

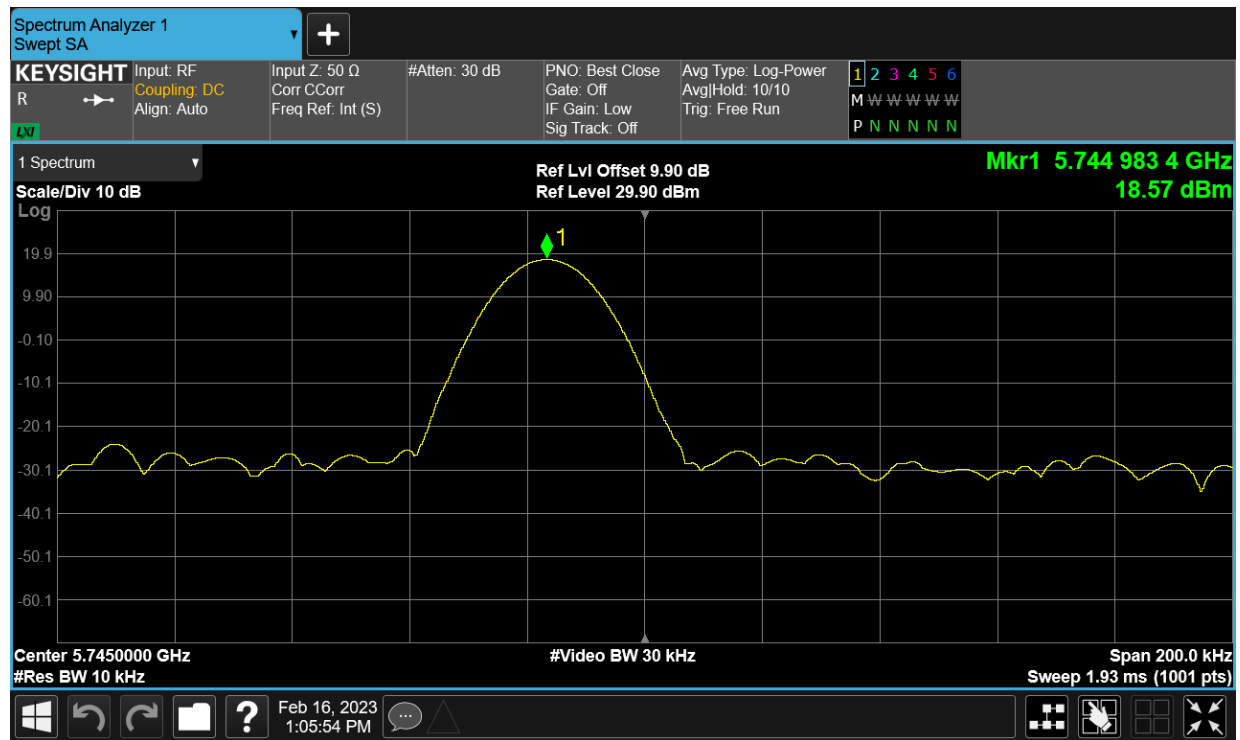
Test Data

Frequency Stability

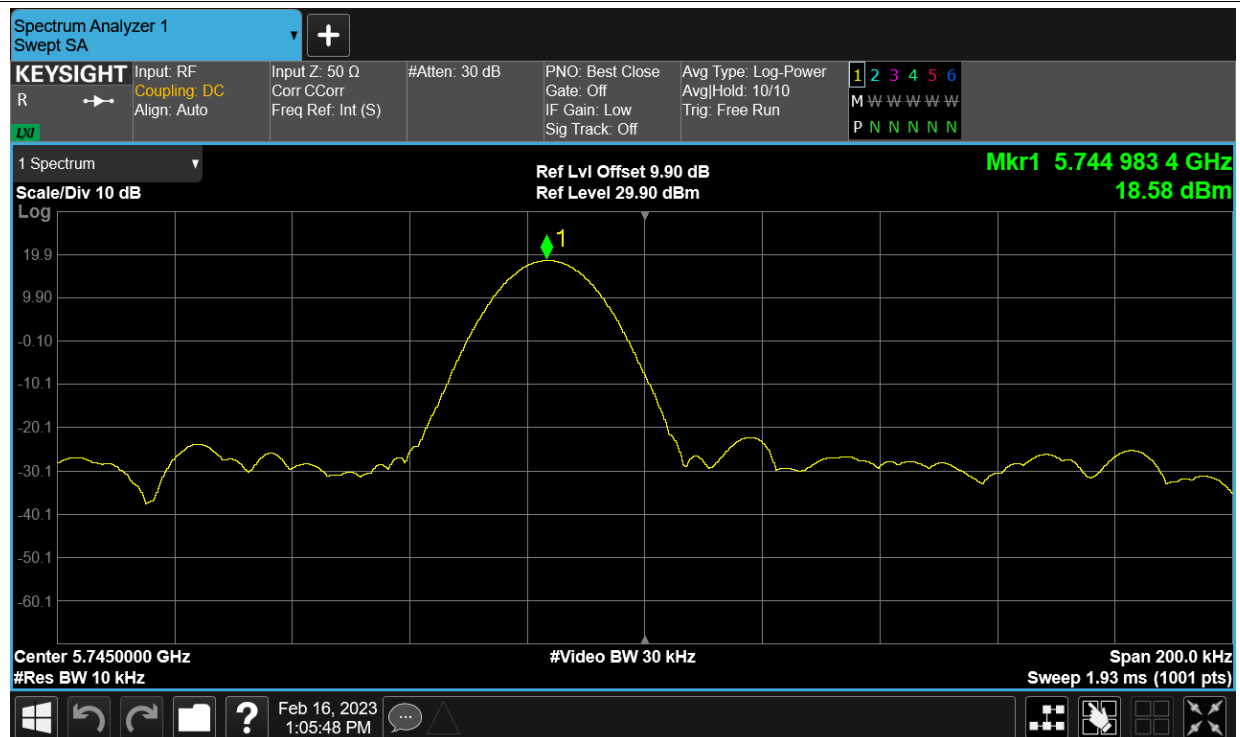
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant2	5744.9834	-2.89	Within authorized band	Pass
LVNT	a	5745	Ant2	5744.9834	-2.89		Pass
NVHT	a	5745	Ant2	5744.9836	-2.85		Pass
NVLT	a	5745	Ant2	5744.9838	-2.82		Pass
NVNT	a	5745	Ant2	5744.984	-2.79		Pass
HVNT	ac80	5775	Ant2	5774.985	-2.6		Pass
LVNT	ac80	5775	Ant2	5774.9826	-3.01		Pass
NVHT	ac80	5775	Ant2	5774.9826	-3.01		Pass
NVLT	ac80	5775	Ant2	5774.9828	-2.98		Pass
NVNT	ac80	5775	Ant2	5774.9832	-2.91		Pass
HVNT	n40	5755	Ant2	5754.984	-2.78		Pass
LVNT	n40	5755	Ant2	5754.9842	-2.75		Pass
NVHT	n40	5755	Ant2	5754.9844	-2.71		Pass
NVLT	n40	5755	Ant2	5754.9846	-2.68		Pass
NVNT	n40	5755	Ant2	5754.9846	-2.68		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

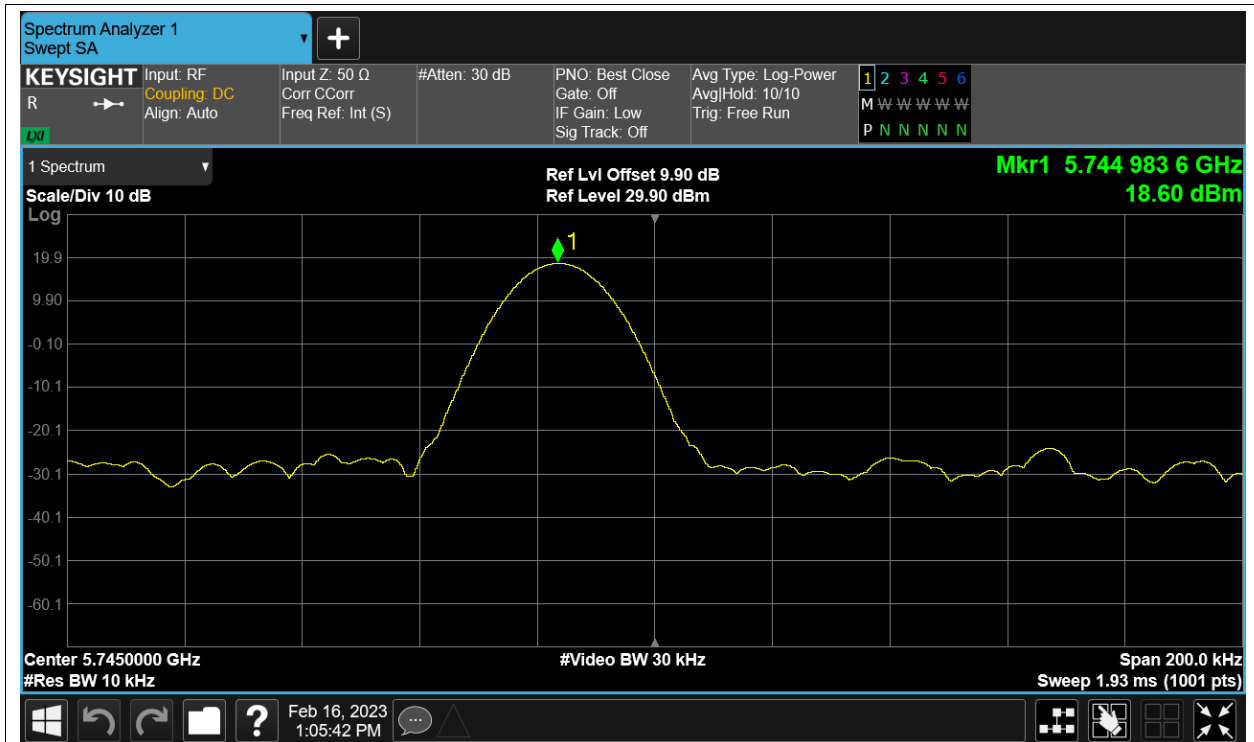
Freq. Stability HVNT a 5745MHz Ant2



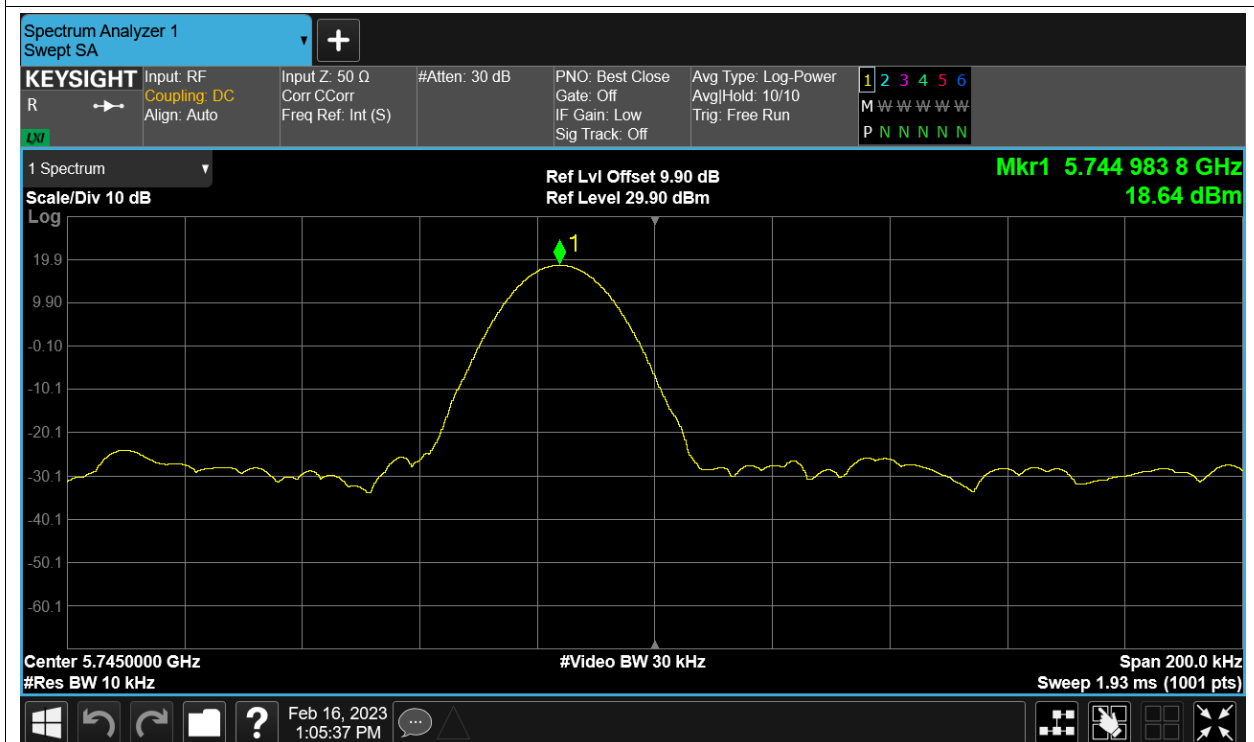
Freq. Stability LVNT a 5745MHz Ant2



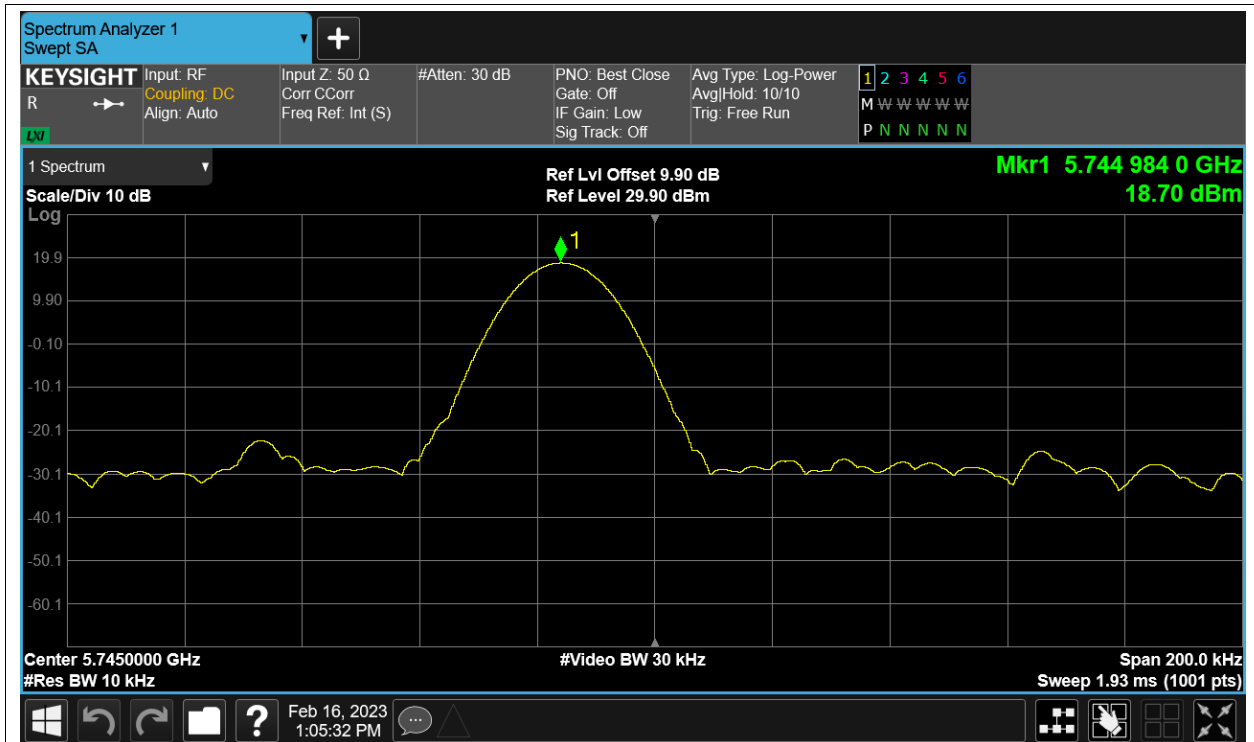
Freq. Stability NVHT a 5745MHz Ant2



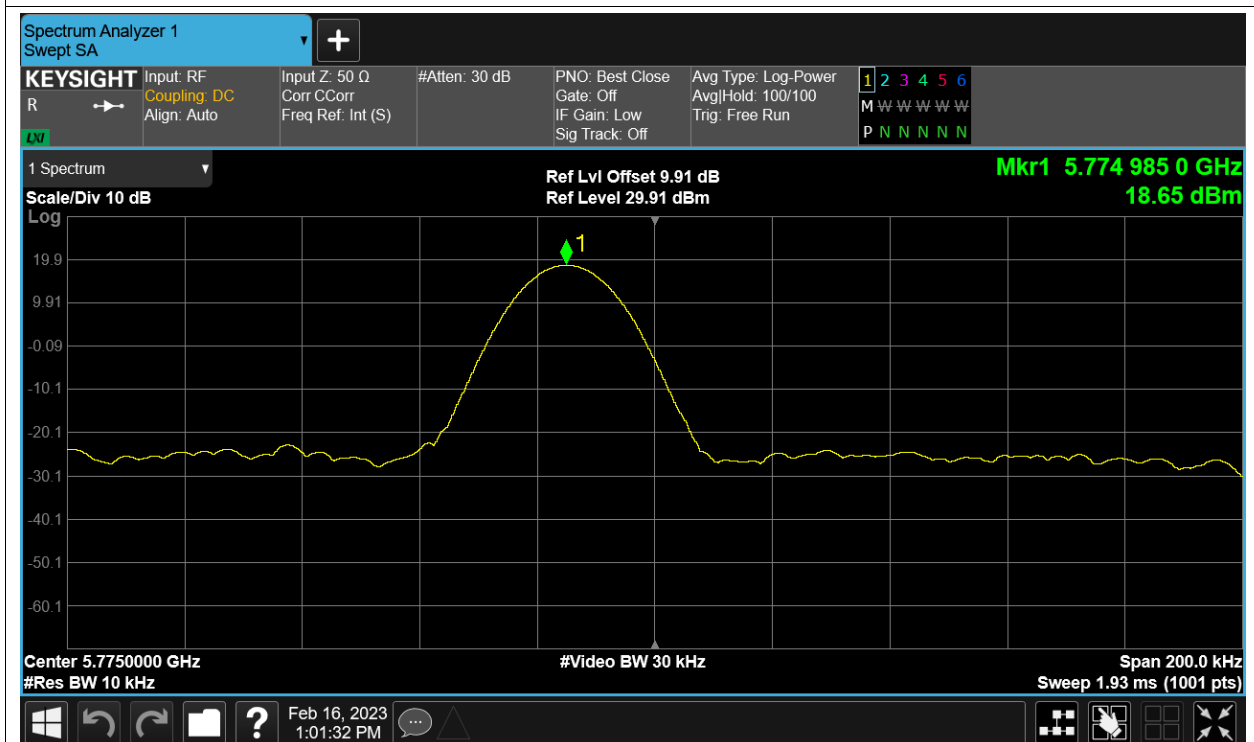
Freq. Stability NVLT a 5745MHz Ant2



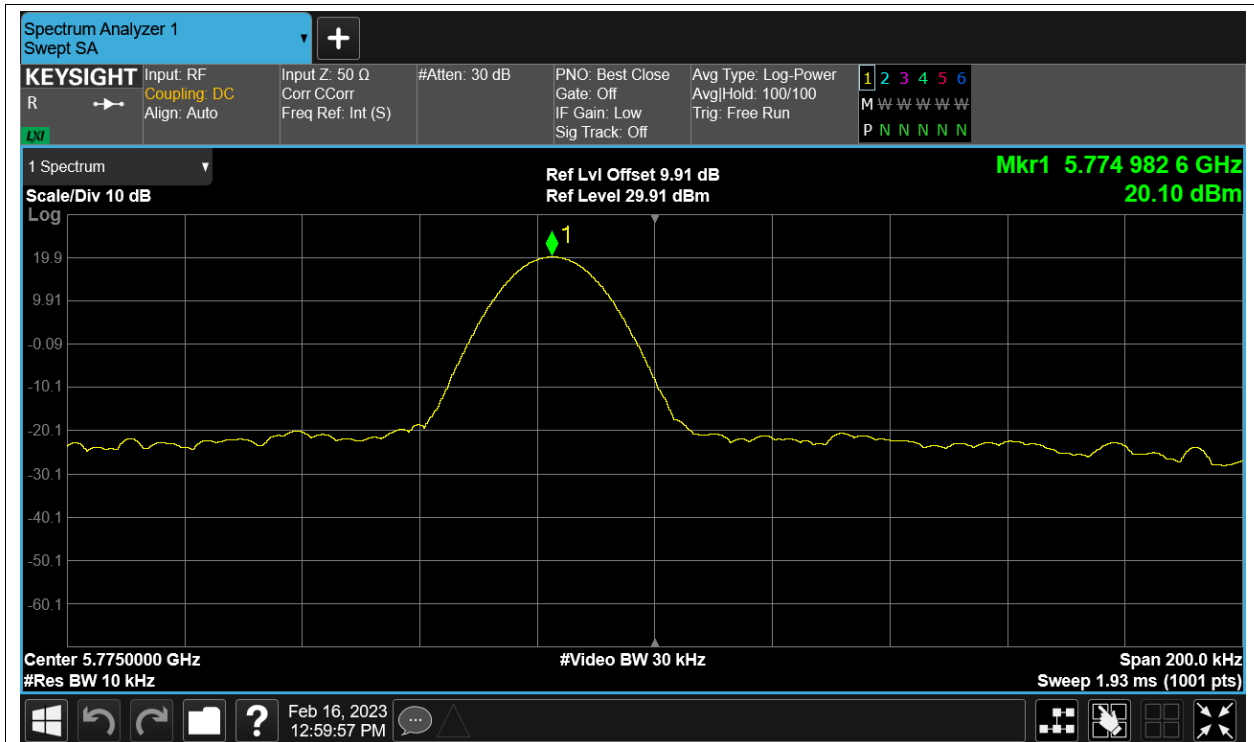
Freq. Stability NVNT a 5745MHz Ant2



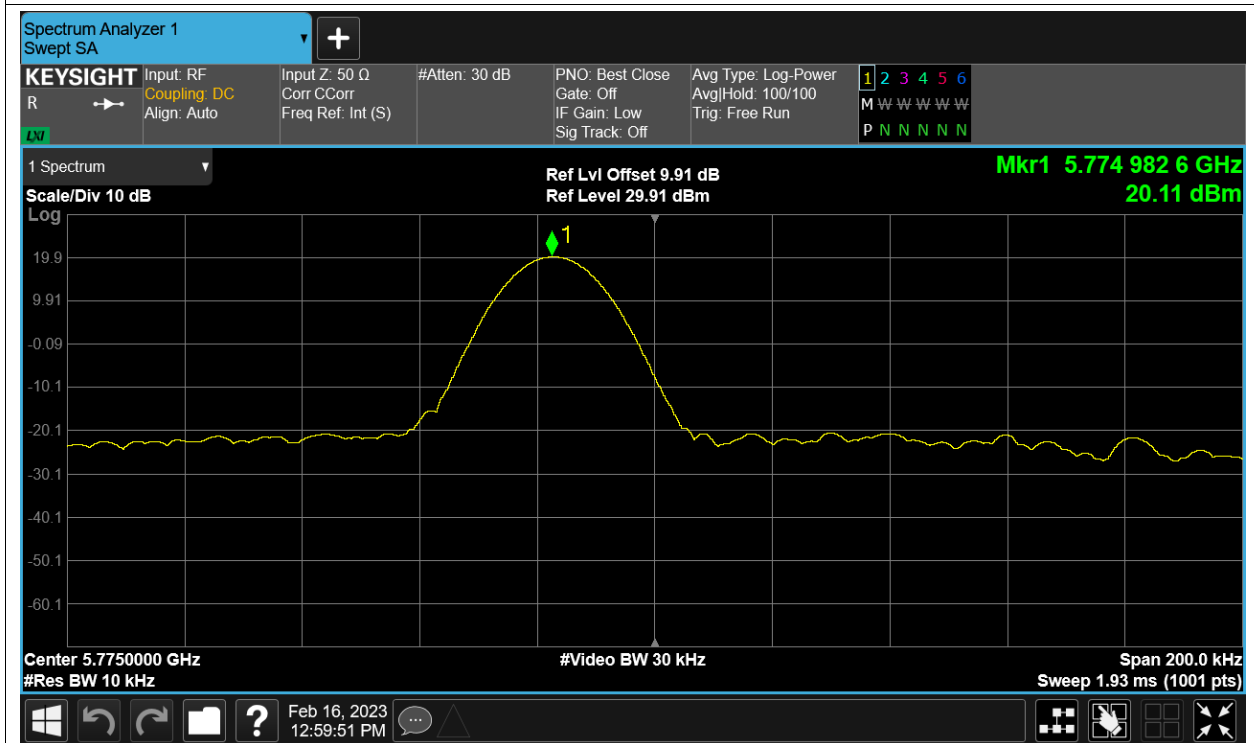
Freq. Stability HVNT ac80 5775MHz Ant2



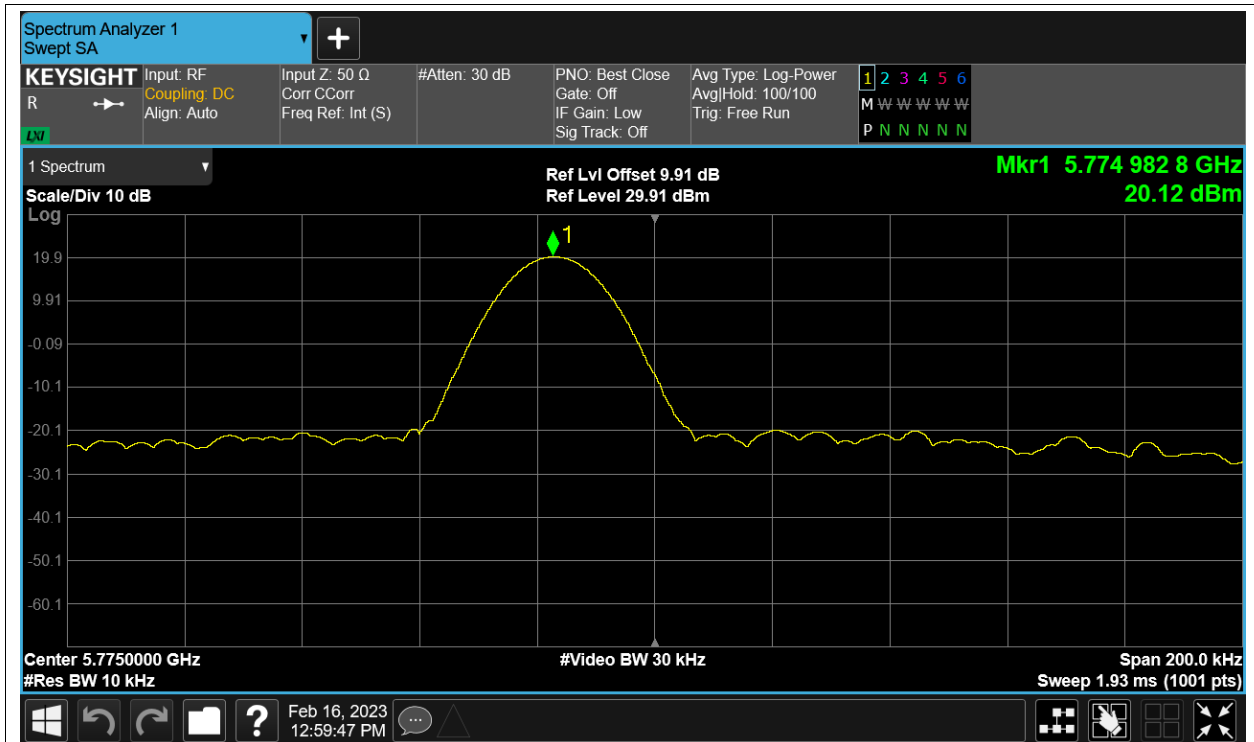
Freq. Stability LVNT ac80 5775MHz Ant2



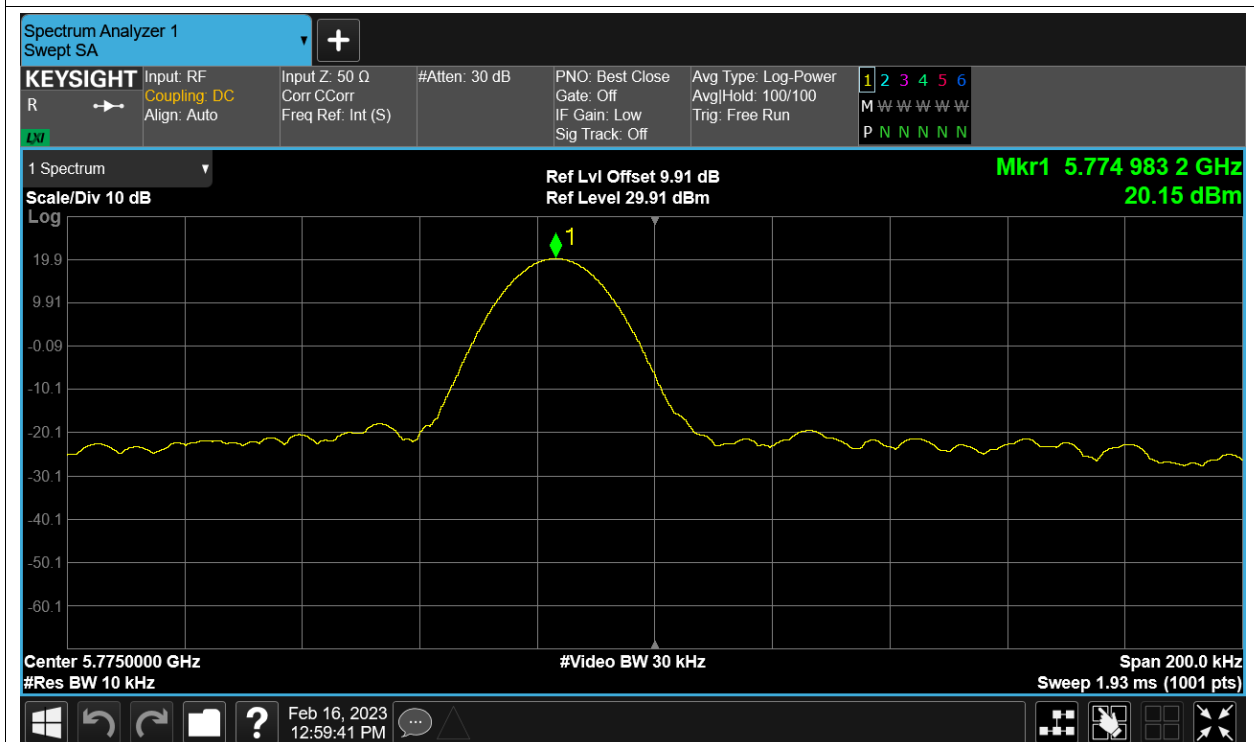
Freq. Stability NVHT ac80 5775MHz Ant2



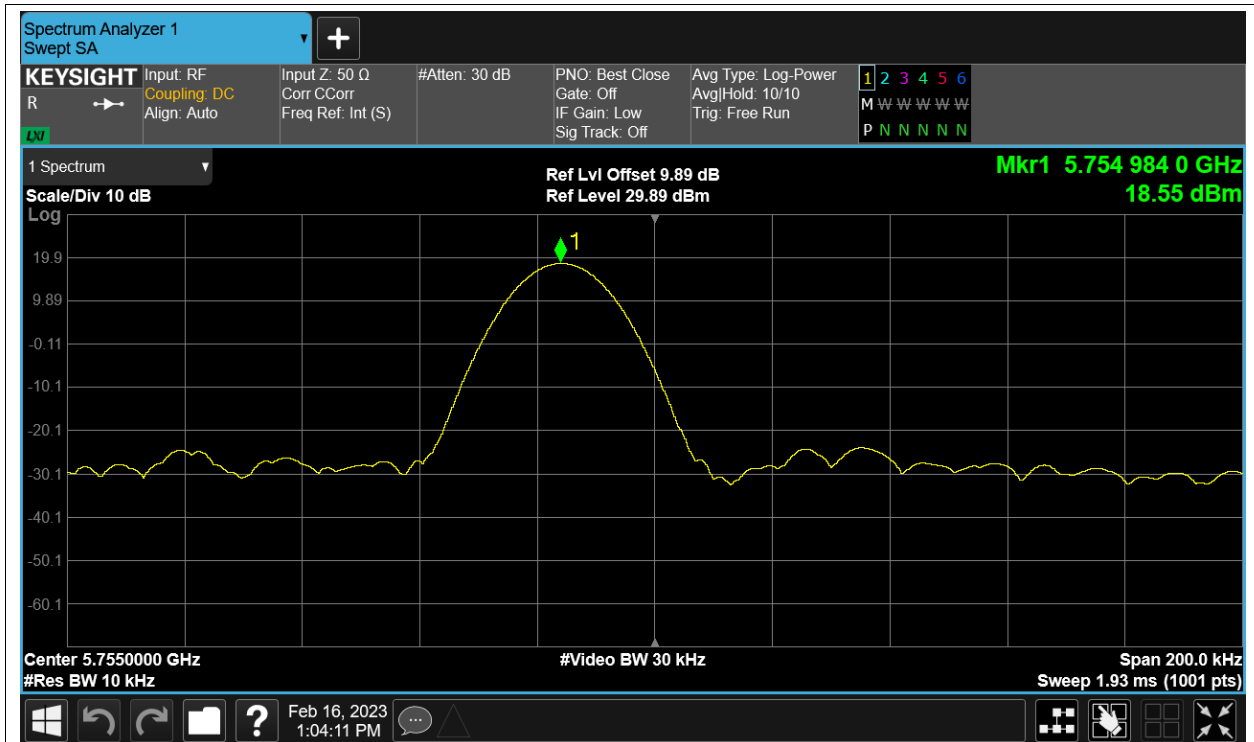
Freq. Stability NVLT ac80 5775MHz Ant2



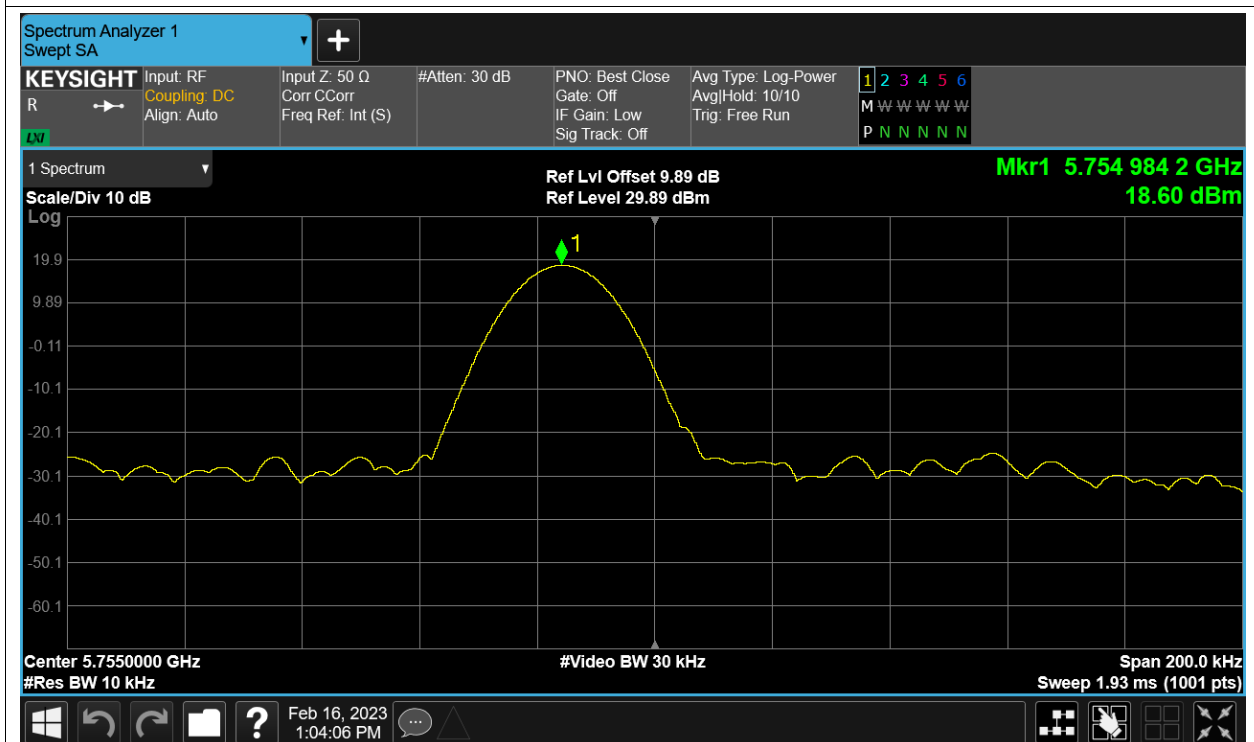
Freq. Stability NVNT ac80 5775MHz Ant2



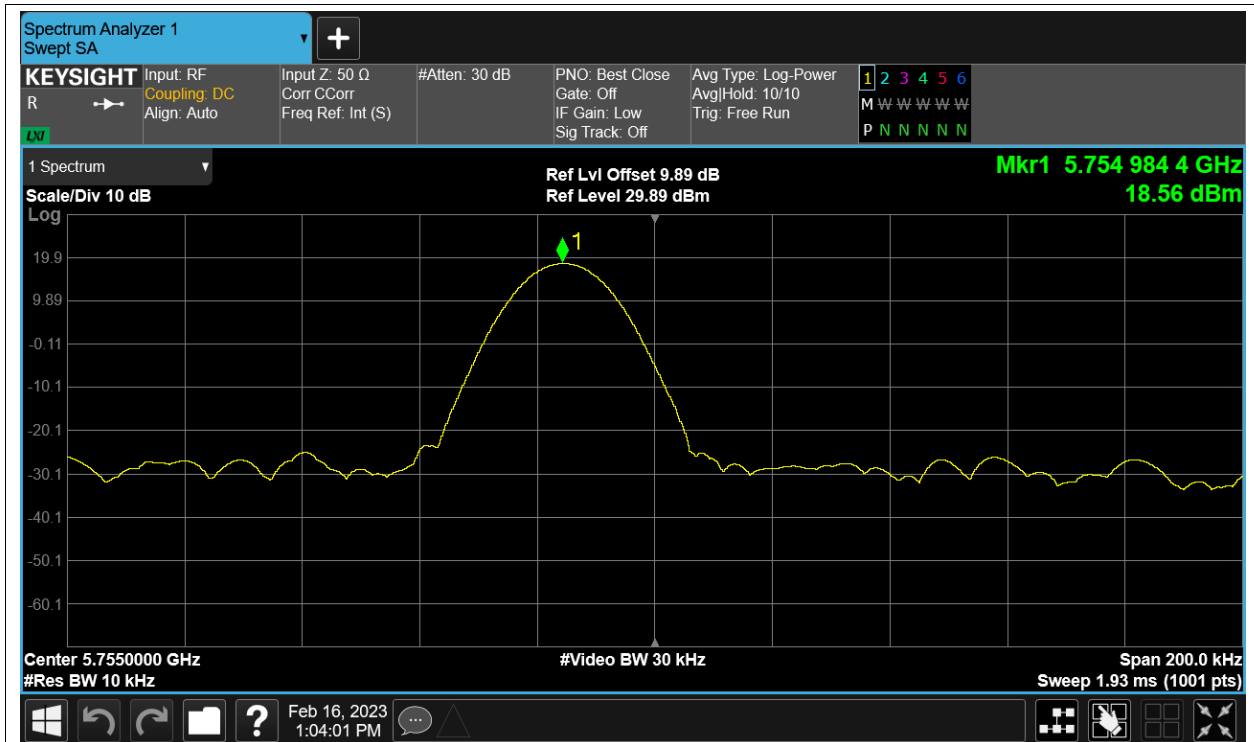
Freq. Stability HVNT n40 5755MHz Ant2



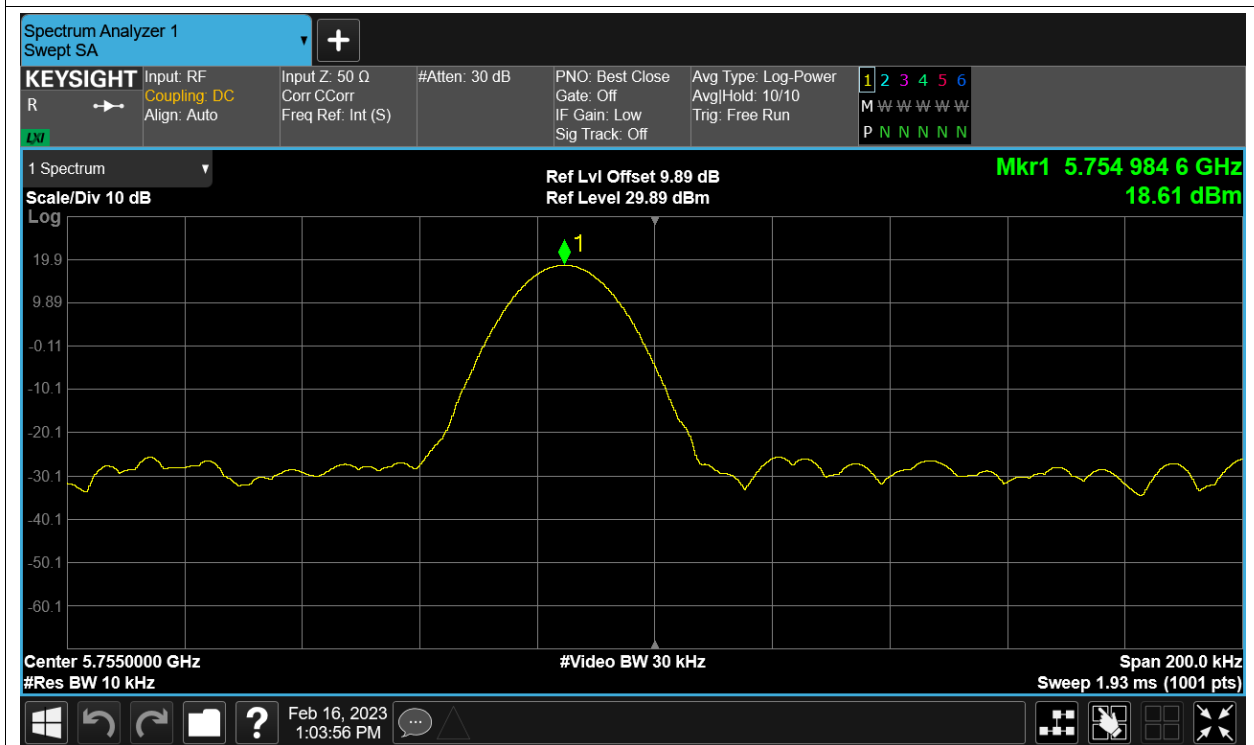
Freq. Stability LVNT n40 5755MHz Ant2



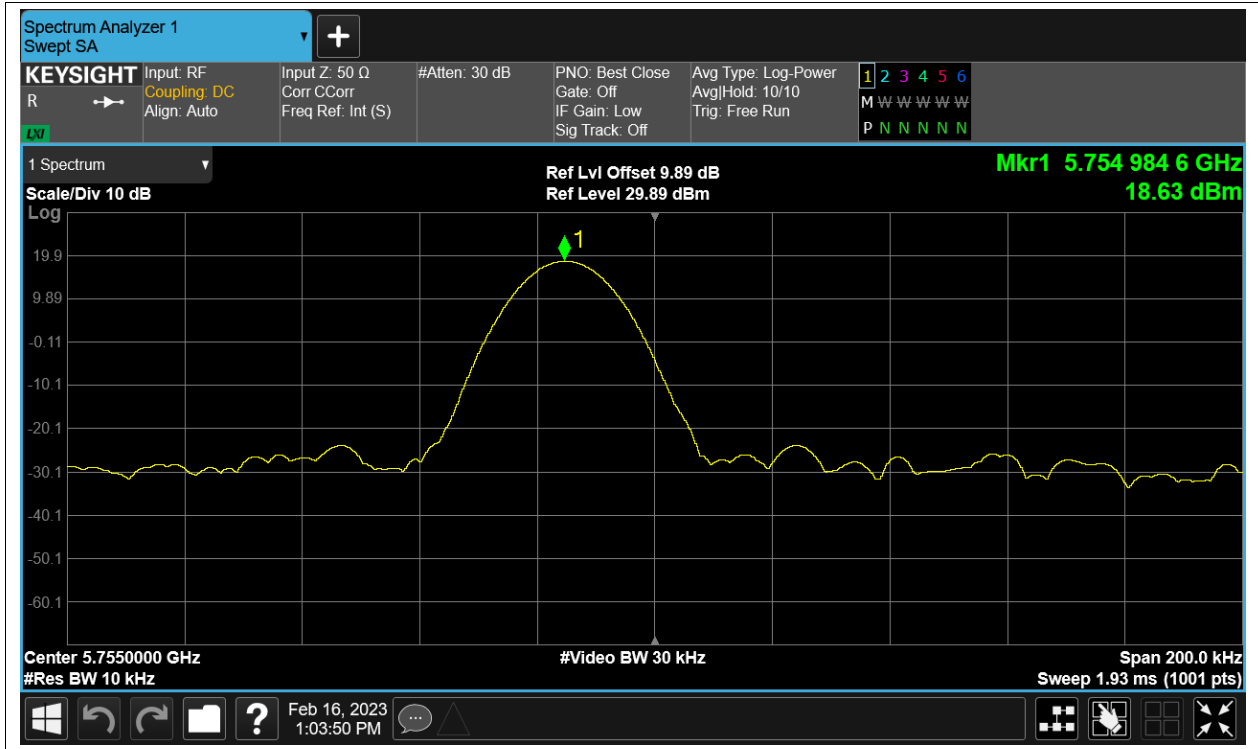
Freq. Stability NVHT n40 5755MHz Ant2



Freq. Stability NVLT n40 5755MHz Ant2



Freq. Stability NVNT n40 5755MHz Ant2

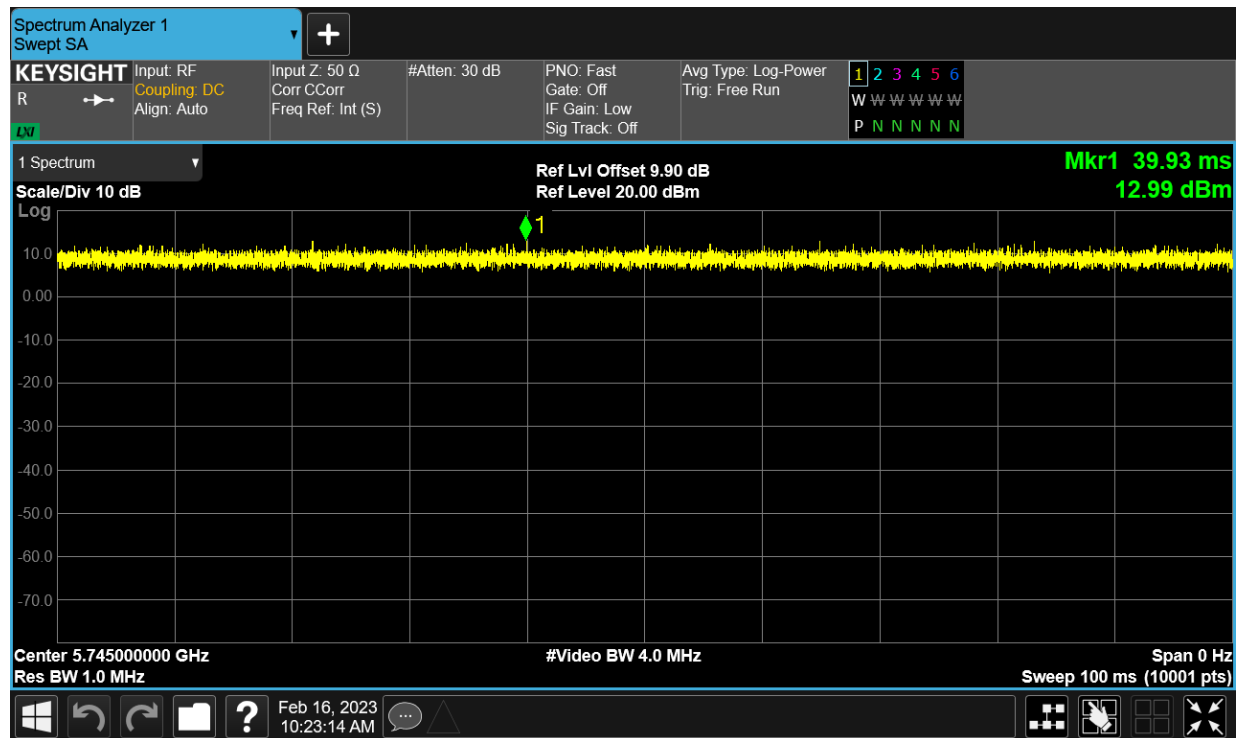


Duty Cycle

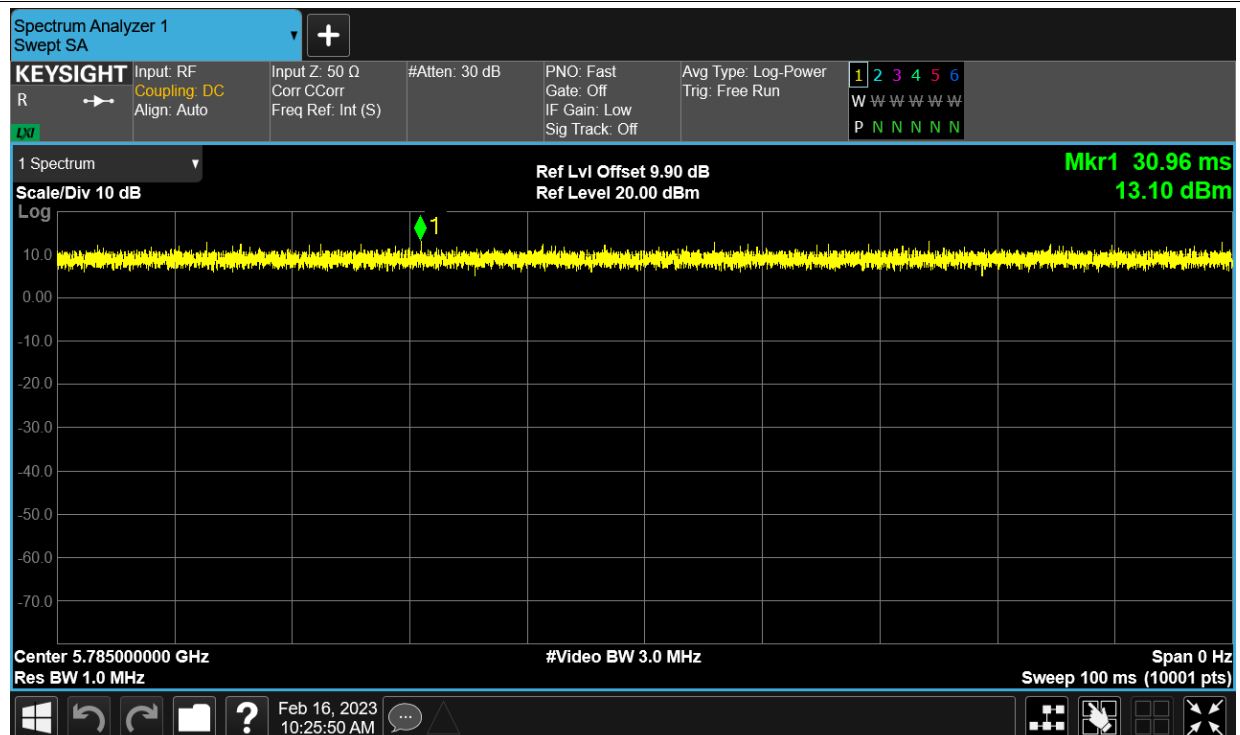
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	ac20	5745	Ant2	100	0
NVNT	ac20	5785	Ant2	100	0
NVNT	ac20	5825	Ant2	100	0
NVNT	ac40	5755	Ant2	100	0
NVNT	ac40	5795	Ant2	100	0
NVNT	ac80	5775	Ant2	100	0
NVNT	n20	5745	Ant2	100	0
NVNT	n20	5785	Ant2	100	0
NVNT	n20	5825	Ant2	100	0
NVNT	n40	5755	Ant2	100	0
NVNT	n40	5795	Ant2	100	0

Test Graphs

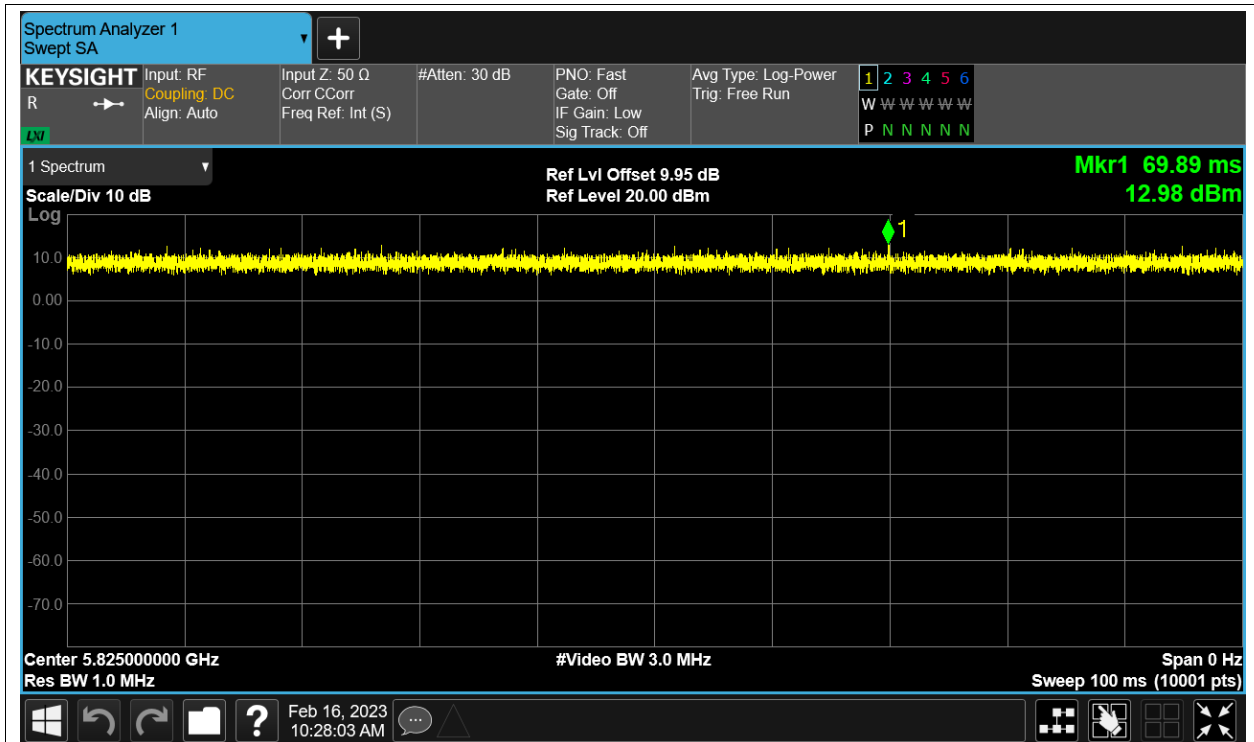
Duty Cycle NVNT a 5745MHz Ant2



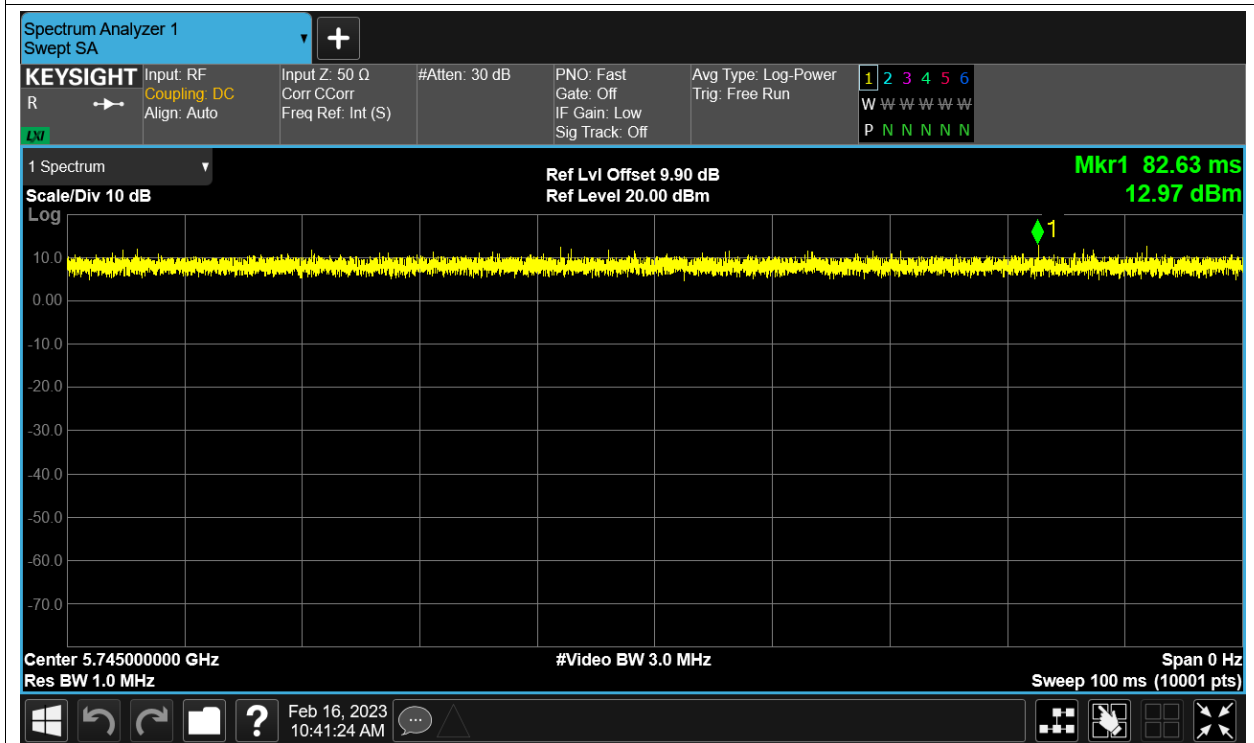
Duty Cycle NVNT a 5785MHz Ant2



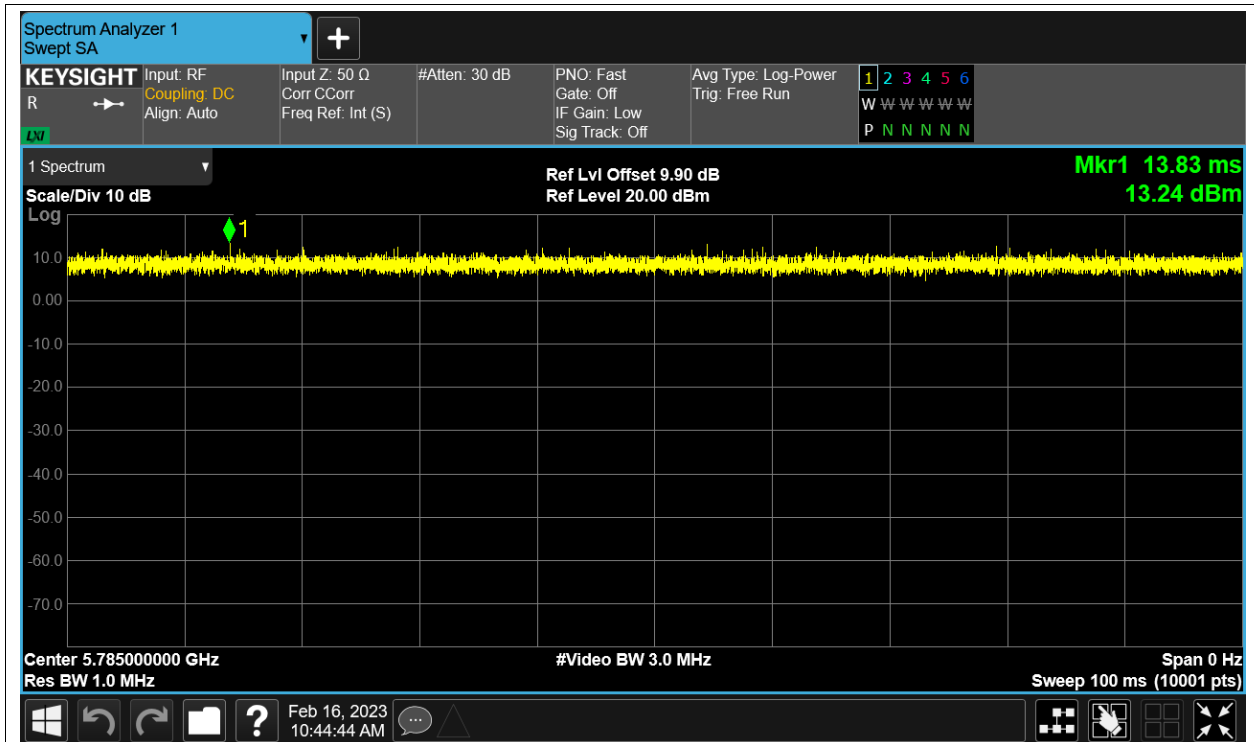
Duty Cycle NVNT a 5825MHz Ant2



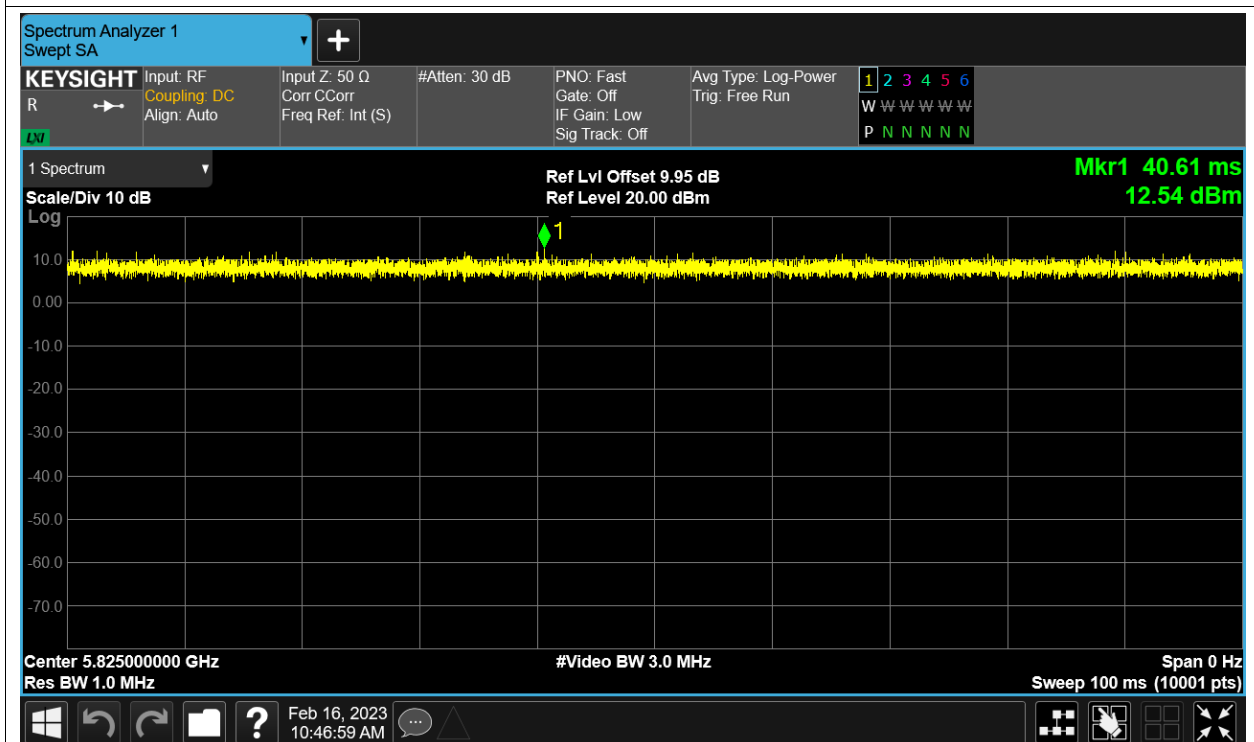
Duty Cycle NVNT ac20 5745MHz Ant2



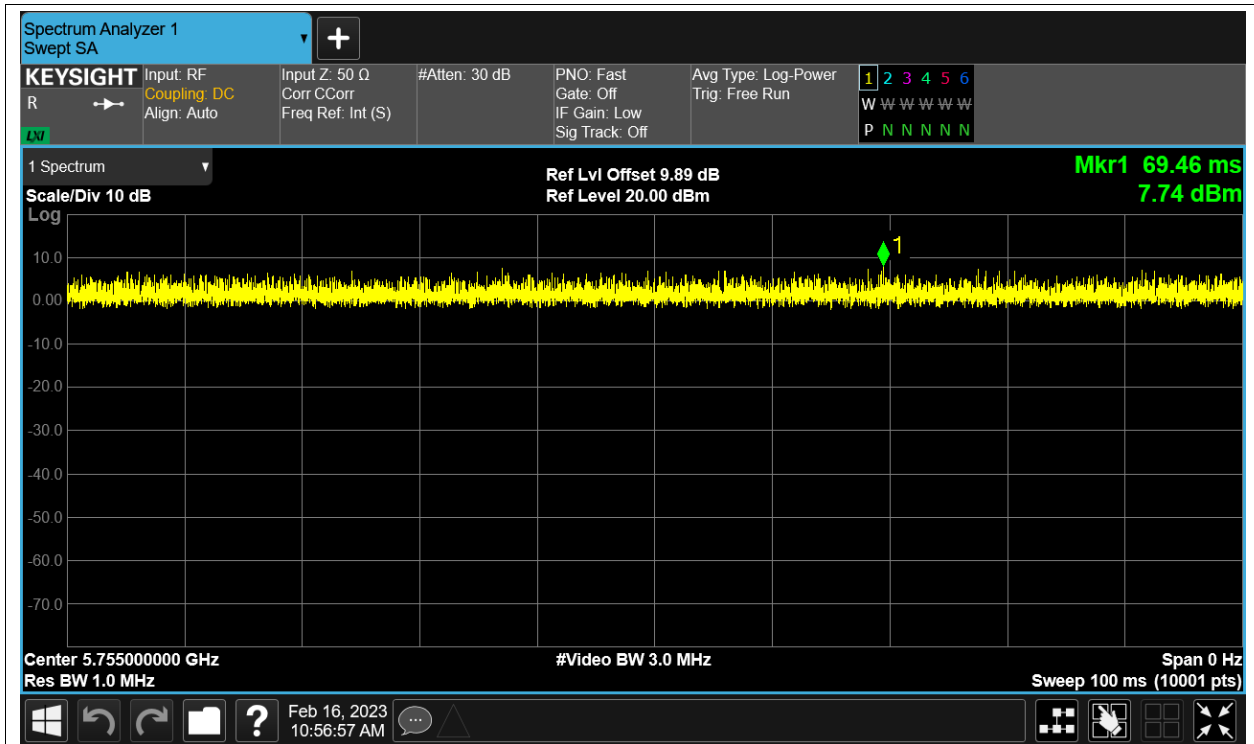
Duty Cycle NVNT ac20 5785MHz Ant2



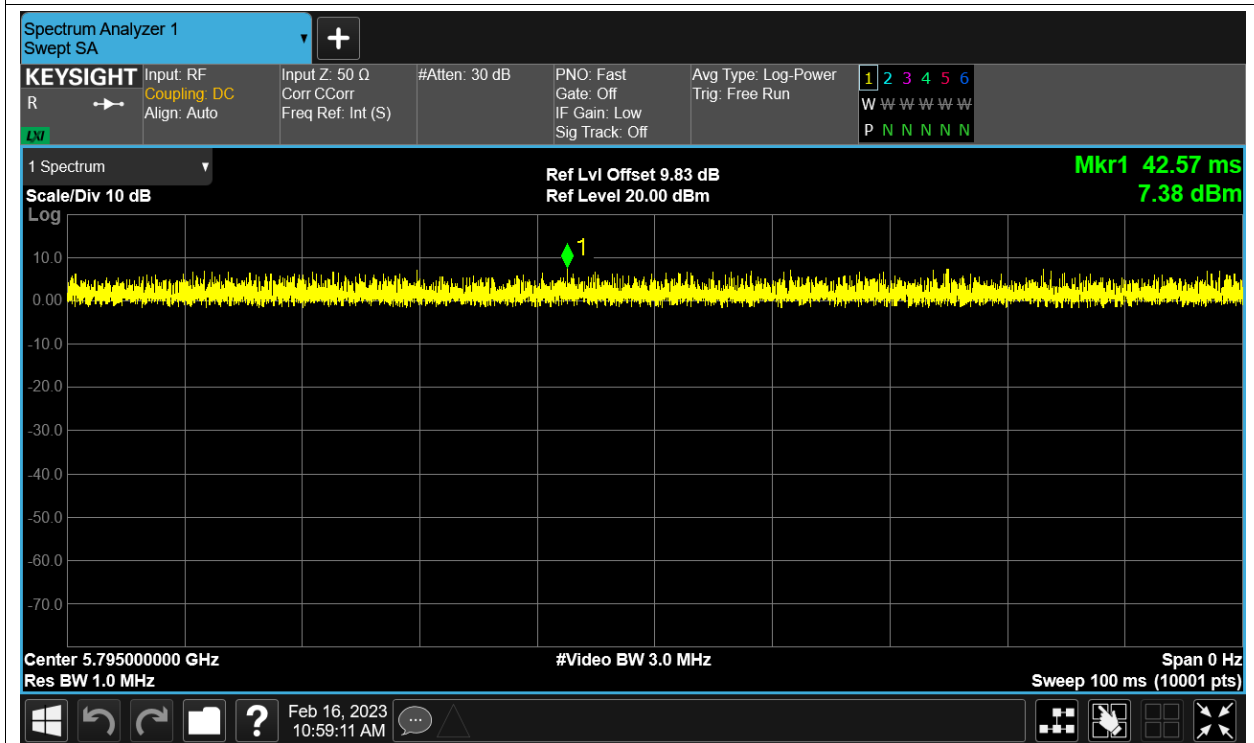
Duty Cycle NVNT ac20 5825MHz Ant2



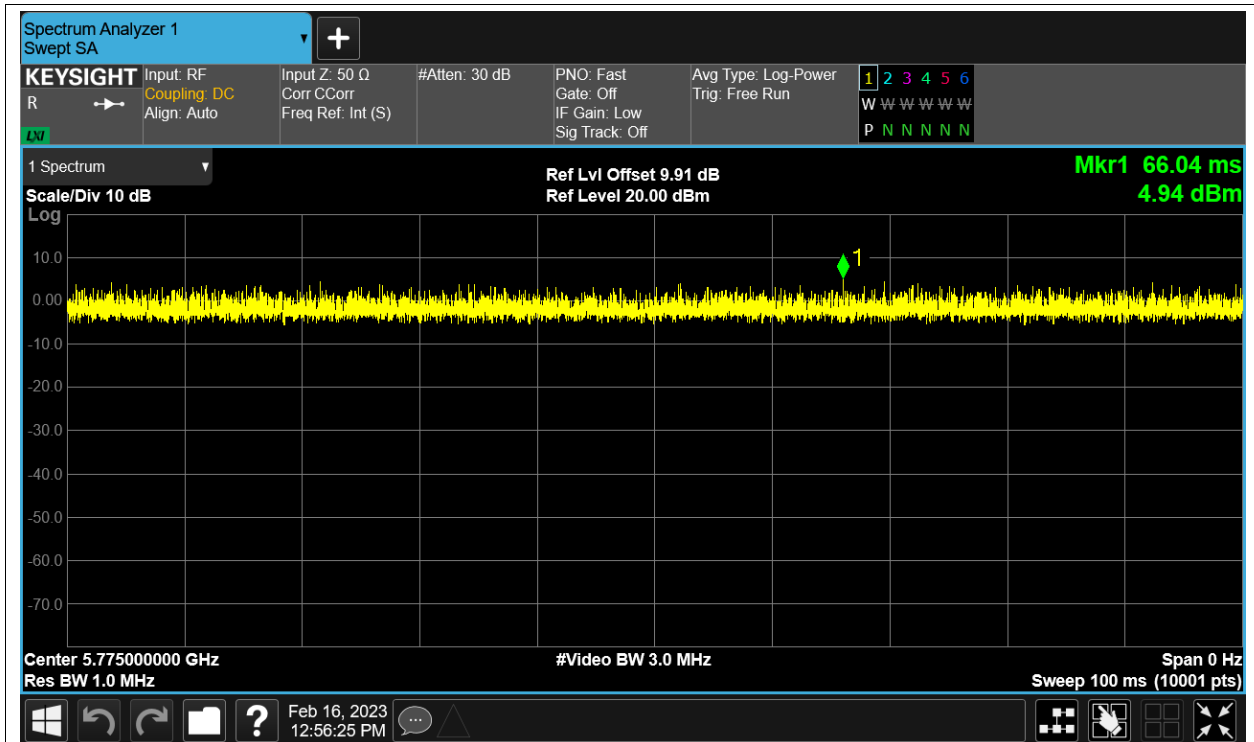
Duty Cycle NVNT ac40 5755MHz Ant2



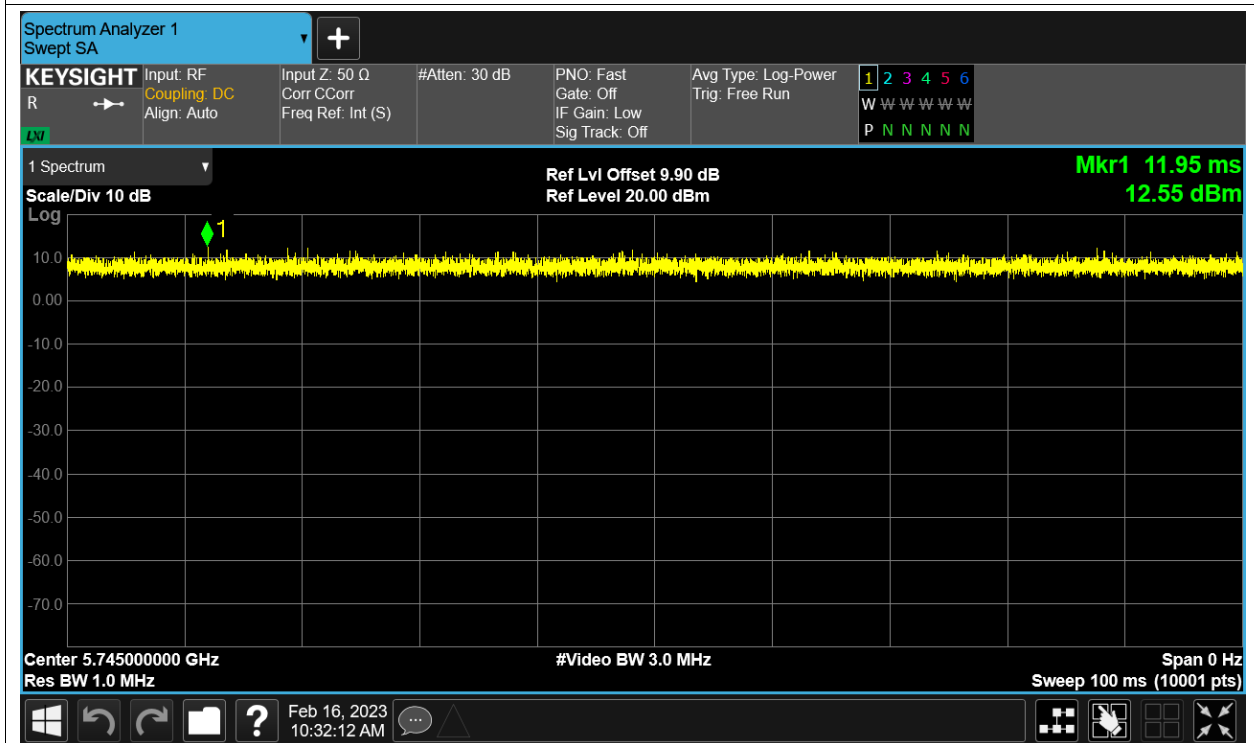
Duty Cycle NVNT ac40 5795MHz Ant2



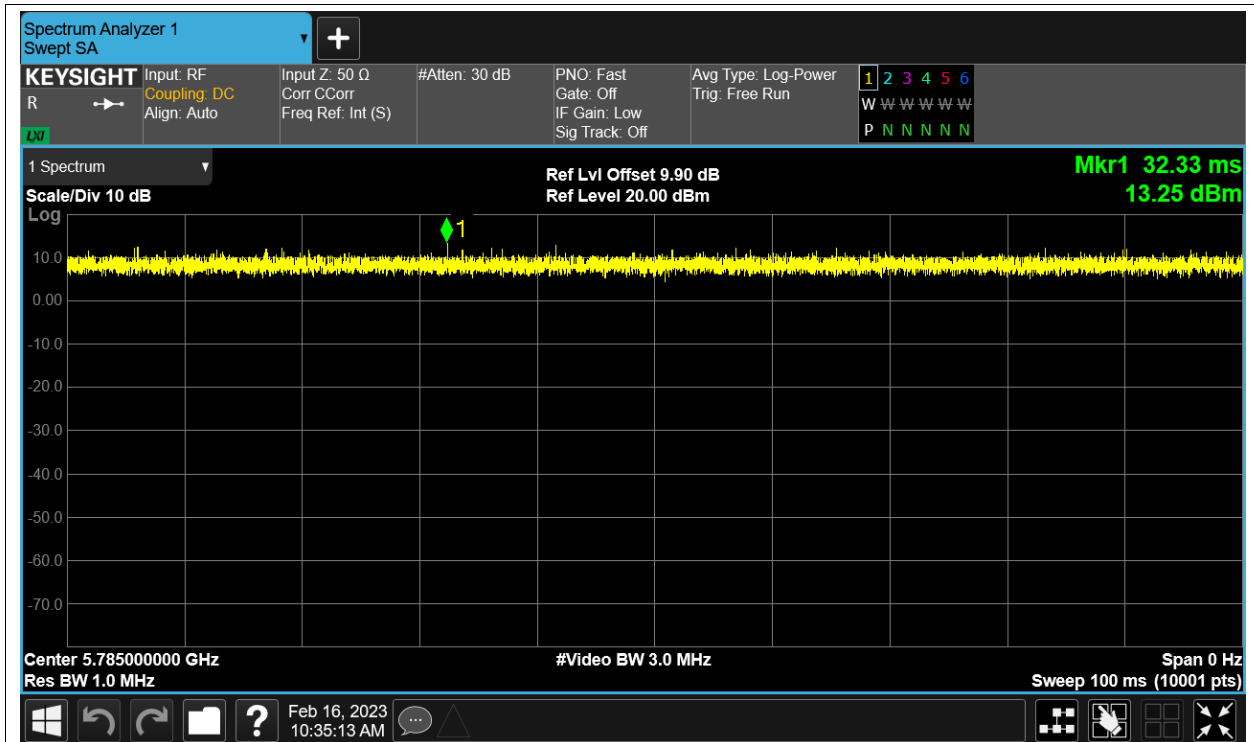
Duty Cycle NVNT ac80 5775MHz Ant2



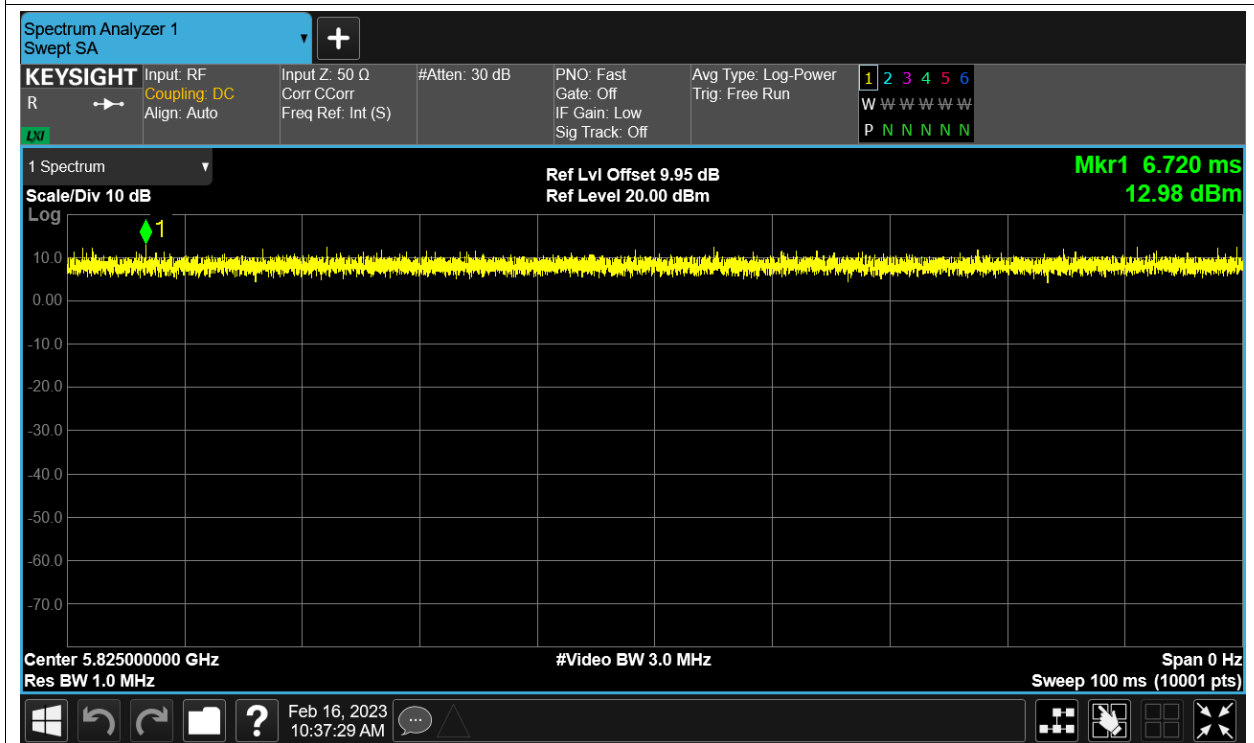
Duty Cycle NVNT n20 5745MHz Ant2



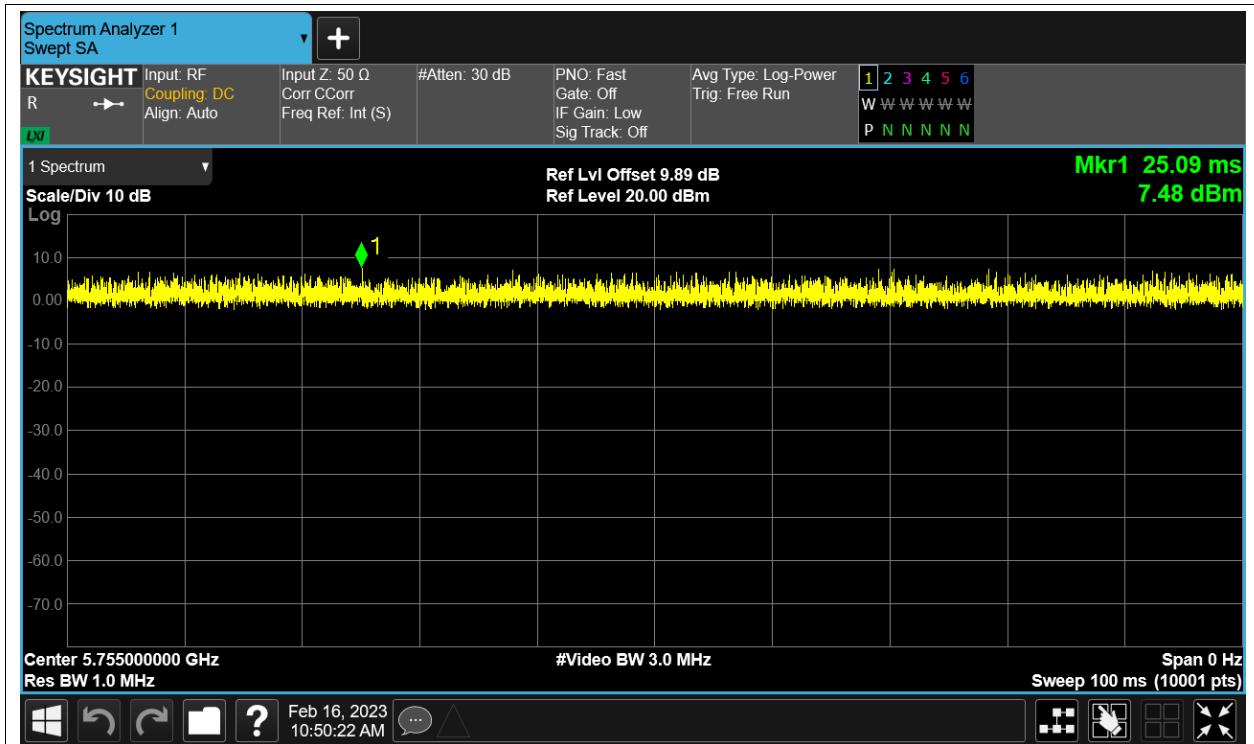
Duty Cycle NVNT n20 5785MHz Ant2



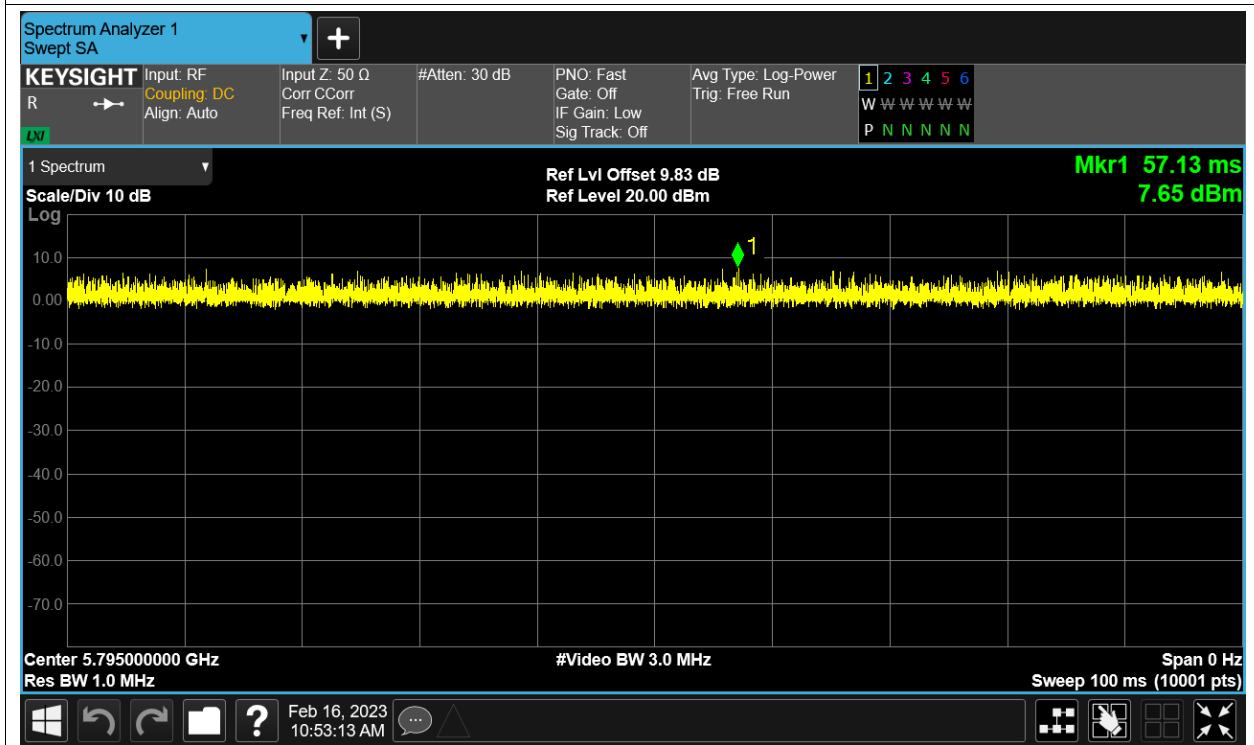
Duty Cycle NVNT n20 5825MHz Ant2



Duty Cycle NVNT n40 5755MHz Ant2



Duty Cycle NVNT n40 5795MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	16.21	0	16.21	30	Pass
NVNT	a	5785	Ant2	16.56	0	16.56	30	Pass
NVNT	a	5825	Ant2	16.54	0	16.54	30	Pass
NVNT	ac20	5745	Ant2	15.19	0	15.19	30	Pass
NVNT	ac20	5785	Ant2	15.53	0	15.53	30	Pass
NVNT	ac20	5825	Ant2	15.56	0	15.56	30	Pass
NVNT	ac40	5755	Ant2	15.29	0	15.29	30	Pass
NVNT	ac40	5795	Ant2	15.52	0	15.52	30	Pass
NVNT	ac80	5775	Ant2	15.27	0	15.27	30	Pass
NVNT	n20	5745	Ant2	15.12	0	15.12	30	Pass
NVNT	n20	5785	Ant2	15.56	0	15.56	30	Pass
NVNT	n20	5825	Ant2	15.57	0	15.57	30	Pass
NVNT	n40	5755	Ant2	15.22	0	15.22	30	Pass
NVNT	n40	5795	Ant2	15.54	0	15.54	30	Pass

-6dB Bandwidth

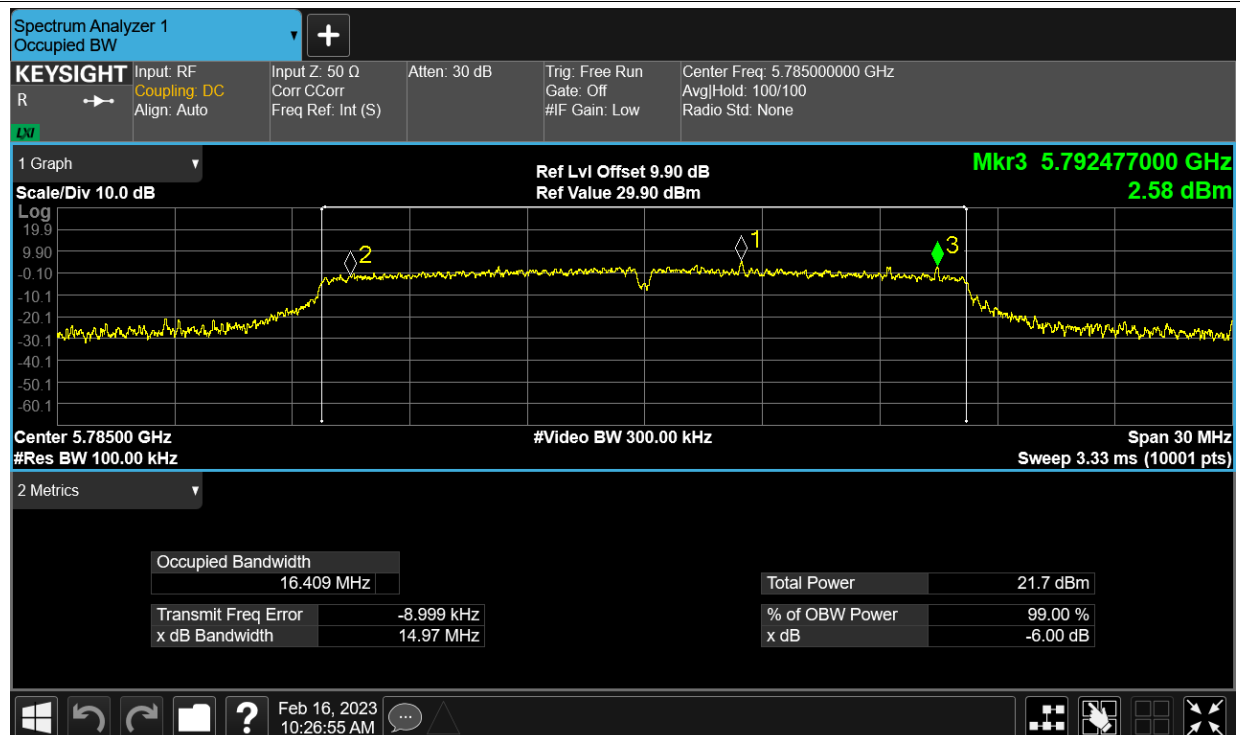
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant2	15.386	0.5	Pass
NVNT	a	5785	Ant2	14.971	0.5	Pass
NVNT	a	5825	Ant2	14.836	0.5	Pass
NVNT	ac20	5745	Ant2	13.517	0.5	Pass
NVNT	ac20	5785	Ant2	14.406	0.5	Pass
NVNT	ac20	5825	Ant2	15.379	0.5	Pass
NVNT	ac40	5755	Ant2	35.106	0.5	Pass
NVNT	ac40	5795	Ant2	34.983	0.5	Pass
NVNT	ac80	5775	Ant2	75.11	0.5	Pass
NVNT	n20	5745	Ant2	13.829	0.5	Pass
NVNT	n20	5785	Ant2	15.094	0.5	Pass
NVNT	n20	5825	Ant2	16.102	0.5	Pass
NVNT	n40	5755	Ant2	35.116	0.5	Pass
NVNT	n40	5795	Ant2	35.091	0.5	Pass

Test Graphs

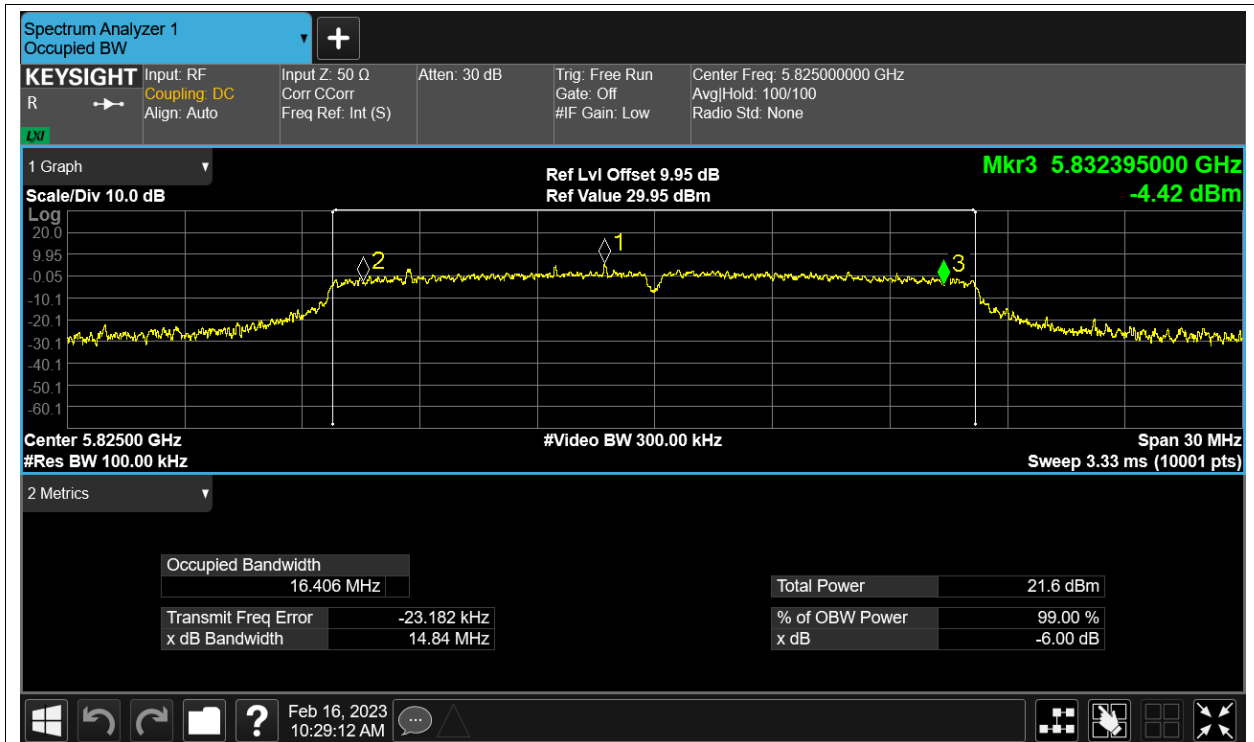
-6dB Bandwidth NVNT a 5745MHz Ant2



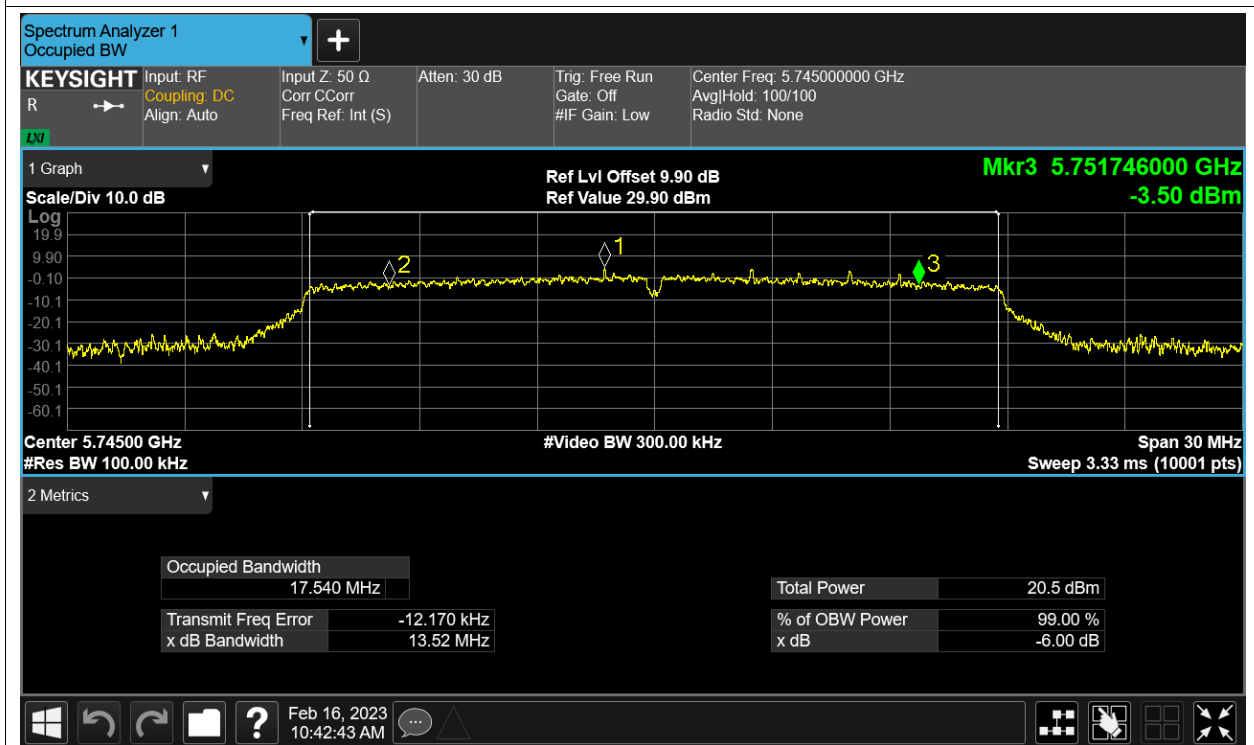
-6dB Bandwidth NVNT a 5785MHz Ant2



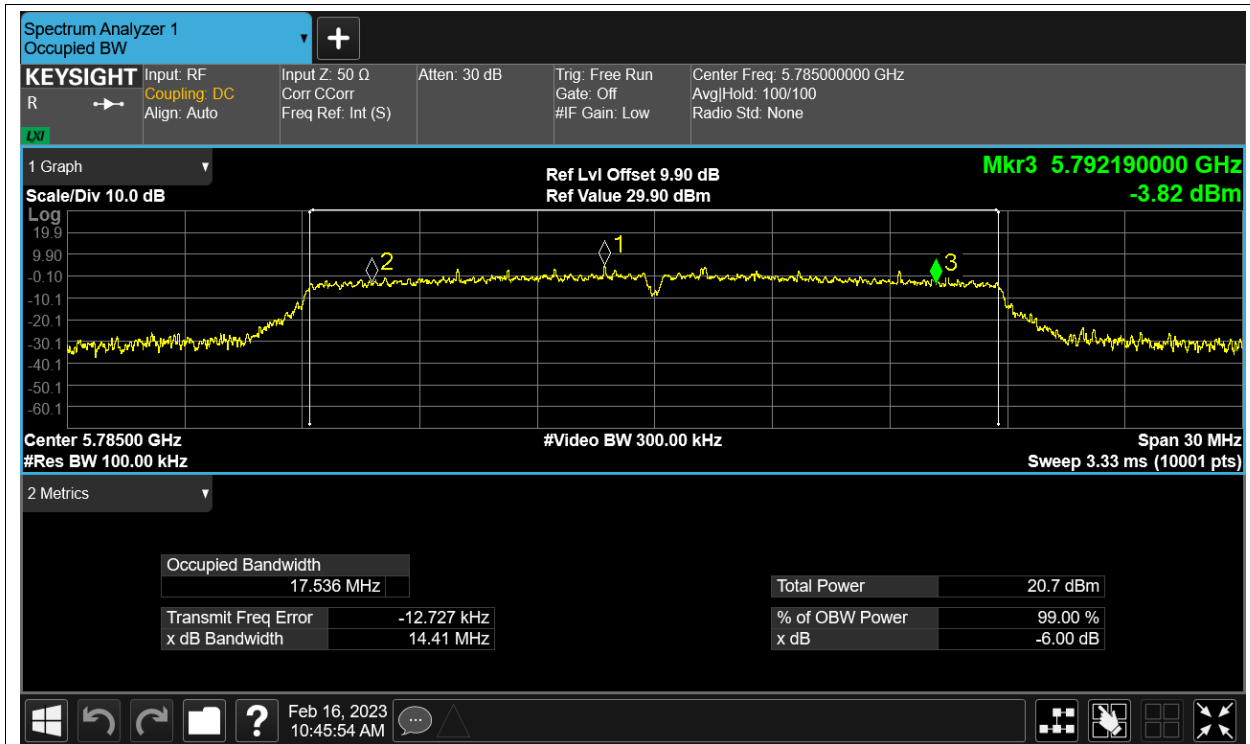
-6dB Bandwidth NVNT a 5825MHz Ant2



-6dB Bandwidth NVNT ac20 5745MHz Ant2



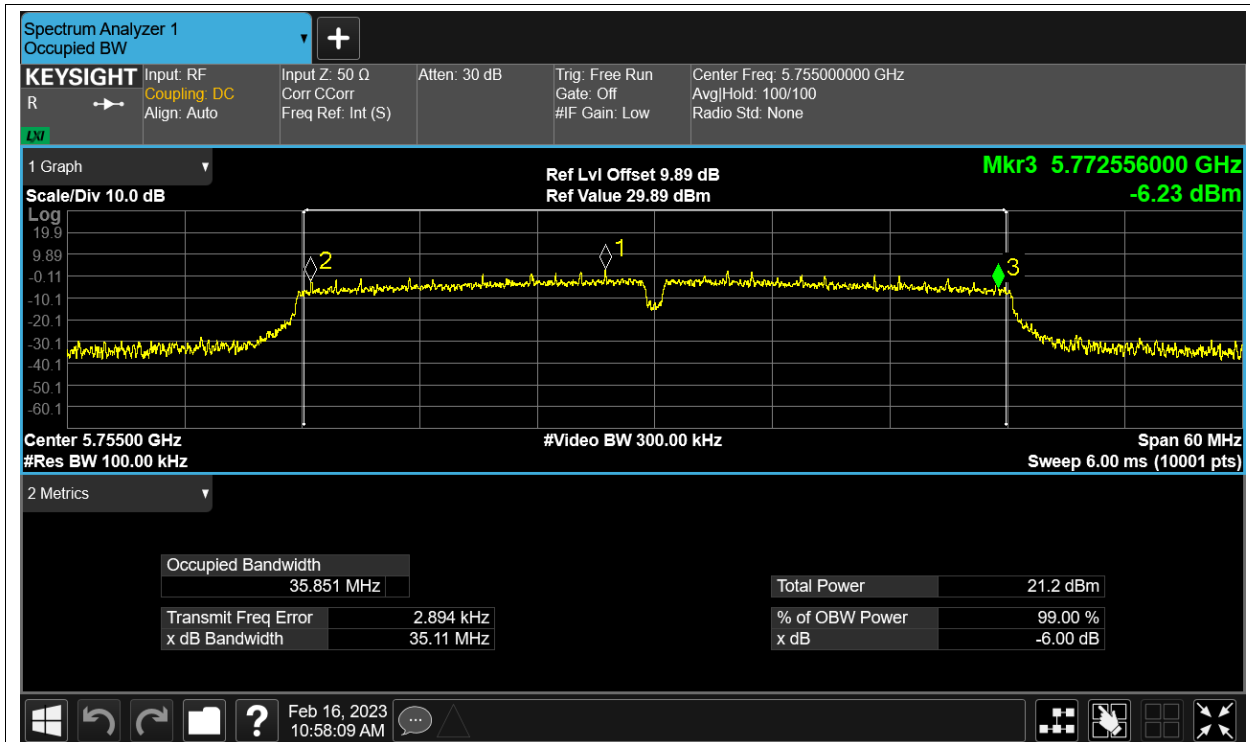
-6dB Bandwidth NVNT ac20 5785MHz Ant2



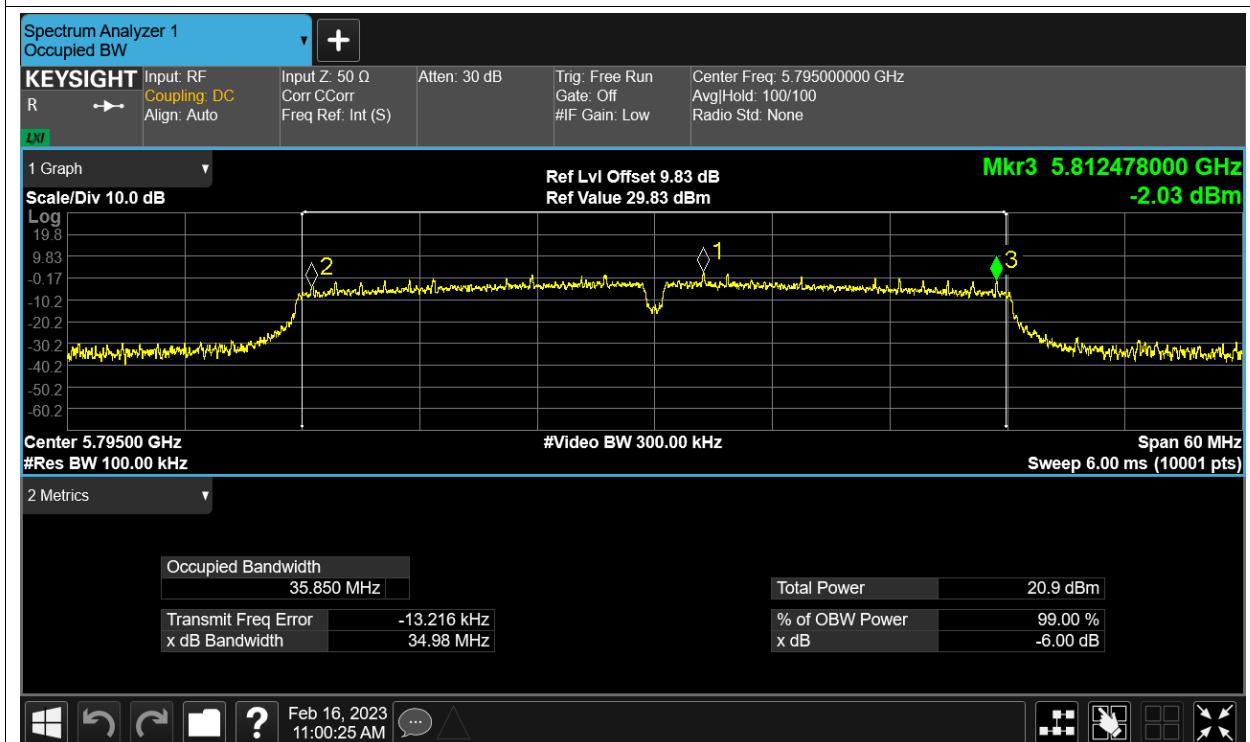
-6dB Bandwidth NVNT ac20 5825MHz Ant2



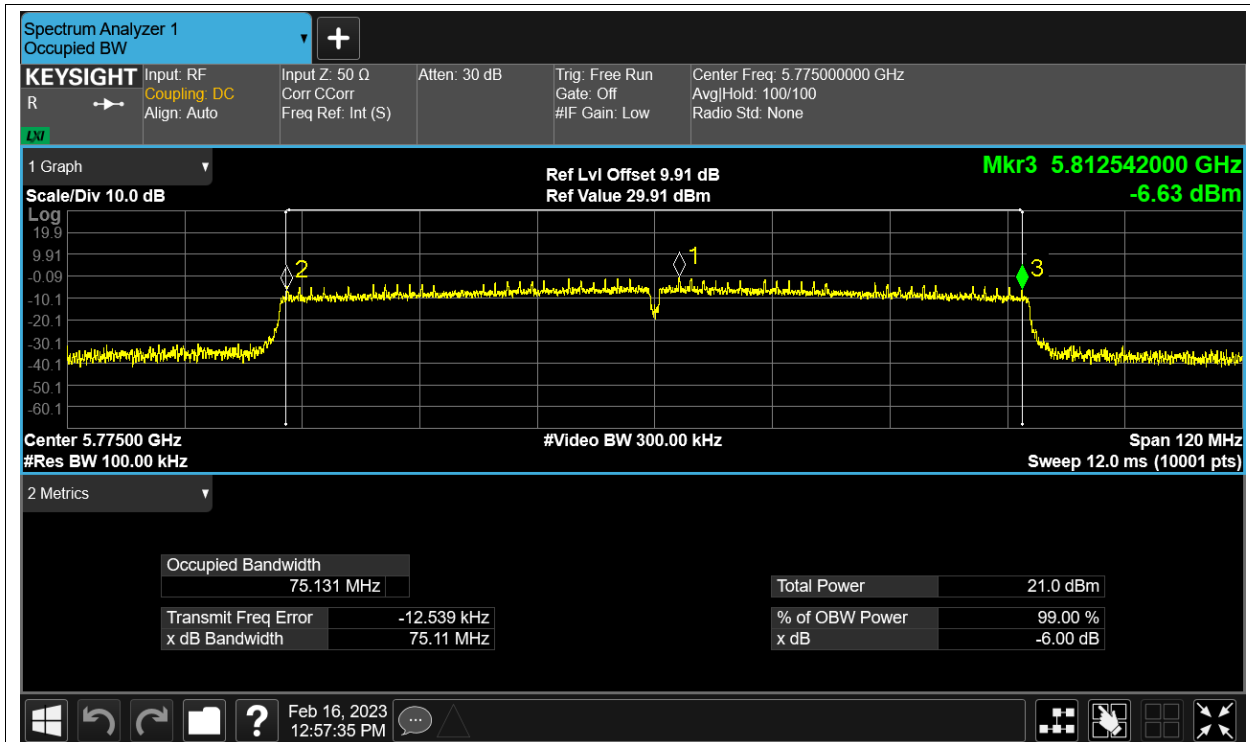
-6dB Bandwidth NVNT ac40 5755MHz Ant2



-6dB Bandwidth NVNT ac40 5795MHz Ant2



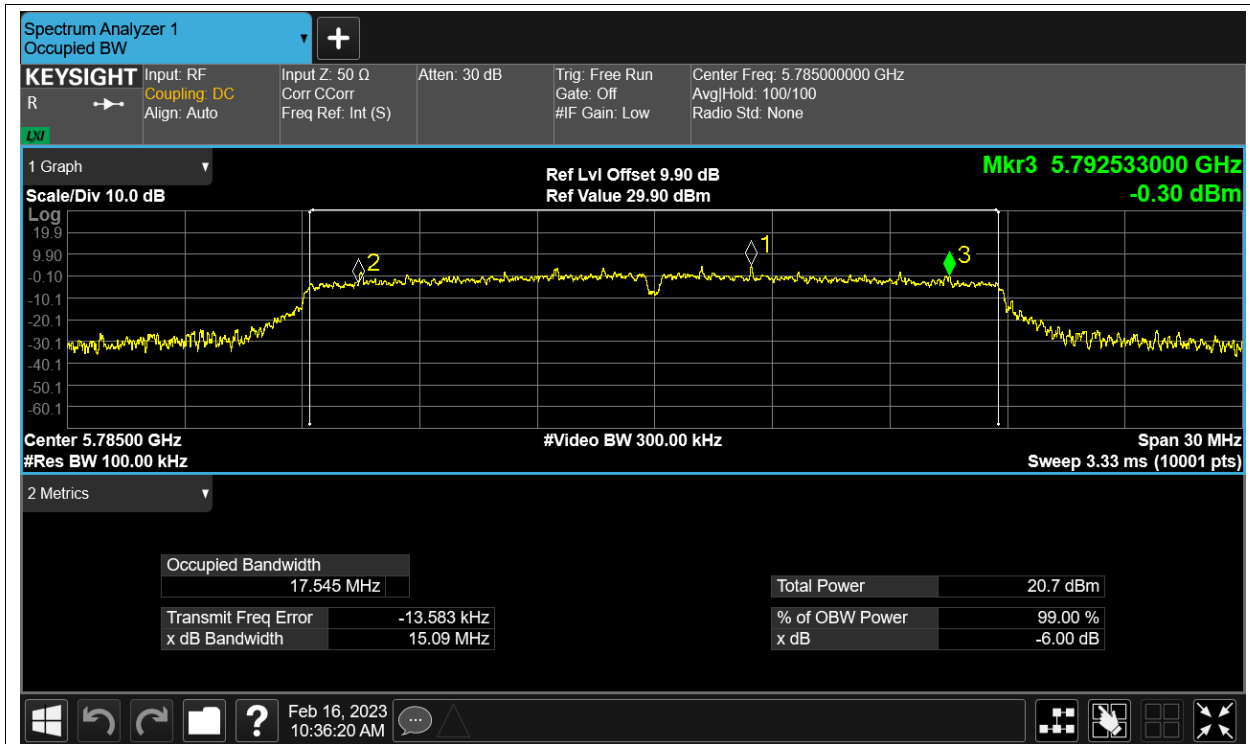
-6dB Bandwidth NVNT ac80 5775MHz Ant2



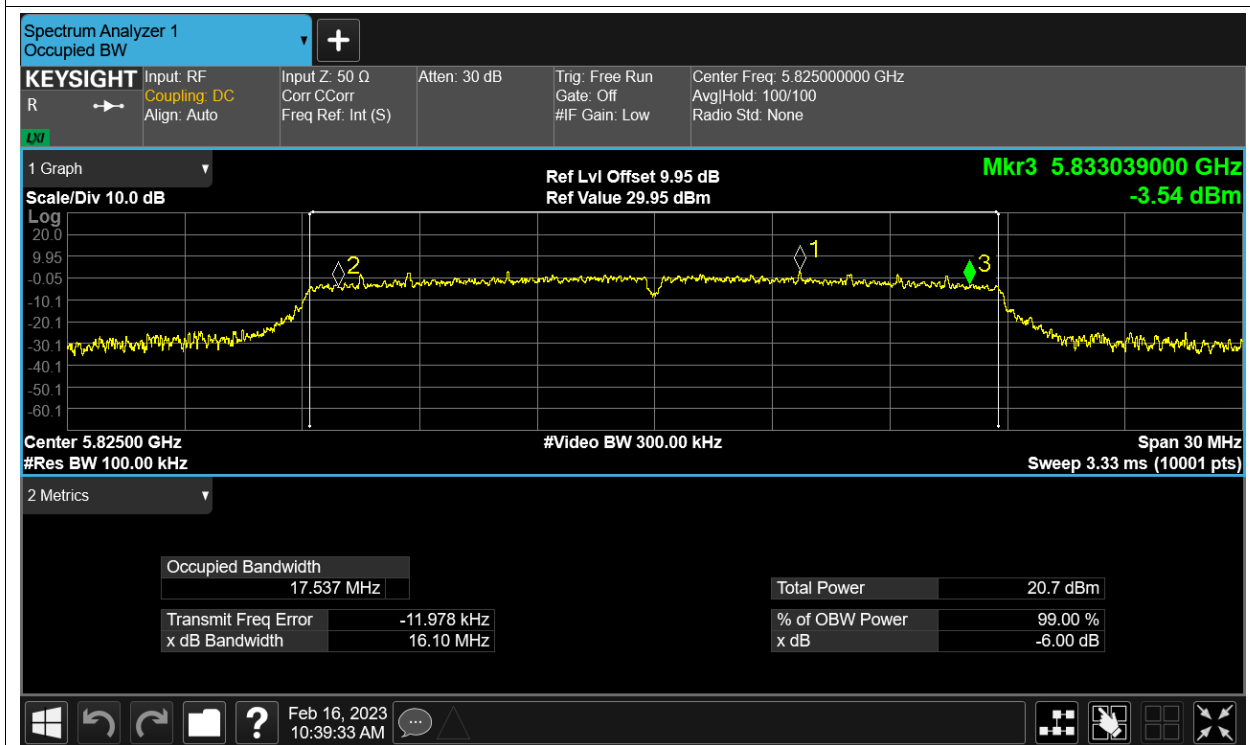
-6dB Bandwidth NVNT n20 5745MHz Ant2



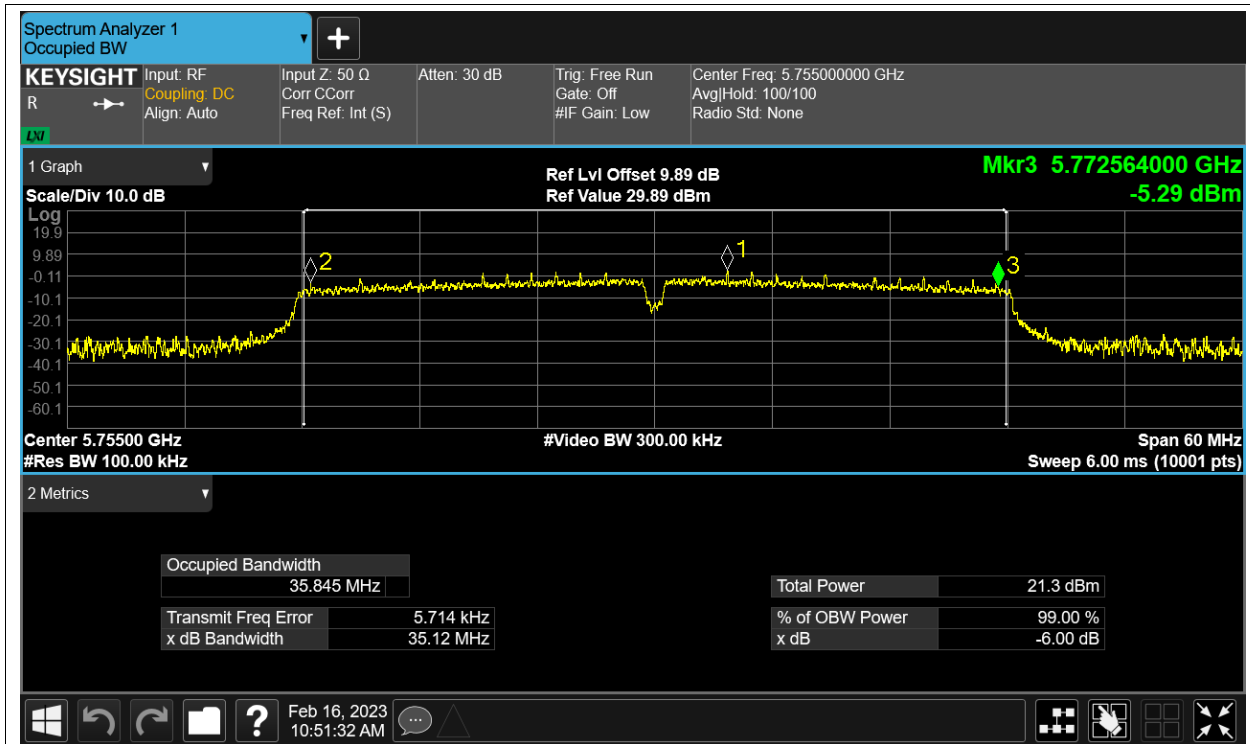
-6dB Bandwidth NVNT n20 5785MHz Ant2



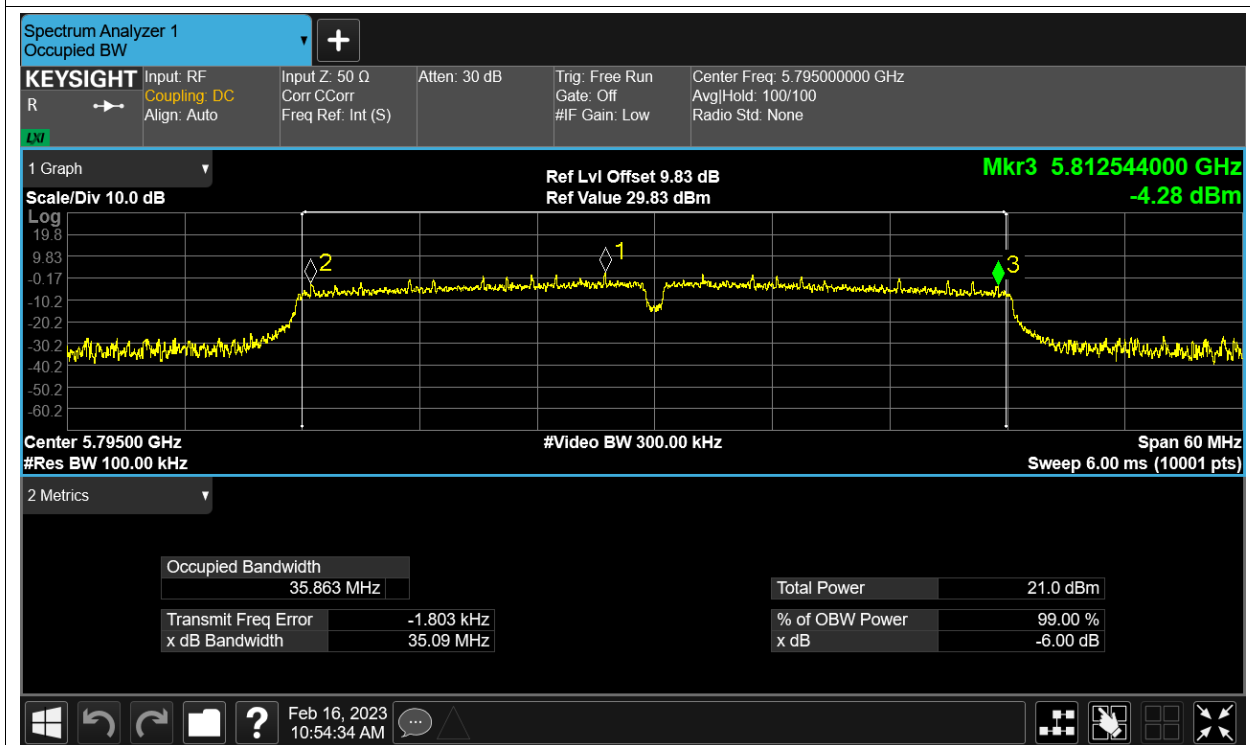
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

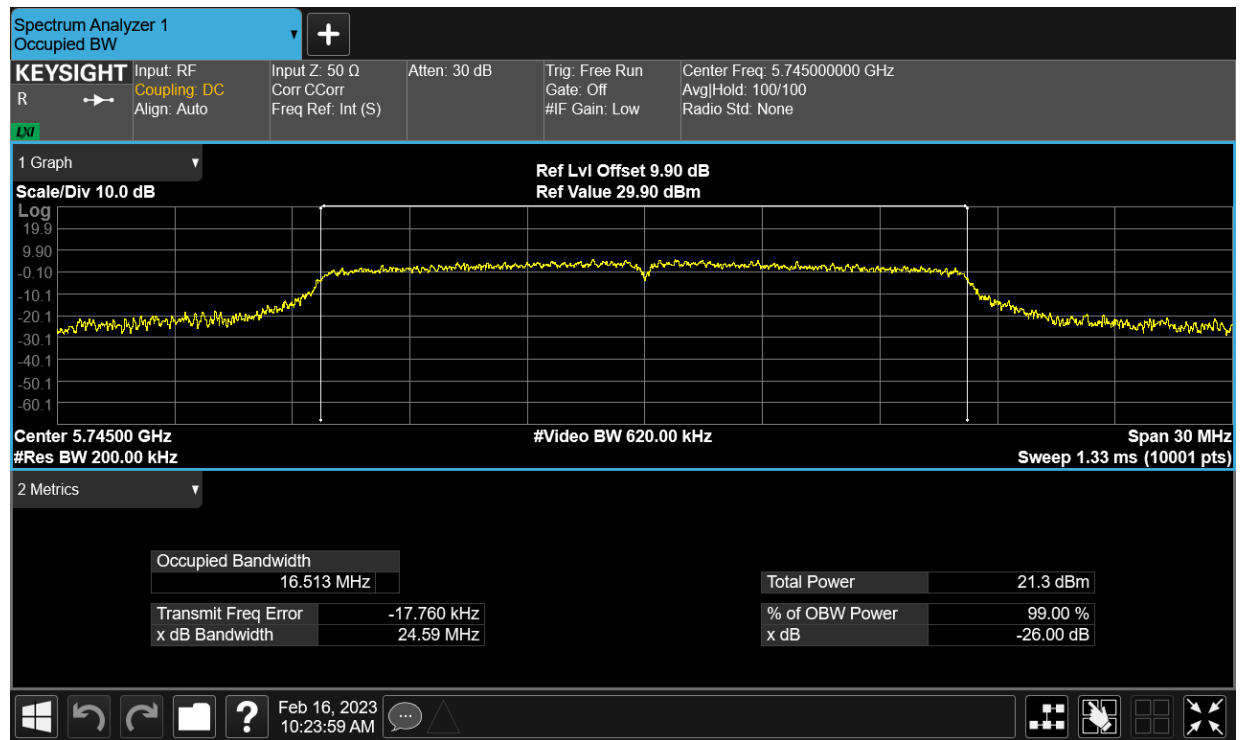


Occupied Channel Bandwidth

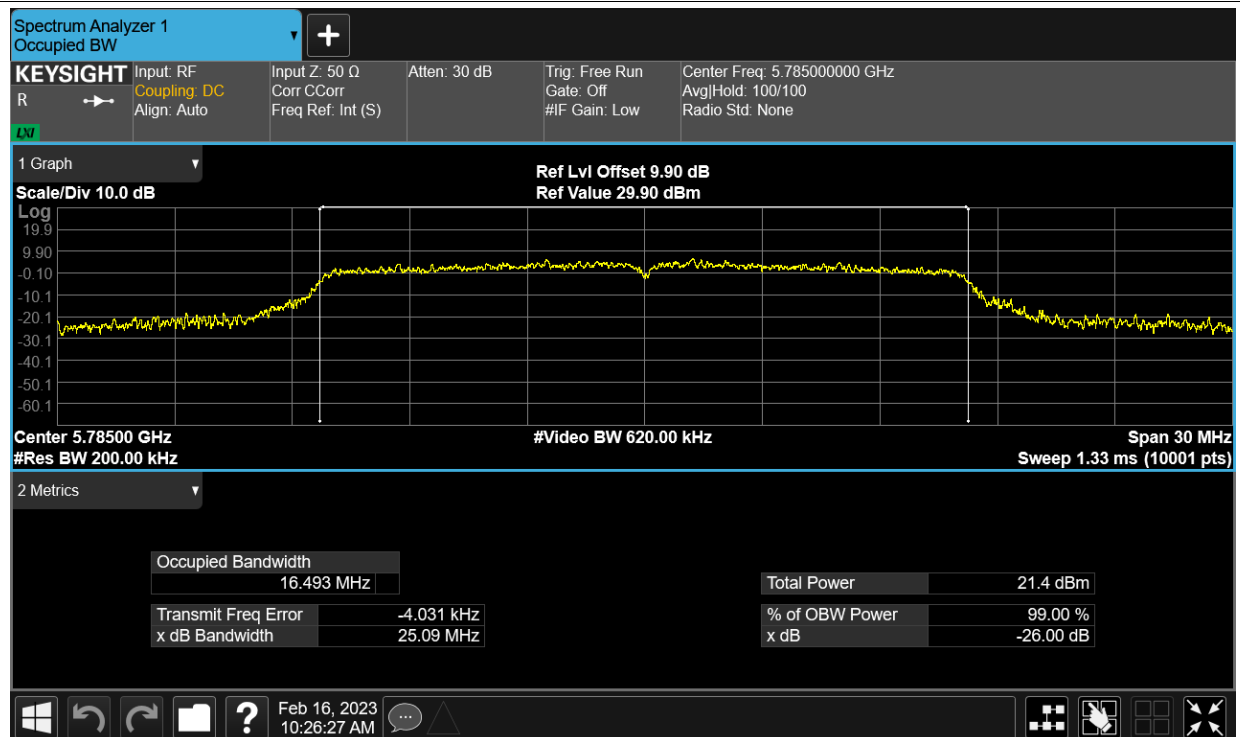
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.513
NVNT	a	5785	Ant2	16.493
NVNT	a	5825	Ant2	16.512
NVNT	ac20	5745	Ant2	17.573
NVNT	ac20	5785	Ant2	17.572
NVNT	ac20	5825	Ant2	17.593
NVNT	ac40	5755	Ant2	36.029
NVNT	ac40	5795	Ant2	35.99
NVNT	ac80	5775	Ant2	75.282
NVNT	n20	5745	Ant2	17.592
NVNT	n20	5785	Ant2	17.587
NVNT	n20	5825	Ant2	17.599
NVNT	n40	5755	Ant2	36.021
NVNT	n40	5795	Ant2	36.031

Test Graphs

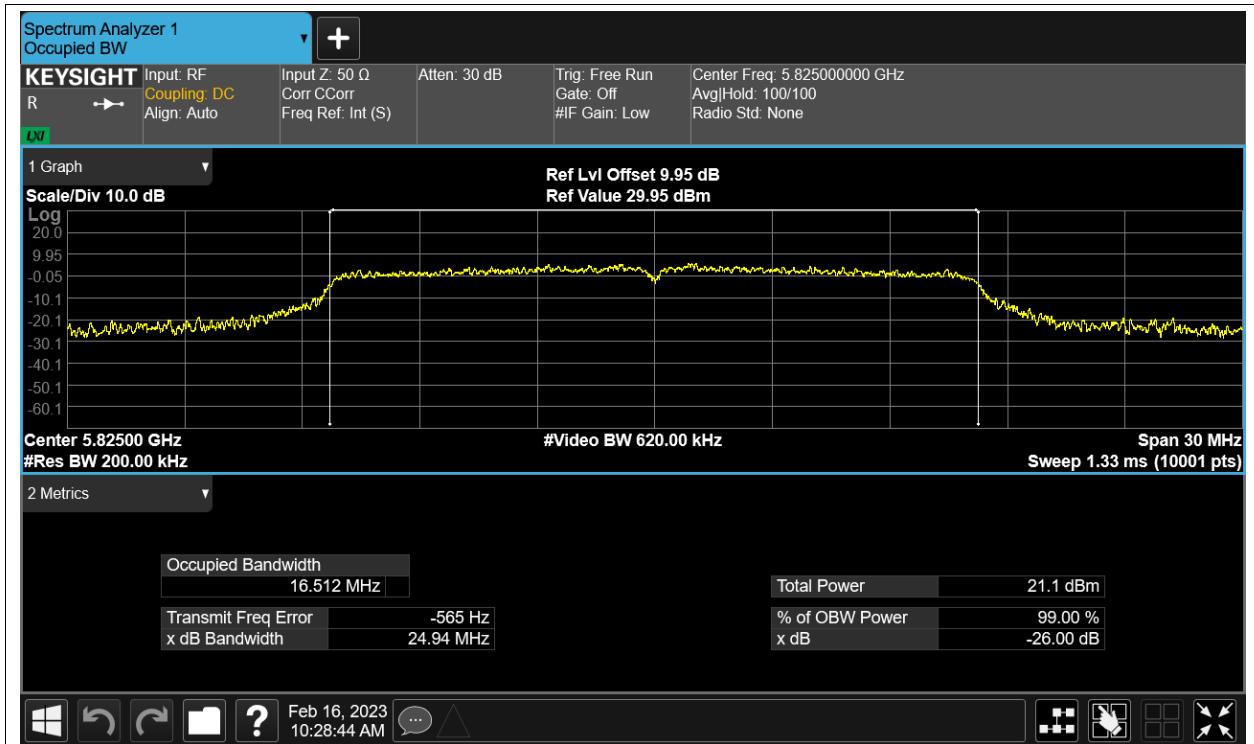
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2



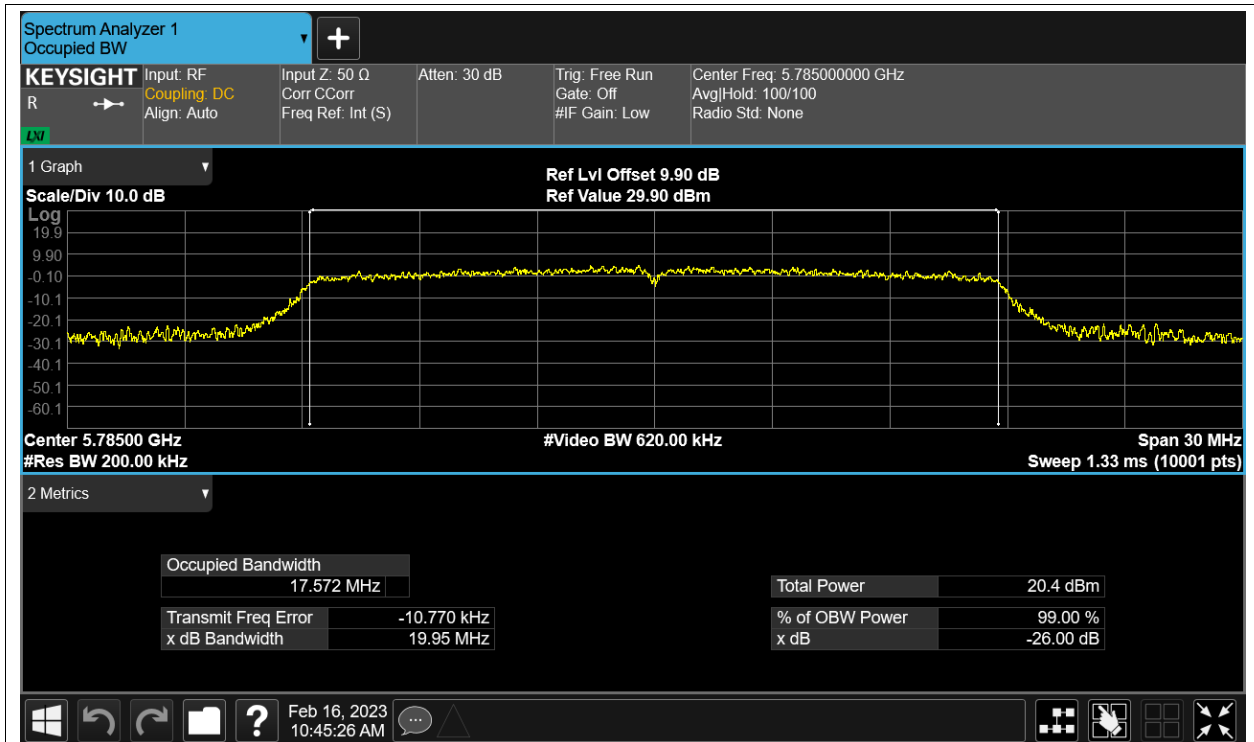
OBW NVNT a 5825MHz Ant2



OBW NVNT ac20 5745MHz Ant2



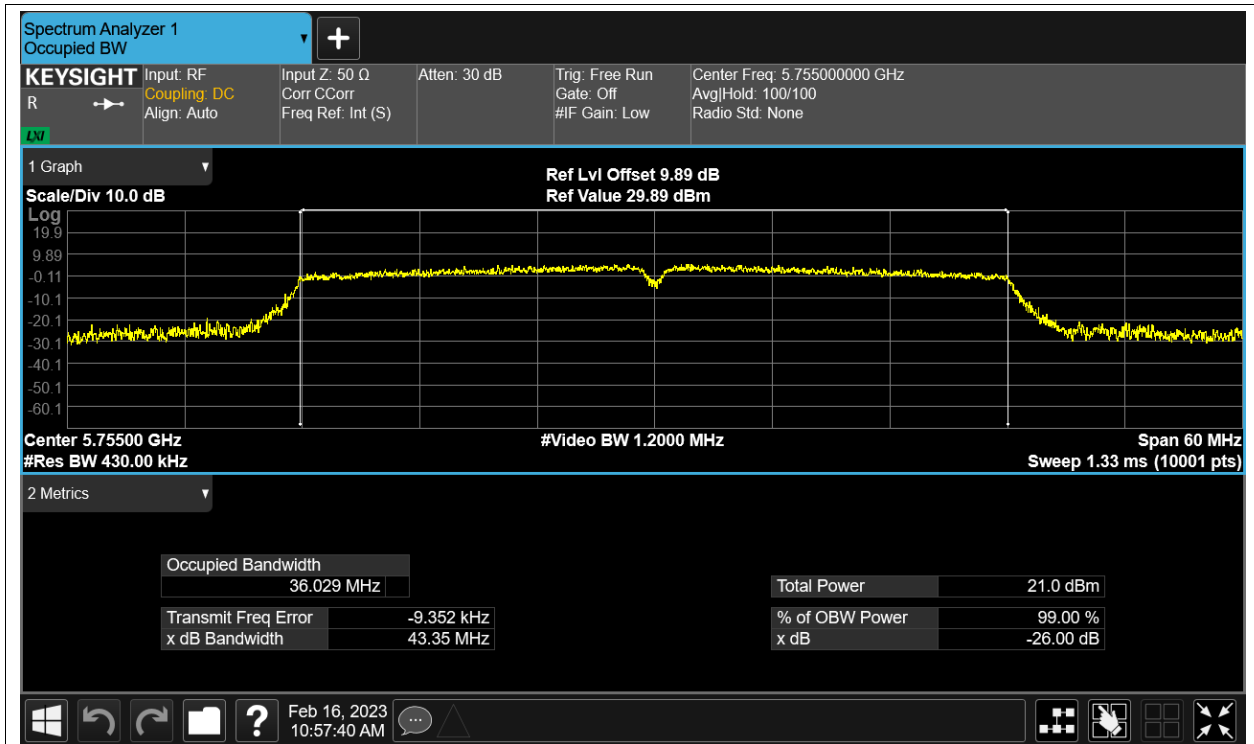
OBW NVNT ac20 5785MHz Ant2



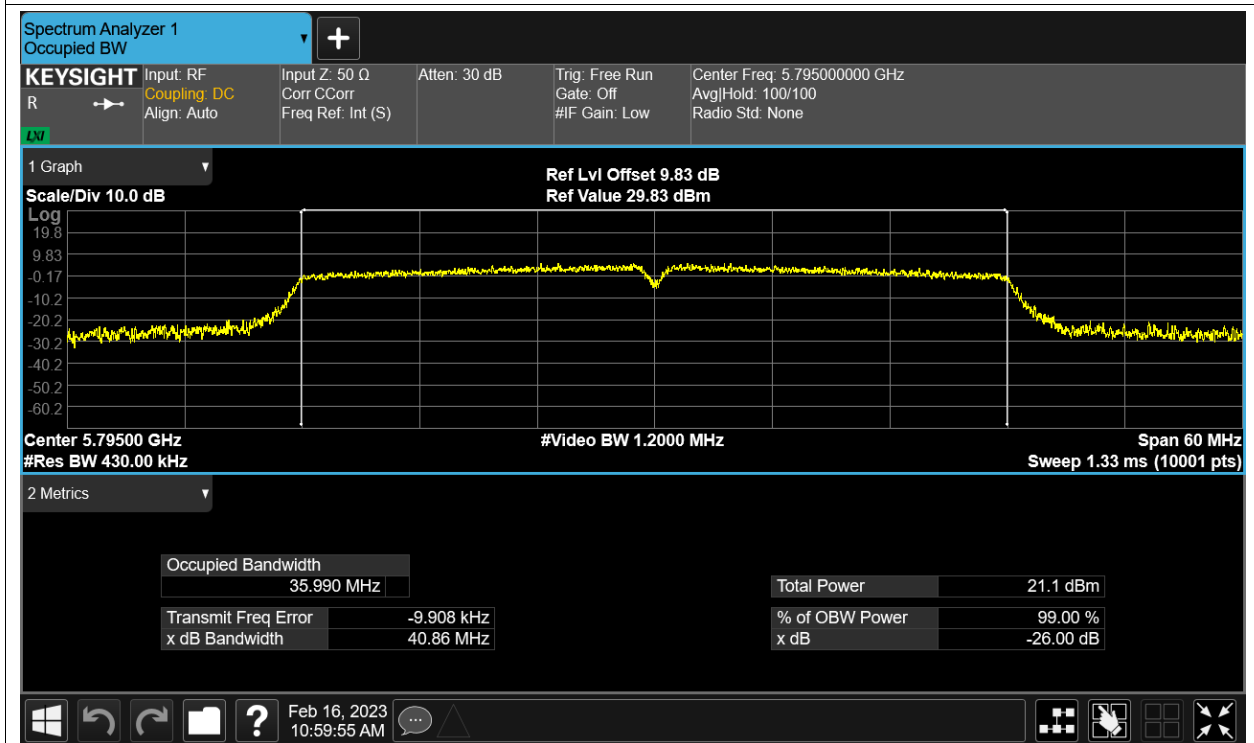
OBW NVNT ac20 5825MHz Ant2



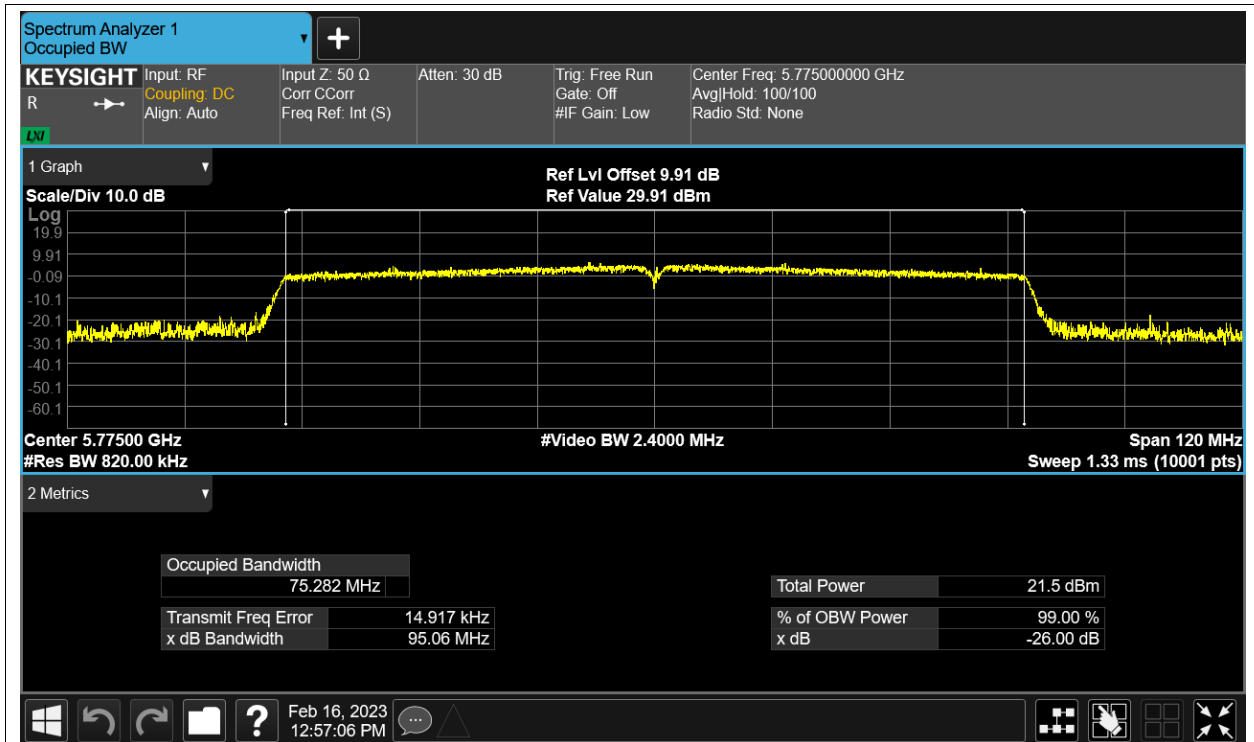
OBW NVNT ac40 5755MHz Ant2



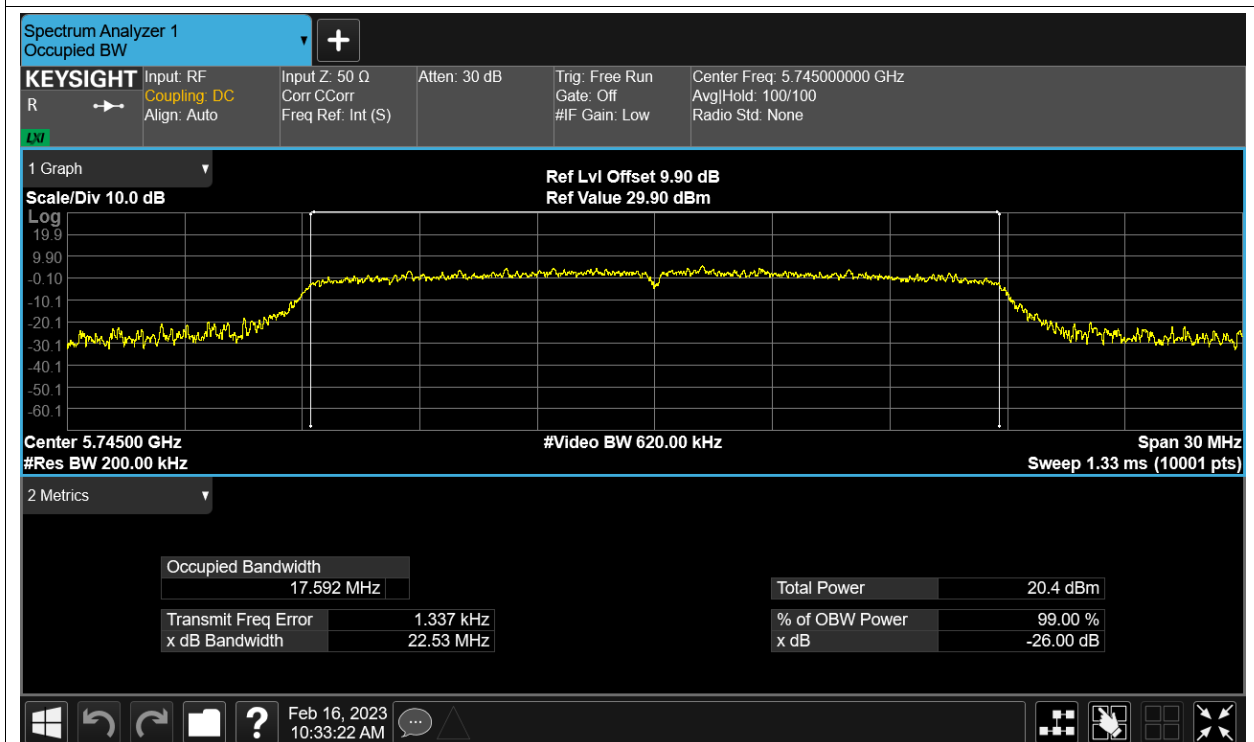
OBW NVNT ac40 5795MHz Ant2



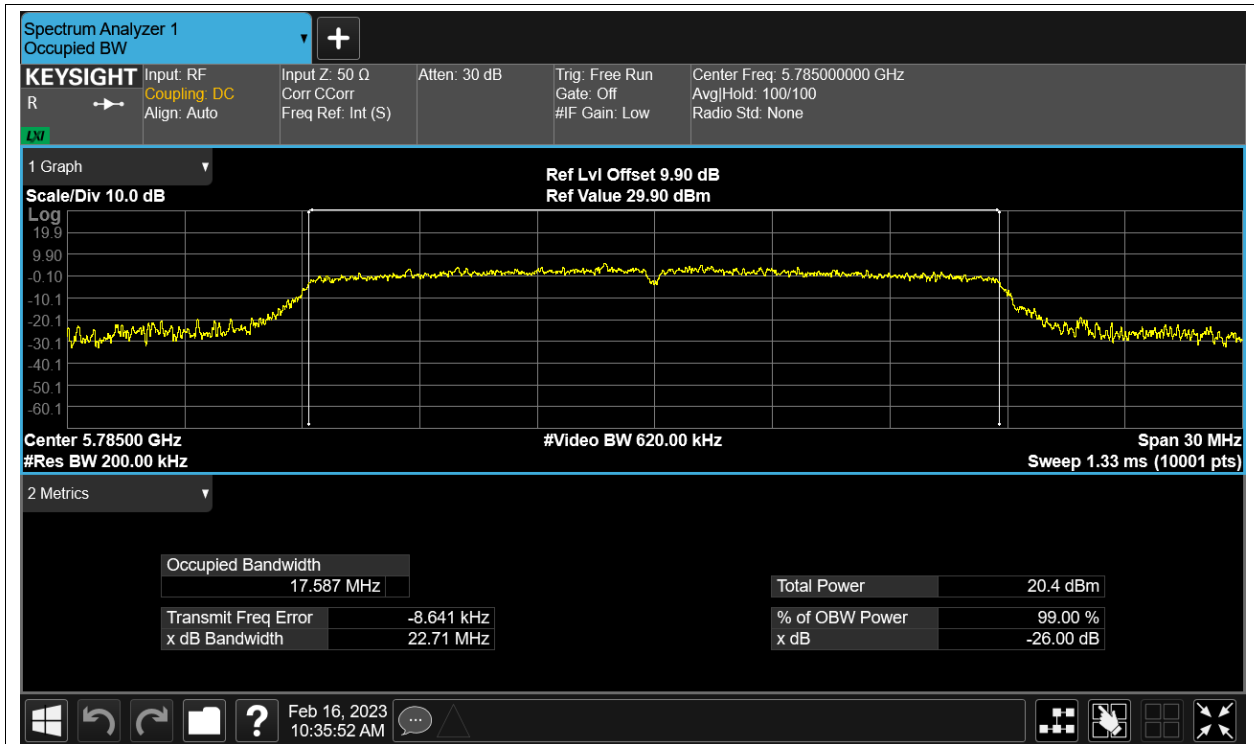
OBW NVNT ac80 5775MHz Ant2



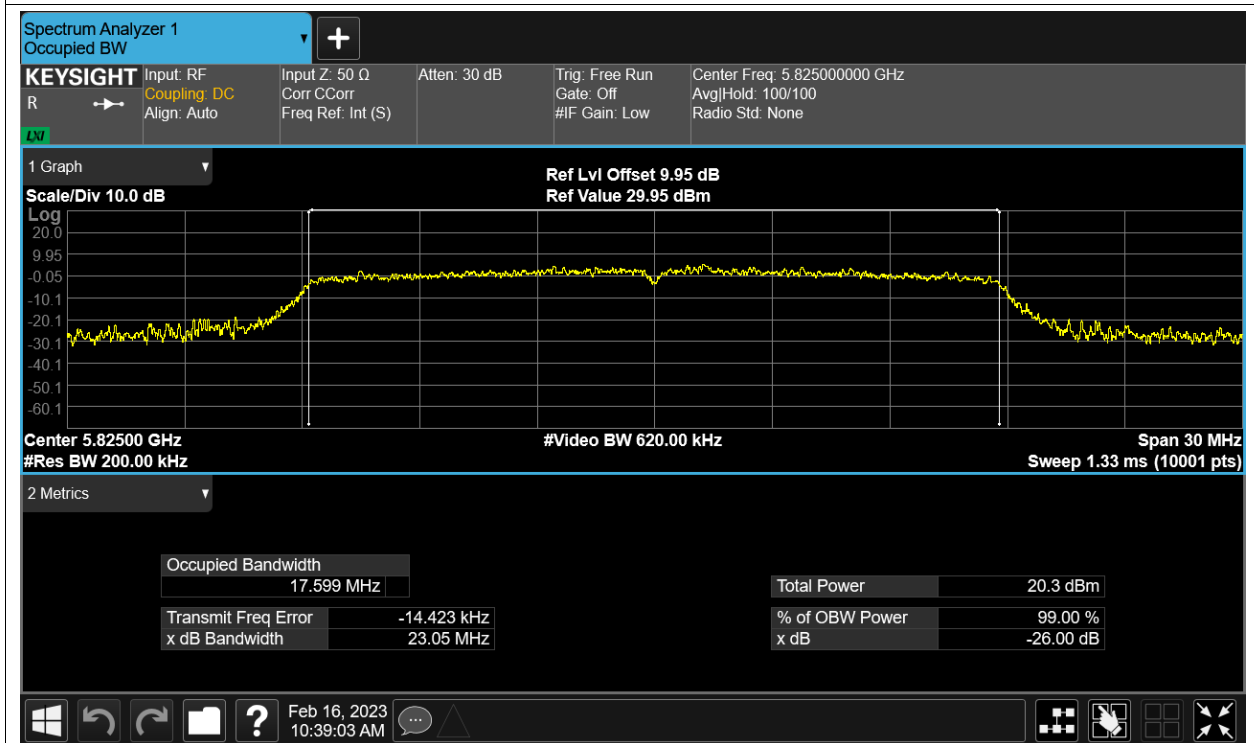
OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2

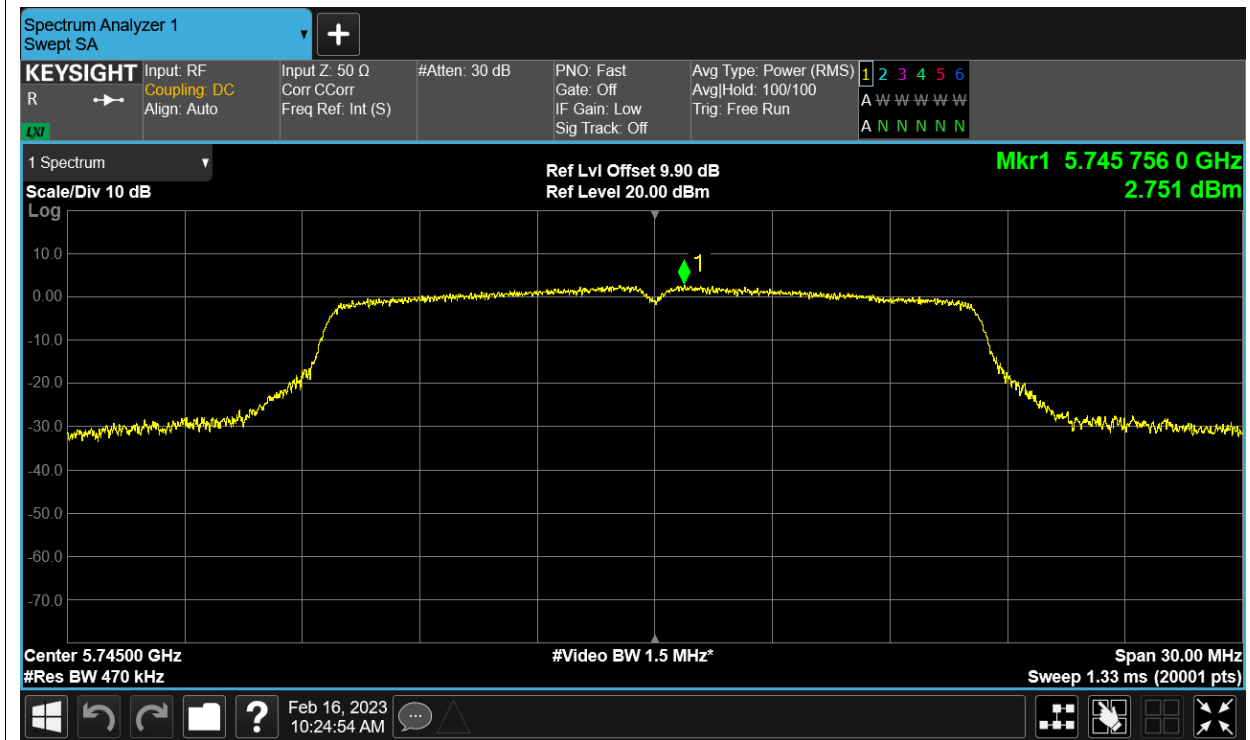


Maximum Power Spectral Density Level

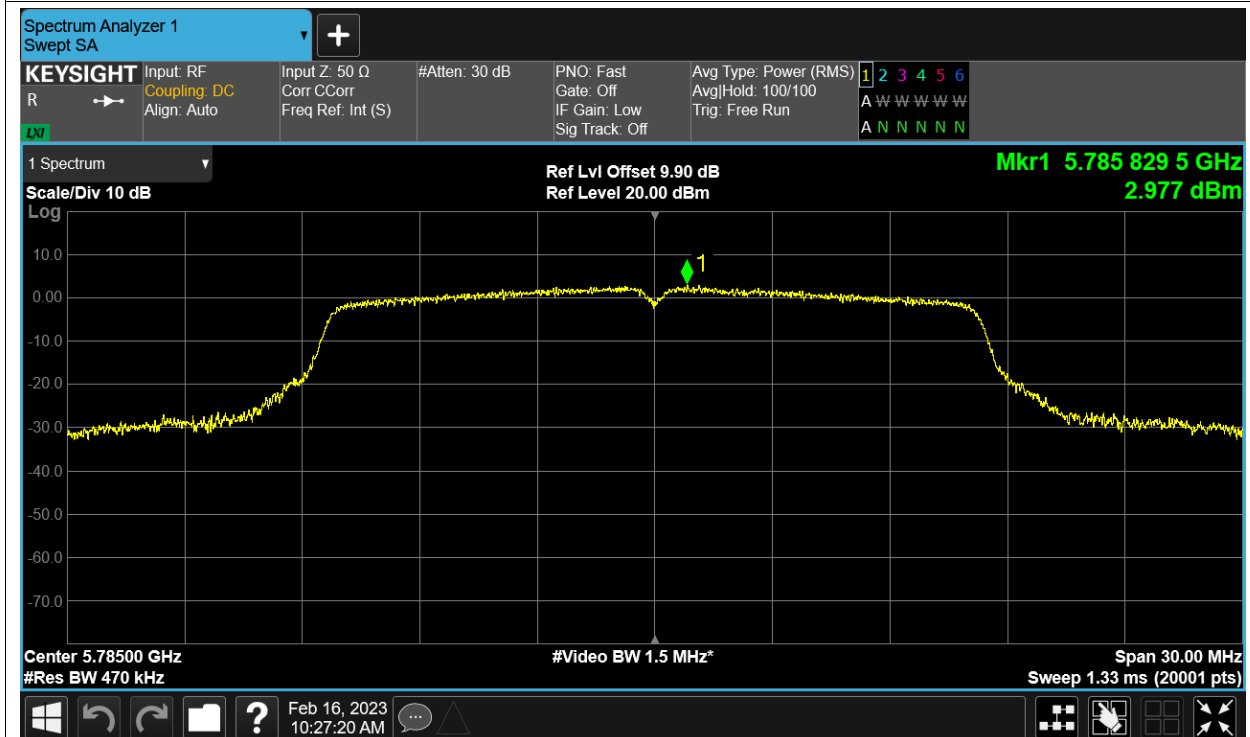
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	2.751	30	Pass
NVNT	a	5785	Ant2	2.977	30	Pass
NVNT	a	5825	Ant2	2.439	30	Pass
NVNT	ac20	5745	Ant2	1.645	30	Pass
NVNT	ac20	5785	Ant2	1.687	30	Pass
NVNT	ac20	5825	Ant2	1.655	30	Pass
NVNT	ac40	5755	Ant2	-0.804	30	Pass
NVNT	ac40	5795	Ant2	-0.703	30	Pass
NVNT	ac80	5775	Ant2	-4.437	30	Pass
NVNT	n20	5745	Ant2	1.624	30	Pass
NVNT	n20	5785	Ant2	1.698	30	Pass
NVNT	n20	5825	Ant2	1.445	30	Pass
NVNT	n40	5755	Ant2	-0.747	30	Pass
NVNT	n40	5795	Ant2	-0.797	30	Pass

Test Graphs

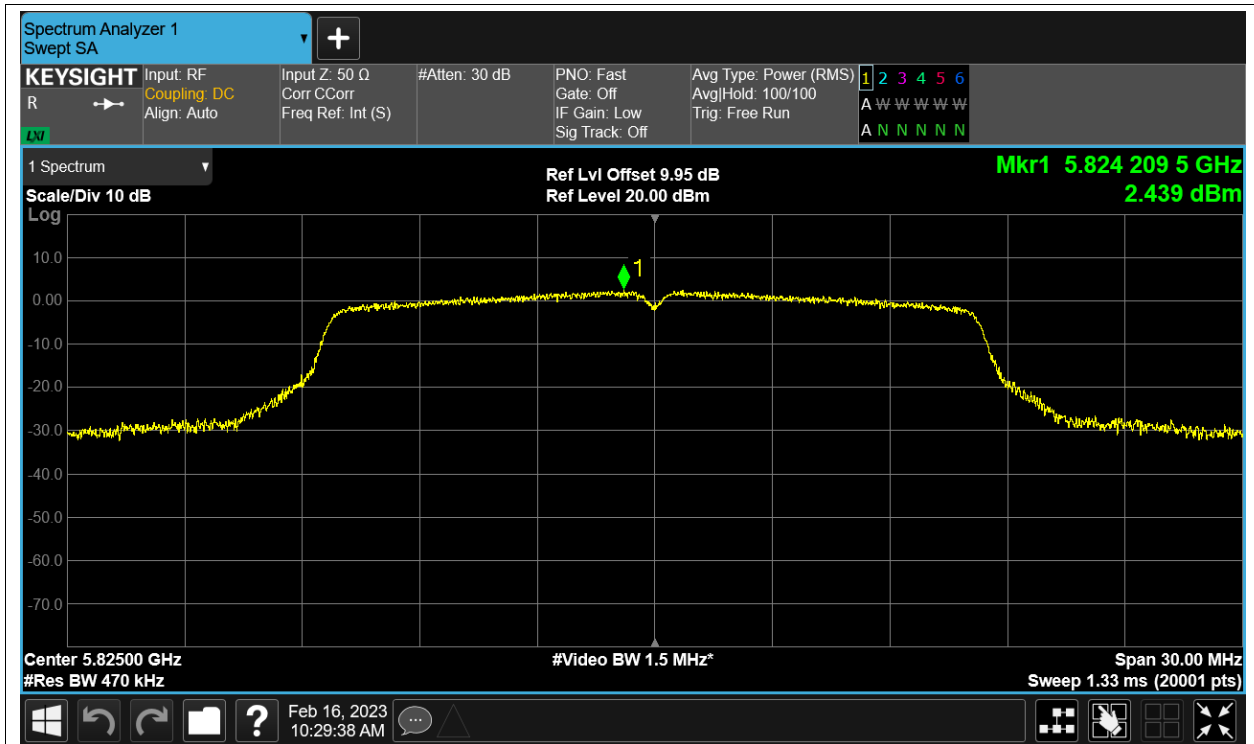
PSD NVNT a 5745MHz Ant2



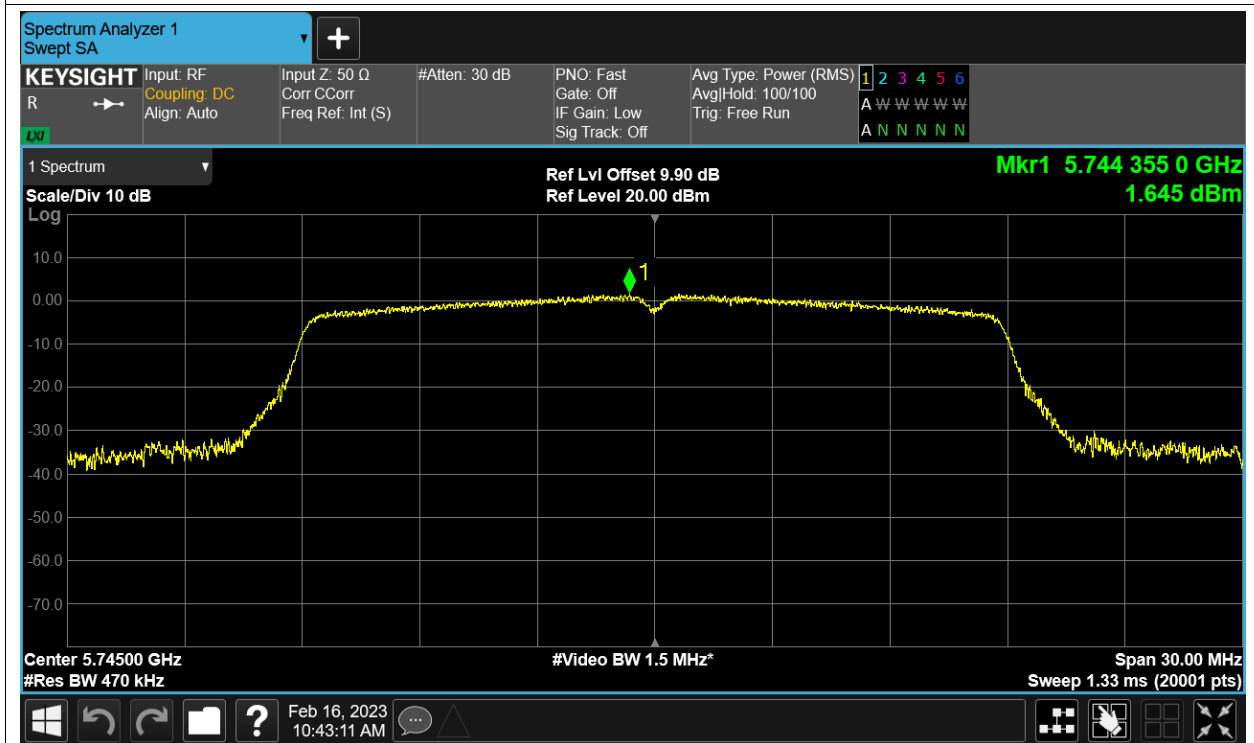
PSD NVNT a 5785MHz Ant2



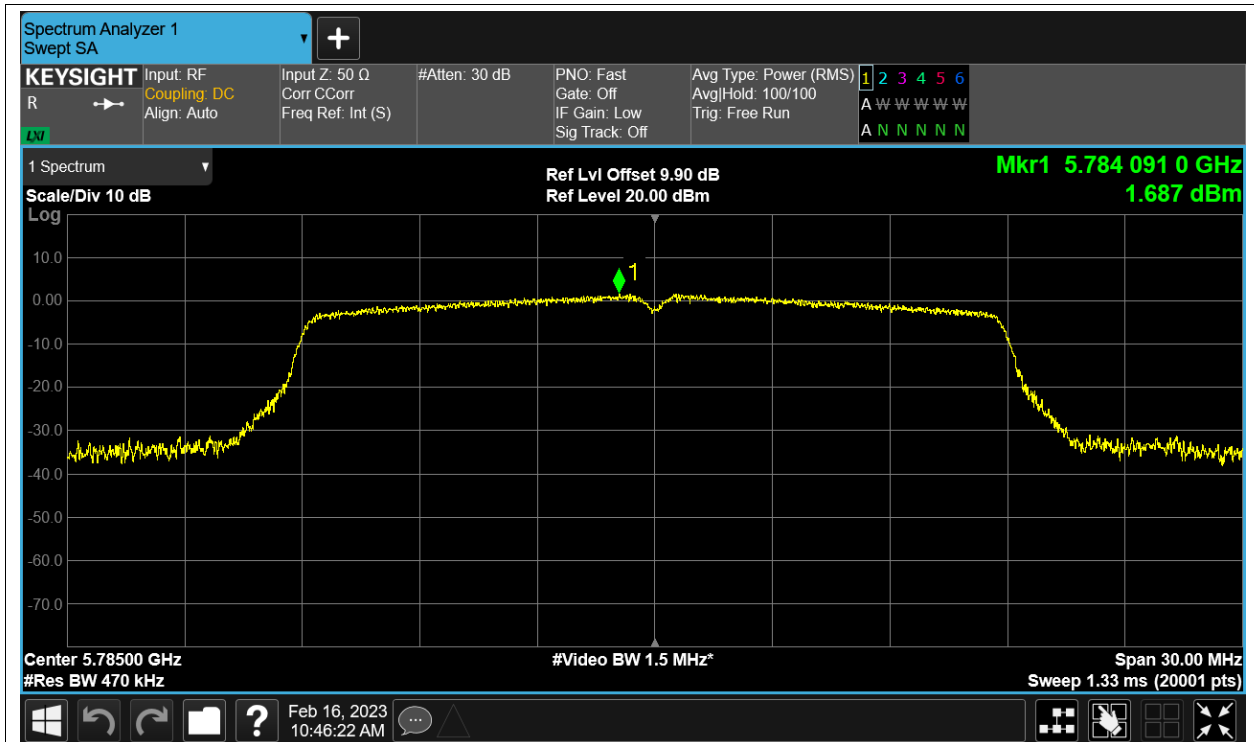
PSD NVNT a 5825MHz Ant2



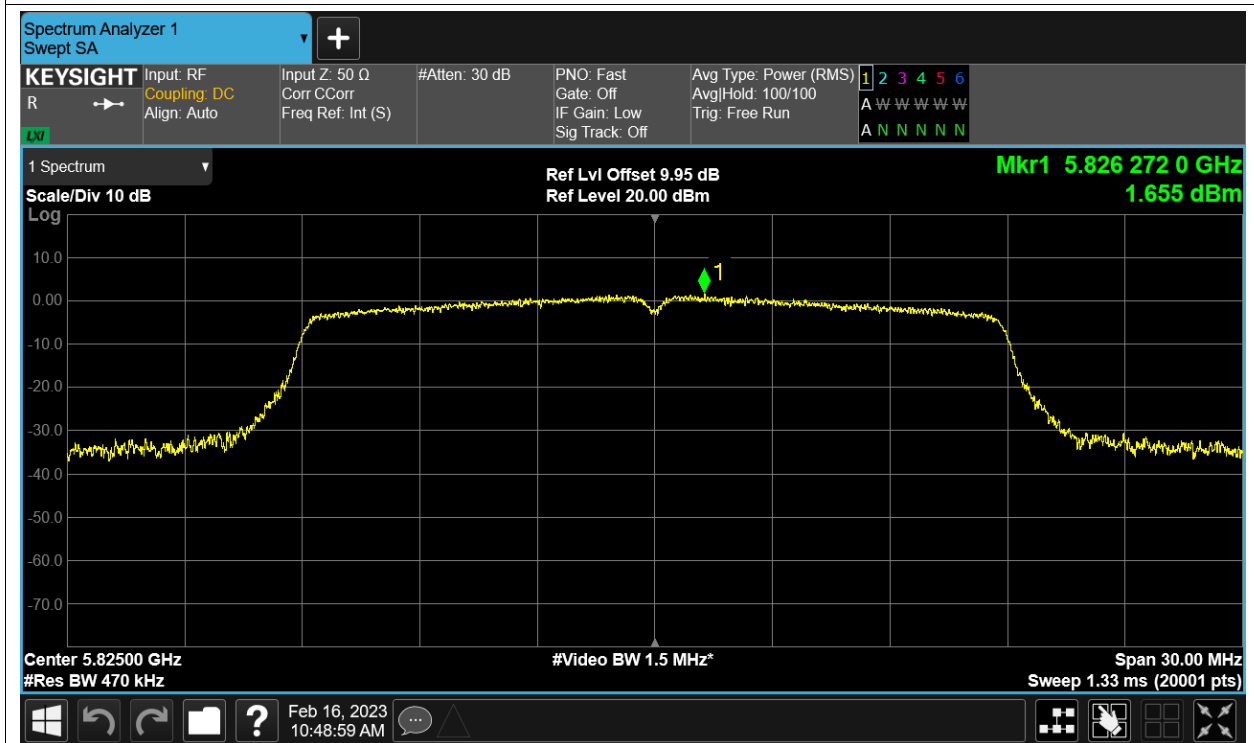
PSD NVNT ac20 5745MHz Ant2



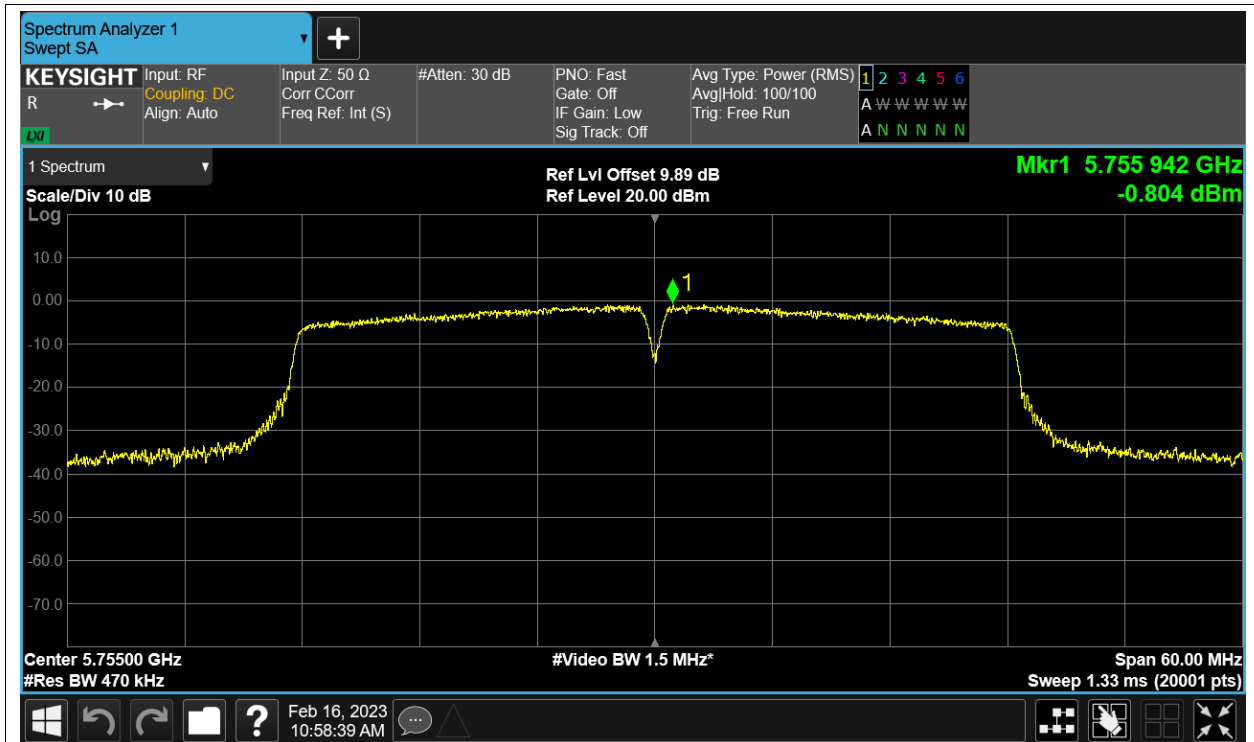
PSD NVNT ac20 5785MHz Ant2



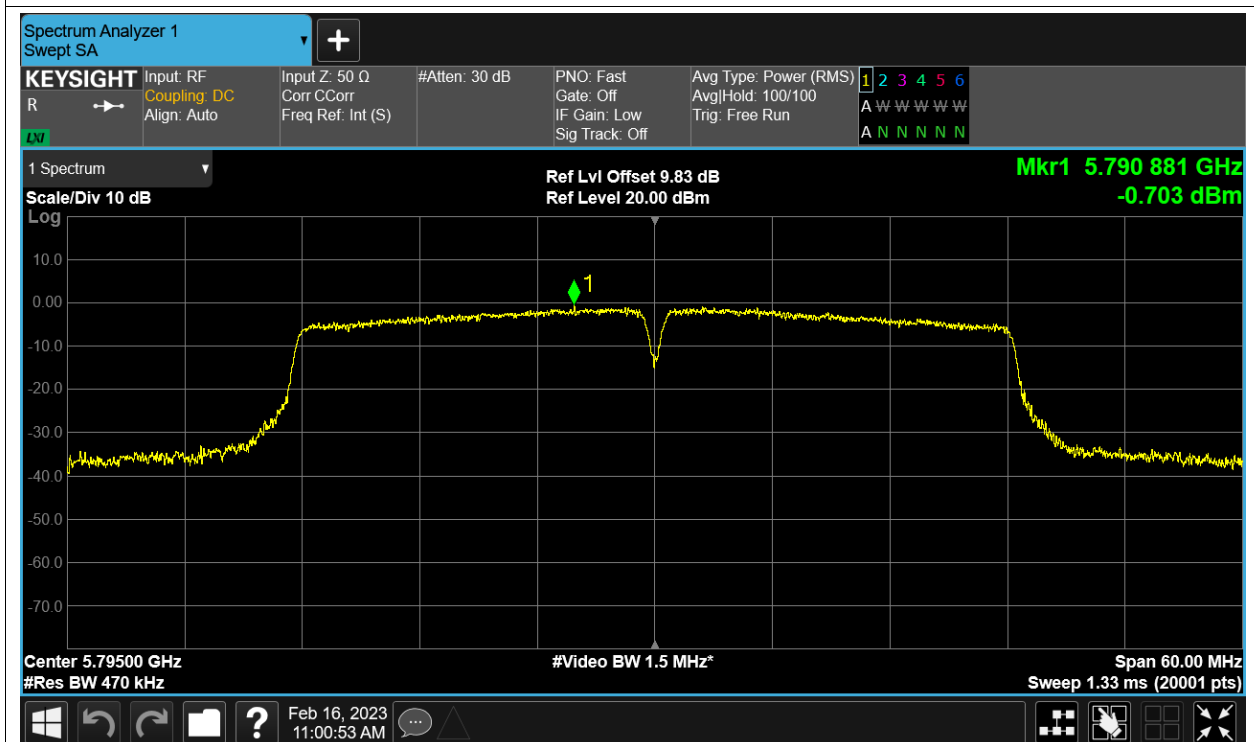
PSD NVNT ac20 5825MHz Ant2



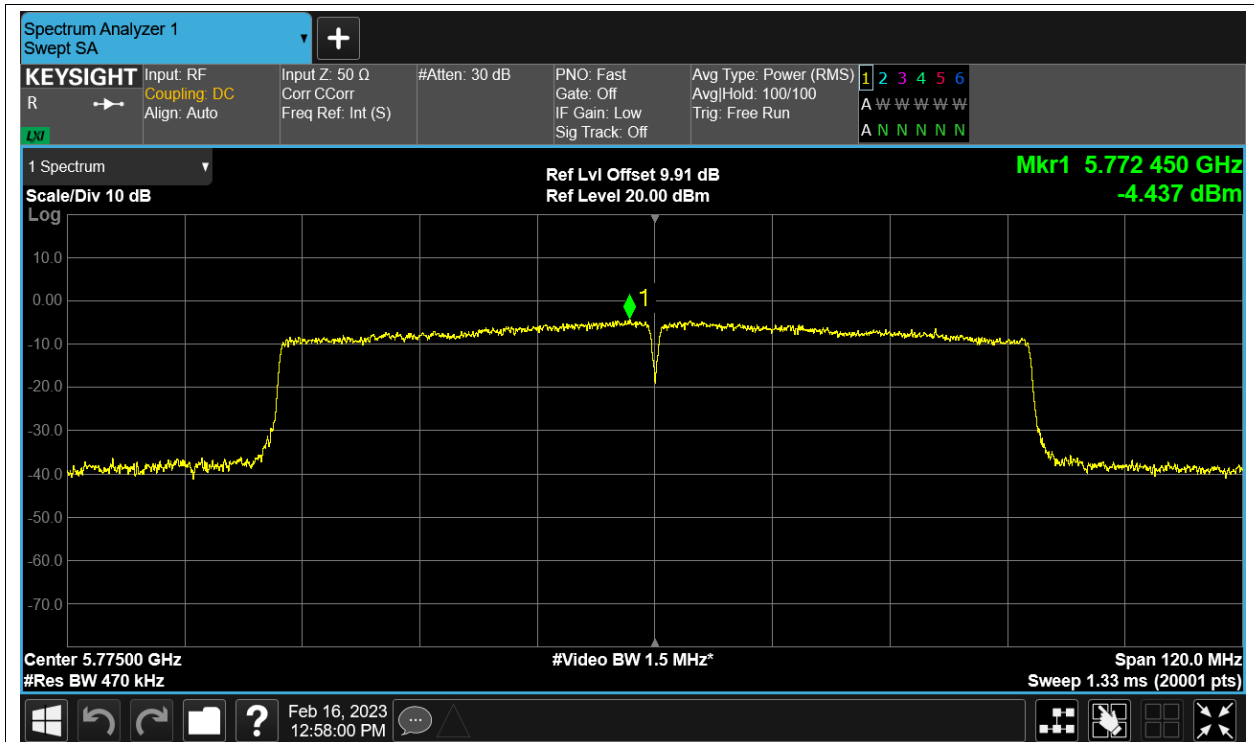
PSD NVNT ac40 5755MHz Ant2



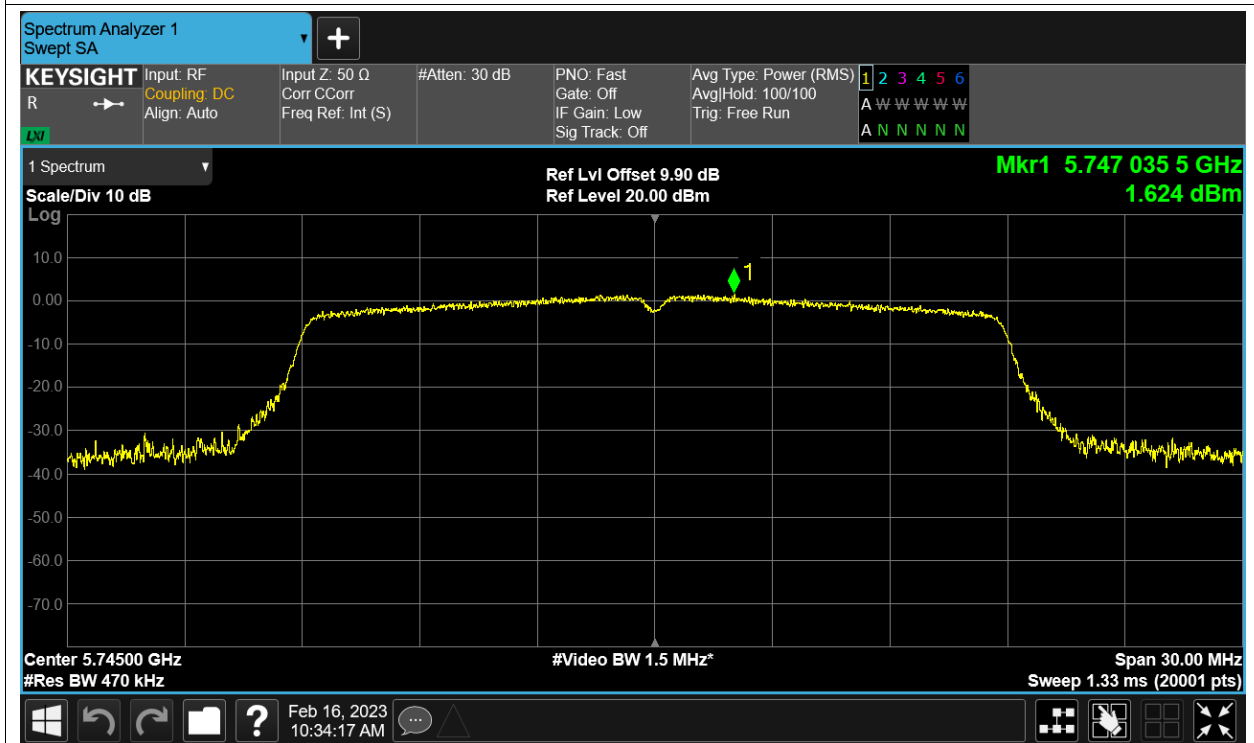
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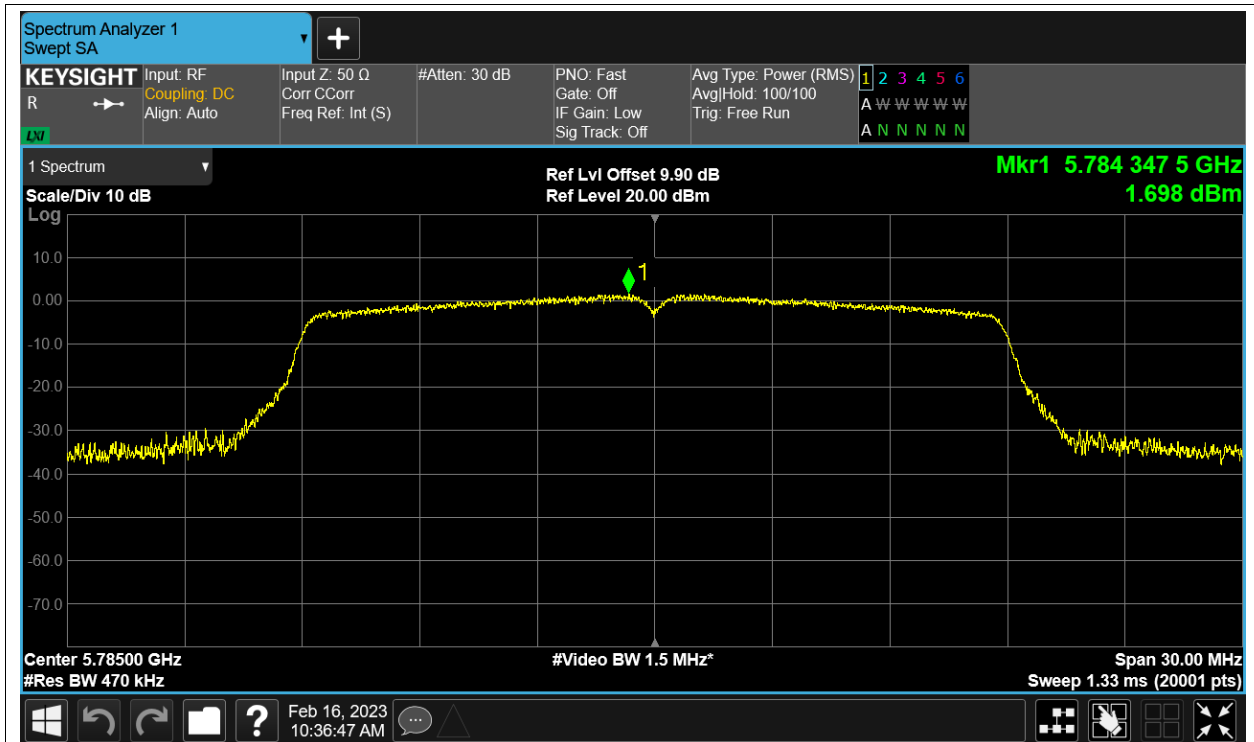
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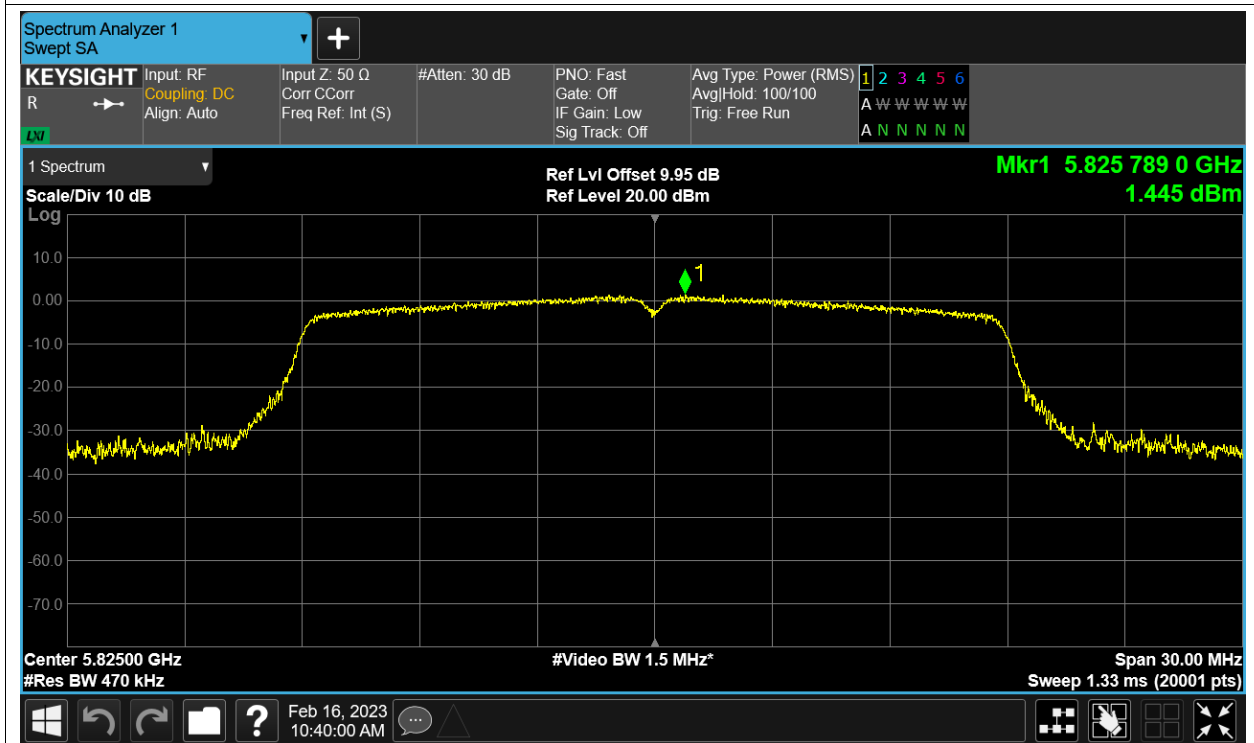
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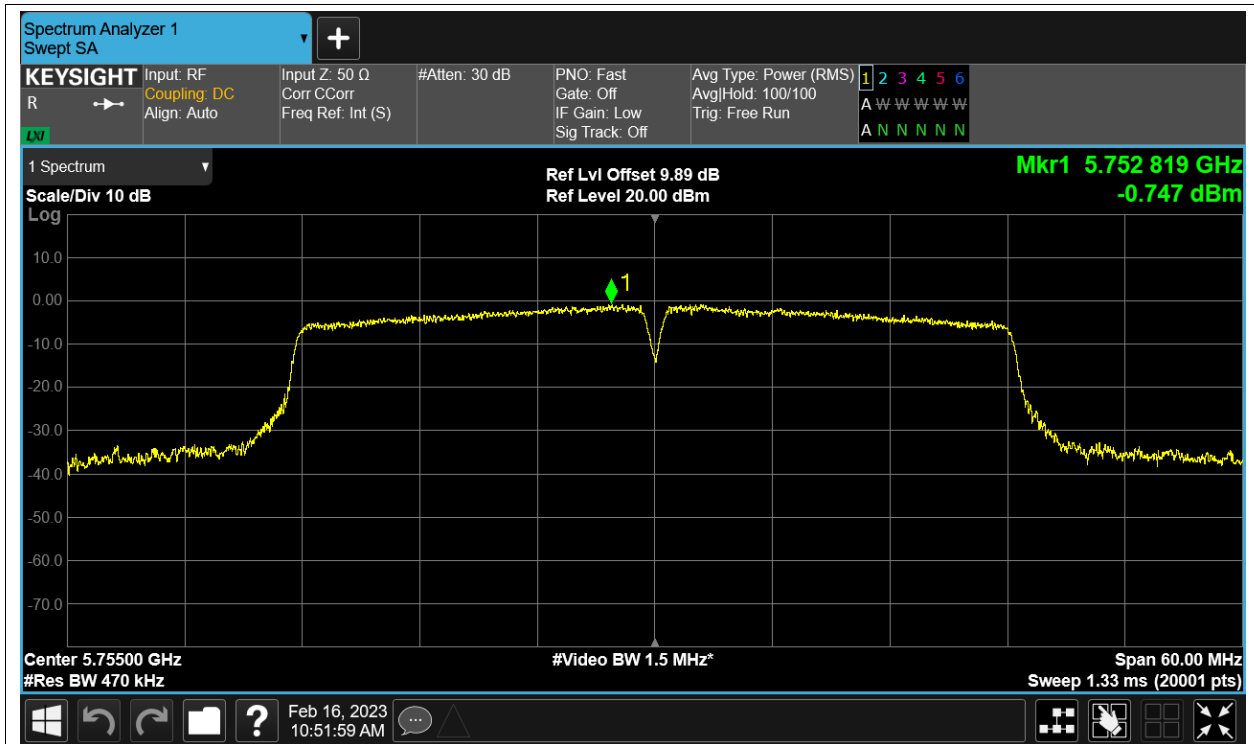
PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

