

## Test Data

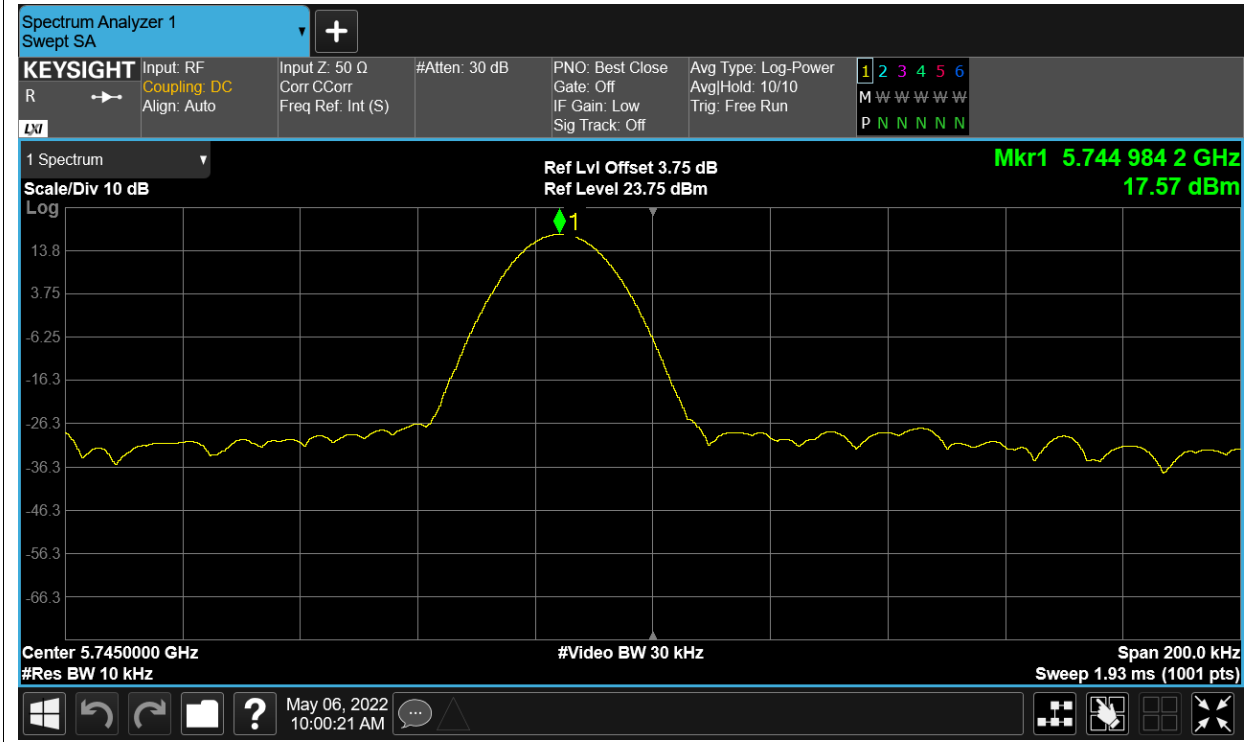
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.9842	-2.75	Within authorized band	Pass
LVNT	a	5745	Ant1	5744.9844	-2.72		Pass
NVHT	a	5745	Ant1	5744.985	-2.61		Pass
NVLT	a	5745	Ant1	5744.9854	-2.54		Pass
NVNT	a	5745	Ant1	5744.9892	-1.88		Pass
HVNT	ac80	5775	Ant1	5774.9818	-3.15		Pass
LVNT	ac80	5775	Ant1	5774.982	-3.12		Pass
NVHT	ac80	5775	Ant1	5774.9824	-3.05		Pass
NVLT	ac80	5775	Ant1	5774.9828	-2.98		Pass
NVNT	ac80	5775	Ant1	5774.9836	-2.84		Pass
HVNT	n40	5755	Ant1	5754.9822	-3.09		Pass
LVNT	n40	5755	Ant1	5754.9824	-3.06		Pass
NVHT	n40	5755	Ant1	5754.9826	-3.02		Pass
NVLT	n40	5755	Ant1	5754.983	-2.95		Pass
NVNT	n40	5755	Ant1	5754.9838	-2.81		Pass

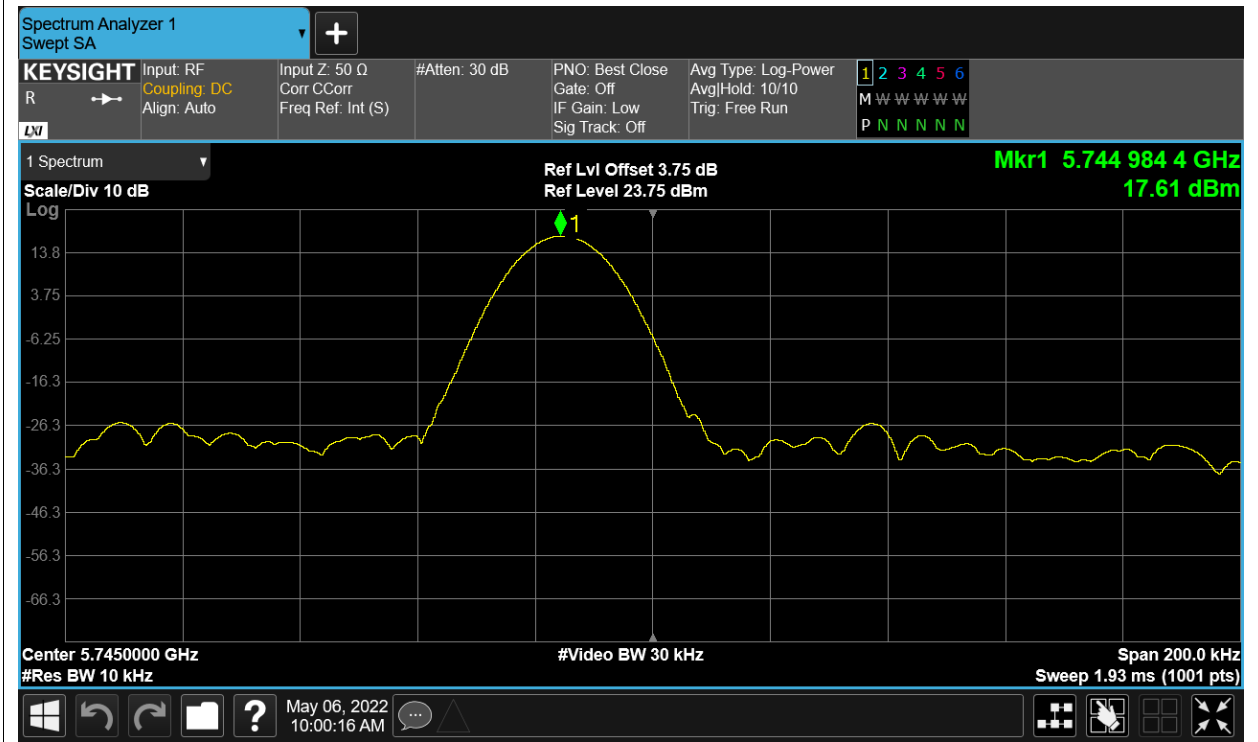
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

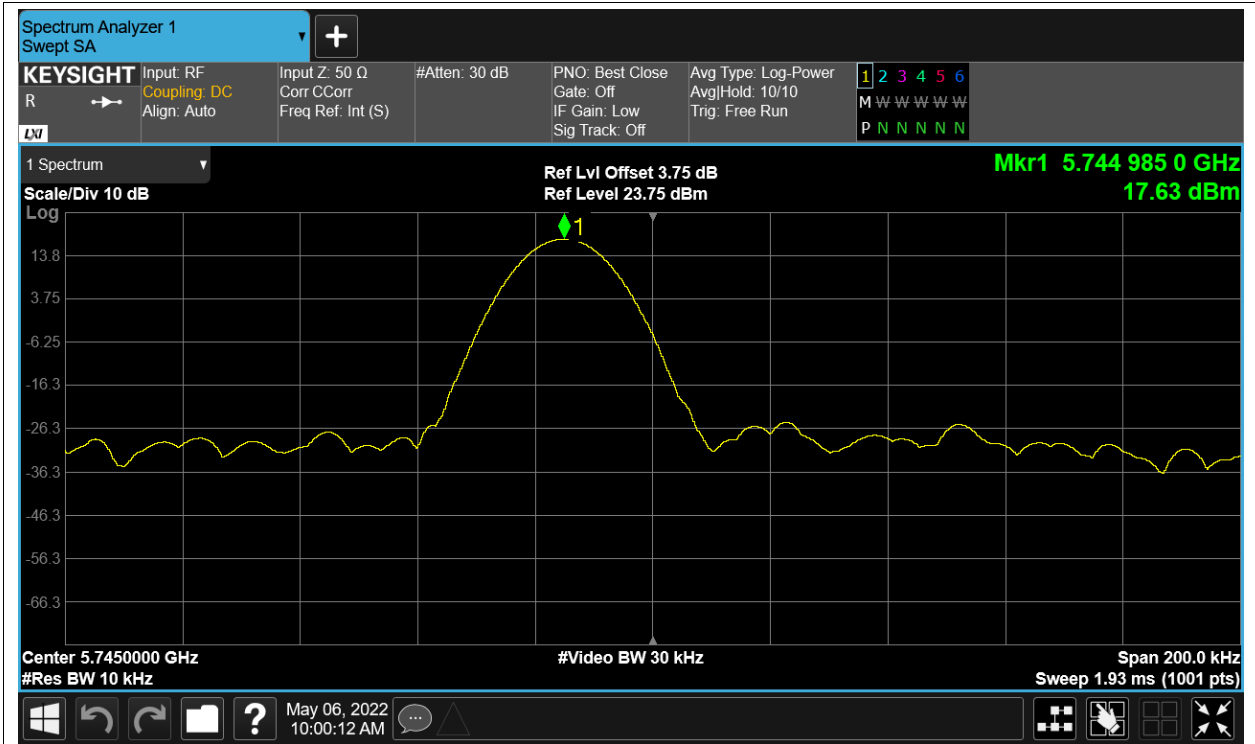
Freq. Stability HVNT a 5745MHz Ant1



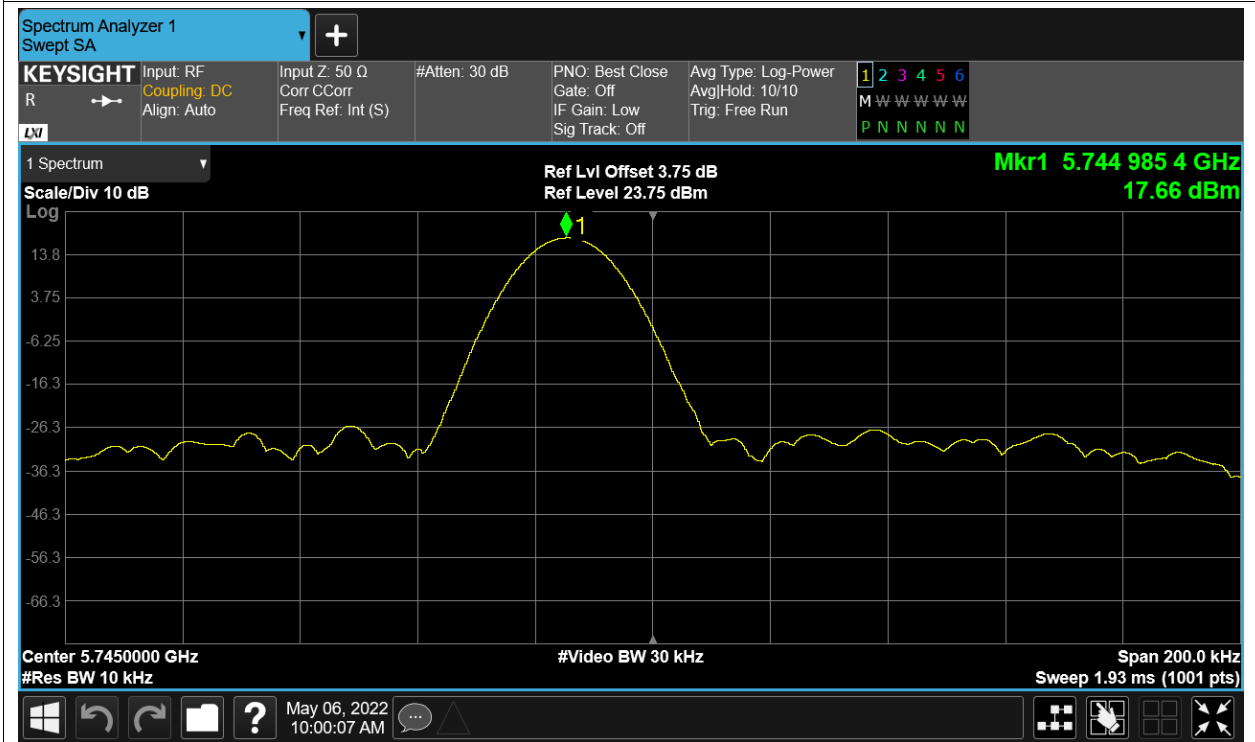
Freq. Stability LVNT a 5745MHz Ant1



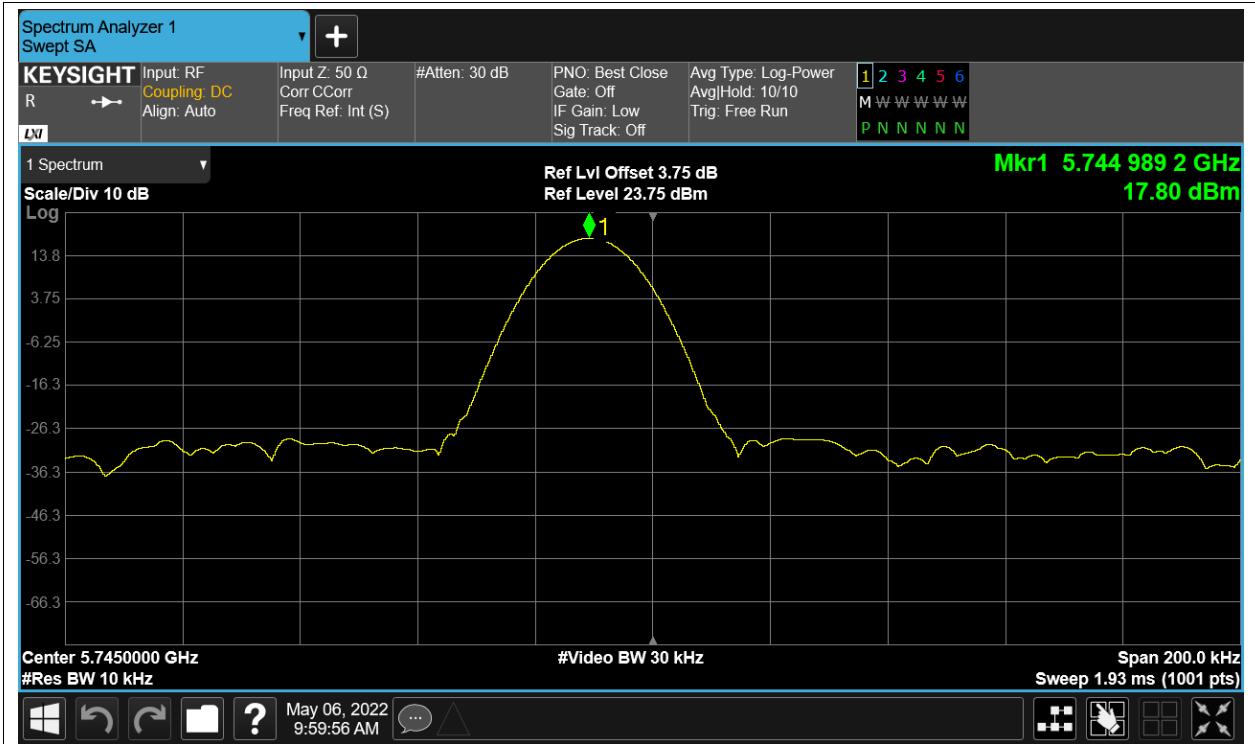
Freq. Stability NVHT a 5745MHz Ant1



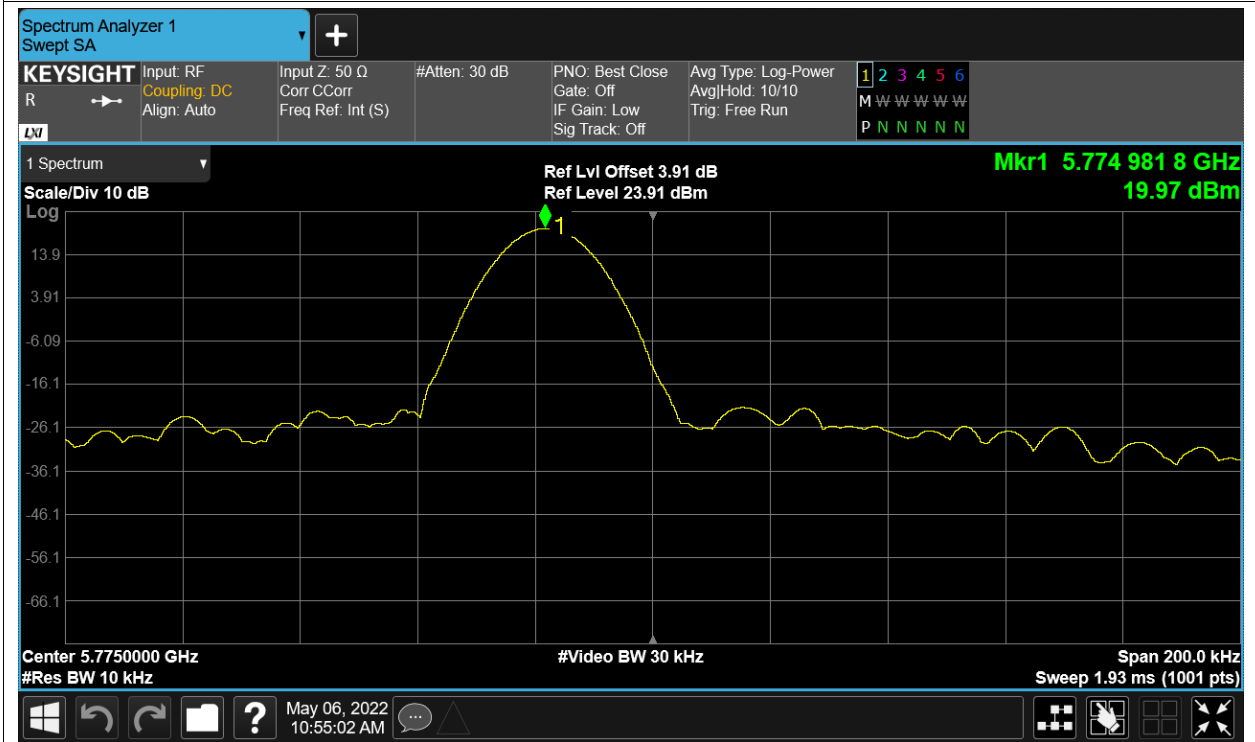
Freq. Stability NVLT a 5745MHz Ant1



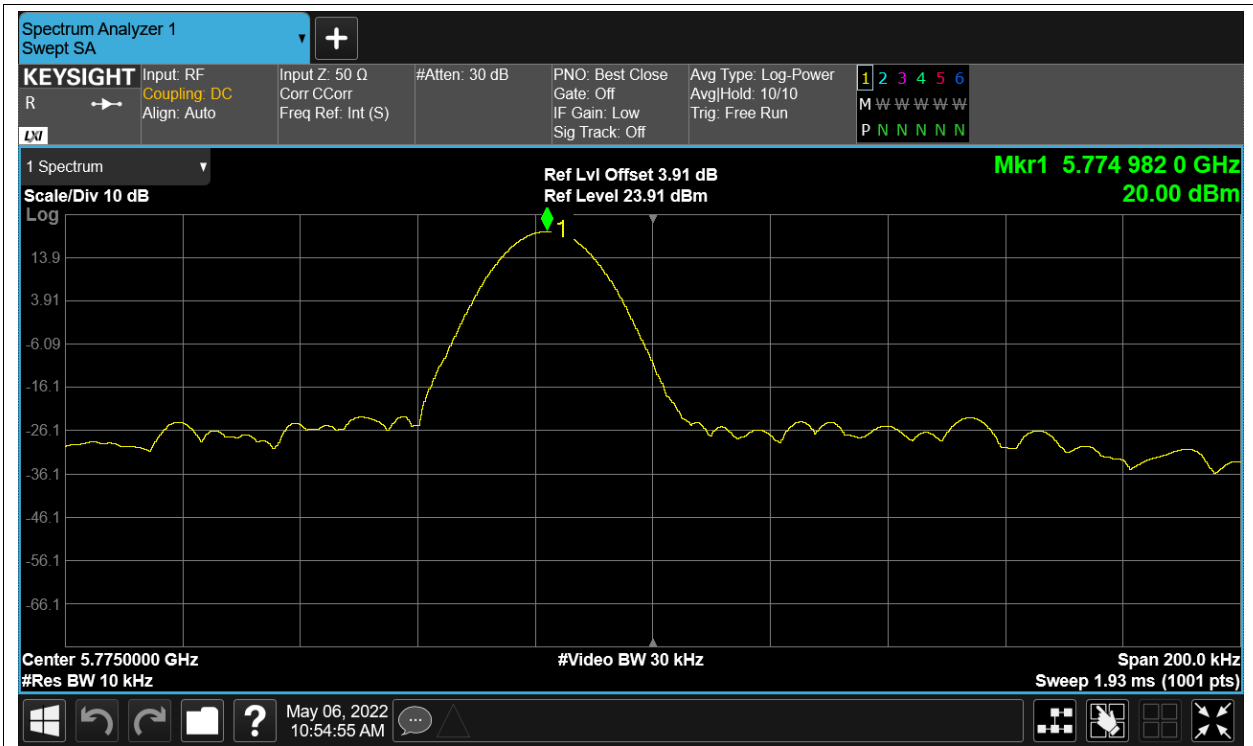
Freq. Stability NVNT a 5745MHz Ant1



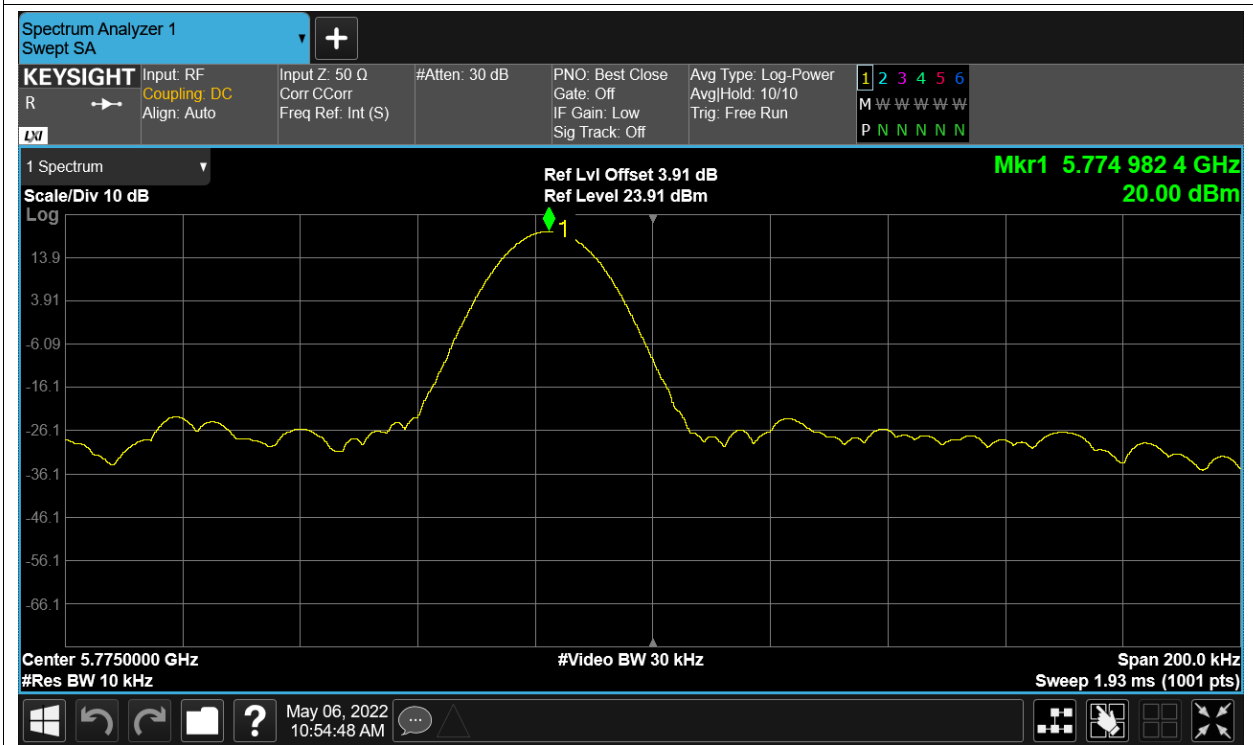
Freq. Stability HVNT ac80 5775MHz Ant1



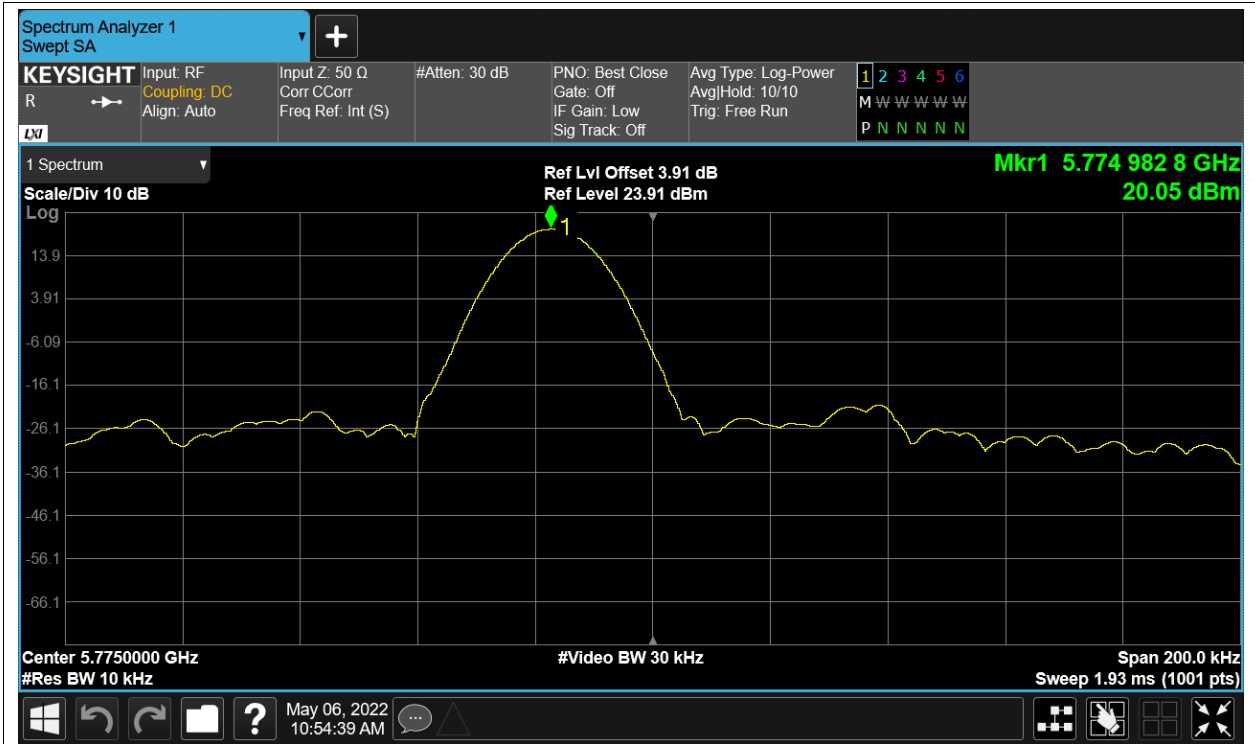
Freq. Stability LVNT ac80 5775MHz Ant1



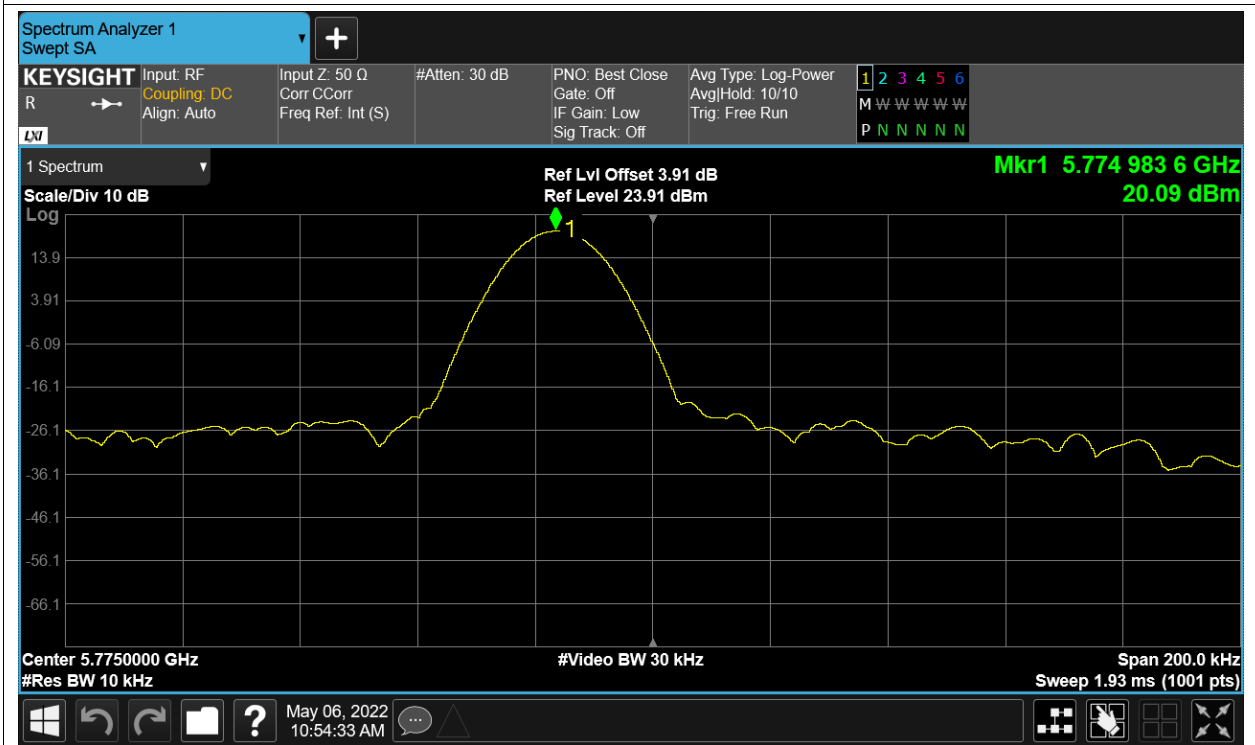
Freq. Stability NVHT ac80 5775MHz Ant1



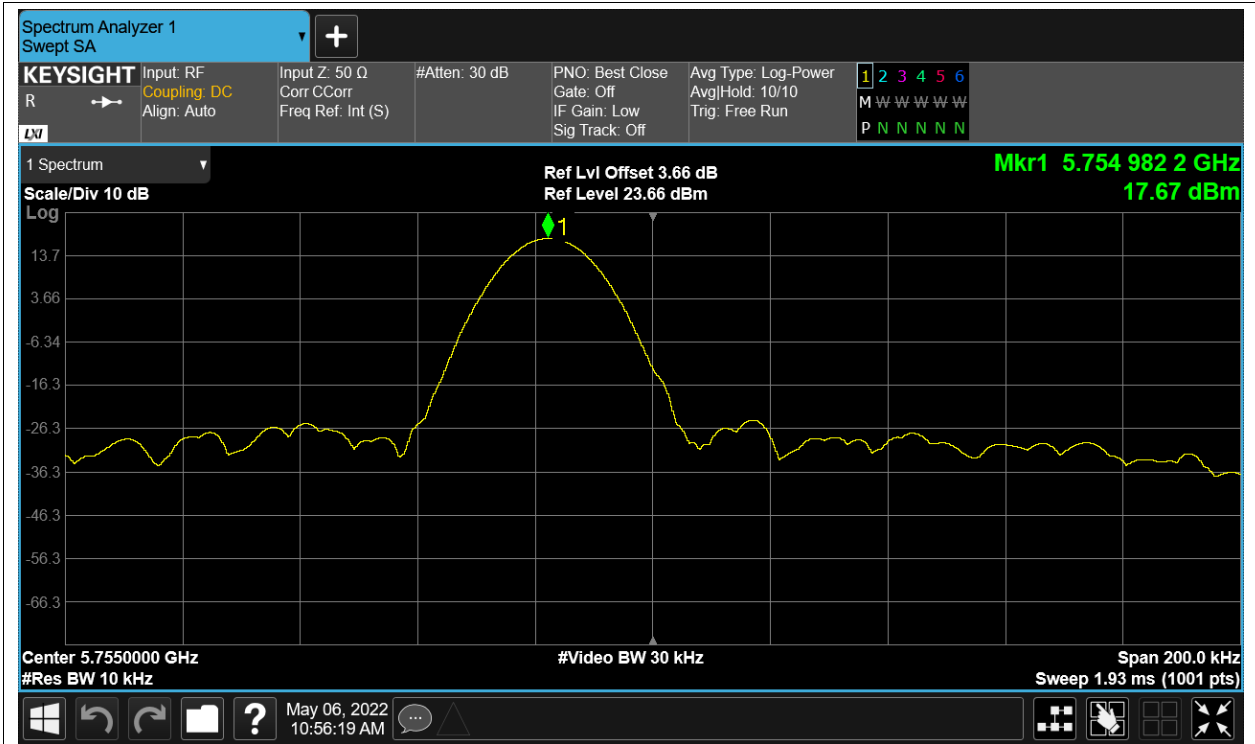
Freq. Stability NVLT ac80 5775MHz Ant1



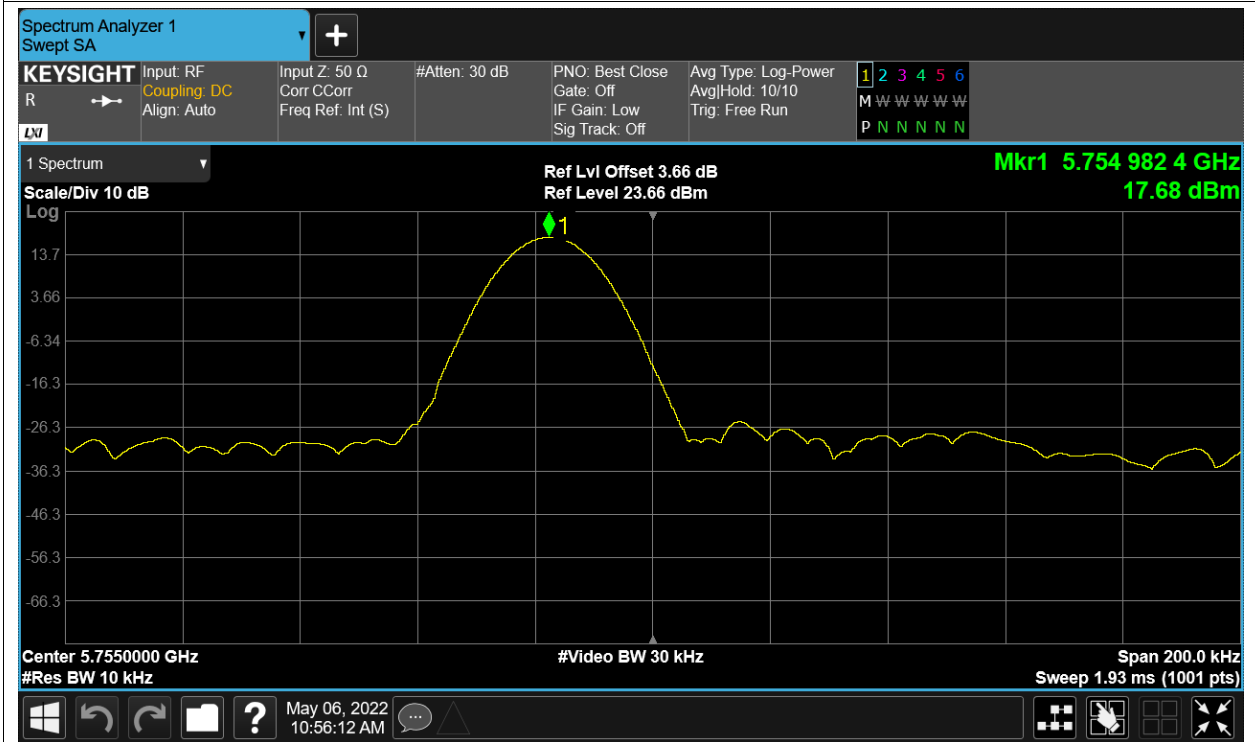
Freq. Stability NVNT ac80 5775MHz Ant1



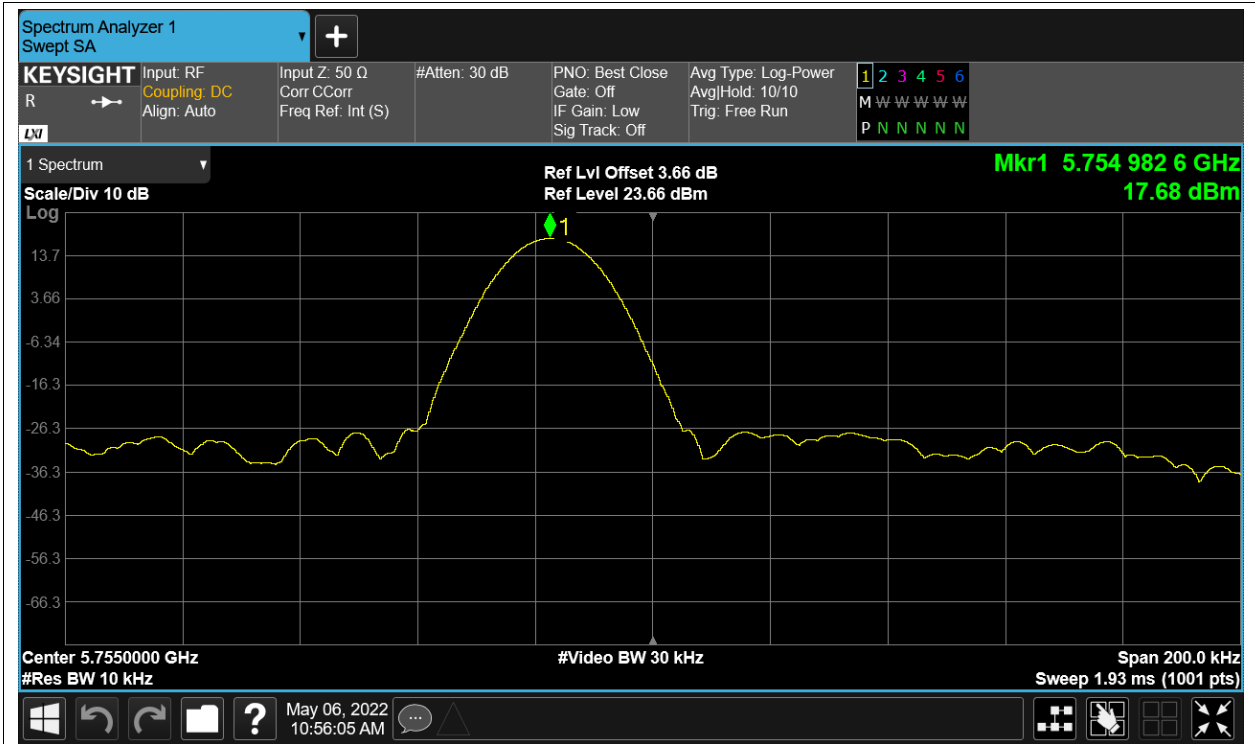
Freq. Stability HVNT n40 5755MHz Ant1



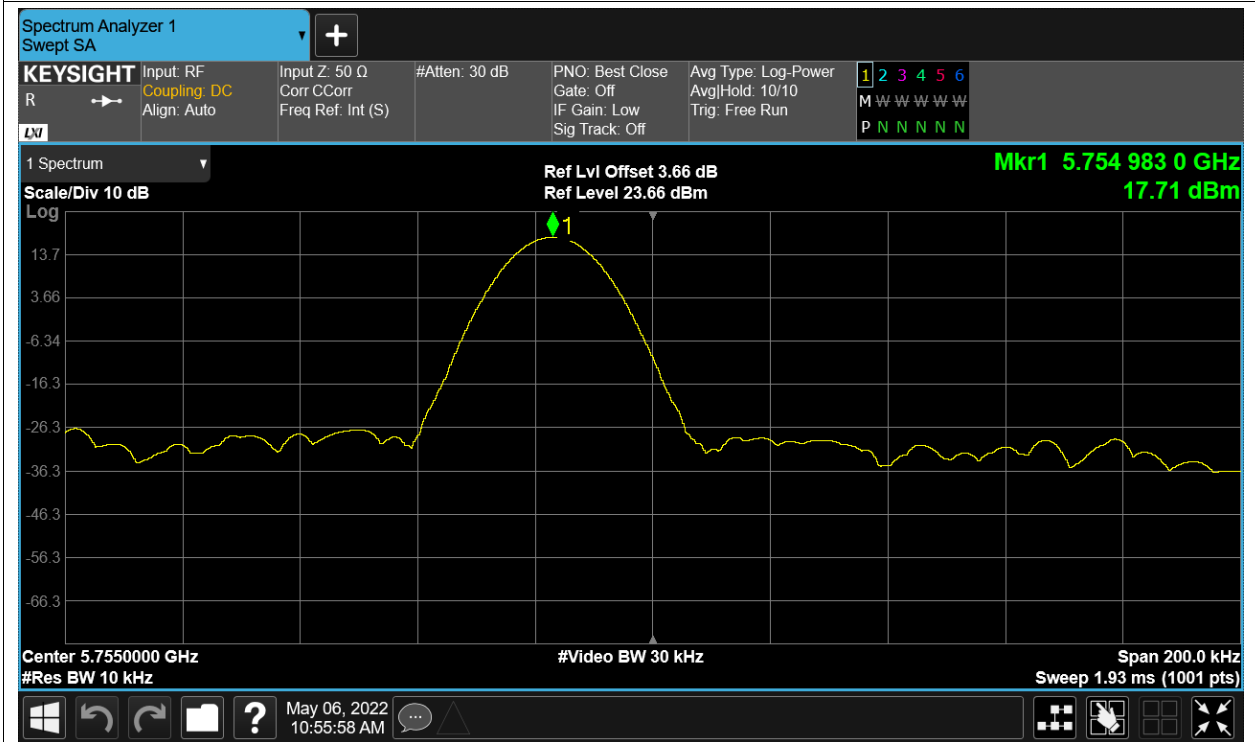
Freq. Stability LVNT n40 5755MHz Ant1



Freq. Stability NVHT n40 5755MHz Ant1

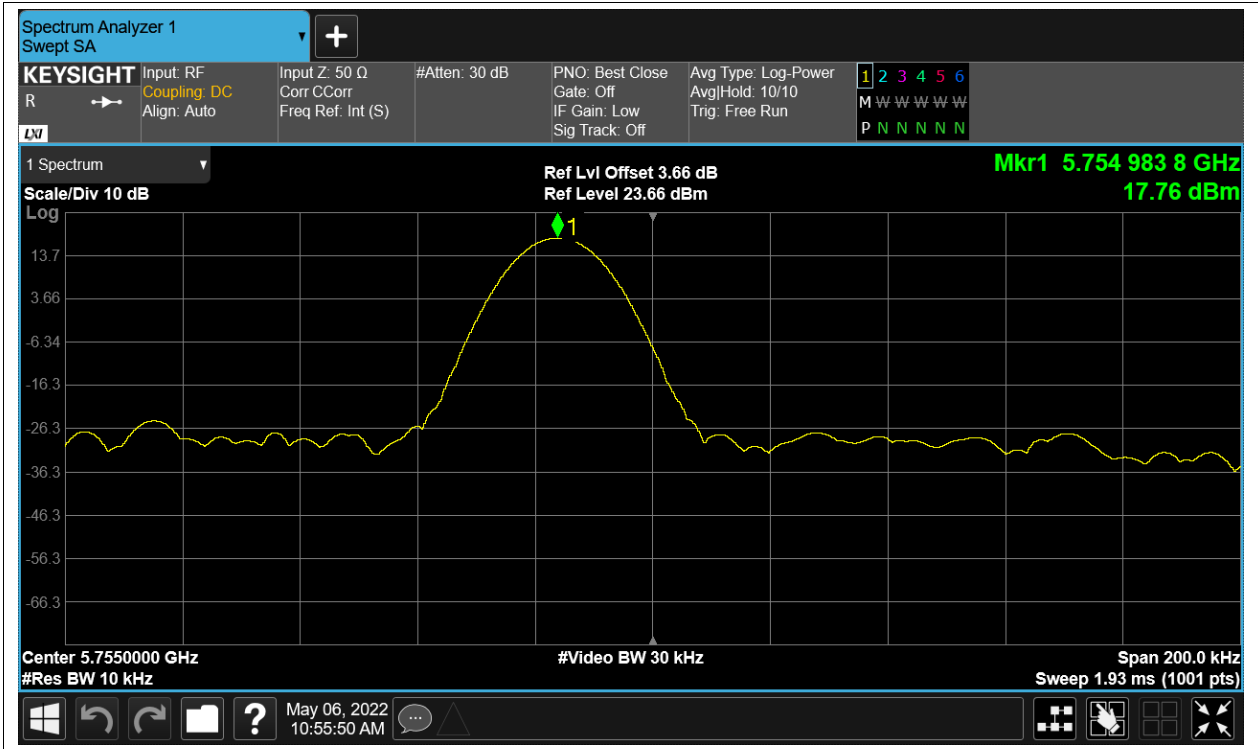


Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1



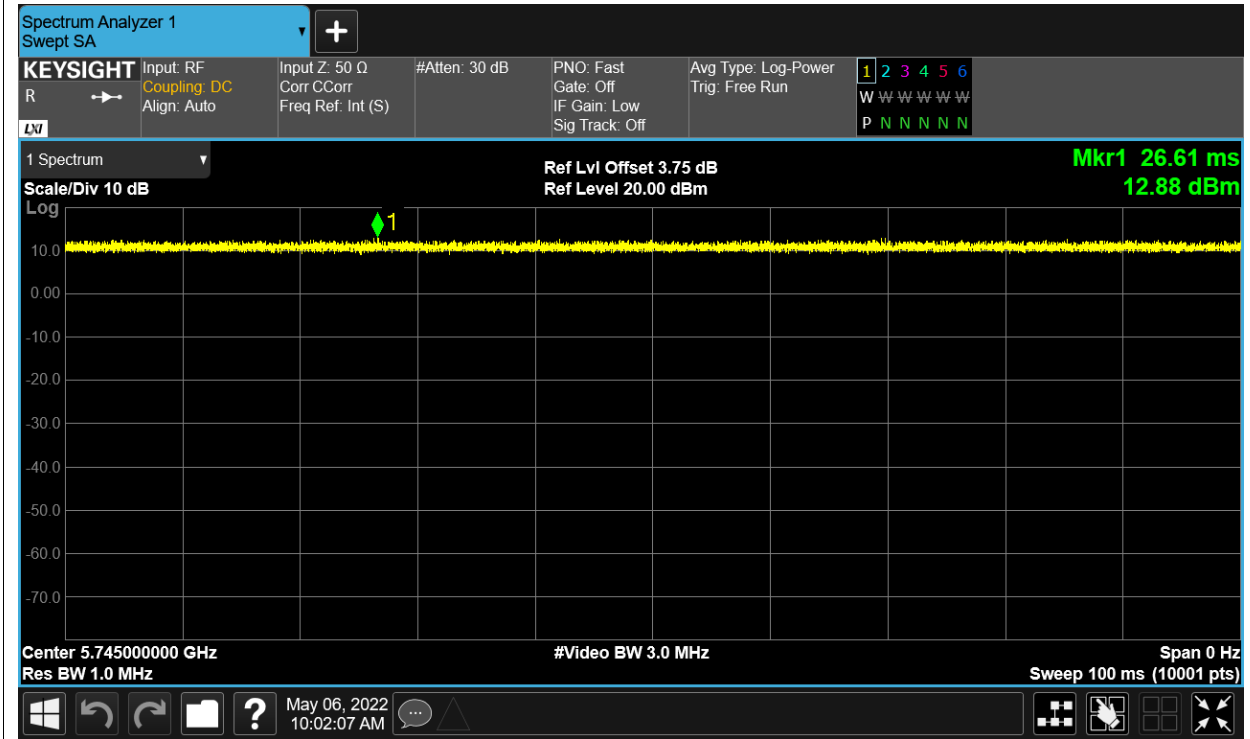


## Duty Cycle

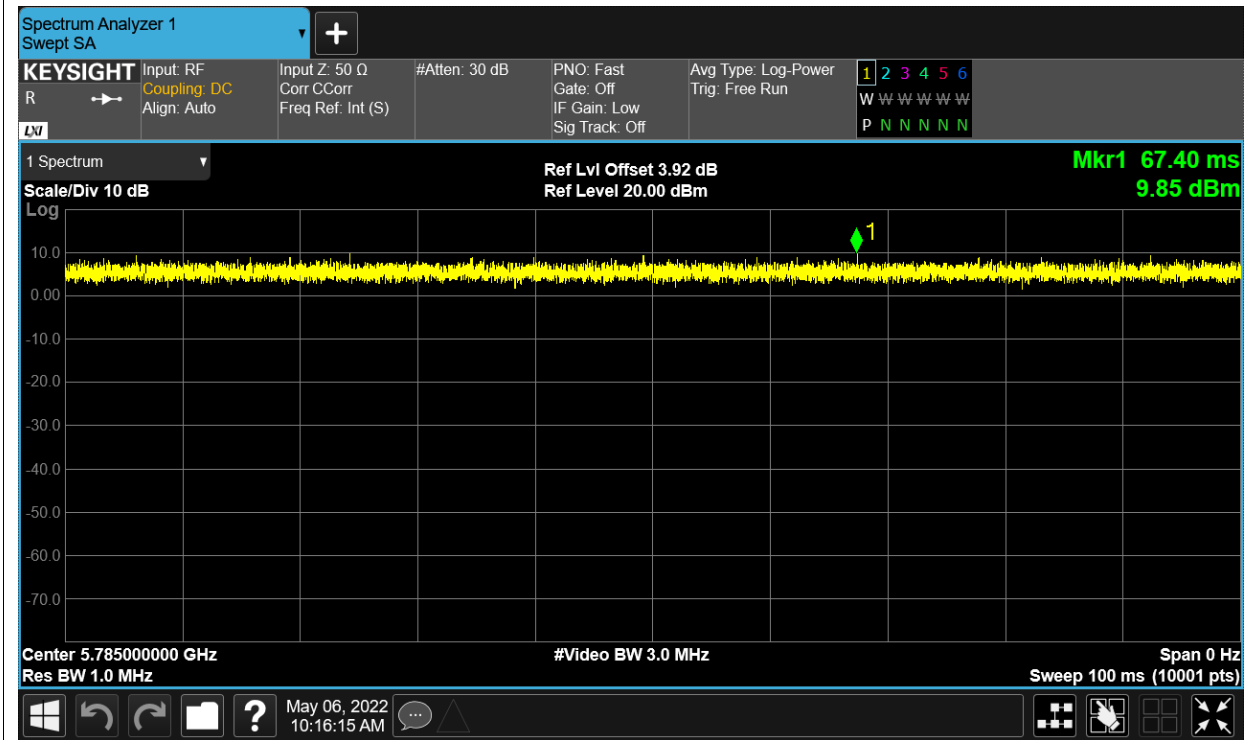
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0
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

Test Graphs

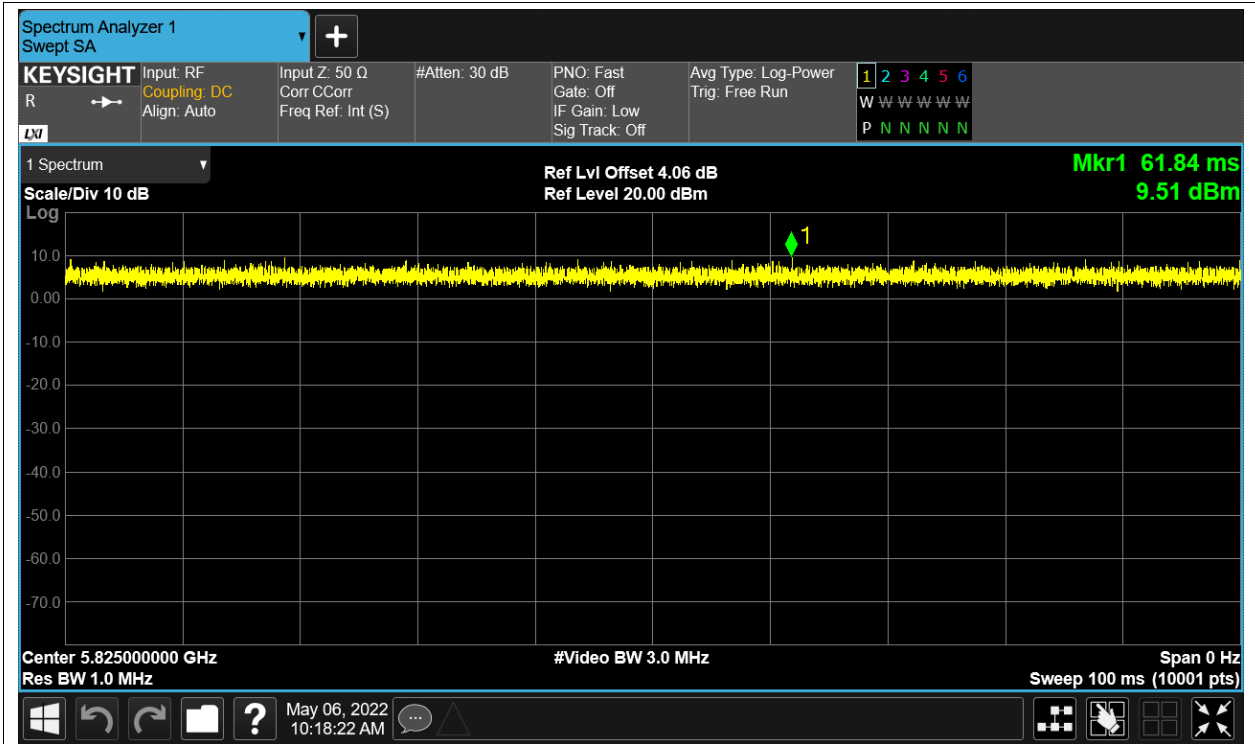
Duty Cycle NVNT a 5745MHz Ant1



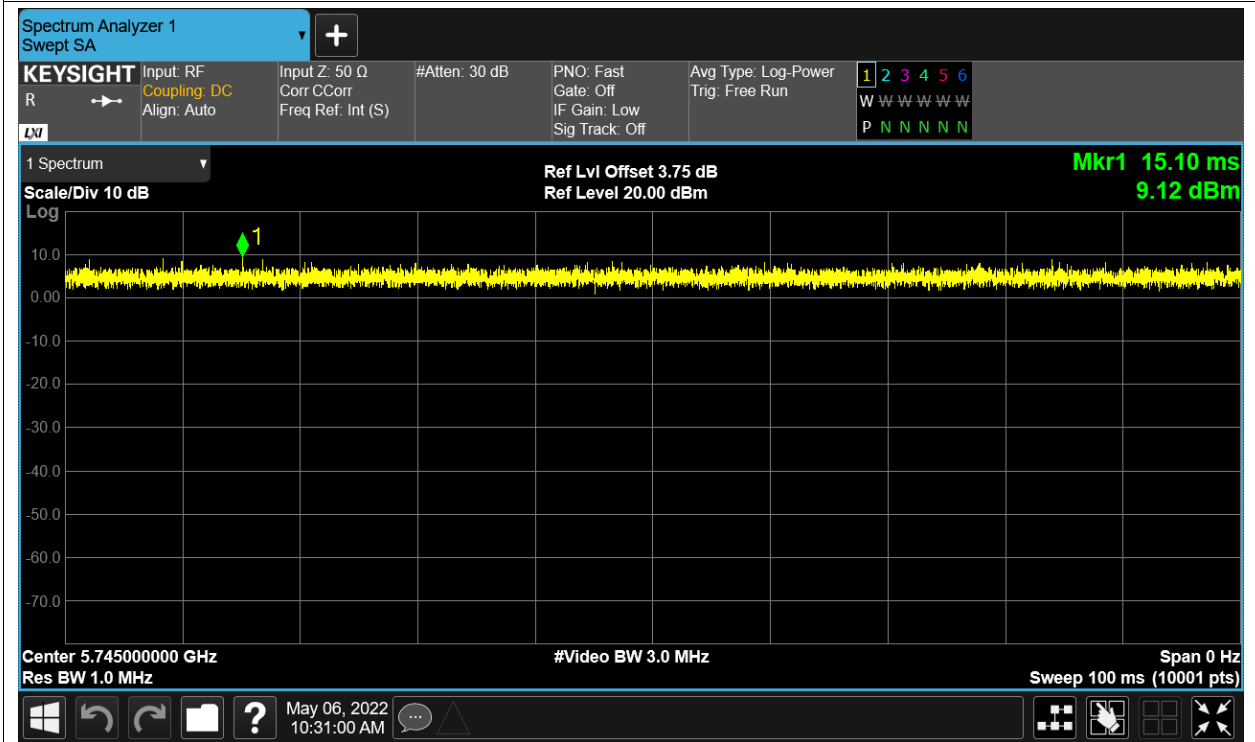
Duty Cycle NVNT a 5785MHz Ant1



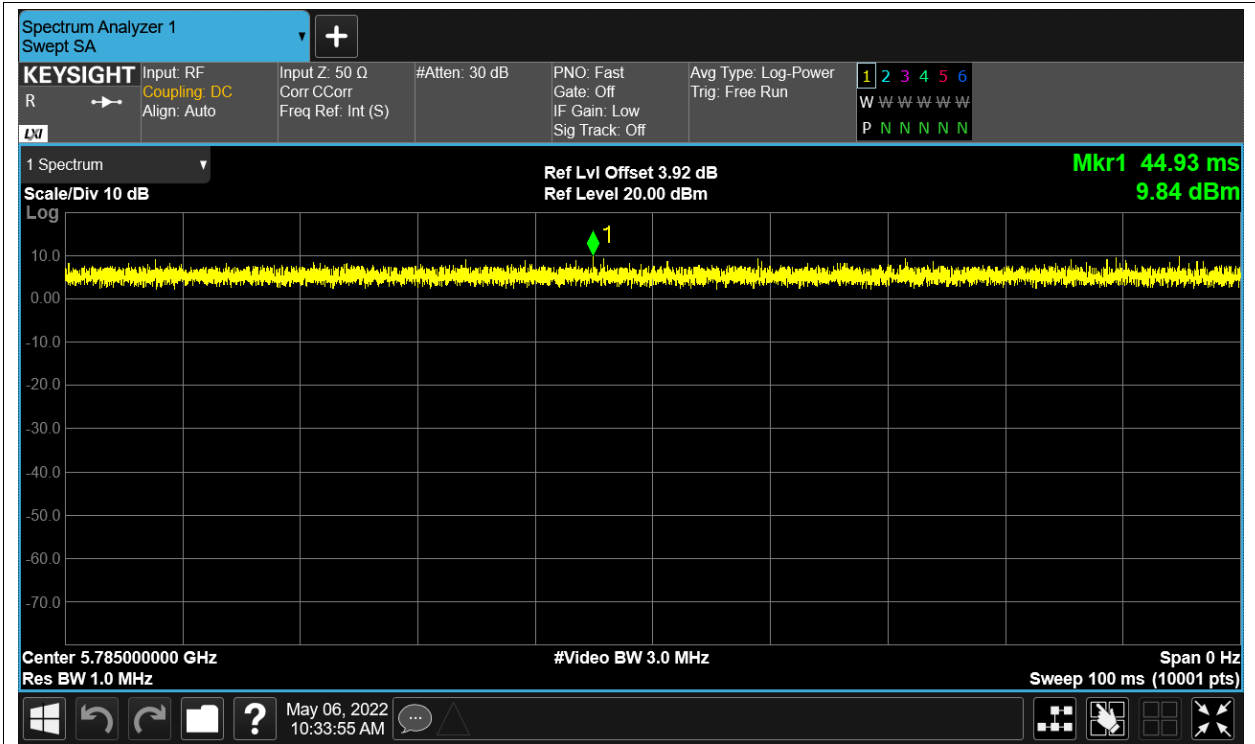
Duty Cycle NVNT a 5825MHz Ant1



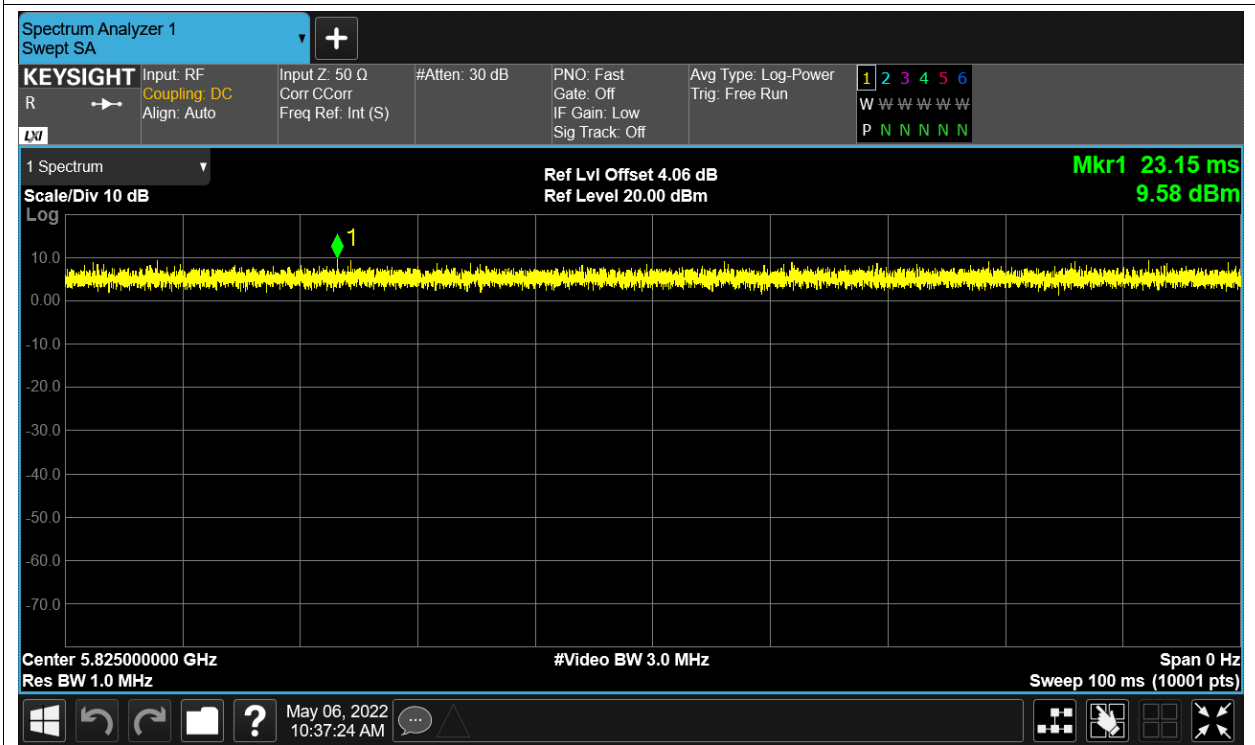
Duty Cycle NVNT ac20 5745MHz Ant1



Duty Cycle NVNT ac20 5785MHz Ant1



Duty Cycle NVNT ac20 5825MHz Ant1



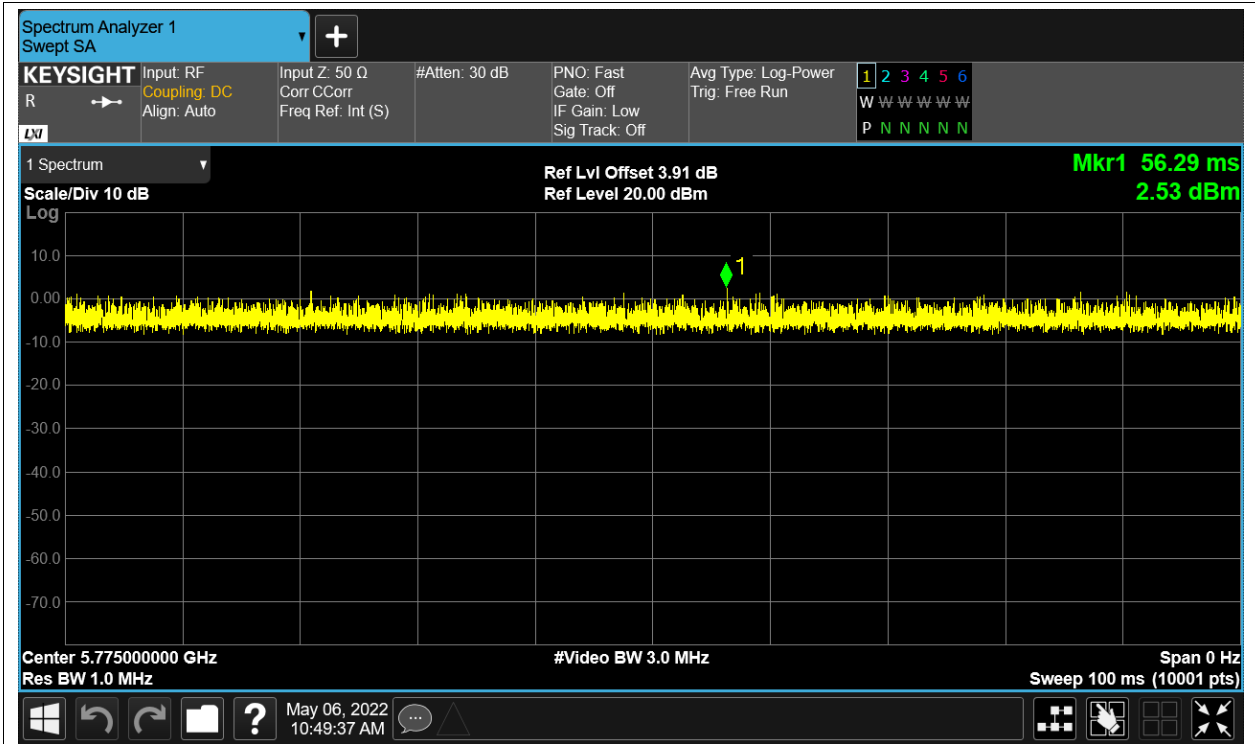
Duty Cycle NVNT ac40 5755MHz Ant1



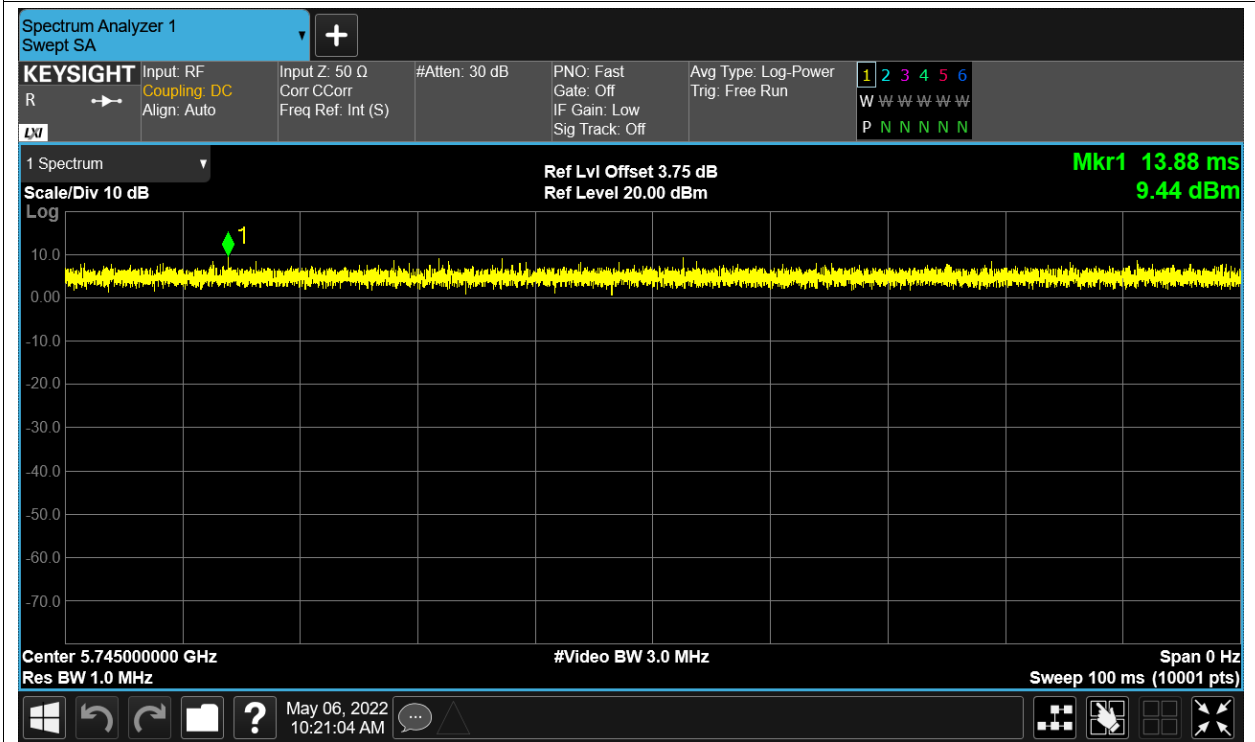
Duty Cycle NVNT ac40 5795MHz Ant1



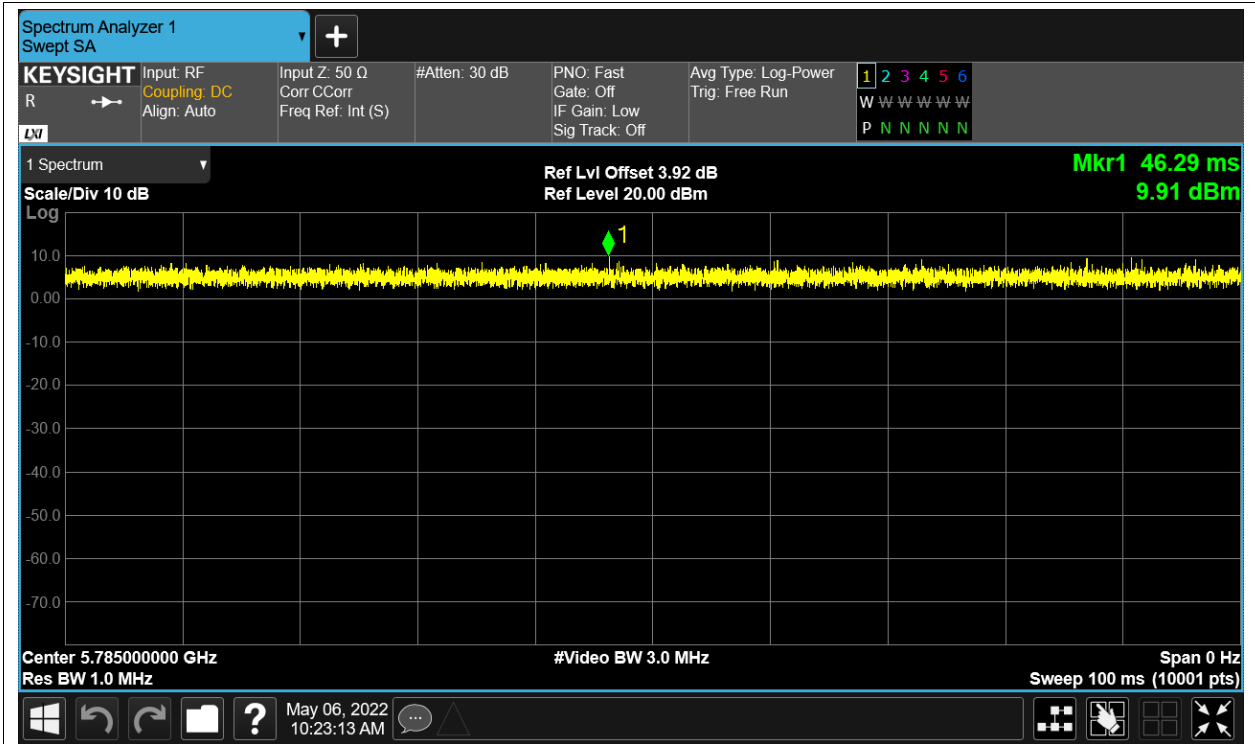
Duty Cycle NVNT ac80 5775MHz Ant1



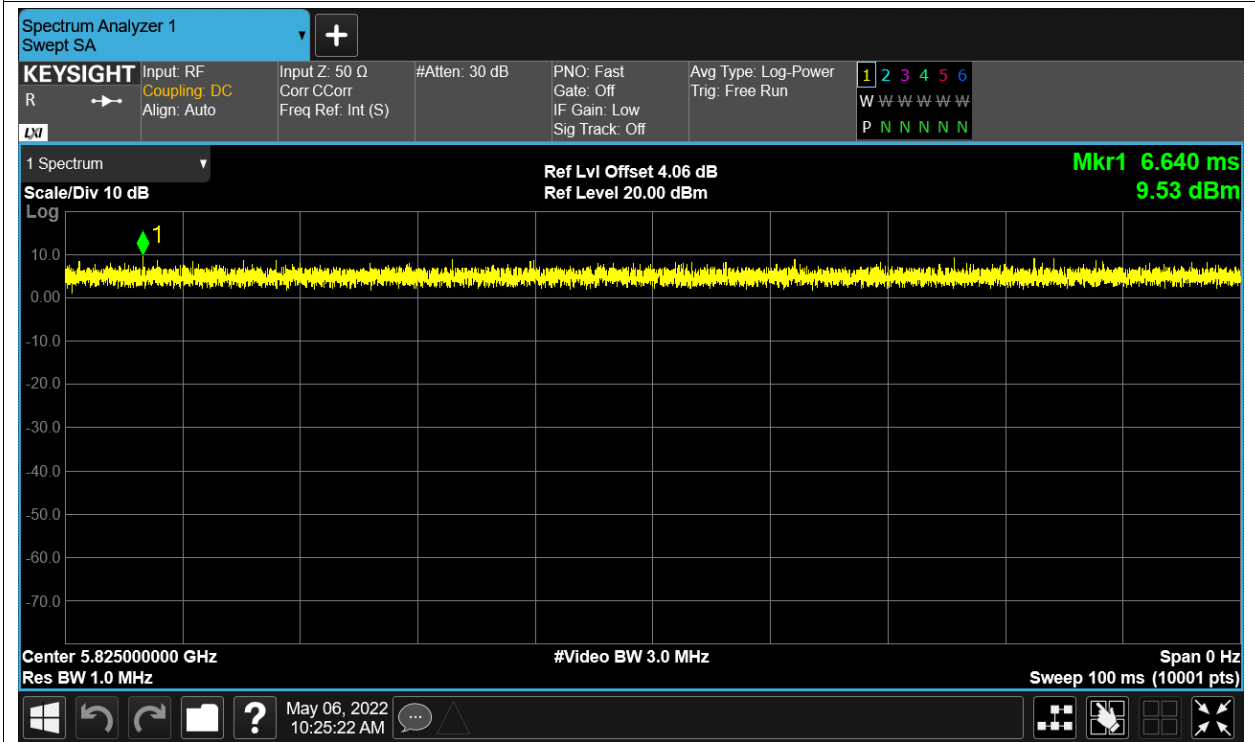
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

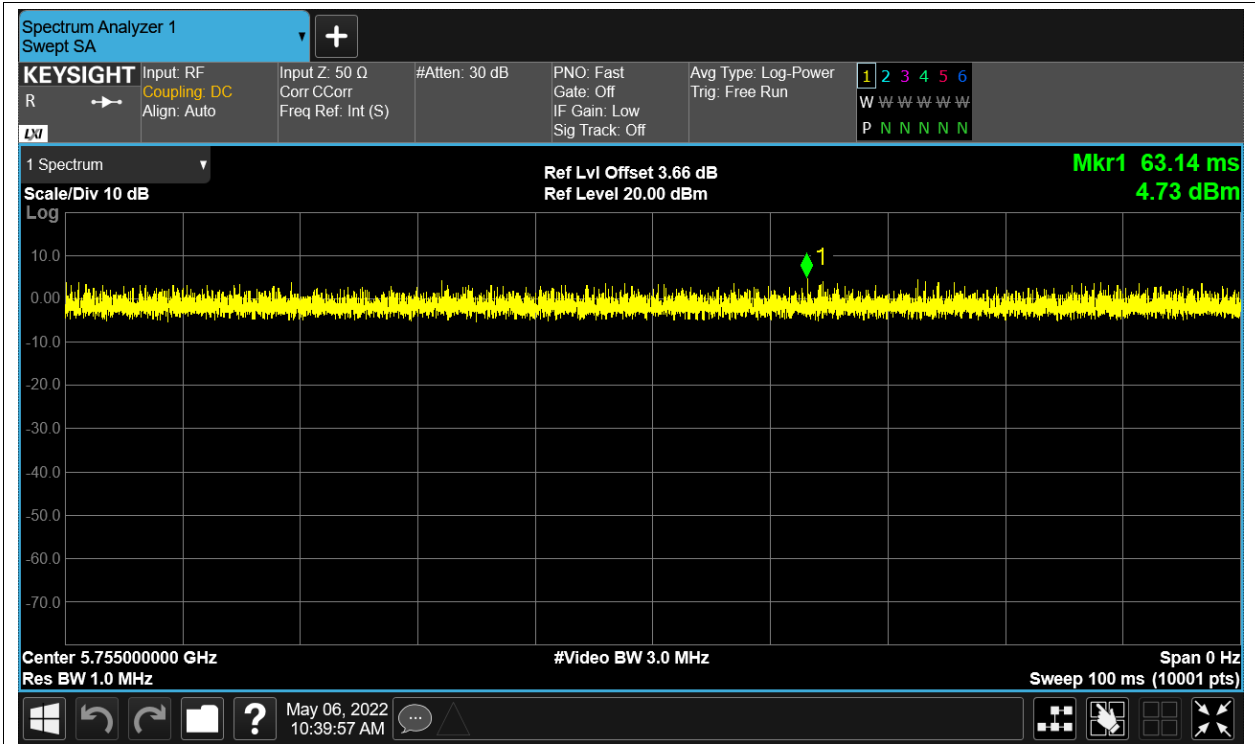


Duty Cycle NVNT n20 5825MHz Ant1

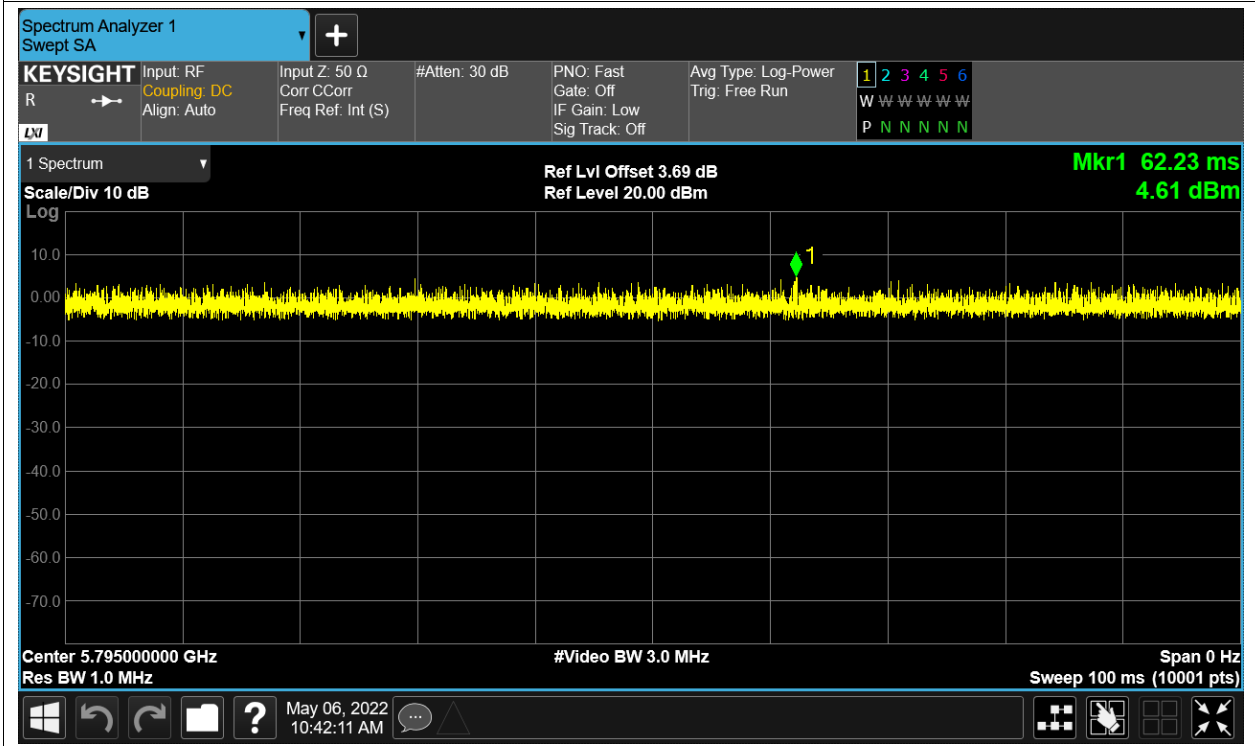


Duty Cycle NVNT n40 5755MHz Ant1





Duty Cycle NVNT n40 5795MHz Ant1



## Maximum Conducted Output Power

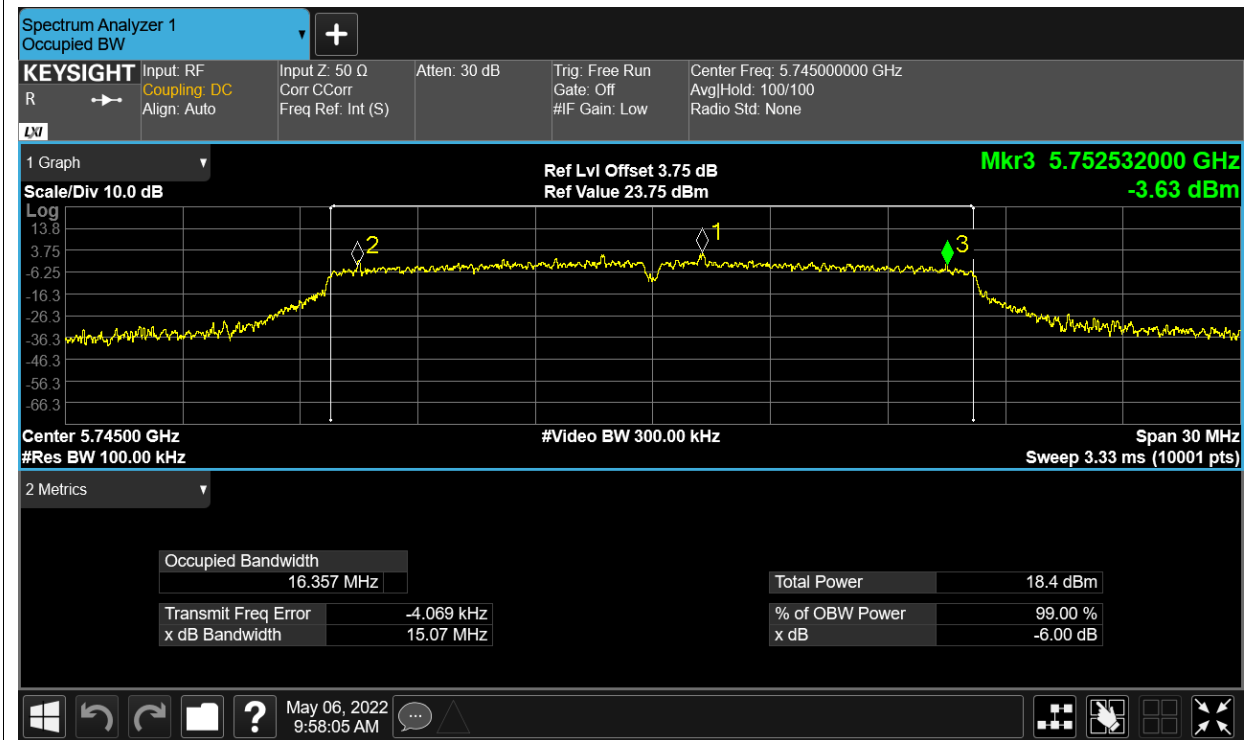
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.32	0	12.32	30	Pass
NVNT	a	5785	Ant1	14.07	0	14.07	30	Pass
NVNT	a	5825	Ant1	13.17	0	13.17	30	Pass
NVNT	ac20	5745	Ant1	12.6	0	12.6	30	Pass
NVNT	ac20	5785	Ant1	13.86	0	13.86	30	Pass
NVNT	ac20	5825	Ant1	13.02	0	13.02	30	Pass
NVNT	ac40	5755	Ant1	12.75	0	12.75	30	Pass
NVNT	ac40	5795	Ant1	13.31	0	13.31	30	Pass
NVNT	ac80	5775	Ant1	13.35	0	13.35	30	Pass
NVNT	n20	5745	Ant1	12.45	0	12.45	30	Pass
NVNT	n20	5785	Ant1	13.95	0	13.95	30	Pass
NVNT	n20	5825	Ant1	12.99	0	12.99	30	Pass
NVNT	n40	5755	Ant1	12.78	0	12.78	30	Pass
NVNT	n40	5795	Ant1	13.49	0	13.49	30	Pass

## -6dB Bandwidth

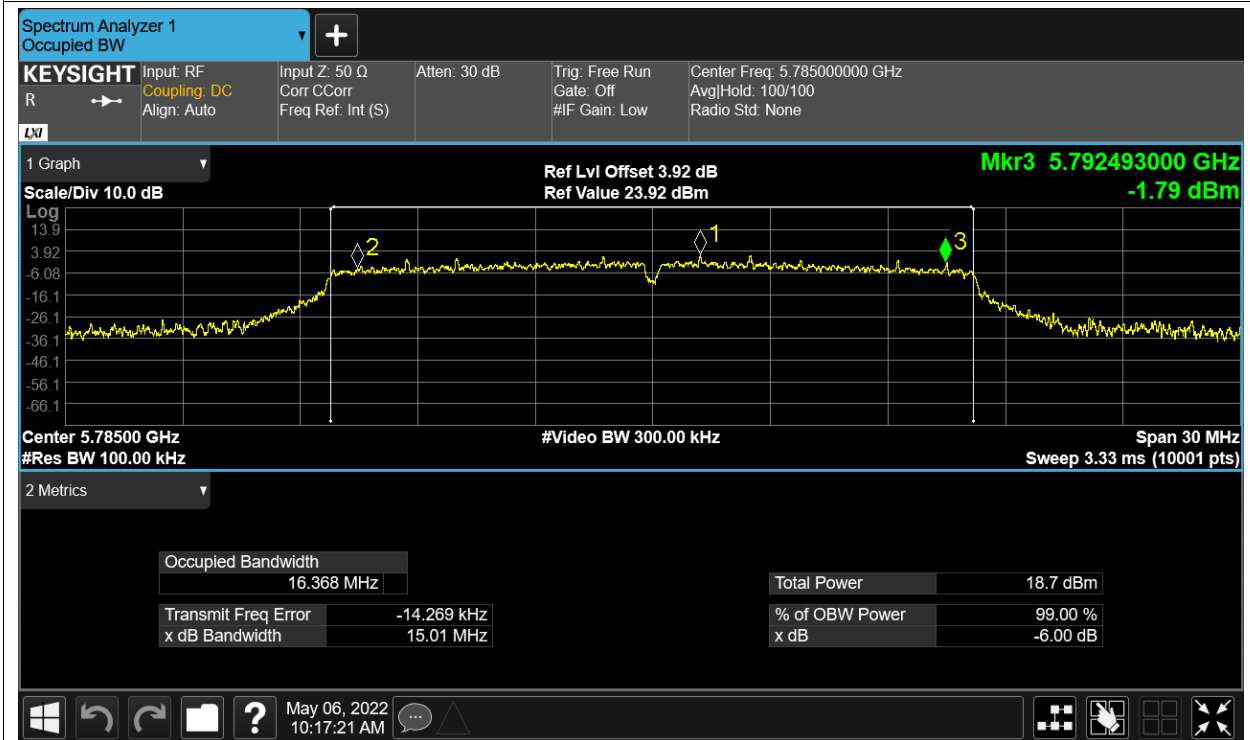
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	15.073	0.5	Pass
NVNT	a	5785	Ant1	15.014	0.5	Pass
NVNT	a	5825	Ant1	15.025	0.5	Pass
NVNT	ac20	5745	Ant1	14.726	0.5	Pass
NVNT	ac20	5785	Ant1	15.119	0.5	Pass
NVNT	ac20	5825	Ant1	15.227	0.5	Pass
NVNT	ac40	5755	Ant1	35.103	0.5	Pass
NVNT	ac40	5795	Ant1	35.126	0.5	Pass
NVNT	ac80	5775	Ant1	73.856	0.5	Pass
NVNT	n20	5745	Ant1	15.058	0.5	Pass
NVNT	n20	5785	Ant1	15.029	0.5	Pass
NVNT	n20	5825	Ant1	16.767	0.5	Pass
NVNT	n40	5755	Ant1	35.115	0.5	Pass
NVNT	n40	5795	Ant1	35.083	0.5	Pass

Test Graphs

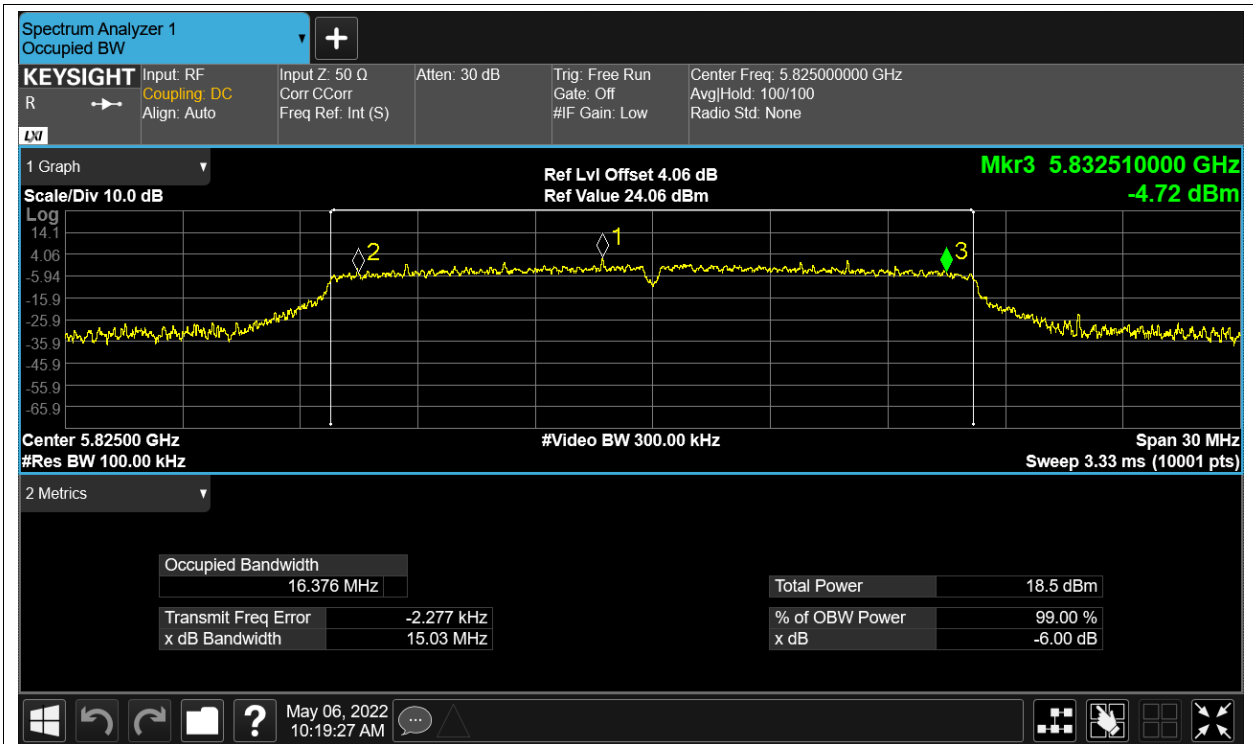
-6dB Bandwidth NVNT a 5745MHz Ant1



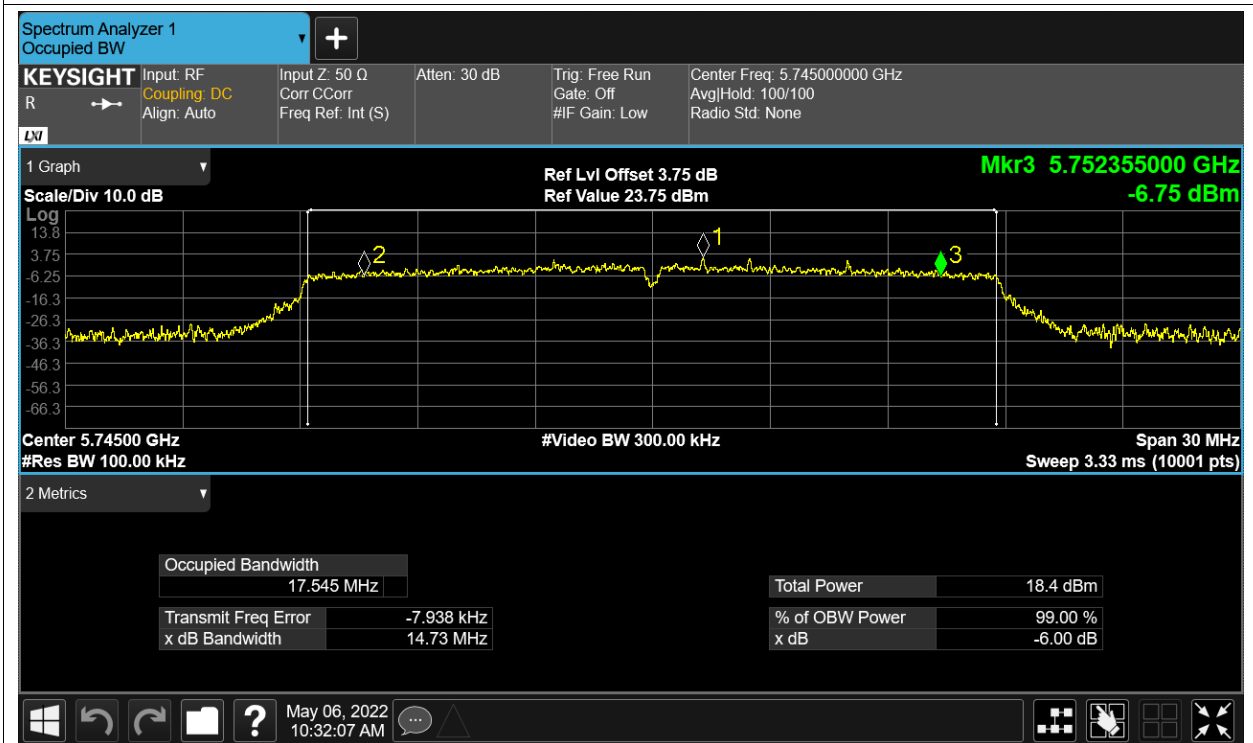
-6dB Bandwidth NVNT a 5785MHz Ant1



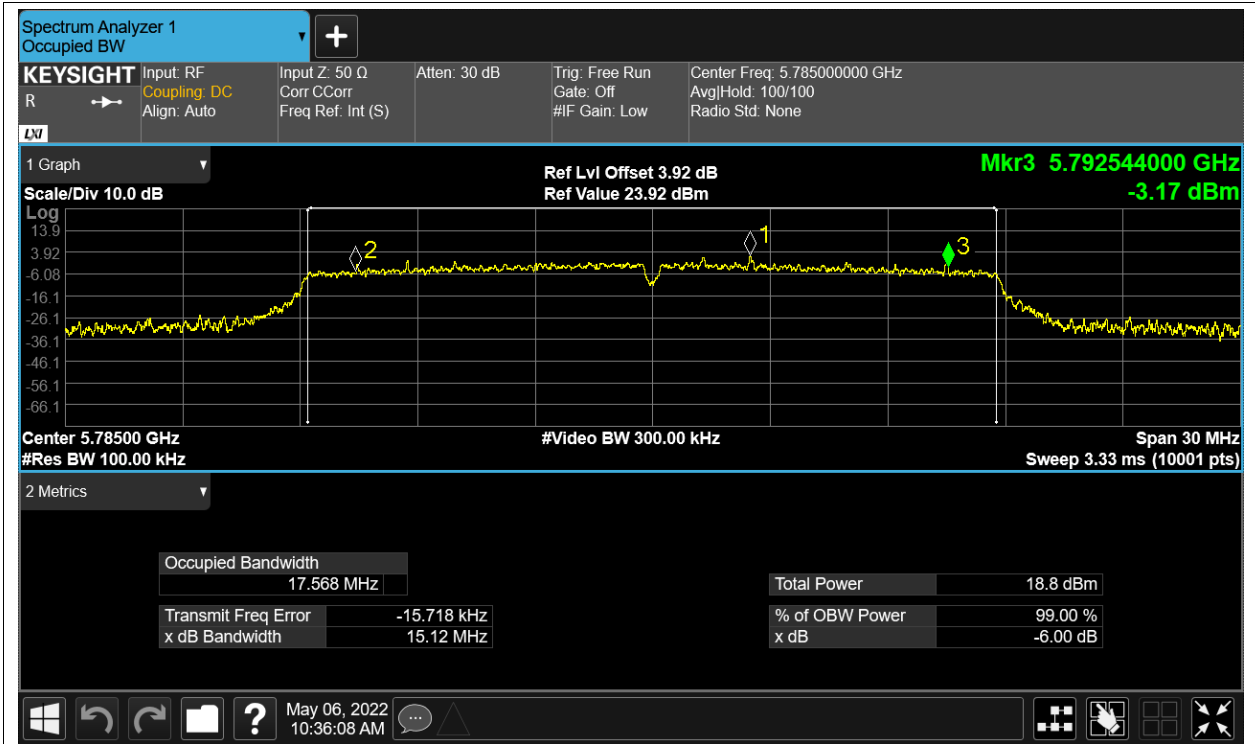
-6dB Bandwidth NVNT a 5825MHz Ant1



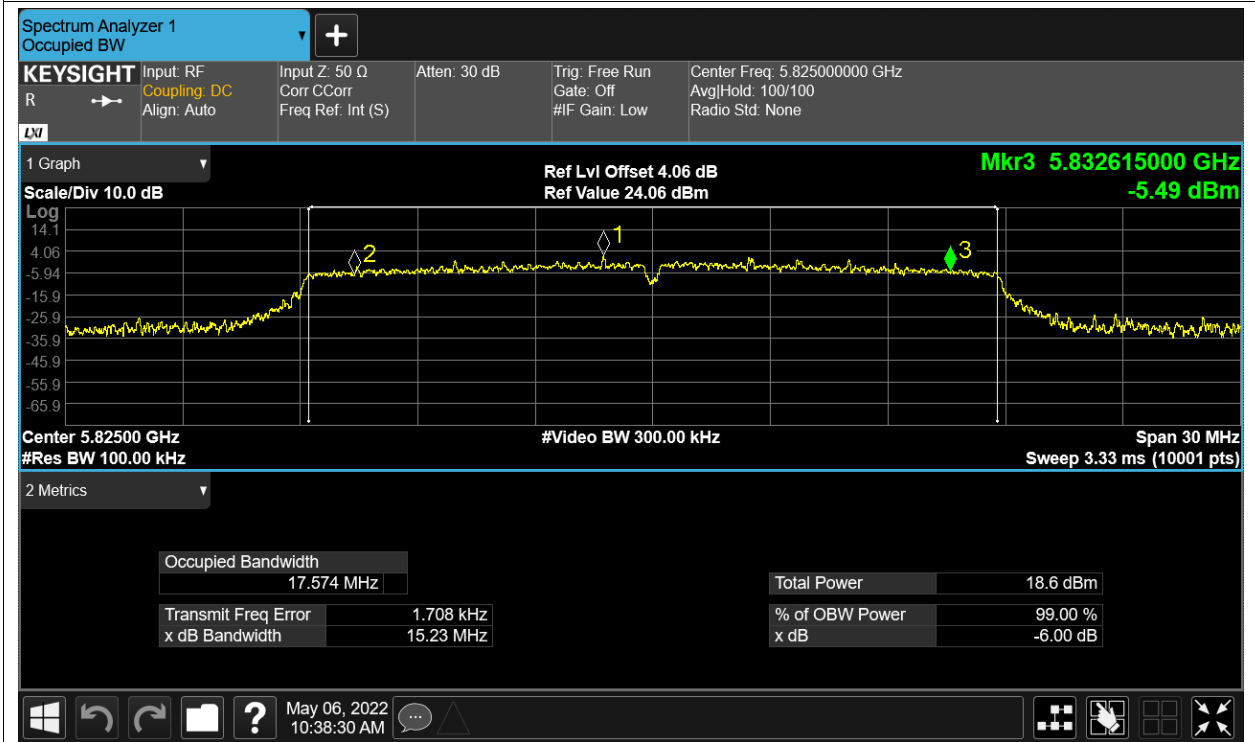
-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



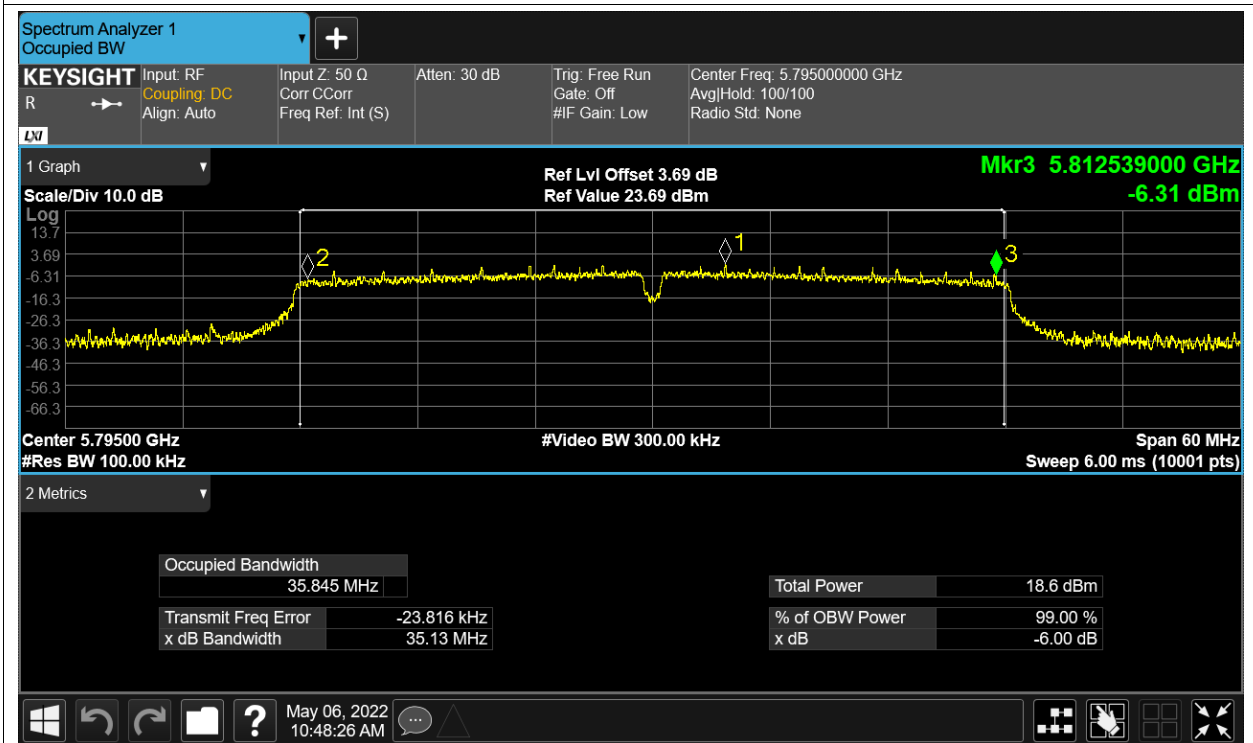
-6dB Bandwidth NVNT ac20 5825MHz Ant1



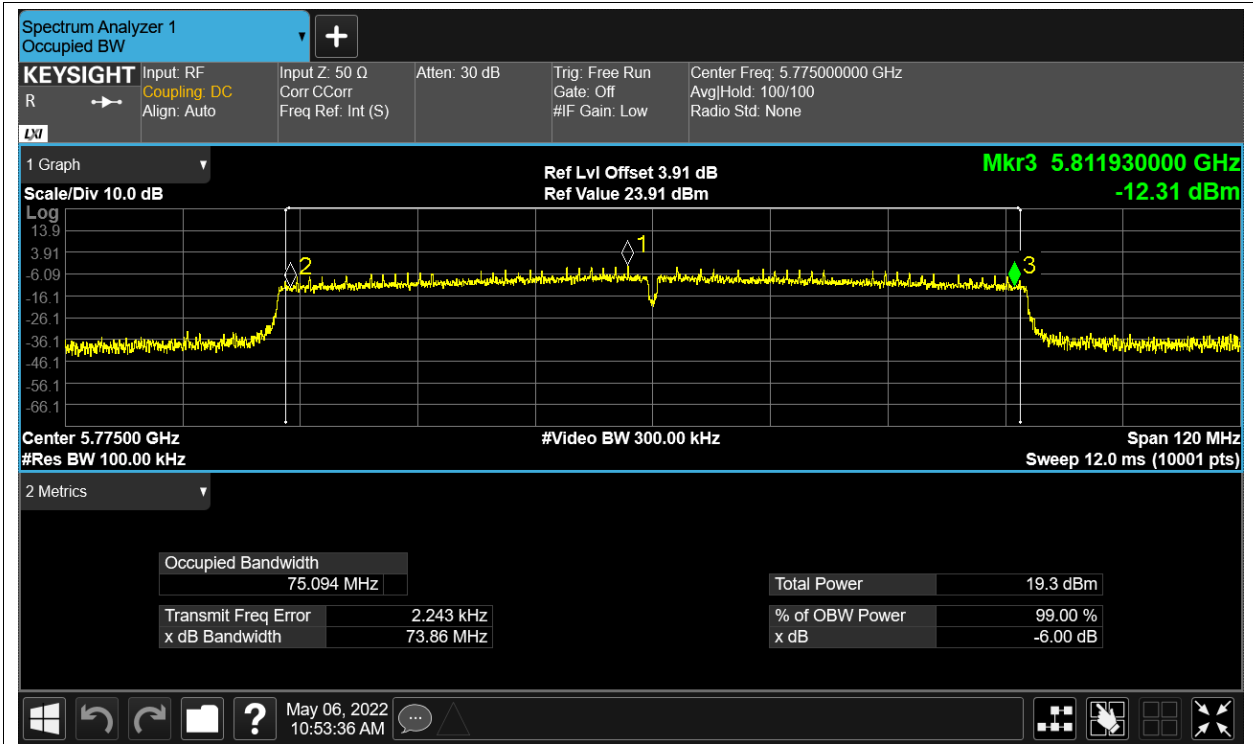
-6dB Bandwidth NVNT ac40 5755MHz Ant1



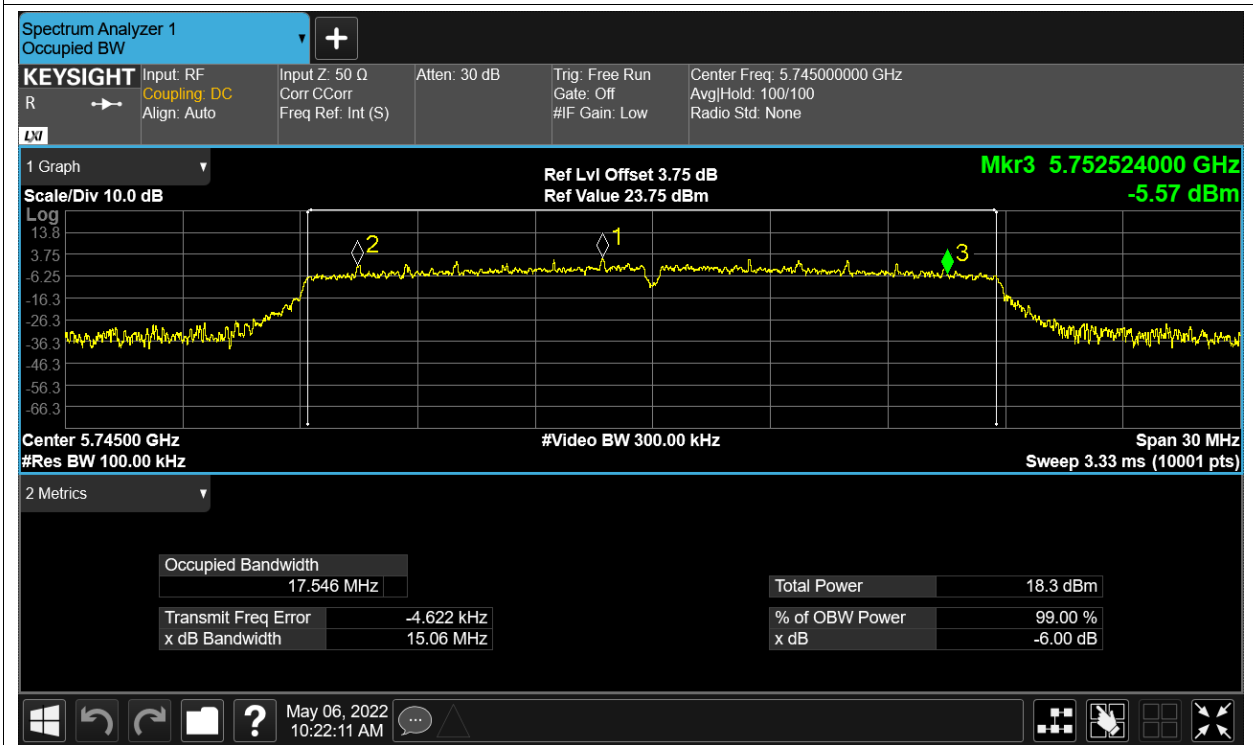
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

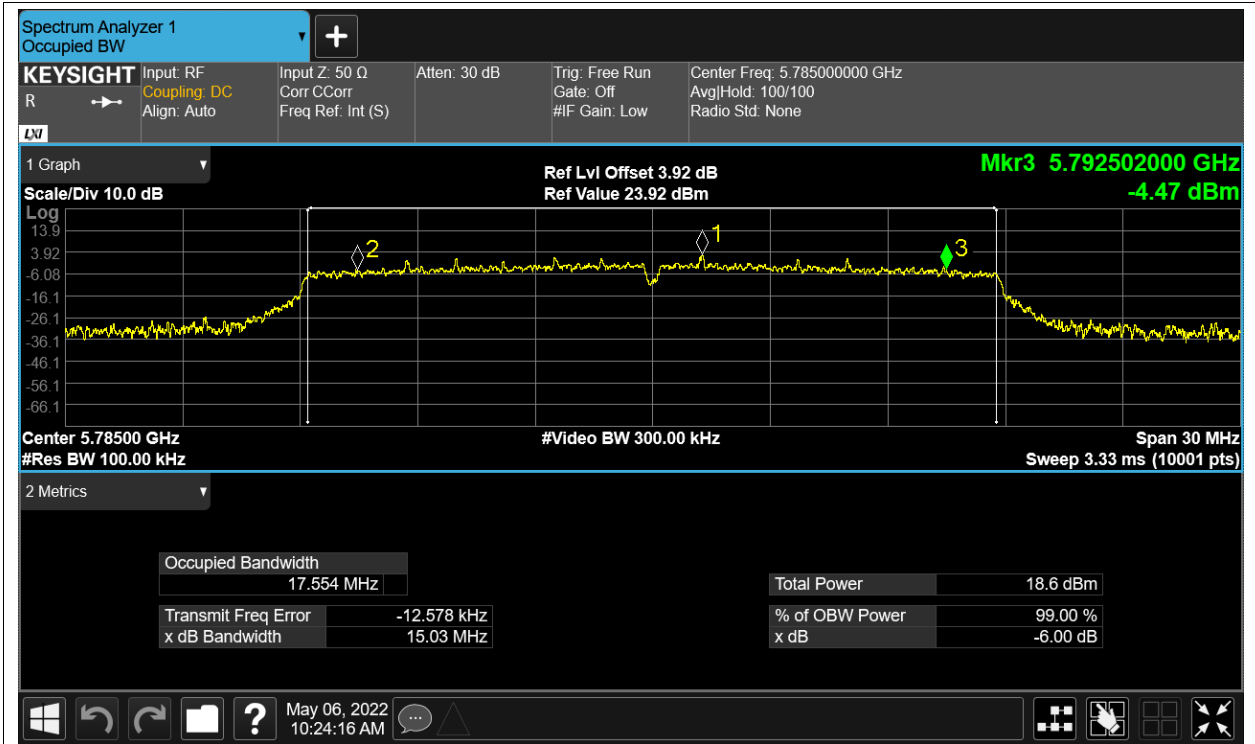


-6dB Bandwidth NVNT n20 5745MHz Ant1

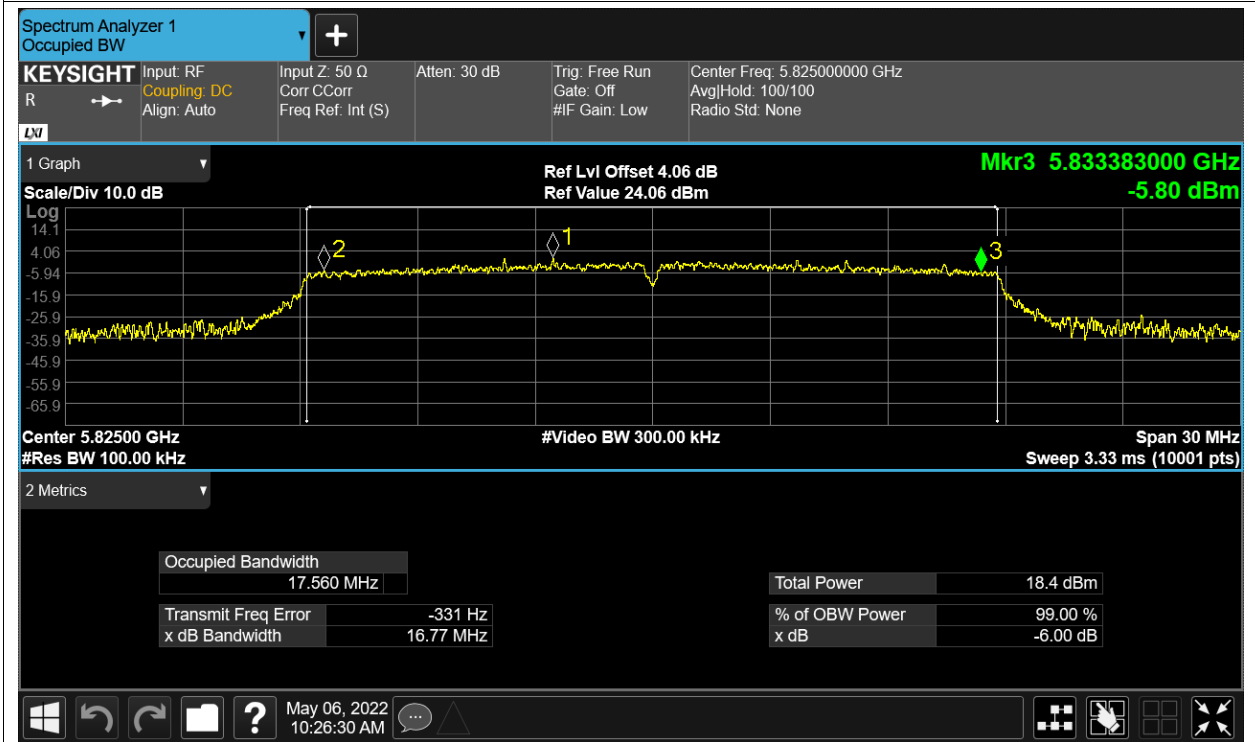


-6dB Bandwidth NVNT n20 5785MHz Ant1

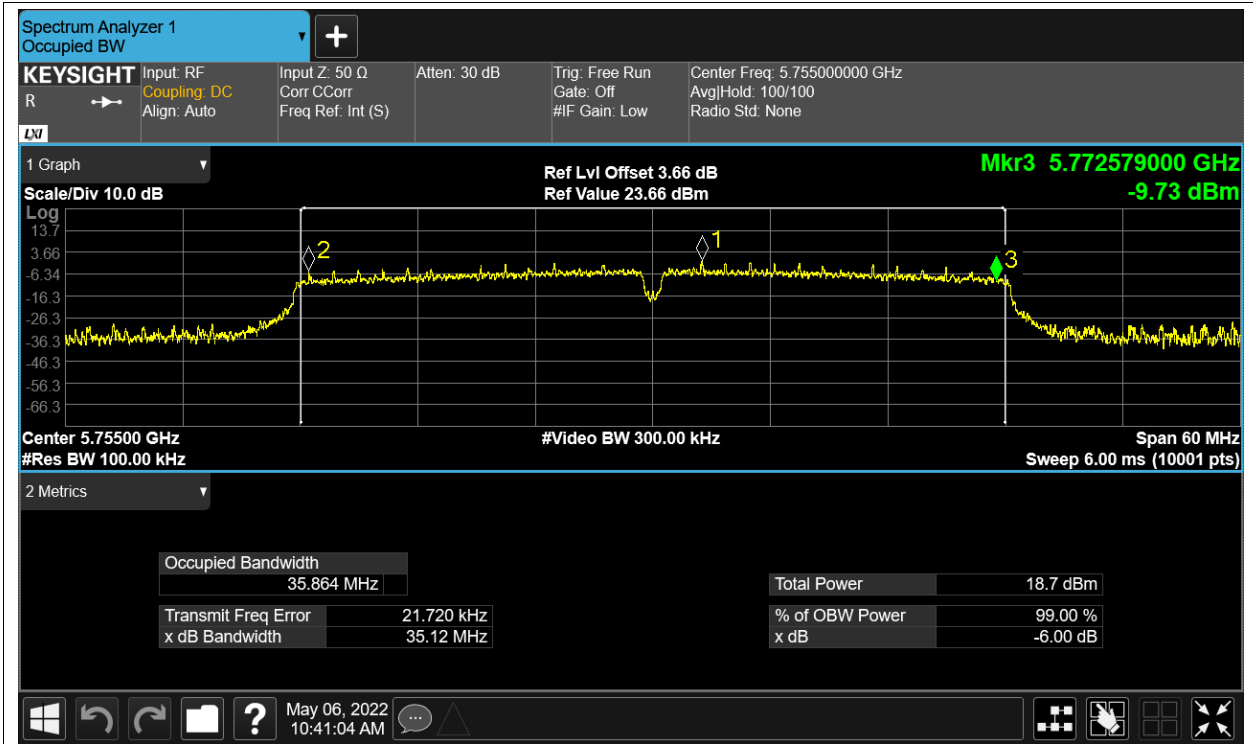




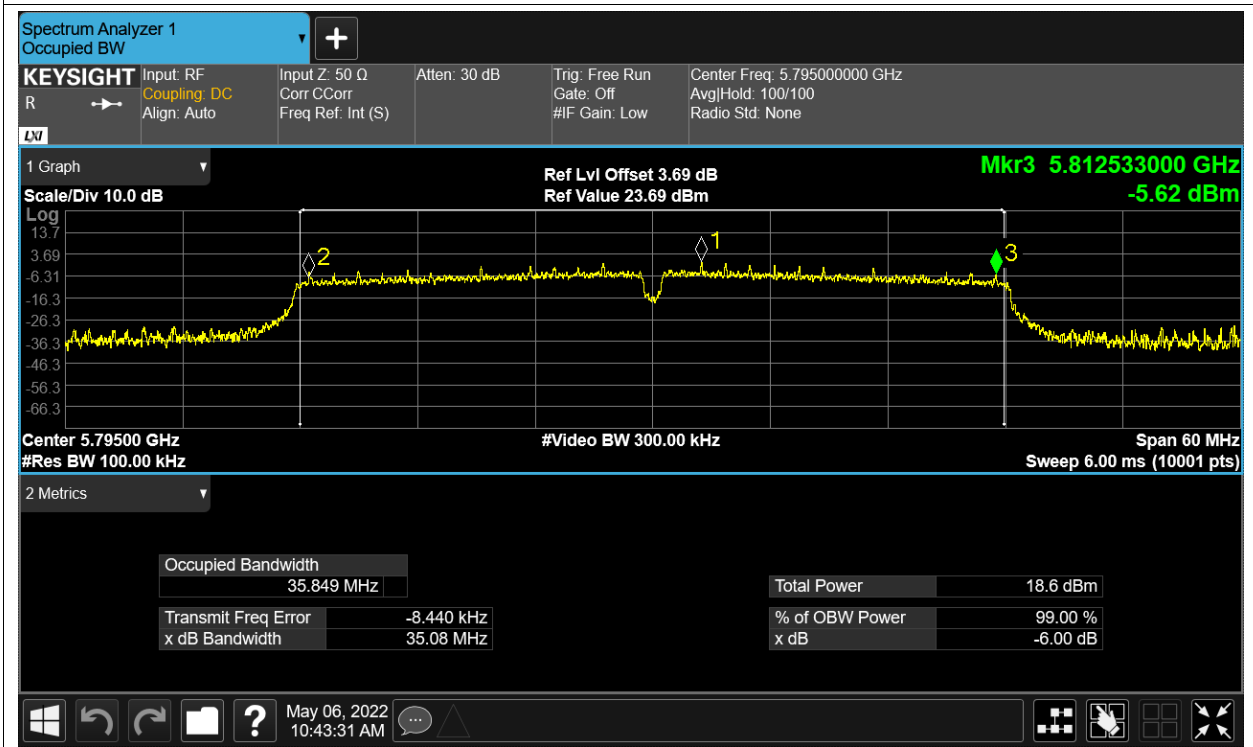
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

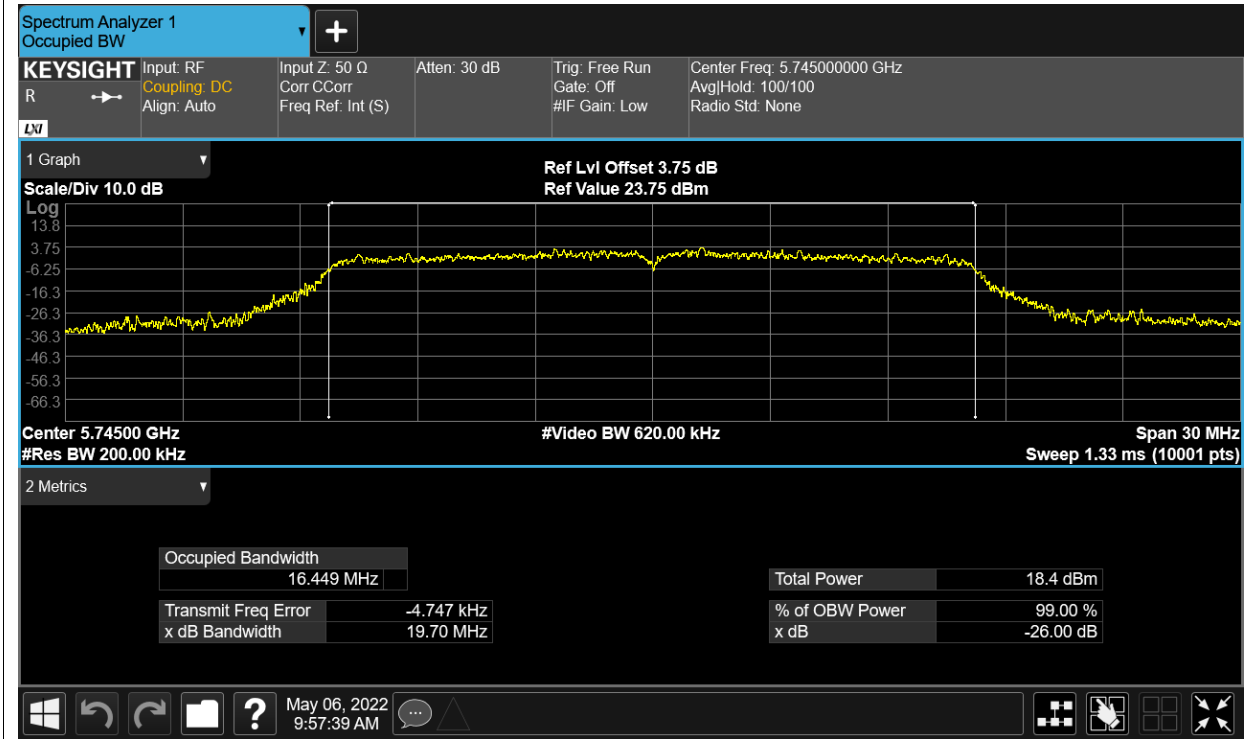


## Occupied Channel Bandwidth

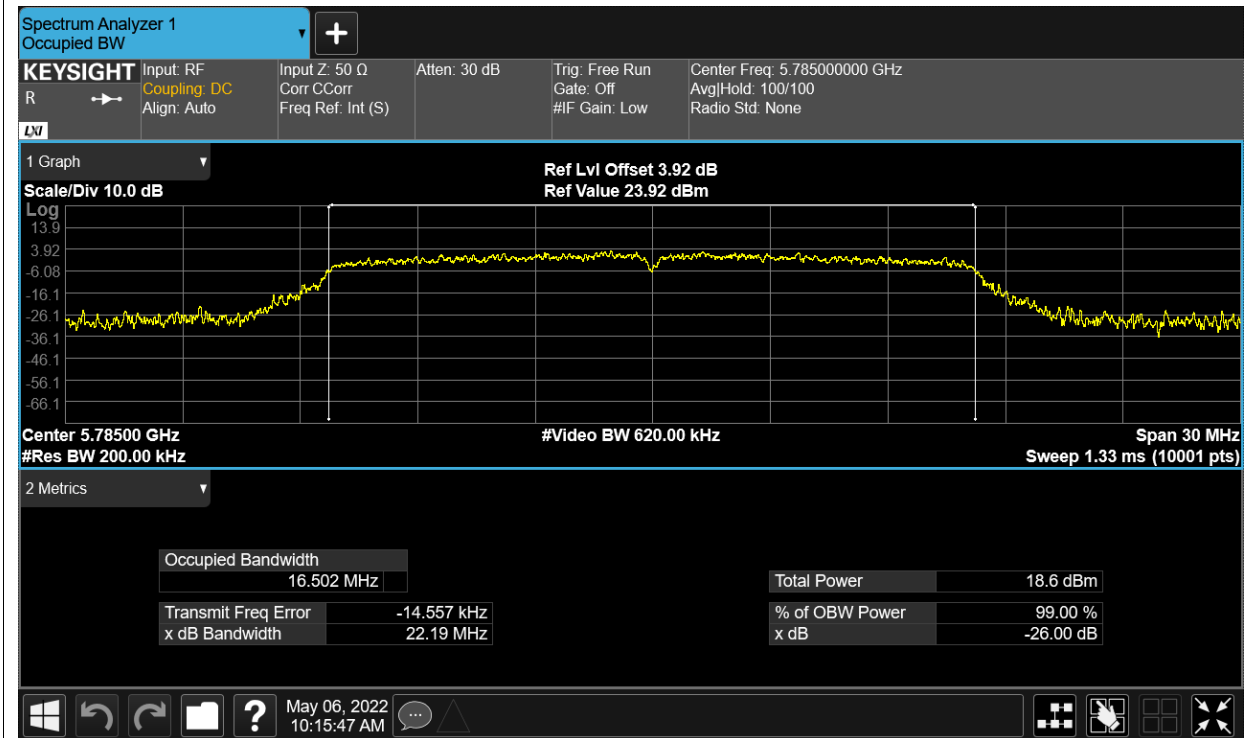
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.449187
NVNT	a	5785	Ant1	16.50158055
NVNT	a	5825	Ant1	16.45368984
NVNT	ac20	5745	Ant1	17.58684326
NVNT	ac20	5785	Ant1	17.62218564
NVNT	ac20	5825	Ant1	17.58925908
NVNT	ac40	5755	Ant1	35.98995619
NVNT	ac40	5795	Ant1	36.07175623
NVNT	ac80	5775	Ant1	75.24278597
NVNT	n20	5745	Ant1	17.5737001
NVNT	n20	5785	Ant1	17.59875622
NVNT	n20	5825	Ant1	17.59638496
NVNT	n40	5755	Ant1	36.01281139
NVNT	n40	5795	Ant1	36.02159019

Test Graphs

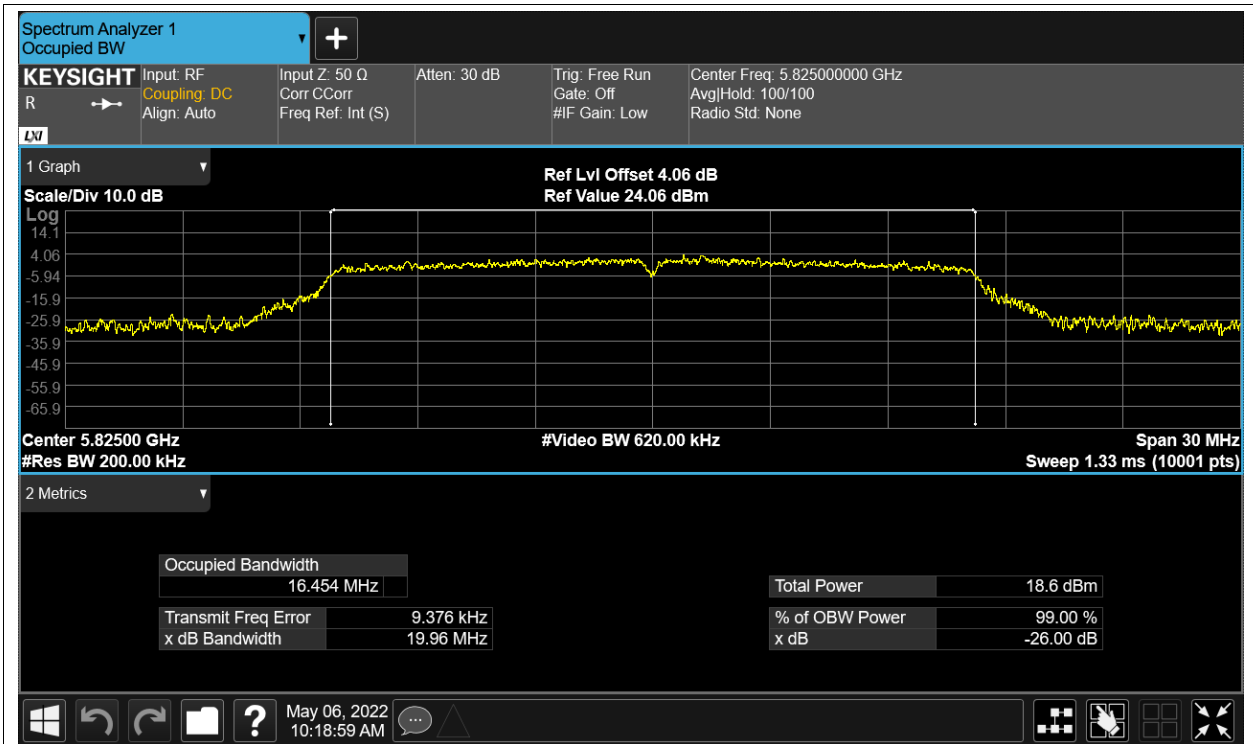
OBW NVNT a 5745MHz Ant1



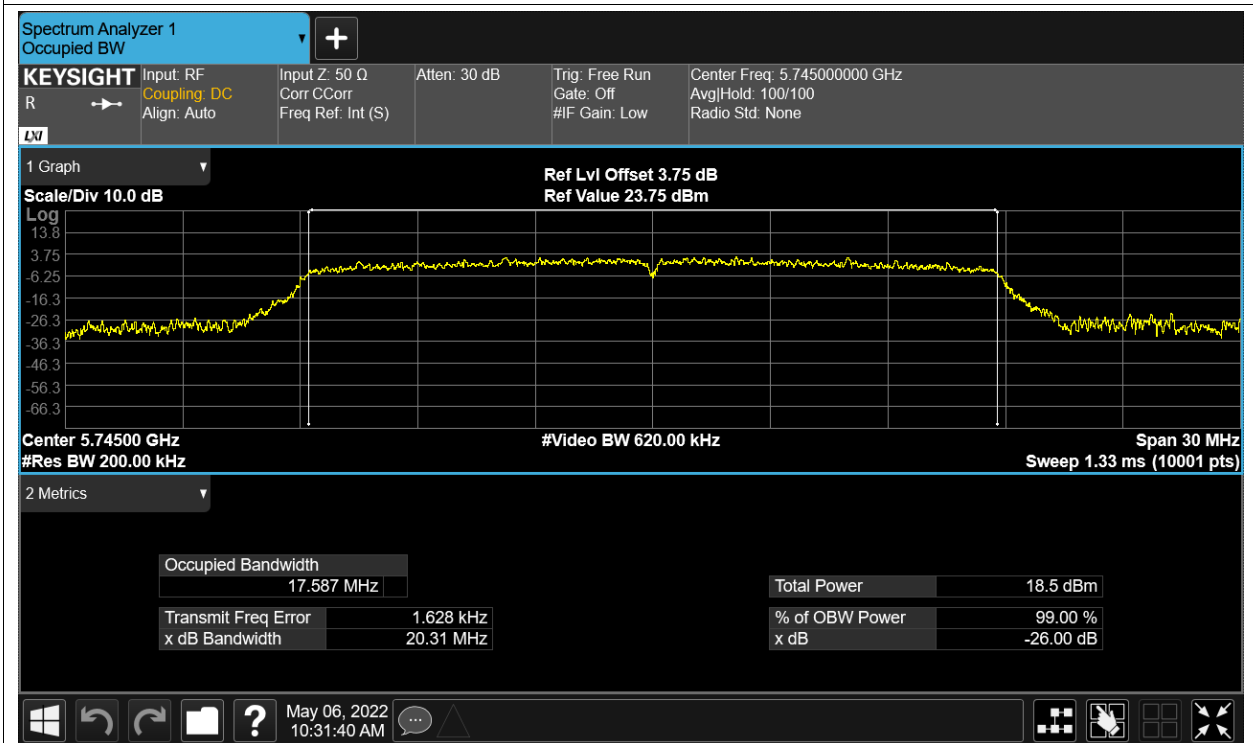
OBW NVNT a 5785MHz Ant1



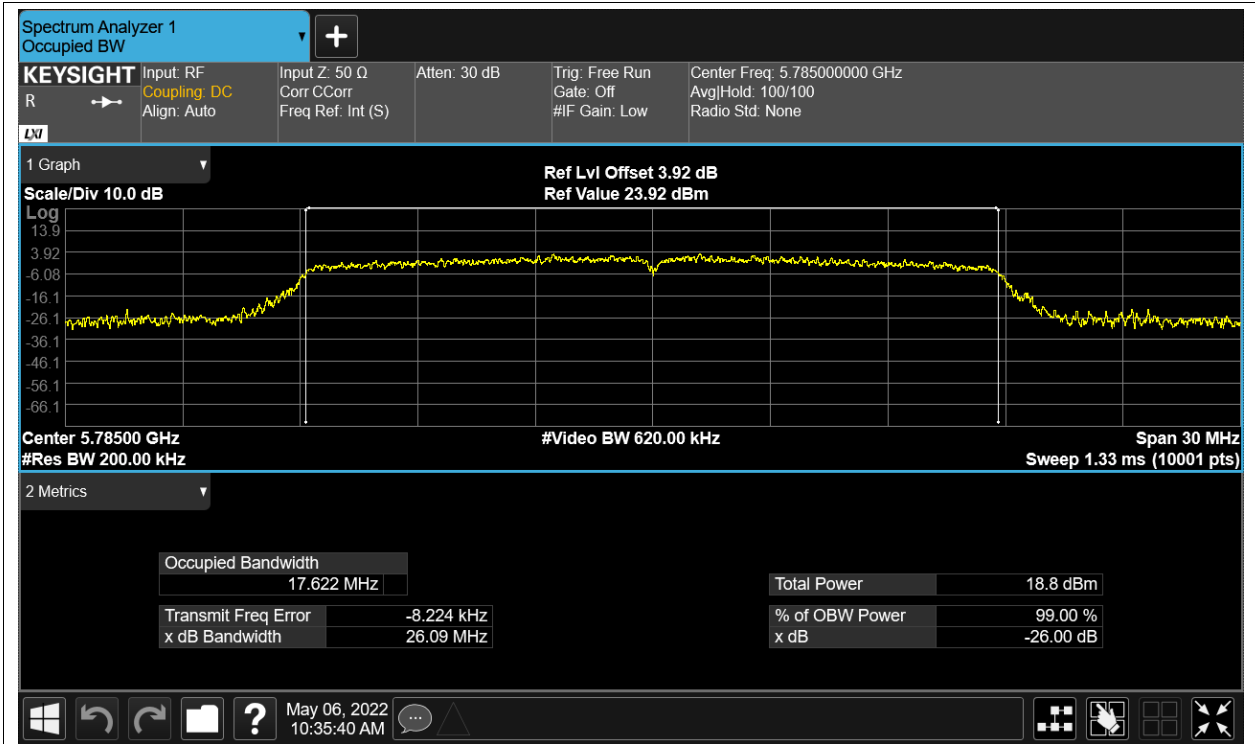
OBW NVNT a 5825MHz Ant1



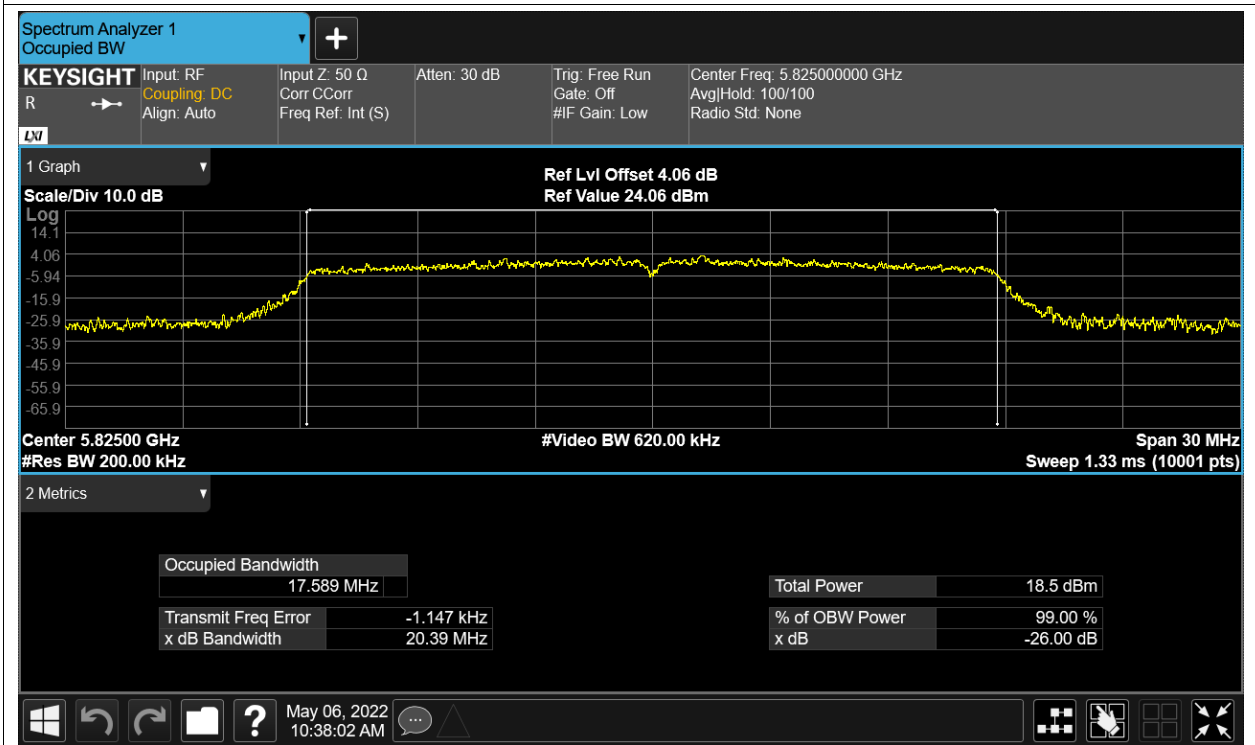
OBW NVNT ac20 5745MHz Ant1



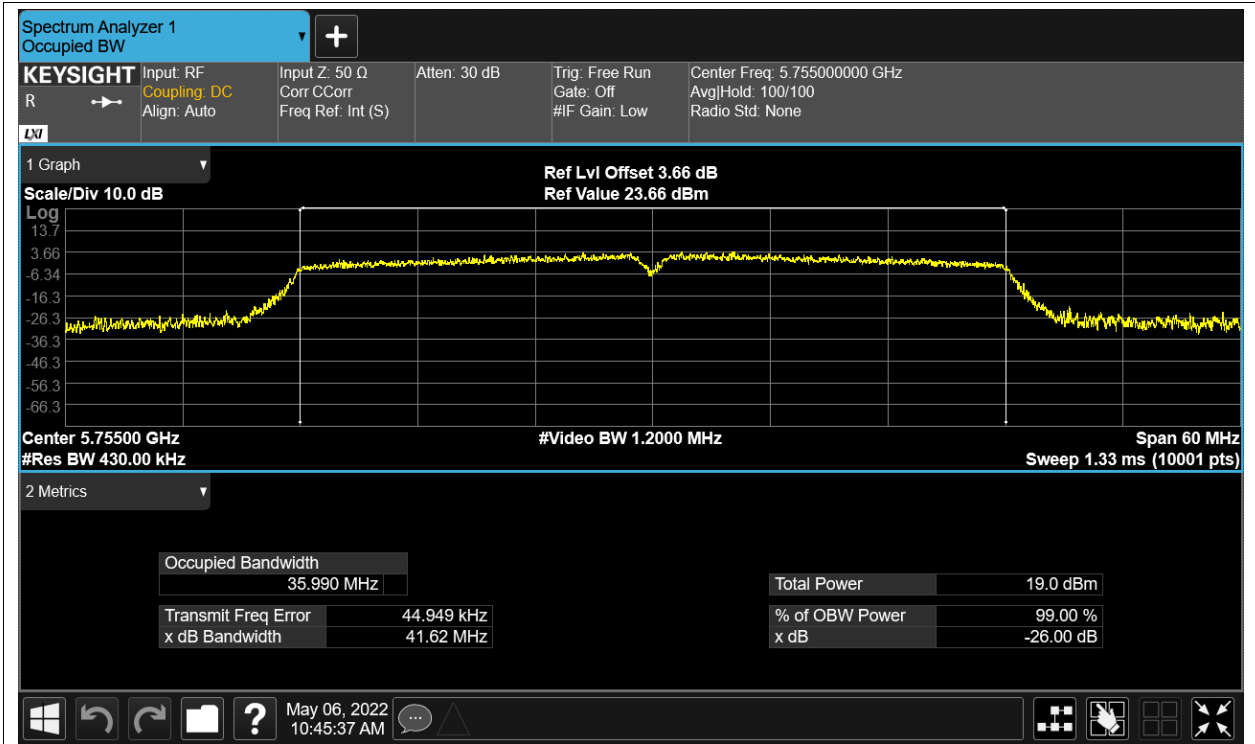
OBW NVNT ac20 5785MHz Ant1



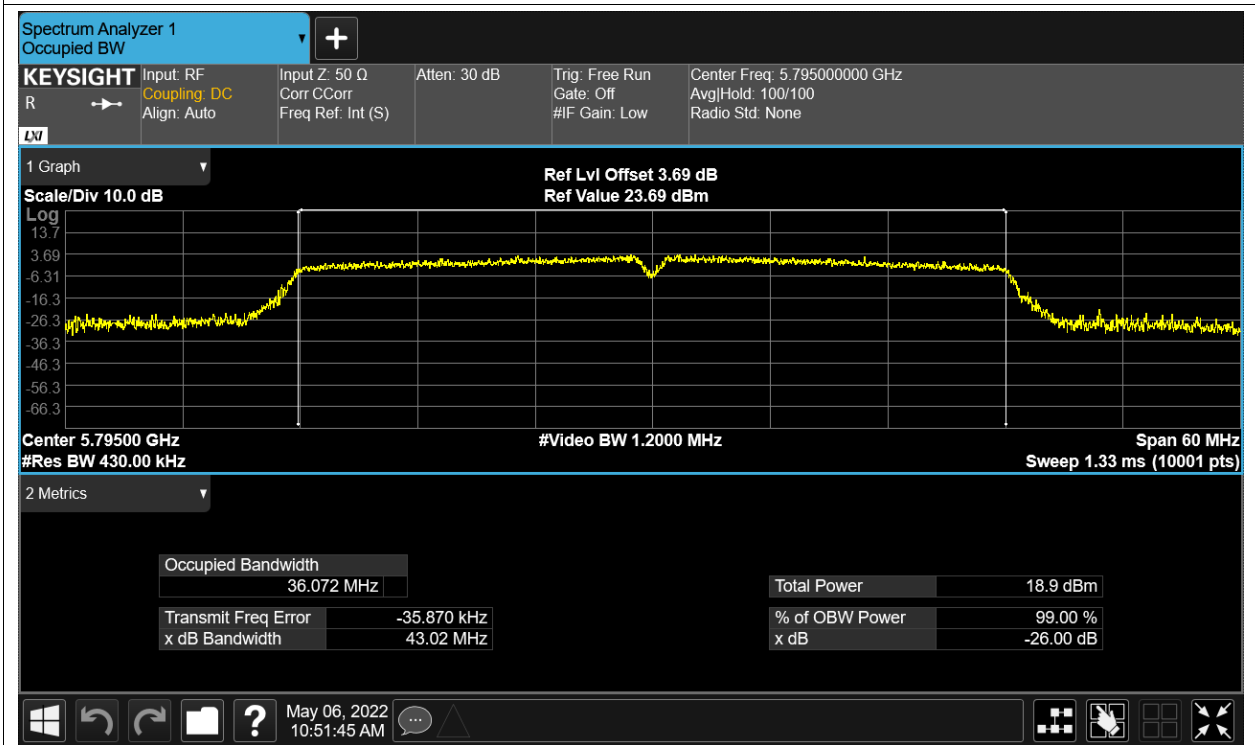
OBW NVNT ac20 5825MHz Ant1



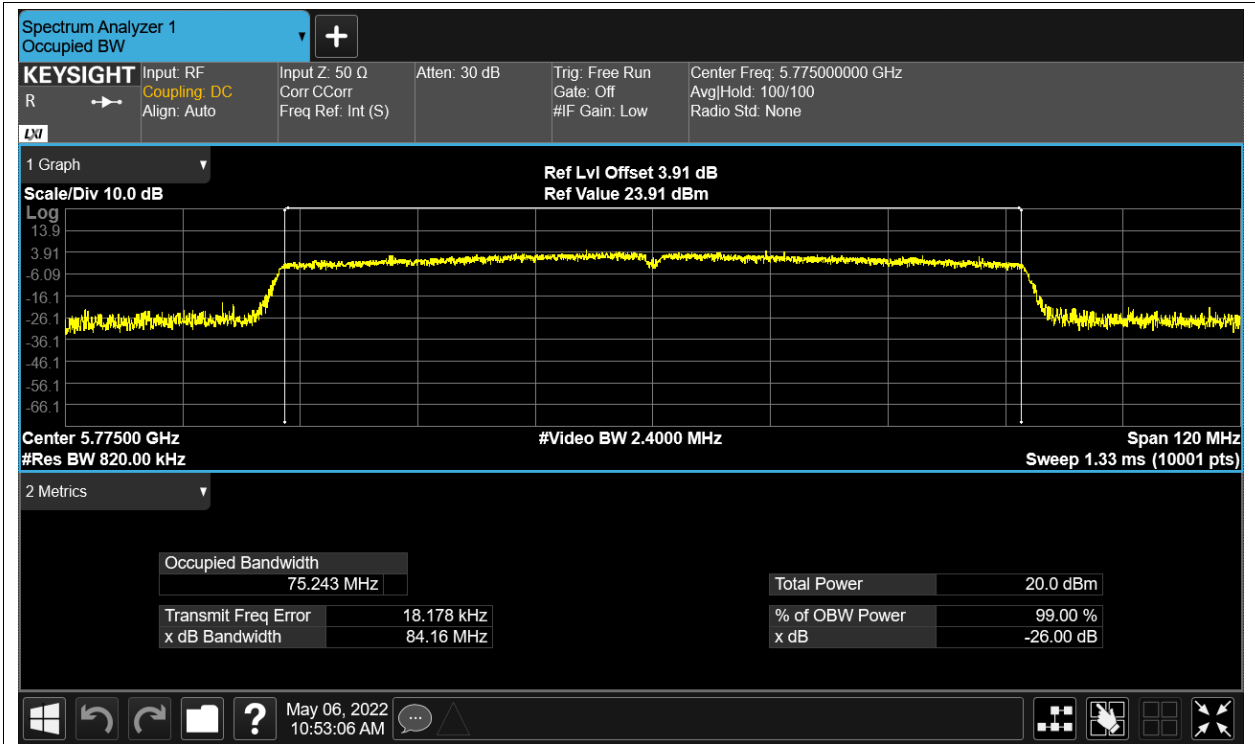
OBW NVNT ac40 5755MHz Ant1



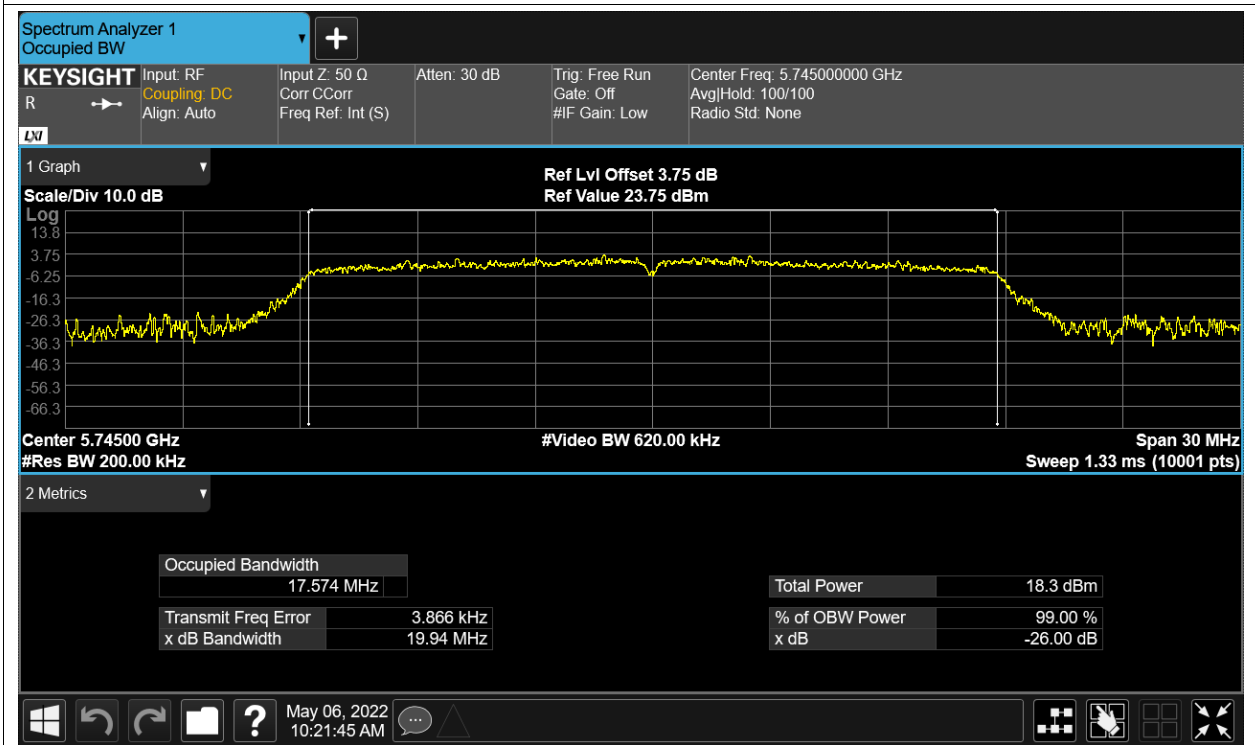
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

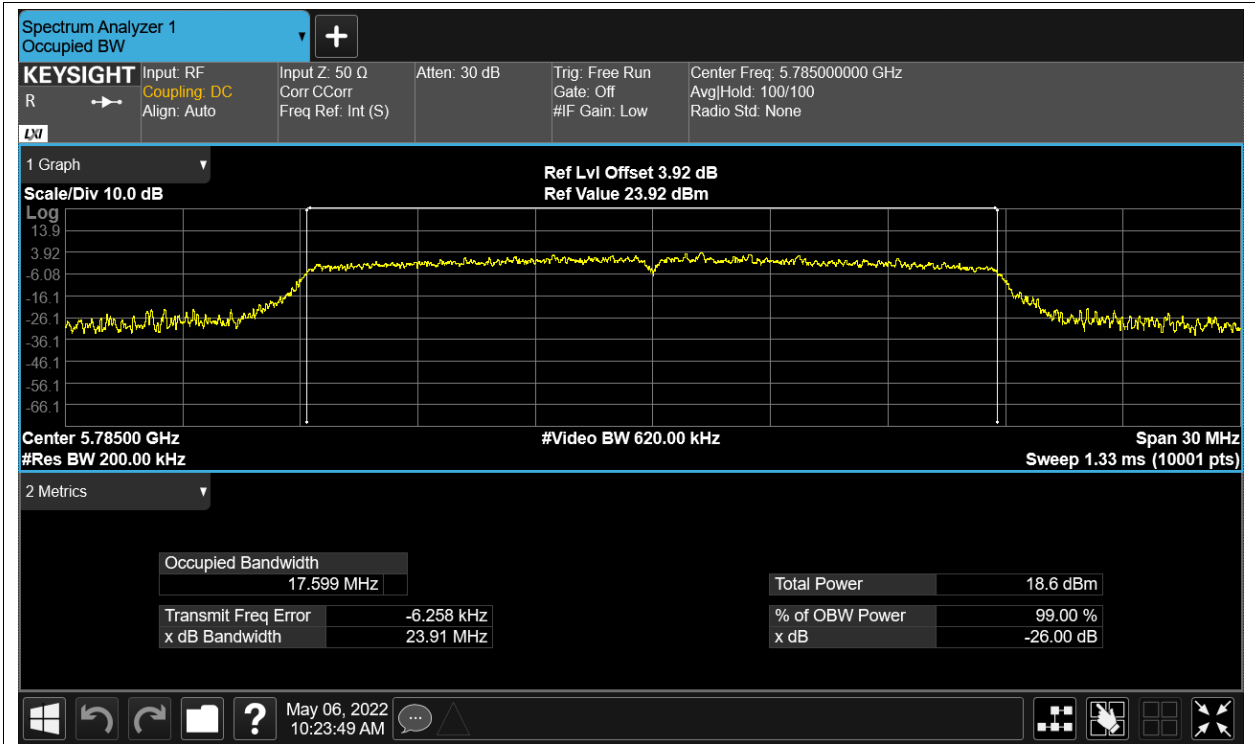


OBW NVNT n20 5745MHz Ant1

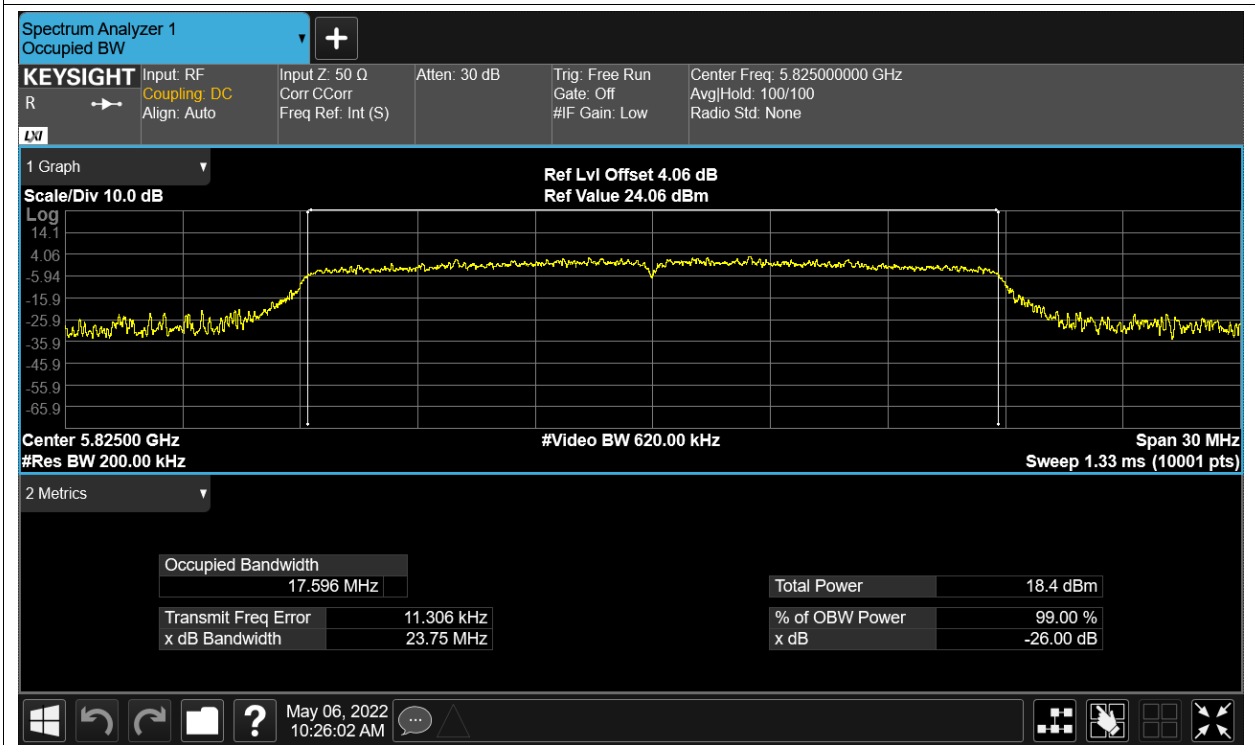


OBW NVNT n20 5785MHz Ant1





OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

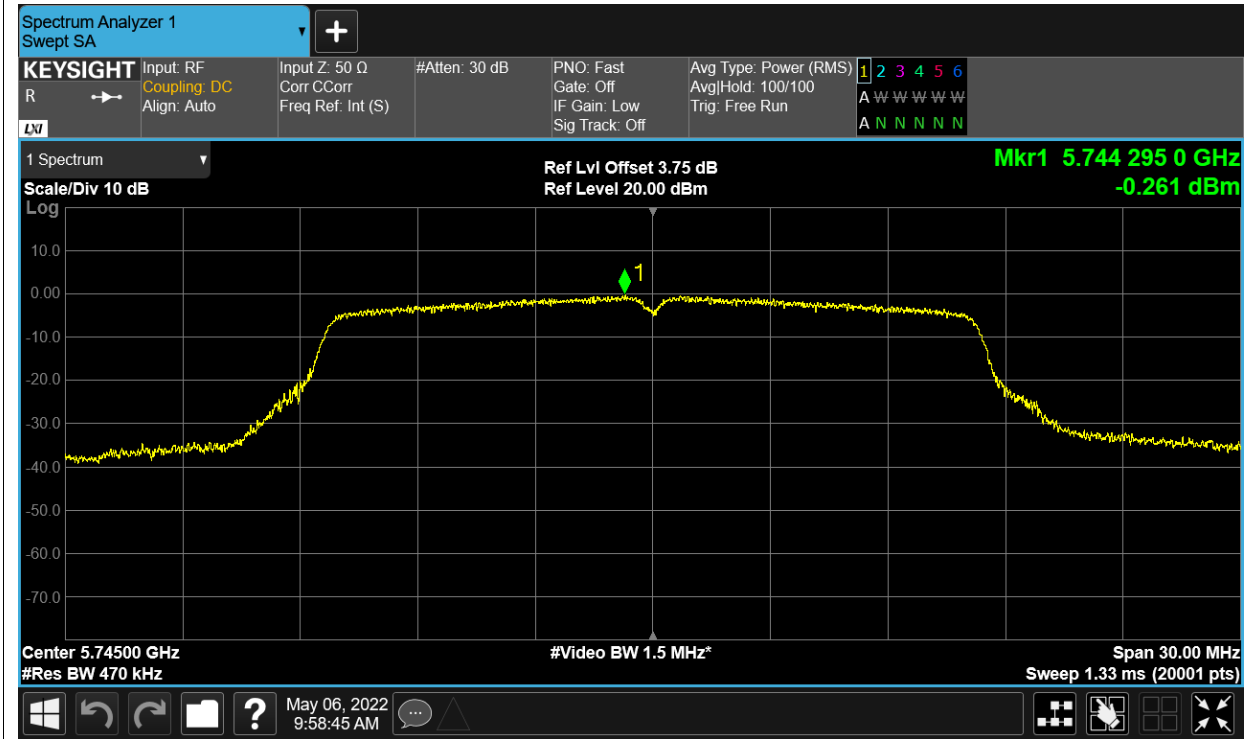


## Maximum Power Spectral Density Level

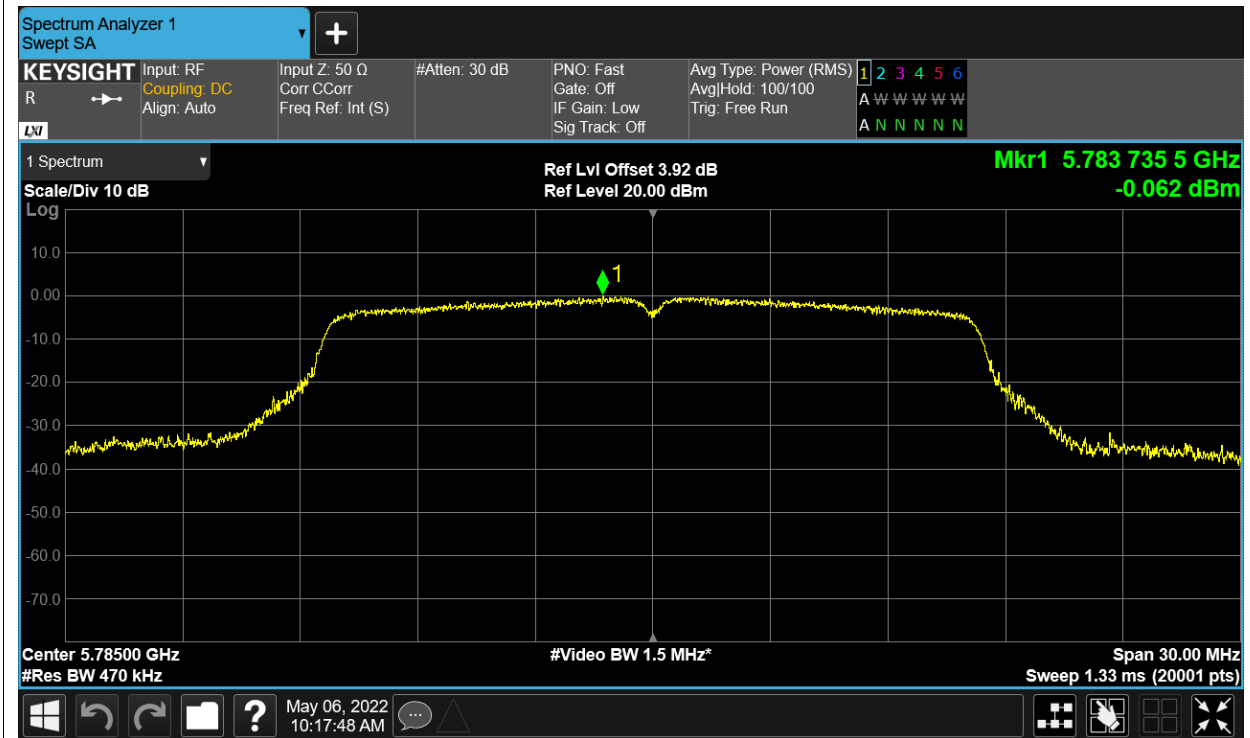
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.261	30	Pass
NVNT	a	5785	Ant1	-0.062	30	Pass
NVNT	a	5825	Ant1	0.004	30	Pass
NVNT	ac20	5745	Ant1	-0.308	30	Pass
NVNT	ac20	5785	Ant1	0.113	30	Pass
NVNT	ac20	5825	Ant1	-0.317	30	Pass
NVNT	ac40	5755	Ant1	-2.852	30	Pass
NVNT	ac40	5795	Ant1	-3.196	30	Pass
NVNT	ac80	5775	Ant1	-5.791	30	Pass
NVNT	n20	5745	Ant1	-0.505	30	Pass
NVNT	n20	5785	Ant1	-0.231	30	Pass
NVNT	n20	5825	Ant1	-0.623	30	Pass
NVNT	n40	5755	Ant1	-2.834	30	Pass
NVNT	n40	5795	Ant1	-2.98	30	Pass

Test Graphs

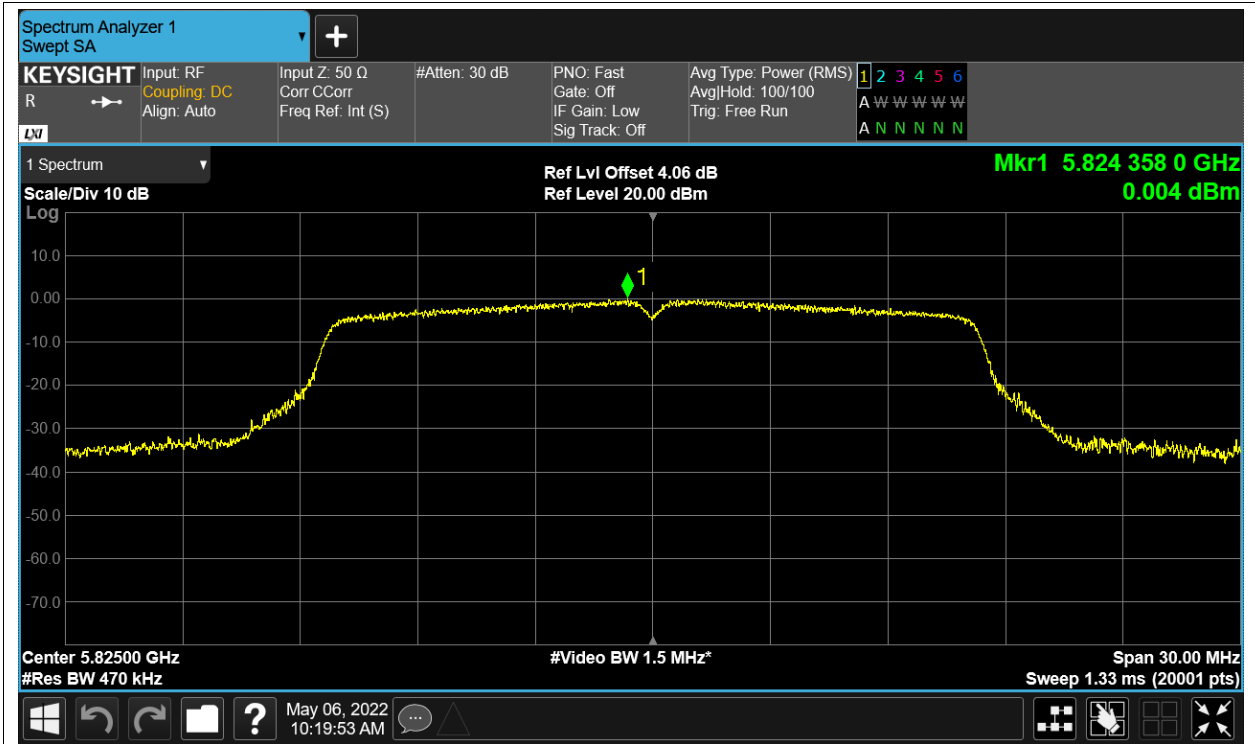
PSD NVNT a 5745MHz Ant1



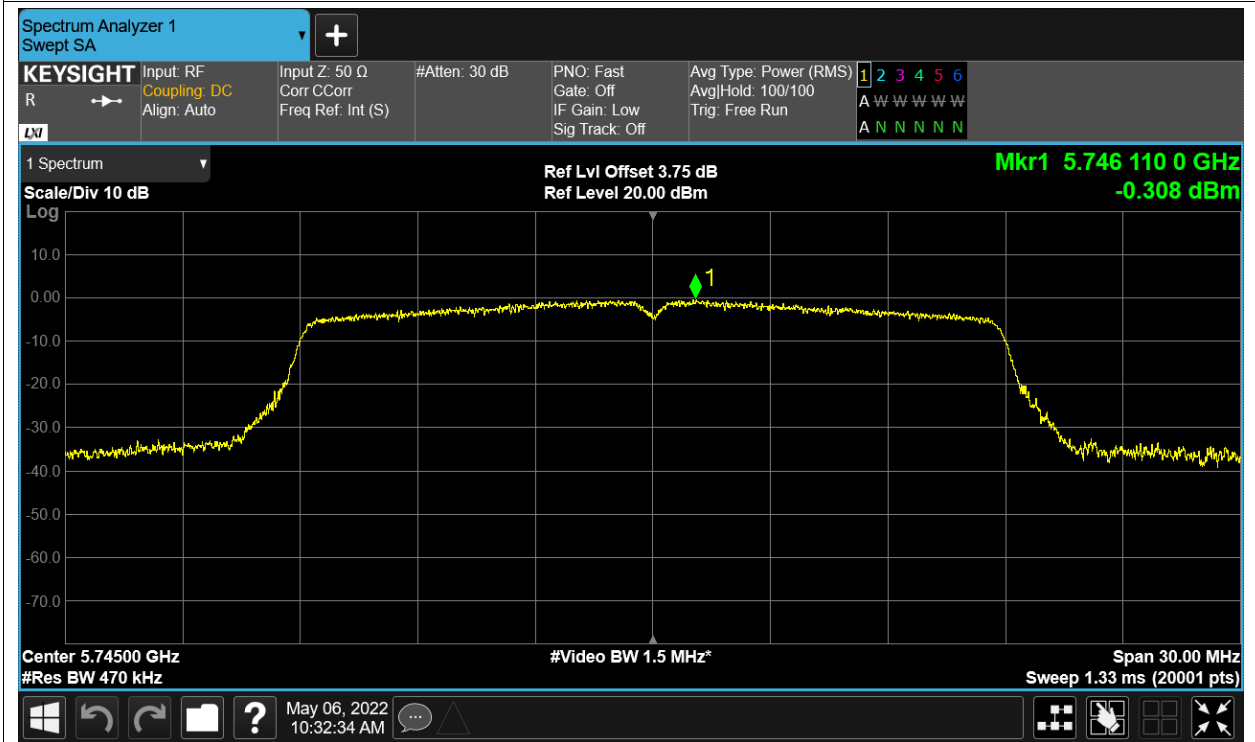
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



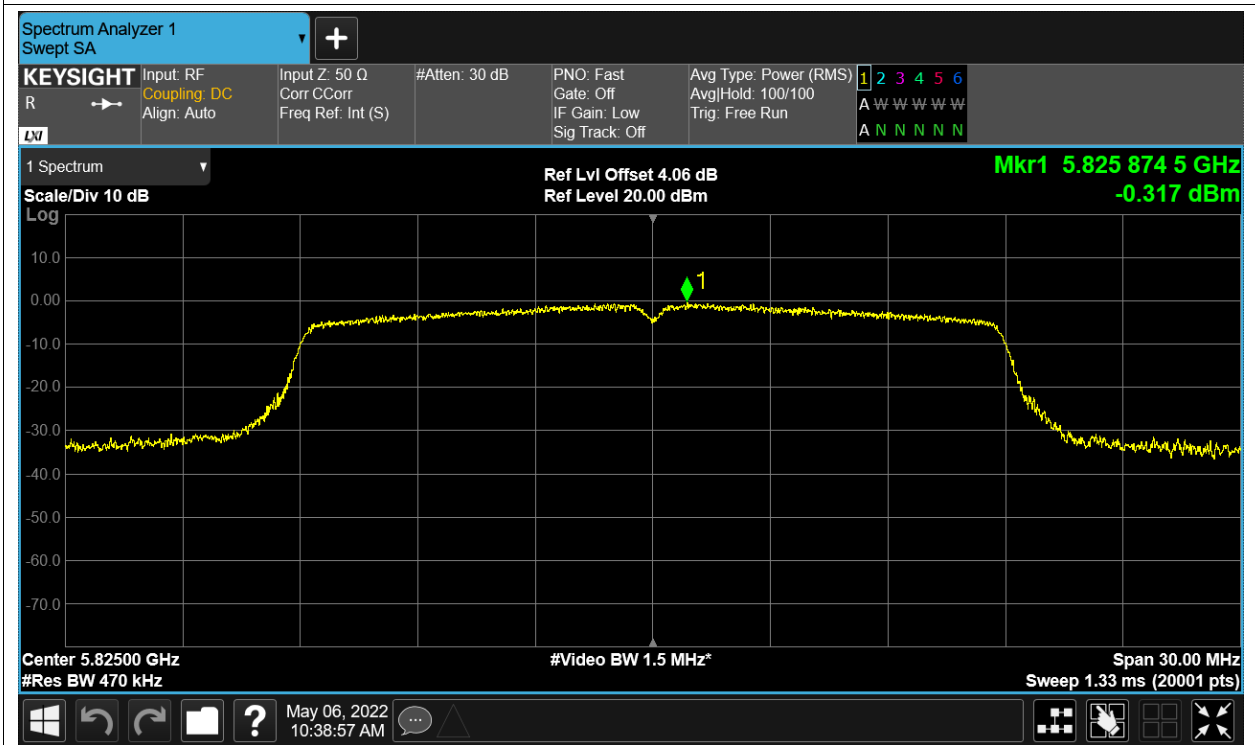
PSD NVNT ac20 5745MHz Ant1



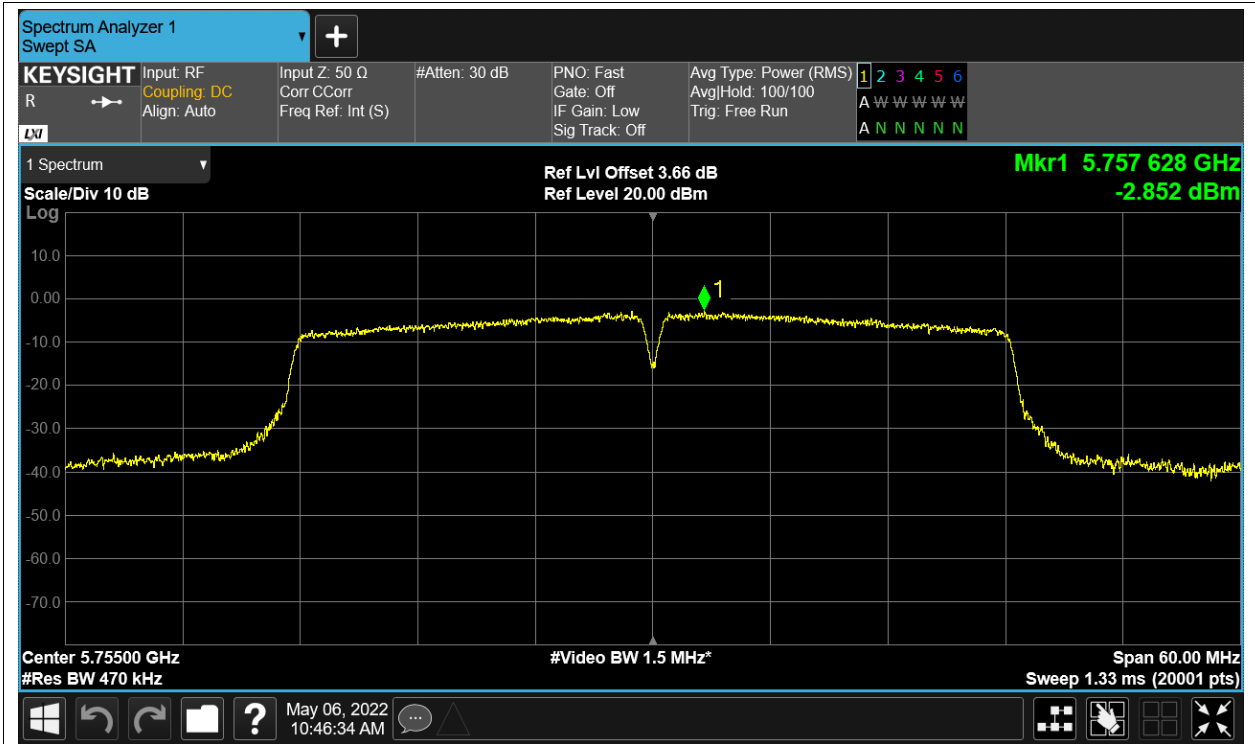
PSD NVNT ac20 5785MHz Ant1



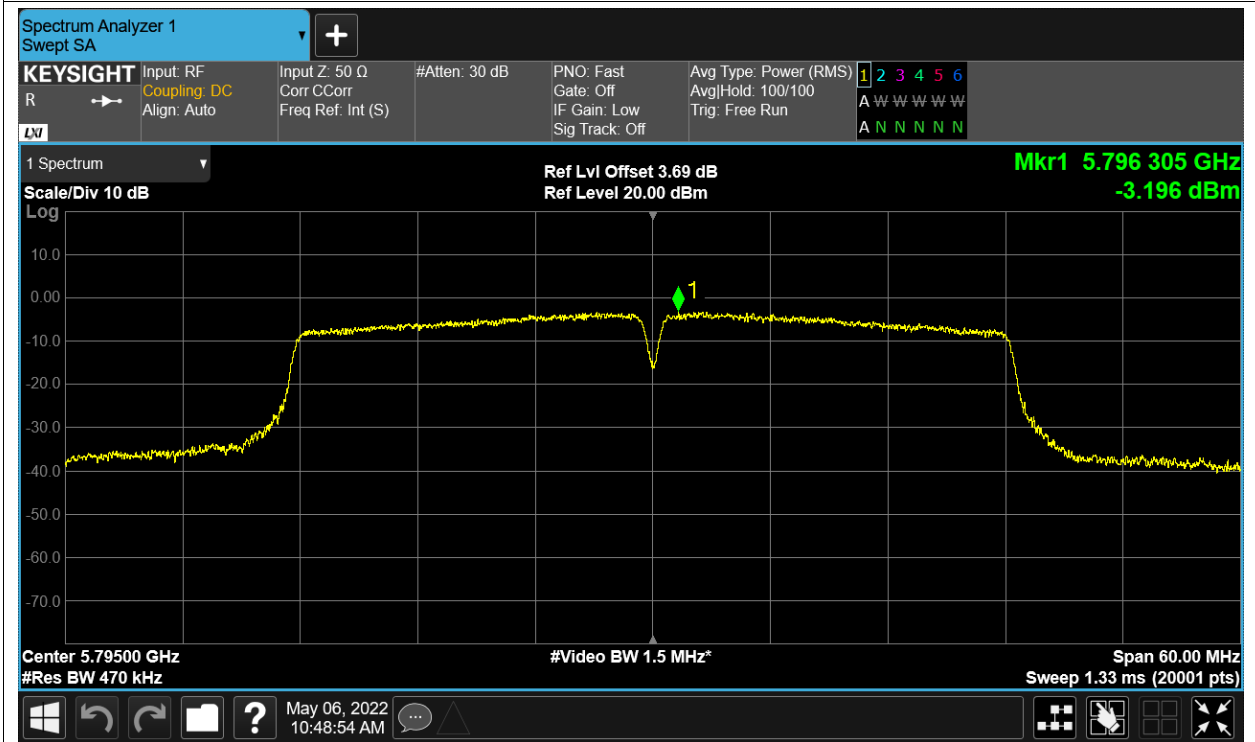
PSD NVNT ac20 5825MHz Ant1



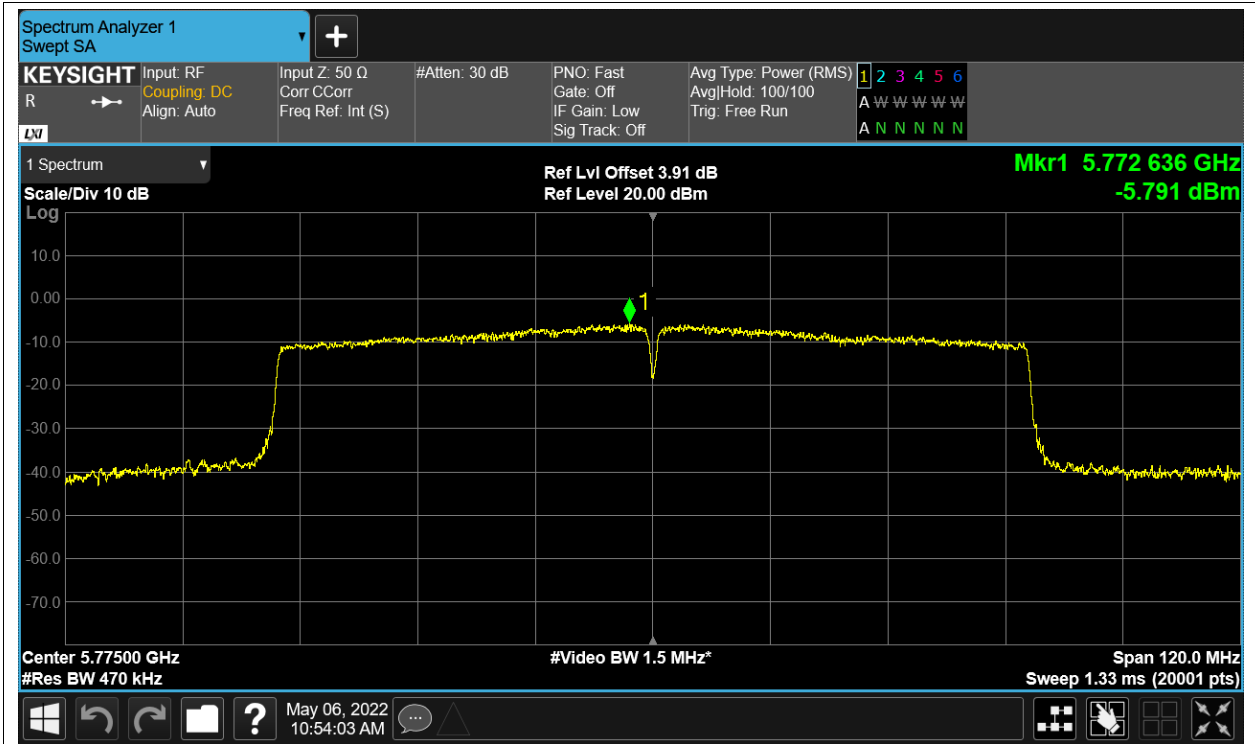
PSD NVNT ac40 5755MHz Ant1



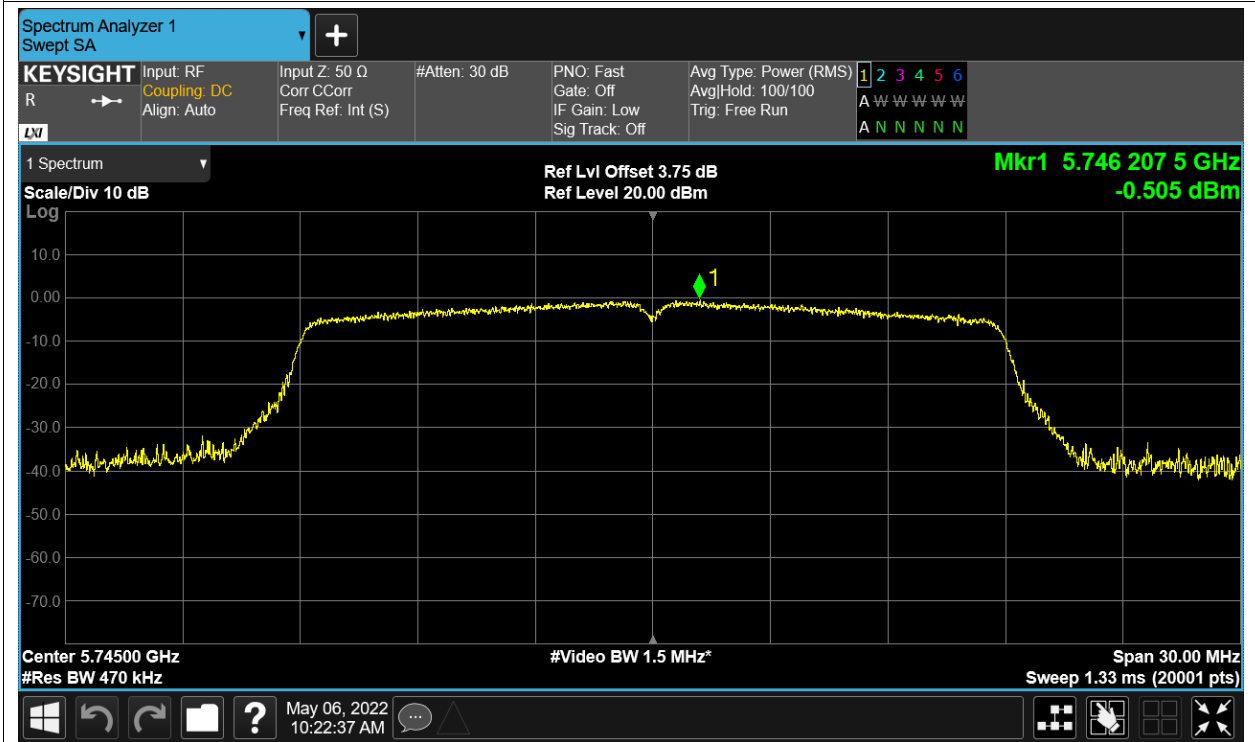
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

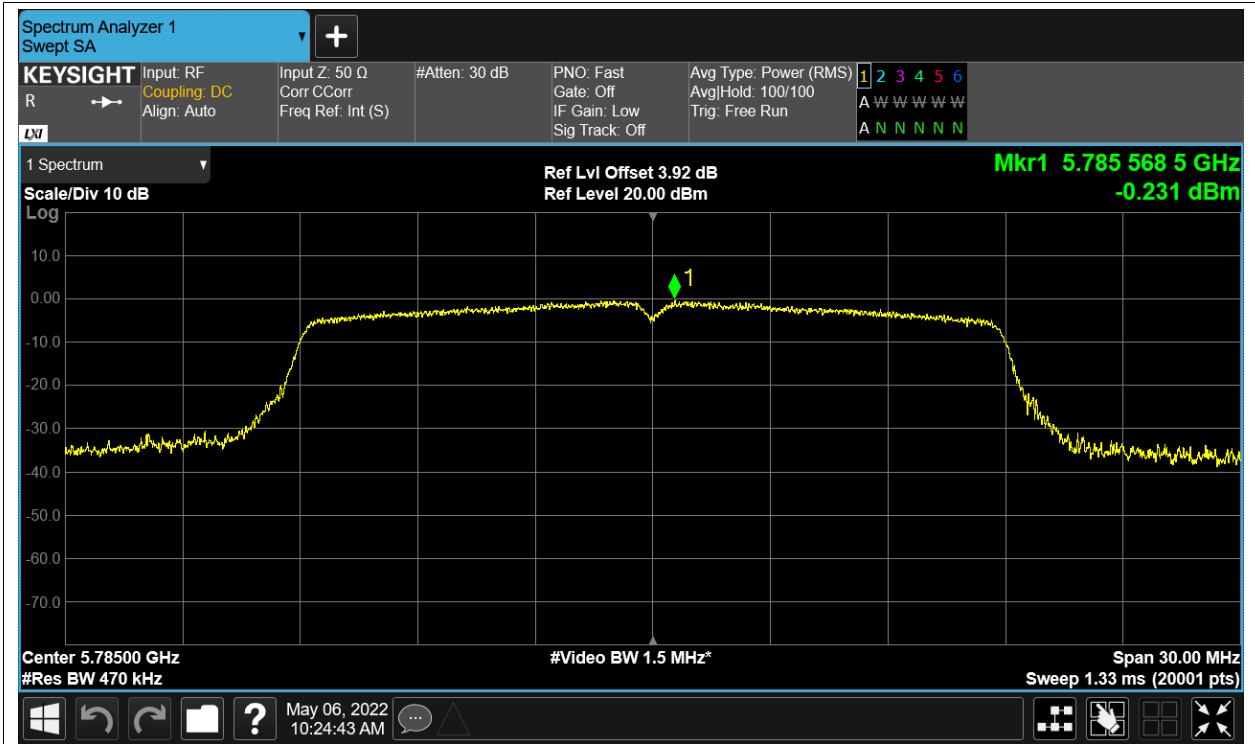


PSD NVNT n20 5745MHz Ant1

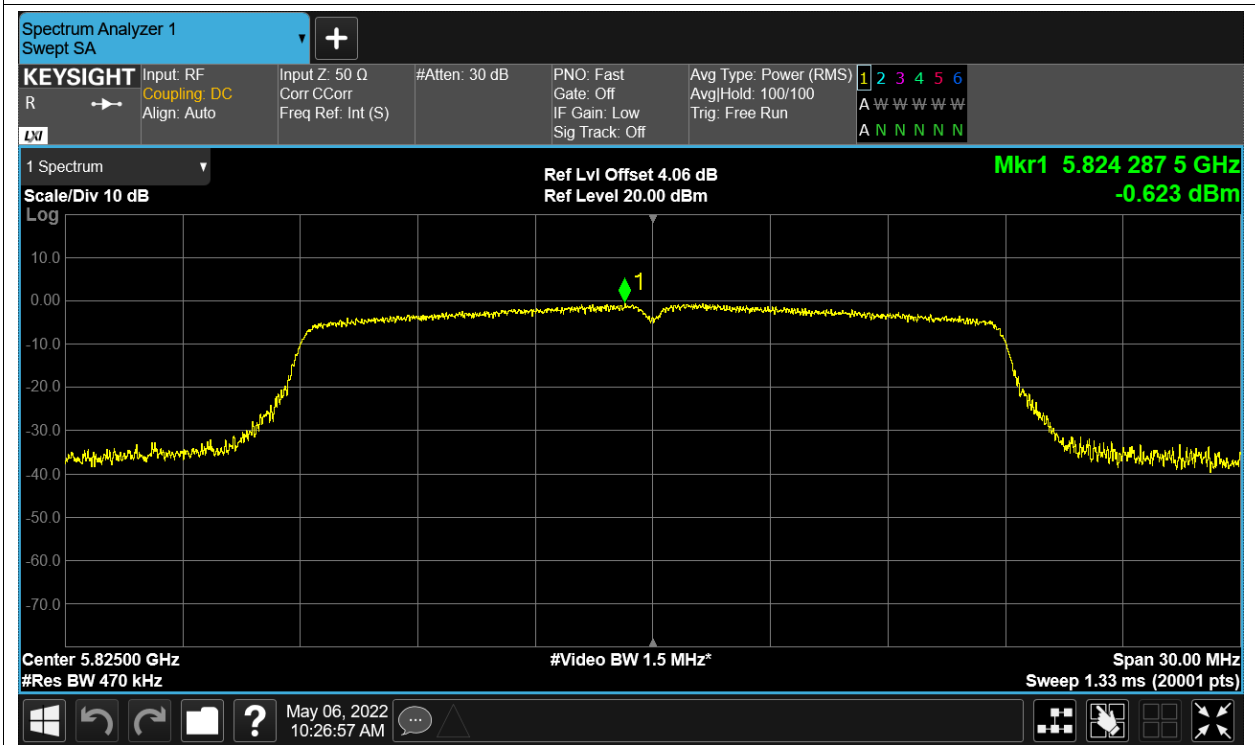


PSD NVNT n20 5785MHz Ant1

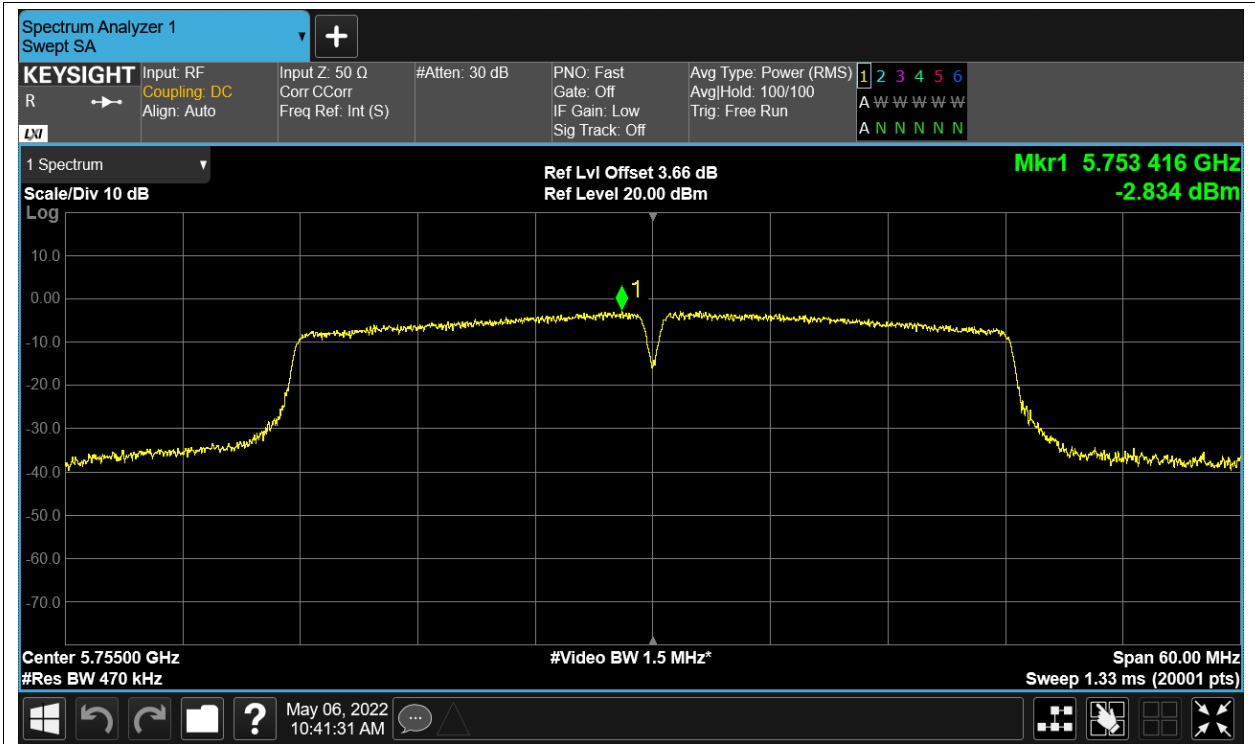




PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

