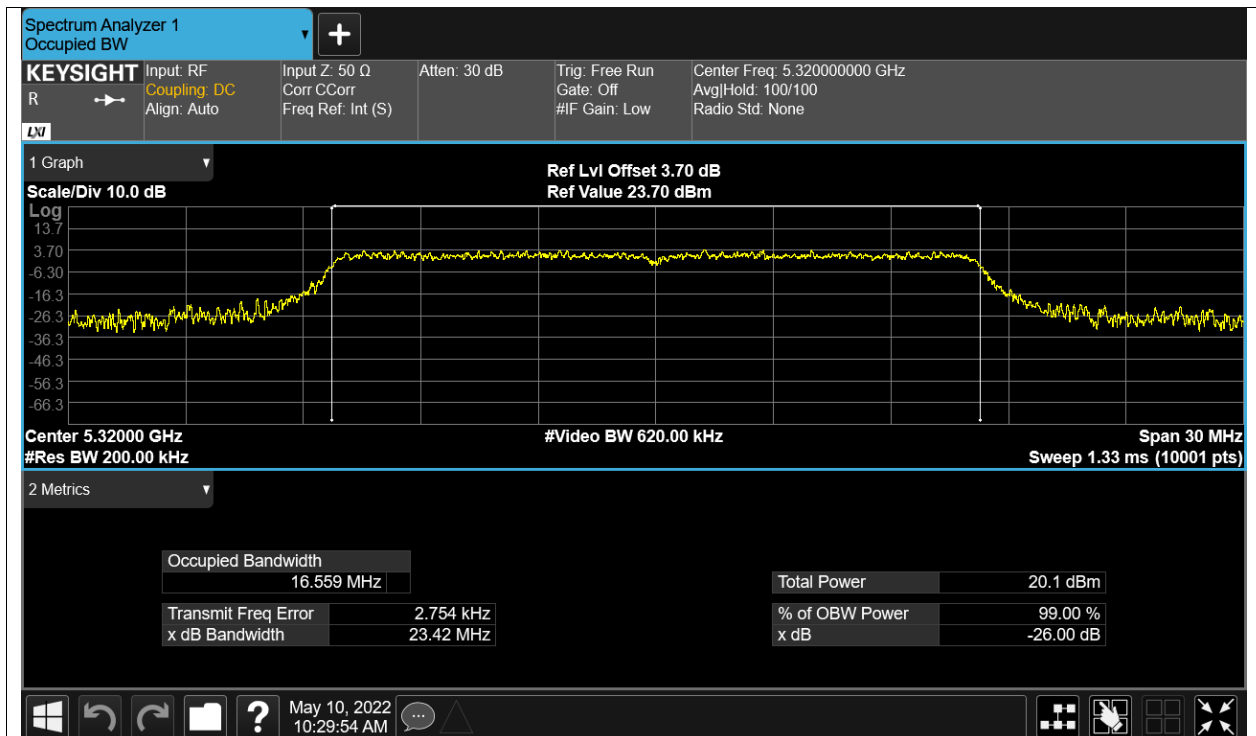
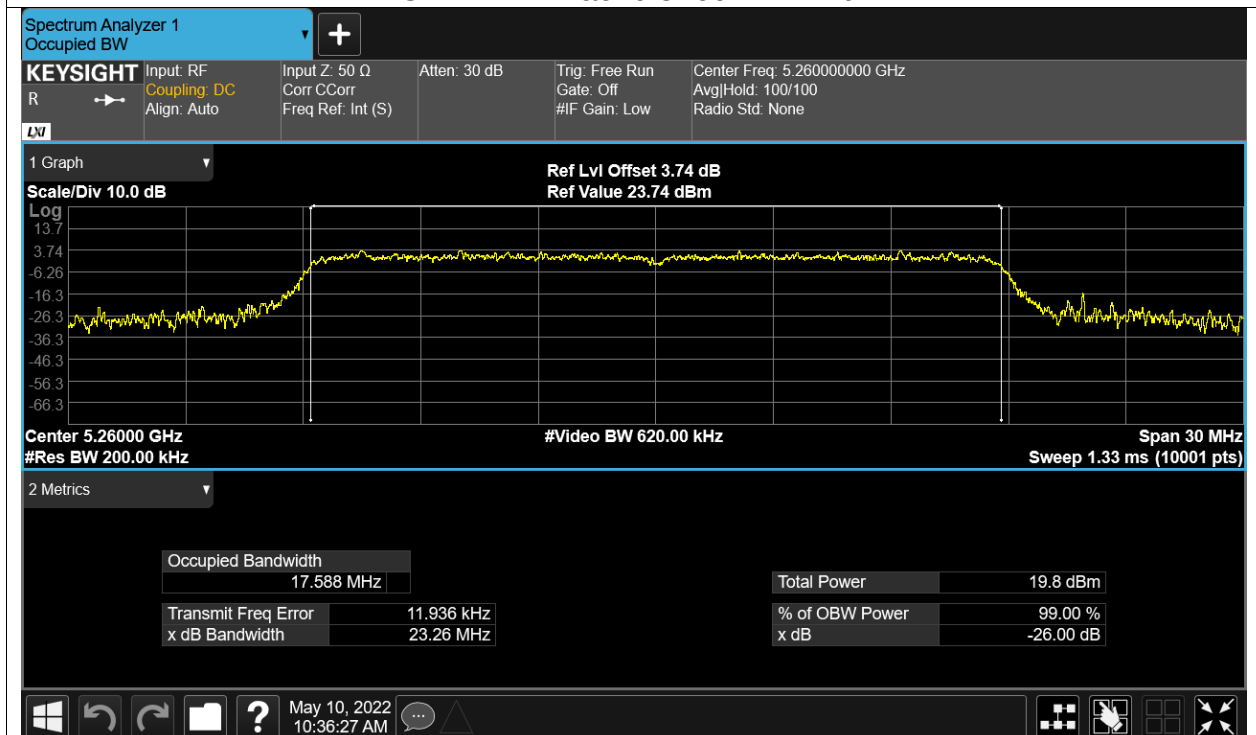
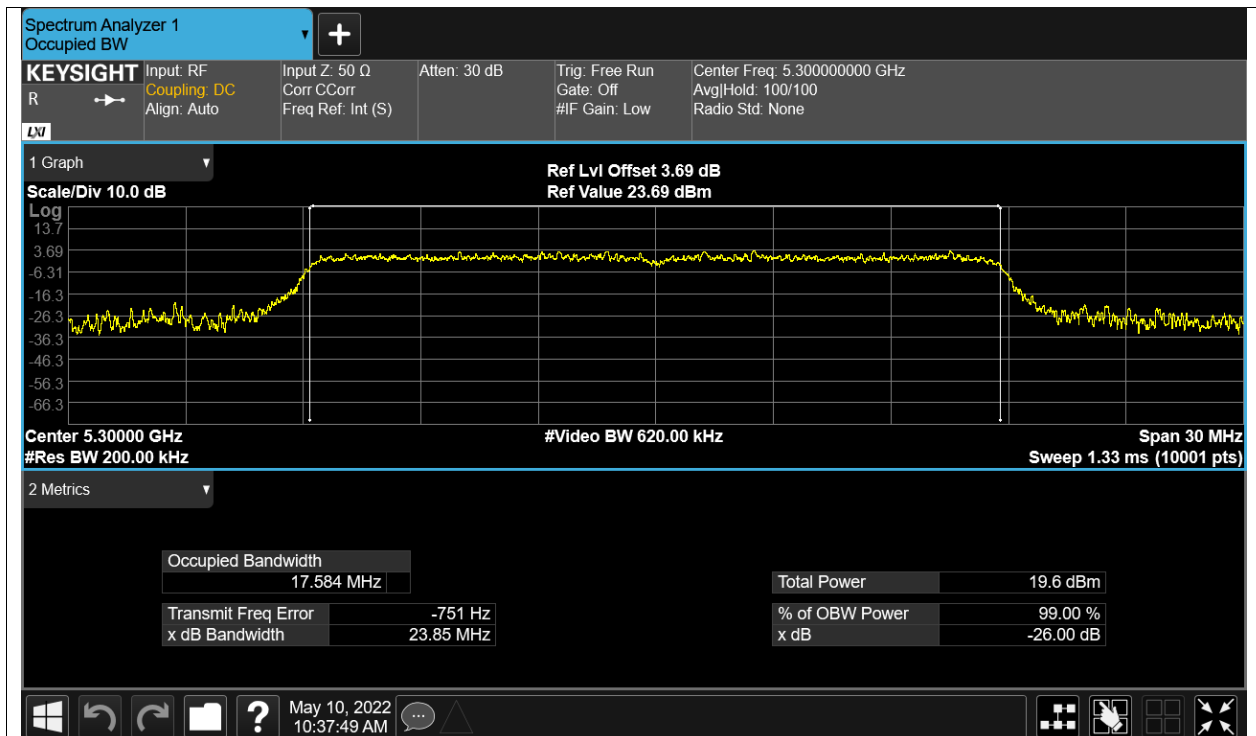




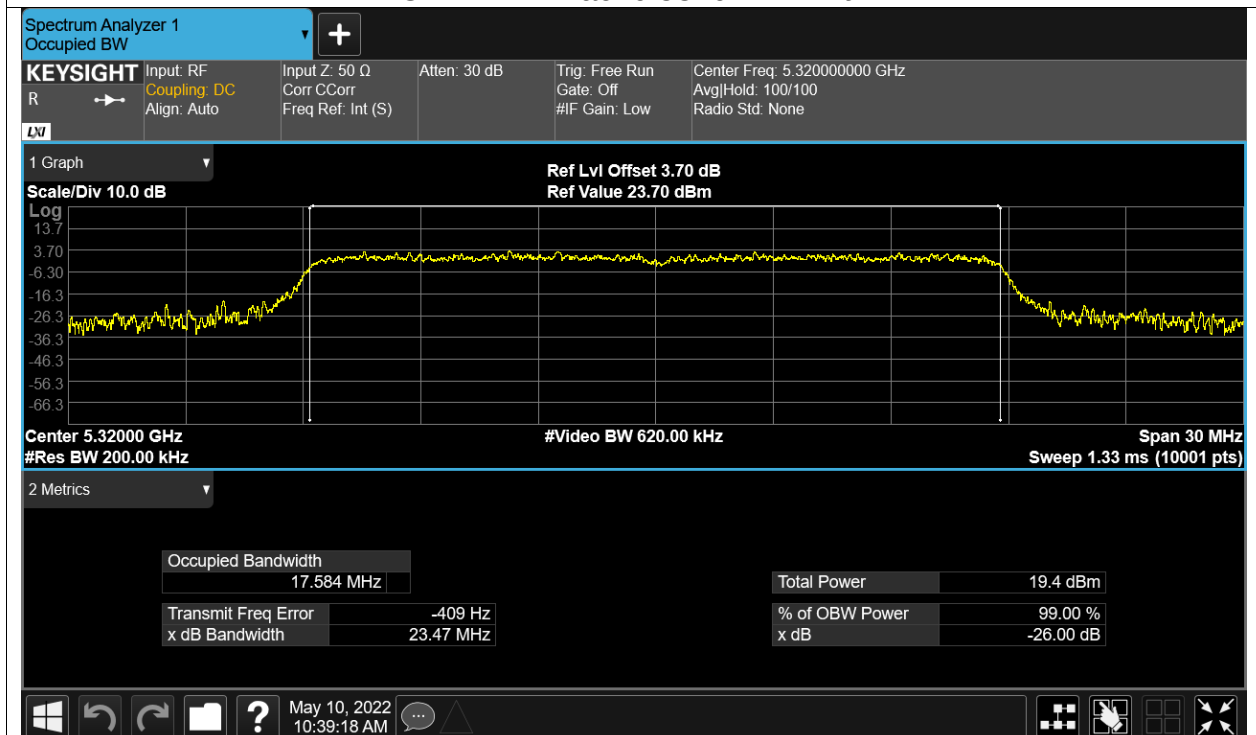
OBW NVNT ac20 5260MHz Ant1



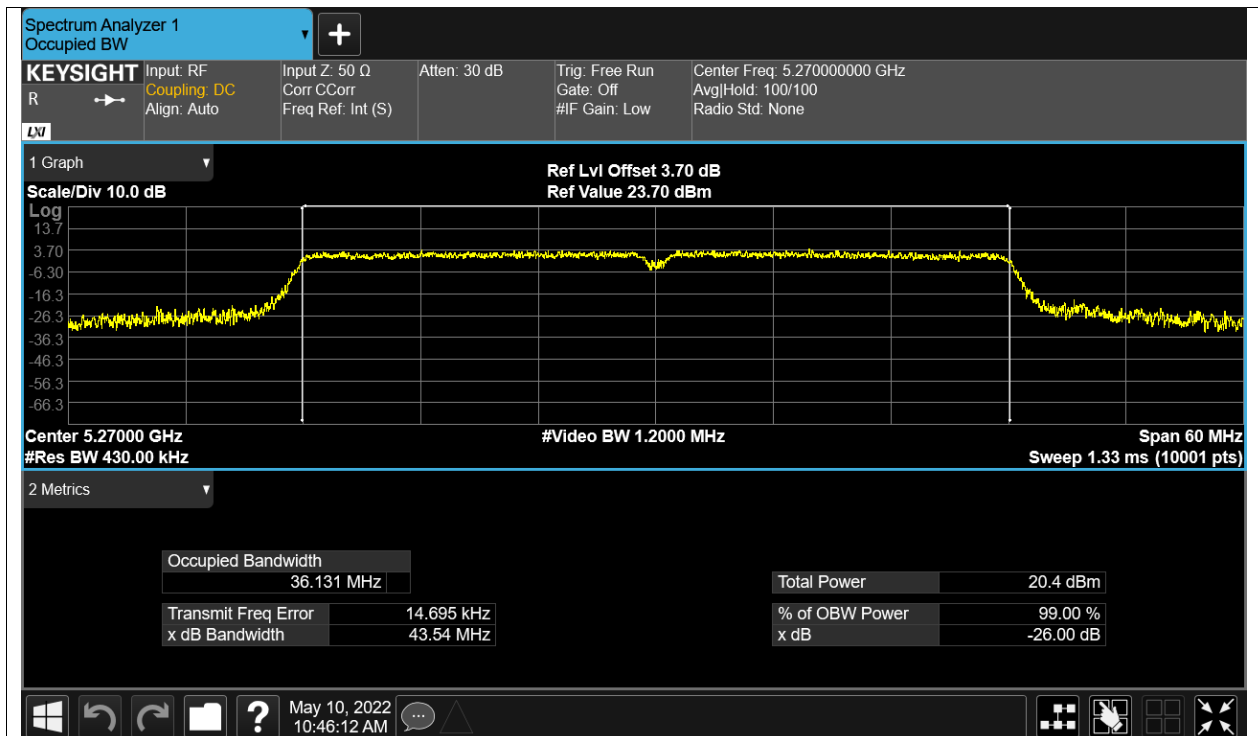
OBW NVNT ac20 5300MHz Ant1



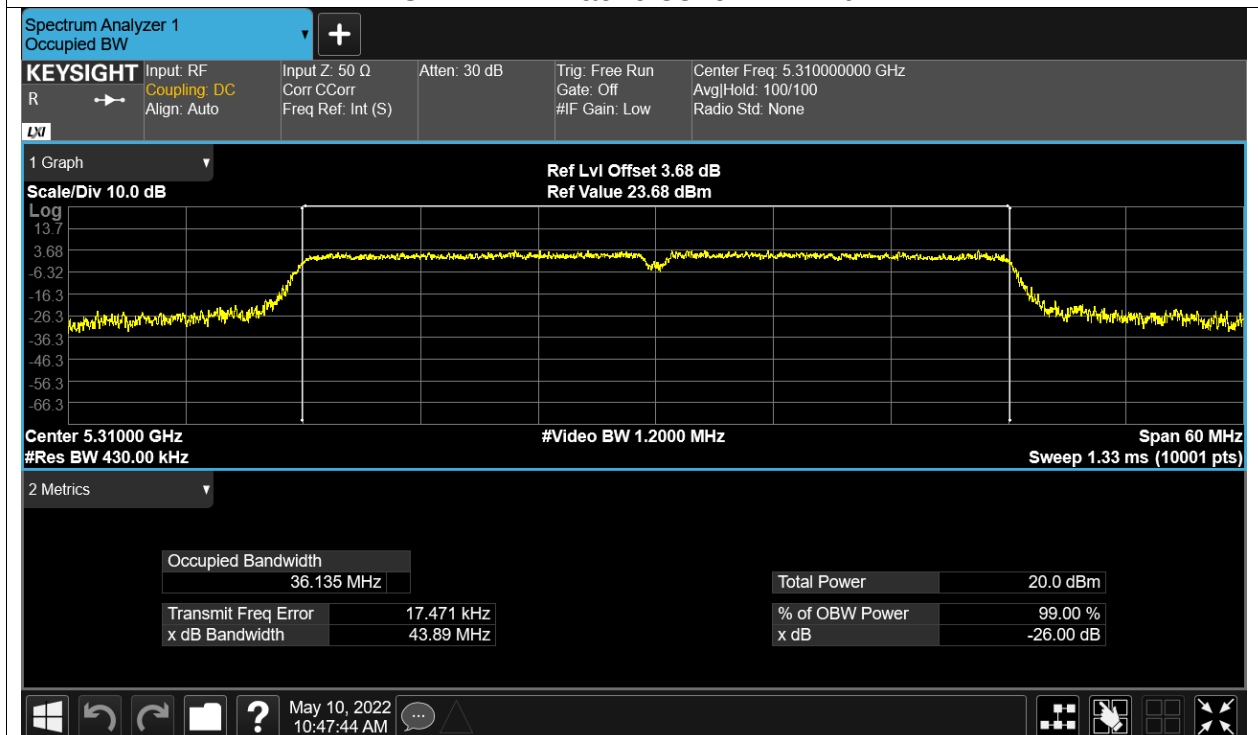
OBW NVNT ac20 5320MHz Ant1



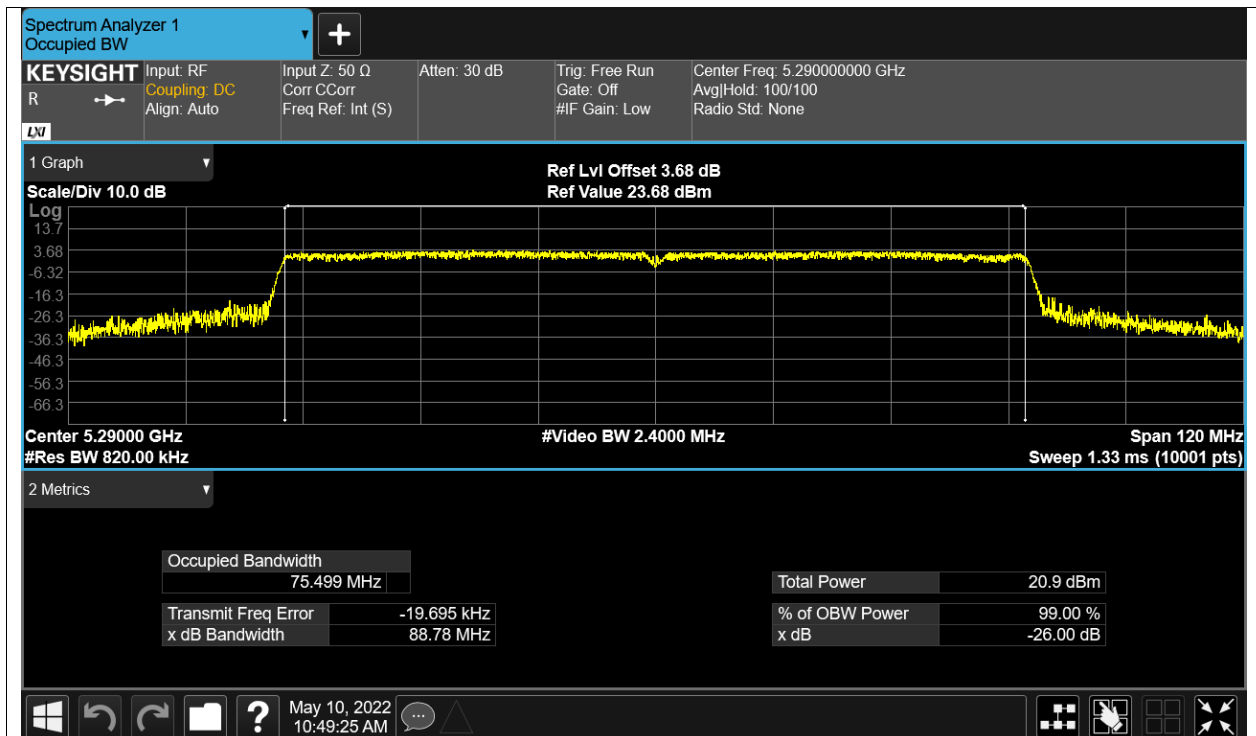
OBW NVNT ac40 5270MHz Ant1



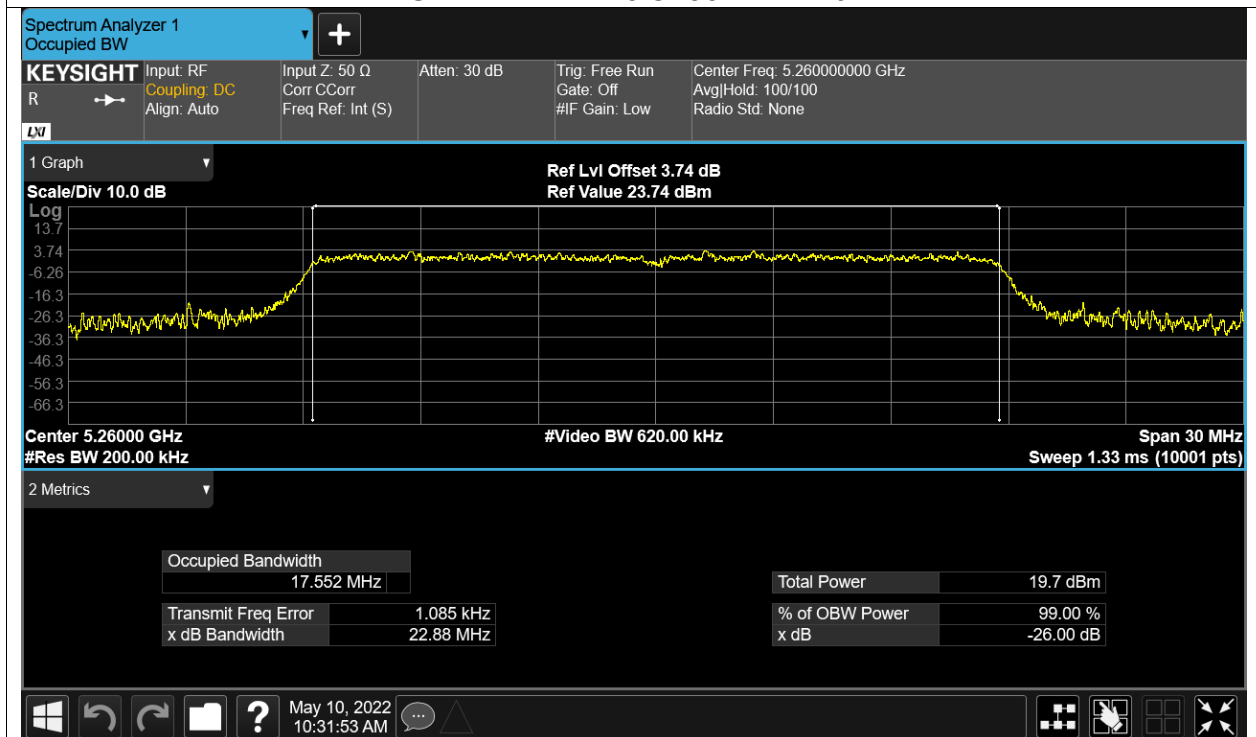
OBW NVNT ac40 5310MHz Ant1



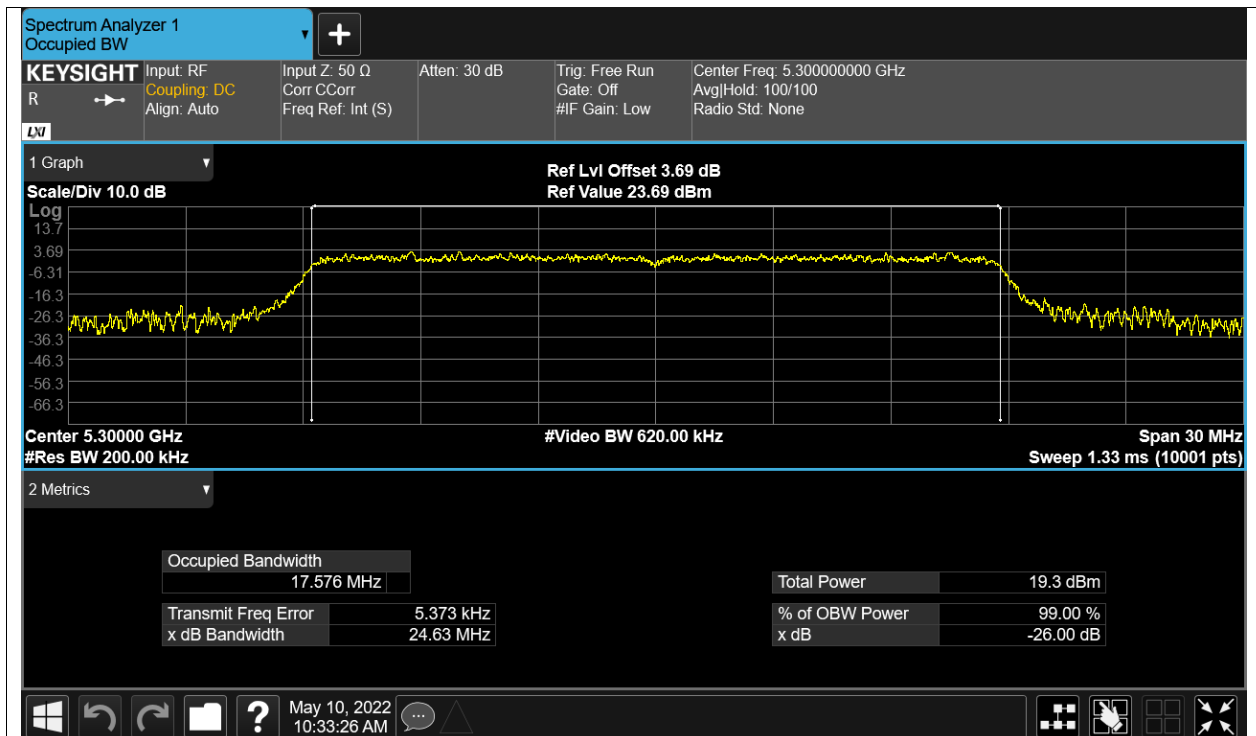
OBW NVNT ac80 5290MHz Ant1



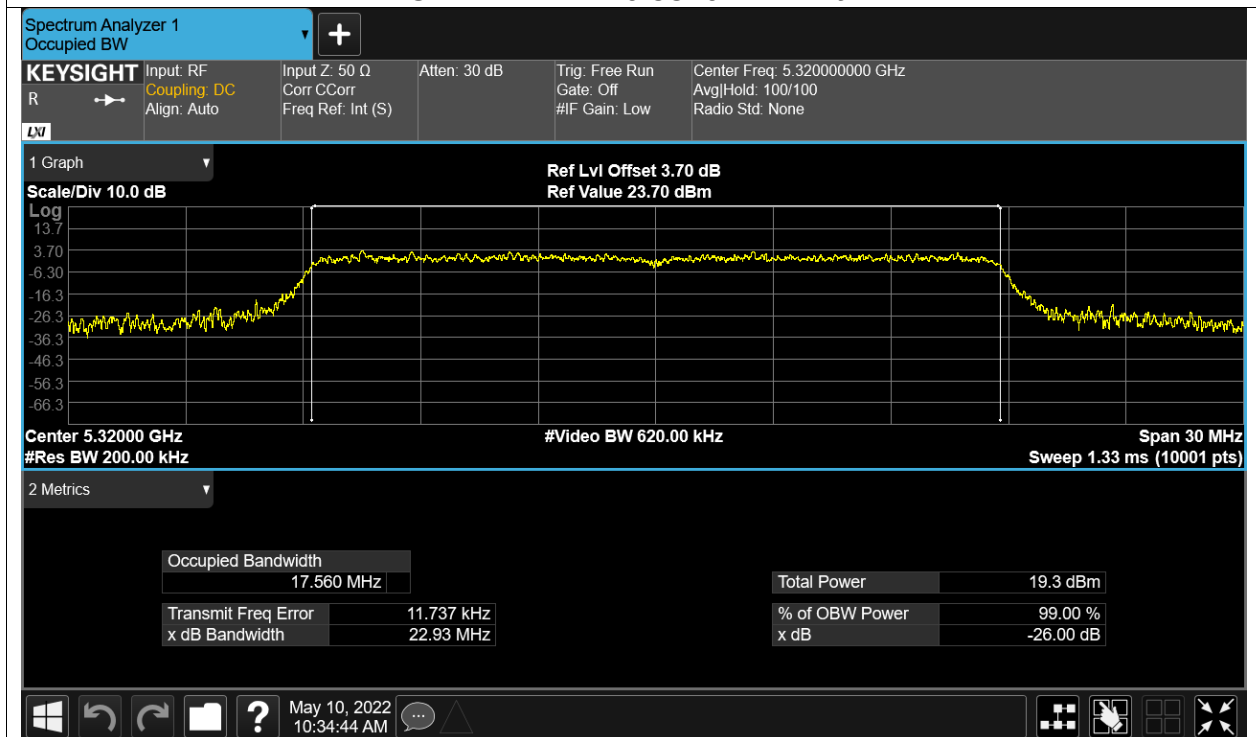
OBW NVNT n20 5260MHz Ant1



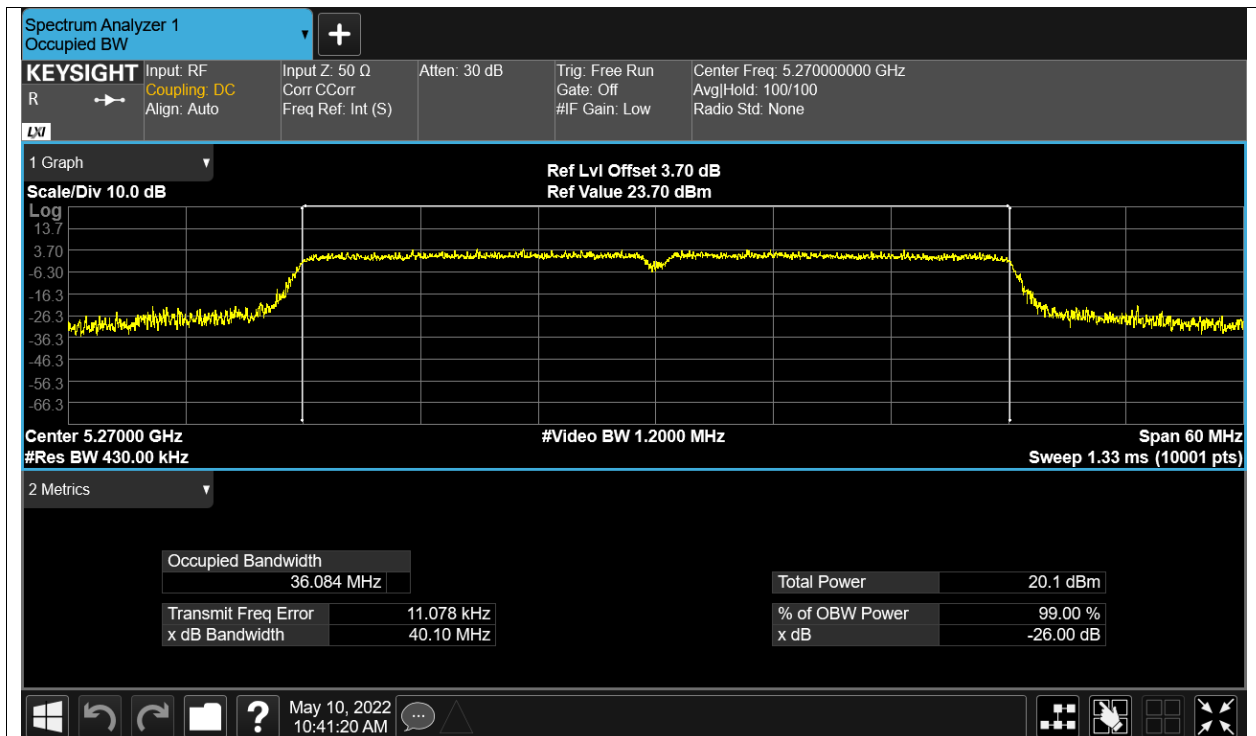
OBW NVNT n20 5300MHz Ant1



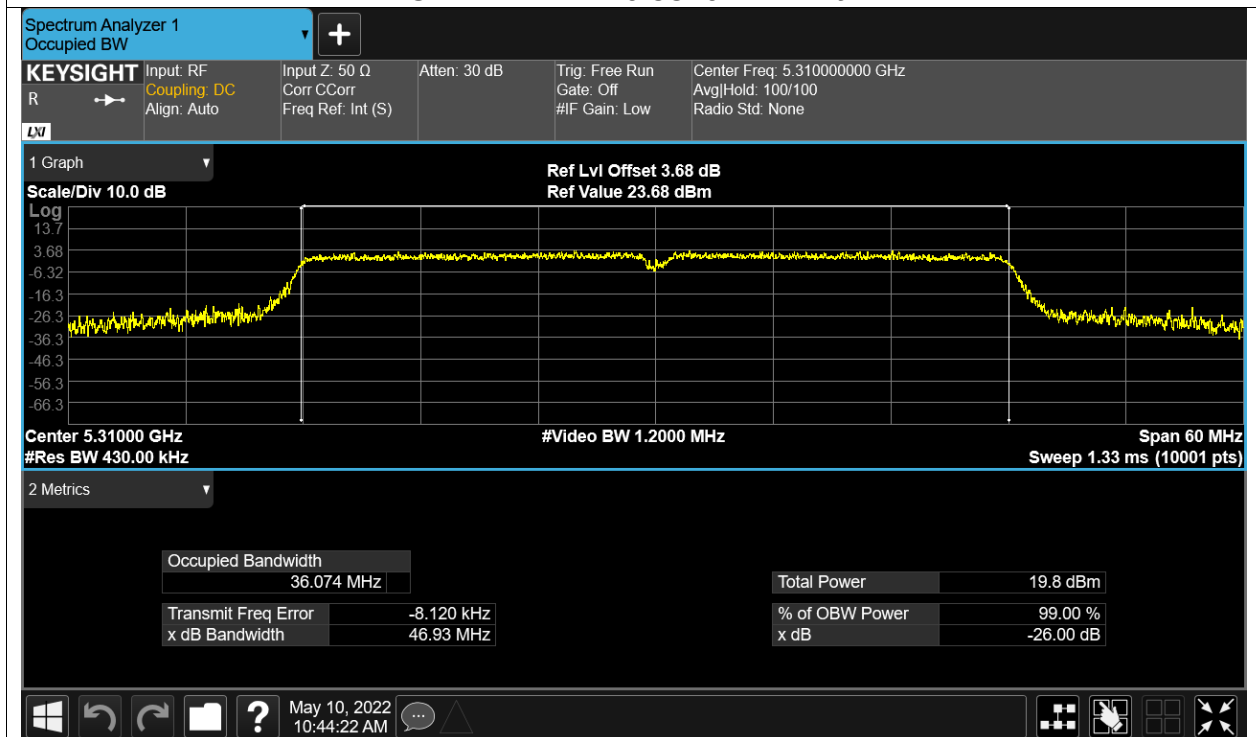
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

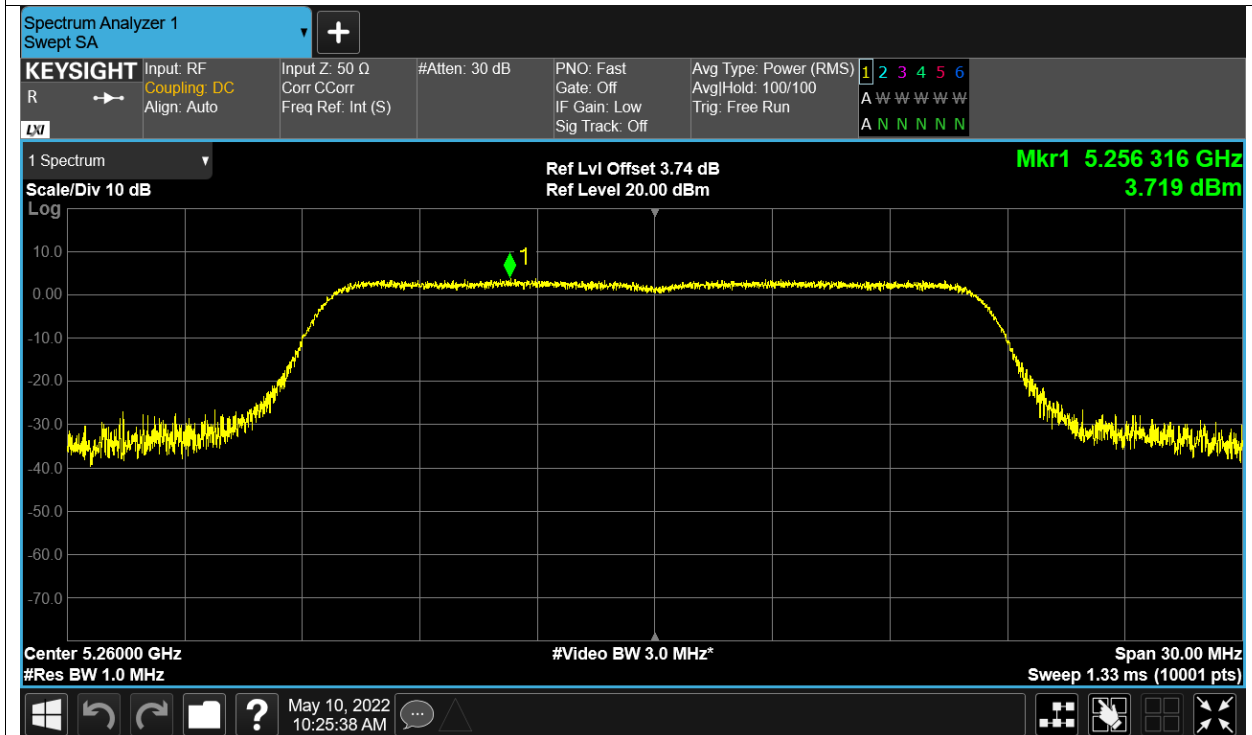


Maximum Power Spectral Density Level

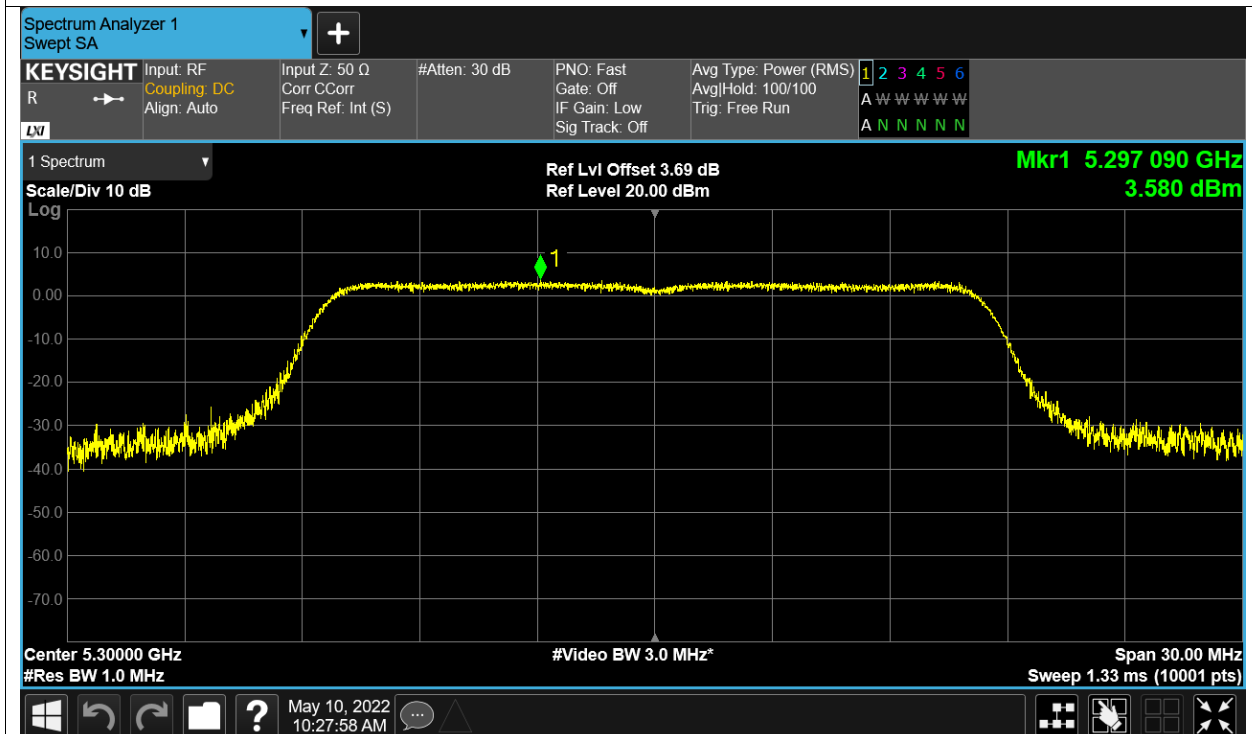
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	3.719	11	Pass
NVNT	a	5300	Ant1	3.58	11	Pass
NVNT	a	5320	Ant1	3.752	11	Pass
NVNT	ac20	5260	Ant1	3.046	11	Pass
NVNT	ac20	5300	Ant1	2.805	11	Pass
NVNT	ac20	5320	Ant1	2.771	11	Pass
NVNT	ac40	5270	Ant1	0.84	11	Pass
NVNT	ac40	5310	Ant1	0.364	11	Pass
NVNT	ac80	5290	Ant1	-3.095	11	Pass
NVNT	n20	5260	Ant1	3.118	11	Pass
NVNT	n20	5300	Ant1	2.629	11	Pass
NVNT	n20	5320	Ant1	2.609	11	Pass
NVNT	n40	5270	Ant1	0.255	11	Pass
NVNT	n40	5310	Ant1	0.25	11	Pass

Test Graphs

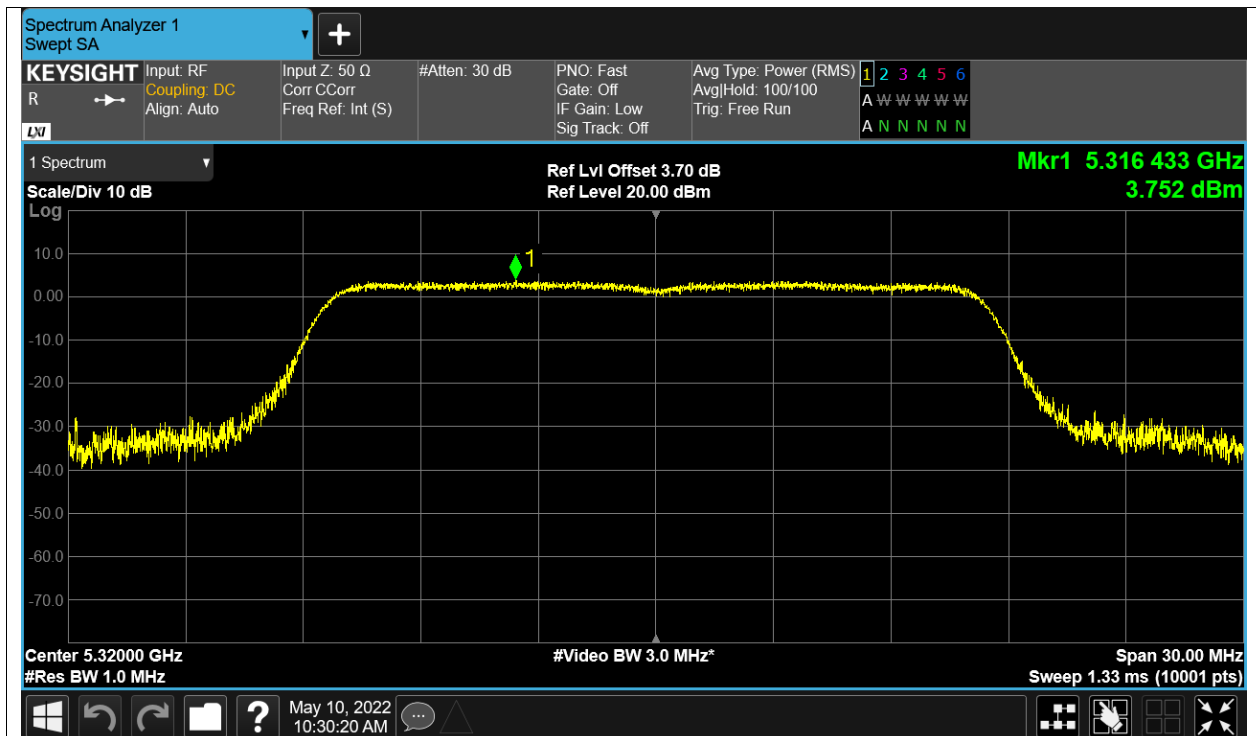
PSD NVNT a 5260MHz Ant1



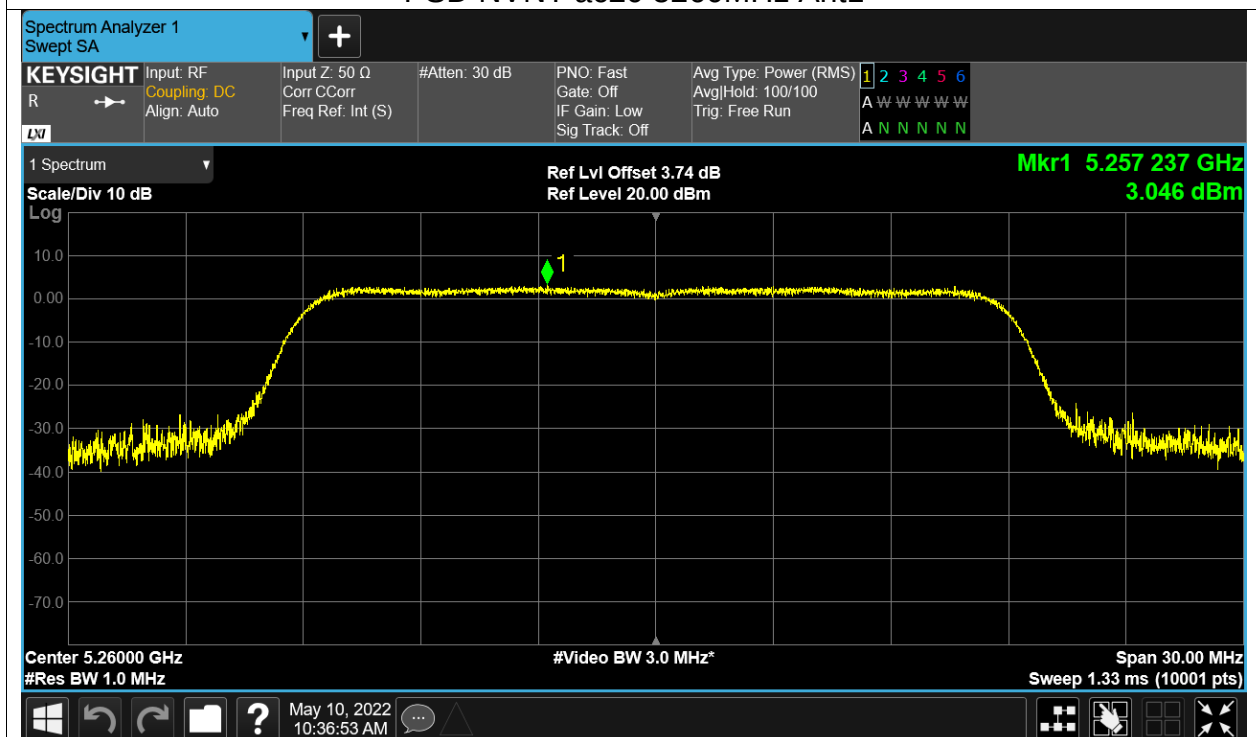
PSD NVNT a 5300MHz Ant1



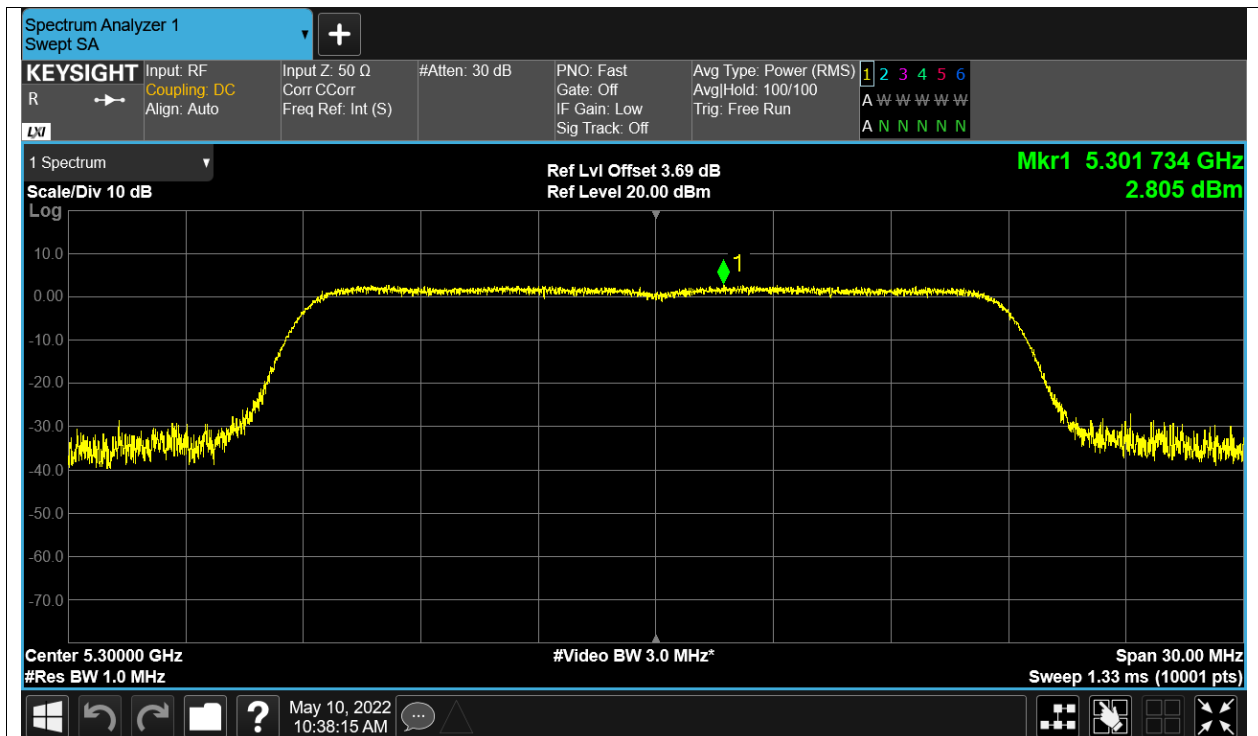
PSD NVNT a 5320MHz Ant1



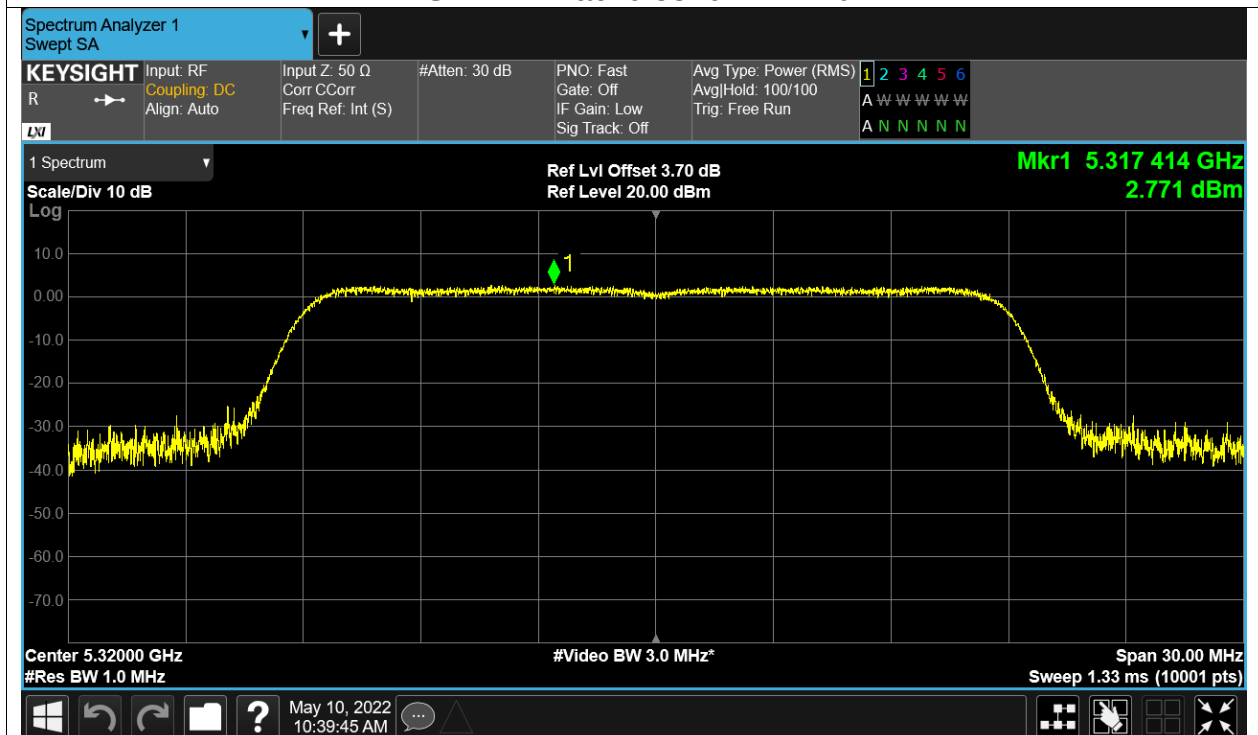
PSD NVNT ac20 5260MHz Ant1



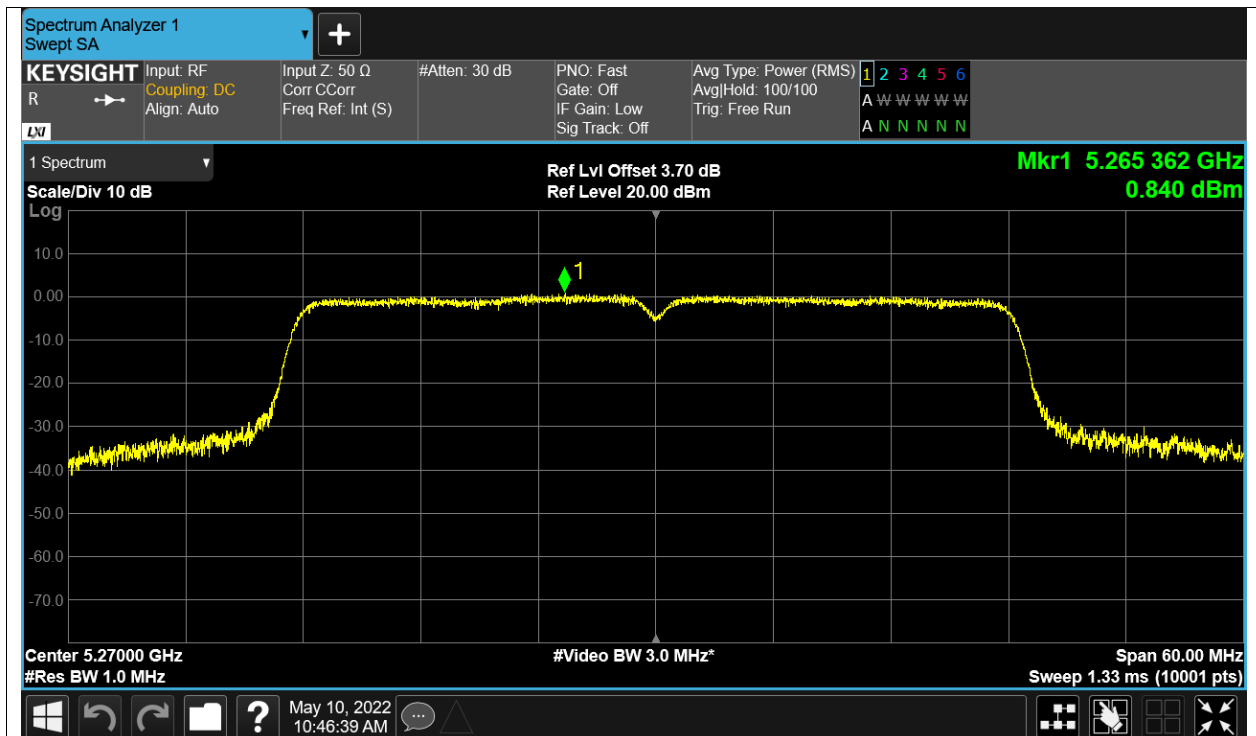
PSD NVNT ac20 5300MHz Ant1



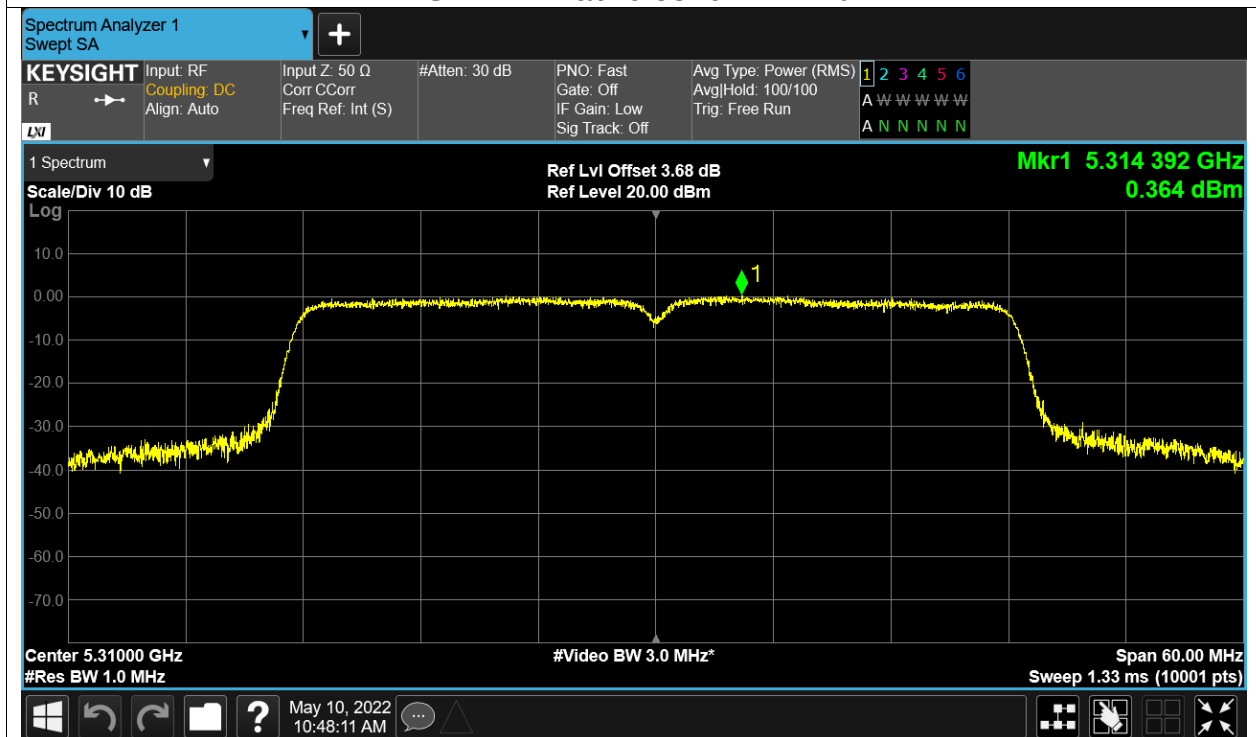
PSD NVNT ac20 5320MHz Ant1



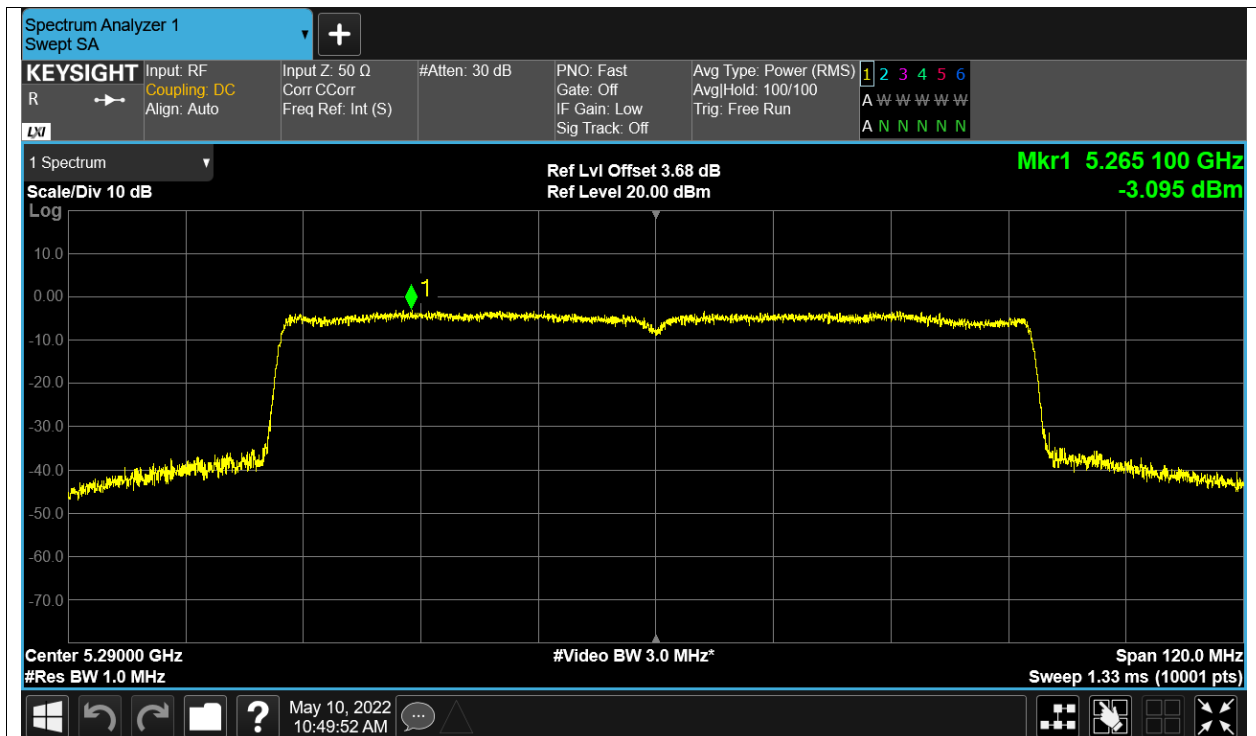
PSD NVNT ac40 5270MHz Ant1



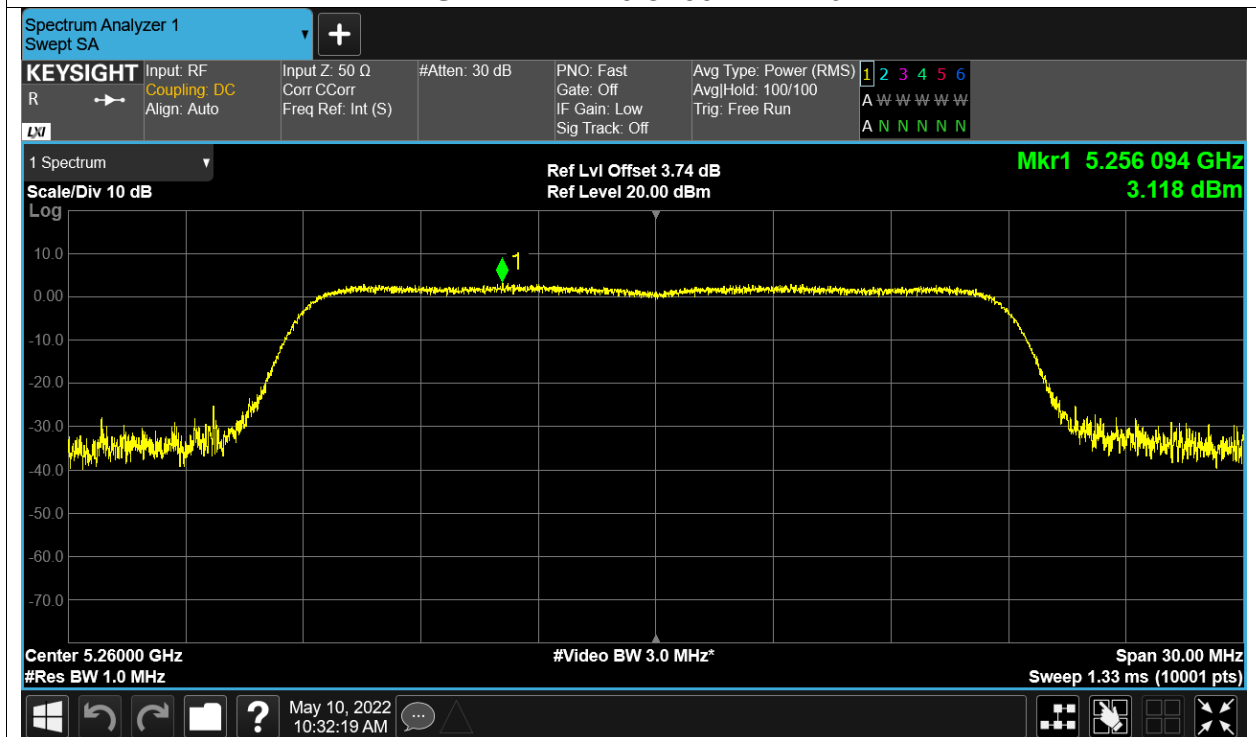
PSD NVNT ac40 5310MHz Ant1



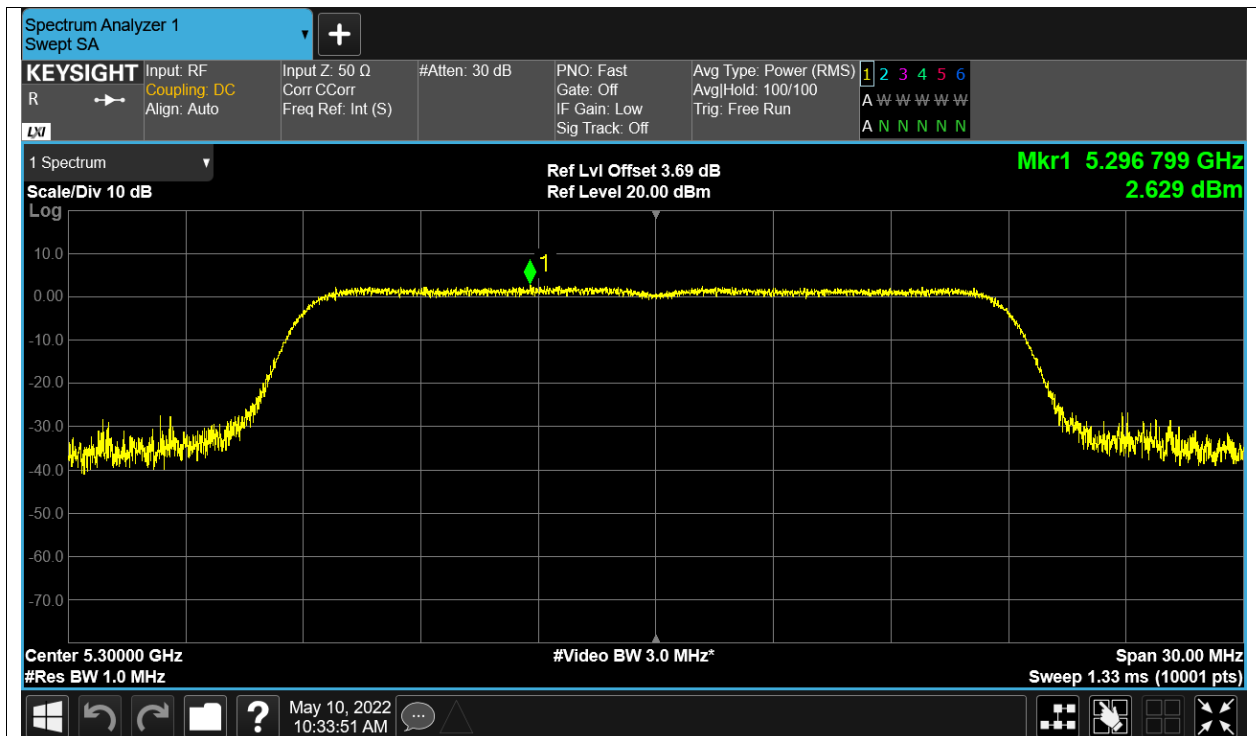
PSD NVNT ac80 5290MHz Ant1



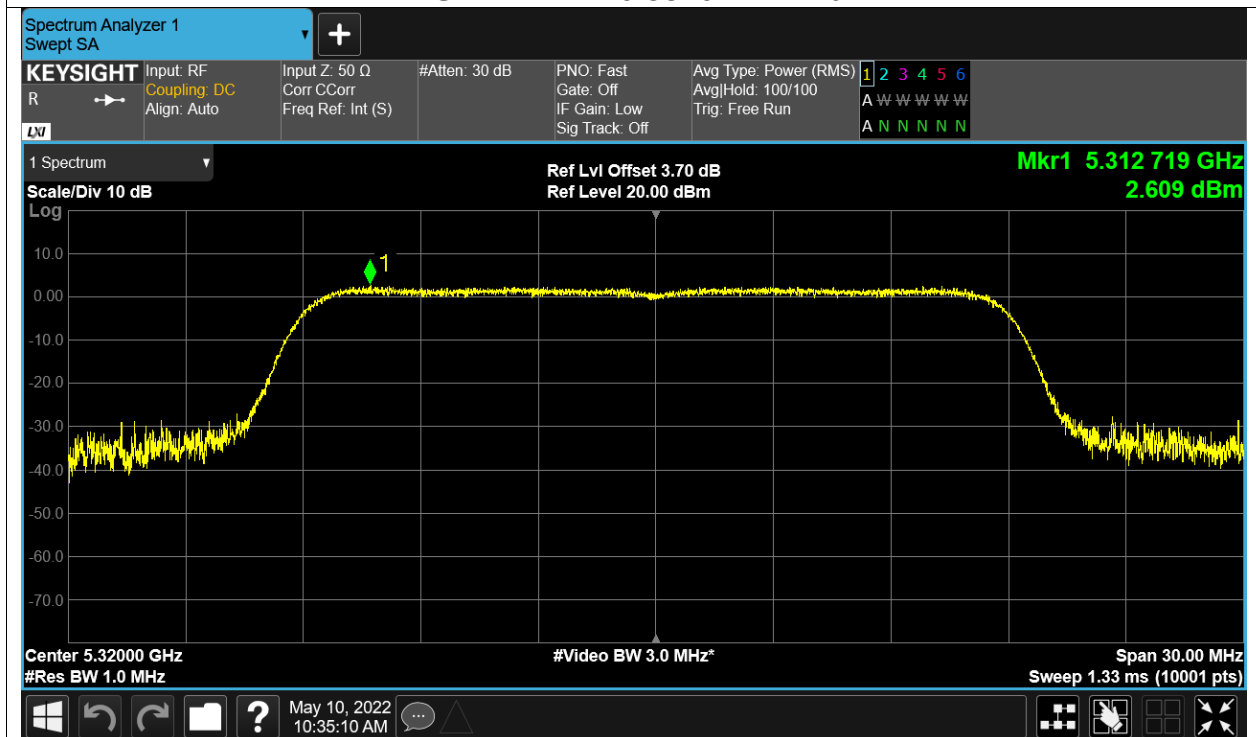
PSD NVNT n20 5260MHz Ant1



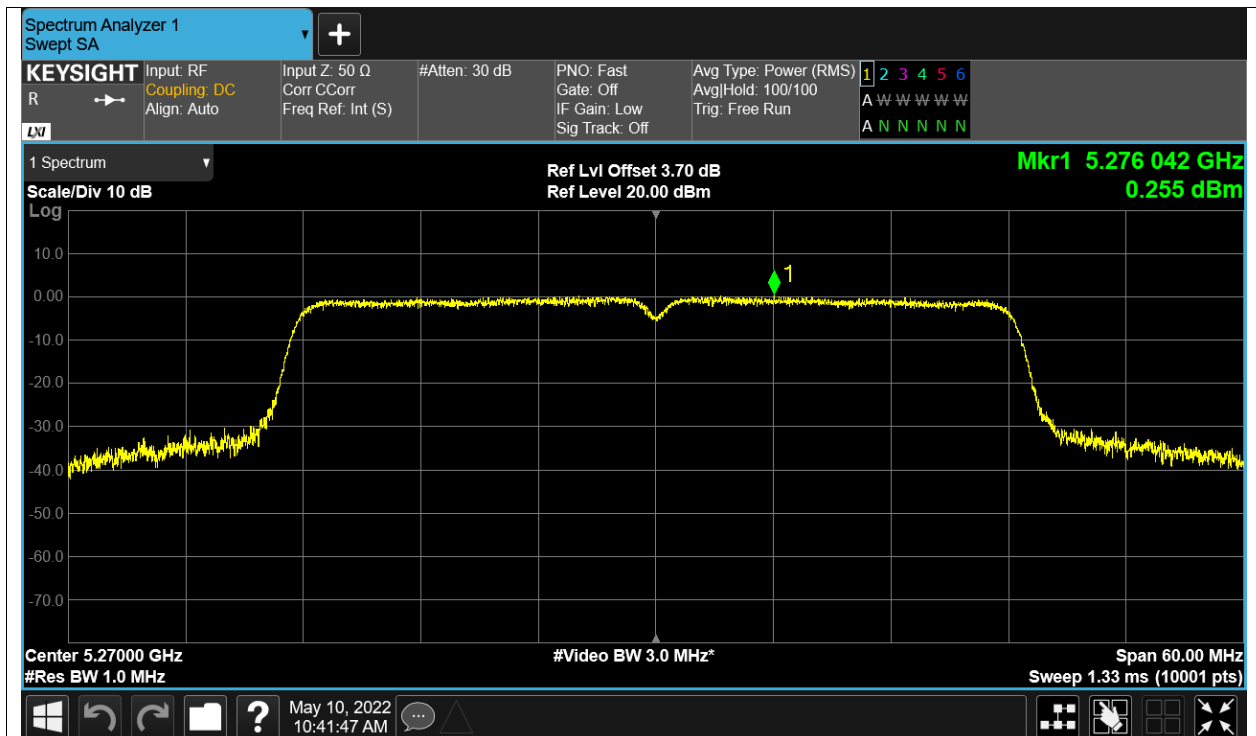
PSD NVNT n20 5300MHz Ant1



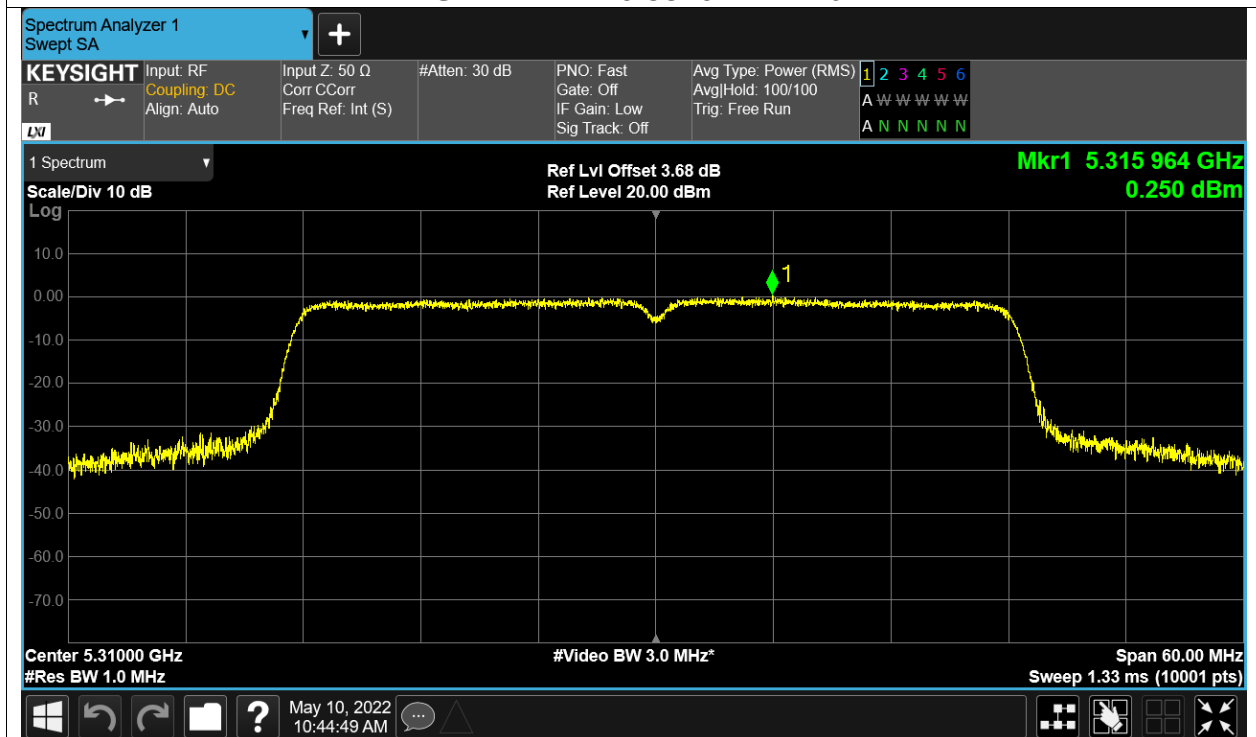
PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1



Appendix A – 5.6G Wi-Fi

Frequency Stability

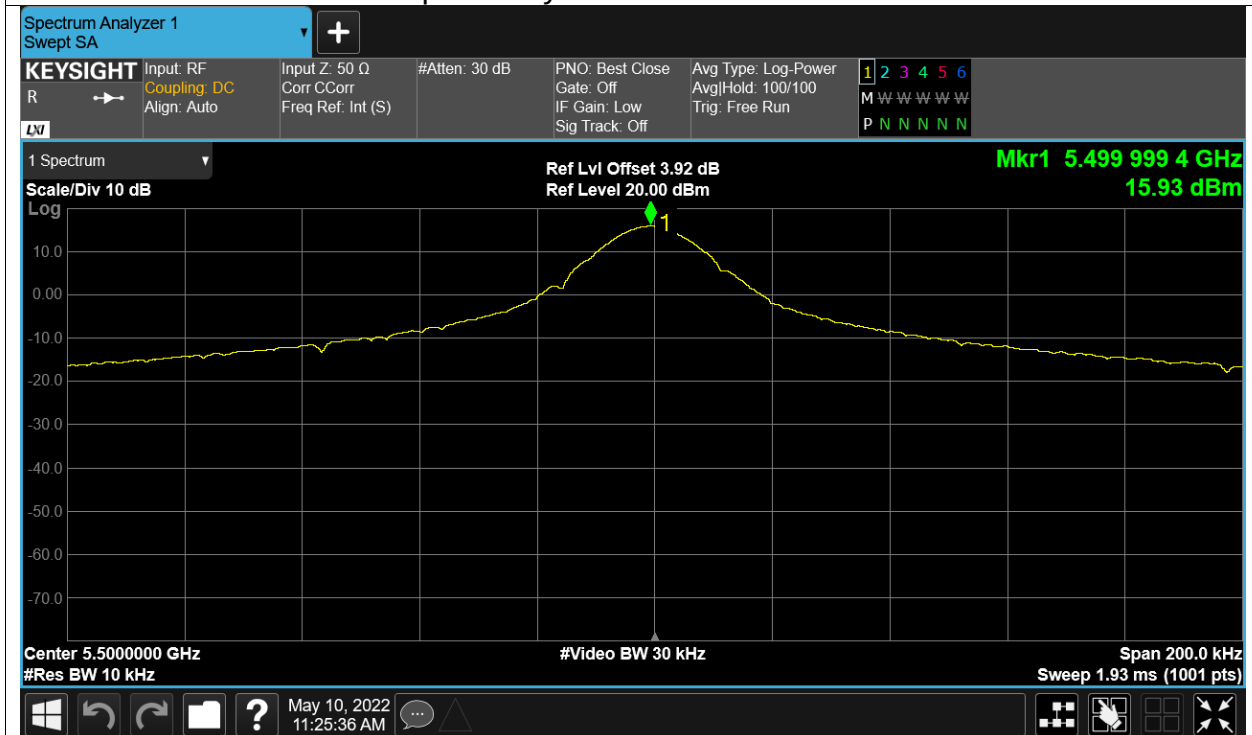
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5499.9994	-0.11	Within authorized band	Pass
LVNT	a	5500	Ant1	5499.9992	-0.15		Pass
NVHT	a	5500	Ant1	5499.9992	-0.15		Pass
NVLT	a	5500	Ant1	5499.9994	-0.11		Pass
NVNT	a	5500	Ant1	5499.9992	-0.15		Pass
HVNT	ac80	5530	Ant1	5529.9994	-0.11		Pass
LVNT	ac80	5530	Ant1	5529.9992	-0.14		Pass
NVHT	ac80	5530	Ant1	5529.9994	-0.11		Pass
NVLT	ac80	5530	Ant1	5529.9992	-0.14		Pass
NVNT	ac80	5530	Ant1	5529.9992	-0.14		Pass
HVNT	n40	5510	Ant1	5509.9994	-0.11		Pass
LVNT	n40	5510	Ant1	5509.9992	-0.15		Pass
NVHT	n40	5510	Ant1	5509.9994	-0.11		Pass
NVLT	n40	5510	Ant1	5509.9994	-0.11		Pass
NVNT	n40	5510	Ant1	5509.9992	-0.15		Pass

Remark: “NTNV” means Normal Temperature Normal Voltage, “NVHT” means Normal Voltage High Temperature, “NVLT” means Normal Voltage Low

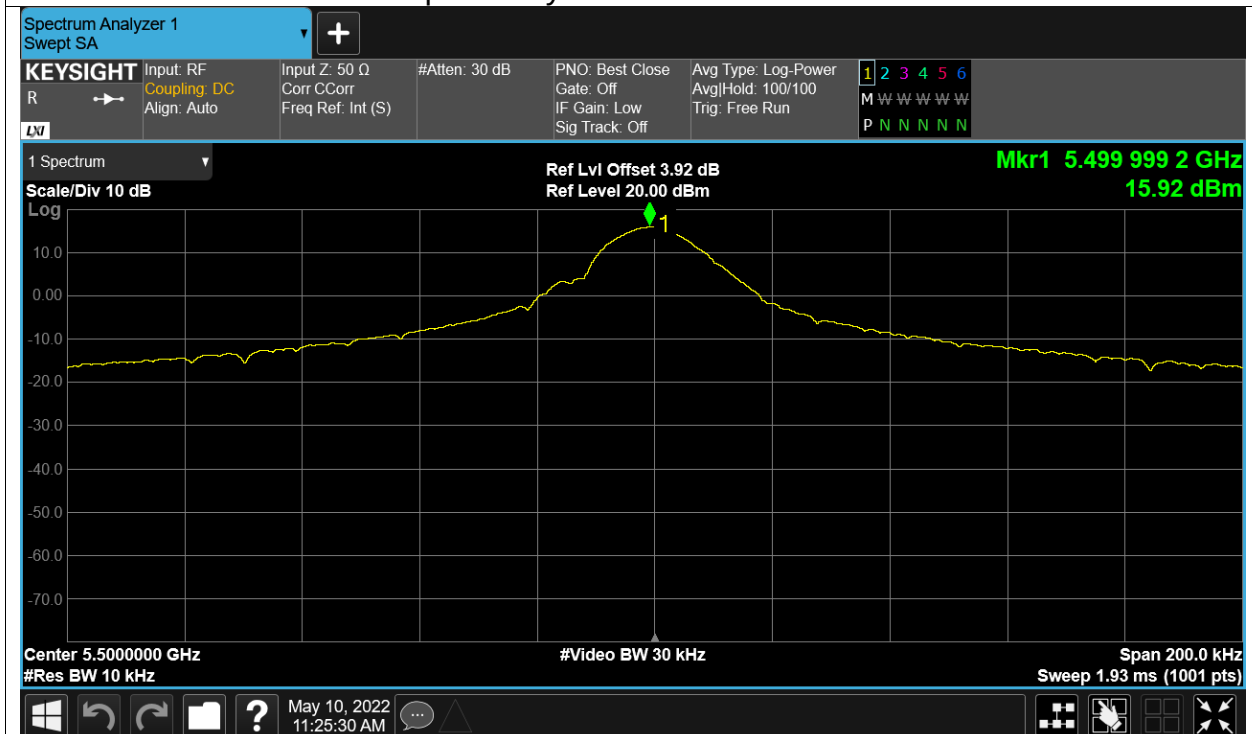
Temperature, “LVNT” means Low Voltage Normal Temperature, “HVNT” means High Voltage Normal Temperature.

Test Graphs

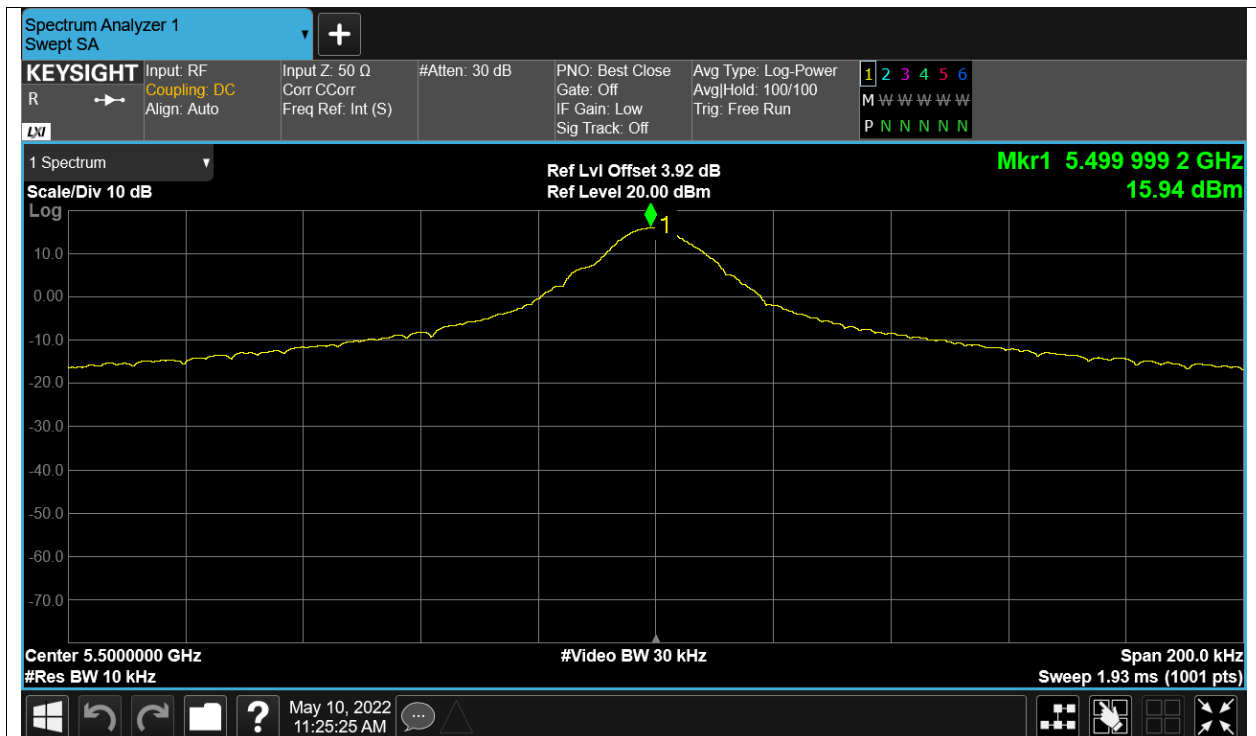
Freq. Stability HVNT a 5500MHz Ant1



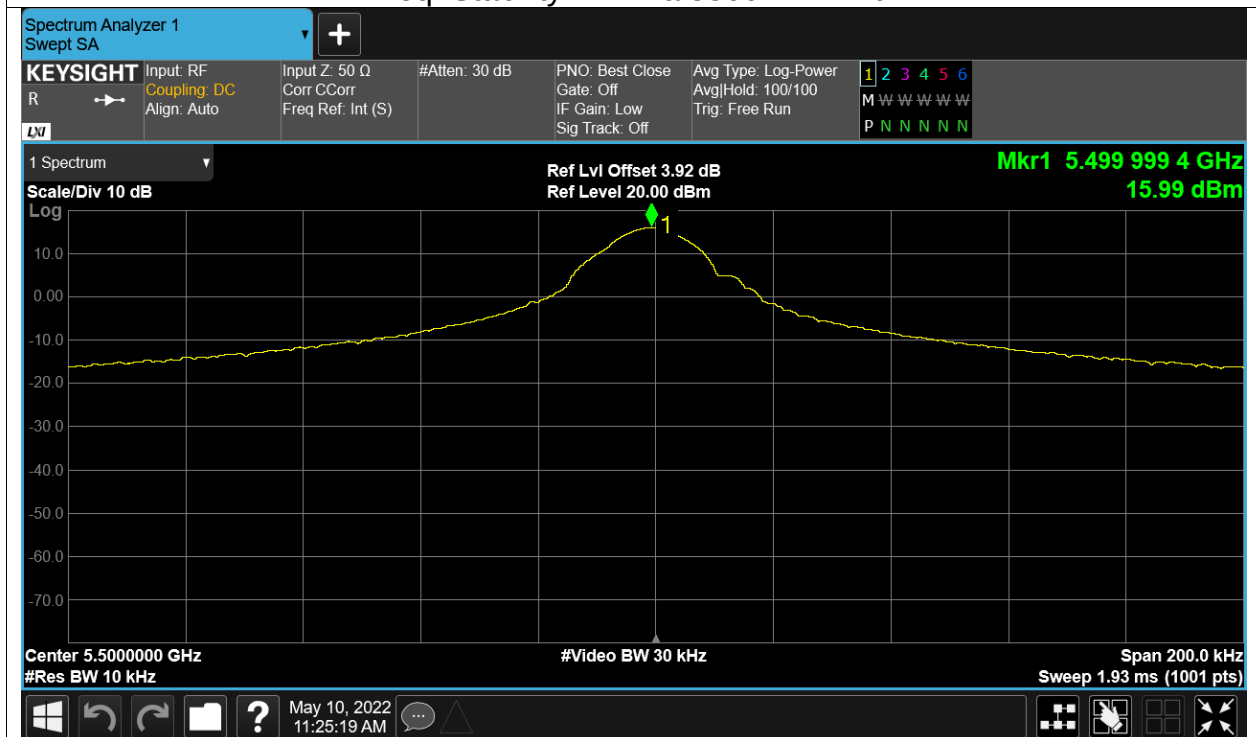
Freq. Stability LVNT a 5500MHz Ant1



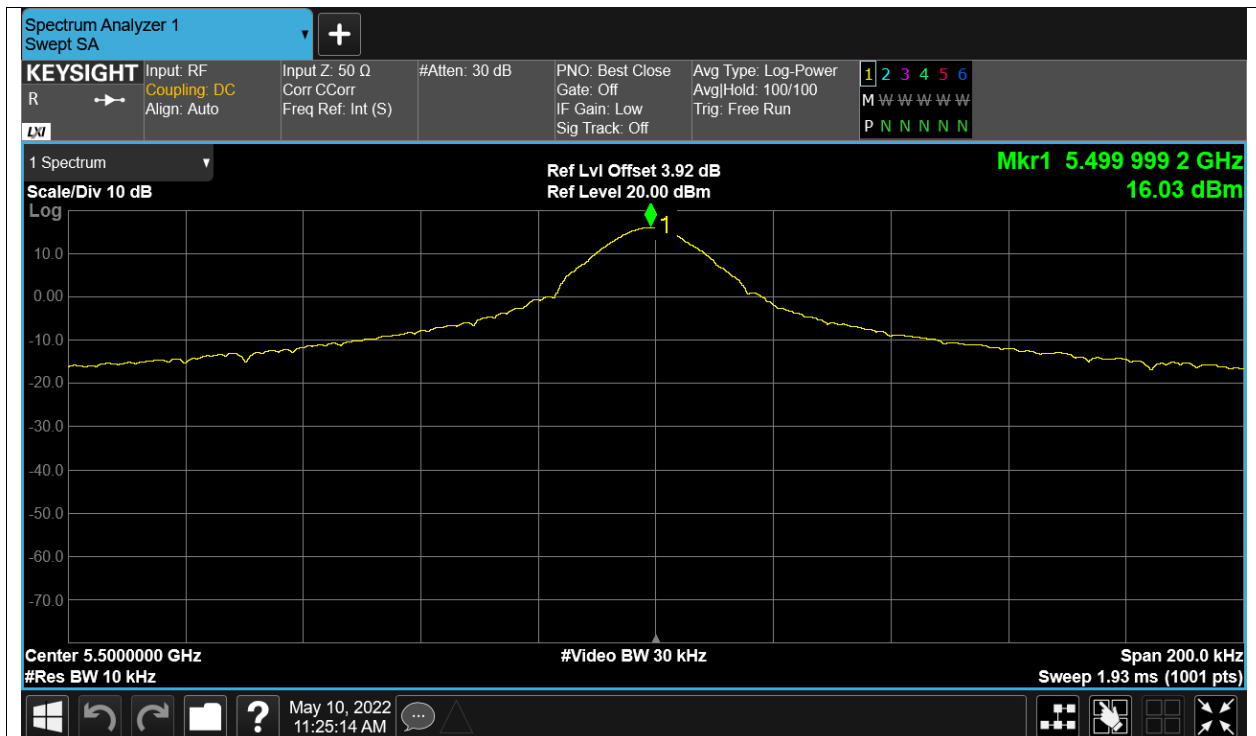
Freq. Stability NVHT a 5500MHz Ant1



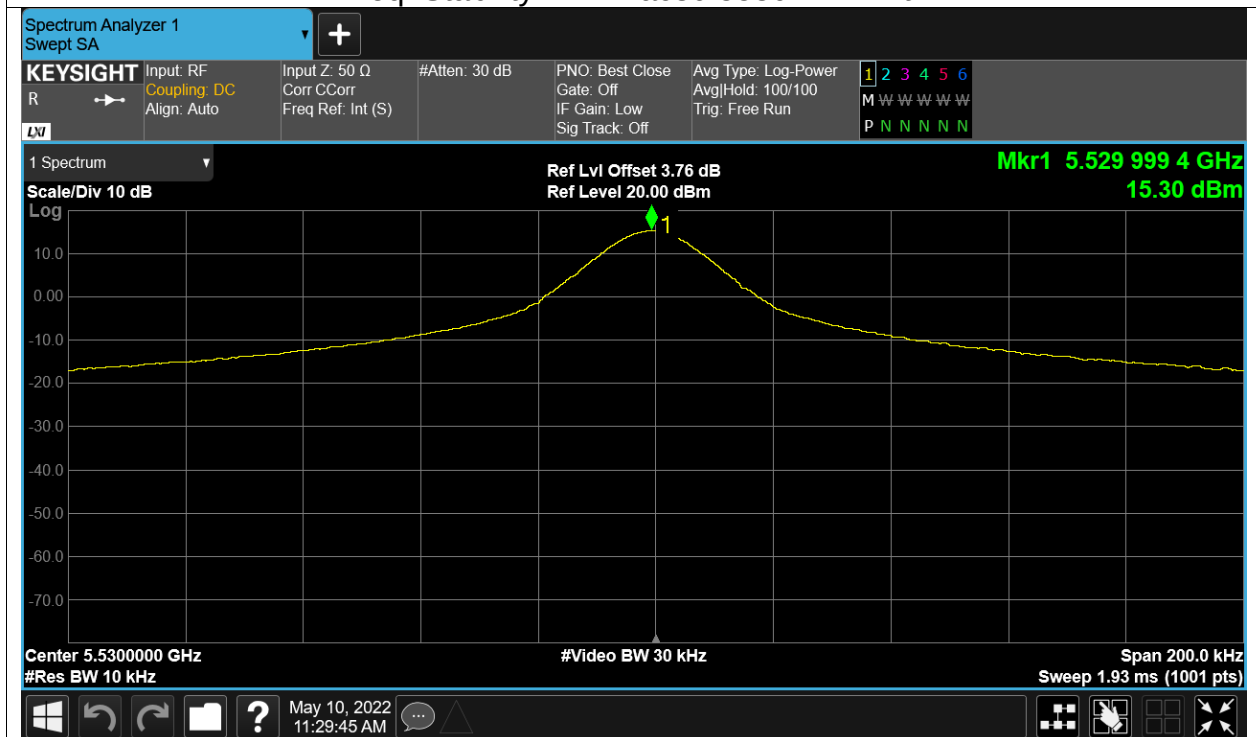
Freq. Stability NVLT a 5500MHz Ant1



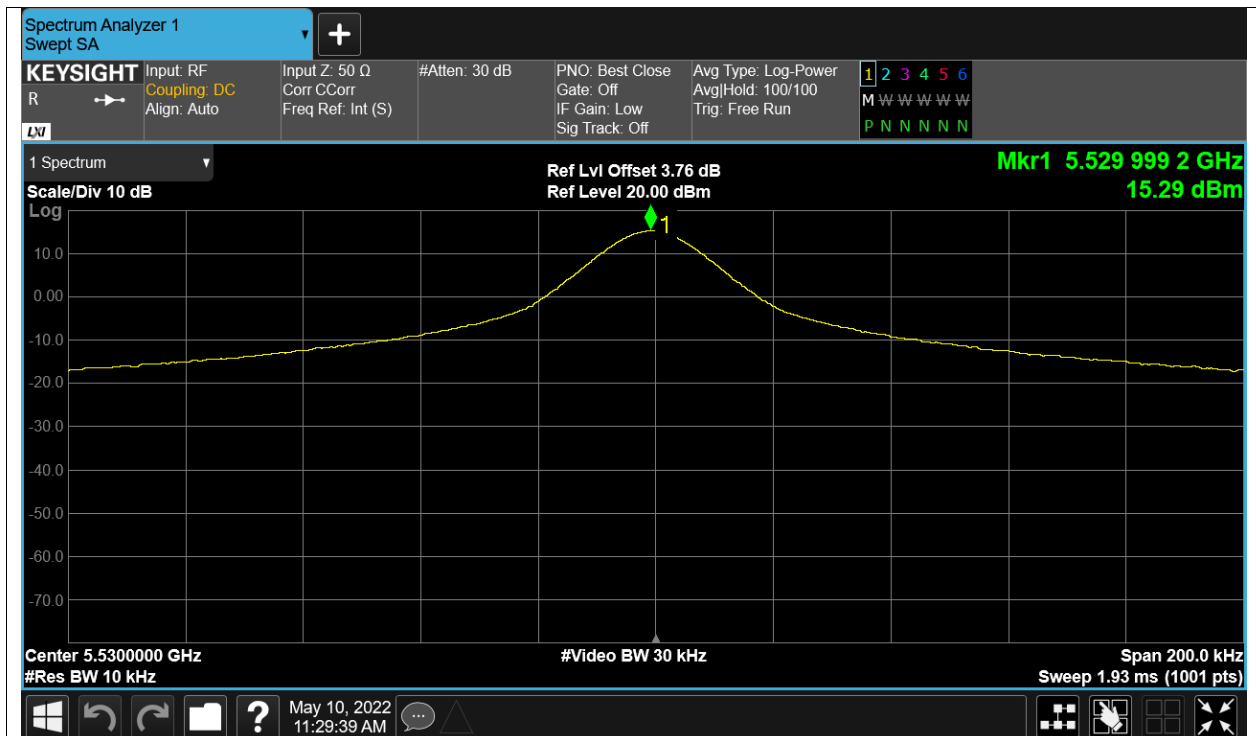
Freq. Stability NVNT a 5500MHz Ant1



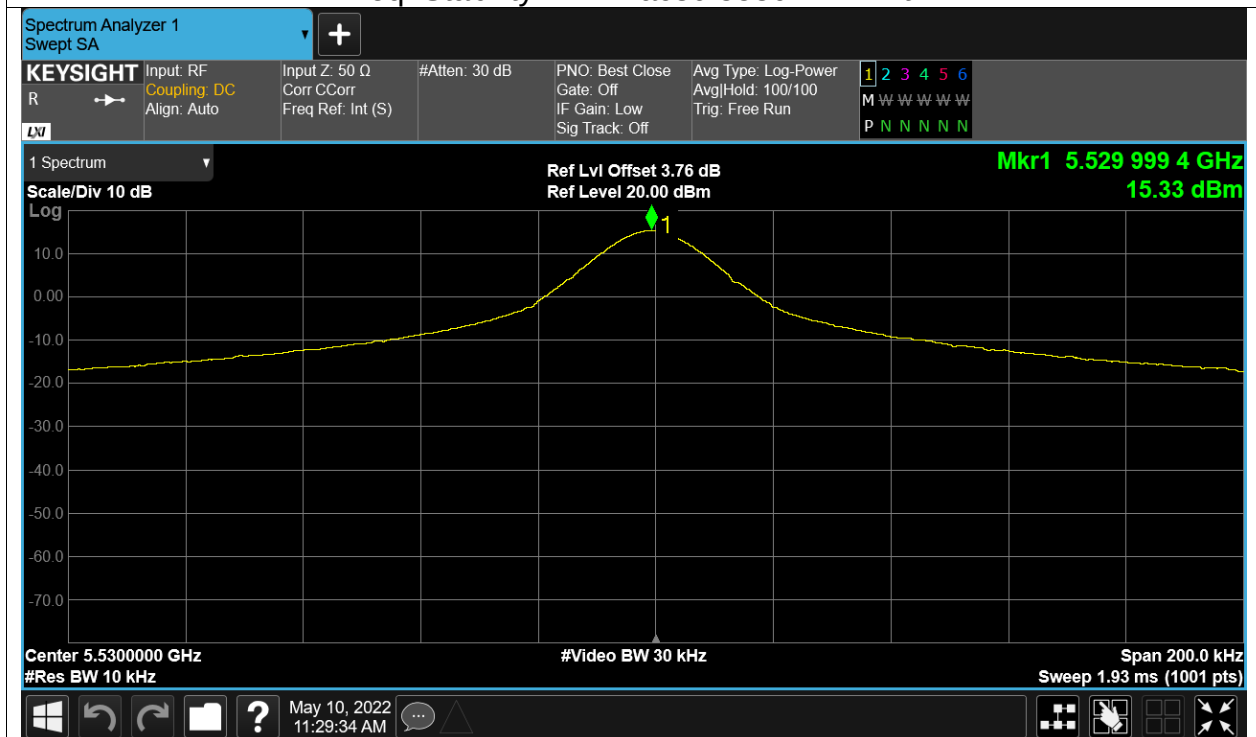
Freq. Stability HVNT ac80 5530MHz Ant1



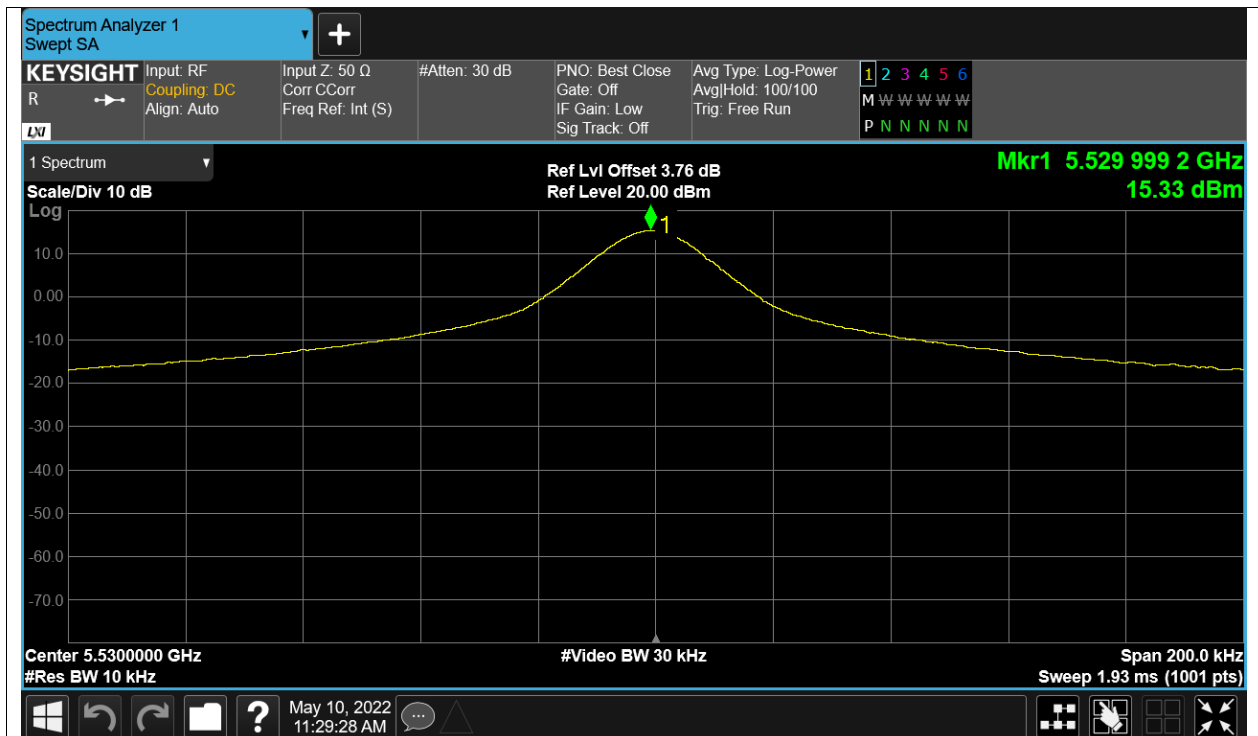
Freq. Stability LVNT ac80 5530MHz Ant1



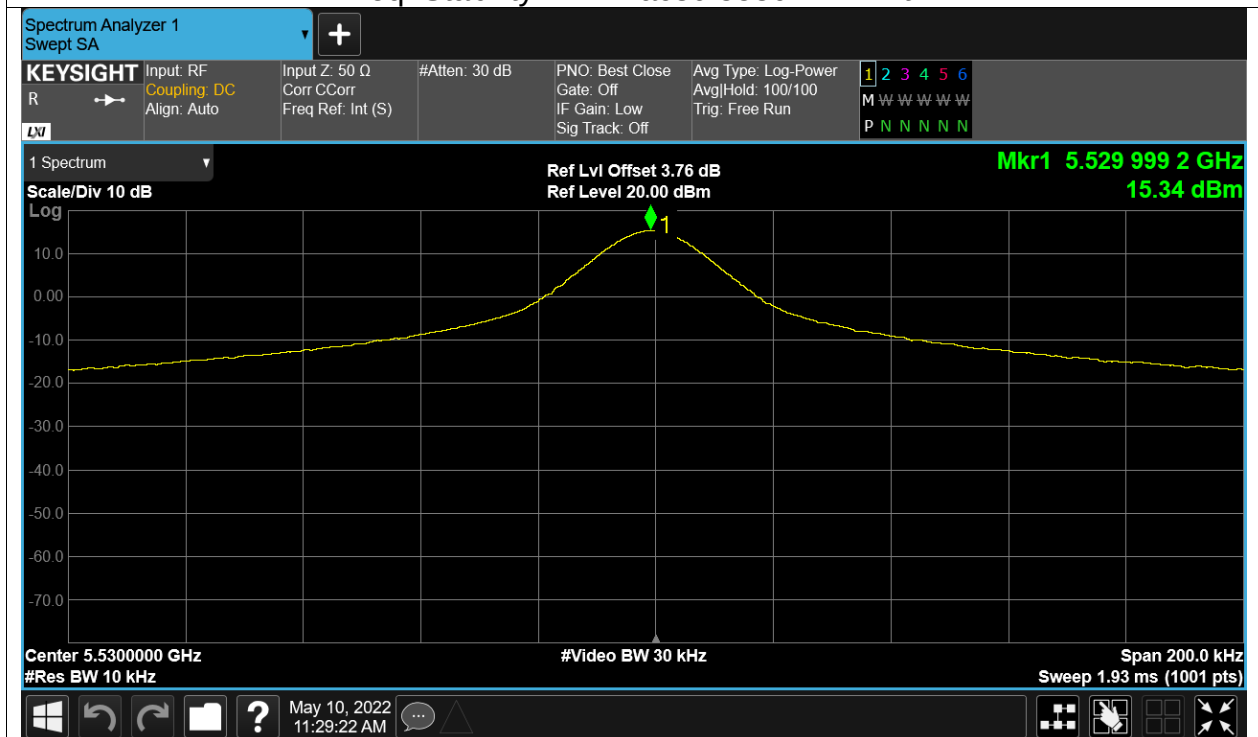
Freq. Stability NVHT ac80 5530MHz Ant1



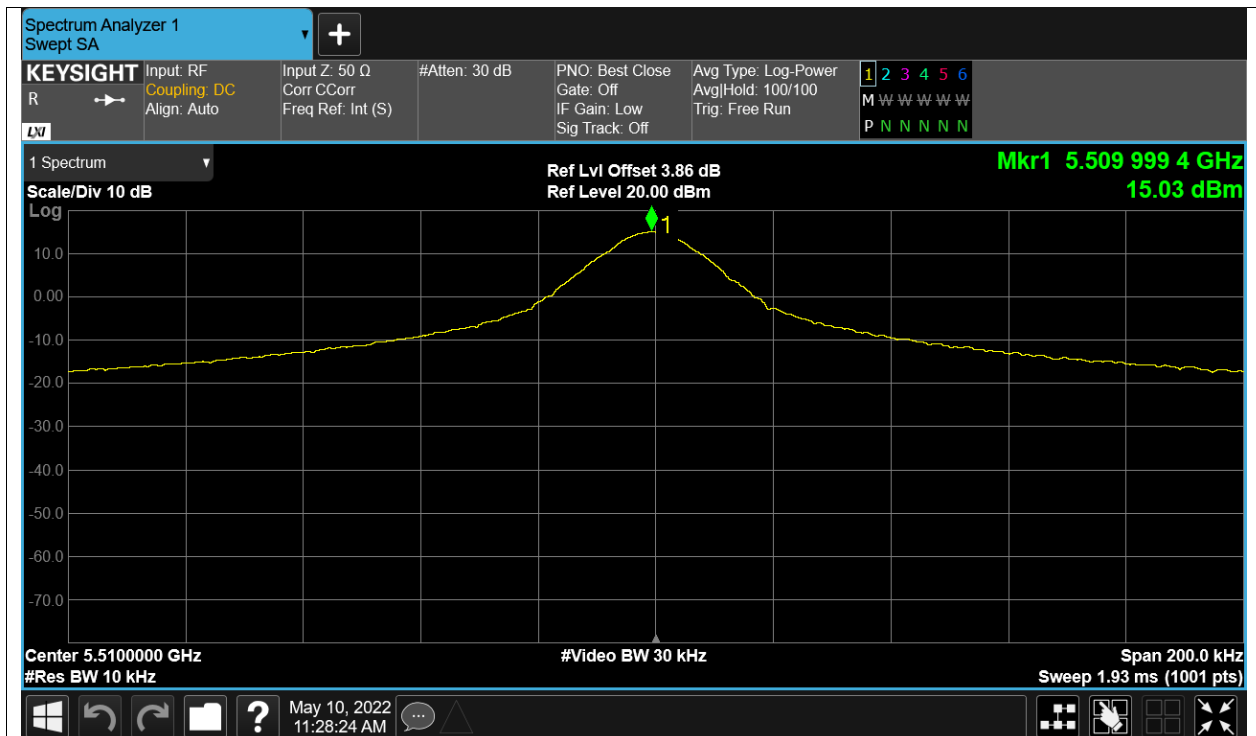
Freq. Stability NVLT ac80 5530MHz Ant1



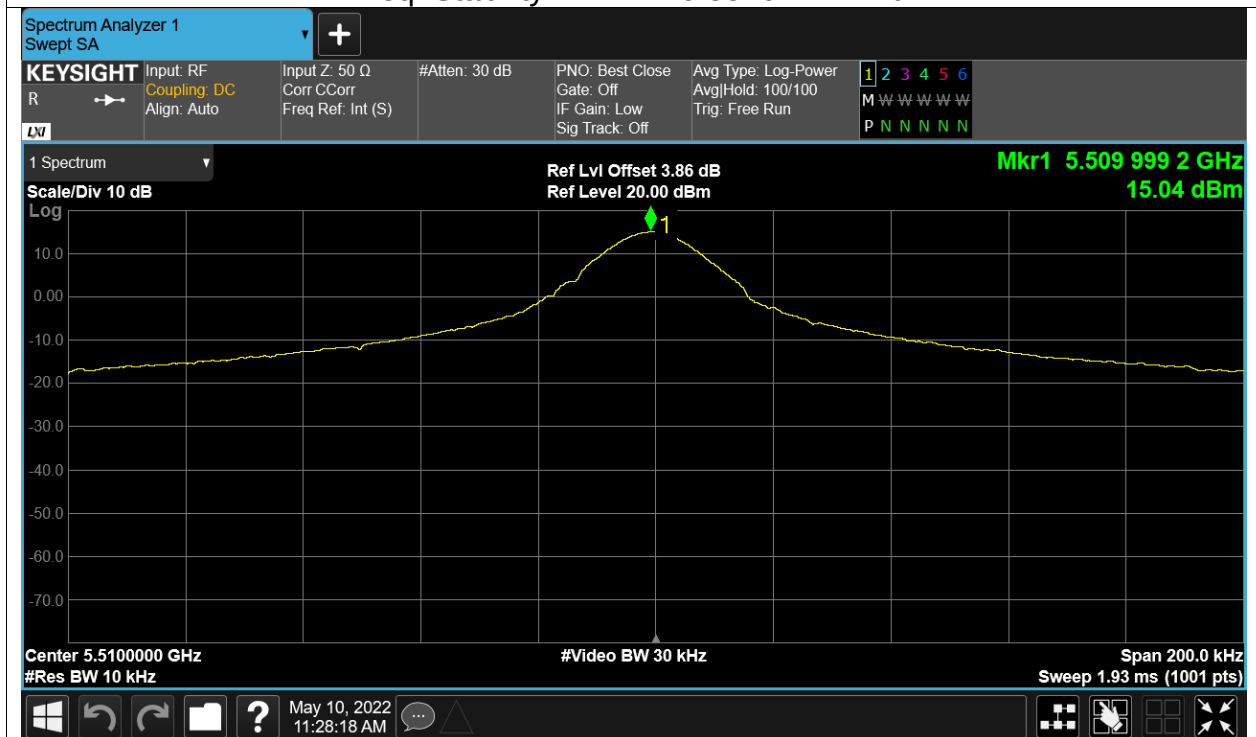
Freq. Stability NVNT ac80 5530MHz Ant1



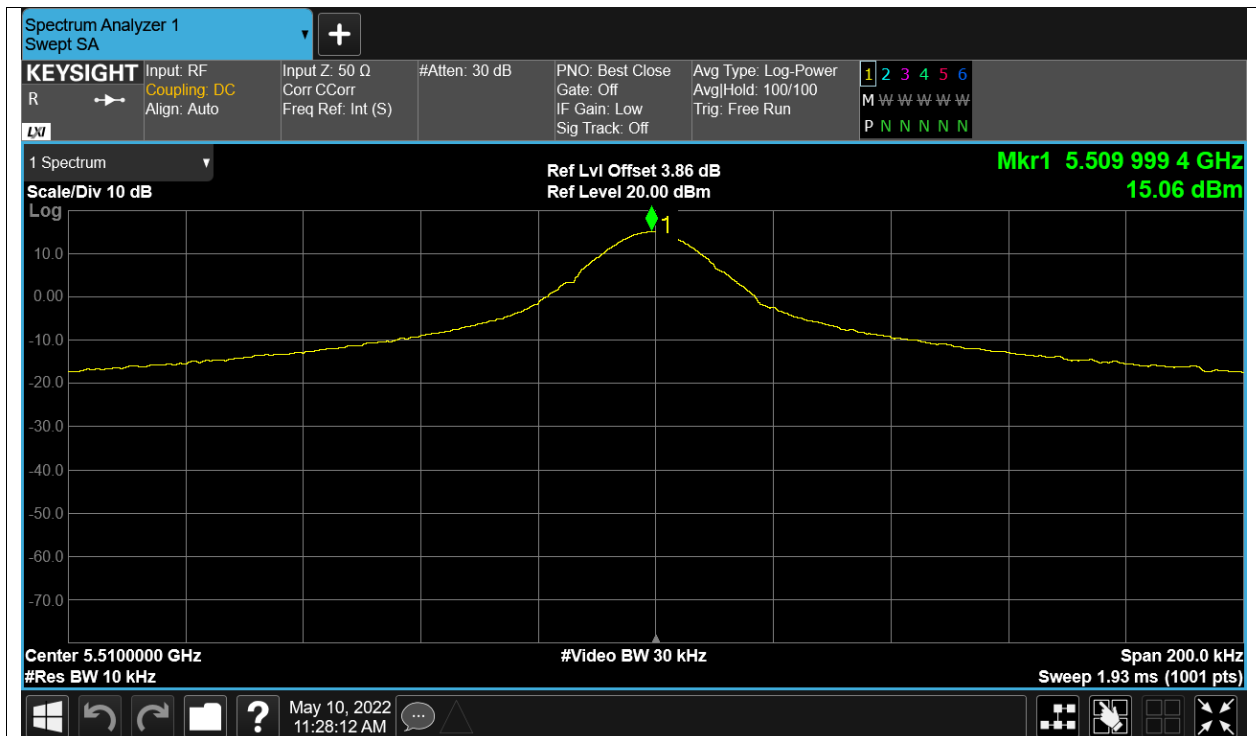
Freq. Stability HVNT n40 5510MHz Ant1



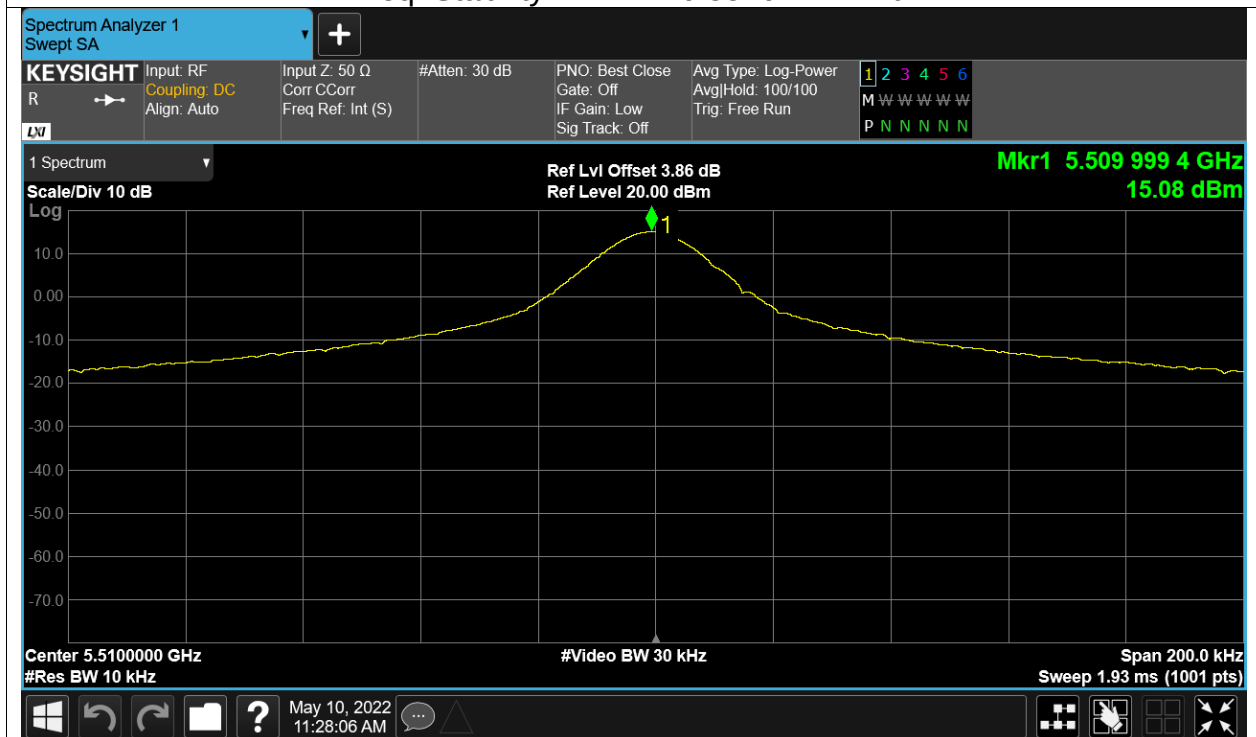
Freq. Stability LVNT n40 5510MHz Ant1



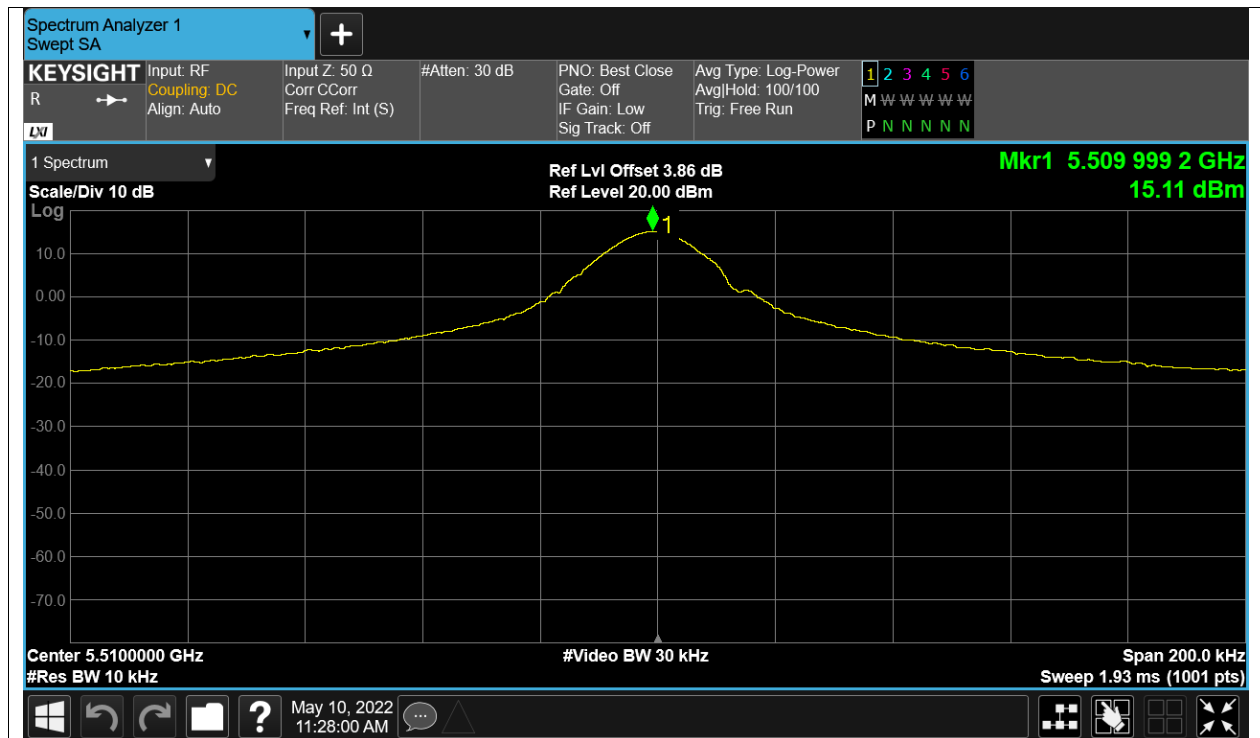
Freq. Stability NVHT n40 5510MHz Ant1



Freq. Stability NVLT n40 5510MHz Ant1



Freq. Stability NVNT n40 5510MHz Ant1

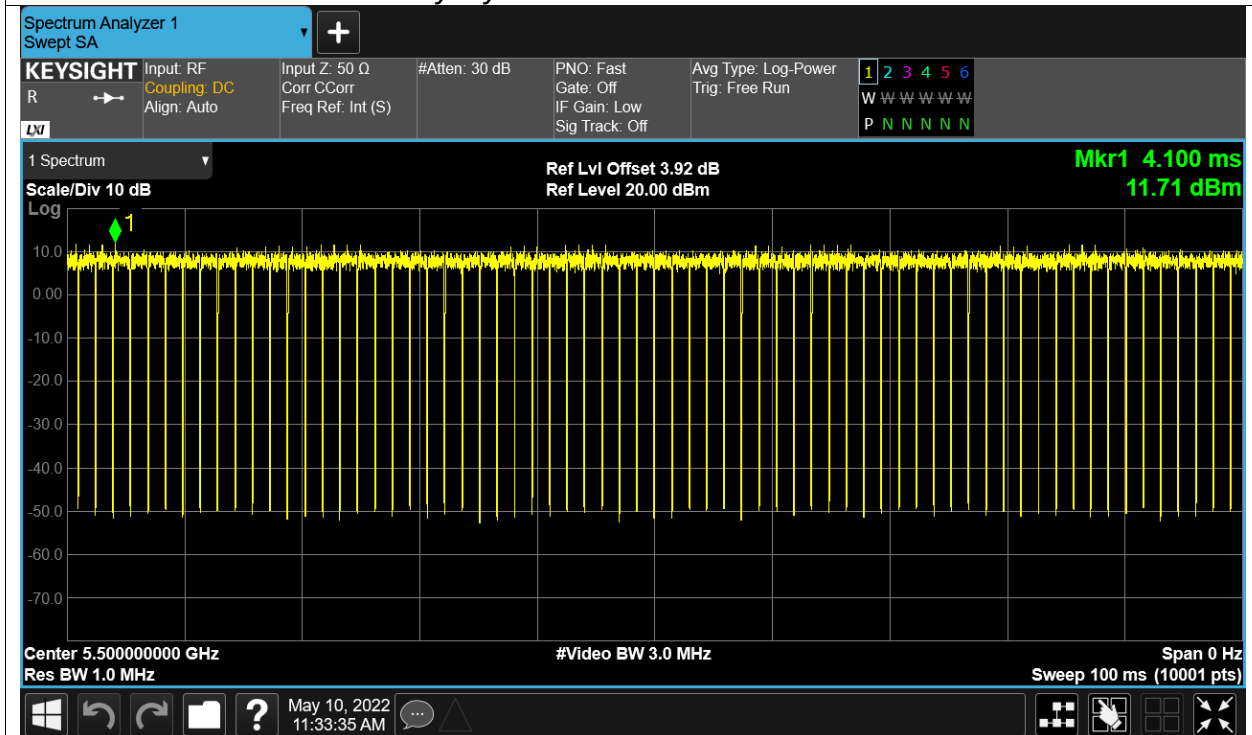


Duty Cycle

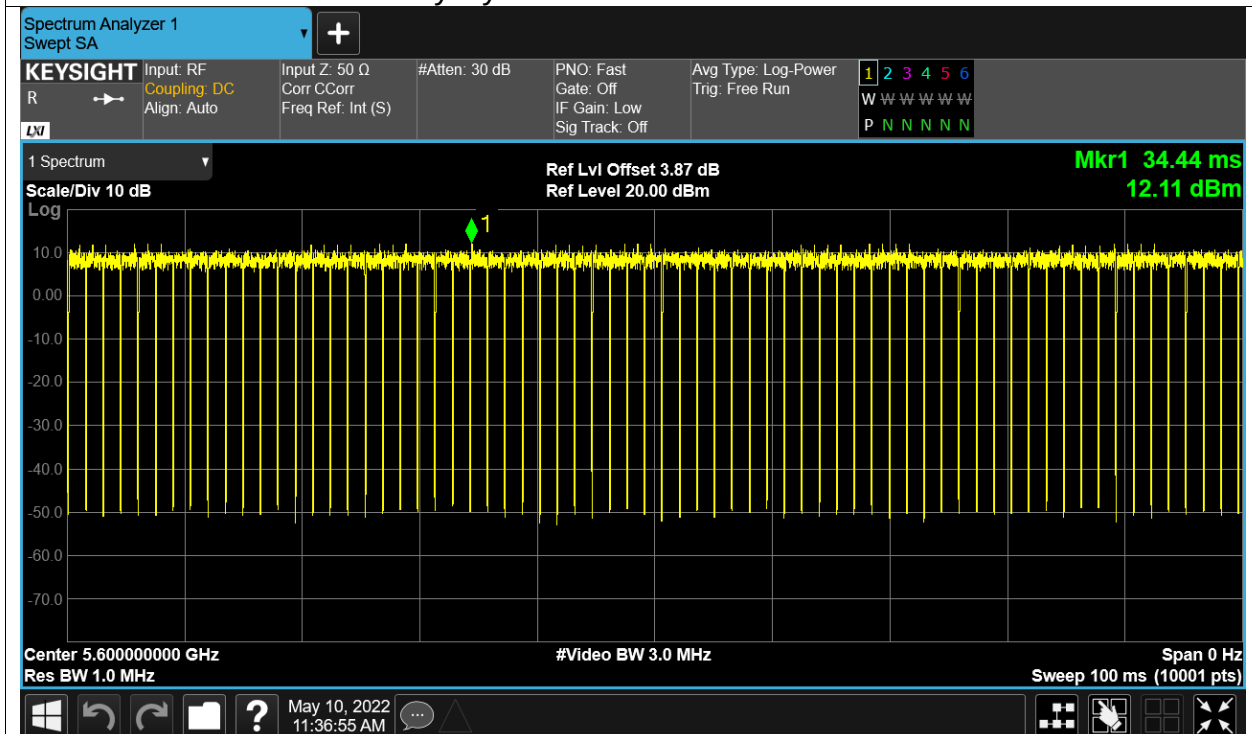
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	94.78	0.23
NVNT	a	5600	Ant1	94.61	0.24
NVNT	a	5700	Ant1	94.77	0.23
NVNT	ac20	5500	Ant1	94.46	0.25
NVNT	ac20	5600	Ant1	94.46	0.25
NVNT	ac20	5700	Ant1	94.47	0.25
NVNT	ac40	5510	Ant1	89.27	0.49
NVNT	ac40	5590	Ant1	89.28	0.49
NVNT	ac40	5670	Ant1	89.28	0.49
NVNT	ac80	5530	Ant1	81.37	0.9
NVNT	ac80	5610	Ant1	81.2	0.9
NVNT	n20	5500	Ant1	94.24	0.26
NVNT	n20	5600	Ant1	94.38	0.25
NVNT	n20	5700	Ant1	94.38	0.25
NVNT	n40	5510	Ant1	89.14	0.5
NVNT	n40	5590	Ant1	89.39	0.49
NVNT	n40	5670	Ant1	89.39	0.49

Test Graphs

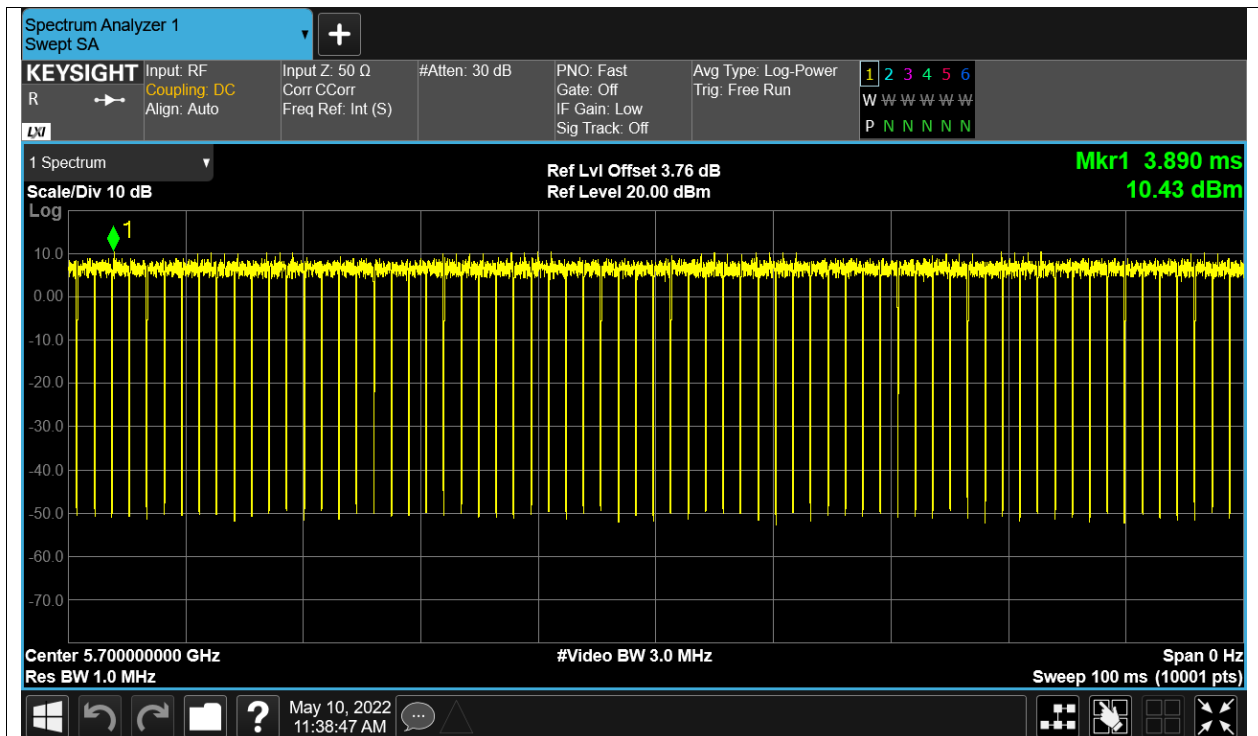
Duty Cycle NVNT a 5500MHz Ant1



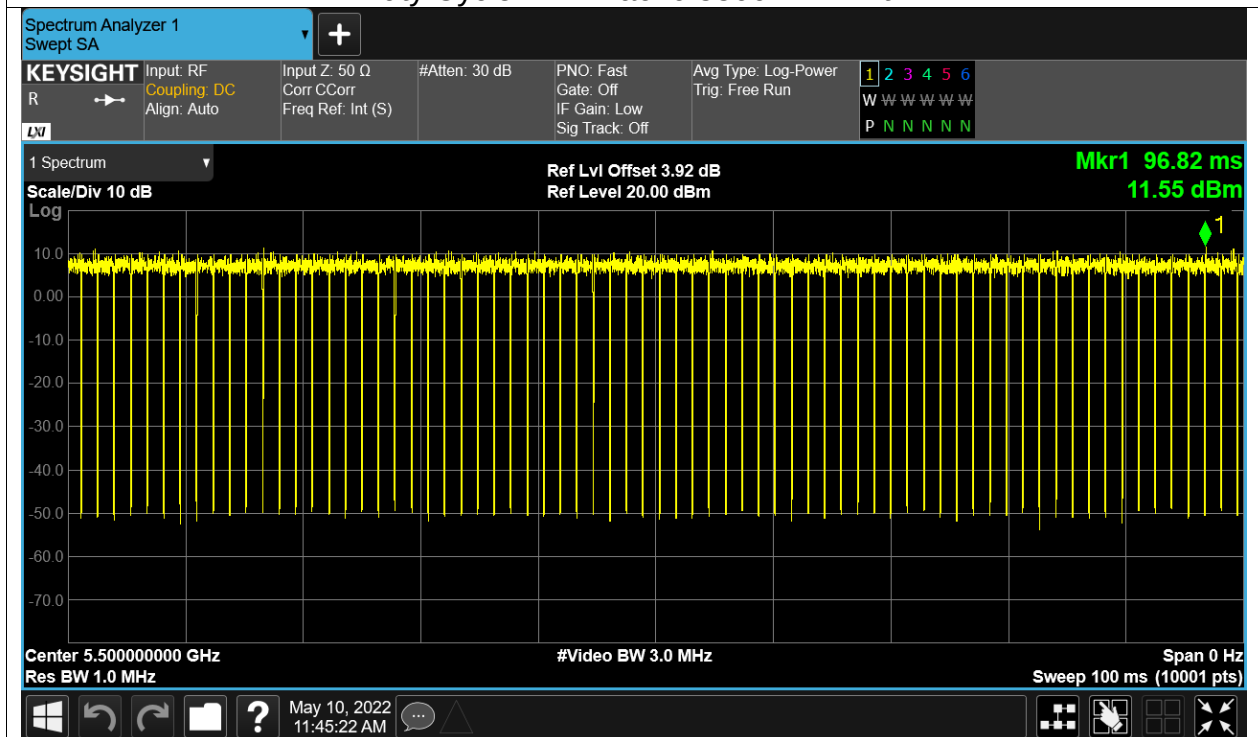
Duty Cycle NVNT a 5600MHz Ant1



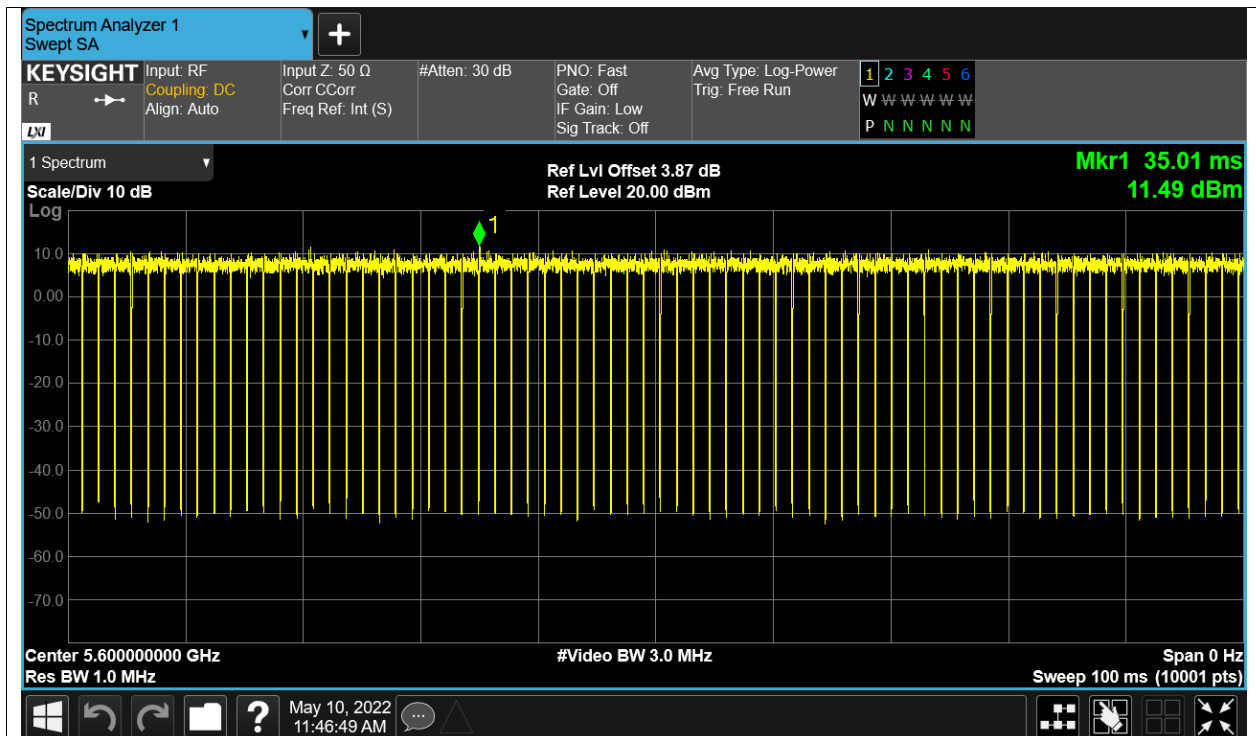
Duty Cycle NVNT a 5700MHz Ant1



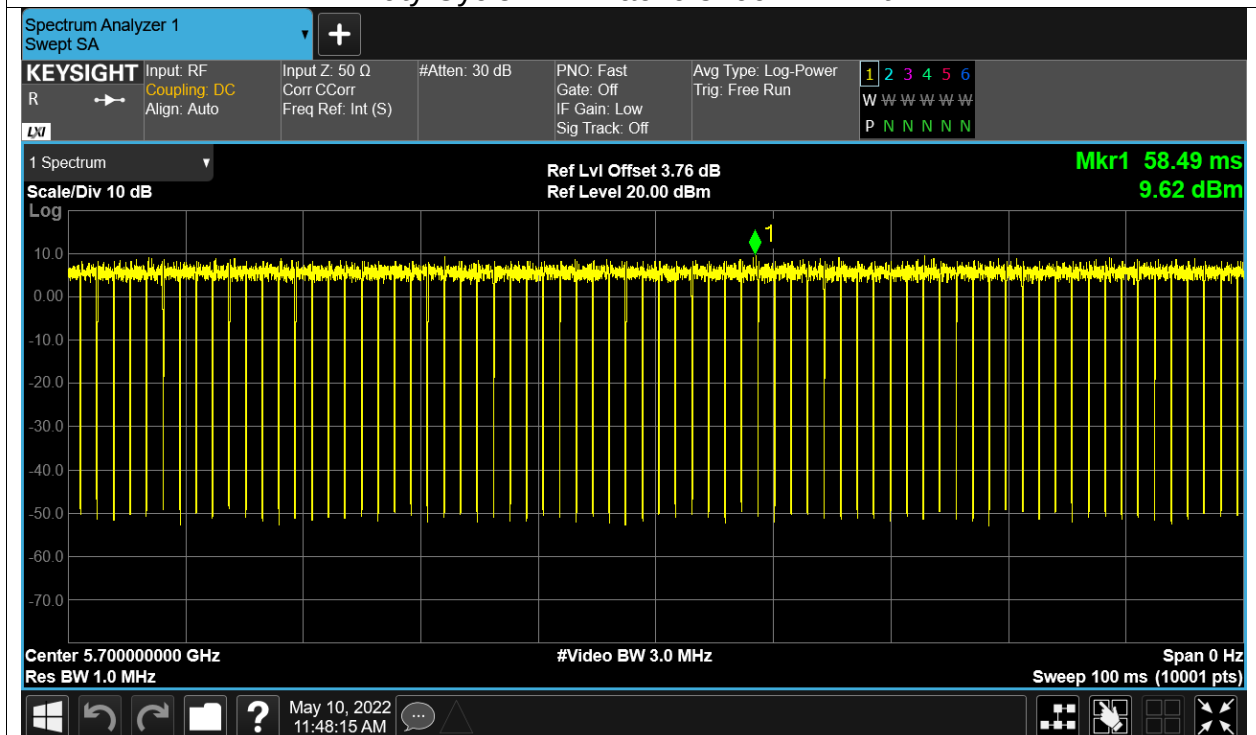
Duty Cycle NVNT ac20 5500MHz Ant1



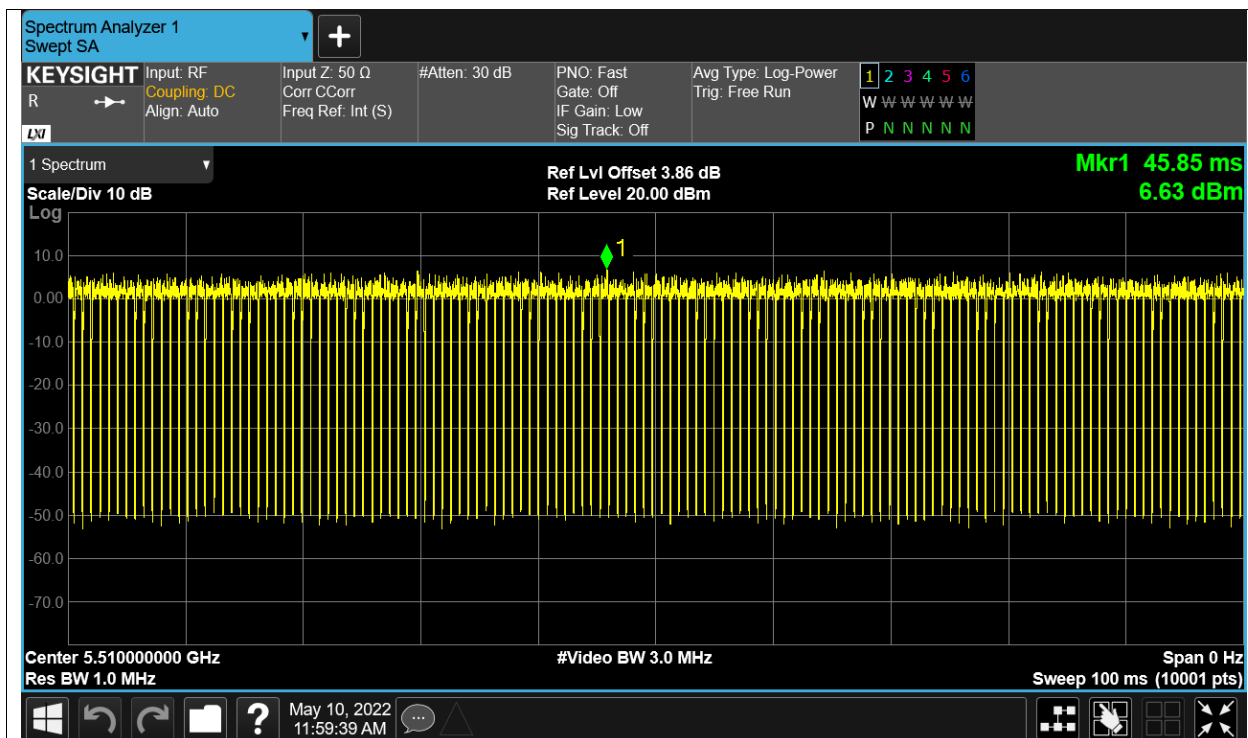
Duty Cycle NVNT ac20 5600MHz Ant1



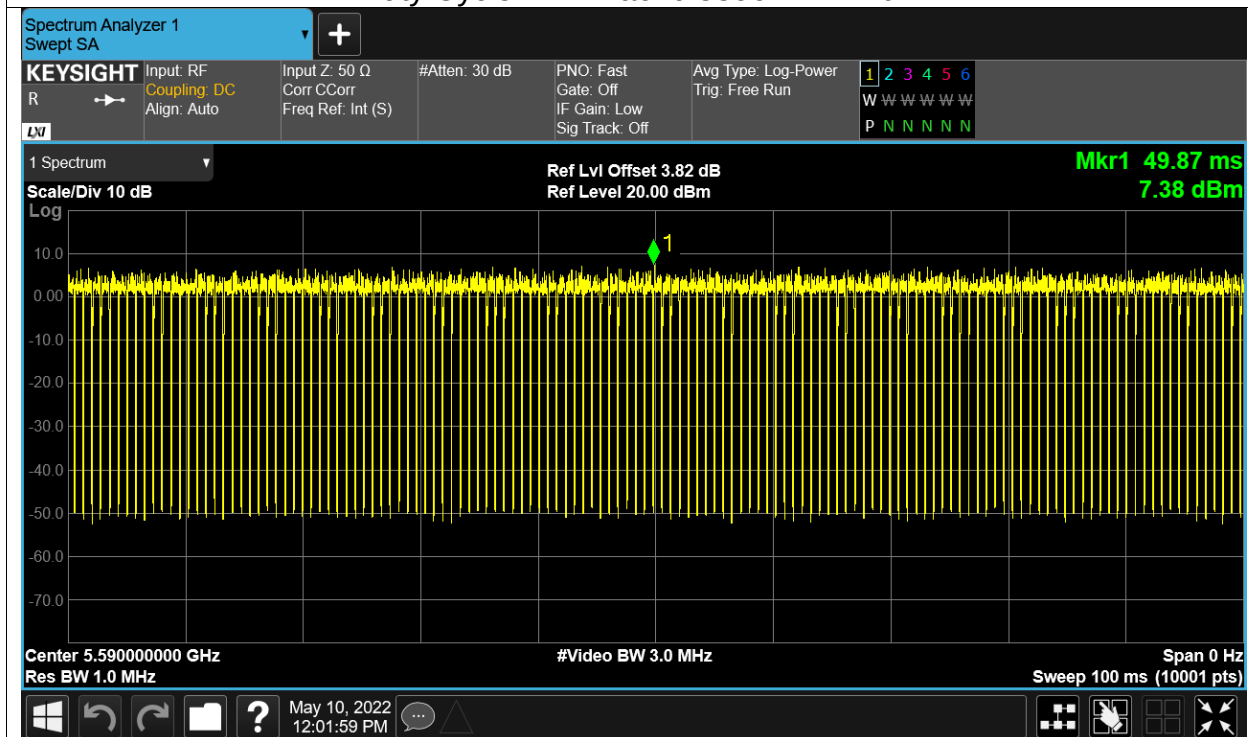
Duty Cycle NVNT ac20 5700MHz Ant1



Duty Cycle NVNT ac40 5510MHz Ant1



Duty Cycle NVNT ac40 5590MHz Ant1



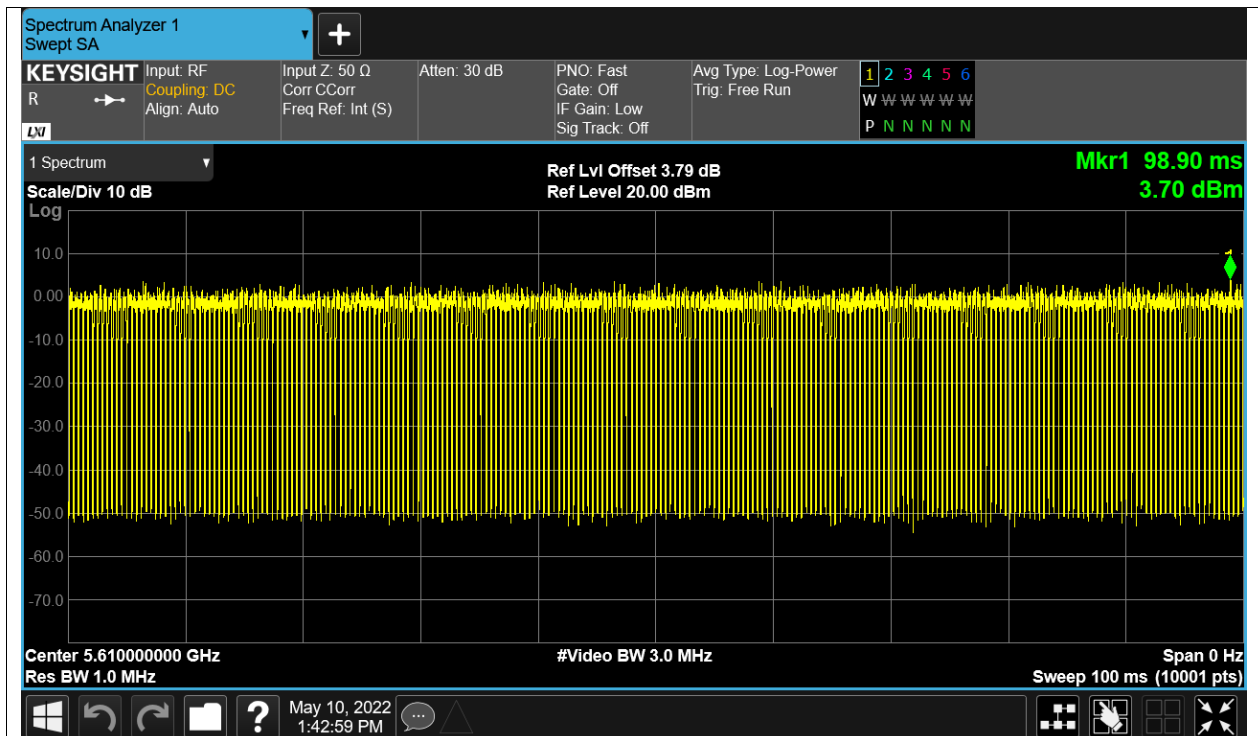
Duty Cycle NVNT ac40 5670MHz Ant1



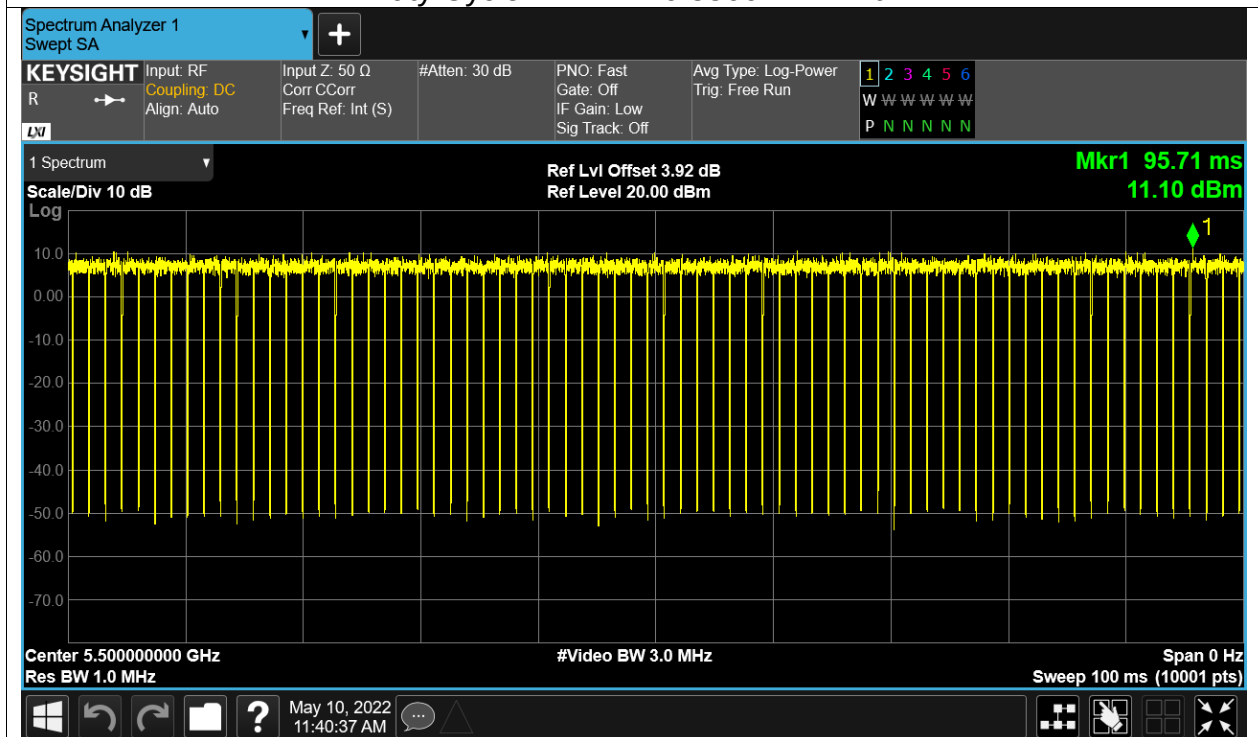
Duty Cycle NVNT ac80 5530MHz Ant1



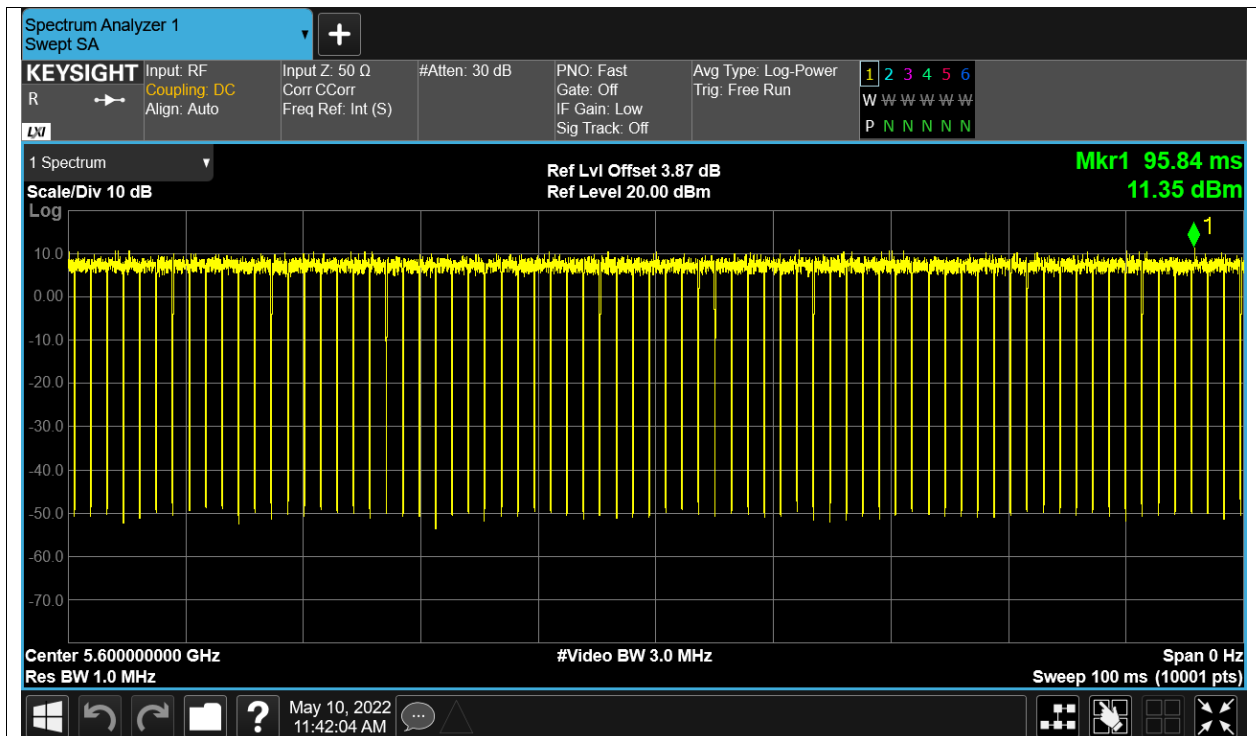
Duty Cycle NVNT ac80 5610MHz Ant1



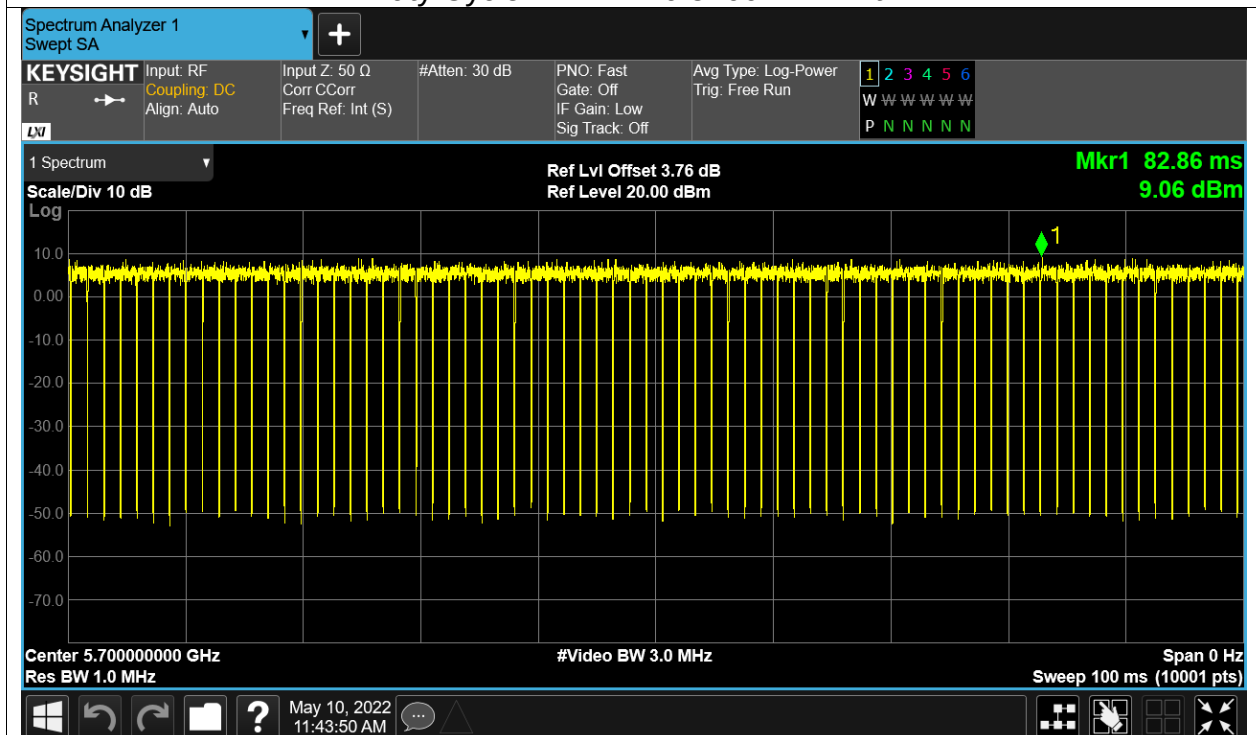
Duty Cycle NVNT n20 5500MHz Ant1



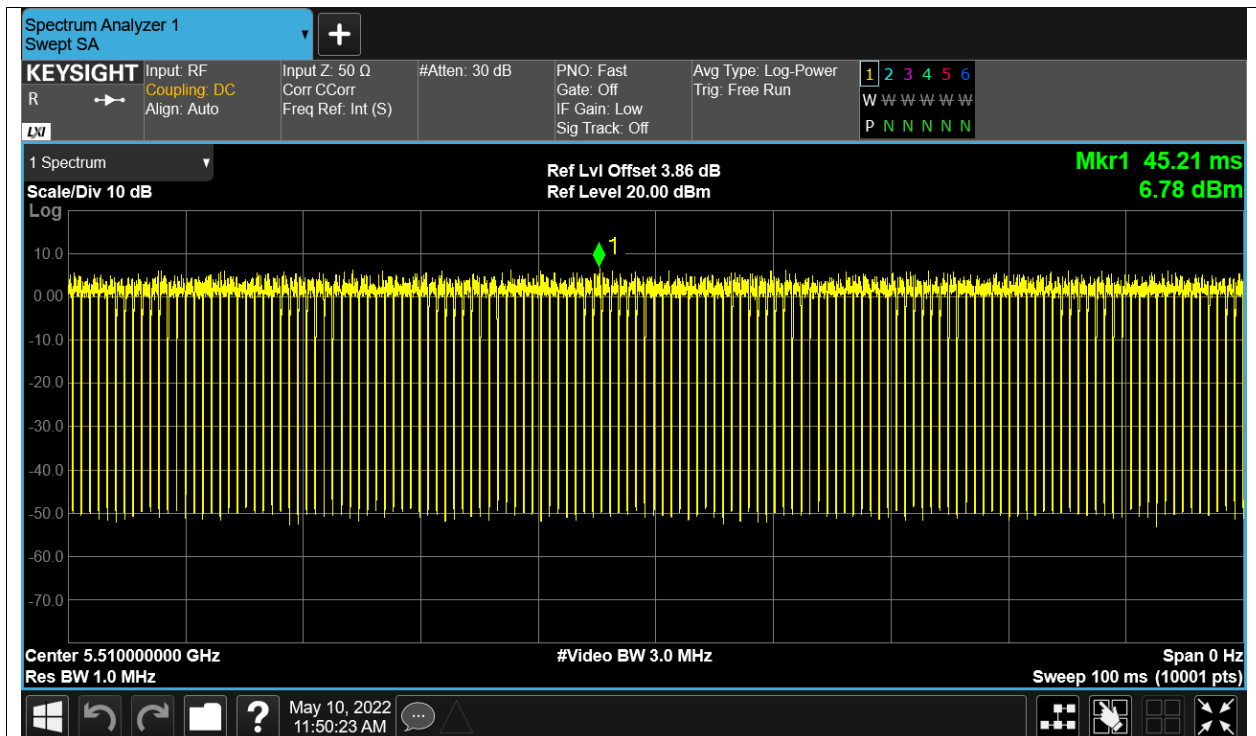
Duty Cycle NVNT n20 5600MHz Ant1



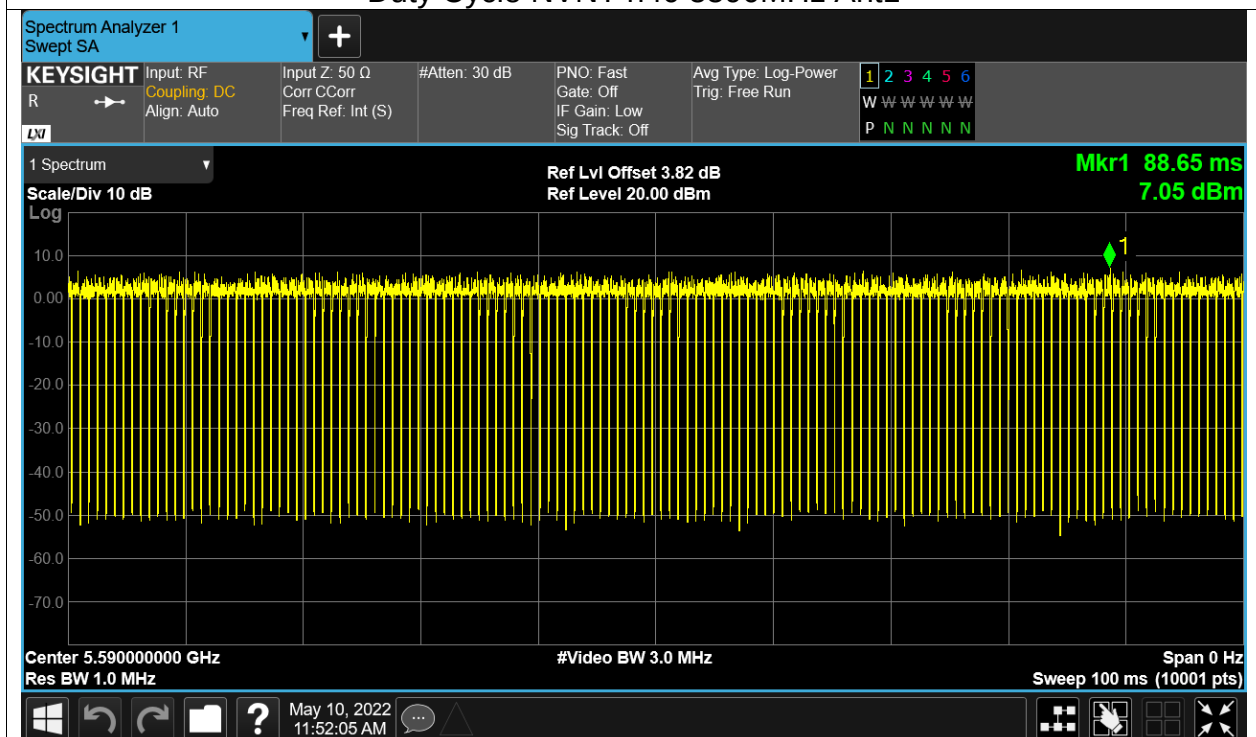
Duty Cycle NVNT n20 5700MHz Ant1



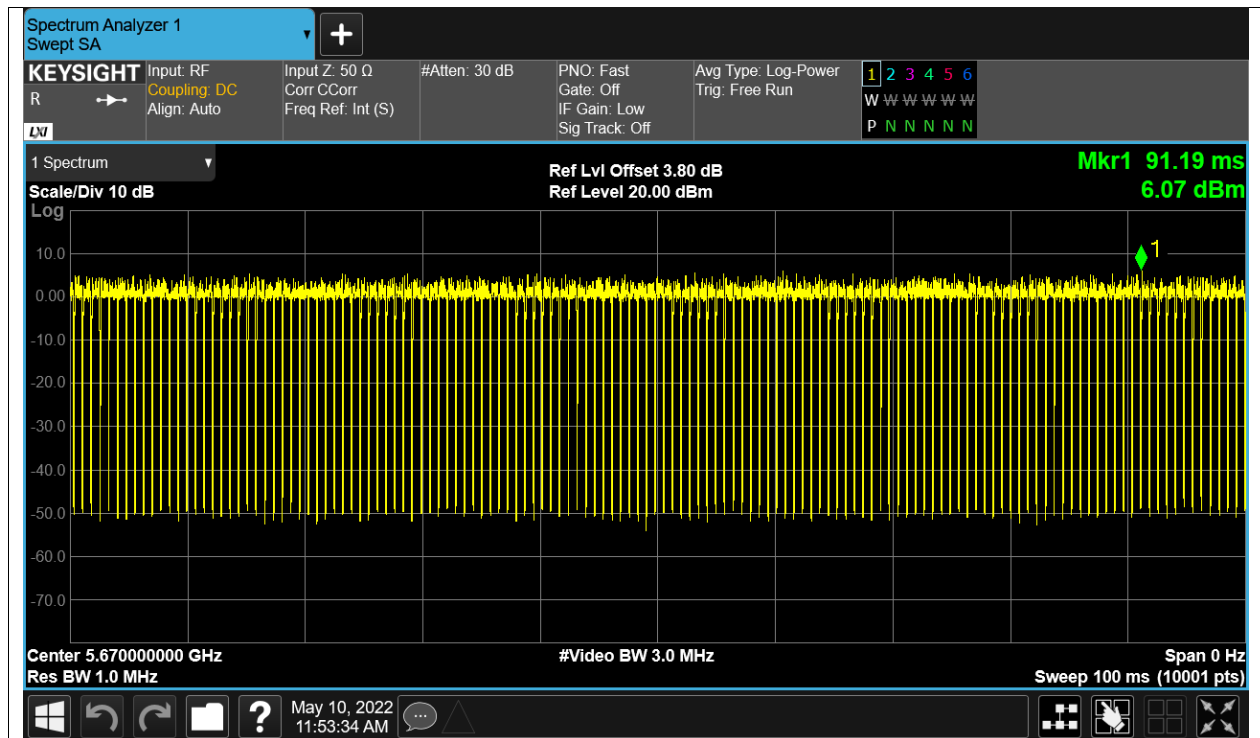
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



Duty Cycle NVNT n40 5670MHz Ant1



Maximum Conducted Output Power

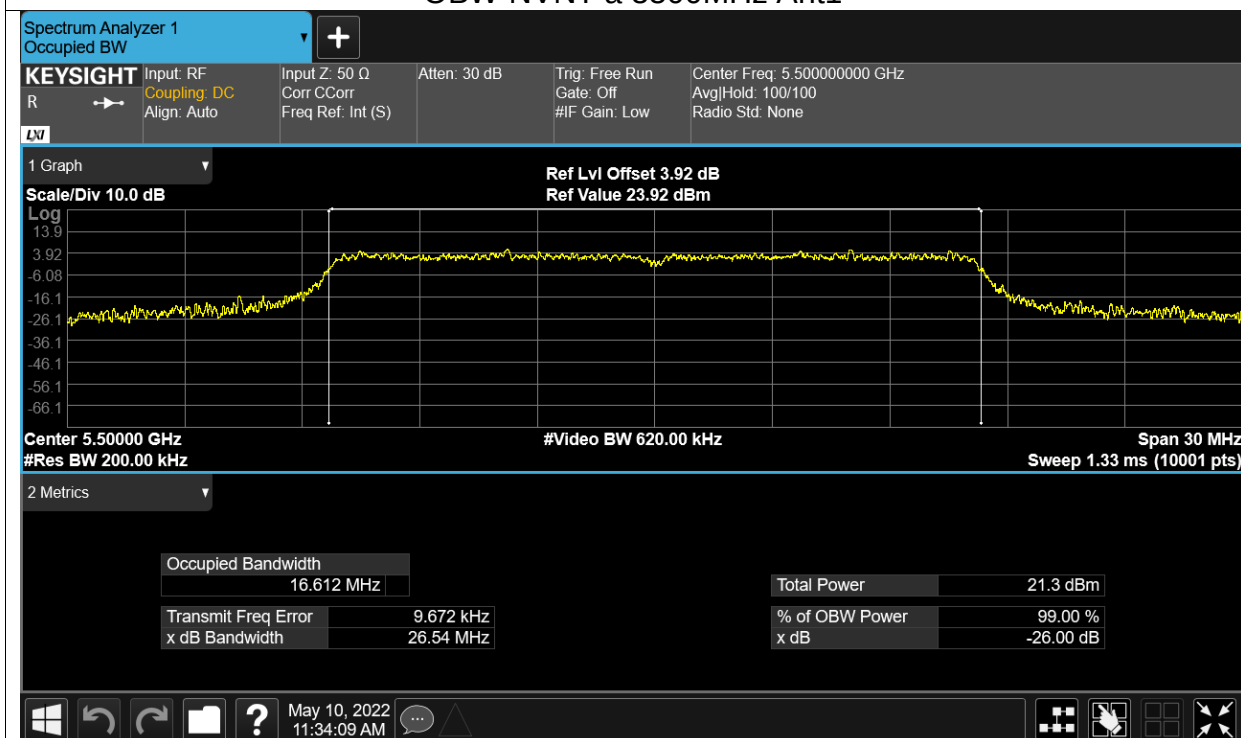
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	15.8	0.23	16.03	24	Pass
NVNT	a	5600	Ant1	16.56	0.24	16.8	24	Pass
NVNT	a	5700	Ant1	14.94	0.23	15.17	24	Pass
NVNT	ac20	5500	Ant1	15.46	0.25	15.71	24	Pass
NVNT	ac20	5600	Ant1	15.89	0.25	16.14	24	Pass
NVNT	ac20	5700	Ant1	14.21	0.25	14.46	24	Pass
NVNT	ac40	5510	Ant1	15.36	0.49	15.85	24	Pass
NVNT	ac40	5590	Ant1	16.12	0.49	16.61	24	Pass
NVNT	ac40	5670	Ant1	14.93	0.49	15.42	24	Pass
NVNT	ac80	5530	Ant1	15.61	0.9	16.51	24	Pass
NVNT	ac80	5610	Ant1	15.6	0.91	16.51	24	Pass
NVNT	n20	5500	Ant1	15.25	0.26	15.51	24	Pass
NVNT	n20	5600	Ant1	15.72	0.25	15.97	24	Pass
NVNT	n20	5700	Ant1	14.02	0.25	14.27	24	Pass
NVNT	n40	5510	Ant1	15.44	0.5	15.94	24	Pass
NVNT	n40	5590	Ant1	15.86	0.49	16.35	24	Pass
NVNT	n40	5670	Ant1	14.71	0.49	15.2	24	Pass

Occupied Channel Bandwidth

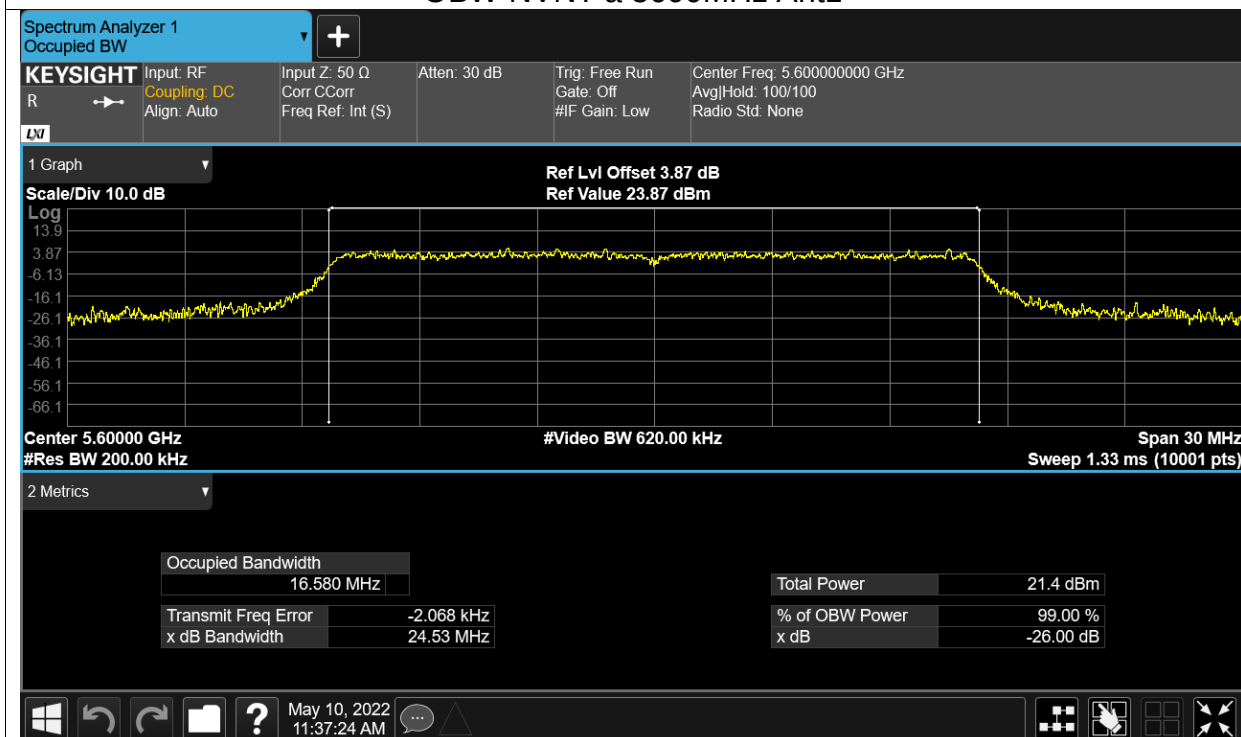
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.61228288
NVNT	a	5600	Ant1	16.57957782
NVNT	a	5700	Ant1	16.56282814
NVNT	ac20	5500	Ant1	17.60842144
NVNT	ac20	5600	Ant1	17.59753626
NVNT	ac20	5700	Ant1	17.58834268
NVNT	ac40	5510	Ant1	36.07266472
NVNT	ac40	5590	Ant1	36.03997666
NVNT	ac40	5670	Ant1	36.05073805
NVNT	ac80	5530	Ant1	75.44857314
NVNT	ac80	5610	Ant1	75.39795039
NVNT	n20	5500	Ant1	17.59681694
NVNT	n20	5600	Ant1	17.56540153
NVNT	n20	5700	Ant1	17.58248578
NVNT	n40	5510	Ant1	36.08227683
NVNT	n40	5590	Ant1	36.00711261
NVNT	n40	5670	Ant1	36.05128986

Test Graphs

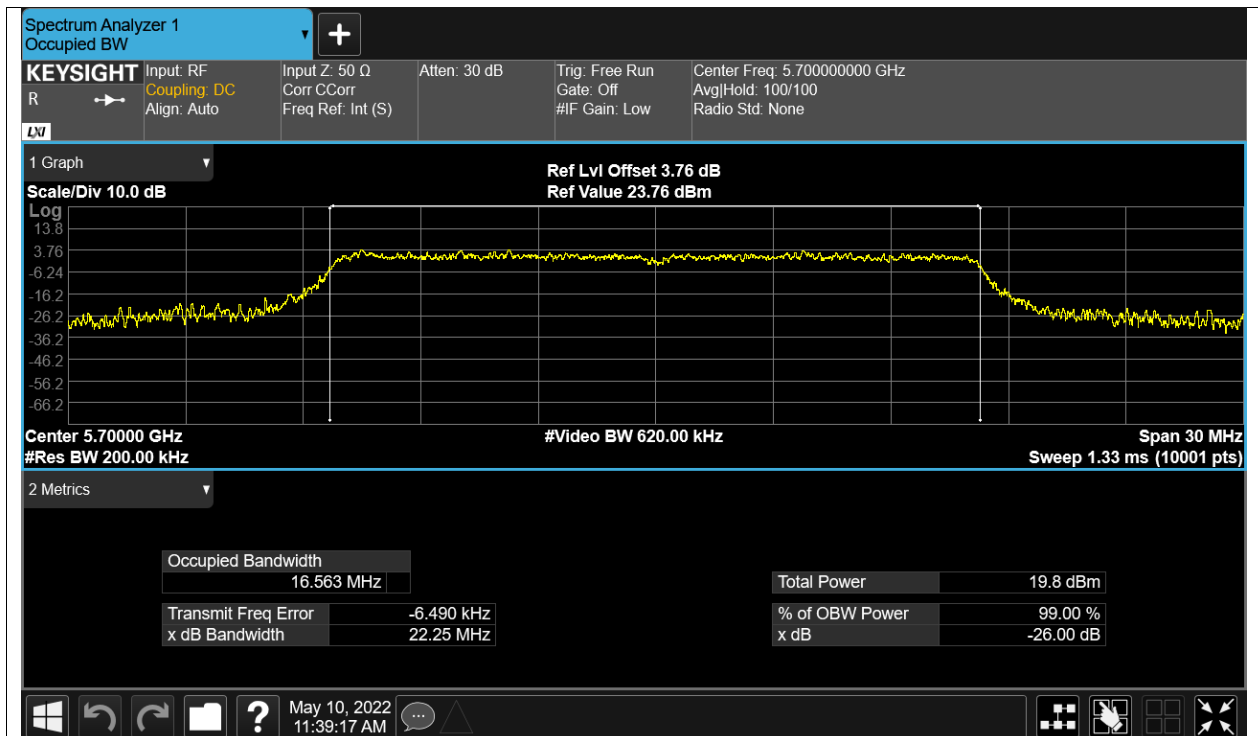
OBW NVNT a 5500MHz Ant1



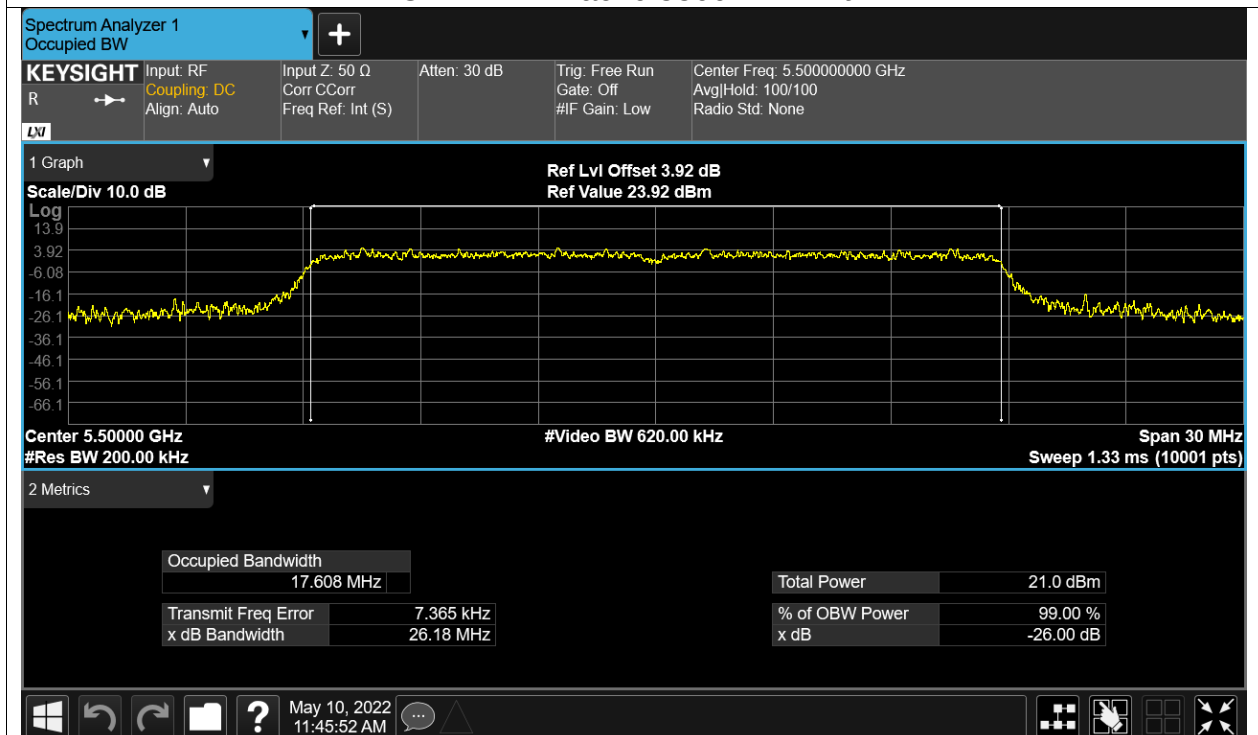
OBW NVNT a 5600MHz Ant1



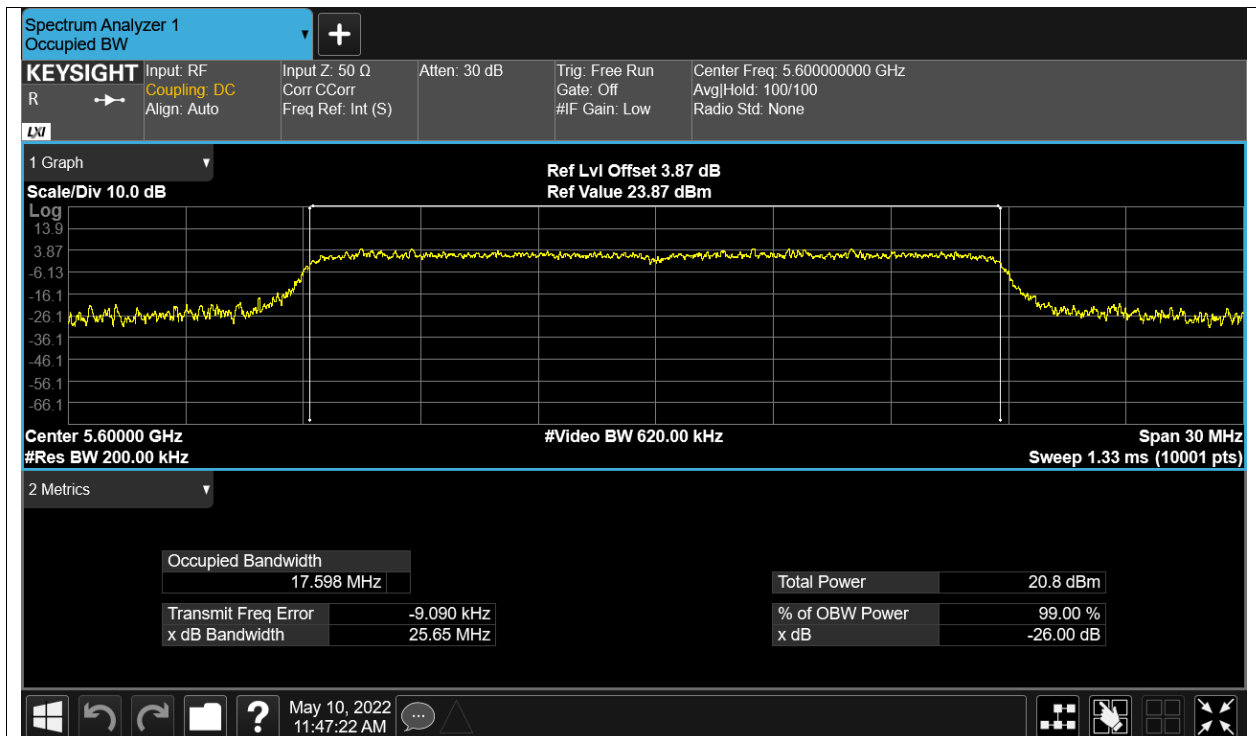
OBW NVNT a 5700MHz Ant1



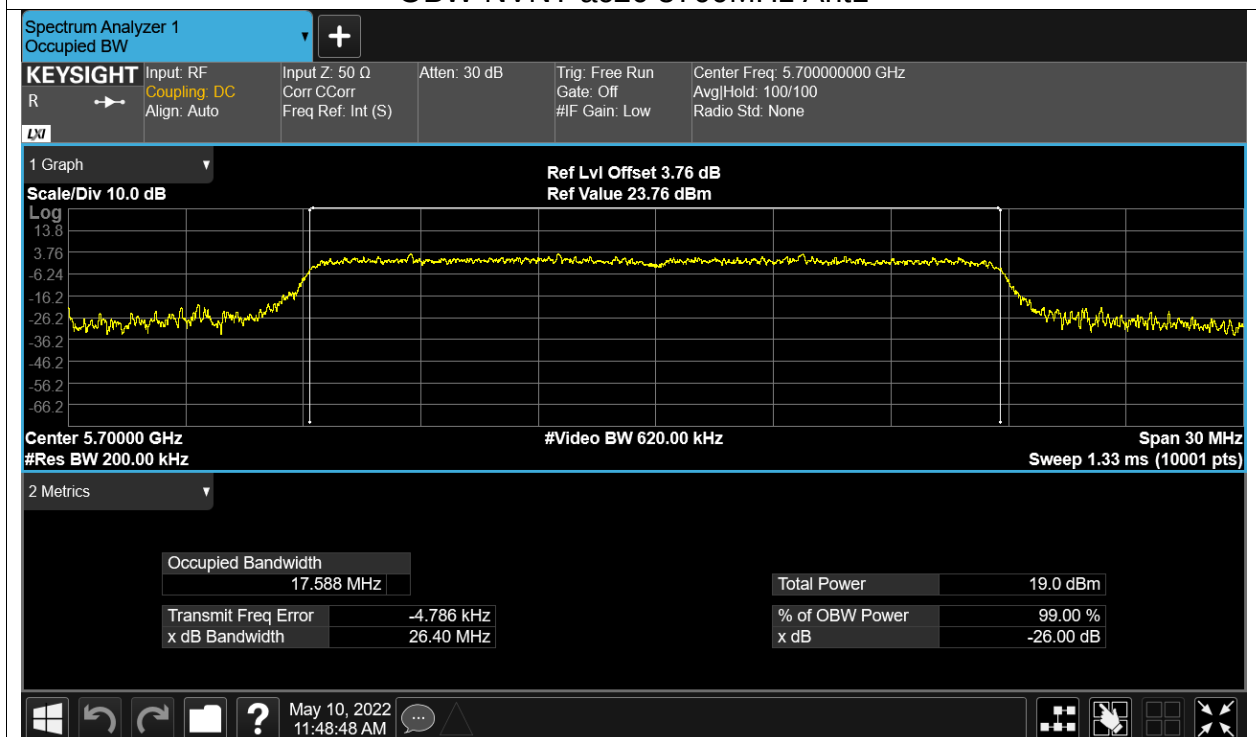
OBW NVNT ac20 5500MHz Ant1



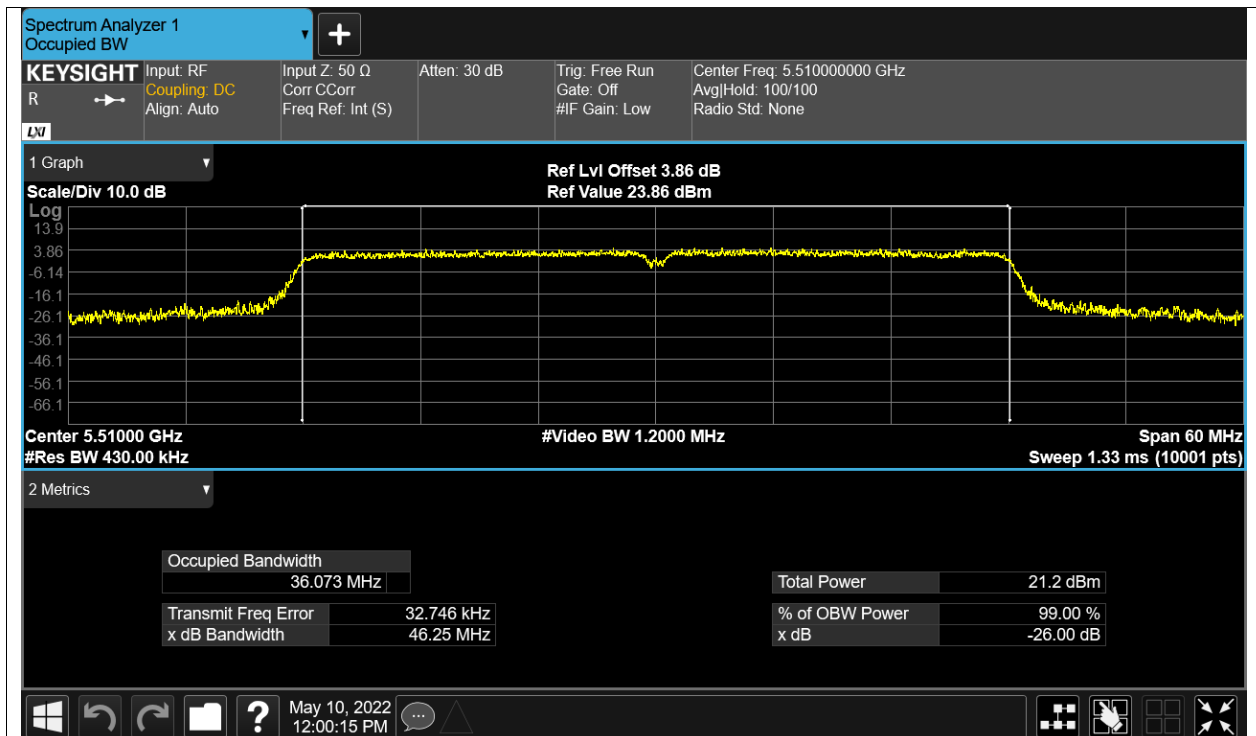
OBW NVNT ac20 5600MHz Ant1



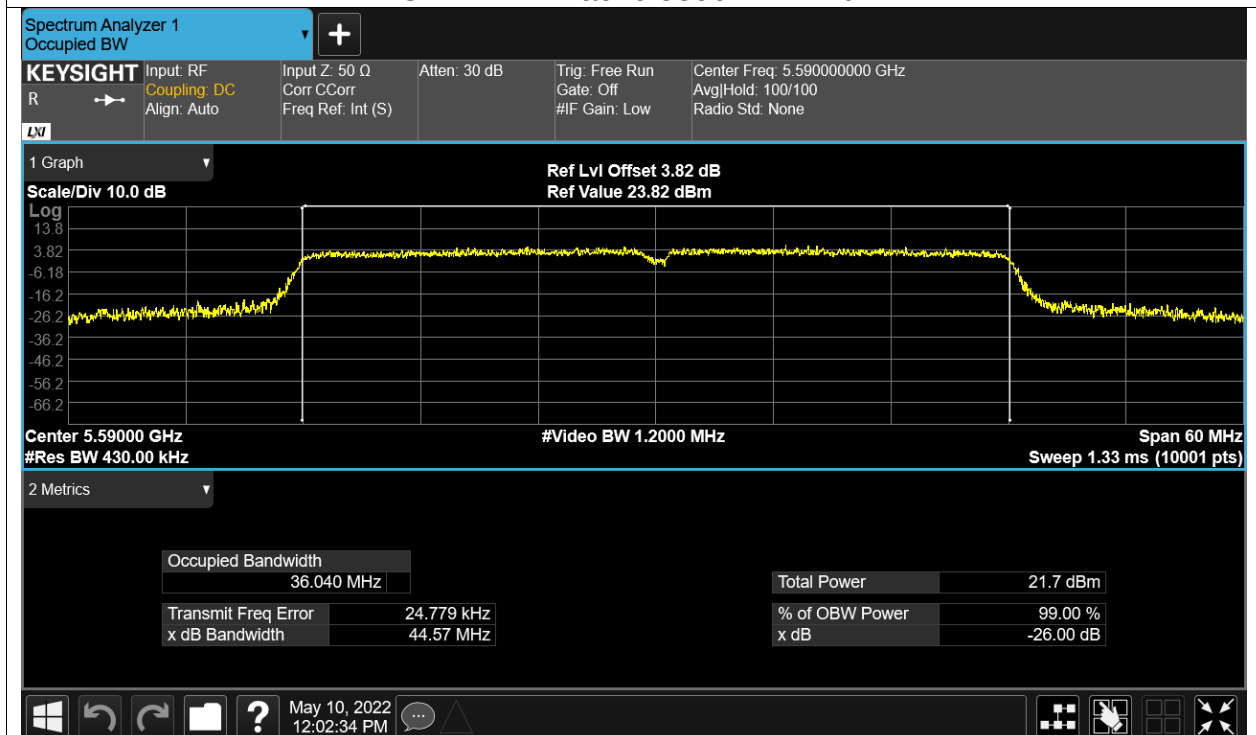
OBW NVNT ac20 5700MHz Ant1



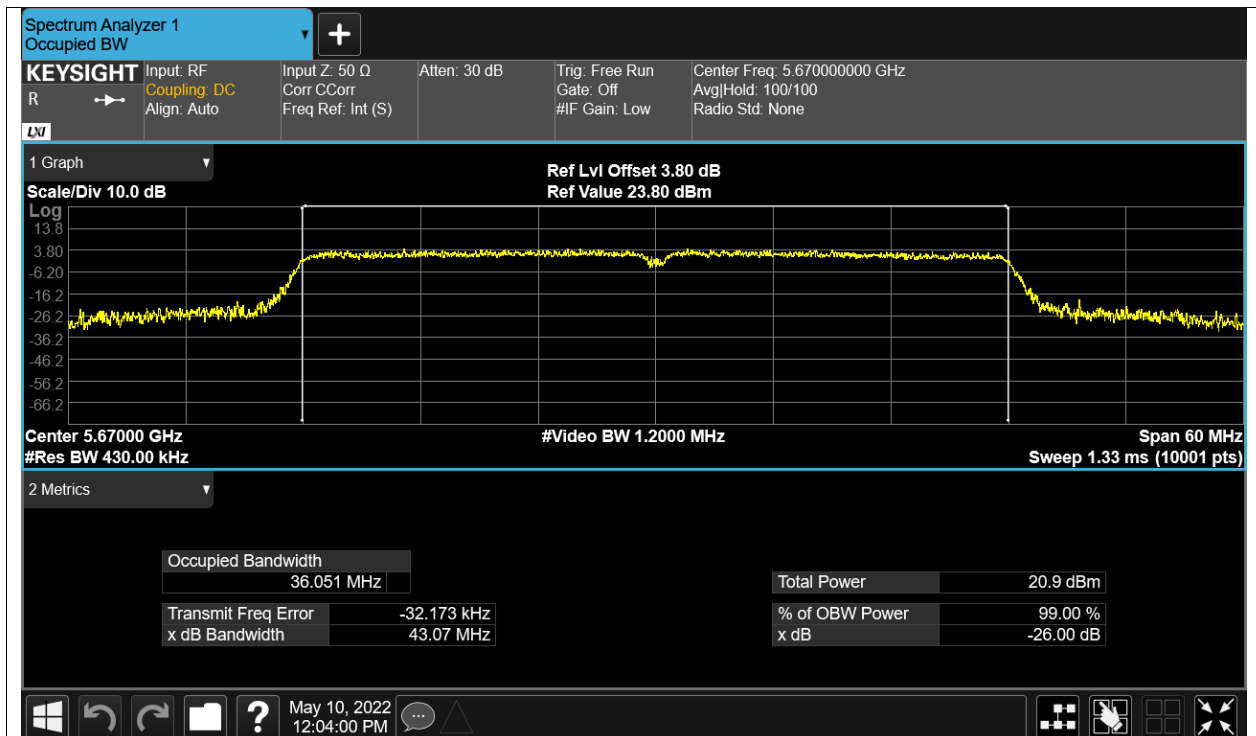
OBW NVNT ac40 5510MHz Ant1



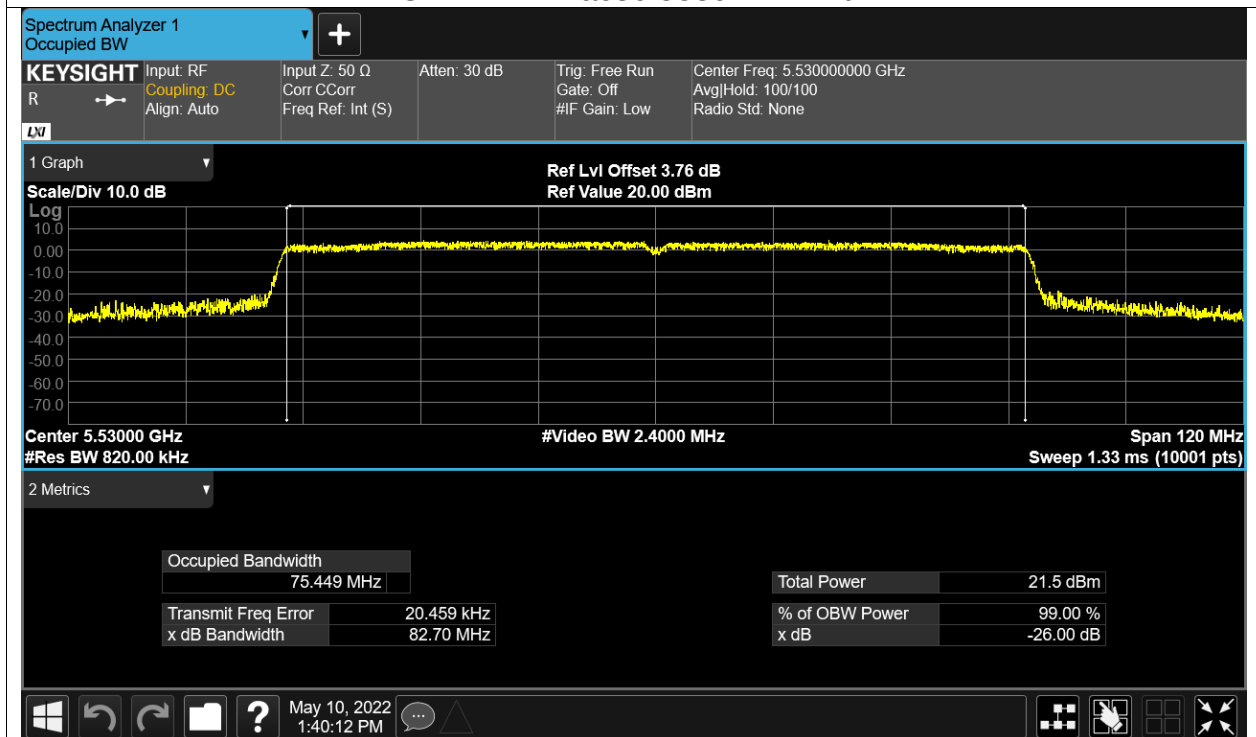
OBW NVNT ac40 5590MHz Ant1



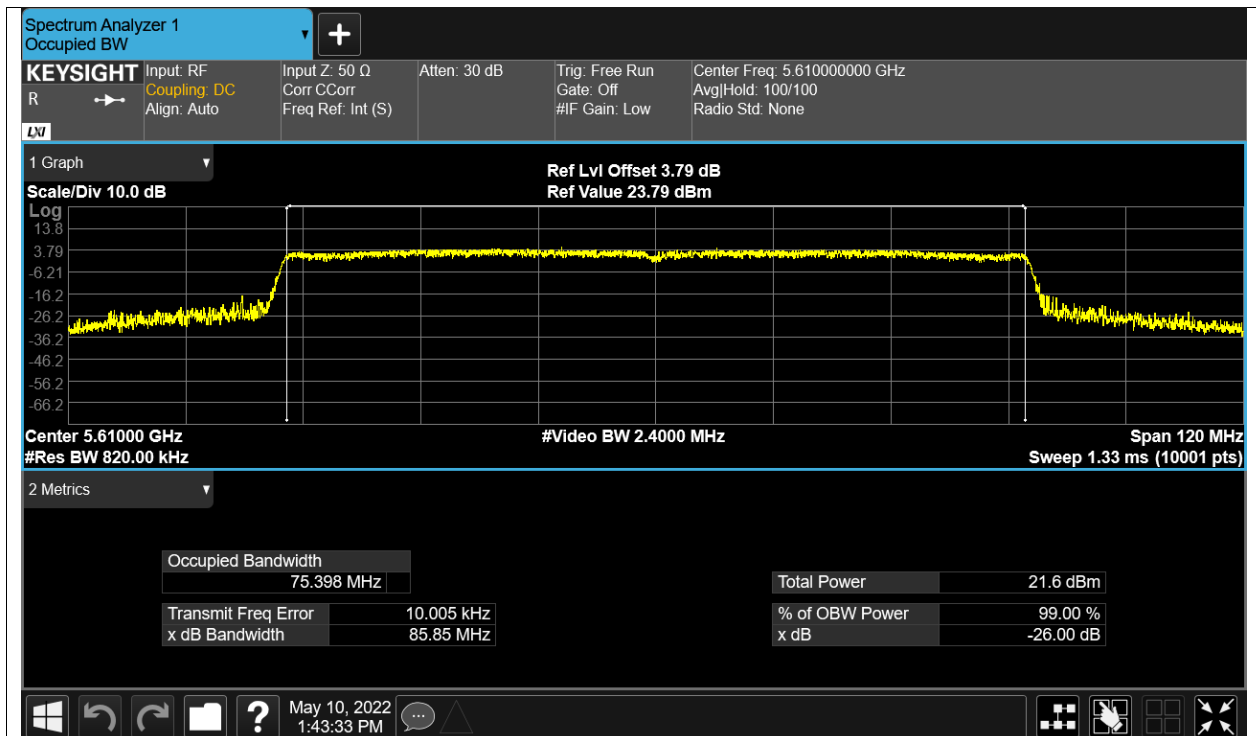
OBW NVNT ac40 5670MHz Ant1



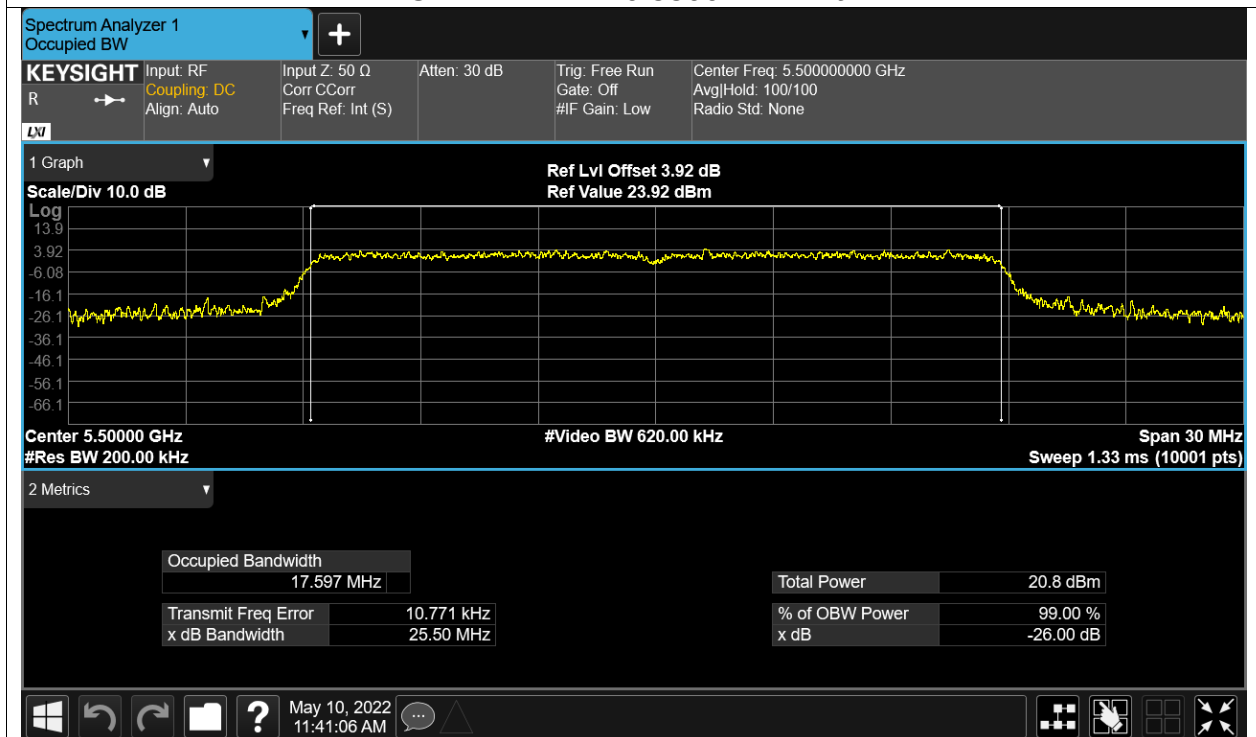
OBW NVNT ac80 5530MHz Ant1



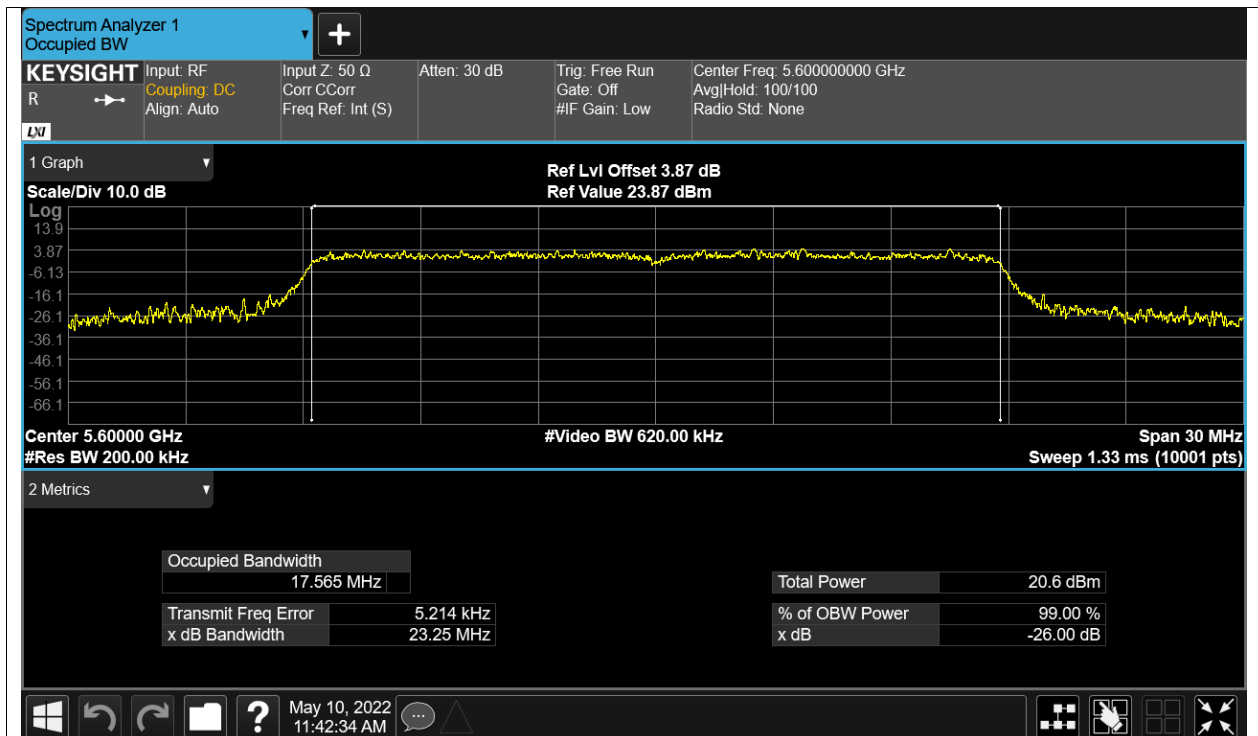
OBW NVNT ac80 5610MHz Ant1



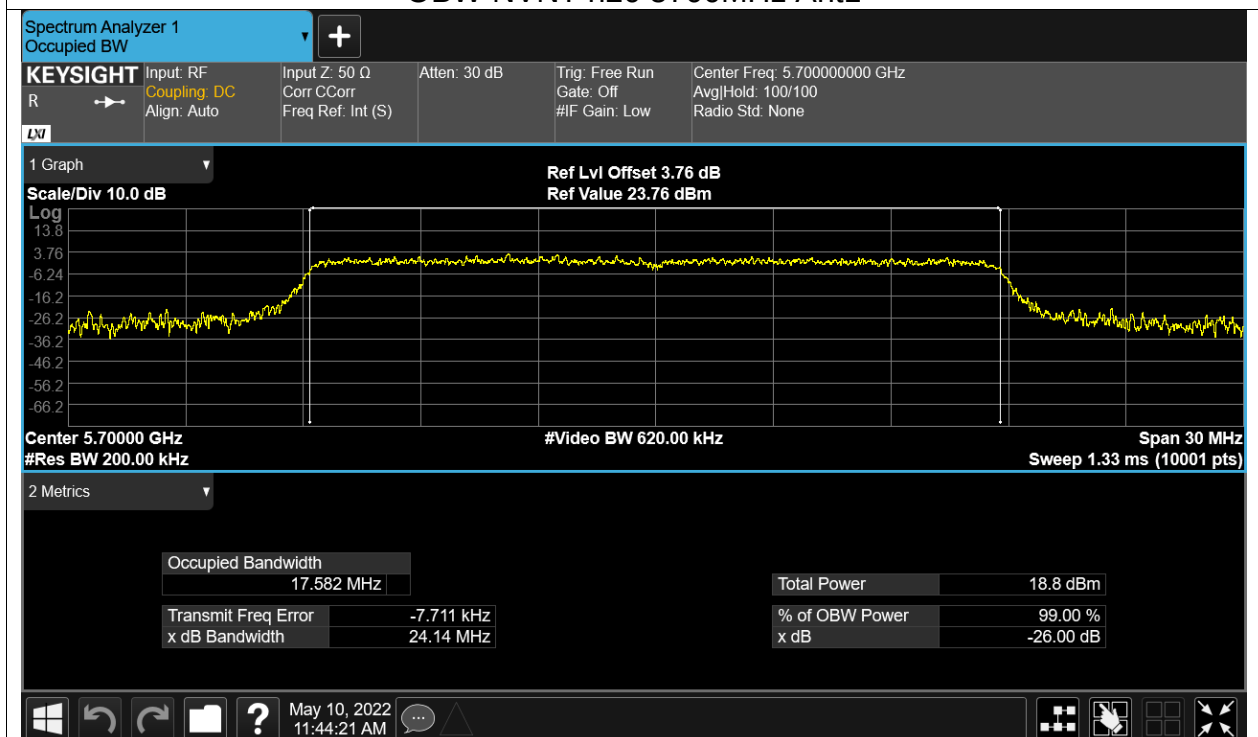
OBW NVNT n20 5500MHz Ant1



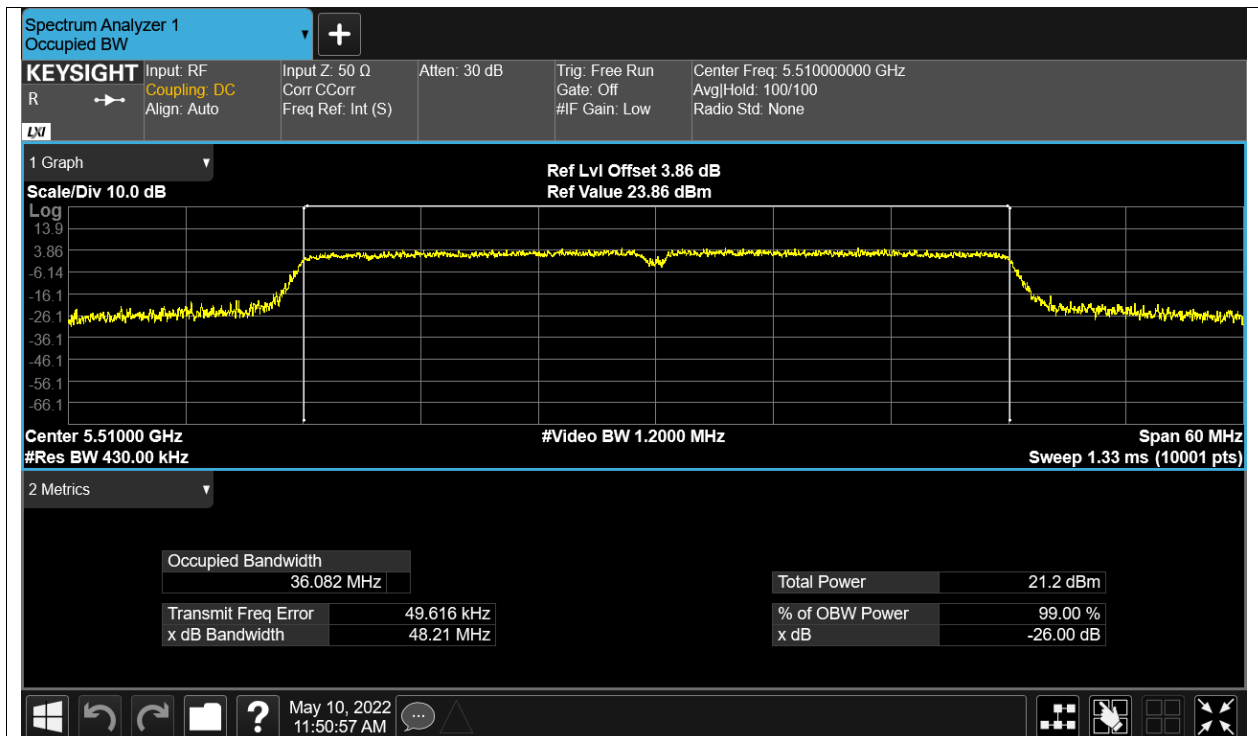
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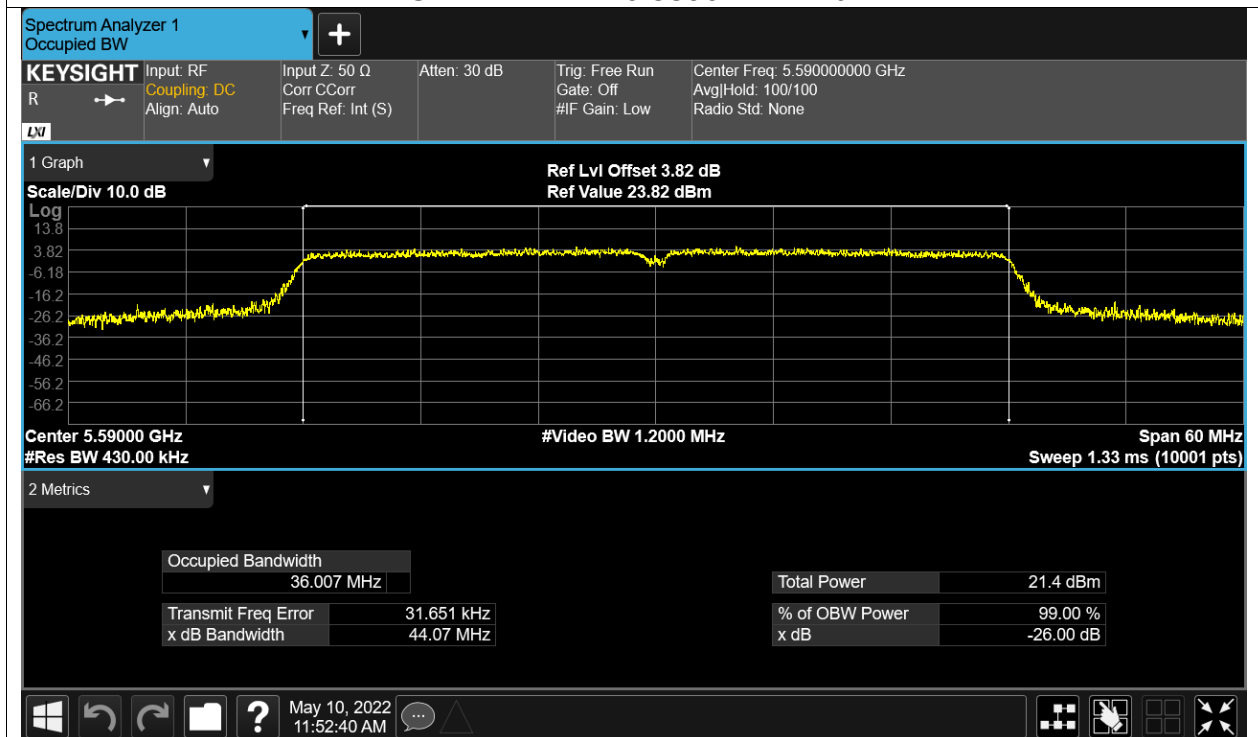
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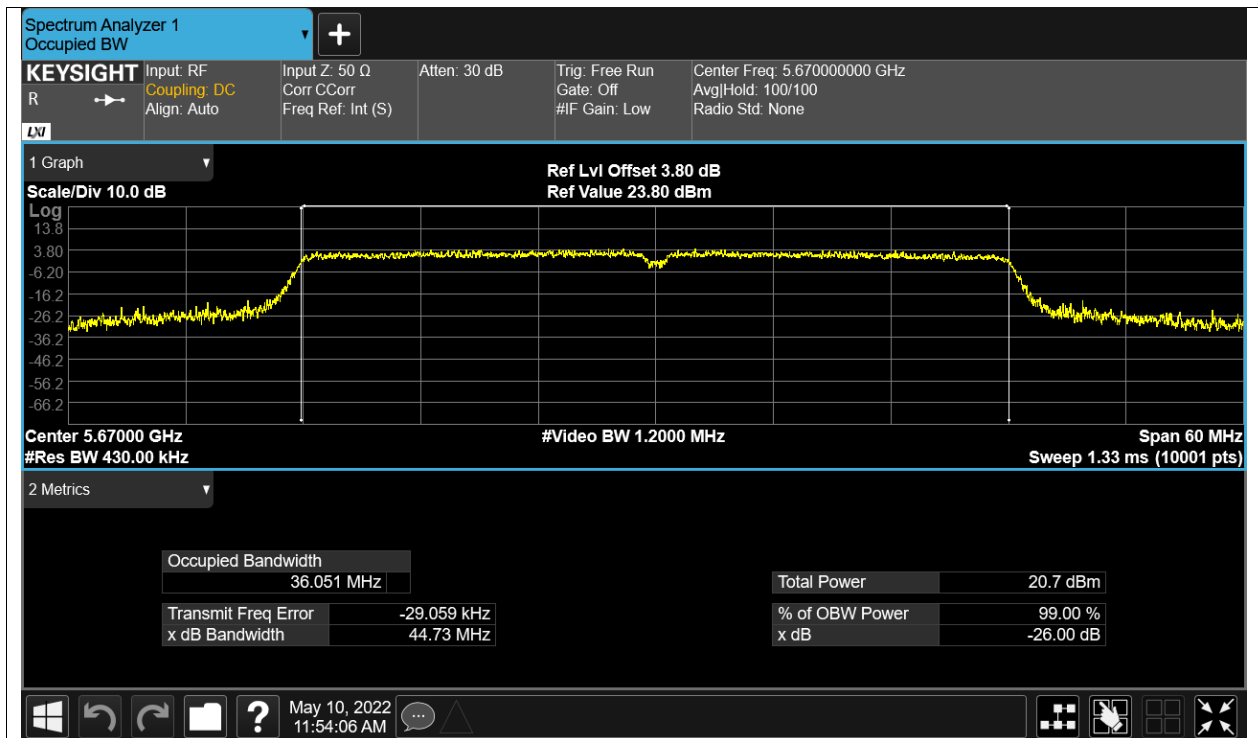
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



OBW NVNT n40 5670MHz Ant1

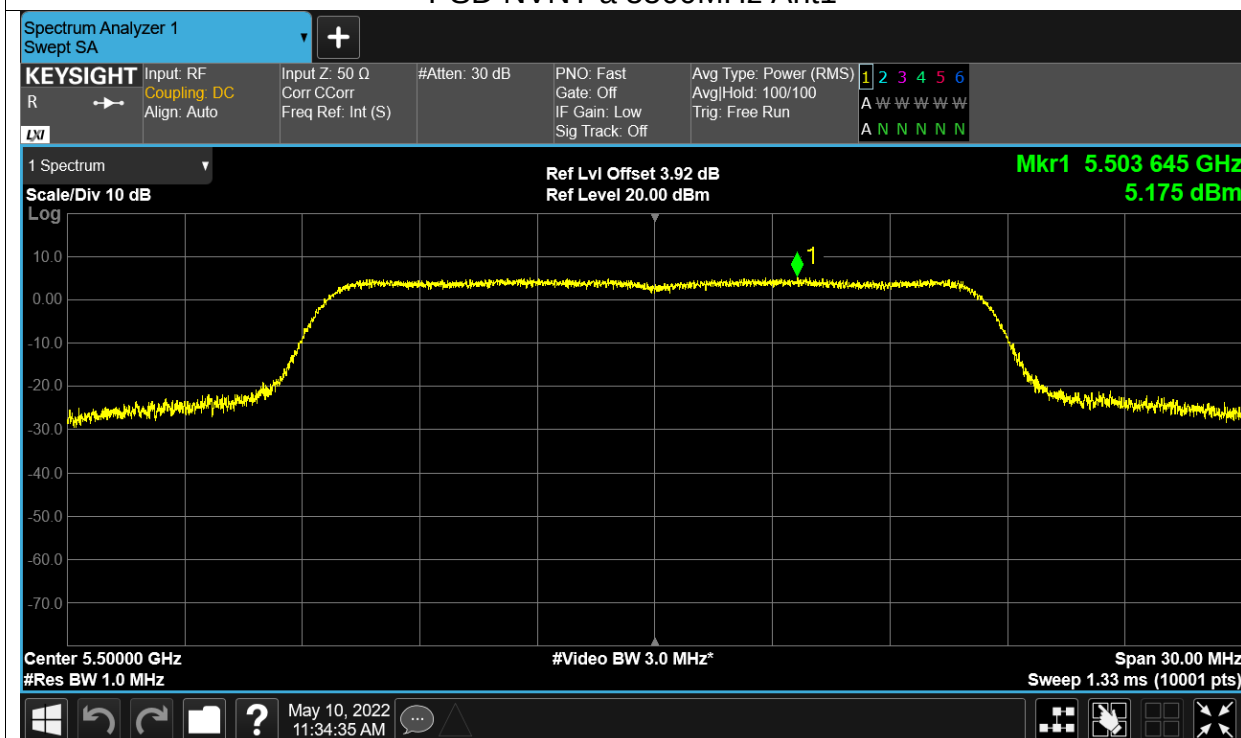


Maximum Power Spectral Density Level

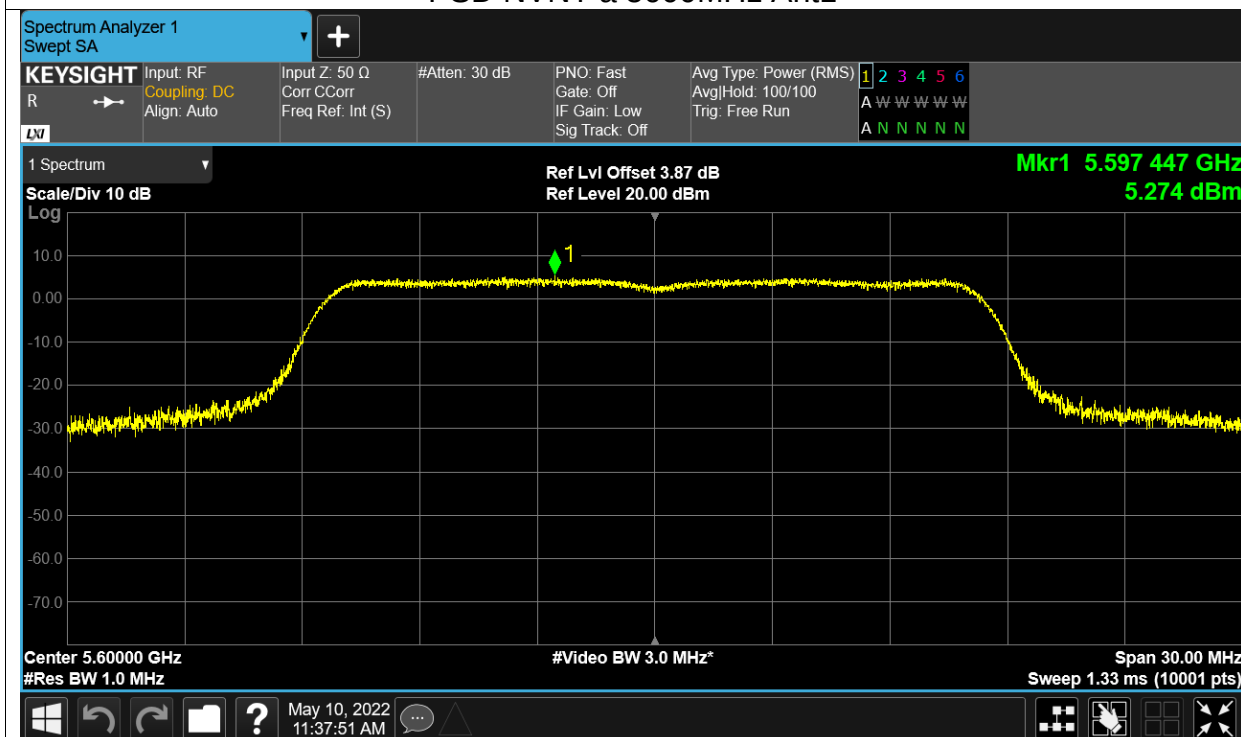
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	5.175	11	Pass
NVNT	a	5600	Ant1	5.274	11	Pass
NVNT	a	5700	Ant1	3.701	11	Pass
NVNT	ac20	5500	Ant1	4.197	11	Pass
NVNT	ac20	5600	Ant1	4.157	11	Pass
NVNT	ac20	5700	Ant1	2.678	11	Pass
NVNT	ac40	5510	Ant1	1.729	11	Pass
NVNT	ac40	5590	Ant1	2.235	11	Pass
NVNT	ac40	5670	Ant1	1.311	11	Pass
NVNT	ac80	5530	Ant1	-2.16	11	Pass
NVNT	ac80	5610	Ant1	-2.462	11	Pass
NVNT	n20	5500	Ant1	4.046	11	Pass
NVNT	n20	5600	Ant1	3.847	11	Pass
NVNT	n20	5700	Ant1	2.122	11	Pass
NVNT	n40	5510	Ant1	1.473	11	Pass
NVNT	n40	5590	Ant1	1.875	11	Pass
NVNT	n40	5670	Ant1	1.29	11	Pass

Test Graphs

PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1



PSD NVNT a 5700MHz Ant1