

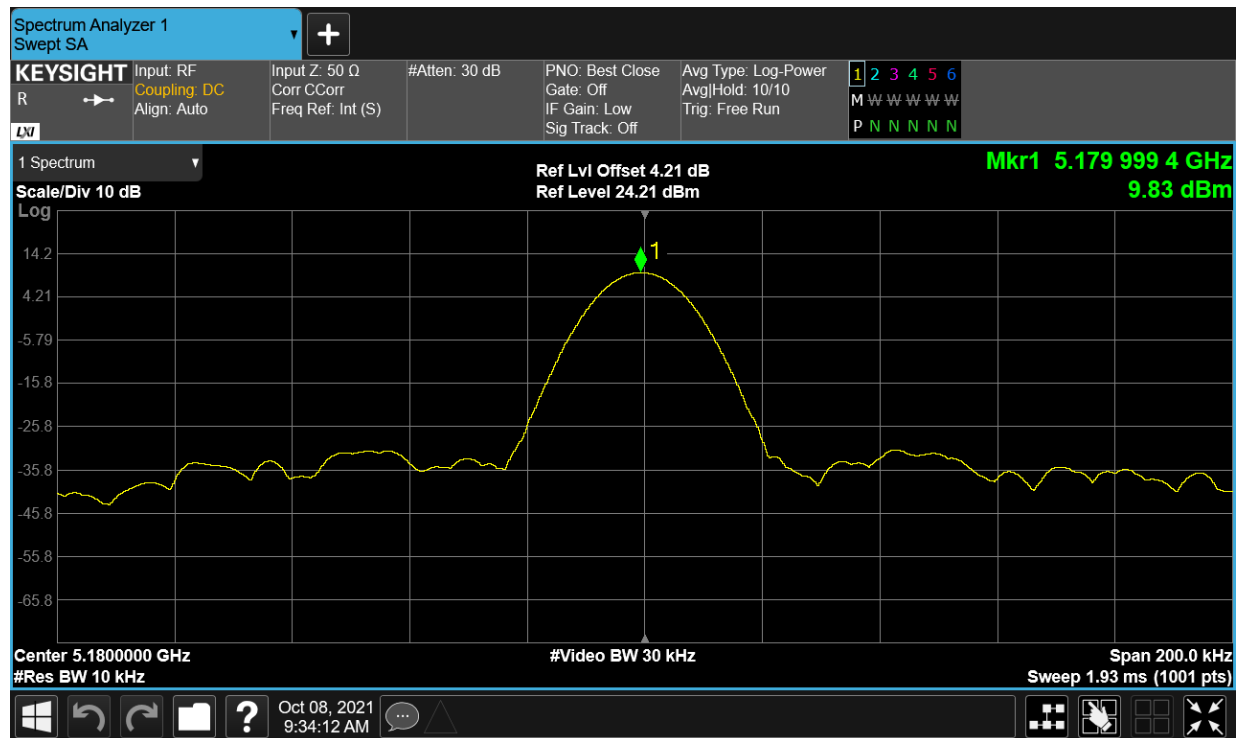
Test Data

Frequency Stability

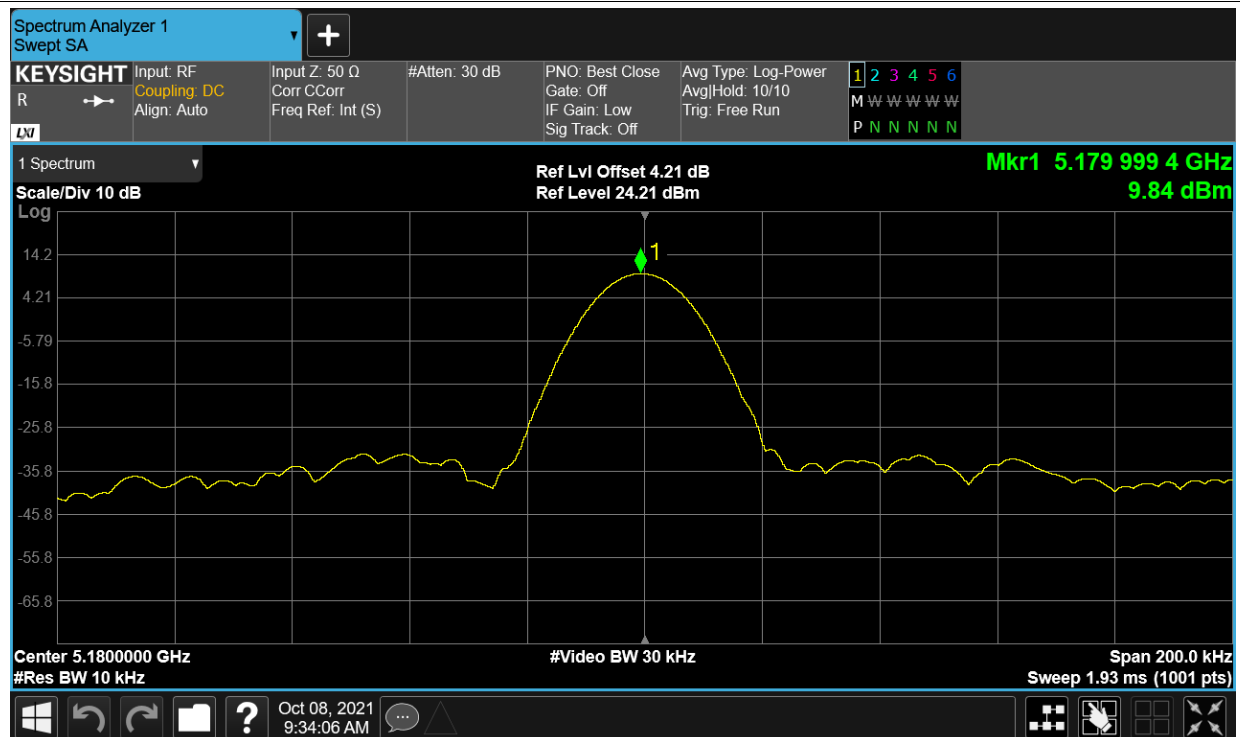
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5180	Ant1	5179.9994	-0.12	25	Pass
HVLT	a	5180	Ant1	5179.9994	-0.12	25	Pass
LVHT	a	5180	Ant1	5179.9994	-0.12	25	Pass
LVLT	a	5180	Ant1	5179.9994	-0.12	25	Pass
NVNT	a	5180	Ant1	5179.9994	-0.12	25	Pass
HVHT	n40	5190	Ant1	5189.9994	-0.12	25	Pass
HVLT	n40	5190	Ant1	5189.9994	-0.12	25	Pass
LVHT	n40	5190	Ant1	5189.9994	-0.12	25	Pass
LVLT	n40	5190	Ant1	5189.9994	-0.12	25	Pass
NVNT	n40	5190	Ant1	5189.9994	-0.12	25	Pass

Test Graphs

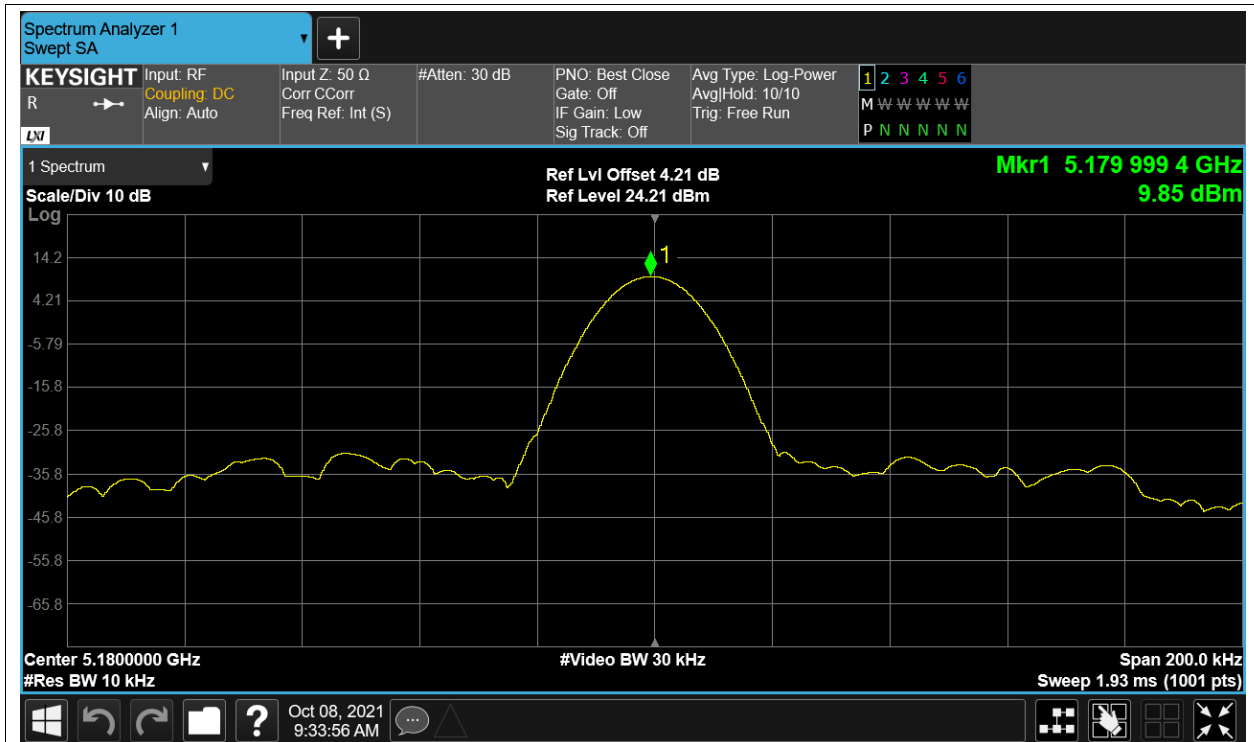
Freq. Stability HVHT a 5180MHz Ant1



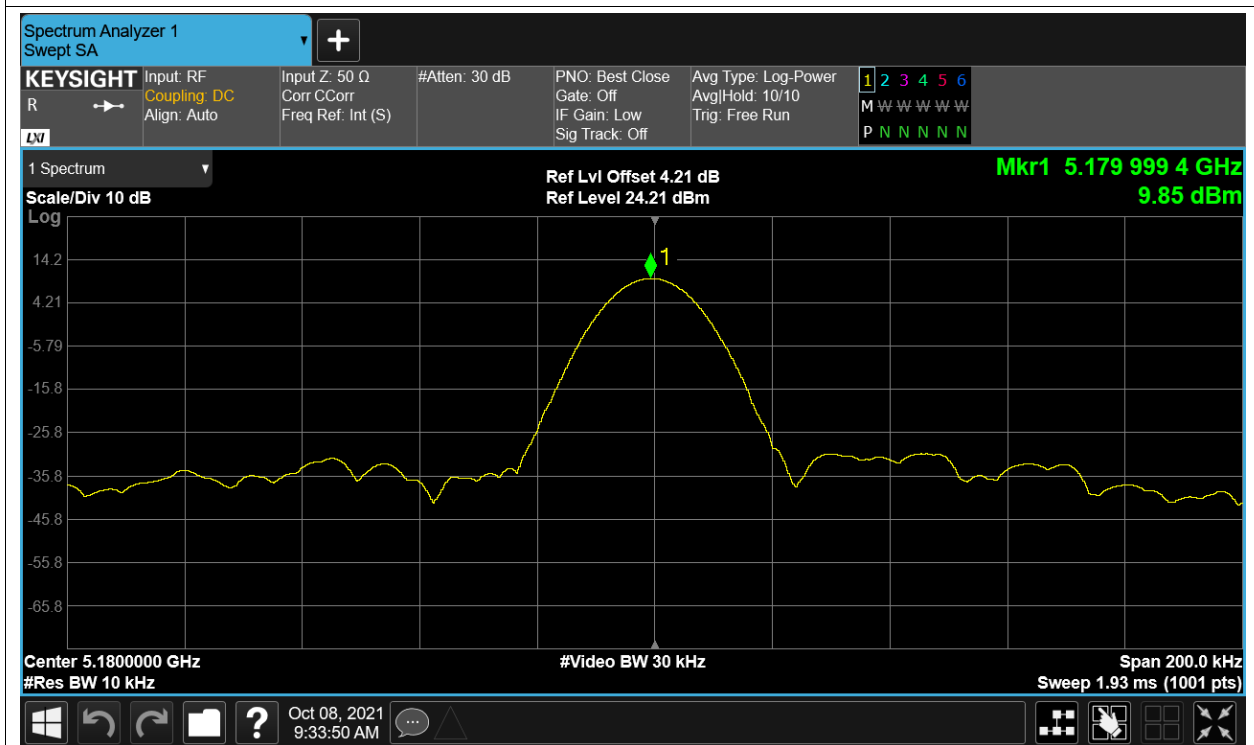
Freq. Stability HVLT a 5180MHz Ant1



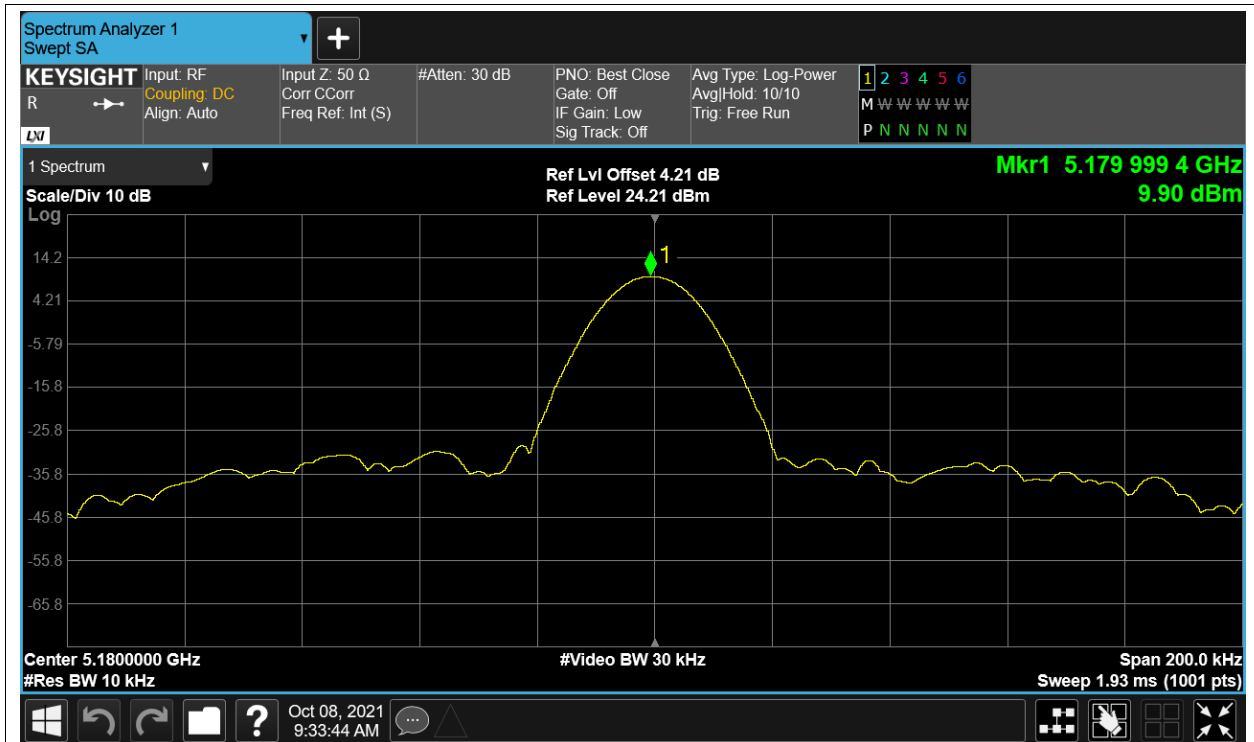
Freq. Stability LVHT a 5180MHz Ant1



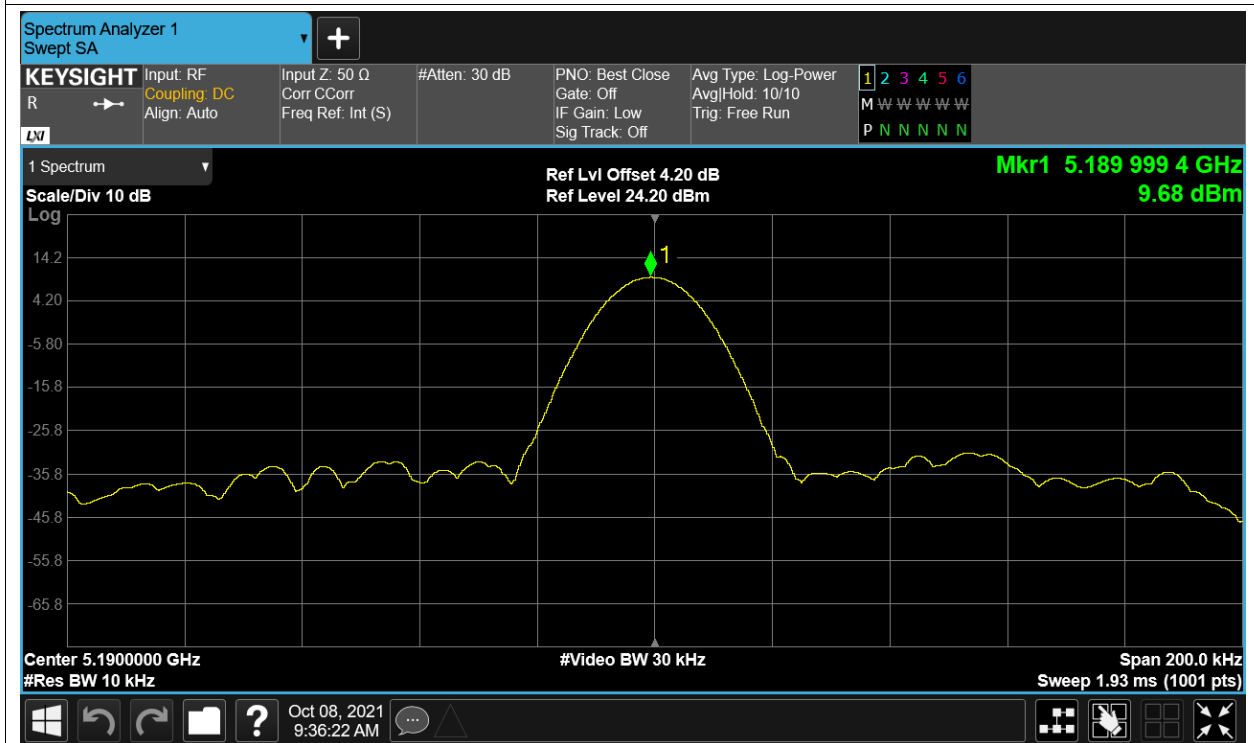
Freq. Stability LVLT a 5180MHz Ant1



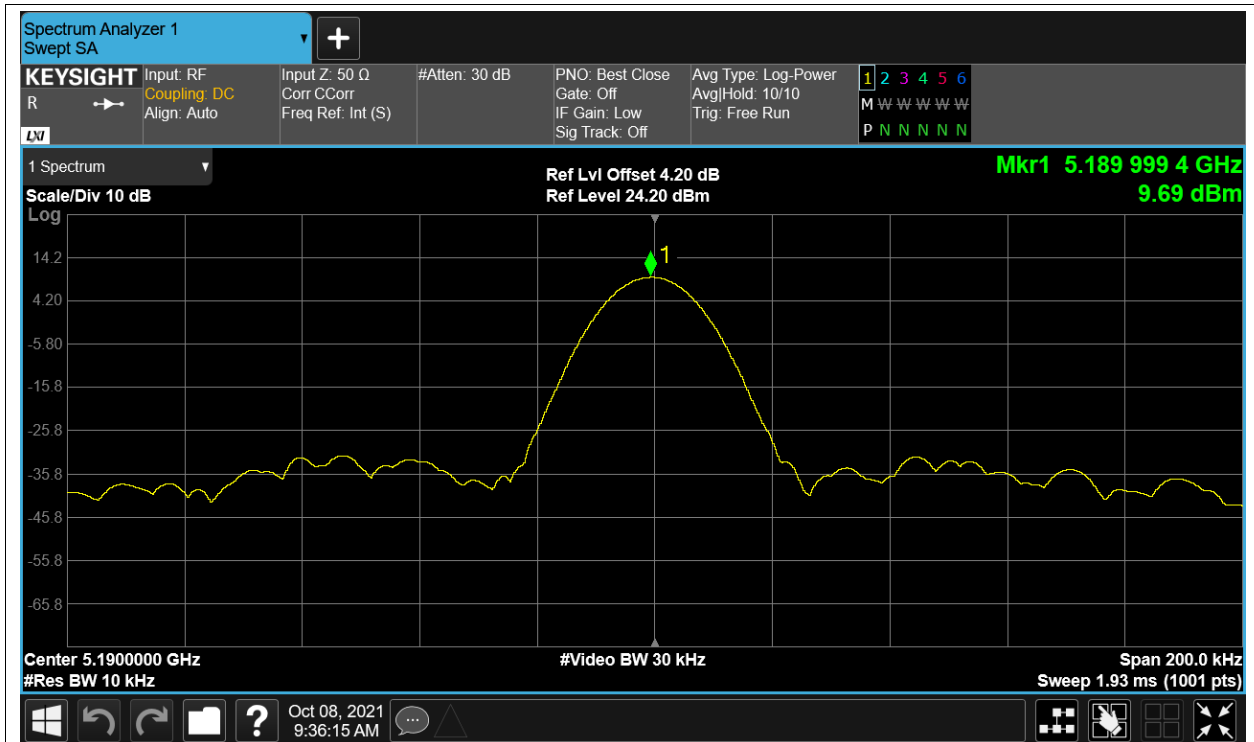
Freq. Stability NVNT a 5180MHz Ant1



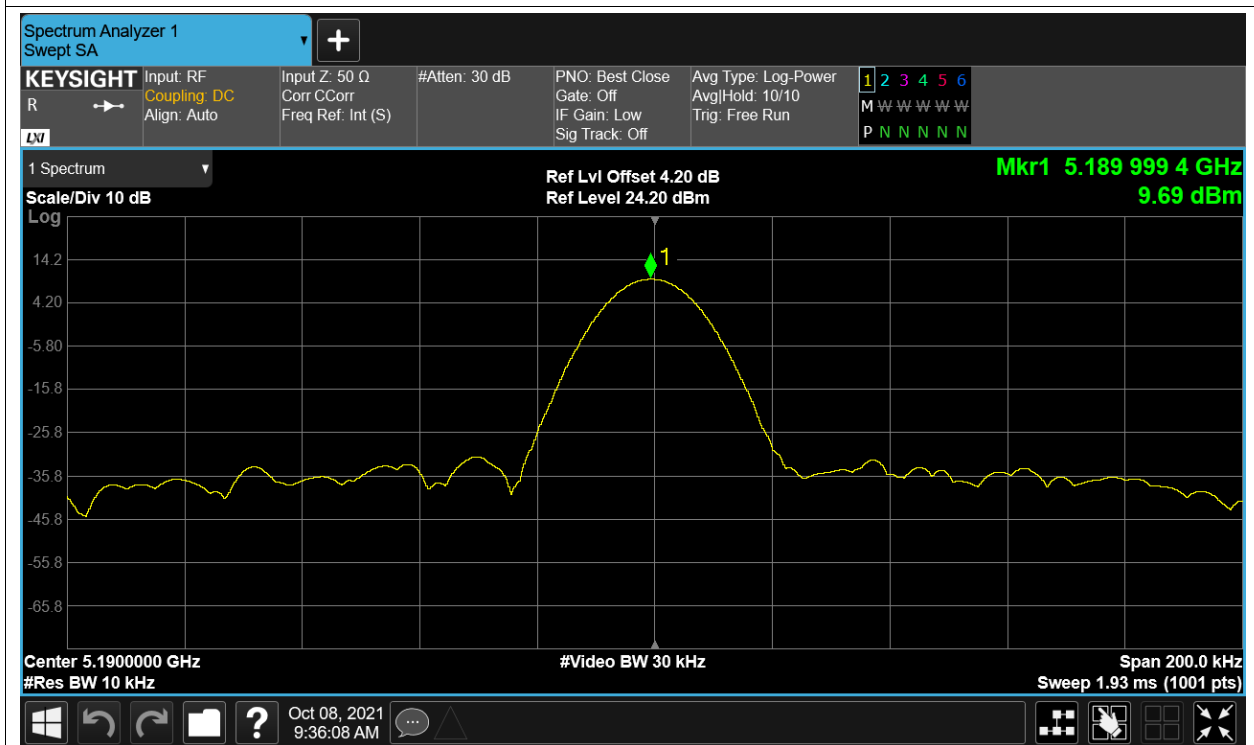
Freq. Stability HVHT n40 5190MHz Ant1



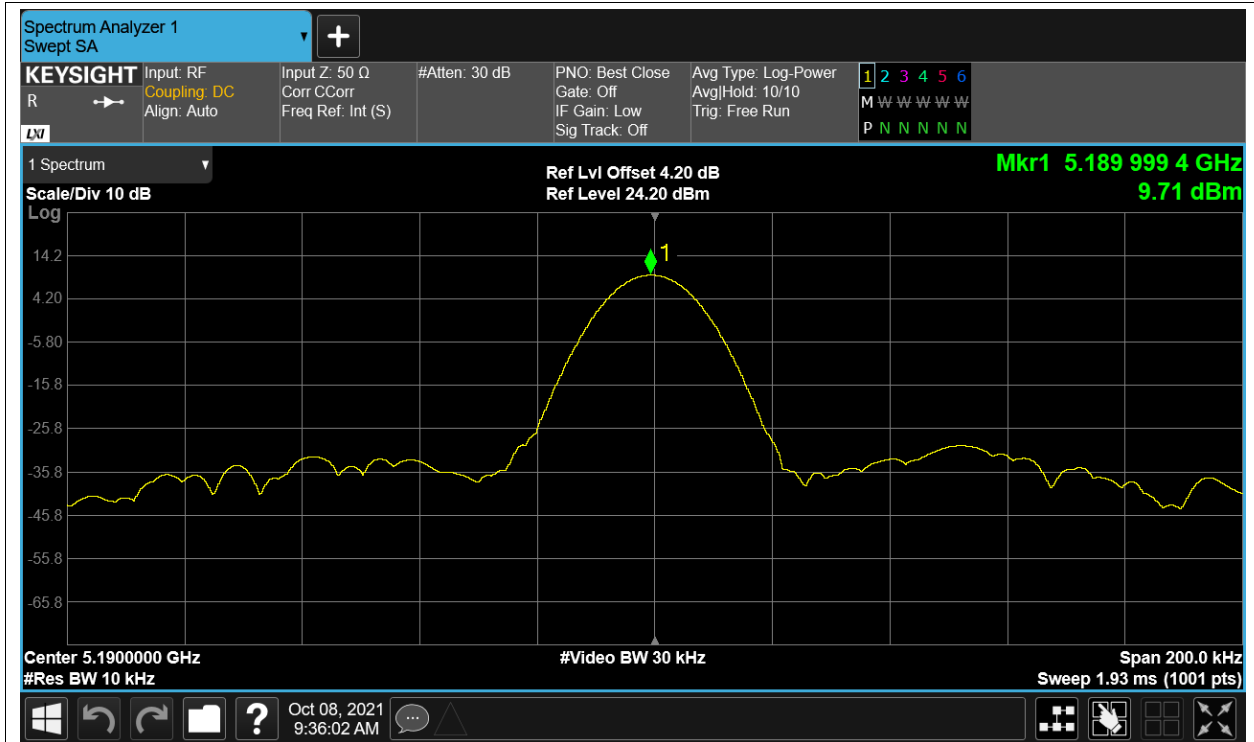
Freq. Stability HVLT n40 5190MHz Ant1



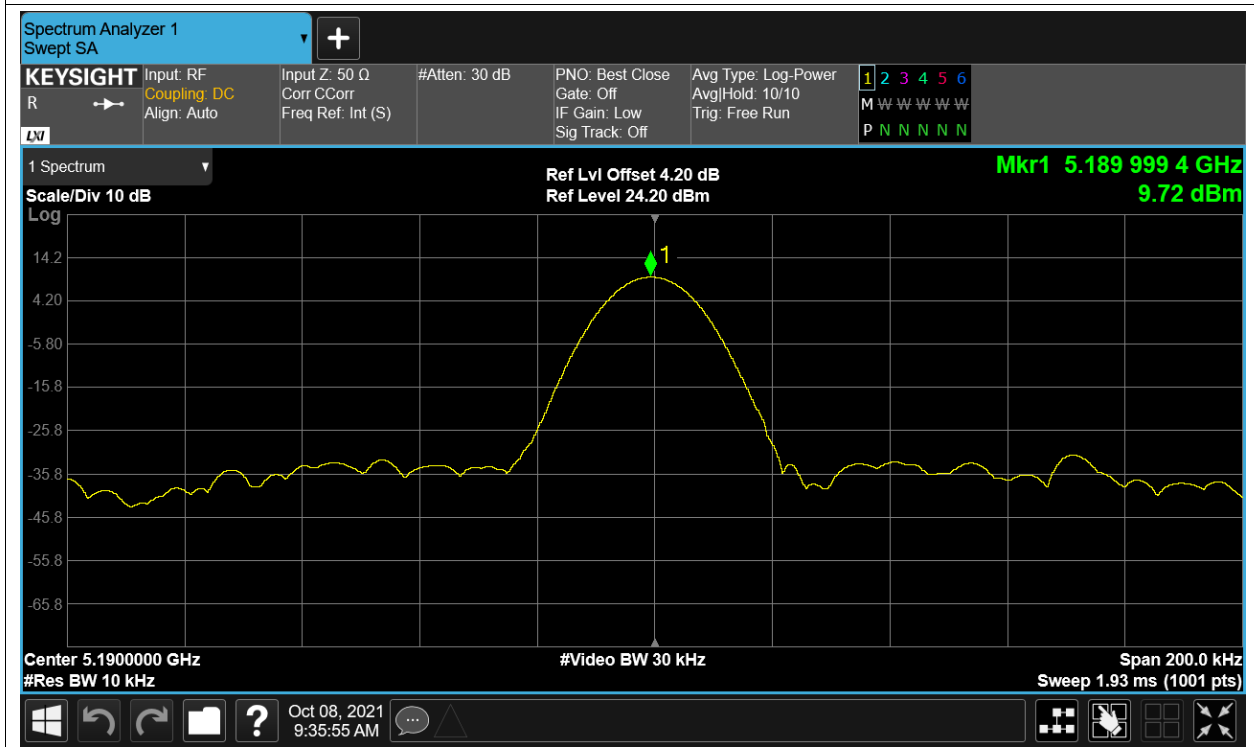
Freq. Stability LVHT n40 5190MHz Ant1



Freq. Stability LVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

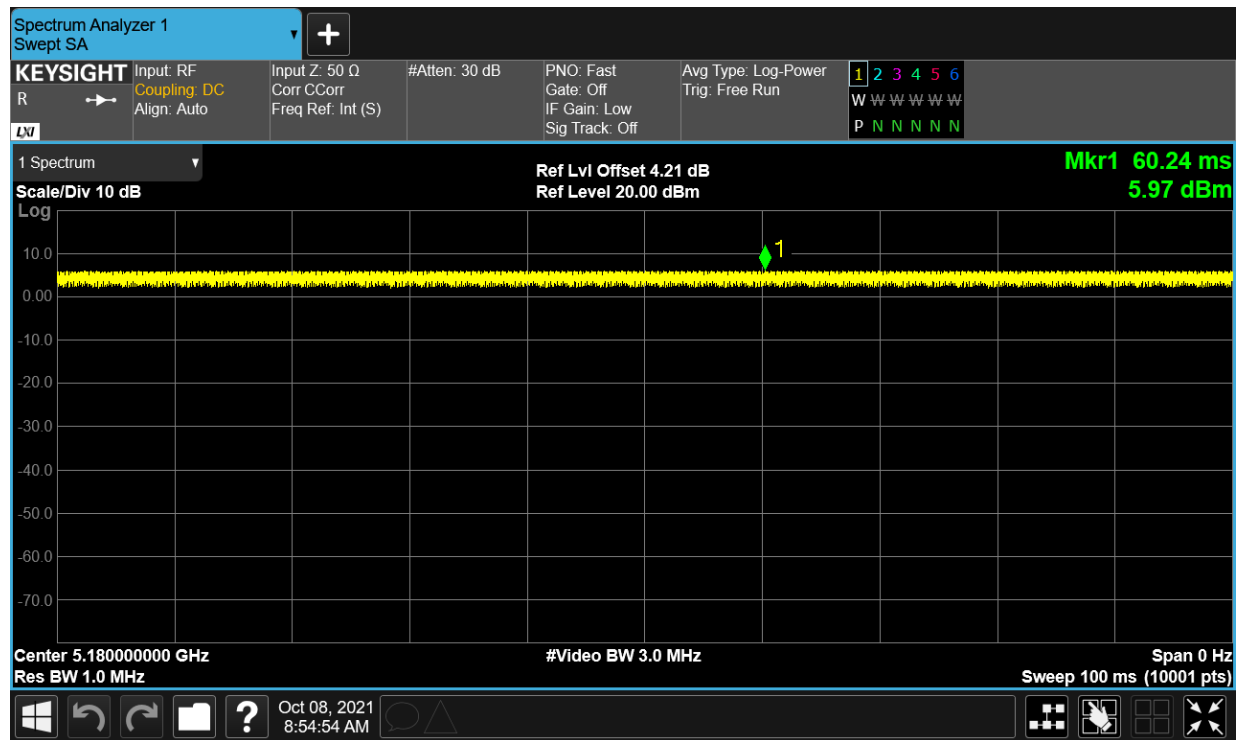


Duty Cycle

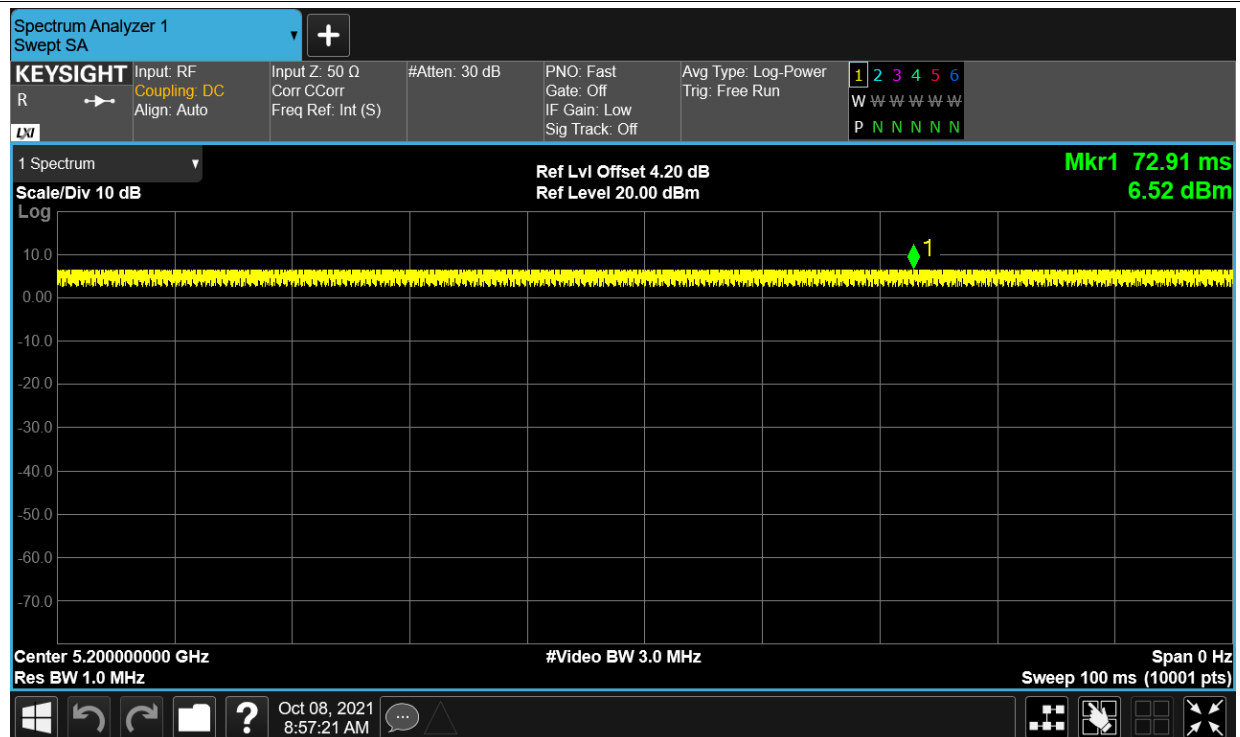
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	n20	5180	Ant1	100	0
NVNT	n20	5200	Ant1	100	0
NVNT	n20	5240	Ant1	100	0
NVNT	n40	5190	Ant1	100	0
NVNT	n40	5230	Ant1	100	0

Test Graphs

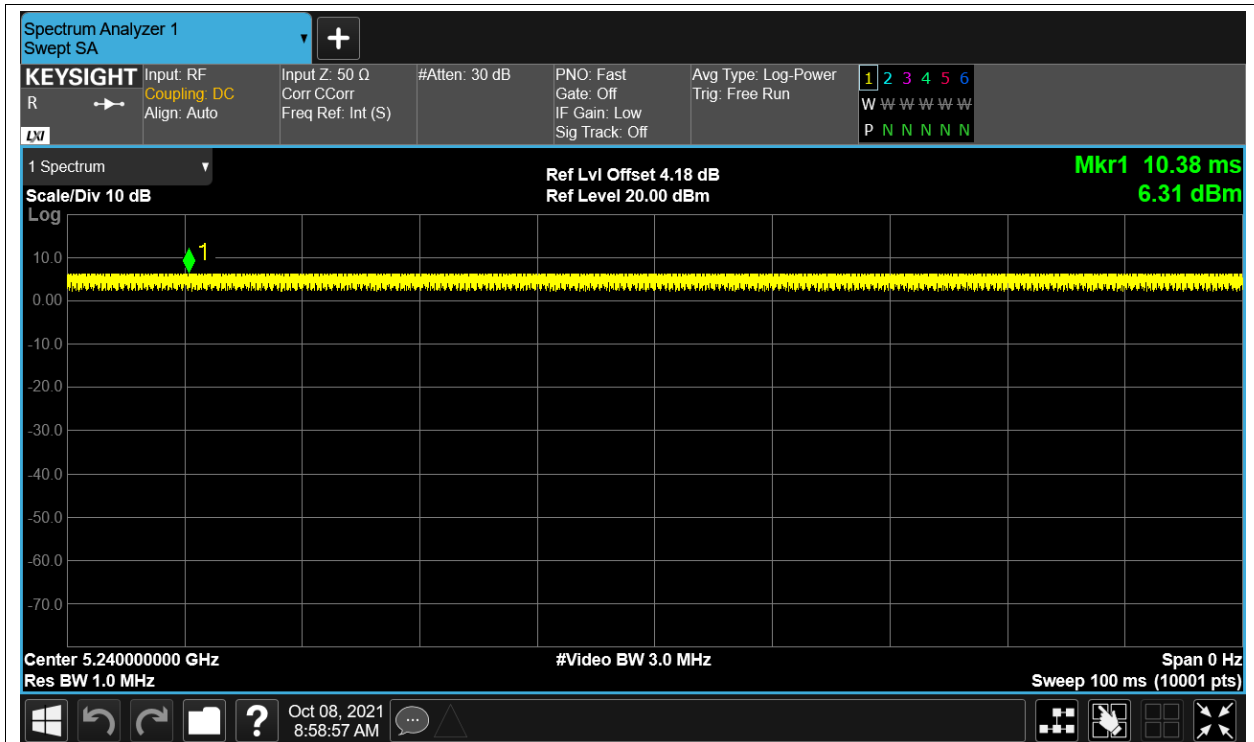
Duty Cycle NVNT a 5180MHz Ant1



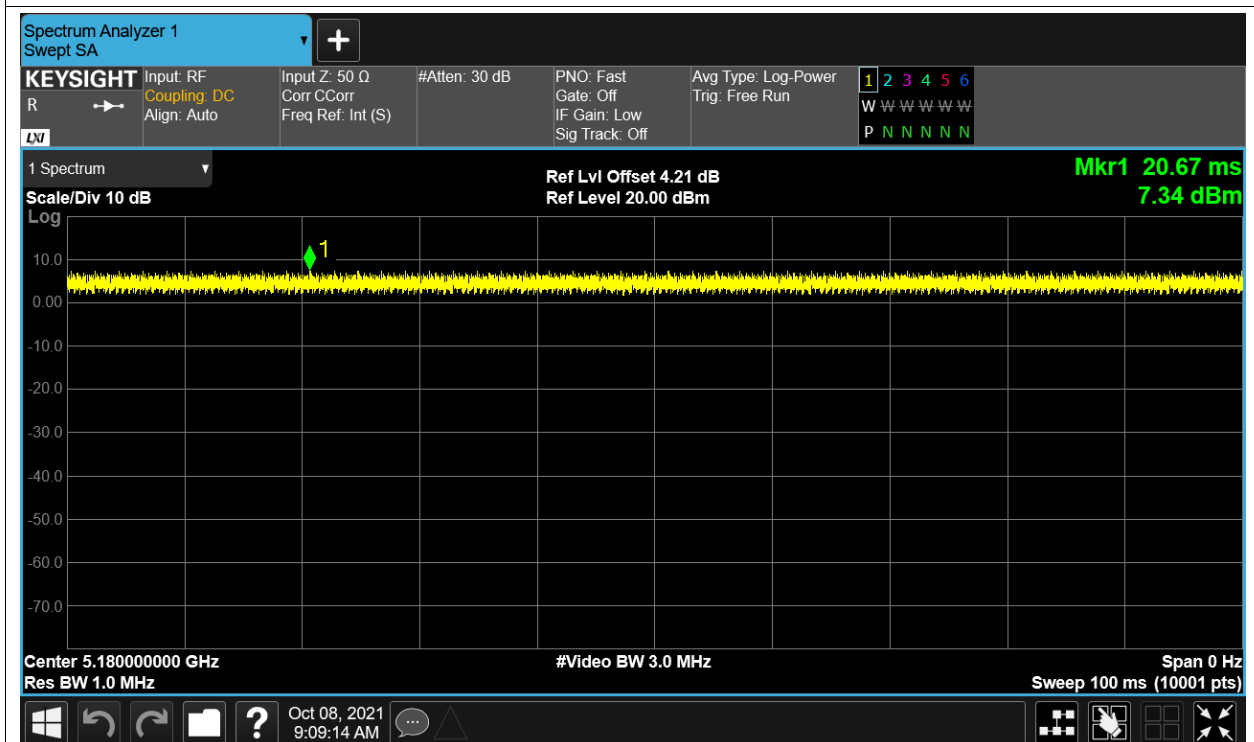
Duty Cycle NVNT a 5200MHz Ant1



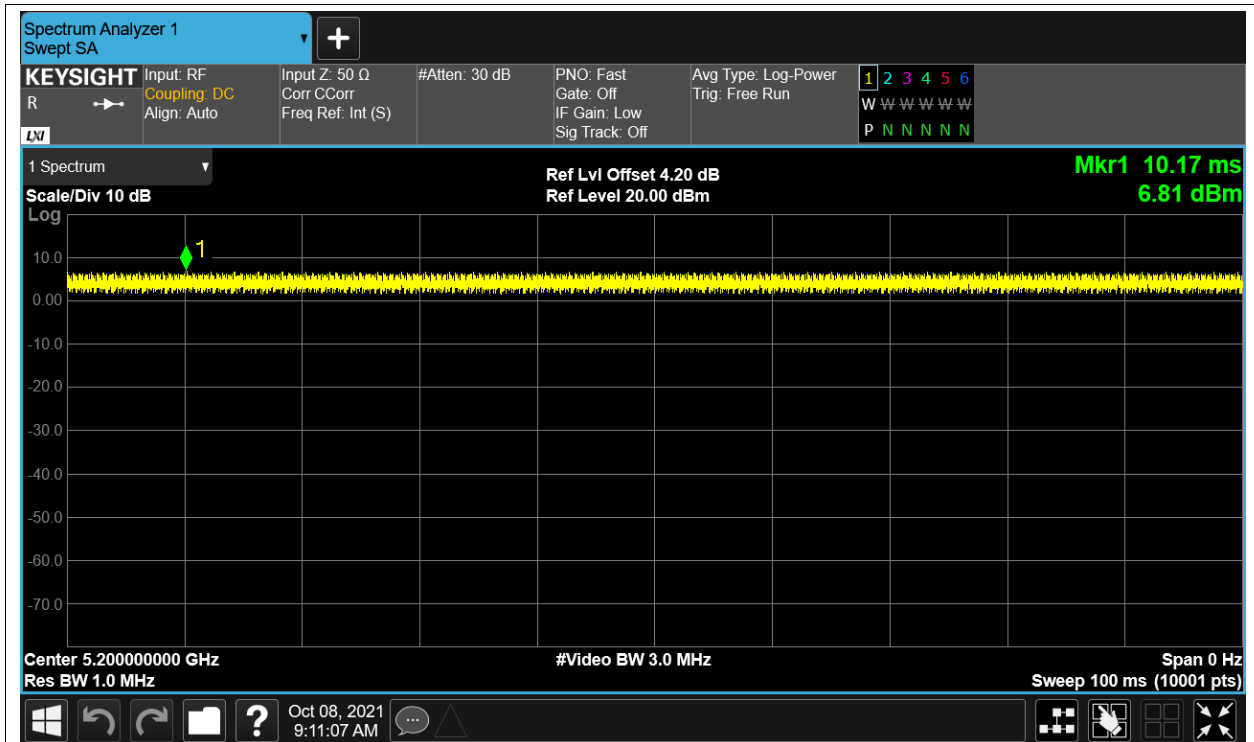
Duty Cycle NVNT a 5240MHz Ant1



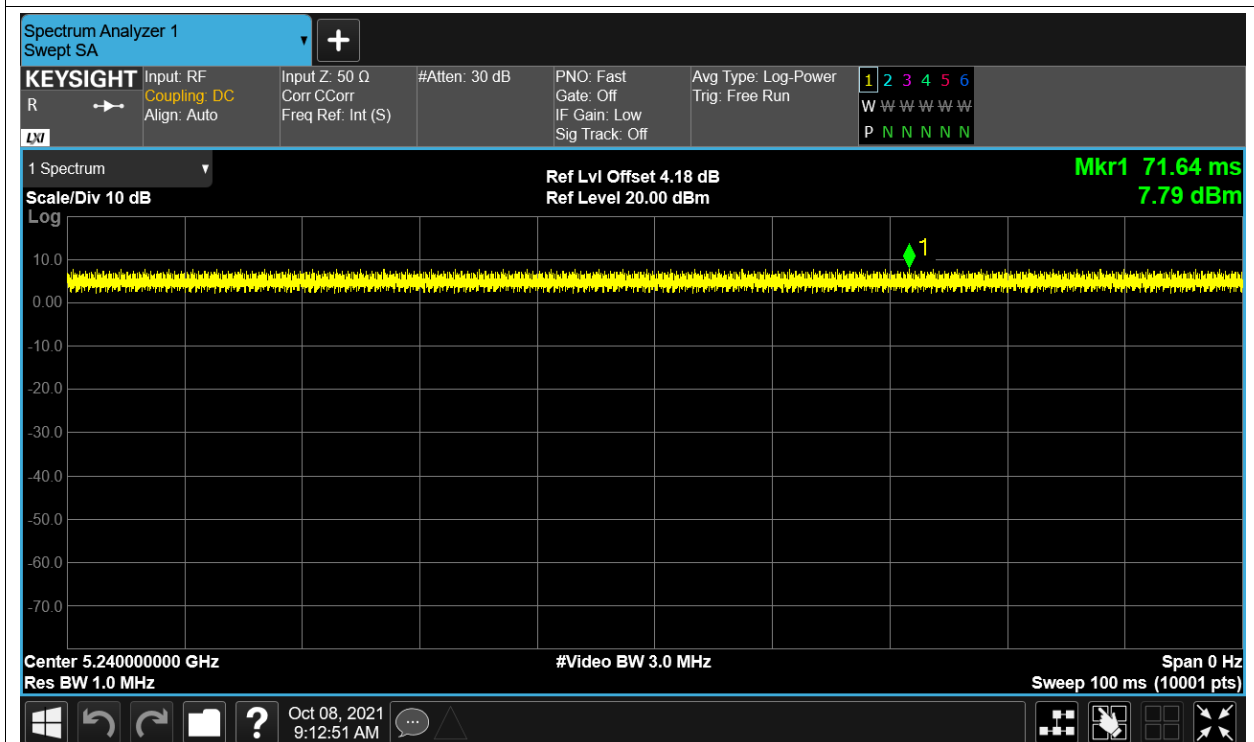
Duty Cycle NVNT ac20 5180MHz Ant1



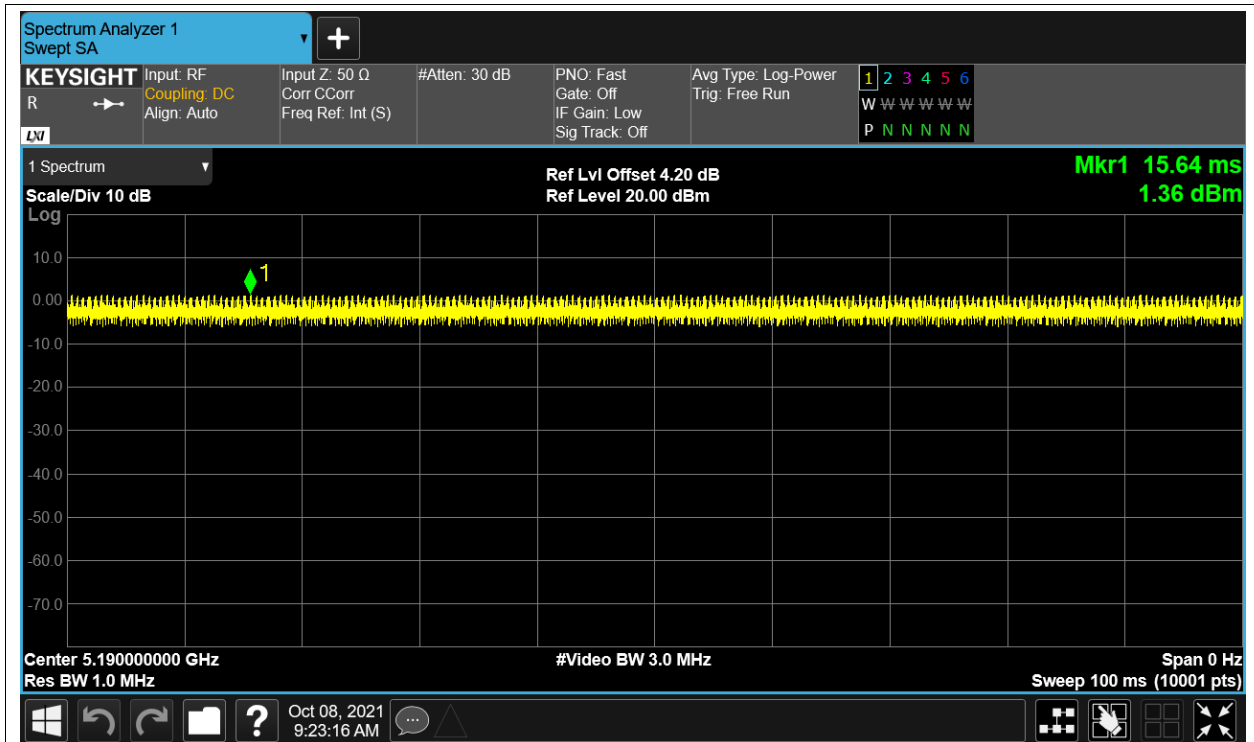
Duty Cycle NVNT ac20 5200MHz Ant1



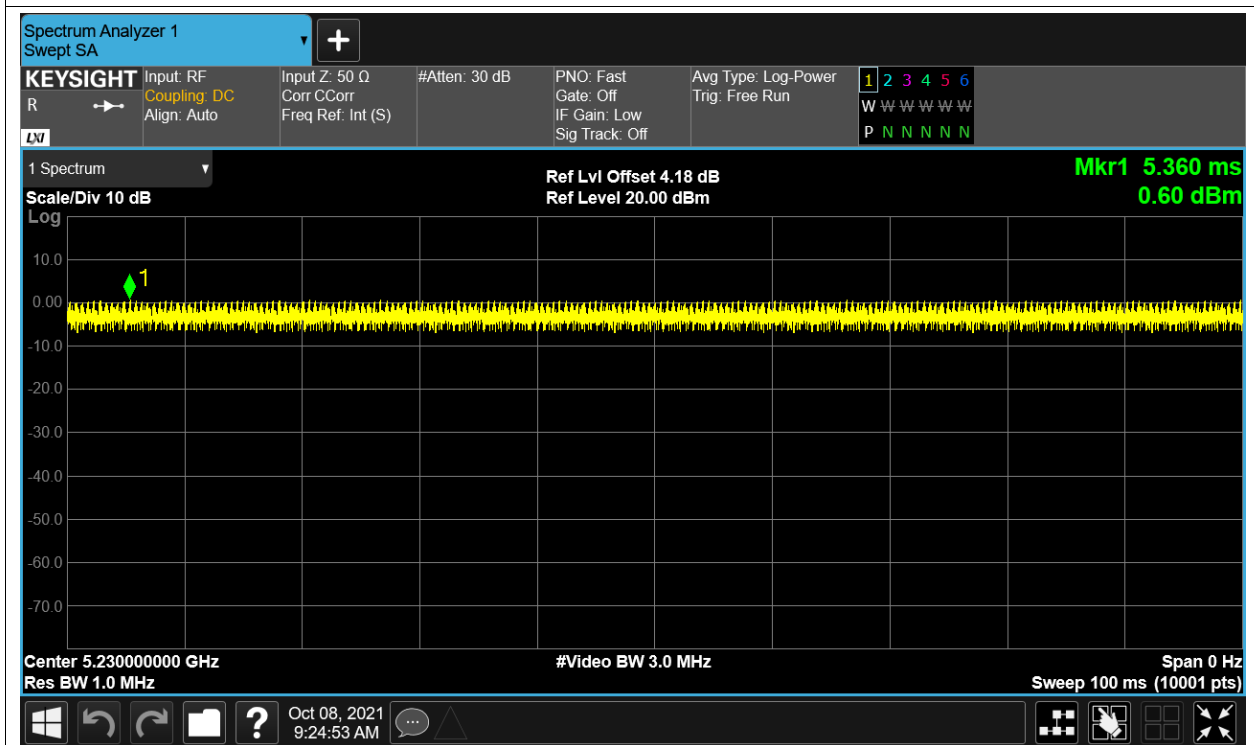
Duty Cycle NVNT ac20 5240MHz Ant1



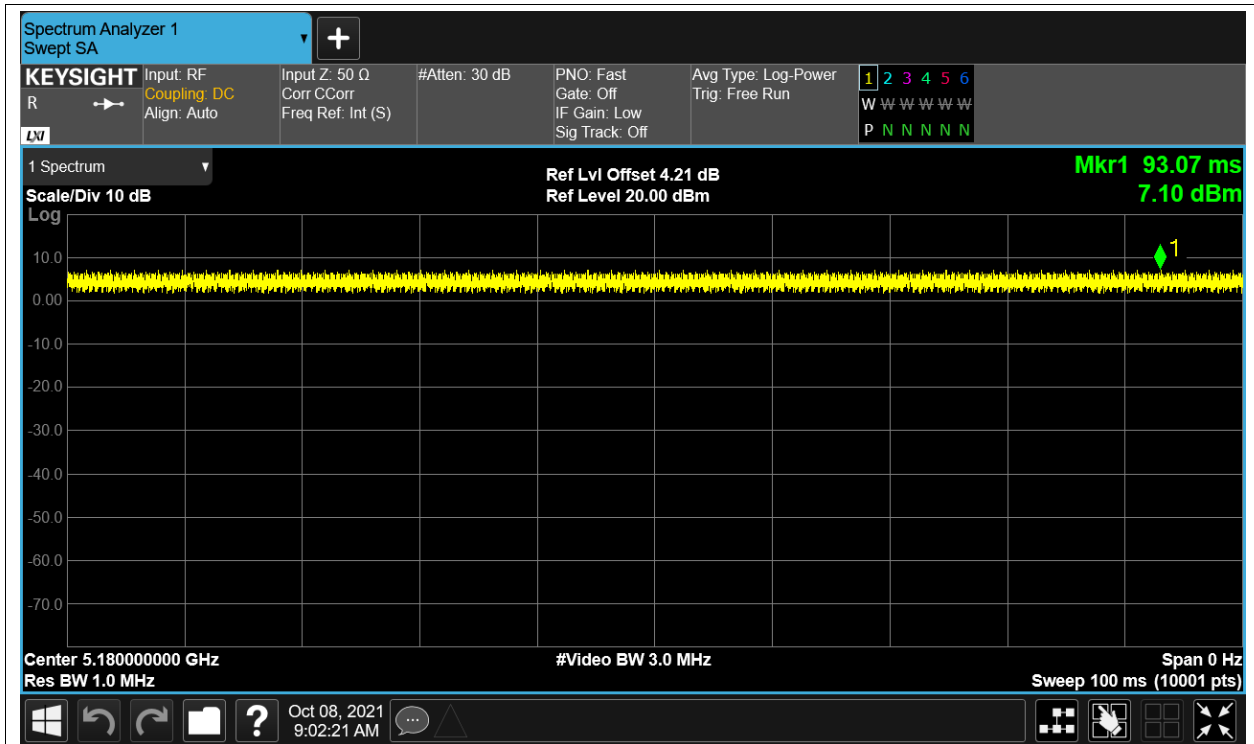
Duty Cycle NVNT ac40 5190MHz Ant1



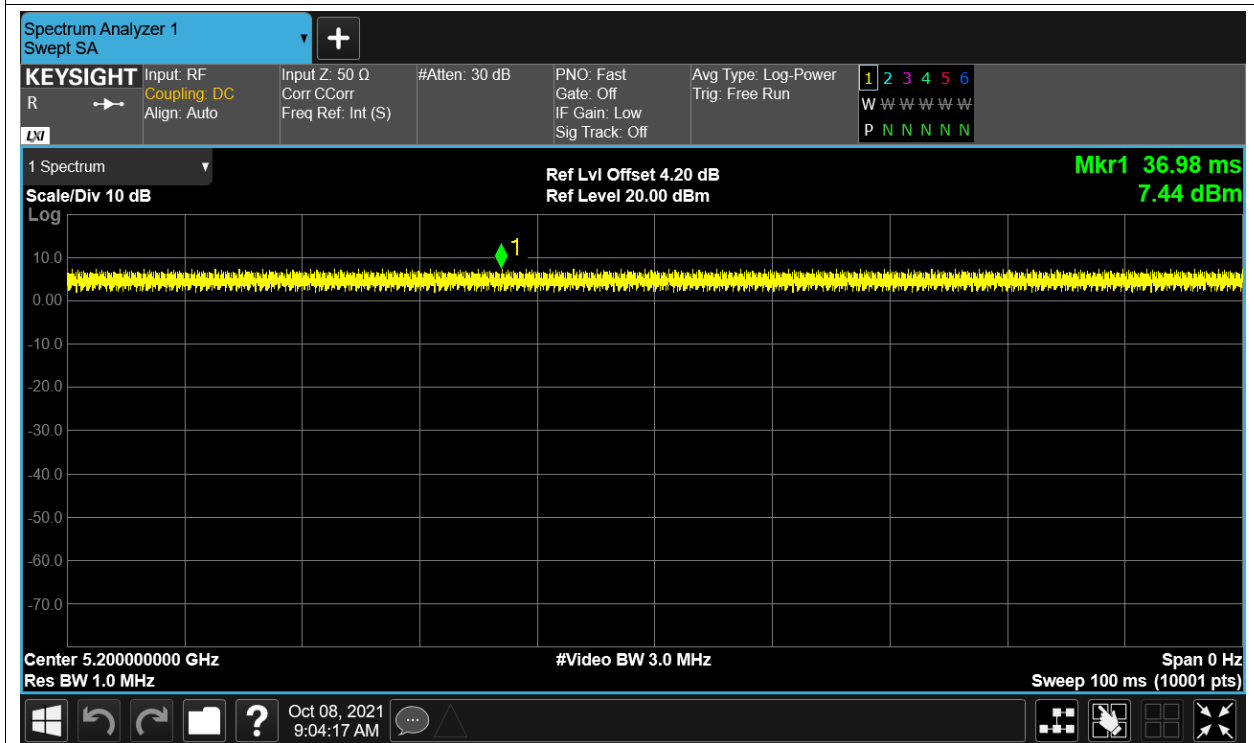
Duty Cycle NVNT ac40 5230MHz Ant1



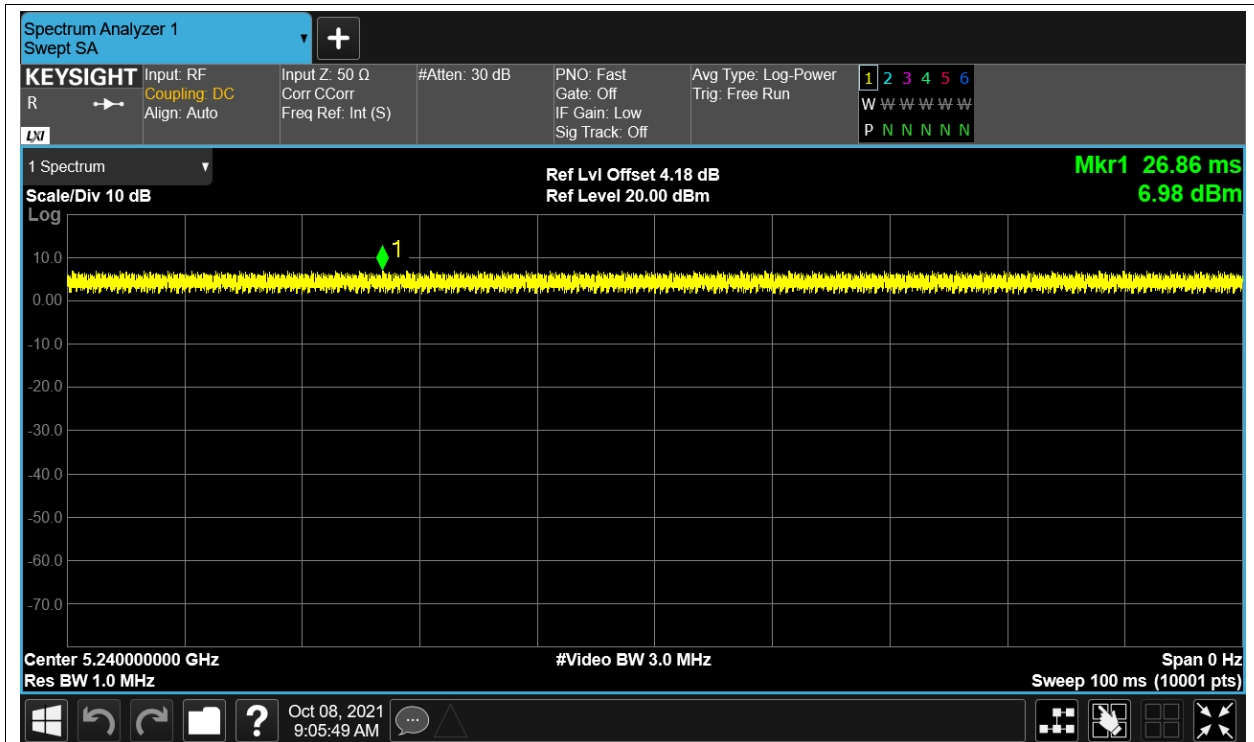
Duty Cycle NVNT n20 5180MHz Ant1



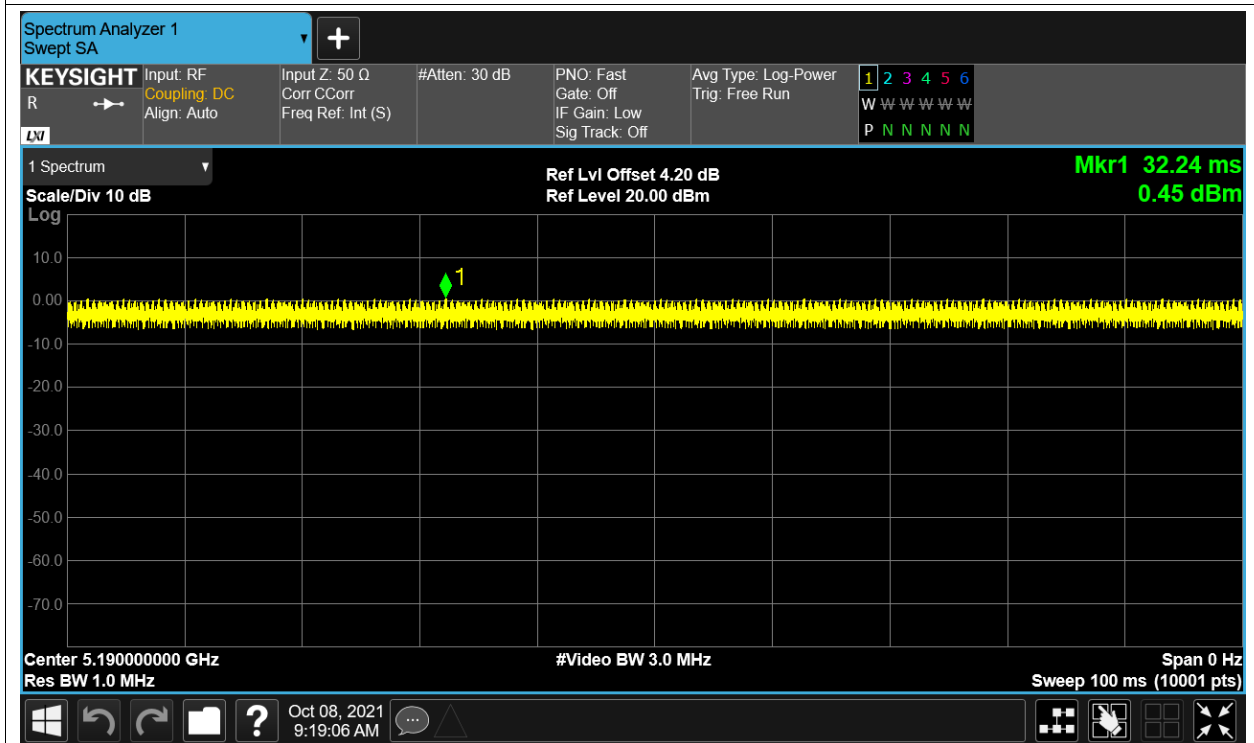
Duty Cycle NVNT n20 5200MHz Ant1



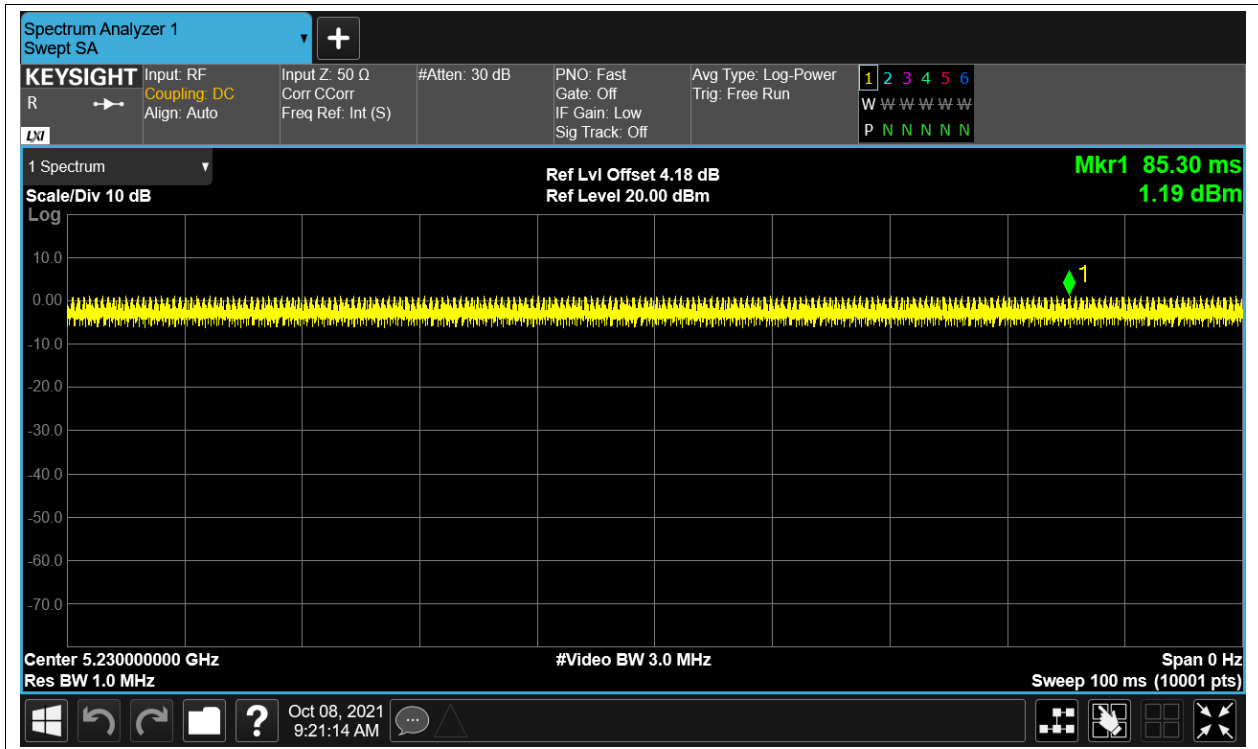
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

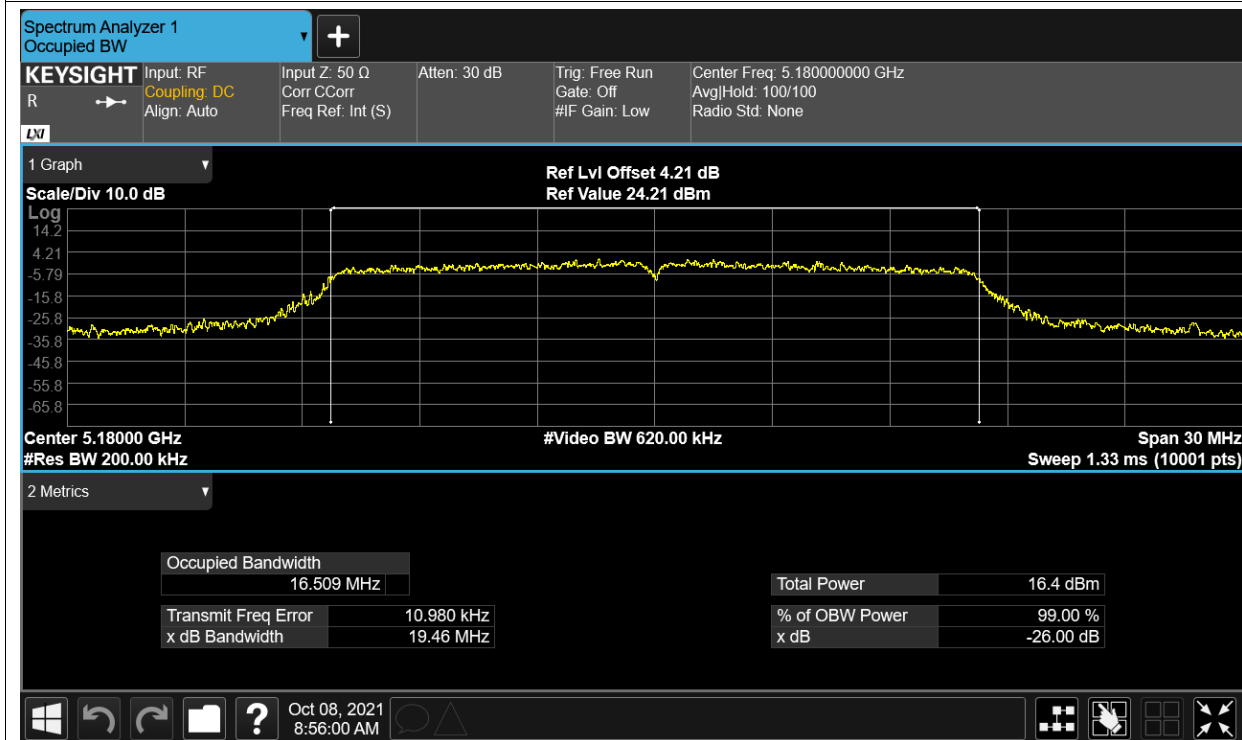
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.86	0	10.86	24	Pass
NVNT	a	5200	Ant1	11.68	0	11.68	24	Pass
NVNT	a	5240	Ant1	11.3	0	11.3	24	Pass
NVNT	ac20	5180	Ant1	11.28	0	11.28	24	Pass
NVNT	ac20	5200	Ant1	11.13	0	11.13	24	Pass
NVNT	ac20	5240	Ant1	11.74	0	11.74	24	Pass
NVNT	ac40	5190	Ant1	11.46	0	11.46	24	Pass
NVNT	ac40	5230	Ant1	11.49	0	11.49	24	Pass
NVNT	n20	5180	Ant1	11.08	0	11.08	24	Pass
NVNT	n20	5200	Ant1	11.63	0	11.63	24	Pass
NVNT	n20	5240	Ant1	11.21	0	11.21	24	Pass
NVNT	n40	5190	Ant1	10.88	0	10.88	24	Pass
NVNT	n40	5230	Ant1	12.06	0	12.06	24	Pass

Occupied Channel Bandwidth

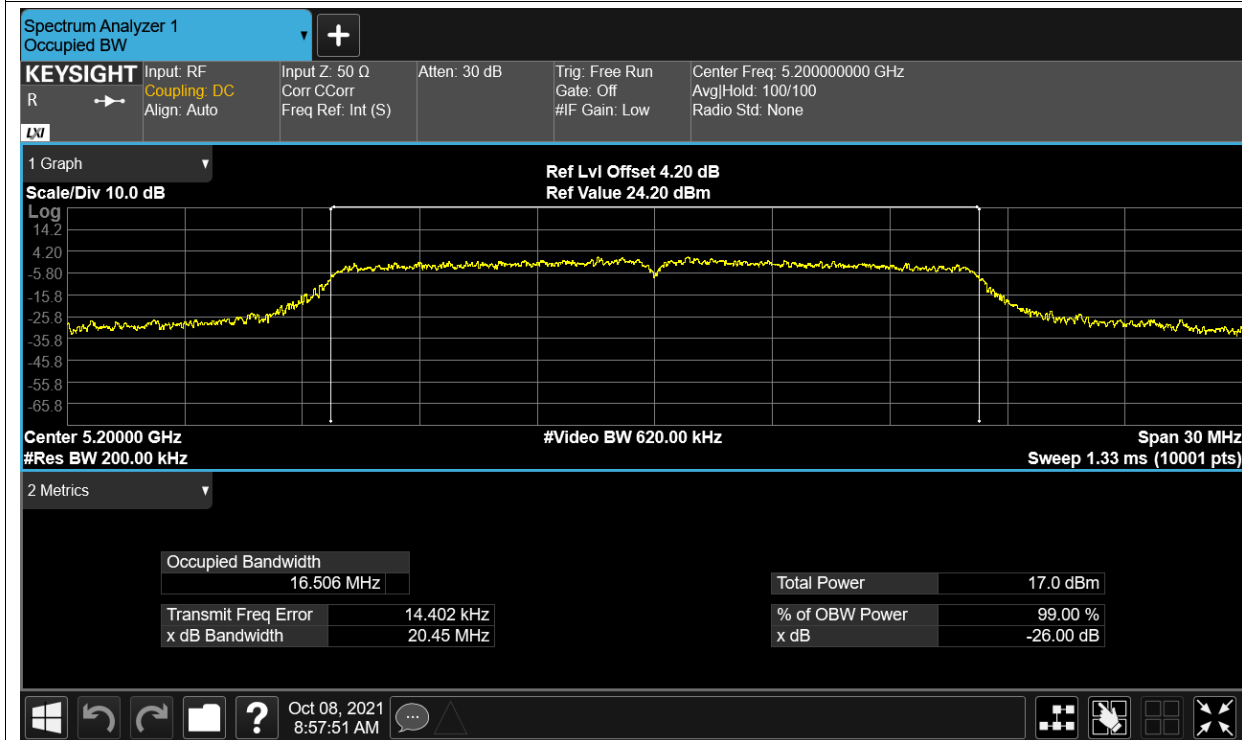
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.5086048
NVNT	a	5200	Ant1	16.50644307
NVNT	a	5240	Ant1	16.48724117
NVNT	ac20	5180	Ant1	17.63460546
NVNT	ac20	5200	Ant1	17.61575978
NVNT	ac20	5240	Ant1	17.63804345
NVNT	ac40	5190	Ant1	35.97877134
NVNT	ac40	5230	Ant1	36.03198252
NVNT	n20	5180	Ant1	17.63575242
NVNT	n20	5200	Ant1	17.61632238
NVNT	n20	5240	Ant1	17.61014933
NVNT	n40	5190	Ant1	35.98684766
NVNT	n40	5230	Ant1	36.04244153

Test Graphs

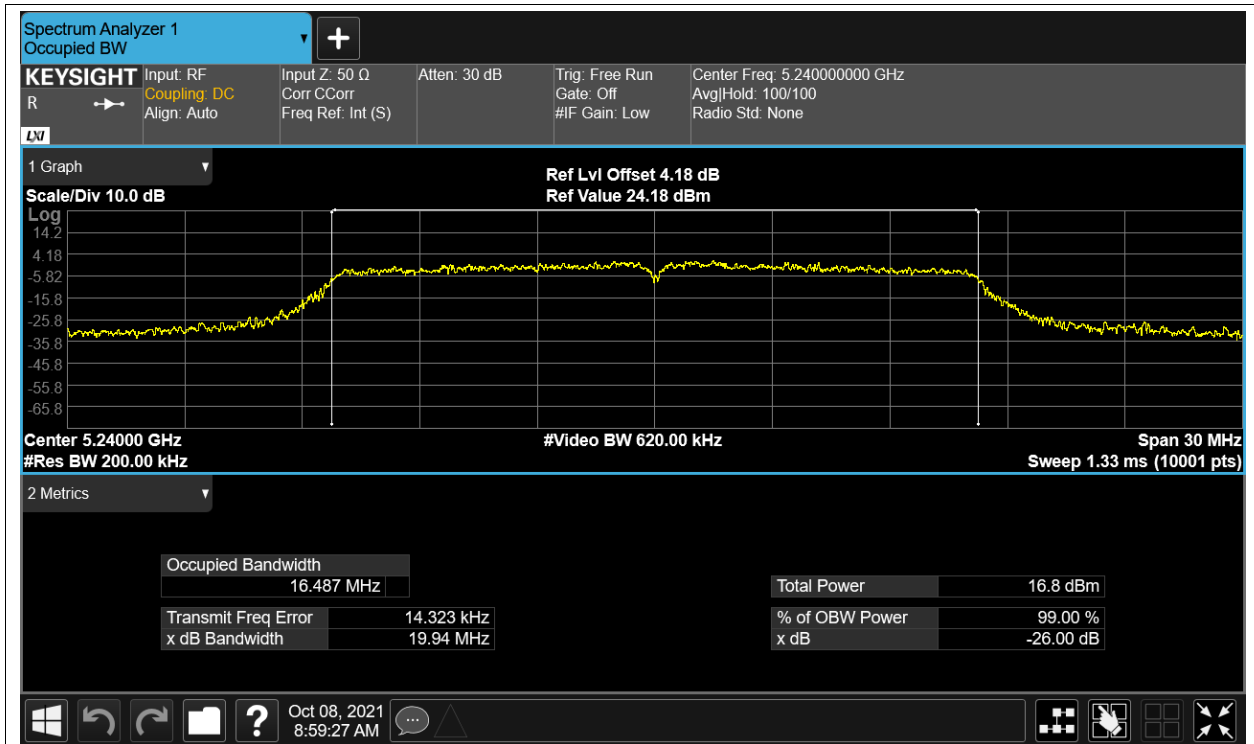
OBW NVNT a 5180MHz Ant1



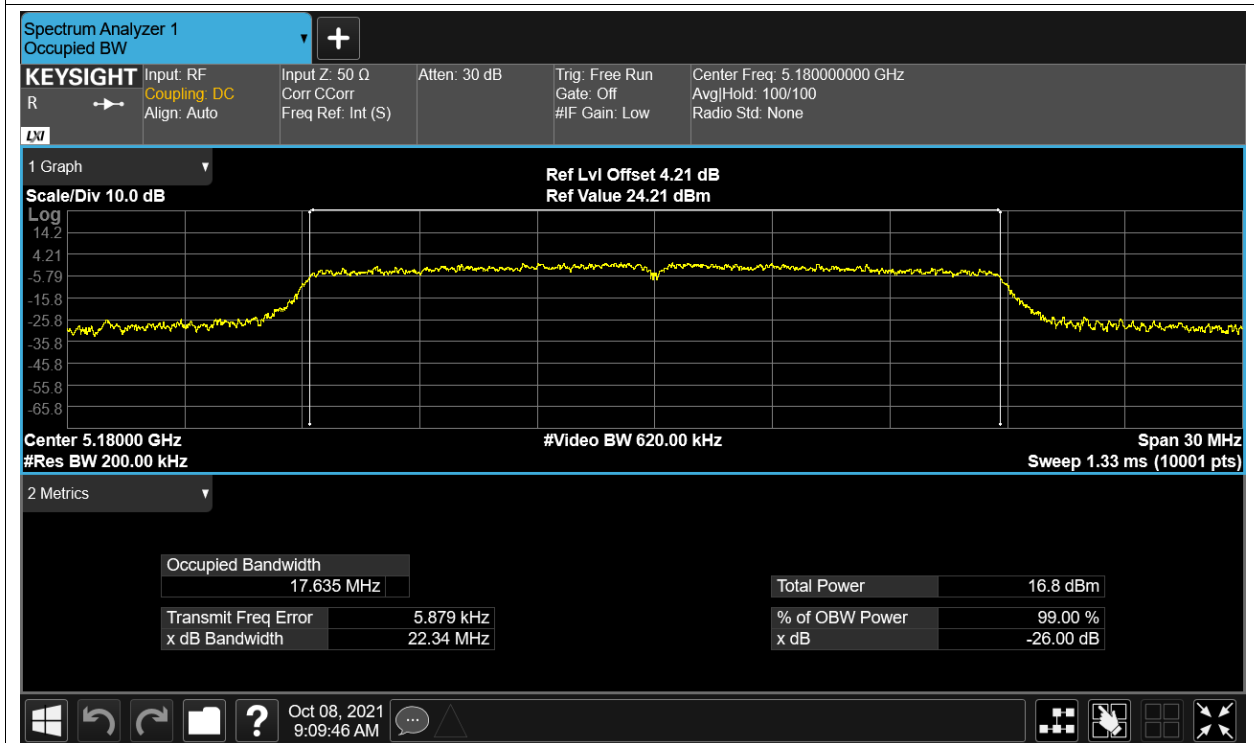
OBW NVNT a 5200MHz Ant1



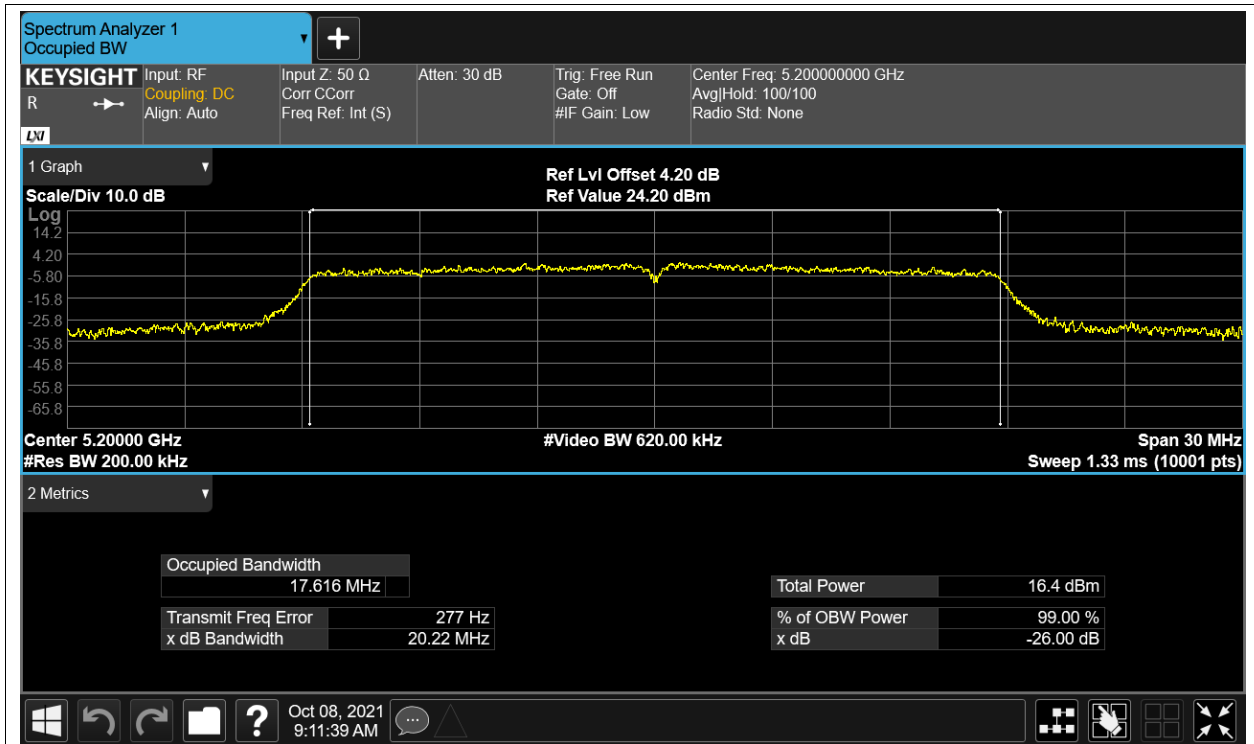
OBW NVNT a 5240MHz Ant1



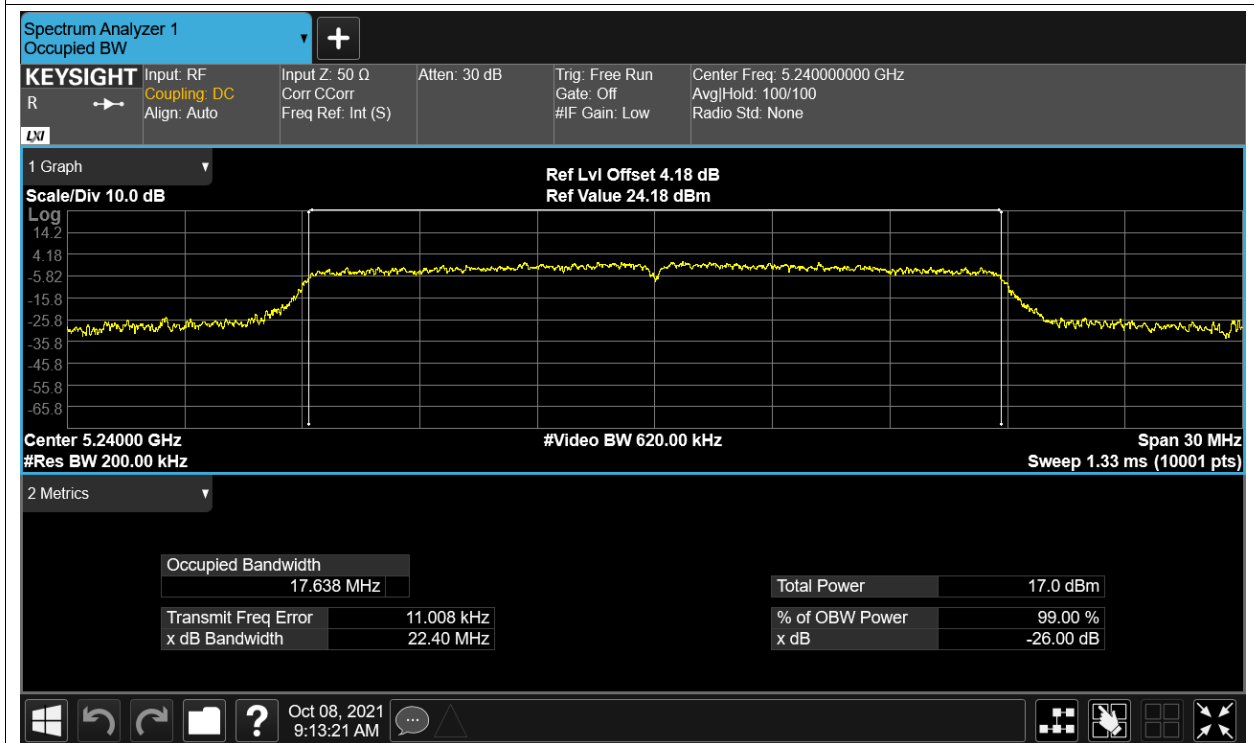
OBW NVNT ac20 5180MHz Ant1



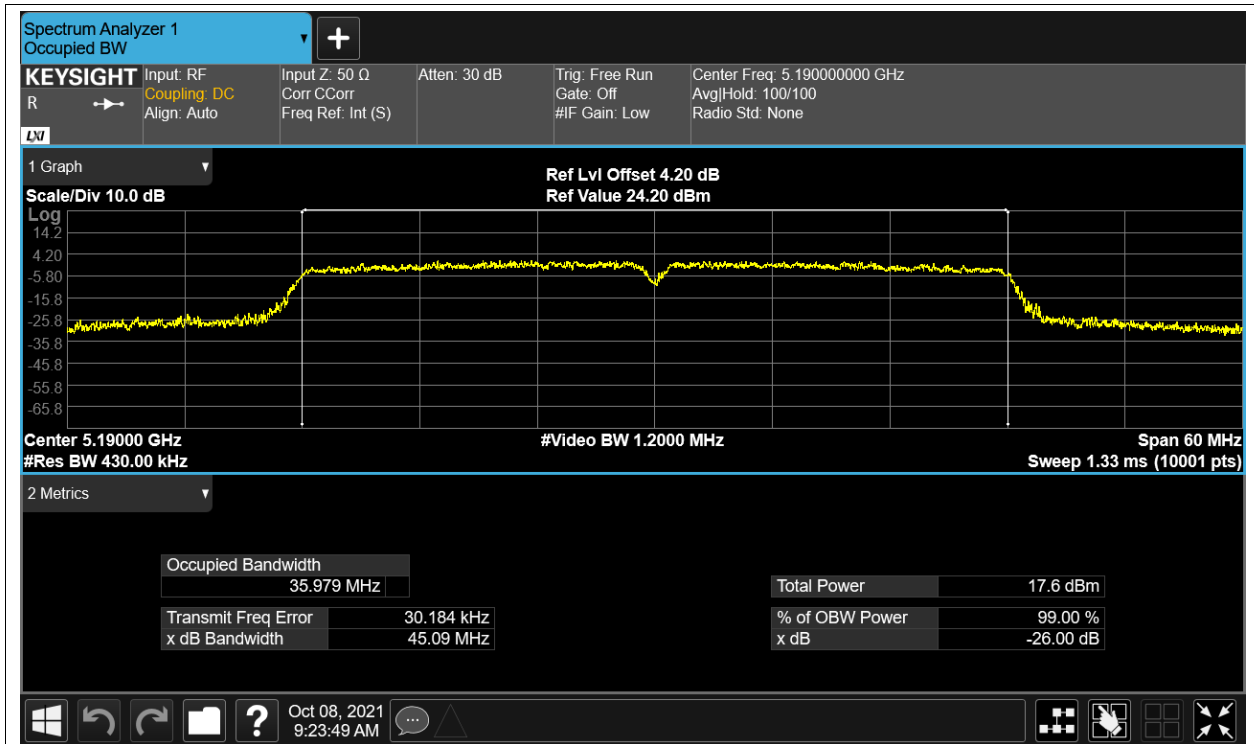
OBW NVNT ac20 5200MHz Ant1



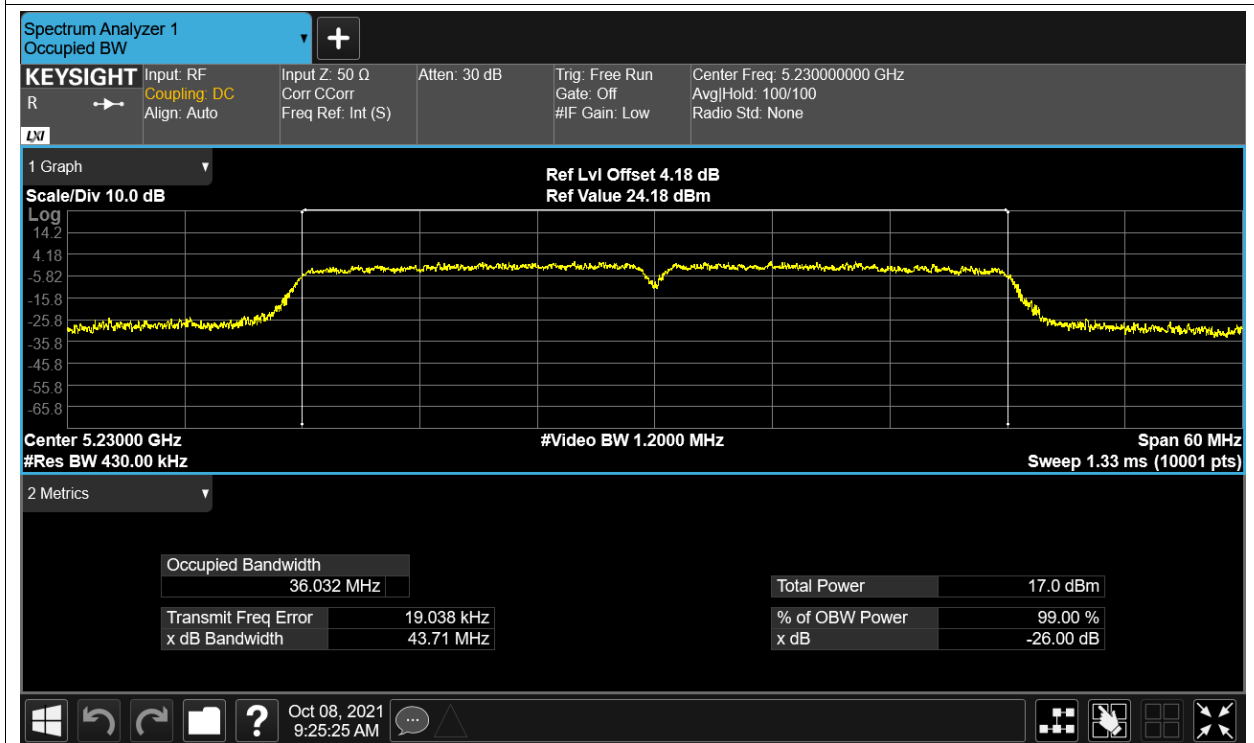
OBW NVNT ac20 5240MHz Ant1



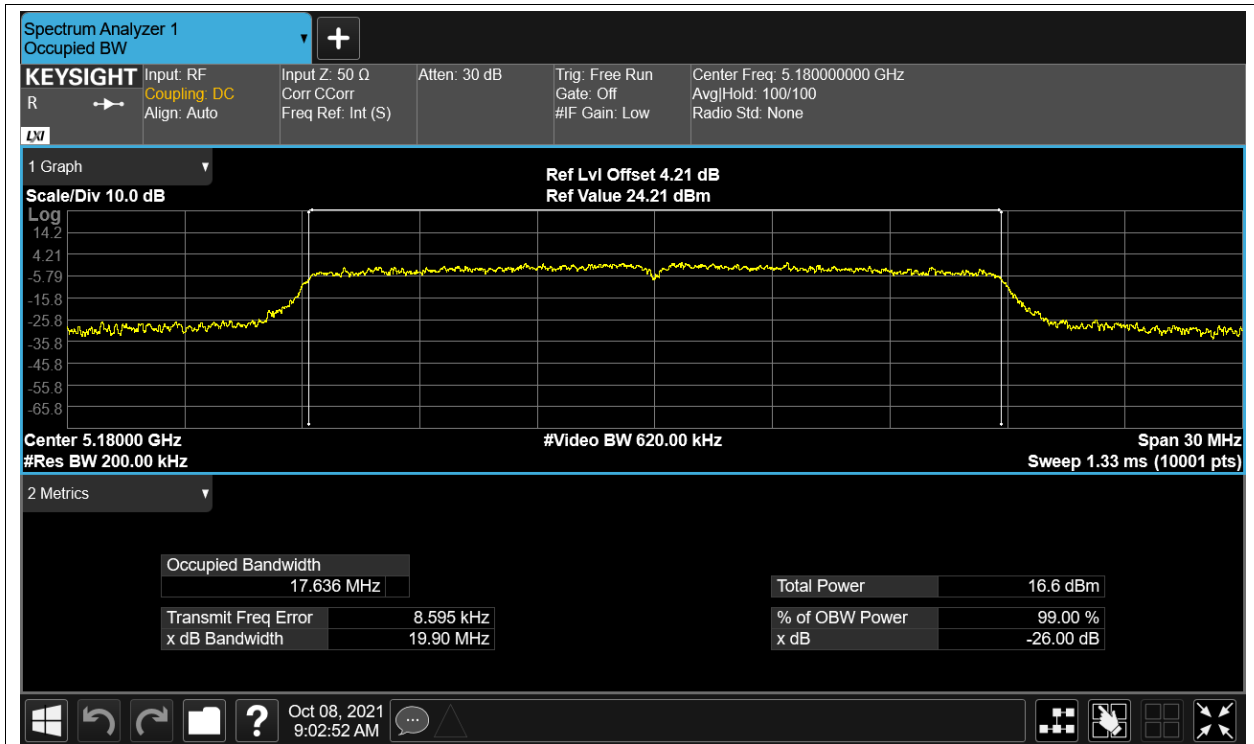
OBW NVNT ac40 5190MHz Ant1



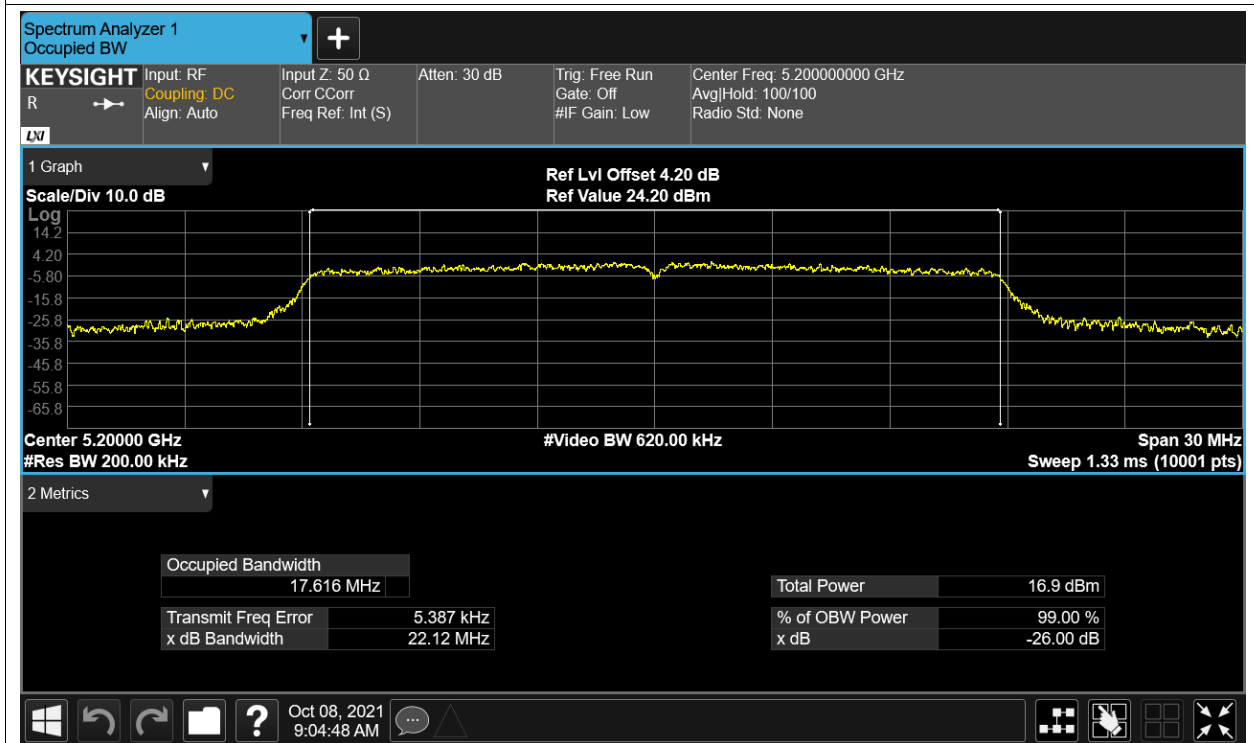
OBW NVNT ac40 5230MHz Ant1



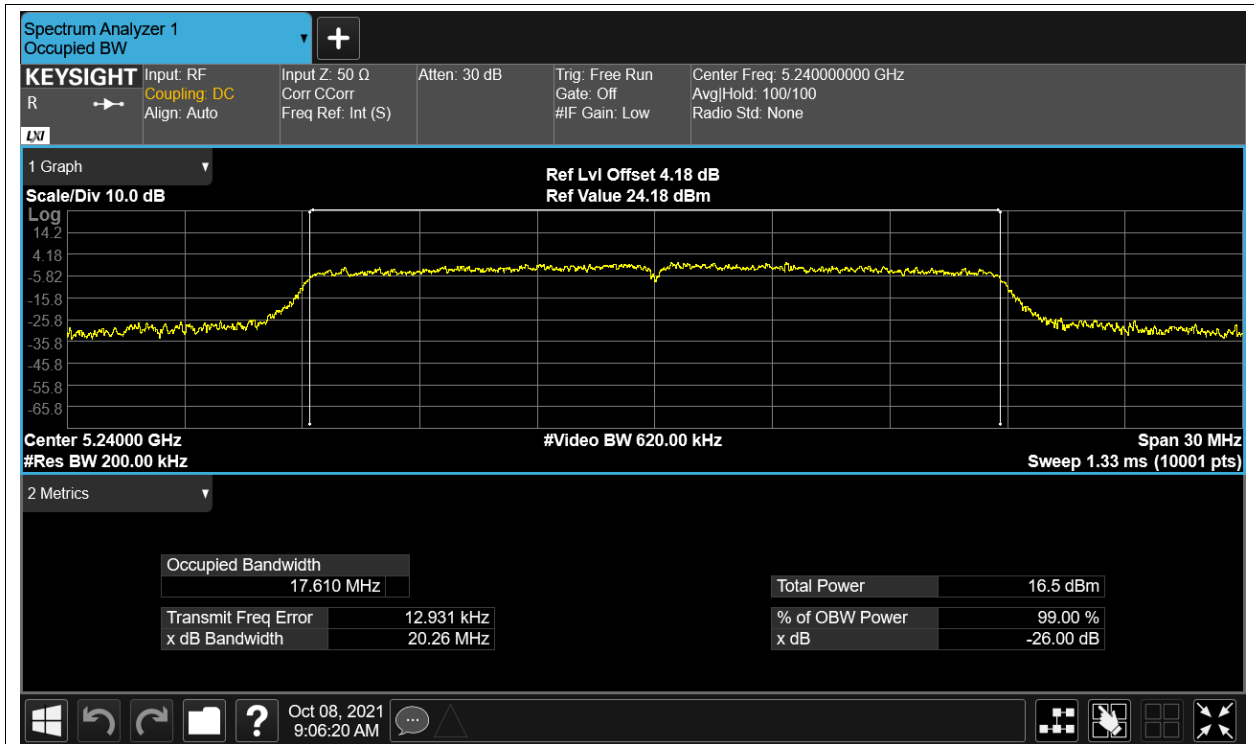
OBW NVNT n20 5180MHz Ant1



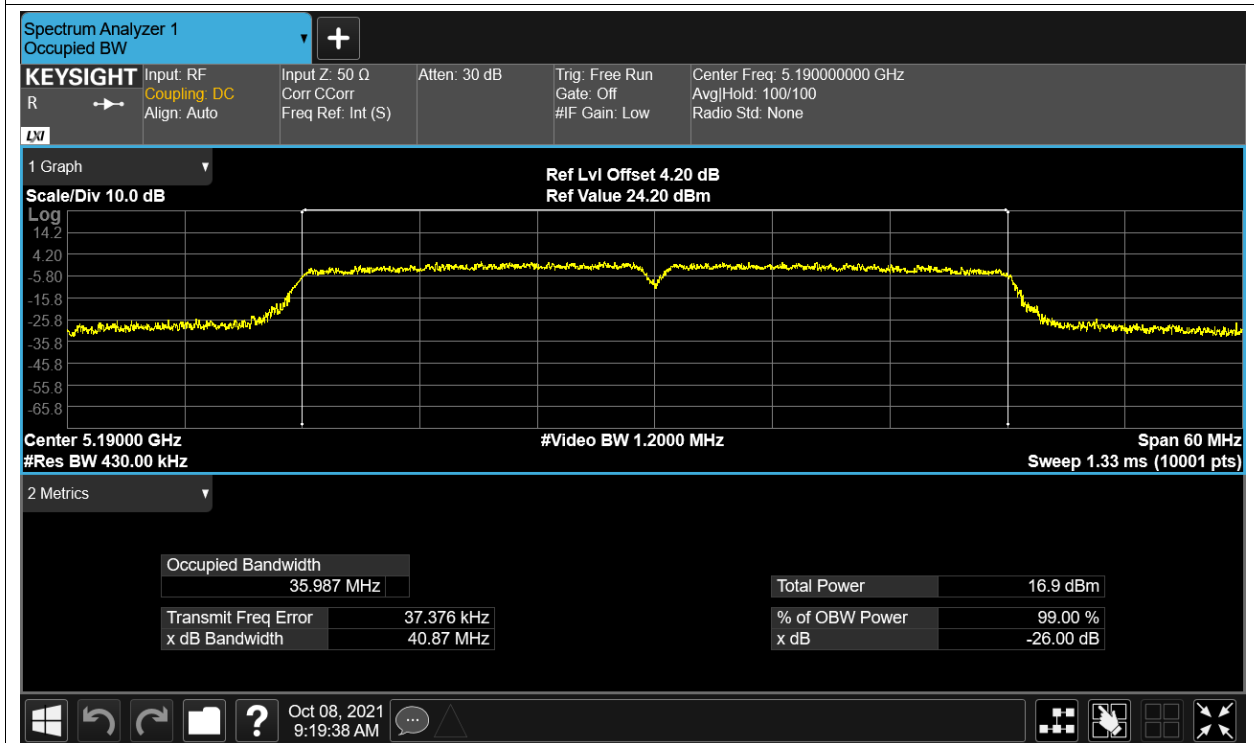
OBW NVNT n20 5200MHz Ant1



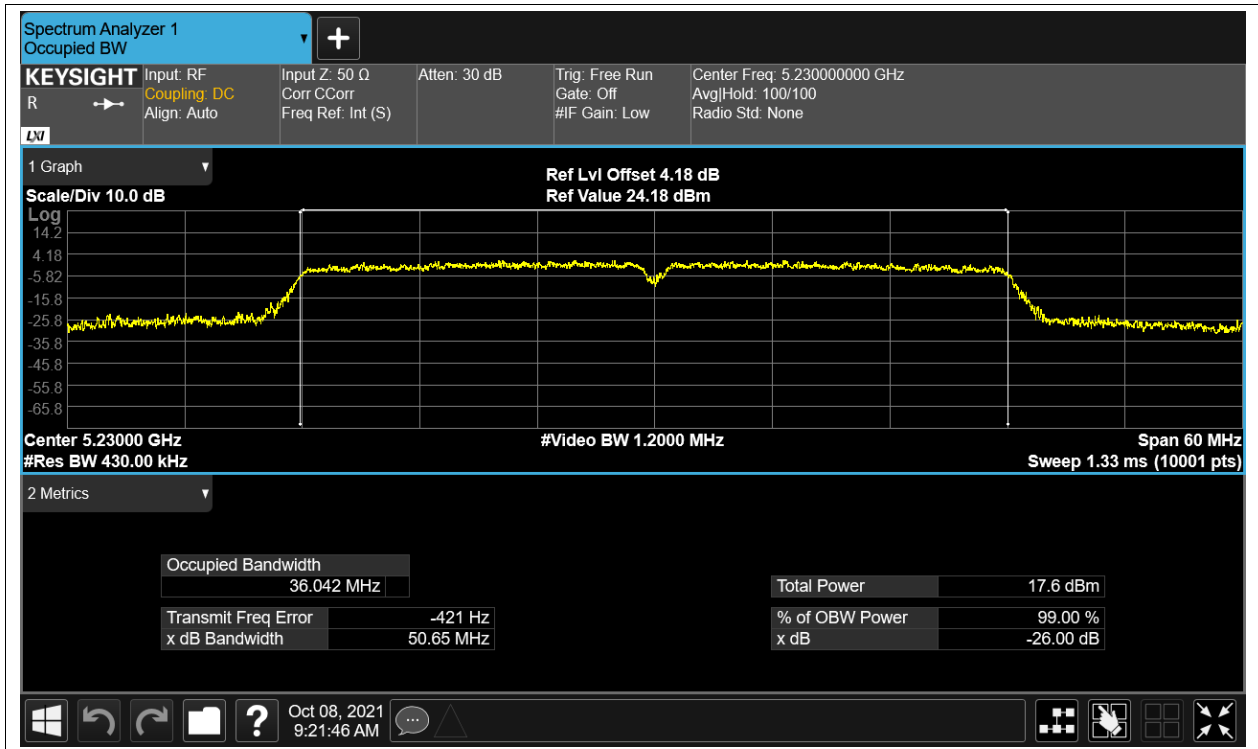
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

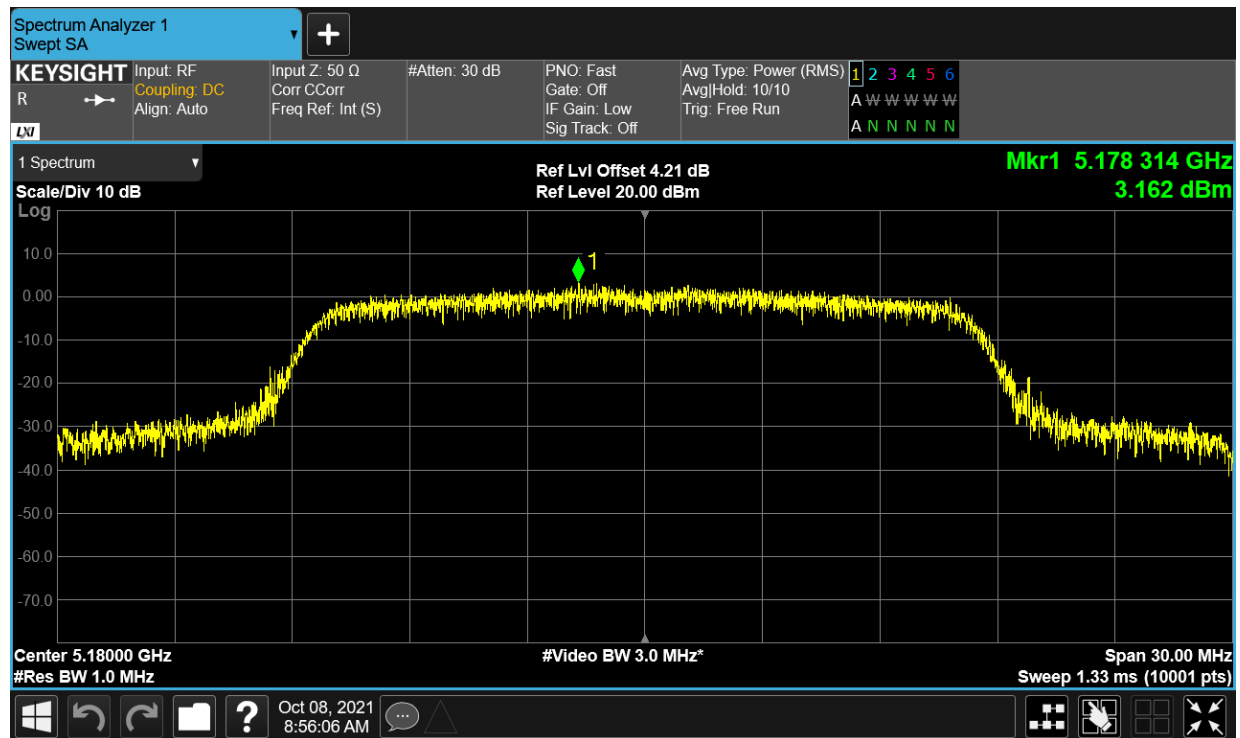


Maximum Power Spectral Density Level

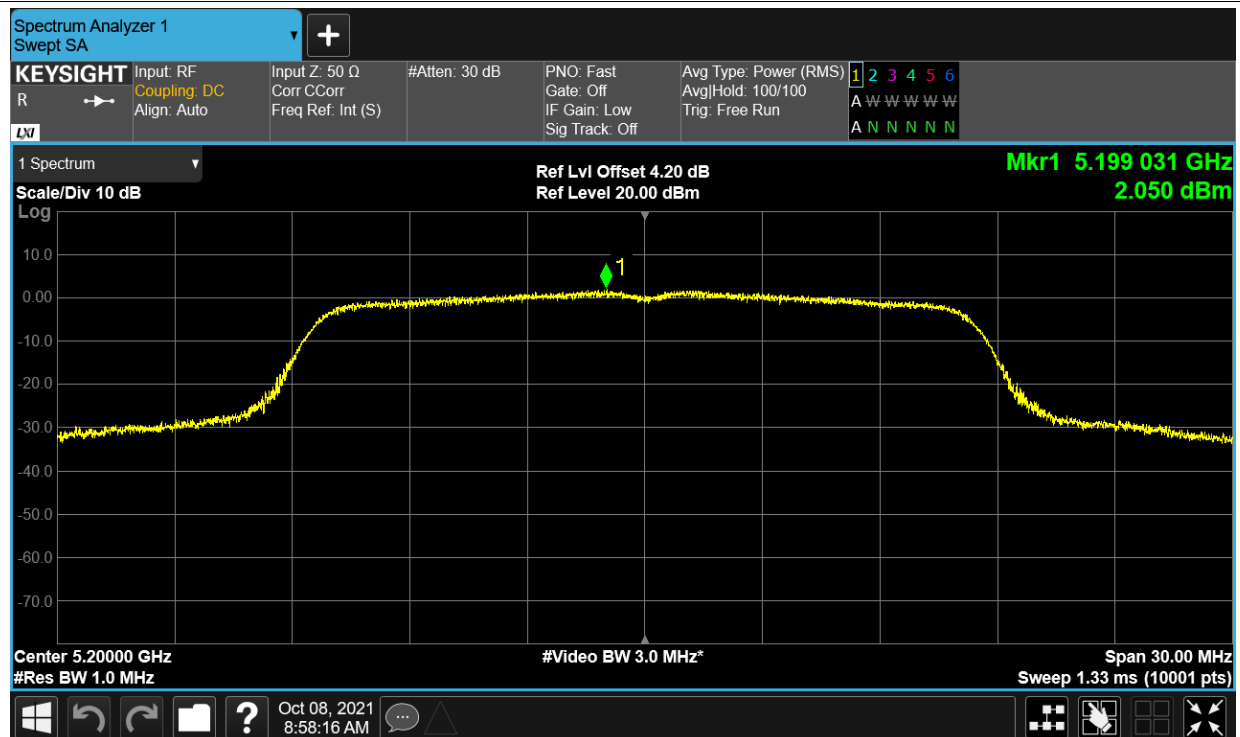
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.162	11	Pass
NVNT	a	5200	Ant1	2.05	11	Pass
NVNT	a	5240	Ant1	1.63	11	Pass
NVNT	ac20	5180	Ant1	1.68	11	Pass
NVNT	ac20	5200	Ant1	1.417	11	Pass
NVNT	ac20	5240	Ant1	1.664	11	Pass
NVNT	ac40	5190	Ant1	-1.574	11	Pass
NVNT	ac40	5230	Ant1	-2.192	11	Pass
NVNT	n20	5180	Ant1	1.326	11	Pass
NVNT	n20	5200	Ant1	1.647	11	Pass
NVNT	n20	5240	Ant1	1.328	11	Pass
NVNT	n40	5190	Ant1	-2.05	11	Pass
NVNT	n40	5230	Ant1	-1.577	11	Pass

Test Graphs

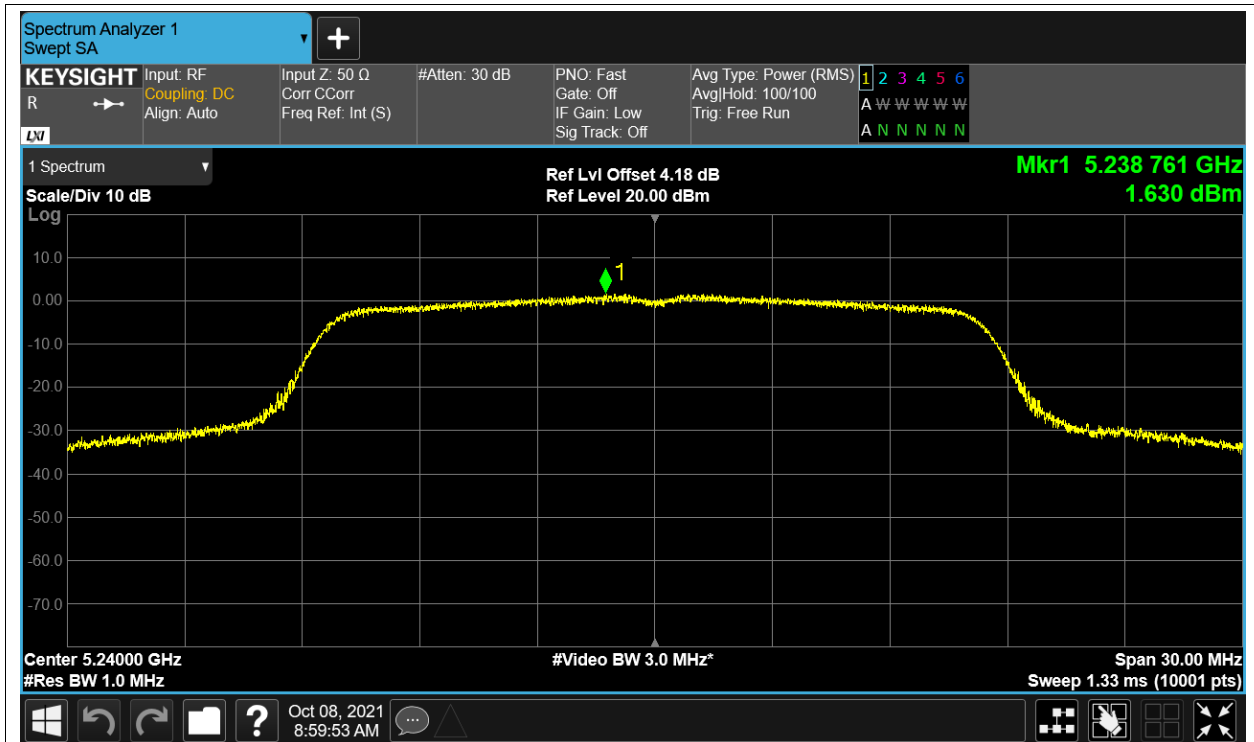
PSD NVNT a 5180MHz Ant1



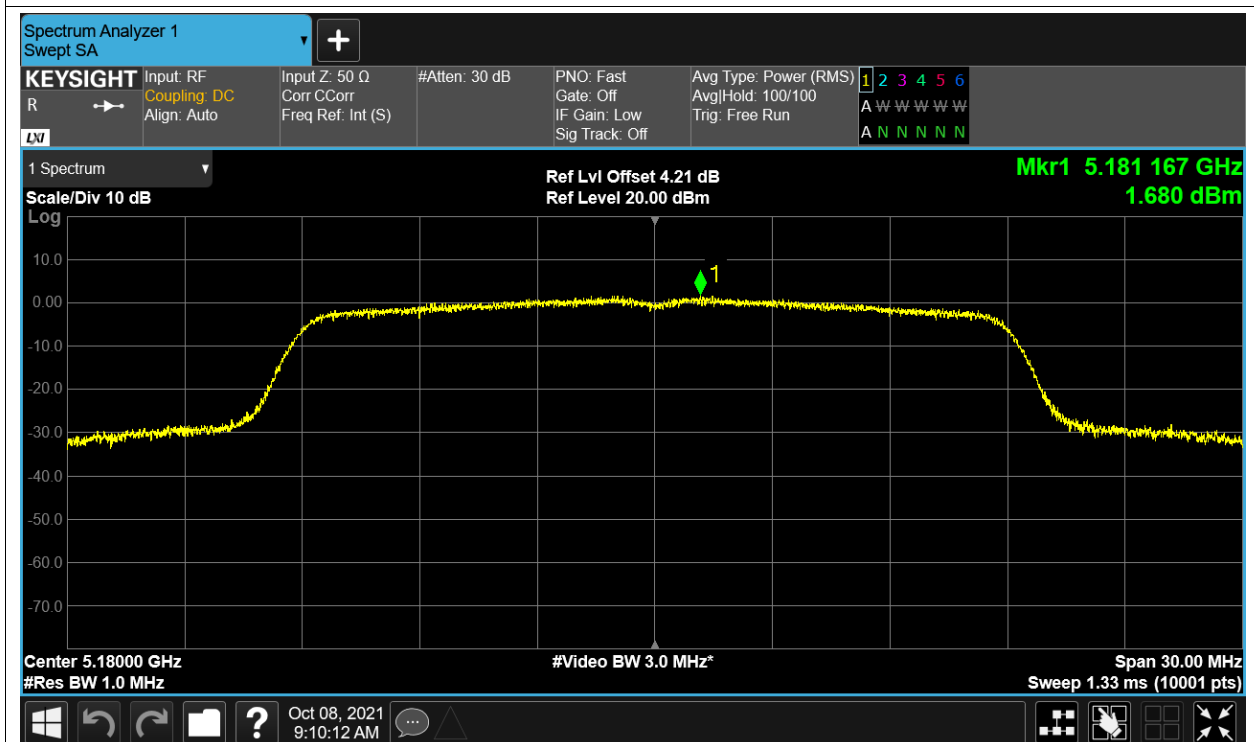
PSD NVNT a 5200MHz Ant1



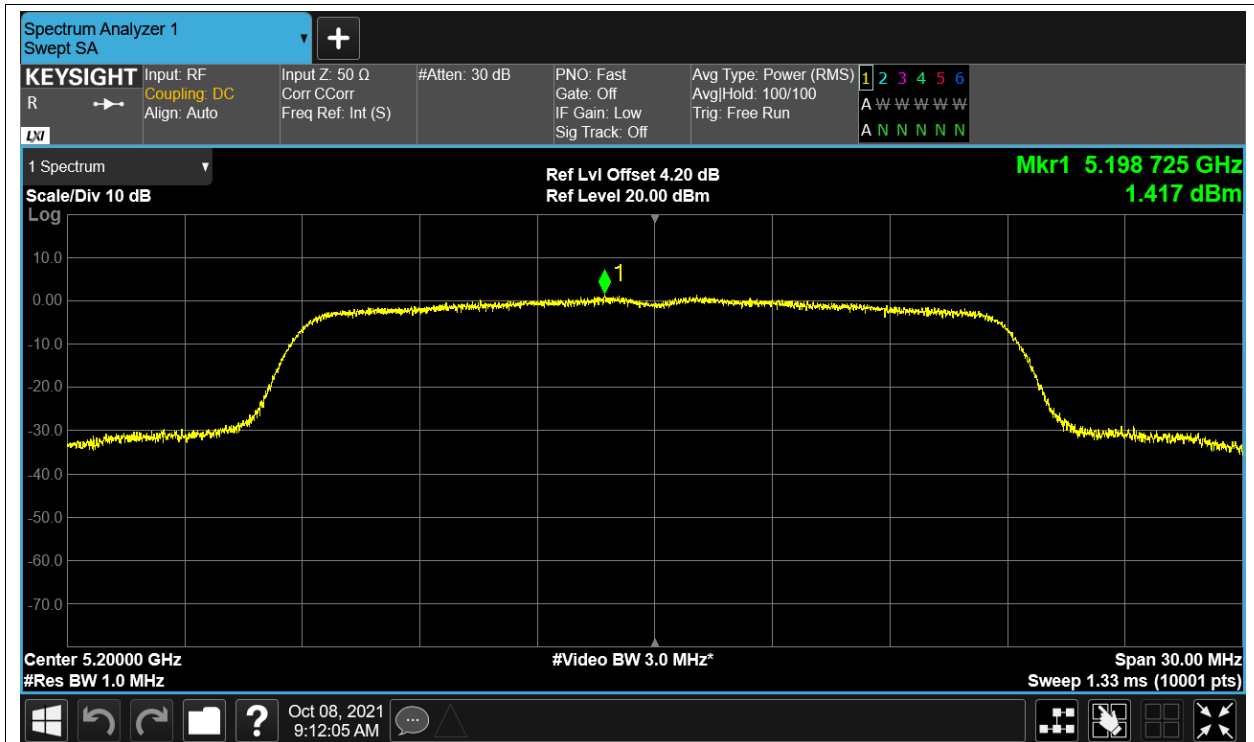
PSD NVNT a 5240MHz Ant1



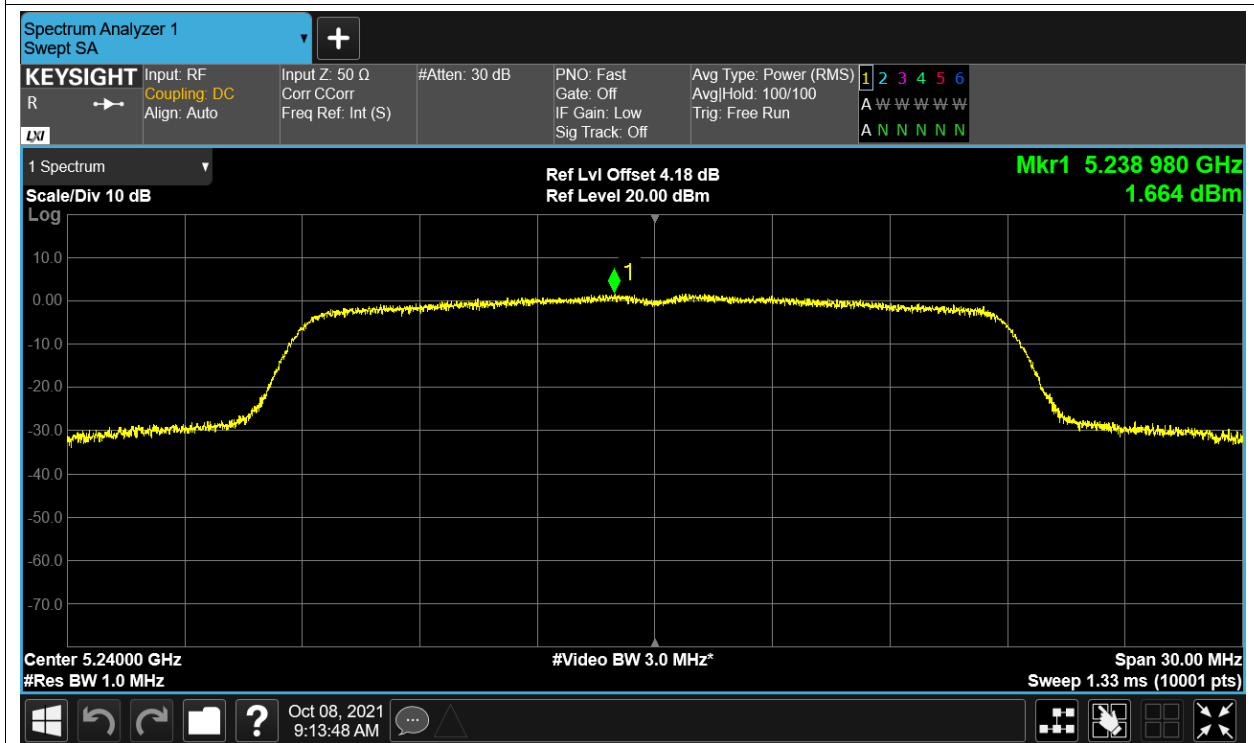
PSD NVNT ac20 5180MHz Ant1



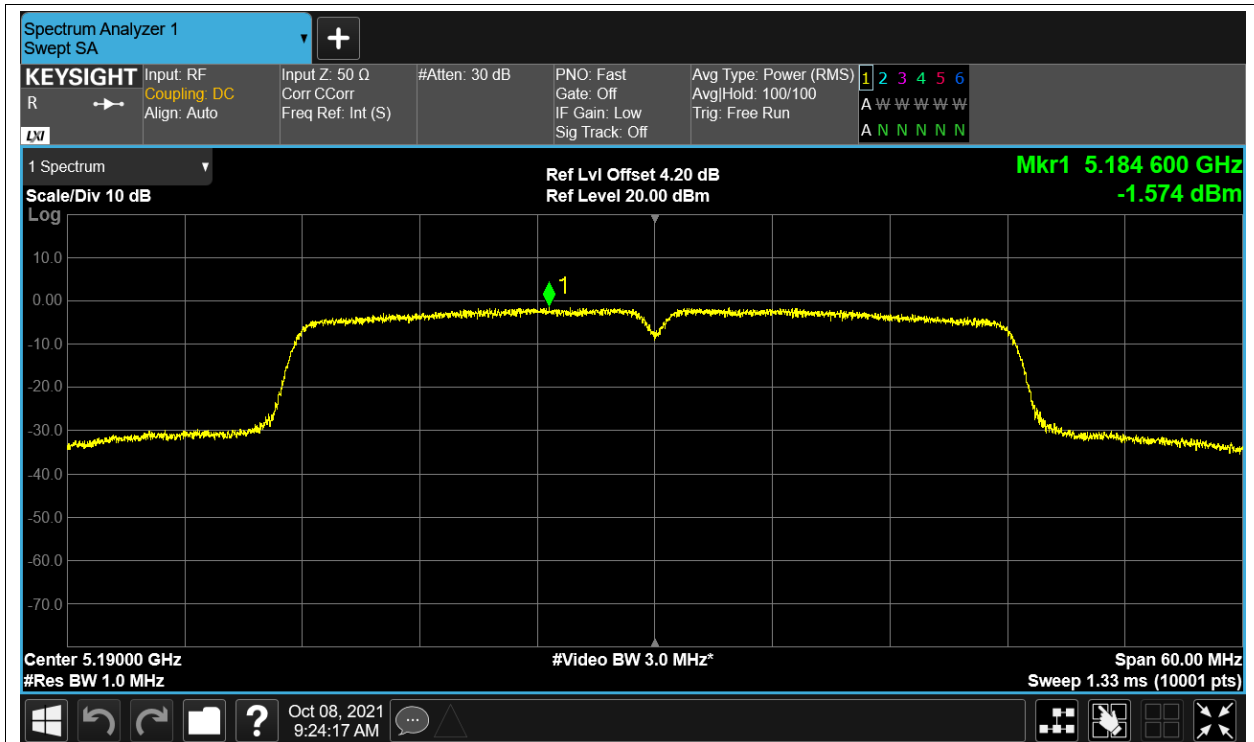
PSD NVNT ac20 5200MHz Ant1



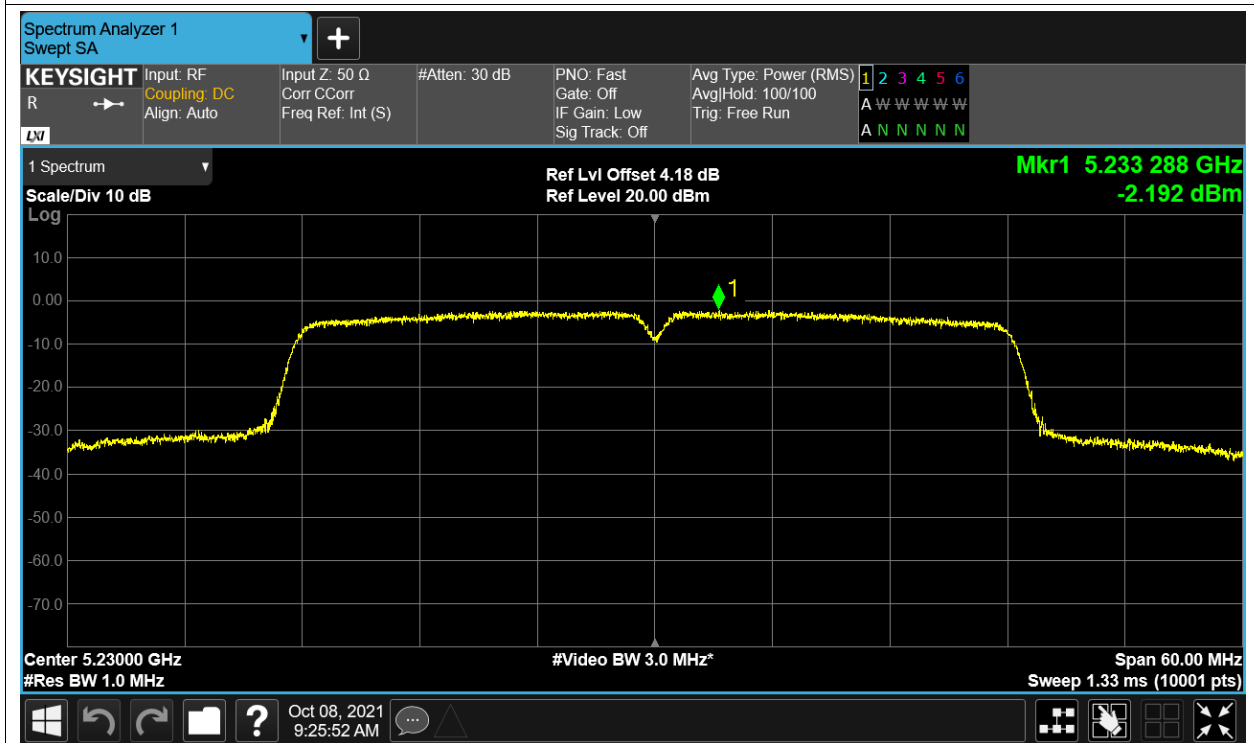
PSD NVNT ac20 5240MHz Ant1



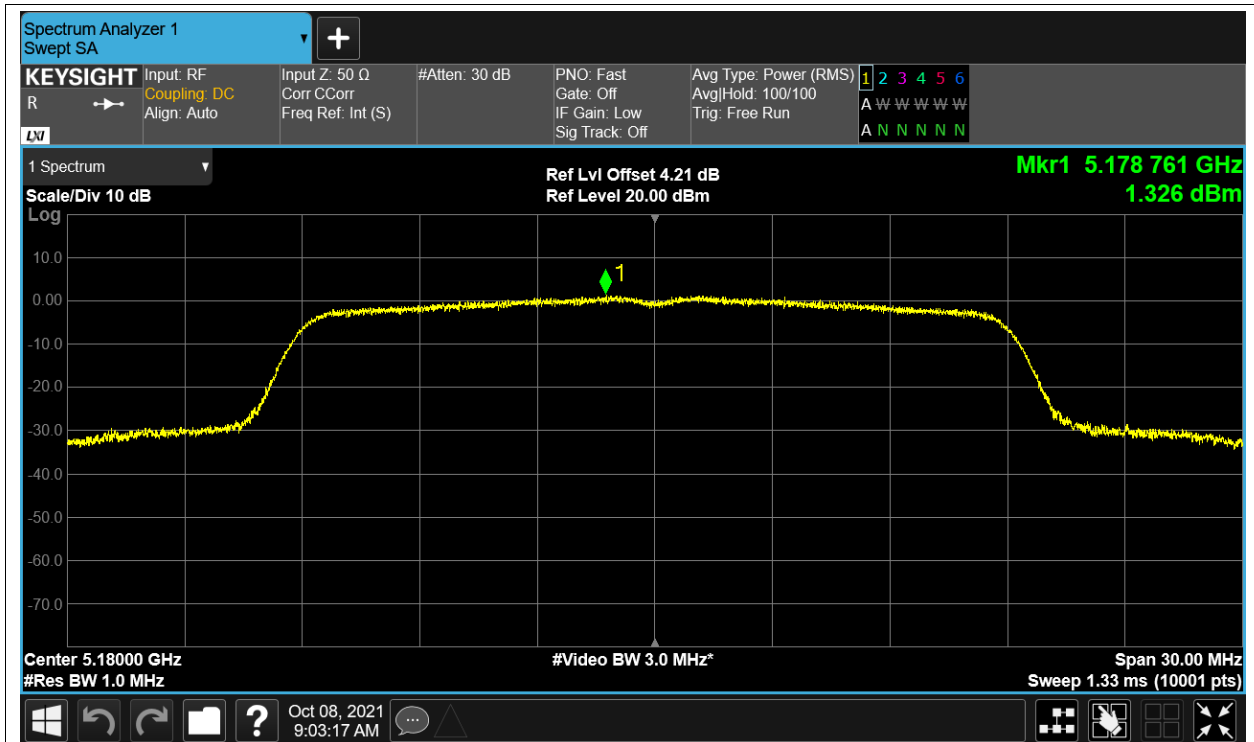
PSD NVNT ac40 5190MHz Ant1



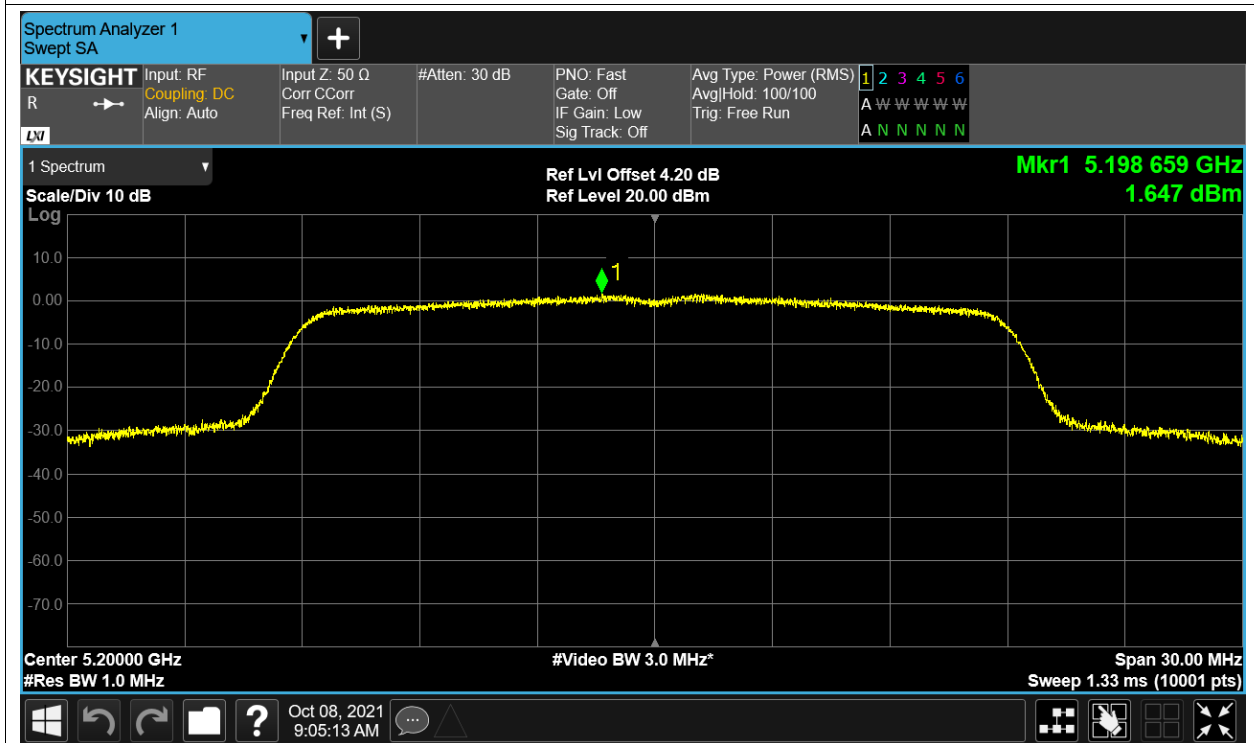
PSD NVNT ac40 5230MHz Ant1



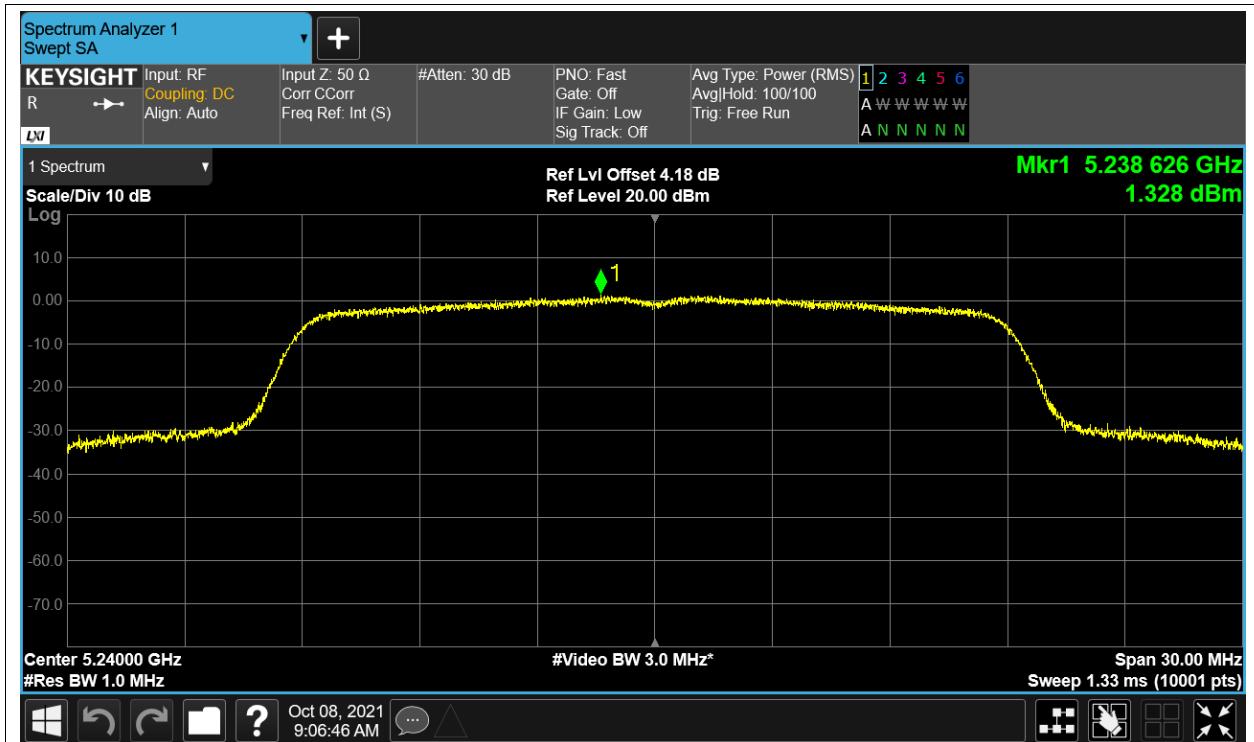
PSD NVNT n20 5180MHz Ant1



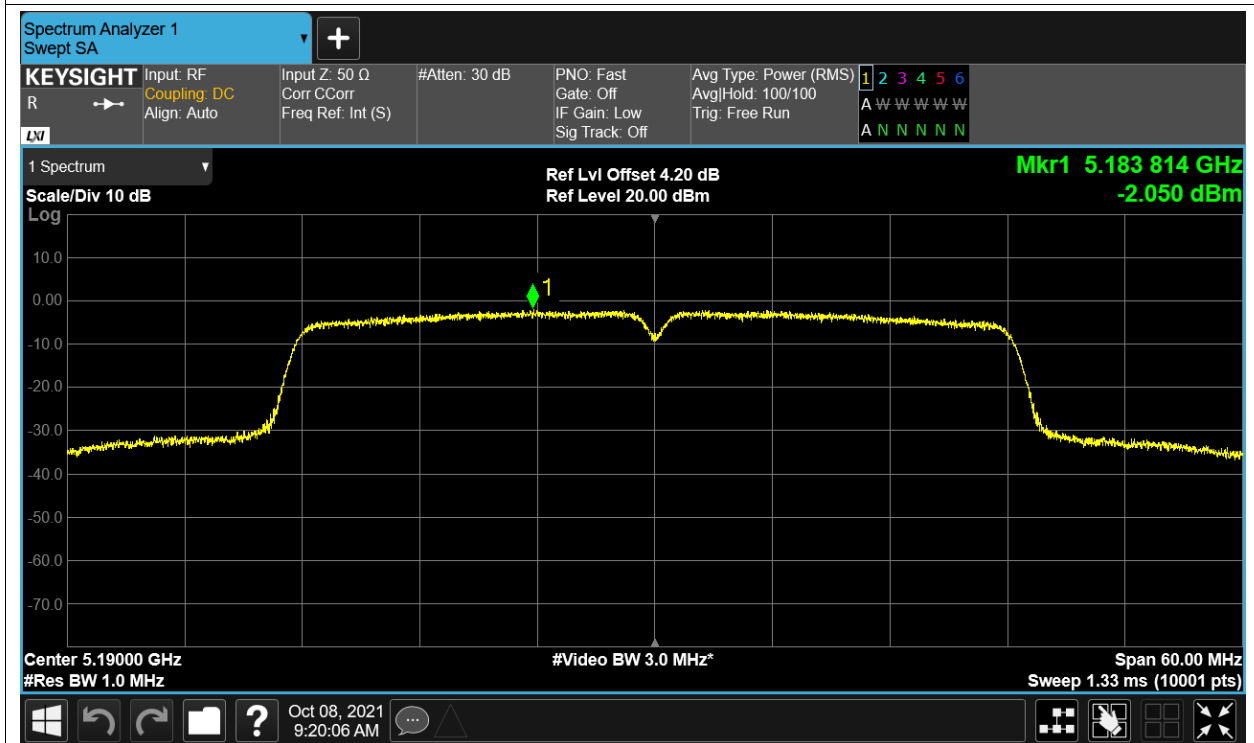
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

