

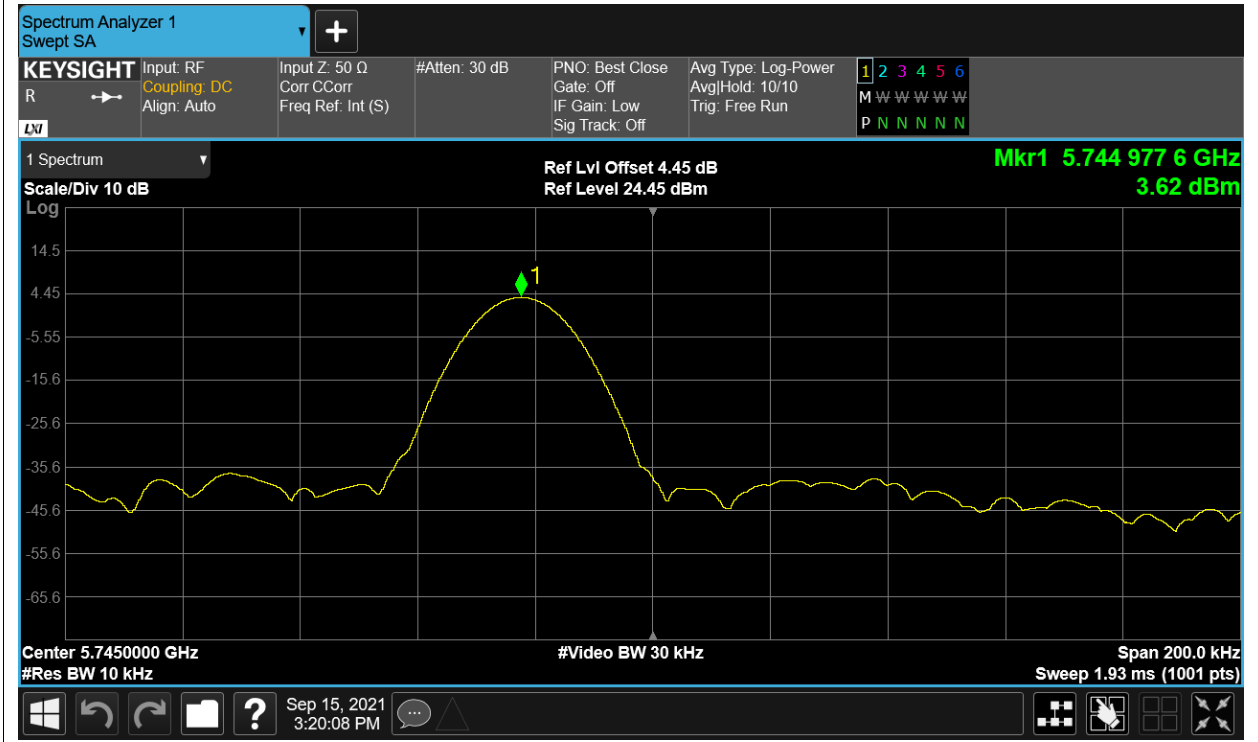
## Test Data

### Frequency Stability

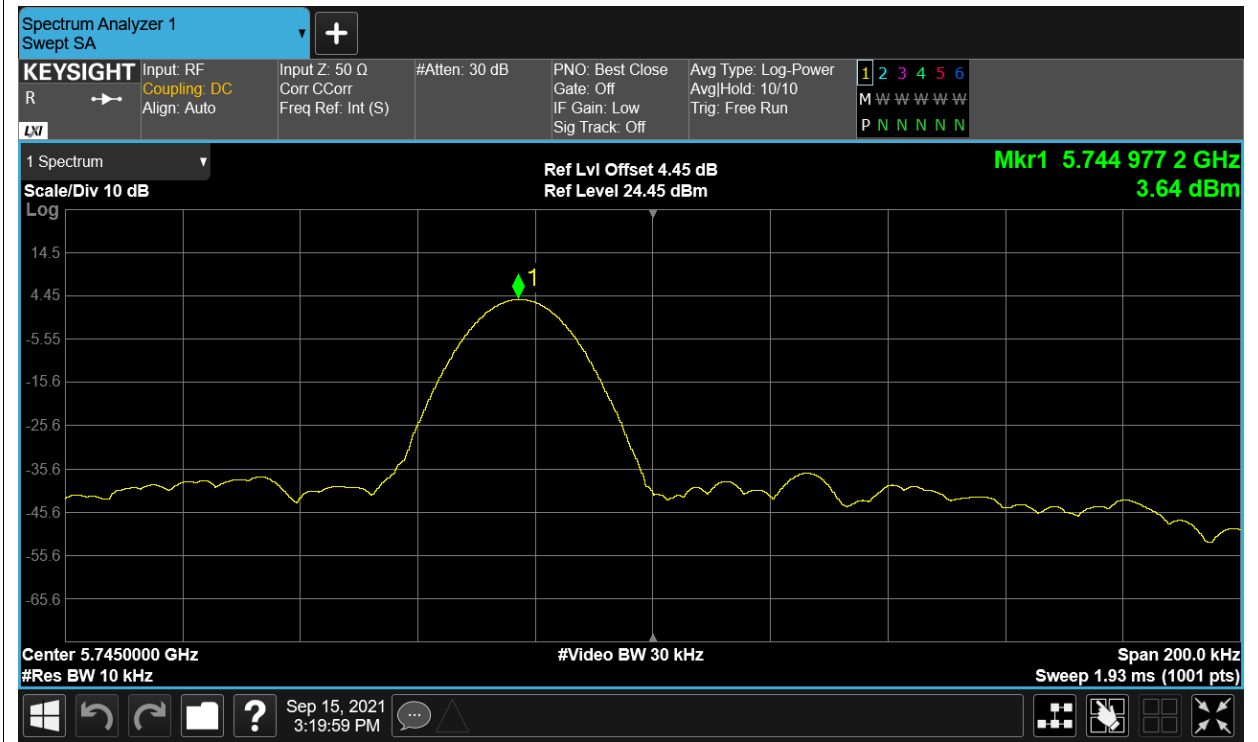
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	Ant1	5744.9776	-3.9	25	Pass
HVLT	a	5745	Ant1	5744.9772	-3.97	25	Pass
LVHT	a	5745	Ant1	5744.977	-4	25	Pass
LVLT	a	5745	Ant1	5744.9766	-4.07	25	Pass
NVNT	a	5745	Ant1	5744.976	-4.18	25	Pass
HVHT	n40	5755	Ant1	5754.9786	-3.72	25	Pass
HVLT	n40	5755	Ant1	5754.9784	-3.75	25	Pass
LVHT	n40	5755	Ant1	5754.9782	-3.79	25	Pass
LVLT	n40	5755	Ant1	5754.978	-3.82	25	Pass
NVNT	n40	5755	Ant1	5754.9776	-3.89	25	Pass

Test Graphs

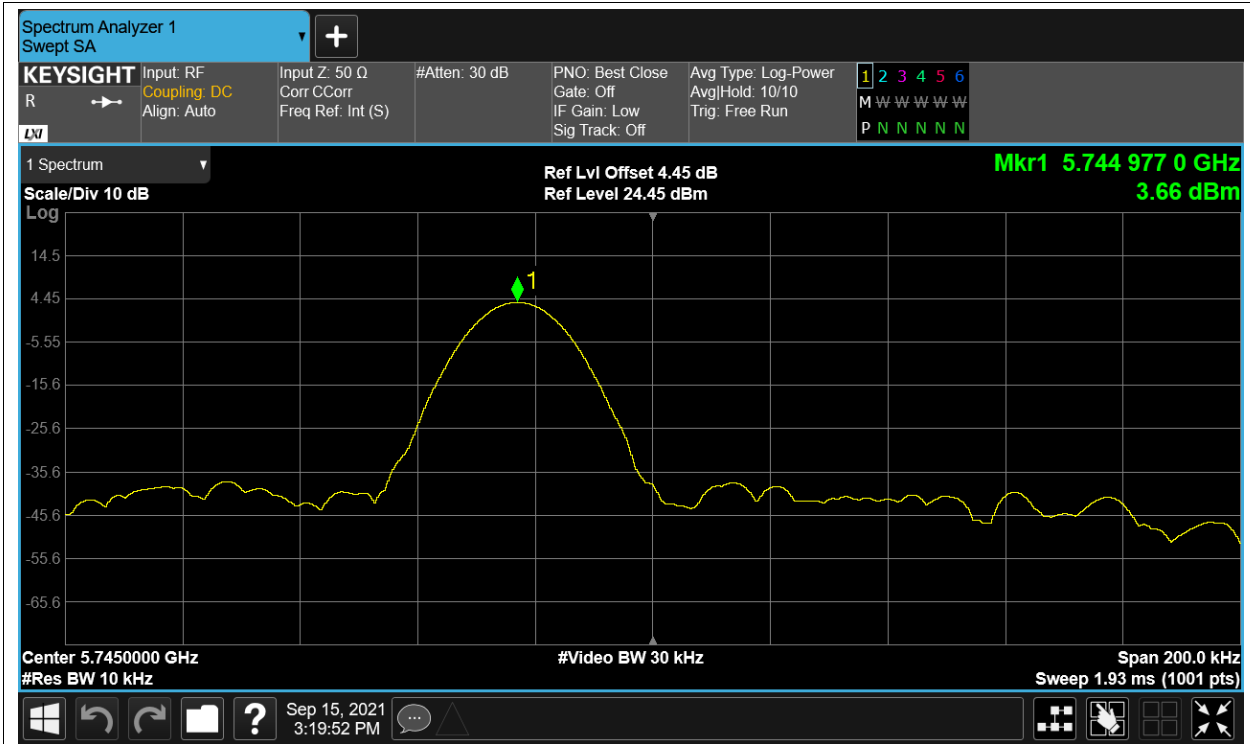
Freq. Stability HVHT a 5745MHz Ant1



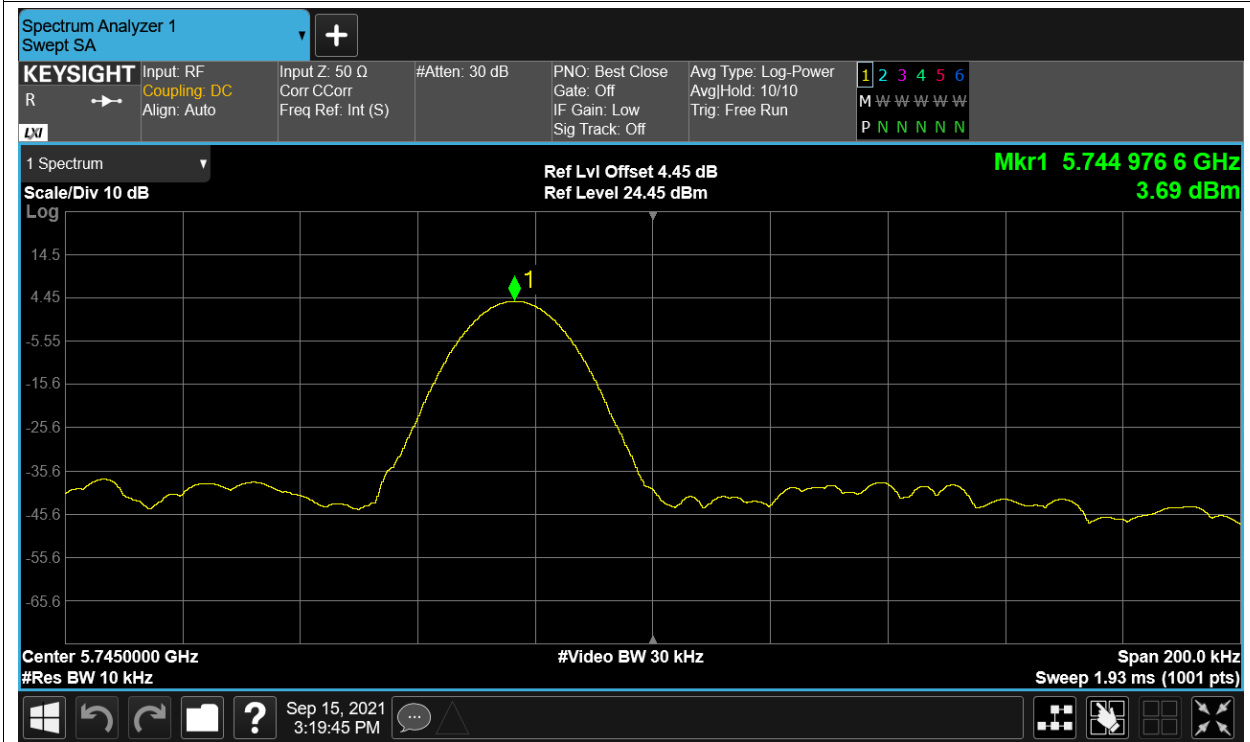
Freq. Stability HVLT a 5745MHz Ant1



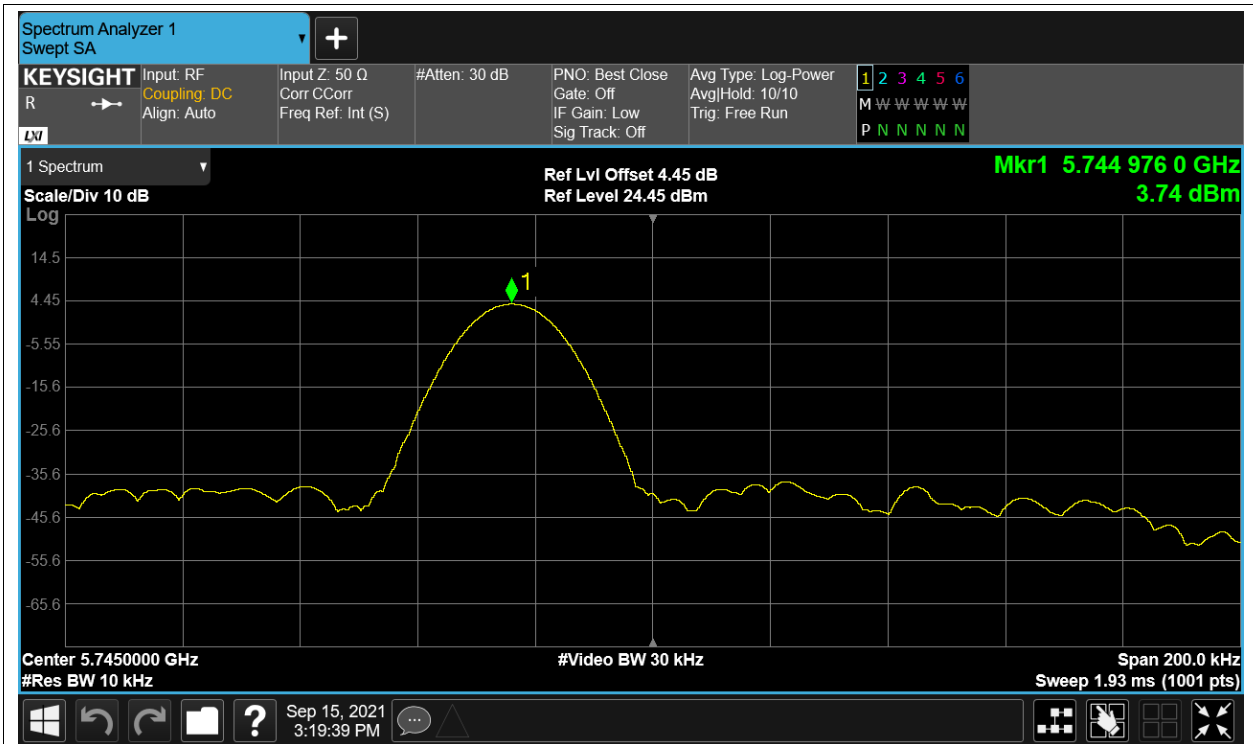
Freq. Stability LVHT a 5745MHz Ant1



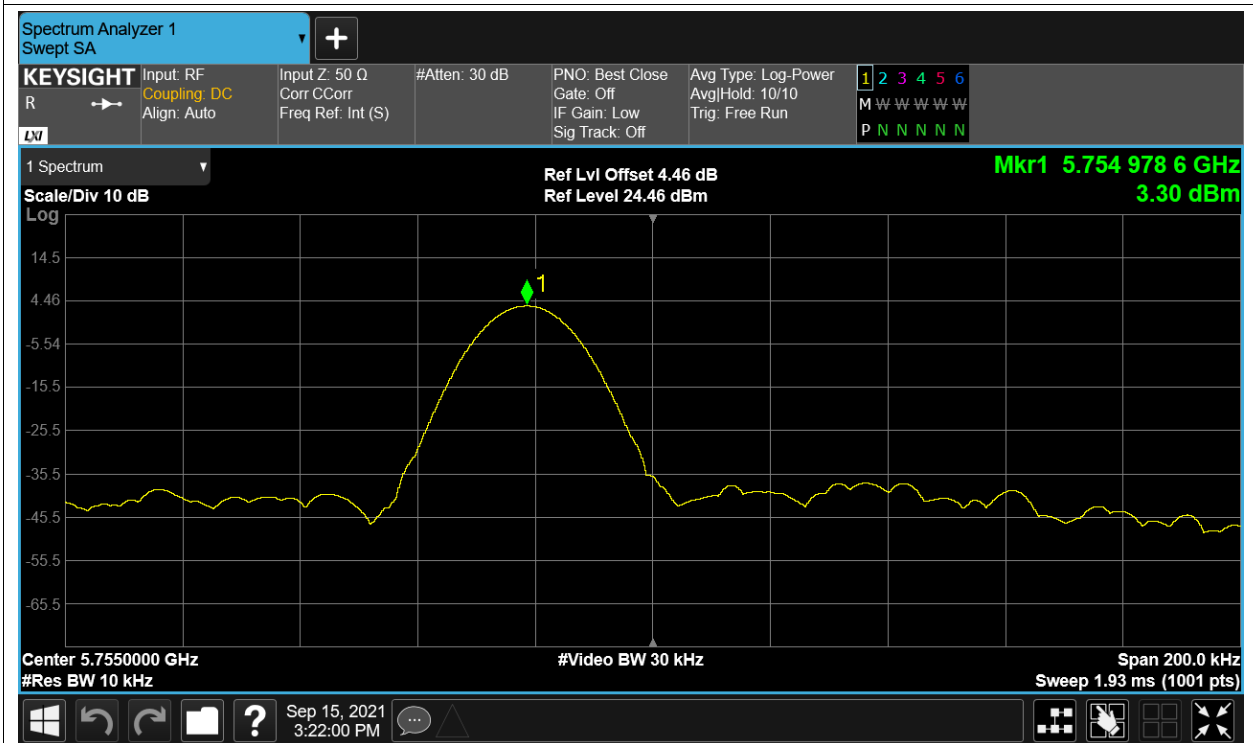
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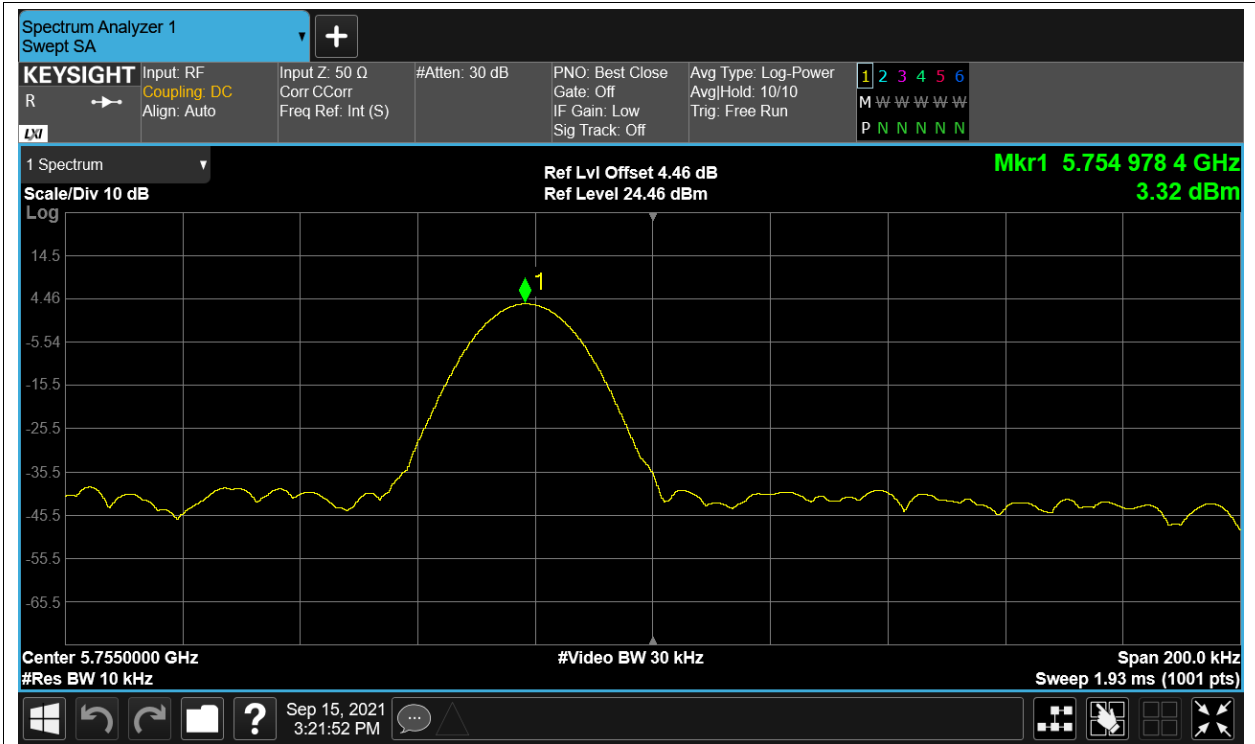
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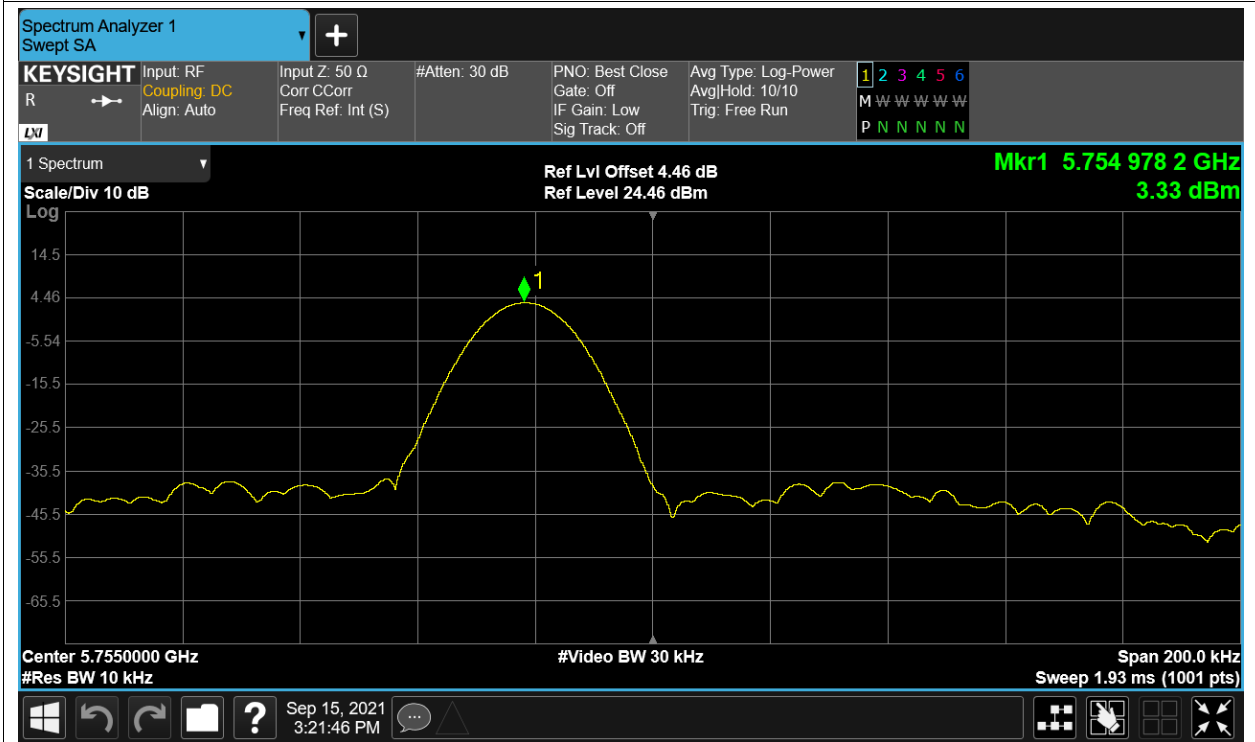
Freq. Stability HVHT n40 5755MHz Ant1



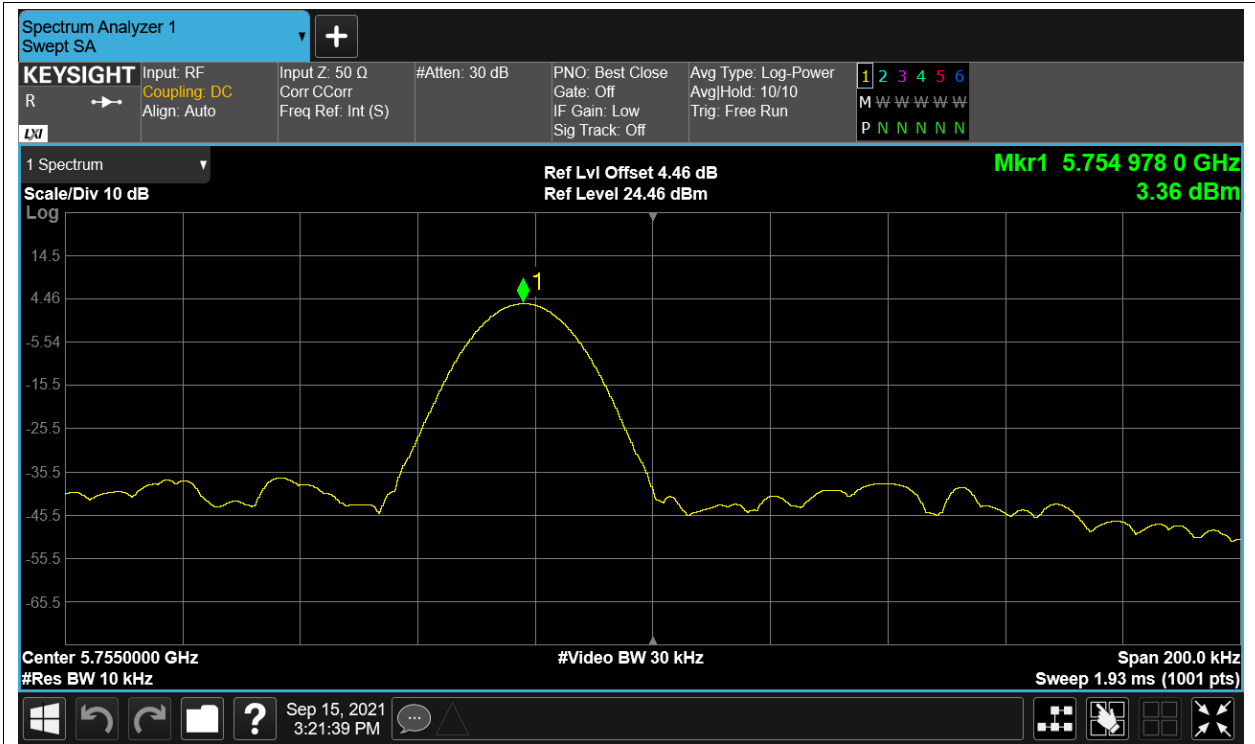
Freq. Stability HVLT n40 5755MHz Ant1



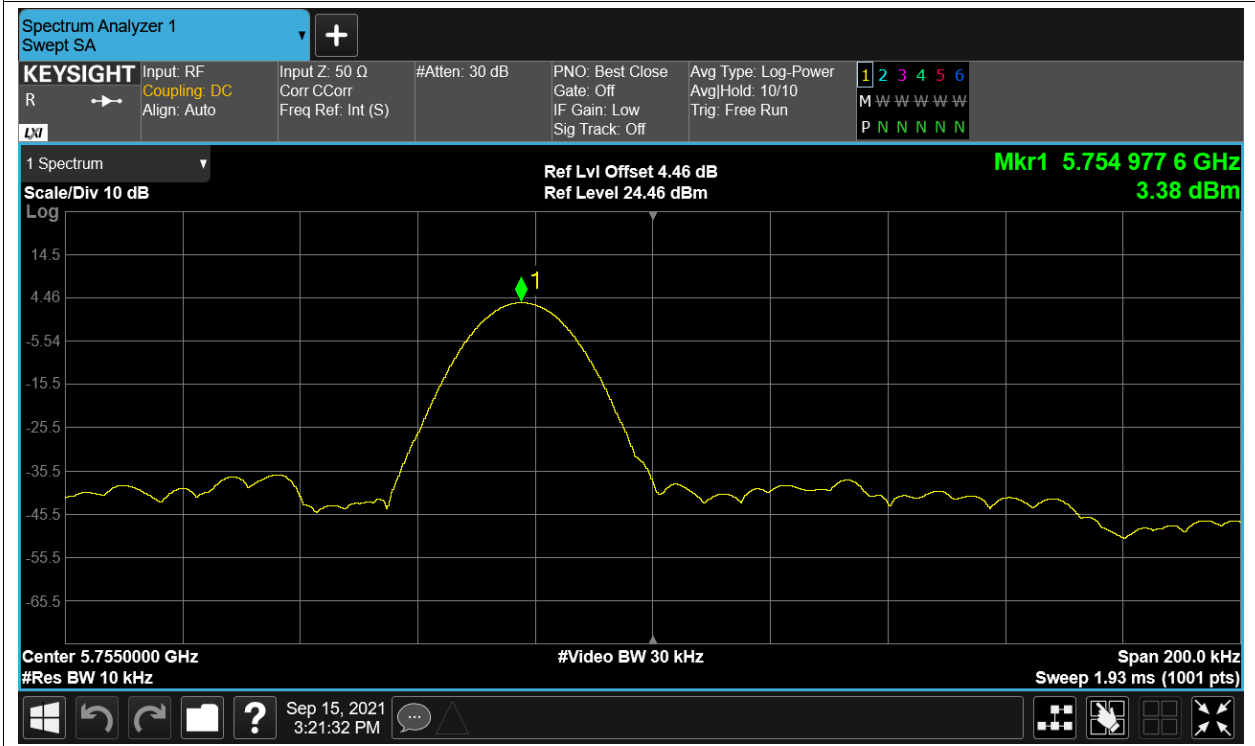
Freq. Stability LVHT n40 5755MHz Ant1



Freq. Stability LVLT n40 5755MHz Ant1

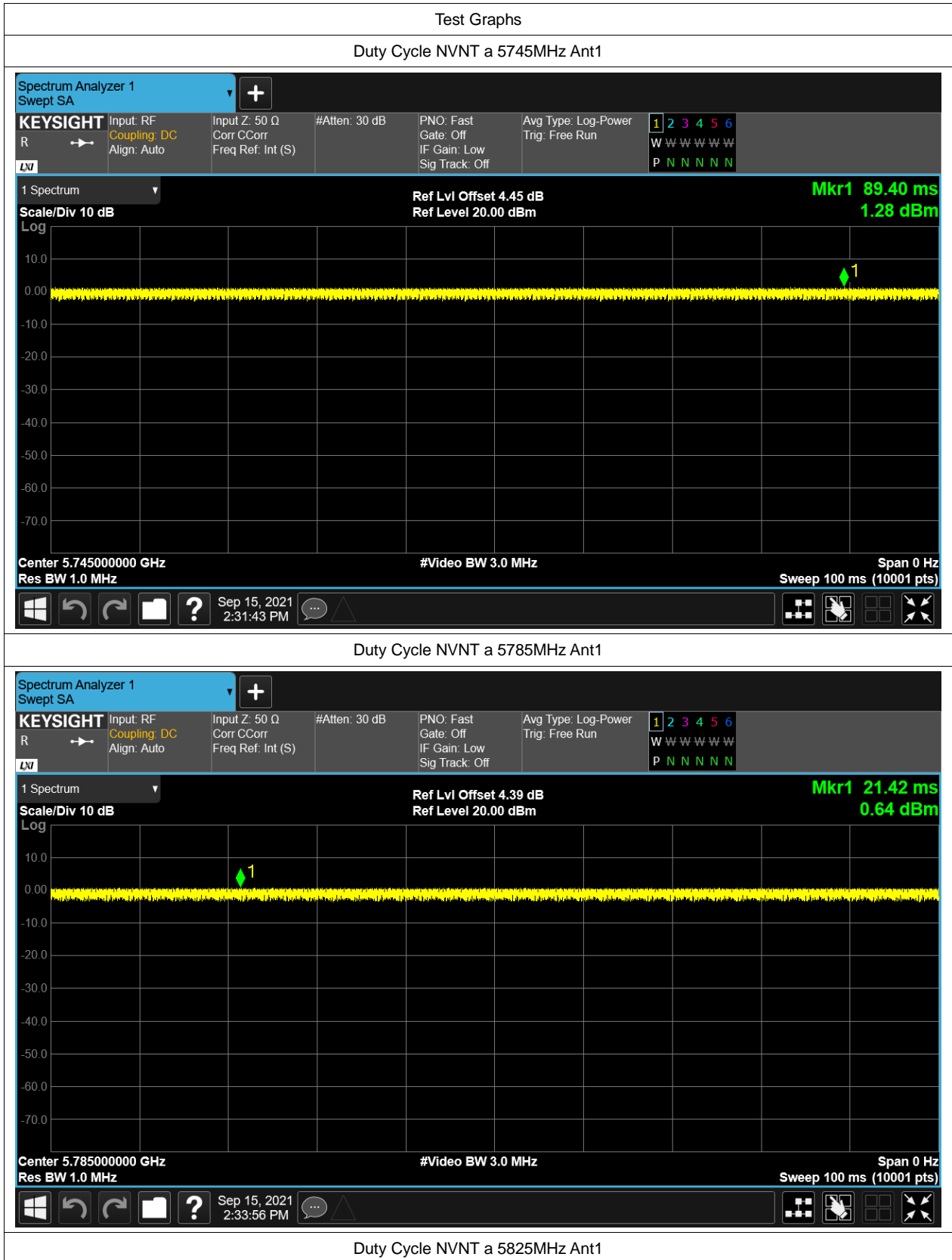


Freq. Stability NVNT n40 5755MHz Ant1

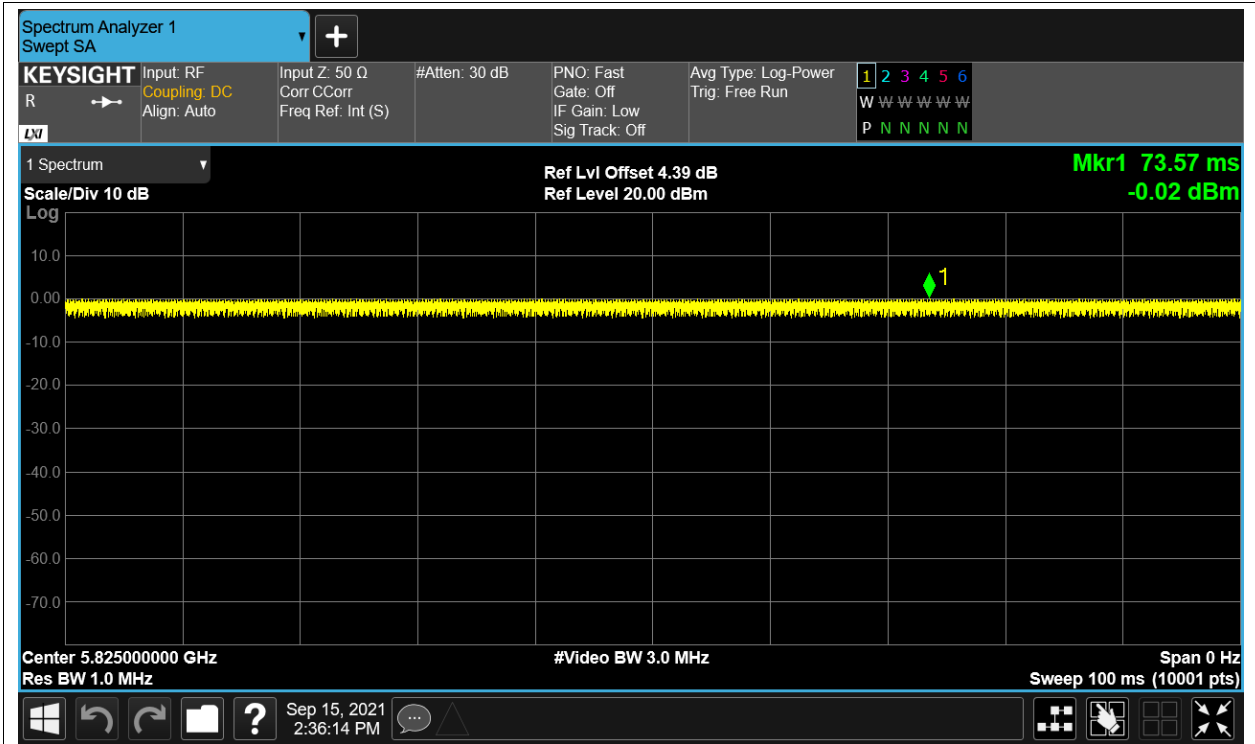


## Duty Cycle

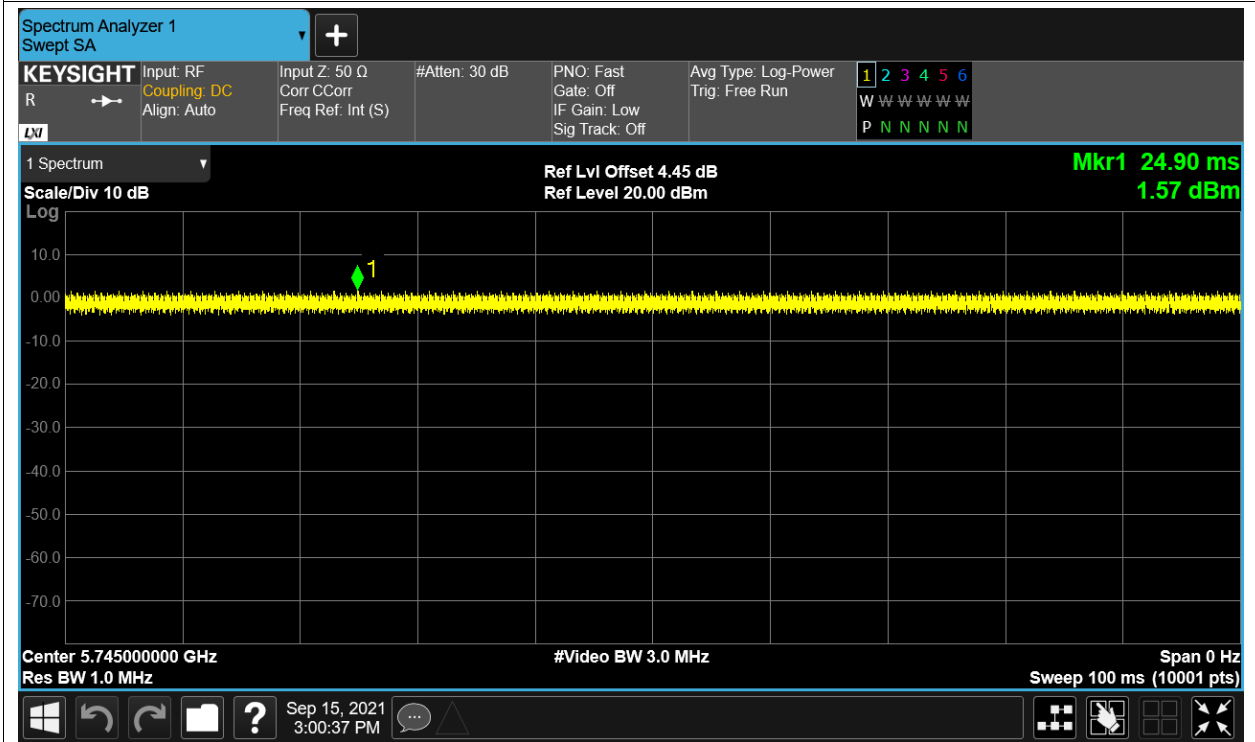
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0



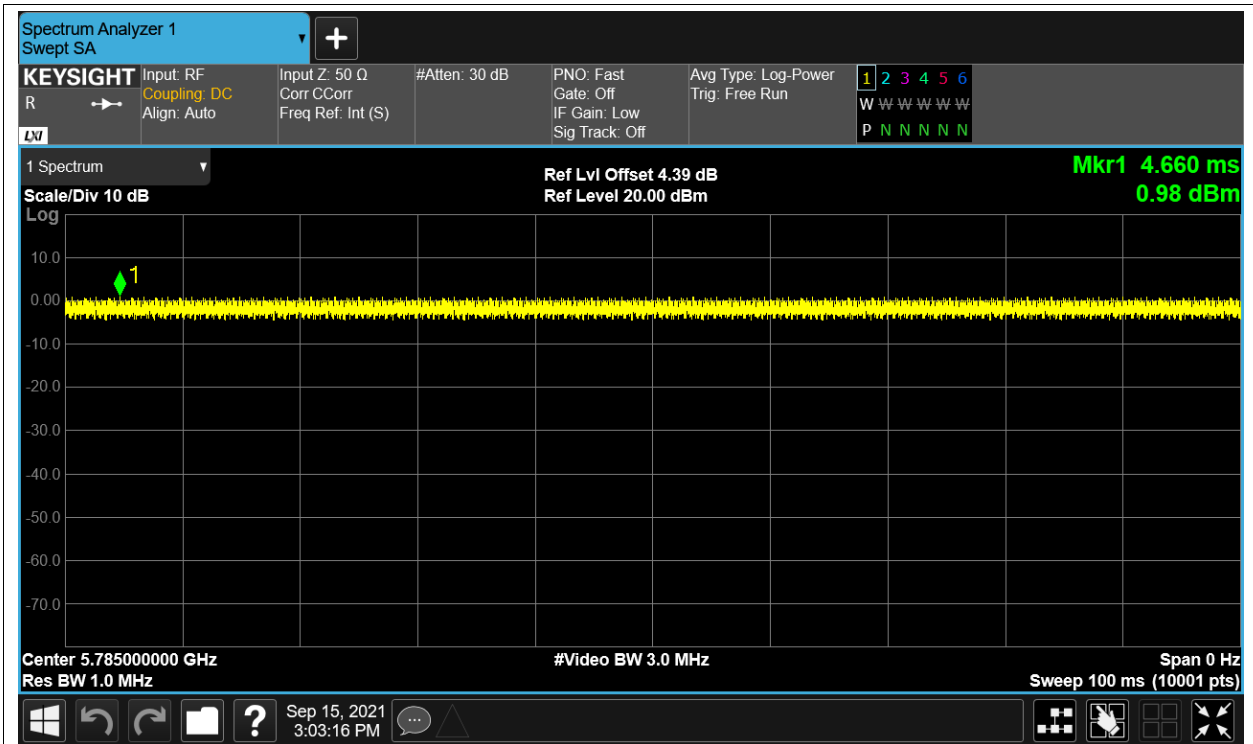




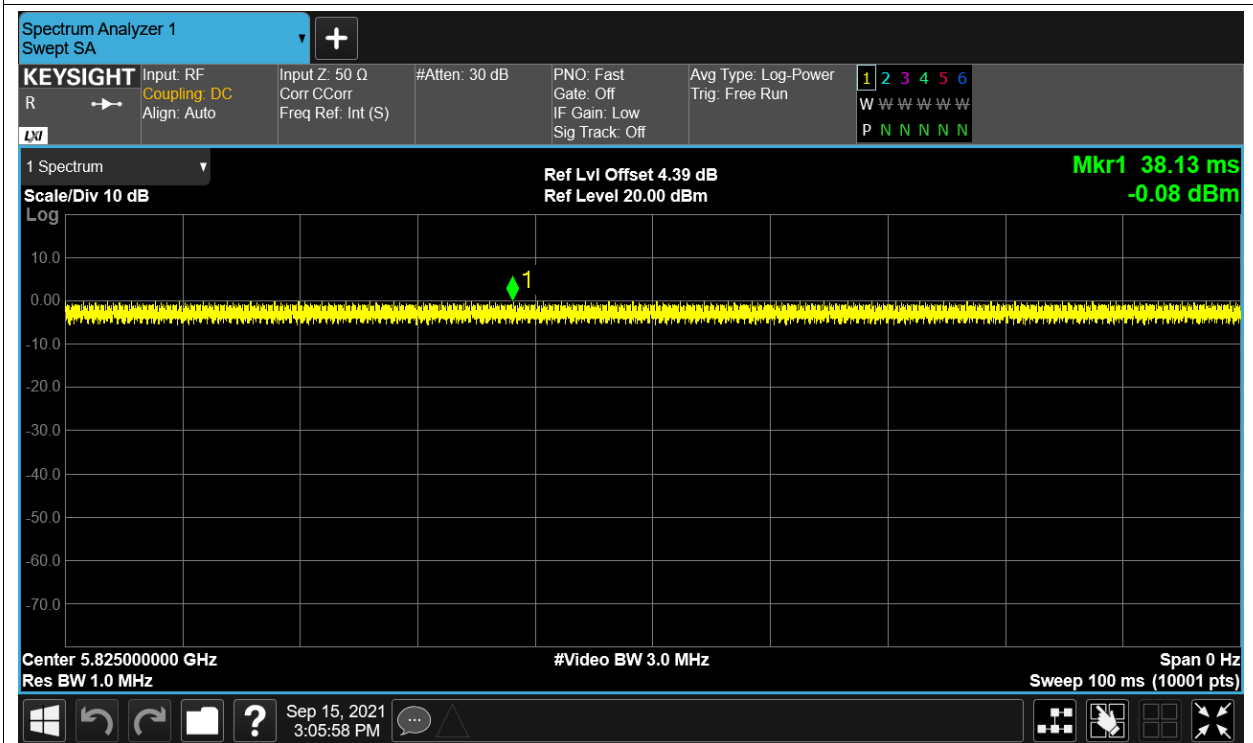
Duty Cycle NVNT ac20 5745MHz Ant1



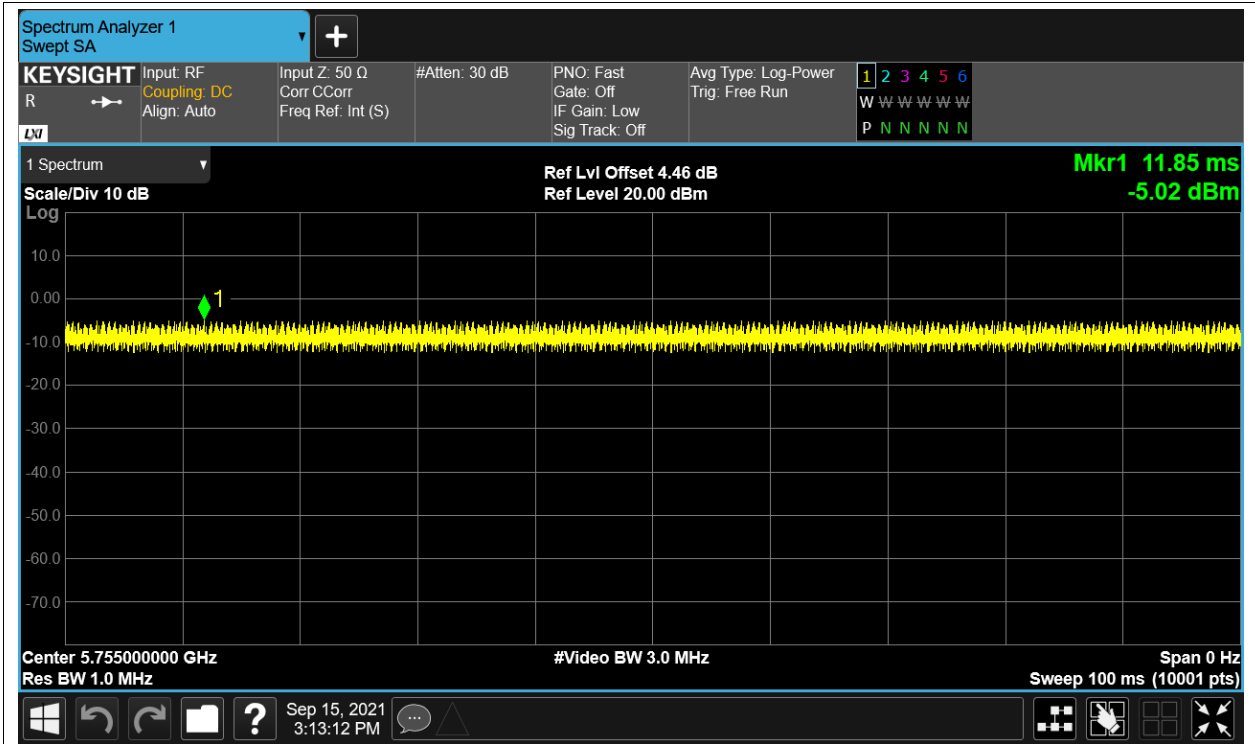
Duty Cycle NVNT ac20 5785MHz Ant1



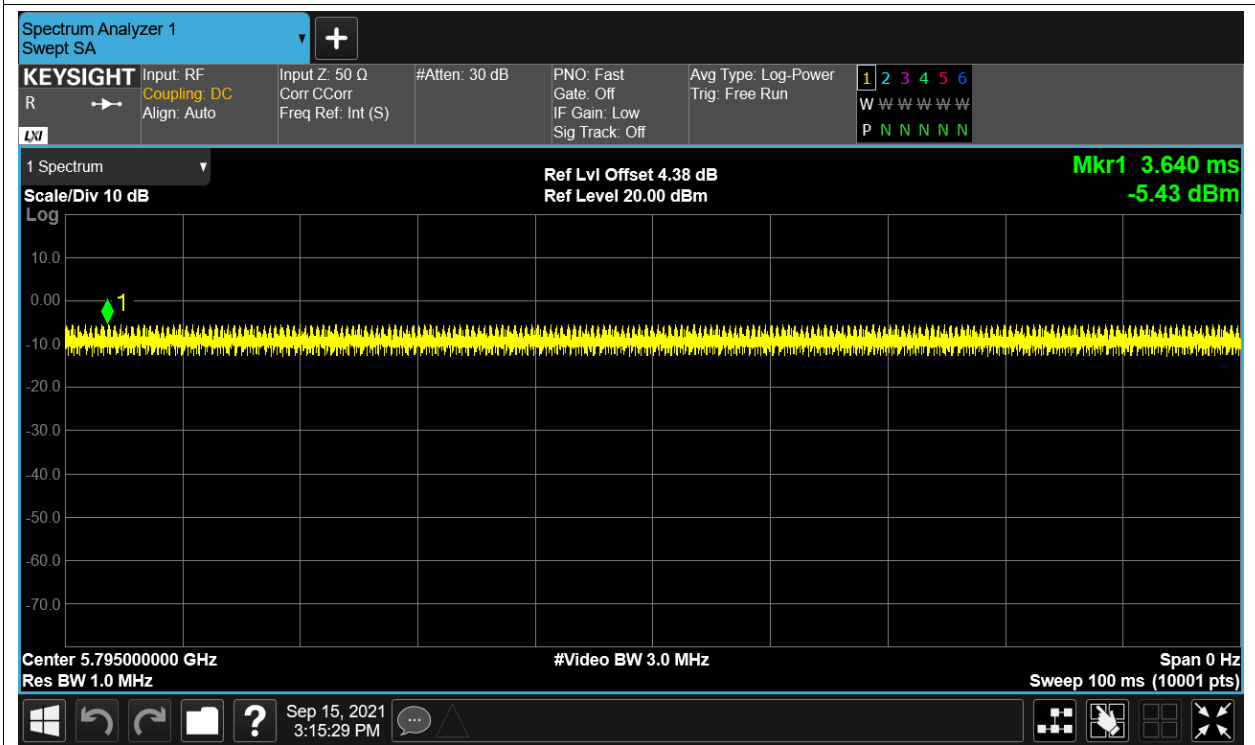
Duty Cycle NVNT ac20 5825MHz Ant1



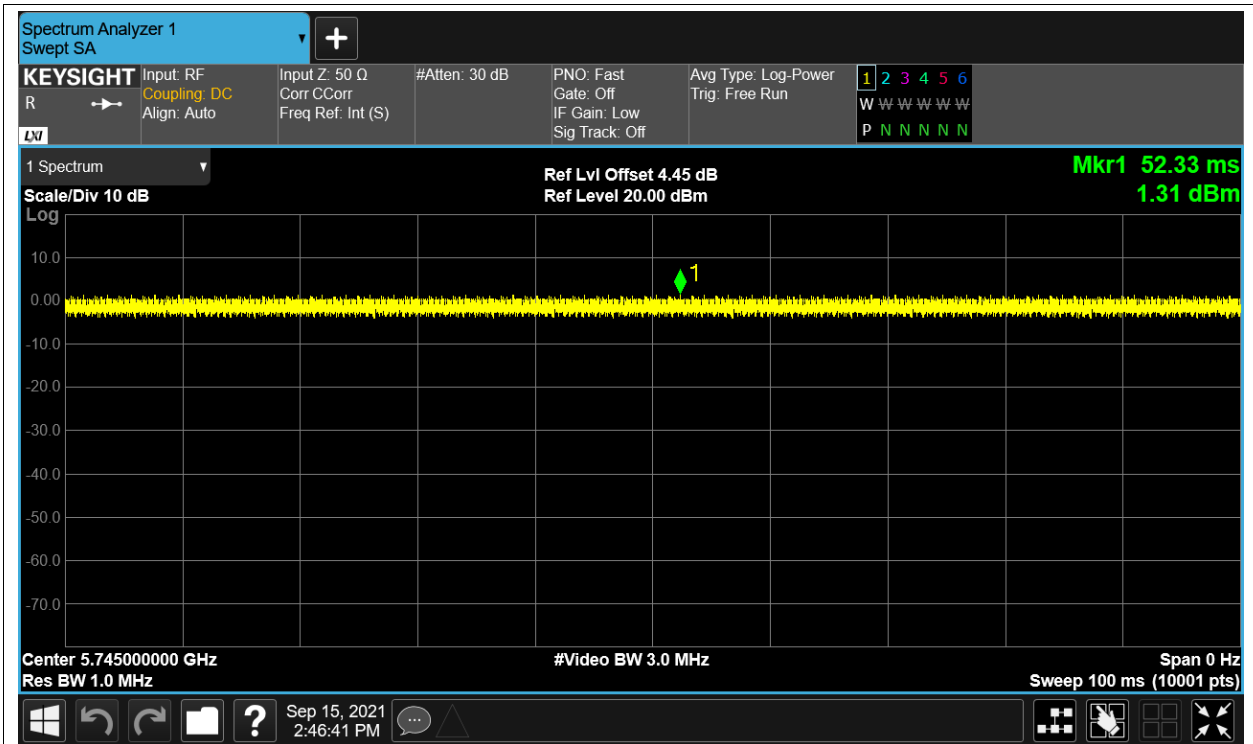
Duty Cycle NVNT ac40 5755MHz Ant1



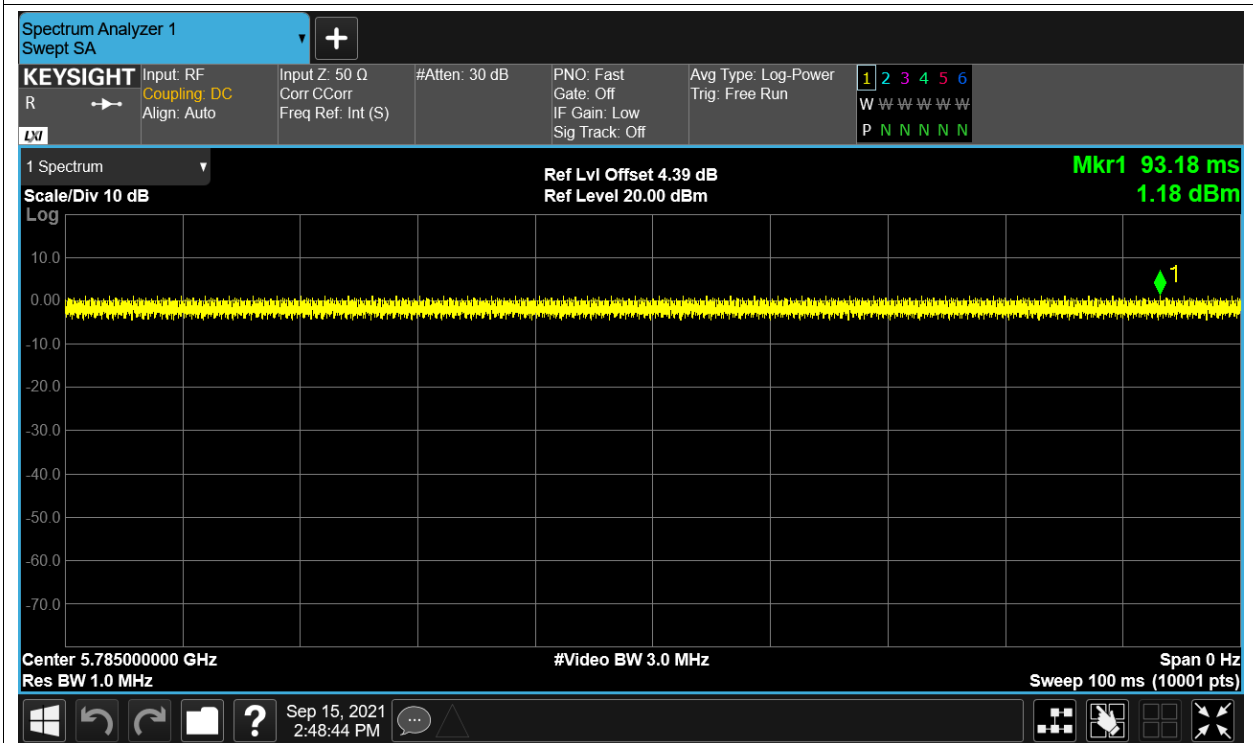
Duty Cycle NVNT ac40 5795MHz Ant1



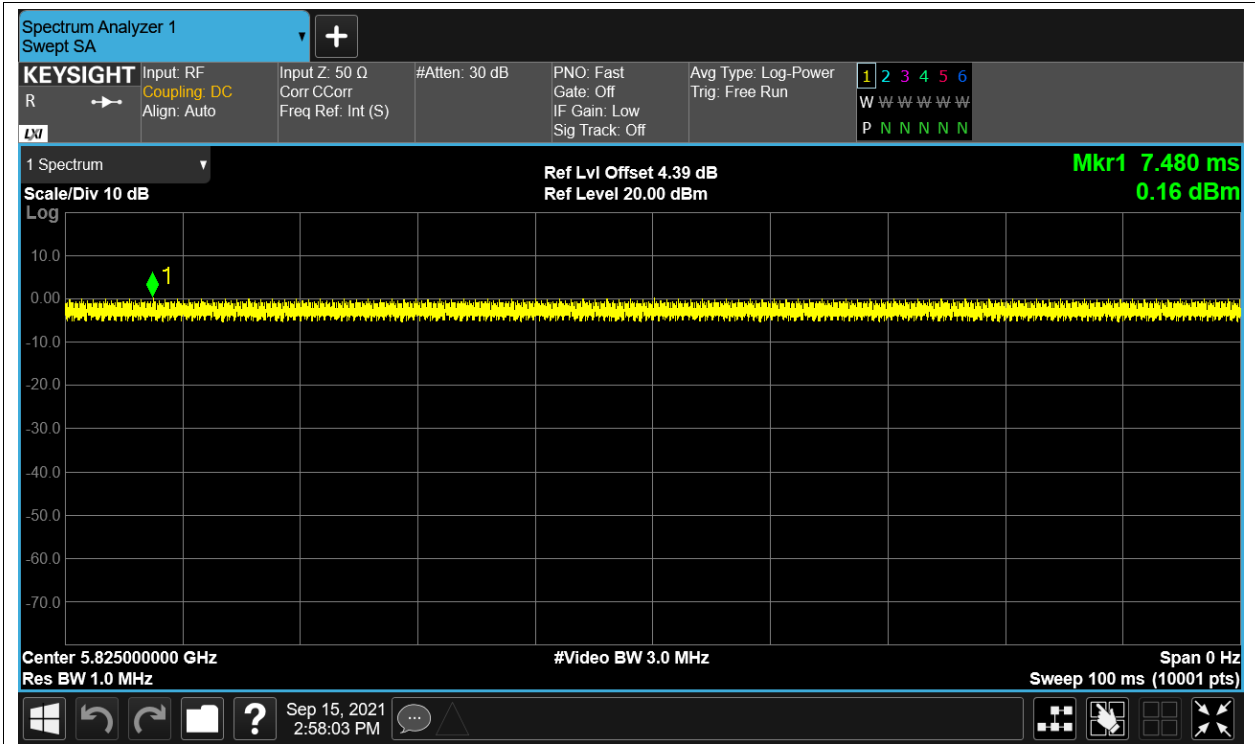
Duty Cycle NVNT n20 5745MHz Ant1



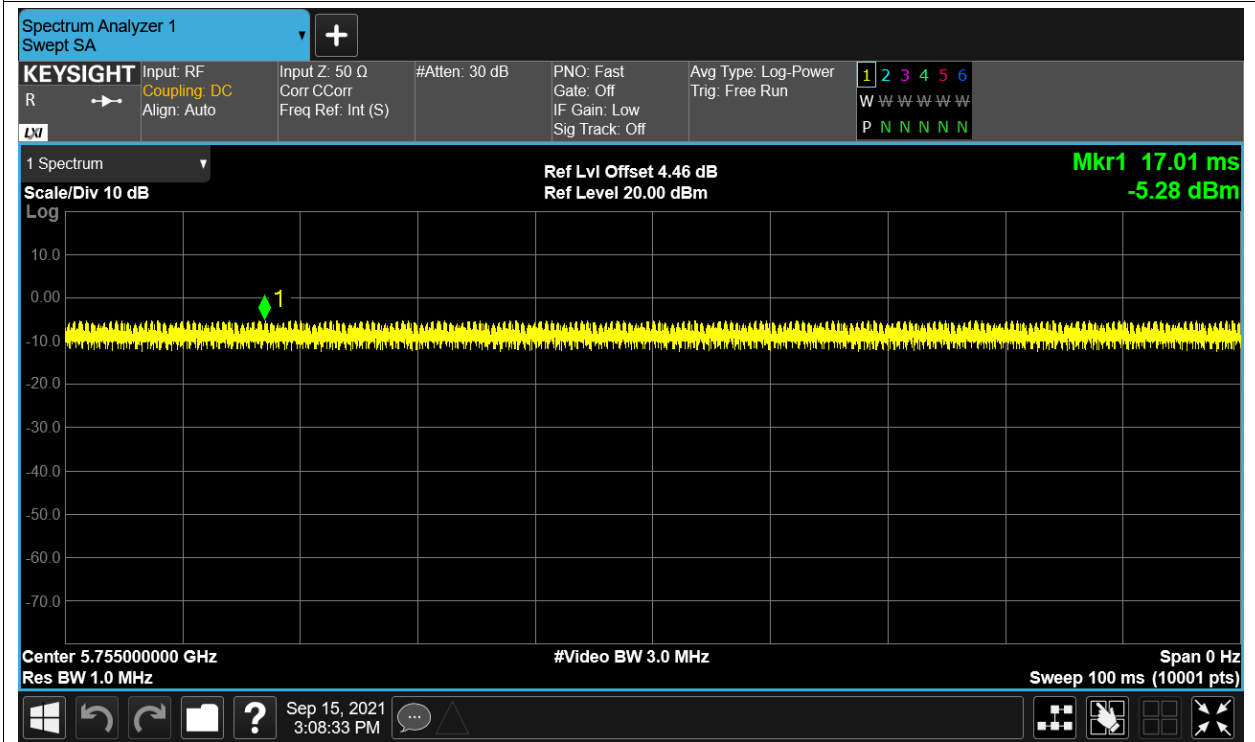
Duty Cycle NVNT n20 5785MHz Ant1



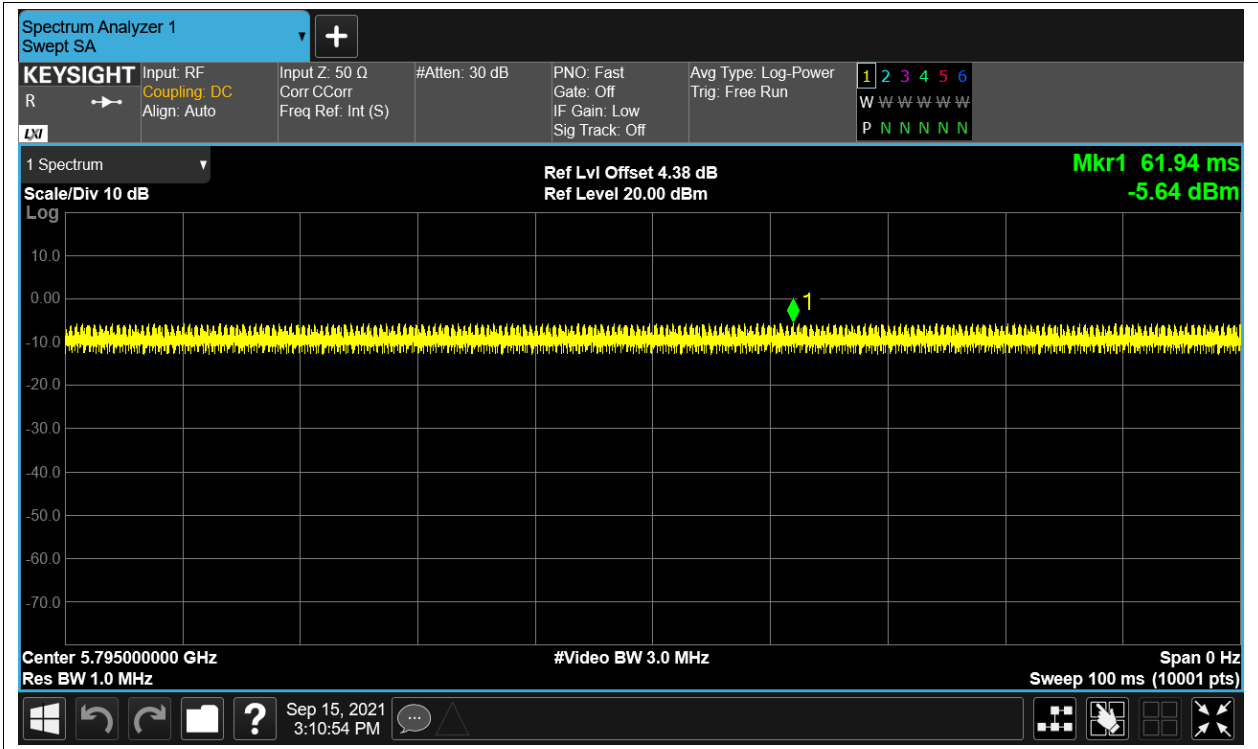
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



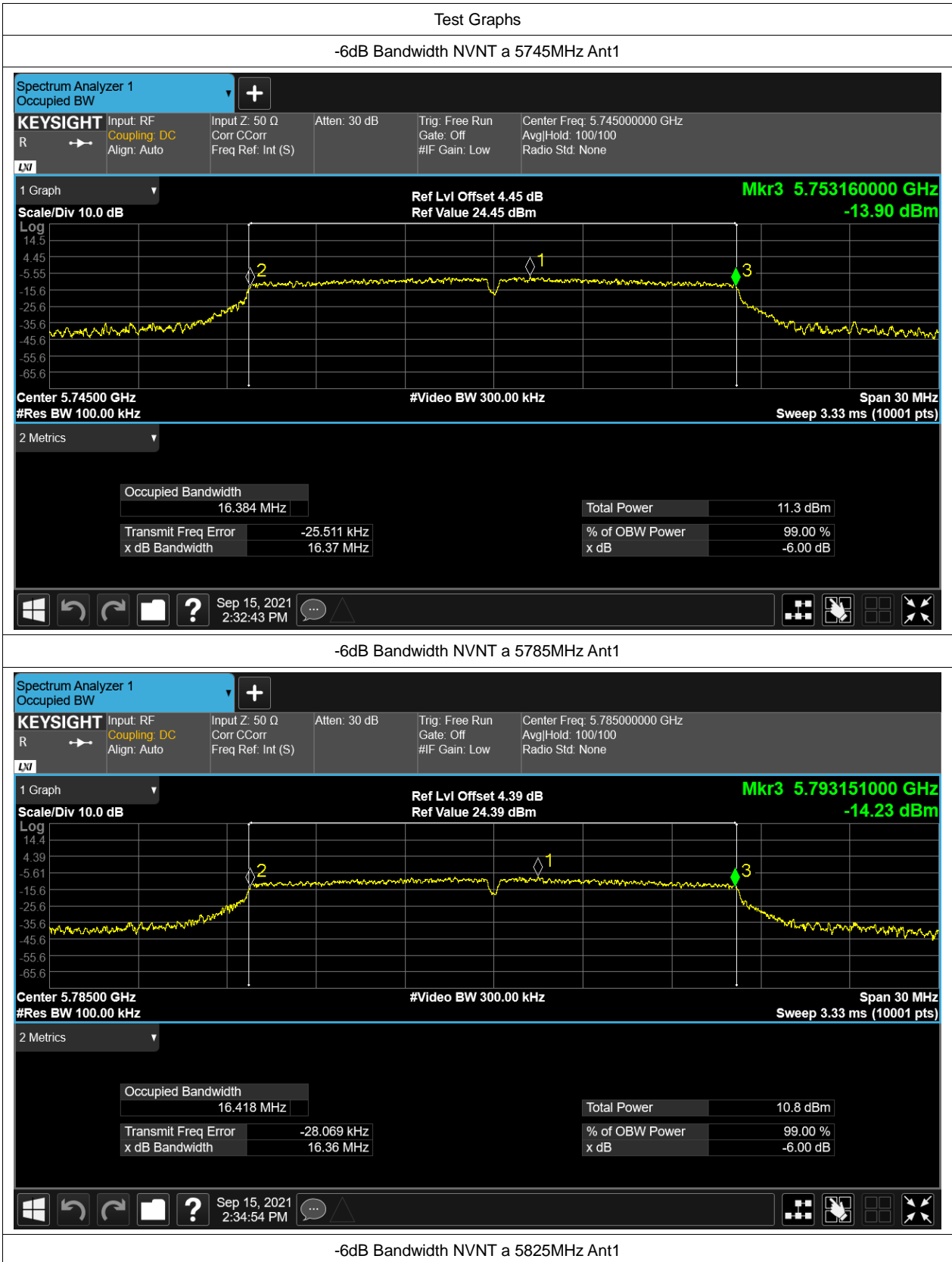
## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	6.48	0	6.48	30	Pass
NVNT	a	5785	Ant1	6.4	0	6.4	30	Pass
NVNT	a	5825	Ant1	5.48	0	5.48	30	Pass
NVNT	ac20	5745	Ant1	5.96	0	5.96	30	Pass
NVNT	ac20	5785	Ant1	5.91	0	5.91	30	Pass
NVNT	ac20	5825	Ant1	4.69	0	4.69	30	Pass
NVNT	ac40	5755	Ant1	5.49	0	5.49	30	Pass
NVNT	ac40	5795	Ant1	5.8	0	5.8	30	Pass
NVNT	n20	5745	Ant1	5.86	0	5.86	30	Pass
NVNT	n20	5785	Ant1	5.96	0	5.96	30	Pass
NVNT	n20	5825	Ant1	4.83	0	4.83	30	Pass
NVNT	n40	5755	Ant1	5.57	0	5.57	30	Pass
NVNT	n40	5795	Ant1	5.77	0	5.77	30	Pass

## -6dB Bandwidth

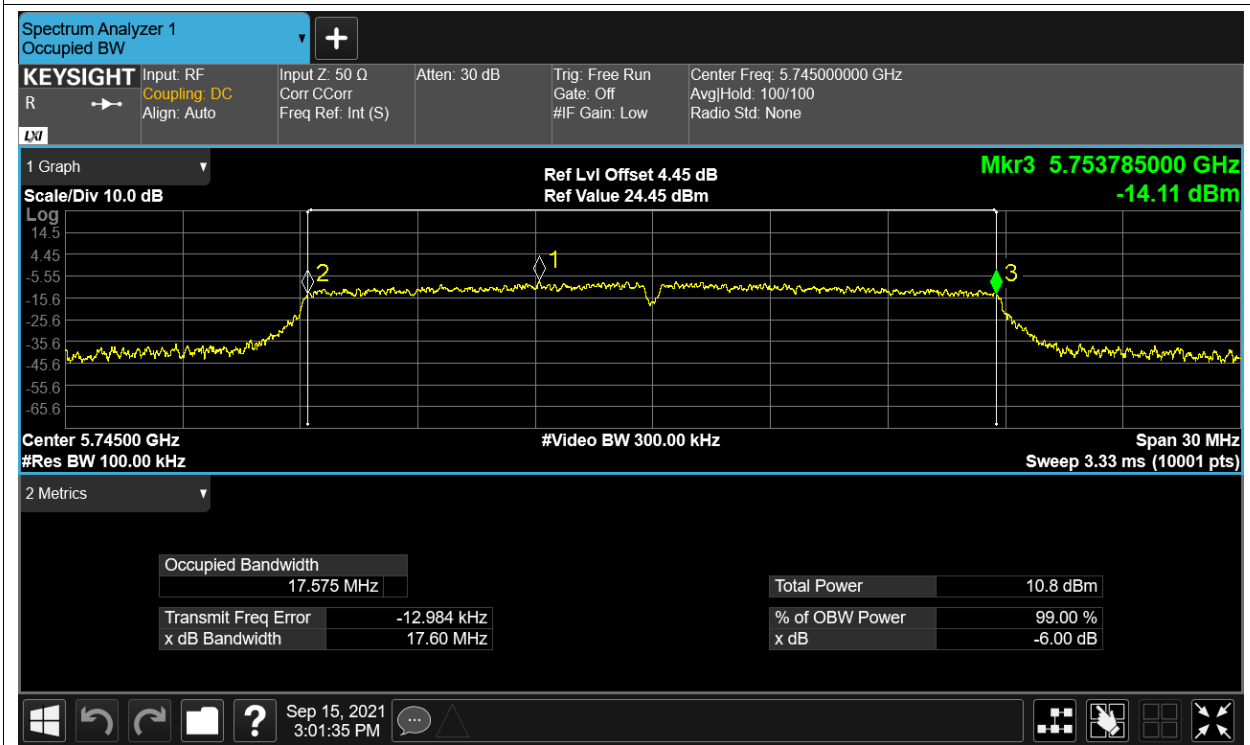
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.371	0.5	Pass
NVNT	a	5785	Ant1	16.358	0.5	Pass
NVNT	a	5825	Ant1	16.378	0.5	Pass
NVNT	ac20	5745	Ant1	17.597	0.5	Pass
NVNT	ac20	5785	Ant1	17.603	0.5	Pass
NVNT	ac20	5825	Ant1	17.599	0.5	Pass
NVNT	ac40	5755	Ant1	36.324	0.5	Pass
NVNT	ac40	5795	Ant1	36.307	0.5	Pass
NVNT	n20	5745	Ant1	17.582	0.5	Pass
NVNT	n20	5785	Ant1	17.605	0.5	Pass
NVNT	n20	5825	Ant1	17.607	0.5	Pass
NVNT	n40	5755	Ant1	36.321	0.5	Pass
NVNT	n40	5795	Ant1	36.337	0.5	Pass







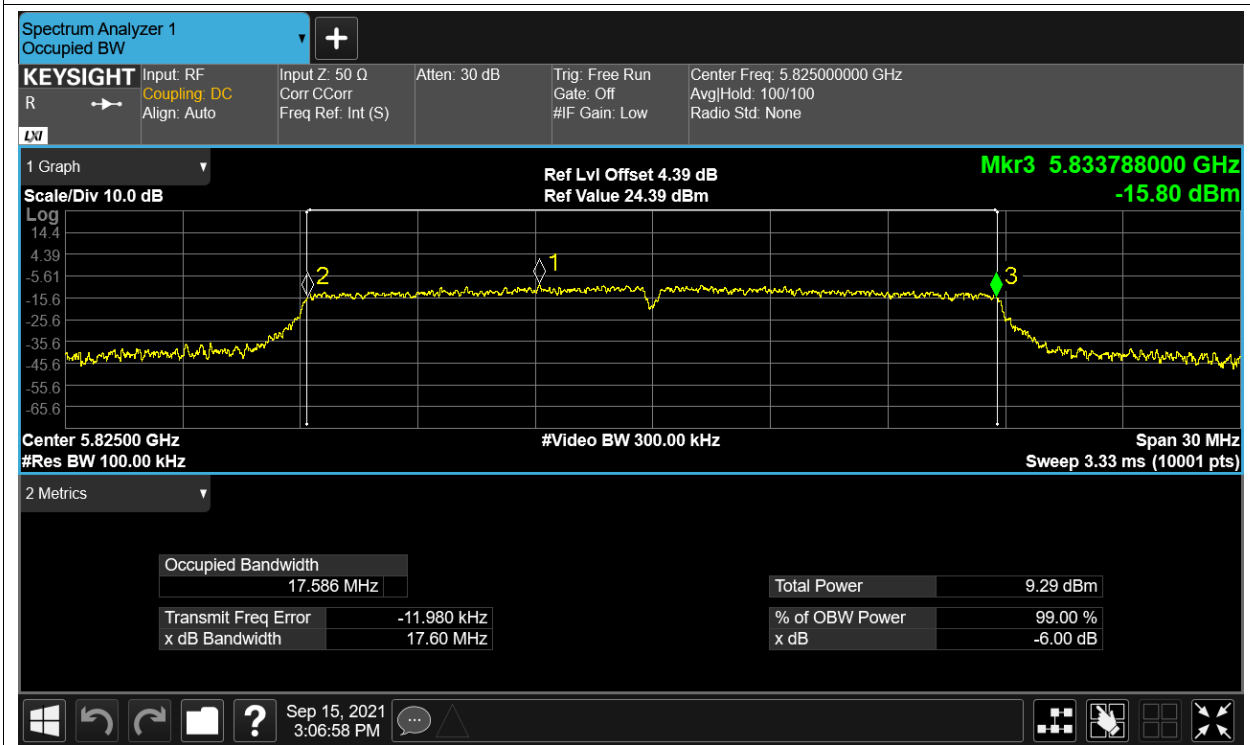
-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



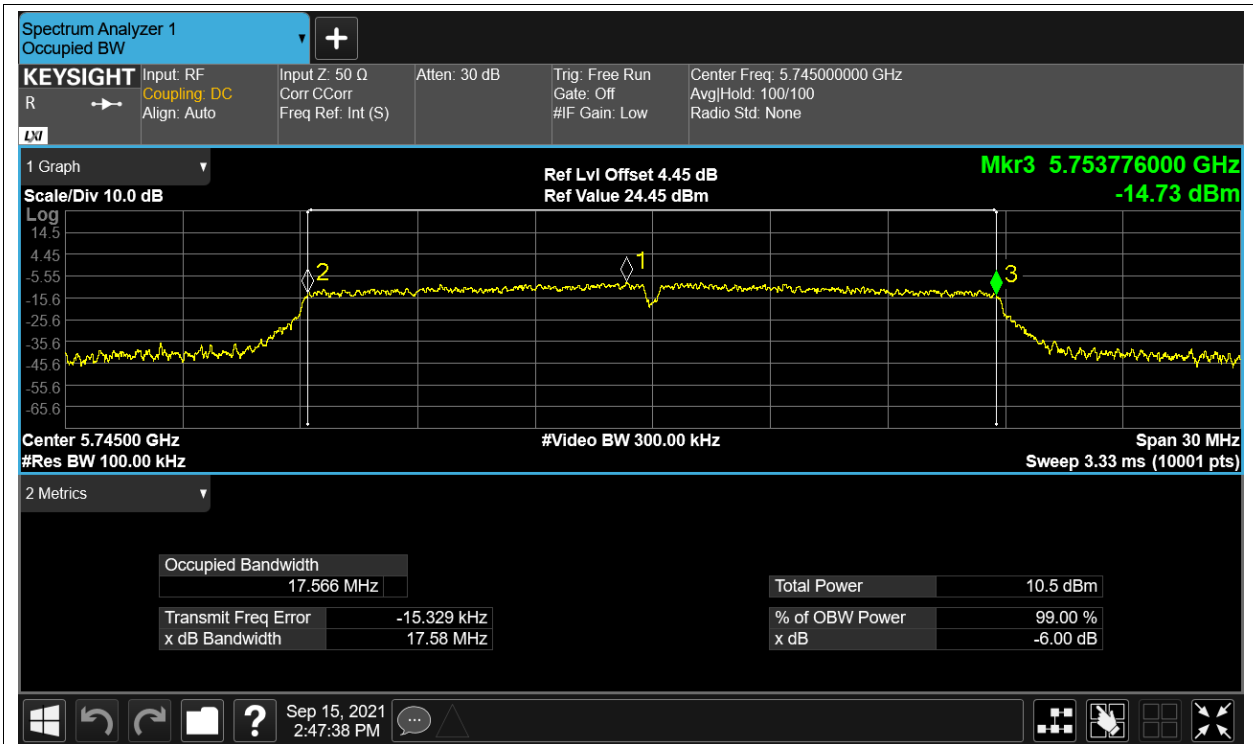
-6dB Bandwidth NVNT ac40 5755MHz Ant1



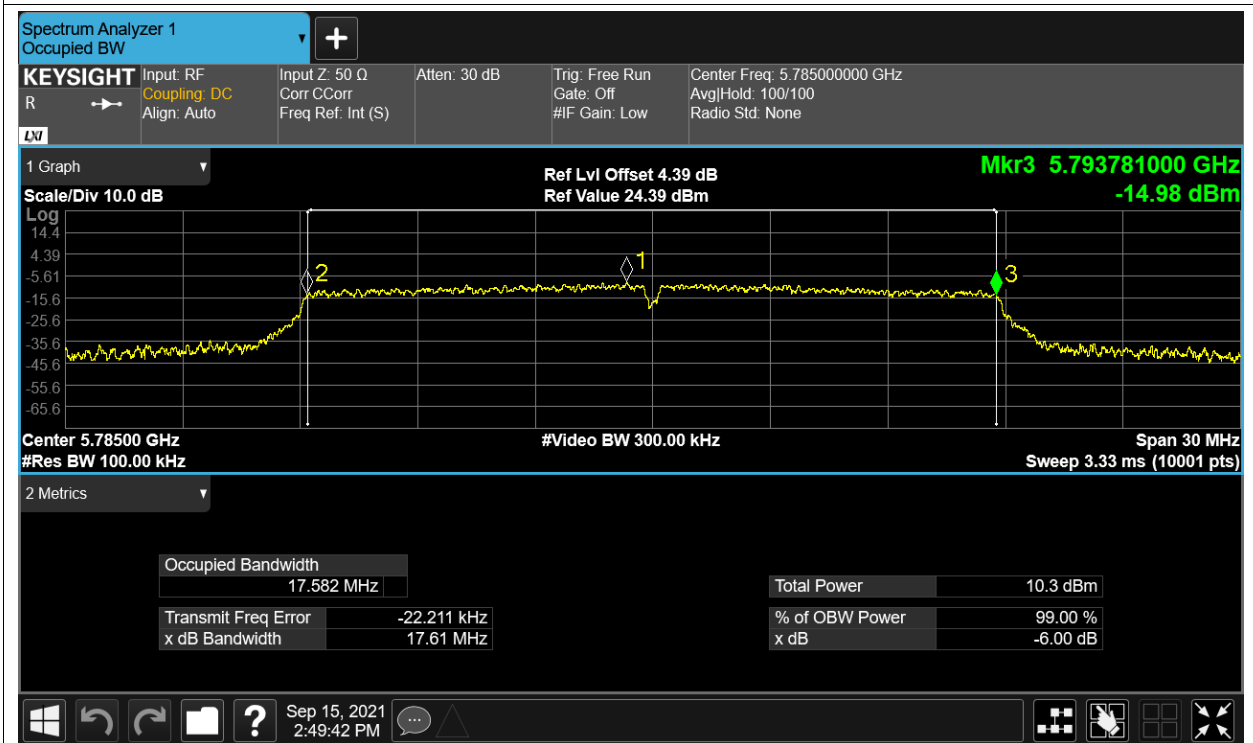
-6dB Bandwidth NVNT ac40 5795MHz Ant1



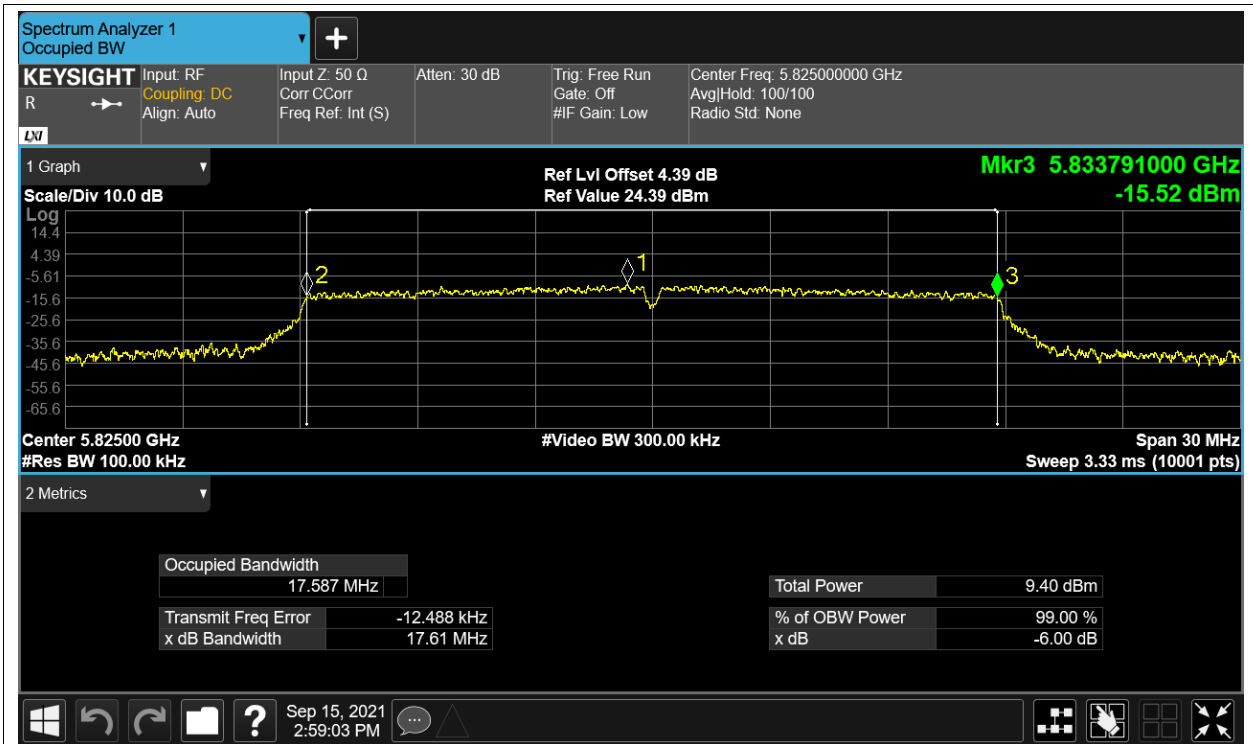
-6dB Bandwidth NVNT n20 5745MHz Ant1



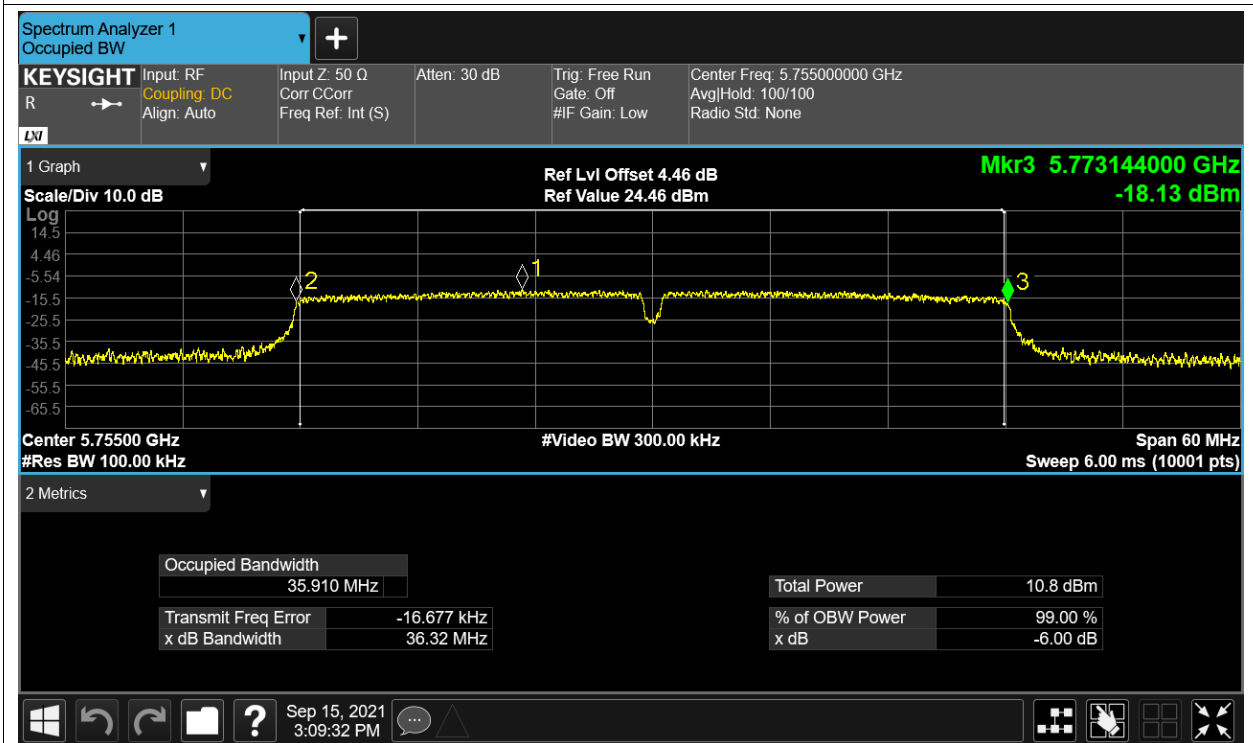
-6dB Bandwidth NVNT n20 5785MHz Ant1



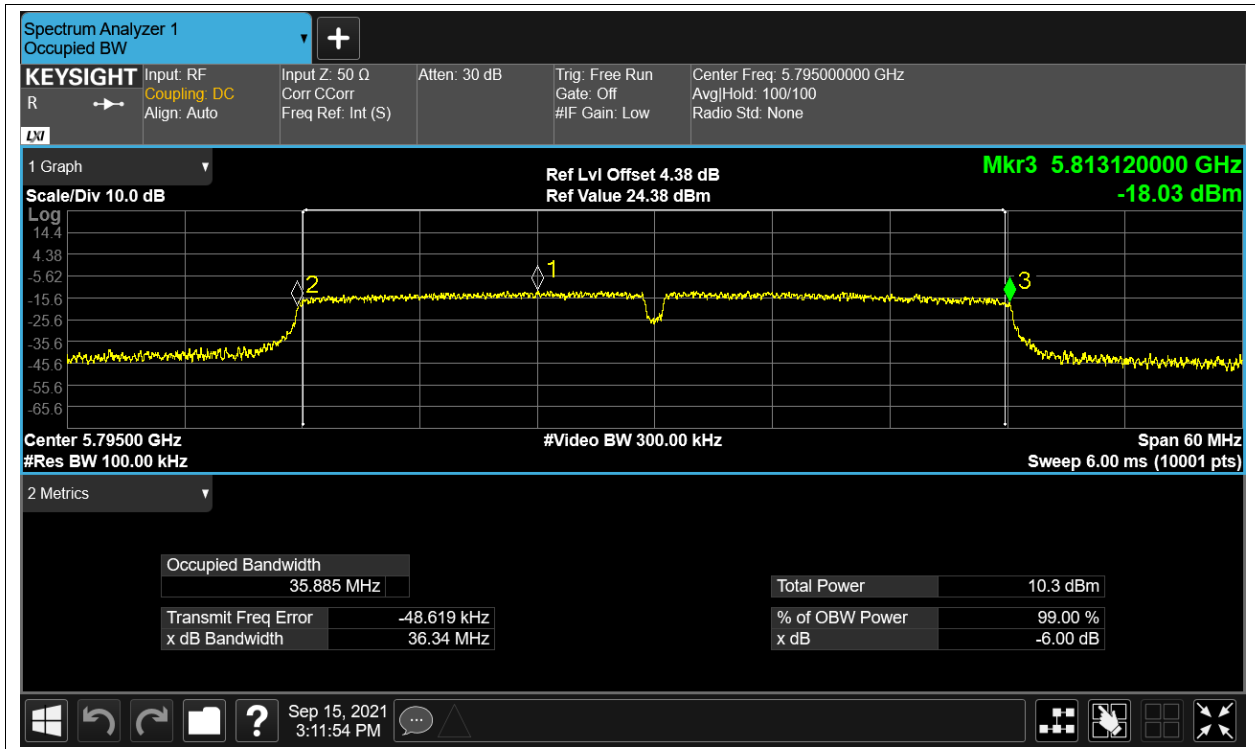
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



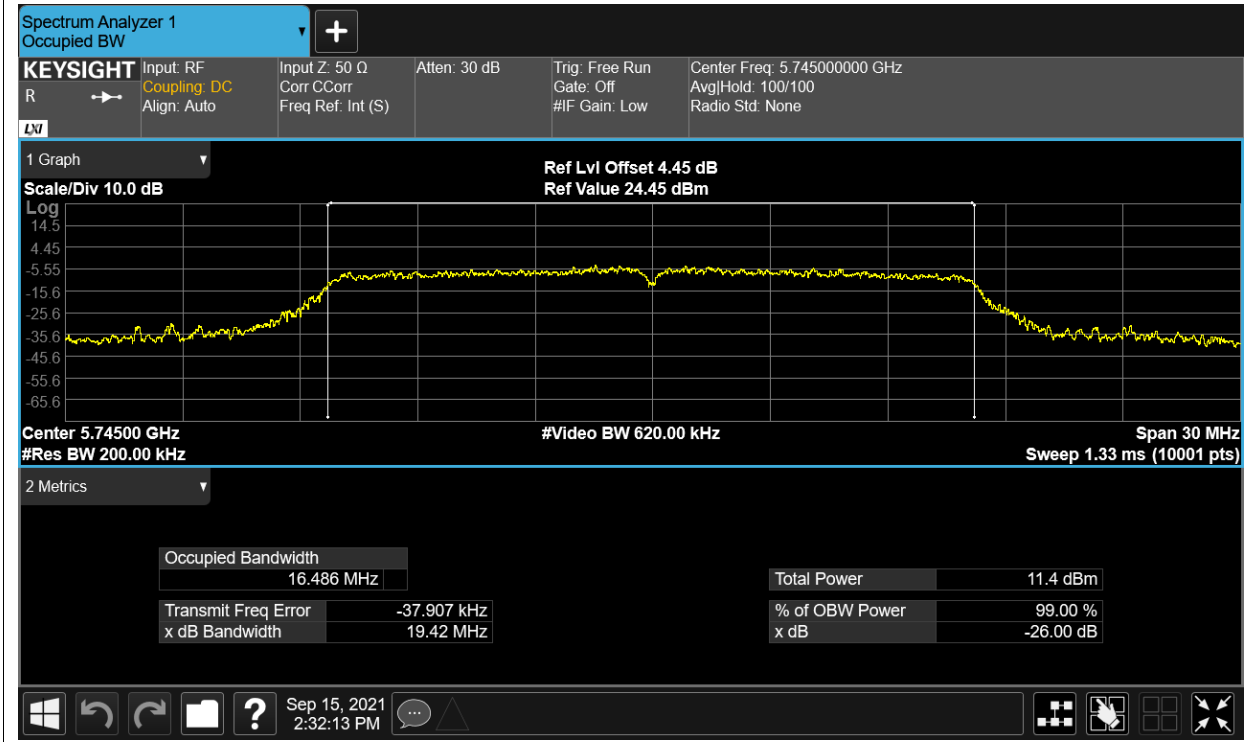
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.48564539
NVNT	a	5785	Ant1	16.54712603
NVNT	a	5825	Ant1	16.55002669
NVNT	ac20	5745	Ant1	17.59612434
NVNT	ac20	5785	Ant1	17.62134576
NVNT	ac20	5825	Ant1	17.61600645
NVNT	ac40	5755	Ant1	35.95449332
NVNT	ac40	5795	Ant1	35.8879483
NVNT	n20	5745	Ant1	17.57928695
NVNT	n20	5785	Ant1	17.6203143
NVNT	n20	5825	Ant1	17.61778266
NVNT	n40	5755	Ant1	35.94253316
NVNT	n40	5795	Ant1	35.92633078

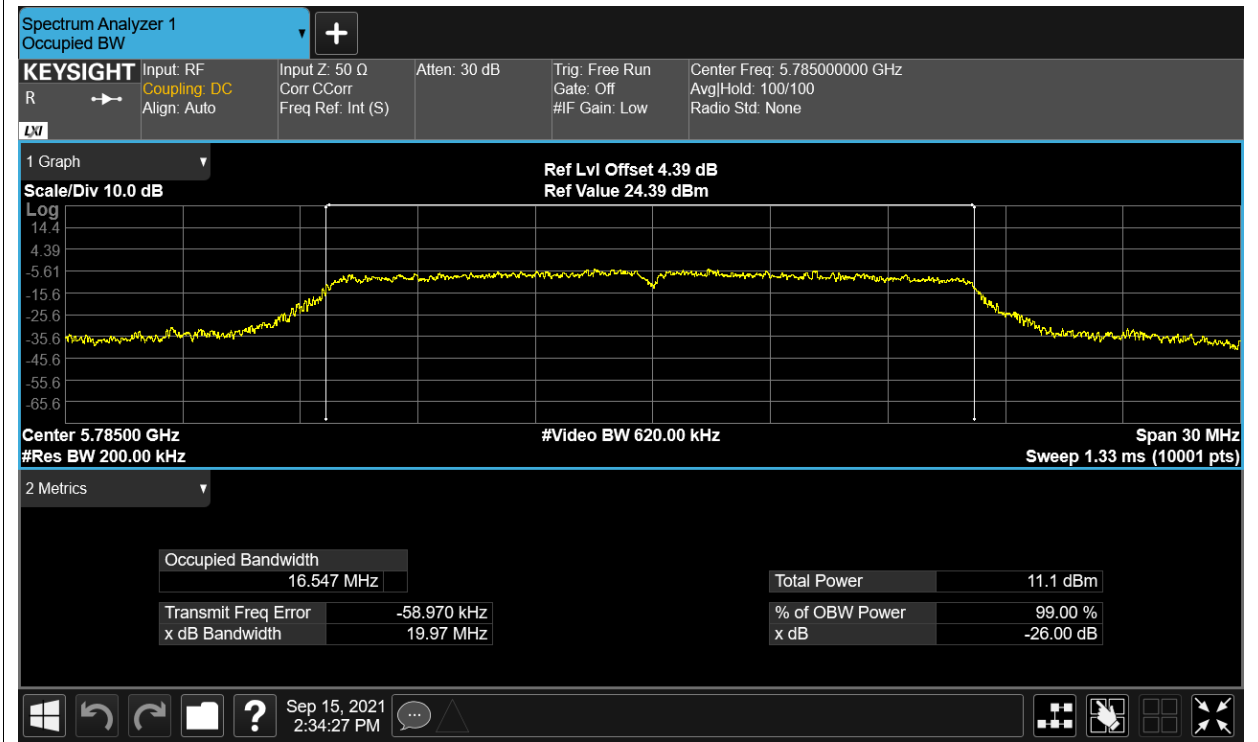


Test Graphs

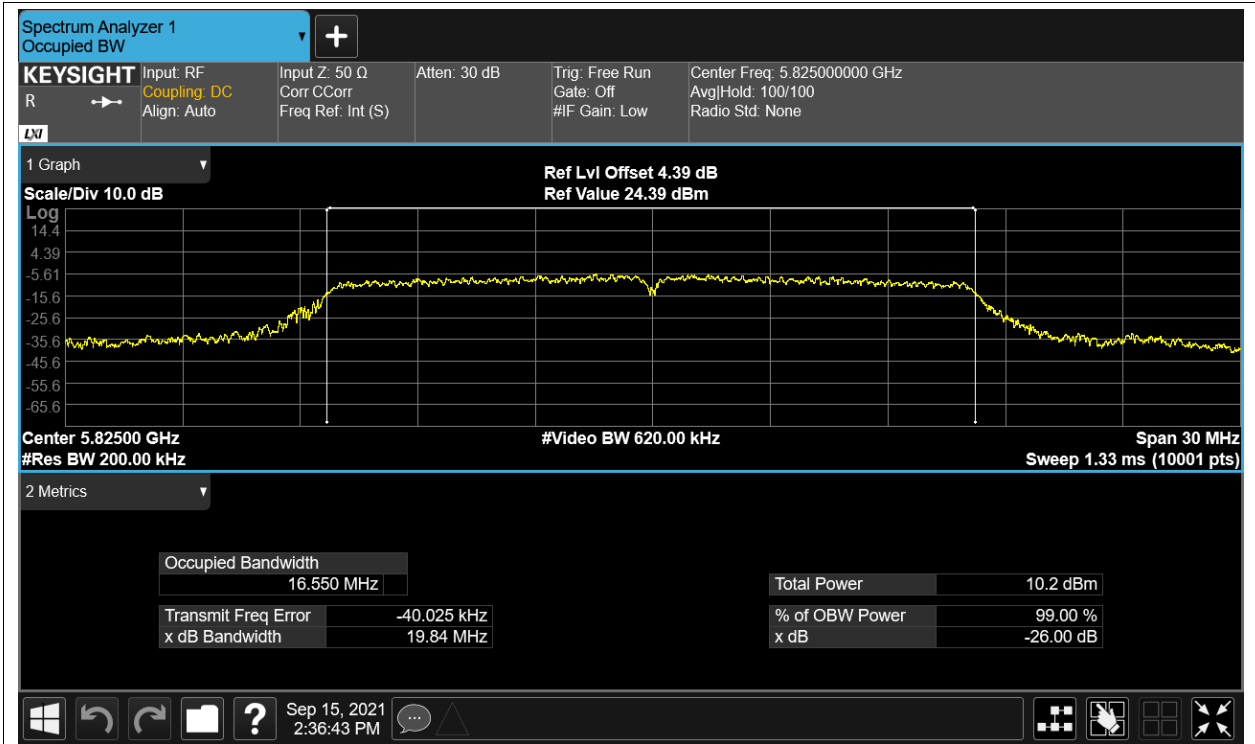
OBW NVNT a 5745MHz Ant1



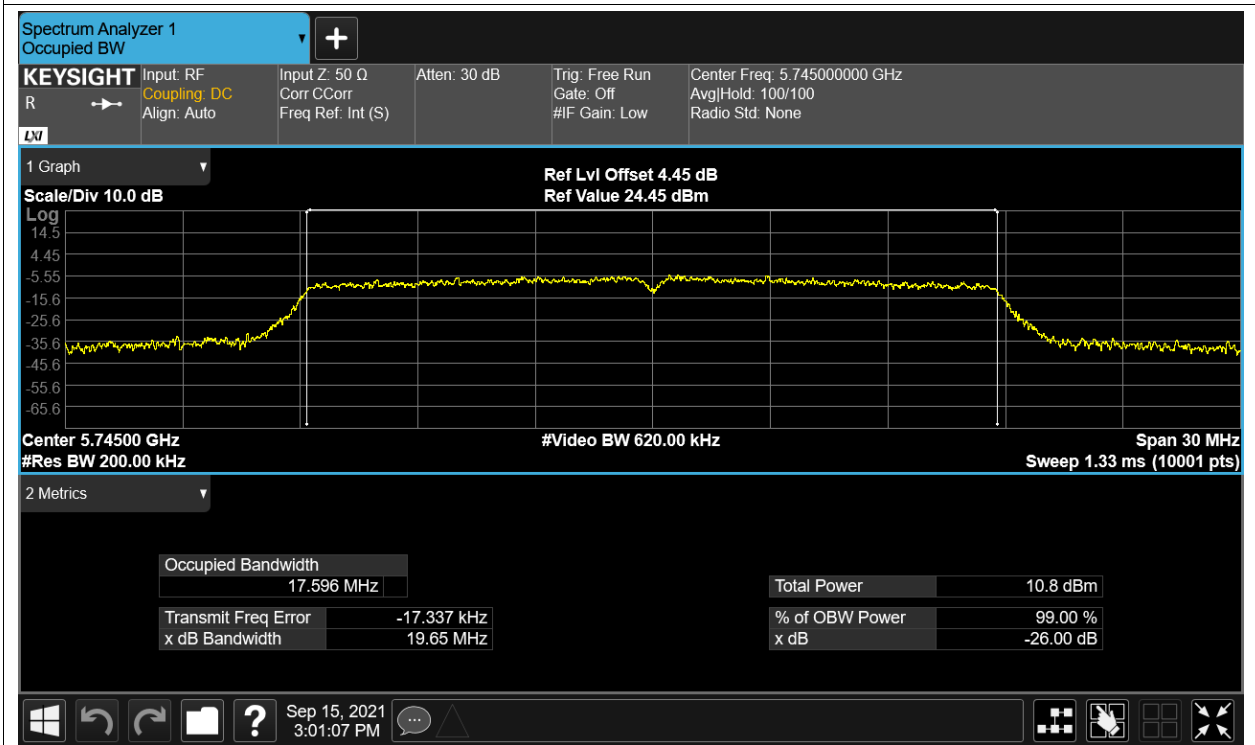
OBW NVNT a 5785MHz Ant1



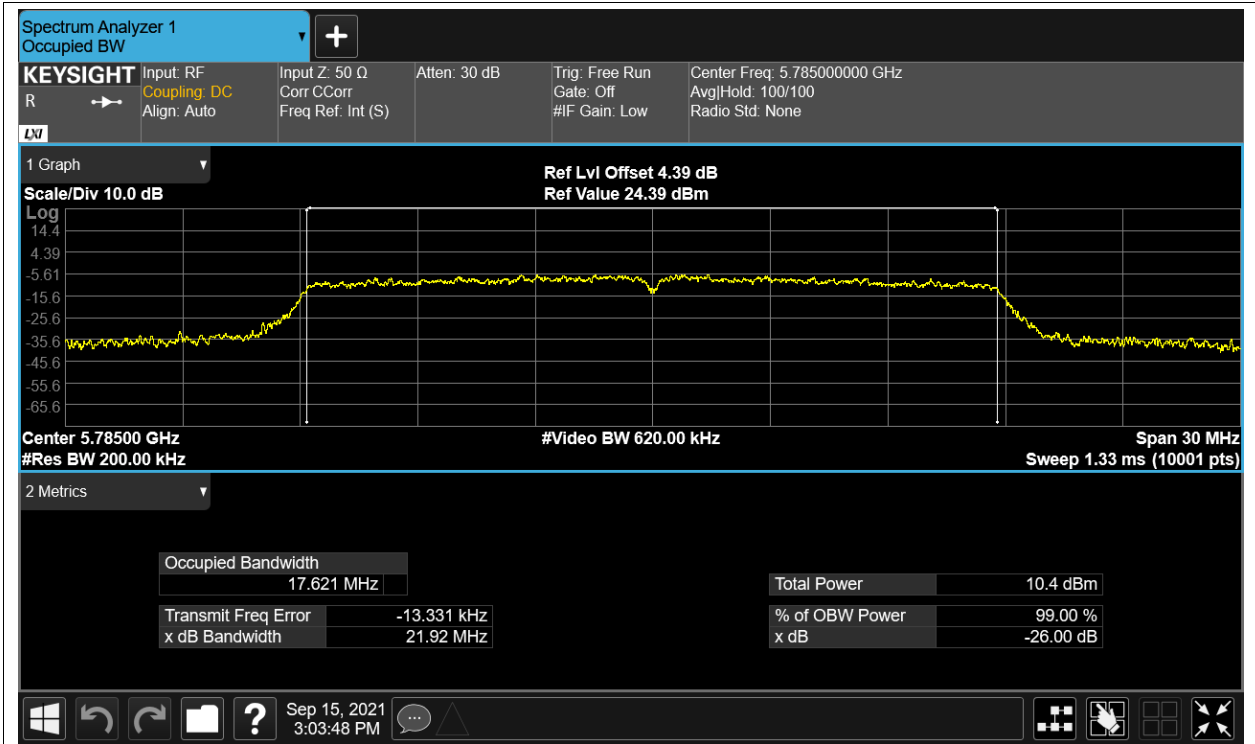
OBW NVNT a 5825MHz Ant1



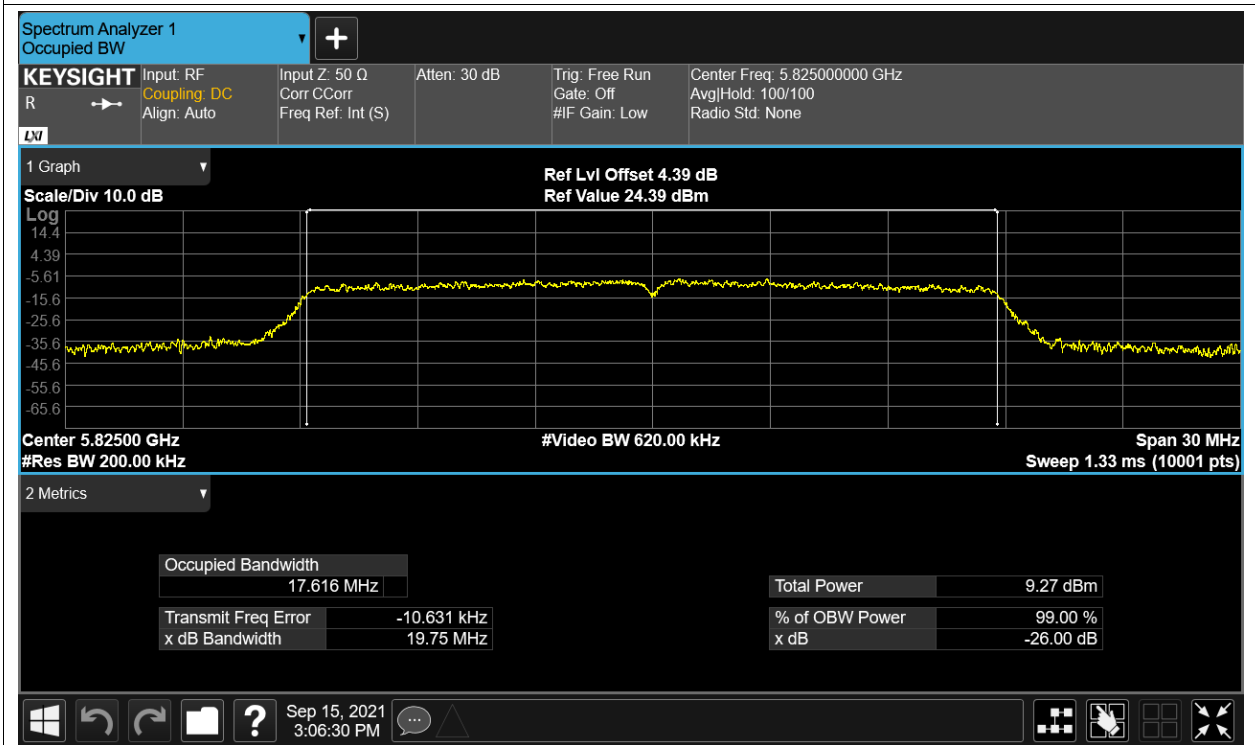
OBW NVNT ac20 5745MHz Ant1



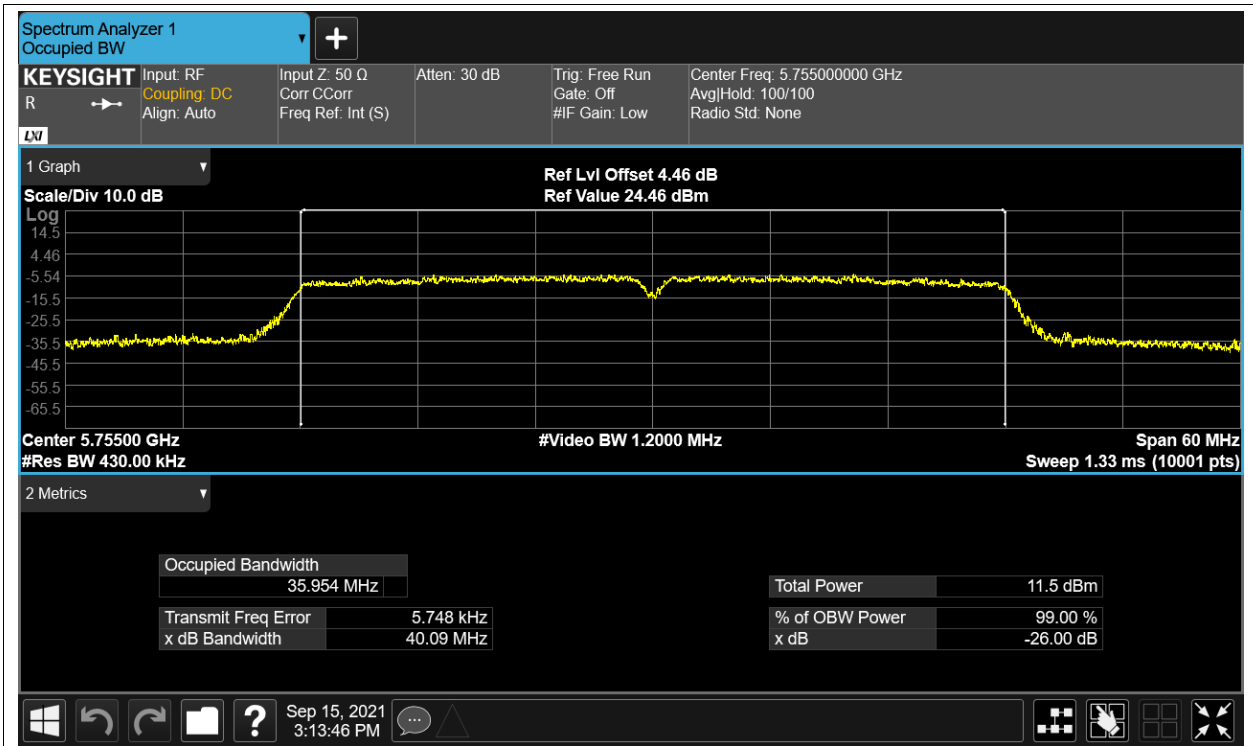
OBW NVNT ac20 5785MHz Ant1



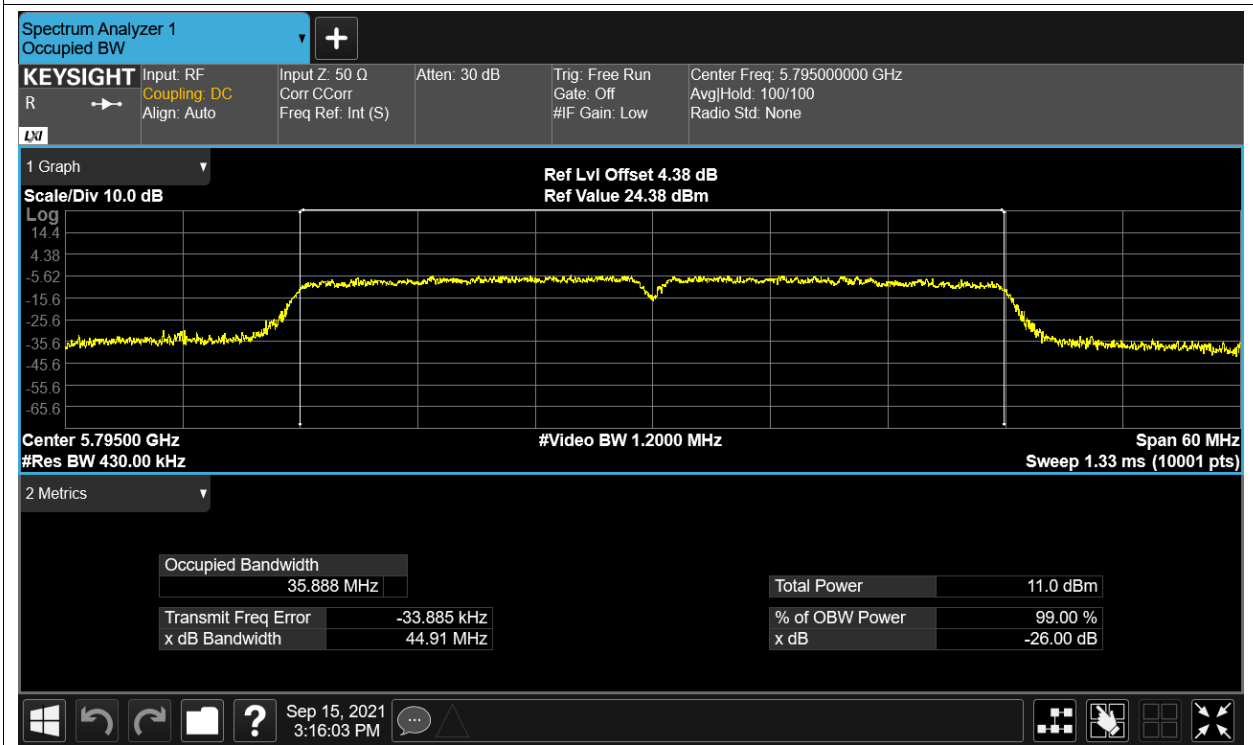
OBW NVNT ac20 5825MHz Ant1



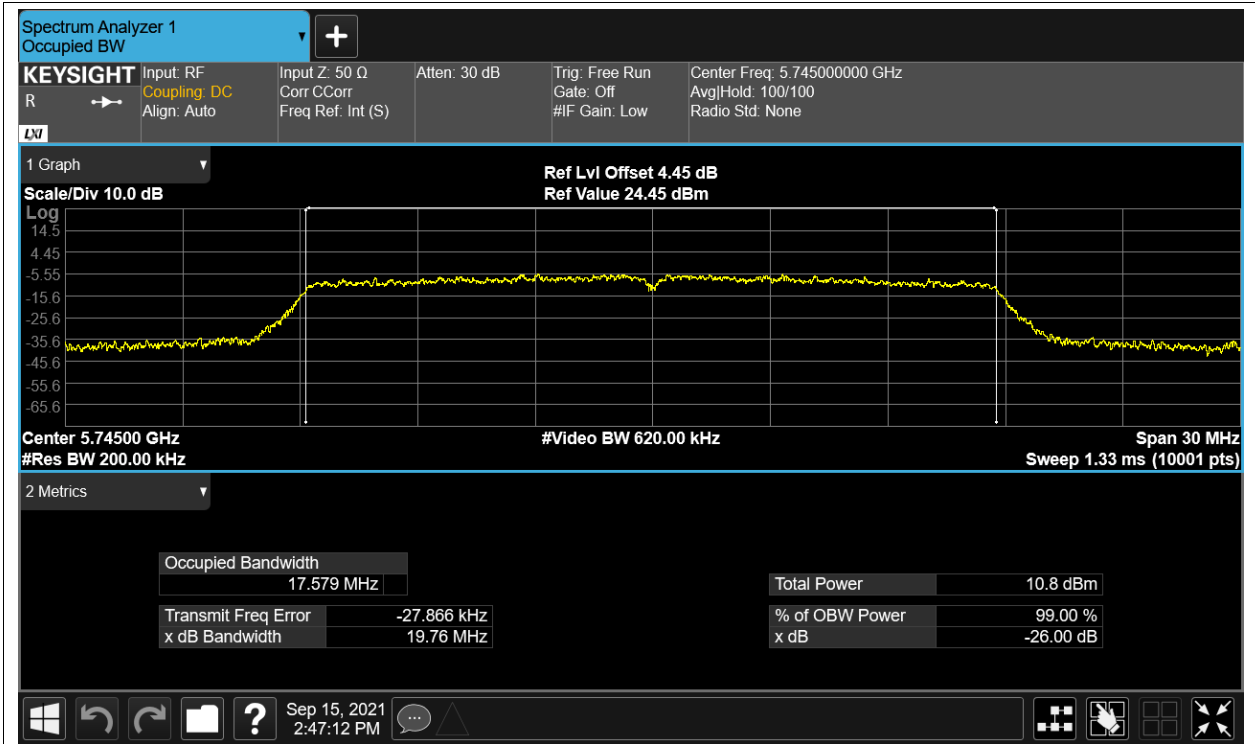
OBW NVNT ac40 5755MHz Ant1



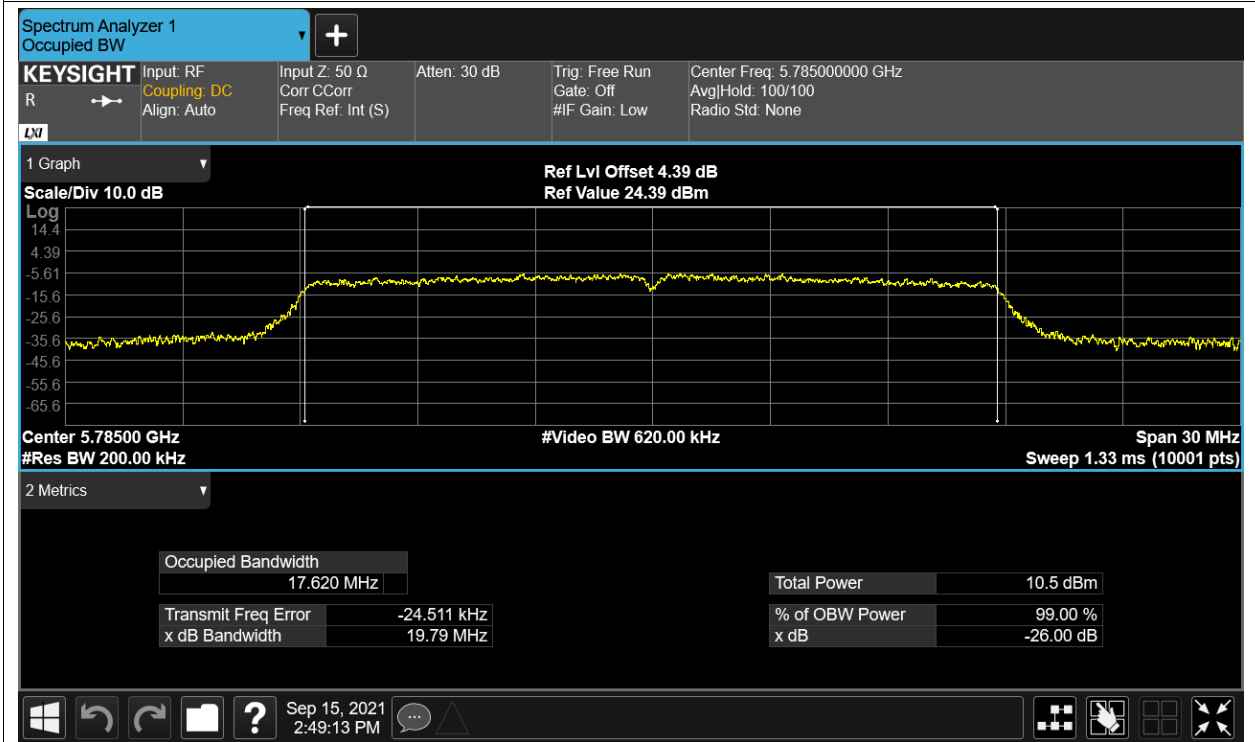
OBW NVNT ac40 5795MHz Ant1



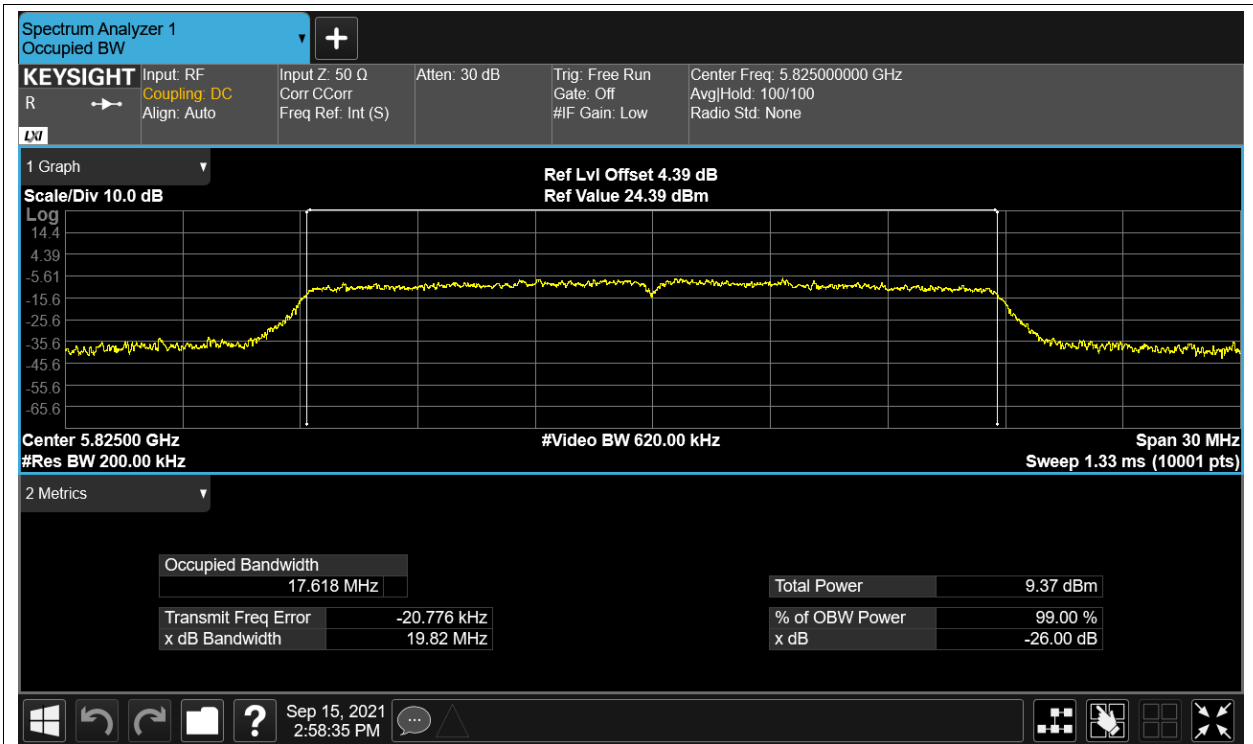
OBW NVNT n20 5745MHz Ant1



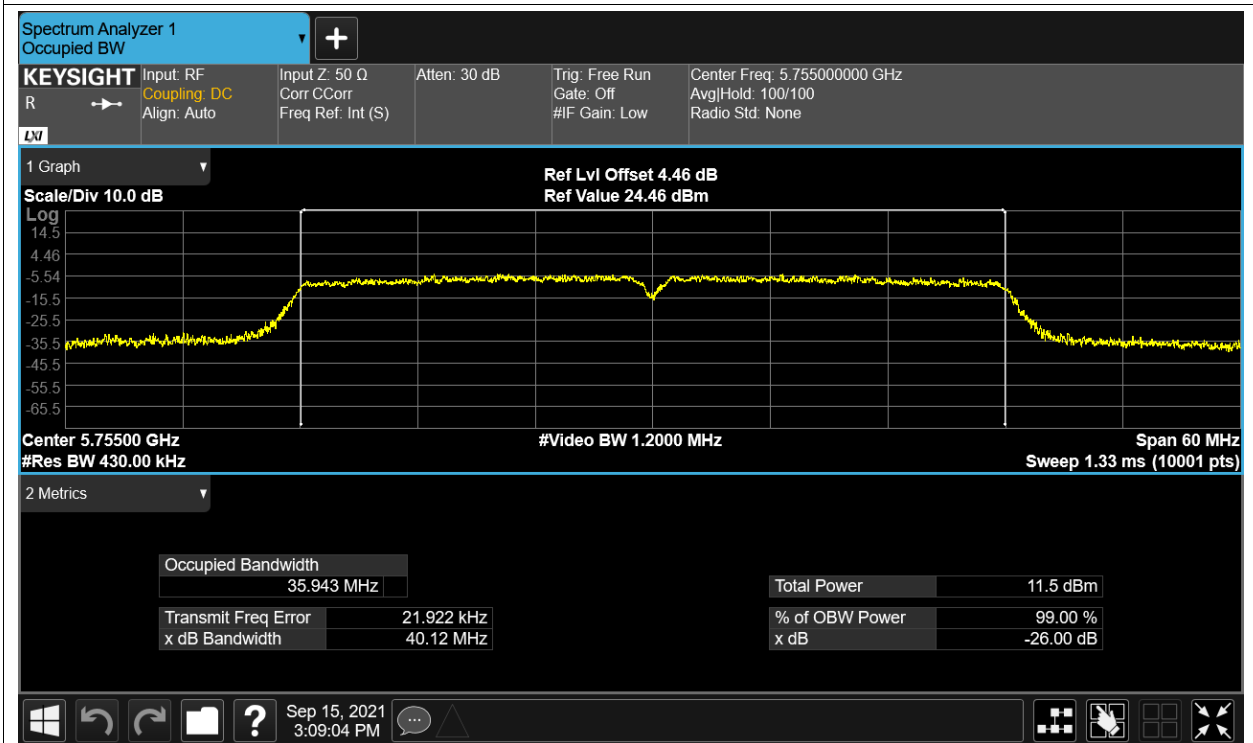
OBW NVNT n20 5785MHz Ant1



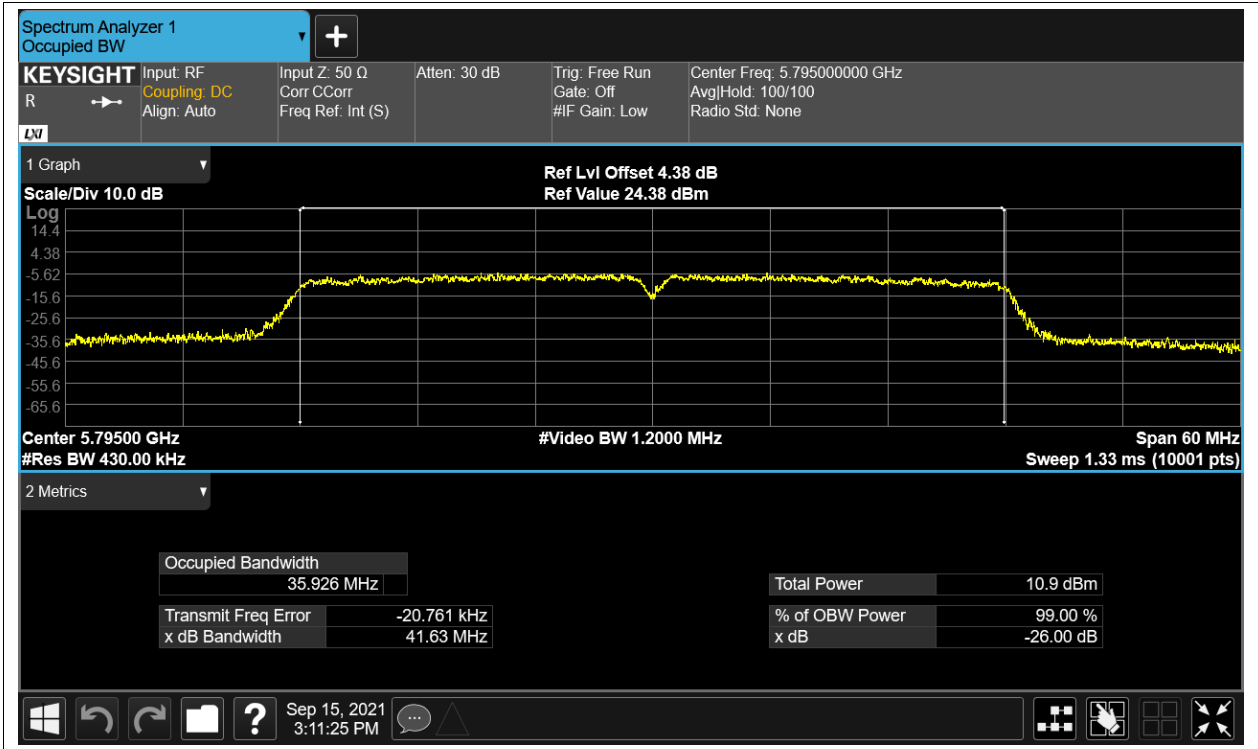
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



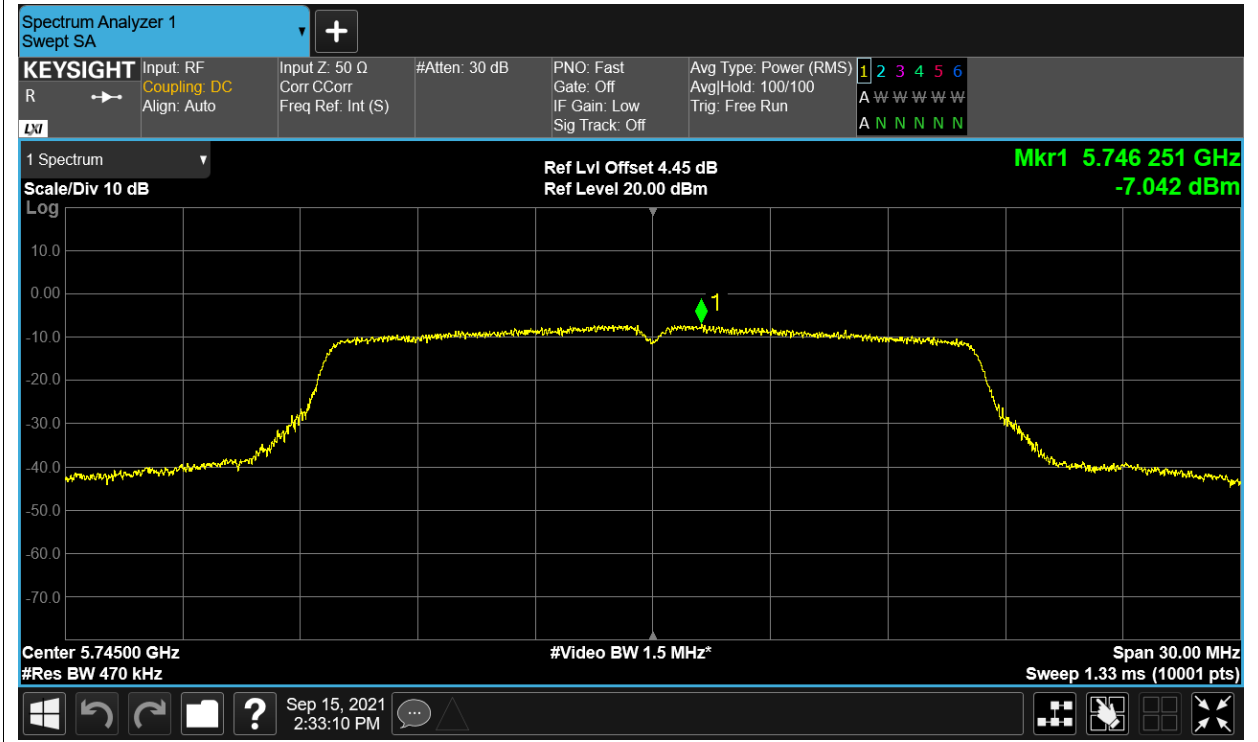
## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.042	30	Pass
NVNT	a	5785	Ant1	-7.275	30	Pass
NVNT	a	5825	Ant1	-8.198	30	Pass
NVNT	ac20	5745	Ant1	-7.404	30	Pass
NVNT	ac20	5785	Ant1	-7.851	30	Pass
NVNT	ac20	5825	Ant1	-8.699	30	Pass
NVNT	ac40	5755	Ant1	-11.054	30	Pass
NVNT	ac40	5795	Ant1	-11.174	30	Pass
NVNT	n20	5745	Ant1	-7.572	30	Pass
NVNT	n20	5785	Ant1	-8.102	30	Pass
NVNT	n20	5825	Ant1	-8.856	30	Pass
NVNT	n40	5755	Ant1	-10.943	30	Pass
NVNT	n40	5795	Ant1	-11.407	30	Pass

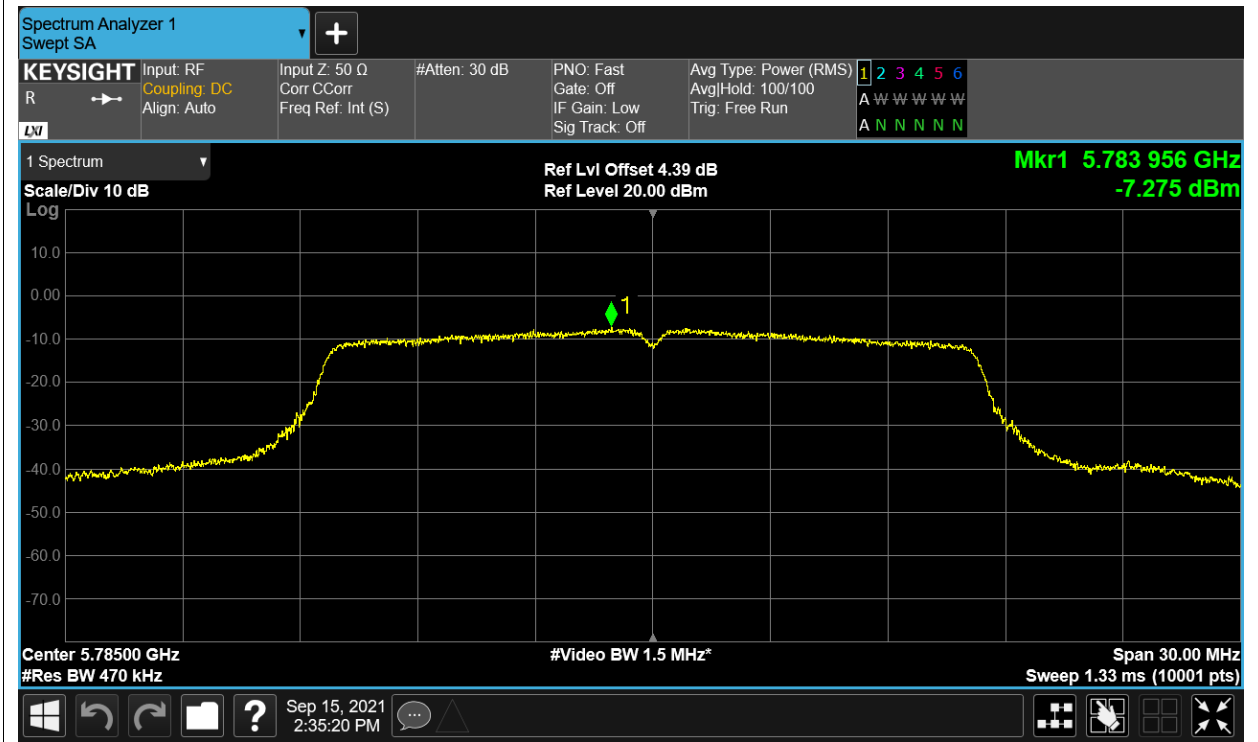


Test Graphs

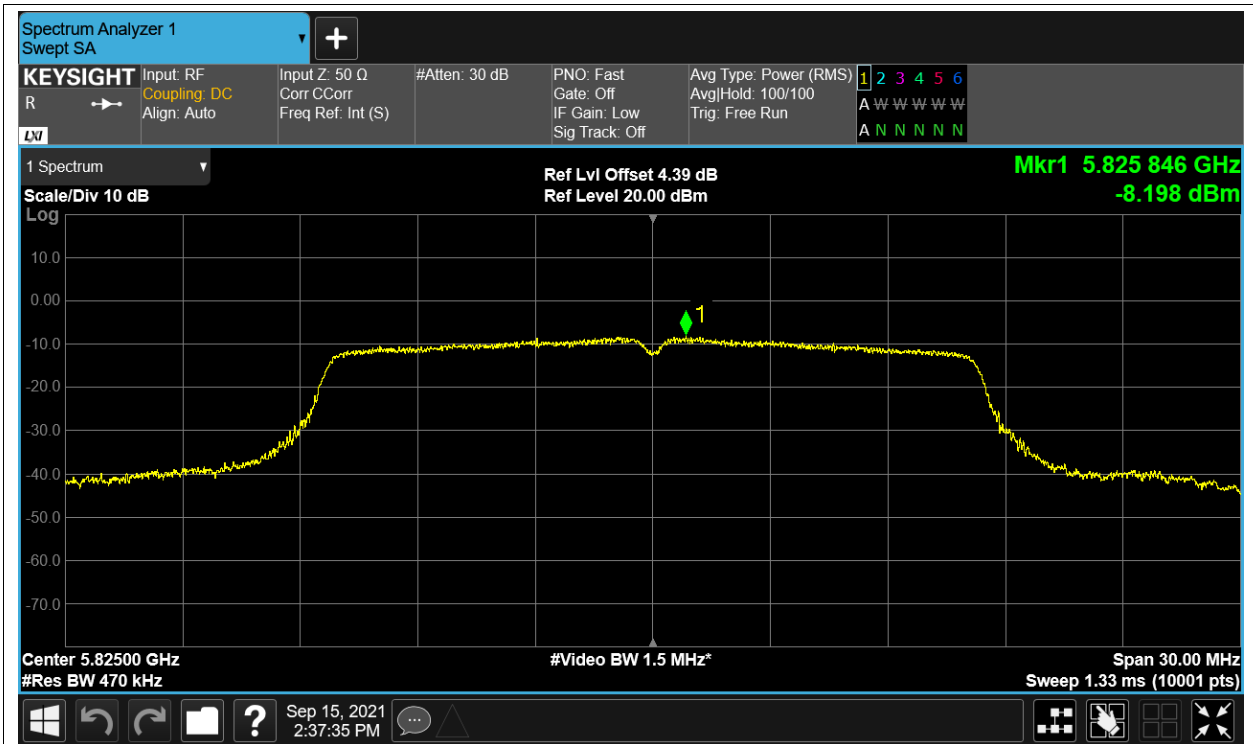
PSD NVNT a 5745MHz Ant1



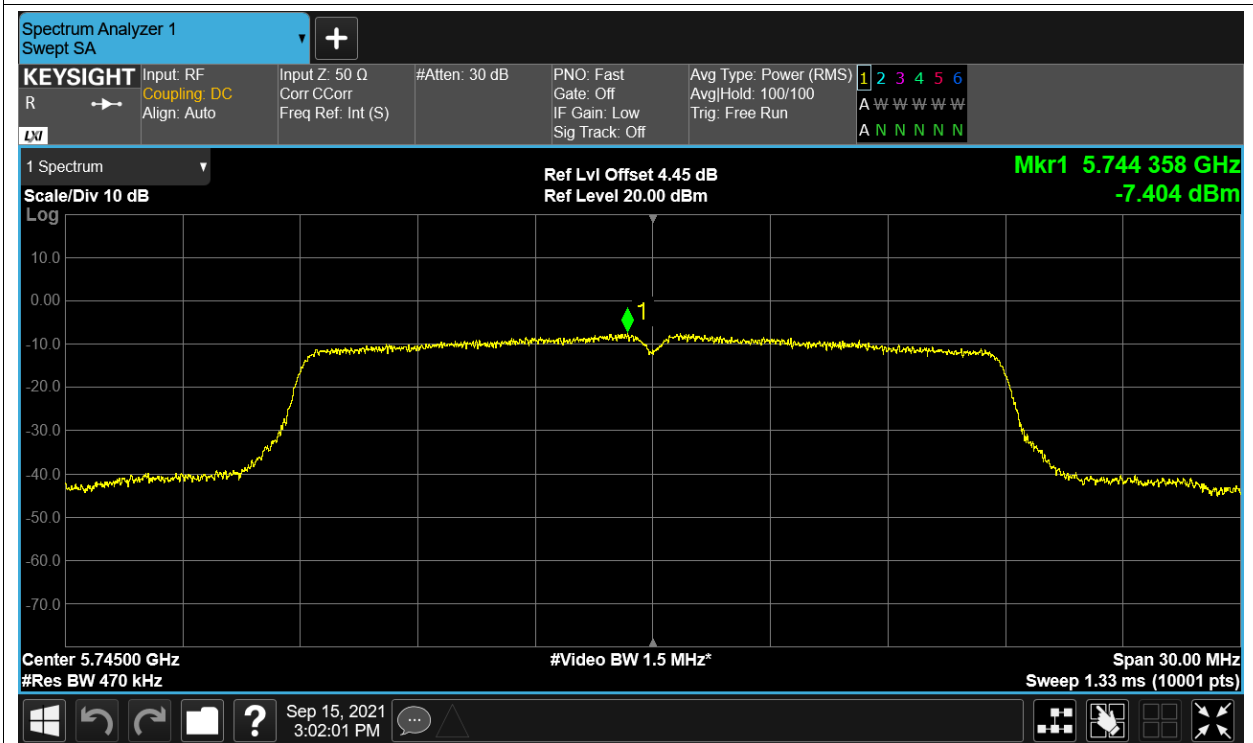
PSD NVNT a 5785MHz Ant1



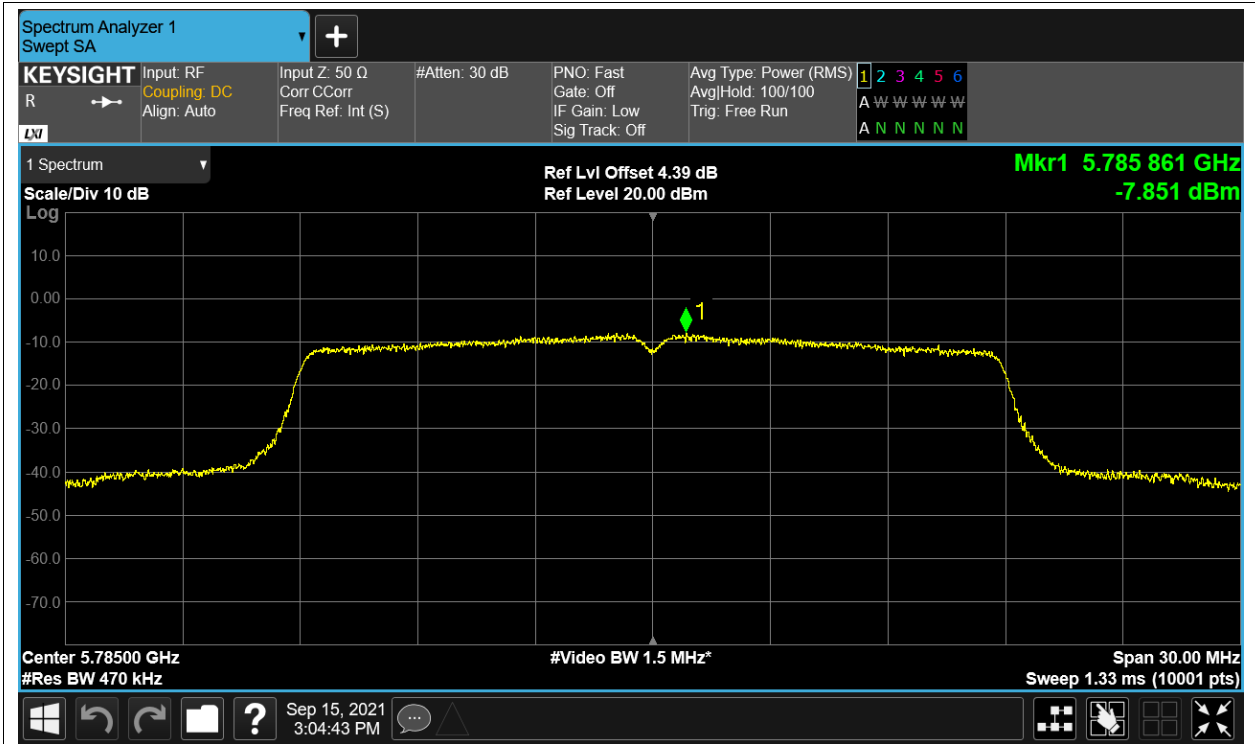
PSD NVNT a 5825MHz Ant1



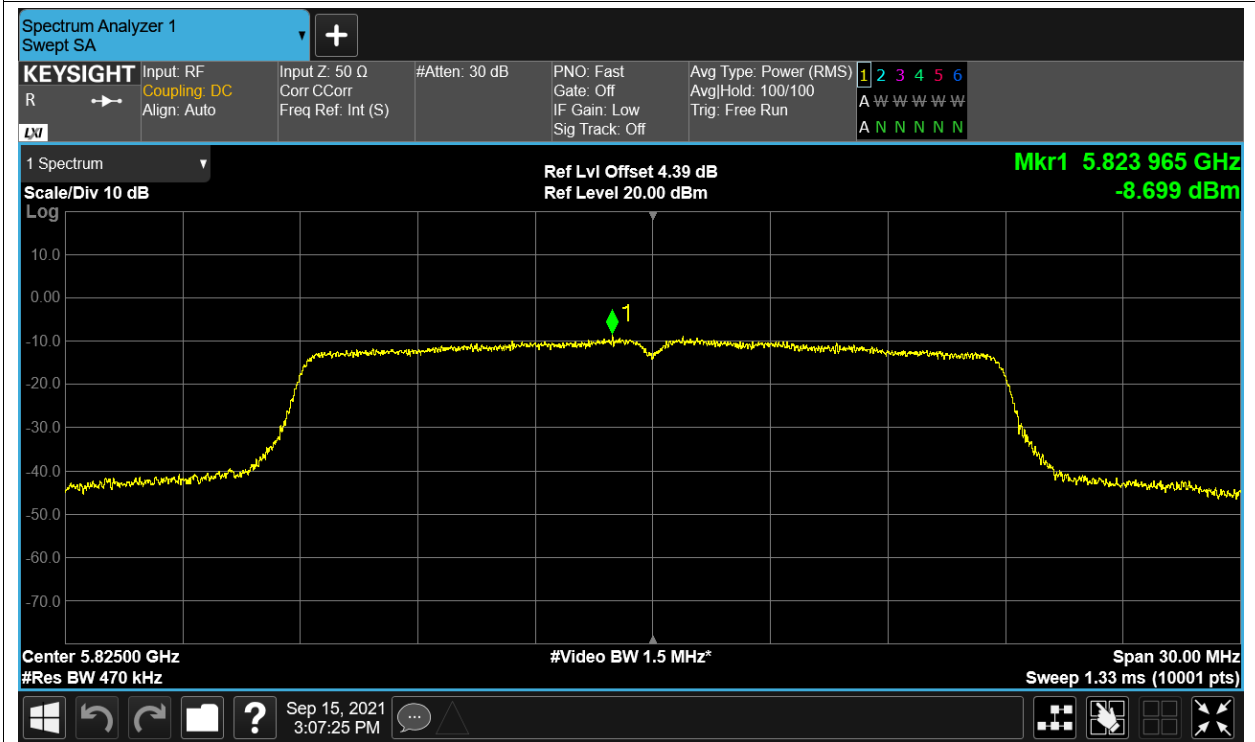
PSD NVNT ac20 5745MHz Ant1



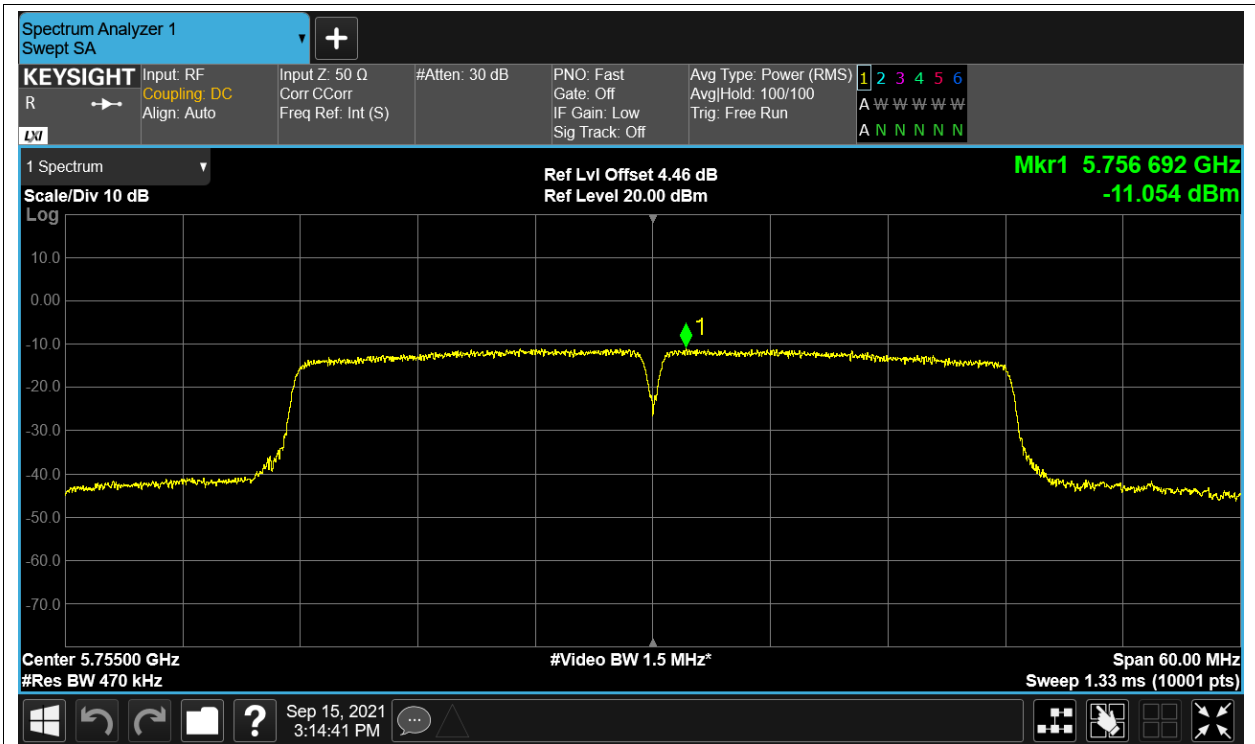
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



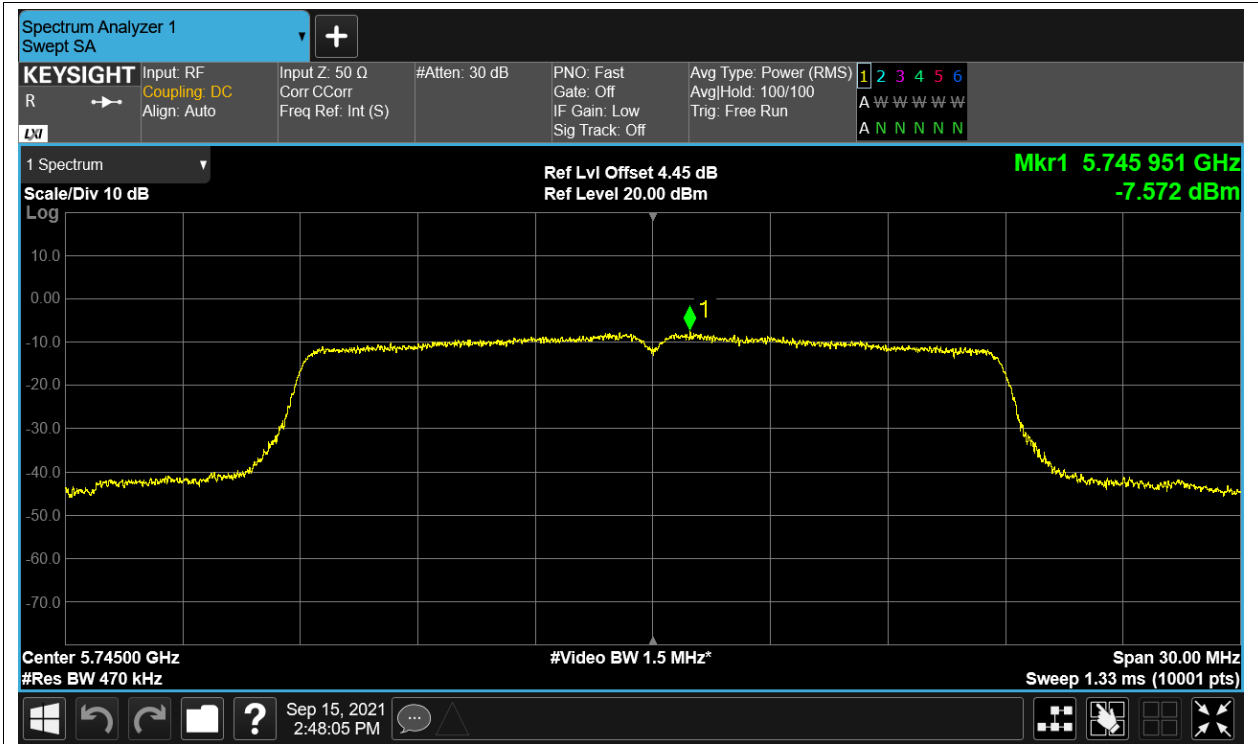
PSD NVNT ac40 5755MHz Ant1



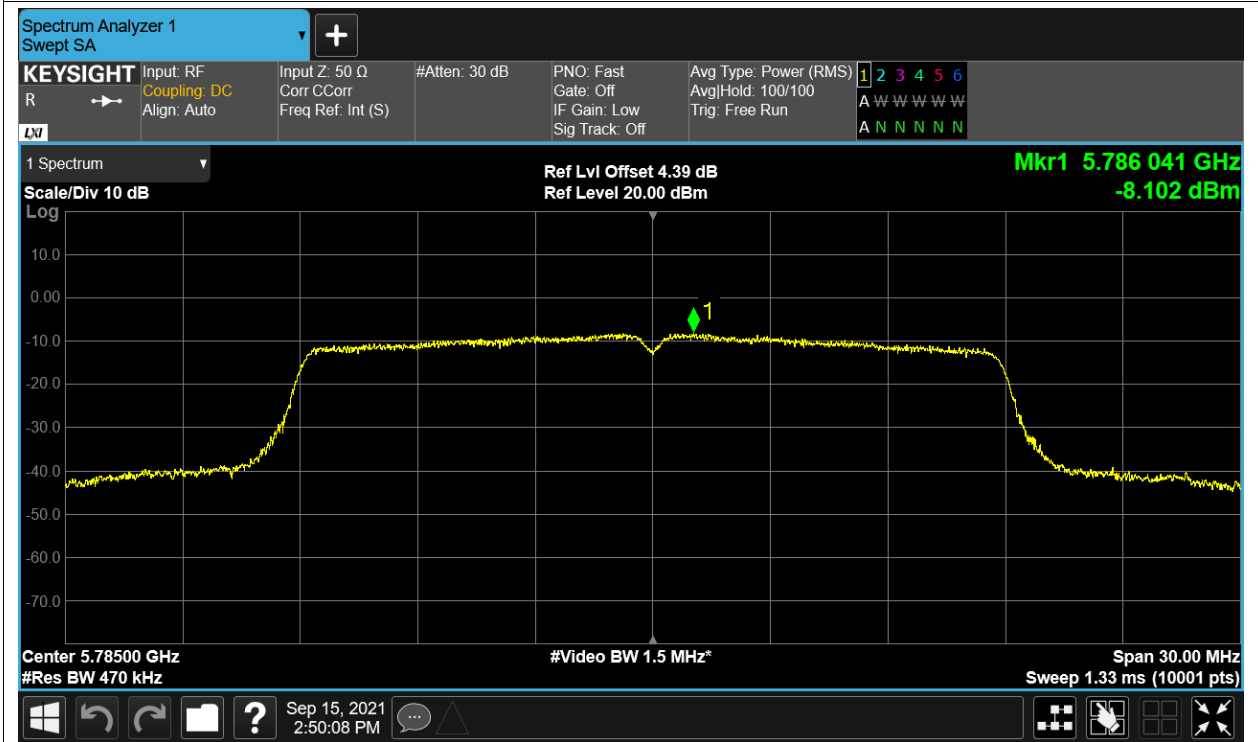
PSD NVNT ac40 5795MHz Ant1



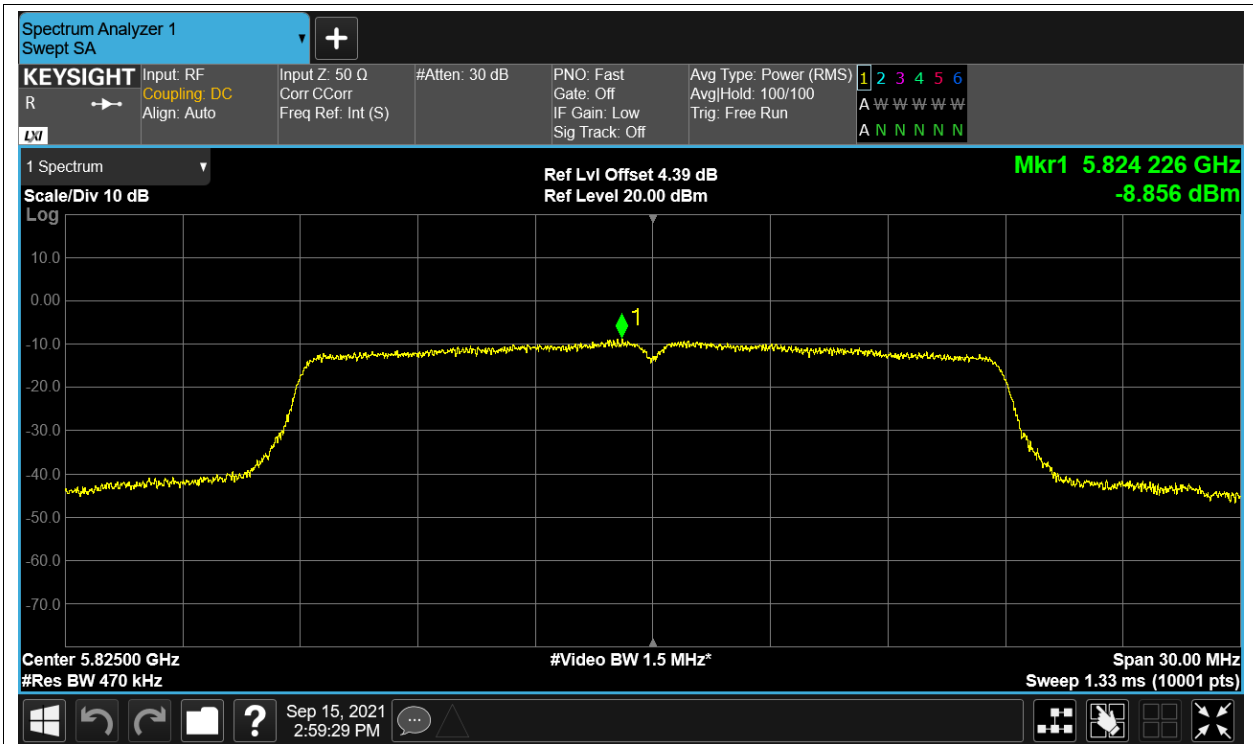
PSD NVNT n20 5745MHz Ant1



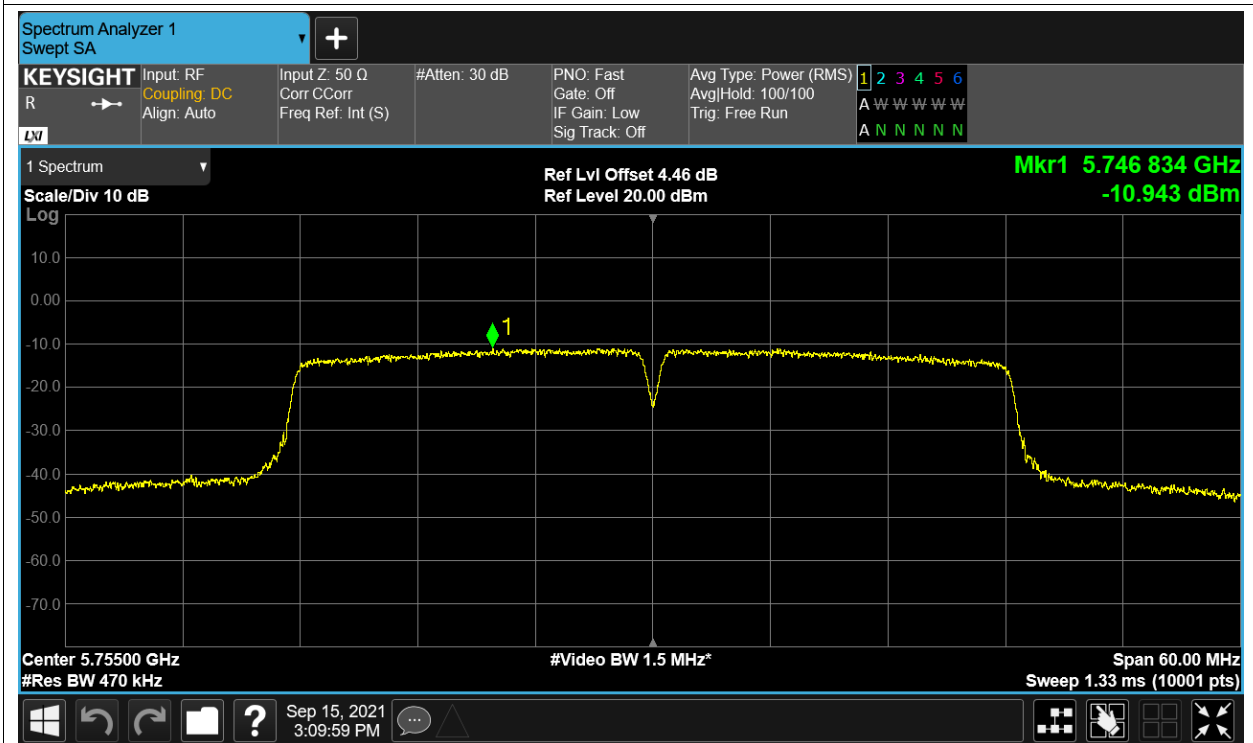
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

