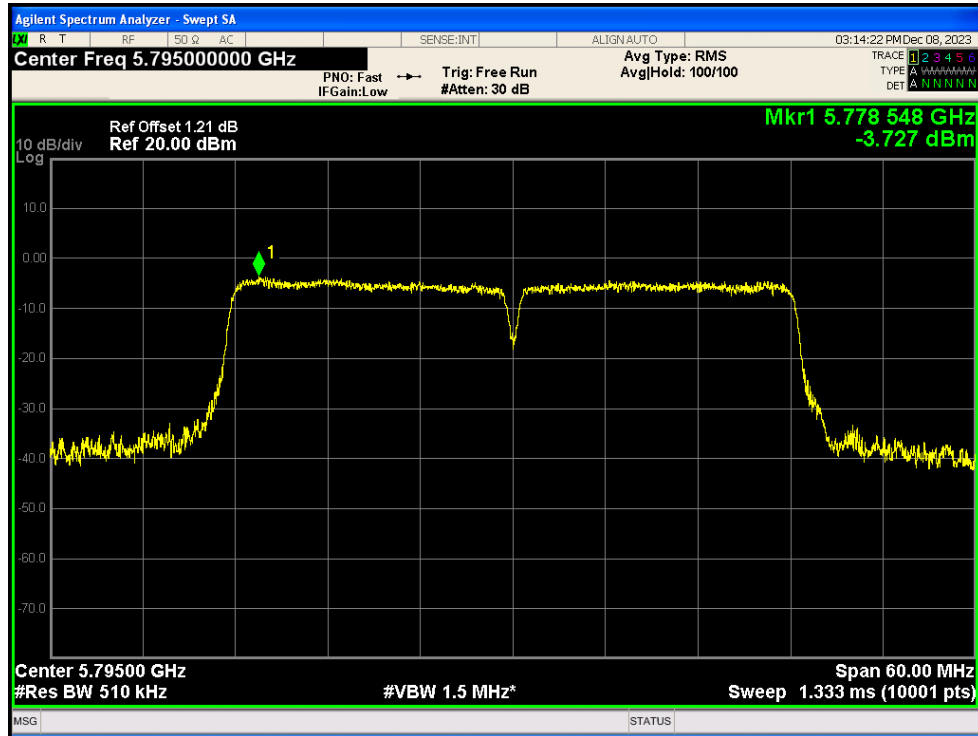
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



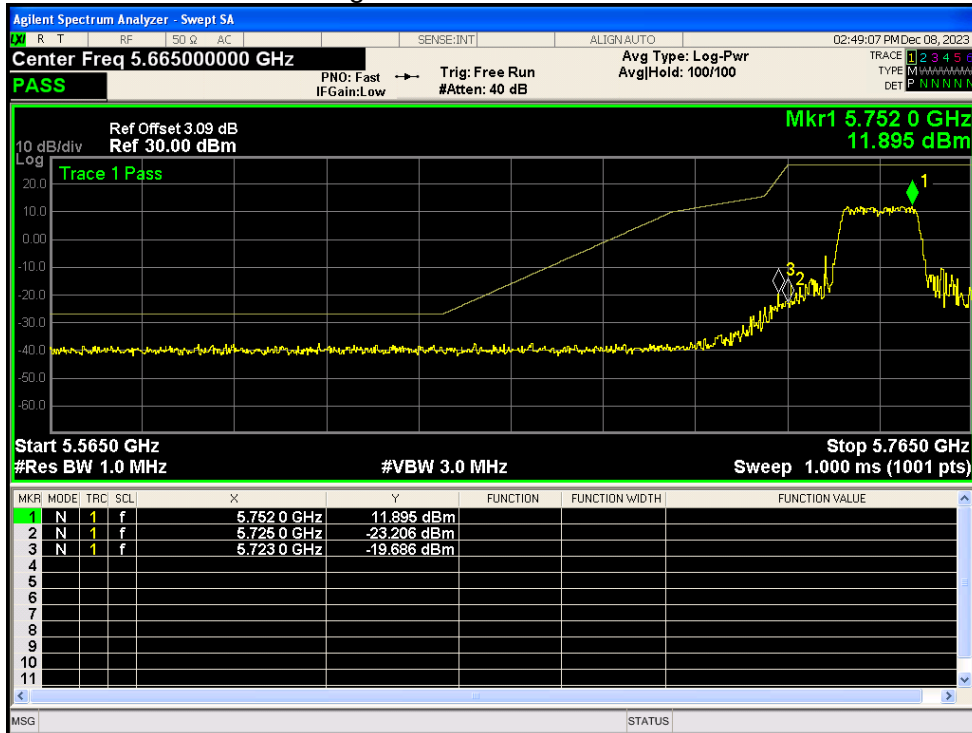
PSD NVNT n40 5795MHz Ant1



5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-19.68	Pass
NVNT	a	5825	Ant1	-24	Pass
NVNT	ac20	5745	Ant1	-18.41	Pass
NVNT	ac20	5825	Ant1	-25.69	Pass
NVNT	ac40	5755	Ant1	-13.32	Pass
NVNT	ac40	5795	Ant1	-35.64	Pass
NVNT	ac80	5775	Ant1	-27.14	Pass
NVNT	ac80	5775	Ant1	-19.17	Pass
NVNT	n20	5745	Ant1	-17.83	Pass
NVNT	n20	5825	Ant1	-23.5	Pass
NVNT	n40	5755	Ant1	-12.5	Pass
NVNT	n40	5795	Ant1	-33.53	Pass

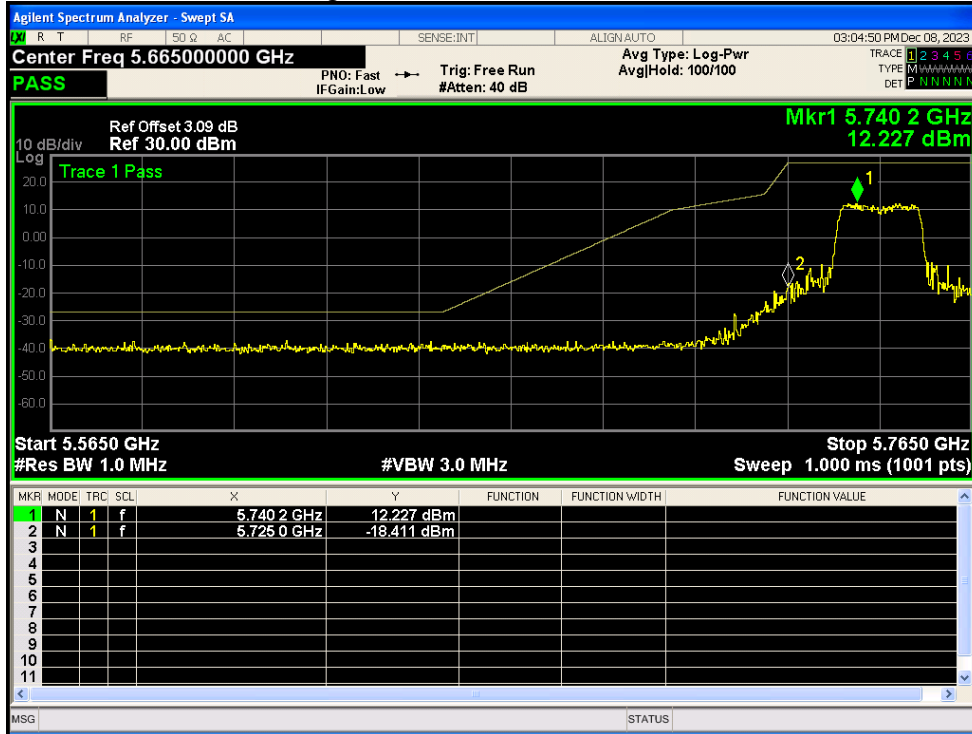
Band Edge NVNT a 5745MHz Low Ant1



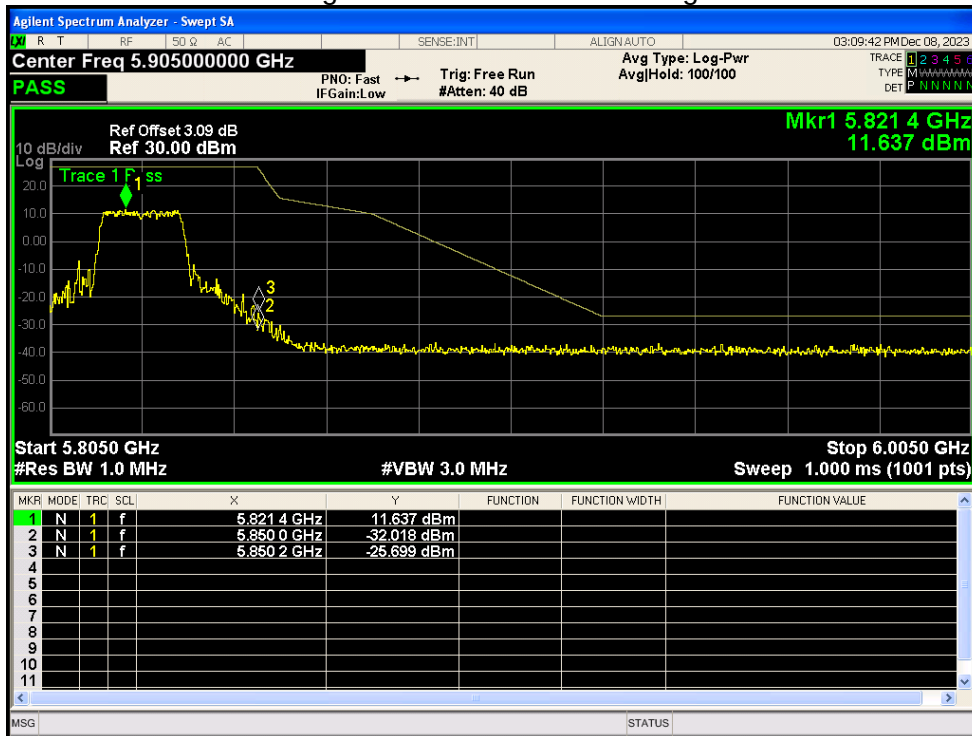
Band Edge NVNT a 5825MHz High Ant1



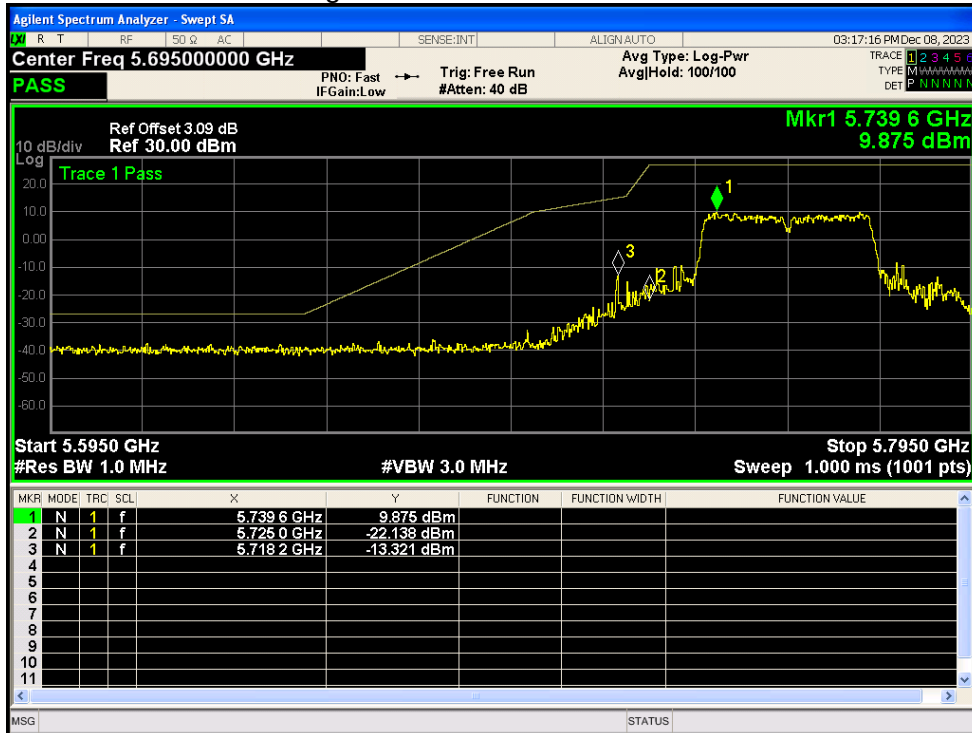
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



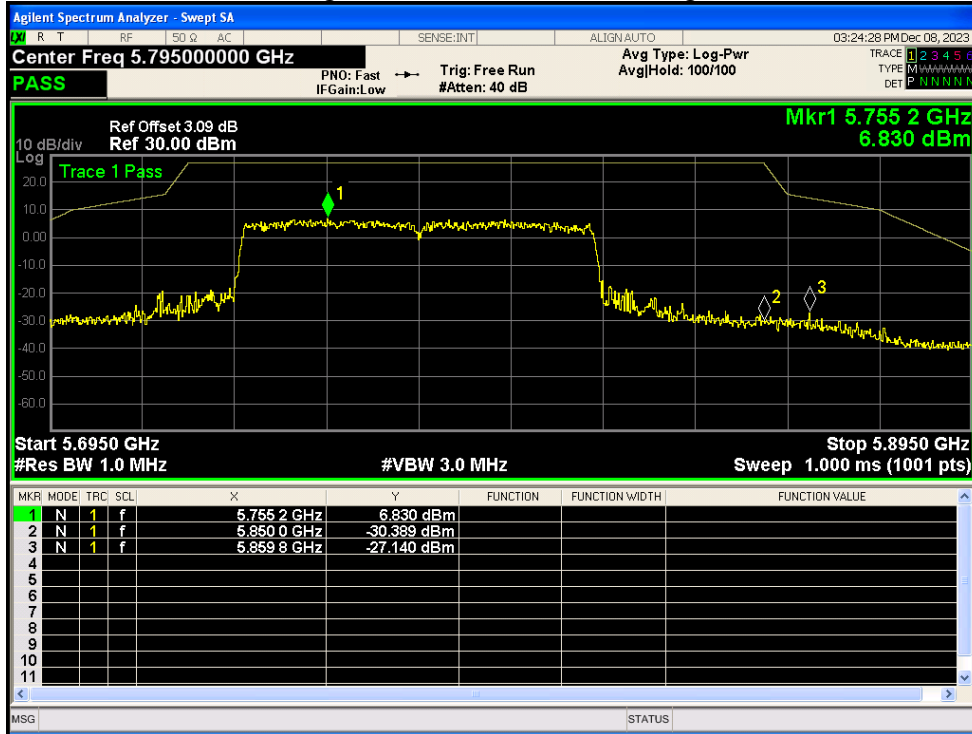
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



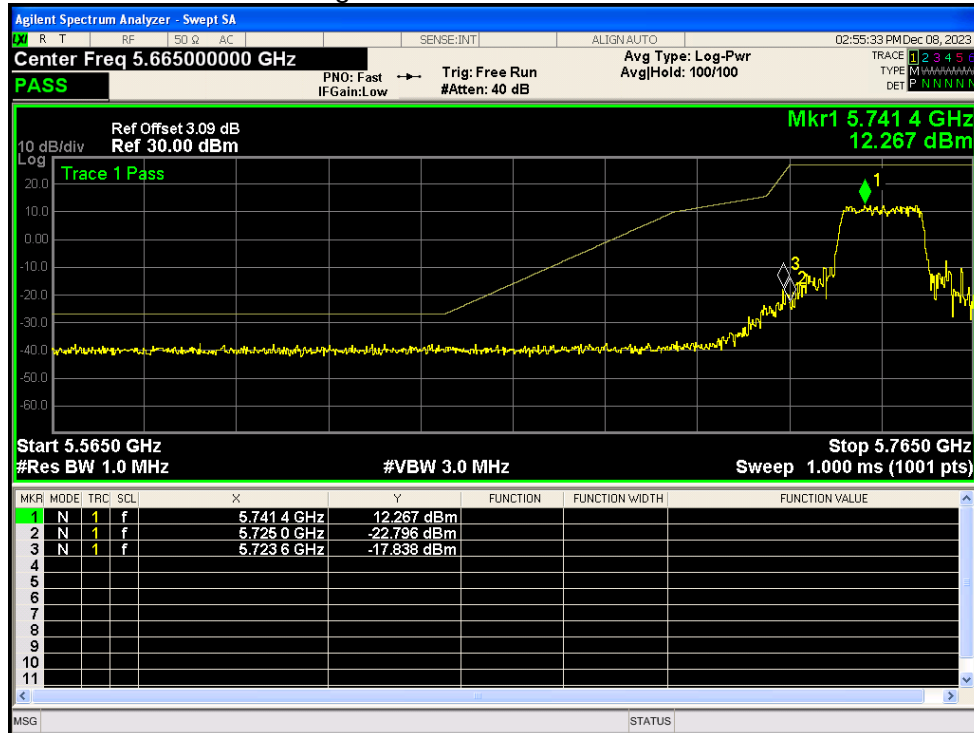
Band Edge NVNT ac80 5775MHz High Ant1



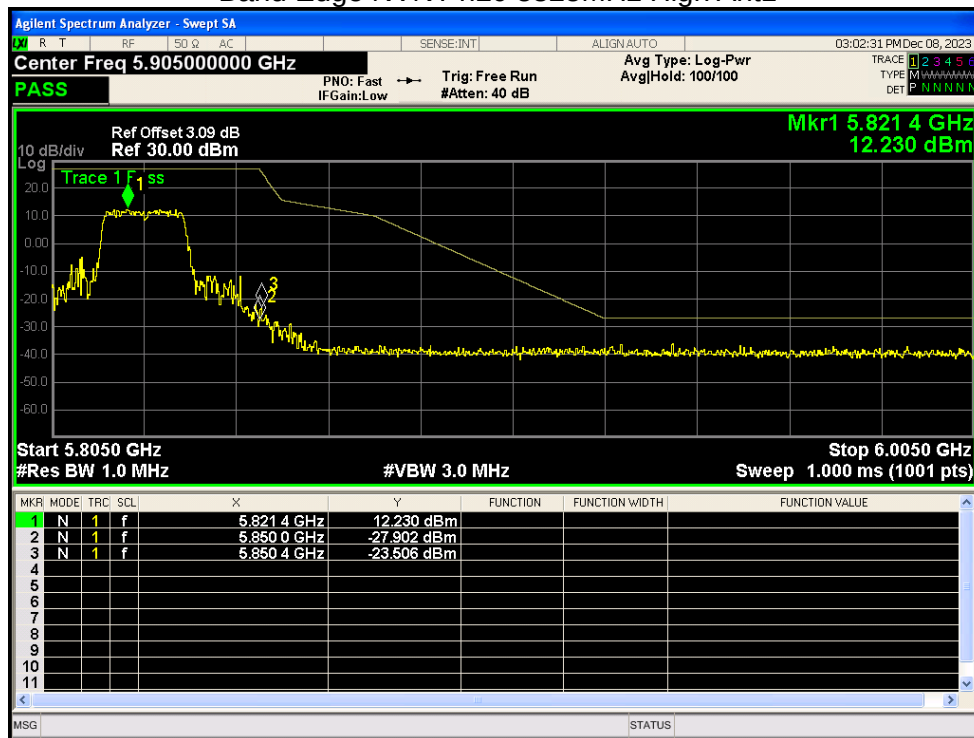
Band Edge NVNT ac80 5775MHz Low Ant1



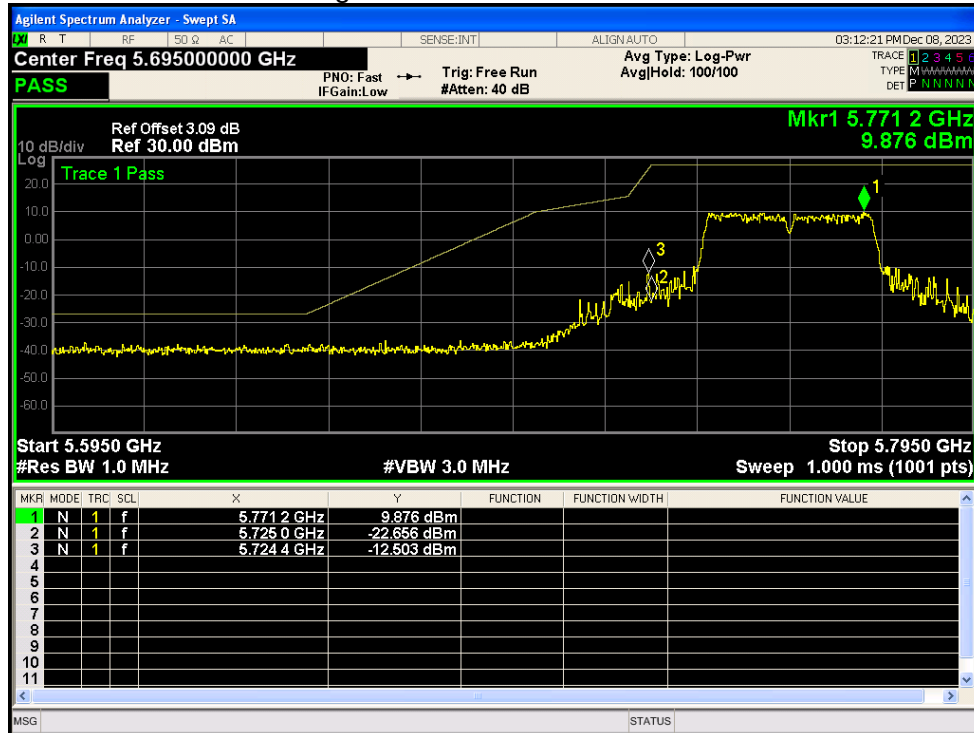
Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



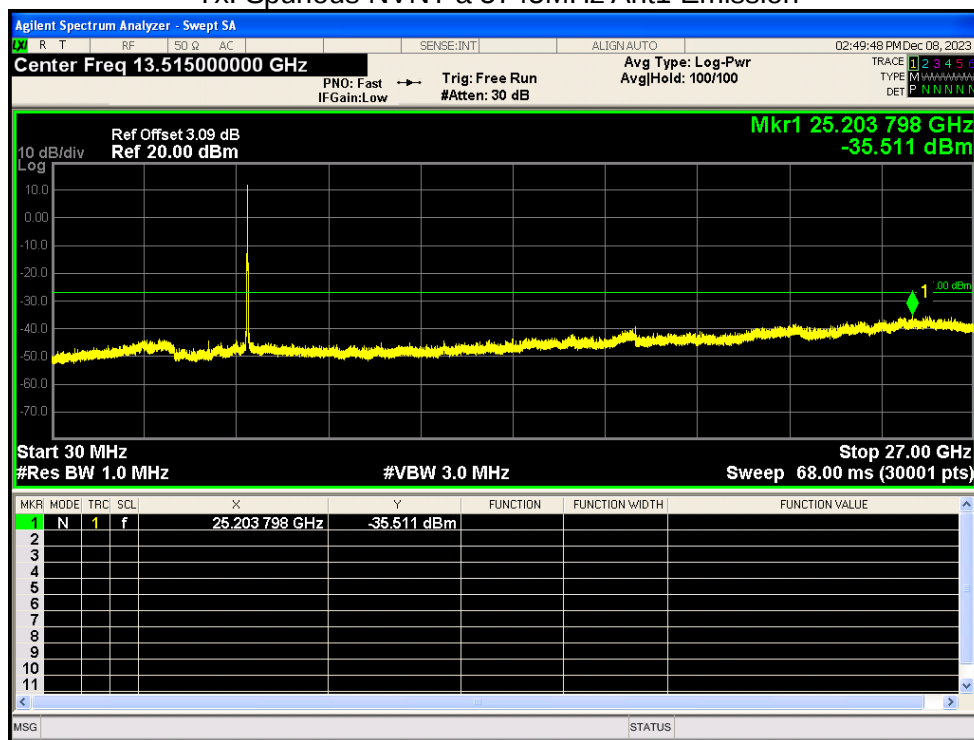
Band Edge NVNT n40 5795MHz High Ant1



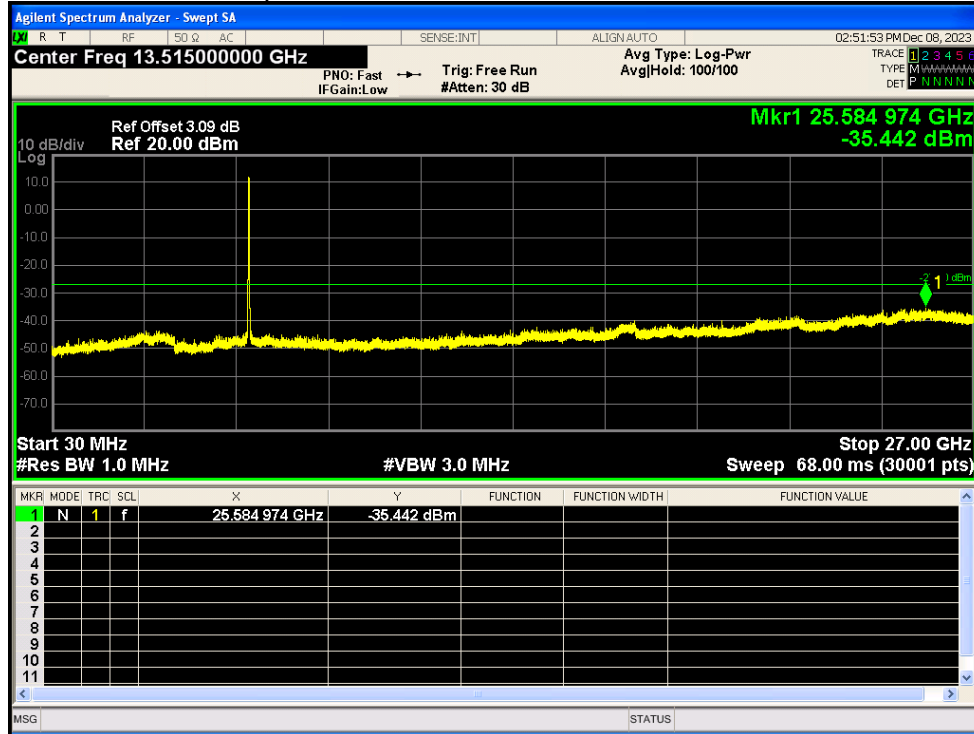
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-35.51	-27	Pass
NVNT	a	5785	Ant1	-35.44	-27	Pass
NVNT	a	5825	Ant1	-35.1	-27	Pass
NVNT	ac20	5745	Ant1	-35.65	-27	Pass
NVNT	ac20	5785	Ant1	-35.38	-27	Pass
NVNT	ac20	5825	Ant1	-35.28	-27	Pass
NVNT	ac40	5755	Ant1	-35.49	-27	Pass
NVNT	ac40	5795	Ant1	-35.2	-27	Pass
NVNT	ac80	5775	Ant1	-35.11	-27	Pass
NVNT	n20	5745	Ant1	-35.62	-27	Pass
NVNT	n20	5785	Ant1	-35.16	-27	Pass
NVNT	n20	5825	Ant1	-35.12	-27	Pass
NVNT	n40	5755	Ant1	-34.9	-27	Pass
NVNT	n40	5795	Ant1	-35.29	-27	Pass

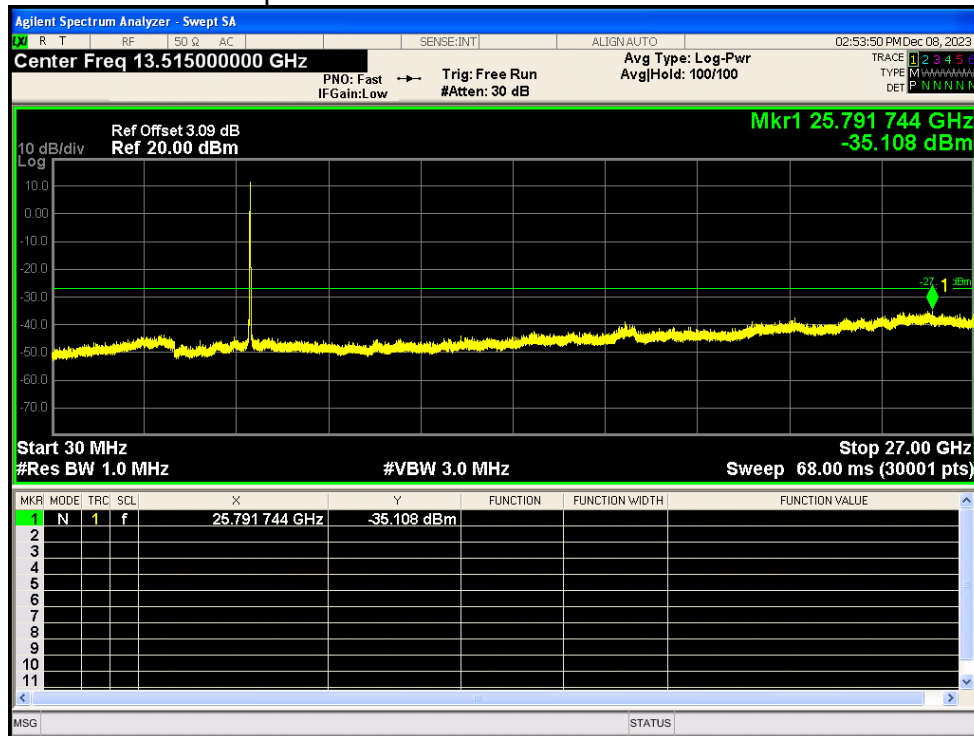
Tx. Spurious NVNT a 5745MHz Ant1 Emission



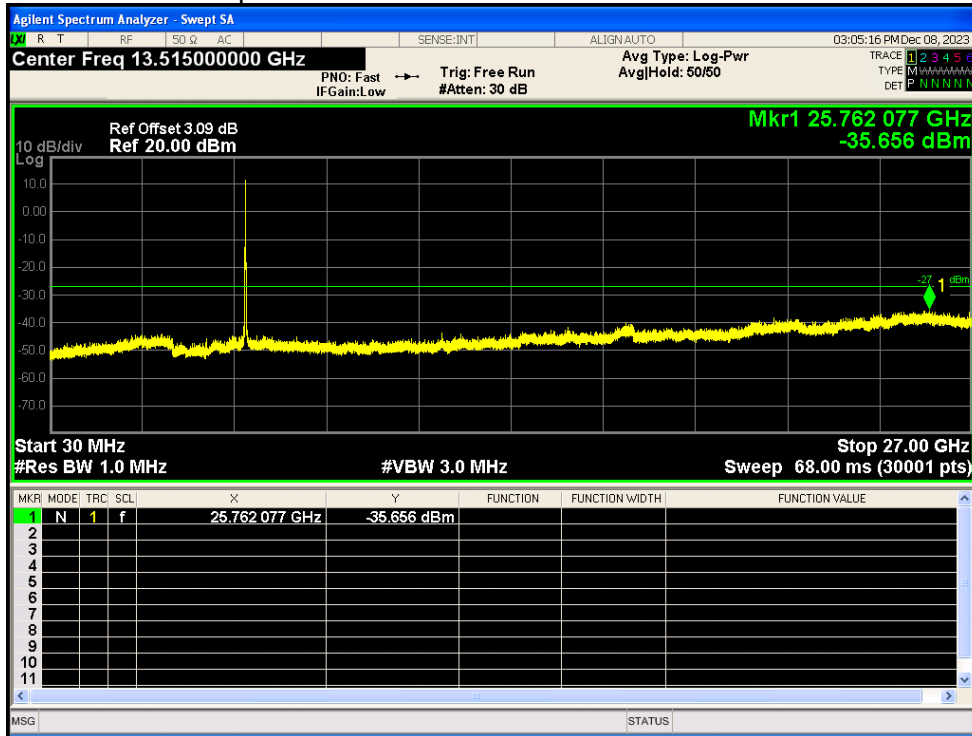
Tx. Spurious NVNT a 5785MHz Ant1 Emission



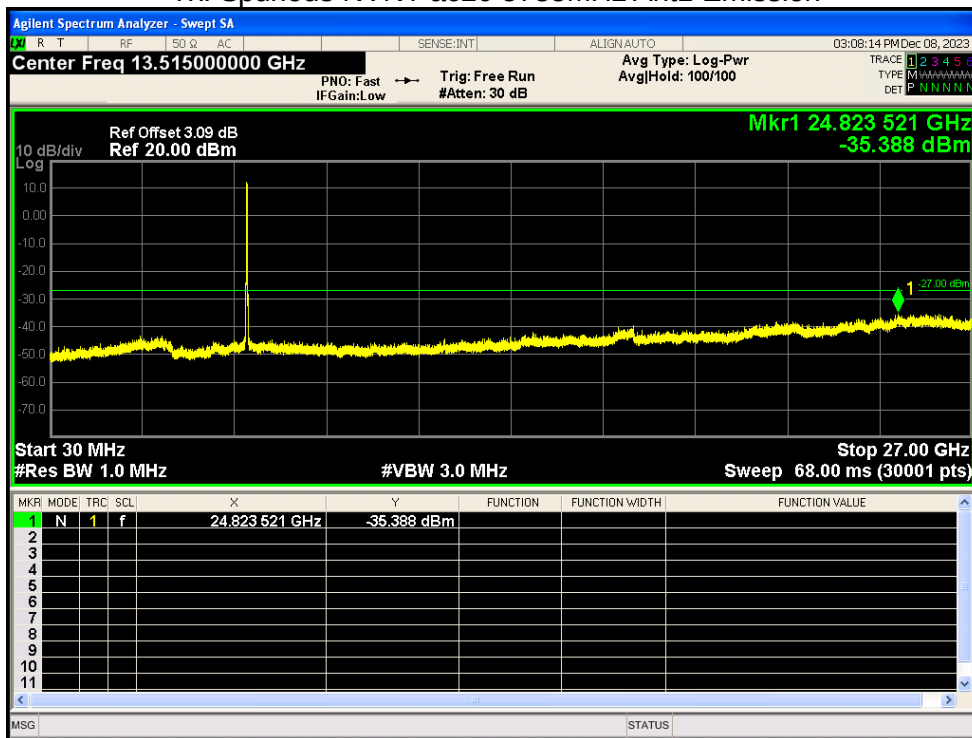
Tx. Spurious NVNT a 5825MHz Ant1 Emission



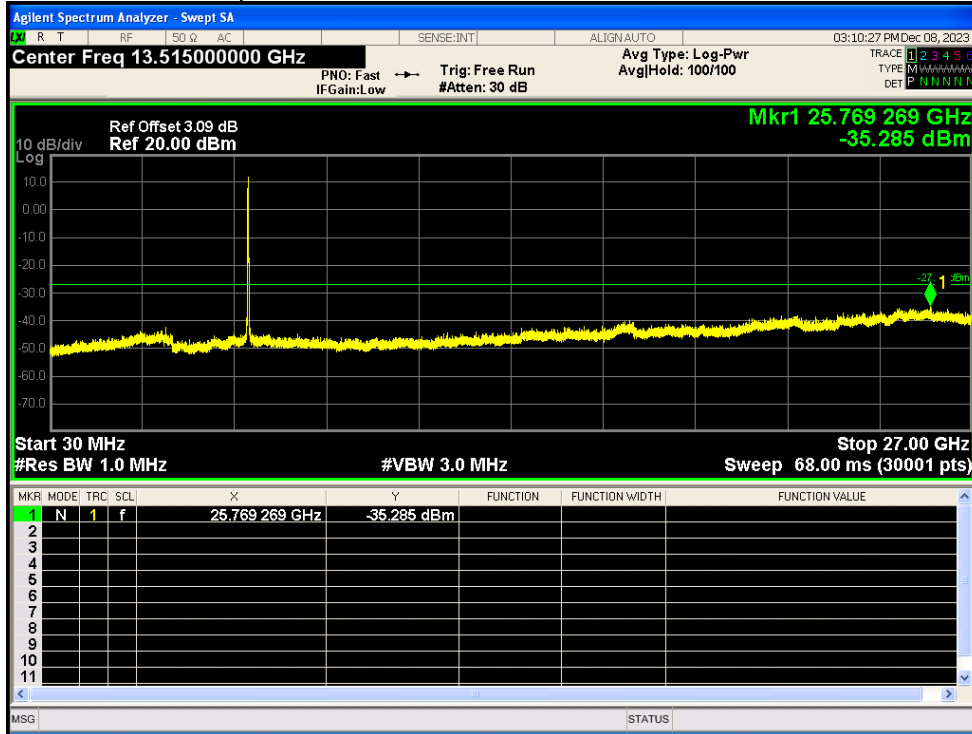
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



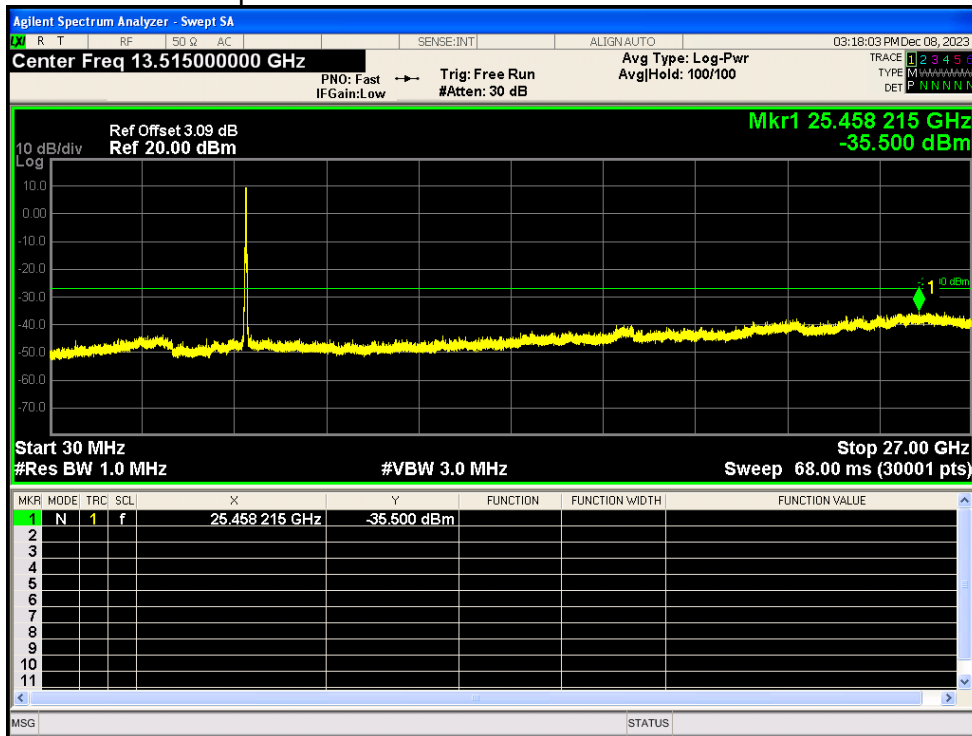
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



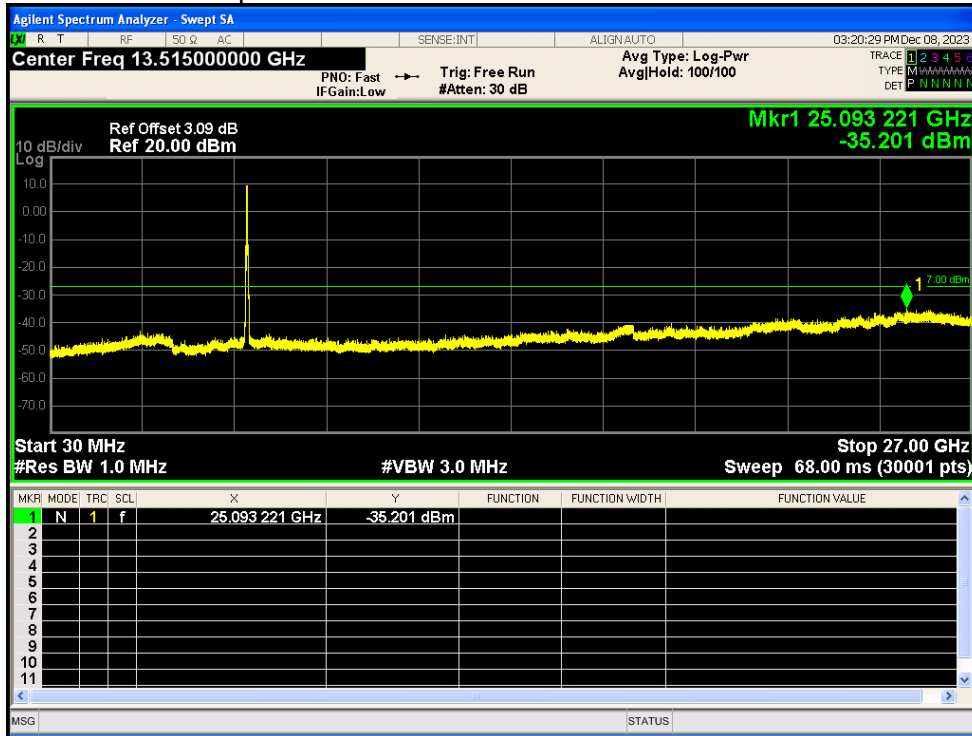
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



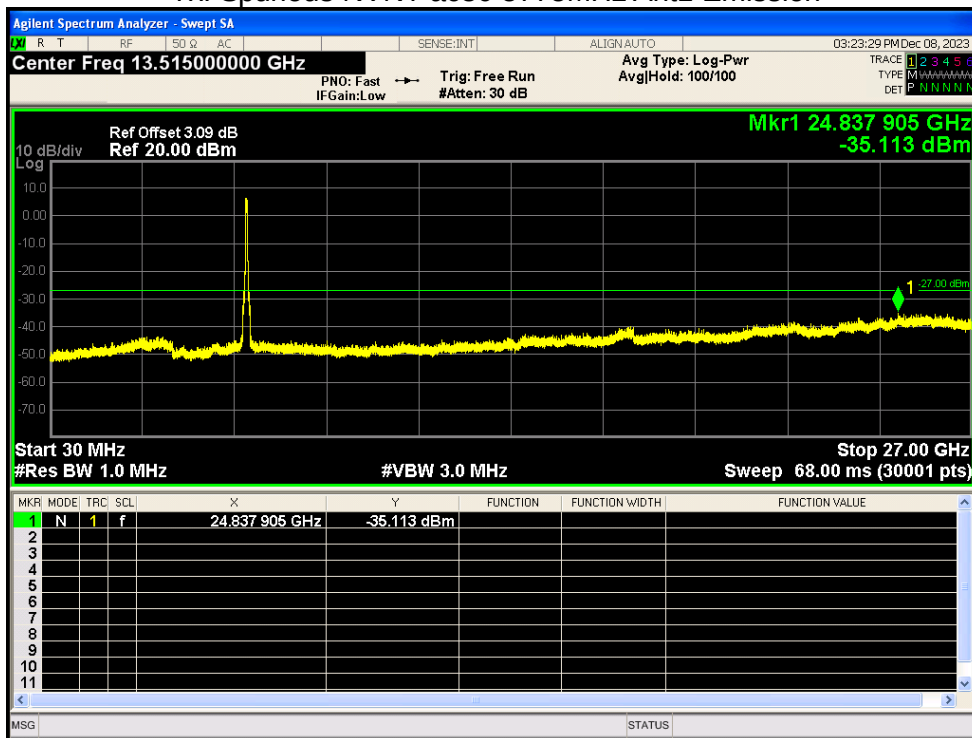
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



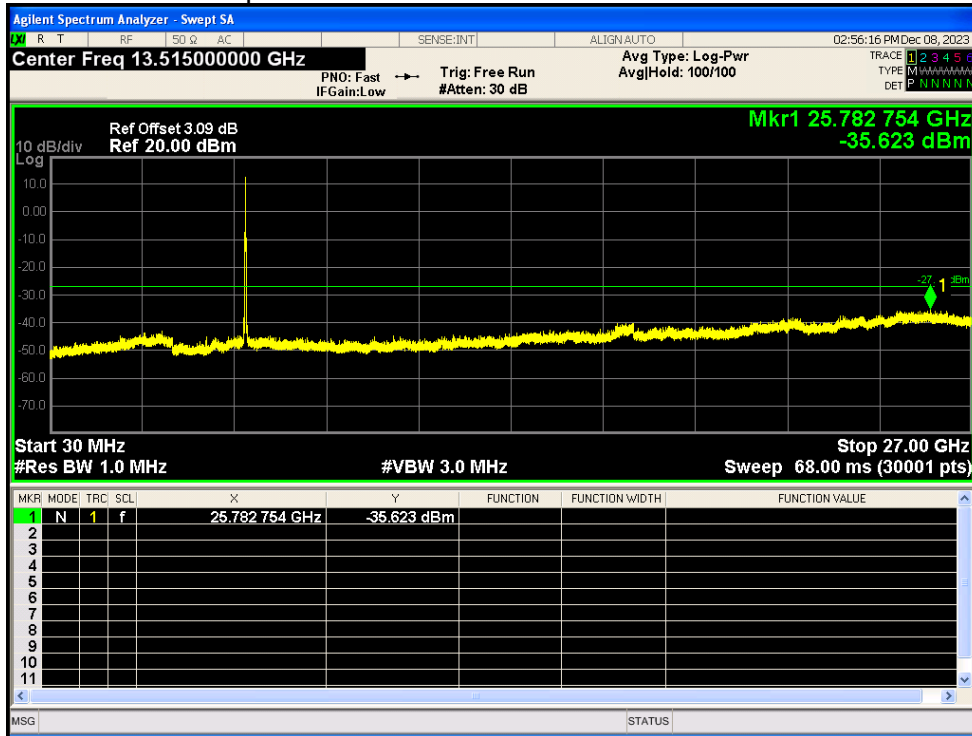
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



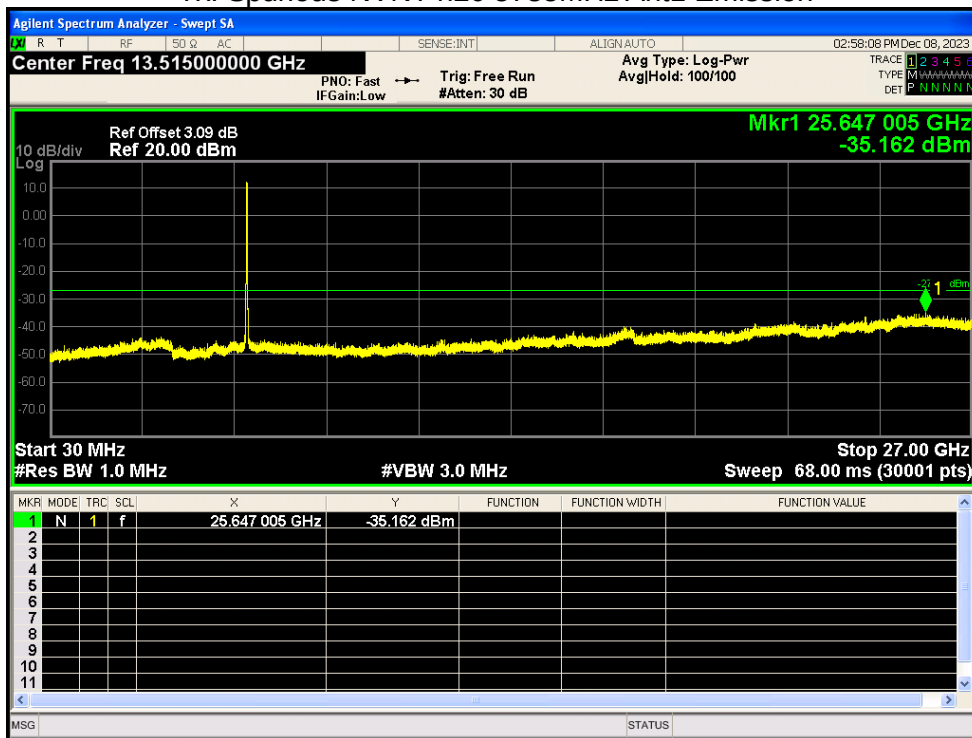
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



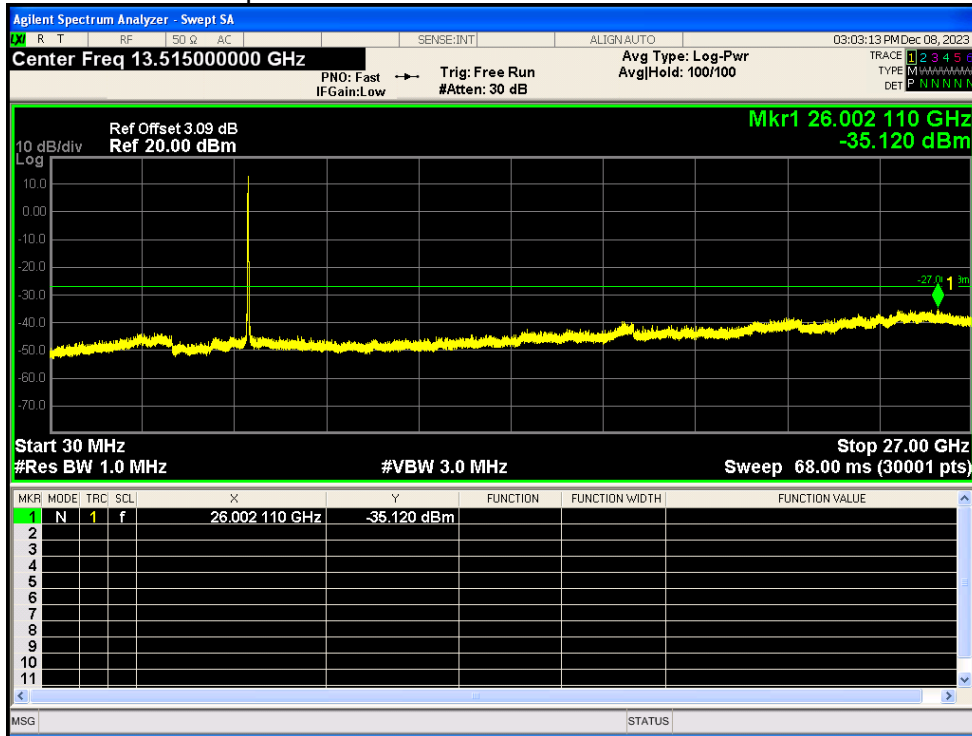
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



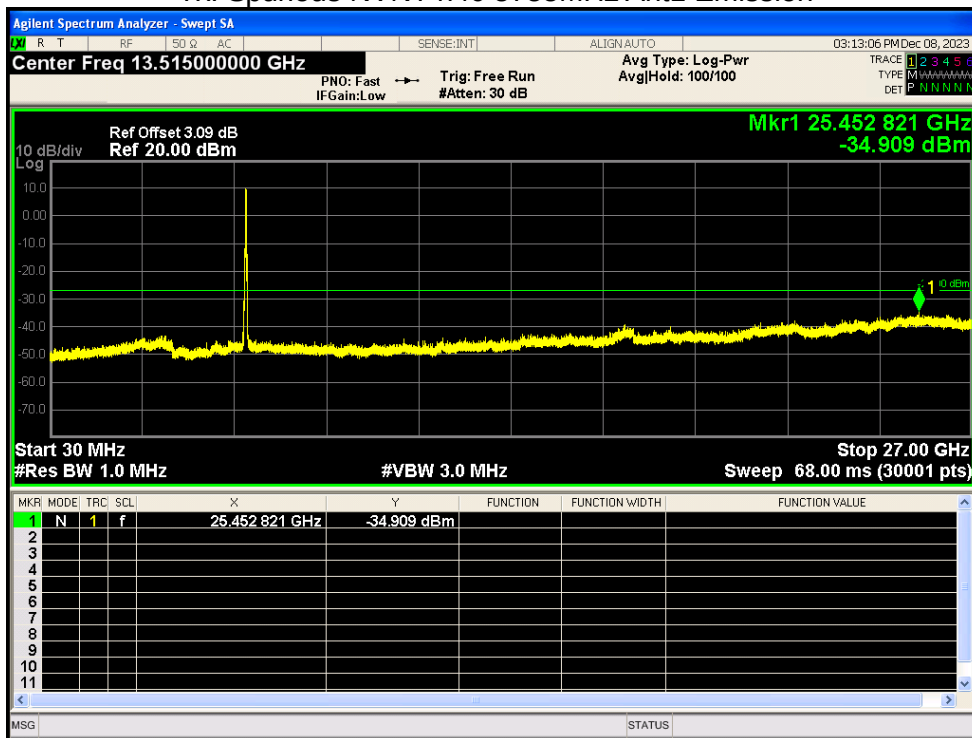
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



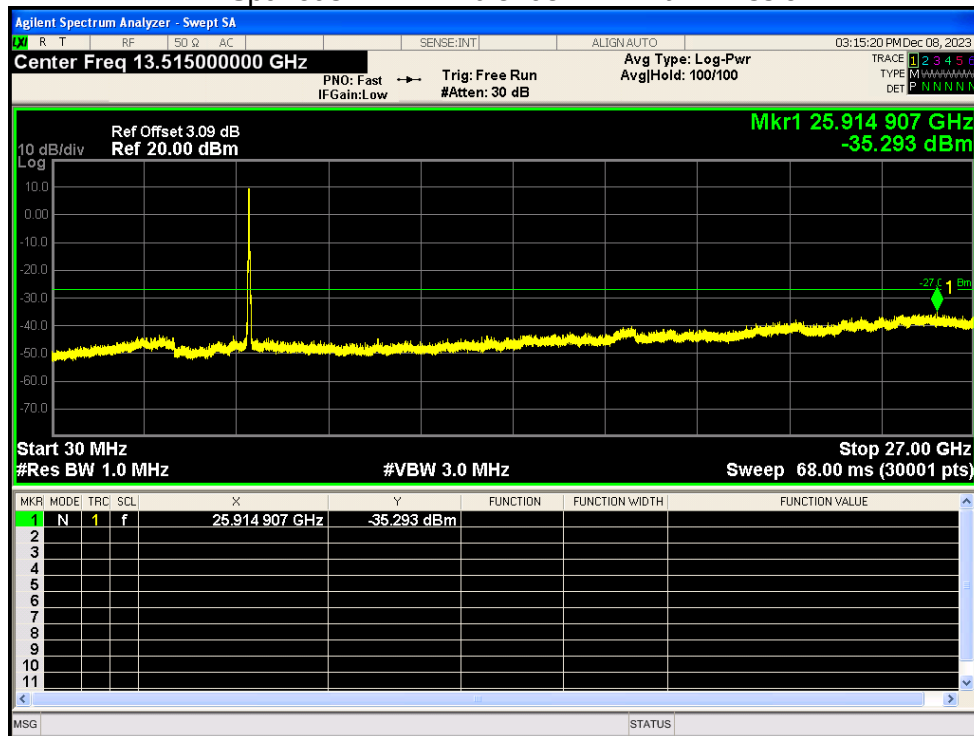
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT