

Test Data

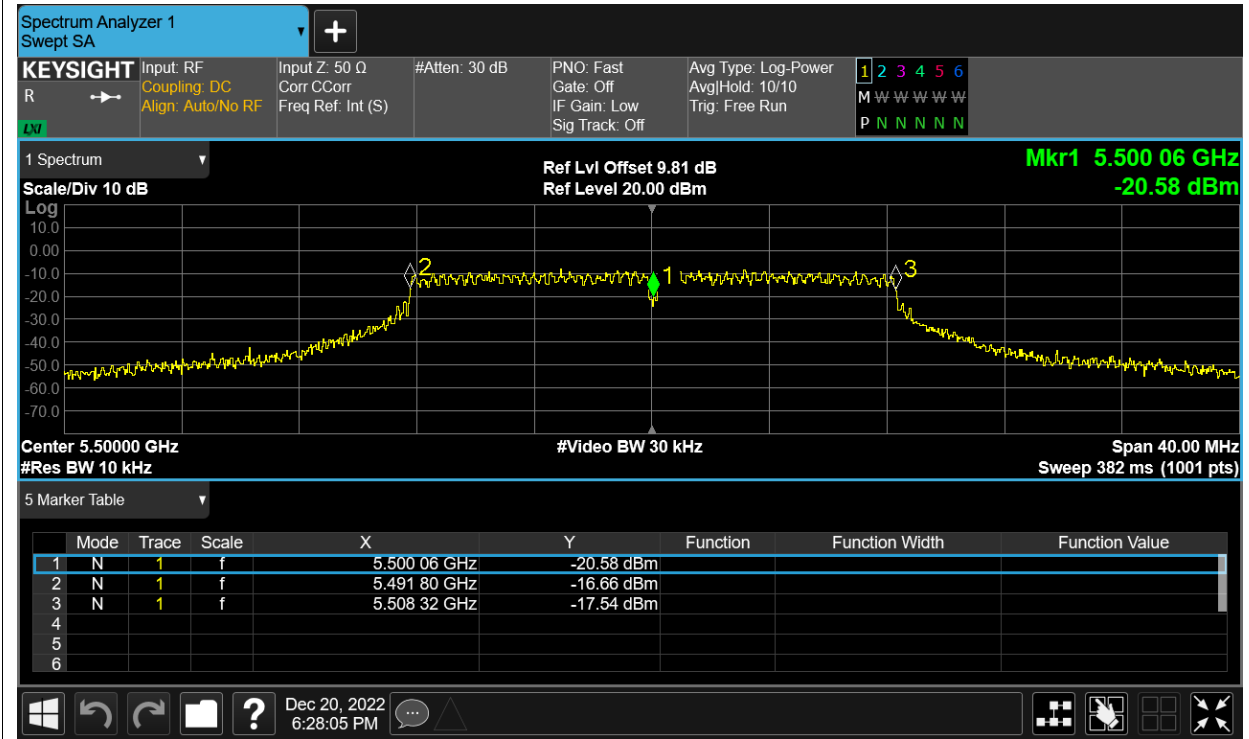
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5500.06	10.91	Within authorized band	Pass
LVNT	a	5500	Ant1	5500.06	10.91		Pass
NVHT	a	5500	Ant1	5500.06	10.91		Pass
NVLT	a	5500	Ant1	5500.06	10.91		Pass
NVNT	a	5500	Ant1	5500.06	10.91		Pass
HVNT	n40	5510	Ant1	5510.04	7.26		Pass
LVNT	n40	5510	Ant1	5510.04	7.26		Pass
NVHT	n40	5510	Ant1	5510.04	7.26		Pass
NVLT	n40	5510	Ant1	5510.04	7.26		Pass
NVNT	n40	5510	Ant1	5510.04	7.26		Pass

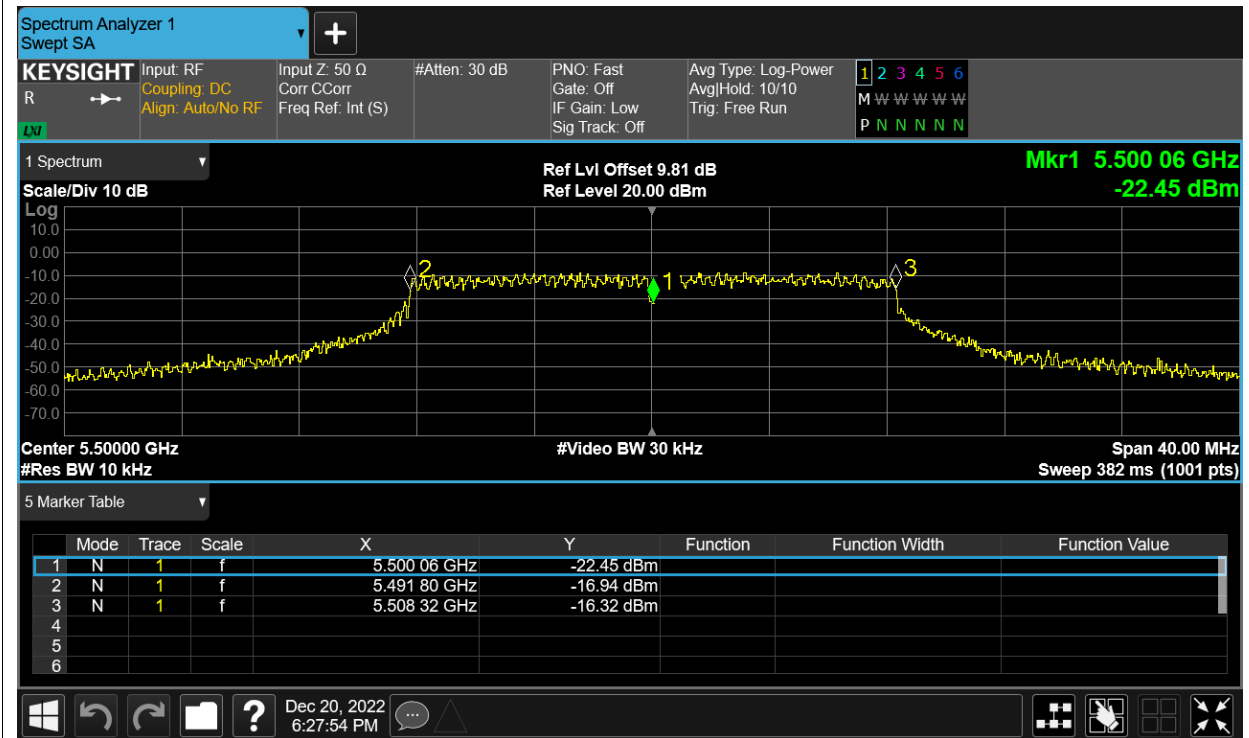
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

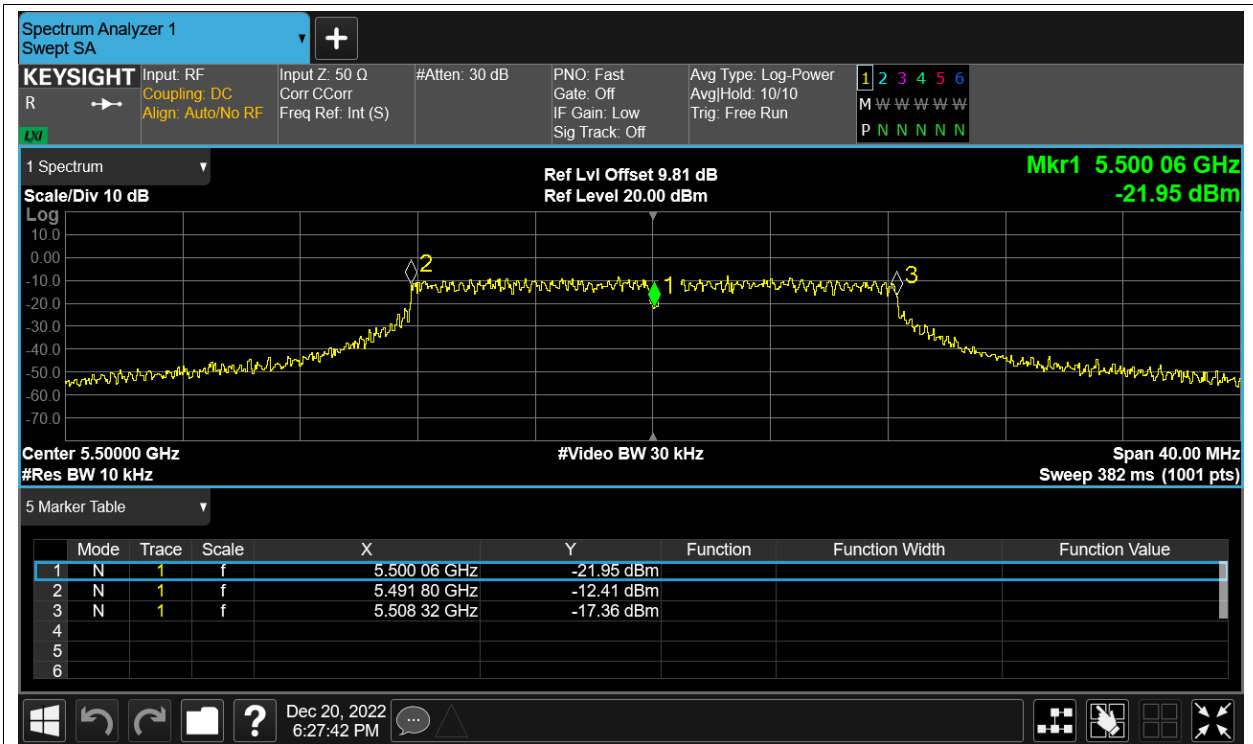
Freq. Stability HVNT a 5500MHz Ant1



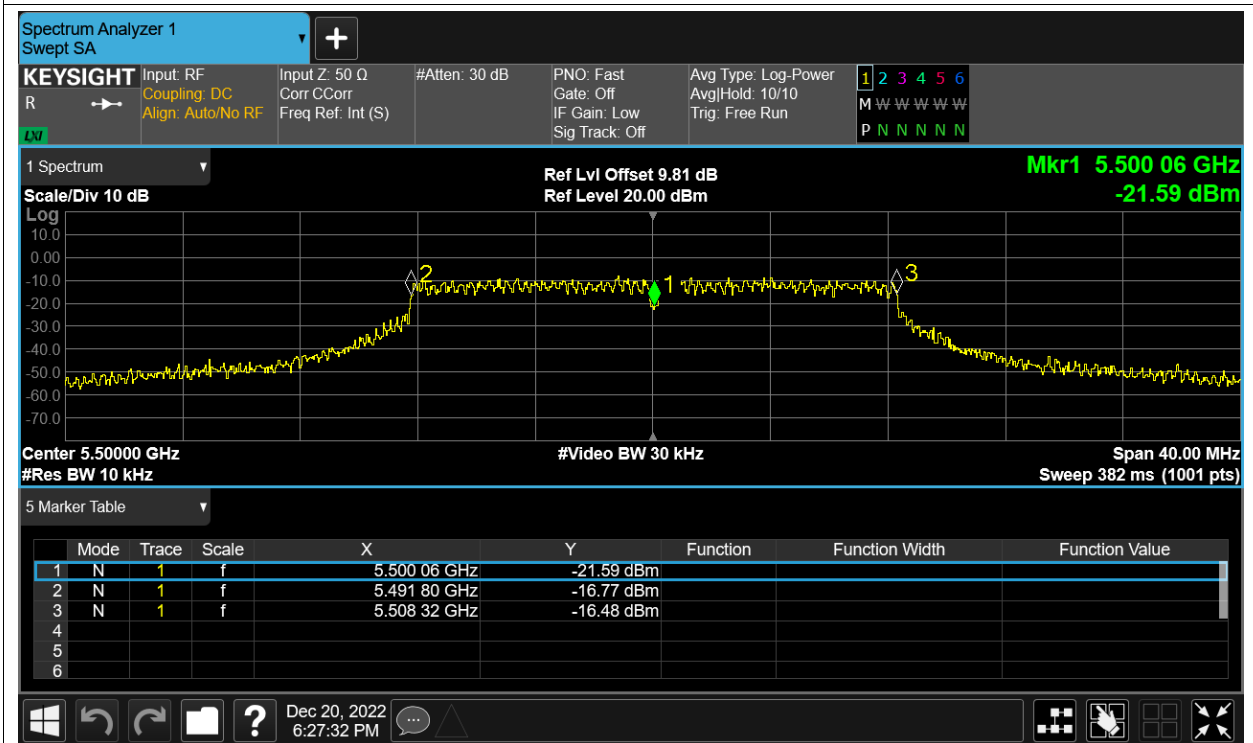
Freq. Stability LVNT a 5500MHz Ant1



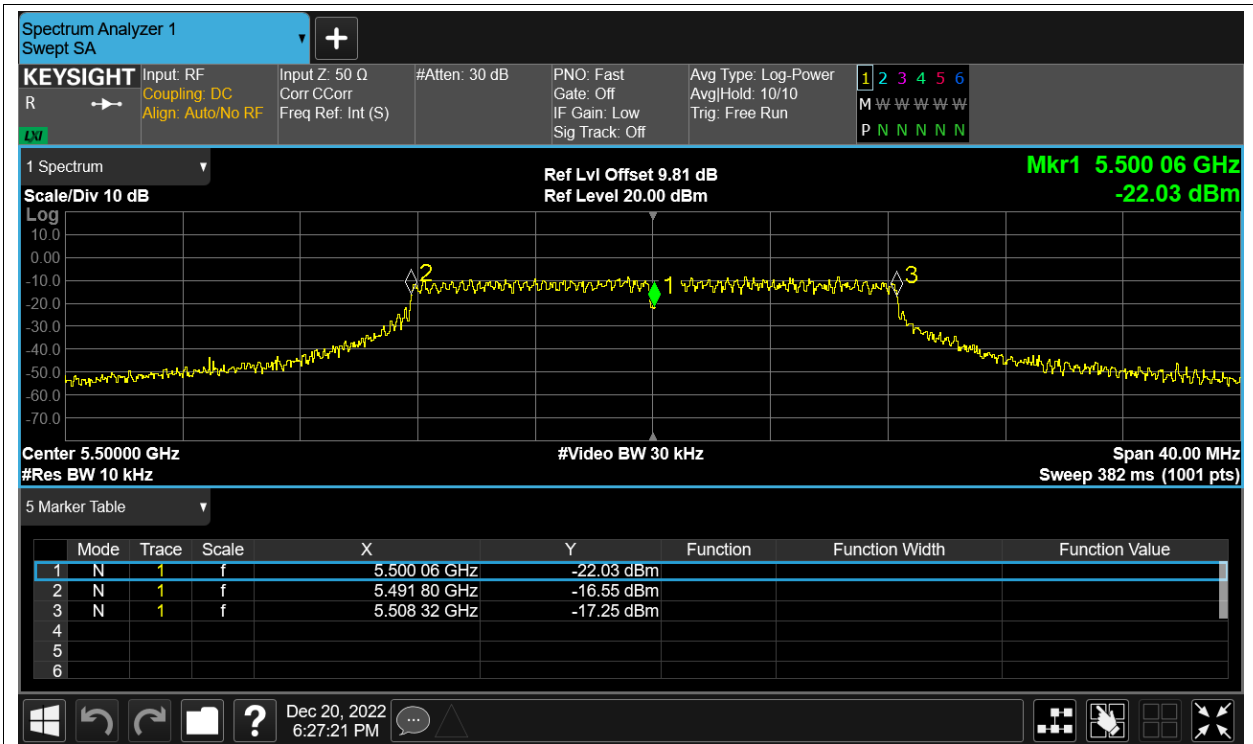
Freq. Stability NVHT a 5500MHz Ant1



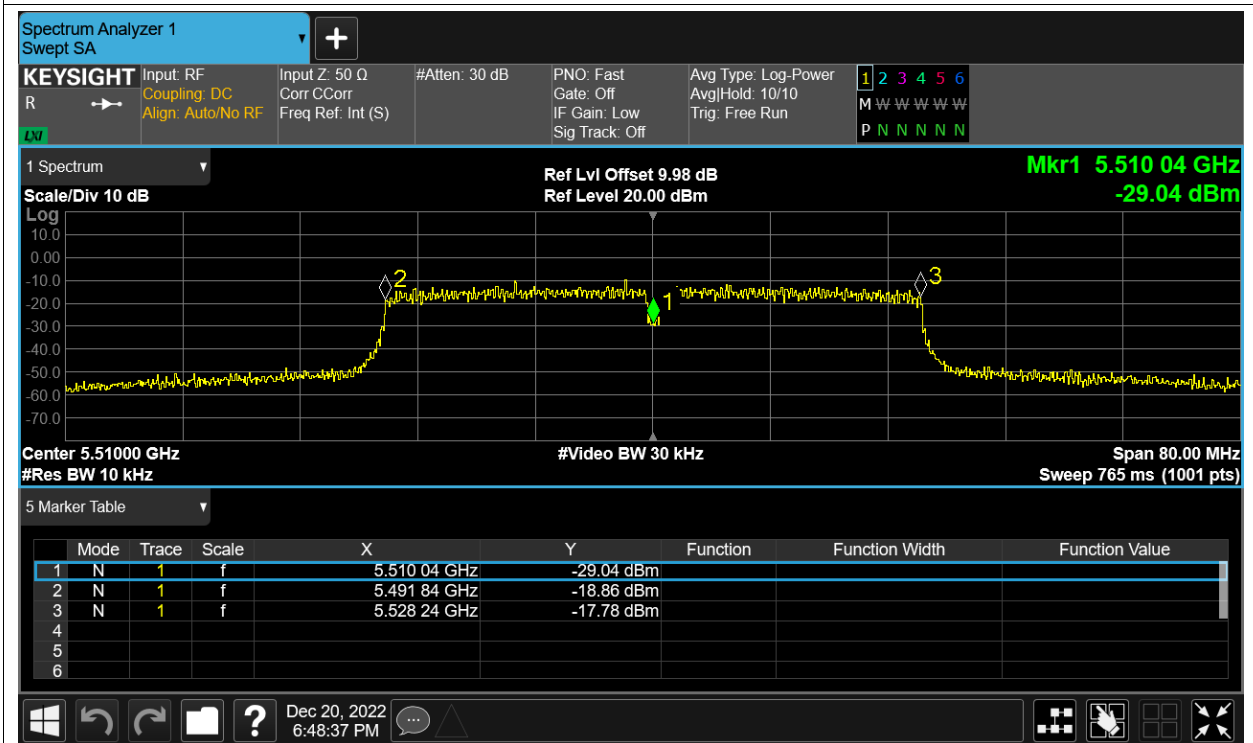
Freq. Stability NVLT a 5500MHz Ant1



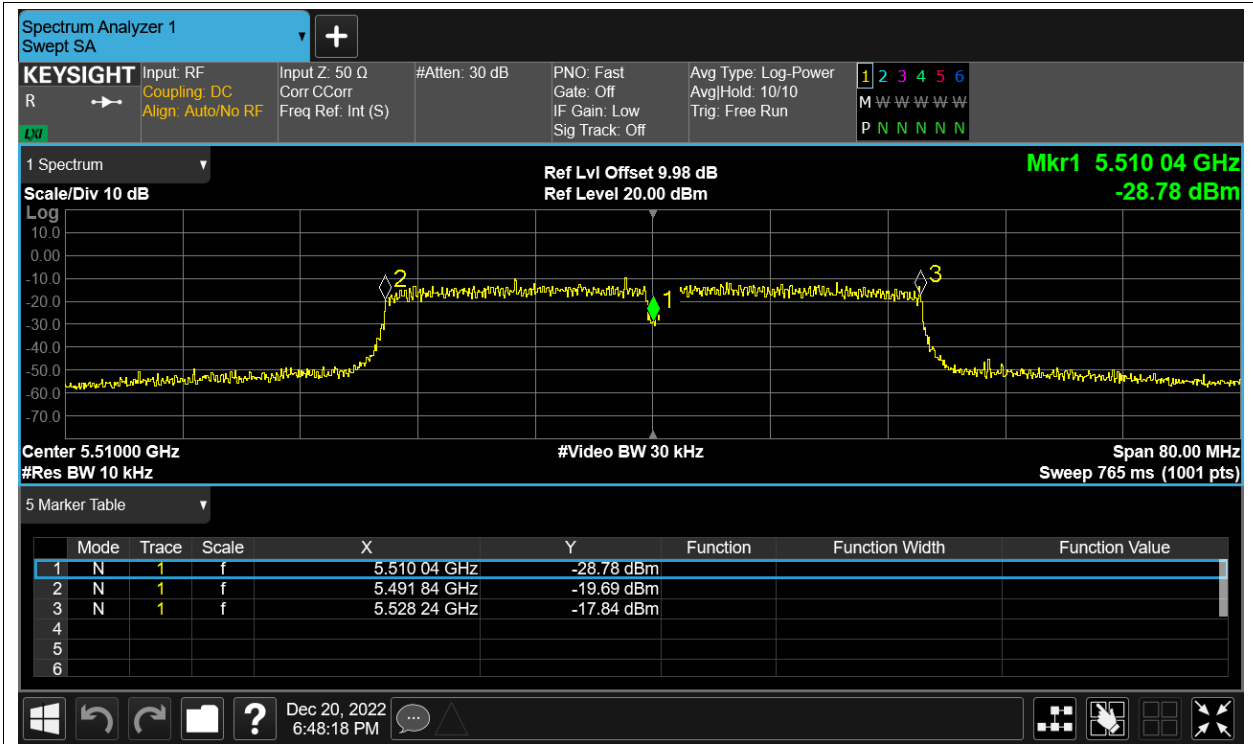
Freq. Stability NVNT a 5500MHz Ant1



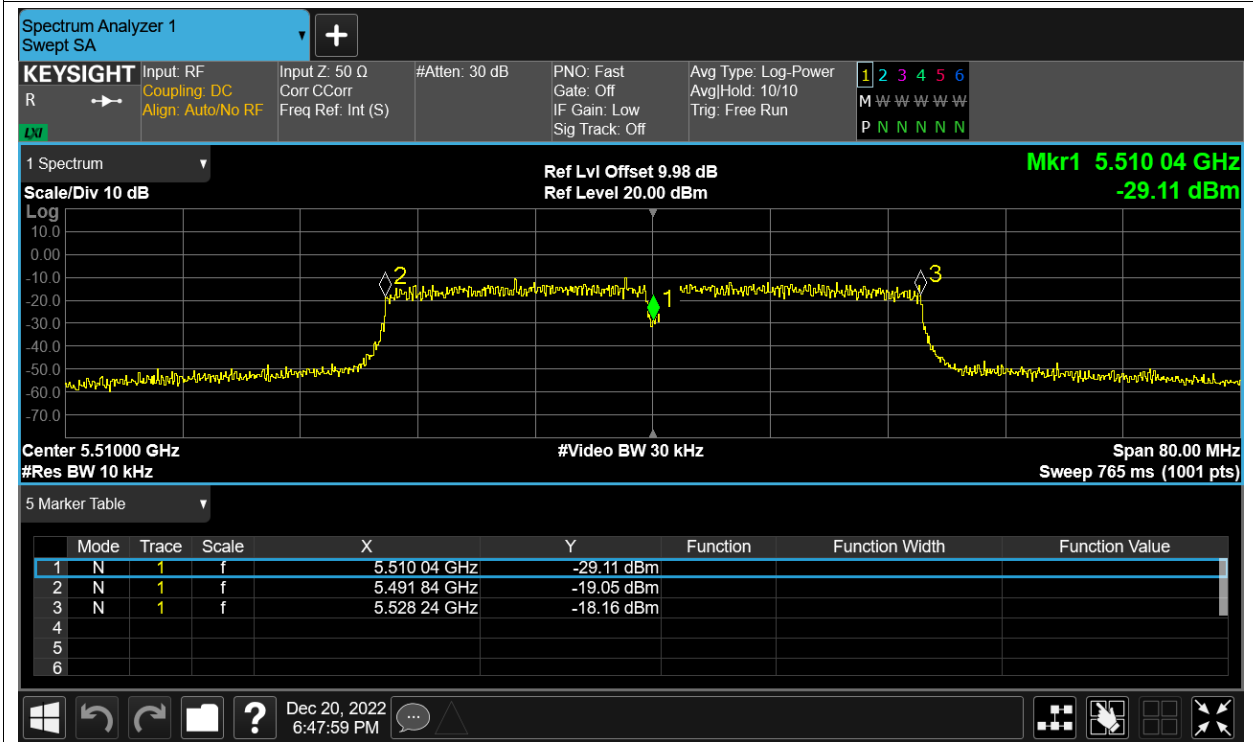
Freq. Stability HVNT n40 5510MHz Ant1



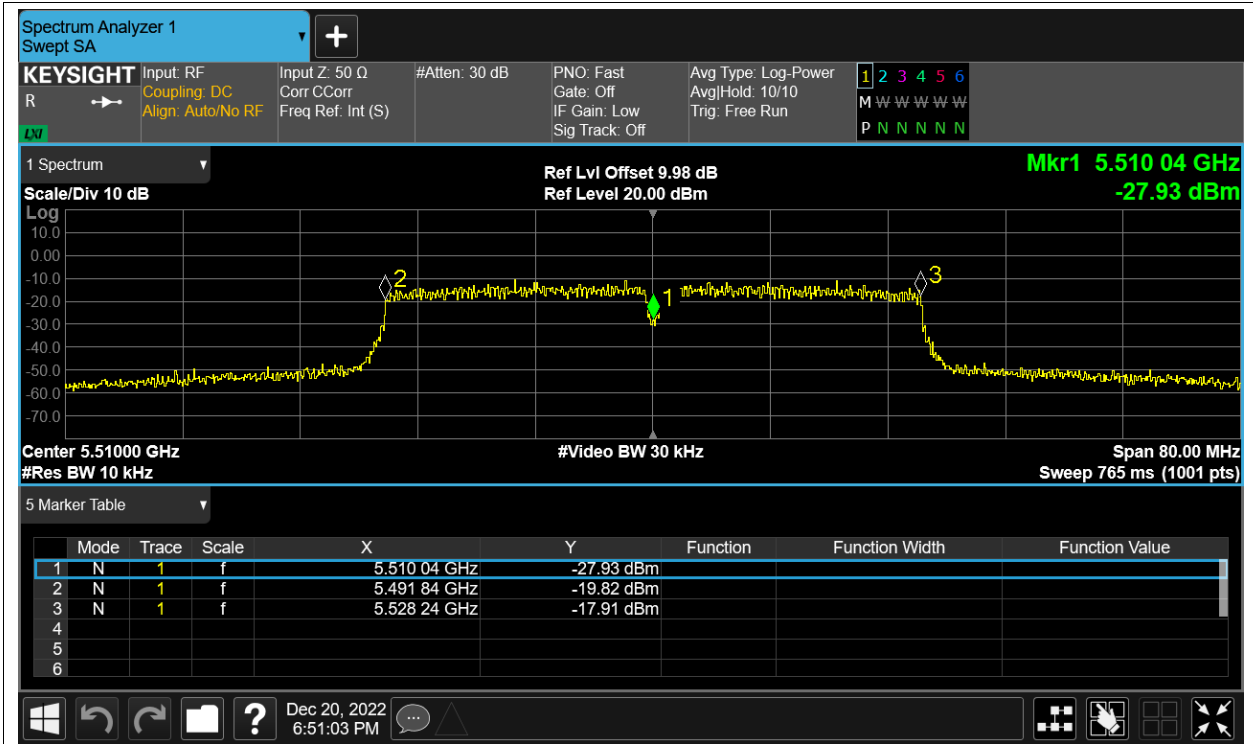
Freq. Stability LVNT n40 5510MHz Ant1



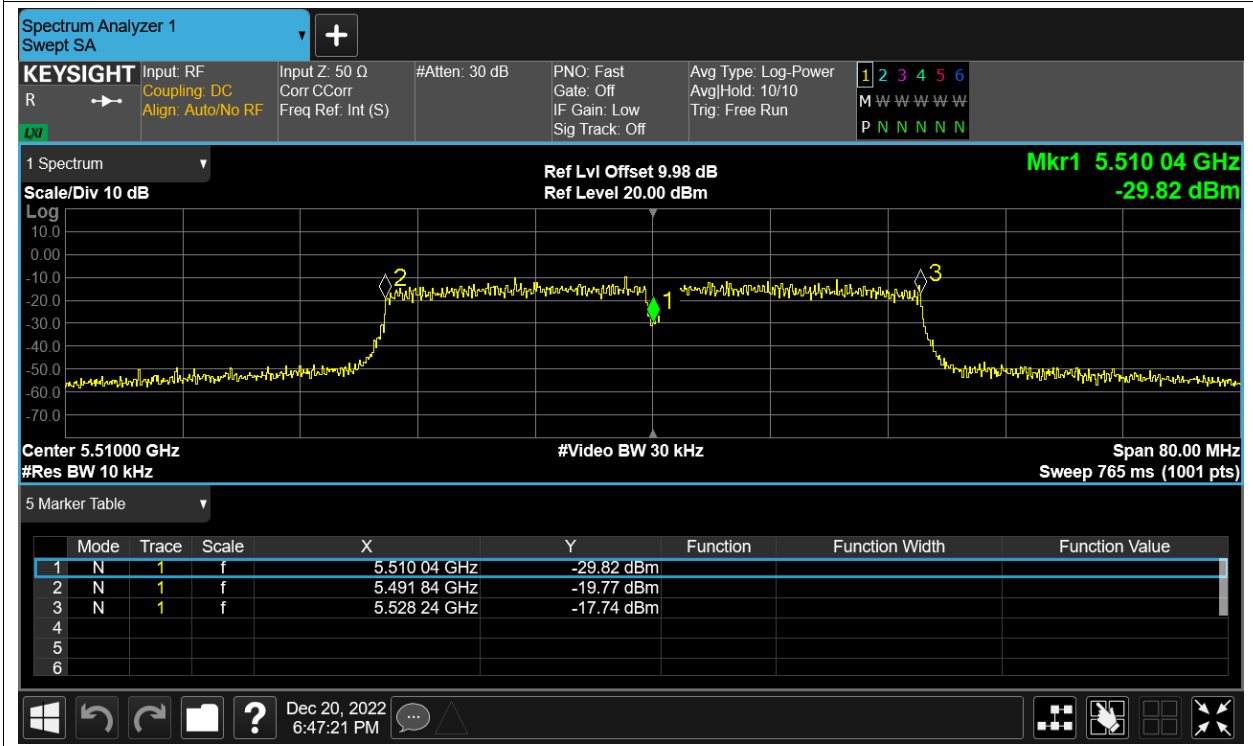
Freq. Stability NVHT n40 5510MHz Ant1



Freq. Stability NVLT n40 5510MHz Ant1



Freq. Stability NVNT n40 5510MHz Ant1

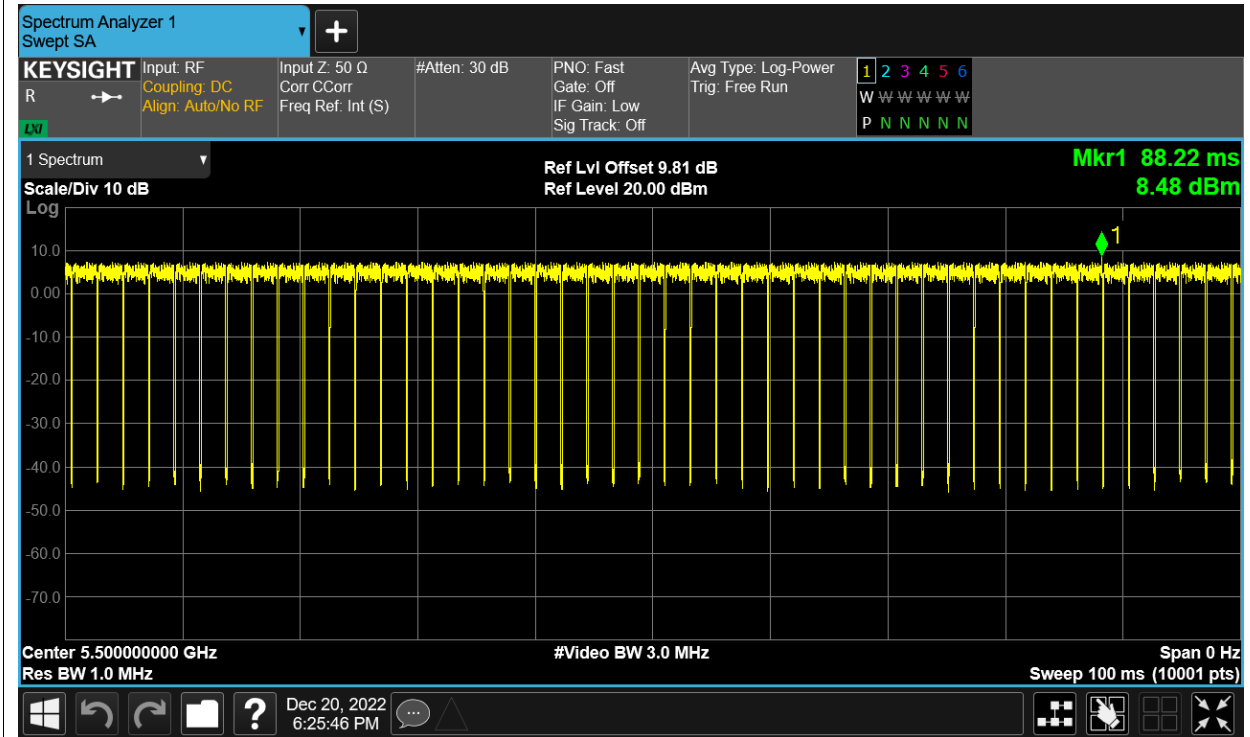


Duty Cycle

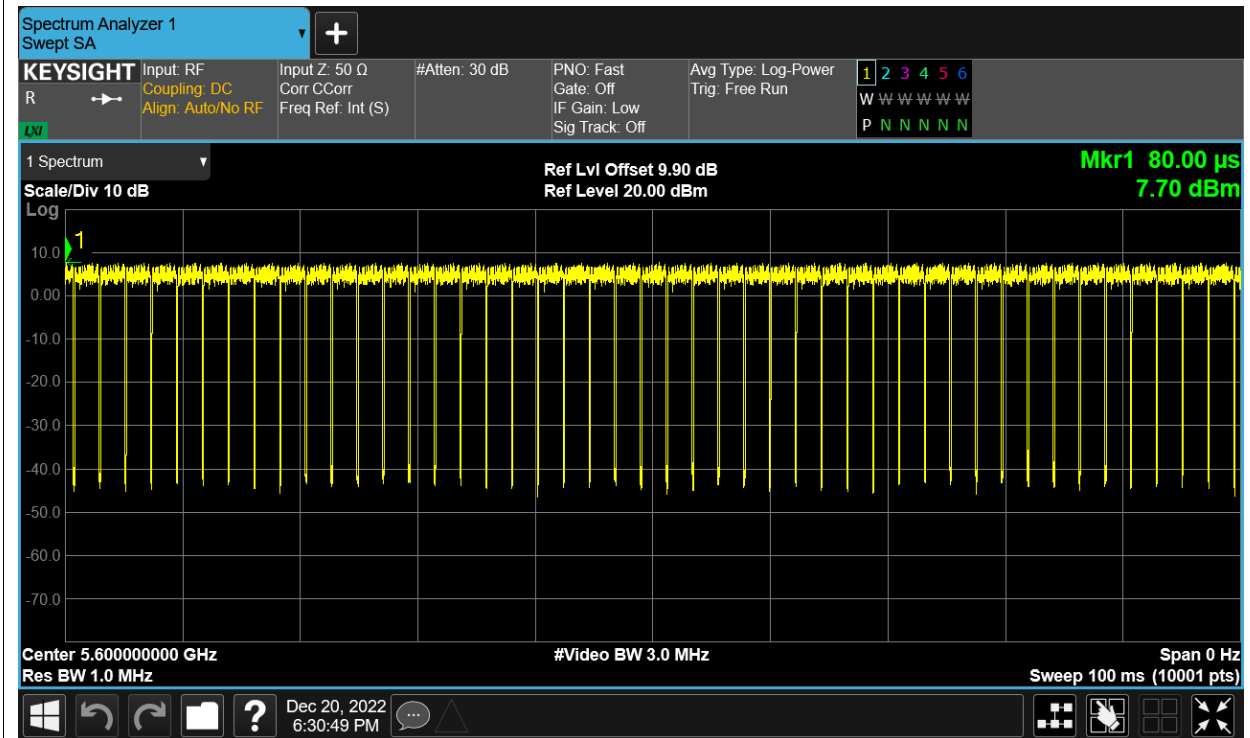
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	94.97	0.22
NVNT	a	5600	Ant1	95.06	0.22
NVNT	a	5700	Ant1	95.02	0.22
NVNT	n20	5500	Ant1	94.44	0.25
NVNT	n20	5600	Ant1	94.62	0.24
NVNT	n20	5700	Ant1	94.81	0.23
NVNT	n40	5510	Ant1	89.94	0.46
NVNT	n40	5590	Ant1	89.94	0.46
NVNT	n40	5670	Ant1	89.63	0.48

Test Graphs

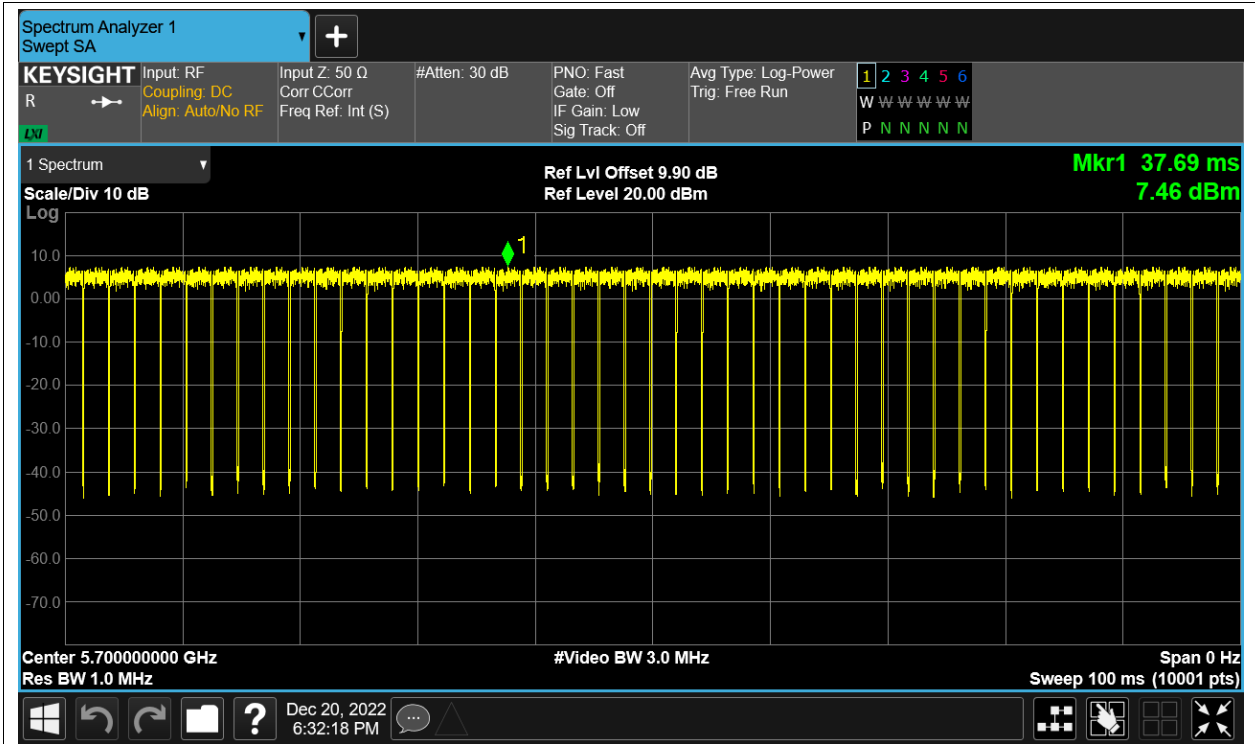
Duty Cycle NVNT a 5500MHz Ant1



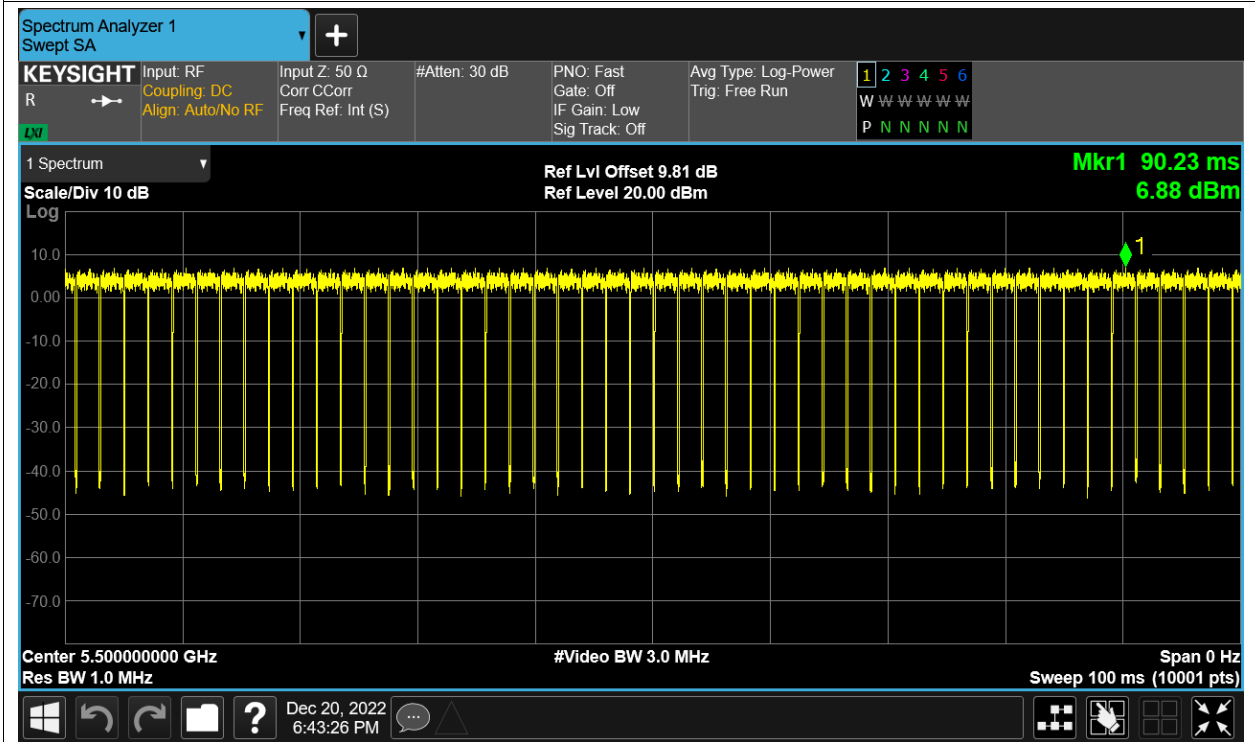
Duty Cycle NVNT a 5600MHz Ant1



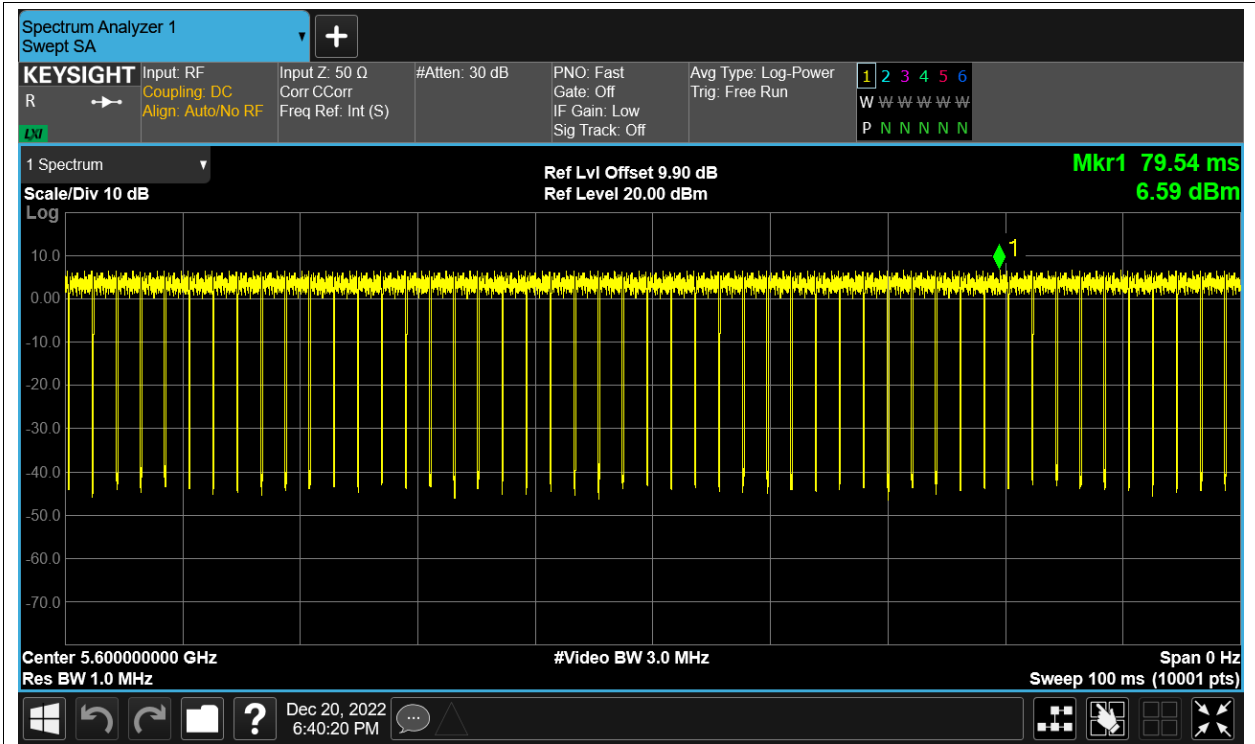
Duty Cycle NVNT a 5700MHz Ant1



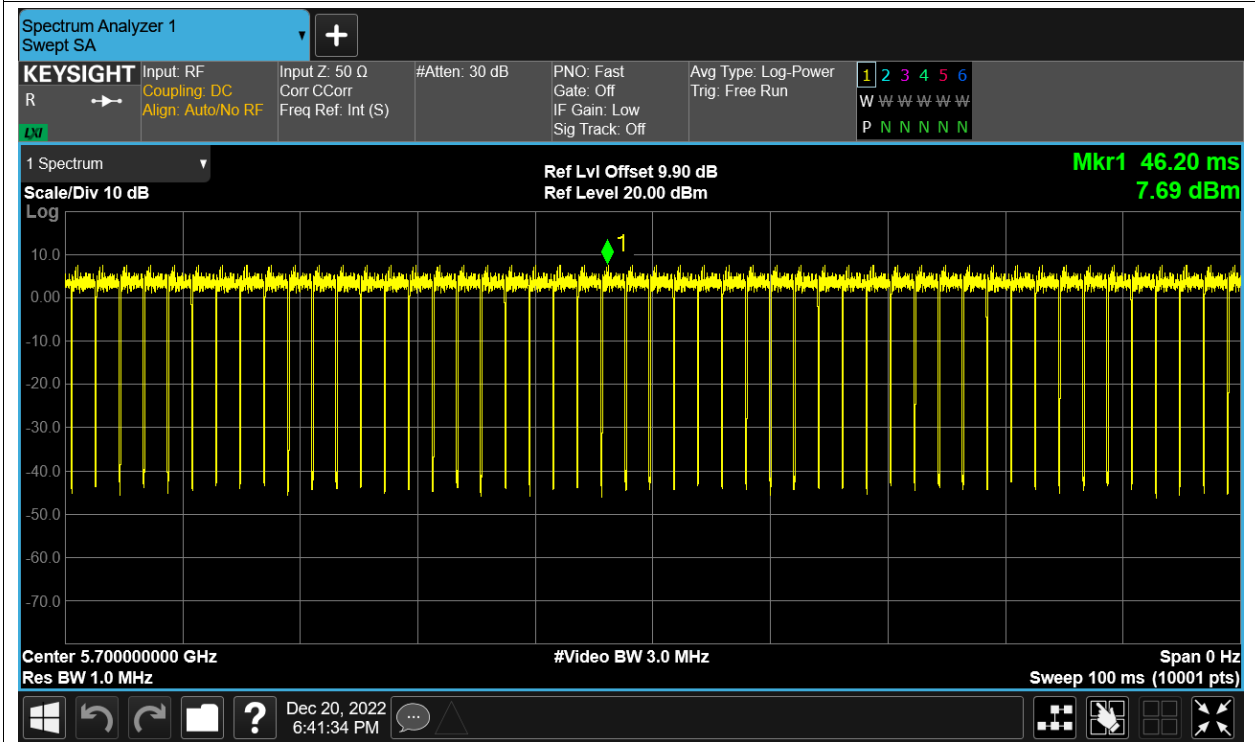
Duty Cycle NVNT n20 5500MHz Ant1



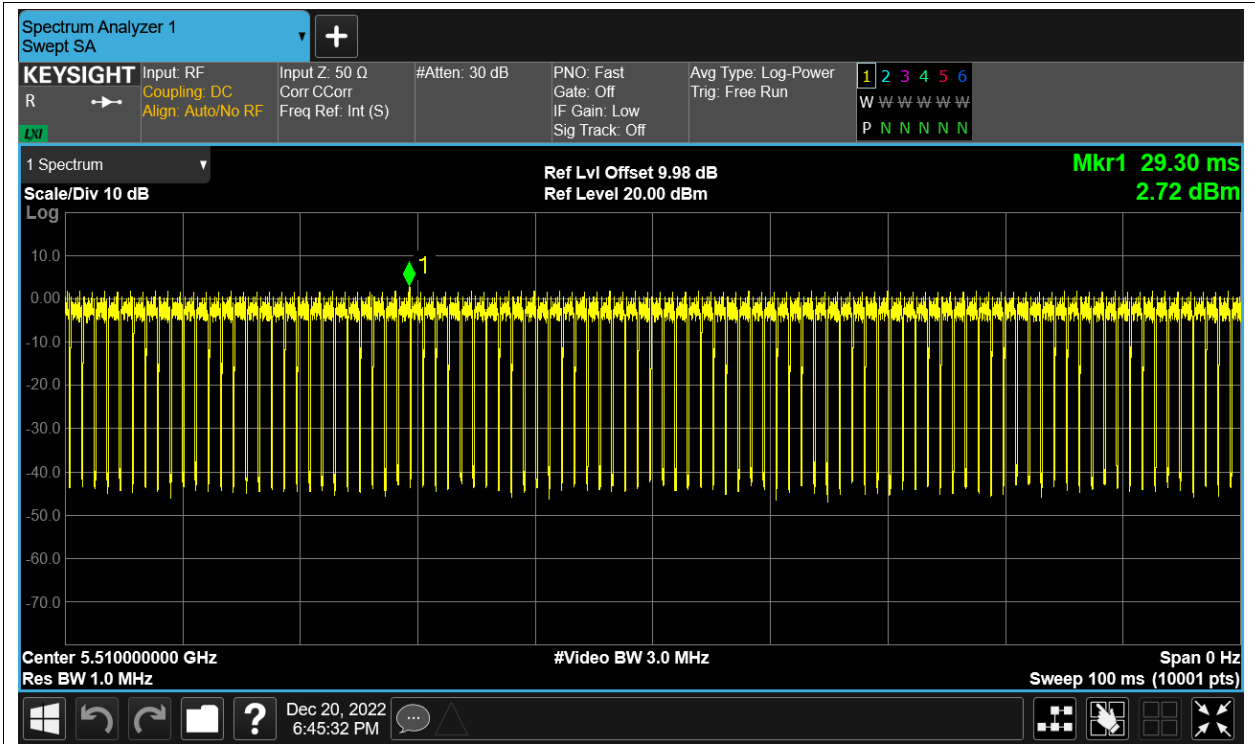
Duty Cycle NVNT n20 5600MHz Ant1



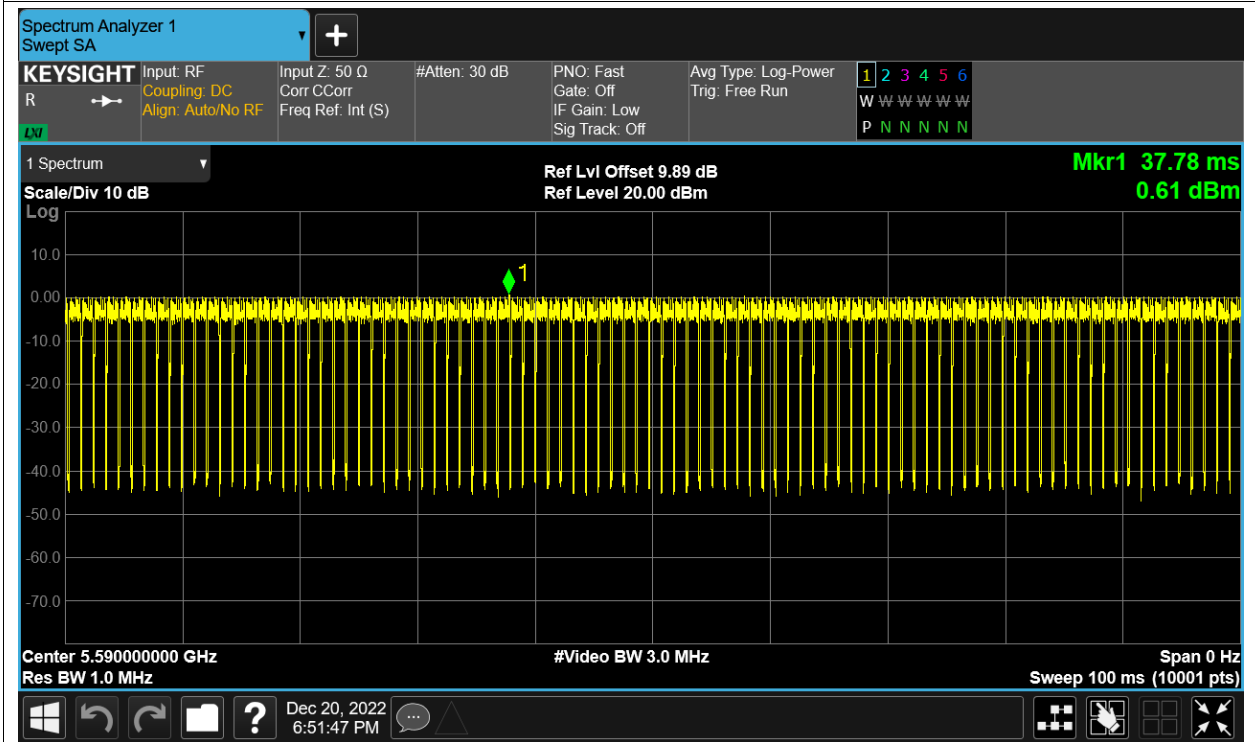
Duty Cycle NVNT n20 5700MHz Ant1



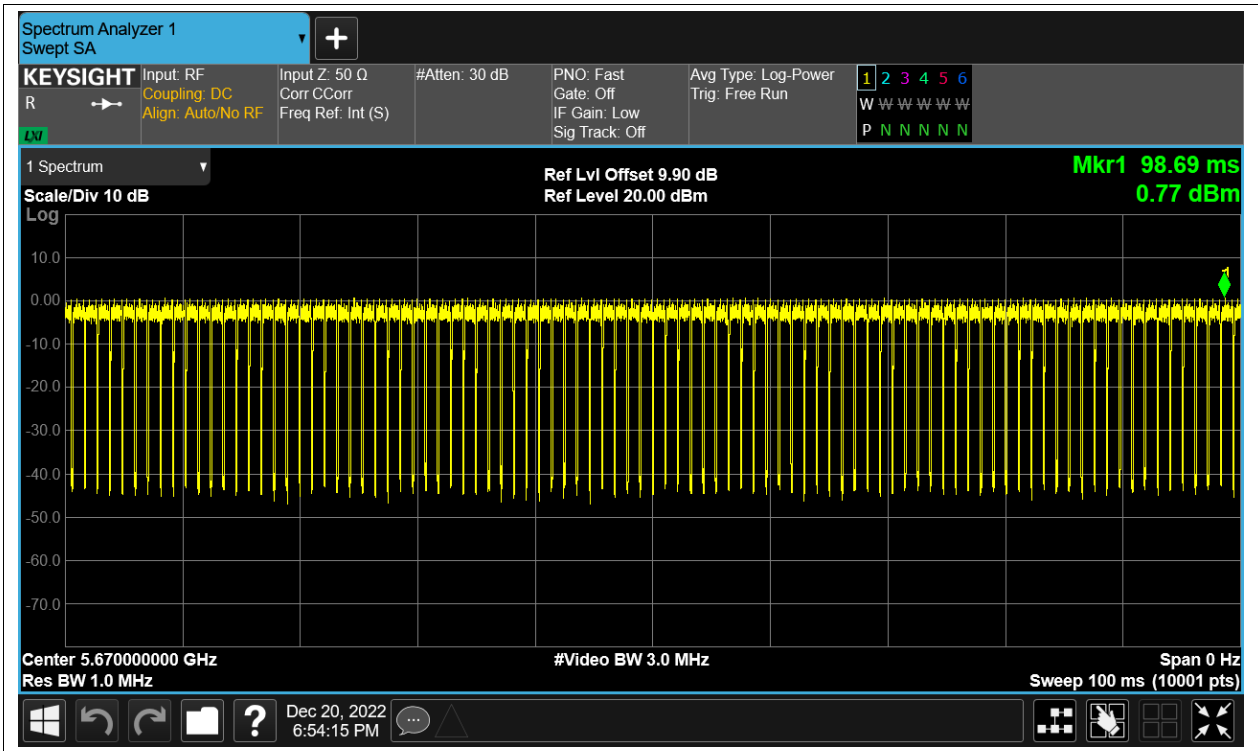
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



Duty Cycle NVNT n40 5670MHz Ant1



Maximum Conducted Output Power

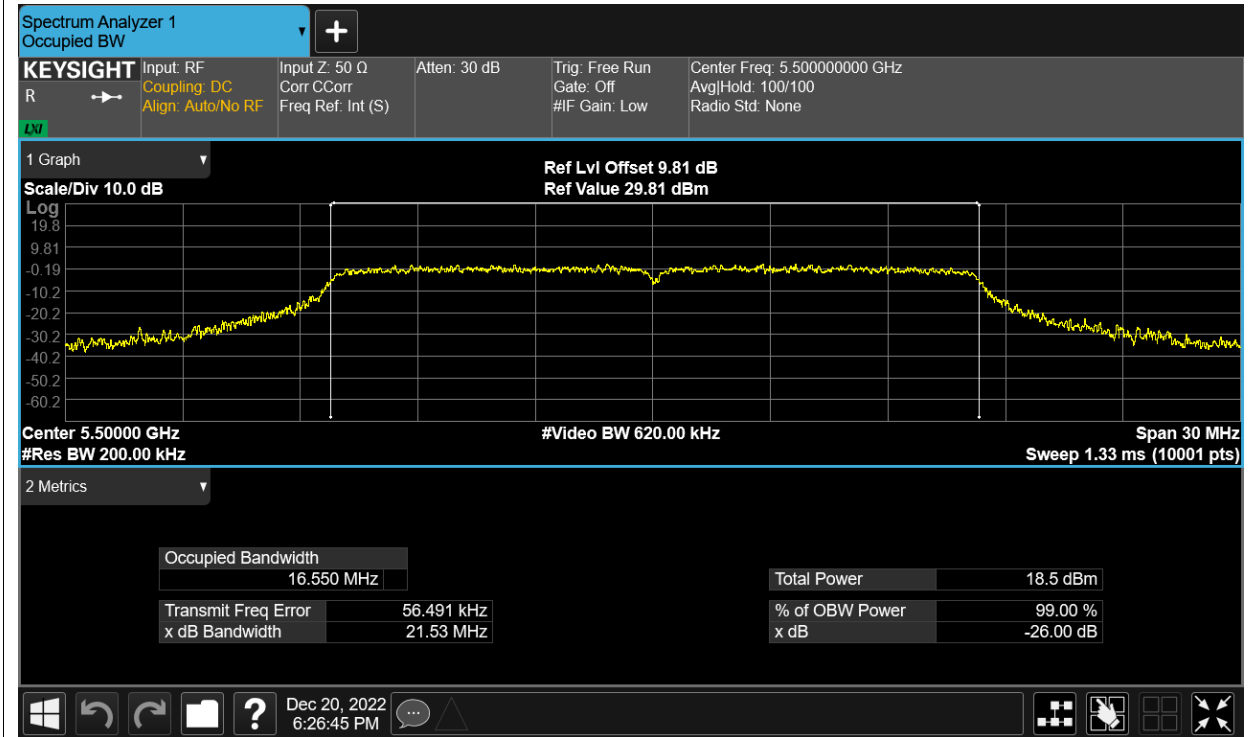
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.62	0.22	13.84	24	Pass
NVNT	a	5600	Ant1	12.91	0.22	13.13	24	Pass
NVNT	a	5700	Ant1	13.18	0.22	13.4	24	Pass
NVNT	n20	5500	Ant1	12.47	0.25	12.72	24	Pass
NVNT	n20	5600	Ant1	11.78	0.24	12.02	24	Pass
NVNT	n20	5700	Ant1	11.91	0.23	12.14	24	Pass
NVNT	n40	5510	Ant1	12.45	0.46	12.91	24	Pass
NVNT	n40	5590	Ant1	11.77	0.46	12.23	24	Pass
NVNT	n40	5670	Ant1	12.08	0.48	12.56	24	Pass

Occupied Channel Bandwidth

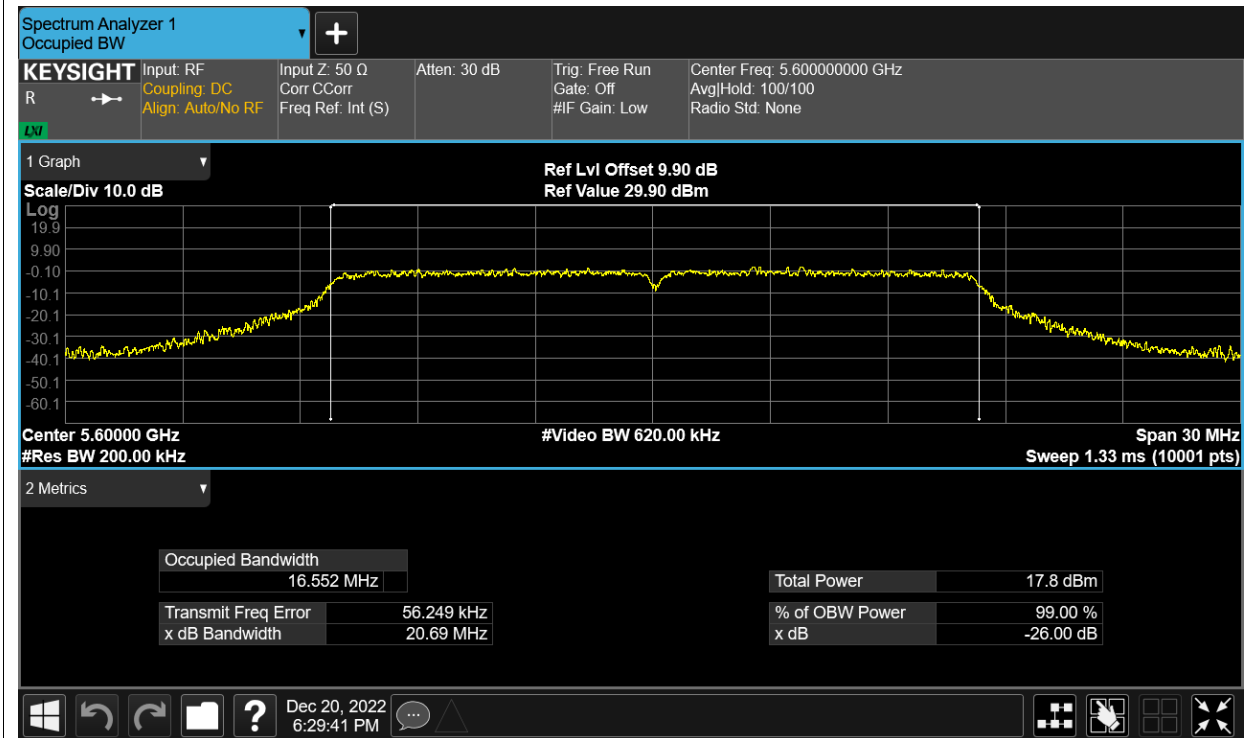
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.55
NVNT	a	5600	Ant1	16.552
NVNT	a	5700	Ant1	16.549
NVNT	n20	5500	Ant1	17.644
NVNT	n20	5600	Ant1	17.628
NVNT	n20	5700	Ant1	17.619
NVNT	n40	5510	Ant1	35.858
NVNT	n40	5590	Ant1	35.855
NVNT	n40	5670	Ant1	35.818

Test Graphs

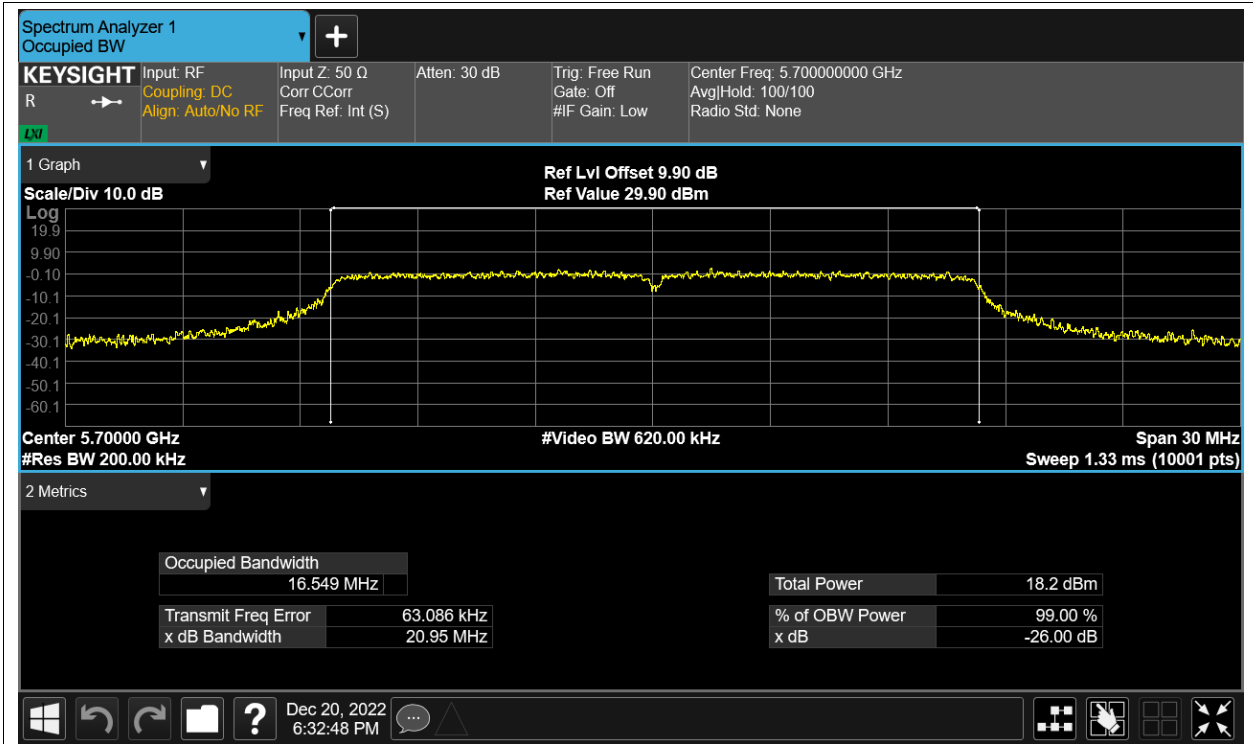
OBW NVNT a 5500MHz Ant1



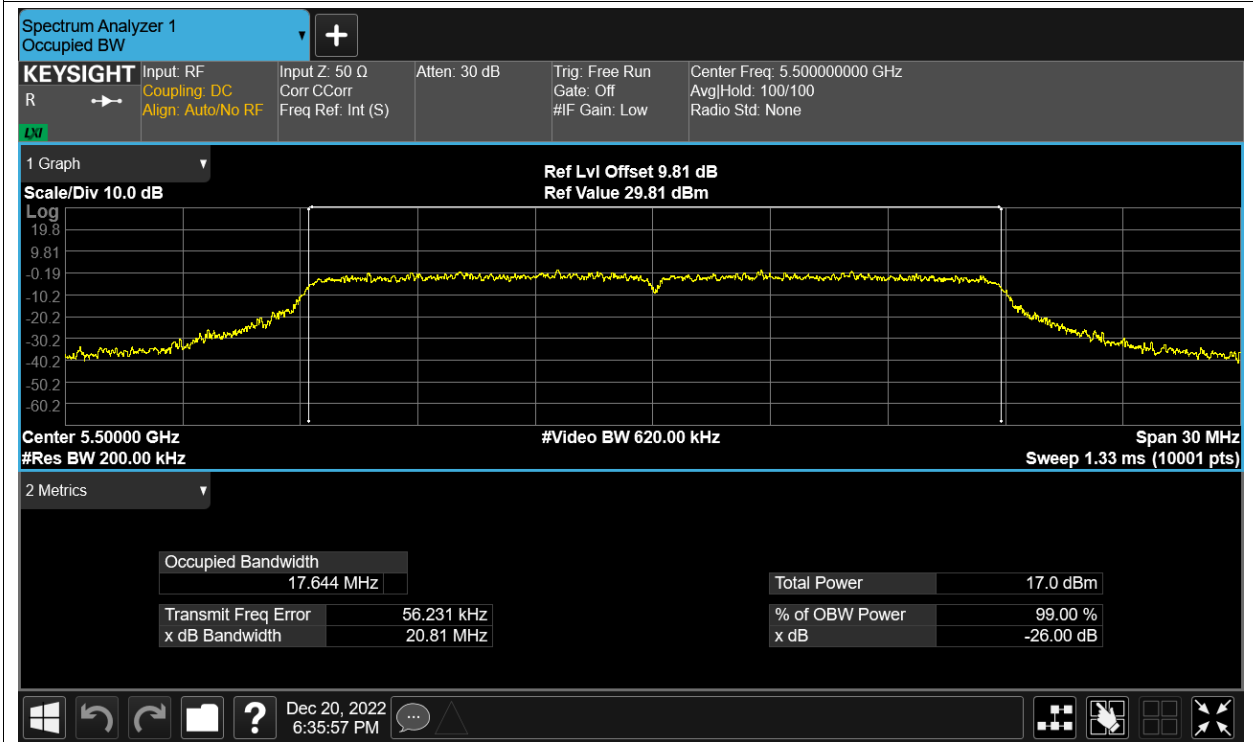
OBW NVNT a 5600MHz Ant1



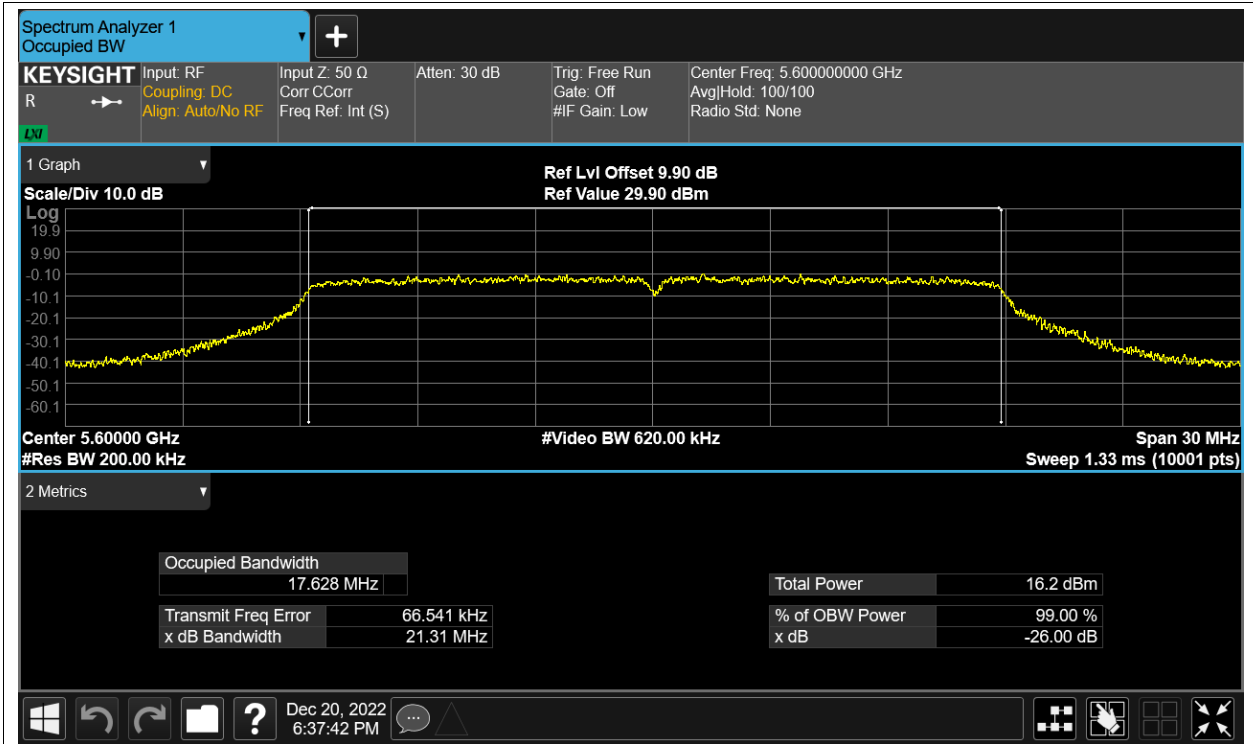
OBW NVNT a 5700MHz Ant1



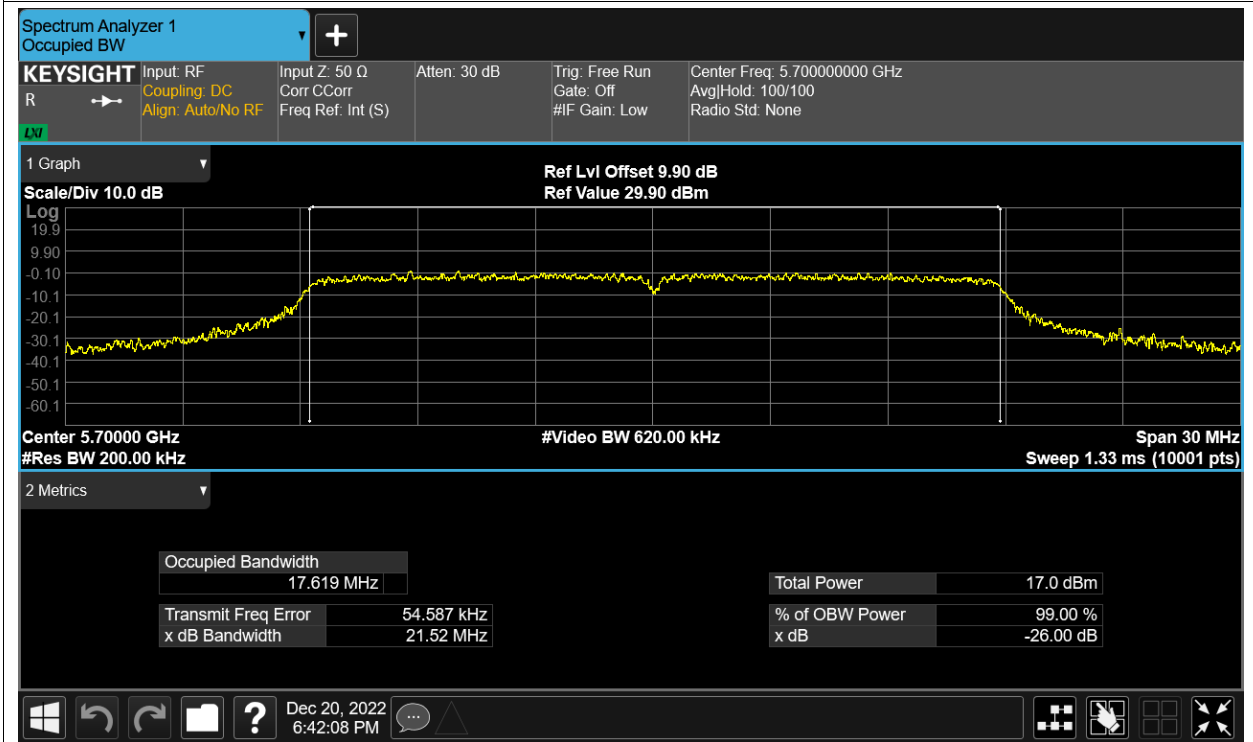
OBW NVNT n20 5500MHz Ant1



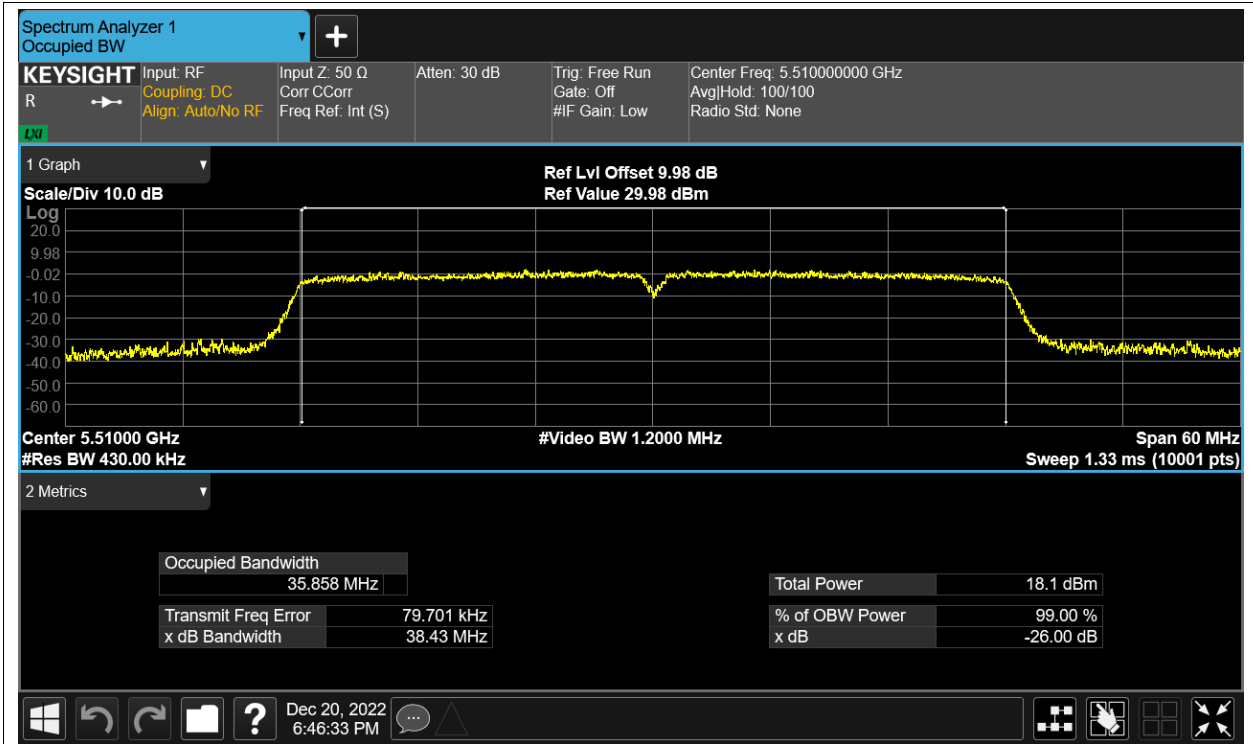
OBW NVNT n20 5600MHz Ant1



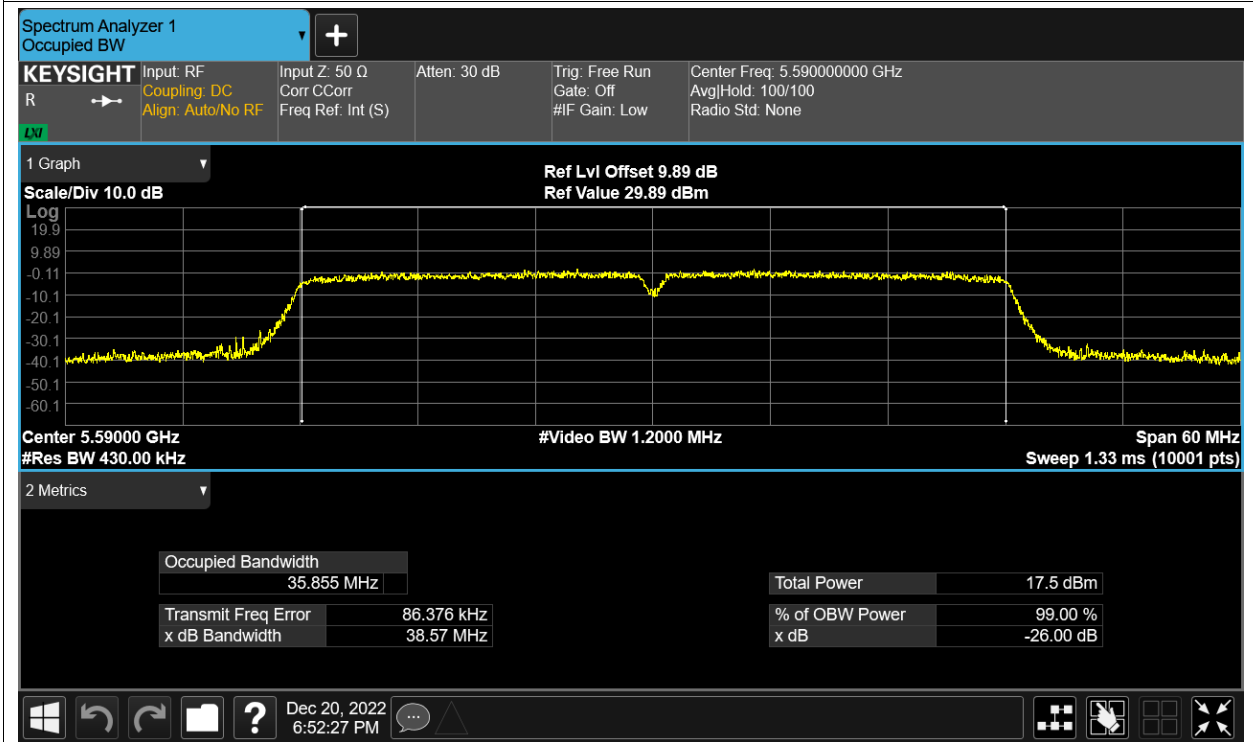
OBW NVNT n20 5700MHz Ant1



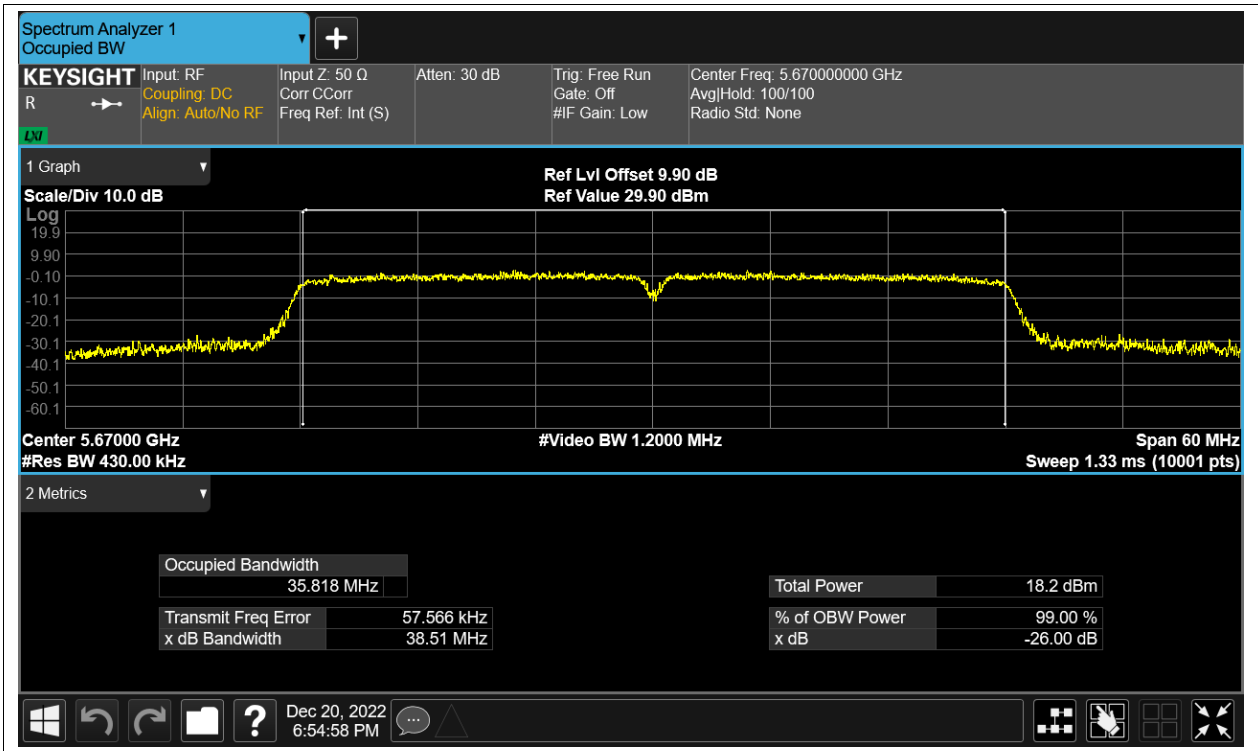
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



OBW NVNT n40 5670MHz Ant1

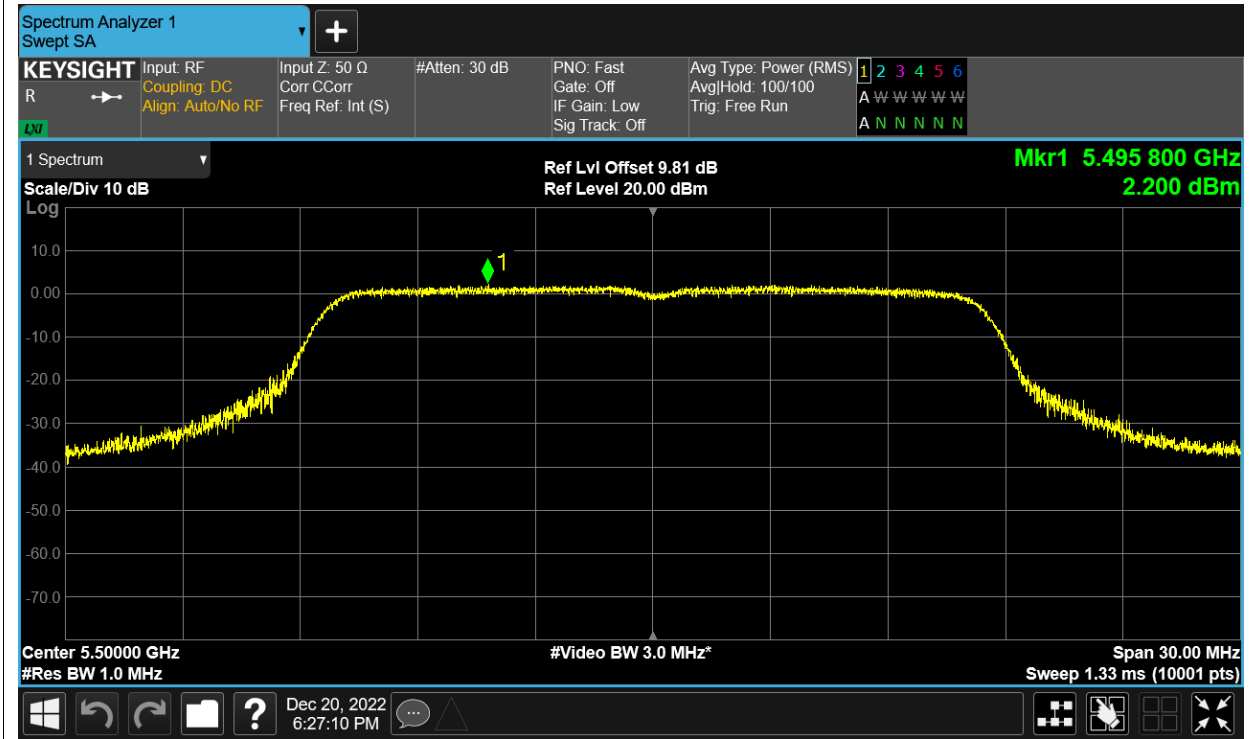


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	2.2	11	Pass
NVNT	a	5600	Ant1	1.906	11	Pass
NVNT	a	5700	Ant1	2.069	11	Pass
NVNT	n20	5500	Ant1	1.214	11	Pass
NVNT	n20	5600	Ant1	0.332	11	Pass
NVNT	n20	5700	Ant1	0.655	11	Pass
NVNT	n40	5510	Ant1	-1.456	11	Pass
NVNT	n40	5590	Ant1	-1.954	11	Pass
NVNT	n40	5667	Ant1	-1.501	11	Pass

Test Graphs

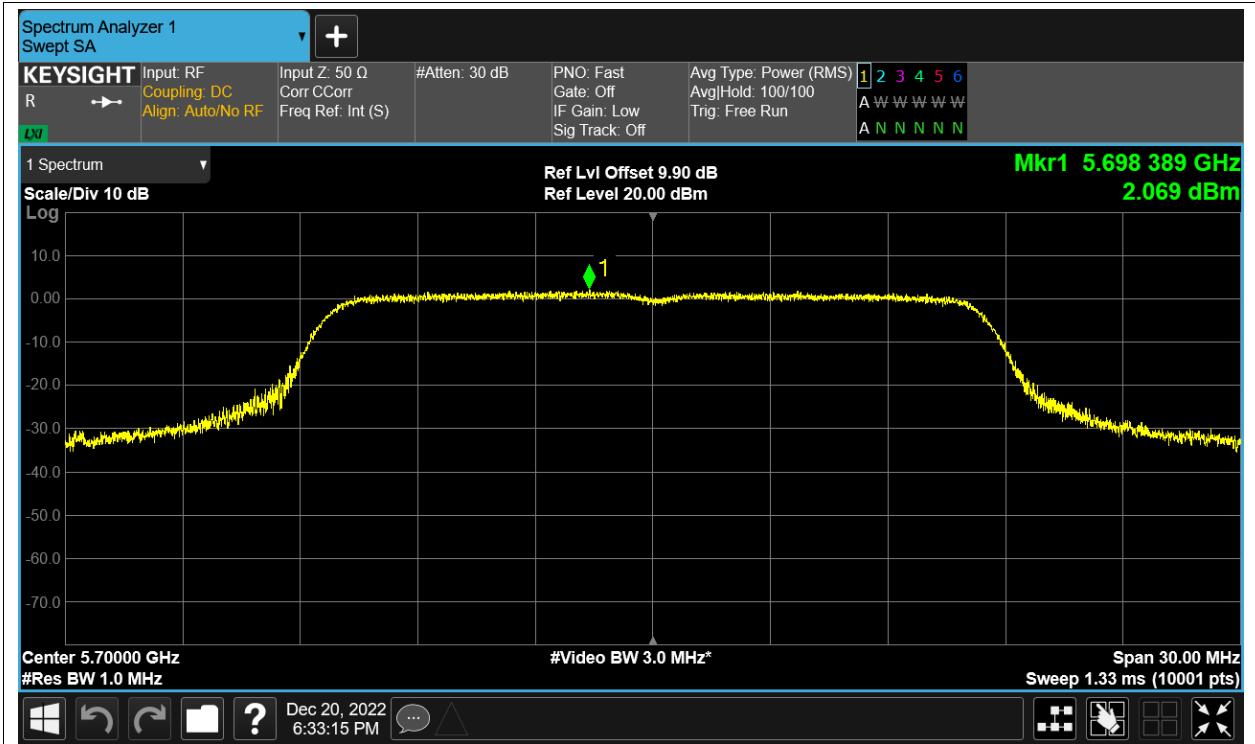
PSD NVNT a 5500MHz Ant1



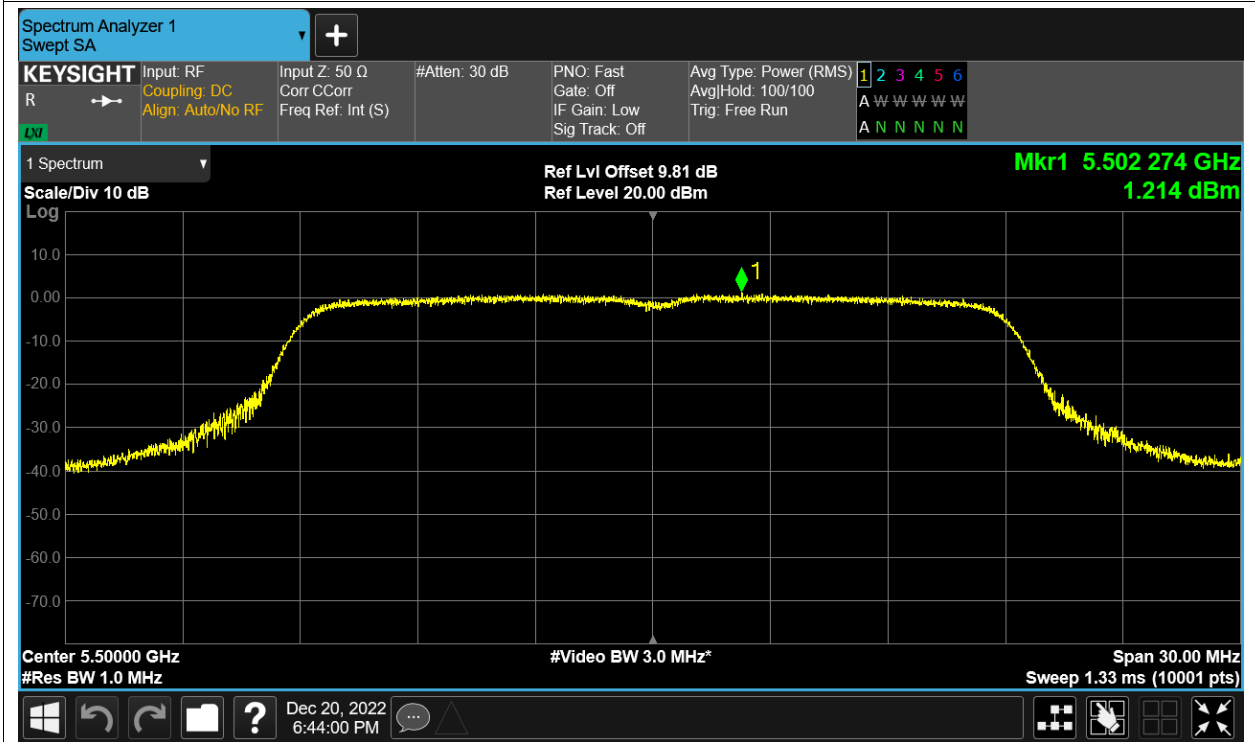
PSD NVNT a 5600MHz Ant1



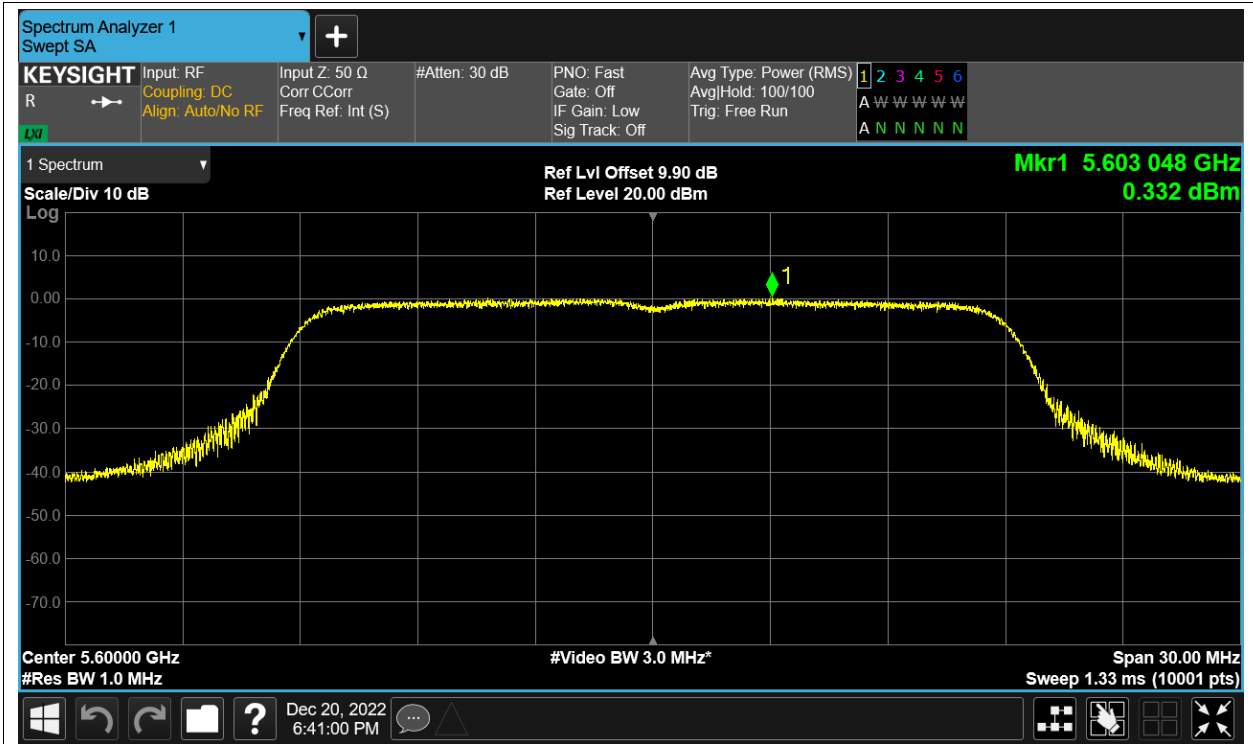
PSD NVNT a 5700MHz Ant1



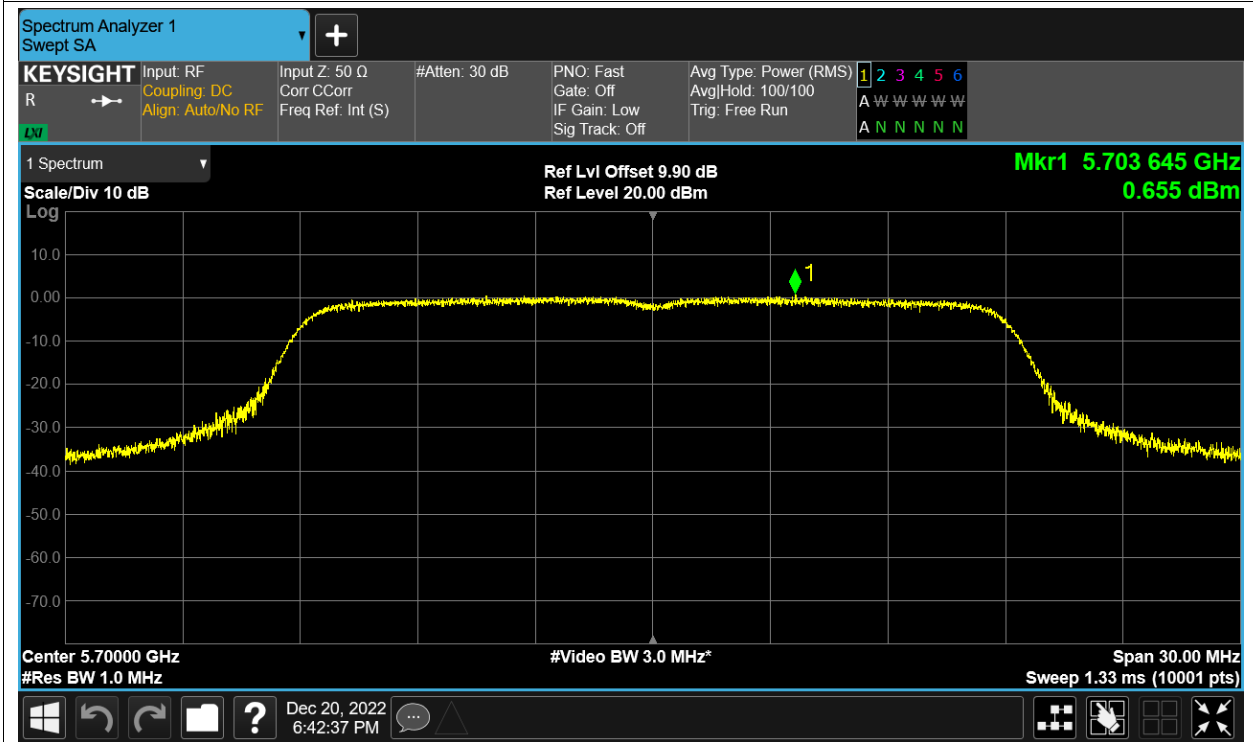
PSD NVNT n20 5500MHz Ant1



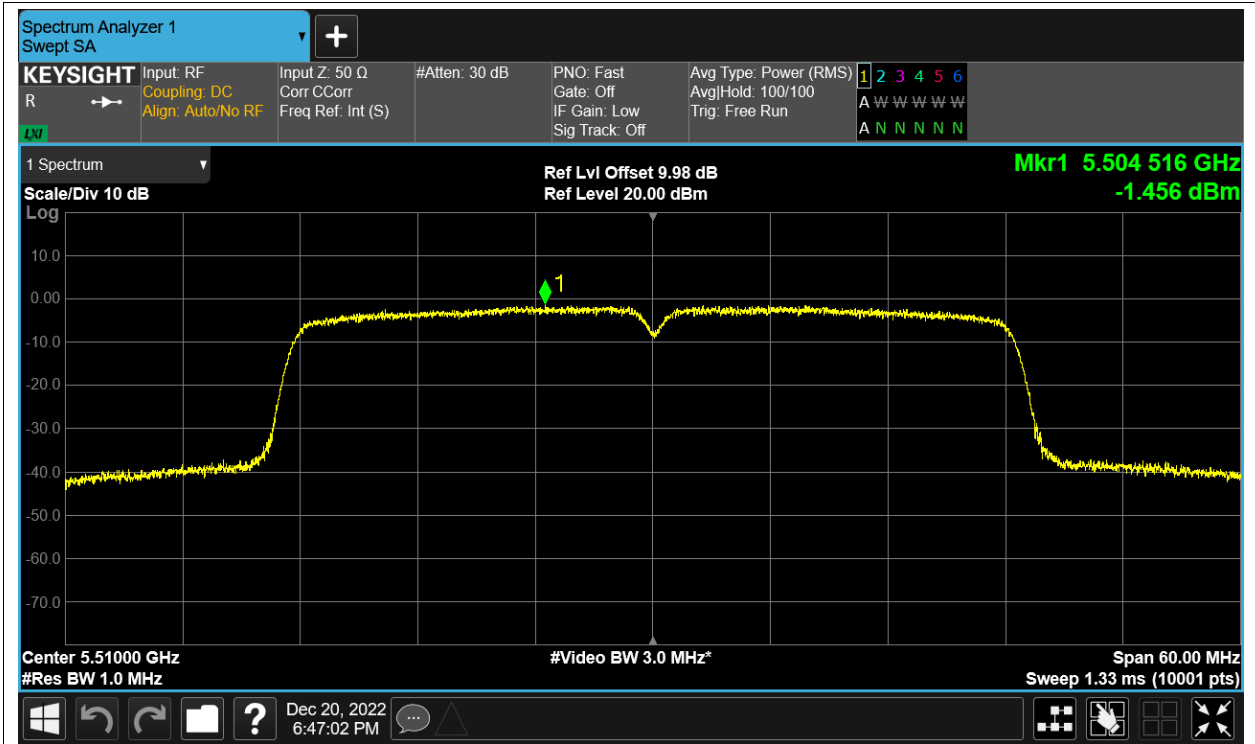
PSD NVNT n20 5600MHz Ant1



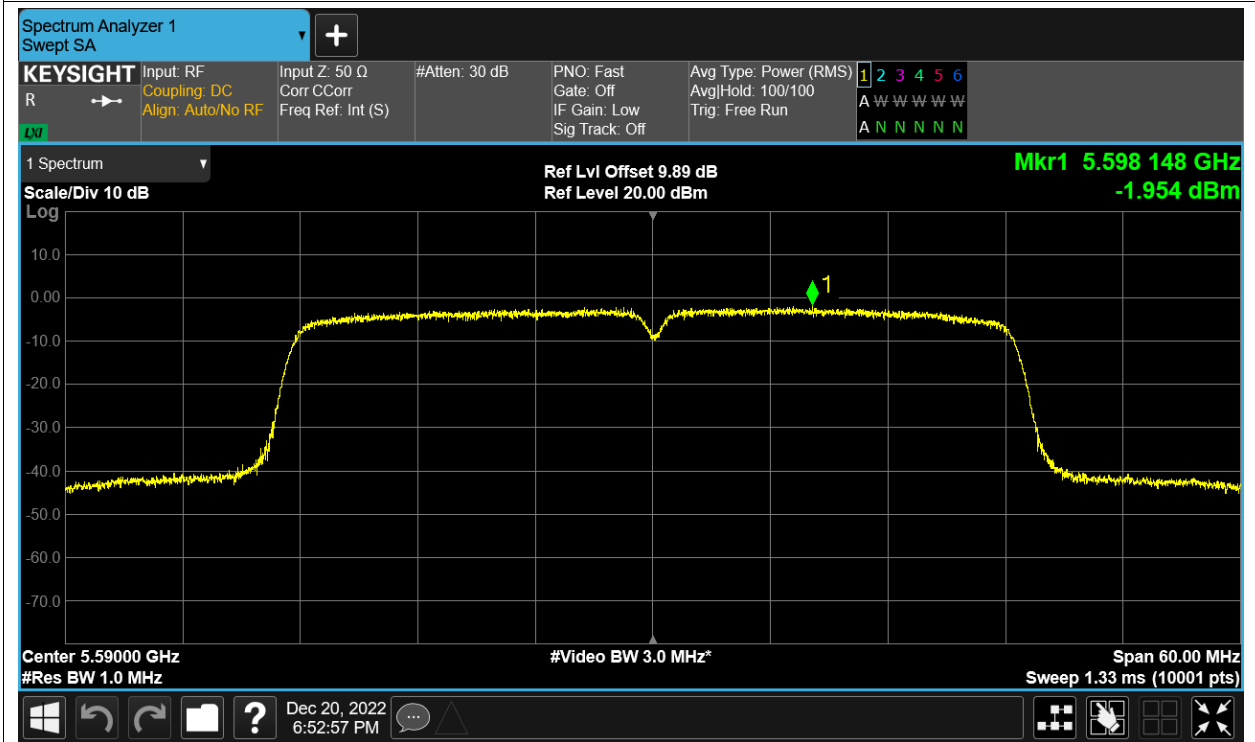
PSD NVNT n20 5700MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5667MHz Ant1

