

## Test Data

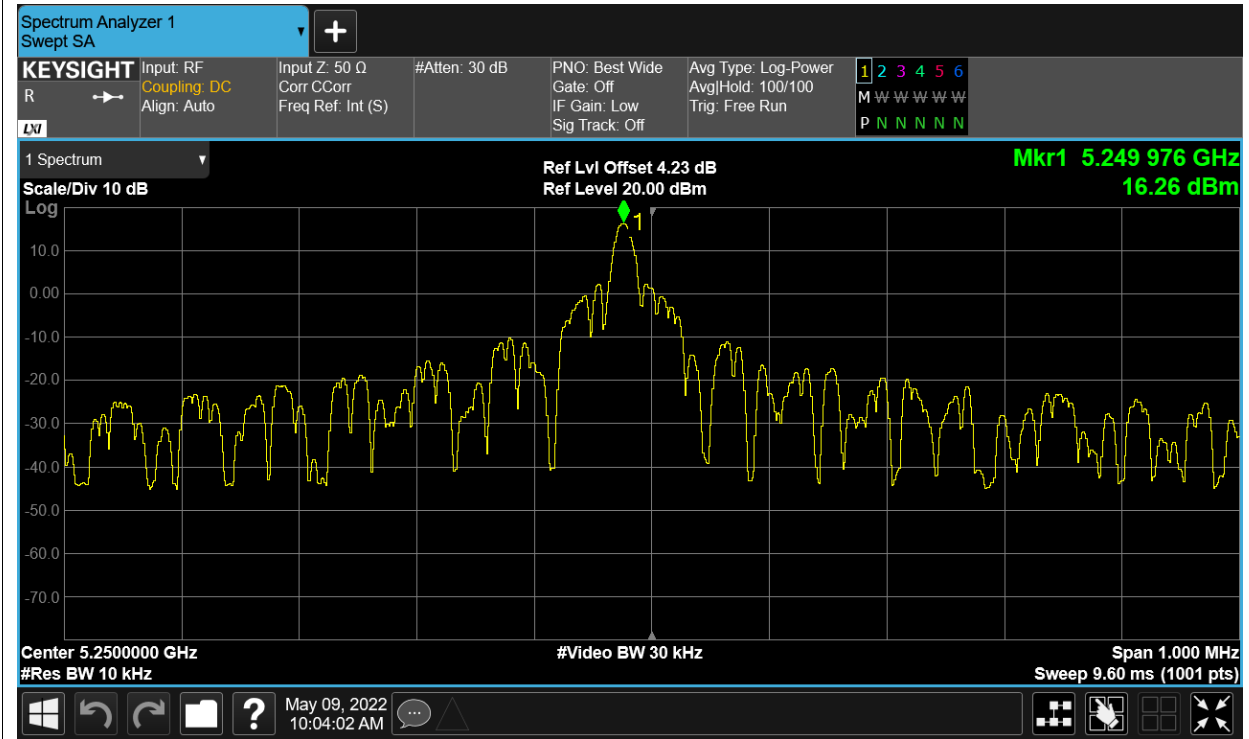
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	ac160	5250	Sum	5249.976	-4.57	Within authorized band	Pass
LVNT	ac160	5250	Sum	5249.976	-4.57		Pass
NVHT	ac160	5250	Sum	5249.976	-4.57		Pass
NVLT	ac160	5250	Sum	5249.976	-4.57		Pass
NVNT	ac160	5250	Sum	5249.976	-4.57		Pass
HVNT	ax160	5250	Sum	5249.975	-4.76		Pass
LVNT	ax160	5250	Sum	5249.975	-4.76		Pass
NVHT	ax160	5250	Sum	5249.975	-4.76		Pass
NVLT	ax160	5250	Sum	5249.975	-4.76		Pass
NVNT	ax160	5250	Sum	5249.975	-4.76		Pass

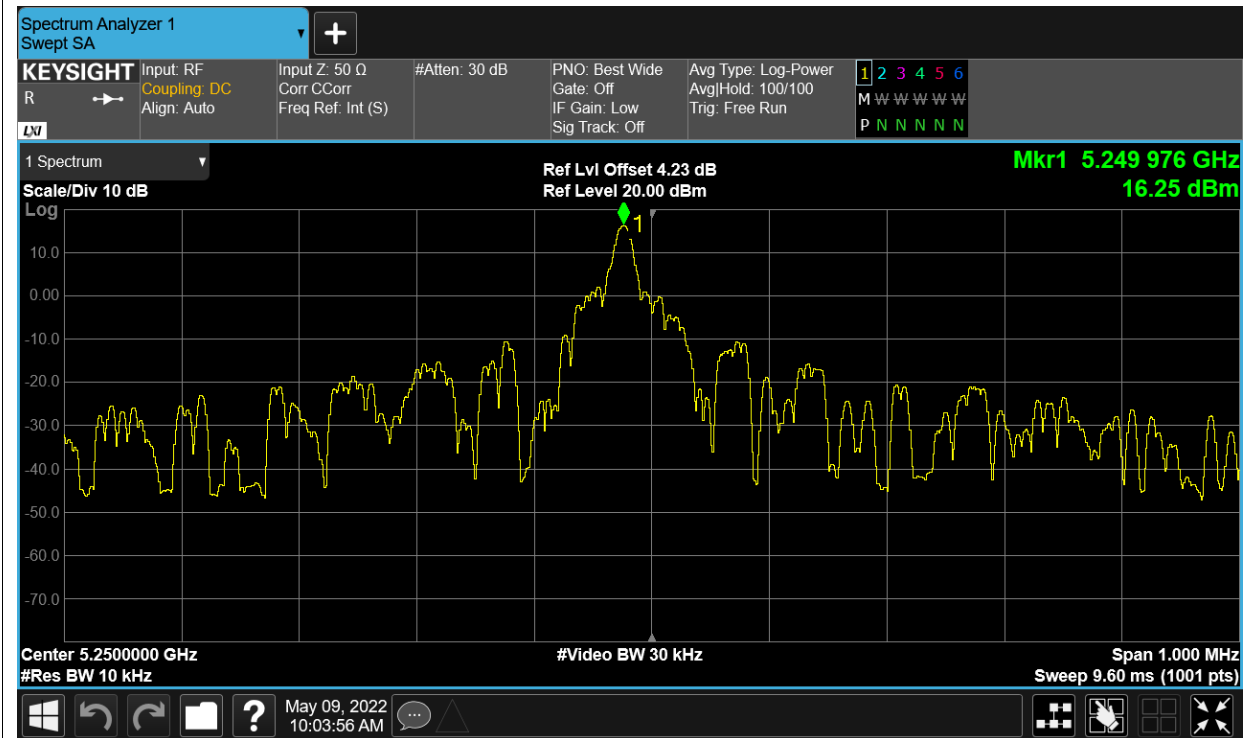
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

### Test Graphs

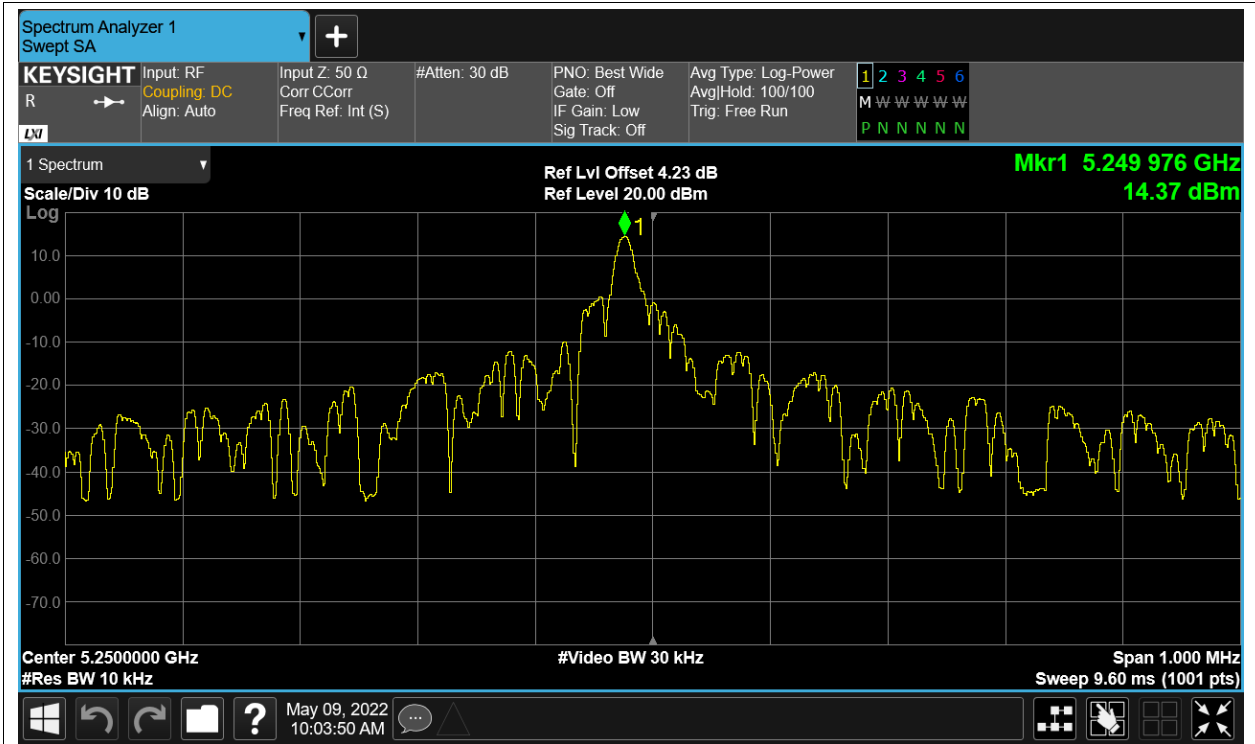
Freq. Stability HVNT ac160 5250MHz Sum



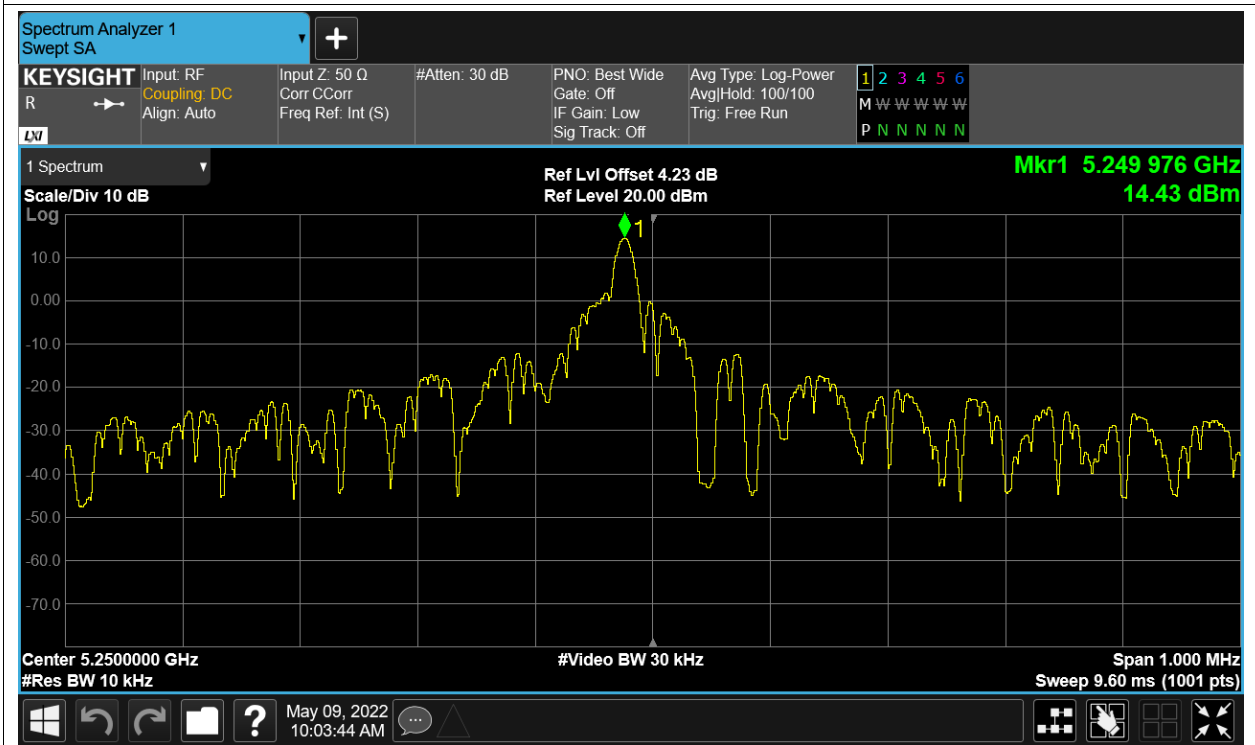
Freq. Stability LVNT ac160 5250MHz Sum



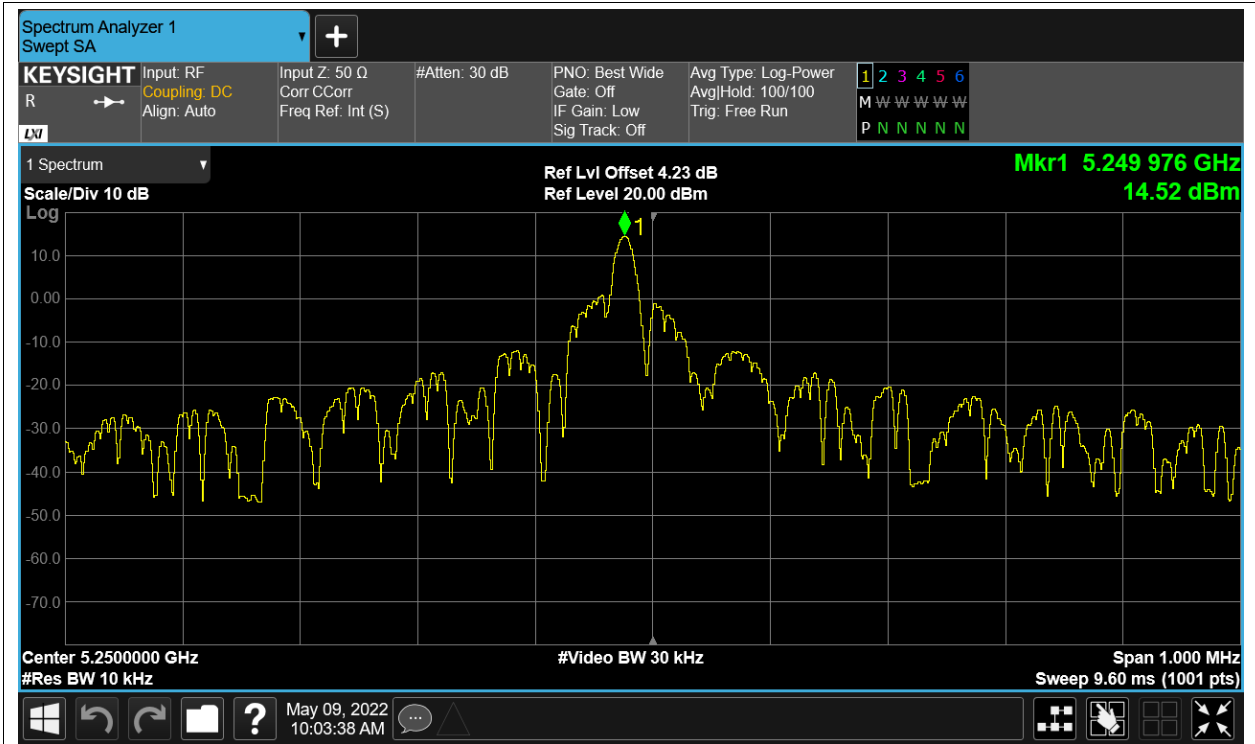
Freq. Stability NVHT ac160 5250MHz Sum



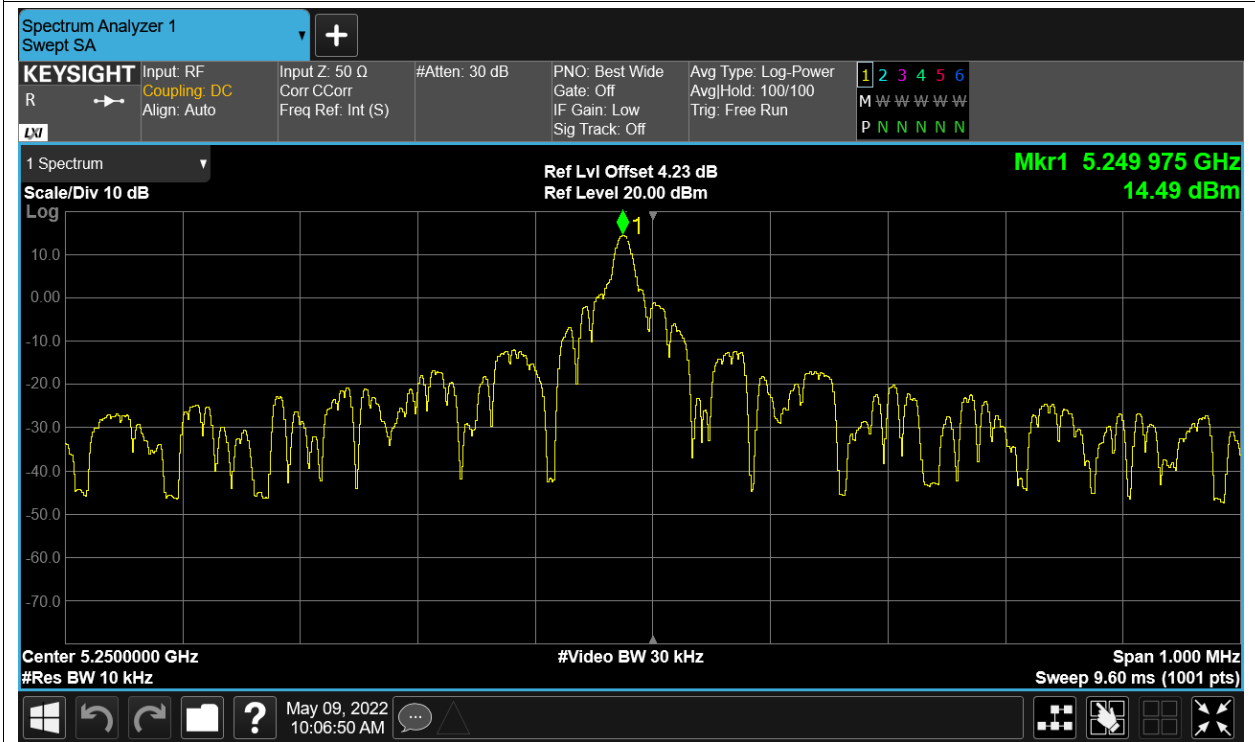
Freq. Stability NVLT ac160 5250MHz Sum



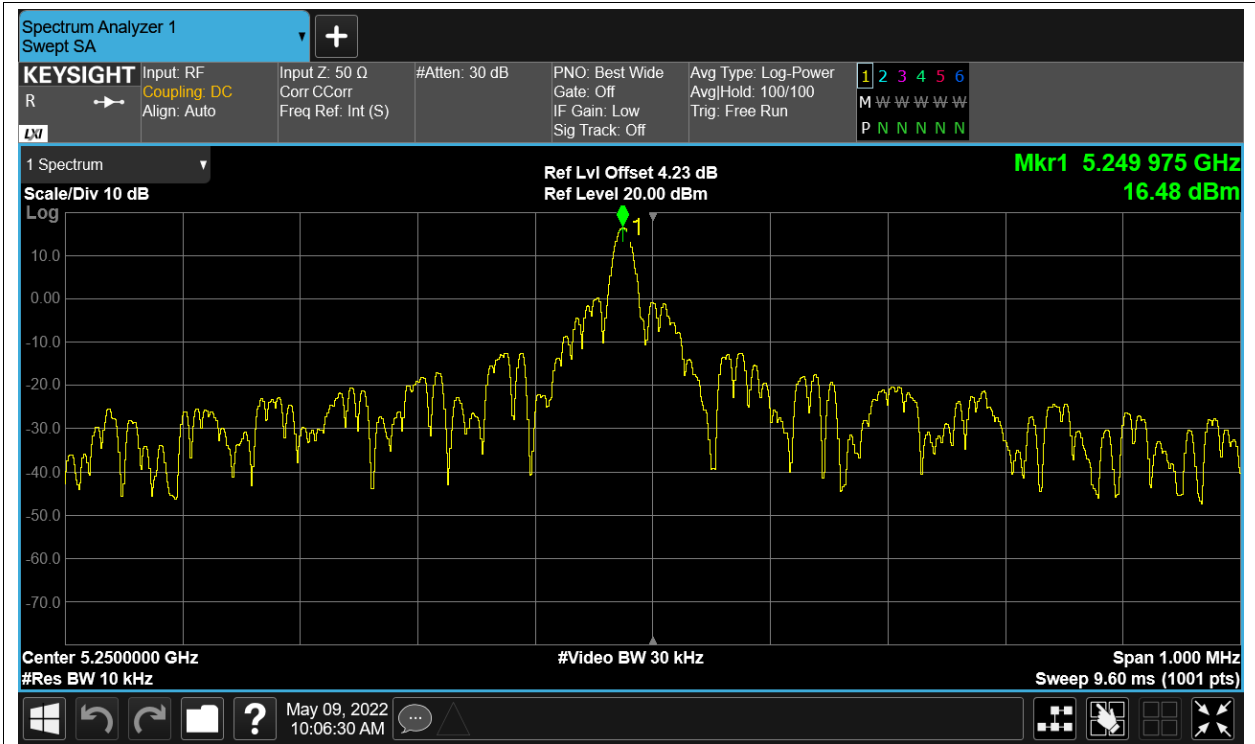
Freq. Stability NVNT ac160 5250MHz Sum



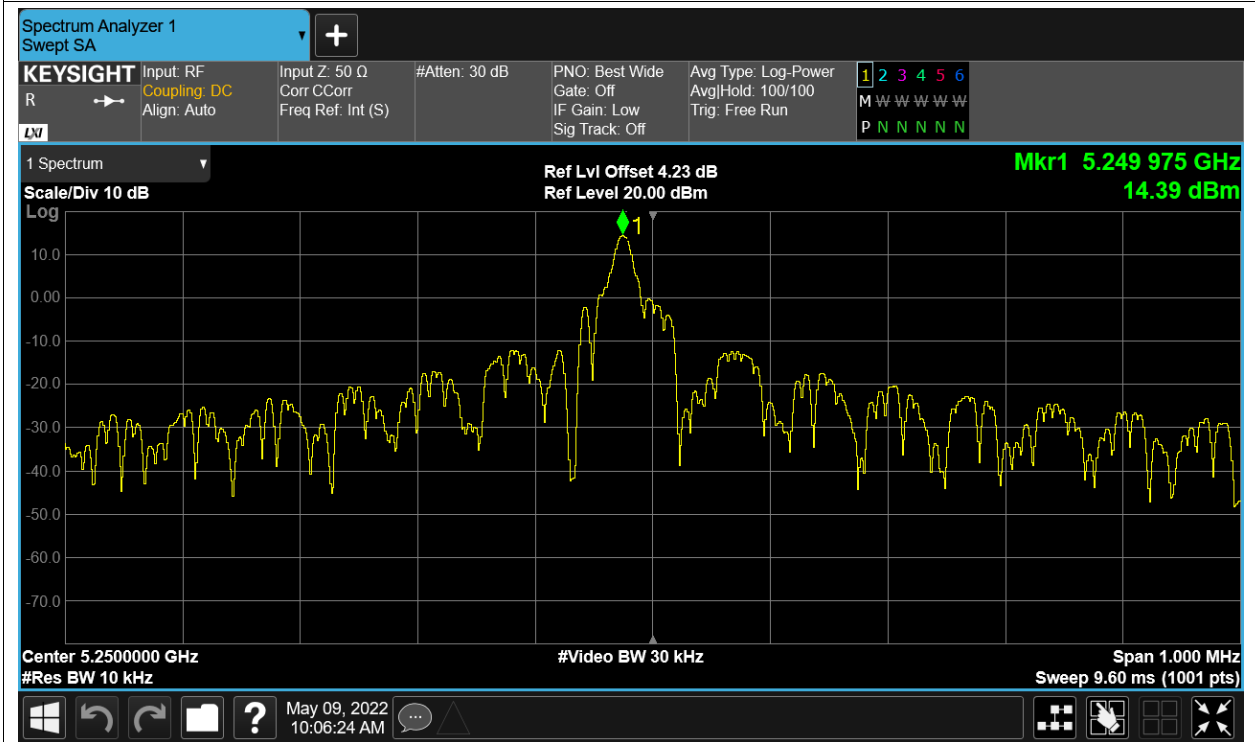
Freq. Stability HVNT ax160 5250MHz Sum



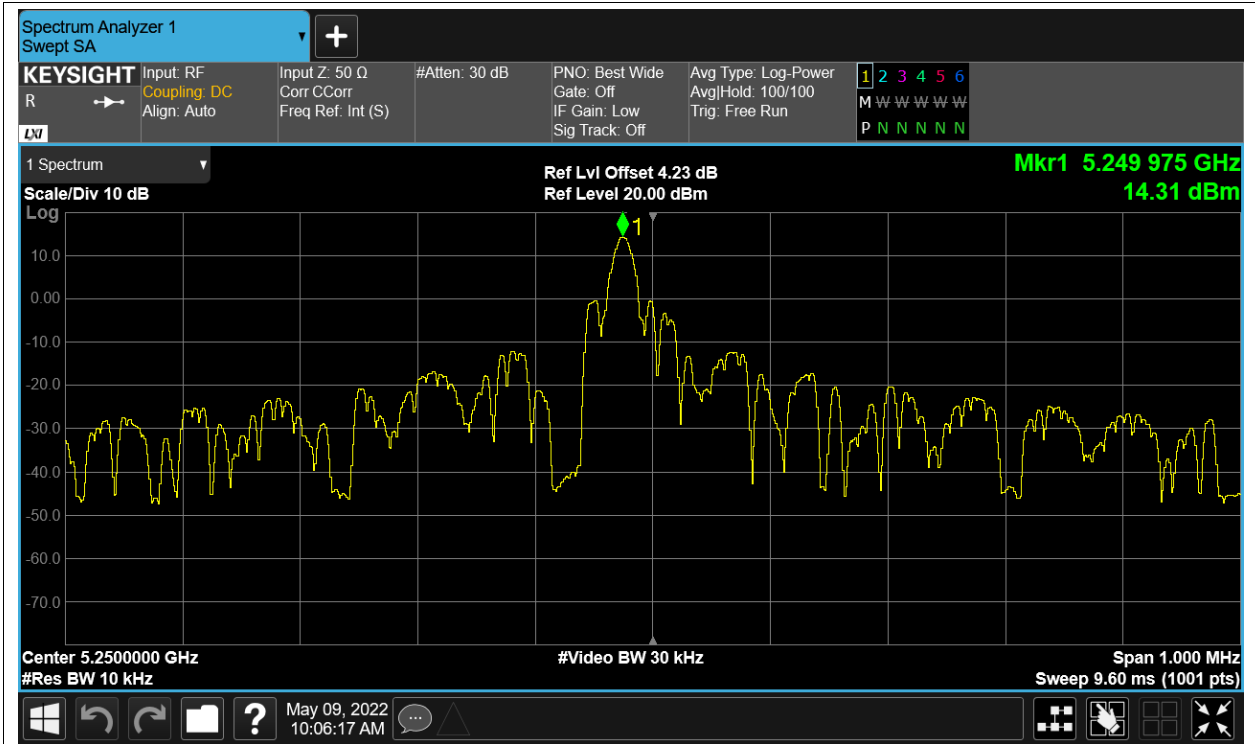
Freq. Stability LVNT ax160 5250MHz Sum



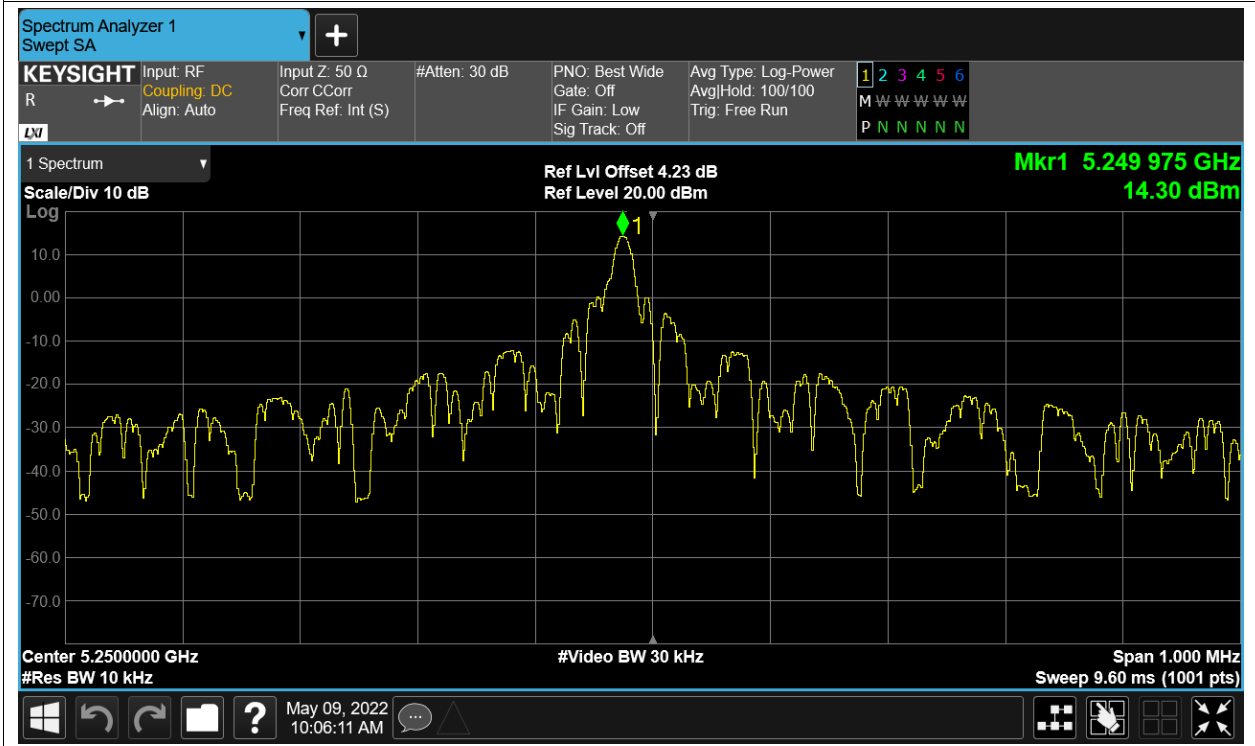
Freq. Stability NVHT ax160 5250MHz Sum



Freq. Stability NVLT ax160 5250MHz Sum



Freq. Stability NVNT ax160 5250MHz Sum

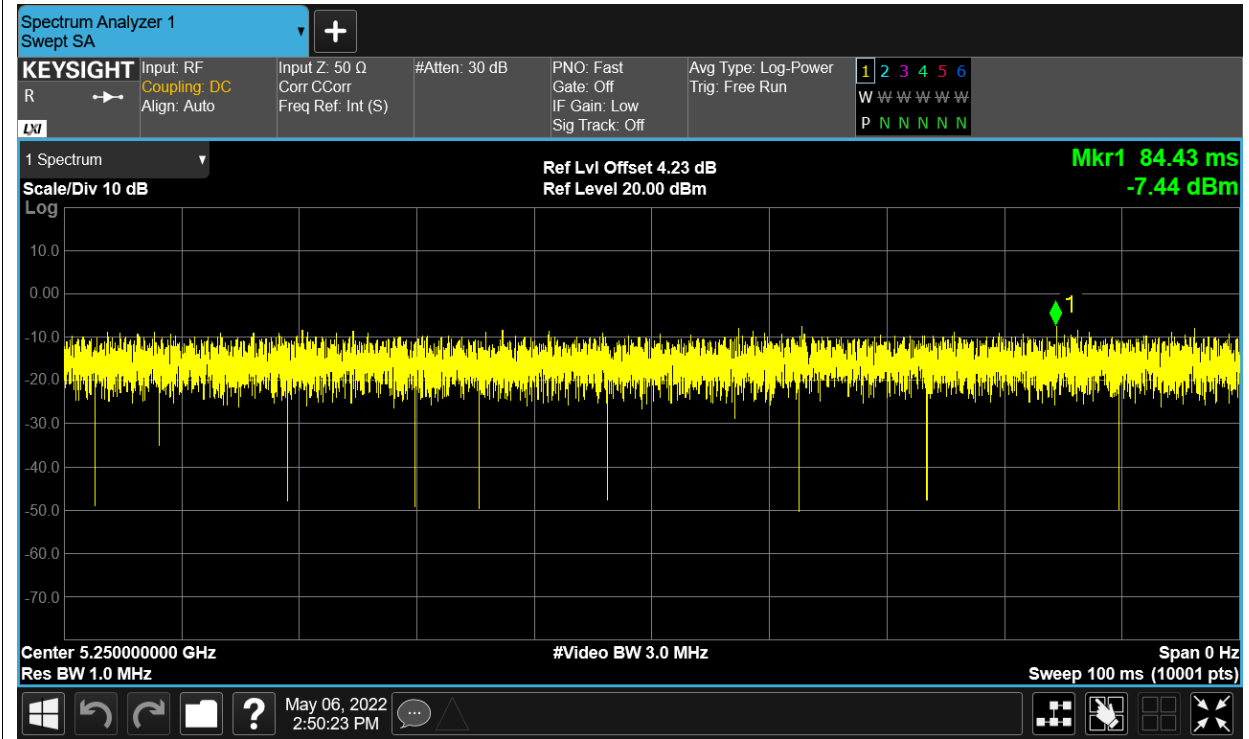


## Duty Cycle

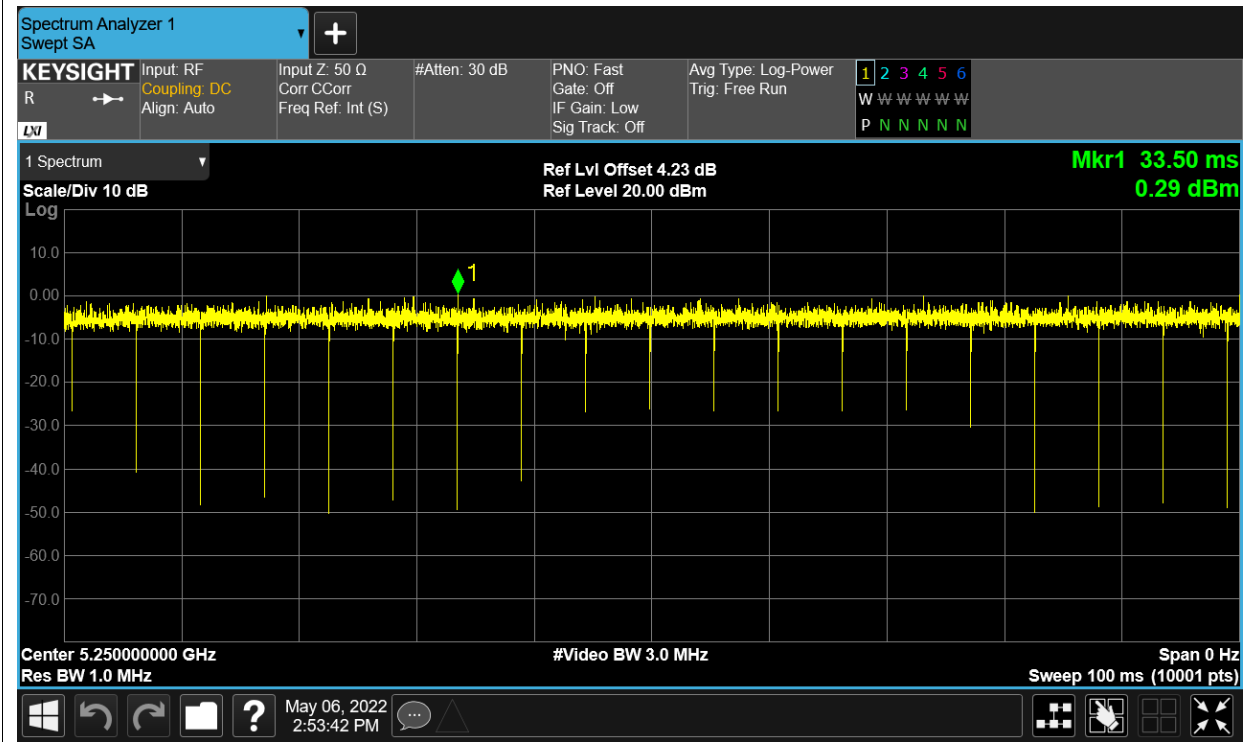
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ac160	5250	Sum	99.92	0
NVNT	ax160	5250	Sum	99.89	0

Test Graphs

Duty Cycle NVNT ac160 5250MHz Sum



Duty Cycle NVNT ax160 5250MHz Sum





## Maximum Conducted Output Power

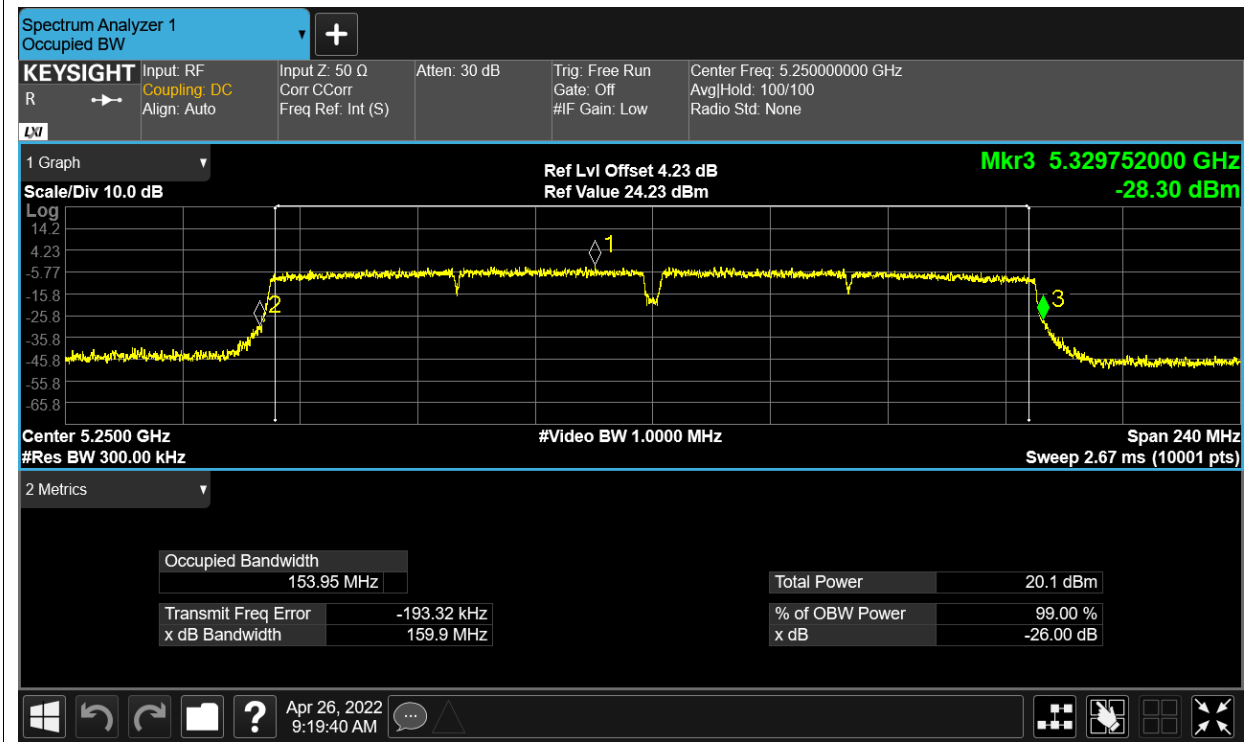
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5250	Ant1	11.02	0	11.02	24	Pass
NVNT	ac160	5250	Ant2	10.43	0	10.43	24	Pass
NVNT	ac160	5250	Sum	13.745	0	13.745	24	Pass
NVNT	ax160	5250	Ant1	9.26	0	9.26	24	Pass
NVNT	ax160	5250	Ant2	8.53	0	8.53	24	Pass
NVNT	ax160	5250	Sum	11.921	0	11.921	24	Pass

**-26dB Bandwidth**

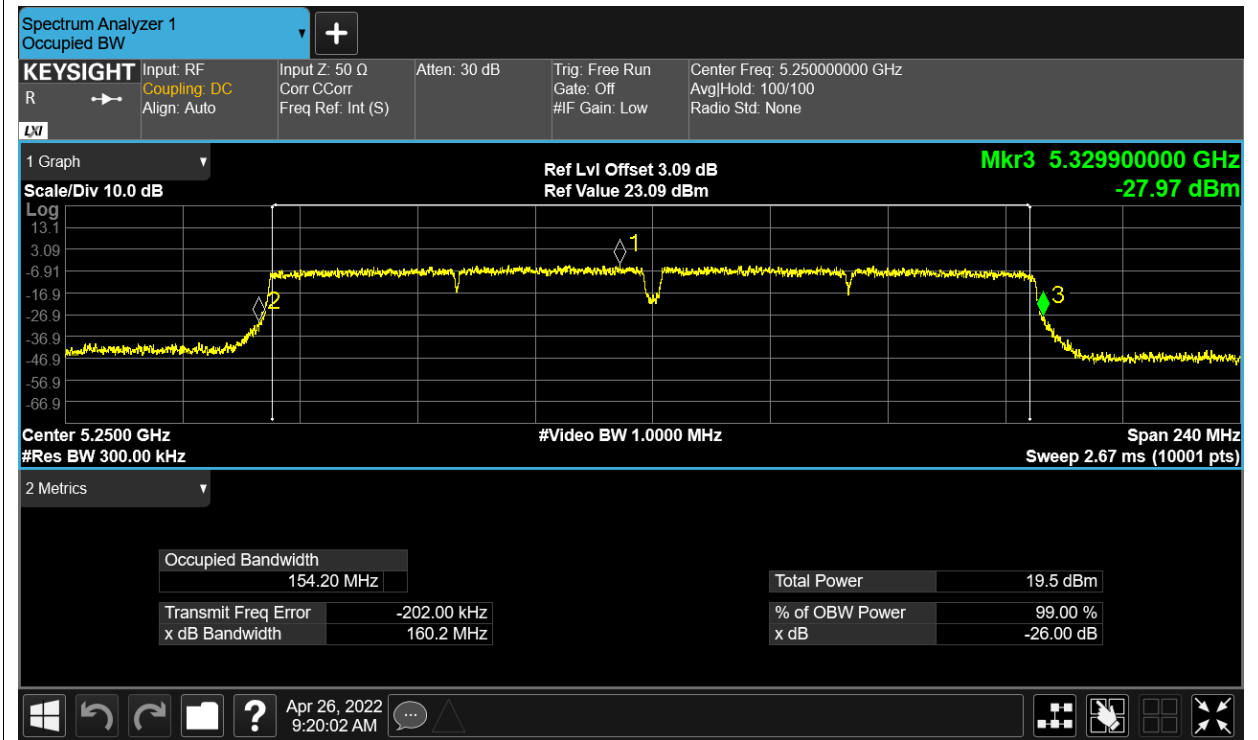
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	ac160	5250	Ant1	159.89
NVNT	ac160	5250	Ant2	160.204
NVNT	ax160	5250	Ant1	160.082
NVNT	ax160	5250	Ant2	160.576

Test Graphs

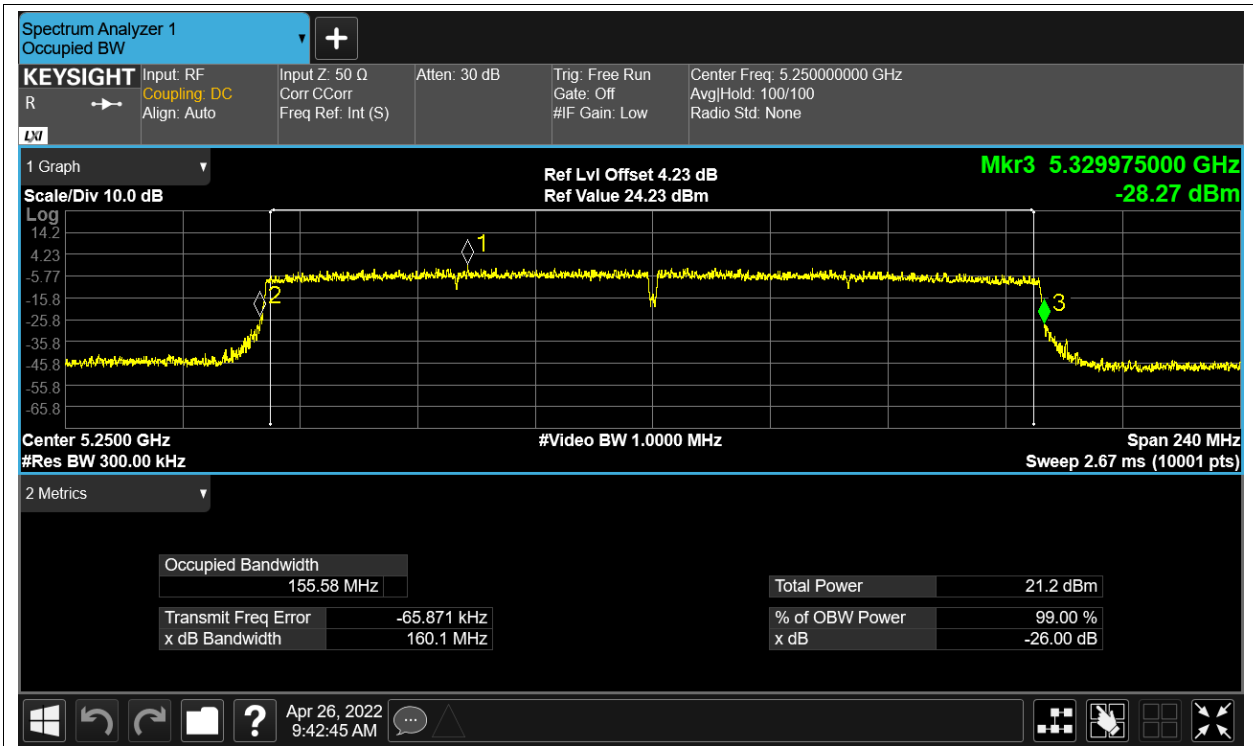
-26dB Bandwidth NVNT ac160 5250MHz Ant1



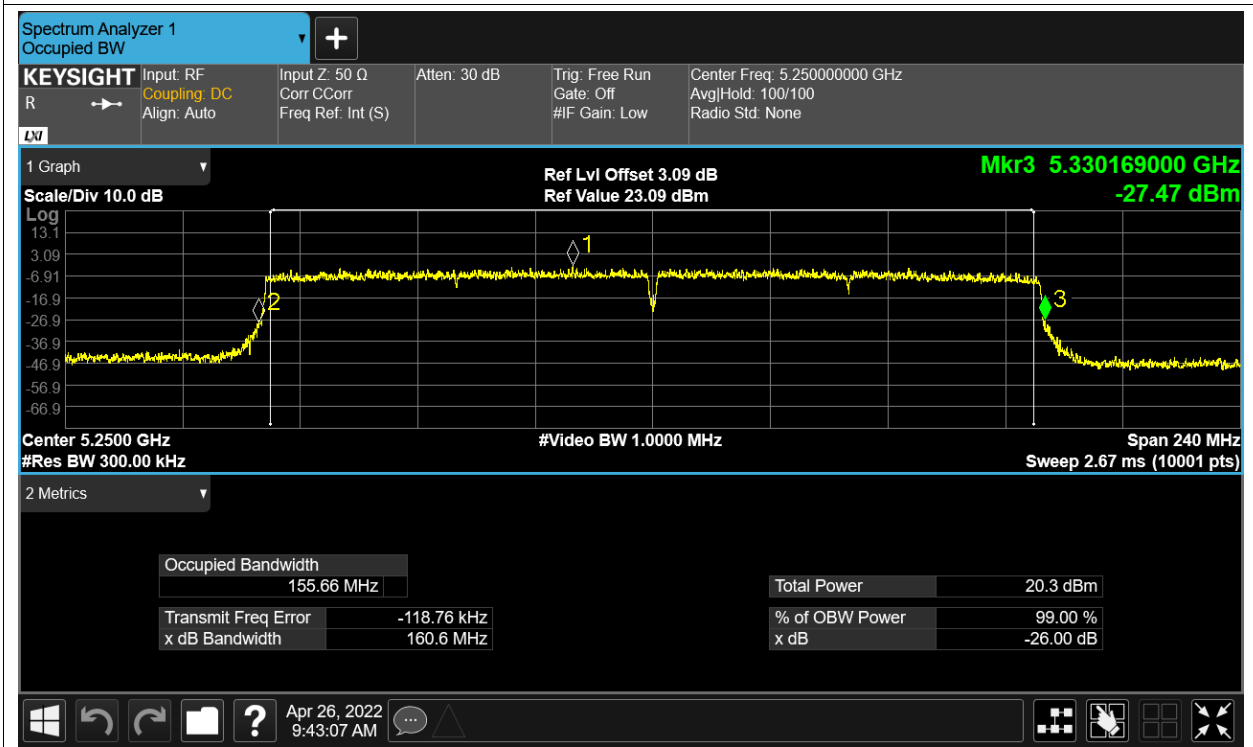
-26dB Bandwidth NVNT ac160 5250MHz Ant2



-26dB Bandwidth NVNT ax160 5250MHz Ant1



-26dB Bandwidth NVNT ax160 5250MHz Ant2

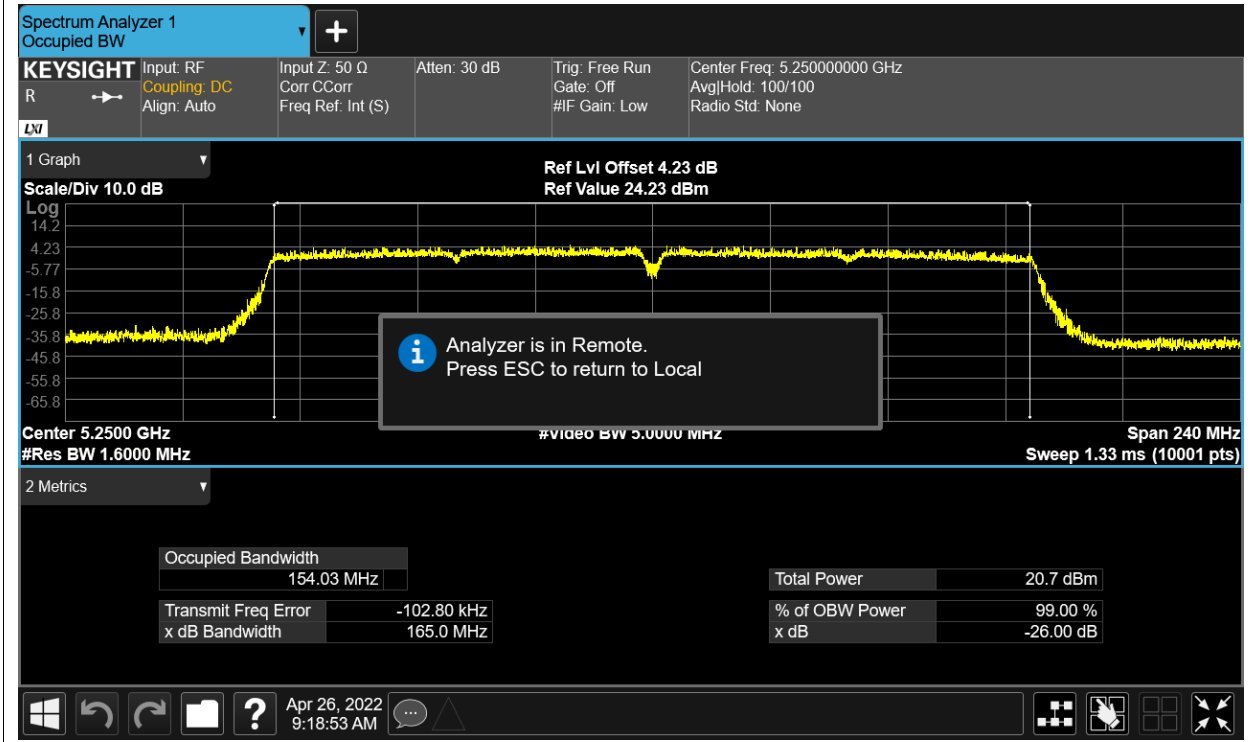


## Occupied Channel Bandwidth

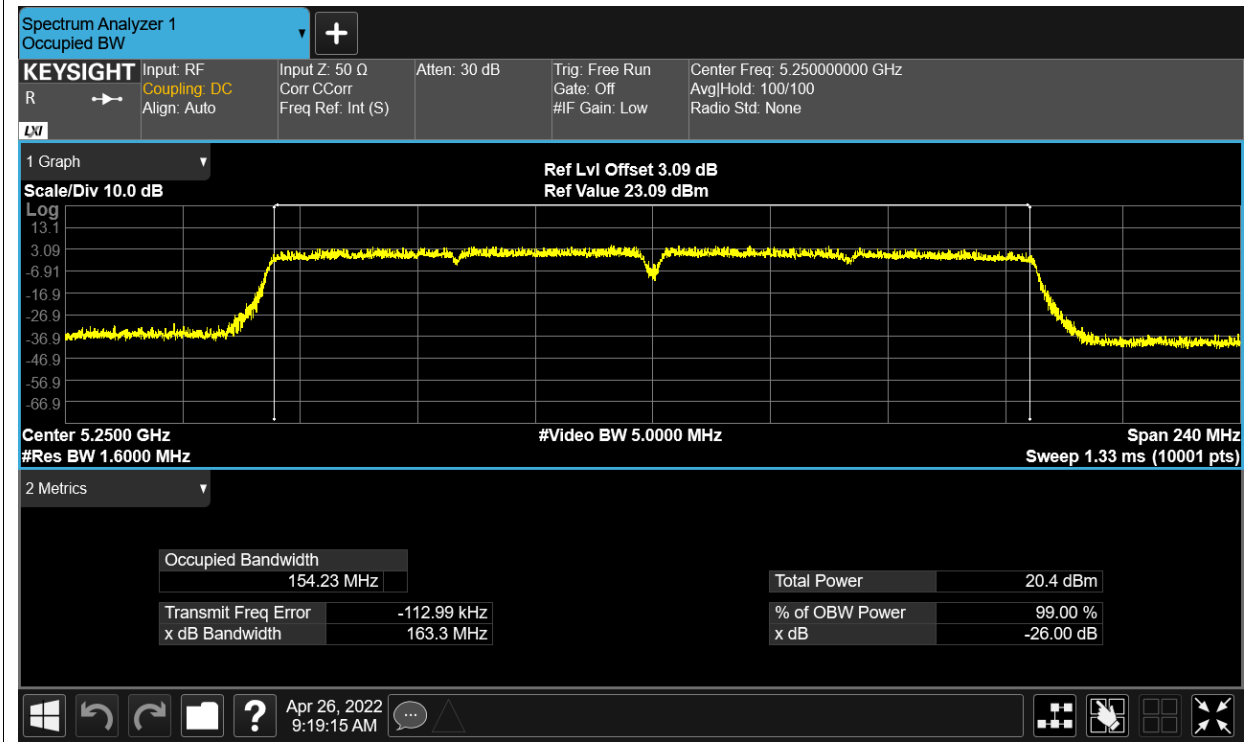
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac160	5250	Ant1	154.0257586
NVNT	ac160	5250	Ant2	154.2275814
NVNT	ax160	5250	Ant1	155.5732015
NVNT	ax160	5250	Ant2	155.8221881

Test Graphs

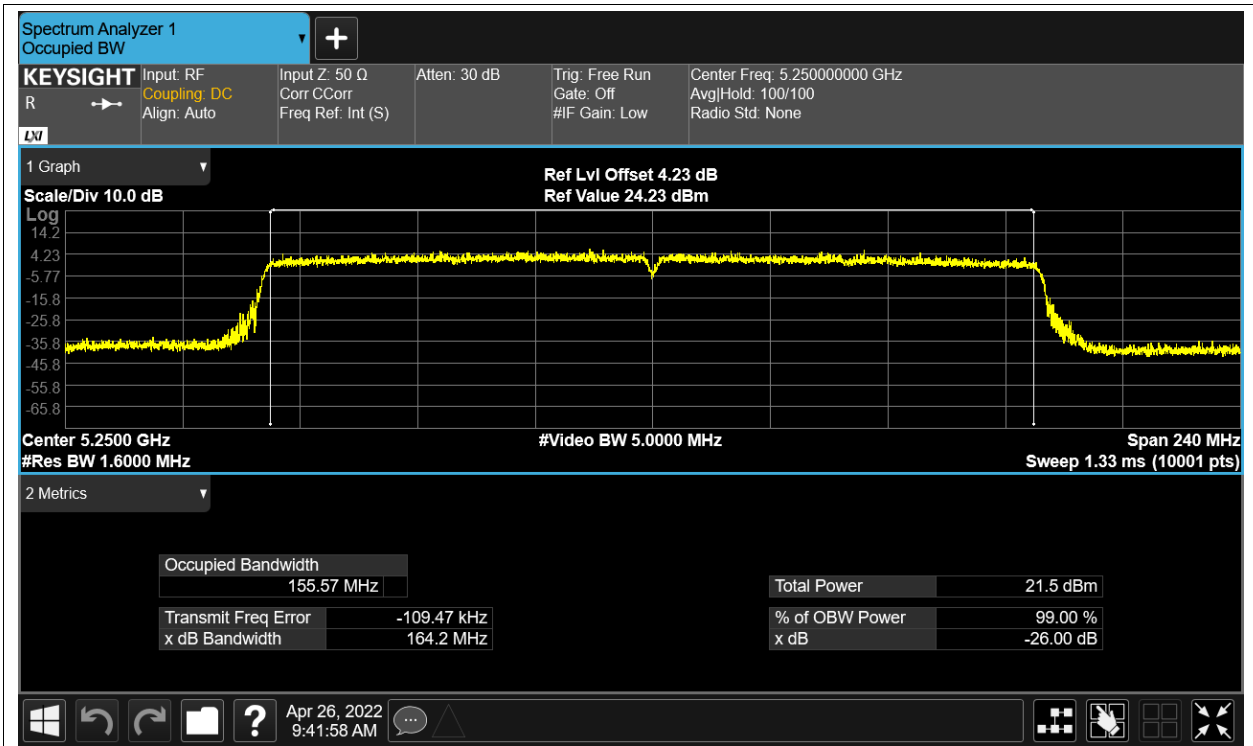
OBW NVNT ac160 5250MHz Ant1



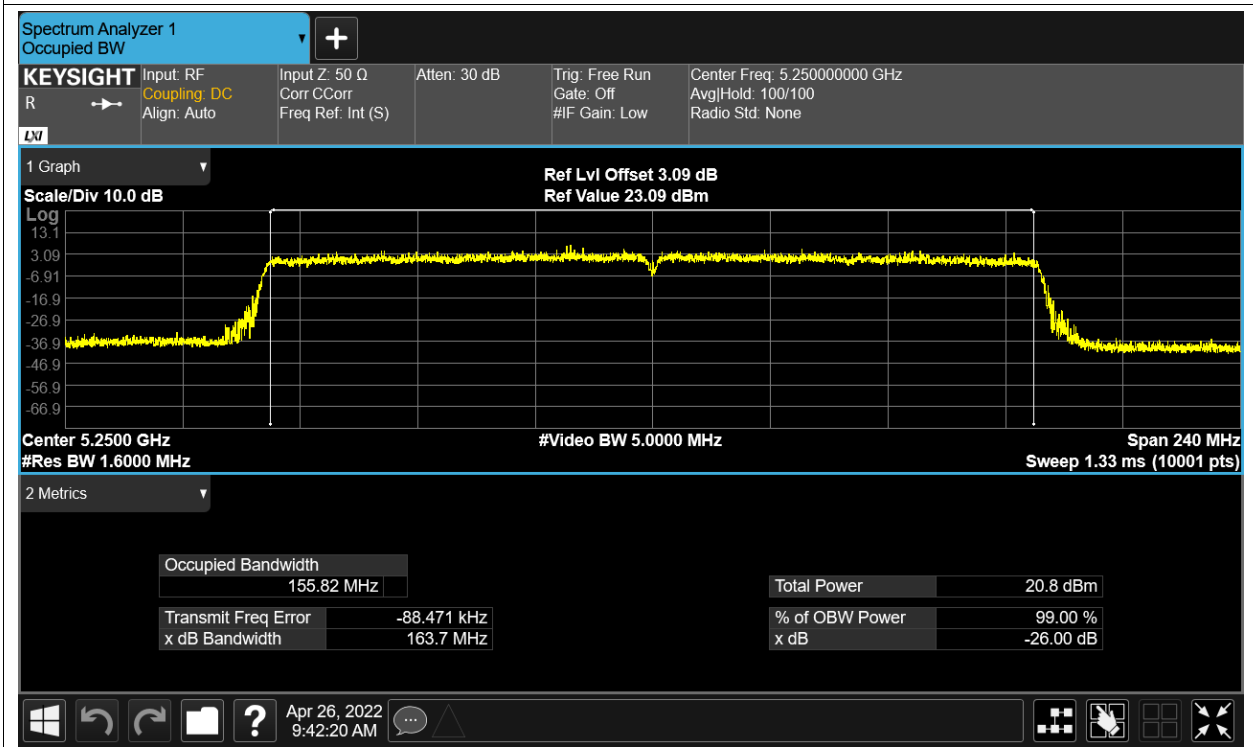
OBW NVNT ac160 5250MHz Ant2



OBW NVNT ax160 5250MHz Ant1



OBW NVNT ax160 5250MHz Ant2



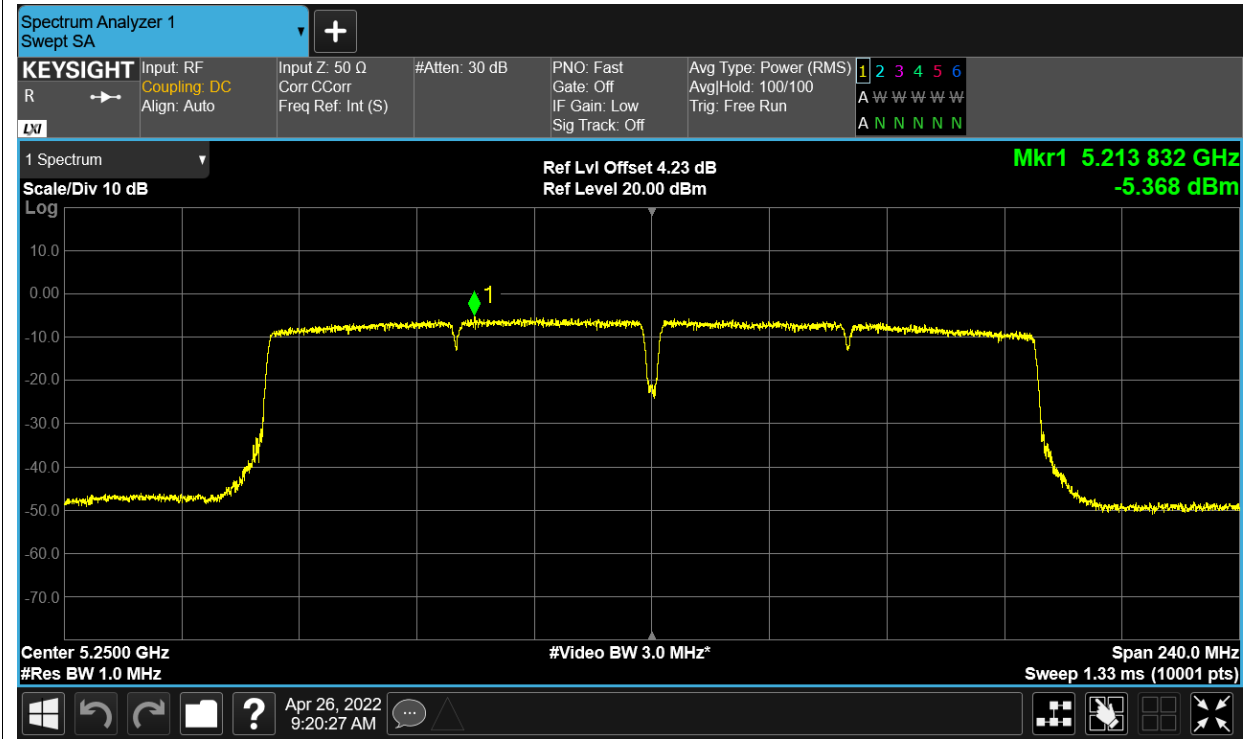
## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5250	Ant1	-5.368	11	Pass
NVNT	ac160	5250	Ant2	-6.111	11	Pass
NVNT	ac160	5250	Sum	-2.713	11	Pass
NVNT	ax160	5250	Ant1	-5.052	11	Pass
NVNT	ax160	5250	Ant2	-6.008	11	Pass
NVNT	ax160	5250	Sum	-2.493	11	Pass

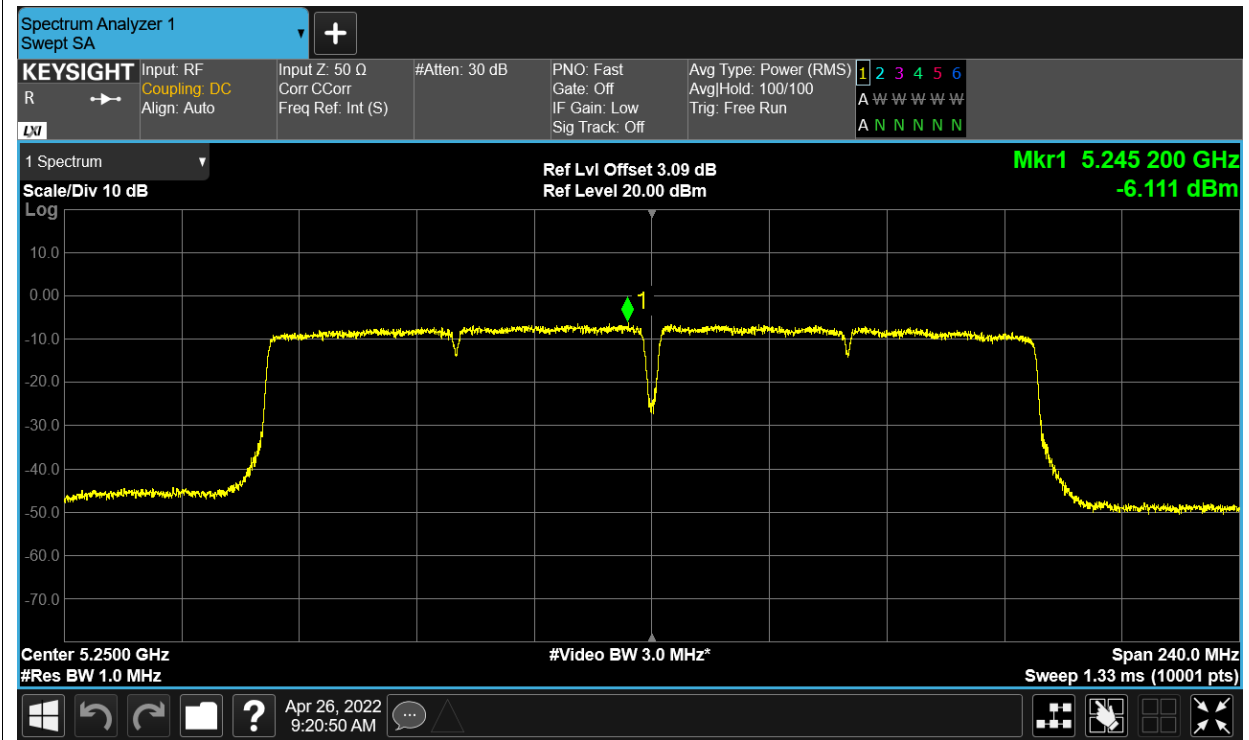


Test Graphs

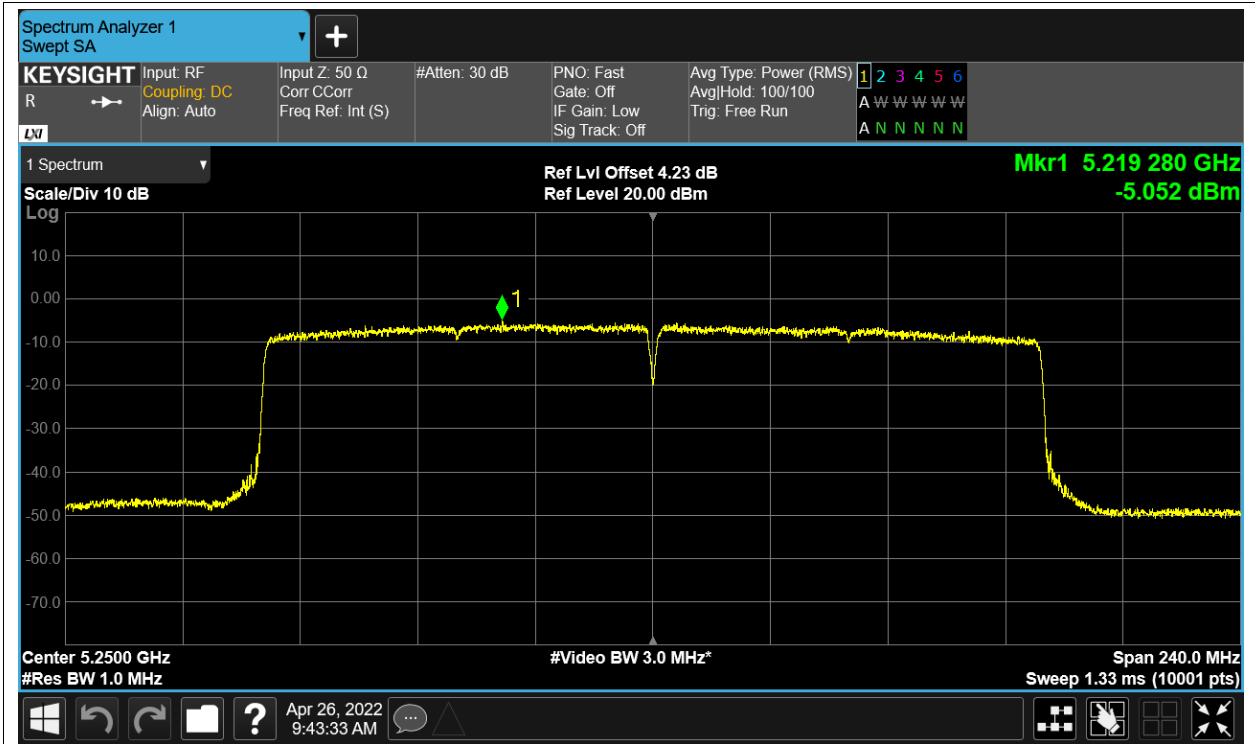
PSD NVNT ac160 5250MHz Ant1



PSD NVNT ac160 5250MHz Ant2



PSD NVNT ax160 5250MHz Ant1



PSD NVNT ax160 5250MHz Ant2

