

Test Data

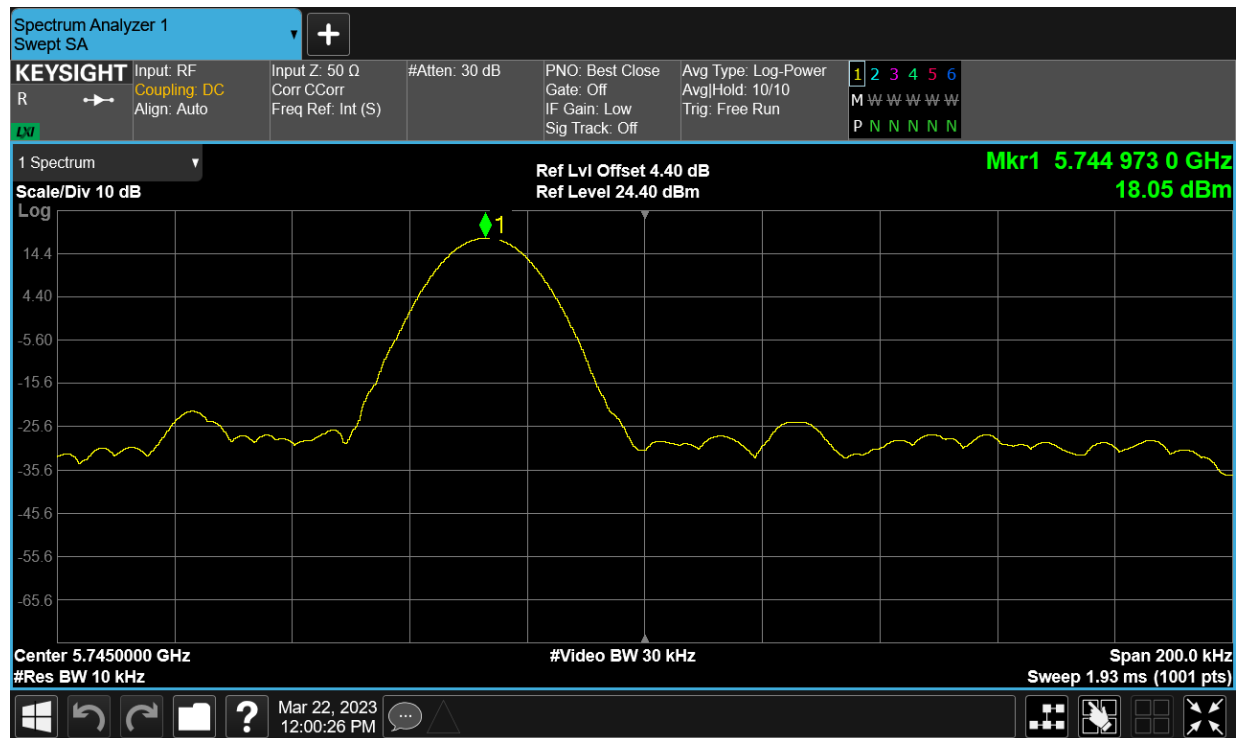
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant7	5744.973	-4.7	Within authorized band	Pass
LVNT	a	5745	Ant7	5744.9732	-4.66		Pass
NVHT	a	5745	Ant7	5744.9734	-4.63		Pass
NVLT	a	5745	Ant7	5744.9736	-4.6		Pass
NVNT	a	5745	Ant7	5744.9738	-4.56		Pass
HVNT	ac80	5775	Ant7	5774.9704	-5.13		Pass
LVNT	ac80	5775	Ant7	5774.9704	-5.13		Pass
NVHT	ac80	5775	Ant7	5774.9706	-5.09		Pass
NVLT	ac80	5775	Ant7	5774.9708	-5.06		Pass
NVNT	ac80	5775	Ant7	5774.971	-5.02		Pass
HVNT	n40	5755	Ant7	5754.973	-4.69		Pass
LVNT	n40	5755	Ant7	5754.9732	-4.66		Pass
NVHT	n40	5755	Ant7	5754.9734	-4.62		Pass
NVLT	n40	5755	Ant7	5754.9736	-4.59		Pass
NVNT	n40	5755	Ant7	5754.974	-4.52		Pass

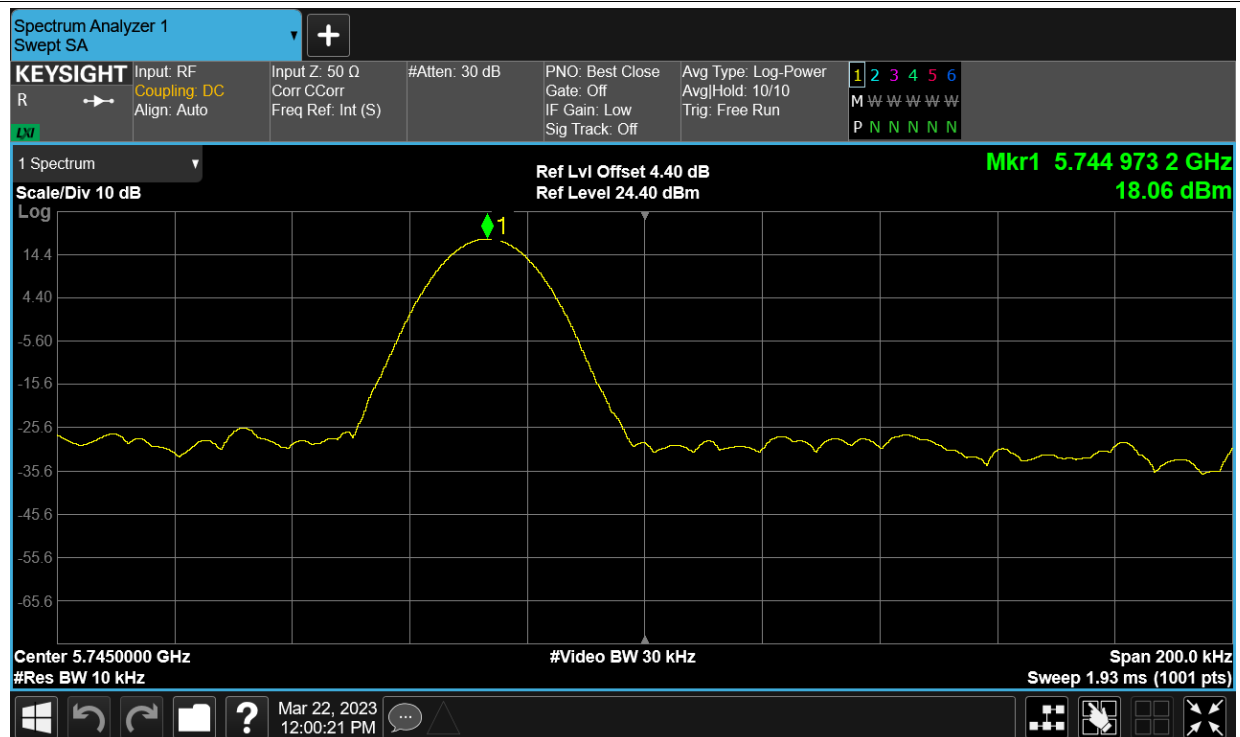
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

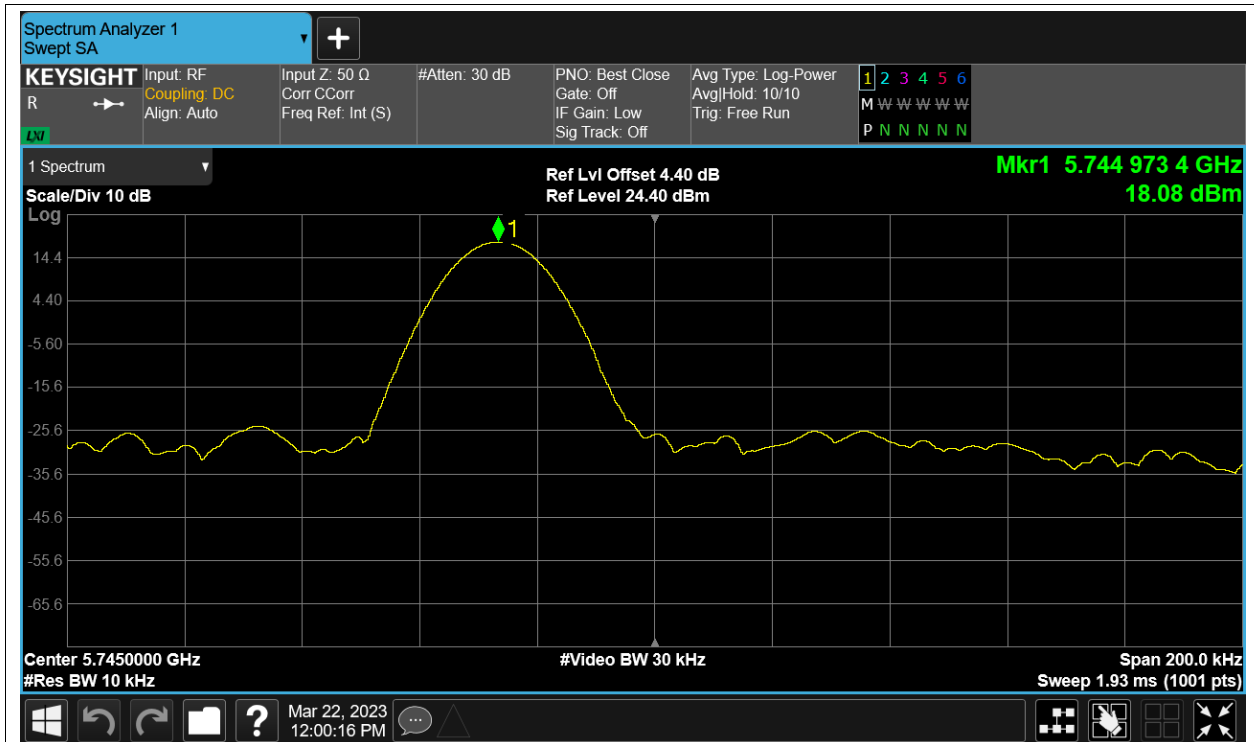
Freq. Stability HVNT a 5745MHz Ant7



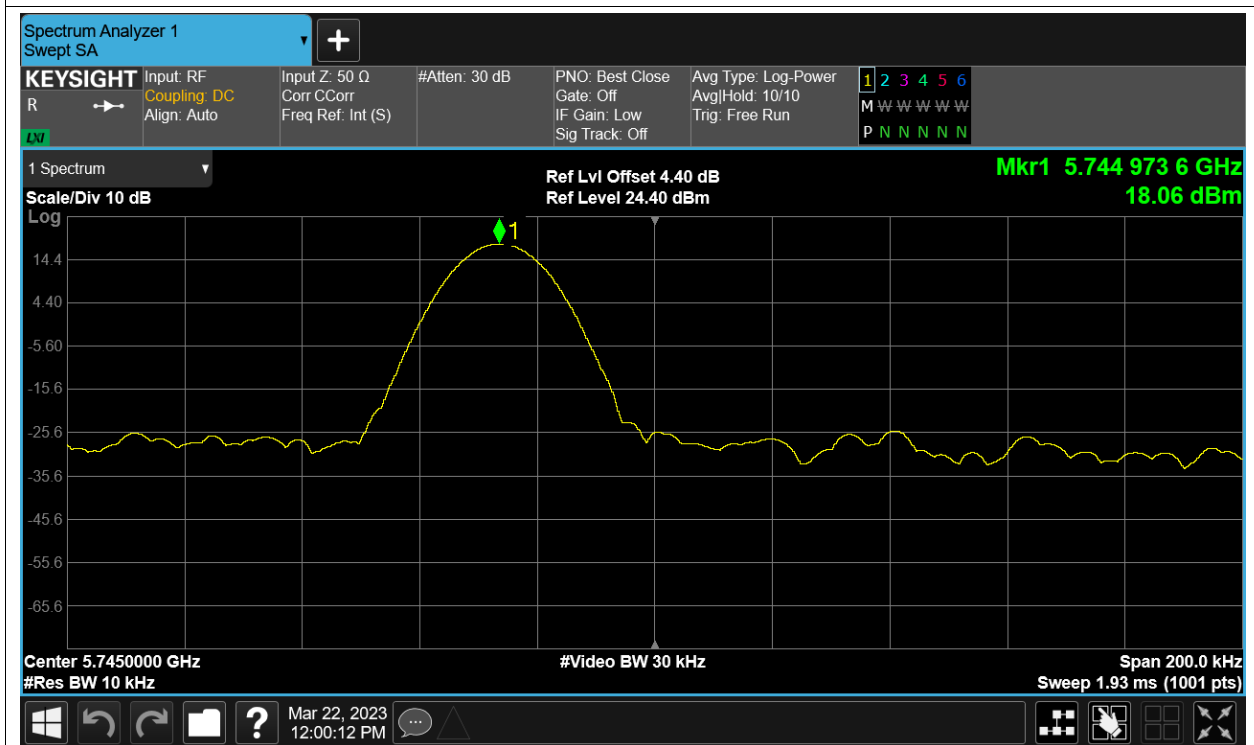
Freq. Stability LVNT a 5745MHz Ant7



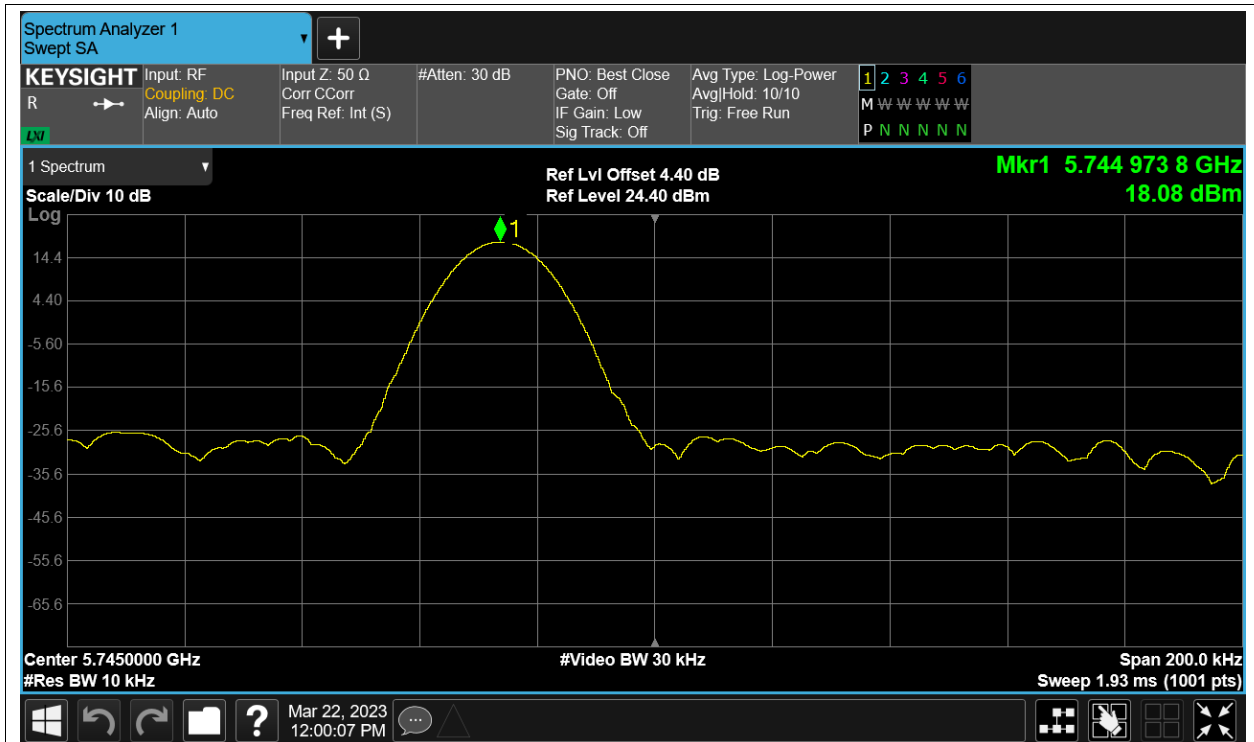
Freq. Stability NVHT a 5745MHz Ant7



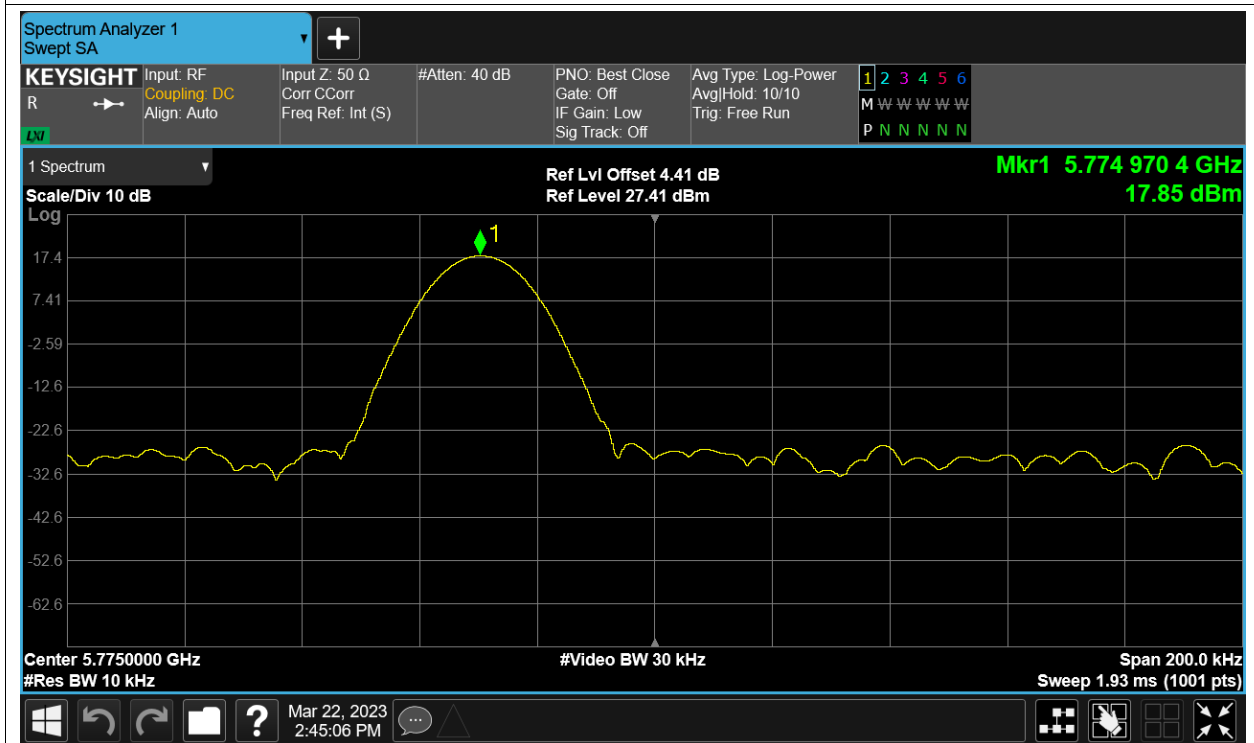
Freq. Stability NVLT a 5745MHz Ant7



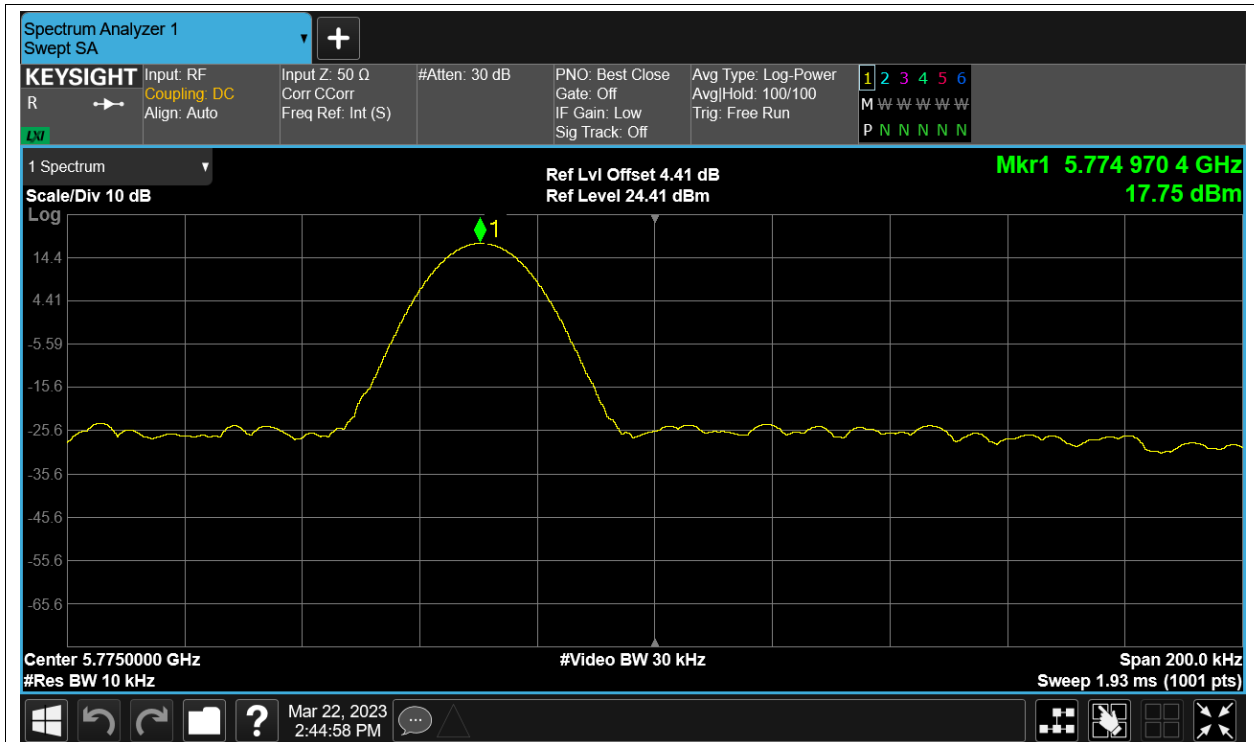
Freq. Stability NVNT a 5745MHz Ant7



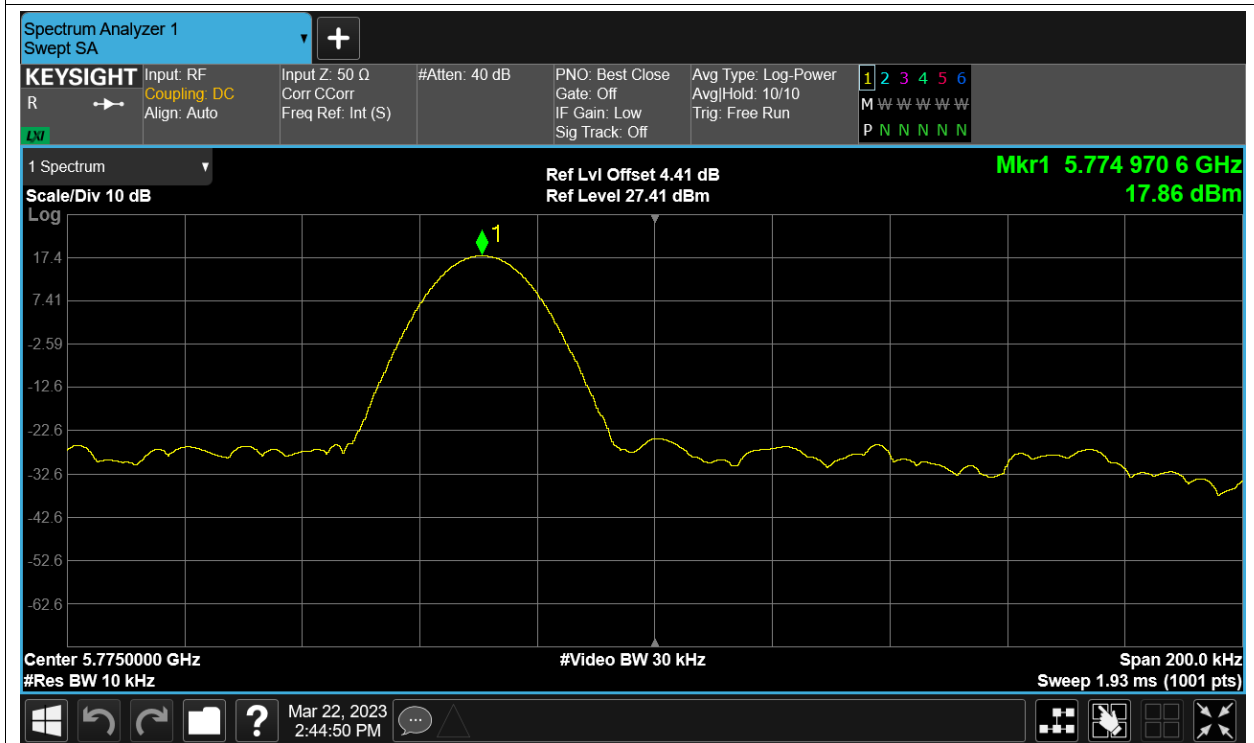
Freq. Stability HVNT ac80 5775MHz Ant7



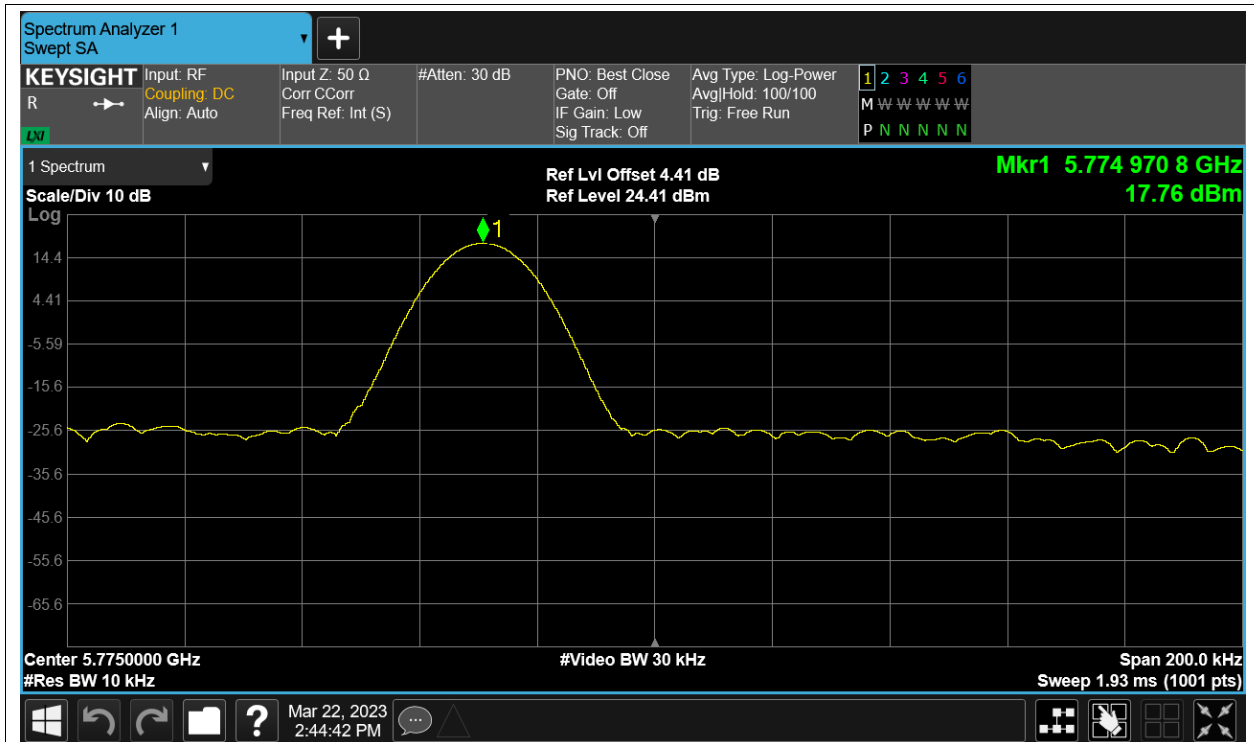
Freq. Stability LVNT ac80 5775MHz Ant7



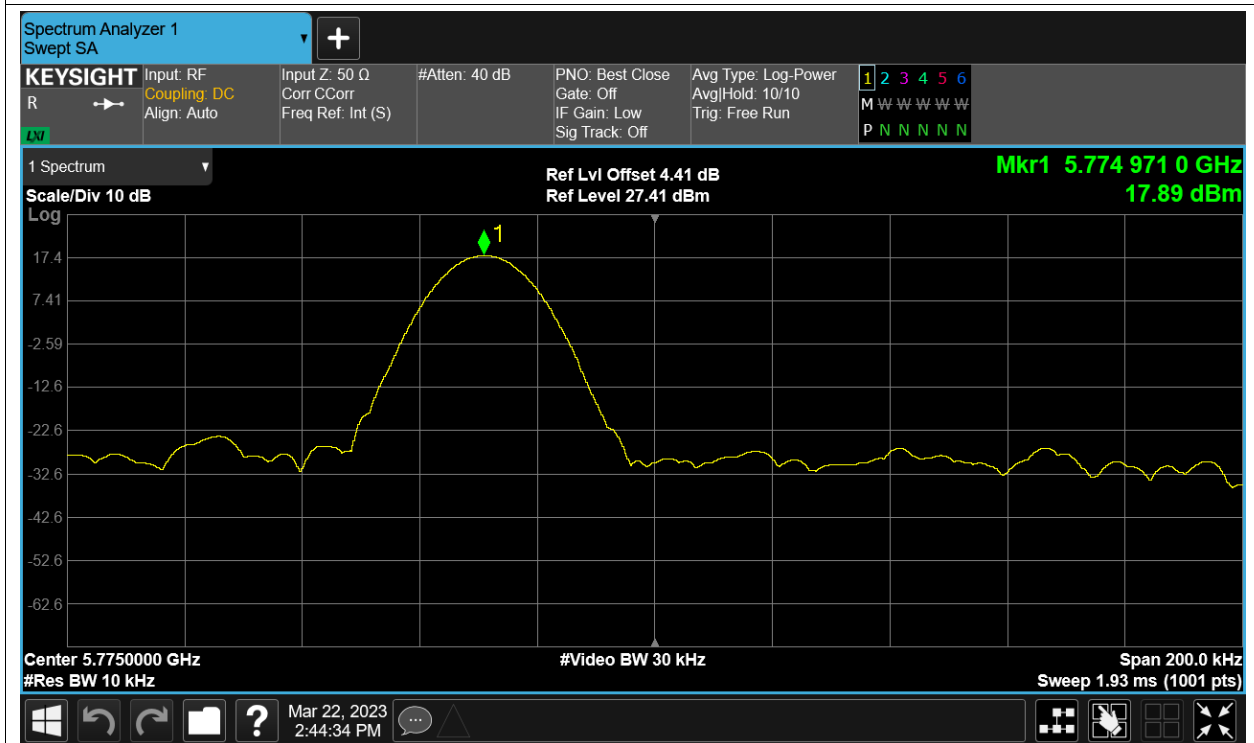
Freq. Stability NVHT ac80 5775MHz Ant7



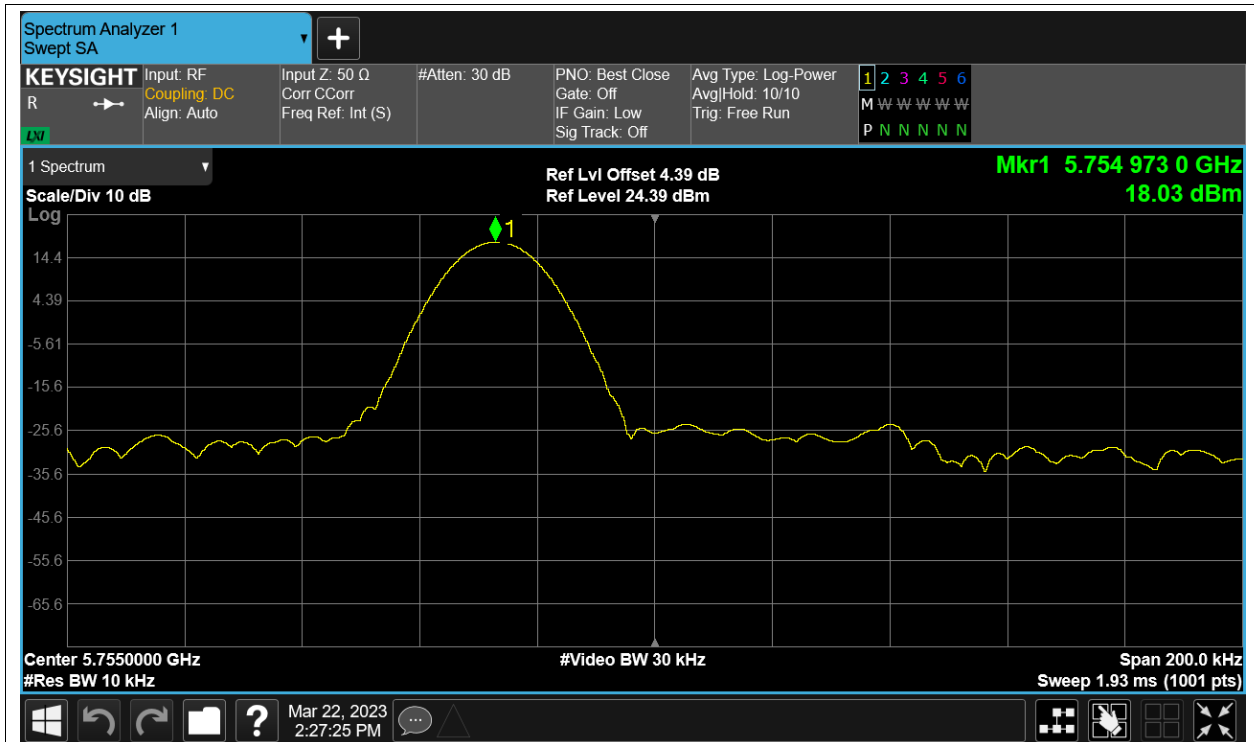
Freq. Stability NVLT ac80 5775MHz Ant7



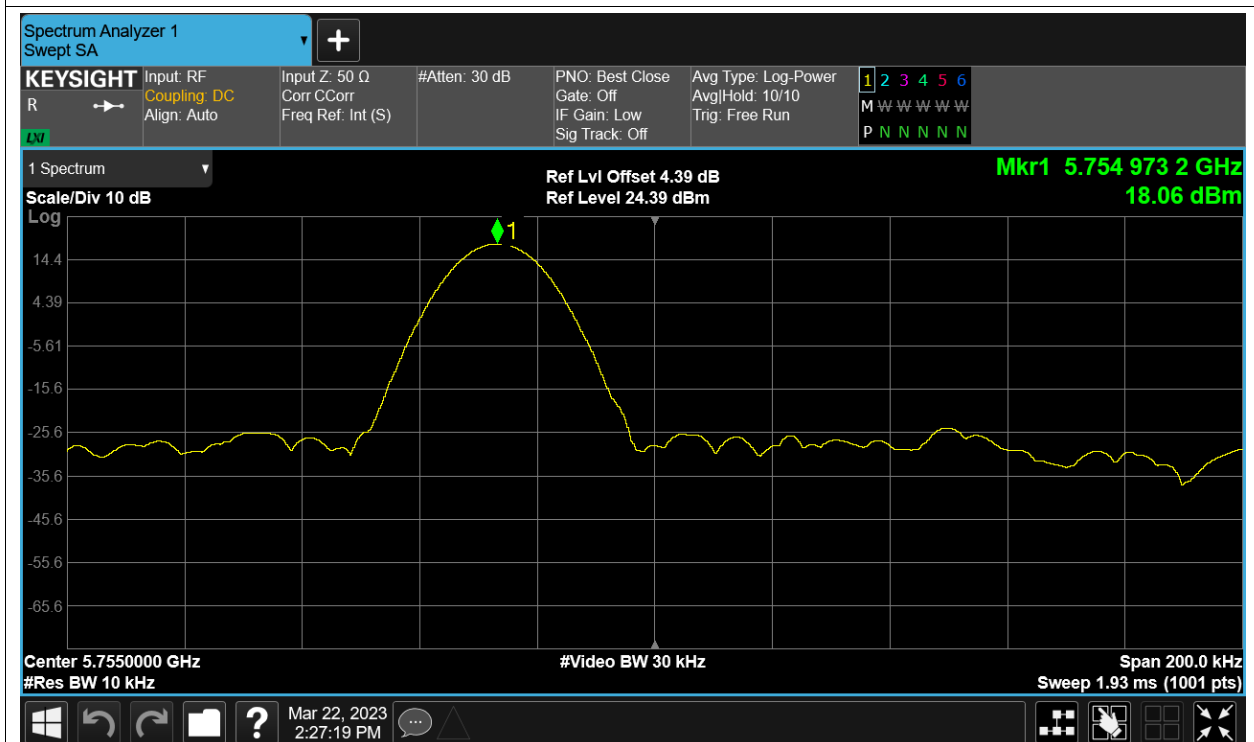
Freq. Stability NVNT ac80 5775MHz Ant7



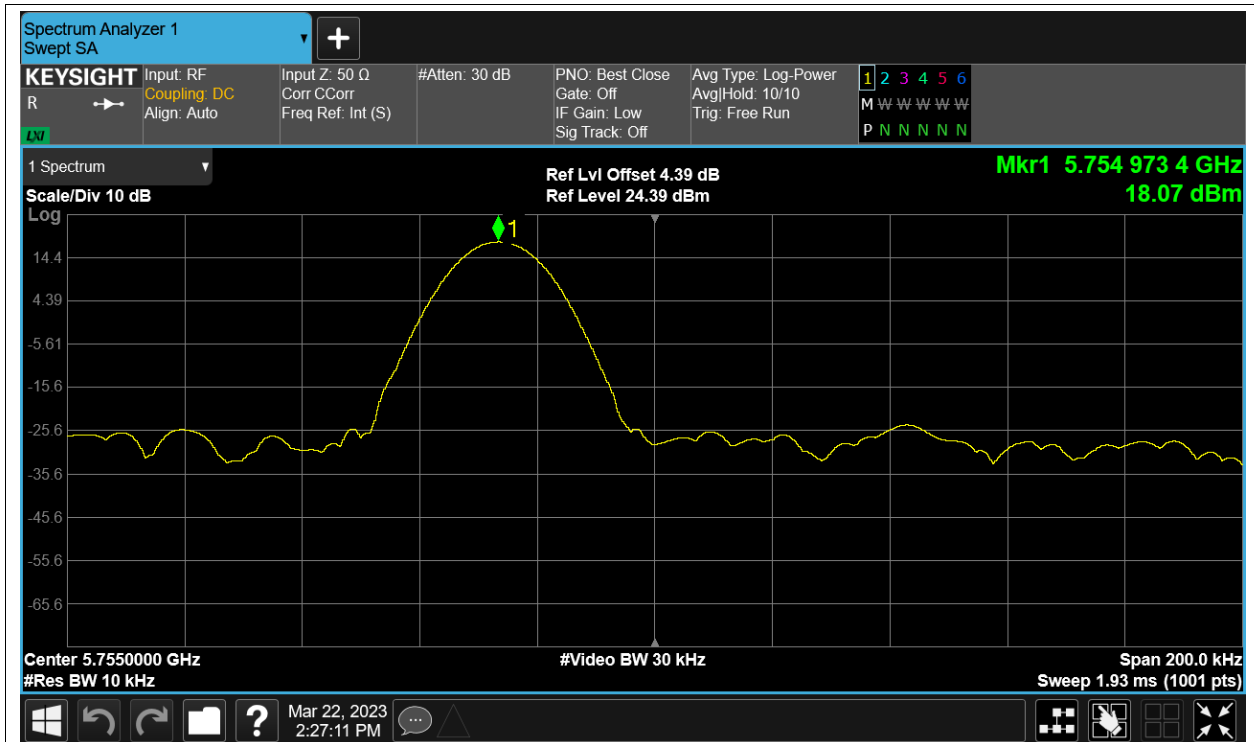
Freq. Stability HVNT n40 5755MHz Ant7



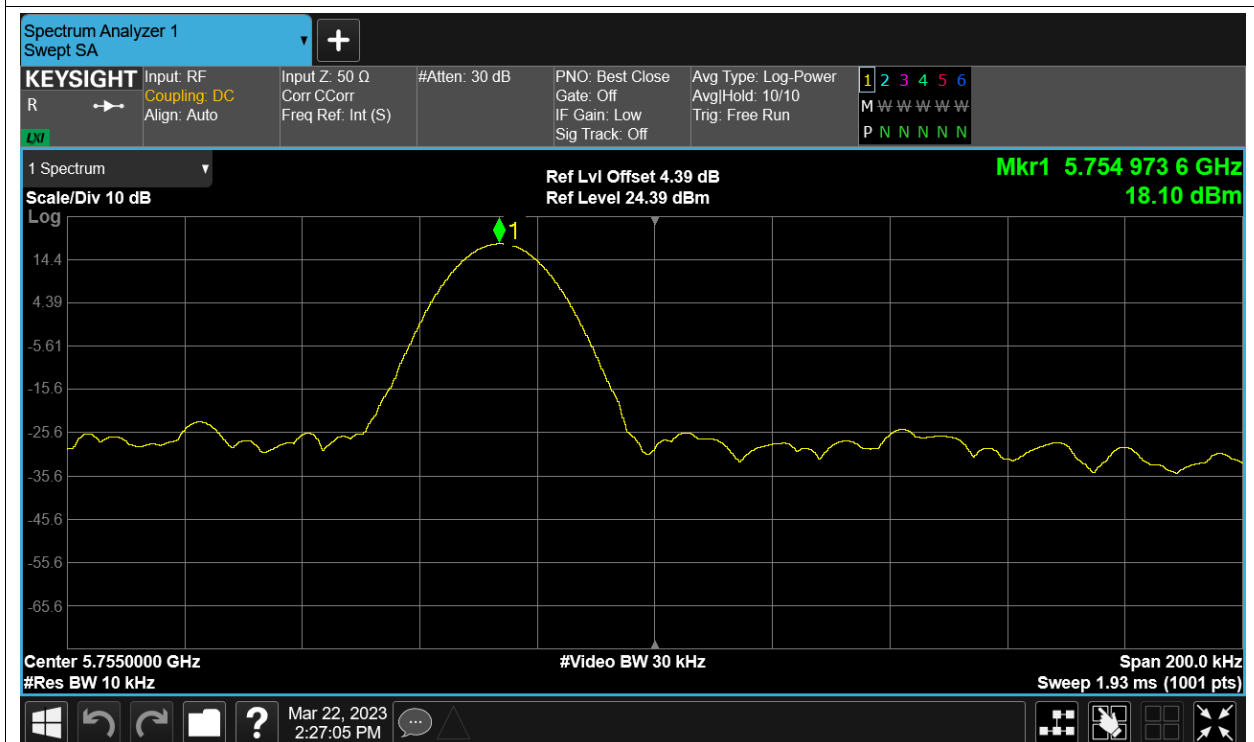
Freq. Stability LVNT n40 5755MHz Ant7



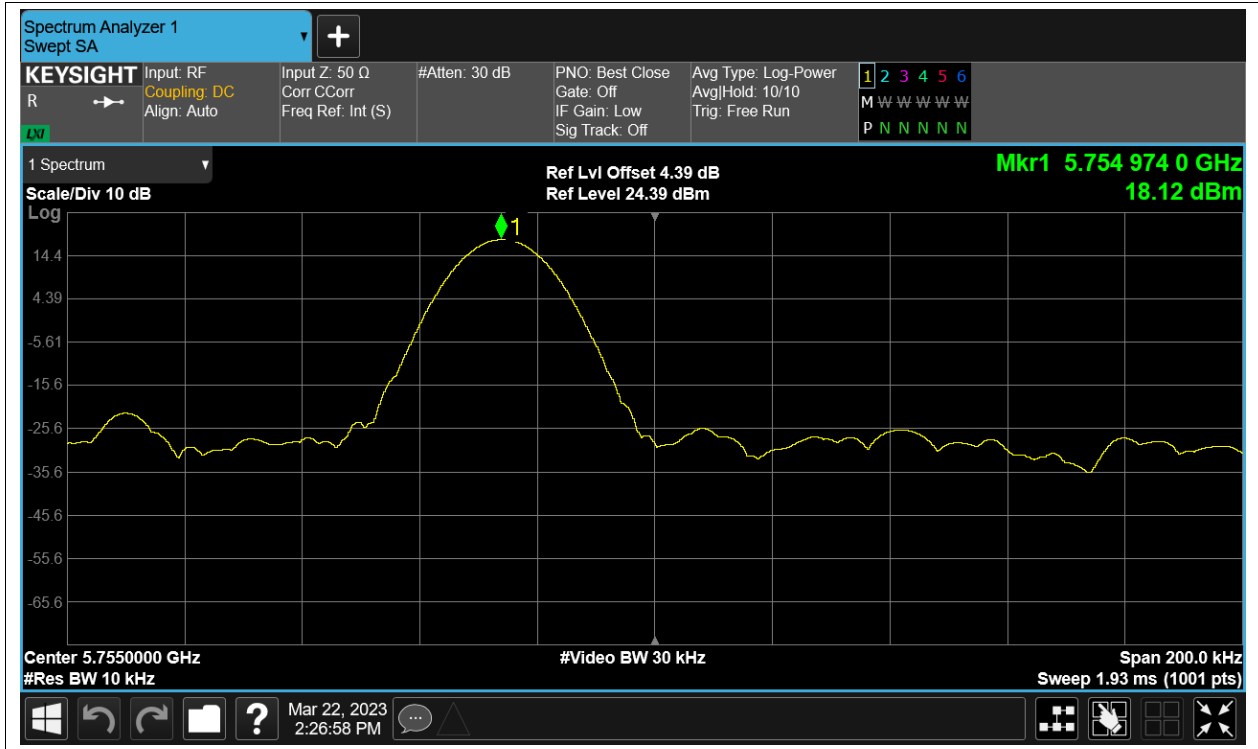
Freq. Stability NVHT n40 5755MHz Ant7



Freq. Stability NVLT n40 5755MHz Ant7



Freq. Stability NVNT n40 5755MHz Ant7

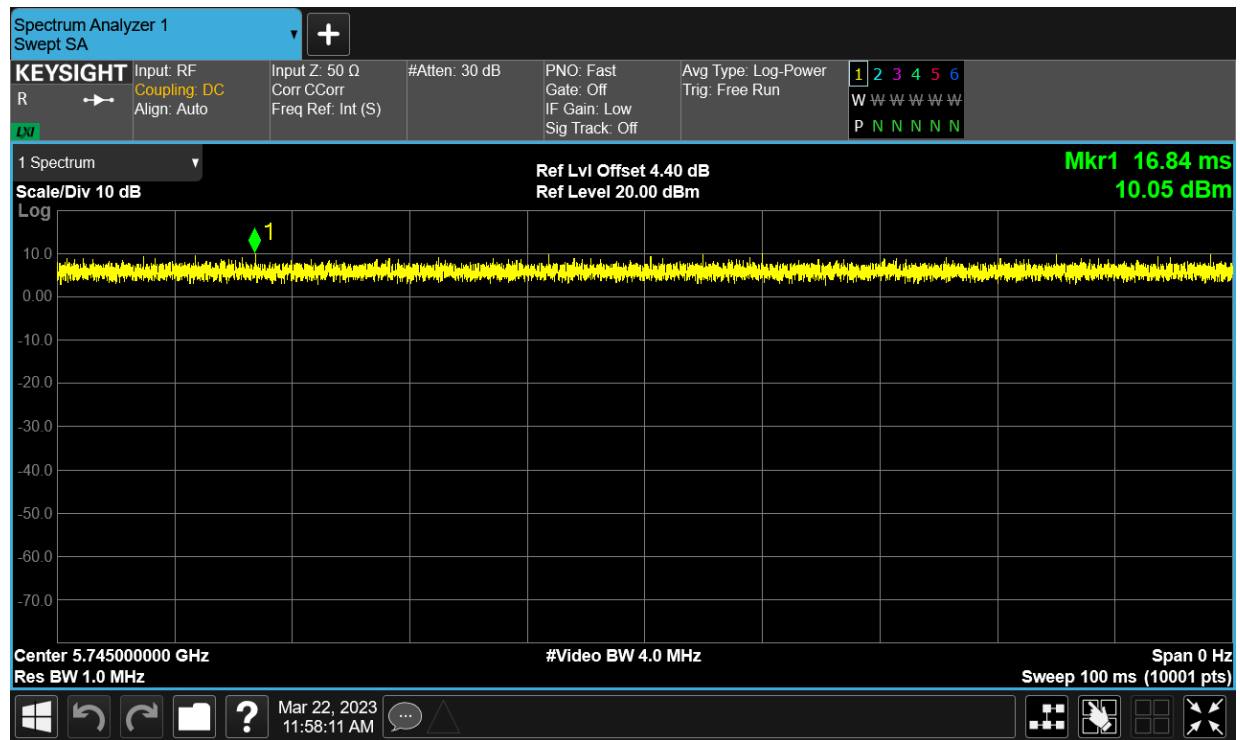


Duty Cycle

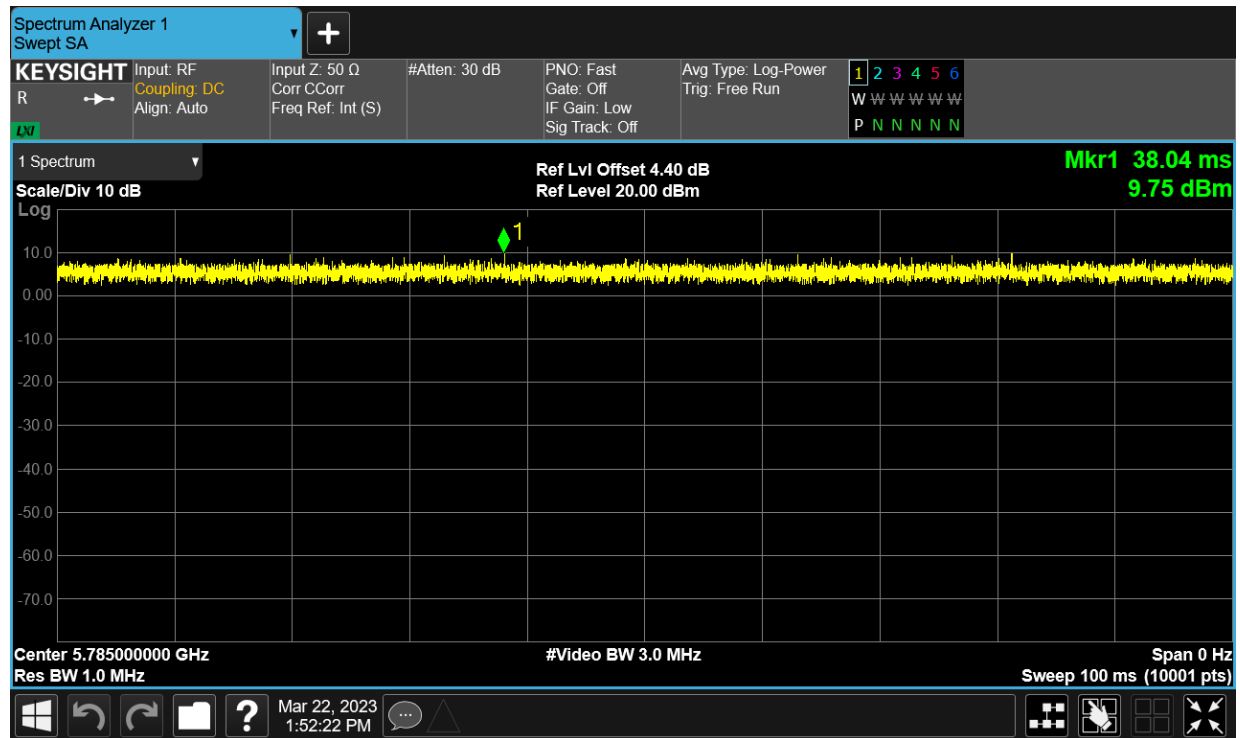
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant7	100	0
NVNT	a	5785	Ant7	100	0
NVNT	a	5825	Ant7	100	0
NVNT	ac20	5745	Ant7	100	0
NVNT	ac20	5785	Ant7	100	0
NVNT	ac20	5825	Ant7	100	0
NVNT	ac40	5755	Ant7	100	0
NVNT	ac40	5795	Ant7	100	0
NVNT	ac80	5775	Ant7	100	0
NVNT	n20	5745	Ant7	100	0
NVNT	n20	5785	Ant7	100	0
NVNT	n20	5825	Ant7	100	0
NVNT	n40	5755	Ant7	100	0
NVNT	n40	5795	Ant7	100	0

Test Graphs

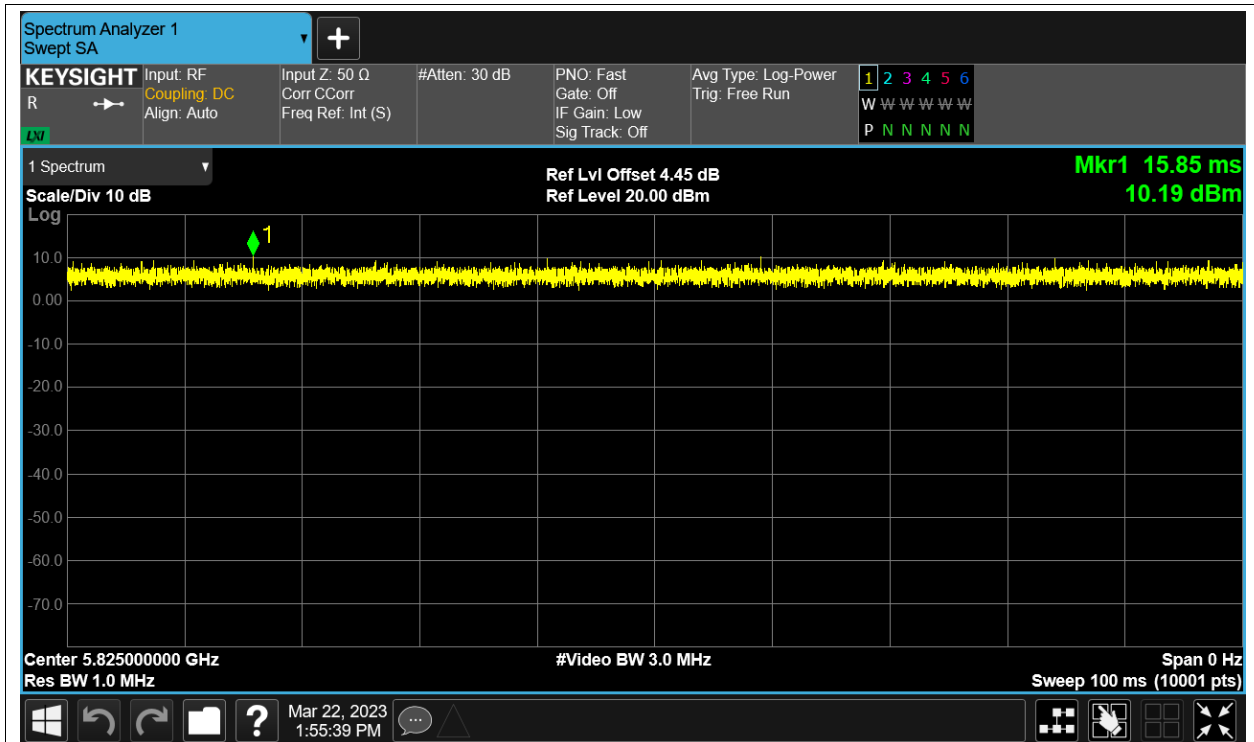
Duty Cycle NVNT a 5745MHz Ant7



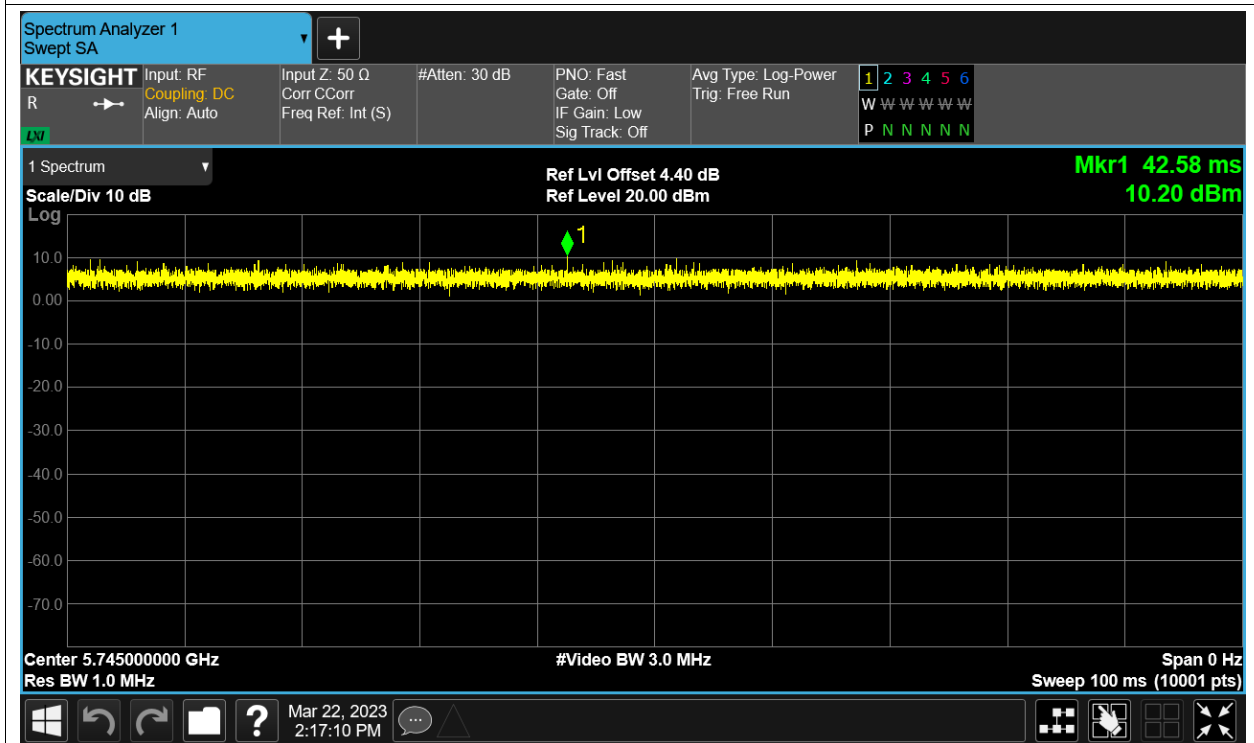
Duty Cycle NVNT a 5785MHz Ant7



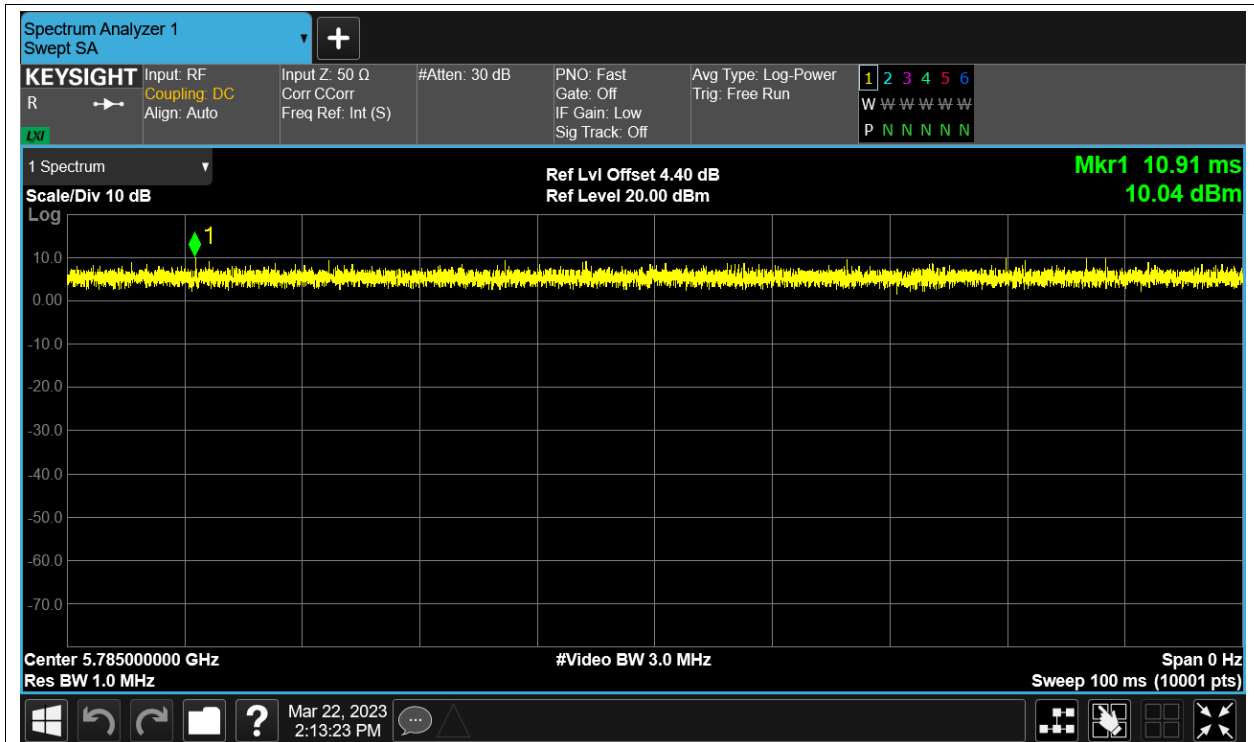
Duty Cycle NVNT a 5825MHz Ant7



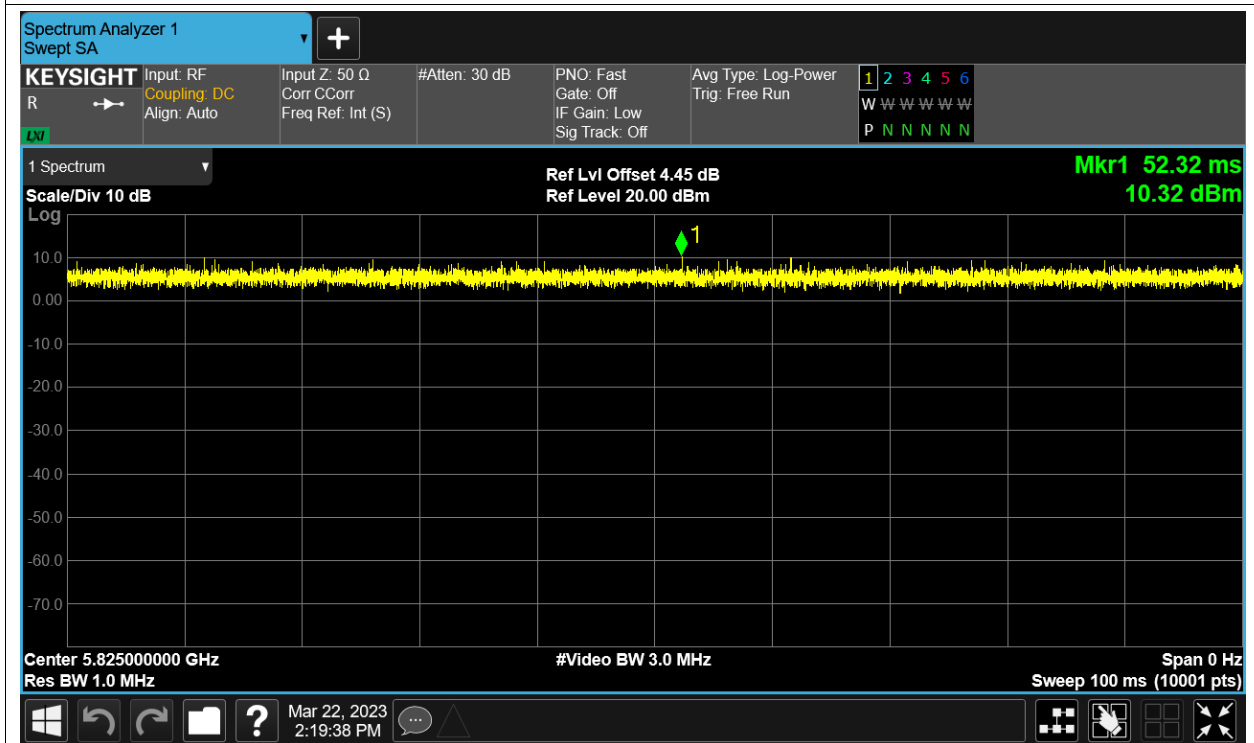
Duty Cycle NVNT ac20 5745MHz Ant7



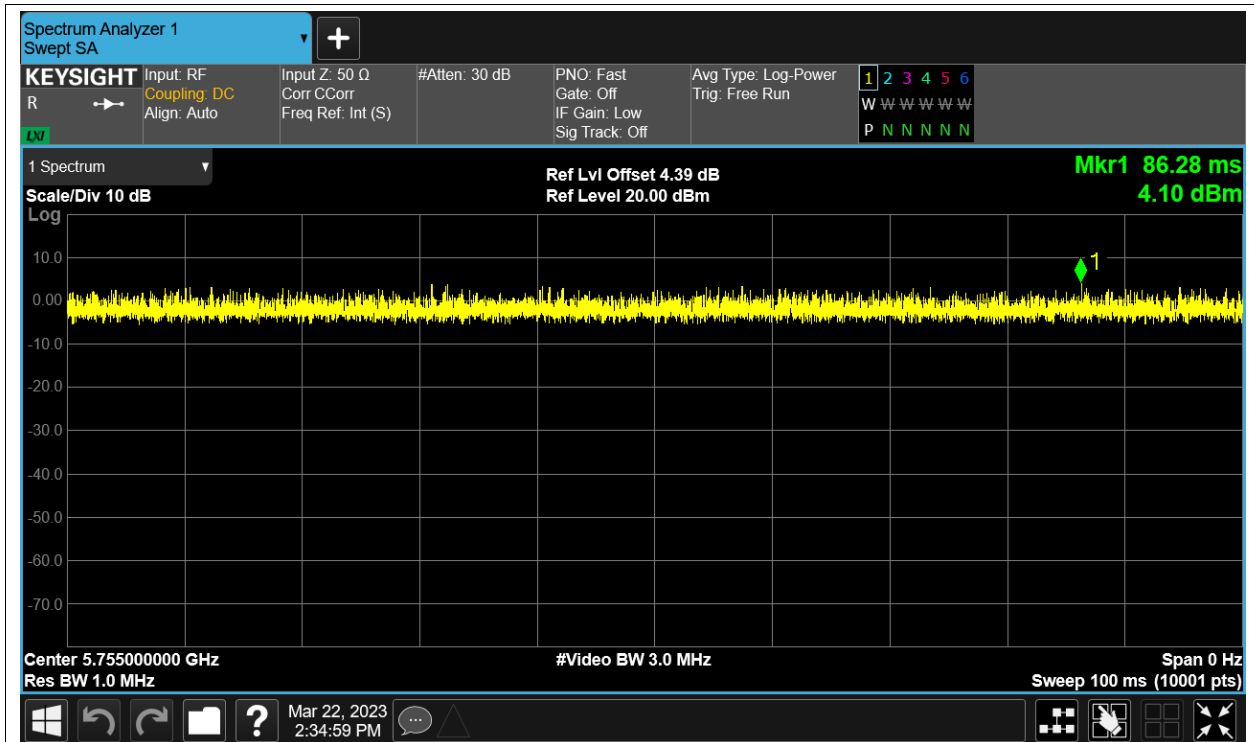
Duty Cycle NVNT ac20 5785MHz Ant7



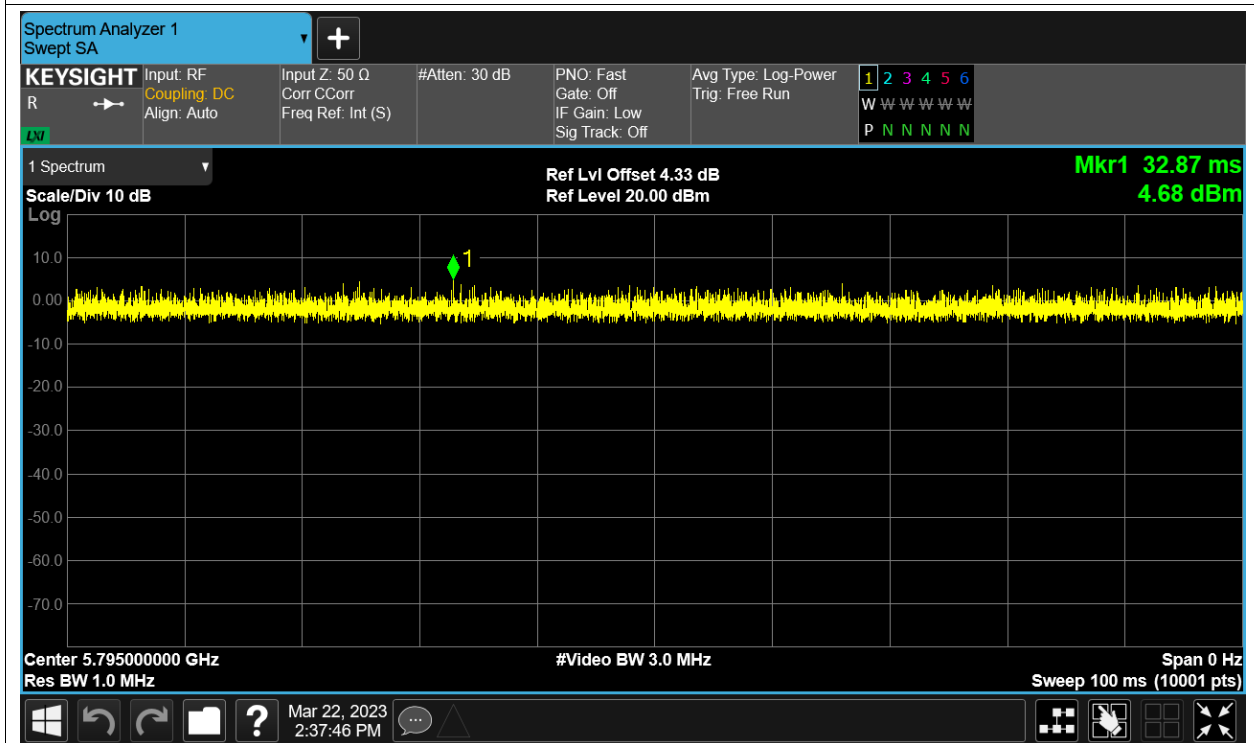
Duty Cycle NVNT ac20 5825MHz Ant7



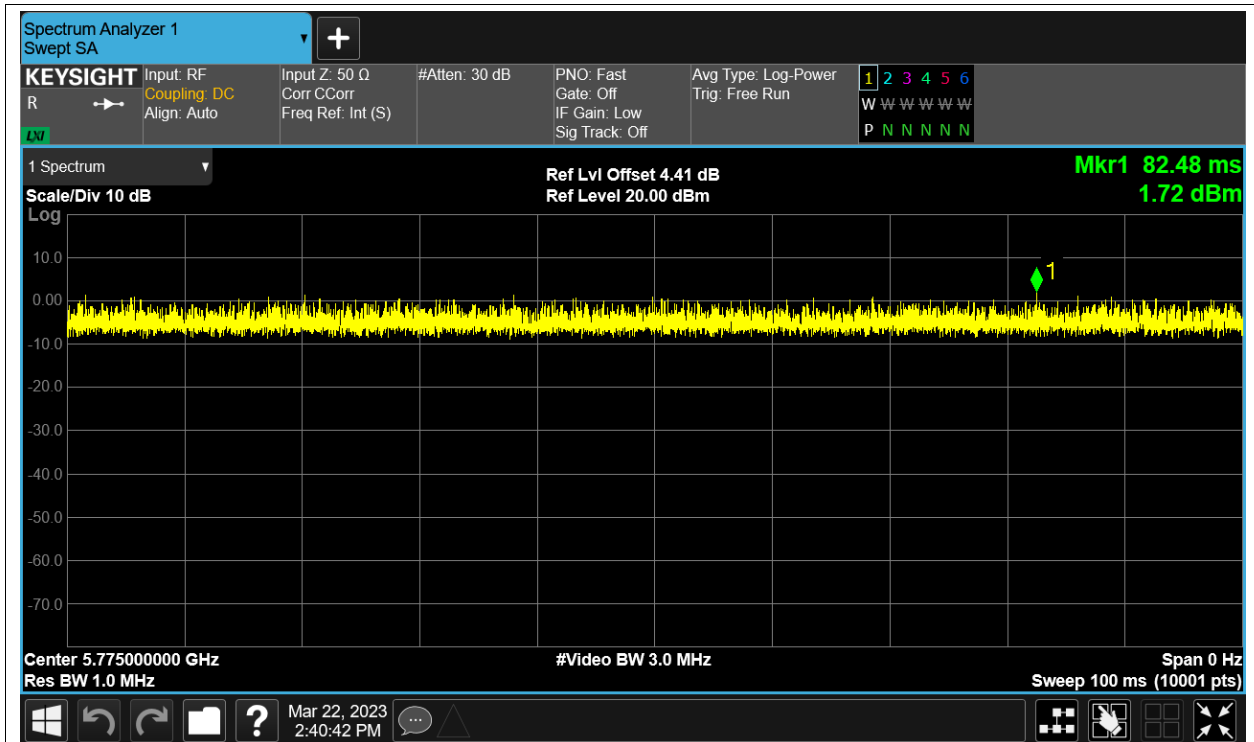
Duty Cycle NVNT ac40 5755MHz Ant7



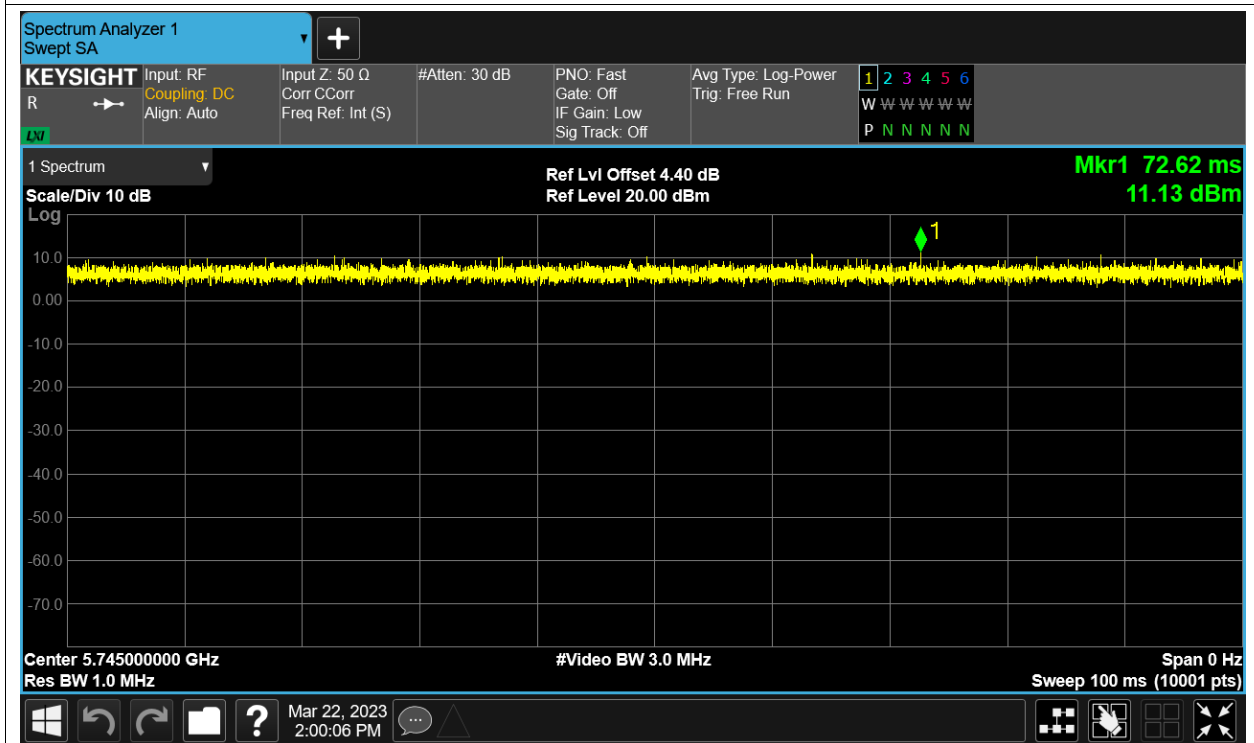
Duty Cycle NVNT ac40 5795MHz Ant7



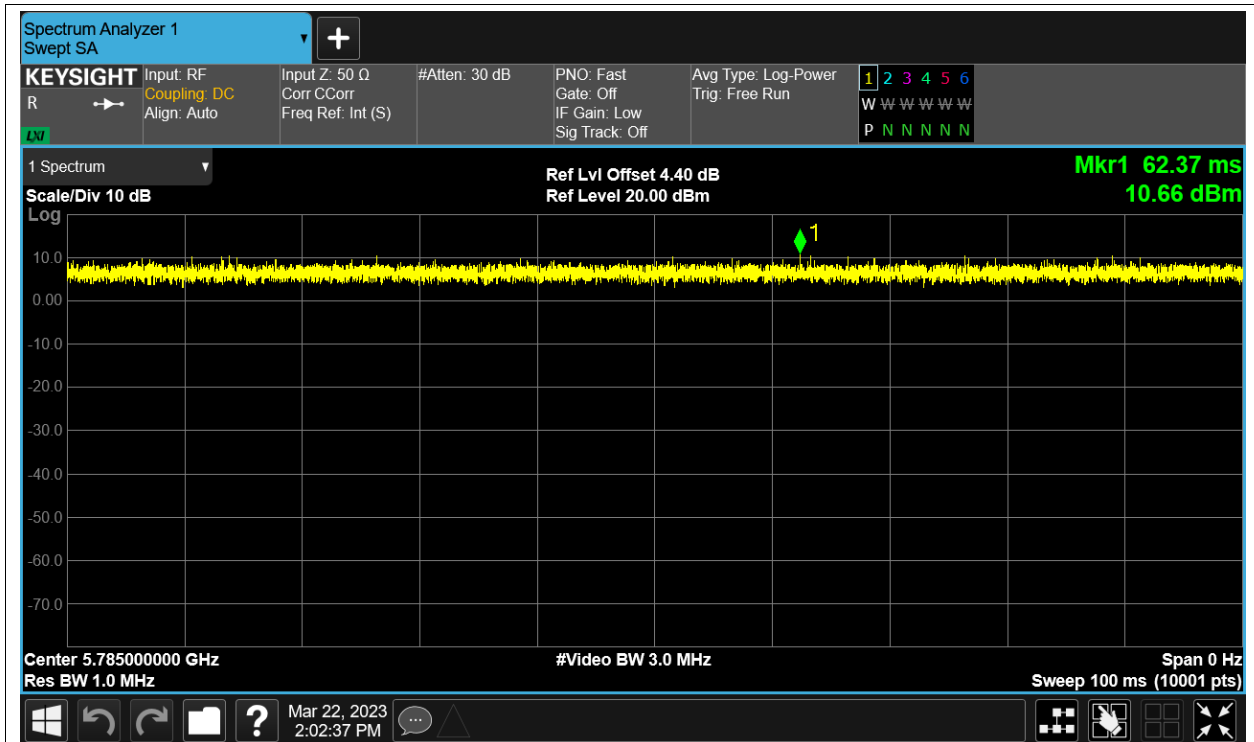
Duty Cycle NVNT ac80 5775MHz Ant7



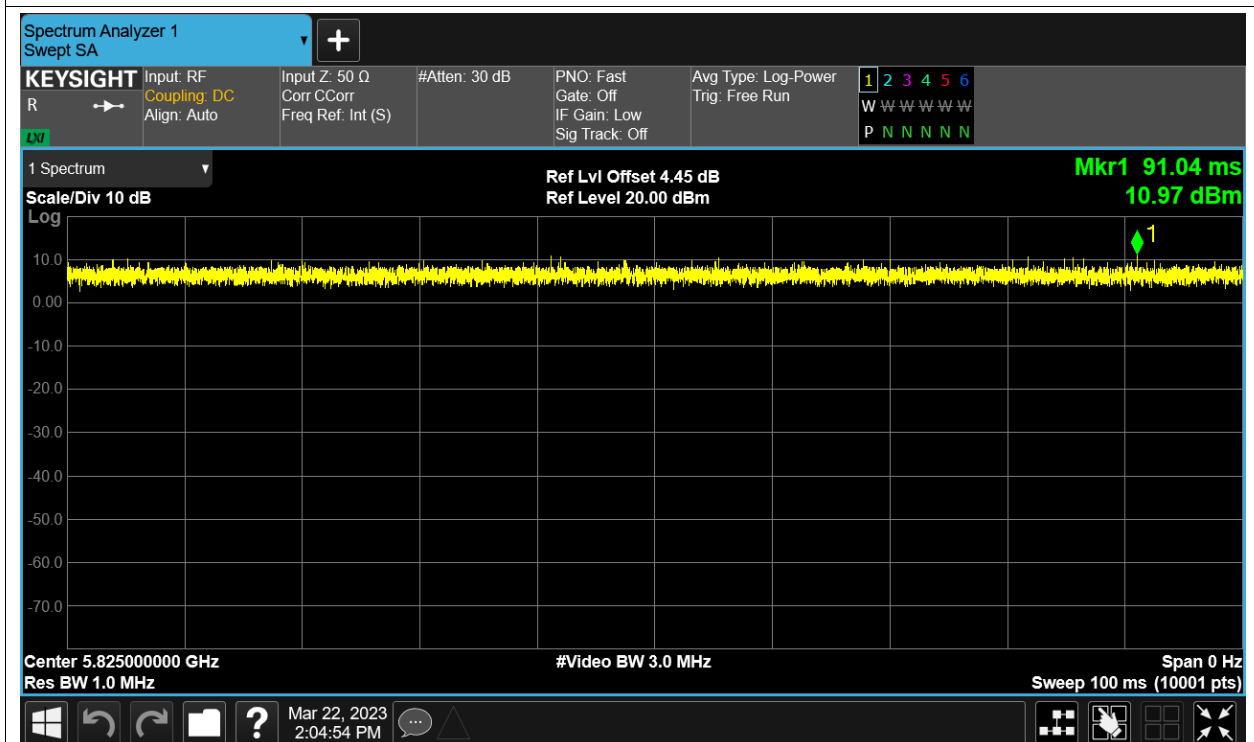
Duty Cycle NVNT n20 5745MHz Ant7



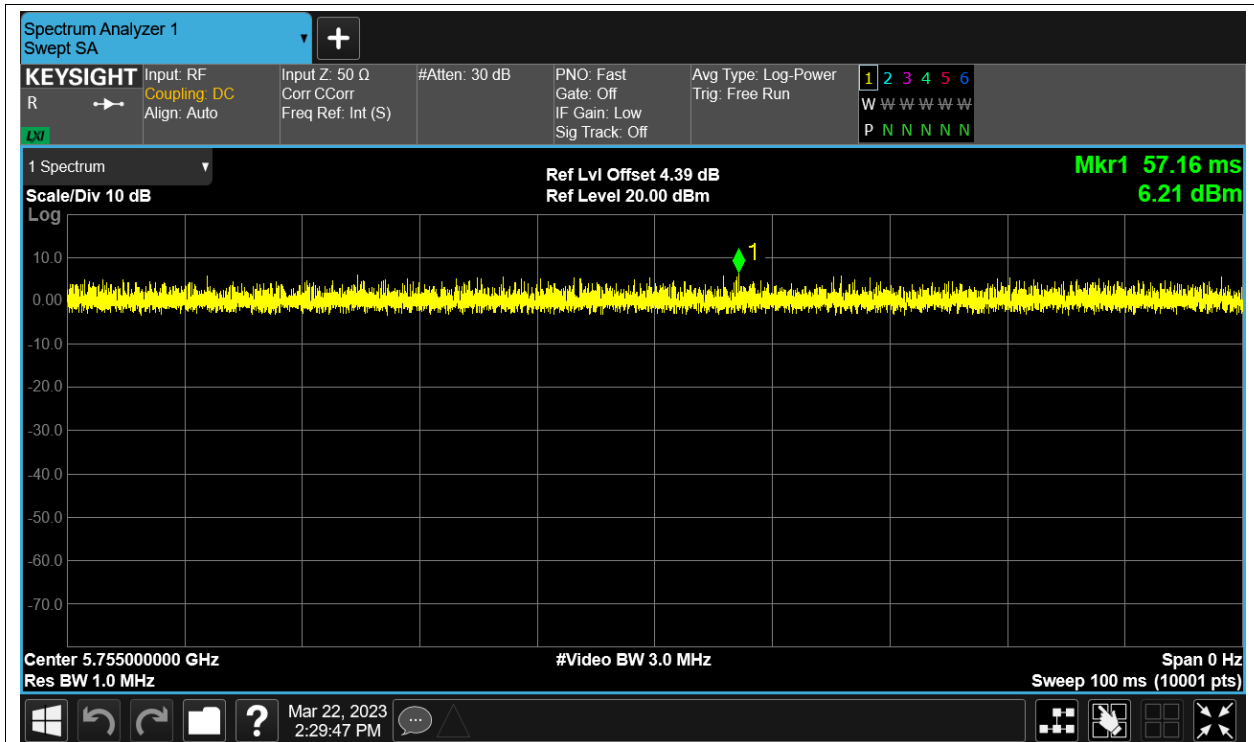
Duty Cycle NVNT n20 5785MHz Ant7



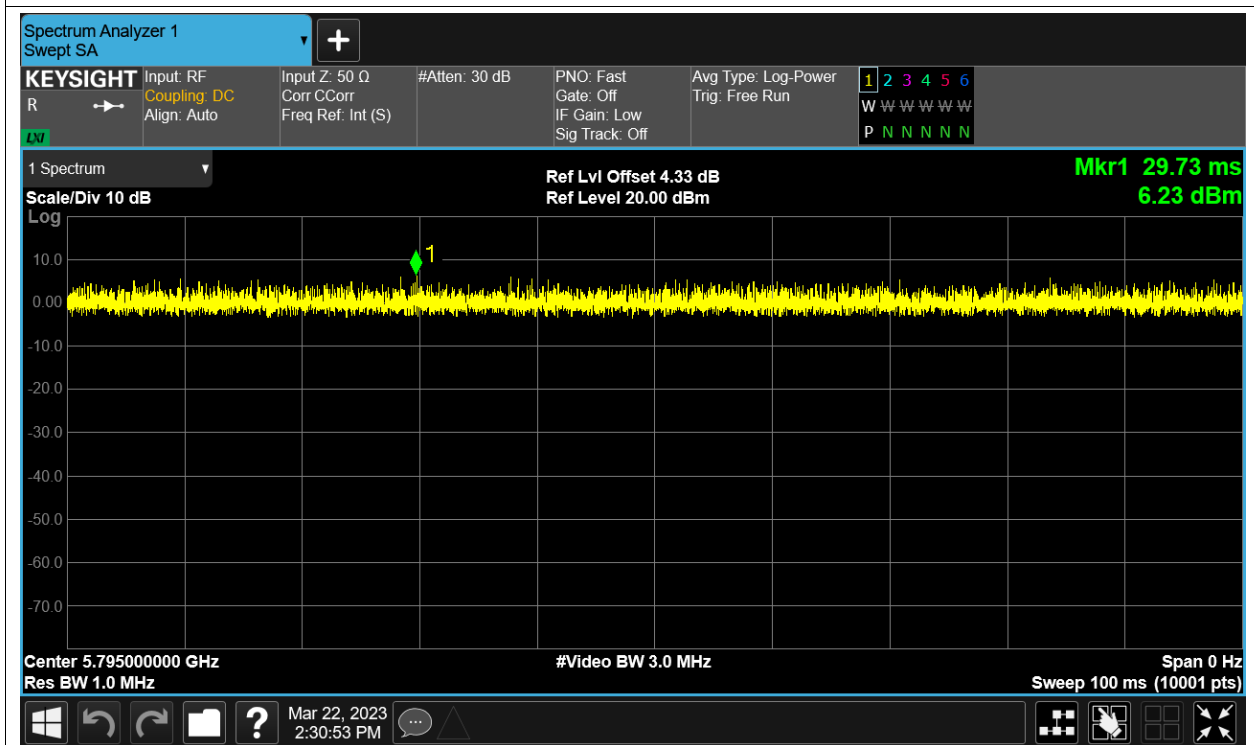
Duty Cycle NVNT n20 5825MHz Ant7



Duty Cycle NVNT n40 5755MHz Ant7



Duty Cycle NVNT n40 5795MHz Ant7



Maximum Conducted Output Power

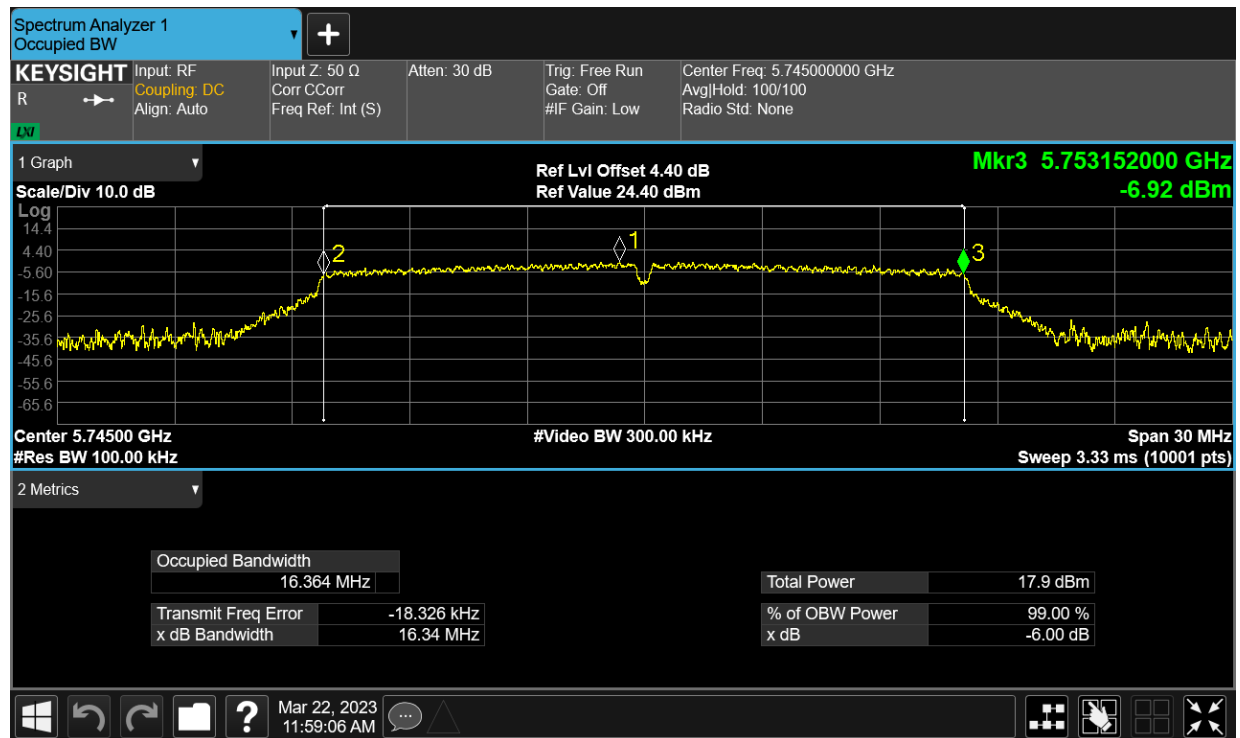
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant7	12.21	0	12.21	30	Pass
NVNT	a	5785	Ant7	13.66	0	13.66	30	Pass
NVNT	a	5825	Ant7	12.9	0	12.9	30	Pass
NVNT	ac20	5745	Ant7	11.95	0	11.95	30	Pass
NVNT	ac20	5785	Ant7	13.59	0	13.59	30	Pass
NVNT	ac20	5825	Ant7	12.67	0	12.67	30	Pass
NVNT	ac40	5755	Ant7	11.08	0	11.08	30	Pass
NVNT	ac40	5795	Ant7	12.56	0	12.56	30	Pass
NVNT	ac80	5775	Ant7	11.65	0	11.65	30	Pass
NVNT	n20	5745	Ant7	12.98	0	12.98	30	Pass
NVNT	n20	5785	Ant7	14.65	0	14.65	30	Pass
NVNT	n20	5825	Ant7	13.64	0	13.64	30	Pass
NVNT	n40	5755	Ant7	13.22	0	13.22	30	Pass
NVNT	n40	5795	Ant7	14.29	0	14.29	30	Pass

-6dB Bandwidth

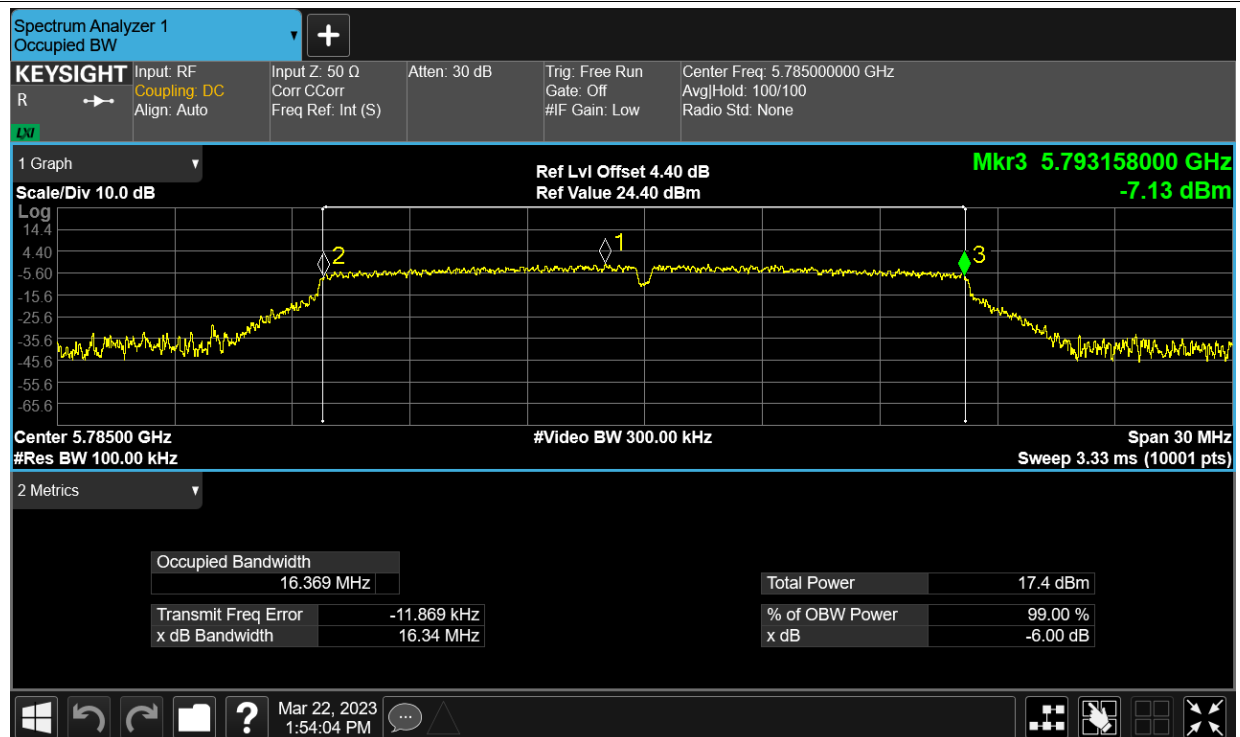
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant7	16.34	0.5	Pass
NVNT	a	5785	Ant7	16.34	0.5	Pass
NVNT	a	5825	Ant7	16.344	0.5	Pass
NVNT	ac20	5745	Ant7	17.582	0.5	Pass
NVNT	ac20	5785	Ant7	17.612	0.5	Pass
NVNT	ac20	5825	Ant7	17.575	0.5	Pass
NVNT	ac40	5755	Ant7	36.316	0.5	Pass
NVNT	ac40	5795	Ant7	36.25	0.5	Pass
NVNT	ac80	5775	Ant7	76.038	0.5	Pass
NVNT	n20	5745	Ant7	17.572	0.5	Pass
NVNT	n20	5785	Ant7	17.579	0.5	Pass
NVNT	n20	5825	Ant7	17.586	0.5	Pass
NVNT	n40	5755	Ant7	36.067	0.5	Pass
NVNT	n40	5795	Ant7	36.272	0.5	Pass

Test Graphs

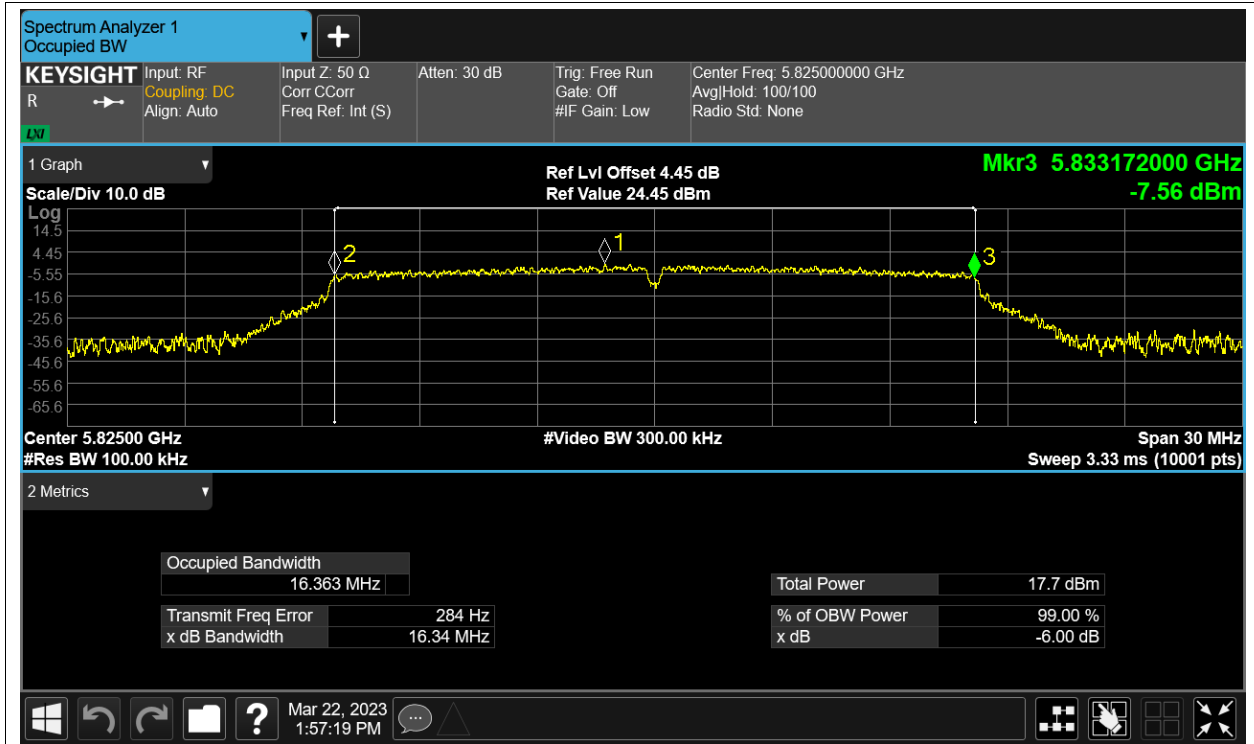
-6dB Bandwidth NVNT a 5745MHz Ant7



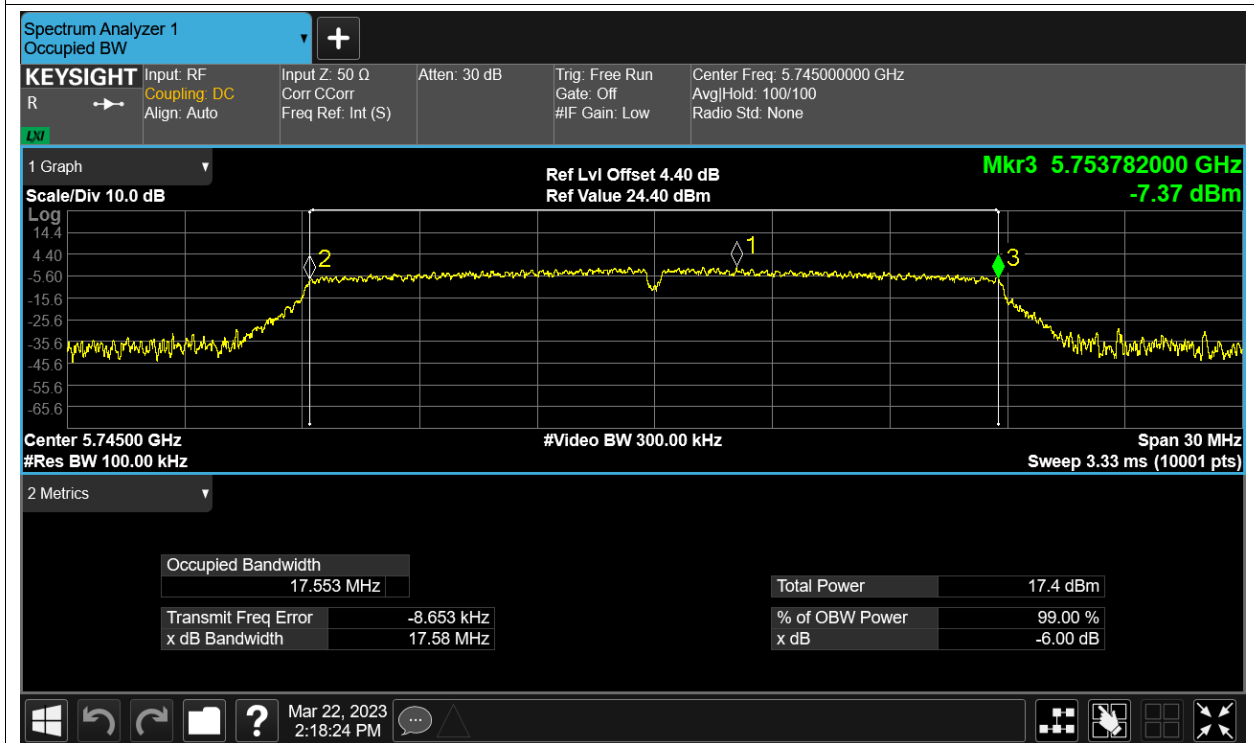
-6dB Bandwidth NVNT a 5785MHz Ant7



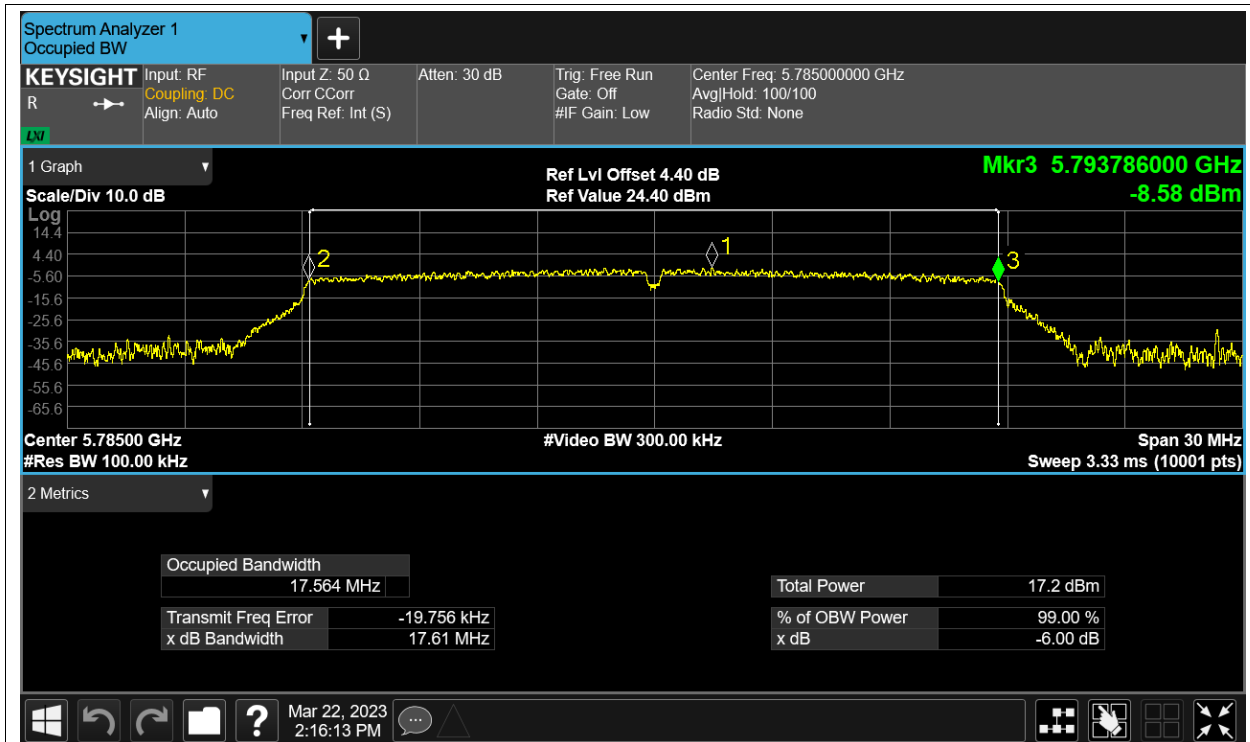
-6dB Bandwidth NVNT a 5825MHz Ant7



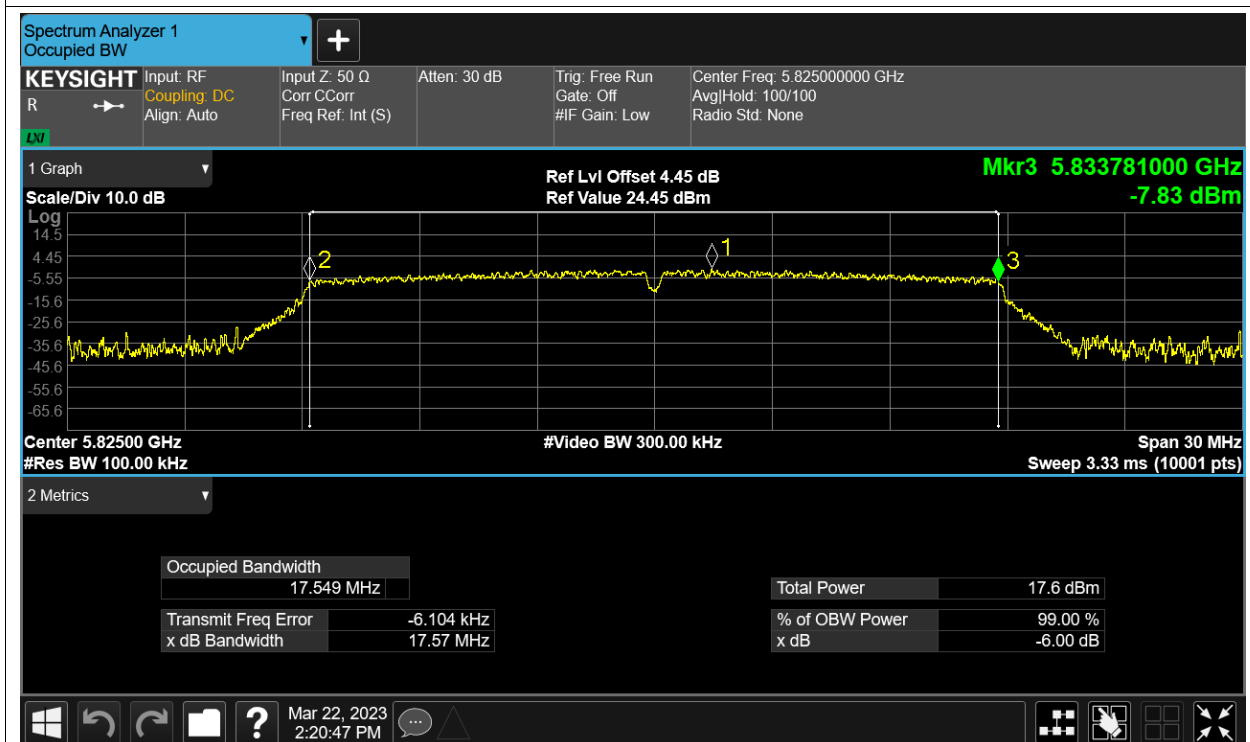
-6dB Bandwidth NVNT ac20 5745MHz Ant7



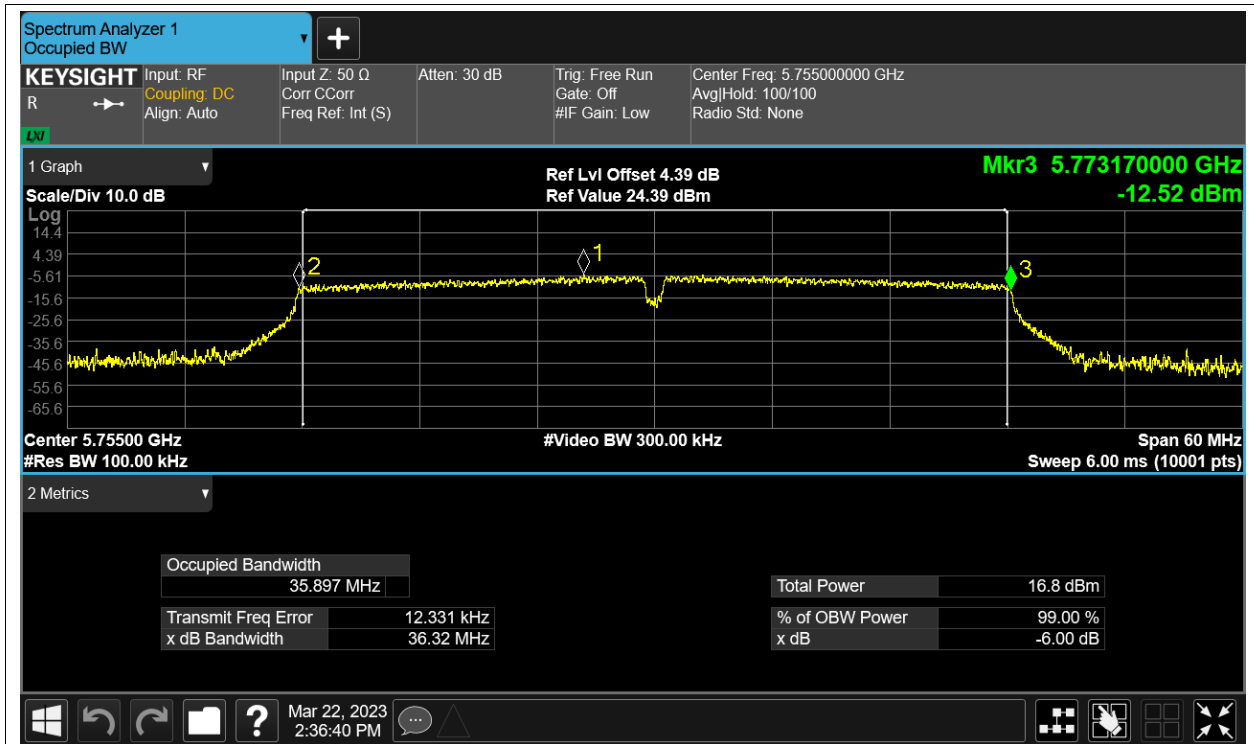
-6dB Bandwidth NVNT ac20 5785MHz Ant7



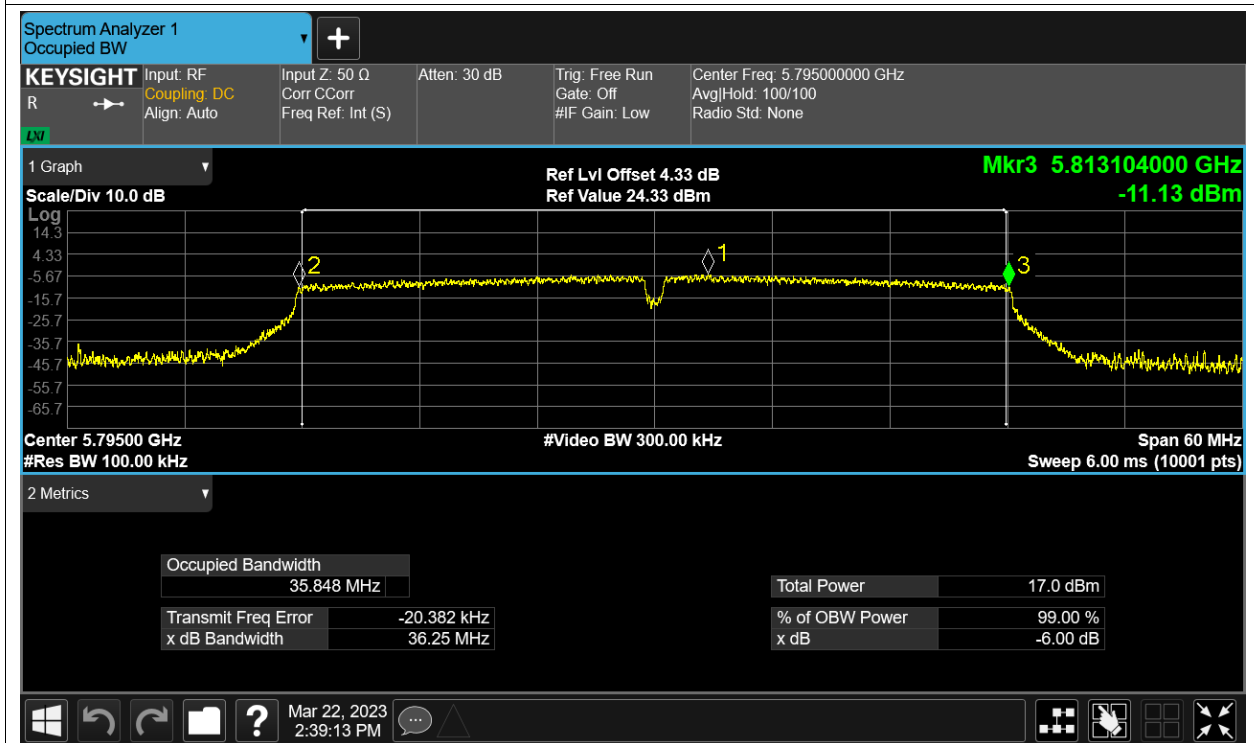
-6dB Bandwidth NVNT ac20 5825MHz Ant7



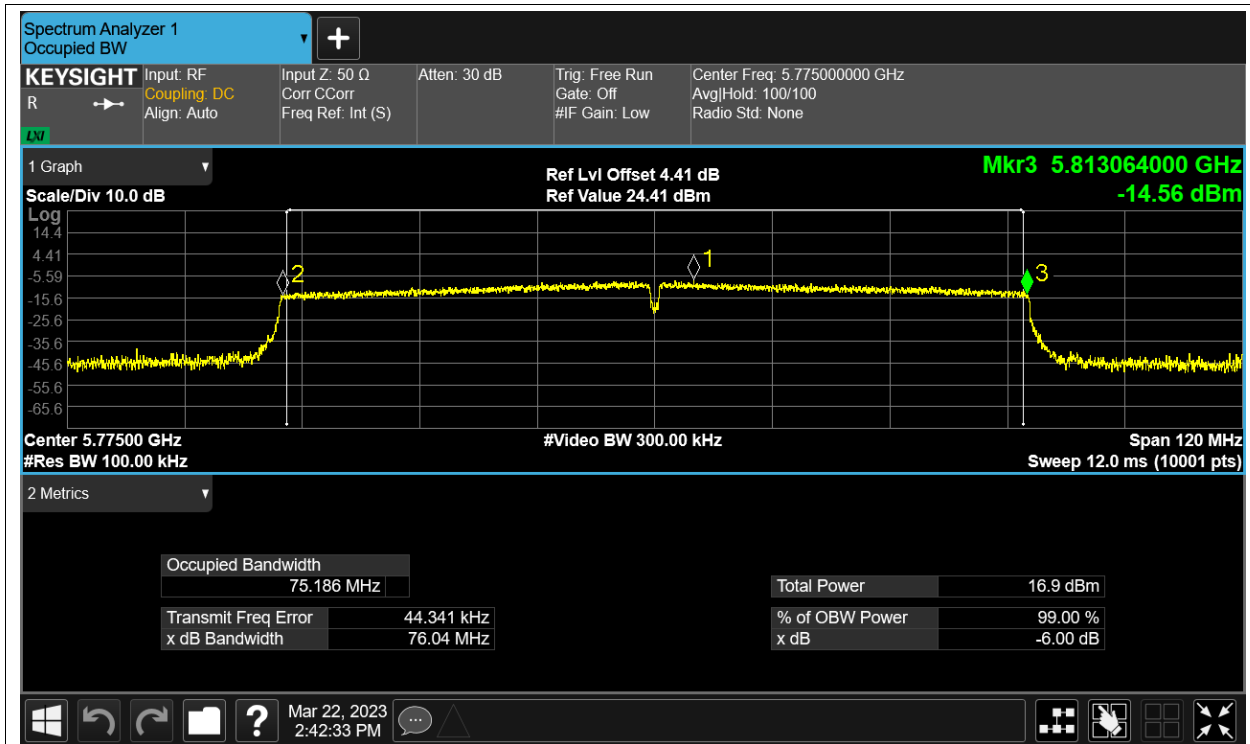
-6dB Bandwidth NVNT ac40 5755MHz Ant7



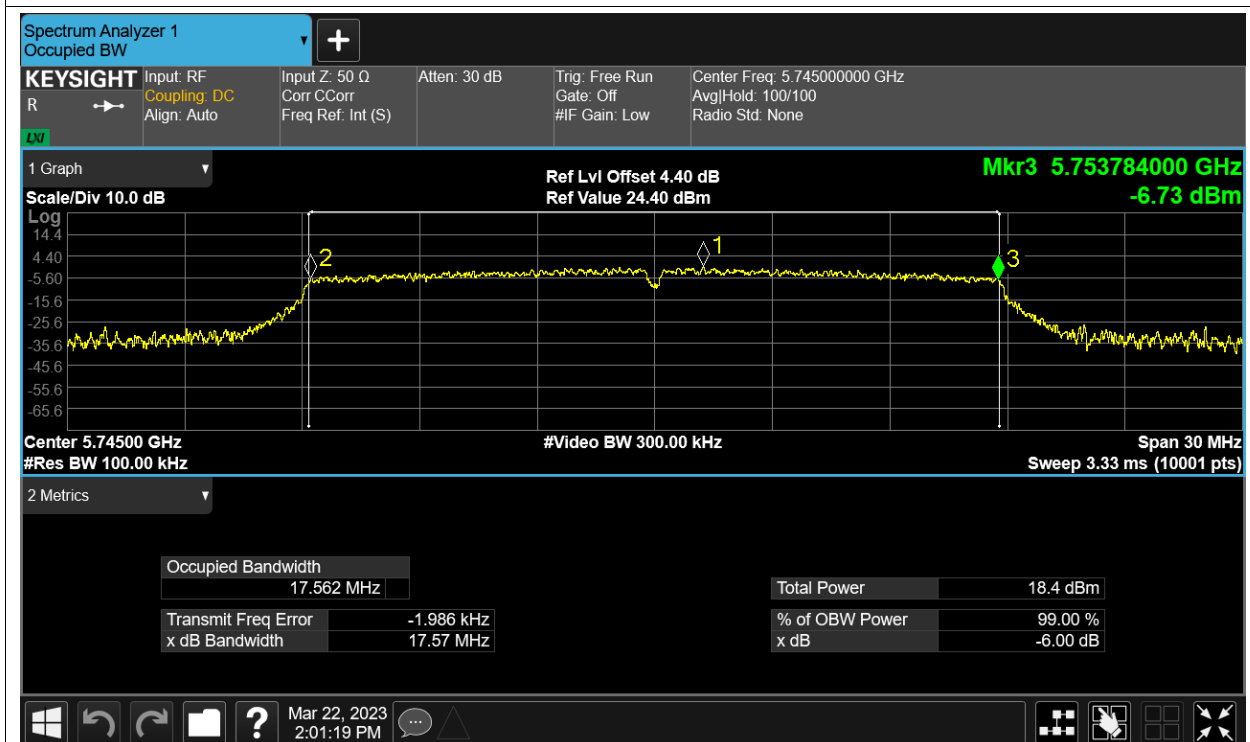
-6dB Bandwidth NVNT ac40 5795MHz Ant7



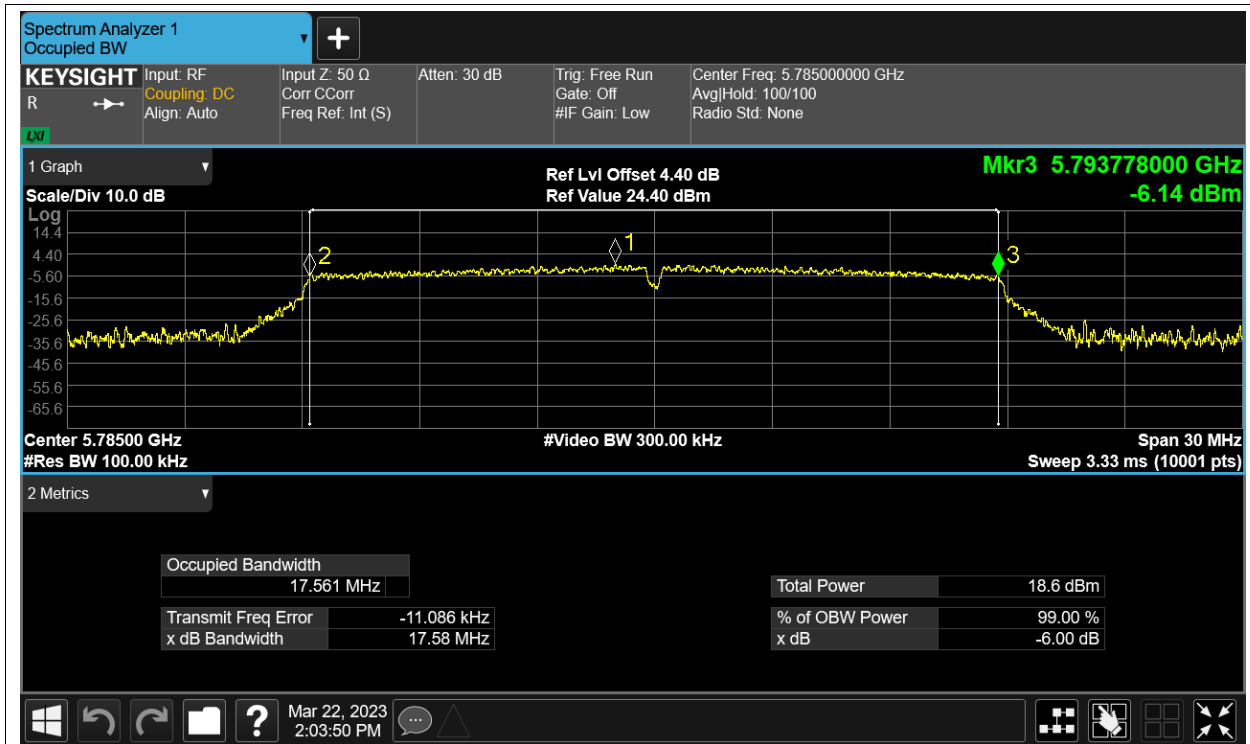
-6dB Bandwidth NVNT ac80 5775MHz Ant7



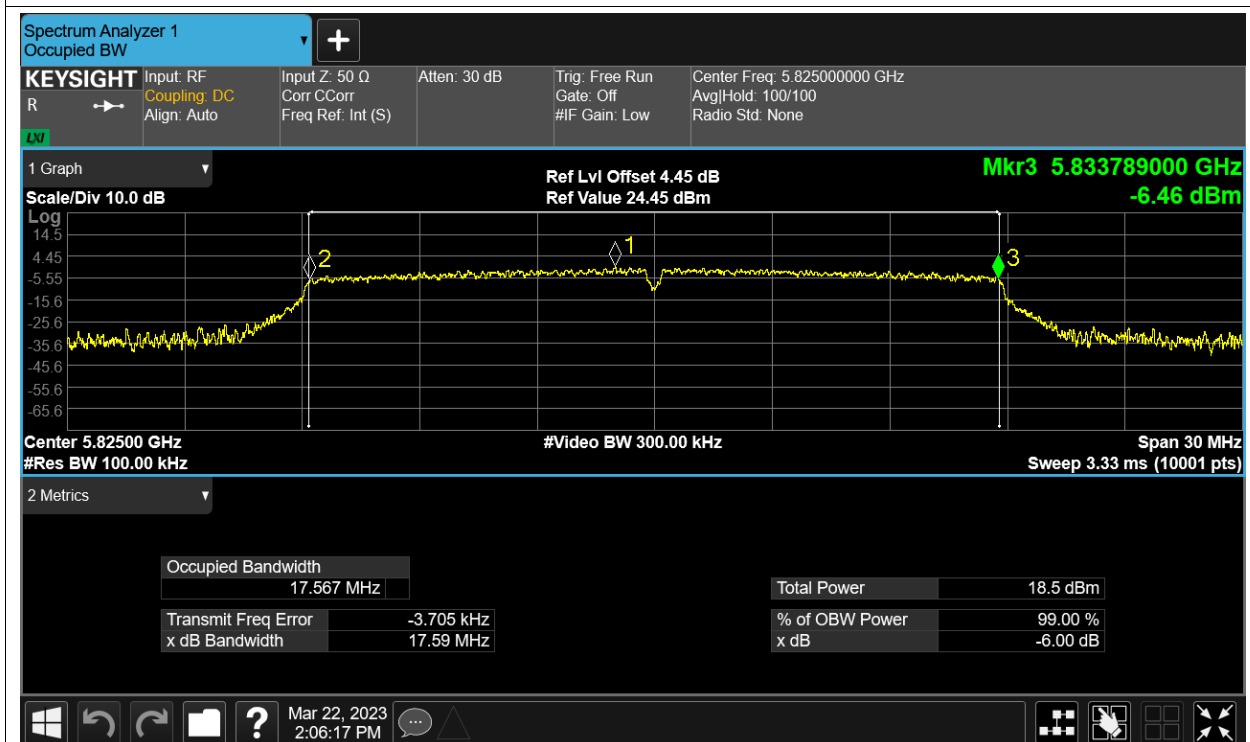
-6dB Bandwidth NVNT n20 5745MHz Ant7



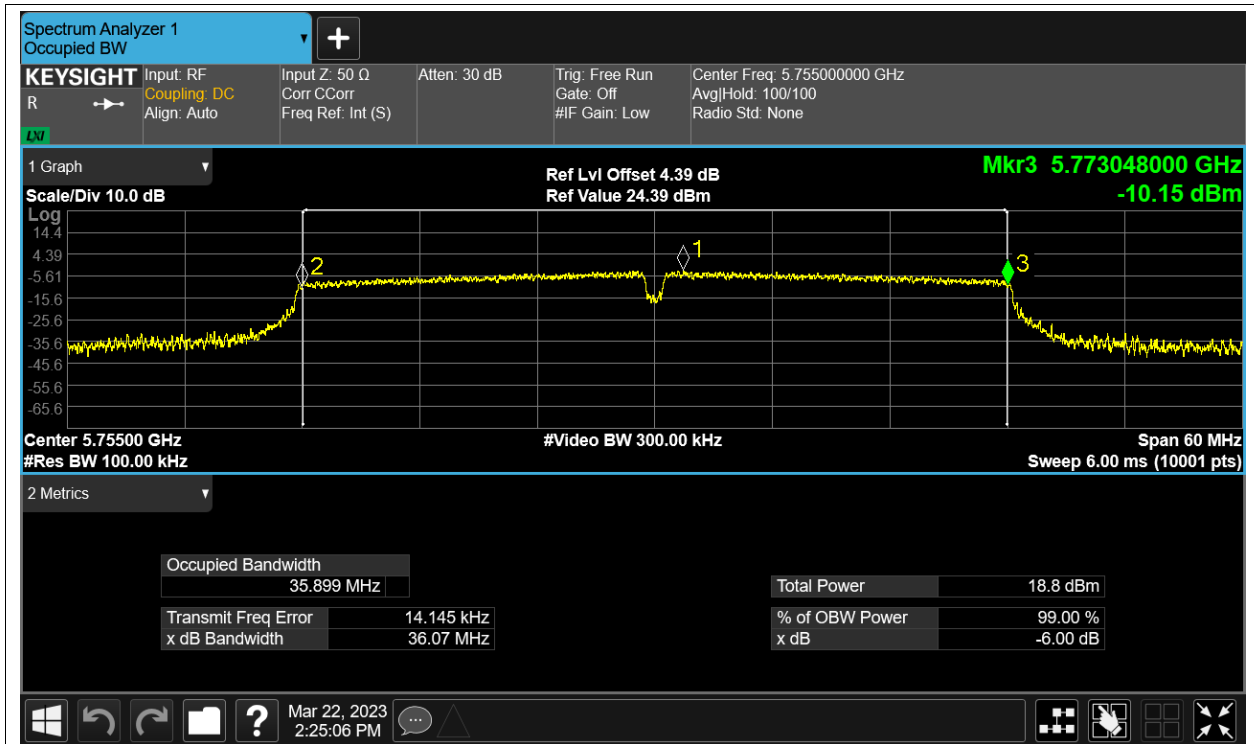
-6dB Bandwidth NVNT n20 5785MHz Ant7



-6dB Bandwidth NVNT n20 5825MHz Ant7



-6dB Bandwidth NVNT n40 5755MHz Ant7



-6dB Bandwidth NVNT n40 5795MHz Ant7

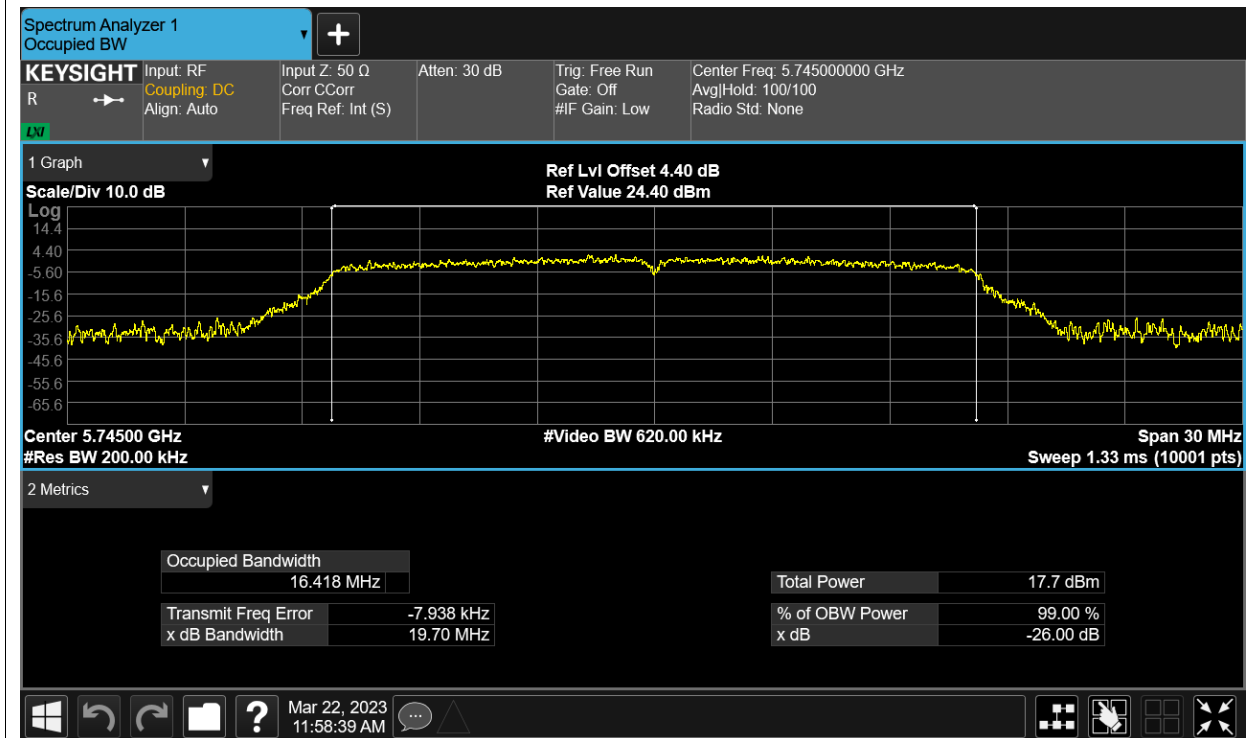


Occupied Channel Bandwidth

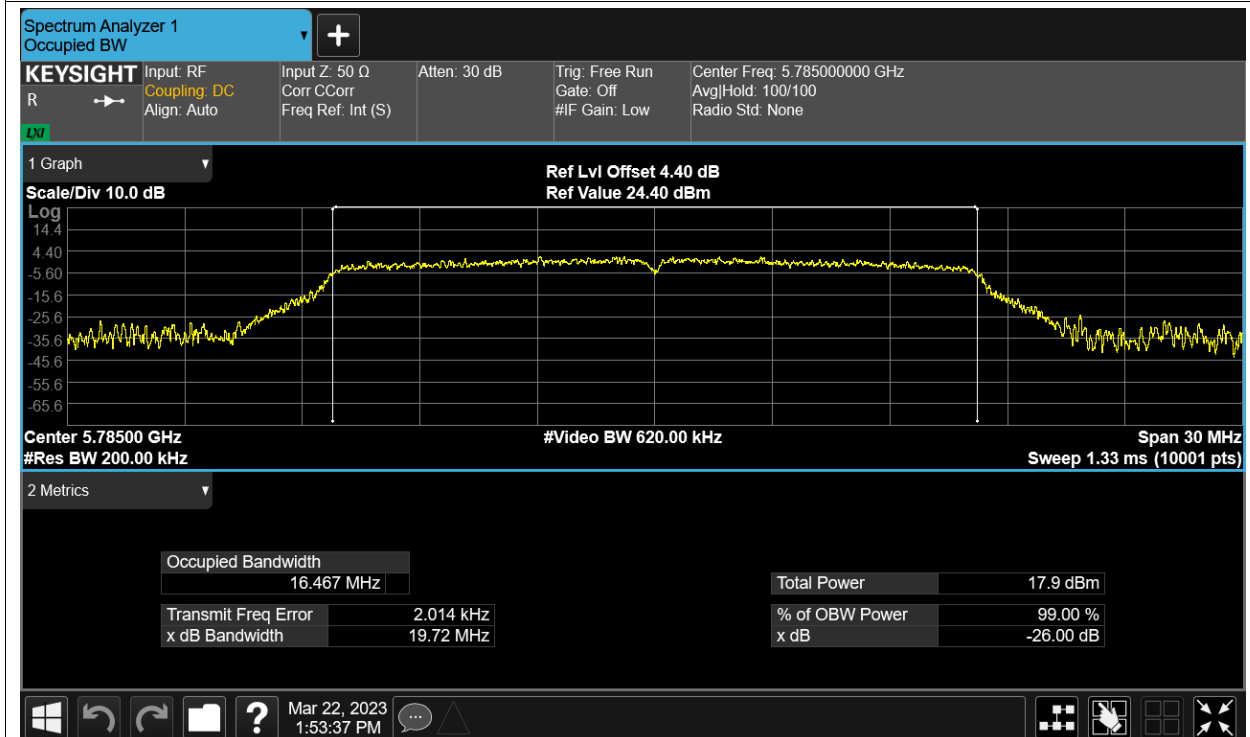
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant7	16.418
NVNT	a	5785	Ant7	16.467
NVNT	a	5825	Ant7	16.413
NVNT	ac20	5745	Ant7	17.577
NVNT	ac20	5785	Ant7	17.571
NVNT	ac20	5825	Ant7	17.583
NVNT	ac40	5755	Ant7	35.973
NVNT	ac40	5795	Ant7	35.976
NVNT	ac80	5775	Ant7	75.127
NVNT	n20	5745	Ant7	17.61
NVNT	n20	5785	Ant7	17.588
NVNT	n20	5825	Ant7	17.62
NVNT	n40	5755	Ant7	35.973
NVNT	n40	5795	Ant7	35.984

Test Graphs

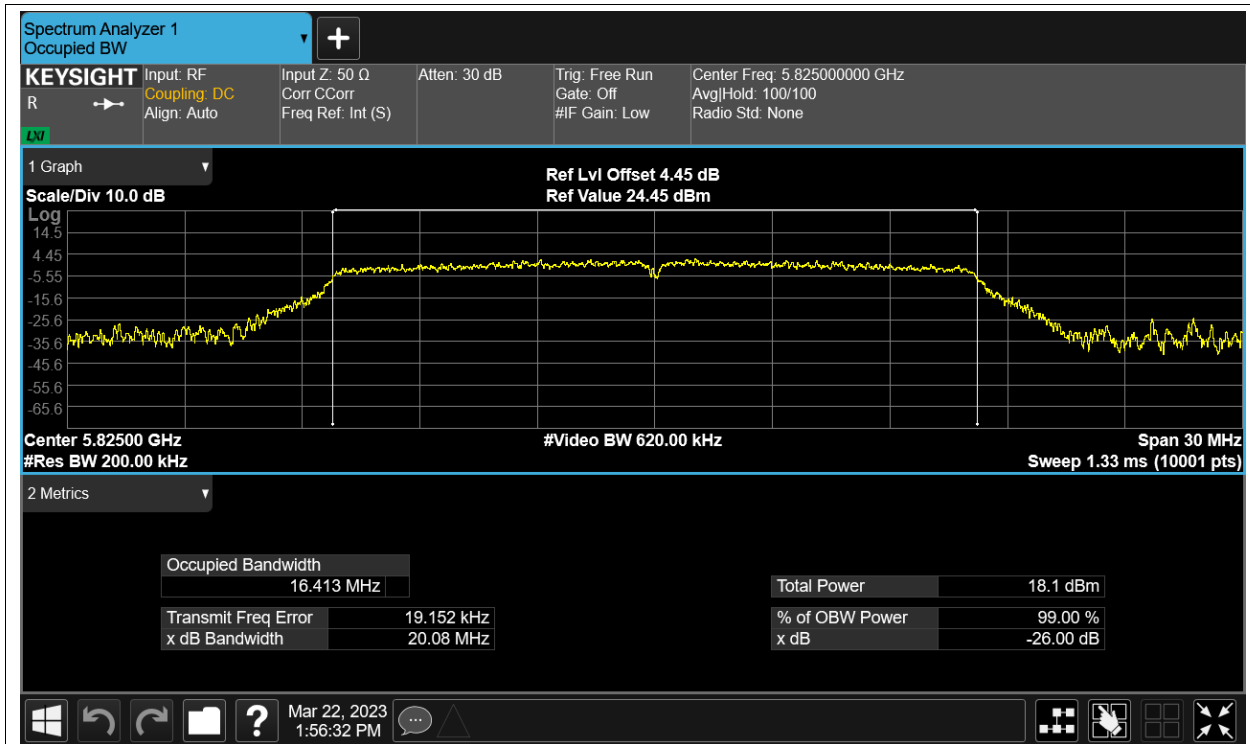
OBW NVNT a 5745MHz Ant7



OBW NVNT a 5785MHz Ant7



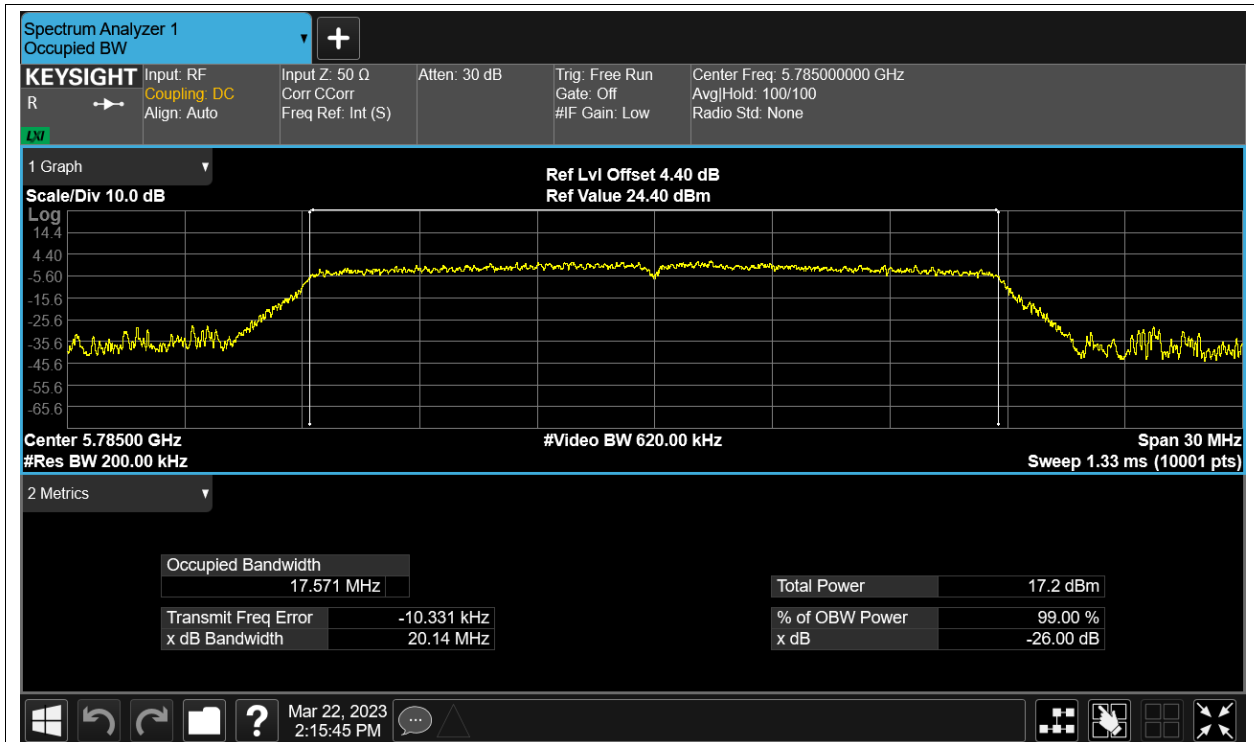
OBW NVNT a 5825MHz Ant7



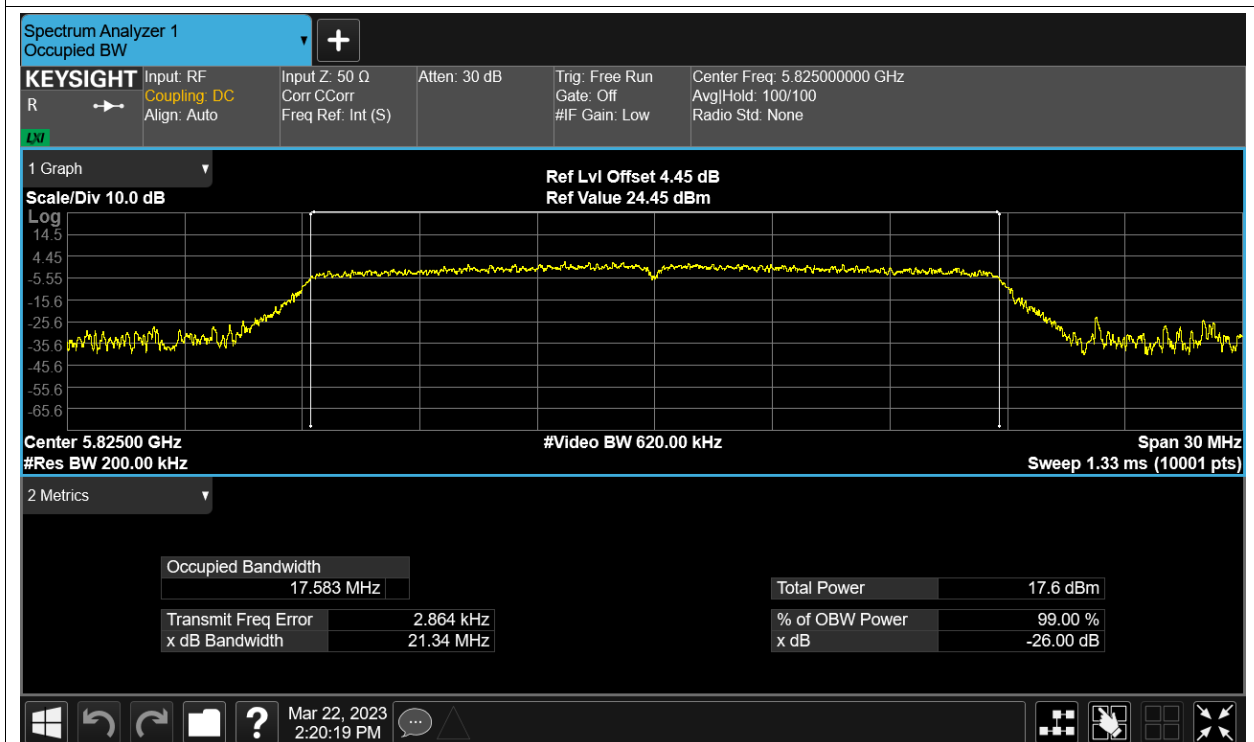
OBW NVNT ac20 5745MHz Ant7



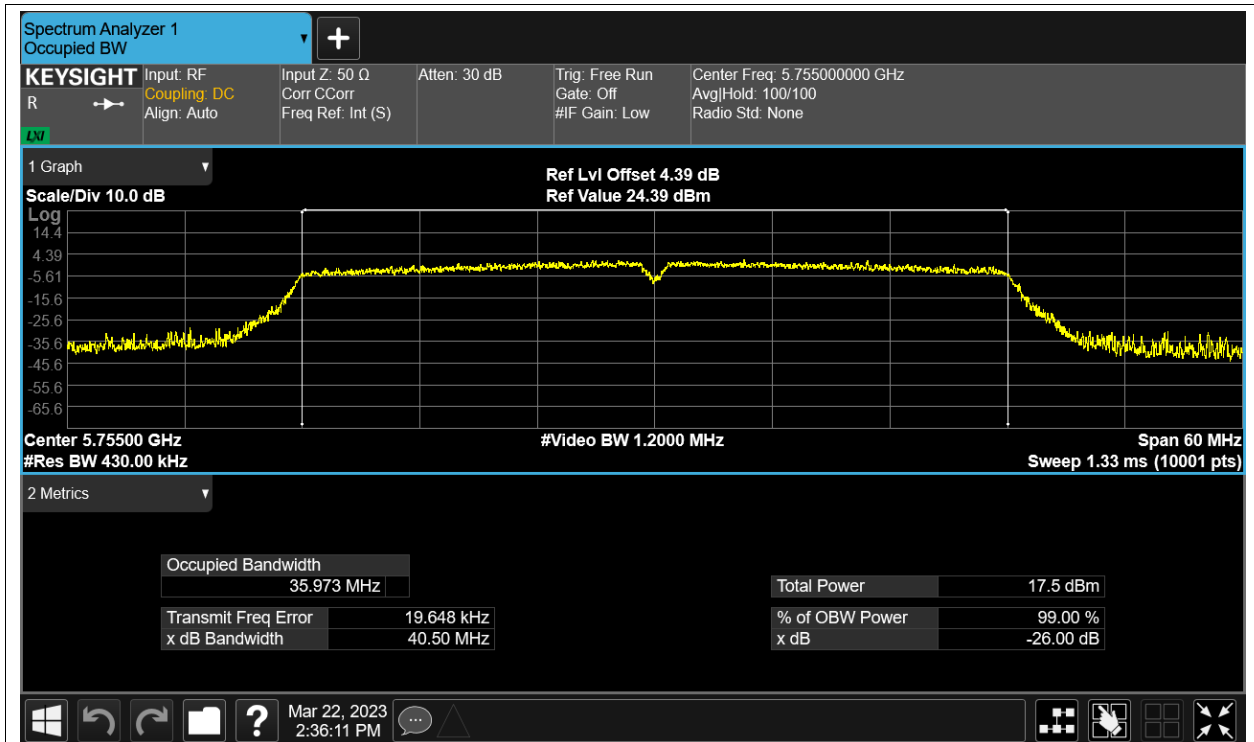
OBW NVNT ac20 5785MHz Ant7



OBW NVNT ac20 5825MHz Ant7



OBW NVNT ac40 5755MHz Ant7



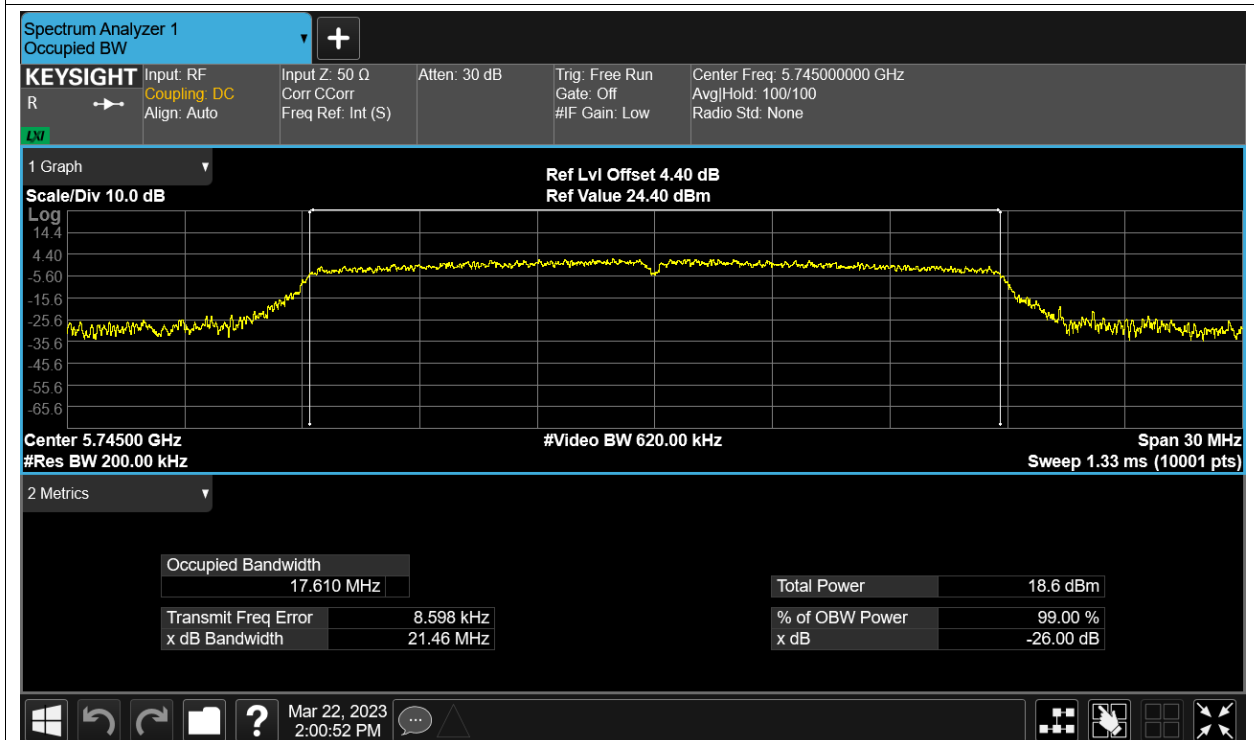
OBW NVNT ac40 5795MHz Ant7



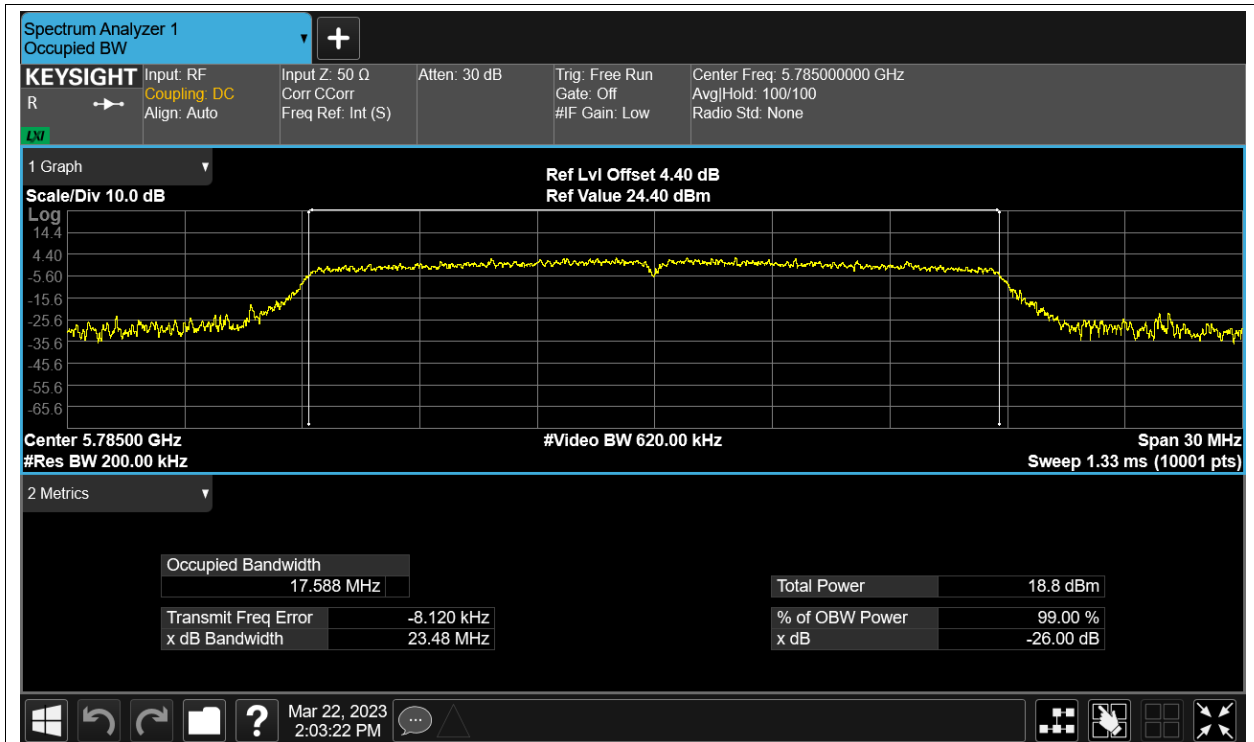
OBW NVNT ac80 5775MHz Ant7



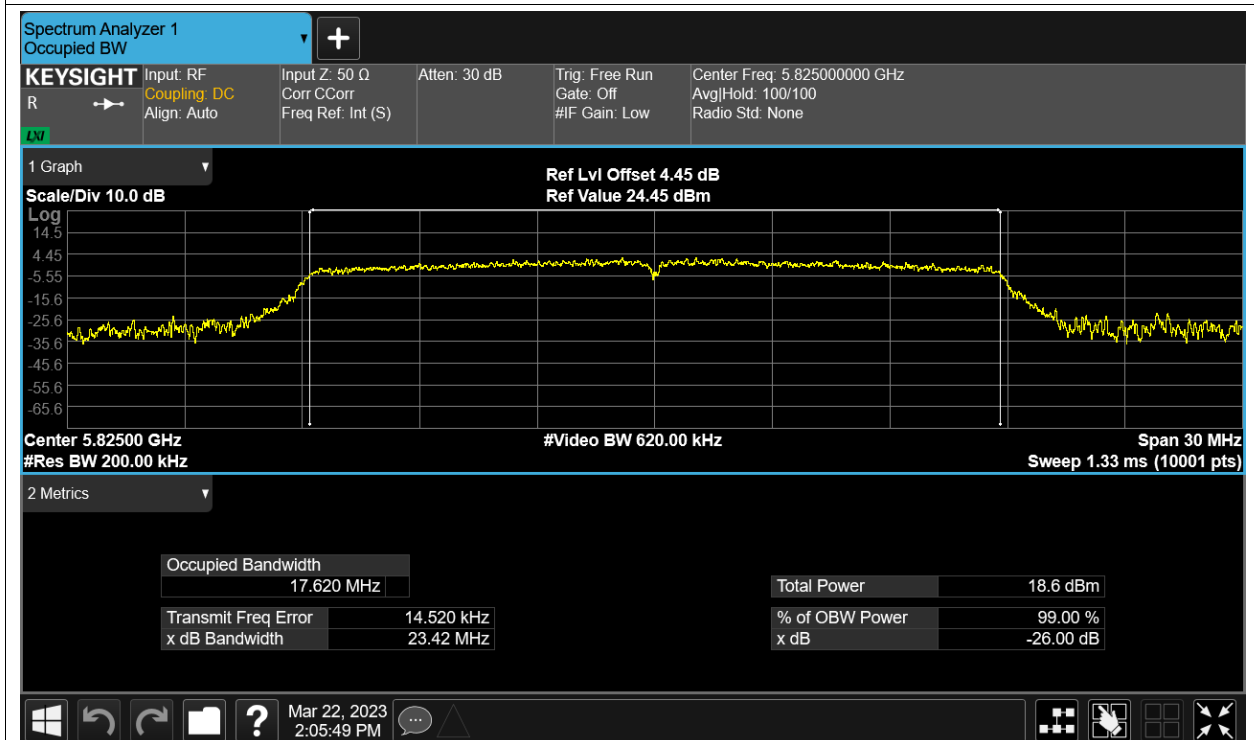
OBW NVNT n20 5745MHz Ant7



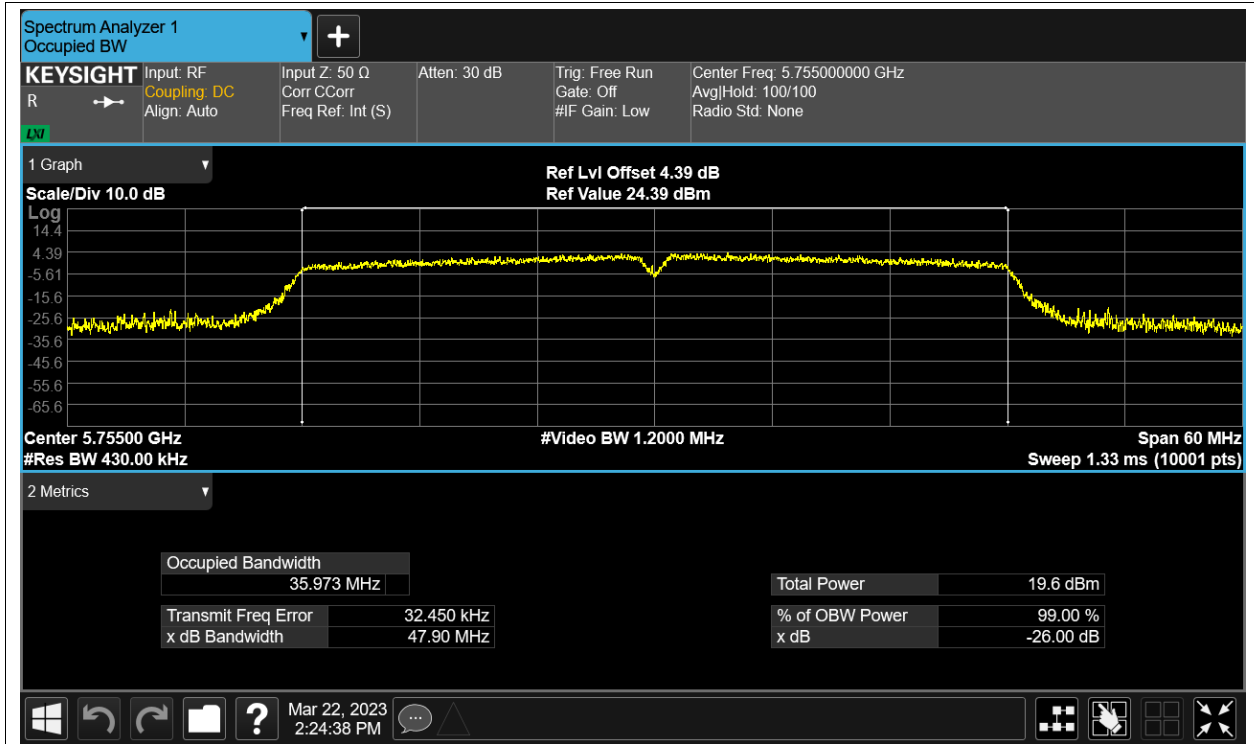
OBW NVNT n20 5785MHz Ant7



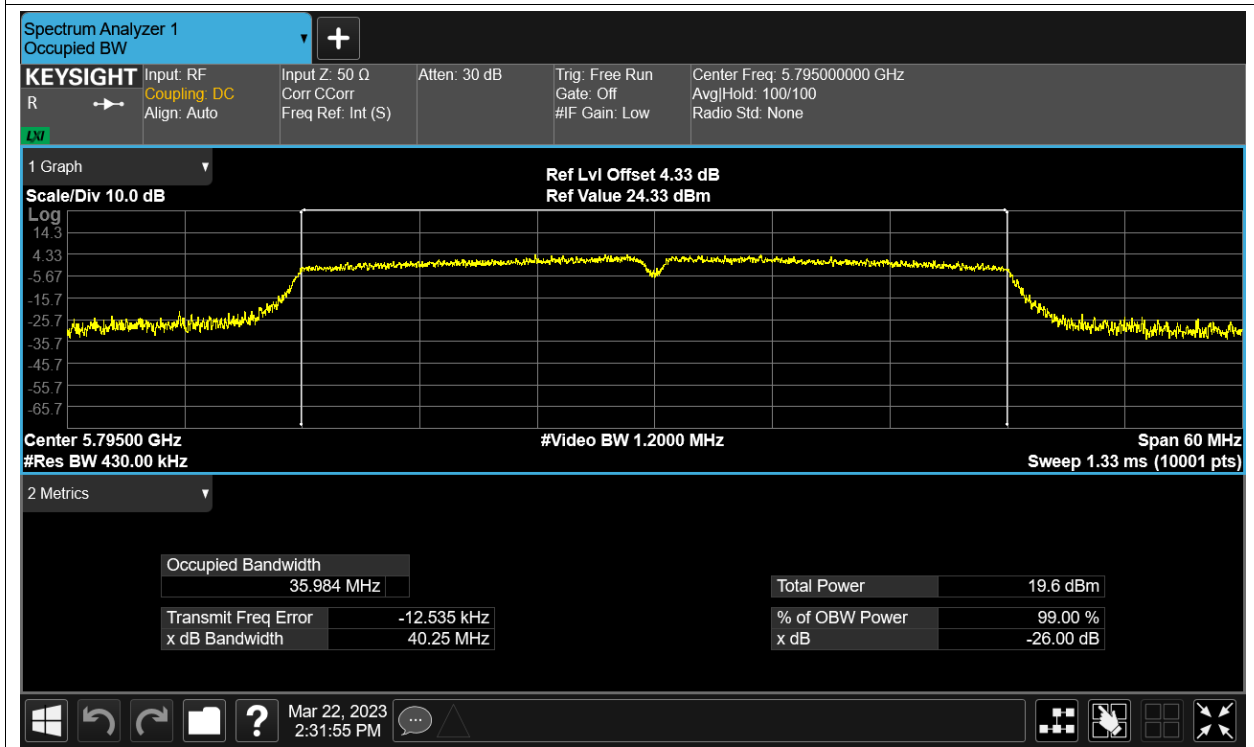
OBW NVNT n20 5825MHz Ant7



OBW NVNT n40 5755MHz Ant7



OBW NVNT n40 5795MHz Ant7

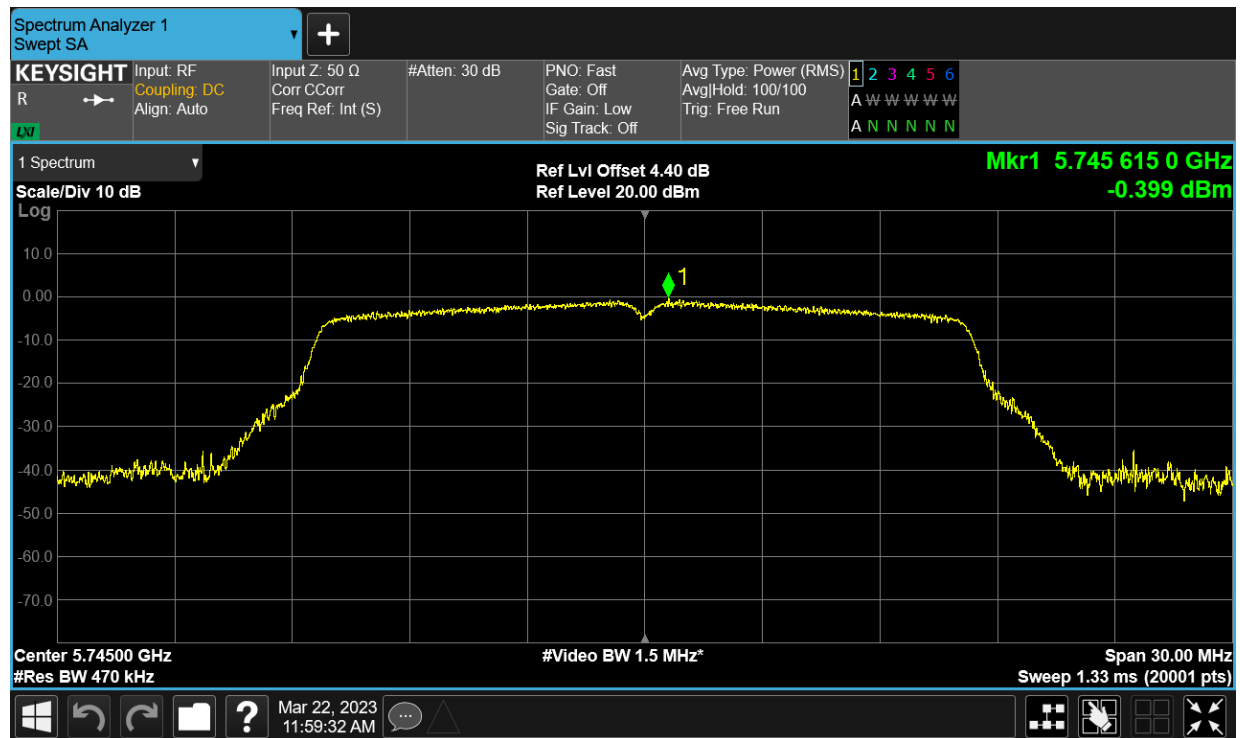


Maximum Power Spectral Density Level

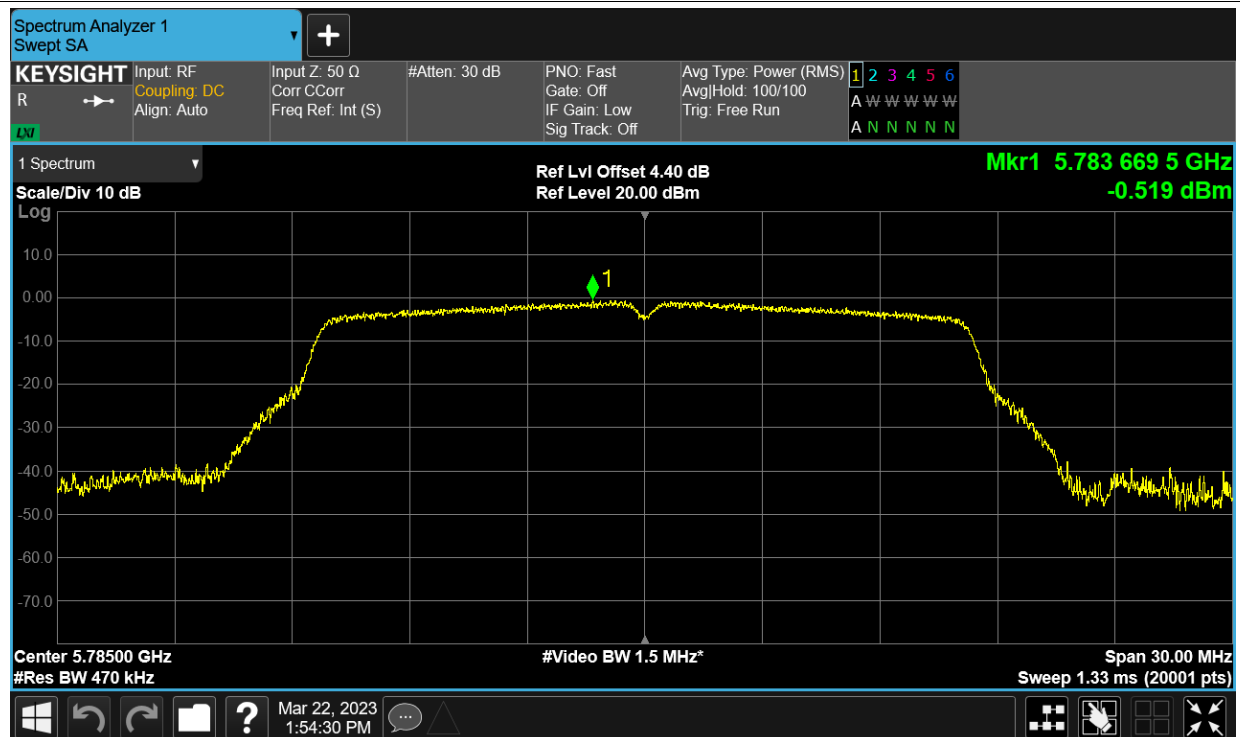
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant7	-0.399	30	Pass
NVNT	a	5785	Ant7	-0.519	30	Pass
NVNT	a	5825	Ant7	-0.757	30	Pass
NVNT	ac20	5745	Ant7	-0.844	30	Pass
NVNT	ac20	5785	Ant7	-1.511	30	Pass
NVNT	ac20	5825	Ant7	-0.756	30	Pass
NVNT	ac40	5755	Ant7	-4.12	30	Pass
NVNT	ac40	5795	Ant7	-4.053	30	Pass
NVNT	ac80	5775	Ant7	-7.371	30	Pass
NVNT	n20	5745	Ant7	0.074	30	Pass
NVNT	n20	5785	Ant7	0.254	30	Pass
NVNT	n20	5825	Ant7	-0.219	30	Pass
NVNT	n40	5755	Ant7	-2.014	30	Pass
NVNT	n40	5795	Ant7	-2.081	30	Pass

Test Graphs

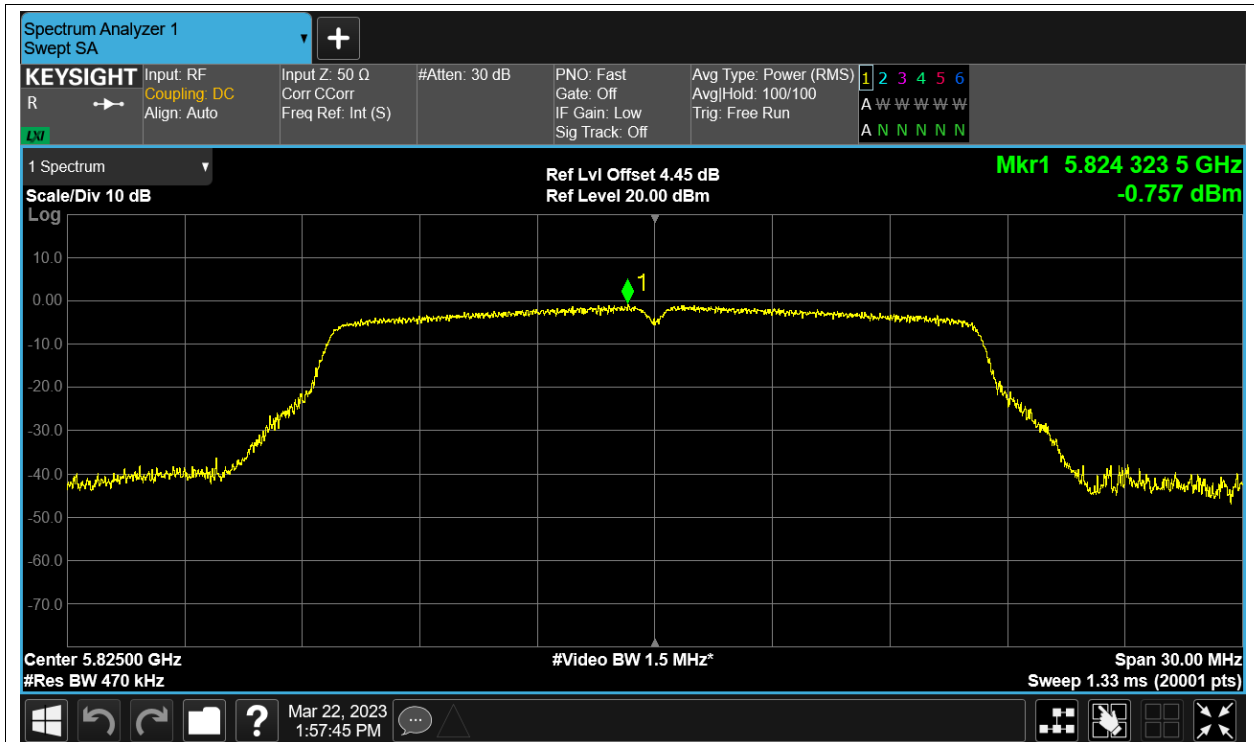
PSD NVNT a 5745MHz Ant7



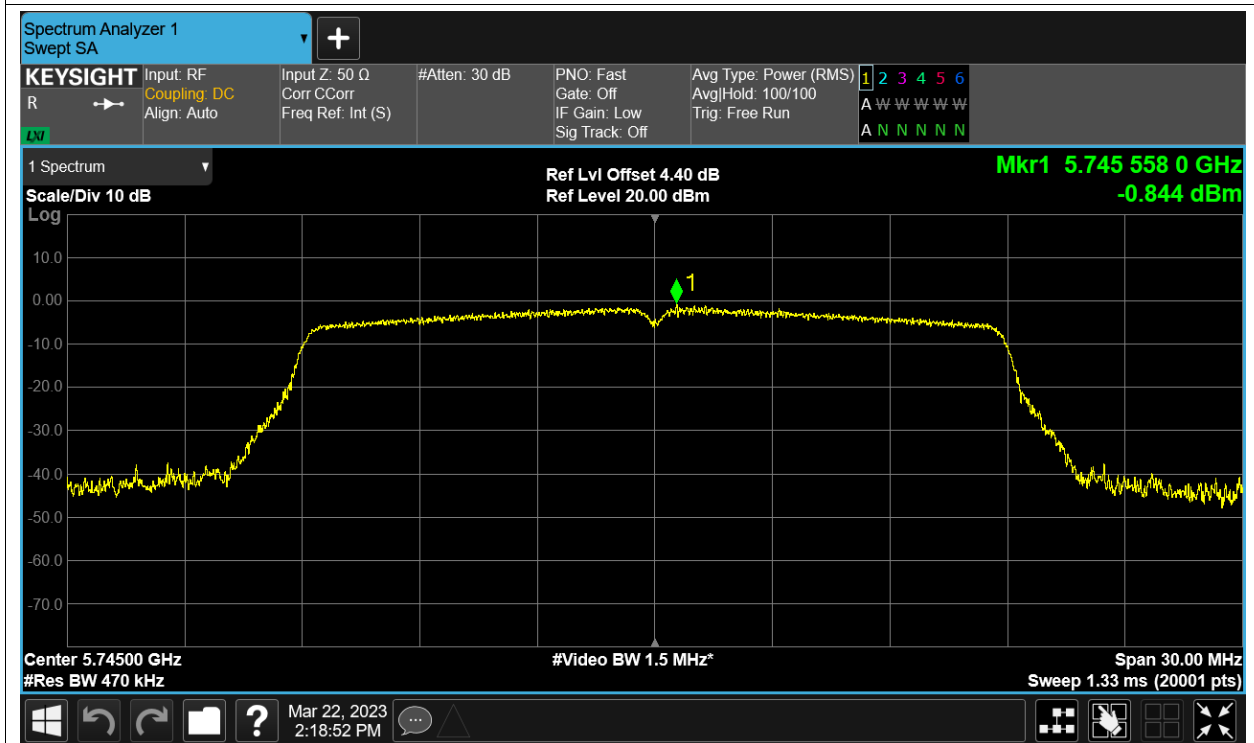
PSD NVNT a 5785MHz Ant7



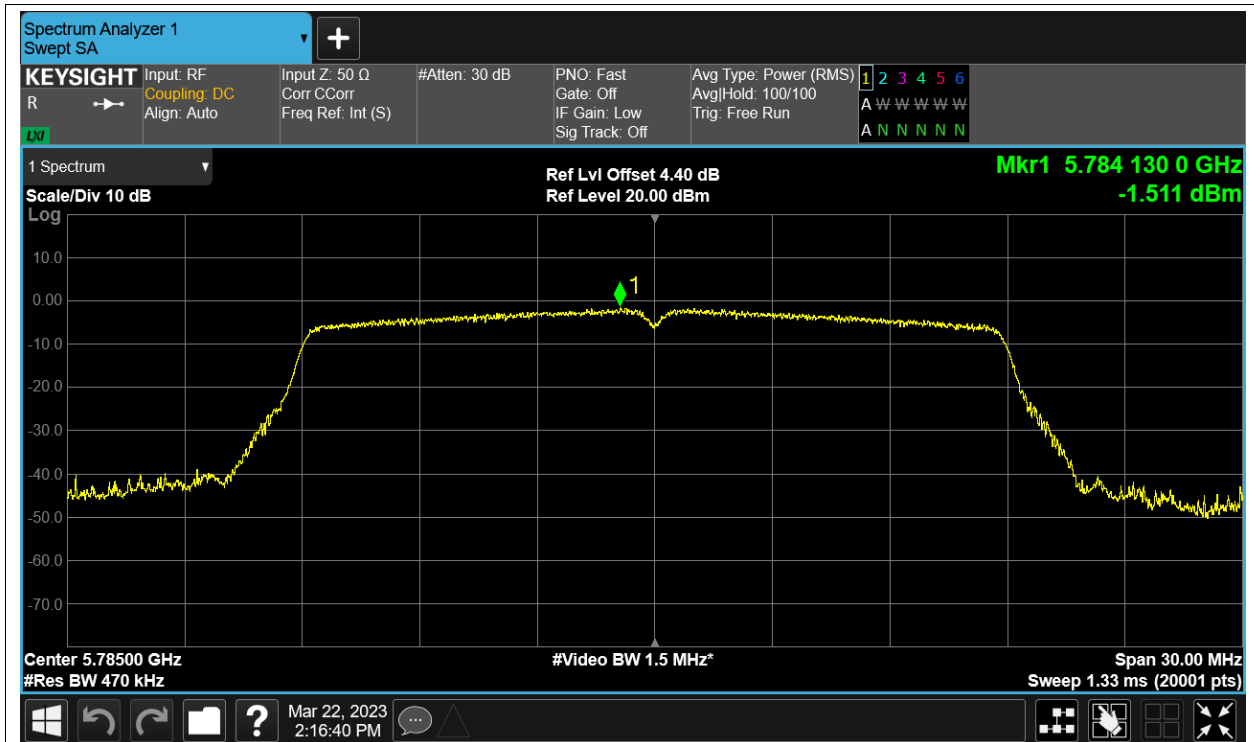
PSD NVNT a 5825MHz Ant7



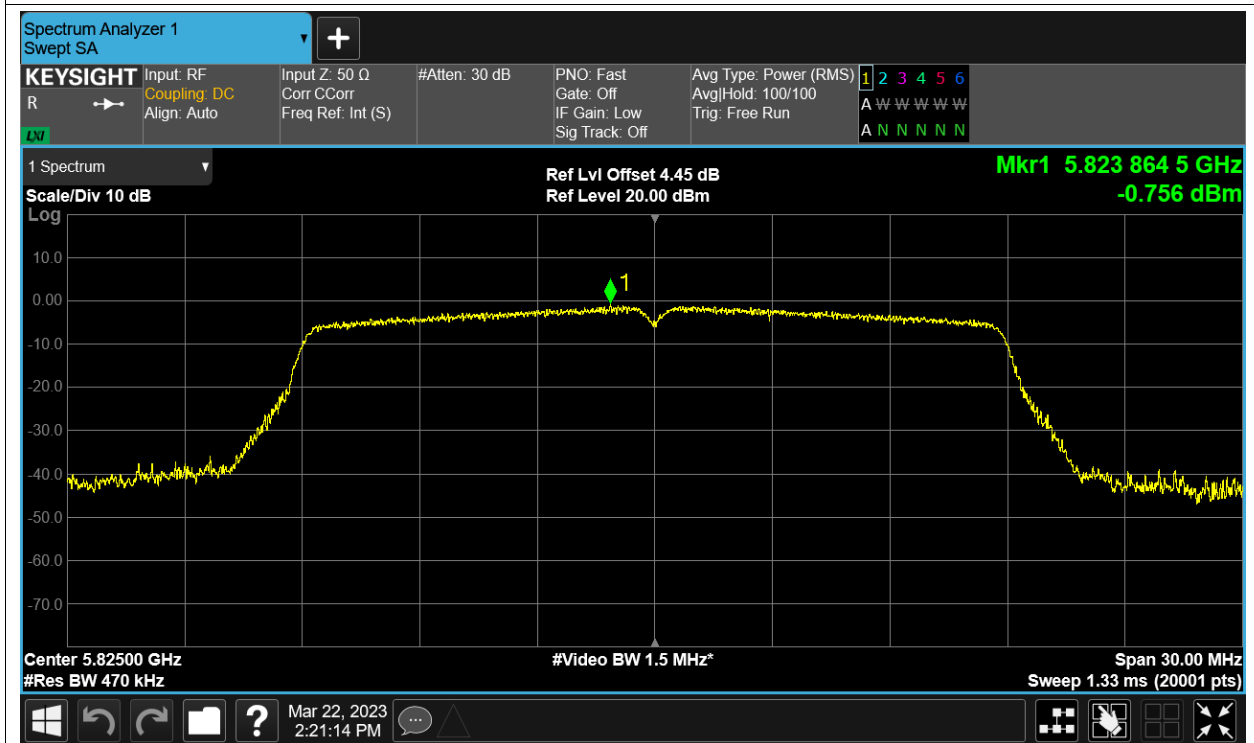
PSD NVNT ac20 5745MHz Ant7



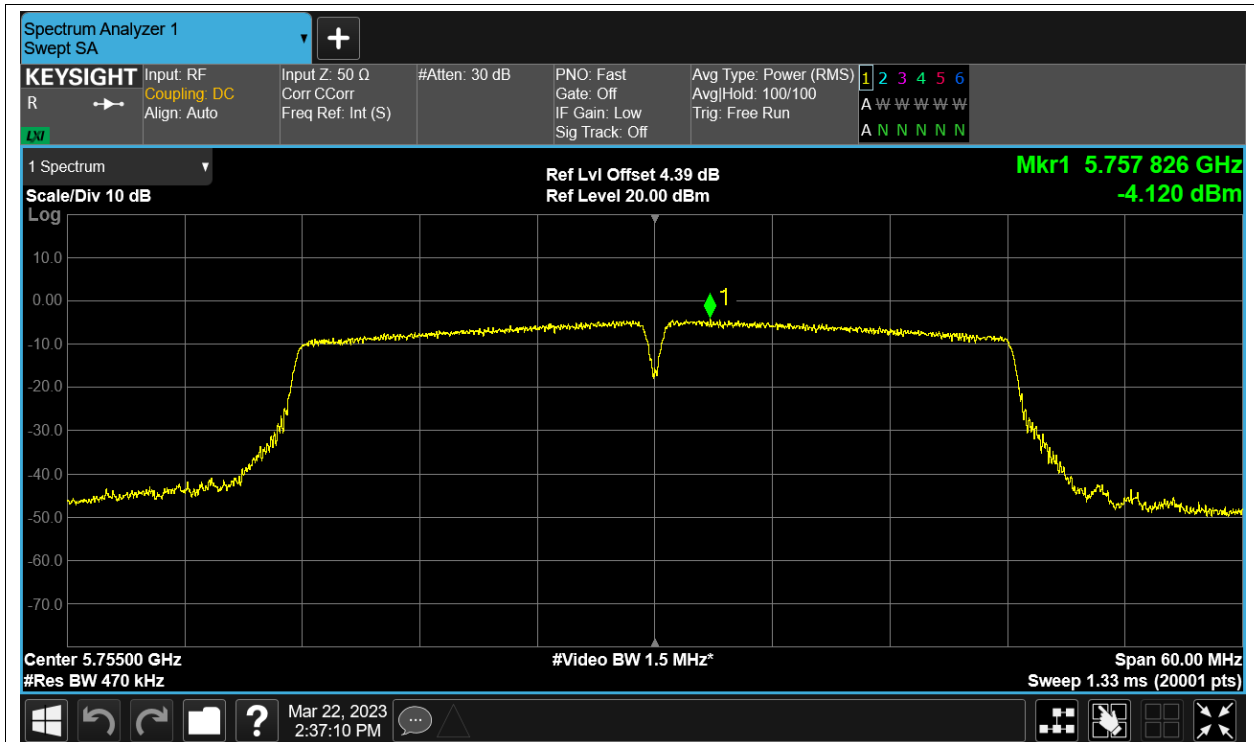
PSD NVNT ac20 5785MHz Ant7



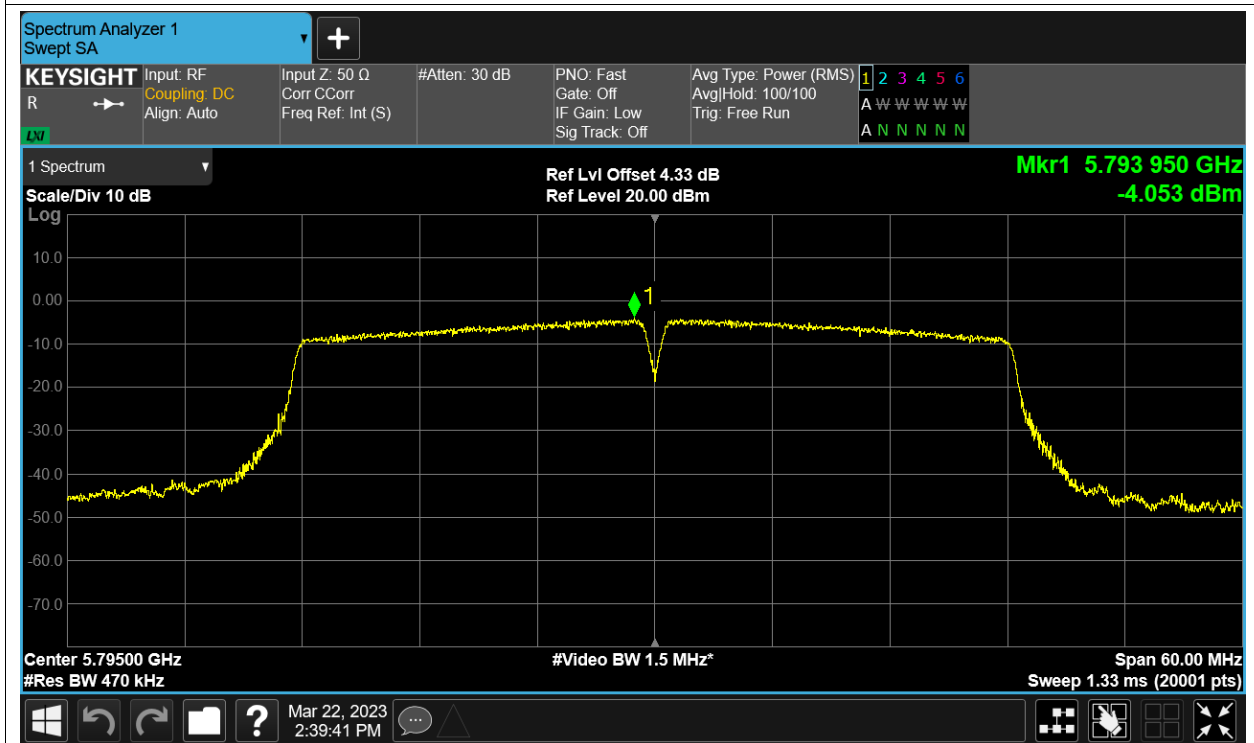
PSD NVNT ac20 5825MHz Ant7



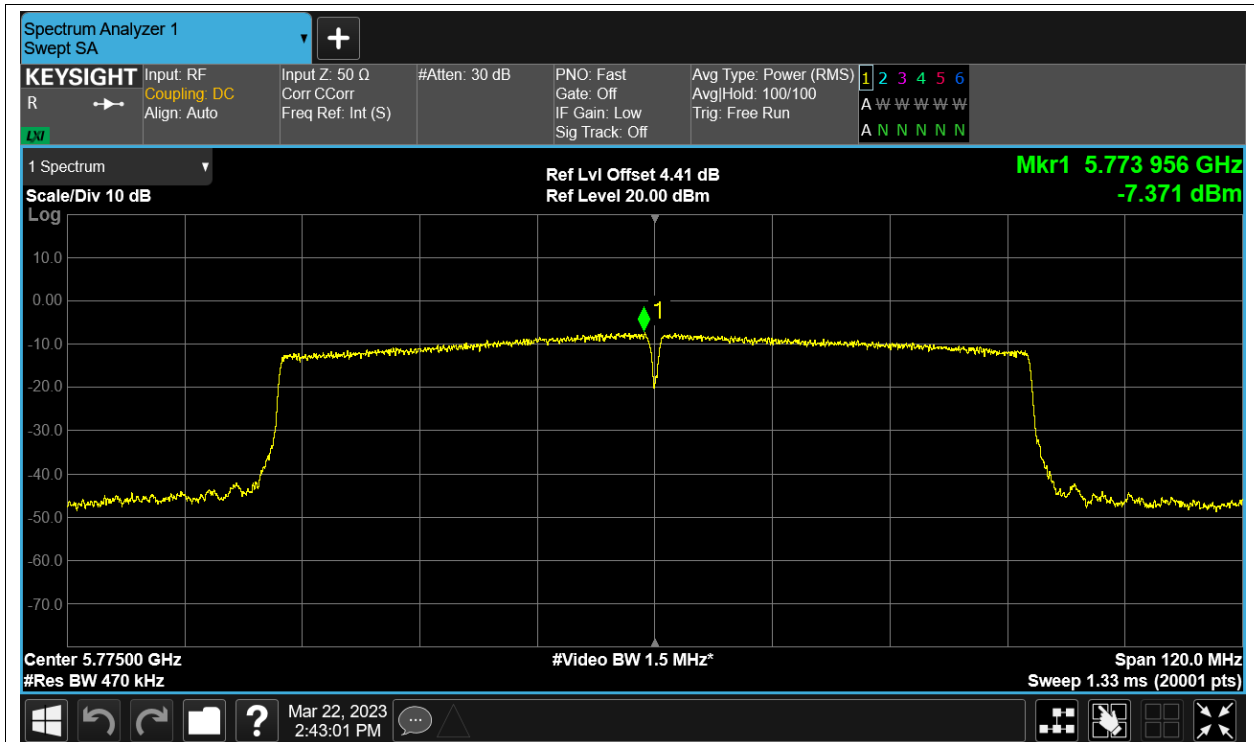
PSD NVNT ac40 5755MHz Ant7



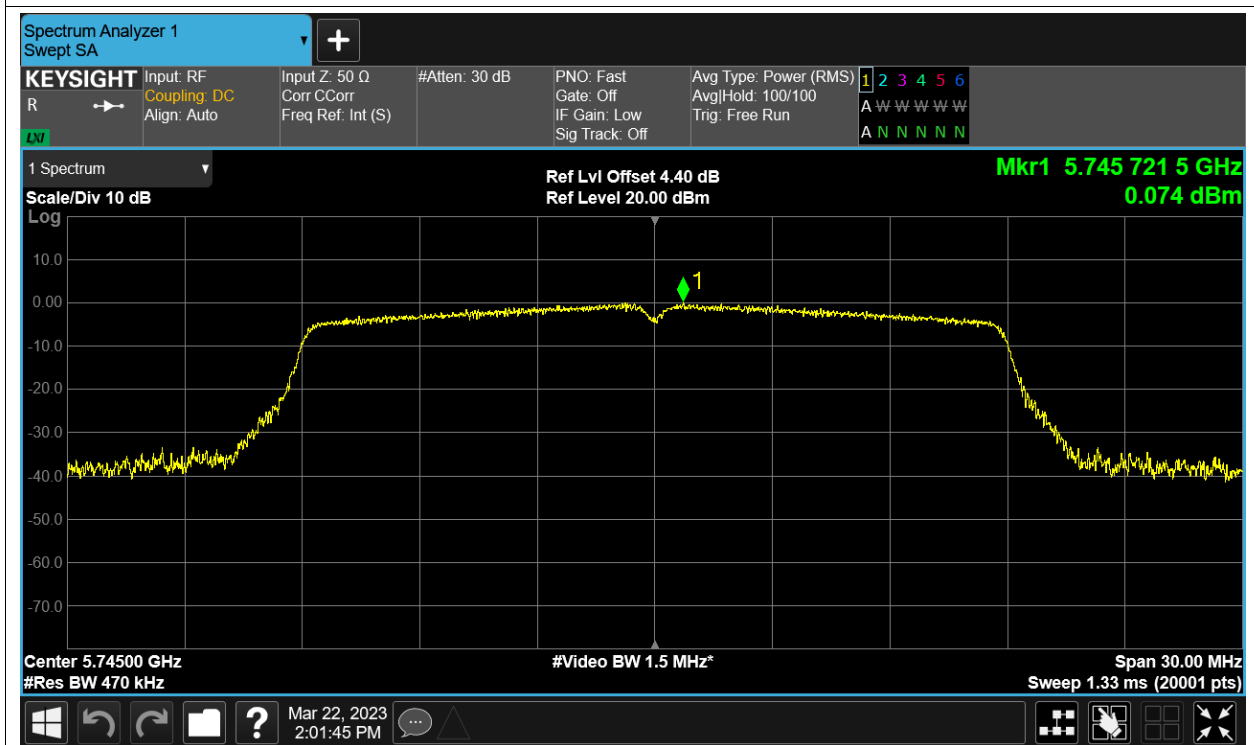
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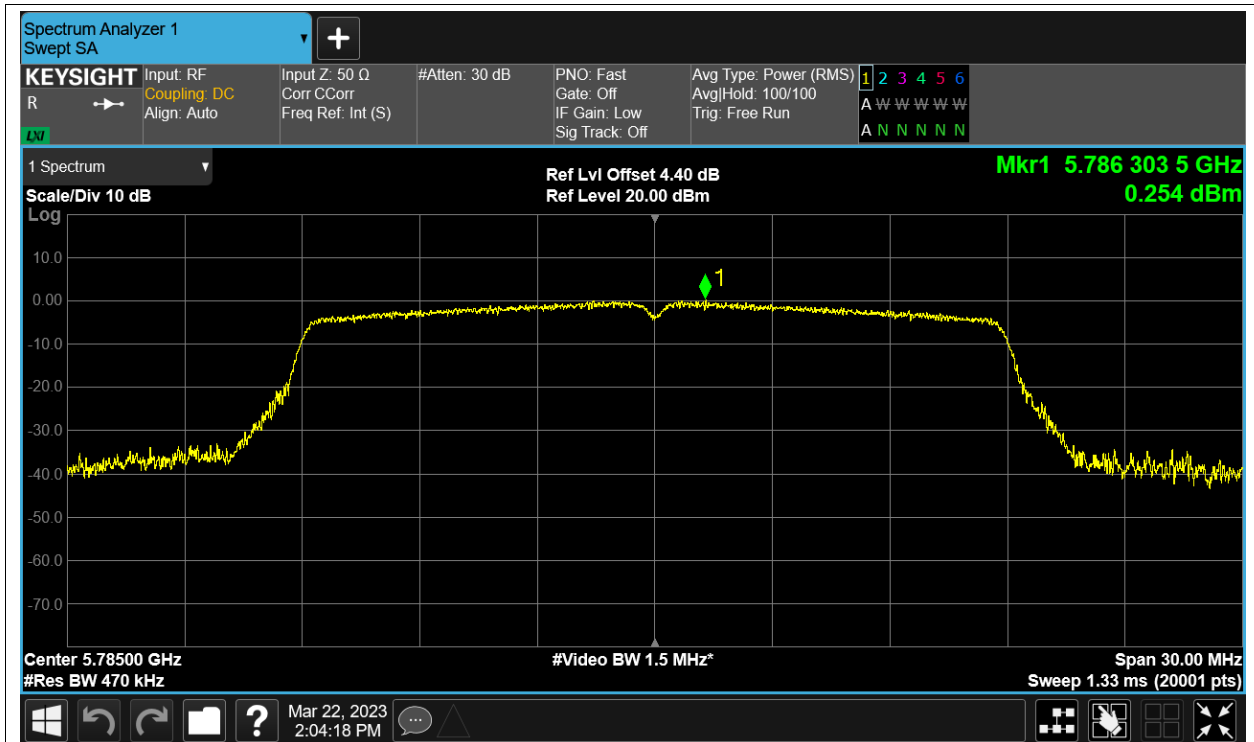
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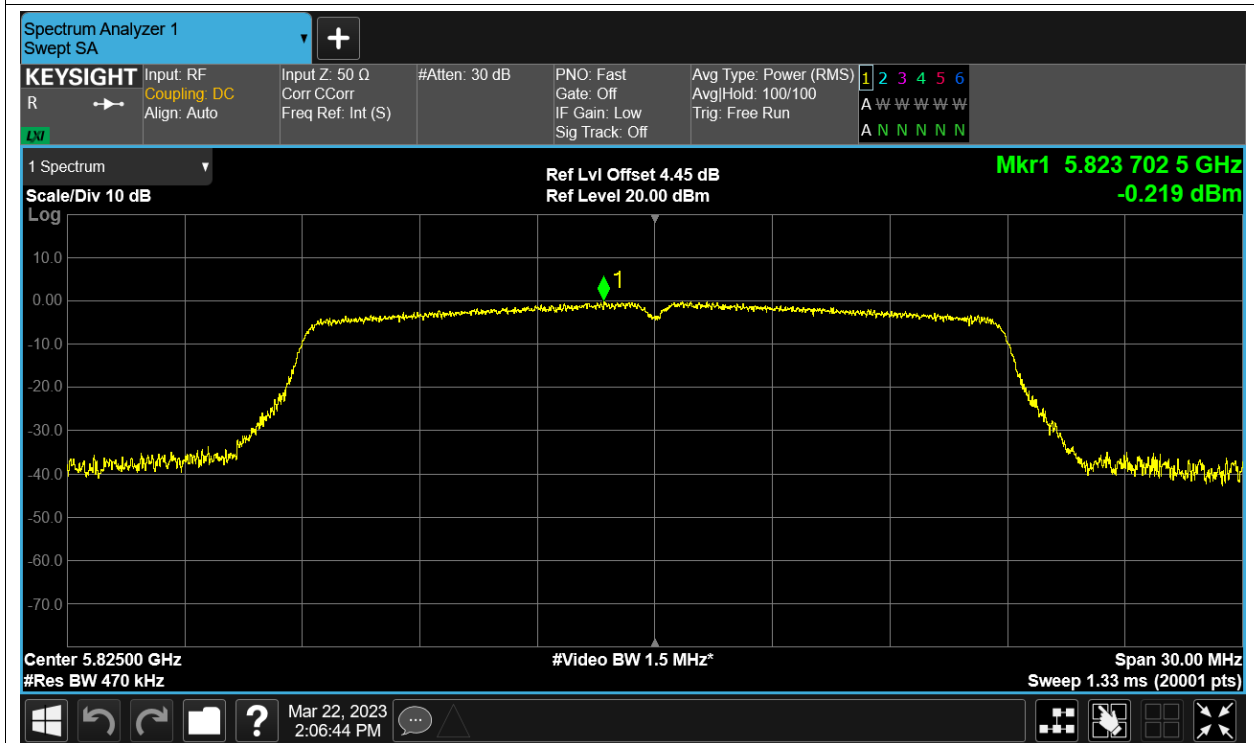
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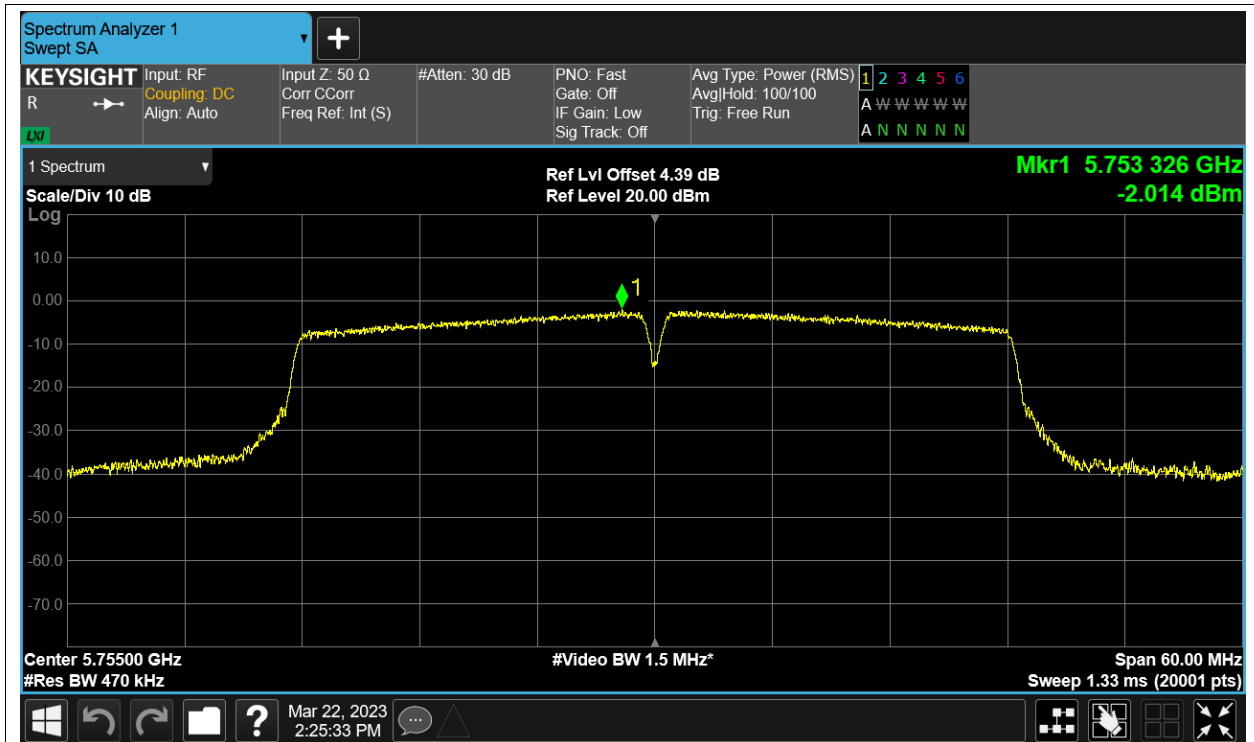
PSD NVNT n20 5785MHz Ant7



PSD NVNT n20 5825MHz Ant7



PSD NVNT n40 5755MHz Ant7



PSD NVNT n40 5795MHz Ant7

