

## Test Data

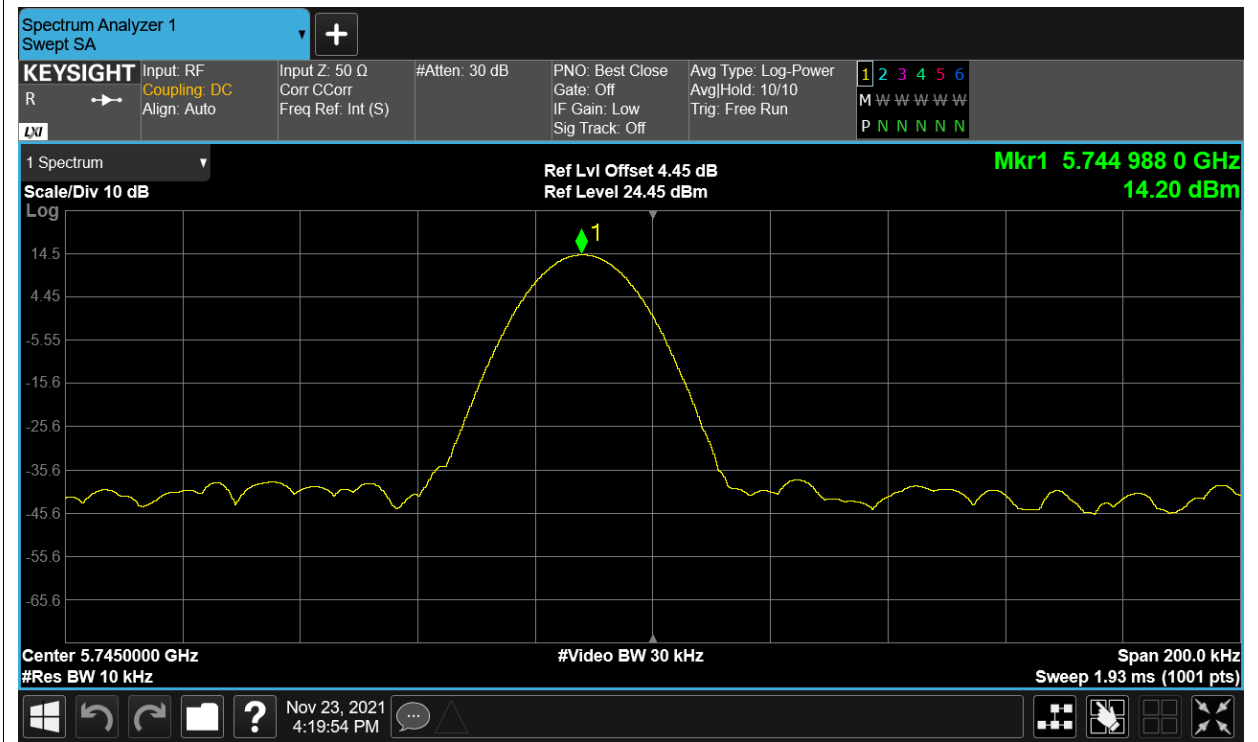
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	Ant1	5744.988	-2.09	25	Pass
HVLT	a	5745	Ant1	5744.9884	-2.02	25	Pass
LVHT	a	5745	Ant1	5744.989	-1.91	25	Pass
LVLT	a	5745	Ant1	5744.9896	-1.81	25	Pass
NVNT	a	5745	Ant1	5744.991	-1.57	25	Pass
HVHT	ac80	5775	Ant1	5774.9864	-2.35	25	Pass
HVLT	ac80	5775	Ant1	5774.9866	-2.32	25	Pass
LVHT	ac80	5775	Ant1	5774.9872	-2.22	25	Pass
LVLT	ac80	5775	Ant1	5774.9878	-2.11	25	Pass
NVNT	ac80	5775	Ant1	5774.9882	-2.04	25	Pass
HVHT	n40	5755	Ant1	5754.9868	-2.29	25	Pass
HVLT	n40	5755	Ant1	5754.987	-2.26	25	Pass
LVHT	n40	5755	Ant1	5754.9874	-2.19	25	Pass
LVLT	n40	5755	Ant1	5754.9876	-2.15	25	Pass
NVNT	n40	5755	Ant1	5754.988	-2.09	25	Pass

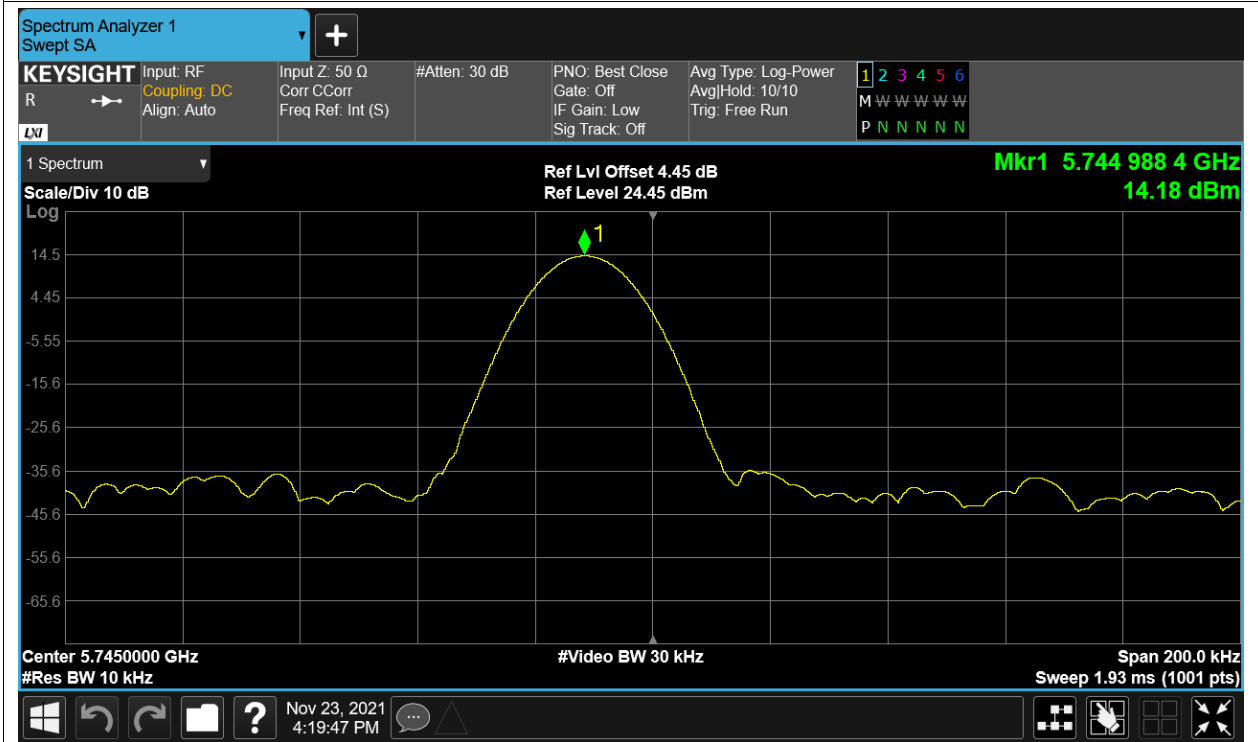
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

Test Graphs

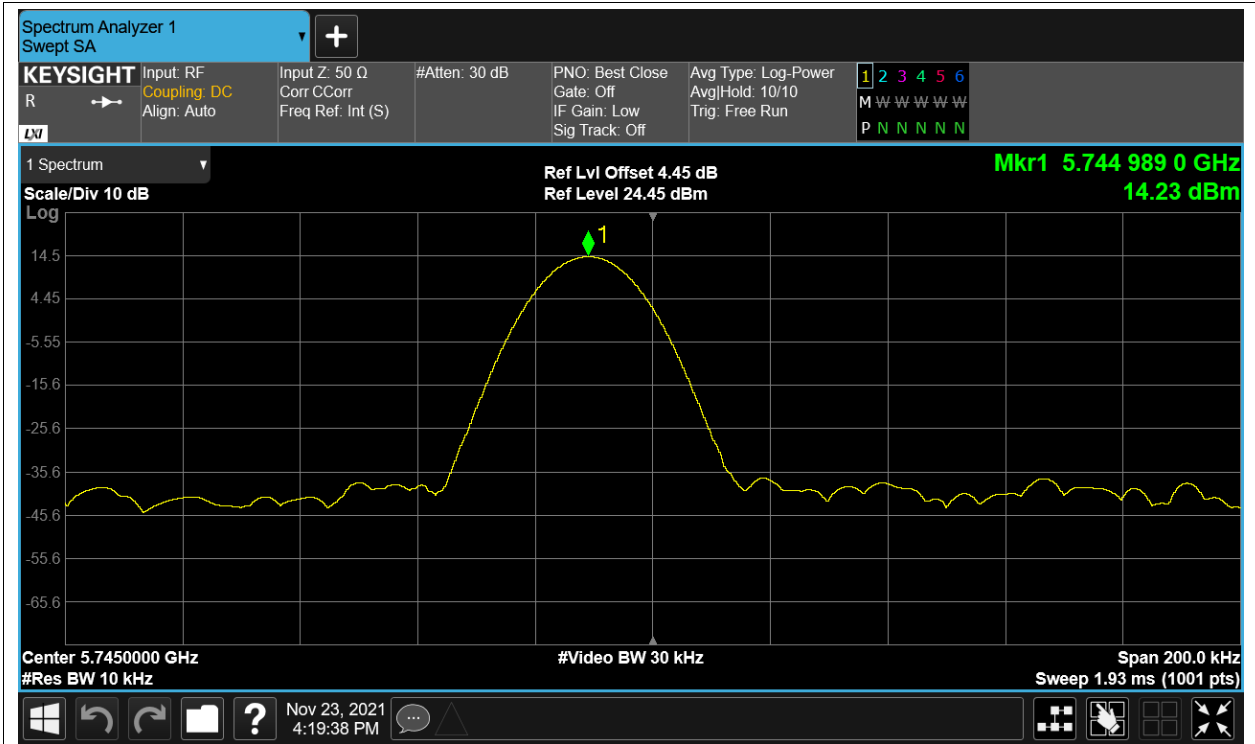
Freq. Stability HVHT a 5745MHz Ant1



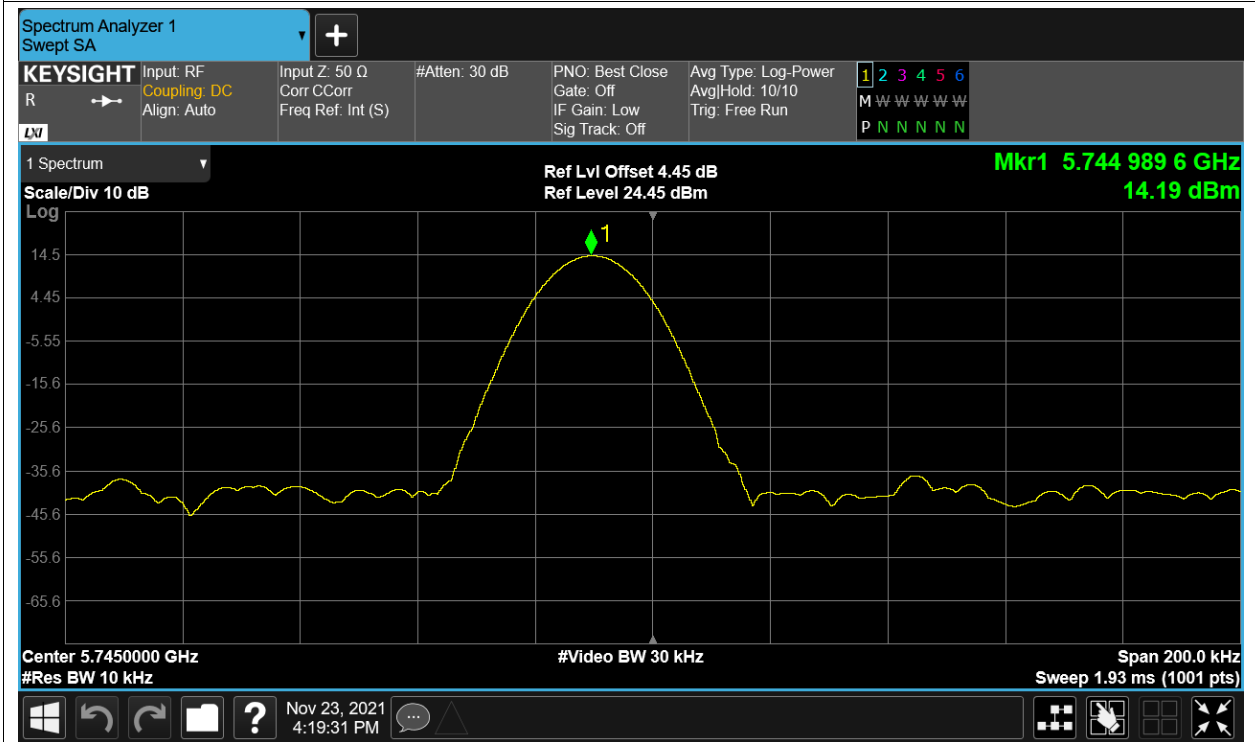
Freq. Stability HVLT a 5745MHz Ant1



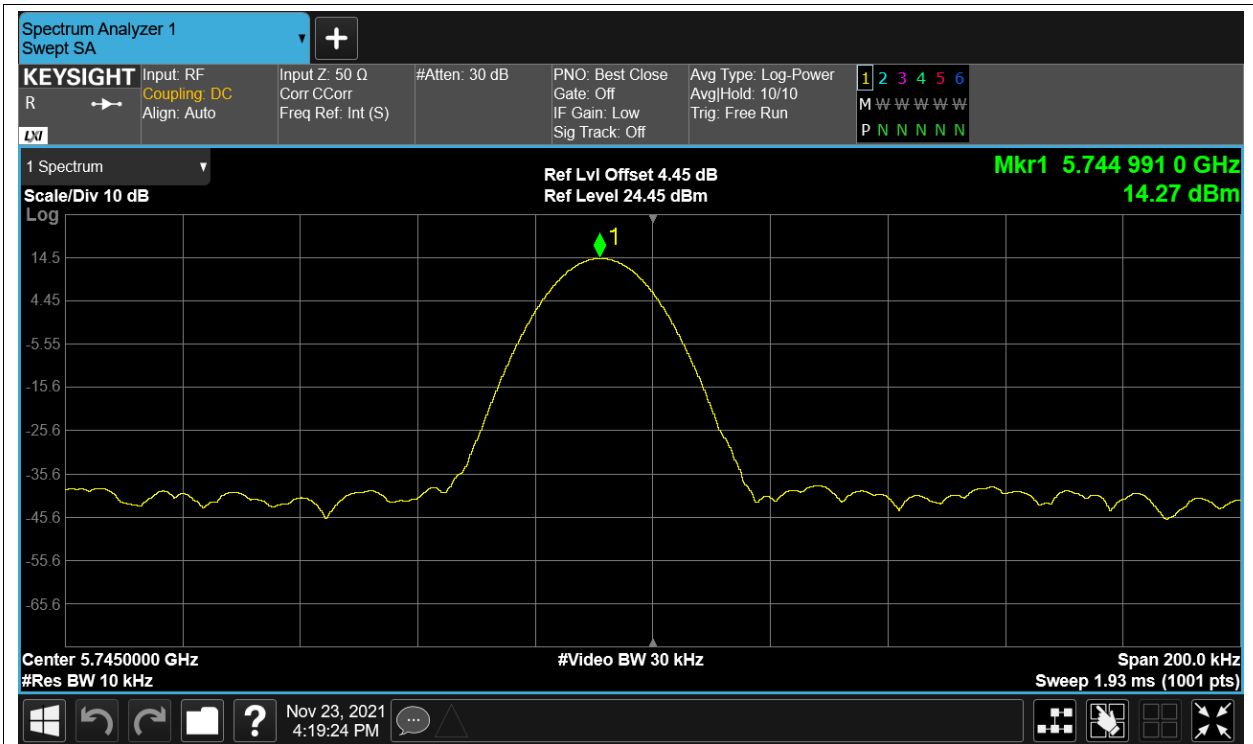
Freq. Stability LVHT a 5745MHz Ant1



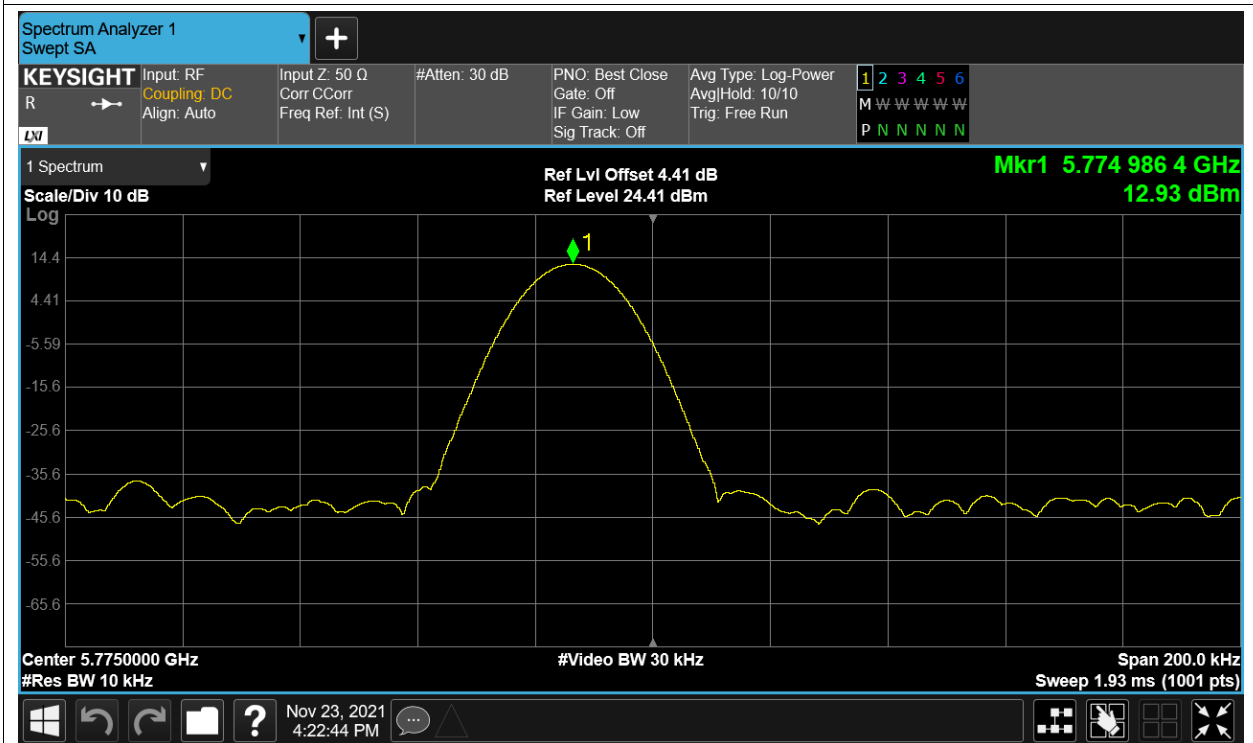
Freq. Stability LVL1 a 5745MHz Ant1



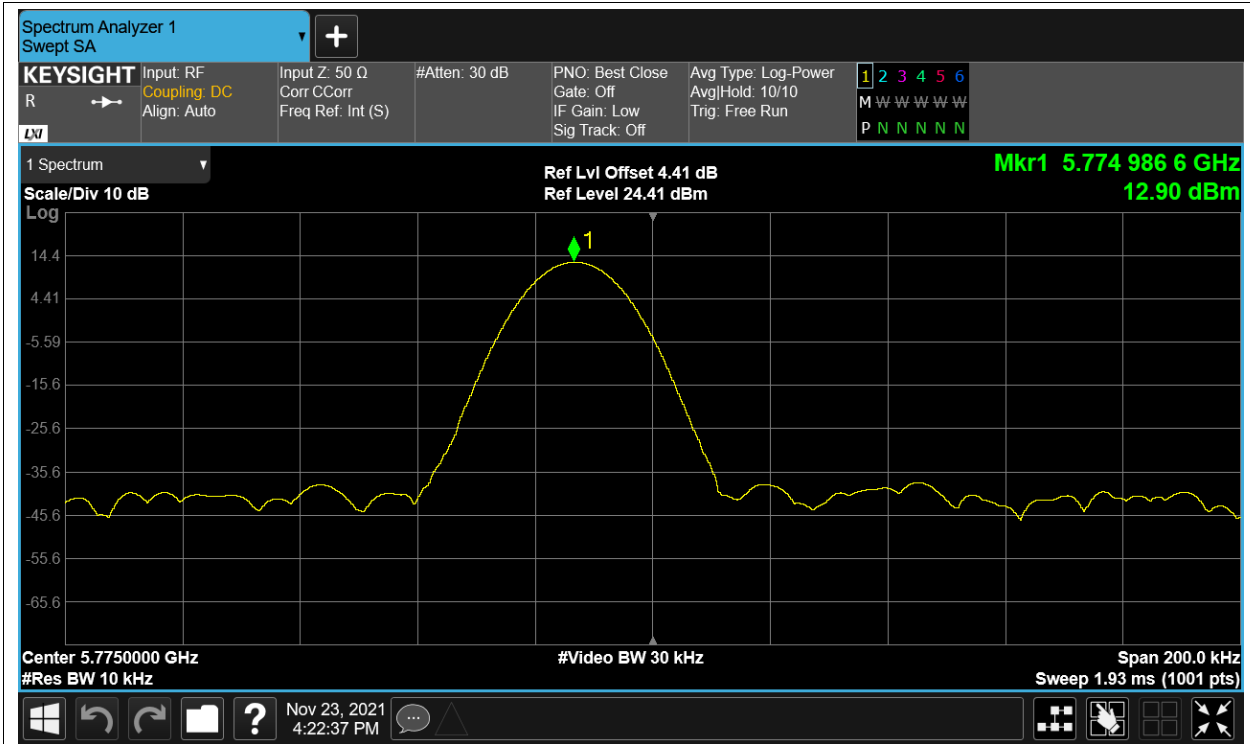
Freq. Stability NVNT a 5745MHz Ant1



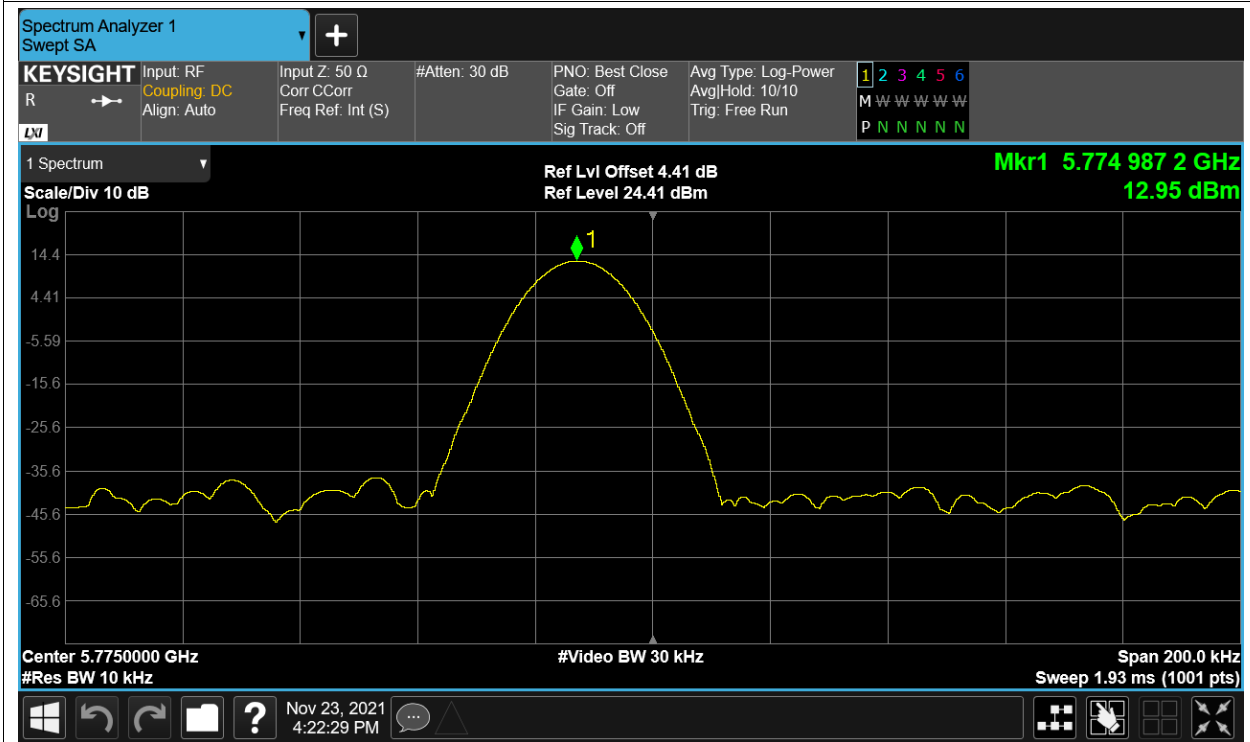
Freq. Stability HVHT ac80 5775MHz Ant1



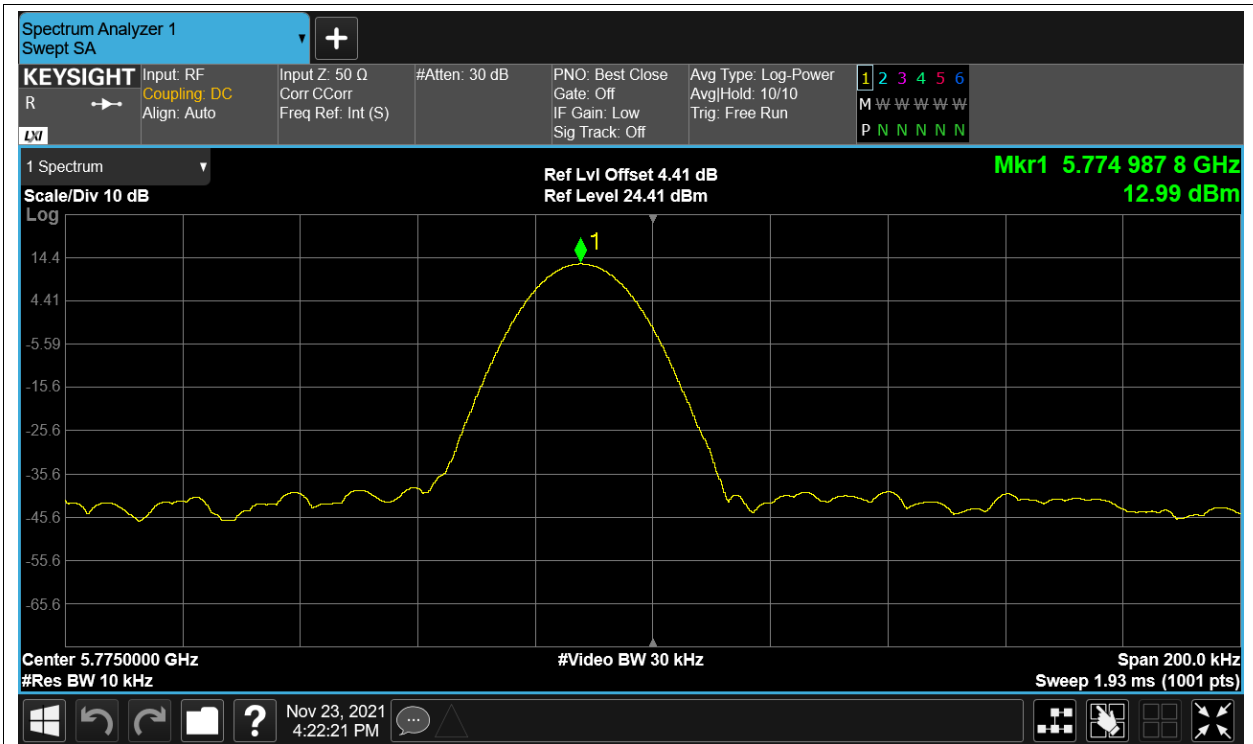
Freq. Stability HVLT ac80 5775MHz Ant1



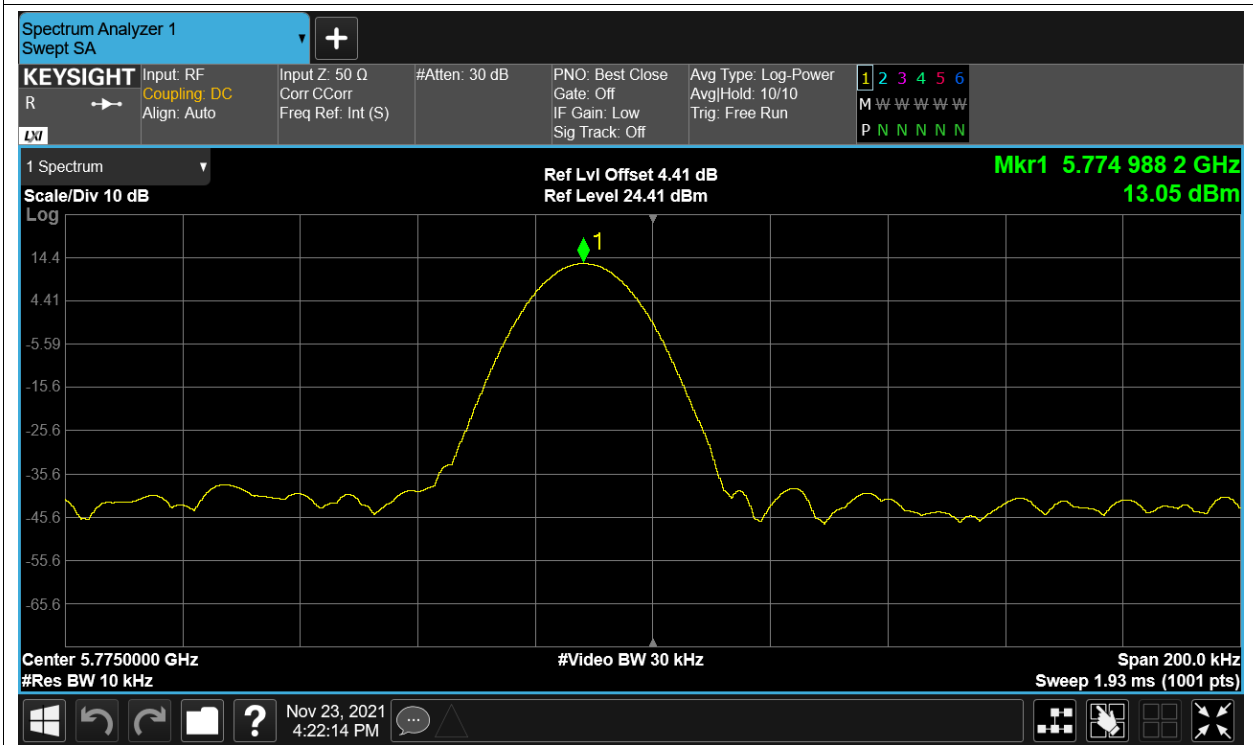
Freq. Stability LVHT ac80 5775MHz Ant1



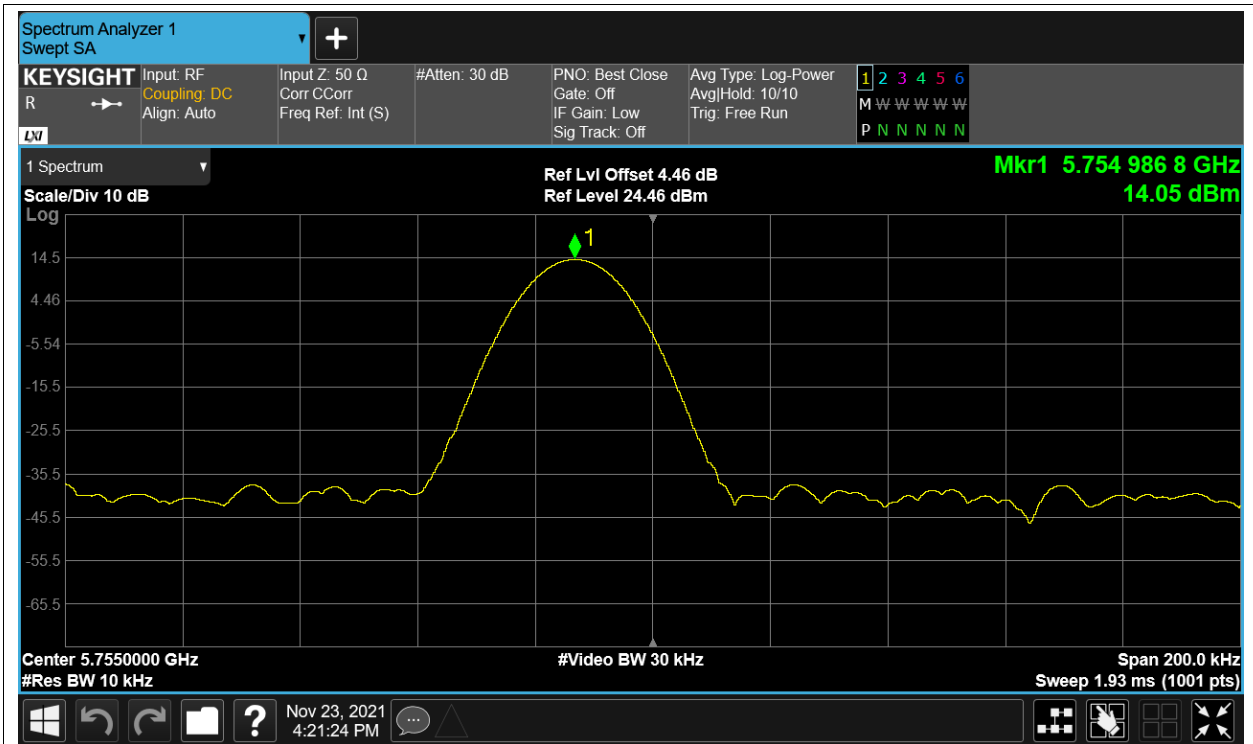
Freq. Stability LVLT ac80 5775MHz Ant1



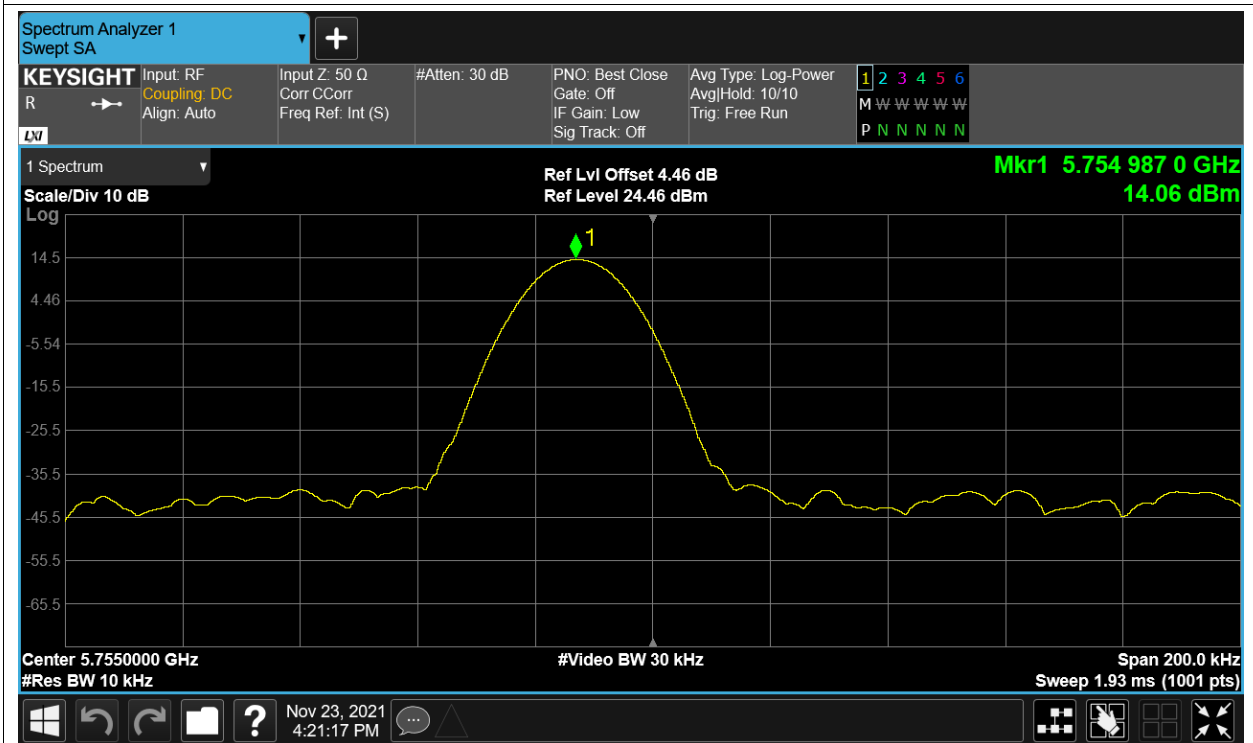
Freq. Stability NVNT ac80 5775MHz Ant1



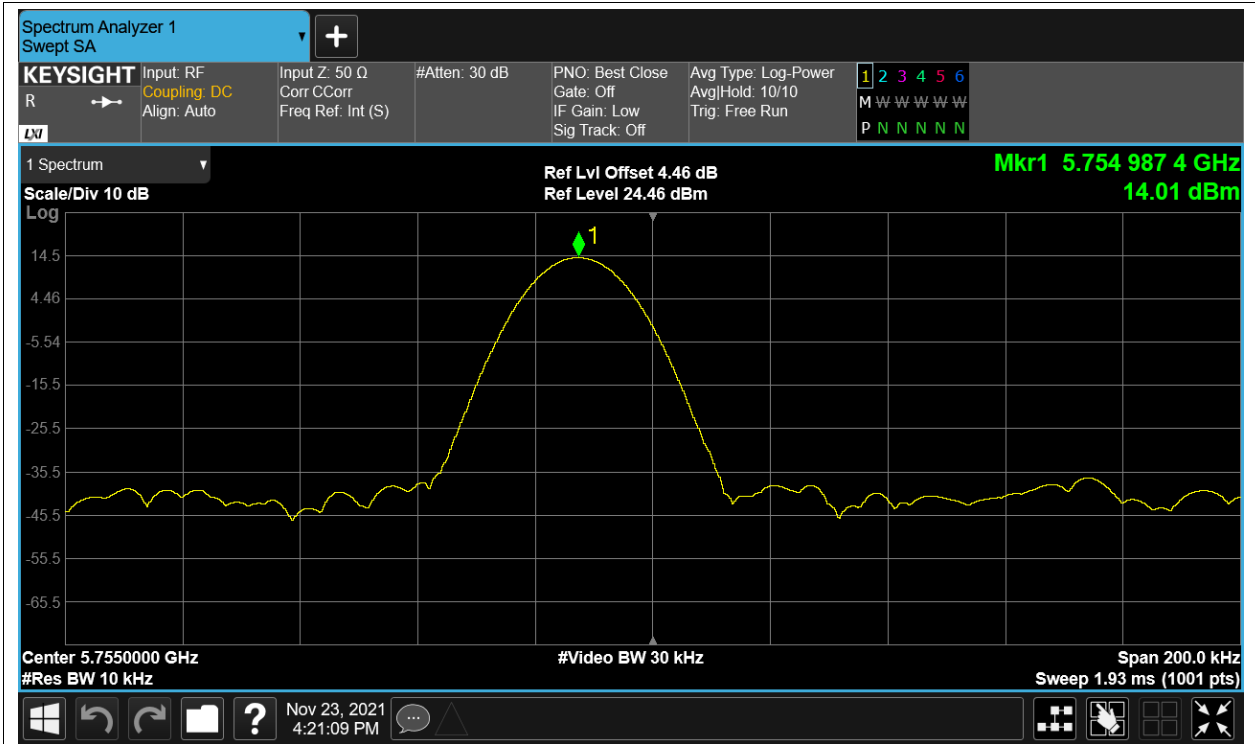
Freq. Stability HVHT n40 5755MHz Ant1



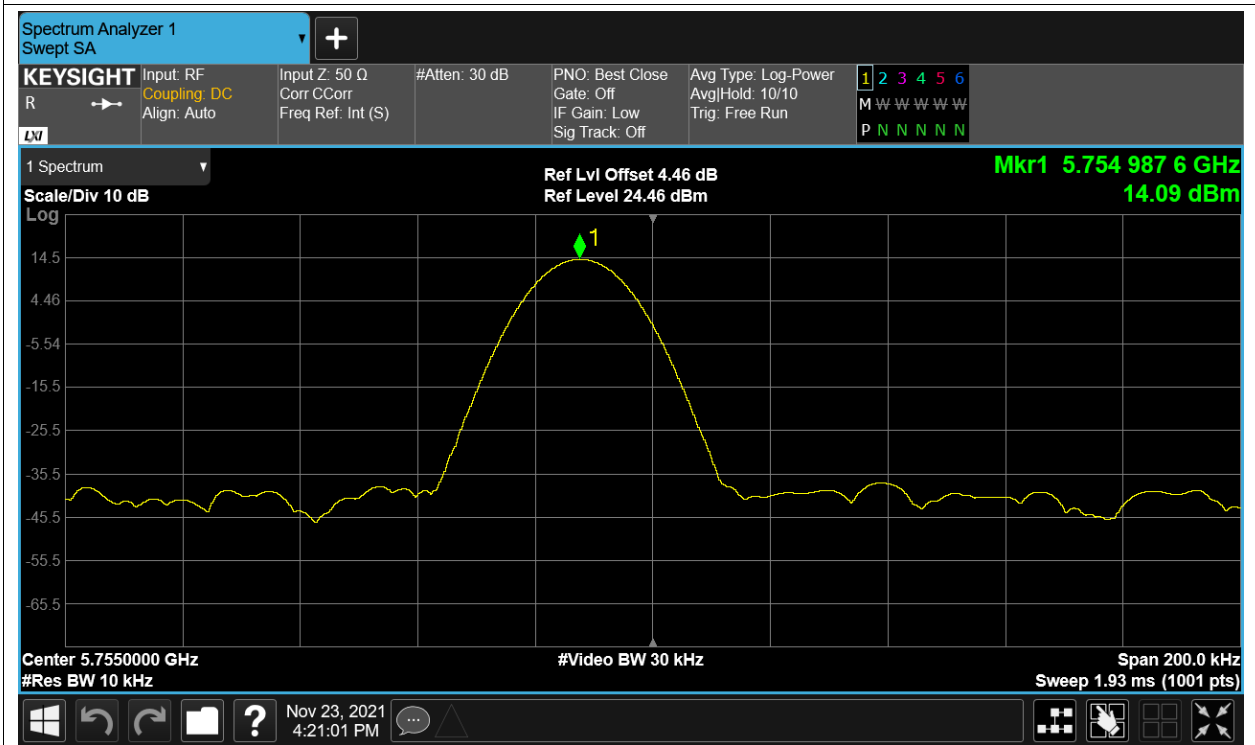
Freq. Stability HVLt n40 5755MHz Ant1



Freq. Stability LVHT n40 5755MHz Ant1

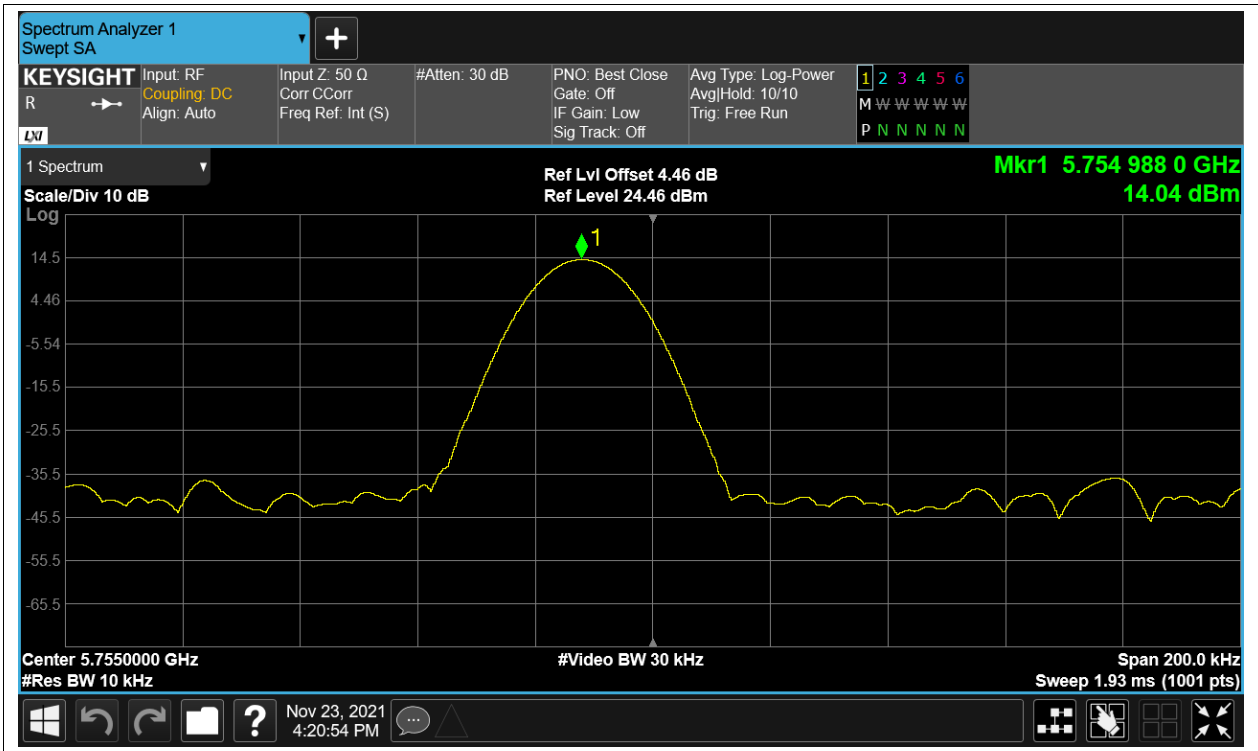


Freq. Stability LVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1



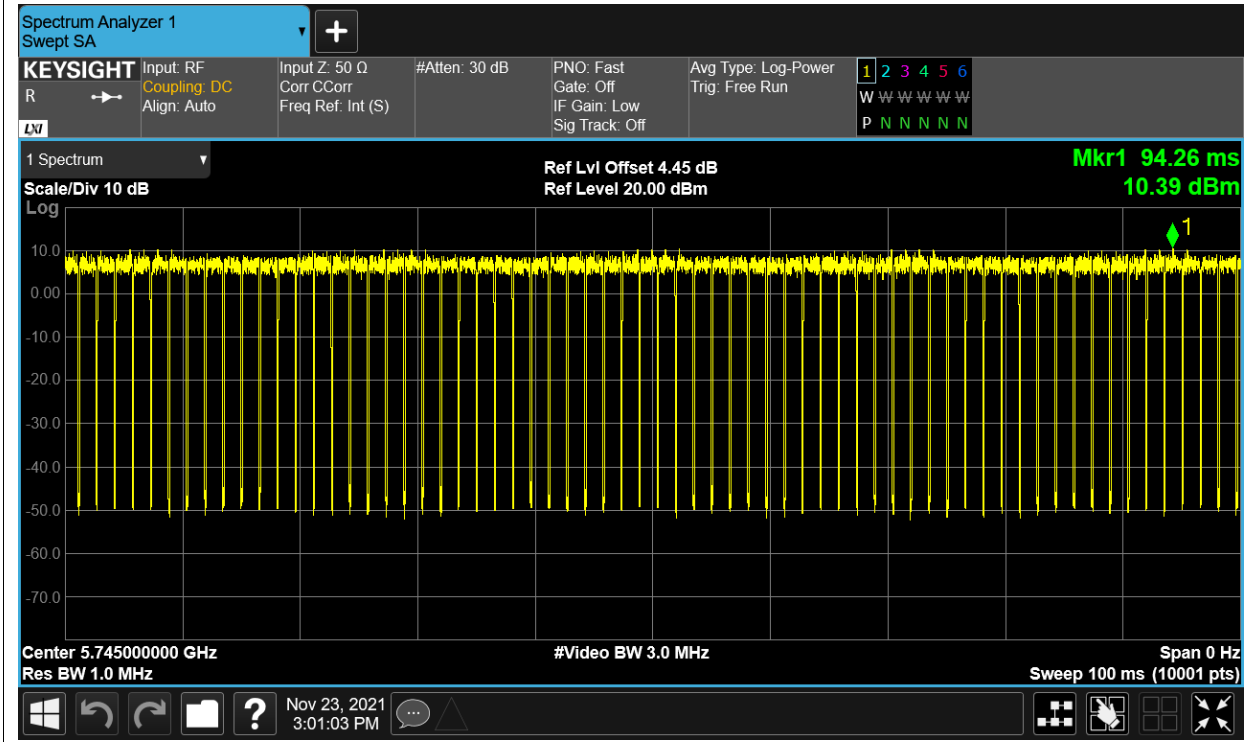


## Duty Cycle

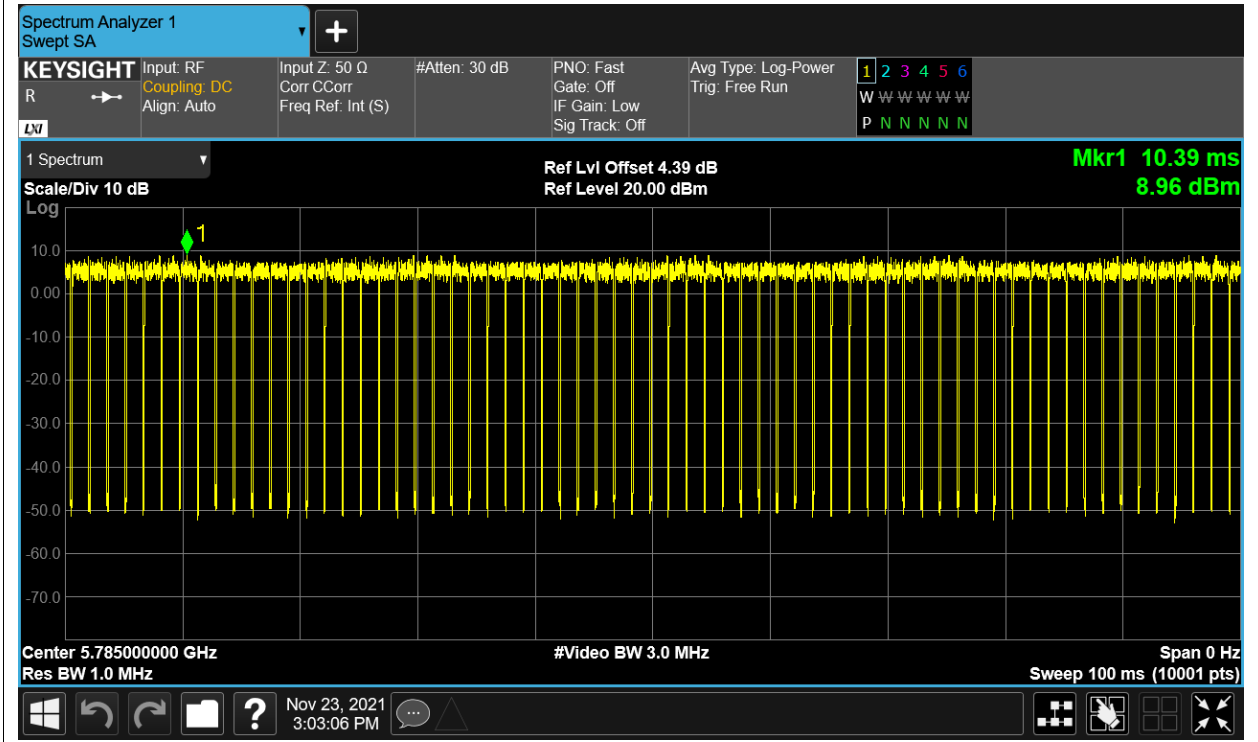
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	91.55	0.38
NVNT	a	5785	Ant1	91.55	0.38
NVNT	a	5825	Ant1	91.55	0.38
NVNT	ac20	5745	Ant1	90.07	0.45
NVNT	ac20	5785	Ant1	90.02	0.46
NVNT	ac20	5825	Ant1	90.1	0.45
NVNT	ac40	5755	Ant1	82.18	0.85
NVNT	ac40	5795	Ant1	81.87	0.87
NVNT	ac80	5775	Ant1	69.78	1.56
NVNT	n20	5745	Ant1	89.74	0.47
NVNT	n20	5785	Ant1	89.87	0.46
NVNT	n20	5825	Ant1	89.74	0.47
NVNT	n40	5755	Ant1	82.19	0.85
NVNT	n40	5795	Ant1	82.17	0.85

Test Graphs

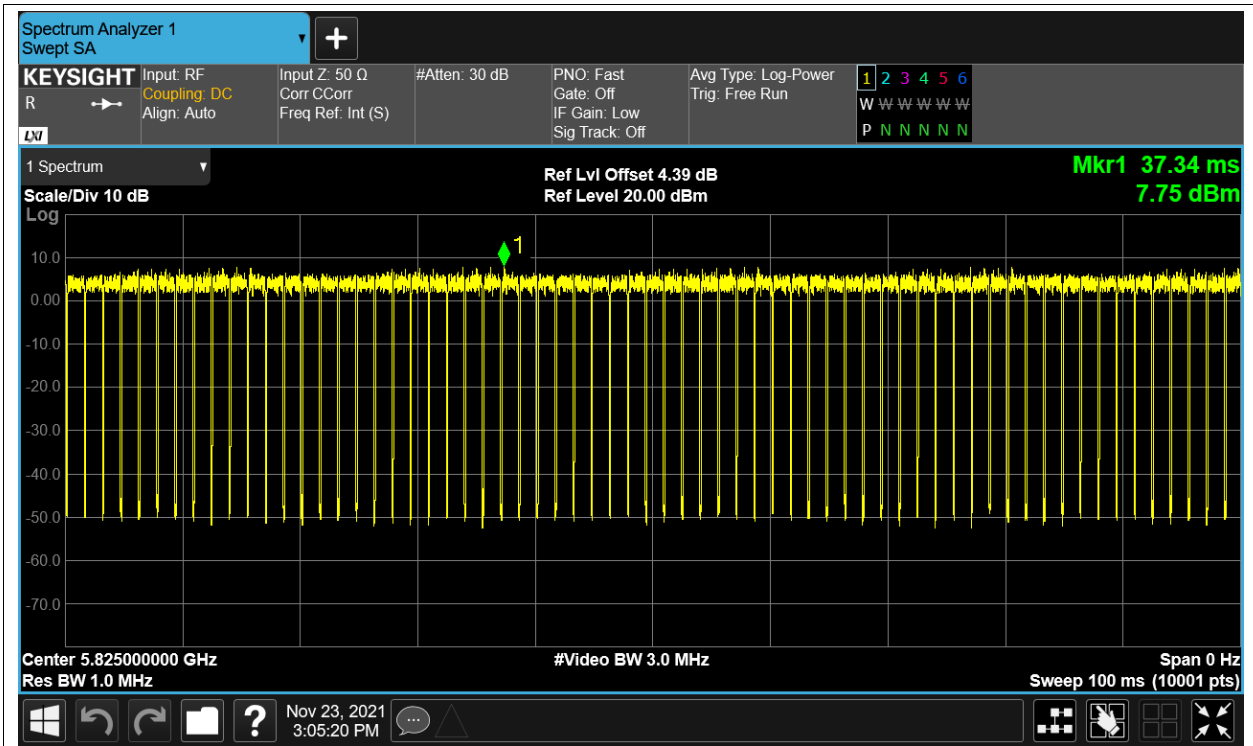
Duty Cycle NVNT a 5745MHz Ant1



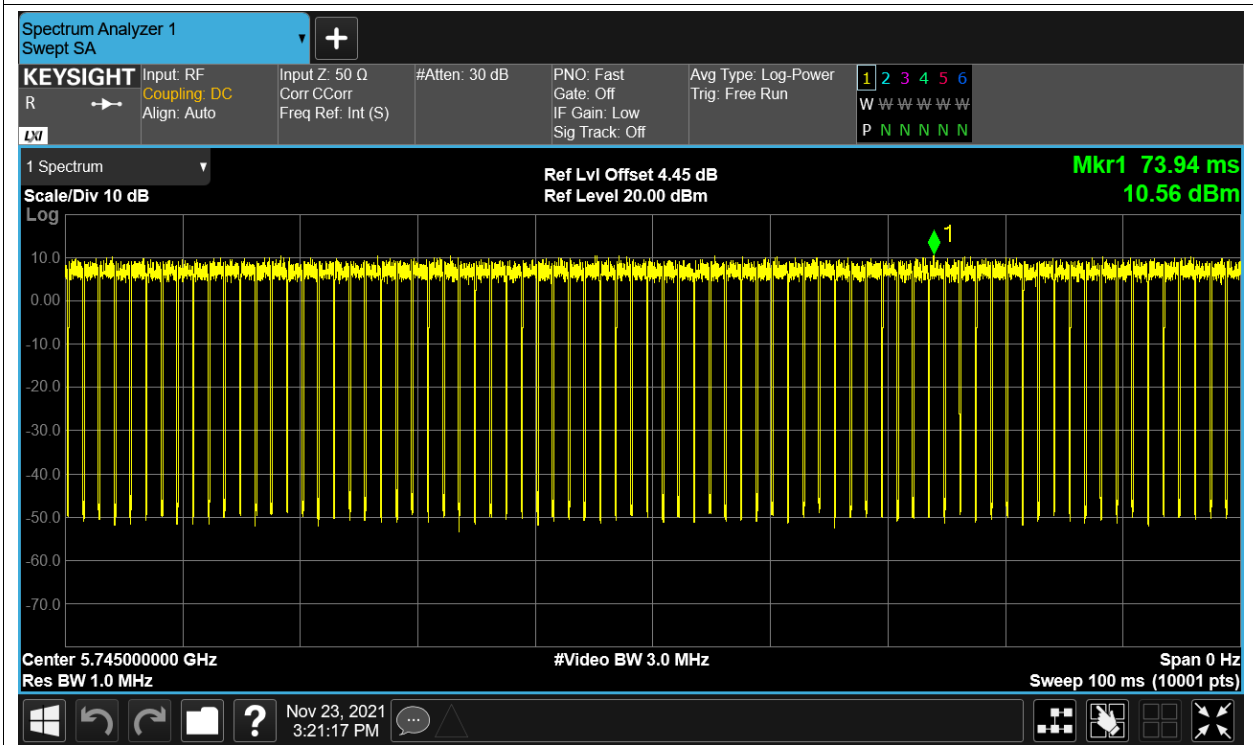
Duty Cycle NVNT a 5785MHz Ant1



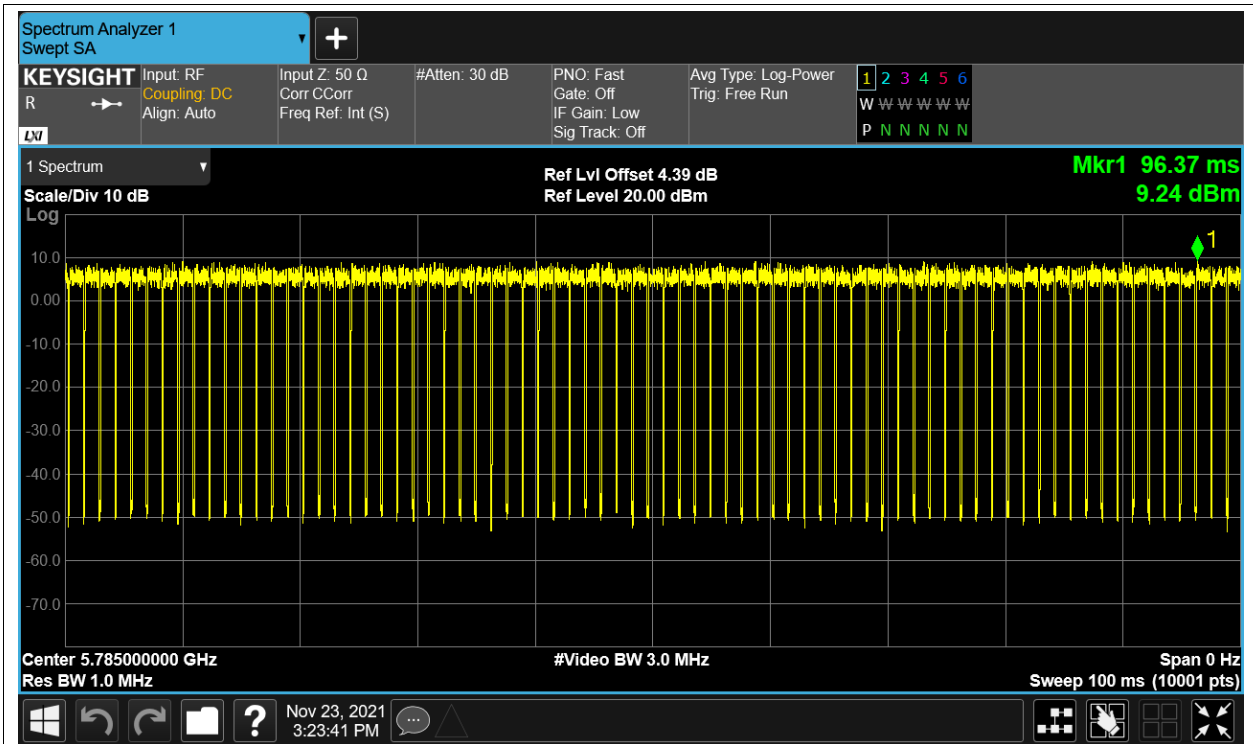
Duty Cycle NVNT a 5825MHz Ant1



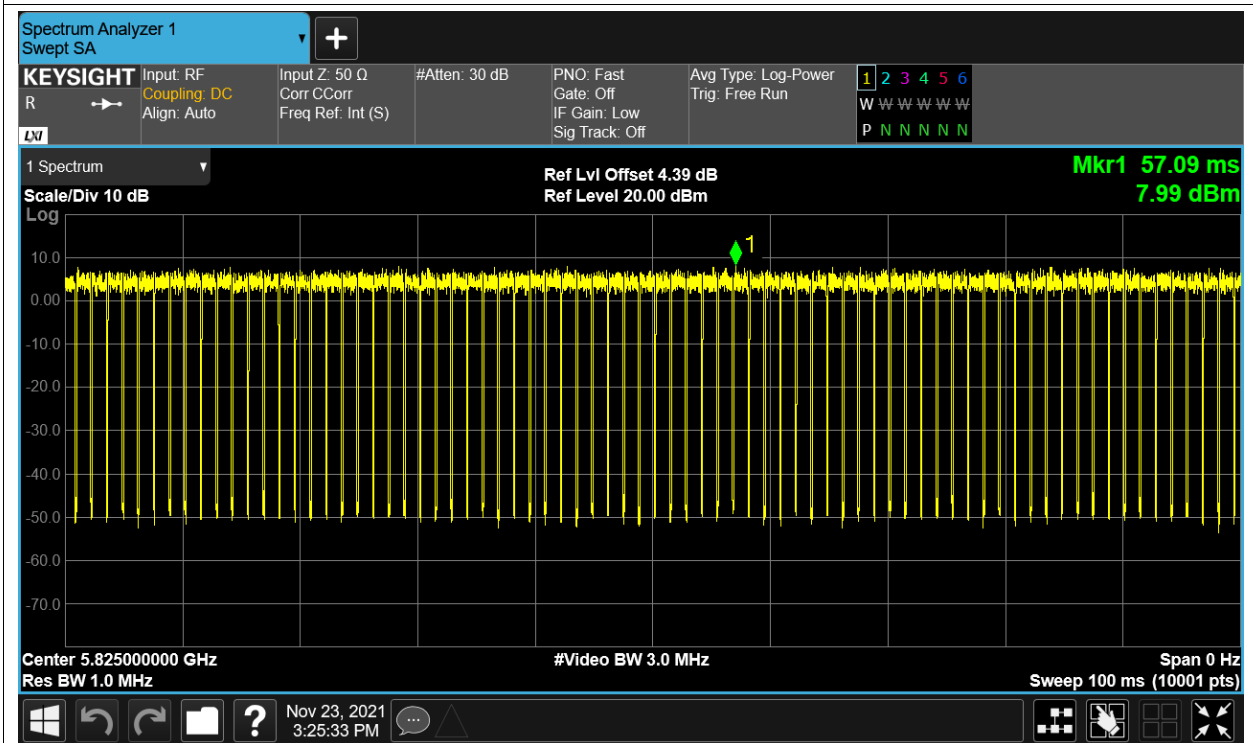
Duty Cycle NVNT ac20 5745MHz Ant1



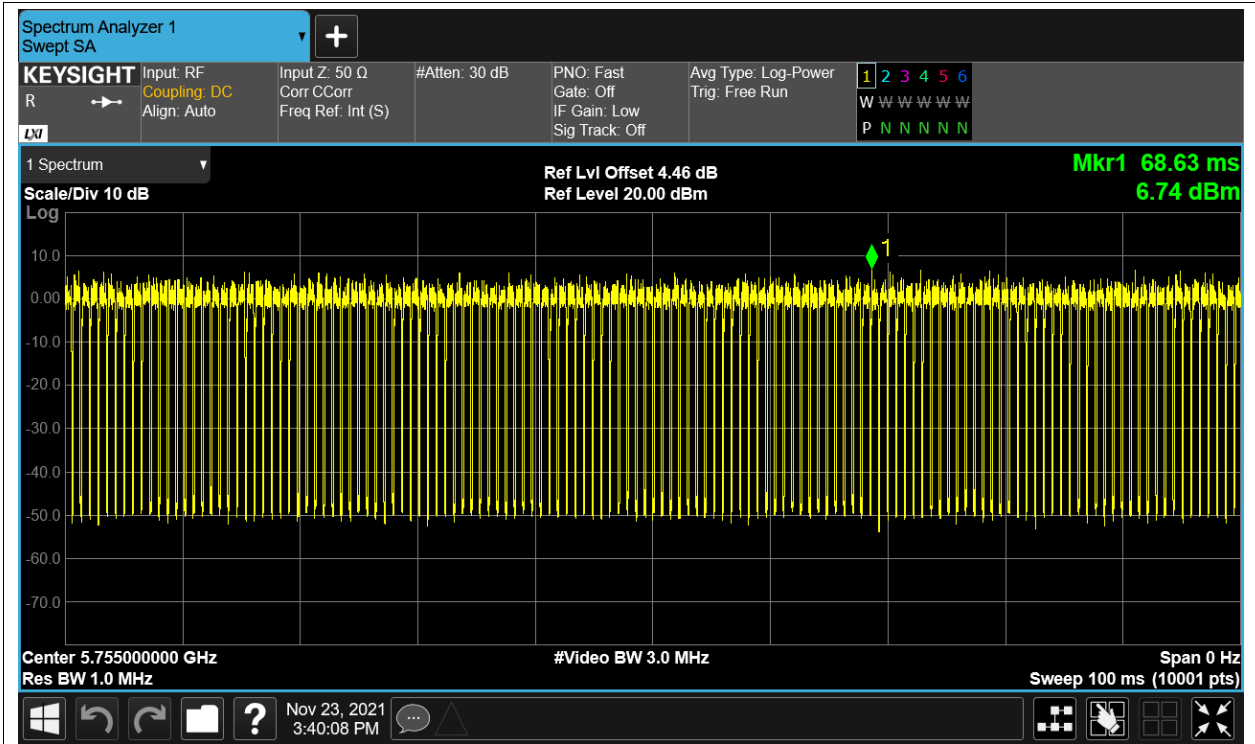
Duty Cycle NVNT ac20 5785MHz Ant1



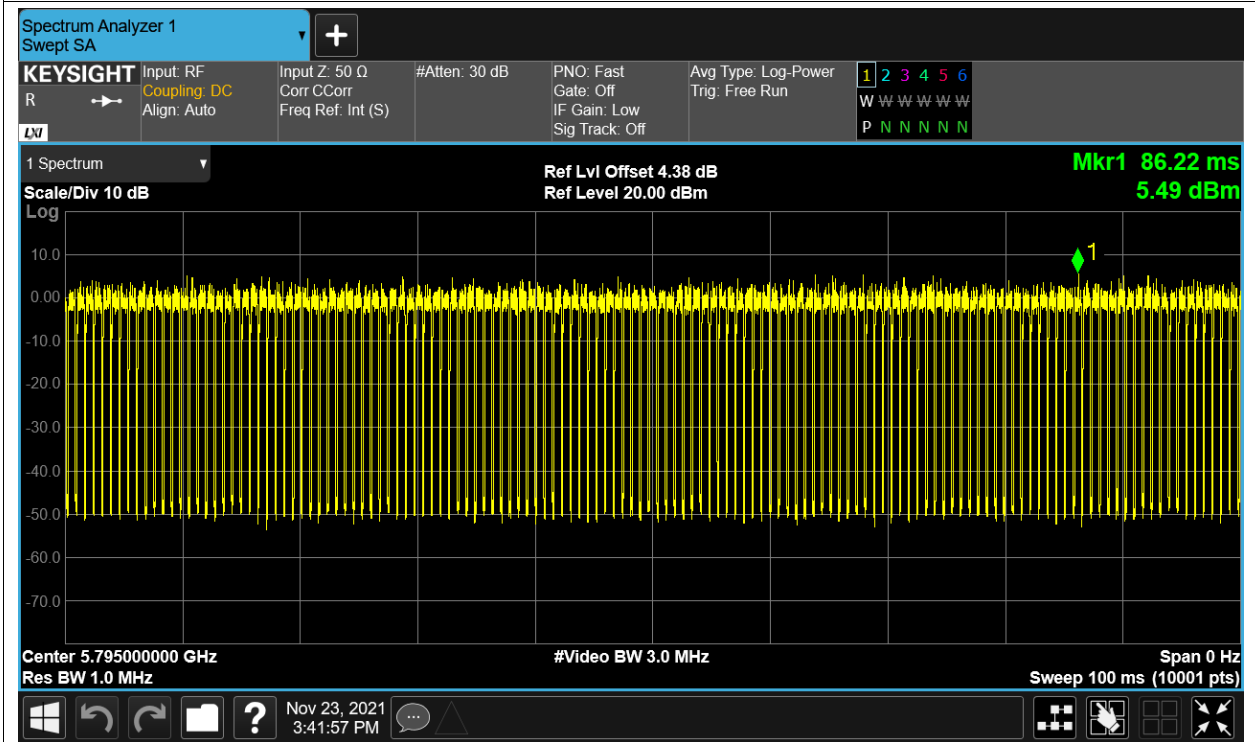
Duty Cycle NVNT ac20 5825MHz Ant1



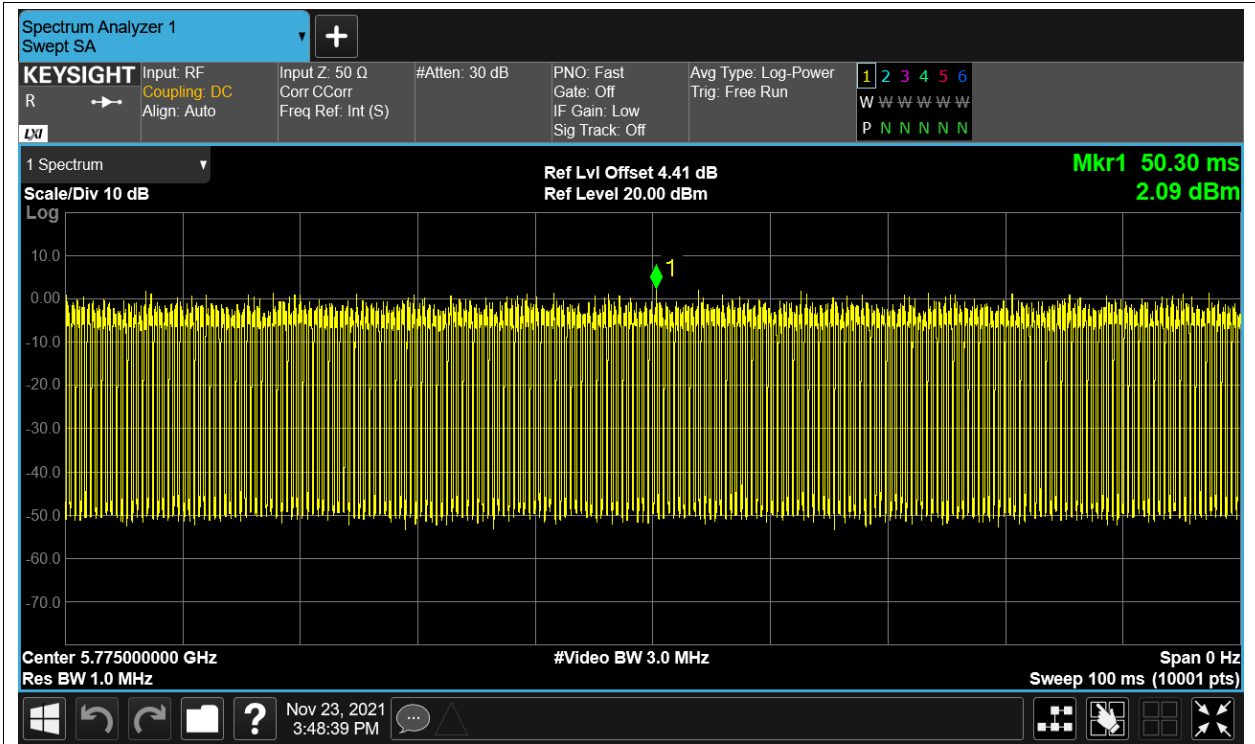
Duty Cycle NVNT ac40 5755MHz Ant1



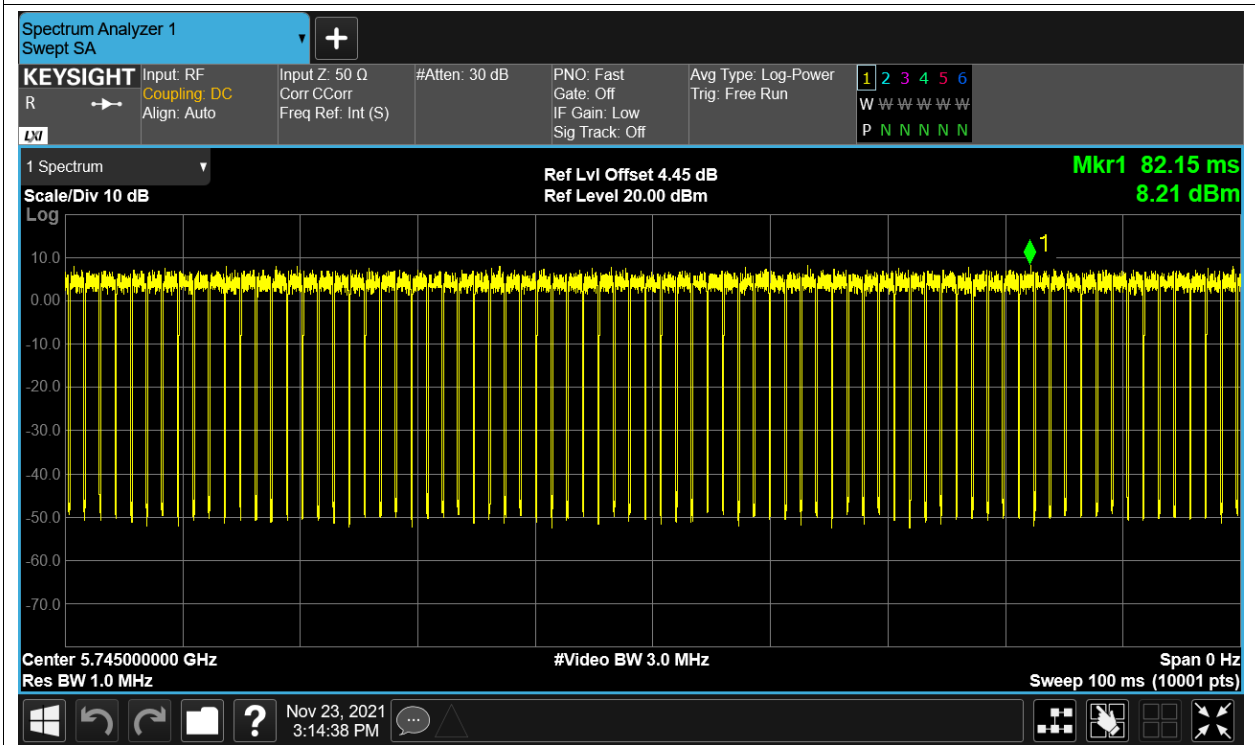
Duty Cycle NVNT ac40 5795MHz Ant1



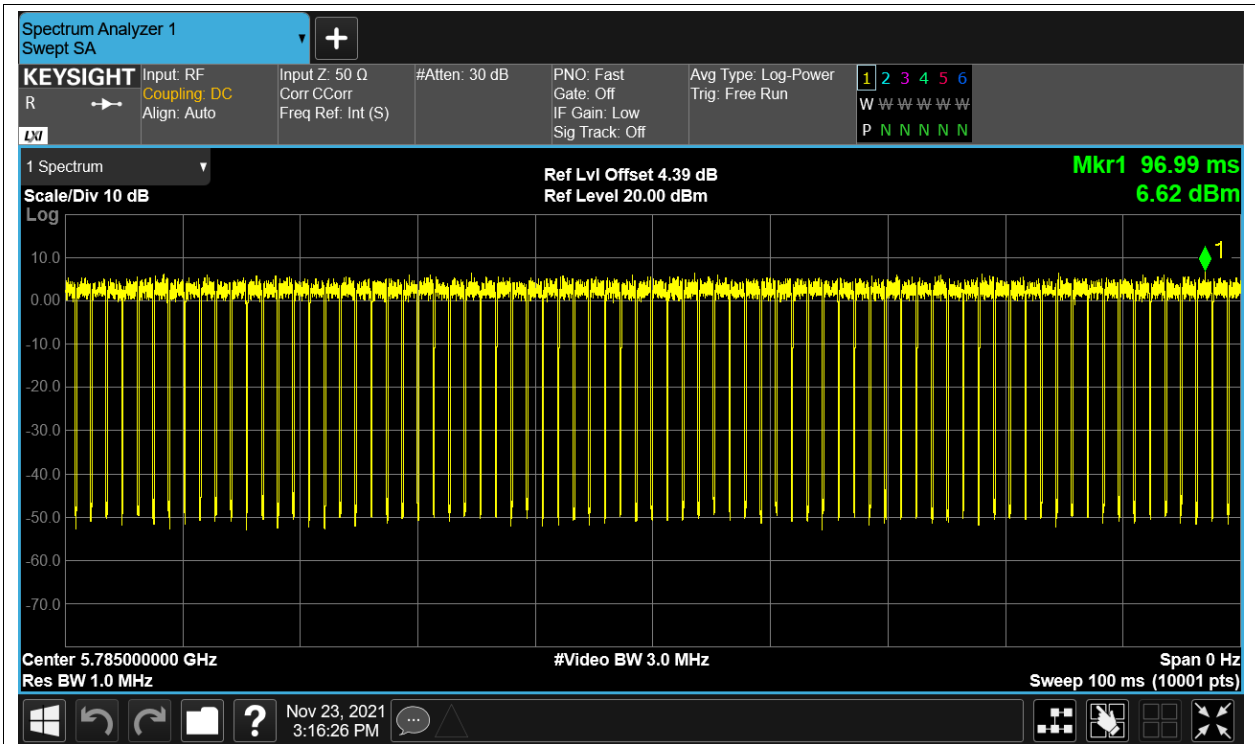
Duty Cycle NVNT ac80 5775MHz Ant1



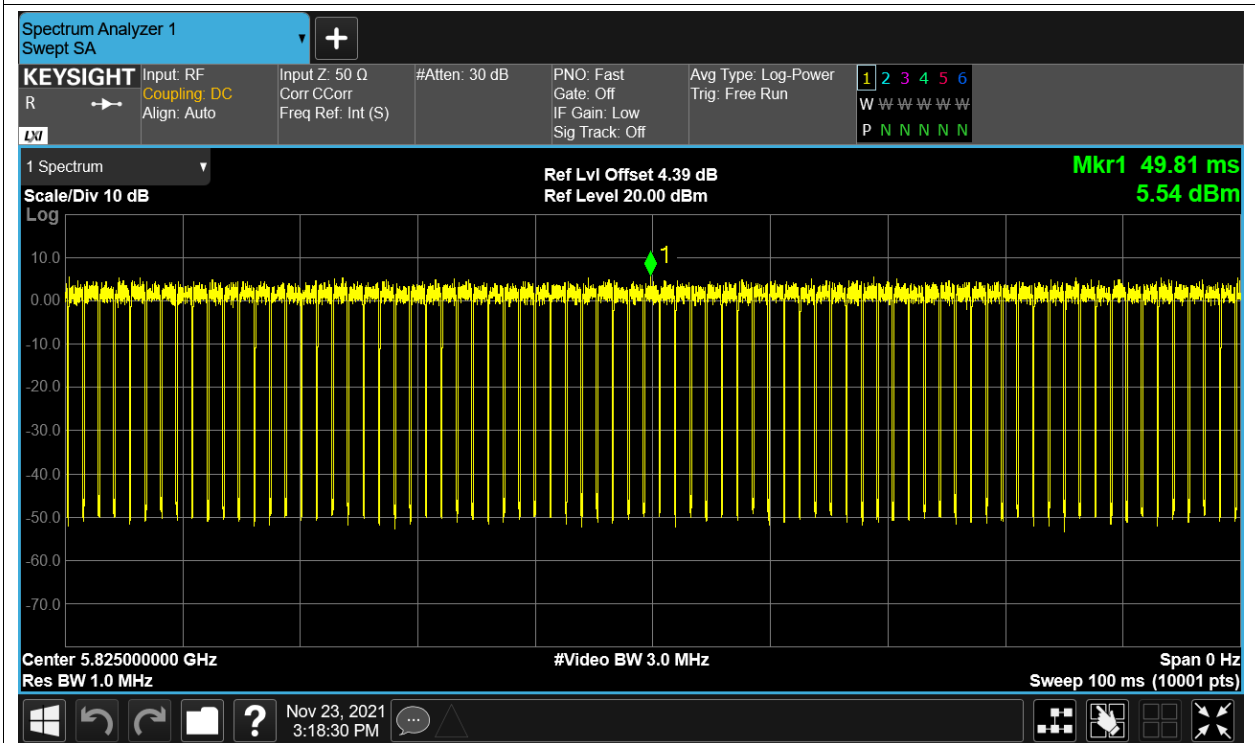
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

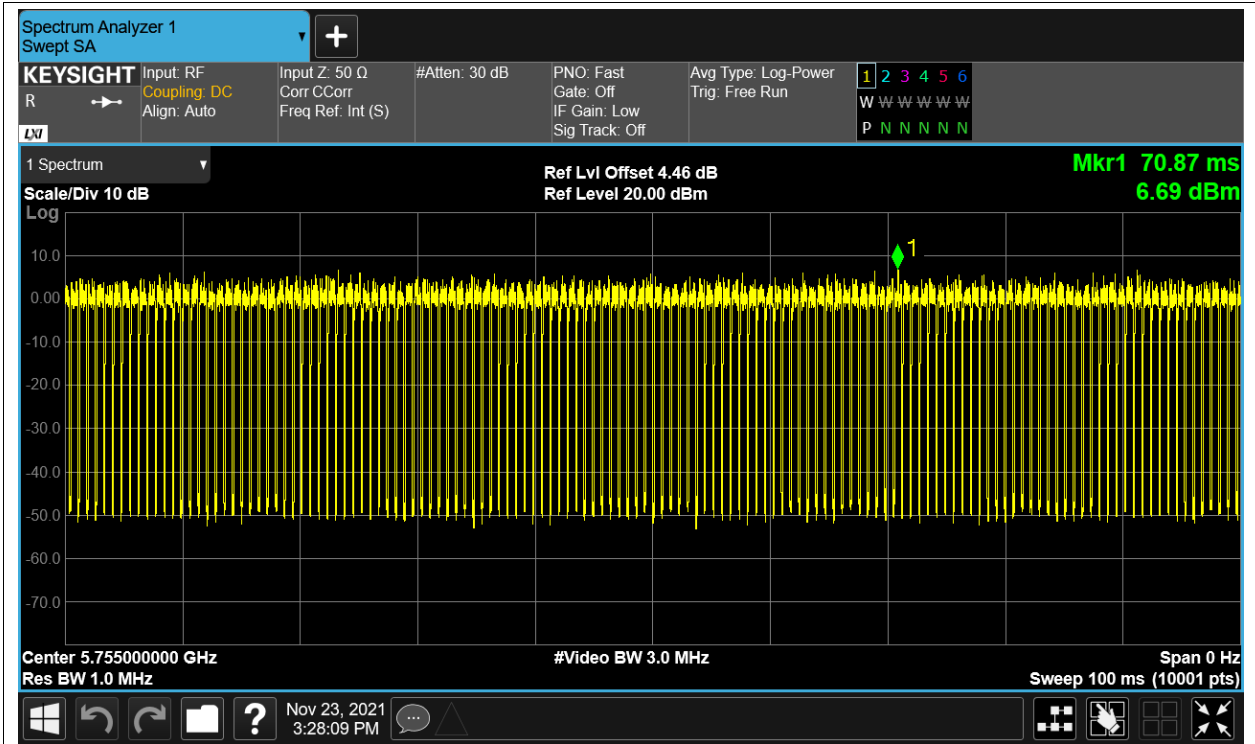


Duty Cycle NVNT n20 5825MHz Ant1

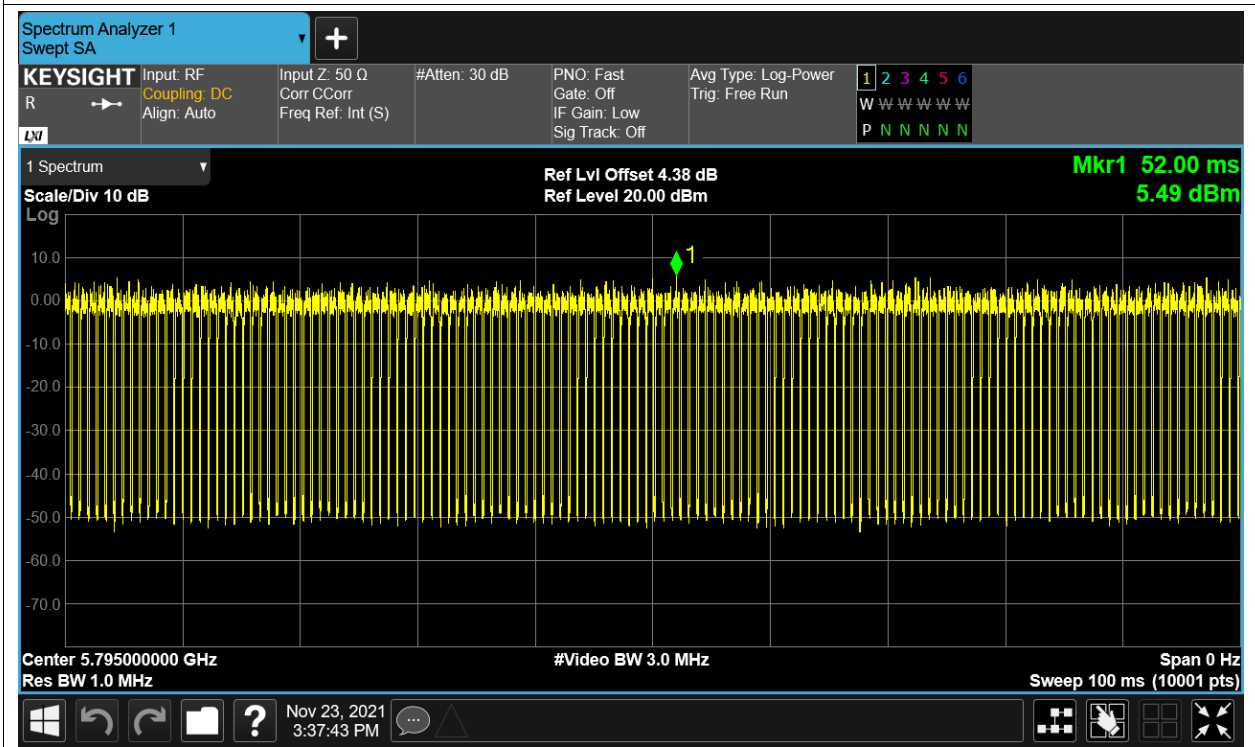


Duty Cycle NVNT n40 5755MHz Ant1





Duty Cycle NVNT n40 5795MHz Ant1

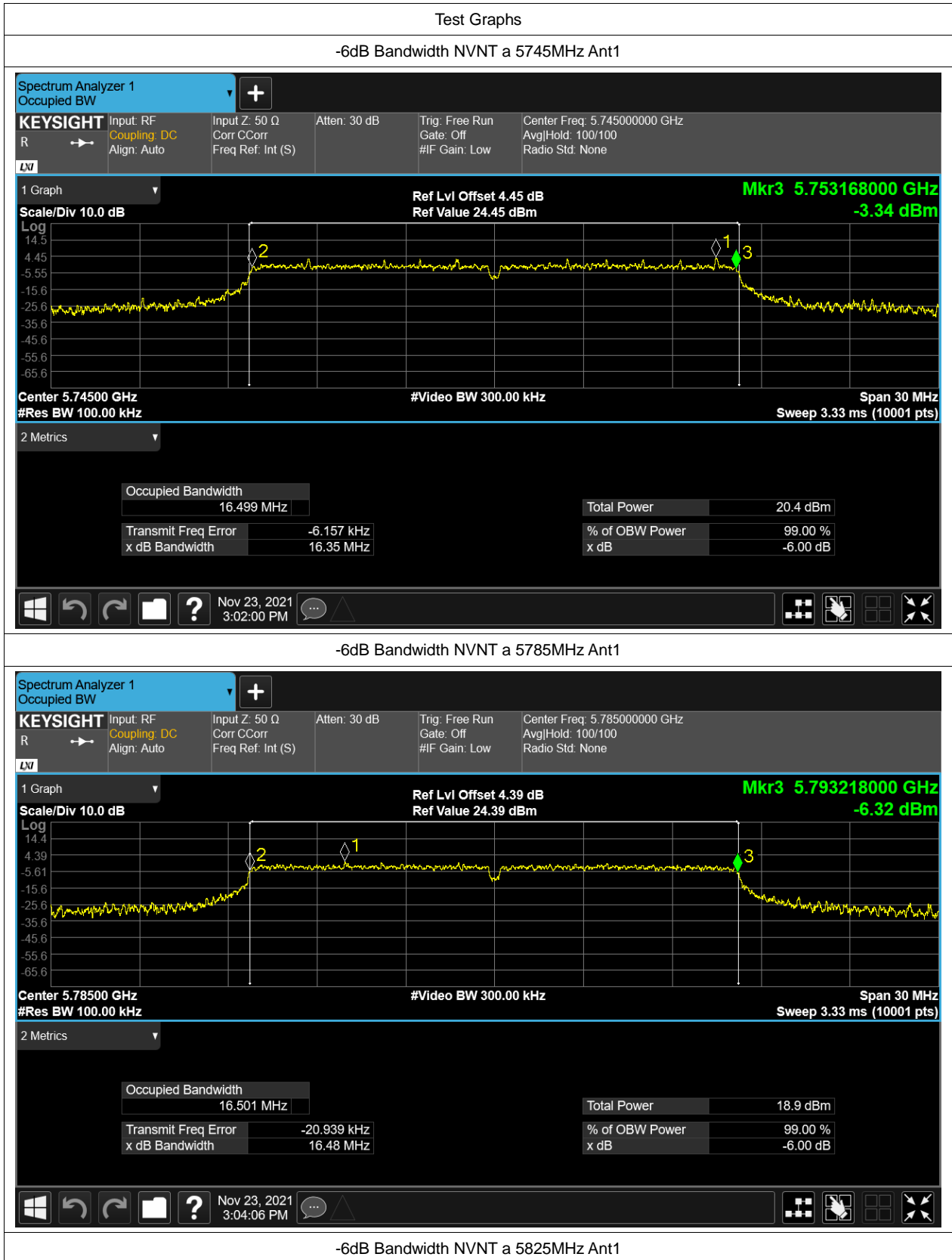


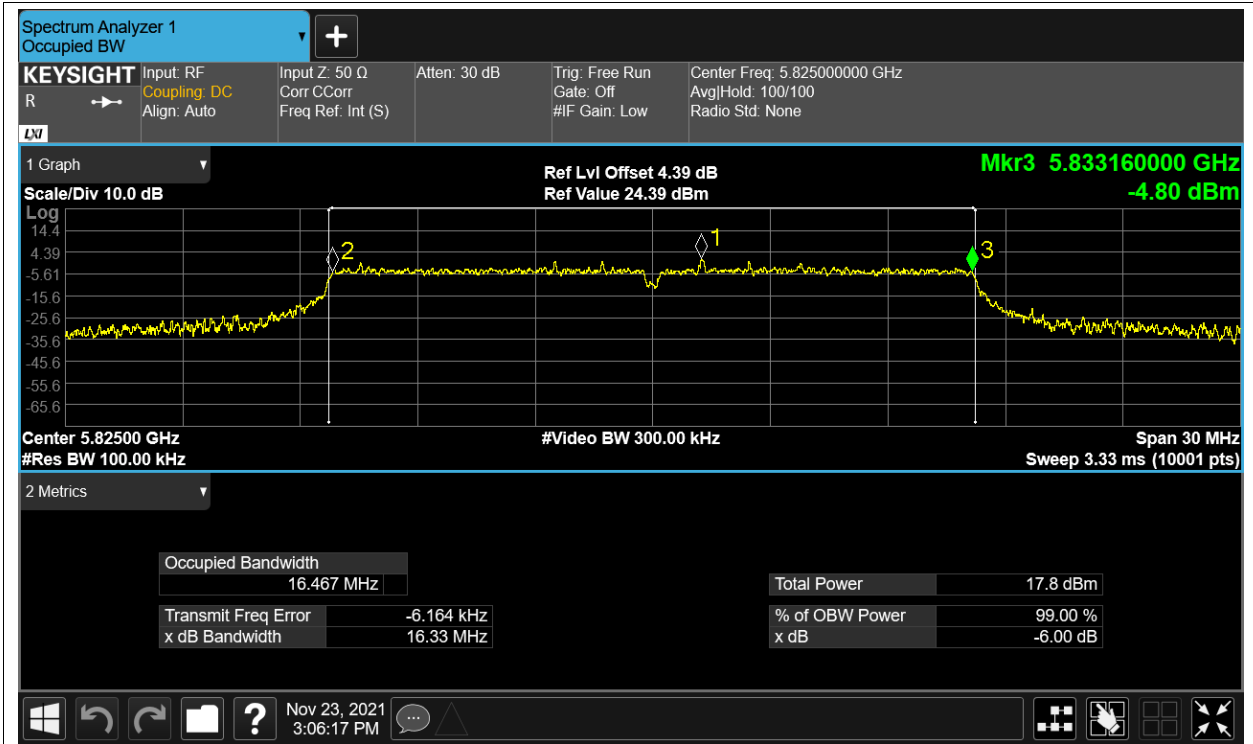
## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	14.75	0.38	15.13	30	Pass
NVNT	a	5785	Ant1	14.28	0.38	14.66	30	Pass
NVNT	a	5825	Ant1	12.74	0.38	13.12	30	Pass
NVNT	ac20	5745	Ant1	15.03	0.45	15.48	30	Pass
NVNT	ac20	5785	Ant1	14.58	0.46	15.04	30	Pass
NVNT	ac20	5825	Ant1	13.13	0.45	13.58	30	Pass
NVNT	ac40	5755	Ant1	14.82	0.85	15.67	30	Pass
NVNT	ac40	5795	Ant1	14.07	0.87	14.94	30	Pass
NVNT	ac80	5775	Ant1	14.17	1.56	15.73	30	Pass
NVNT	n20	5745	Ant1	12.6	0.47	13.07	30	Pass
NVNT	n20	5785	Ant1	12.17	0.46	12.63	30	Pass
NVNT	n20	5825	Ant1	10.51	0.47	10.98	30	Pass
NVNT	n40	5755	Ant1	14.88	0.85	15.73	30	Pass
NVNT	n40	5795	Ant1	14.25	0.85	15.1	30	Pass

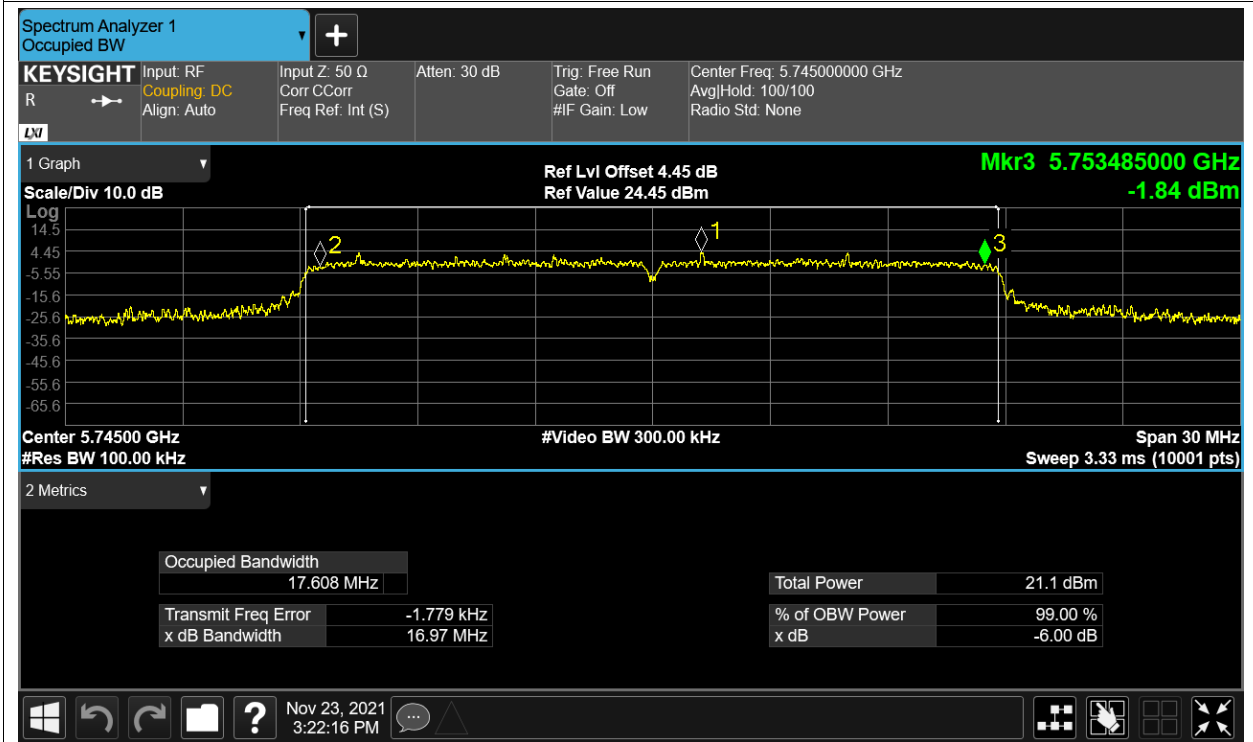
## -6dB Bandwidth

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	16.477	0.5	Pass
NVNT	a	5825	Ant1	16.331	0.5	Pass
NVNT	ac20	5745	Ant1	16.973	0.5	Pass
NVNT	ac20	5785	Ant1	17.144	0.5	Pass
NVNT	ac20	5825	Ant1	17.285	0.5	Pass
NVNT	ac40	5755	Ant1	35.227	0.5	Pass
NVNT	ac40	5795	Ant1	35.484	0.5	Pass
NVNT	ac80	5775	Ant1	75.355	0.5	Pass
NVNT	n20	5745	Ant1	17.528	0.5	Pass
NVNT	n20	5785	Ant1	17.403	0.5	Pass
NVNT	n20	5825	Ant1	17.424	0.5	Pass
NVNT	n40	5755	Ant1	35.625	0.5	Pass
NVNT	n40	5795	Ant1	35.361	0.5	Pass

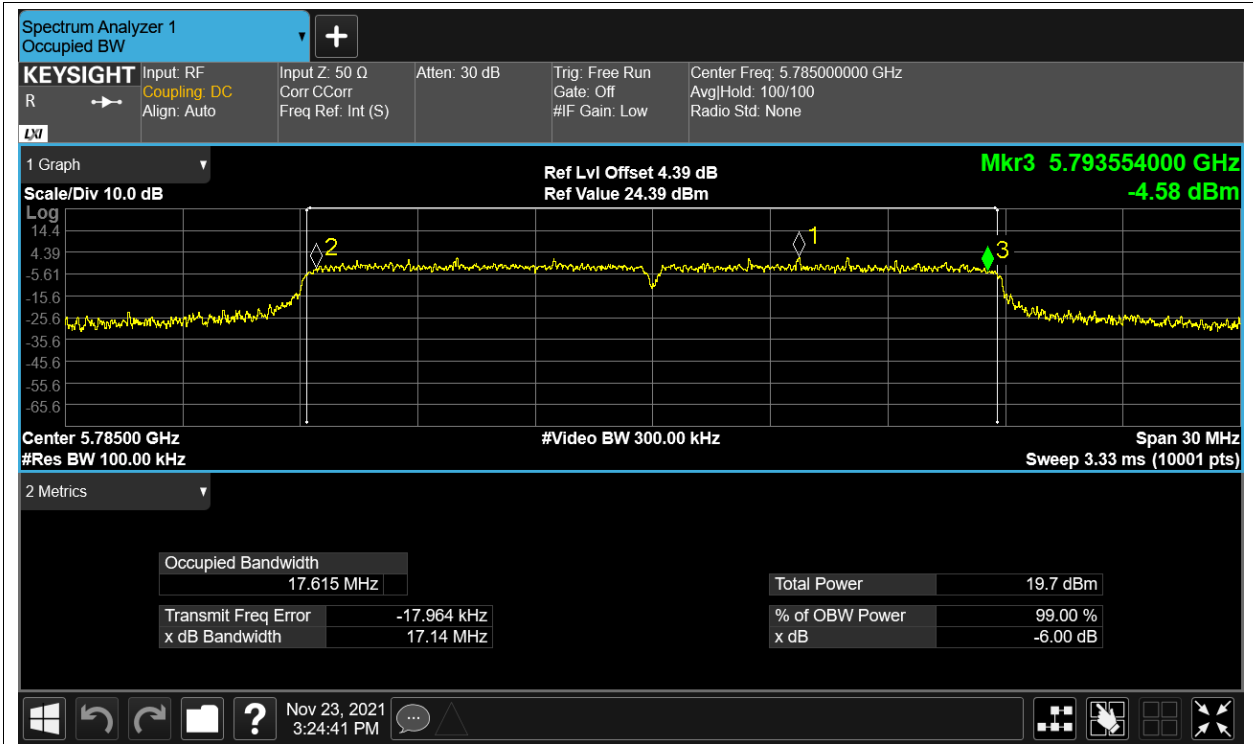




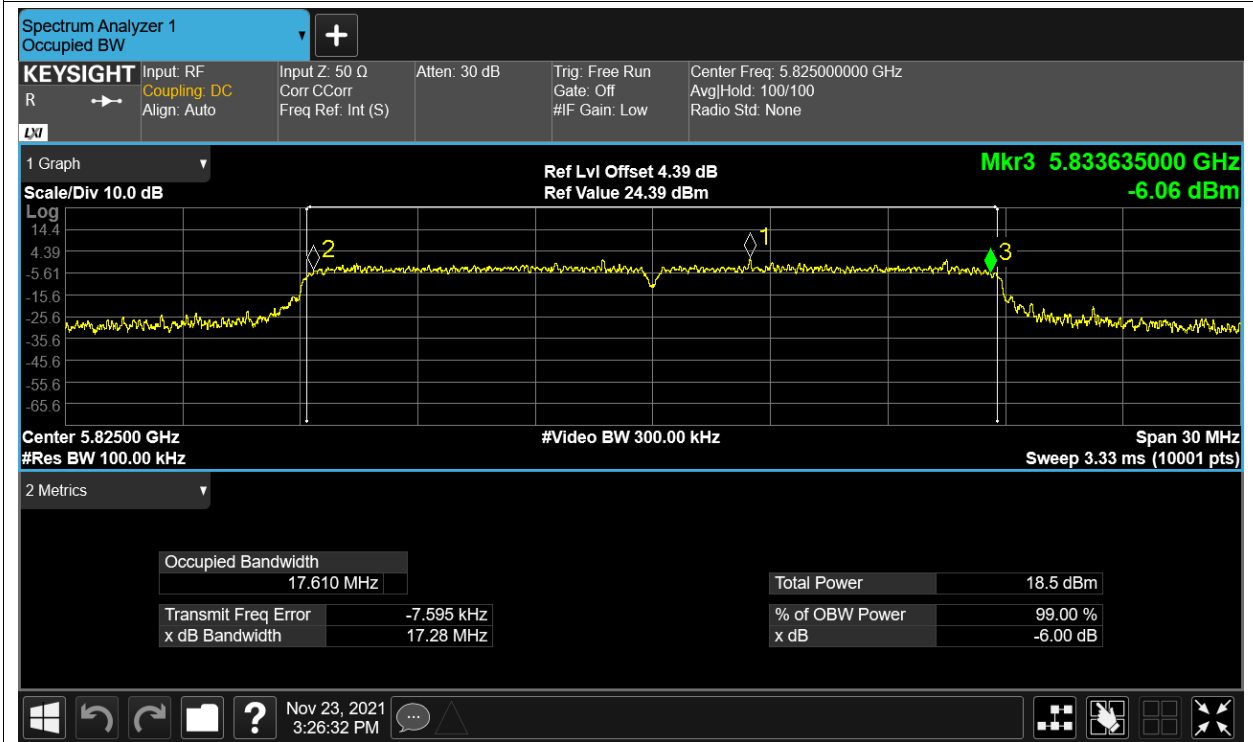
-6dB Bandwidth NVNT ac20 5745MHz Ant1



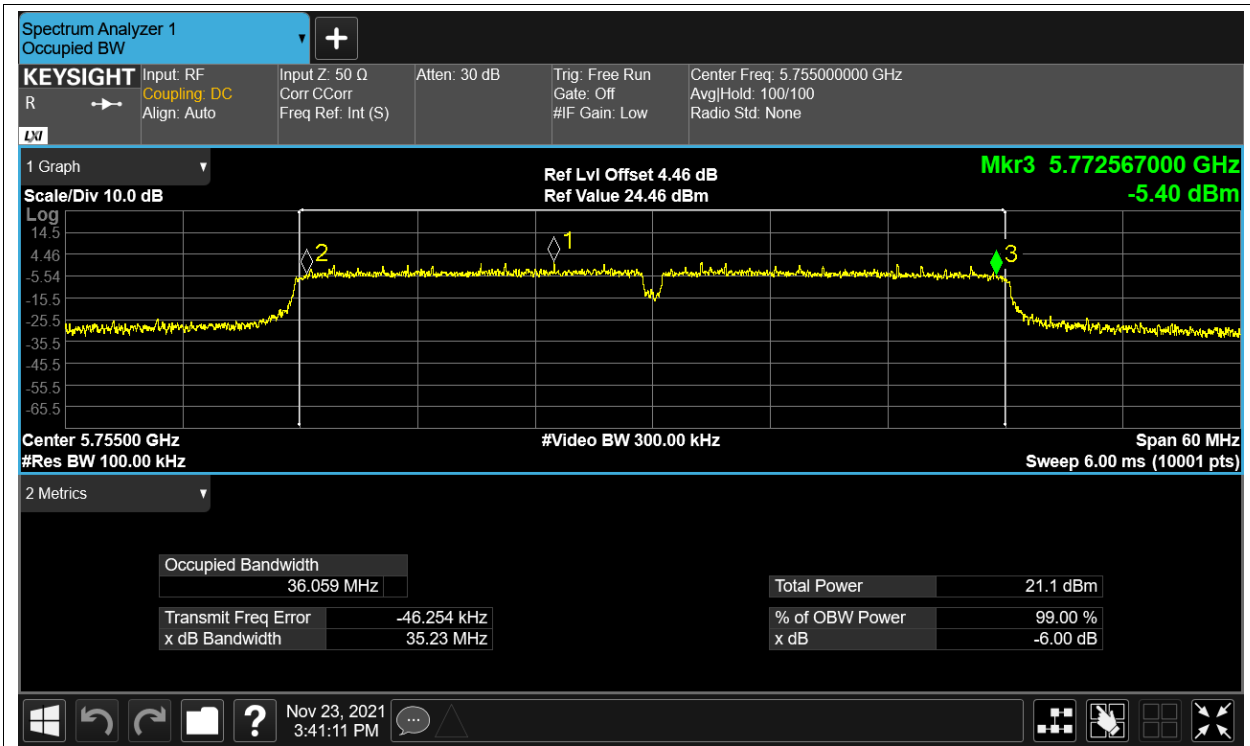
-6dB Bandwidth NVNT ac20 5785MHz Ant1



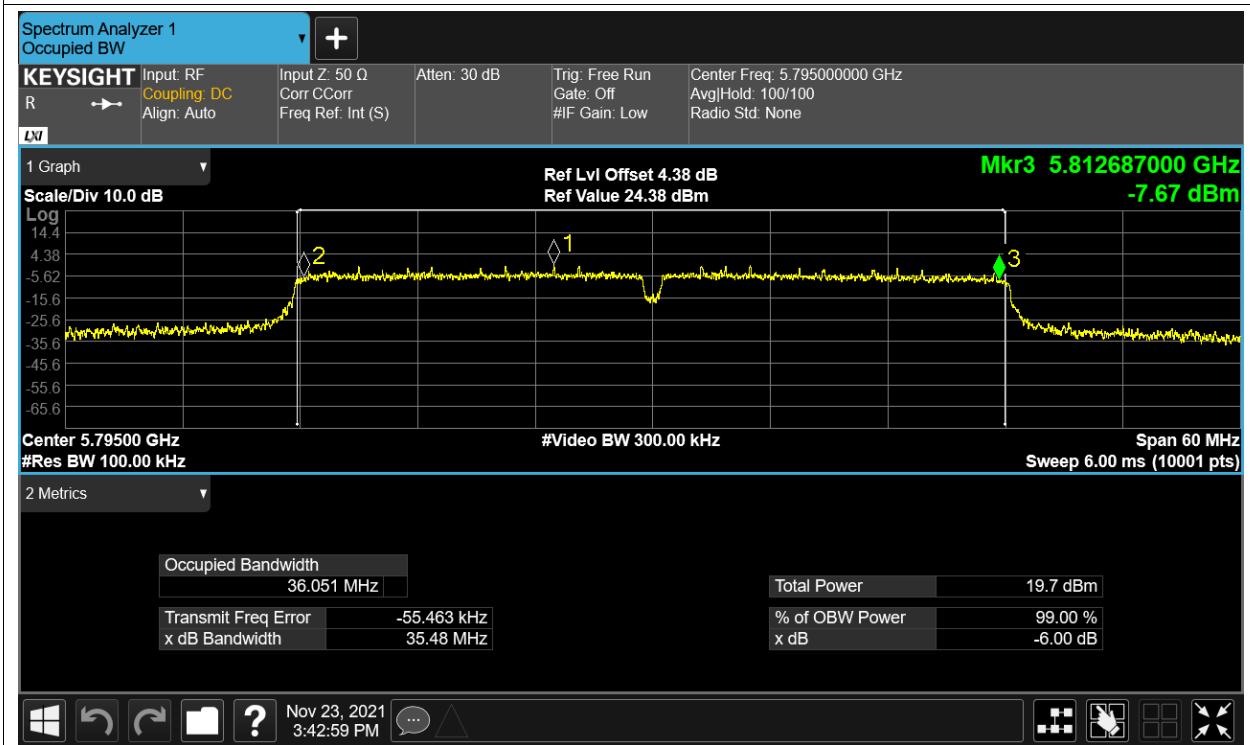
-6dB Bandwidth NVNT ac20 5825MHz Ant1



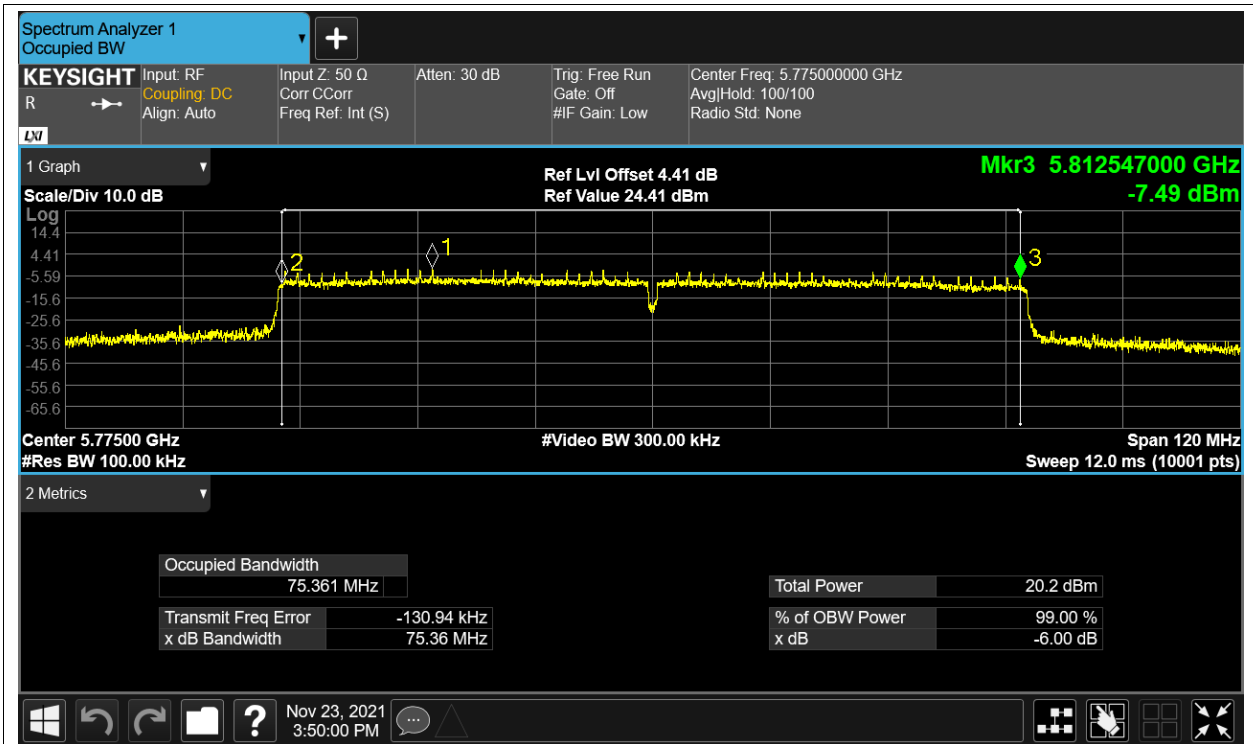
-6dB Bandwidth NVNT ac40 5755MHz Ant1



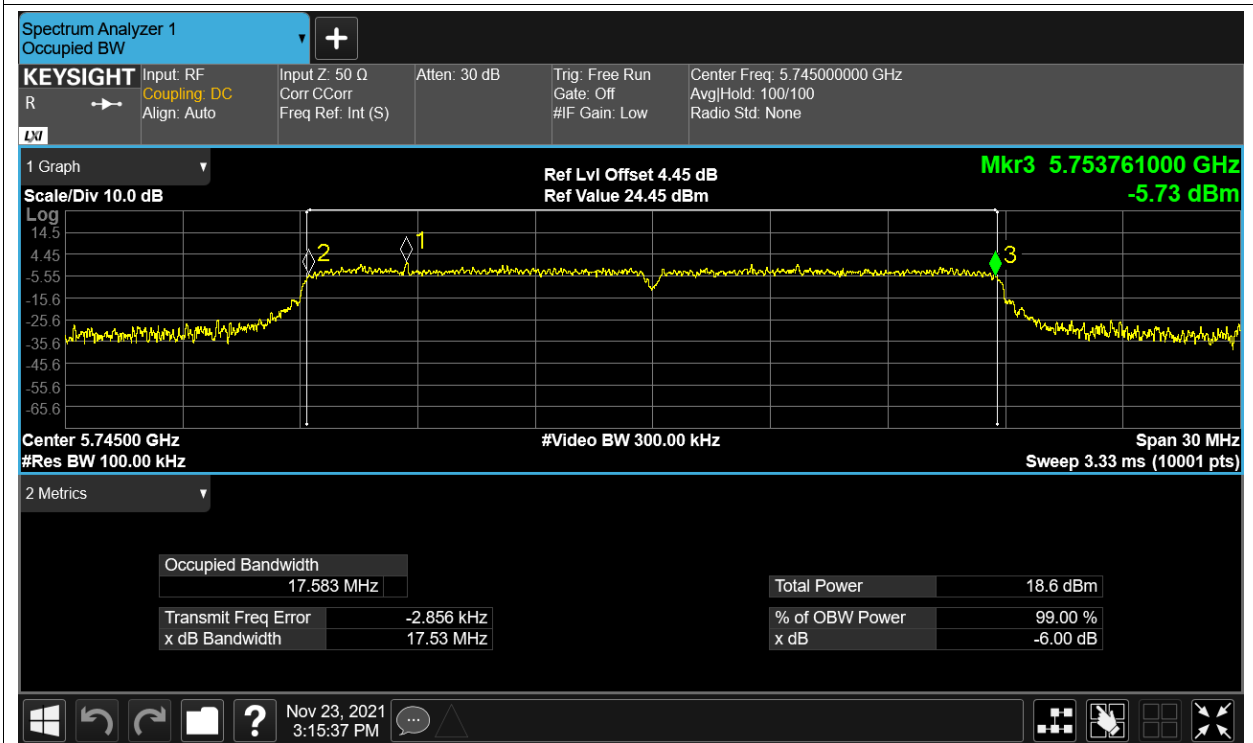
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

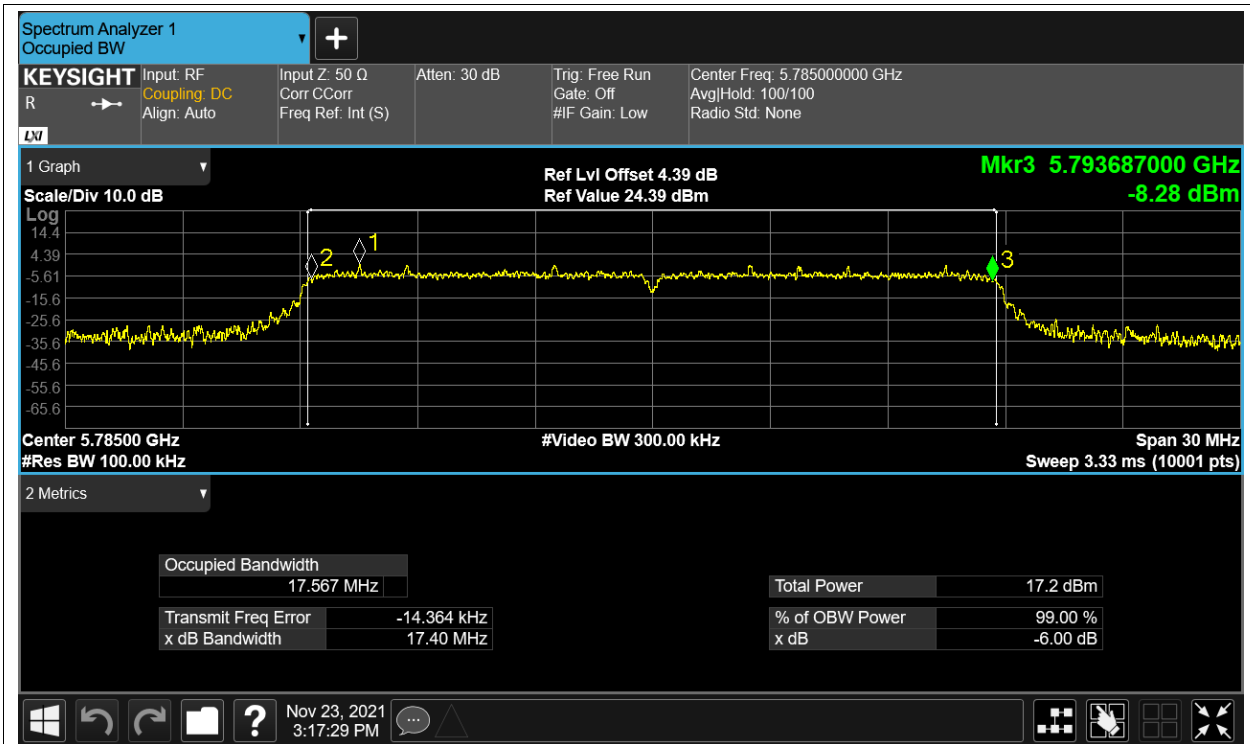


-6dB Bandwidth NVNT n20 5745MHz Ant1

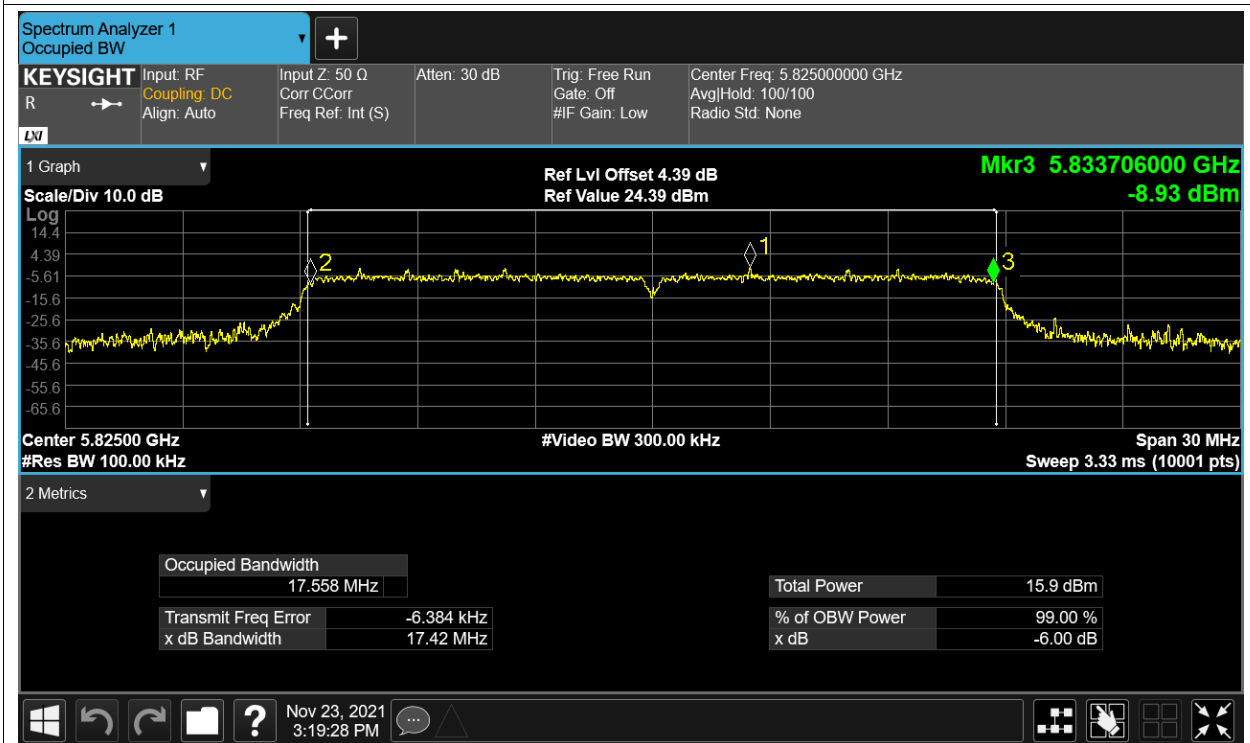


-6dB Bandwidth NVNT n20 5785MHz Ant1

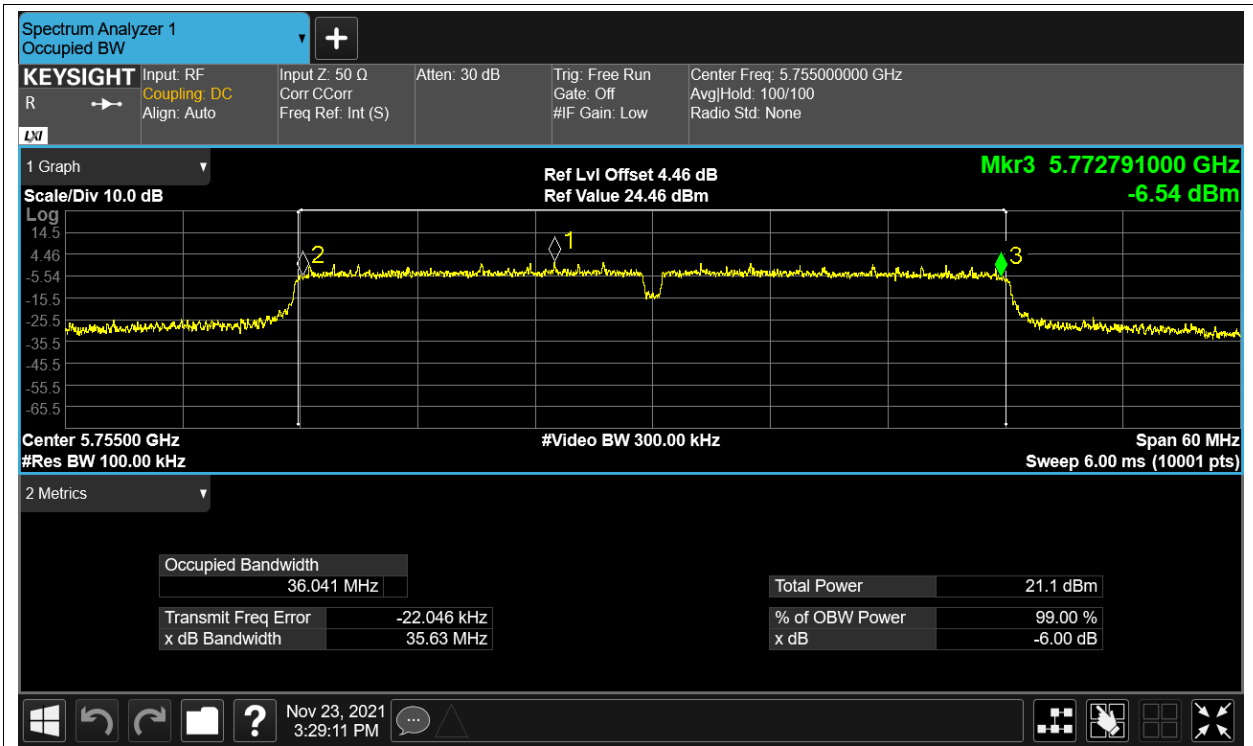




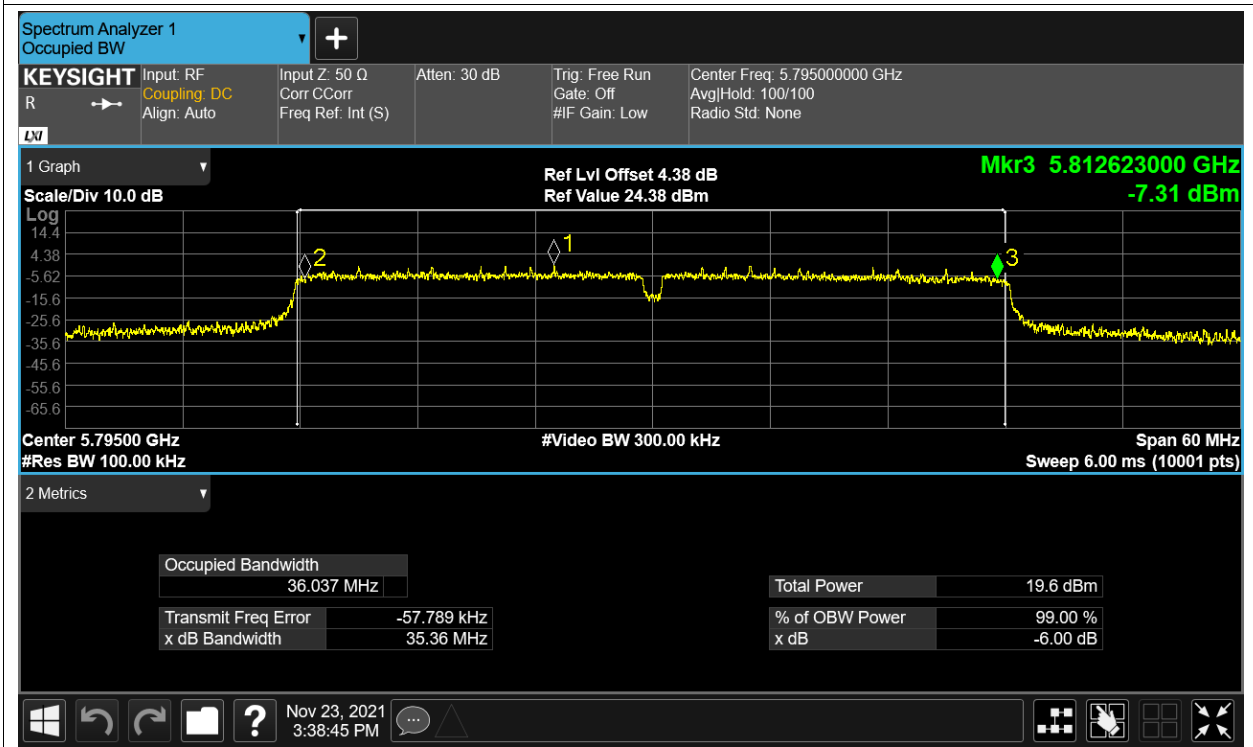
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

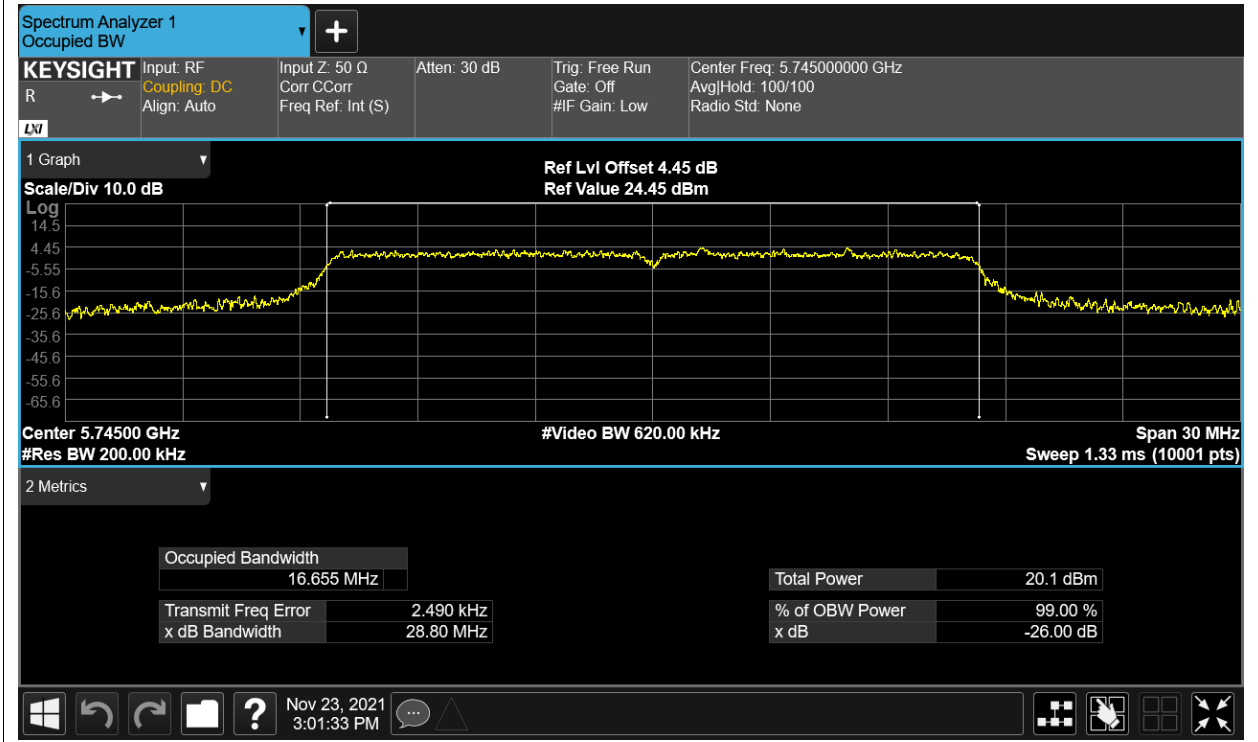


## Occupied Channel Bandwidth

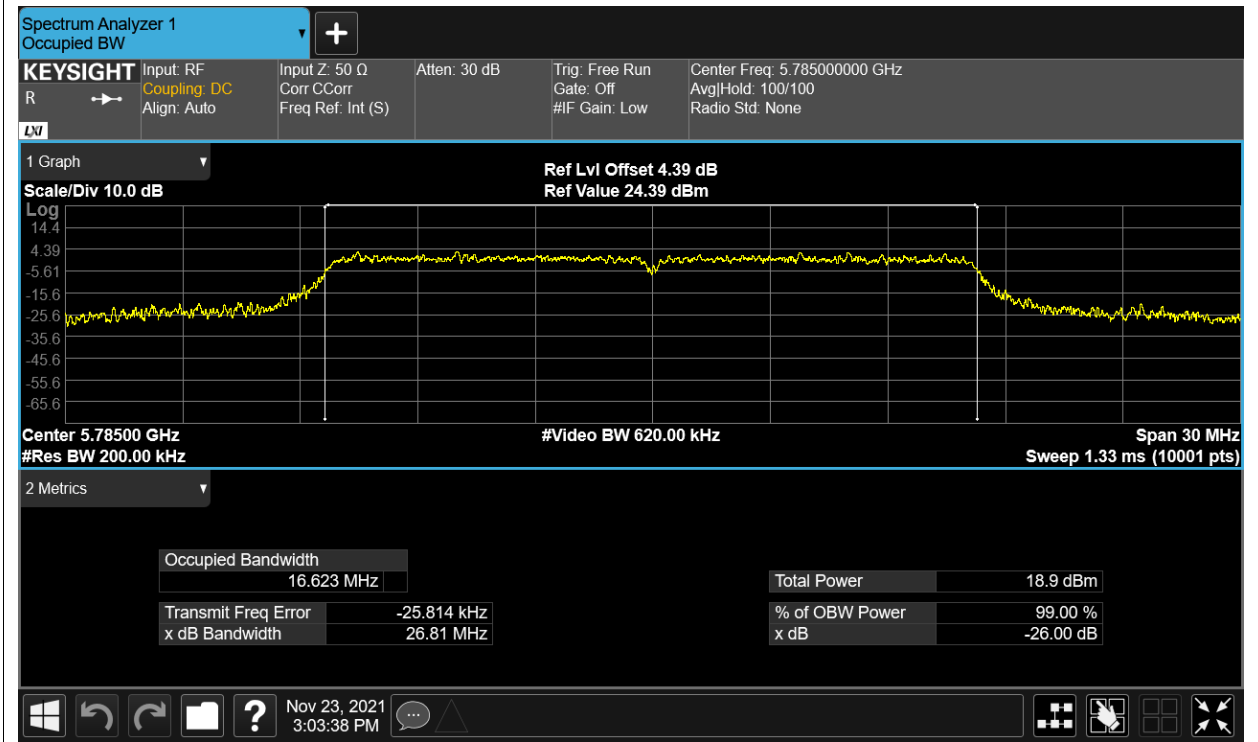
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.65539433
NVNT	a	5785	Ant1	16.62280466
NVNT	a	5825	Ant1	16.61623242
NVNT	ac20	5745	Ant1	17.71457977
NVNT	ac20	5785	Ant1	17.69138412
NVNT	ac20	5825	Ant1	17.67011991
NVNT	ac40	5755	Ant1	36.22882349
NVNT	ac40	5795	Ant1	36.12822543
NVNT	ac80	5775	Ant1	75.5087252
NVNT	n20	5745	Ant1	17.63195053
NVNT	n20	5785	Ant1	17.64301296
NVNT	n20	5825	Ant1	17.62876304
NVNT	n40	5755	Ant1	36.16454027
NVNT	n40	5795	Ant1	36.23684109

Test Graphs

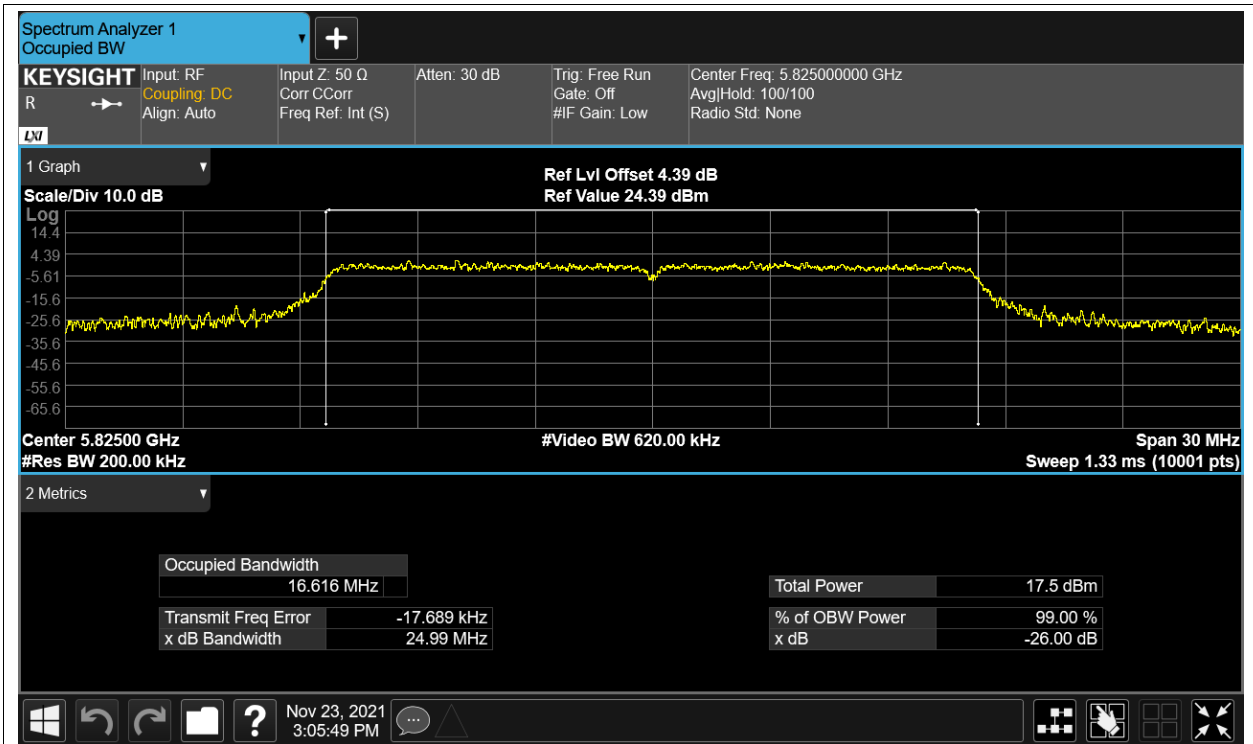
OBW NVNT a 5745MHz Ant1



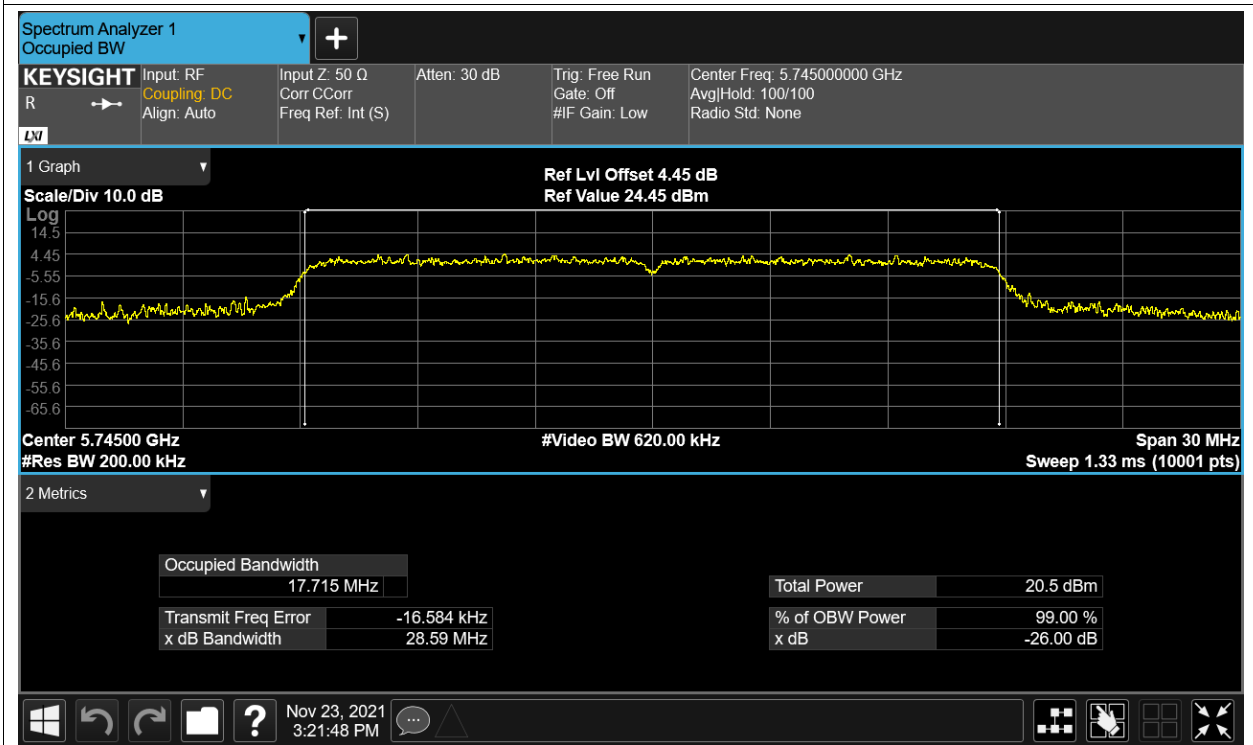
OBW NVNT a 5785MHz Ant1



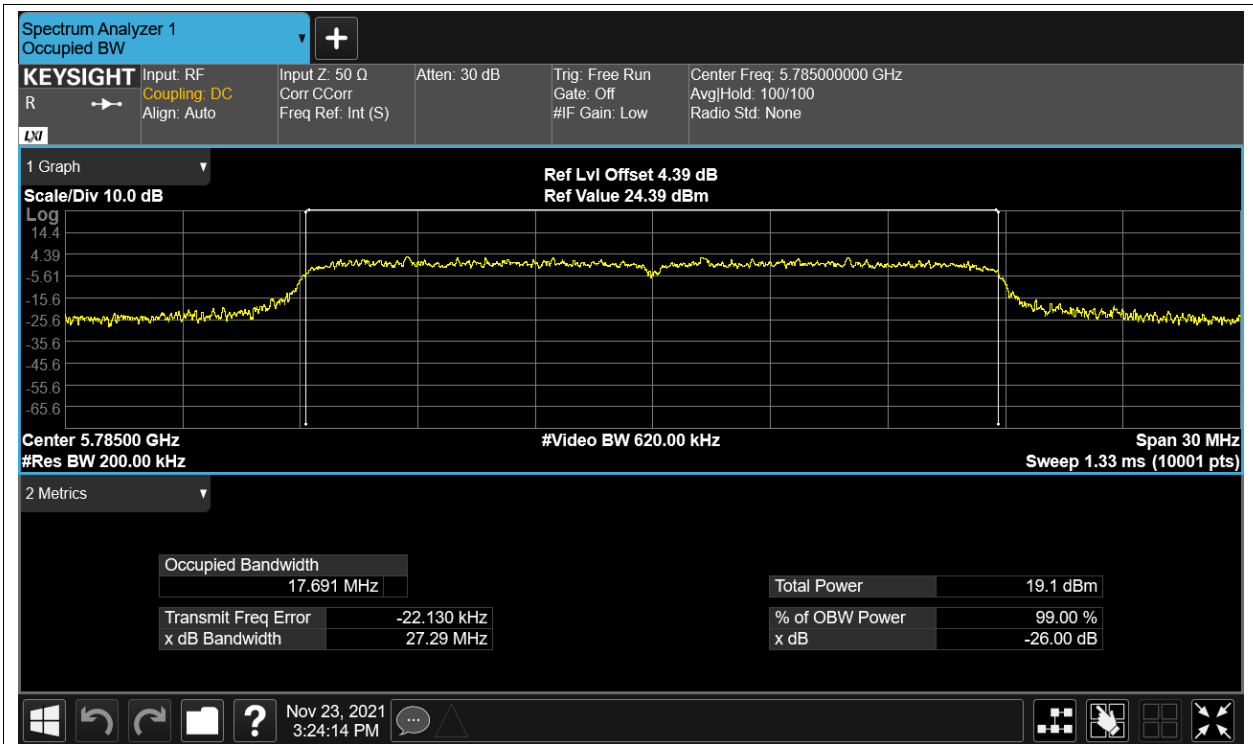
OBW NVNT a 5825MHz Ant1



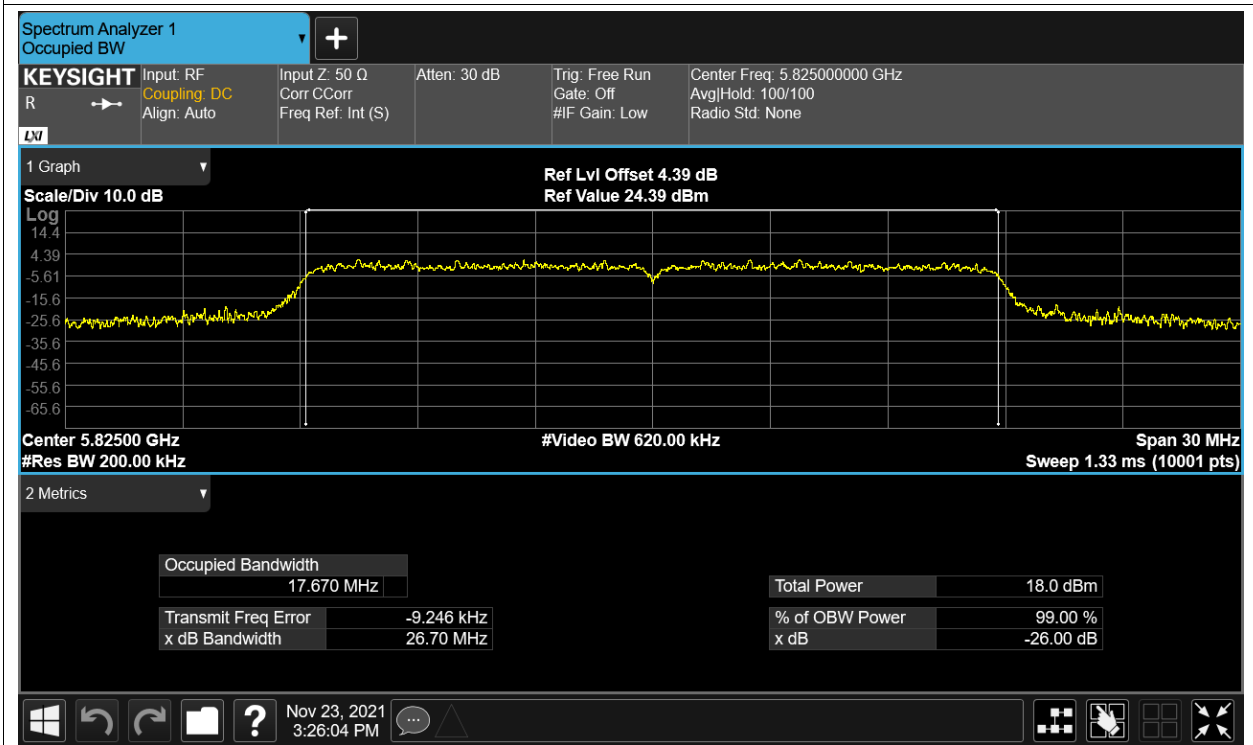
OBW NVNT ac20 5745MHz Ant1



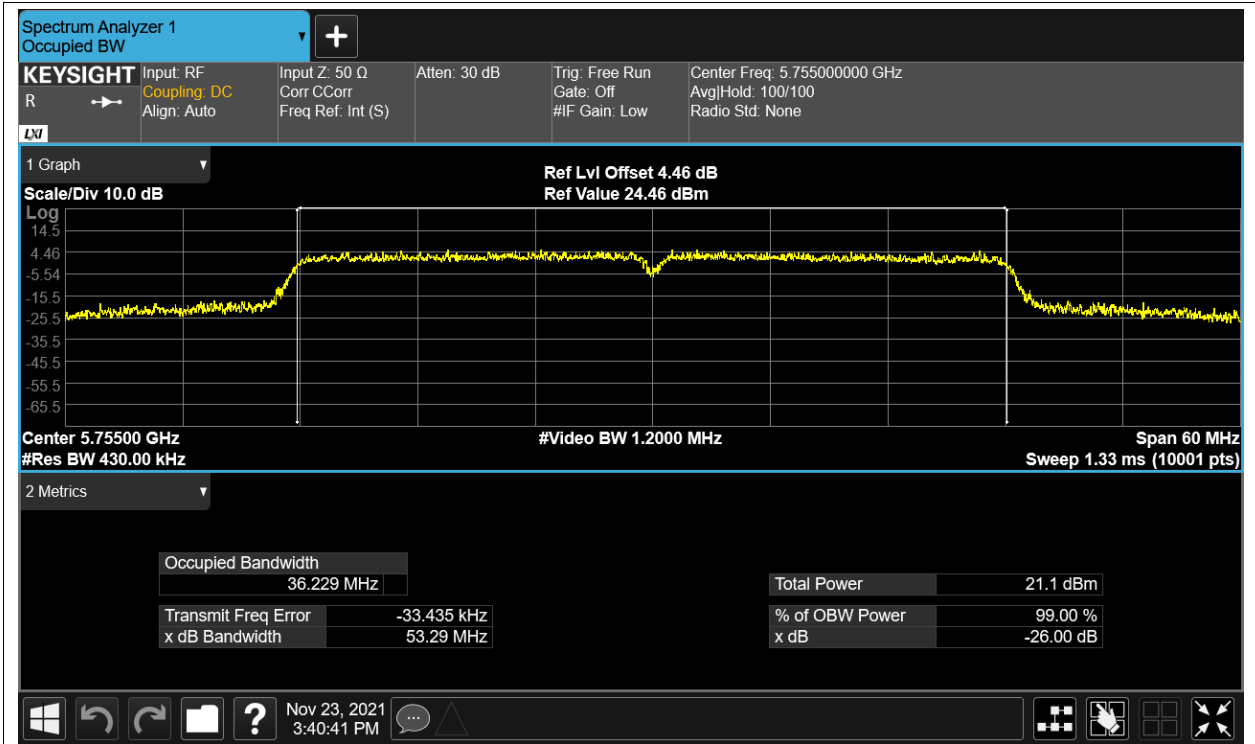
OBW NVNT ac20 5785MHz Ant1



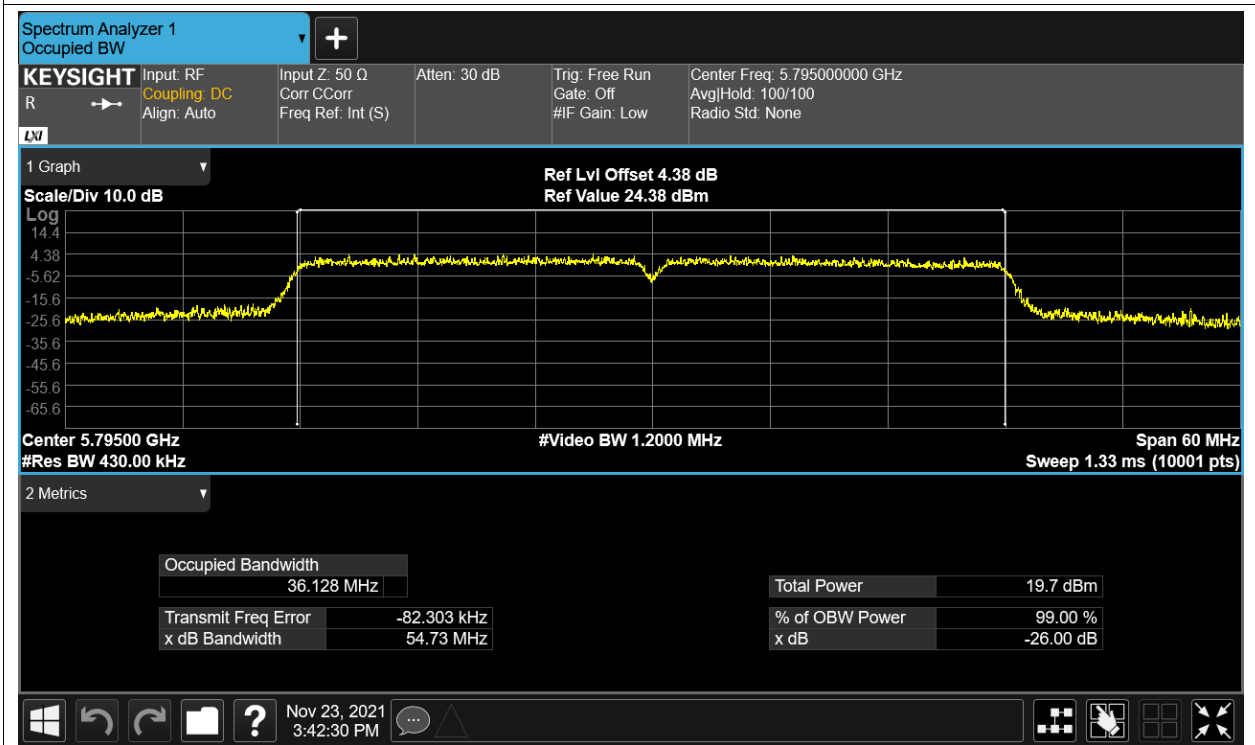
OBW NVNT ac20 5825MHz Ant1



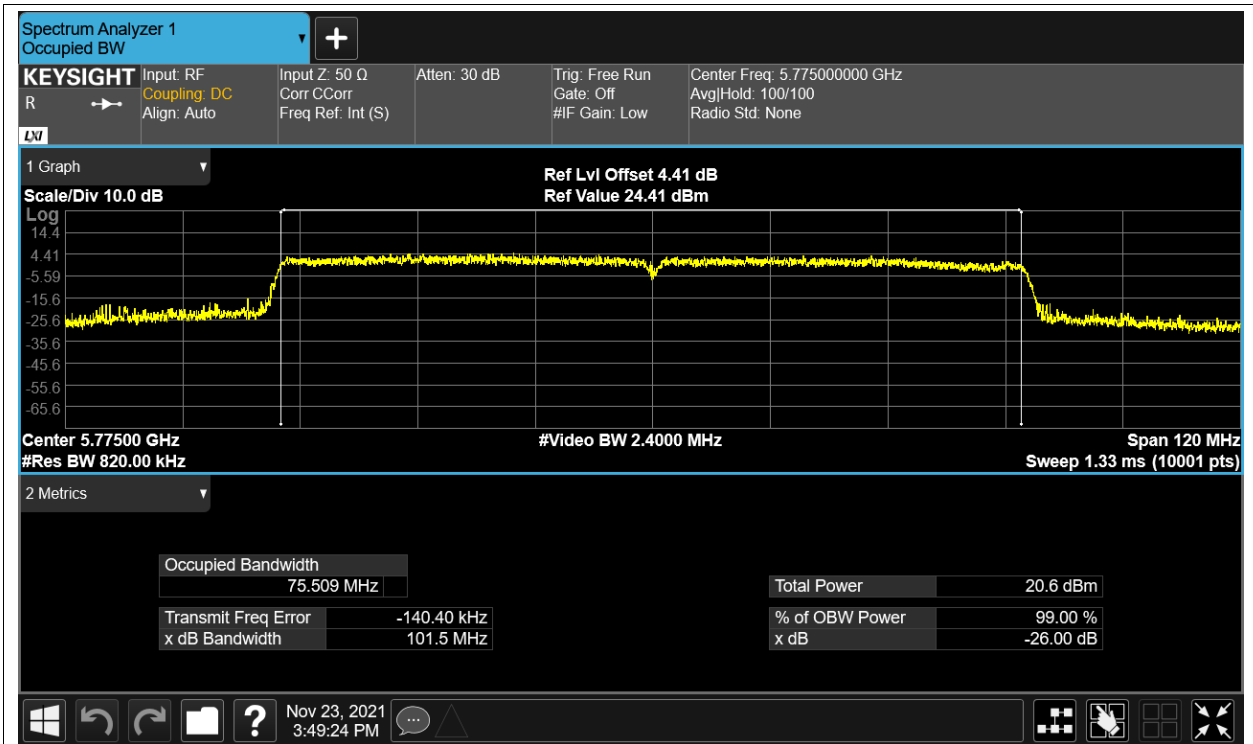
OBW NVNT ac40 5755MHz Ant1



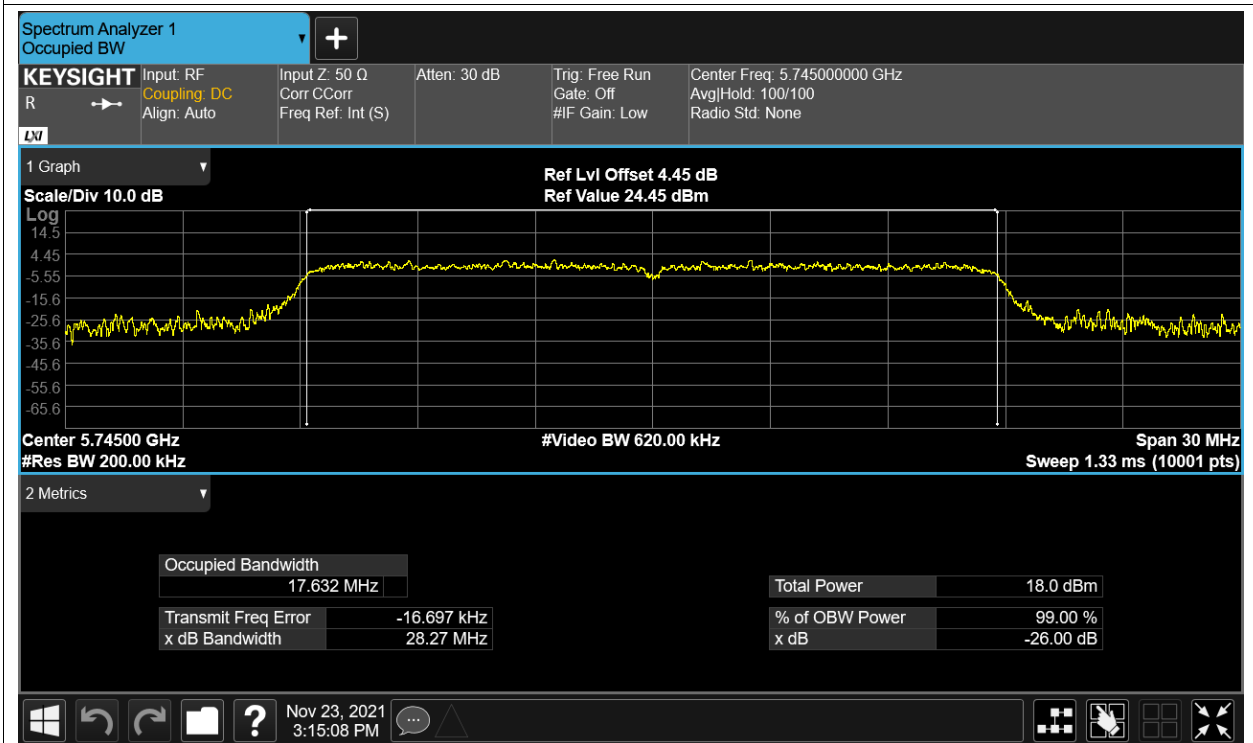
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

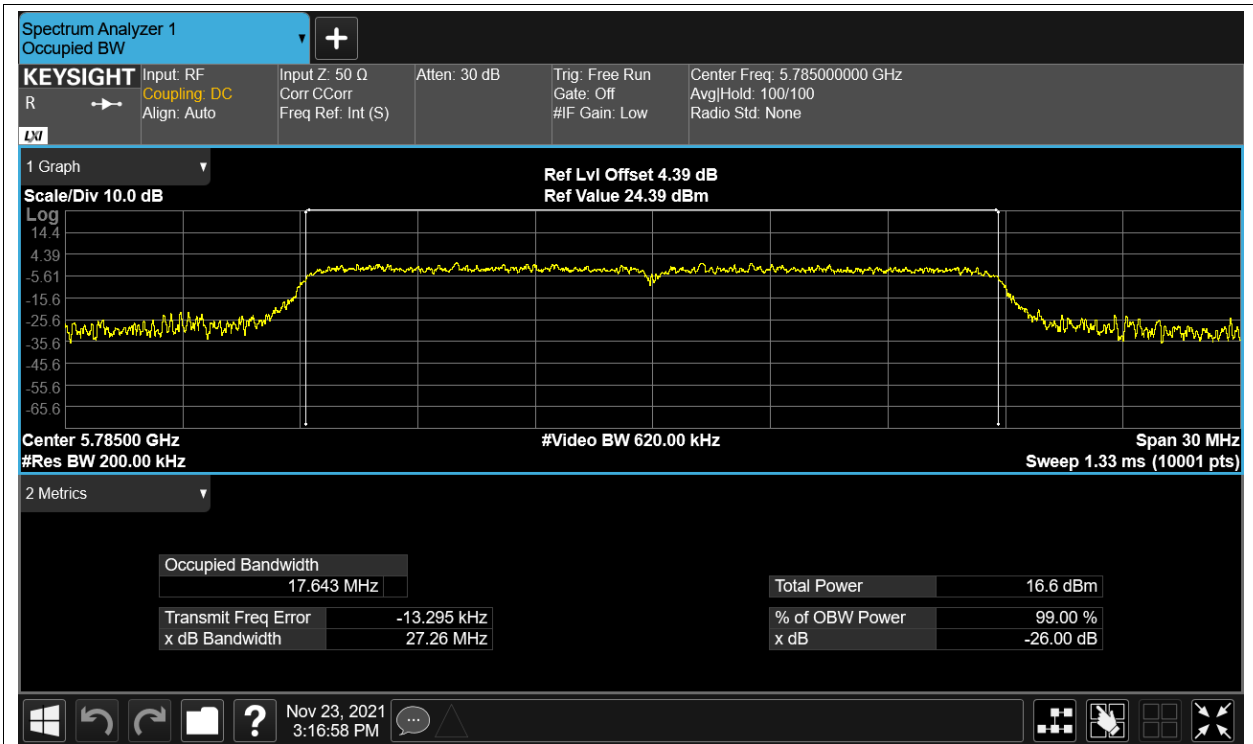


OBW NVNT n20 5745MHz Ant1

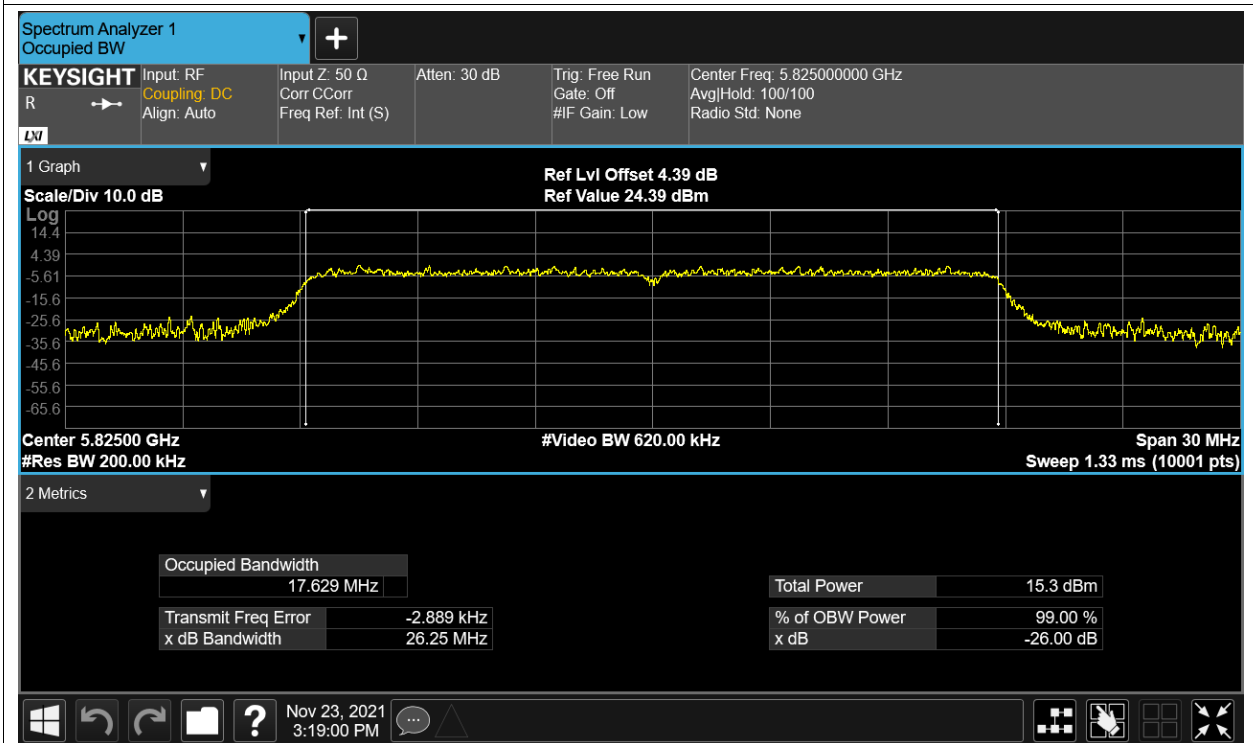


OBW NVNT n20 5785MHz Ant1

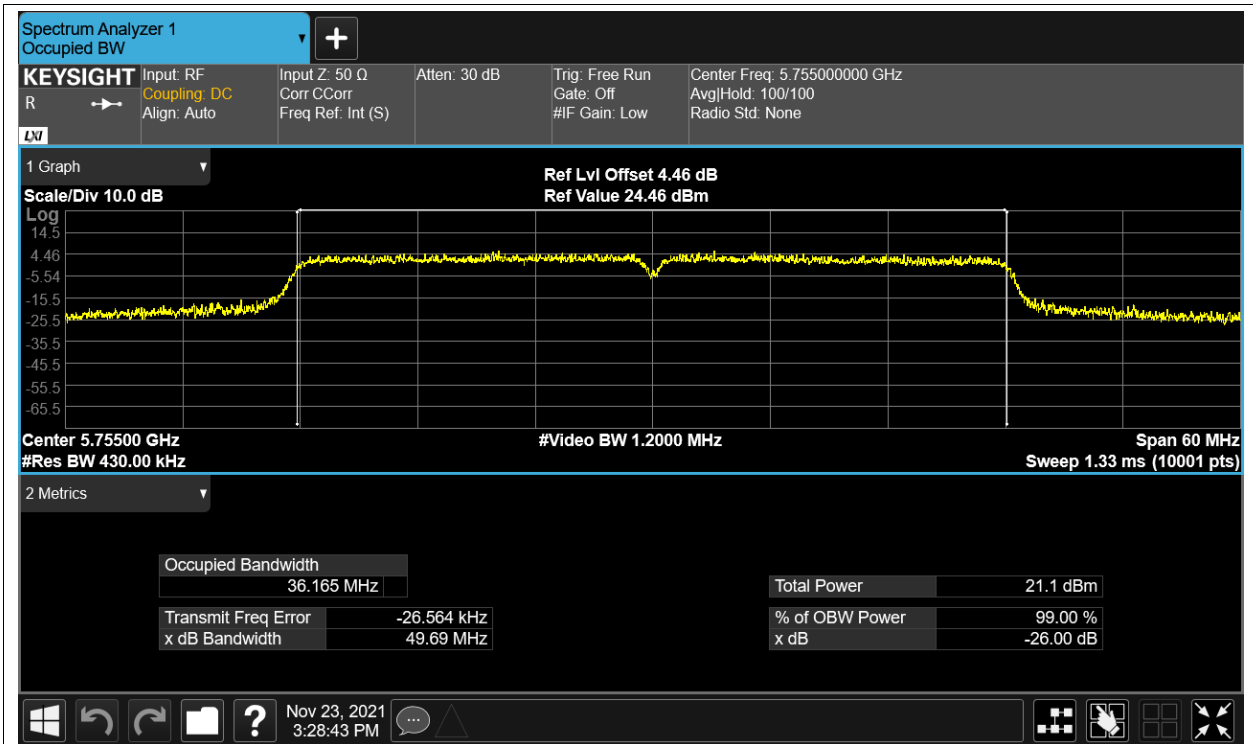




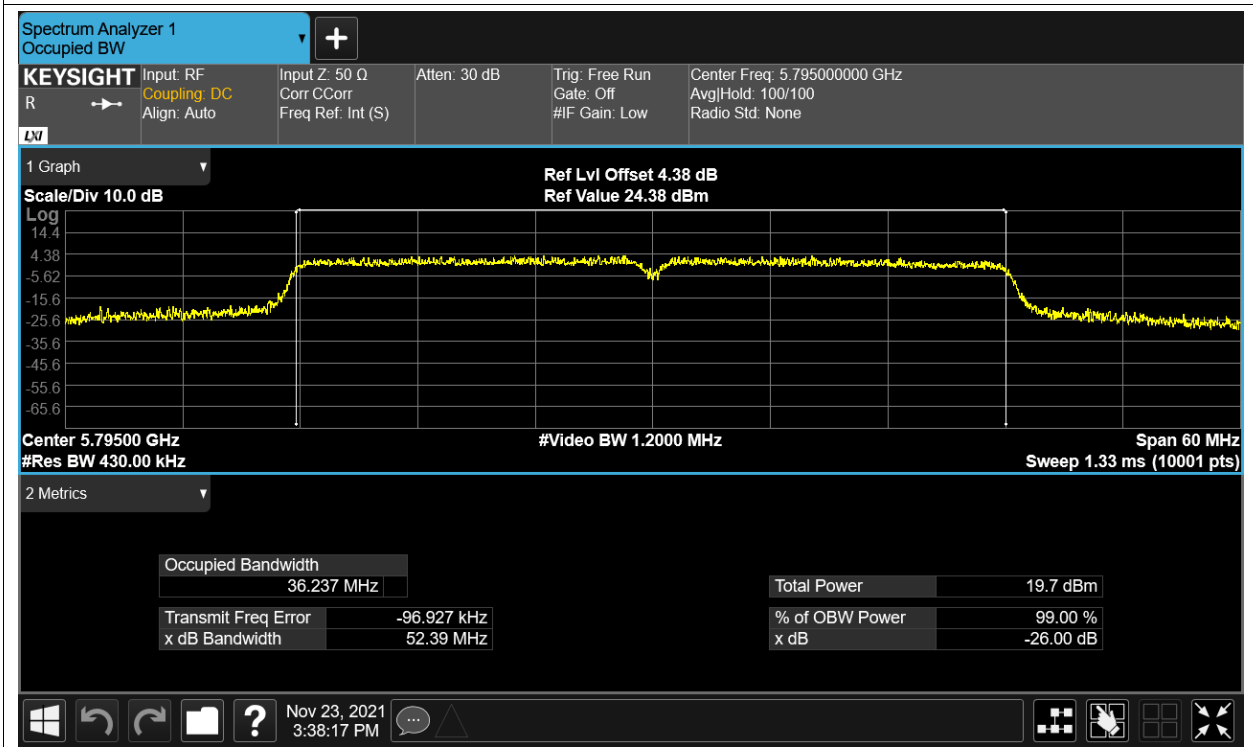
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

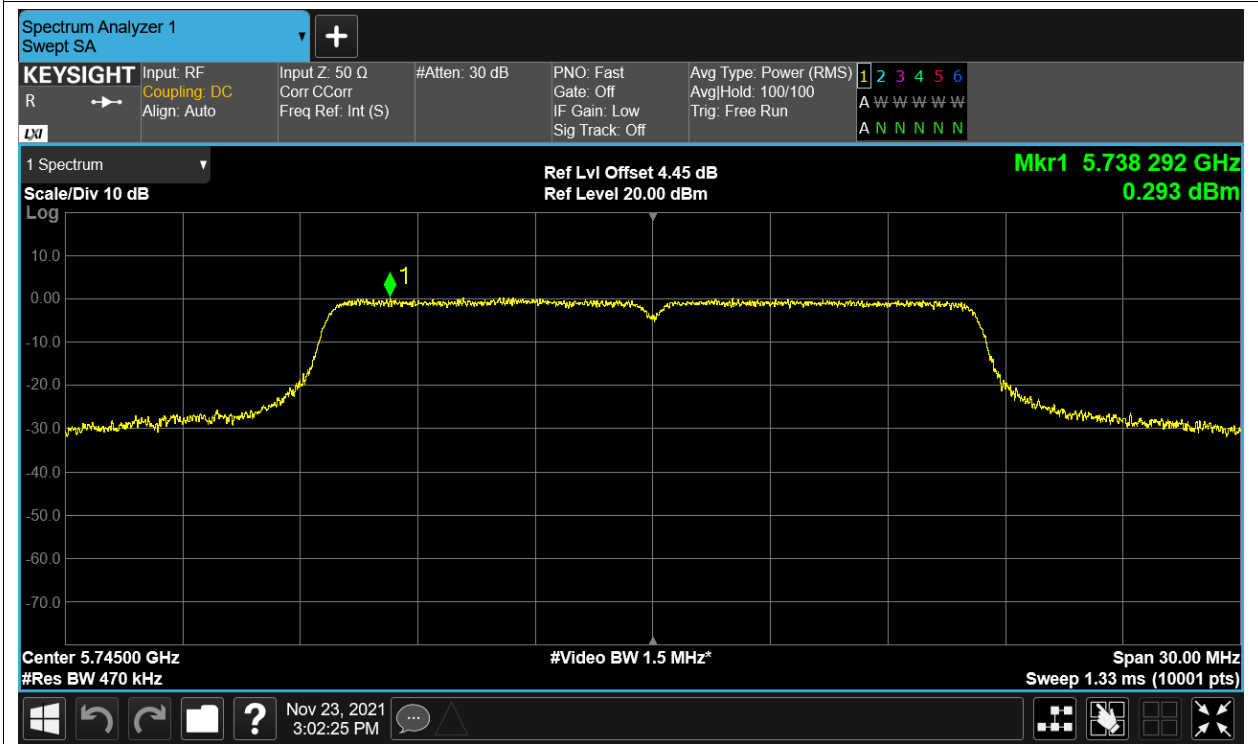


## Maximum Power Spectral Density Level

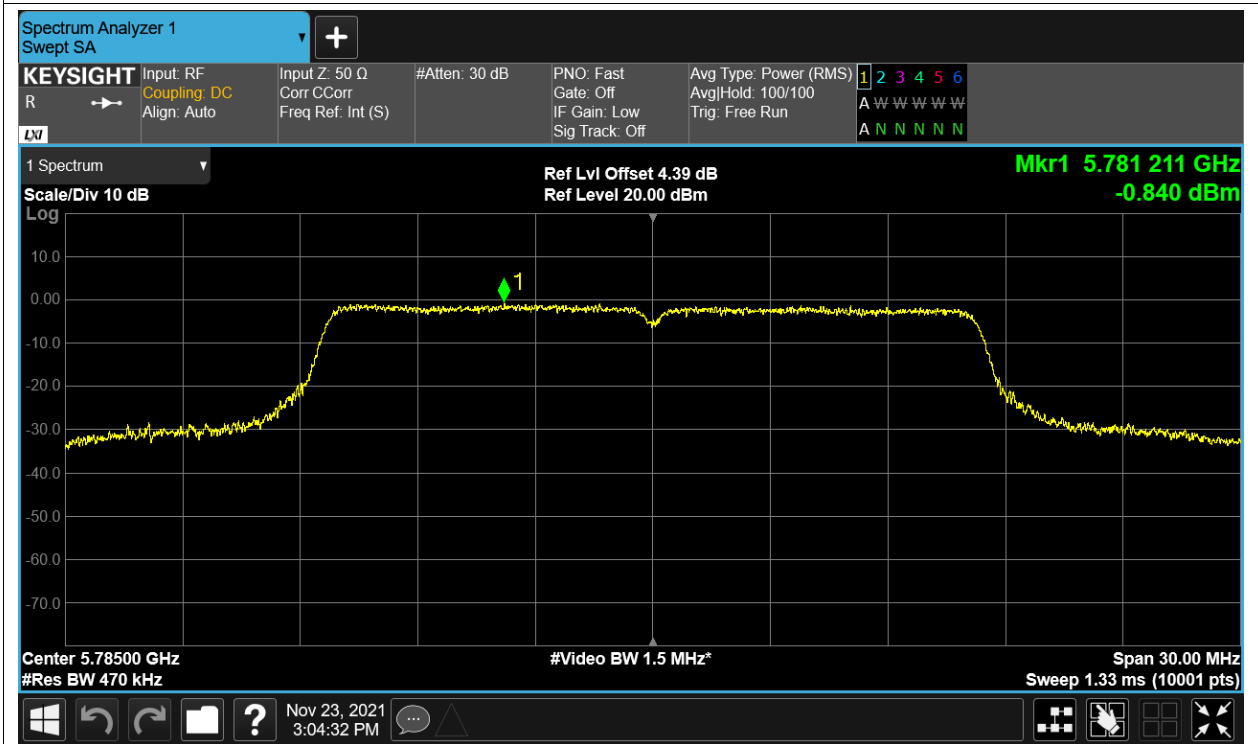
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	0.293	30	Pass
NVNT	a	5785	Ant1	-0.84	30	Pass
NVNT	a	5825	Ant1	-2.361	30	Pass
NVNT	ac20	5745	Ant1	0.421	30	Pass
NVNT	ac20	5785	Ant1	-0.853	30	Pass
NVNT	ac20	5825	Ant1	-2.296	30	Pass
NVNT	ac40	5755	Ant1	-2.277	30	Pass
NVNT	ac40	5795	Ant1	-3.674	30	Pass
NVNT	ac80	5775	Ant1	-6.59	30	Pass
NVNT	n20	5745	Ant1	-1.613	30	Pass
NVNT	n20	5785	Ant1	-3.134	30	Pass
NVNT	n20	5825	Ant1	-4.81	30	Pass
NVNT	n40	5755	Ant1	-2.367	30	Pass
NVNT	n40	5795	Ant1	-3.433	30	Pass

Test Graphs

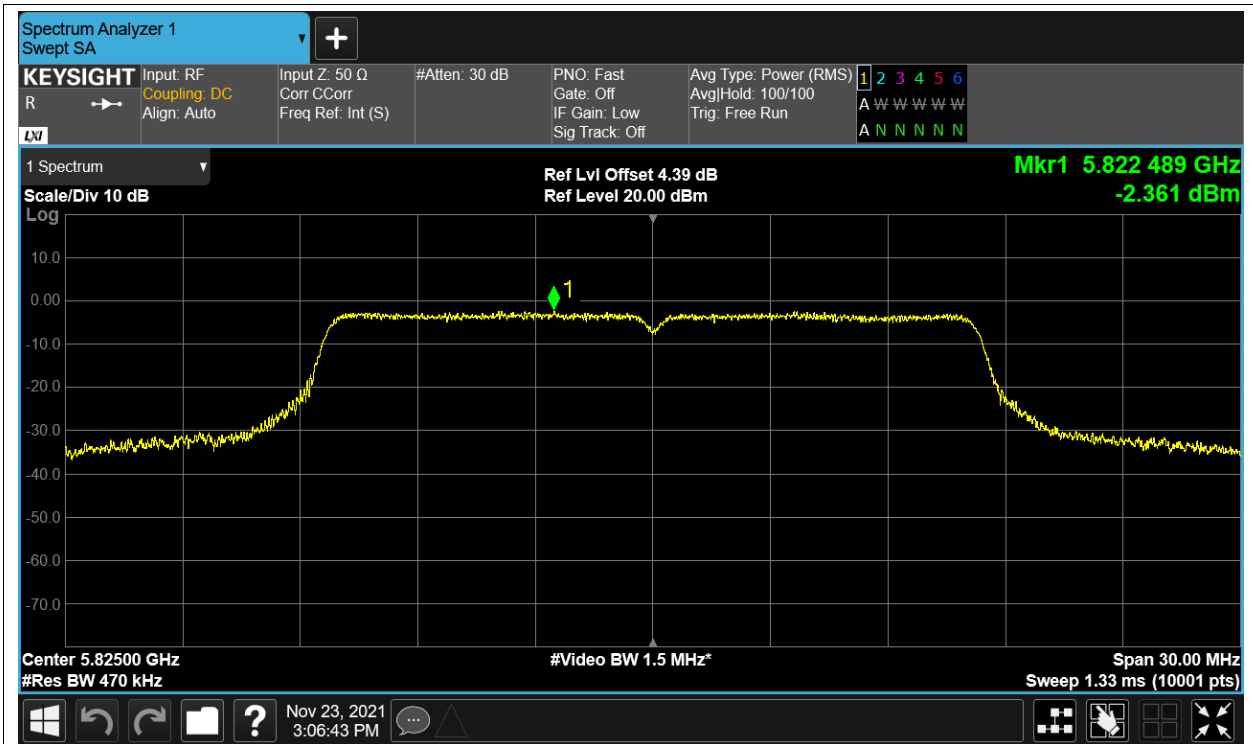
PSD NVNT a 5745MHz Ant1



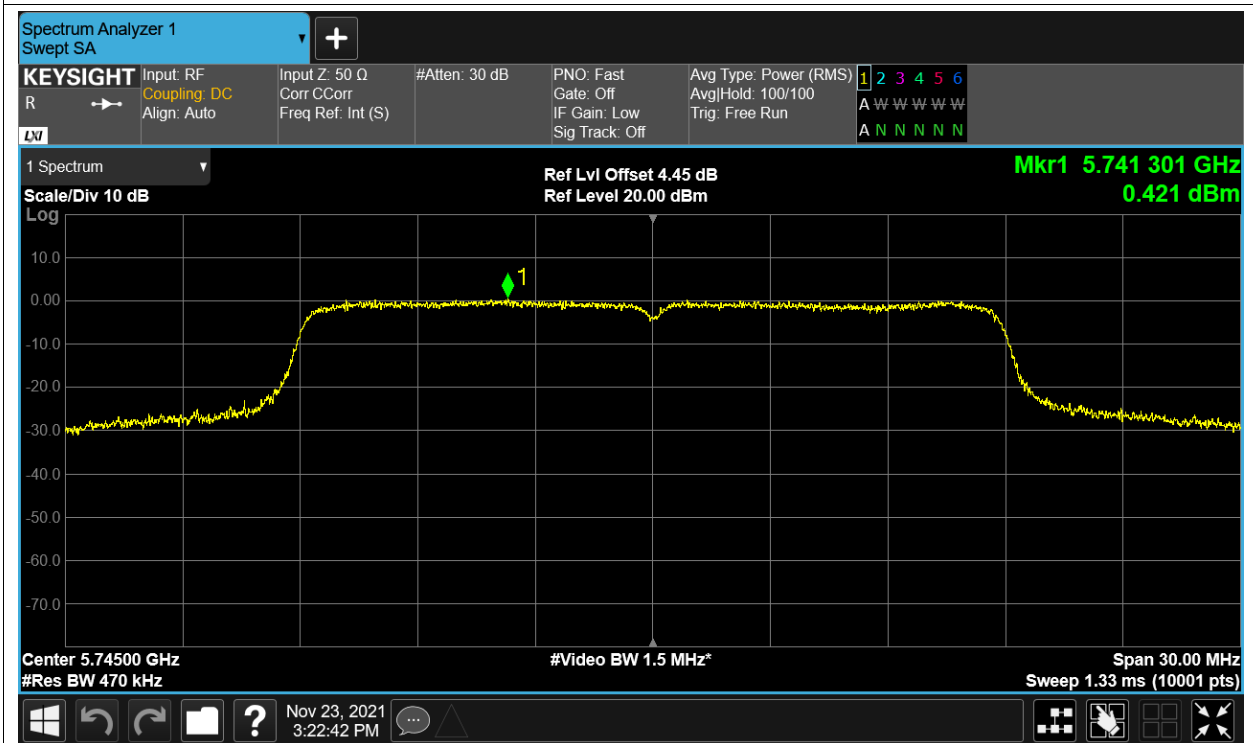
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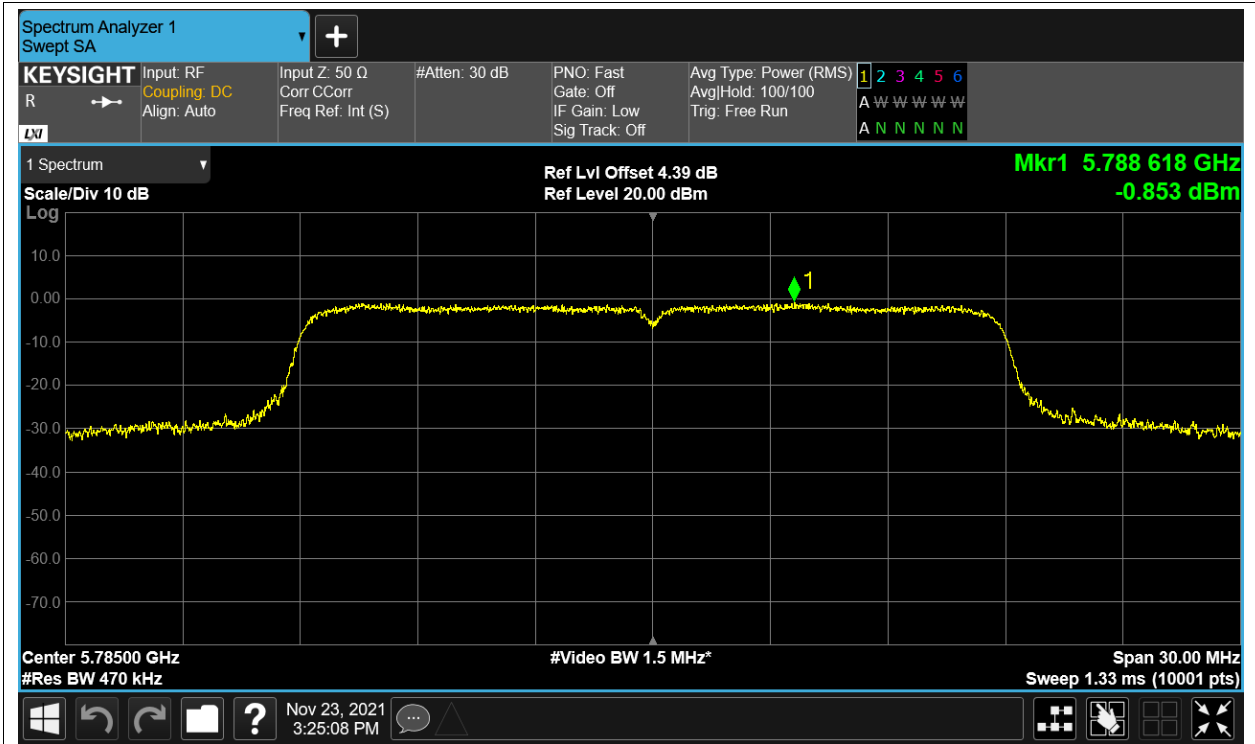
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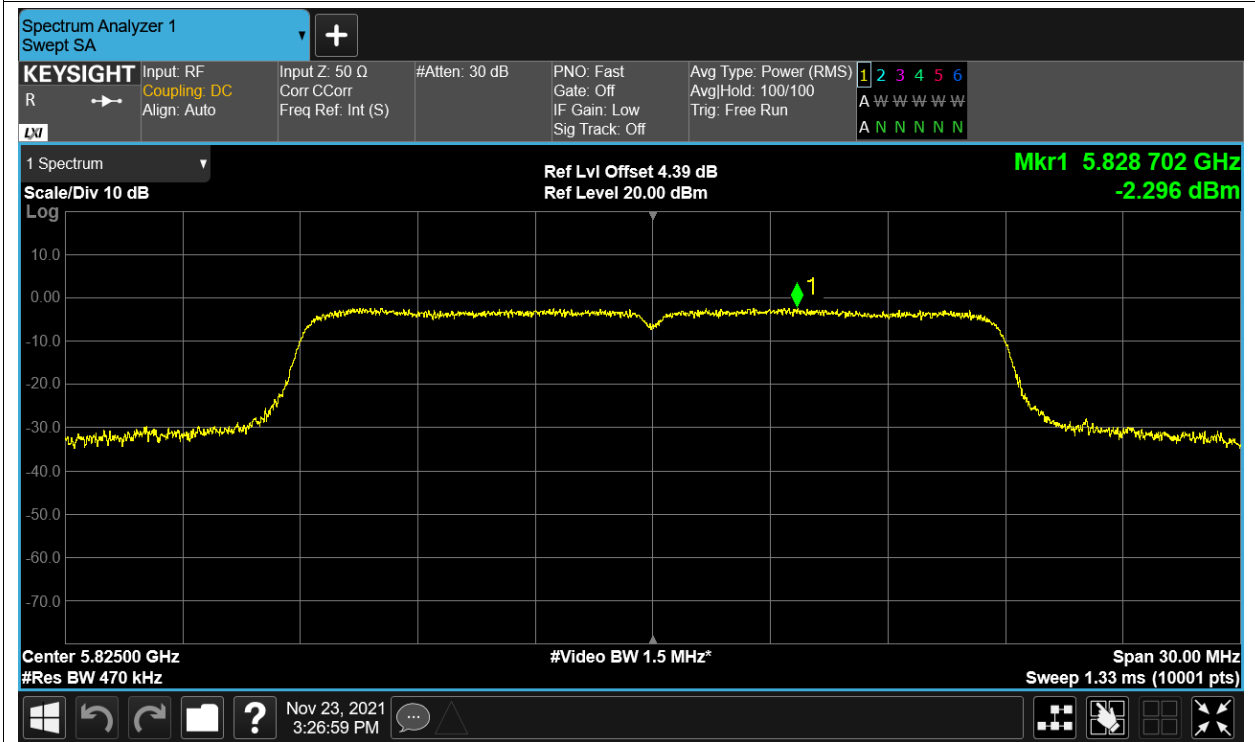
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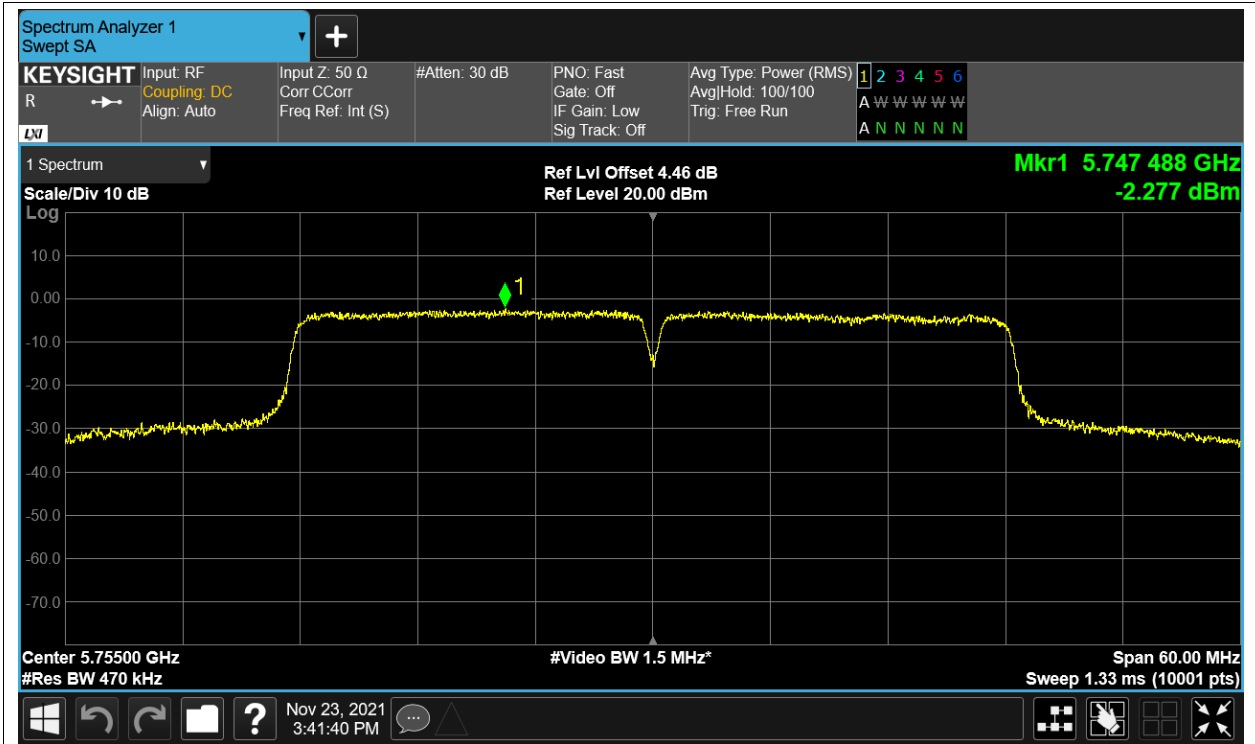
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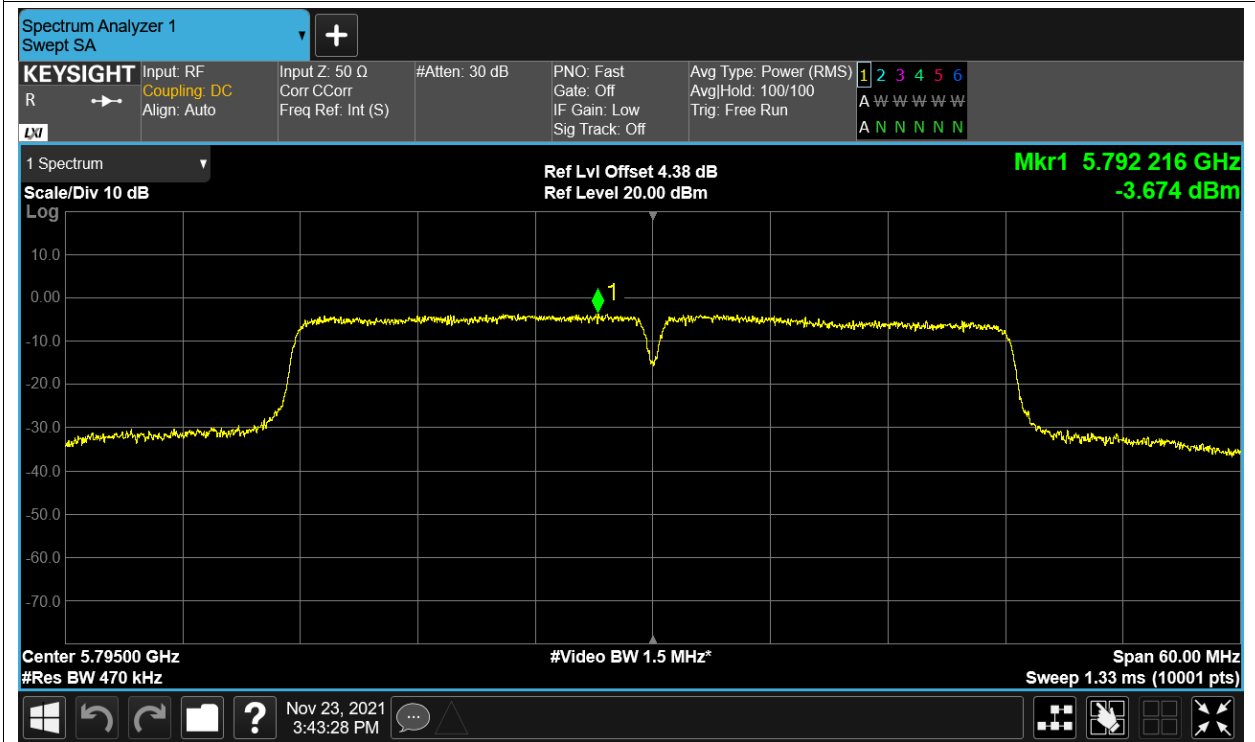
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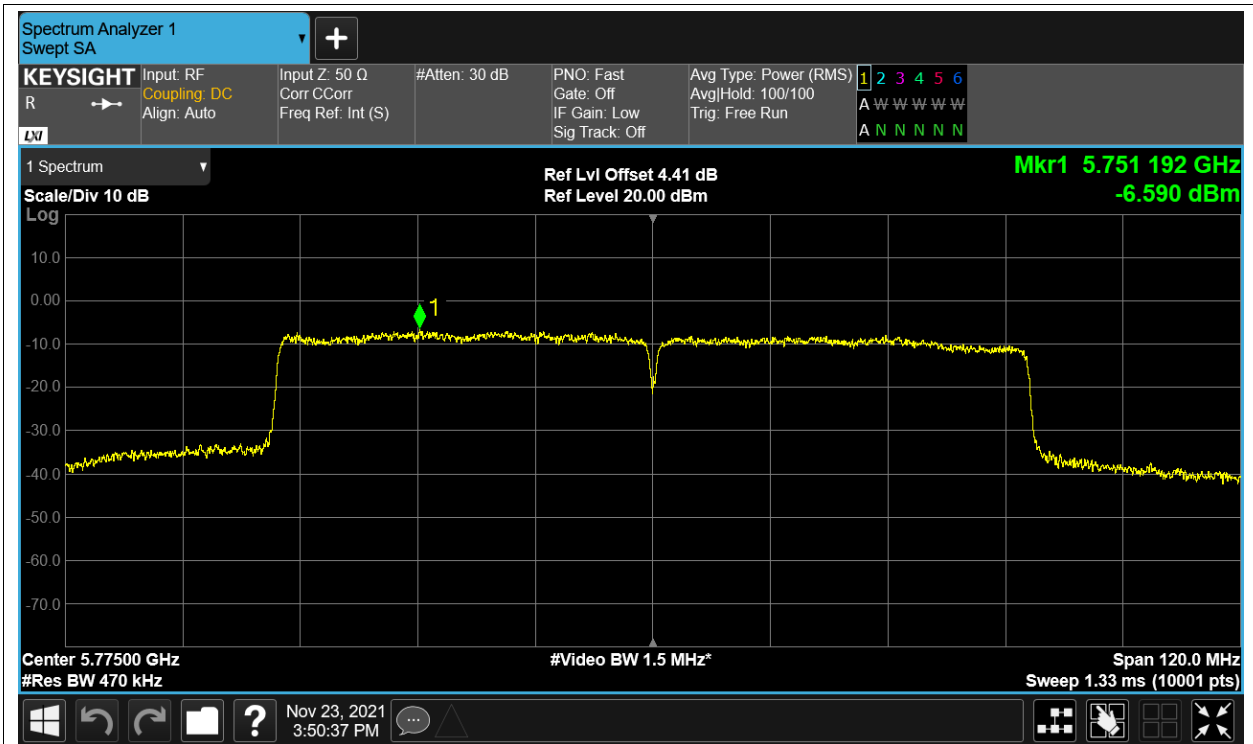
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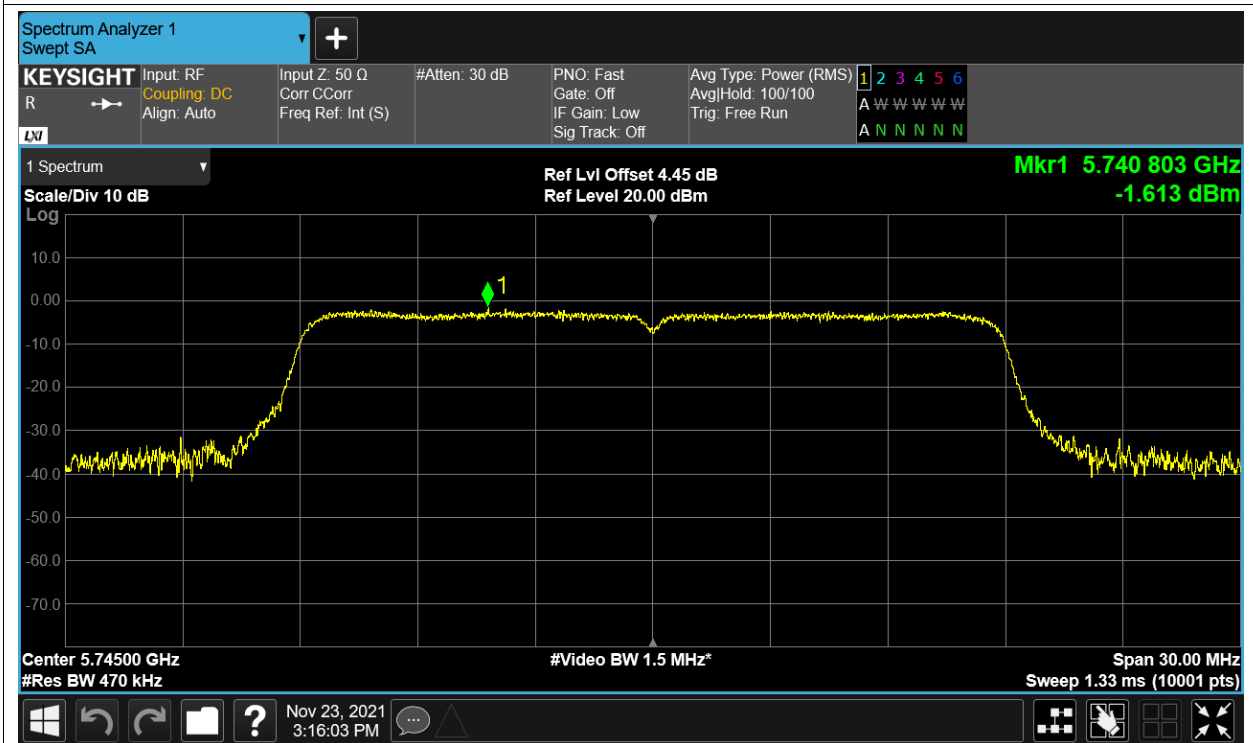
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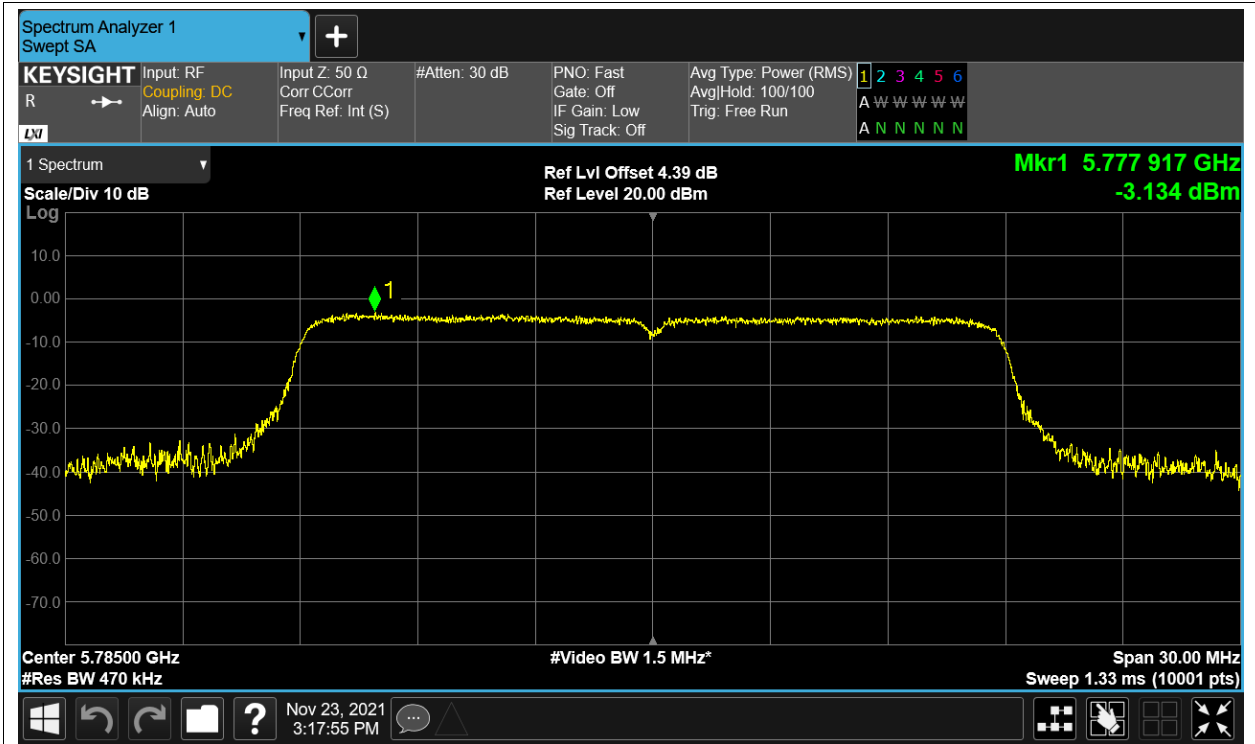


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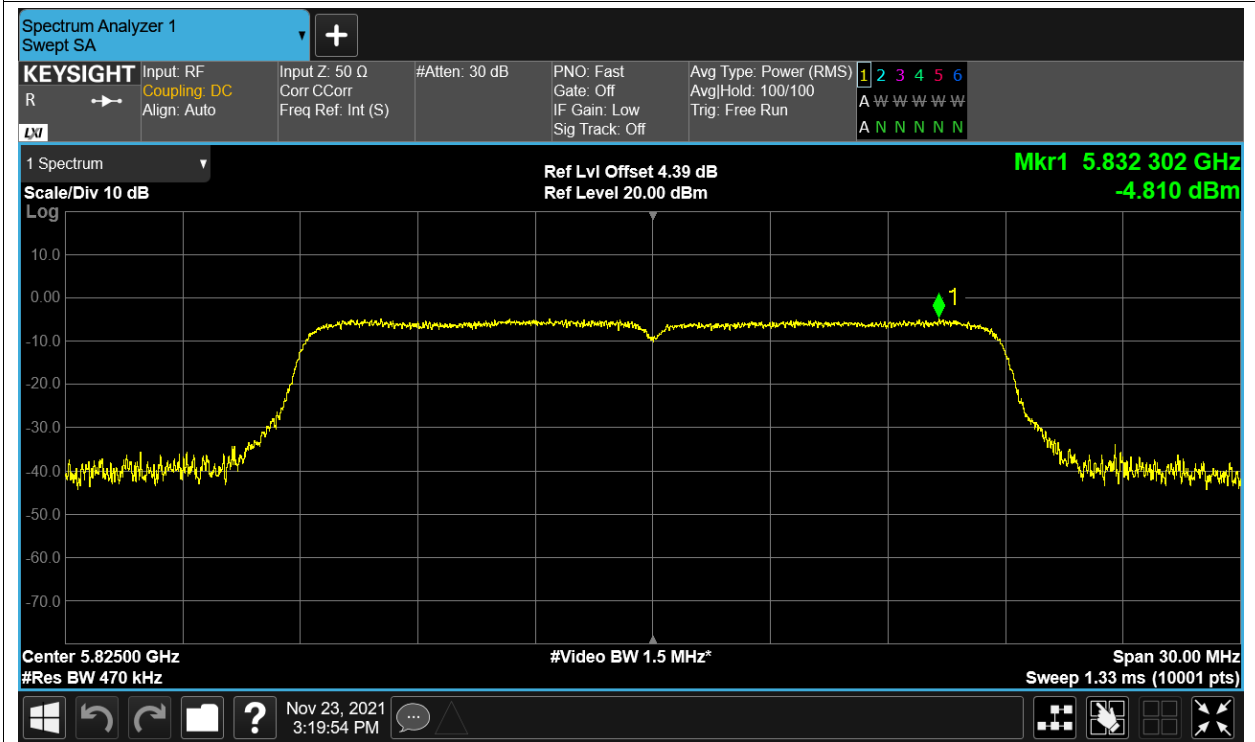


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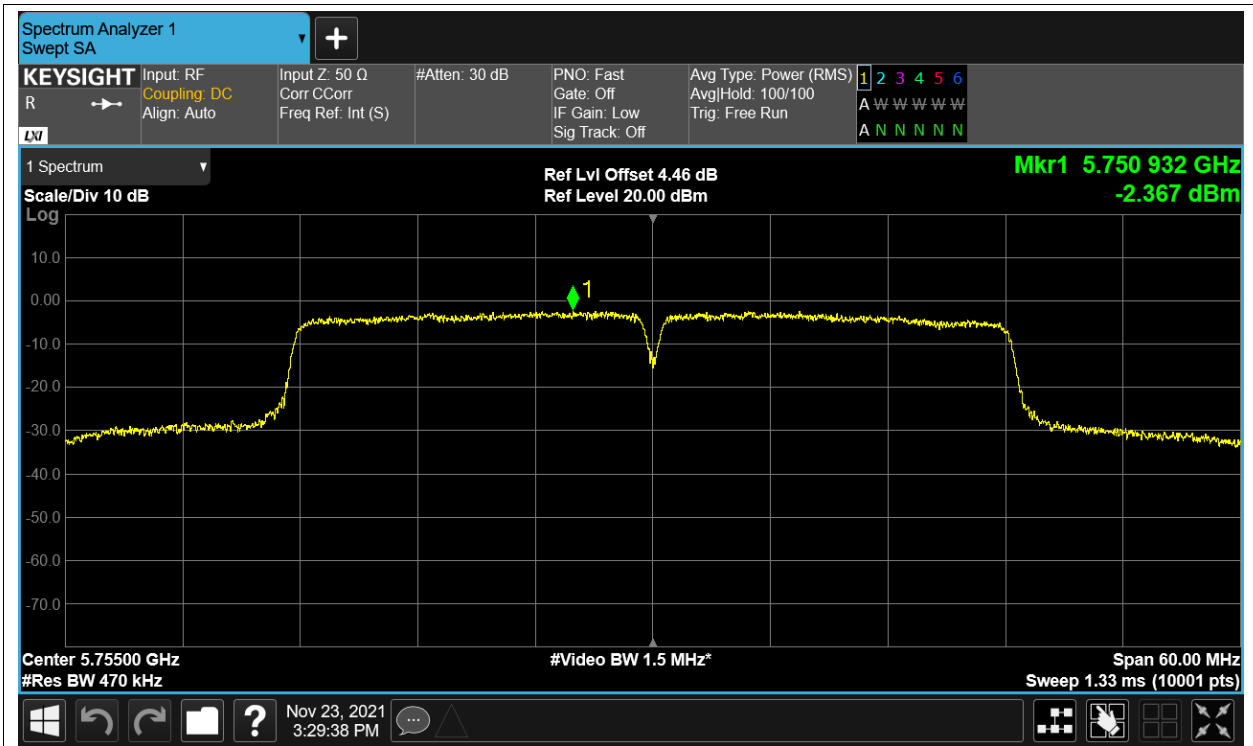




PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

