

Test Data

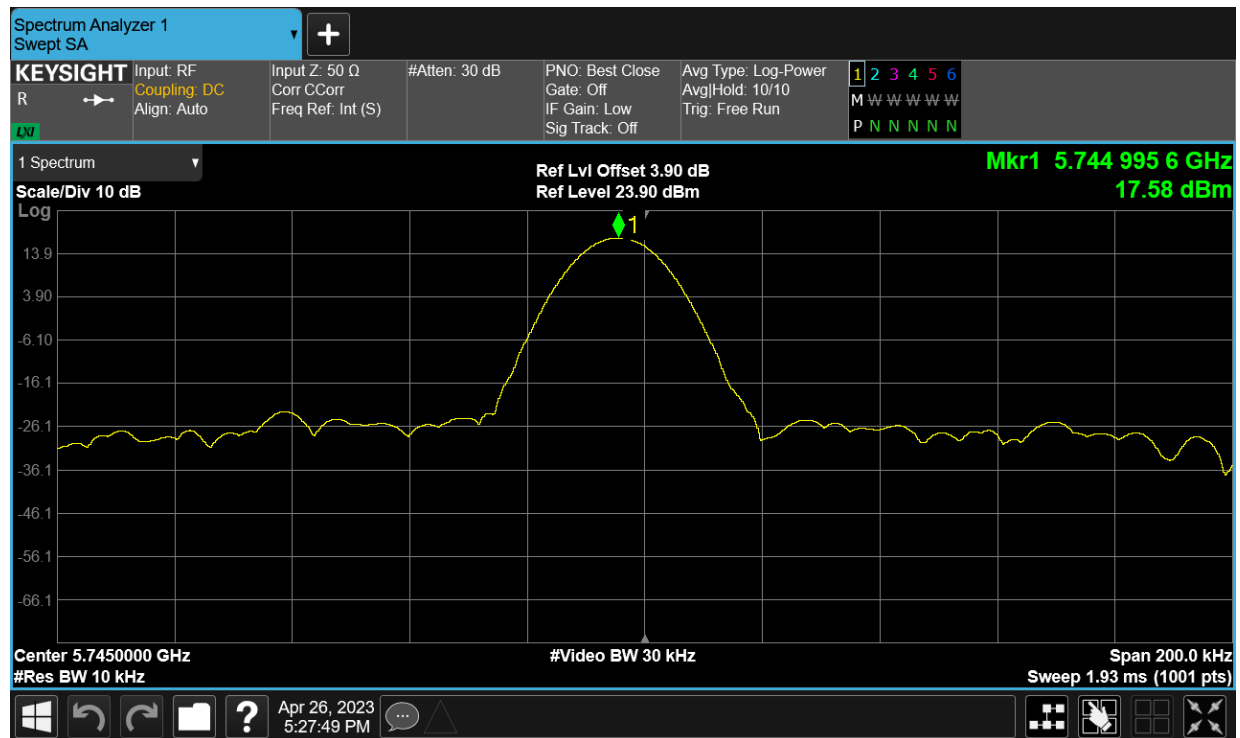
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant6	5744.9956	-0.77	Within authorized band	Pass
LVNT	a	5745	Ant6	5744.9958	-0.73		Pass
NVHT	a	5745	Ant6	5745.0004	0.07		Pass
NVLT	a	5745	Ant6	5744.9966	-0.59		Pass
NVNT	a	5745	Ant6	5744.9972	-0.49		Pass
HVNT	ac80	5775	Ant6	5774.9954	-0.8		Pass
LVNT	ac80	5775	Ant6	5774.9958	-0.73		Pass
NVHT	ac80	5775	Ant6	5774.9962	-0.66		Pass
NVLT	ac80	5775	Ant6	5774.9964	-0.62		Pass
NVNT	ac80	5775	Ant6	5774.998	-0.35		Pass
HVNT	n40	5755	Ant6	5754.9982	-0.31		Pass
LVNT	n40	5755	Ant6	5754.9986	-0.24		Pass
NVHT	n40	5755	Ant6	5754.9992	-0.14		Pass
NVLT	n40	5755	Ant6	5755.0002	0.03		Pass
NVNT	n40	5755	Ant6	5755.0016	0.28		Pass

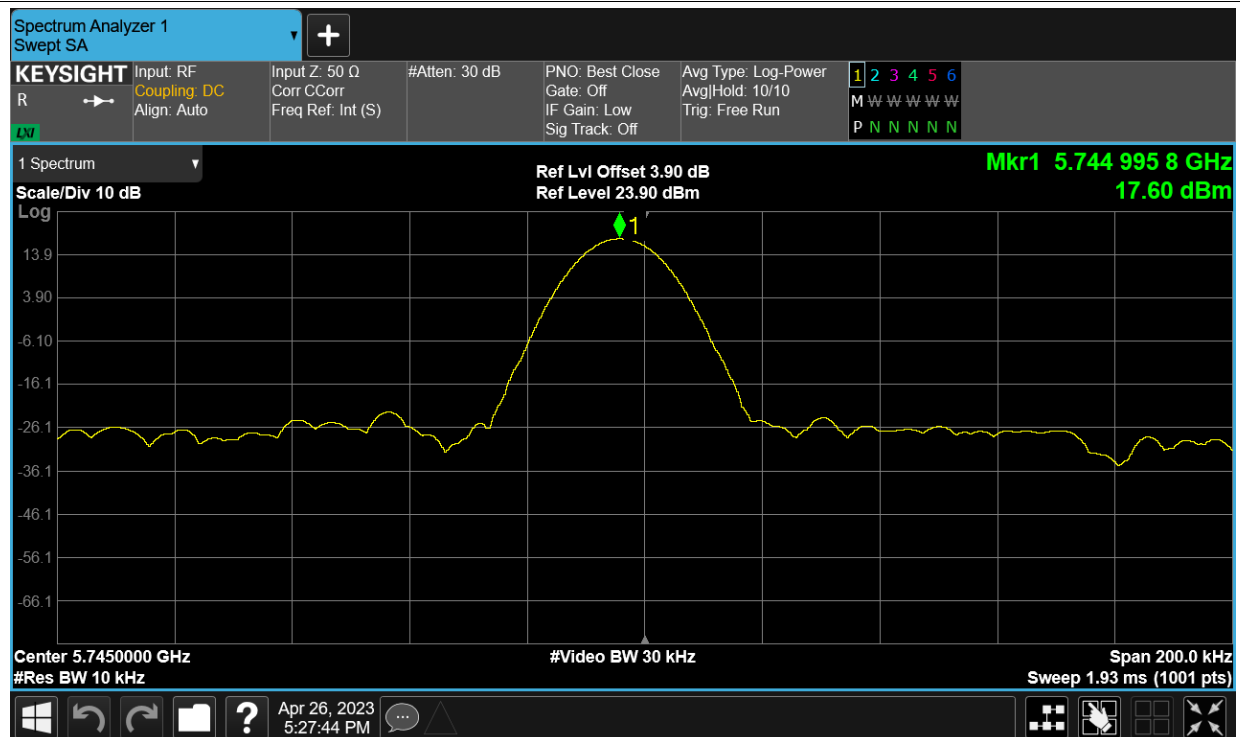
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

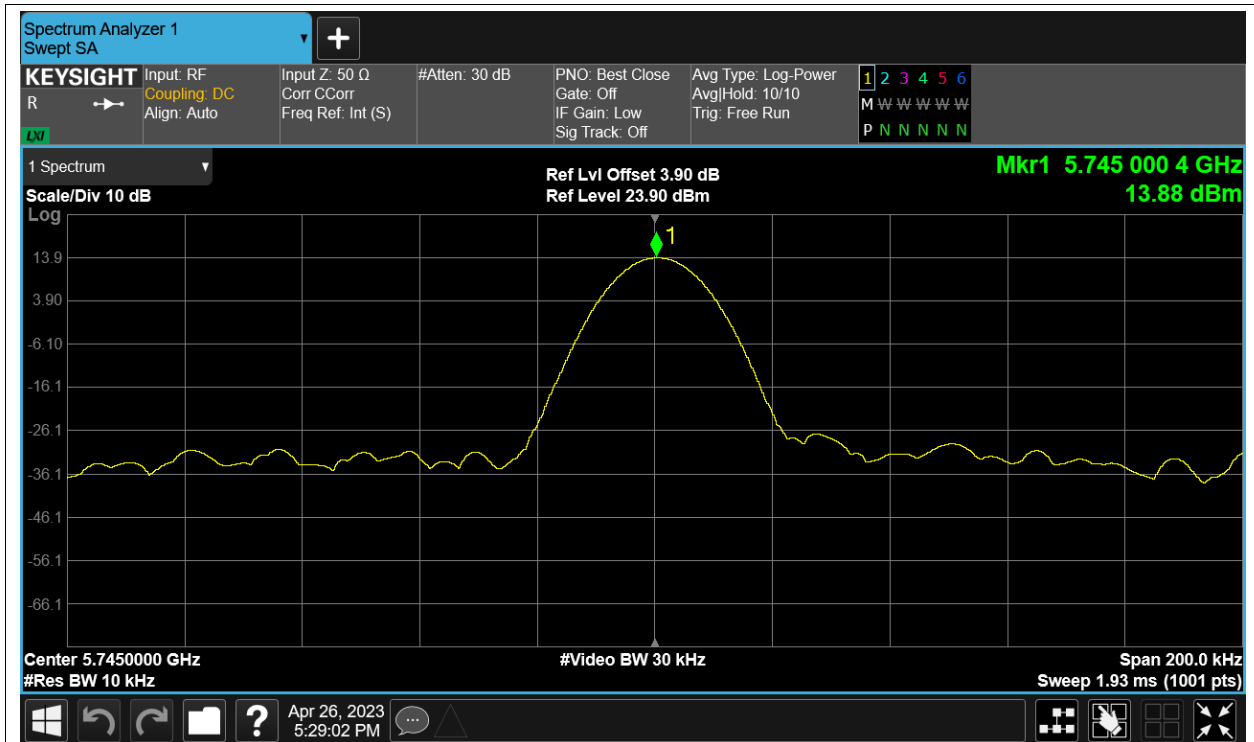
Freq. Stability HVNT a 5745MHz Ant6



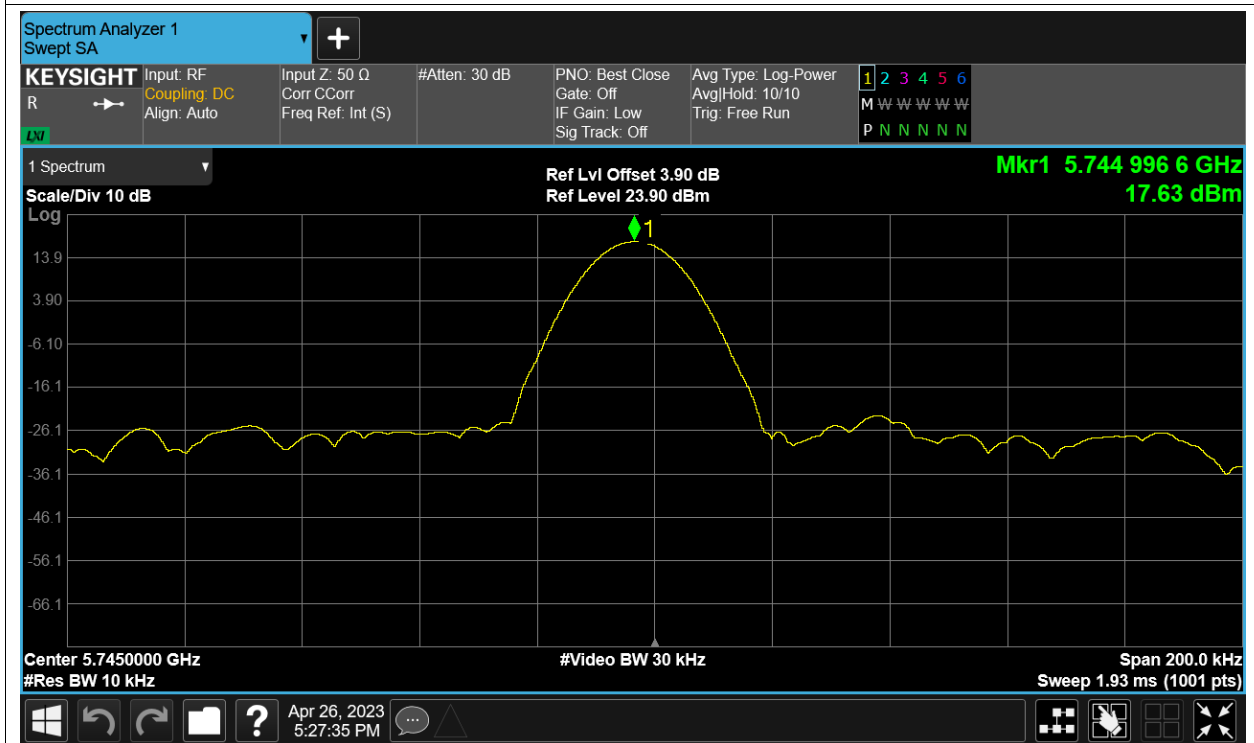
Freq. Stability LVNT a 5745MHz Ant6



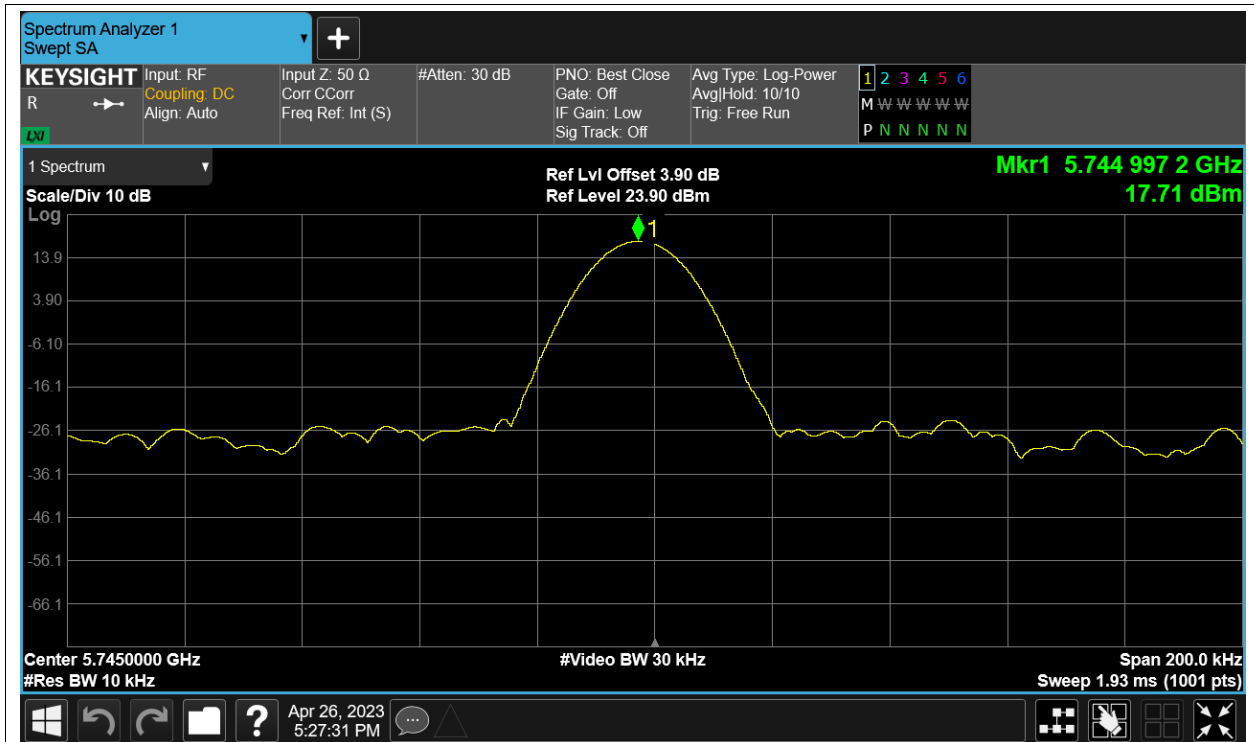
Freq. Stability NVHT a 5745MHz Ant6



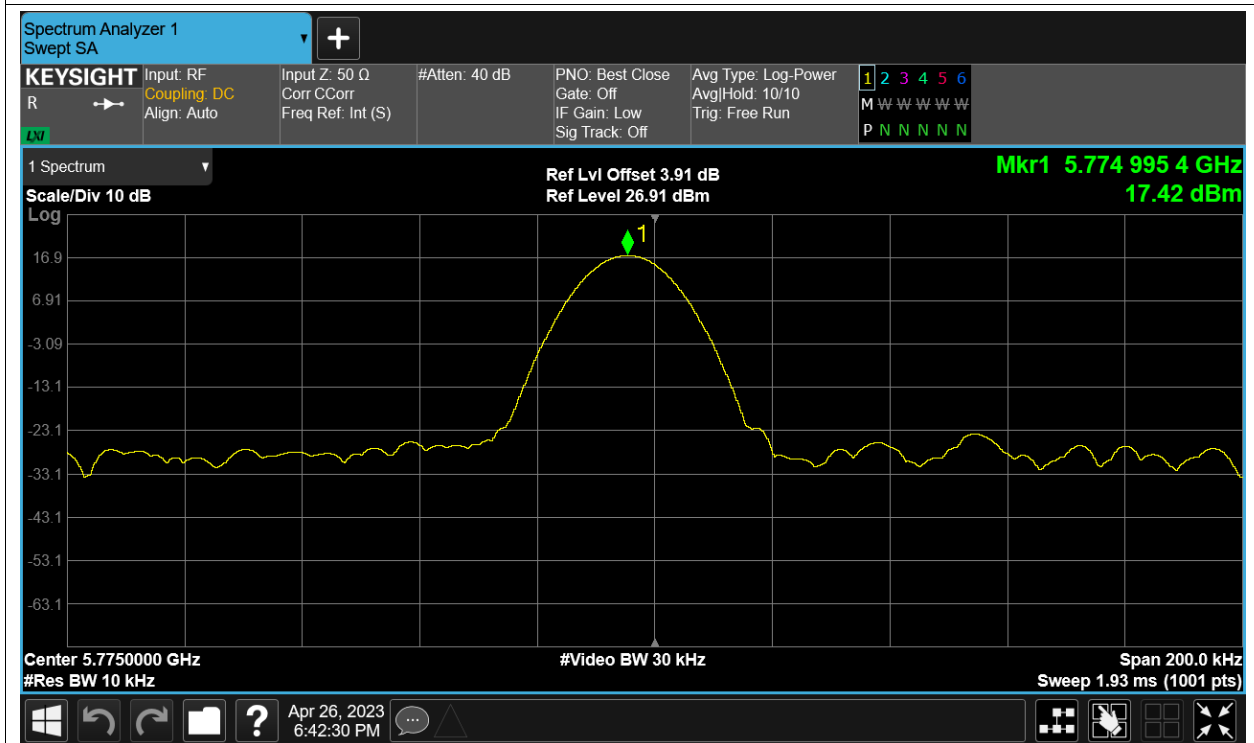
Freq. Stability NVLT a 5745MHz Ant6



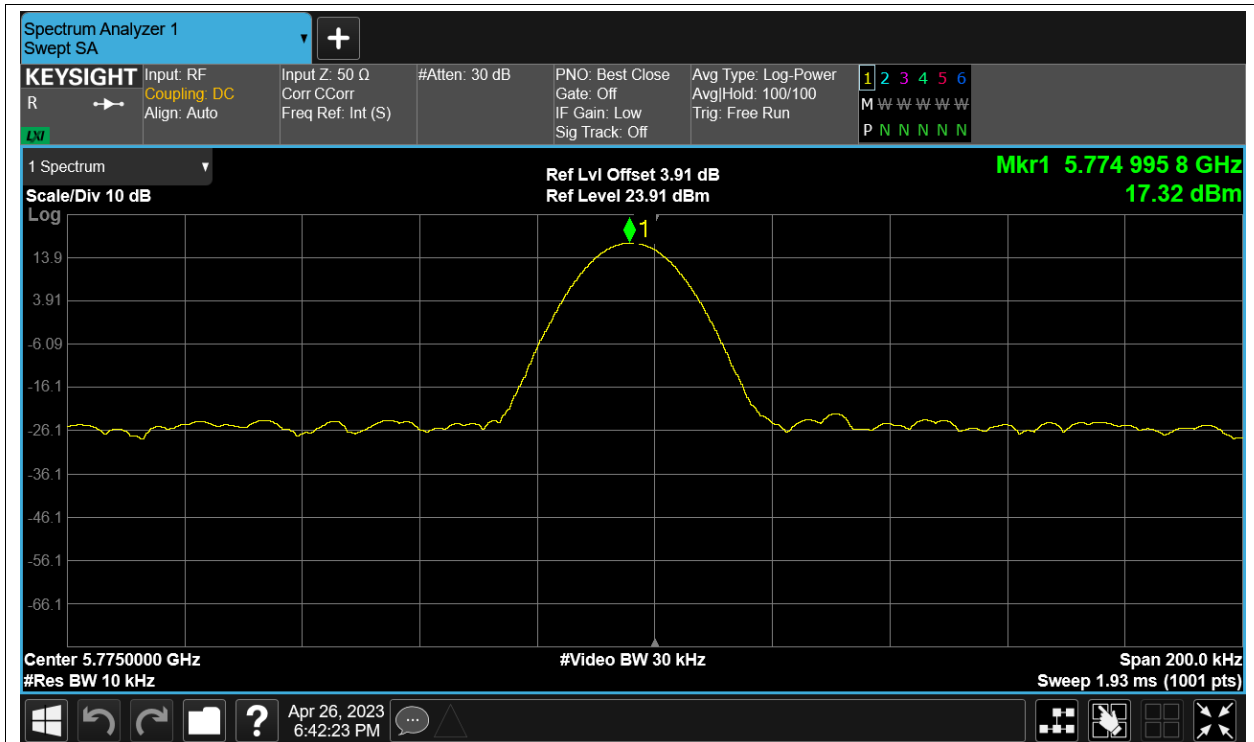
Freq. Stability NVNT a 5745MHz Ant6



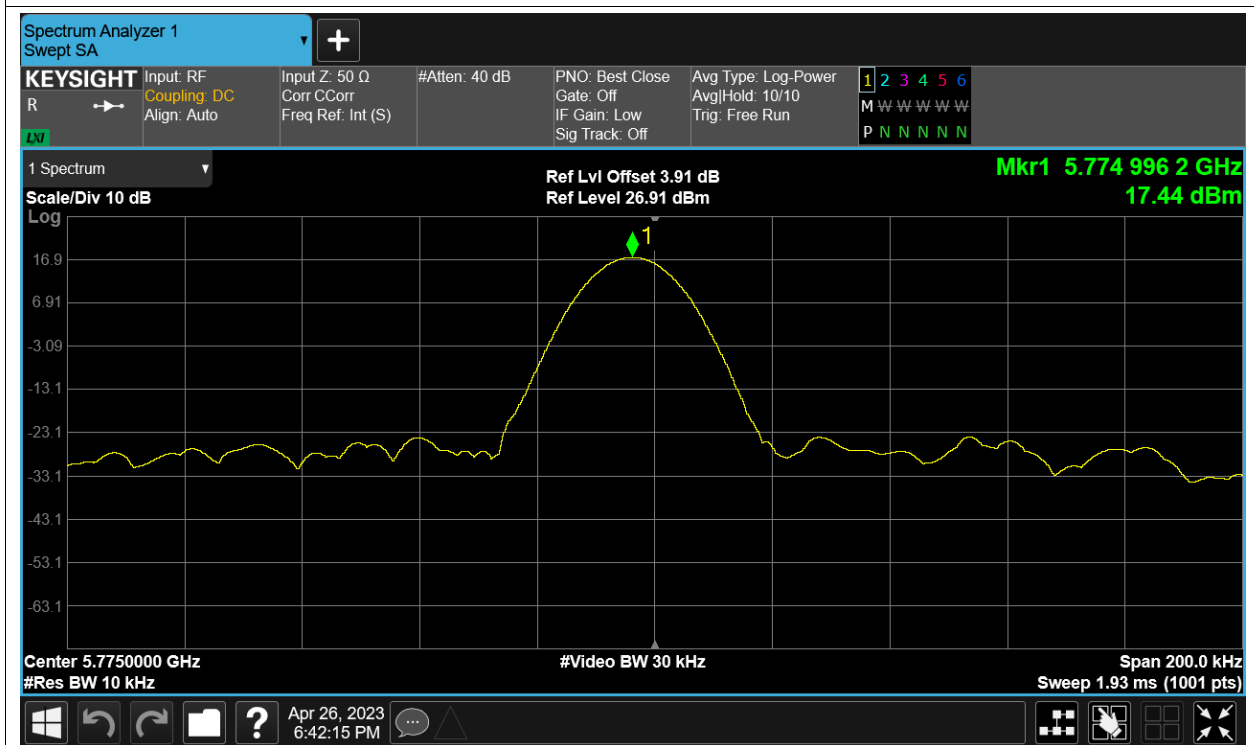
Freq. Stability HVNT ac80 5775MHz Ant6



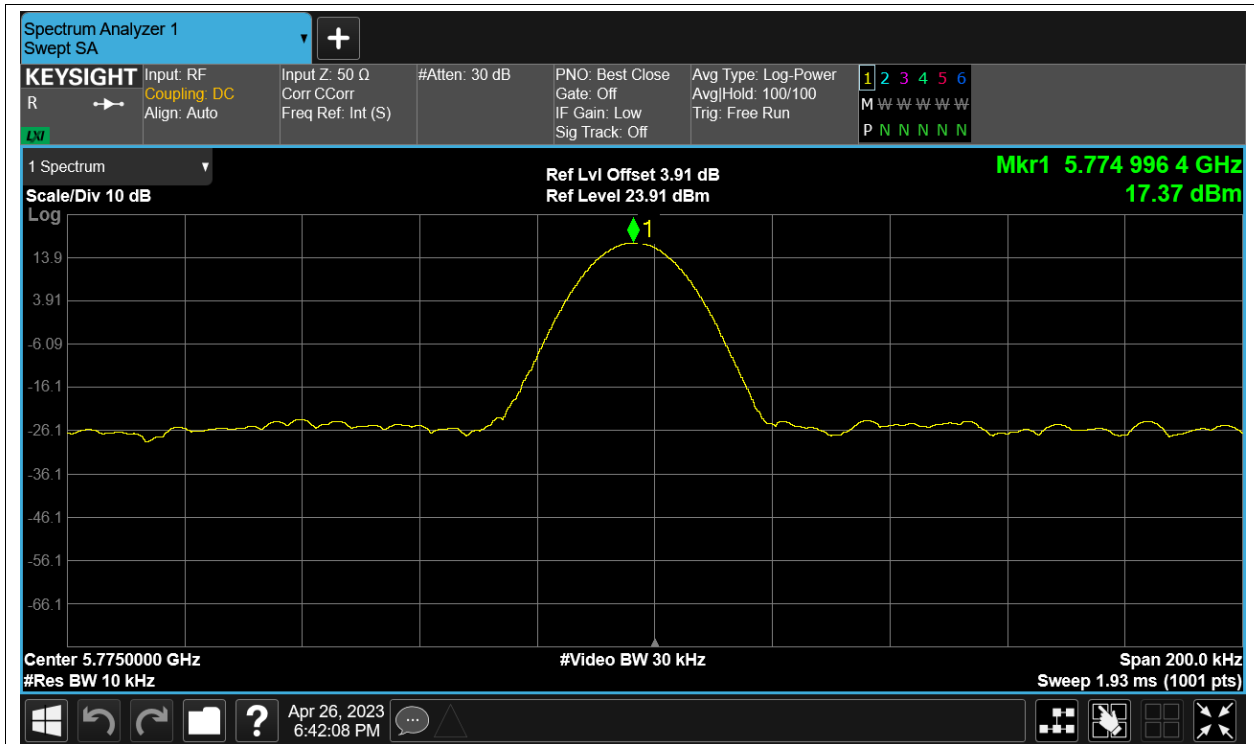
Freq. Stability LVNT ac80 5775MHz Ant6



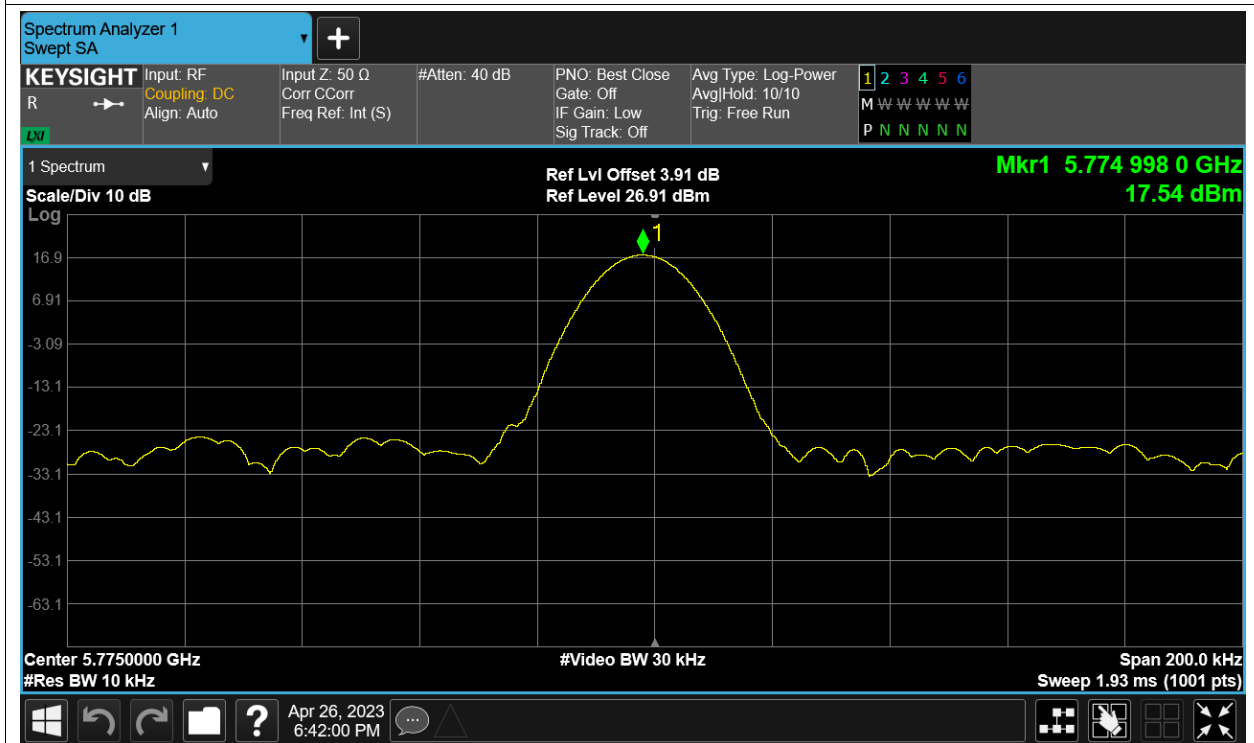
Freq. Stability NVHT ac80 5775MHz Ant6



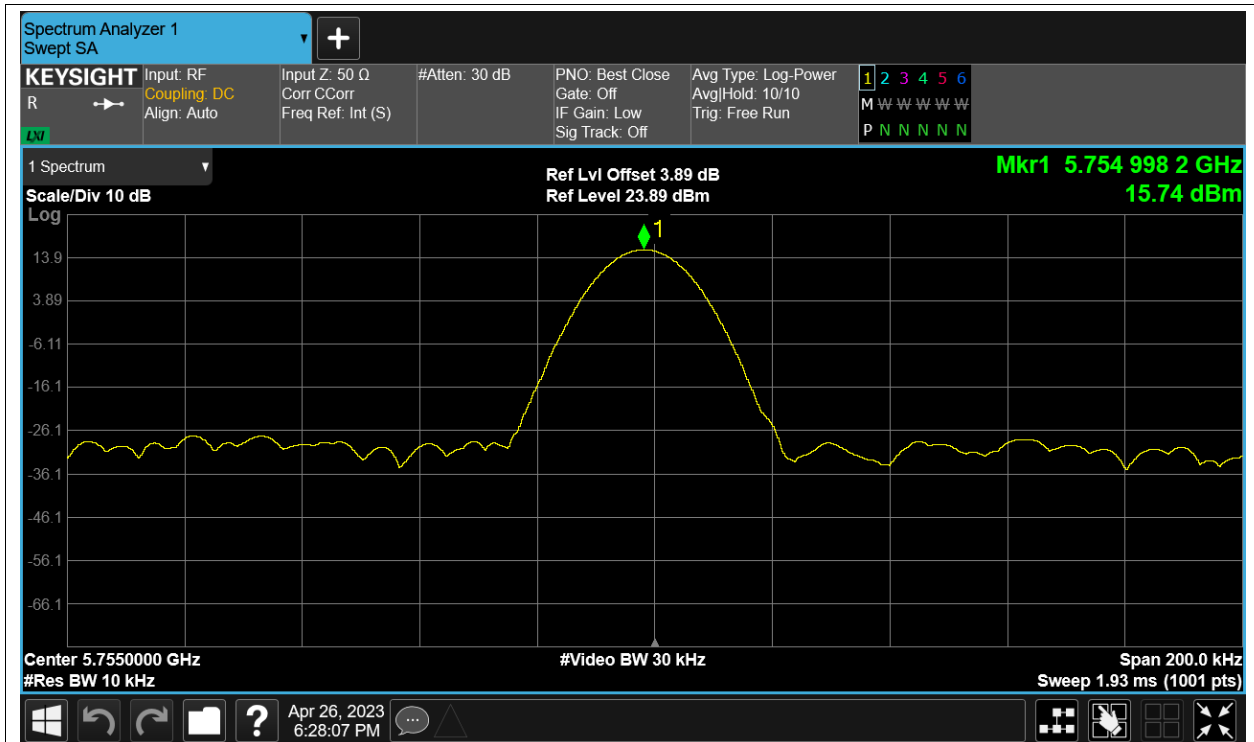
Freq. Stability NVLT ac80 5775MHz Ant6



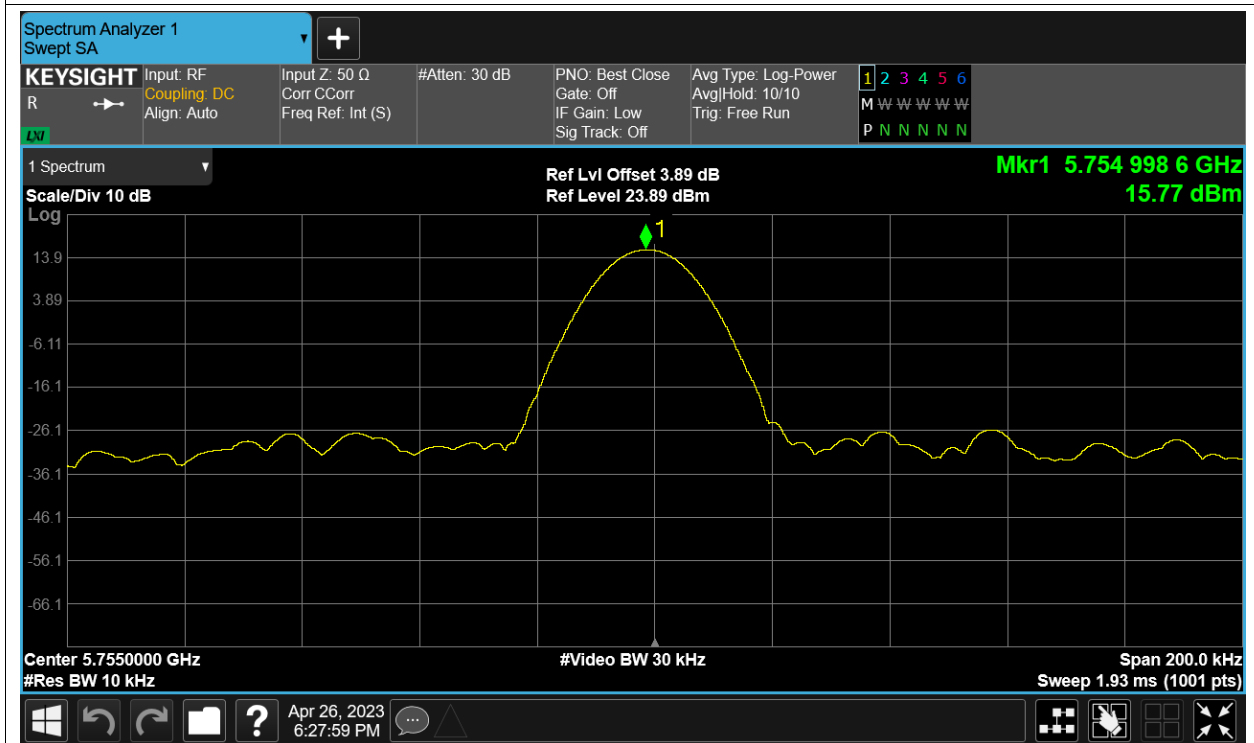
Freq. Stability NVNT ac80 5775MHz Ant6



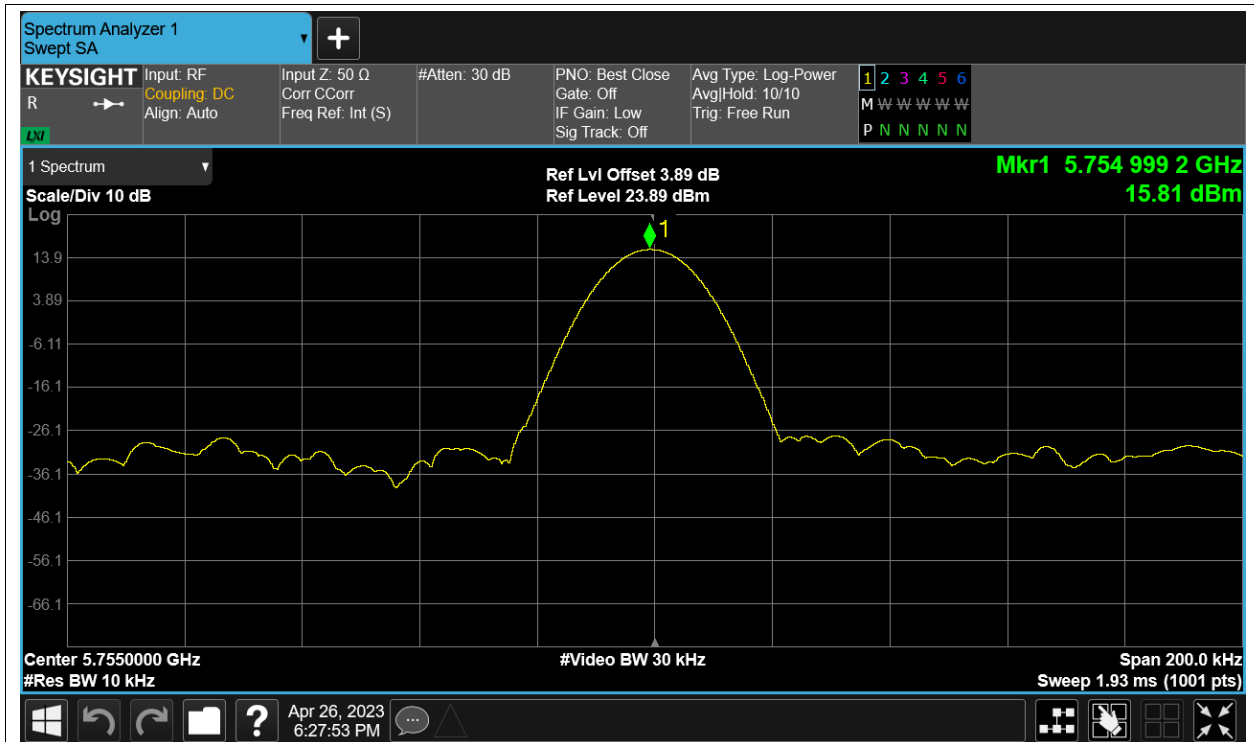
Freq. Stability HVNT n40 5755MHz Ant6



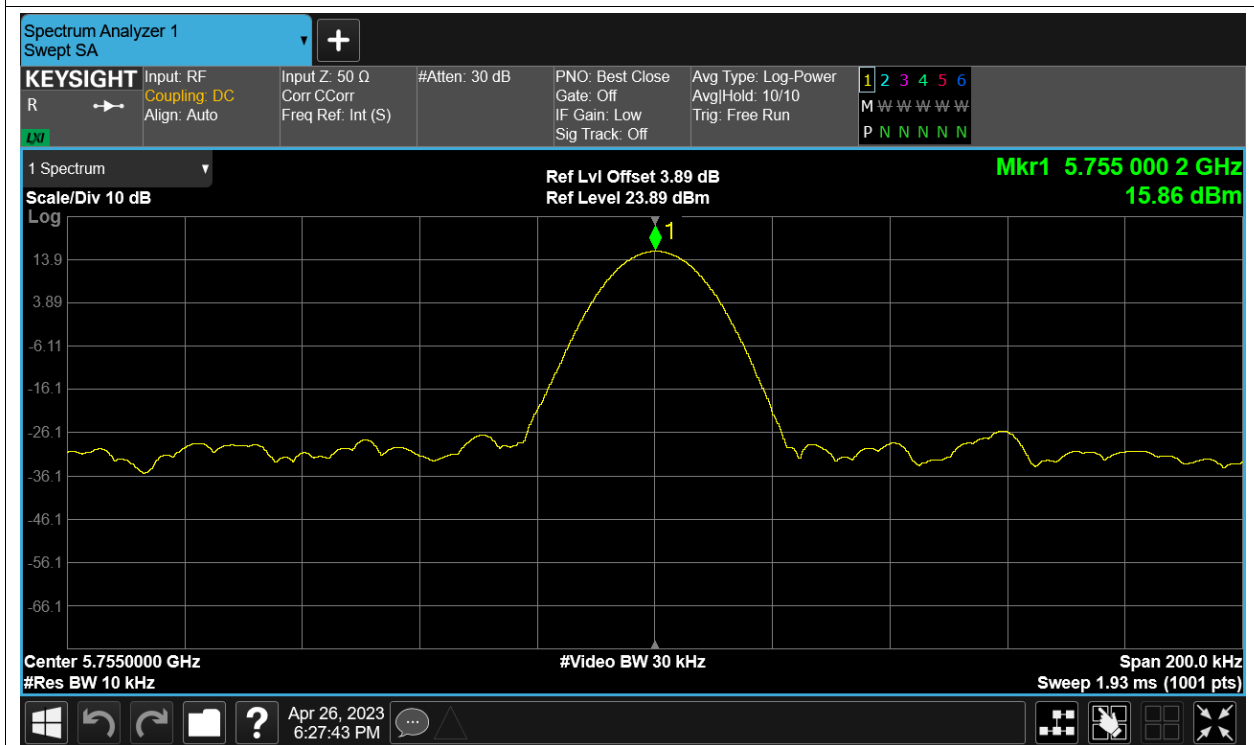
Freq. Stability LVNT n40 5755MHz Ant6



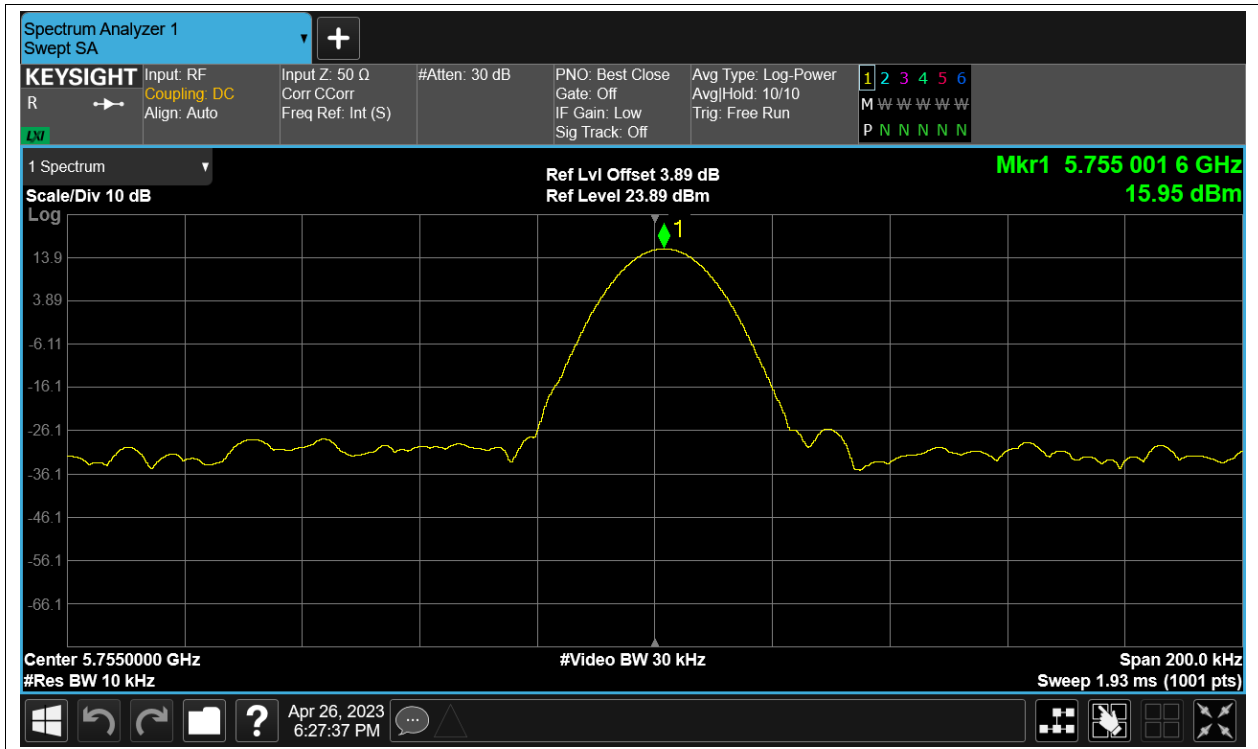
Freq. Stability NVHT n40 5755MHz Ant6



Freq. Stability NVLT n40 5755MHz Ant6



Freq. Stability NVNT n40 5755MHz Ant6

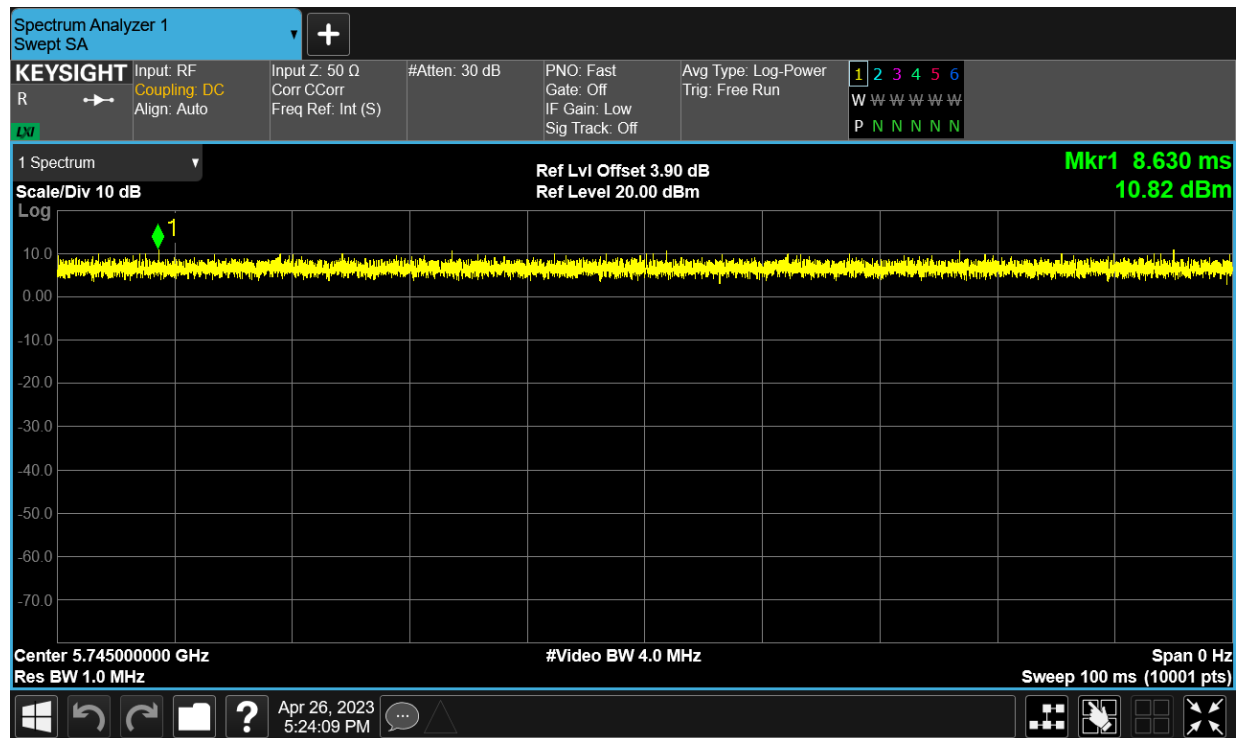


Duty Cycle

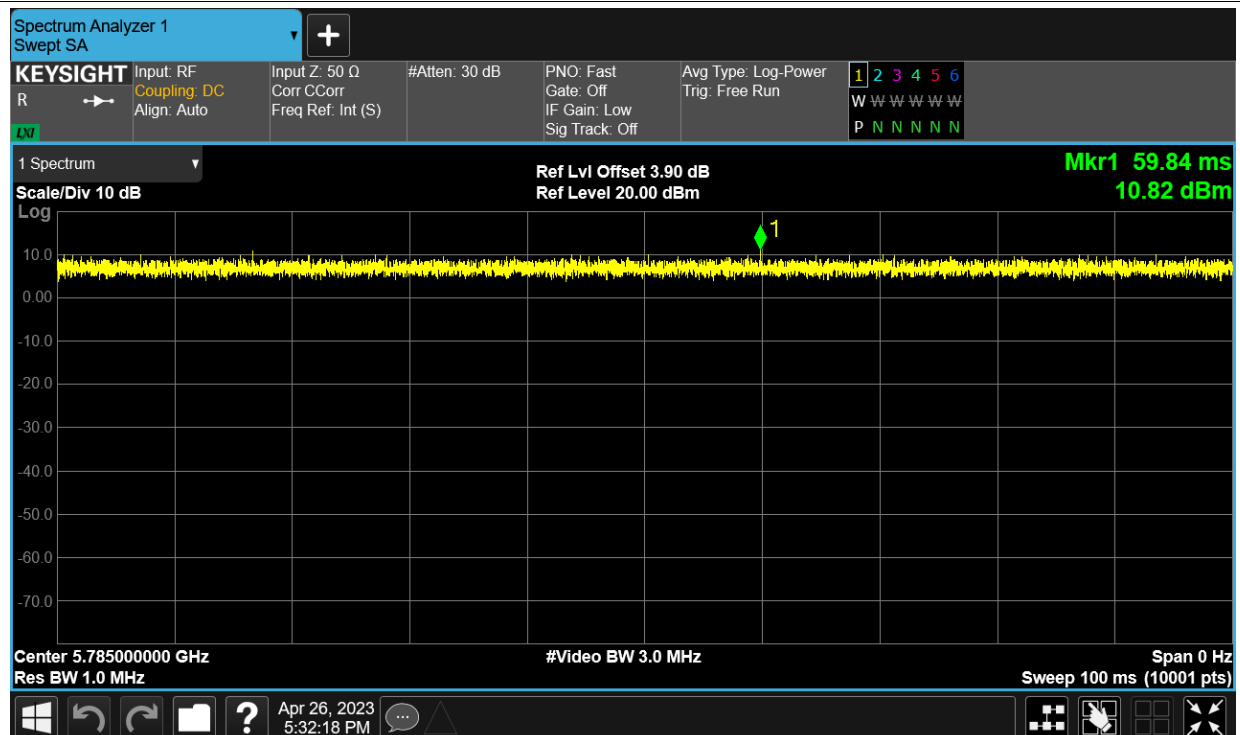
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant6	100	0
NVNT	a	5785	Ant6	100	0
NVNT	a	5825	Ant6	100	0
NVNT	ac20	5745	Ant6	100	0
NVNT	ac20	5785	Ant6	100	0
NVNT	ac20	5825	Ant6	100	0
NVNT	ac40	5755	Ant6	100	0
NVNT	ac40	5795	Ant6	100	0
NVNT	ac80	5775	Ant6	100	0
NVNT	n20	5745	Ant6	100	0
NVNT	n20	5785	Ant6	100	0
NVNT	n20	5825	Ant6	100	0
NVNT	n40	5755	Ant6	100	0
NVNT	n40	5795	Ant6	100	0

Test Graphs

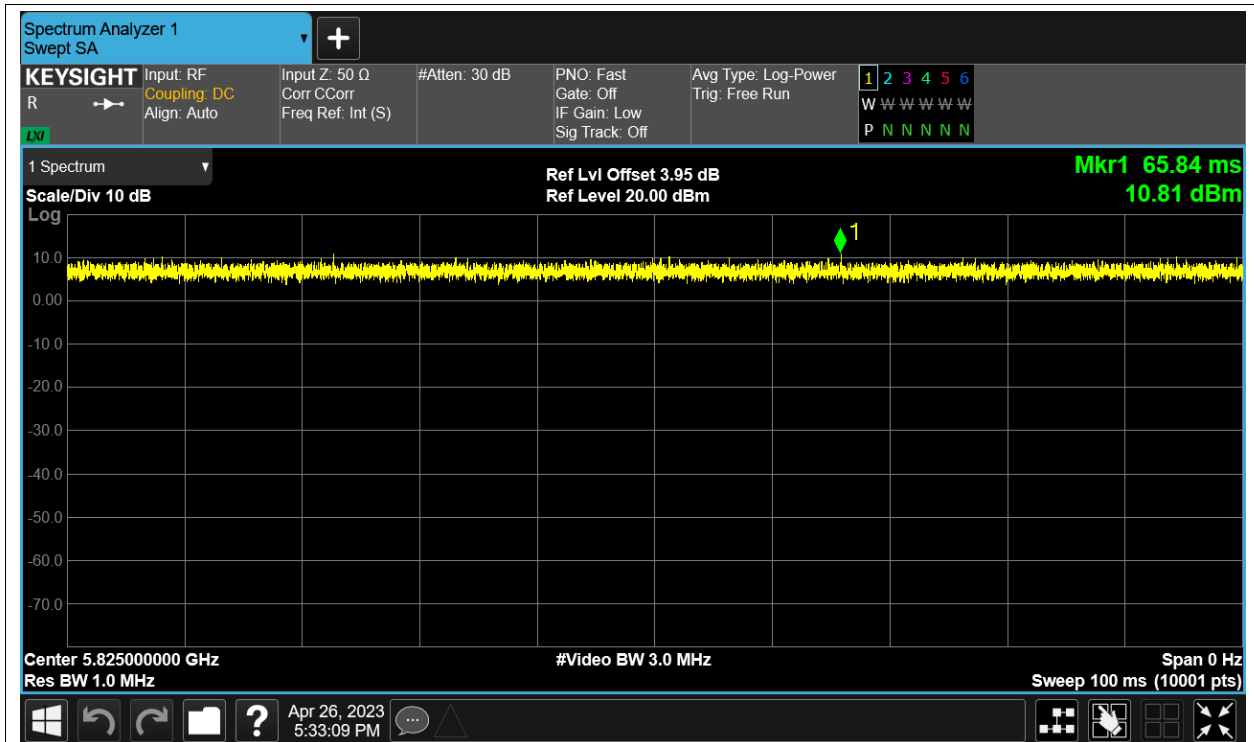
Duty Cycle NVNT a 5745MHz Ant6



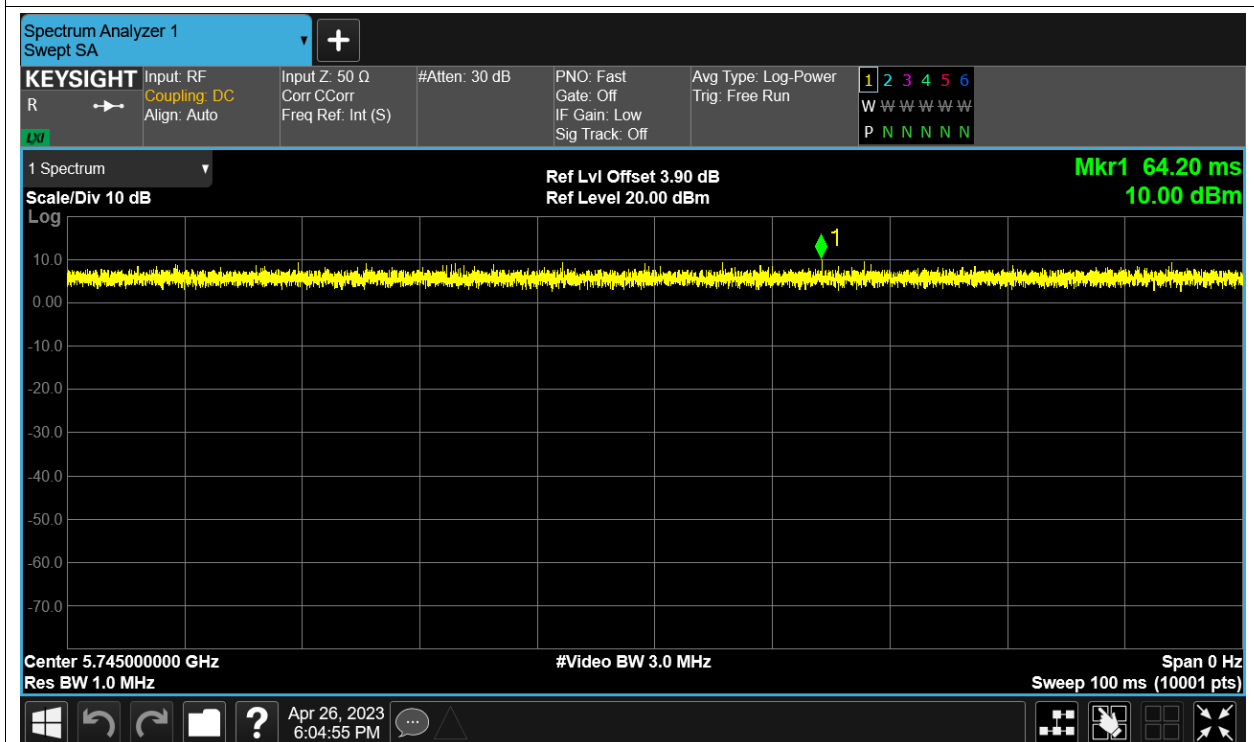
Duty Cycle NVNT a 5785MHz Ant6



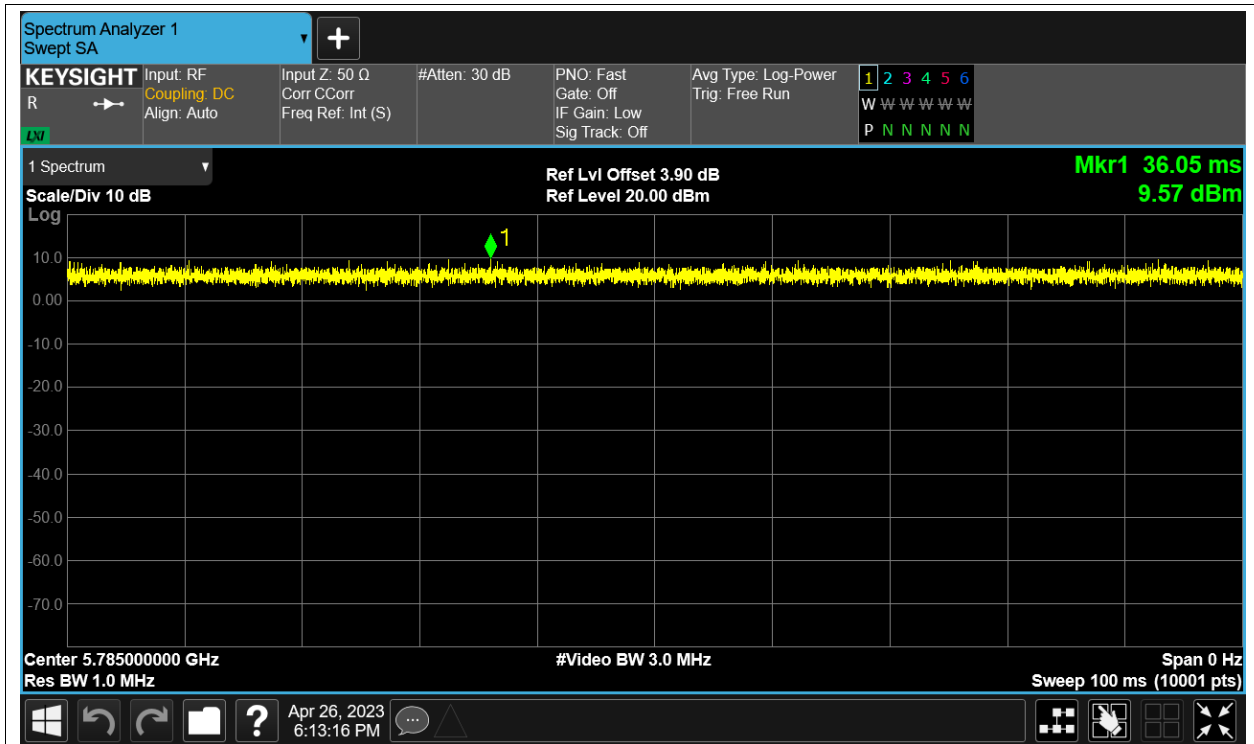
Duty Cycle NVNT a 5825MHz Ant6



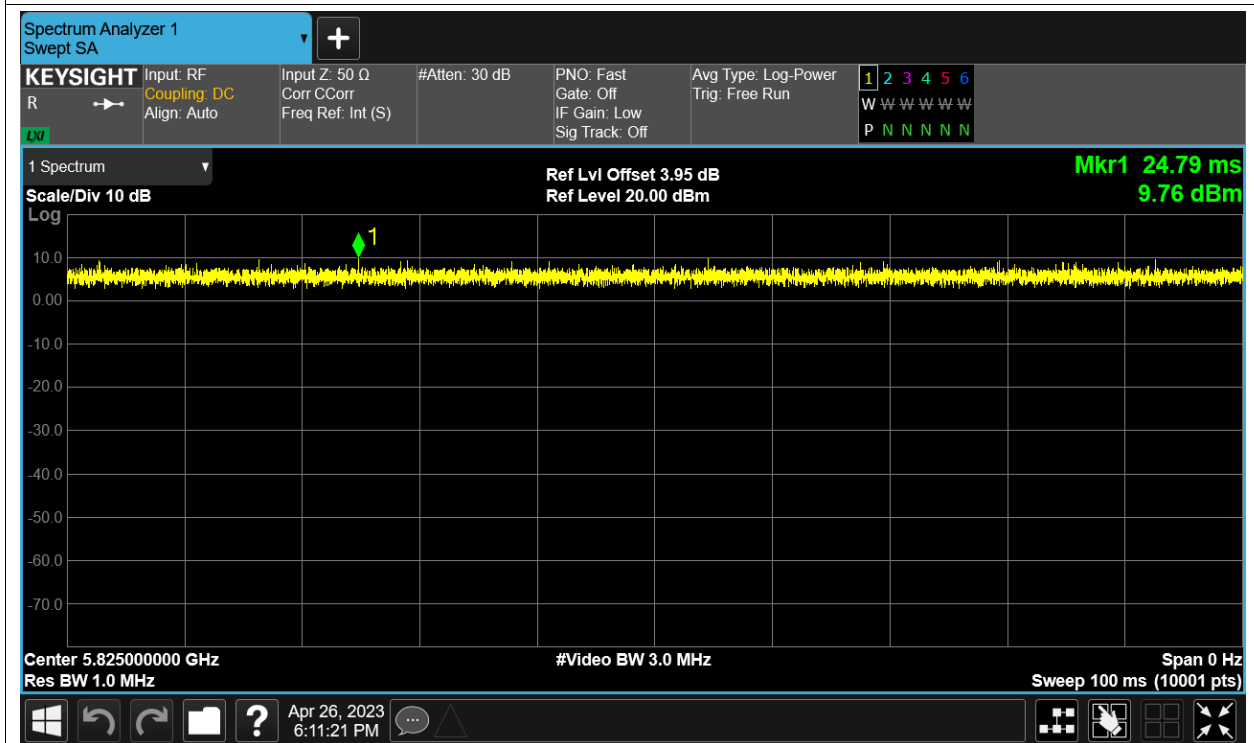
Duty Cycle NVNT ac20 5745MHz Ant6



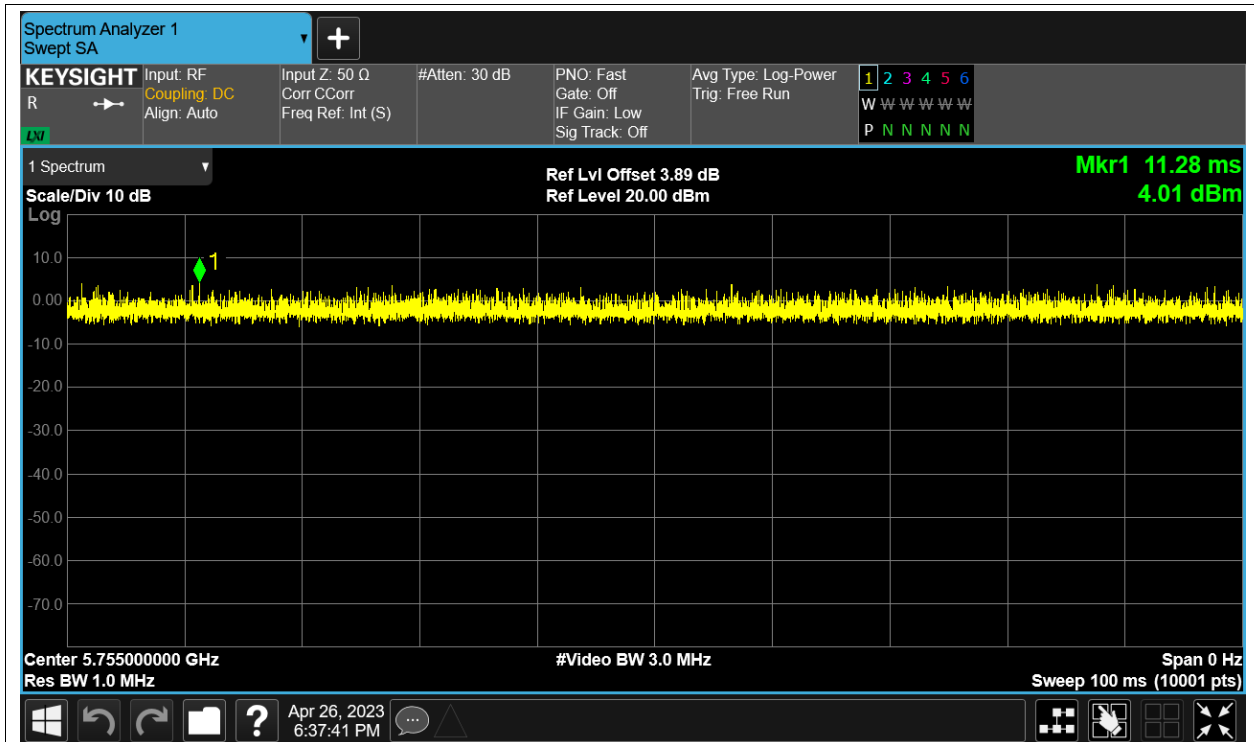
Duty Cycle NVNT ac20 5785MHz Ant6



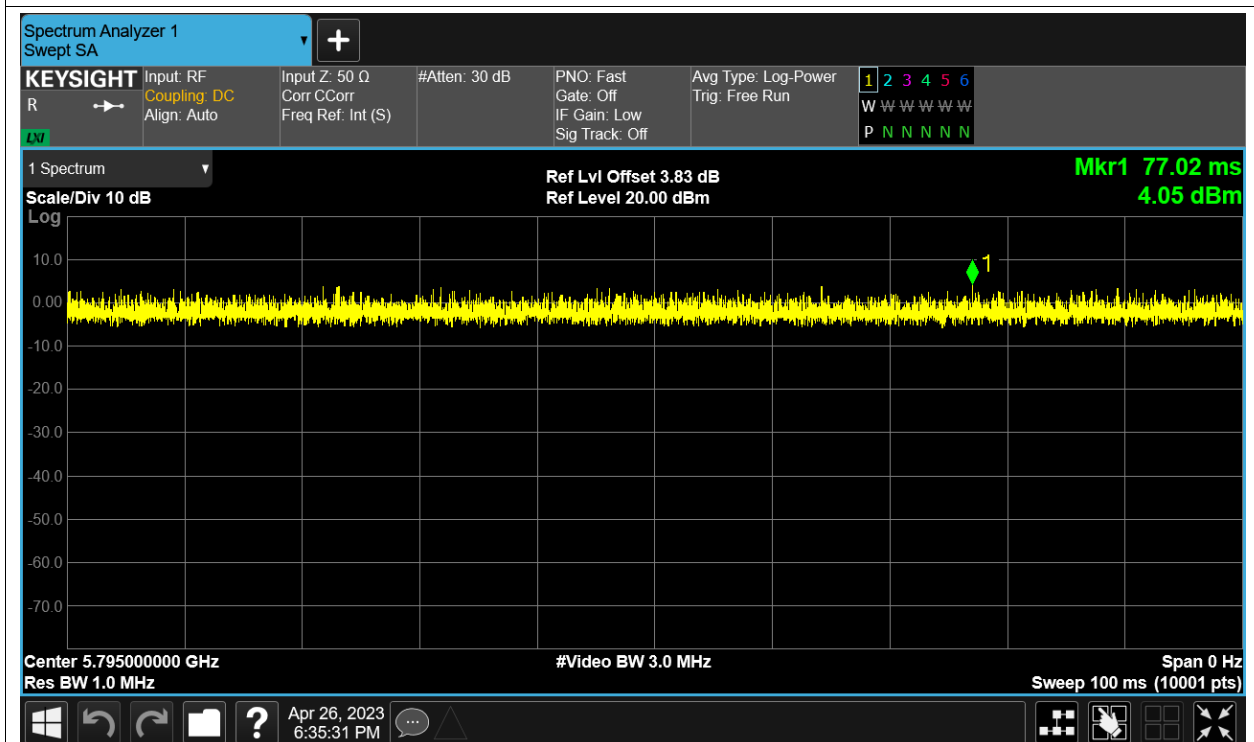
Duty Cycle NVNT ac20 5825MHz Ant6



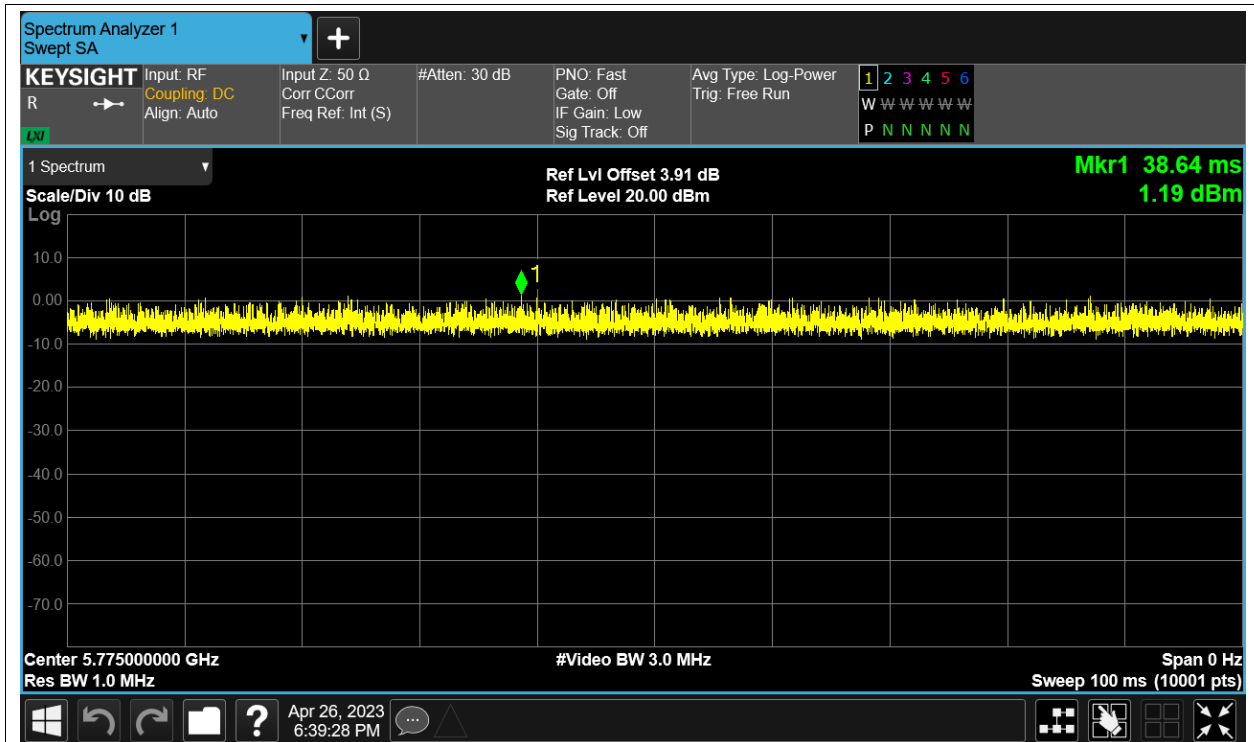
Duty Cycle NVNT ac40 5755MHz Ant6



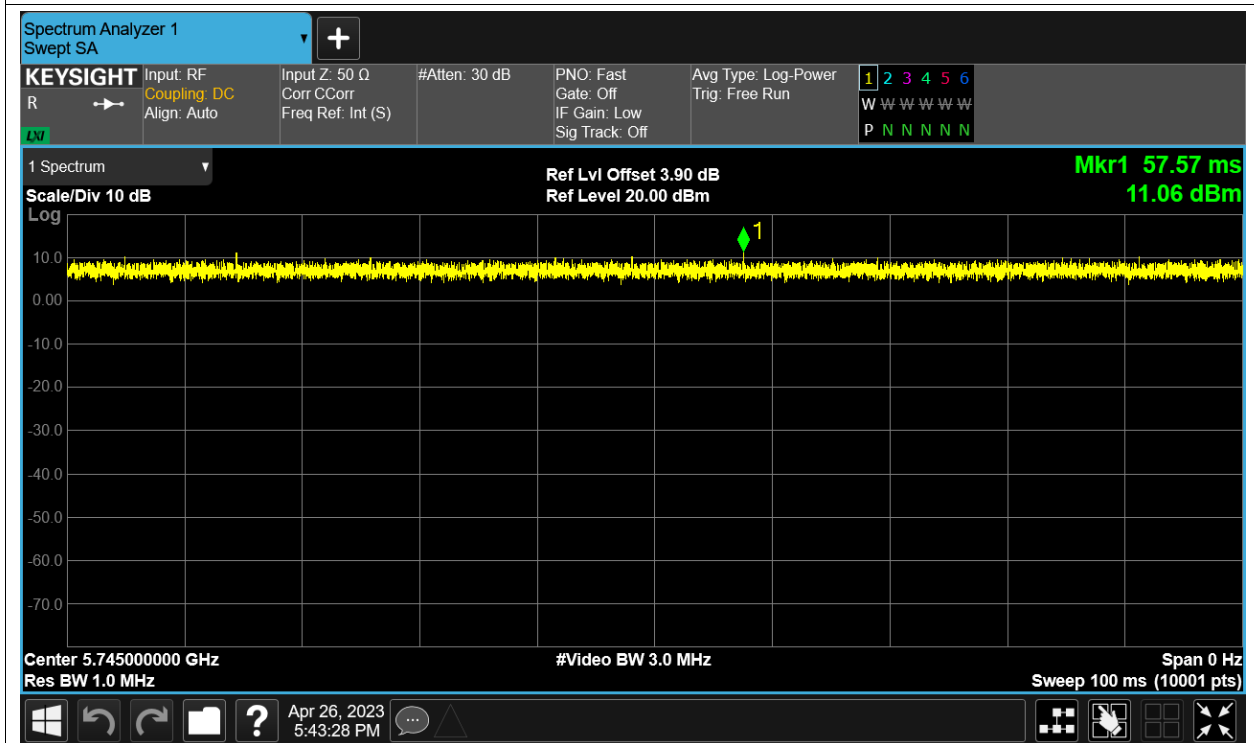
Duty Cycle NVNT ac40 5795MHz Ant6



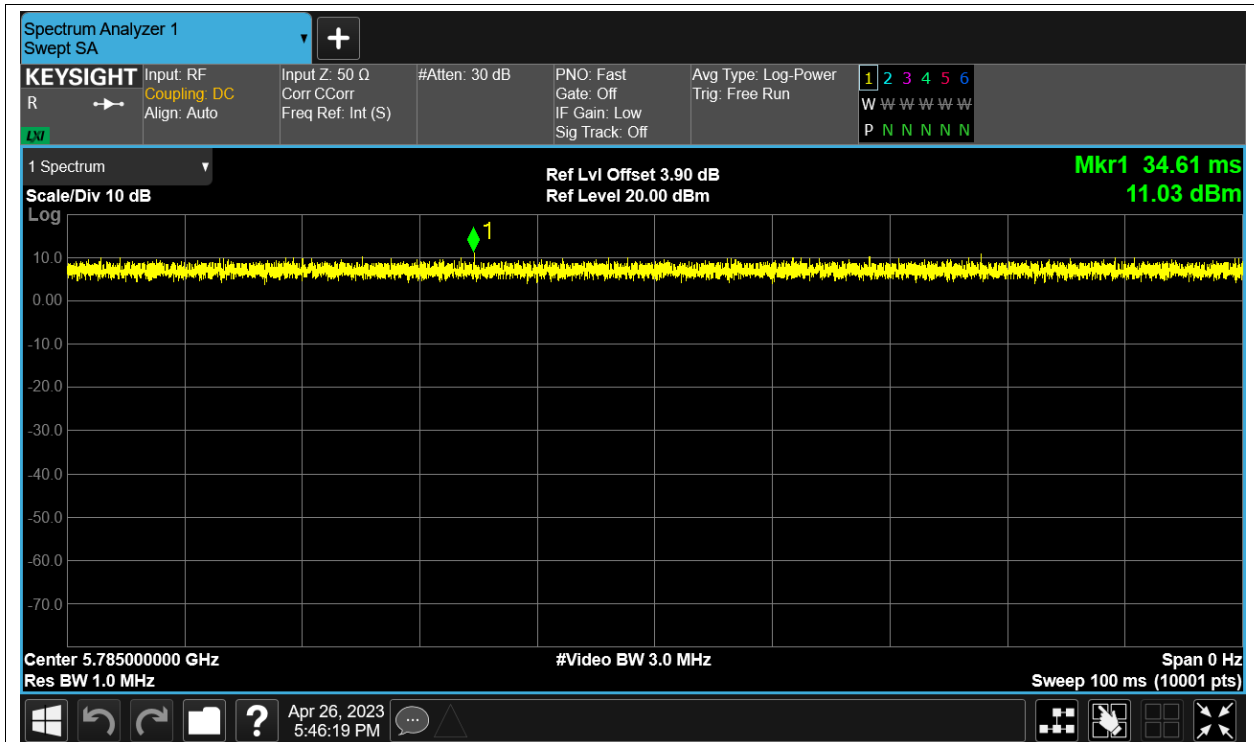
Duty Cycle NVNT ac80 5775MHz Ant6



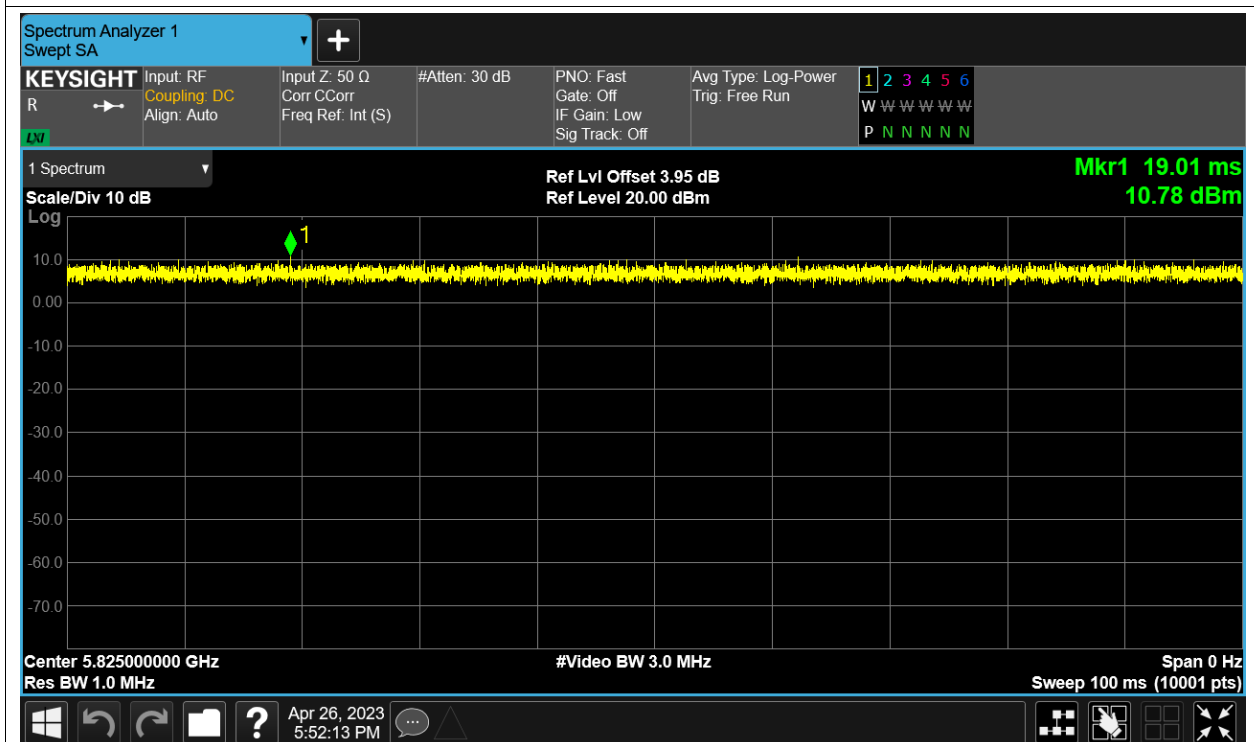
Duty Cycle NVNT n20 5745MHz Ant6



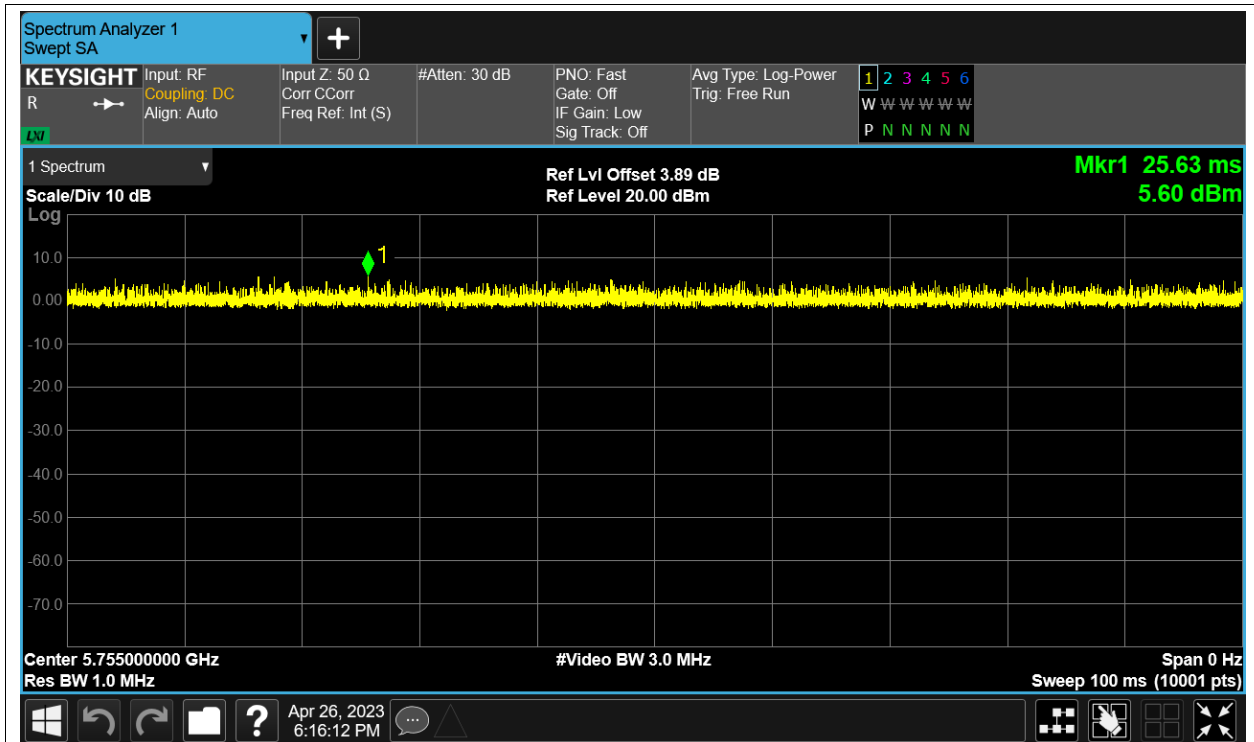
Duty Cycle NVNT n20 5785MHz Ant6



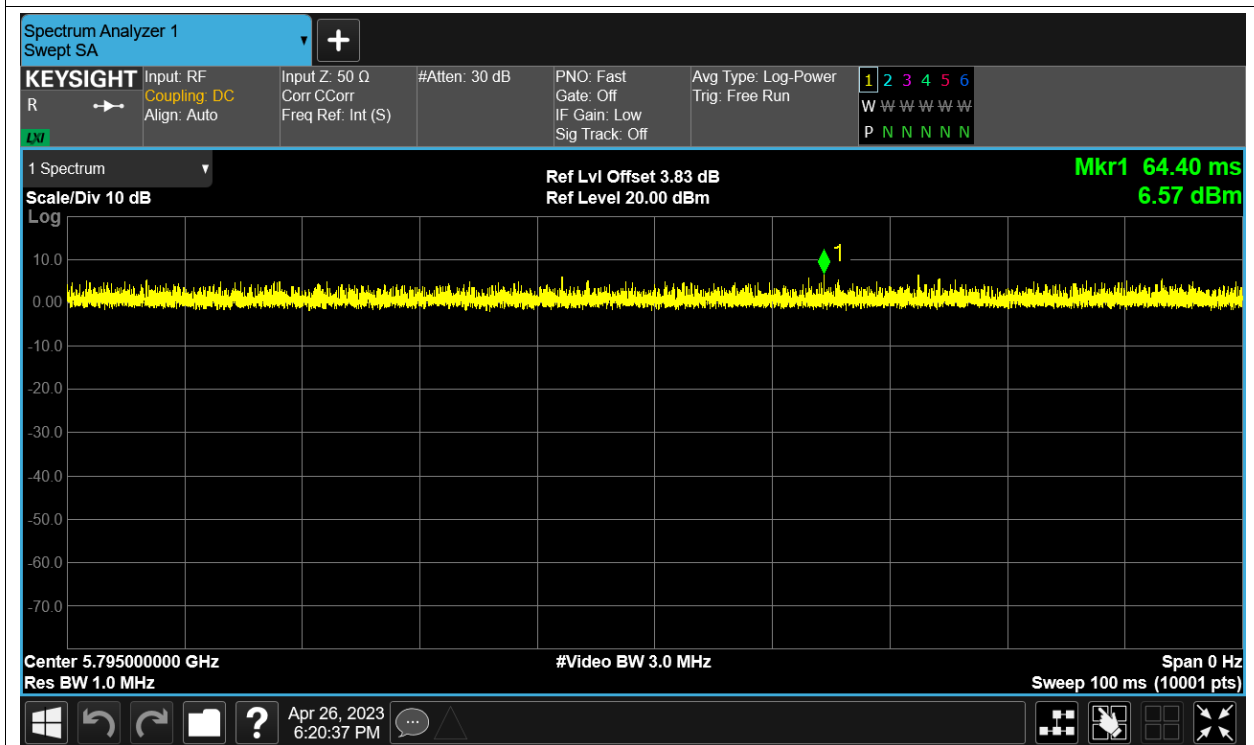
Duty Cycle NVNT n20 5825MHz Ant6



Duty Cycle NVNT n40 5755MHz Ant6



Duty Cycle NVNT n40 5795MHz Ant6



Maximum Conducted Output Power

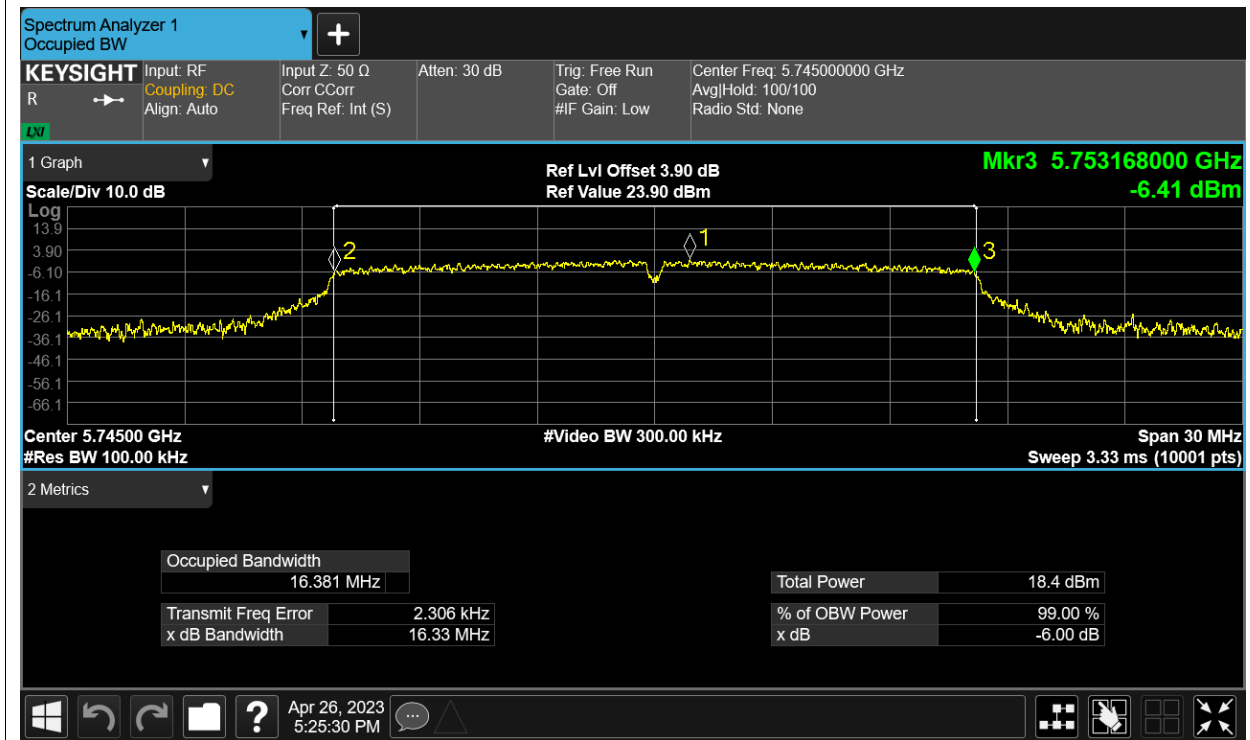
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant6	12.91	0	12.91	30	Pass
NVNT	a	5785	Ant6	14.05	0	14.05	30	Pass
NVNT	a	5825	Ant6	13.11	0	13.11	30	Pass
NVNT	ac20	5745	Ant6	11.7	0	11.7	30	Pass
NVNT	ac20	5785	Ant6	13.1	0	13.1	30	Pass
NVNT	ac20	5825	Ant6	11.91	0	11.91	30	Pass
NVNT	ac40	5755	Ant6	10.95	0	10.95	30	Pass
NVNT	ac40	5795	Ant6	12.16	0	12.16	30	Pass
NVNT	ac80	5775	Ant6	11.36	0	11.36	30	Pass
NVNT	n20	5745	Ant6	12.71	0	12.71	30	Pass
NVNT	n20	5785	Ant6	13.88	0	13.88	30	Pass
NVNT	n20	5825	Ant6	13.01	0	13.01	30	Pass
NVNT	n40	5755	Ant6	12.89	0	12.89	30	Pass
NVNT	n40	5795	Ant6	13.67	0	13.67	30	Pass

-6dB Bandwidth

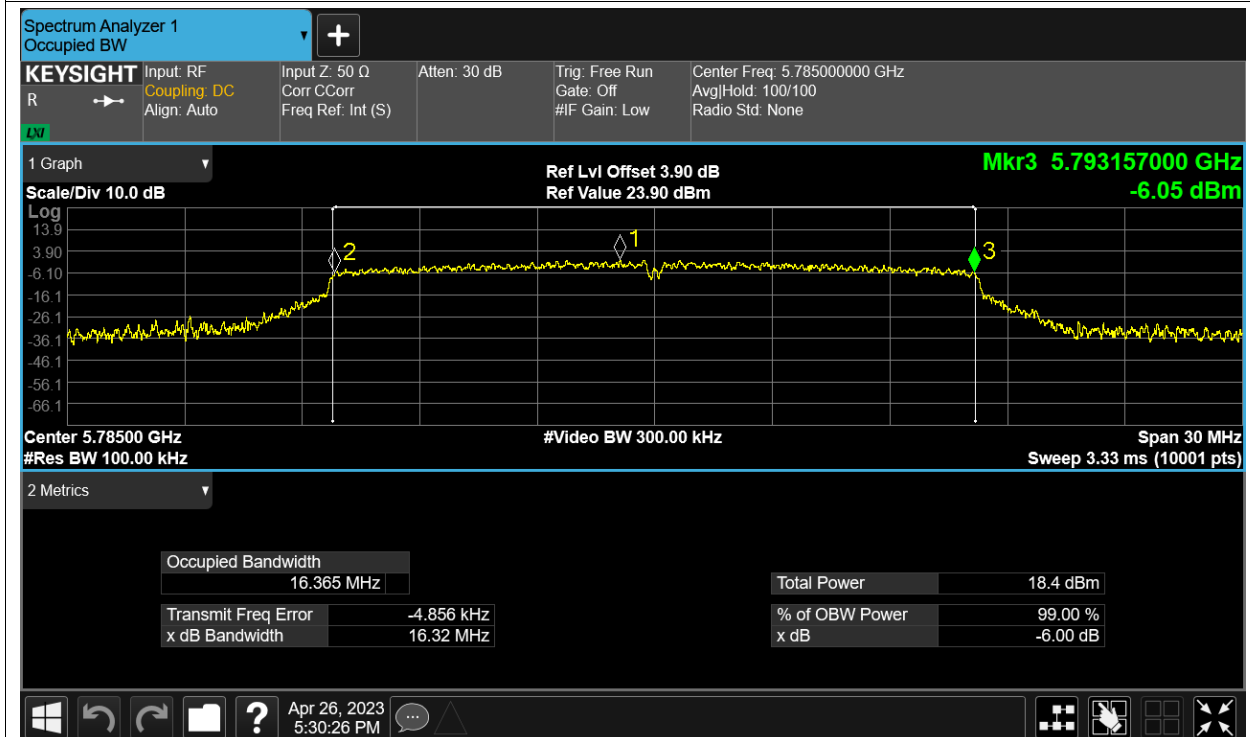
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant6	16.331	0.5	Pass
NVNT	a	5785	Ant6	16.323	0.5	Pass
NVNT	a	5825	Ant6	16.339	0.5	Pass
NVNT	ac20	5745	Ant6	15.117	0.5	Pass
NVNT	ac20	5785	Ant6	17.571	0.5	Pass
NVNT	ac20	5825	Ant6	17.579	0.5	Pass
NVNT	ac40	5755	Ant6	36.298	0.5	Pass
NVNT	ac40	5795	Ant6	36.044	0.5	Pass
NVNT	ac80	5775	Ant6	75.806	0.5	Pass
NVNT	n20	5745	Ant6	16.323	0.5	Pass
NVNT	n20	5785	Ant6	16.344	0.5	Pass
NVNT	n20	5825	Ant6	16.316	0.5	Pass
NVNT	n40	5755	Ant6	33.78	0.5	Pass
NVNT	n40	5795	Ant6	36.289	0.5	Pass

Test Graphs

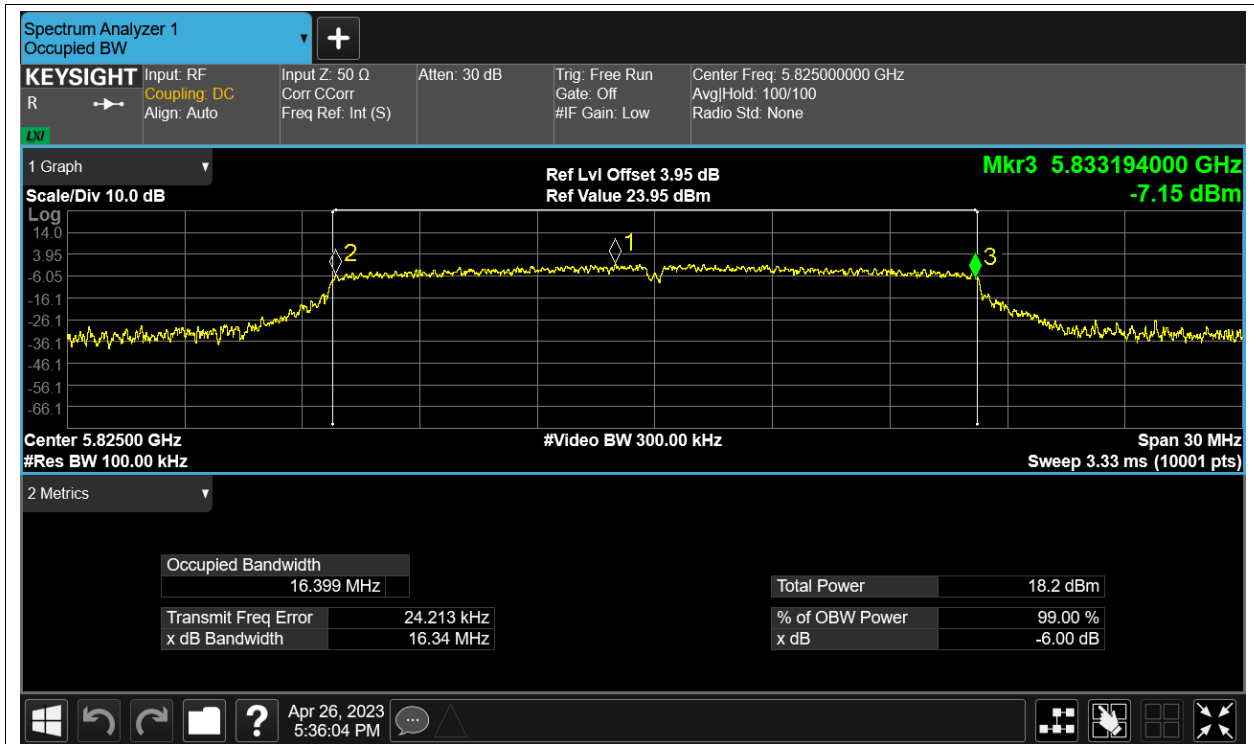
-6dB Bandwidth NVNT a 5745MHz Ant6



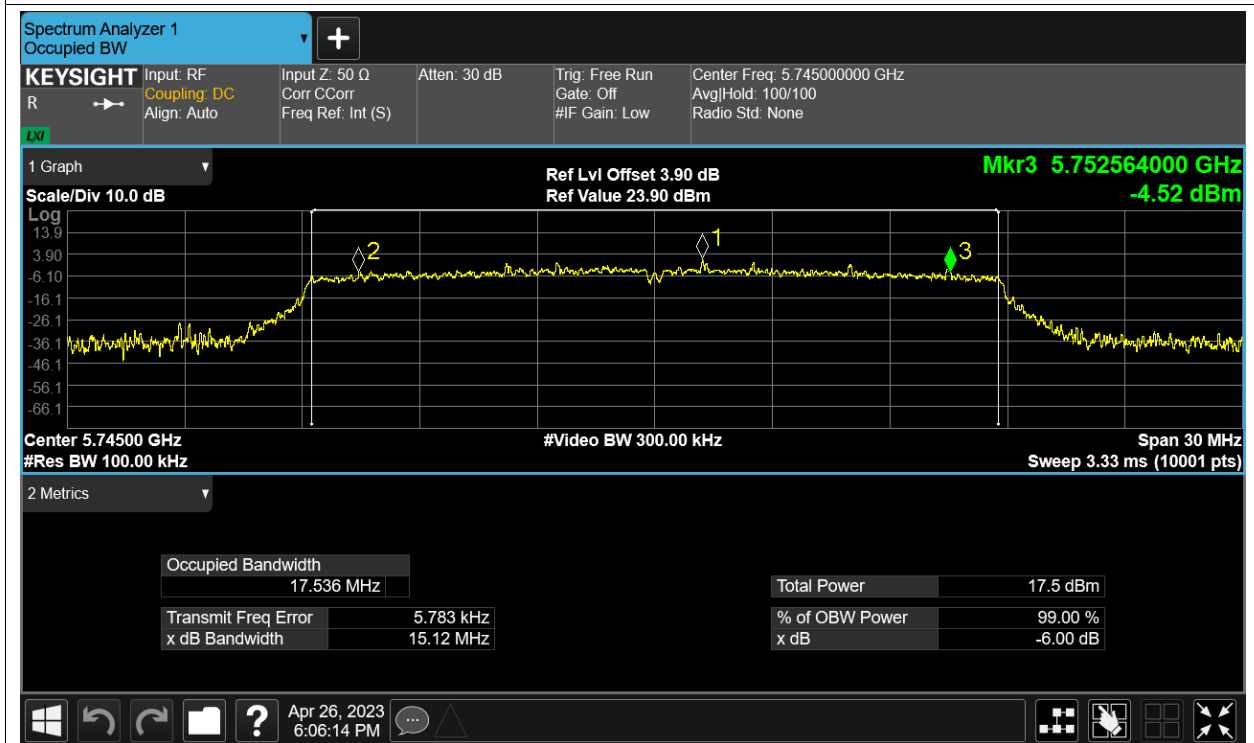
-6dB Bandwidth NVNT a 5785MHz Ant6



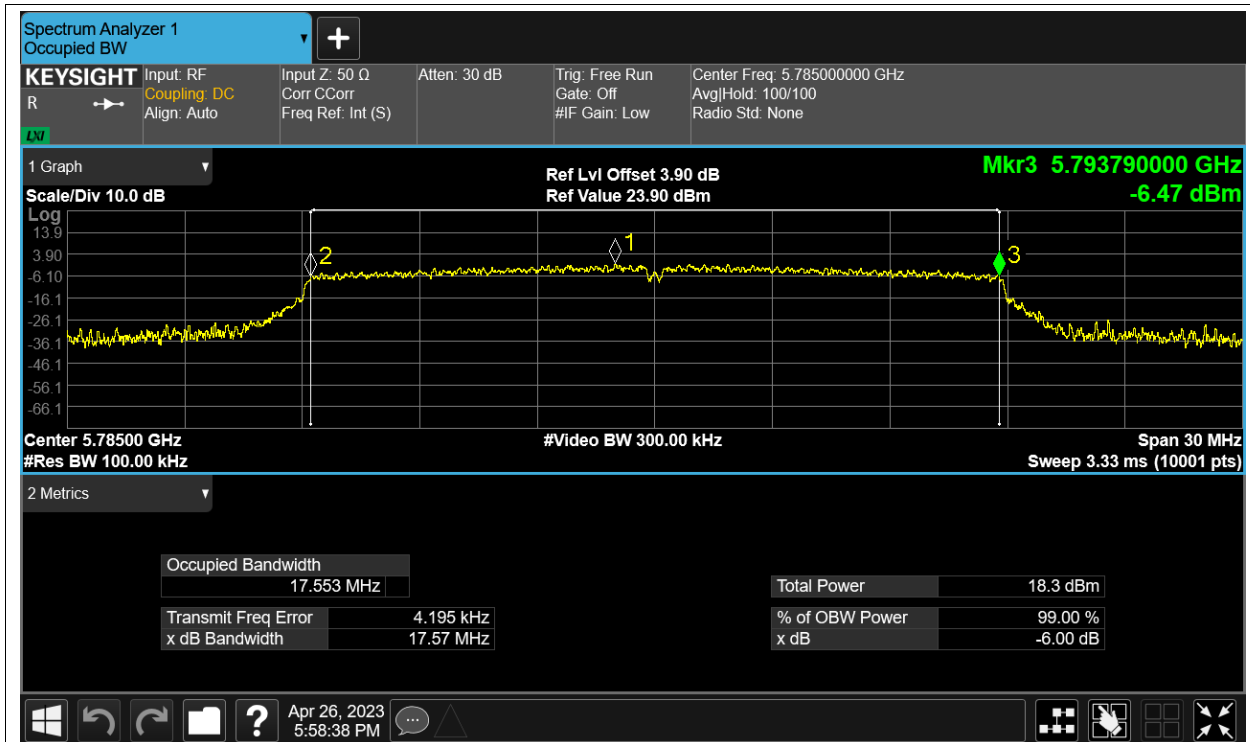
-6dB Bandwidth NVNT a 5825MHz Ant6



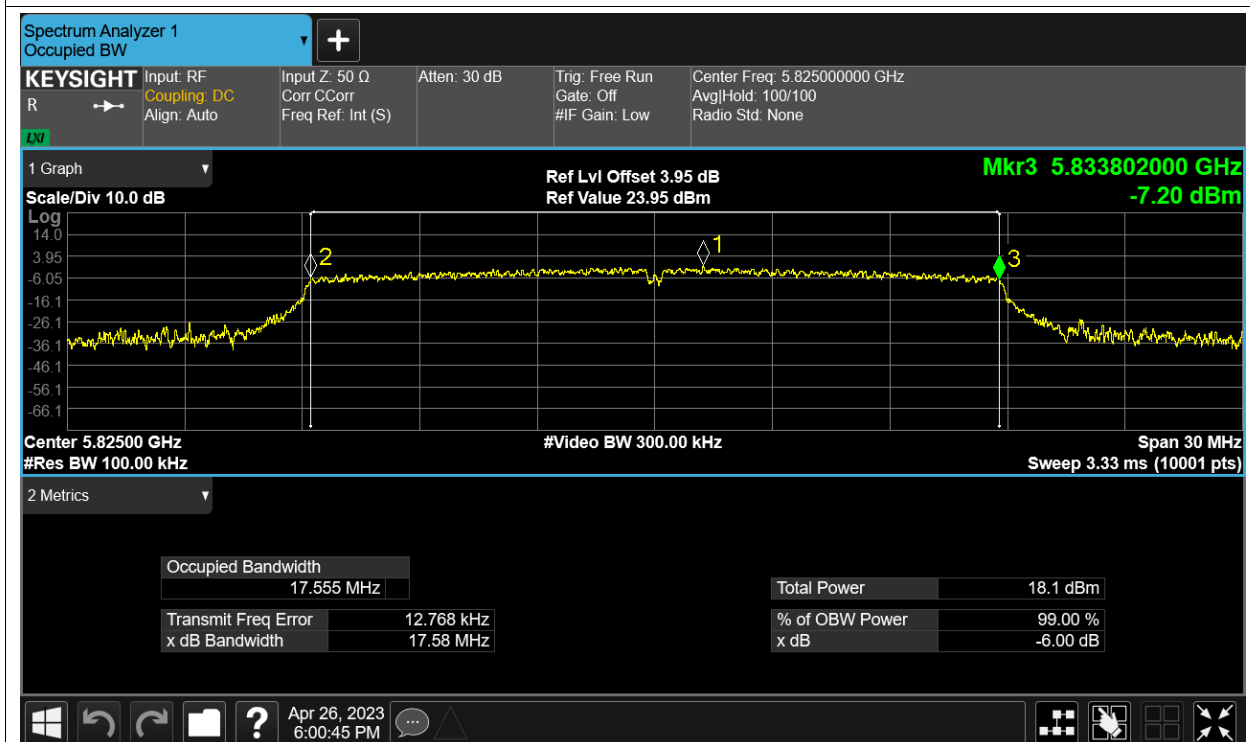
-6dB Bandwidth NVNT ac20 5745MHz Ant6



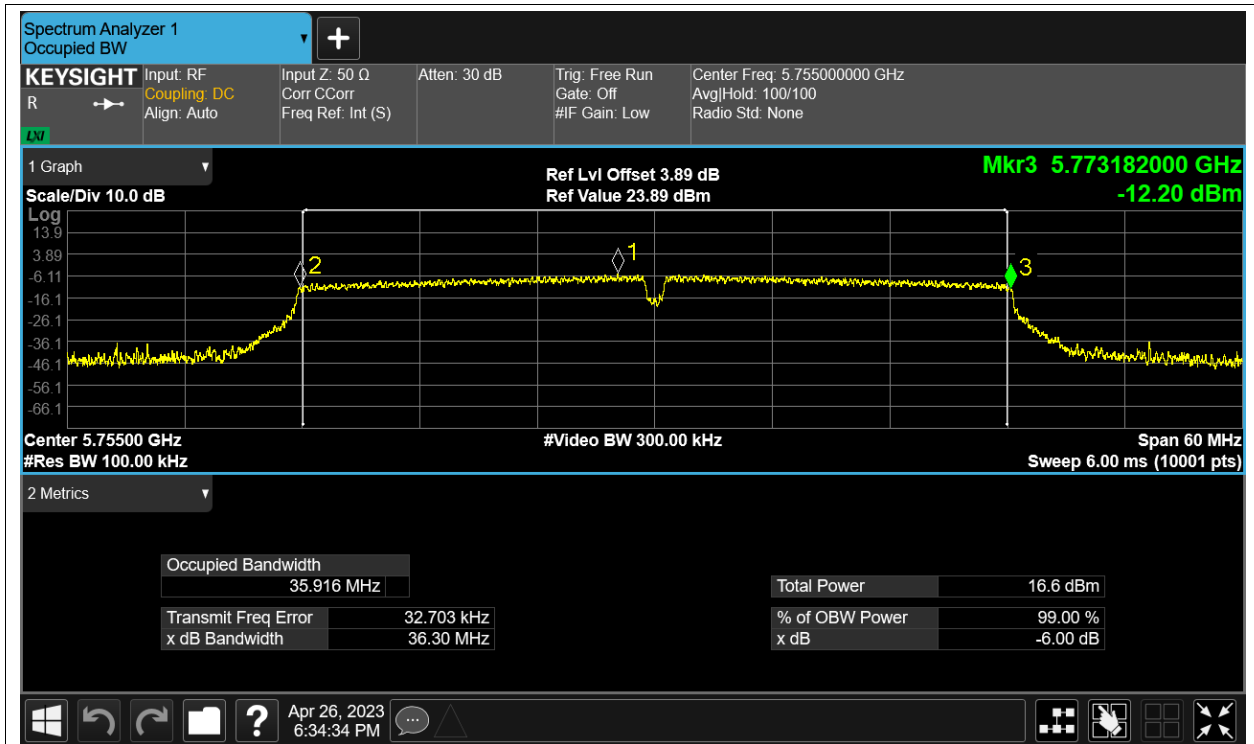
-6dB Bandwidth NVNT ac20 5785MHz Ant6



-6dB Bandwidth NVNT ac20 5825MHz Ant6



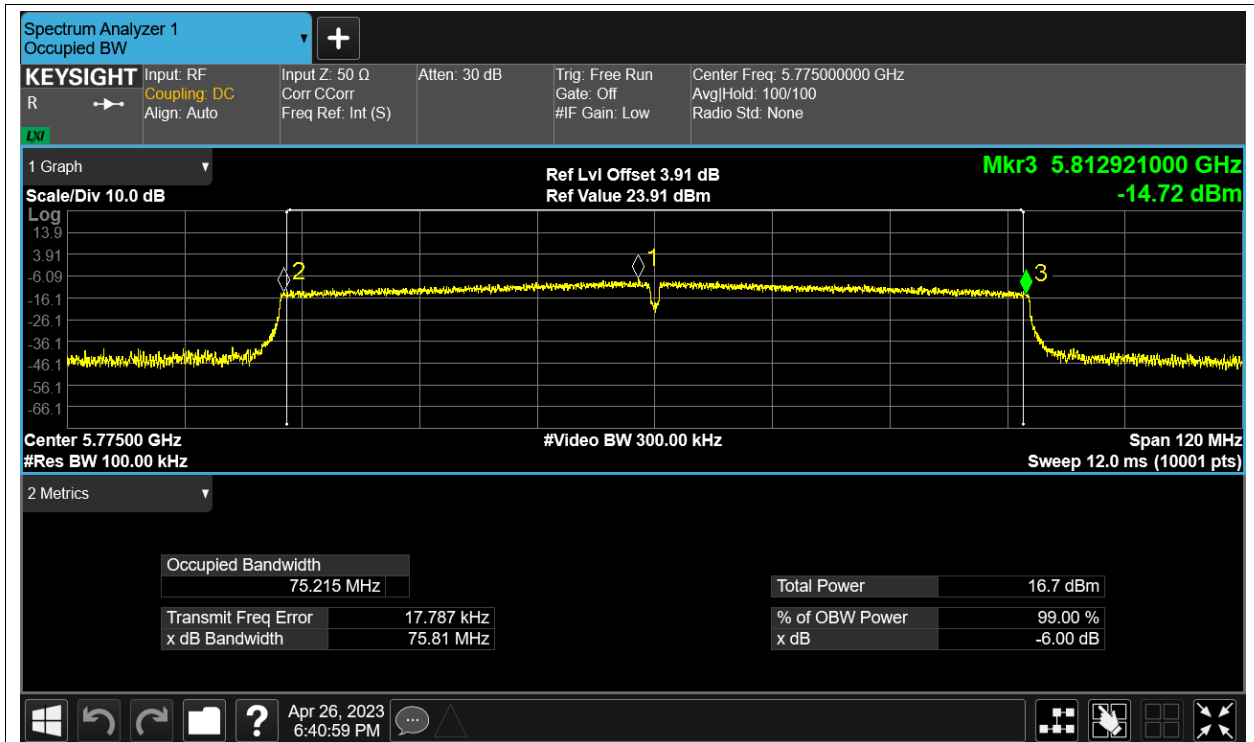
-6dB Bandwidth NVNT ac40 5755MHz Ant6



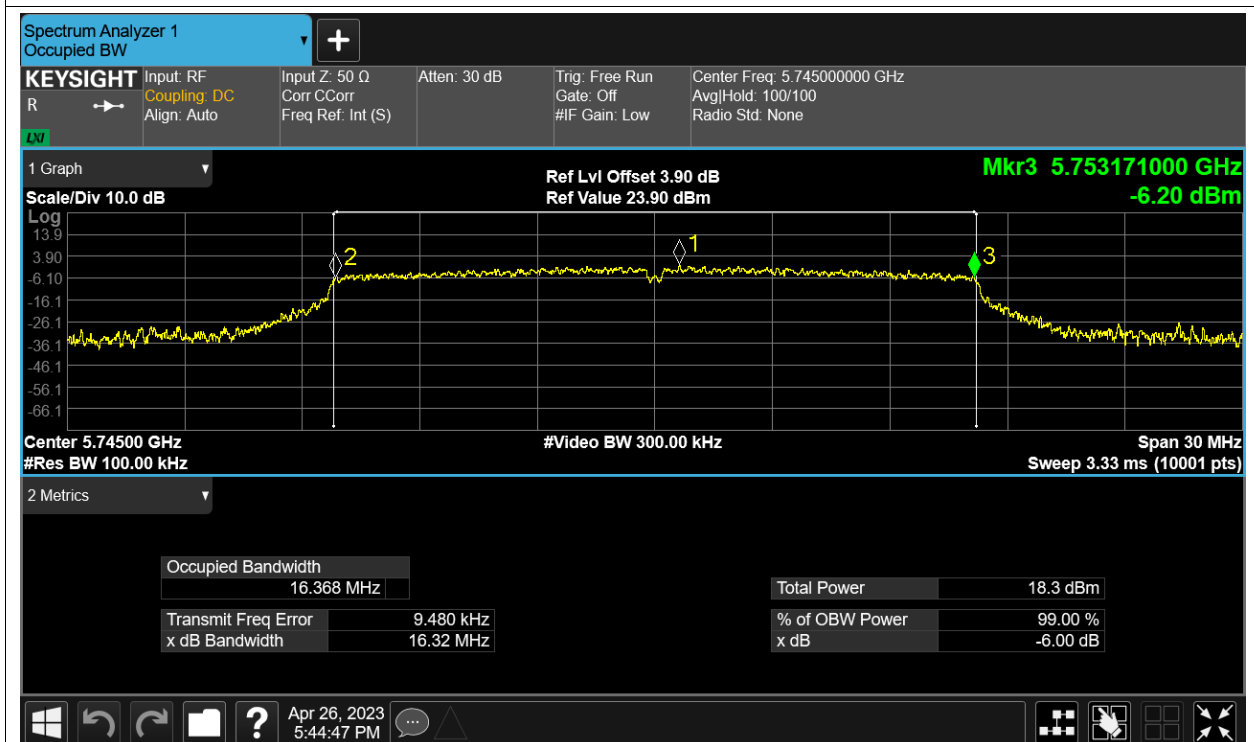
-6dB Bandwidth NVNT ac40 5795MHz Ant6



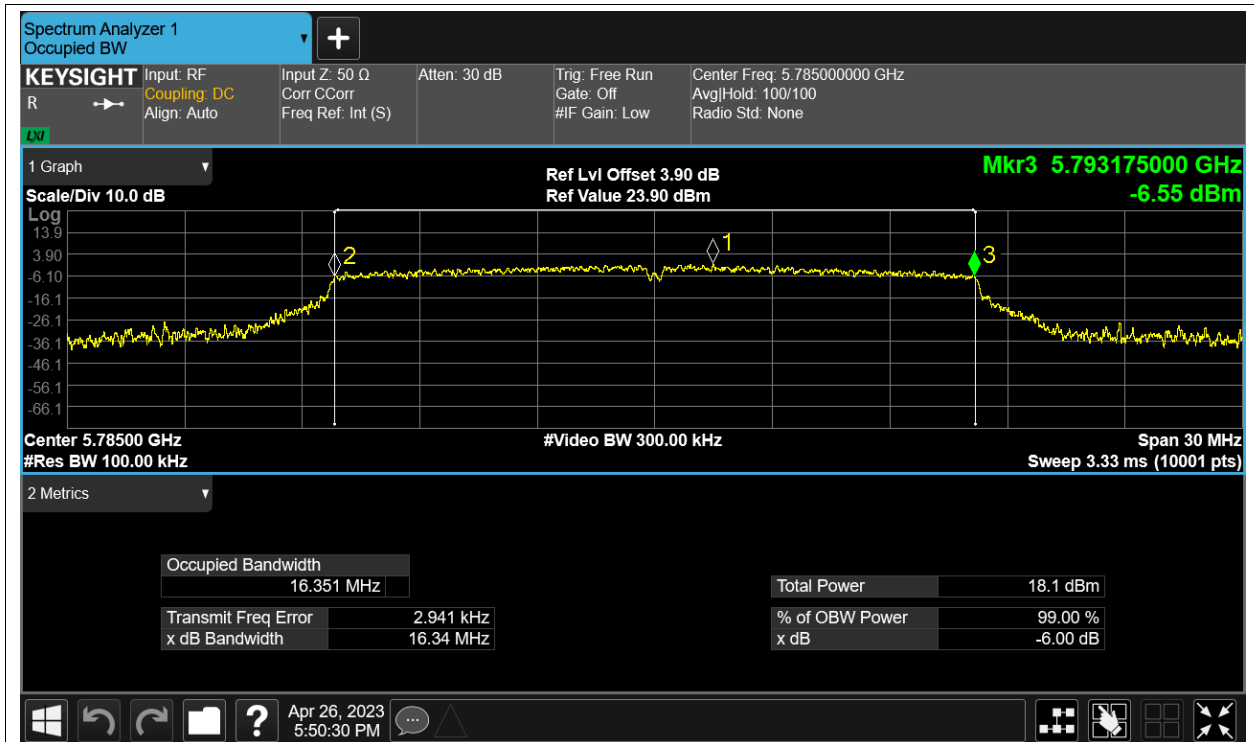
-6dB Bandwidth NVNT ac80 5775MHz Ant6



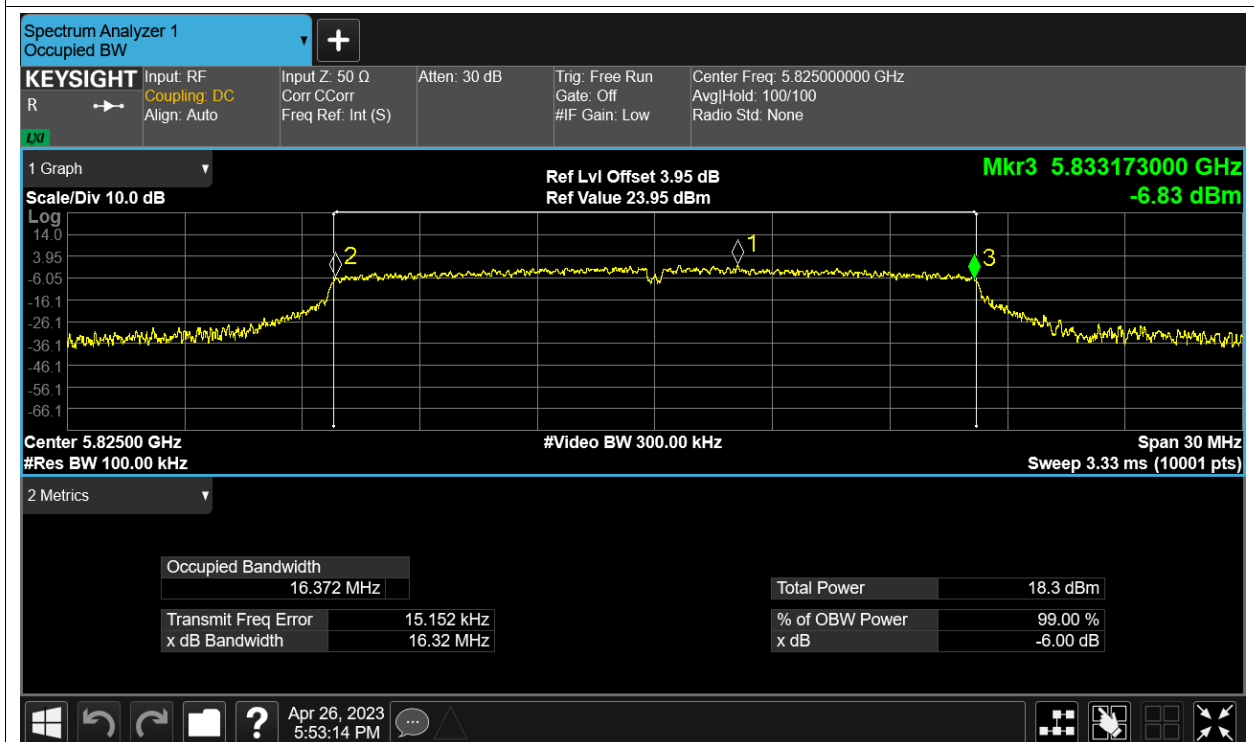
-6dB Bandwidth NVNT n20 5745MHz Ant6



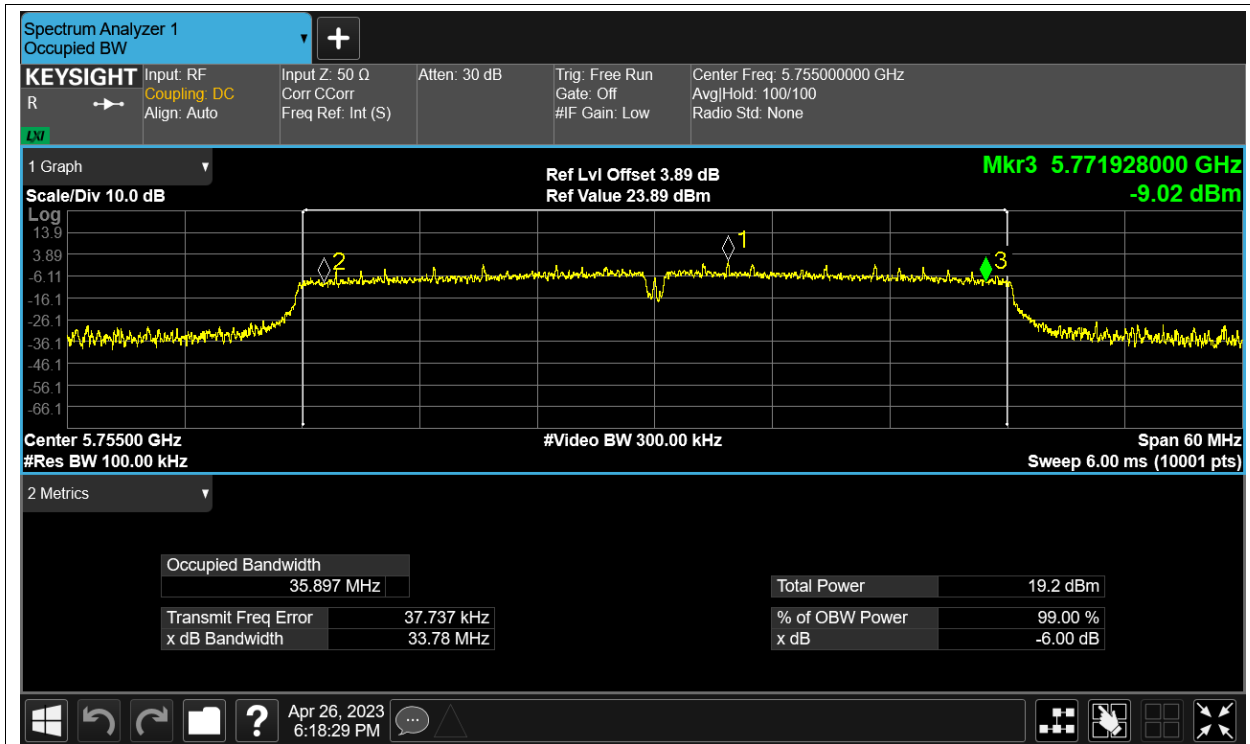
-6dB Bandwidth NVNT n20 5785MHz Ant6



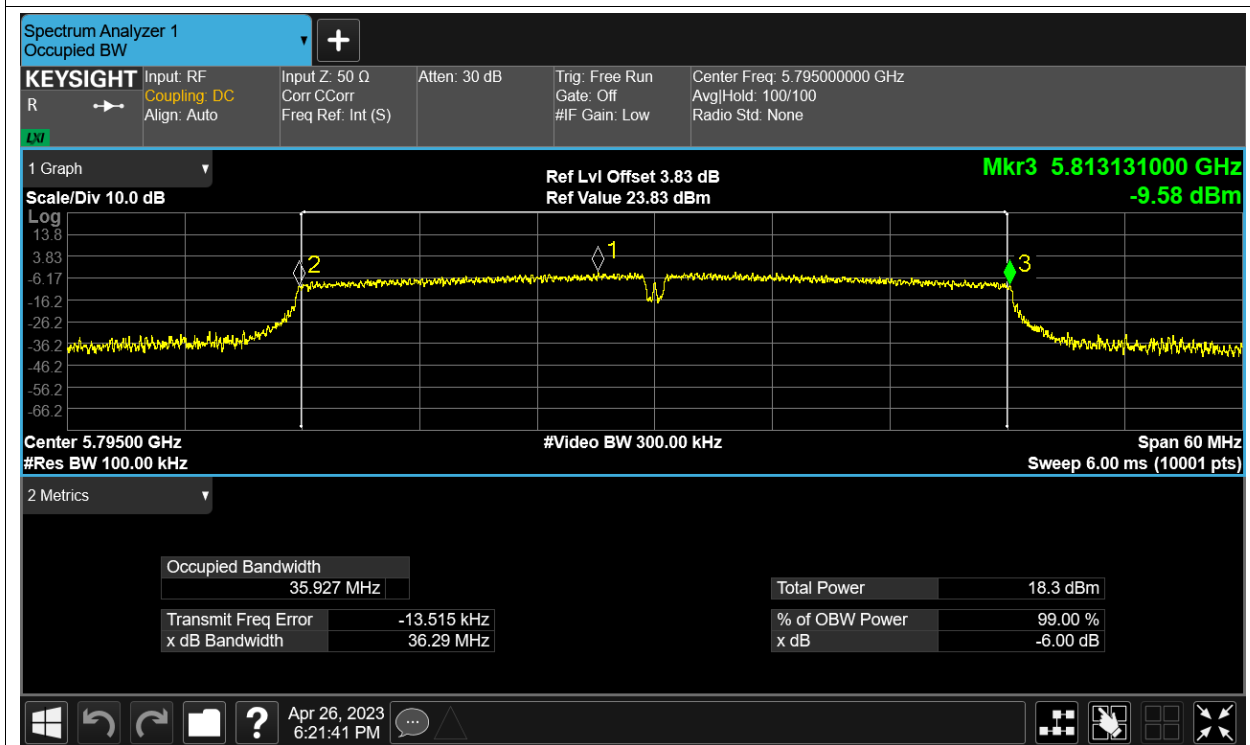
-6dB Bandwidth NVNT n20 5825MHz Ant6



-6dB Bandwidth NVNT n40 5755MHz Ant6



-6dB Bandwidth NVNT n40 5795MHz Ant6

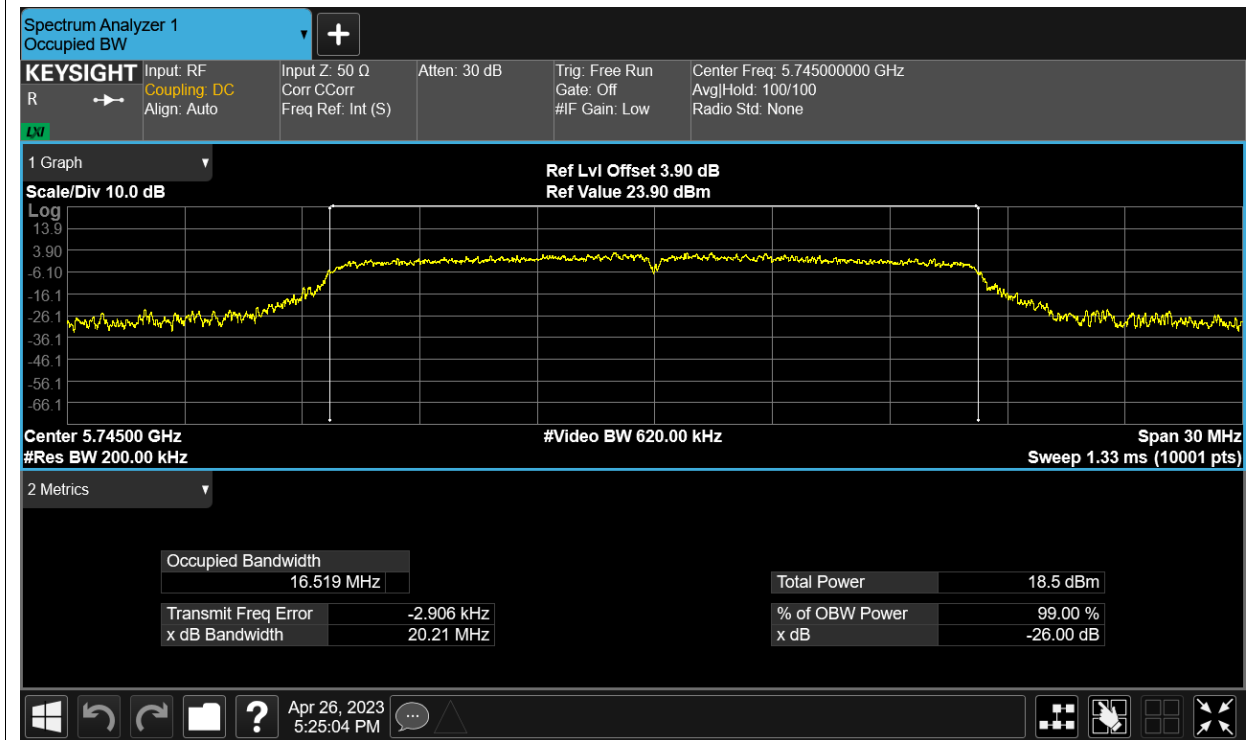


Occupied Channel Bandwidth

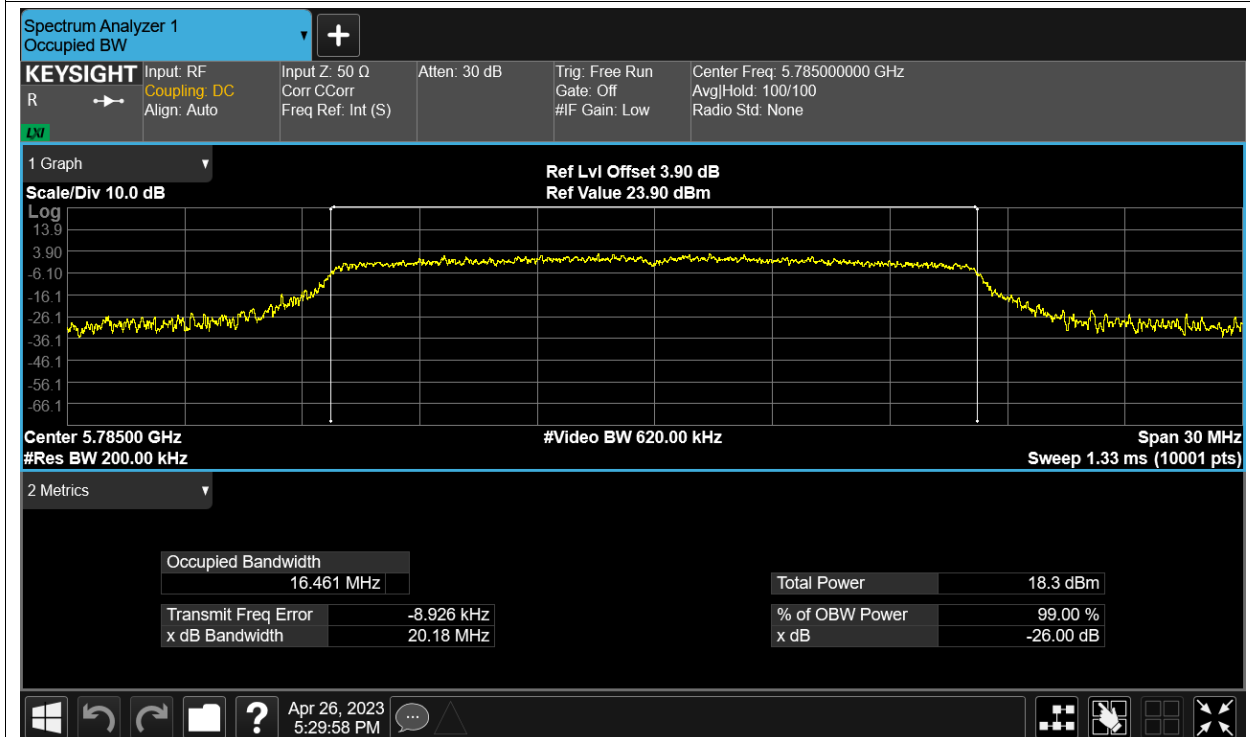
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant6	16.519
NVNT	a	5785	Ant6	16.461
NVNT	a	5825	Ant6	16.47
NVNT	ac20	5745	Ant6	17.569
NVNT	ac20	5785	Ant6	17.592
NVNT	ac20	5825	Ant6	17.582
NVNT	ac40	5755	Ant6	36.007
NVNT	ac40	5795	Ant6	35.975
NVNT	ac80	5775	Ant6	75.16
NVNT	n20	5745	Ant6	16.439
NVNT	n20	5785	Ant6	16.424
NVNT	n20	5825	Ant6	16.447
NVNT	n40	5755	Ant6	36.042
NVNT	n40	5795	Ant6	36.011

Test Graphs

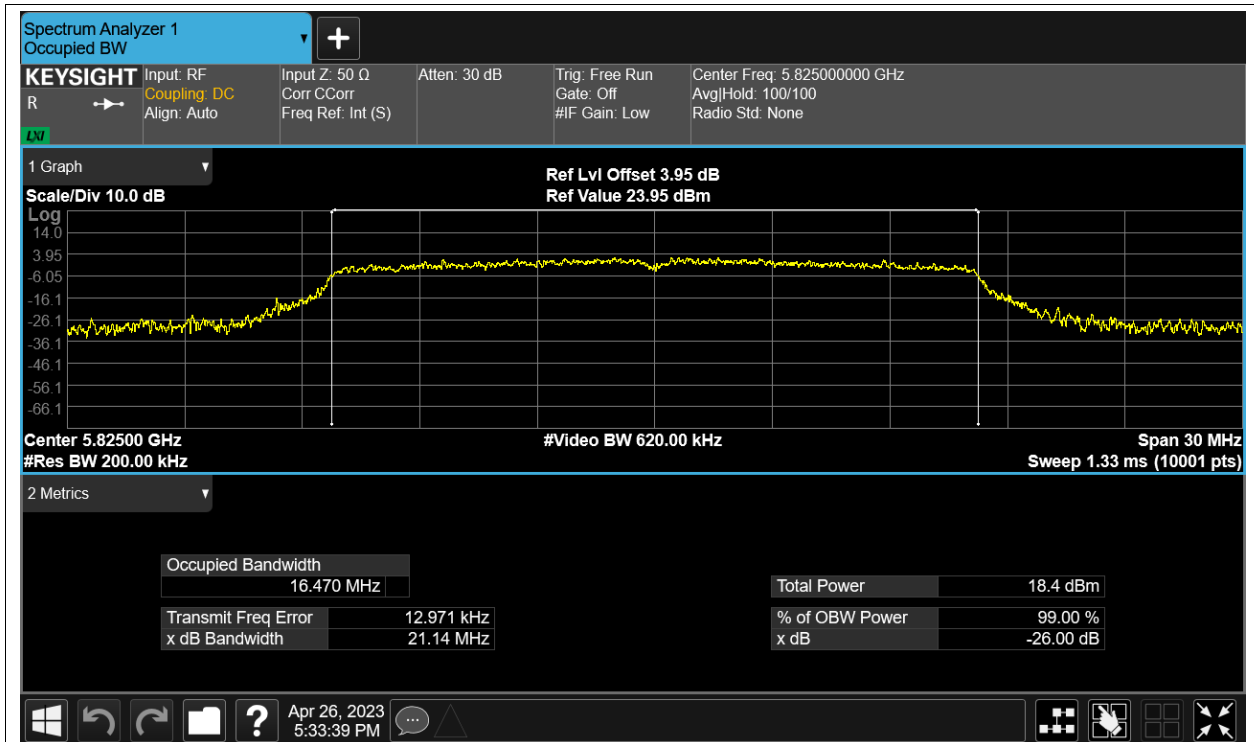
OBW NVNT a 5745MHz Ant6



OBW NVNT a 5785MHz Ant6



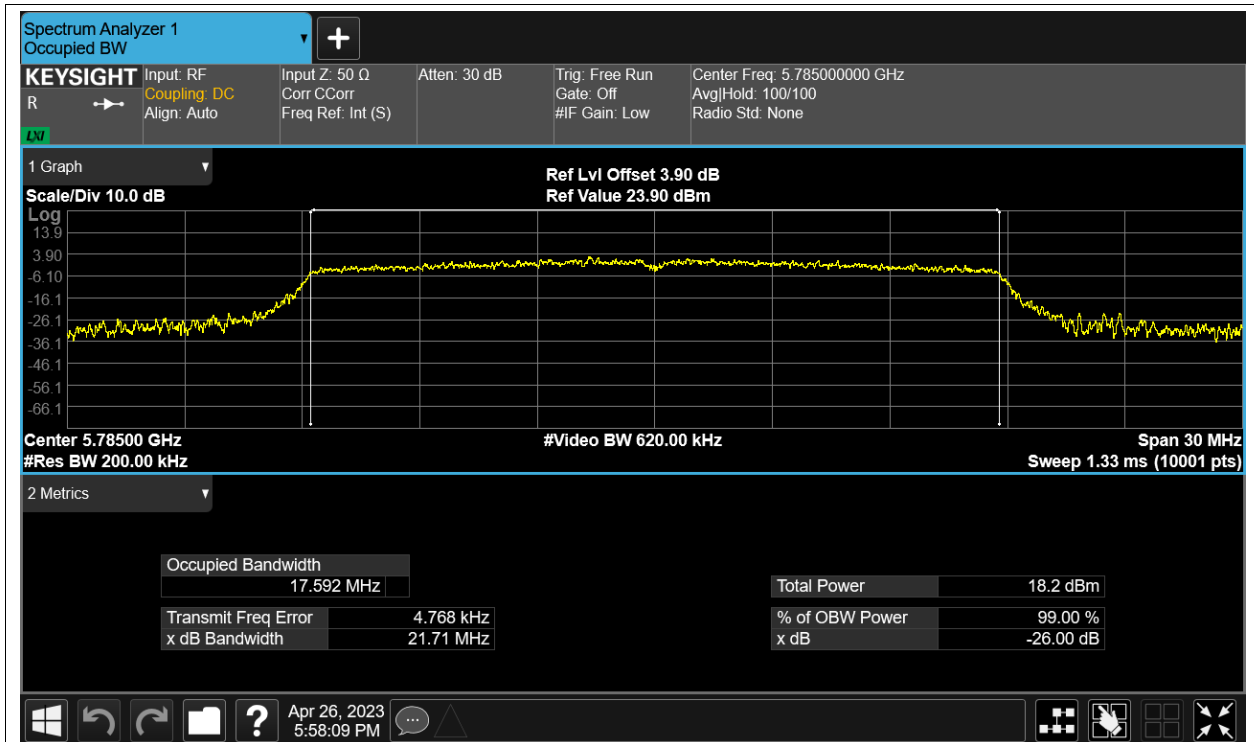
OBW NVNT a 5825MHz Ant6



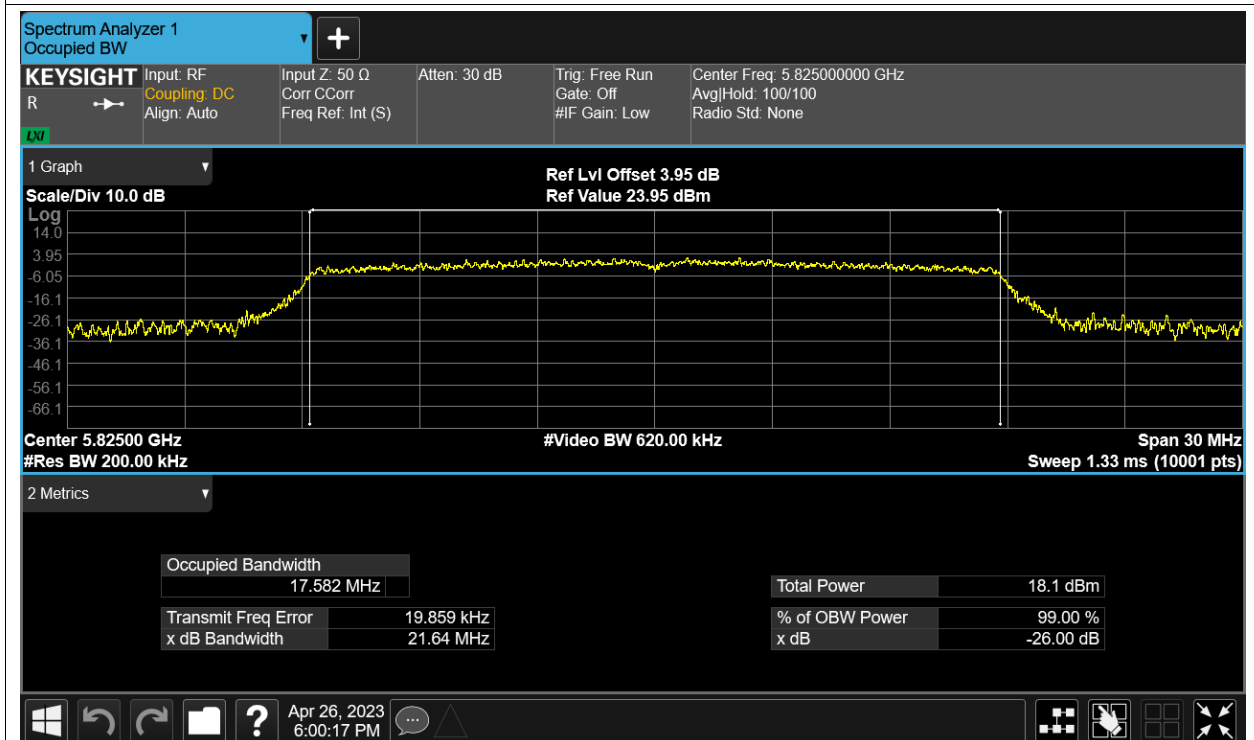
OBW NVNT ac20 5745MHz Ant6



OBW NVNT ac20 5785MHz Ant6



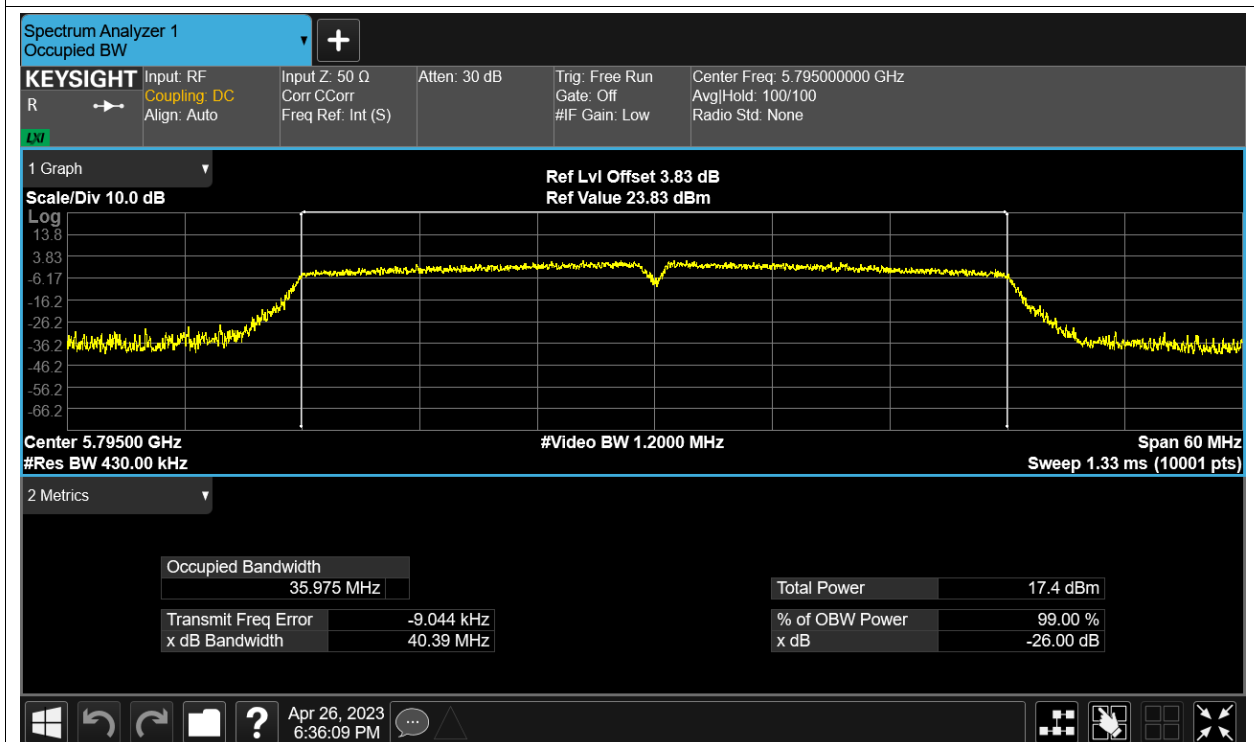
OBW NVNT ac20 5825MHz Ant6



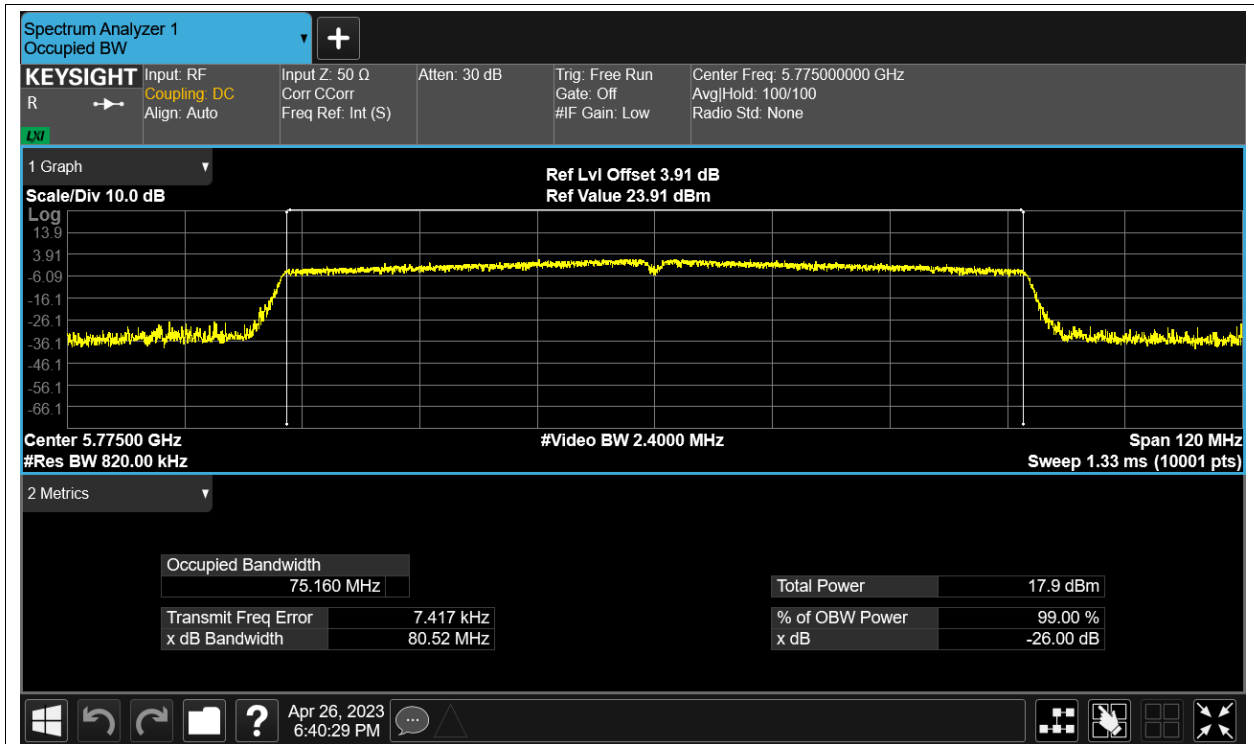
OBW NVNT ac40 5755MHz Ant6



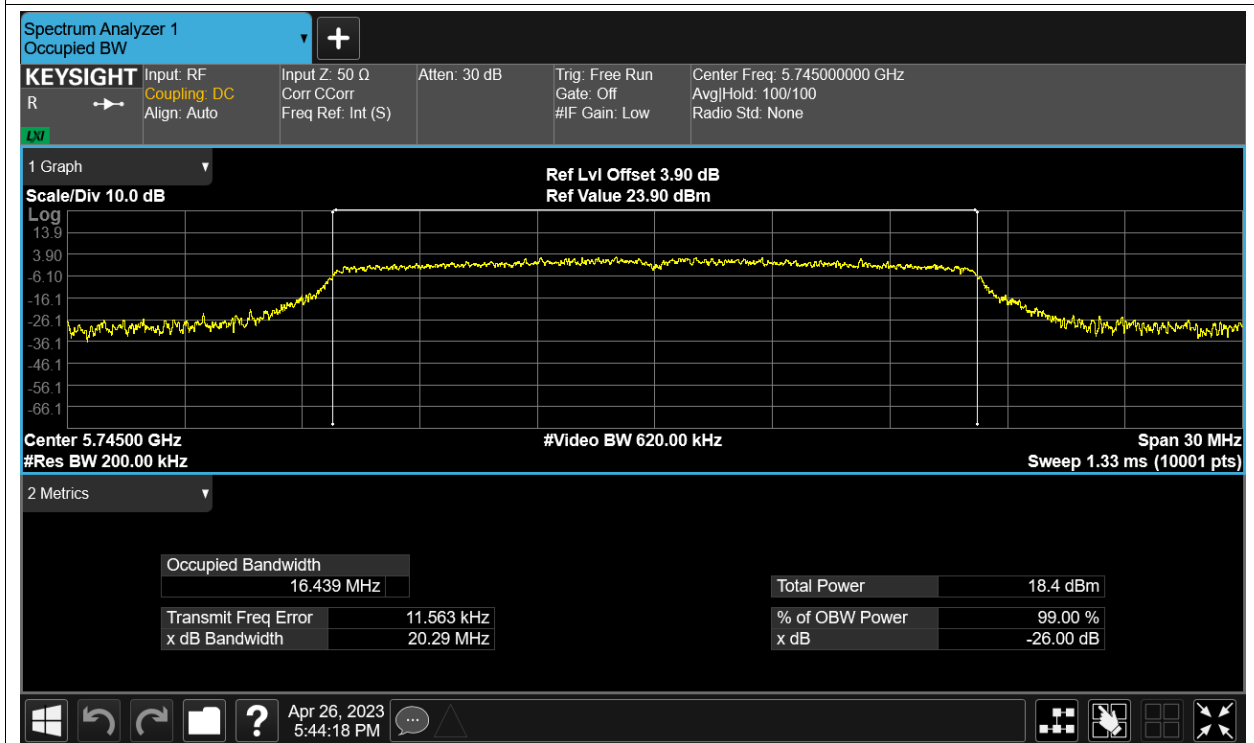
OBW NVNT ac40 5795MHz Ant6



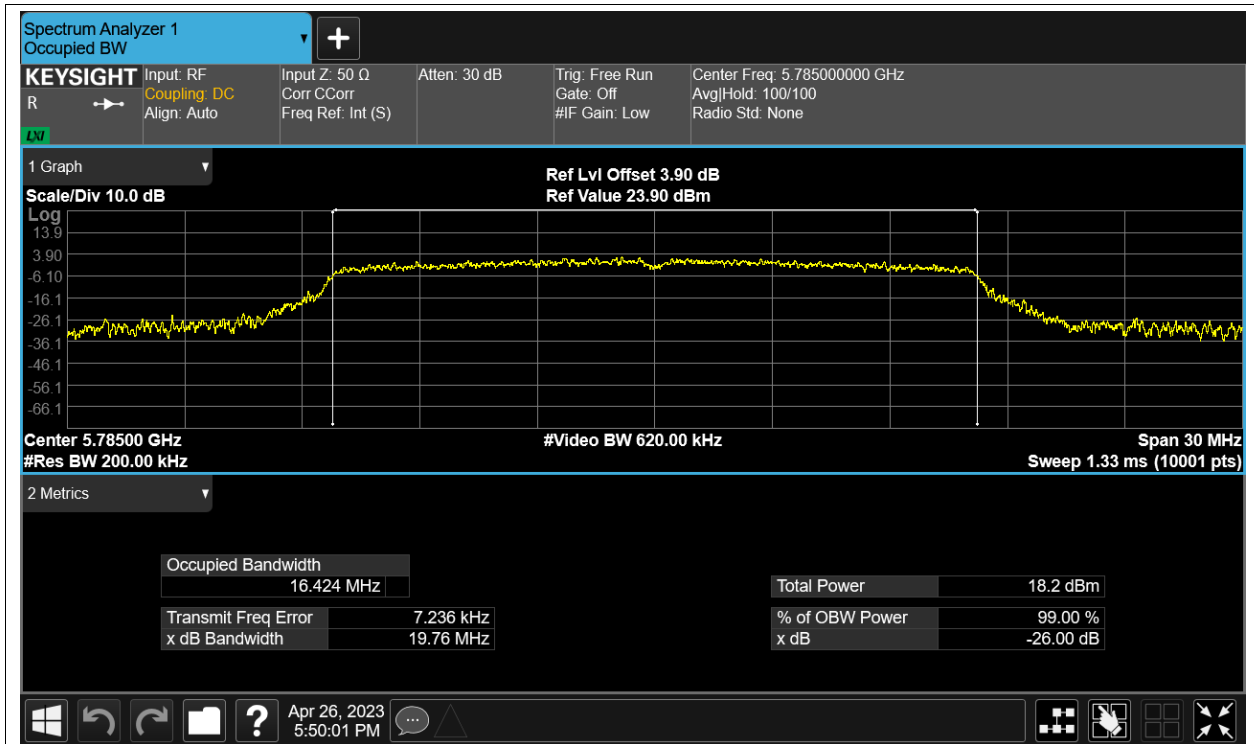
OBW NVNT ac80 5775MHz Ant6



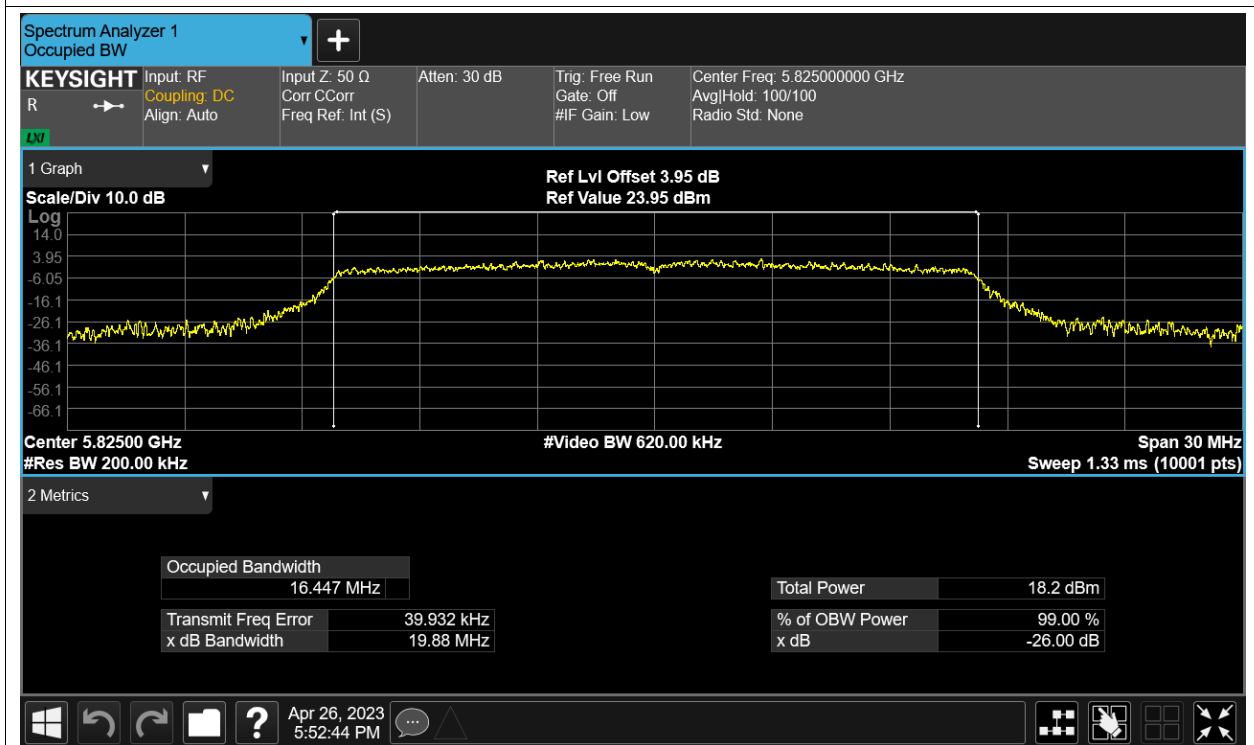
OBW NVNT n20 5745MHz Ant6



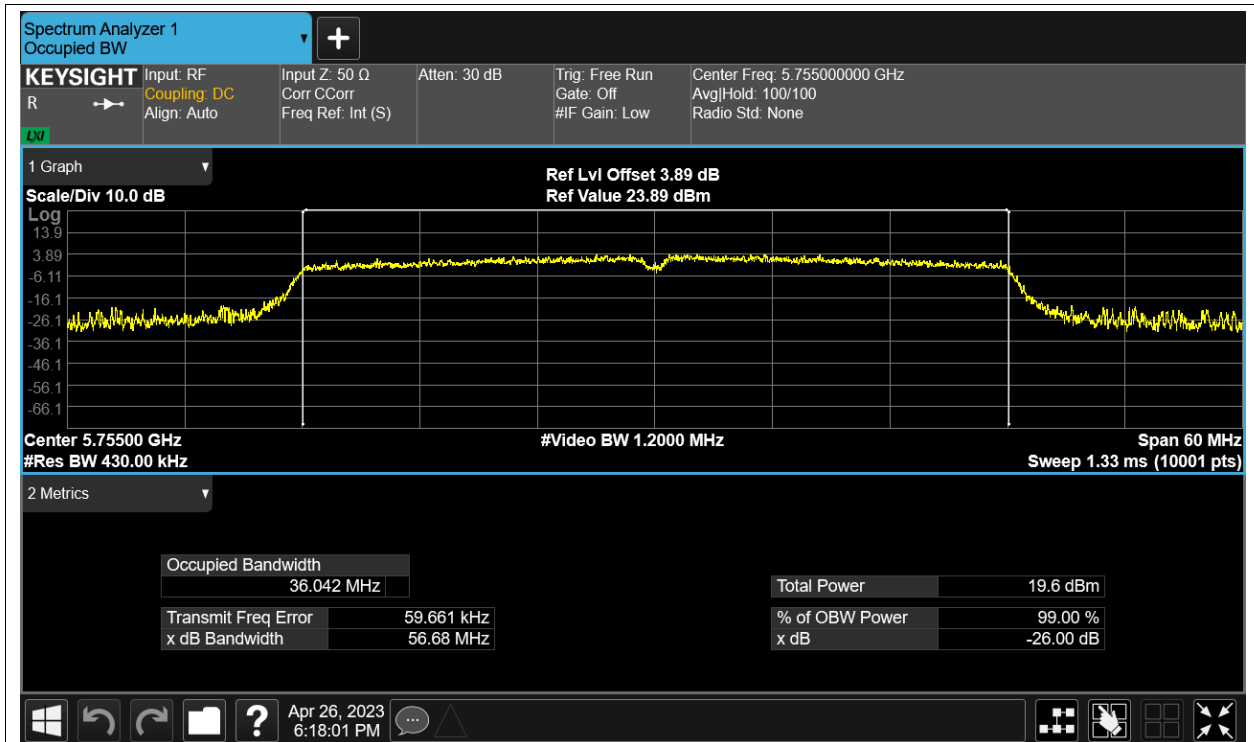
OBW NVNT n20 5785MHz Ant6



OBW NVNT n20 5825MHz Ant6



OBW NVNT n40 5755MHz Ant6



OBW NVNT n40 5795MHz Ant6

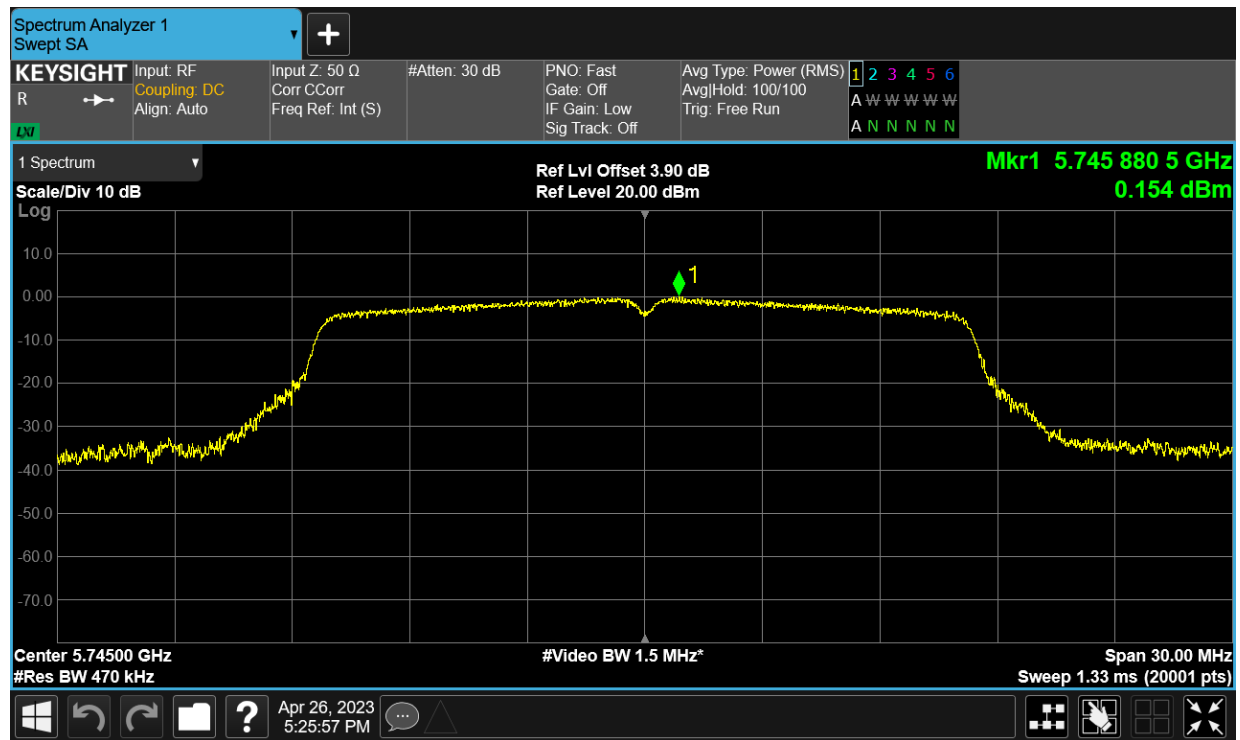


Maximum Power Spectral Density Level

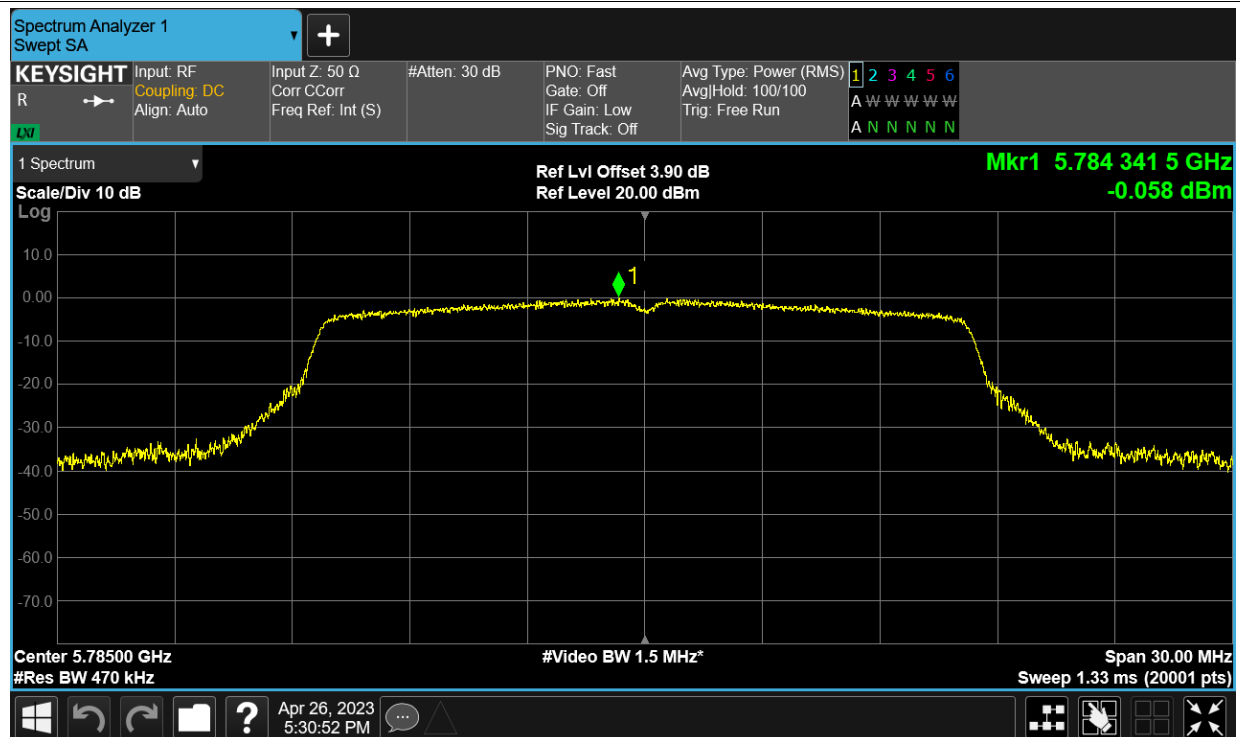
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant6	0.154	30	Pass
NVNT	a	5785	Ant6	-0.058	30	Pass
NVNT	a	5825	Ant6	0.22	30	Pass
NVNT	ac20	5745	Ant6	-1.268	30	Pass
NVNT	ac20	5785	Ant6	-1.365	30	Pass
NVNT	ac20	5825	Ant6	-1.548	30	Pass
NVNT	ac40	5755	Ant6	-3.916	30	Pass
NVNT	ac40	5795	Ant6	-4.094	30	Pass
NVNT	ac80	5775	Ant6	-7.591	30	Pass
NVNT	n20	5745	Ant6	-0.152	30	Pass
NVNT	n20	5785	Ant6	-0.232	30	Pass
NVNT	n20	5825	Ant6	-0.226	30	Pass
NVNT	n40	5755	Ant6	-2.398	30	Pass
NVNT	n40	5795	Ant6	-2.76	30	Pass

Test Graphs

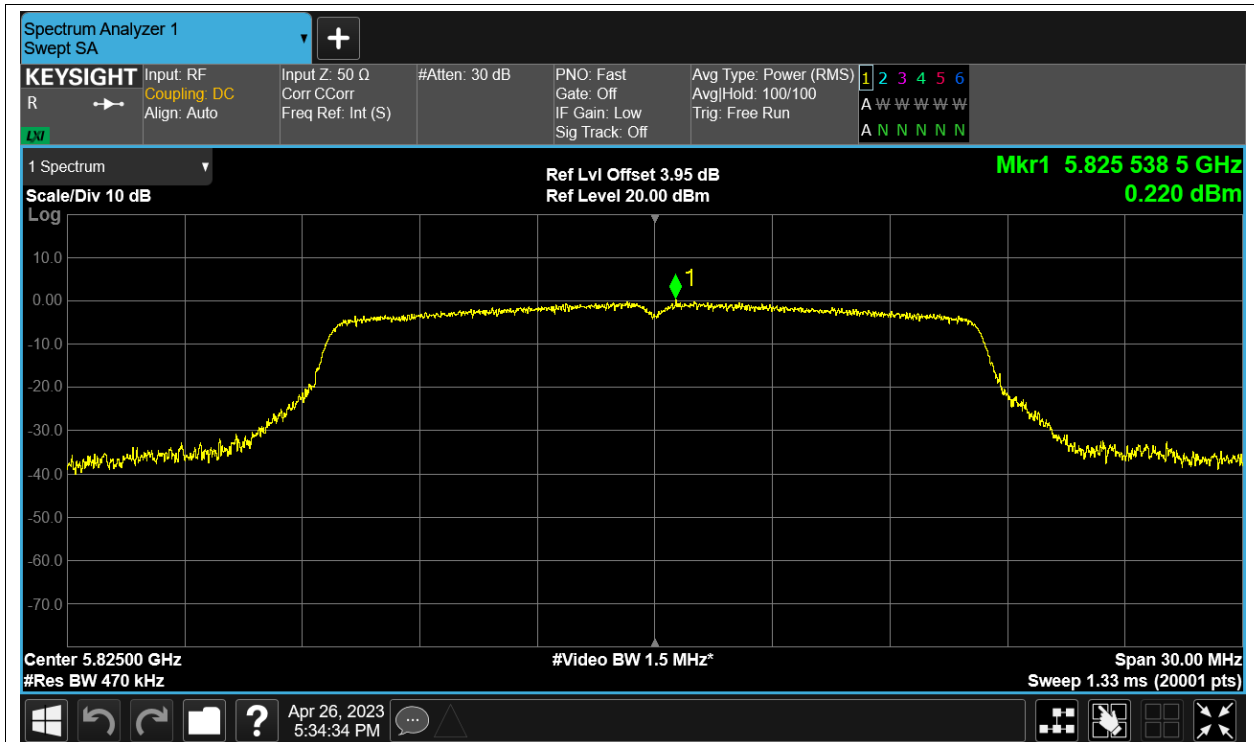
PSD NVNT a 5745MHz Ant6



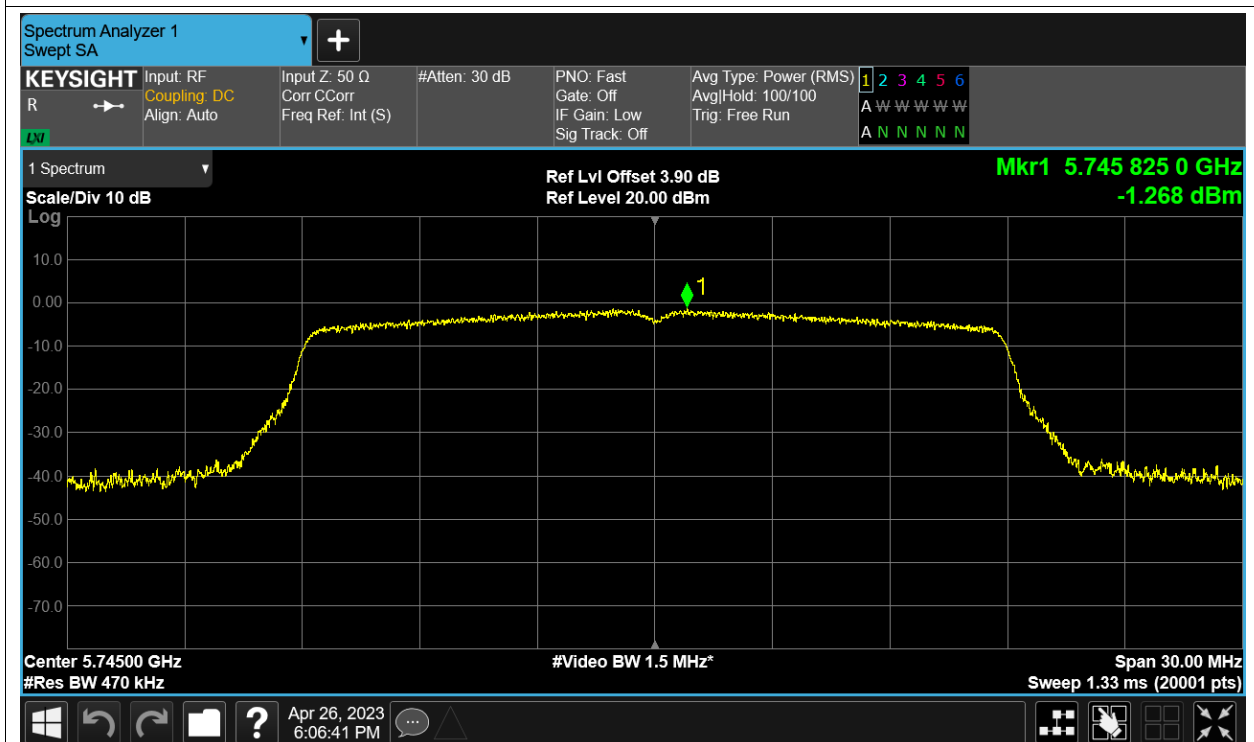
PSD NVNT a 5785MHz Ant6



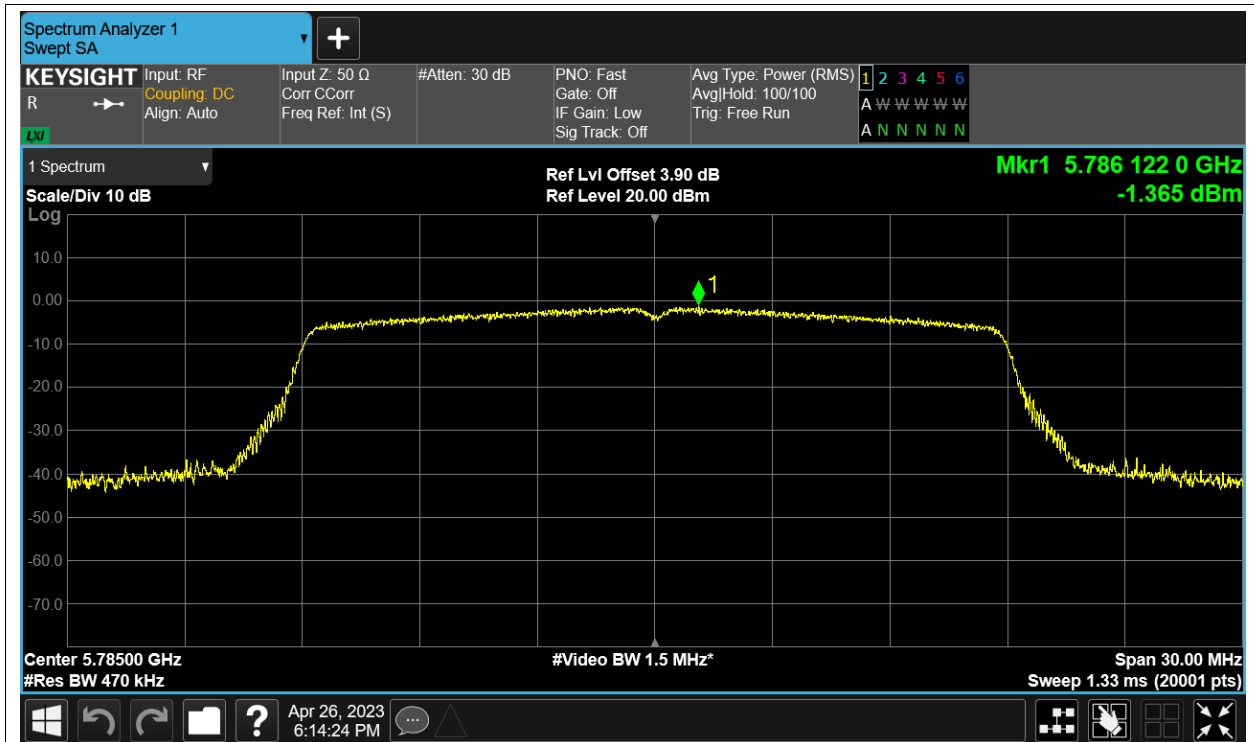
PSD NVNT a 5825MHz Ant6



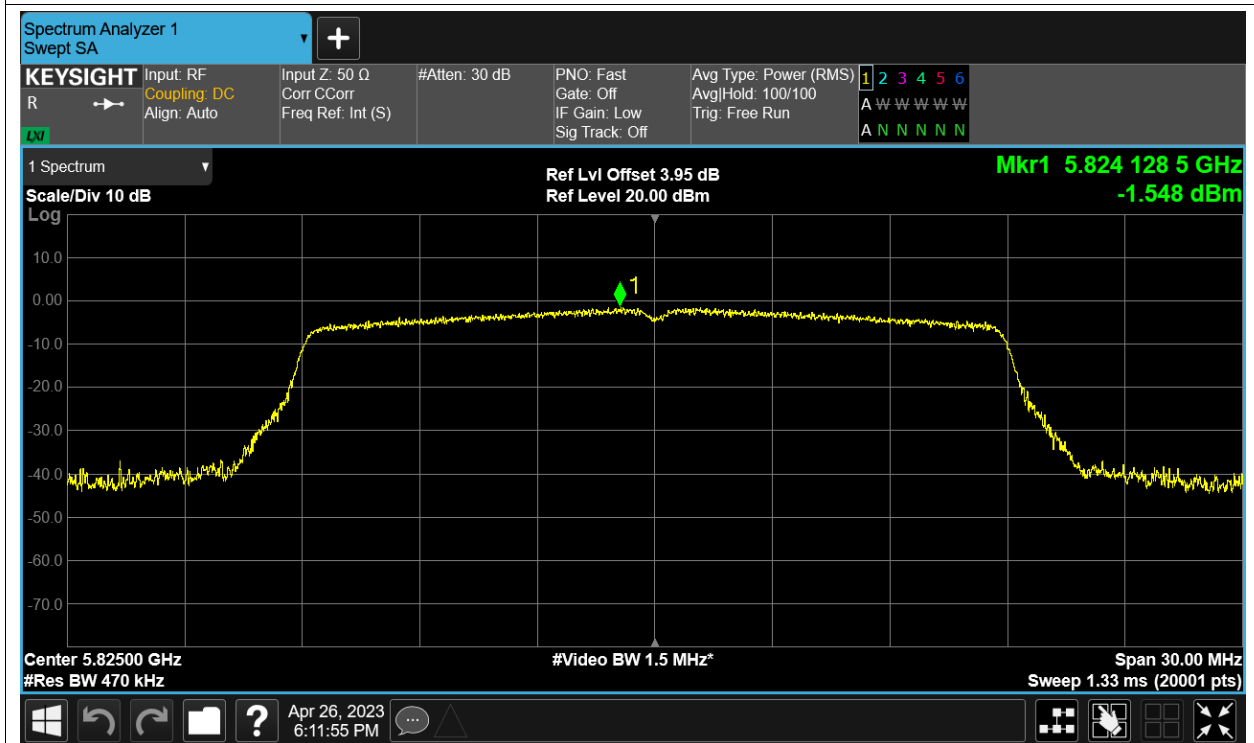
PSD NVNT ac20 5745MHz Ant6



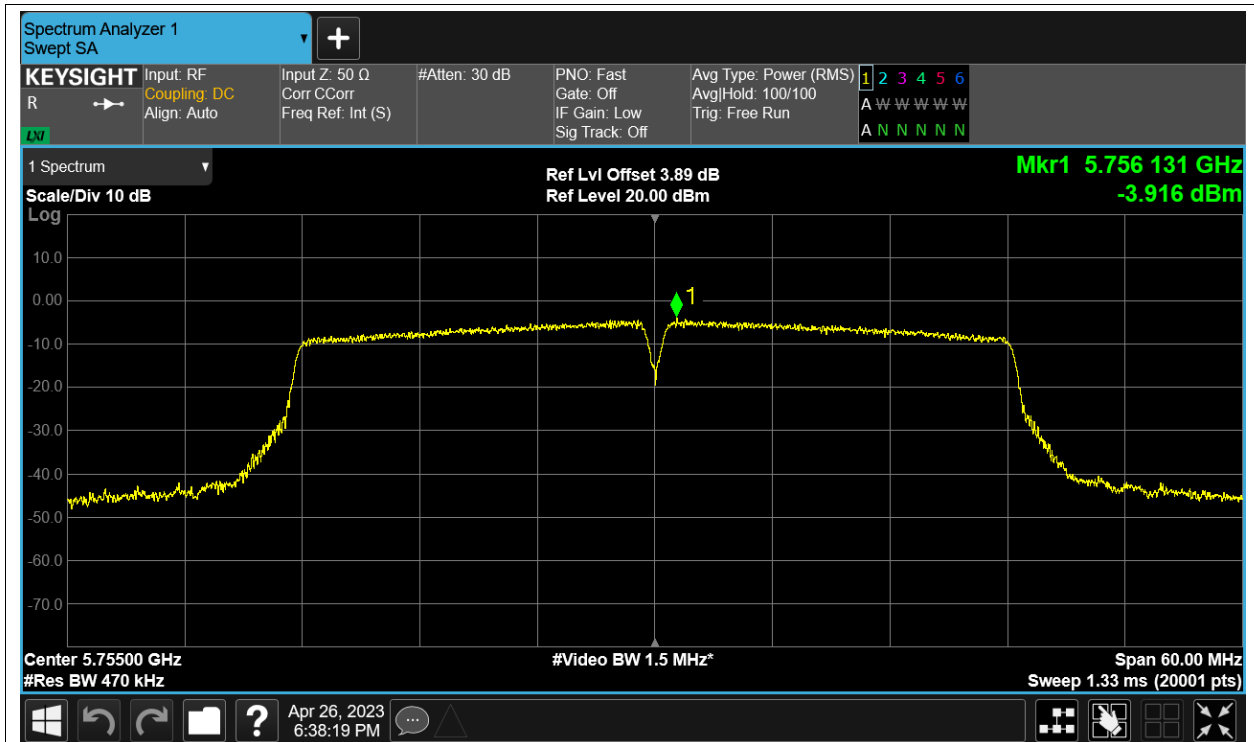
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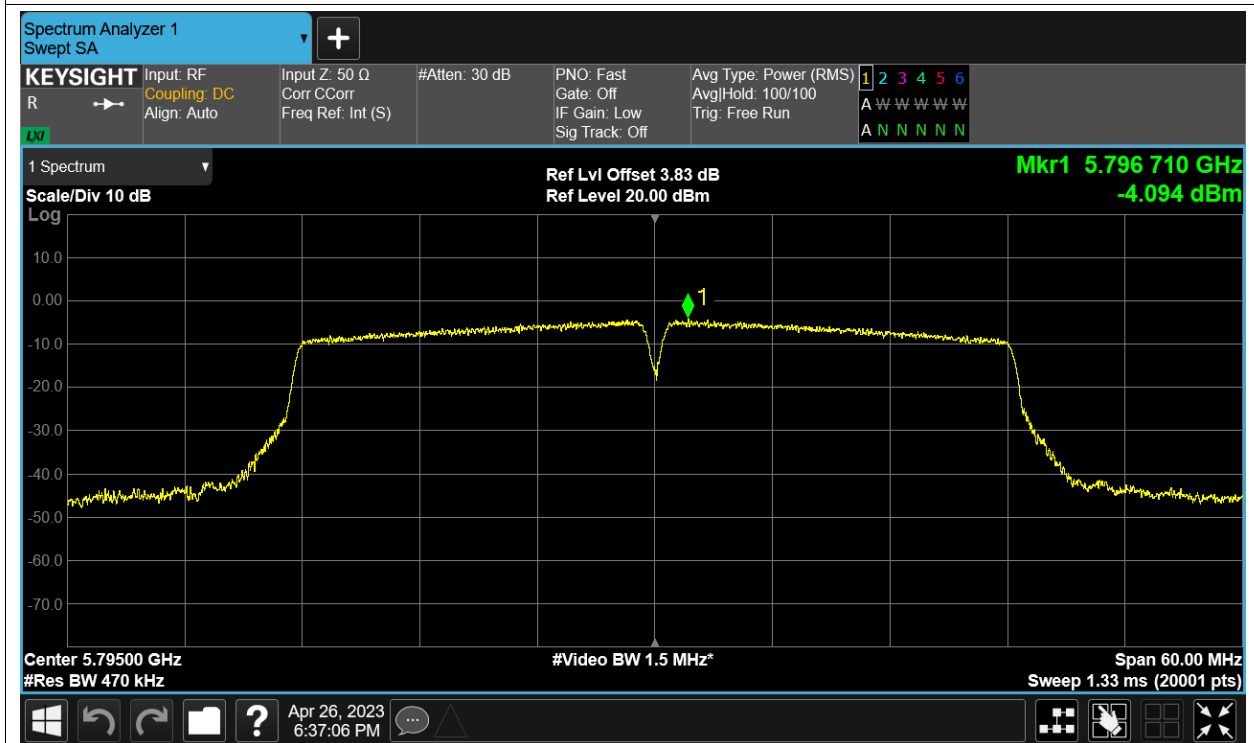
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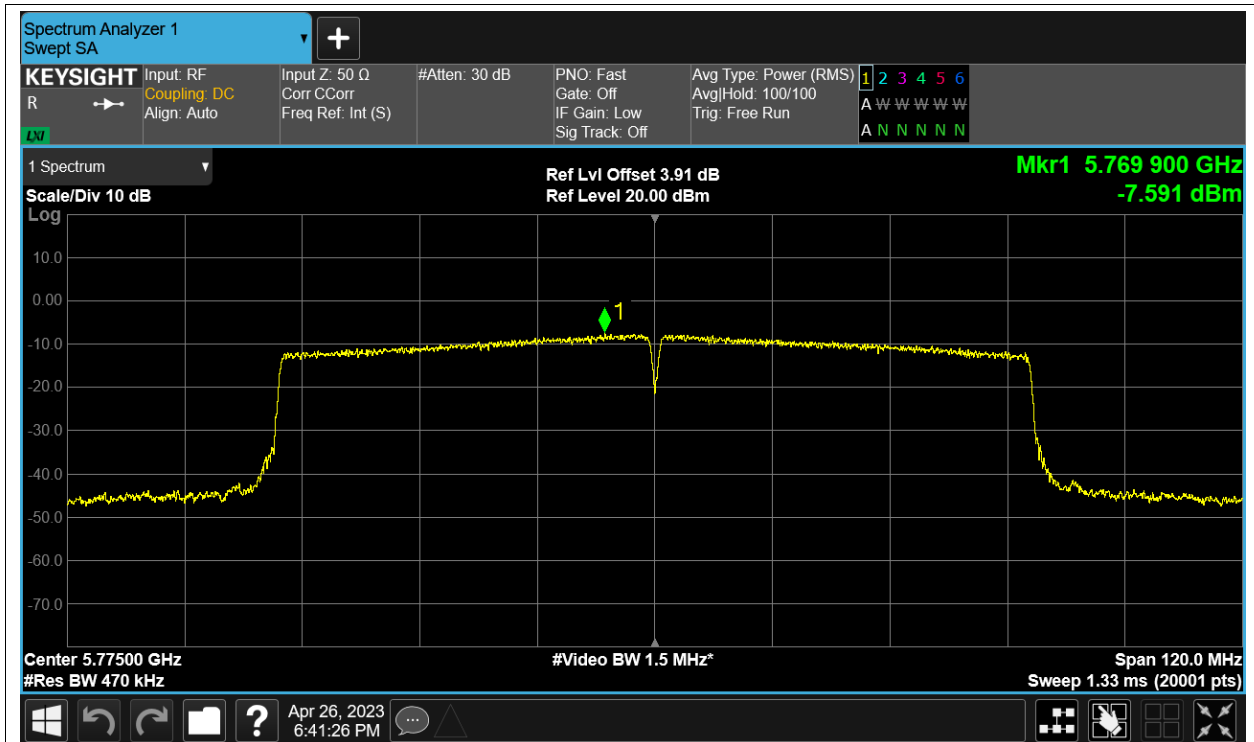
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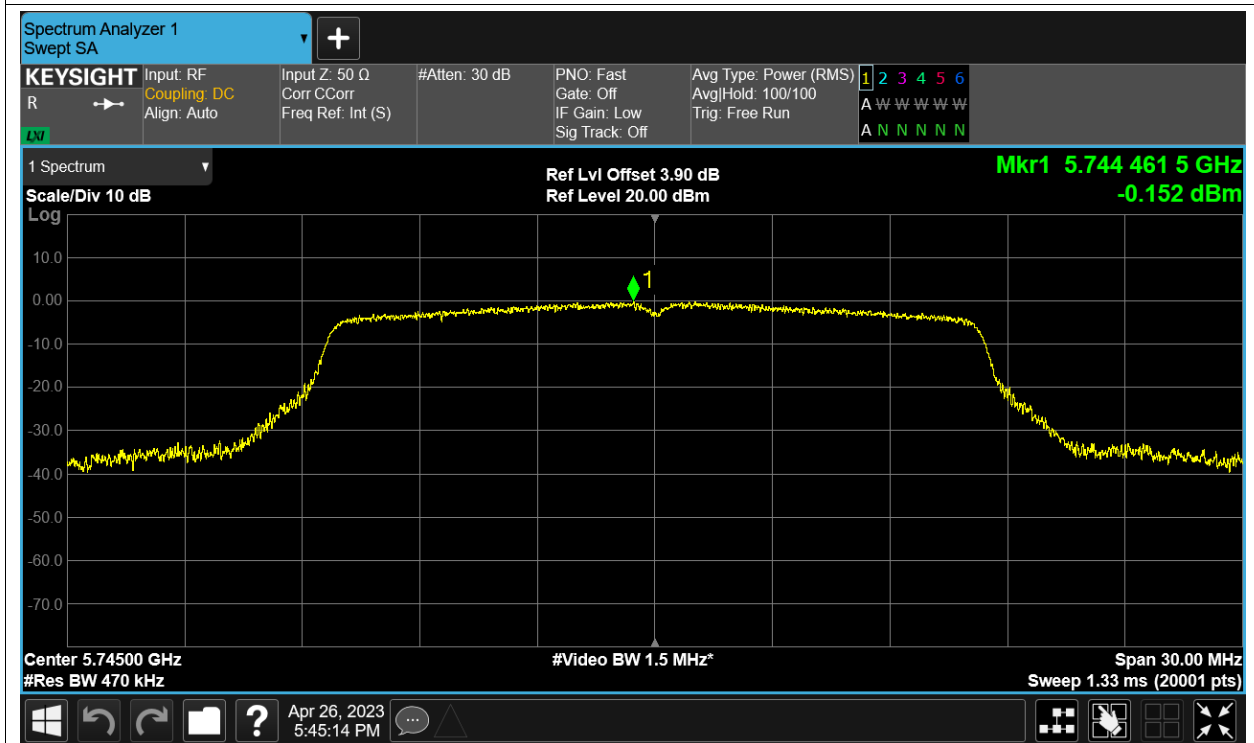
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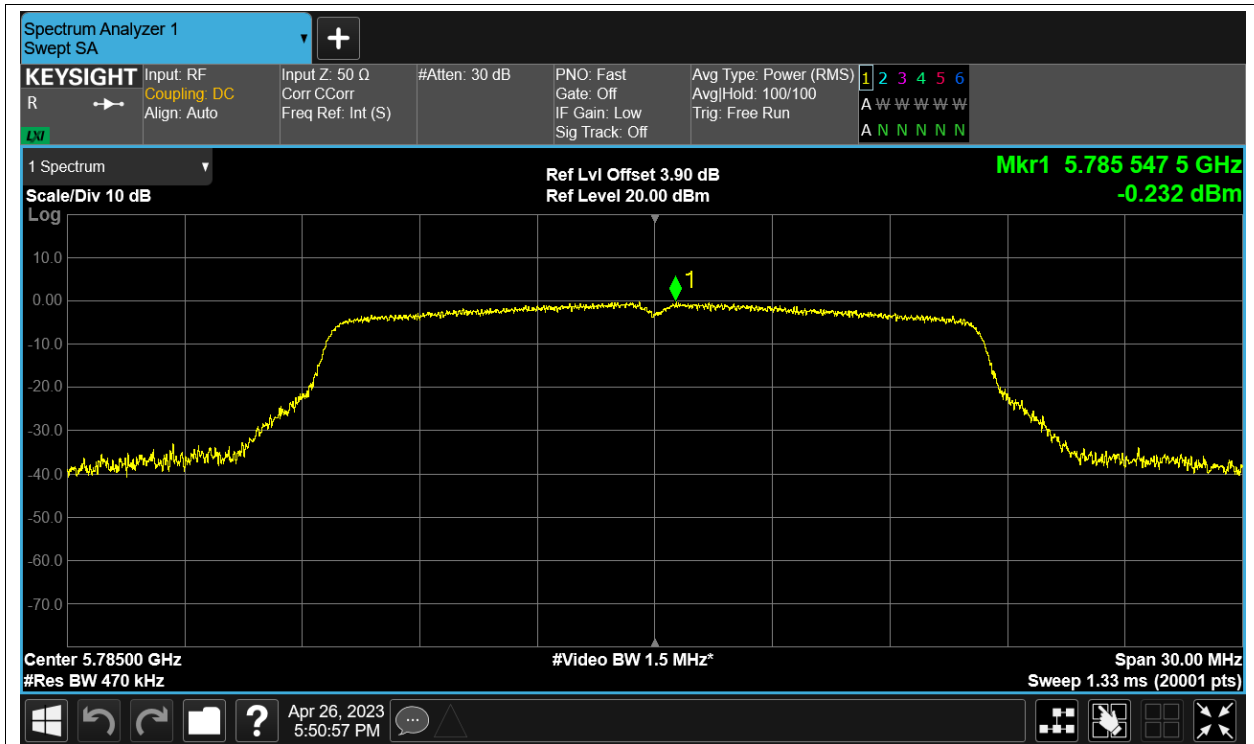
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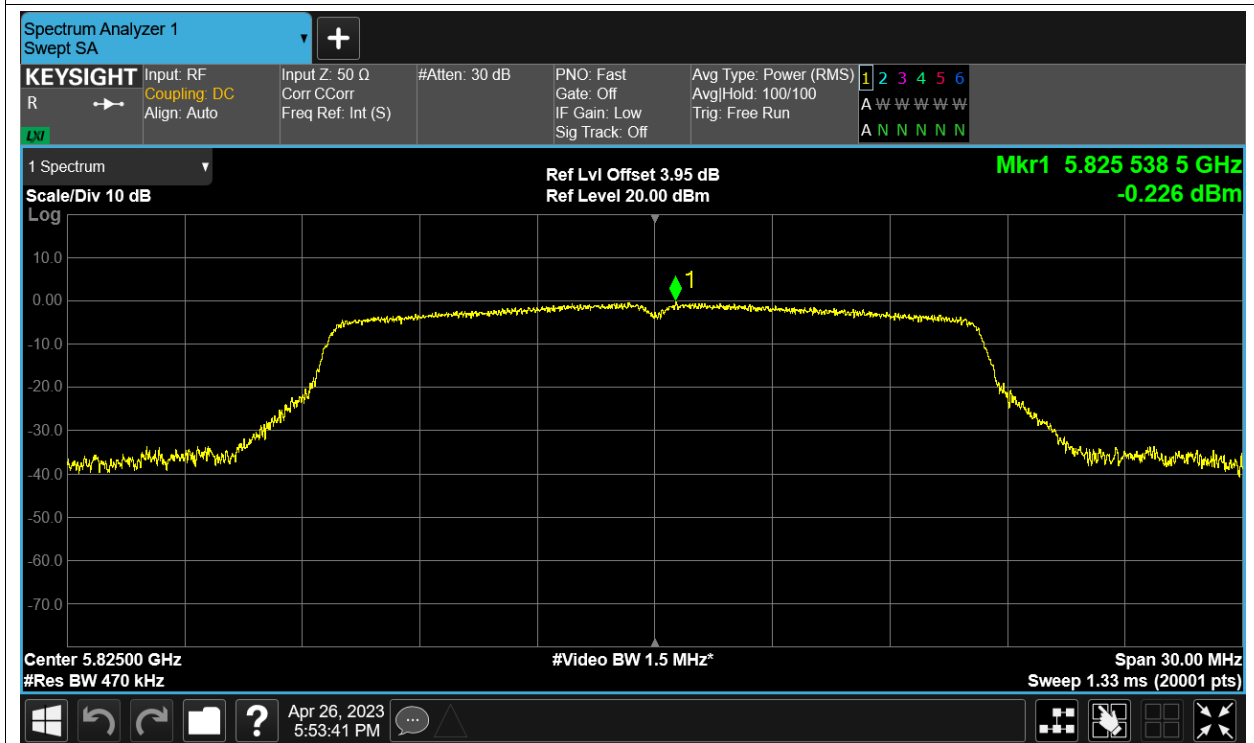
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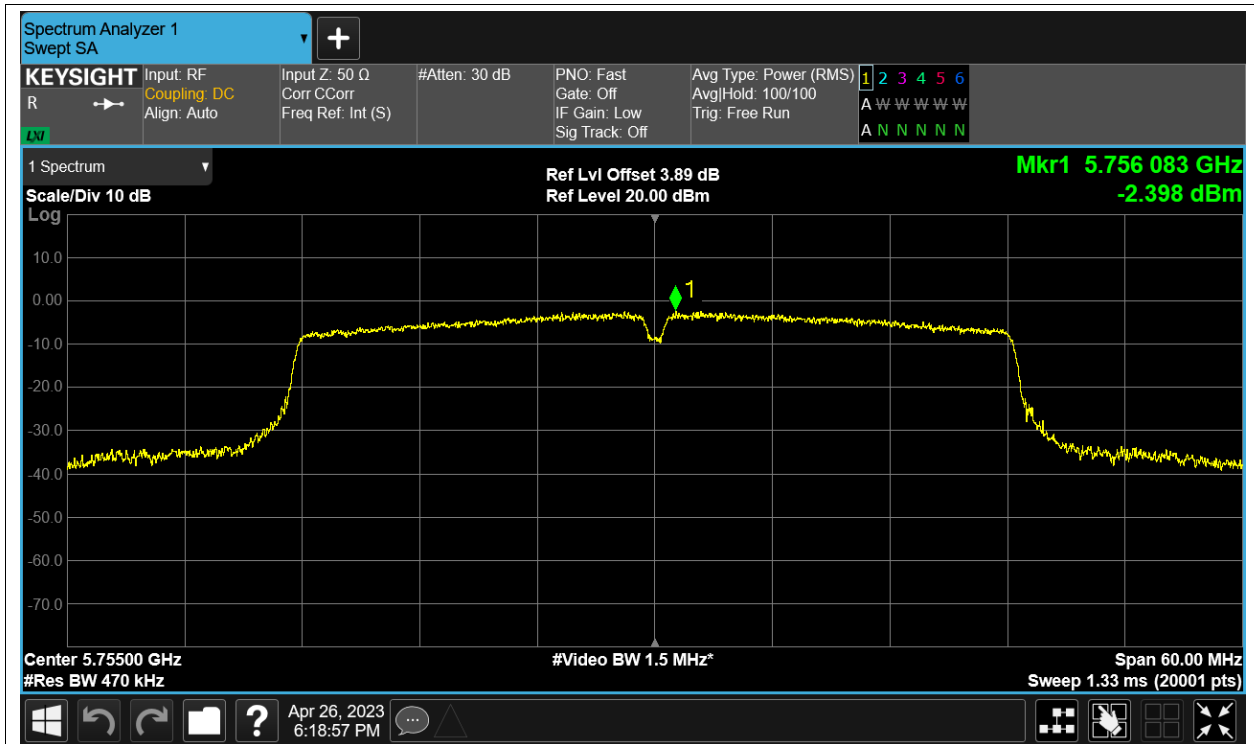
PSD NVNT n20 5785MHz Ant6



PSD NVNT n20 5825MHz Ant6



PSD NVNT n40 5755MHz Ant6



PSD NVNT n40 5795MHz Ant6

