

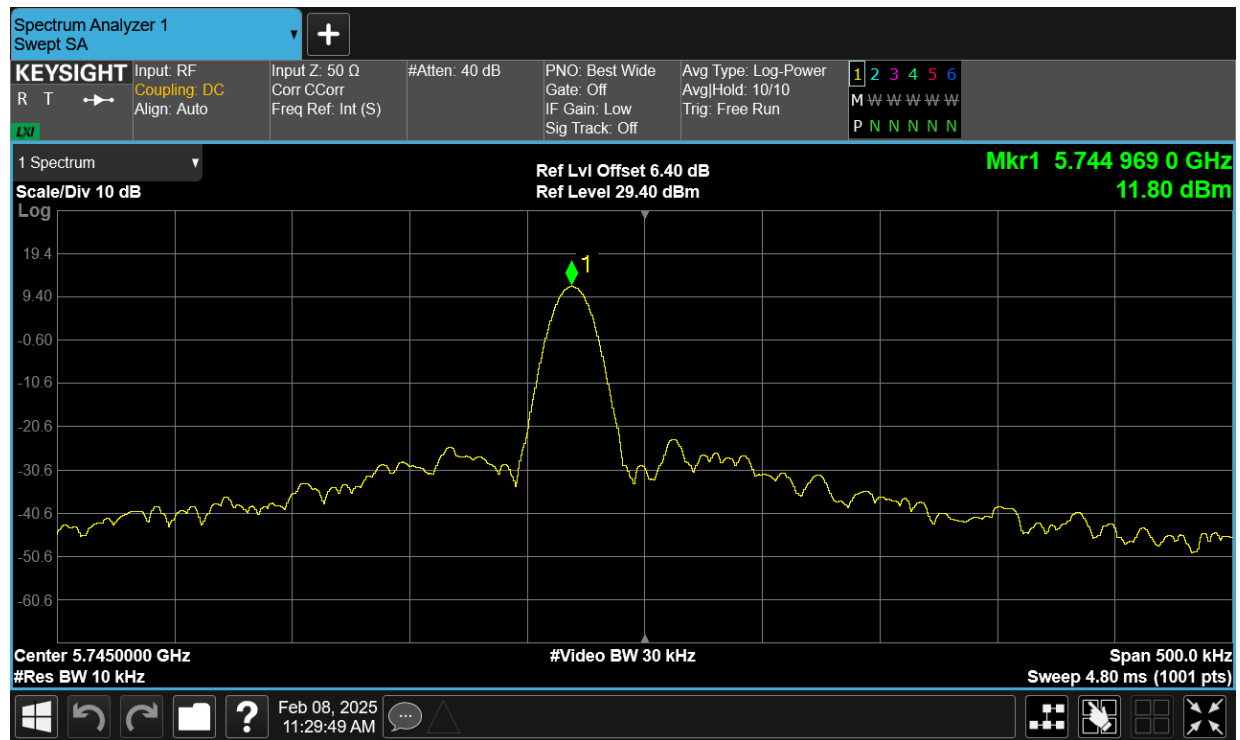
Test Data

Frequency Stability

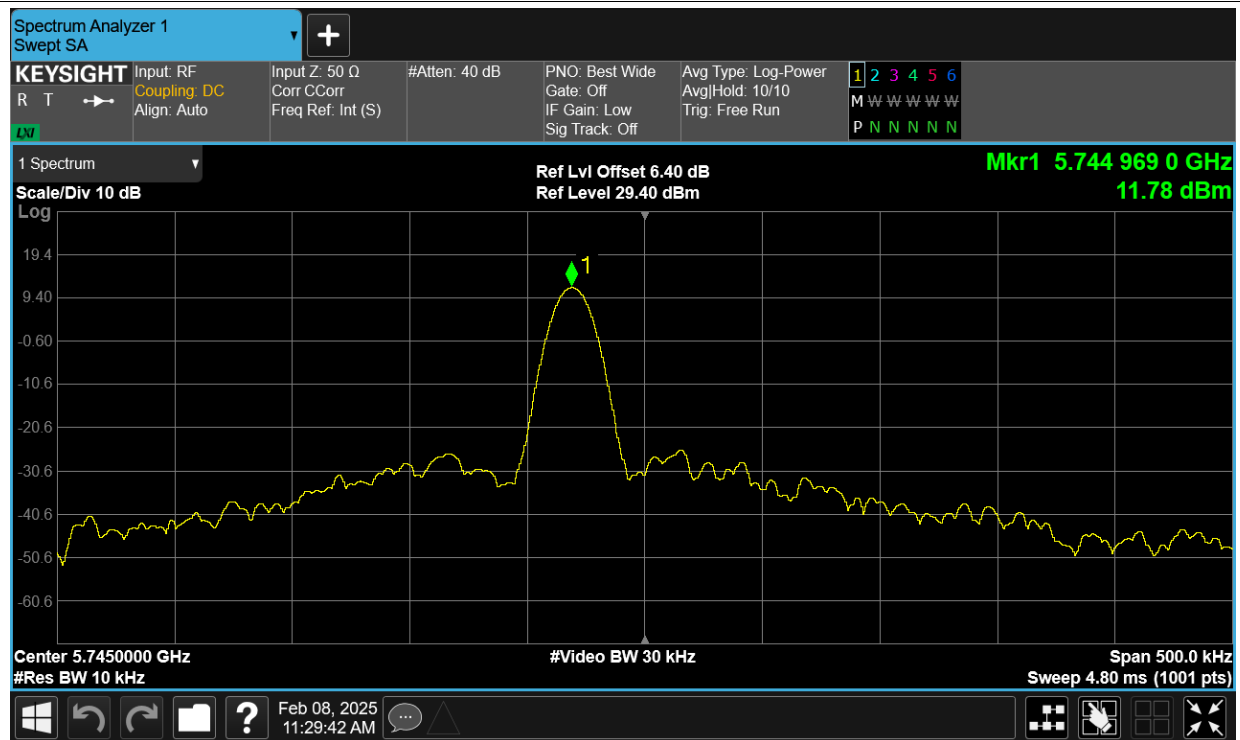
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.969	-5.4	25	Pass
LVNT	a	5745	Ant1	5744.969	-5.4	25	Pass
NVHT	a	5745	Ant1	5744.969	-5.4	25	Pass
NVLT	a	5745	Ant1	5744.969	-5.4	25	Pass
NVNT	a	5745	Ant1	5744.969	-5.4	25	Pass
HVNT	n40	5755	Ant1	5754.969	-5.39	25	Pass
LVNT	n40	5755	Ant1	5754.969	-5.39	25	Pass
NVHT	n40	5755	Ant1	5754.969	-5.39	25	Pass
NVLT	n40	5755	Ant1	5754.969	-5.39	25	Pass
NVNT	n40	5755	Ant1	5754.969	-5.39	25	Pass

Test Graphs

Freq. Stability HVNT a 5745MHz Ant1



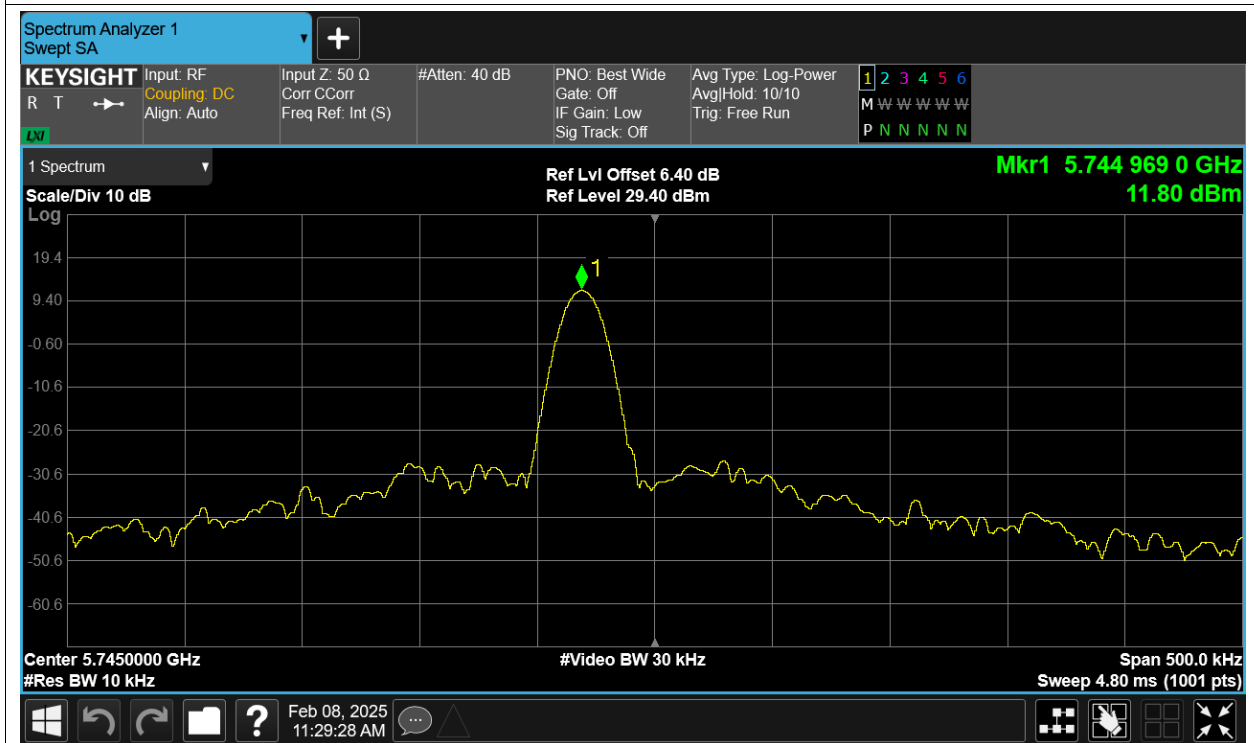
Freq. Stability LVNT a 5745MHz Ant1



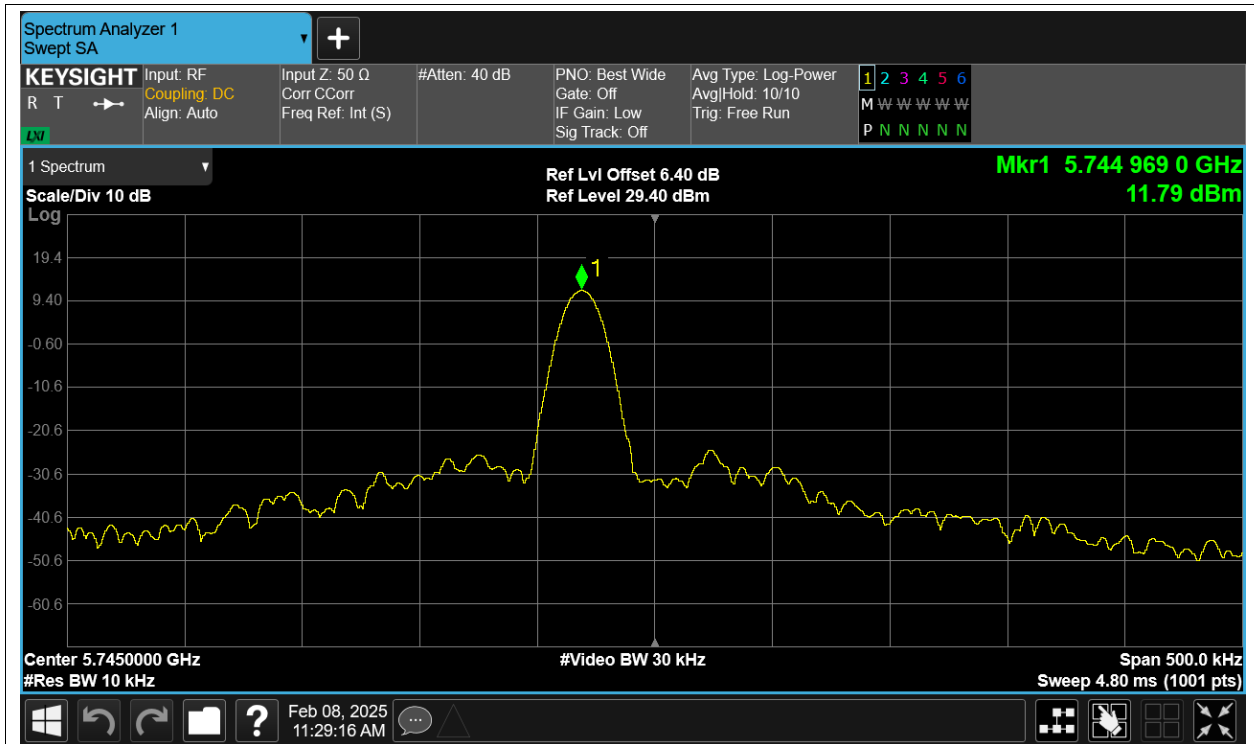
Freq. Stability NVHT a 5745MHz Ant1



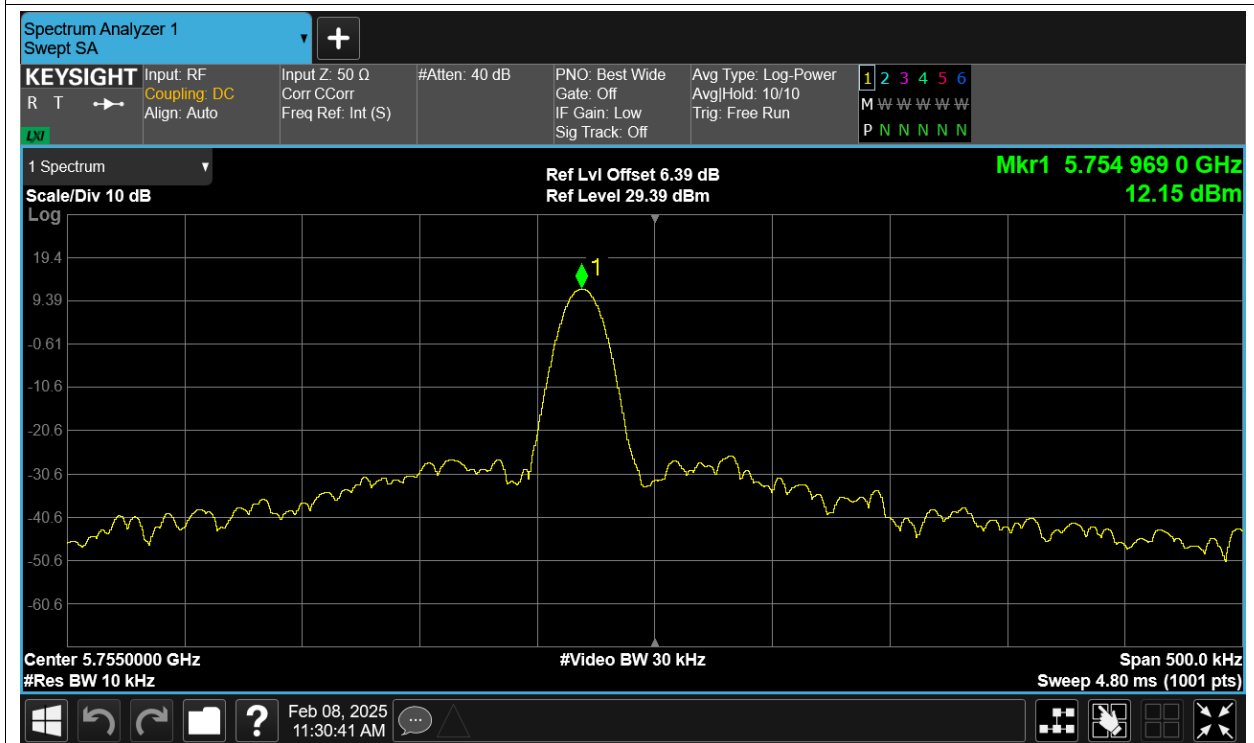
Freq. Stability NVLT a 5745MHz Ant1



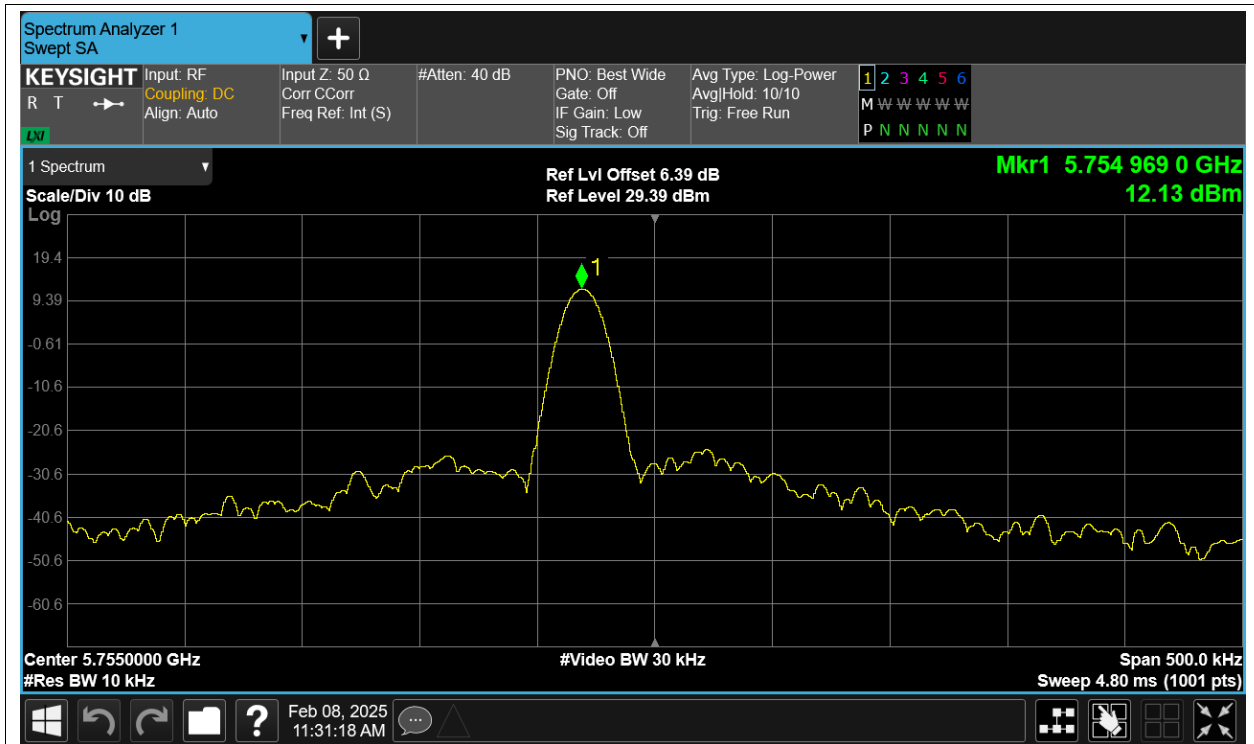
Freq. Stability NVNT a 5745MHz Ant1



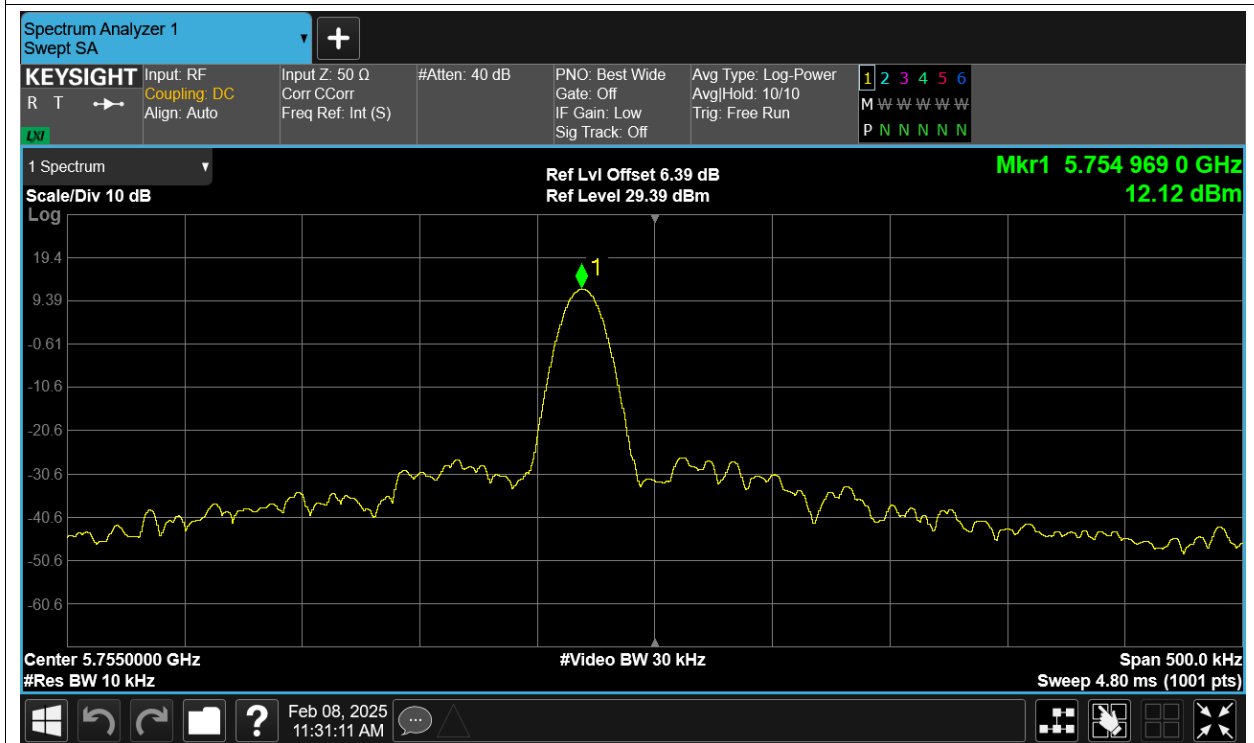
Freq. Stability HVNT n40 5755MHz Ant1



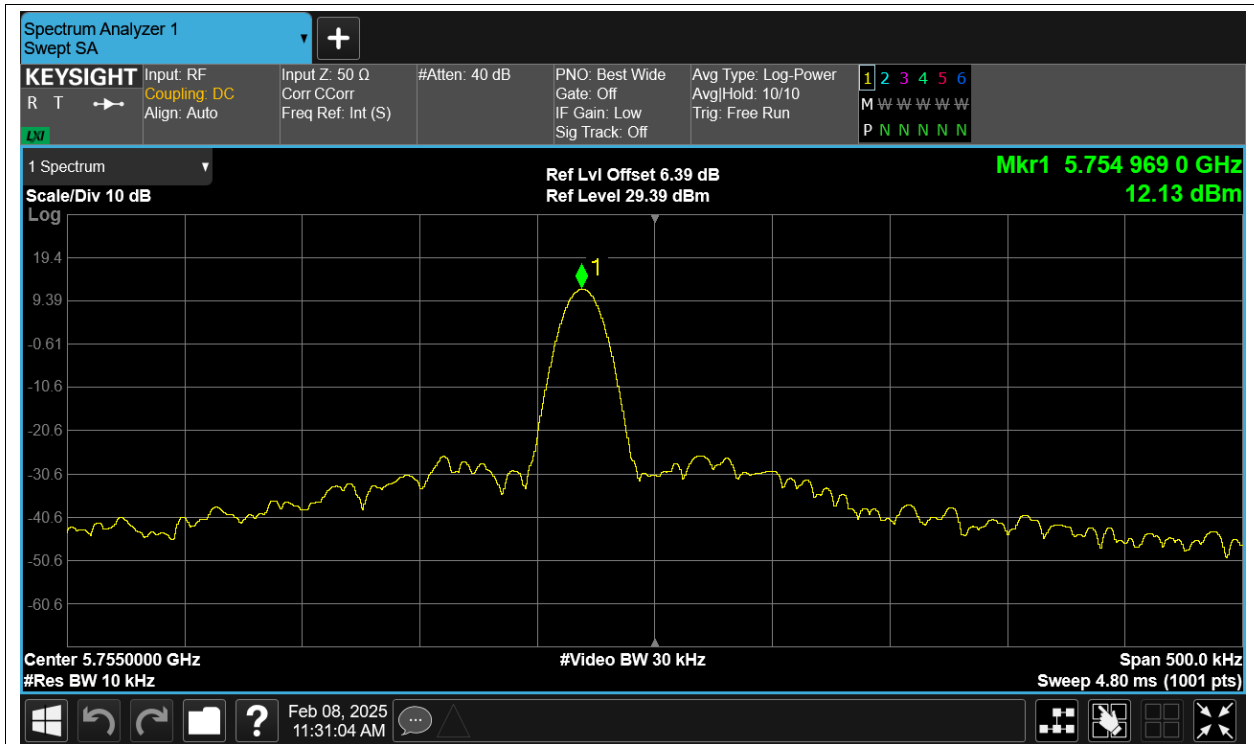
Freq. Stability LVNT n40 5755MHz Ant1



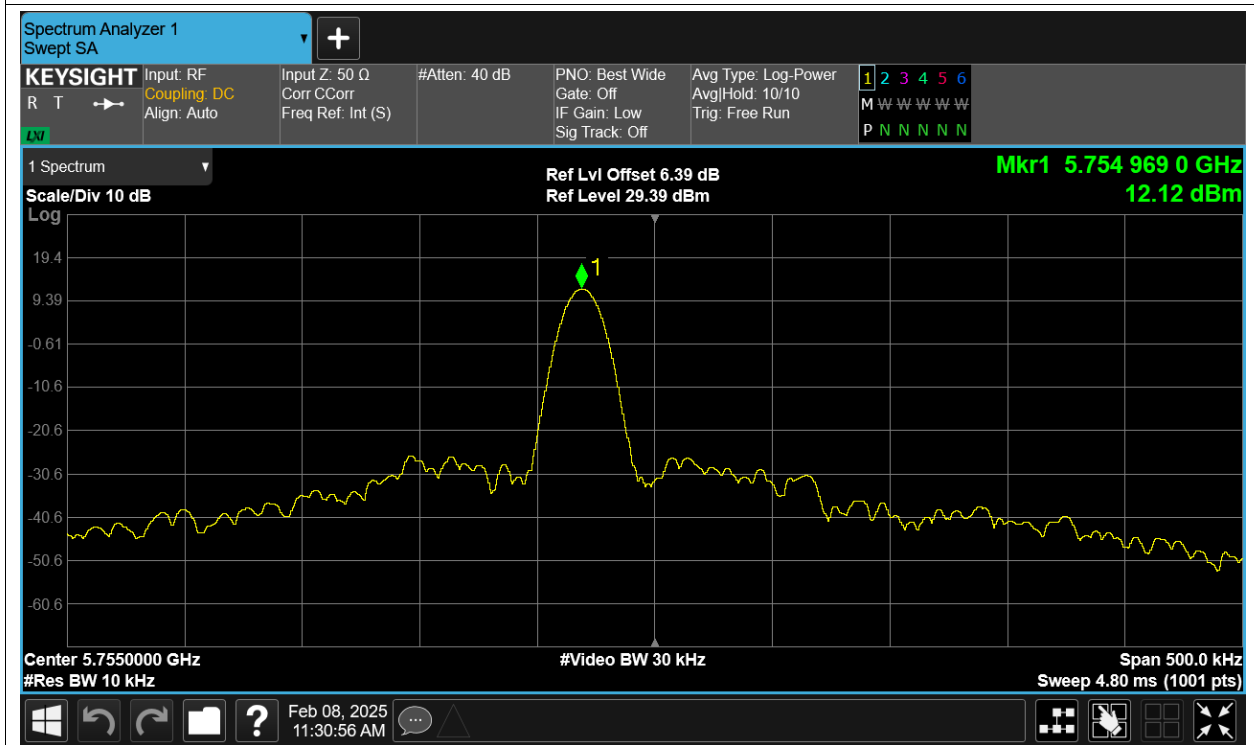
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1

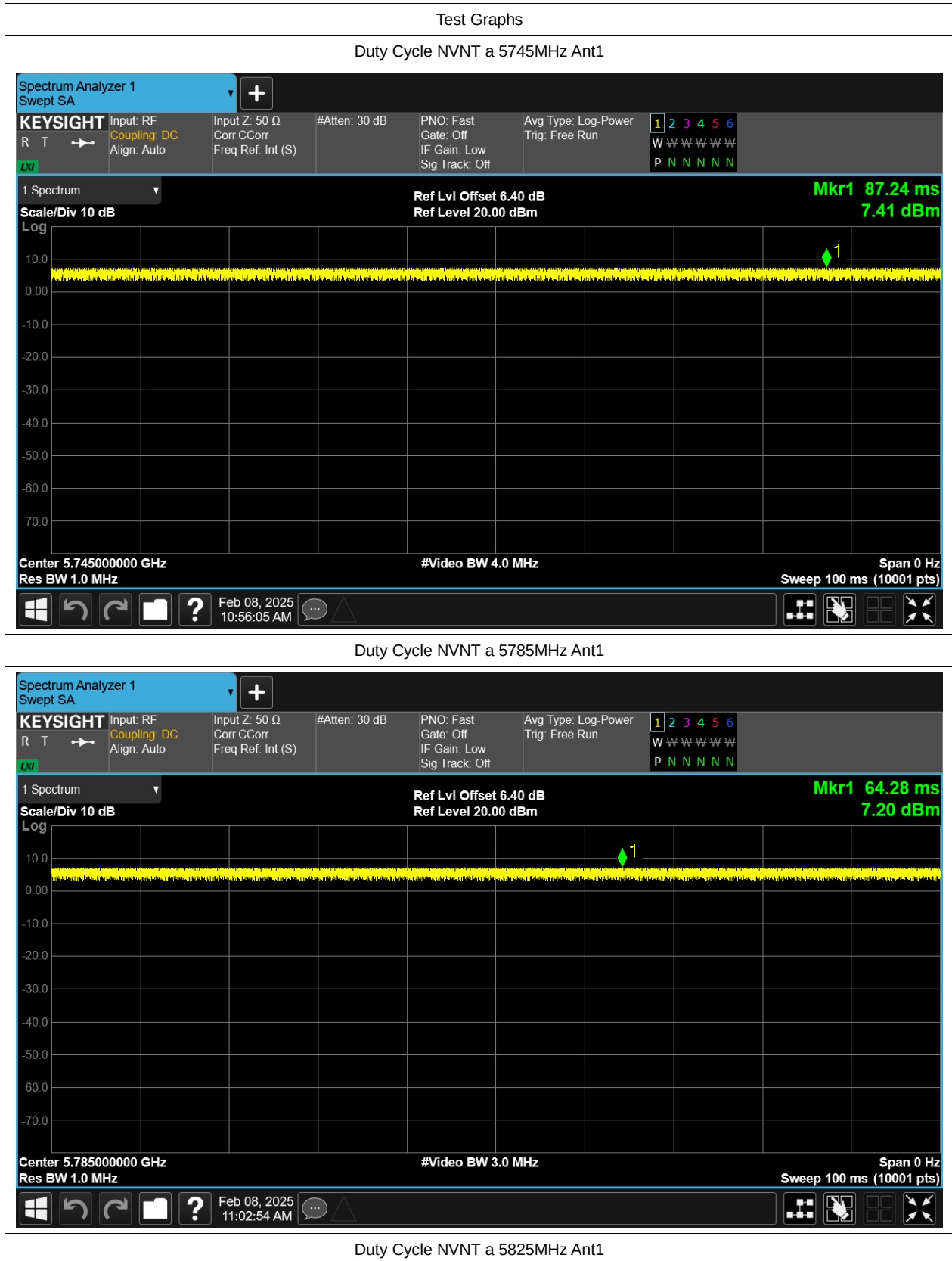


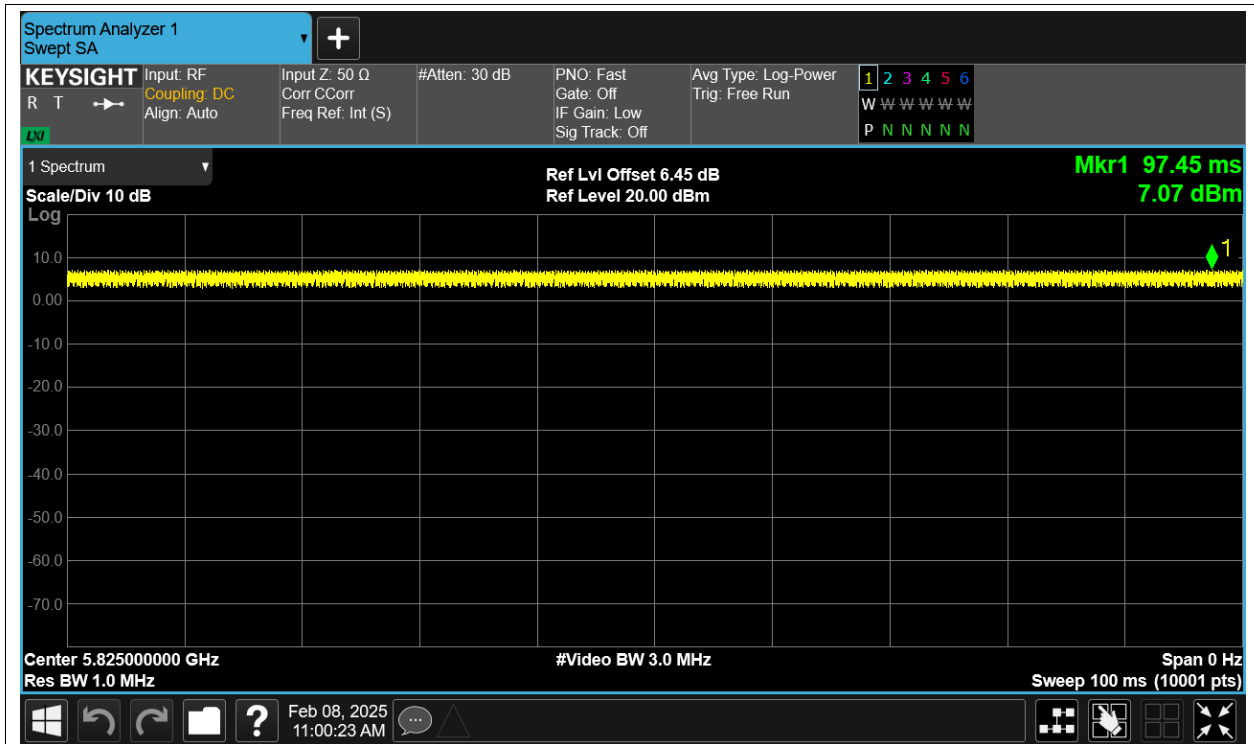
Freq. Stability NVNT n40 5755MHz Ant1



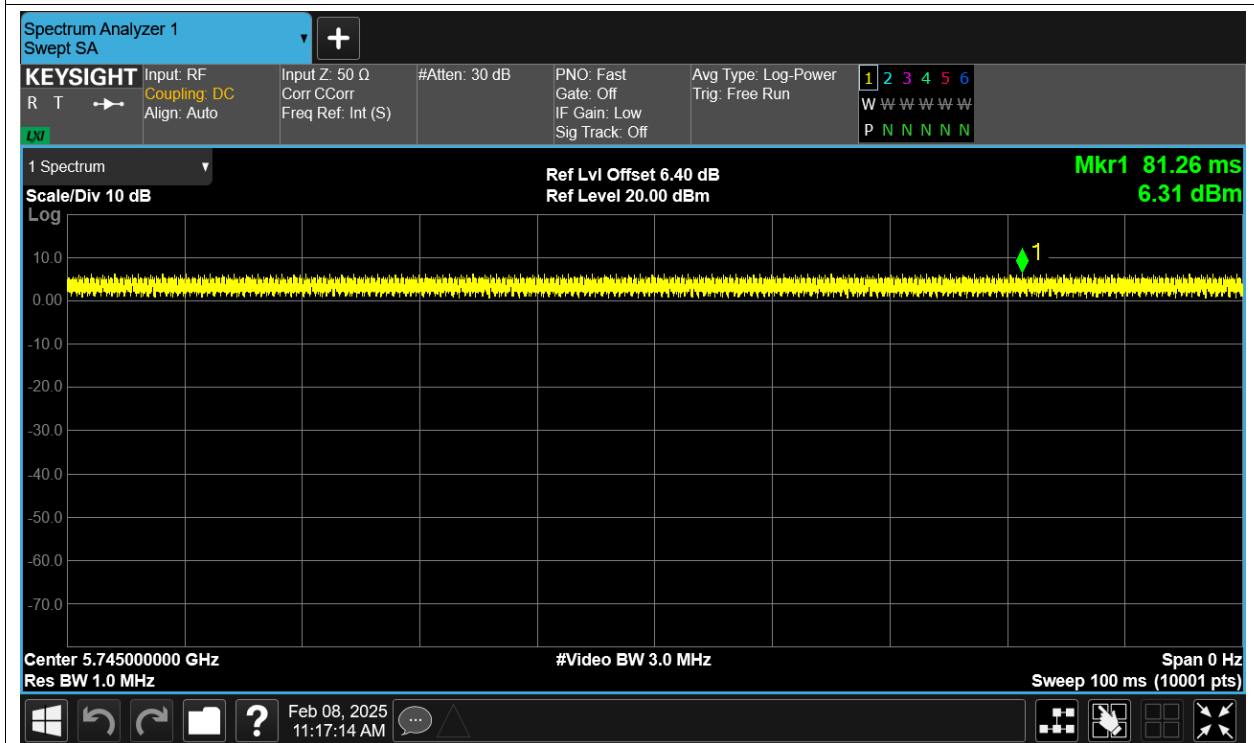
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

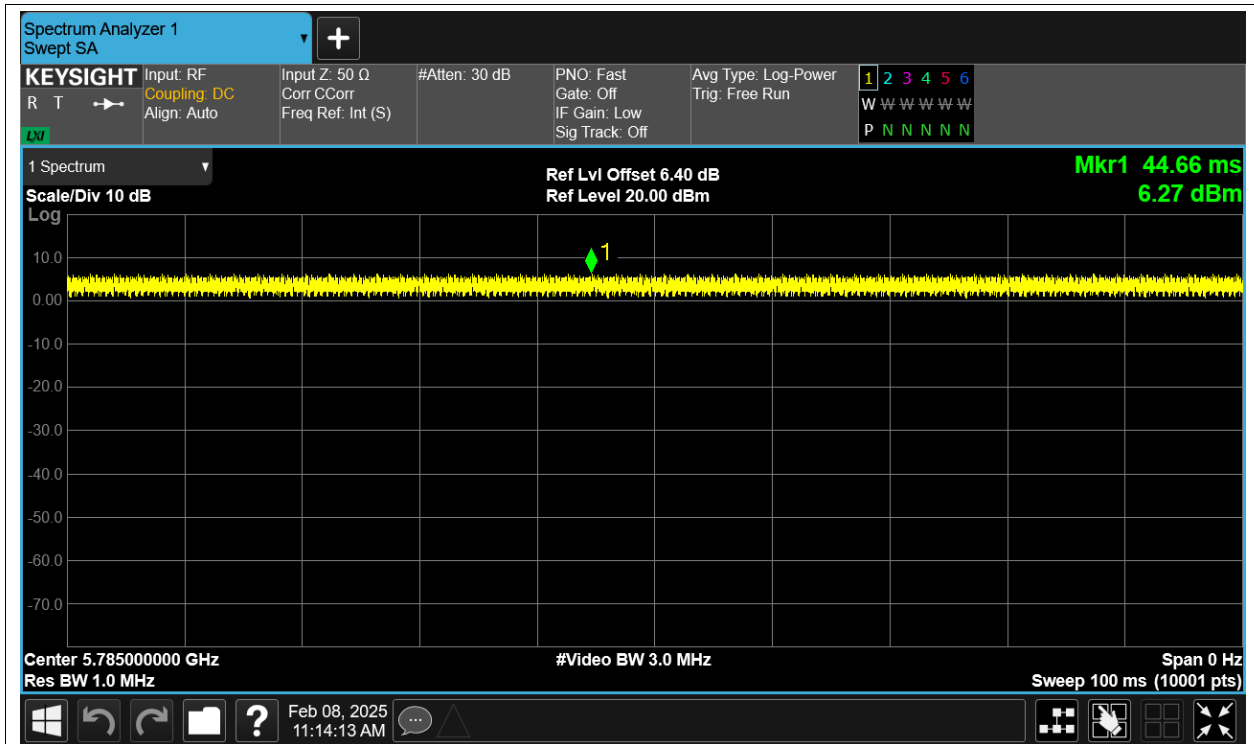




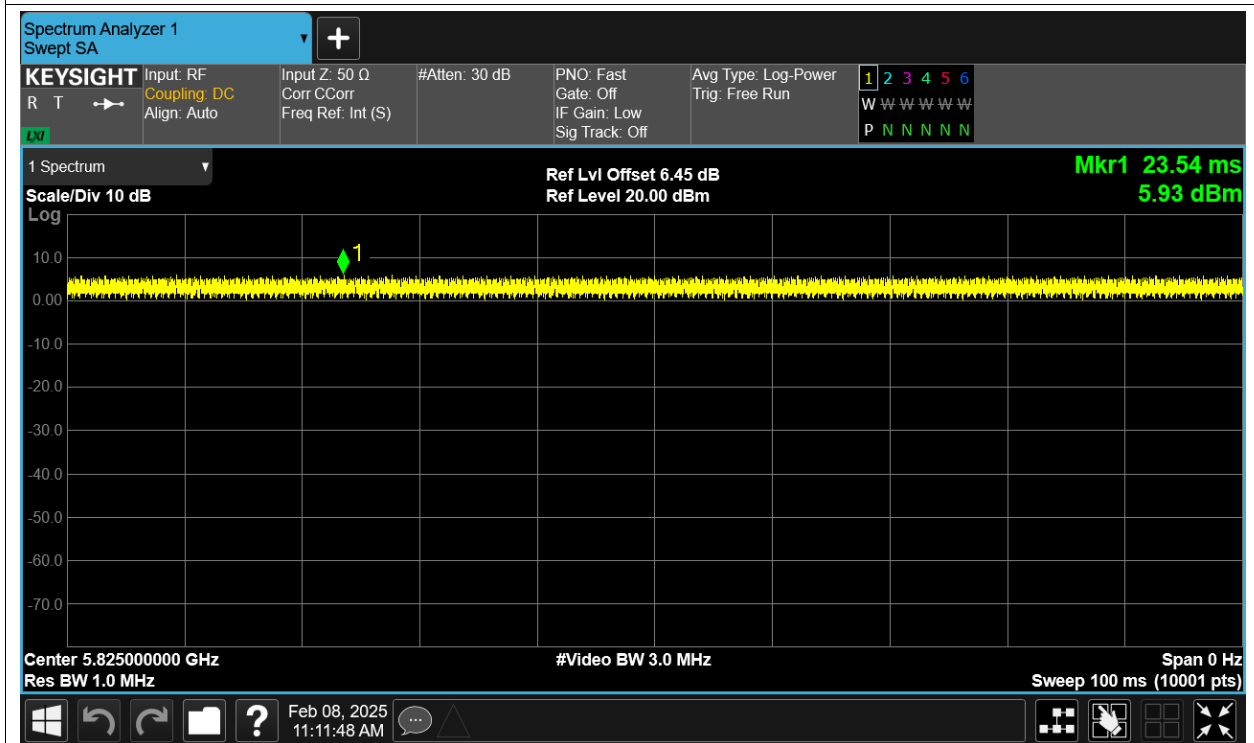
Duty Cycle NVNT ac20 5745MHz Ant1



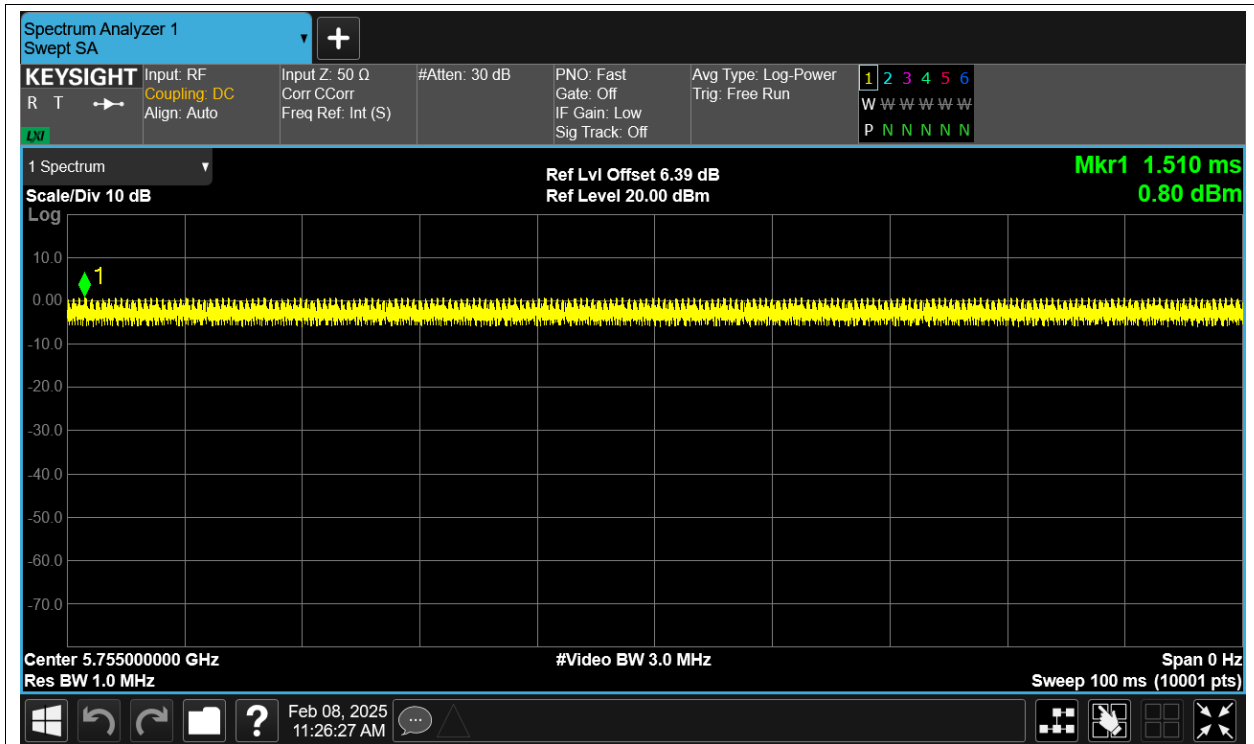
Duty Cycle NVNT ac20 5785MHz Ant1



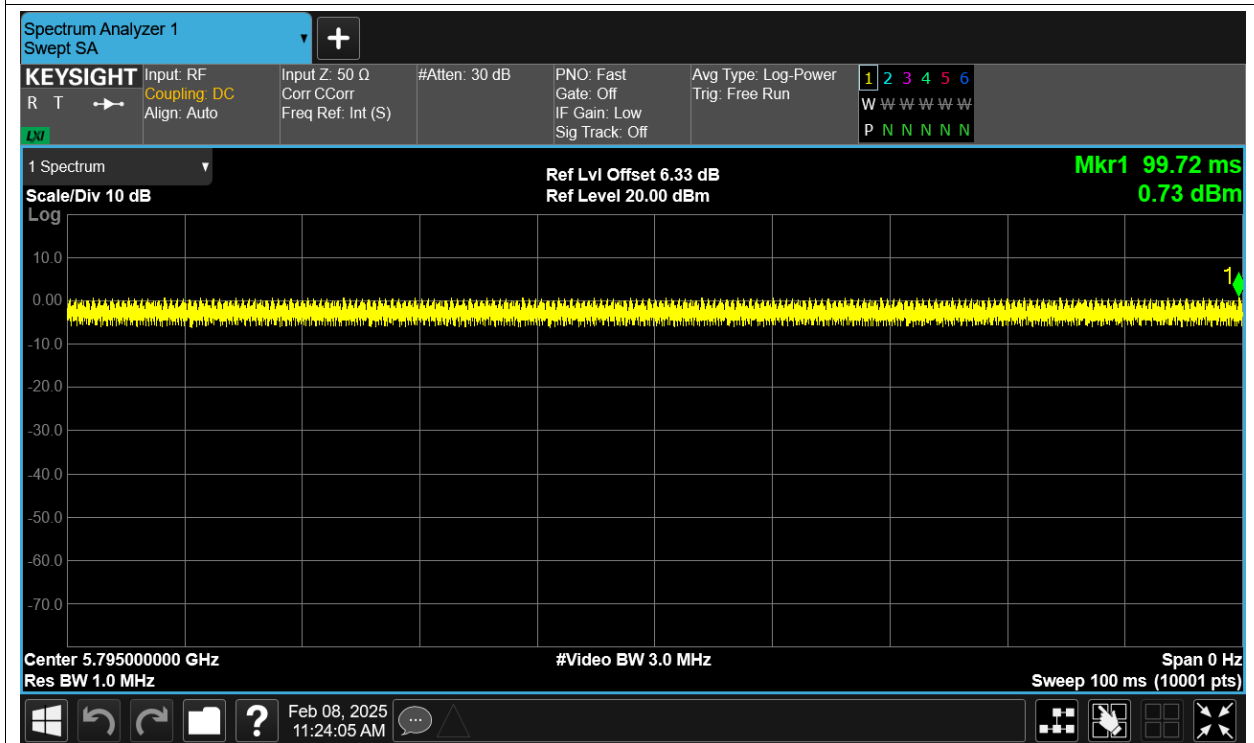
Duty Cycle NVNT ac20 5825MHz Ant1



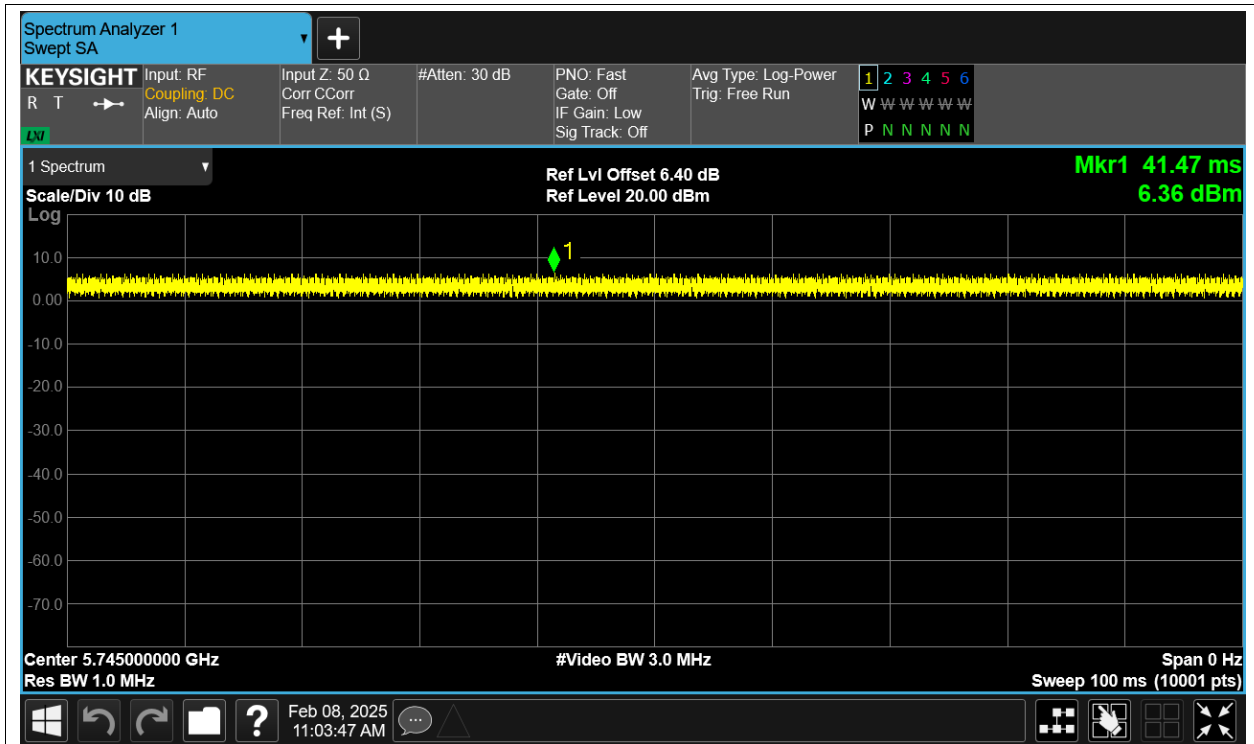
Duty Cycle NVNT ac40 5755MHz Ant1



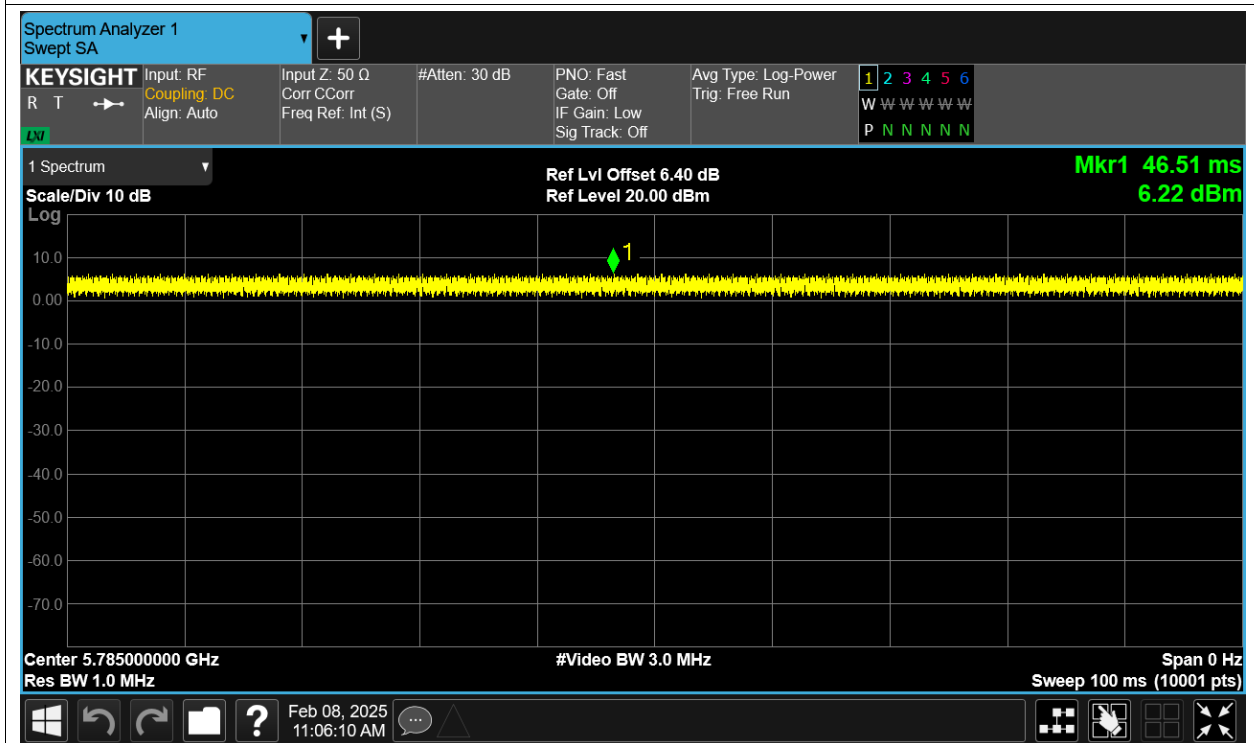
Duty Cycle NVNT ac40 5795MHz Ant1



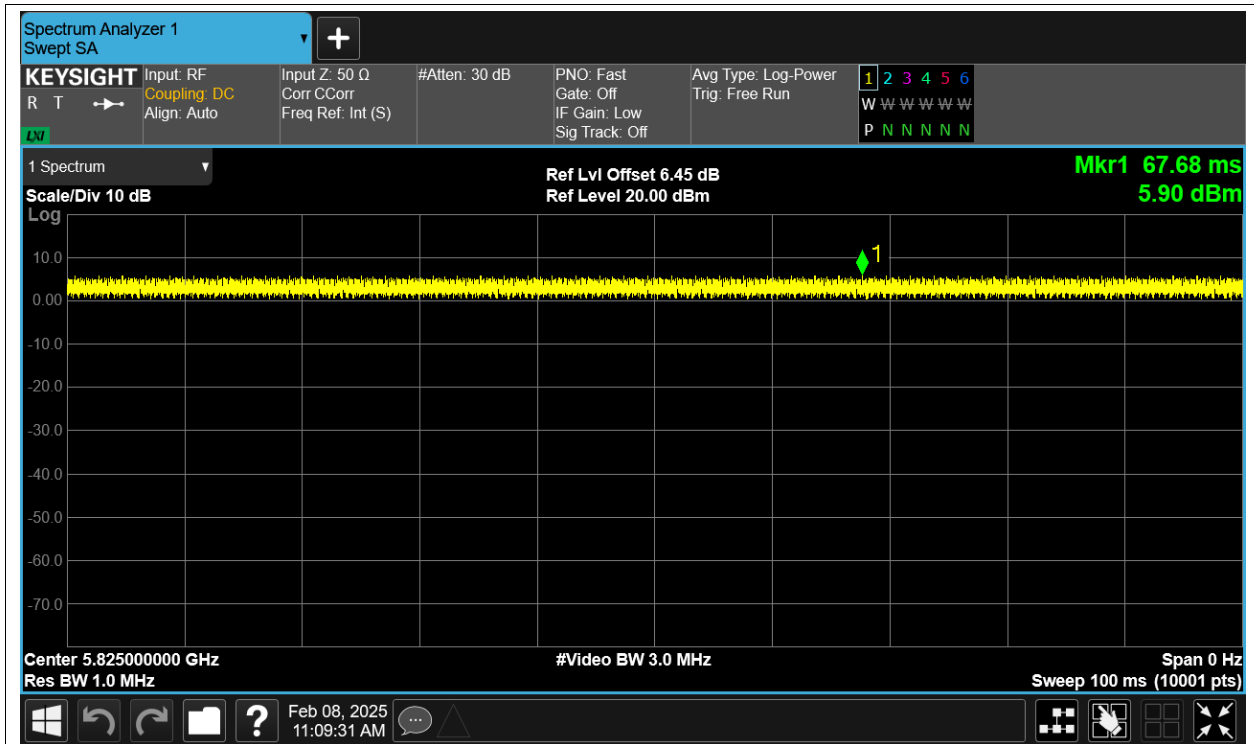
Duty Cycle NVNT n20 5745MHz Ant1



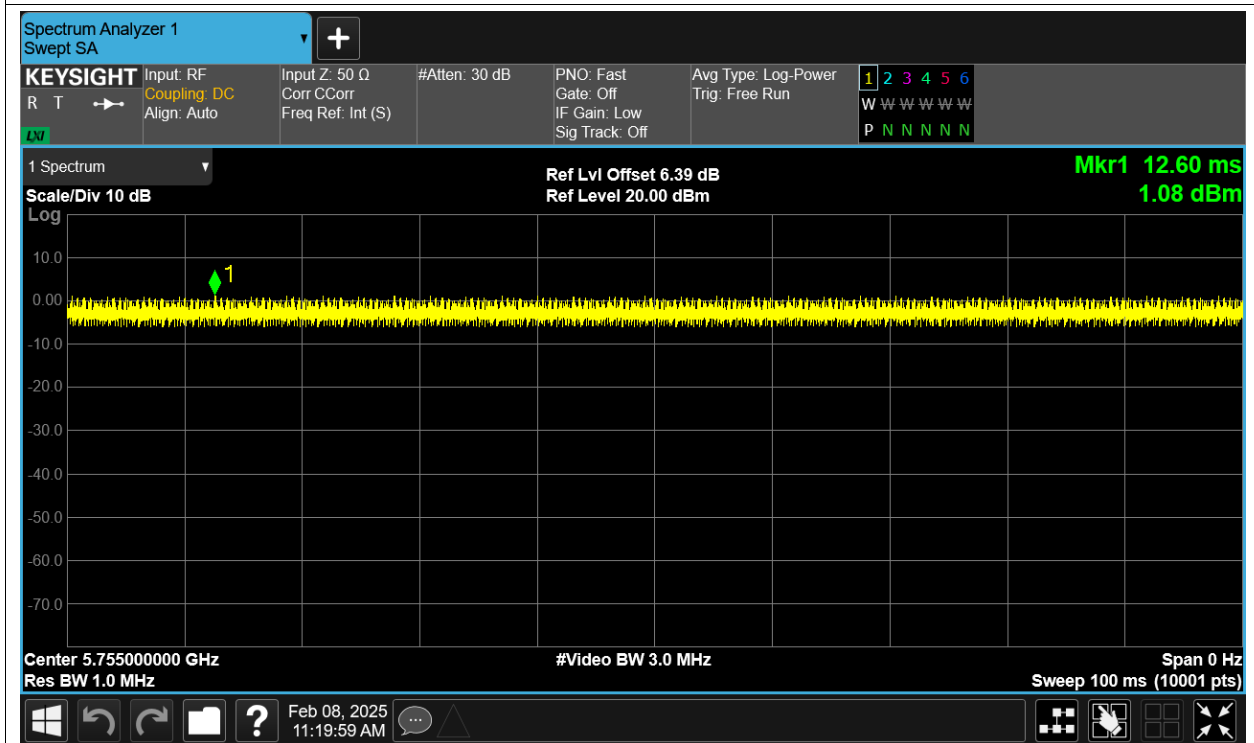
Duty Cycle NVNT n20 5785MHz Ant1



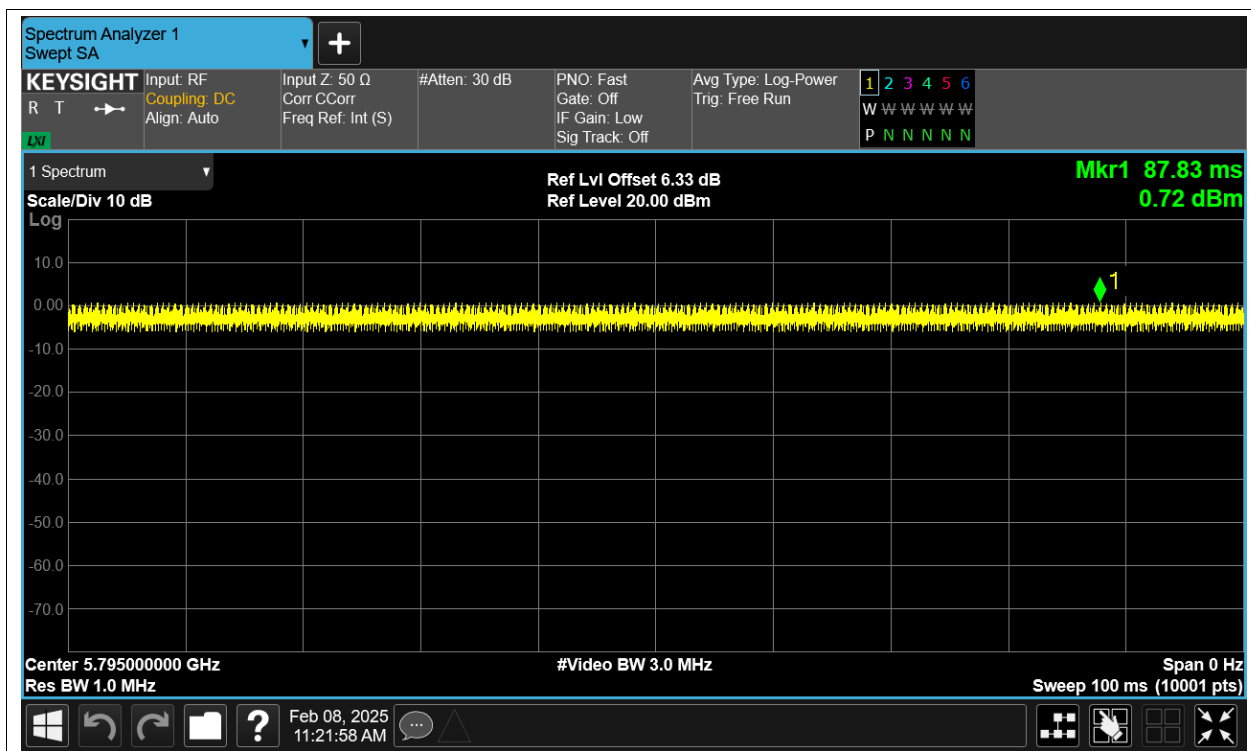
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

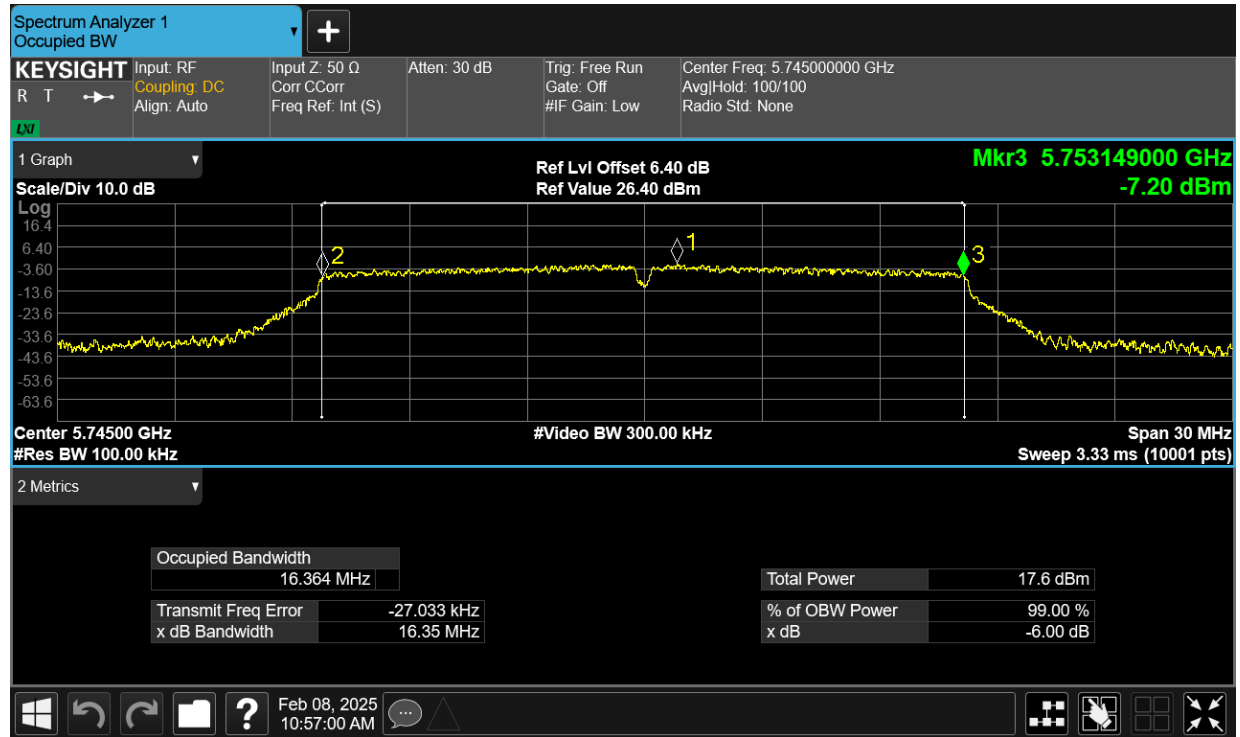
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.94	0	11.94	30	Pass
NVNT	a	5785	Ant1	12.7	0	12.7	30	Pass
NVNT	a	5825	Ant1	11.38	0	11.38	30	Pass
NVNT	ac20	5745	Ant1	11.34	0	11.34	30	Pass
NVNT	ac20	5785	Ant1	12.31	0	12.31	30	Pass
NVNT	ac20	5825	Ant1	10.92	0	10.92	30	Pass
NVNT	ac40	5755	Ant1	11.32	0	11.32	30	Pass
NVNT	ac40	5795	Ant1	11.98	0	11.98	30	Pass
NVNT	n20	5745	Ant1	11.37	0	11.37	30	Pass
NVNT	n20	5785	Ant1	12.34	0	12.34	30	Pass
NVNT	n20	5825	Ant1	10.89	0	10.89	30	Pass
NVNT	n40	5755	Ant1	11.13	0	11.13	30	Pass
NVNT	n40	5795	Ant1	11.82	0	11.82	30	Pass

-6dB Bandwidth

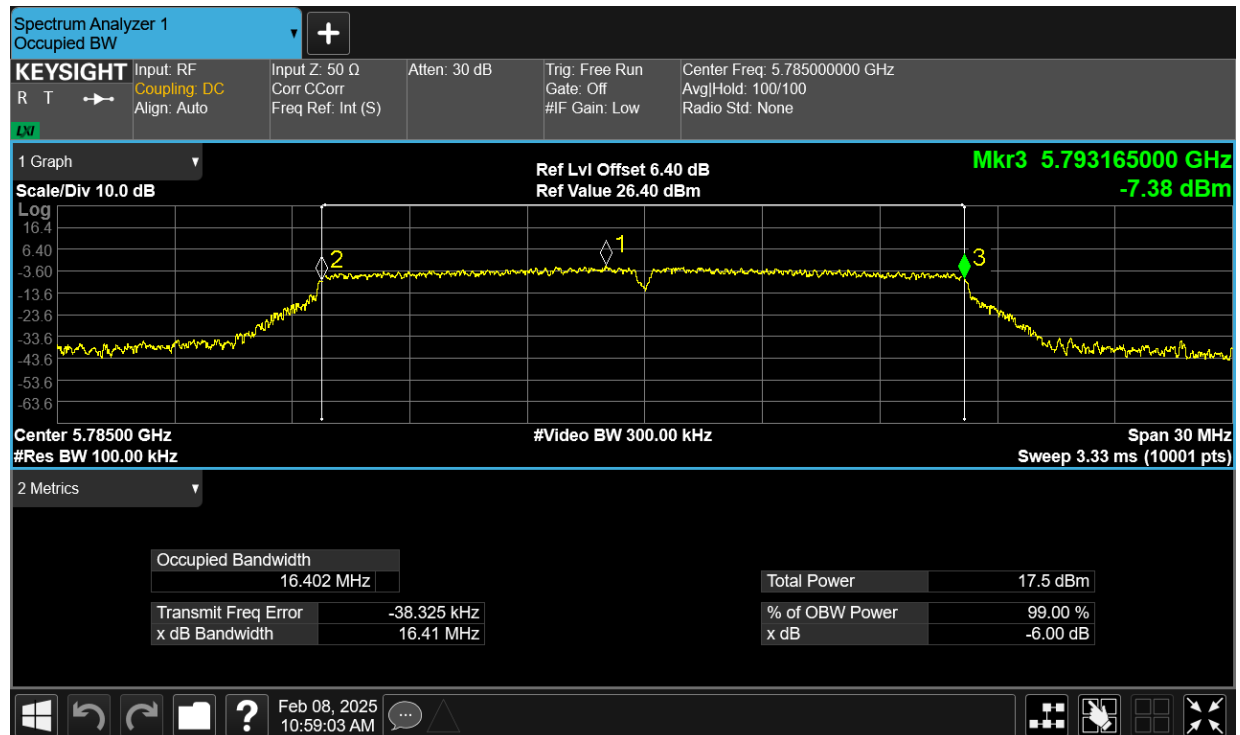
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.351	0.5	Pass
NVNT	a	5785	Ant1	16.406	0.5	Pass
NVNT	a	5825	Ant1	16.365	0.5	Pass
NVNT	ac20	5745	Ant1	17.796	0.5	Pass
NVNT	ac20	5785	Ant1	17.807	0.5	Pass
NVNT	ac20	5825	Ant1	17.796	0.5	Pass
NVNT	ac40	5755	Ant1	36.437	0.5	Pass
NVNT	ac40	5795	Ant1	36.441	0.5	Pass
NVNT	n20	5745	Ant1	17.818	0.5	Pass
NVNT	n20	5785	Ant1	17.82	0.5	Pass
NVNT	n20	5825	Ant1	17.822	0.5	Pass
NVNT	n40	5755	Ant1	36.464	0.5	Pass
NVNT	n40	5795	Ant1	36.418	0.5	Pass

Test Graphs

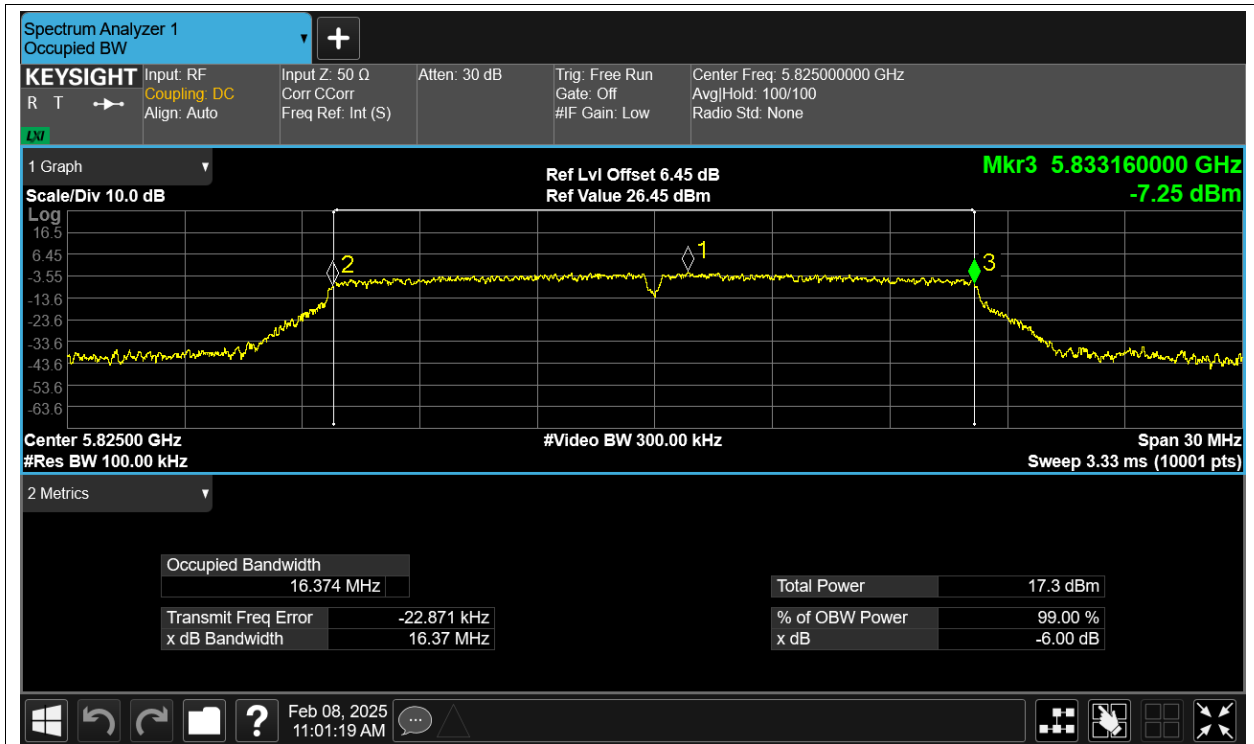
-6dB Bandwidth NVNT a 5745MHz Ant1



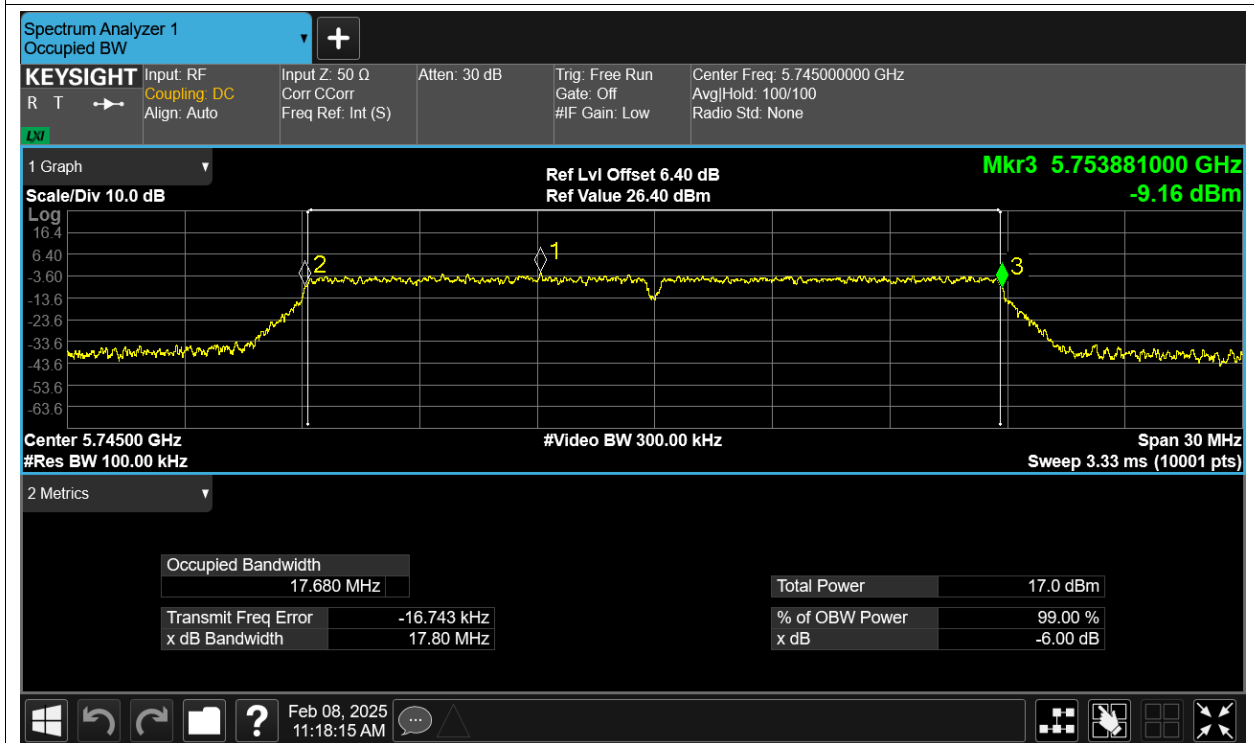
-6dB Bandwidth NVNT a 5785MHz Ant1



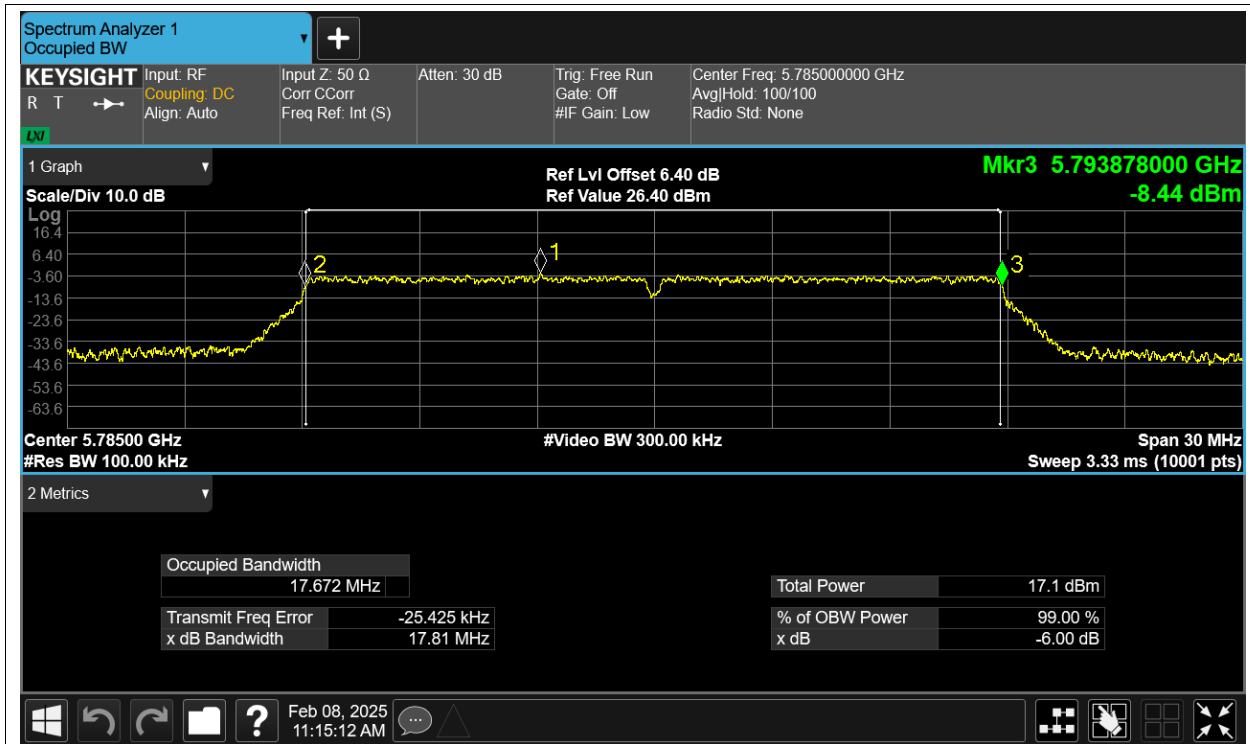
-6dB Bandwidth NVNT a 5825MHz Ant1



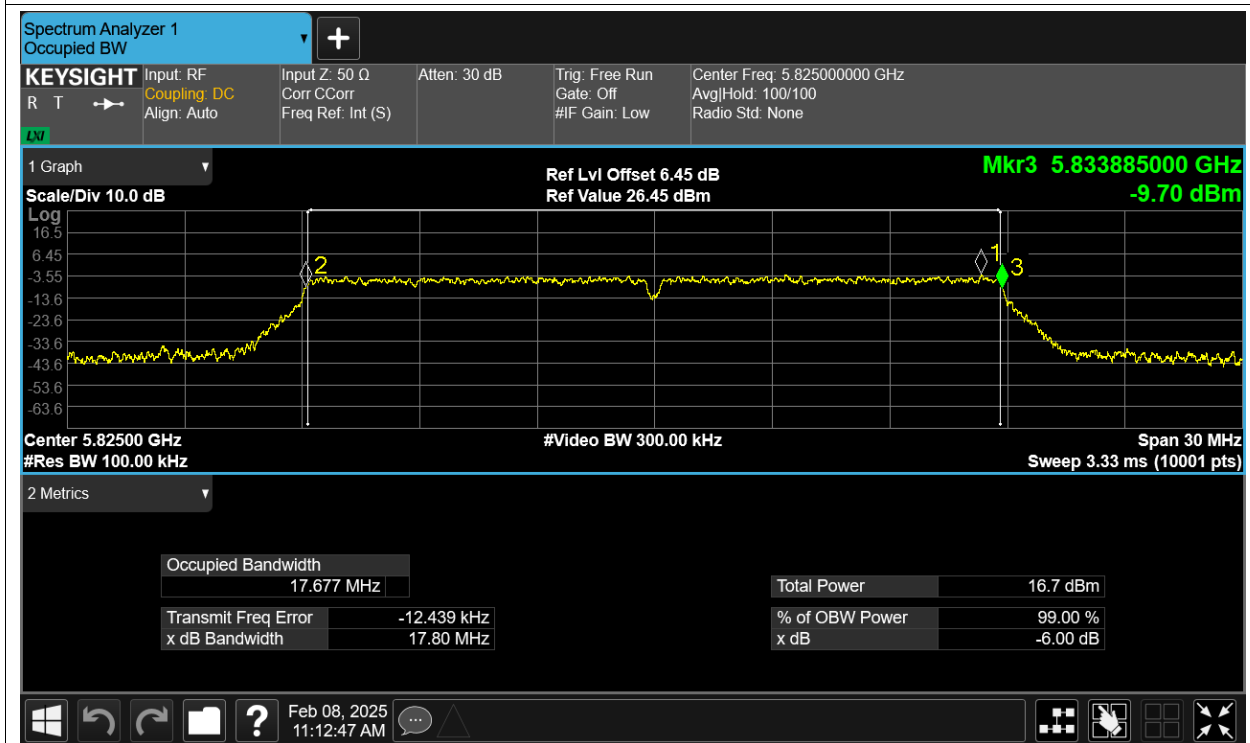
-6dB Bandwidth NVNT ac20 5745MHz Ant1



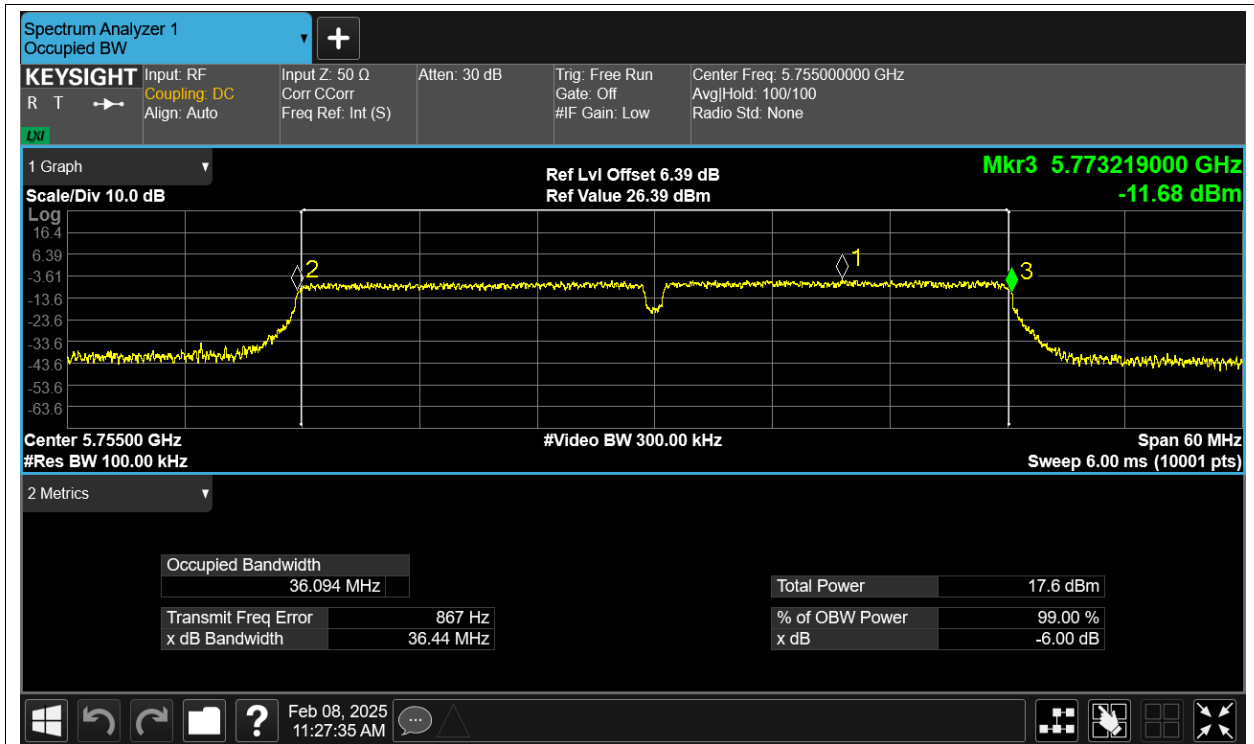
-6dB Bandwidth NVNT ac20 5785MHz Ant1



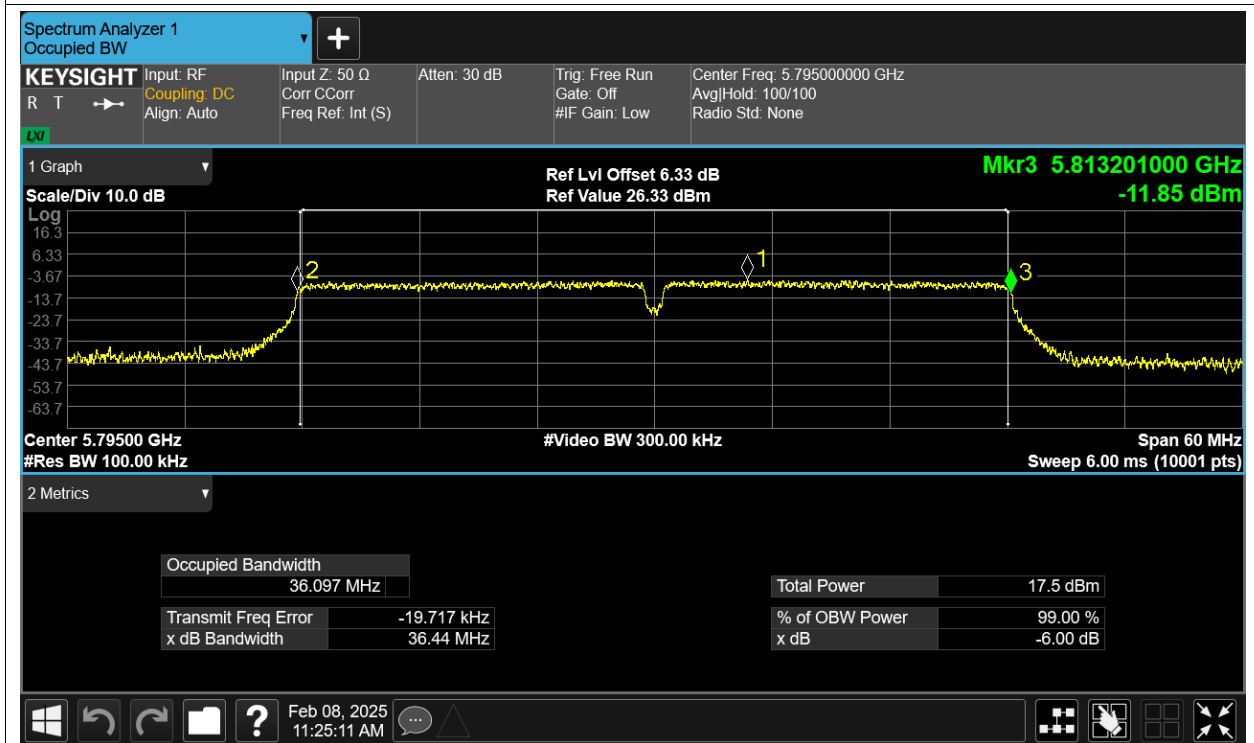
-6dB Bandwidth NVNT ac20 5825MHz Ant1



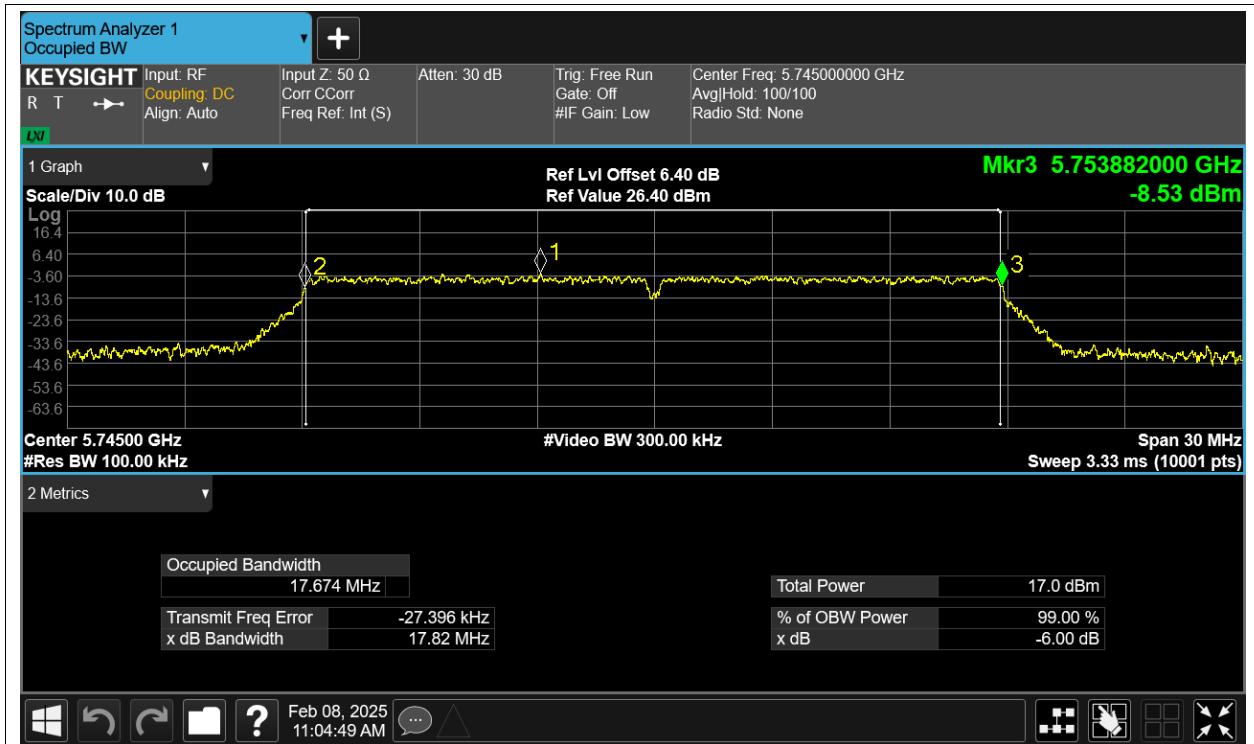
-6dB Bandwidth NVNT ac40 5755MHz Ant1



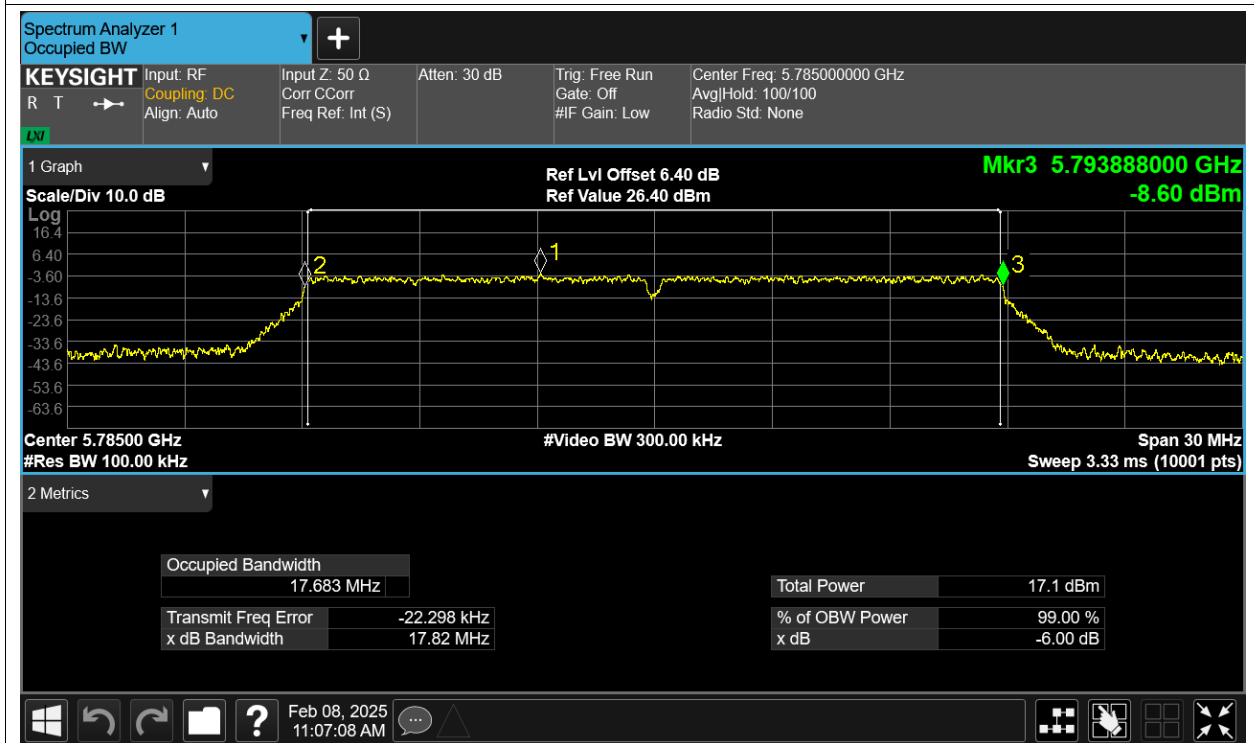
-6dB Bandwidth NVNT ac40 5795MHz Ant1



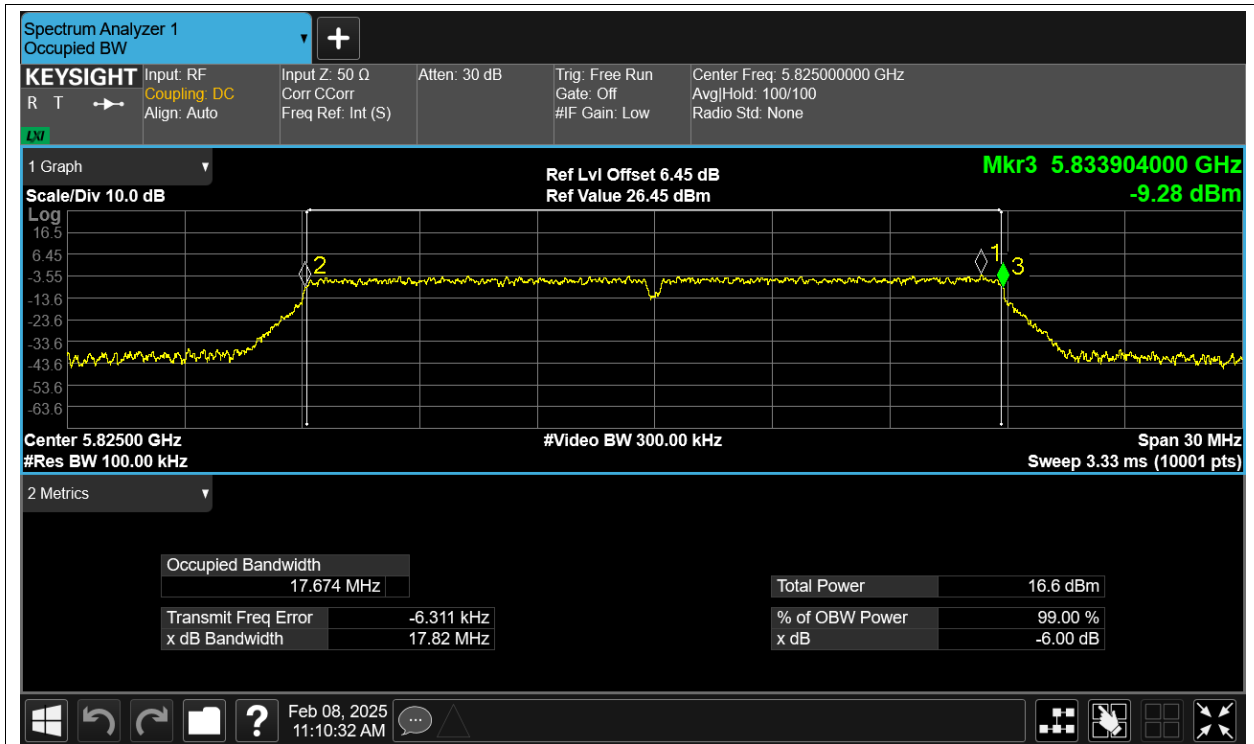
-6dB Bandwidth NVNT n20 5745MHz Ant1



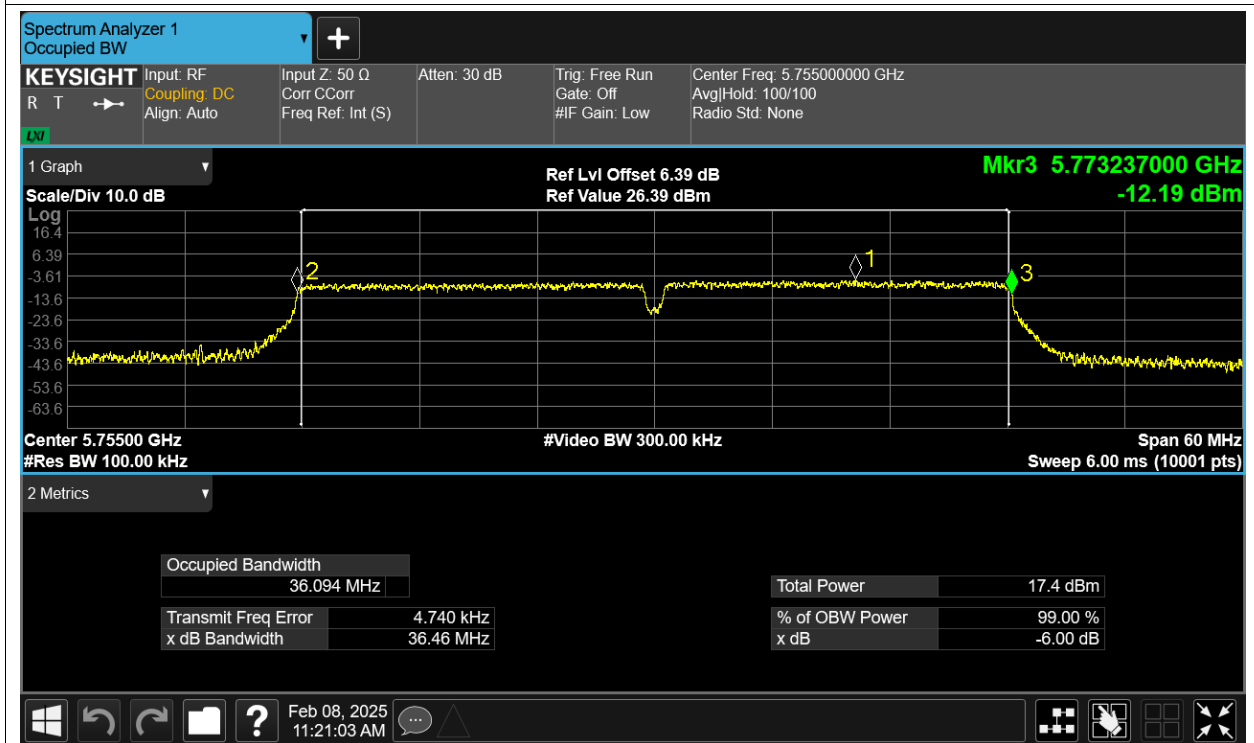
-6dB Bandwidth NVNT n20 5785MHz Ant1



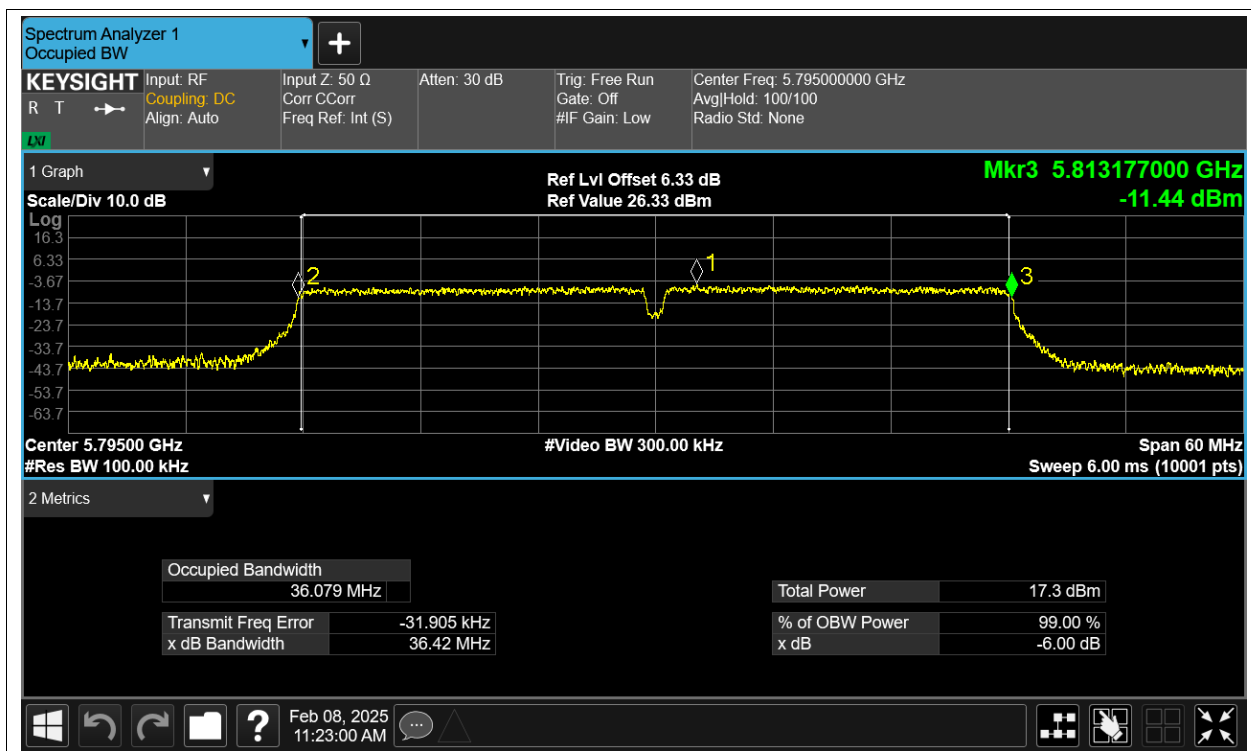
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

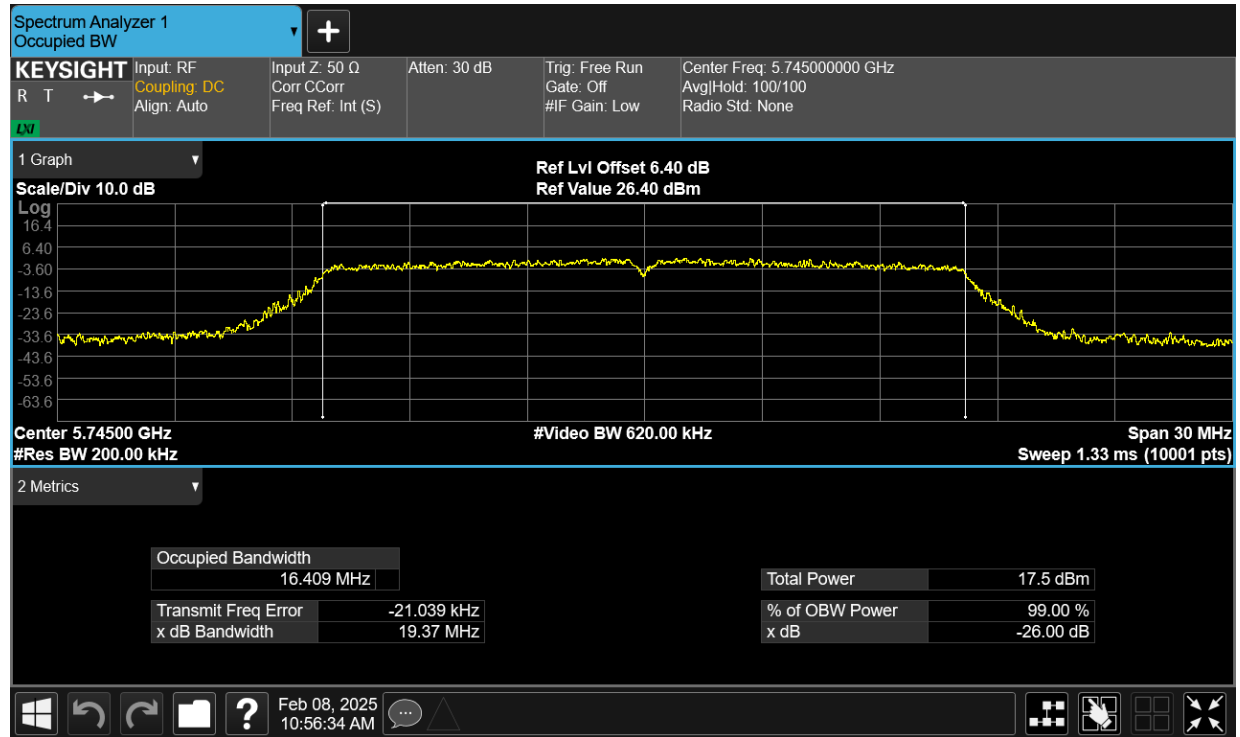


Occupied Channel Bandwidth

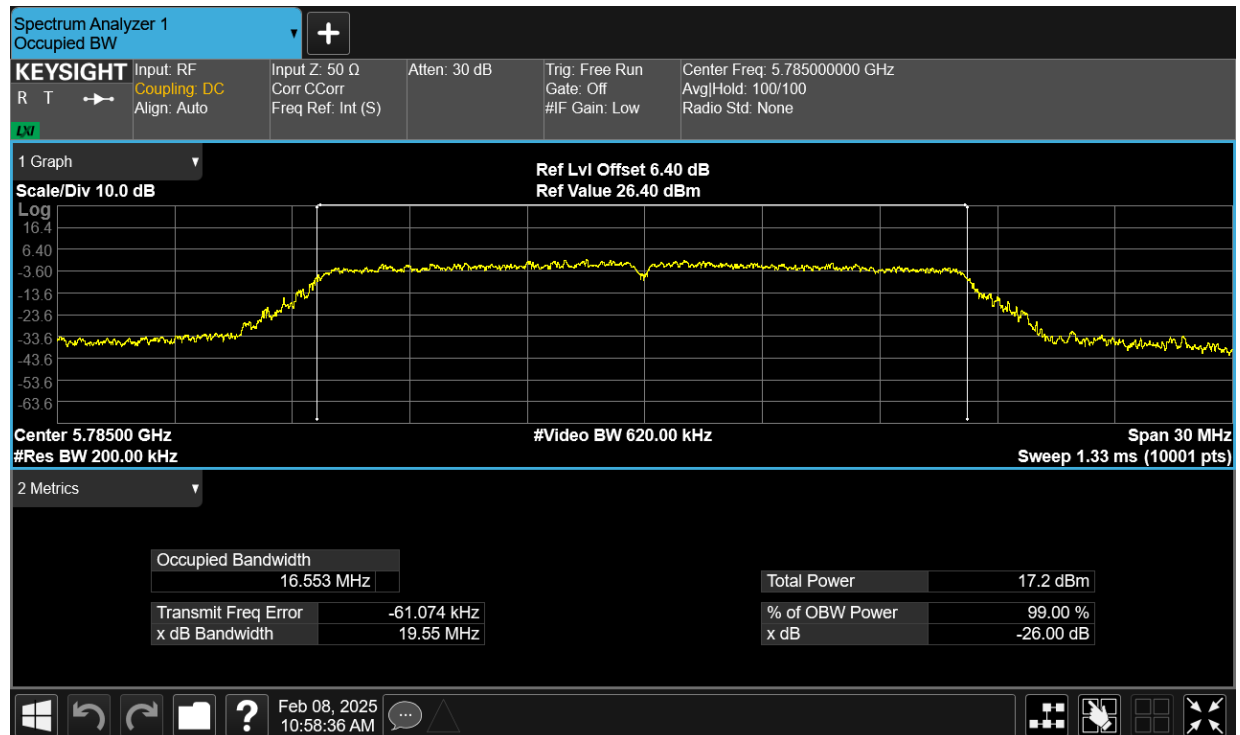
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.409
NVNT	a	5785	Ant1	16.553
NVNT	a	5825	Ant1	16.458
NVNT	ac20	5745	Ant1	17.739
NVNT	ac20	5785	Ant1	17.725
NVNT	ac20	5825	Ant1	17.735
NVNT	ac40	5755	Ant1	36.161
NVNT	ac40	5795	Ant1	36.15
NVNT	n20	5745	Ant1	17.741
NVNT	n20	5785	Ant1	17.744
NVNT	n20	5825	Ant1	17.74
NVNT	n40	5755	Ant1	36.201
NVNT	n40	5795	Ant1	36.141

Test Graphs

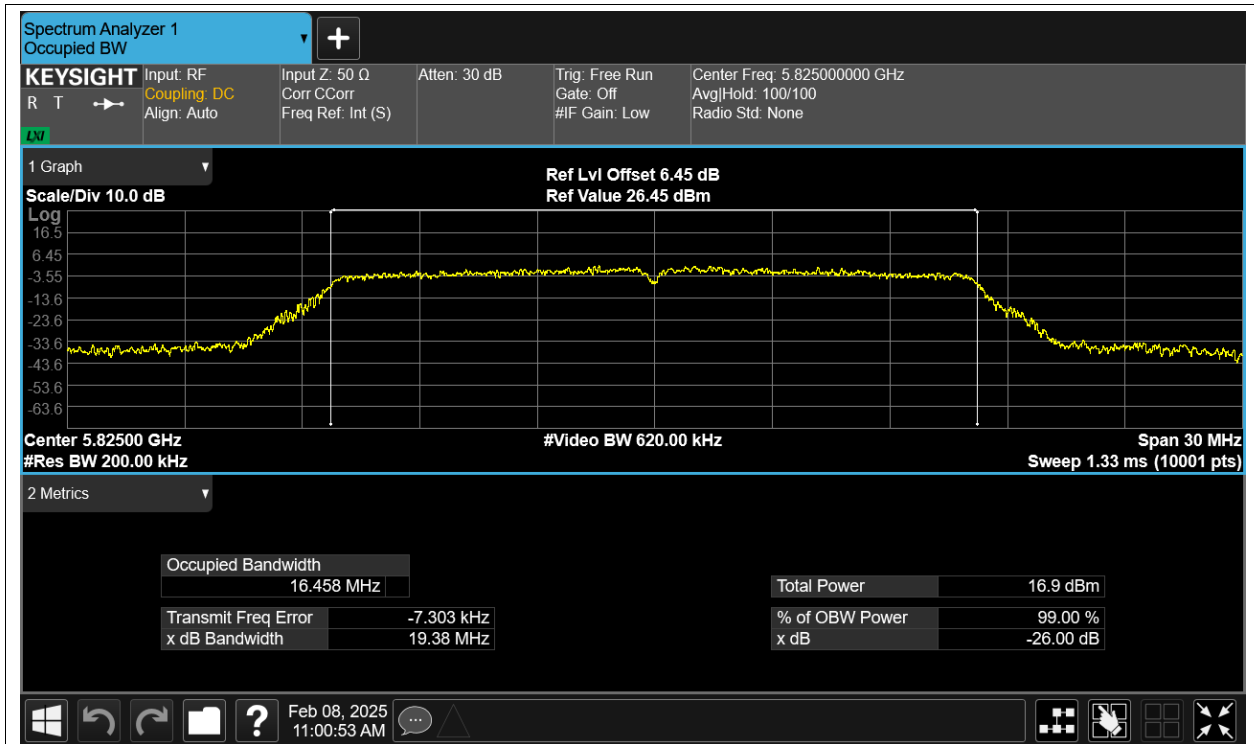
OBW NVNT a 5745MHz Ant1



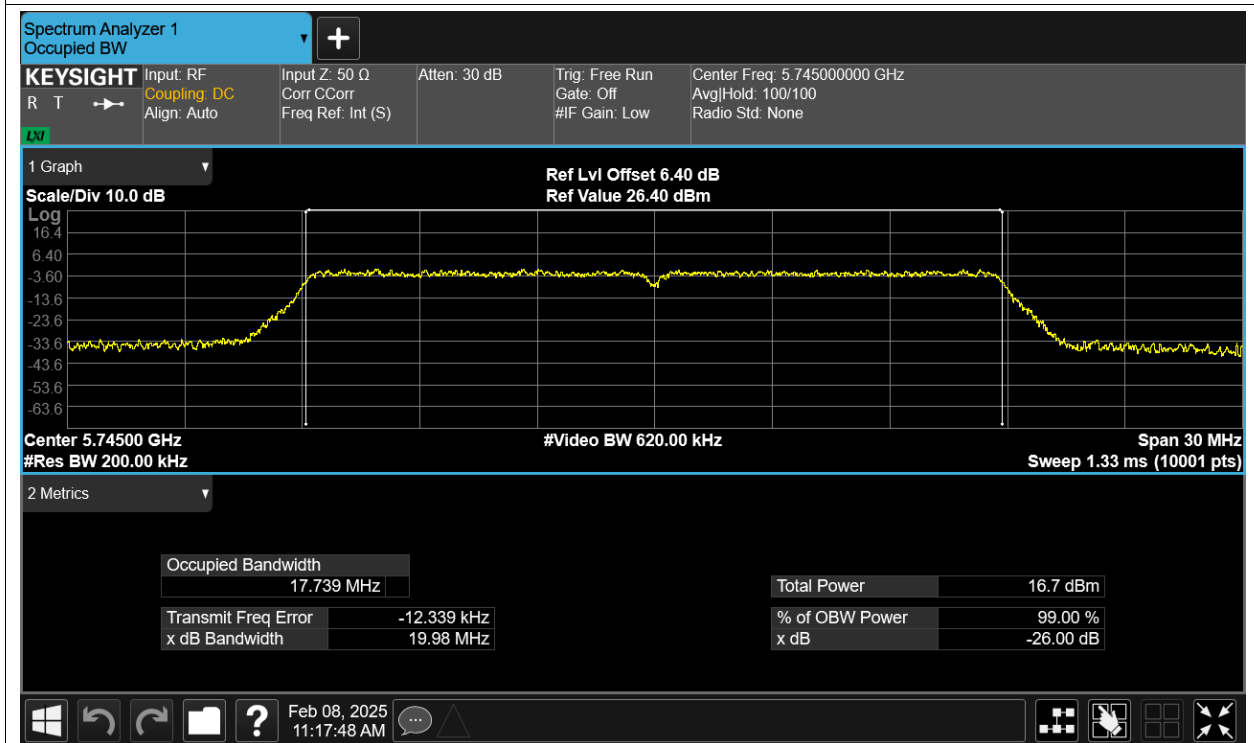
OBW NVNT a 5785MHz Ant1



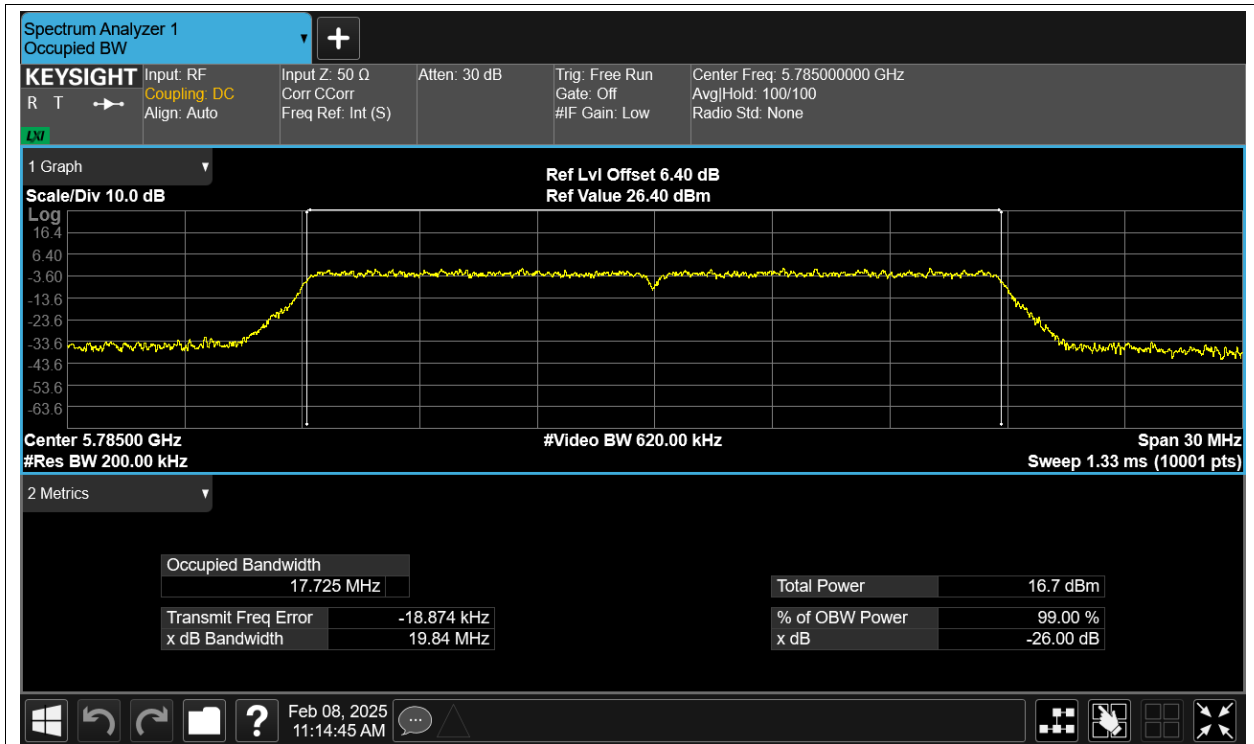
OBW NVNT a 5825MHz Ant1



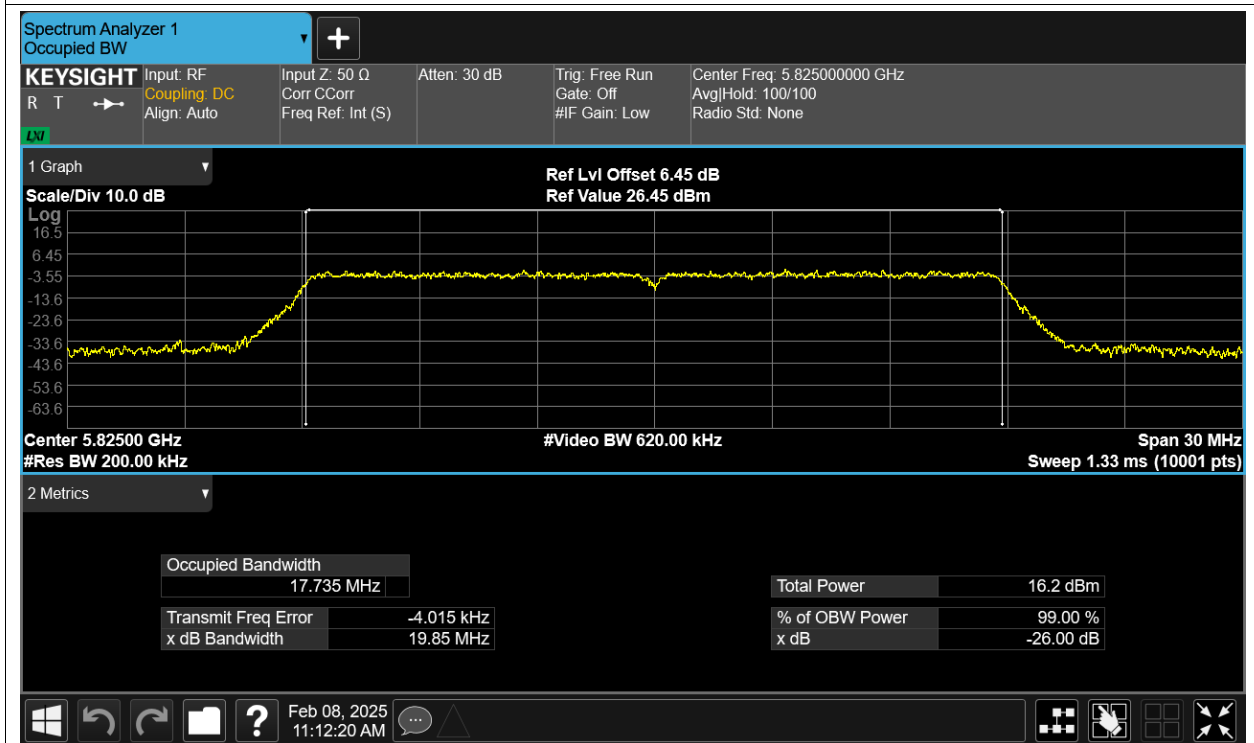
OBW NVNT ac20 5745MHz Ant1



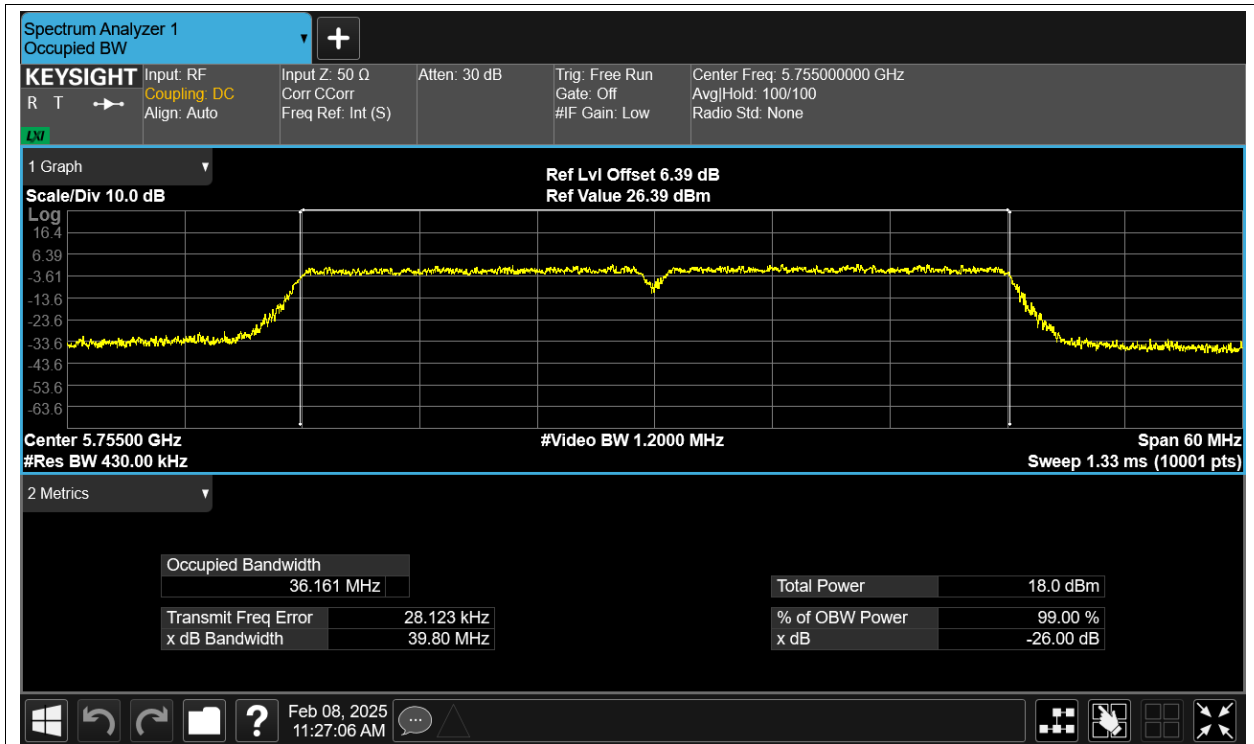
OBW NVNT ac20 5785MHz Ant1



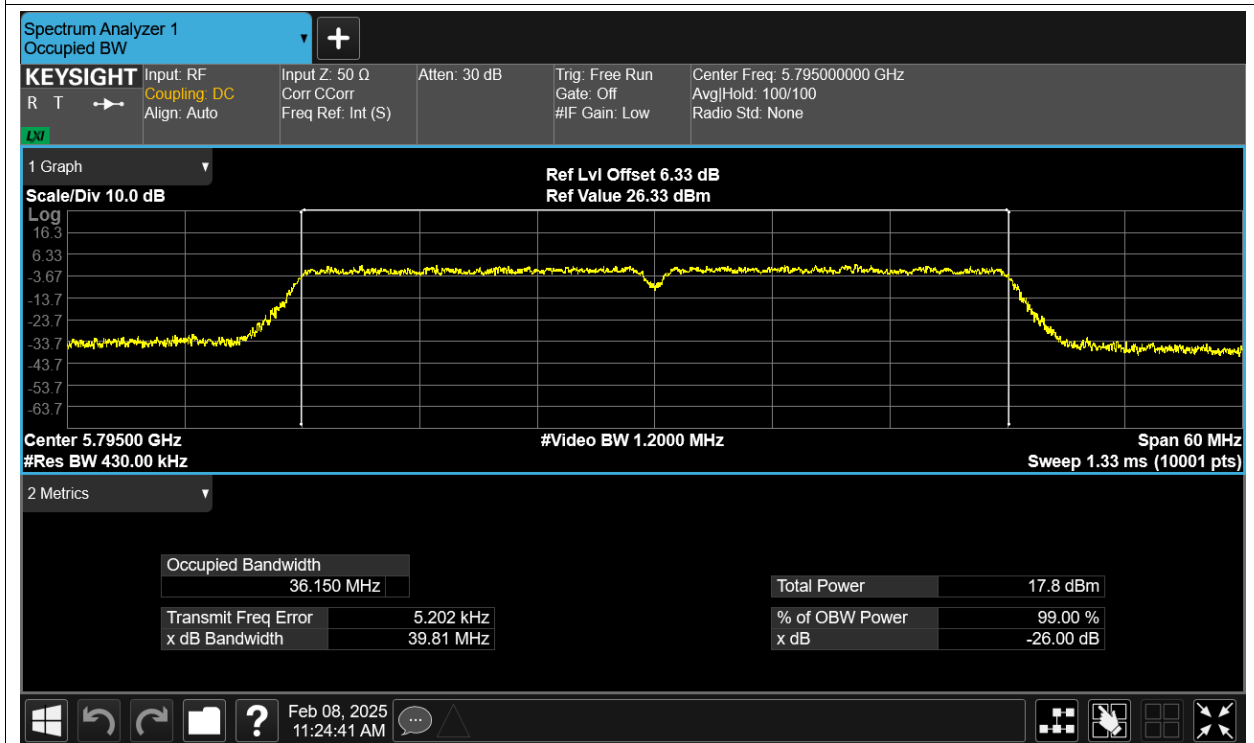
OBW NVNT ac20 5825MHz Ant1



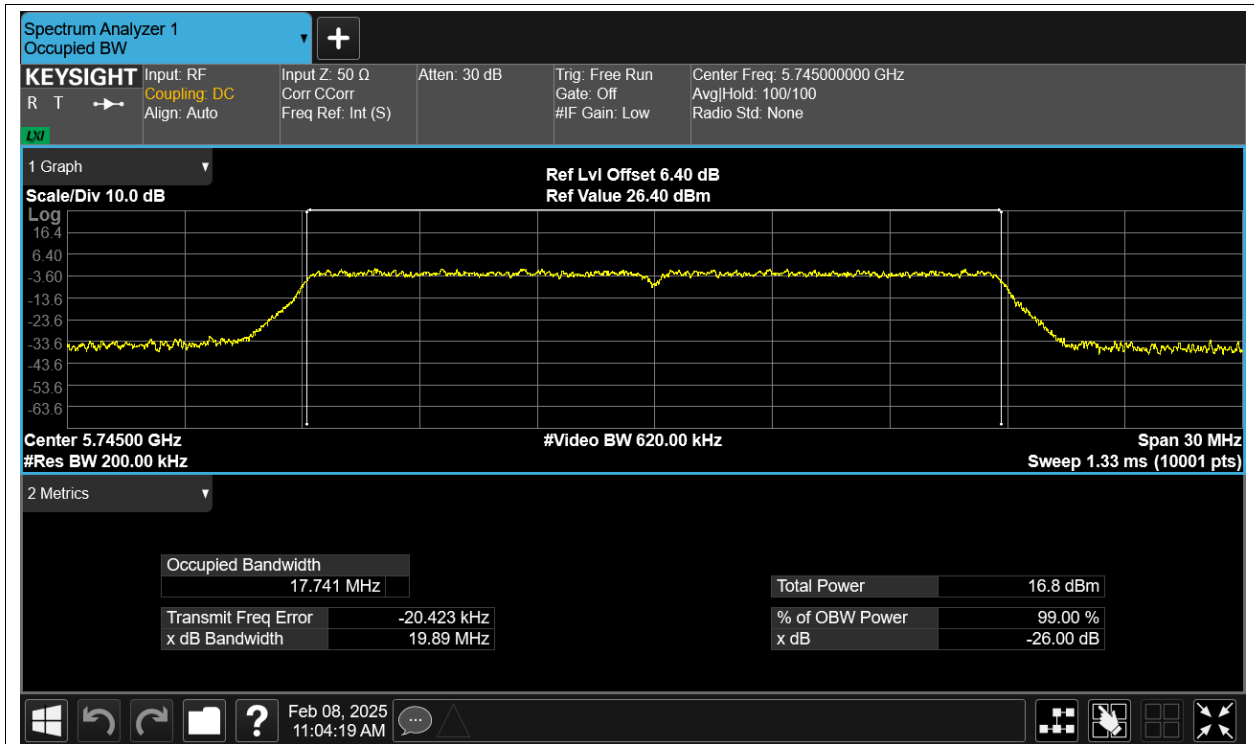
OBW NVNT ac40 5755MHz Ant1



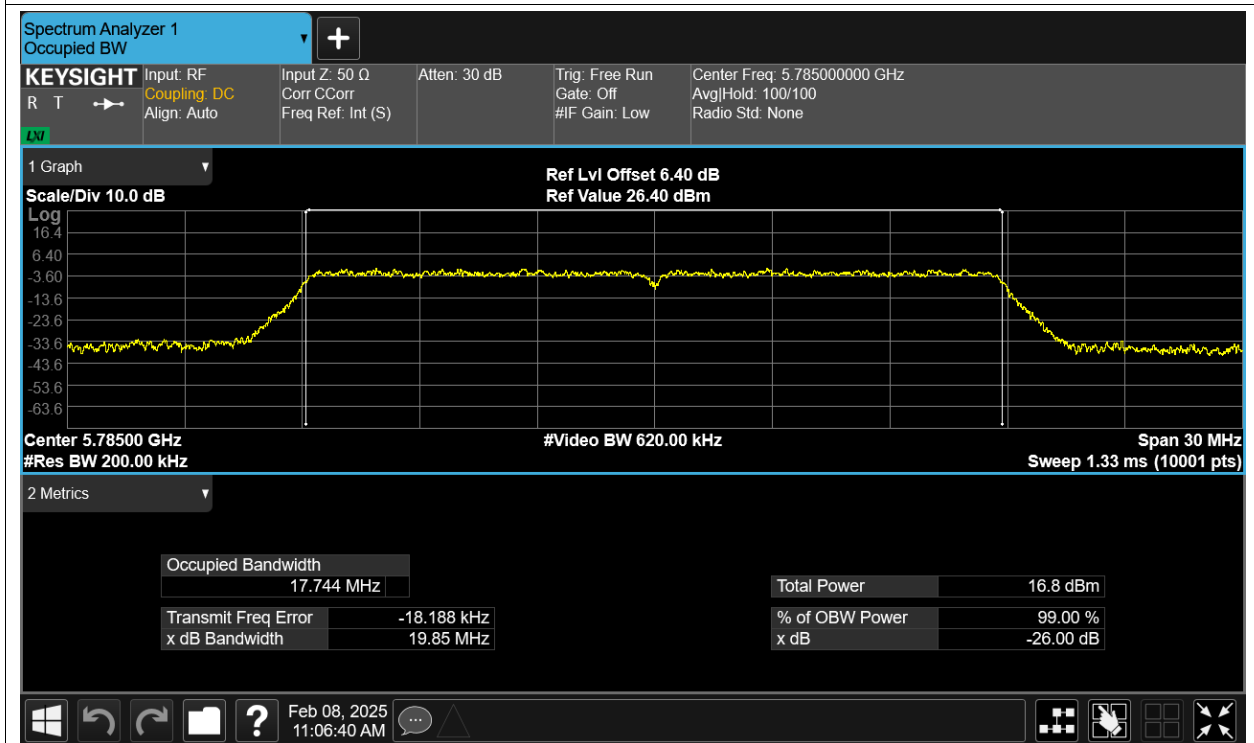
OBW NVNT ac40 5795MHz Ant1



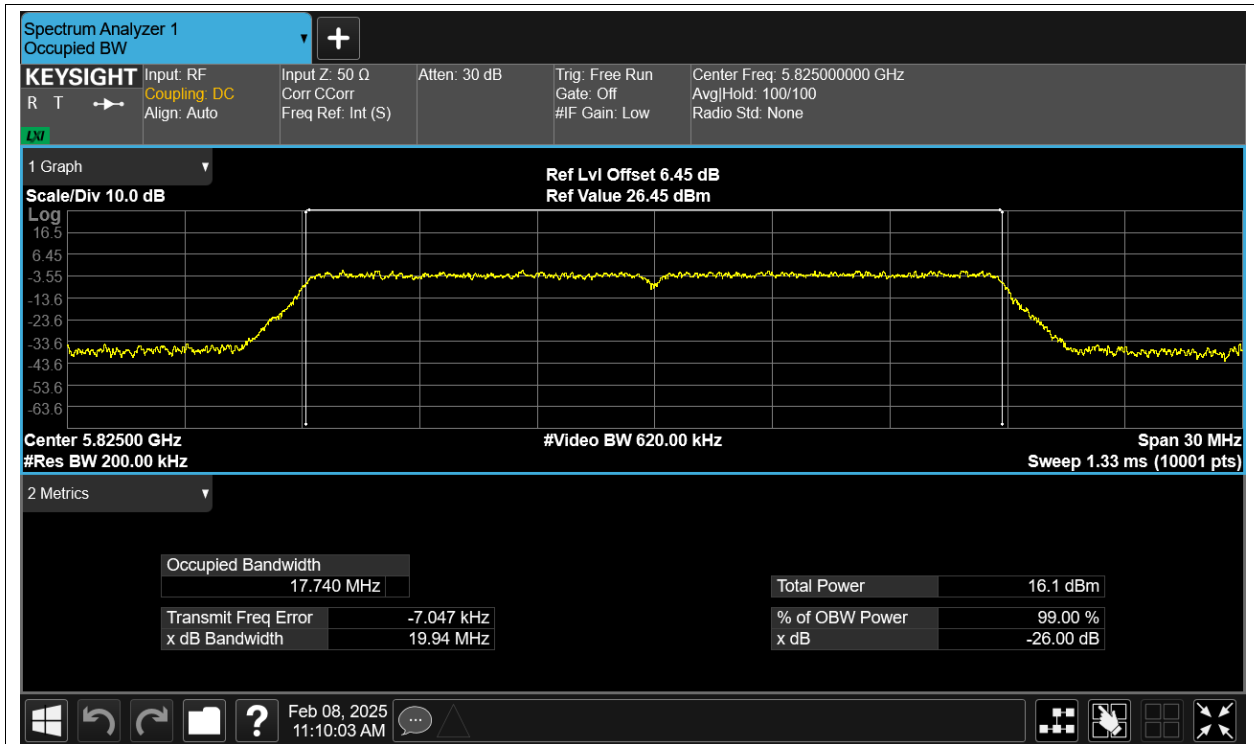
OBW NVNT n20 5745MHz Ant1



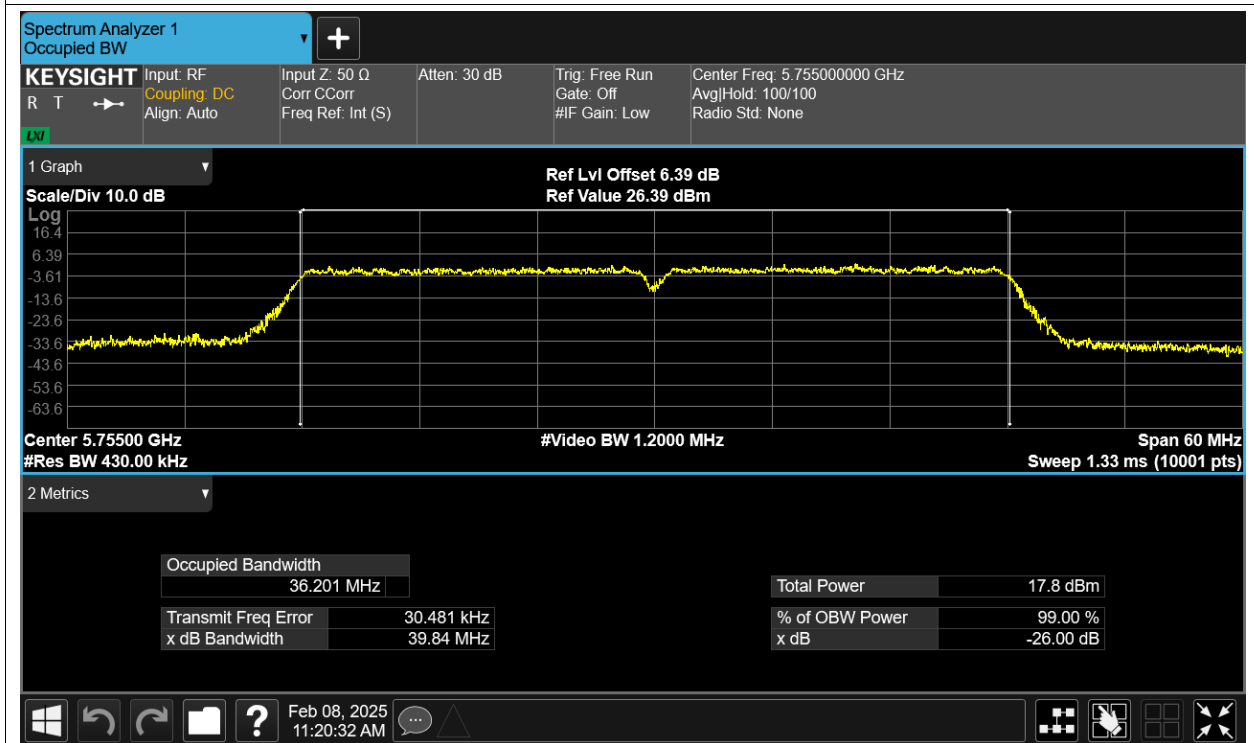
OBW NVNT n20 5785MHz Ant1



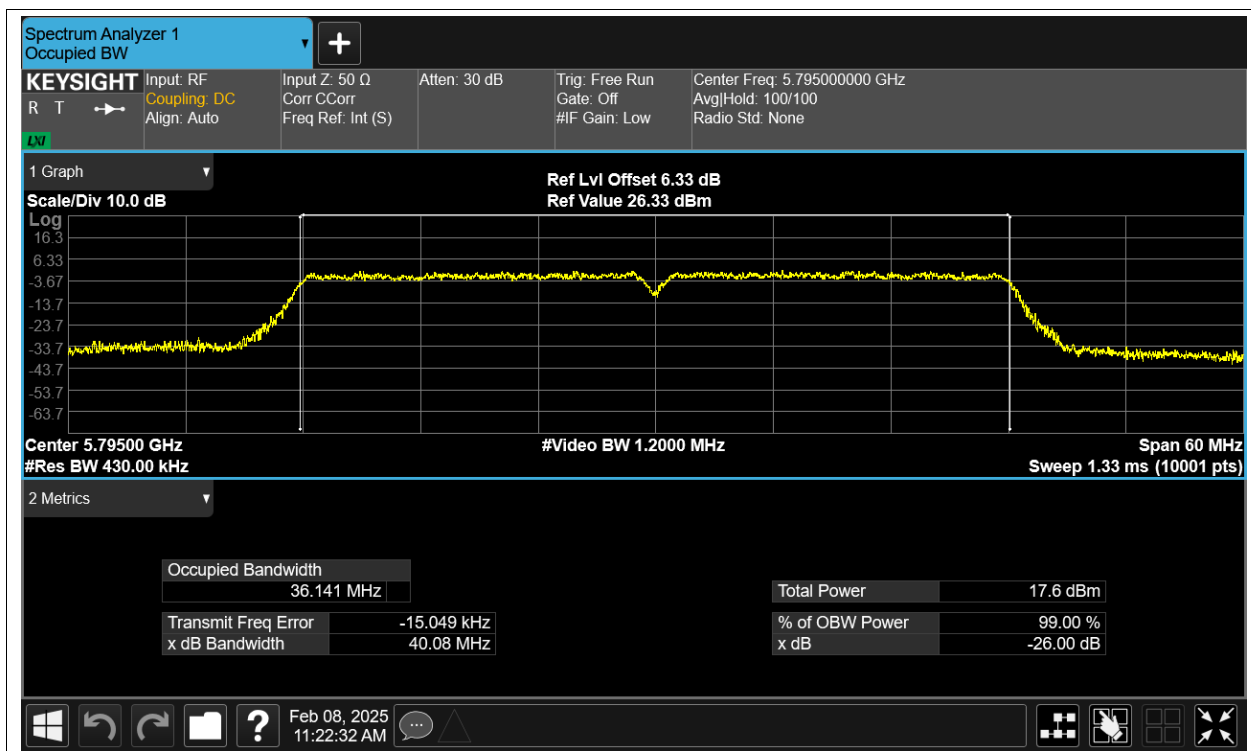
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

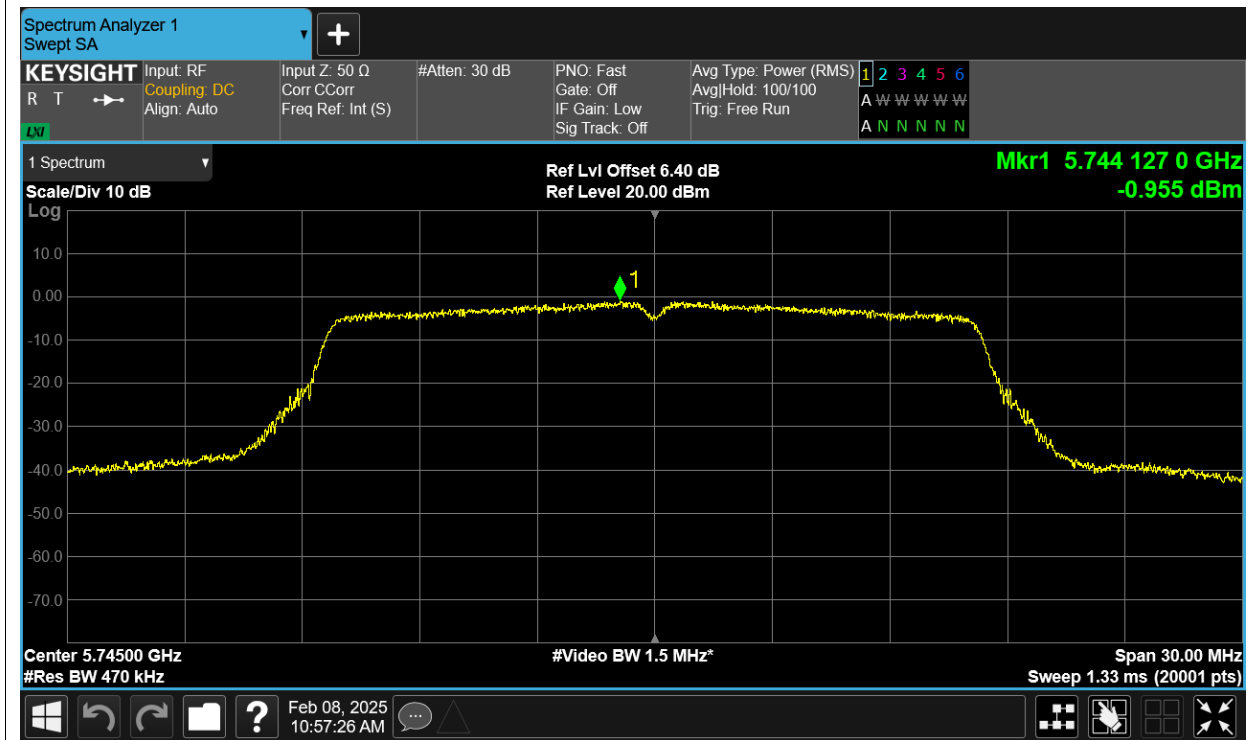


Maximum Power Spectral Density Level

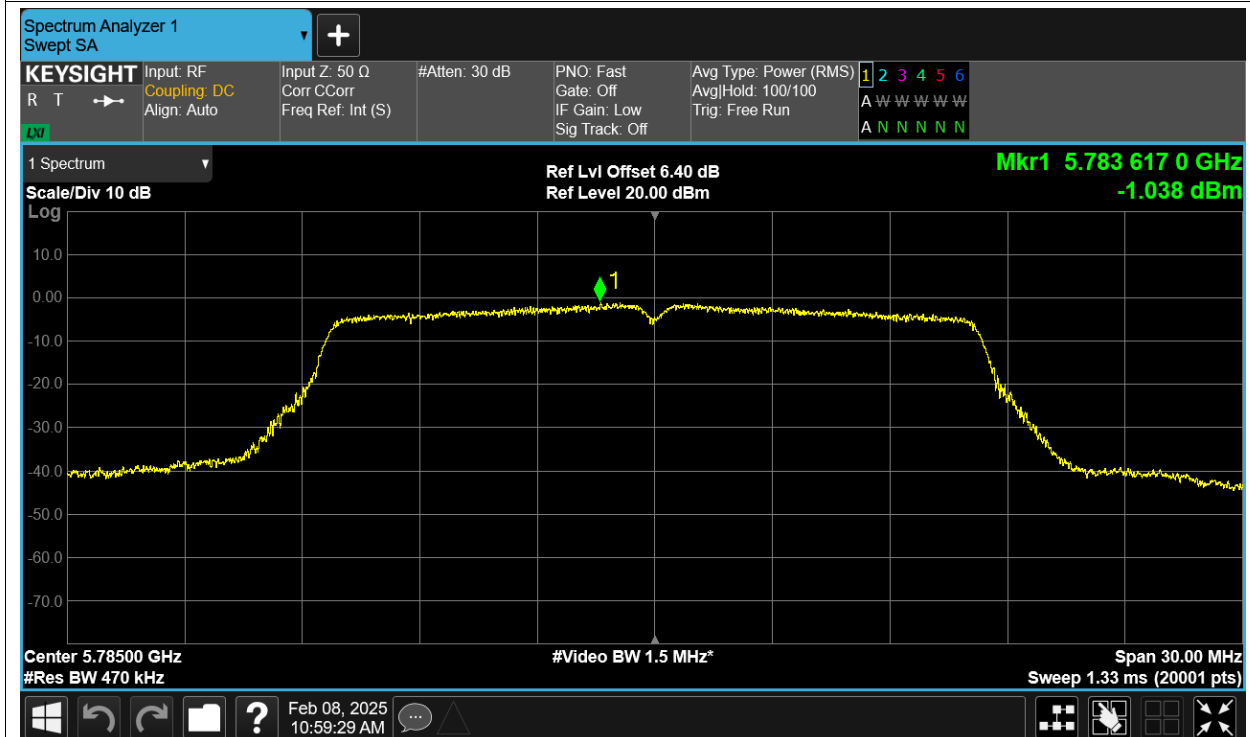
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.955	30	Pass
NVNT	a	5785	Ant1	-1.038	30	Pass
NVNT	a	5825	Ant1	-1.44	30	Pass
NVNT	ac20	5745	Ant1	-2.613	30	Pass
NVNT	ac20	5785	Ant1	-2.809	30	Pass
NVNT	ac20	5825	Ant1	-3.488	30	Pass
NVNT	ac40	5755	Ant1	-4.395	30	Pass
NVNT	ac40	5795	Ant1	-4.935	30	Pass
NVNT	n20	5745	Ant1	-2.868	30	Pass
NVNT	n20	5785	Ant1	-2.498	30	Pass
NVNT	n20	5825	Ant1	-3.503	30	Pass
NVNT	n40	5755	Ant1	-4.691	30	Pass
NVNT	n40	5795	Ant1	-5.049	30	Pass

Test Graphs

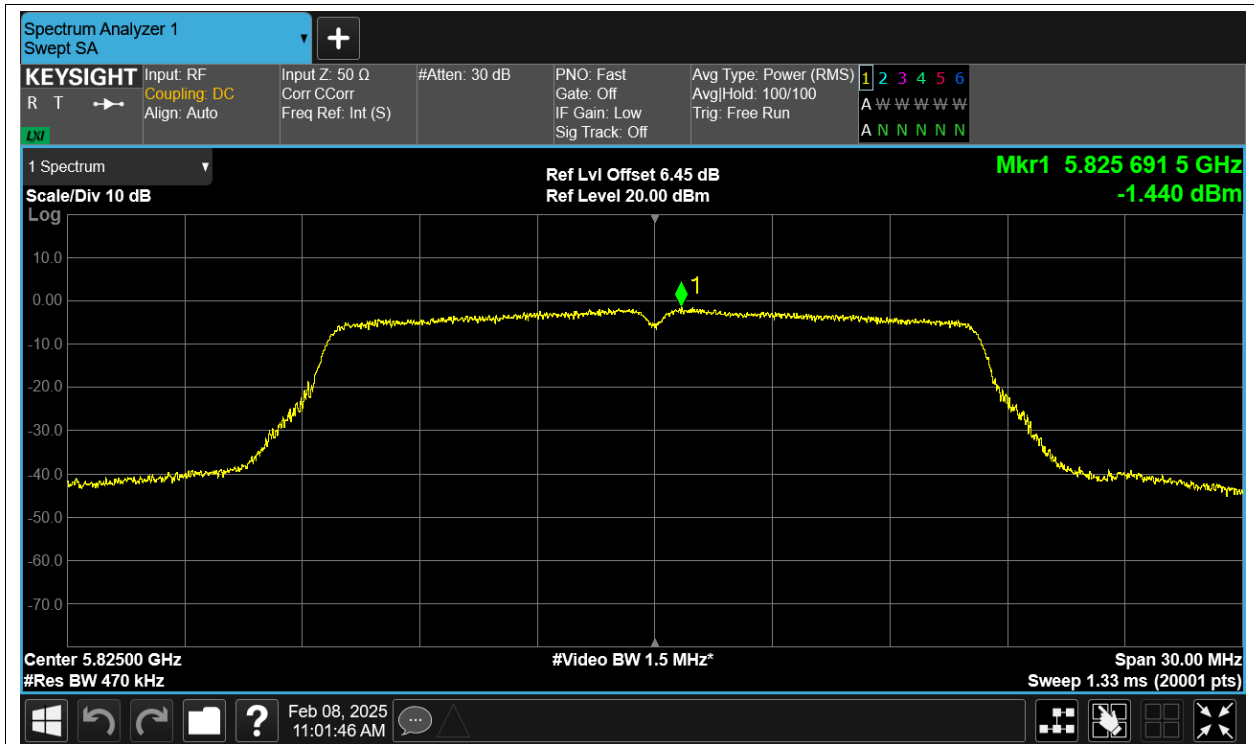
PSD NVNT a 5745MHz Ant1



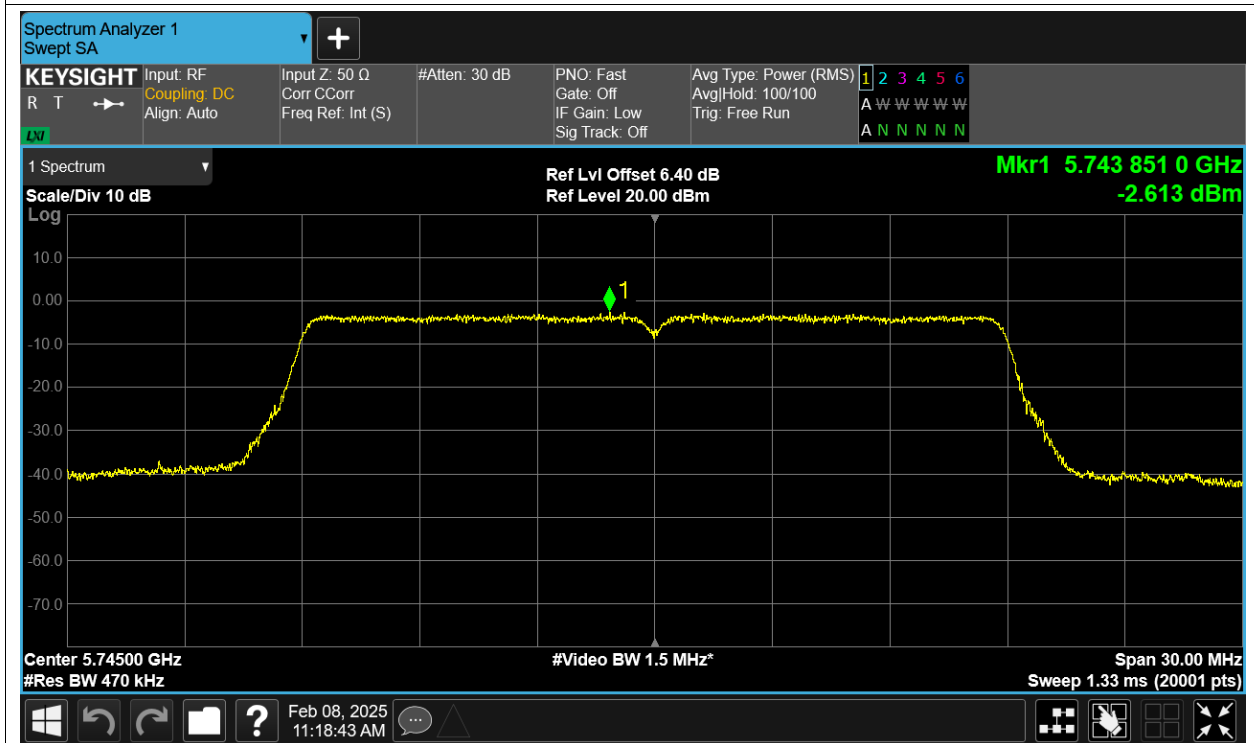
PSD NVNT a 5785MHz Ant1



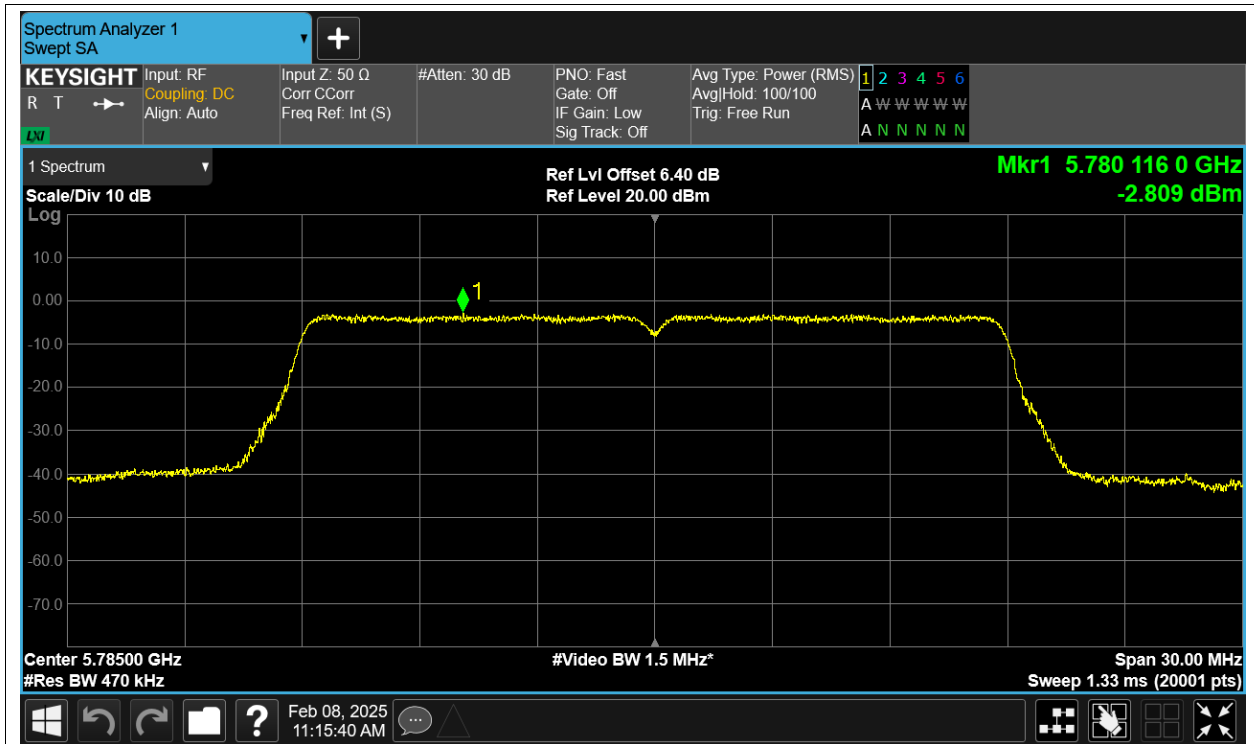
PSD NVNT a 5825MHz Ant1



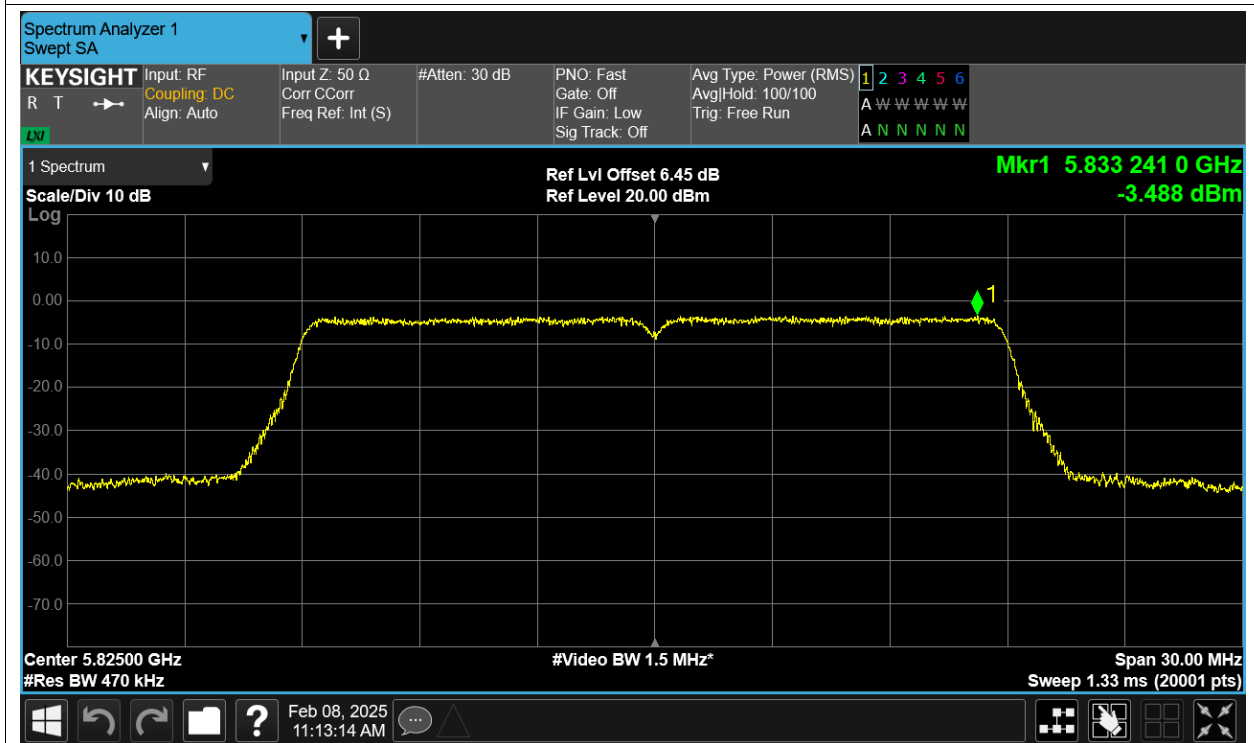
PSD NVNT ac20 5745MHz Ant1



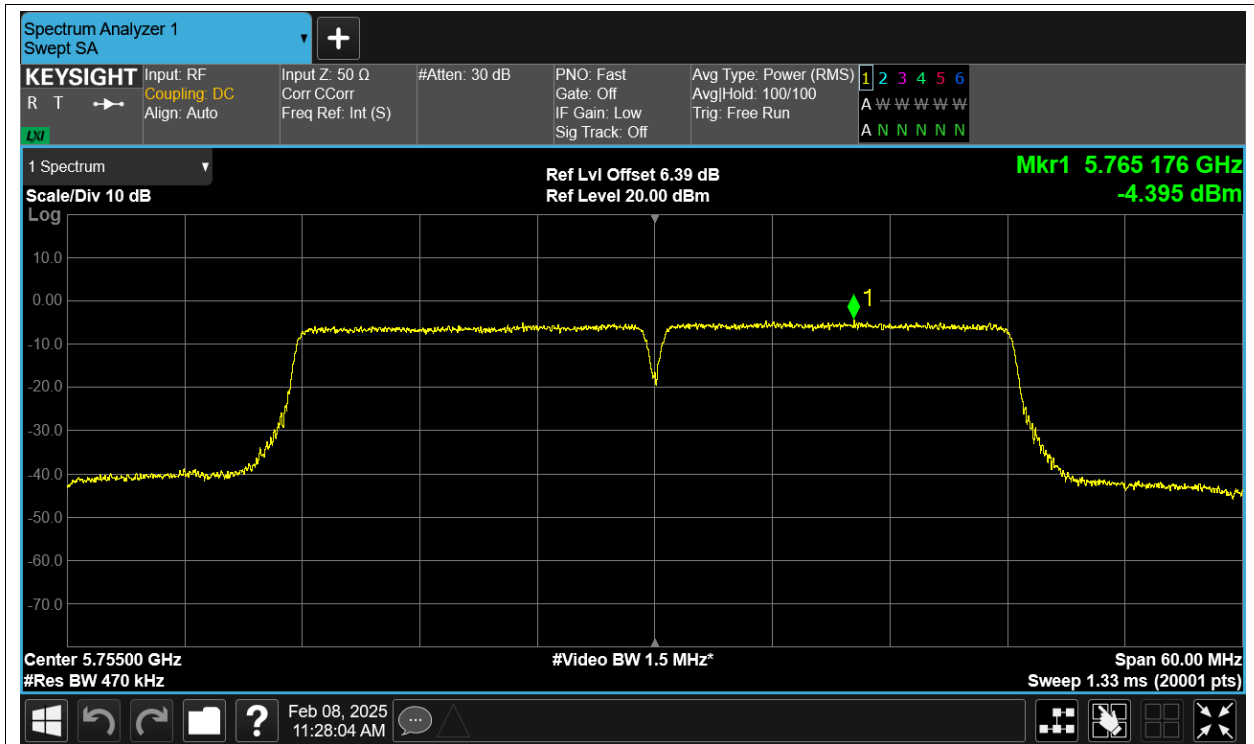
PSD NVNT ac20 5785MHz Ant1



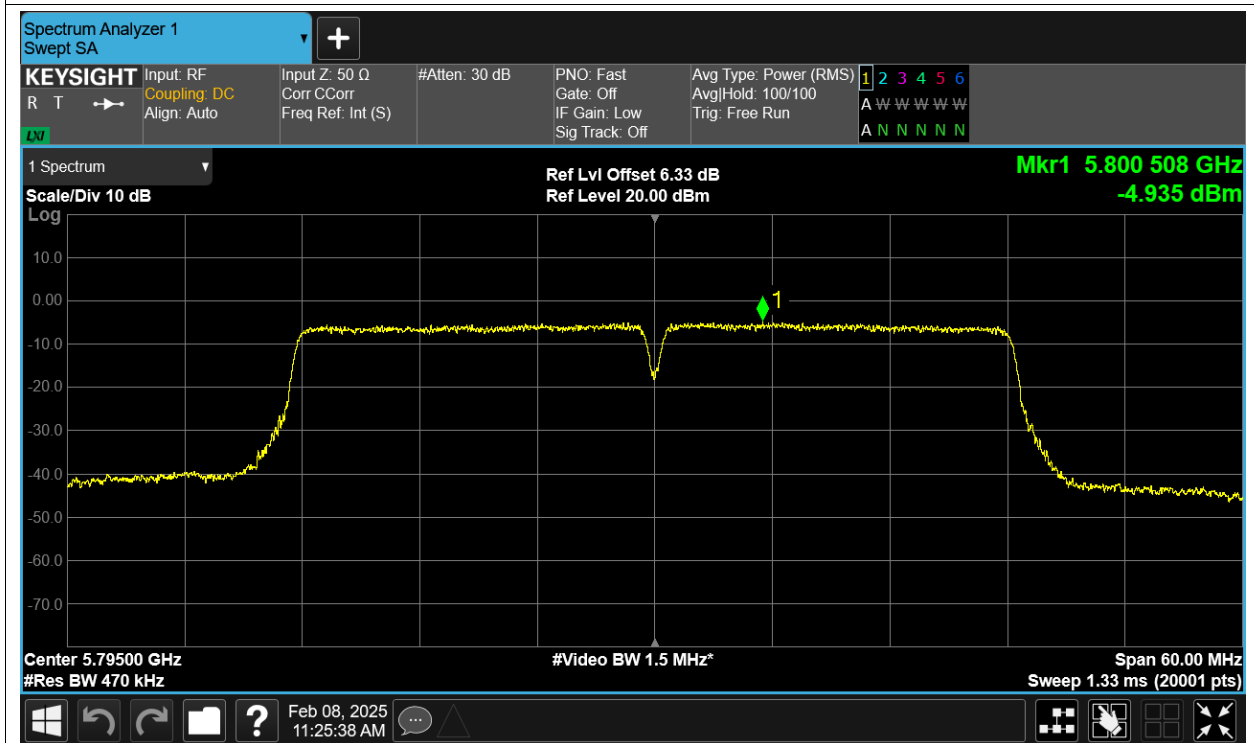
PSD NVNT ac20 5825MHz Ant1



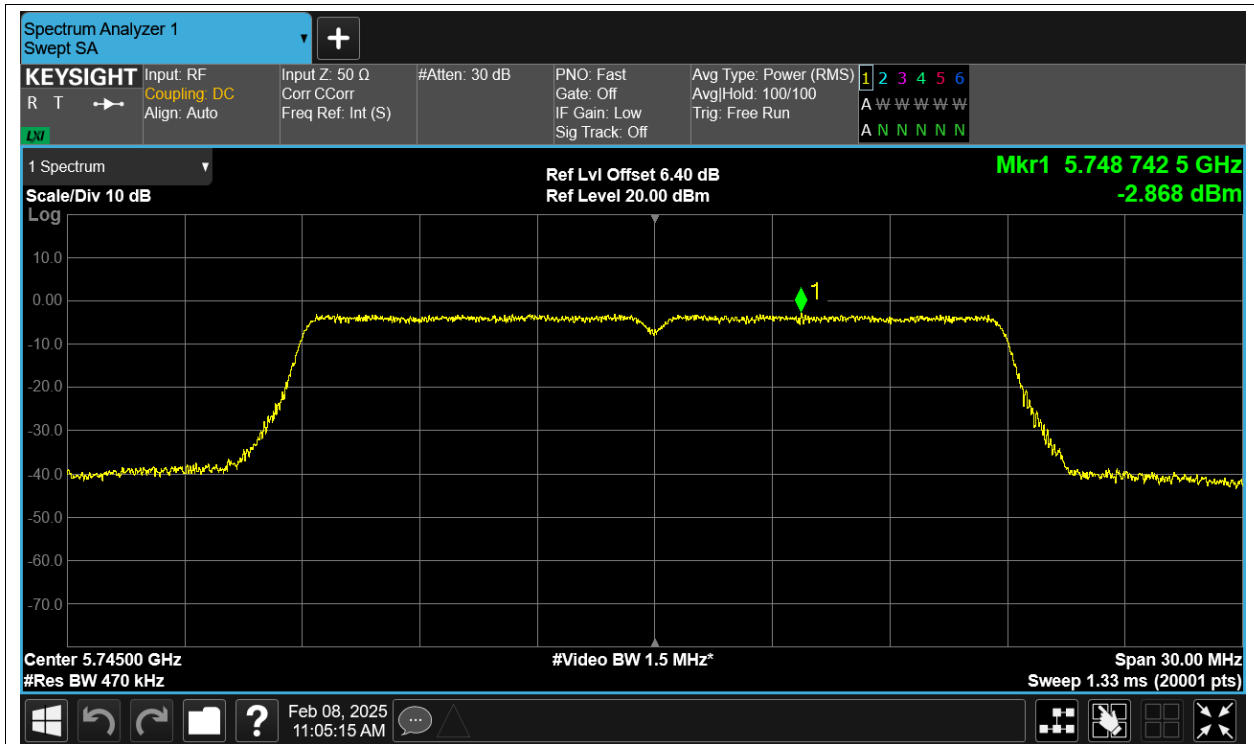
PSD NVNT ac40 5755MHz Ant1



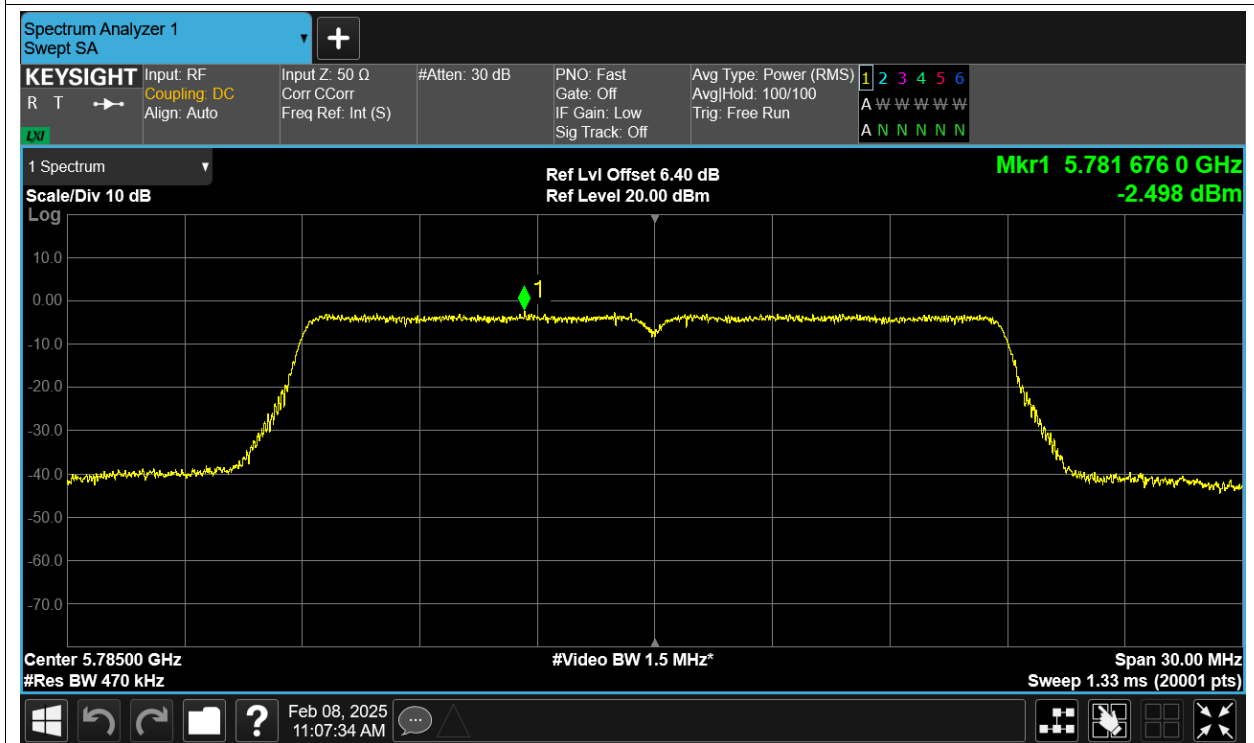
PSD NVNT ac40 5795MHz Ant1



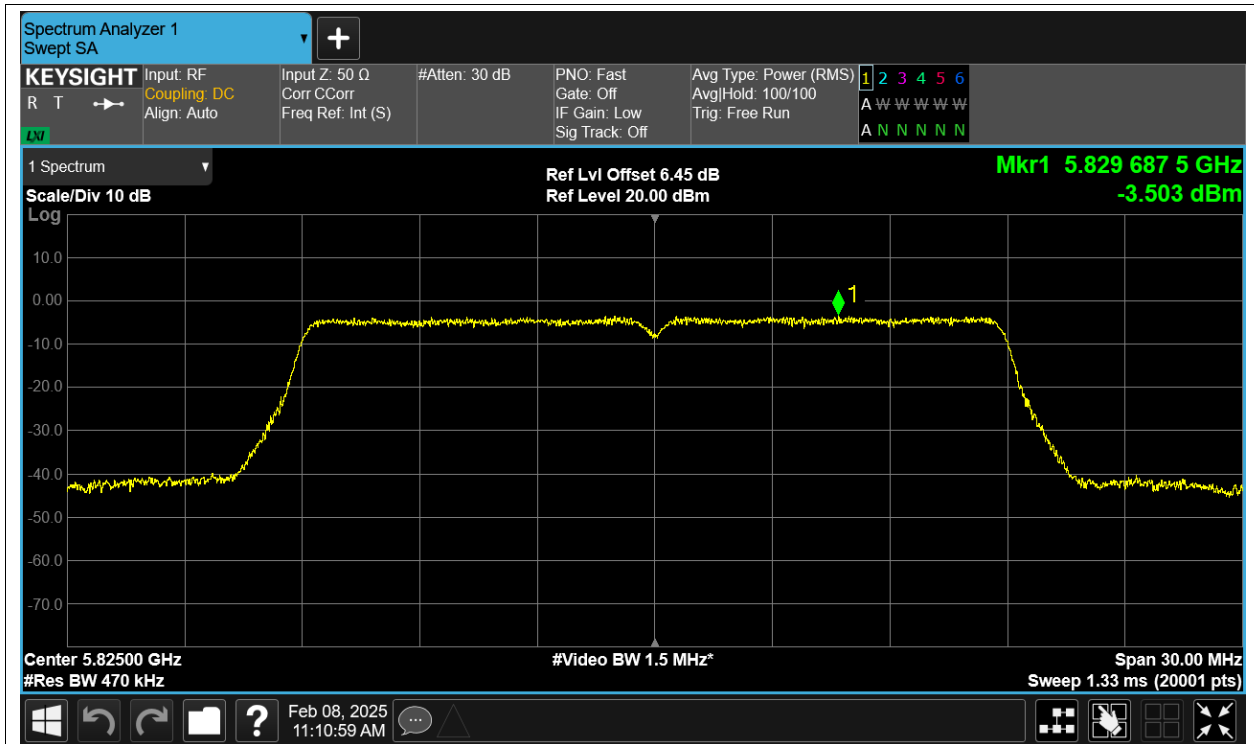
PSD NVNT n20 5745MHz Ant1



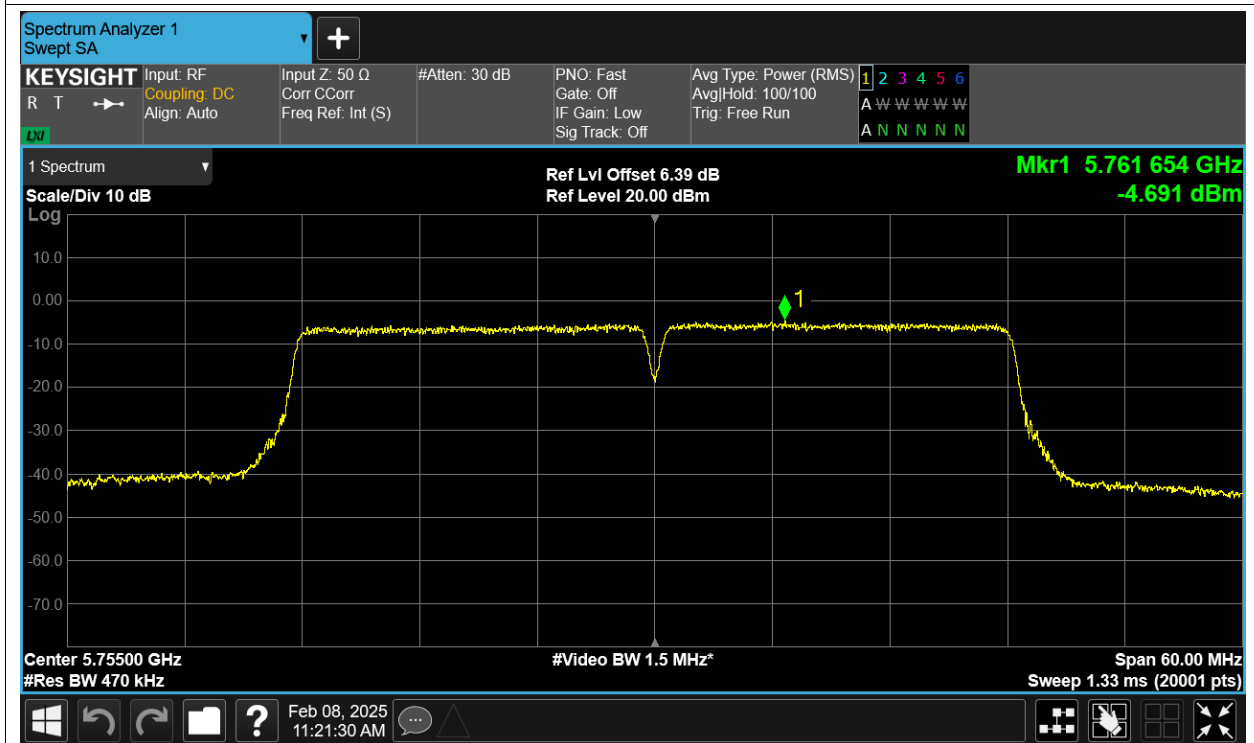
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

