

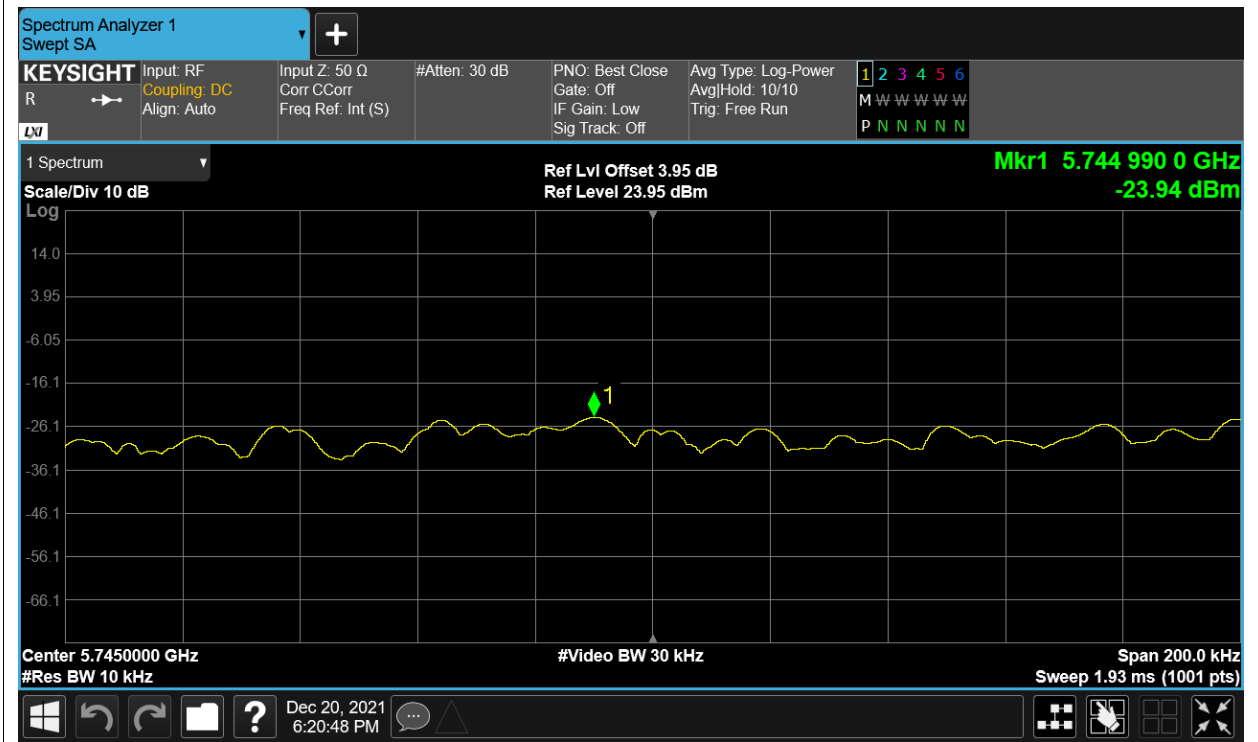
Test Data

Frequency Stability

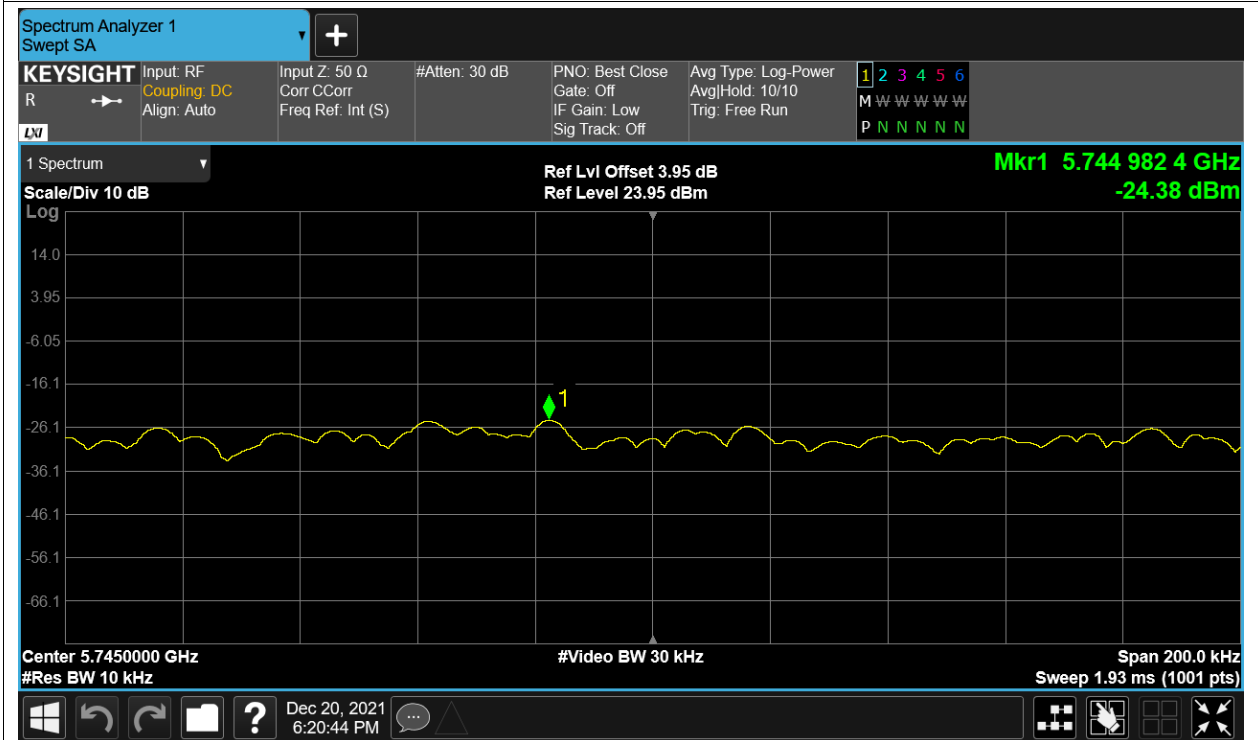
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.99	-1.74	25	Pass
LVNT	a	5745	Ant1	5744.9824	-3.06	25	Pass
NVHT	a	5745	Ant1	5745.0496	8.63	25	Pass
NVLT	a	5745	Ant1	5745.0922	16.05	25	Pass
NVNT	a	5745	Ant1	5744.9692	-5.36	25	Pass
HVNT	ac80	5775	Ant1	5774.9684	-5.47	25	Pass
LVNT	ac80	5775	Ant1	5774.9706	-5.09	25	Pass
NVHT	ac80	5775	Ant1	5774.973	-4.68	25	Pass
NVLT	ac80	5775	Ant1	5774.9676	-5.61	25	Pass
NVNT	ac80	5775	Ant1	5774.9746	-4.4	25	Pass
HVNT	n40	5755	Ant1	5754.951	-8.51	25	Pass
LVNT	n40	5755	Ant1	5755.0164	2.85	25	Pass
NVHT	n40	5755	Ant1	5754.9576	-7.37	25	Pass
NVLT	n40	5755	Ant1	5754.9772	-3.96	25	Pass
NVNT	n40	5755	Ant1	5754.9756	-4.24	25	Pass

Test Graphs

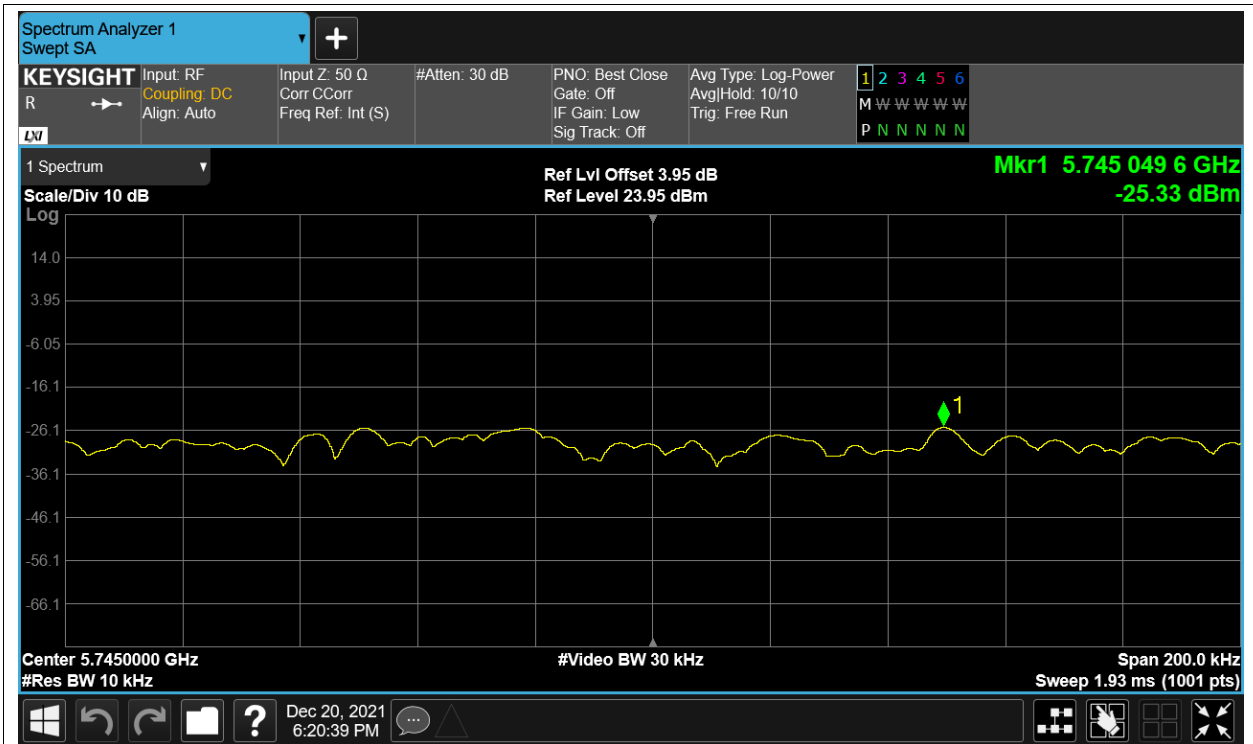
Freq. Stability HVNT a 5745MHz Ant1



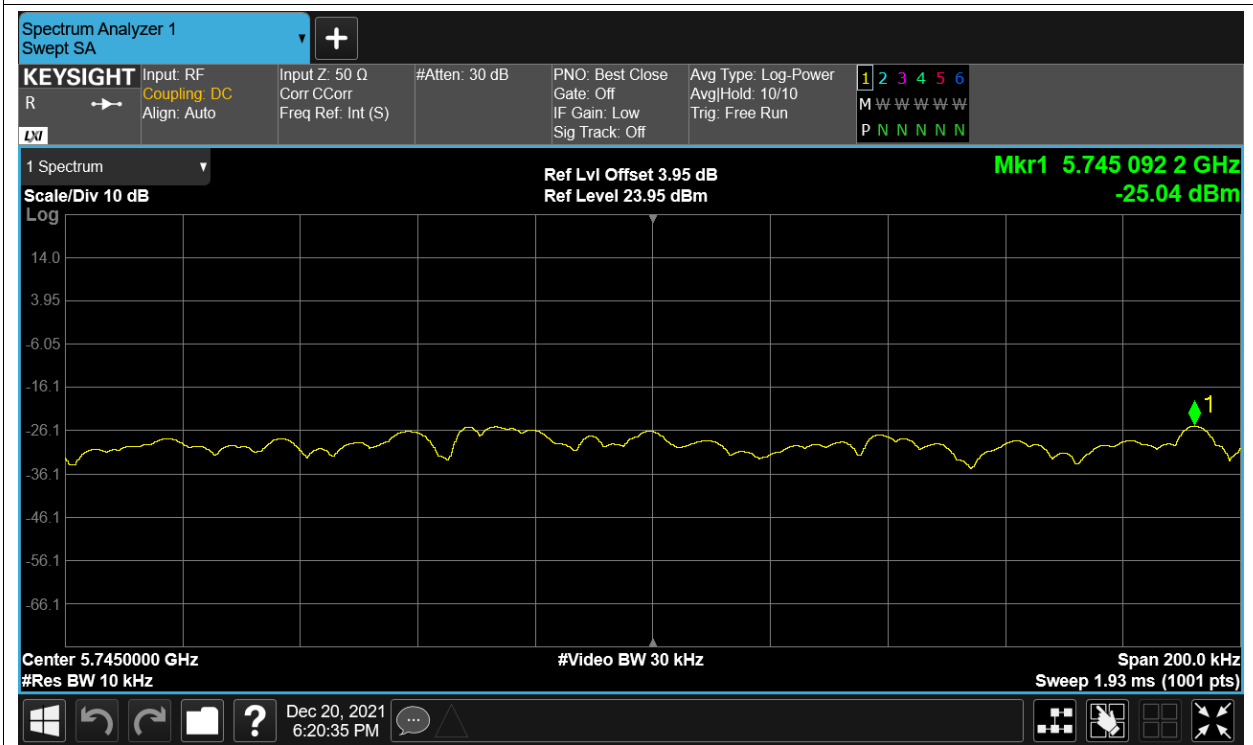
Freq. Stability LVNT a 5745MHz Ant1



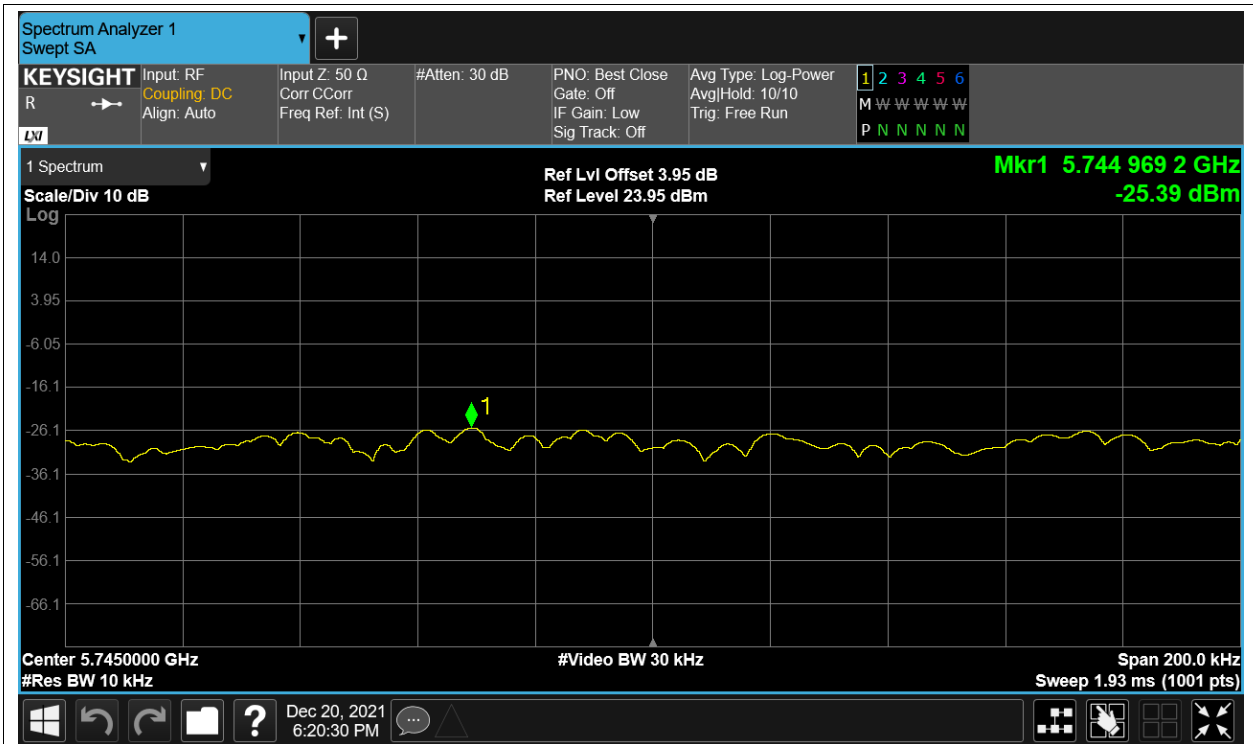
Freq. Stability NVHT a 5745MHz Ant1



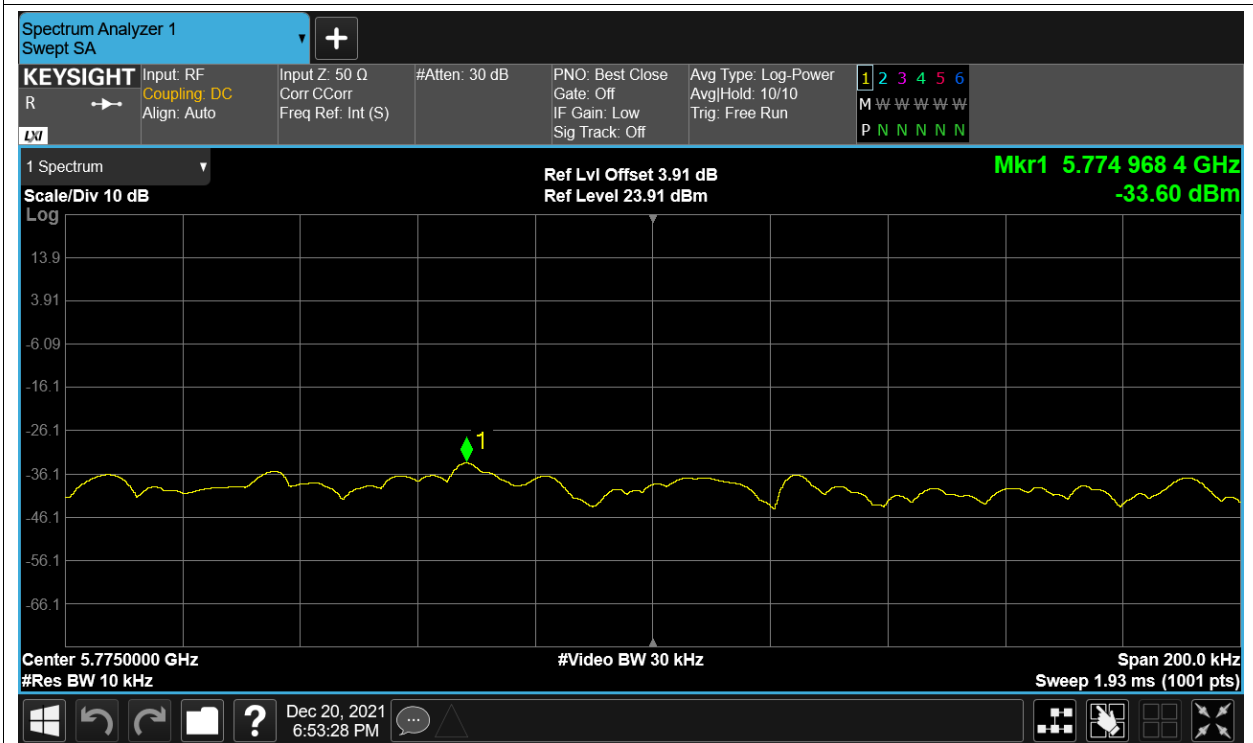
Freq. Stability NVLT a 5745MHz Ant1



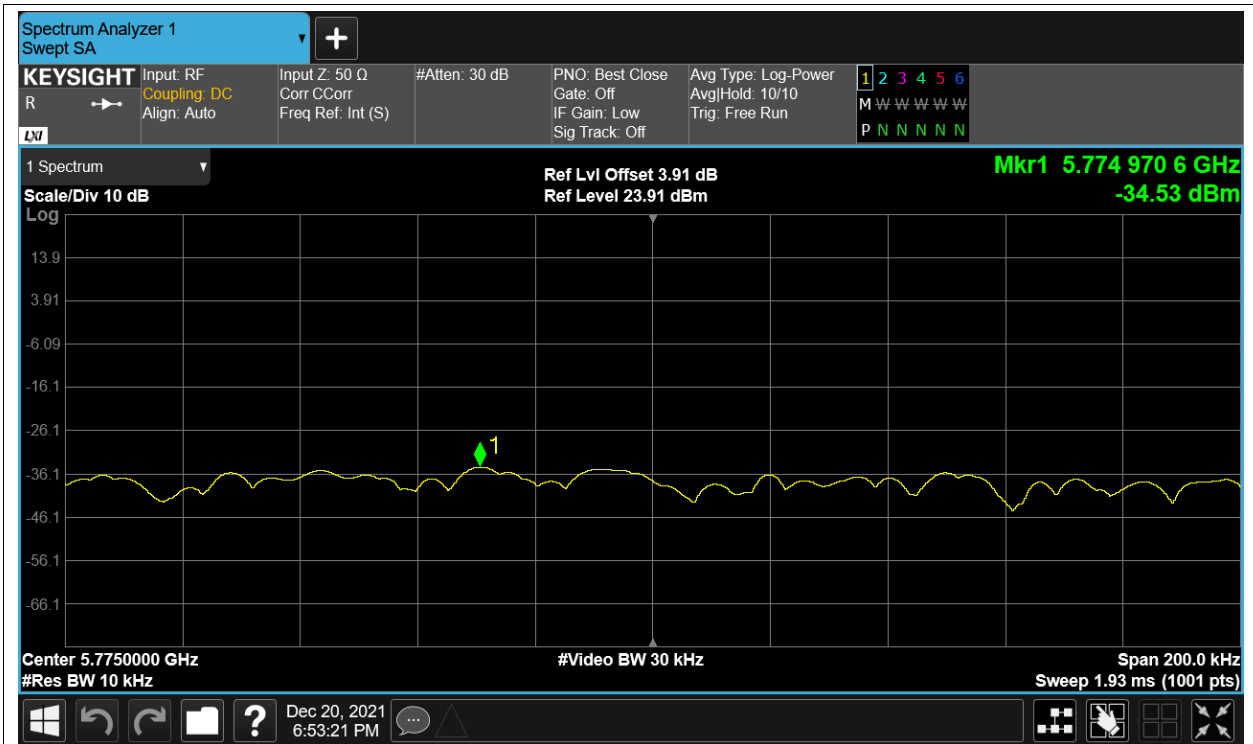
Freq. Stability NVNT a 5745MHz Ant1



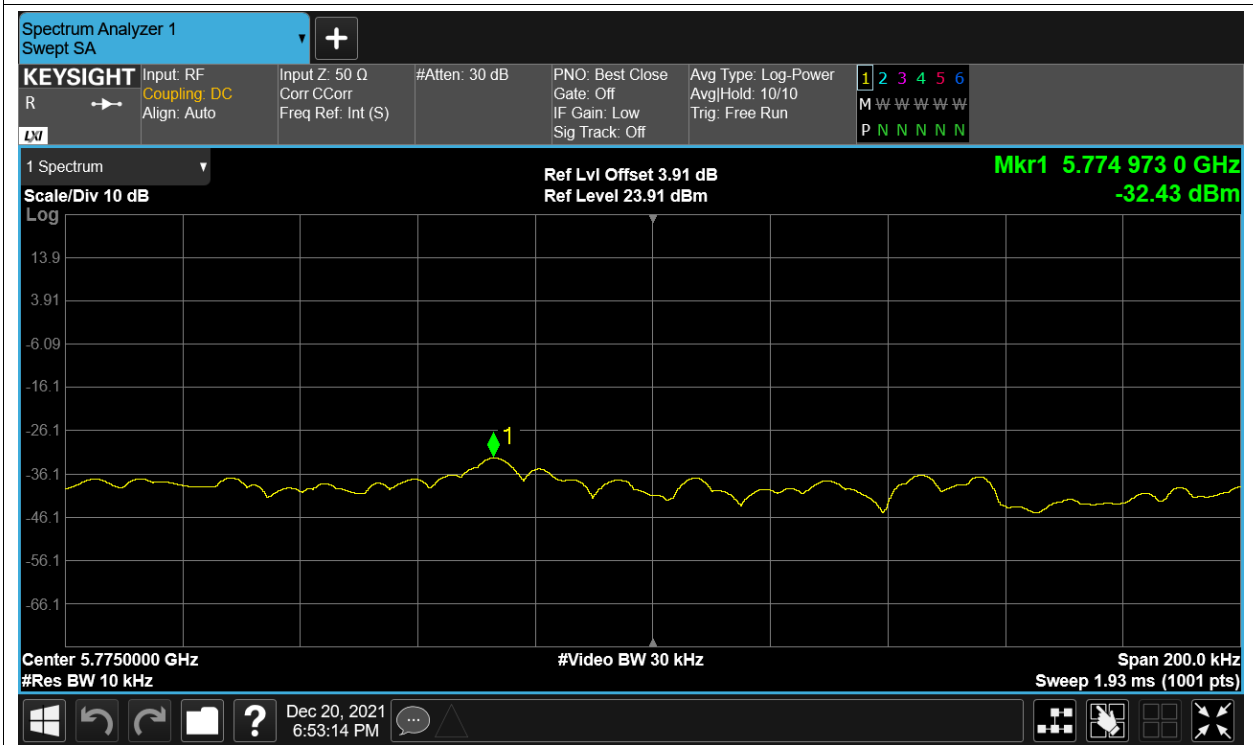
Freq. Stability HVNT ac80 5775MHz Ant1



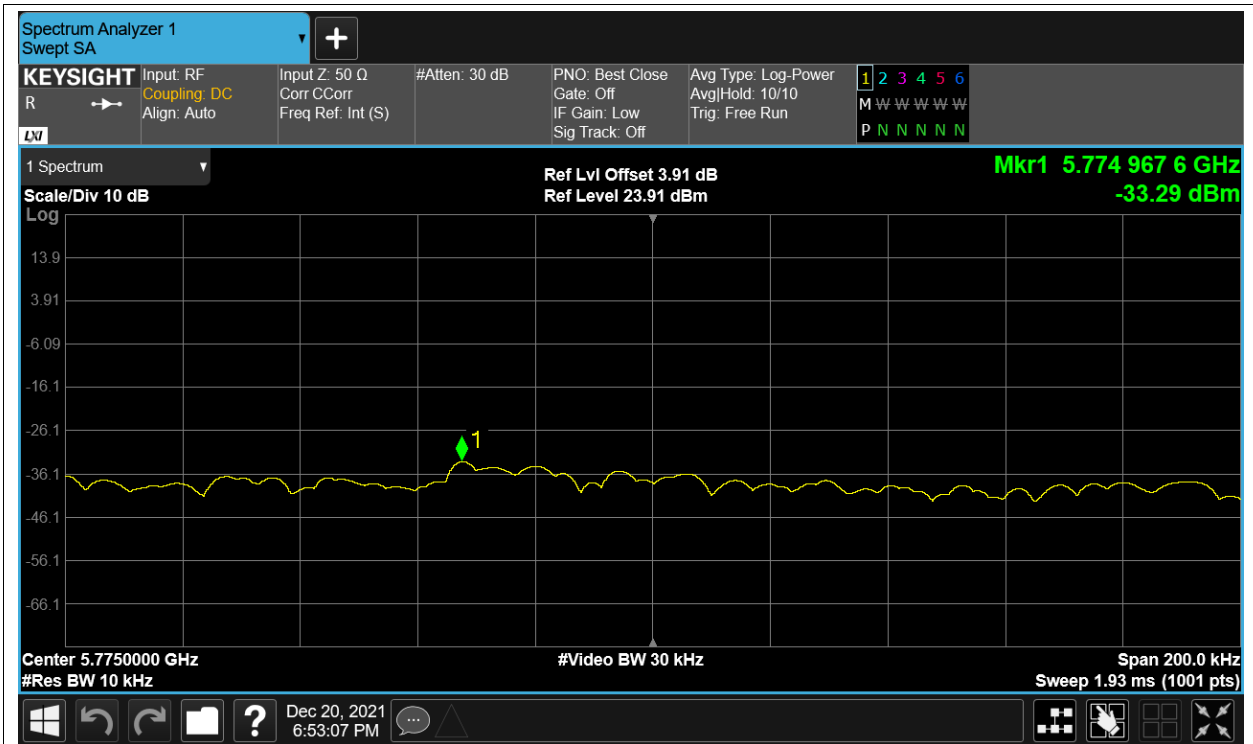
Freq. Stability LVNT ac80 5775MHz Ant1



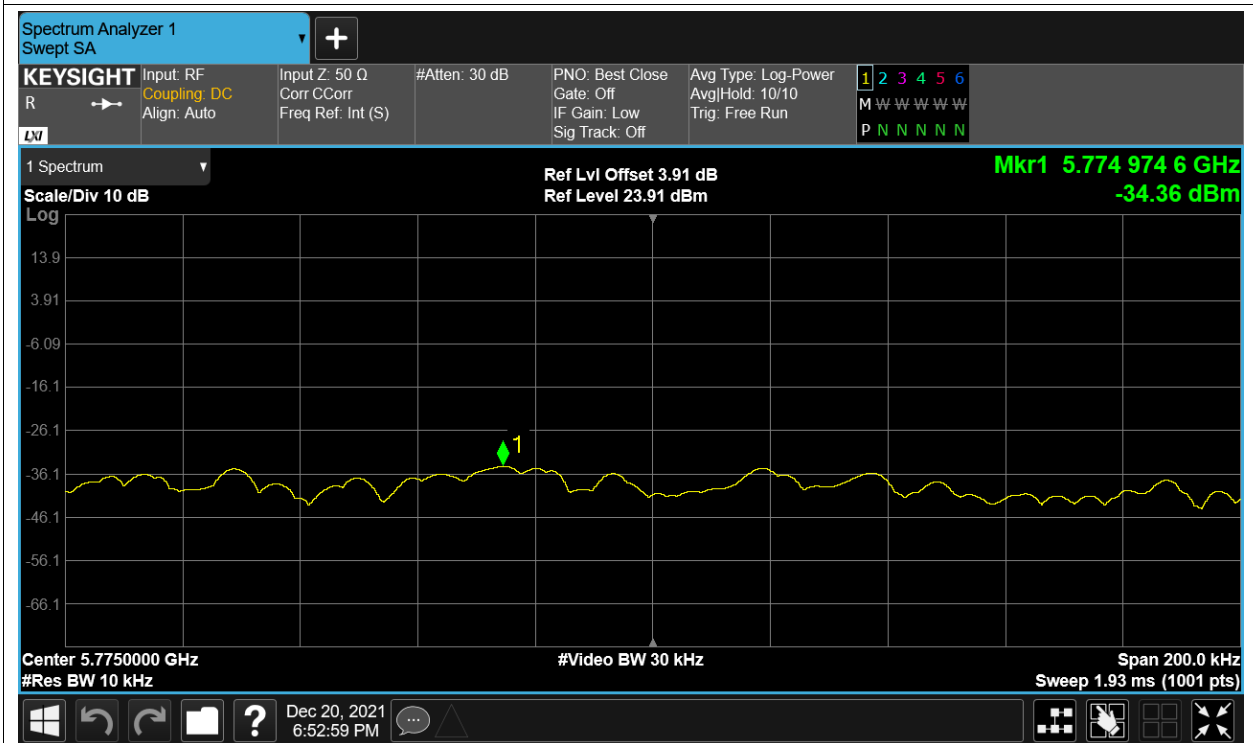
Freq. Stability NVHT ac80 5775MHz Ant1



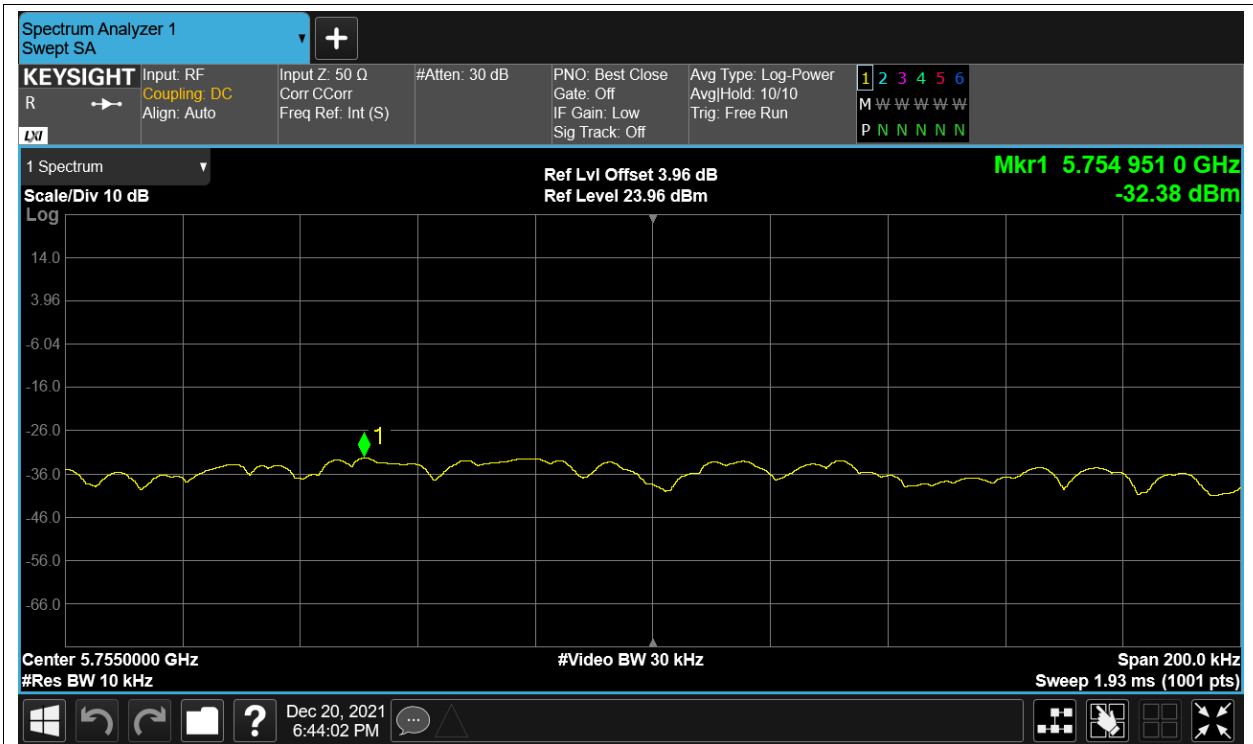
Freq. Stability NVLT ac80 5775MHz Ant1



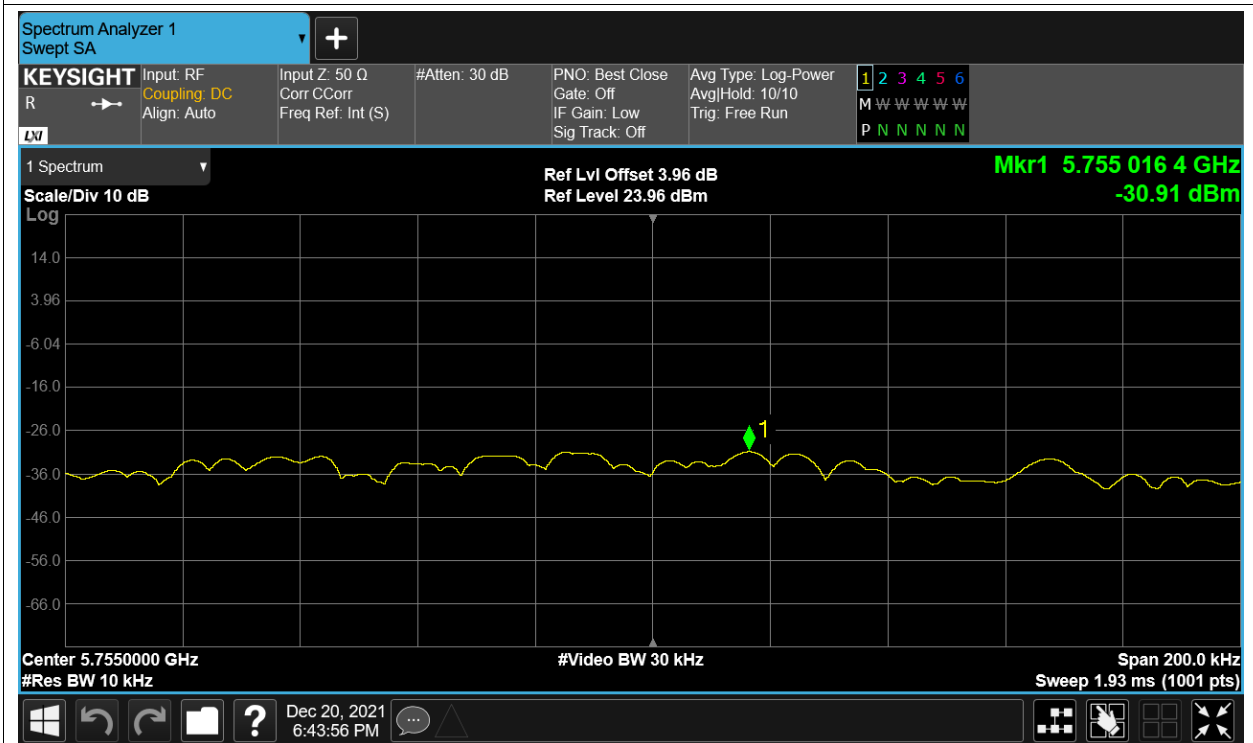
Freq. Stability NVNT ac80 5775MHz Ant1



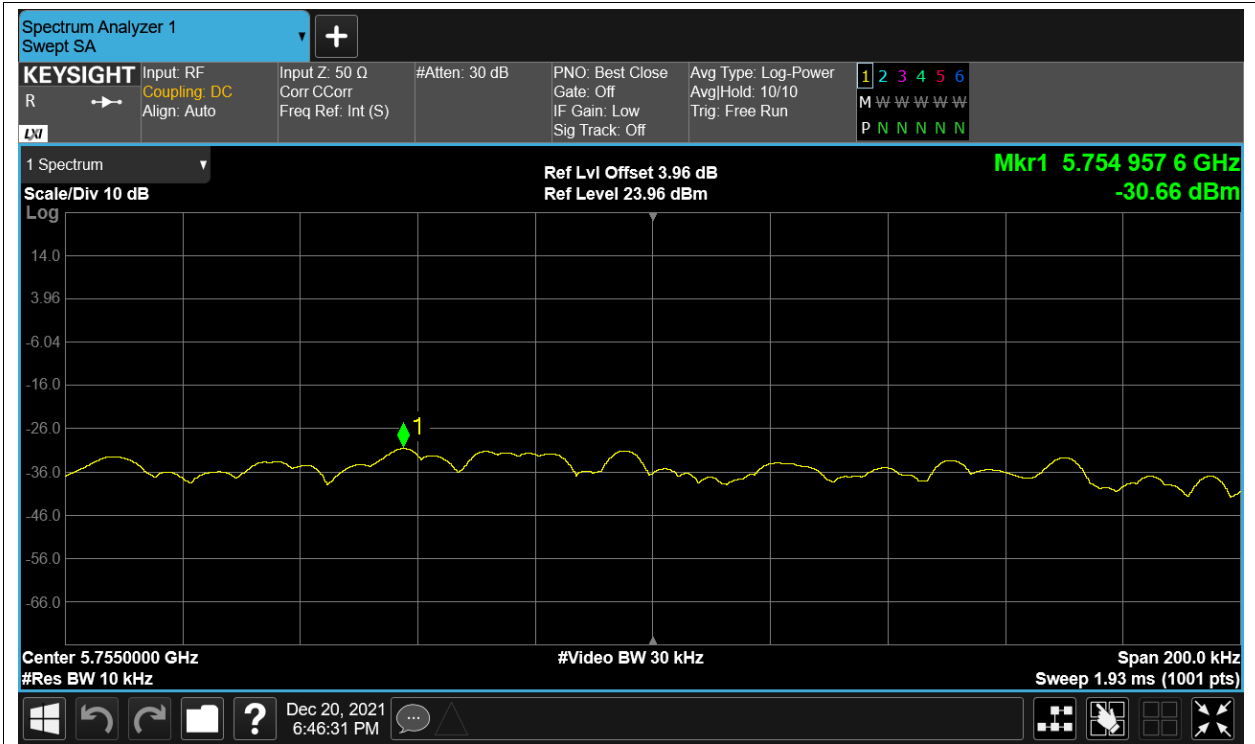
Freq. Stability HVNT n40 5755MHz Ant1



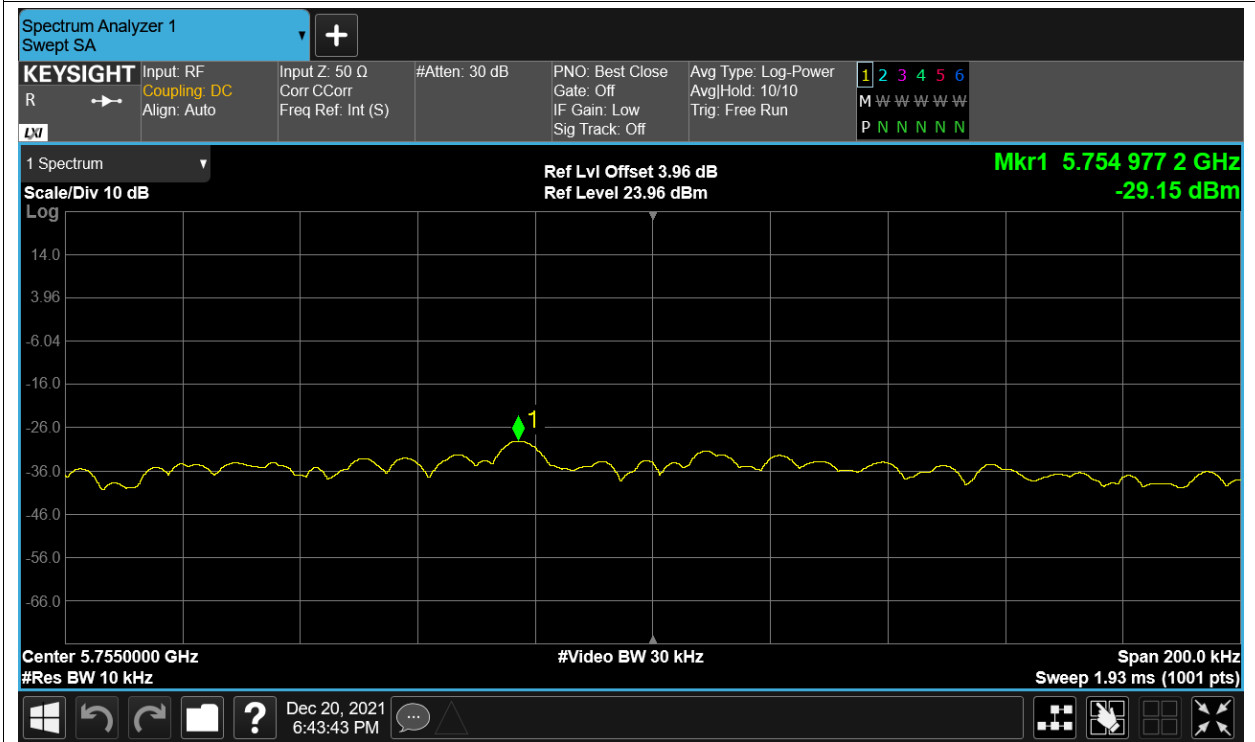
Freq. Stability LVNT n40 5755MHz Ant1



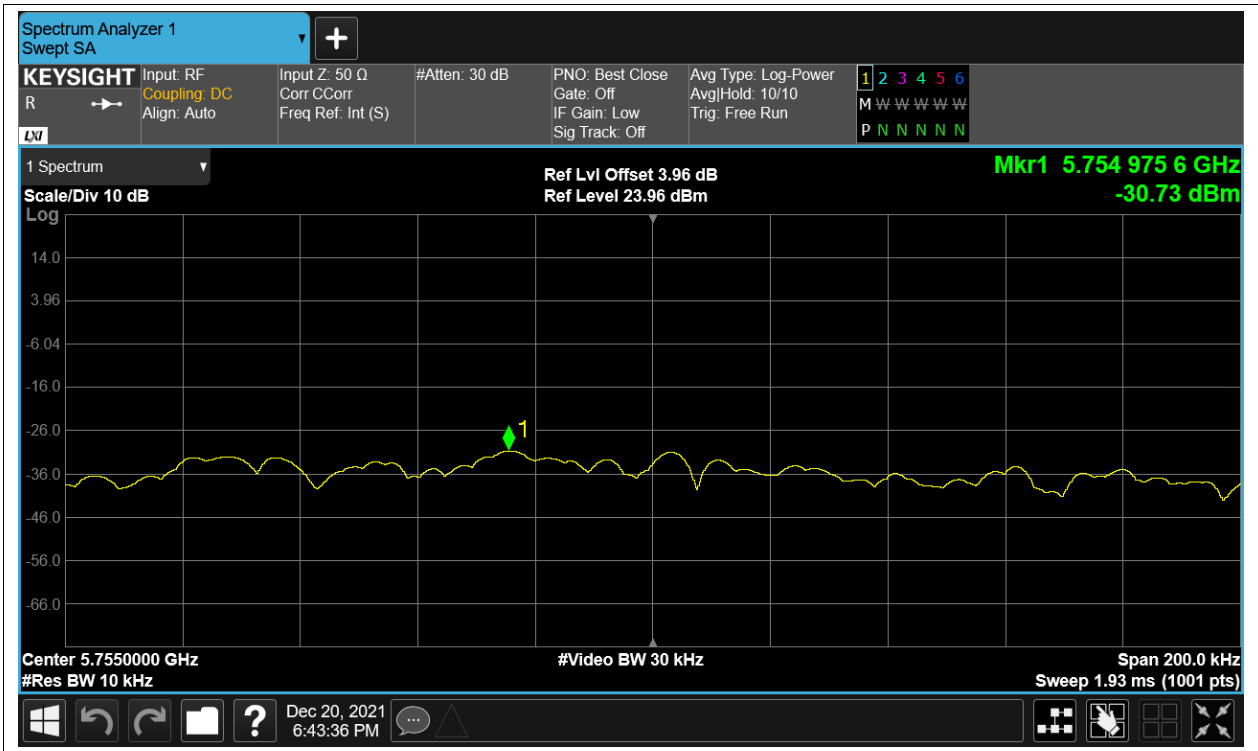
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

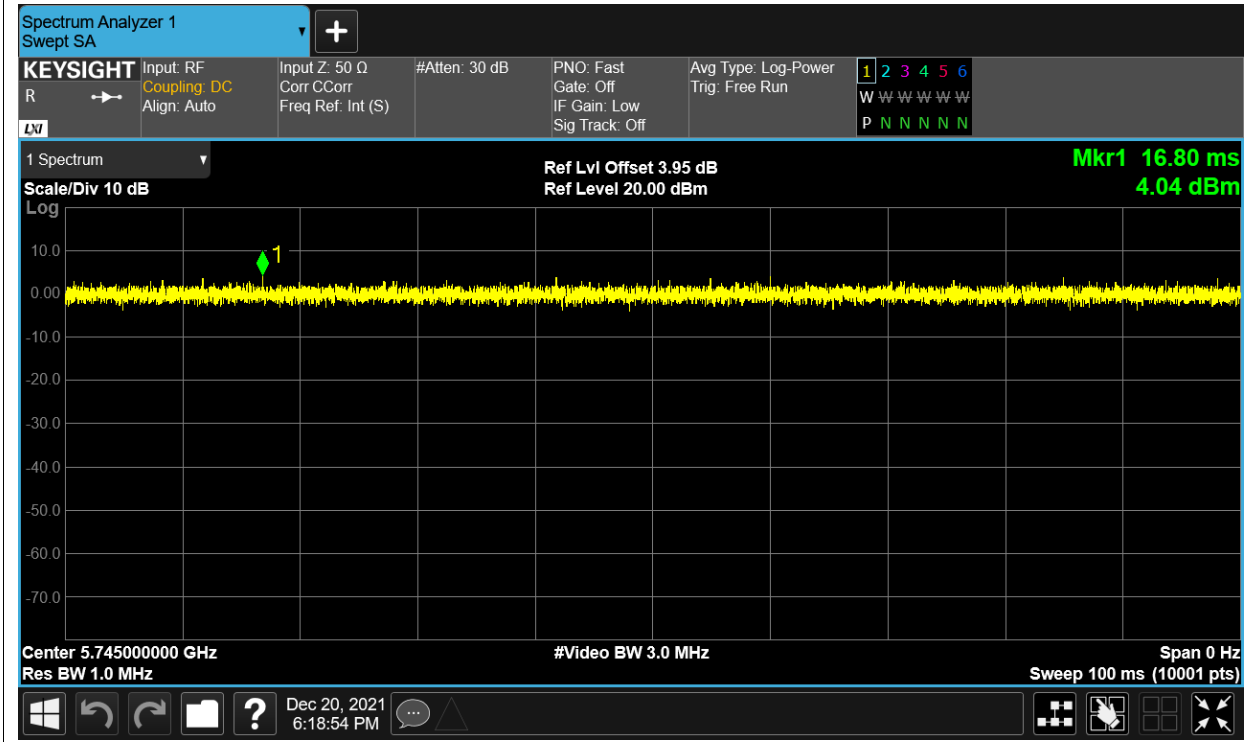


Duty Cycle

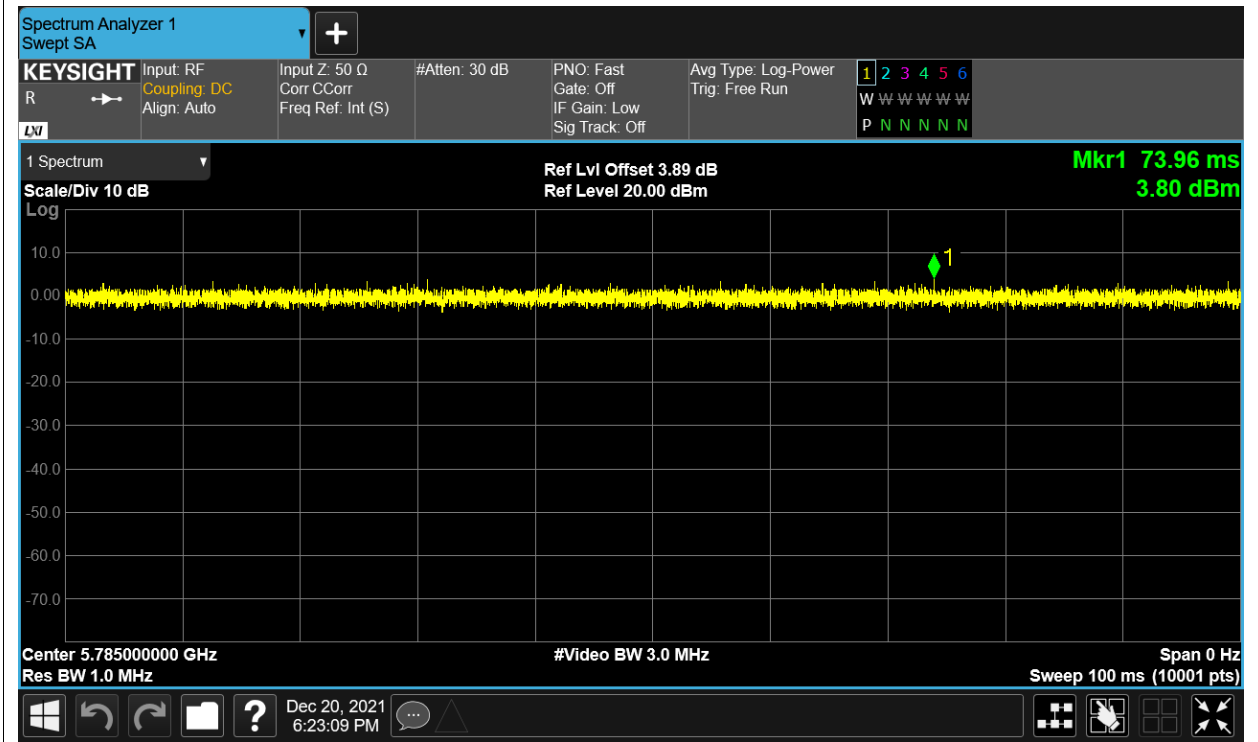
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0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

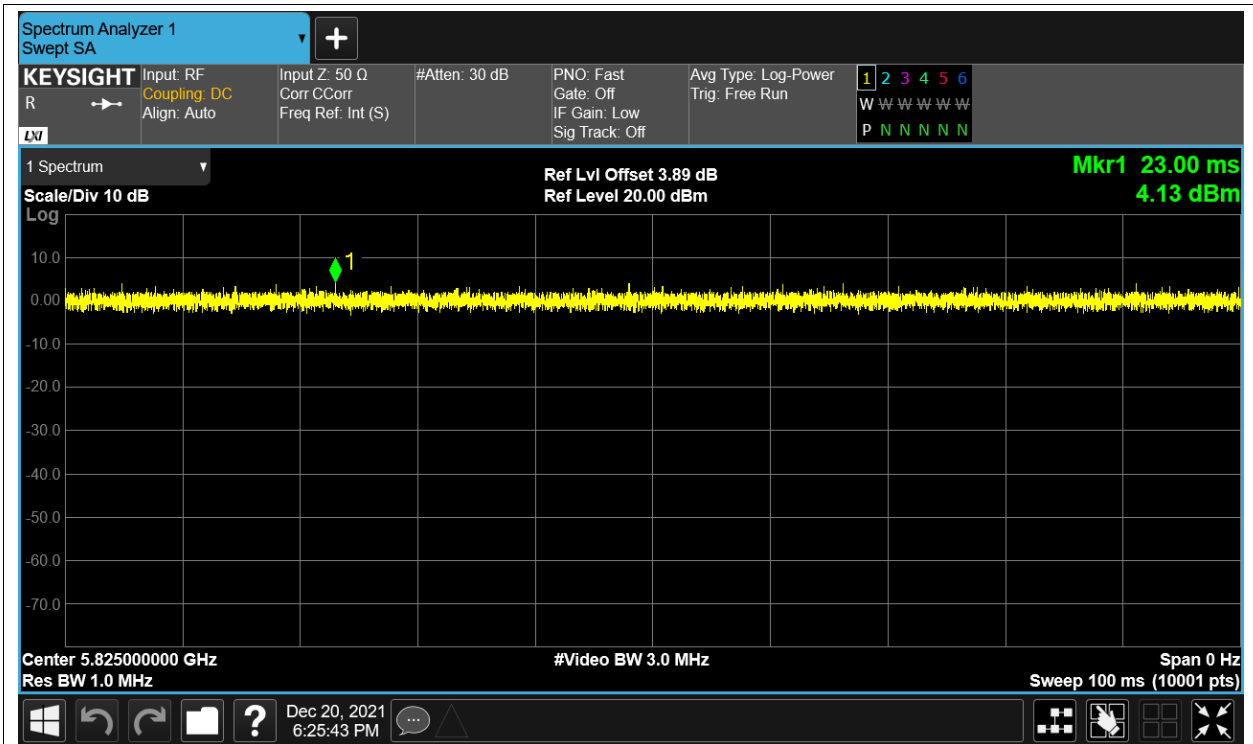
Duty Cycle NVNT a 5745MHz Ant1



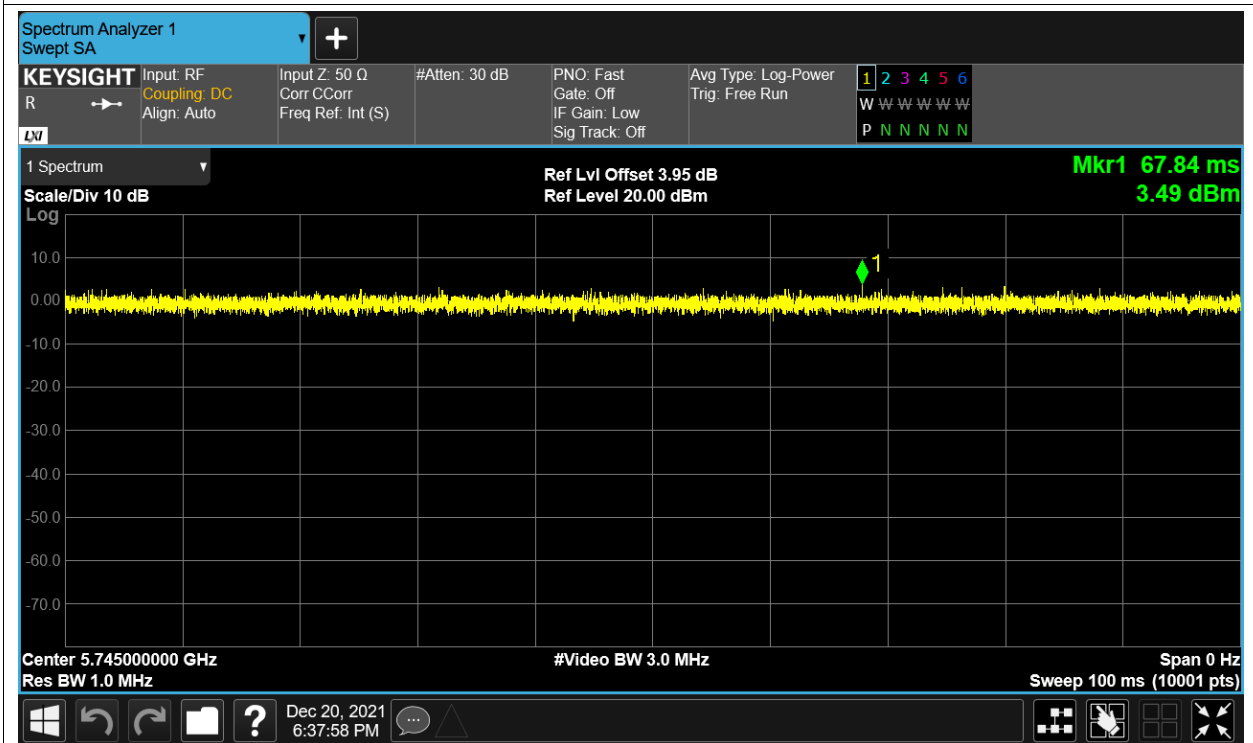
Duty Cycle NVNT a 5785MHz Ant1



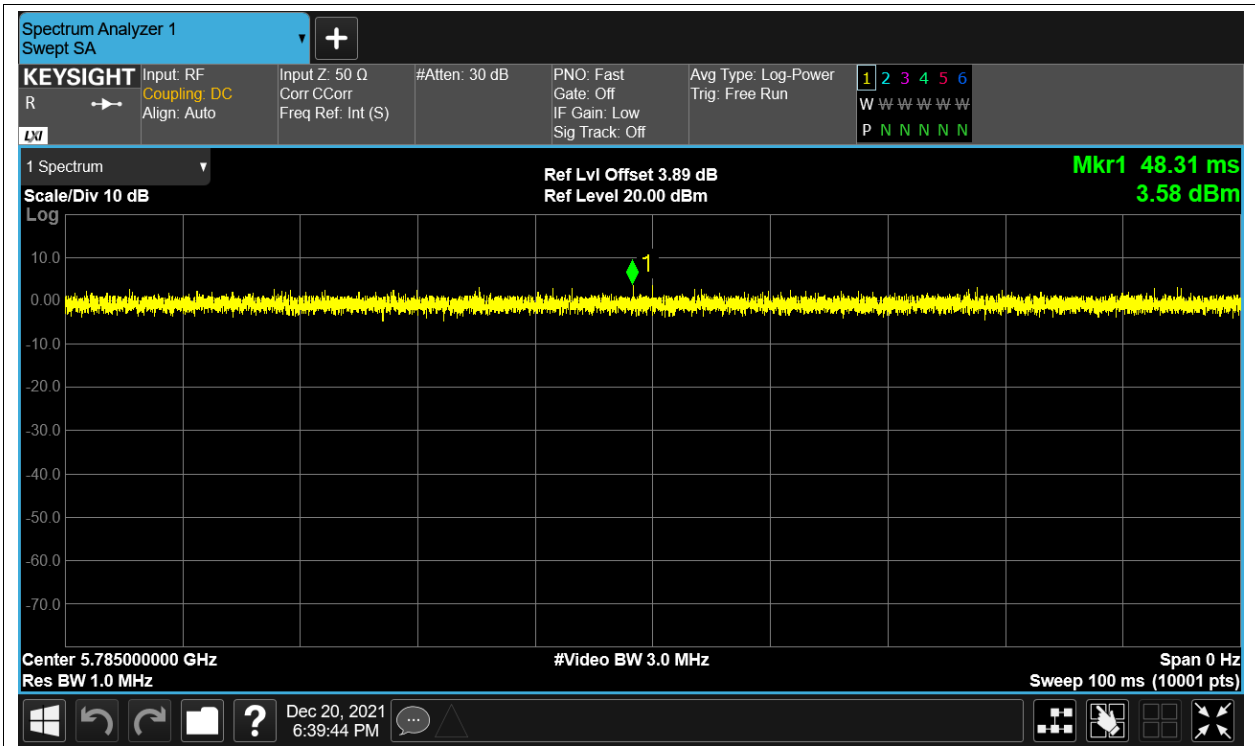
Duty Cycle NVNT a 5825MHz Ant1



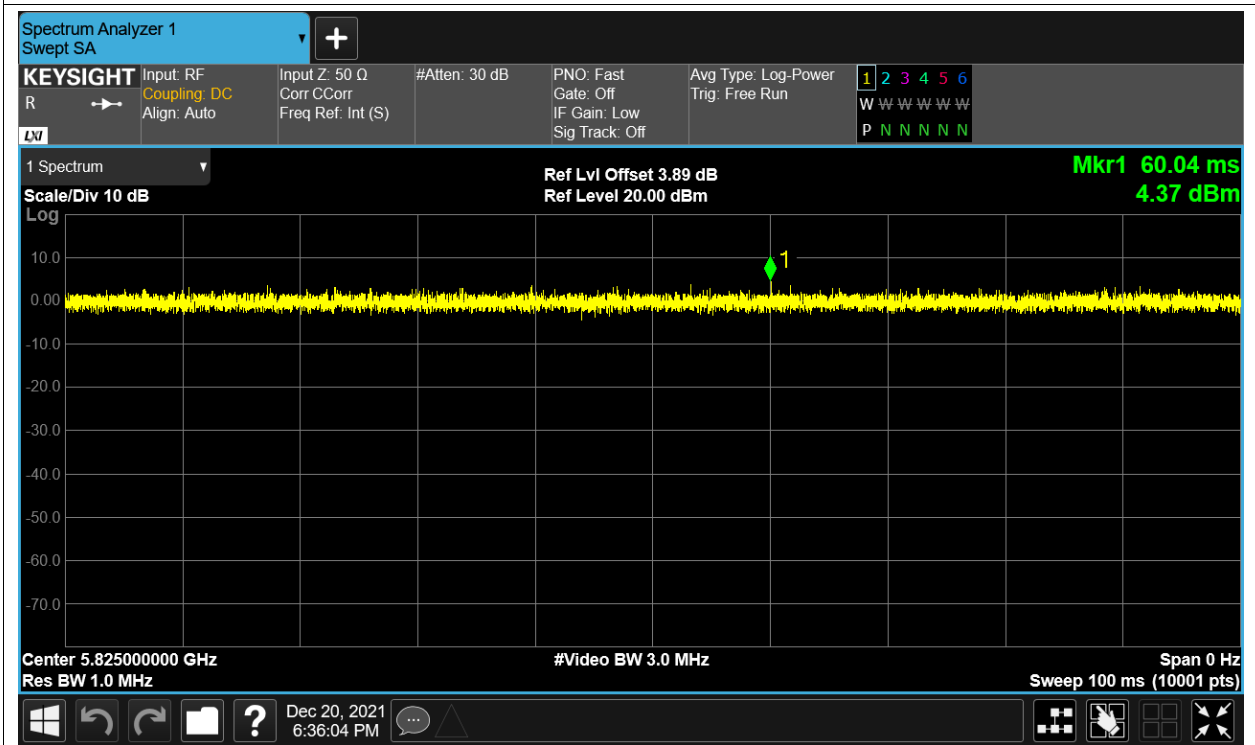
Duty Cycle NVNT ac20 5745MHz Ant1



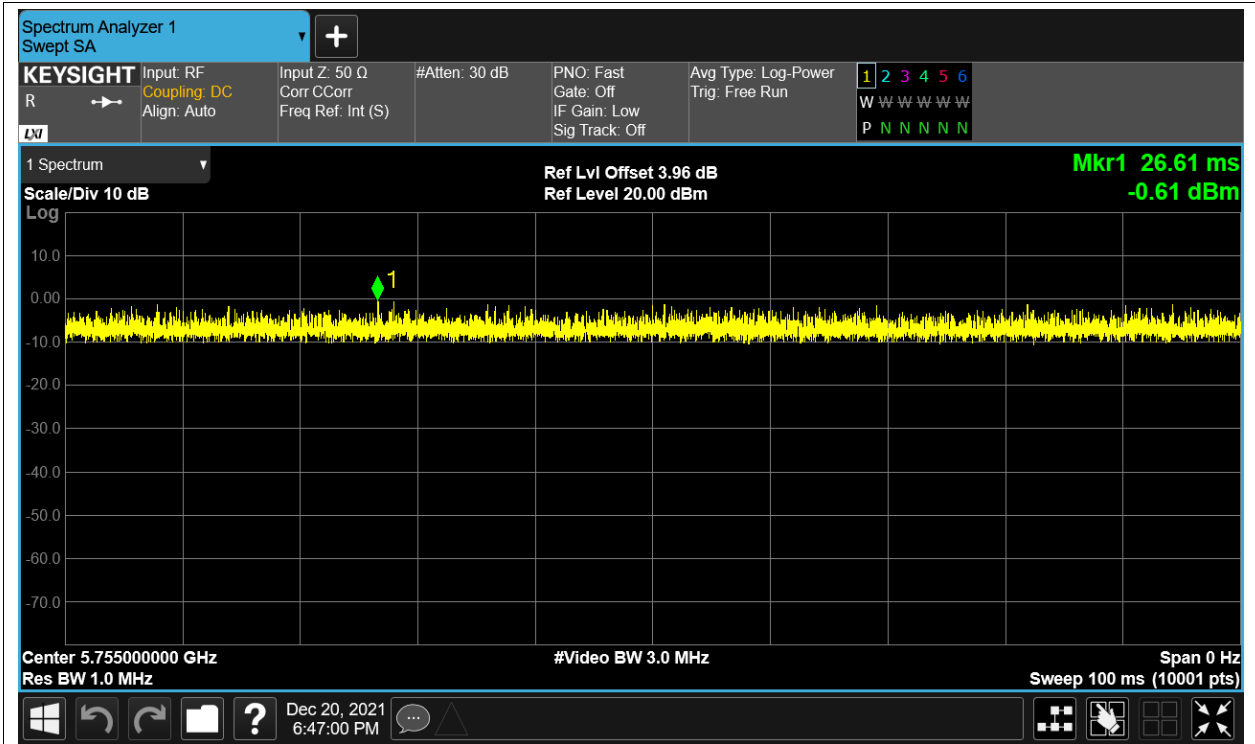
Duty Cycle NVNT ac20 5785MHz Ant1



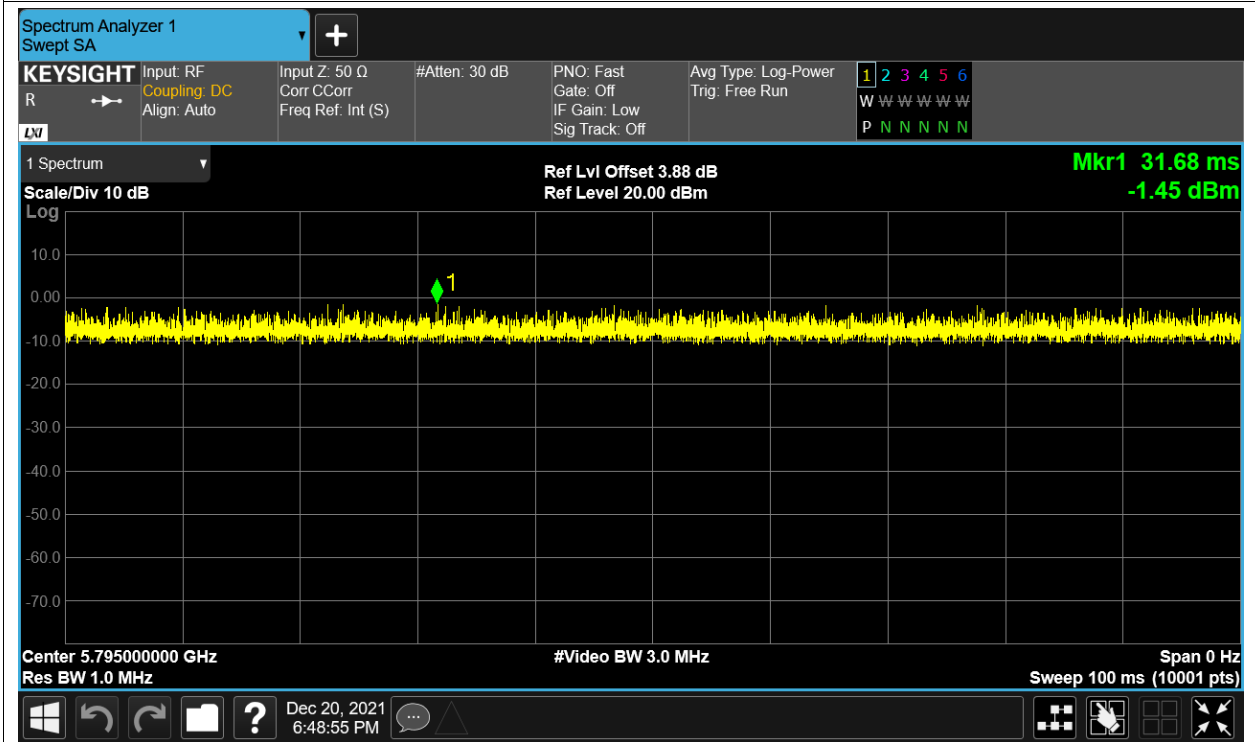
Duty Cycle NVNT ac20 5825MHz Ant1



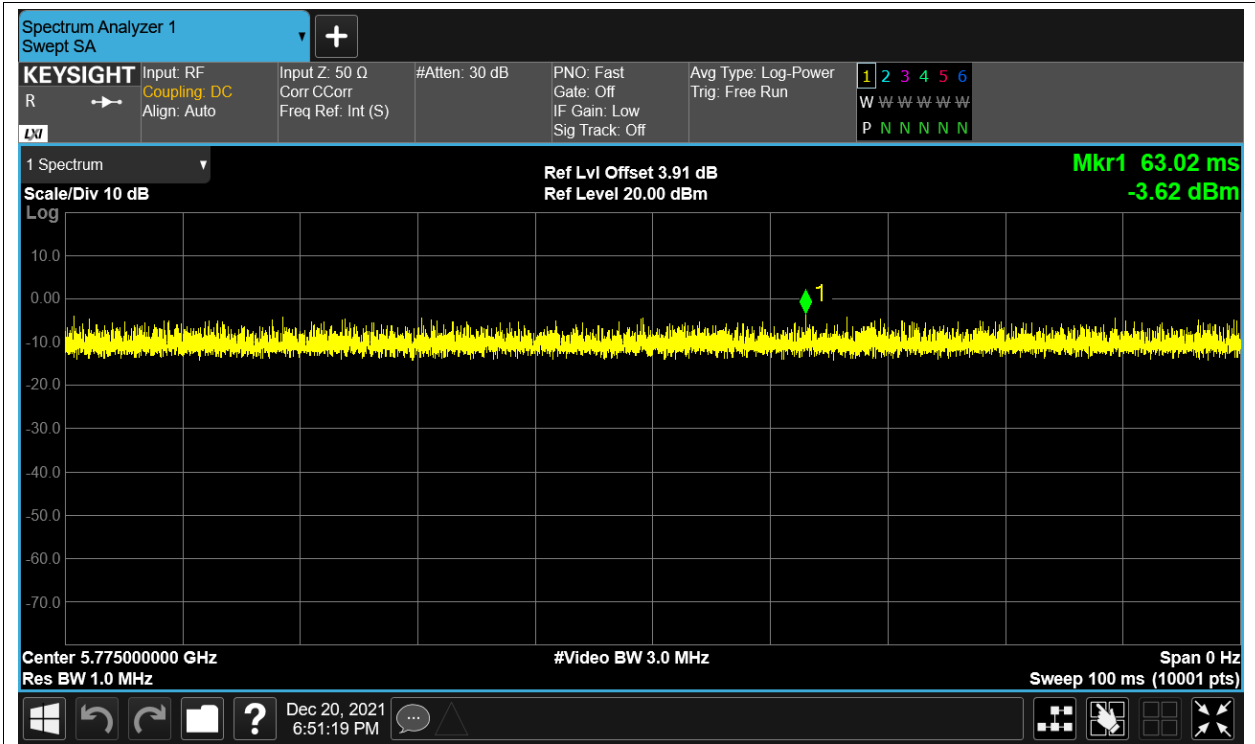
Duty Cycle NVNT ac40 5755MHz Ant1



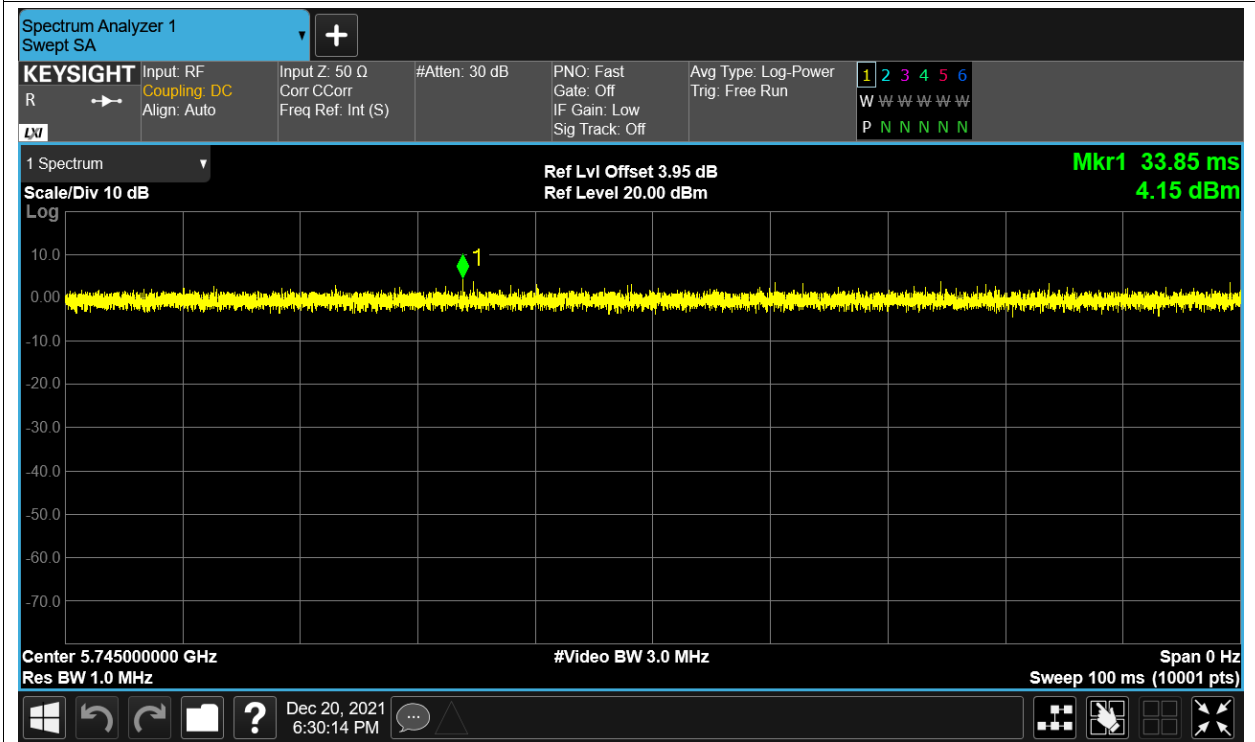
Duty Cycle NVNT ac40 5795MHz Ant1



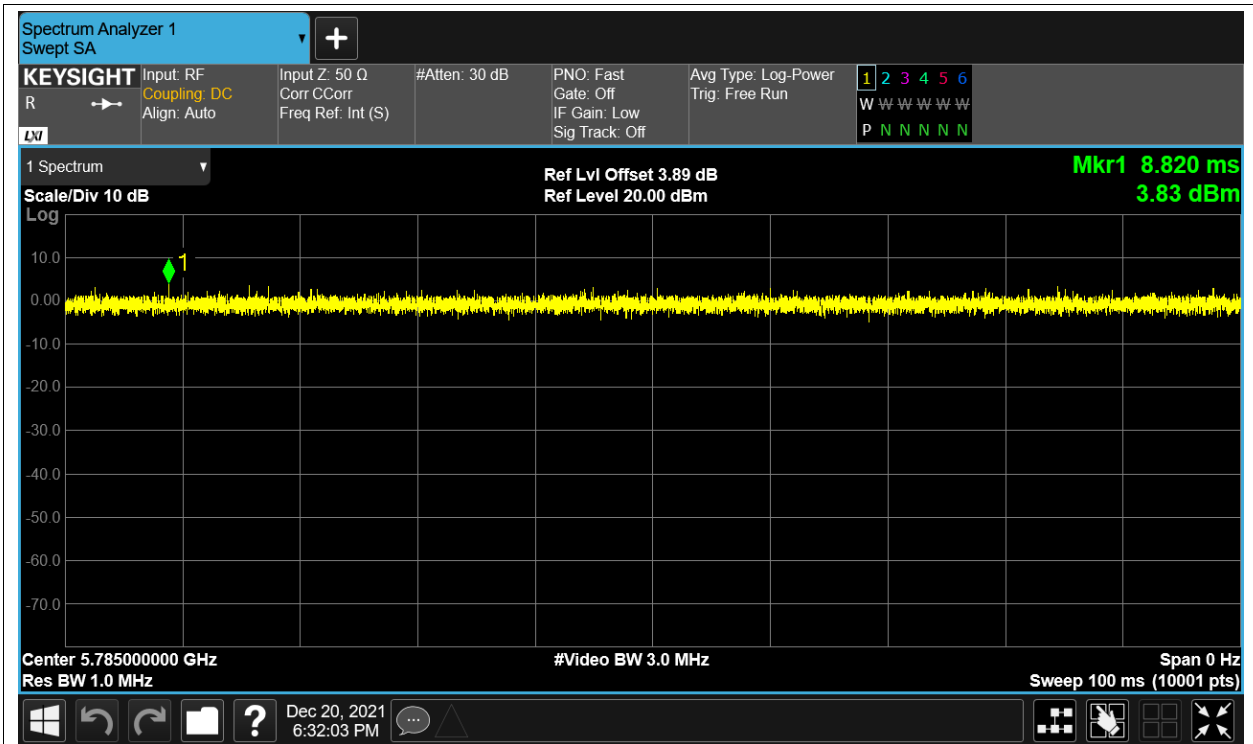
Duty Cycle NVNT ac80 5775MHz Ant1



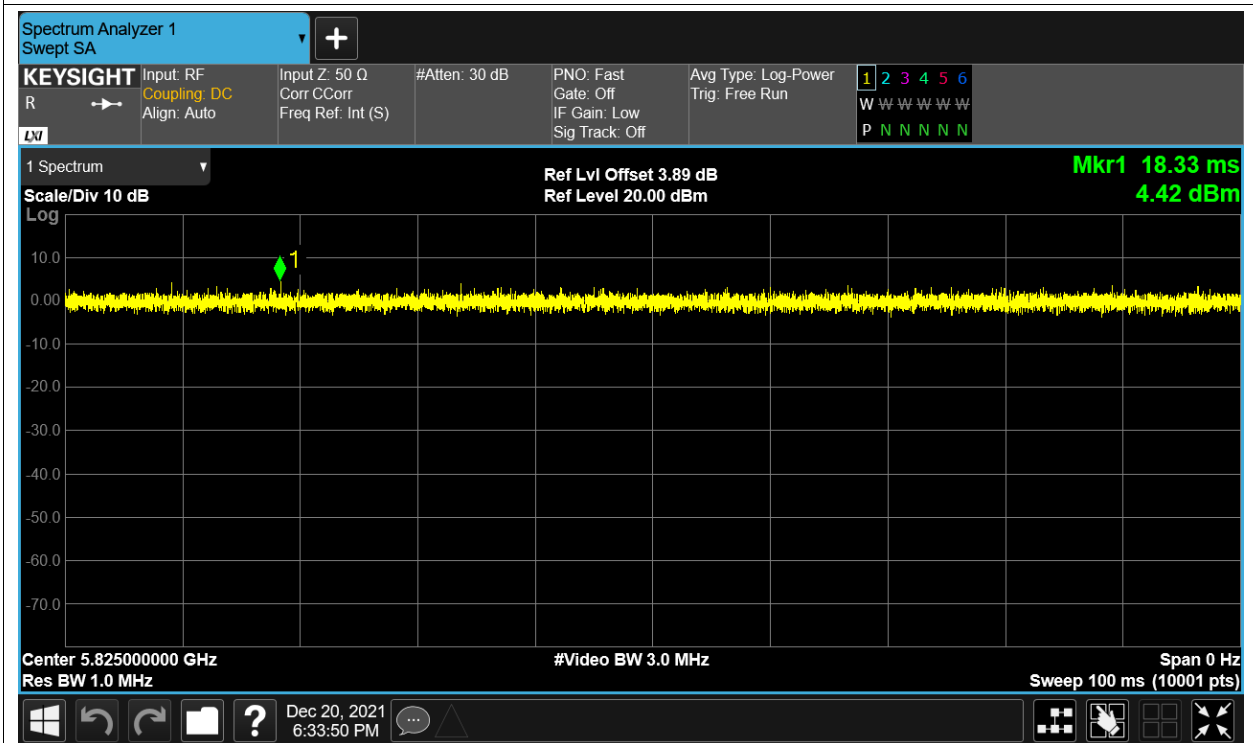
Duty Cycle NVNT n20 5745MHz Ant1



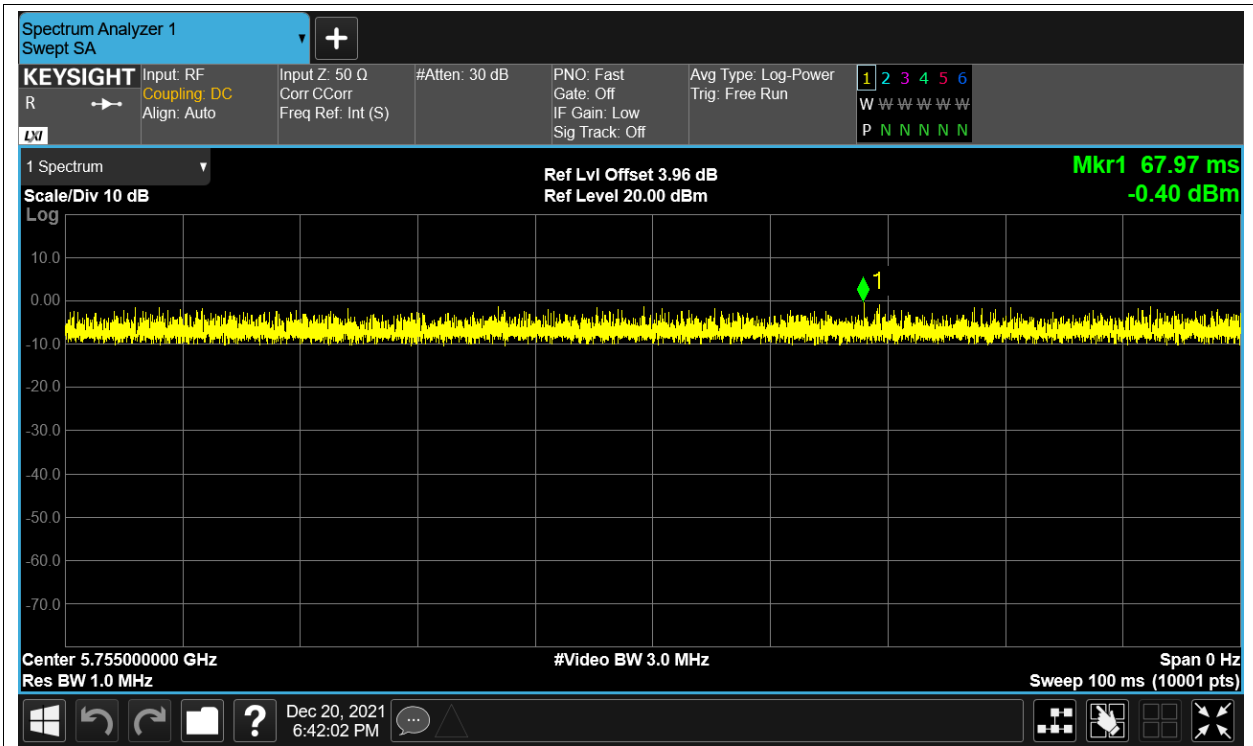
Duty Cycle NVNT n20 5785MHz Ant1



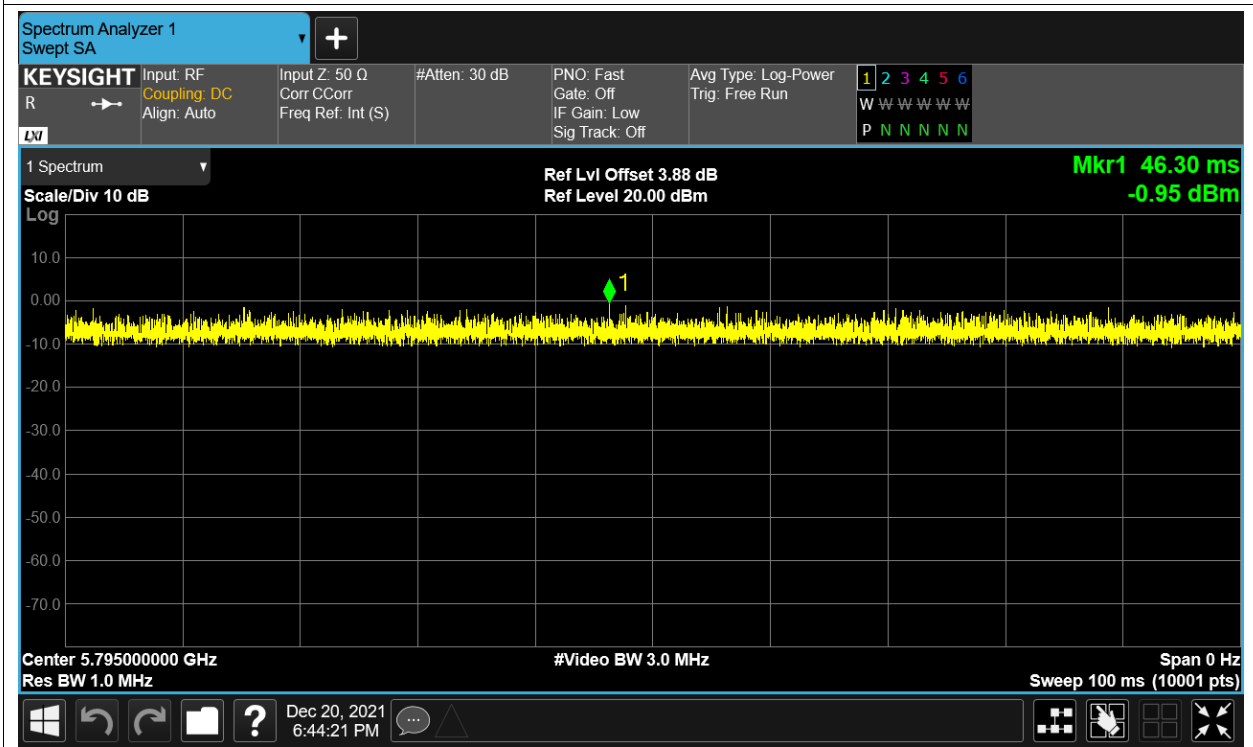
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1

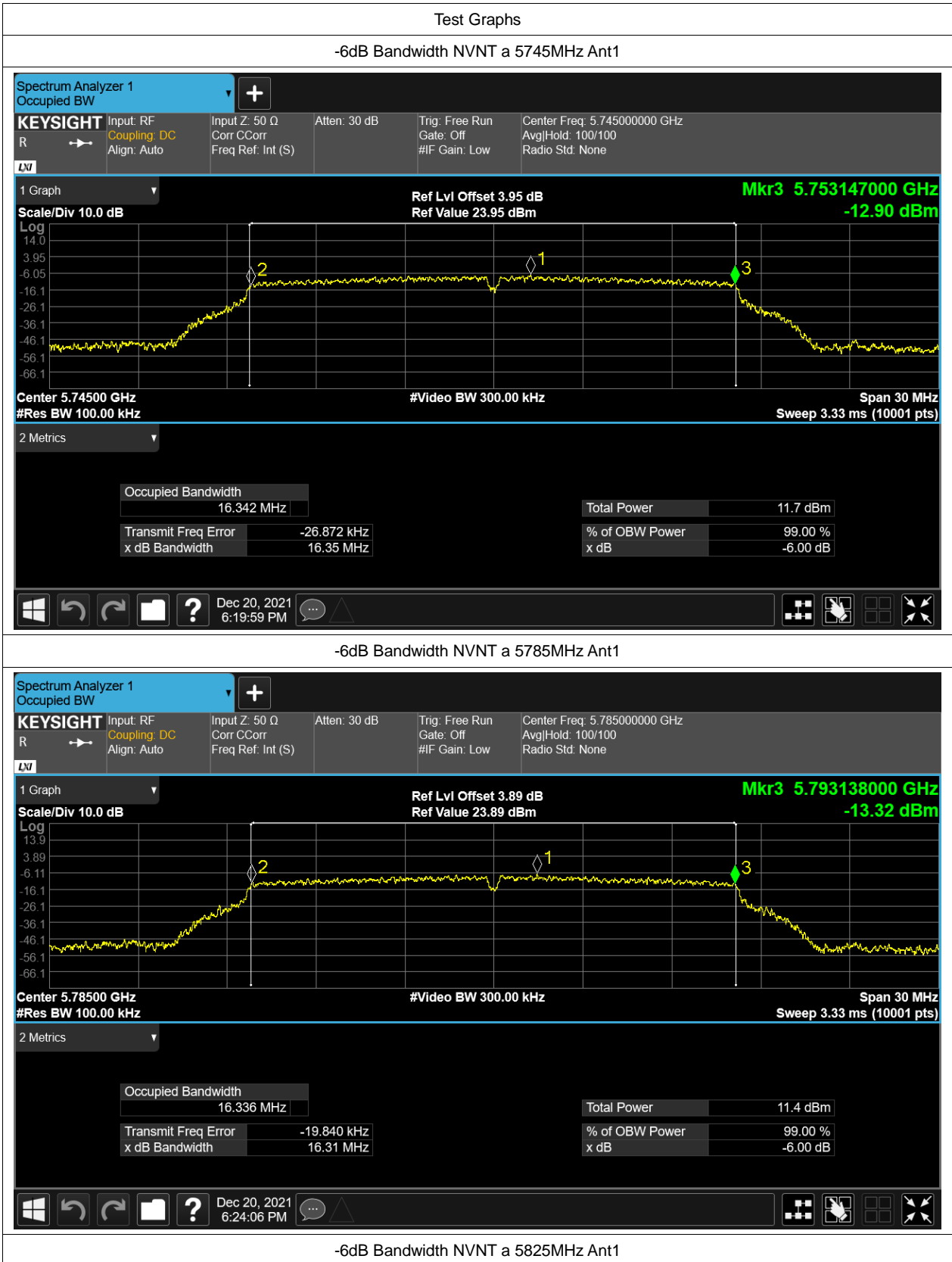


Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	6.21	0	6.21	30	Pass
NVNT	a	5785	Ant1	6.82	0	6.82	30	Pass
NVNT	a	5825	Ant1	7.46	0	7.46	30	Pass
NVNT	ac20	5745	Ant1	6.03	0	6.03	30	Pass
NVNT	ac20	5785	Ant1	6.63	0	6.63	30	Pass
NVNT	ac20	5825	Ant1	7.4	0	7.4	30	Pass
NVNT	ac40	5755	Ant1	6.53	0	6.53	30	Pass
NVNT	ac40	5795	Ant1	6.19	0	6.19	30	Pass
NVNT	ac80	5775	Ant1	6.68	0	6.68	30	Pass
NVNT	n20	5745	Ant1	6.01	0	6.01	30	Pass
NVNT	n20	5785	Ant1	6.62	0	6.62	30	Pass
NVNT	n20	5825	Ant1	7.41	0	7.41	30	Pass
NVNT	n40	5755	Ant1	6.54	0	6.54	30	Pass
NVNT	n40	5795	Ant1	6.42	0	6.42	30	Pass

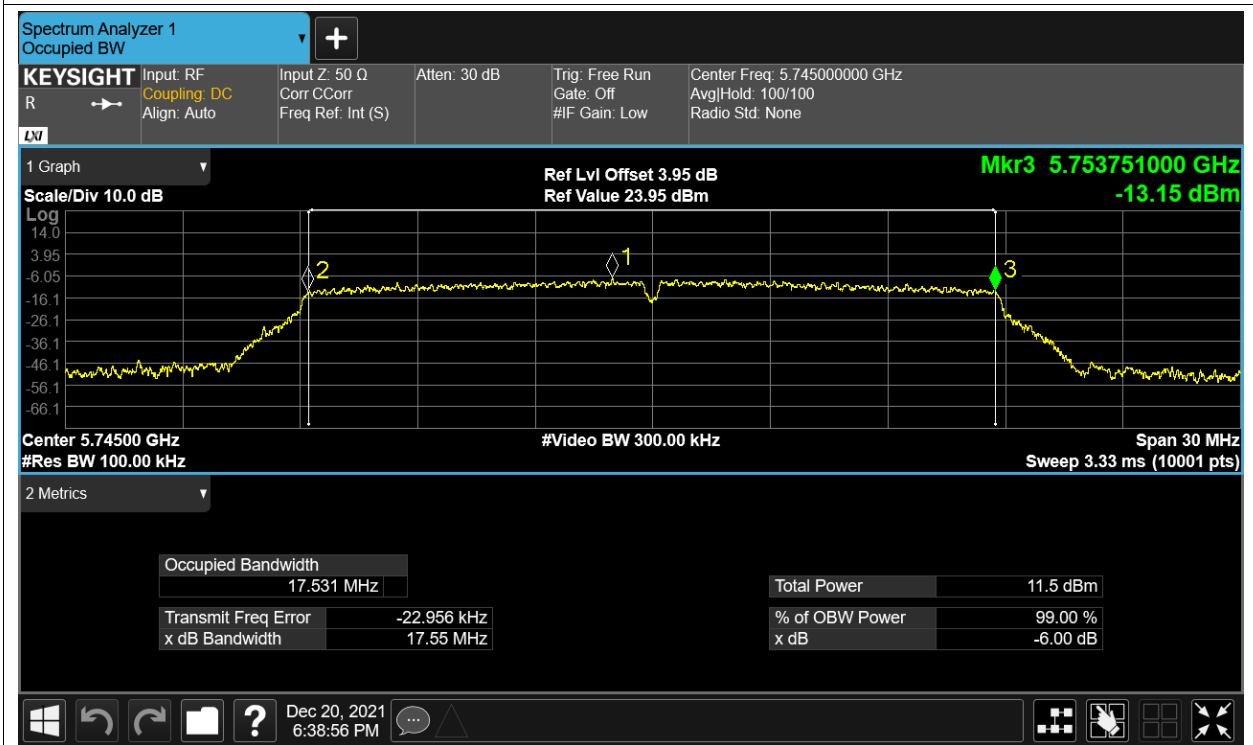
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.348	0.5	Pass
NVNT	a	5785	Ant1	16.315	0.5	Pass
NVNT	a	5825	Ant1	16.343	0.5	Pass
NVNT	ac20	5745	Ant1	17.548	0.5	Pass
NVNT	ac20	5785	Ant1	17.58	0.5	Pass
NVNT	ac20	5825	Ant1	17.577	0.5	Pass
NVNT	ac40	5755	Ant1	35.929	0.5	Pass
NVNT	ac40	5795	Ant1	36.318	0.5	Pass
NVNT	ac80	5775	Ant1	76.326	0.5	Pass
NVNT	n20	5745	Ant1	17.562	0.5	Pass
NVNT	n20	5785	Ant1	17.561	0.5	Pass
NVNT	n20	5825	Ant1	17.541	0.5	Pass
NVNT	n40	5755	Ant1	35.71	0.5	Pass
NVNT	n40	5795	Ant1	36.263	0.5	Pass

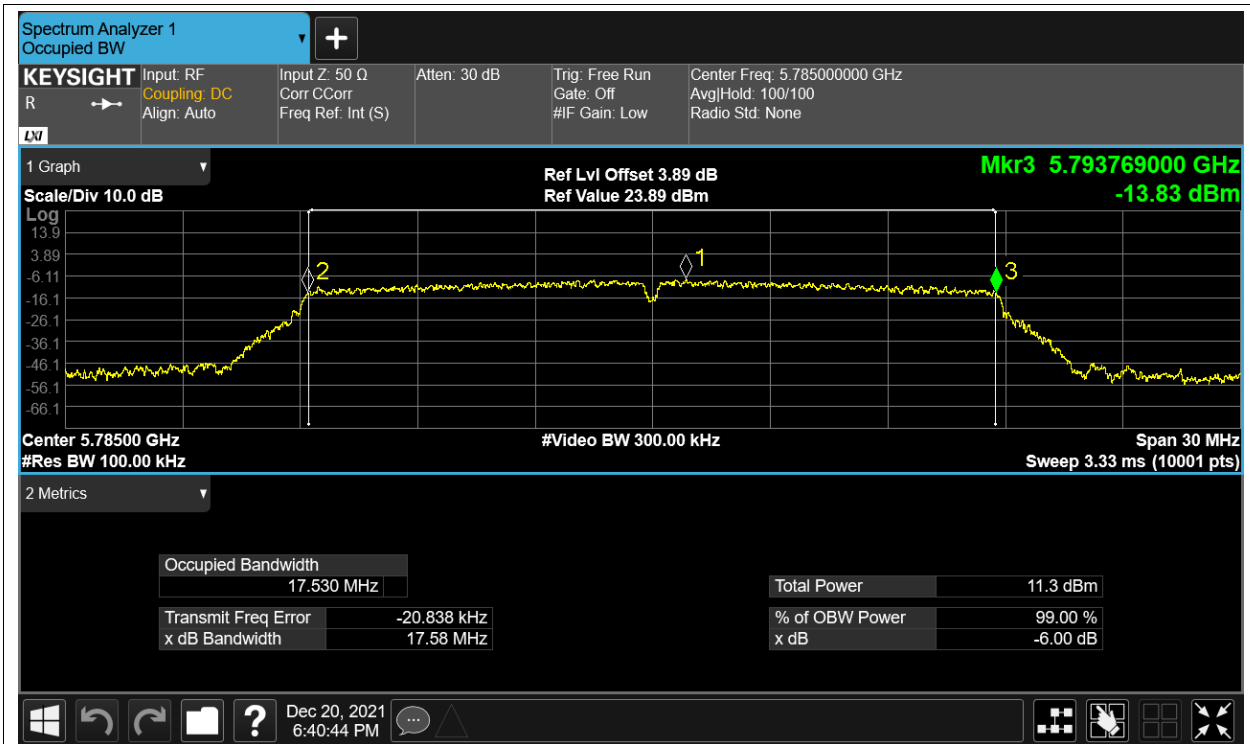




-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



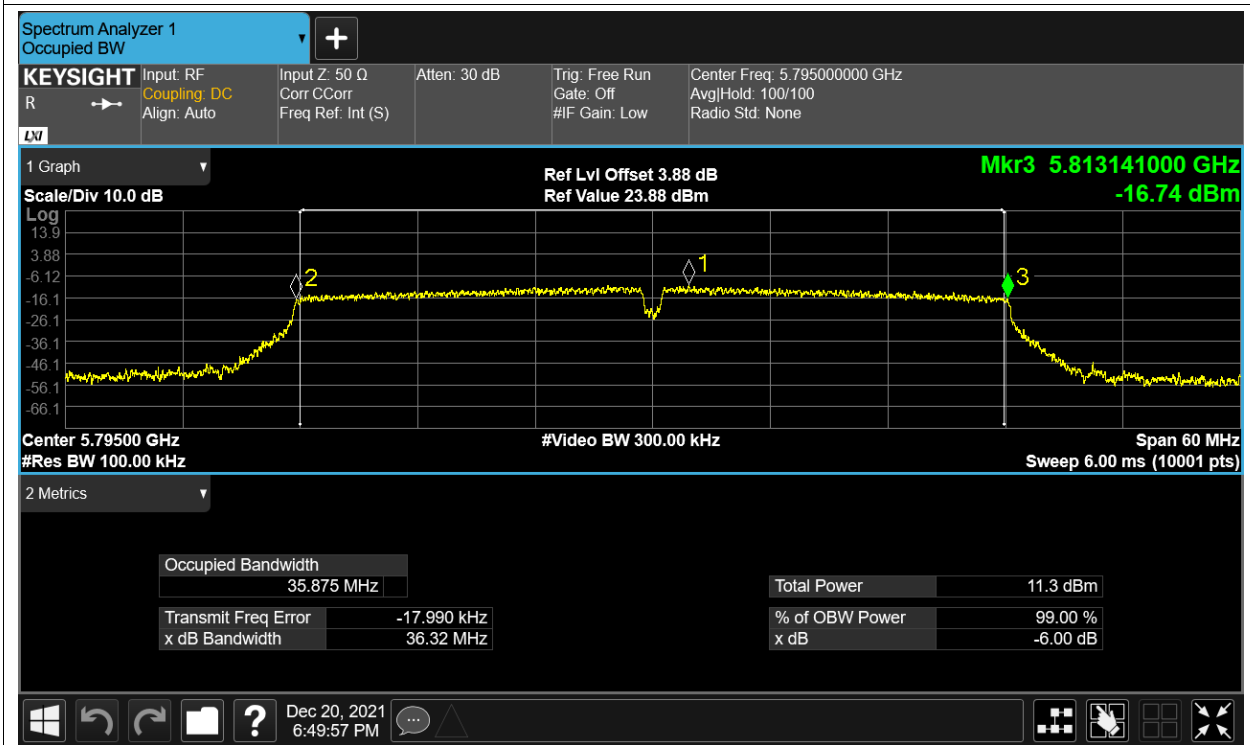
-6dB Bandwidth NVNT ac20 5825MHz Ant1



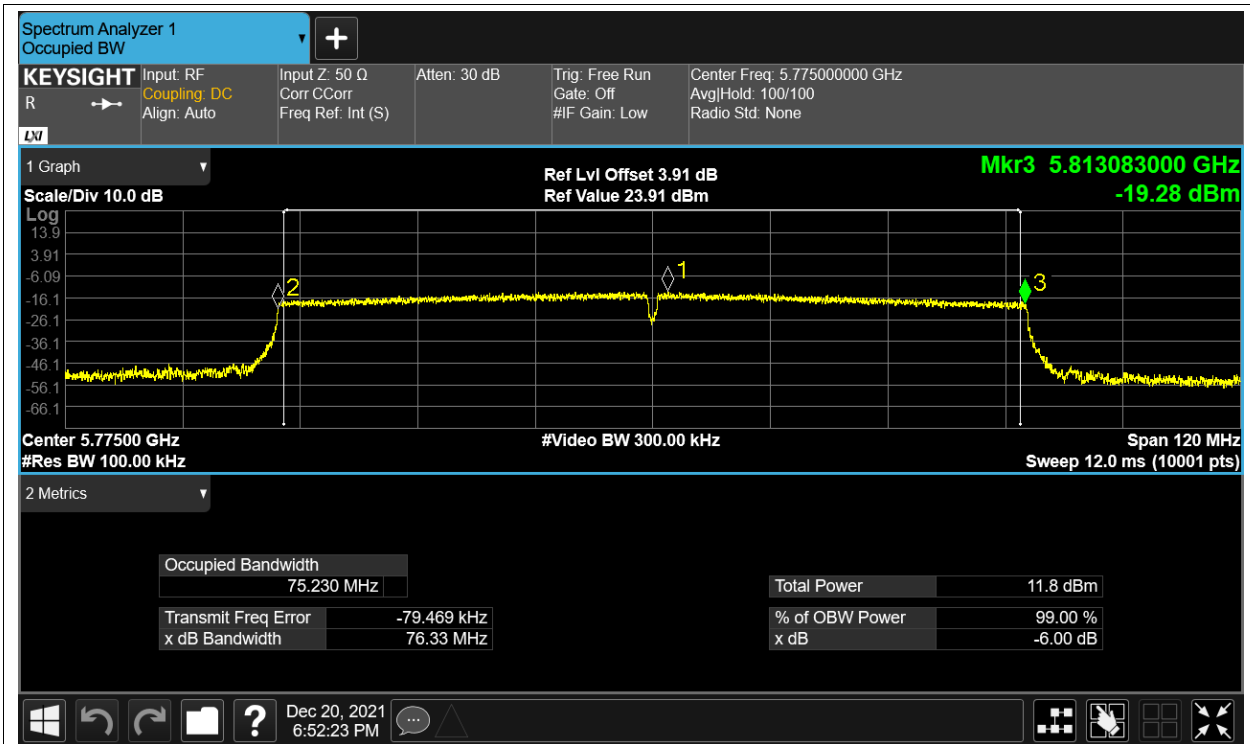
-6dB Bandwidth NVNT ac40 5755MHz Ant1



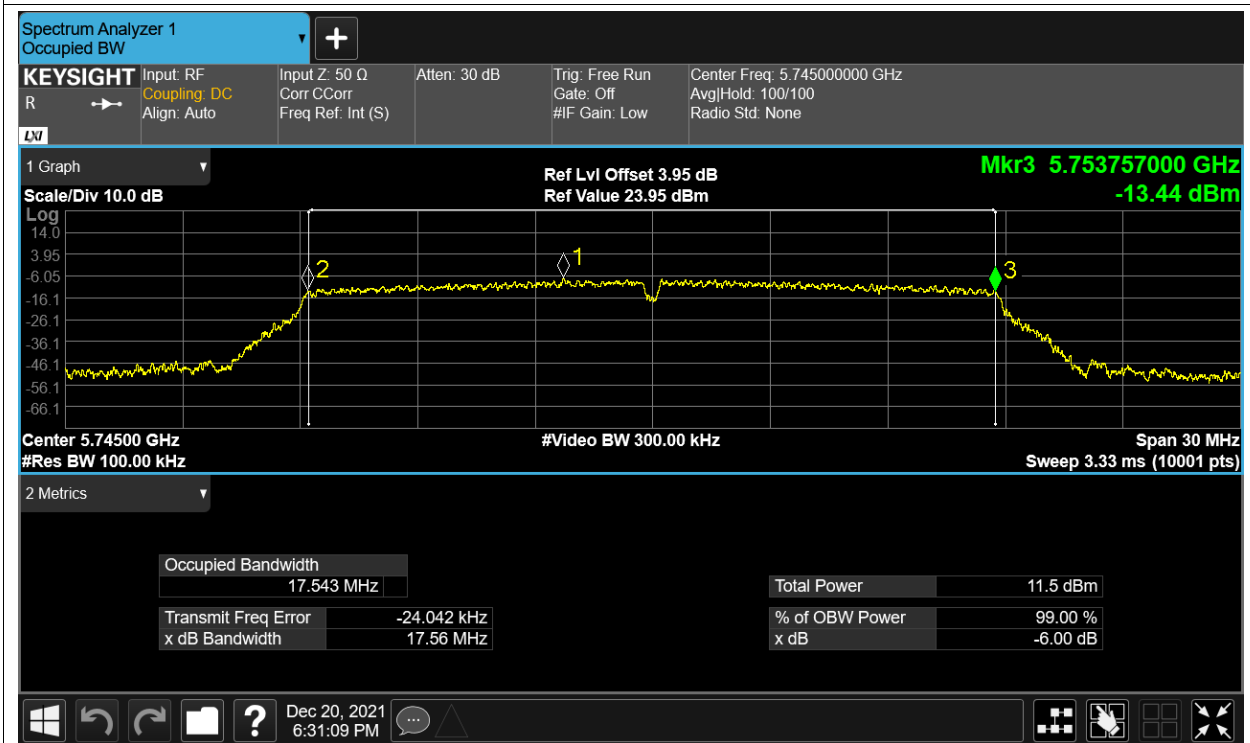
-6dB Bandwidth NVNT ac40 5795MHz Ant1



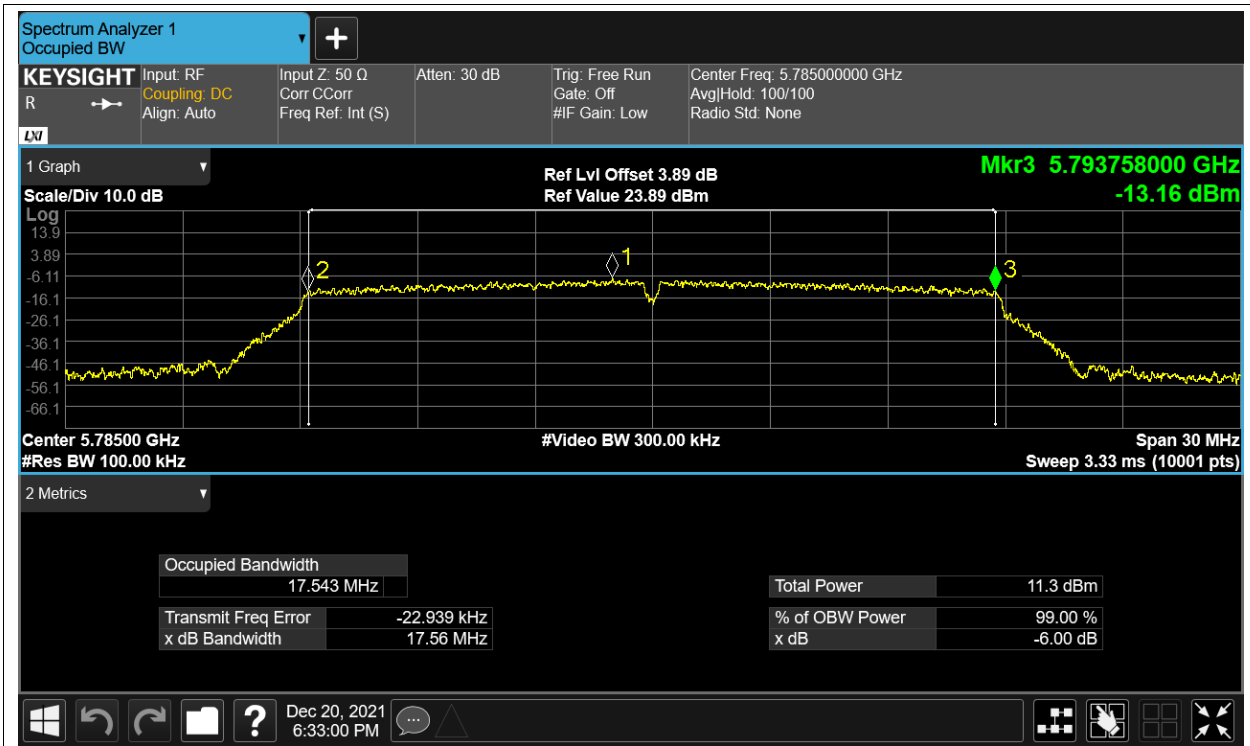
-6dB Bandwidth NVNT ac80 5775MHz Ant1



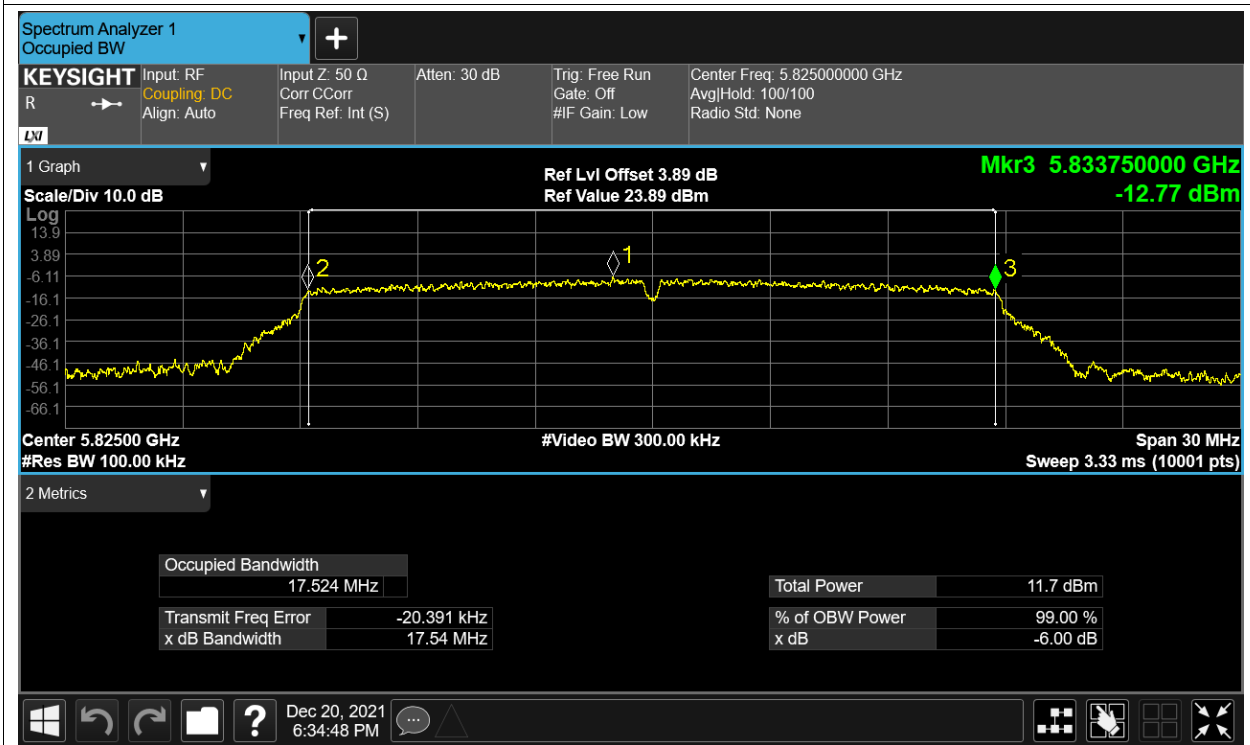
-6dB Bandwidth NVNT n20 5745MHz Ant1



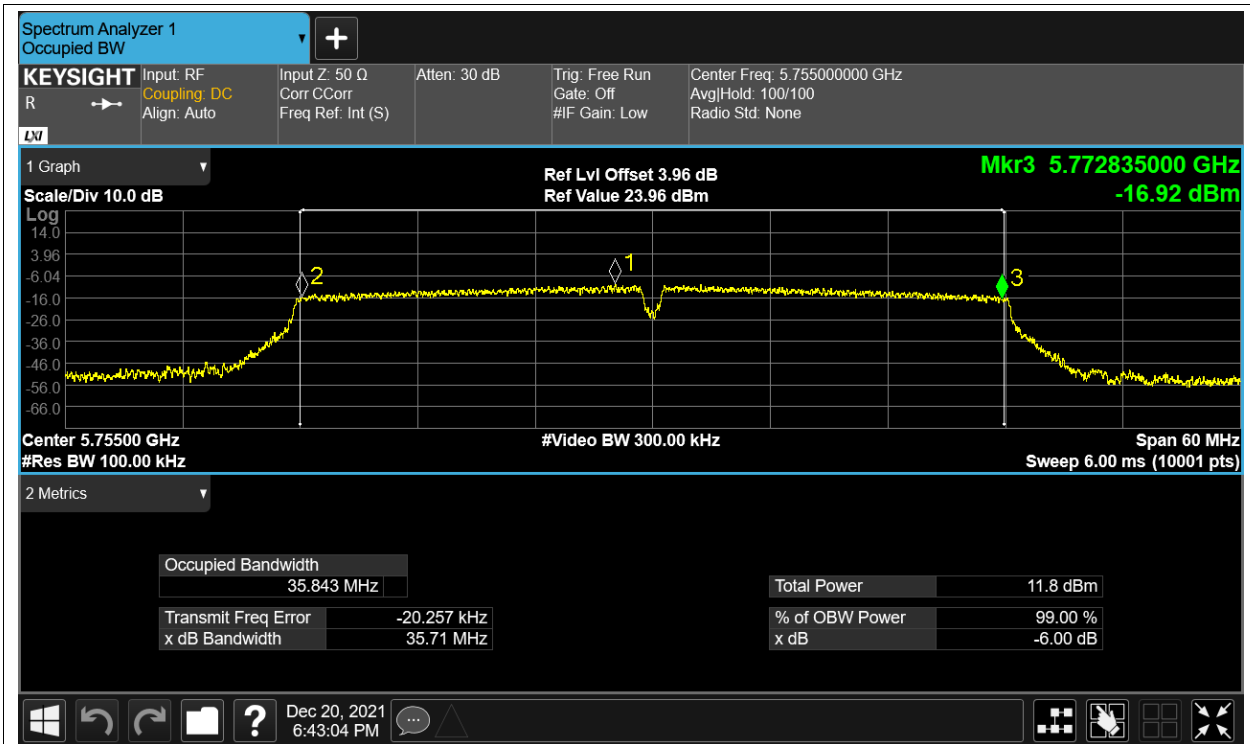
-6dB Bandwidth NVNT n20 5785MHz Ant1



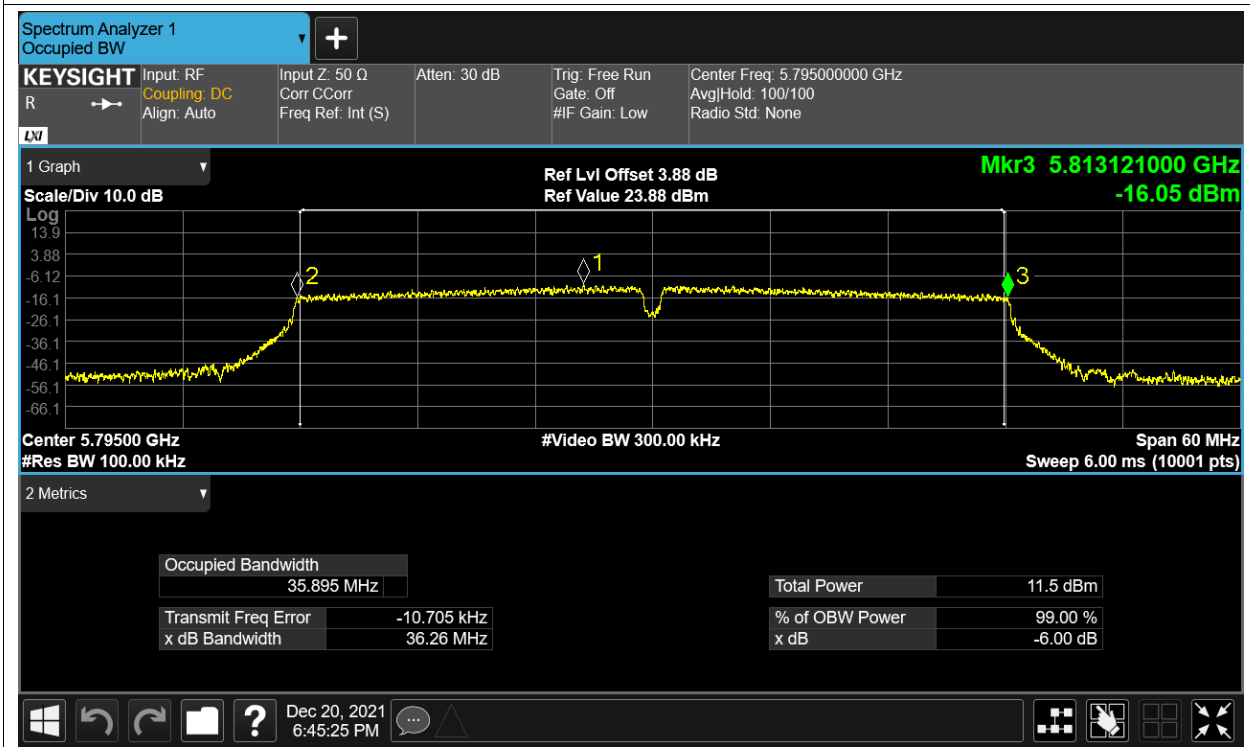
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

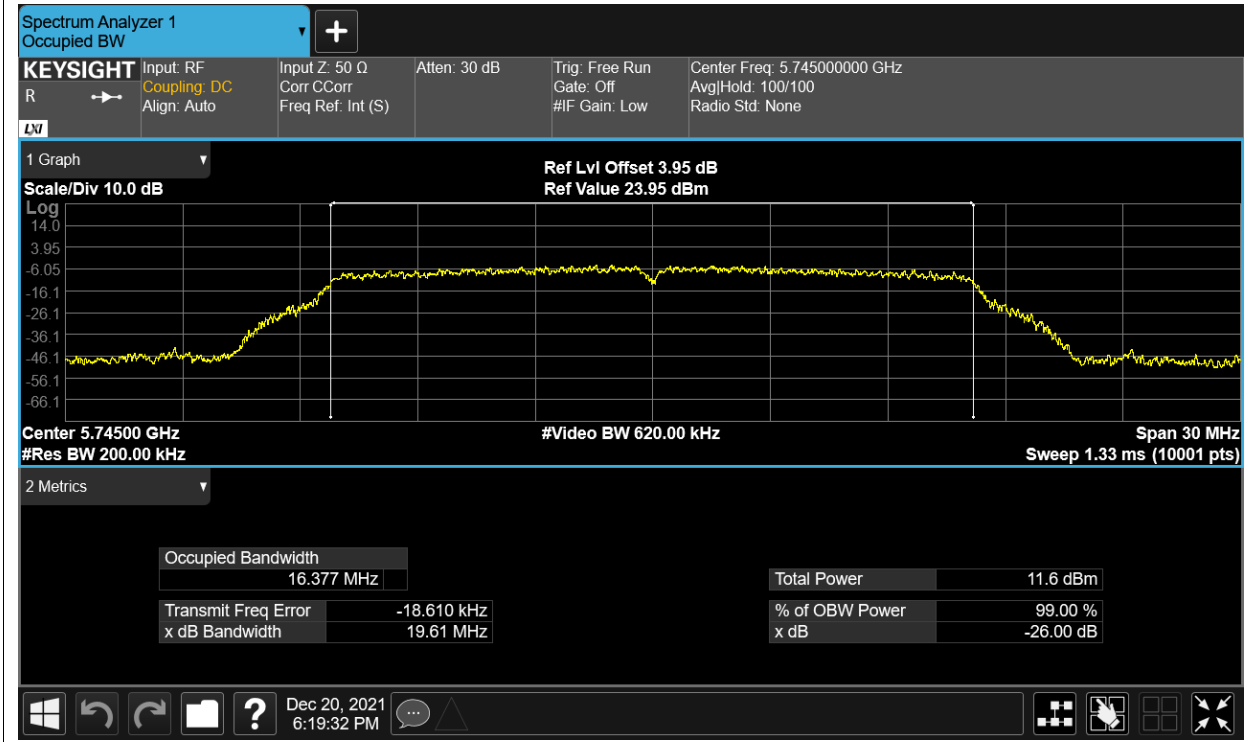


Occupied Channel Bandwidth

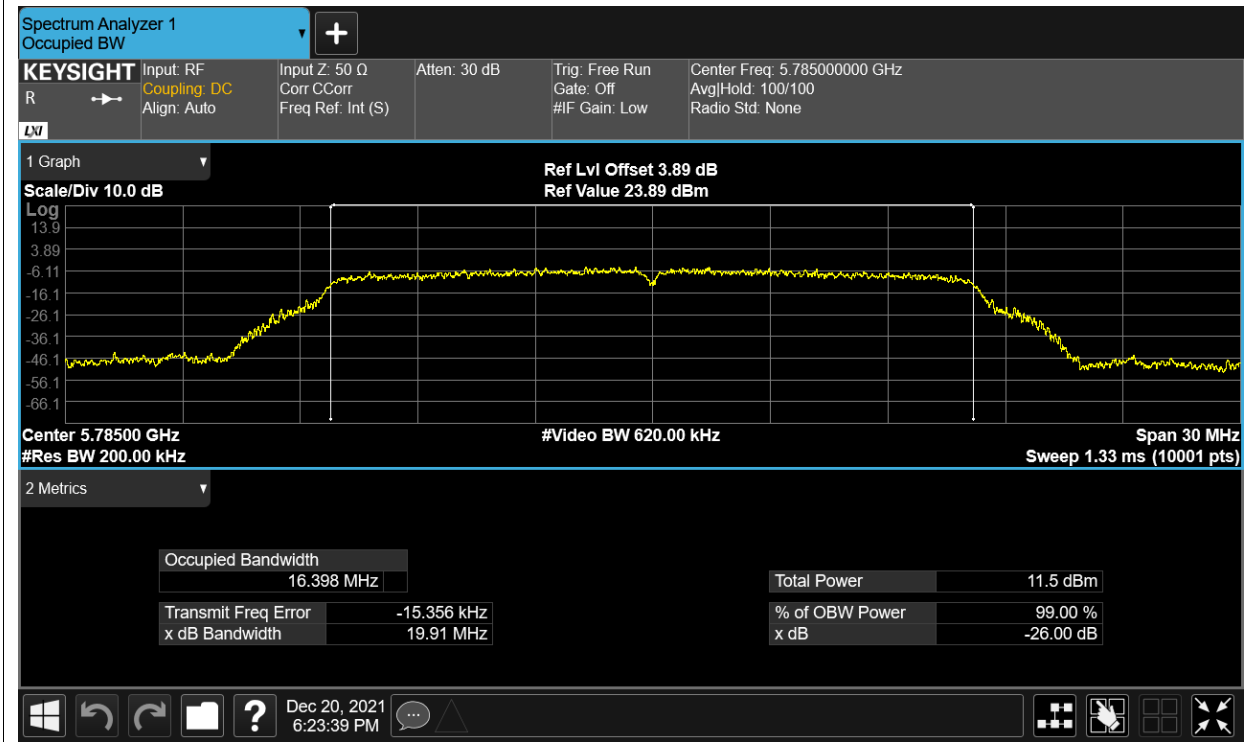
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.3767533
NVNT	a	5785	Ant1	16.39830286
NVNT	a	5825	Ant1	16.36097417
NVNT	ac20	5745	Ant1	17.53757228
NVNT	ac20	5785	Ant1	17.54843522
NVNT	ac20	5825	Ant1	17.55484663
NVNT	ac40	5755	Ant1	35.91871907
NVNT	ac40	5795	Ant1	35.93814542
NVNT	ac80	5775	Ant1	75.19418808
NVNT	n20	5745	Ant1	17.5493408
NVNT	n20	5785	Ant1	17.54346776
NVNT	n20	5825	Ant1	17.53169623
NVNT	n40	5755	Ant1	35.91959233
NVNT	n40	5795	Ant1	35.96320955

Test Graphs

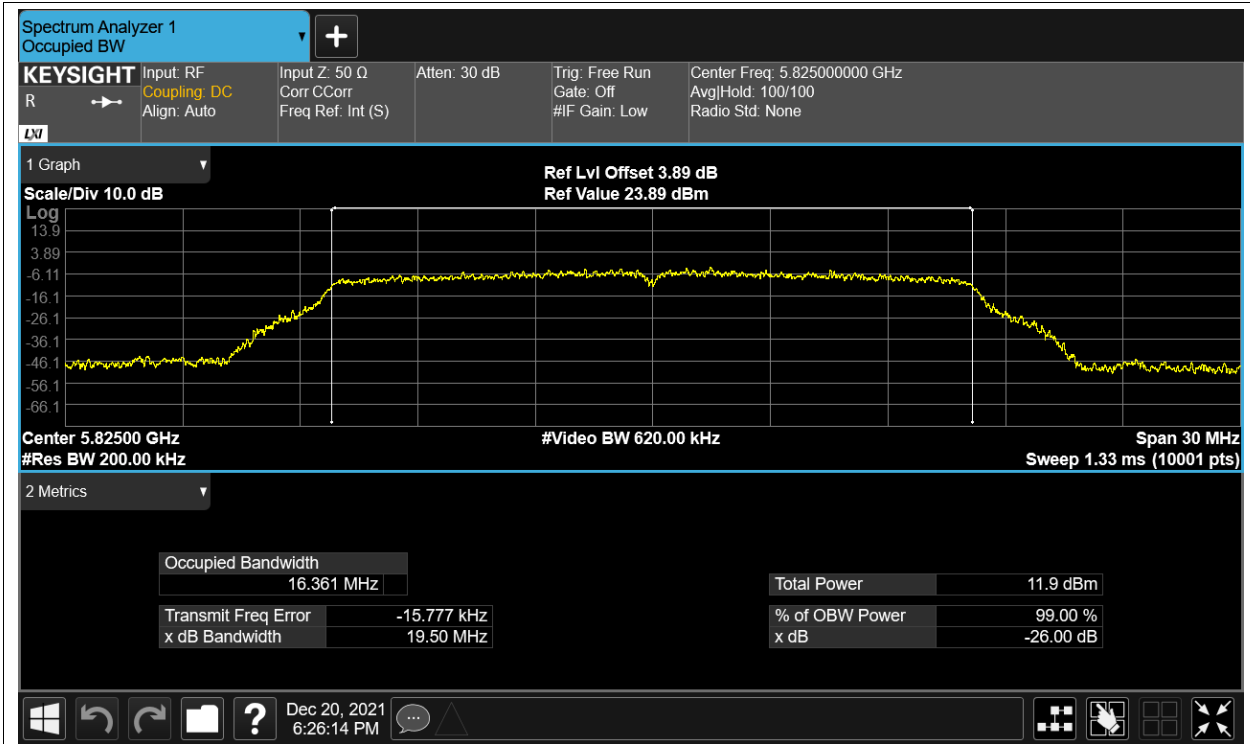
OBW NVNT a 5745MHz Ant1



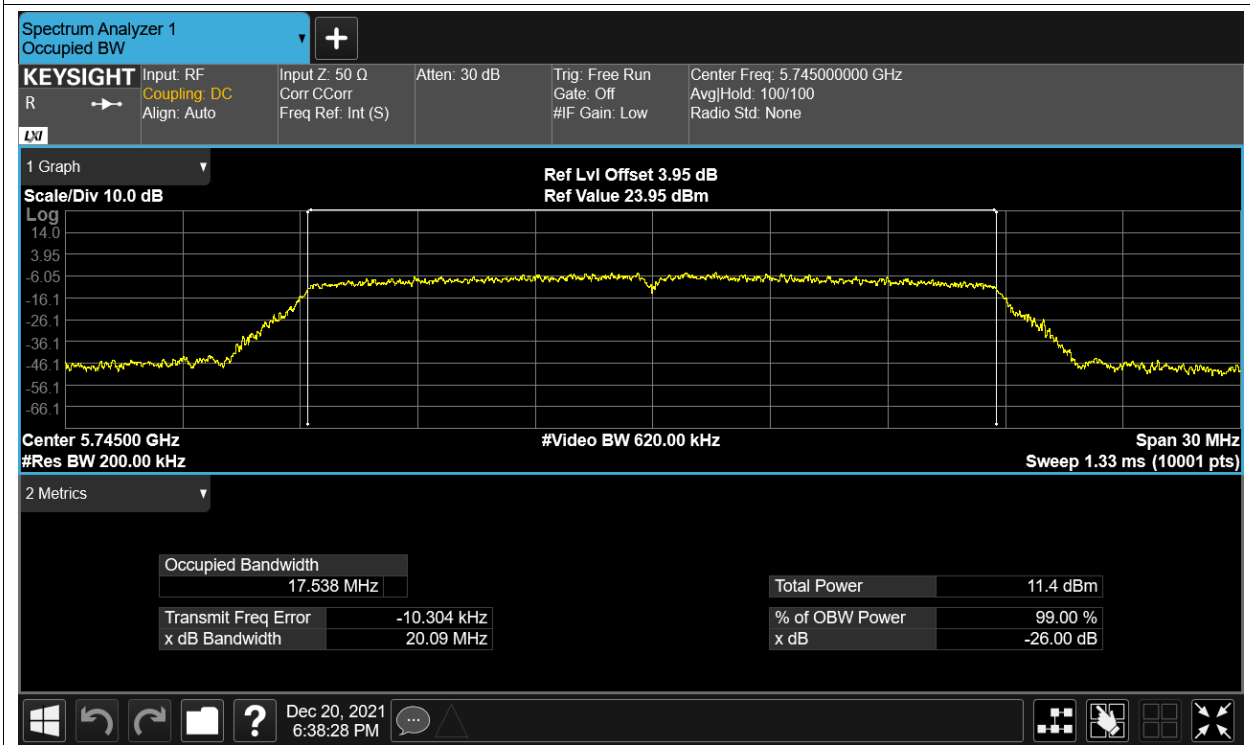
OBW NVNT a 5785MHz Ant1



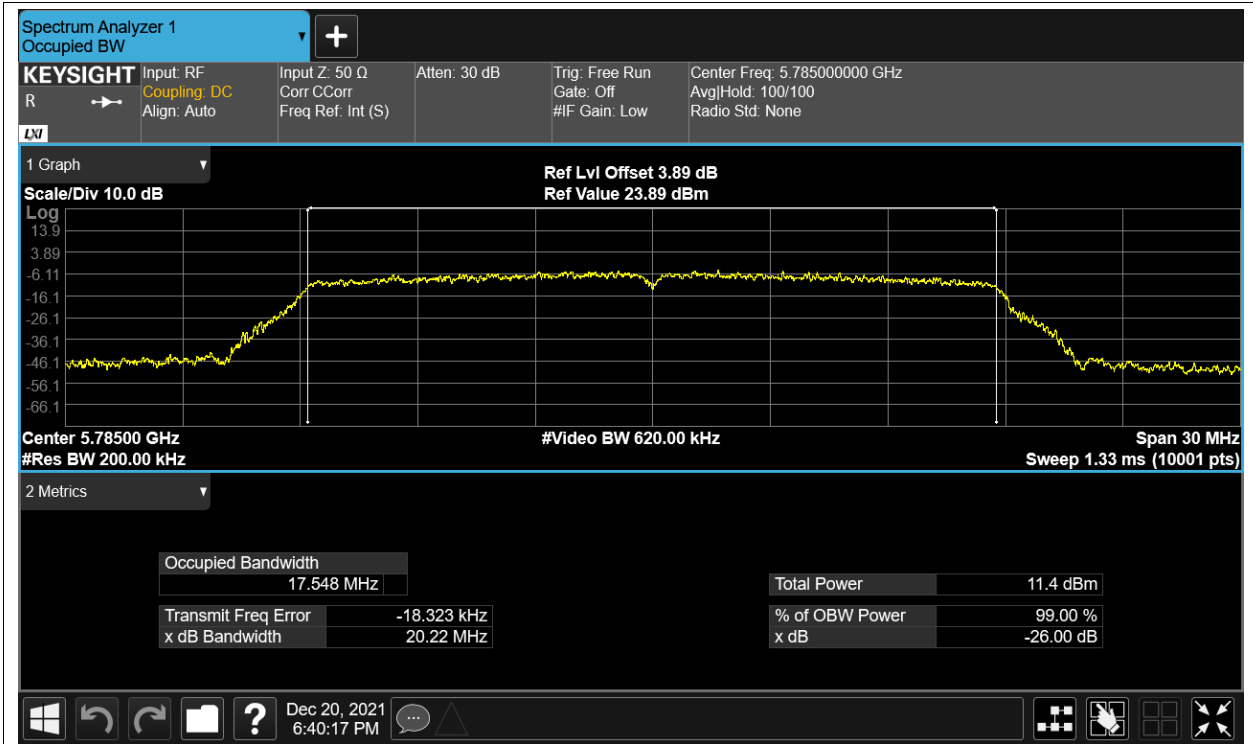
OBW NVNT a 5825MHz Ant1



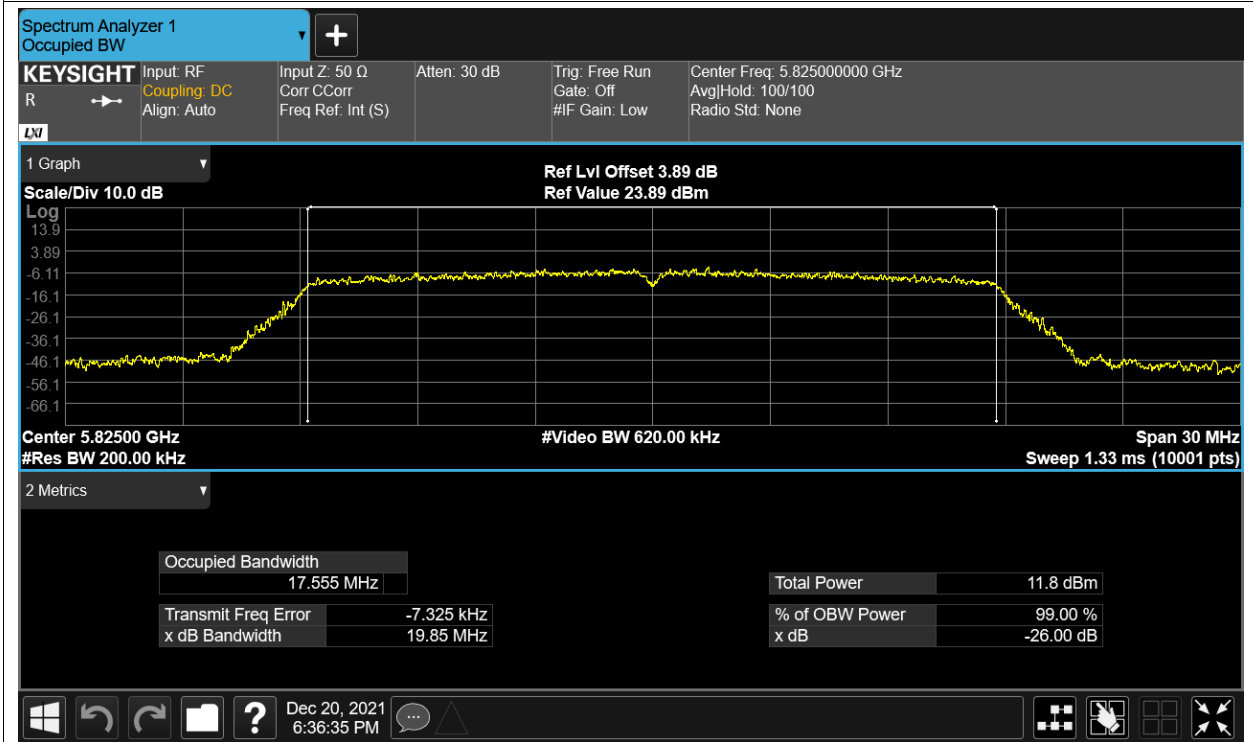
OBW NVNT ac20 5745MHz Ant1



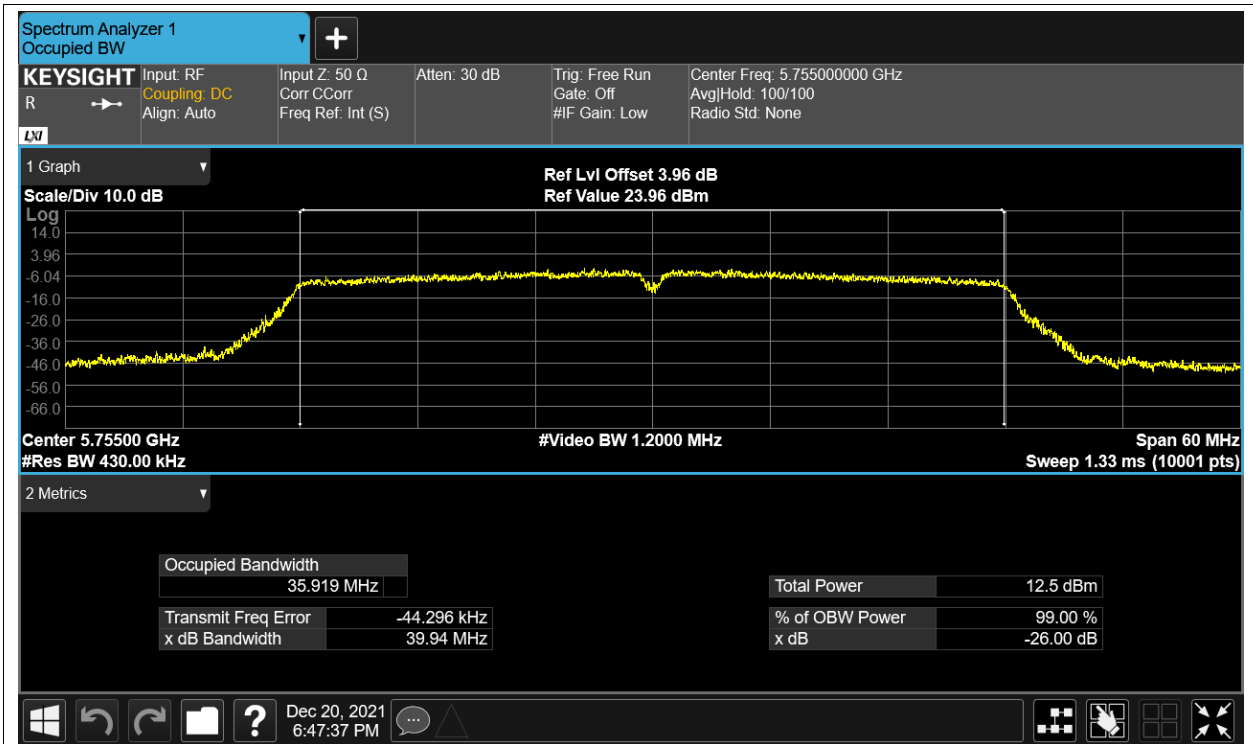
OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



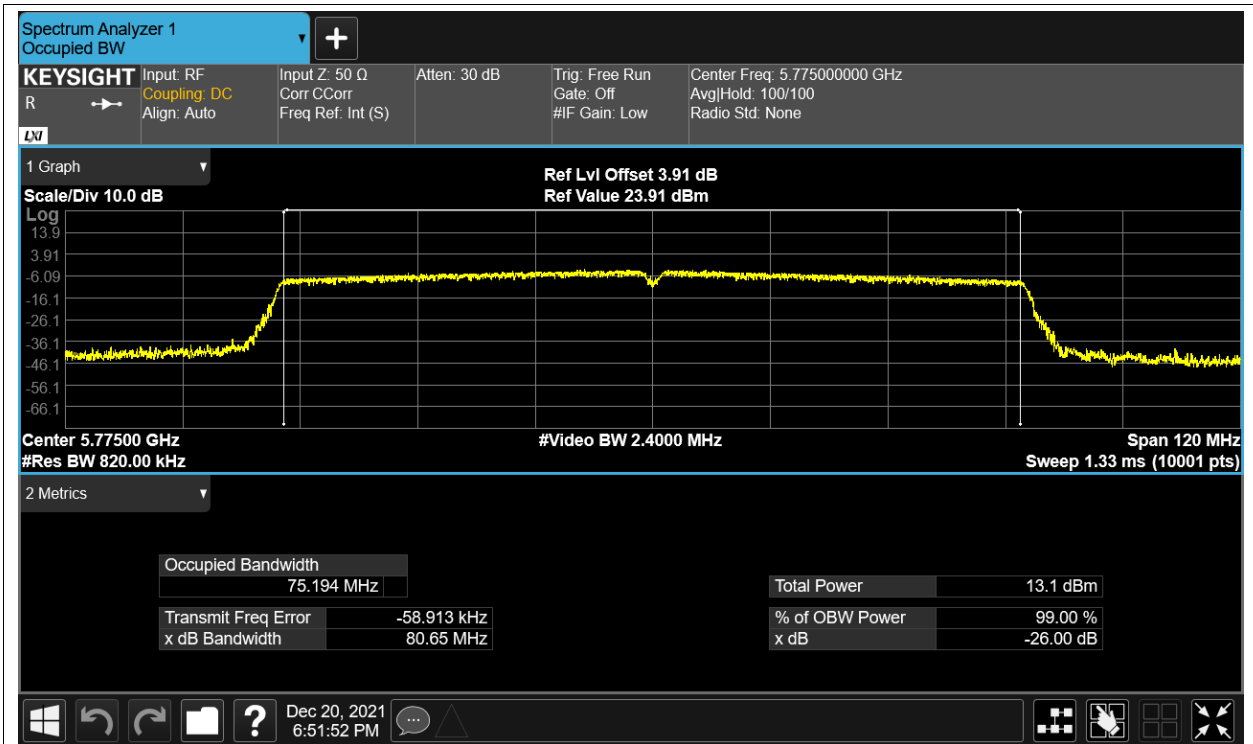
OBW NVNT ac40 5755MHz Ant1



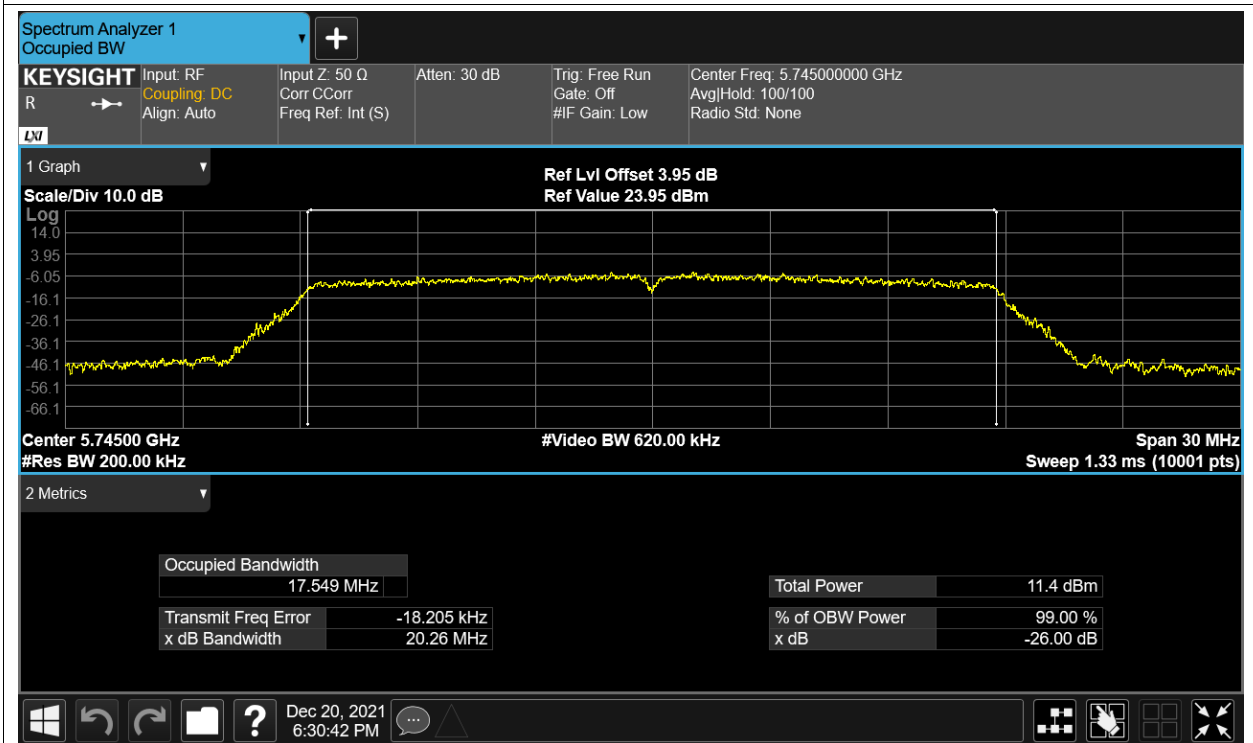
OBW NVNT ac40 5795MHz Ant1



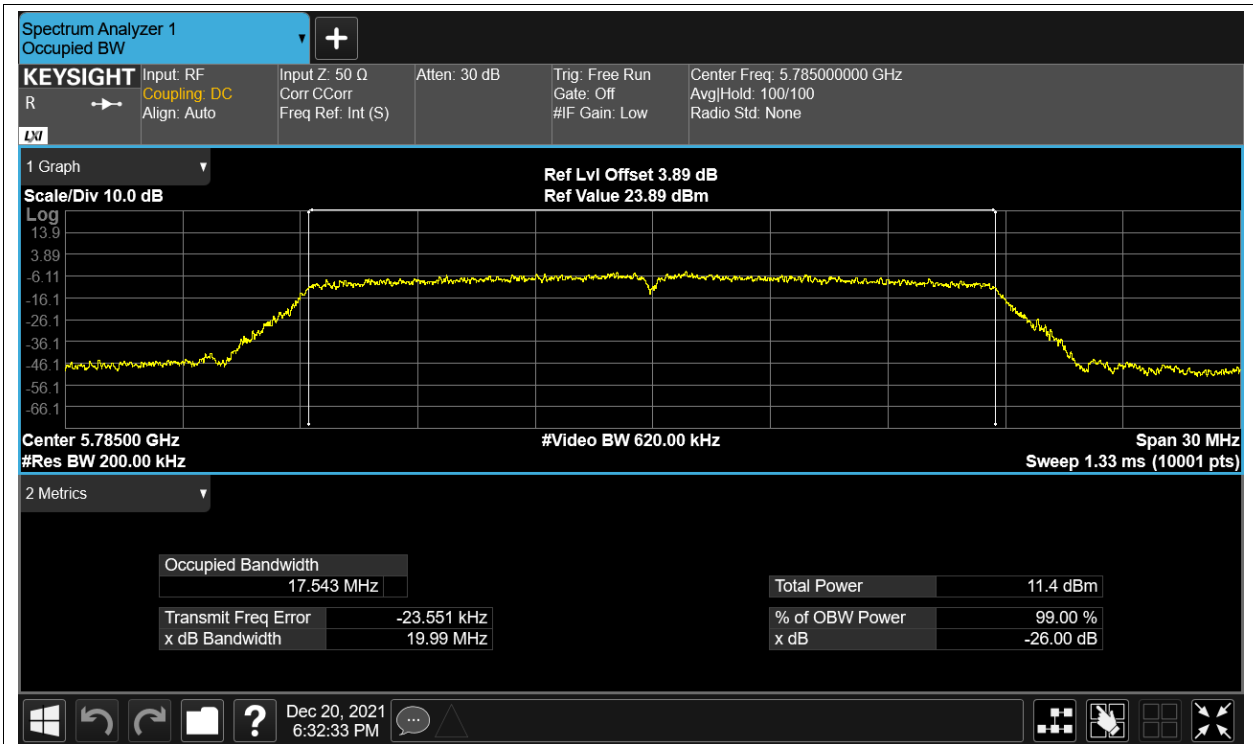
OBW NVNT ac80 5775MHz Ant1



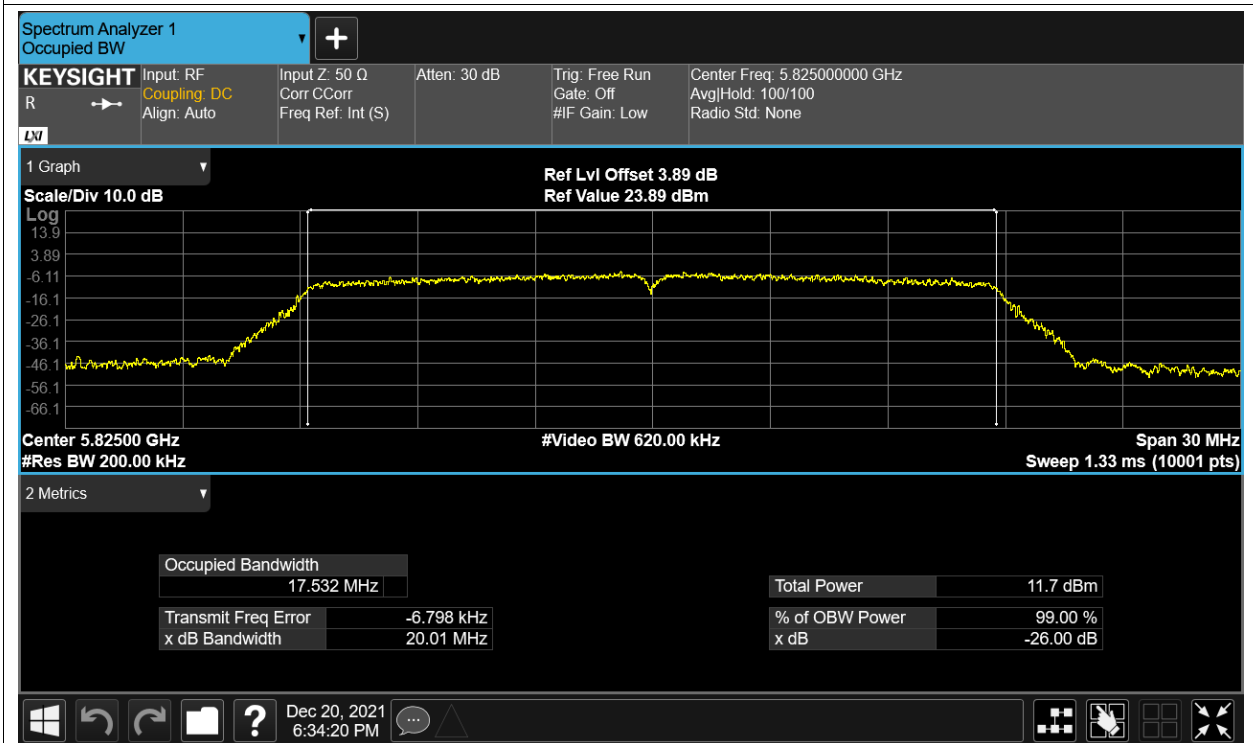
OBW NVNT n20 5745MHz Ant1



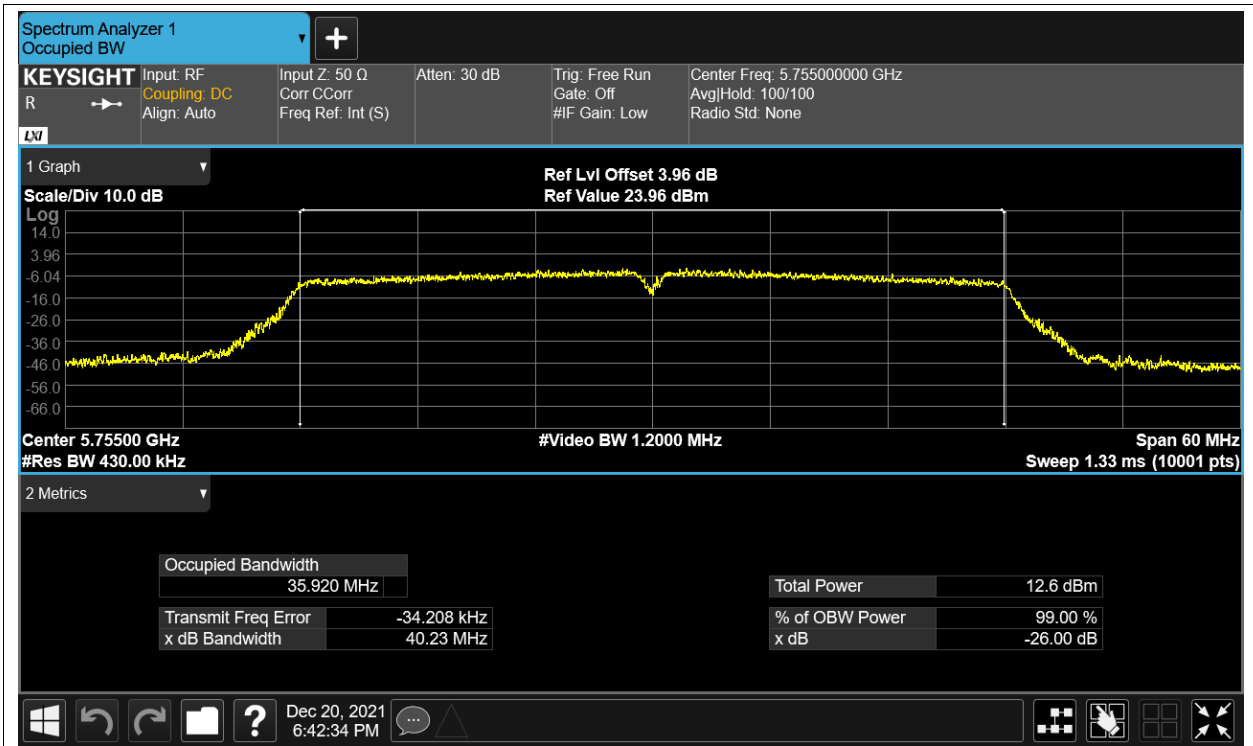
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

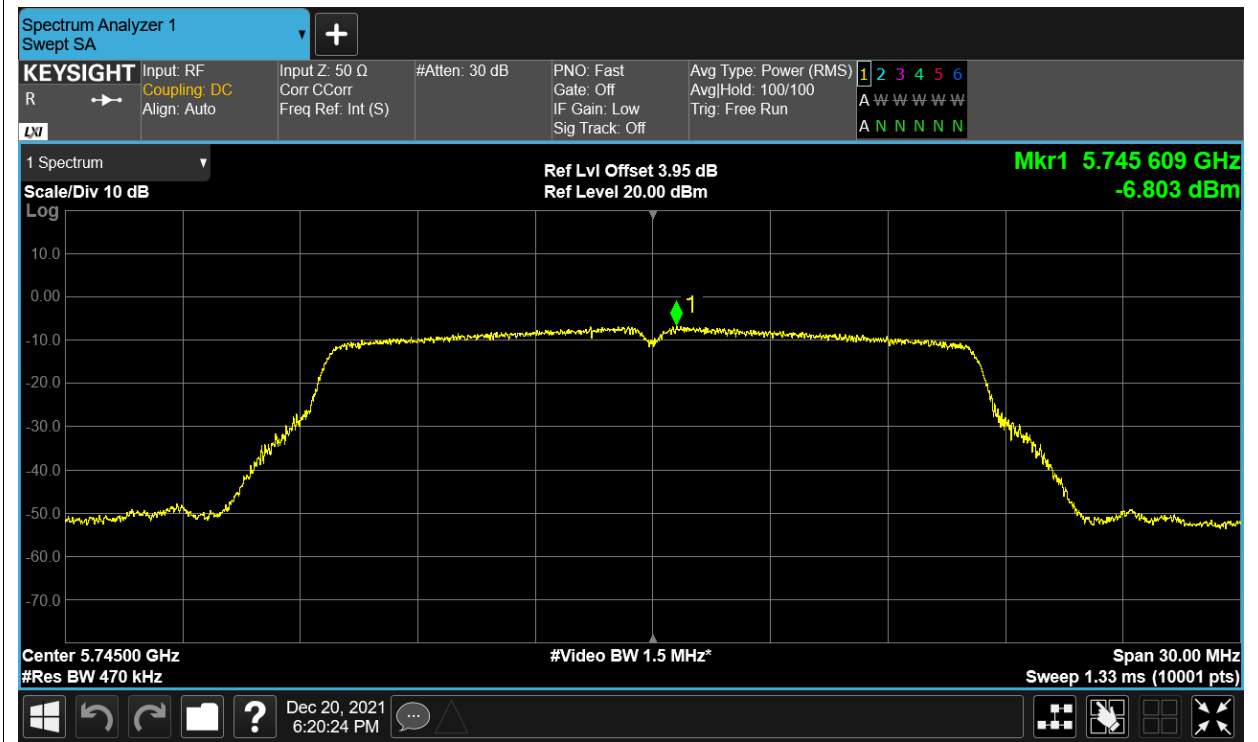


Maximum Power Spectral Density Level

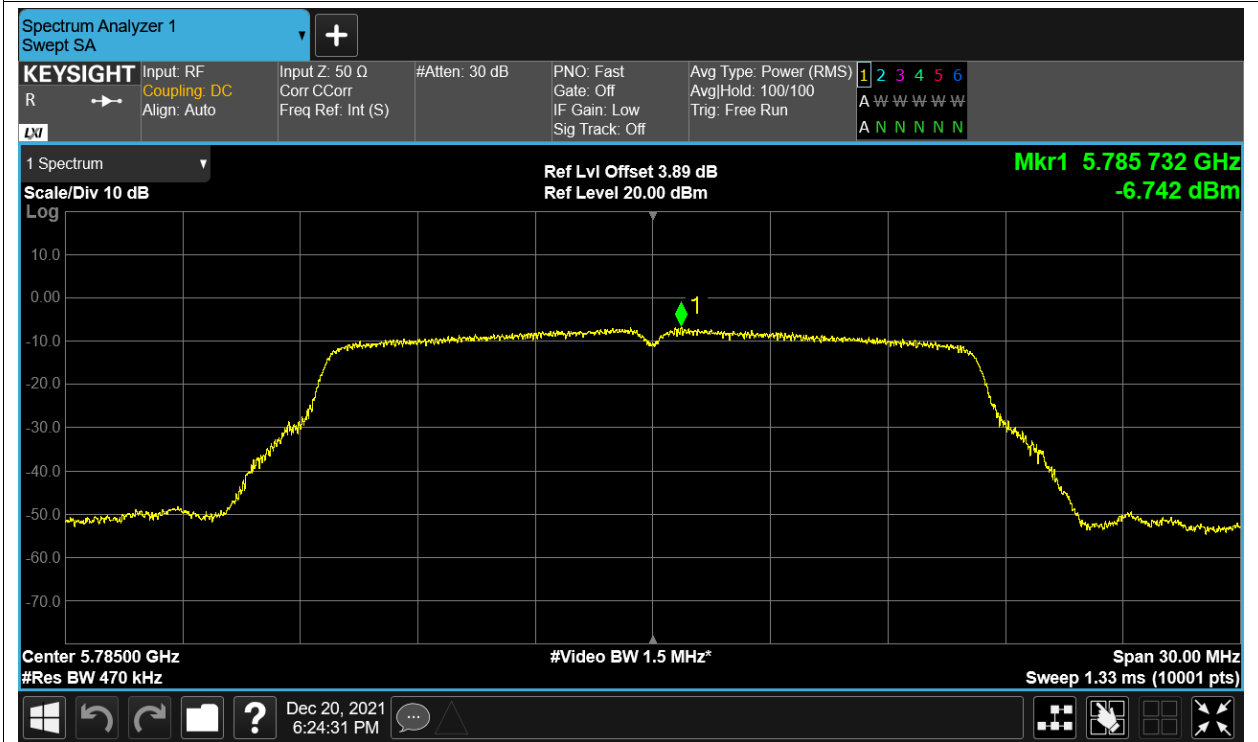
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-6.803	30	Pass
NVNT	a	5785	Ant1	-6.742	30	Pass
NVNT	a	5825	Ant1	-6.476	30	Pass
NVNT	ac20	5745	Ant1	-7.07	30	Pass
NVNT	ac20	5785	Ant1	-7.447	30	Pass
NVNT	ac20	5825	Ant1	-6.898	30	Pass
NVNT	ac40	5755	Ant1	-9.254	30	Pass
NVNT	ac40	5795	Ant1	-9.356	30	Pass
NVNT	ac80	5775	Ant1	-12.669	30	Pass
NVNT	n20	5745	Ant1	-6.858	30	Pass
NVNT	n20	5785	Ant1	-7.217	30	Pass
NVNT	n20	5825	Ant1	-6.687	30	Pass
NVNT	n40	5755	Ant1	-8.866	30	Pass
NVNT	n40	5795	Ant1	-9.457	30	Pass

Test Graphs

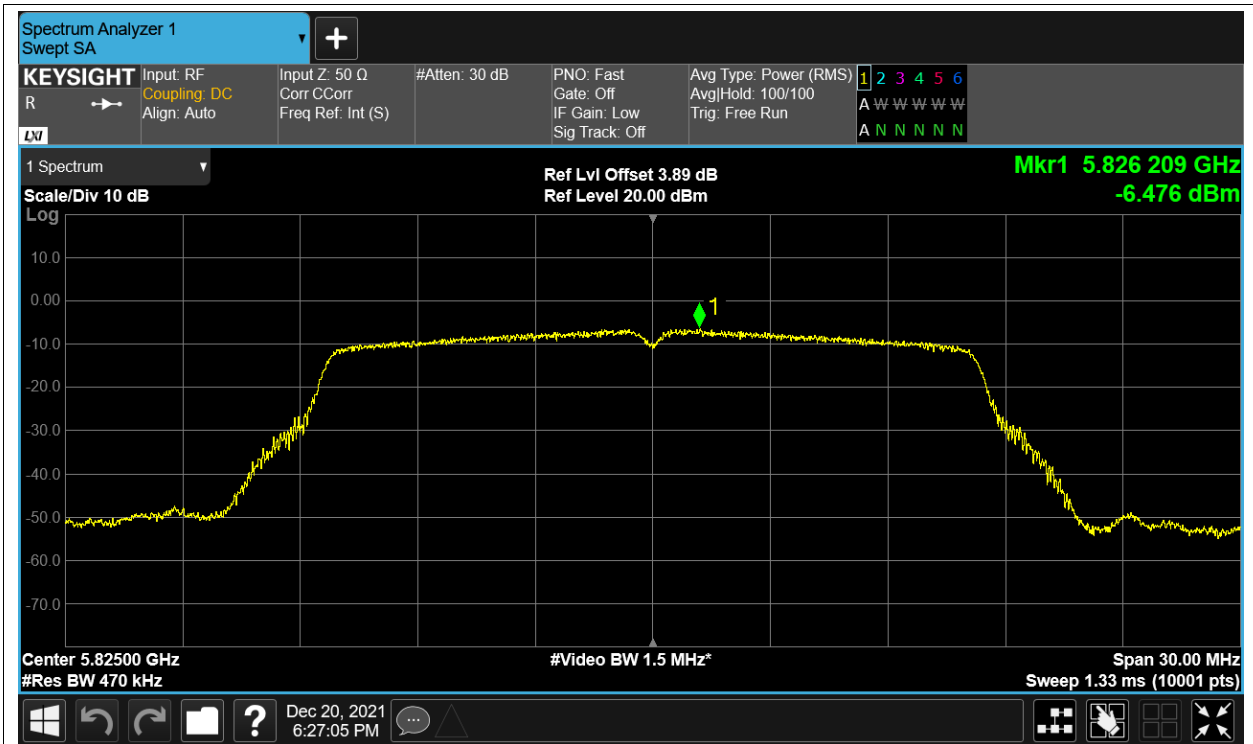
PSD NVNT a 5745MHz Ant1



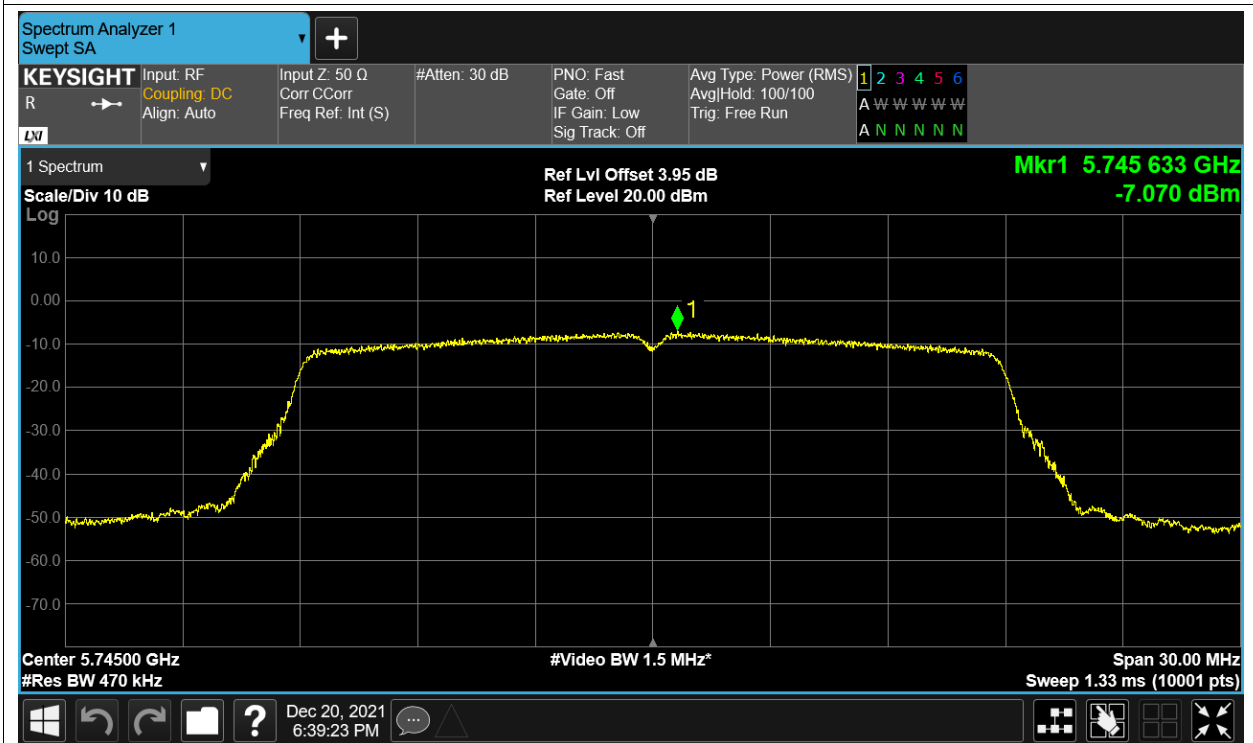
PSD NVNT a 5785MHz Ant1



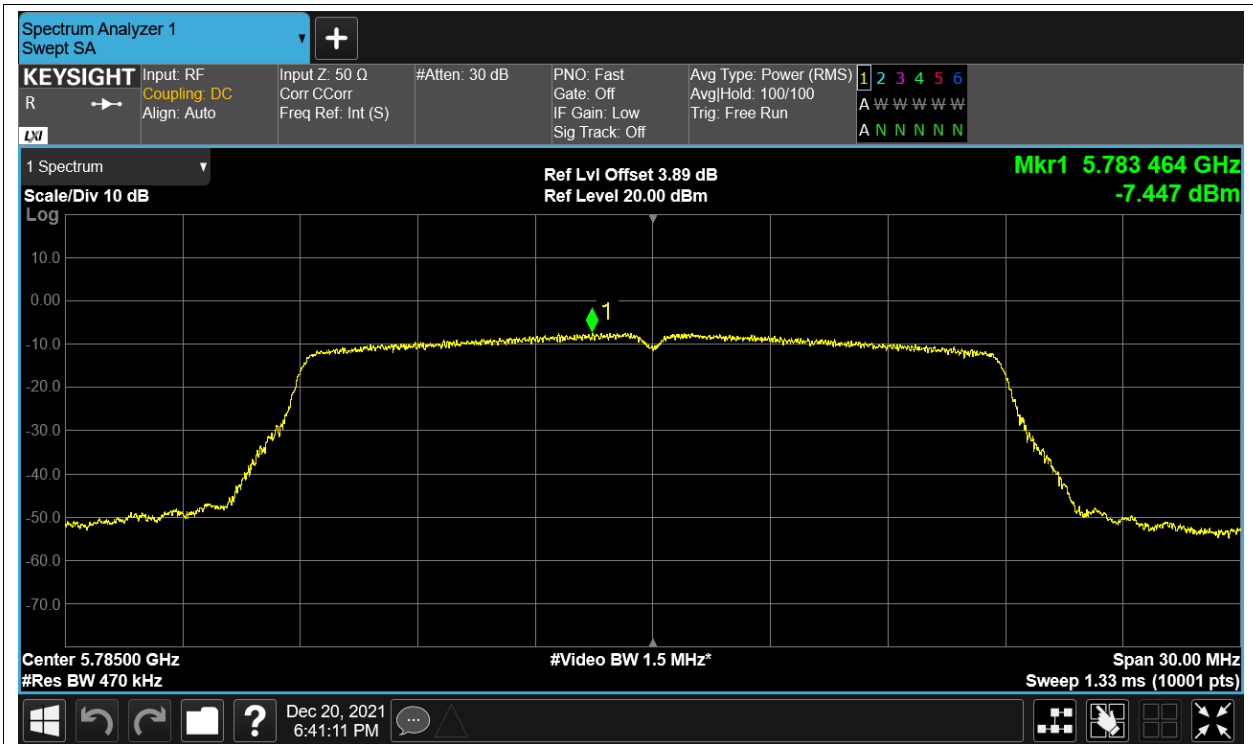
PSD NVNT a 5825MHz Ant1



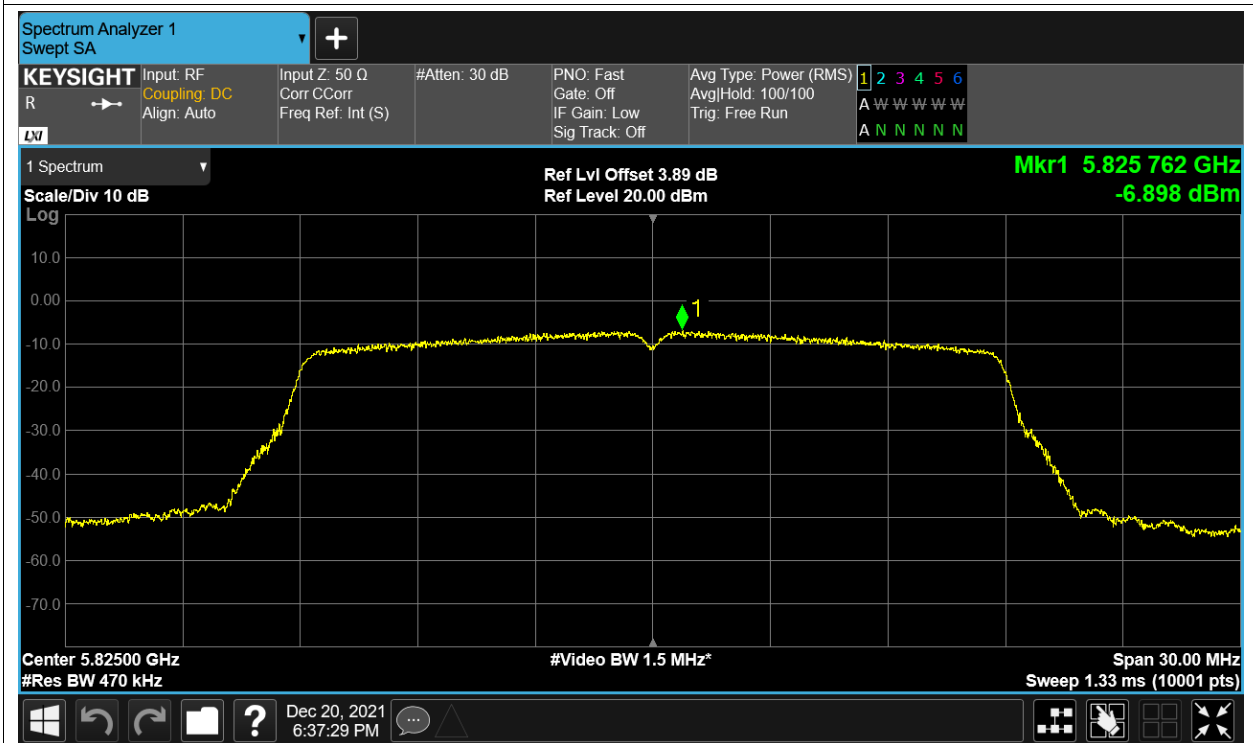
PSD NVNT ac20 5745MHz Ant1



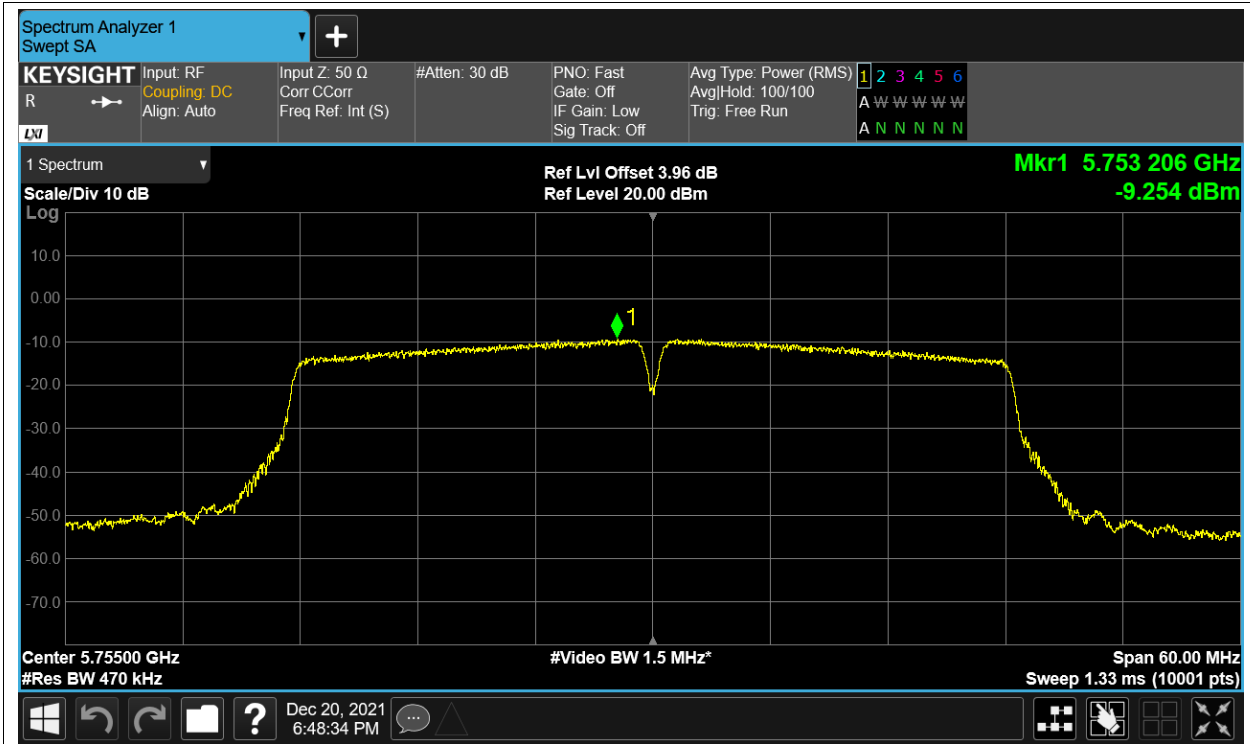
PSD NVNT ac20 5785MHz Ant1



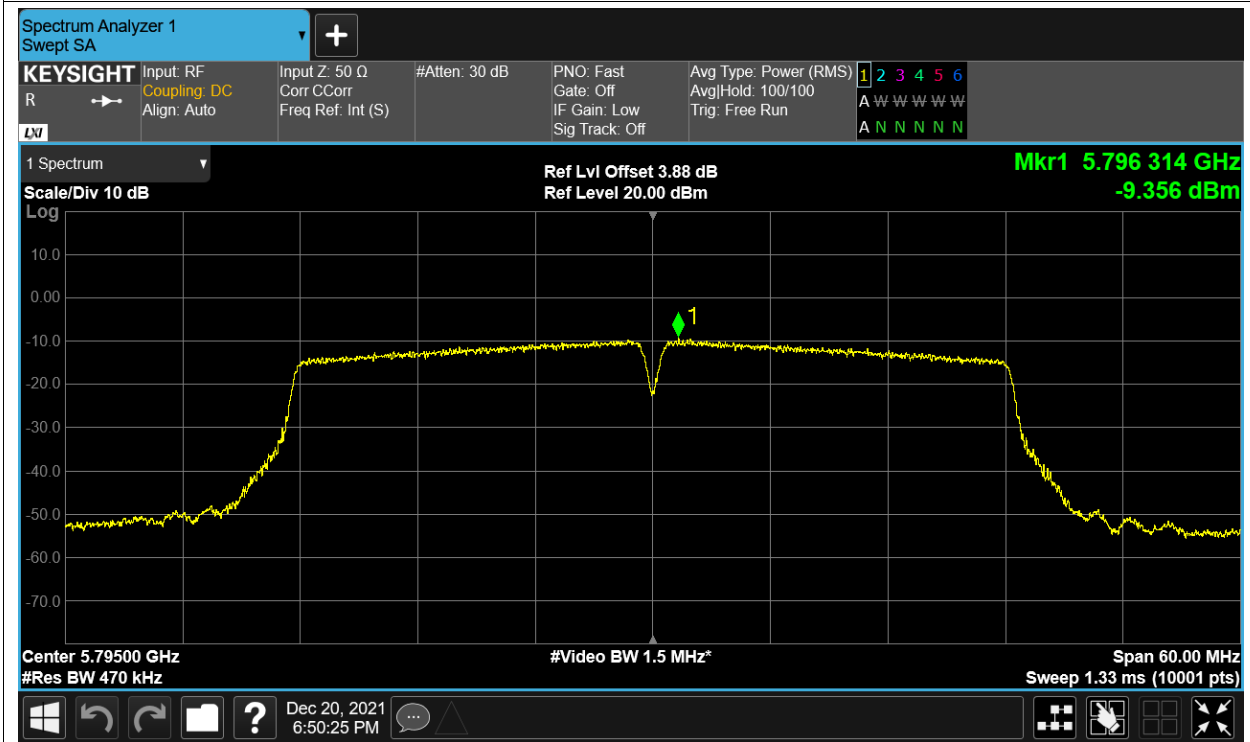
PSD NVNT ac20 5825MHz Ant1



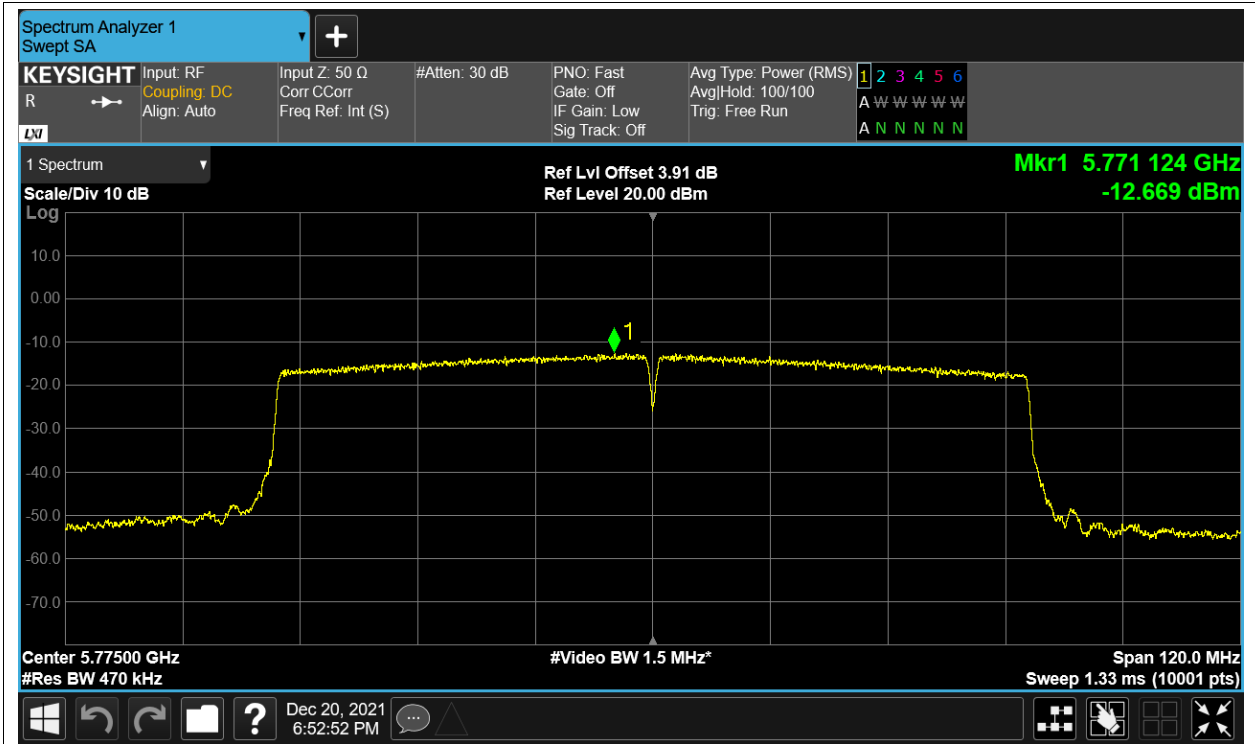
PSD NVNT ac40 5755MHz Ant1



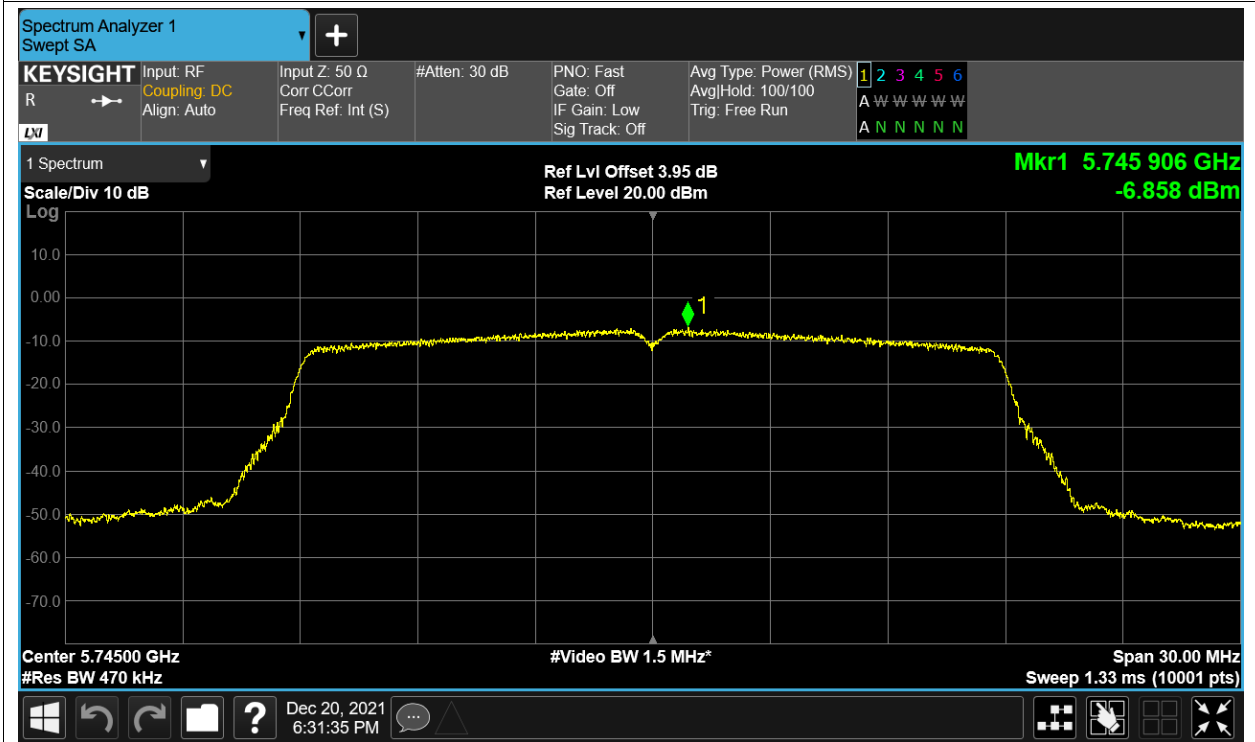
PSD NVNT ac40 5795MHz Ant1



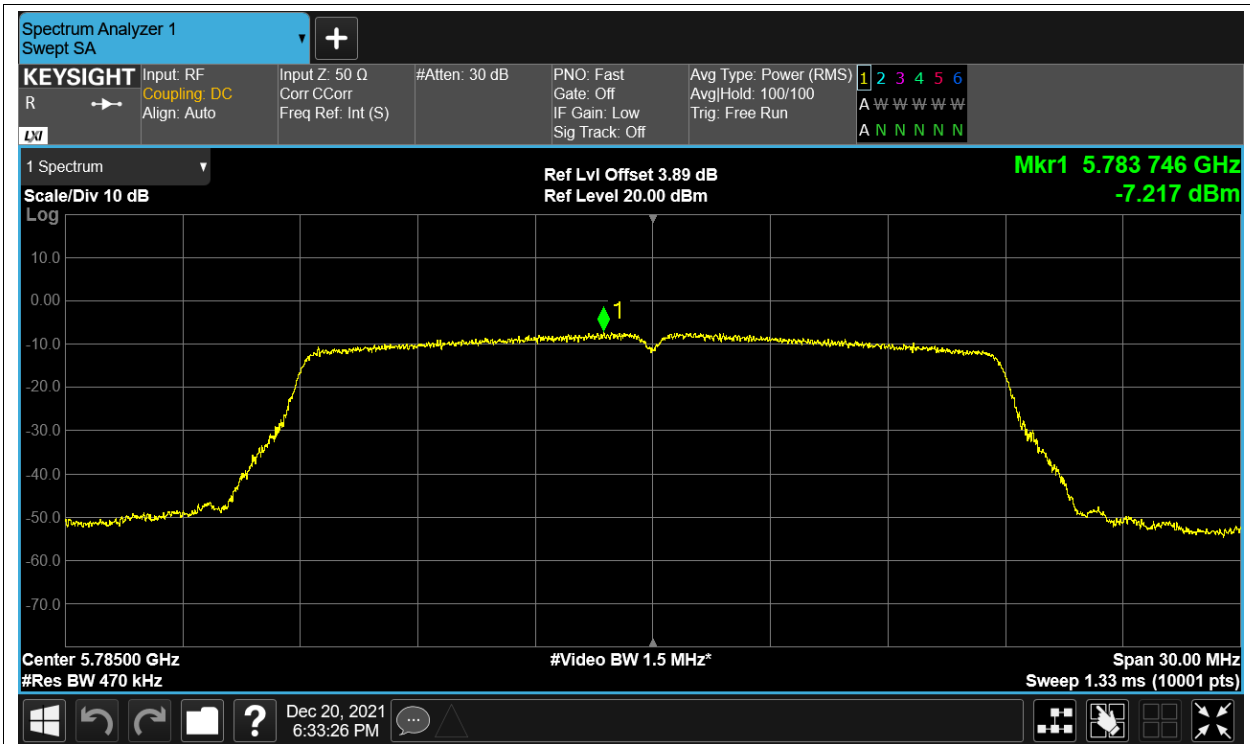
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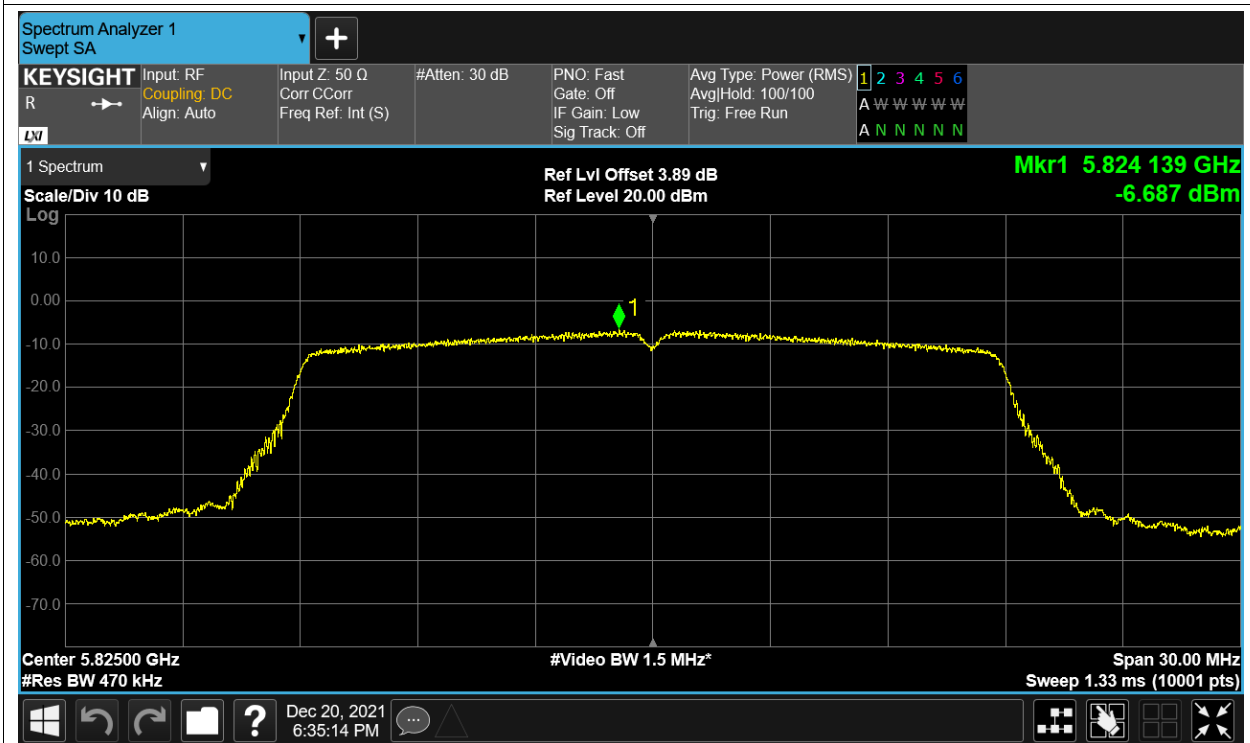
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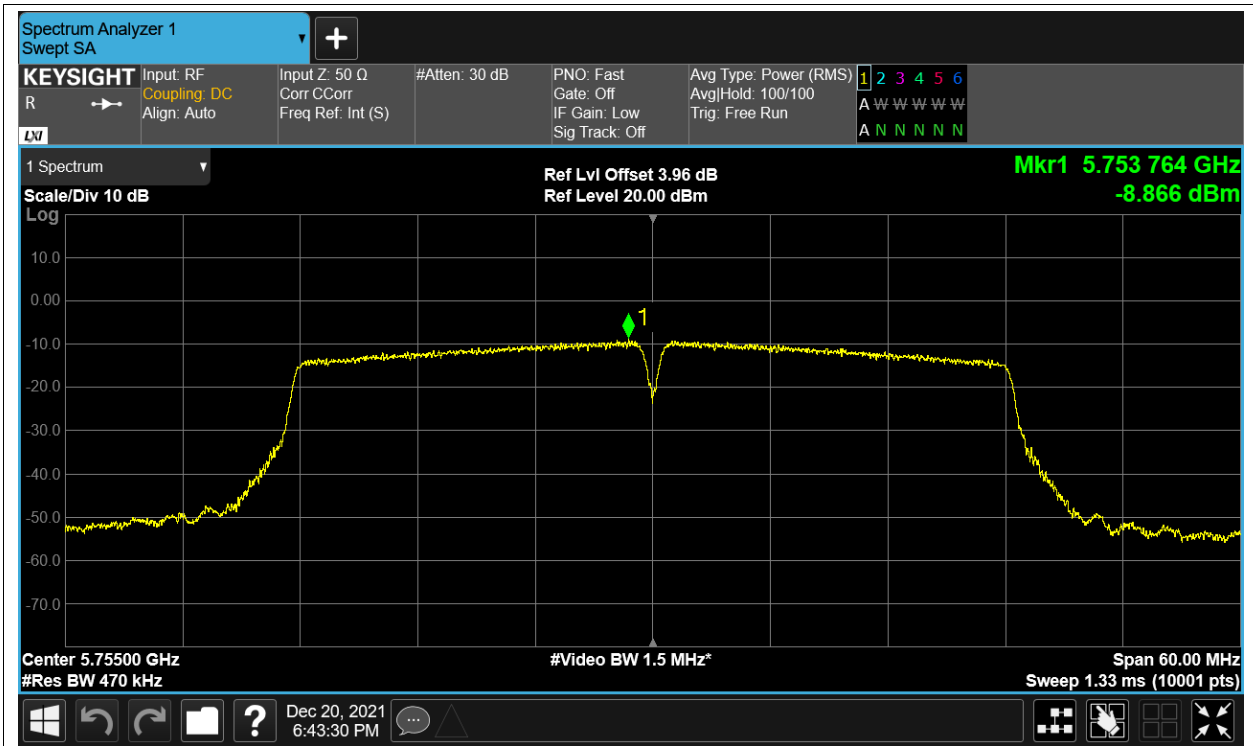
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

