

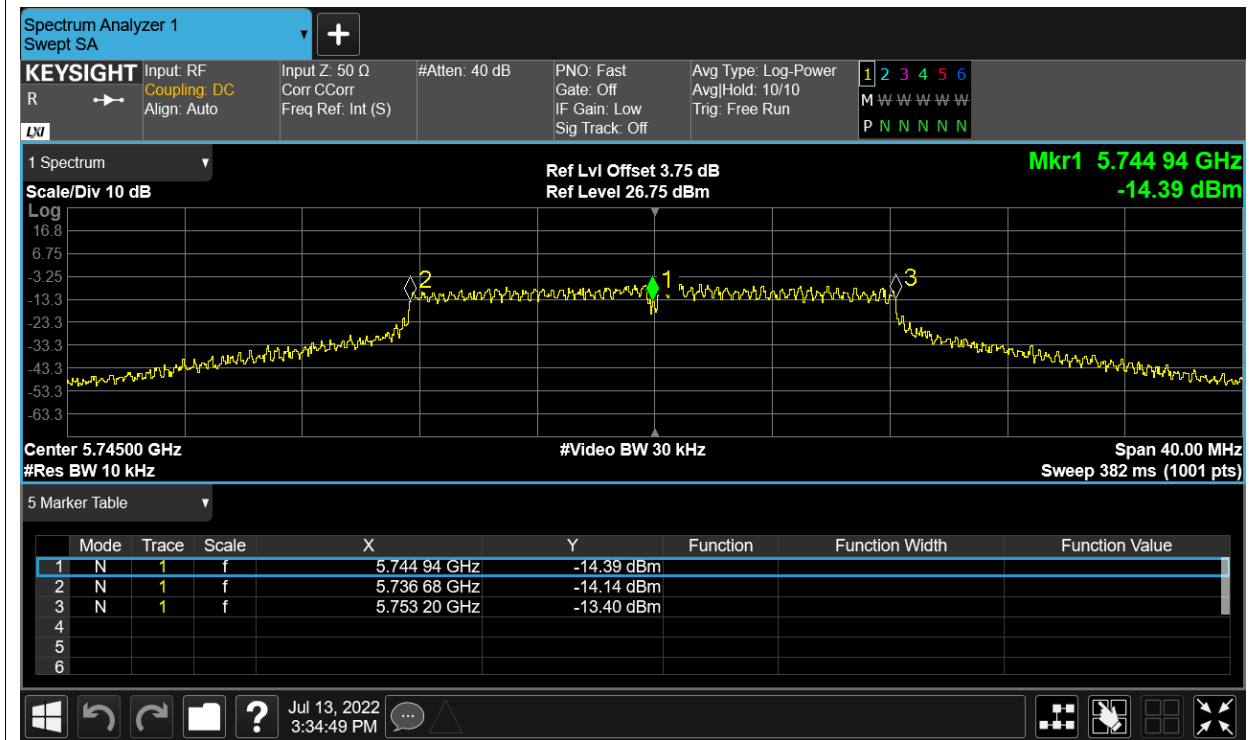
Test Data

Frequency Stability

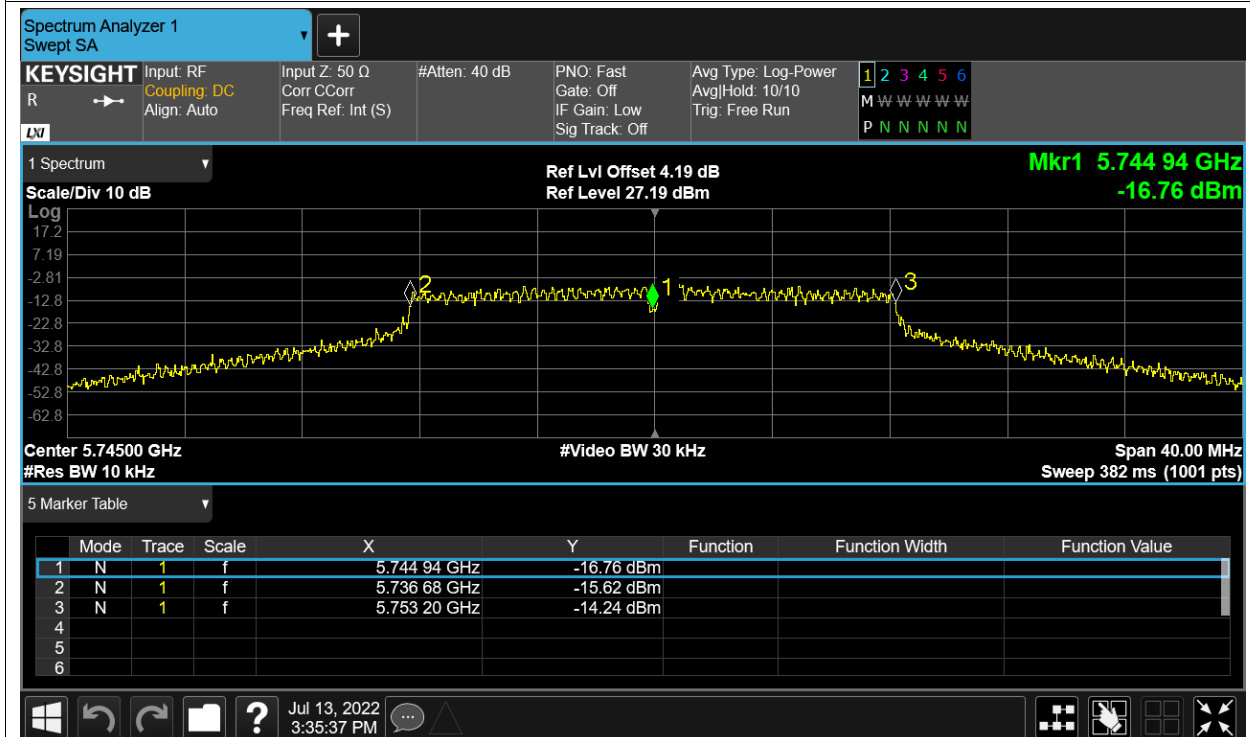
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.94	-10.44	25	Pass
HVNT	a	5745	Ant2	5744.94	-10.44	25	Pass
LVNT	a	5745	Ant1	5744.94	-10.44	25	Pass
LVNT	a	5745	Ant2	5744.96	-6.96	25	Pass
NVHT	a	5745	Ant1	5744.96	-6.96	25	Pass
NVHT	a	5745	Ant2	5744.96	-6.96	25	Pass
NVLT	a	5745	Ant1	5744.94	-10.44	25	Pass
NVLT	a	5745	Ant2	5744.96	-6.96	25	Pass
NVNT	a	5745	Ant1	5744.96	-6.96	25	Pass
NVNT	a	5745	Ant2	5744.94	-10.44	25	Pass
HVNT	ac20	5745	Sum	5744.94	-10.44	25	Pass
LVNT	ac20	5745	Sum	5744.94	-10.44	25	Pass
NVHT	ac20	5745	Sum	5744.96	-6.96	25	Pass
NVLT	ac20	5745	Sum	5744.94	-10.44	25	Pass
NVNT	ac20	5745	Sum	5744.96	-6.96	25	Pass
HVNT	ac40	5755	Sum	5754.96	-6.95	25	Pass
LVNT	ac40	5755	Sum	5754.96	-6.95	25	Pass
NVHT	ac40	5755	Sum	5754.96	-6.95	25	Pass
NVLT	ac40	5755	Sum	5754.92	-13.9	25	Pass
NVNT	ac40	5755	Sum	5754.96	-6.95	25	Pass
HVNT	ac80	5775	Sum	5774.92	-13.85	25	Pass
LVNT	ac80	5775	Sum	5775	0	25	Pass
NVHT	ac80	5775	Sum	5775	0	25	Pass
NVLT	ac80	5775	Sum	5775	0	25	Pass
NVNT	ac80	5775	Sum	5775	0	25	Pass
HVNT	n20	5745	Sum	5744.96	-6.96	25	Pass
LVNT	n20	5745	Sum	5744.94	-10.44	25	Pass
NVHT	n20	5745	Sum	5744.96	-6.96	25	Pass
NVLT	n20	5745	Sum	5744.96	-6.96	25	Pass
NVNT	n20	5745	Sum	5744.96	-6.96	25	Pass
HVNT	n40	5755	Sum	5754.92	-13.9	25	Pass
LVNT	n40	5755	Sum	5754.96	-6.95	25	Pass
NVHT	n40	5755	Sum	5754.92	-13.9	25	Pass
NVLT	n40	5755	Sum	5754.92	-13.9	25	Pass
NVNT	n40	5755	Sum	5754.96	-6.95	25	Pass

Test Graphs

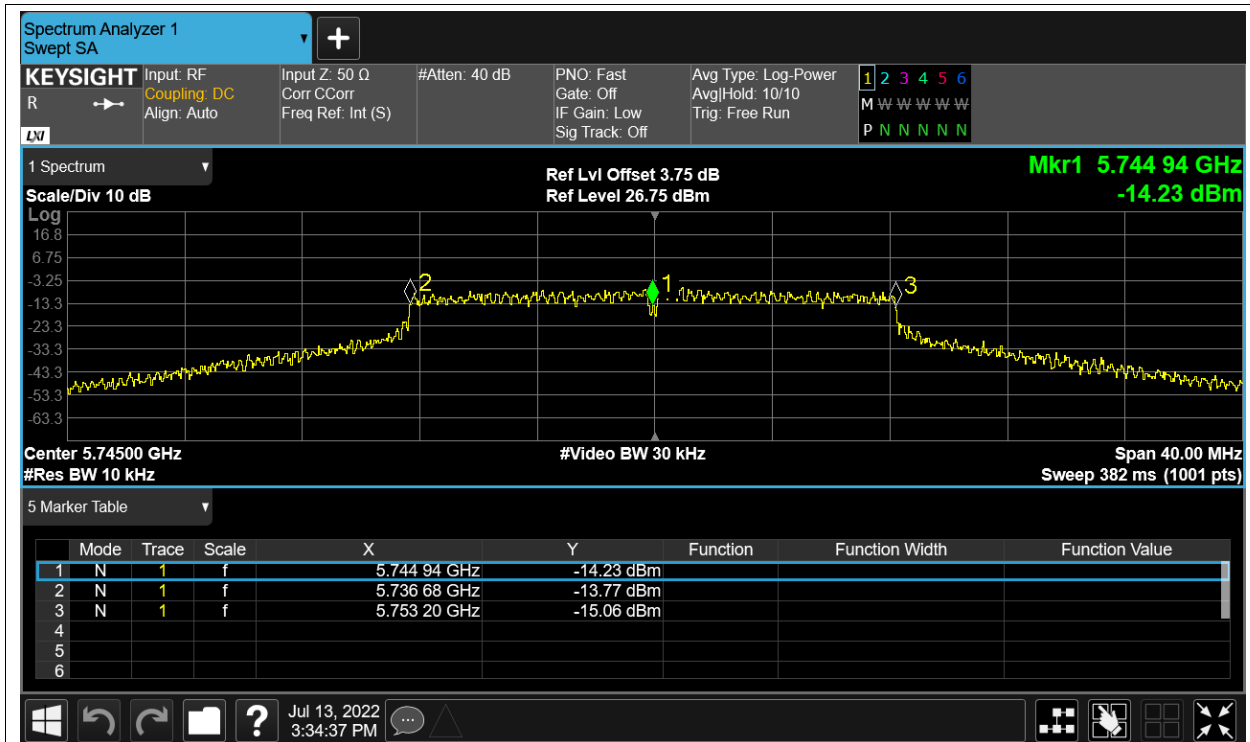
Freq. Stability HVNT a 5745MHz Ant1



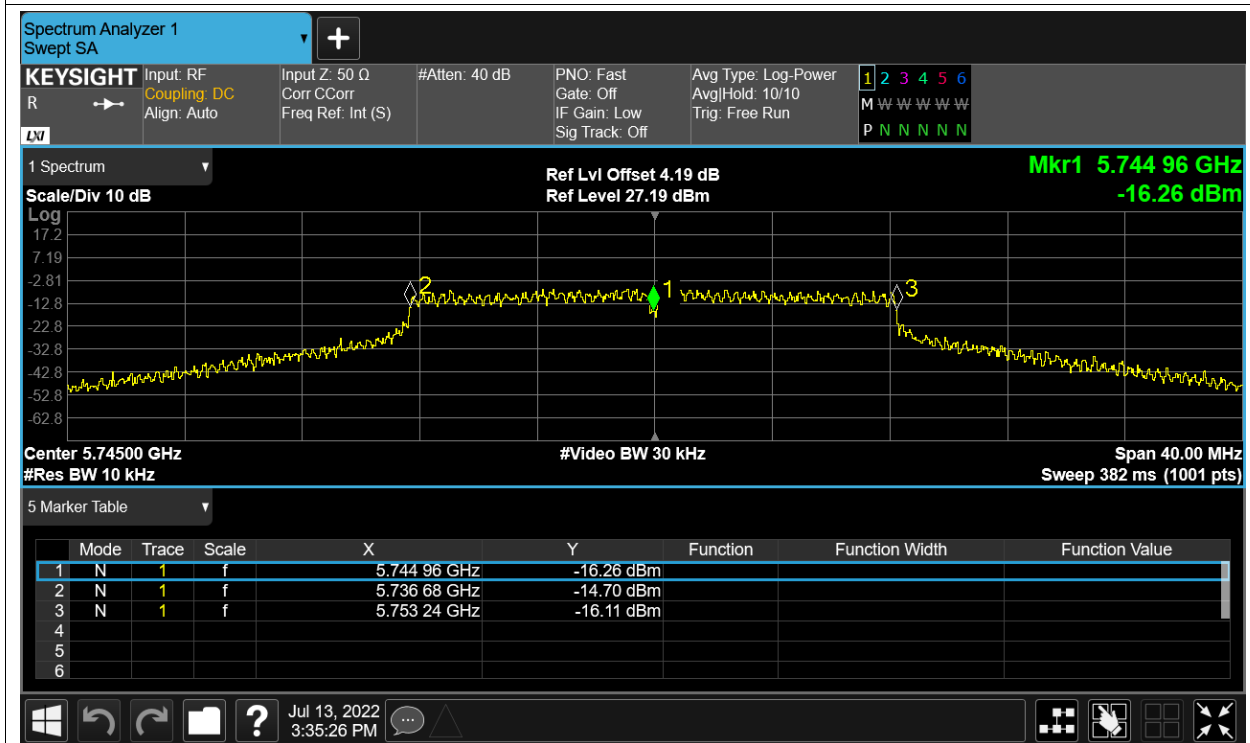
Freq. Stability HVNT a 5745MHz Ant2



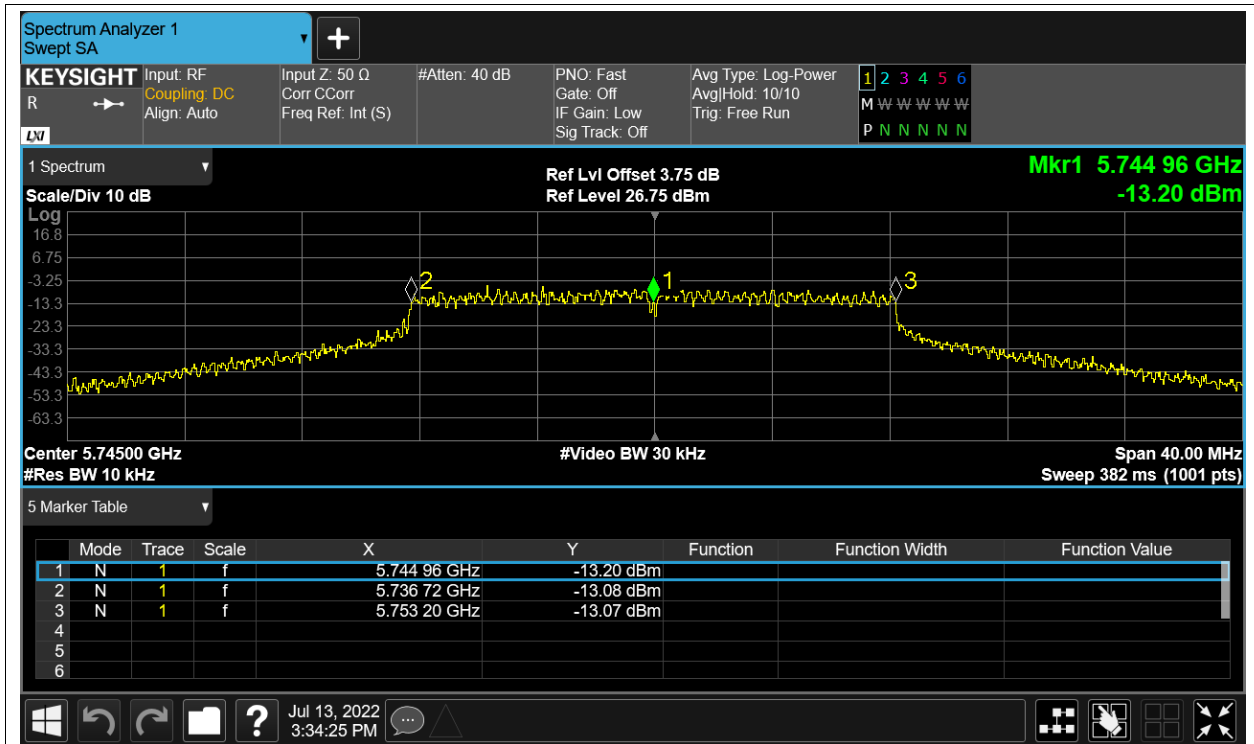
Freq. Stability LVNT a 5745MHz Ant1



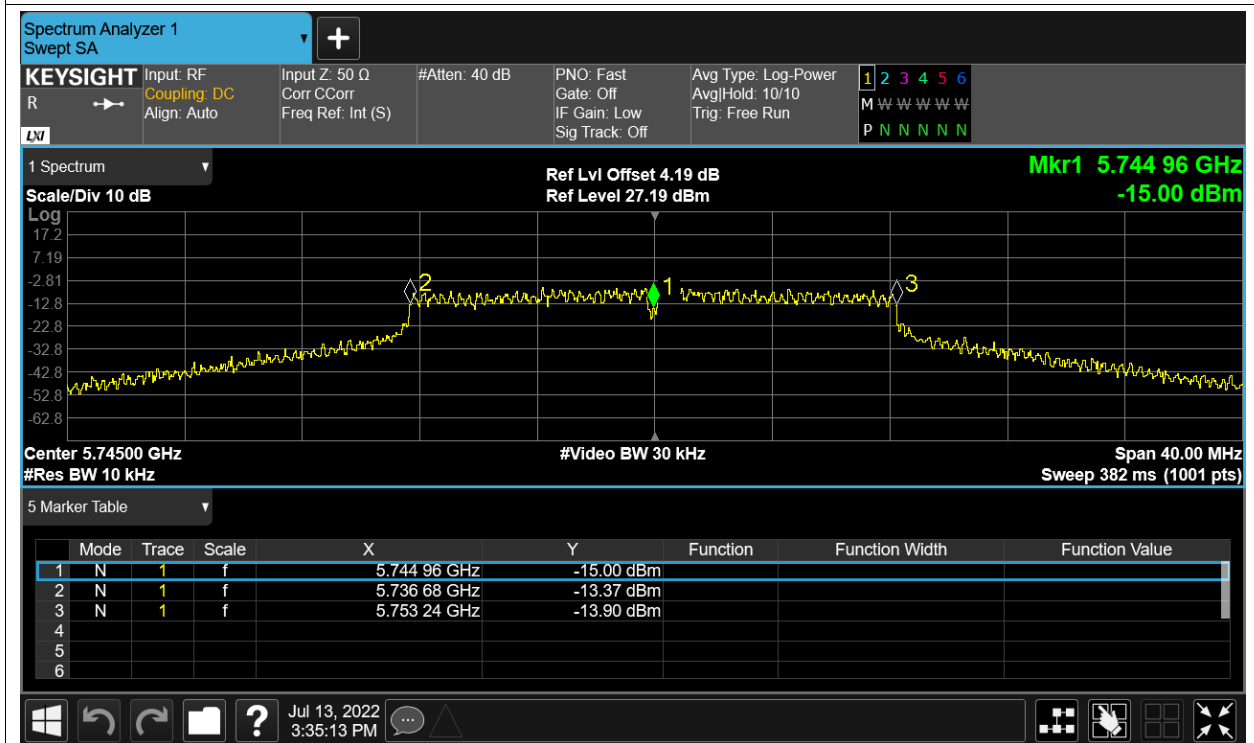
Freq. Stability LVNT a 5745MHz Ant2



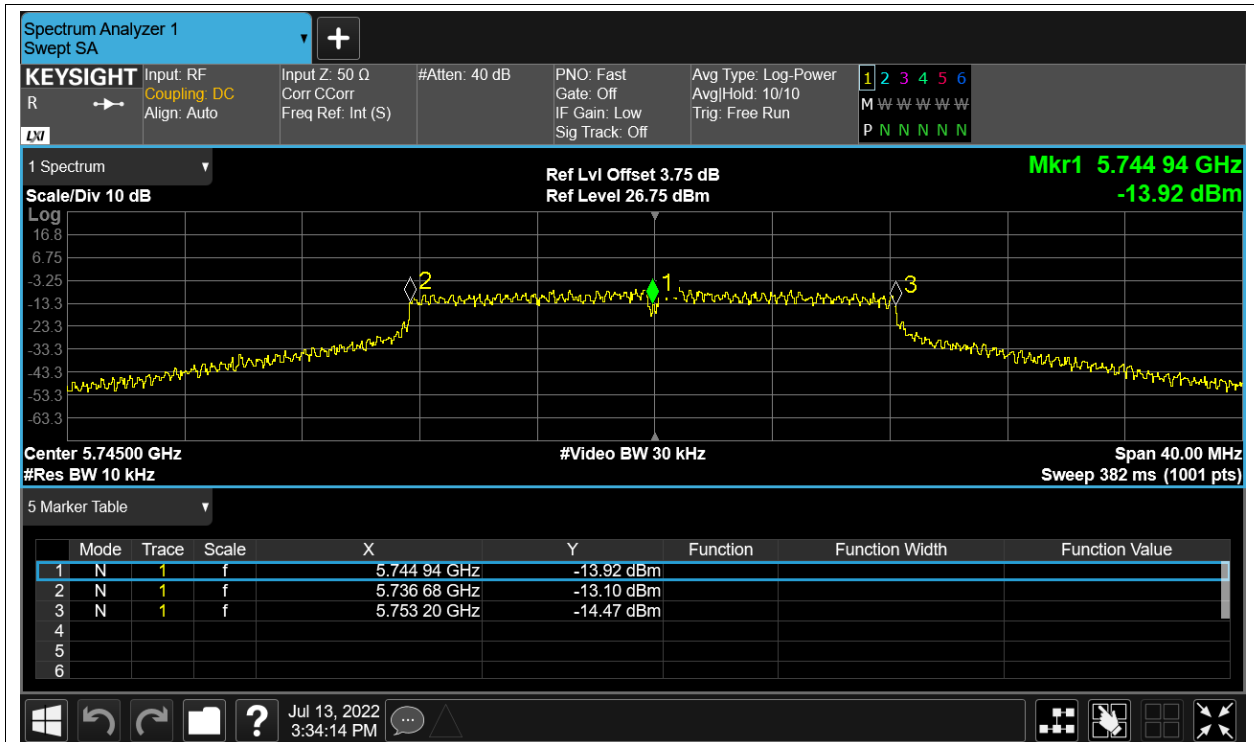
Freq. Stability NVHT a 5745MHz Ant1



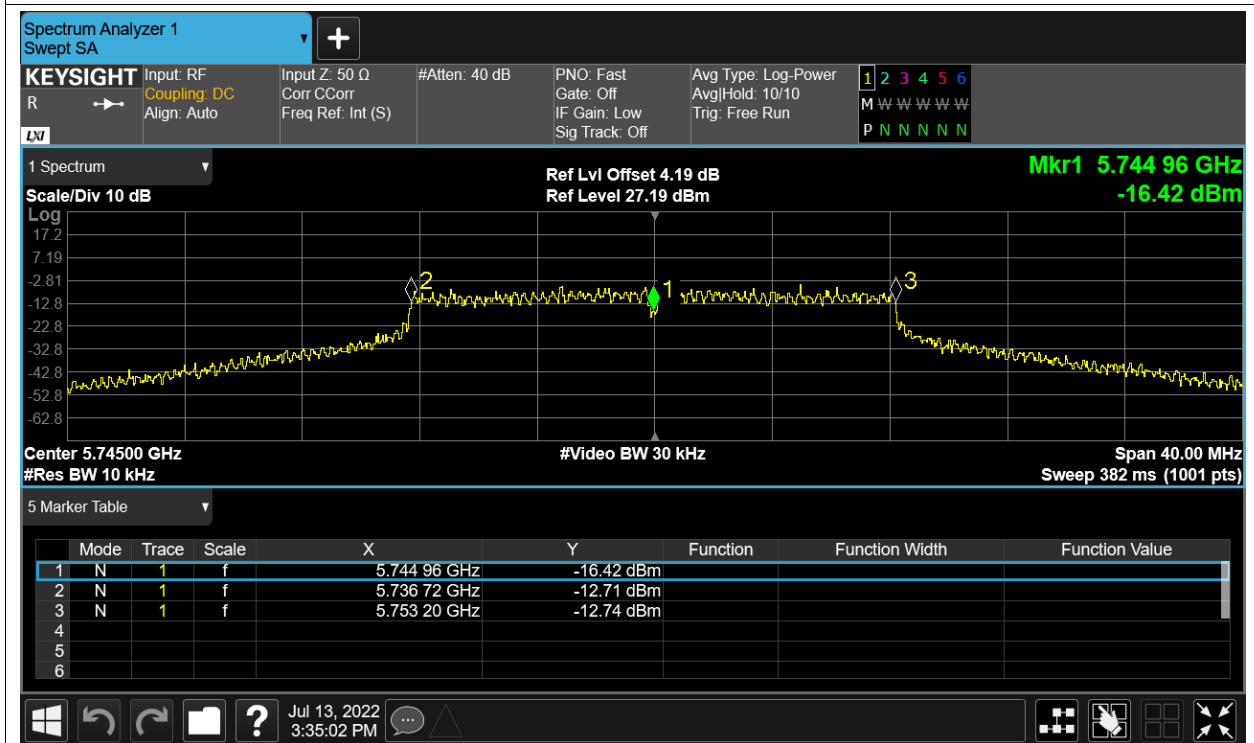
Freq. Stability NVHT a 5745MHz Ant2



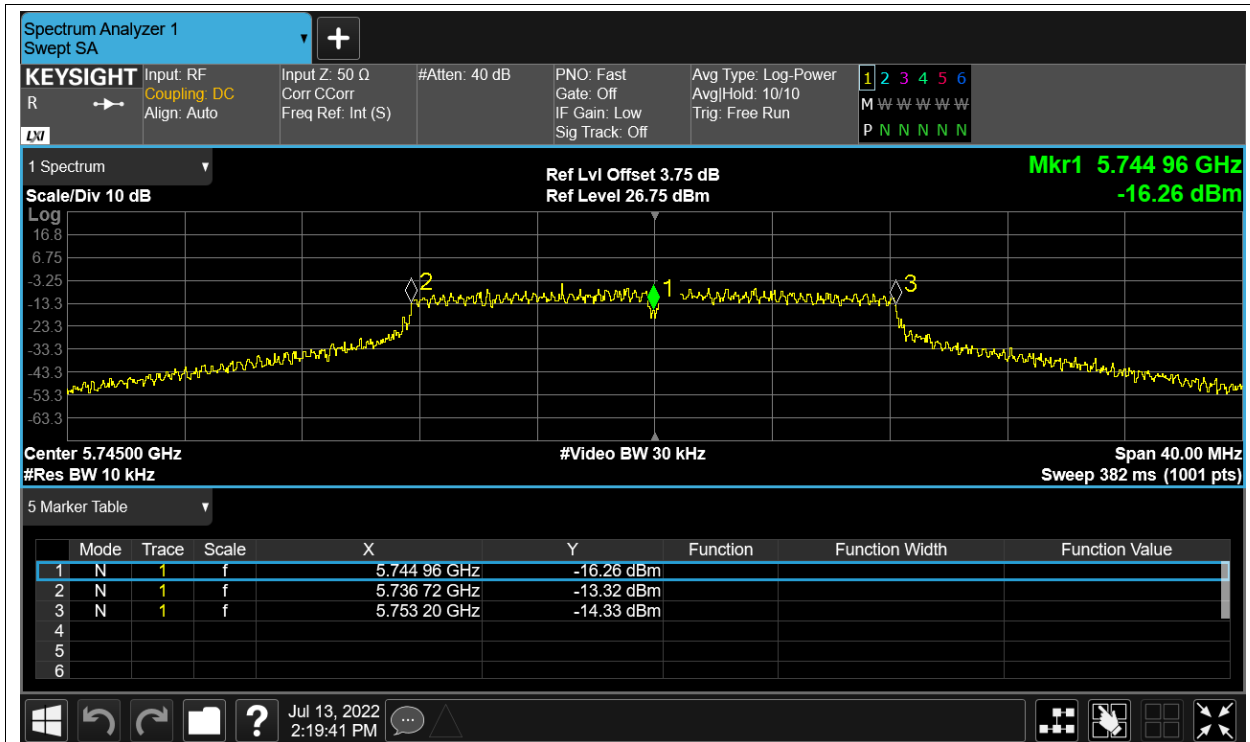
Freq. Stability NVLT a 5745MHz Ant1



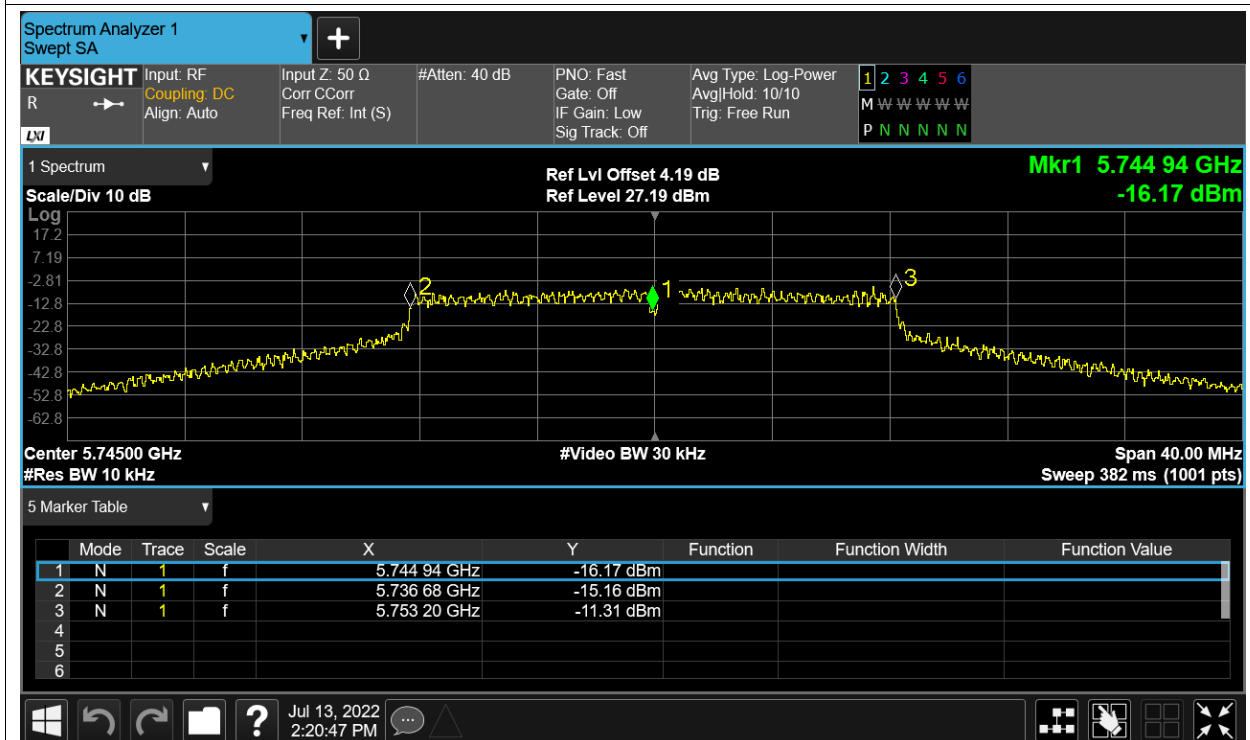
Freq. Stability NVLT a 5745MHz Ant2



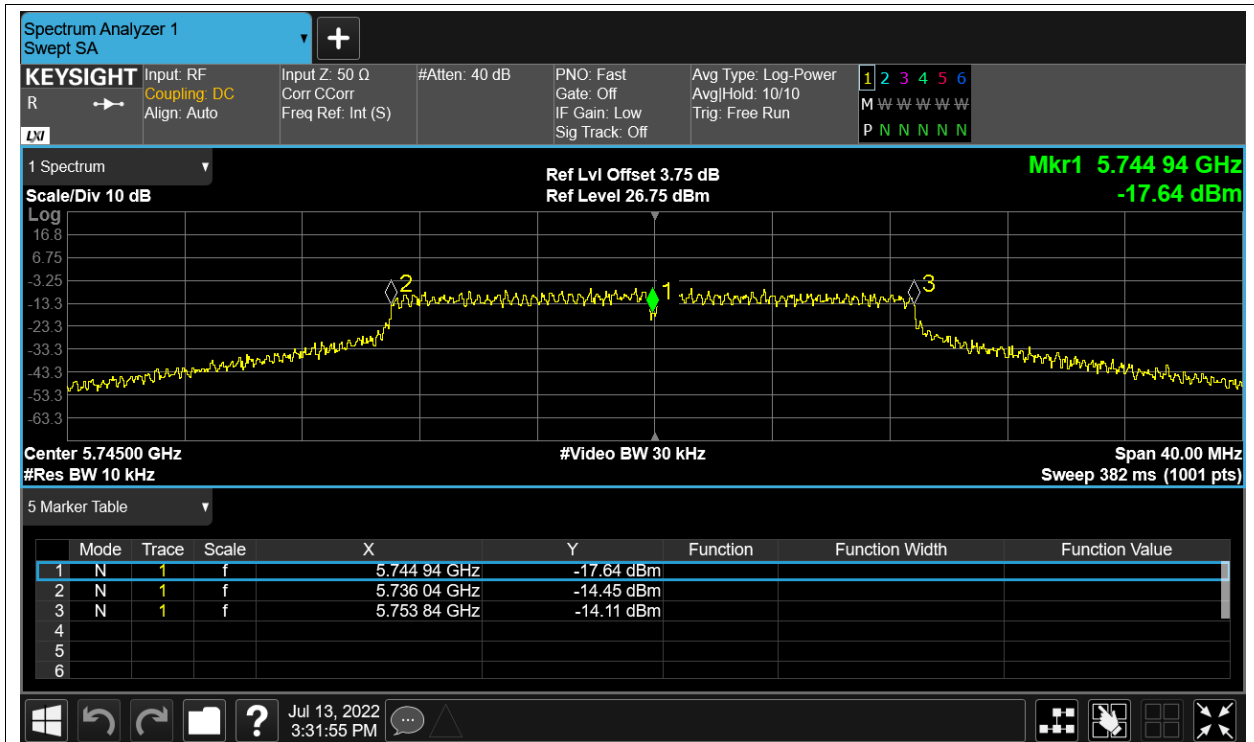
Freq. Stability NVNT a 5745MHz Ant1



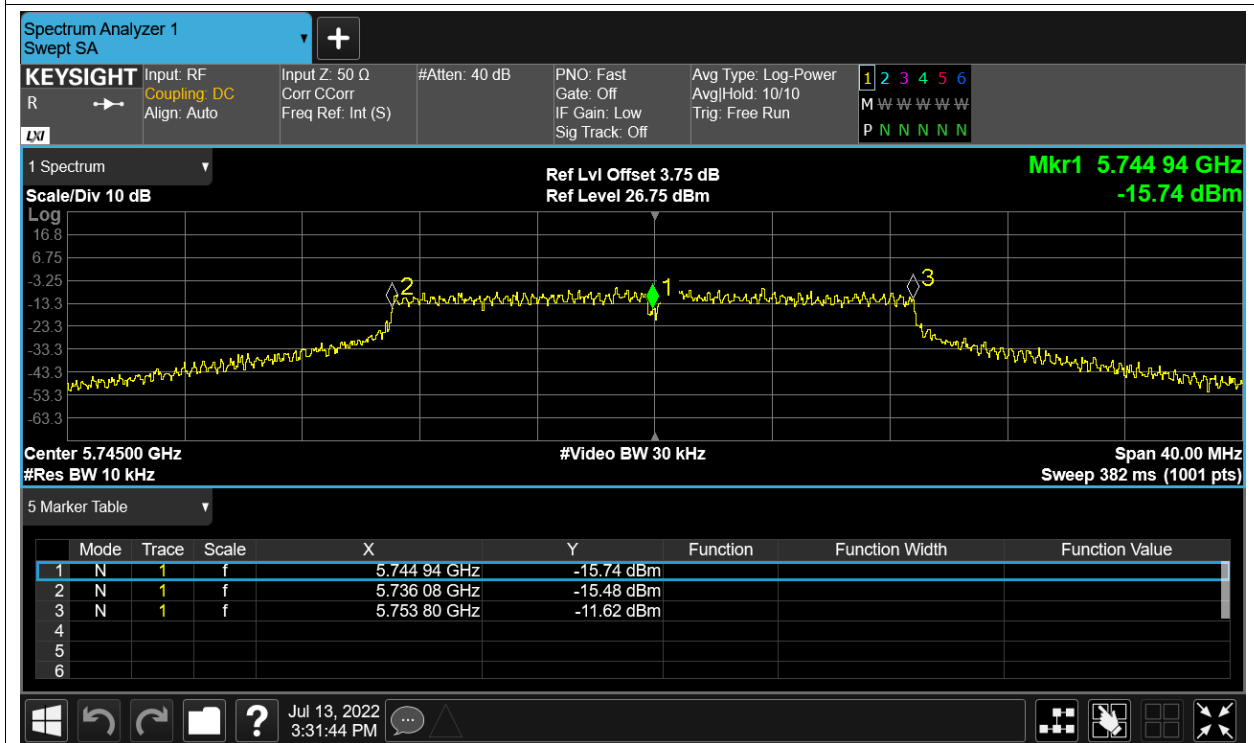
Freq. Stability NVNT a 5745MHz Ant2



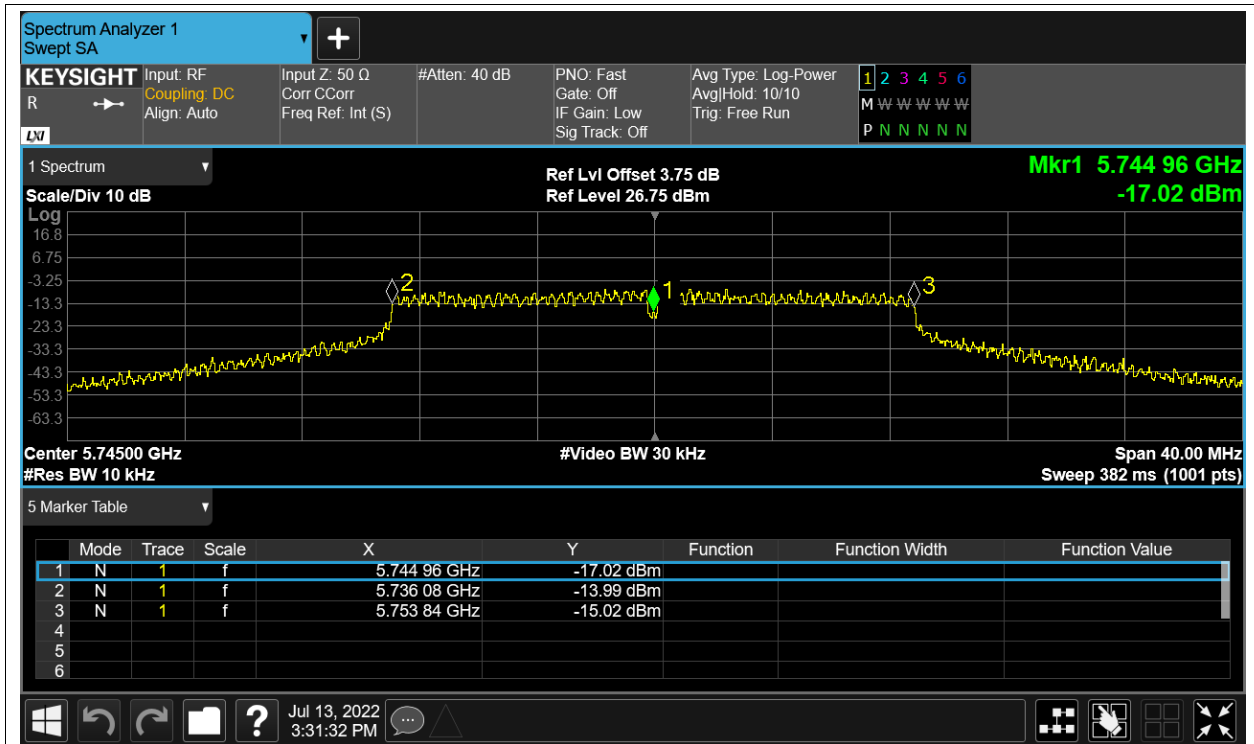
Freq. Stability HVNT ac20 5745MHz Sum



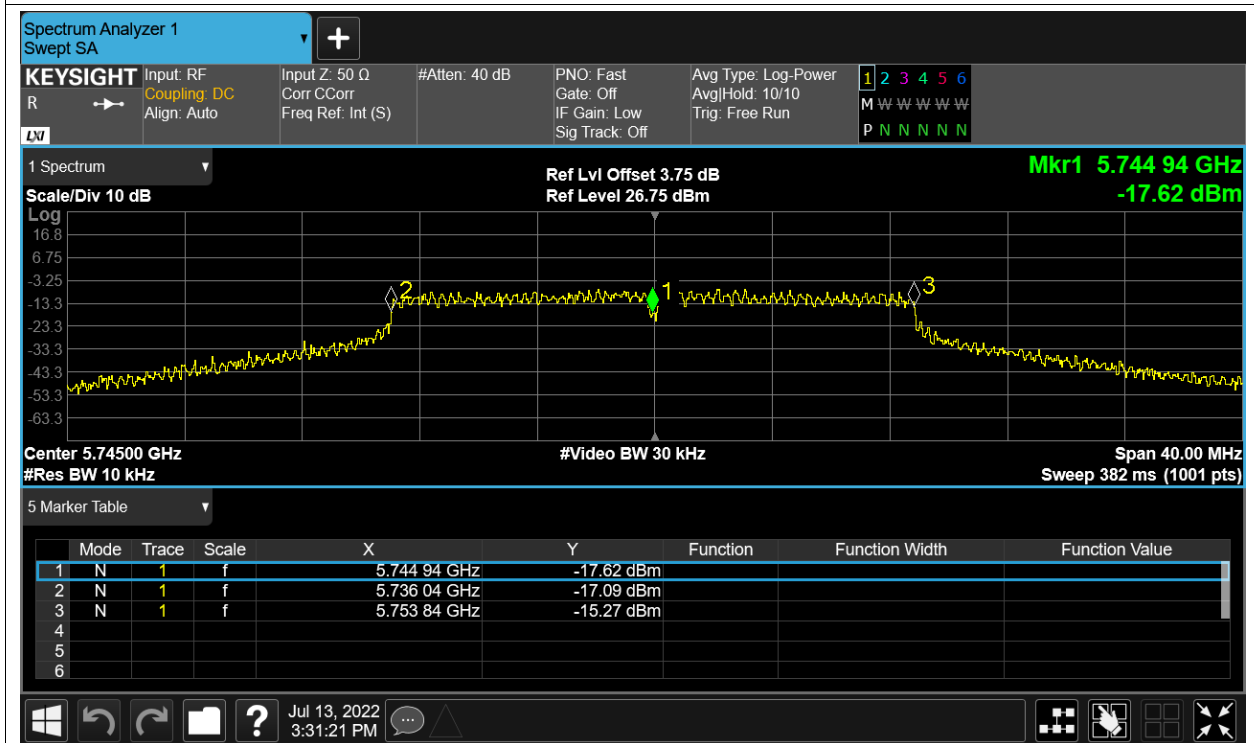
Freq. Stability LVNT ac20 5745MHz Sum



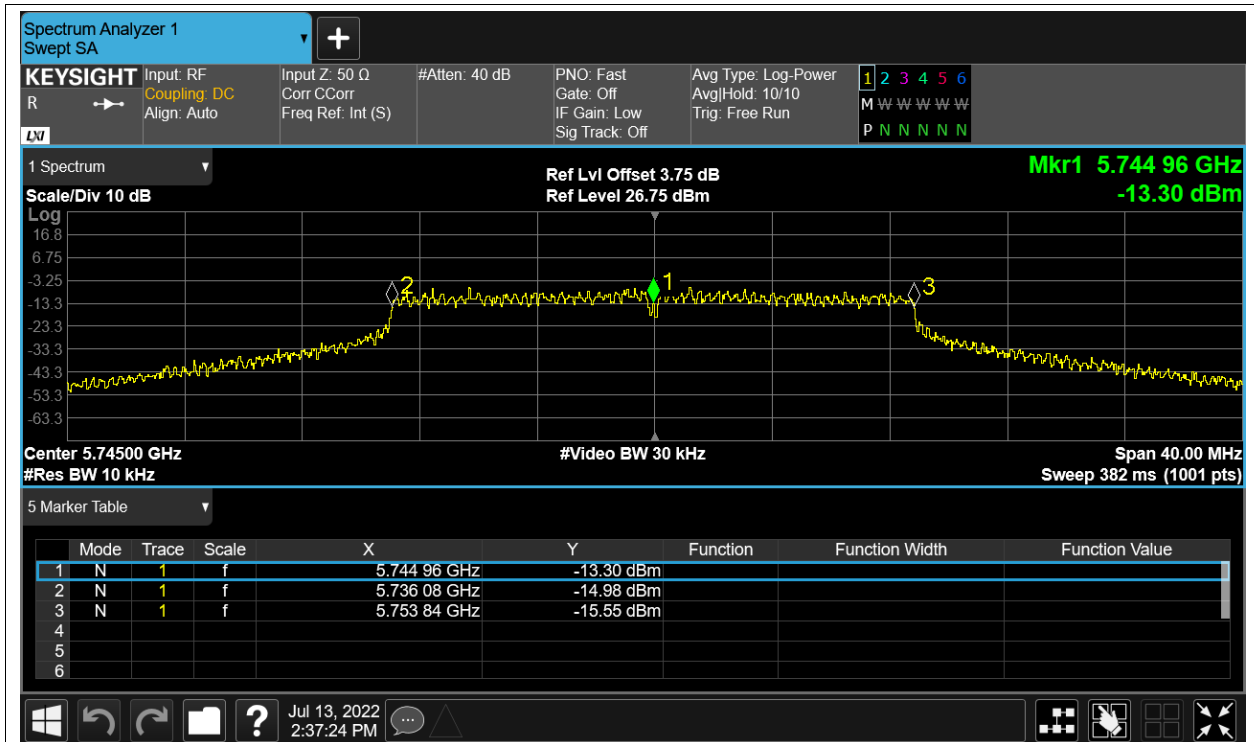
Freq. Stability NVHT ac20 5745MHz Sum



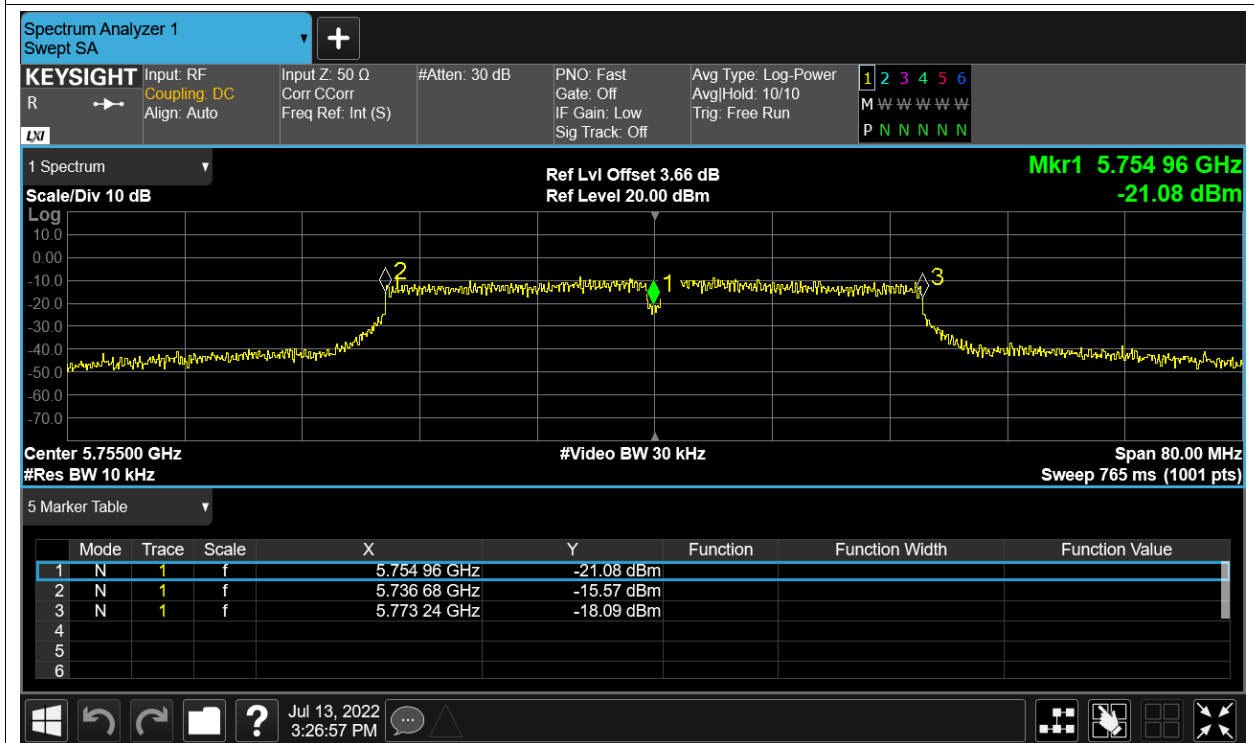
Freq. Stability NVLT ac20 5745MHz Sum



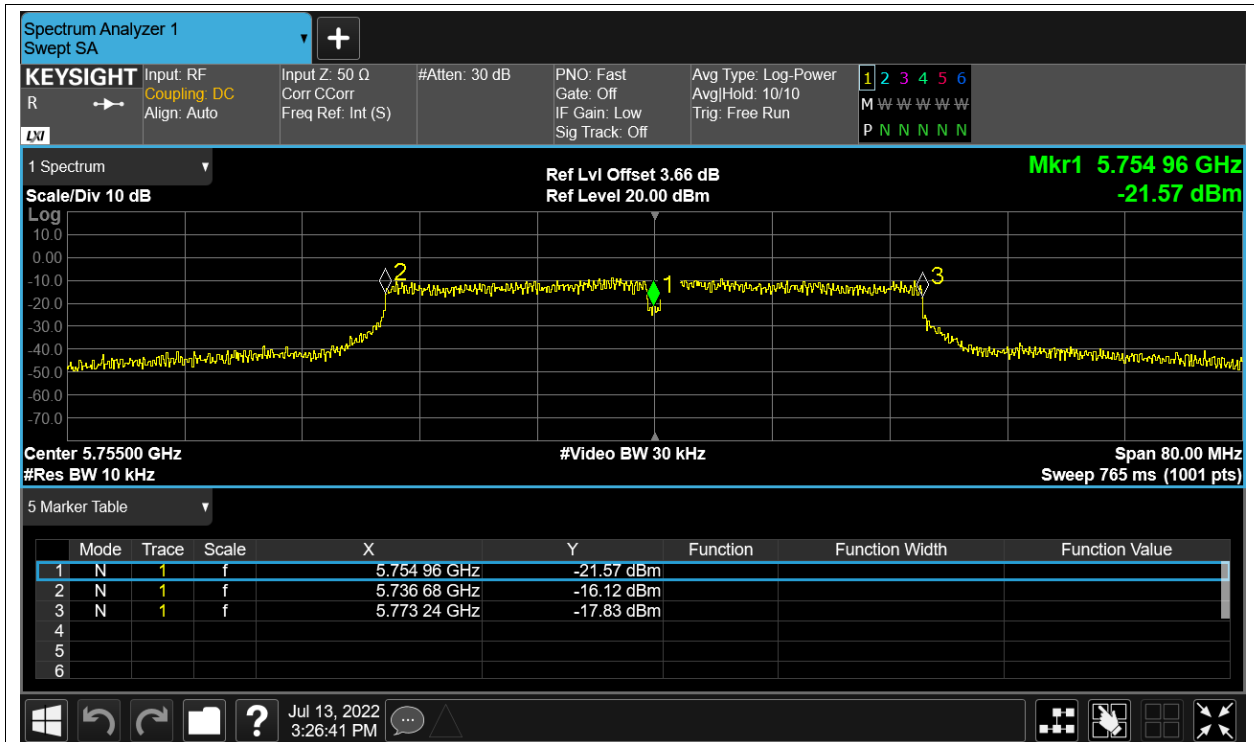
Freq. Stability NVNT ac20 5745MHz Sum



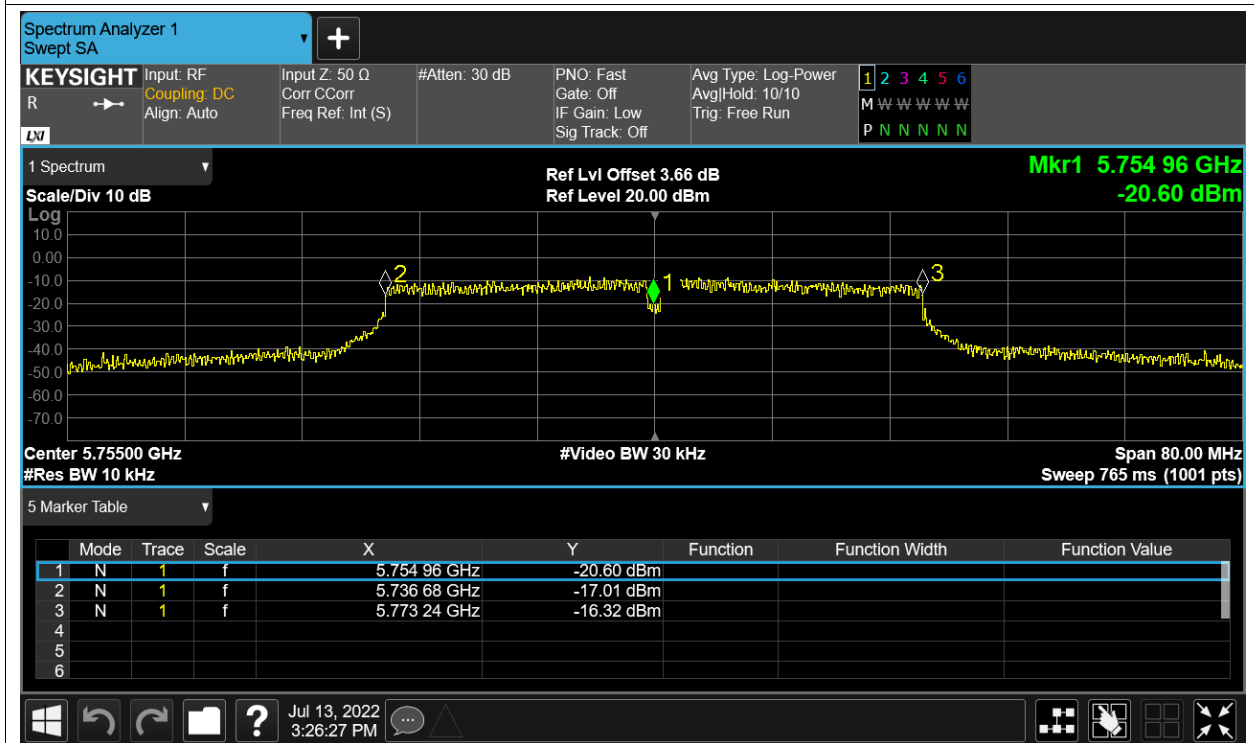
Freq. Stability HVNT ac40 5755MHz Sum



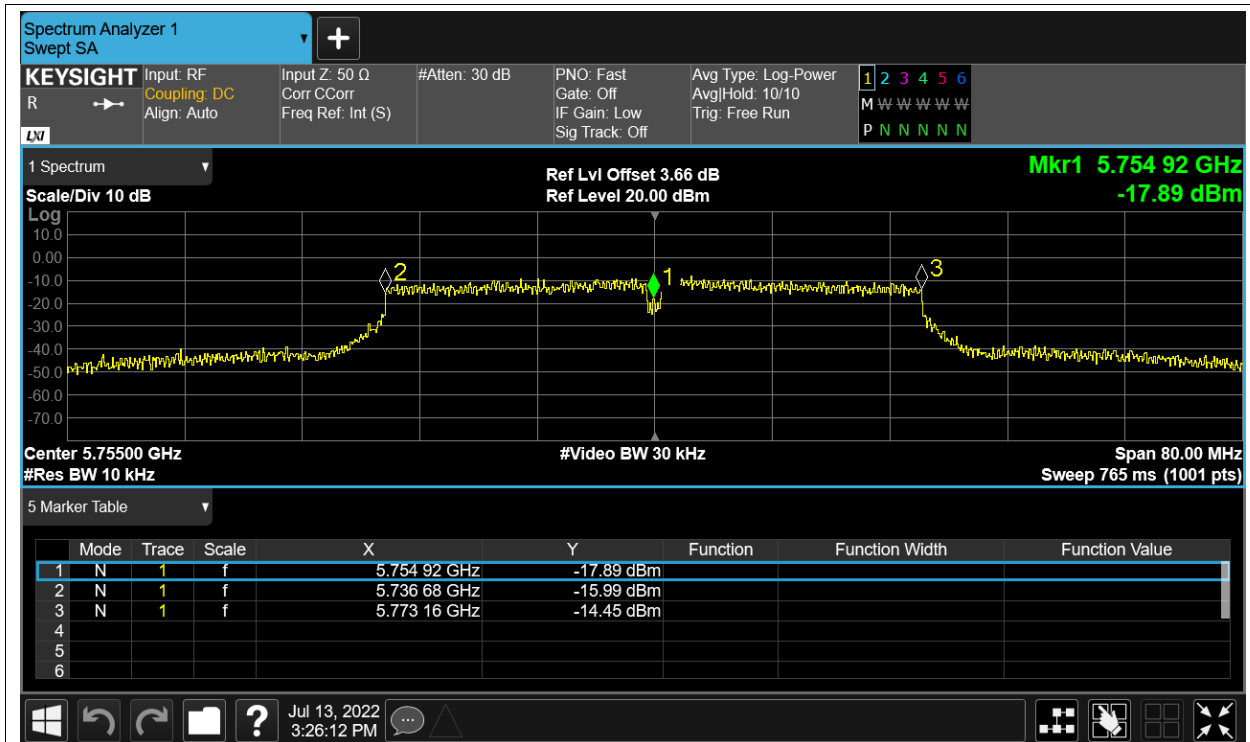
Freq. Stability LVNT ac40 5755MHz Sum



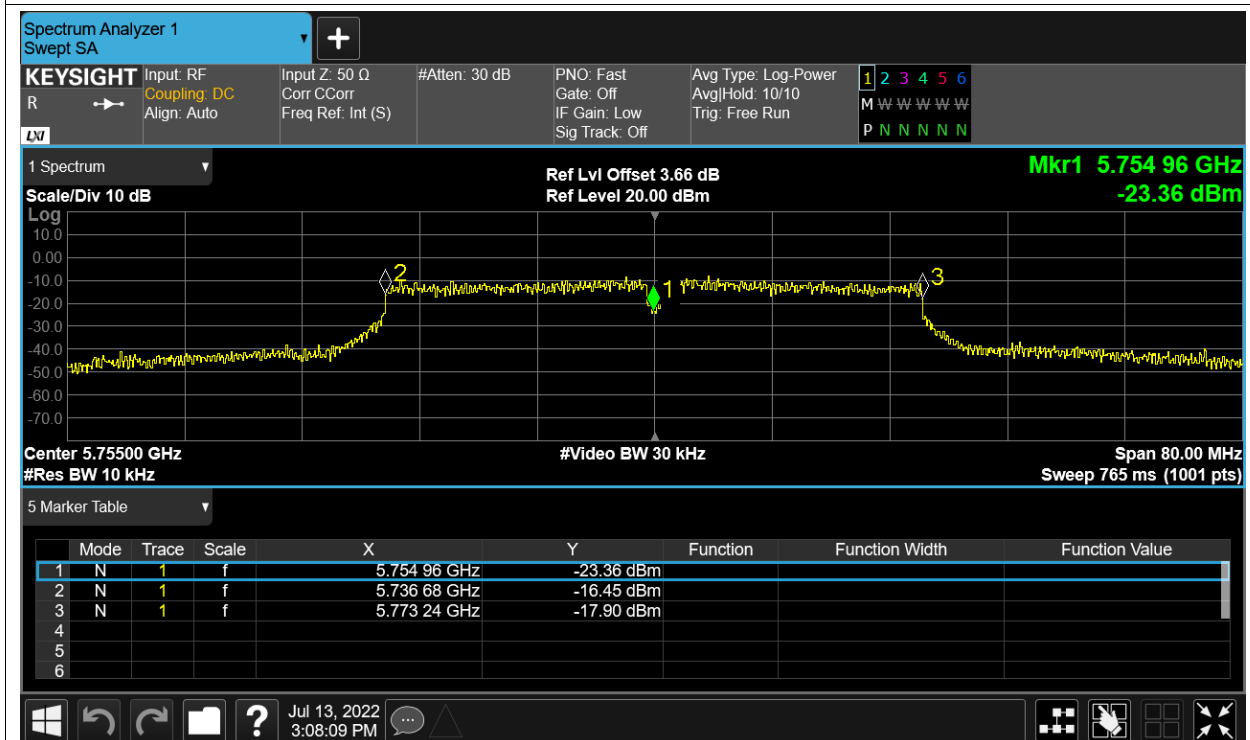
Freq. Stability NVHT ac40 5755MHz Sum



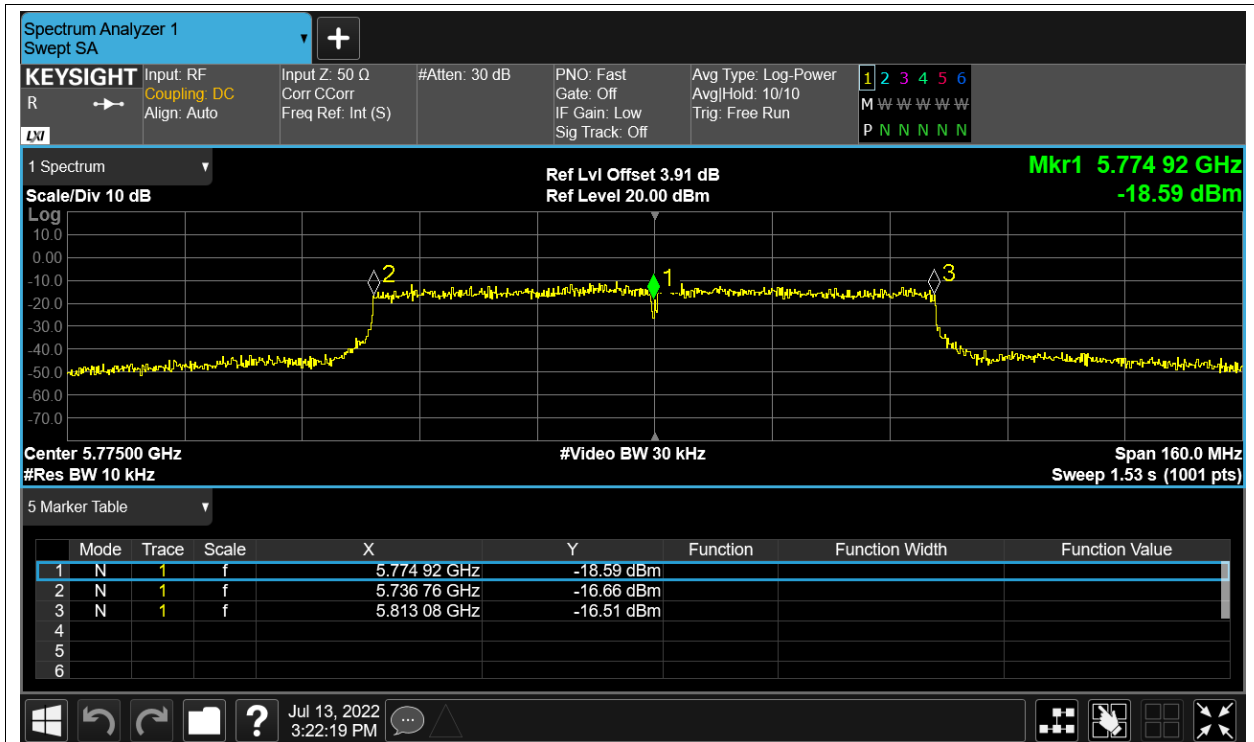
Freq. Stability NVLT ac40 5755MHz Sum



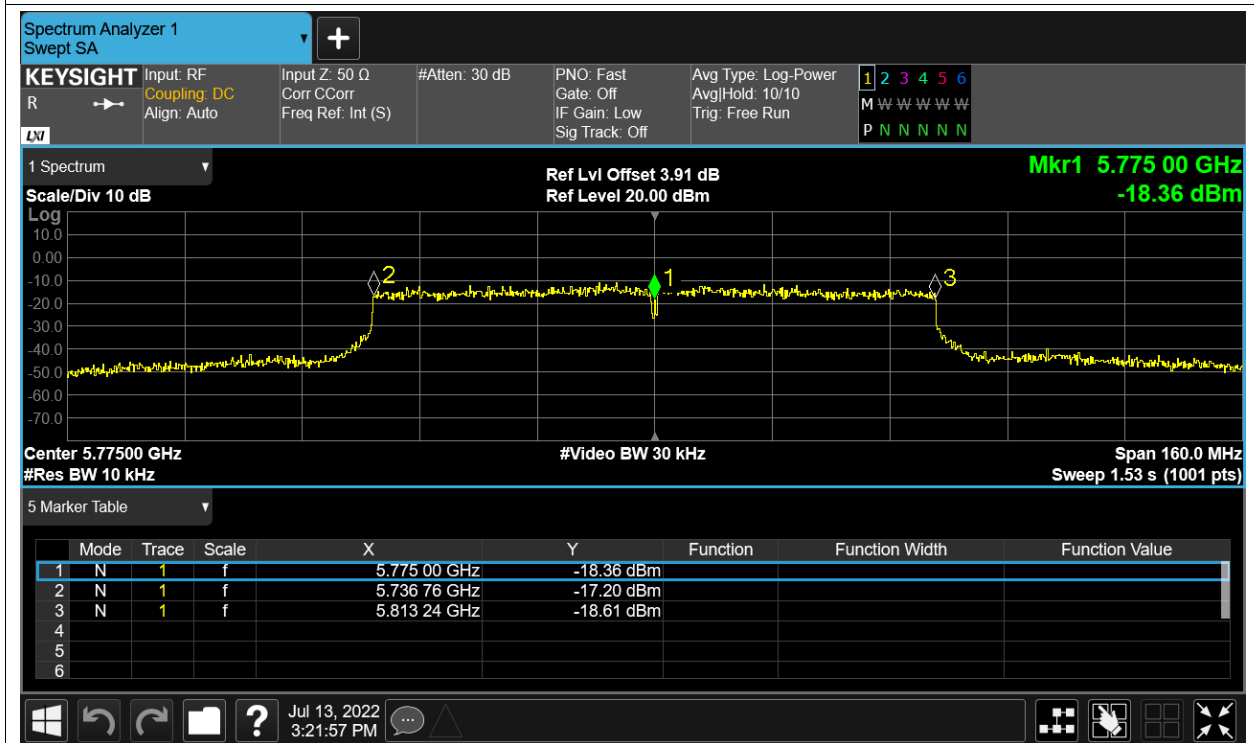
Freq. Stability NVNT ac40 5755MHz Sum



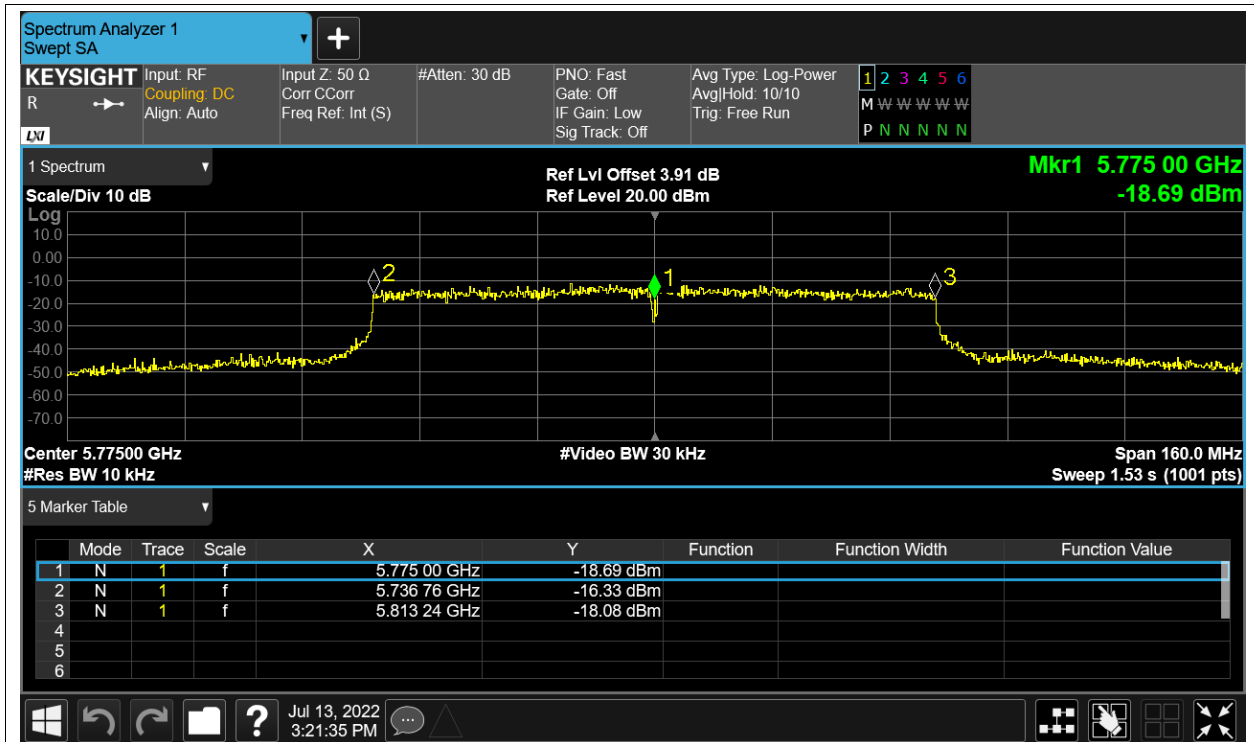
Freq. Stability HVNT ac80 5775MHz Sum



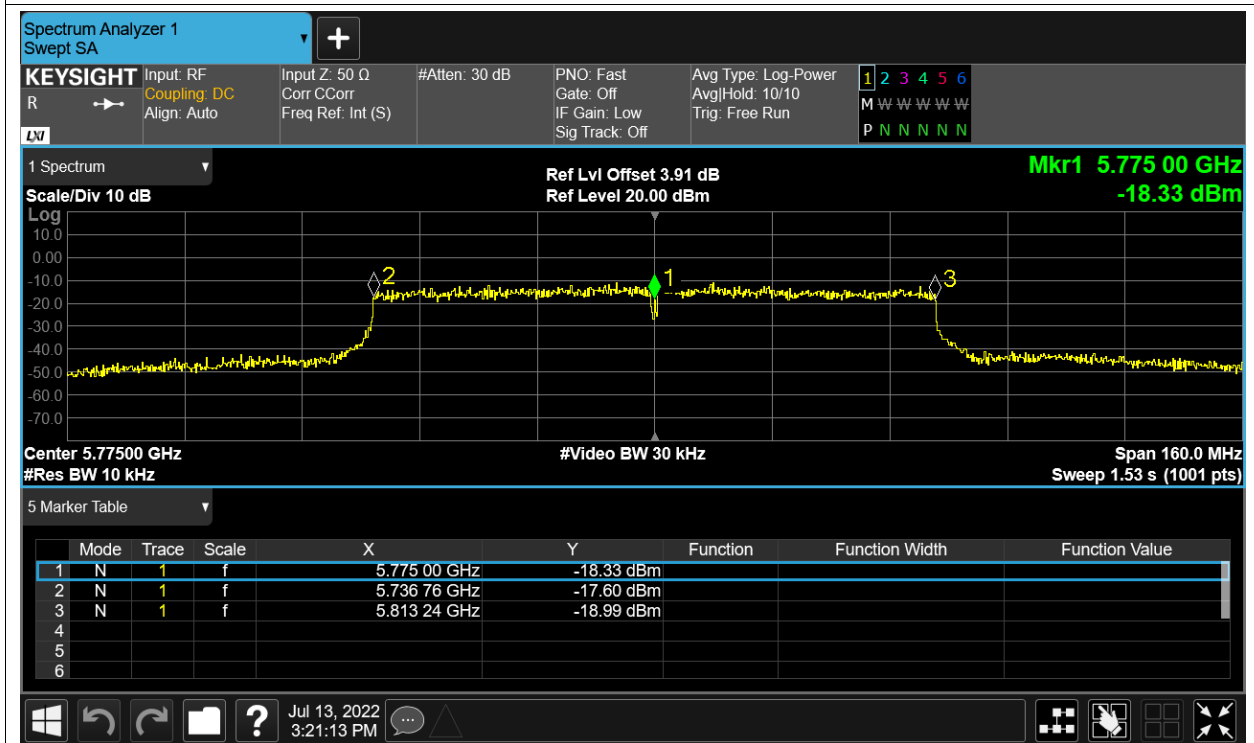
Freq. Stability LVNT ac80 5775MHz Sum



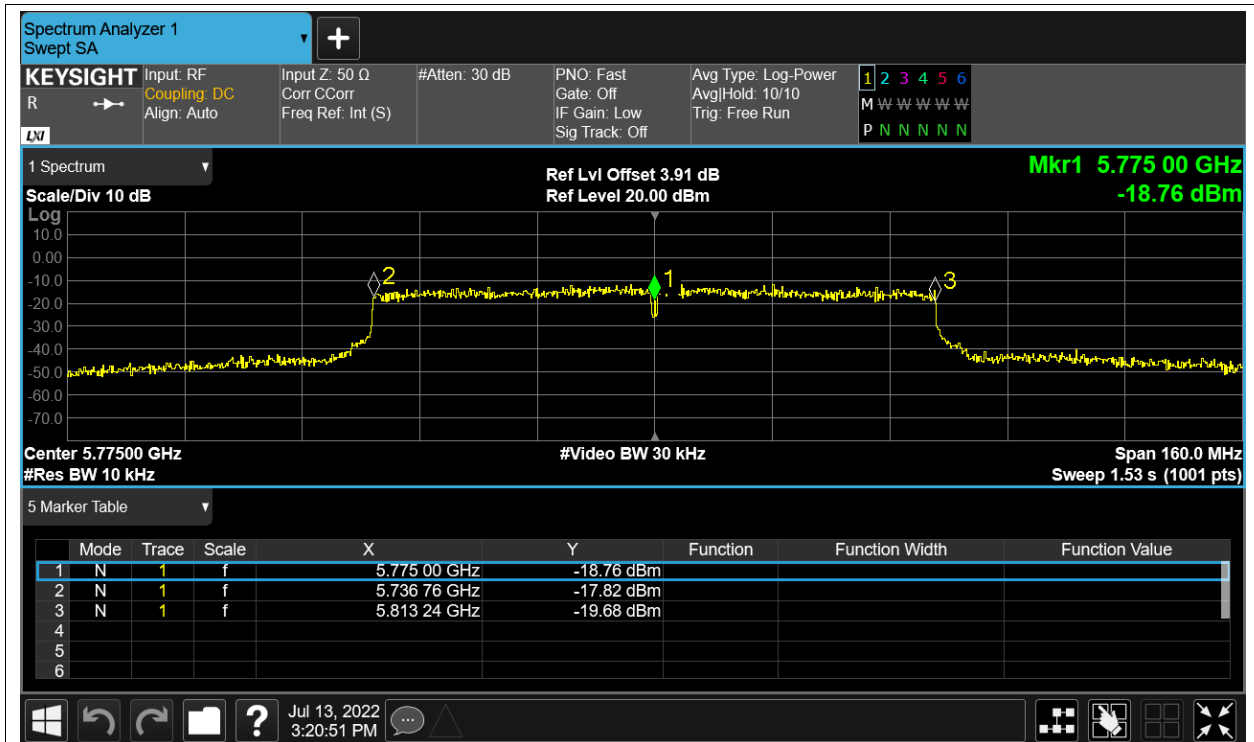
Freq. Stability NVHT ac80 5775MHz Sum



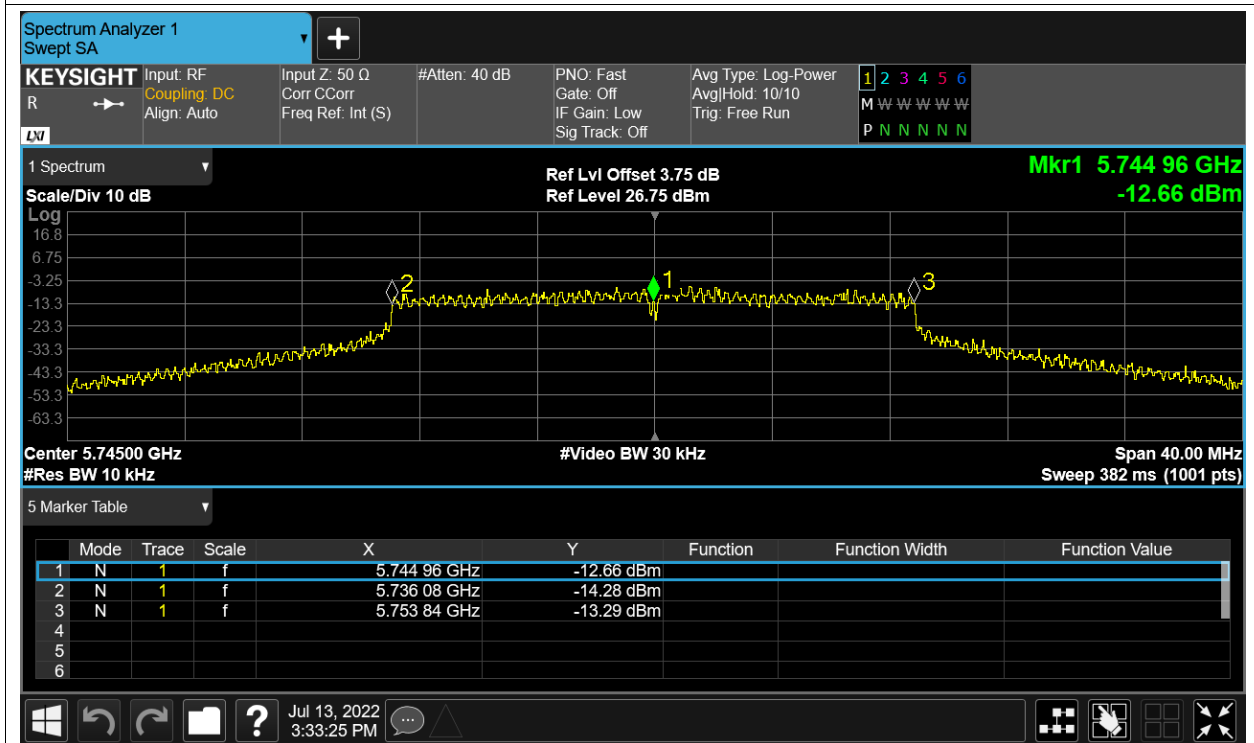
Freq. Stability NVLT ac80 5775MHz Sum



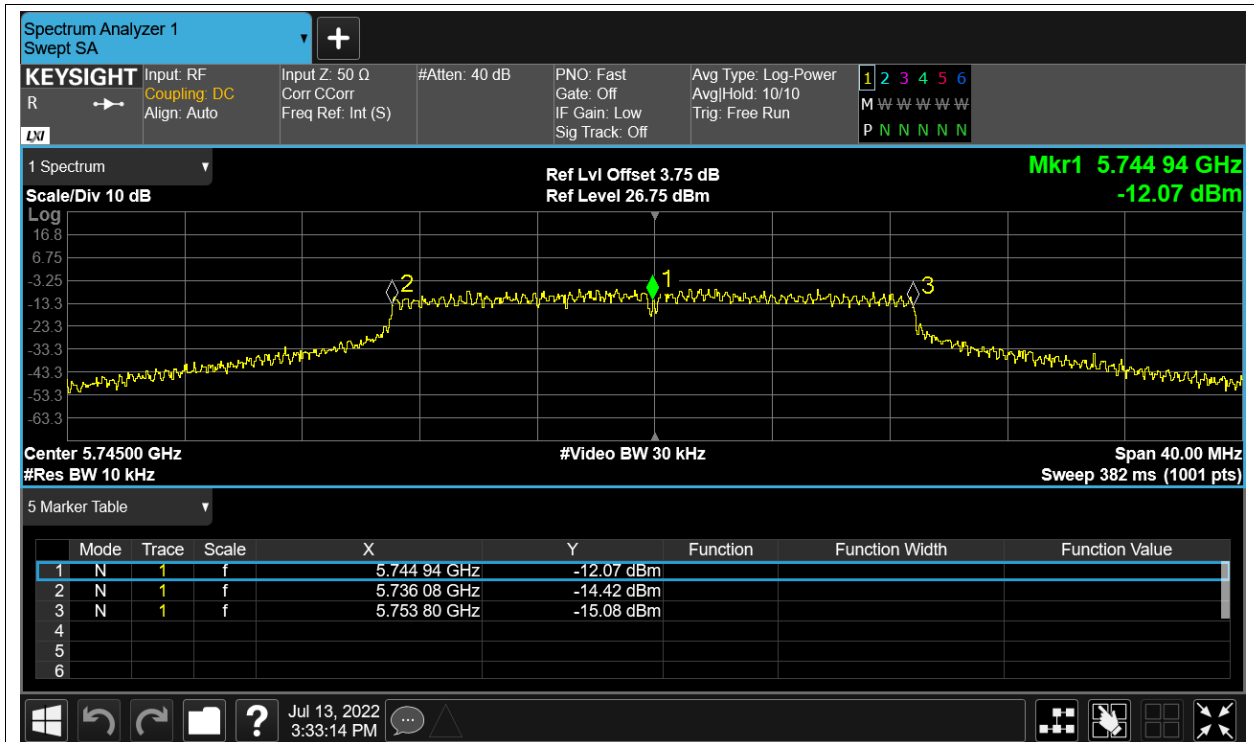
Freq. Stability NVNT ac80 5775MHz Sum



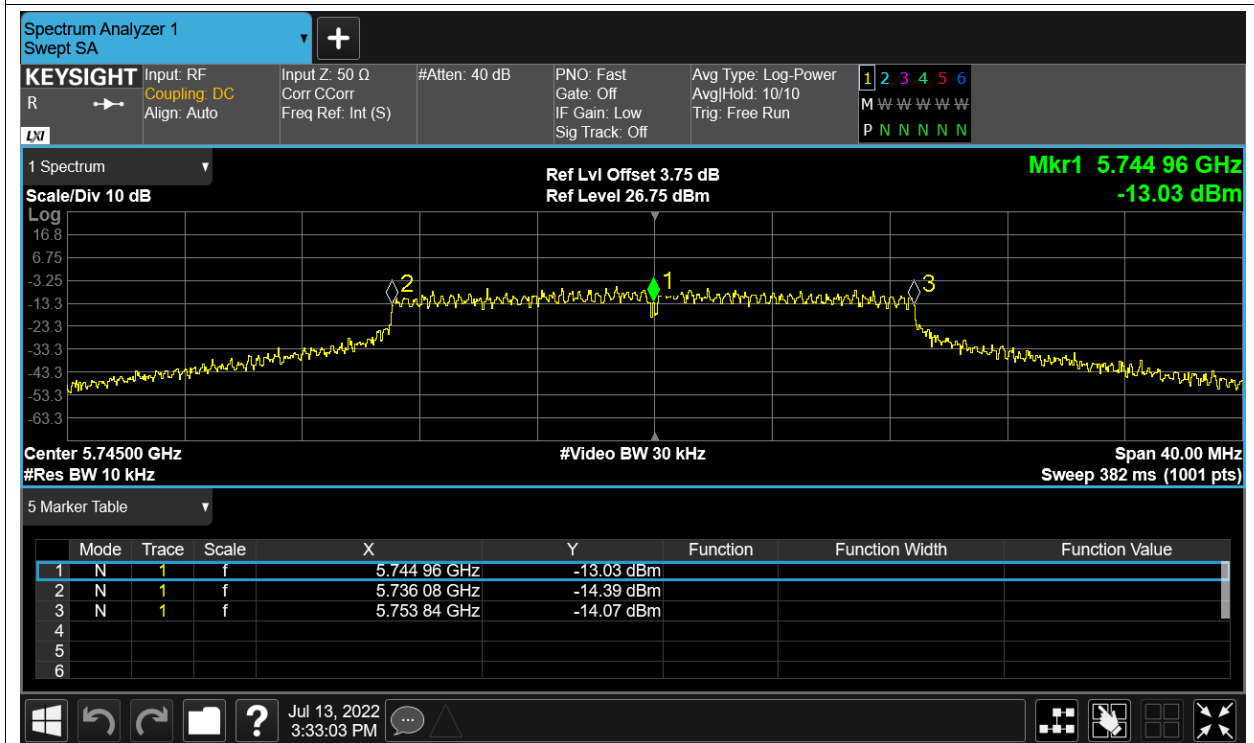
Freq. Stability HVNT n20 5745MHz Sum



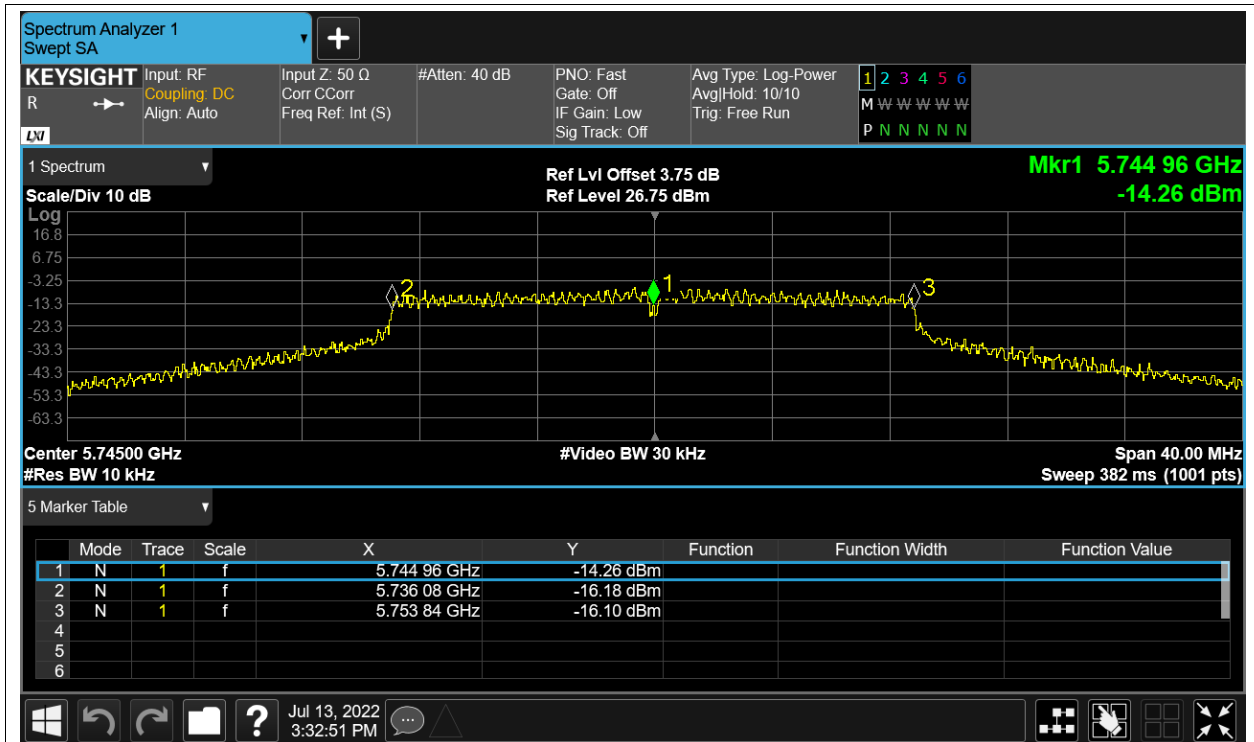
Freq. Stability LVNT n20 5745MHz Sum



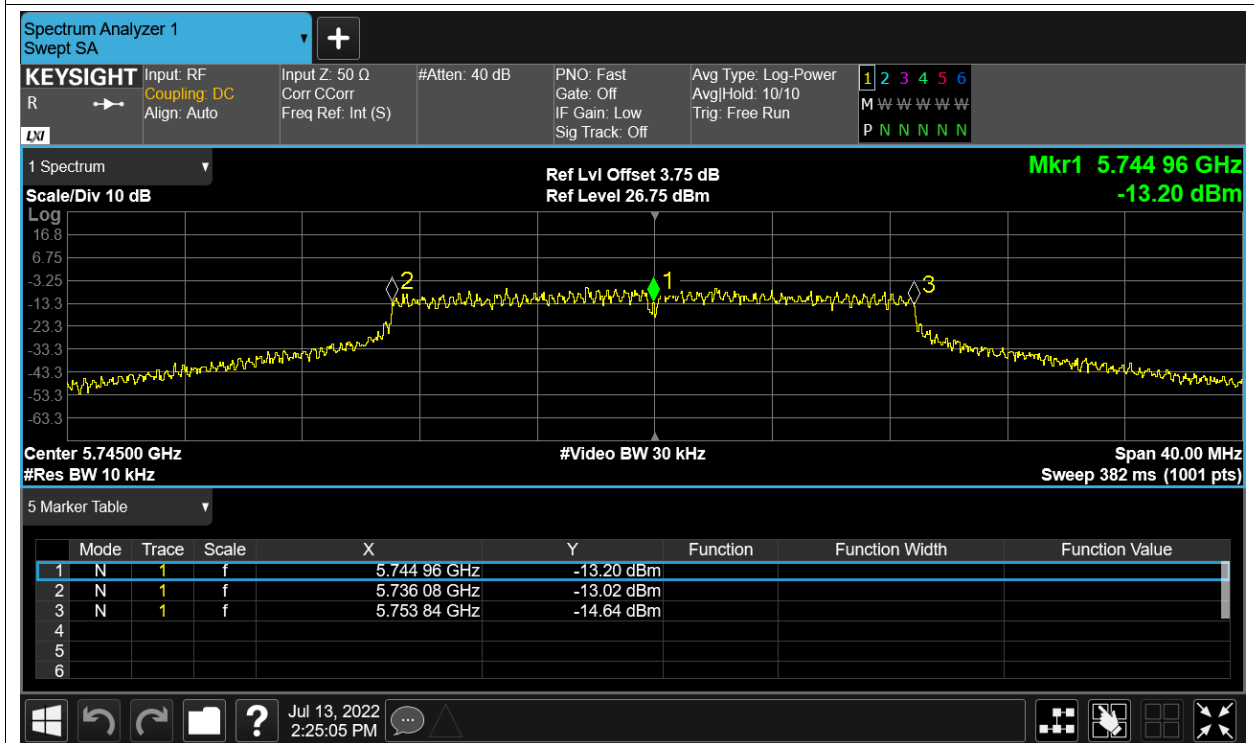
Freq. Stability NVHT n20 5745MHz Sum



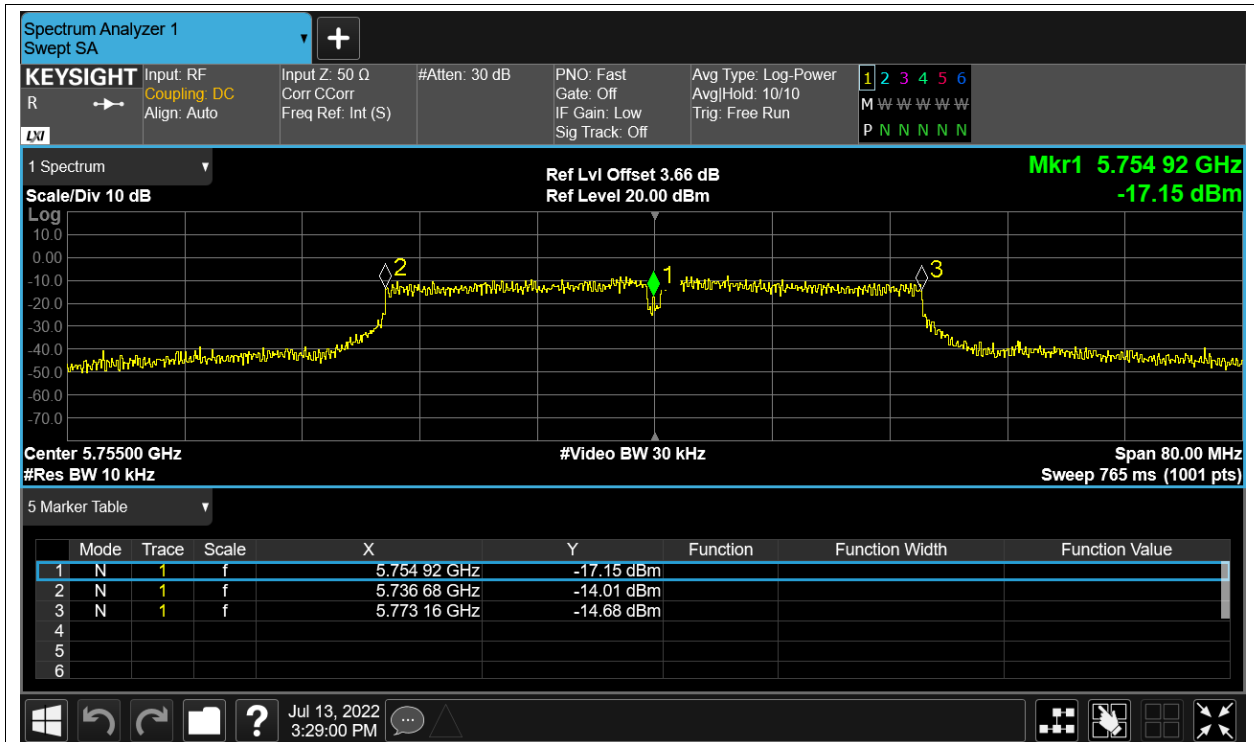
Freq. Stability NVLT n20 5745MHz Sum



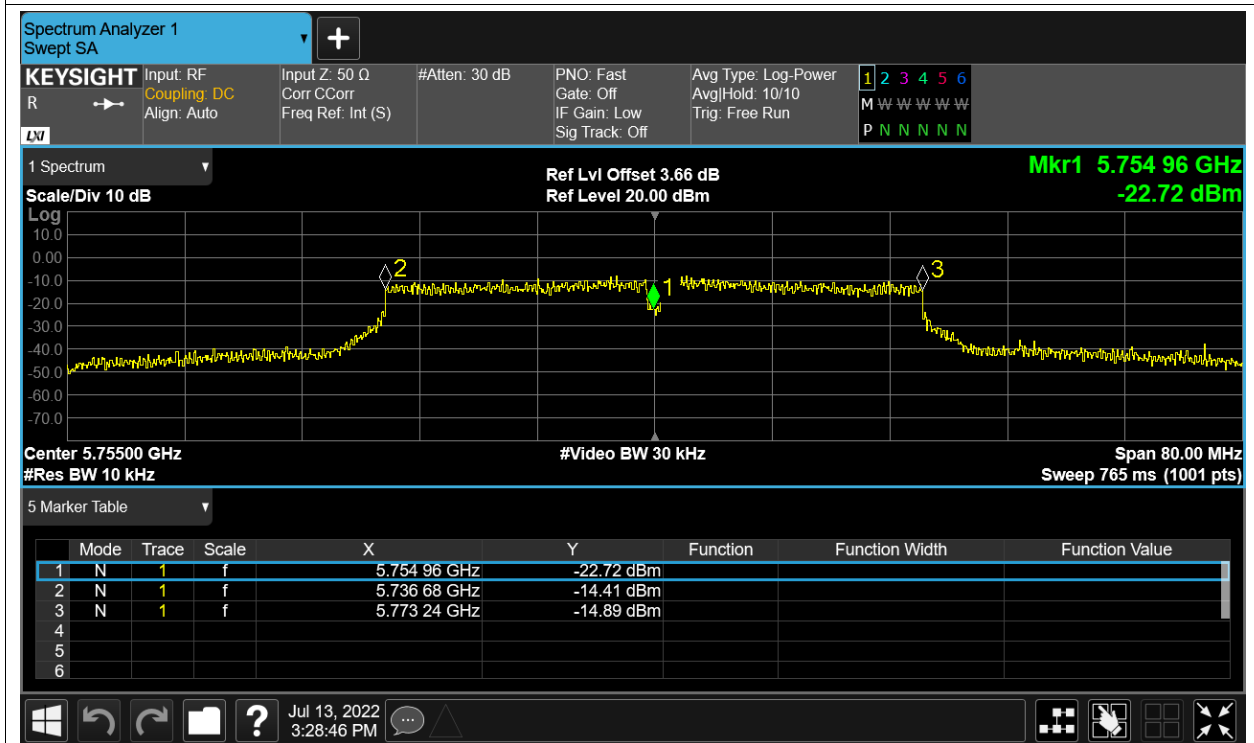
Freq. Stability NVNT n20 5745MHz Sum



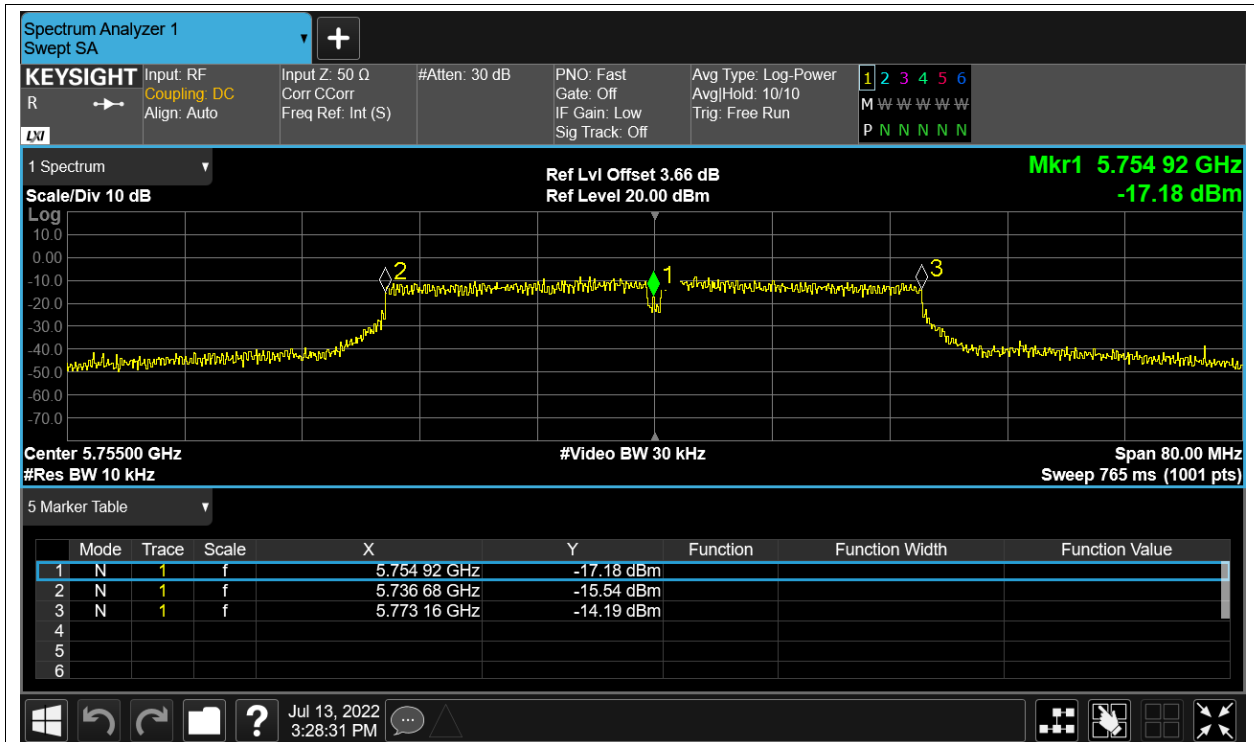
Freq. Stability HVNT n40 5755MHz Sum



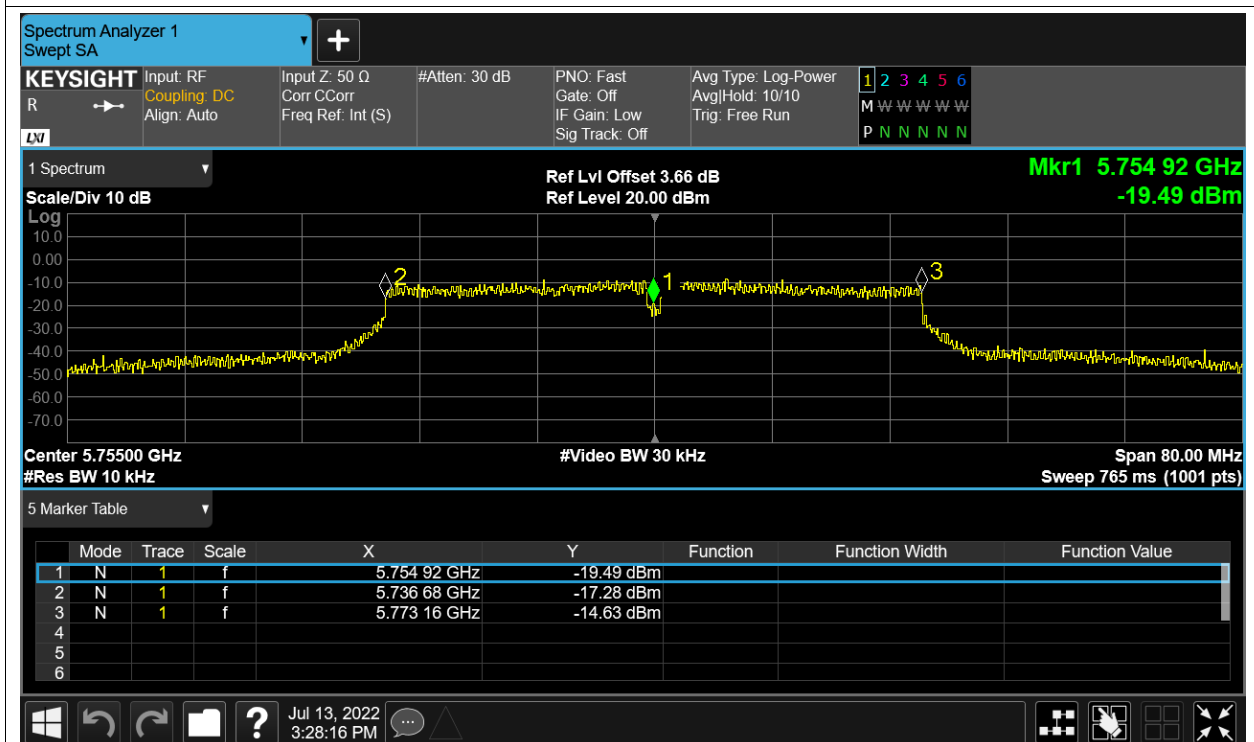
Freq. Stability LVNT n40 5755MHz Sum



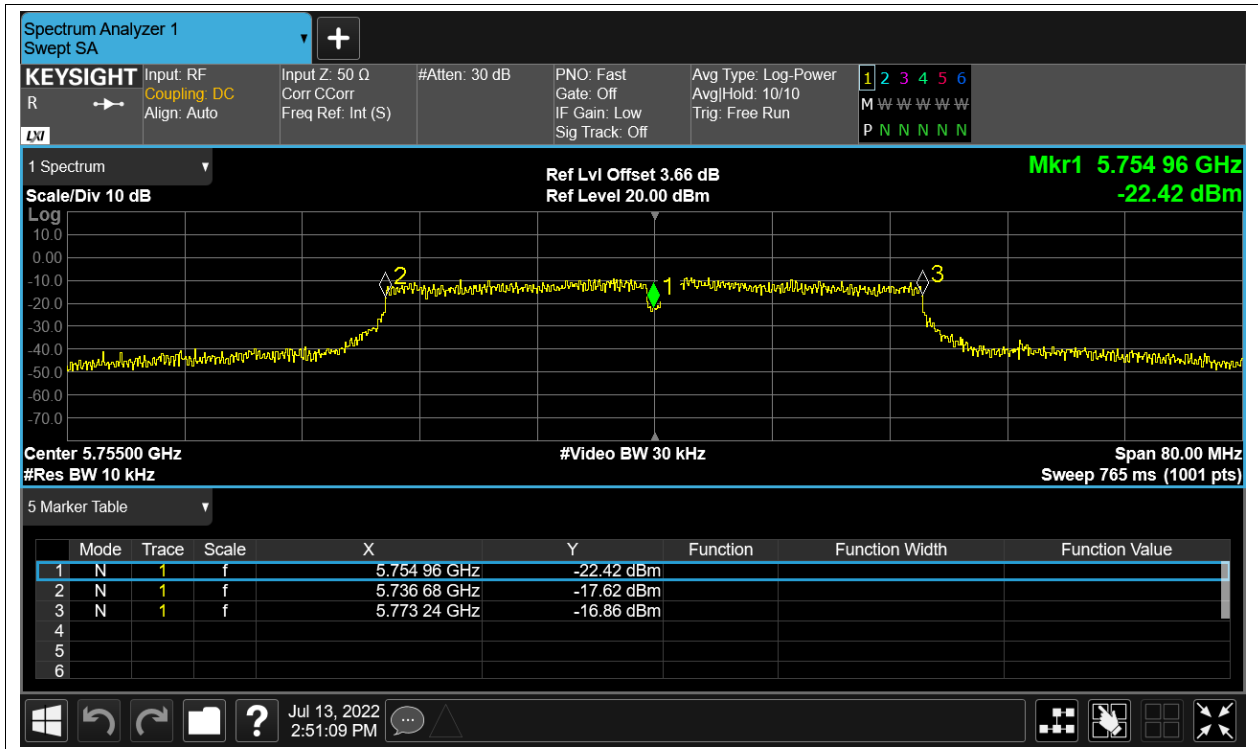
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

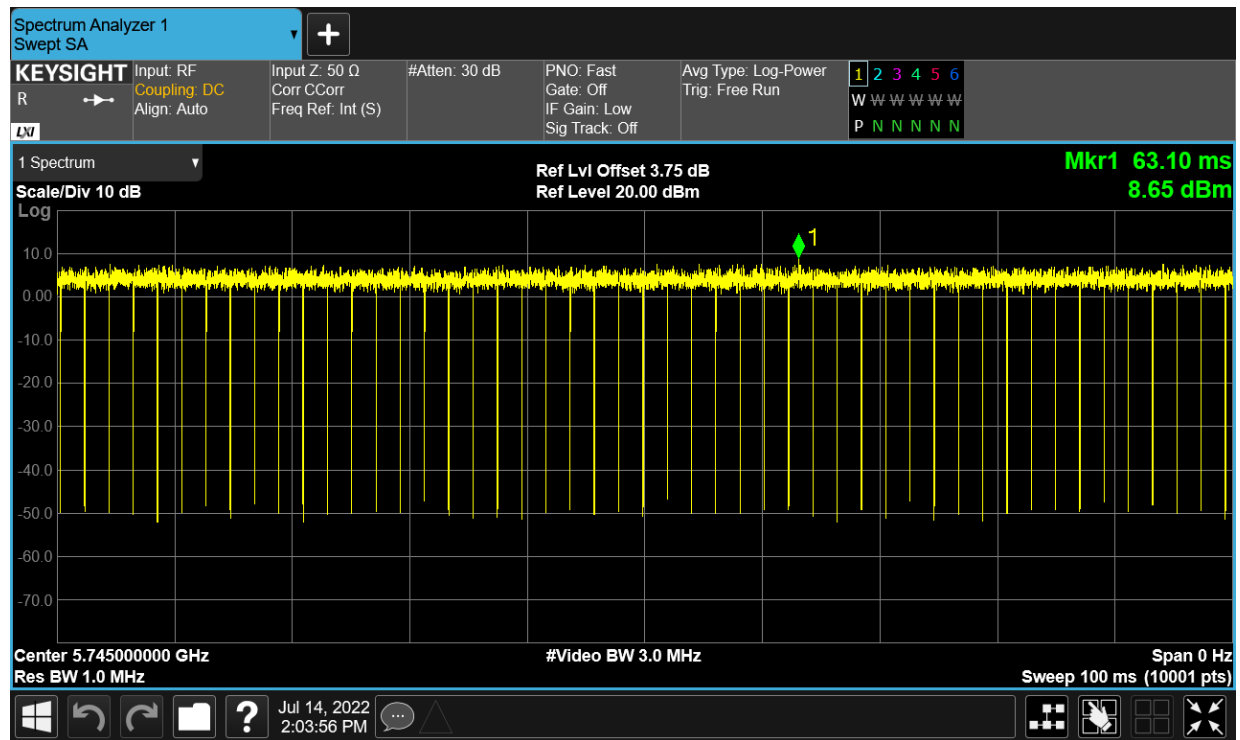


Duty Cycle

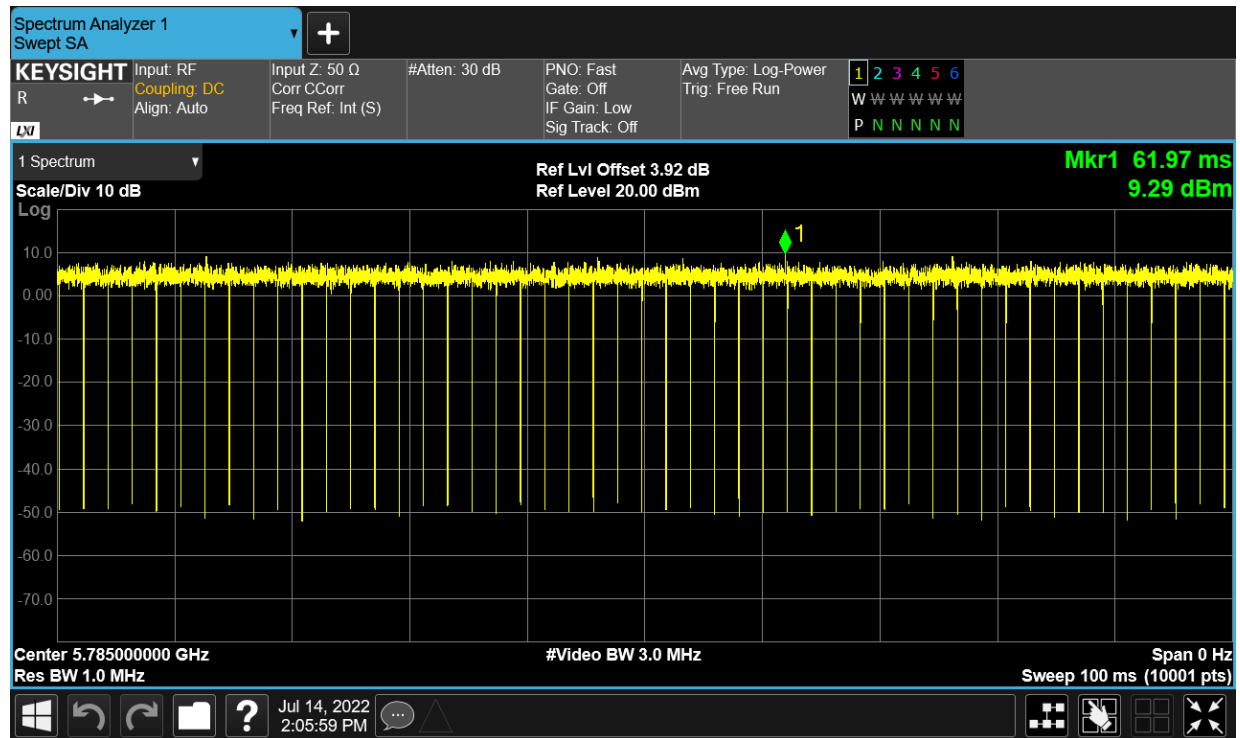
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	98.77	0.05
NVNT	a	5785	Ant1	98.77	0.05
NVNT	a	5825	Ant1	98.78	0.05
NVNT	a	5745	Ant2	98.78	0.05
NVNT	a	5785	Ant2	98.8	0.05
NVNT	a	5825	Ant2	98.94	0.05
NVNT	ac20	5745	Sum	98.73	0.06
NVNT	ac20	5785	Sum	98.72	0.06
NVNT	ac20	5825	Sum	98.72	0.06
NVNT	ac40	5755	Sum	97.51	0.11
NVNT	ac40	5795	Sum	97.47	0.11
NVNT	ac80	5775	Sum	95.07	0.22
NVNT	n20	5745	Sum	98.7	0.06
NVNT	n20	5785	Sum	98.83	0.05
NVNT	n20	5825	Sum	98.7	0.06
NVNT	n40	5755	Sum	97.47	0.11
NVNT	n40	5795	Sum	97.49	0.11

Test Graphs

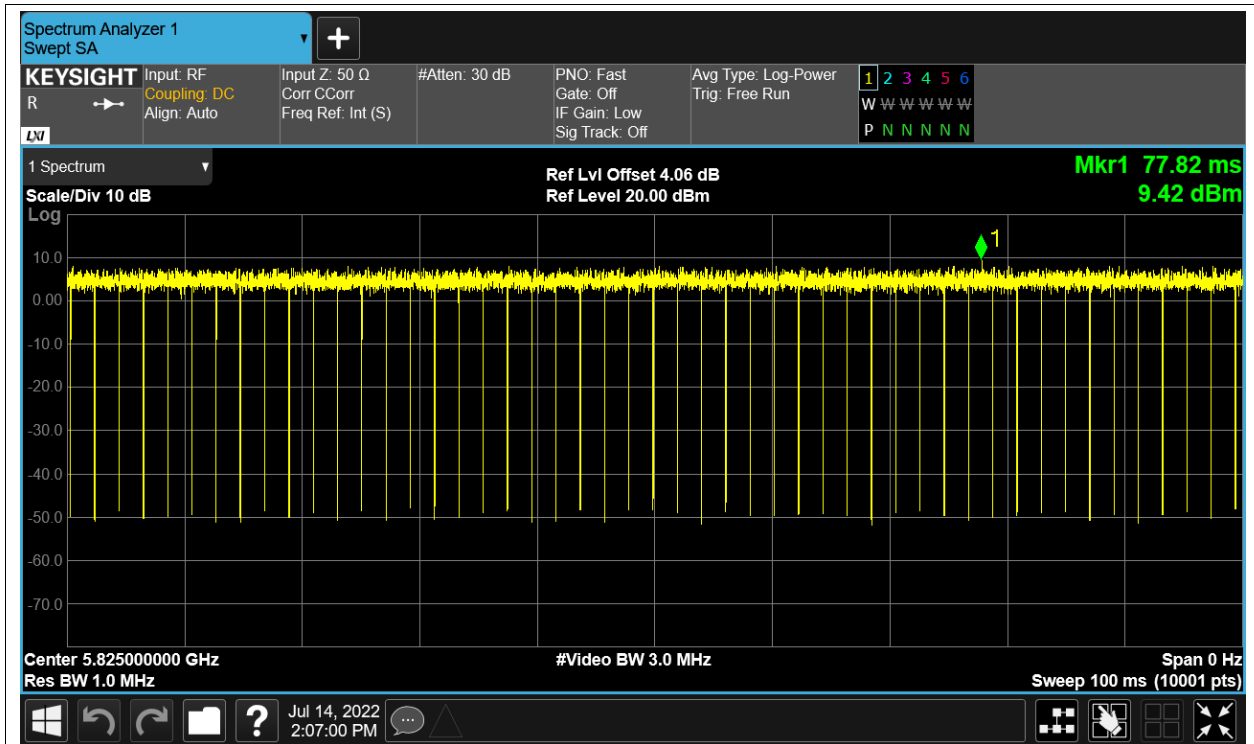
Duty Cycle NVNT a 5745MHz Ant1



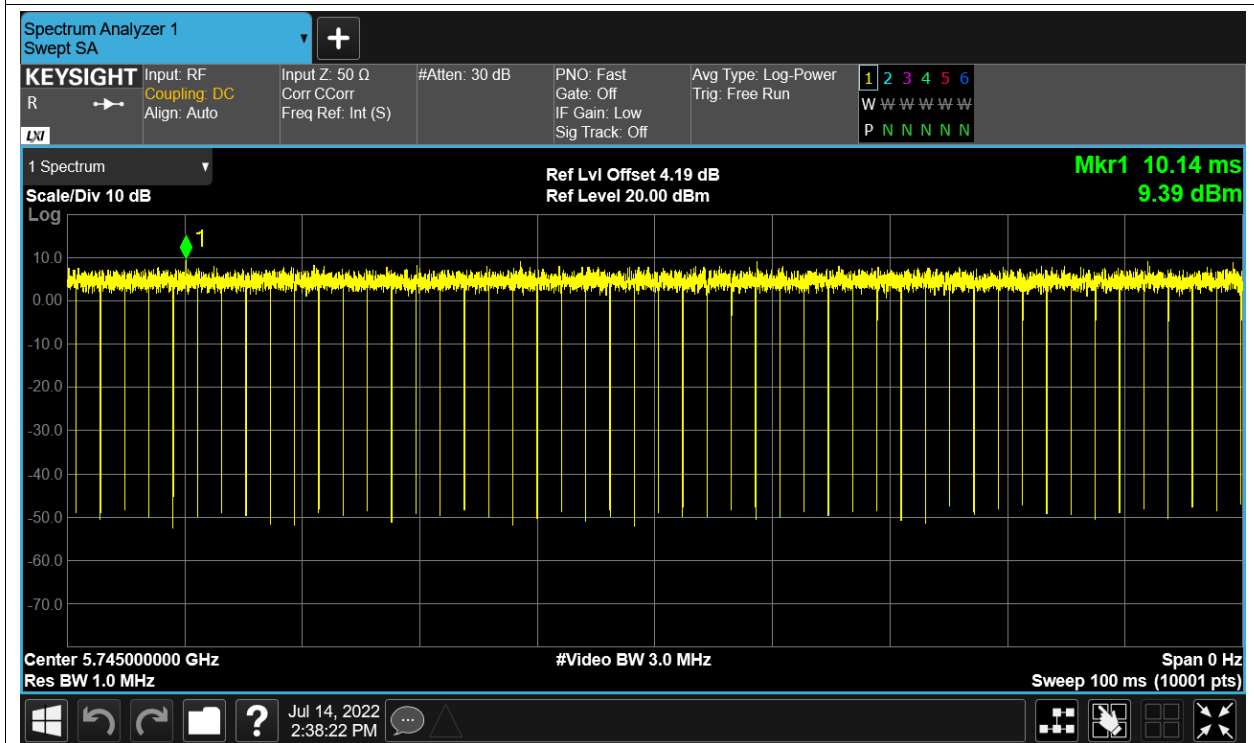
Duty Cycle NVNT a 5785MHz Ant1



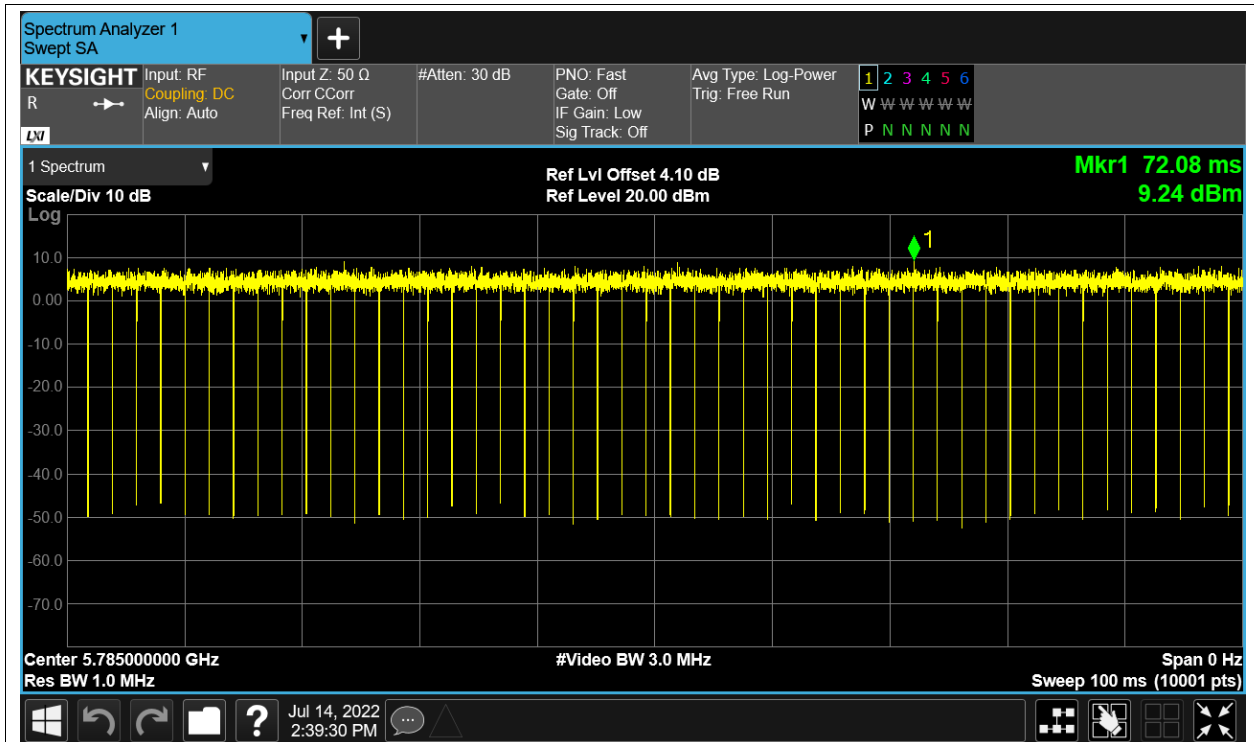
Duty Cycle NVNT a 5825MHz Ant1



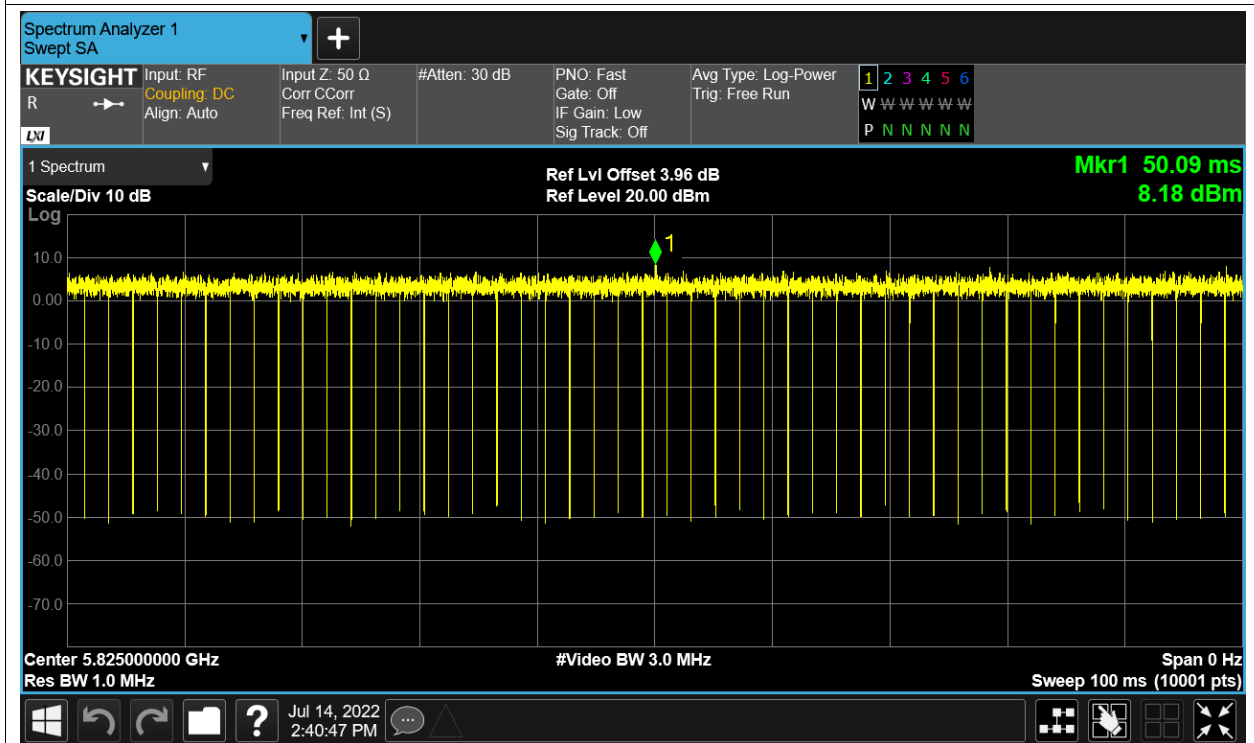
Duty Cycle NVNT a 5745MHz Ant2



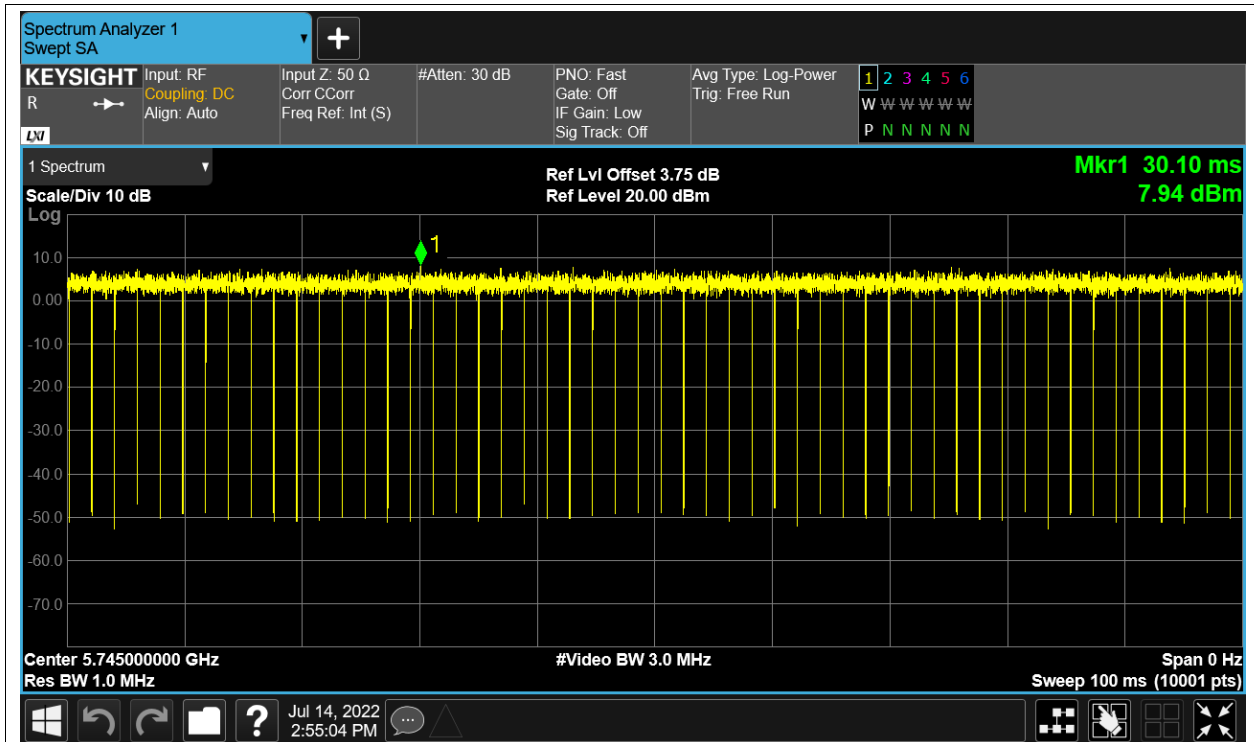
Duty Cycle NVNT a 5785MHz Ant2



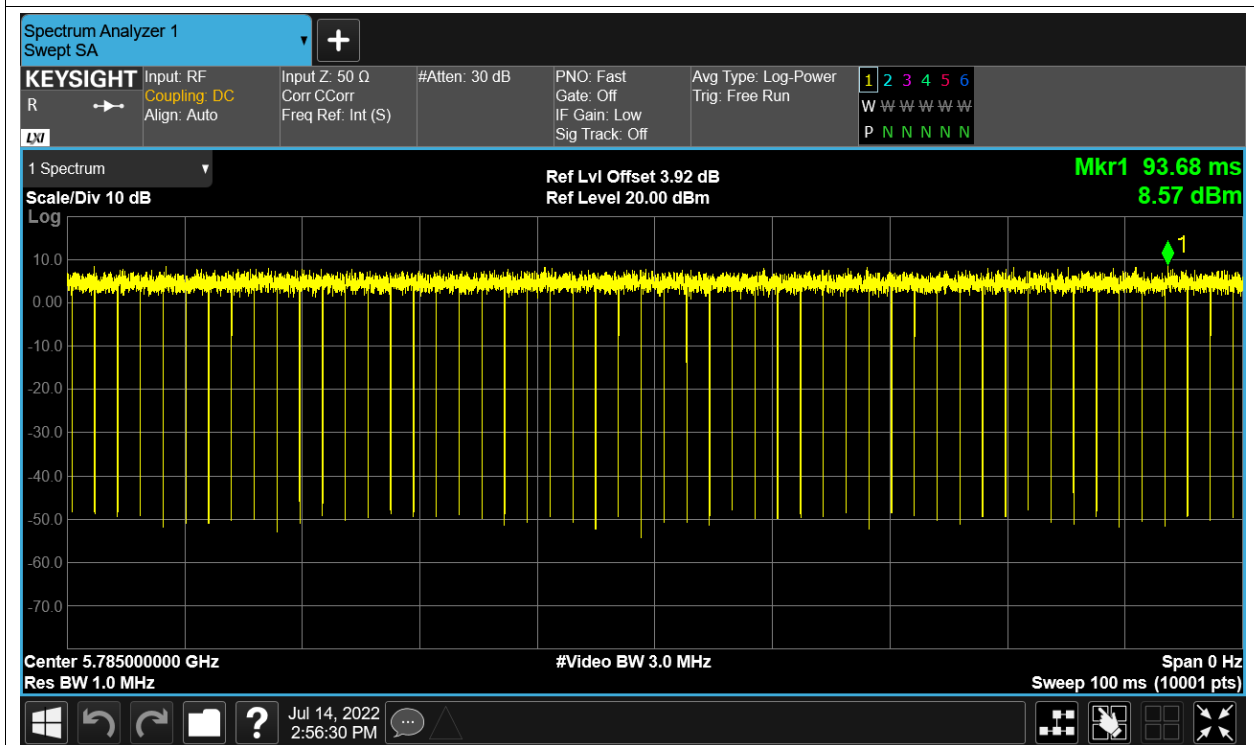
Duty Cycle NVNT a 5825MHz Ant2



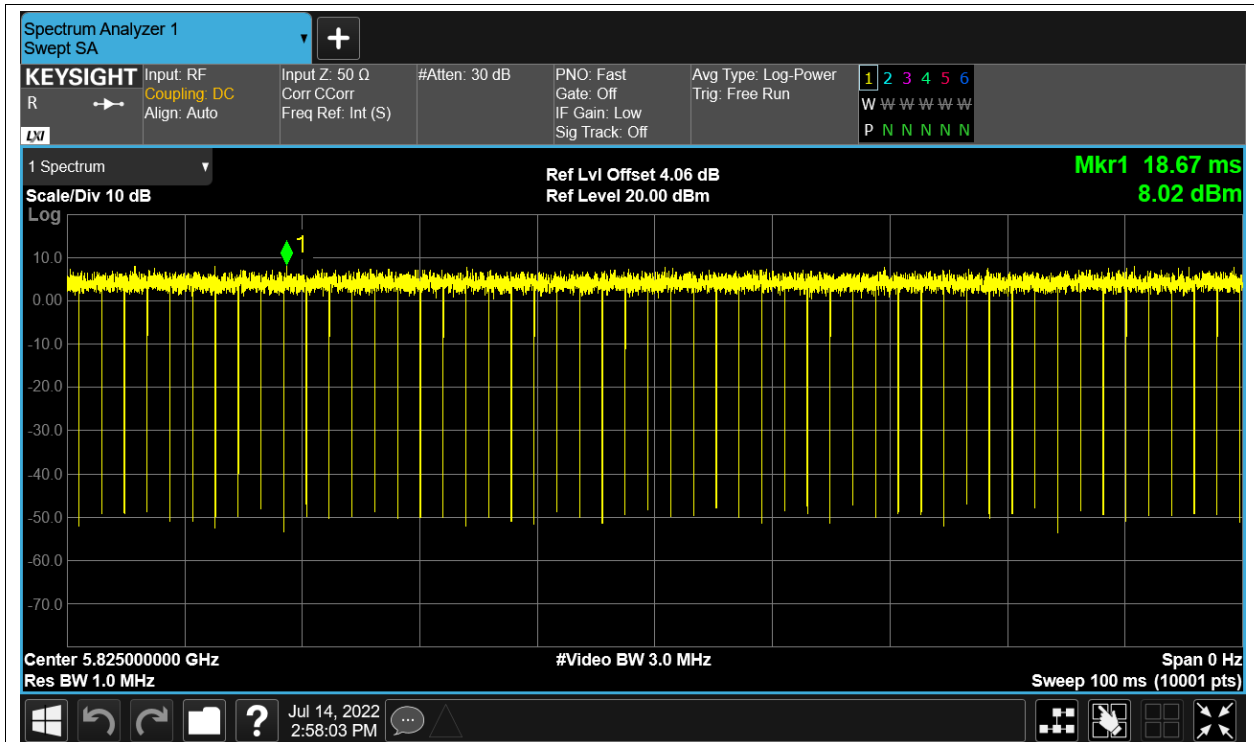
Duty Cycle NVNT ac20 5745MHz Sum



Duty Cycle NVNT ac20 5785MHz Sum



Duty Cycle NVNT ac20 5825MHz Sum



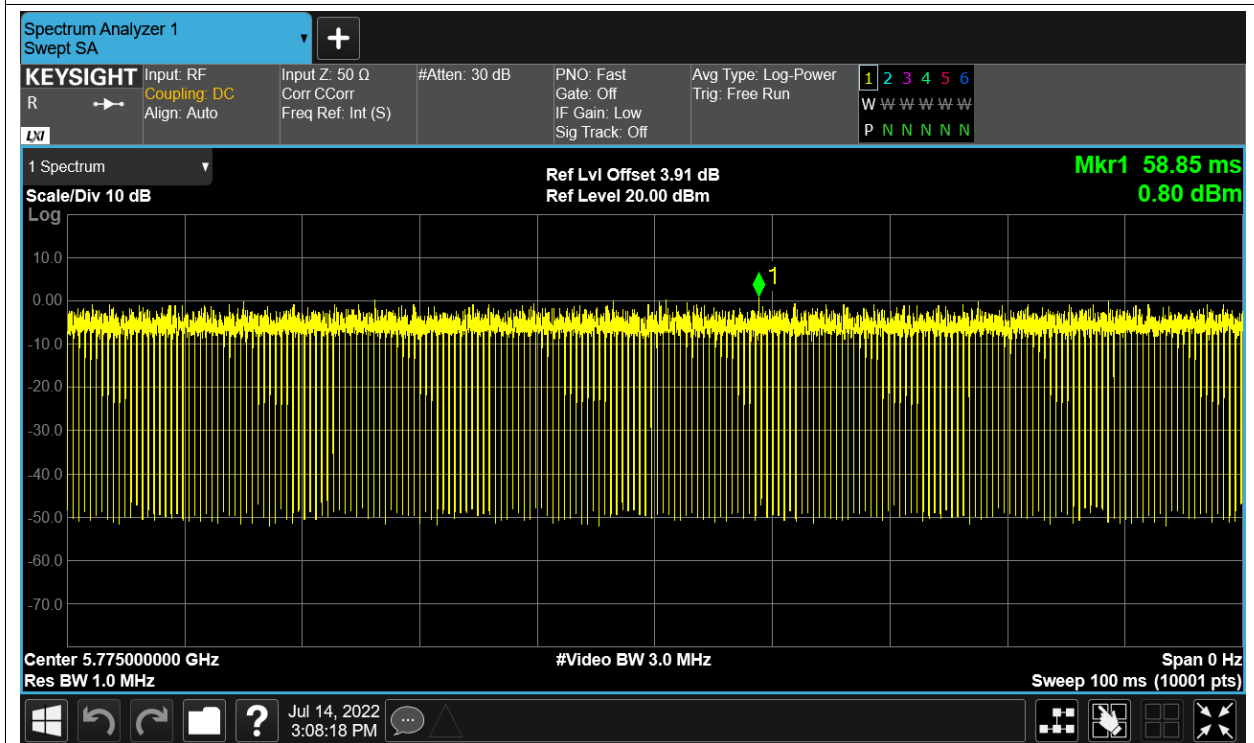
Duty Cycle NVNT ac40 5755MHz Sum



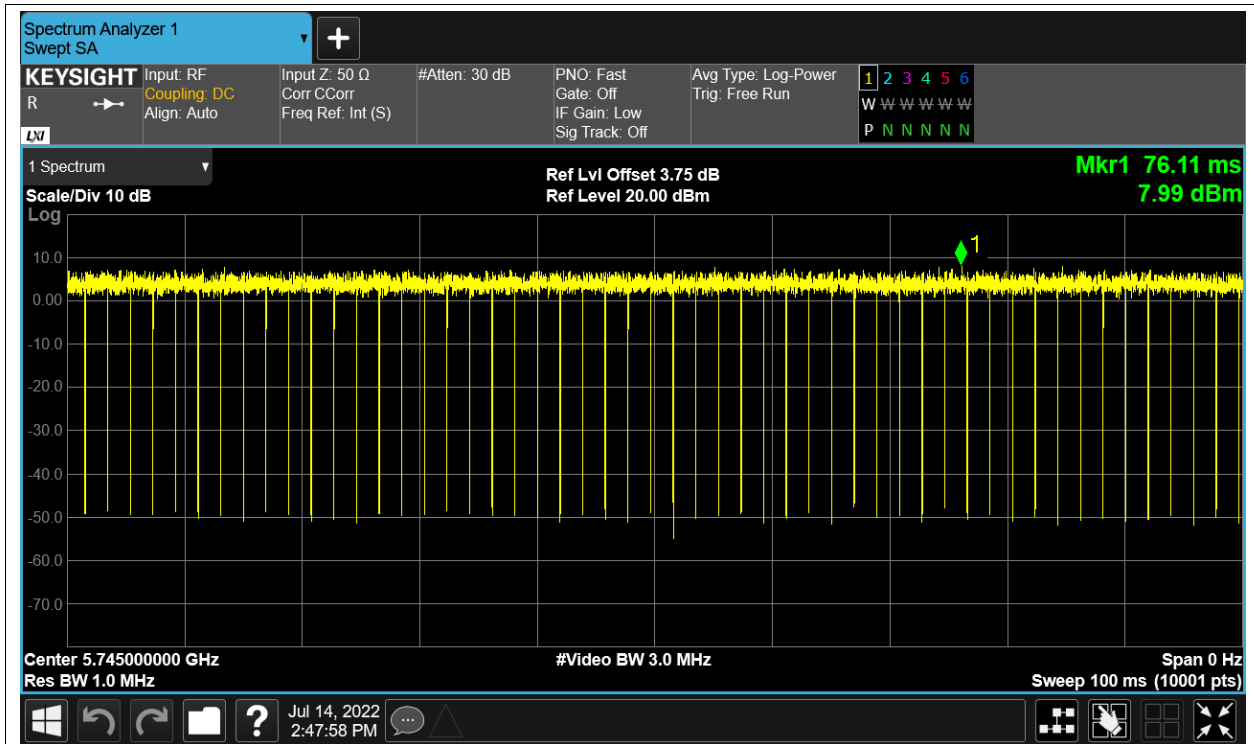
Duty Cycle NVNT ac40 5795MHz Sum



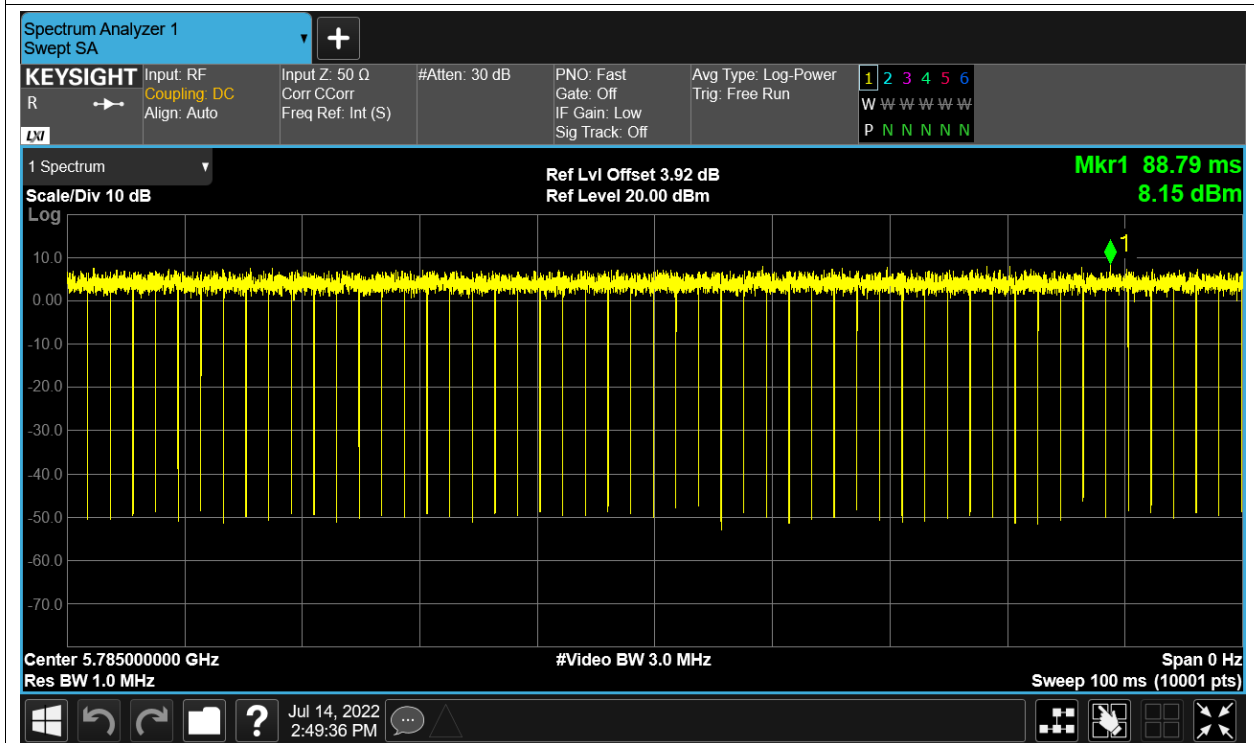
Duty Cycle NVNT ac80 5775MHz Sum



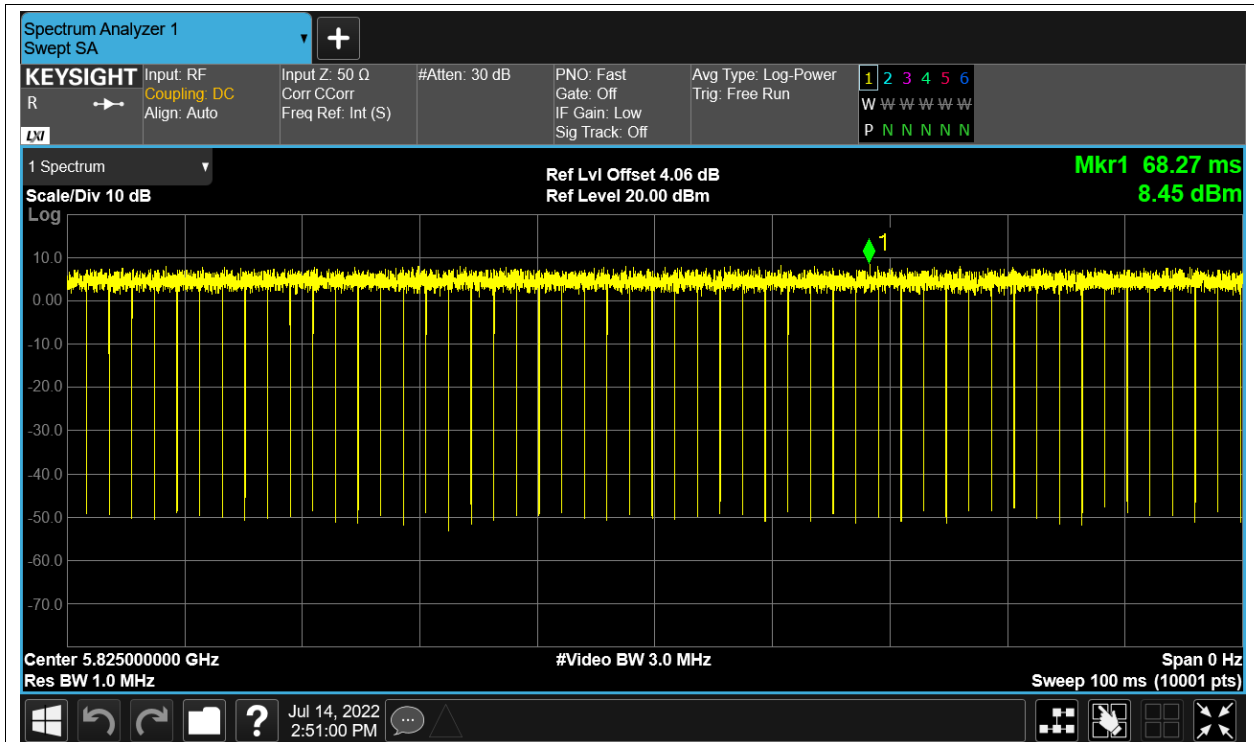
Duty Cycle NVNT n20 5745MHz Sum



Duty Cycle NVNT n20 5785MHz Sum



Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum



Maximum Conducted Output Power

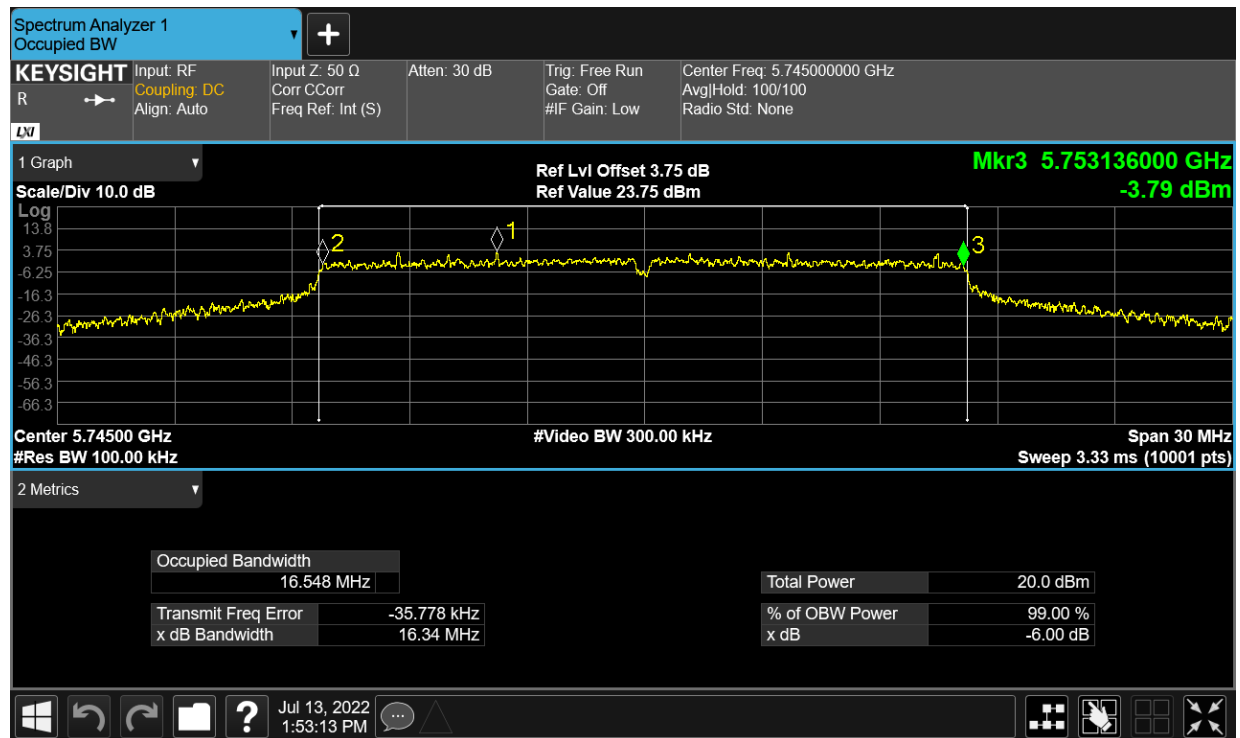
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	15.74	0.05	15.39	30	Pass
NVNT	a	5785	Ant1	15.73	0.05	15.38	30	Pass
NVNT	a	5825	Ant1	16.01	0.05	16.06	30	Pass
NVNT	a	5745	Ant2	14.53	0.05	14.48	30	Pass
NVNT	a	5785	Ant2	15.06	0.05	15.11	30	Pass
NVNT	a	5825	Ant2	14.75	0.05	13.8	30	Pass
NVNT	ac20	5745	Ant1	15.16	0.06	15.22	30	Pass
NVNT	ac20	5745	Ant2	14.4	0.06	14.46	30	Pass
NVNT	ac20	5745	Sum	17.807	0.06	17.867	30	Pass
NVNT	ac20	5785	Ant1	15.41	0.06	15.47	30	Pass
NVNT	ac20	5785	Ant2	14.98	0.06	15.04	30	Pass
NVNT	ac20	5785	Sum	18.211	0.06	18.271	30	Pass
NVNT	ac20	5825	Ant1	15.75	0.06	15.81	30	Pass
NVNT	ac20	5825	Ant2	13.58	0.06	13.64	30	Pass
NVNT	ac20	5825	Sum	17.809	0.06	17.869	30	Pass
NVNT	ac40	5755	Ant1	15.79	0.11	15.9	30	Pass
NVNT	ac40	5755	Ant2	15.06	0.11	15.17	30	Pass
NVNT	ac40	5755	Sum	18.451	0.11	18.561	30	Pass
NVNT	ac40	5795	Ant1	15.74	0.11	15.85	30	Pass
NVNT	ac40	5795	Ant2	14.74	0.11	14.85	30	Pass
NVNT	ac40	5795	Sum	18.279	0.11	18.389	30	Pass
NVNT	ac80	5775	Ant1	15.48	0.22	15.7	30	Pass
NVNT	ac80	5775	Ant2	14.7	0.22	14.92	30	Pass
NVNT	ac80	5775	Sum	18.118	0.22	18.338	30	Pass
NVNT	n20	5745	Ant1	15.04	0.06	15.1	30	Pass
NVNT	n20	5745	Ant2	14.4	0.06	14.46	30	Pass
NVNT	n20	5745	Sum	17.742	0.06	17.802	30	Pass
NVNT	n20	5785	Ant1	15.25	0.05	15.3	30	Pass
NVNT	n20	5785	Ant2	15.01	0.05	15.06	30	Pass
NVNT	n20	5785	Sum	18.142	0.05	18.192	30	Pass
NVNT	n20	5825	Ant1	15.85	0.06	15.91	30	Pass
NVNT	n20	5825	Ant2	13.66	0.06	13.72	30	Pass
NVNT	n20	5825	Sum	17.902	0.06	17.962	30	Pass
NVNT	n40	5755	Ant1	15.78	0.11	15.89	30	Pass
NVNT	n40	5755	Ant2	15.01	0.11	15.12	30	Pass
NVNT	n40	5755	Sum	18.422	0.11	18.532	30	Pass
NVNT	n40	5795	Ant1	15.76	0.11	15.87	30	Pass
NVNT	n40	5795	Ant2	14.8	0.11	14.91	30	Pass
NVNT	n40	5795	Sum	18.317	0.11	18.427	30	Pass

-6dB Bandwidth

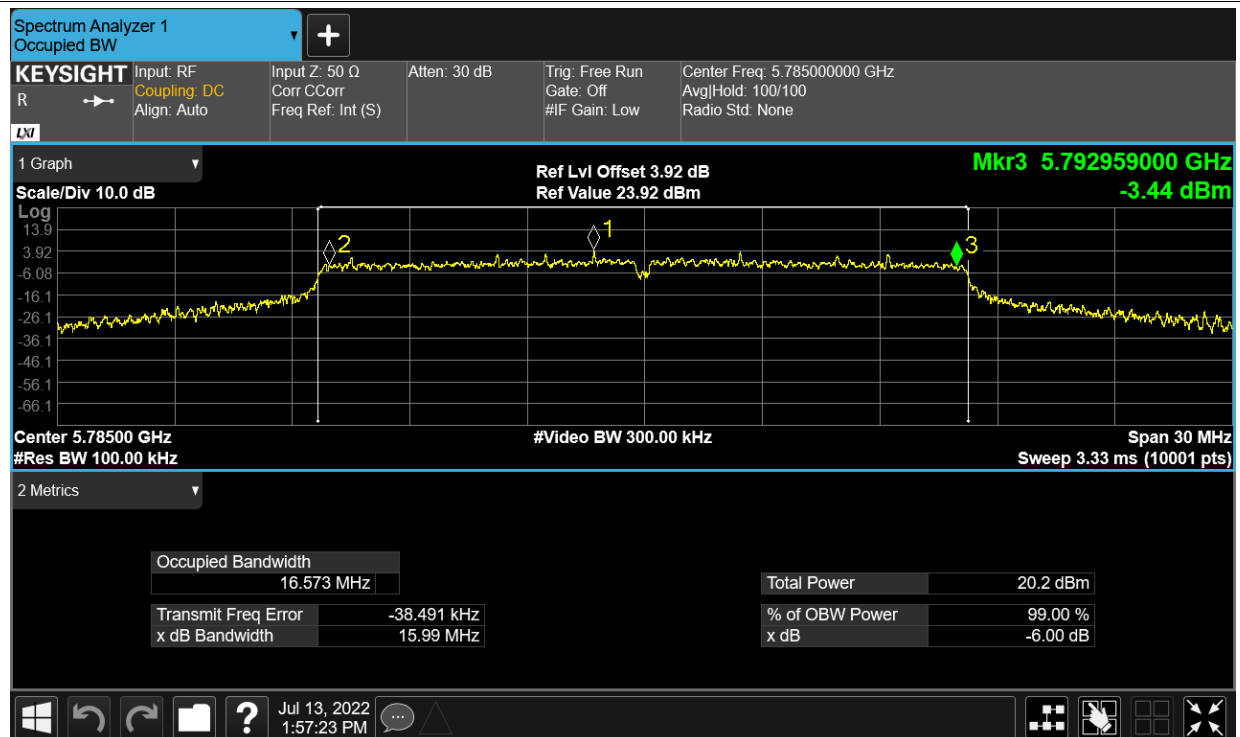
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.343	0.5	Pass
NVNT	a	5785	Ant1	15.995	0.5	Pass
NVNT	a	5825	Ant1	16.289	0.5	Pass
NVNT	a	5745	Ant2	15.443	0.5	Pass
NVNT	a	5785	Ant2	16.275	0.5	Pass
NVNT	a	5825	Ant2	16.305	0.5	Pass
NVNT	ac20	5745	Ant1	16	0.5	Pass
NVNT	ac20	5745	Ant2	17.287	0.5	Pass
NVNT	ac20	5785	Ant1	17.57	0.5	Pass
NVNT	ac20	5785	Ant2	15.966	0.5	Pass
NVNT	ac20	5825	Ant1	17.144	0.5	Pass
NVNT	ac20	5825	Ant2	17.131	0.5	Pass
NVNT	ac40	5755	Ant1	35.568	0.5	Pass
NVNT	ac40	5755	Ant2	35.41	0.5	Pass
NVNT	ac80	5775	Ant1	75.131	0.5	Pass
NVNT	ac80	5775	Ant2	75.013	0.5	Pass
NVNT	n20	5745	Ant1	17.546	0.5	Pass
NVNT	n20	5745	Ant2	16.916	0.5	Pass
NVNT	n20	5785	Ant1	16.629	0.5	Pass
NVNT	n20	5785	Ant2	13.817	0.5	Pass
NVNT	n20	5825	Ant1	17.53	0.5	Pass
NVNT	n20	5825	Ant2	15.673	0.5	Pass
NVNT	n40	5755	Ant1	35.472	0.5	Pass
NVNT	n40	5755	Ant2	35.287	0.5	Pass
NVNT	n40	5795	Ant1	35.041	0.5	Pass
NVNT	n40	5795	Ant2	35.997	0.5	Pass

Test Graphs

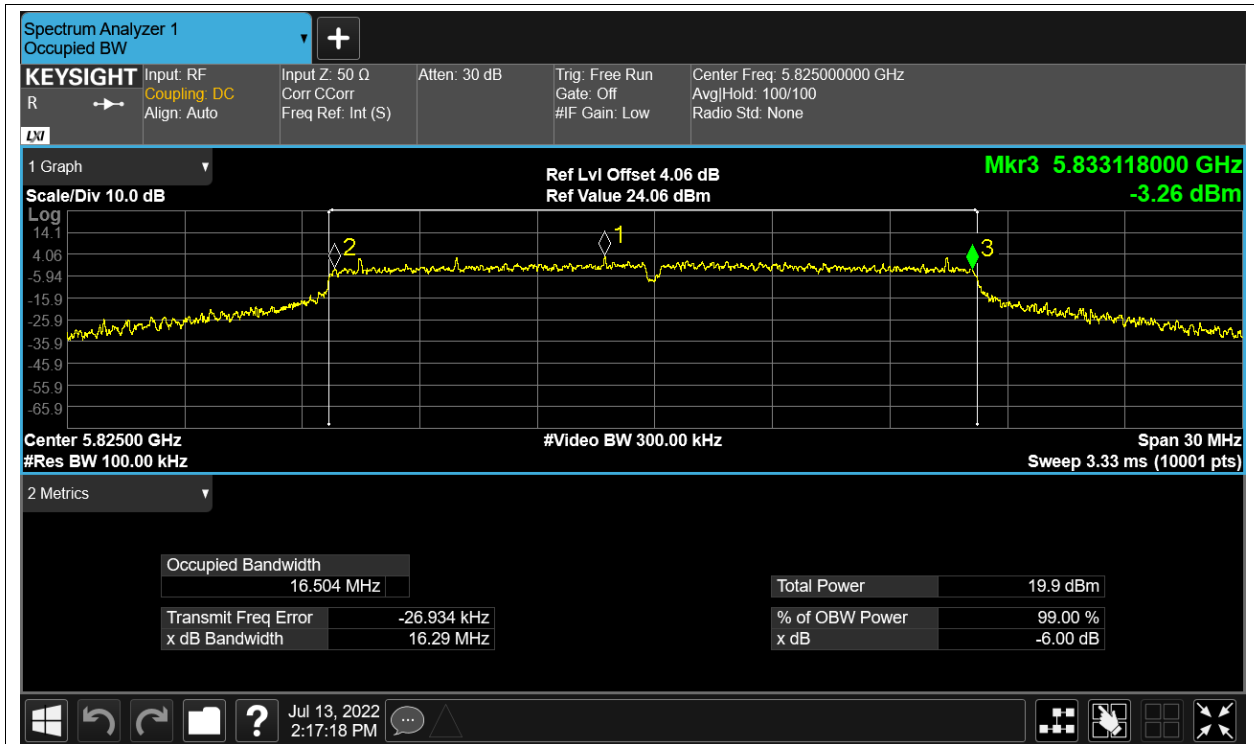
-6dB Bandwidth NVNT a 5745MHz Ant1



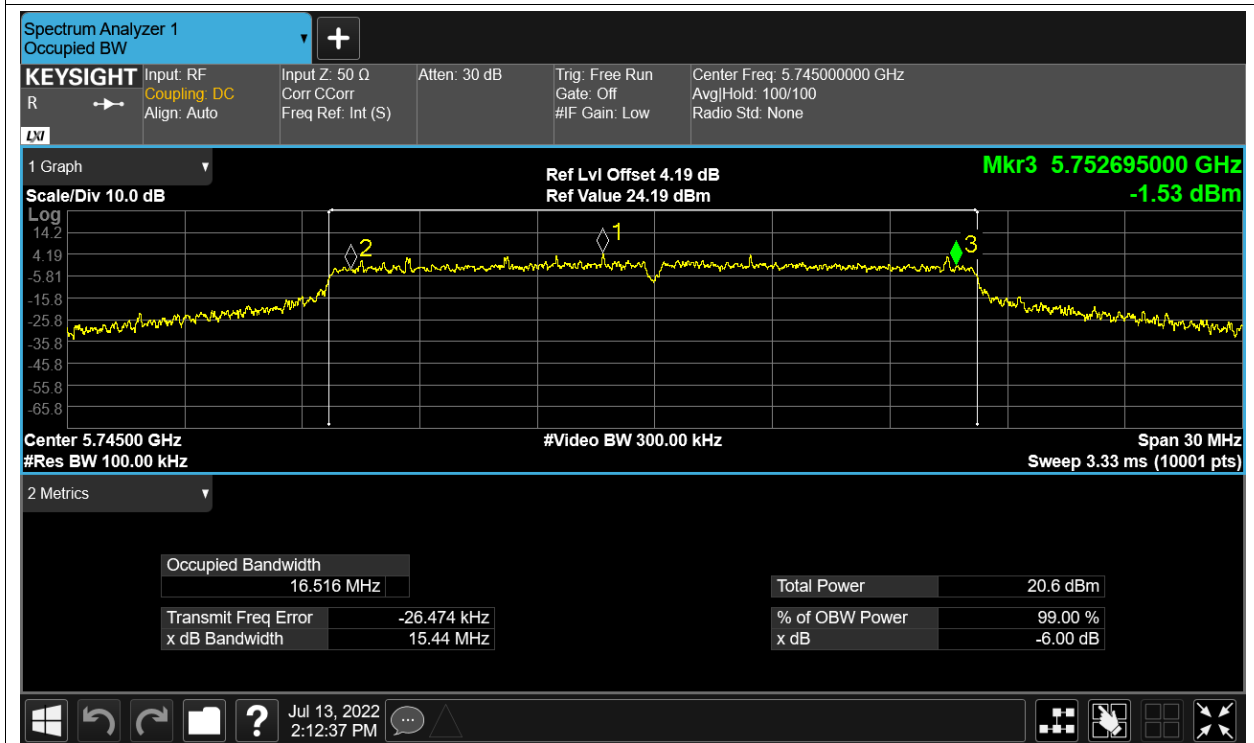
-6dB Bandwidth NVNT a 5785MHz Ant1



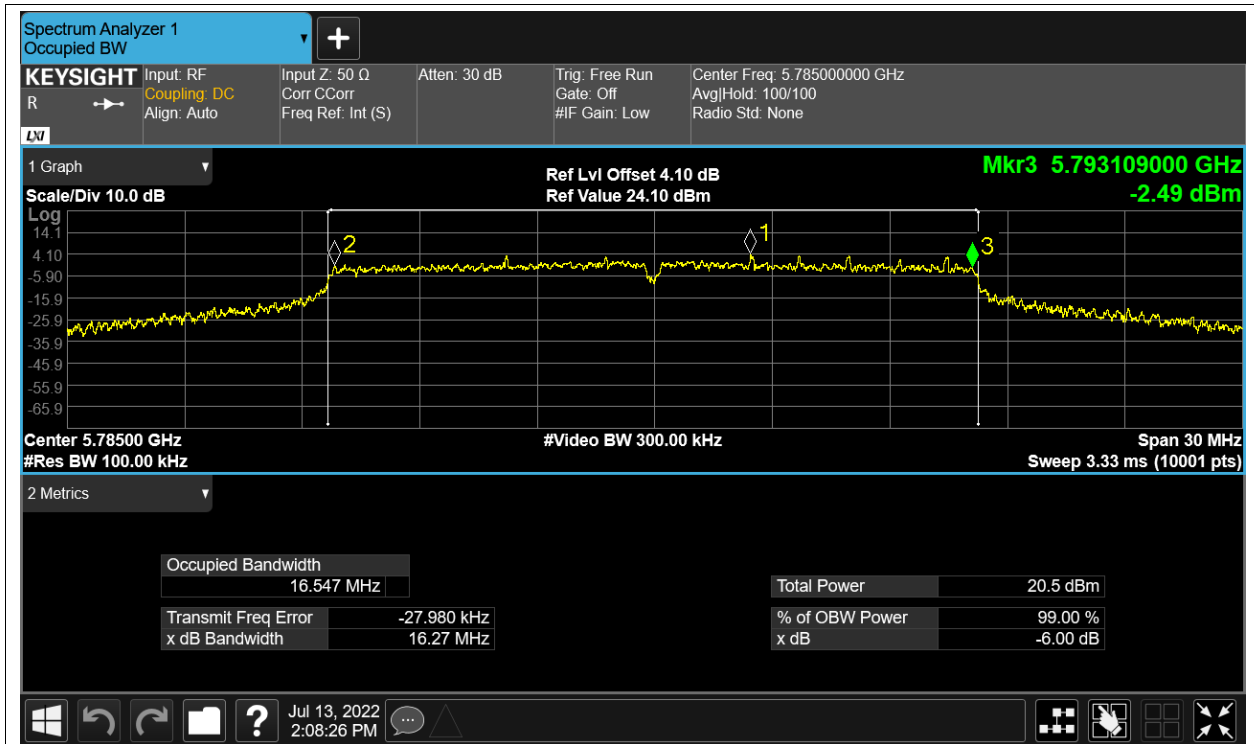
-6dB Bandwidth NVNT a 5825MHz Ant1



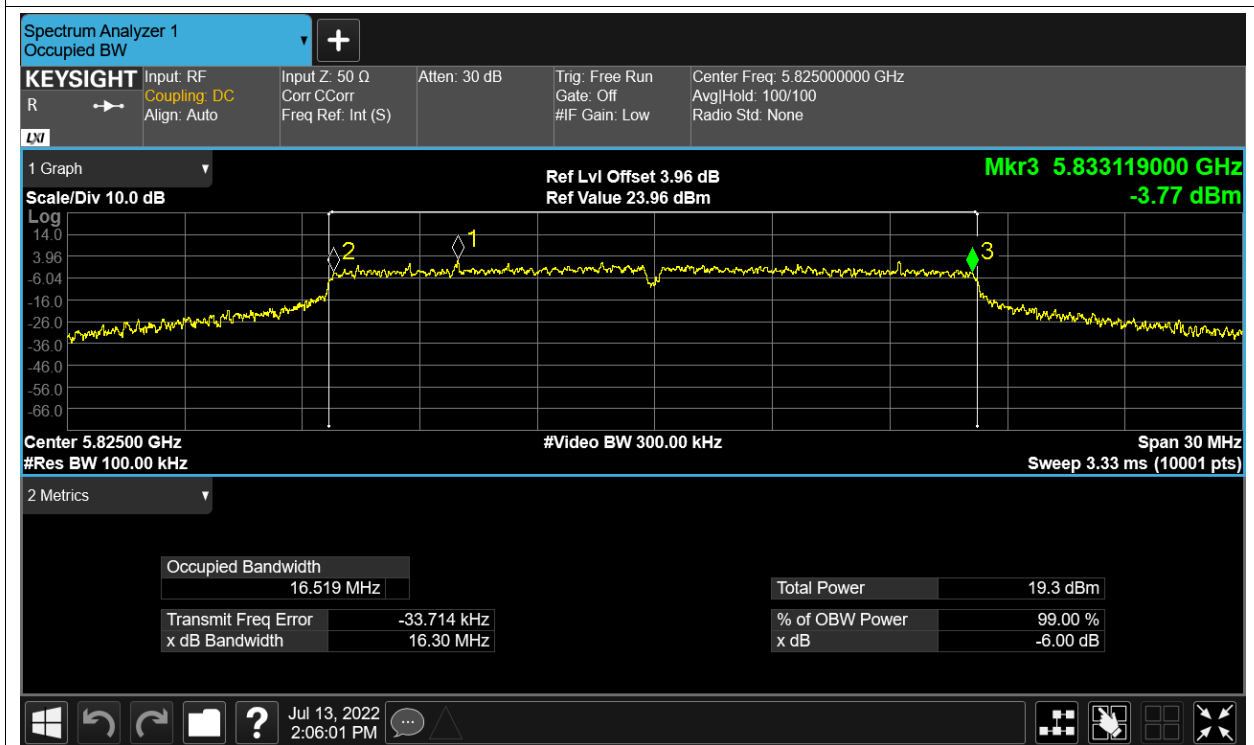
-6dB Bandwidth NVNT a 5745MHz Ant2



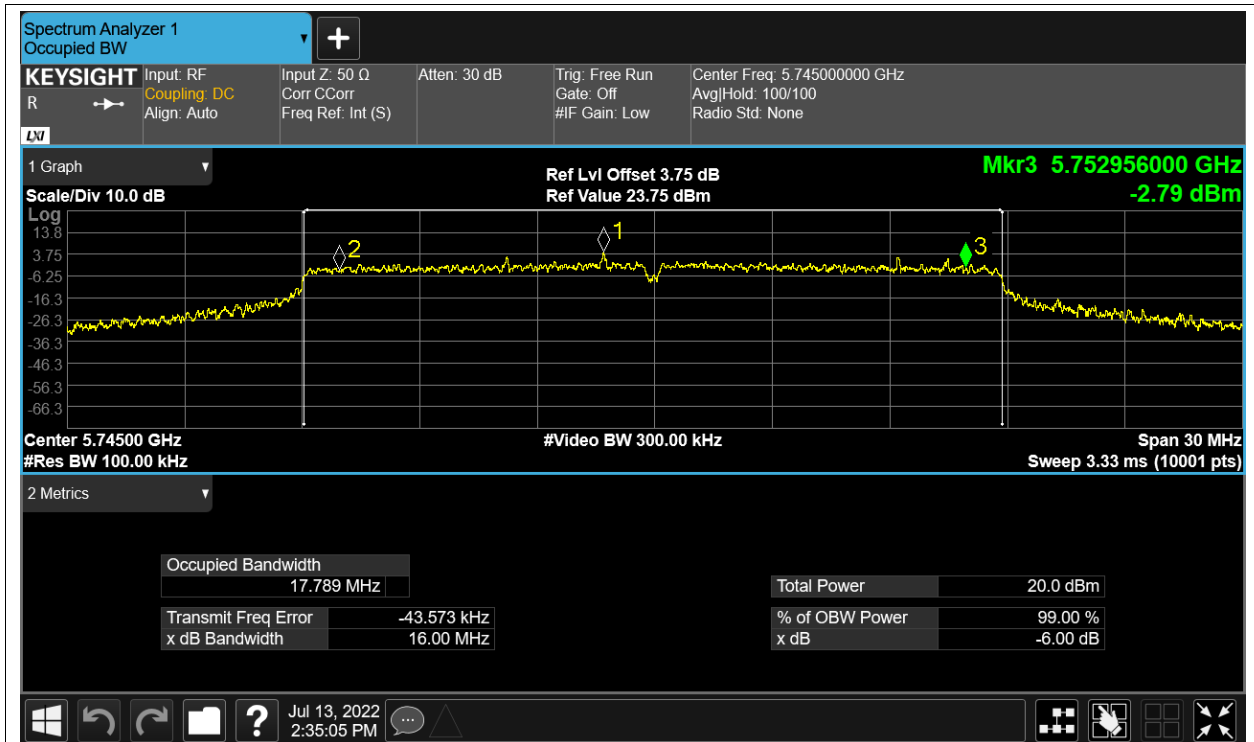
-6dB Bandwidth NVNT a 5785MHz Ant2



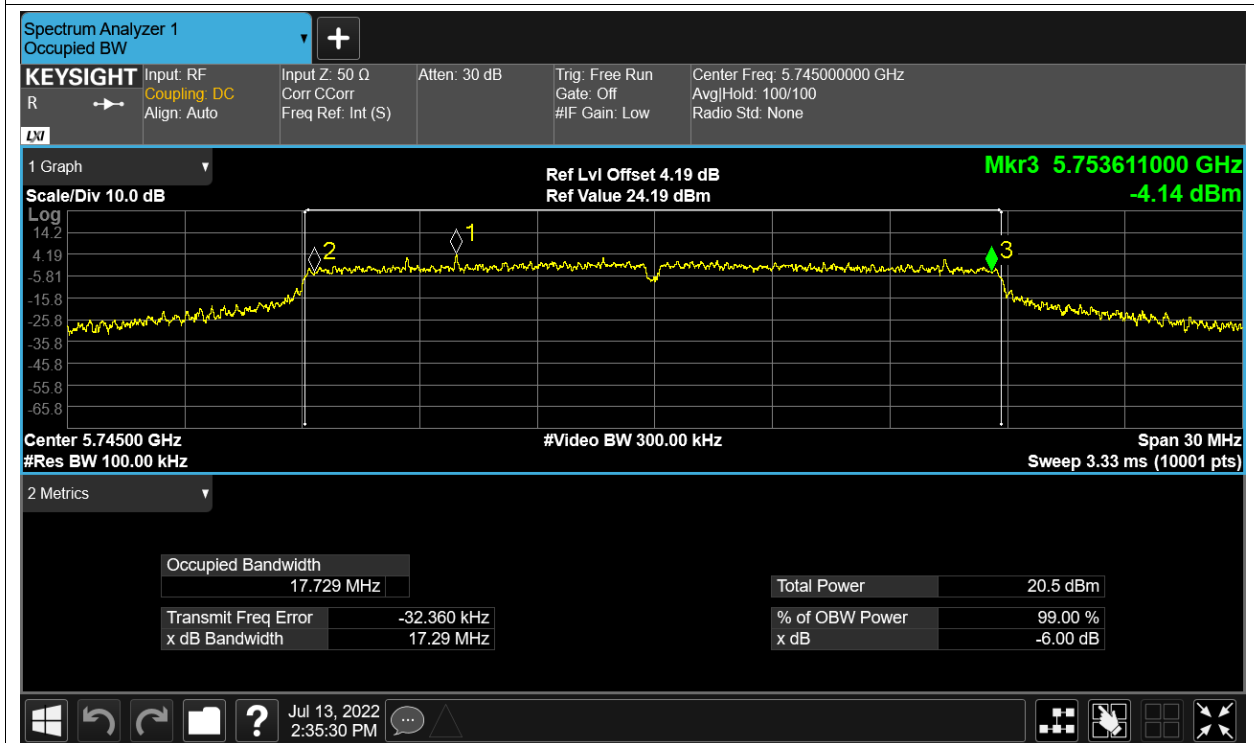
-6dB Bandwidth NVNT a 5825MHz Ant2



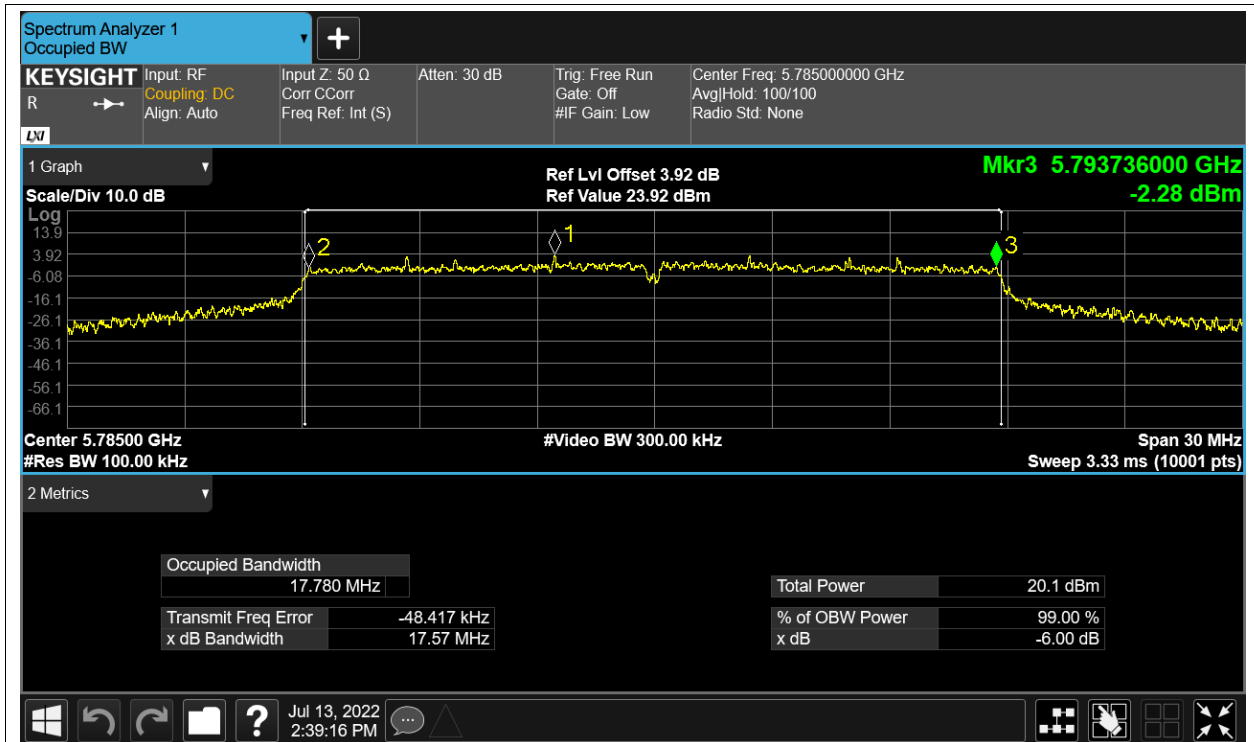
-6dB Bandwidth NVNT ac20 5745MHz Ant1



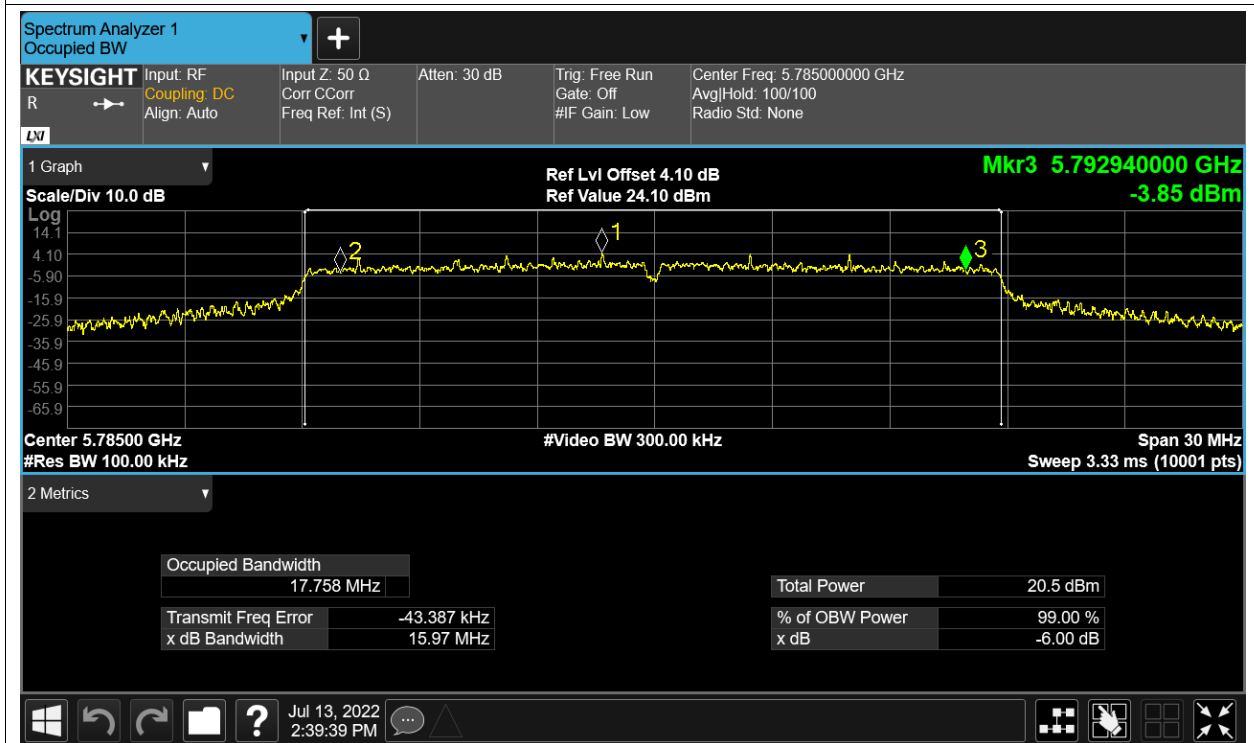
-6dB Bandwidth NVNT ac20 5745MHz Ant2



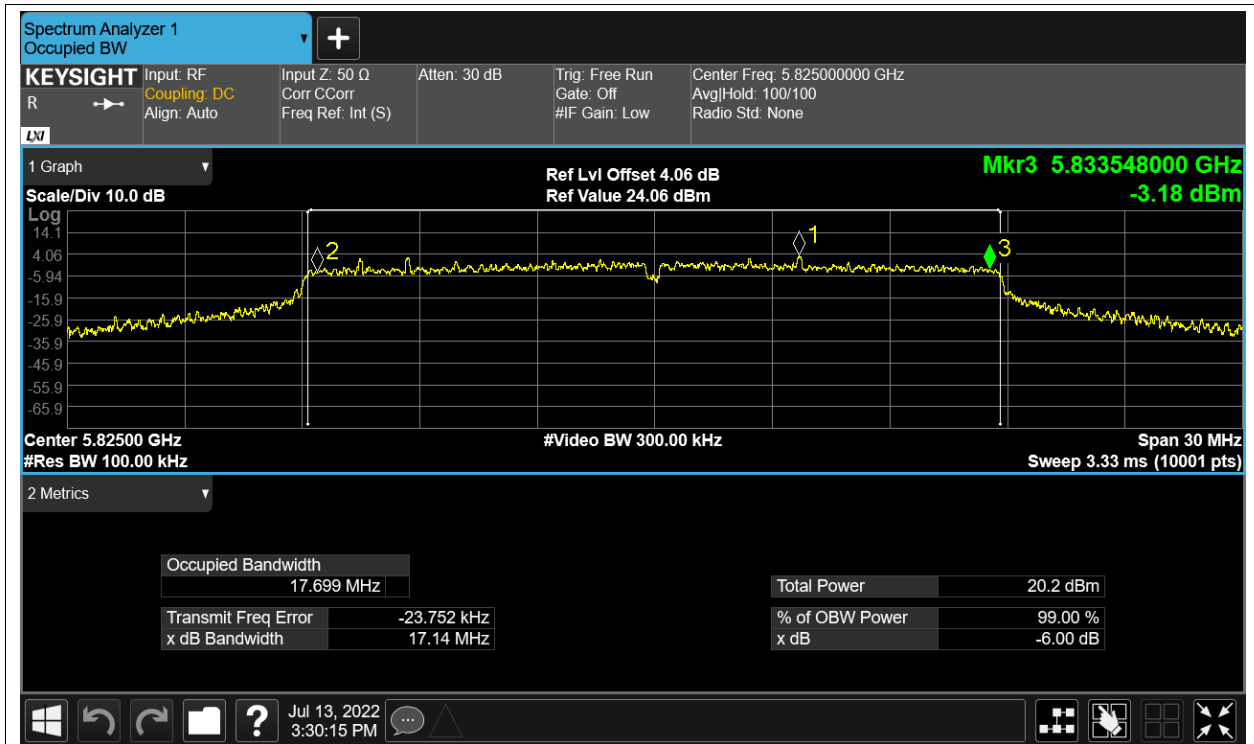
-6dB Bandwidth NVNT ac20 5785MHz Ant1



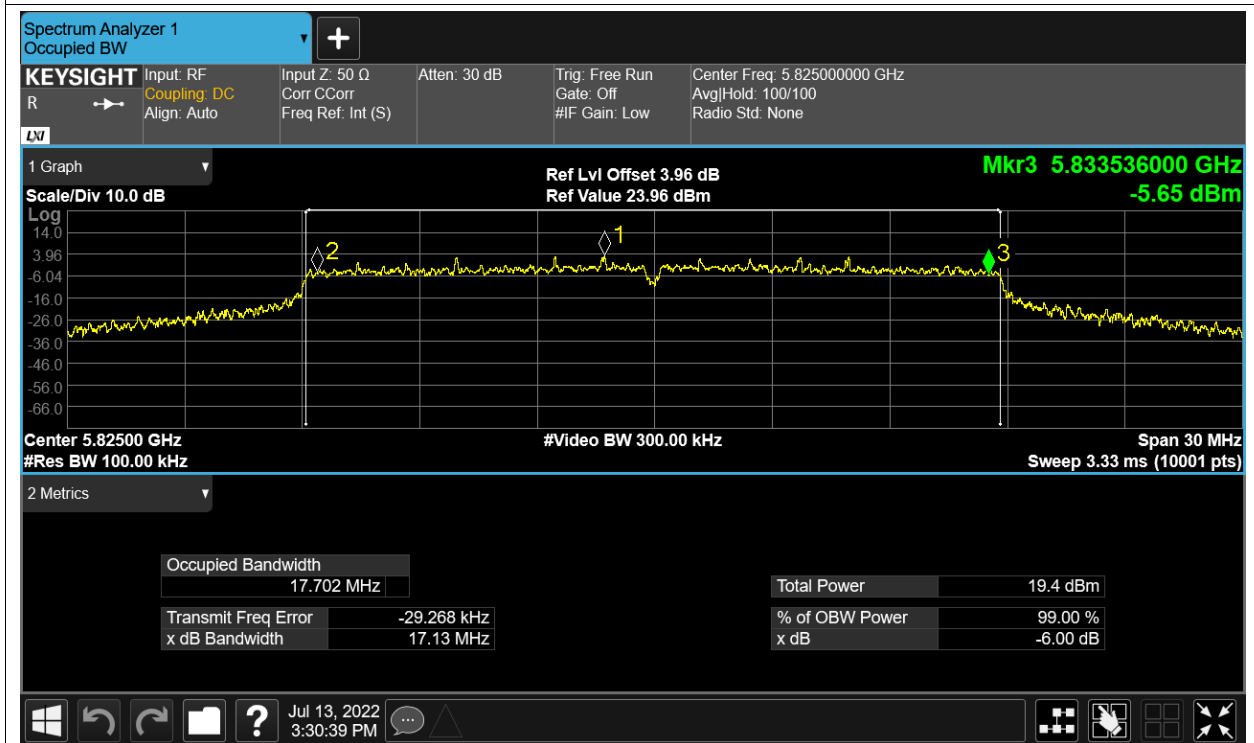
-6dB Bandwidth NVNT ac20 5785MHz Ant2



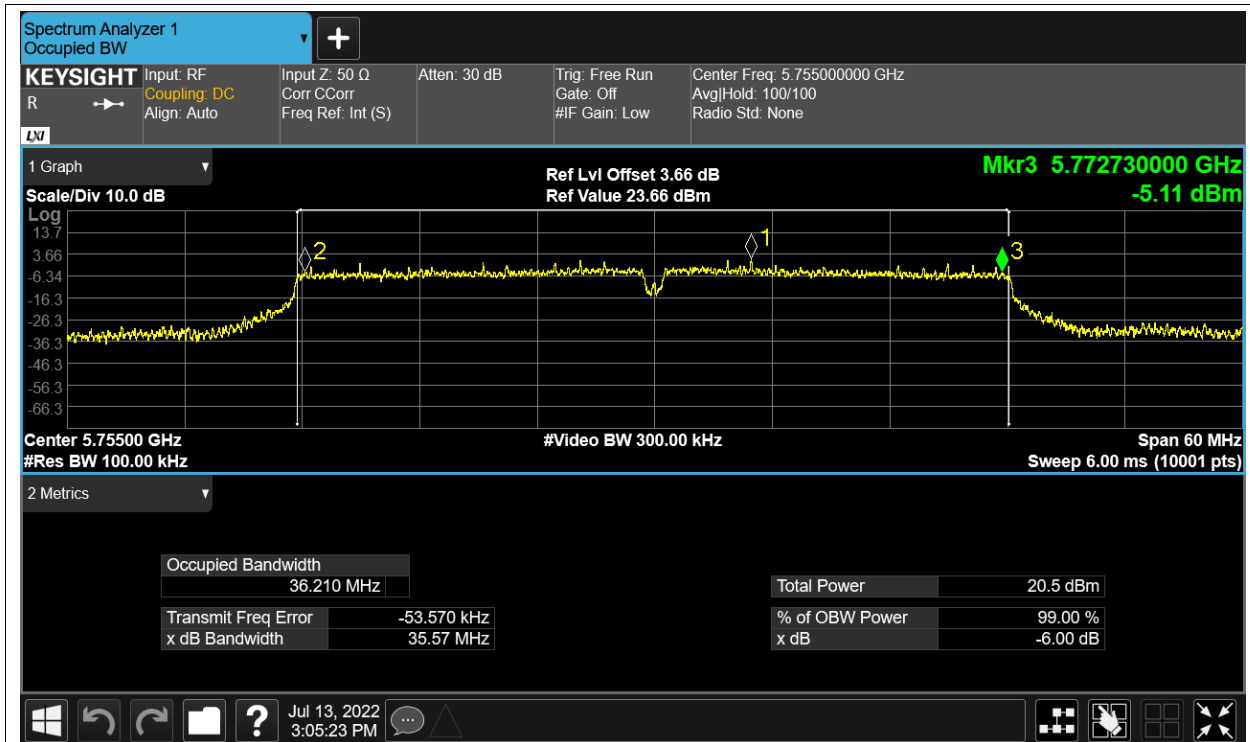
-6dB Bandwidth NVNT ac20 5825MHz Ant1



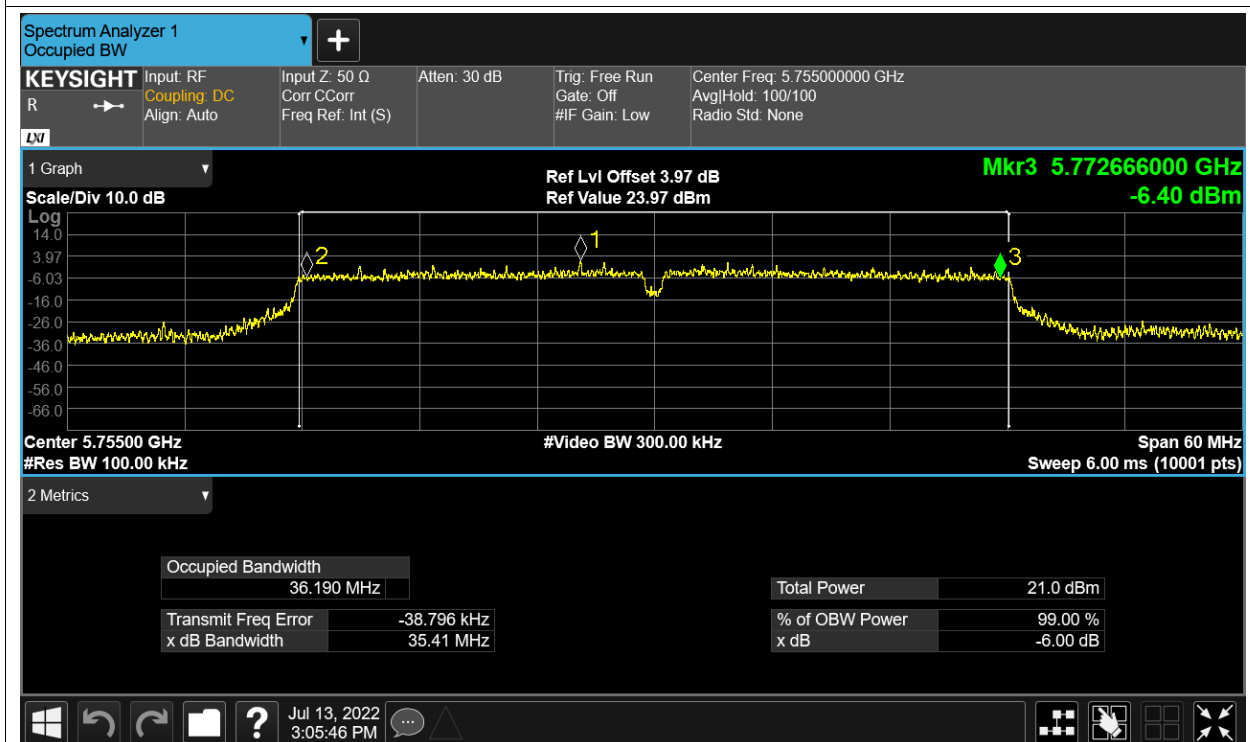
-6dB Bandwidth NVNT ac20 5825MHz Ant2



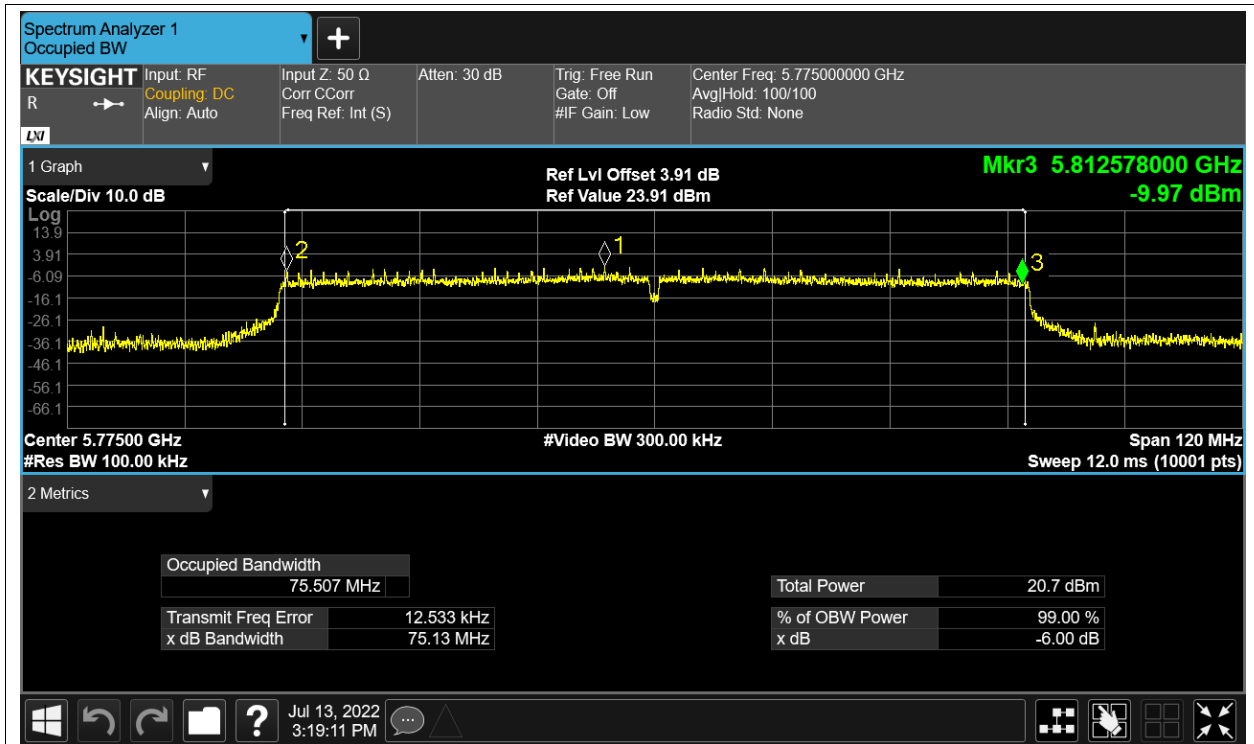
-6dB Bandwidth NVNT ac40 5755MHz Ant1



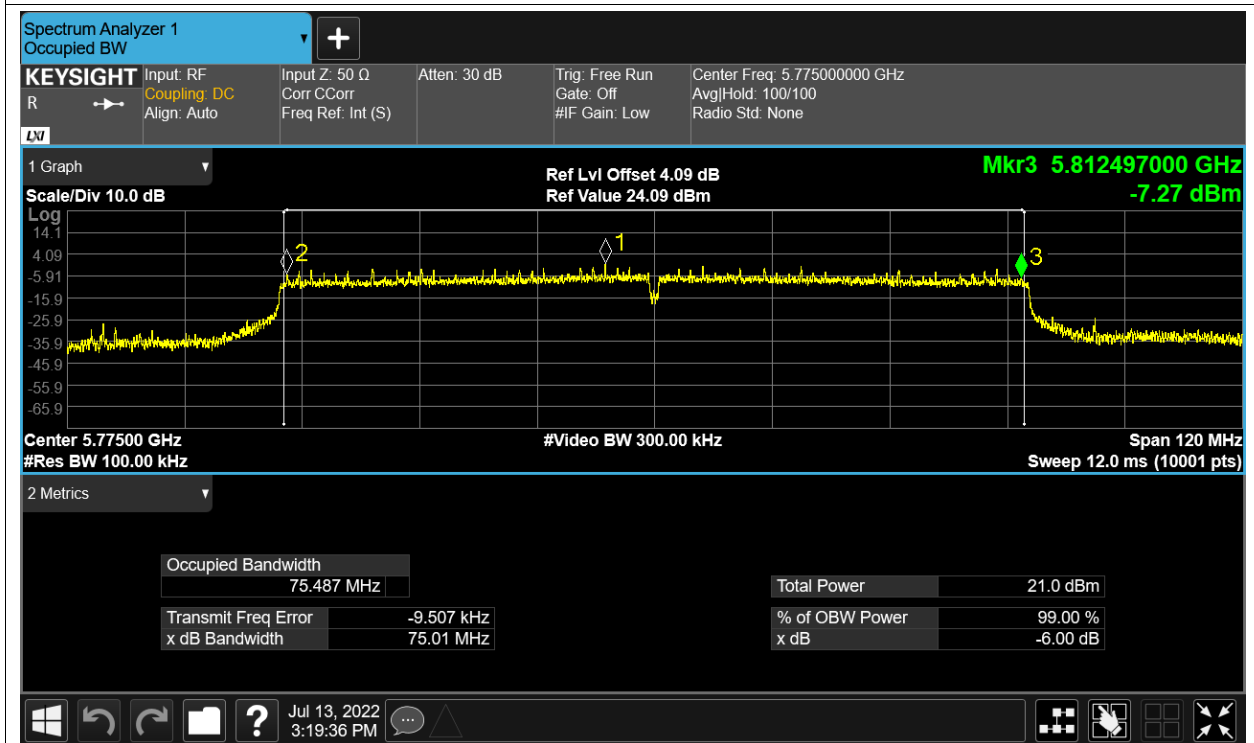
-6dB Bandwidth NVNT ac40 5755MHz Ant2



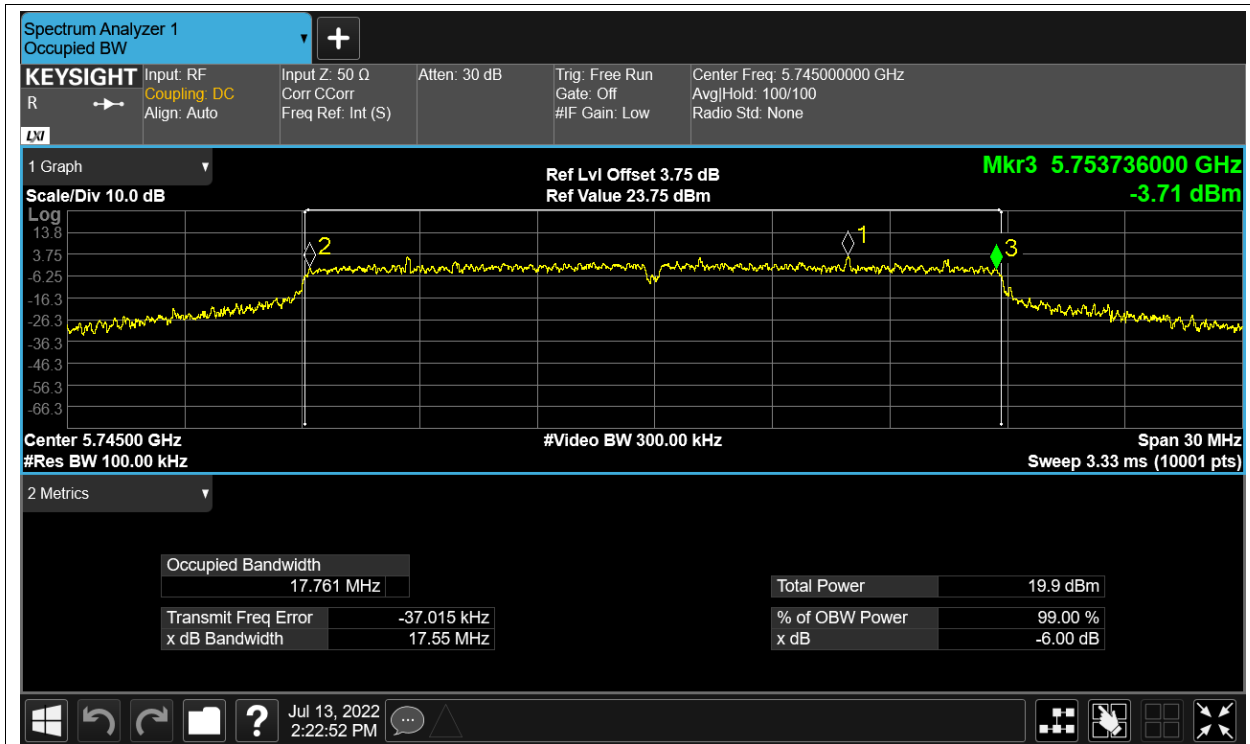
-6dB Bandwidth NVNT ac80 5775MHz Ant1



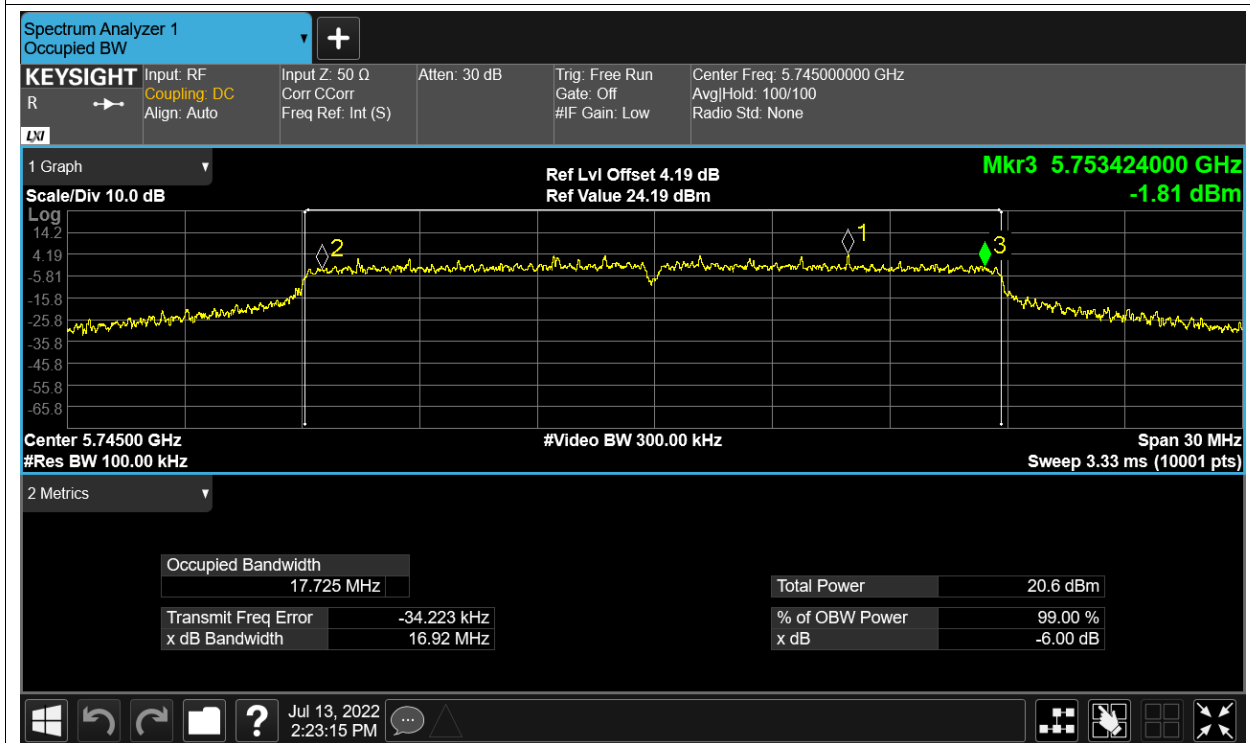
-6dB Bandwidth NVNT ac80 5775MHz Ant2



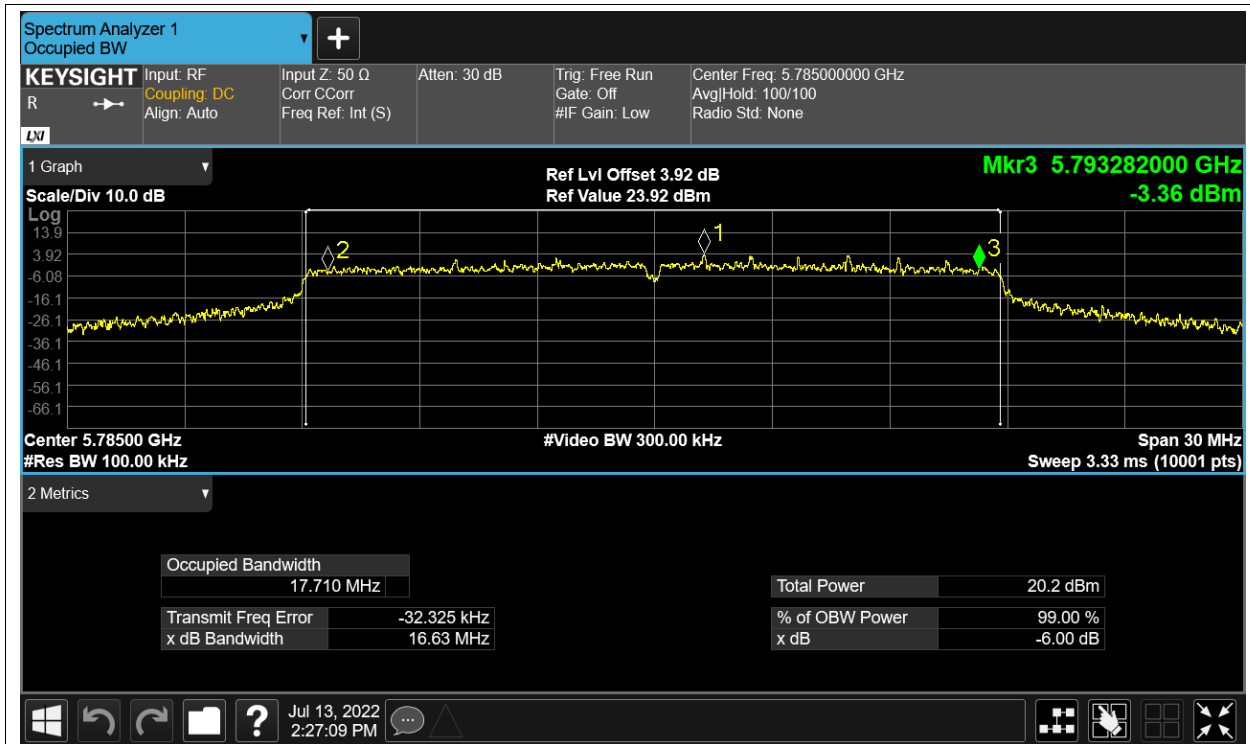
-6dB Bandwidth NVNT n20 5745MHz Ant1



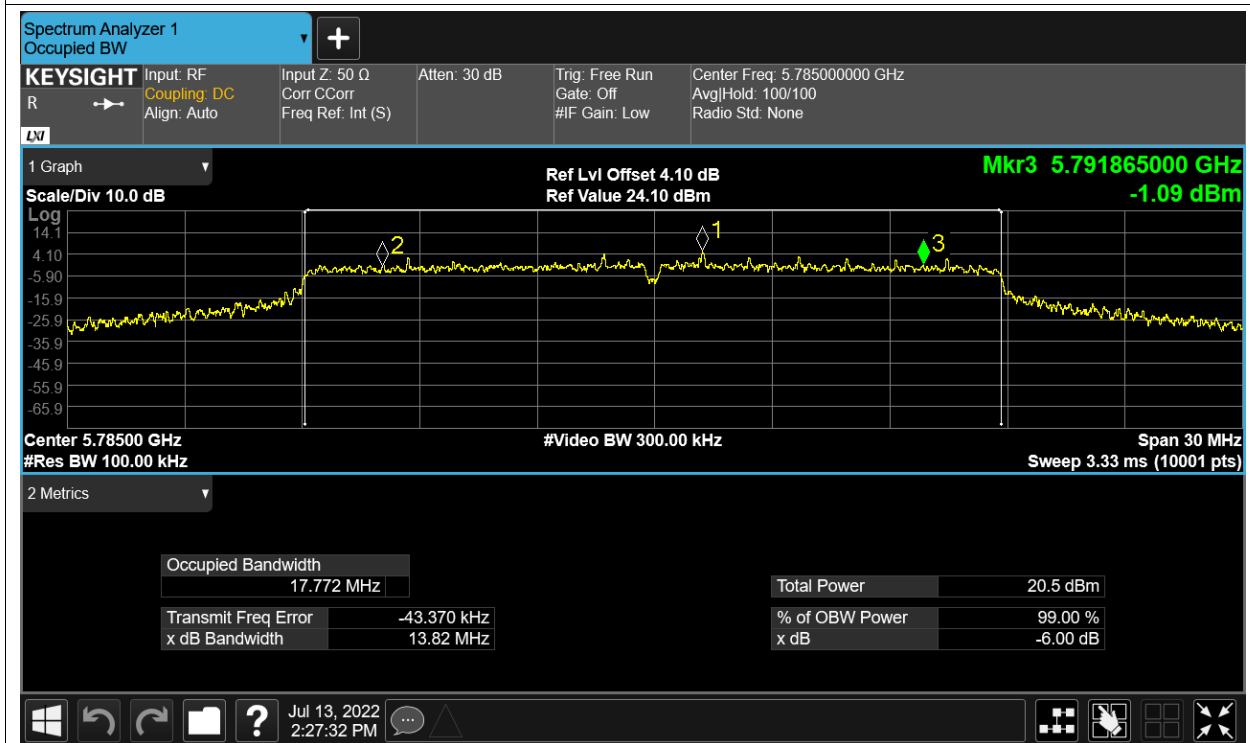
-6dB Bandwidth NVNT n20 5745MHz Ant2



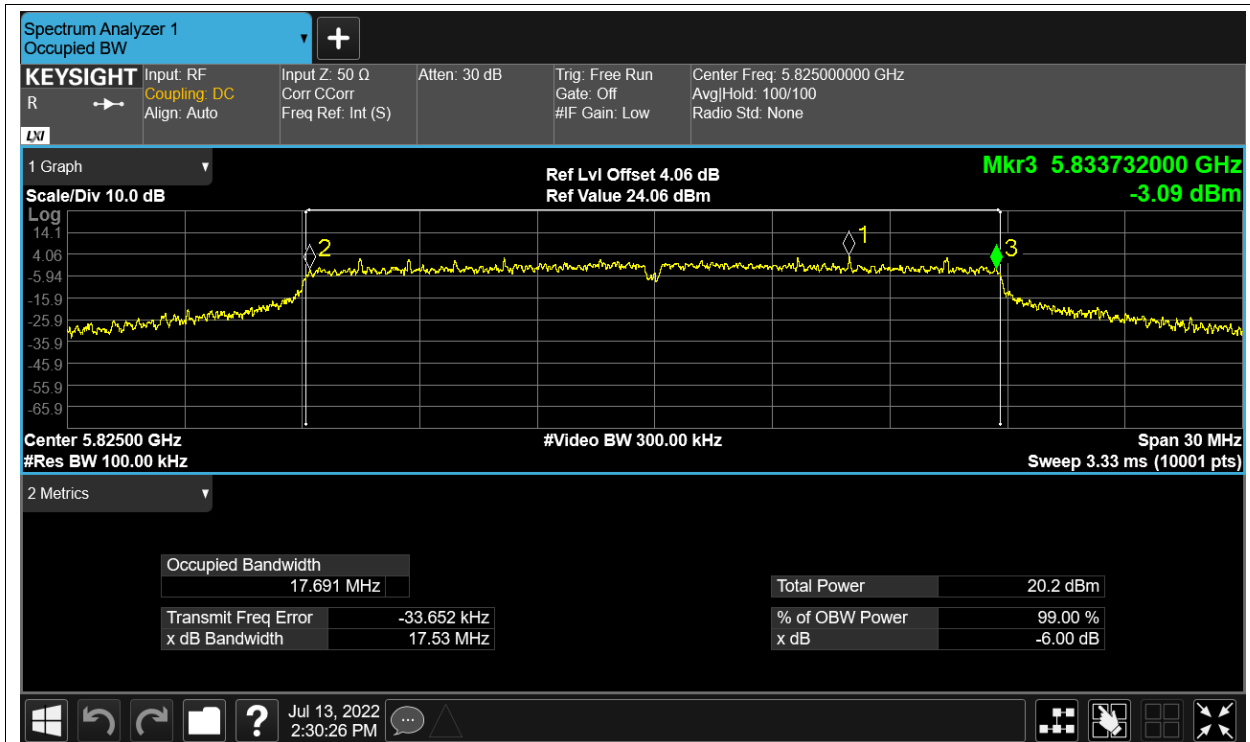
-6dB Bandwidth NVNT n20 5785MHz Ant1



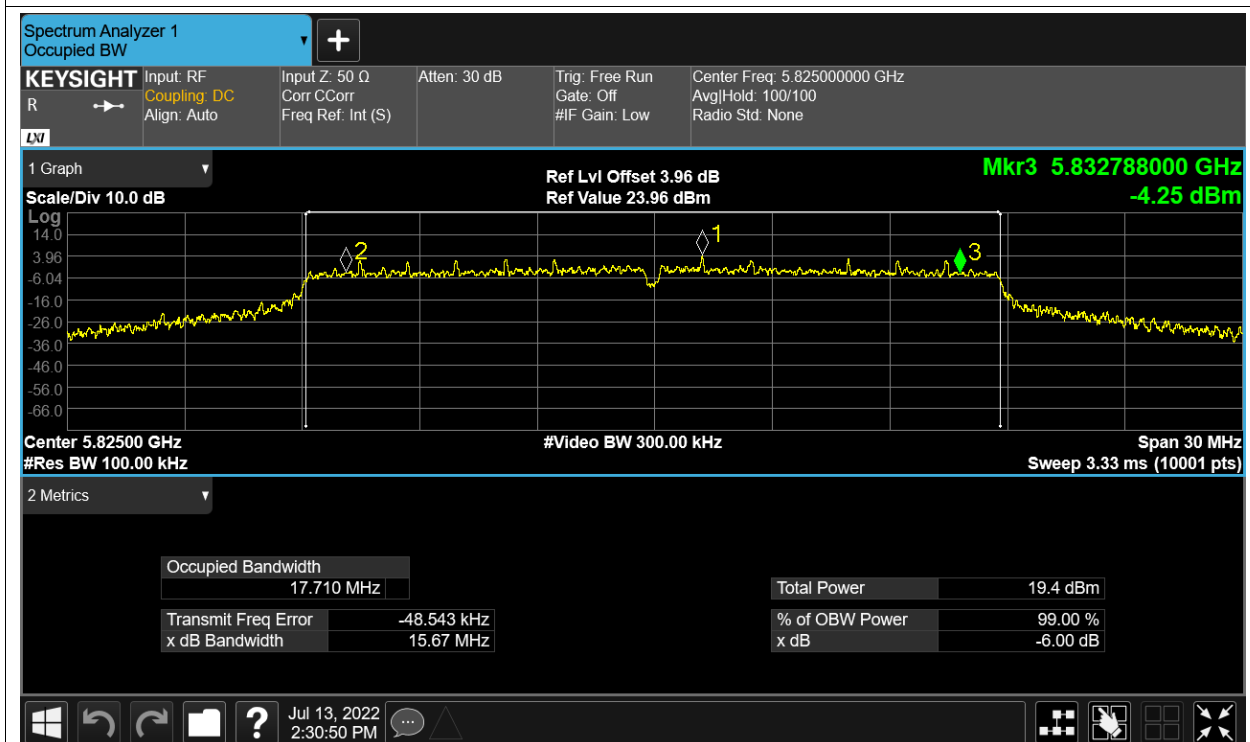
-6dB Bandwidth NVNT n20 5785MHz Ant2



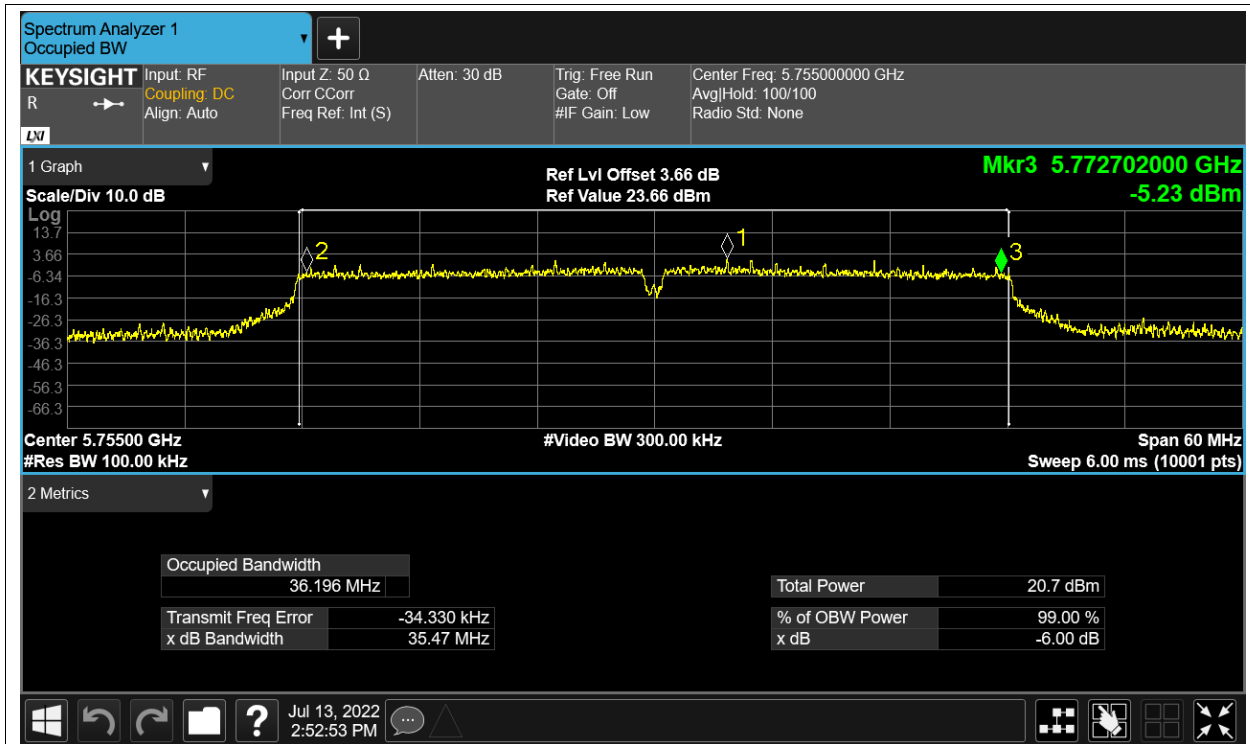
-6dB Bandwidth NVNT n20 5825MHz Ant1



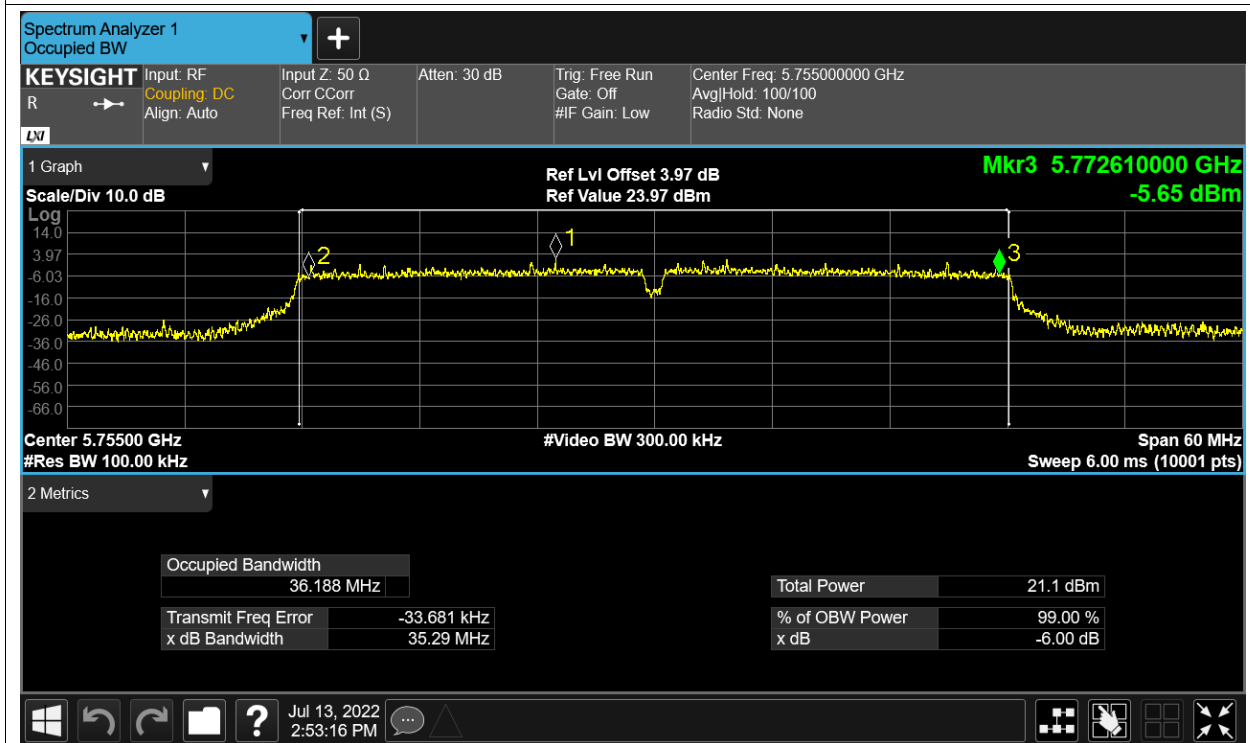
-6dB Bandwidth NVNT n20 5825MHz Ant2



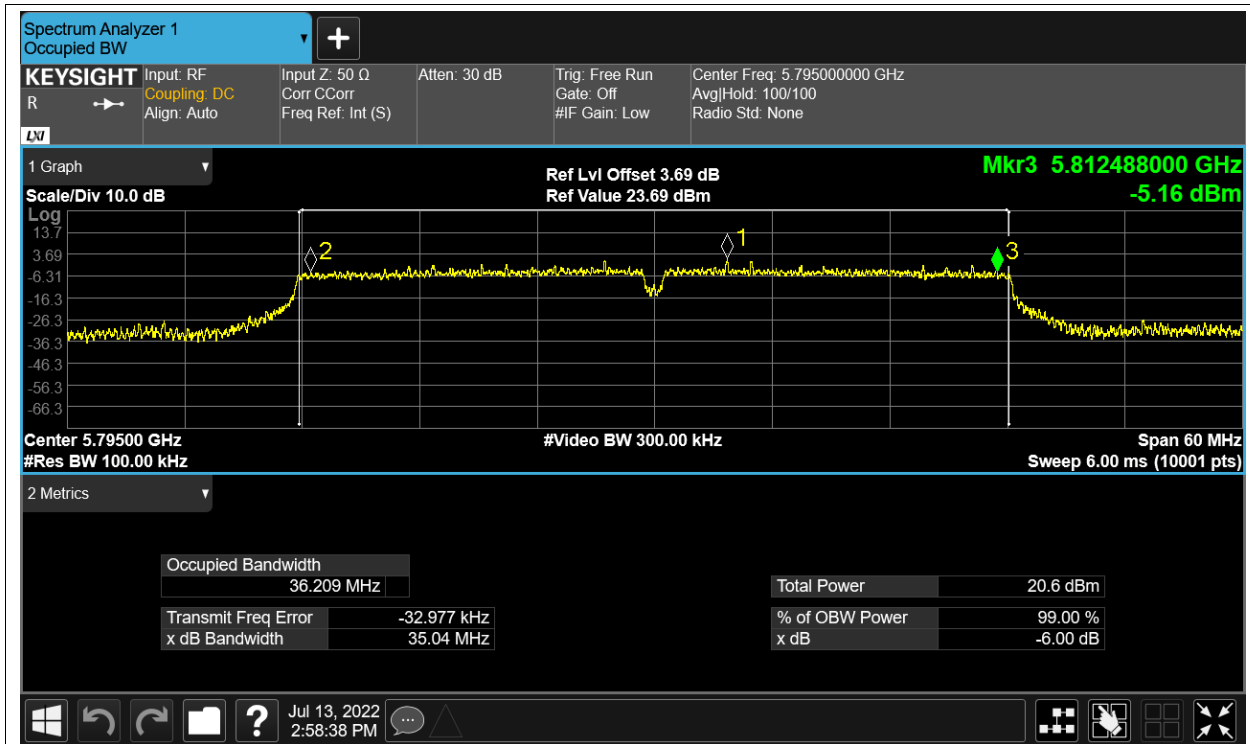
-6dB Bandwidth NVNT n40 5755MHz Ant1



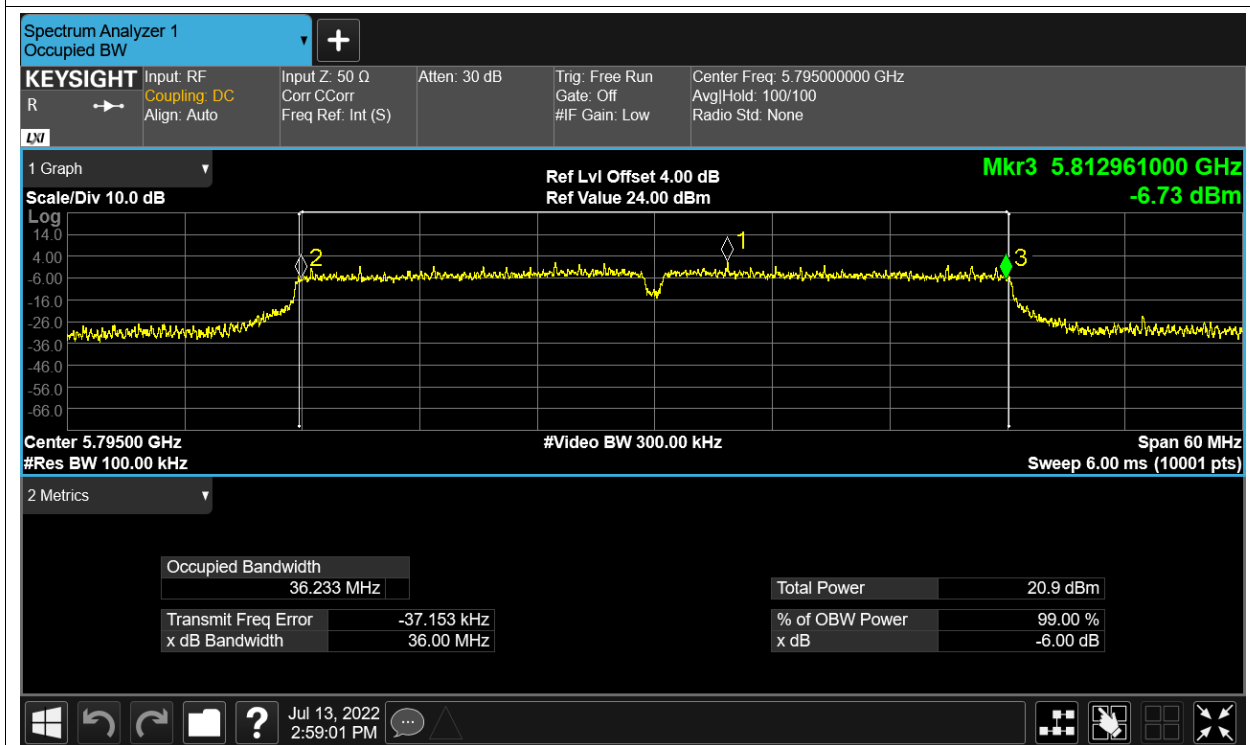
-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2

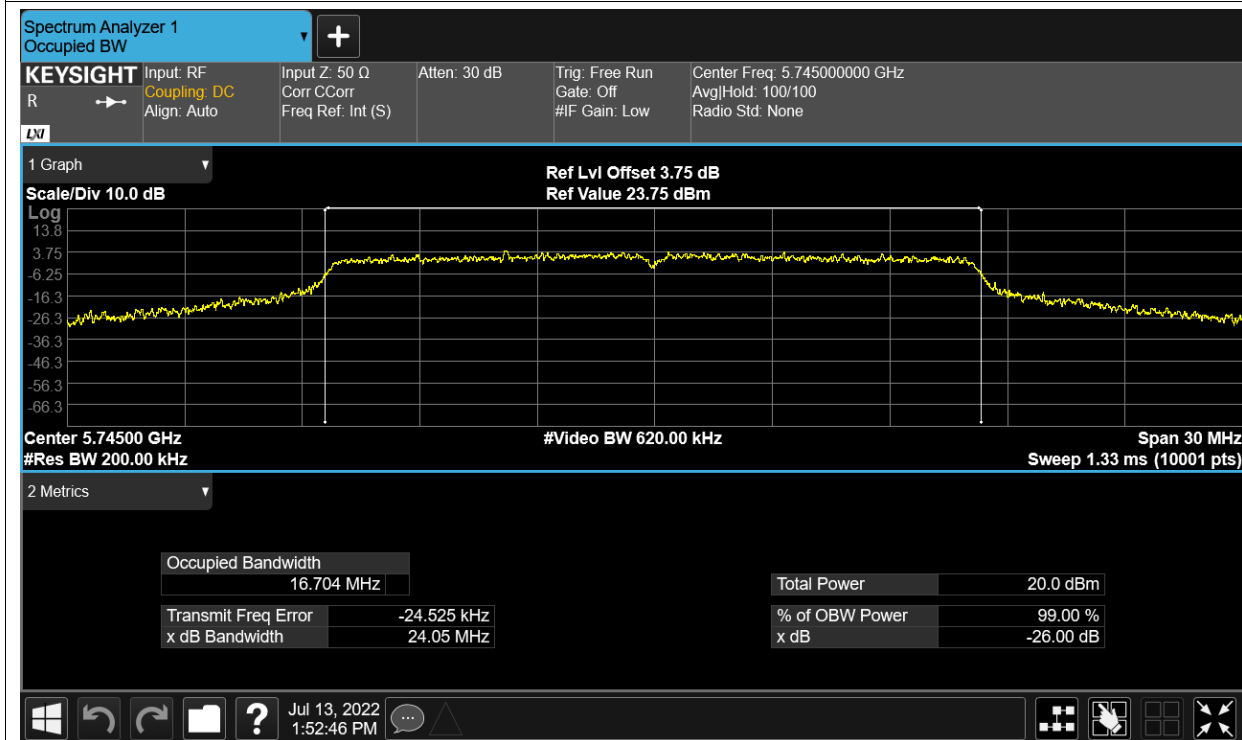


Occupied Channel Bandwidth

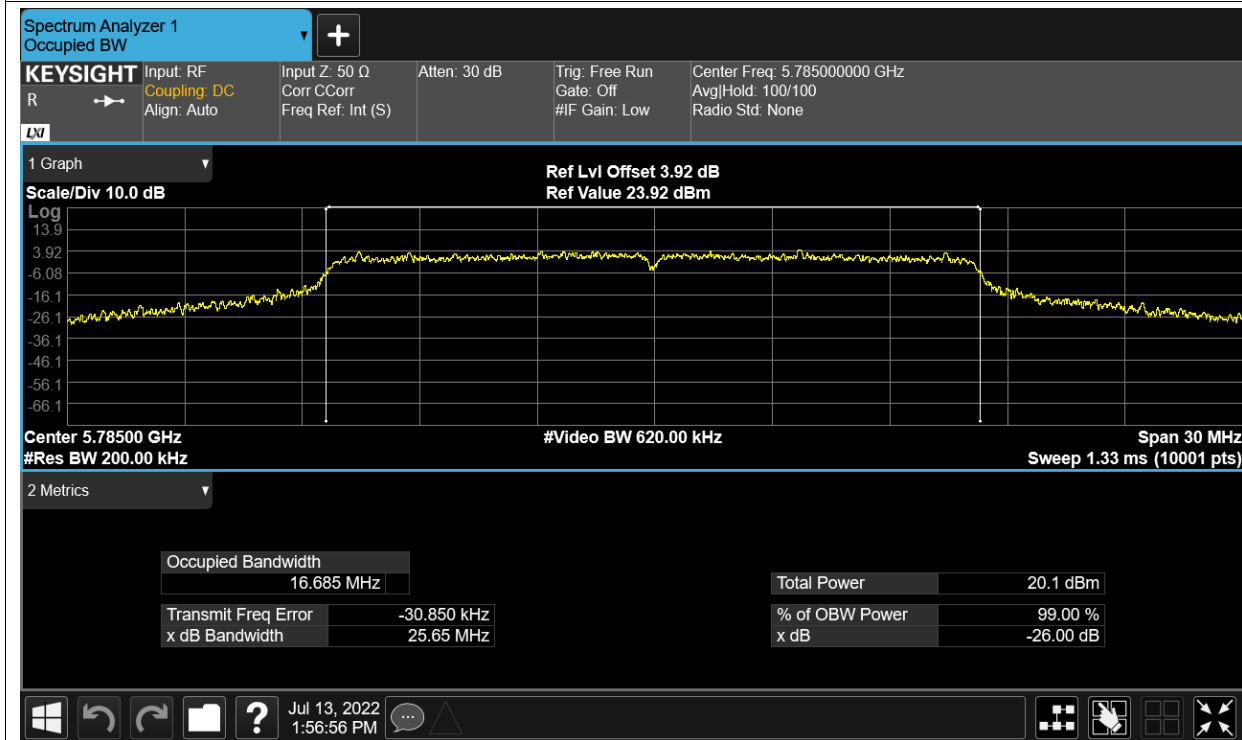
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.70401524
NVNT	a	5785	Ant1	16.6854385
NVNT	a	5825	Ant1	16.59804244
NVNT	a	5745	Ant2	16.66650479
NVNT	a	5785	Ant2	16.6982004
NVNT	a	5825	Ant2	16.66101067
NVNT	ac20	5745	Ant1	17.87307404
NVNT	ac20	5745	Ant2	17.79779402
NVNT	ac20	5785	Ant1	17.96728013
NVNT	ac20	5785	Ant2	17.88263583
NVNT	ac20	5825	Ant1	17.78507942
NVNT	ac20	5825	Ant2	17.85736826
NVNT	ac40	5755	Ant1	36.20214951
NVNT	ac40	5755	Ant2	36.28545373
NVNT	ac40	5795	Ant1	36.25109759
NVNT	ac40	5795	Ant2	36.32766919
NVNT	ac80	5775	Ant1	75.62066048
NVNT	ac80	5775	Ant2	75.66165488
NVNT	n20	5745	Ant1	17.89244869
NVNT	n20	5745	Ant2	17.80601743
NVNT	n20	5785	Ant1	17.82519961
NVNT	n20	5785	Ant2	17.90888904
NVNT	n20	5825	Ant1	17.77756156
NVNT	n20	5825	Ant2	17.805733
NVNT	n40	5755	Ant1	36.27696222
NVNT	n40	5755	Ant2	36.24675868
NVNT	n40	5795	Ant1	36.24150921
NVNT	n40	5795	Ant2	36.30209916

Test Graphs

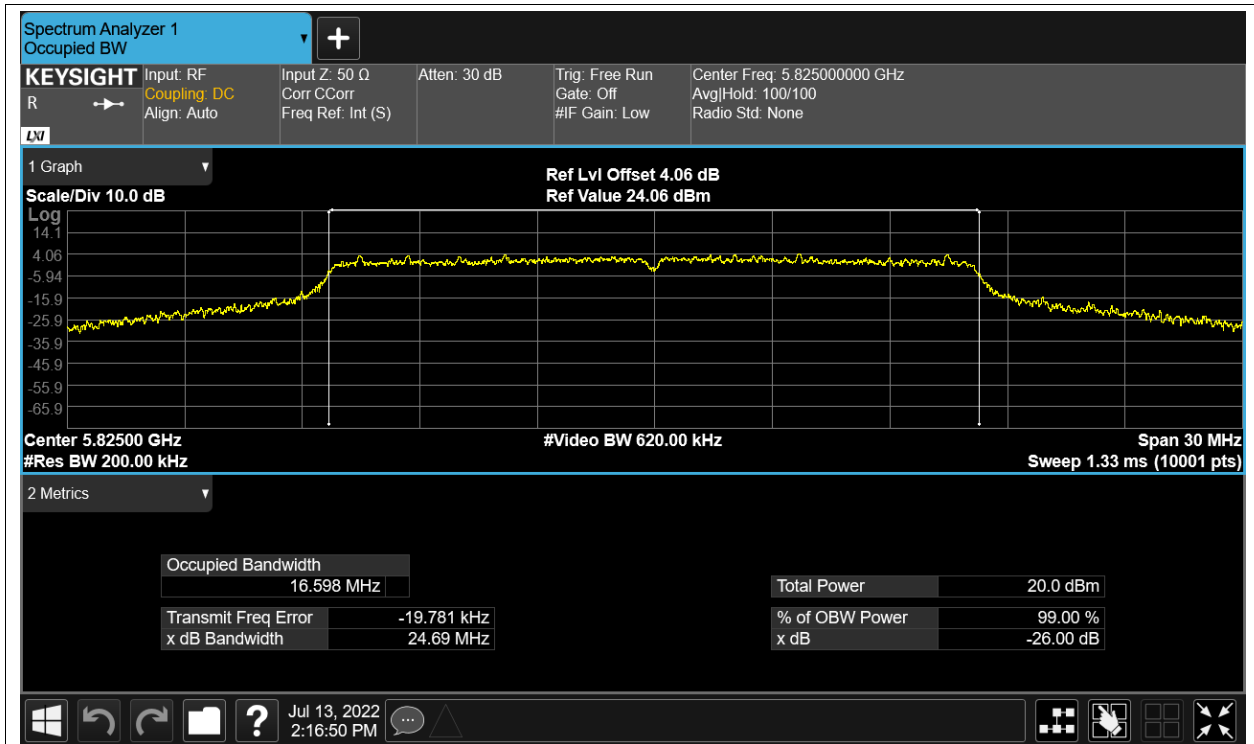
OBW NVNT a 5745MHz Ant1



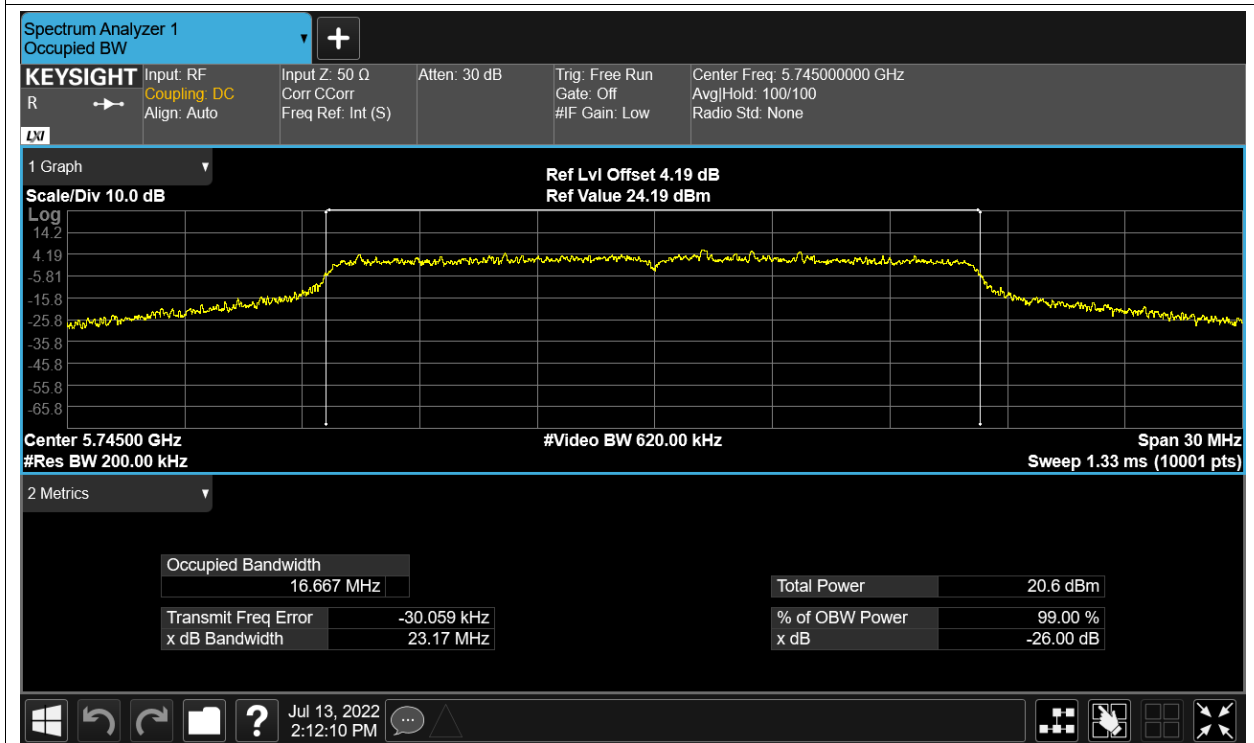
OBW NVNT a 5785MHz Ant1



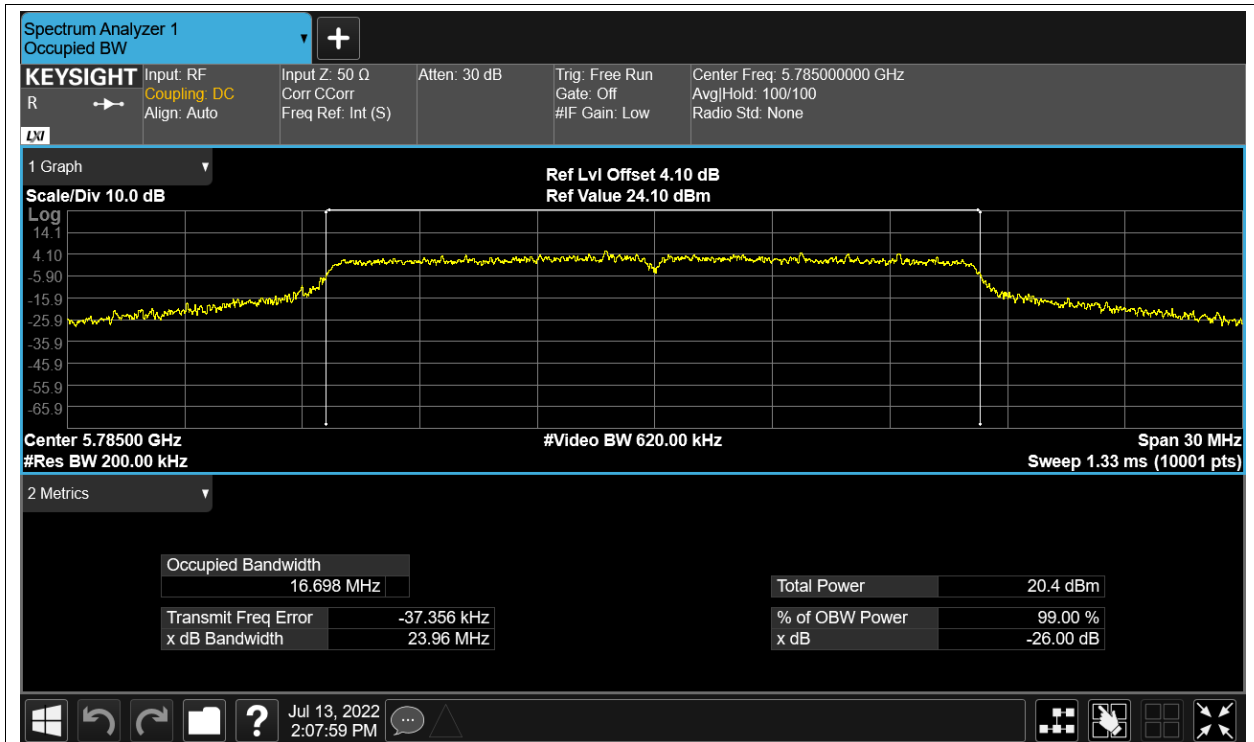
OBW NVNT a 5825MHz Ant1



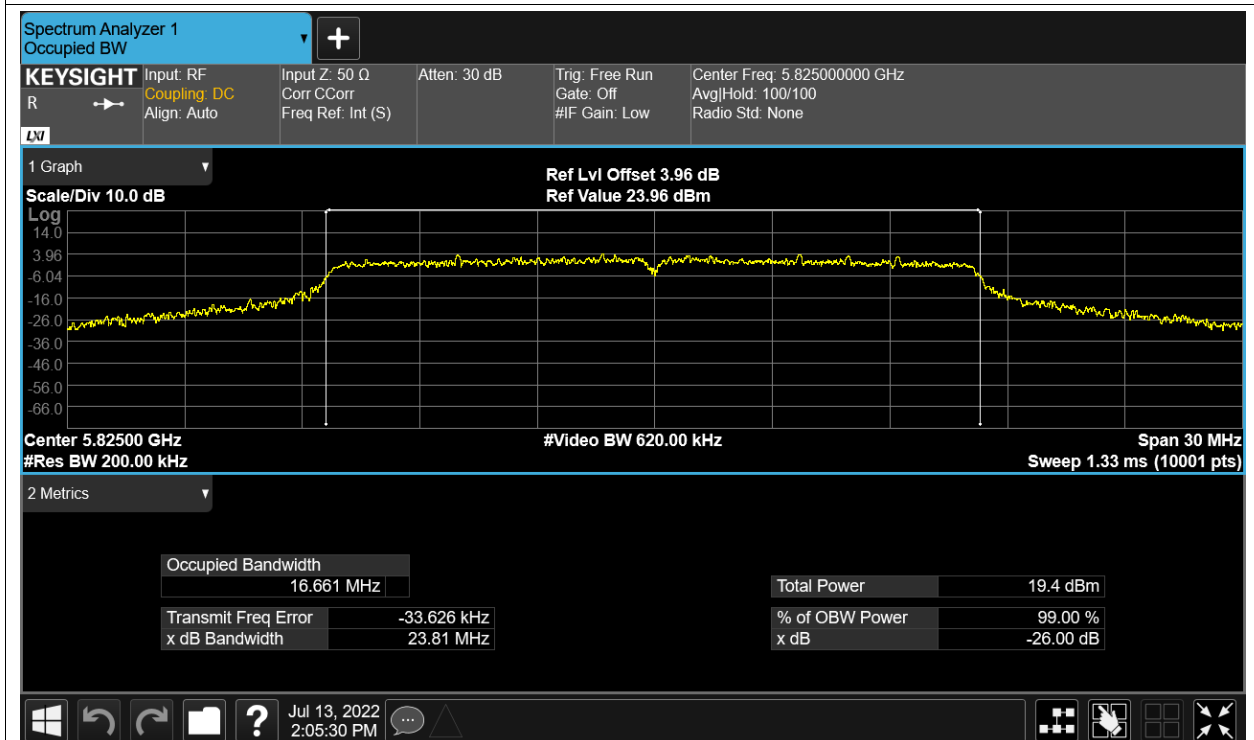
OBW NVNT a 5745MHz Ant2



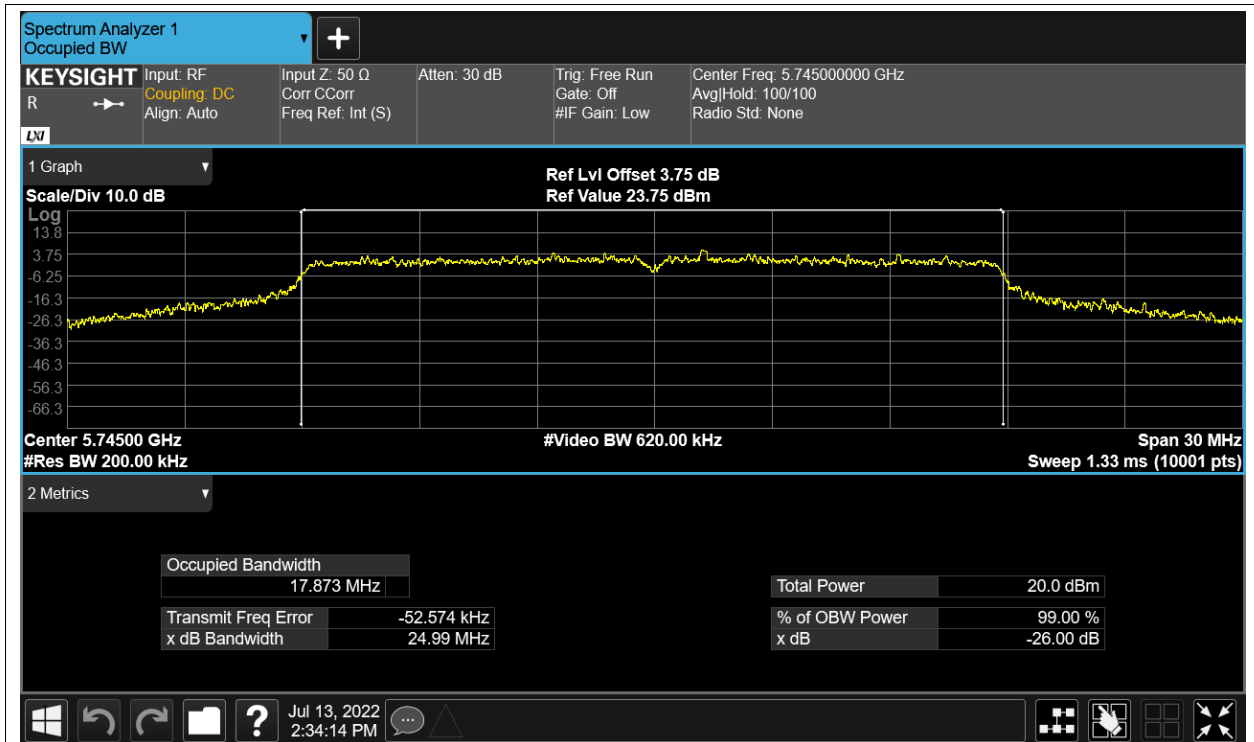
OBW NVNT a 5785MHz Ant2



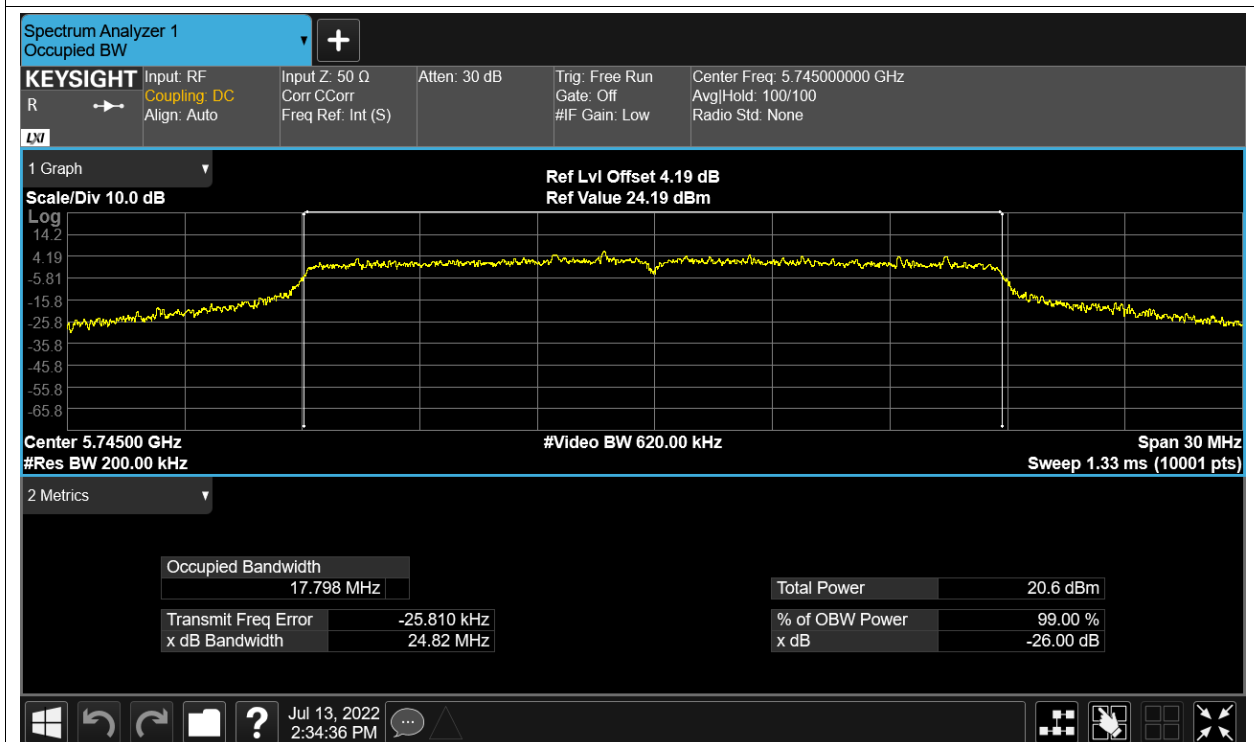
OBW NVNT a 5825MHz Ant2



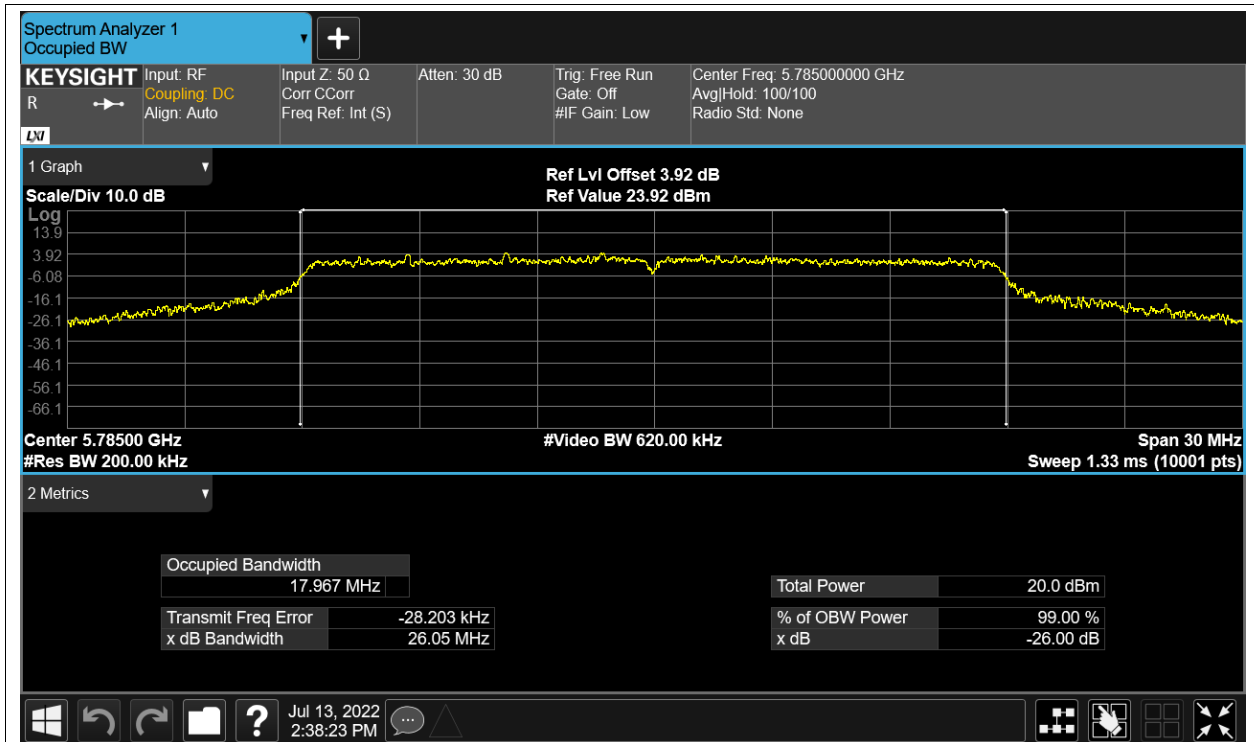
OBW NVNT ac20 5745MHz Ant1



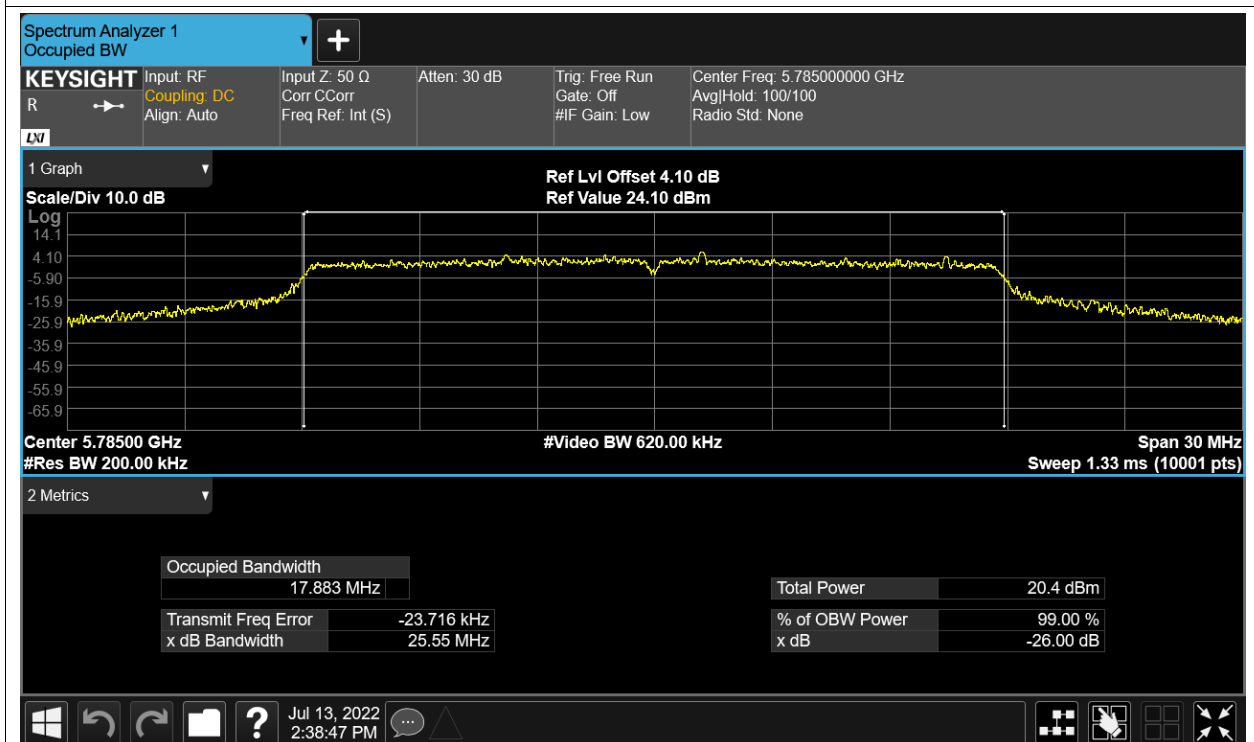
OBW NVNT ac20 5745MHz Ant2



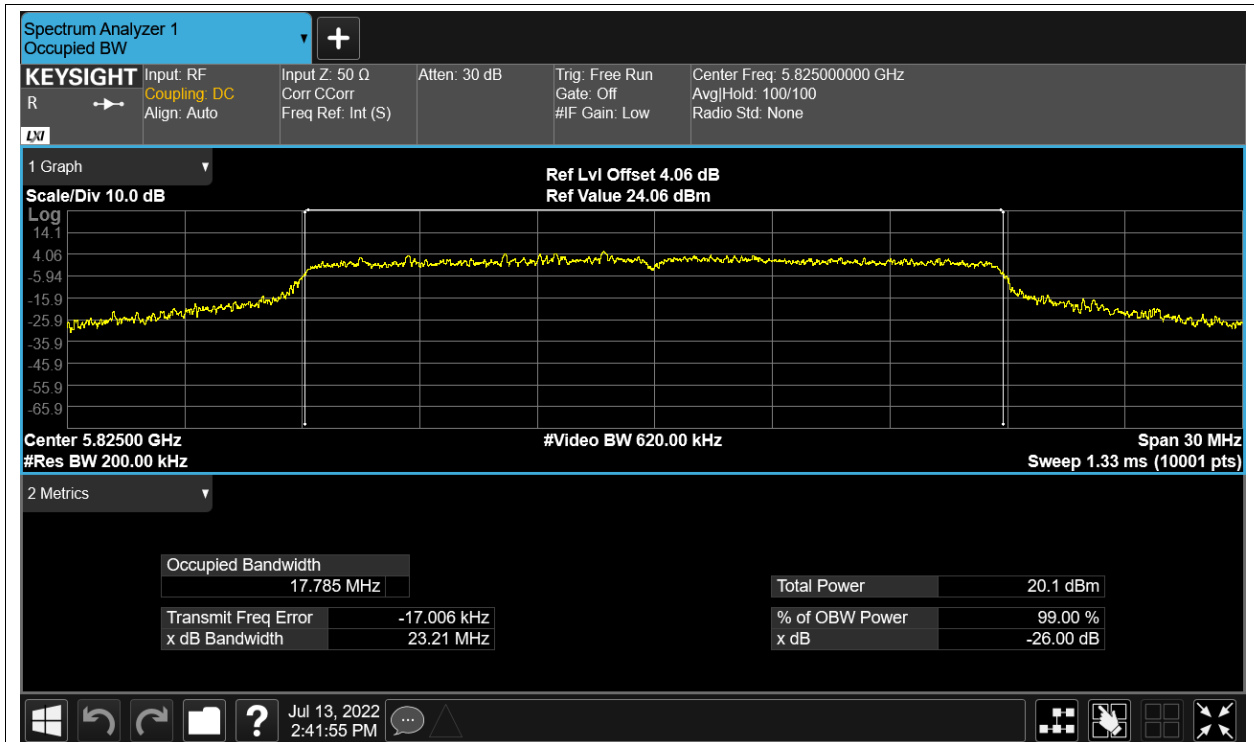
OBW NVNT ac20 5785MHz Ant1



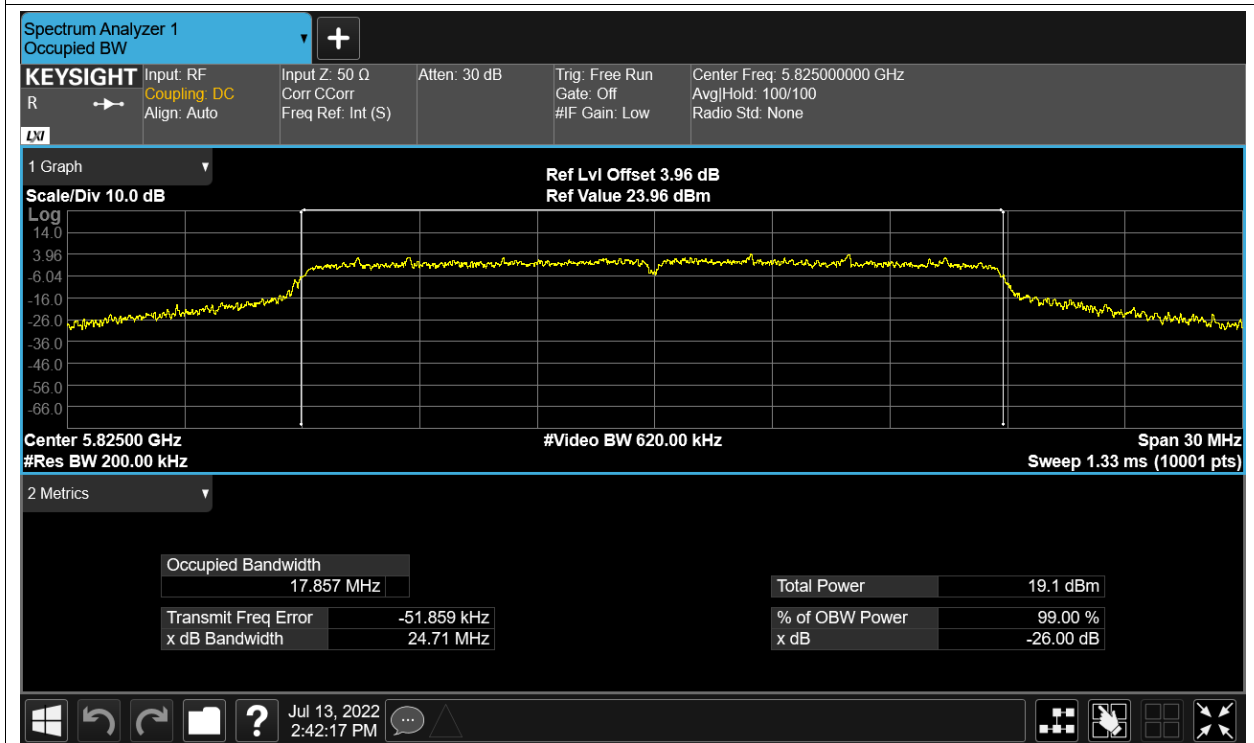
OBW NVNT ac20 5785MHz Ant2



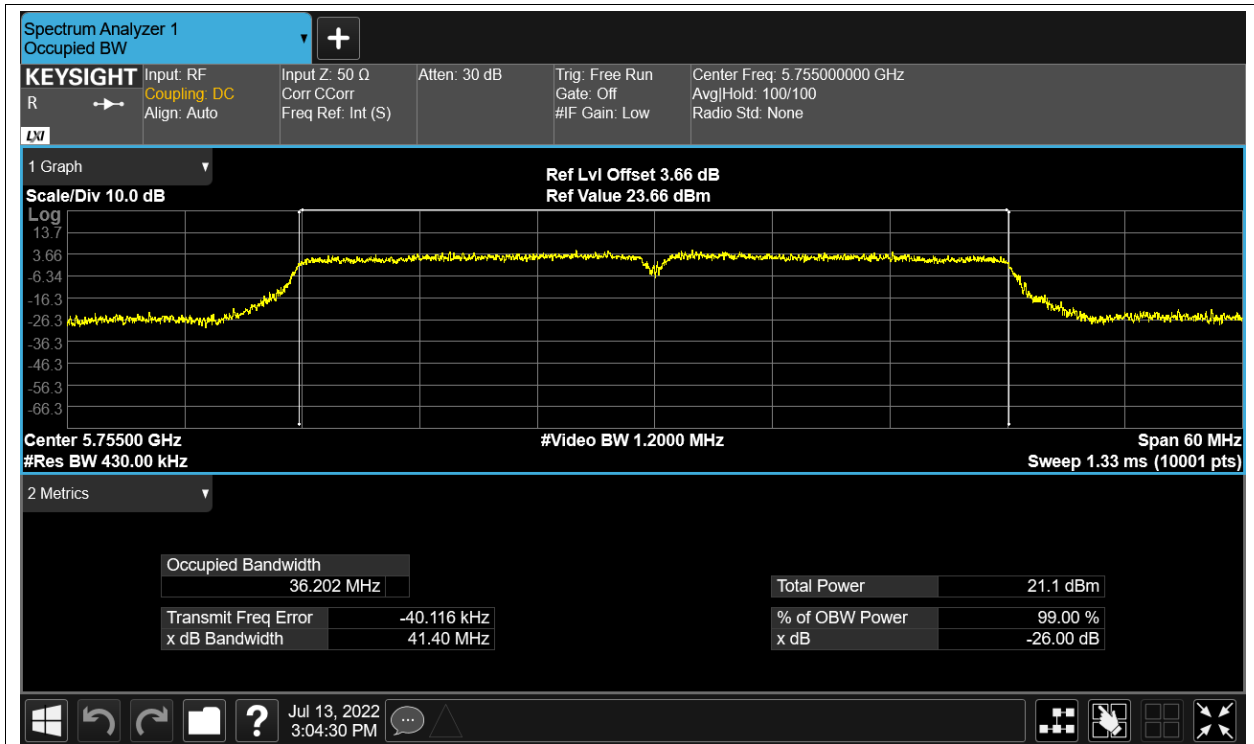
OBW NVNT ac20 5825MHz Ant1



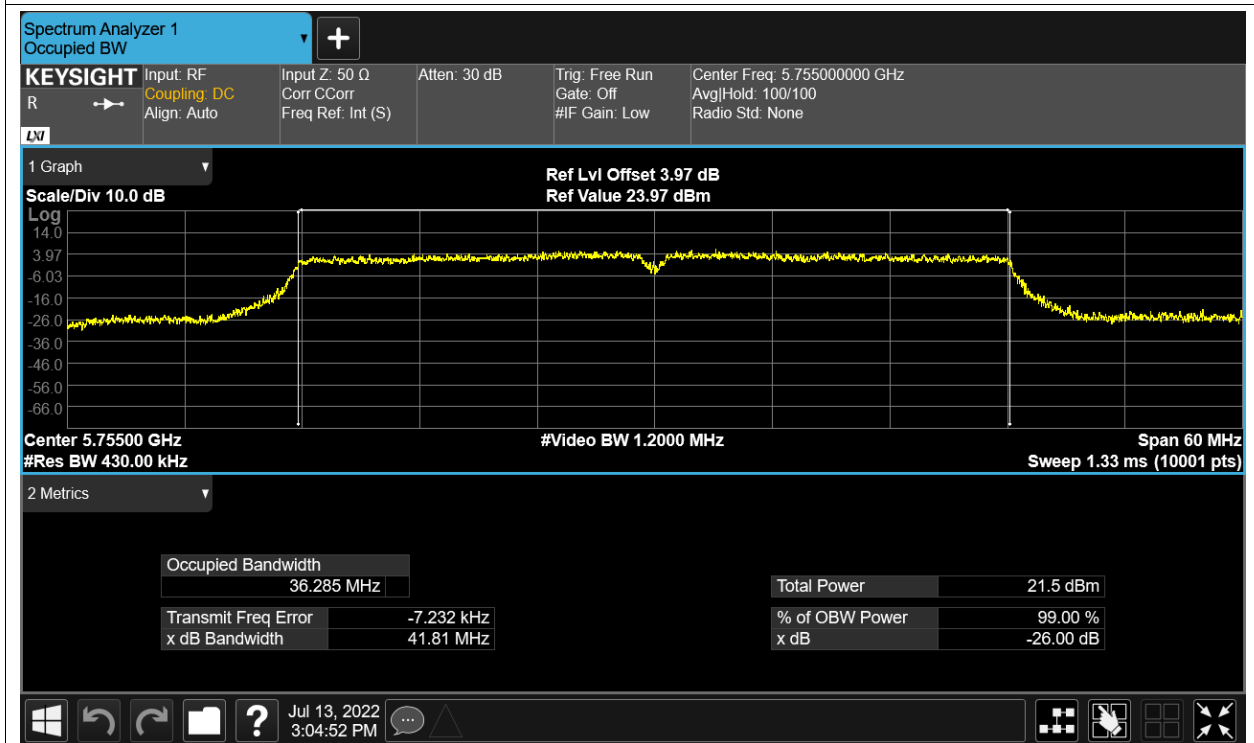
OBW NVNT ac20 5825MHz Ant2



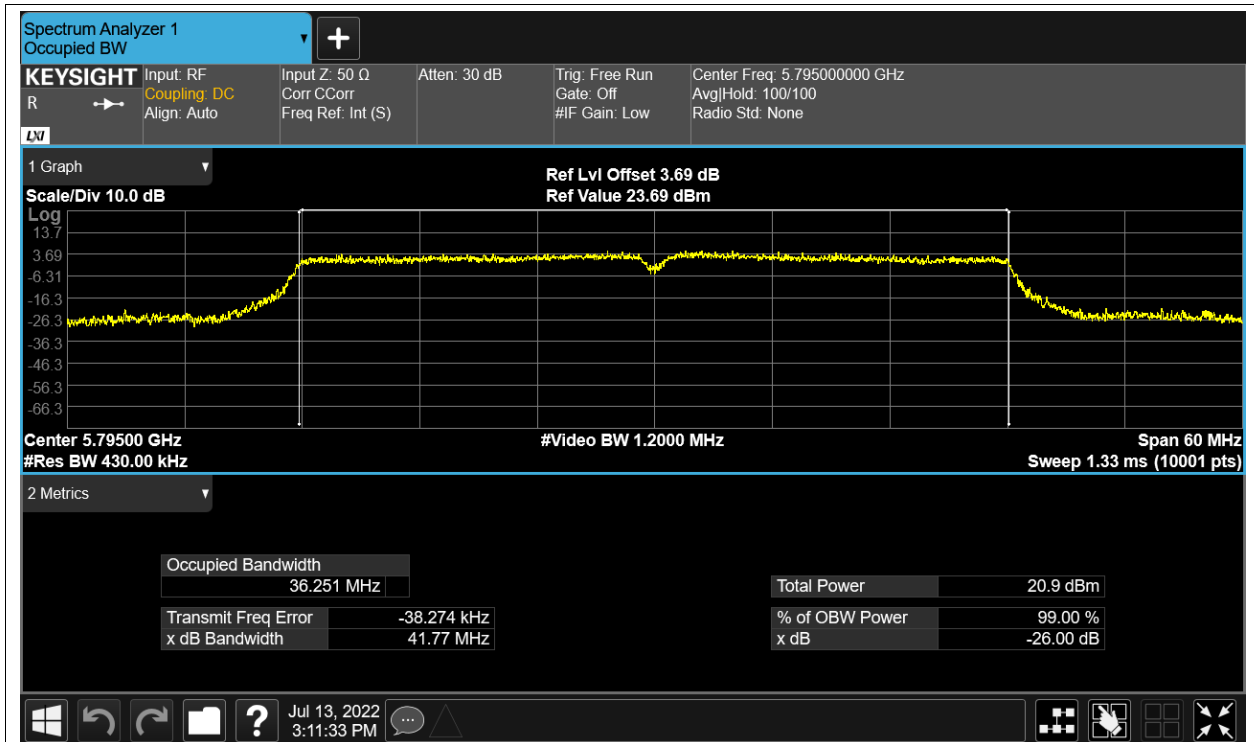
OBW NVNT ac40 5755MHz Ant1



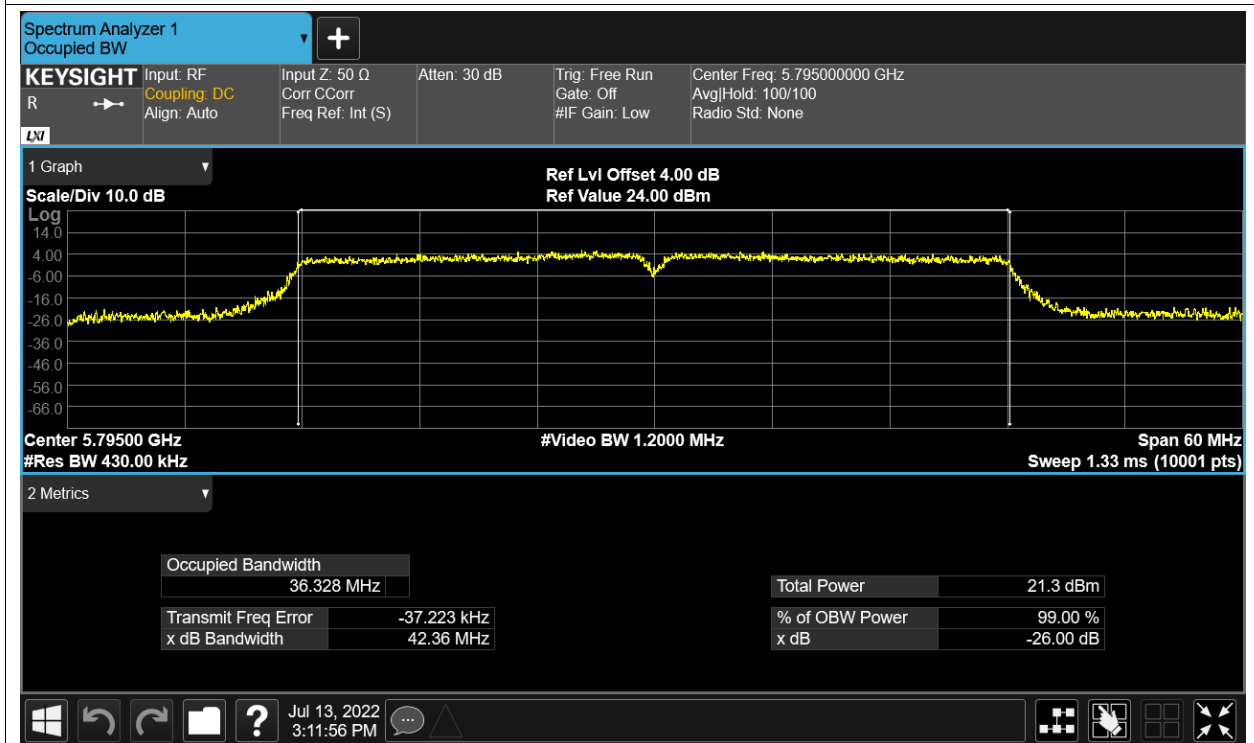
OBW NVNT ac40 5755MHz Ant2



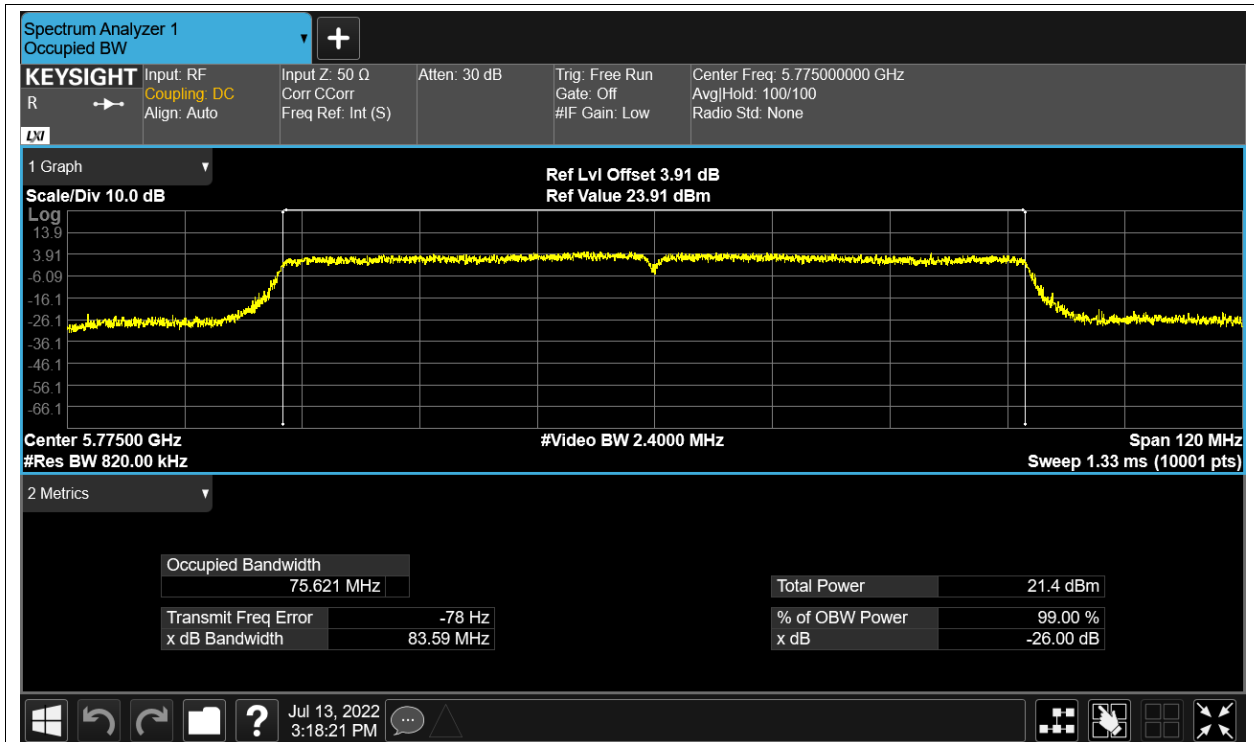
OBW NVNT ac40 5795MHz Ant1



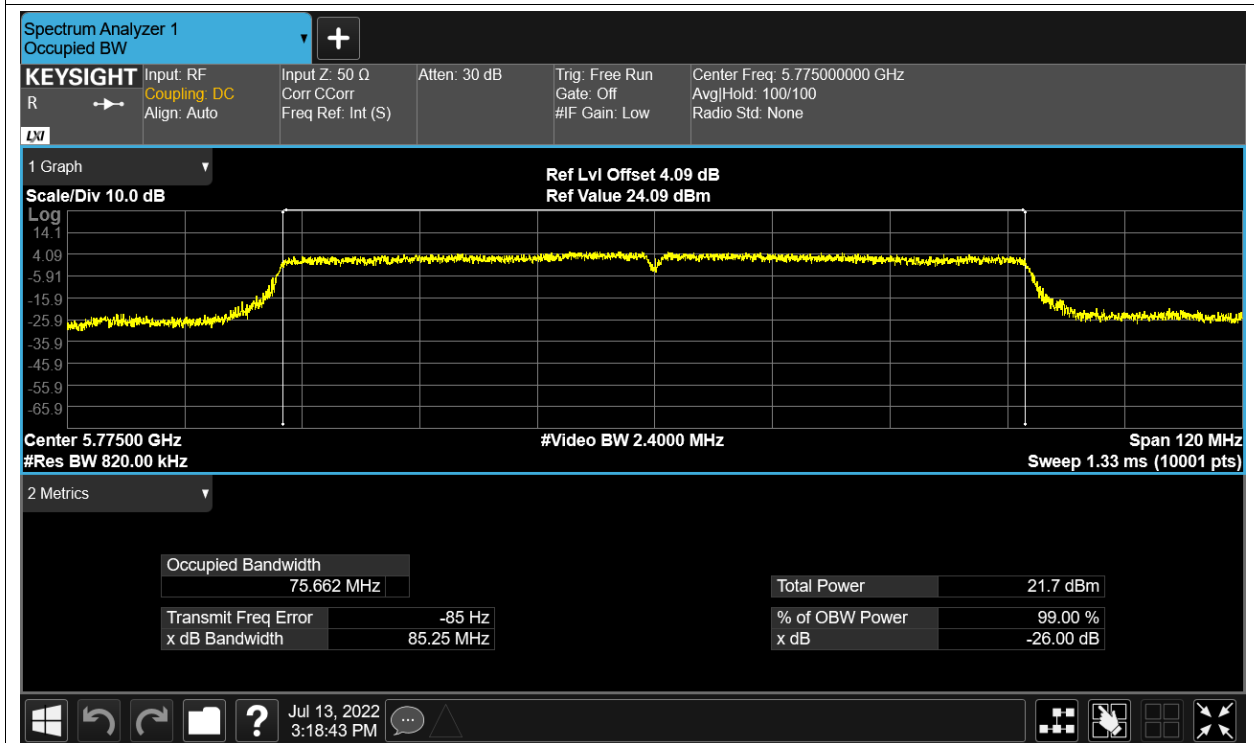
OBW NVNT ac40 5795MHz Ant2



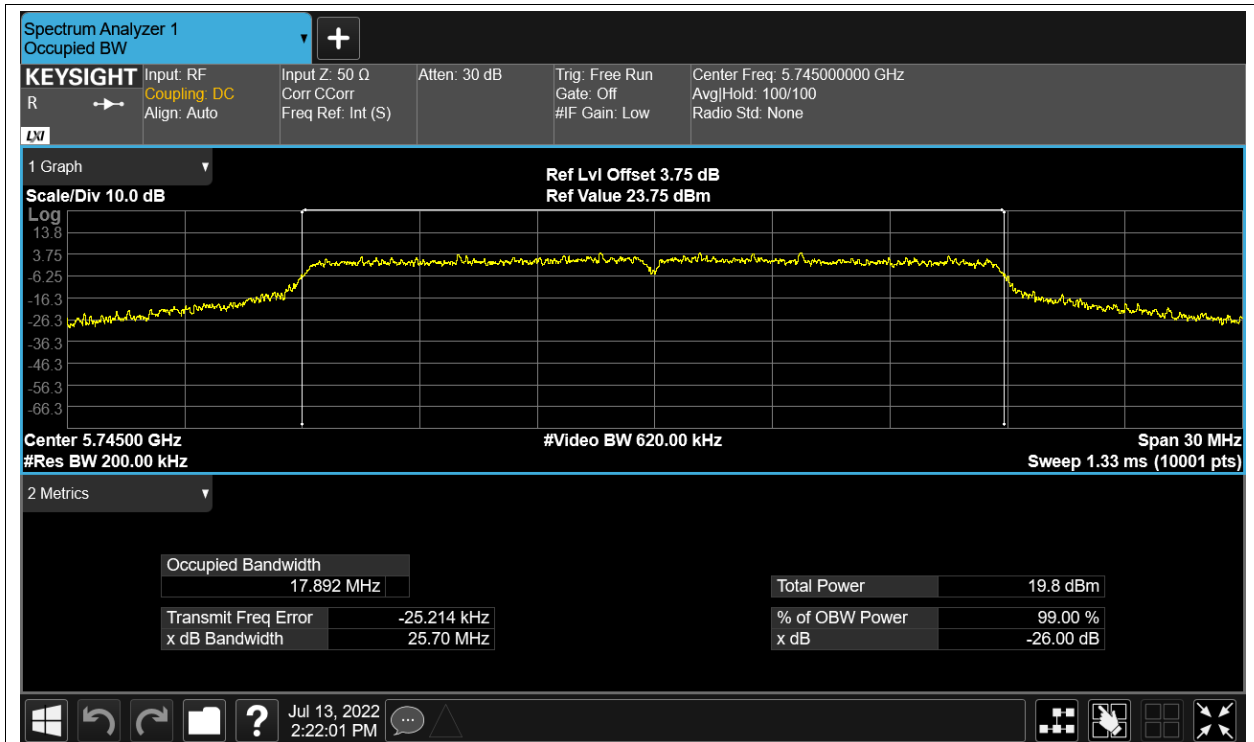
OBW NVNT ac80 5775MHz Ant1



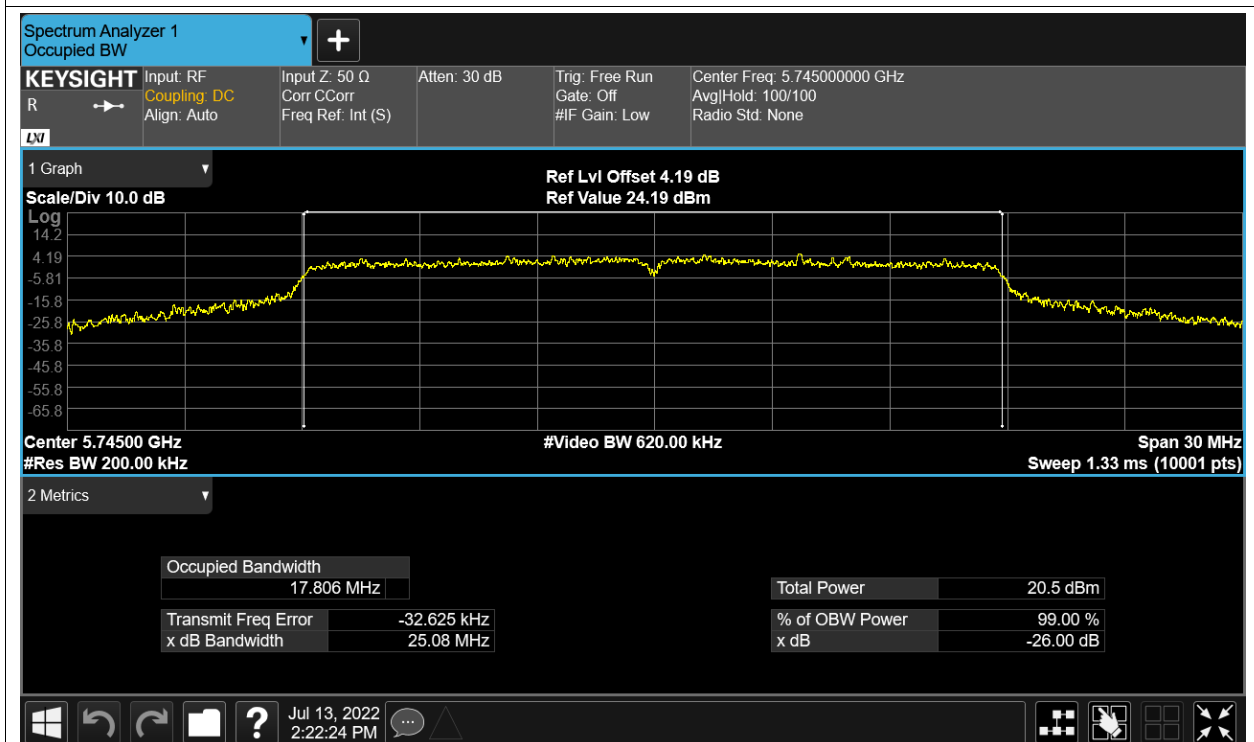
OBW NVNT ac80 5775MHz Ant2



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant1