

## Test Data

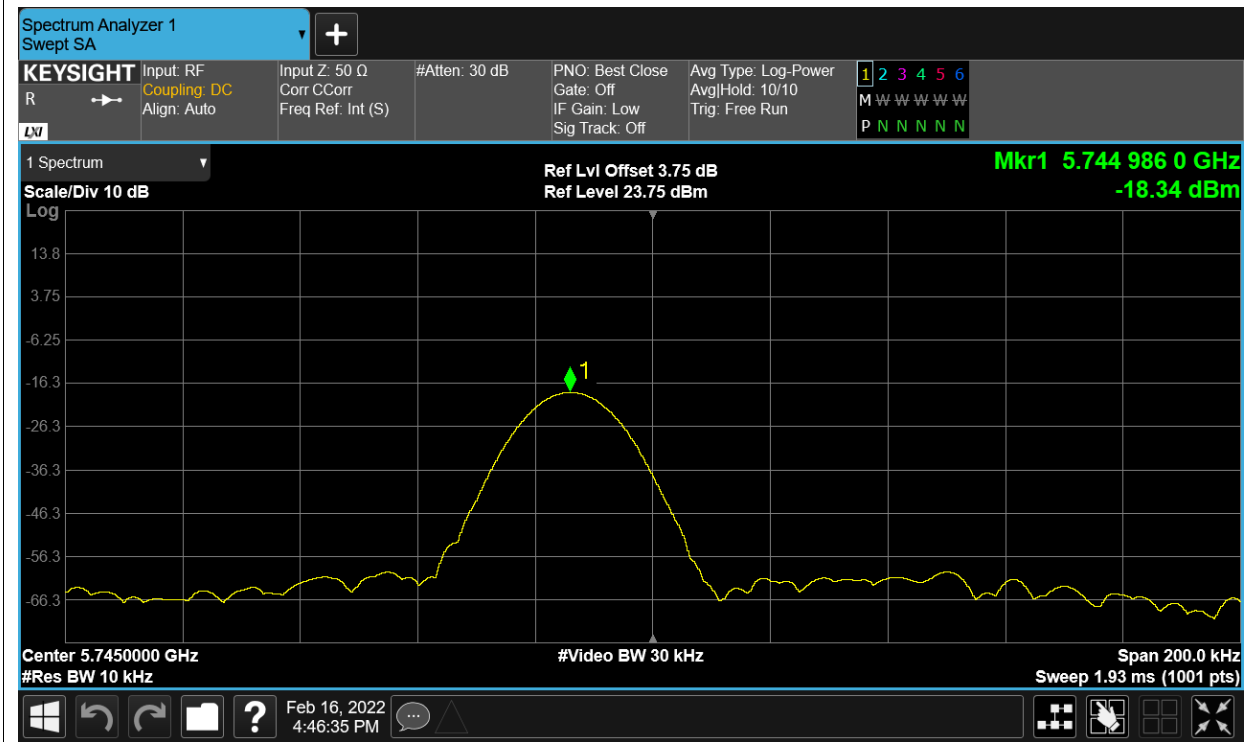
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.986	-2.44	Within authorized band	Pass
LVNT	a	5745	Ant1	5744.9866	-2.33		Pass
NVHT	a	5745	Ant1	5744.987	-2.26		Pass
NVLT	a	5745	Ant1	5744.9878	-2.12		Pass
NVNT	a	5745	Ant1	5744.9884	-2.02		Pass
HVNT	ac80	5775	Ant1	5774.9816	-3.19		Pass
LVNT	ac80	5775	Ant1	5774.9818	-3.15		Pass
NVHT	ac80	5775	Ant1	5774.9822	-3.08		Pass
NVLT	ac80	5775	Ant1	5774.9826	-3.01		Pass
NVNT	ac80	5775	Ant1	5774.983	-2.94		Pass
HVNT	n40	5755	Ant1	5754.9822	-3.09		Pass
LVNT	n40	5755	Ant1	5754.9826	-3.02		Pass
NVHT	n40	5755	Ant1	5754.983	-2.95		Pass
NVLT	n40	5755	Ant1	5754.9832	-2.92		Pass
NVNT	n40	5755	Ant1	5754.984	-2.78		Pass

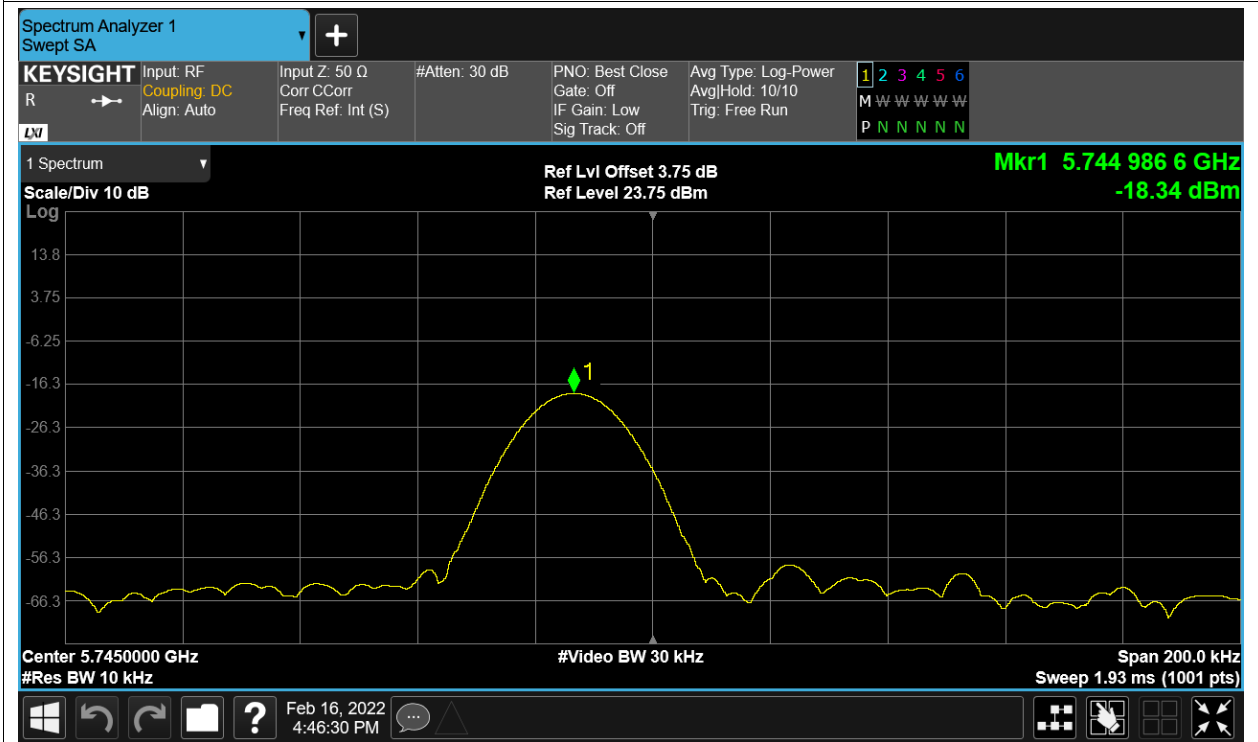
Remark: "NTNV" means Normal Temperature Normal Voltage, "HVNT" means High Voltage Normal Temperature, "LVNT" means Low Voltage Normal Temperature, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature,

Test Graphs

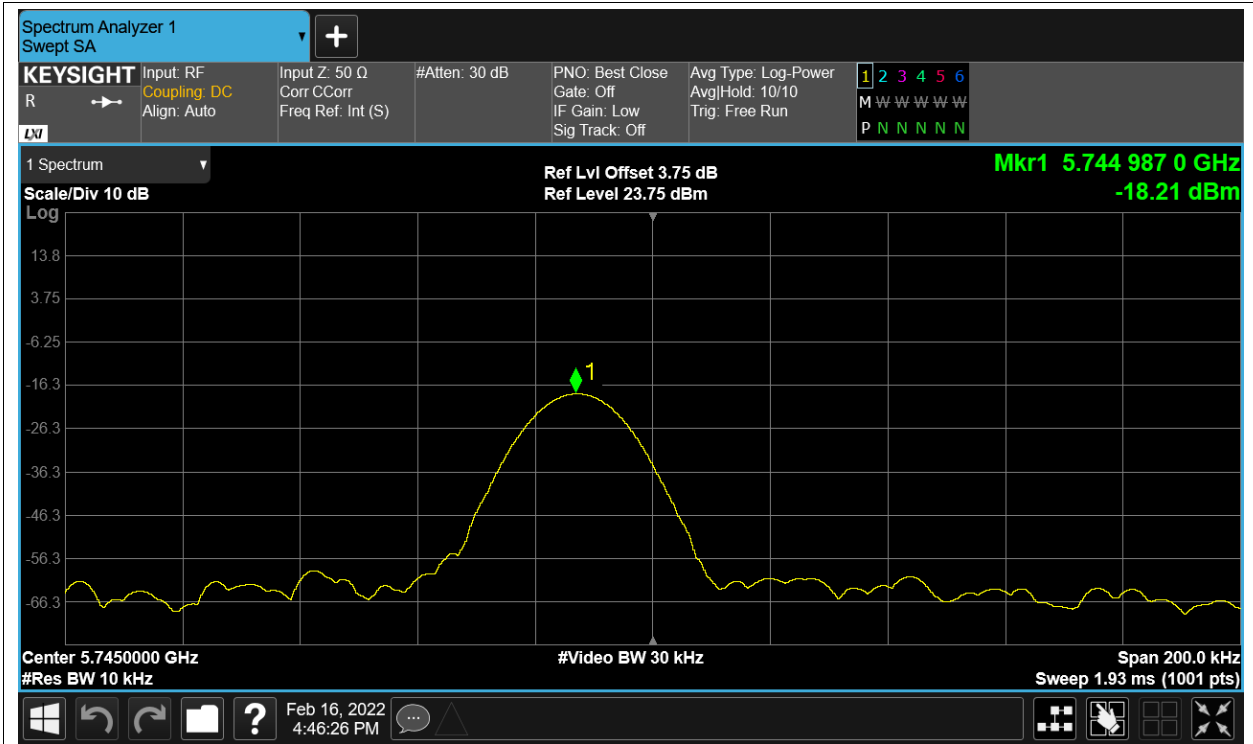
Freq. Stability HVNT a 5745MHz Ant1



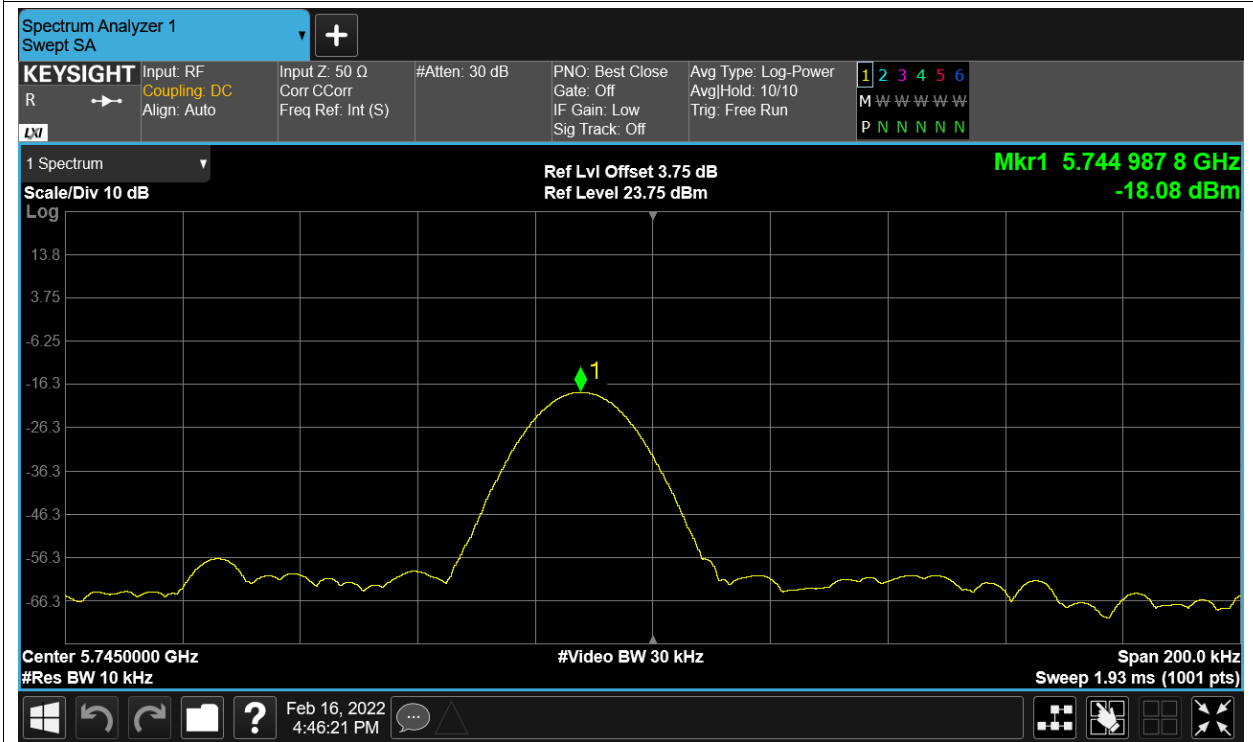
Freq. Stability LVNT a 5745MHz Ant1



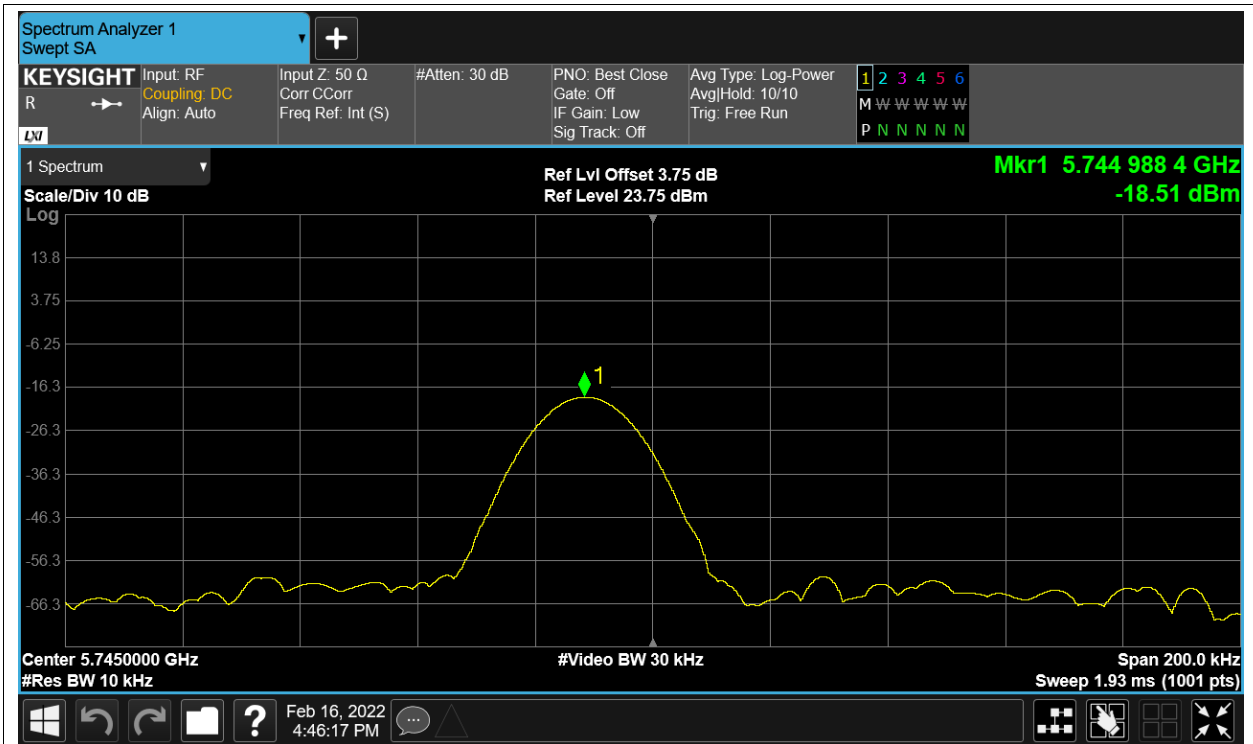
Freq. Stability NVHT a 5745MHz Ant1



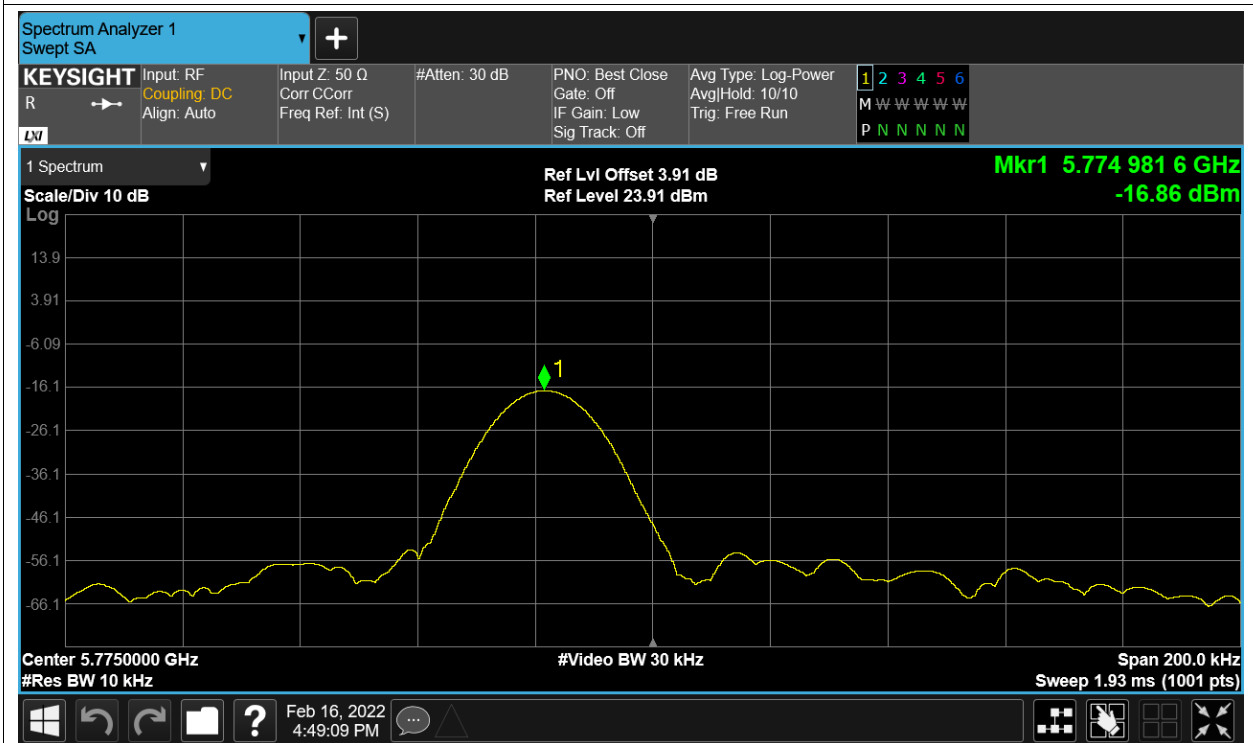
Freq. Stability NVLT a 5745MHz Ant1



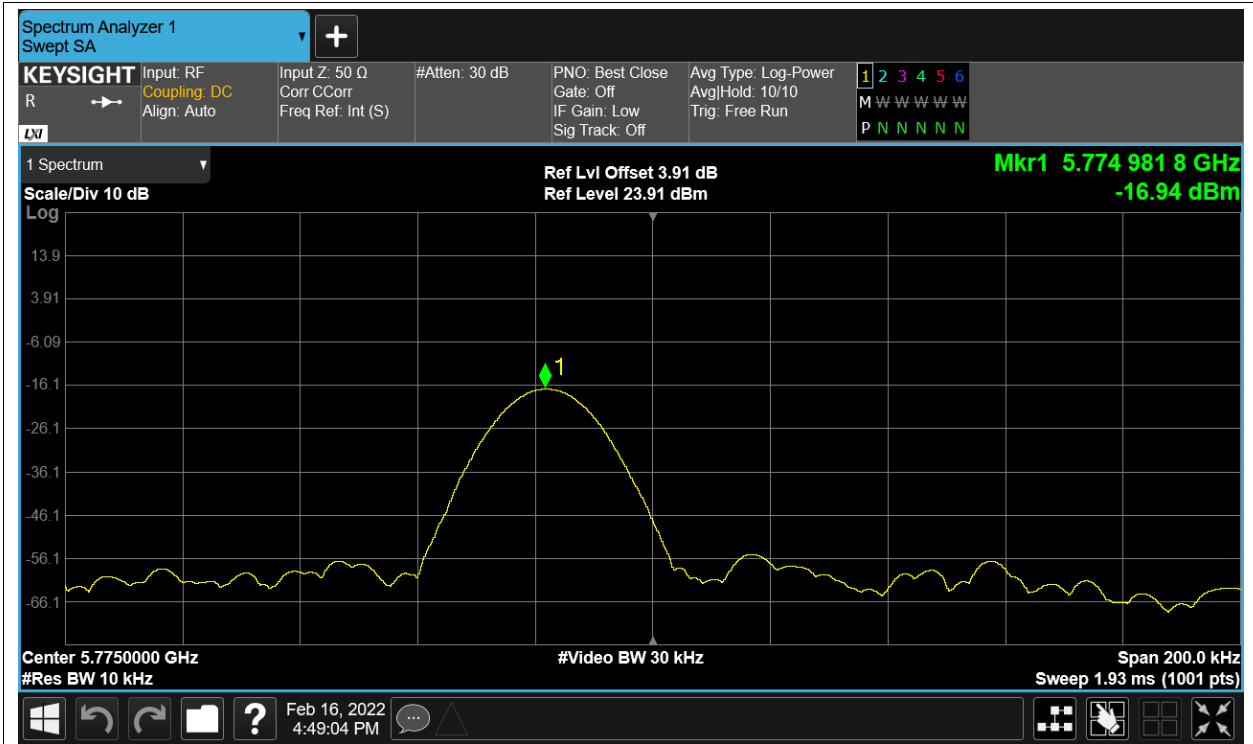
Freq. Stability NVNT a 5745MHz Ant1



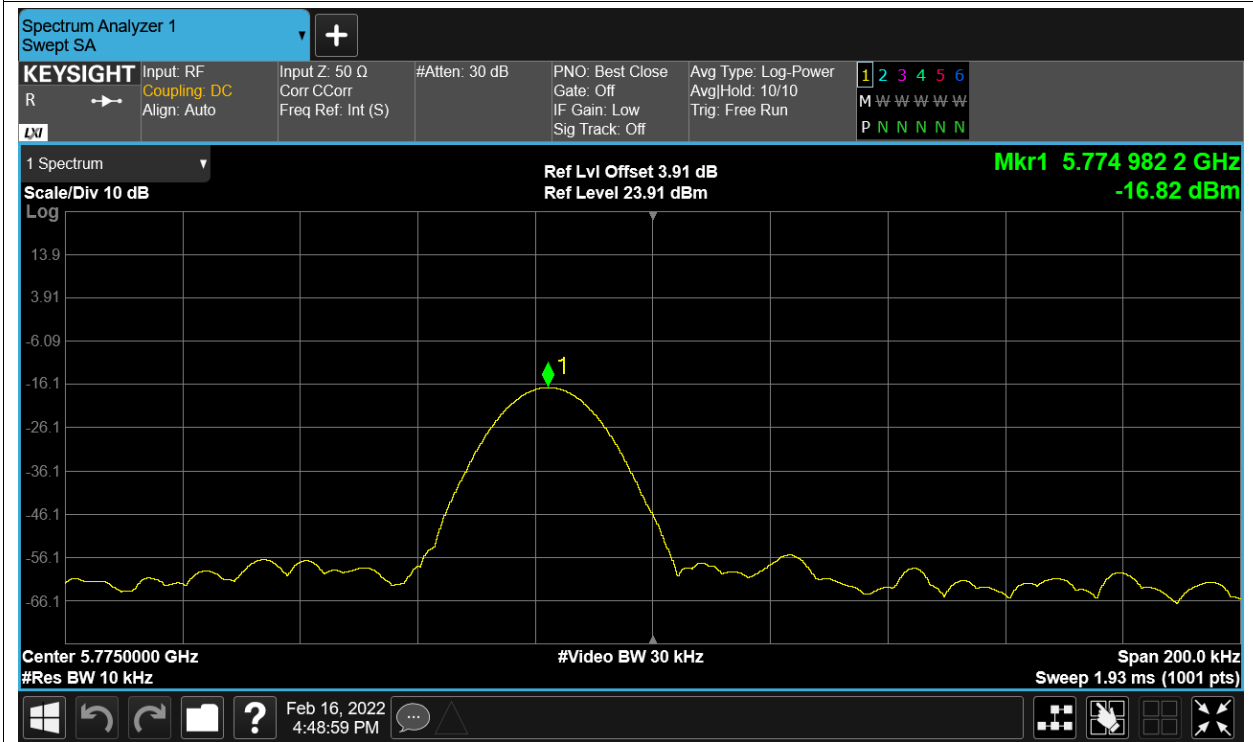
Freq. Stability HVNT ac80 5775MHz Ant1



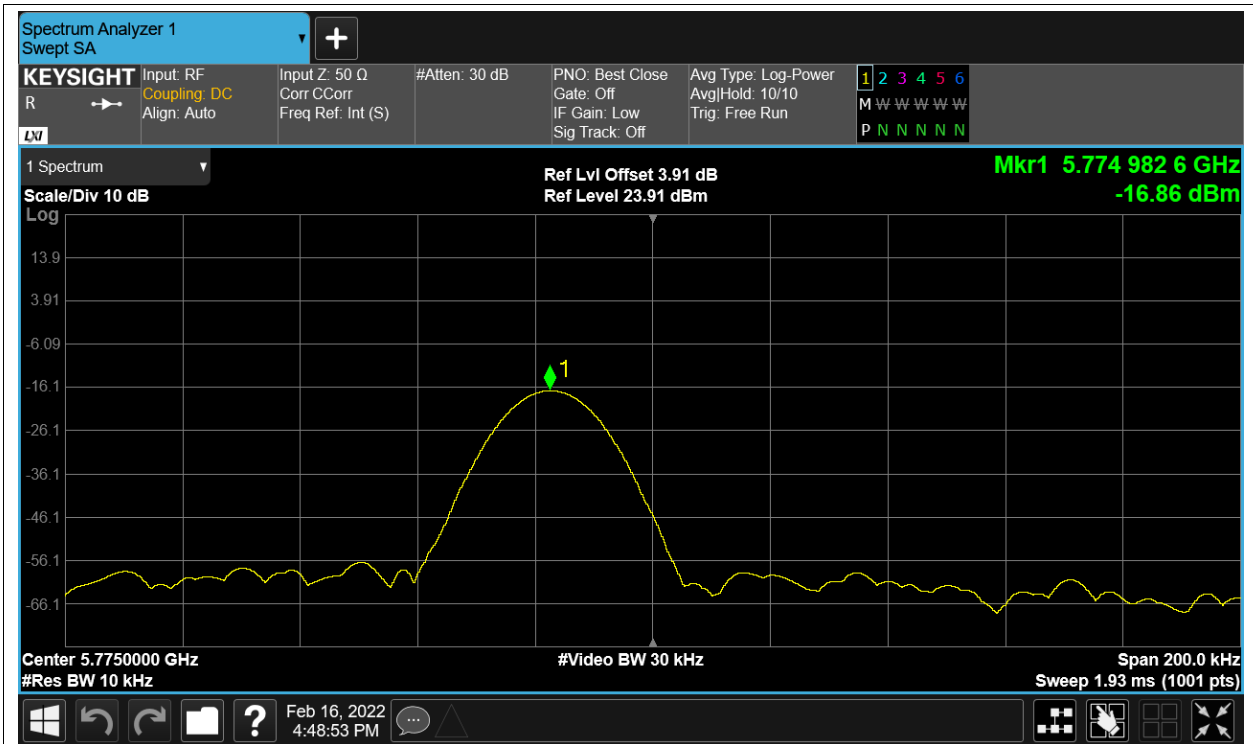
Freq. Stability LVNT ac80 5775MHz Ant1



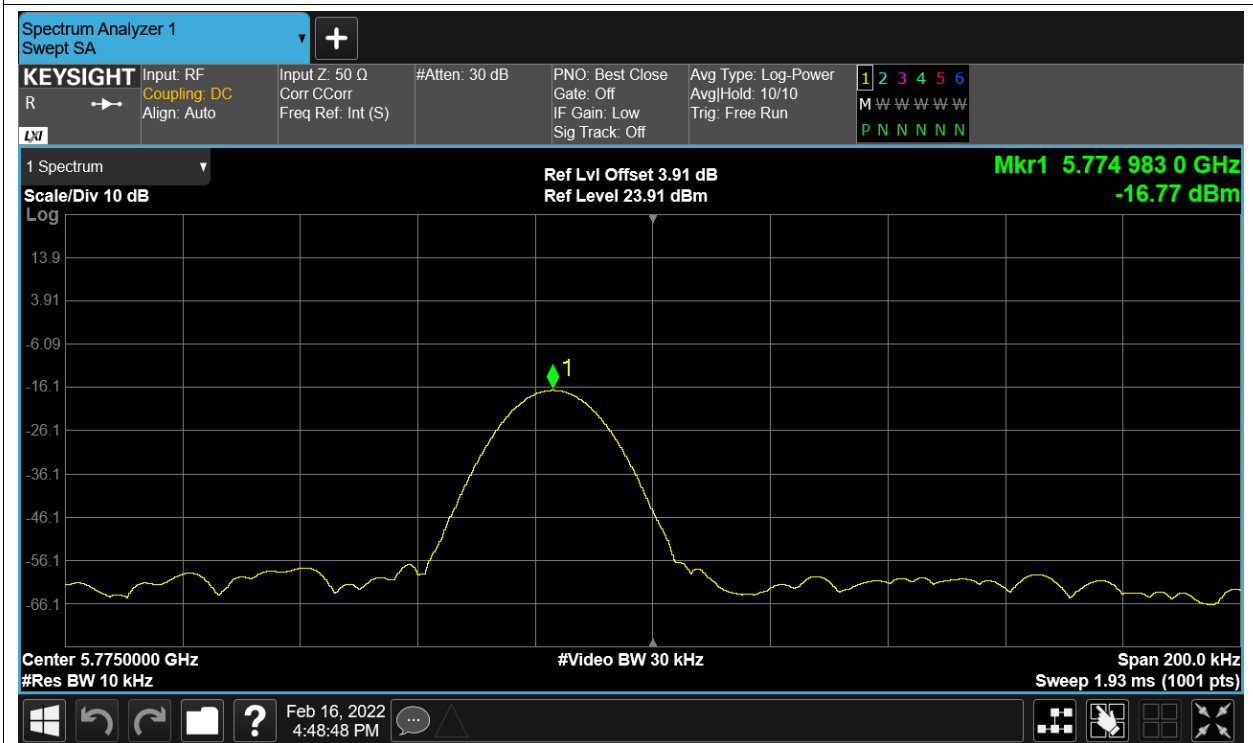
Freq. Stability NVHT ac80 5775MHz Ant1



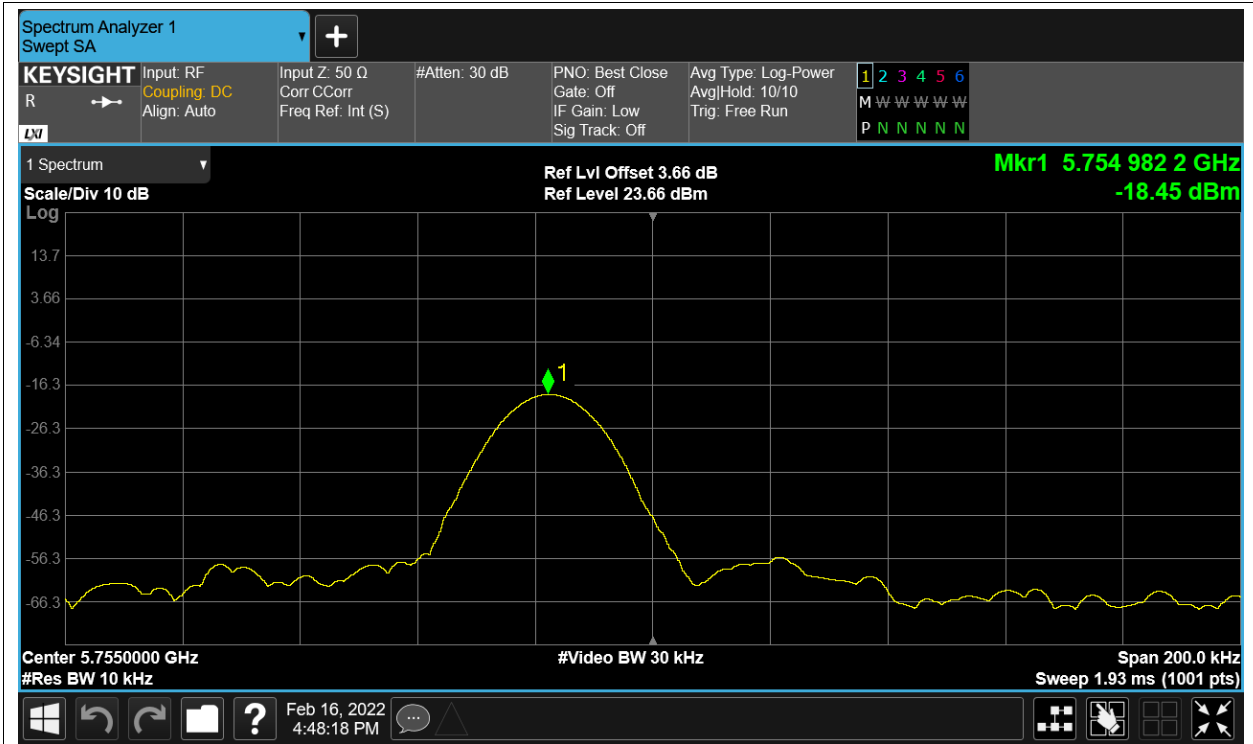
Freq. Stability NVLT ac80 5775MHz Ant1



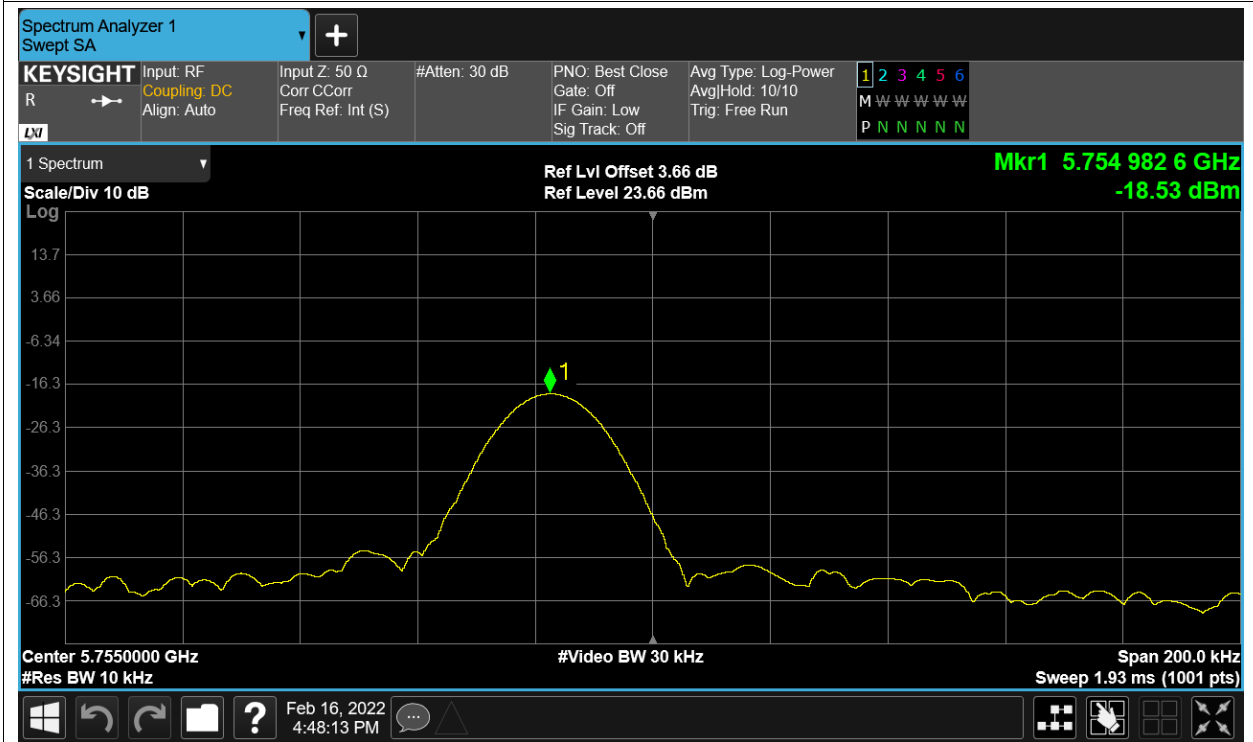
Freq. Stability NVNT ac80 5775MHz Ant1



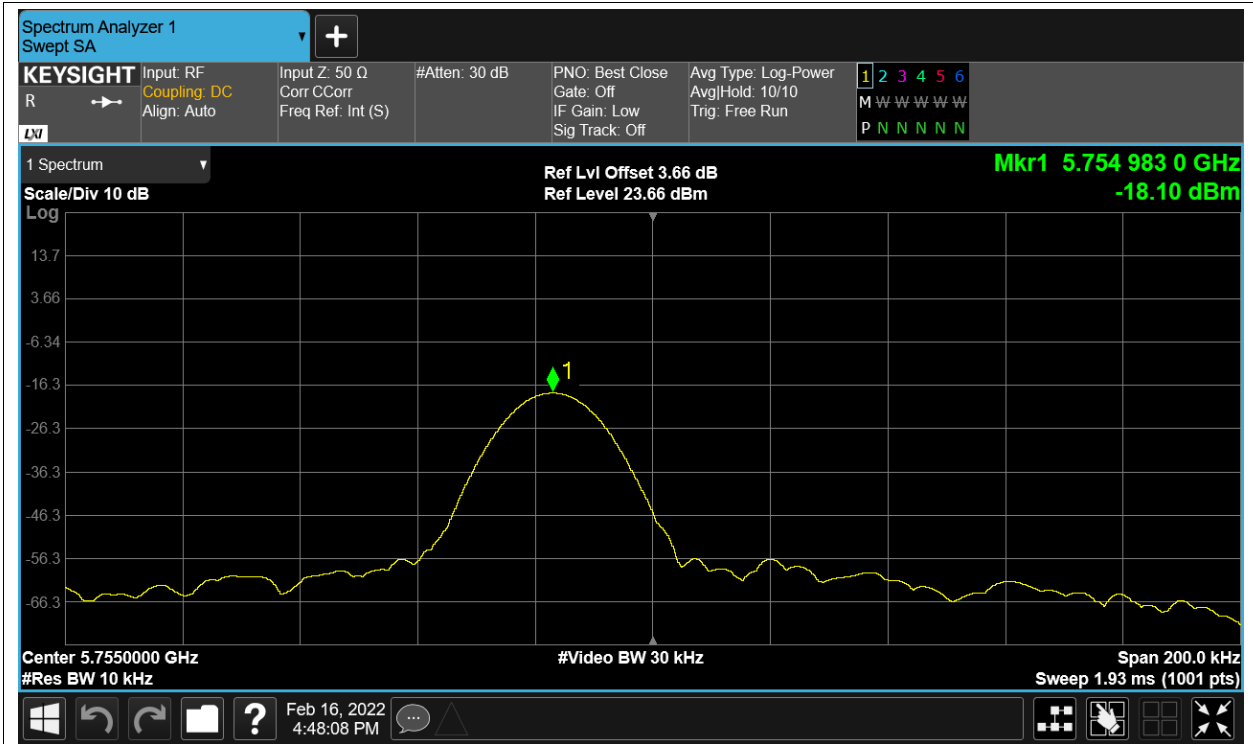
Freq. Stability HVNT n40 5755MHz Ant1



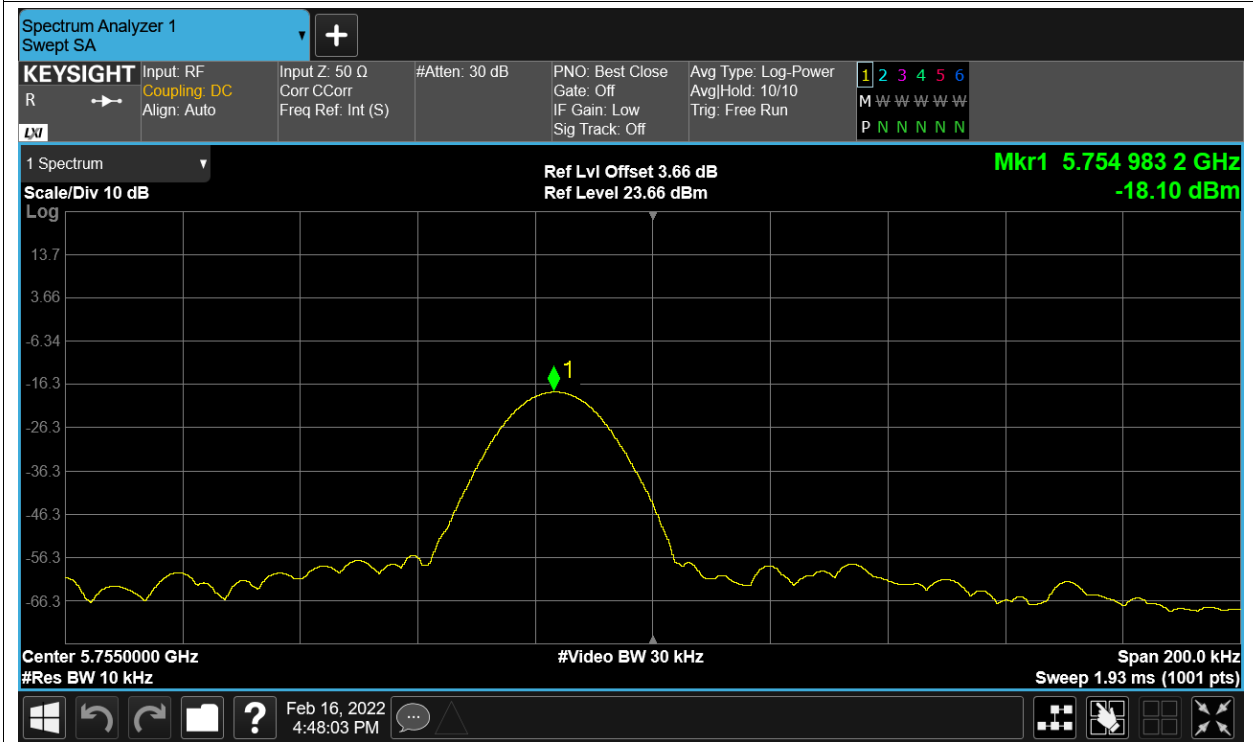
Freq. Stability LVNT n40 5755MHz Ant1



Freq. Stability NVHT n40 5755MHz Ant1

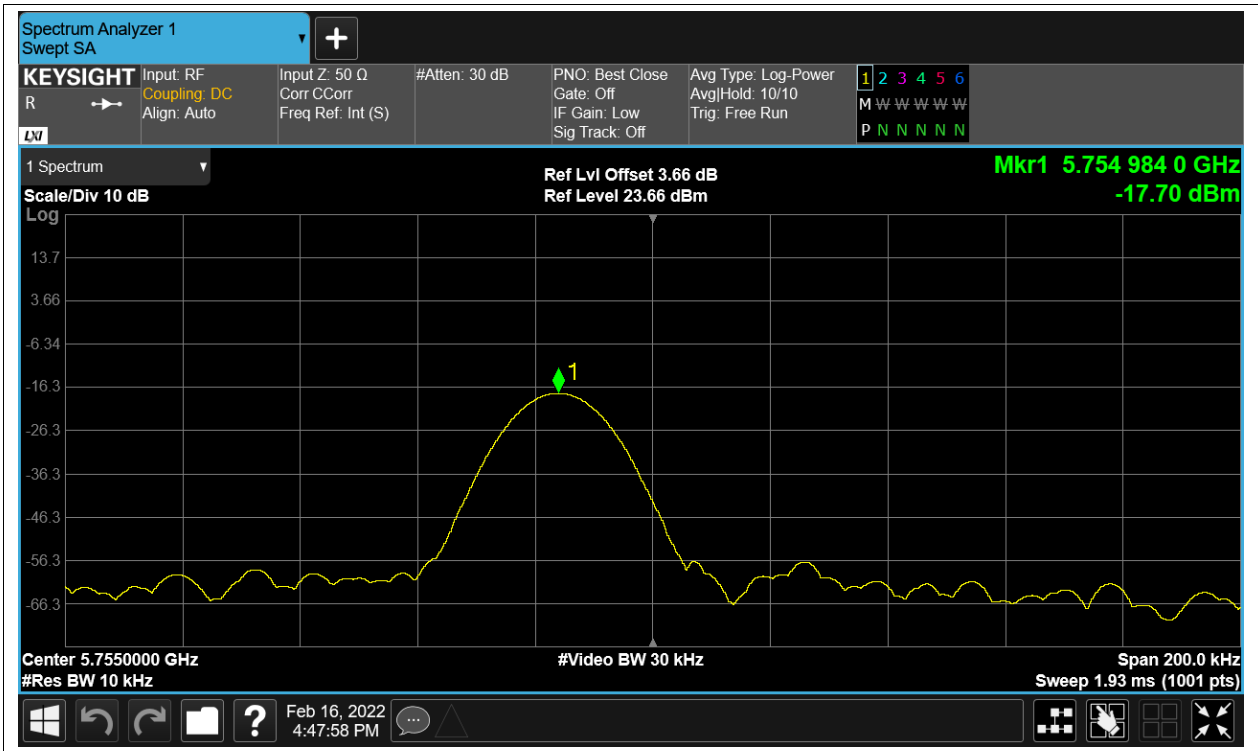


Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1



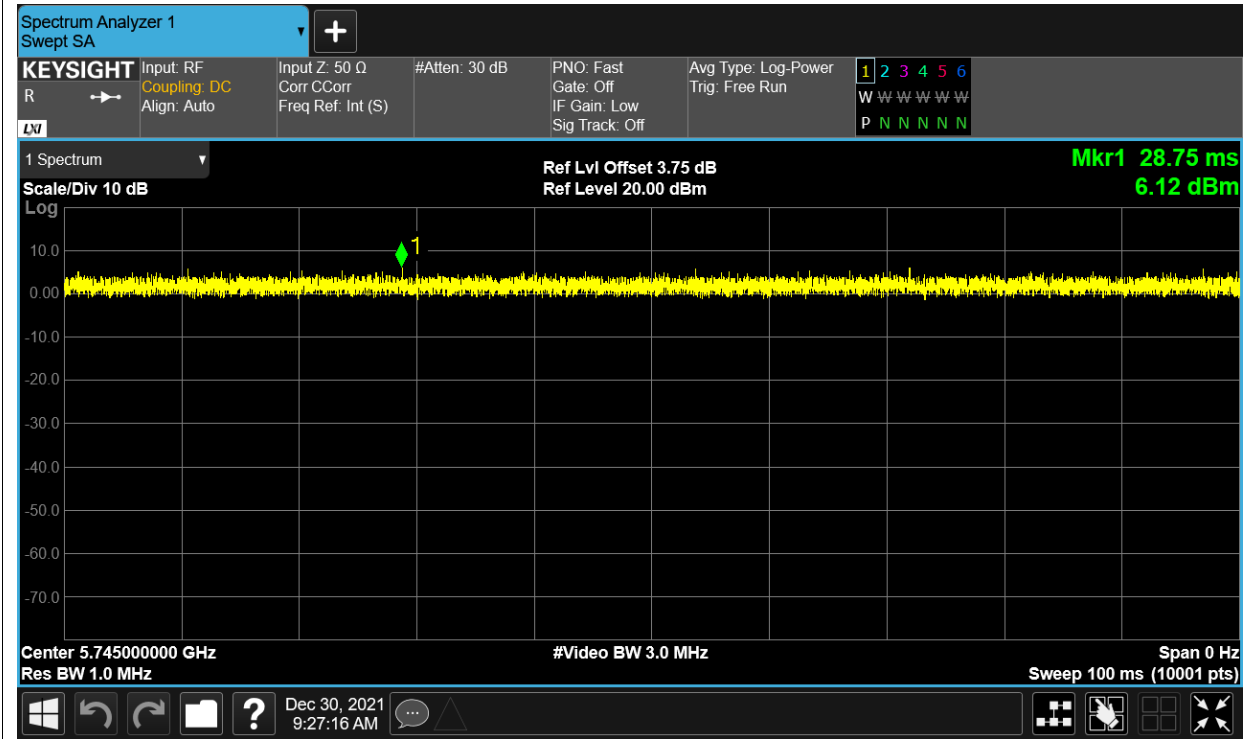


## Duty Cycle

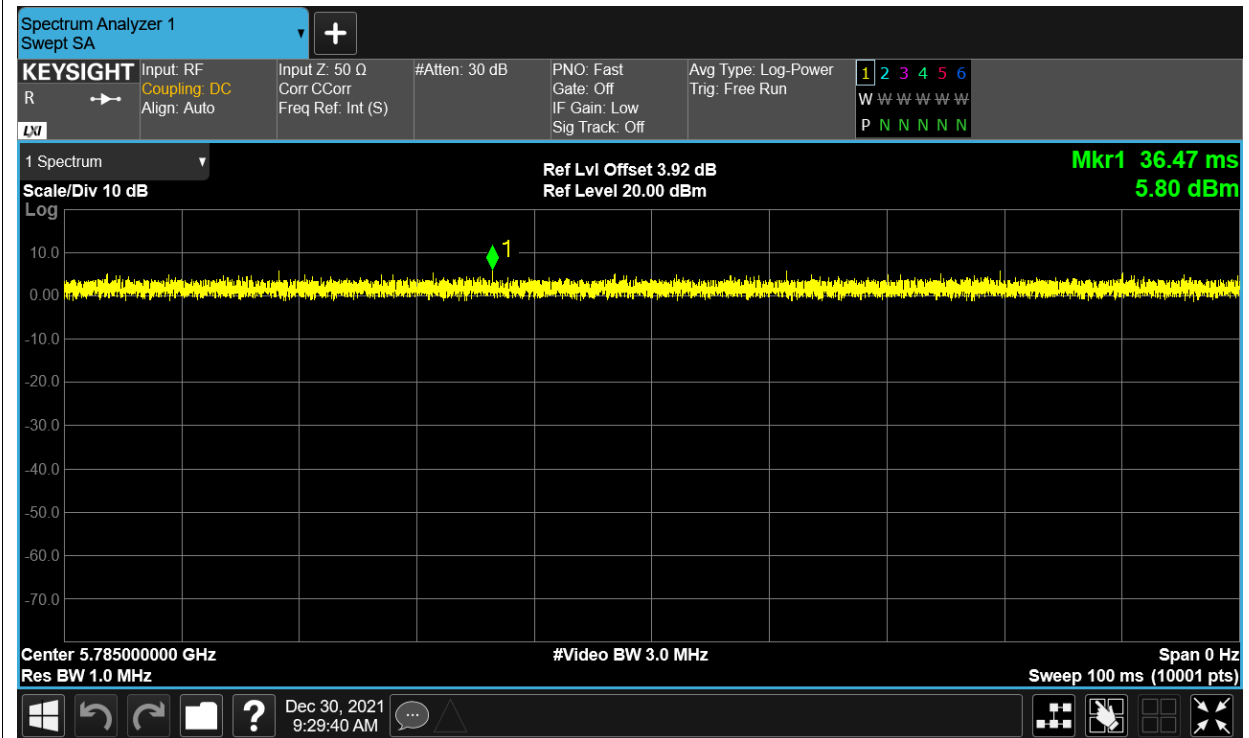
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0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

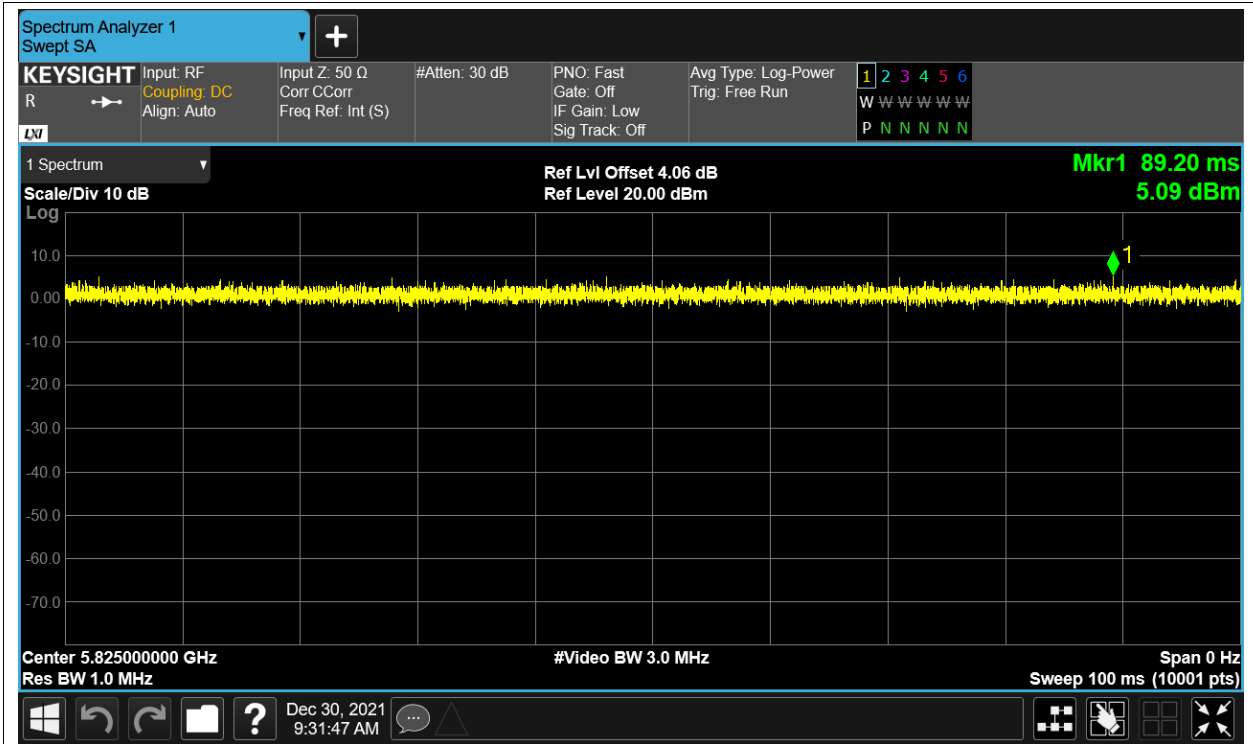
Duty Cycle NVNT a 5745MHz Ant1



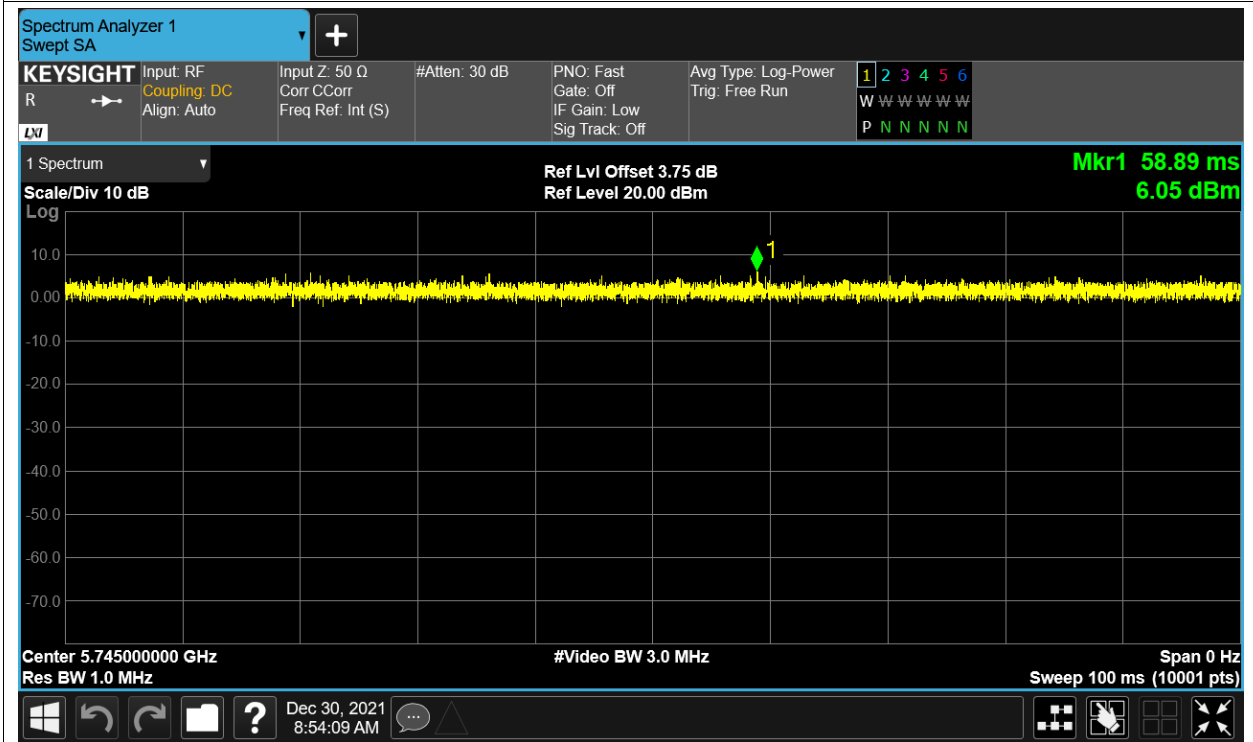
Duty Cycle NVNT a 5785MHz Ant1



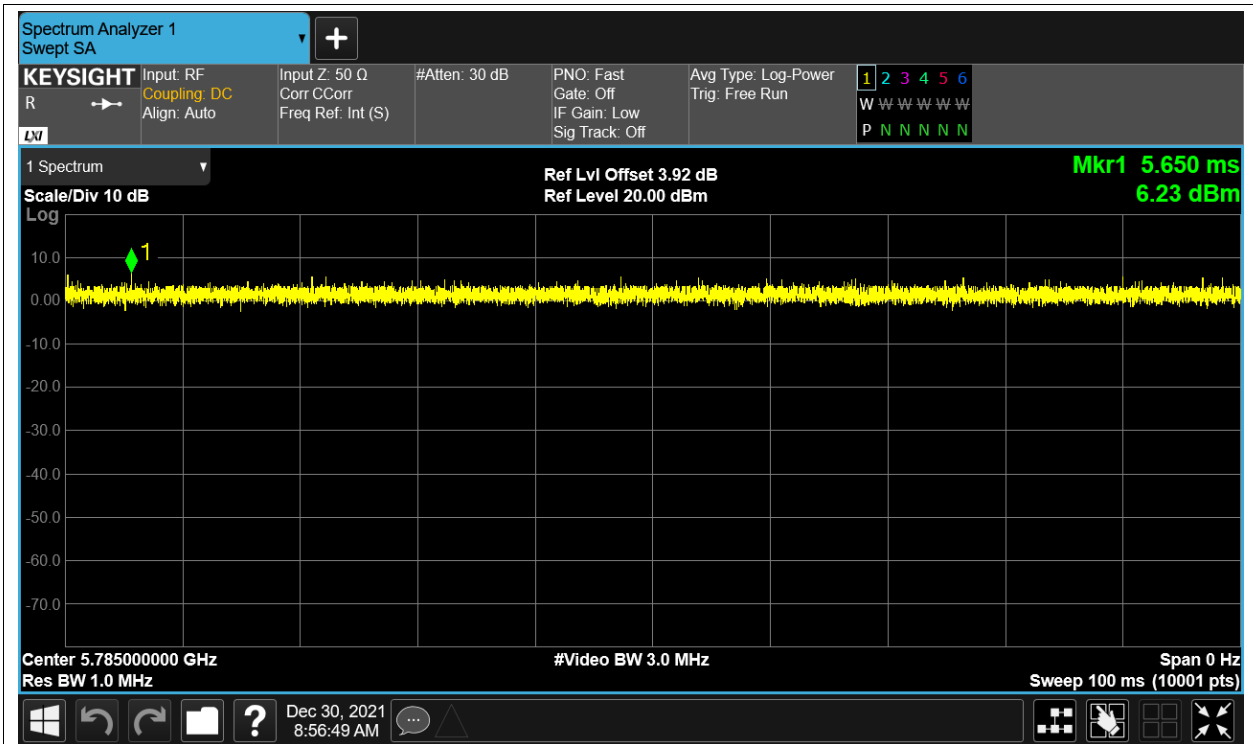
Duty Cycle NVNT a 5825MHz Ant1



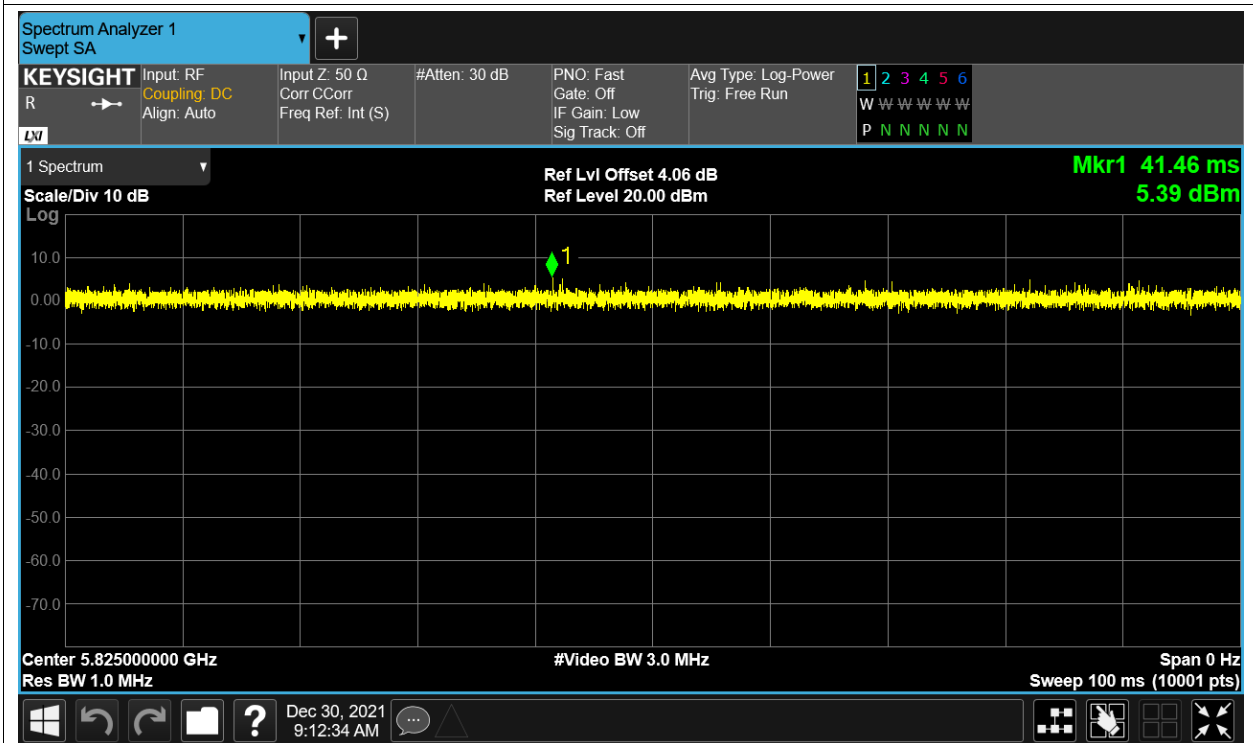
Duty Cycle NVNT ac20 5745MHz Ant1



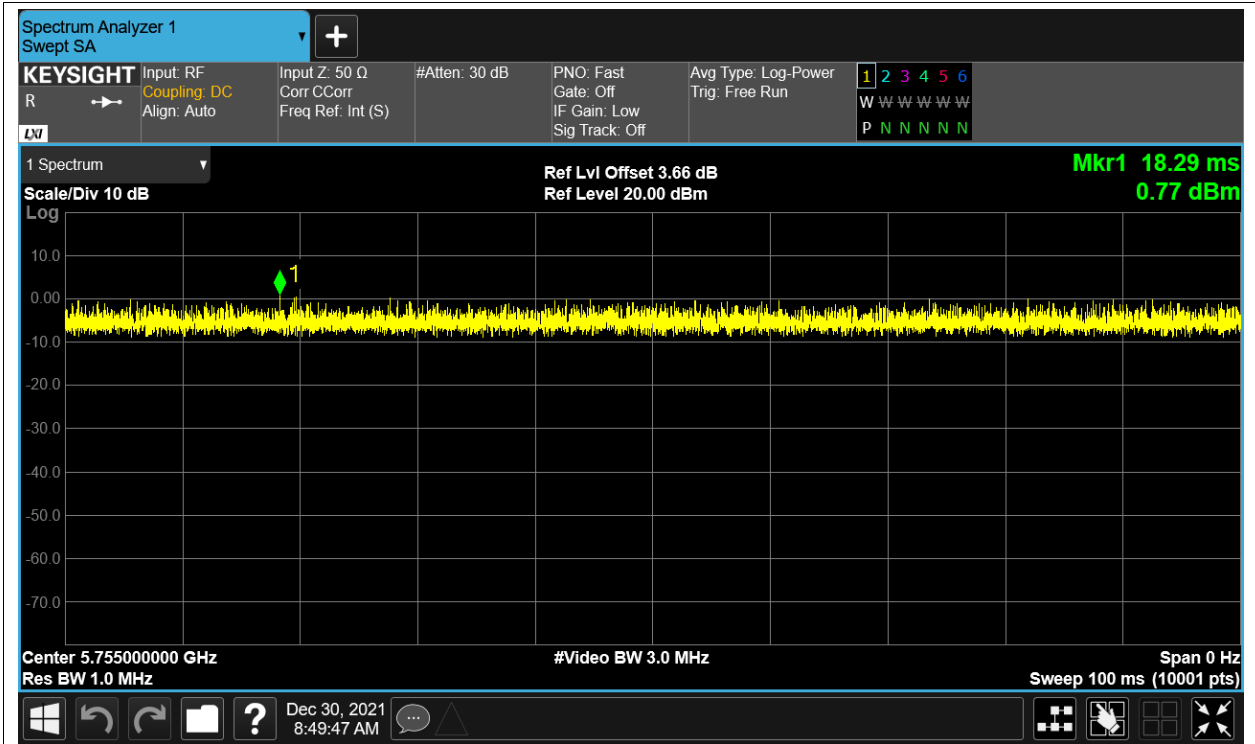
Duty Cycle NVNT ac20 5785MHz Ant1



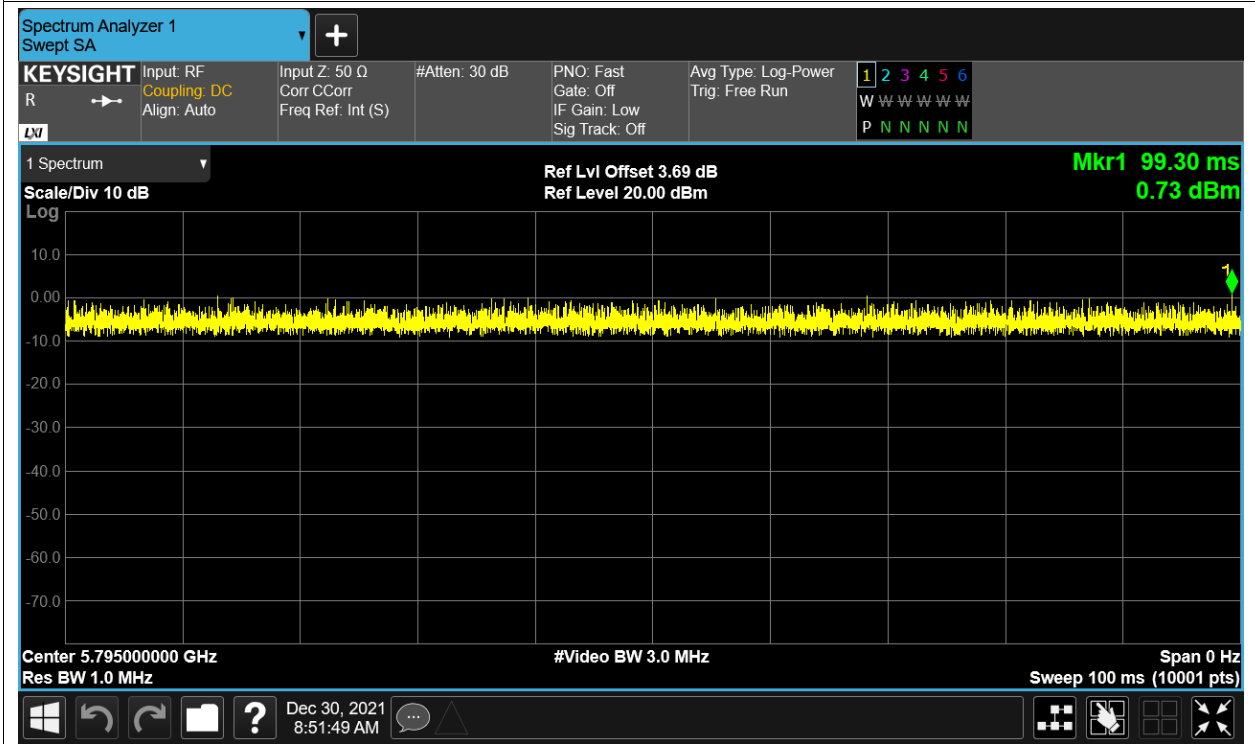
Duty Cycle NVNT ac20 5825MHz Ant1



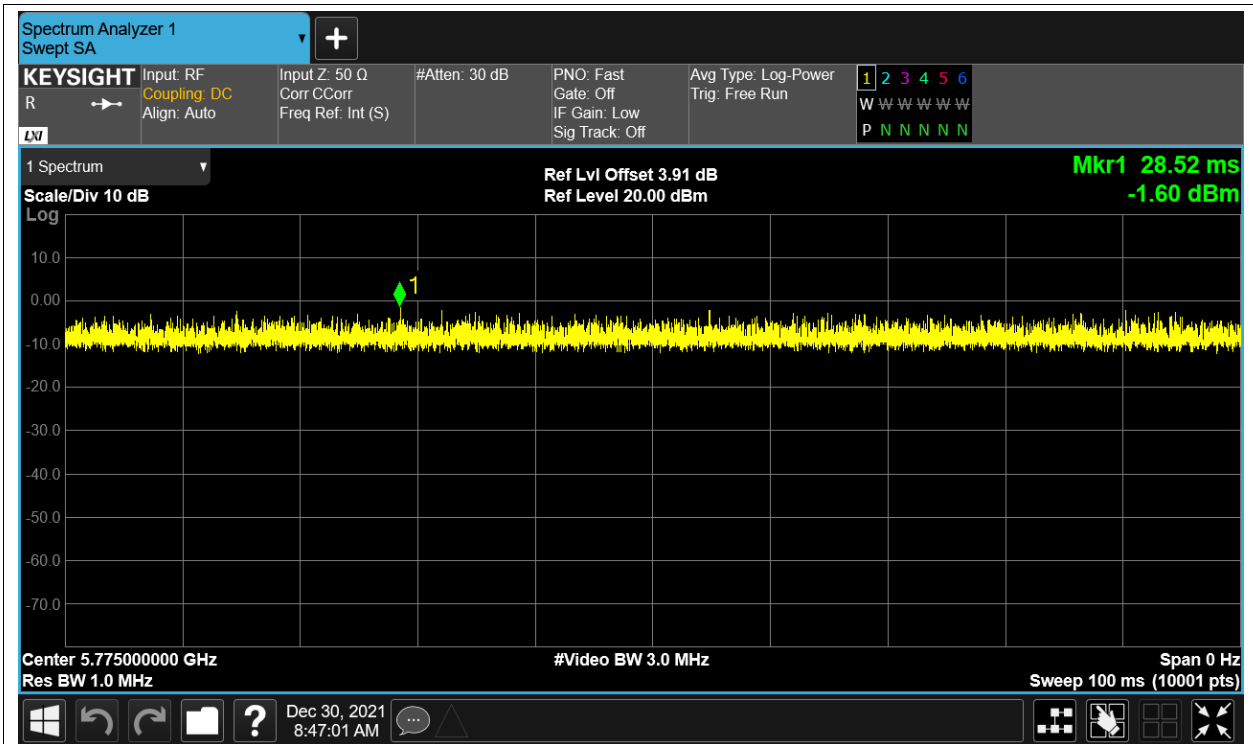
Duty Cycle NVNT ac40 5755MHz Ant1



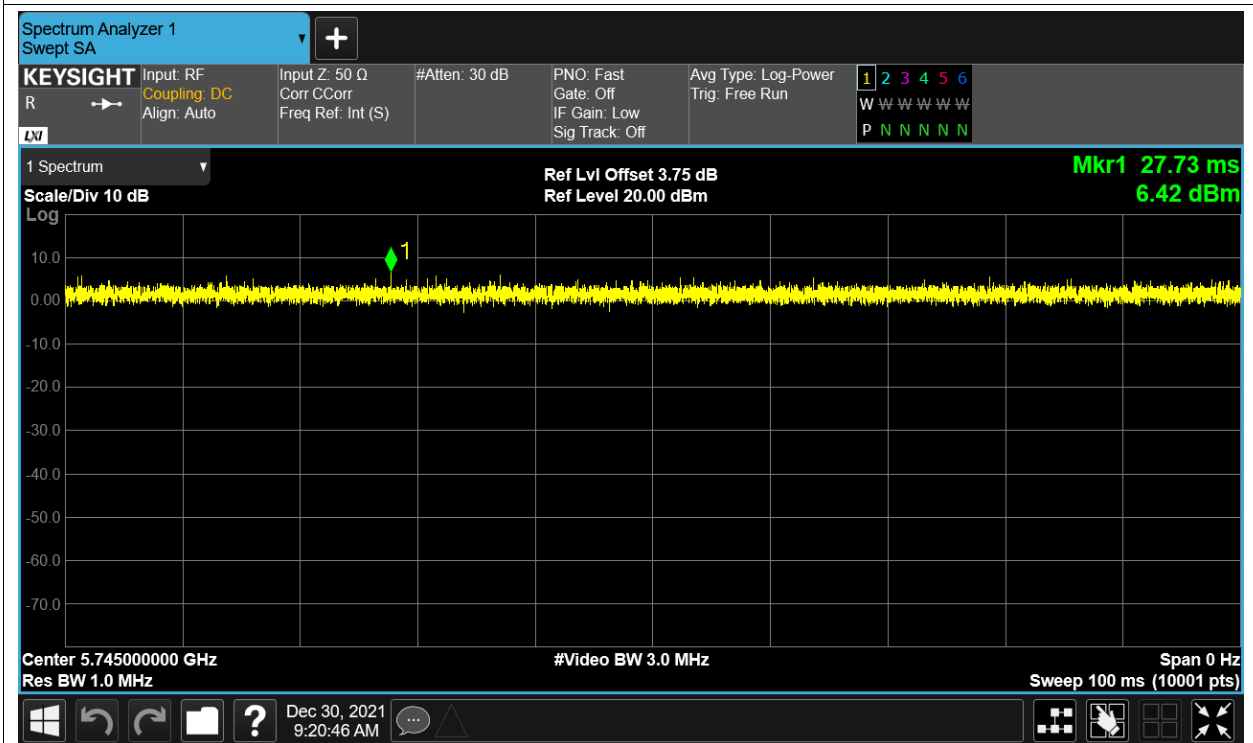
Duty Cycle NVNT ac40 5795MHz Ant1



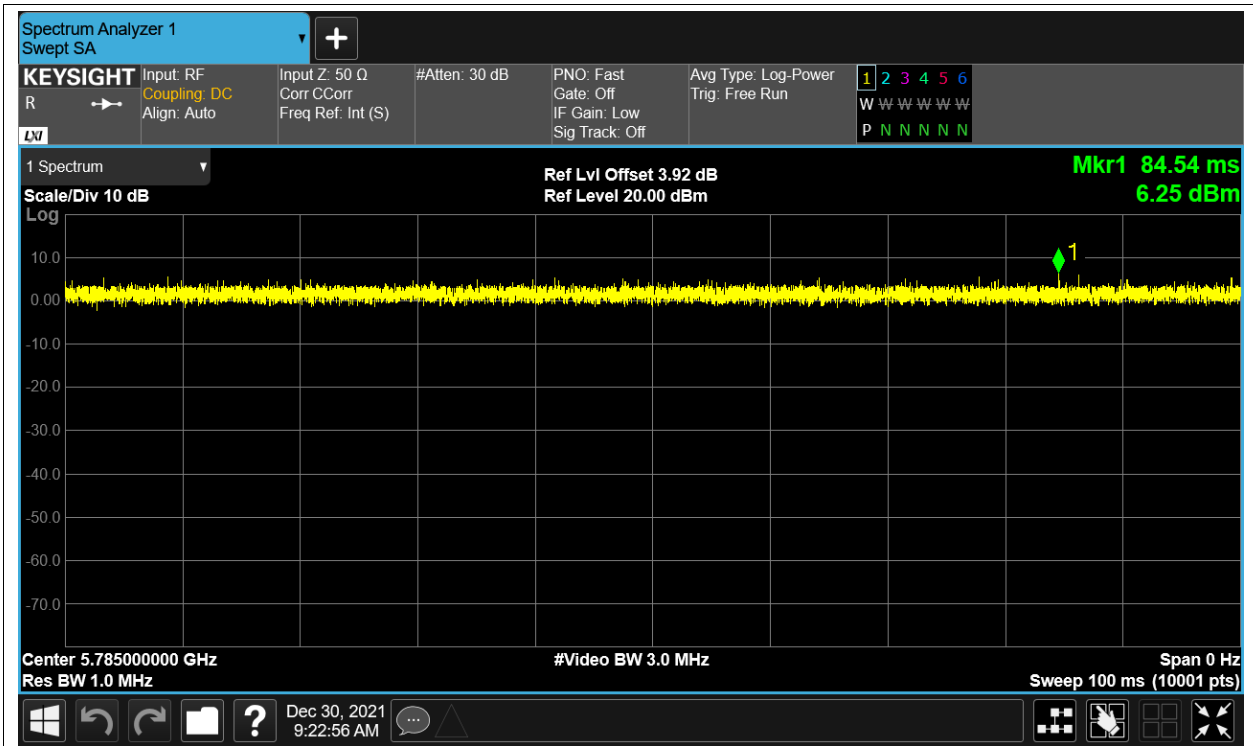
Duty Cycle NVNT ac80 5775MHz Ant1



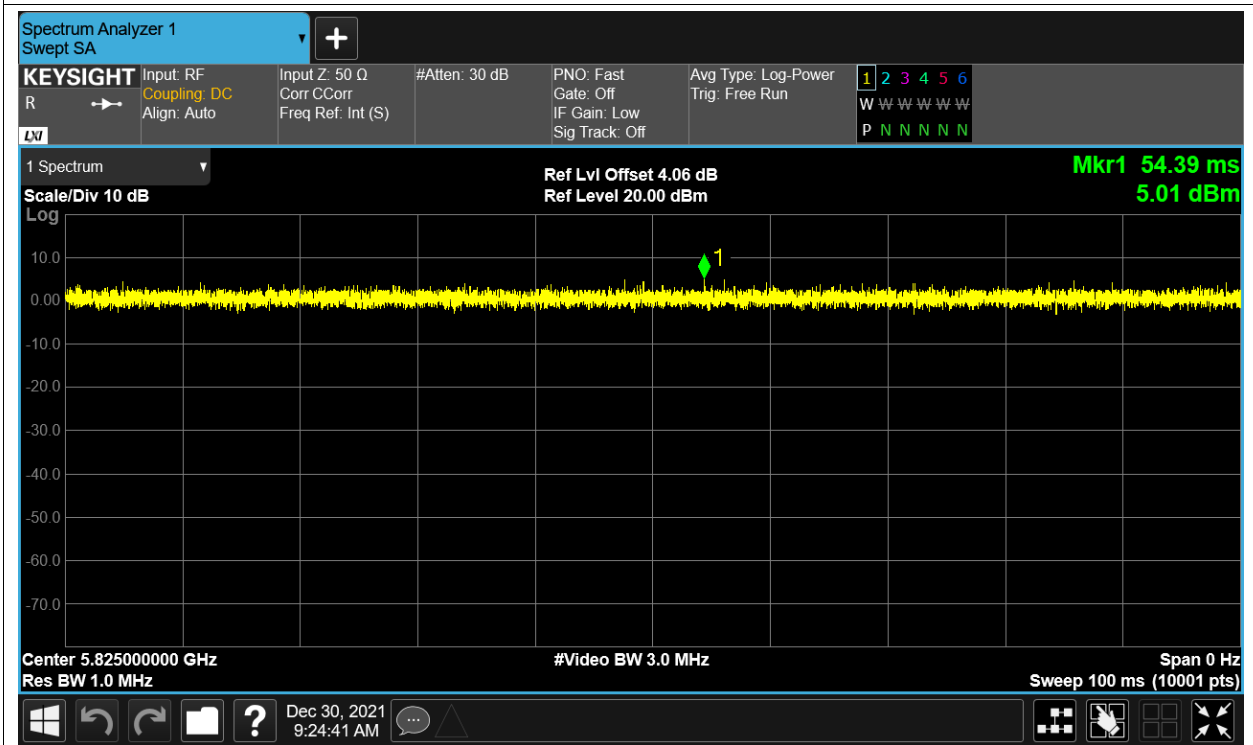
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

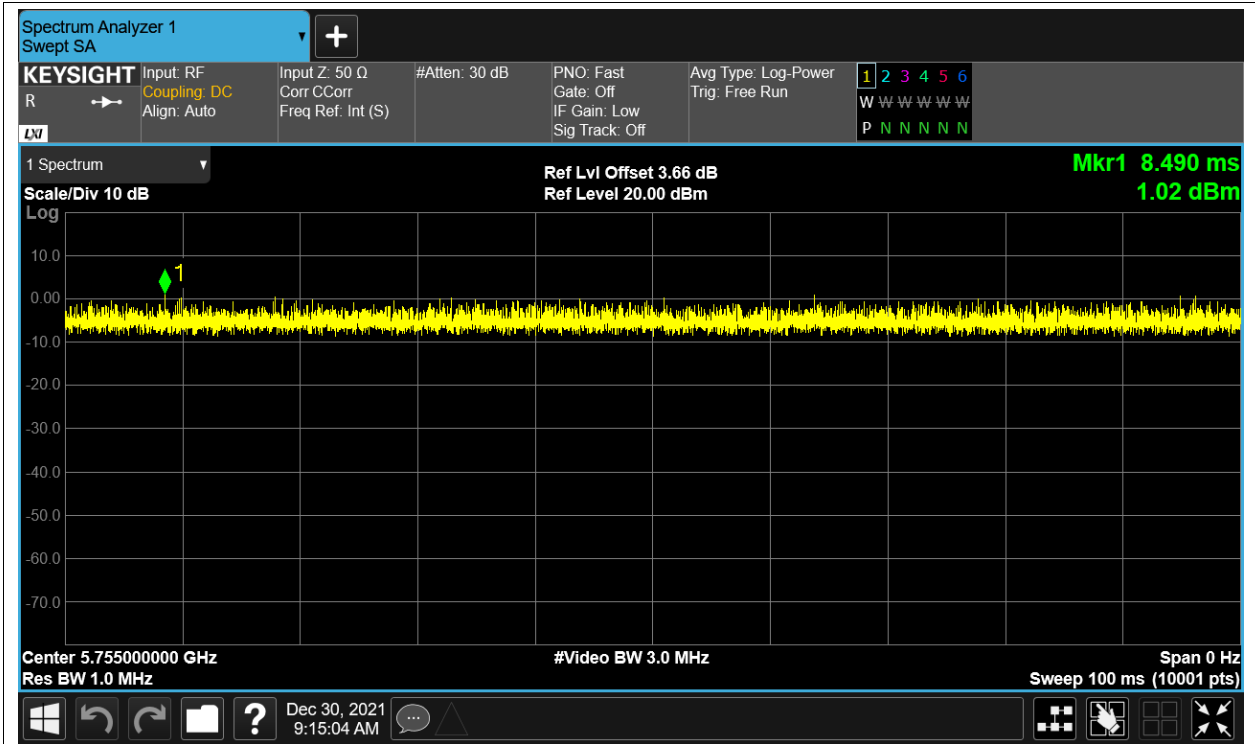


Duty Cycle NVNT n20 5825MHz Ant1

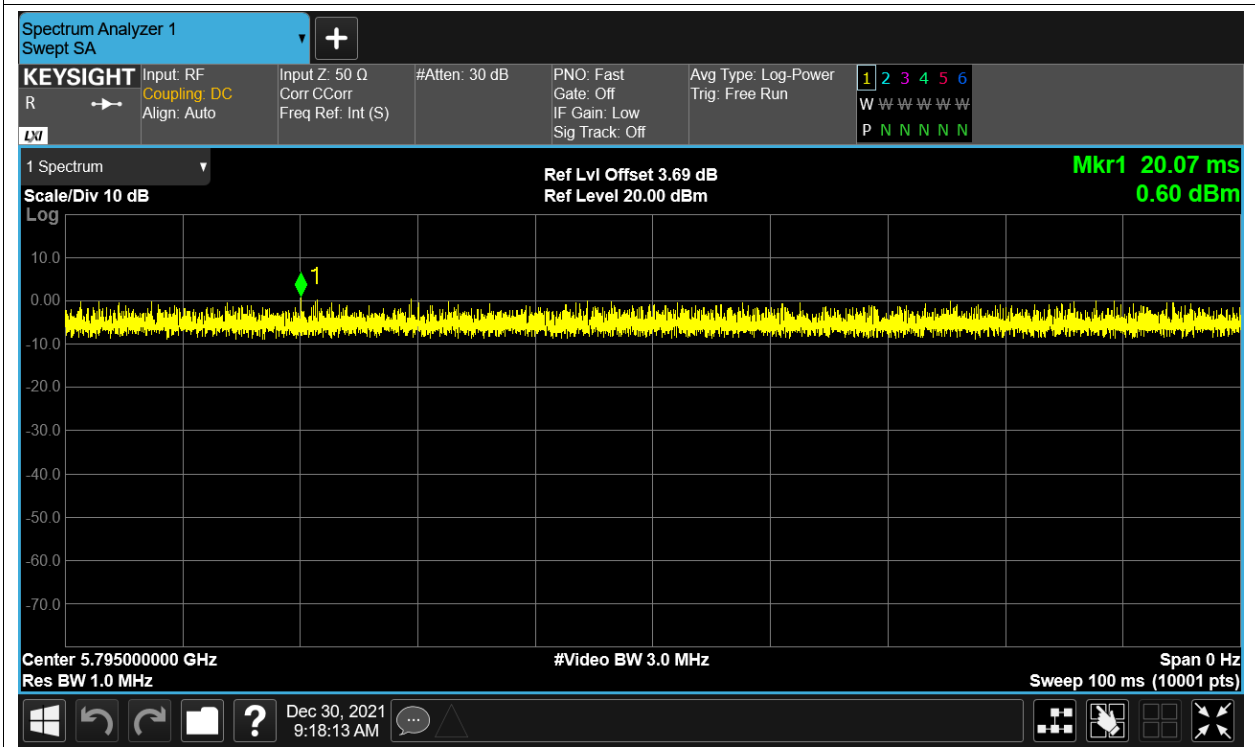


Duty Cycle NVNT n40 5755MHz Ant1





Duty Cycle NVNT n40 5795MHz Ant1



## Maximum Conducted Output Power

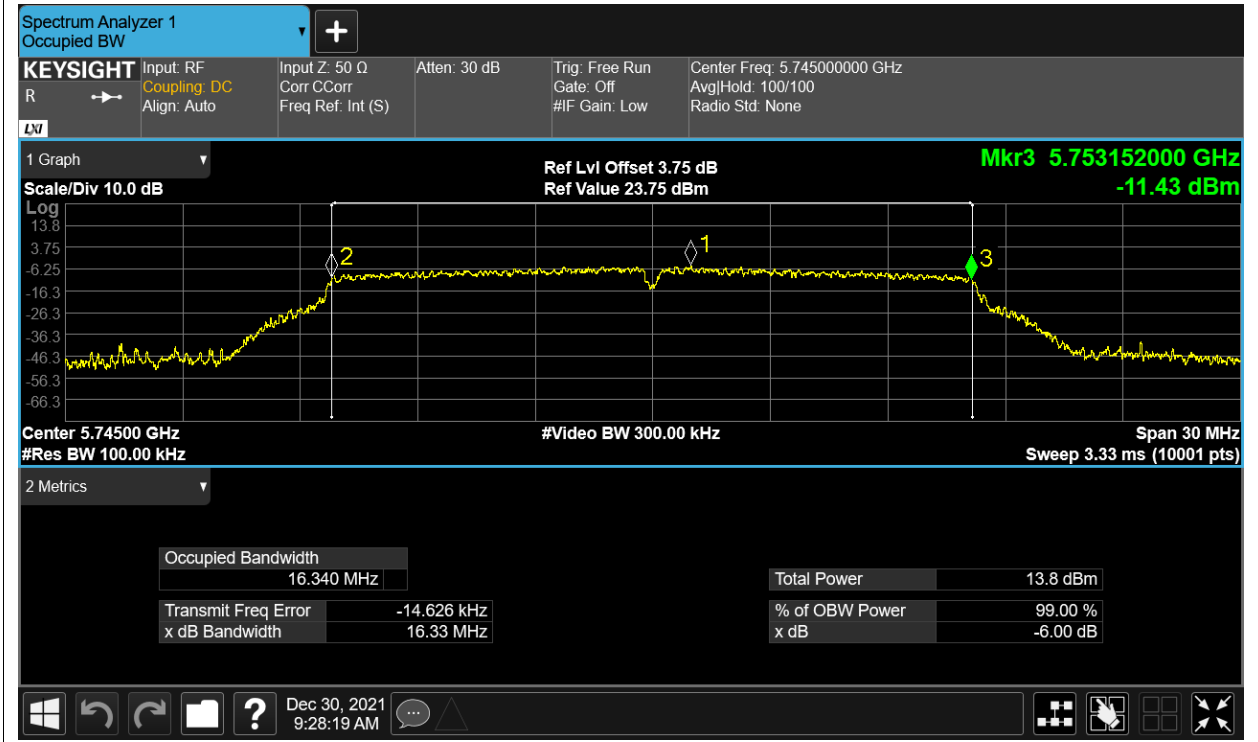
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.28	0	9.28	30	Pass
NVNT	a	5785	Ant1	8.37	0	8.37	30	Pass
NVNT	a	5825	Ant1	8.38	0	8.38	30	Pass
NVNT	ac20	5745	Ant1	9.29	0	9.29	30	Pass
NVNT	ac20	5785	Ant1	8.48	0	8.48	30	Pass
NVNT	ac20	5825	Ant1	8.21	0	8.21	30	Pass
NVNT	ac40	5755	Ant1	8.56	0	8.56	30	Pass
NVNT	ac40	5795	Ant1	8.64	0	8.64	30	Pass
NVNT	ac80	5775	Ant1	8.52	0	8.52	30	Pass
NVNT	n20	5745	Ant1	9.11	0	9.11	30	Pass
NVNT	n20	5785	Ant1	8.39	0	8.39	30	Pass
NVNT	n20	5825	Ant1	8.24	0	8.24	30	Pass
NVNT	n40	5755	Ant1	8.61	0	8.61	30	Pass
NVNT	n40	5795	Ant1	8.7	0	8.7	30	Pass

## -6dB Bandwidth

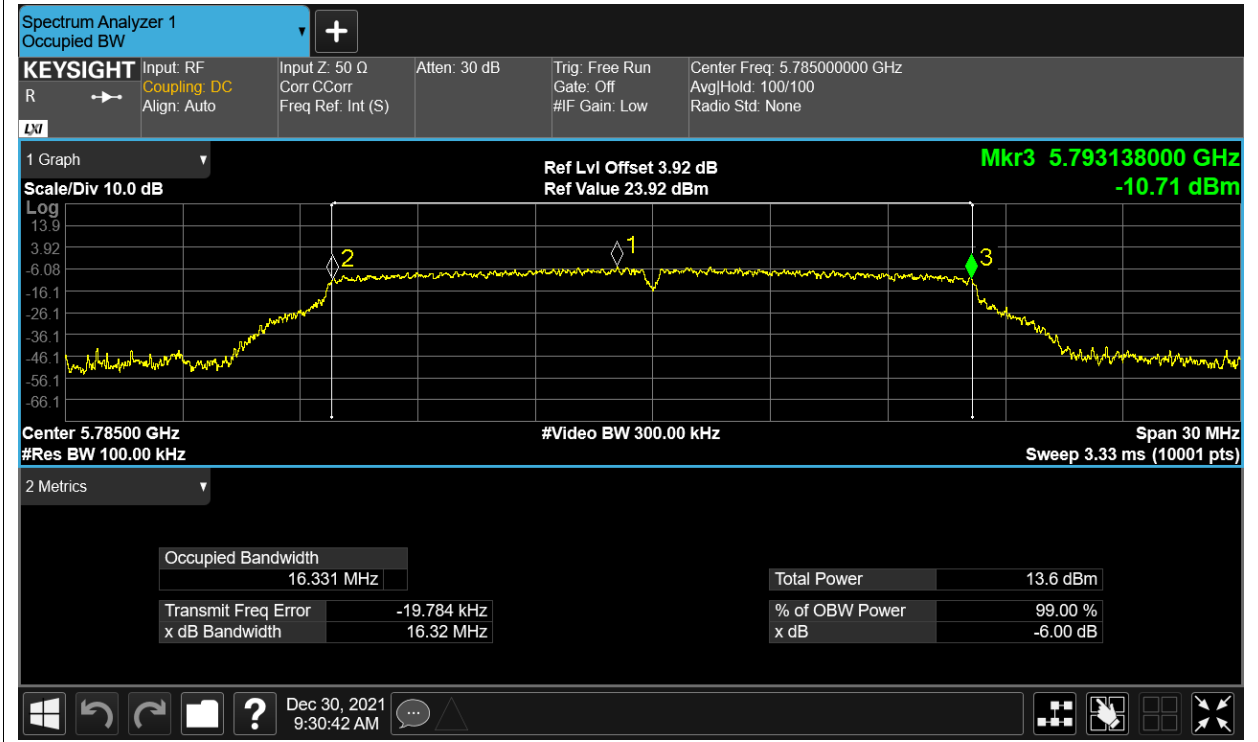
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.333	0.5	Pass
NVNT	a	5785	Ant1	16.316	0.5	Pass
NVNT	a	5825	Ant1	16.359	0.5	Pass
NVNT	ac20	5745	Ant1	17.592	0.5	Pass
NVNT	ac20	5785	Ant1	17.555	0.5	Pass
NVNT	ac20	5825	Ant1	17.581	0.5	Pass
NVNT	ac40	5755	Ant1	35.935	0.5	Pass
NVNT	ac40	5795	Ant1	36.088	0.5	Pass
NVNT	ac80	5775	Ant1	76.079	0.5	Pass
NVNT	n20	5745	Ant1	17.537	0.5	Pass
NVNT	n20	5785	Ant1	17.571	0.5	Pass
NVNT	n20	5825	Ant1	17.597	0.5	Pass
NVNT	n40	5755	Ant1	35.899	0.5	Pass
NVNT	n40	5795	Ant1	36.313	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



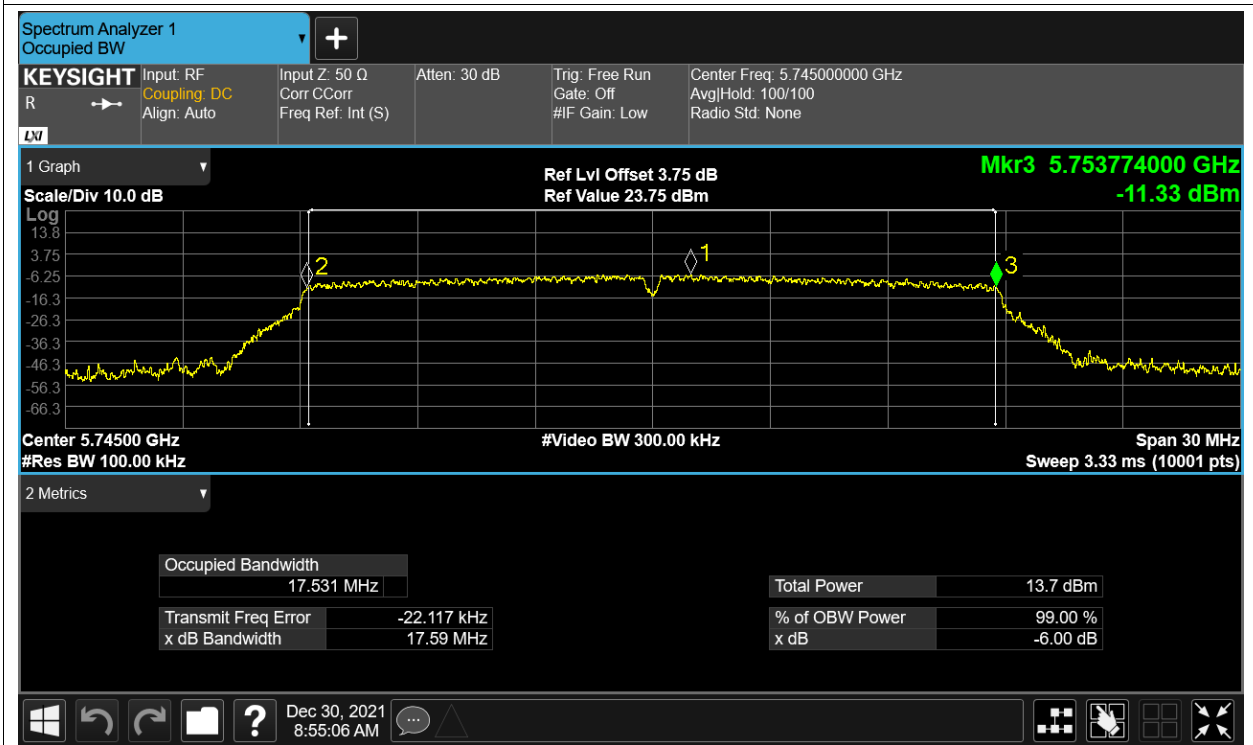
-6dB Bandwidth NVNT a 5785MHz Ant1



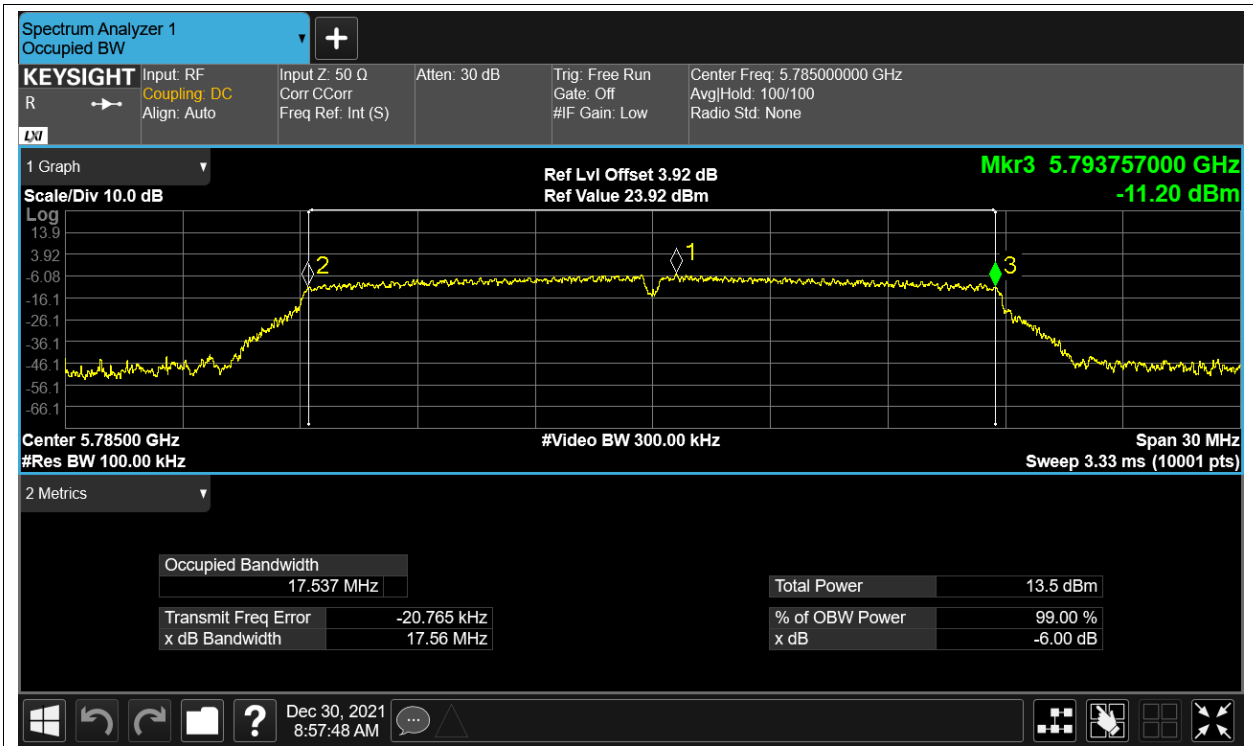
-6dB Bandwidth NVNT a 5825MHz Ant1



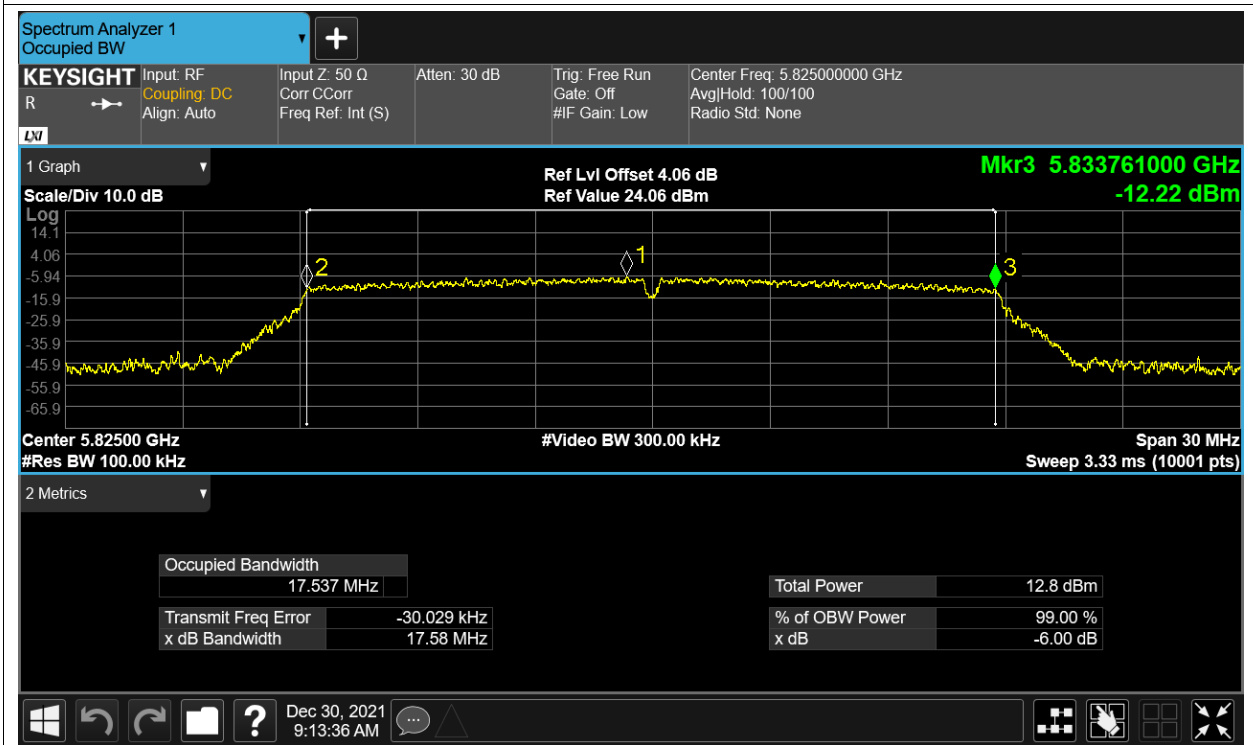
-6dB Bandwidth NVNT ac20 5745MHz Ant1



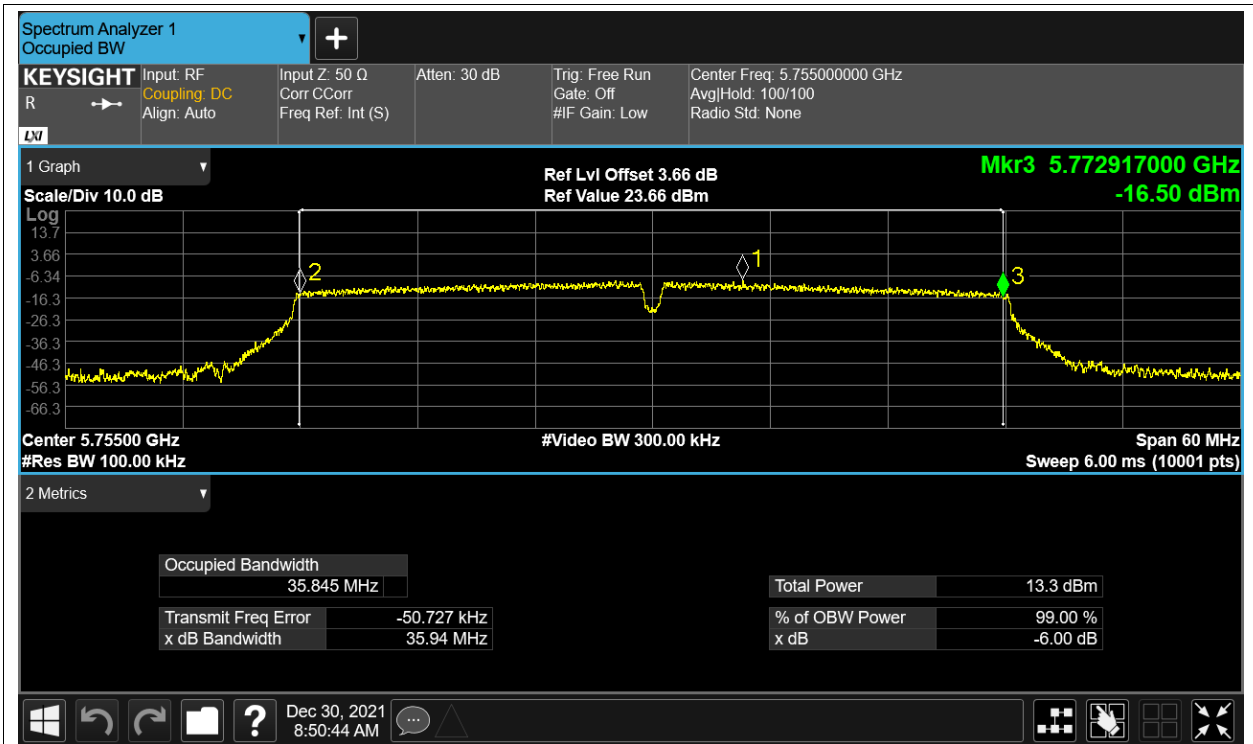
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



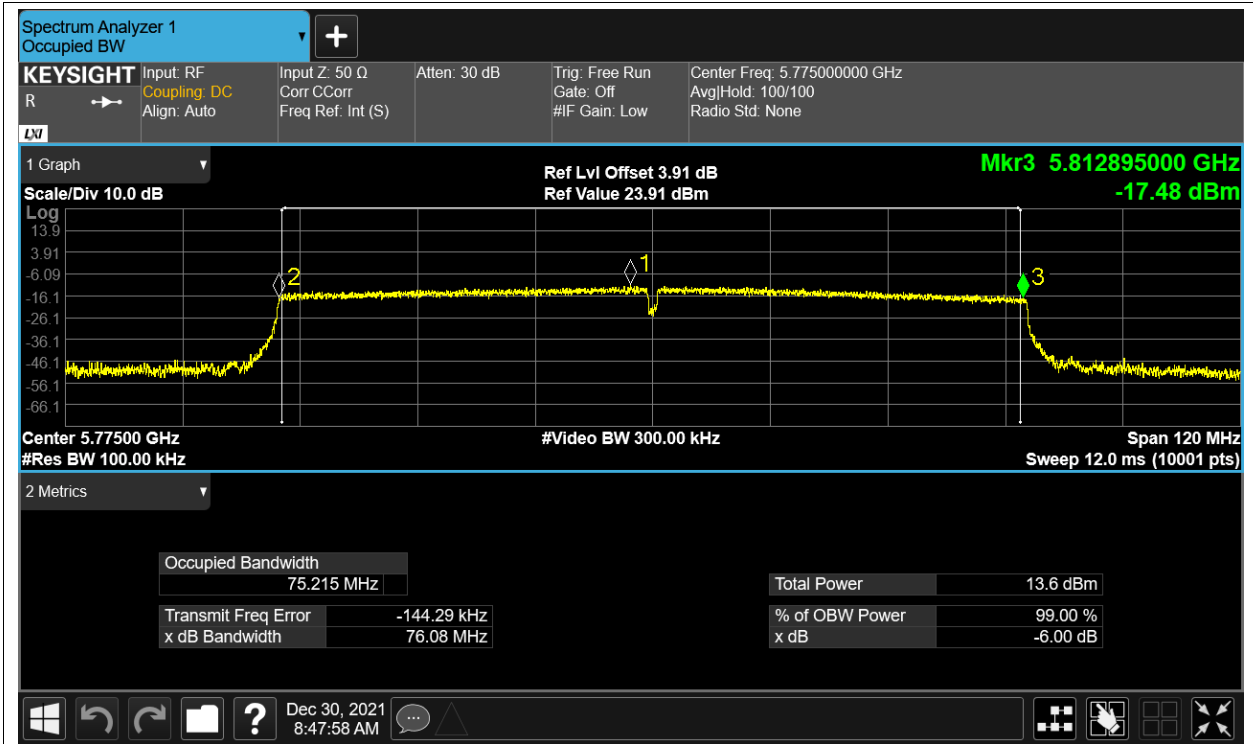
-6dB Bandwidth NVNT ac40 5755MHz Ant1



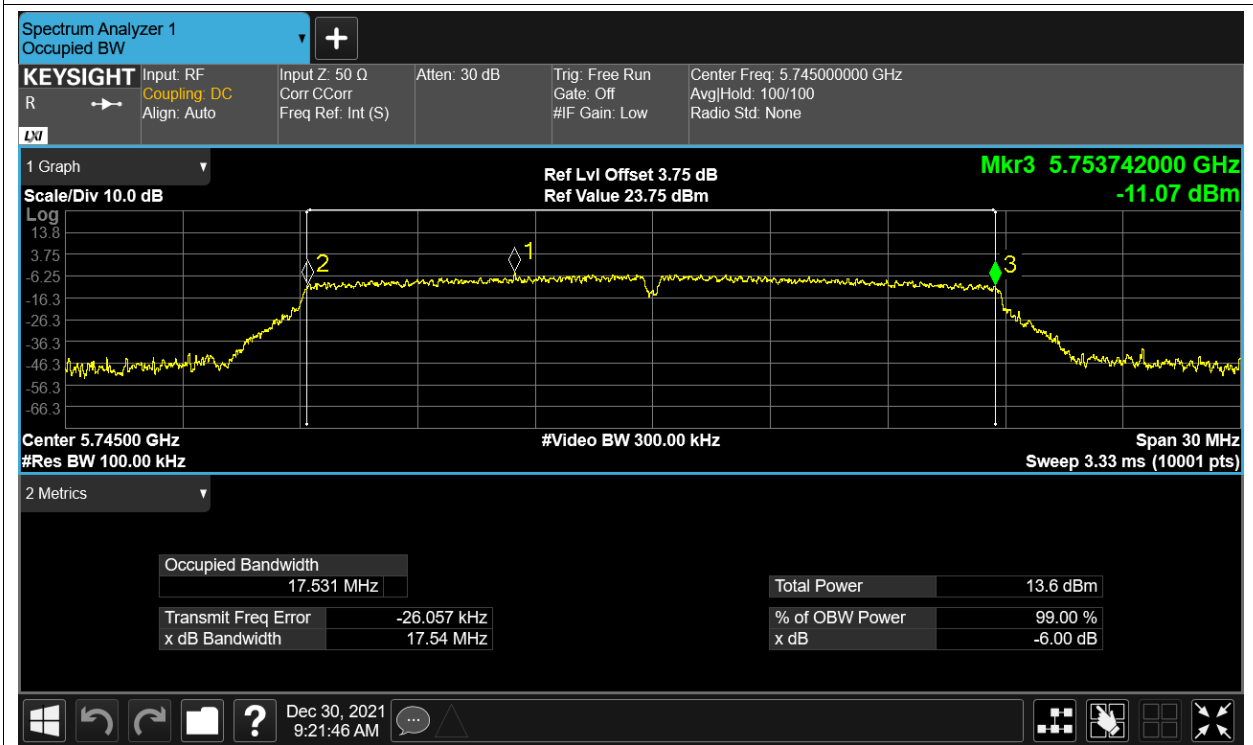
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

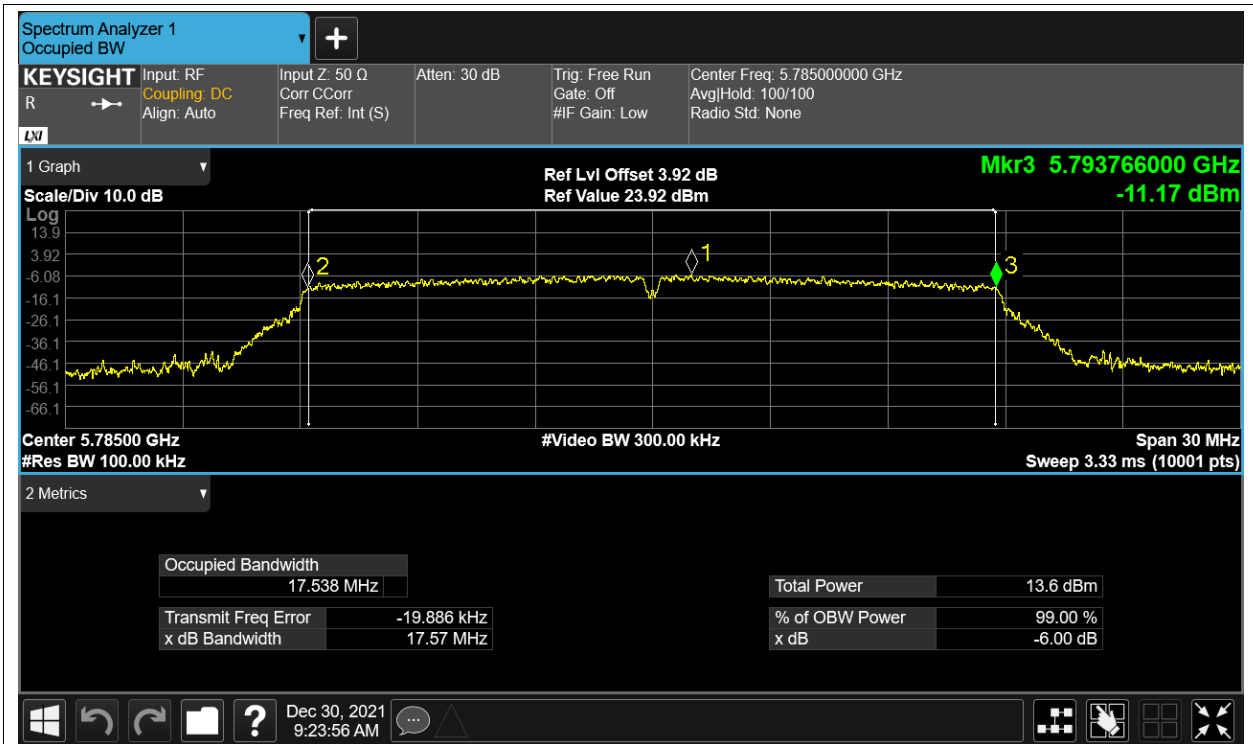


-6dB Bandwidth NVNT n20 5745MHz Ant1

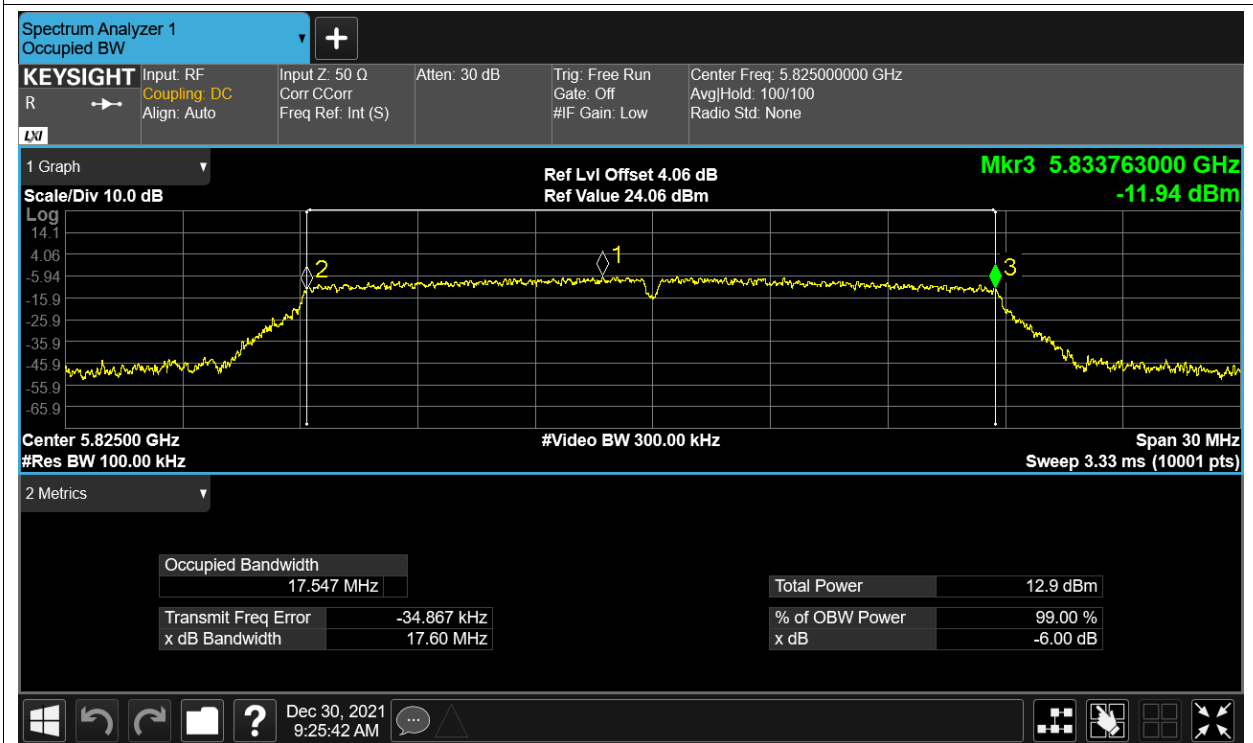


-6dB Bandwidth NVNT n20 5785MHz Ant1





-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1

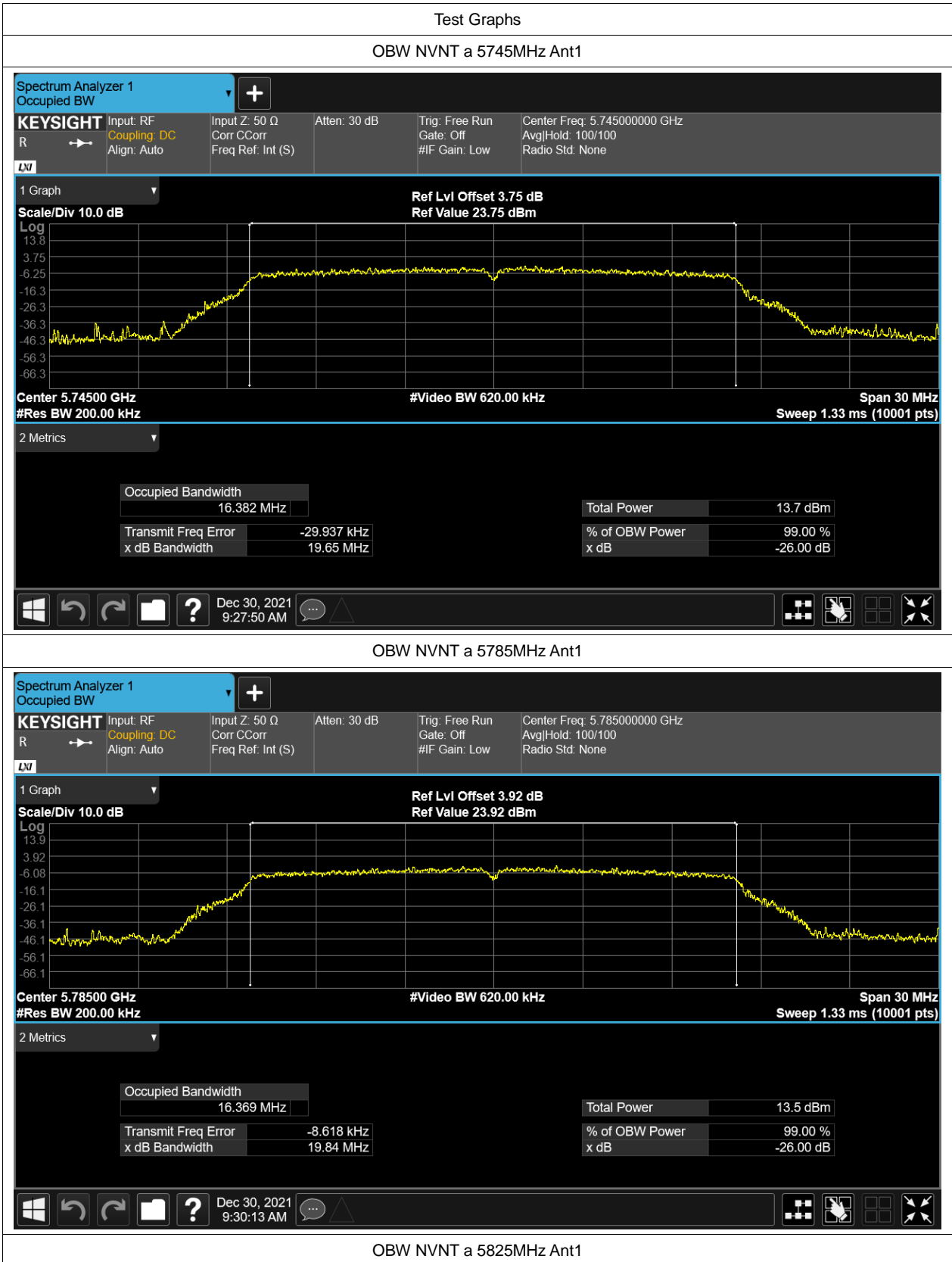


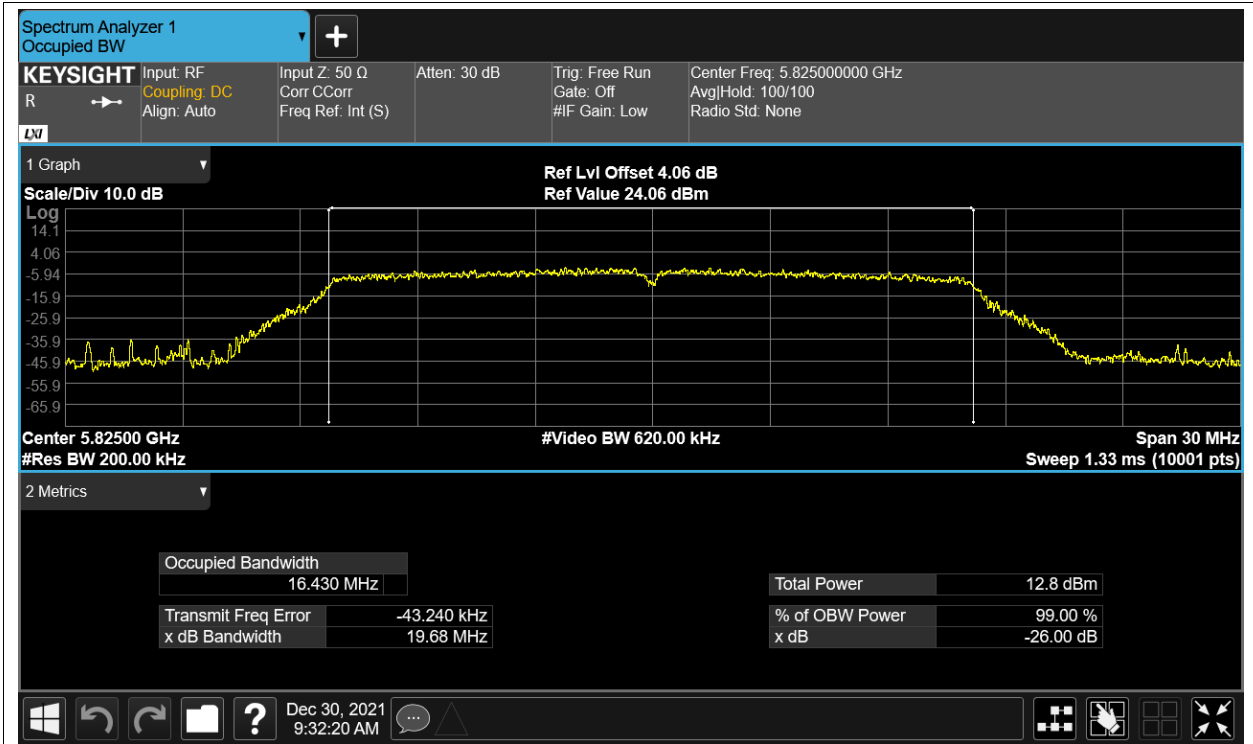
-6dB Bandwidth NVNT n40 5795MHz Ant1



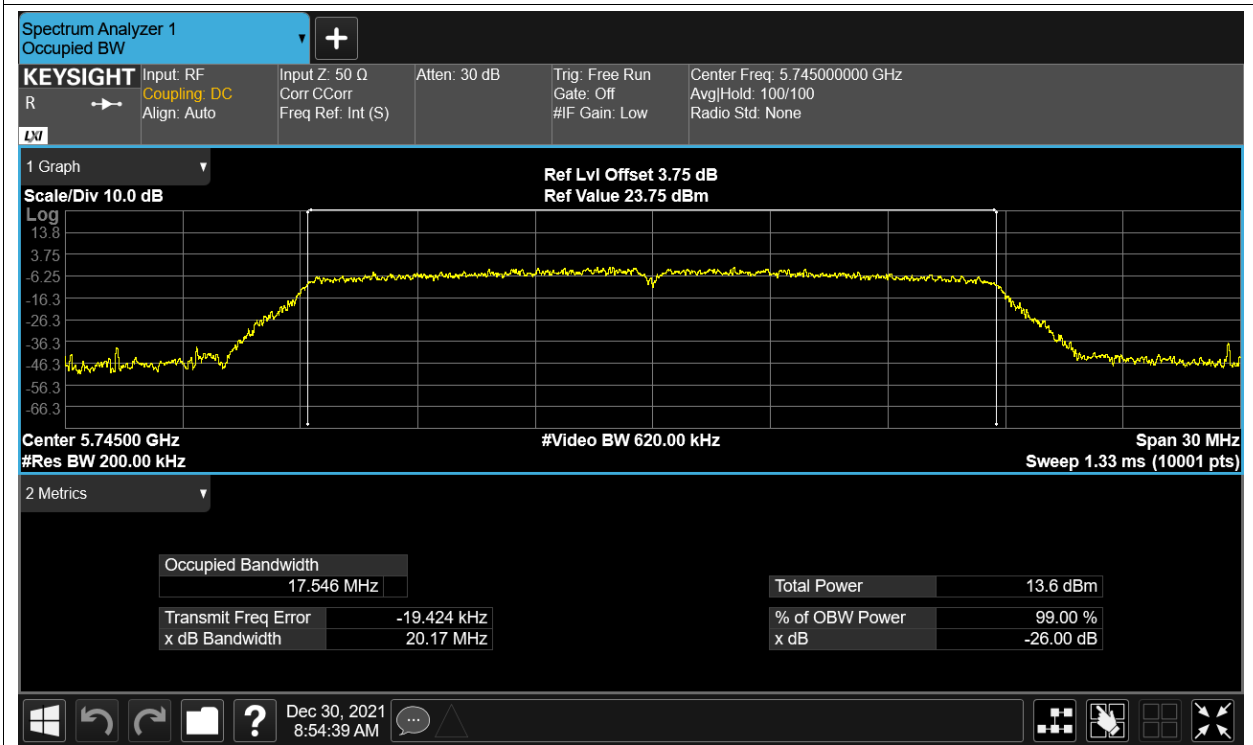
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.38240676
NVNT	a	5785	Ant1	16.36904843
NVNT	a	5825	Ant1	16.43008975
NVNT	ac20	5745	Ant1	17.54626641
NVNT	ac20	5785	Ant1	17.53892573
NVNT	ac20	5825	Ant1	17.55903524
NVNT	ac40	5755	Ant1	35.9697526
NVNT	ac40	5795	Ant1	35.96470142
NVNT	ac80	5775	Ant1	75.18506757
NVNT	n20	5745	Ant1	17.55008669
NVNT	n20	5785	Ant1	17.53389666
NVNT	n20	5825	Ant1	17.57278345
NVNT	n40	5755	Ant1	35.95639335
NVNT	n40	5795	Ant1	35.9557343

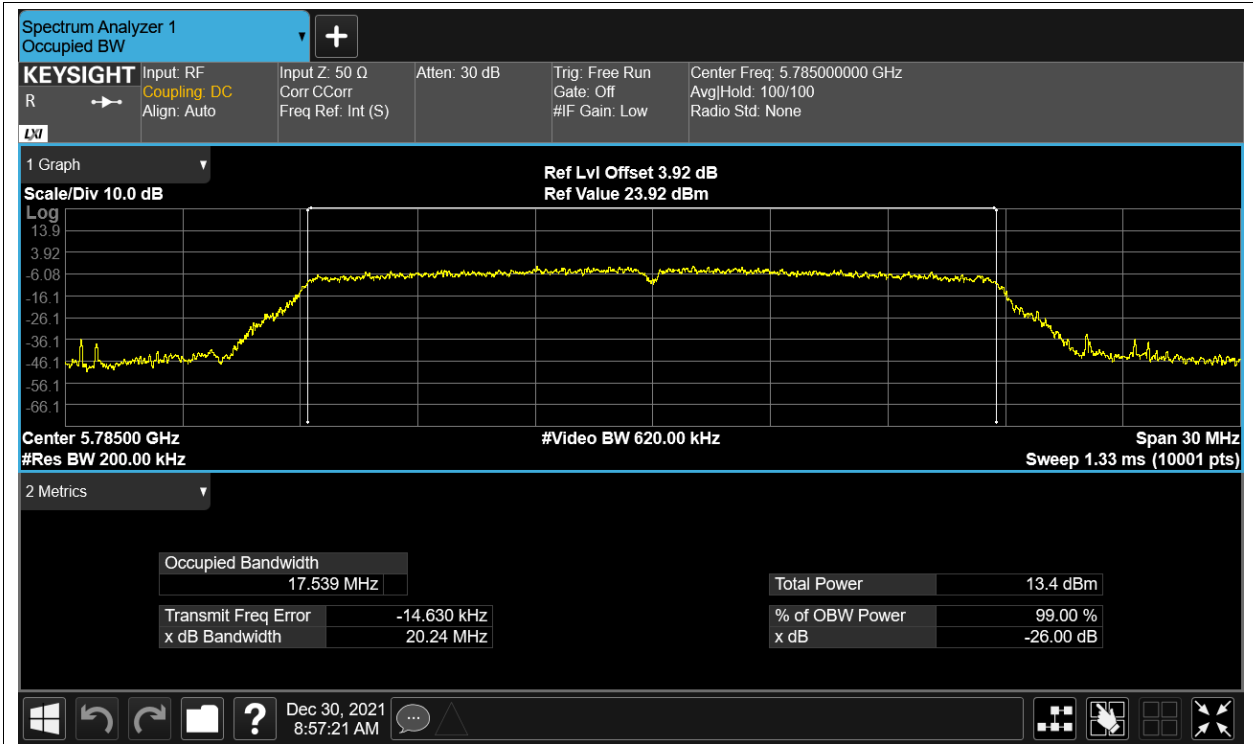




OBW NVNT ac20 5745MHz Ant1



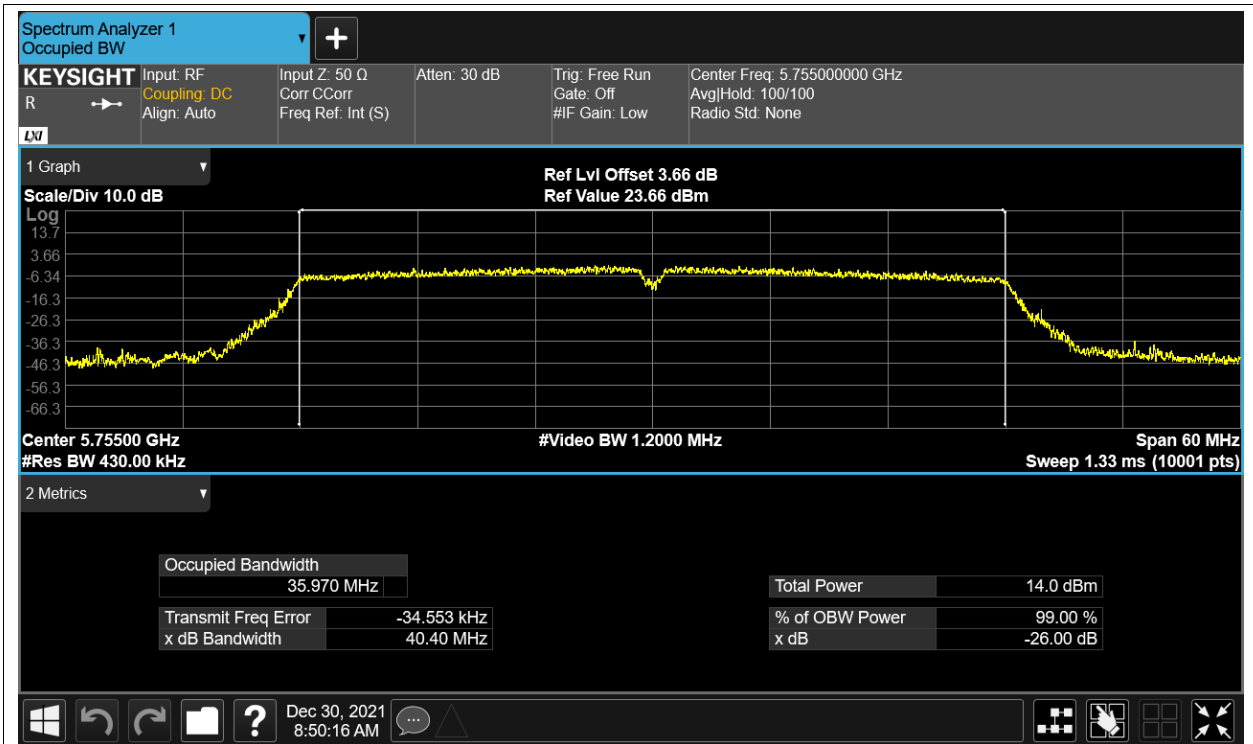
OBW NVNT ac20 5785MHz Ant1



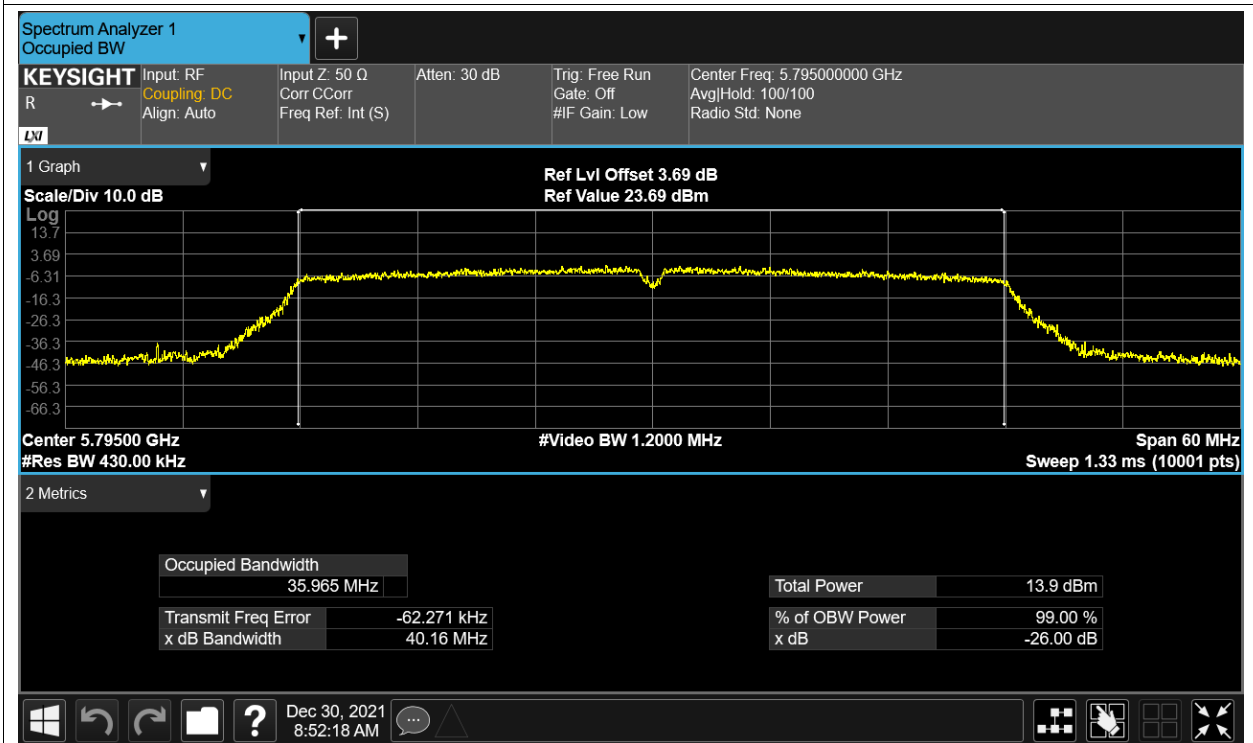
OBW NVNT ac20 5825MHz Ant1



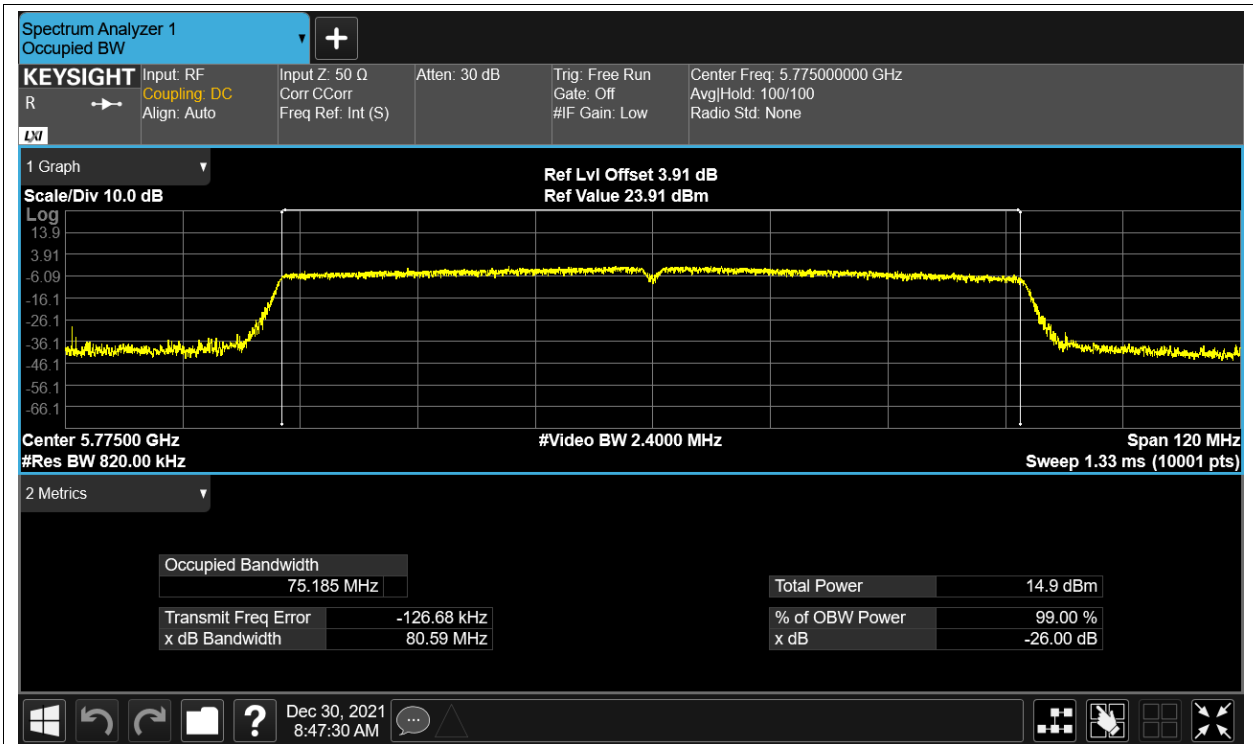
OBW NVNT ac40 5755MHz Ant1



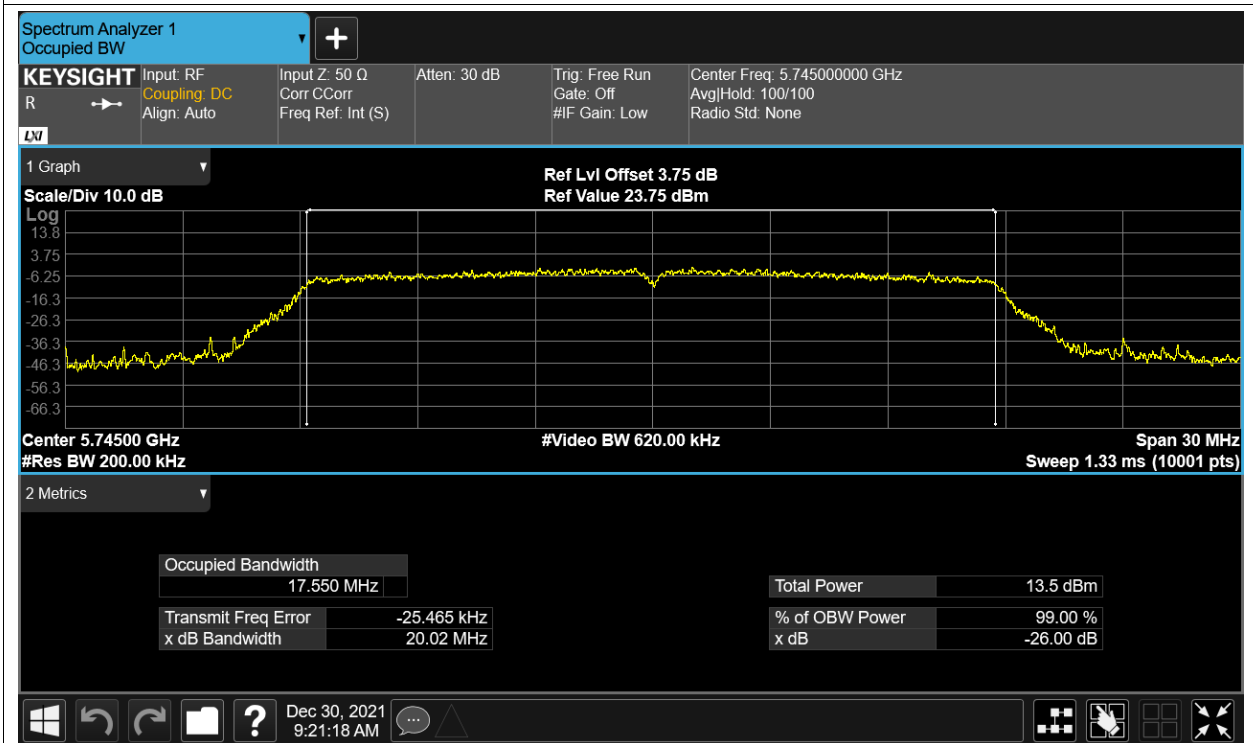
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1



OBW NVNT n20 5745MHz Ant1

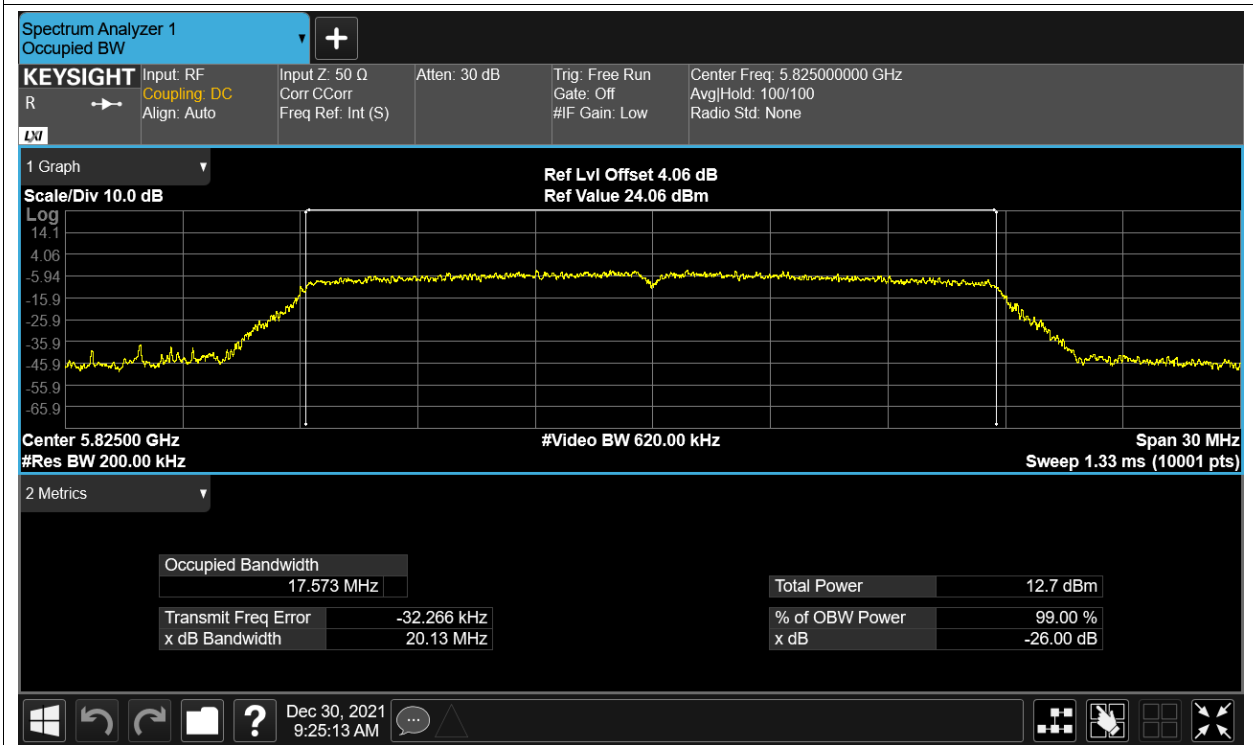


OBW NVNT n20 5785MHz Ant1





OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

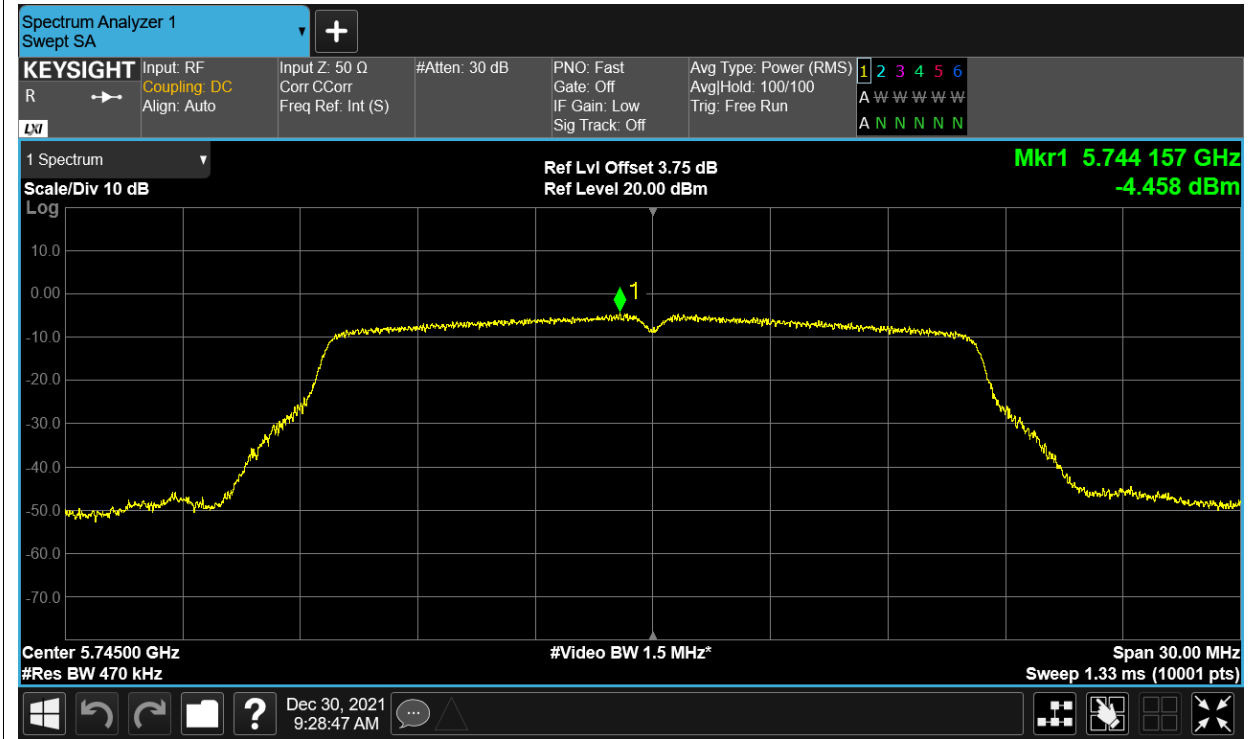


## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.458	30	Pass
NVNT	a	5785	Ant1	-4.876	30	Pass
NVNT	a	5825	Ant1	-5.528	30	Pass
NVNT	ac20	5745	Ant1	-4.95	30	Pass
NVNT	ac20	5785	Ant1	-4.973	30	Pass
NVNT	ac20	5825	Ant1	-6.032	30	Pass
NVNT	ac40	5755	Ant1	-7.654	30	Pass
NVNT	ac40	5795	Ant1	-7.542	30	Pass
NVNT	ac80	5775	Ant1	-10.875	30	Pass
NVNT	n20	5745	Ant1	-5.032	30	Pass
NVNT	n20	5785	Ant1	-5.211	30	Pass
NVNT	n20	5825	Ant1	-6.068	30	Pass
NVNT	n40	5755	Ant1	-7.282	30	Pass
NVNT	n40	5795	Ant1	-7.589	30	Pass

Test Graphs

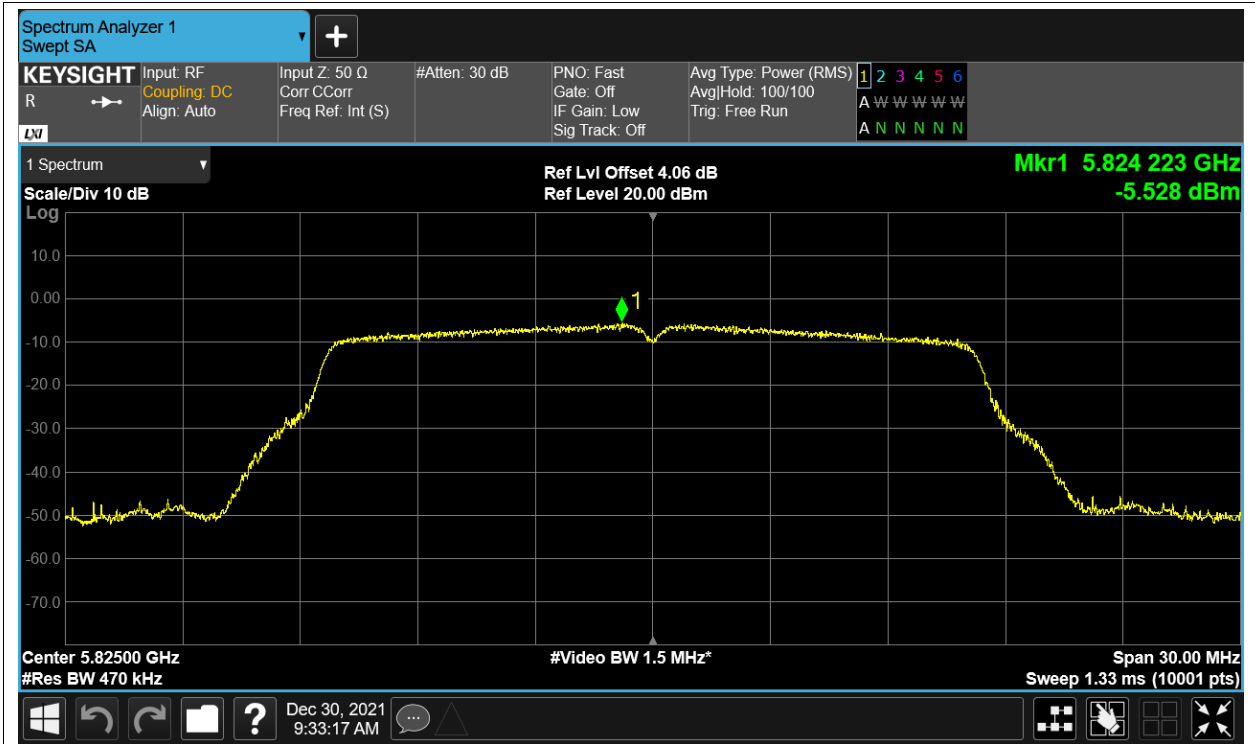
PSD NVNT a 5745MHz Ant1



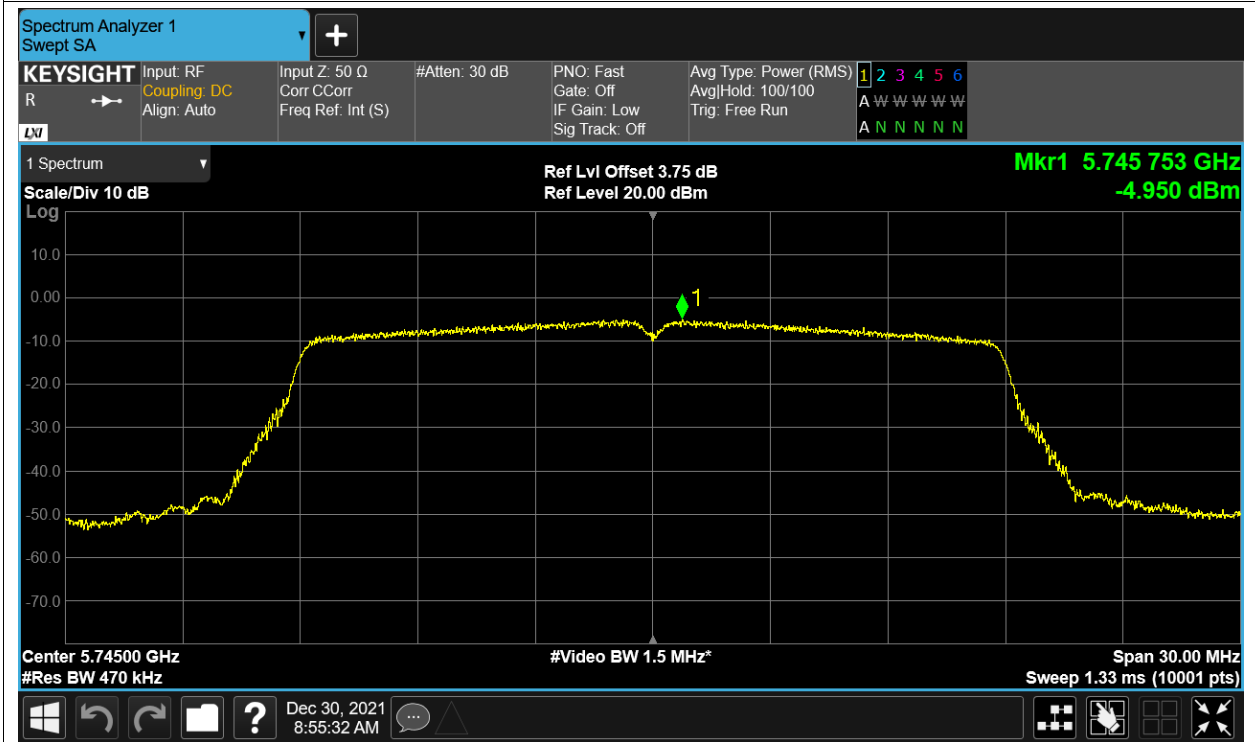
PSD NVNT a 5785MHz Ant1



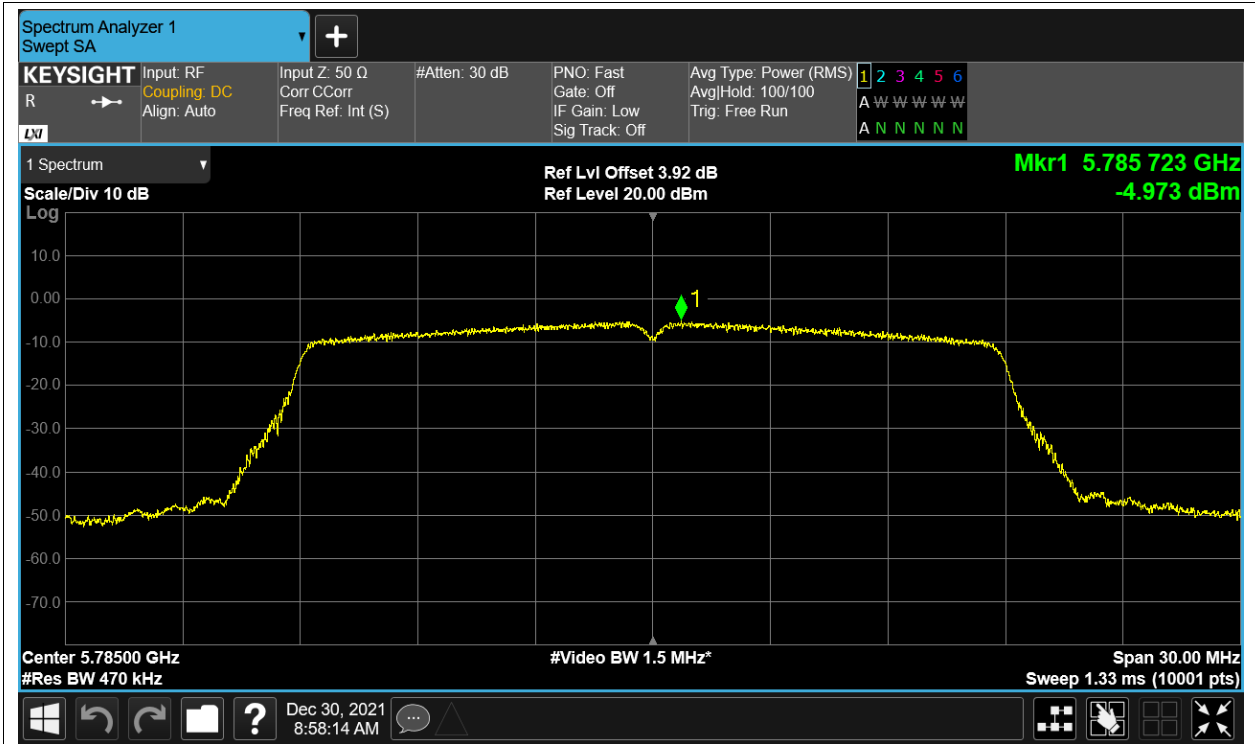
PSD NVNT a 5825MHz Ant1



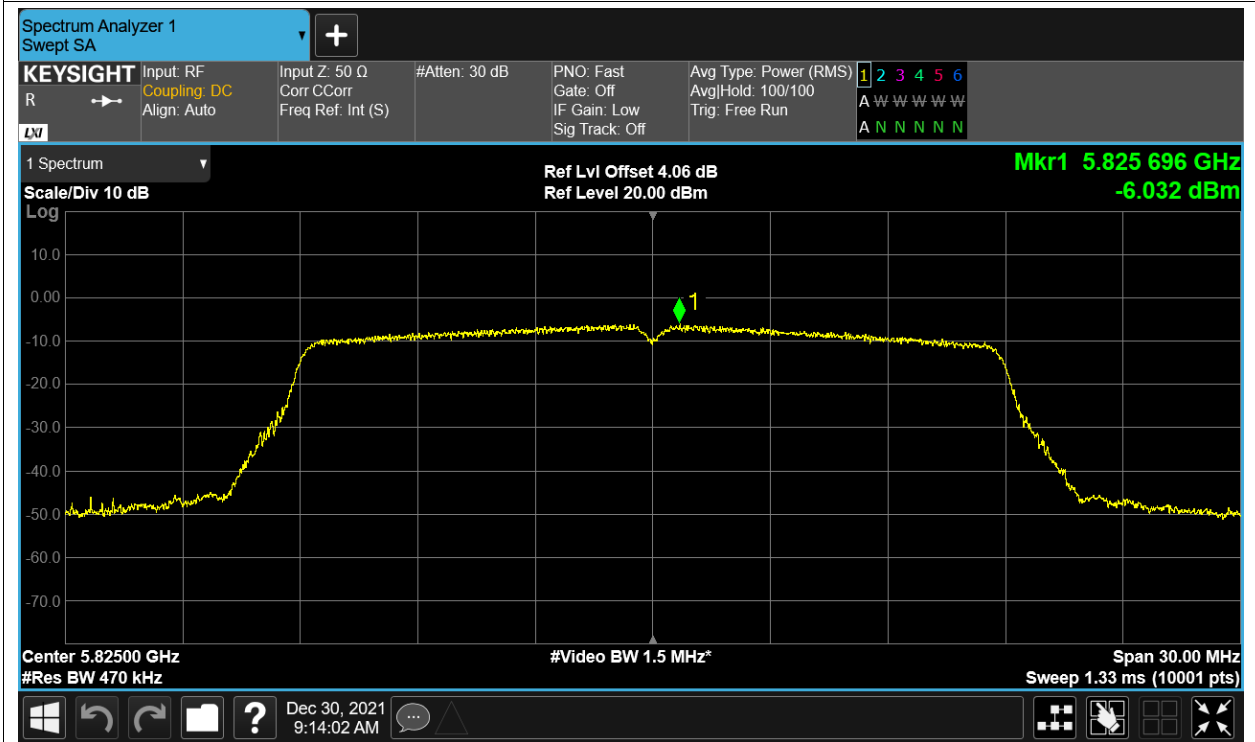
PSD NVNT ac20 5745MHz Ant1



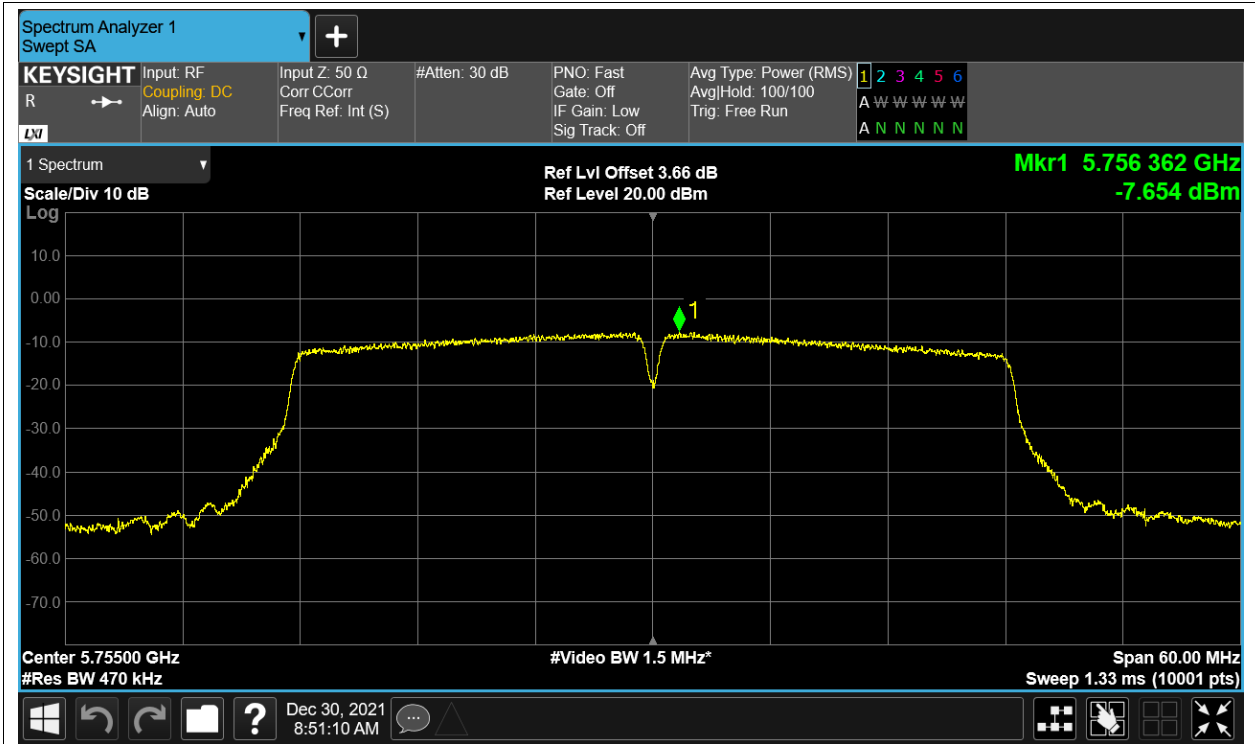
PSD NVNT ac20 5785MHz Ant1



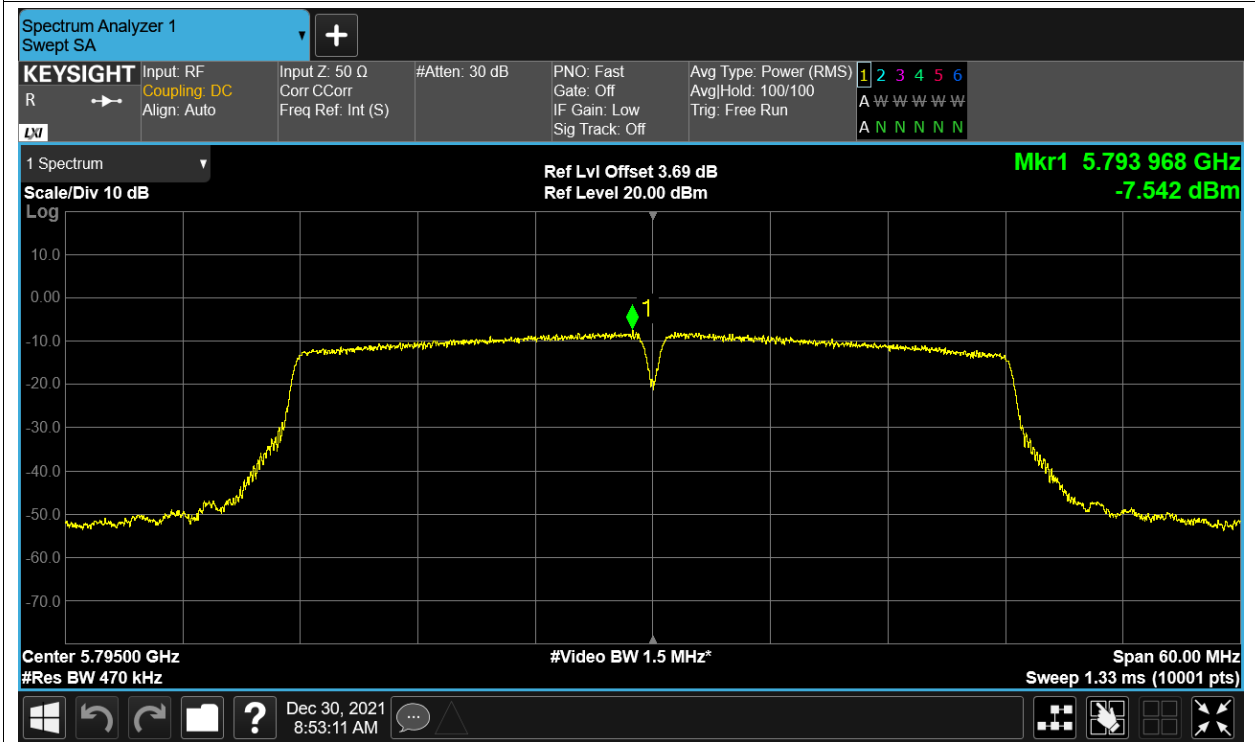
PSD NVNT ac20 5825MHz Ant1



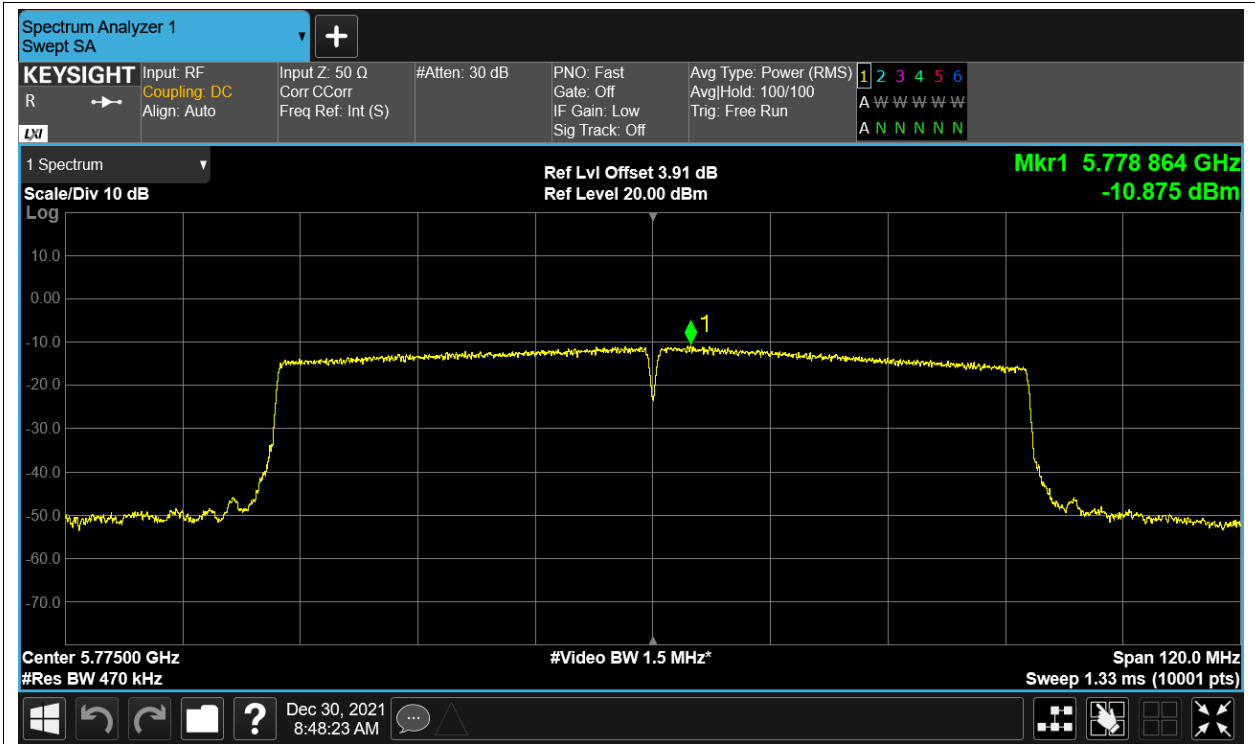
PSD NVNT ac40 5755MHz Ant1



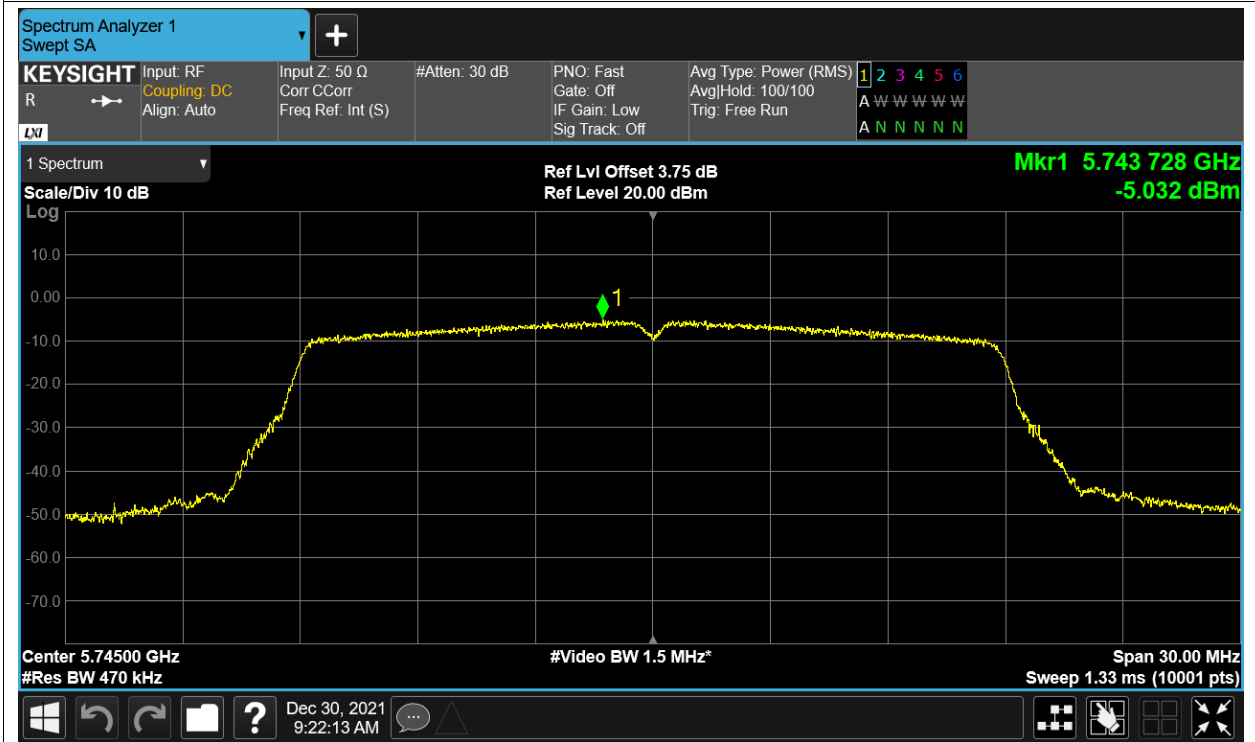
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

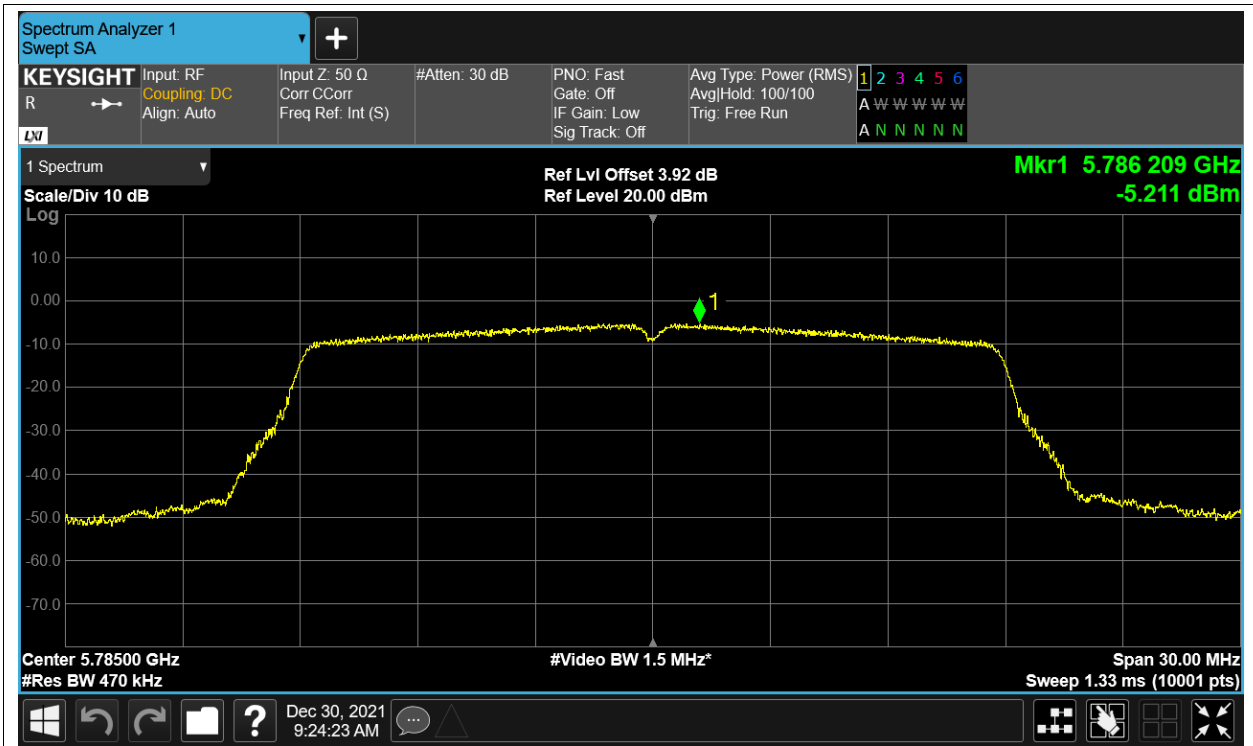


PSD NVNT n20 5745MHz Ant1

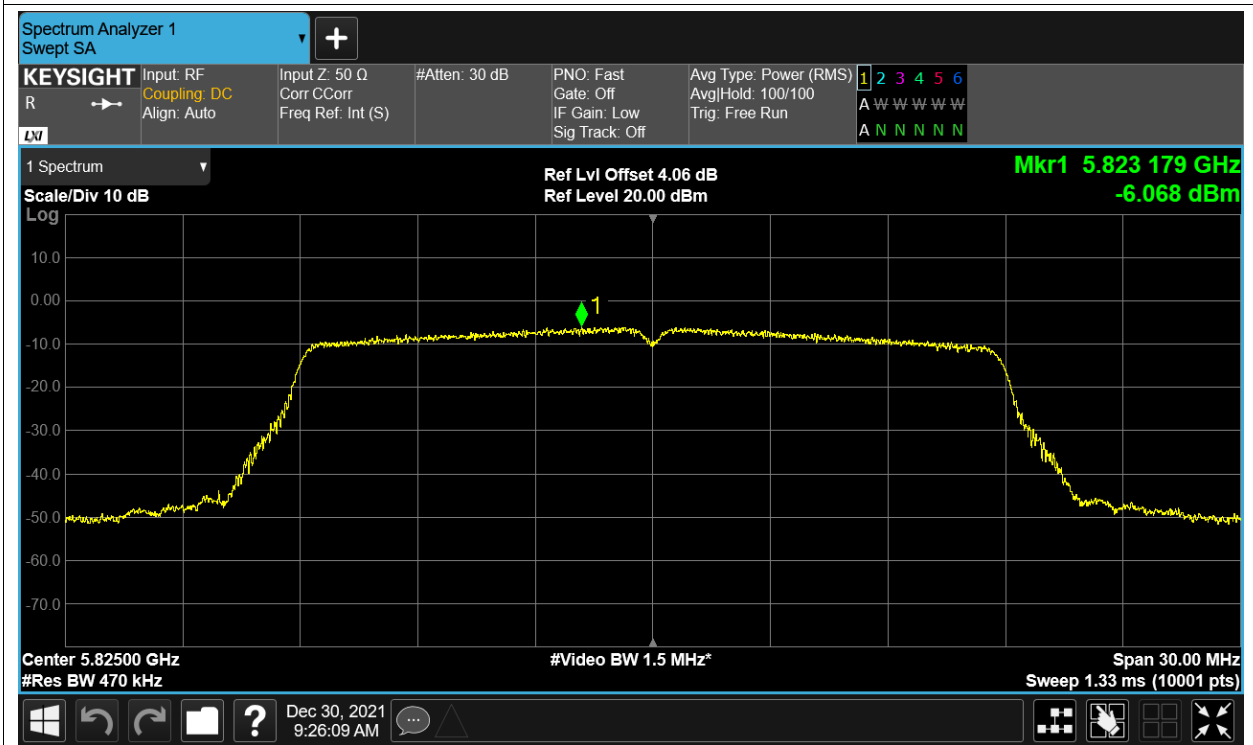


PSD NVNT n20 5785MHz Ant1

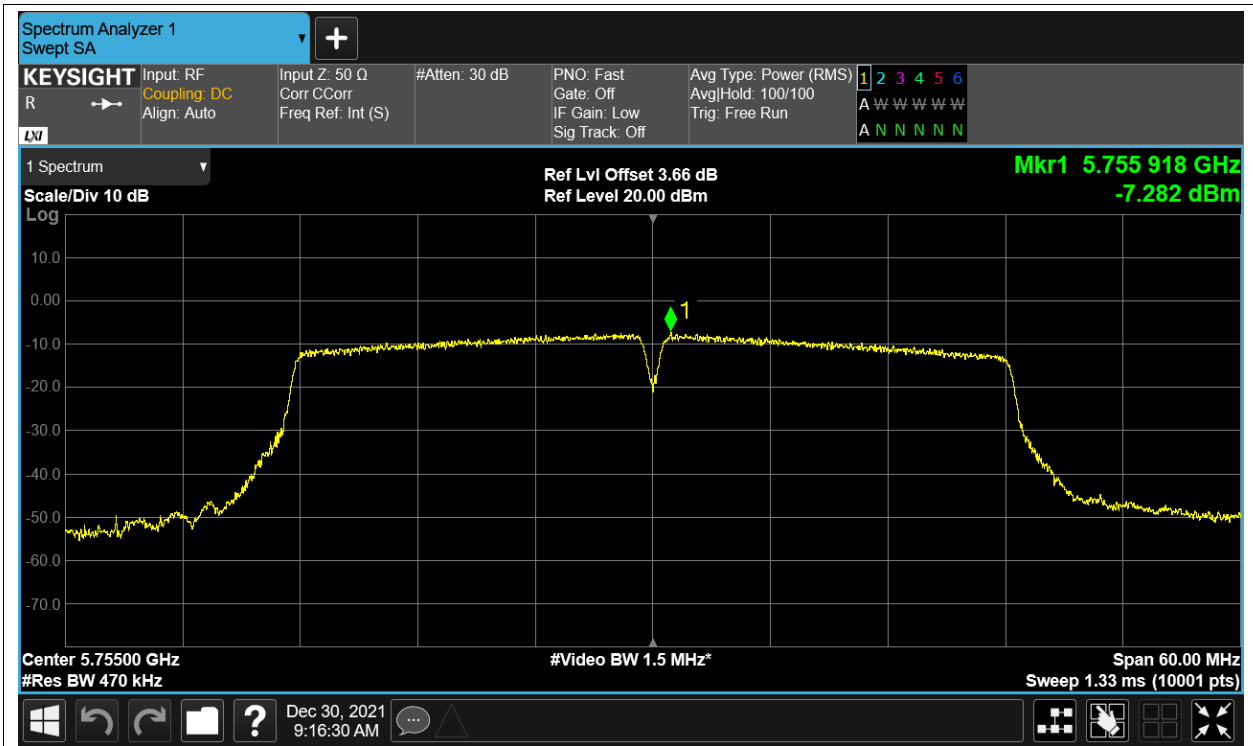




PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

