

## Test Data

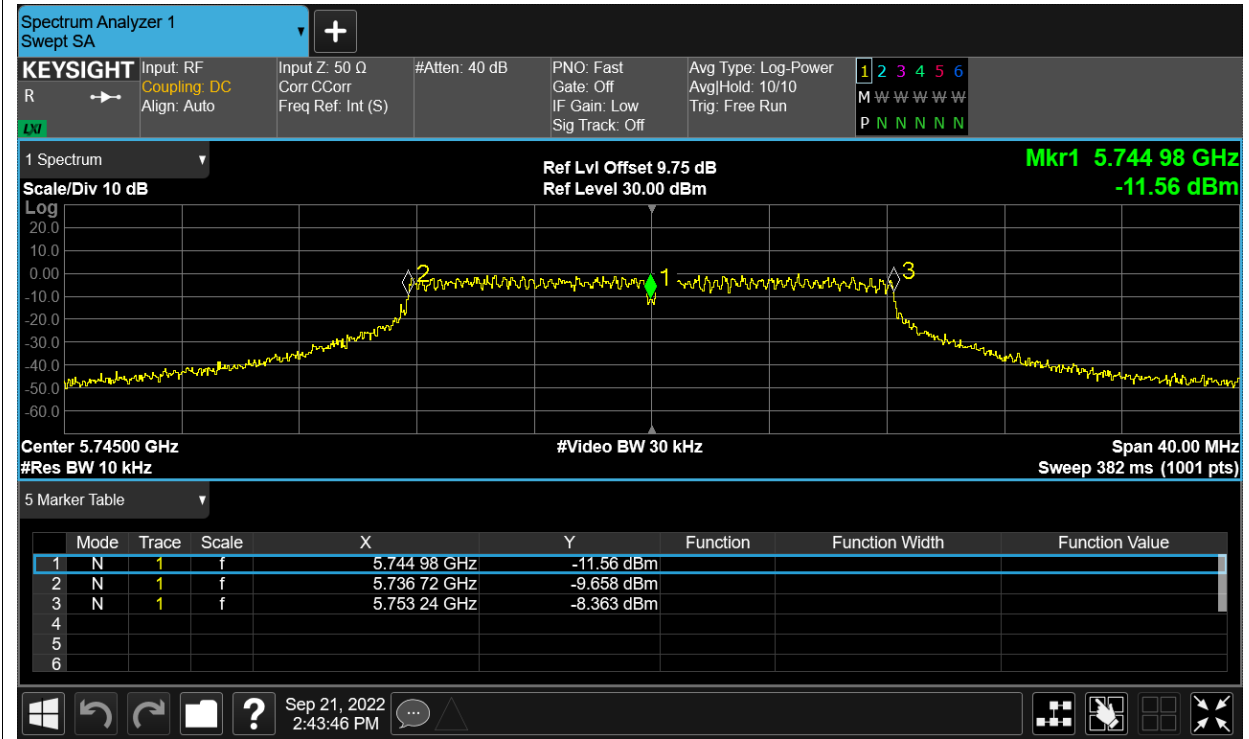
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.98	-3.48	Within authorized band	Pass
HVNT	a	5745	Ant2	5744.98	-3.48		Pass
LVNT	a	5745	Ant1	5744.98	-3.48		Pass
LVNT	a	5745	Ant2	5744.98	-3.48		Pass
NVHT	a	5745	Ant1	5745	0		Pass
NVHT	a	5745	Ant2	5744.98	-3.48		Pass
NVLT	a	5745	Ant1	5745	0		Pass
NVLT	a	5745	Ant2	5744.98	-3.48		Pass
NVNT	a	5745	Ant1	5744.98	-3.48		Pass
NVNT	a	5745	Ant2	5745	0		Pass
HVNT	n20	5745	Sum	5745	0		Pass
LVNT	n20	5745	Sum	5745	0		Pass
NVHT	n20	5745	Sum	5744.98	-3.48		Pass
NVLT	n20	5745	Sum	5745	0		Pass
NVNT	n20	5745	Sum	5744.98	-3.48		Pass
HVNT	n40	5755	Sum	5755	0		Pass
LVNT	n40	5755	Sum	5754.96	-6.95		Pass
NVHT	n40	5755	Sum	5754.96	-6.95		Pass
NVLT	n40	5755	Sum	5754.96	-6.95		Pass
NVNT	n40	5755	Sum	5755	0		Pass

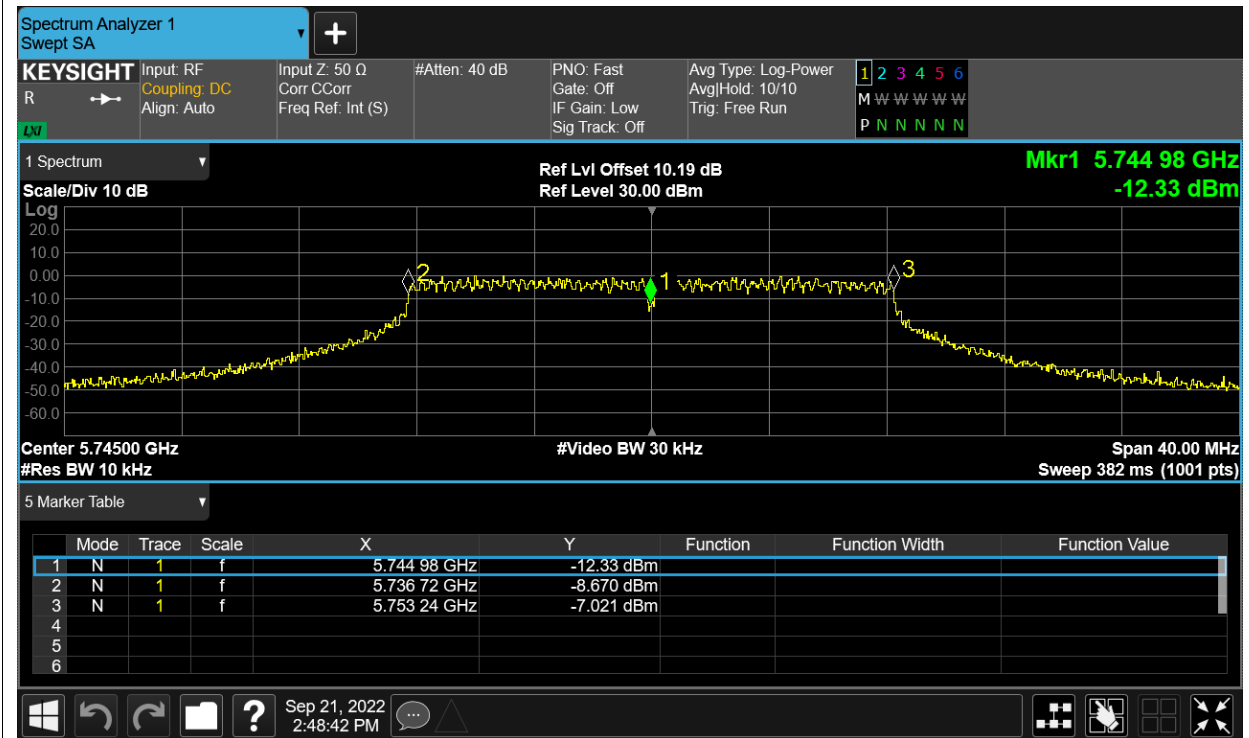
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

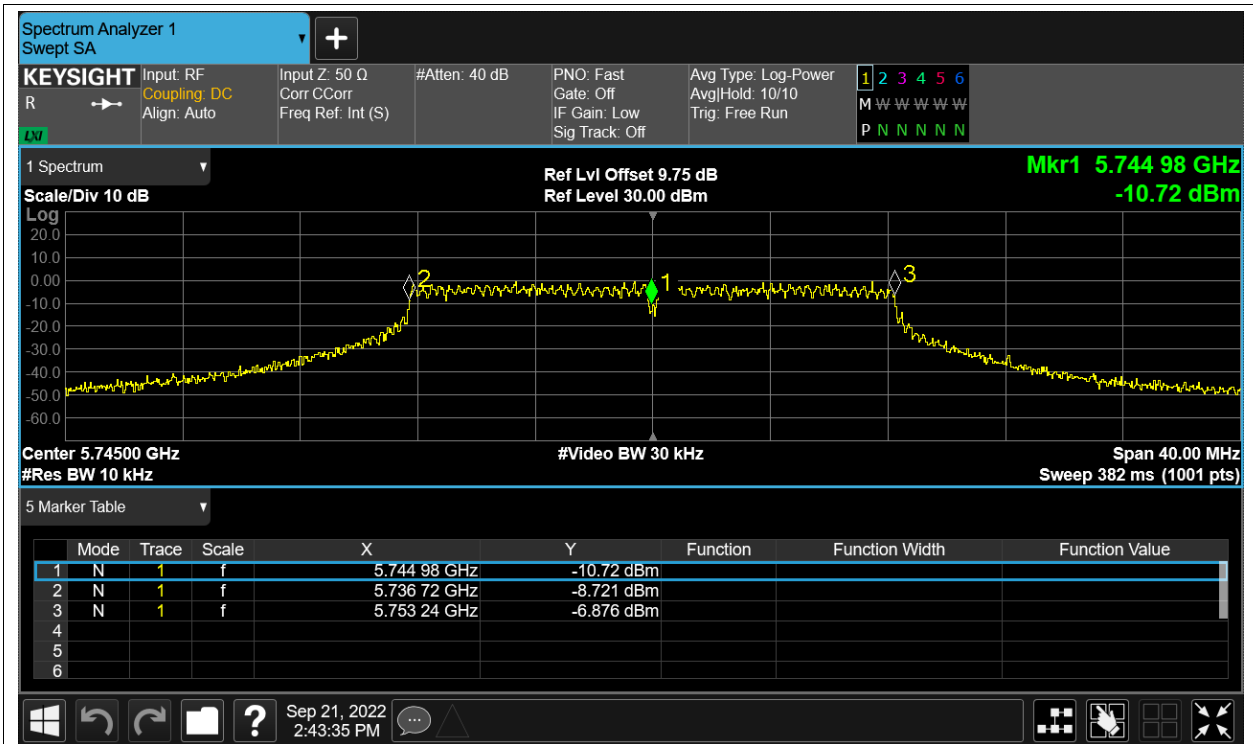
Freq. Stability HVNT a 5745MHz Ant1



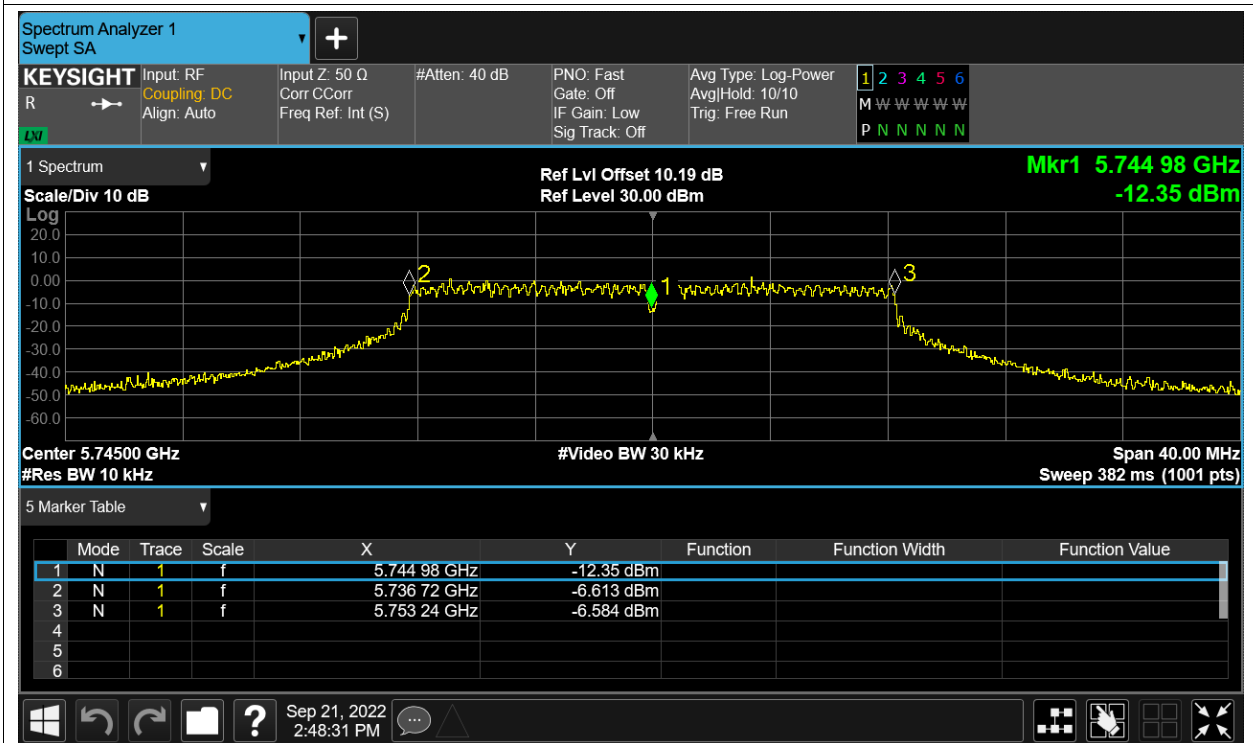
Freq. Stability HVNT a 5745MHz Ant2



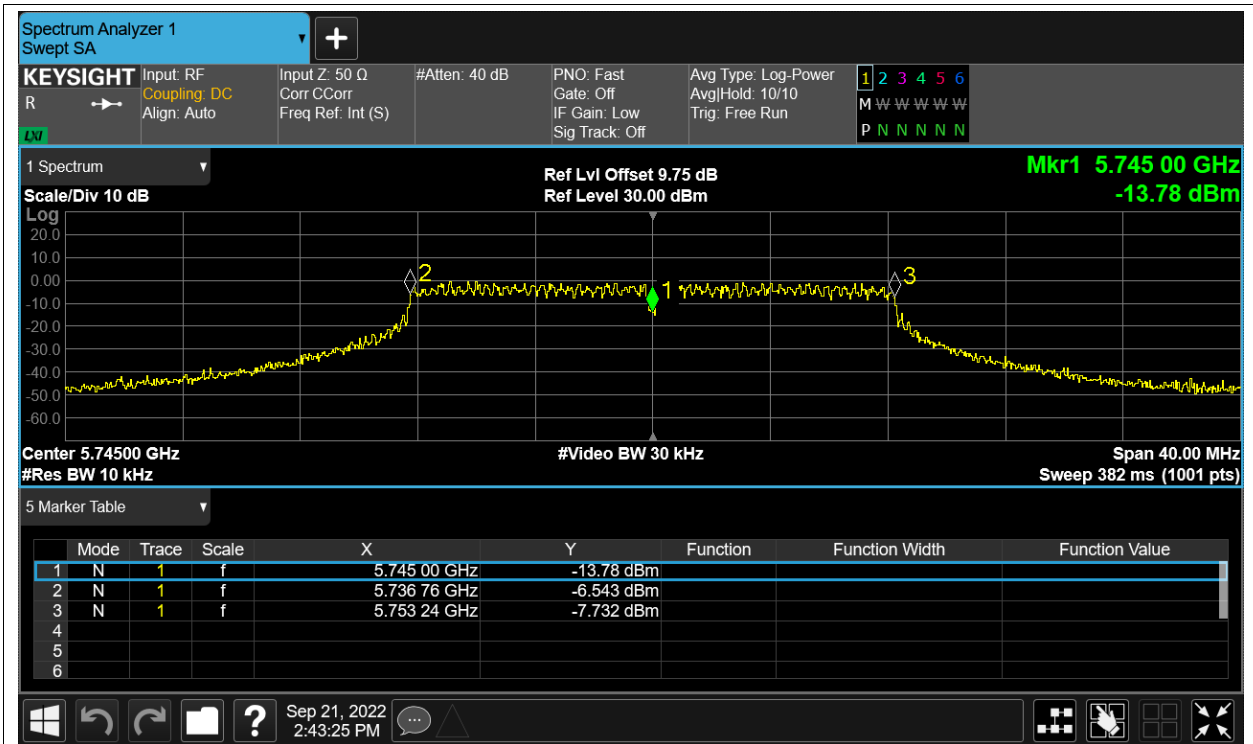
Freq. Stability LVNT a 5745MHz Ant1



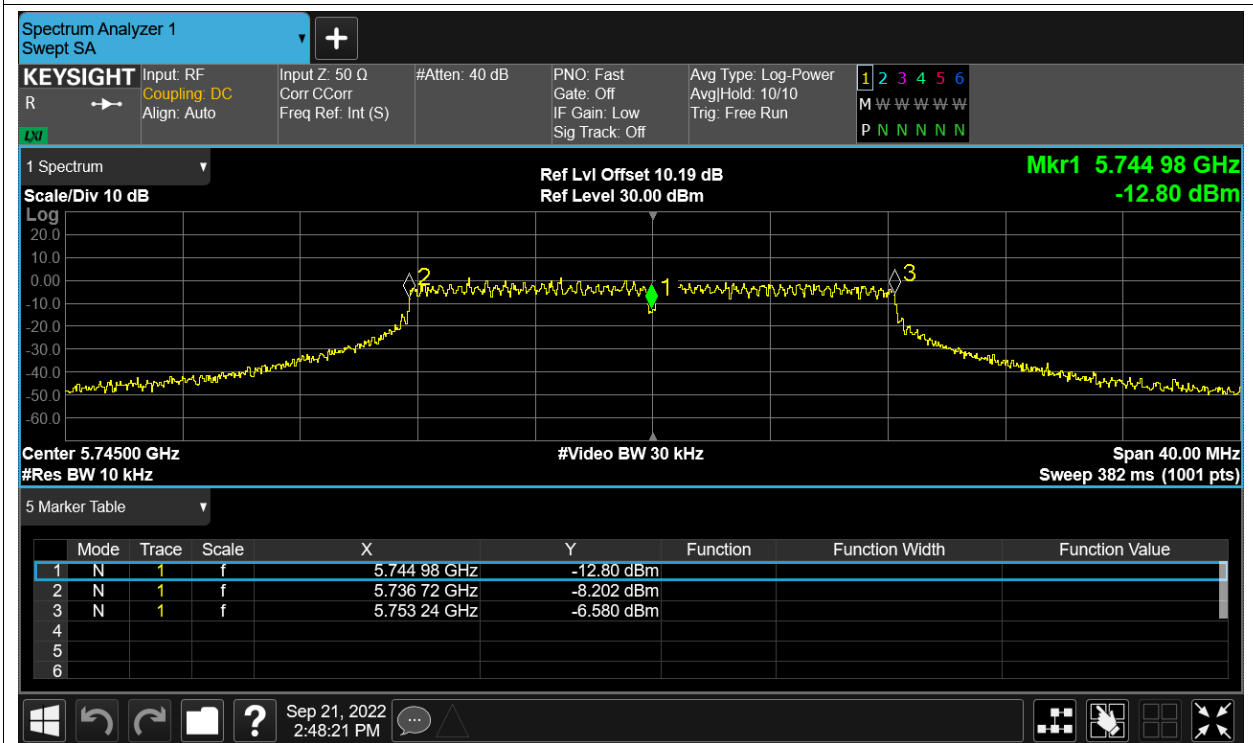
Freq. Stability LVNT a 5745MHz Ant2



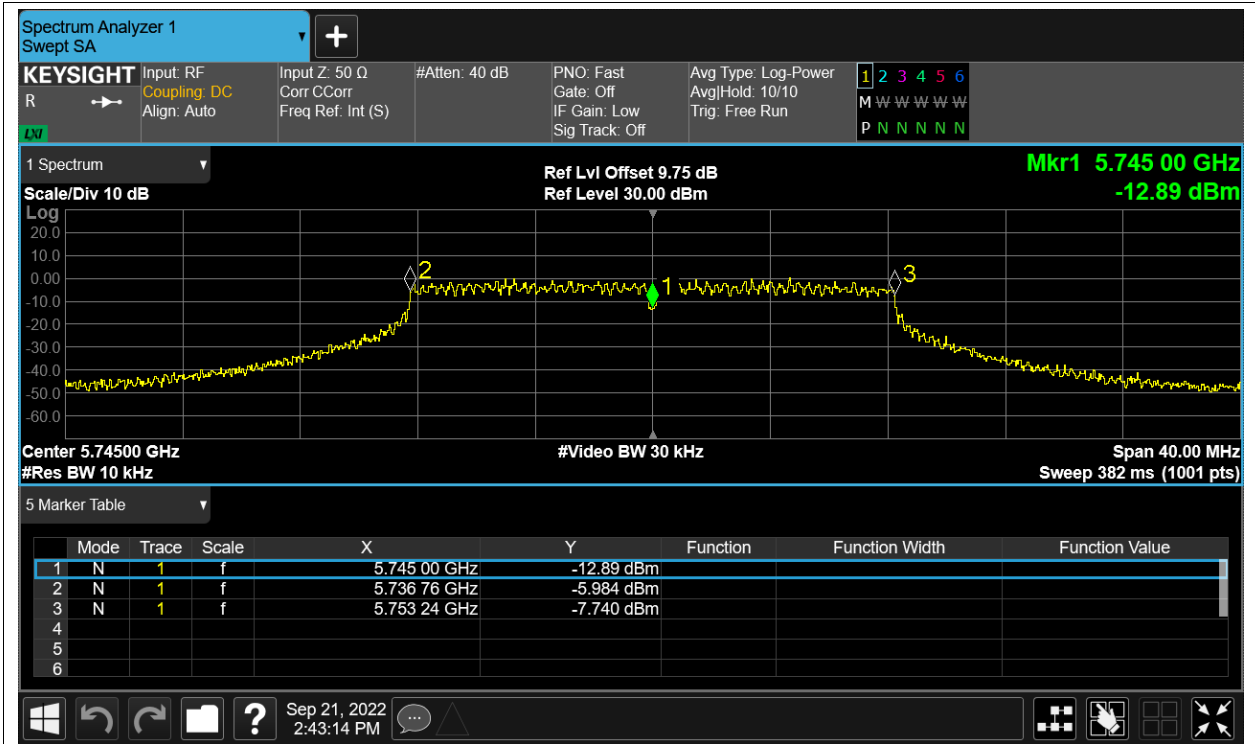
Freq. Stability NVHT a 5745MHz Ant1



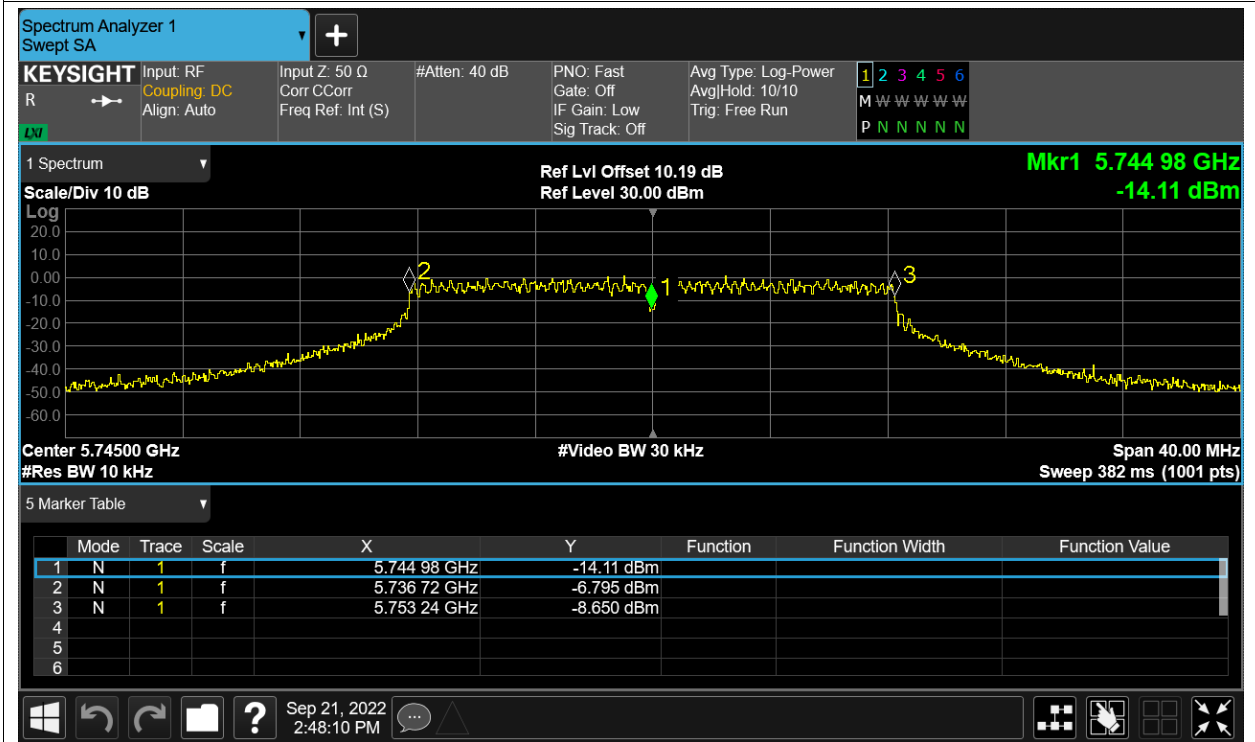
Freq. Stability NVHT a 5745MHz Ant2



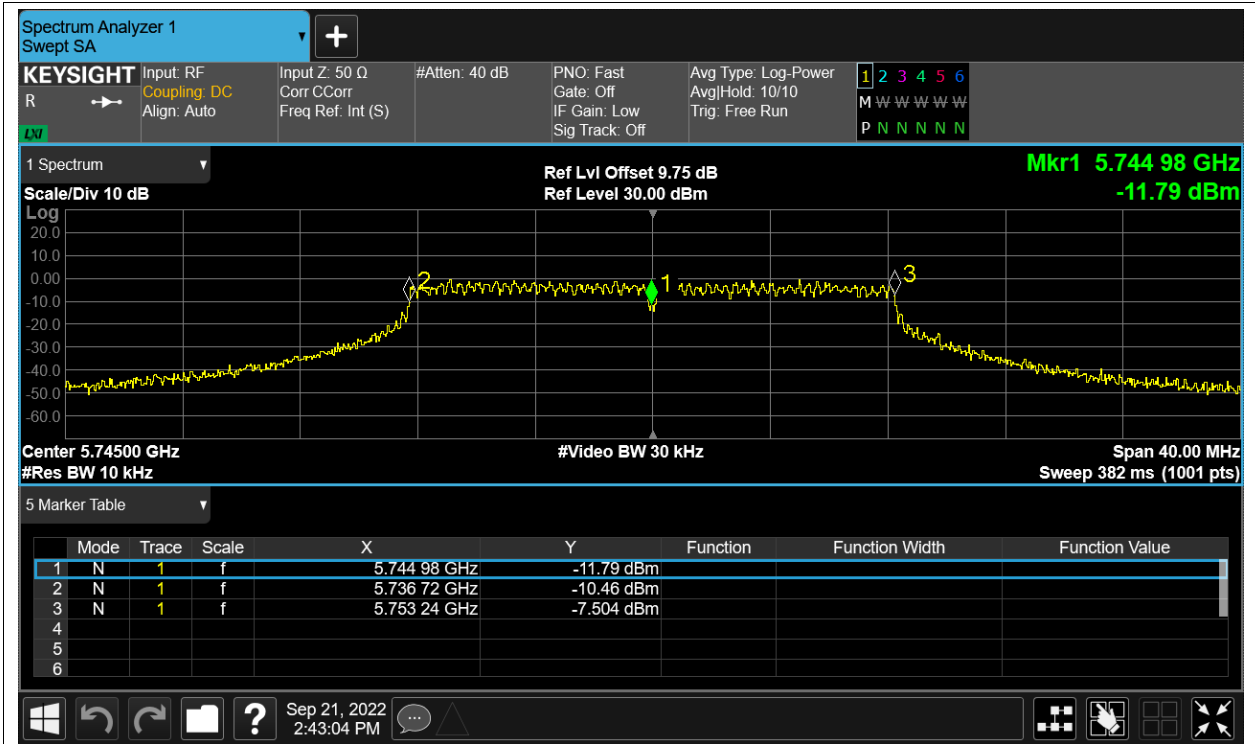
Freq. Stability NVLT a 5745MHz Ant1



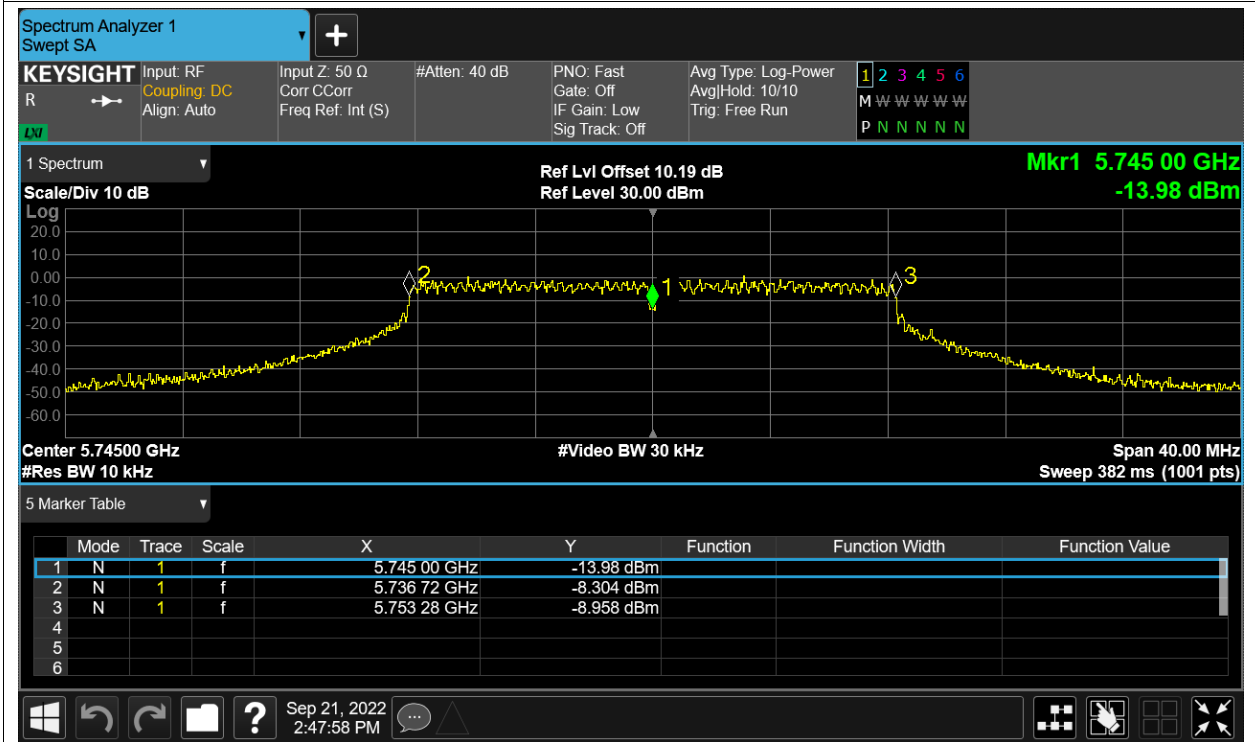
Freq. Stability NVLT a 5745MHz Ant2



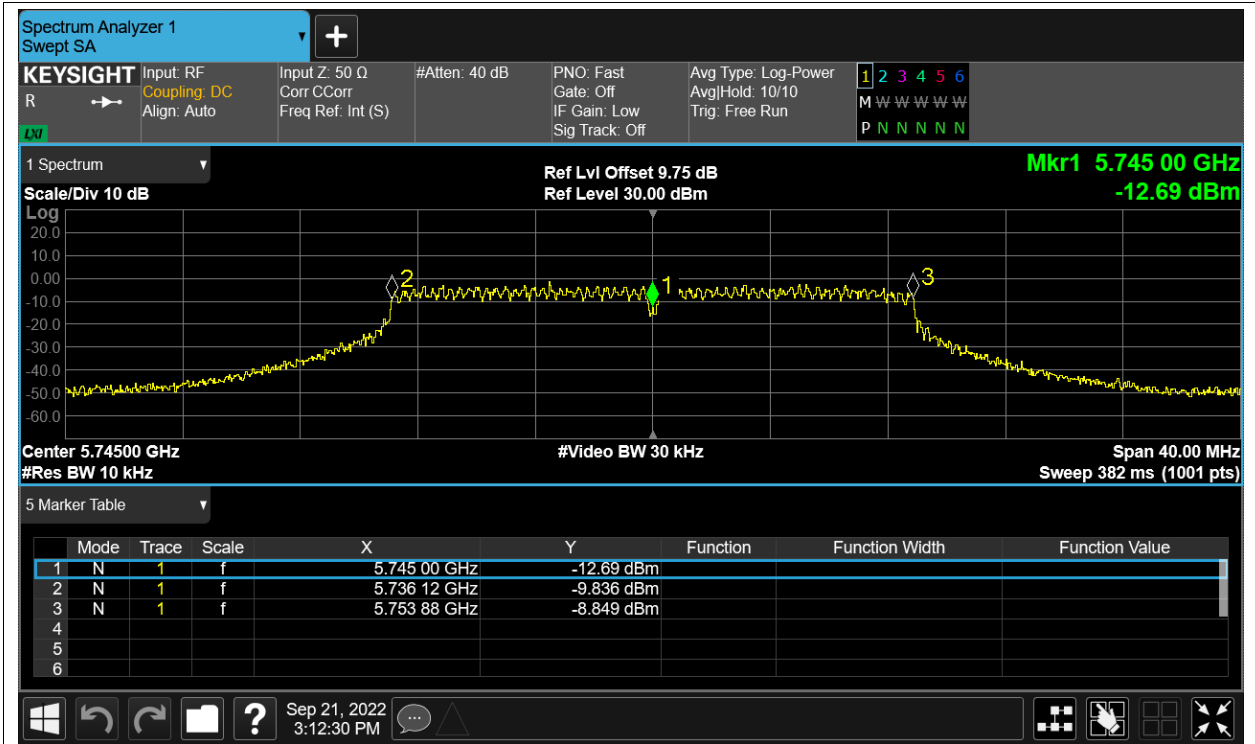
Freq. Stability NVNT a 5745MHz Ant1



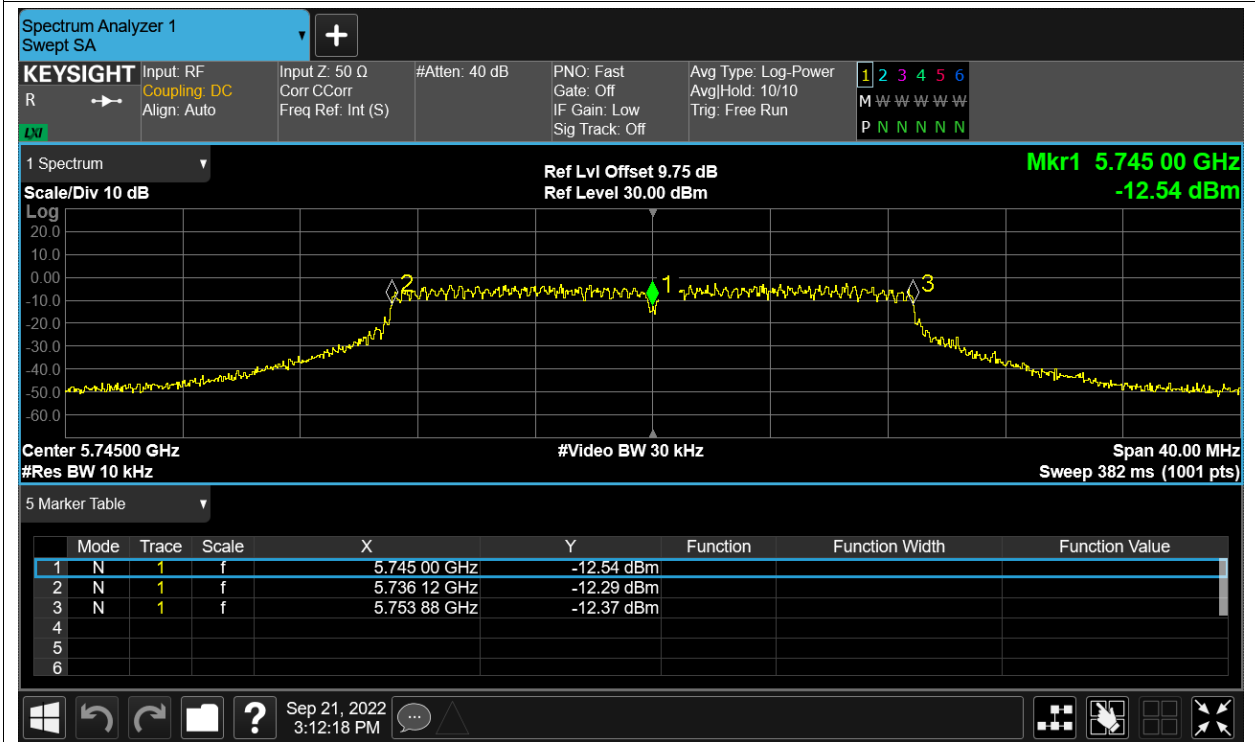
Freq. Stability NVNT a 5745MHz Ant2



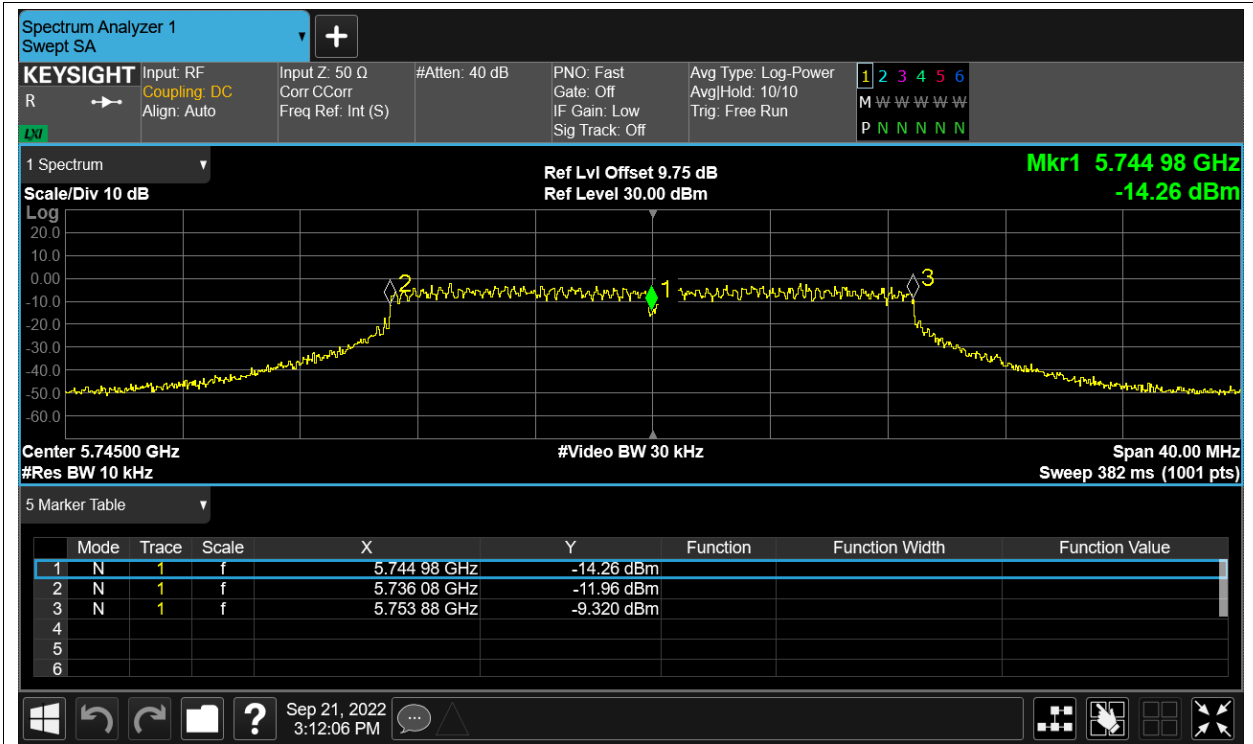
Freq. Stability HVNT n20 5745MHz Sum



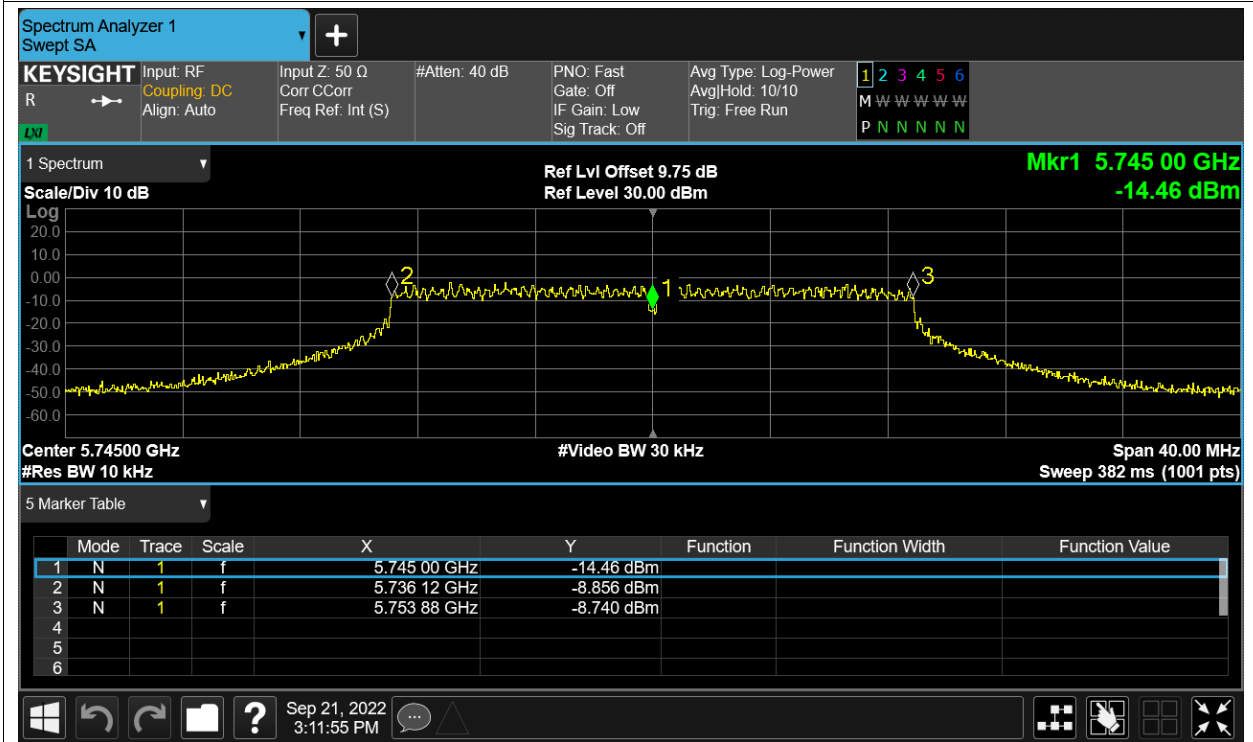
Freq. Stability LVNT n20 5745MHz Sum



Freq. Stability NVHT n20 5745MHz Sum

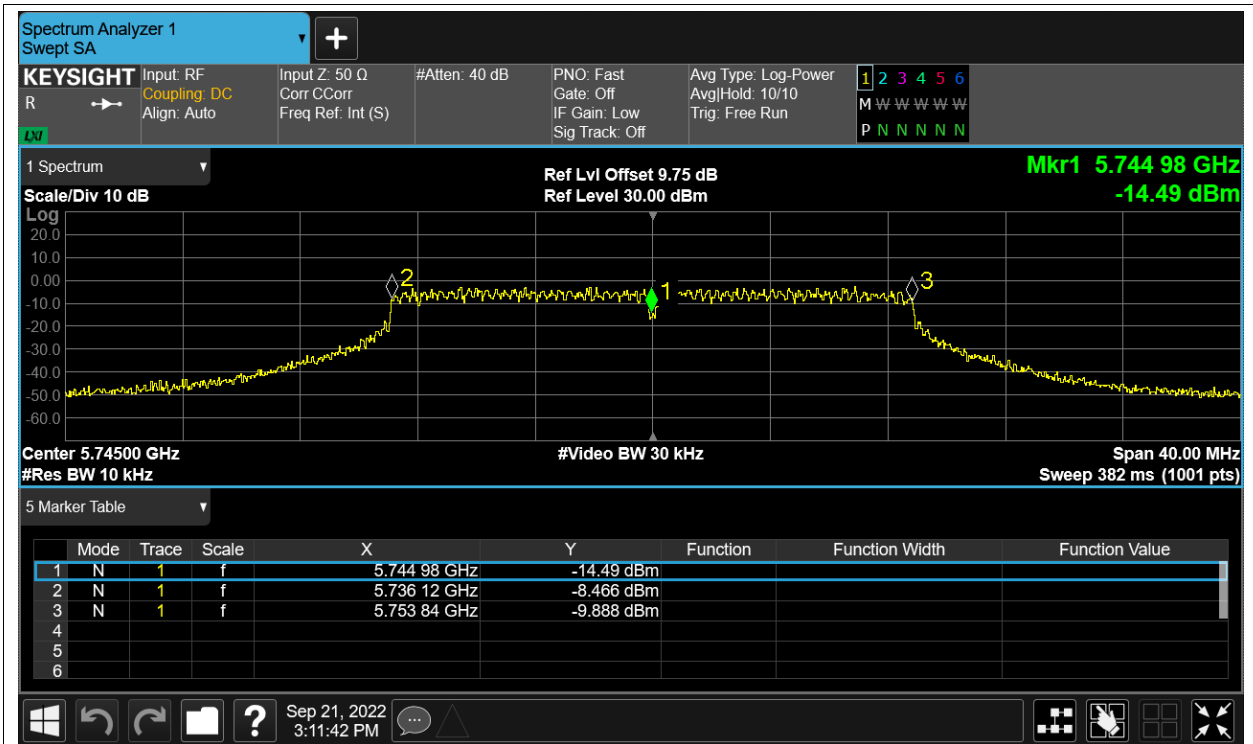


Freq. Stability NVLT n20 5745MHz Sum

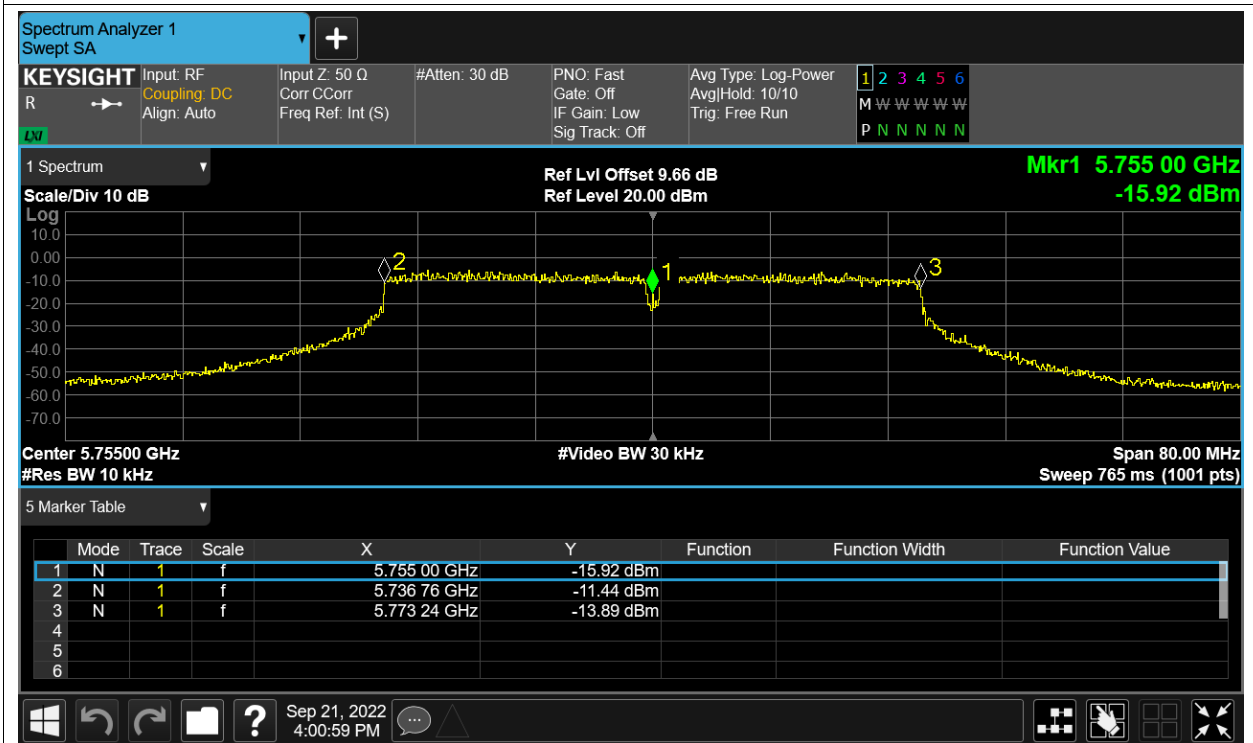


Freq. Stability NVNT n20 5745MHz Sum

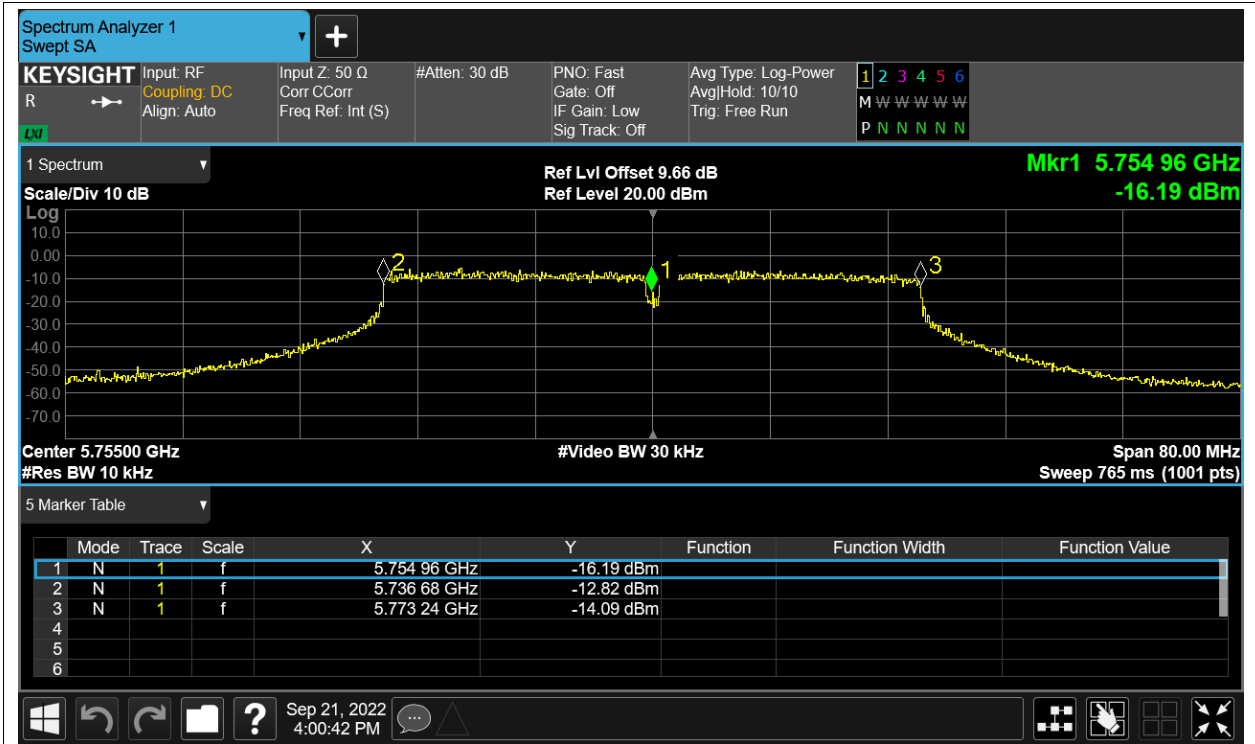




Freq. Stability HVNT n40 5755MHz Sum



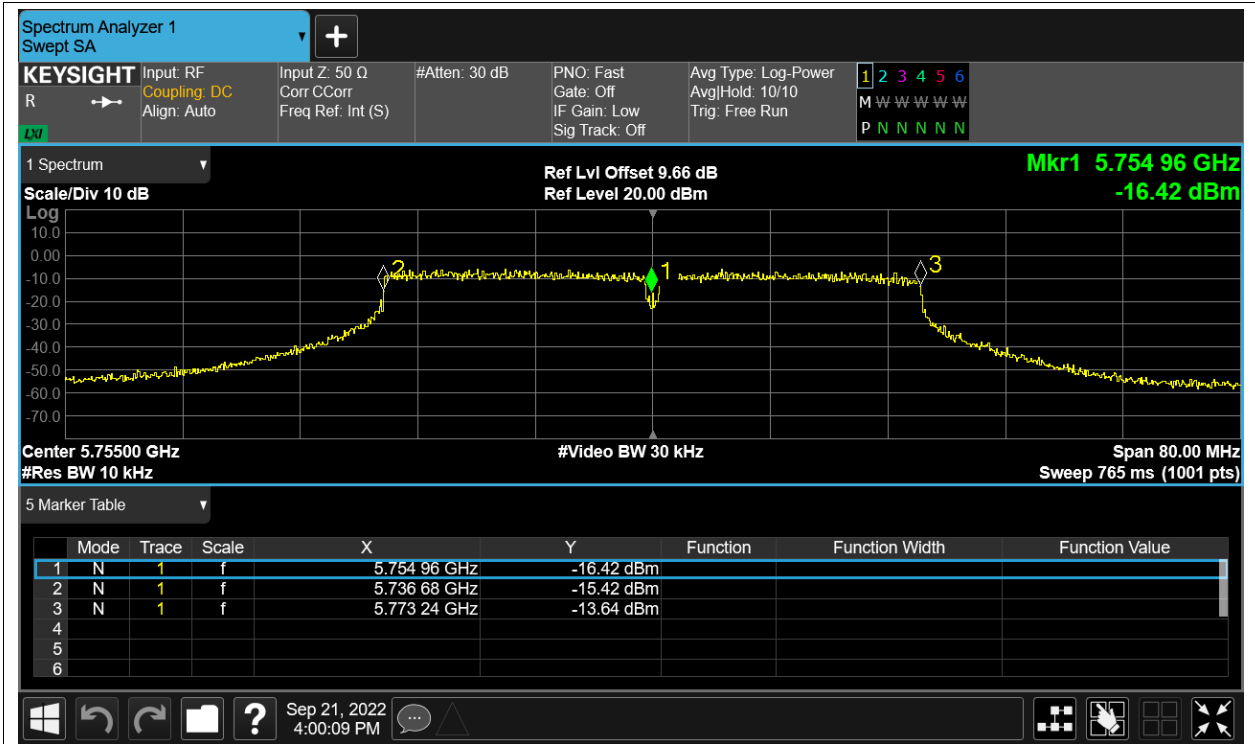
Freq. Stability LVNT n40 5755MHz Sum



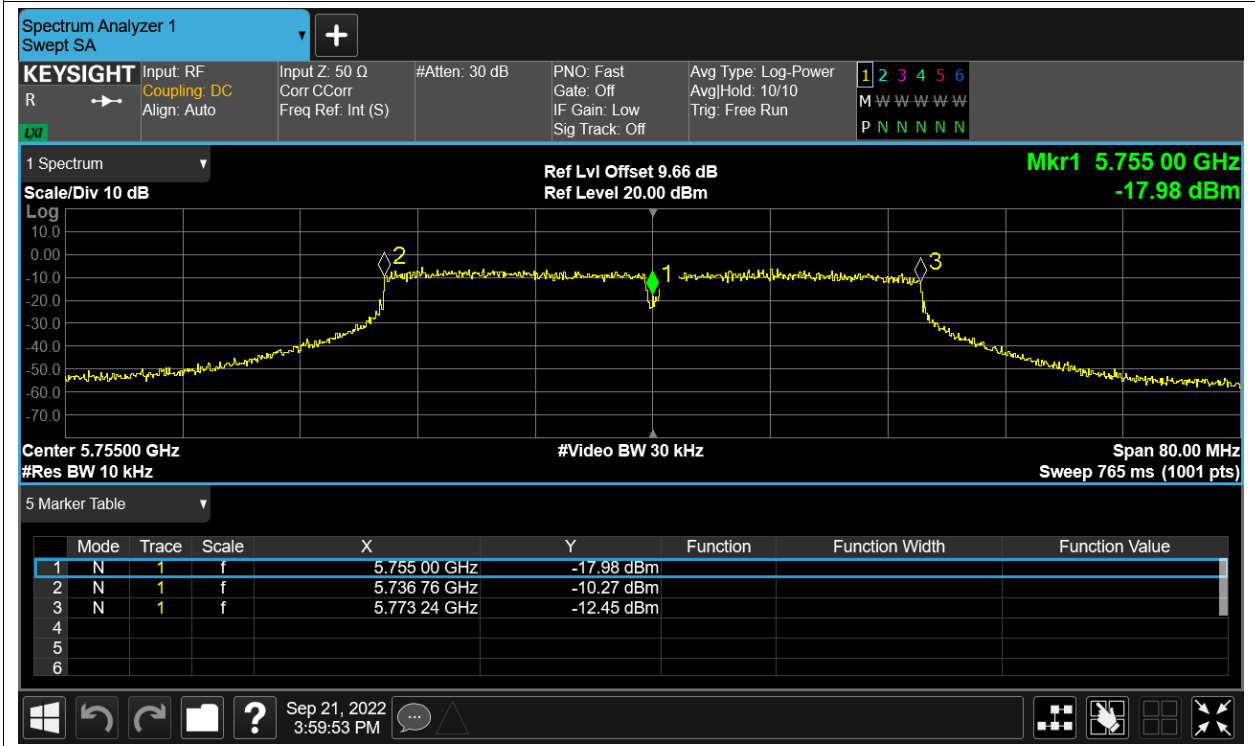
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

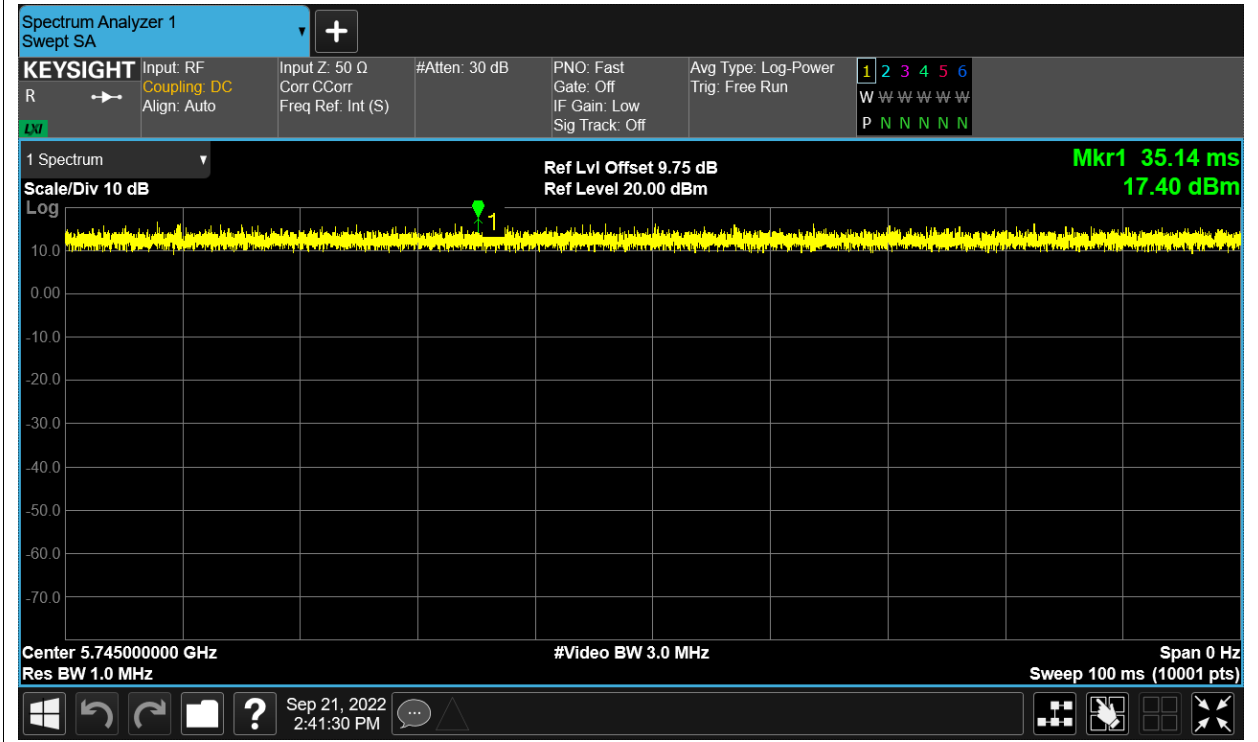


## Duty Cycle

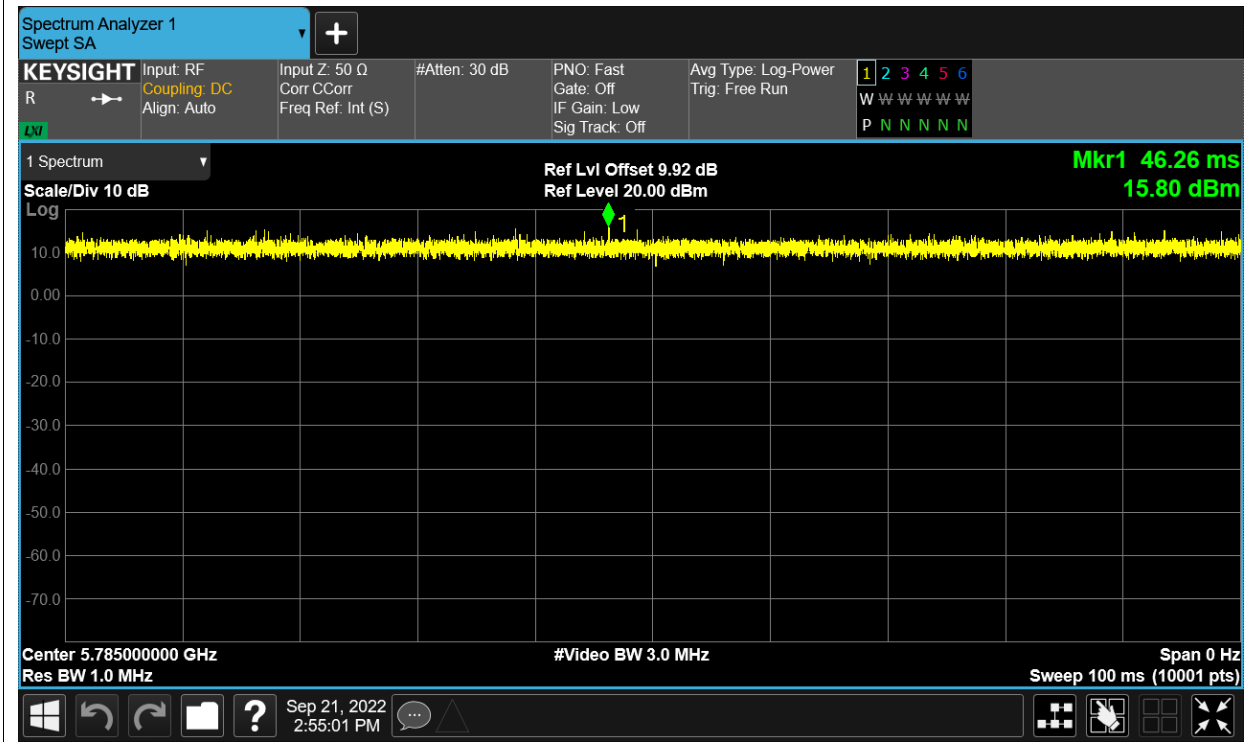
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	n20	5745	Sum	100	0
NVNT	n20	5785	Sum	100	0
NVNT	n20	5825	Sum	100	0
NVNT	n40	5755	Sum	100	0
NVNT	n40	5795	Sum	100	0

Test Graphs

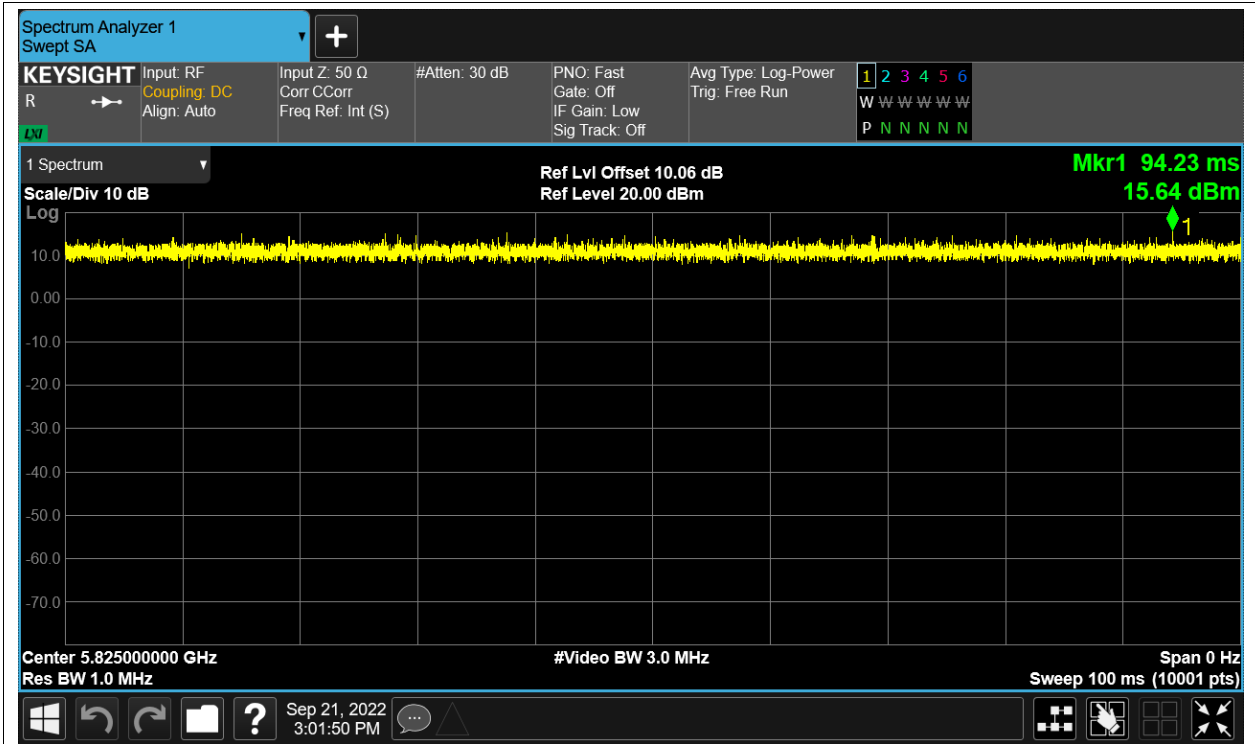
Duty Cycle NVNT a 5745MHz Ant1



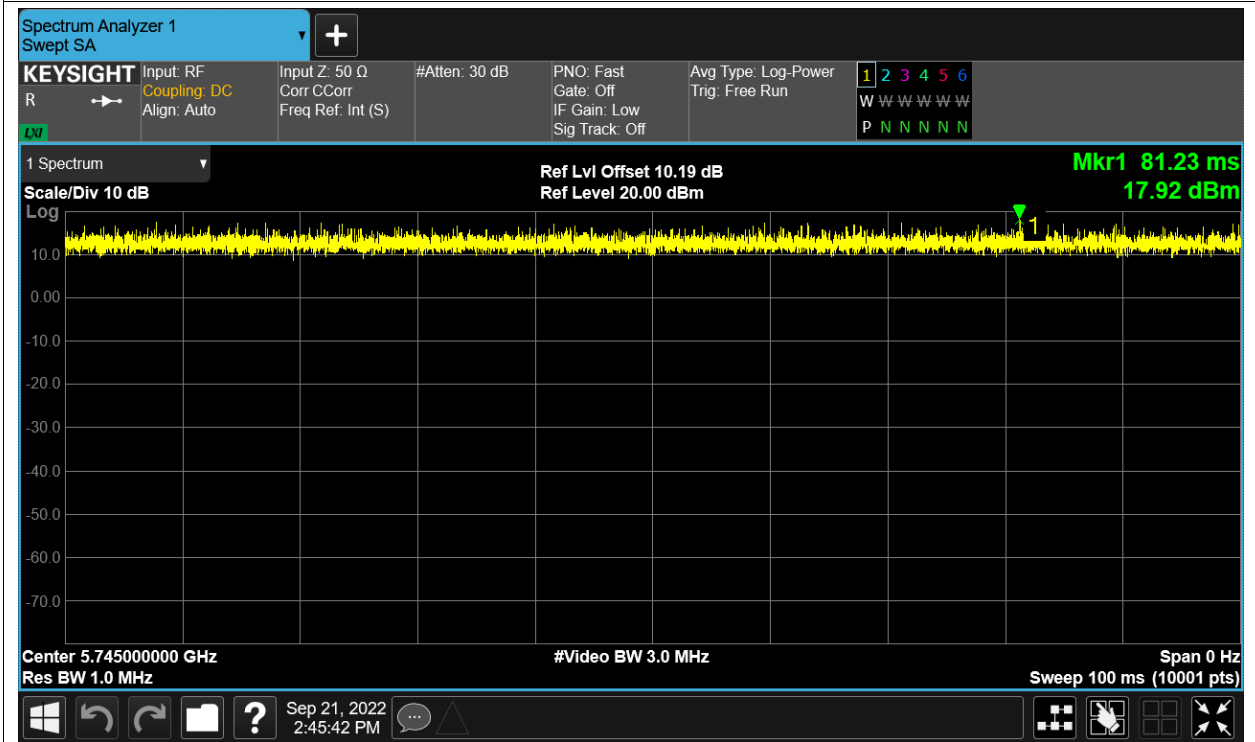
Duty Cycle NVNT a 5785MHz Ant1



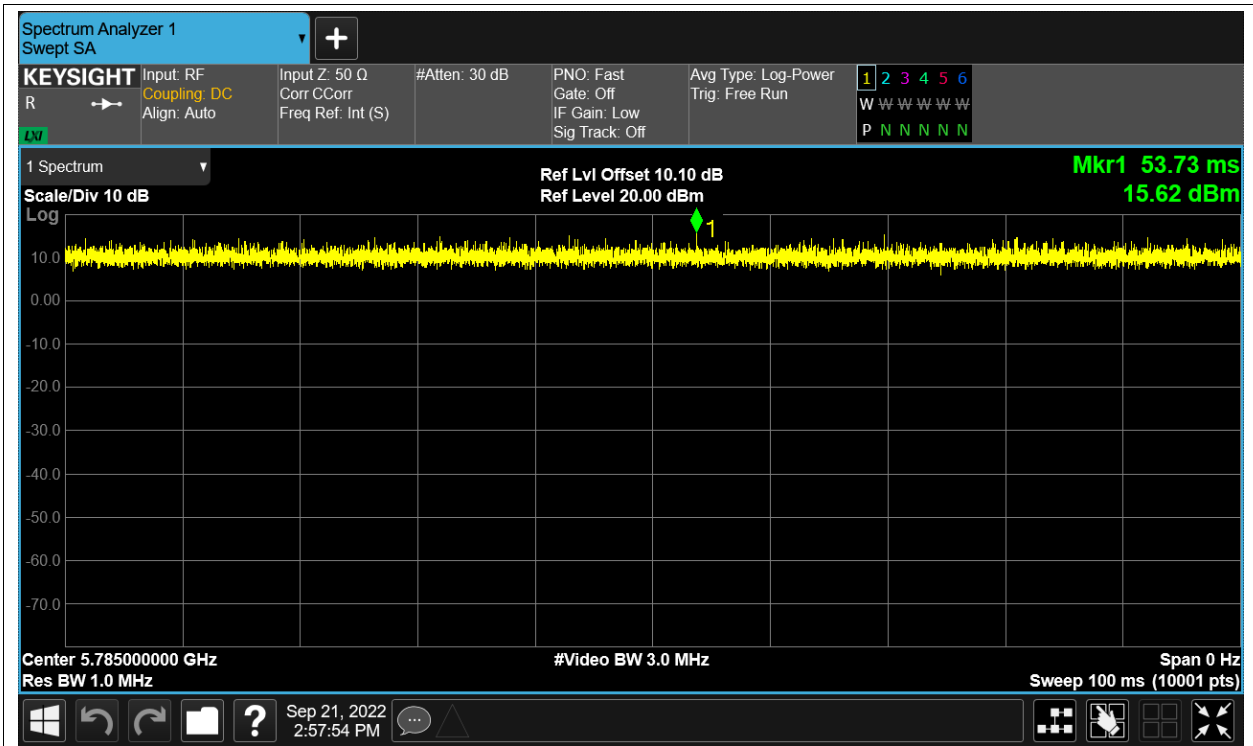
Duty Cycle NVNT a 5825MHz Ant1



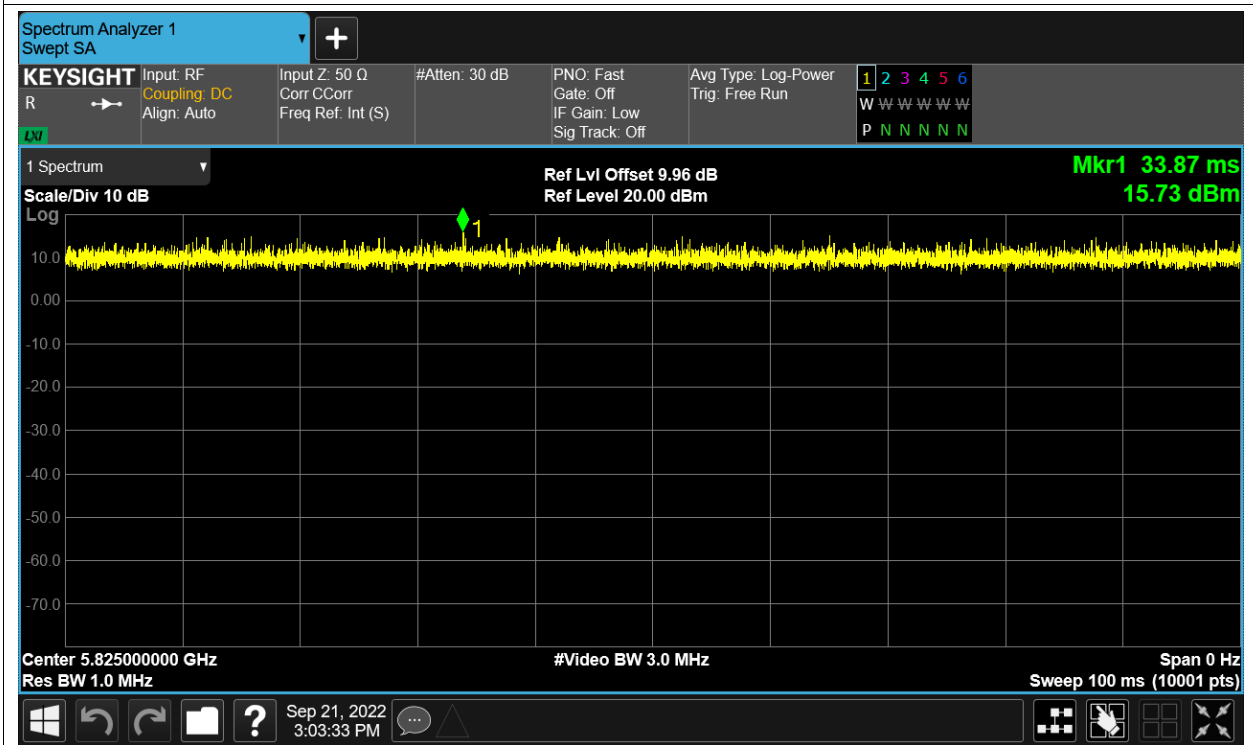
Duty Cycle NVNT a 5745MHz Ant2



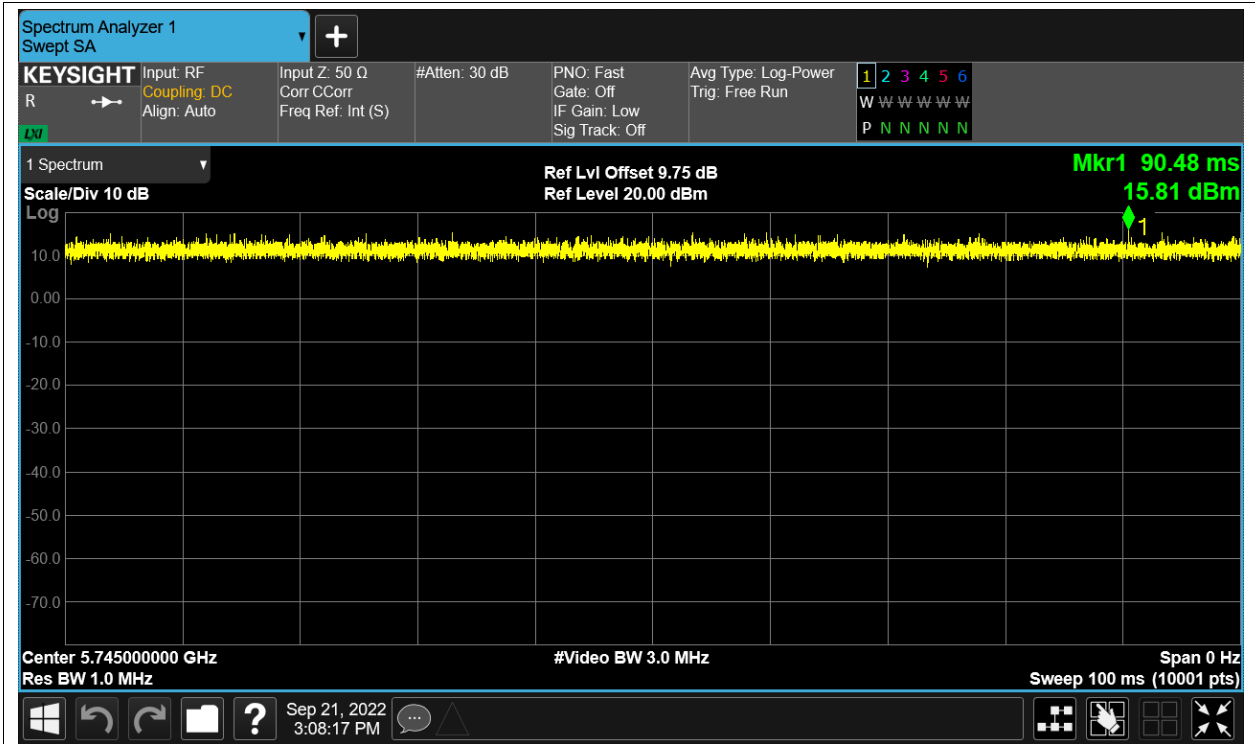
Duty Cycle NVNT a 5785MHz Ant2



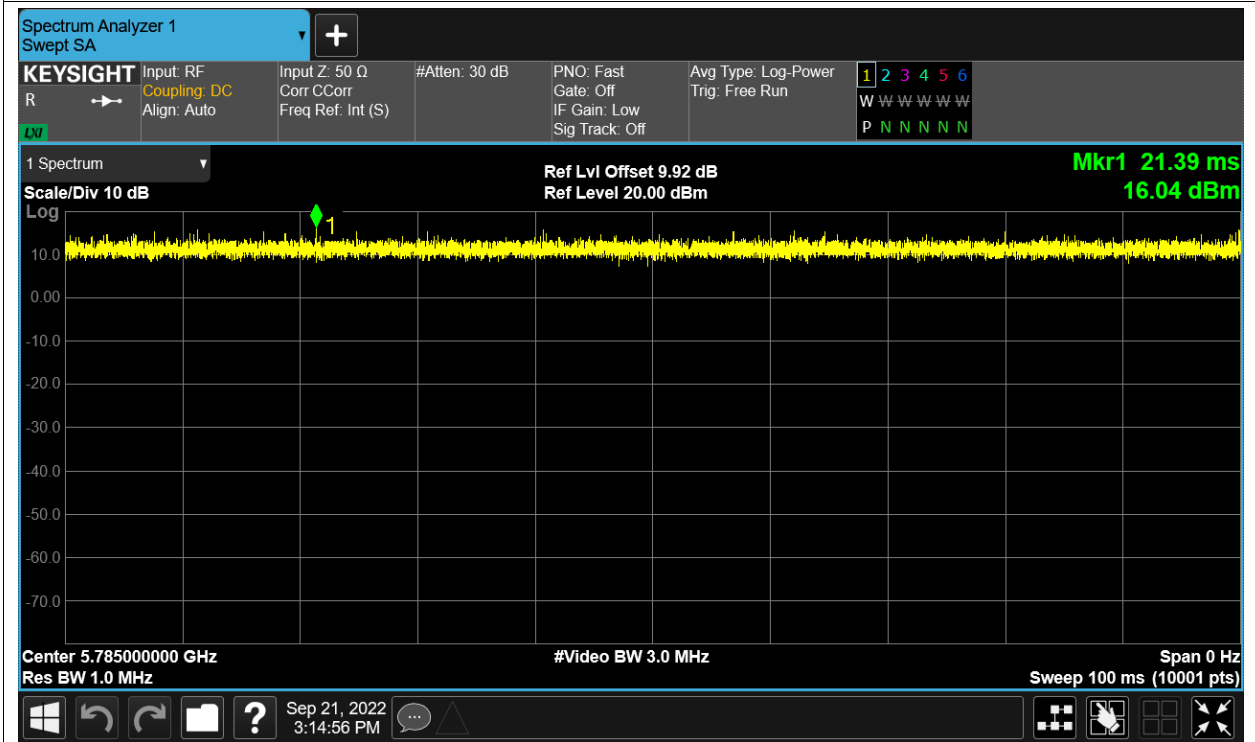
Duty Cycle NVNT a 5825MHz Ant2



Duty Cycle NVNT n20 5745MHz Sum

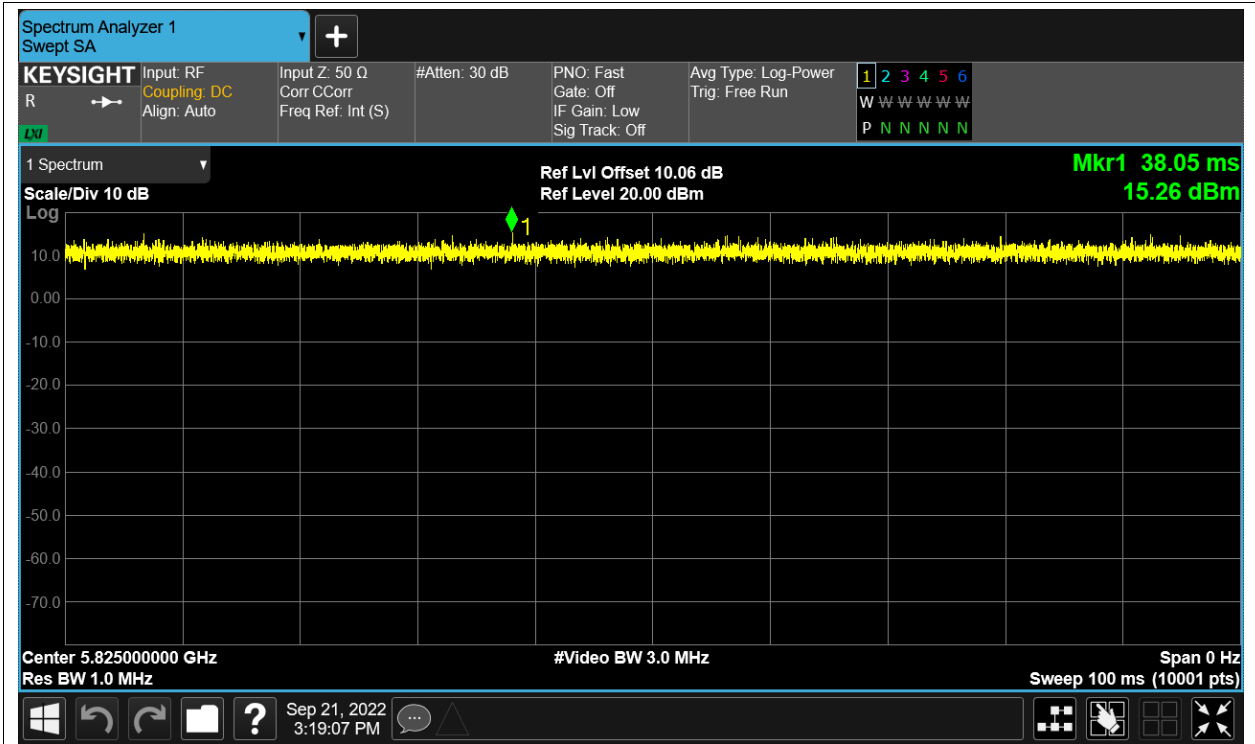


Duty Cycle NVNT n20 5785MHz Sum

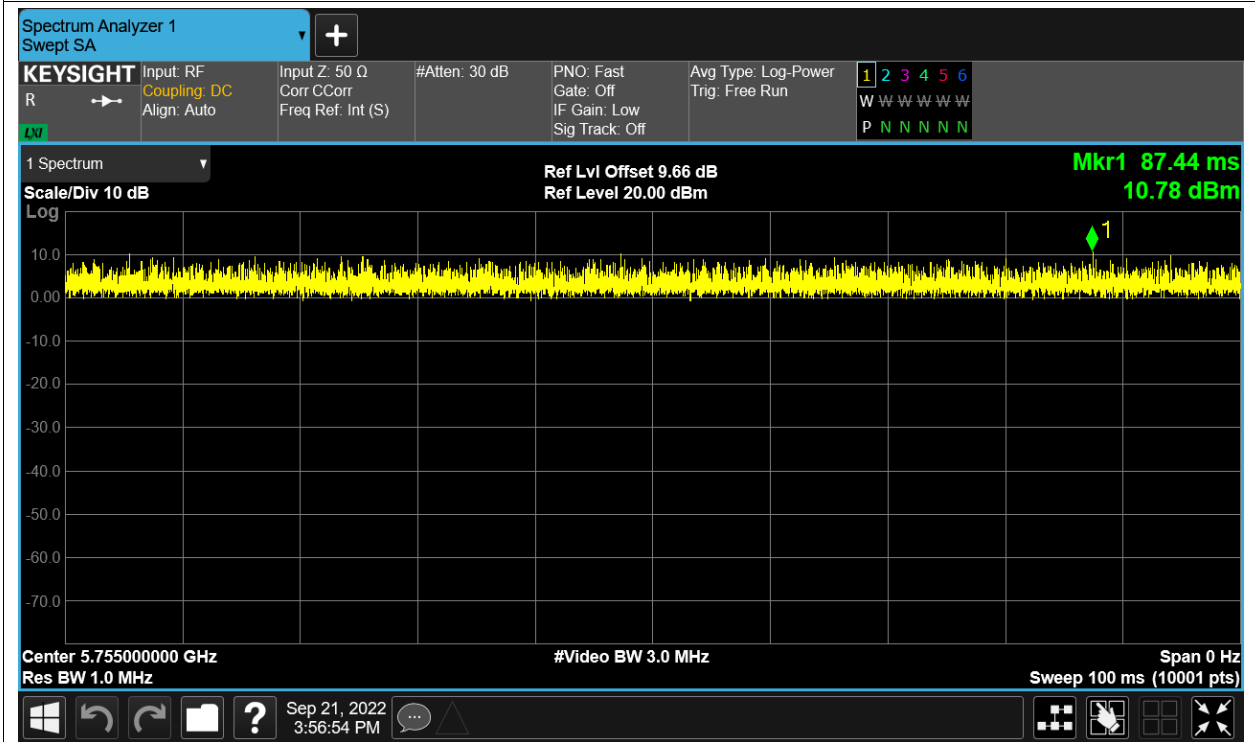


Duty Cycle NVNT n20 5825MHz Sum

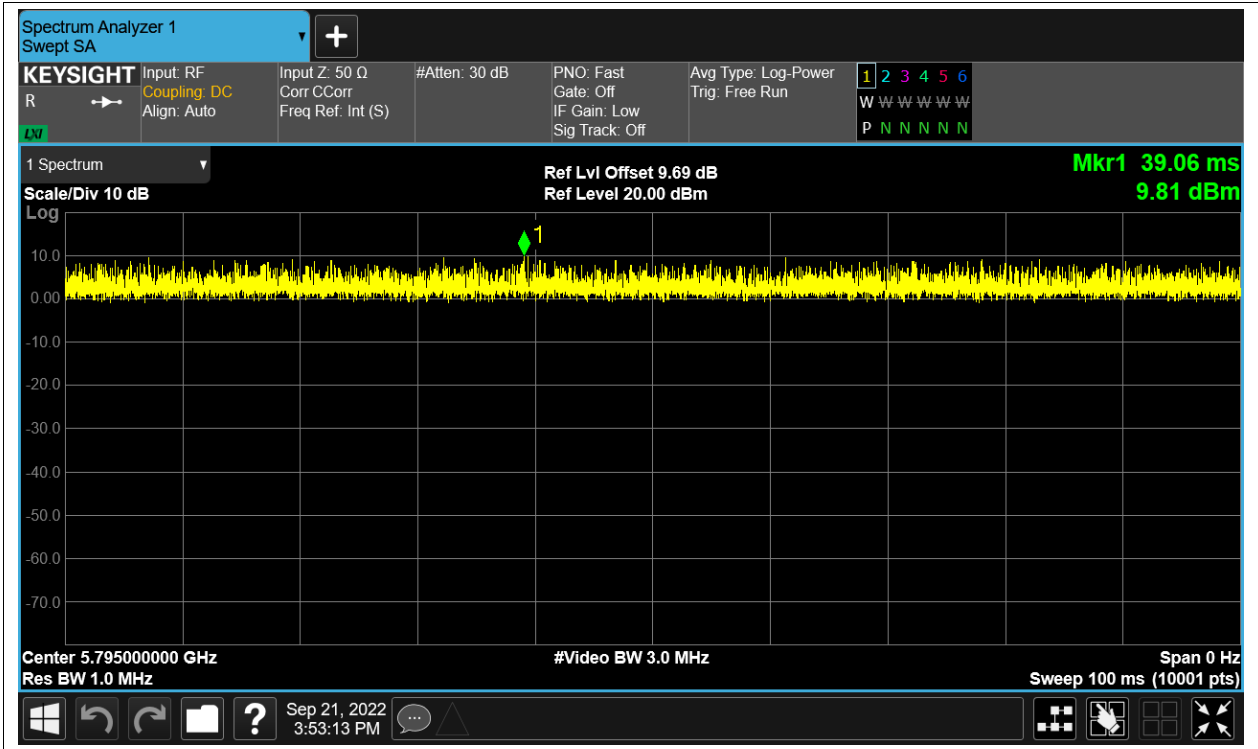




Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum

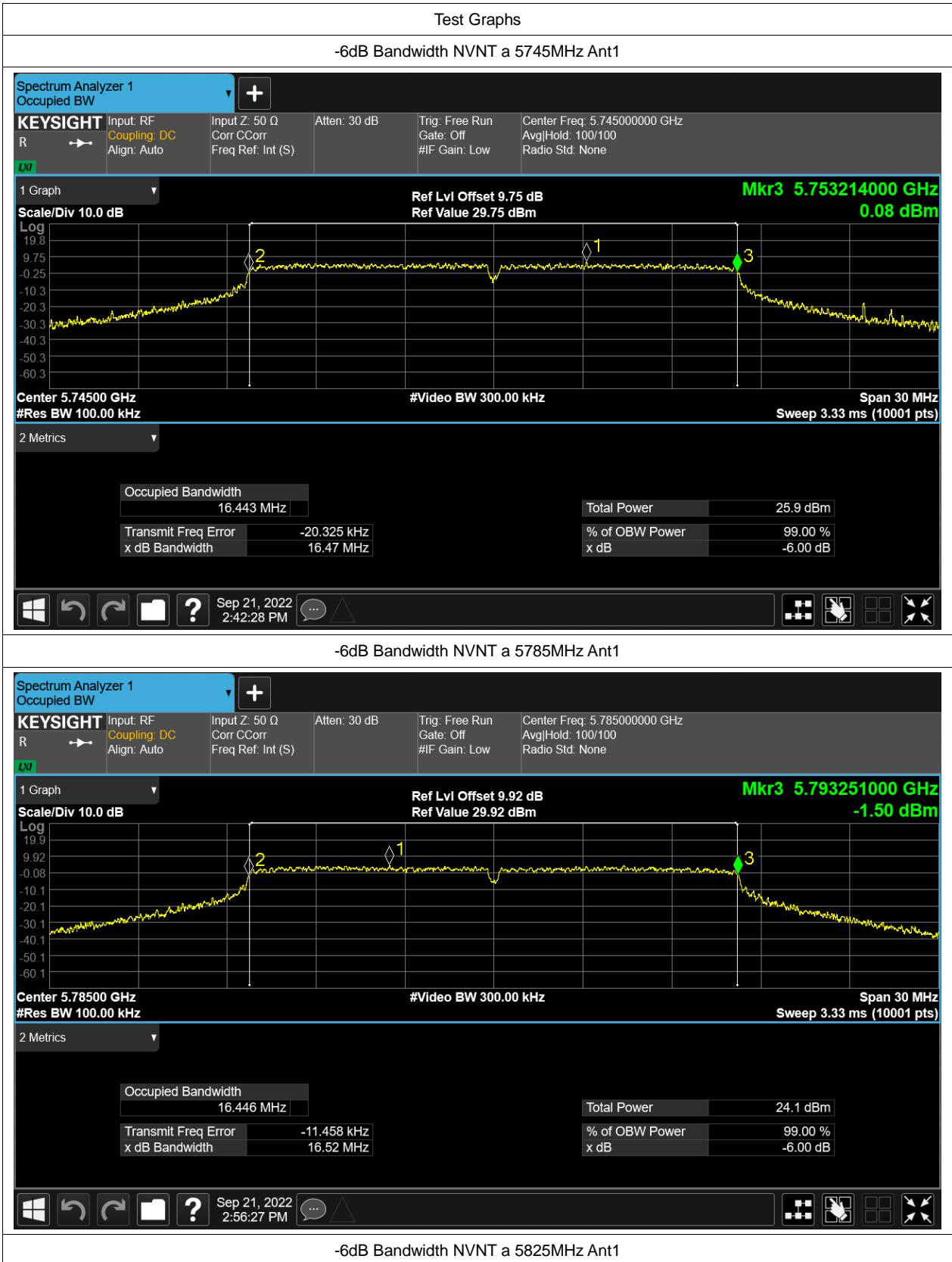


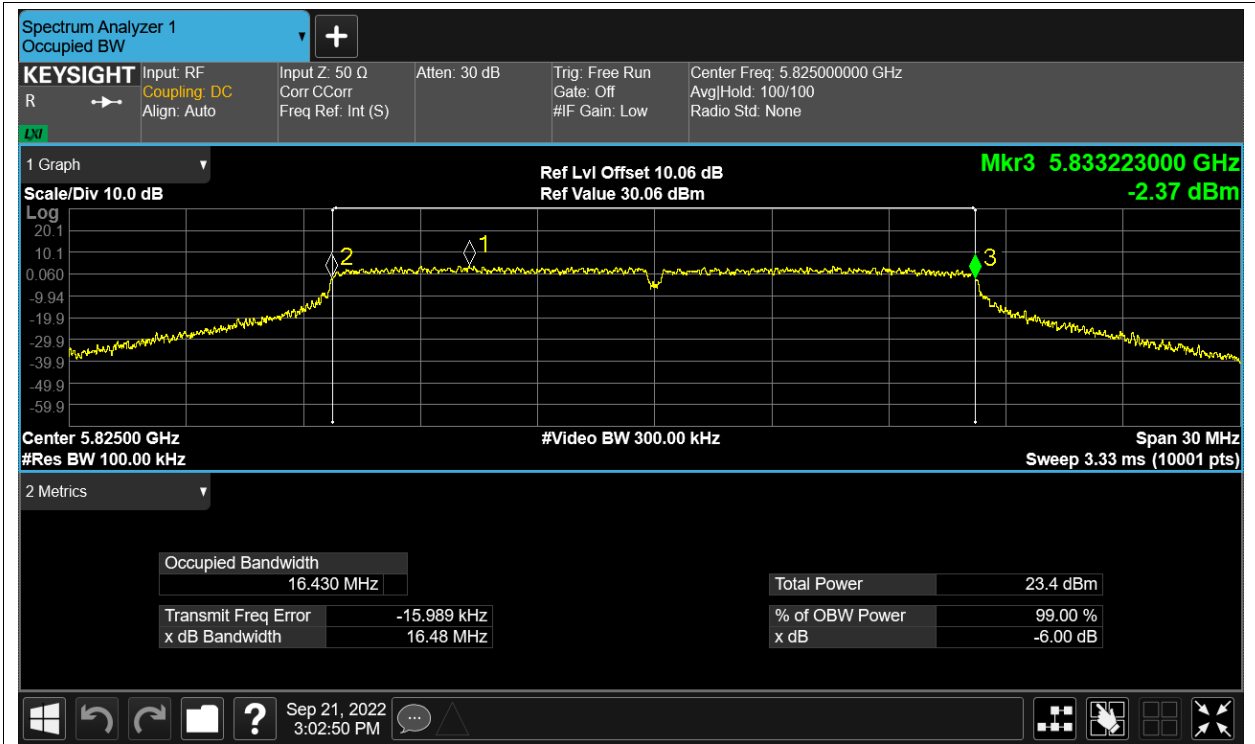
## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	20.42	0	20.42	25.79	Pass
NVNT	a	5785	Ant1	18.9	0	18.9	25.79	Pass
NVNT	a	5825	Ant1	18.81	0	18.81	25.79	Pass
NVNT	a	5745	Ant2	20.16	0	20.16	25.79	Pass
NVNT	a	5785	Ant2	18.01	0	18.01	25.79	Pass
NVNT	a	5825	Ant2	18.06	0	18.06	25.79	Pass
NVNT	n20	5745	Ant1	19.37	0	19.37	25.79	Pass
NVNT	n20	5745	Ant2	18.8	0	18.8	25.79	Pass
NVNT	n20	5745	Sum	22.105	0	22.105	25.79	Pass
NVNT	n20	5785	Ant1	19.37	0	19.37	25.79	Pass
NVNT	n20	5785	Ant2	18.64	0	18.64	25.79	Pass
NVNT	n20	5785	Sum	22.031	0	22.031	25.79	Pass
NVNT	n20	5825	Ant1	18.86	0	18.86	25.79	Pass
NVNT	n20	5825	Ant2	18.64	0	18.64	25.79	Pass
NVNT	n20	5825	Sum	21.762	0	21.762	25.79	Pass
NVNT	n40	5755	Ant1	18.33	0	18.33	25.79	Pass
NVNT	n40	5755	Ant2	17.84	0	17.84	25.79	Pass
NVNT	n40	5755	Sum	21.102	0	21.102	25.79	Pass
NVNT	n40	5795	Ant1	18.29	0	18.29	25.79	Pass
NVNT	n40	5795	Ant2	17.61	0	17.61	25.79	Pass
NVNT	n40	5795	Sum	20.974	0	20.974	25.79	Pass

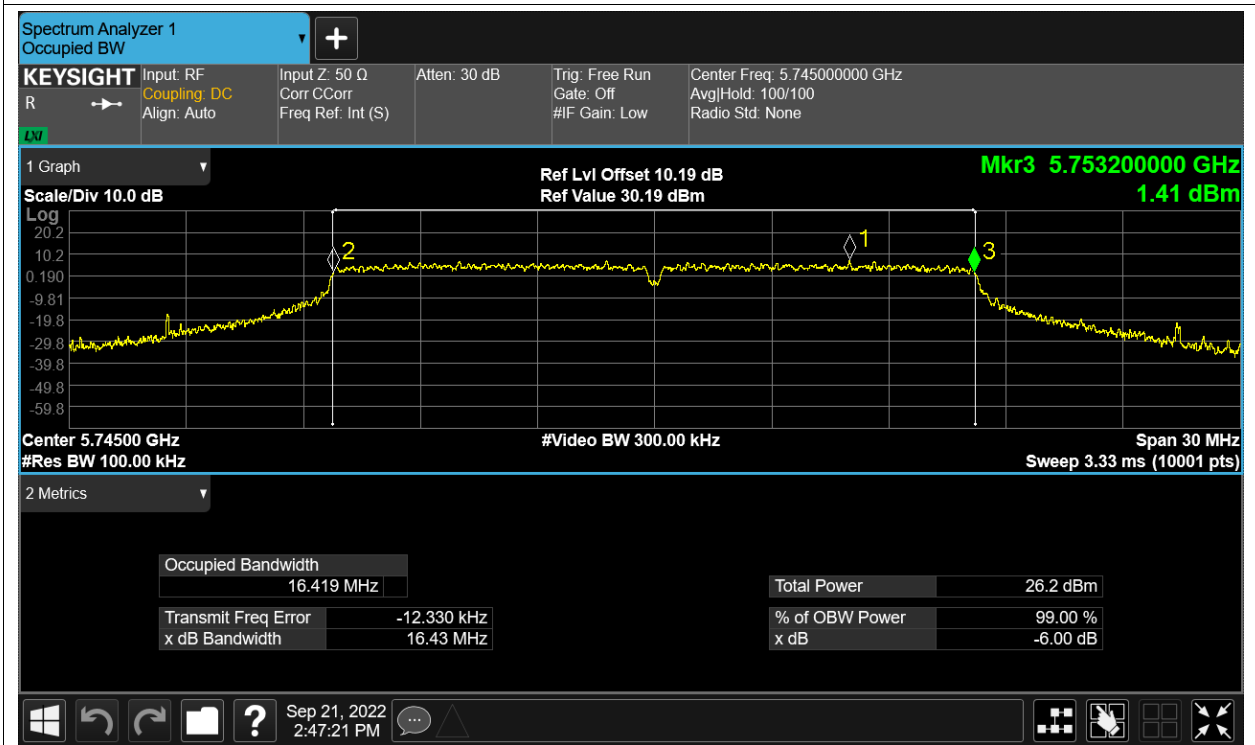
### -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.468	0.5	Pass
NVNT	a	5785	Ant1	16.524	0.5	Pass
NVNT	a	5825	Ant1	16.478	0.5	Pass
NVNT	a	5745	Ant2	16.425	0.5	Pass
NVNT	a	5785	Ant2	16.425	0.5	Pass
NVNT	a	5825	Ant2	16.505	0.5	Pass
NVNT	n20	5745	Ant1	17.681	0.5	Pass
NVNT	n20	5745	Ant2	17.668	0.5	Pass
NVNT	n20	5785	Ant1	17.662	0.5	Pass
NVNT	n20	5785	Ant2	17.691	0.5	Pass
NVNT	n20	5825	Ant1	17.73	0.5	Pass
NVNT	n20	5825	Ant2	17.627	0.5	Pass
NVNT	n40	5755	Ant1	36.464	0.5	Pass
NVNT	n40	5755	Ant2	36.497	0.5	Pass
NVNT	n40	5795	Ant1	36.48	0.5	Pass
NVNT	n40	5795	Ant2	36.48	0.5	Pass

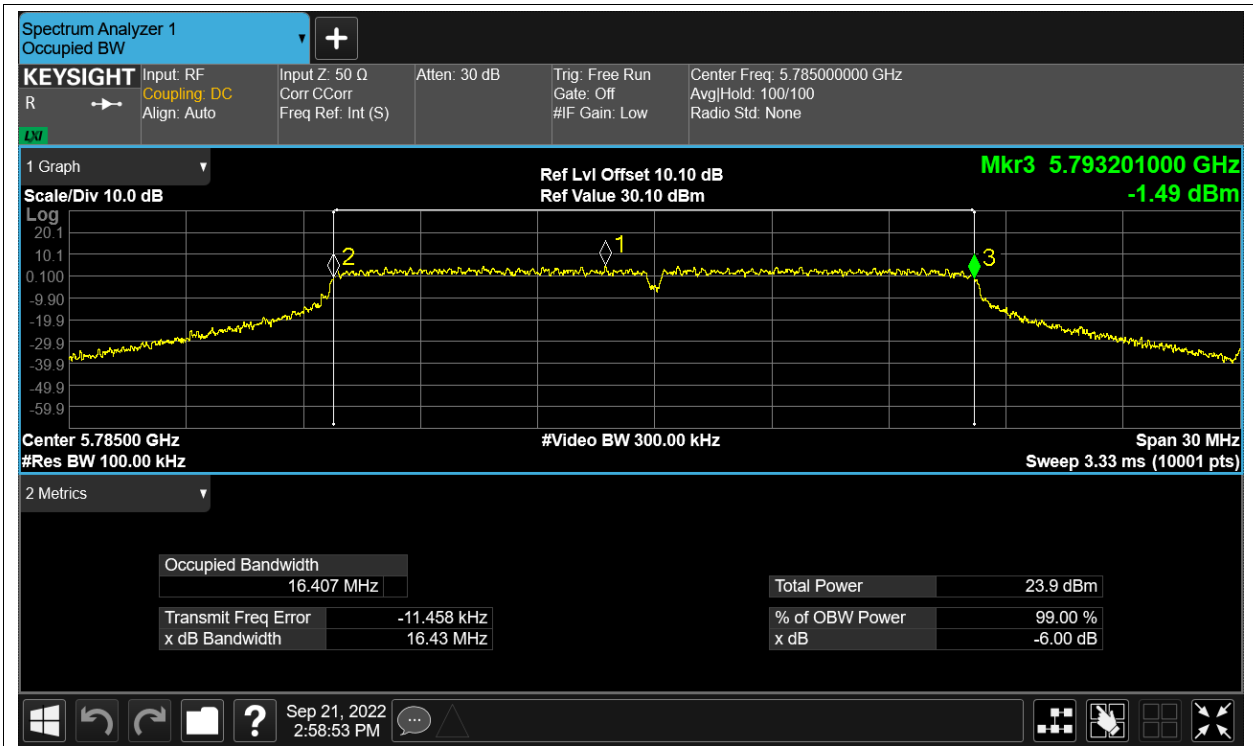




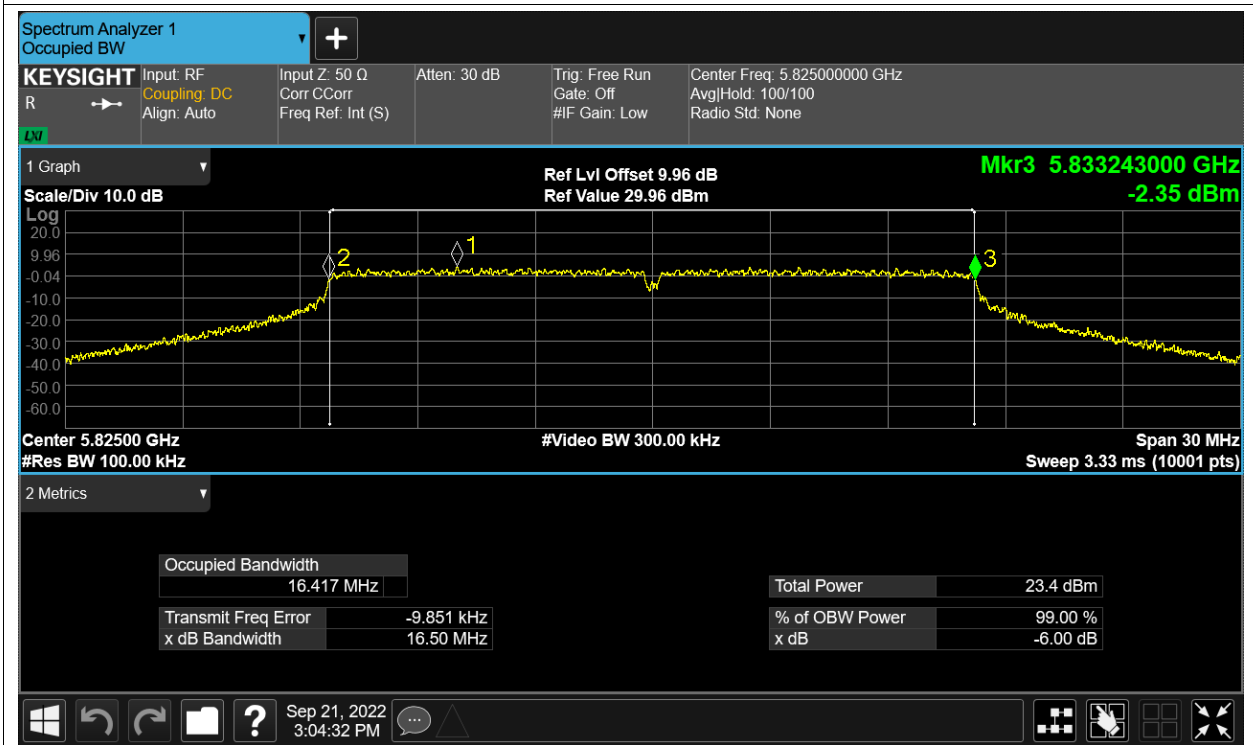
-6dB Bandwidth NVNT a 5745MHz Ant2



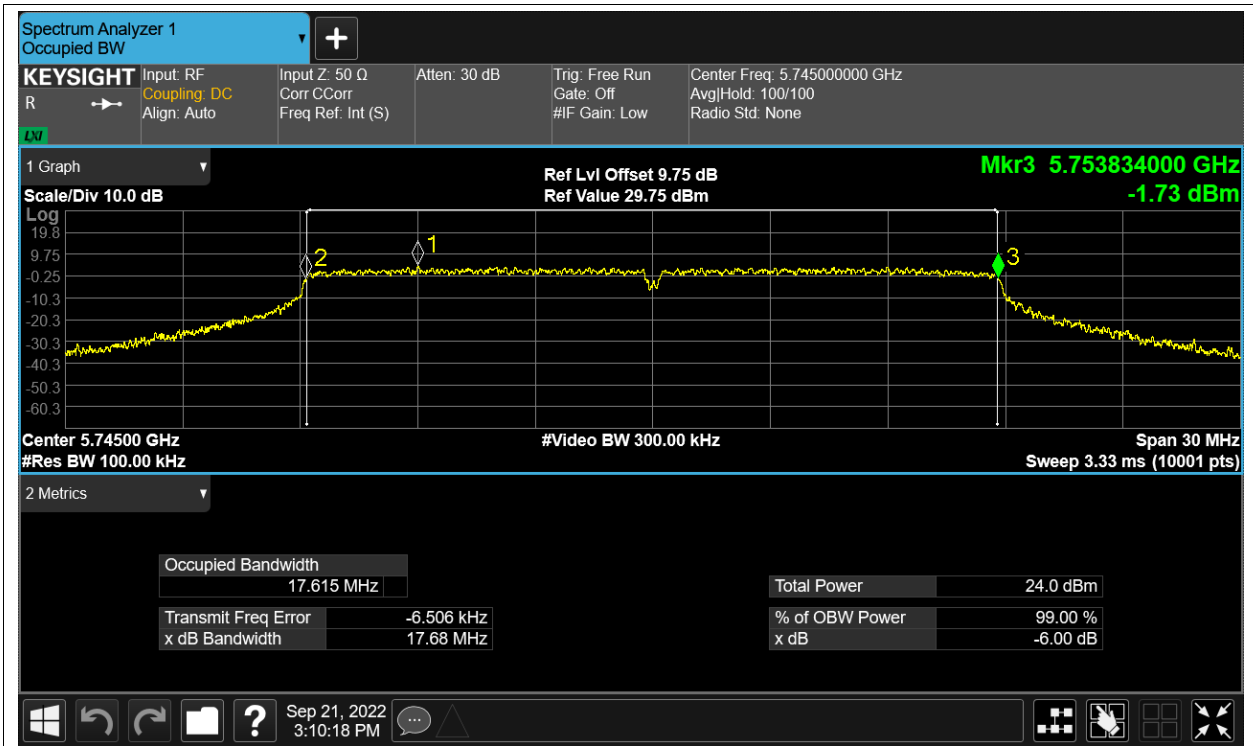
-6dB Bandwidth NVNT a 5785MHz Ant2



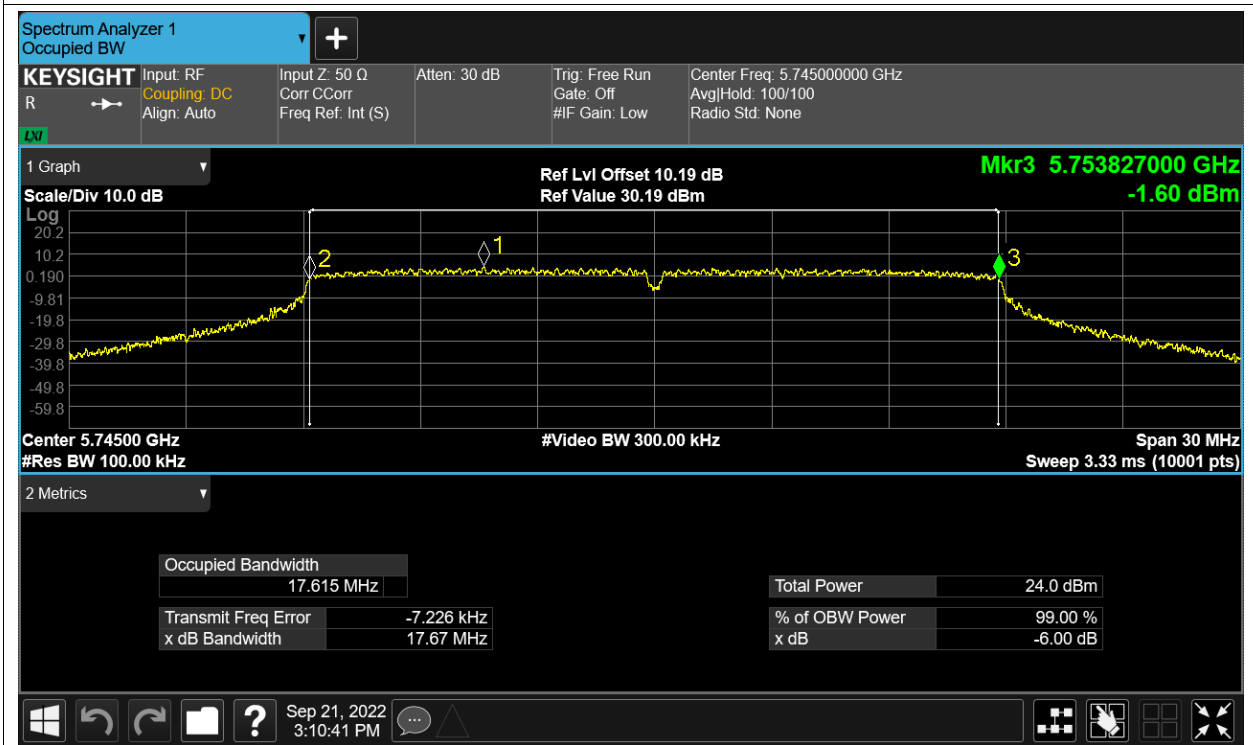
-6dB Bandwidth NVNT a 5825MHz Ant2



-6dB Bandwidth NVNT n20 5745MHz Ant1

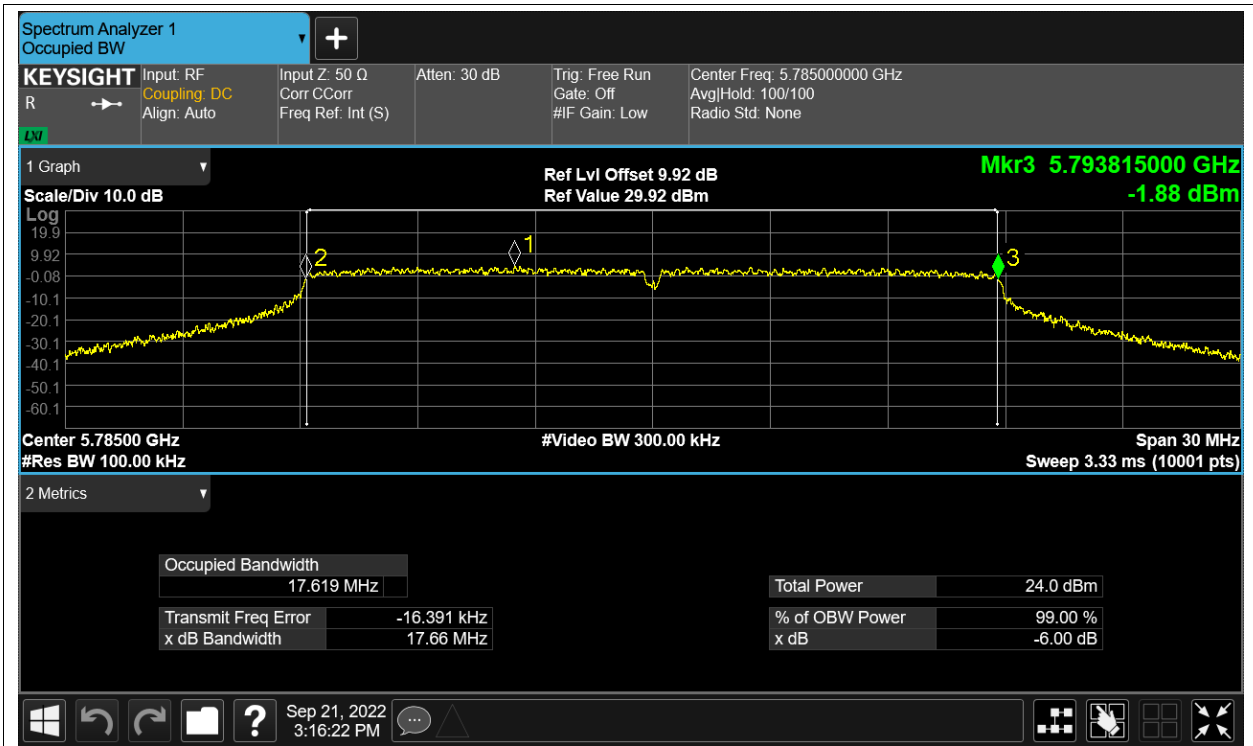


-6dB Bandwidth NVNT n20 5745MHz Ant2

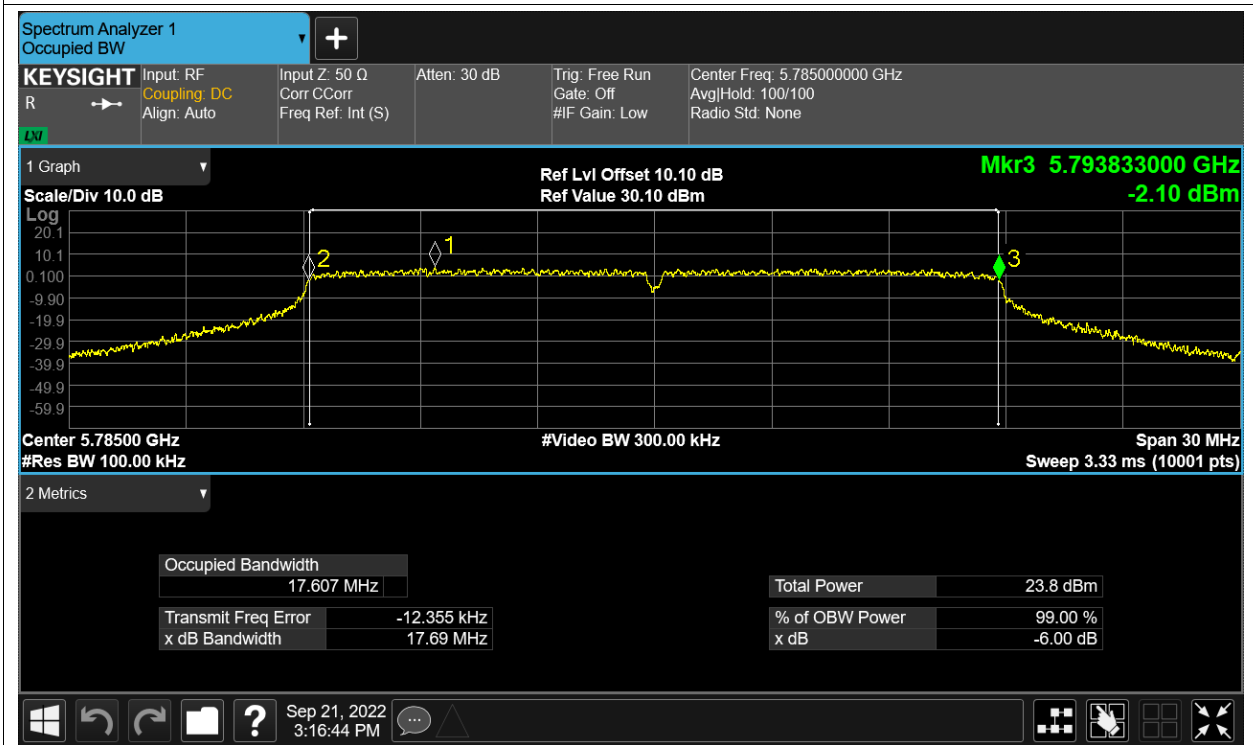


-6dB Bandwidth NVNT n20 5785MHz Ant1

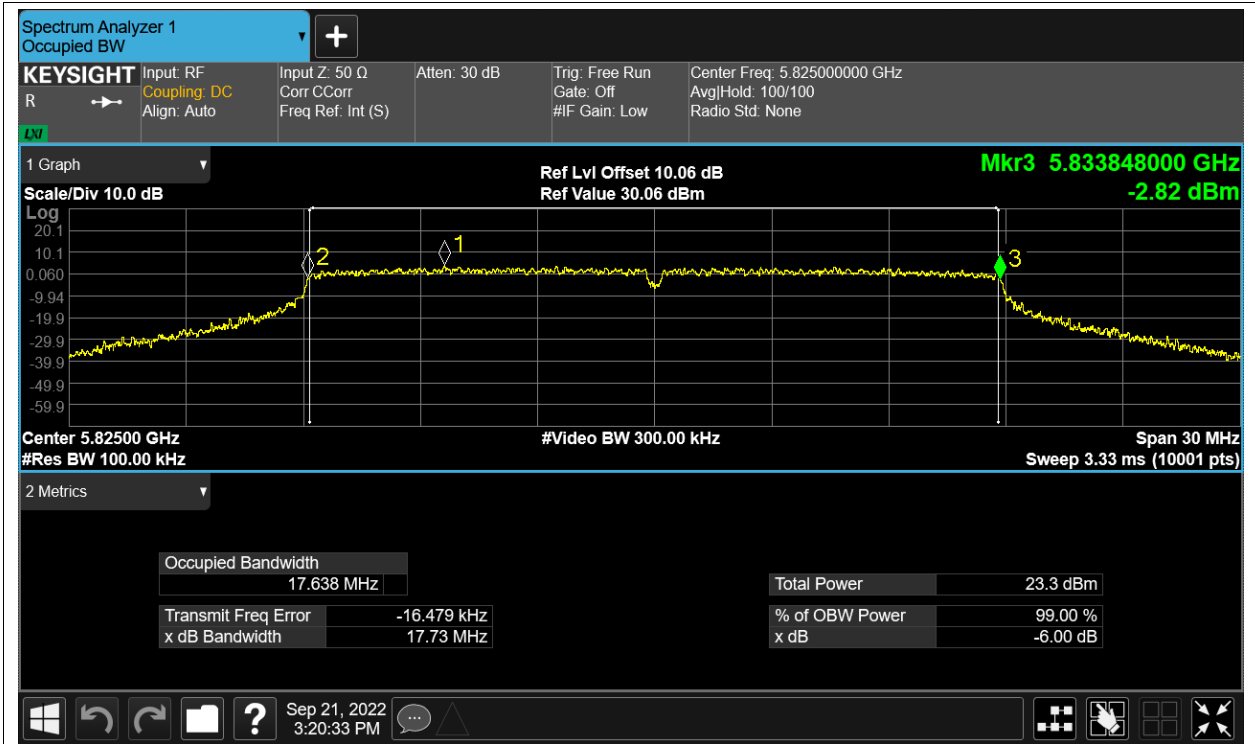




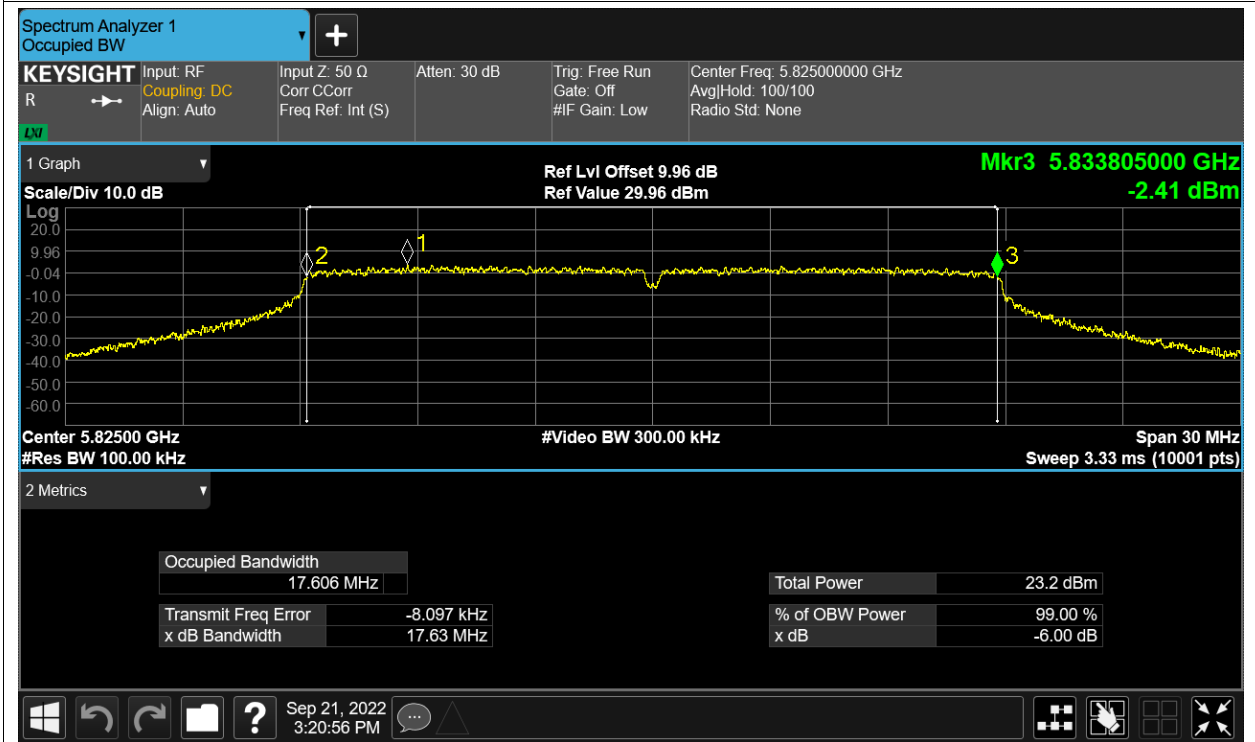
-6dB Bandwidth NVNT n20 5785MHz Ant2



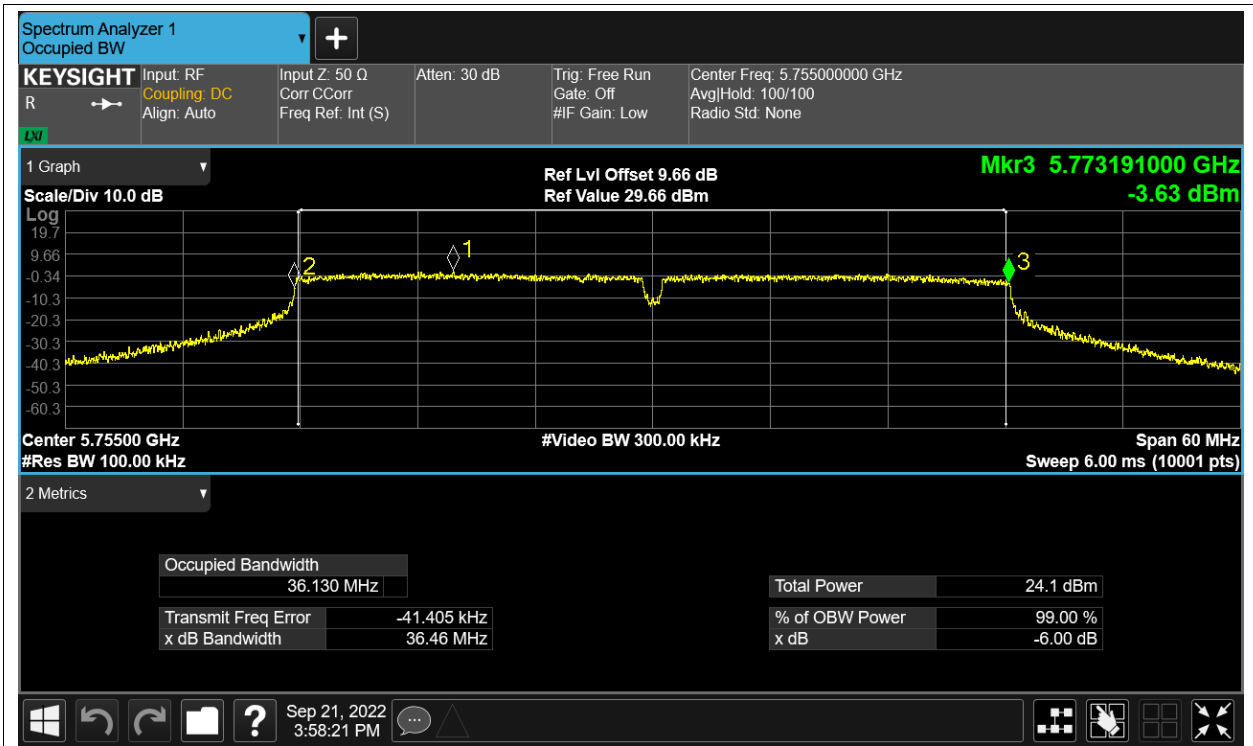
-6dB Bandwidth NVNT n20 5825MHz Ant1



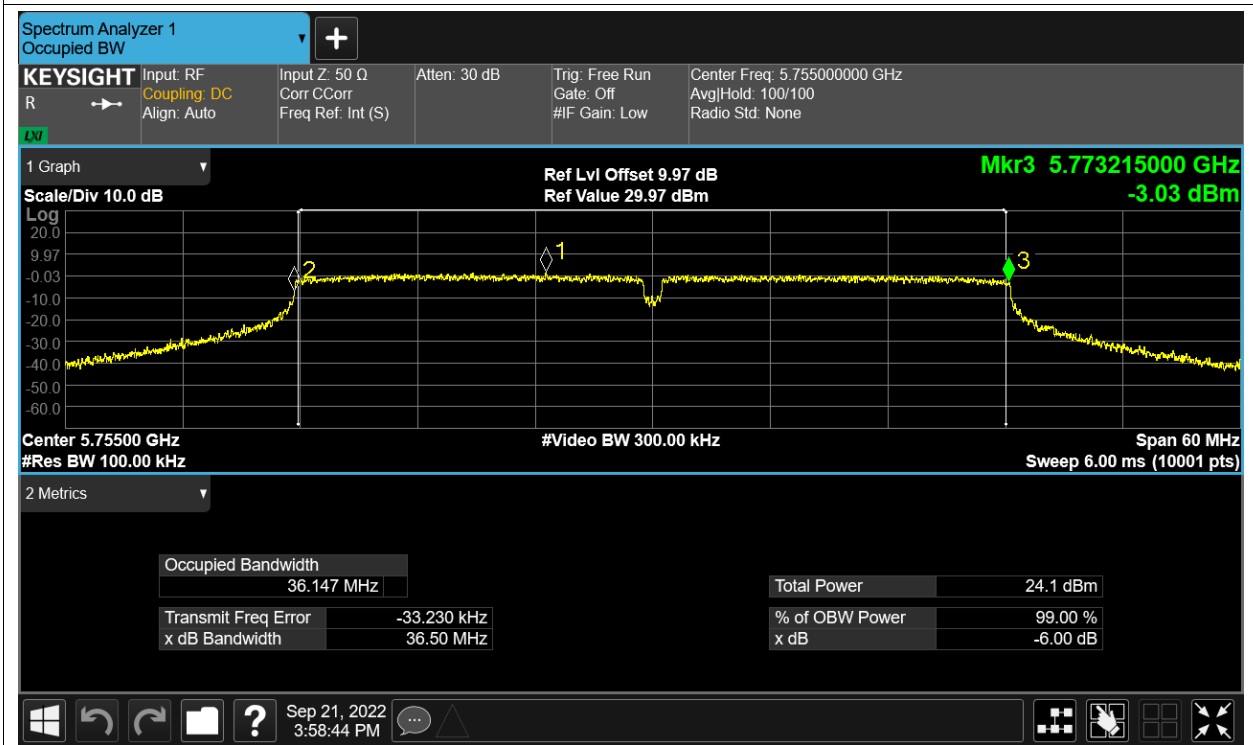
-6dB Bandwidth NVNT n20 5825MHz Ant2



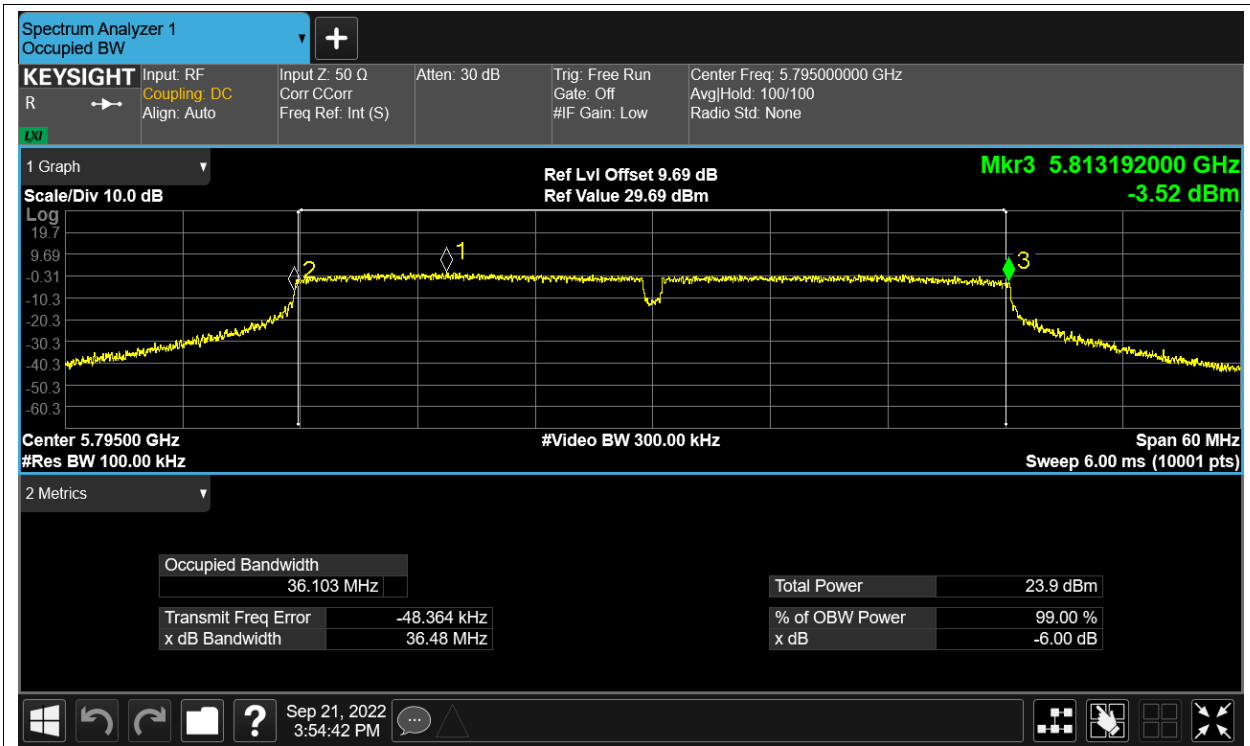
-6dB Bandwidth NVNT n40 5755MHz Ant1



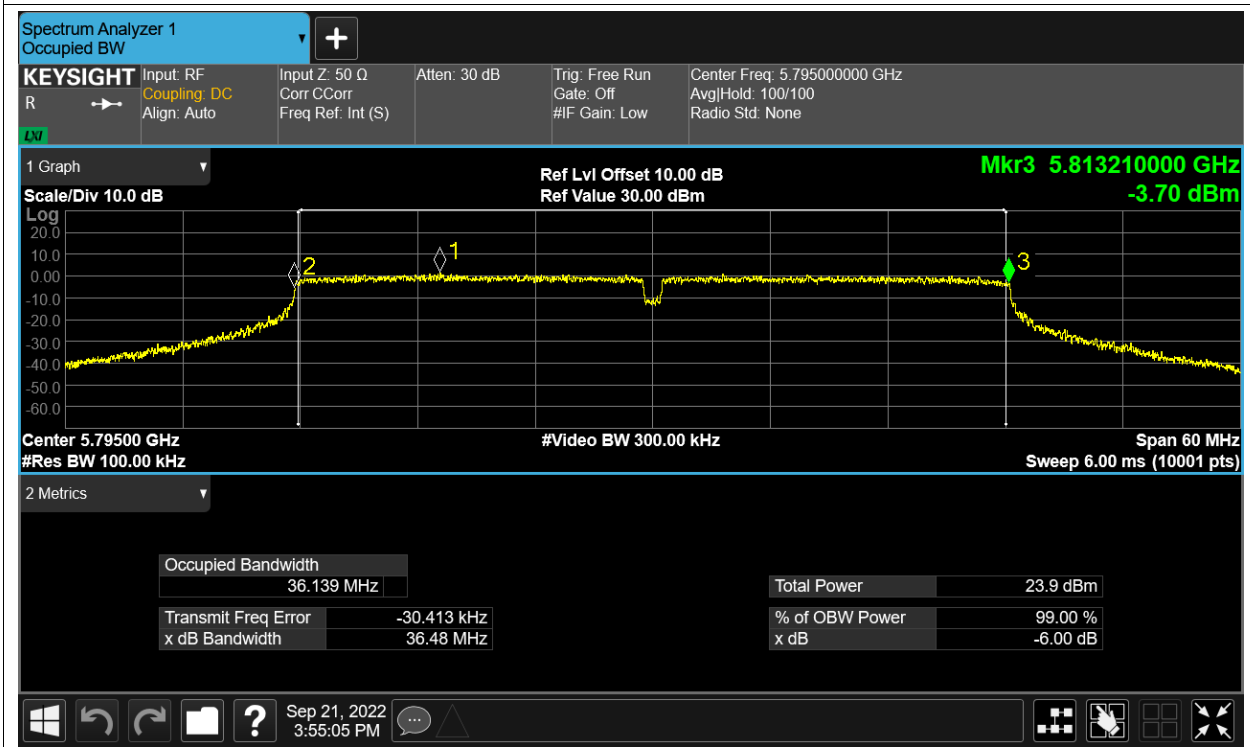
-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2

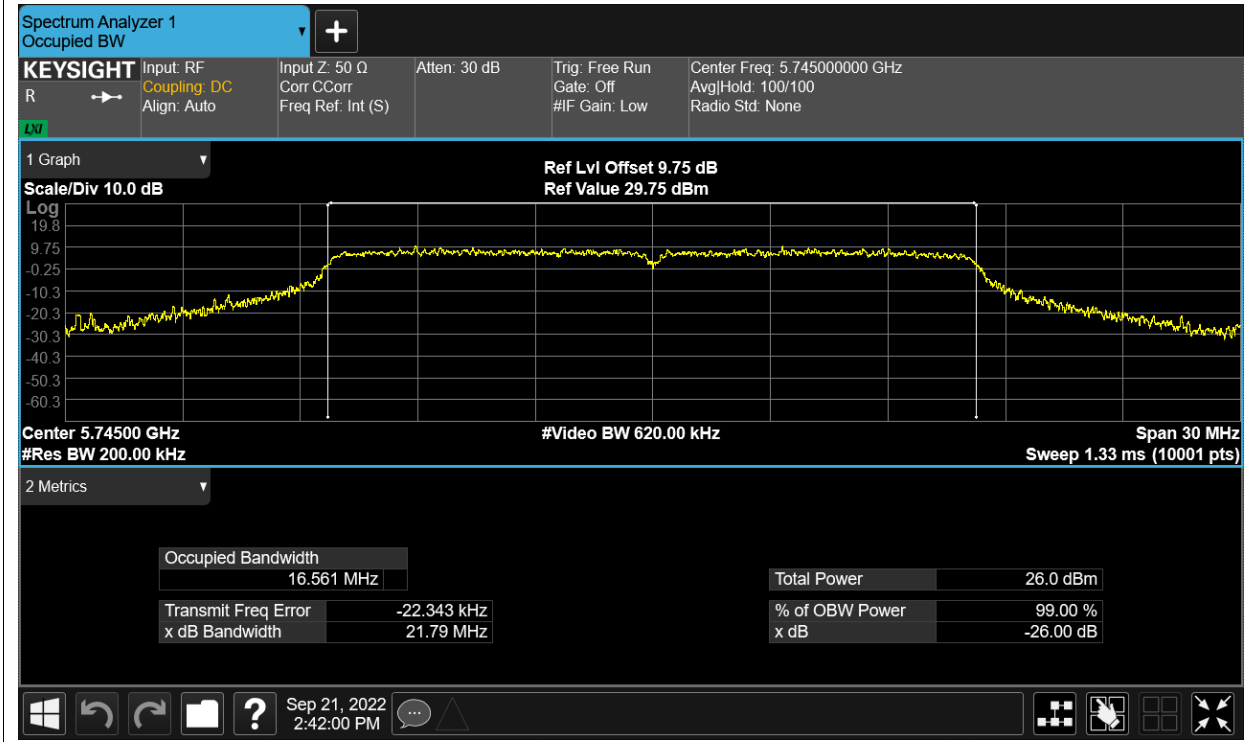


## Occupied Channel Bandwidth

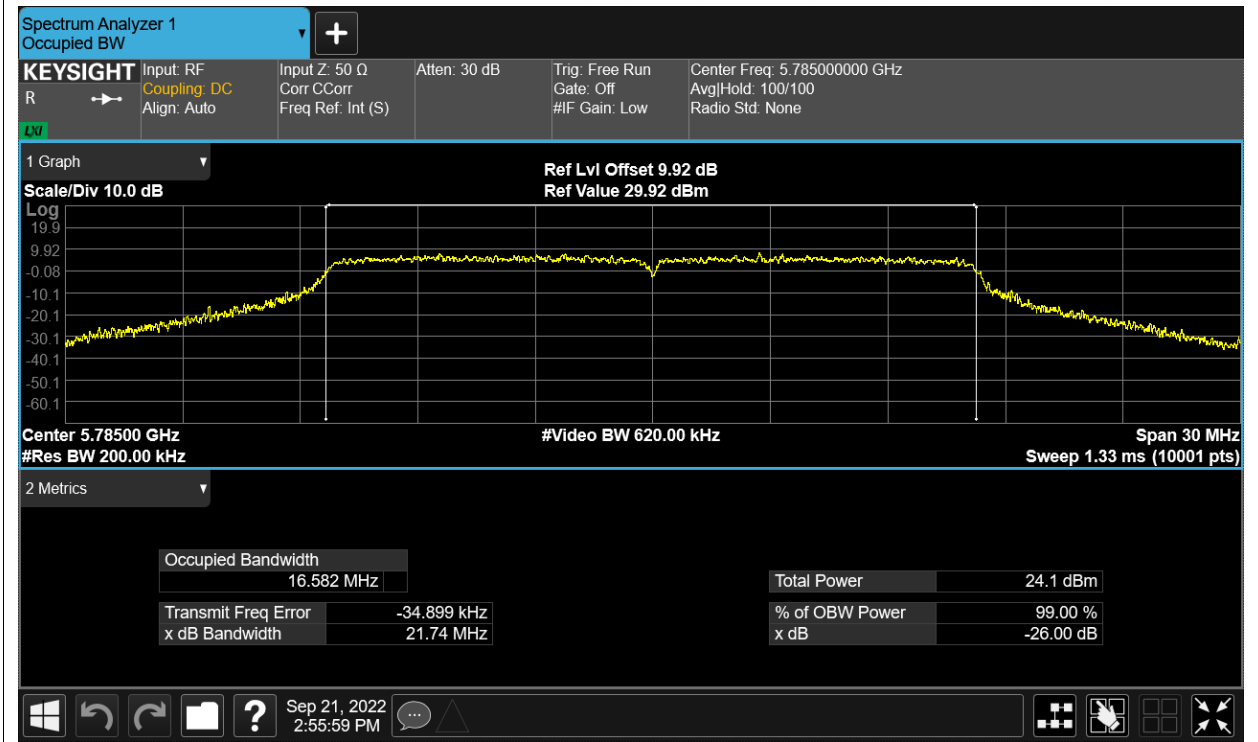
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.56079363
NVNT	a	5785	Ant1	16.58153749
NVNT	a	5825	Ant1	16.52952893
NVNT	a	5745	Ant2	16.52178071
NVNT	a	5785	Ant2	16.50958942
NVNT	a	5825	Ant2	16.47937067
NVNT	n20	5745	Ant1	17.70048724
NVNT	n20	5745	Ant2	17.64977737
NVNT	n20	5785	Ant1	17.6884727
NVNT	n20	5785	Ant2	17.68412342
NVNT	n20	5825	Ant1	17.69669268
NVNT	n20	5825	Ant2	17.66902739
NVNT	n40	5755	Ant1	36.37792918
NVNT	n40	5755	Ant2	36.37722908
NVNT	n40	5795	Ant1	36.34580733
NVNT	n40	5795	Ant2	36.38473144

Test Graphs

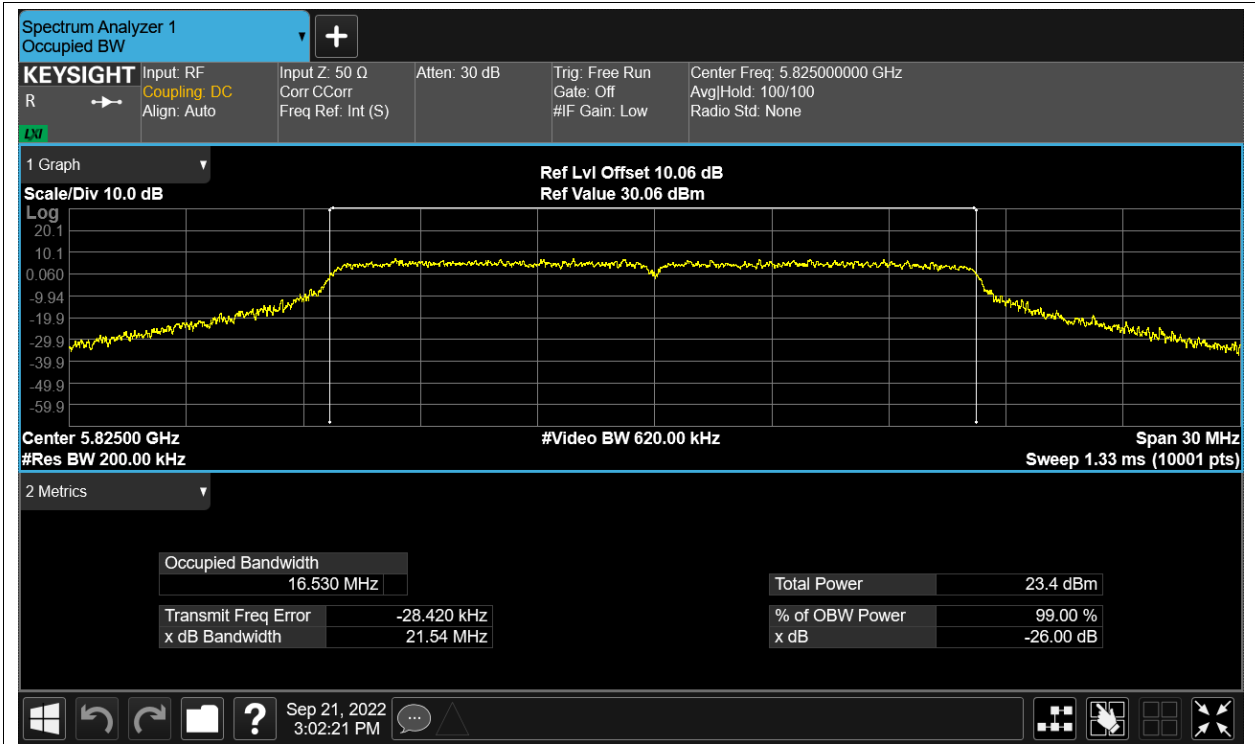
OBW NVNT a 5745MHz Ant1



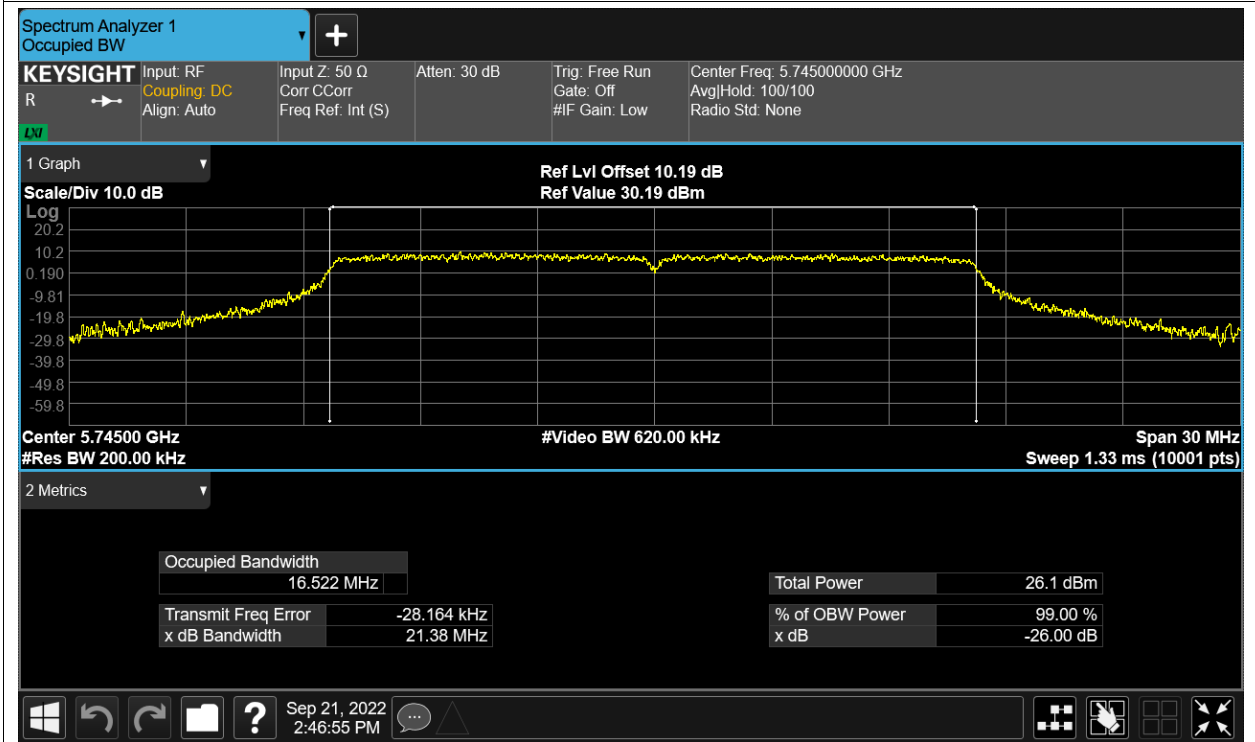
OBW NVNT a 5785MHz Ant1



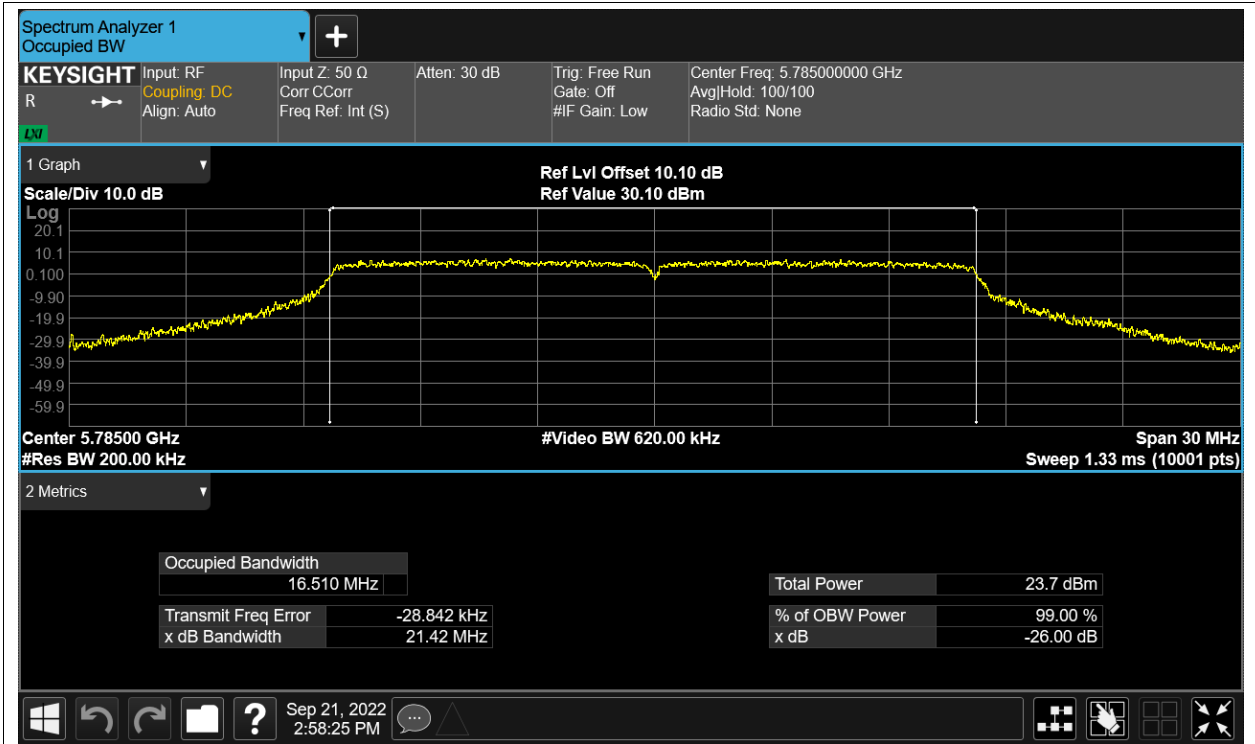
OBW NVNT a 5825MHz Ant1



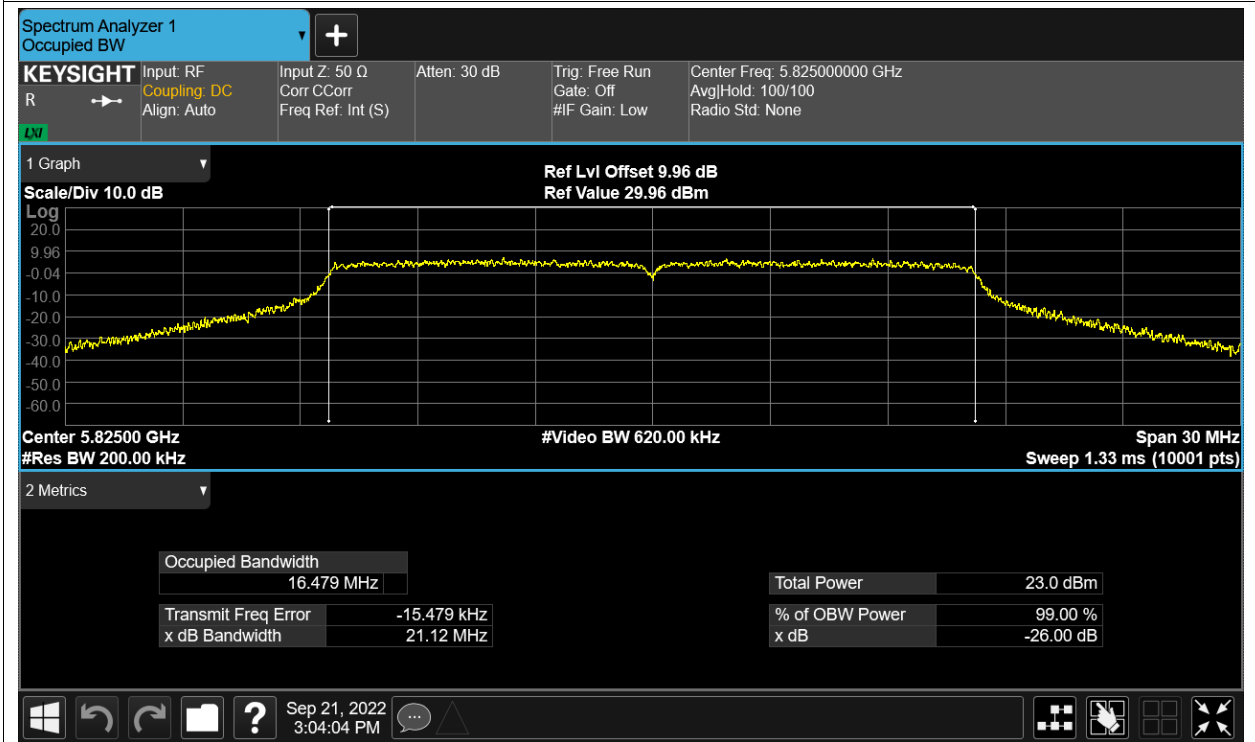
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2

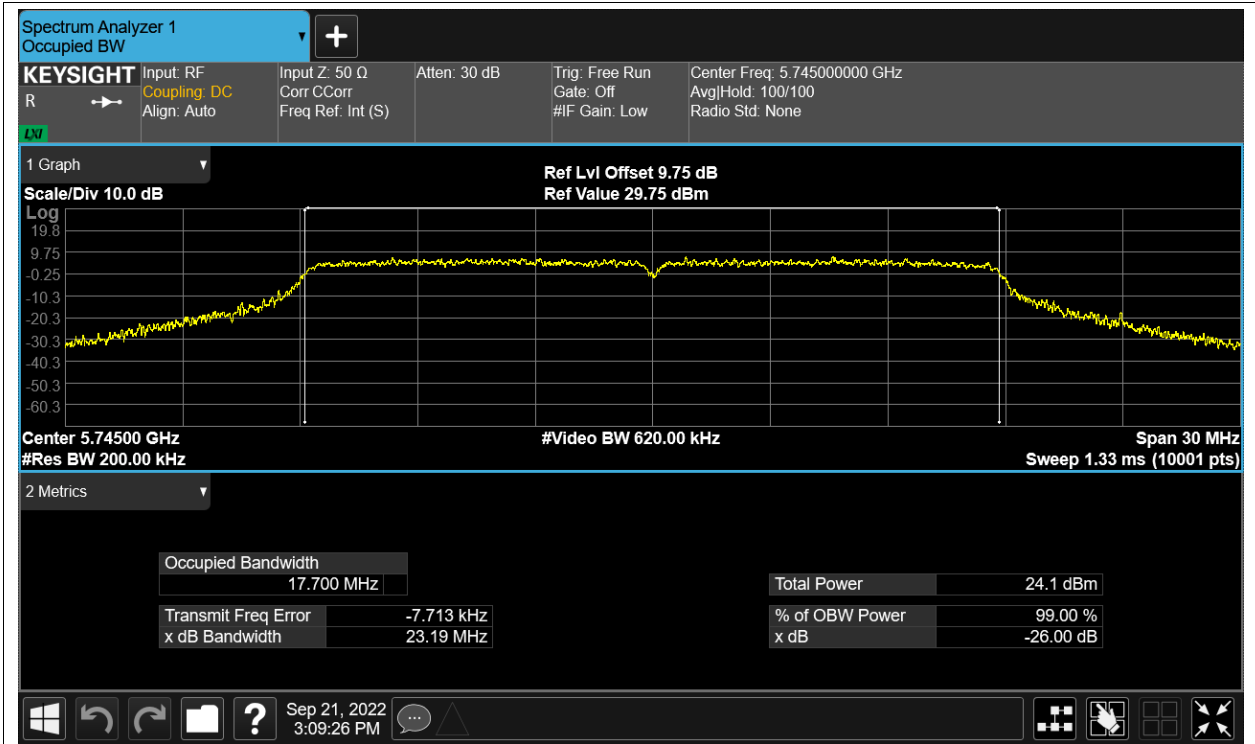


OBW NVNT a 5825MHz Ant2

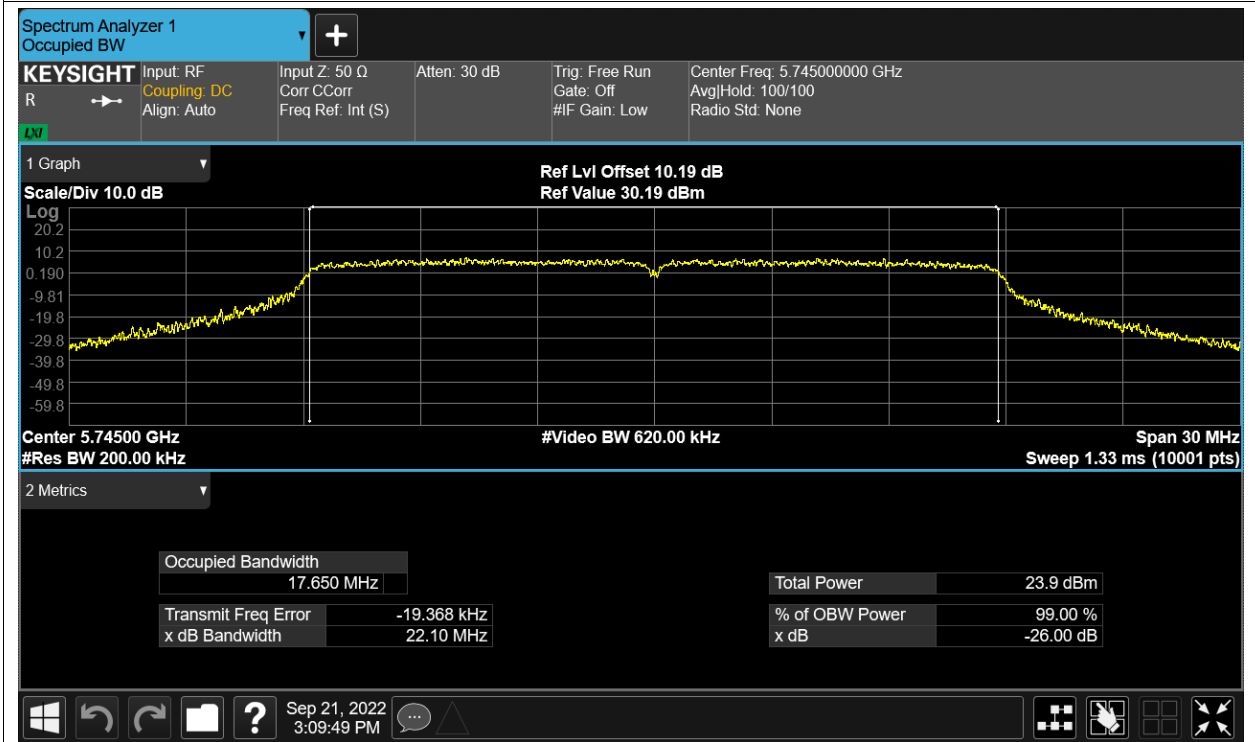


OBW NVNT n20 5745MHz Ant1

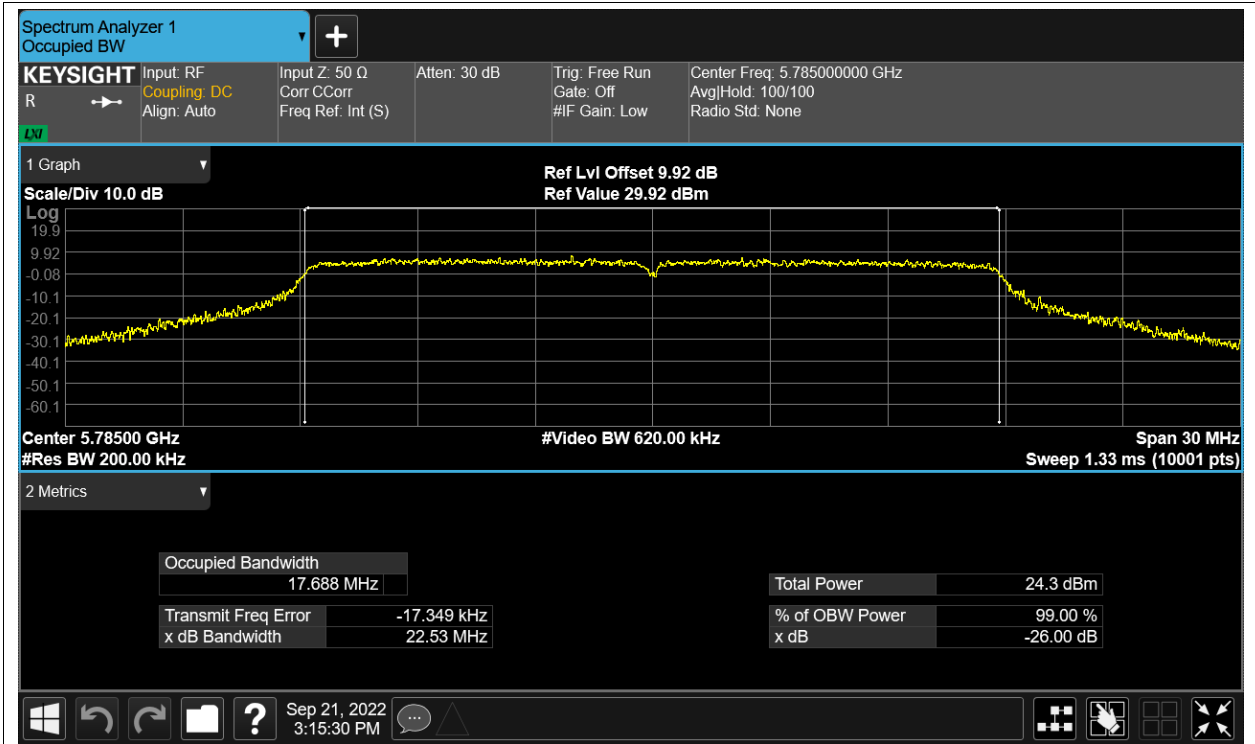




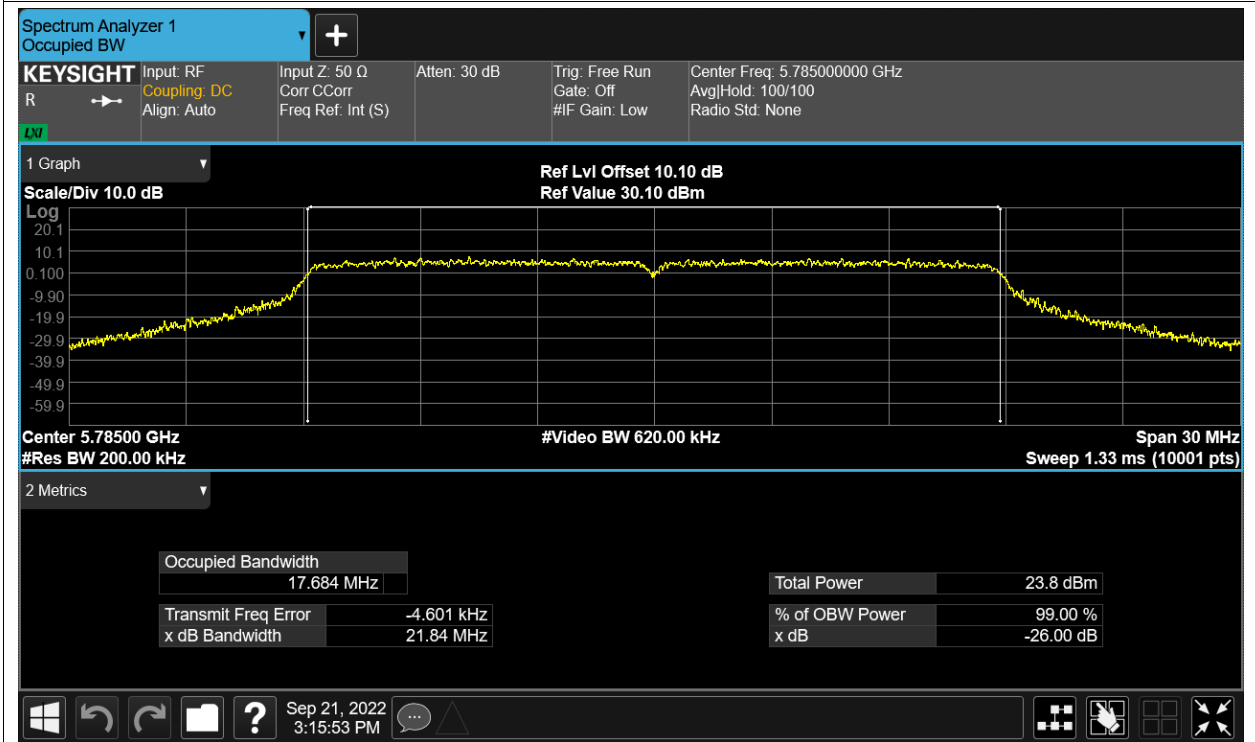
OBW NVNT n20 5745MHz Ant2



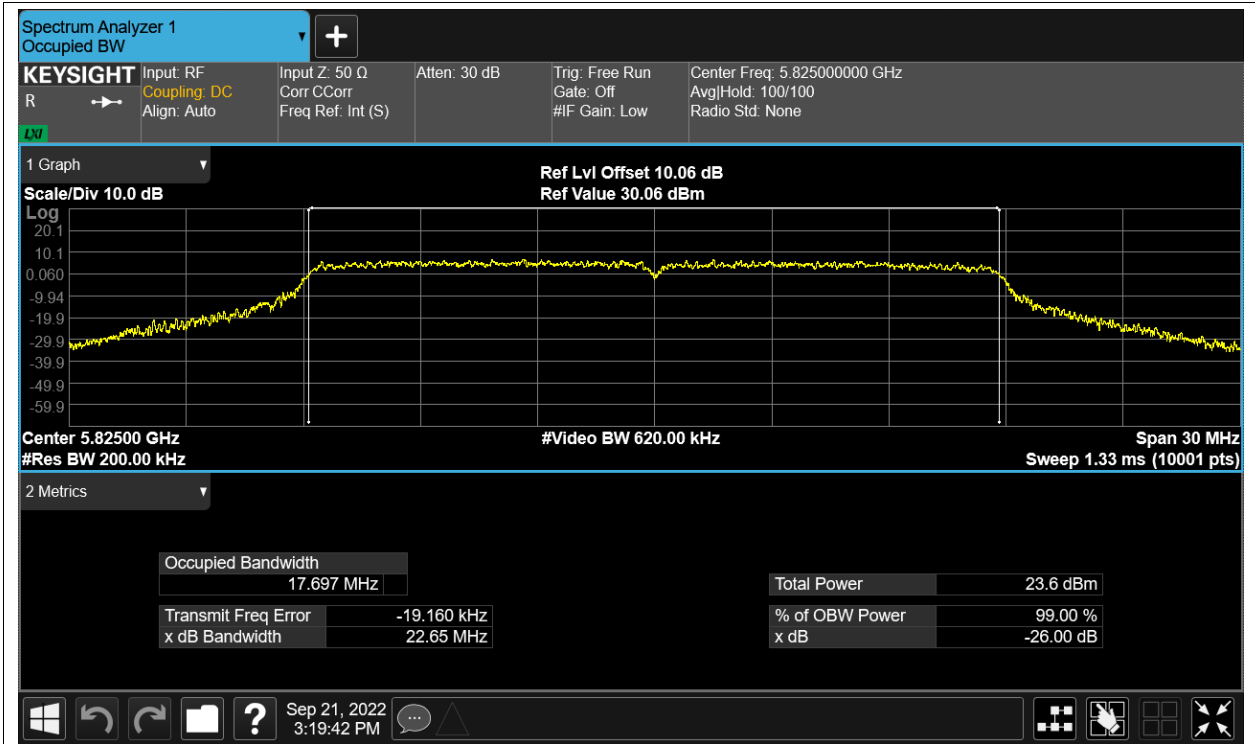
OBW NVNT n20 5785MHz Ant1



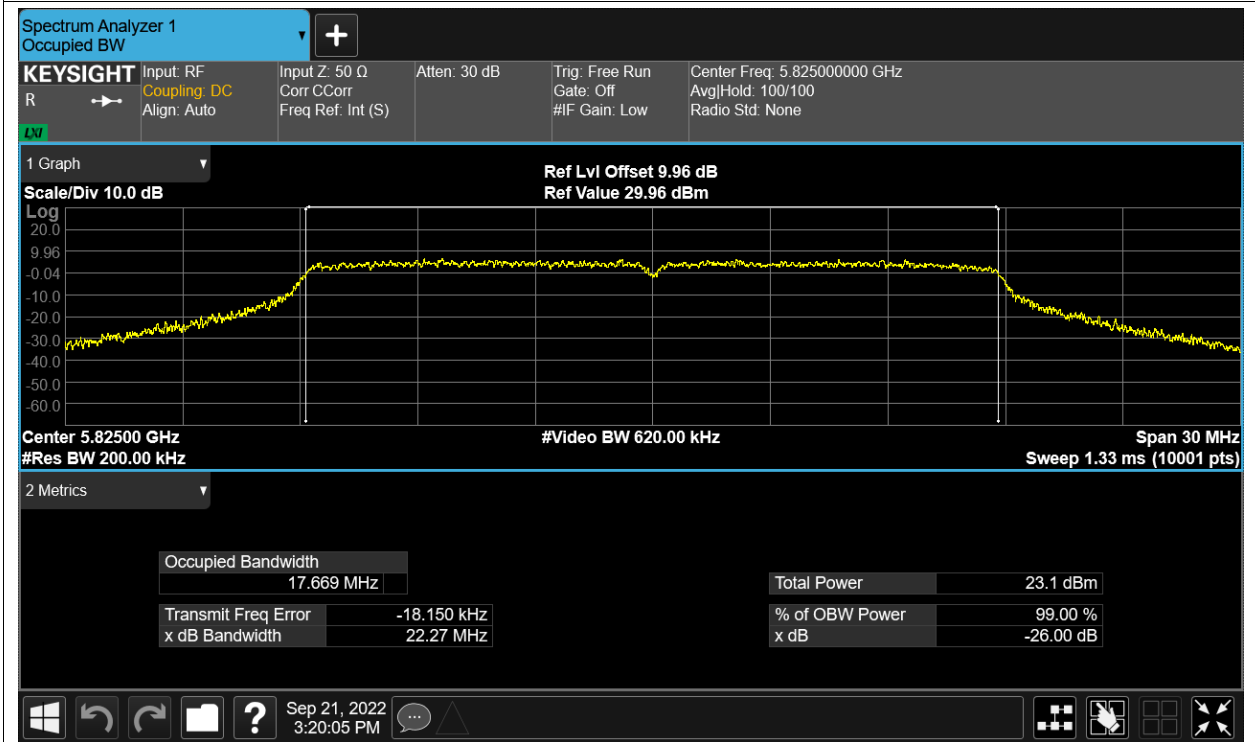
OBW NVNT n20 5785MHz Ant2



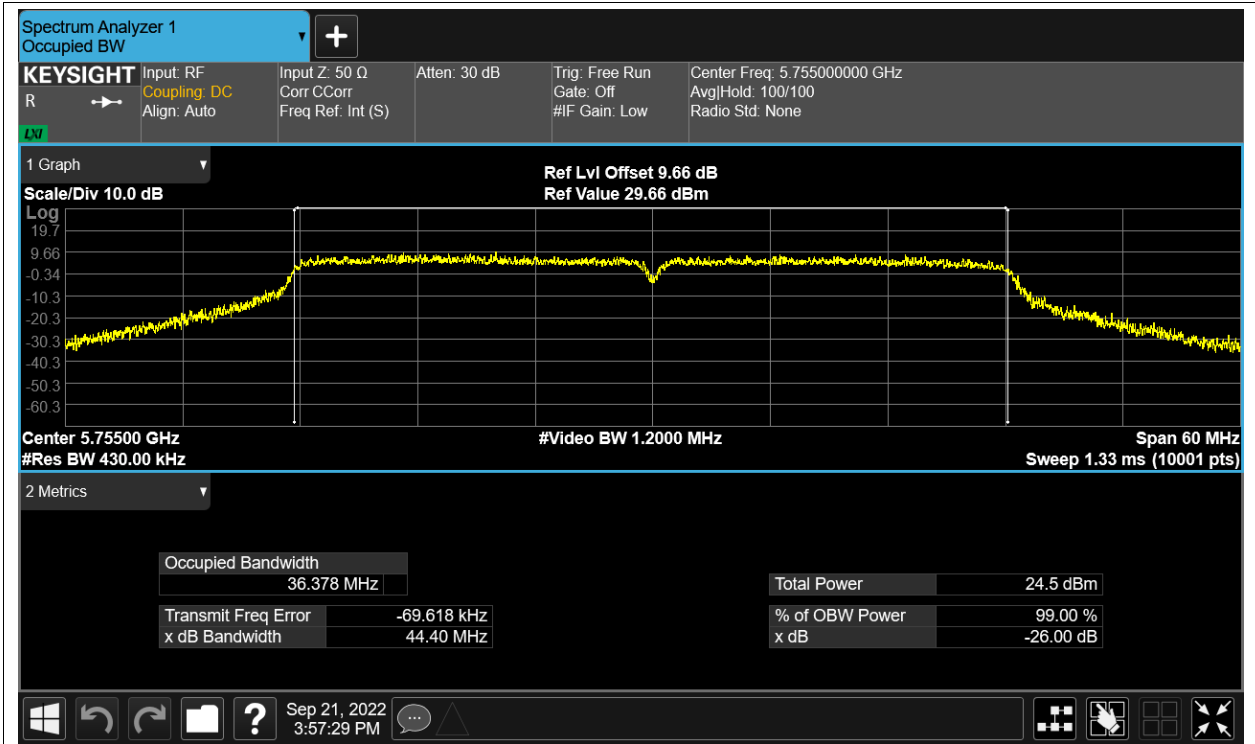
OBW NVNT n20 5825MHz Ant1



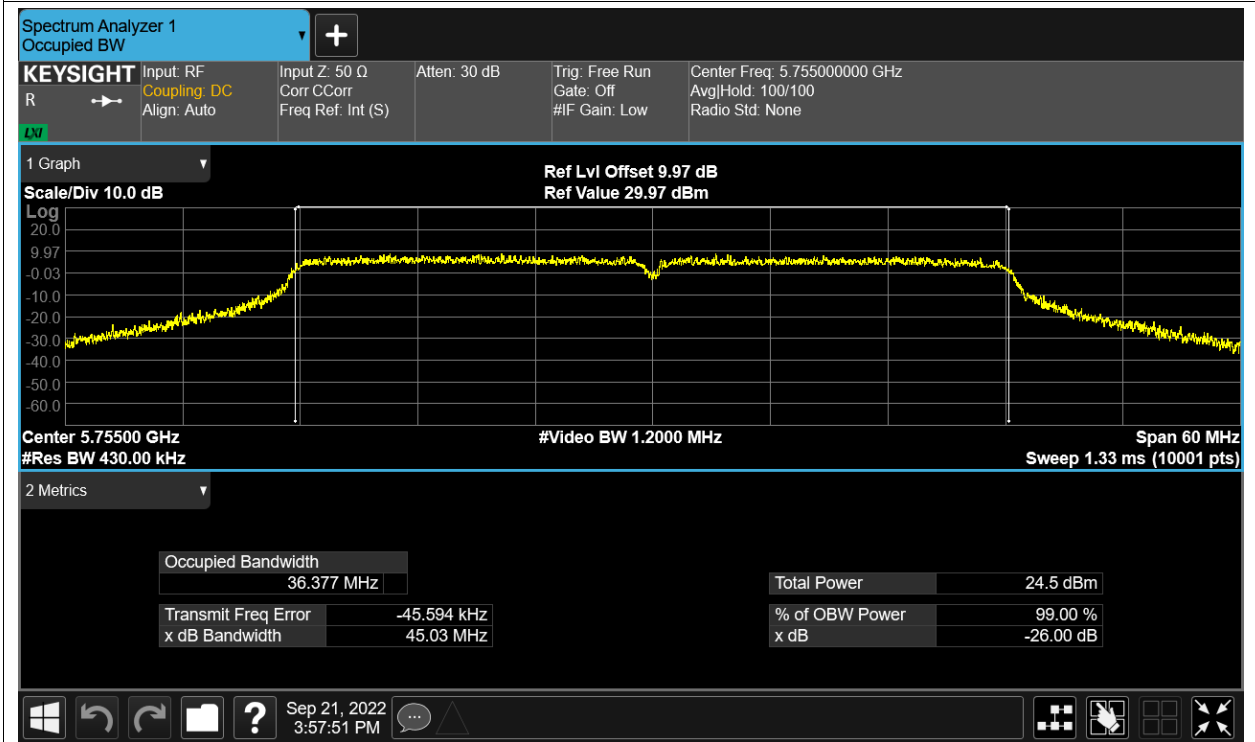
OBW NVNT n20 5825MHz Ant2



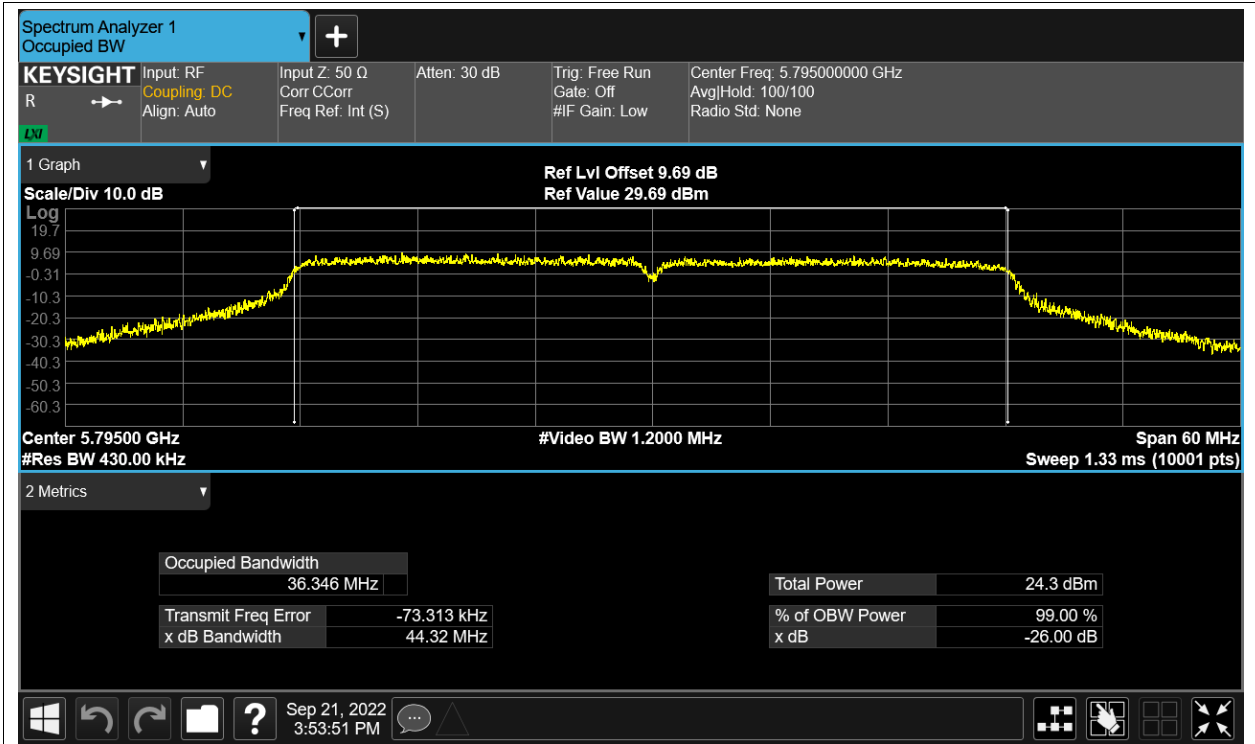
OBW NVNT n40 5755MHz Ant1



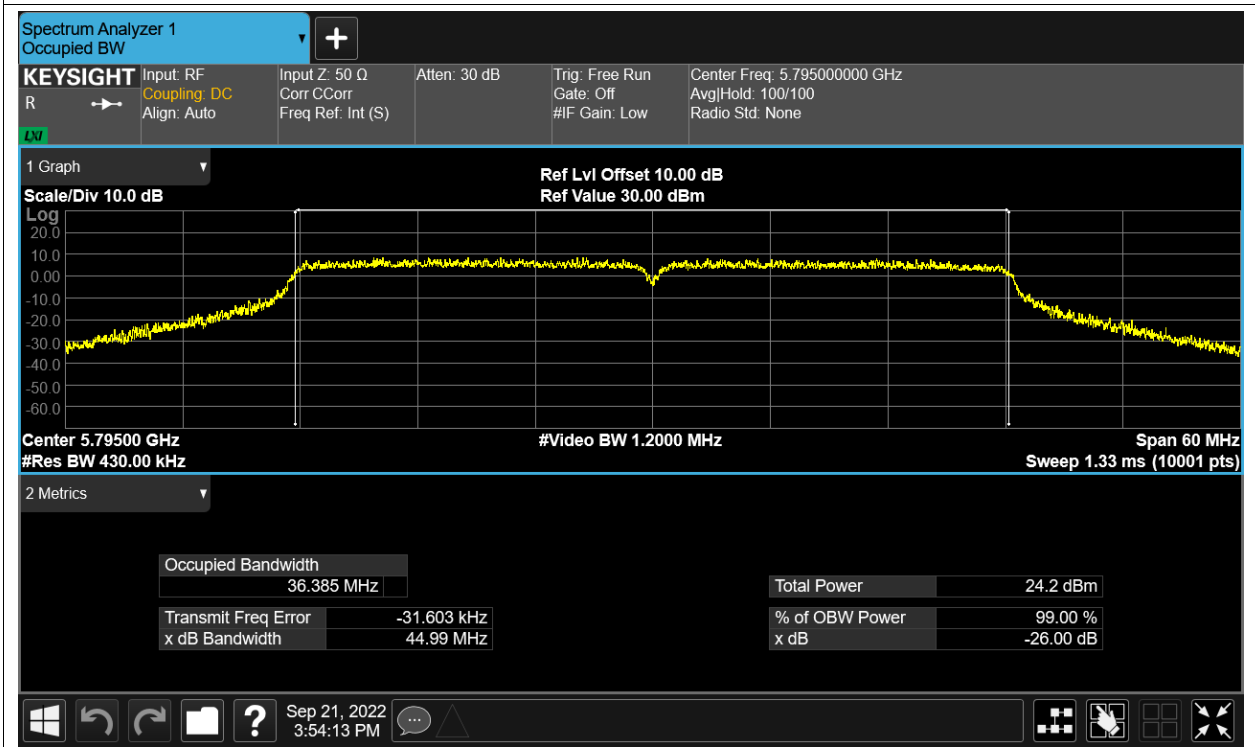
OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5795MHz Ant2

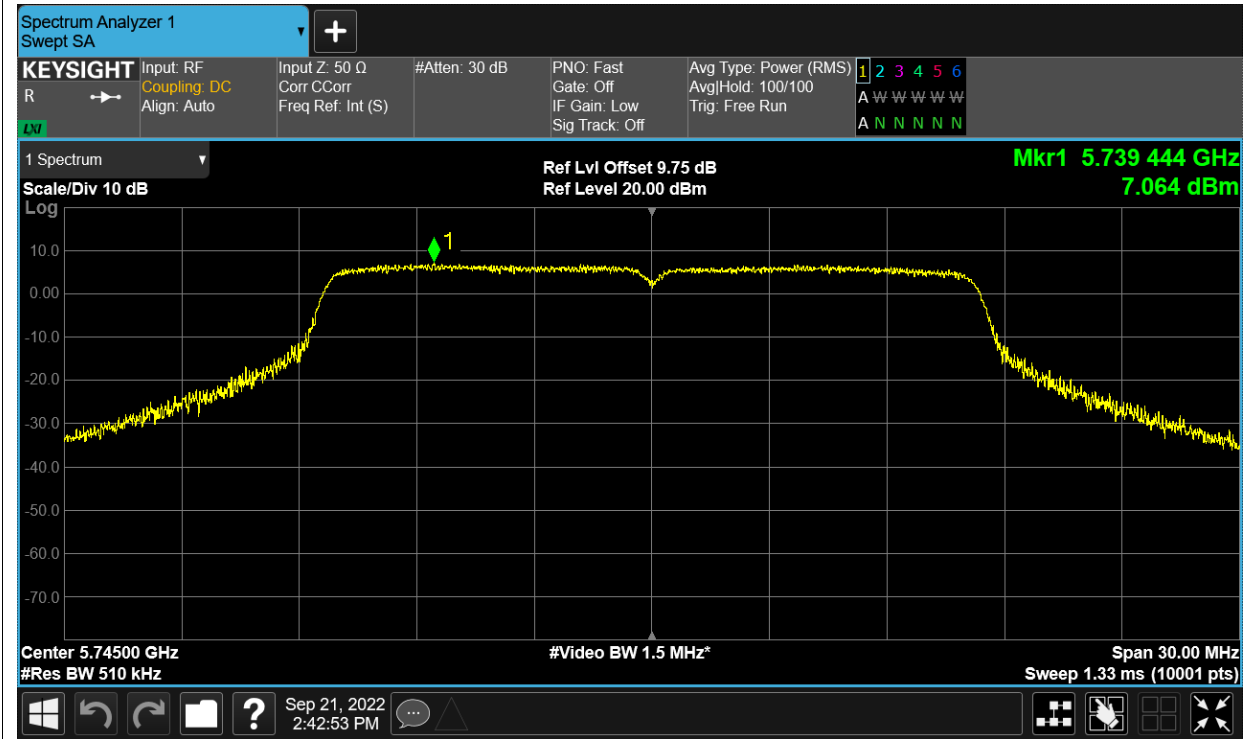


## Maximum Power Spectral Density Level

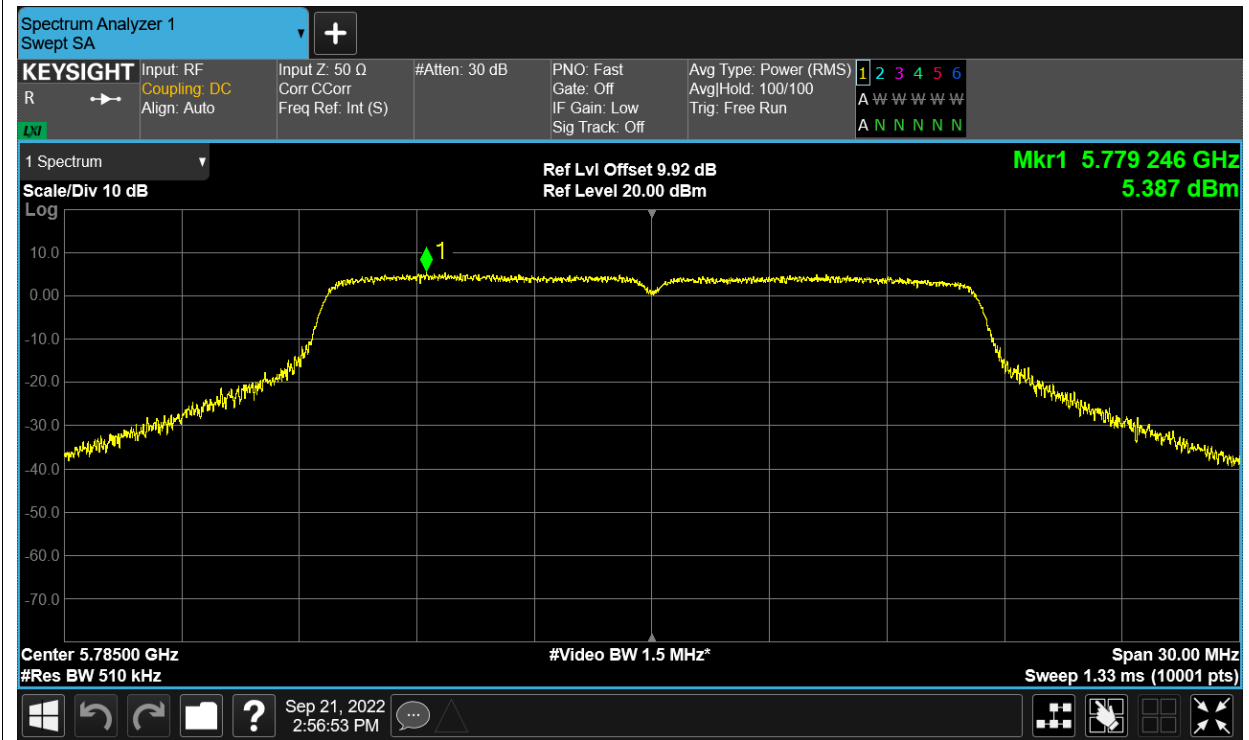
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	7.064	25.79	Pass
NVNT	a	5785	Ant1	5.387	25.79	Pass
NVNT	a	5825	Ant1	4.271	25.79	Pass
NVNT	a	5745	Ant2	7.456	25.79	Pass
NVNT	a	5785	Ant2	4.947	25.79	Pass
NVNT	a	5825	Ant2	4.448	25.79	Pass
NVNT	n20	5745	Ant1	4.861	25.79	Pass
NVNT	n20	5745	Ant2	4.691	25.79	Pass
NVNT	n20	5745	Sum	7.787	25.79	Pass
NVNT	n20	5785	Ant1	4.793	25.79	Pass
NVNT	n20	5785	Ant2	4.638	25.79	Pass
NVNT	n20	5785	Sum	7.726	25.79	Pass
NVNT	n20	5825	Ant1	4.114	25.79	Pass
NVNT	n20	5825	Ant2	3.818	25.79	Pass
NVNT	n20	5825	Sum	6.979	25.79	Pass
NVNT	n40	5755	Ant1	2.492	25.79	Pass
NVNT	n40	5755	Ant2	1.867	25.79	Pass
NVNT	n40	5755	Sum	5.201	25.79	Pass
NVNT	n40	5795	Ant1	1.883	25.79	Pass
NVNT	n40	5795	Ant2	1.532	25.79	Pass
NVNT	n40	5795	Sum	4.721	25.79	Pass

Test Graphs

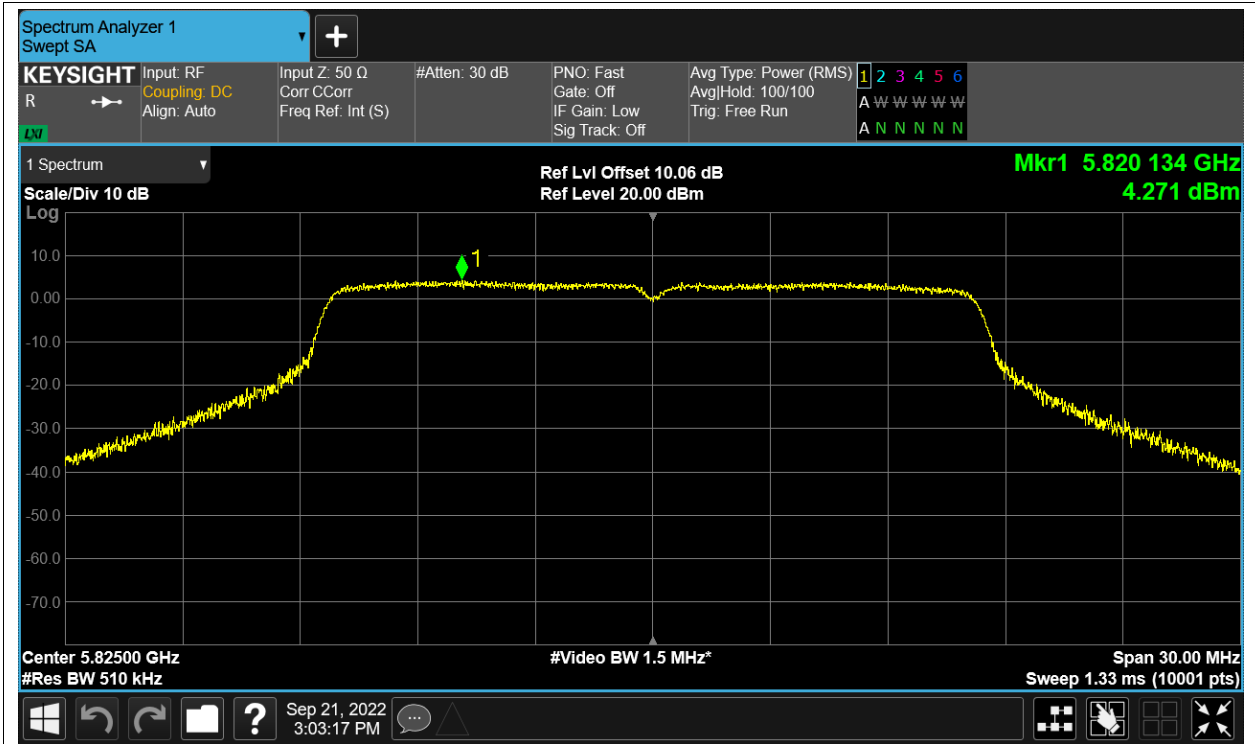
PSD NVNT a 5745MHz Ant1



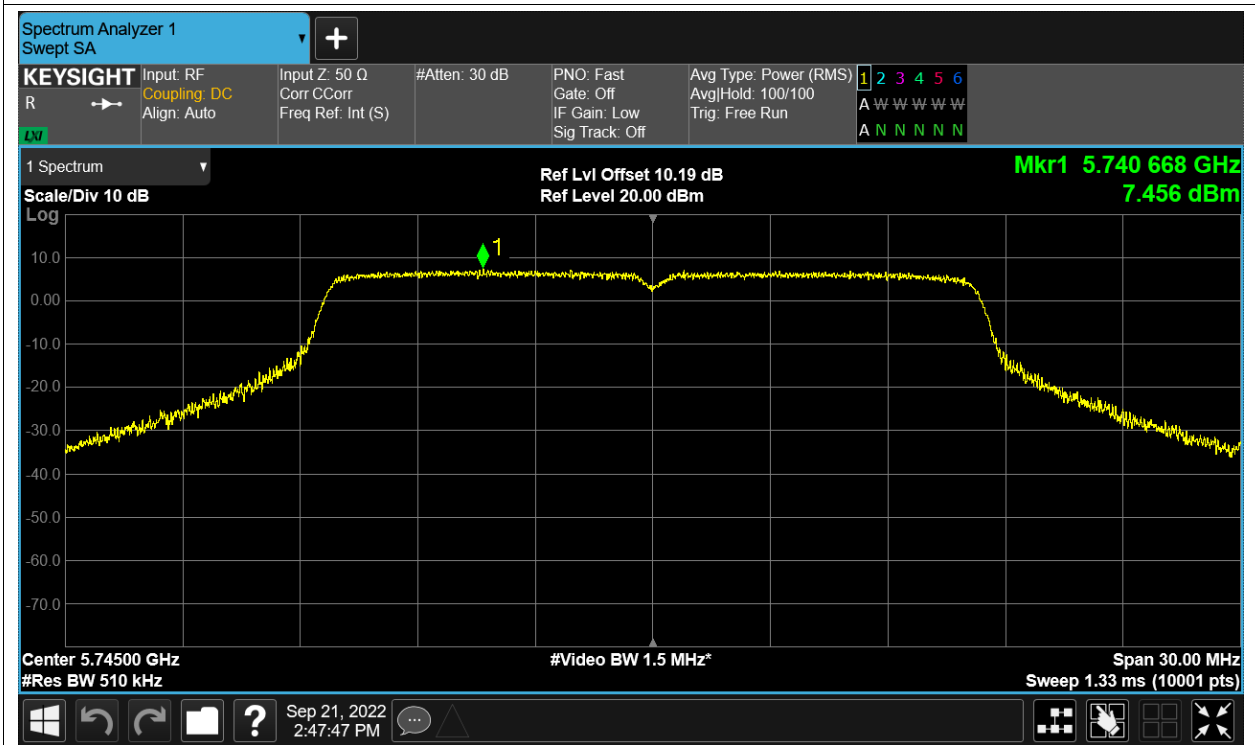
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1

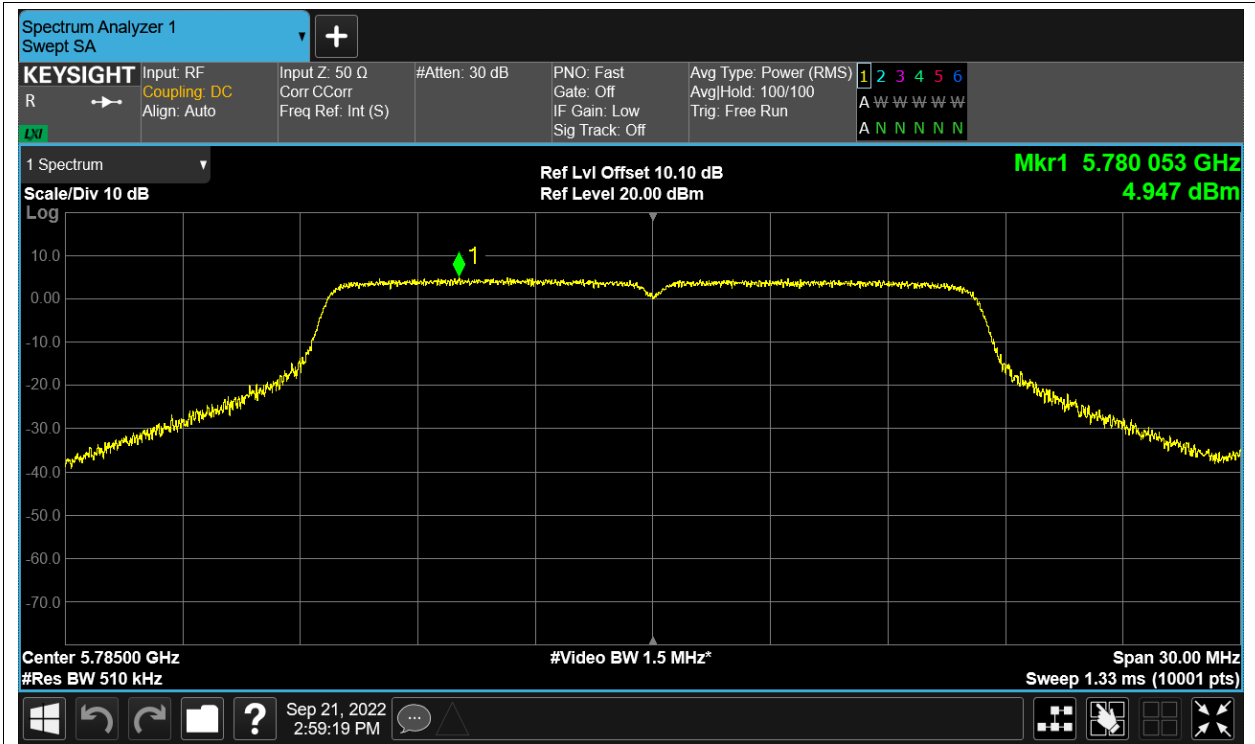


PSD NVNT a 5745MHz Ant2

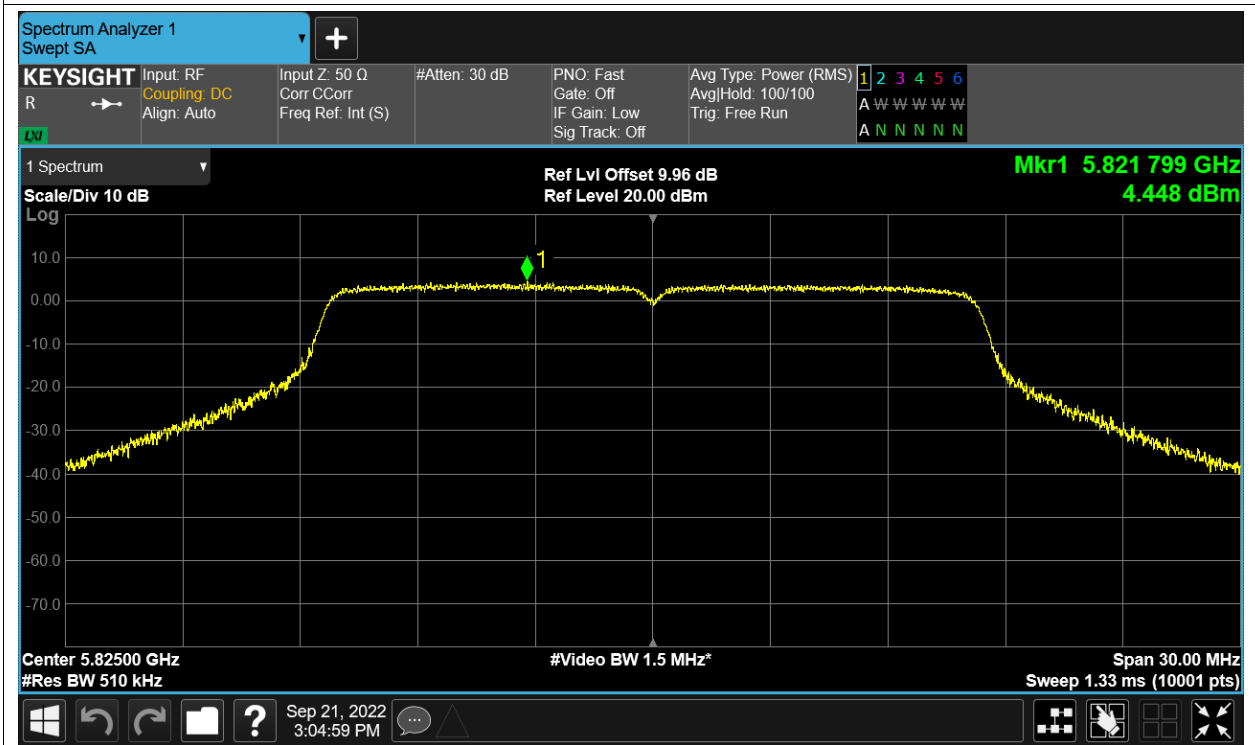


PSD NVNT a 5785MHz Ant2

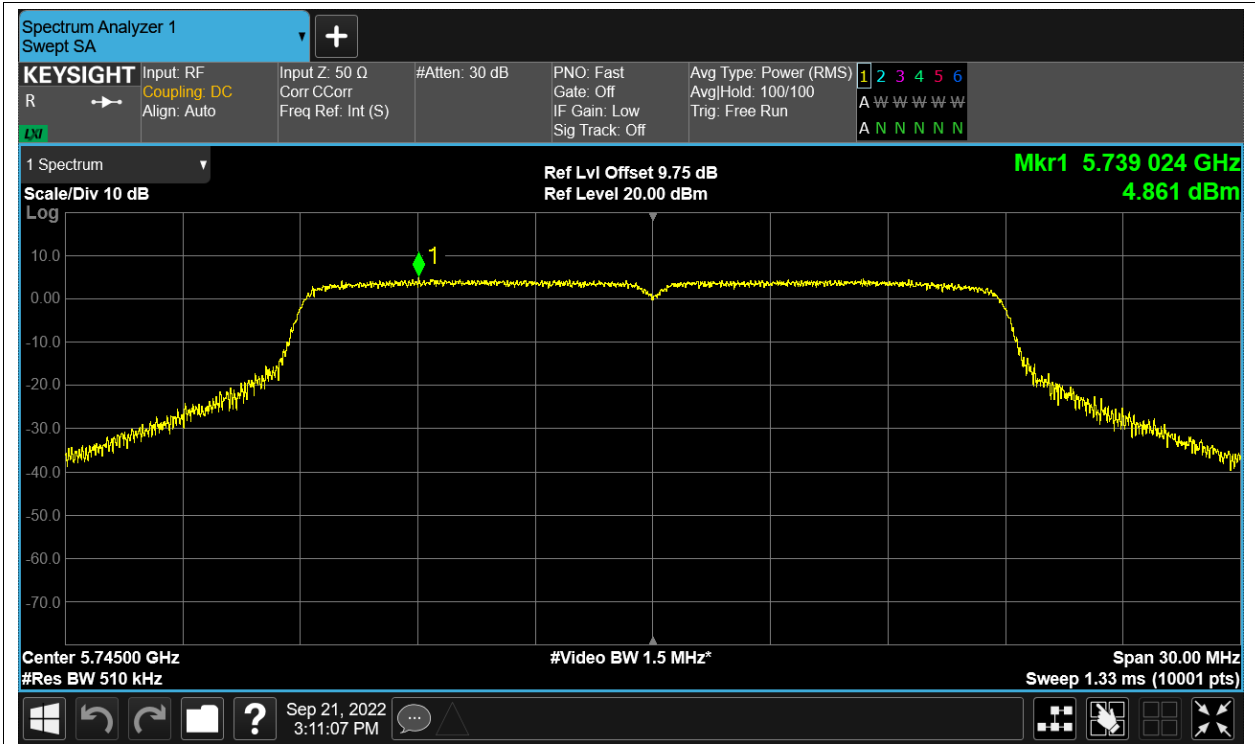




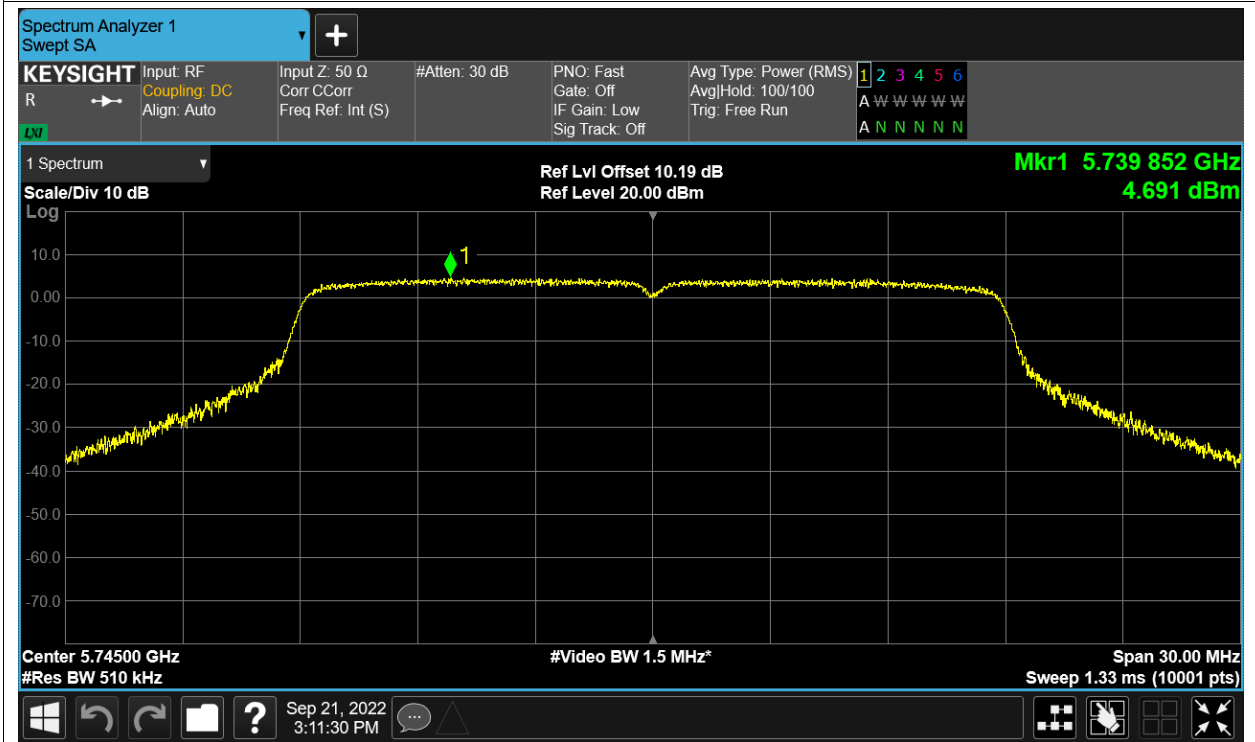
PSD NVNT a 5825MHz Ant2



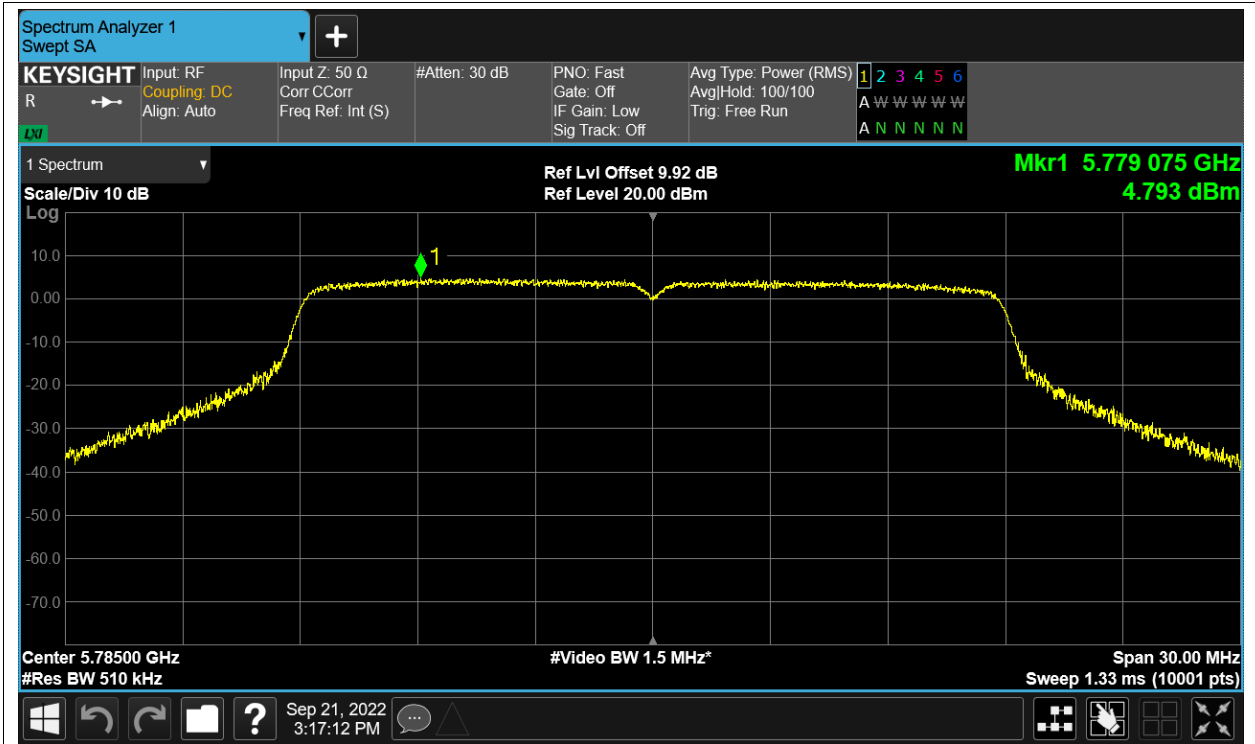
PSD NVNT n20 5745MHz Ant1



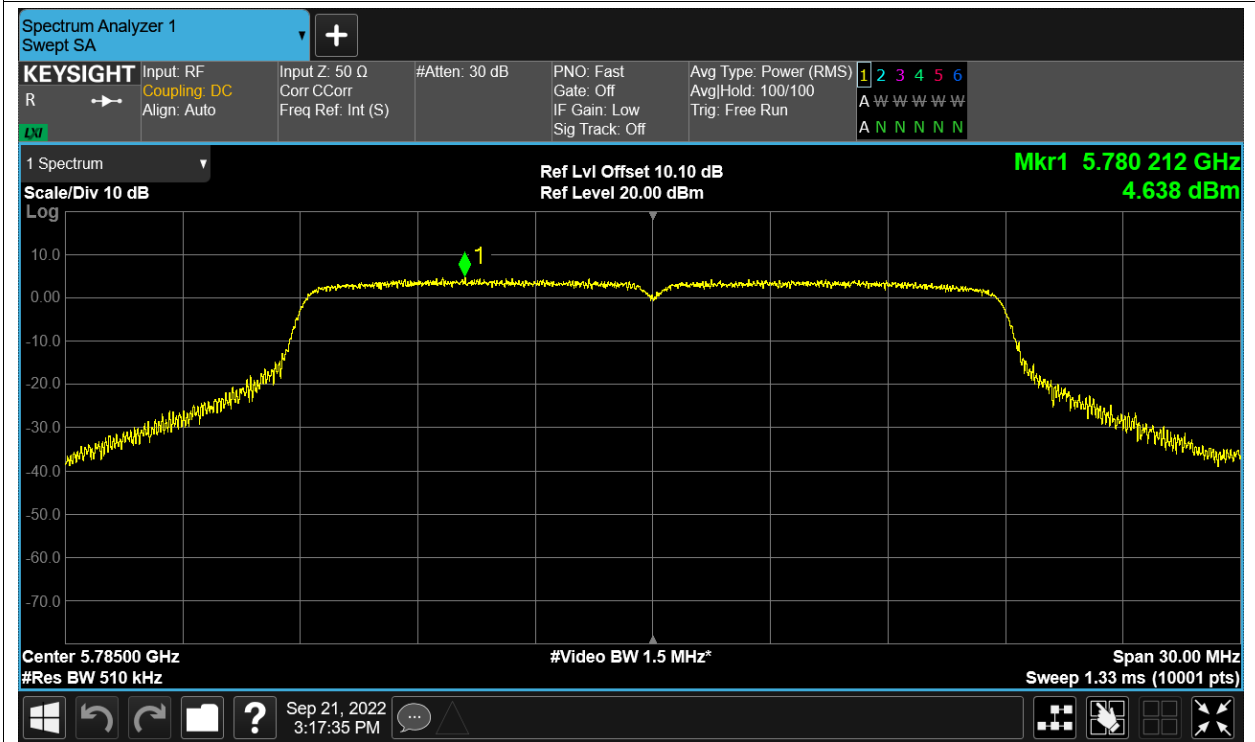
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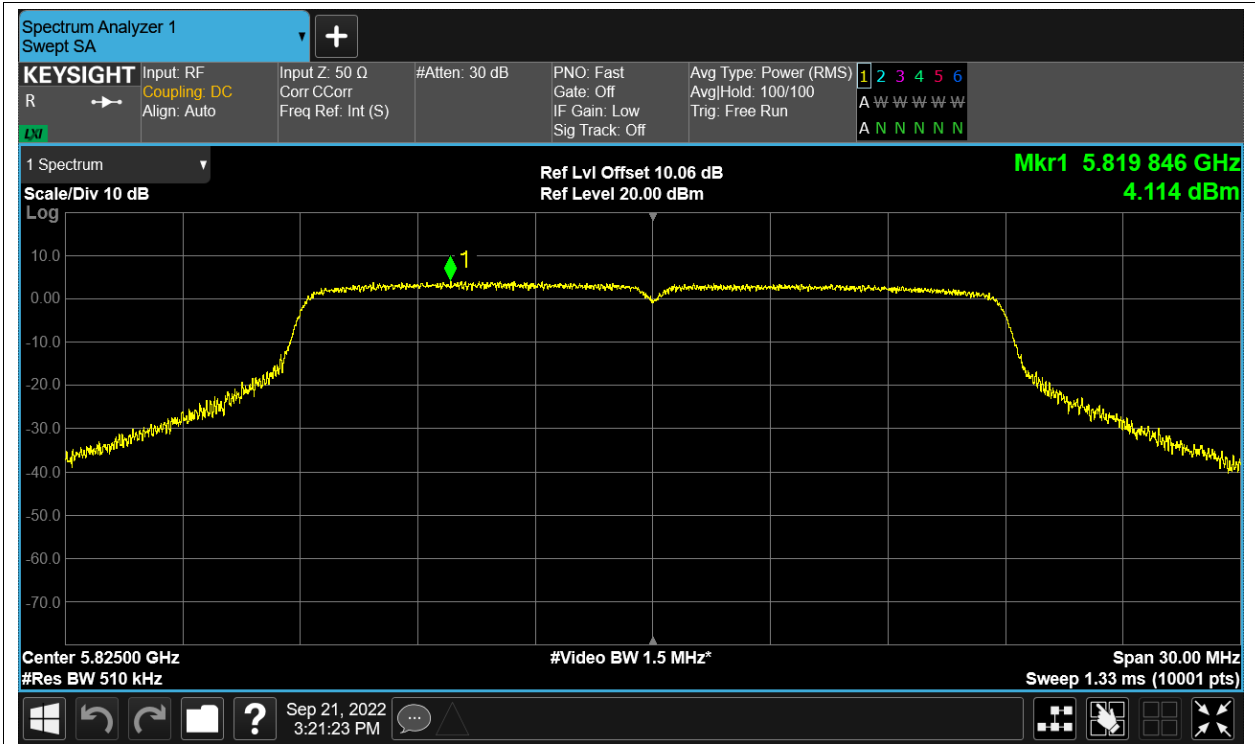
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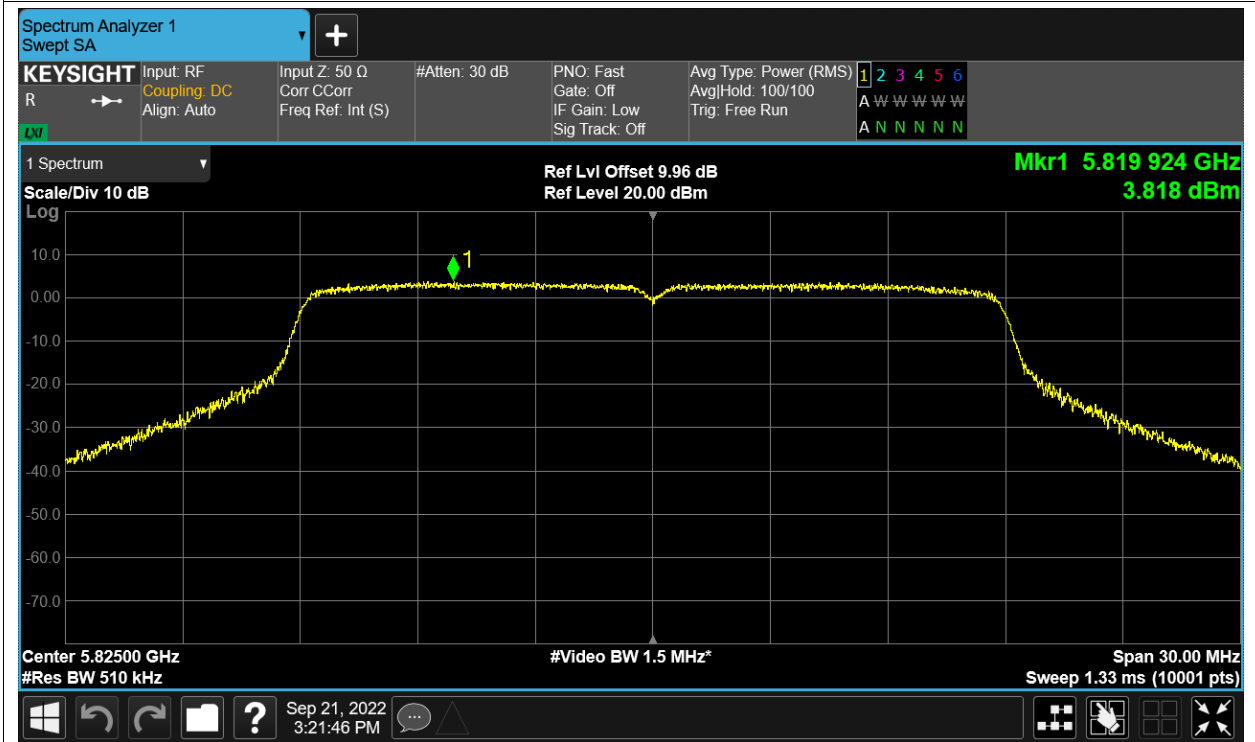
PSD NVNT n20 5785MHz Ant2



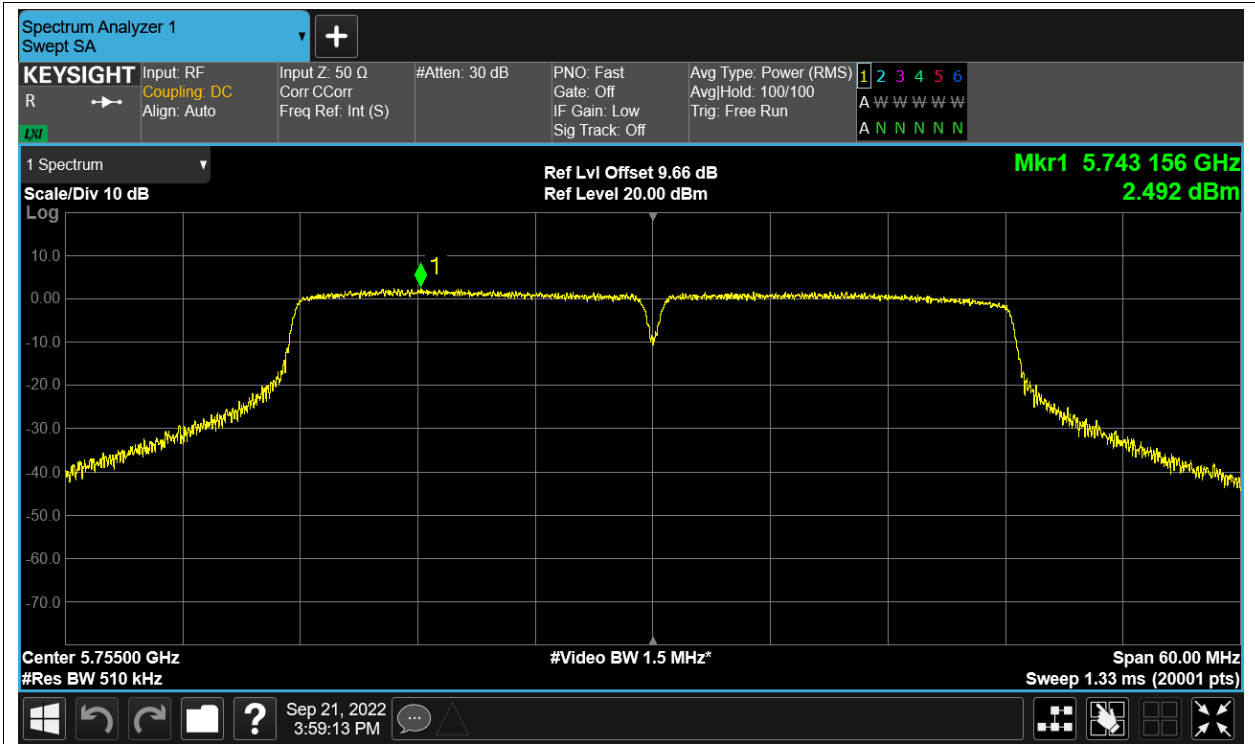
PSD NVNT n20 5825MHz Ant1



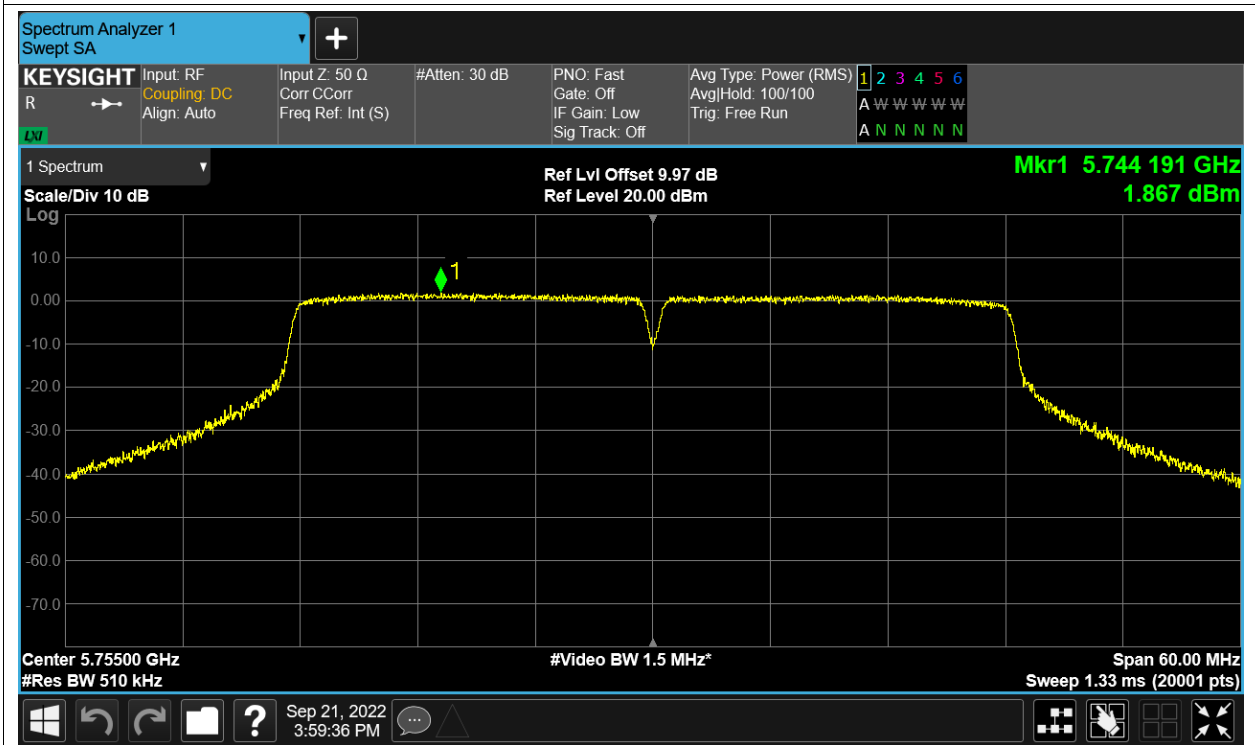
PSD NVNT n20 5825MHz Ant2



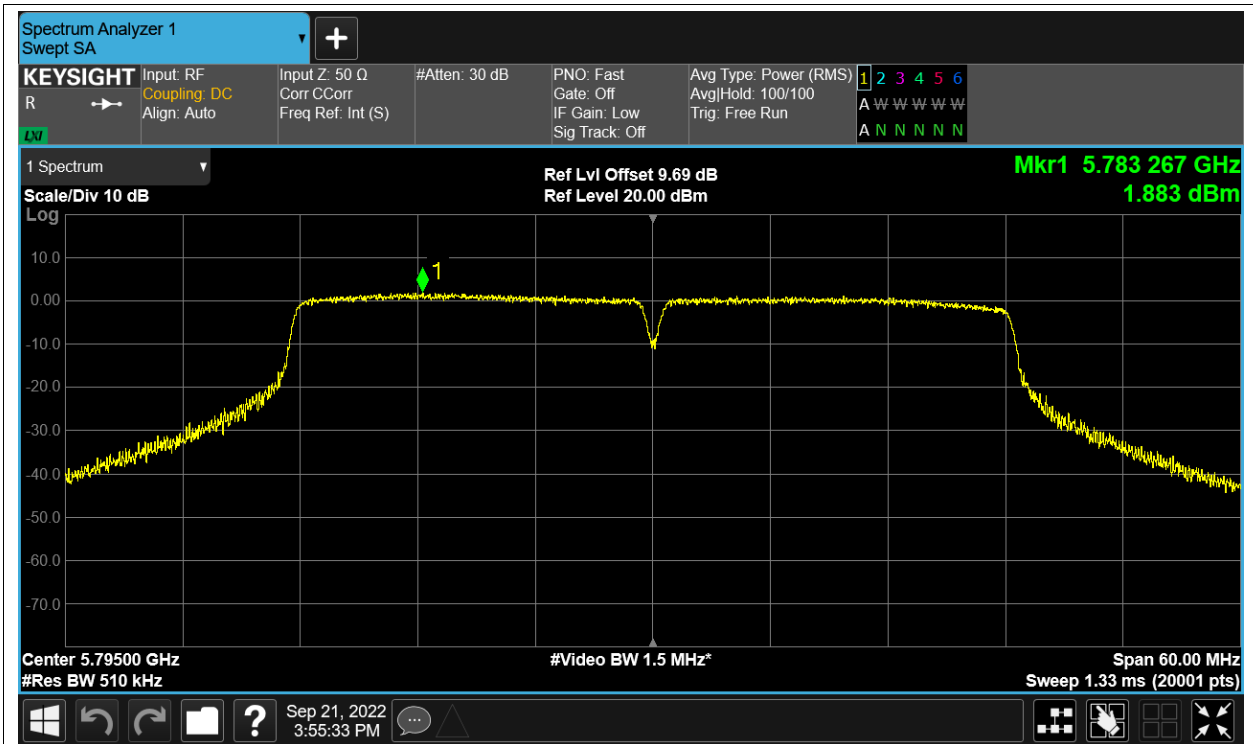
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

