

## Test Data

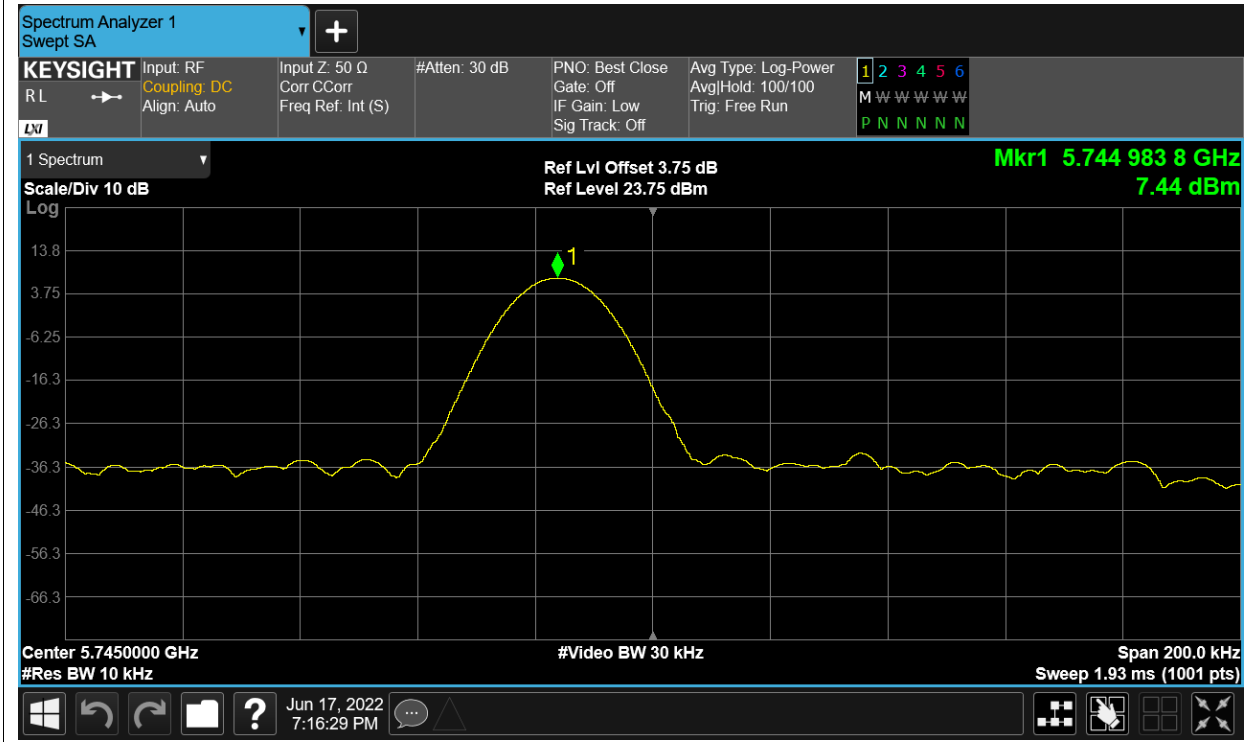
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant2	5744.9838	-2.82	Within authorized band	Pass
LVNT	a	5745	Ant2	5744.9838	-2.82		Pass
NVHT	a	5745	Ant2	5744.9838	-2.82		Pass
NVLT	a	5745	Ant2	5744.9838	-2.82		Pass
NVNT	a	5745	Ant2	5744.9838	-2.82		Pass
HVNT	ac80	5775	Ant2	5774.9826	-3.01		Pass
LVNT	ac80	5775	Ant2	5774.9826	-3.01		Pass
NVHT	ac80	5775	Ant2	5774.9828	-2.98		Pass
NVLT	ac80	5775	Ant2	5774.9828	-2.98		Pass
NVNT	ac80	5775	Ant2	5774.983	-2.94		Pass
HVNT	n40	5755	Ant2	5754.9836	-2.85		Pass
LVNT	n40	5755	Ant2	5754.9836	-2.85		Pass
NVHT	n40	5755	Ant2	5754.9836	-2.85		Pass
NVLT	n40	5755	Ant2	5754.9836	-2.85		Pass
NVNT	n40	5755	Ant2	5754.9836	-2.85		Pass

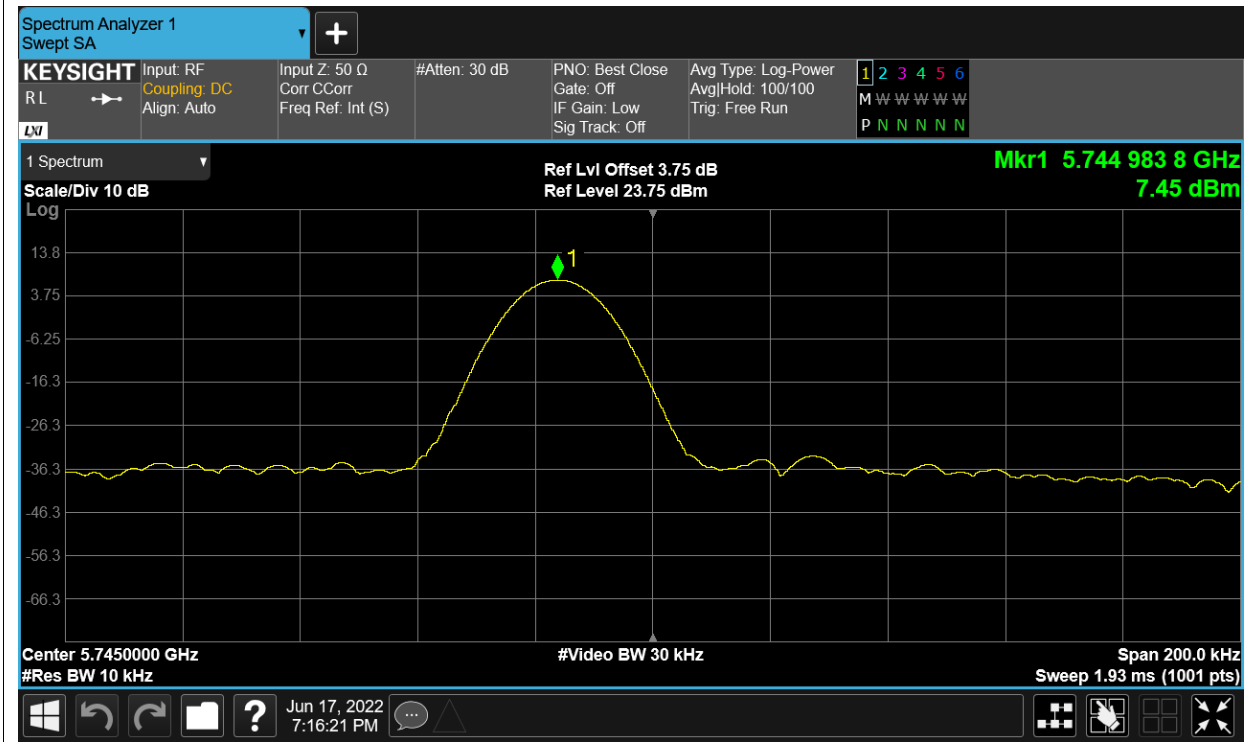
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

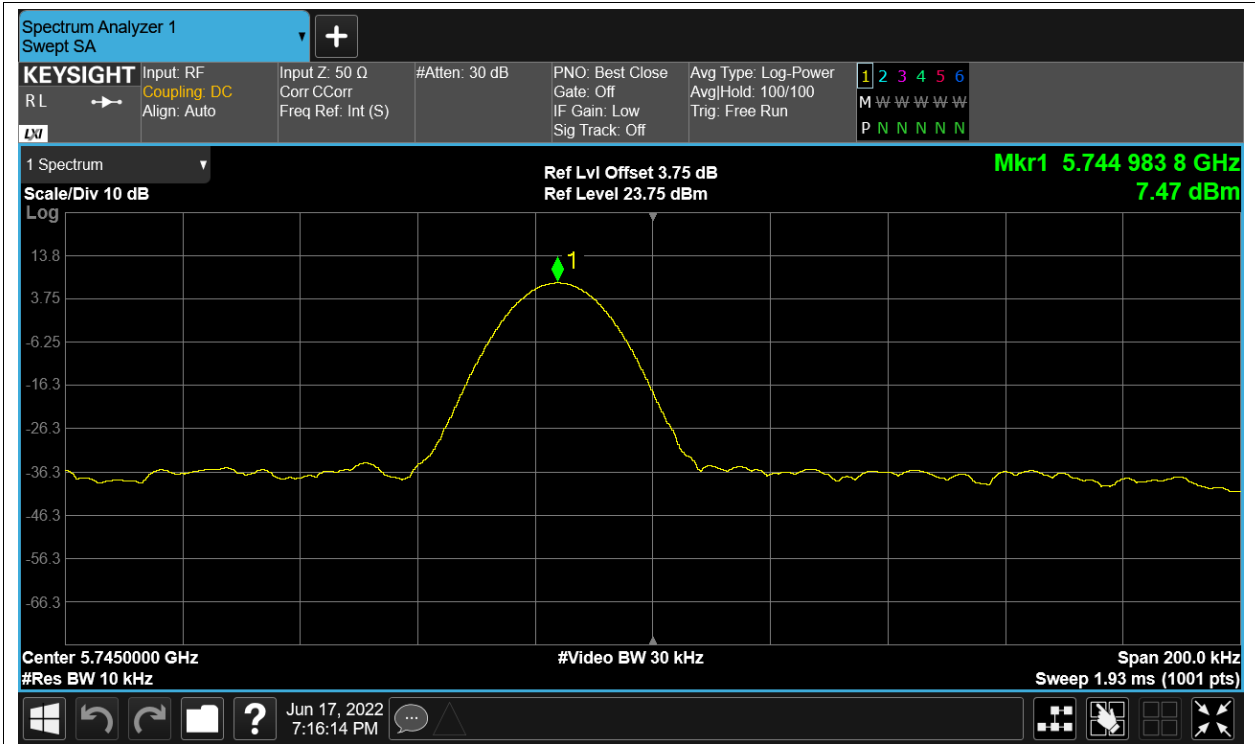
Freq. Stability HVNT a 5745MHz Ant2



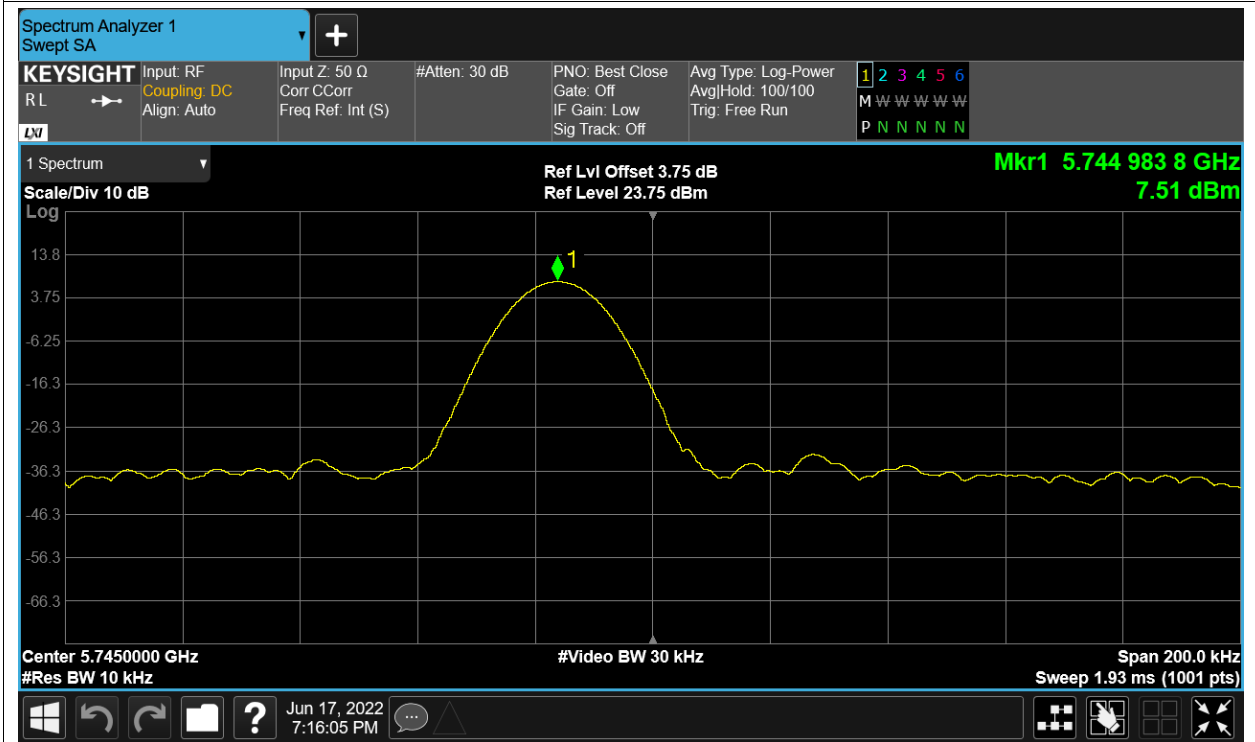
Freq. Stability LVNT a 5745MHz Ant2



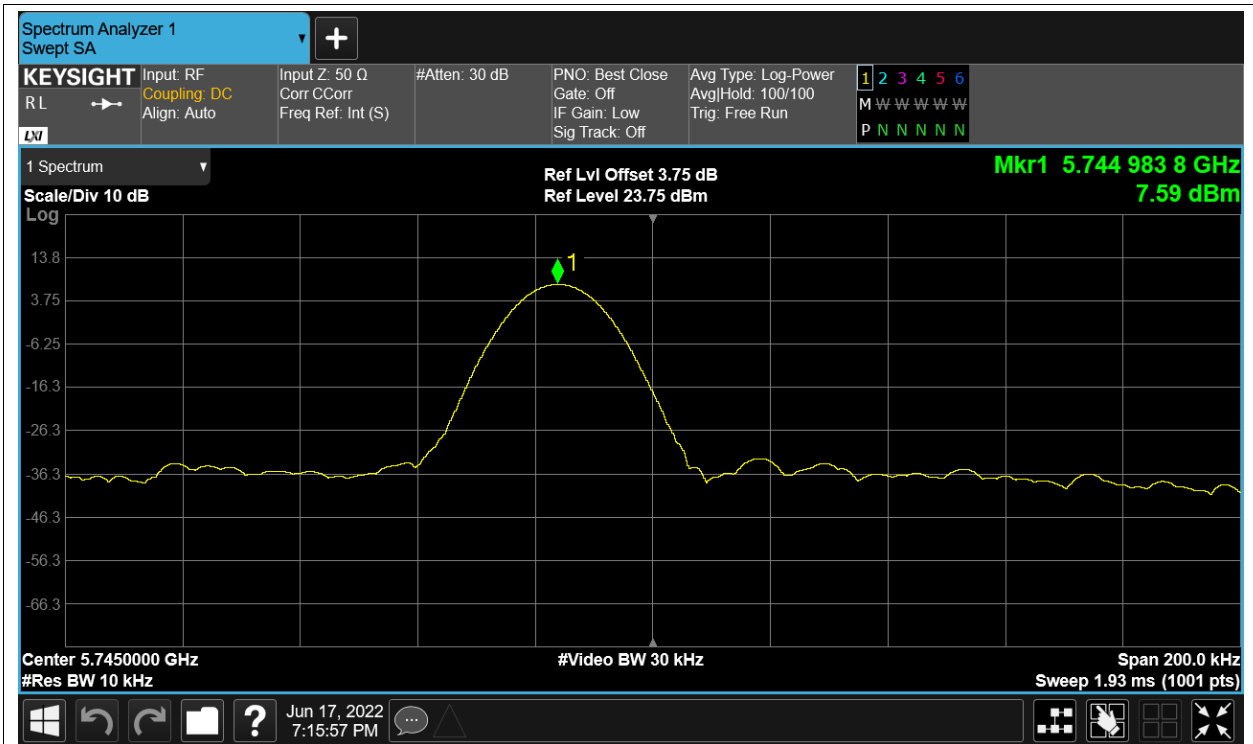
Freq. Stability NVHT a 5745MHz Ant2



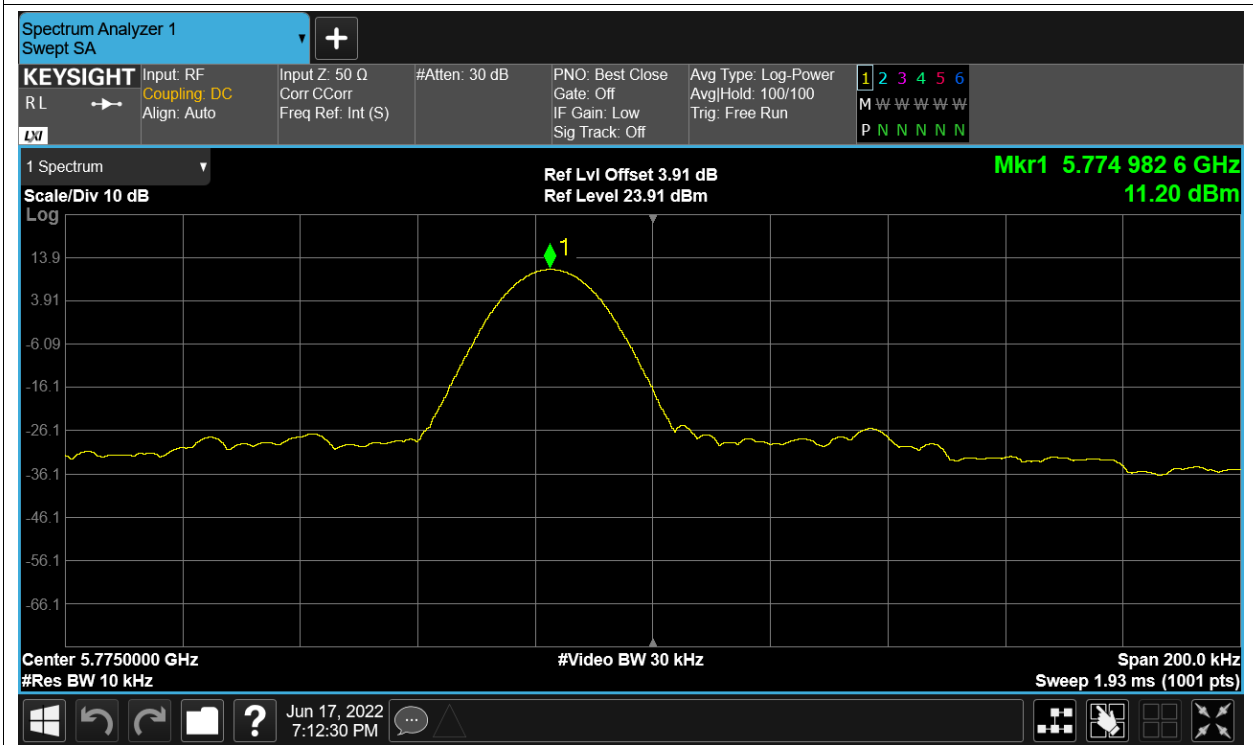
Freq. Stability NVLT a 5745MHz Ant2



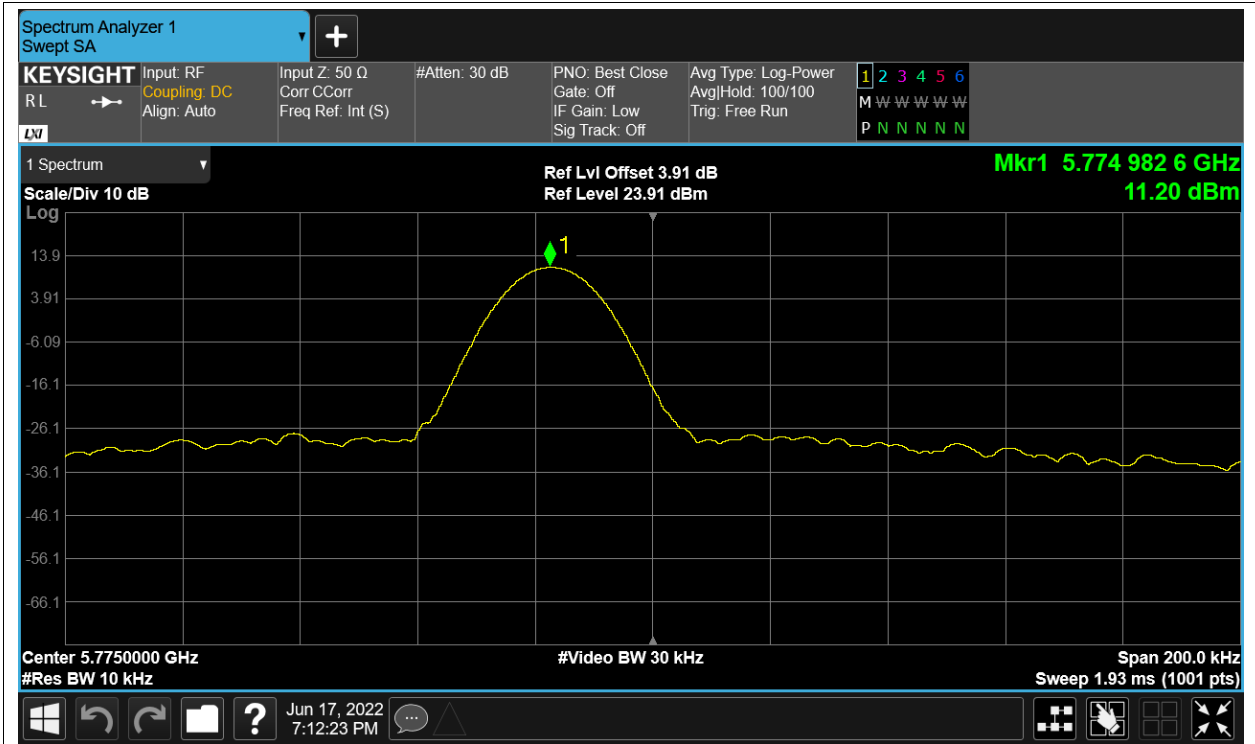
Freq. Stability NVNT a 5745MHz Ant2



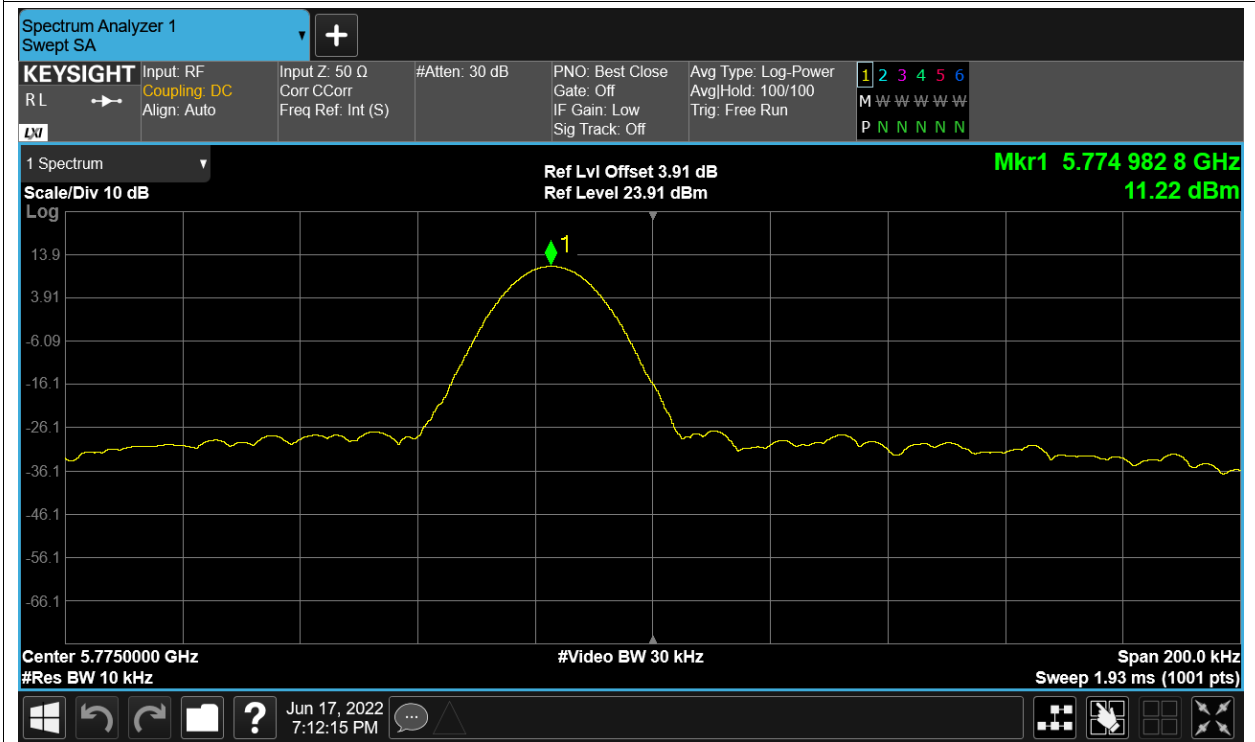
Freq. Stability HVNT ac80 5775MHz Ant2



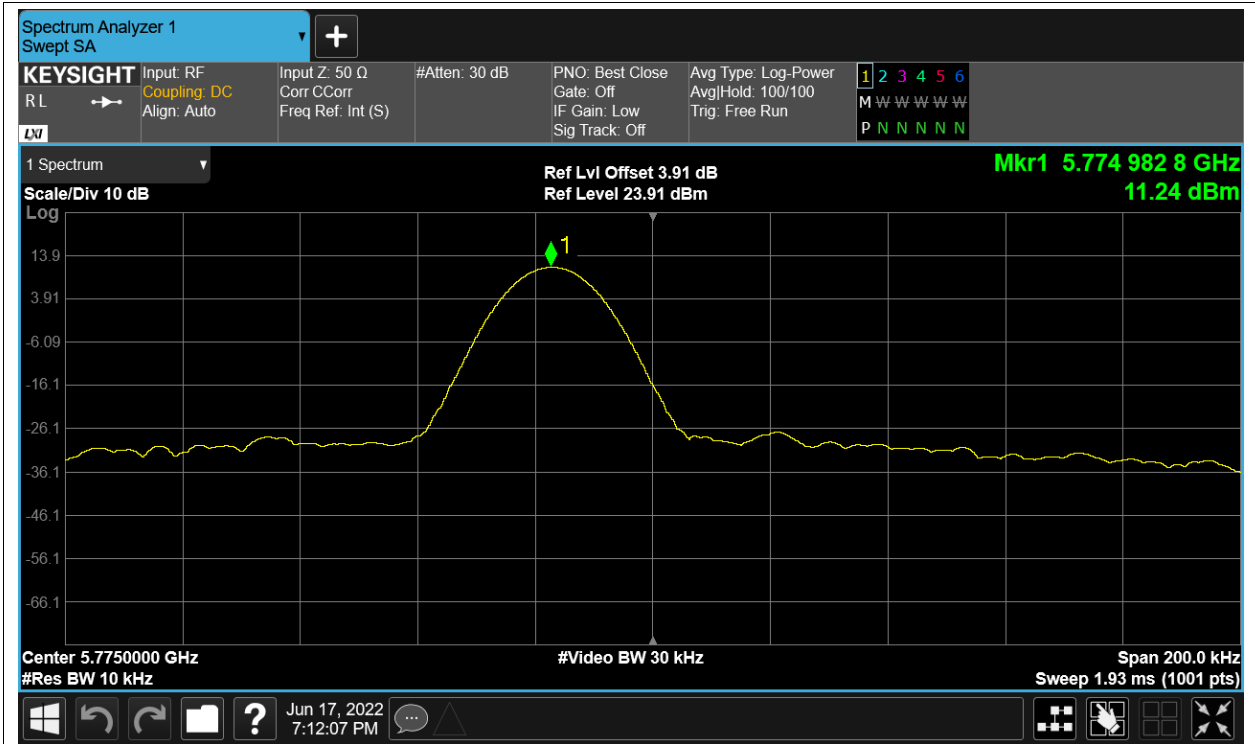
Freq. Stability LVNT ac80 5775MHz Ant2



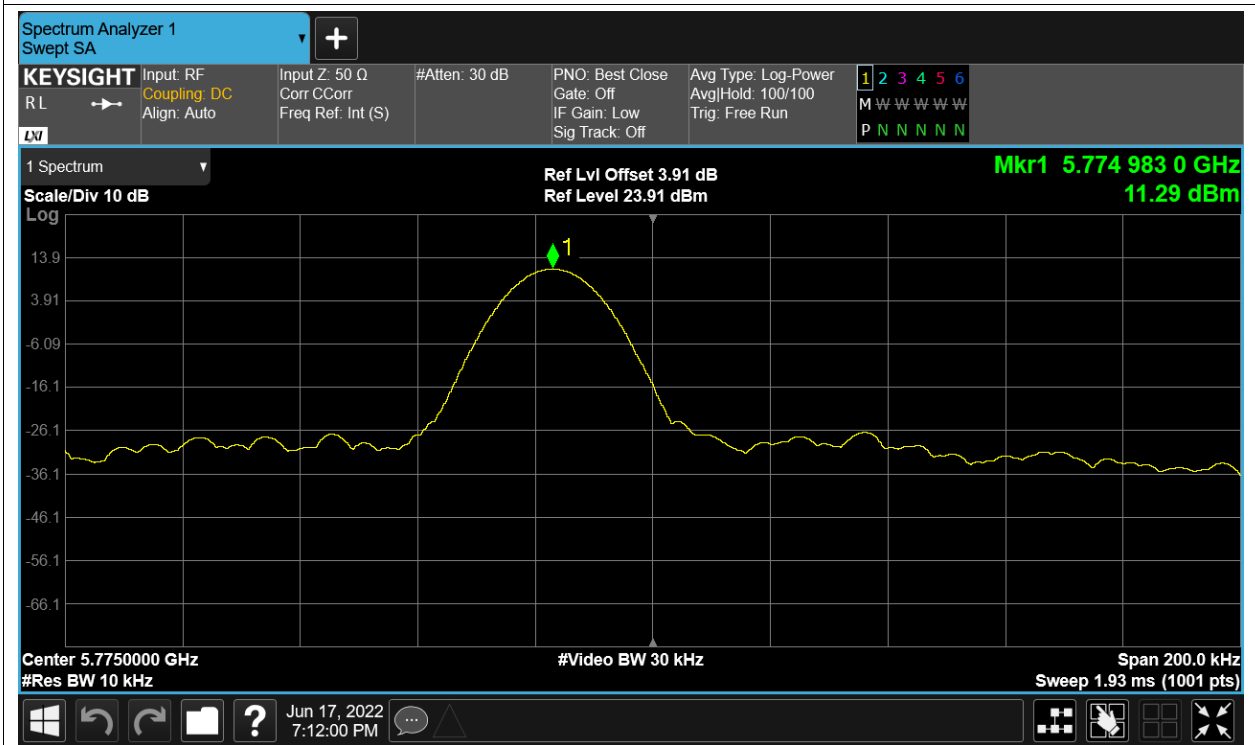
Freq. Stability NVHT ac80 5775MHz Ant2



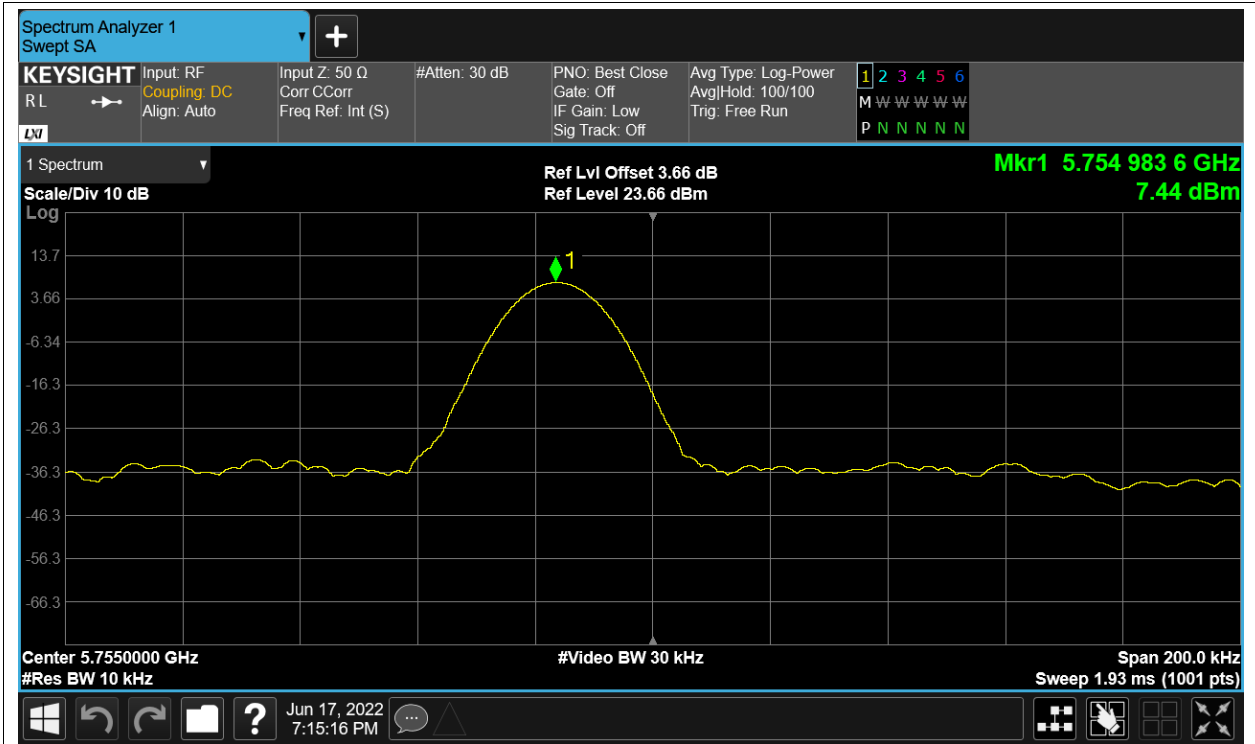
Freq. Stability NVLT ac80 5775MHz Ant2



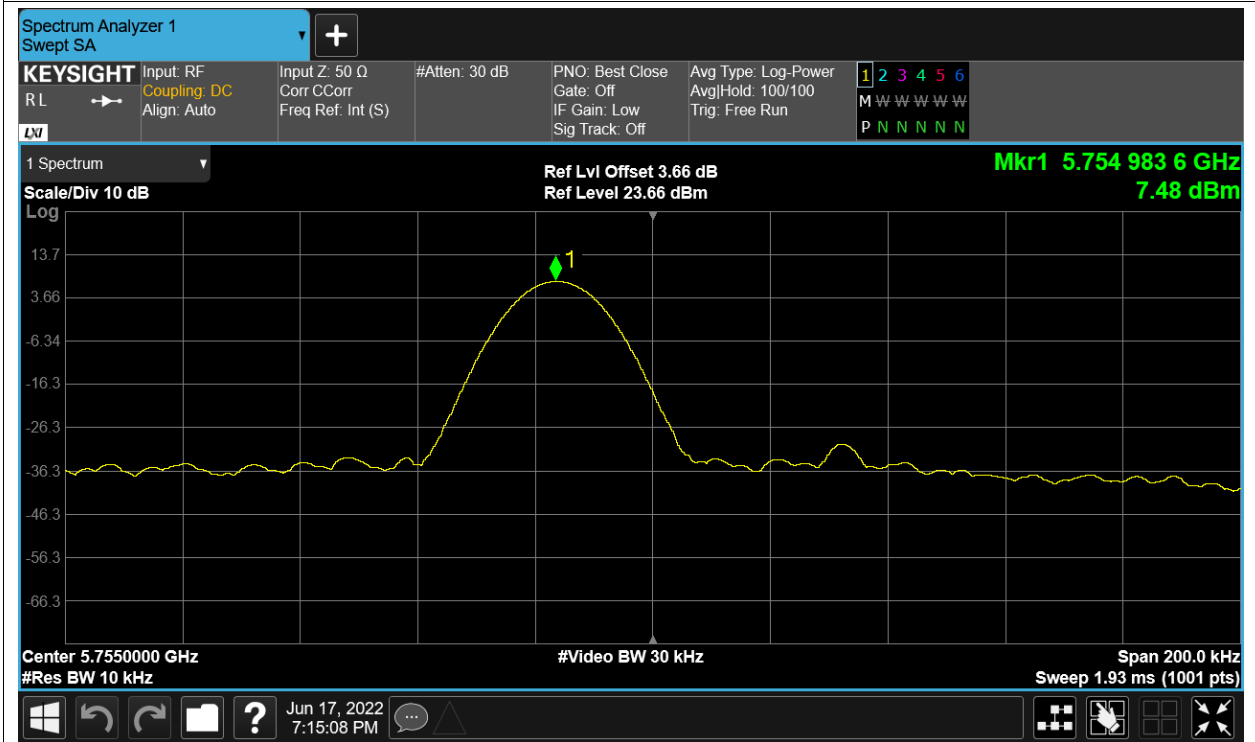
Freq. Stability NVNT ac80 5775MHz Ant2



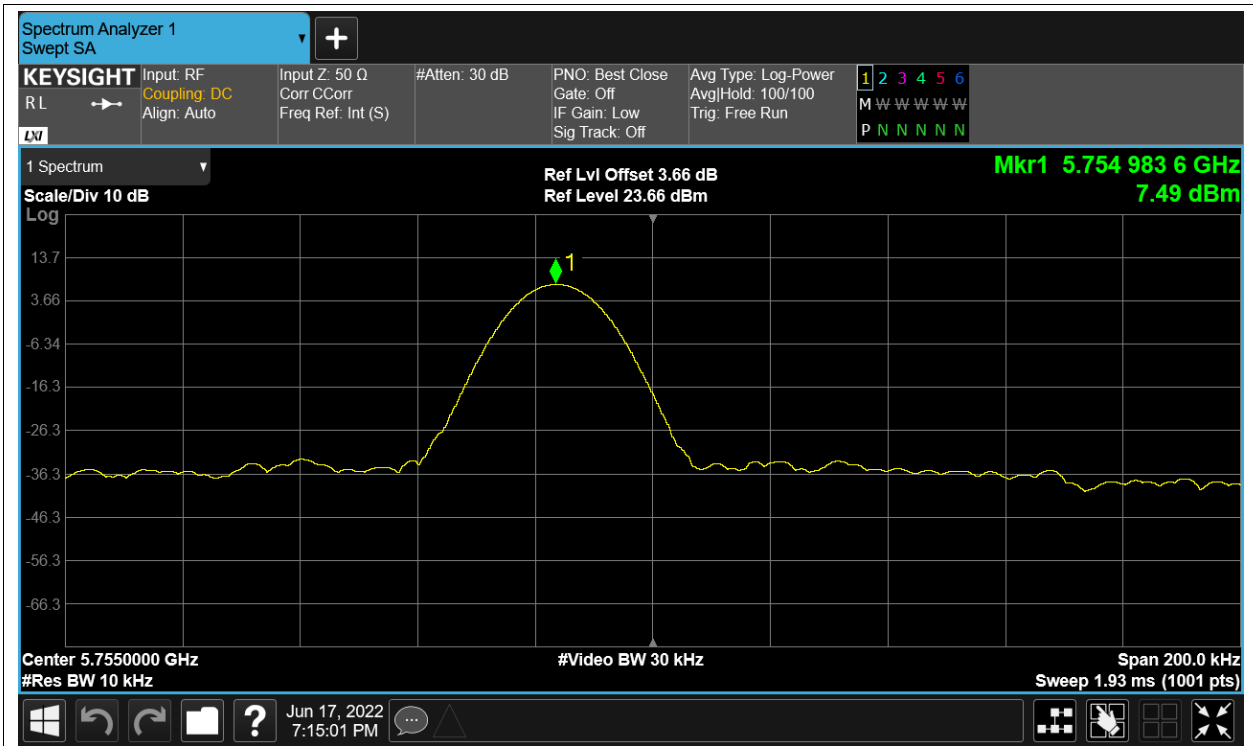
Freq. Stability HVNT n40 5755MHz Ant2



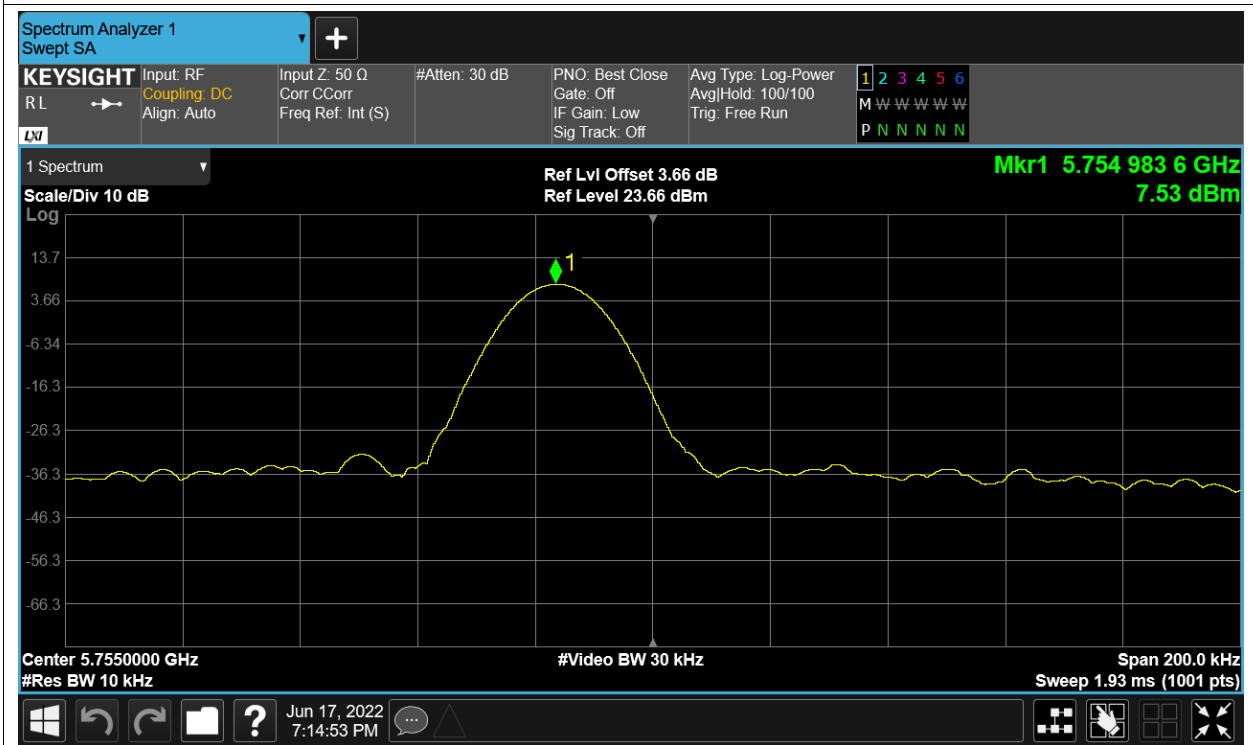
Freq. Stability LVNT n40 5755MHz Ant2



Freq. Stability NVHT n40 5755MHz Ant2

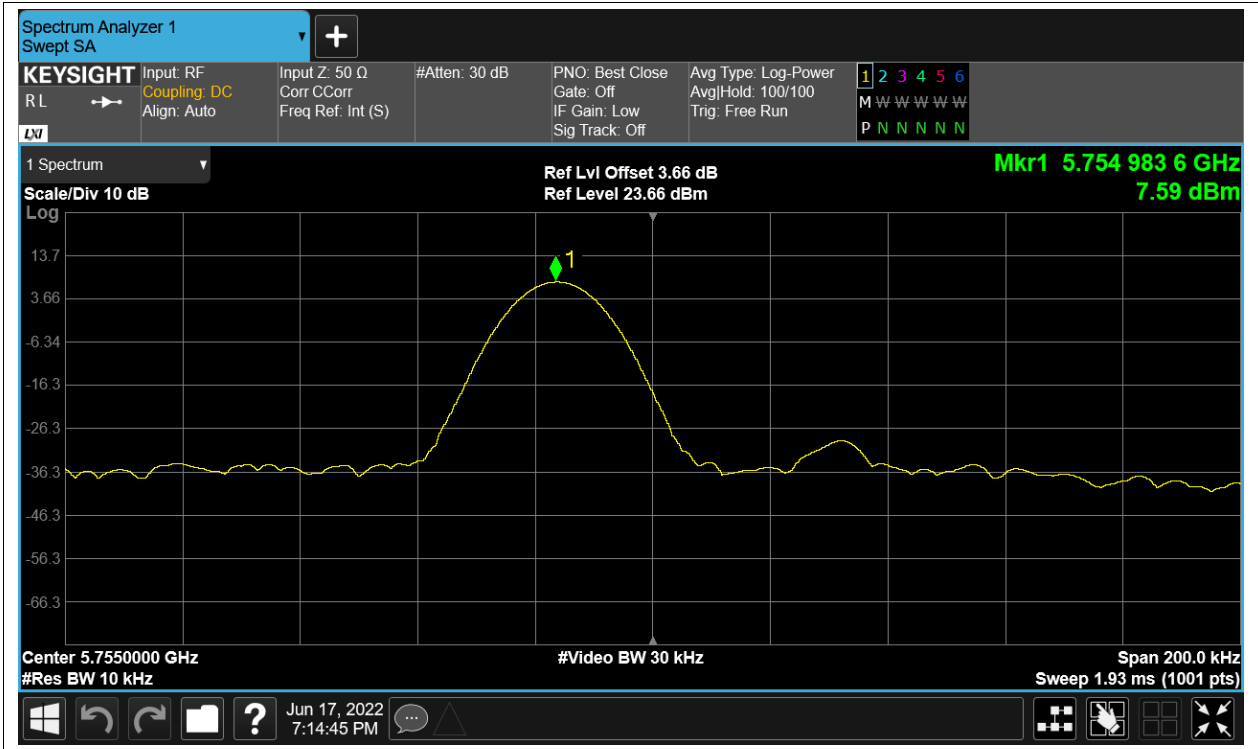


Freq. Stability NVLT n40 5755MHz Ant2



Freq. Stability NVNT n40 5755MHz Ant2



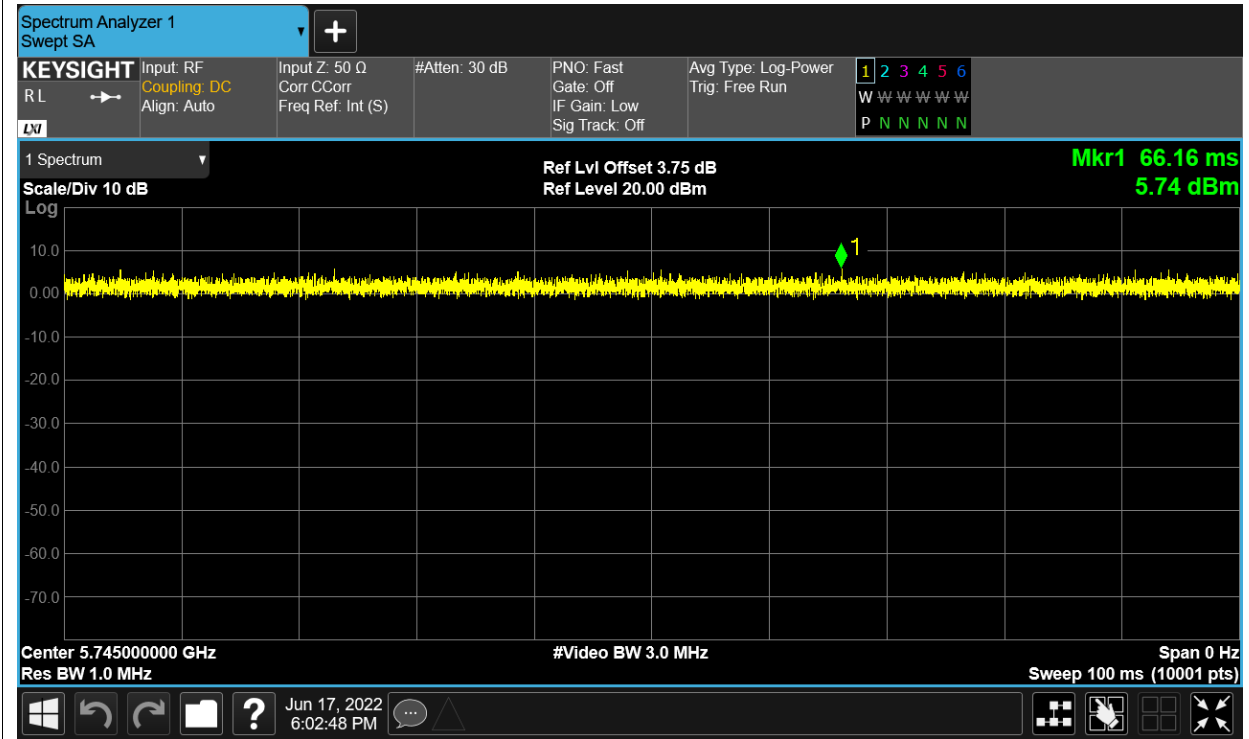


## Duty Cycle

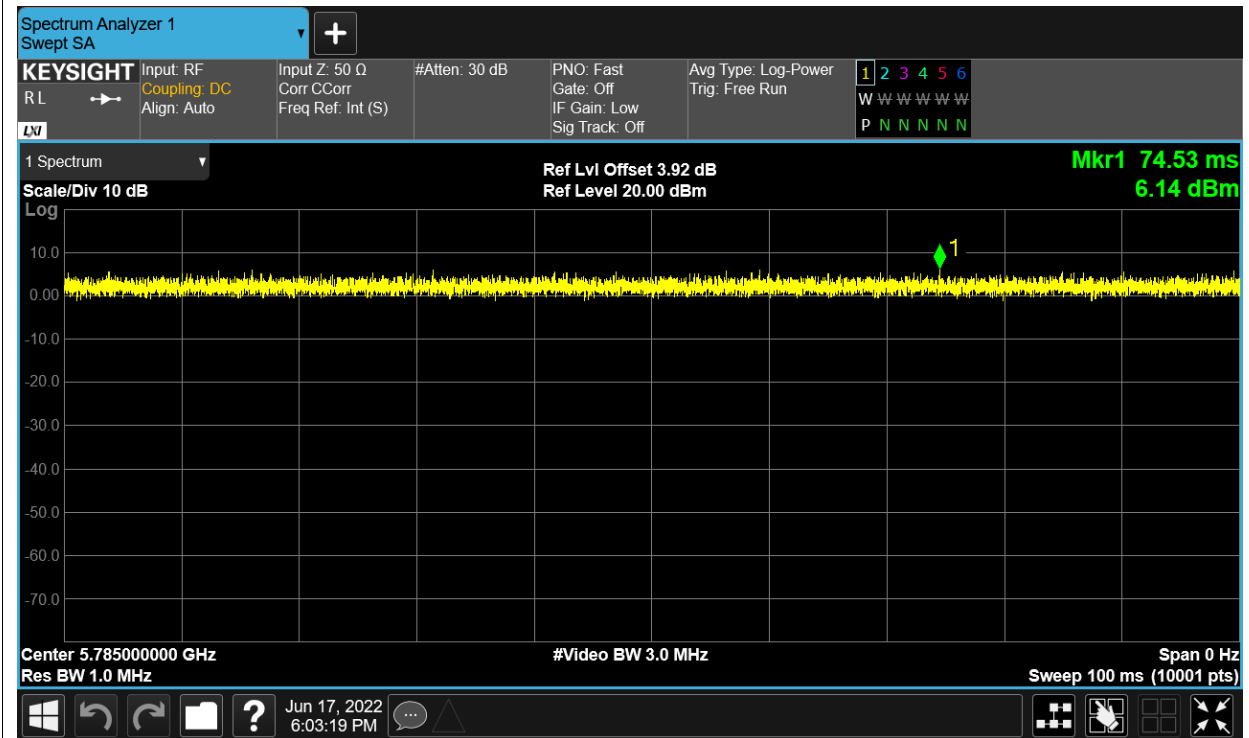
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	ac20	5745	Ant2	100	0
NVNT	ac20	5785	Ant2	100	0
NVNT	ac20	5825	Ant2	100	0
NVNT	ac40	5755	Ant2	100	0
NVNT	ac40	5795	Ant2	100	0
NVNT	ac80	5775	Ant2	100	0
NVNT	n20	5745	Ant2	100	0
NVNT	n20	5785	Ant2	100	0
NVNT	n20	5825	Ant2	100	0
NVNT	n40	5755	Ant2	100	0
NVNT	n40	5795	Ant2	100	0

Test Graphs

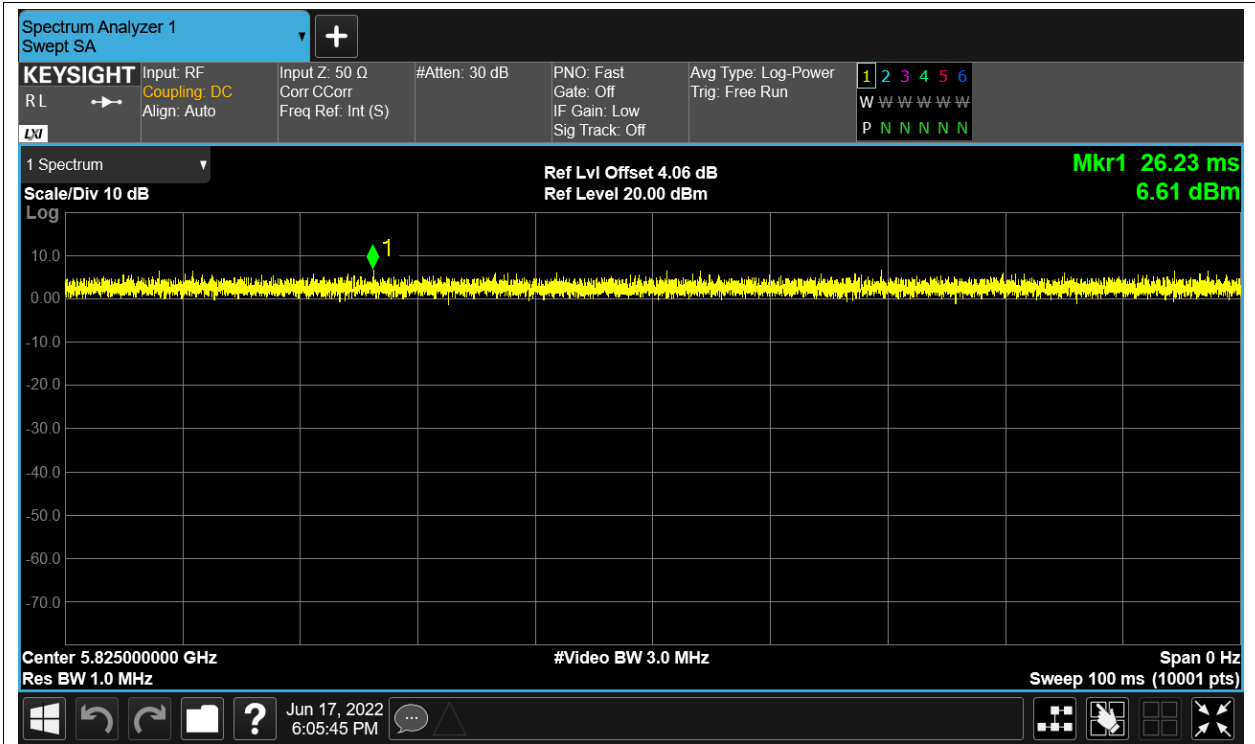
Duty Cycle NVNT a 5745MHz Ant2



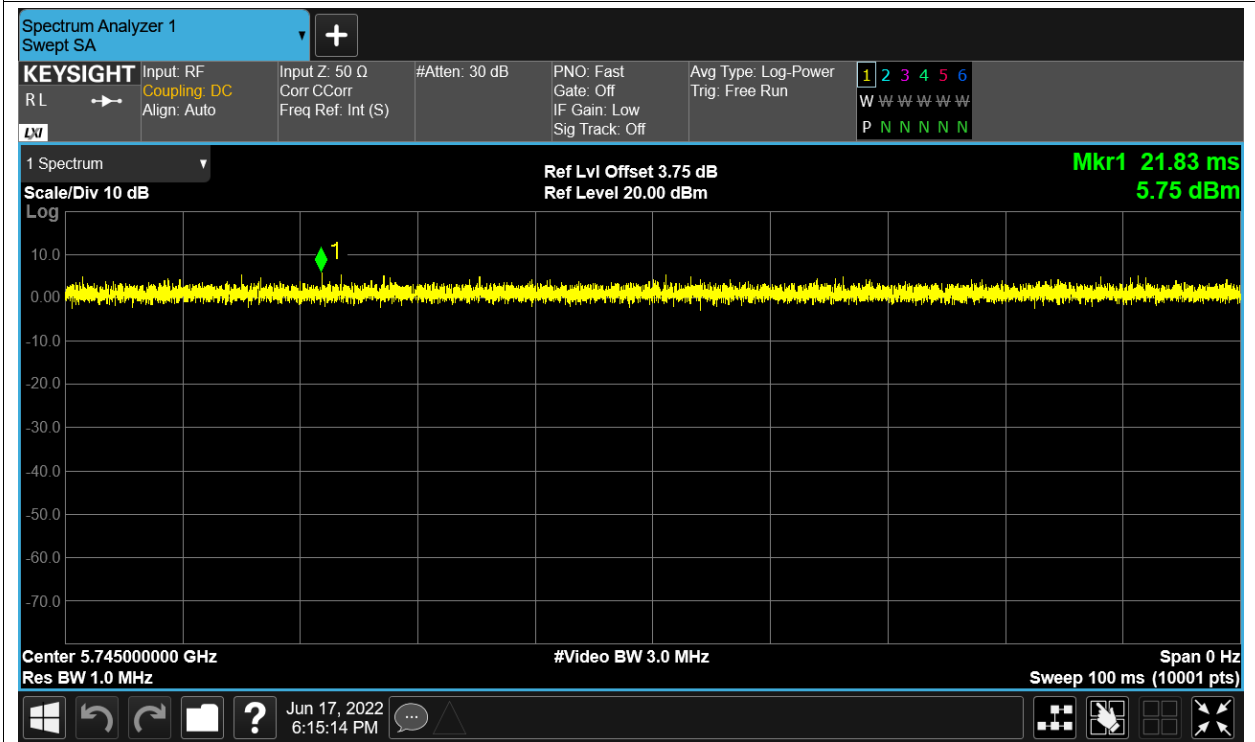
Duty Cycle NVNT a 5785MHz Ant2



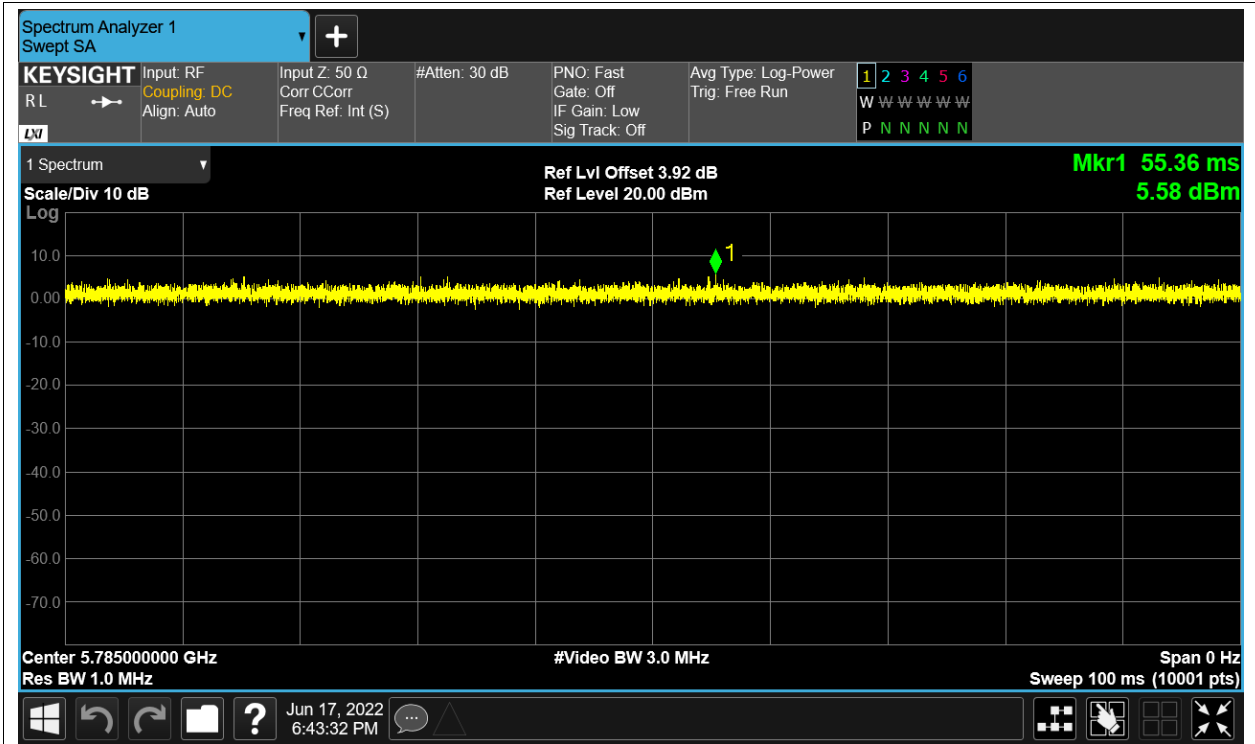
Duty Cycle NVNT a 5825MHz Ant2



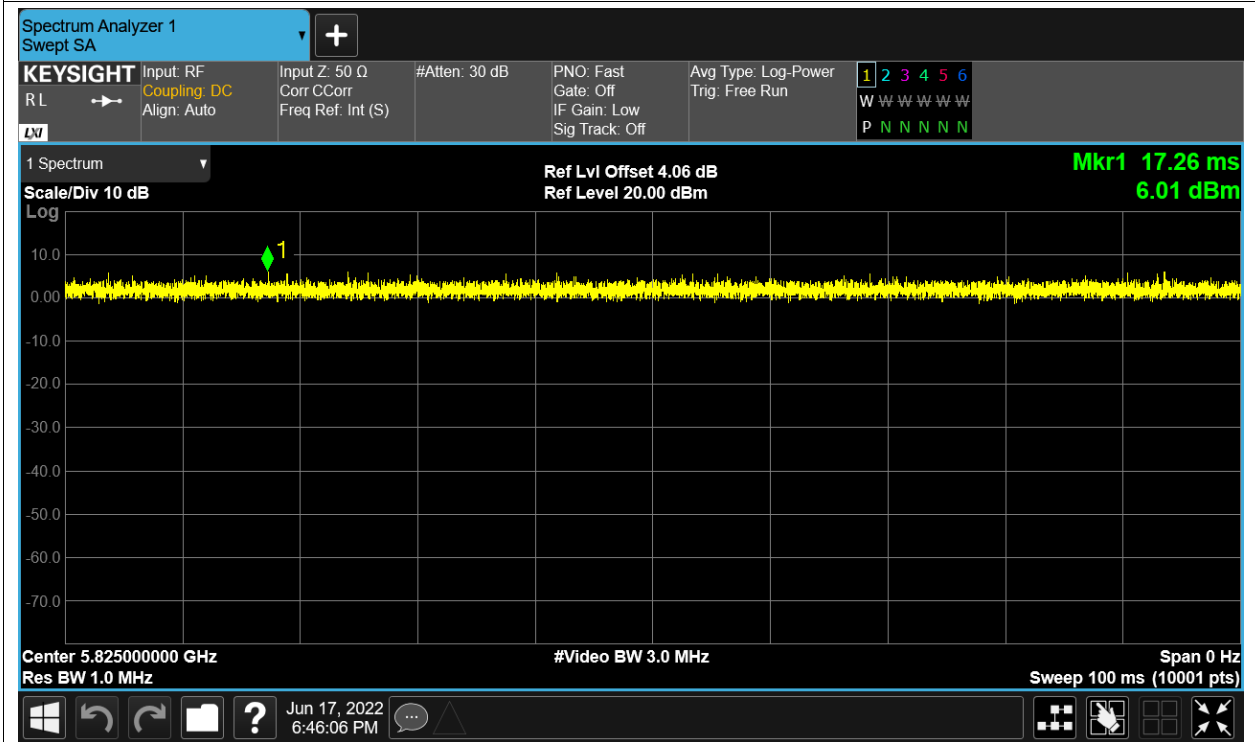
Duty Cycle NVNT ac20 5745MHz Ant2



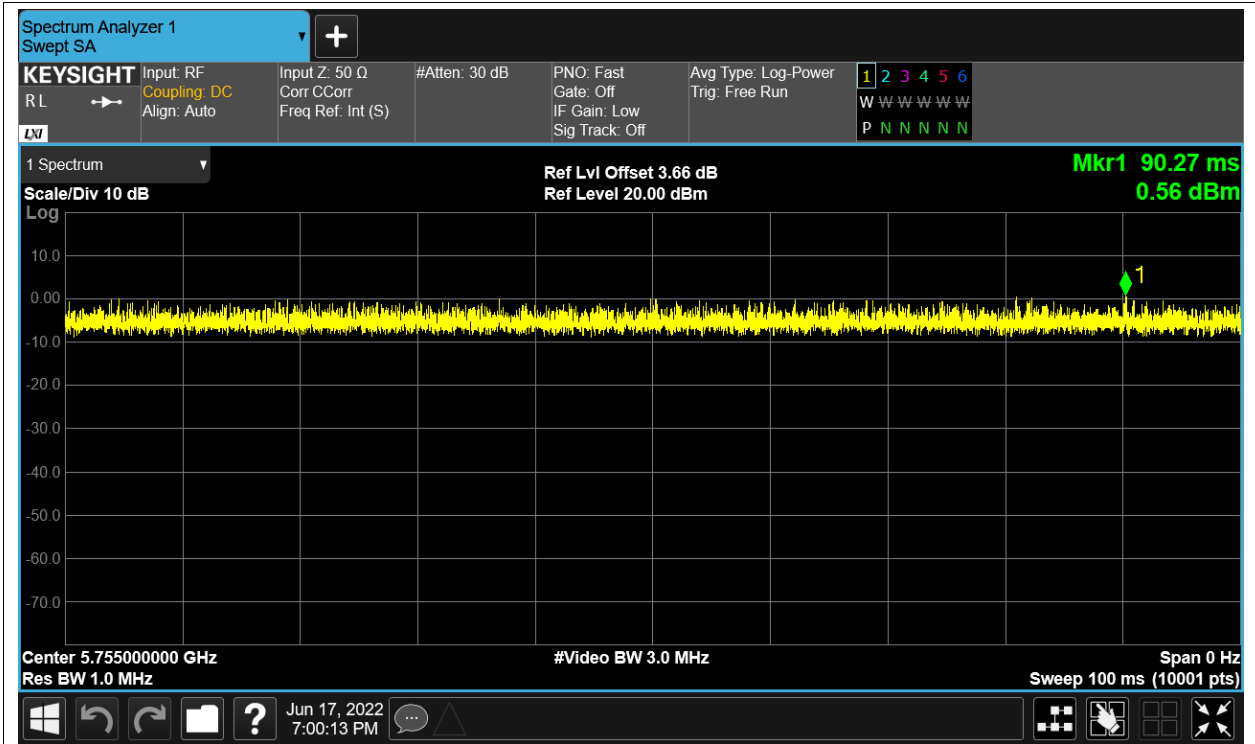
Duty Cycle NVNT ac20 5785MHz Ant2



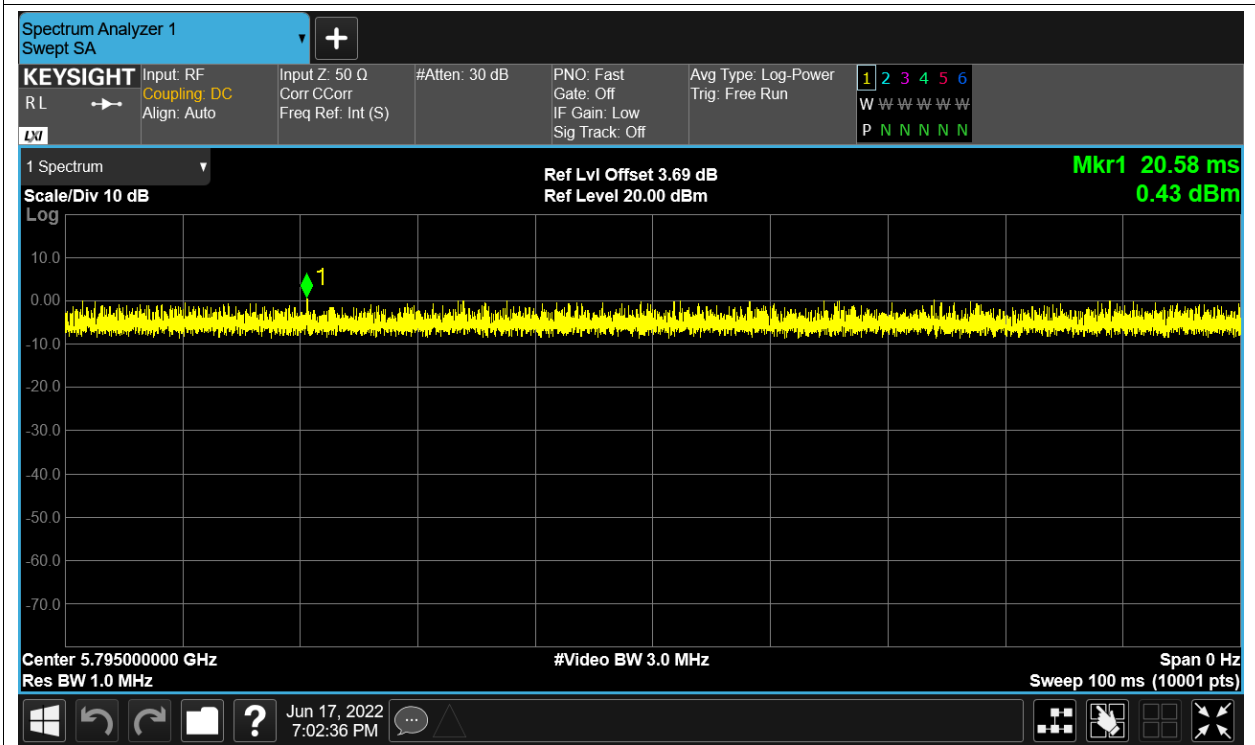
Duty Cycle NVNT ac20 5825MHz Ant2



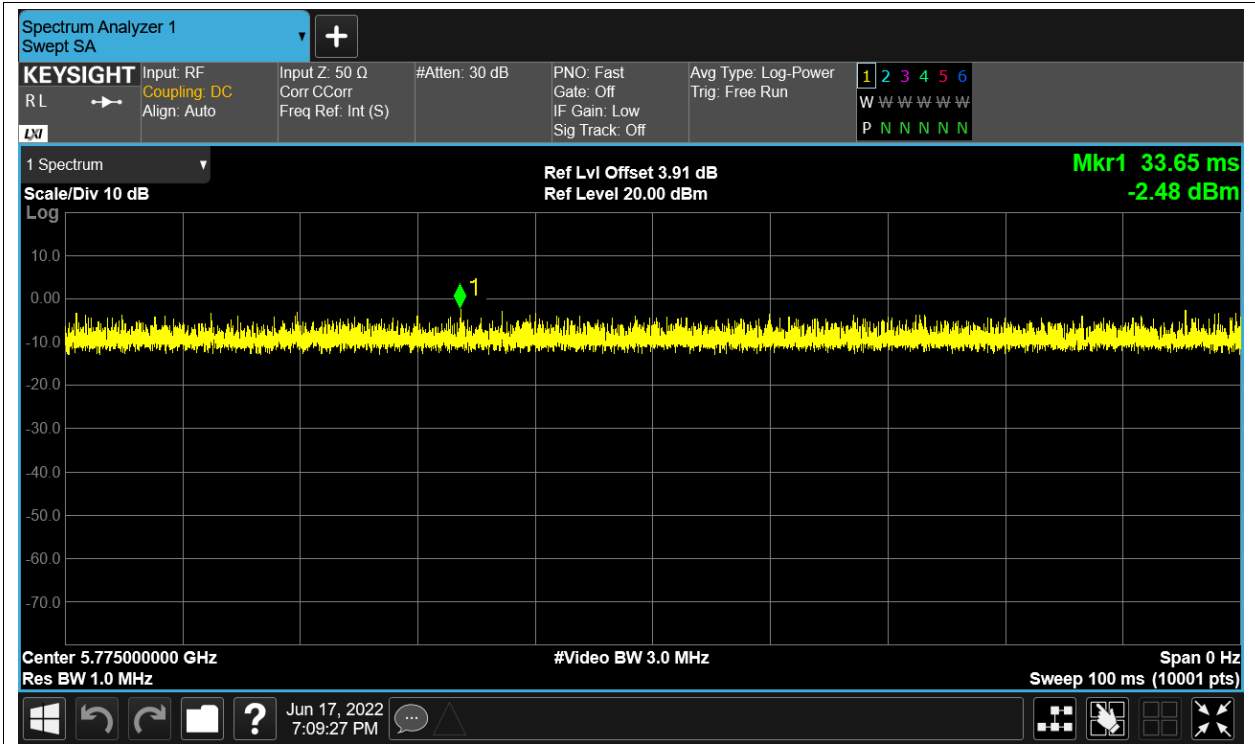
Duty Cycle NVNT ac40 5755MHz Ant2



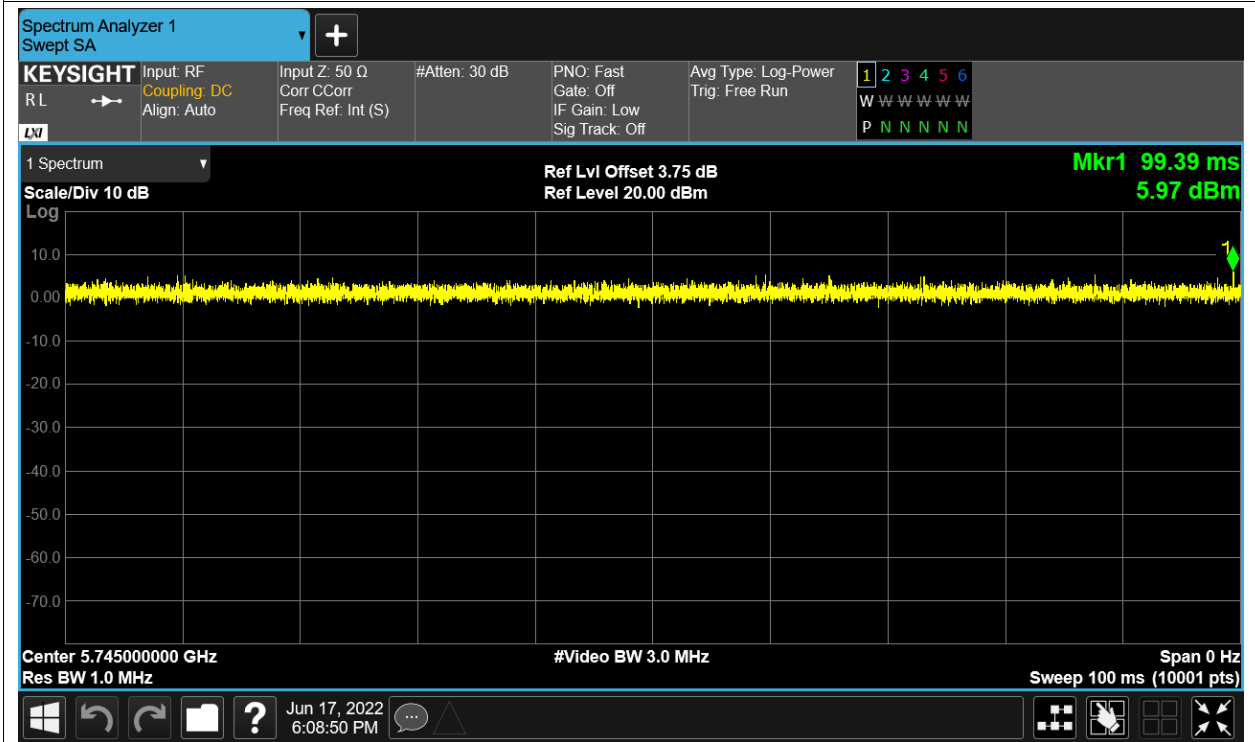
Duty Cycle NVNT ac40 5795MHz Ant2



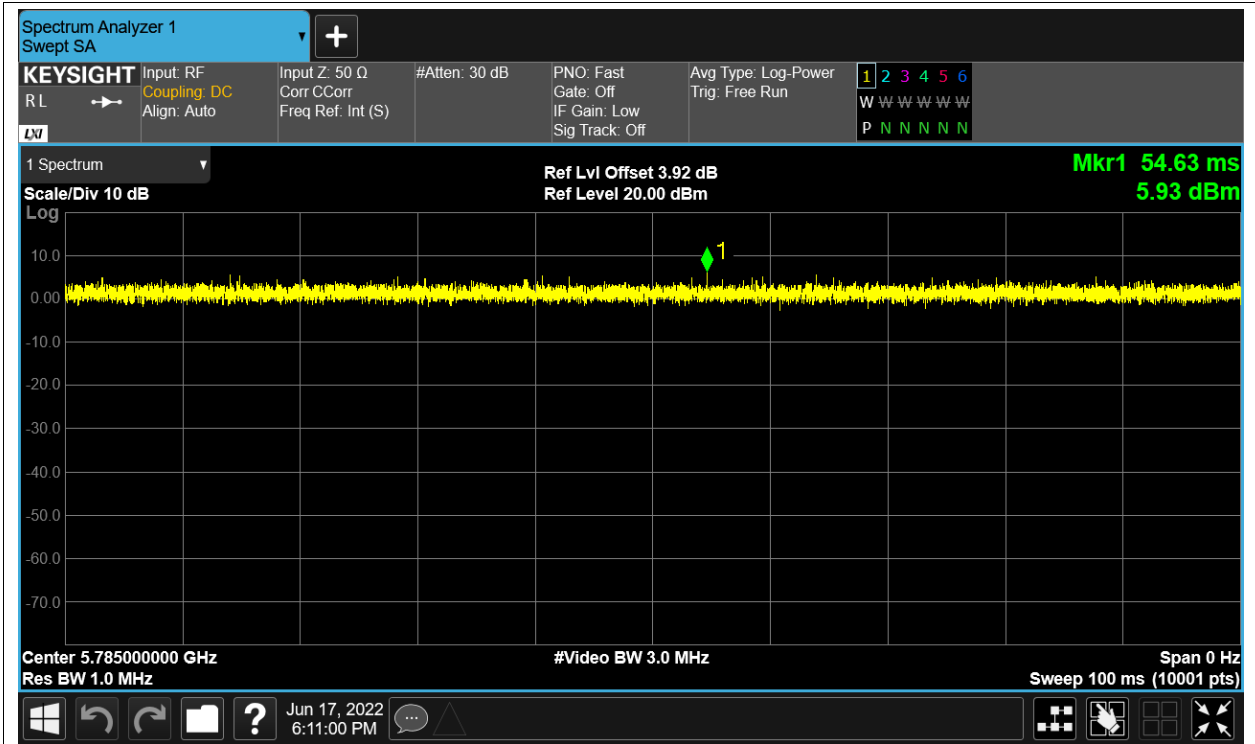
Duty Cycle NVNT ac80 5775MHz Ant2



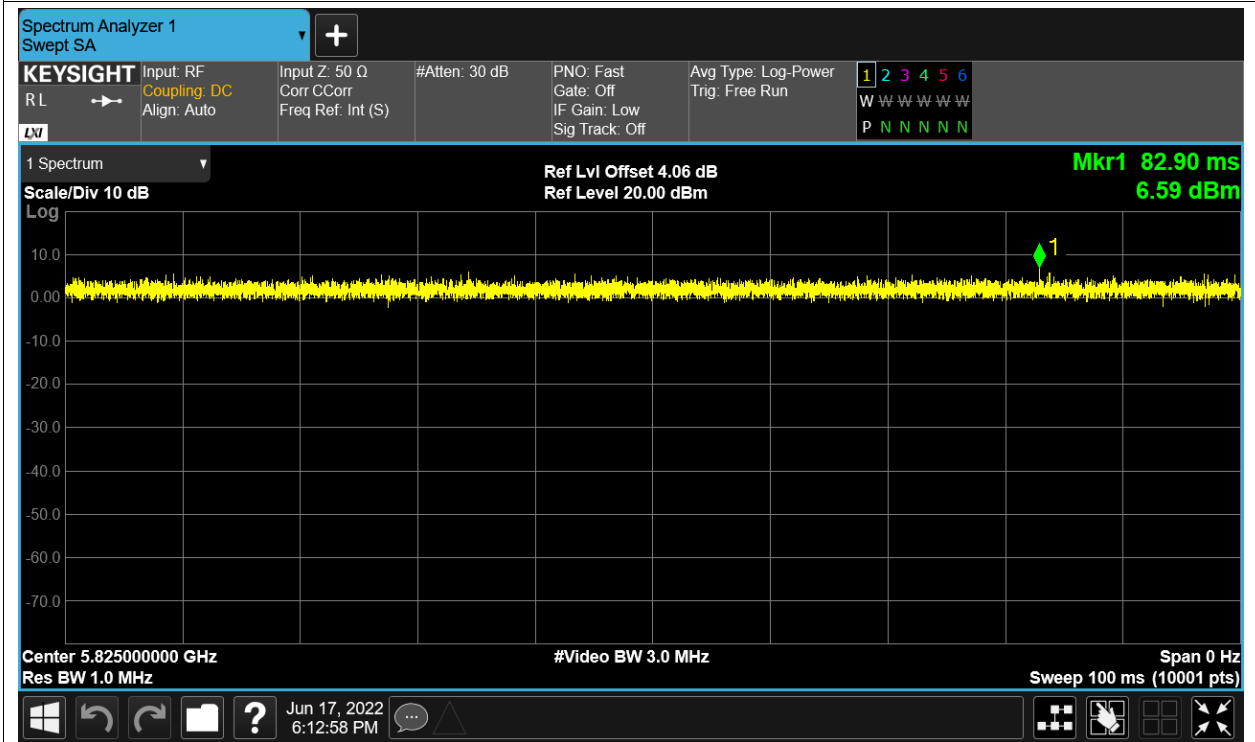
Duty Cycle NVNT n20 5745MHz Ant2



Duty Cycle NVNT n20 5785MHz Ant2

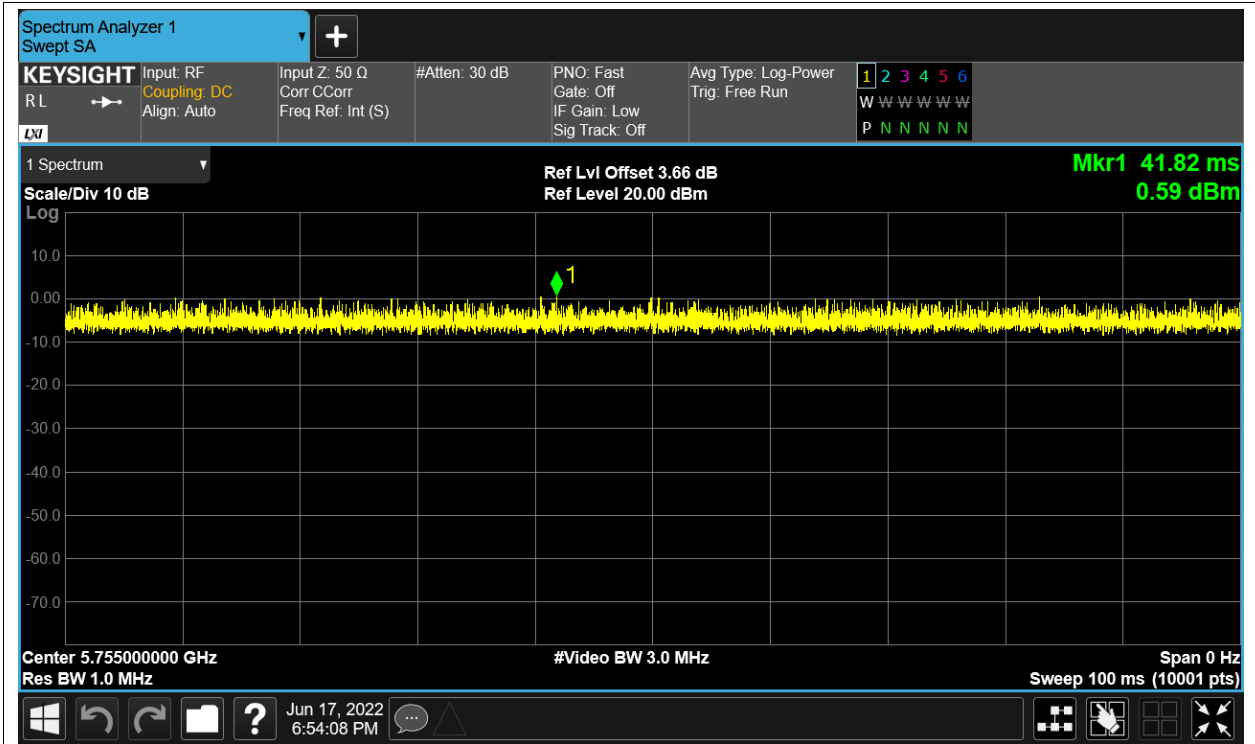


Duty Cycle NVNT n20 5825MHz Ant2

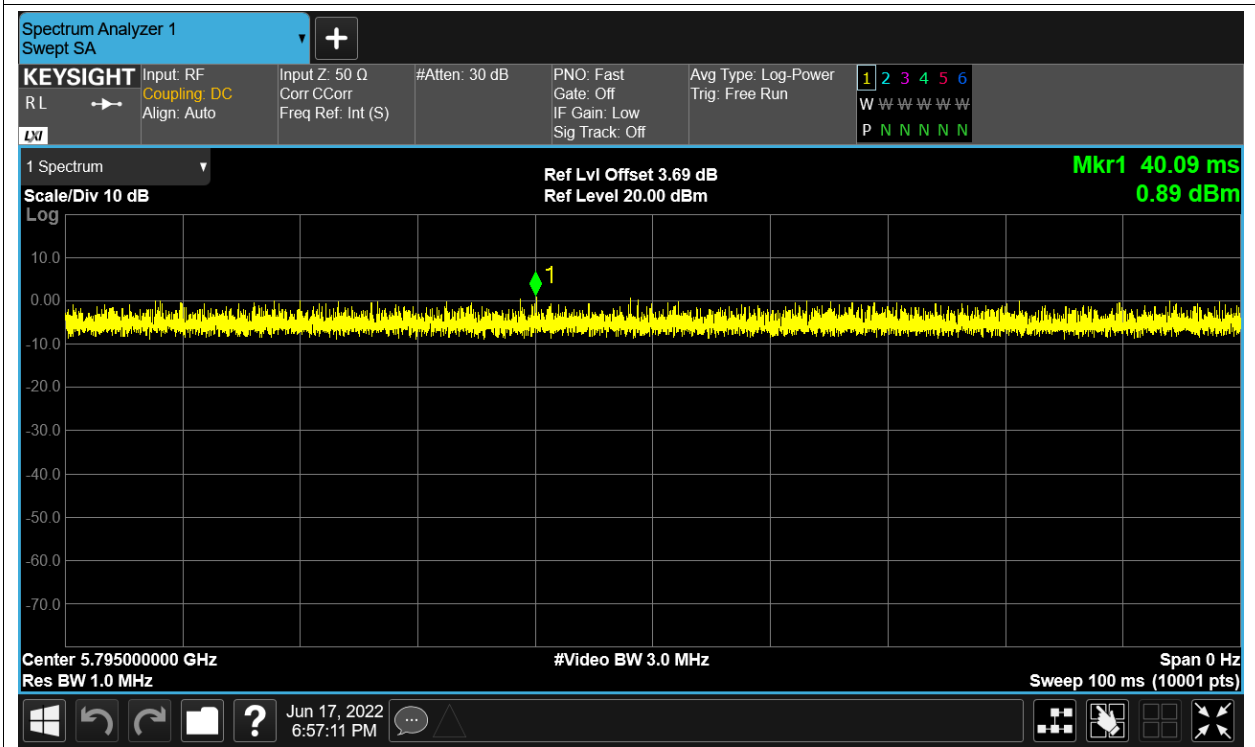


Duty Cycle NVNT n40 5755MHz Ant2





Duty Cycle NVNT n40 5795MHz Ant2



## Maximum Conducted Output Power

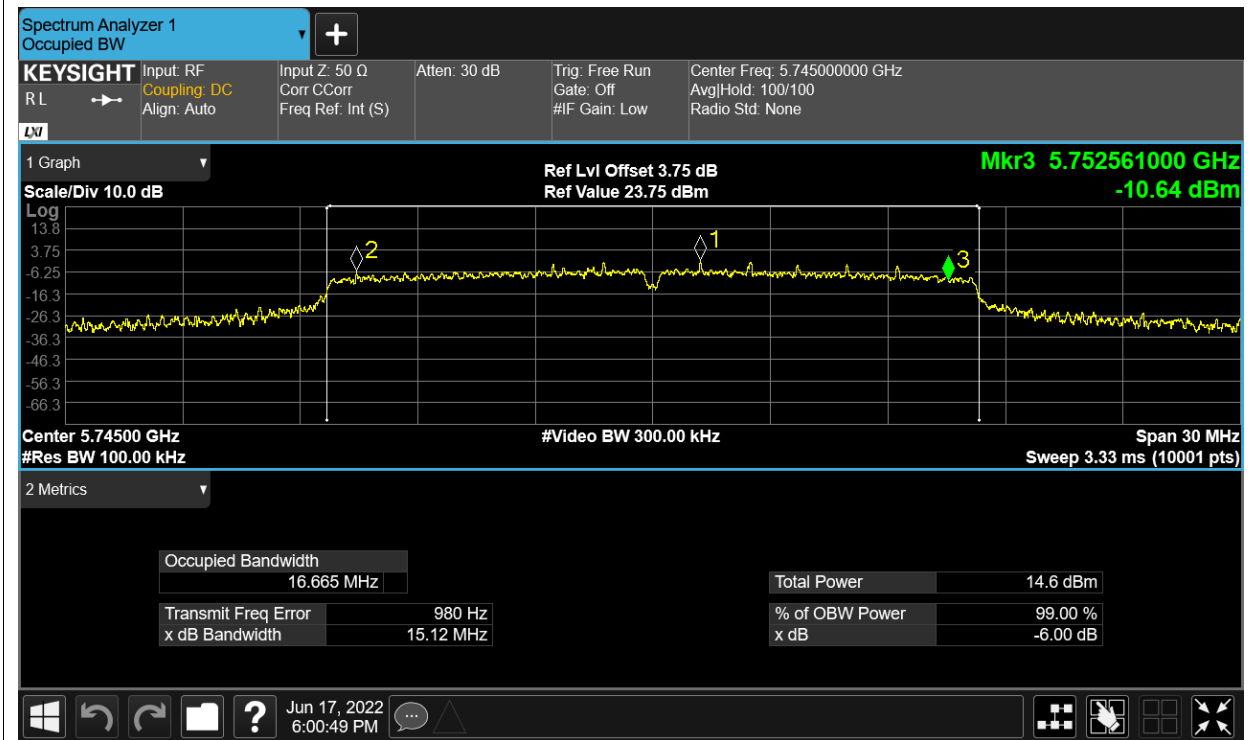
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	12.25	0	12.25	30	Pass
NVNT	a	5785	Ant2	13.95	0	13.95	30	Pass
NVNT	a	5825	Ant2	13.33	0	13.33	30	Pass
NVNT	ac20	5745	Ant2	12.19	0	12.19	30	Pass
NVNT	ac20	5785	Ant2	13.15	0	13.15	30	Pass
NVNT	ac20	5825	Ant2	13.31	0	13.31	30	Pass
NVNT	ac40	5755	Ant2	12.69	0	12.69	30	Pass
NVNT	ac40	5795	Ant2	13.03	0	13.03	30	Pass
NVNT	ac80	5775	Ant2	12.32	0	12.32	30	Pass
NVNT	n20	5745	Ant2	12.17	0	12.17	30	Pass
NVNT	n20	5785	Ant2	13.49	0	13.49	30	Pass
NVNT	n20	5825	Ant2	13.24	0	13.24	30	Pass
NVNT	n40	5755	Ant2	12.2	0	12.2	30	Pass
NVNT	n40	5795	Ant2	13.04	0	13.04	30	Pass

## -6dB Bandwidth

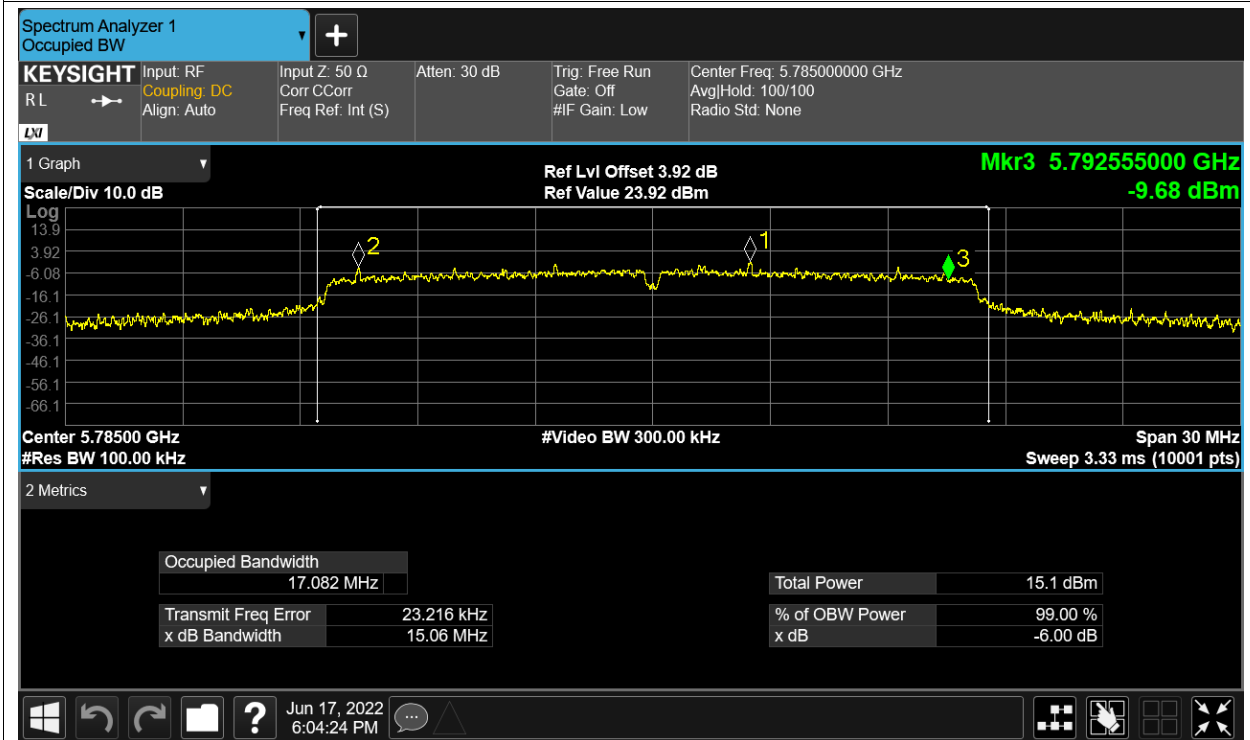
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant2	15.12	0.5	Pass
NVNT	a	5785	Ant2	15.064	0.5	Pass
NVNT	a	5825	Ant2	15.06	0.5	Pass
NVNT	ac20	5745	Ant2	14.011	0.5	Pass
NVNT	ac20	5785	Ant2	14.981	0.5	Pass
NVNT	ac20	5825	Ant2	14.08	0.5	Pass
NVNT	ac40	5755	Ant2	35.029	0.5	Pass
NVNT	ac40	5795	Ant2	33.813	0.5	Pass
NVNT	ac80	5775	Ant2	75.112	0.5	Pass
NVNT	n20	5745	Ant2	15.045	0.5	Pass
NVNT	n20	5785	Ant2	15.086	0.5	Pass
NVNT	n20	5825	Ant2	14.454	0.5	Pass
NVNT	n40	5755	Ant2	35.02	0.5	Pass
NVNT	n40	5795	Ant2	35.084	0.5	Pass

Test Graphs

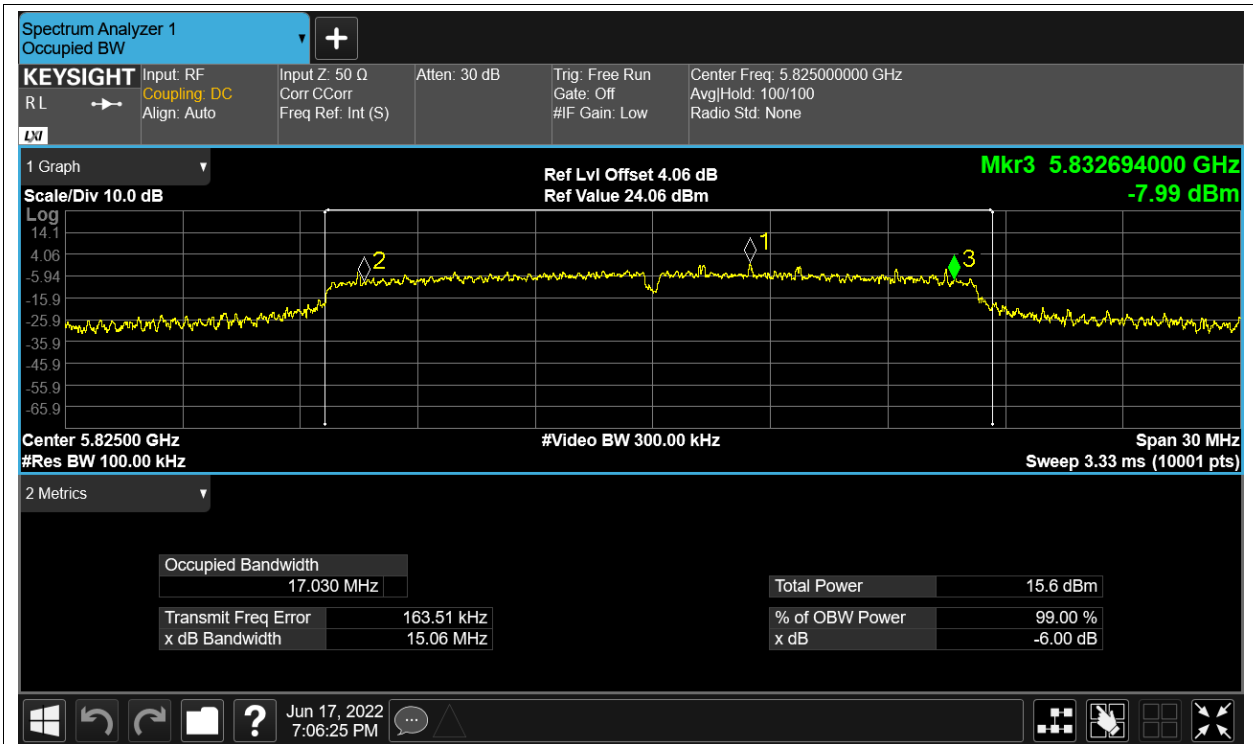
-6dB Bandwidth NVNT a 5745MHz Ant2



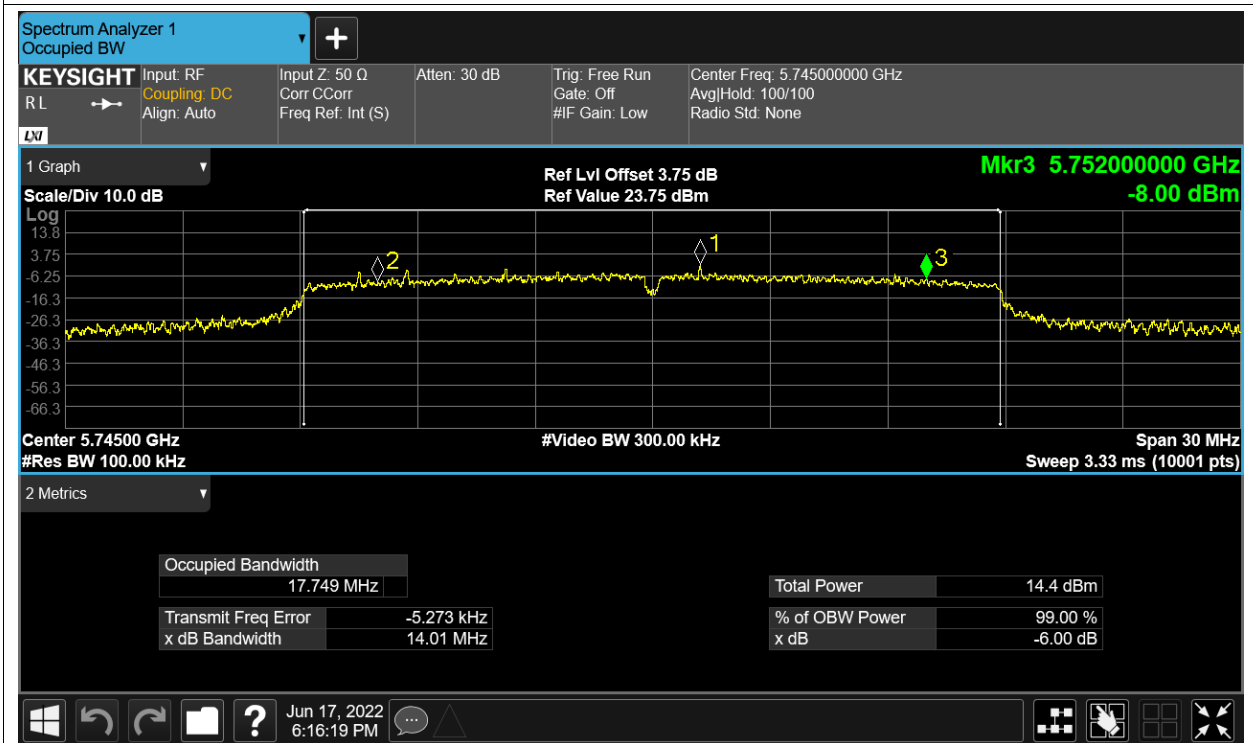
-6dB Bandwidth NVNT a 5785MHz Ant2



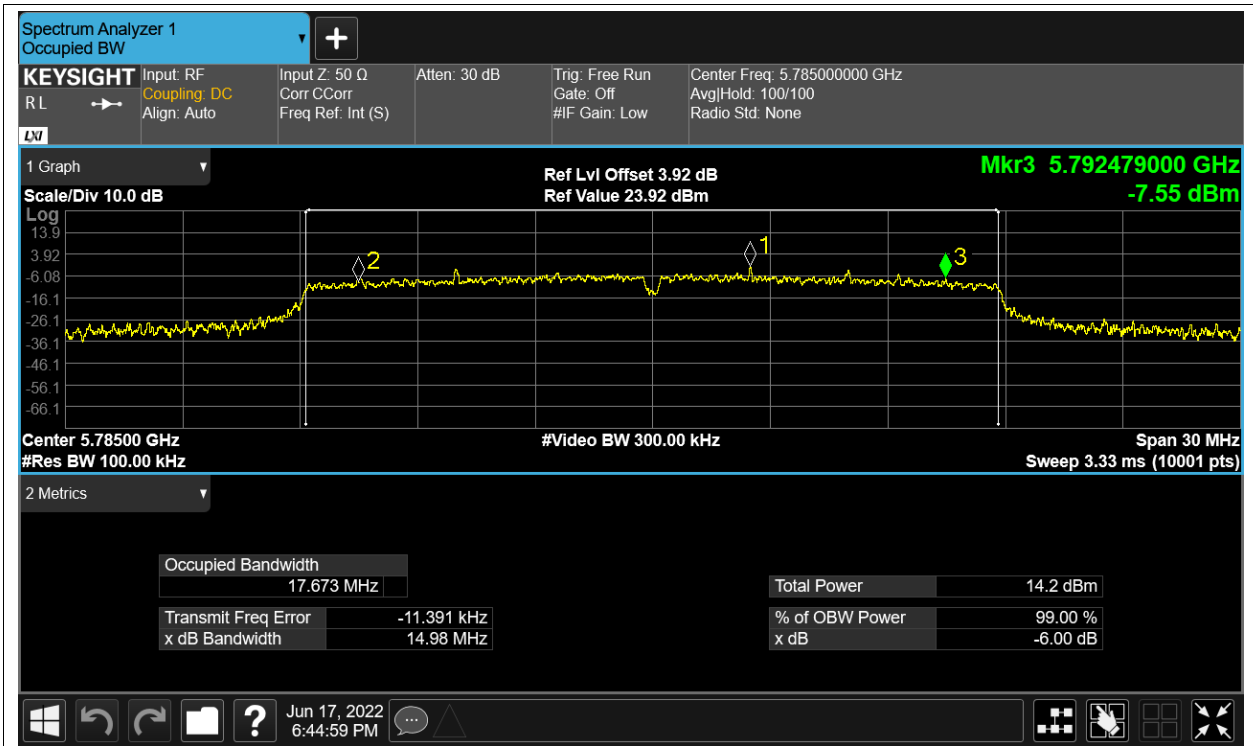
-6dB Bandwidth NVNT a 5825MHz Ant2



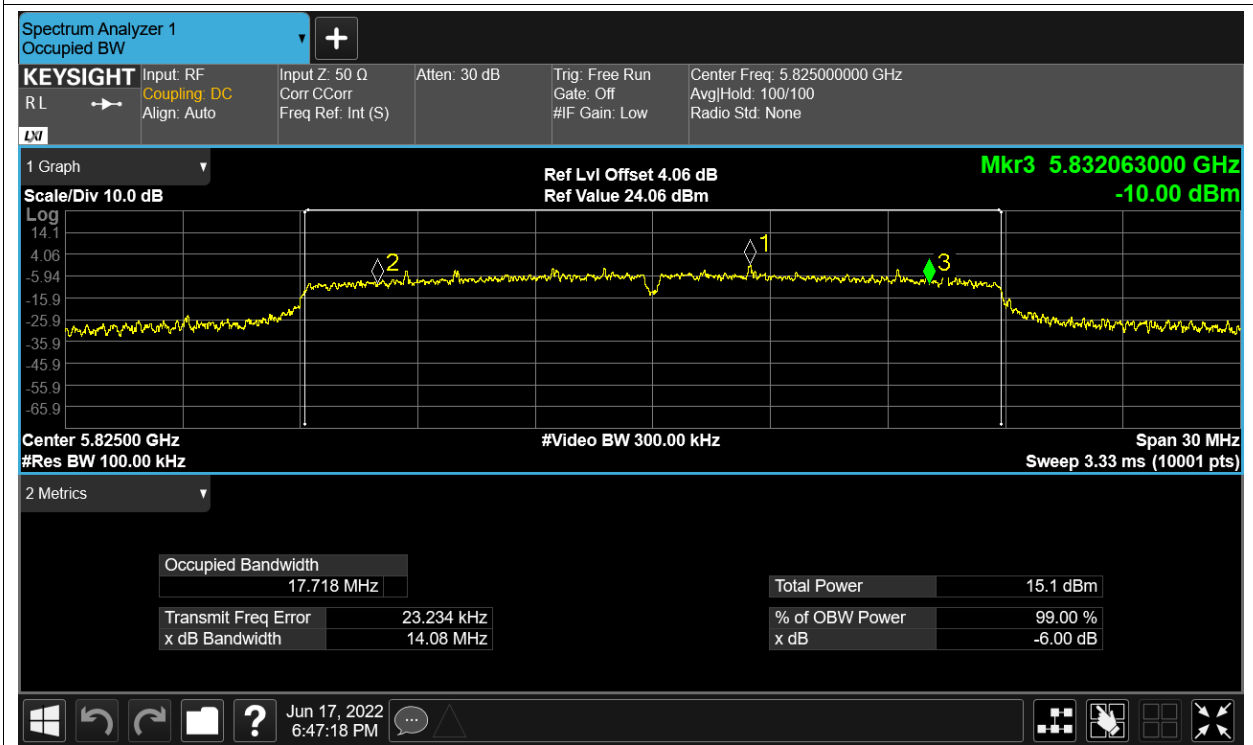
-6dB Bandwidth NVNT ac20 5745MHz Ant2



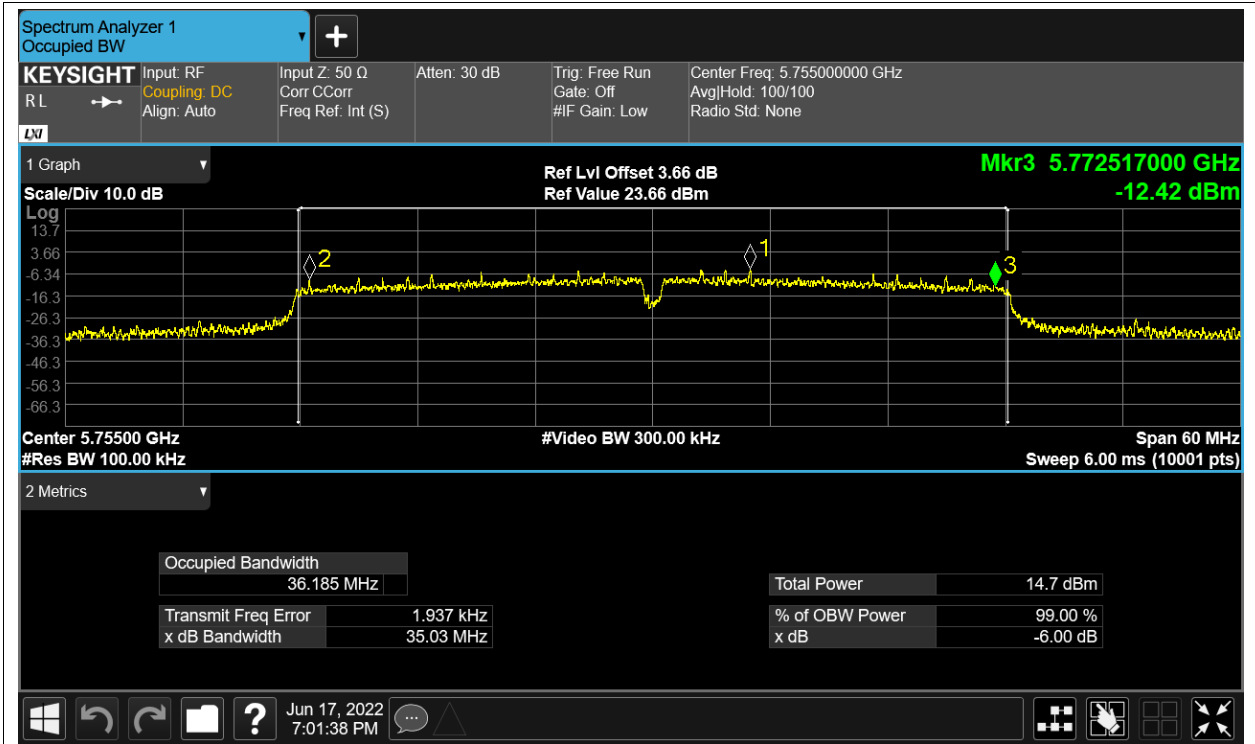
-6dB Bandwidth NVNT ac20 5785MHz Ant2



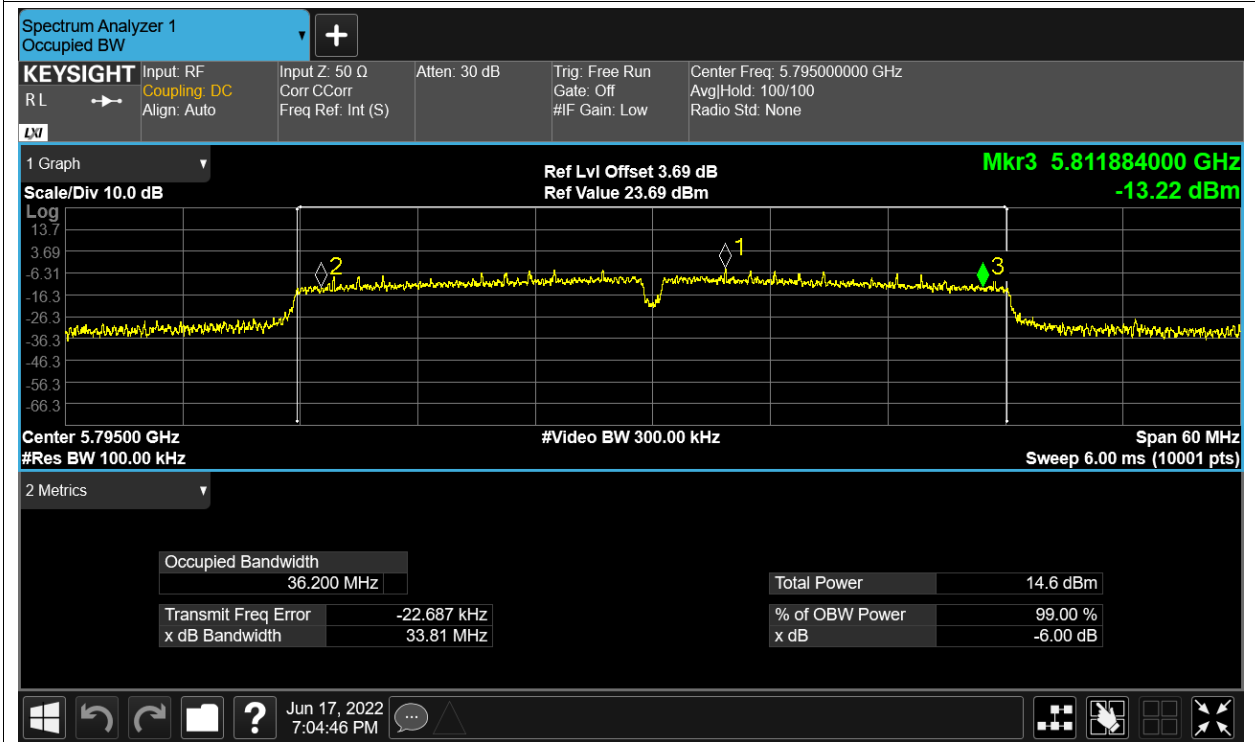
-6dB Bandwidth NVNT ac20 5825MHz Ant2



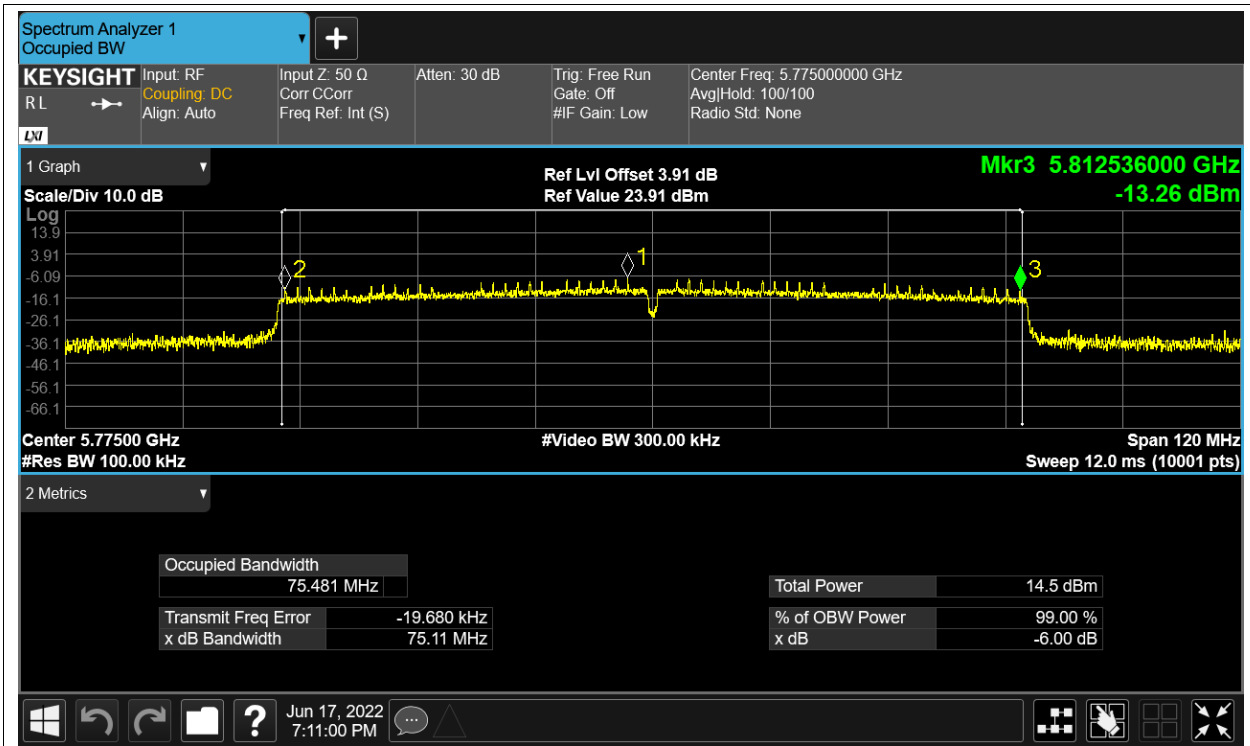
-6dB Bandwidth NVNT ac40 5755MHz Ant2



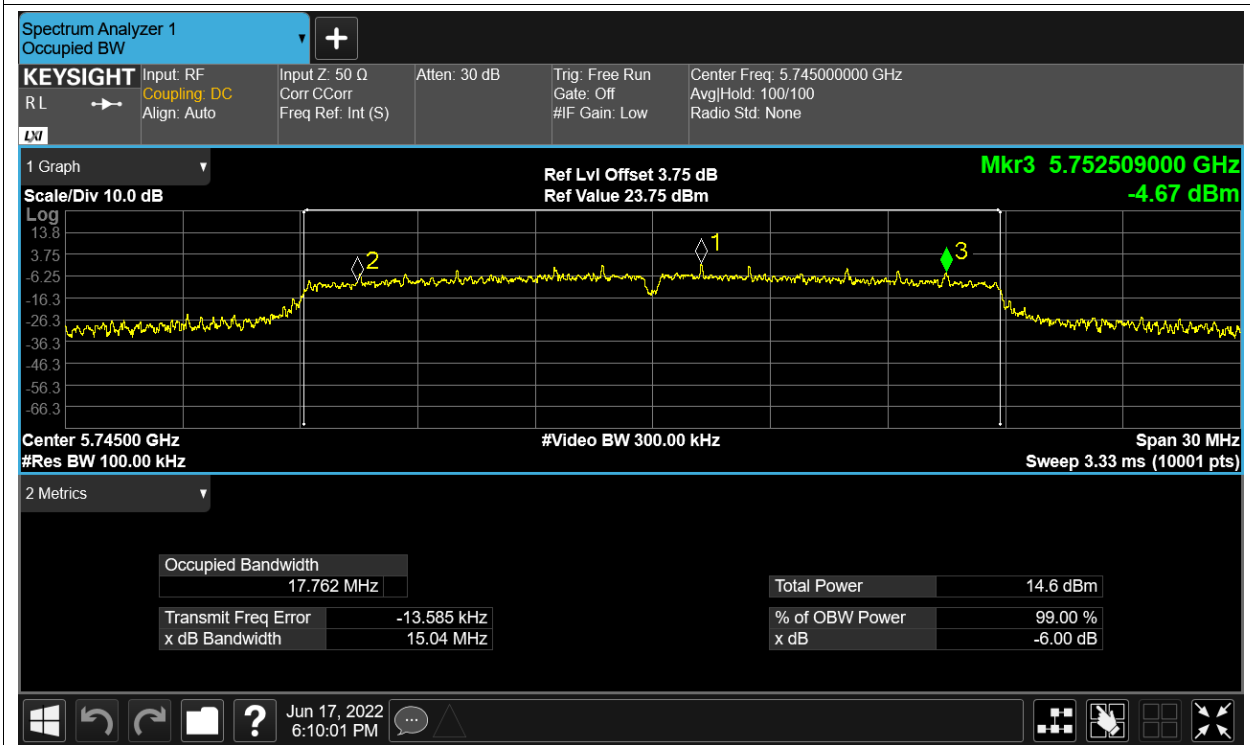
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant2

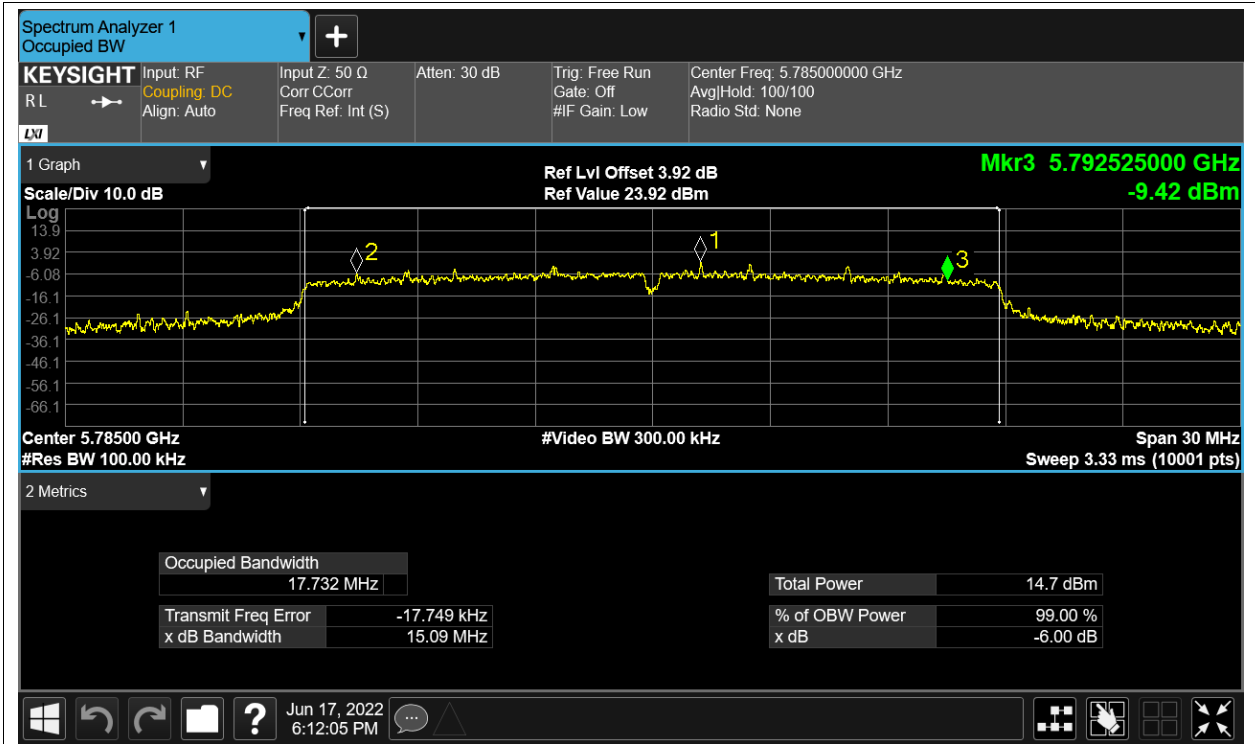


-6dB Bandwidth NVNT n20 5745MHz Ant2



-6dB Bandwidth NVNT n20 5785MHz Ant2

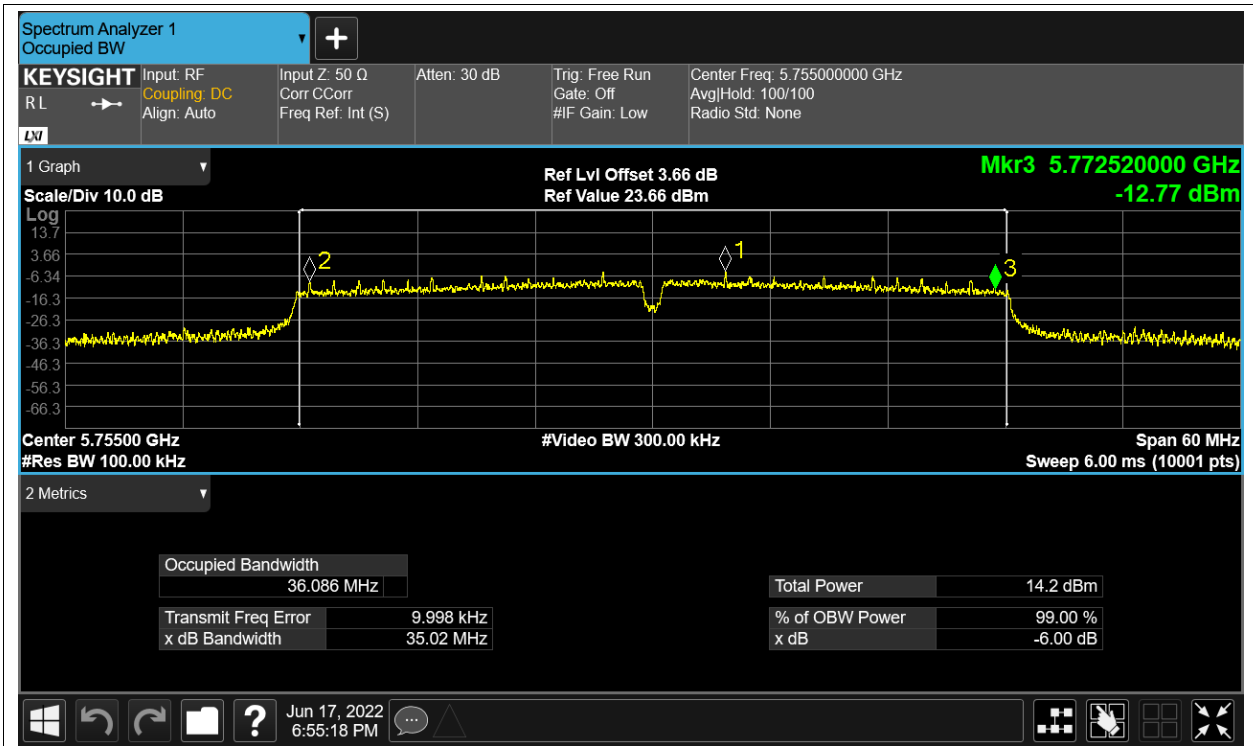




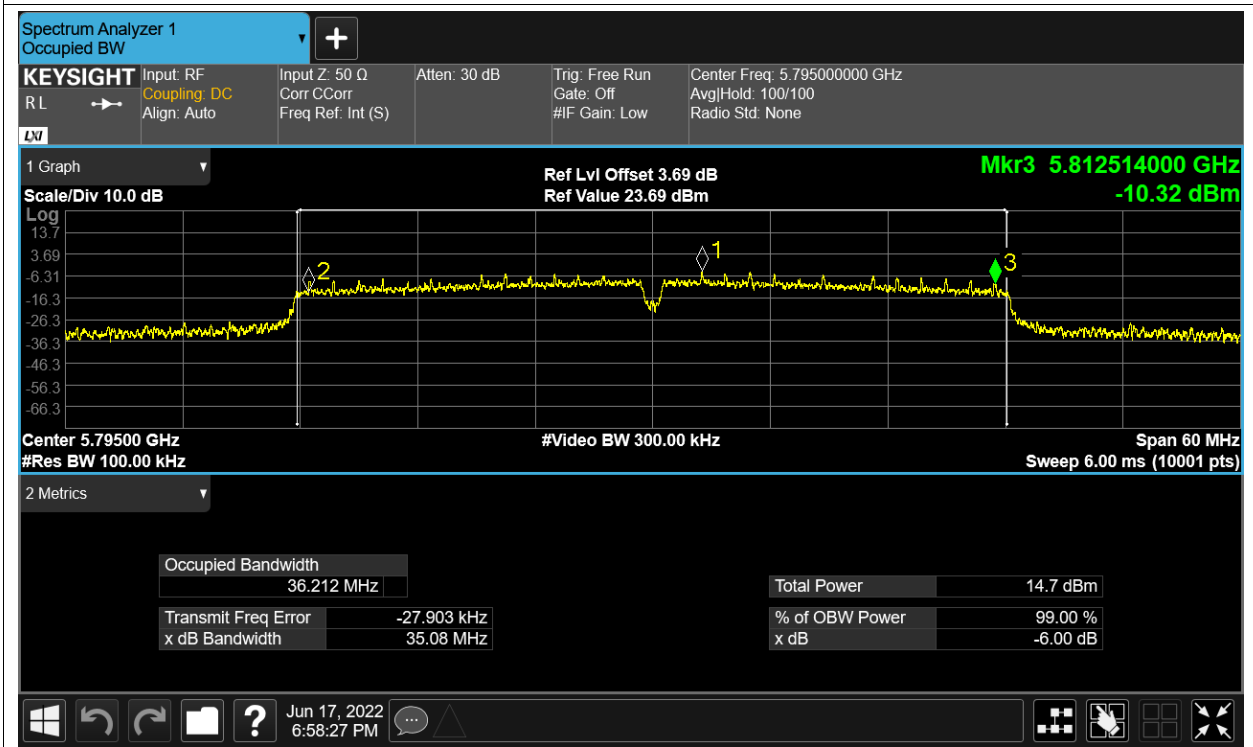
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

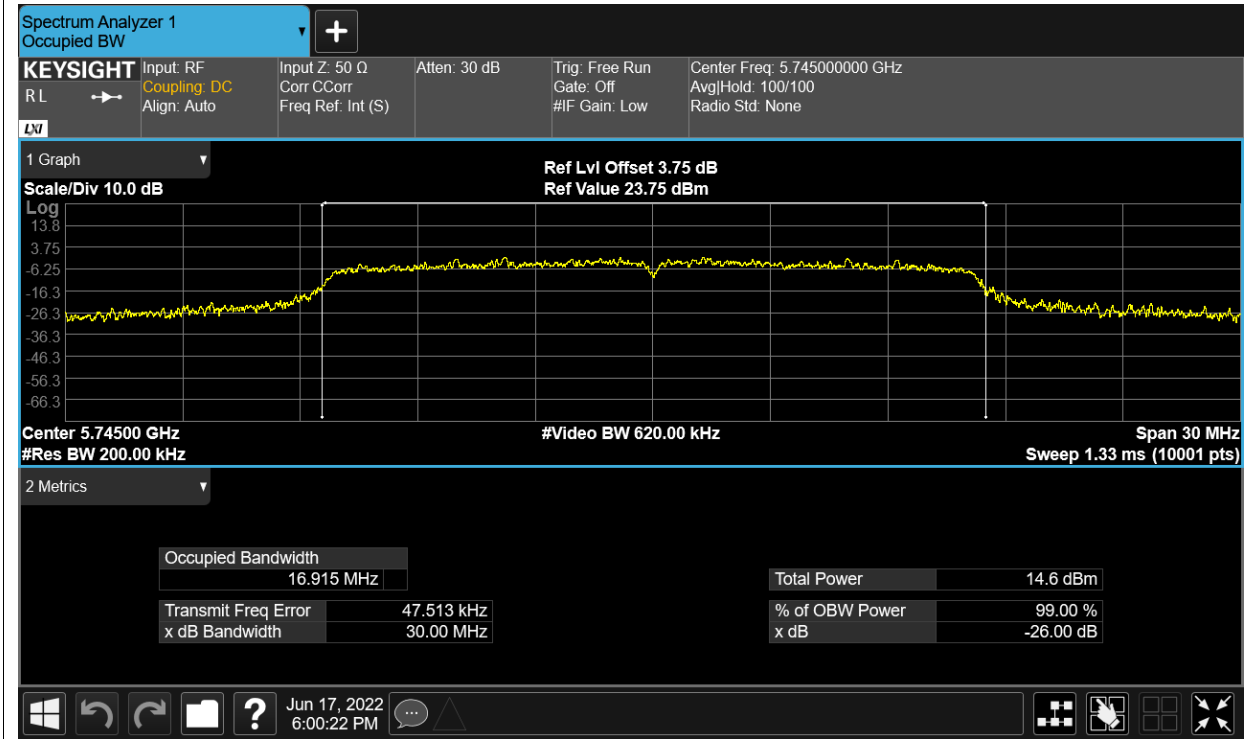


## Occupied Channel Bandwidth

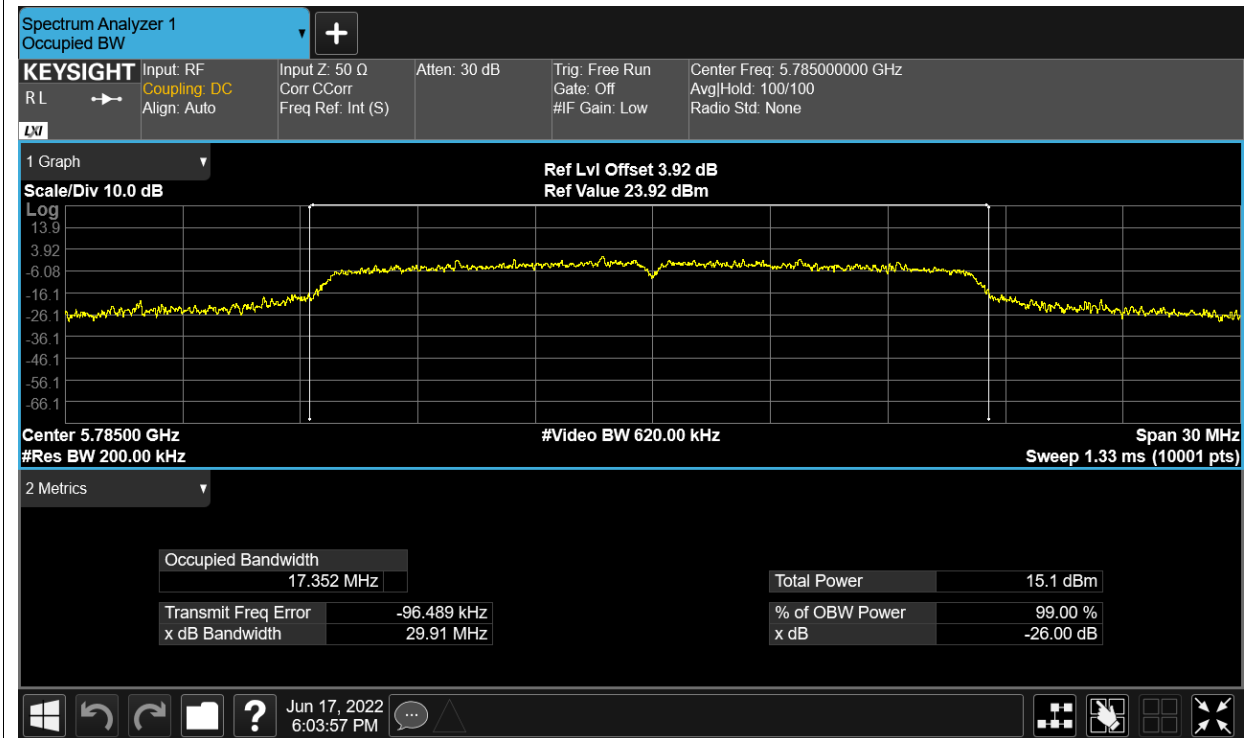
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.91535117
NVNT	a	5785	Ant2	17.35247377
NVNT	a	5825	Ant2	16.86478723
NVNT	ac20	5745	Ant2	17.88827473
NVNT	ac20	5785	Ant2	17.71952762
NVNT	ac20	5825	Ant2	17.84217138
NVNT	ac40	5755	Ant2	36.3501897
NVNT	ac40	5795	Ant2	36.40624165
NVNT	ac80	5775	Ant2	75.56527994
NVNT	n20	5745	Ant2	17.86408742
NVNT	n20	5785	Ant2	17.90641017
NVNT	n20	5825	Ant2	17.82654984
NVNT	n40	5755	Ant2	36.2174439
NVNT	n40	5795	Ant2	36.40220992

Test Graphs

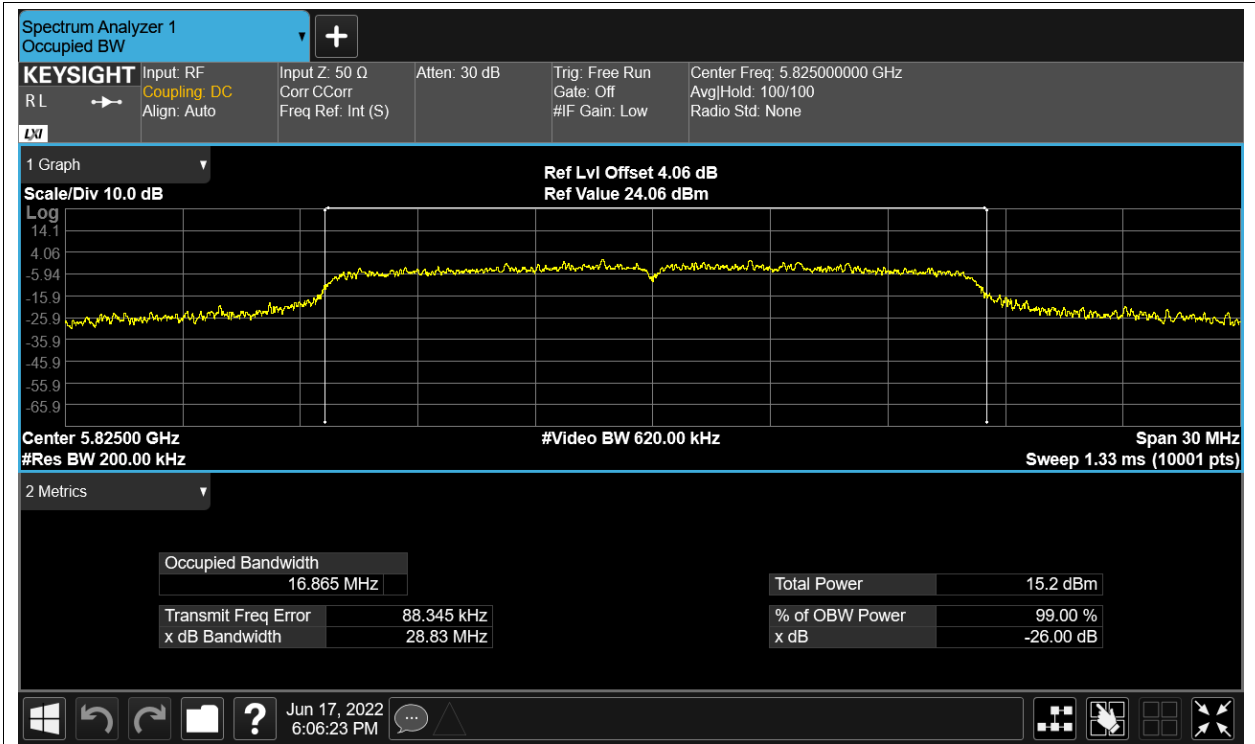
OBW NVNT a 5745MHz Ant2



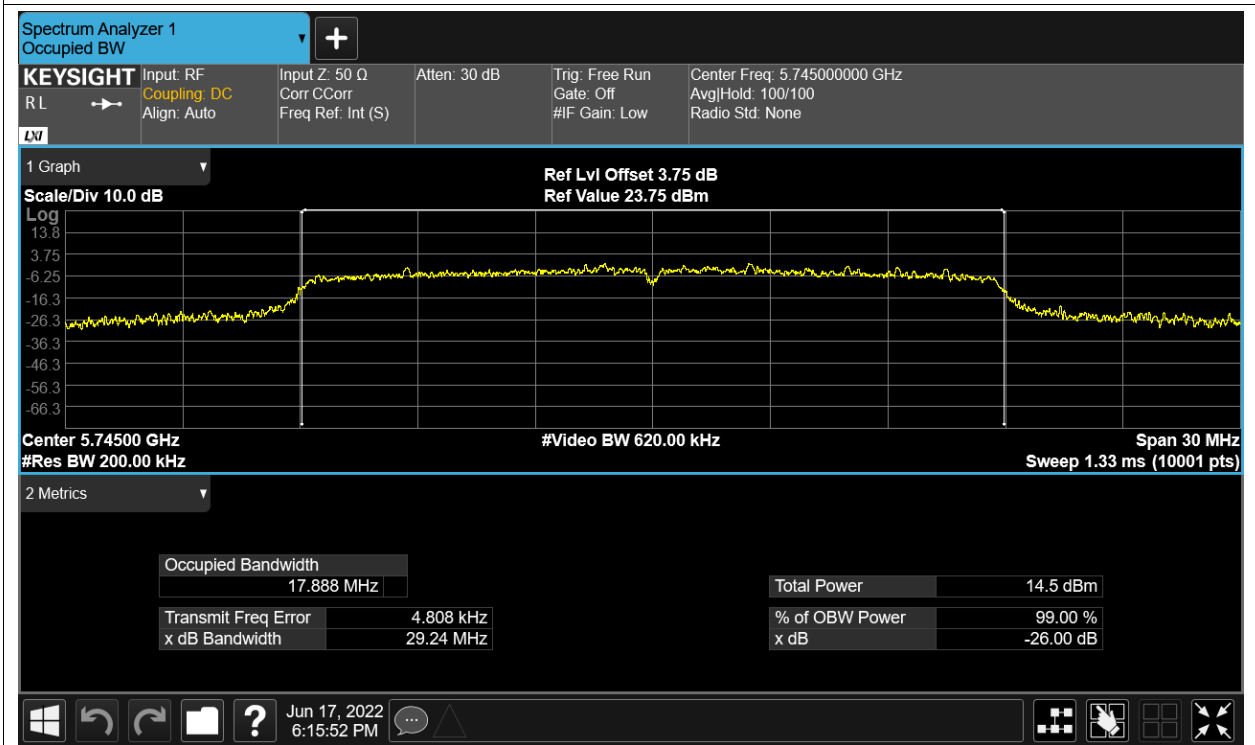
OBW NVNT a 5785MHz Ant2



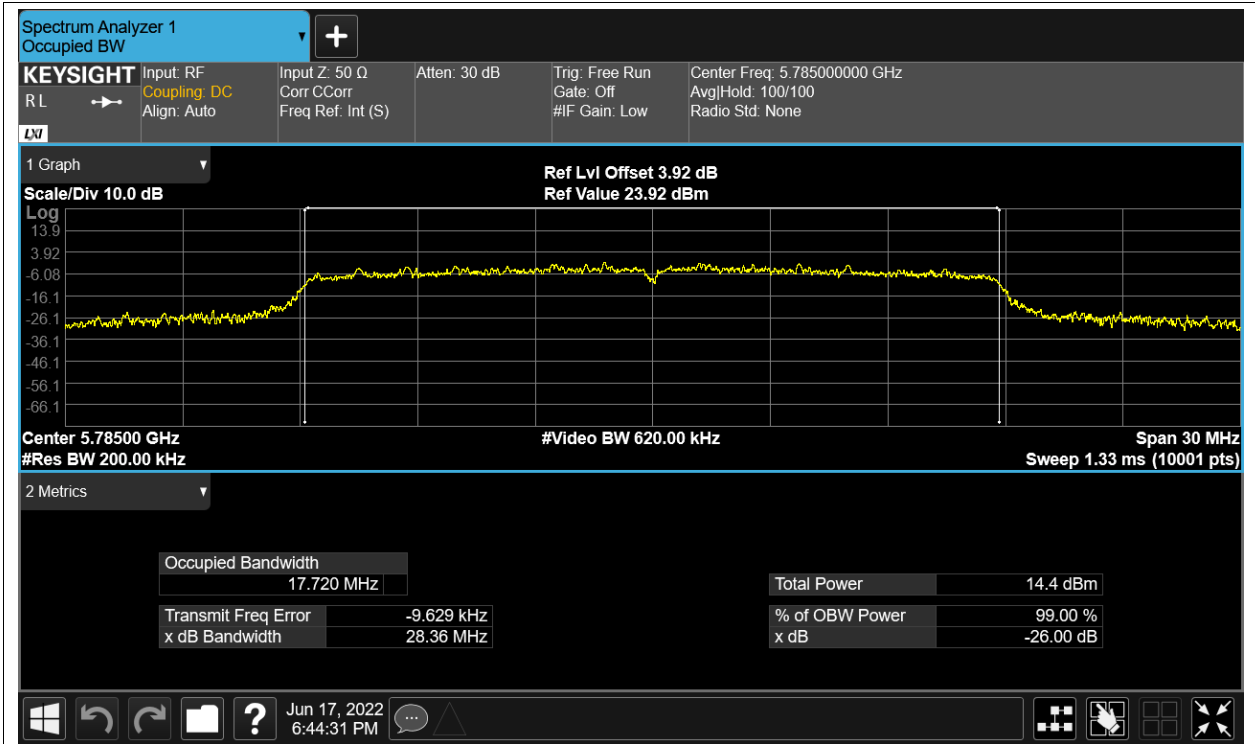
OBW NVNT a 5825MHz Ant2



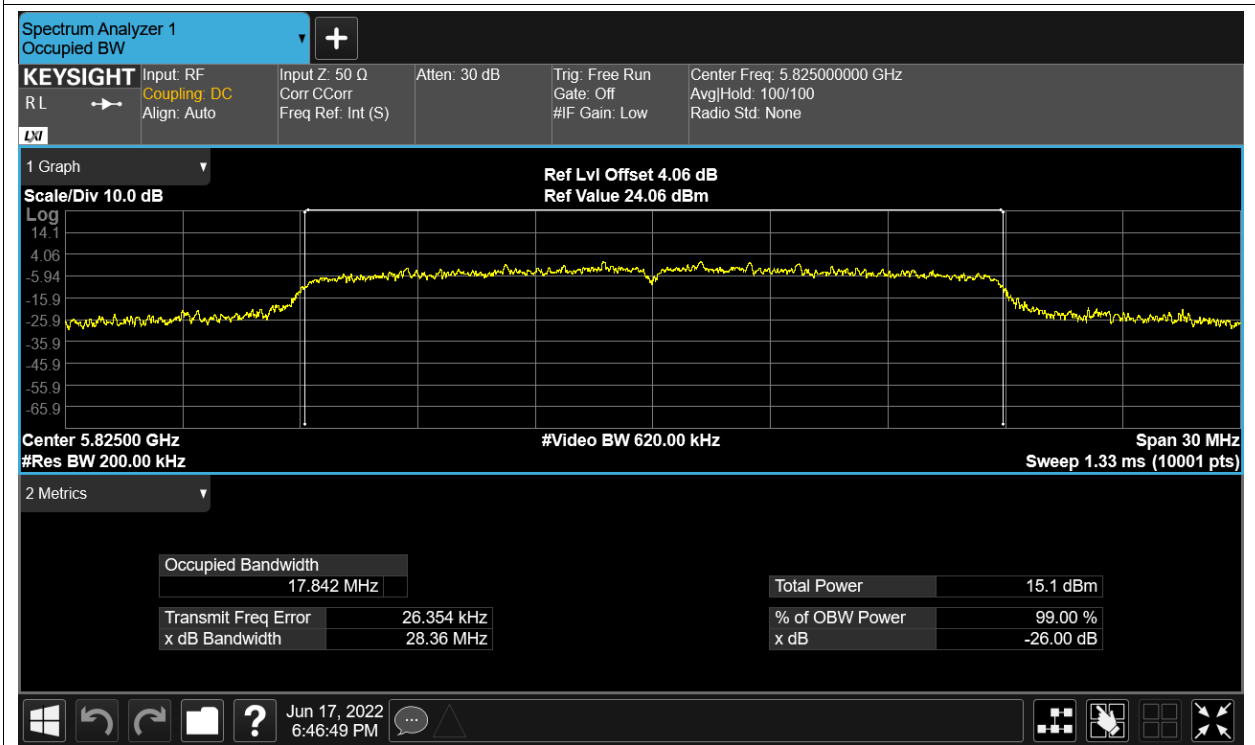
OBW NVNT ac20 5745MHz Ant2



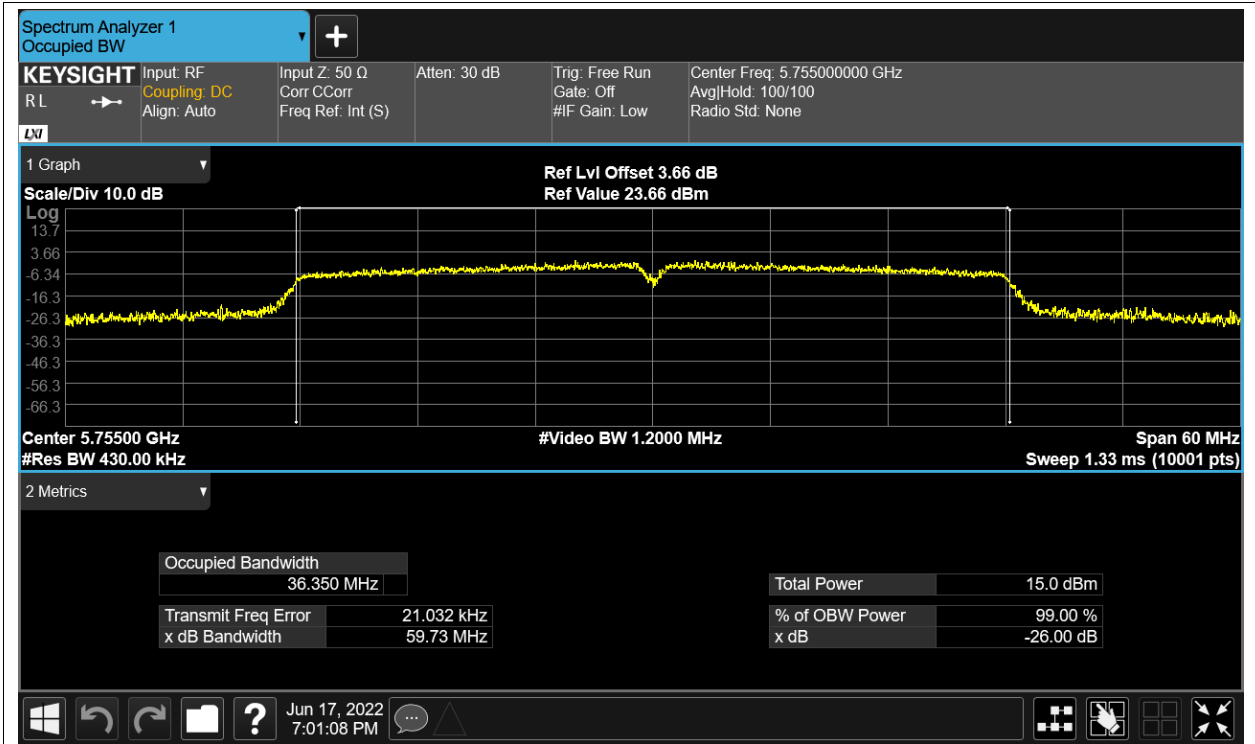
OBW NVNT ac20 5785MHz Ant2



OBW NVNT ac20 5825MHz Ant2



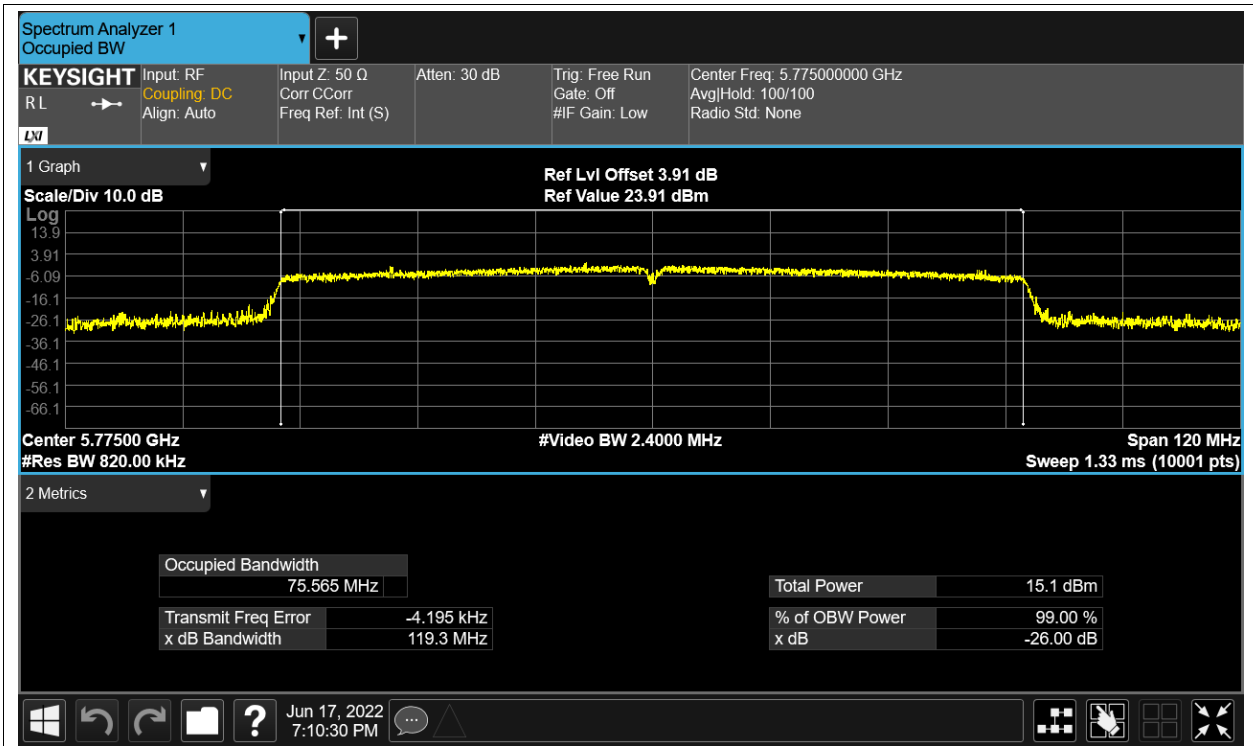
OBW NVNT ac40 5755MHz Ant2



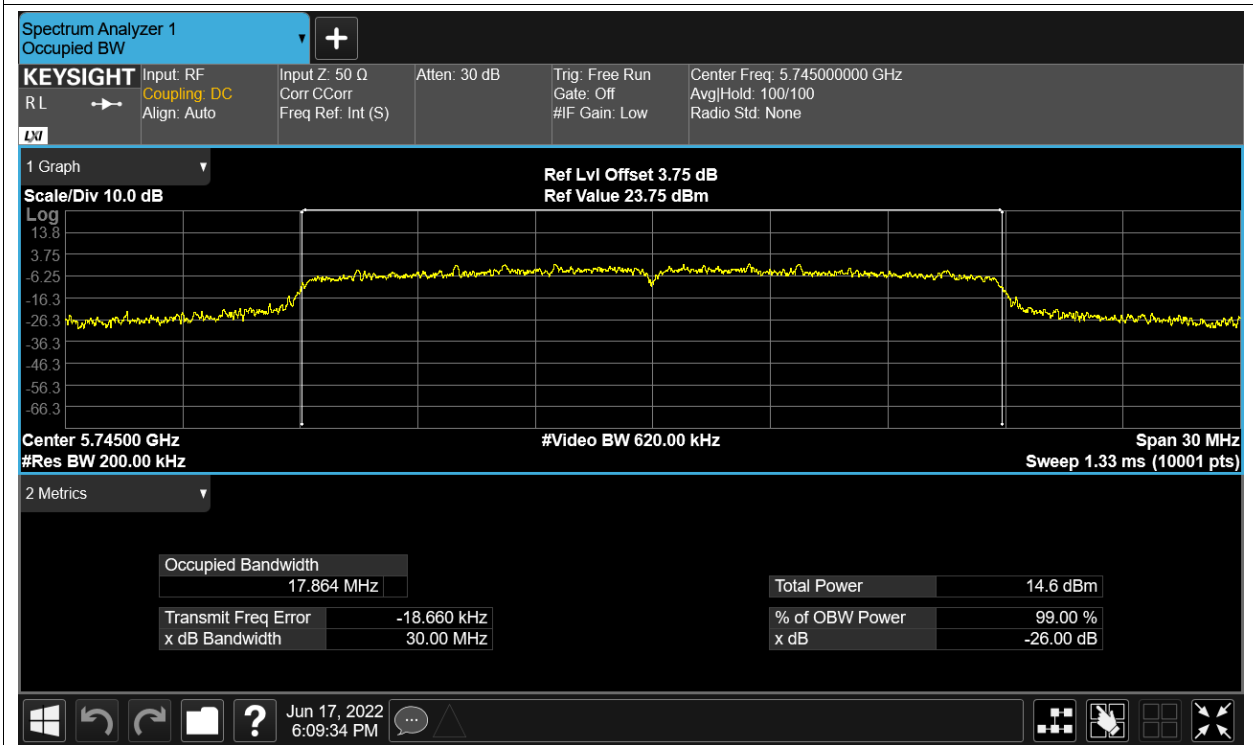
OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5775MHz Ant2

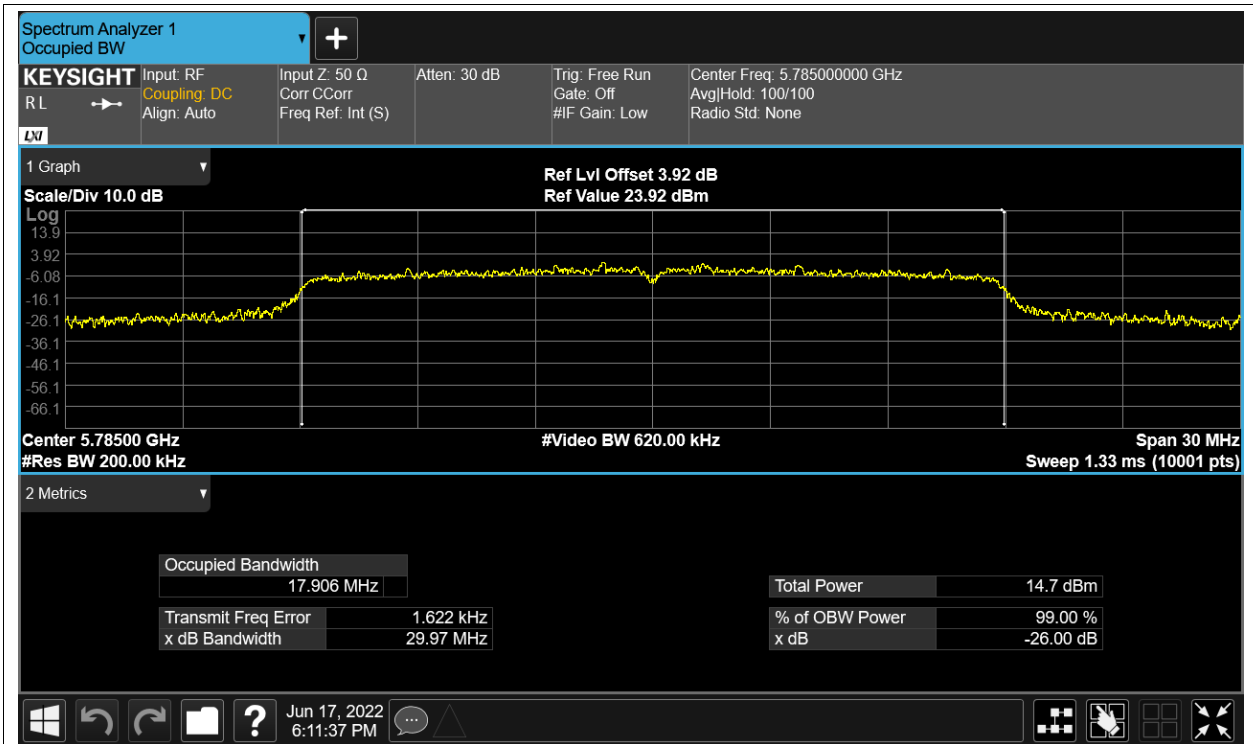


OBW NVNT n20 5745MHz Ant2

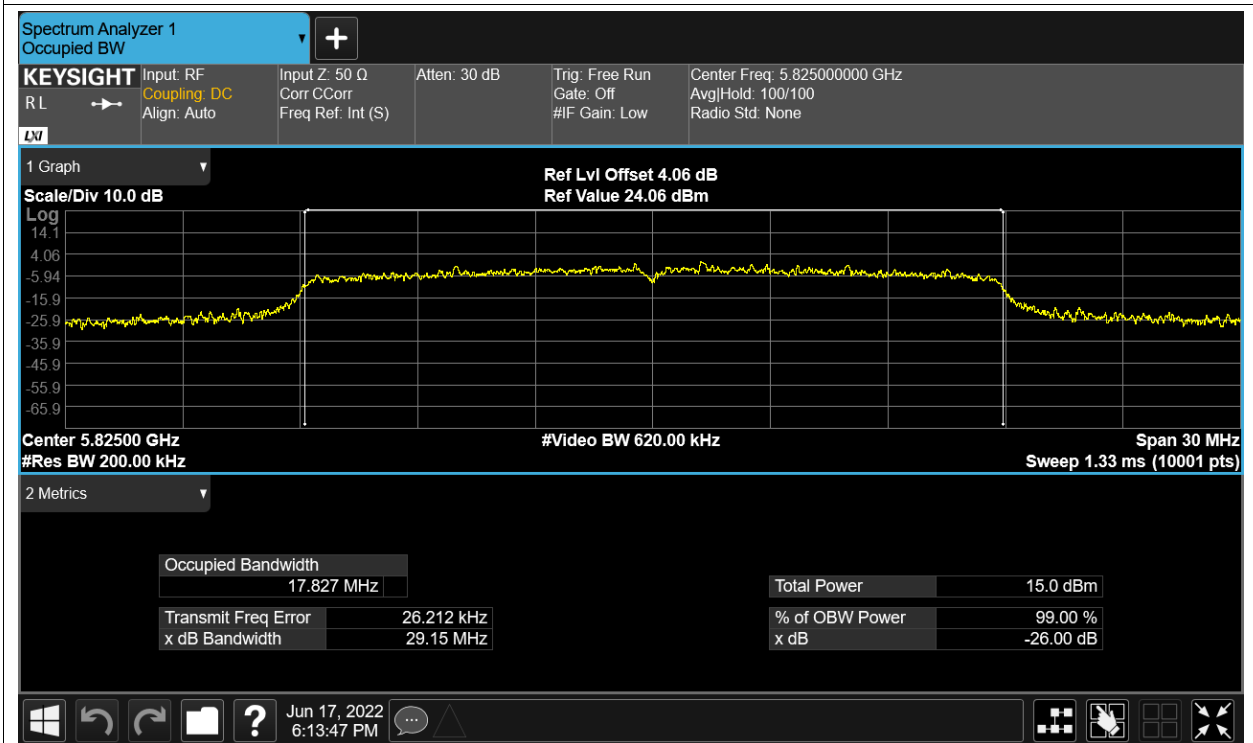


OBW NVNT n20 5785MHz Ant2

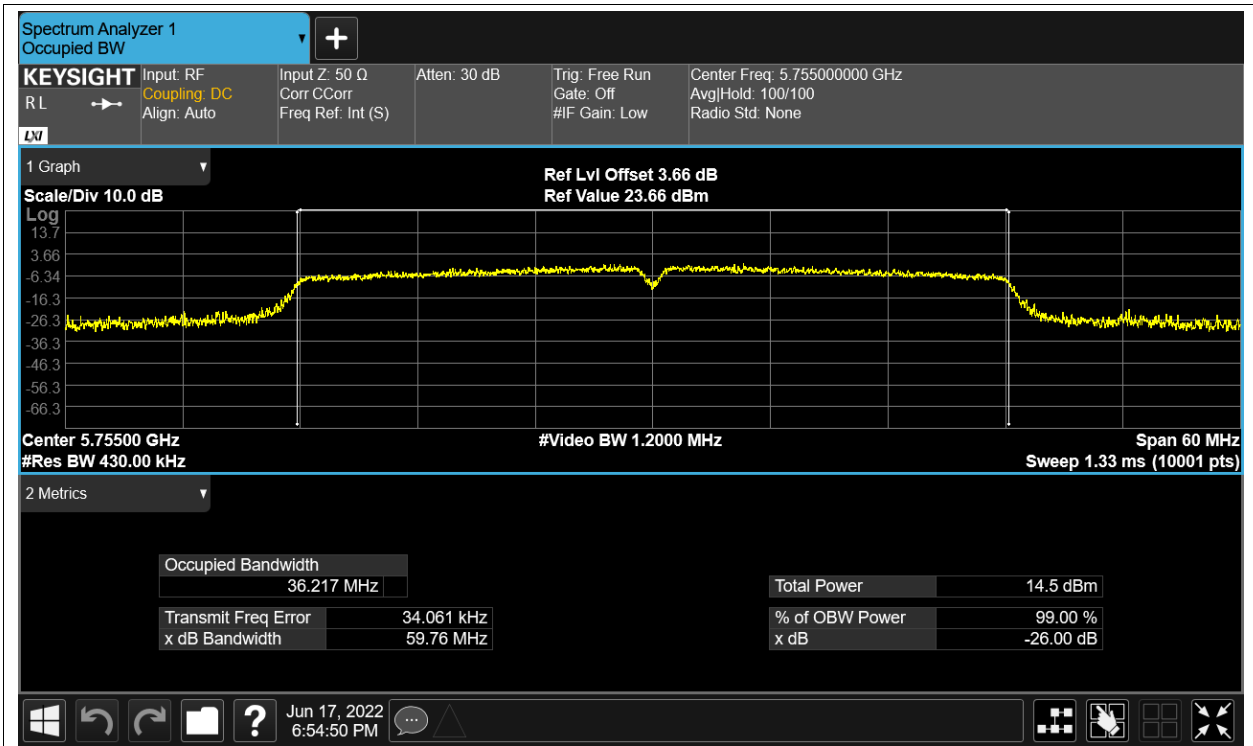




OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2

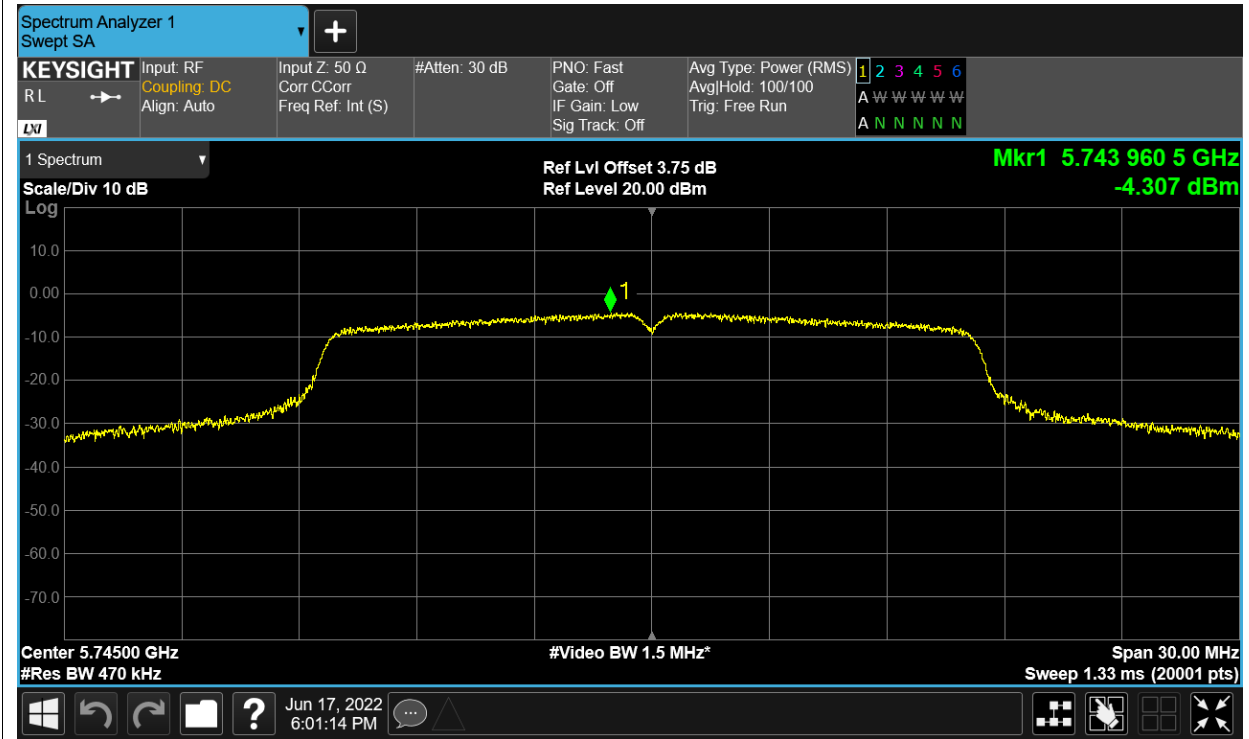


## Maximum Power Spectral Density Level

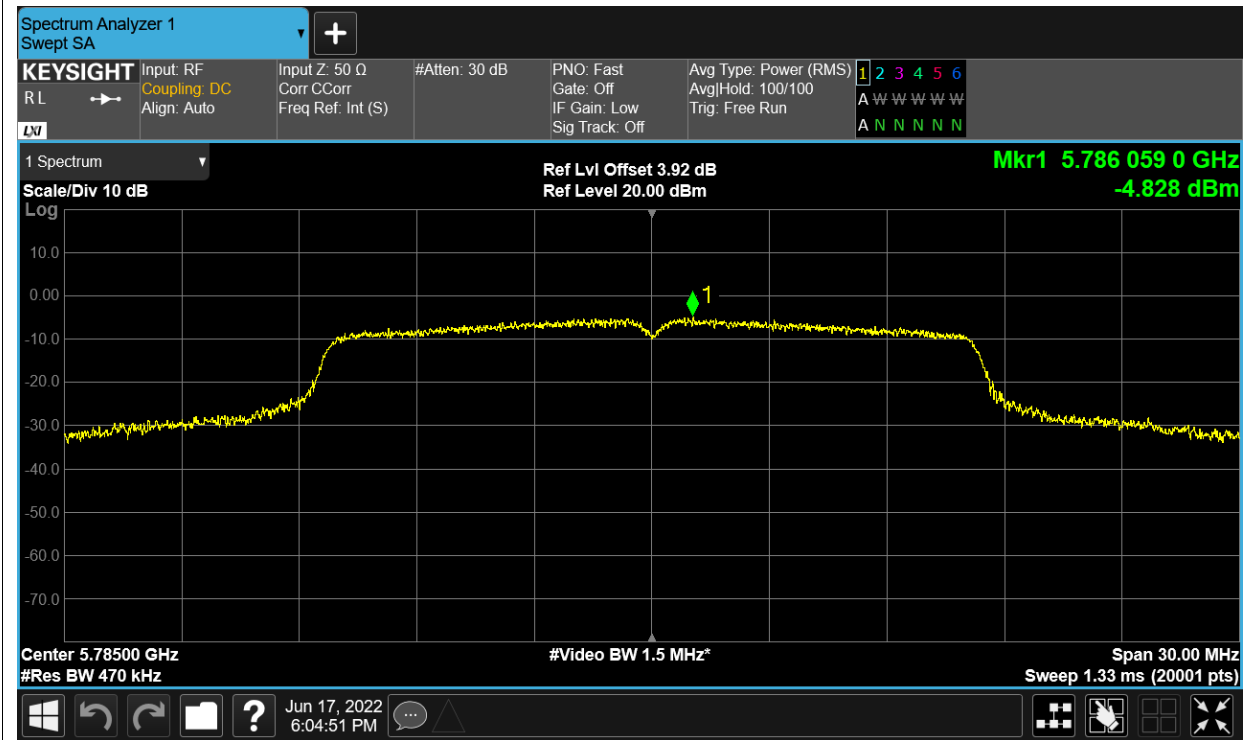
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	-4.307	30	Pass
NVNT	a	5785	Ant2	-4.828	30	Pass
NVNT	a	5825	Ant2	-3.701	30	Pass
NVNT	ac20	5745	Ant2	-4.496	30	Pass
NVNT	ac20	5785	Ant2	-4.173	30	Pass
NVNT	ac20	5825	Ant2	-3.88	30	Pass
NVNT	ac40	5755	Ant2	-7.014	30	Pass
NVNT	ac40	5795	Ant2	-7.105	30	Pass
NVNT	ac80	5775	Ant2	-10.597	30	Pass
NVNT	n20	5745	Ant2	-4.094	30	Pass
NVNT	n20	5785	Ant2	-4.033	30	Pass
NVNT	n20	5825	Ant2	-3.95	30	Pass
NVNT	n40	5755	Ant2	-7.309	30	Pass
NVNT	n40	5795	Ant2	-7.051	30	Pass

Test Graphs

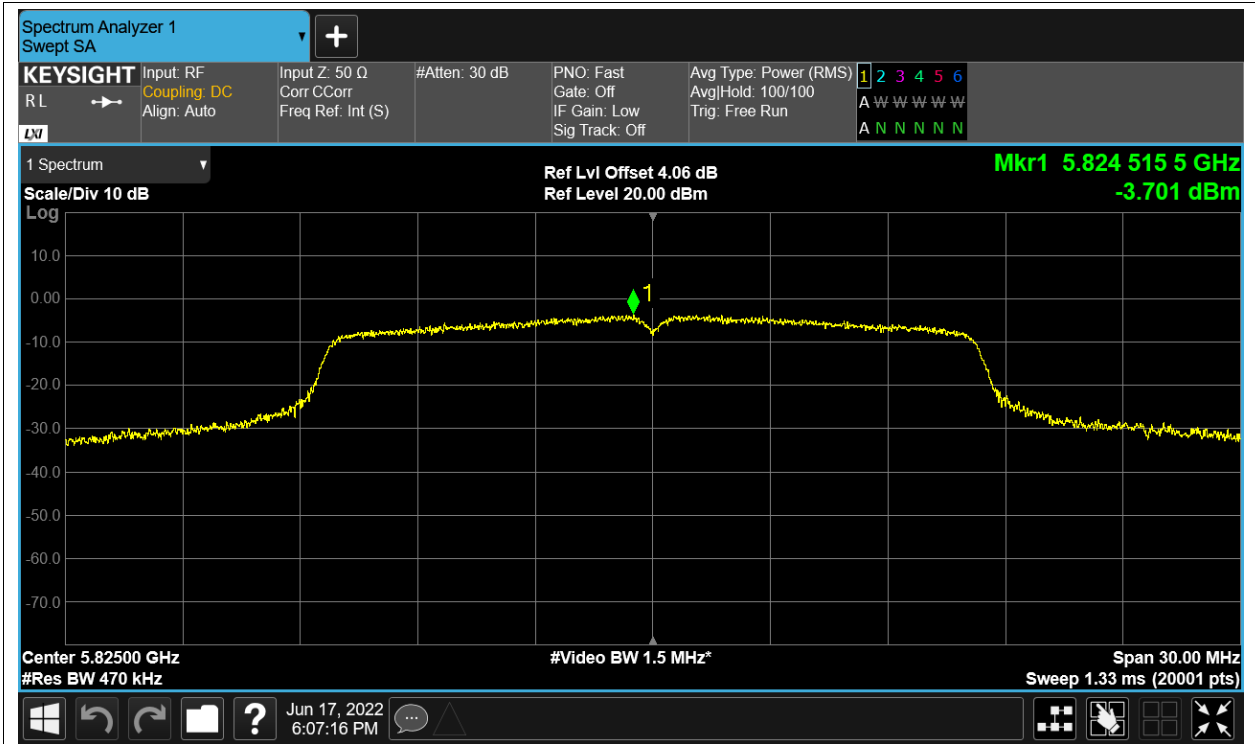
PSD NVNT a 5745MHz Ant2



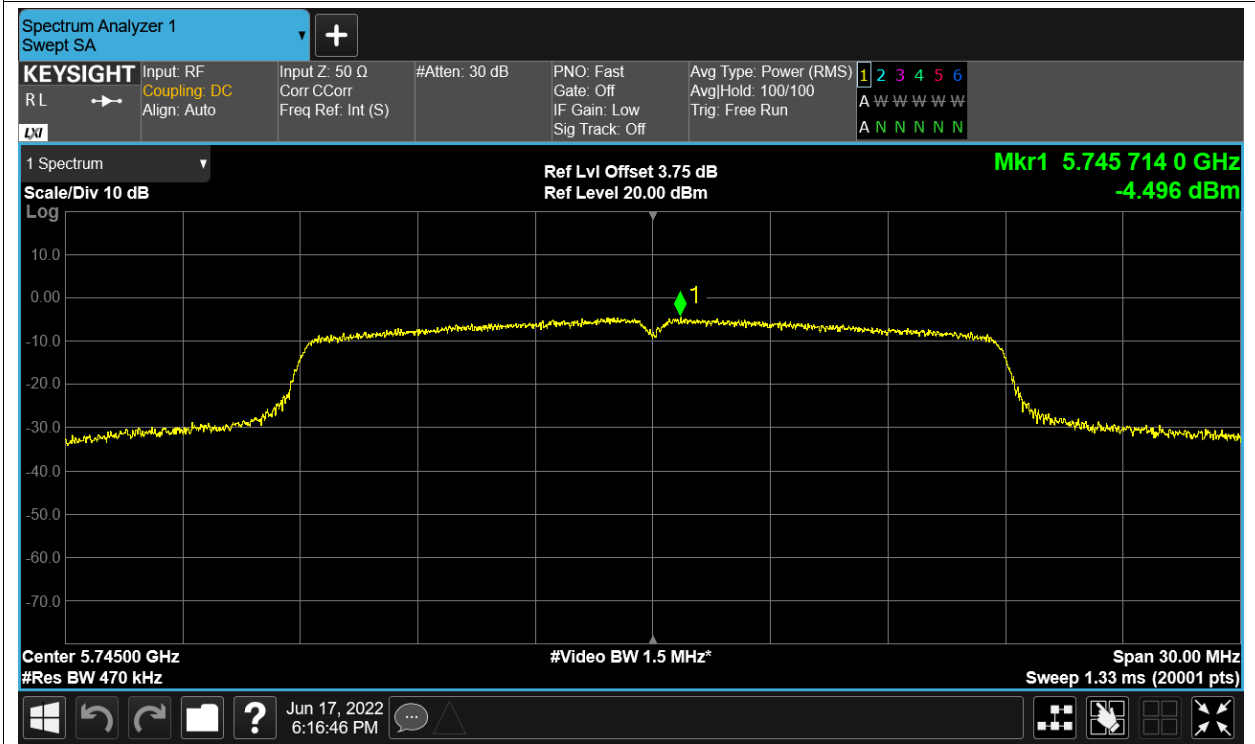
PSD NVNT a 5785MHz Ant2



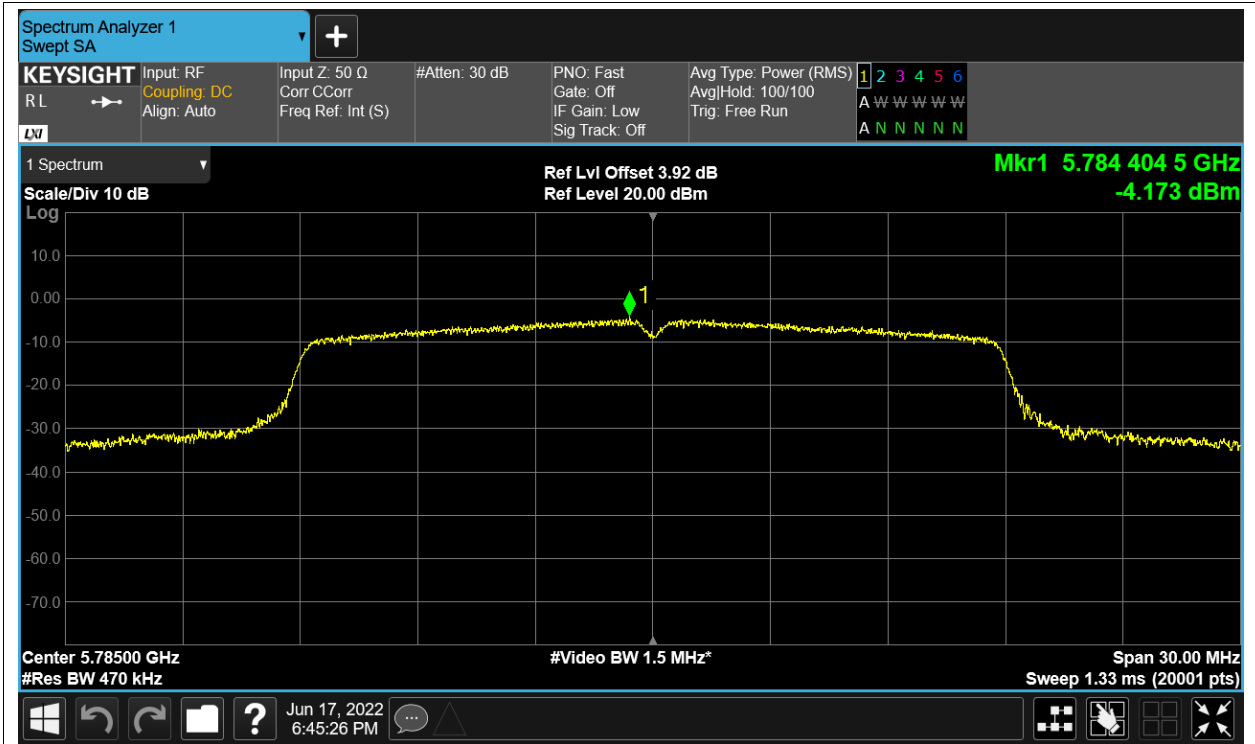
PSD NVNT a 5825MHz Ant2



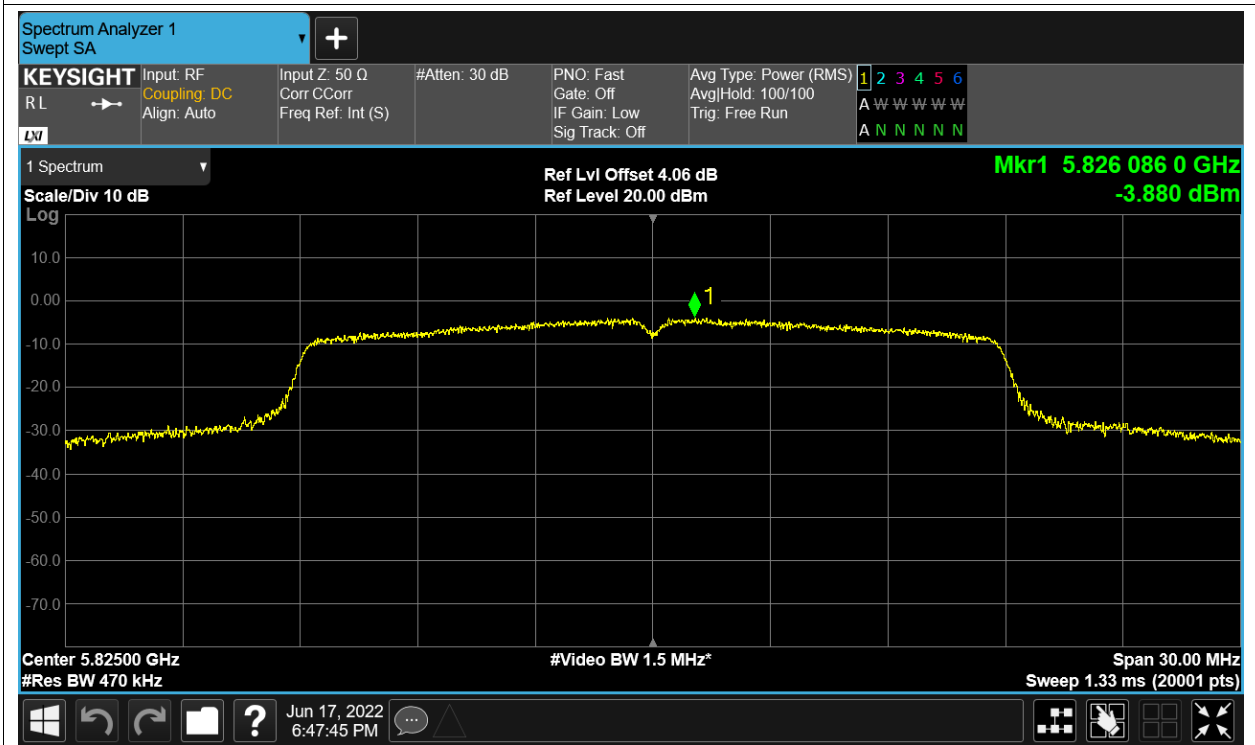
PSD NVNT ac20 5745MHz Ant2



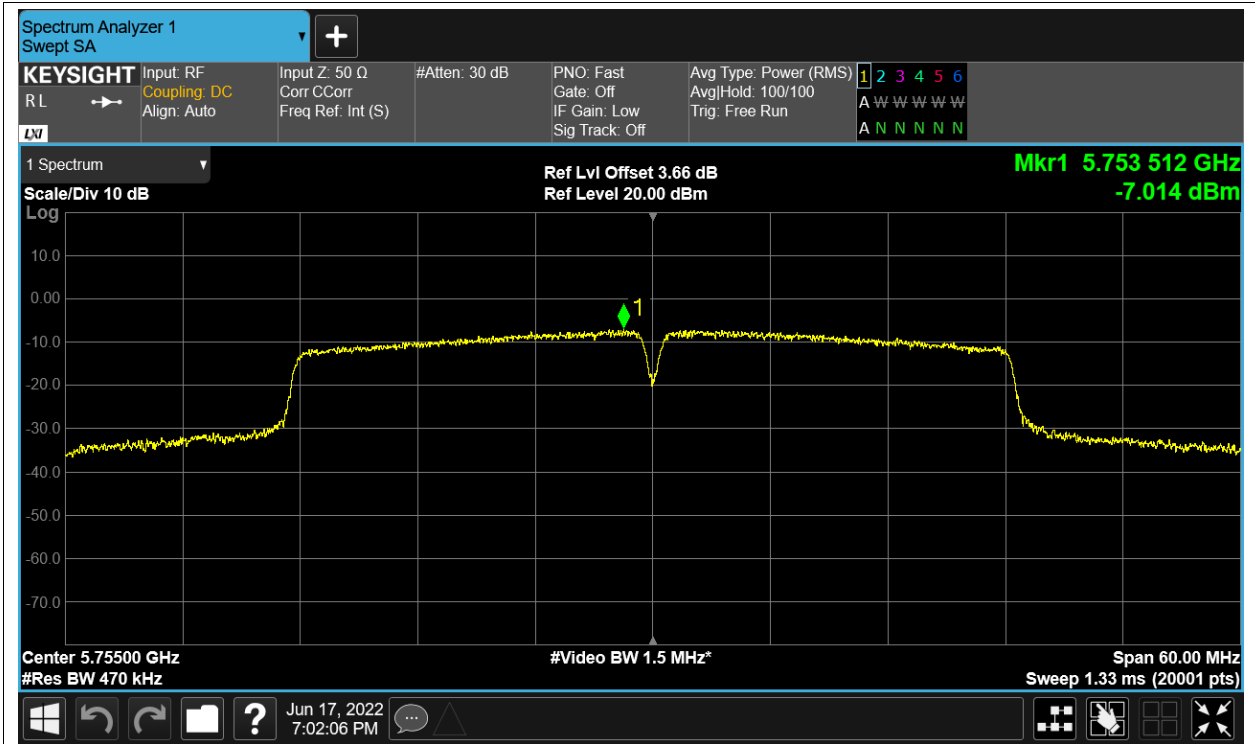
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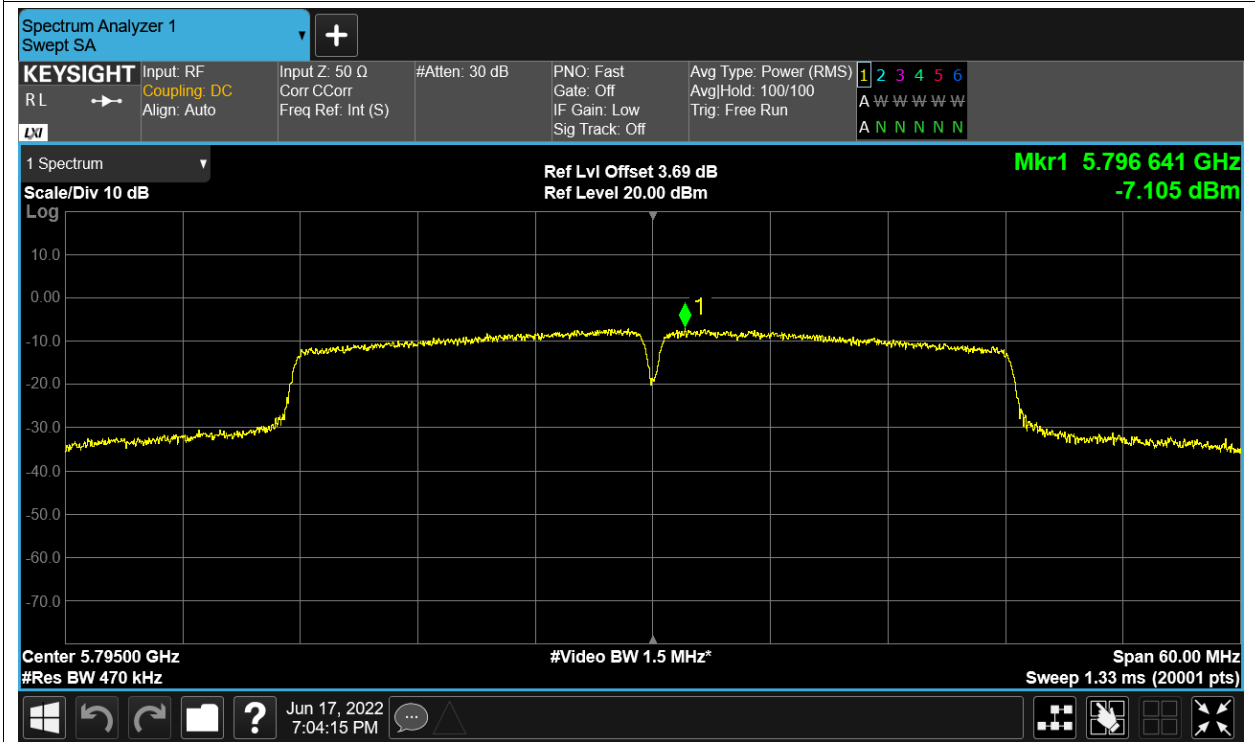
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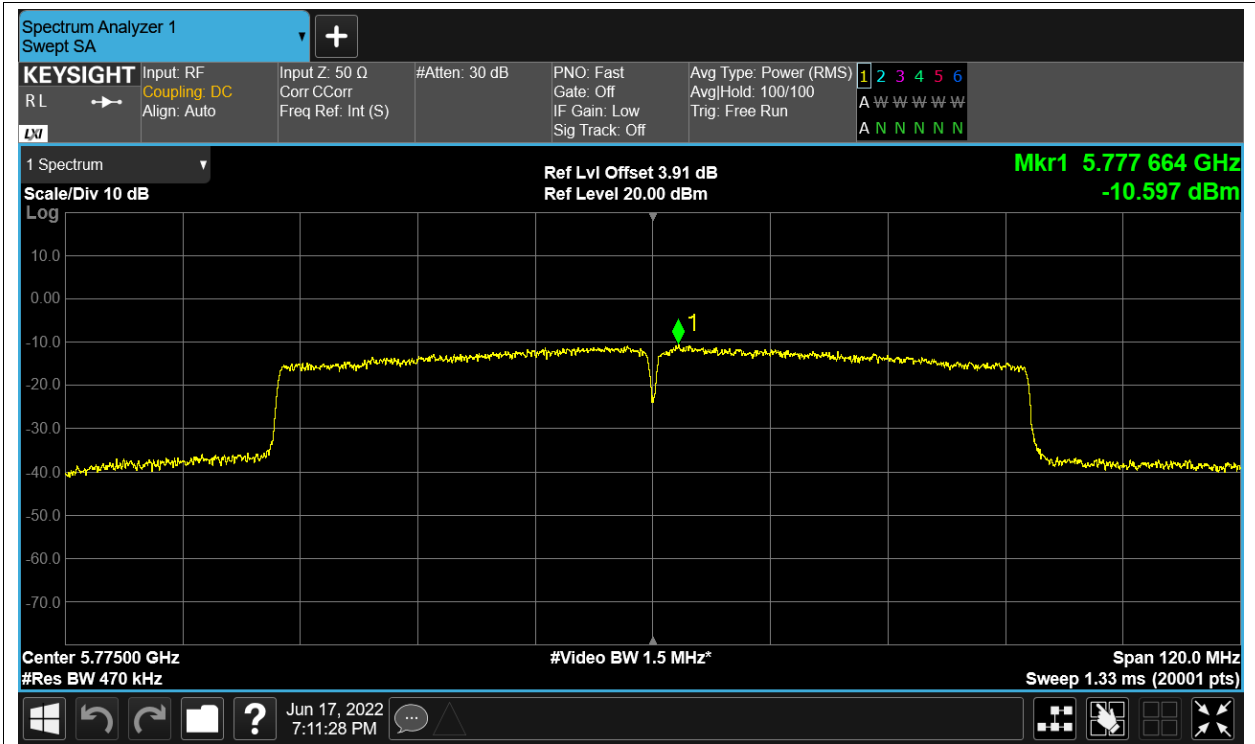
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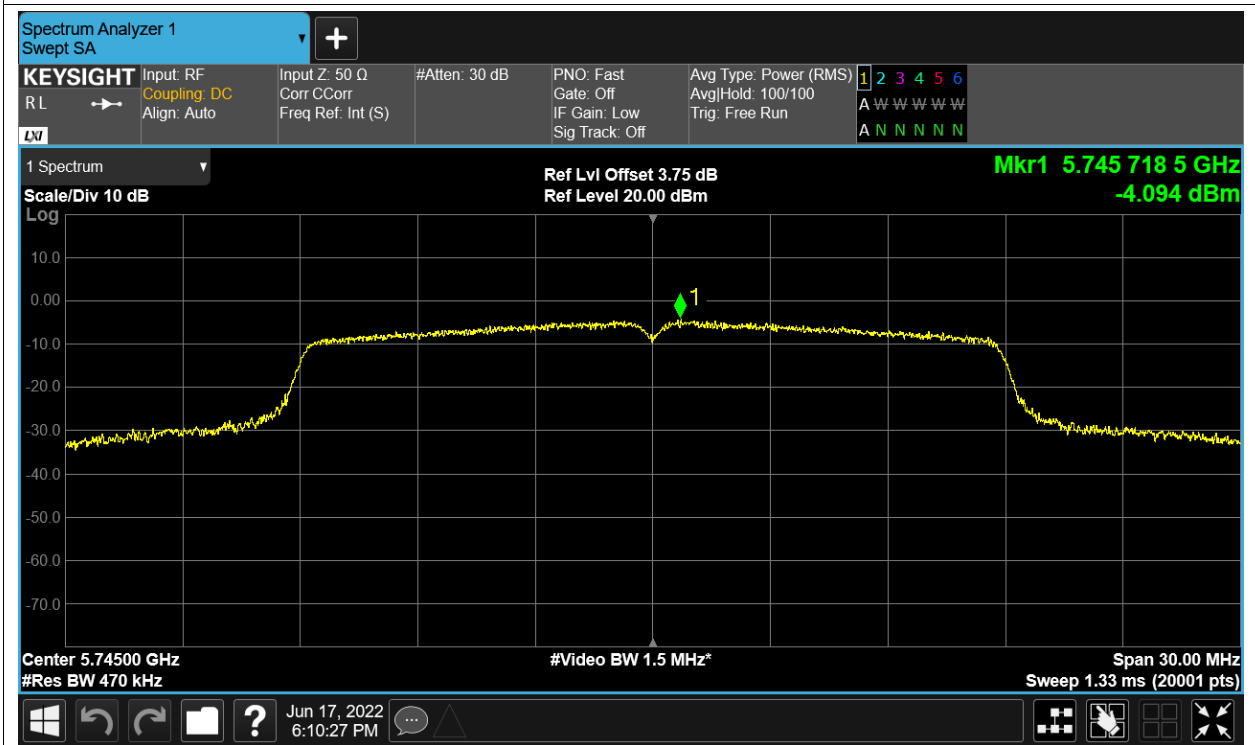
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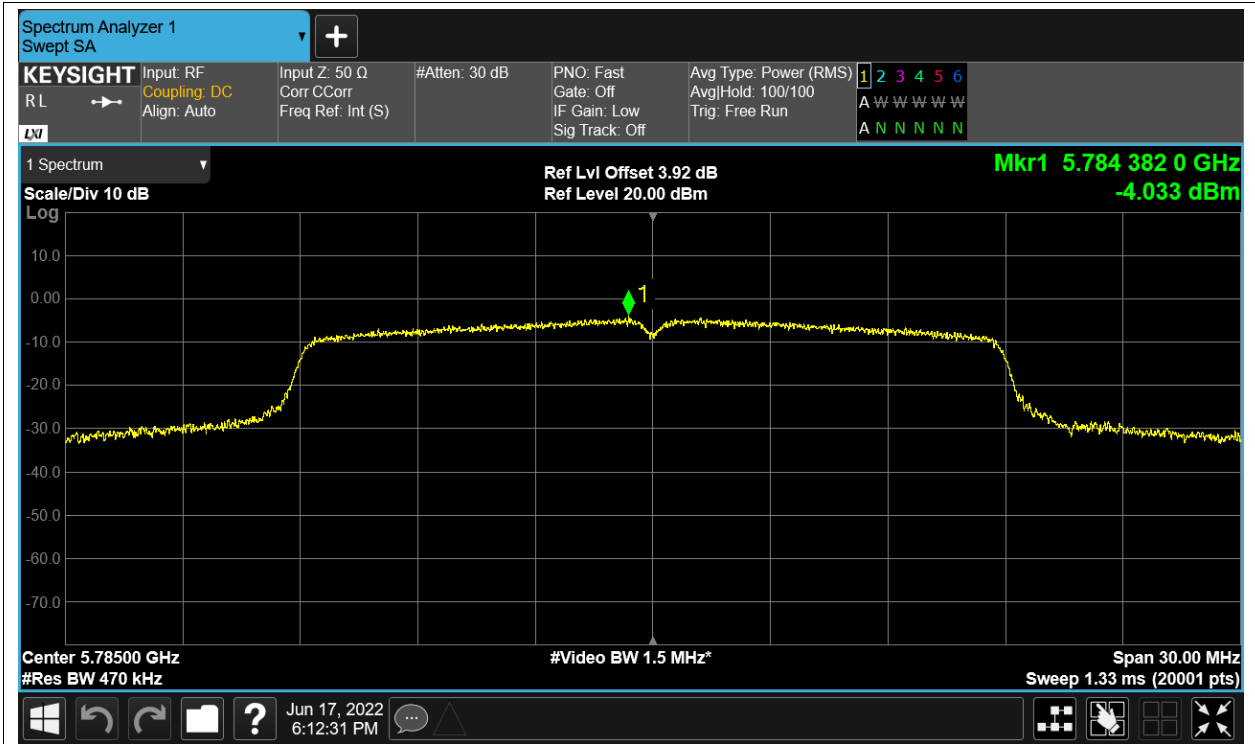


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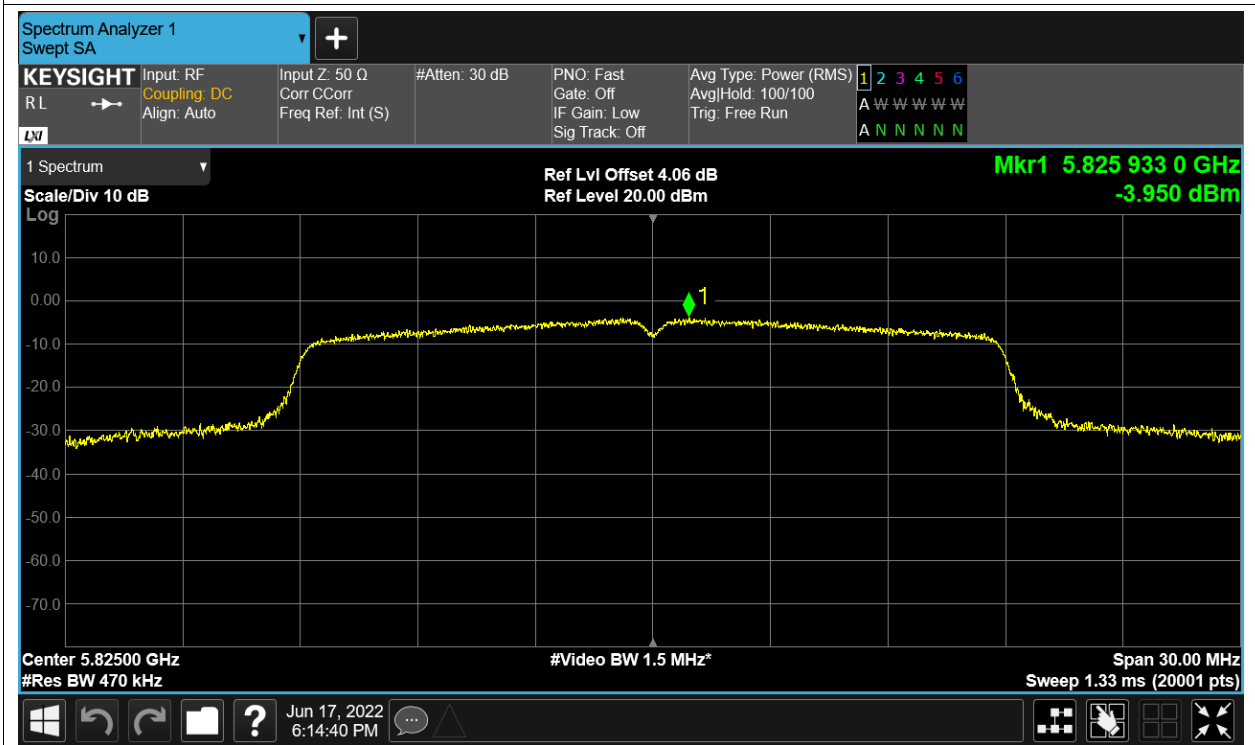


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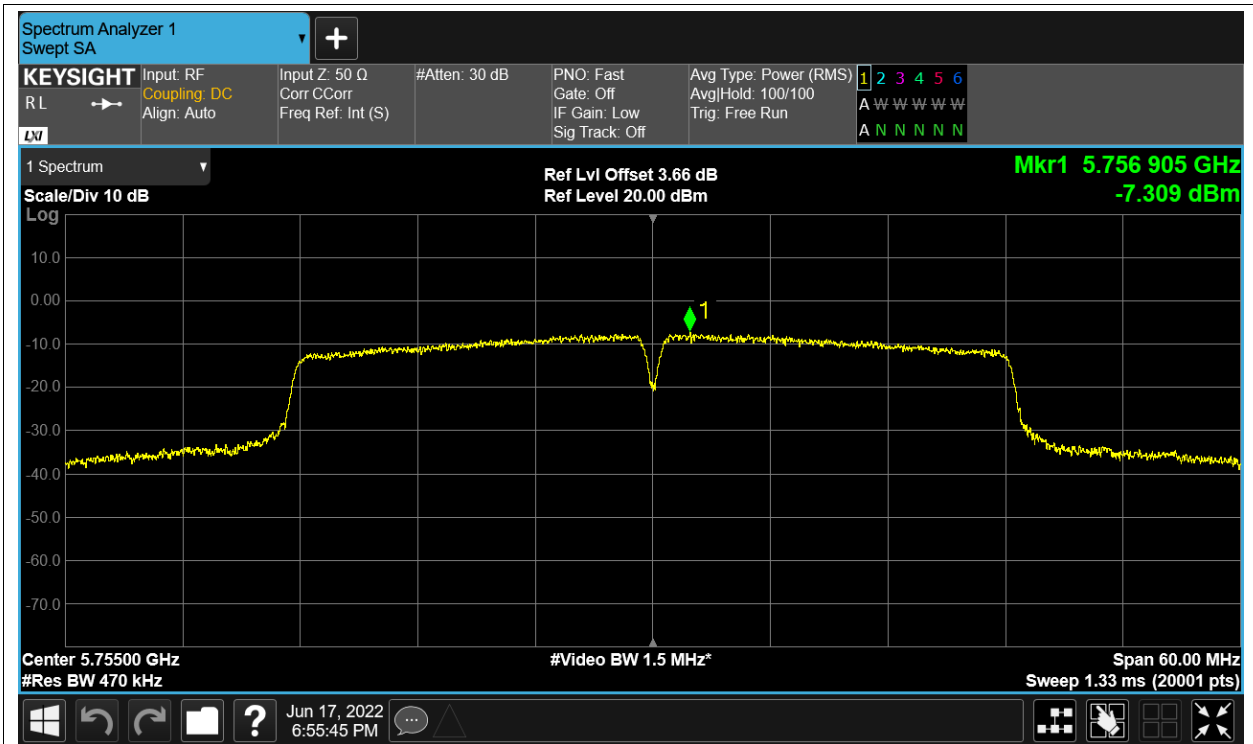




PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

