

Test Data

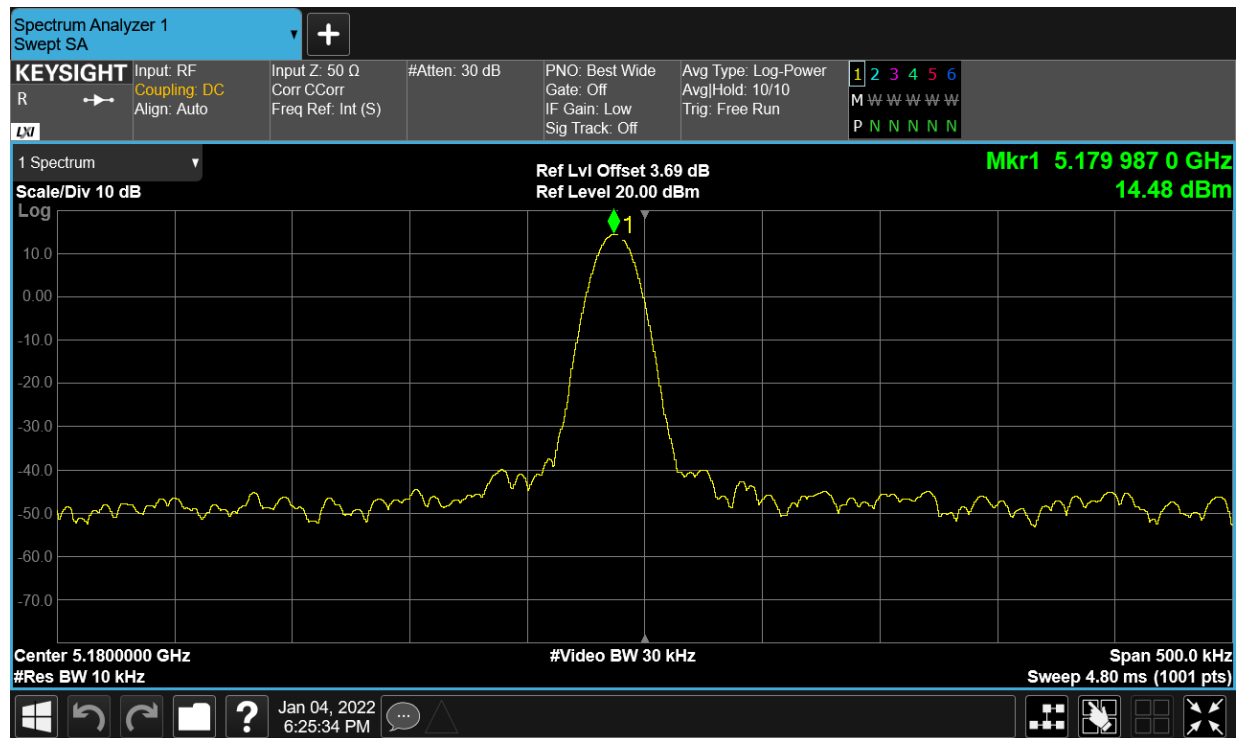
Frequency Stability(wosrt case mode)

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVHT	ax20	5180	Sum	5179.987	-2.51	within the band	Pass
NVLT	ax20	5180	Sum	5179.987	-2.51		Pass
LVNT	ax20	5180	Sum	5179.987	-2.51		Pass
LVNT	ax20	5180	Sum	5179.987	-2.51		Pass
NVNT	ax20	5180	Sum	5179.987	-2.51		Pass
NVLT	ax40	5190	Sum	5189.988	-2.31		Pass
LVNT	ax40	5190	Sum	5189.9875	-2.41		Pass
LVNT	ax40	5190	Sum	5189.9885	-2.22		Pass
NVNT	ax40	5190	Sum	5189.989	-2.12		Pass
NVLT	ax40	5190	Sum	5189.9905	-1.83		Pass
LVNT	ax80	5210	Sum	5209.9875	-2.4		Pass
LVNT	ax80	5210	Sum	5209.9875	-2.4		Pass
NVNT	ax80	5210	Sum	5209.9875	-2.4		Pass
NVLT	ax80	5210	Sum	5209.9875	-2.4		Pass
LVNT	ax80	5210	Sum	5209.988	-2.3		Pass

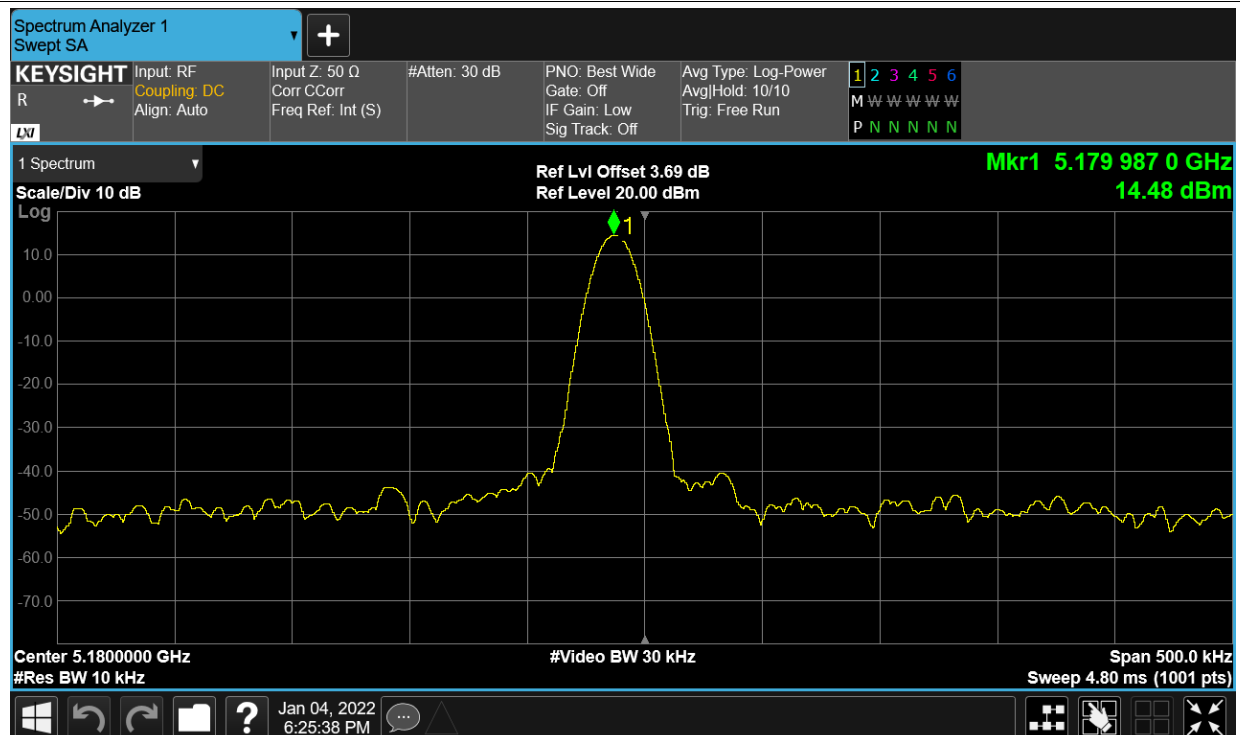
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

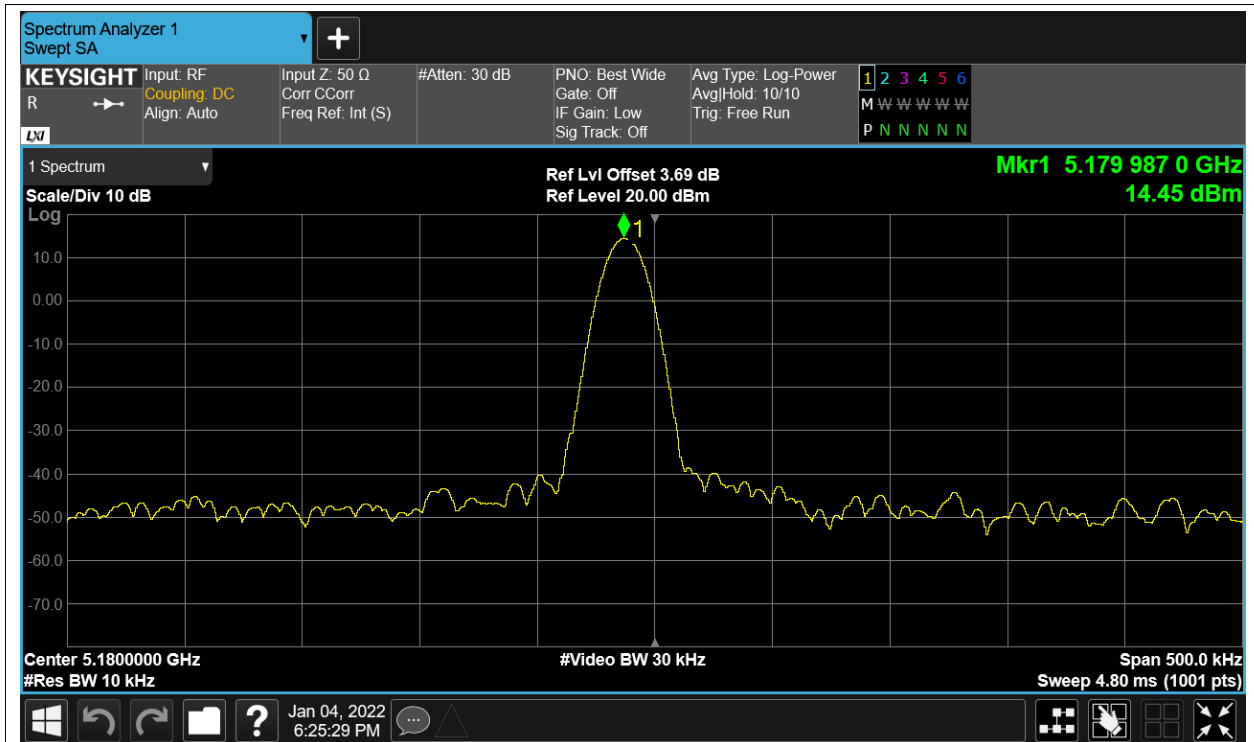
Freq. Stability HVHT ax20 5180MHz Sum



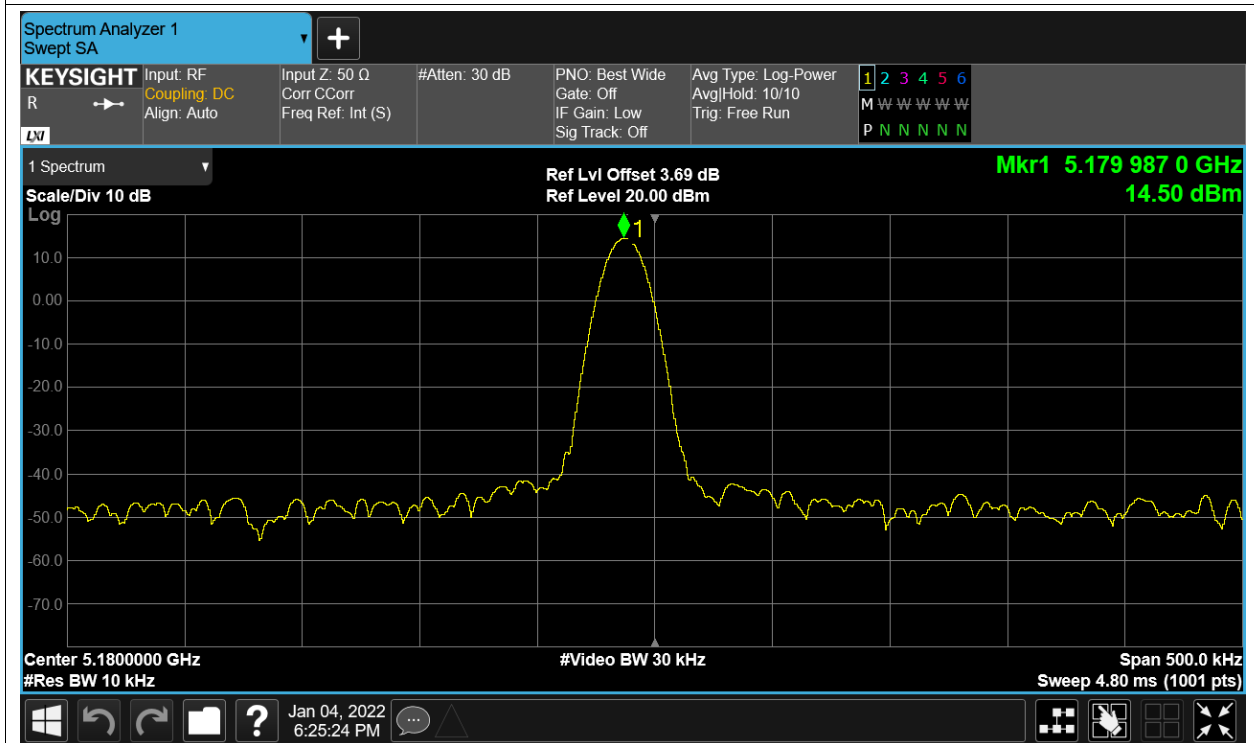
Freq. Stability HVLT ax20 5180MHz Sum



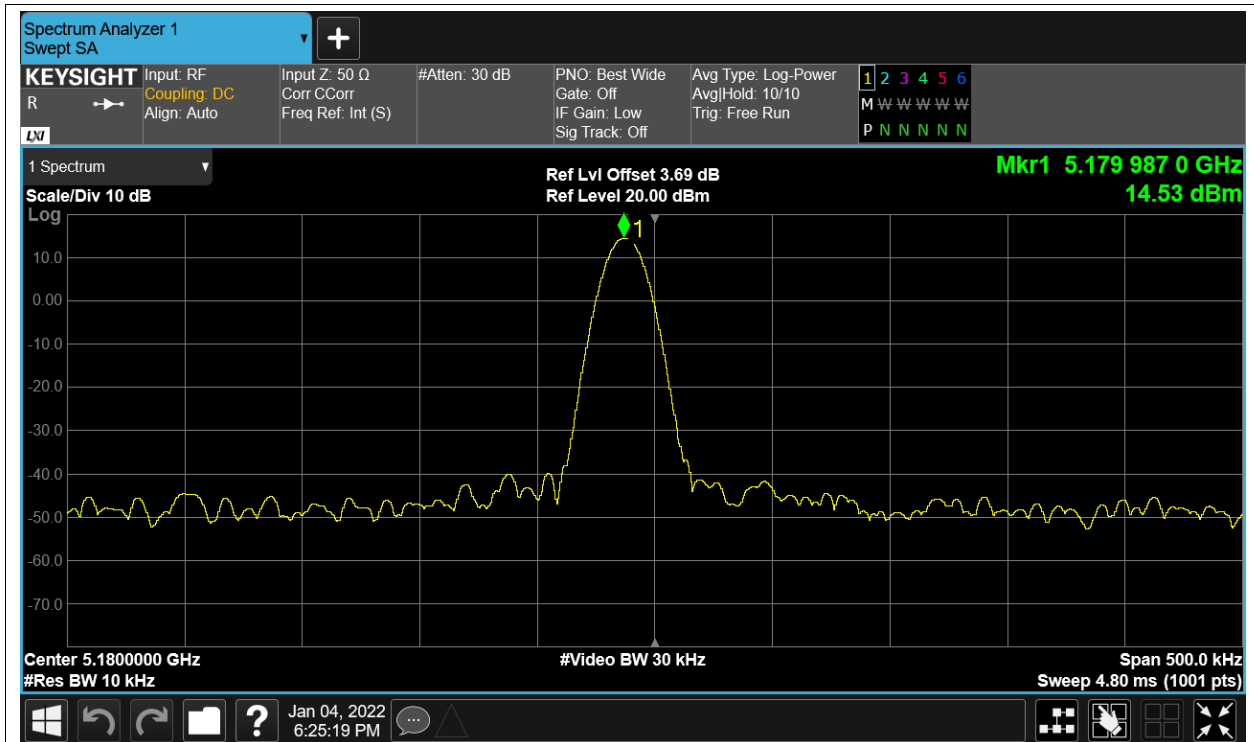
Freq. Stability LVHT ax20 5180MHz Sum



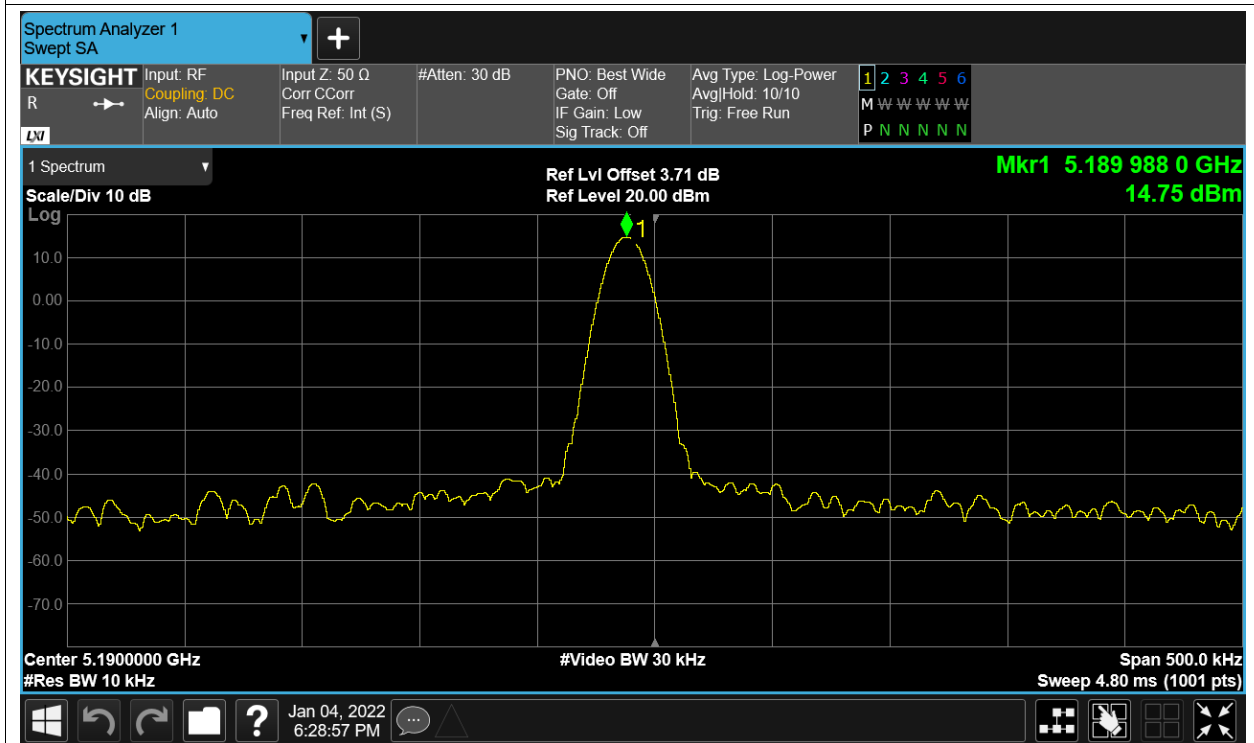
Freq. Stability LVLTL ax20 5180MHz Sum



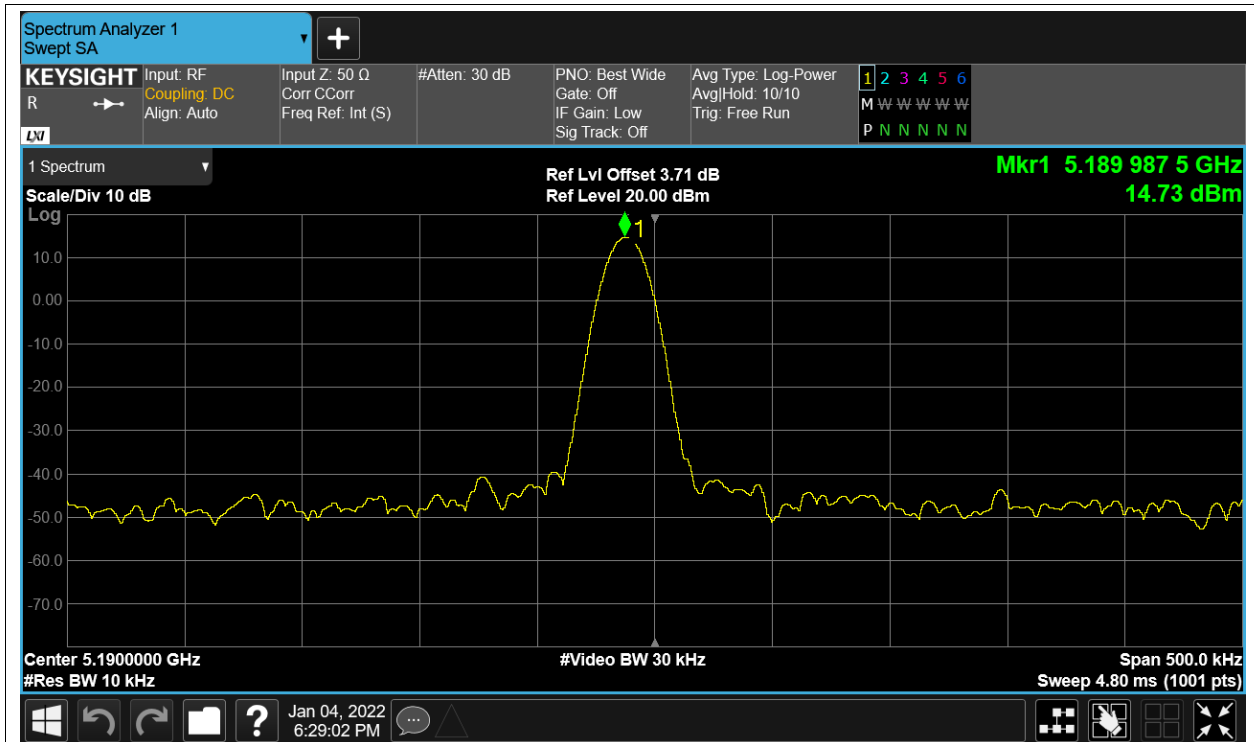
Freq. Stability NVNT ax20 5180MHz Sum



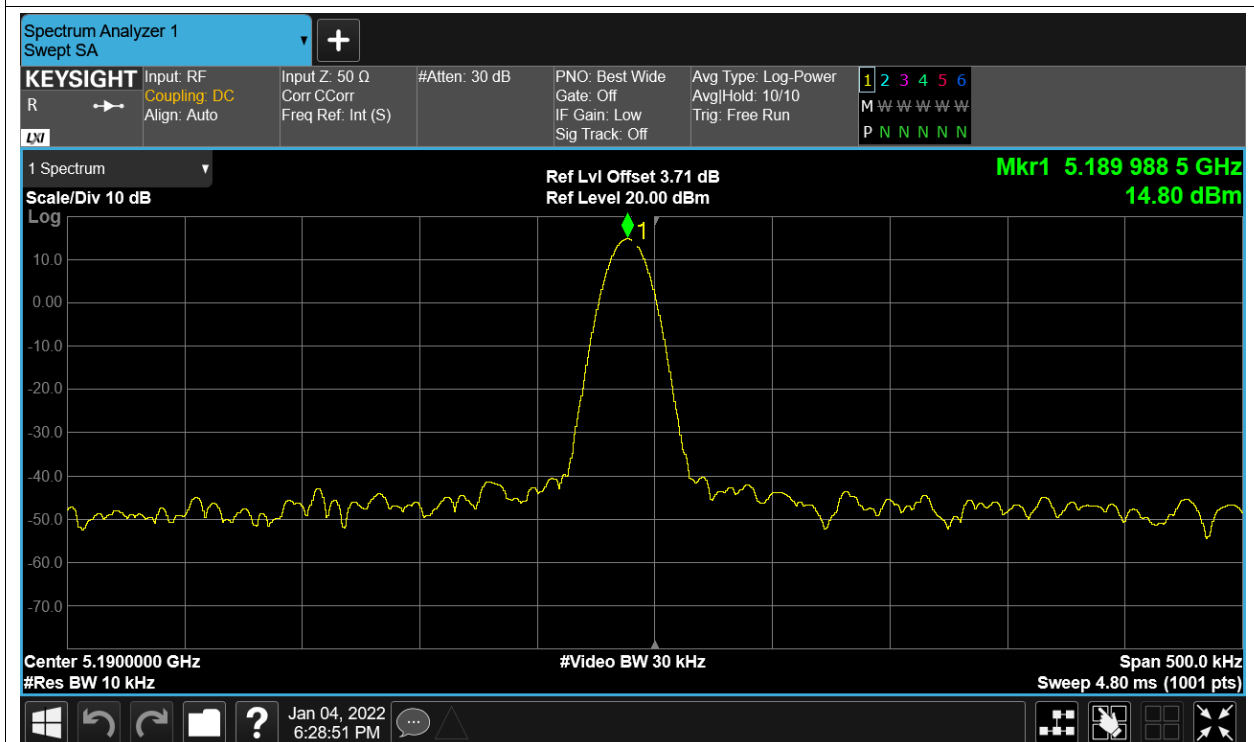
Freq. Stability HVHT ax40 5190MHz Sum



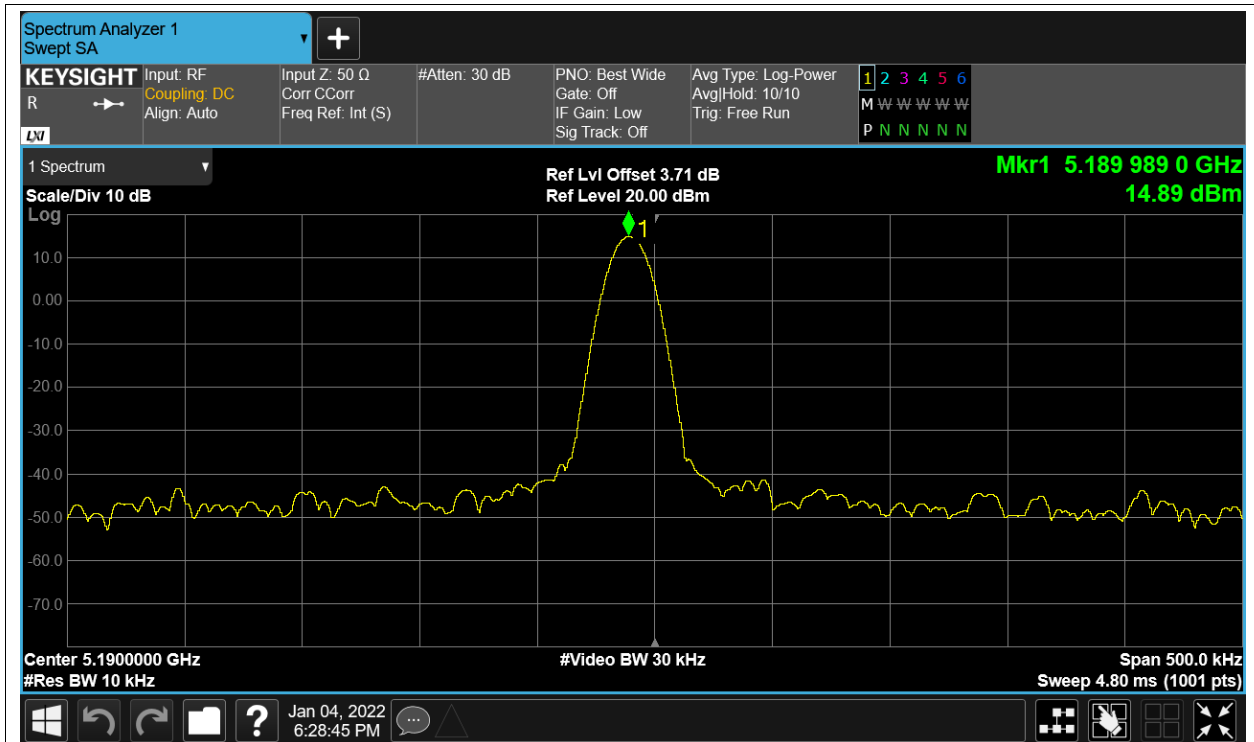
Freq. Stability HVLT ax40 5190MHz Sum



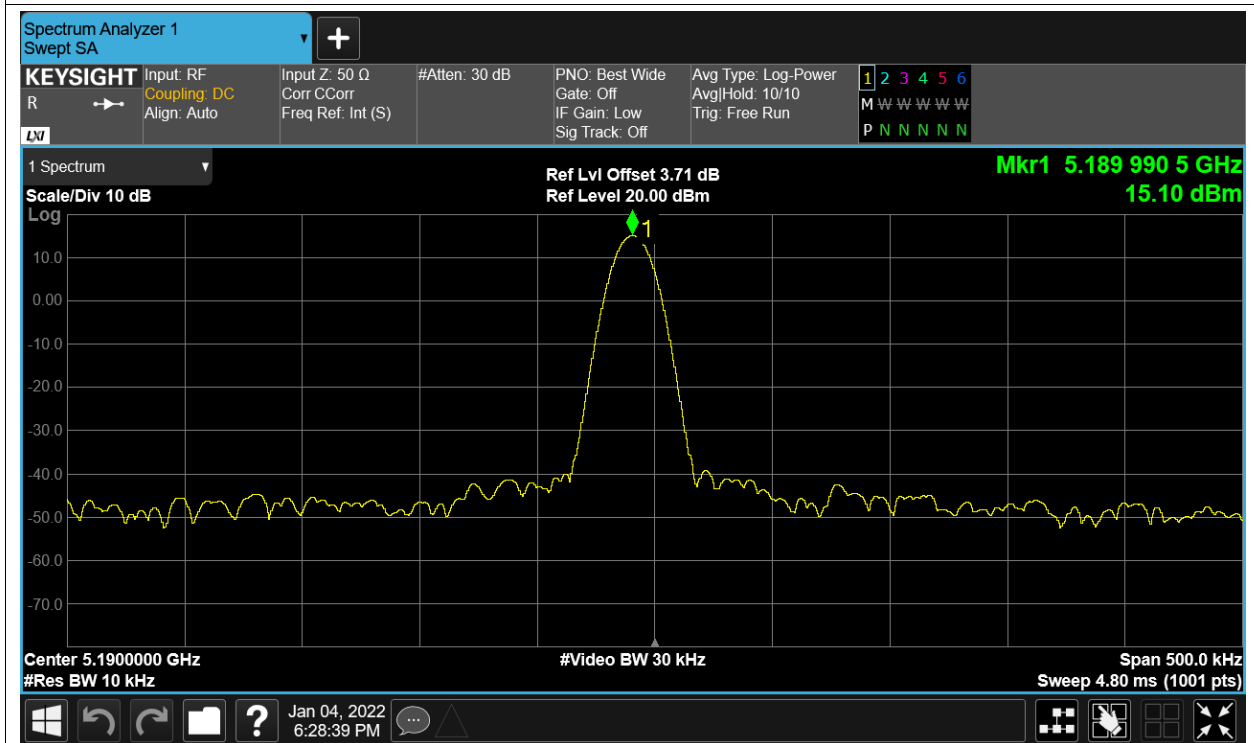
Freq. Stability LVHT ax40 5190MHz Sum



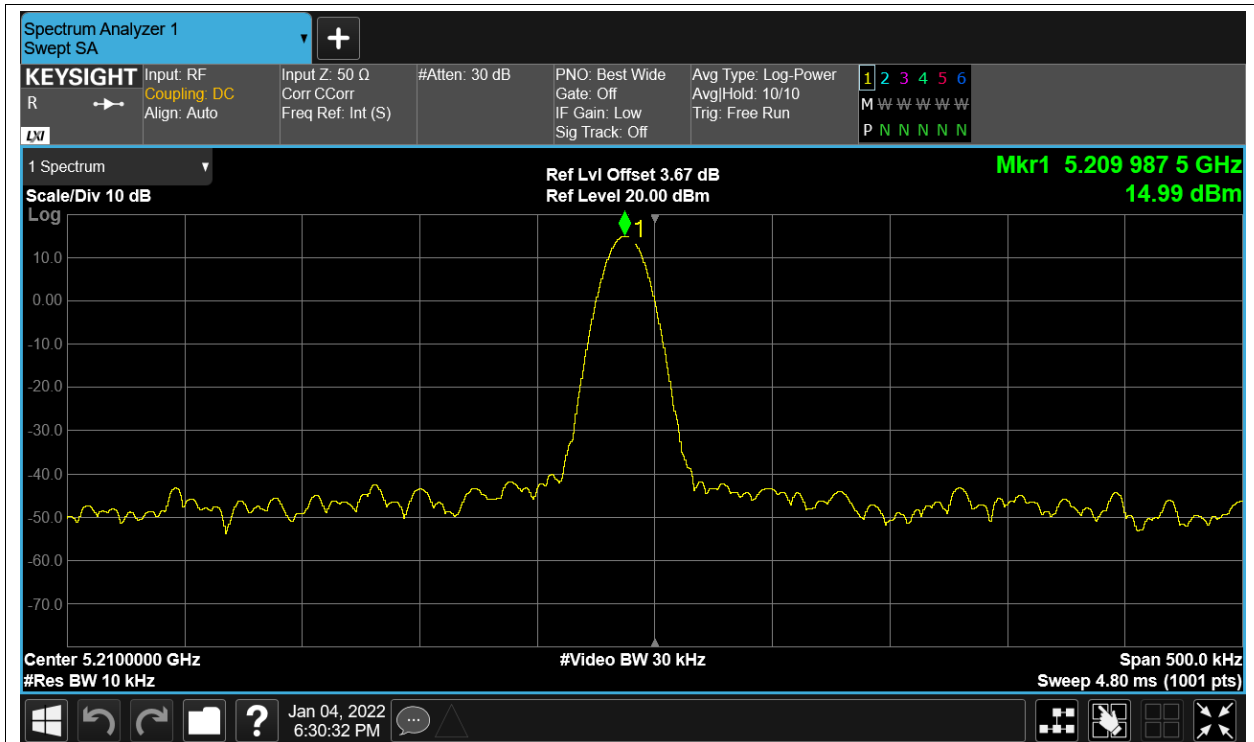
Freq. Stability LVLTL ax40 5190MHz Sum



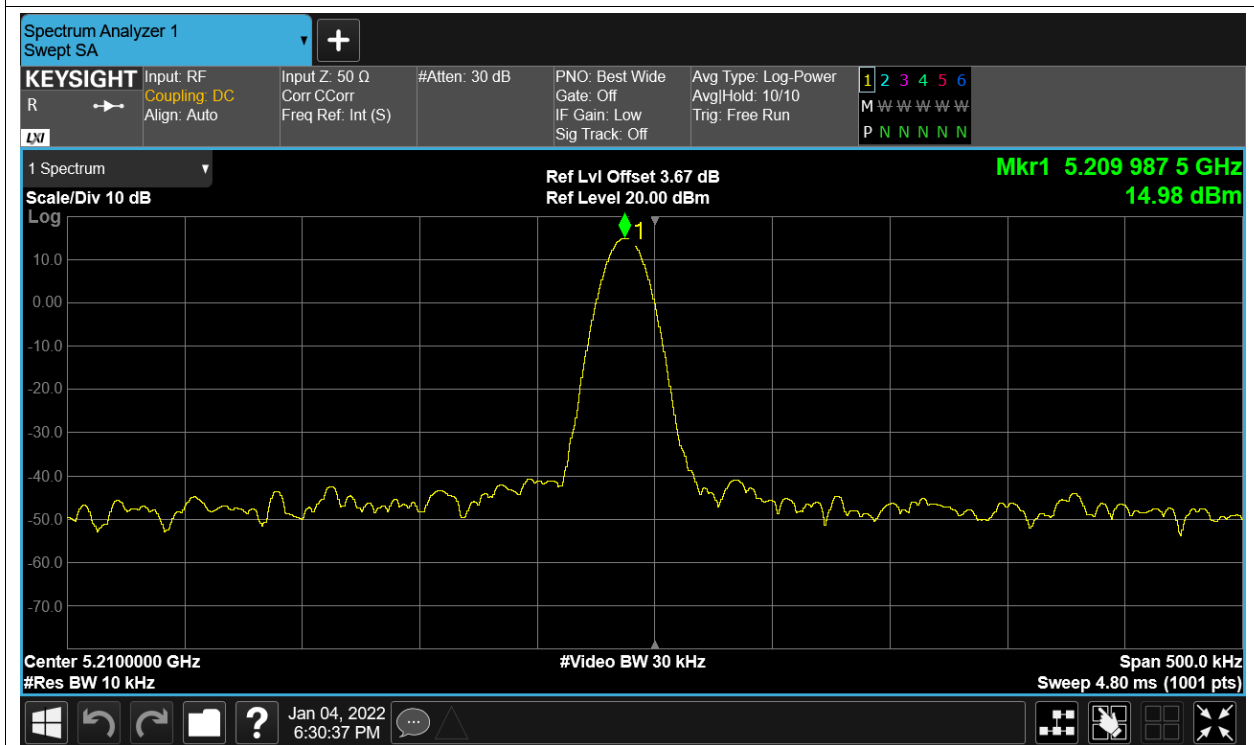
Freq. Stability NVNT ax40 5190MHz Sum



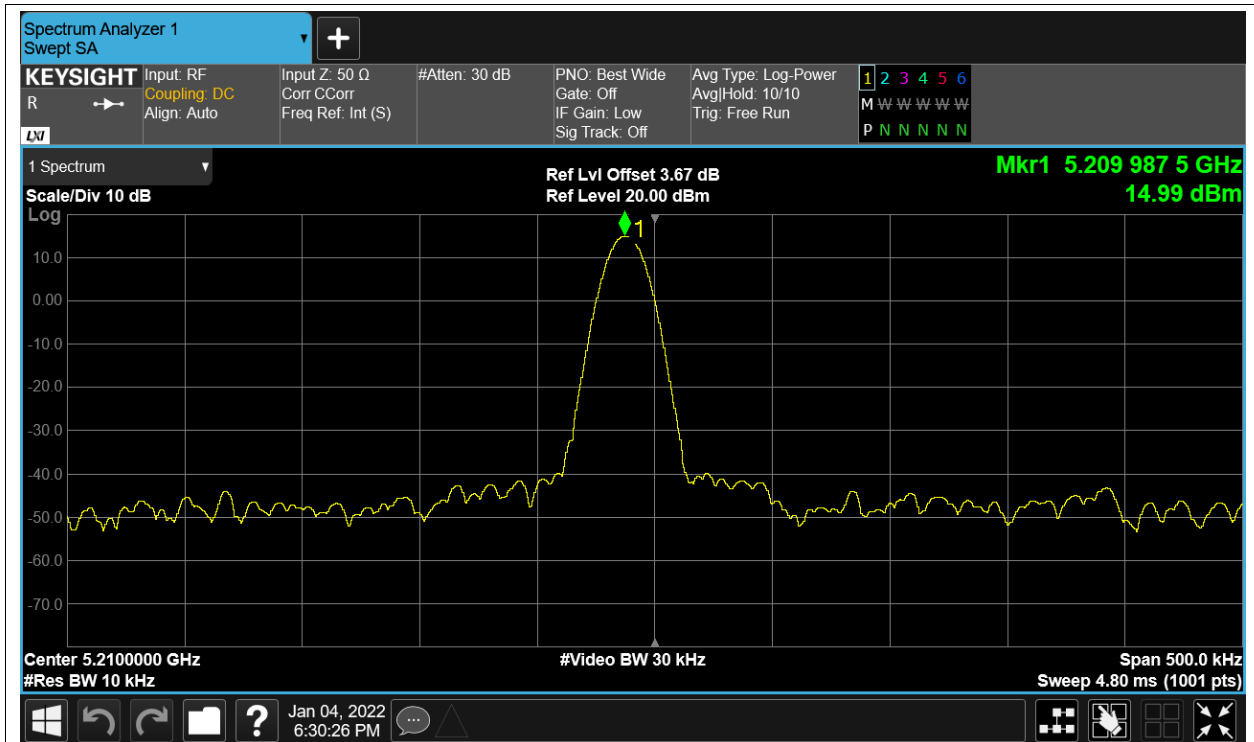
Freq. Stability HVHT ax80 5210MHz Sum



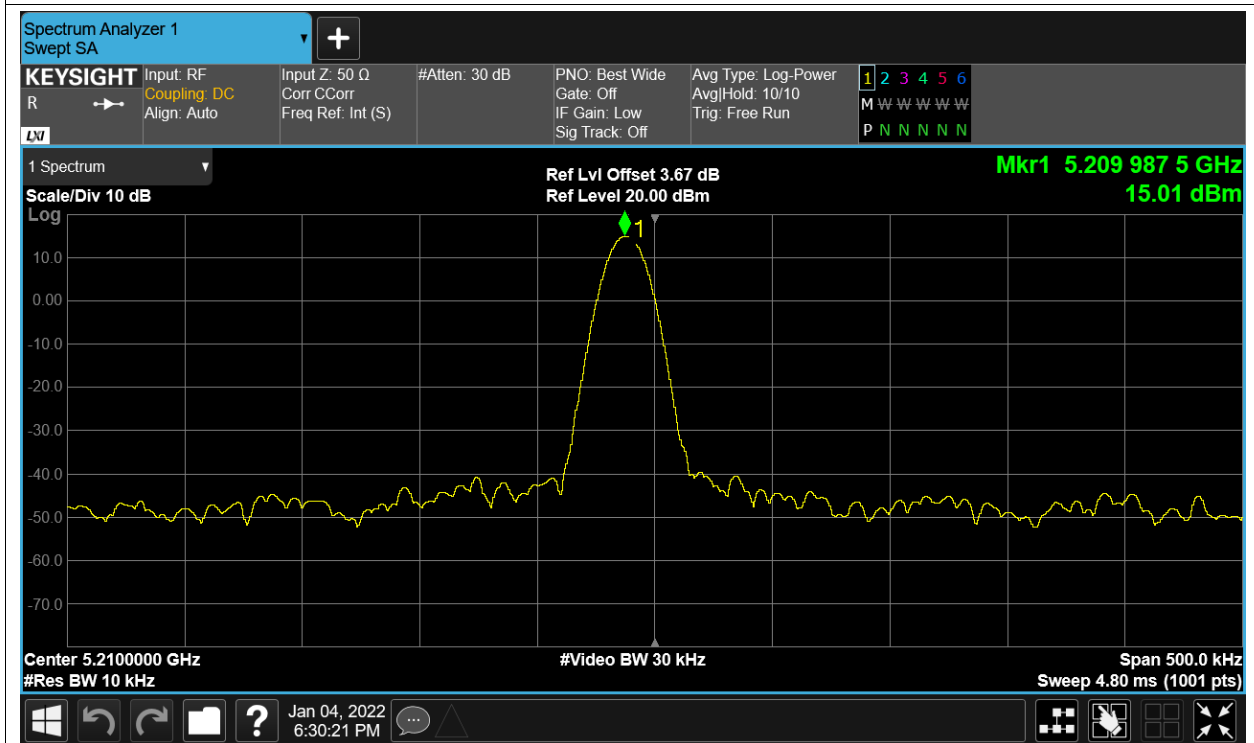
Freq. Stability HVLT ax80 5210MHz Sum



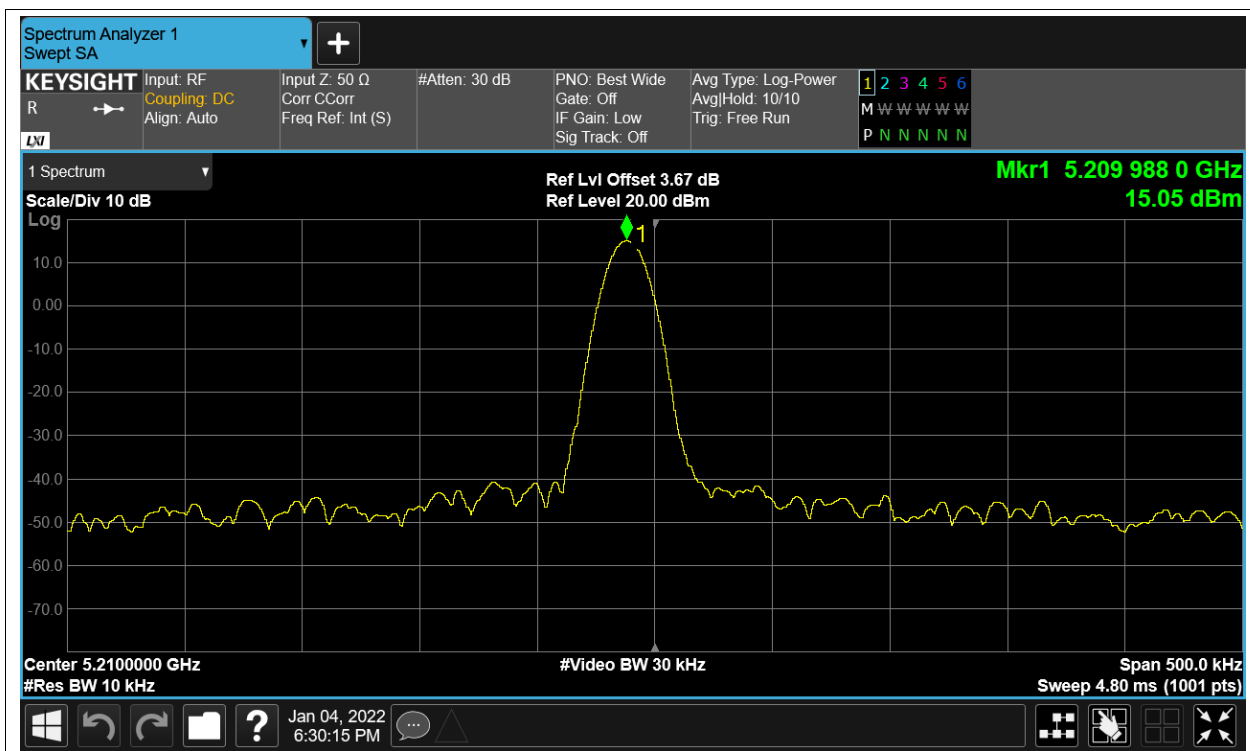
Freq. Stability LVHT ax80 5210MHz Sum



Freq. Stability LVLTL ax80 5210MHz Sum



Freq. Stability NVNT ax80 5210MHz Sum



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	14.2	0	14.2	24	Pass
NVNT	a	5200	Ant1	12.19	0	12.19	24	Pass
NVNT	a	5240	Ant1	15.21	0	15.21	24	Pass
NVNT	a	5180	Ant2	16.74	0	16.74	24	Pass
NVNT	a	5200	Ant2	16.42	0	16.42	24	Pass
NVNT	a	5240	Ant2	16.86	0	16.86	24	Pass
NVNT	ac20	5180	Ant1	13.37	0	13.37	24	Pass
NVNT	ac20	5180	Ant2	15.81	0	15.81	24	Pass
NVNT	ac20	5180	Sum	17.769	0	17.769	24	Pass
NVNT	ac20	5200	Ant1	14.31	1.71	16.02	24	Pass
NVNT	ac20	5200	Ant2	16.02	1.71	17.73	24	Pass
NVNT	ac20	5200	Sum	18.259	1.71	19.969	24	Pass
NVNT	ac20	5240	Ant1	14.33	0	14.33	24	Pass
NVNT	ac20	5240	Ant2	16.28	0	16.28	24	Pass
NVNT	ac20	5240	Sum	18.424	0	18.424	24	Pass
NVNT	ac40	5190	Ant1	13.46	0	13.46	24	Pass
NVNT	ac40	5190	Ant2	15.37	0	15.37	24	Pass
NVNT	ac40	5190	Sum	17.529	0	17.529	24	Pass
NVNT	ac40	5230	Ant1	13.6	0	13.6	24	Pass
NVNT	ac40	5230	Ant2	15.39	0	15.39	24	Pass

NVNT	ac40	5230	Sum	17.597	0	17.597	24	Pass
NVNT	ac80	5210	Ant1	12.77	0	12.77	24	Pass
NVNT	ac80	5210	Ant2	14.93	0	14.93	24	Pass
NVNT	ac80	5210	Sum	16.993	0	16.993	24	Pass
NVNT	ax20	5180	Ant1	11.68	0	11.68	24	Pass
NVNT	ax20	5180	Ant2	14.27	0	14.27	24	Pass
NVNT	ax20	5180	Sum	16.176	0	16.176	24	Pass
NVNT	ax20	5200	Ant1	12.73	0	12.73	24	Pass
NVNT	ax20	5200	Ant2	13.76	0	13.76	24	Pass
NVNT	ax20	5200	Sum	16.286	0	16.286	24	Pass
NVNT	ax20	5240	Ant1	12.74	0	12.74	24	Pass
NVNT	ax20	5240	Ant2	14.32	0	14.32	24	Pass
NVNT	ax20	5240	Sum	16.612	0	16.612	24	Pass
NVNT	ax40	5190	Ant1	8.08	0	8.08	24	Pass
NVNT	ax40	5190	Ant2	12.39	0	12.39	24	Pass
NVNT	ax40	5190	Sum	13.759	0	13.759	24	Pass
NVNT	ax40	5230	Ant1	8.68	0	8.68	24	Pass
NVNT	ax40	5230	Ant2	12.09	0	12.09	24	Pass
NVNT	ax40	5230	Sum	13.722	0	13.722	24	Pass
NVNT	ax80	5210	Ant1	7.71	0	7.71	24	Pass
NVNT	ax80	5210	Ant2	12.13	0	12.13	24	Pass
NVNT	ax80	5210	Sum	13.47	0	13.47	24	Pass
NVNT	n20	5180	Ant1	13.14	0	13.14	24	Pass
NVNT	n20	5200	Ant1	14.14	0	14.14	24	Pass
NVNT	n20	5240	Ant1	14.13	0	14.13	24	Pass
NVNT	n20	5180	Ant2	15.91	0	15.91	24	Pass
NVNT	n20	5200	Ant2	15.75	0	15.75	24	Pass
NVNT	n20	5240	Ant2	15.83	0	15.83	24	Pass
NVNT	n40	5190	Ant1	11.61	0	11.61	24	Pass
NVNT	n40	5230	Ant1	12.47	0	12.47	24	Pass
NVNT	n40	5190	Ant2	15.35	0	15.35	24	Pass
NVNT	n40	5230	Ant2	15.11	0	15.11	24	Pass

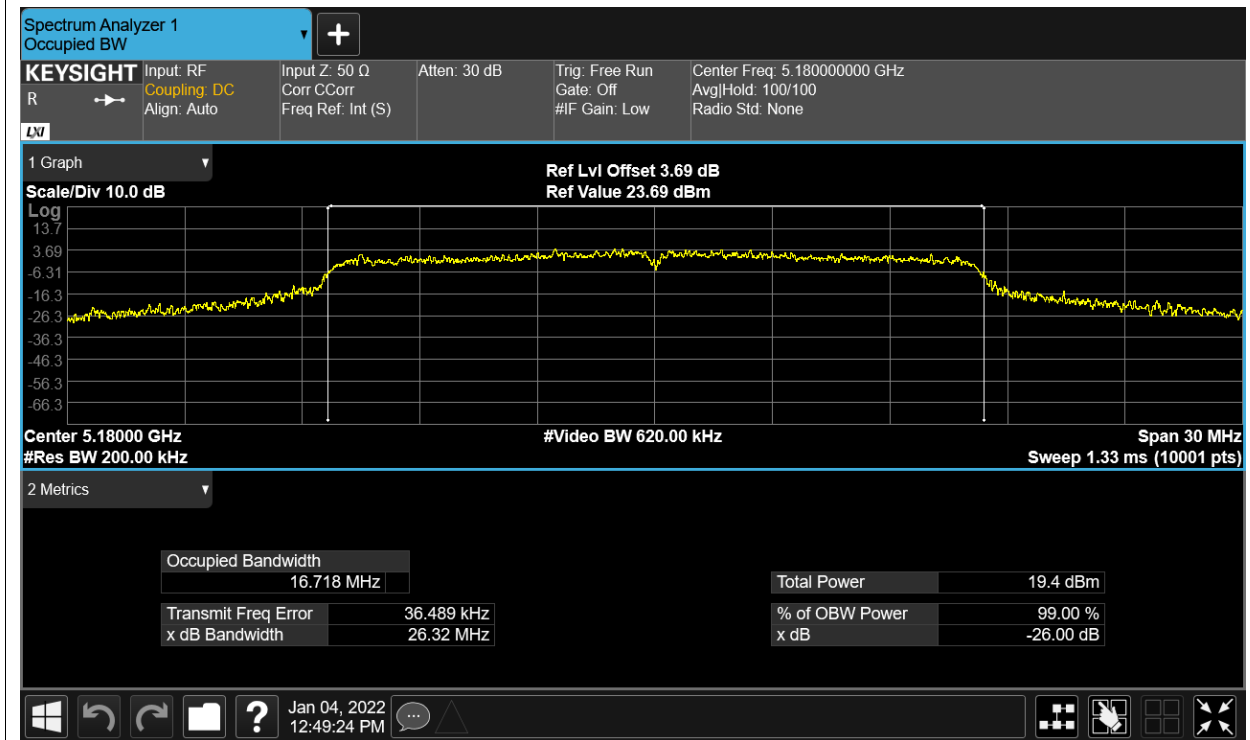
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.71840362
NVNT	a	5200	Ant1	16.57826472
NVNT	a	5240	Ant1	16.64886538
NVNT	a	5180	Ant2	16.99332458
NVNT	a	5200	Ant2	16.93408083
NVNT	a	5240	Ant2	16.80263894
NVNT	ac20	5180	Ant1	17.77676798
NVNT	ac20	5180	Ant2	17.836401
NVNT	ac20	5200	Ant1	17.78773537
NVNT	ac20	5200	Ant2	17.88988189
NVNT	ac20	5240	Ant1	17.78410253
NVNT	ac20	5240	Ant2	17.77955047
NVNT	ac40	5190	Ant1	35.88832127
NVNT	ac40	5190	Ant2	36.09726979
NVNT	ac40	5230	Ant1	35.86977154
NVNT	ac40	5230	Ant2	36.03674429
NVNT	ac80	5210	Ant1	75.6239737
NVNT	ac80	5210	Ant2	75.83143968
NVNT	ax20	5180	Ant1	18.80475226
NVNT	ax20	5180	Ant2	18.84581994
NVNT	ax20	5200	Ant1	18.74538058
NVNT	ax20	5200	Ant2	18.7754754
NVNT	ax20	5240	Ant1	18.79840094
NVNT	ax20	5240	Ant2	18.7814896
NVNT	ax40	5190	Ant1	37.49916651
NVNT	ax40	5190	Ant2	37.63693993
NVNT	ax40	5230	Ant1	37.49460413
NVNT	ax40	5230	Ant2	37.65073996
NVNT	ax80	5210	Ant1	76.85725327
NVNT	ax80	5210	Ant2	76.95138632
NVNT	n20	5180	Ant1	17.75877533
NVNT	n20	5200	Ant1	17.73894683
NVNT	n20	5240	Ant1	17.72099799
NVNT	n20	5180	Ant2	17.84543887
NVNT	n20	5200	Ant2	17.81587257
NVNT	n20	5240	Ant2	17.79098311
NVNT	n40	5190	Ant1	35.85605968
NVNT	n40	5230	Ant1	35.9242344
NVNT	n40	5190	Ant2	36.07009114

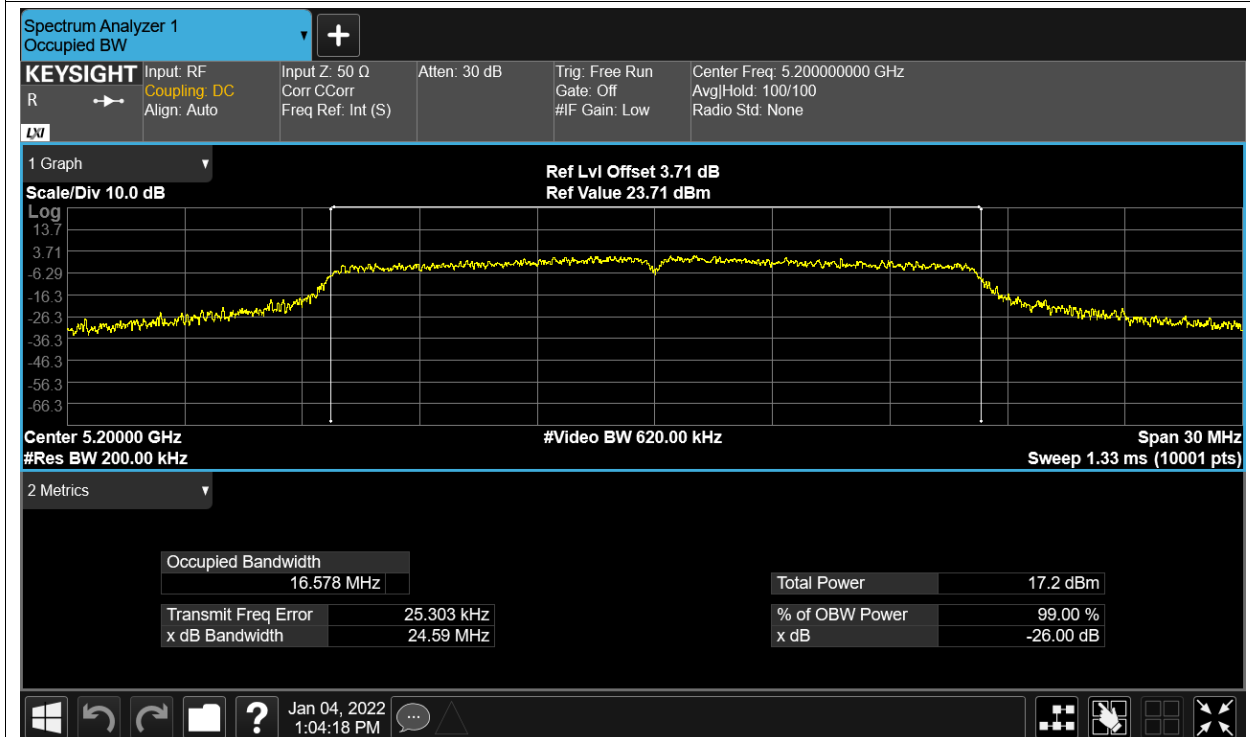
NVNT	n40	5230	Ant2	35.90956001
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Test Graphs

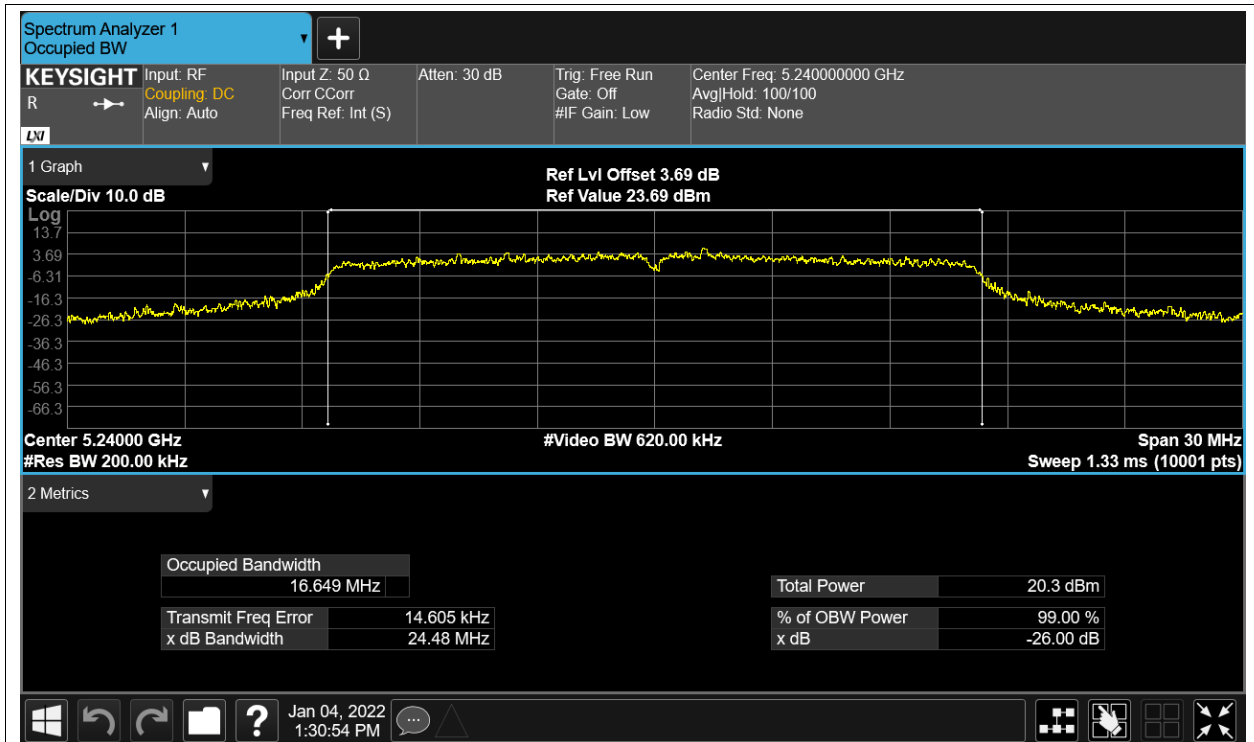
OBW NVNT a 5180MHz Ant1



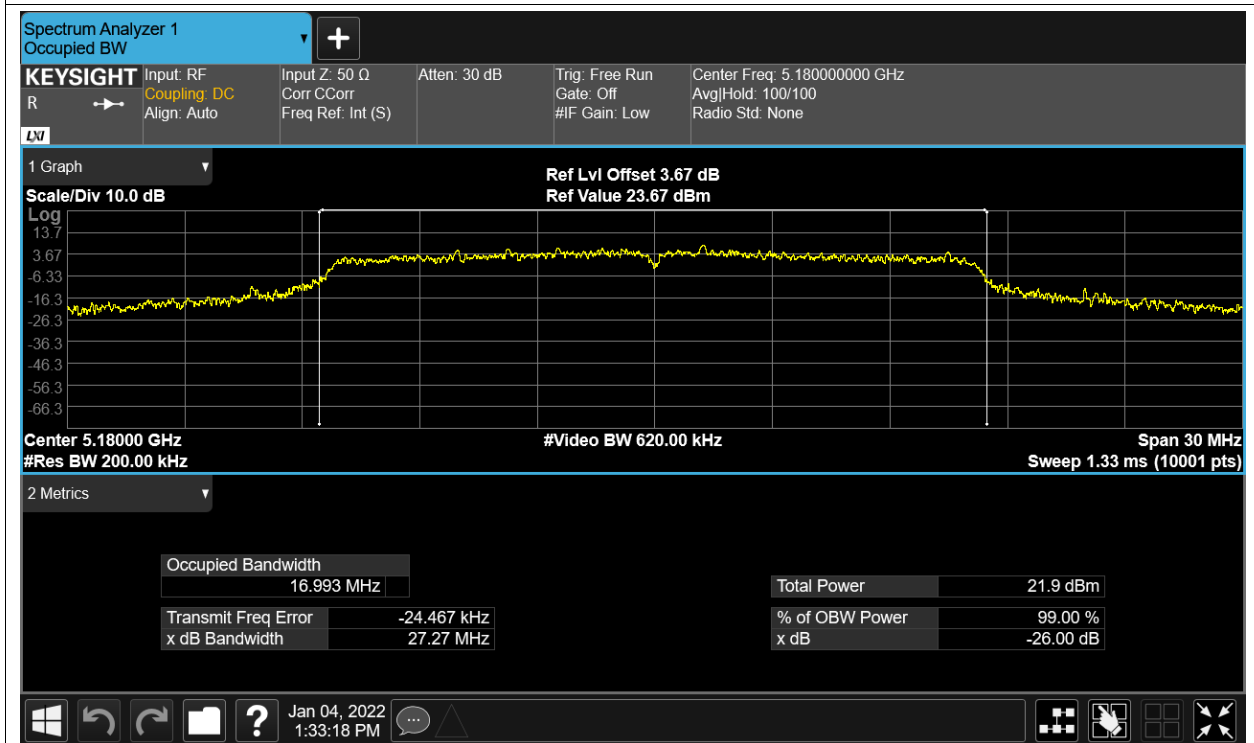
OBW NVNT a 5200MHz Ant1



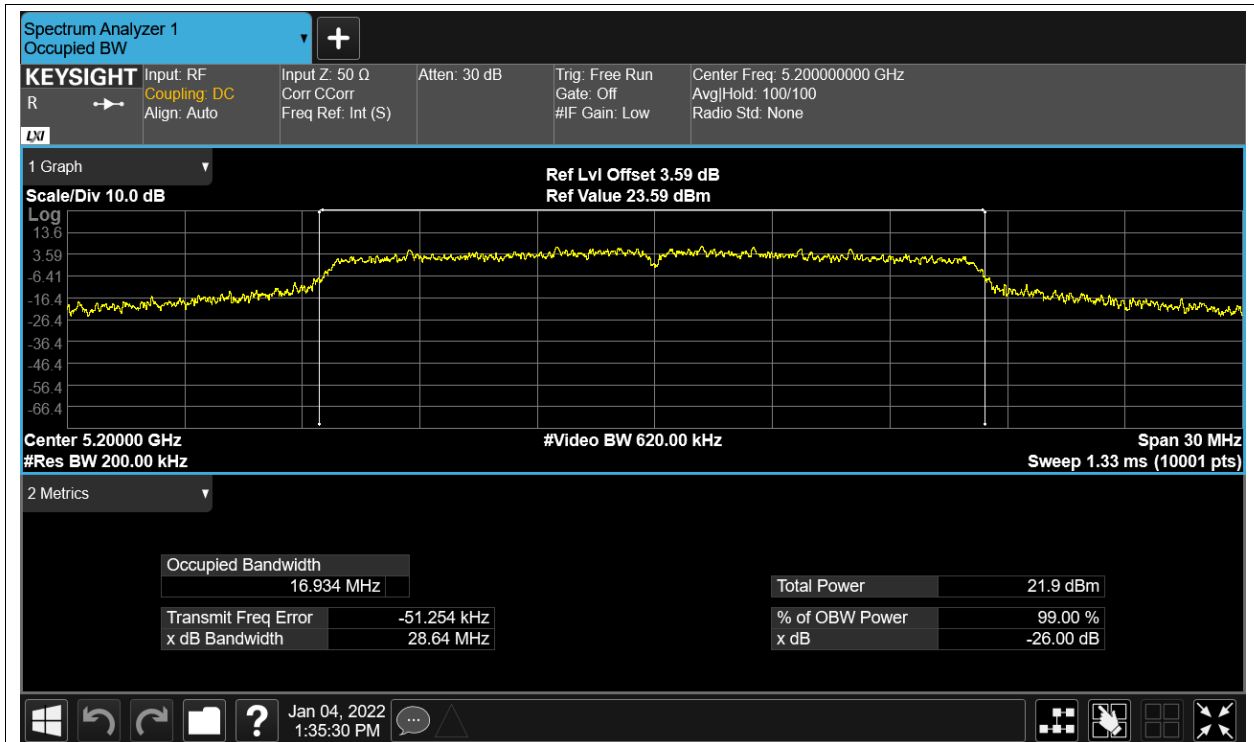
OBW NVNT a 5240MHz Ant1



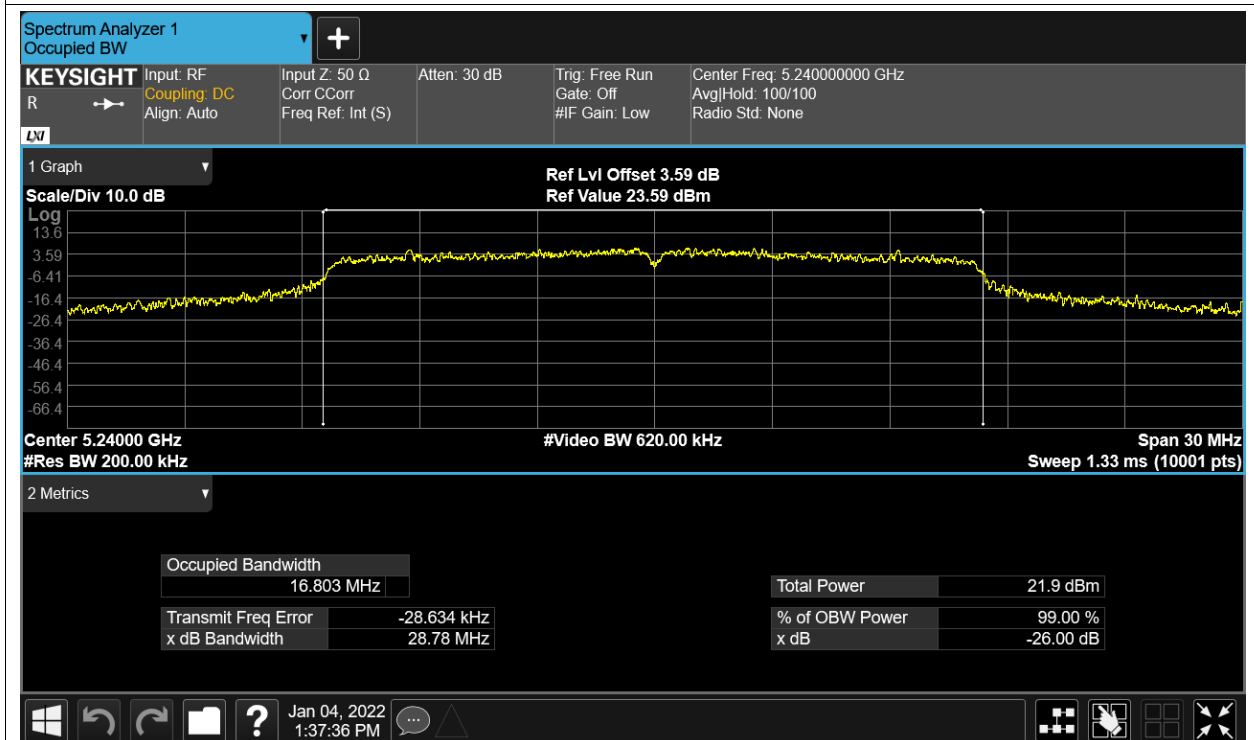
OBW NVNT a 5180MHz Ant2



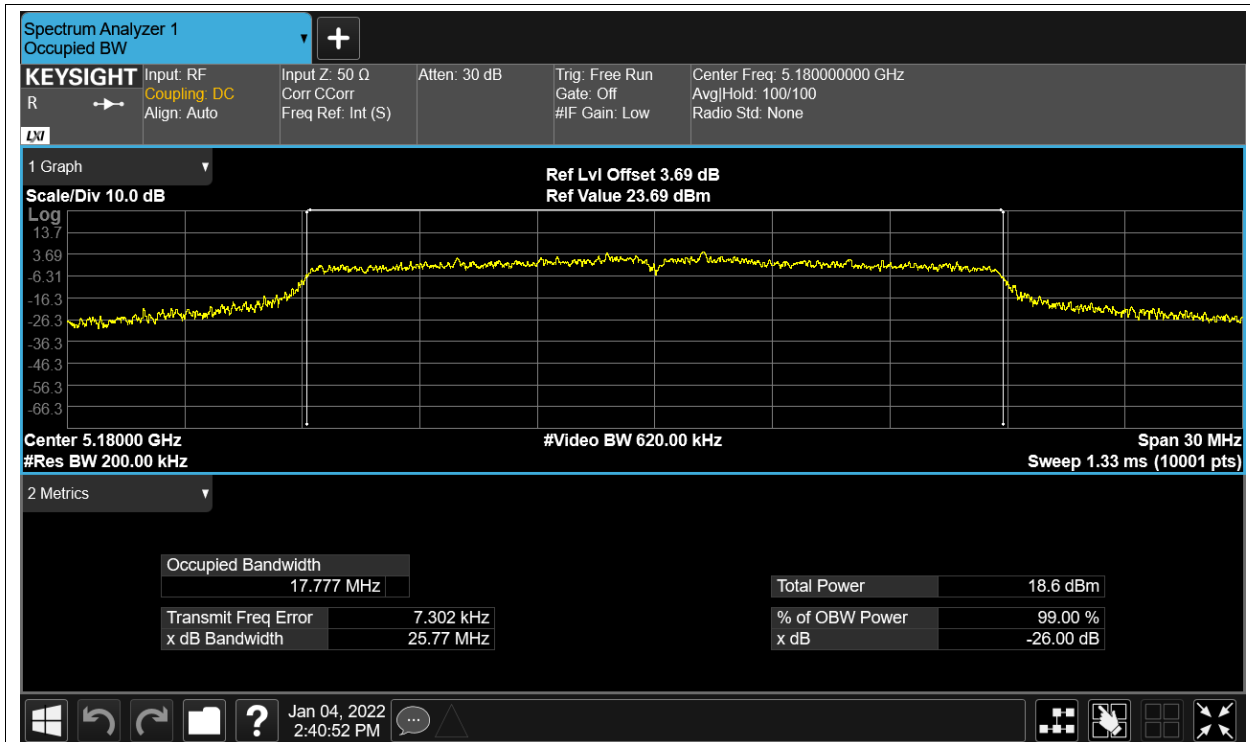
OBW NVNT a 5200MHz Ant2



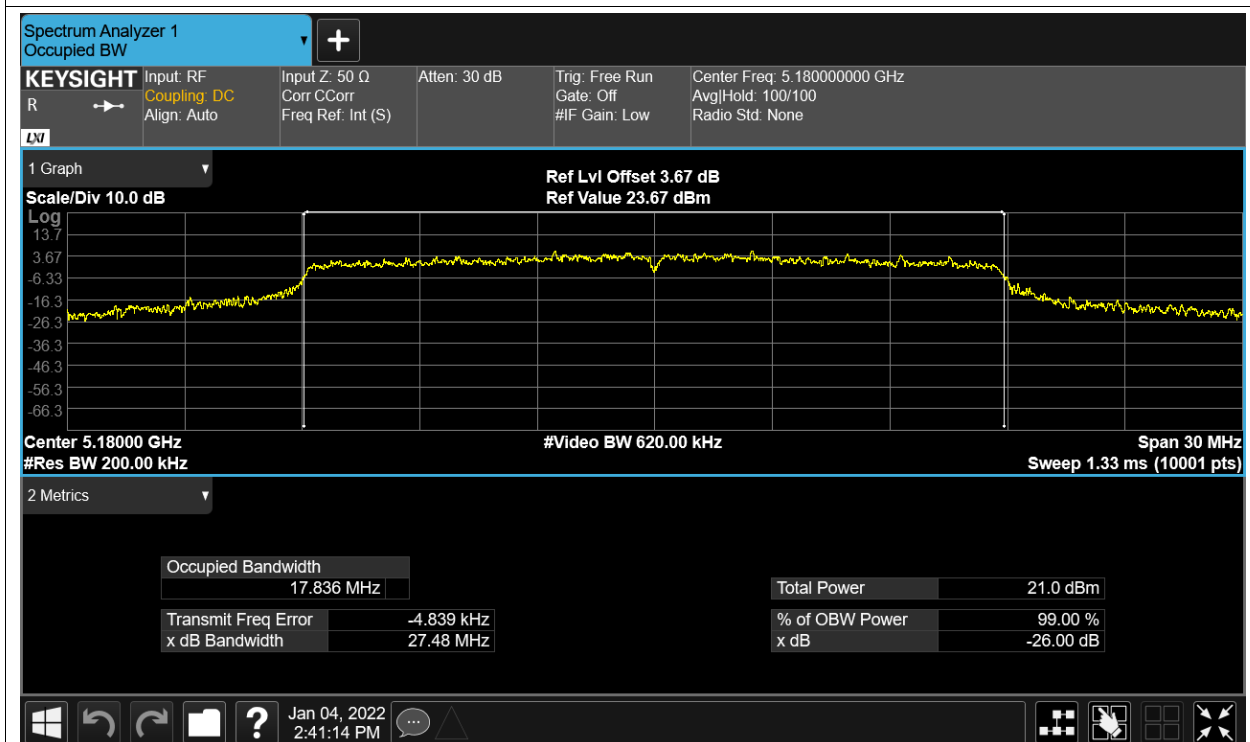
OBW NVNT a 5240MHz Ant2



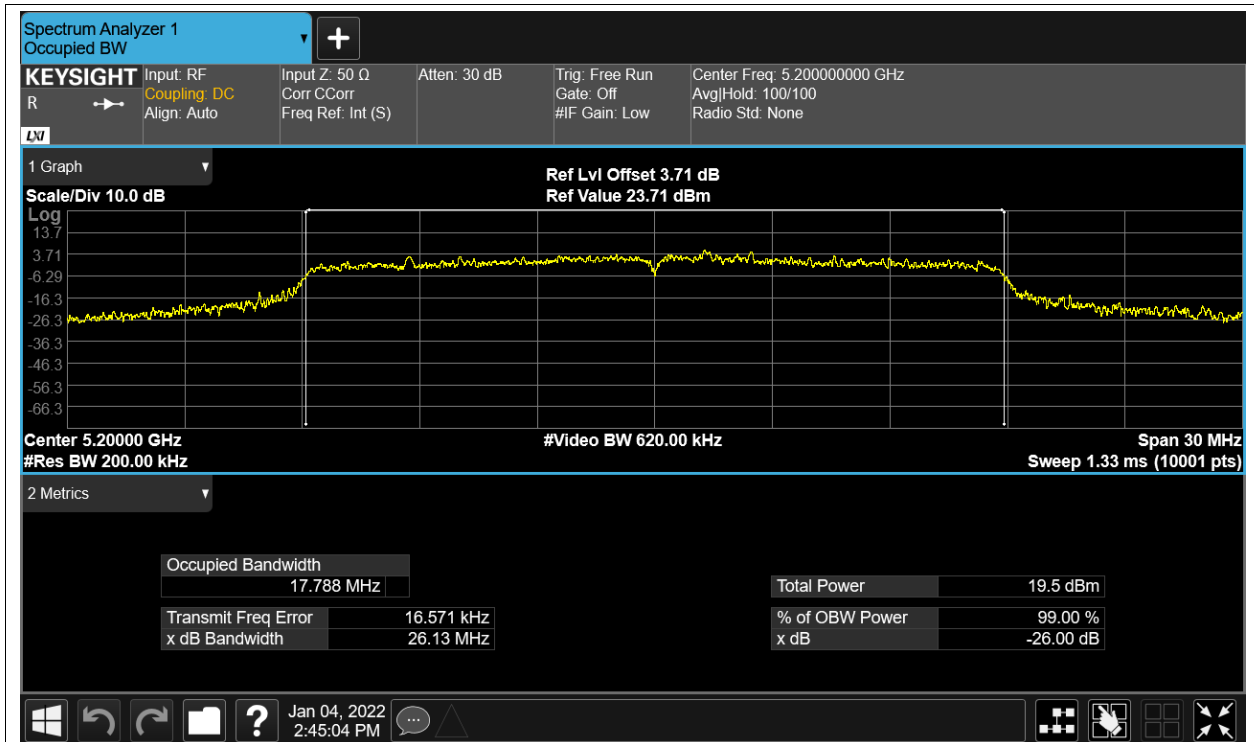
OBW NVNT ac20 5180MHz Ant1



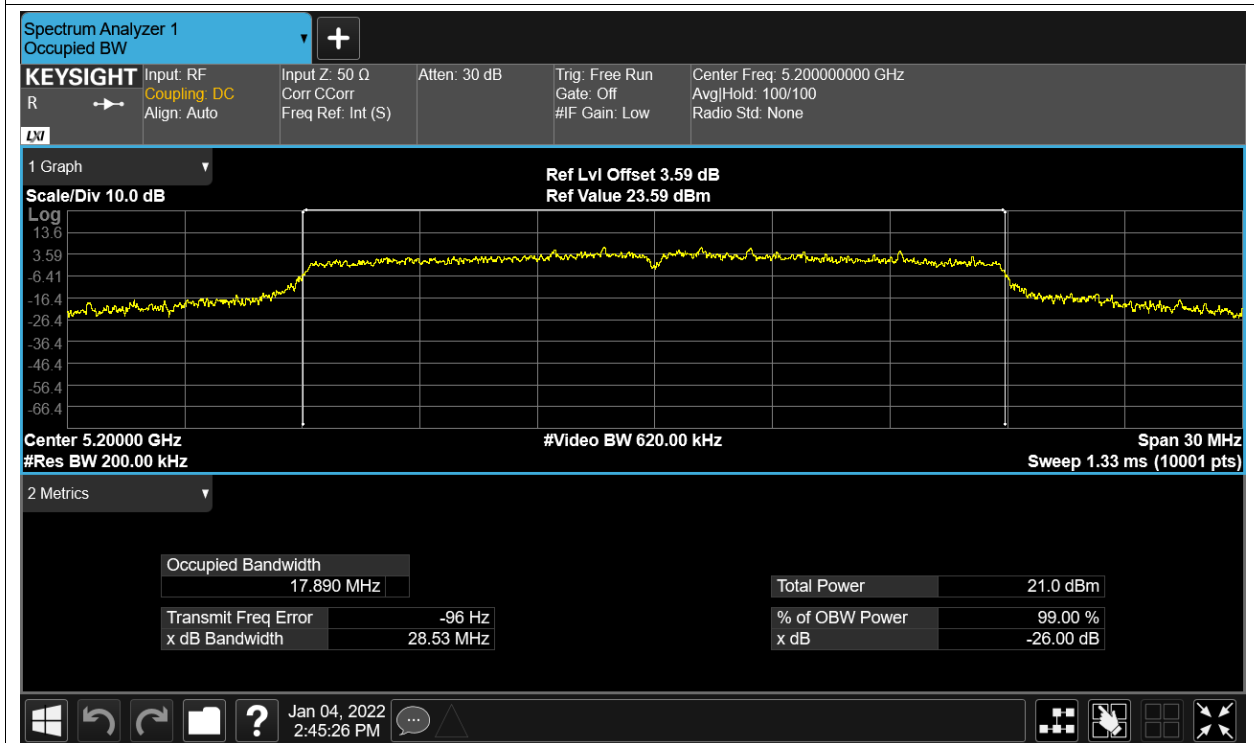
OBW NVNT ac20 5180MHz Ant2



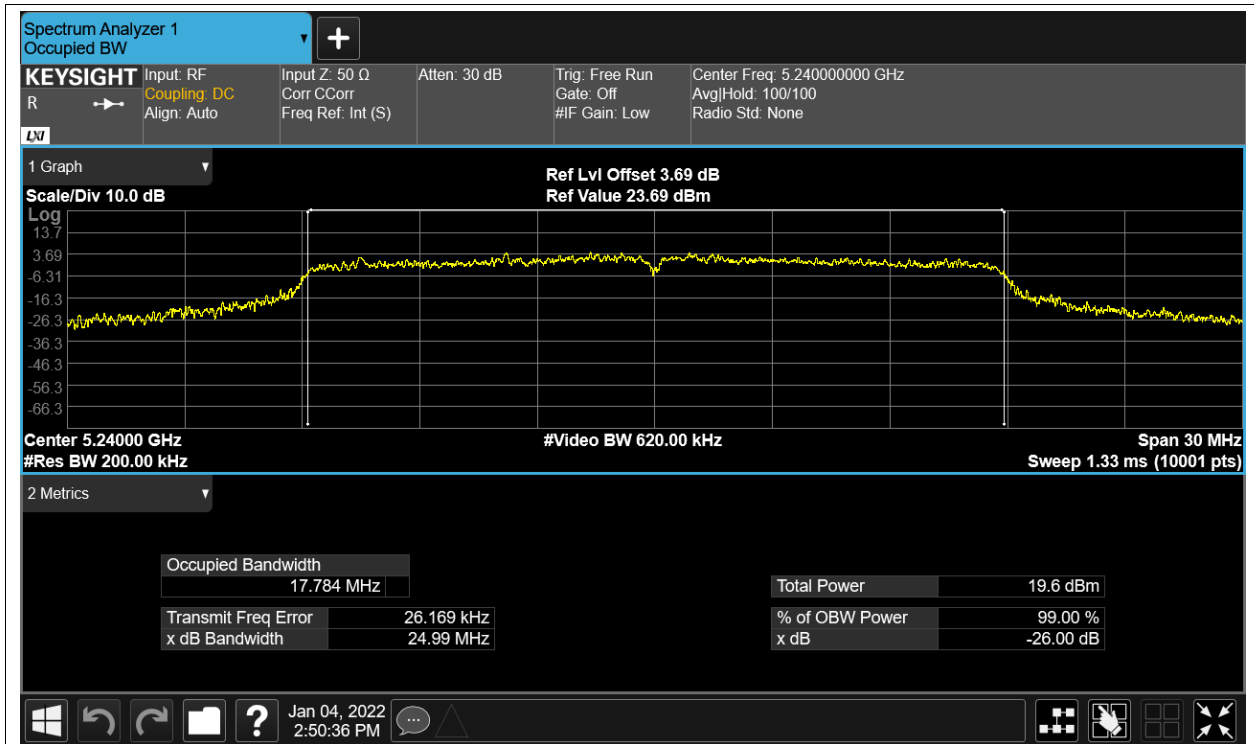
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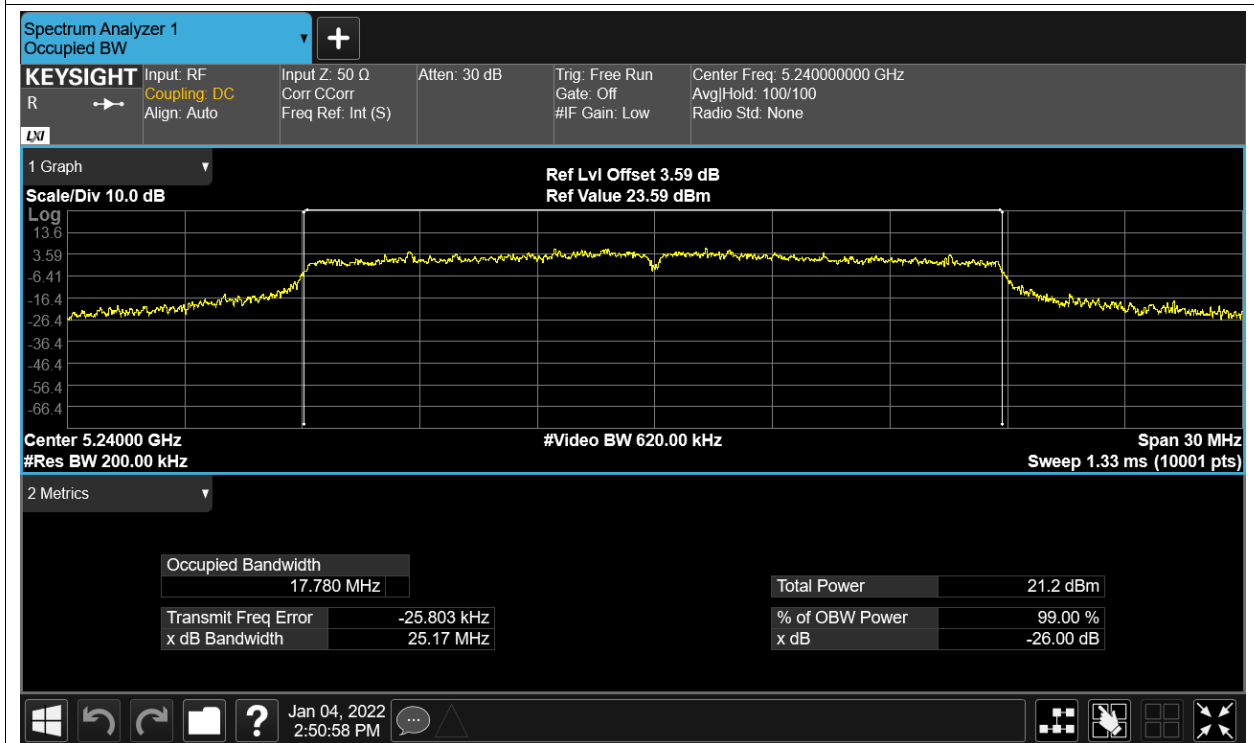
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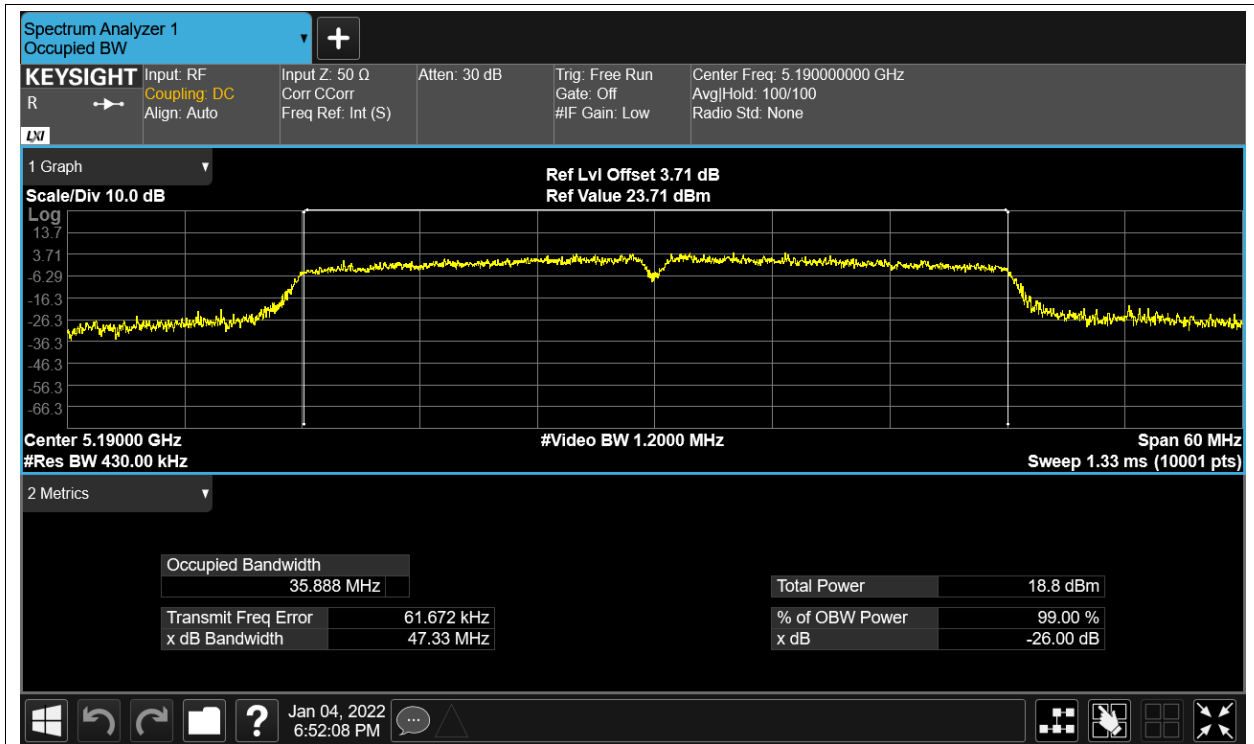
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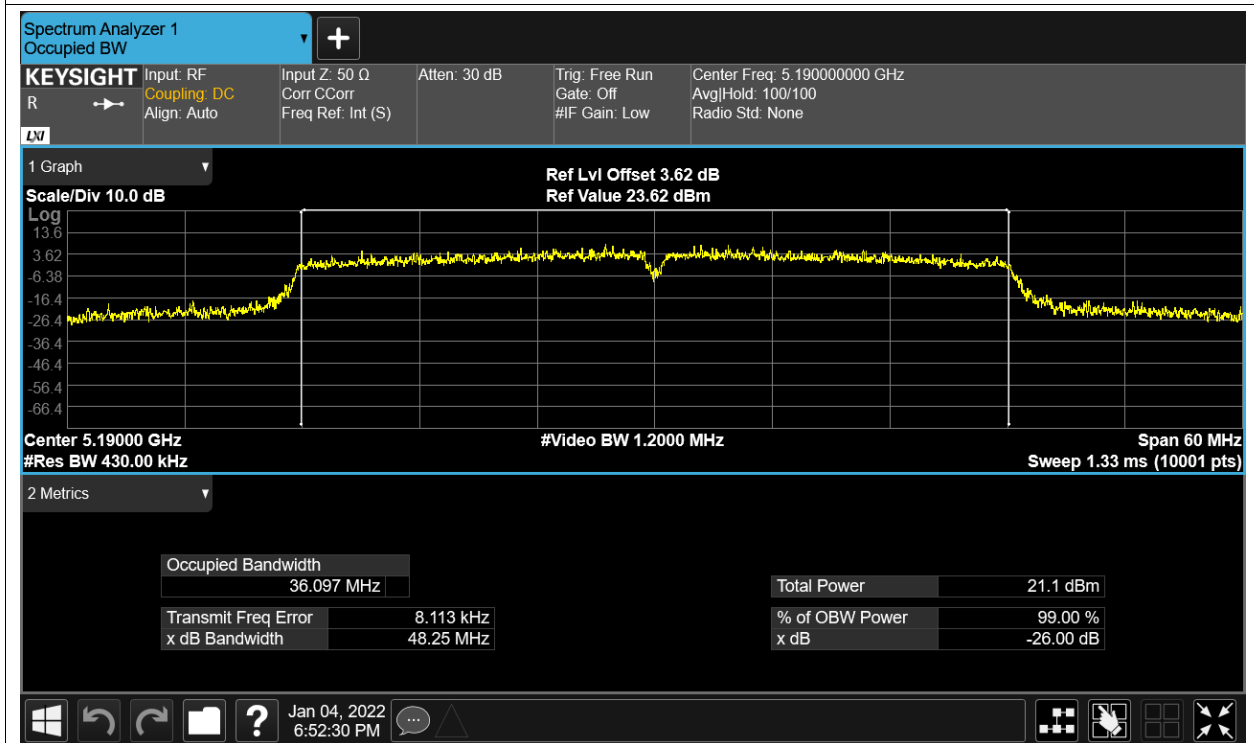
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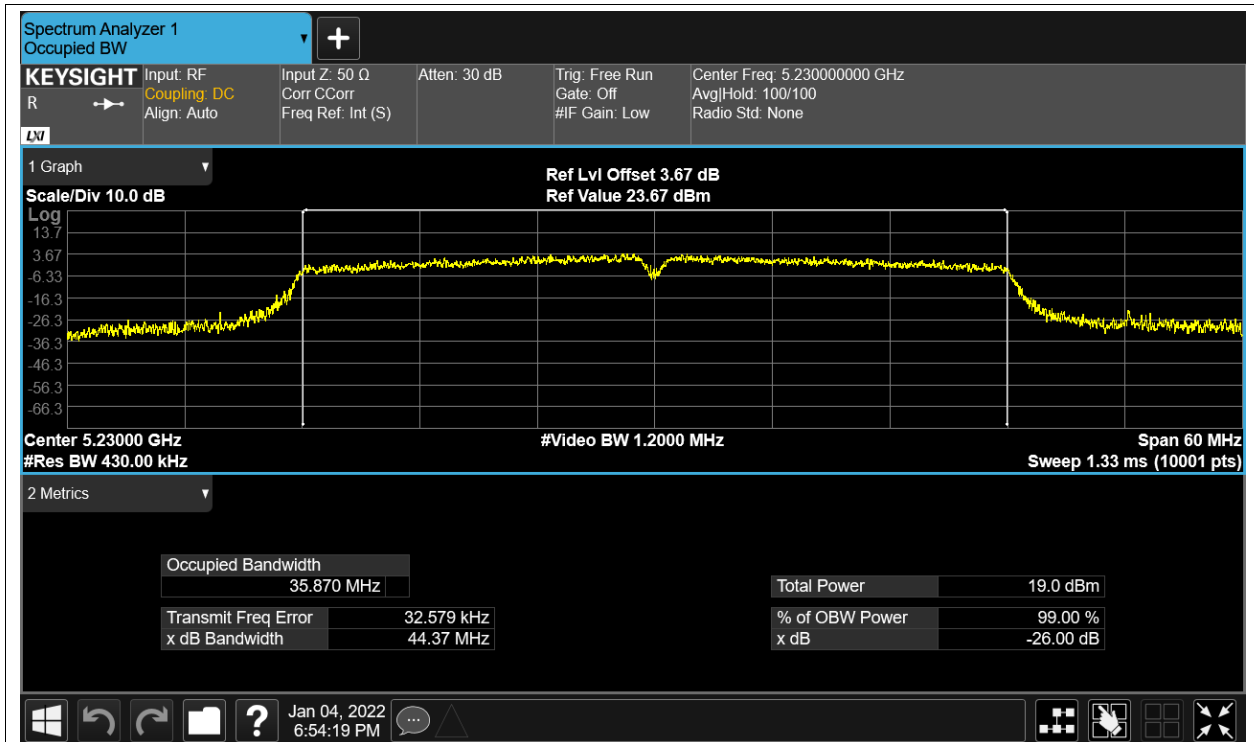
OBW NVNT ac40 5190MHz Ant1



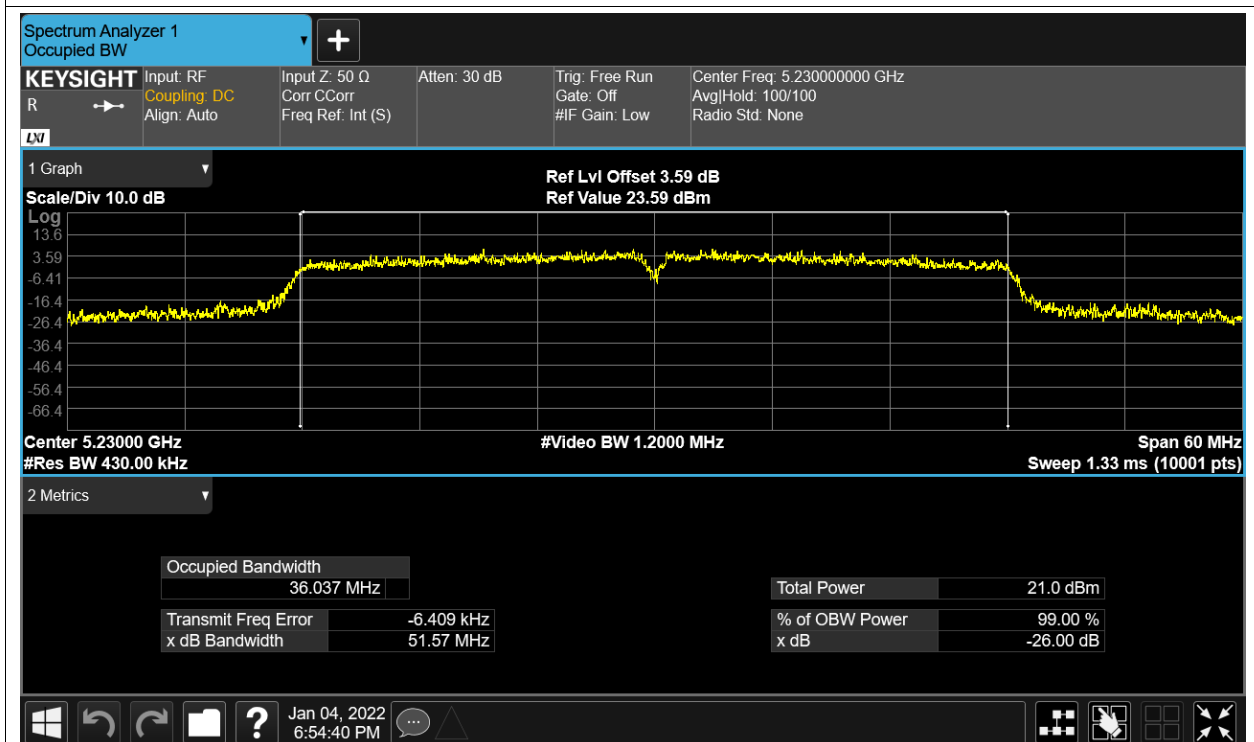
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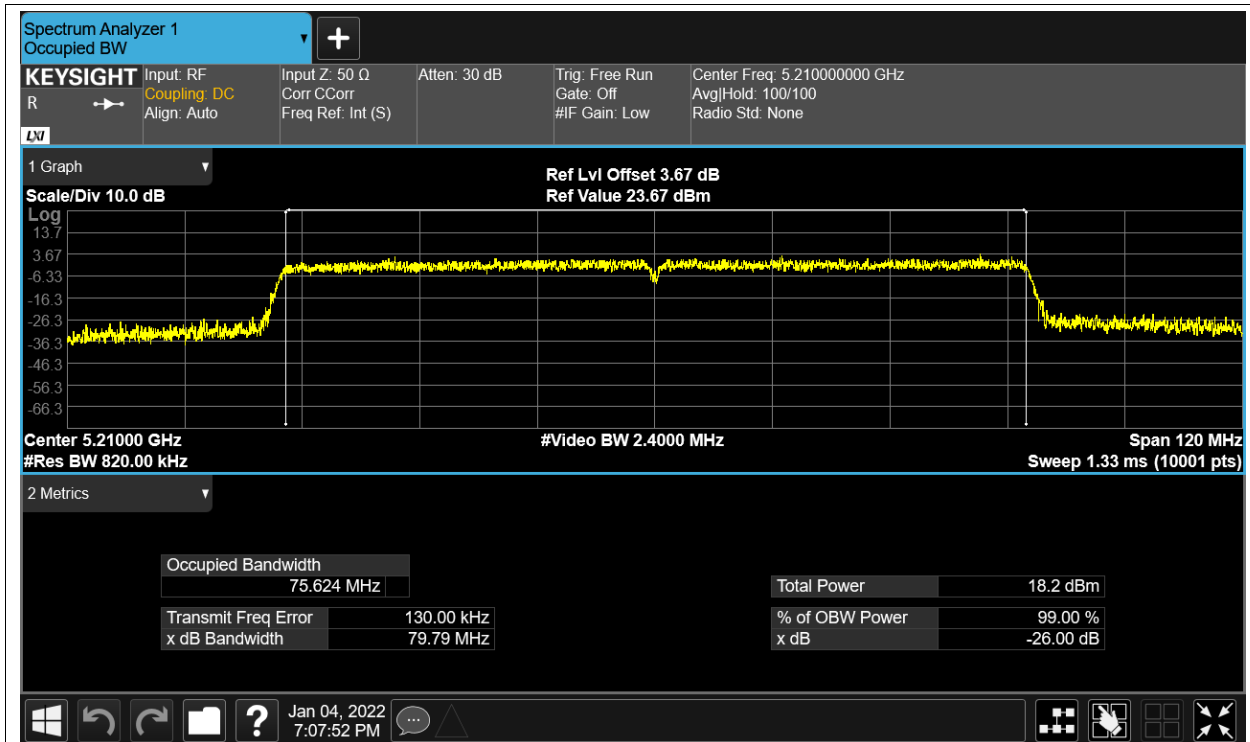
OBW NVNT ac40 5230MHz Ant1



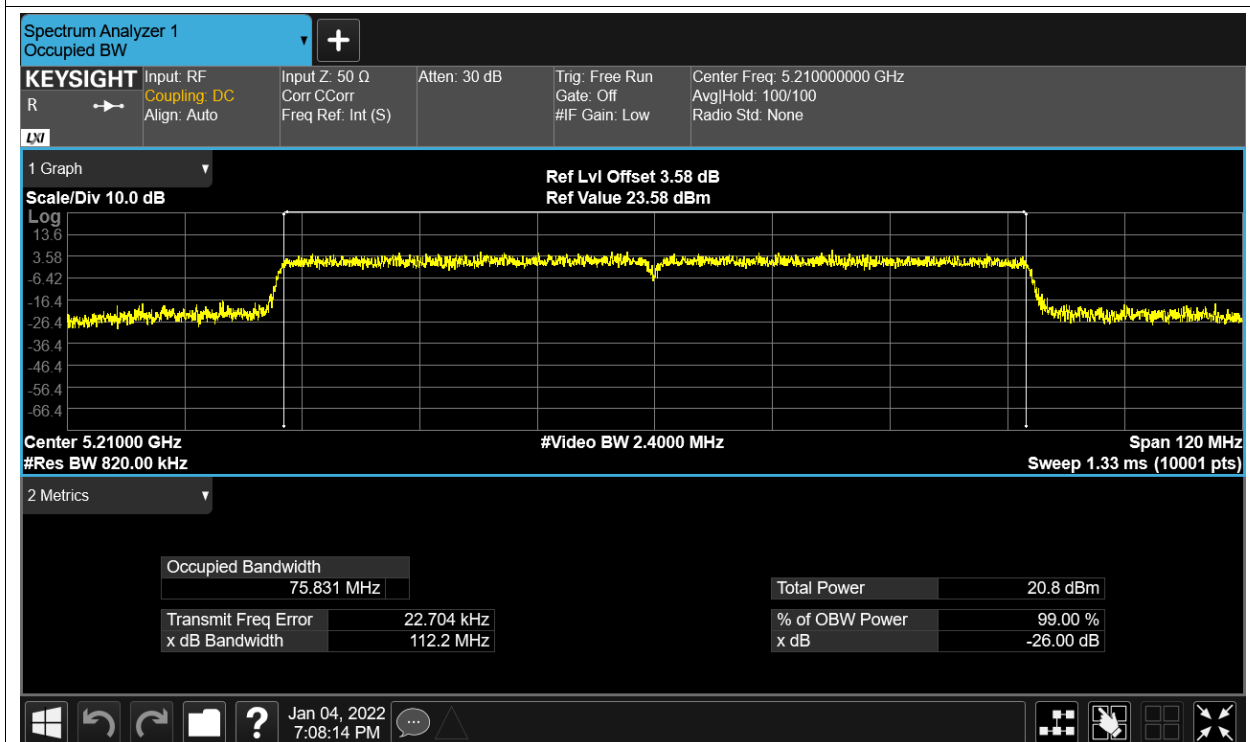
OBW NVNT ac40 5230MHz Ant2



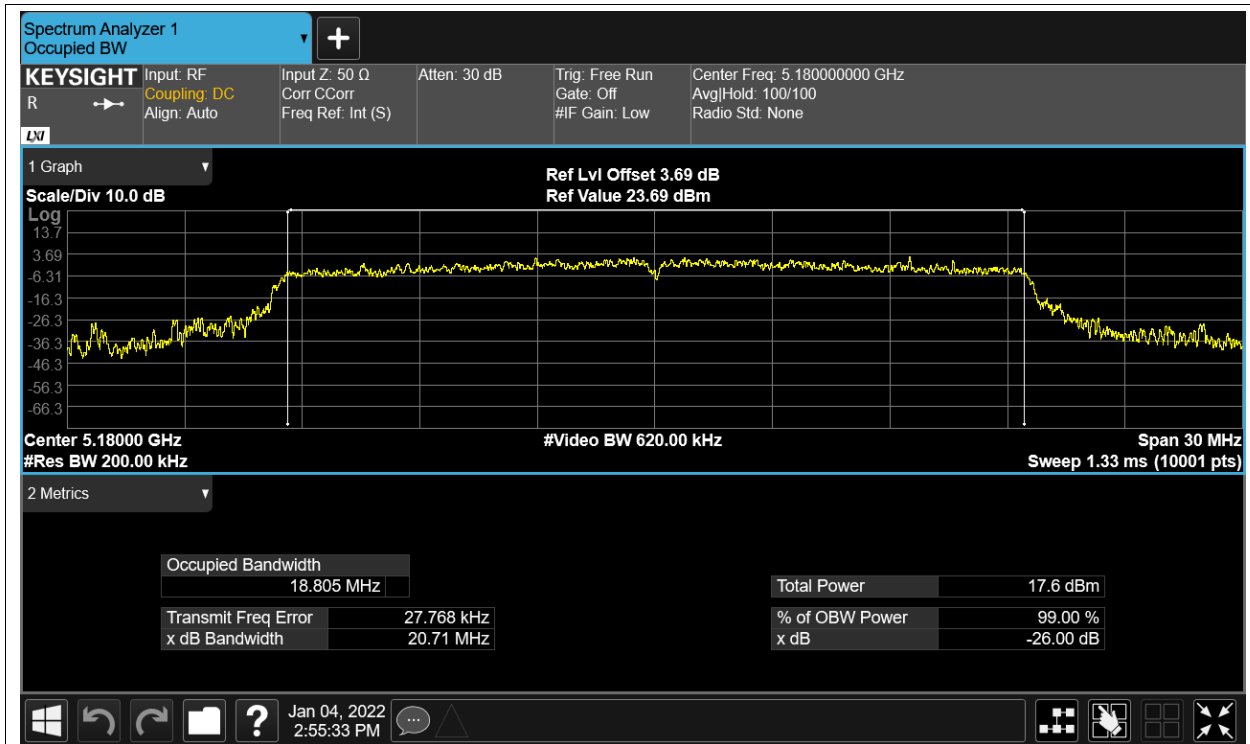
OBW NVNT ac80 5210MHz Ant1



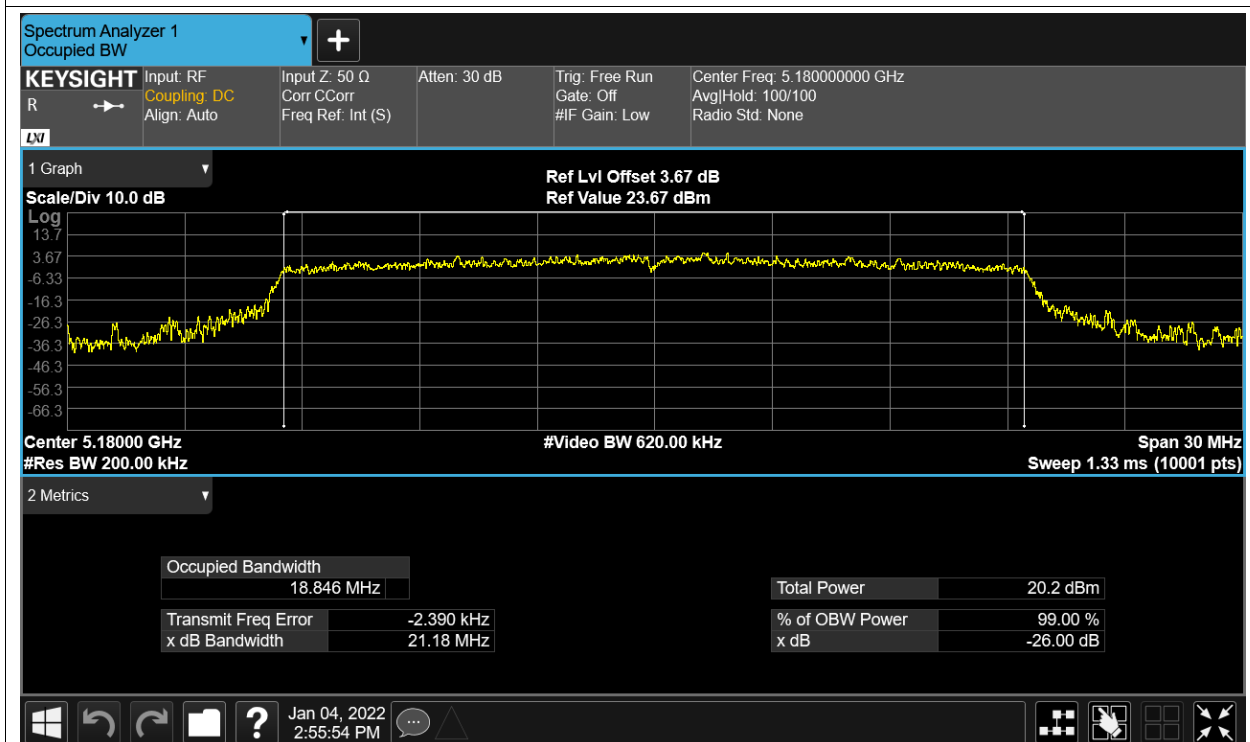
OBW NVNT ac80 5210MHz Ant2



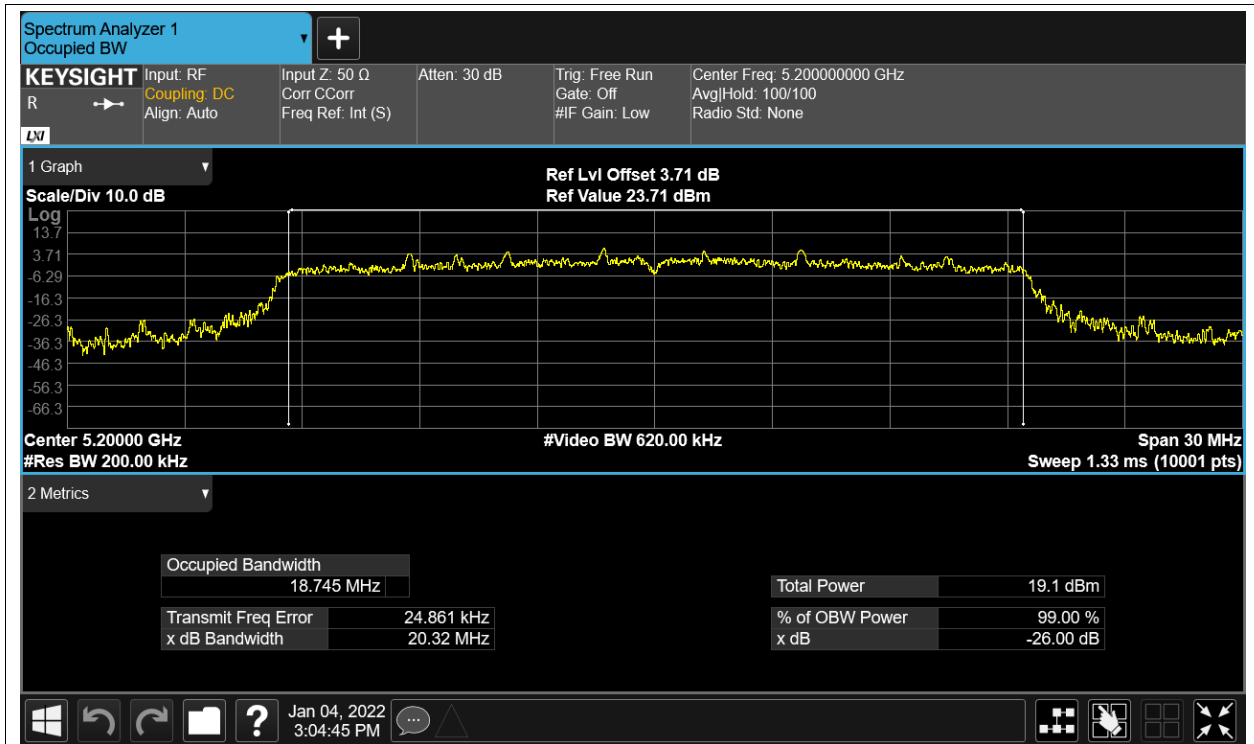
OBW NVNT ax20 5180MHz Ant1



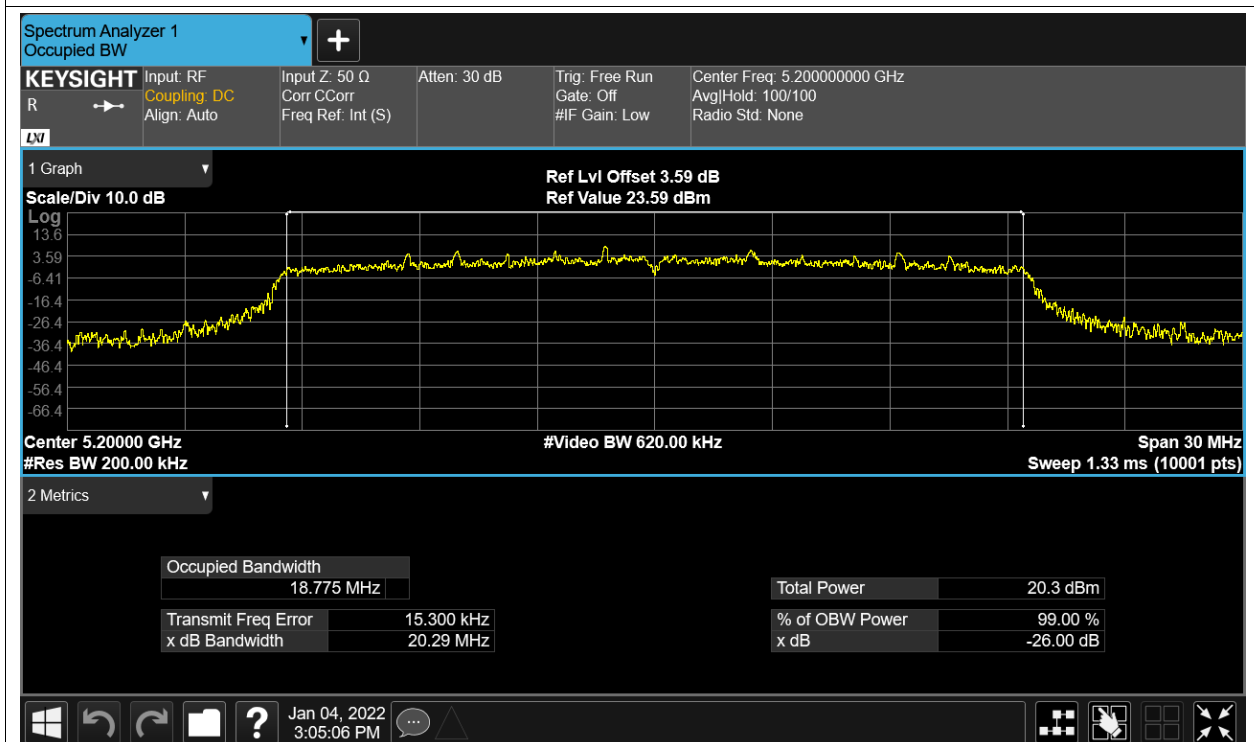
OBW NVNT ax20 5180MHz Ant2



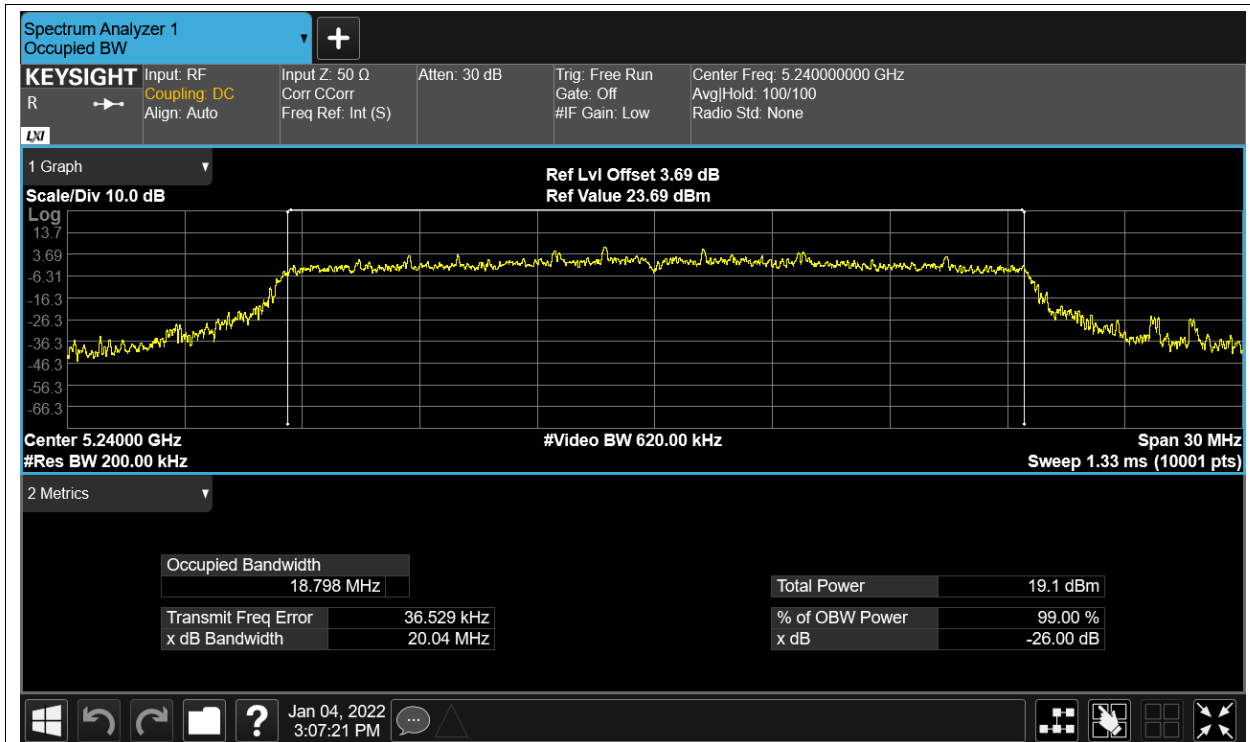
OBW NVNT ax20 5200MHz Ant1



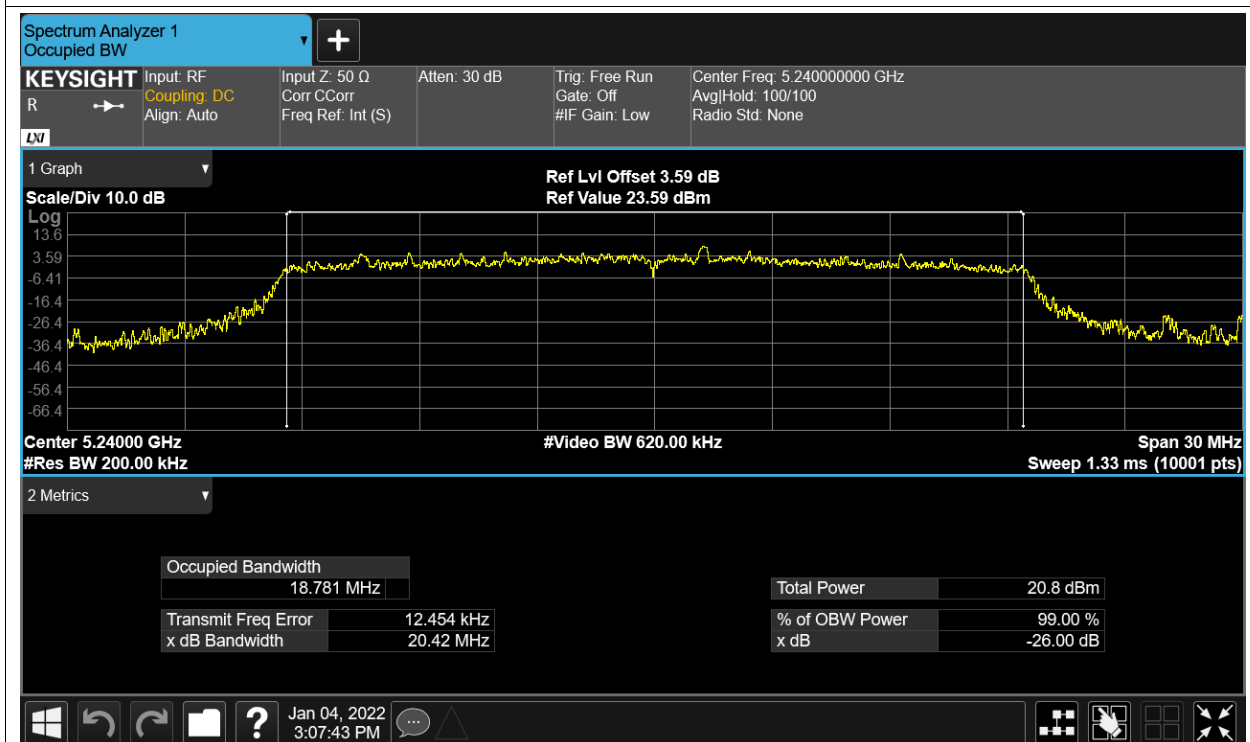
OBW NVNT ax20 5200MHz Ant2



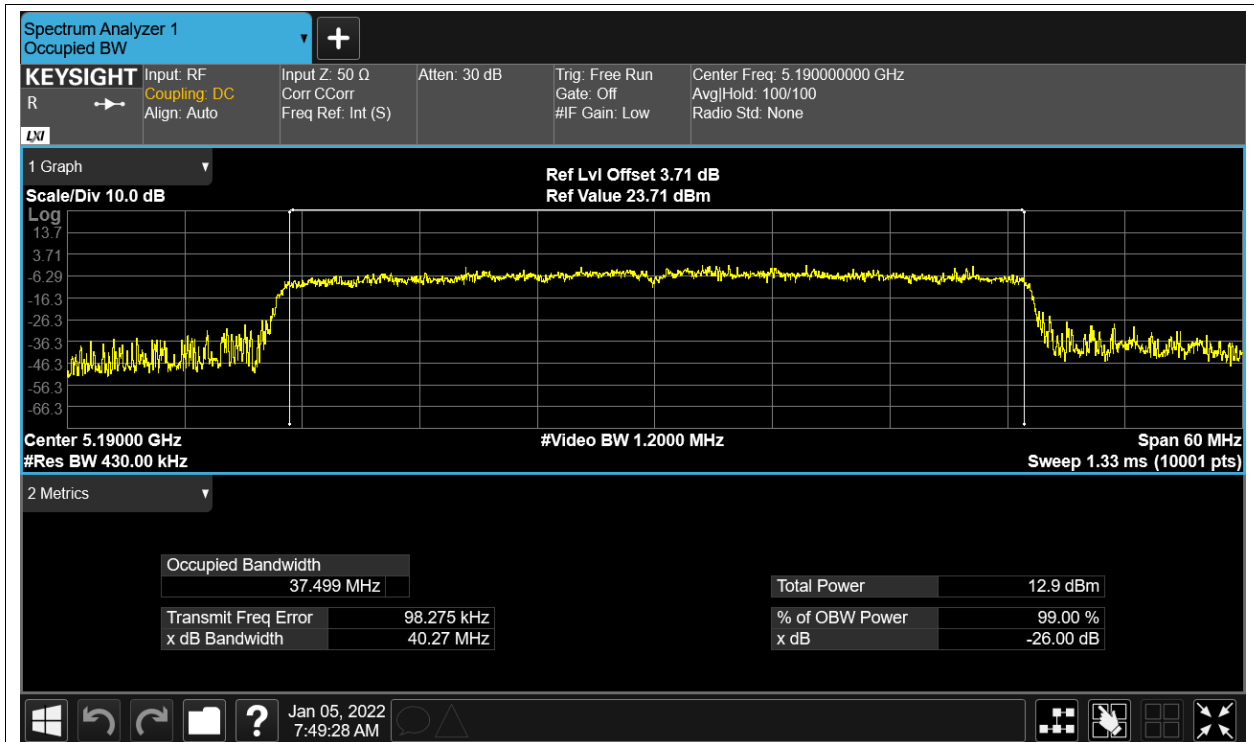
OBW NVNT ax20 5240MHz Ant1



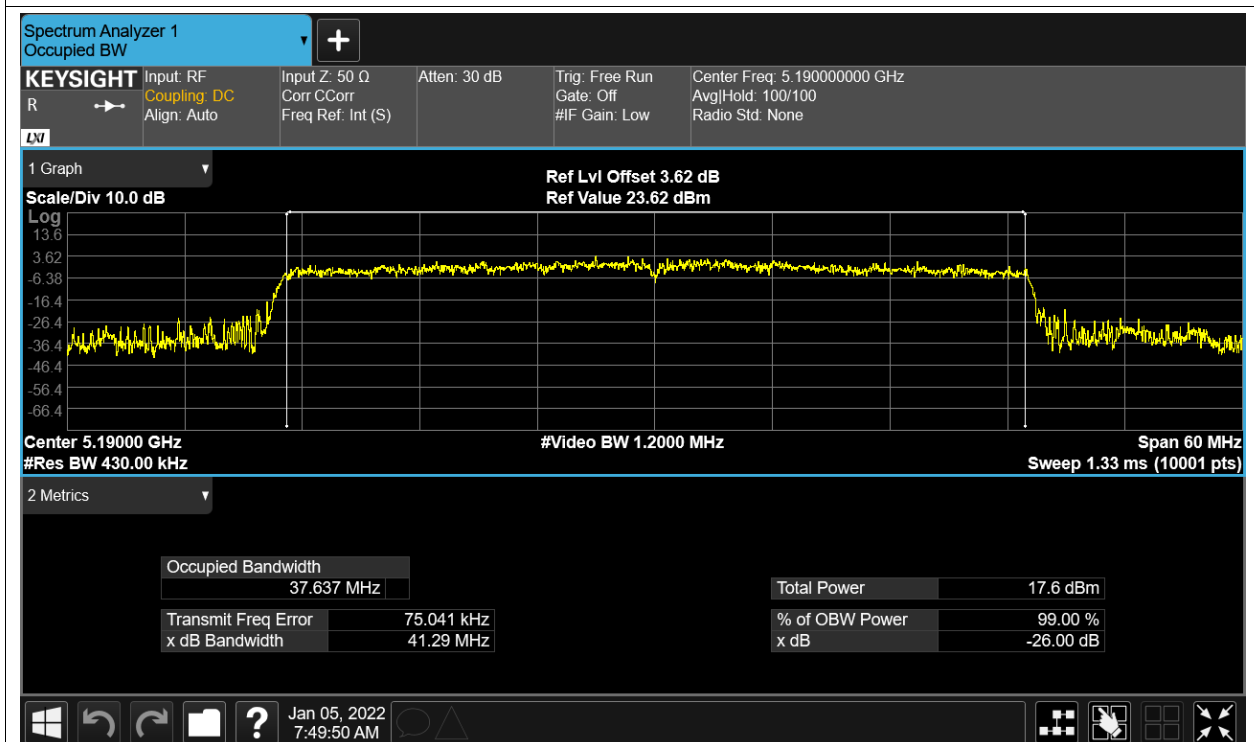
OBW NVNT ax20 5240MHz Ant2



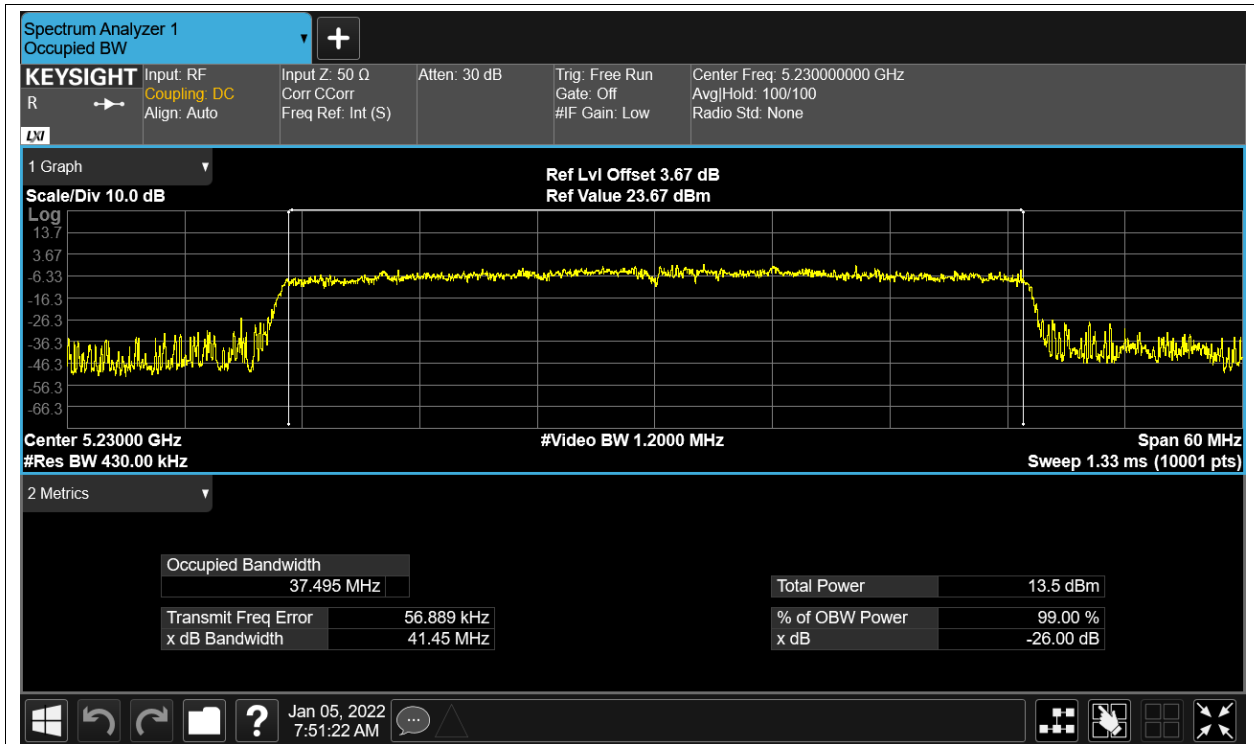
OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 5190MHz Ant2



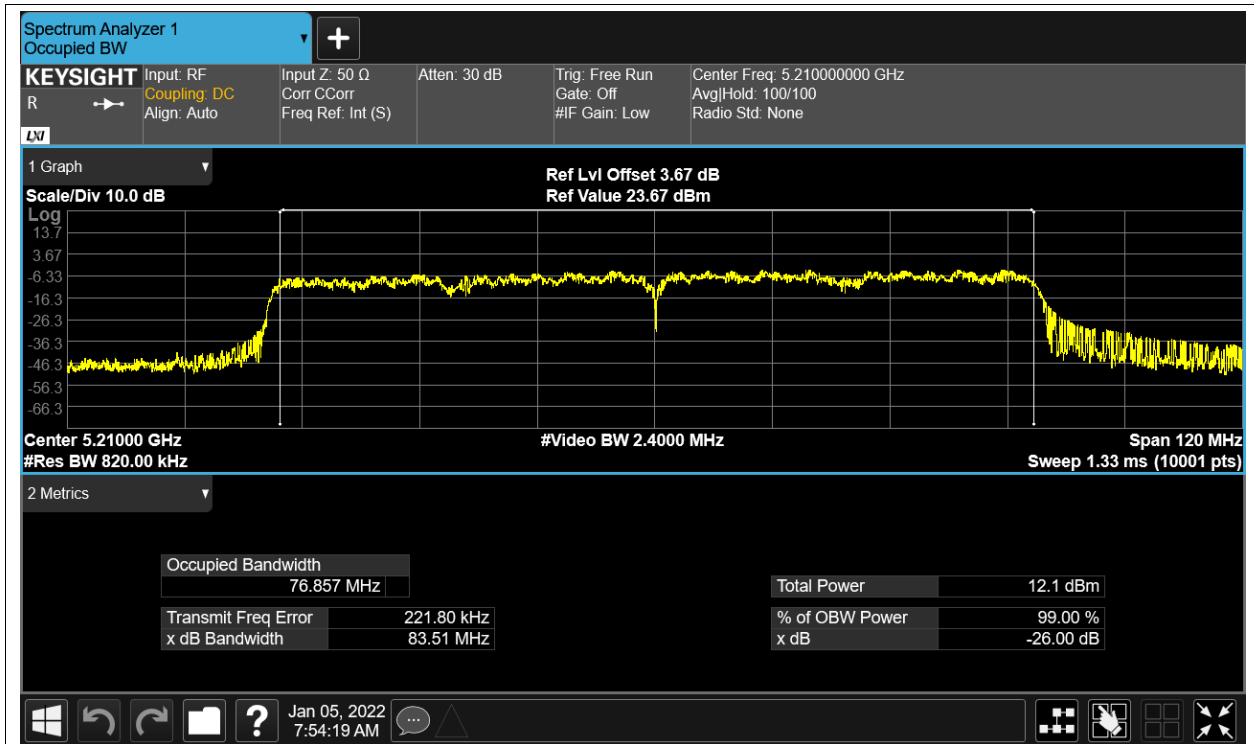
OBW NVNT ax40 5230MHz Ant1



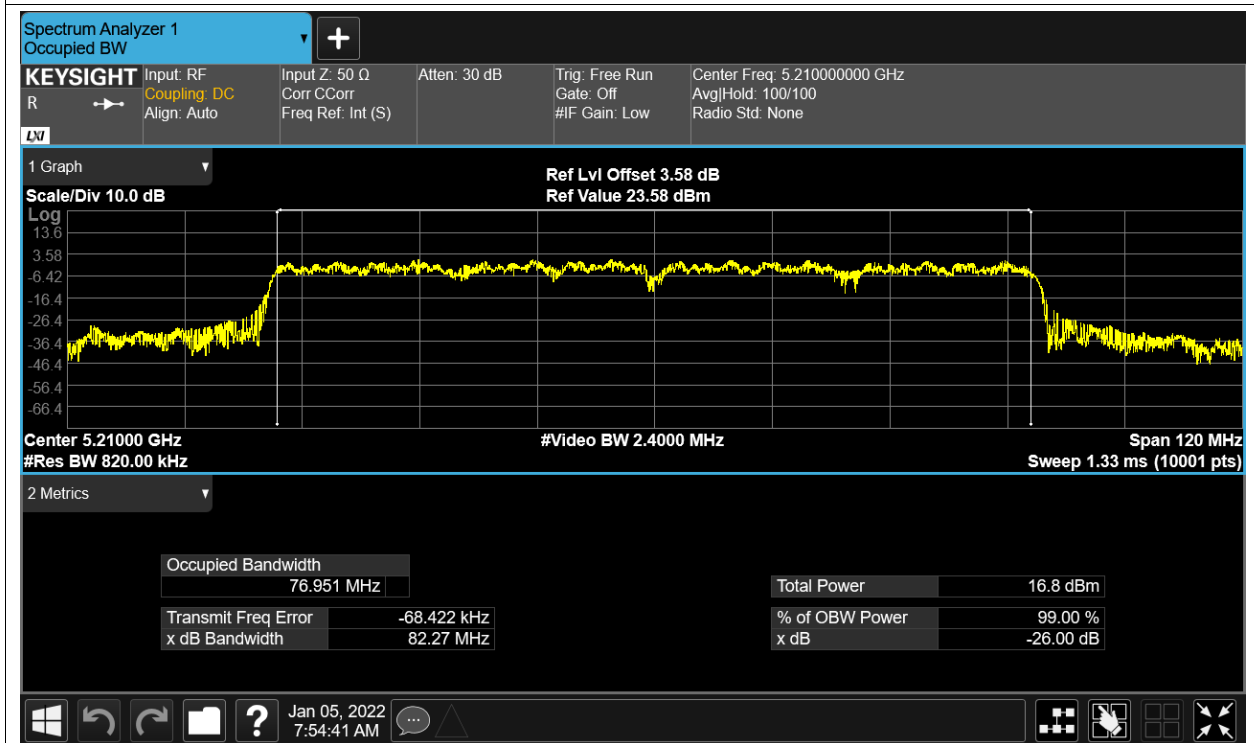
OBW NVNT ax40 5230MHz Ant2



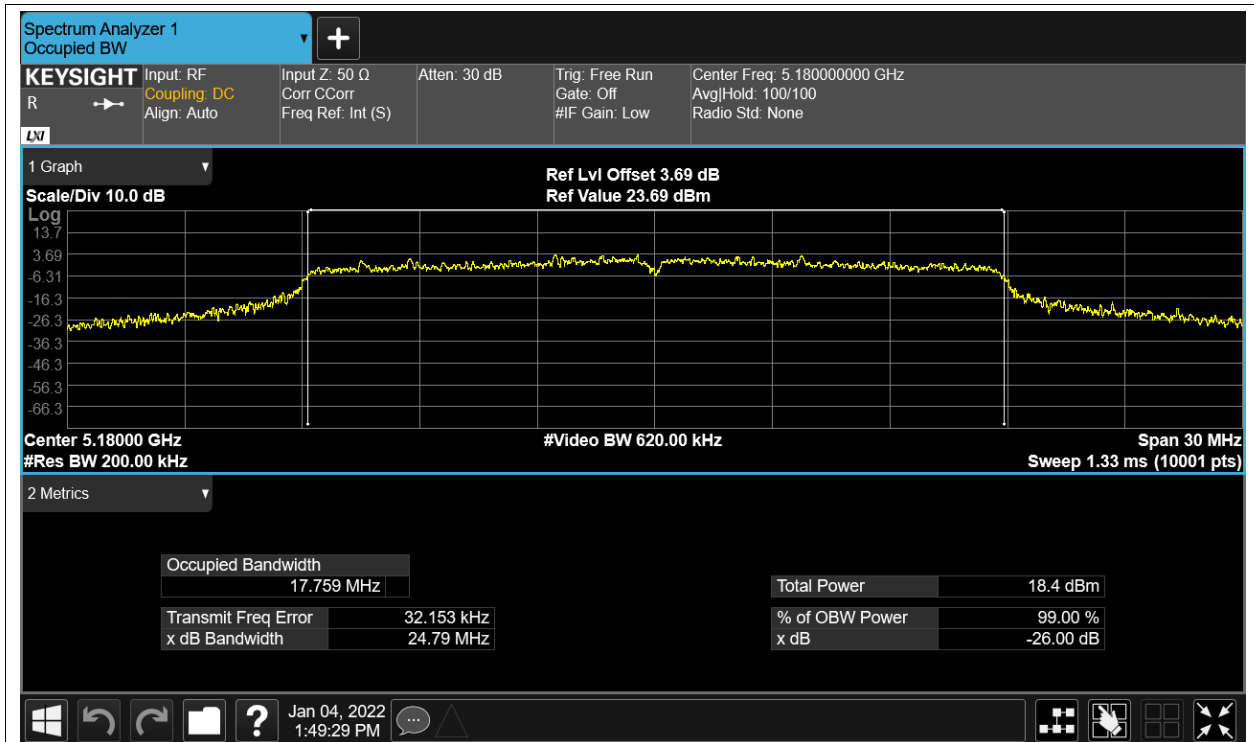
OBW NVNT ax80 5210MHz Ant1



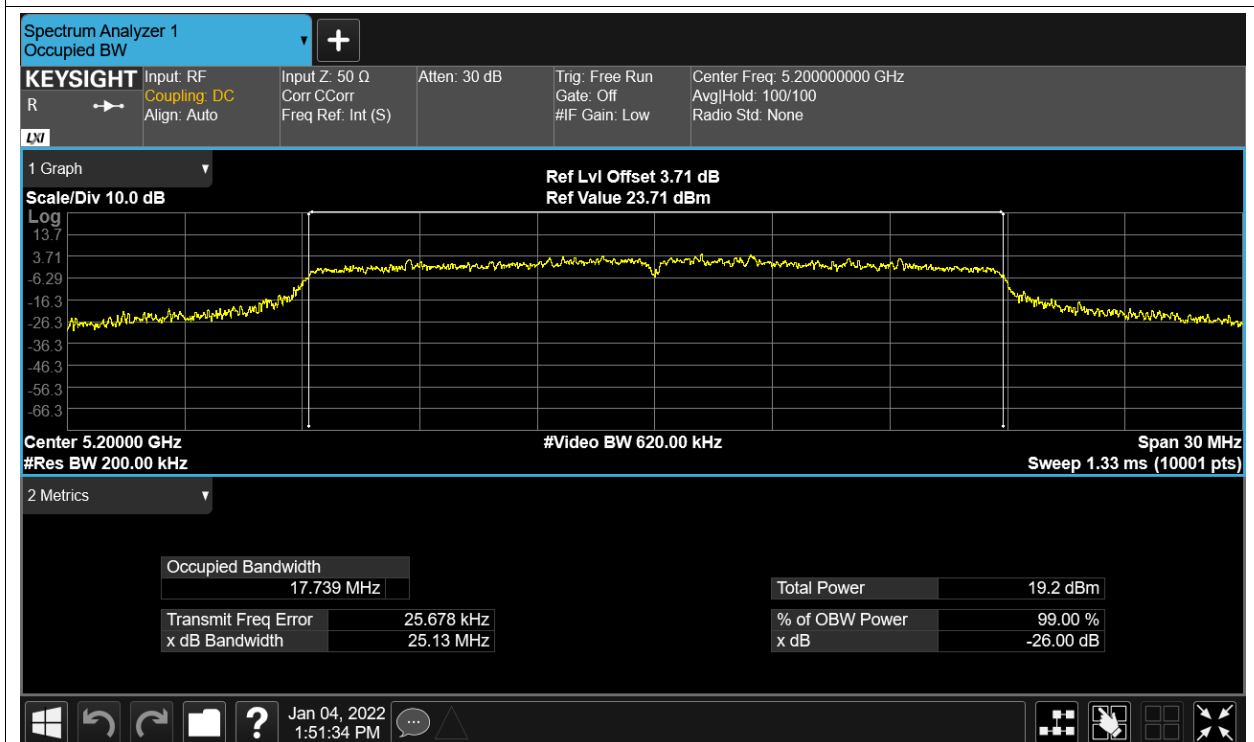
OBW NVNT ax80 5210MHz Ant2



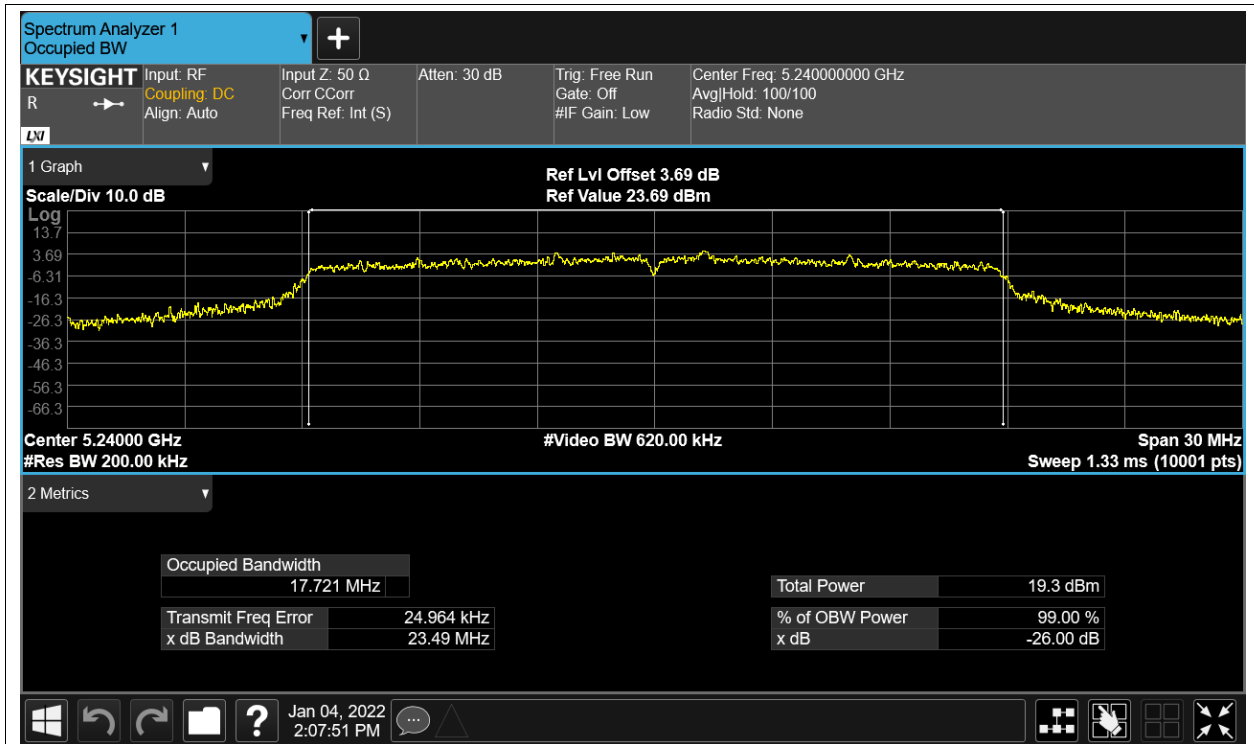
OBW NVNT n20 5180MHz Ant1



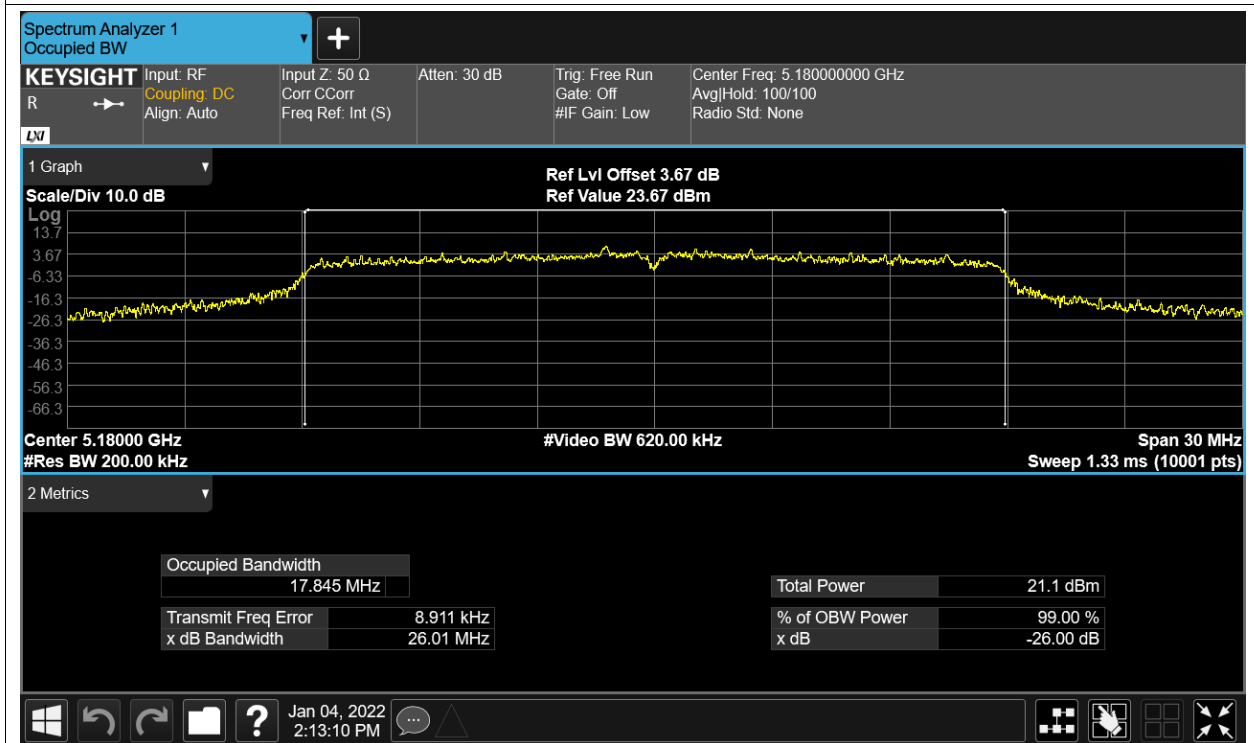
OBW NVNT n20 5200MHz Ant1



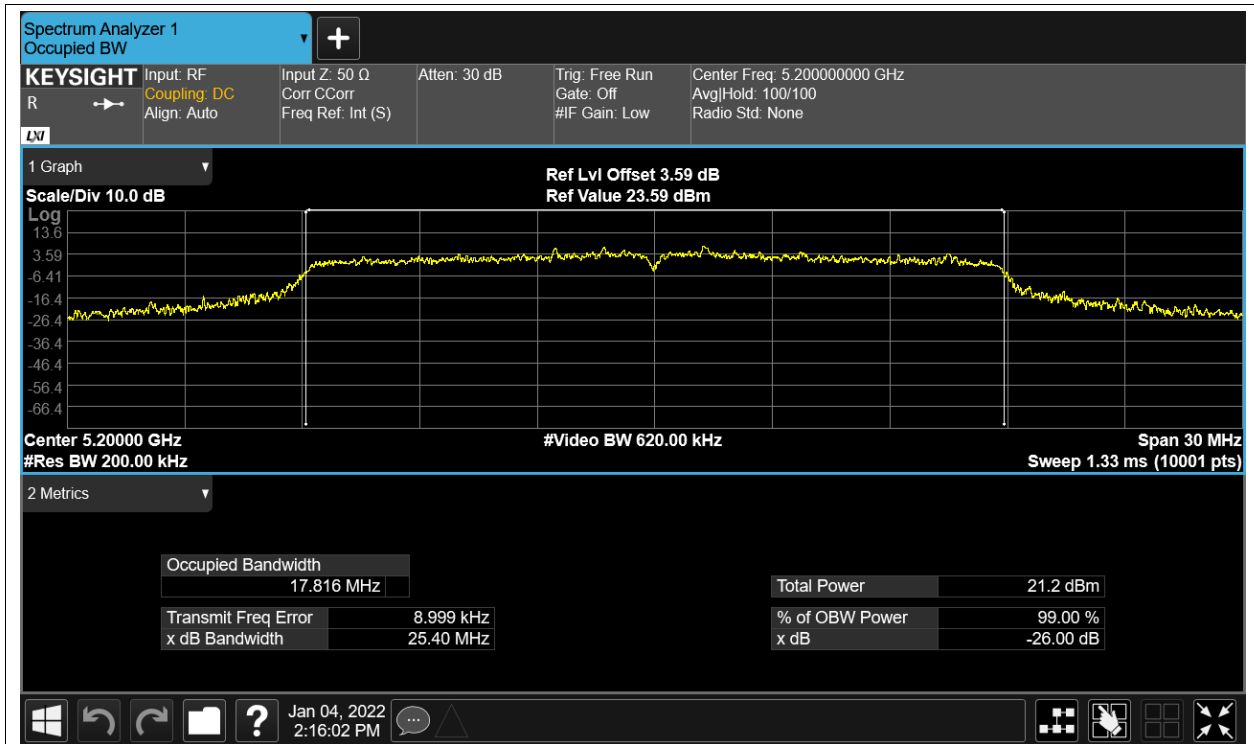
OBW NVNT n20 5240MHz Ant1



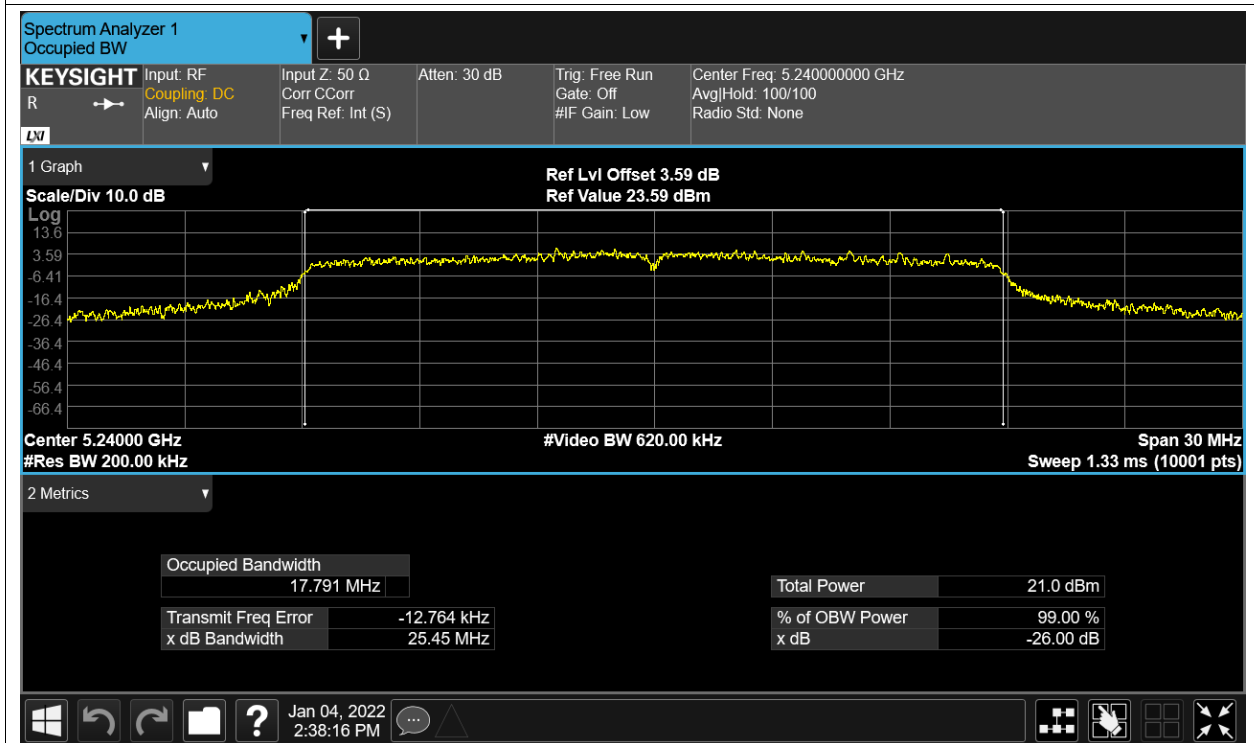
OBW NVNT n20 5180MHz Ant2



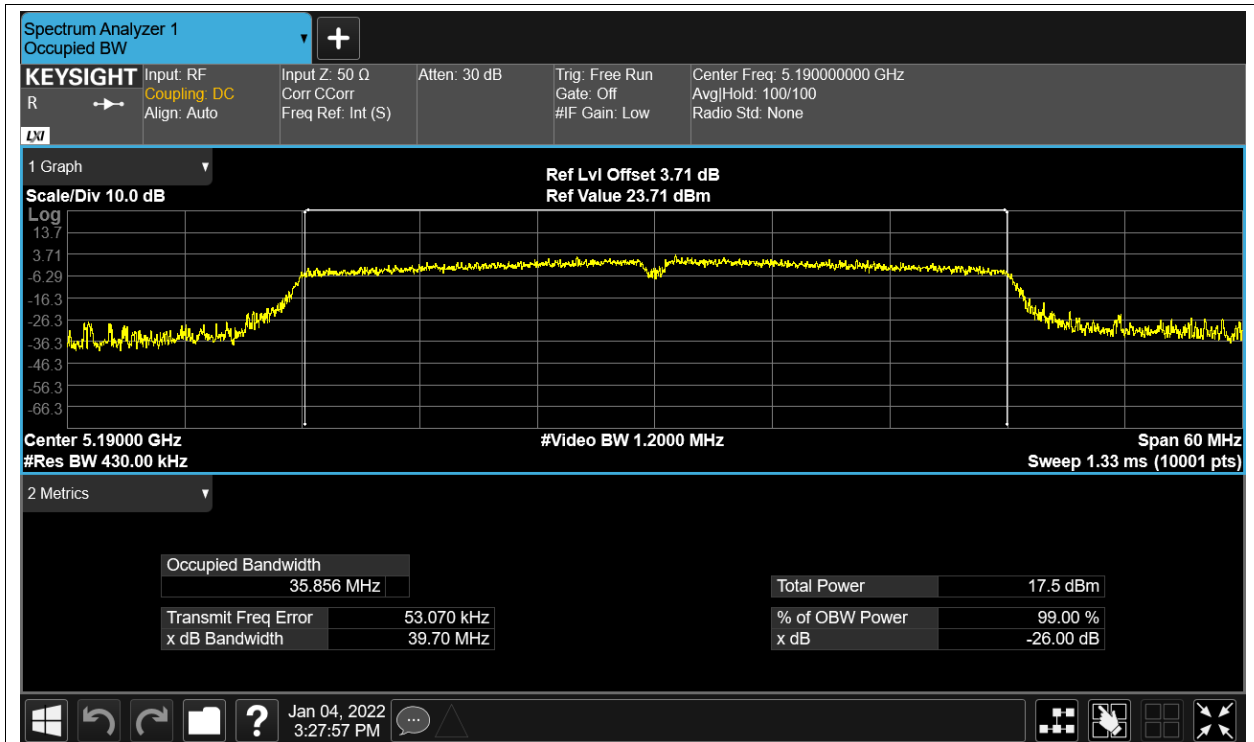
OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5240MHz Ant2



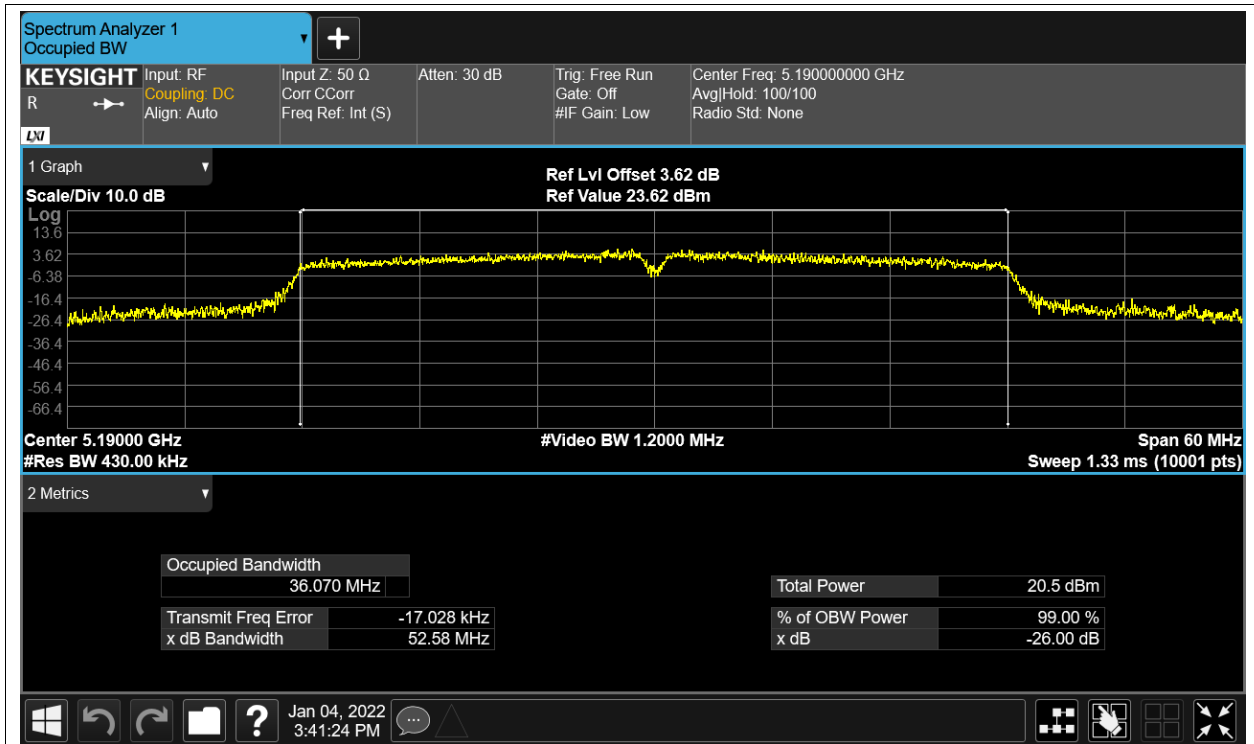
OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.443	11	Pass
NVNT	a	5200	Ant1	3.639	11	Pass
NVNT	a	5240	Ant1	3.689	11	Pass
NVNT	a	5180	Ant2	5.404	11	Pass
NVNT	a	5200	Ant2	4.372	11	Pass
NVNT	a	5240	Ant2	5.321	11	Pass
NVNT	ac20	5180	Ant1	1.721	17	Pass
NVNT	ac20	5180	Ant2	3.811	17	Pass
NVNT	ac20	5180	Sum	5.901	17	Pass
NVNT	ac20	5200	Ant1	2.808	17	Pass
NVNT	ac20	5200	Ant2	4.843	17	Pass
NVNT	ac20	5200	Sum	6.954	17	Pass
NVNT	ac20	5240	Ant1	2.375	17	Pass
NVNT	ac20	5240	Ant2	4.633	17	Pass
NVNT	ac20	5240	Sum	6.659	17	Pass
NVNT	ac40	5190	Ant1	-2.549	11	Pass
NVNT	ac40	5190	Ant2	1.259	11	Pass
NVNT	ac40	5190	Sum	2.77	11	Pass
NVNT	ac40	5230	Ant1	-1.225	11	Pass
NVNT	ac40	5230	Ant2	0.59	11	Pass
NVNT	ac40	5230	Sum	2.787	11	Pass
NVNT	ac80	5210	Ant1	-8.979	11	Pass
NVNT	ac80	5210	Ant2	-5.953	11	Pass
NVNT	ac80	5210	Sum	-4.197	11	Pass
NVNT	ax20	5180	Ant1	-0.727	17	Pass
NVNT	ax20	5180	Ant2	2.439	17	Pass
NVNT	ax20	5180	Sum	4.149	17	Pass
NVNT	ax20	5200	Ant1	1.002	17	Pass
NVNT	ax20	5200	Ant2	2.132	17	Pass
NVNT	ax20	5200	Sum	4.614	17	Pass
NVNT	ax20	5240	Ant1	0.891	17	Pass
NVNT	ax20	5240	Ant2	2.547	17	Pass
NVNT	ax20	5240	Sum	4.808	17	Pass
NVNT	ax40	5190	Ant1	-9.069	11	Pass
NVNT	ax40	5190	Ant2	-4.56	11	Pass
NVNT	ax40	5190	Sum	-3.244	11	Pass
NVNT	ax40	5230	Ant1	-8.825	11	Pass
NVNT	ax40	5230	Ant2	-4.973	11	Pass
NVNT	ax40	5230	Sum	-3.475	11	Pass

NVNT	ax80	5210	Ant1	-13.794	11	Pass
NVNT	ax80	5210	Ant2	-9.322	11	Pass
NVNT	ax80	5210	Sum	-7.996	11	Pass
NVNT	n20	5180	Ant1	1.79	11	Pass
NVNT	n20	5200	Ant1	2.416	11	Pass
NVNT	n20	5240	Ant1	2.601	11	Pass
NVNT	n20	5180	Ant2	4.414	11	Pass
NVNT	n20	5200	Ant2	3.545	11	Pass
NVNT	n20	5240	Ant2	4.295	11	Pass
NVNT	n40	5190	Ant1	-4.321	11	Pass
NVNT	n40	5230	Ant1	-2.557	11	Pass
NVNT	n40	5190	Ant2	0.879	11	Pass
NVNT	n40	5230	Ant2	-1.58	11	Pass

