

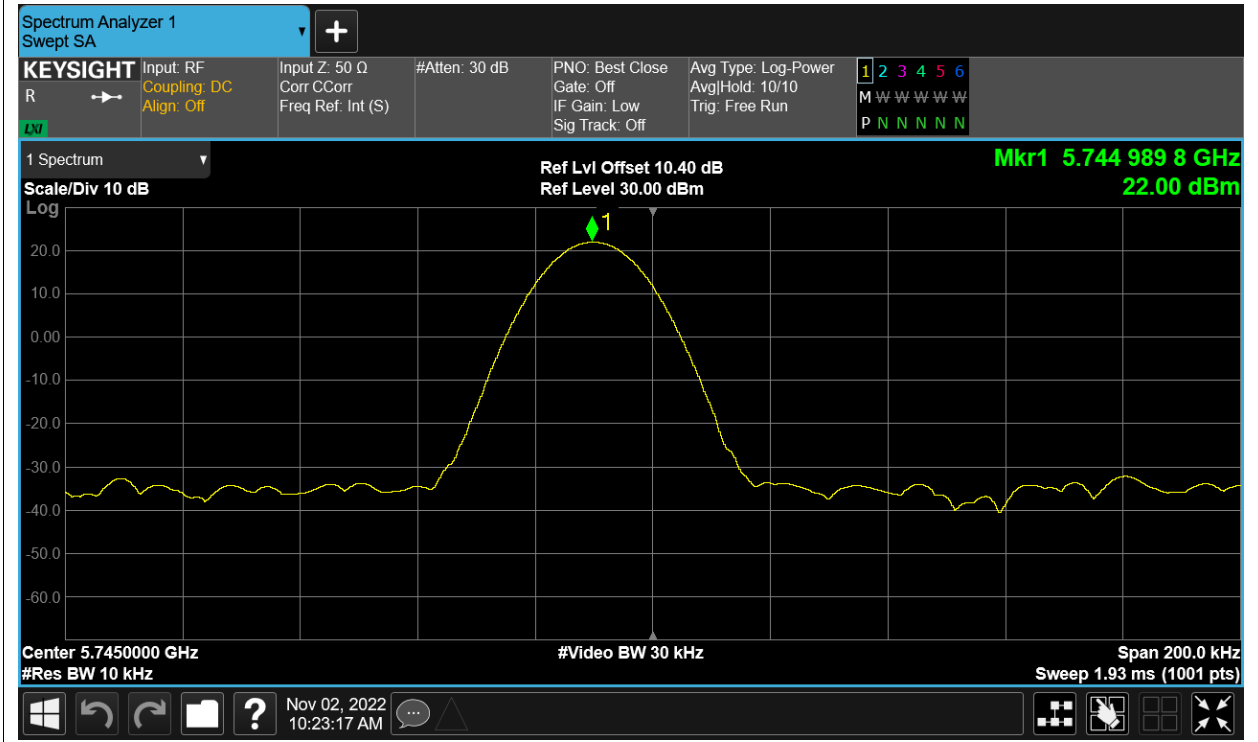
Test Data

Frequency Stability

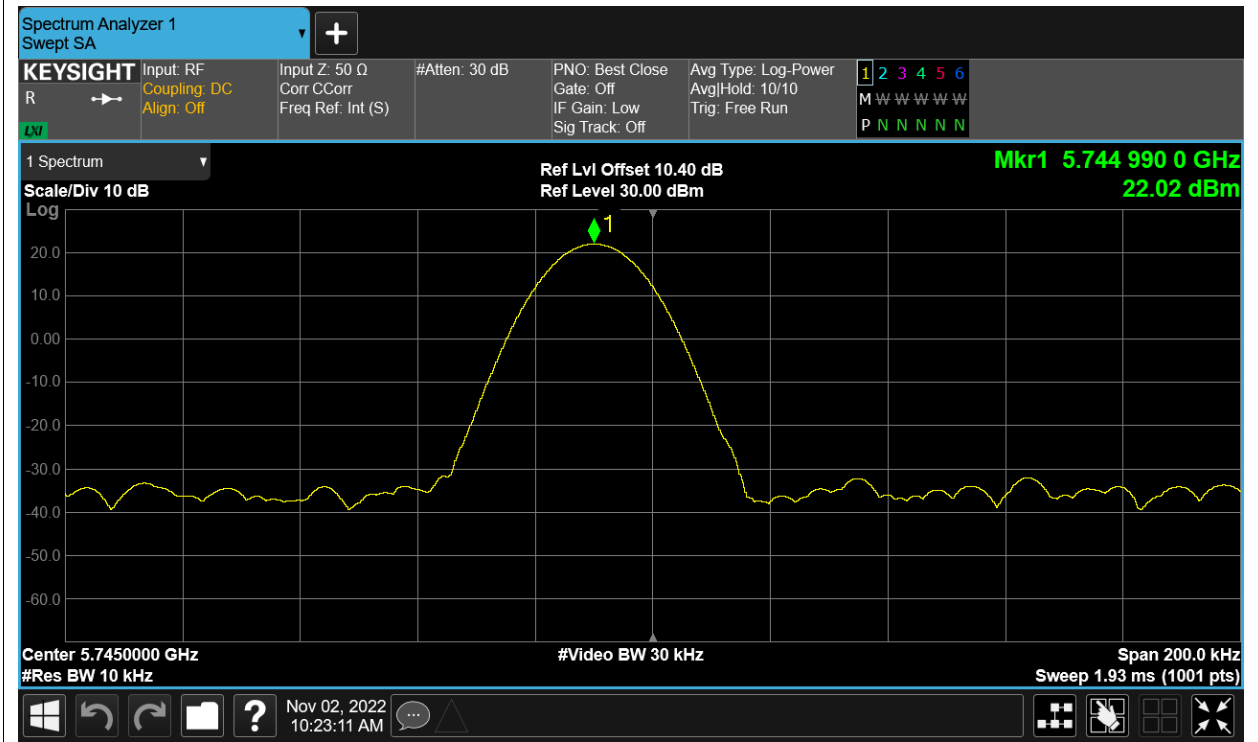
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant2	5744.9898	-1.78	25	Pass
LVNT	a	5745	Ant2	5744.99	-1.74	25	Pass
NVHT	a	5745	Ant2	5744.9904	-1.67	25	Pass
NVLT	a	5745	Ant2	5744.991	-1.57	25	Pass
NVNT	a	5745	Ant2	5744.9928	-1.25	25	Pass
HVNT	ac80	5775	Ant2	5774.989	-1.9	25	Pass
LVNT	ac80	5775	Ant2	5774.9892	-1.87	25	Pass
NVHT	ac80	5775	Ant2	5774.9896	-1.8	25	Pass
NVLT	ac80	5775	Ant2	5774.9906	-1.63	25	Pass
NVNT	ac80	5775	Ant2	5774.9928	-1.25	25	Pass
HVNT	n40	5755	Ant2	5754.9896	-1.81	25	Pass
LVNT	n40	5755	Ant2	5754.9898	-1.77	25	Pass
NVHT	n40	5755	Ant2	5754.9904	-1.67	25	Pass
NVLT	n40	5755	Ant2	5754.9912	-1.53	25	Pass
NVNT	n40	5755	Ant2	5754.9934	-1.15	25	Pass

Test Graphs

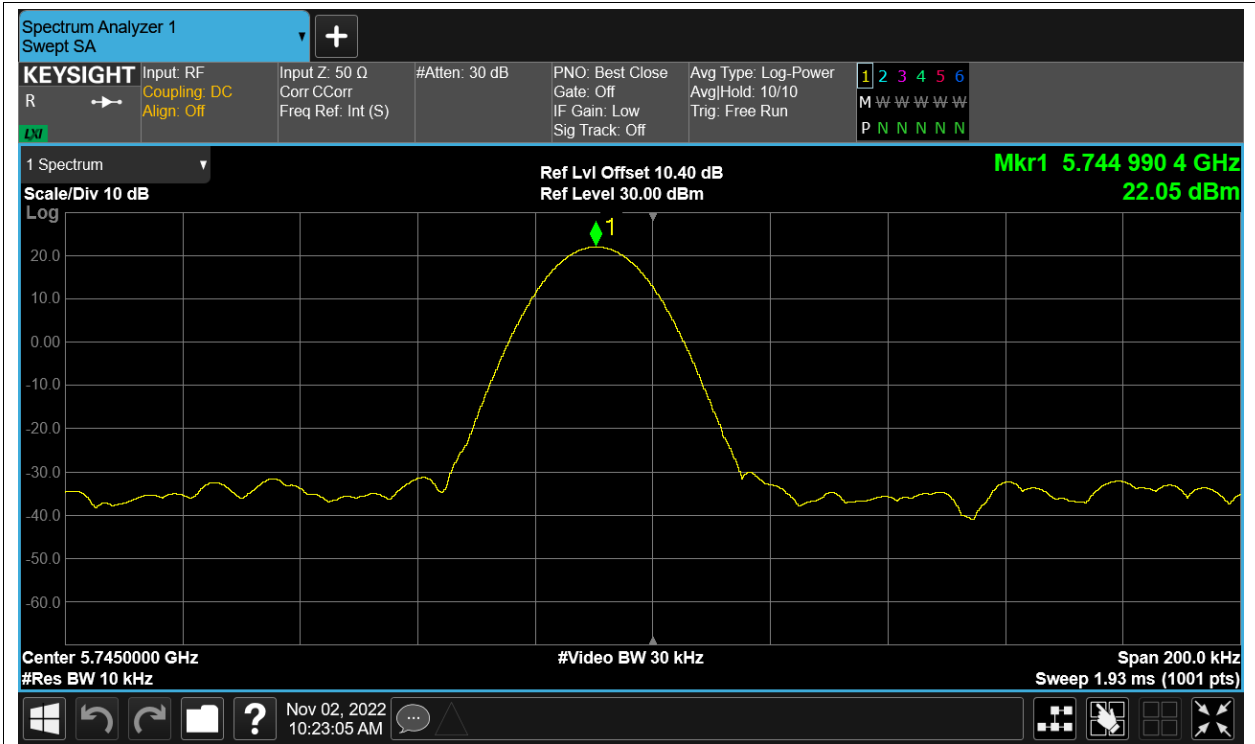
Freq. Stability HVNT a 5745MHz Ant2



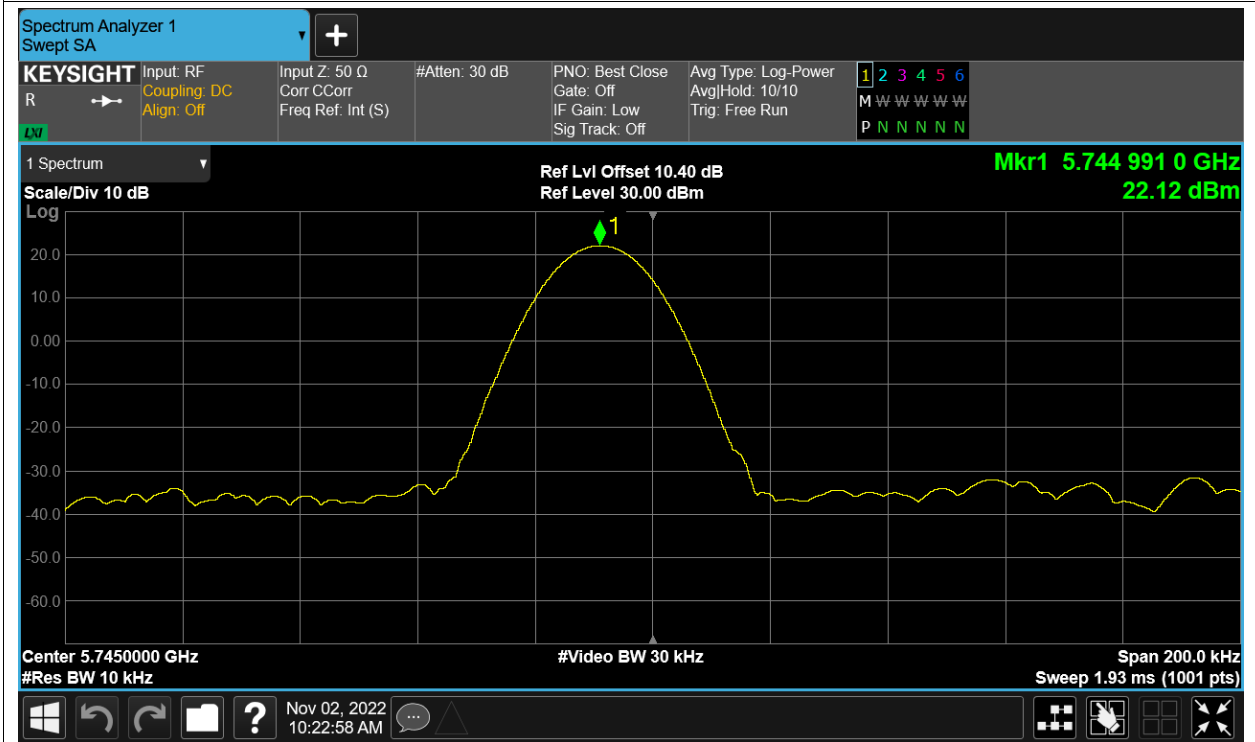
Freq. Stability LVNT a 5745MHz Ant2



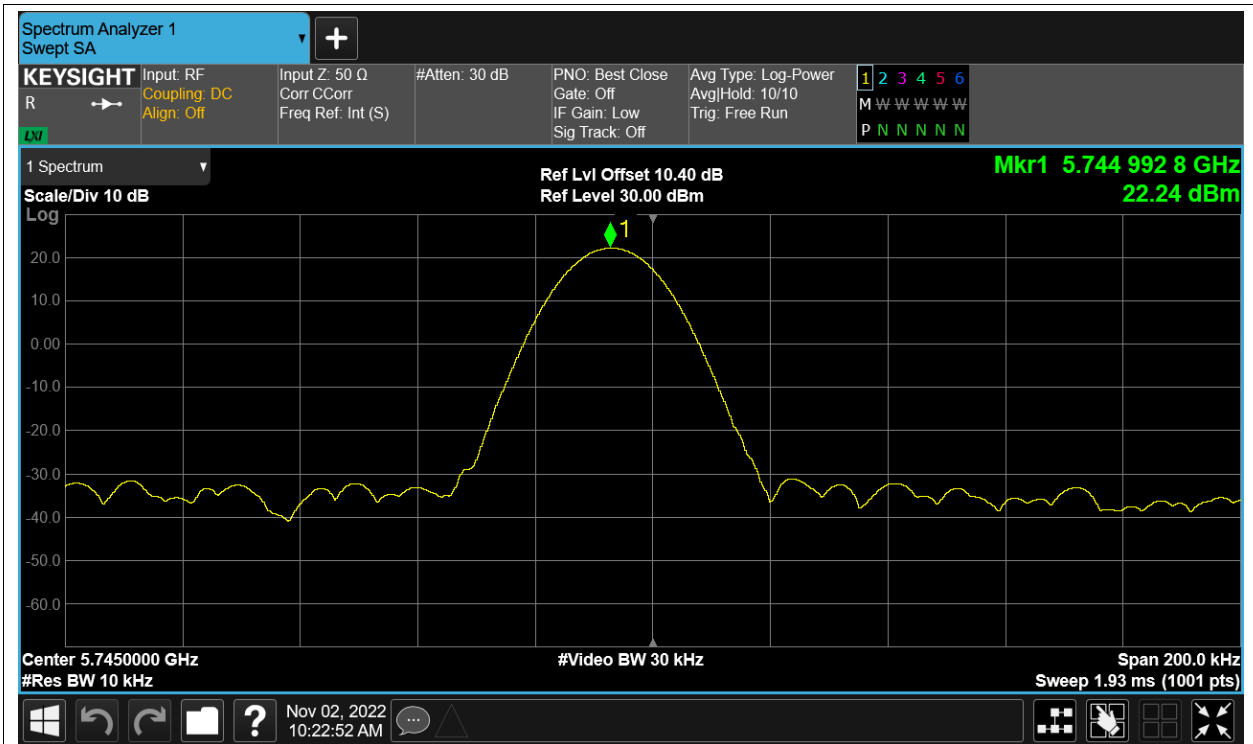
Freq. Stability NVHT a 5745MHz Ant2



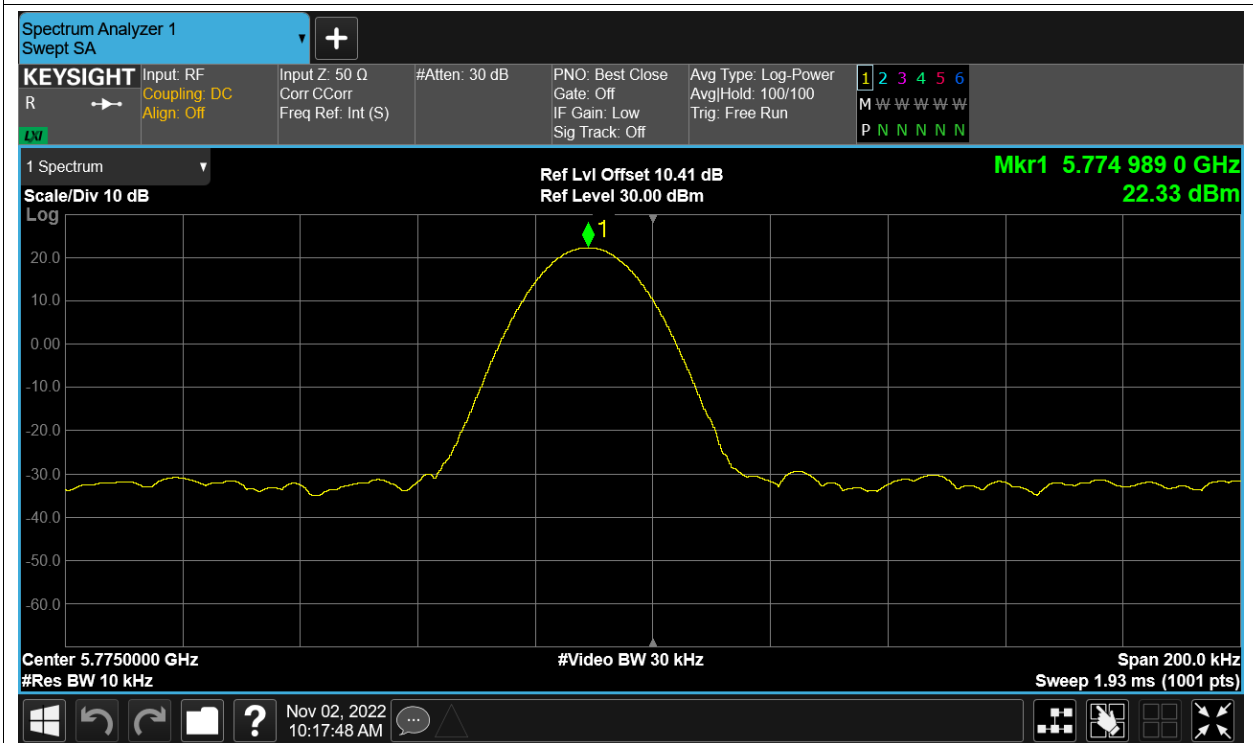
Freq. Stability NVLT a 5745MHz Ant2



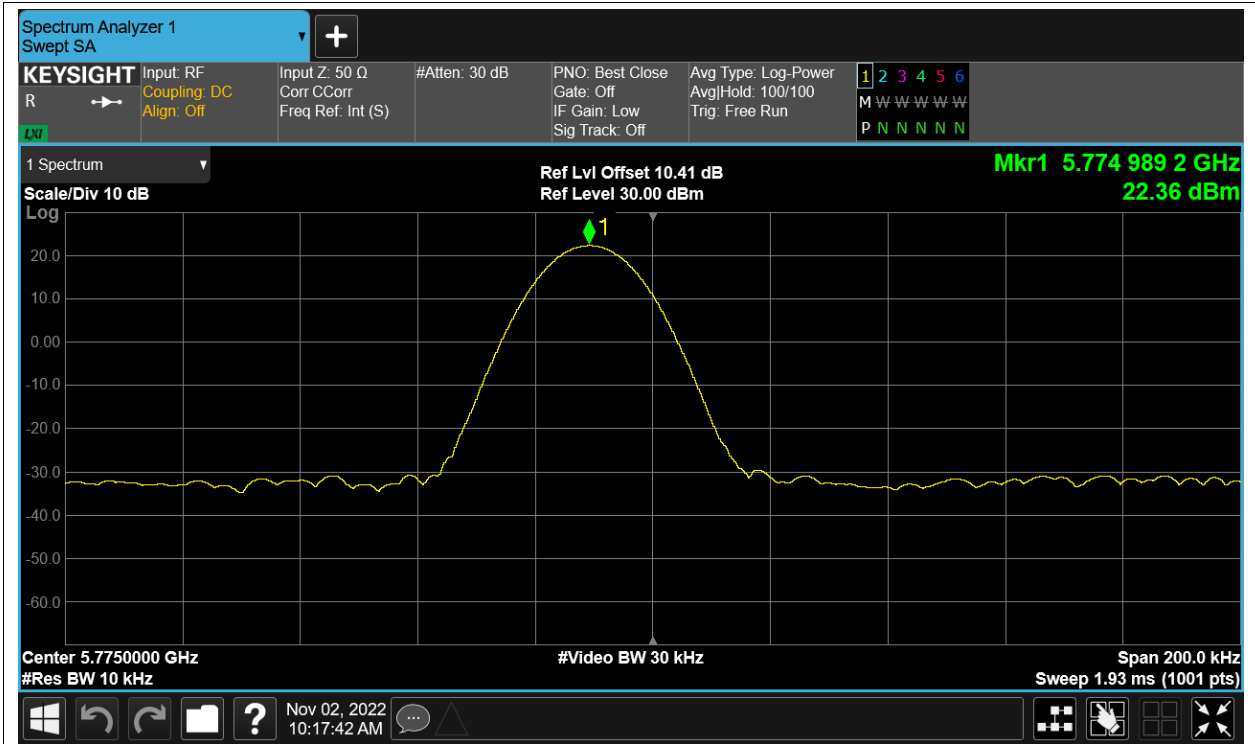
Freq. Stability NVNT a 5745MHz Ant2



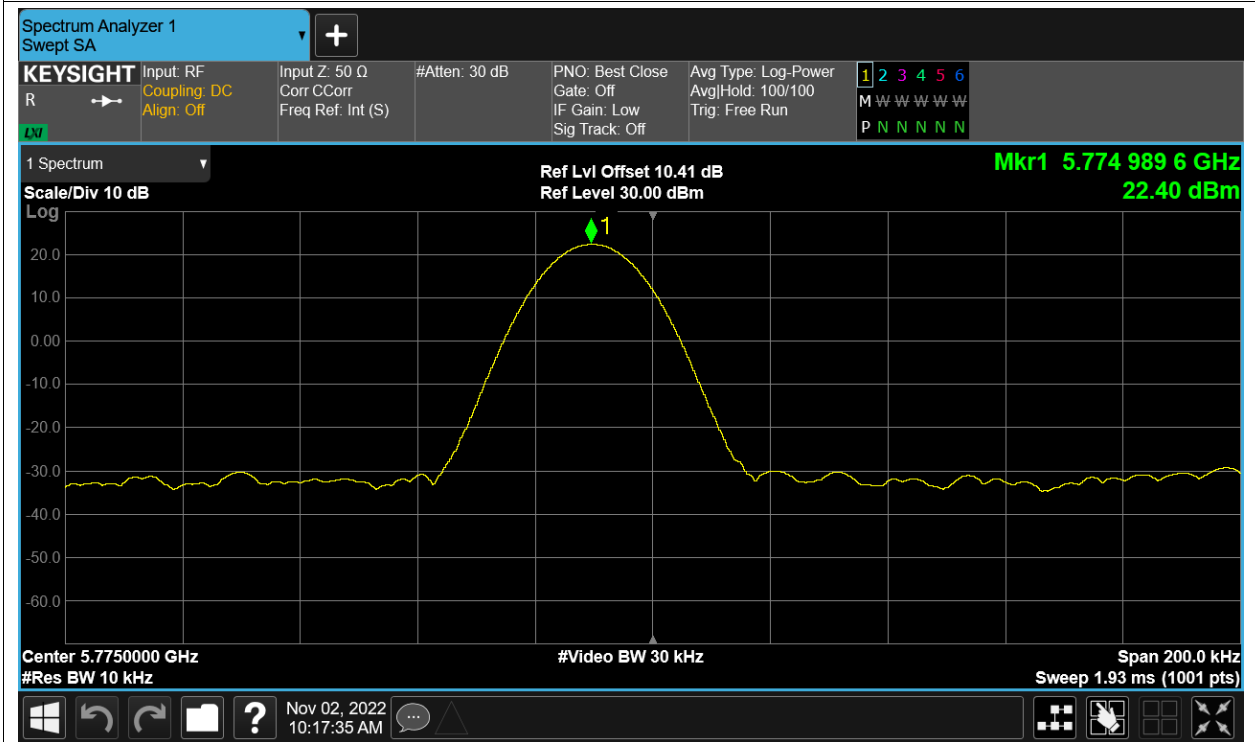
Freq. Stability HVNT ac80 5775MHz Ant2



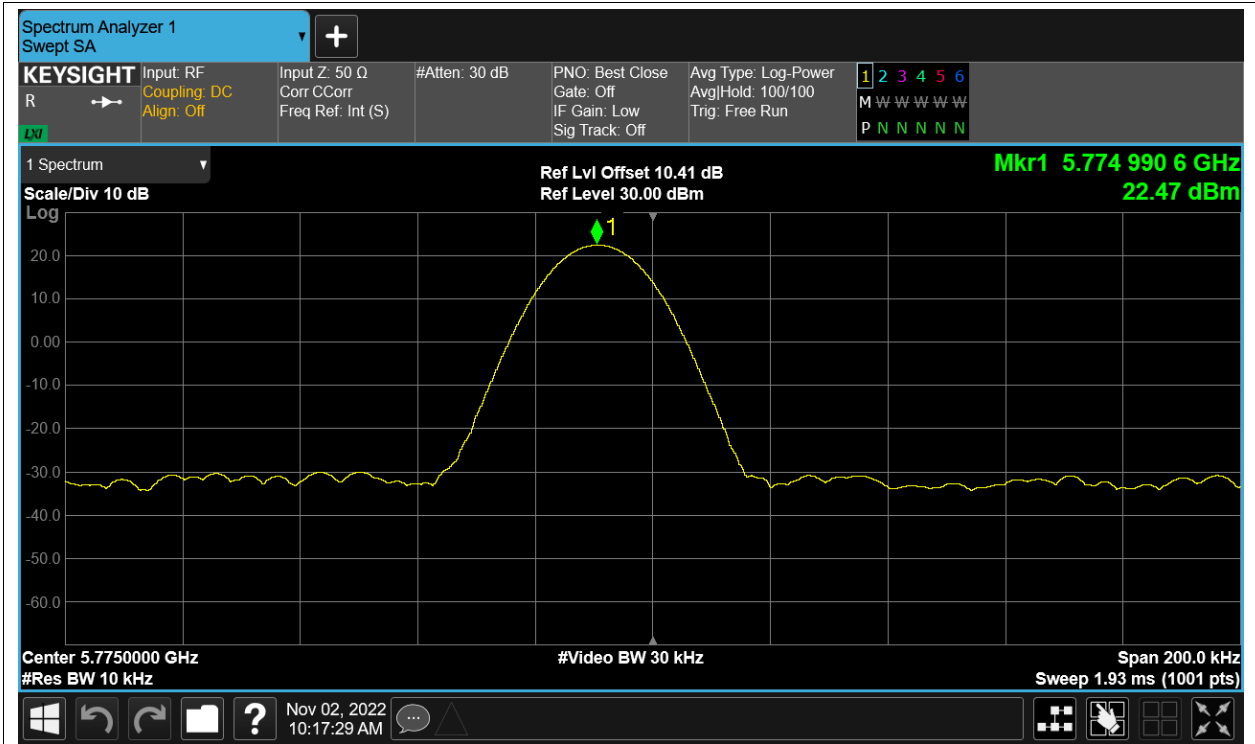
Freq. Stability LVNT ac80 5775MHz Ant2



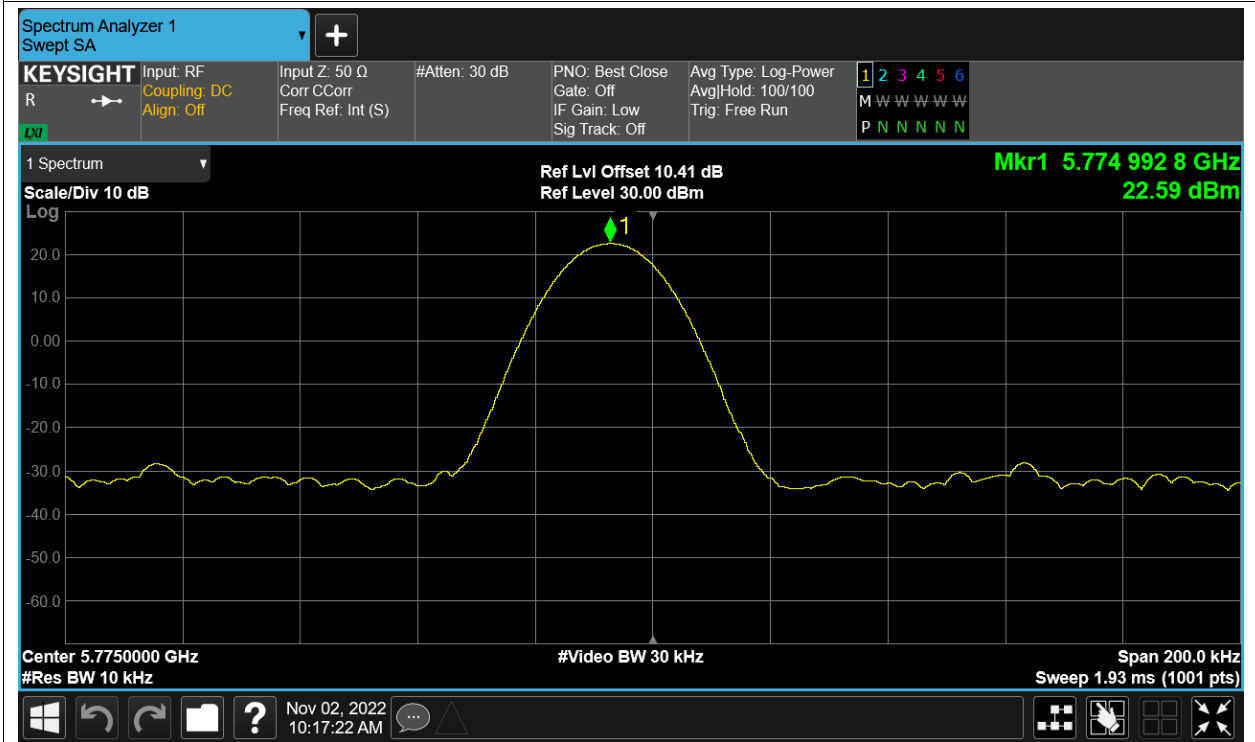
Freq. Stability NVHT ac80 5775MHz Ant2



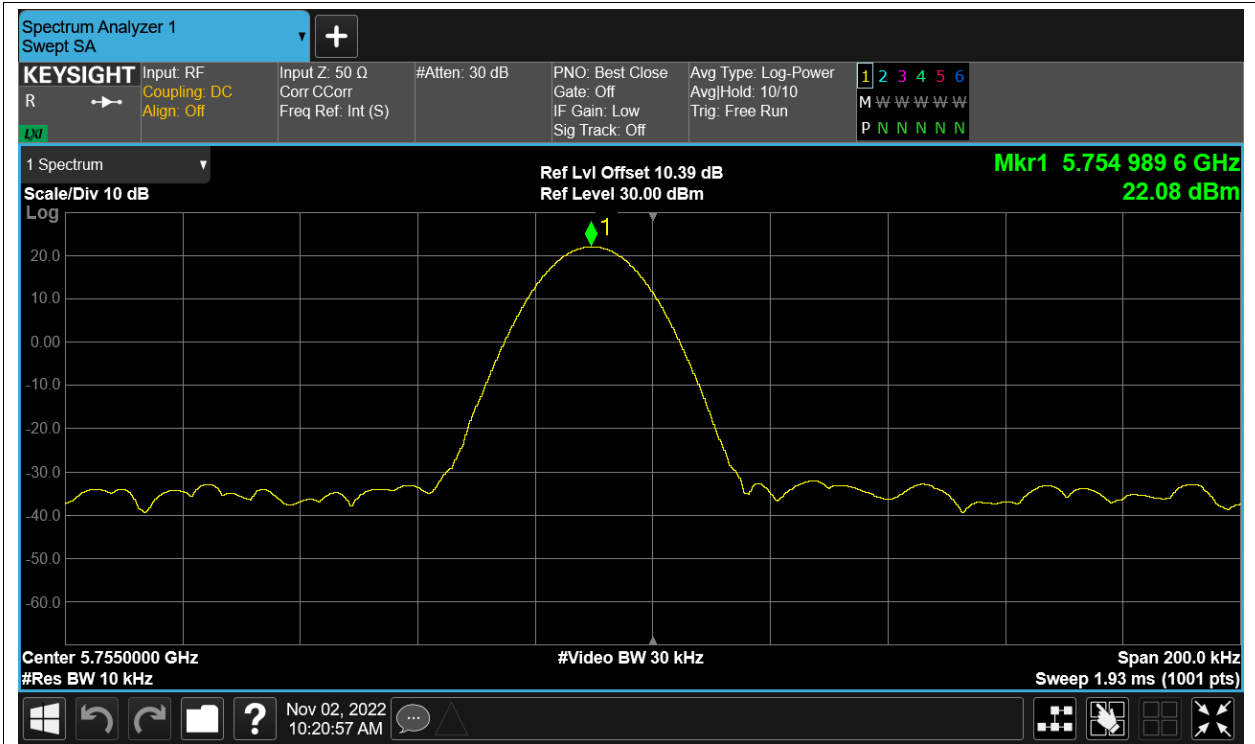
Freq. Stability NVLT ac80 5775MHz Ant2



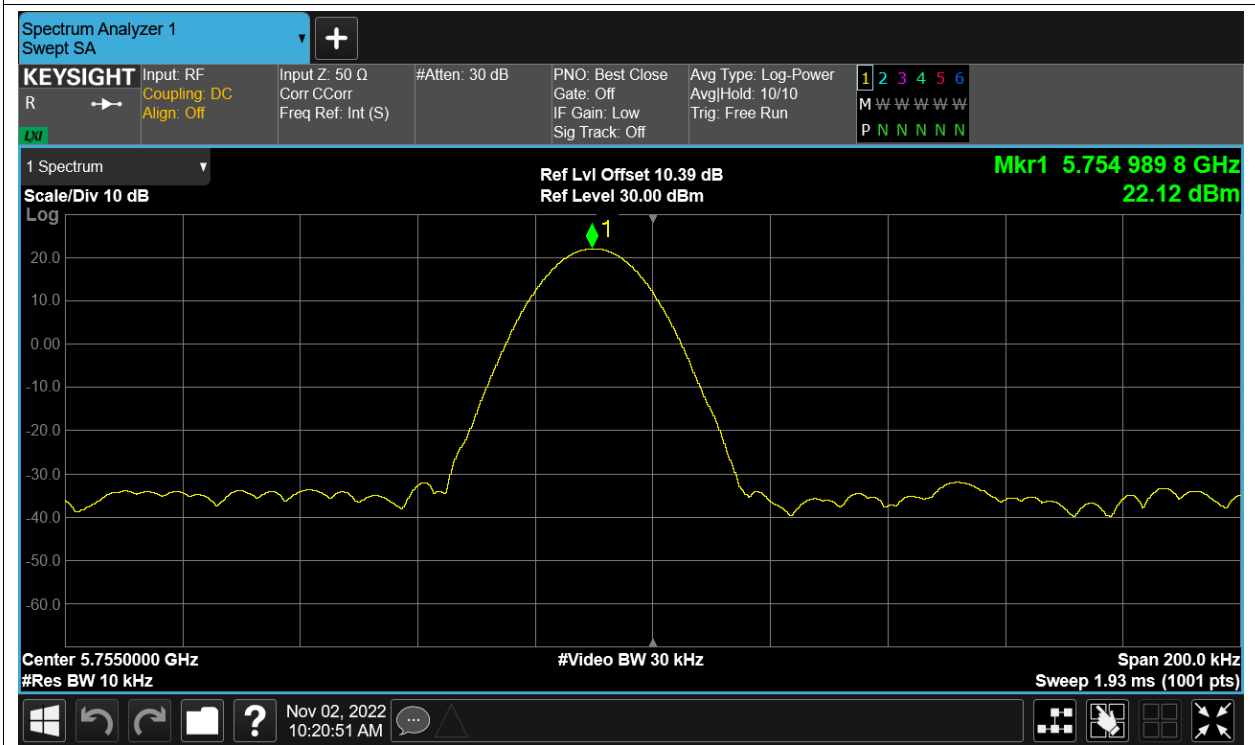
Freq. Stability NVNT ac80 5775MHz Ant2



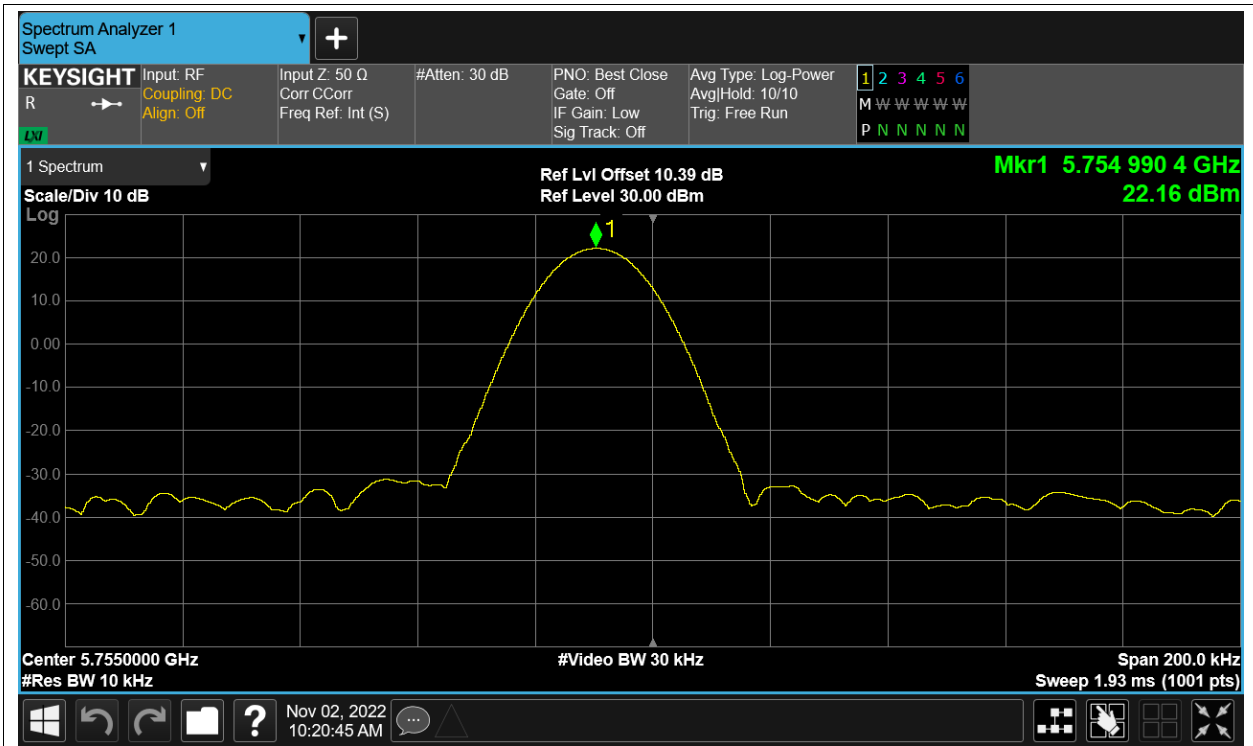
Freq. Stability HVNT n40 5755MHz Ant2



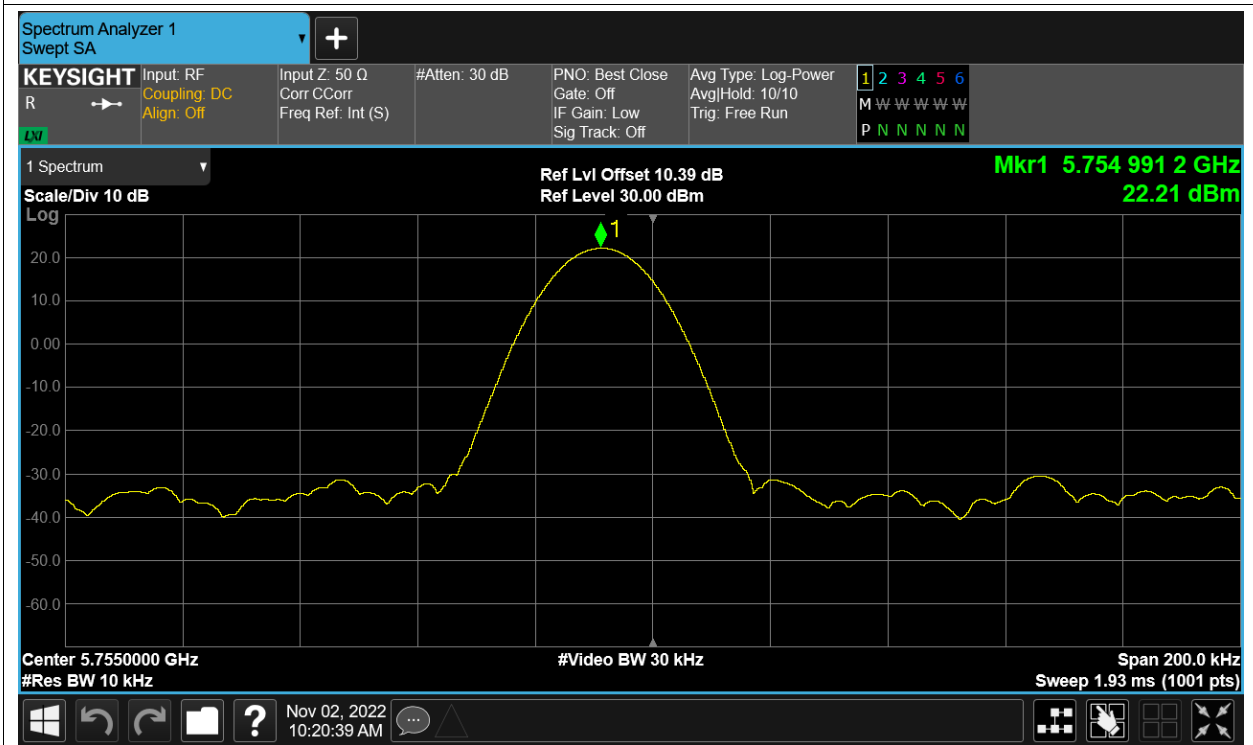
Freq. Stability LVNT n40 5755MHz Ant2



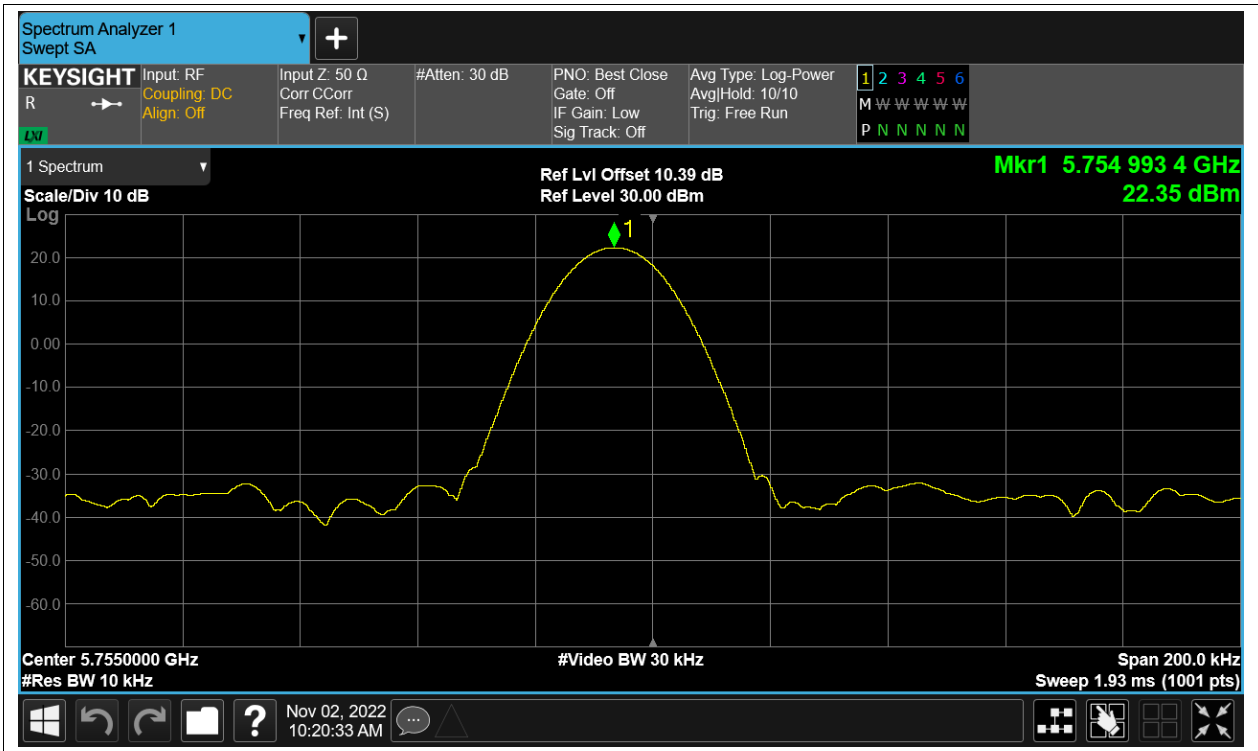
Freq. Stability NVHT n40 5755MHz Ant2



Freq. Stability NVLT n40 5755MHz Ant2



Freq. Stability NVNT n40 5755MHz Ant2

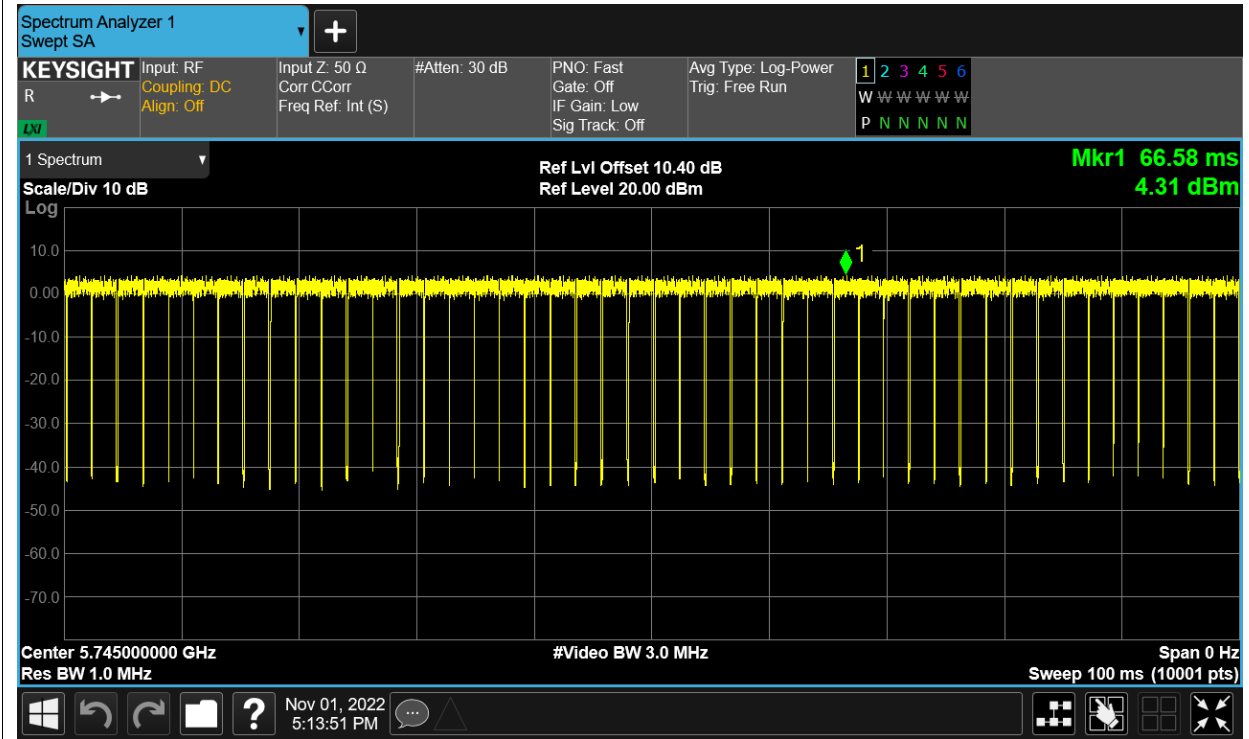


Duty Cycle

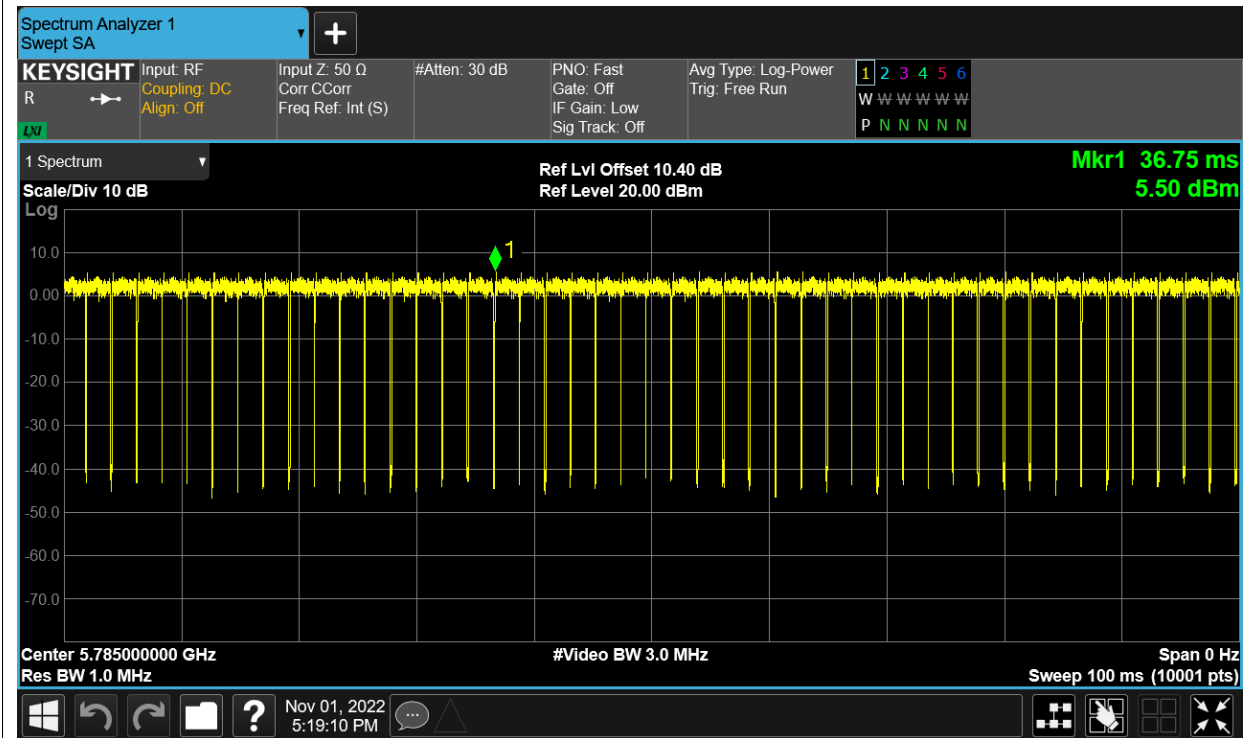
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant2	96.01	0.18
NVNT	a	5785	Ant2	95.85	0.18
NVNT	a	5825	Ant2	95.52	0.2
NVNT	ac20	5745	Ant2	95.55	0.2
NVNT	ac20	5785	Ant2	95.01	0.22
NVNT	ac20	5825	Ant2	95.76	0.19
NVNT	ac40	5755	Ant2	91.57	0.38
NVNT	ac40	5795	Ant2	91.7	0.38
NVNT	ac80	5775	Ant2	85.12	0.7
NVNT	n20	5745	Ant2	95.83	0.18
NVNT	n20	5785	Ant2	95.64	0.19
NVNT	n20	5825	Ant2	95.86	0.18
NVNT	n40	5755	Ant2	97.41	0.11
NVNT	n40	5795	Ant2	92.66	0.33

Test Graphs

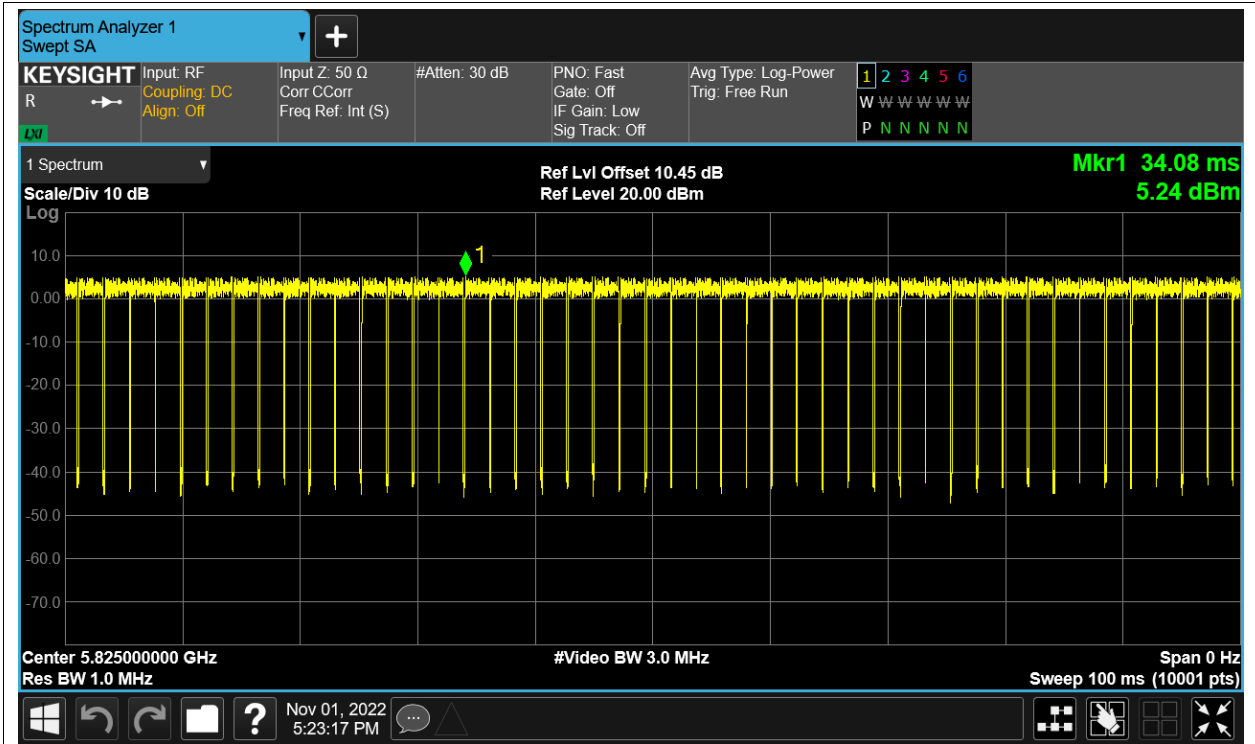
Duty Cycle NVNT a 5745MHz Ant2



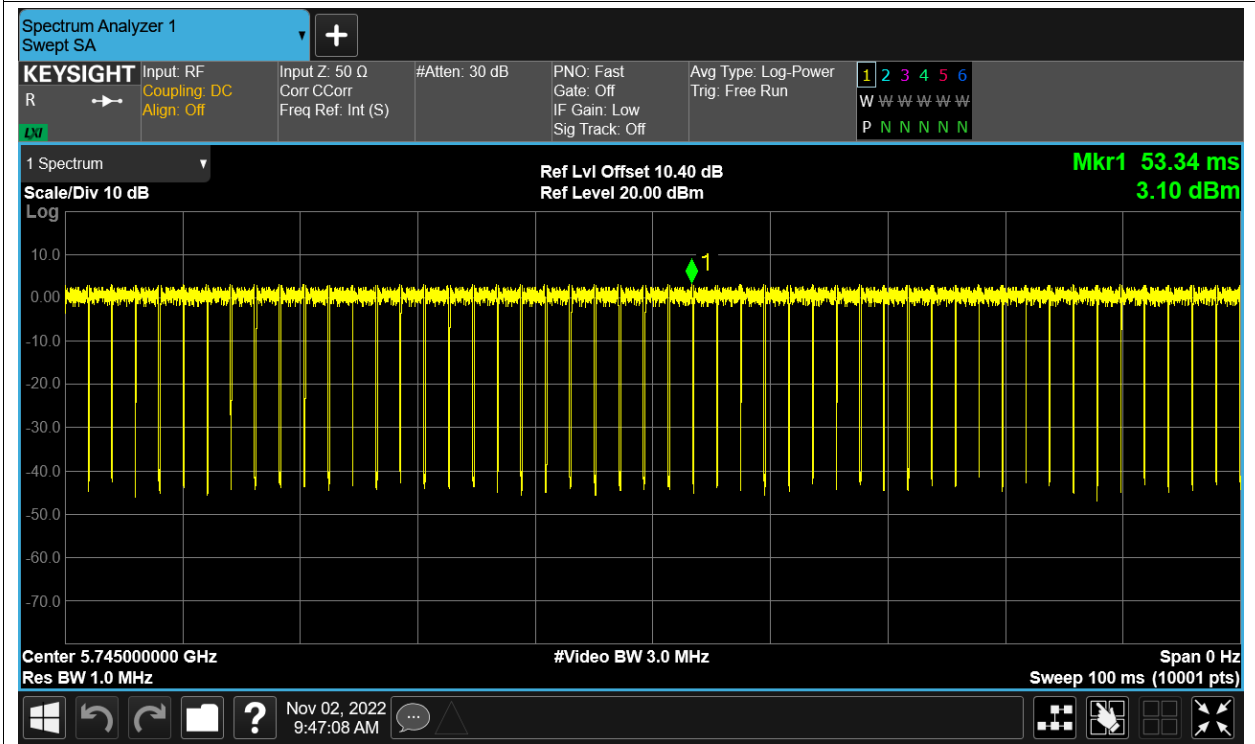
Duty Cycle NVNT a 5785MHz Ant2



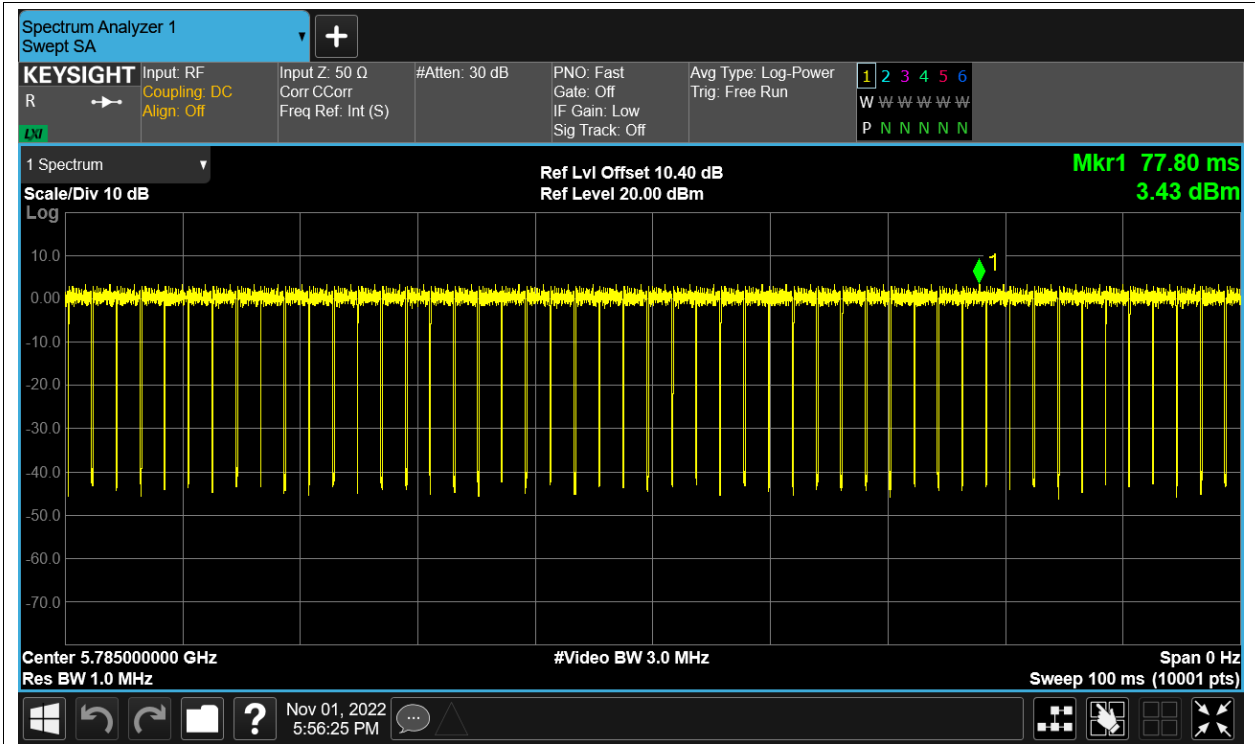
Duty Cycle NVNT a 5825MHz Ant2



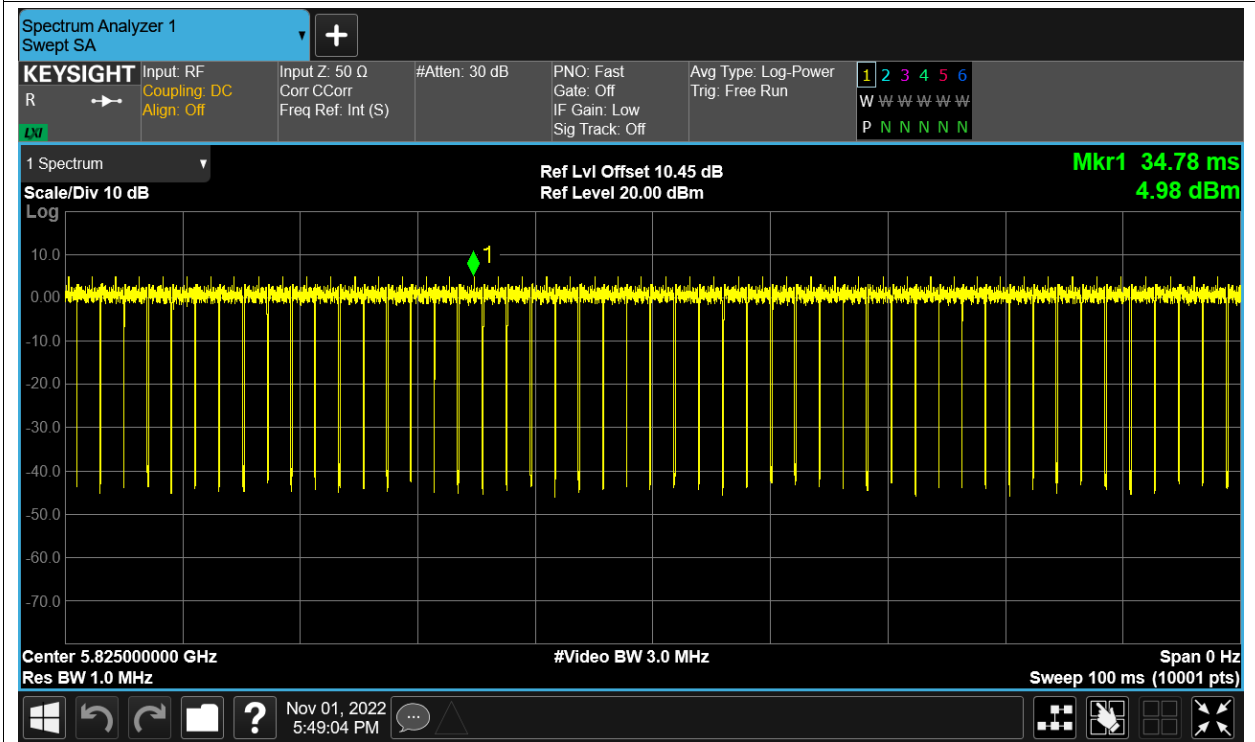
Duty Cycle NVNT ac20 5745MHz Ant2



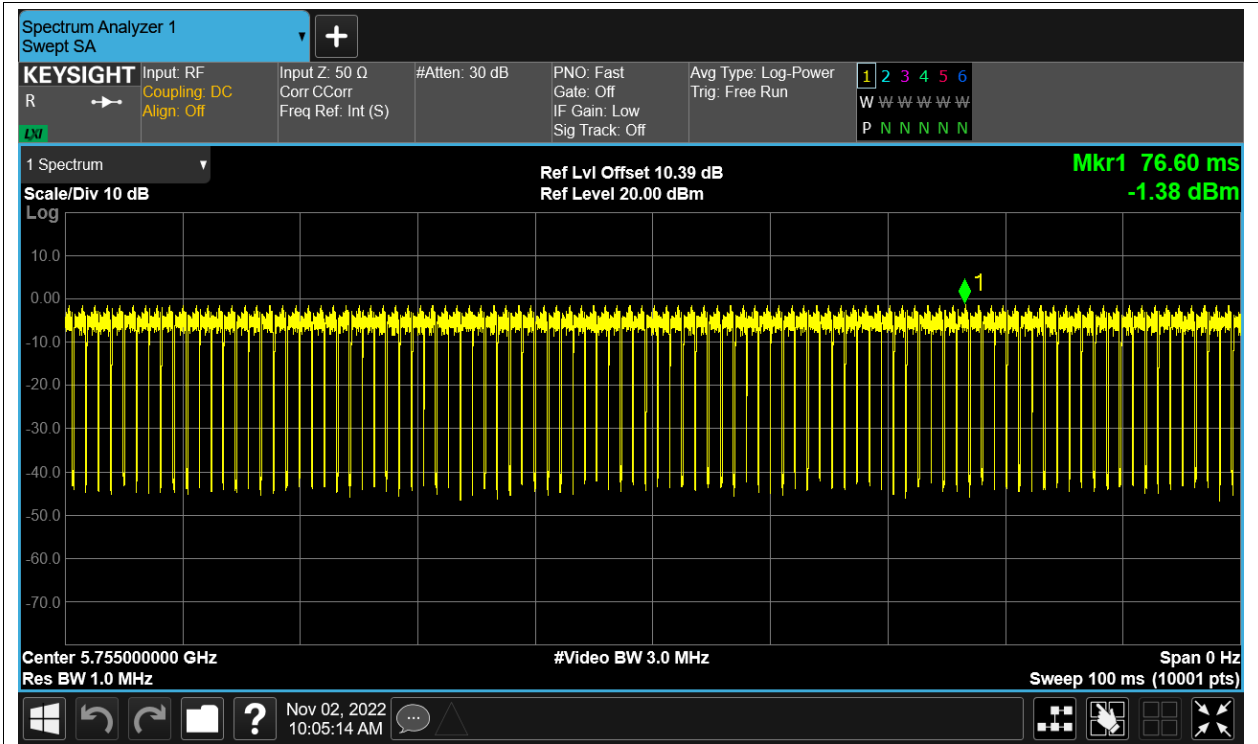
Duty Cycle NVNT ac20 5785MHz Ant2



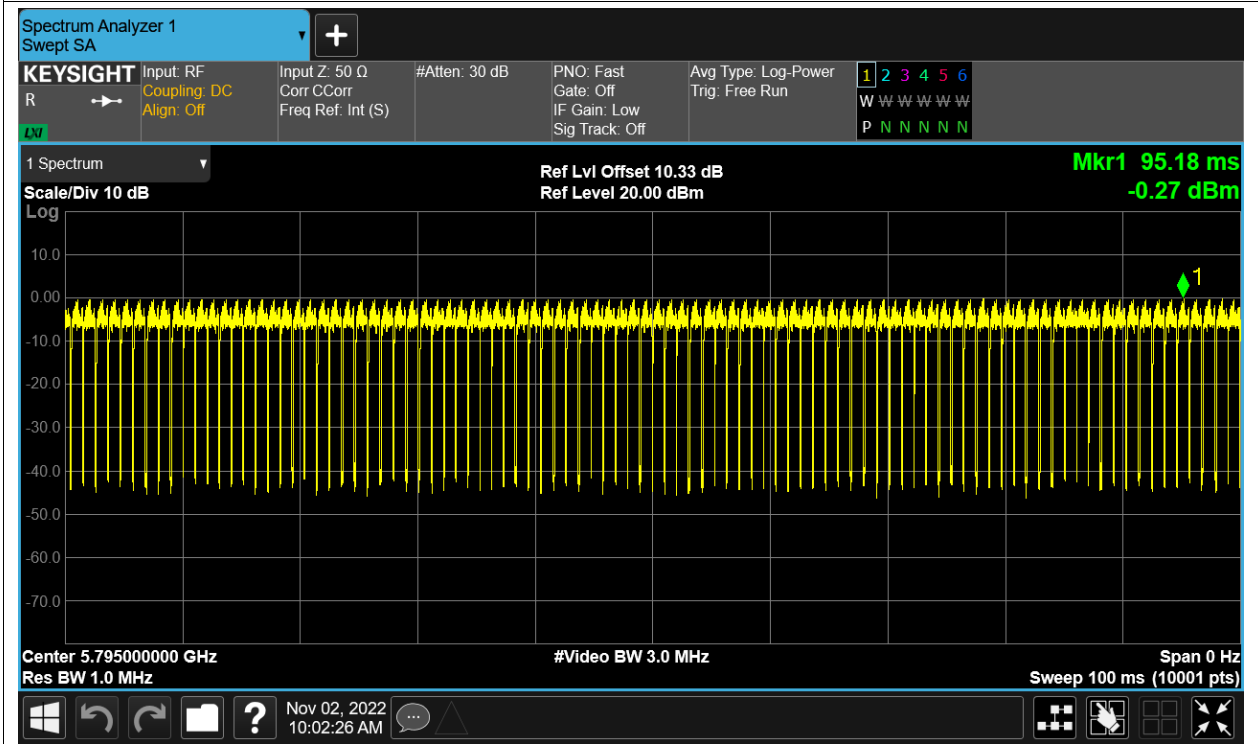
Duty Cycle NVNT ac20 5825MHz Ant2



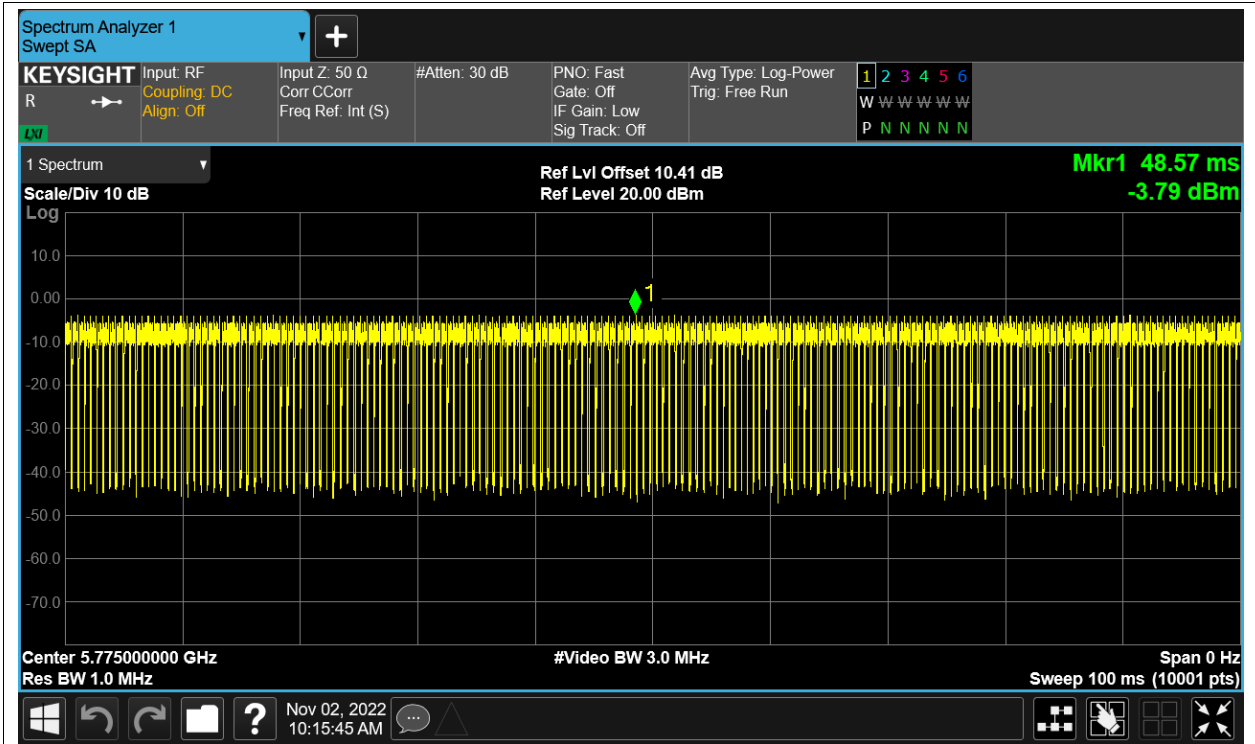
Duty Cycle NVNT ac40 5755MHz Ant2



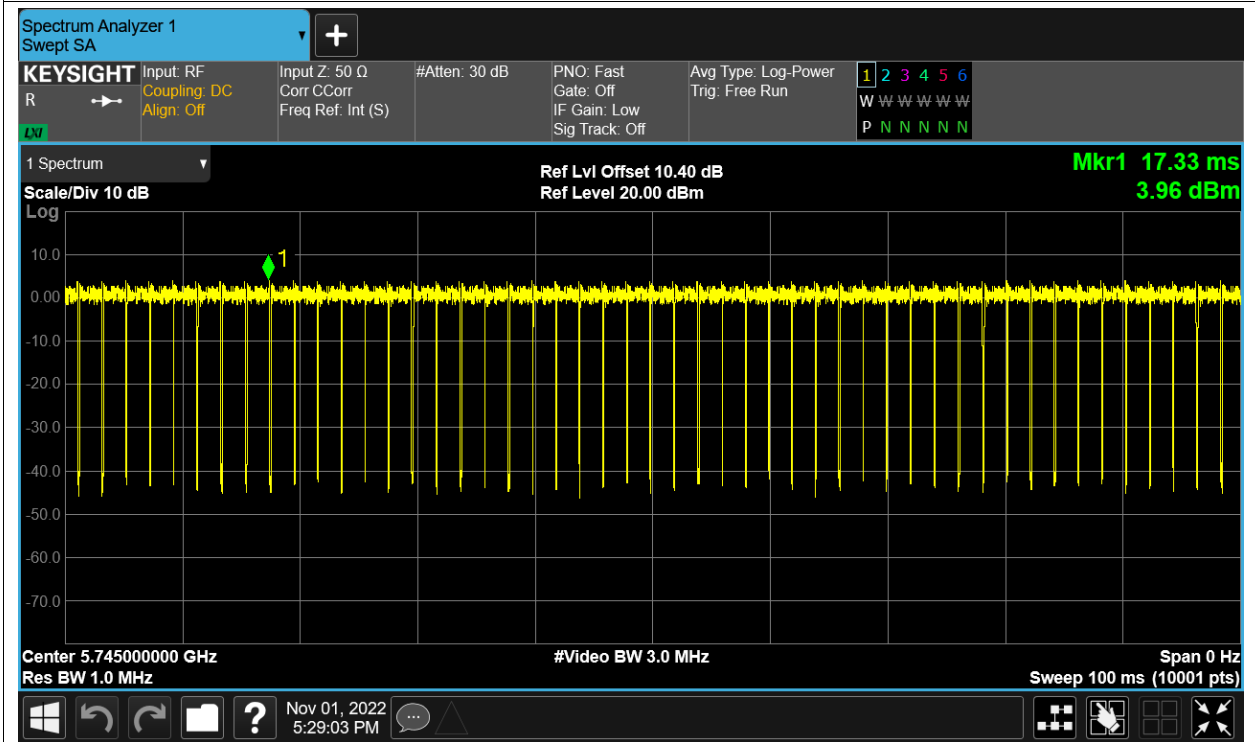
Duty Cycle NVNT ac40 5795MHz Ant2



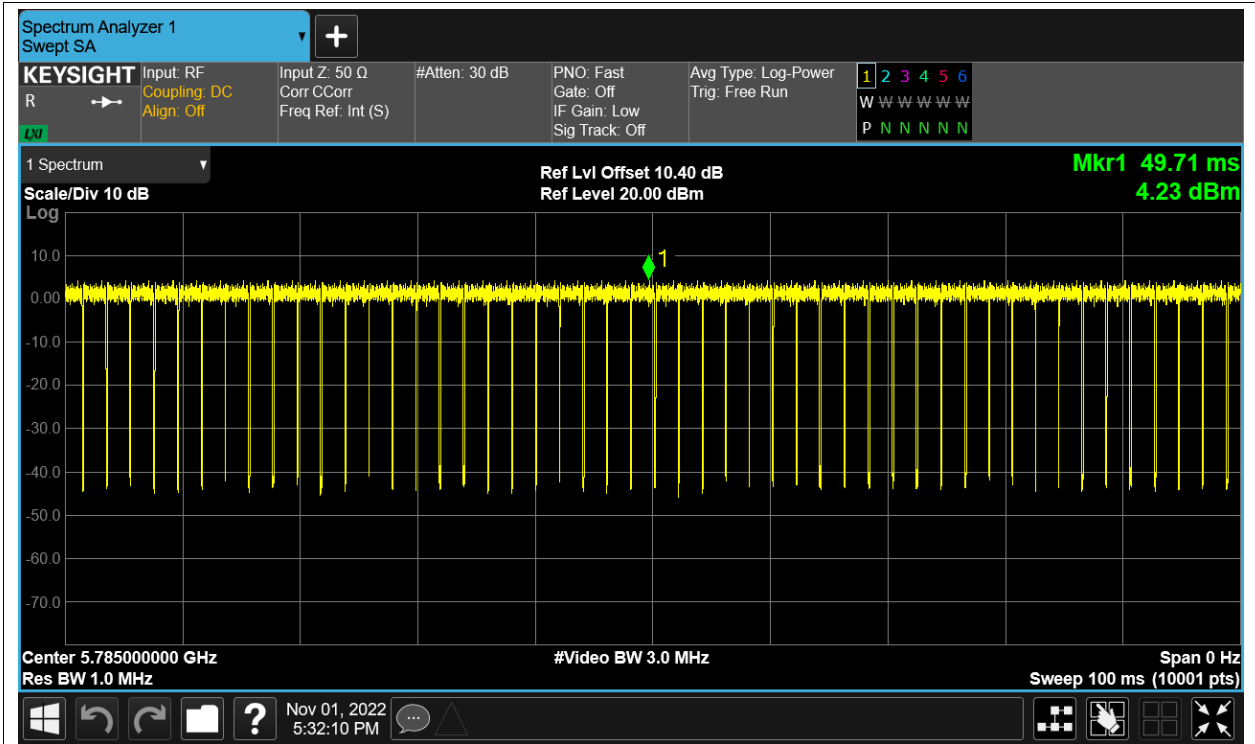
Duty Cycle NVNT ac80 5775MHz Ant2



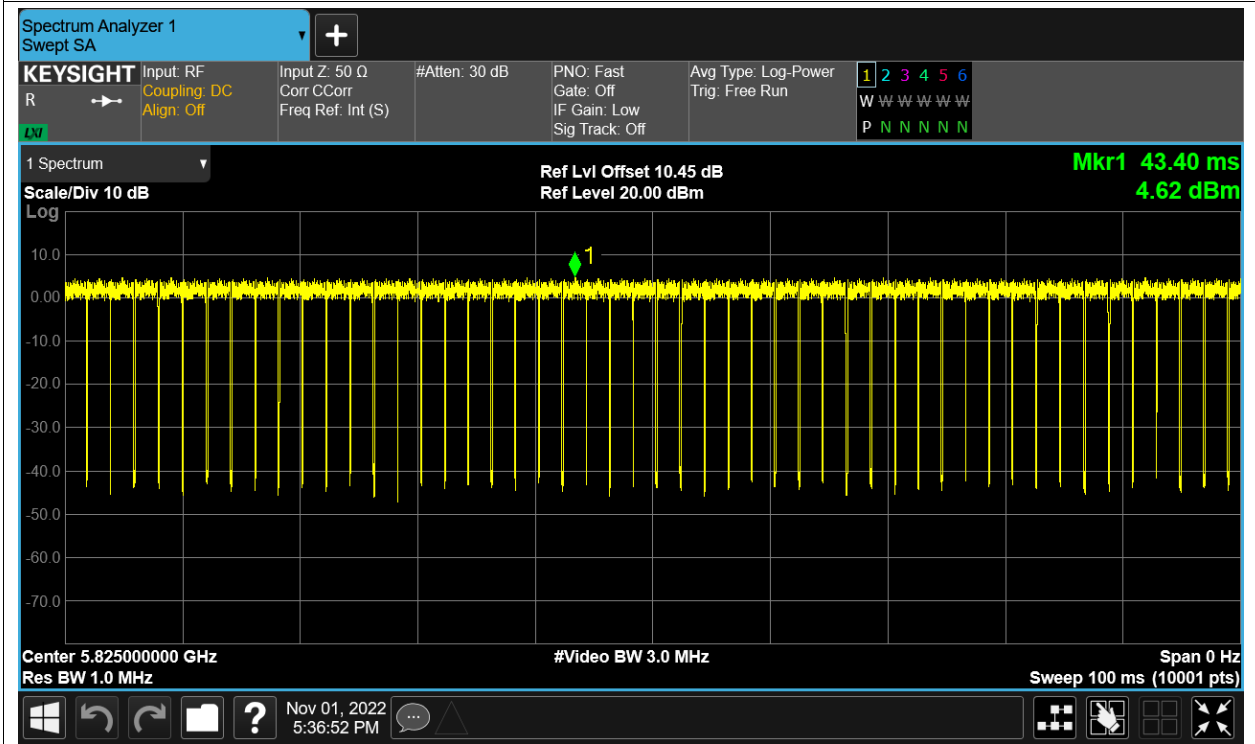
Duty Cycle NVNT n20 5745MHz Ant2



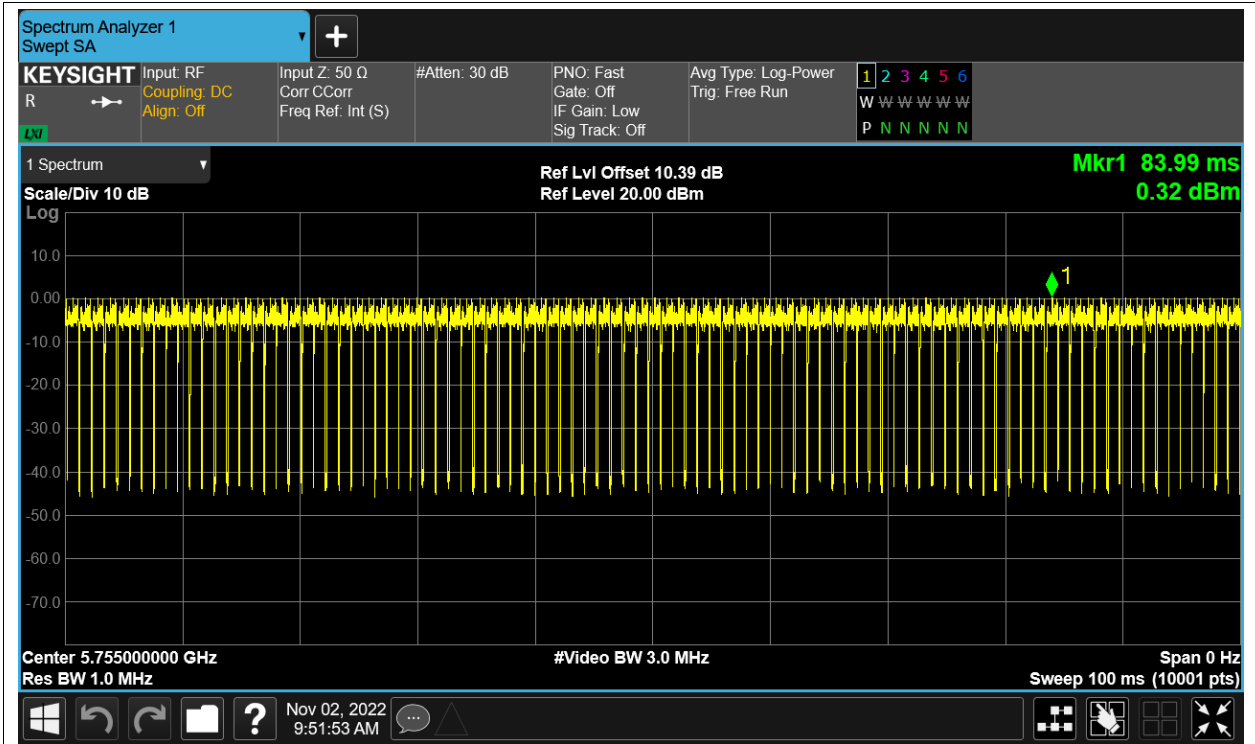
Duty Cycle NVNT n20 5785MHz Ant2



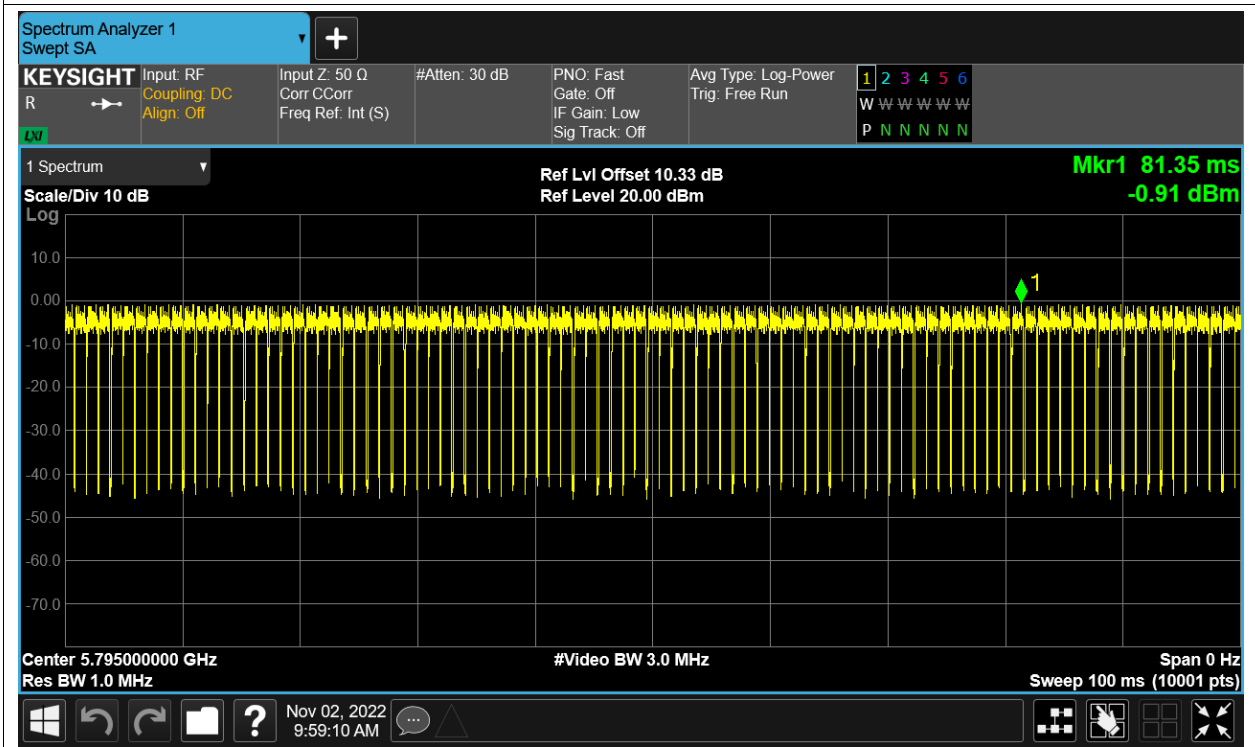
Duty Cycle NVNT n20 5825MHz Ant2



Duty Cycle NVNT n40 5755MHz Ant2



Duty Cycle NVNT n40 5795MHz Ant2

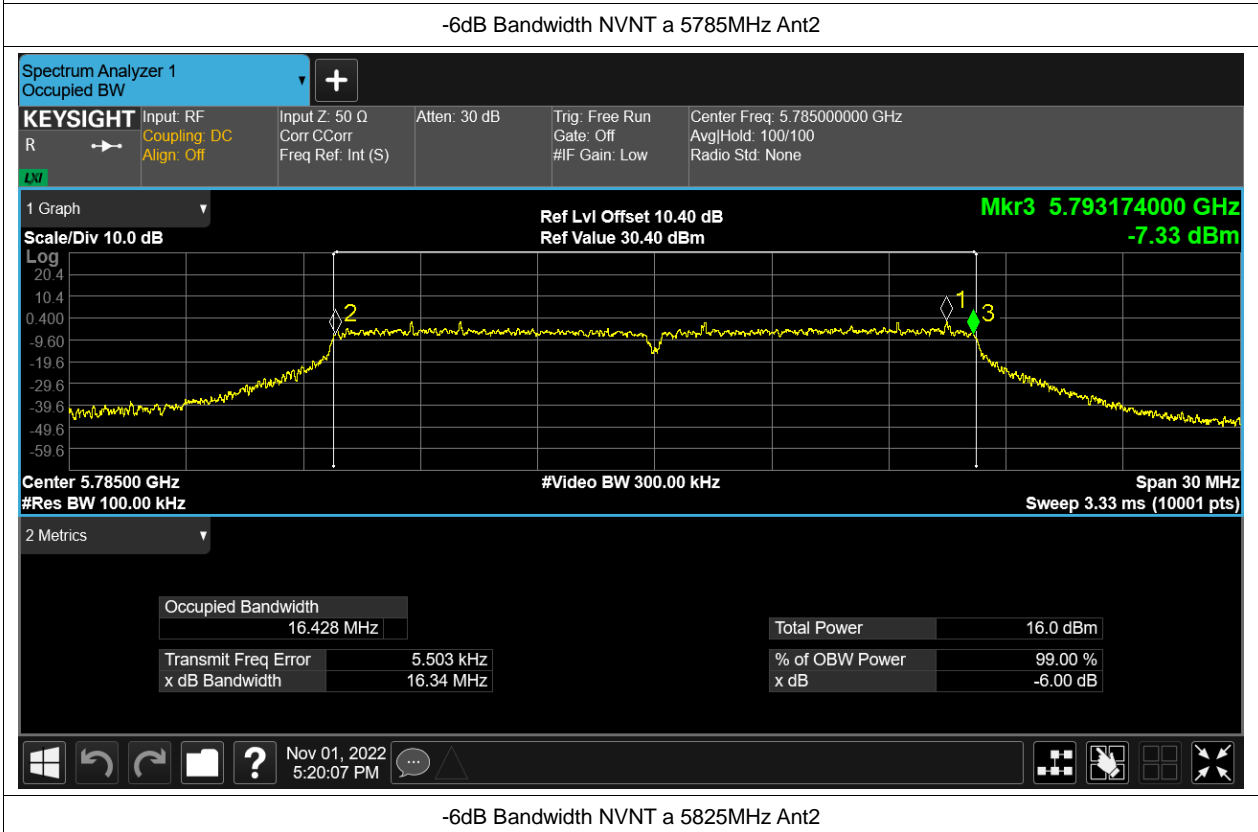
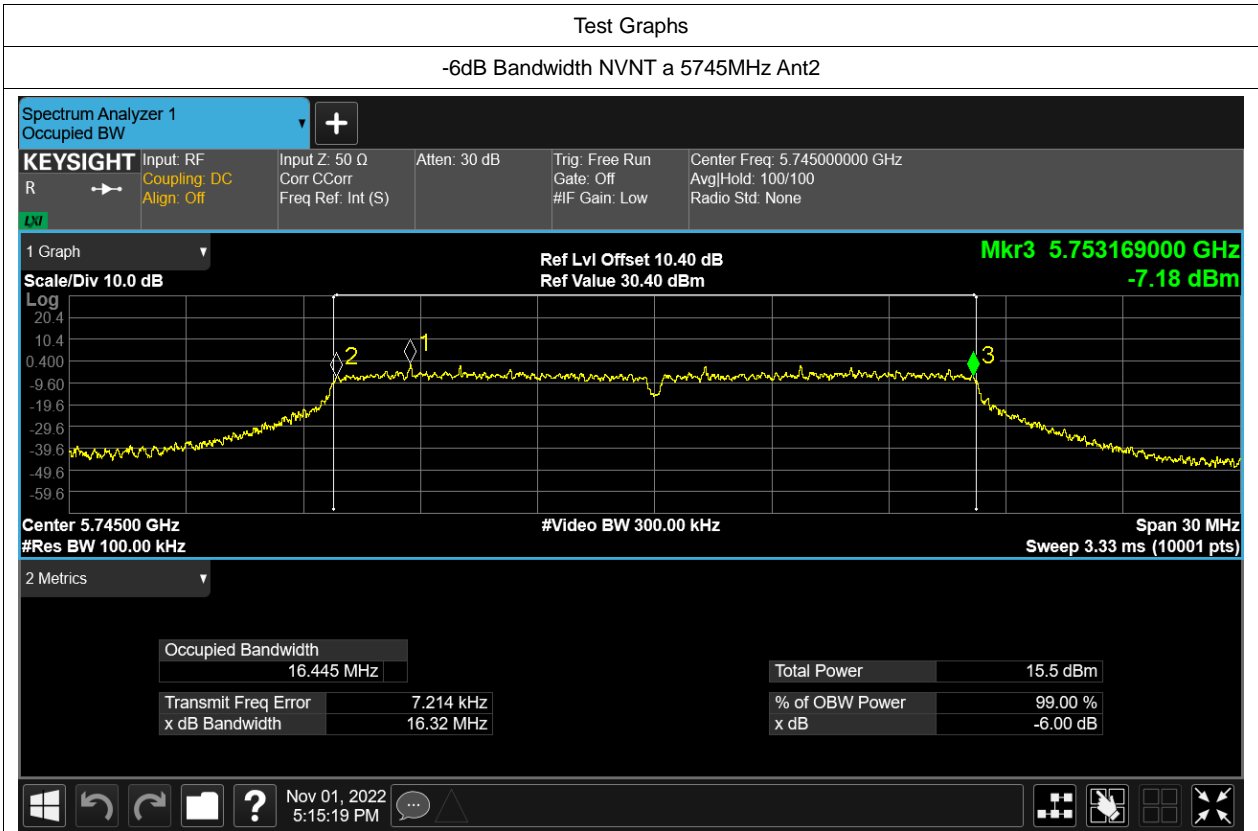


Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	10.64	0.18	10.82	30	Pass
NVNT	a	5785	Ant2	11.1	0.18	11.28	30	Pass
NVNT	a	5825	Ant2	11.7	0.2	11.9	30	Pass
NVNT	ac20	5745	Ant2	10	0.2	10.2	30	Pass
NVNT	ac20	5785	Ant2	10.2	0.22	10.42	30	Pass
NVNT	ac20	5825	Ant2	10.53	0.18	10.71	30	Pass
NVNT	ac40	5755	Ant2	9.7	0.38	10.08	30	Pass
NVNT	ac40	5795	Ant2	10.37	0.38	10.75	30	Pass
NVNT	ac80	5775	Ant2	9.96	0.7	10.66	30	Pass
NVNT	n20	5745	Ant2	10.07	0.18	10.25	30	Pass
NVNT	n20	5785	Ant2	10.67	0.19	10.86	30	Pass
NVNT	n20	5825	Ant2	11.18	0.18	11.36	30	Pass
NVNT	n40	5755	Ant2	10.46	0.11	10.57	30	Pass
NVNT	n40	5795	Ant2	10.67	0.33	11	30	Pass

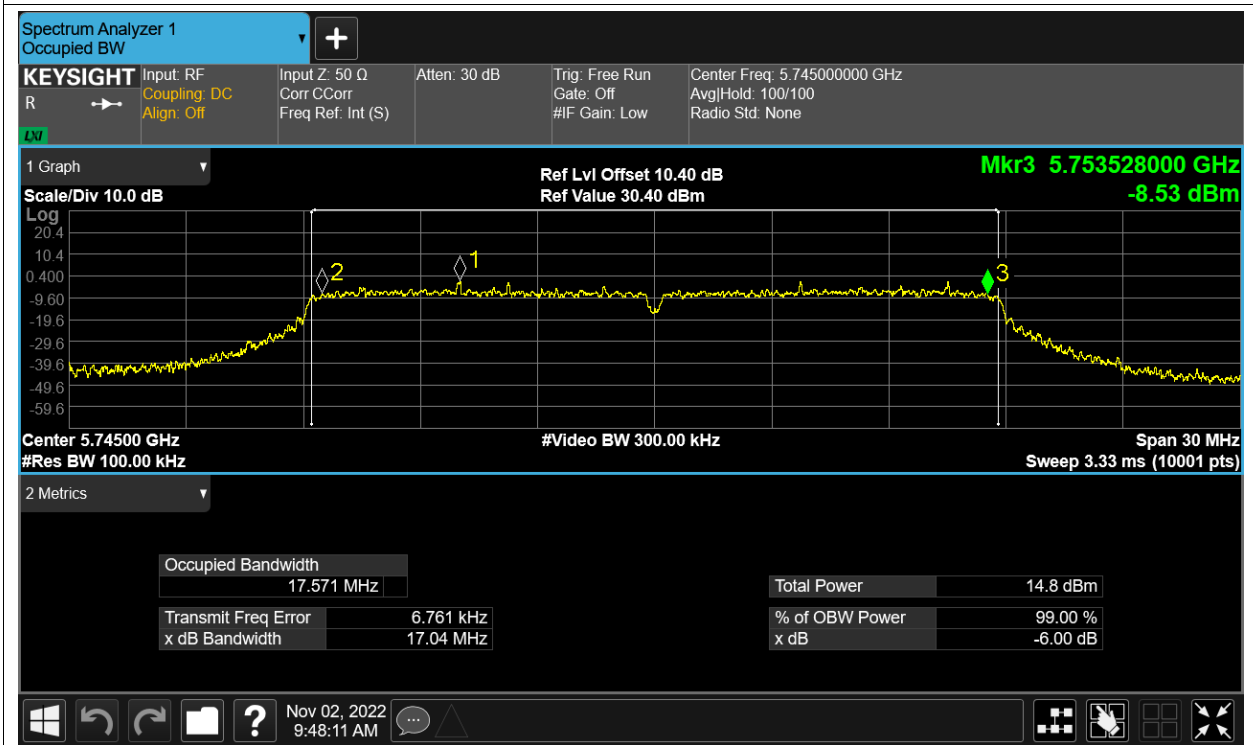
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant2	16.324	0.5	Pass
NVNT	a	5785	Ant2	16.337	0.5	Pass
NVNT	a	5825	Ant2	16.325	0.5	Pass
NVNT	ac20	5745	Ant2	17.043	0.5	Pass
NVNT	ac20	5785	Ant2	17.052	0.5	Pass
NVNT	ac20	5825	Ant2	17.134	0.5	Pass
NVNT	ac40	5755	Ant2	35.312	0.5	Pass
NVNT	ac40	5795	Ant2	35.185	0.5	Pass
NVNT	ac80	5775	Ant2	73.877	0.5	Pass
NVNT	n20	5745	Ant2	17.31	0.5	Pass
NVNT	n20	5785	Ant2	17.571	0.5	Pass
NVNT	n20	5825	Ant2	17.037	0.5	Pass
NVNT	n40	5755	Ant2	35.425	0.5	Pass
NVNT	n40	5795	Ant2	35.554	0.5	Pass

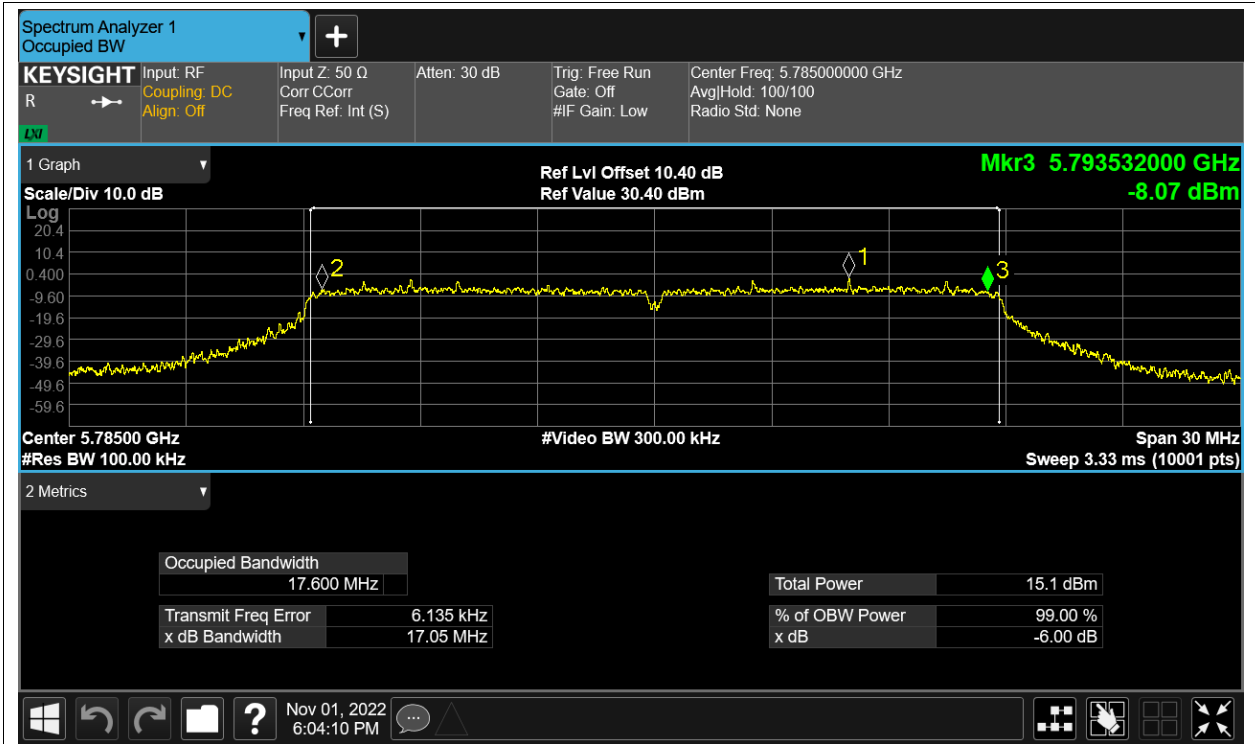




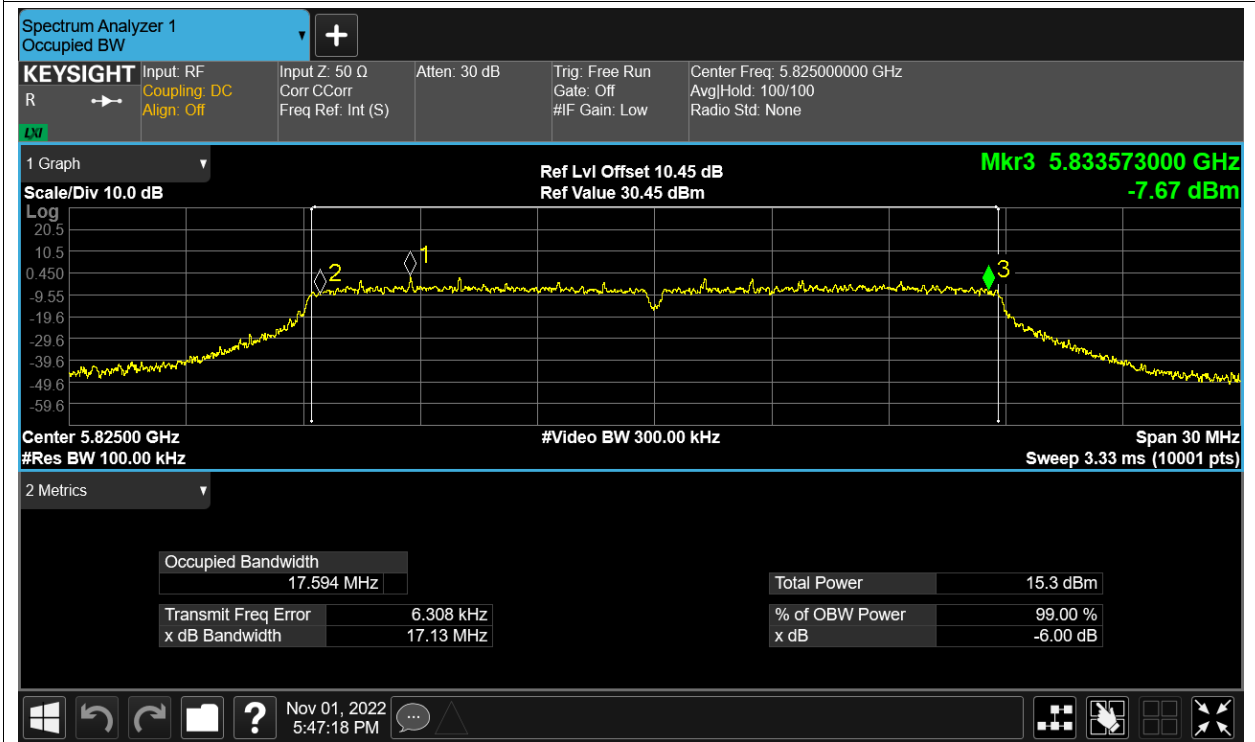
-6dB Bandwidth NVNT ac20 5745MHz Ant2



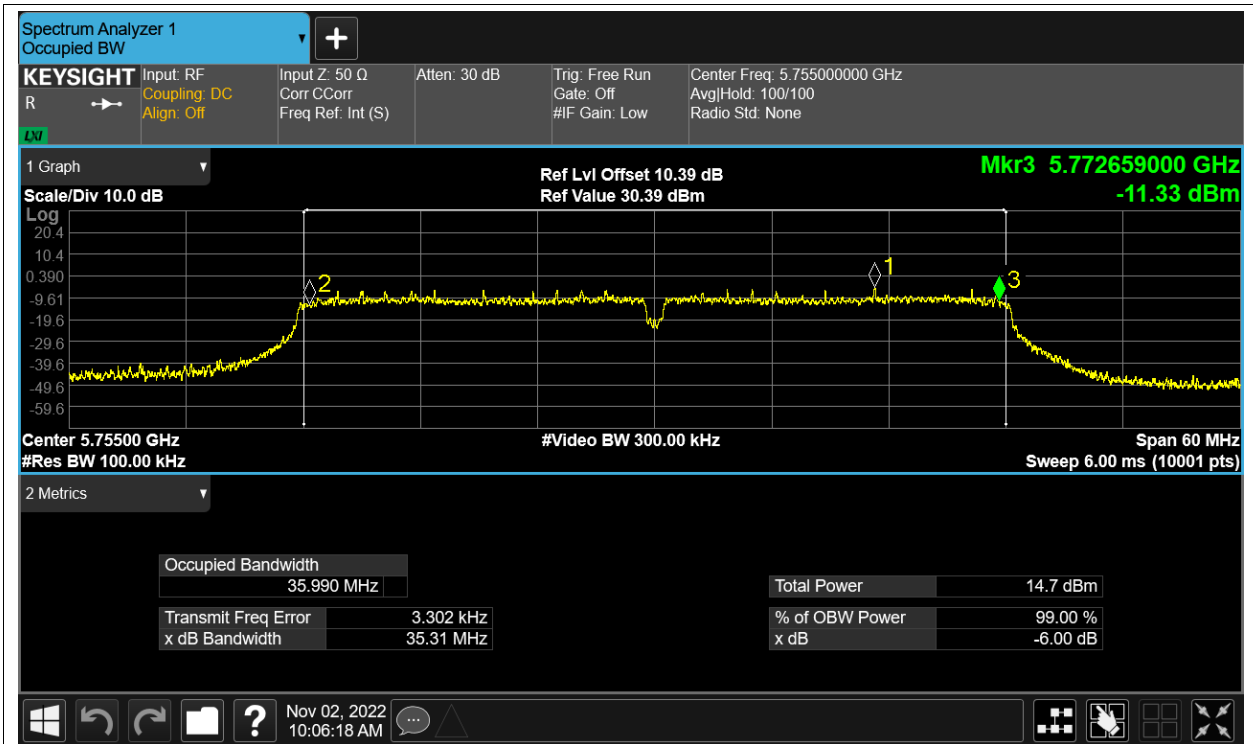
-6dB Bandwidth NVNT ac20 5785MHz Ant2



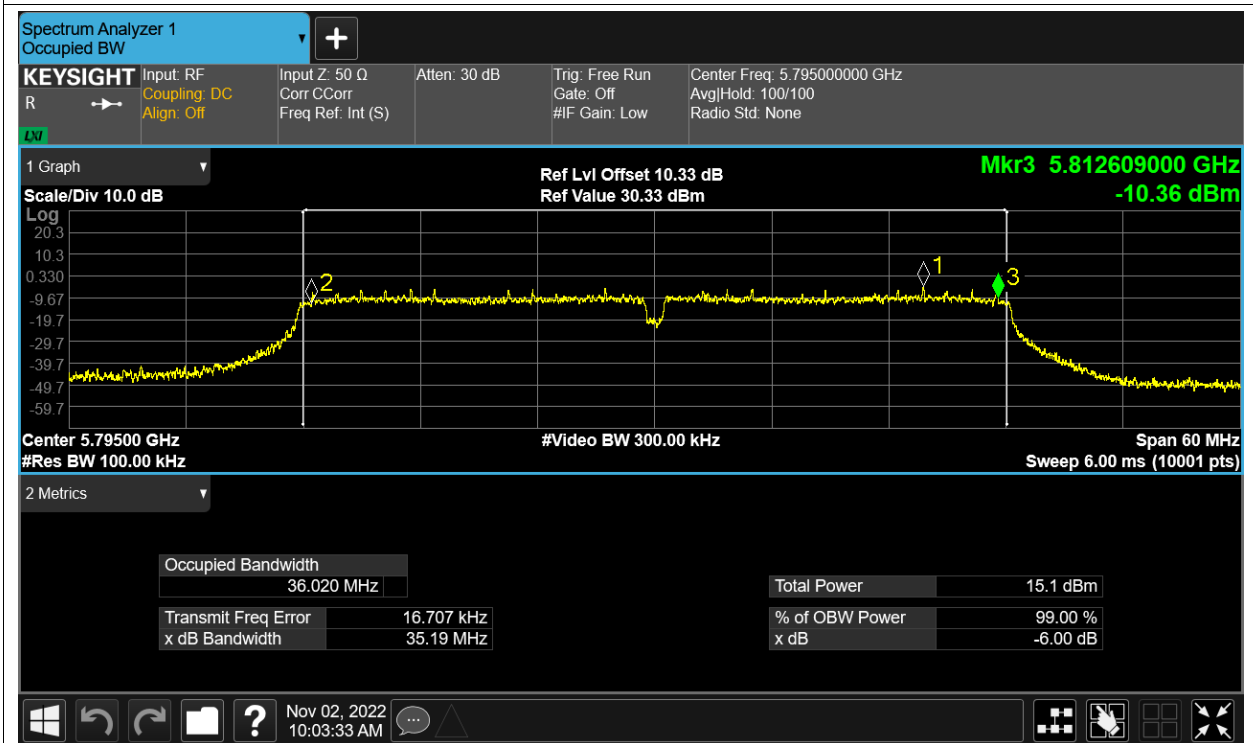
-6dB Bandwidth NVNT ac20 5825MHz Ant2



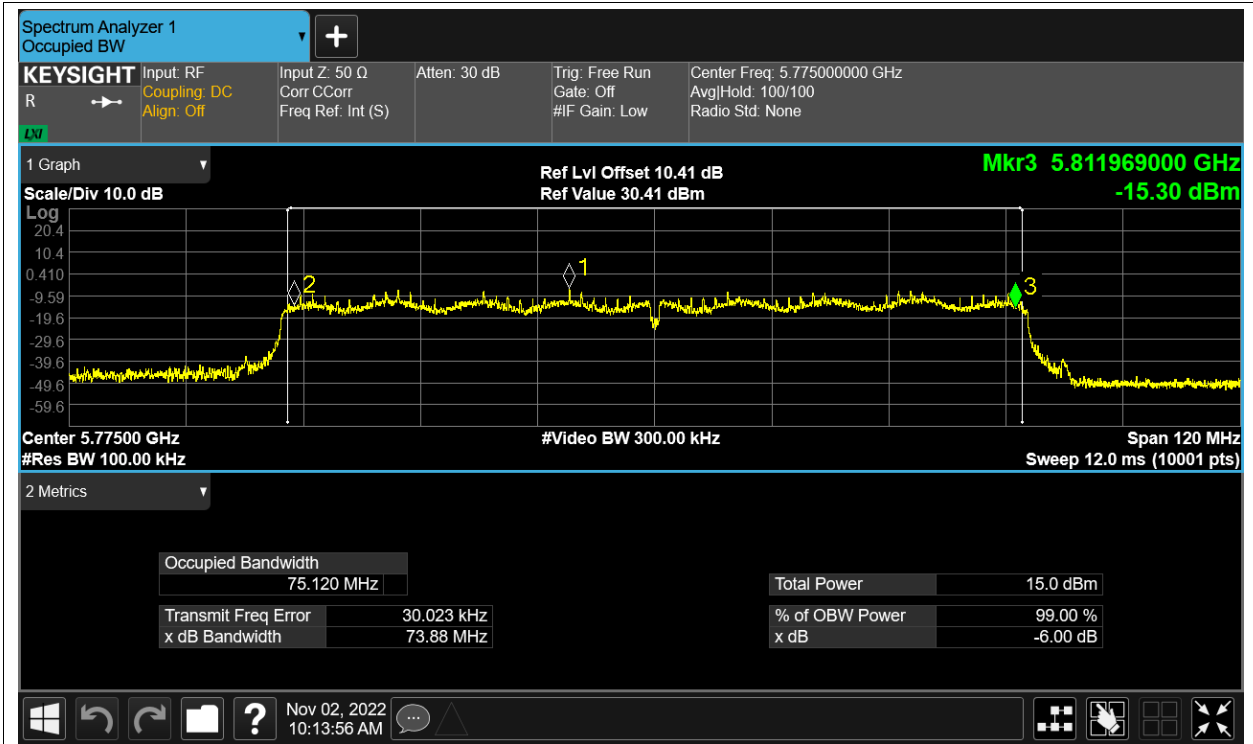
-6dB Bandwidth NVNT ac40 5755MHz Ant2



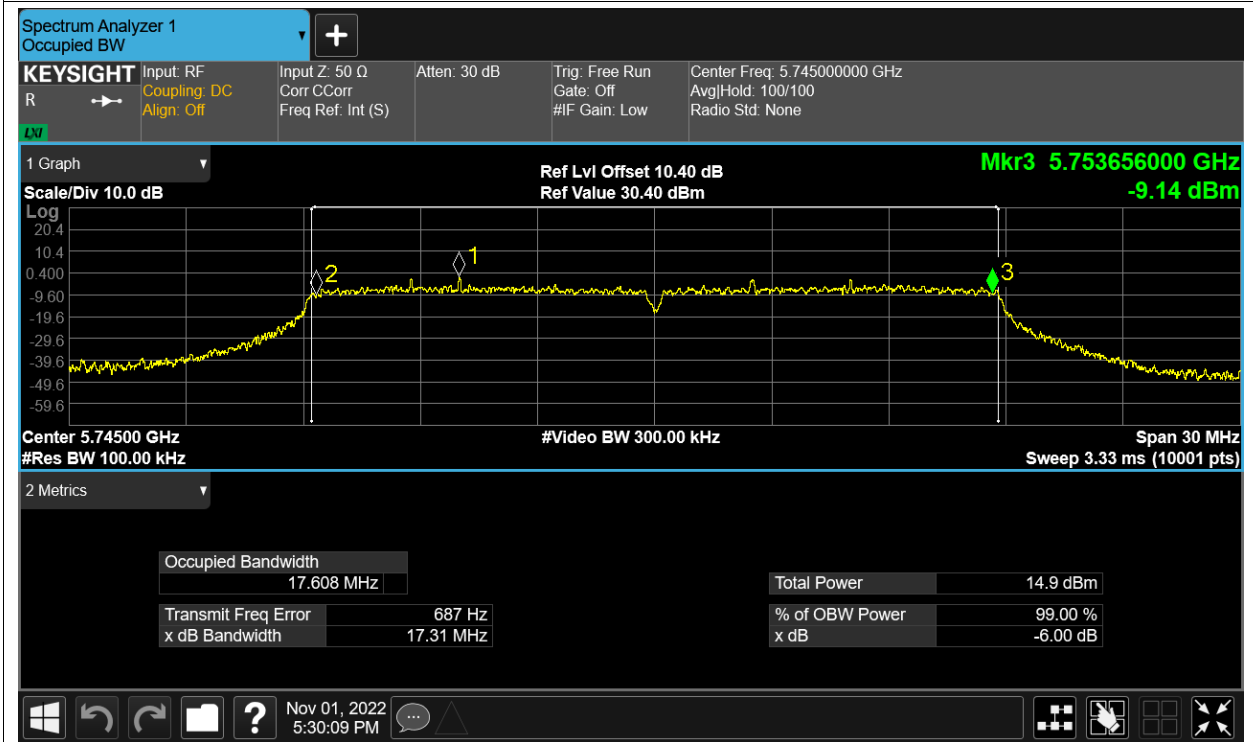
-6dB Bandwidth NVNT ac40 5795MHz Ant2



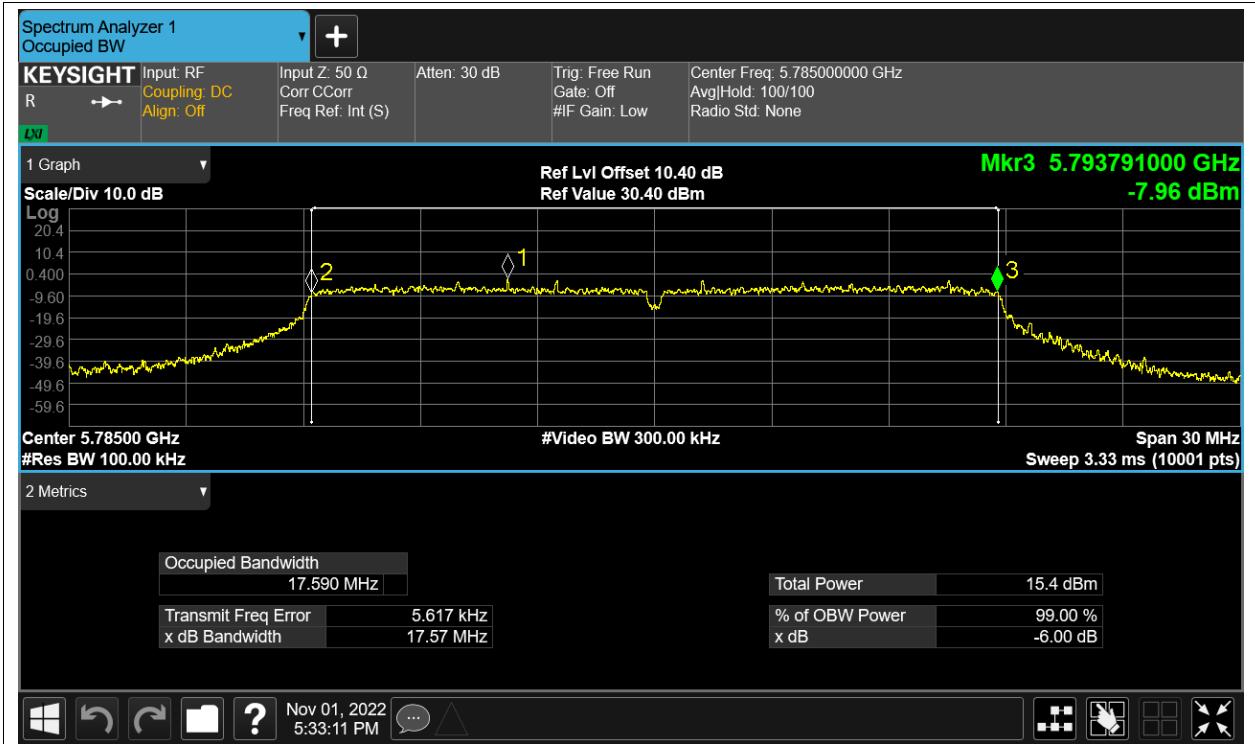
-6dB Bandwidth NVNT ac80 5775MHz Ant2



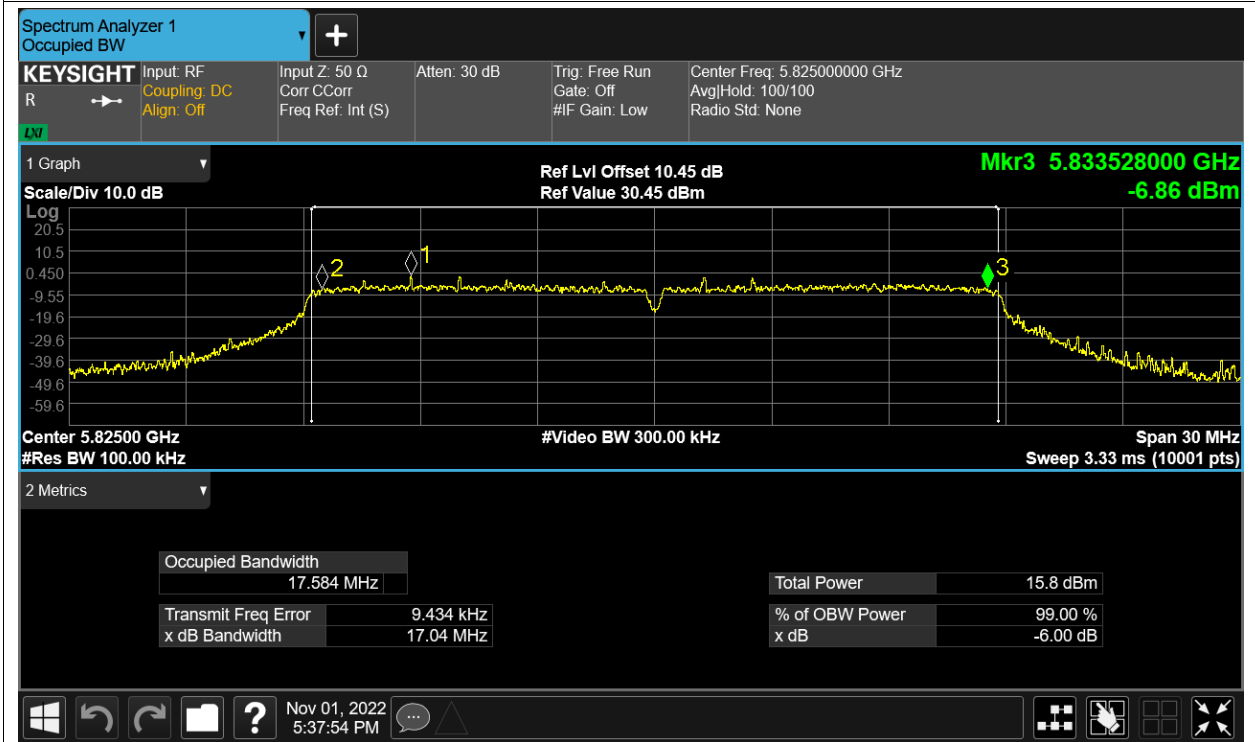
-6dB Bandwidth NVNT n20 5745MHz Ant2



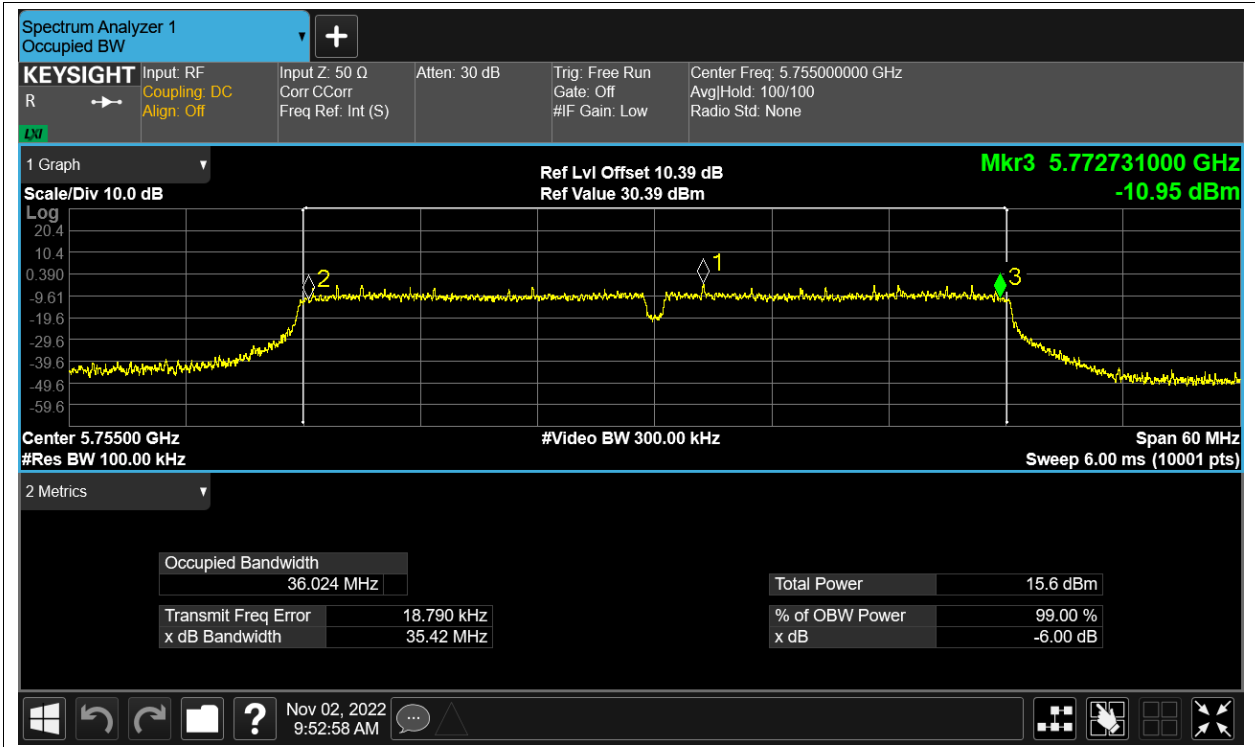
-6dB Bandwidth NVNT n20 5785MHz Ant2



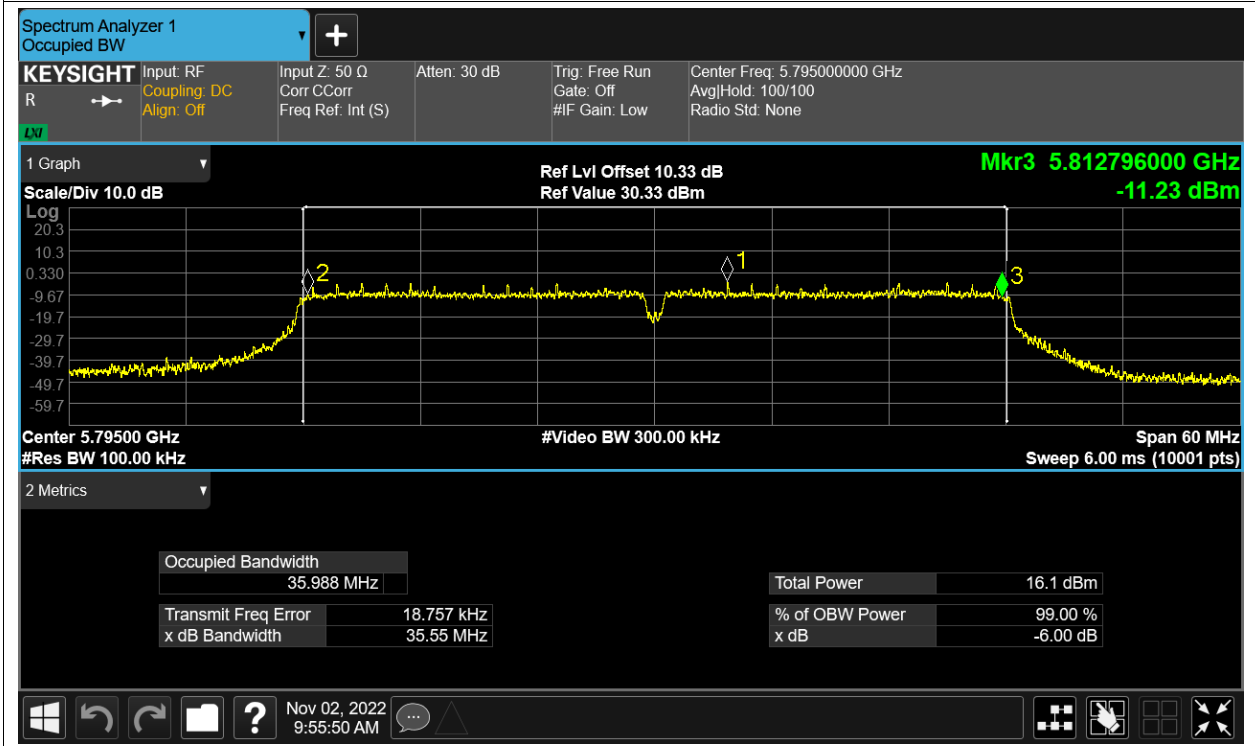
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

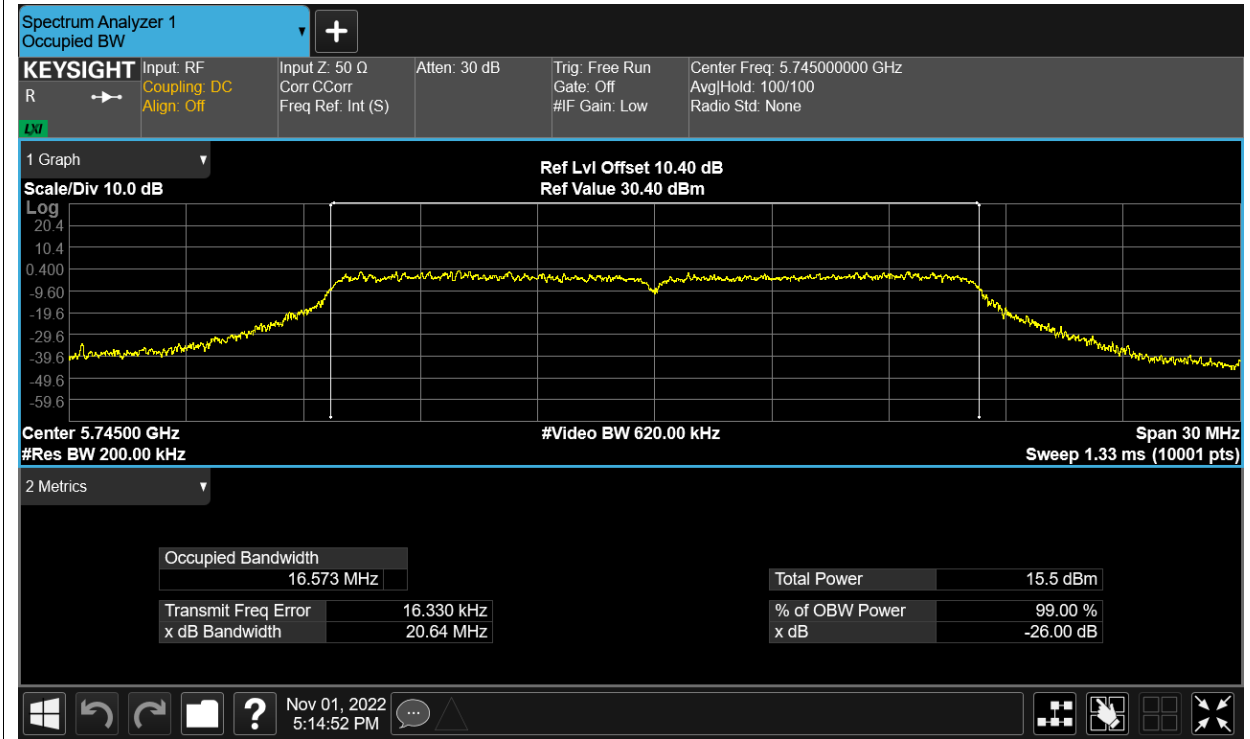


Occupied Channel Bandwidth

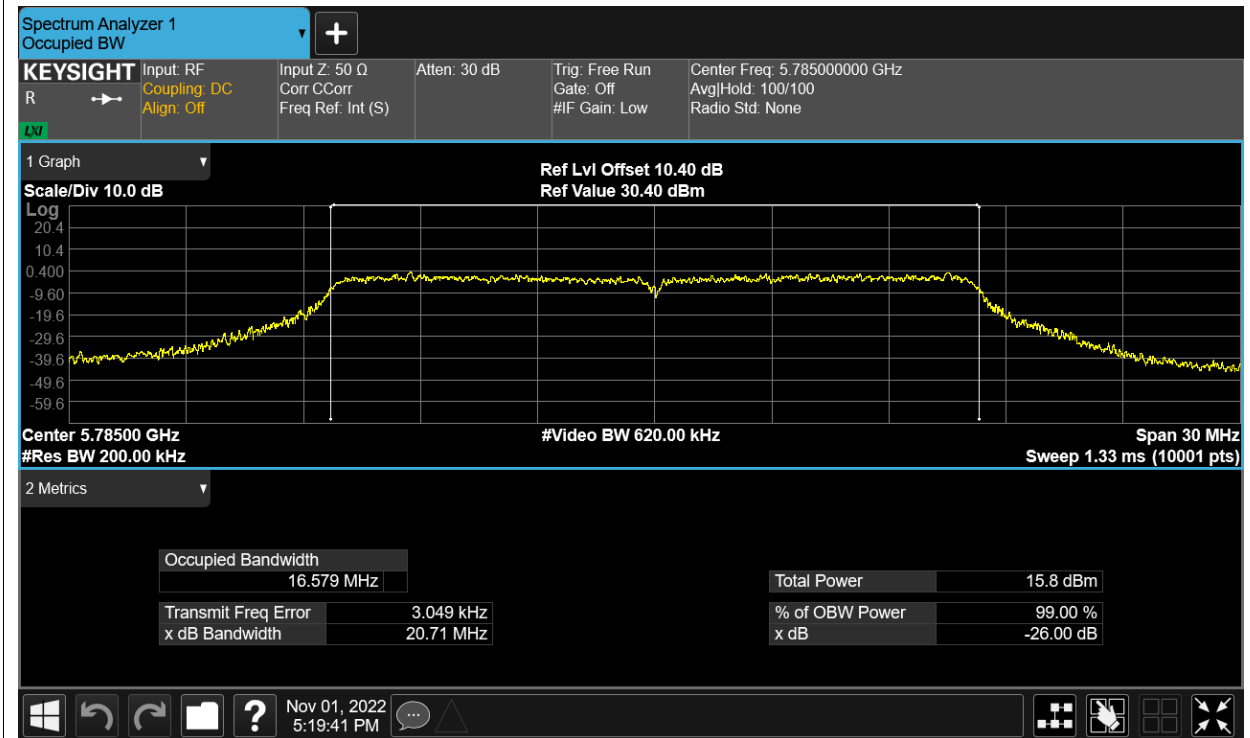
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.573
NVNT	a	5785	Ant2	16.579
NVNT	a	5825	Ant2	16.519
NVNT	ac20	5745	Ant2	17.592
NVNT	ac20	5785	Ant2	17.636
NVNT	ac20	5825	Ant2	17.638
NVNT	ac40	5755	Ant2	36.117
NVNT	ac40	5795	Ant2	36.164
NVNT	ac80	5775	Ant2	75.265
NVNT	n20	5745	Ant2	17.647
NVNT	n20	5785	Ant2	17.621
NVNT	n20	5825	Ant2	17.659
NVNT	n40	5755	Ant2	36.131
NVNT	n40	5795	Ant2	36.124

Test Graphs

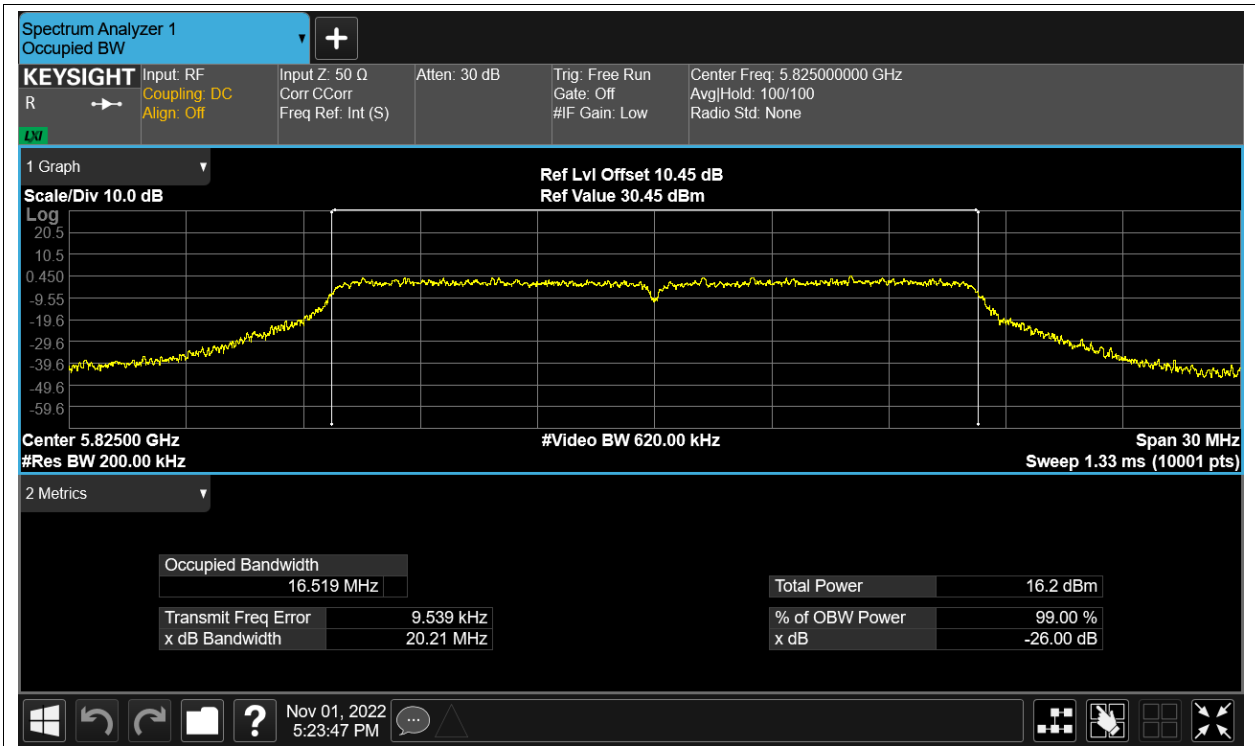
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2



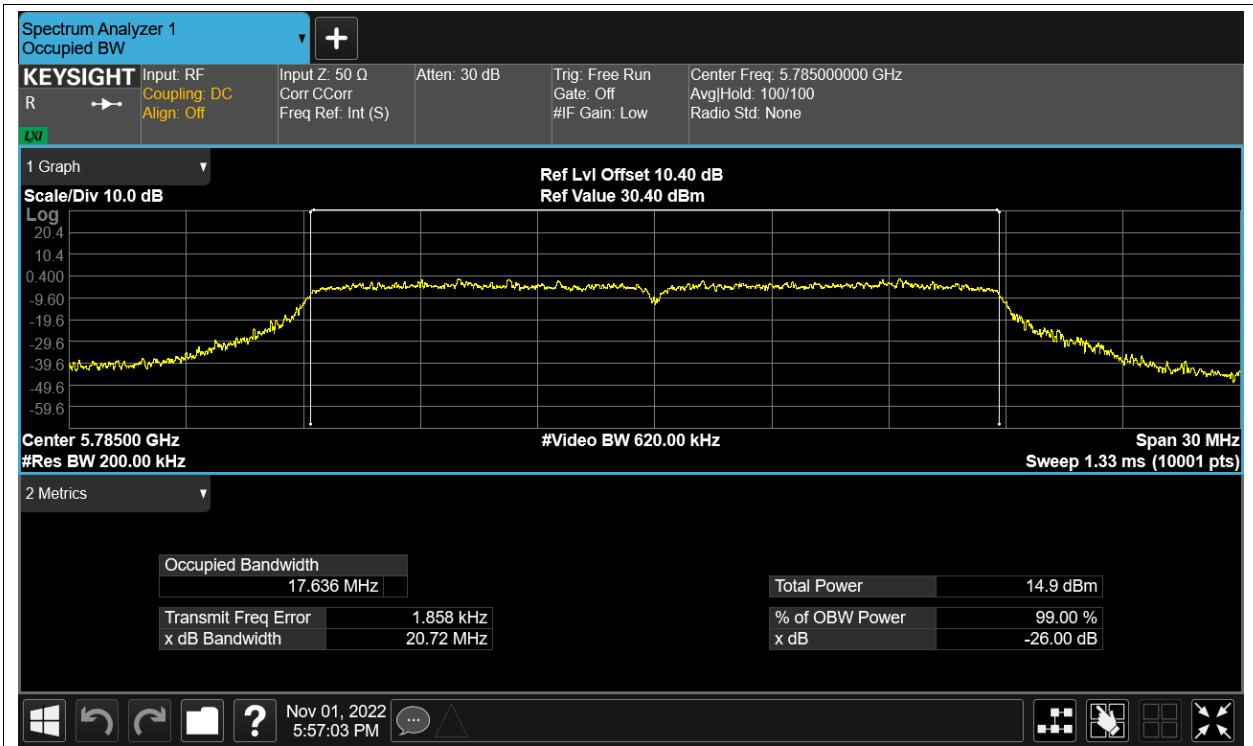
OBW NVNT a 5825MHz Ant2



OBW NVNT ac20 5745MHz Ant2



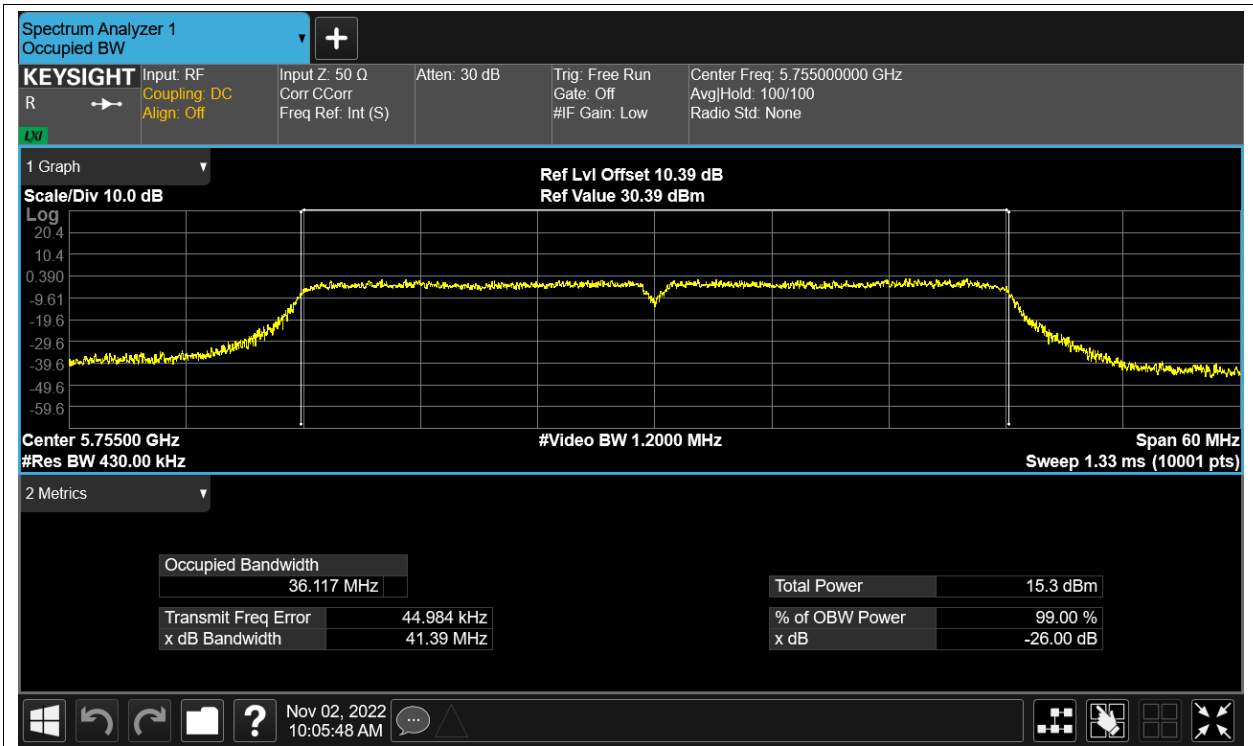
OBW NVNT ac20 5785MHz Ant2



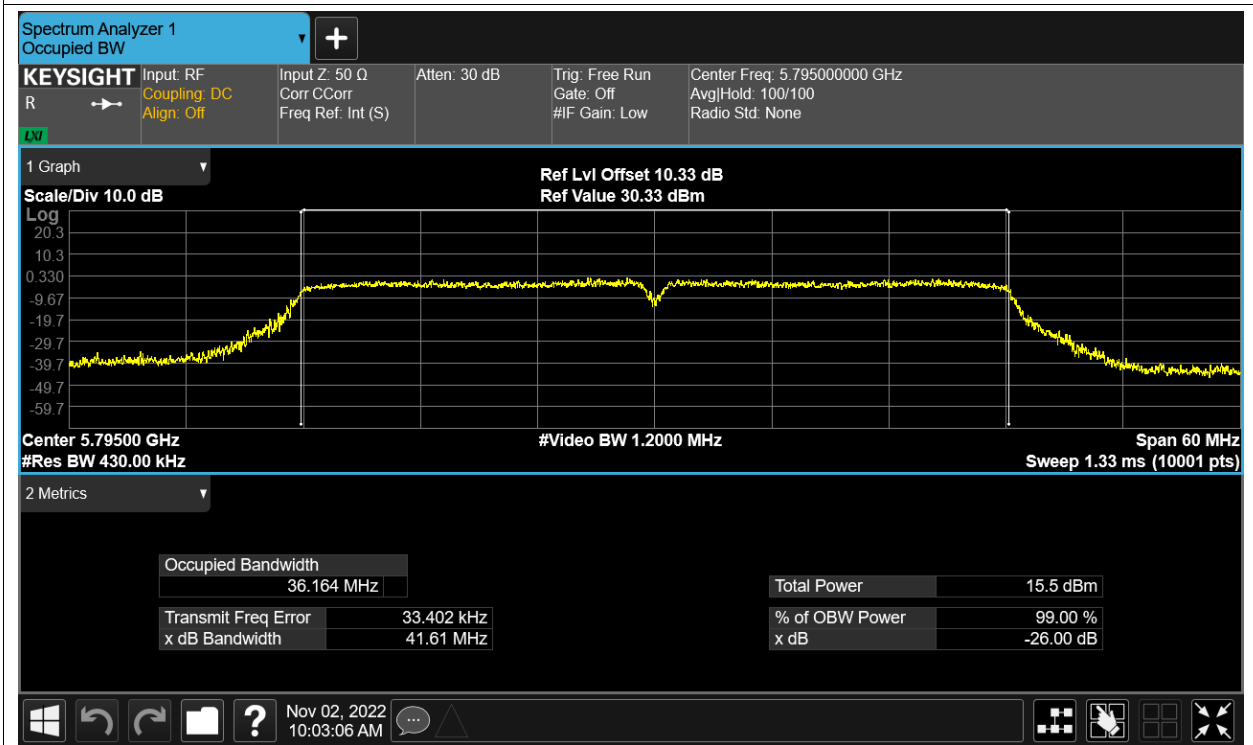
OBW NVNT ac20 5825MHz Ant2



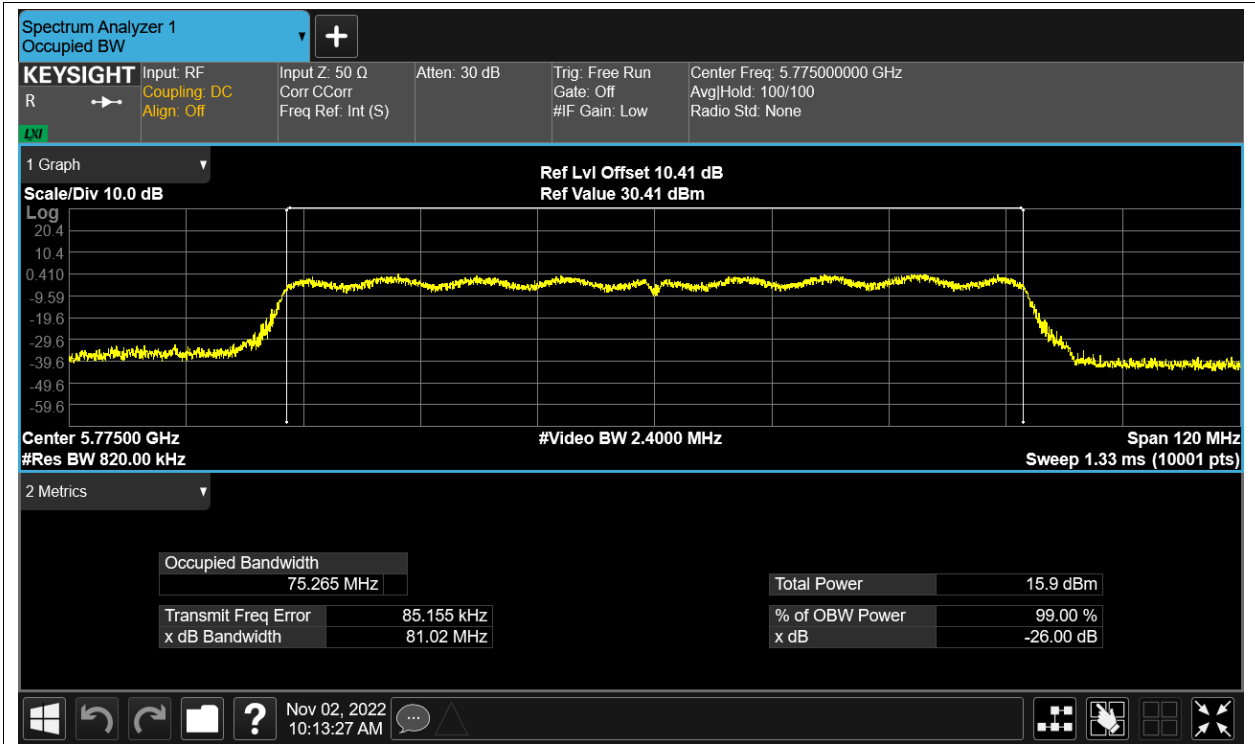
OBW NVNT ac40 5755MHz Ant2



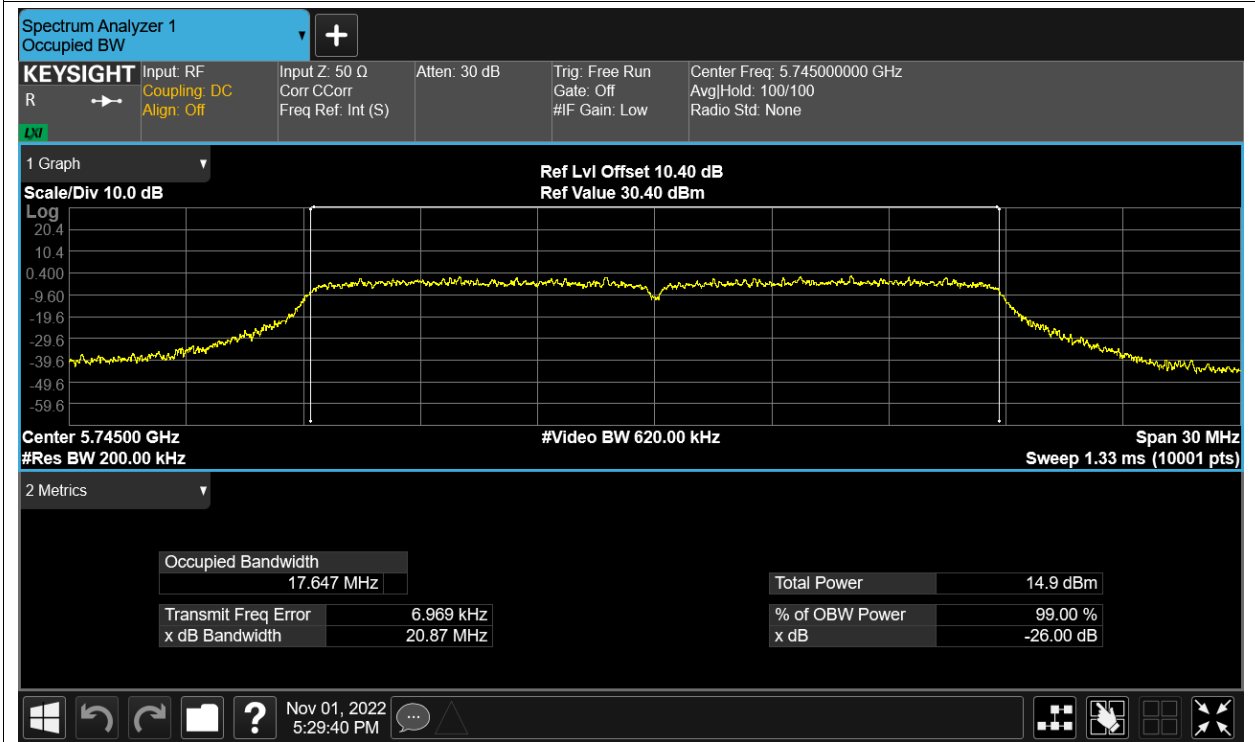
OBW NVNT ac40 5795MHz Ant2



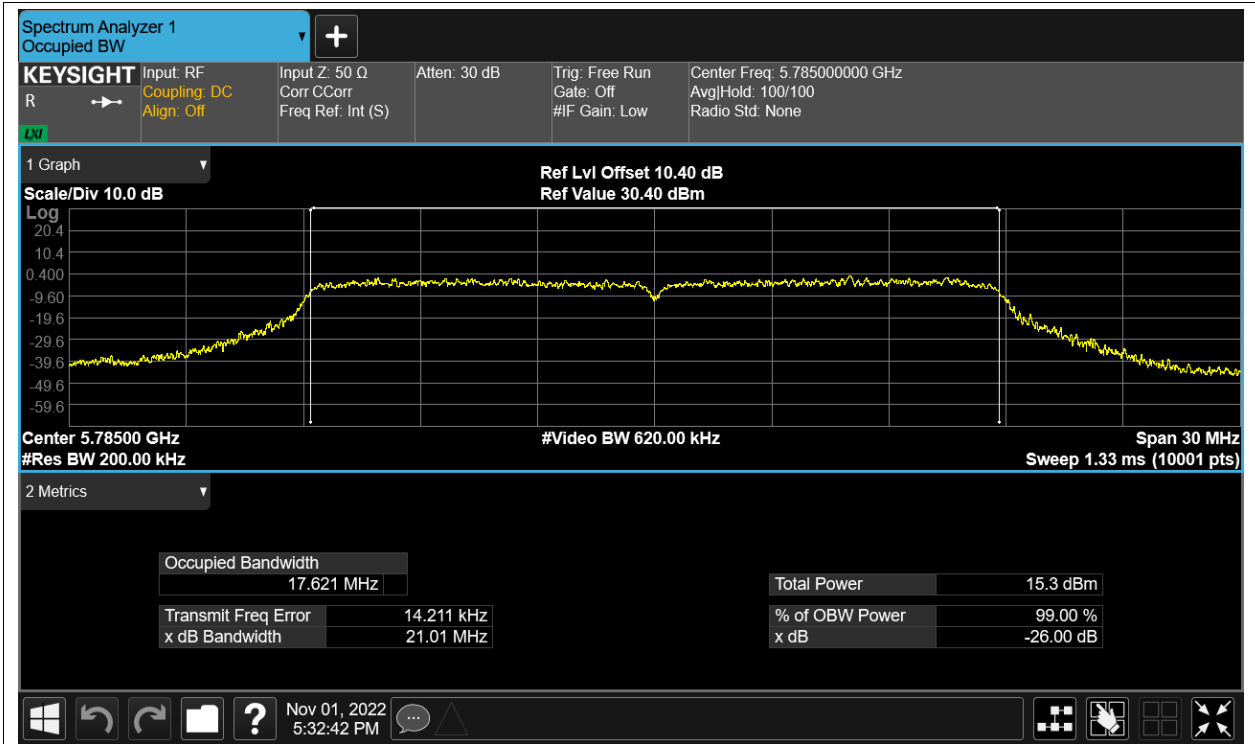
OBW NVNT ac80 5775MHz Ant2



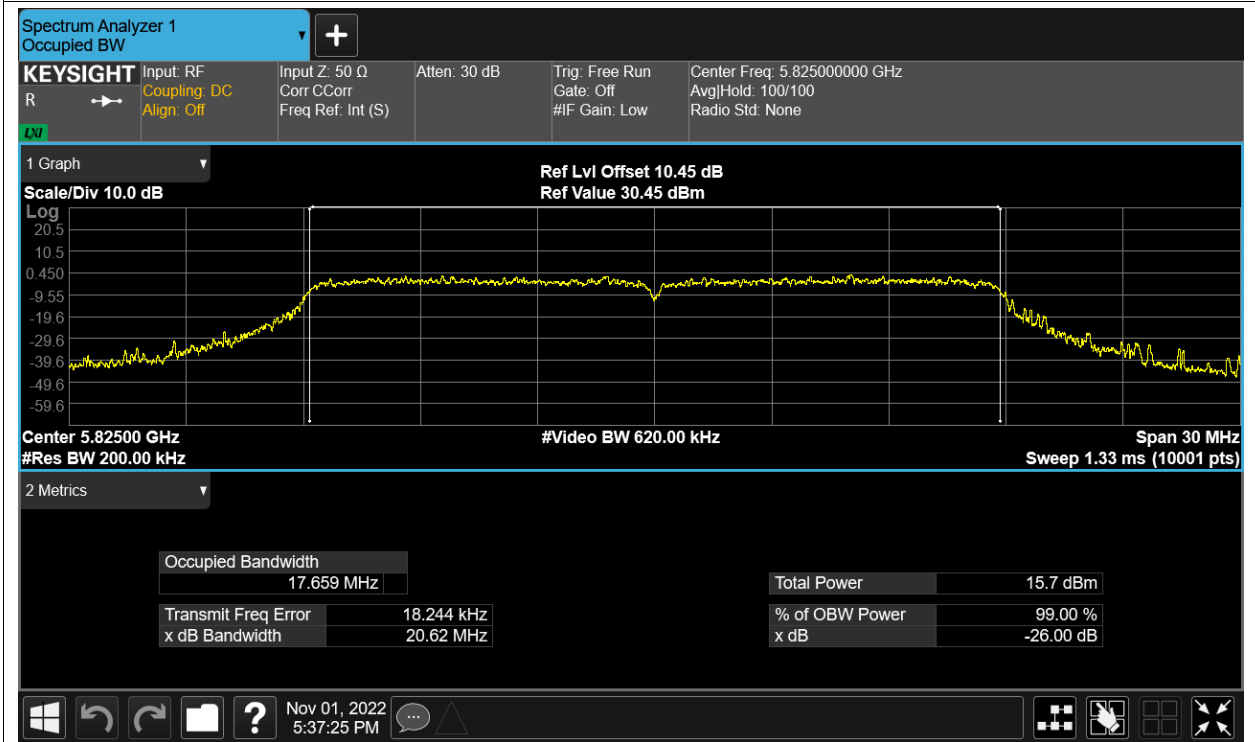
OBW NVNT n20 5745MHz Ant2



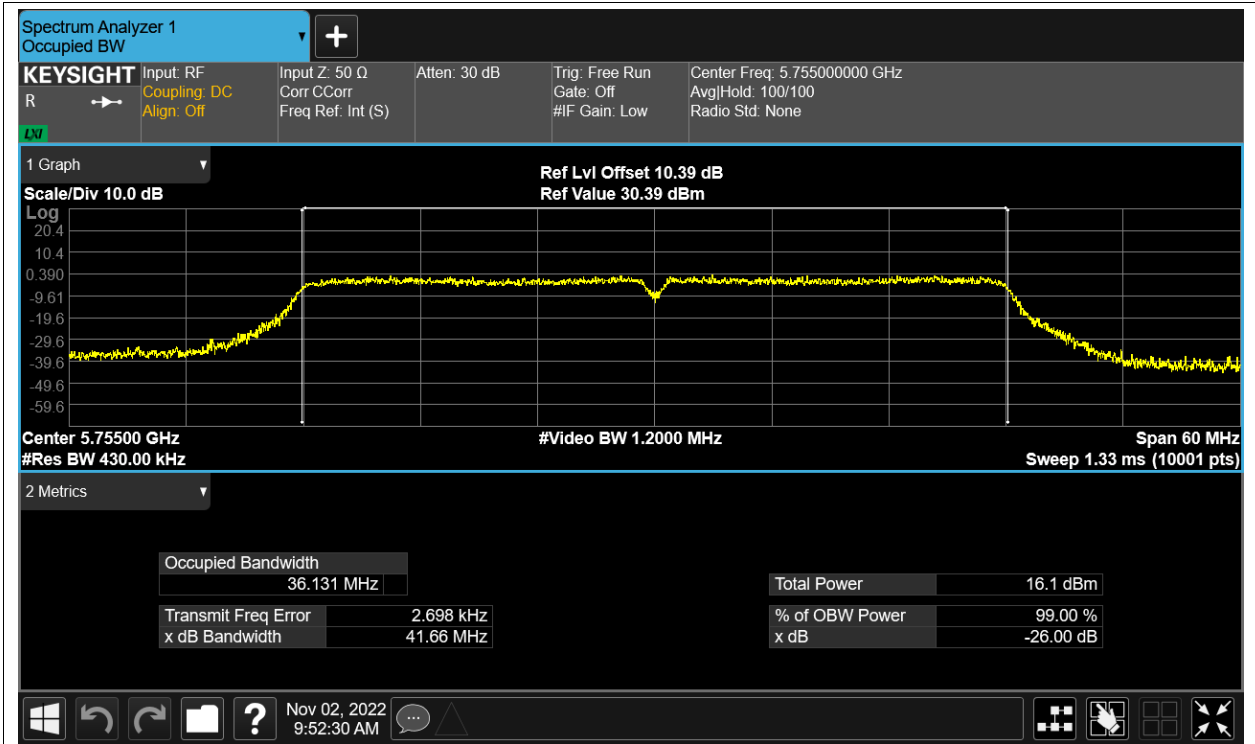
OBW NVNT n20 5785MHz Ant2



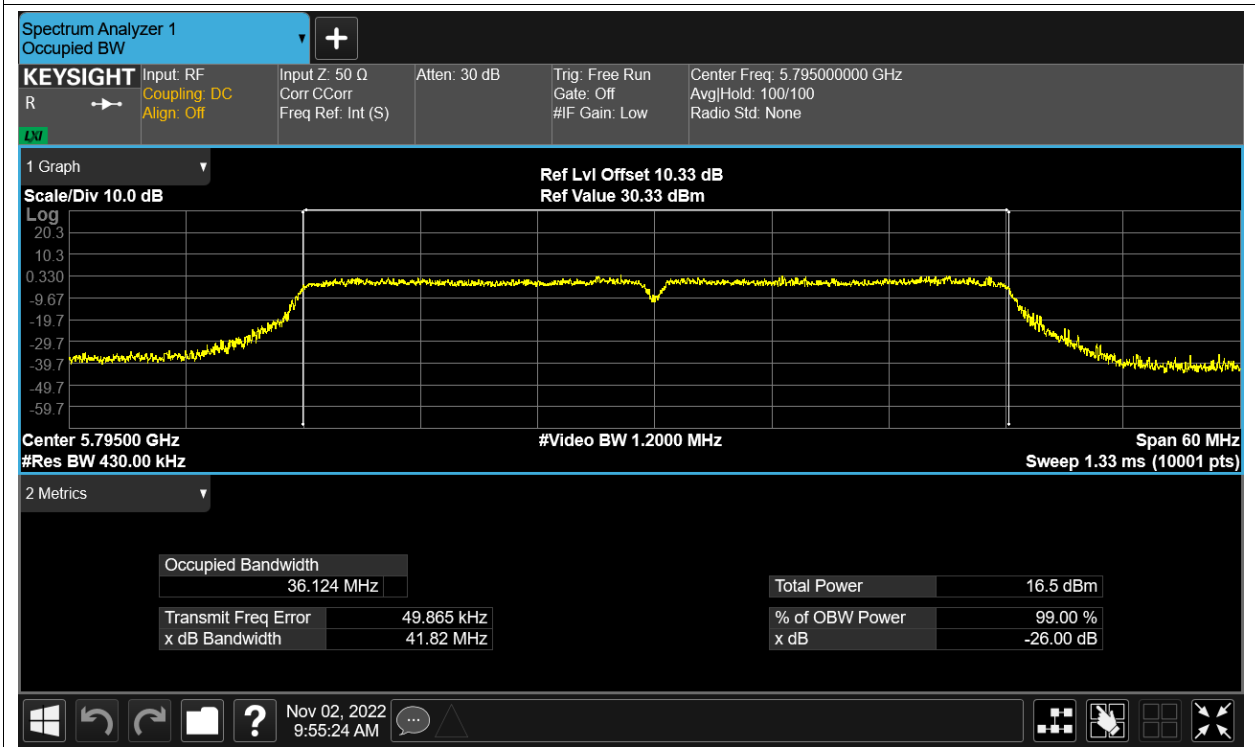
OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2

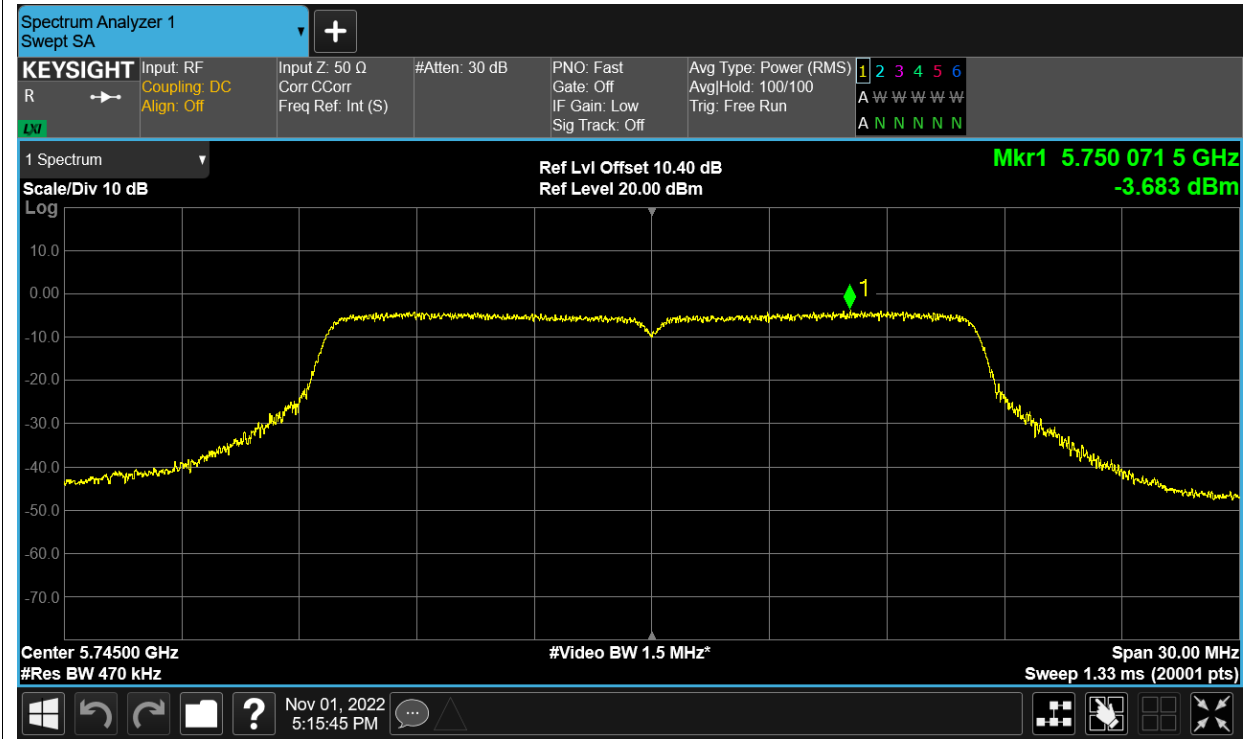


Maximum Power Spectral Density Level

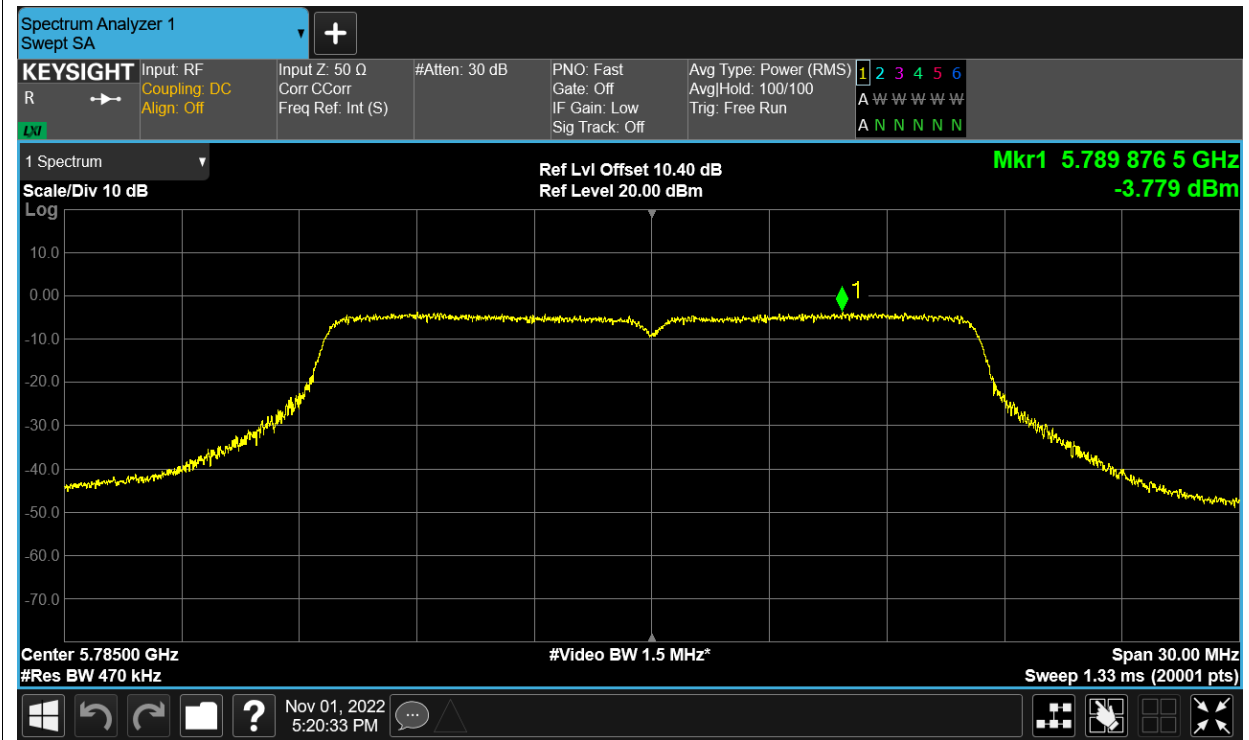
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	-3.683	30	Pass
NVNT	a	5785	Ant2	-3.779	30	Pass
NVNT	a	5825	Ant2	-3.325	30	Pass
NVNT	ac20	5745	Ant2	-4.883	30	Pass
NVNT	ac20	5785	Ant2	-5.106	30	Pass
NVNT	ac20	5825	Ant2	-4.499	30	Pass
NVNT	ac40	5755	Ant2	-7.613	30	Pass
NVNT	ac40	5795	Ant2	-7.766	30	Pass
NVNT	ac80	5775	Ant2	-10.9	30	Pass
NVNT	n20	5745	Ant2	-4.948	30	Pass
NVNT	n20	5785	Ant2	-4.436	30	Pass
NVNT	n20	5825	Ant2	-4.12	30	Pass
NVNT	n40	5755	Ant2	-7.123	30	Pass
NVNT	n40	5795	Ant2	-6.582	30	Pass

Test Graphs

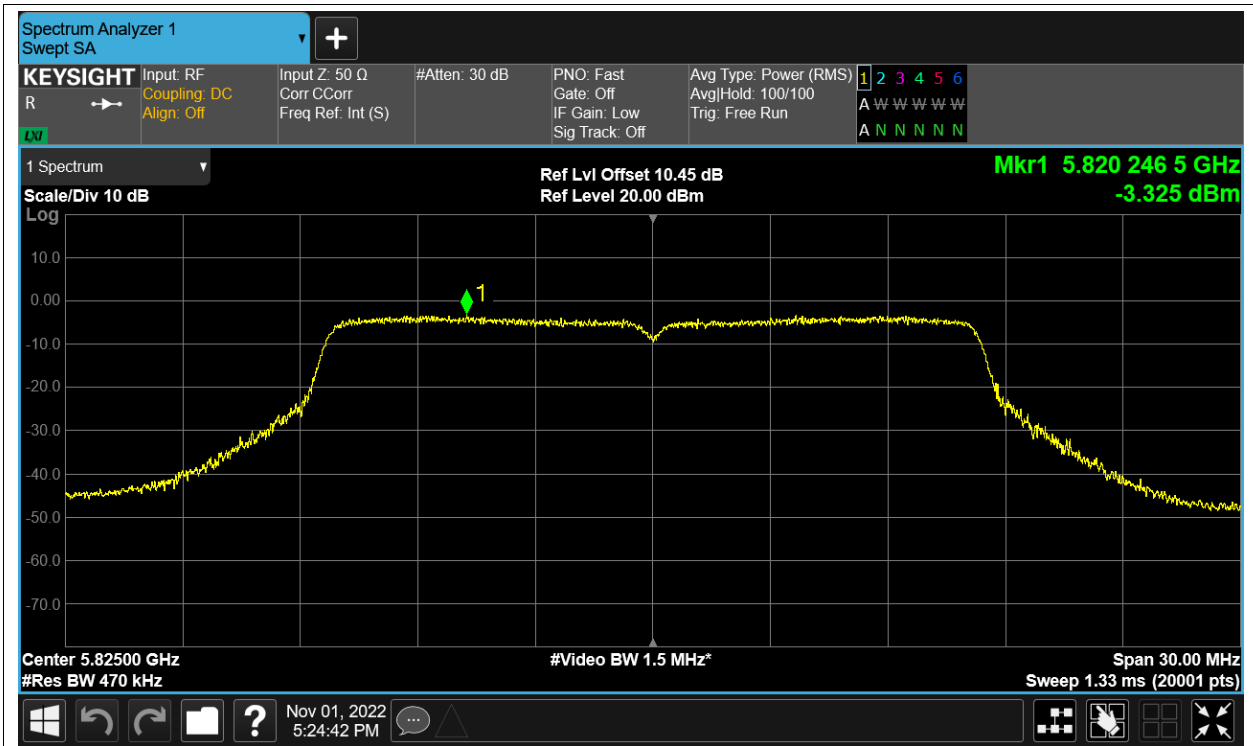
PSD NVNT a 5745MHz Ant2



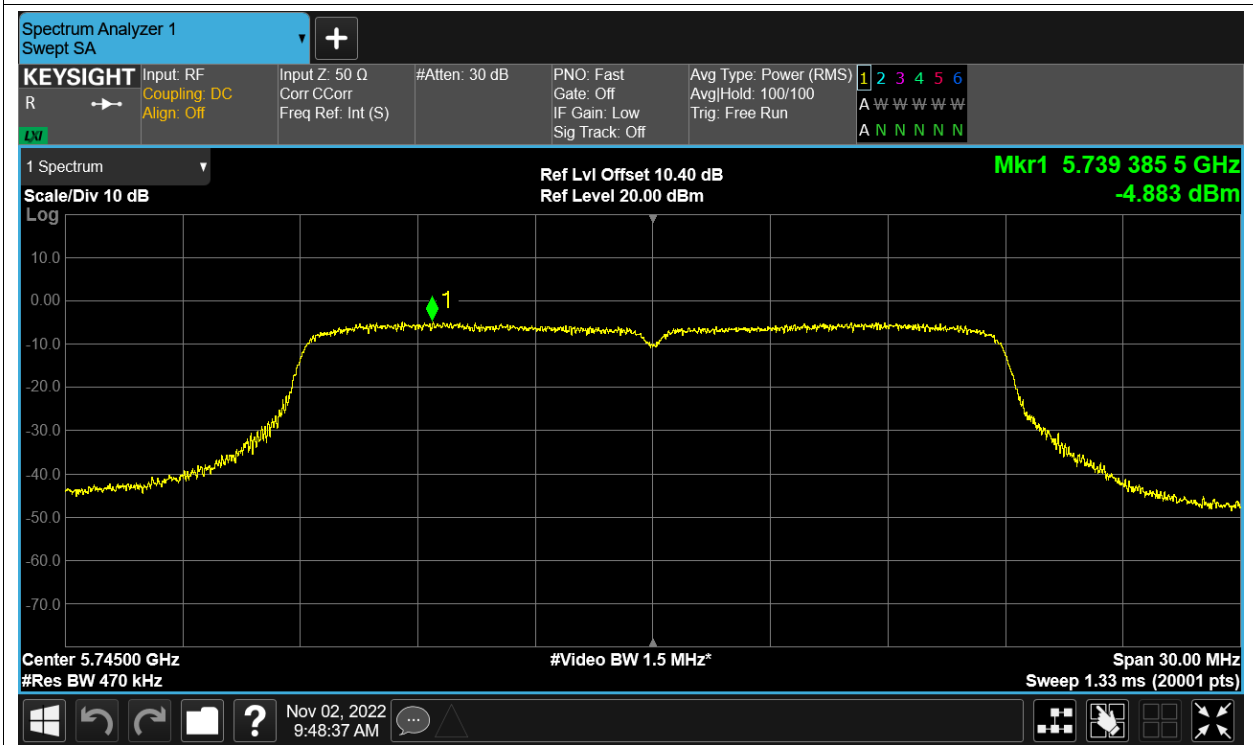
PSD NVNT a 5785MHz Ant2



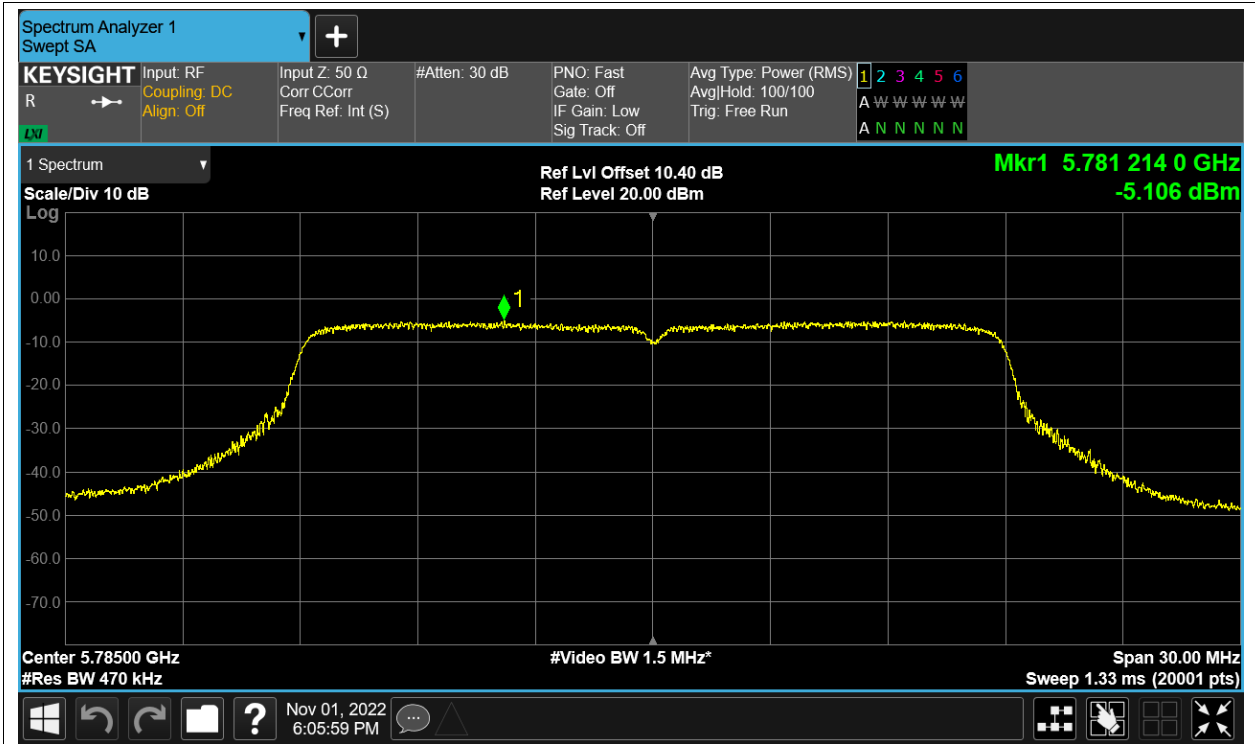
PSD NVNT a 5825MHz Ant2



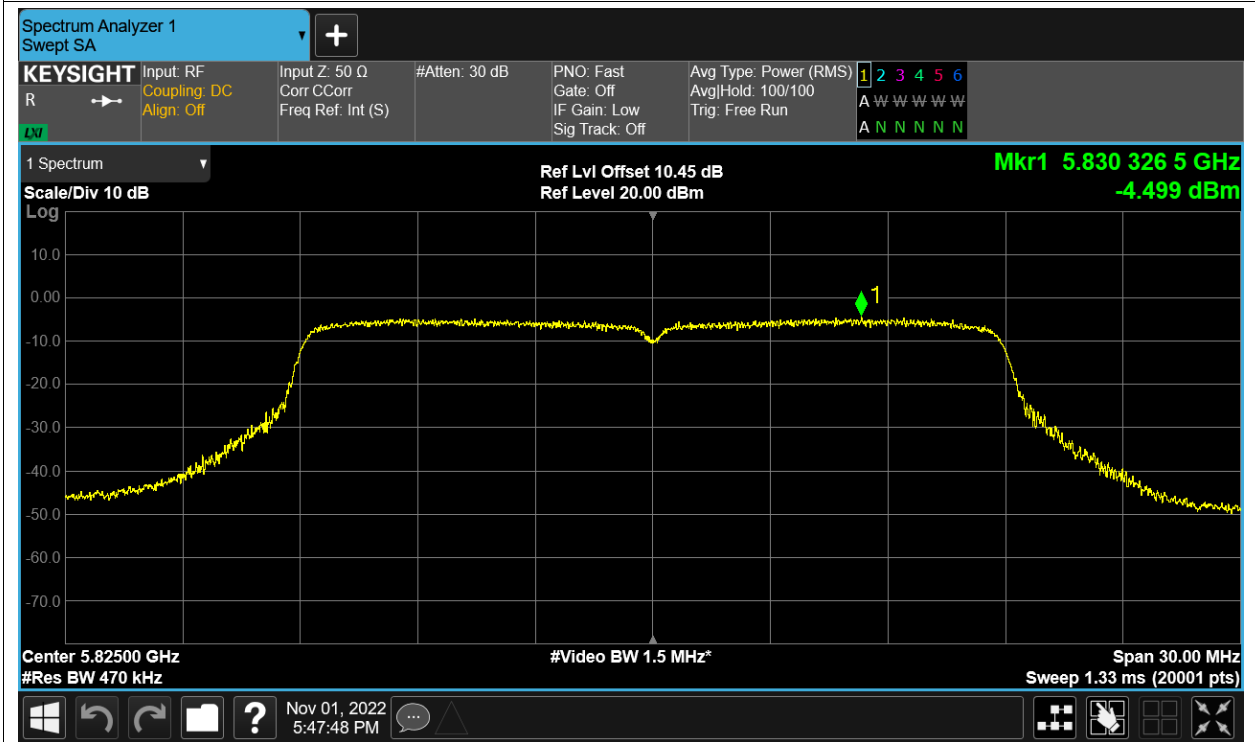
PSD NVNT ac20 5745MHz Ant2



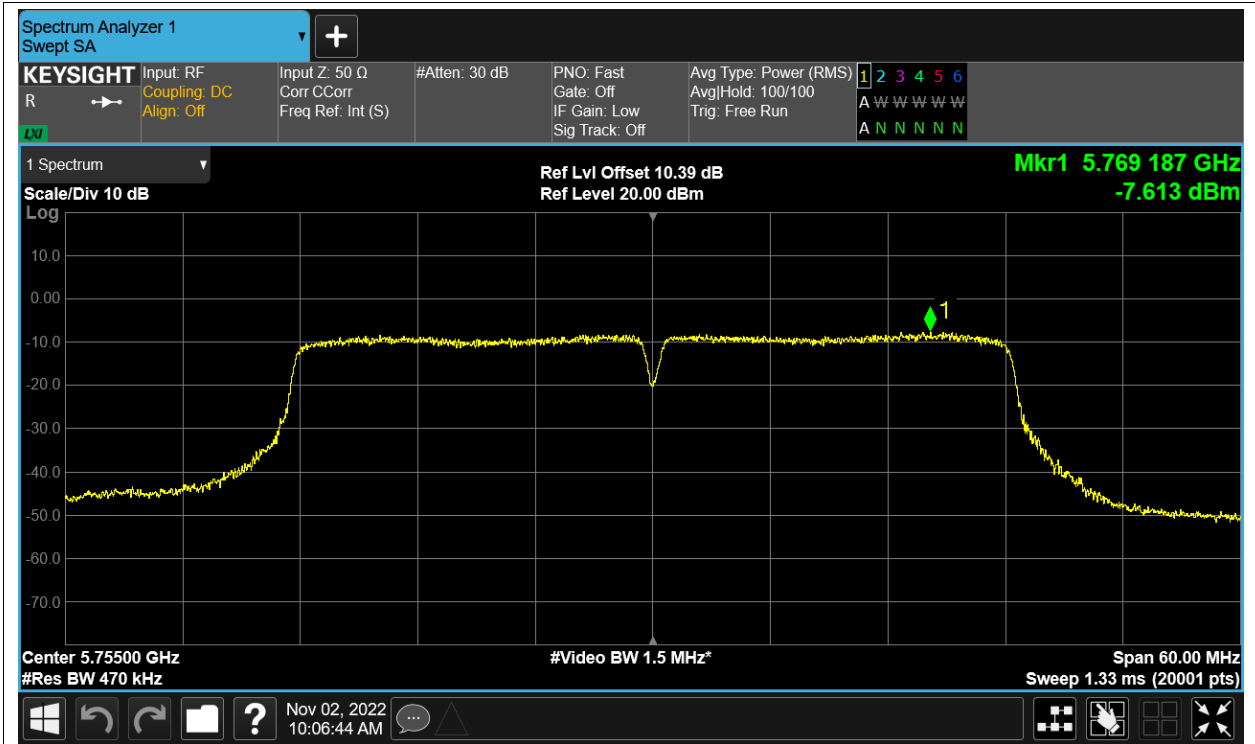
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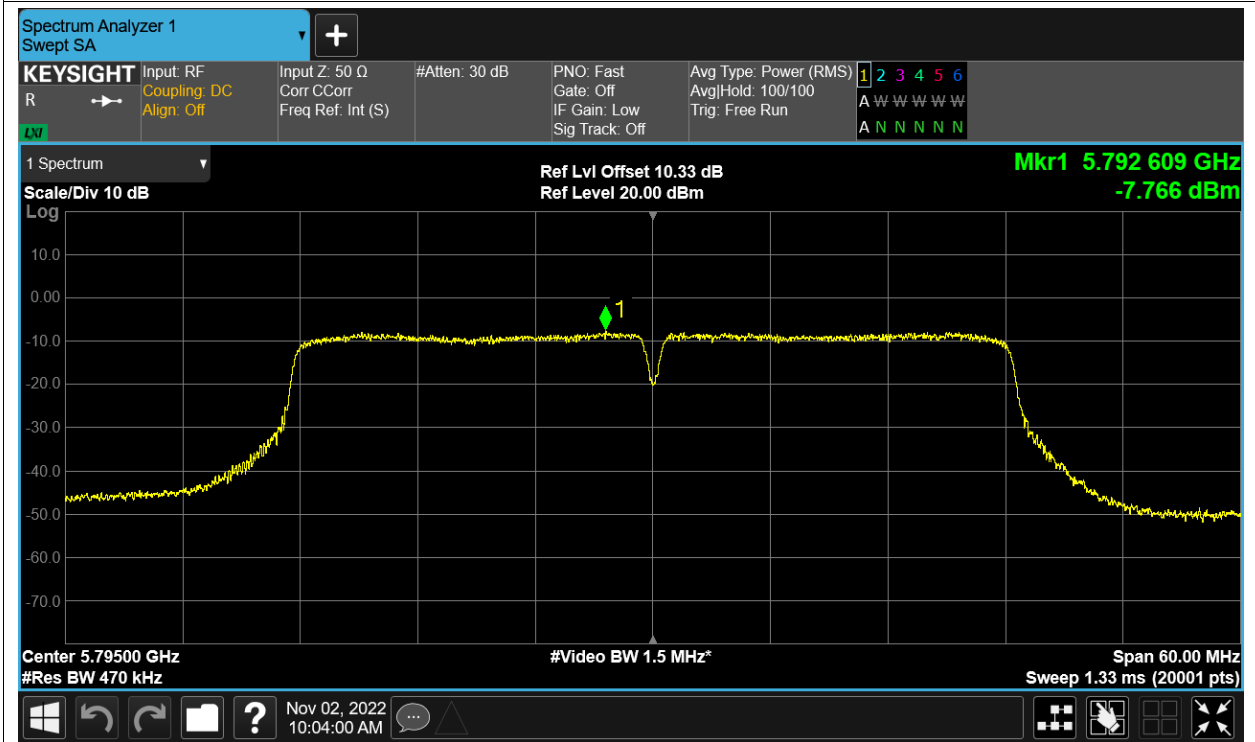
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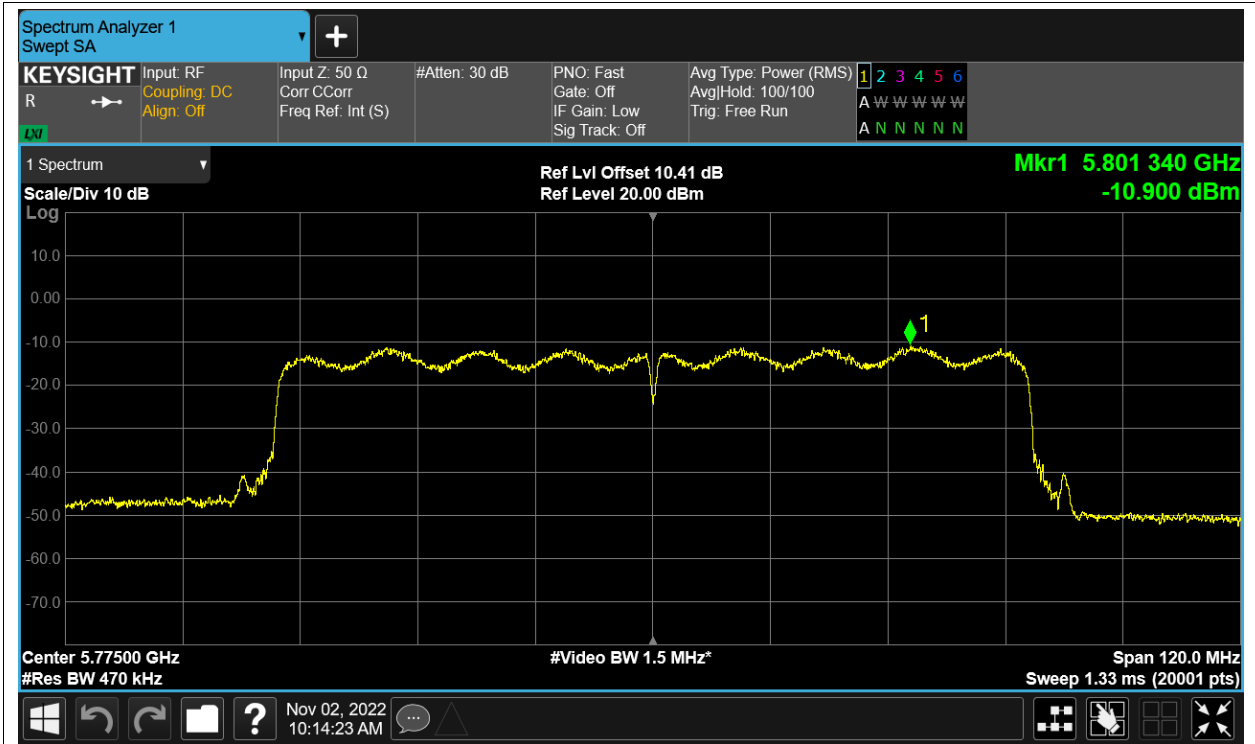
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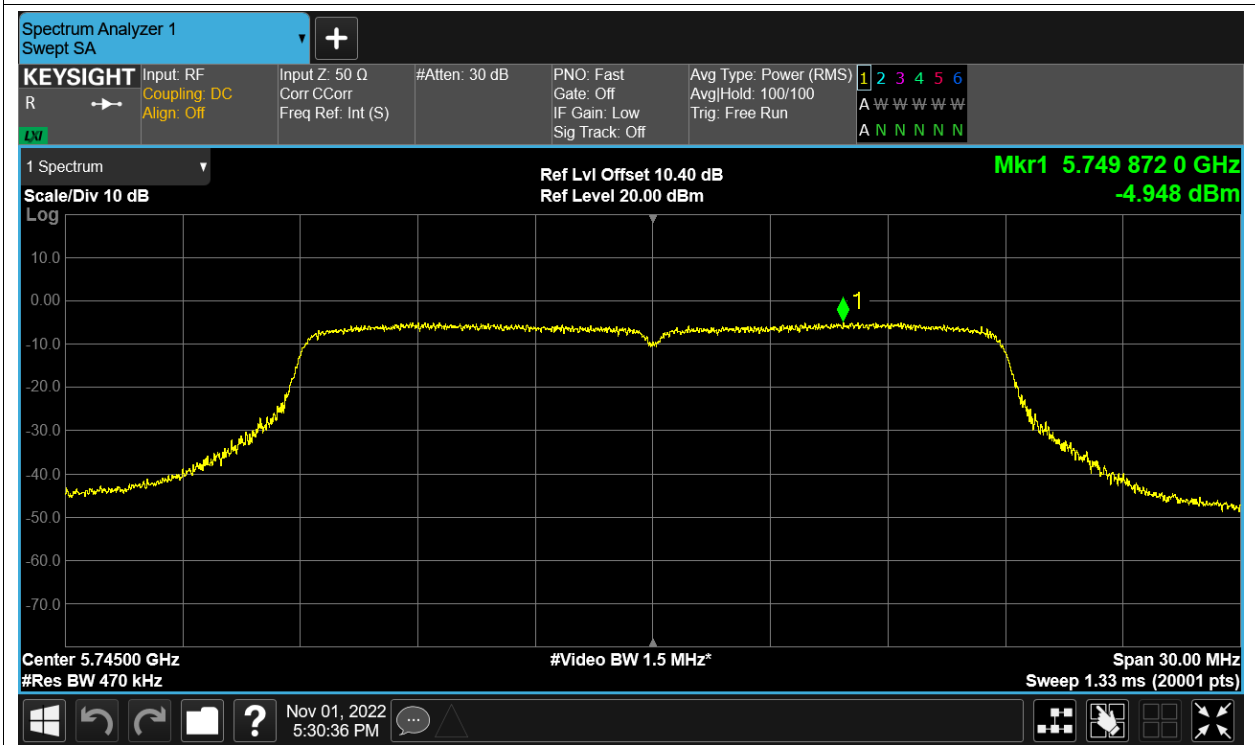
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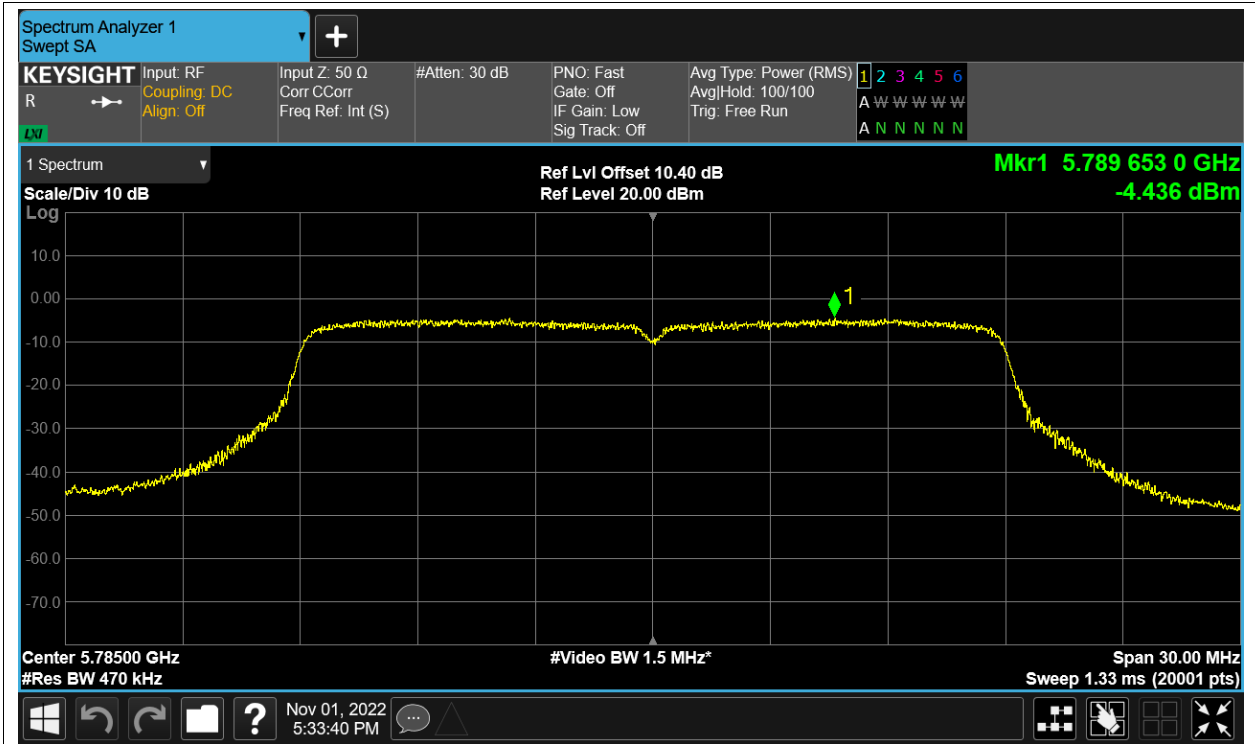
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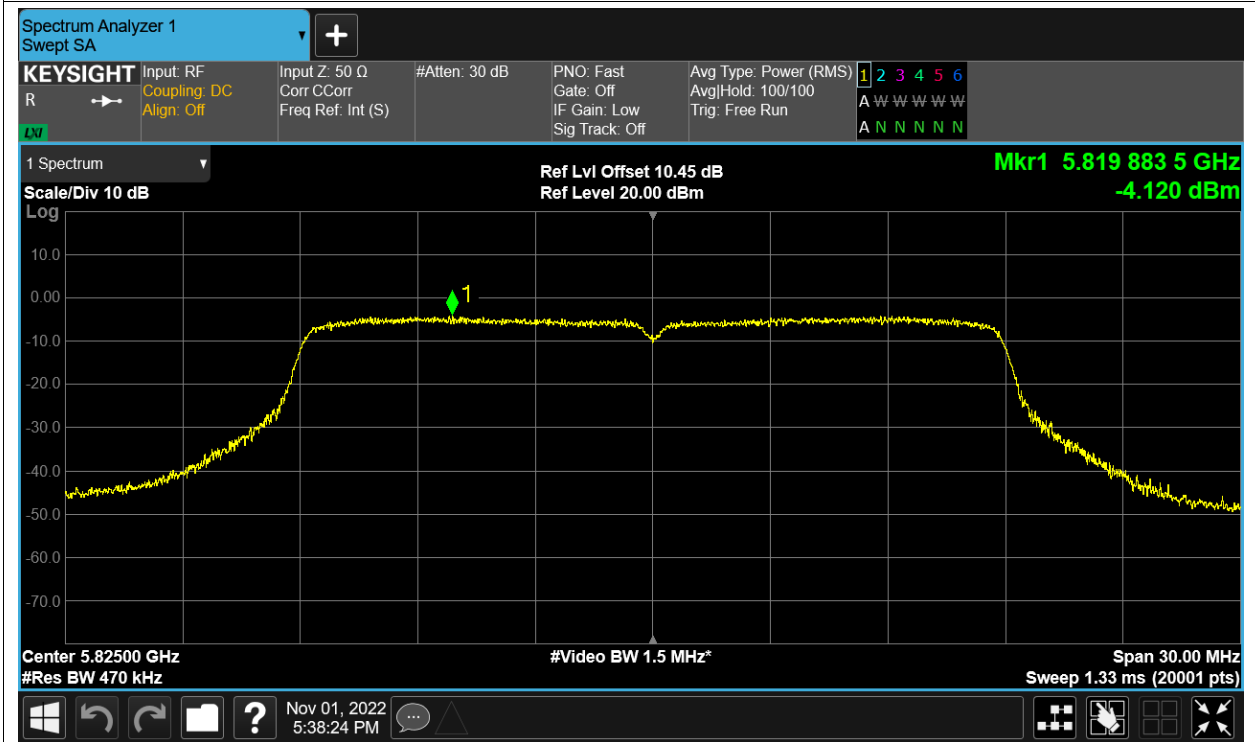
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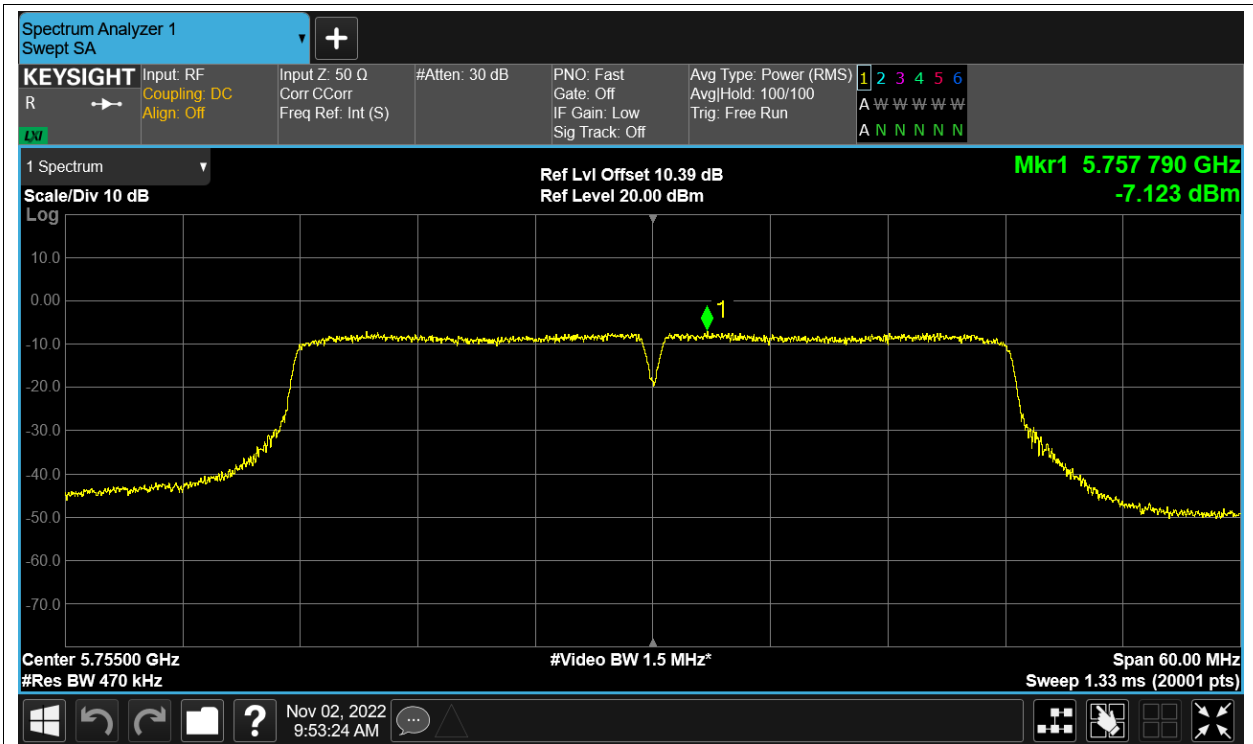
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PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant2



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