

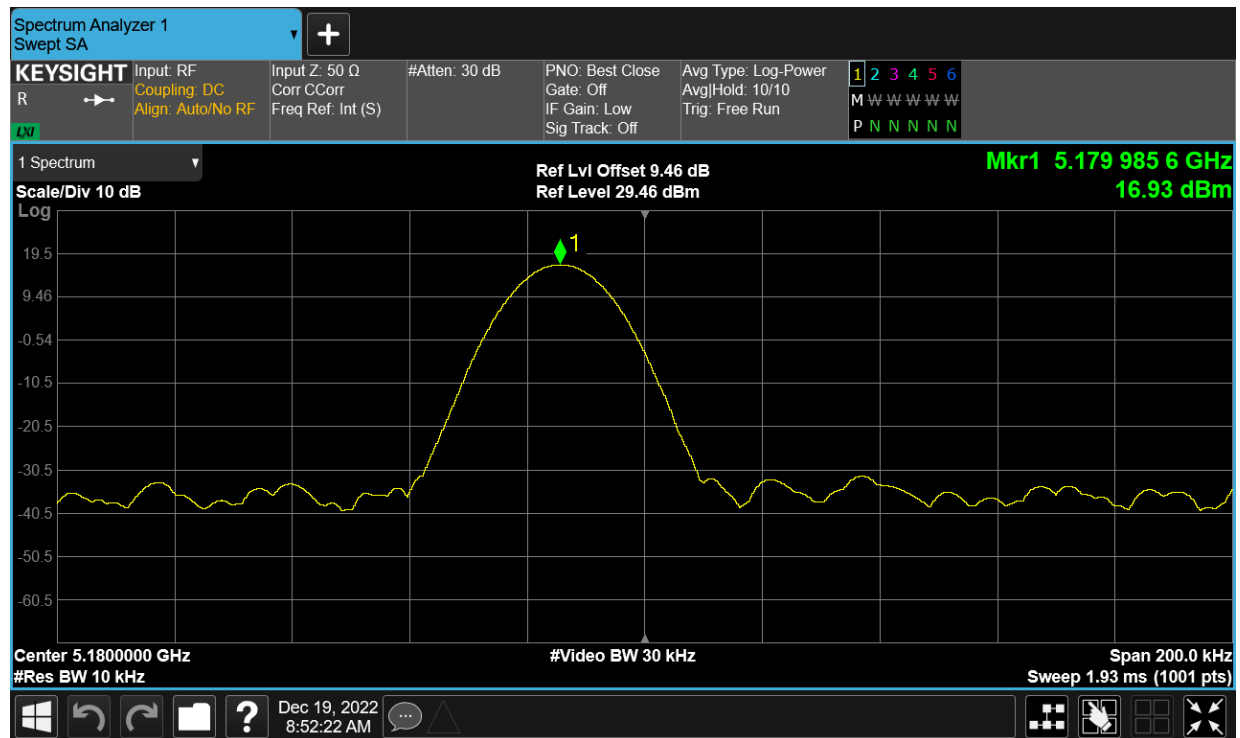
Test Data

Frequency Stability

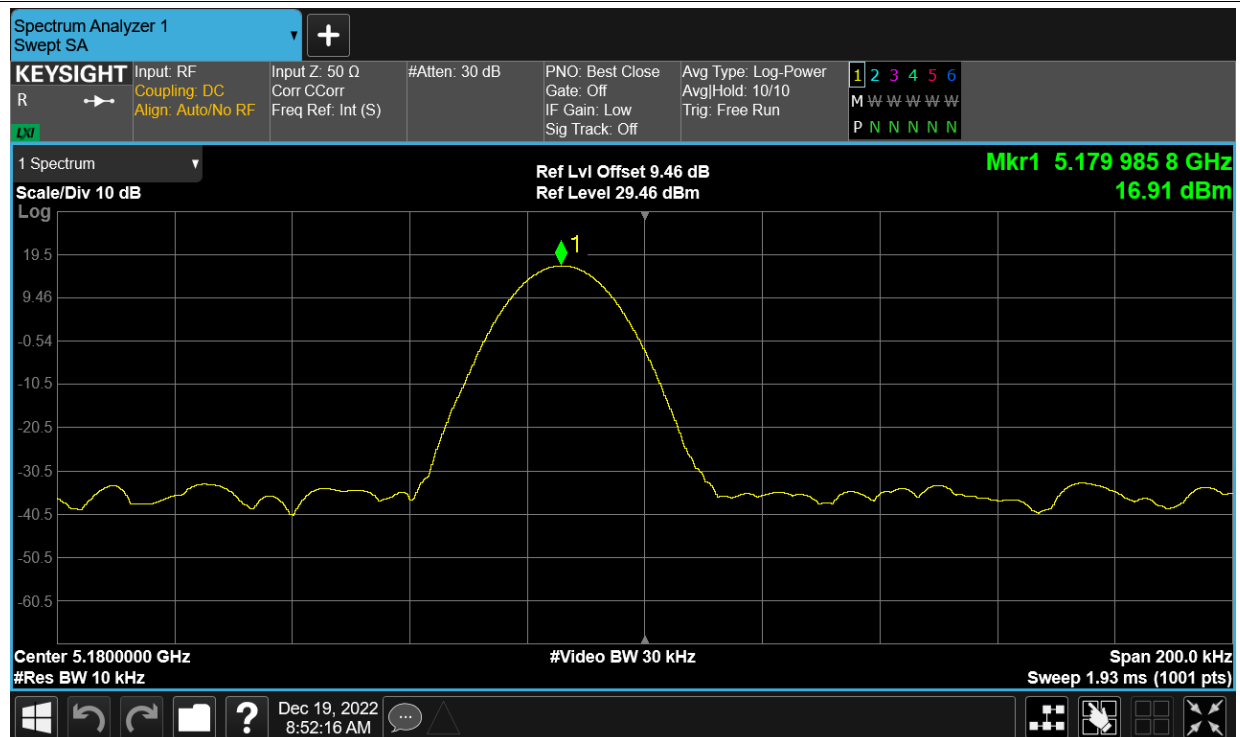
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9856	-2.78	25	Pass
LVNT	a	5180	Ant1	5179.9858	-2.74	25	Pass
NVHT	a	5180	Ant1	5179.9862	-2.66	25	Pass
NVLT	a	5180	Ant1	5179.9864	-2.63	25	Pass
NVNT	a	5180	Ant1	5179.9868	-2.55	25	Pass
HVNT	ac80	5210	Ant1	5209.9792	-3.99	25	Pass
LVNT	ac80	5210	Ant1	5209.9796	-3.92	25	Pass
NVHT	ac80	5210	Ant1	5209.98	-3.84	25	Pass
NVLT	ac80	5210	Ant1	5209.9804	-3.76	25	Pass
NVNT	ac80	5210	Ant1	5209.98115653	-3.62	25	Pass
HVNT	n40	5190	Ant1	5189.979	-4.05	25	Pass
LVNT	n40	5190	Ant1	5189.9792	-4.01	25	Pass
NVHT	n40	5190	Ant1	5189.9792	-4.01	25	Pass
NVLT	n40	5190	Ant1	5189.9794	-3.97	25	Pass
NVNT	n40	5190	Ant1	5189.9818	-3.51	25	Pass

Test Graphs

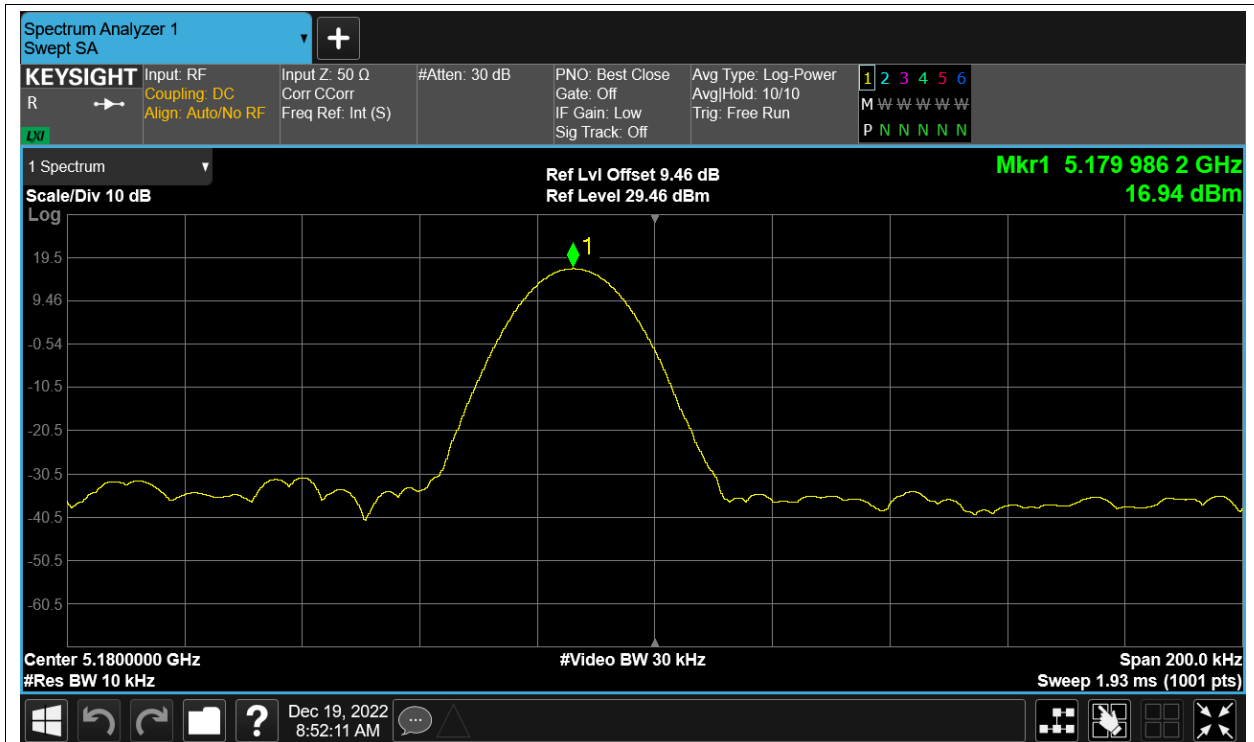
Freq. Stability HVNT a 5180MHz Ant1



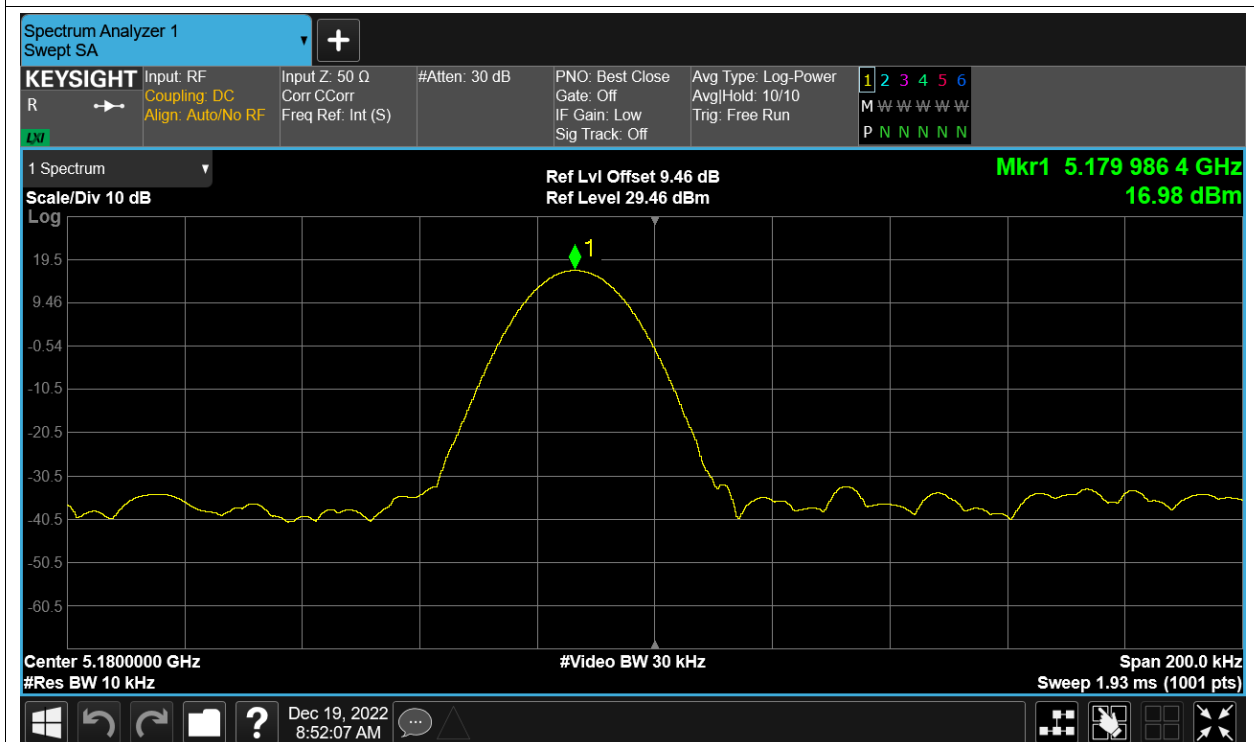
Freq. Stability LVNT a 5180MHz Ant1



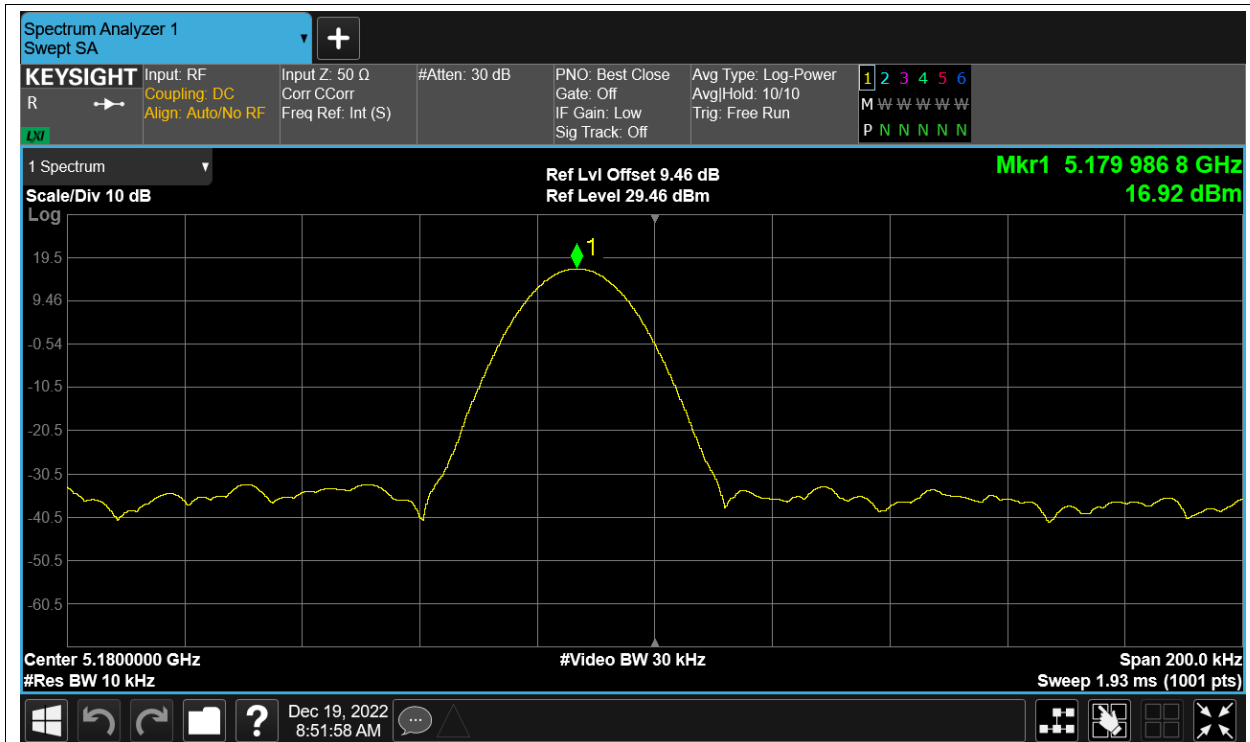
Freq. Stability NVHT a 5180MHz Ant1



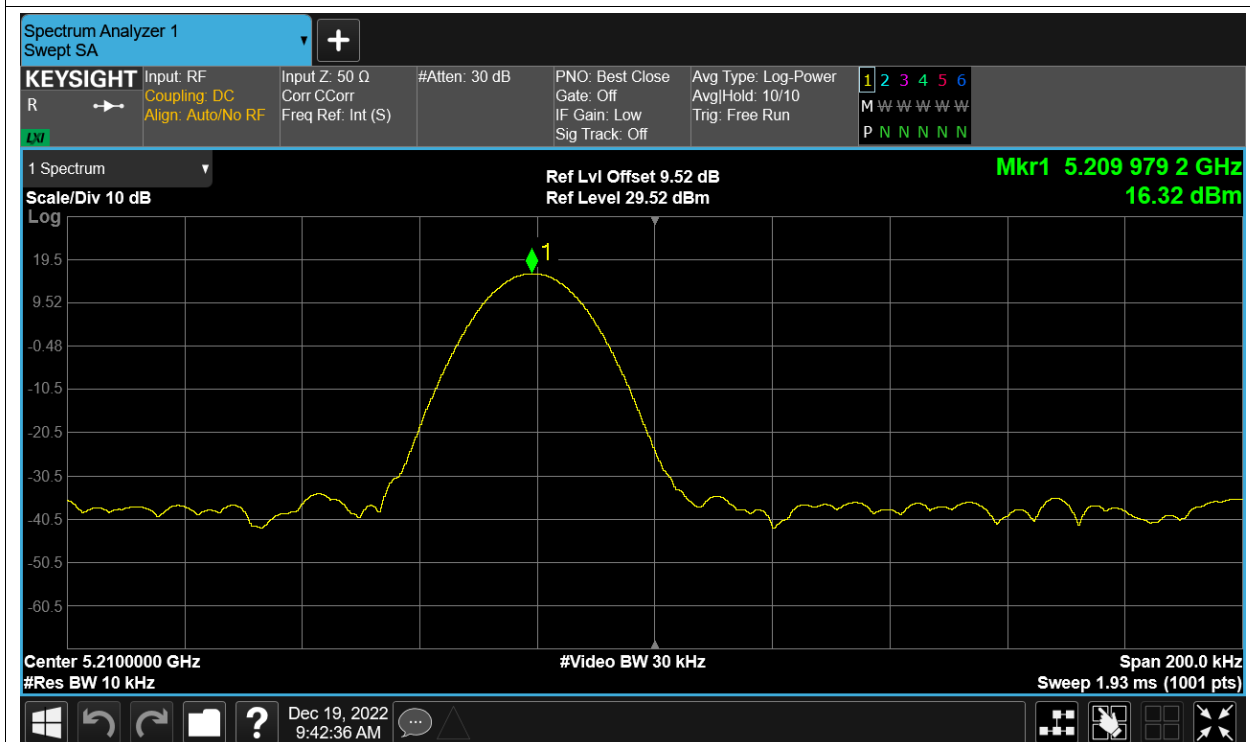
Freq. Stability NVLT a 5180MHz Ant1



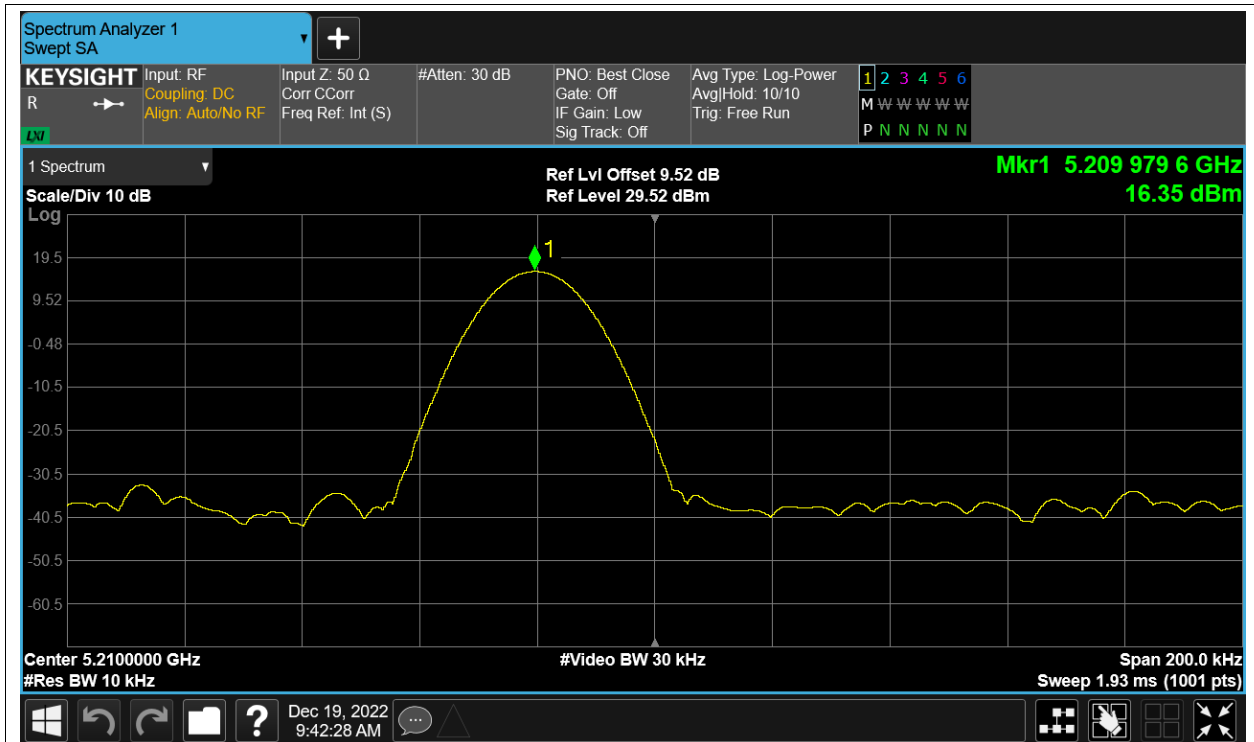
Freq. Stability NVNT a 5180MHz Ant1



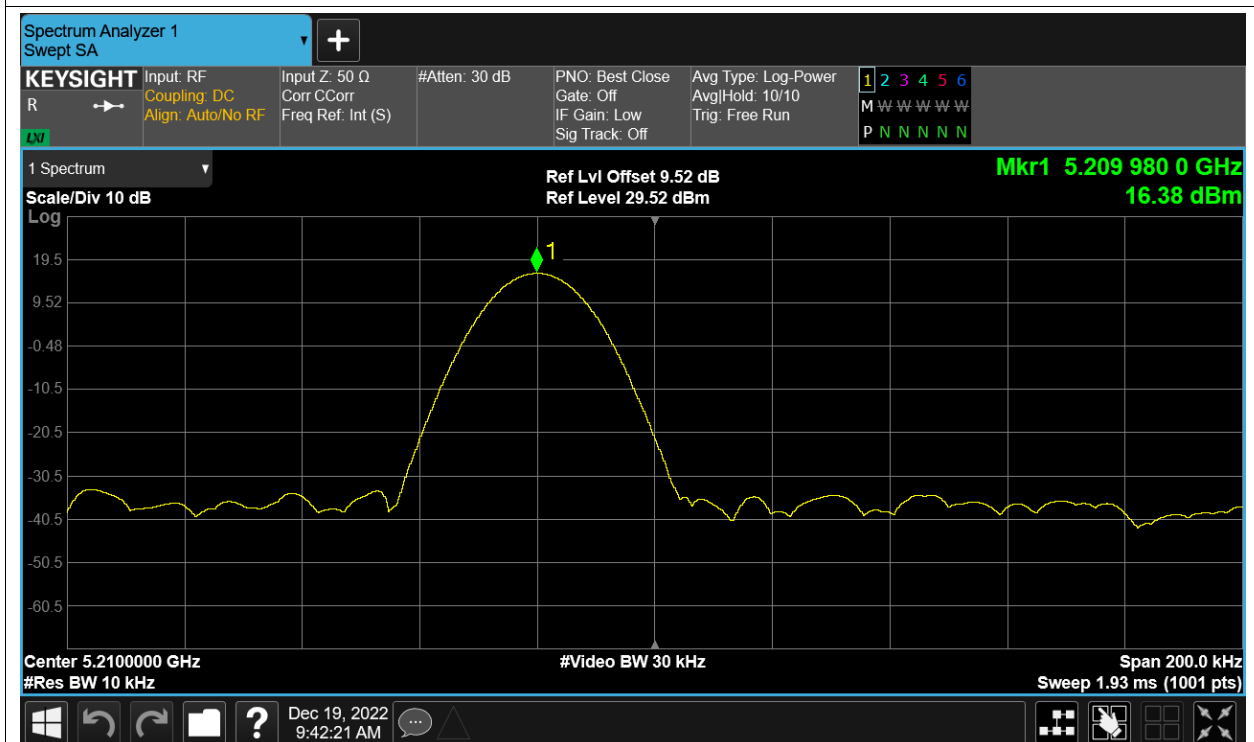
Freq. Stability HVNT ac80 5210MHz Ant1



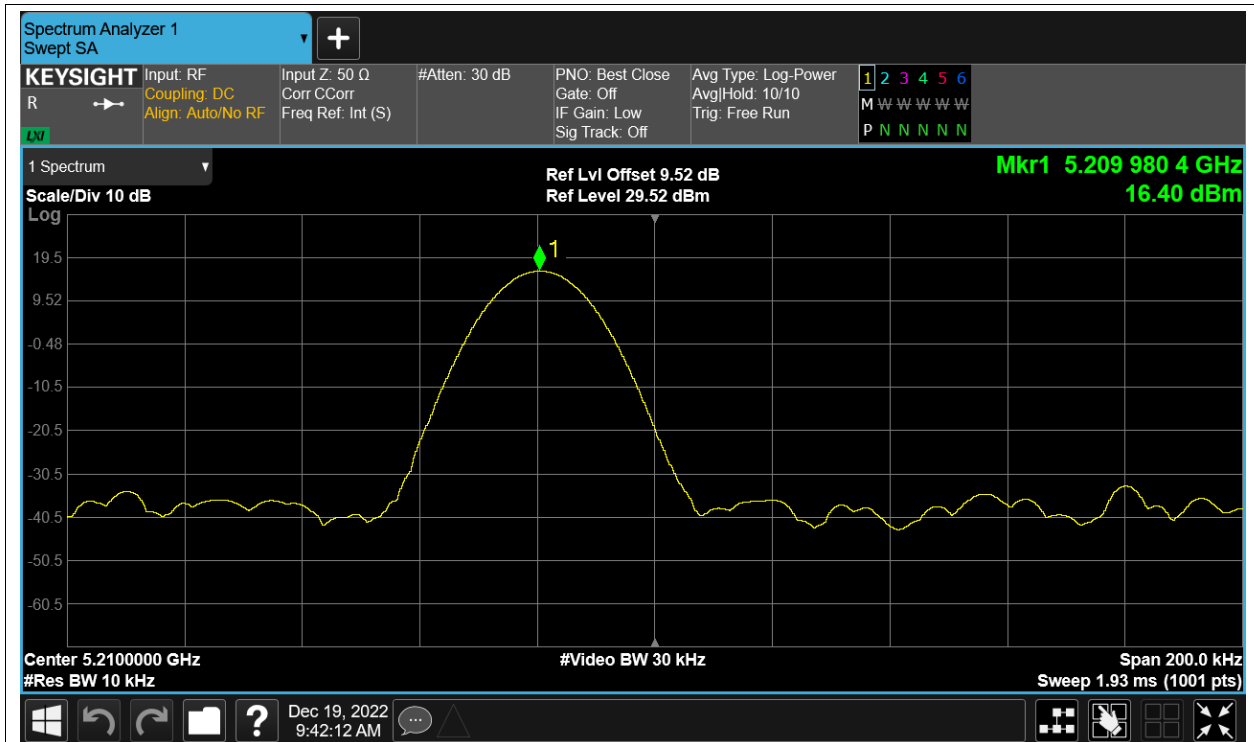
Freq. Stability LVNT ac80 5210MHz Ant1



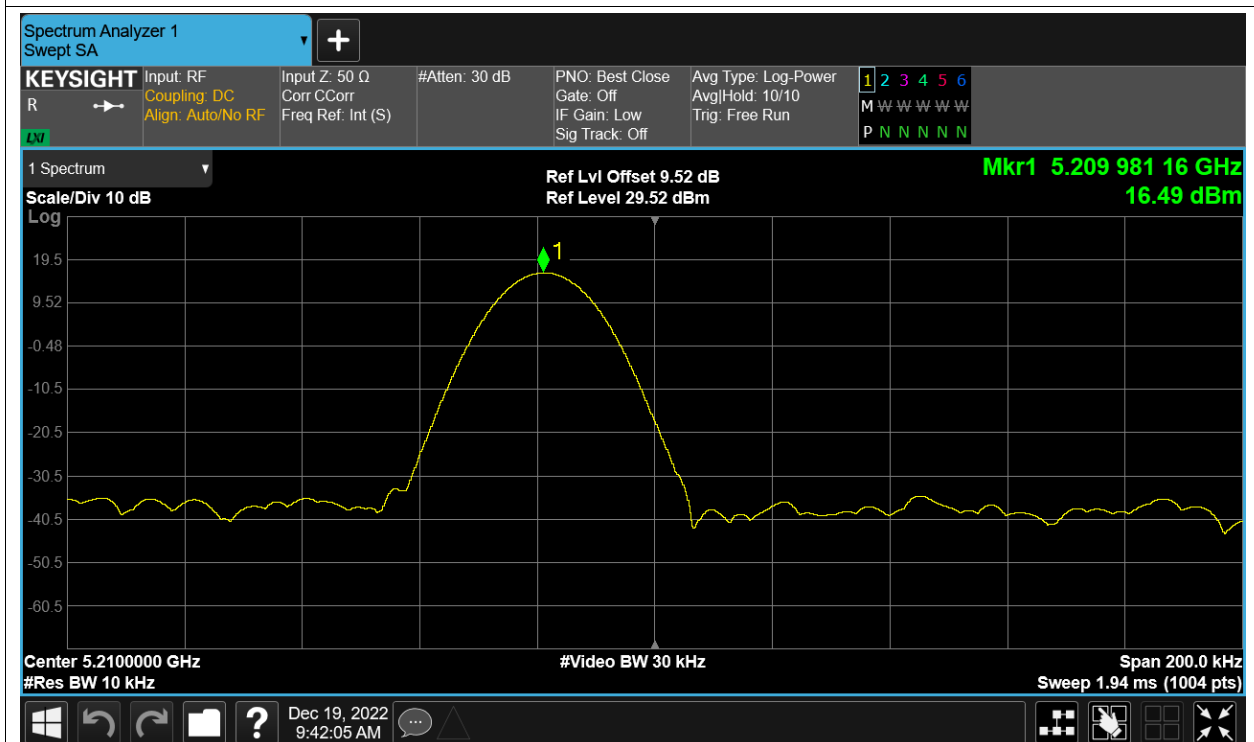
Freq. Stability NVHT ac80 5210MHz Ant1



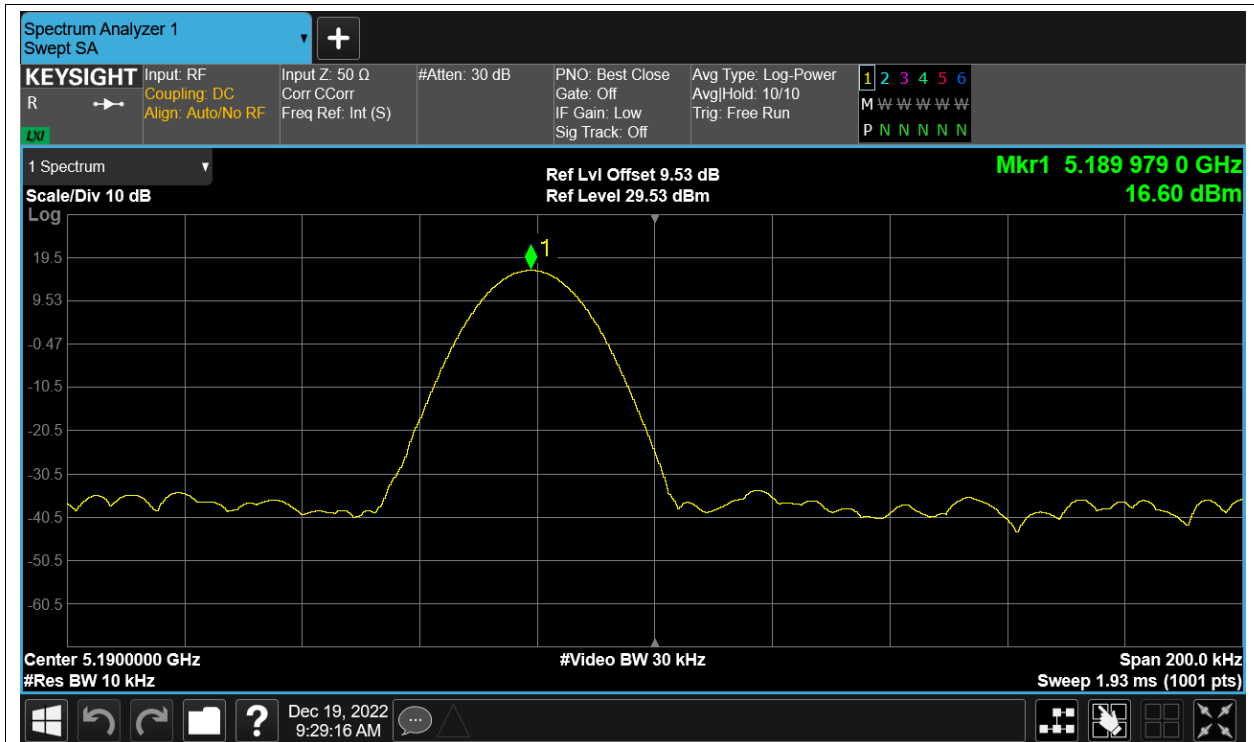
Freq. Stability NVLT ac80 5210MHz Ant1



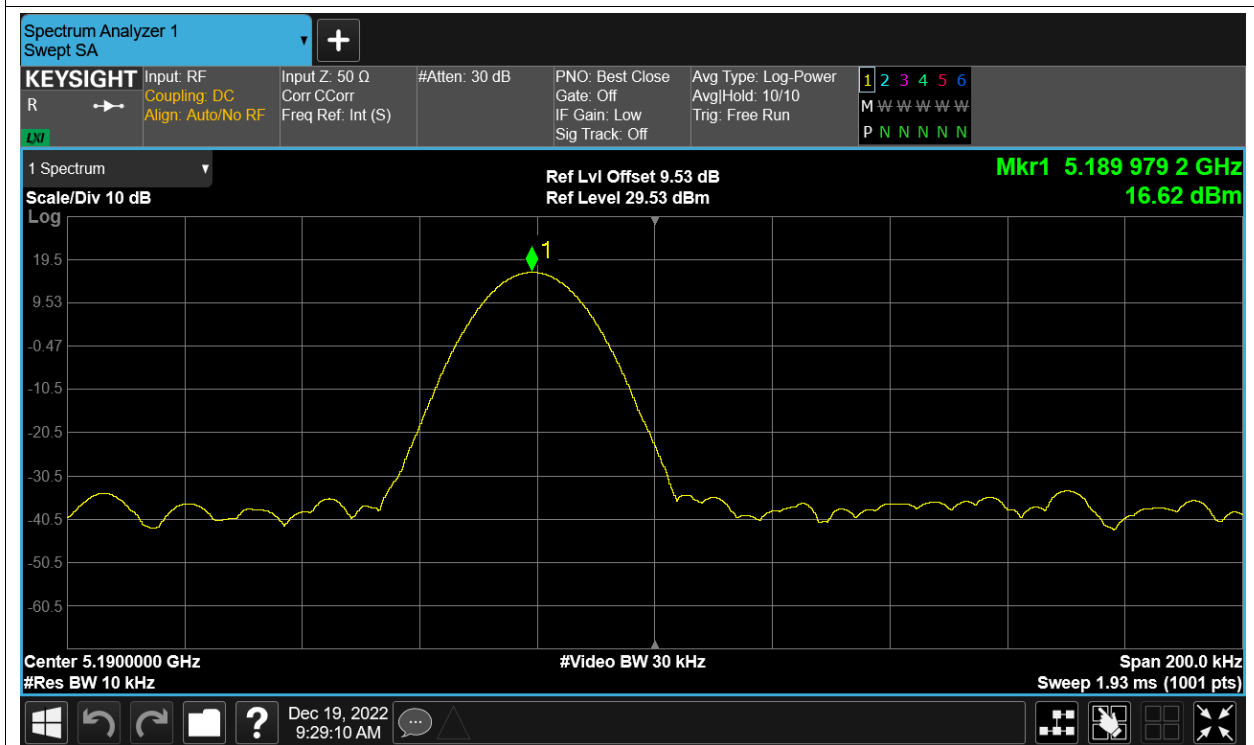
Freq. Stability NVNT ac80 5210MHz Ant1



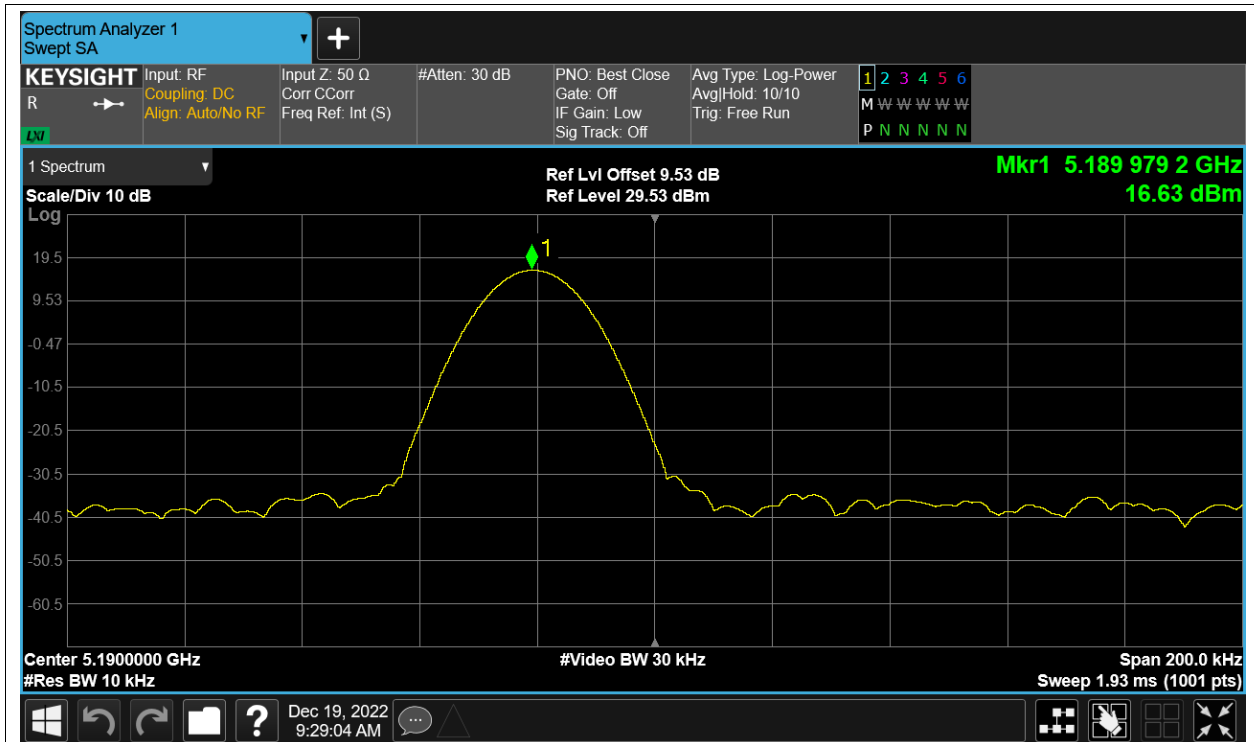
Freq. Stability HVNT n40 5190MHz Ant1



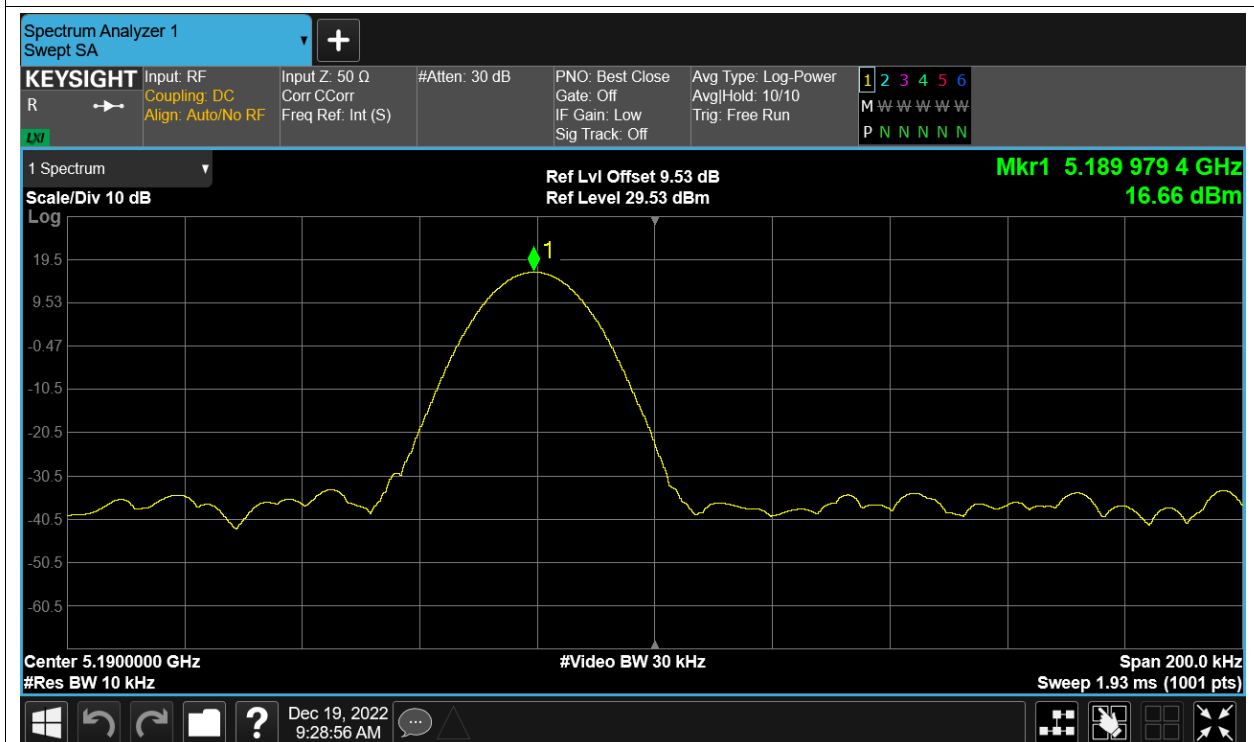
Freq. Stability LVNT n40 5190MHz Ant1



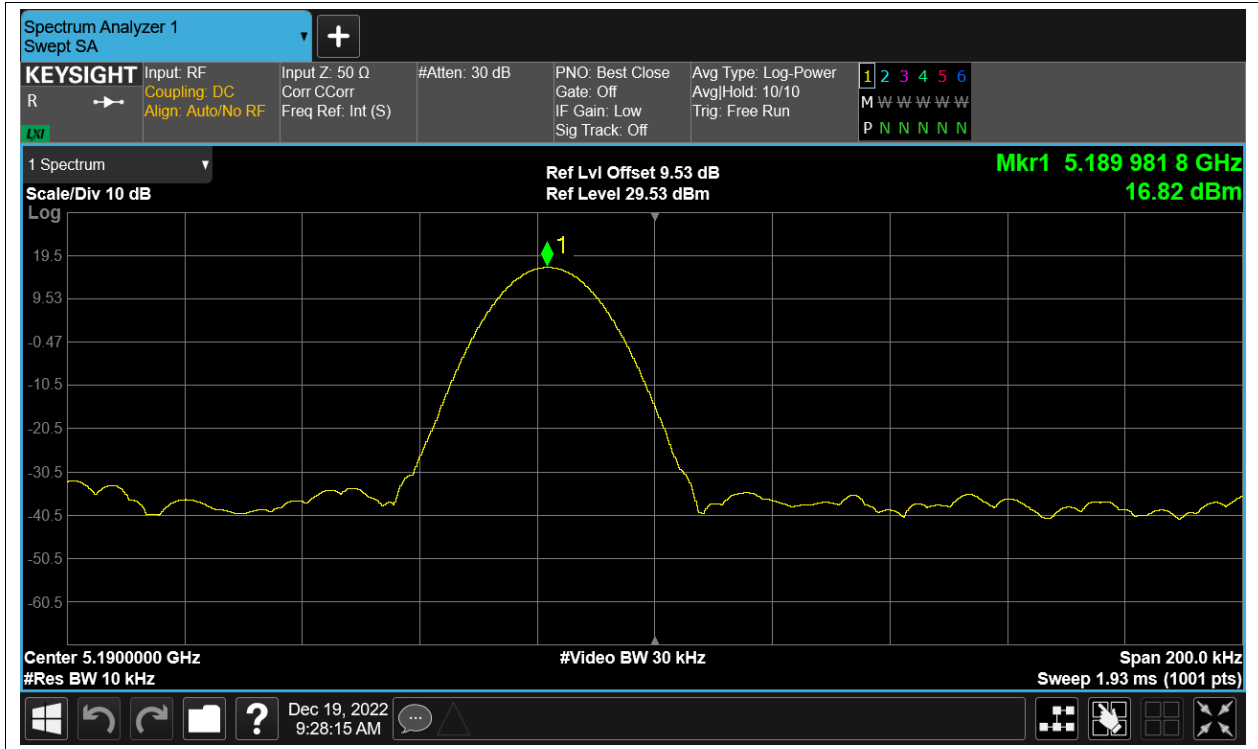
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

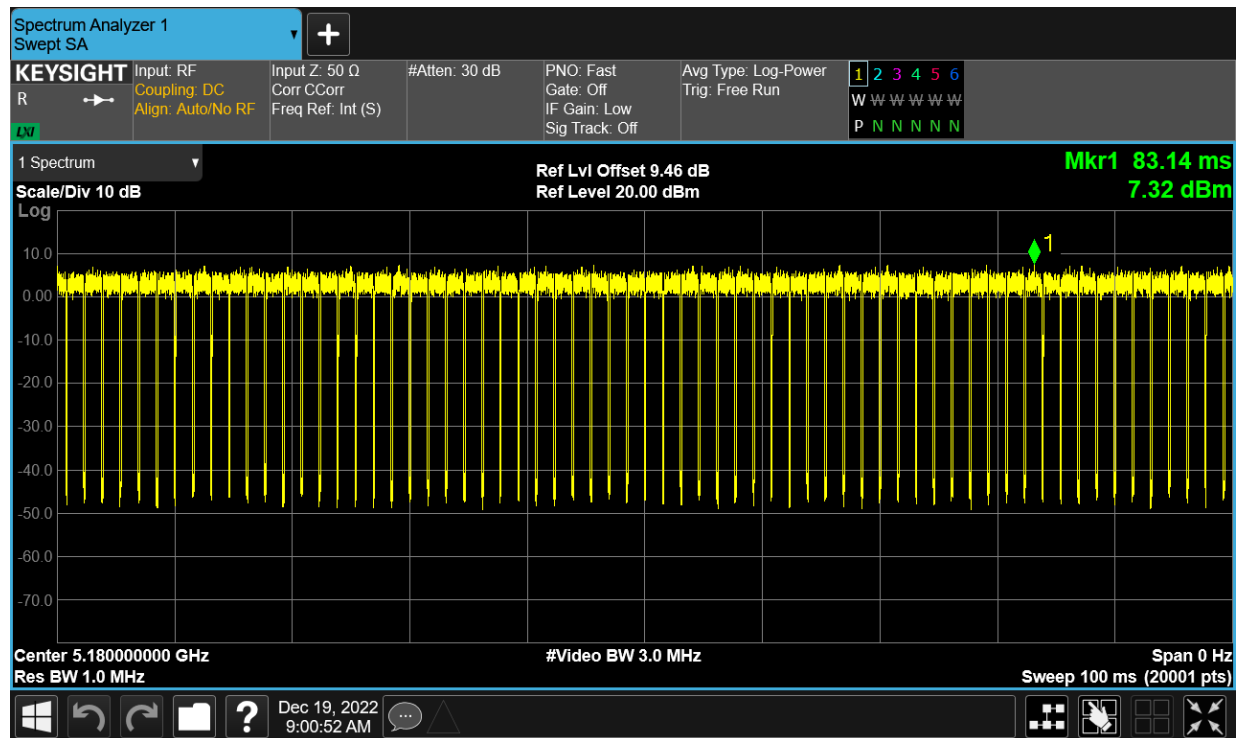


Duty Cycle

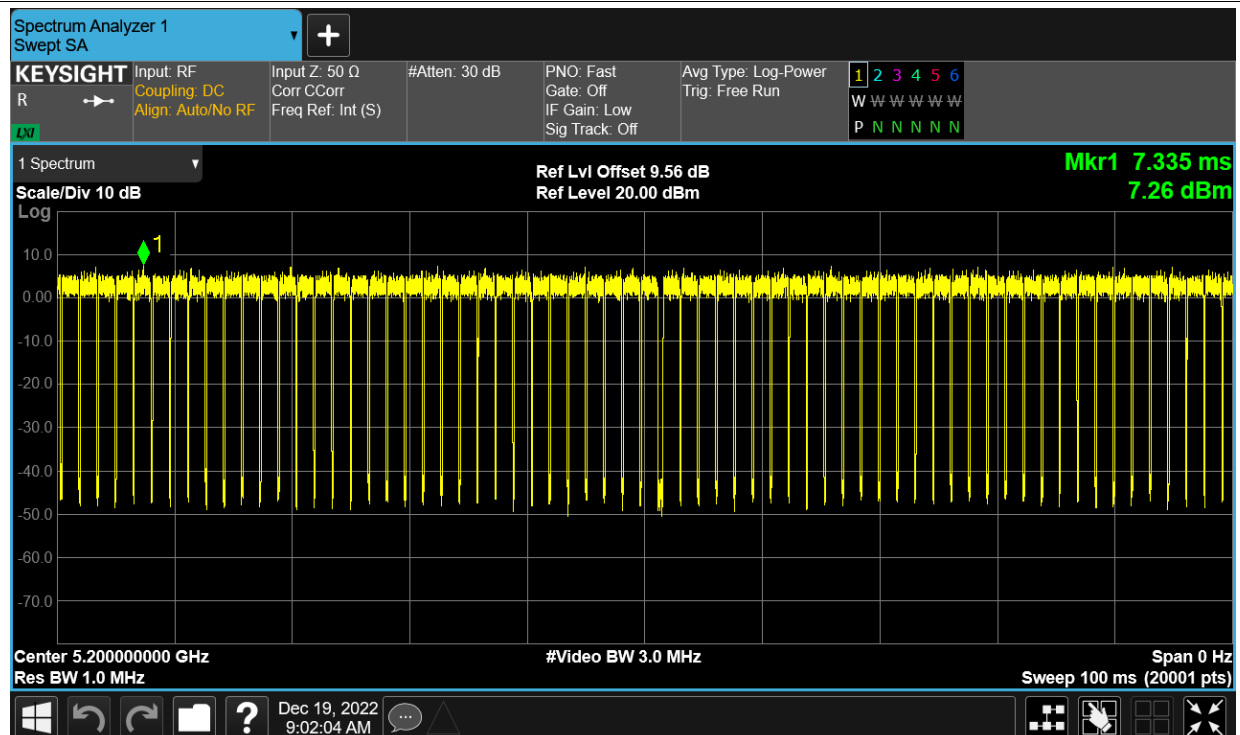
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	90.92	0.41
NVNT	a	5200	Ant1	90.63	0.43
NVNT	a	5240	Ant1	90.41	0.44
NVNT	ac20	5180	Ant1	89.55	0.48
NVNT	ac20	5200	Ant1	90.28	0.44
NVNT	ac20	5240	Ant1	90.33	0.44
NVNT	ac40	5190	Ant1	82.03	0.86
NVNT	ac40	5230	Ant1	82.01	0.86
NVNT	ac80	5210	Ant1	68.97	1.61
NVNT	n20	5180	Ant1	89.05	0.5
NVNT	n20	5200	Ant1	89.51	0.48
NVNT	n20	5240	Ant1	88.54	0.53
NVNT	n40	5190	Ant1	81.71	0.88
NVNT	n40	5230	Ant1	82.5	0.84

Test Graphs

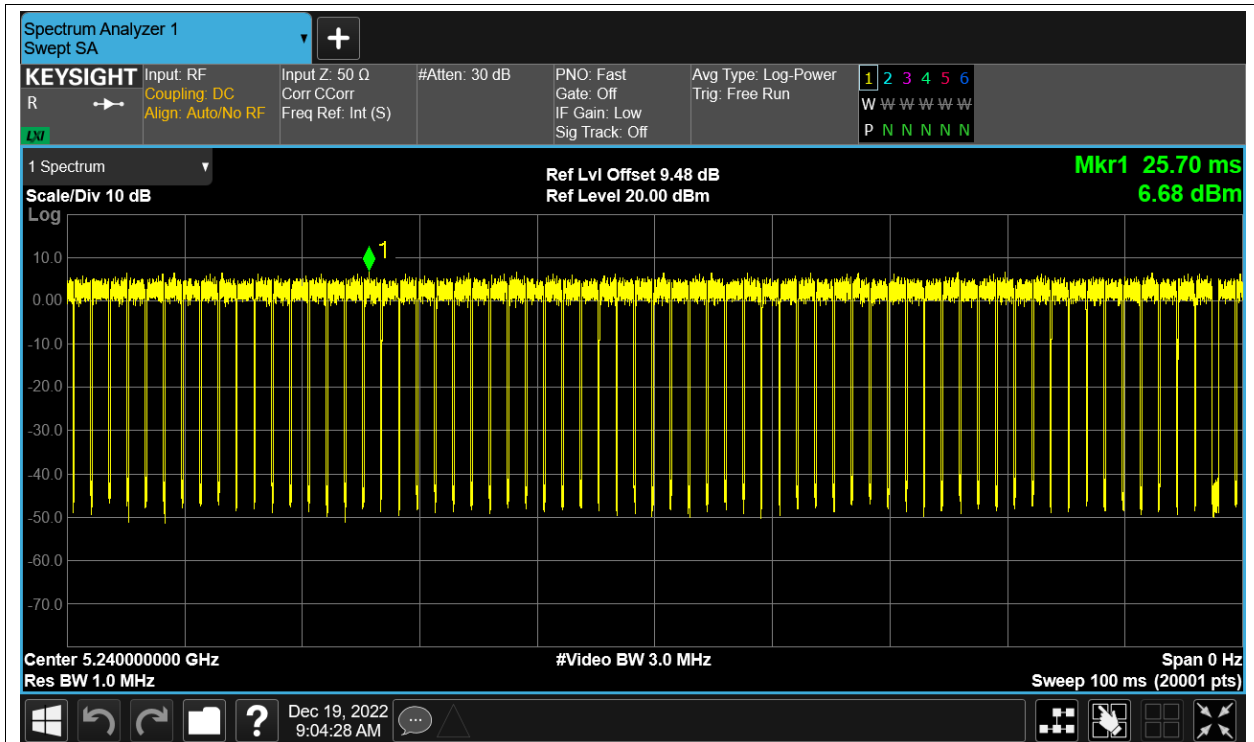
Duty Cycle NVNT a 5180MHz Ant1



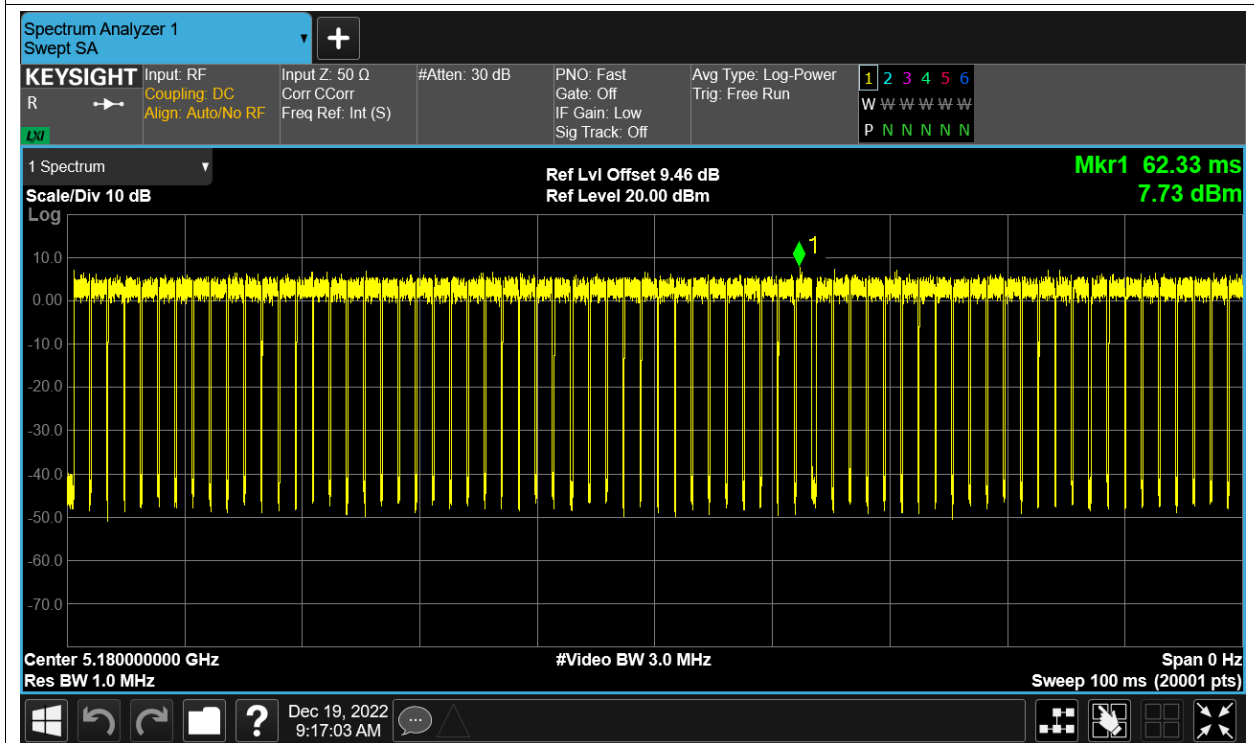
Duty Cycle NVNT a 5200MHz Ant1



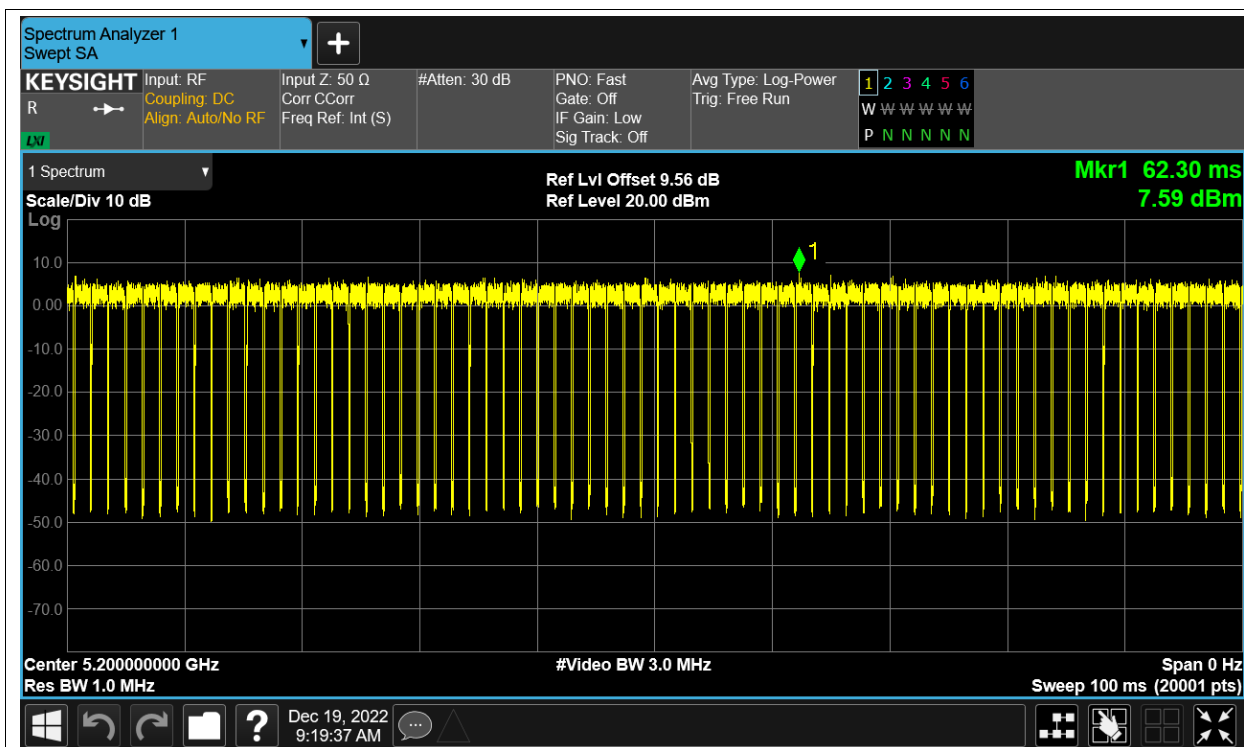
Duty Cycle NVNT a 5240MHz Ant1



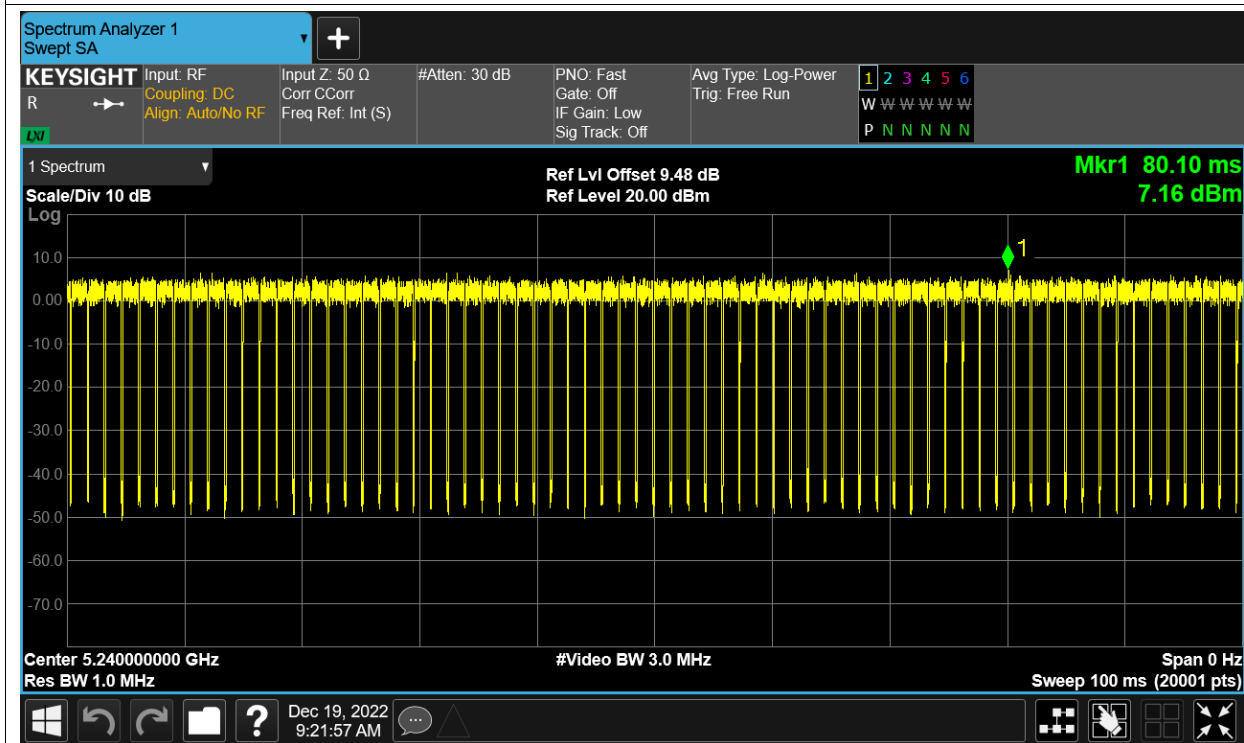
Duty Cycle NVNT ac20 5180MHz Ant1



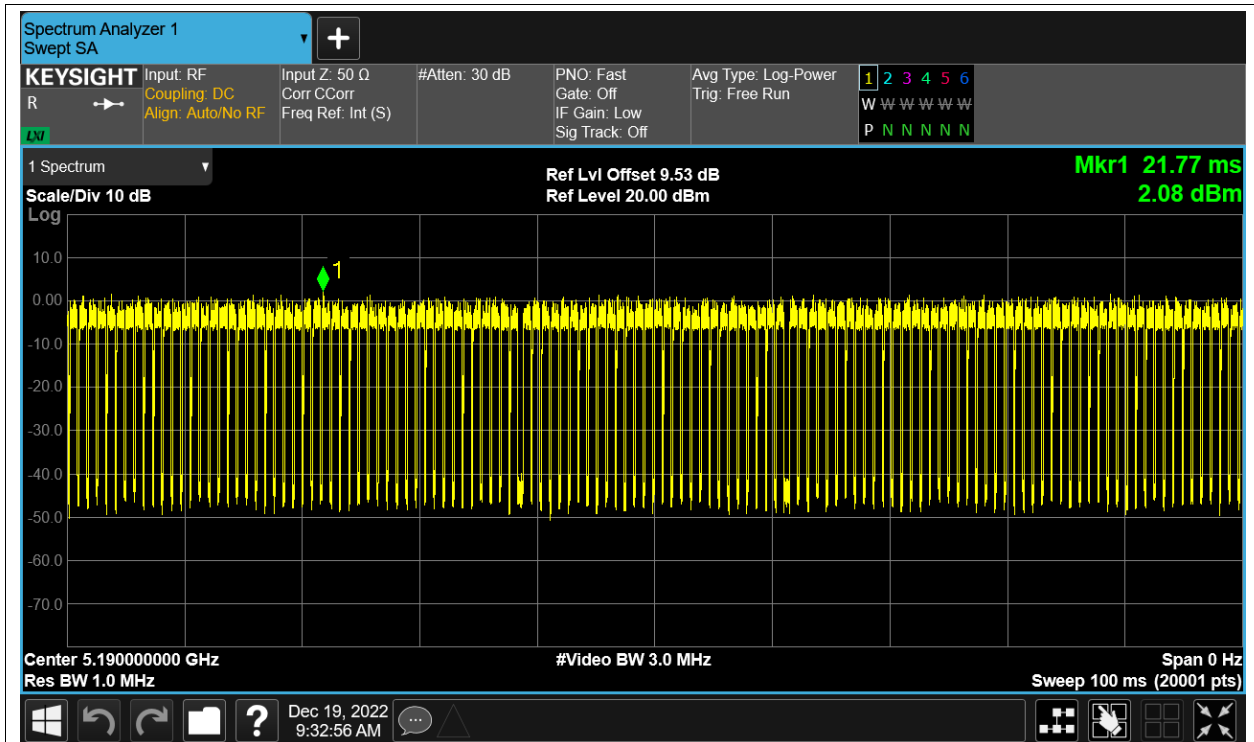
Duty Cycle NVNT ac20 5200MHz Ant1



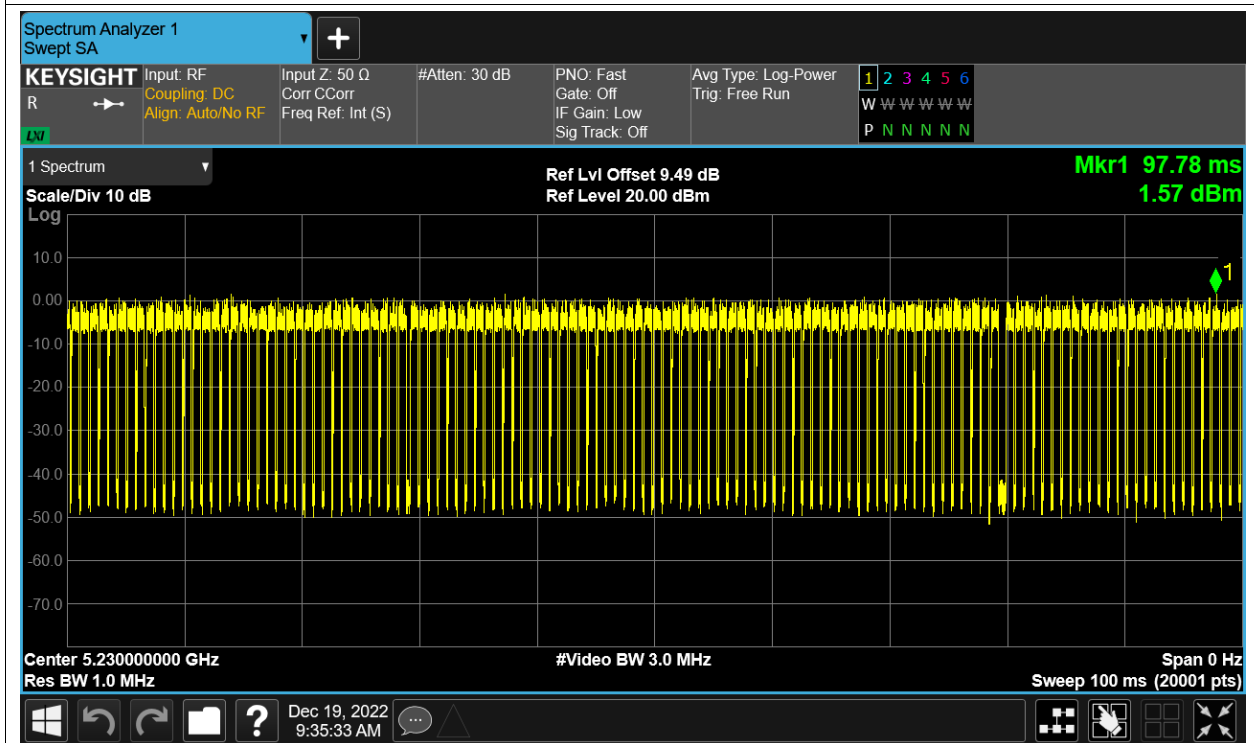
Duty Cycle NVNT ac20 5240MHz Ant1



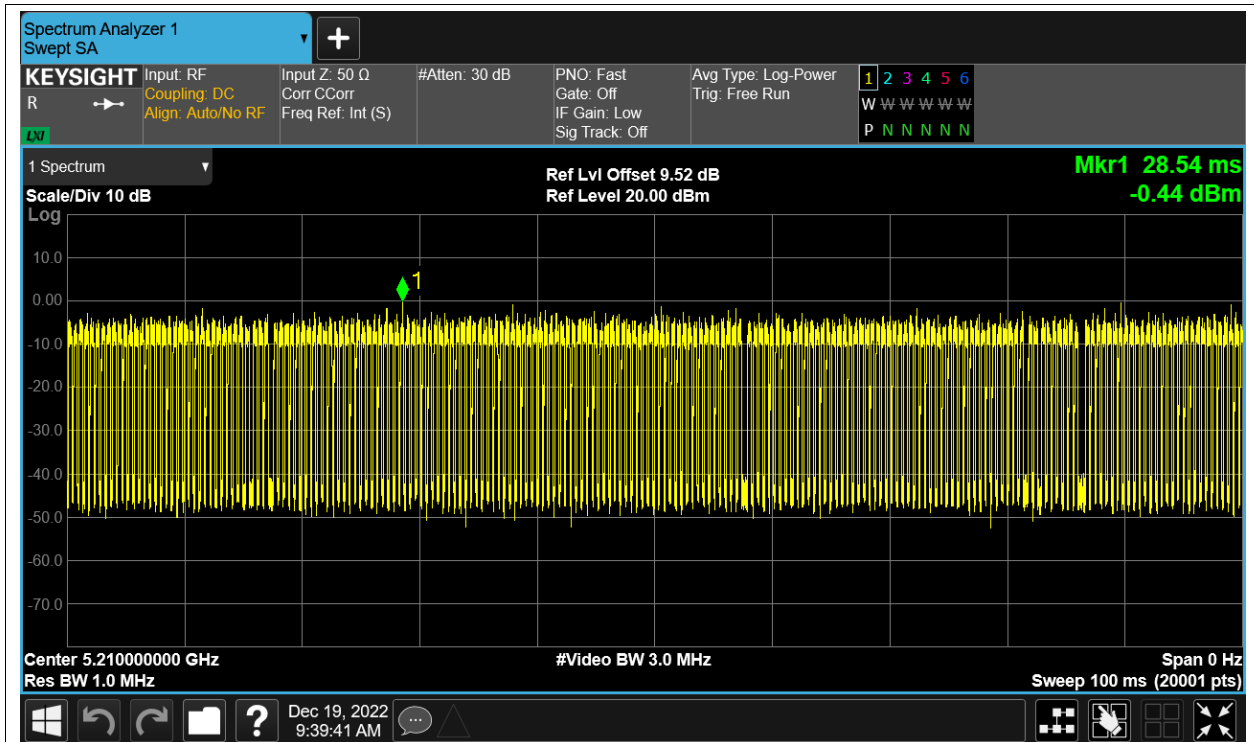
Duty Cycle NVNT ac40 5190MHz Ant1



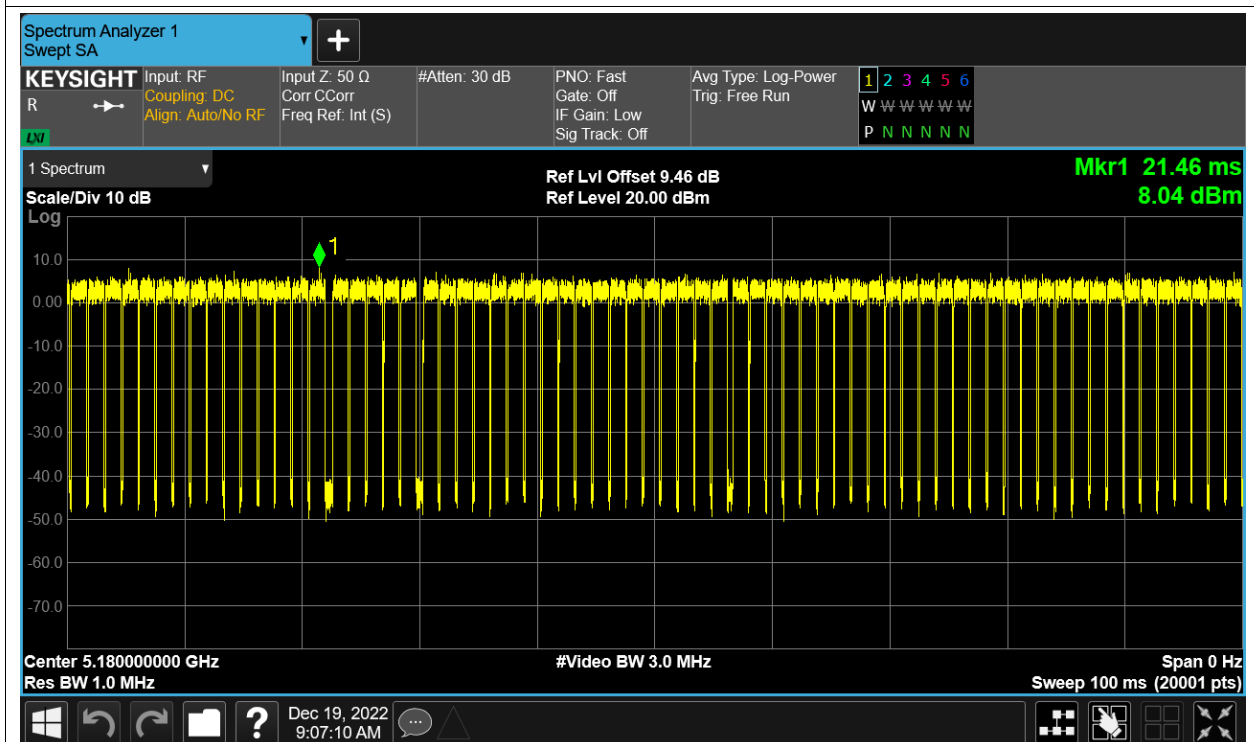
Duty Cycle NVNT ac40 5230MHz Ant1



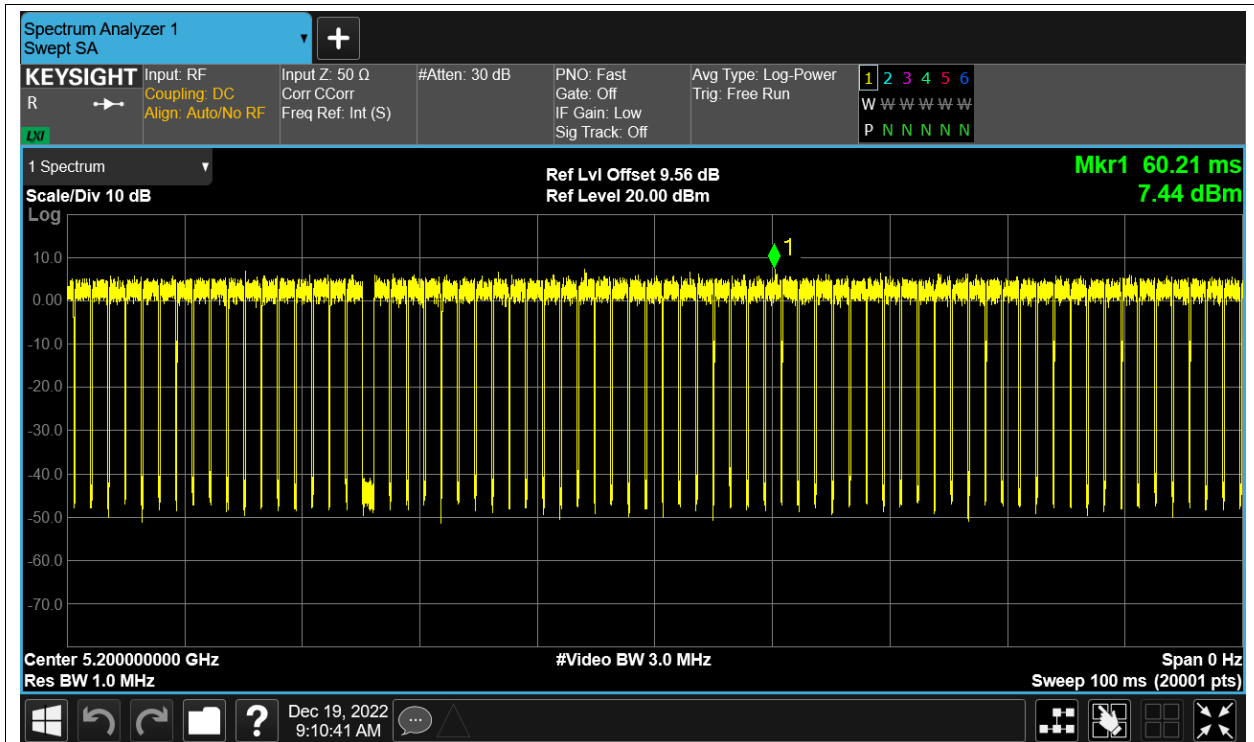
Duty Cycle NVNT ac80 5210MHz Ant1



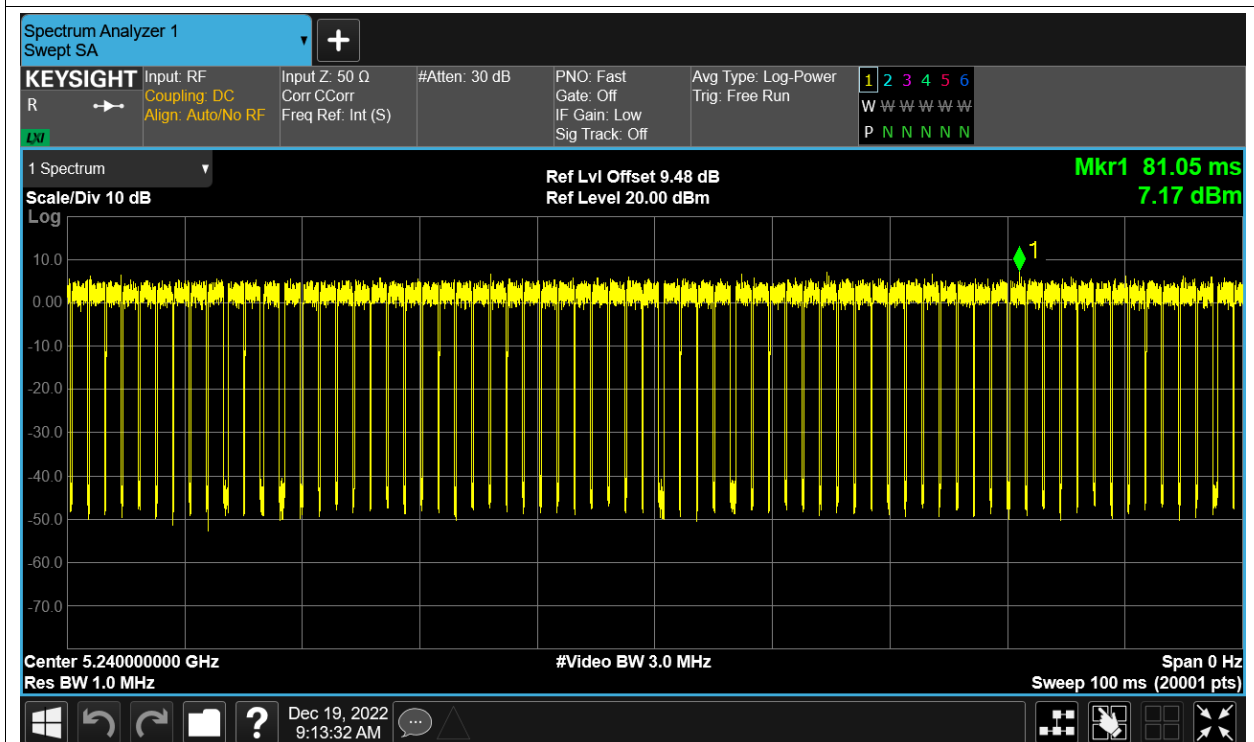
Duty Cycle NVNT n20 5180MHz Ant1



Duty Cycle NVNT n20 5200MHz Ant1



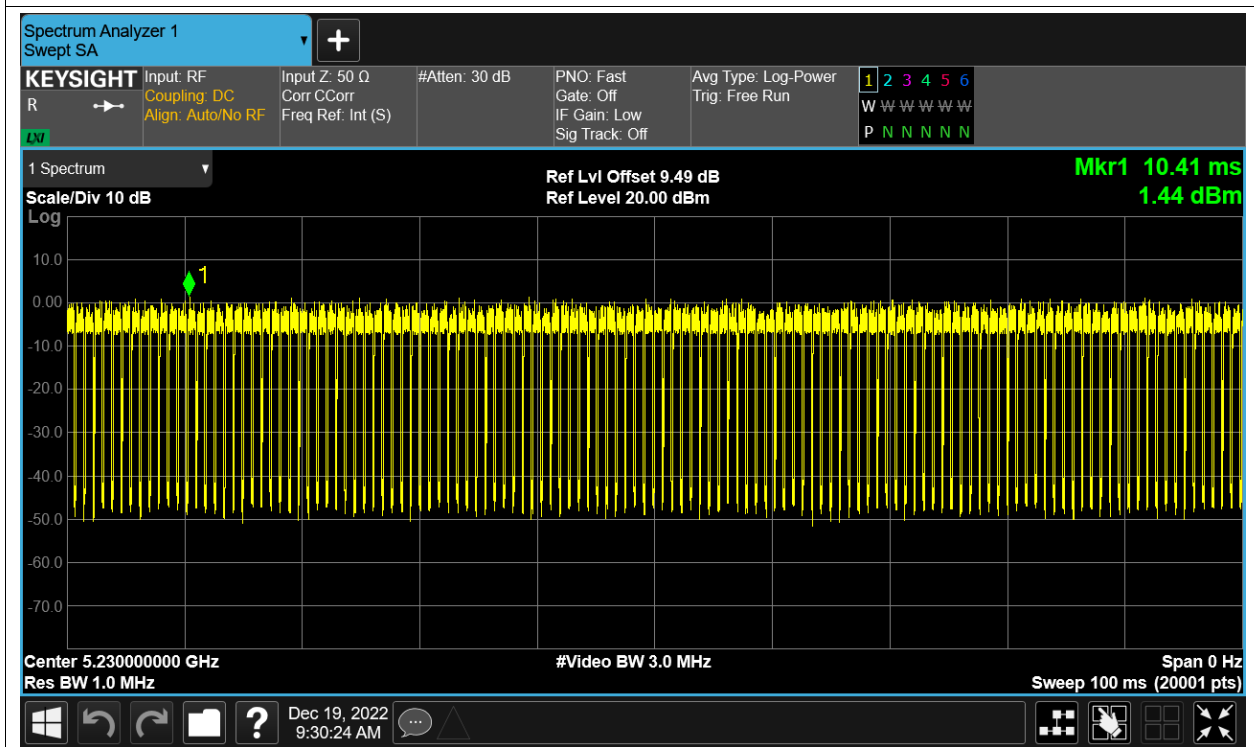
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

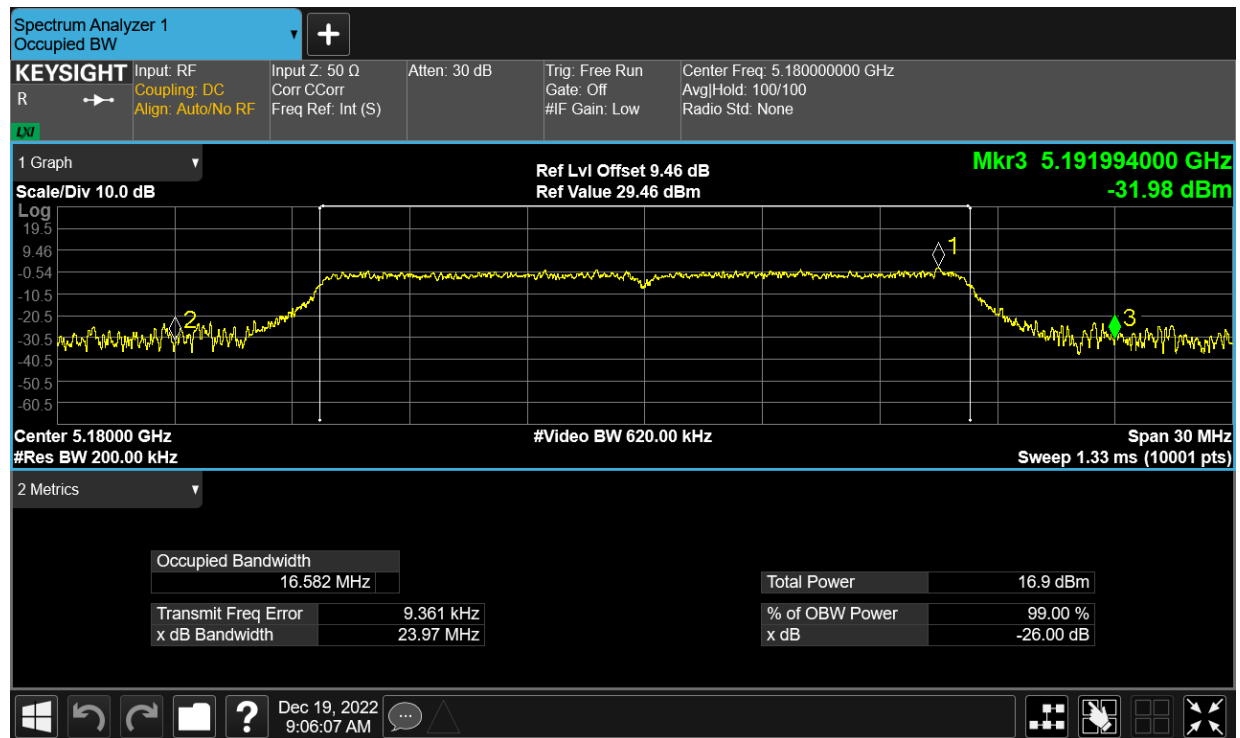
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.65	0.41	13.06	24	Pass
NVNT	a	5200	Ant1	12.08	0.43	12.51	24	Pass
NVNT	a	5240	Ant1	11.95	0.44	12.39	24	Pass
NVNT	ac20	5180	Ant1	12.6	0.48	13.08	24	Pass
NVNT	ac20	5200	Ant1	12.09	0.44	12.53	24	Pass
NVNT	ac20	5240	Ant1	11.9	0.44	12.34	24	Pass
NVNT	ac40	5190	Ant1	12.72	0.86	13.58	24	Pass
NVNT	ac40	5230	Ant1	12.34	0.86	13.2	24	Pass
NVNT	ac80	5210	Ant1	11.42	1.61	13.03	24	Pass
NVNT	n20	5180	Ant1	12.58	0.5	13.08	24	Pass
NVNT	n20	5200	Ant1	12.05	0.48	12.53	24	Pass
NVNT	n20	5240	Ant1	11.92	0.53	12.45	24	Pass
NVNT	n40	5190	Ant1	12.77	0.88	13.65	24	Pass
NVNT	n40	5230	Ant1	12.27	0.84	13.11	24	Pass

-26dB Bandwidth

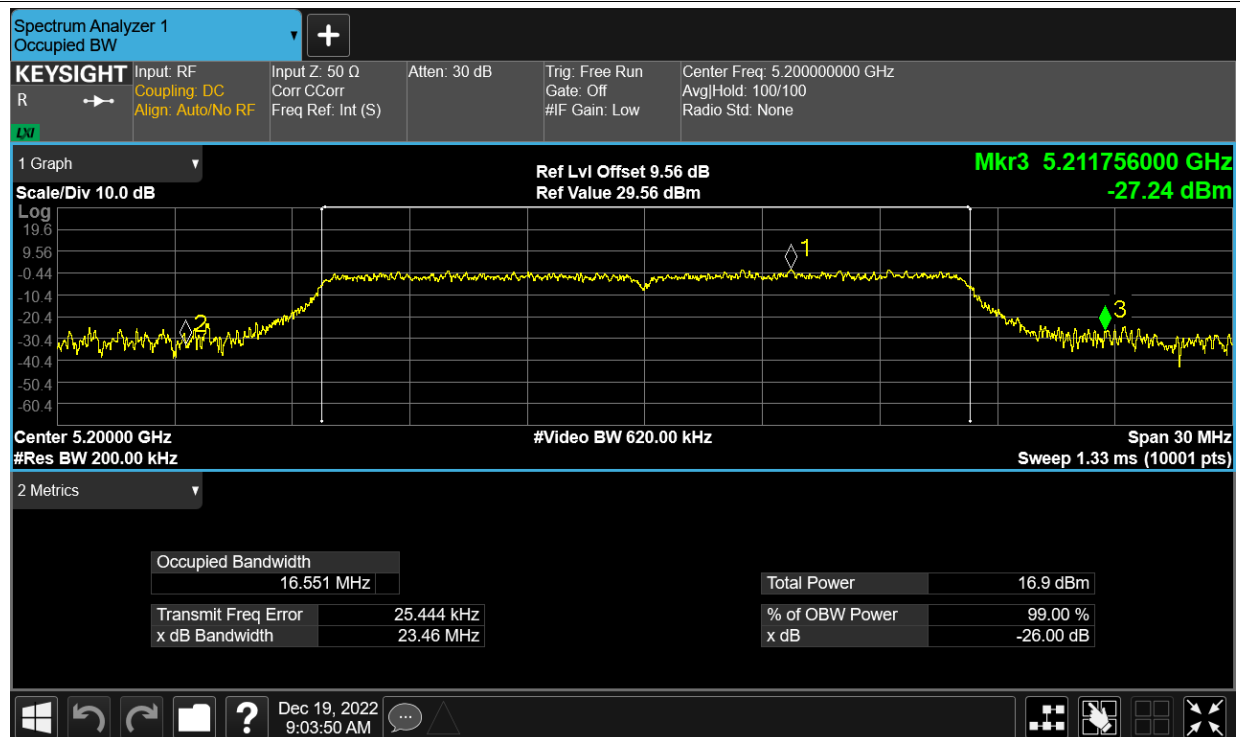
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	23.97
NVNT	a	5200	Ant1	23.462
NVNT	a	5240	Ant1	24.791
NVNT	ac20	5180	Ant1	22.169
NVNT	ac20	5200	Ant1	26.18
NVNT	ac20	5240	Ant1	24.495
NVNT	ac40	5190	Ant1	46.279
NVNT	ac40	5230	Ant1	42.235
NVNT	ac80	5210	Ant1	77.893
NVNT	n20	5180	Ant1	28.071
NVNT	n20	5200	Ant1	28.365
NVNT	n20	5240	Ant1	28.174
NVNT	n40	5190	Ant1	55.489
NVNT	n40	5230	Ant1	57.197

Test Graphs

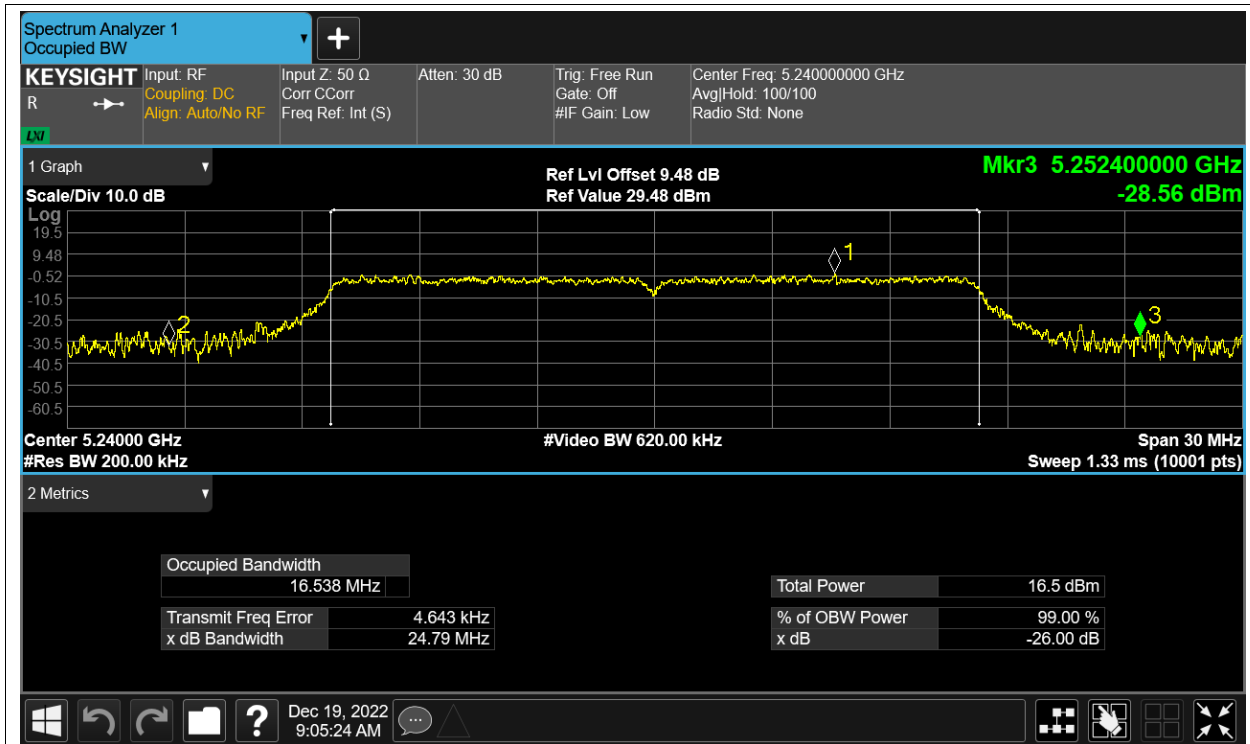
-26dB Bandwidth NVNT a 5180MHz Ant1



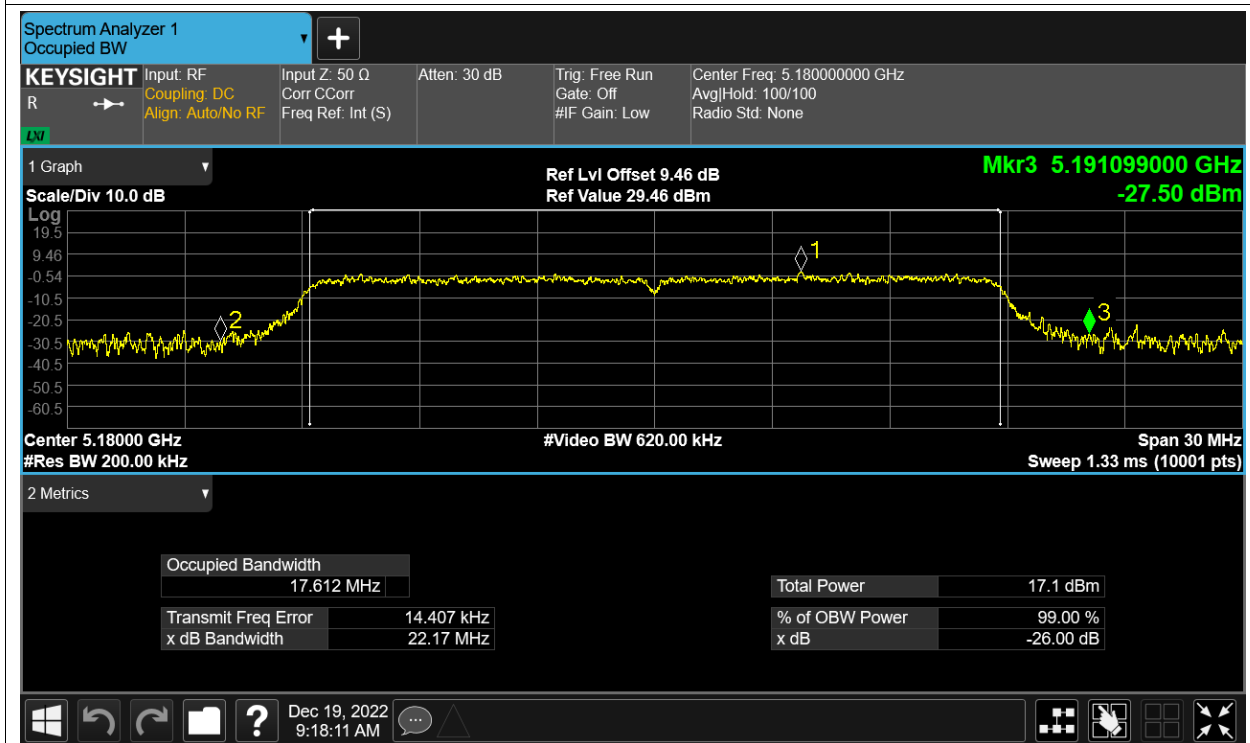
-26dB Bandwidth NVNT a 5200MHz Ant1



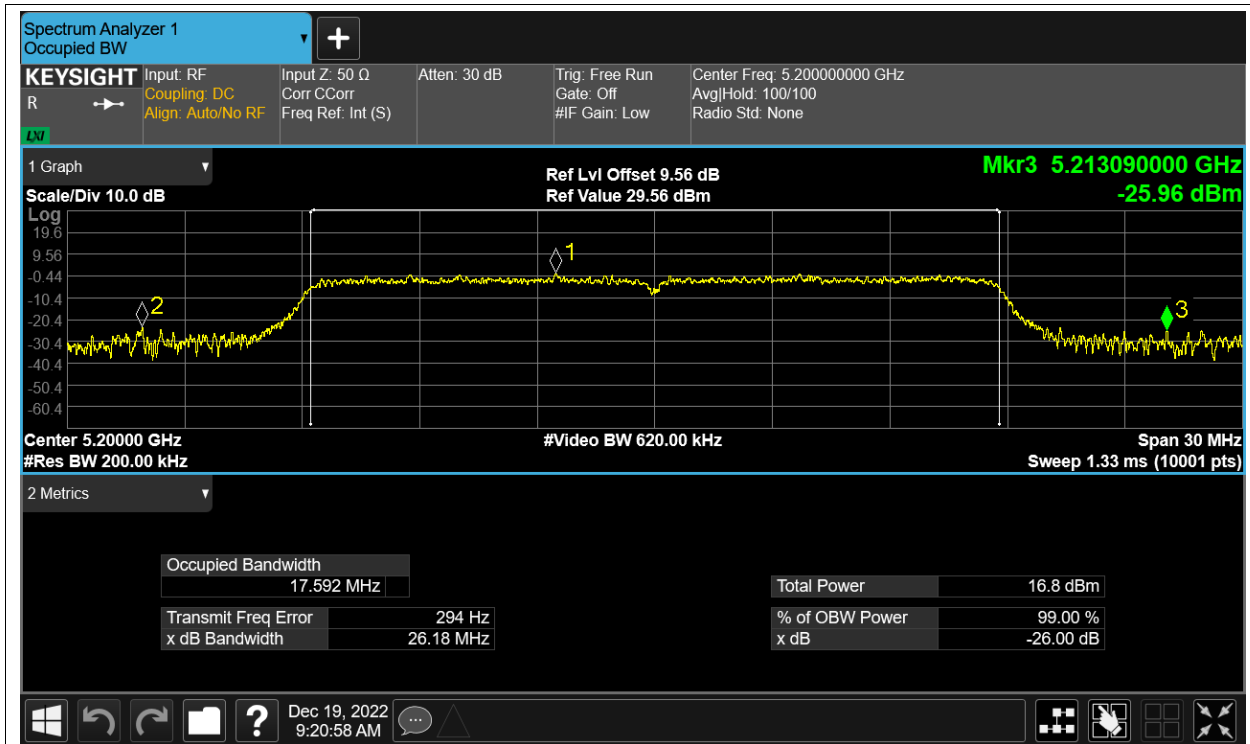
-26dB Bandwidth NVNT a 5240MHz Ant1



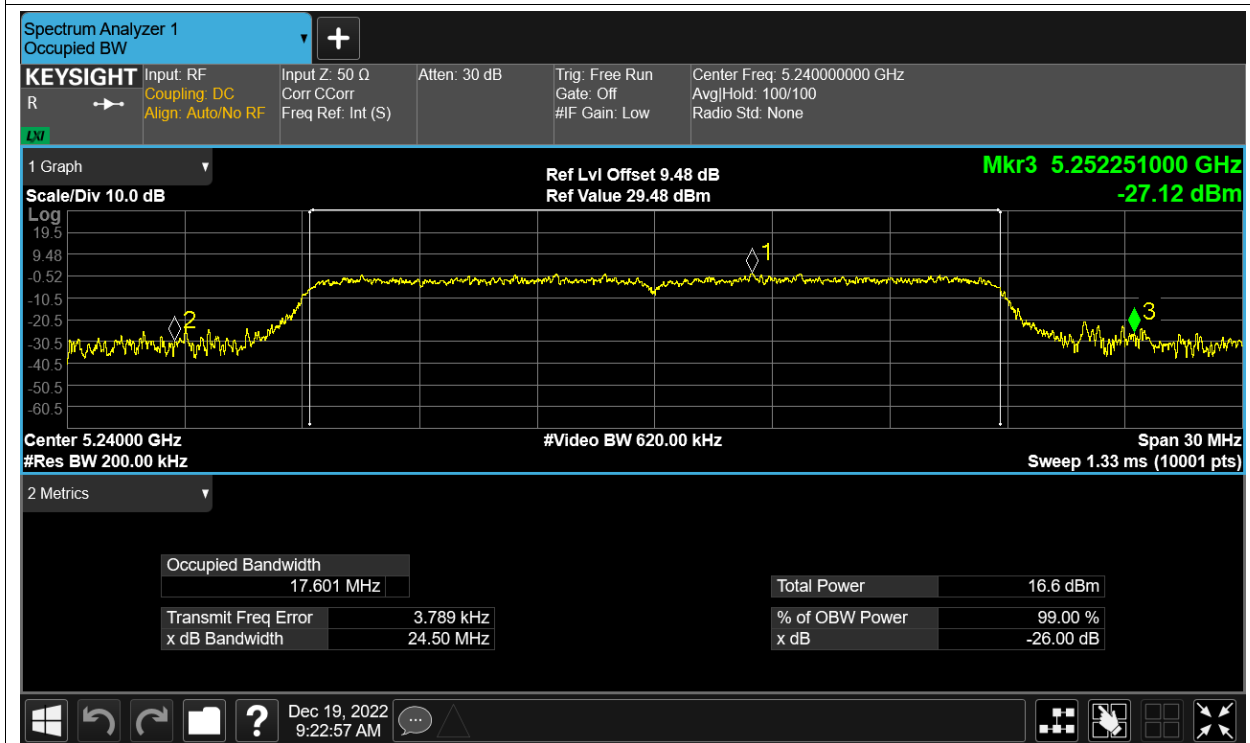
-26dB Bandwidth NVNT ac20 5180MHz Ant1



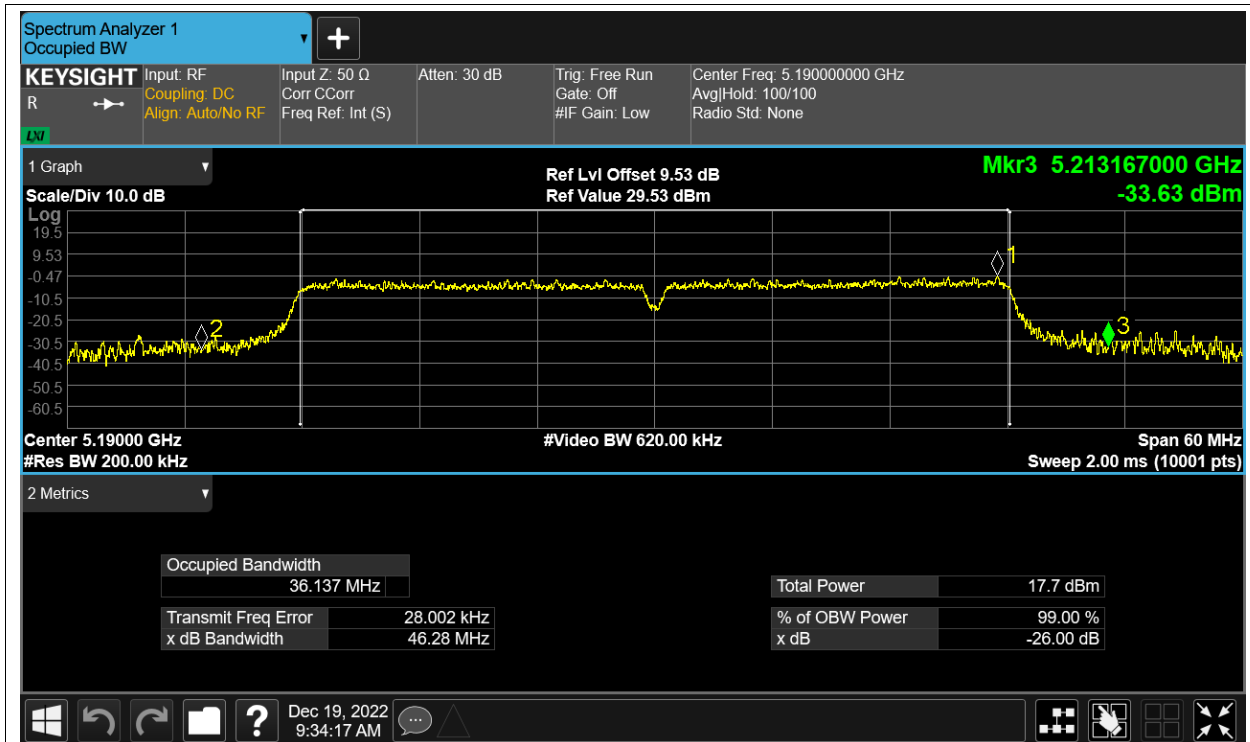
-26dB Bandwidth NVNT ac20 5200MHz Ant1



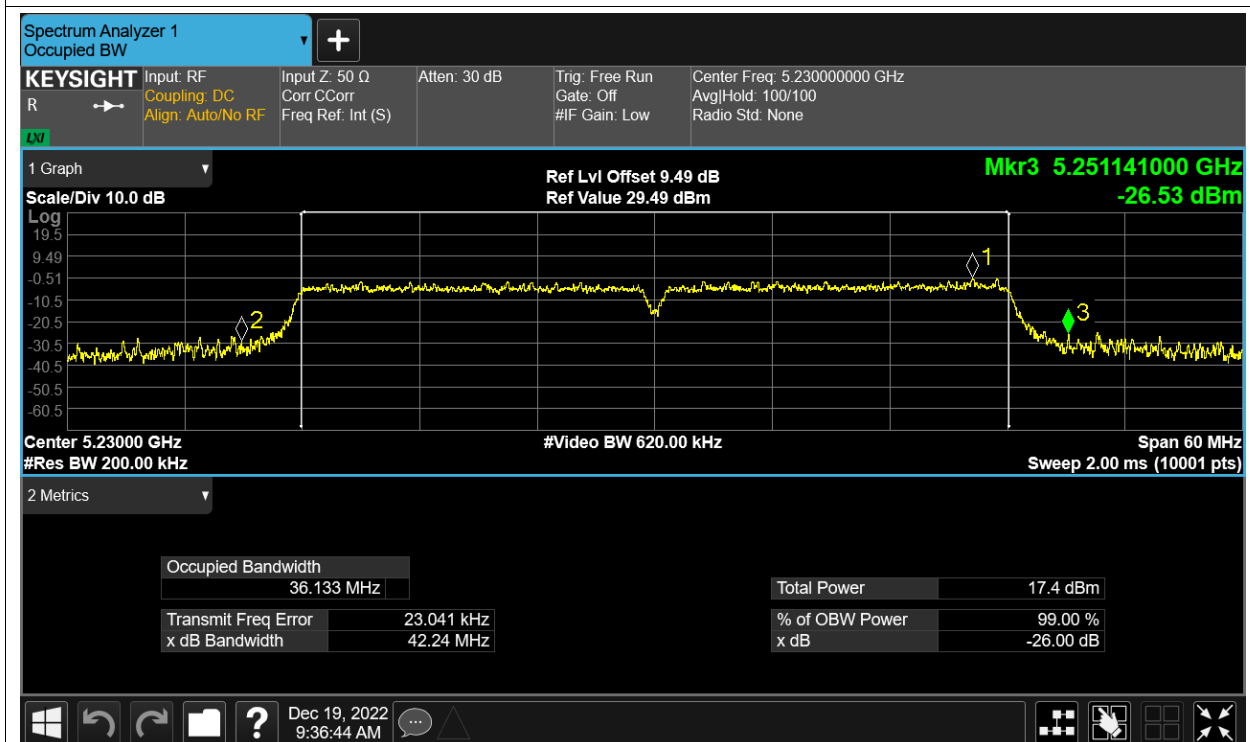
-26dB Bandwidth NVNT ac20 5240MHz Ant1



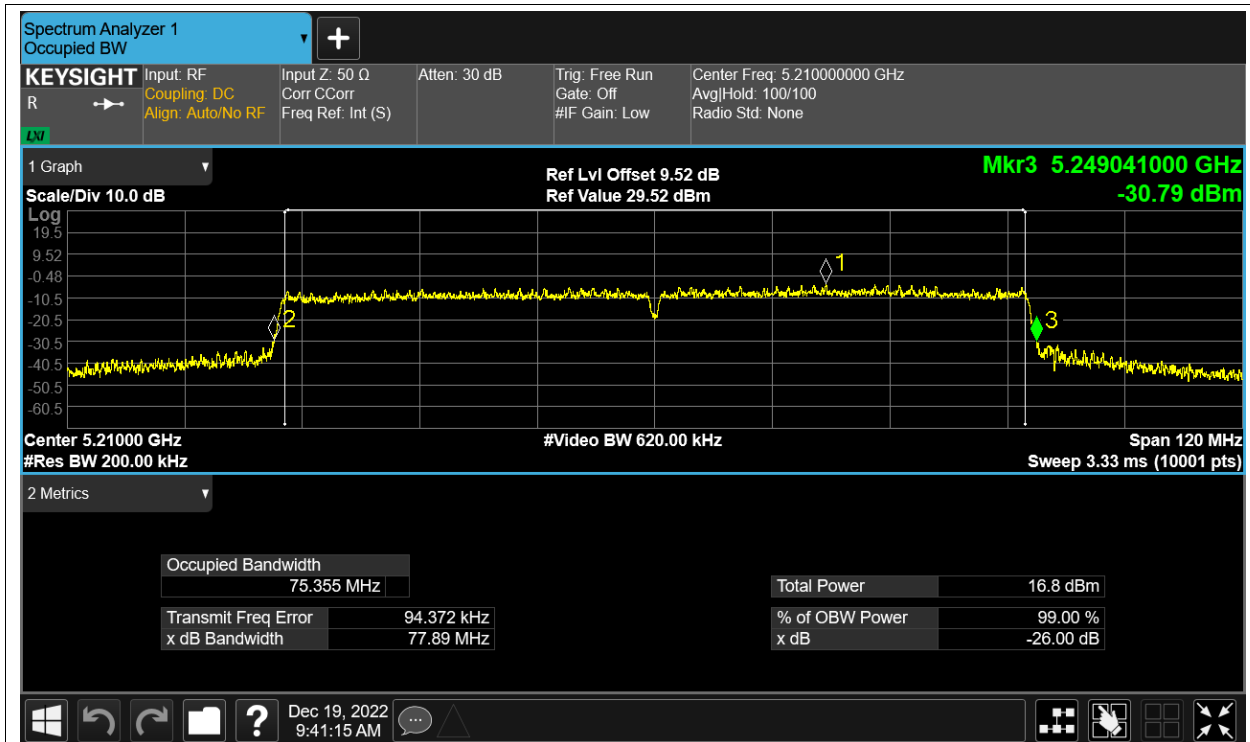
-26dB Bandwidth NVNT ac40 5190MHz Ant1



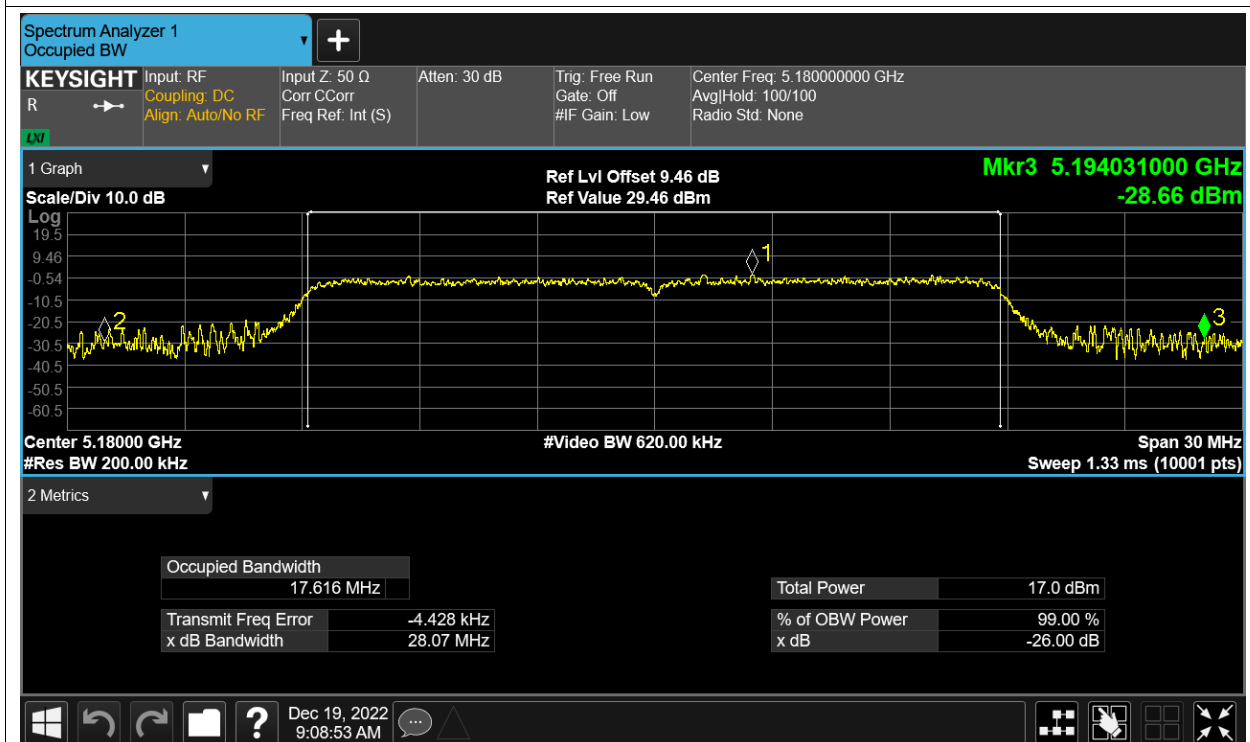
-26dB Bandwidth NVNT ac40 5230MHz Ant1



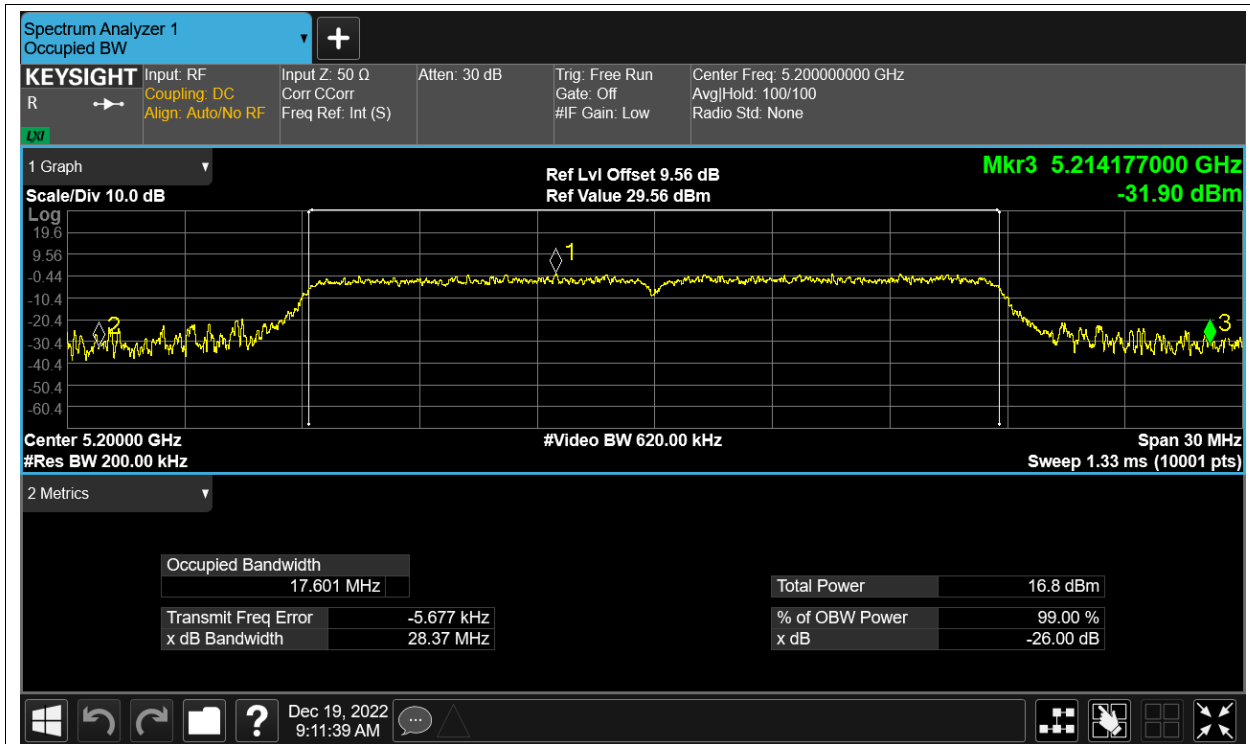
-26dB Bandwidth NVNT ac80 5210MHz Ant1



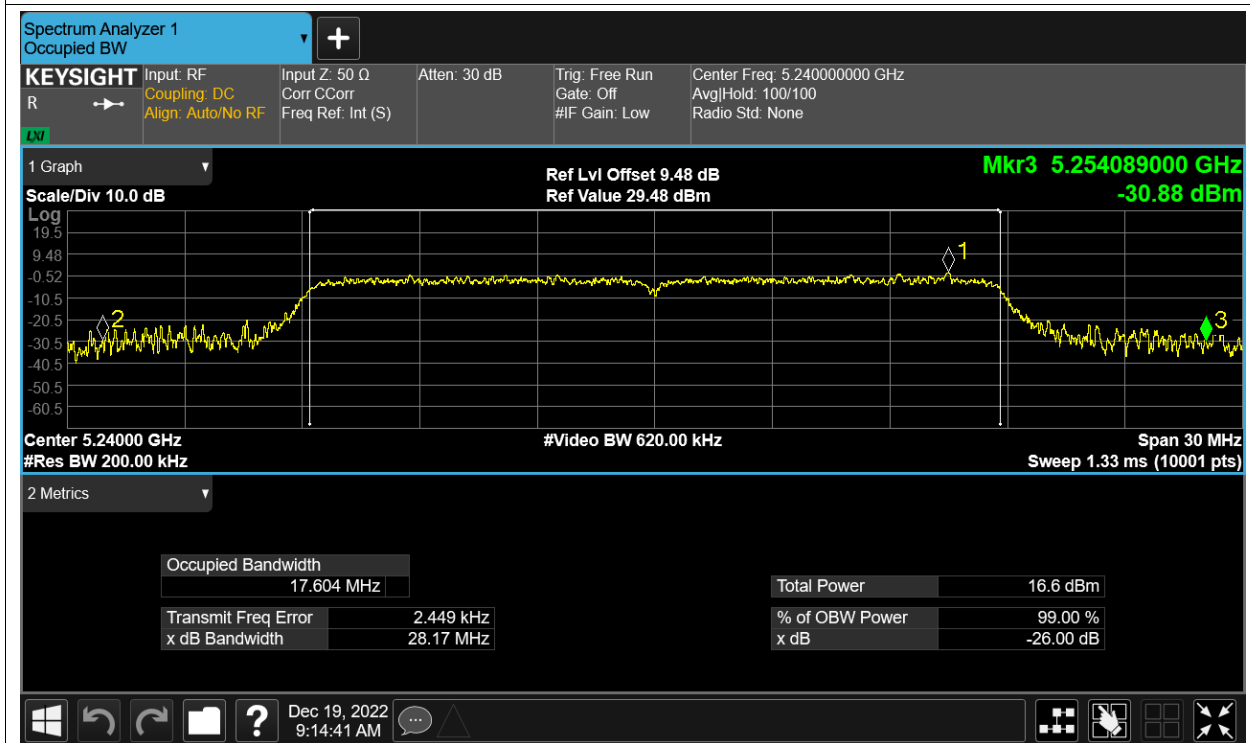
-26dB Bandwidth NVNT n20 5180MHz Ant1



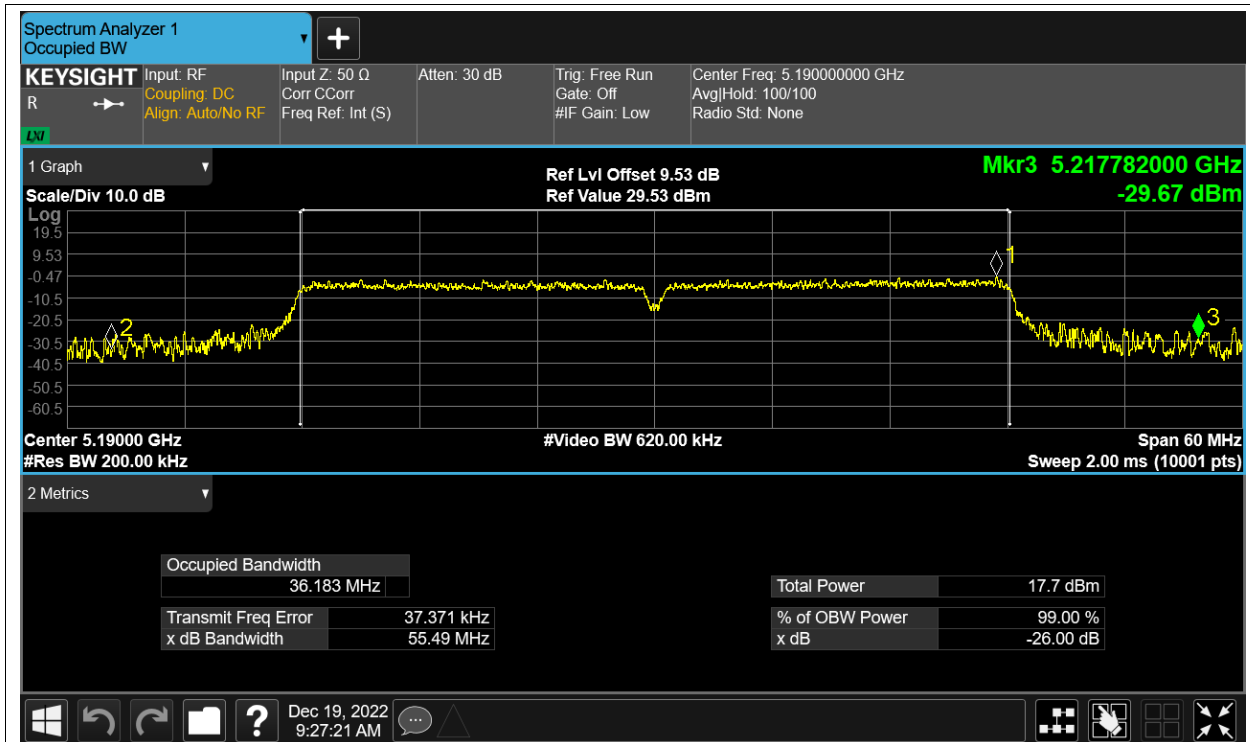
-26dB Bandwidth NVNT n20 5200MHz Ant1



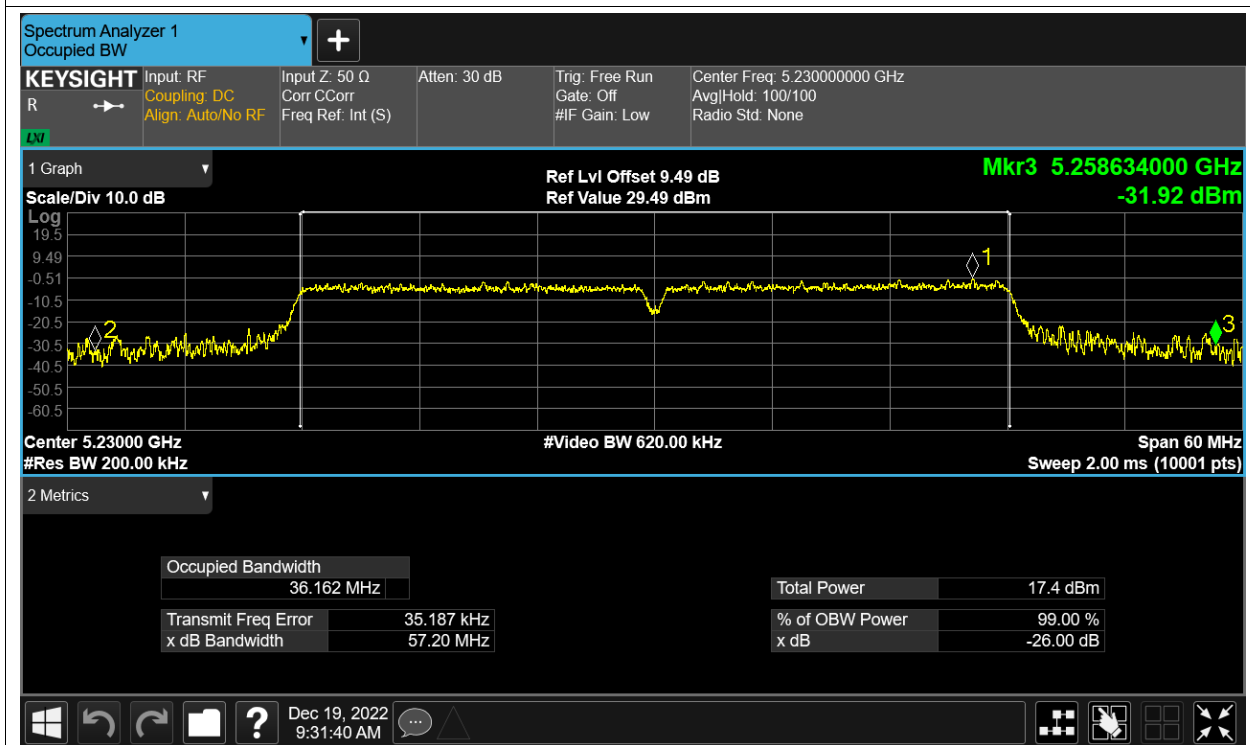
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

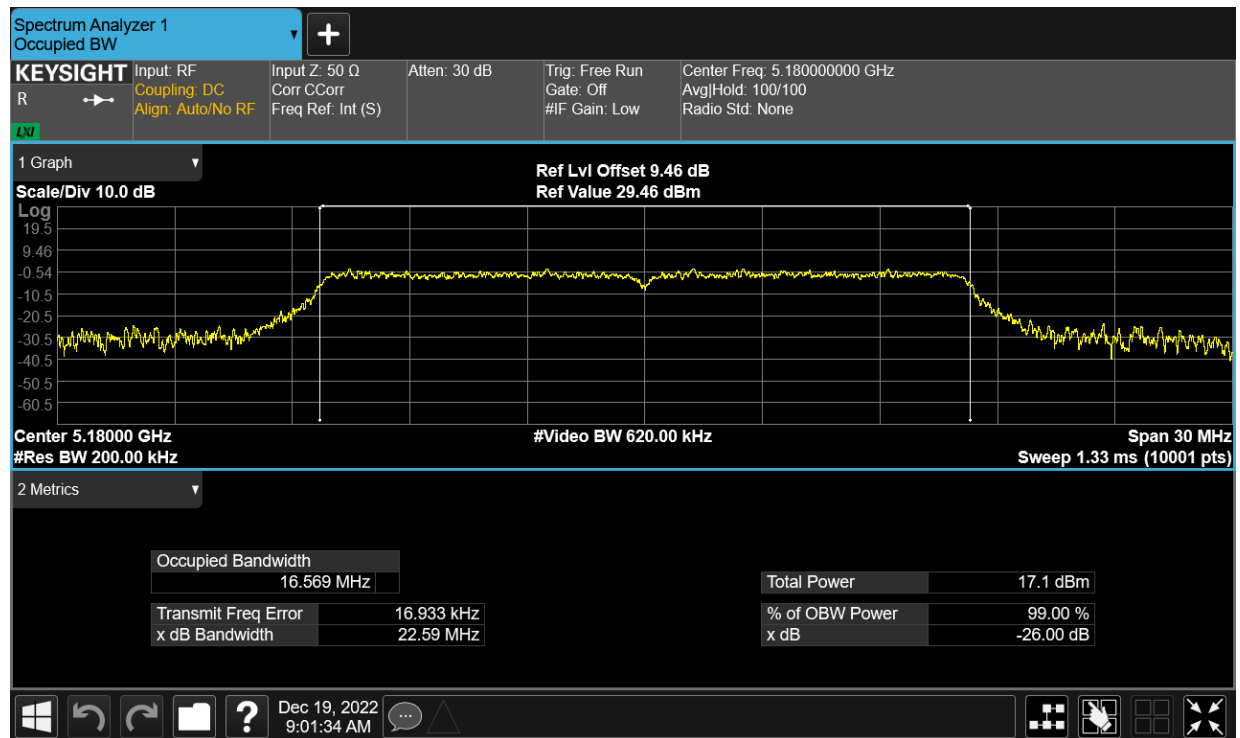


Occupied Channel Bandwidth

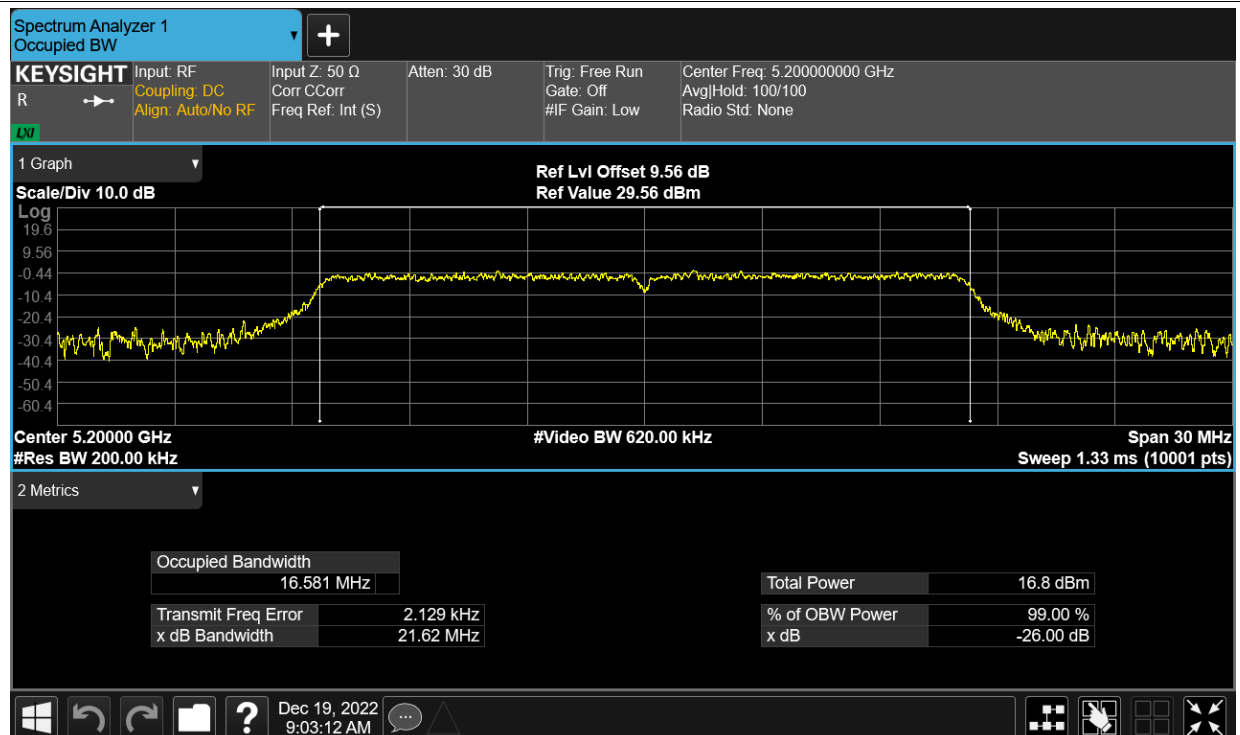
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.569
NVNT	a	5200	Ant1	16.581
NVNT	a	5240	Ant1	16.535
NVNT	ac20	5180	Ant1	17.585
NVNT	ac20	5200	Ant1	17.598
NVNT	ac20	5240	Ant1	17.598
NVNT	ac40	5190	Ant1	36.269
NVNT	ac40	5230	Ant1	36.317
NVNT	ac80	5210	Ant1	75.389
NVNT	n20	5180	Ant1	17.612
NVNT	n20	5200	Ant1	17.605
NVNT	n20	5240	Ant1	17.626
NVNT	n40	5190	Ant1	36.292
NVNT	n40	5230	Ant1	36.335

Test Graphs

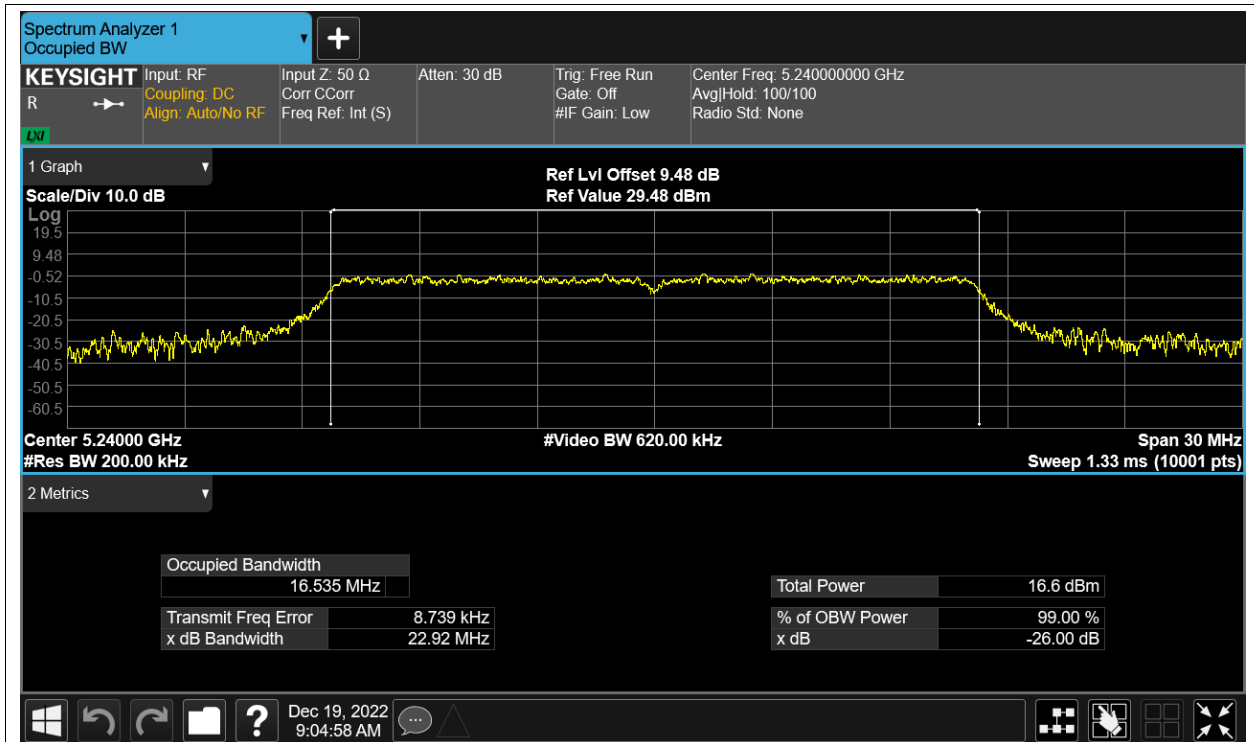
OBW NVNT a 5180MHz Ant1



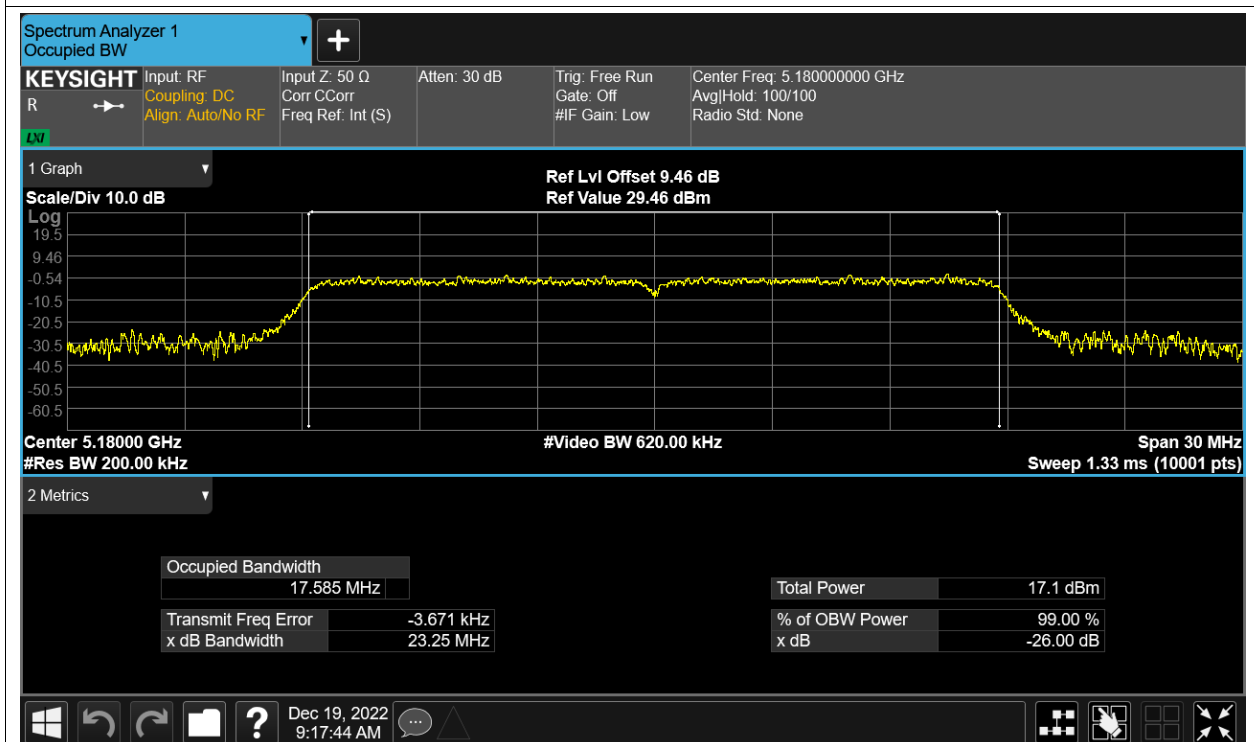
OBW NVNT a 5200MHz Ant1



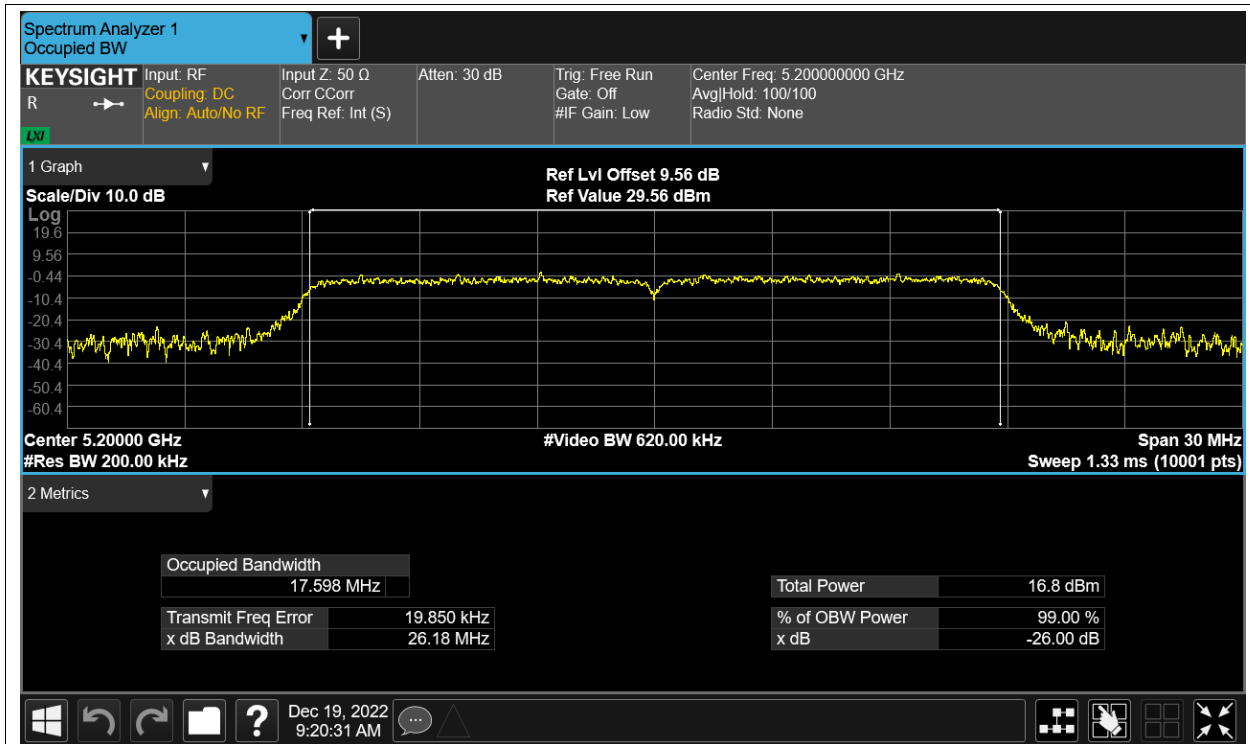
OBW NVNT a 5240MHz Ant1



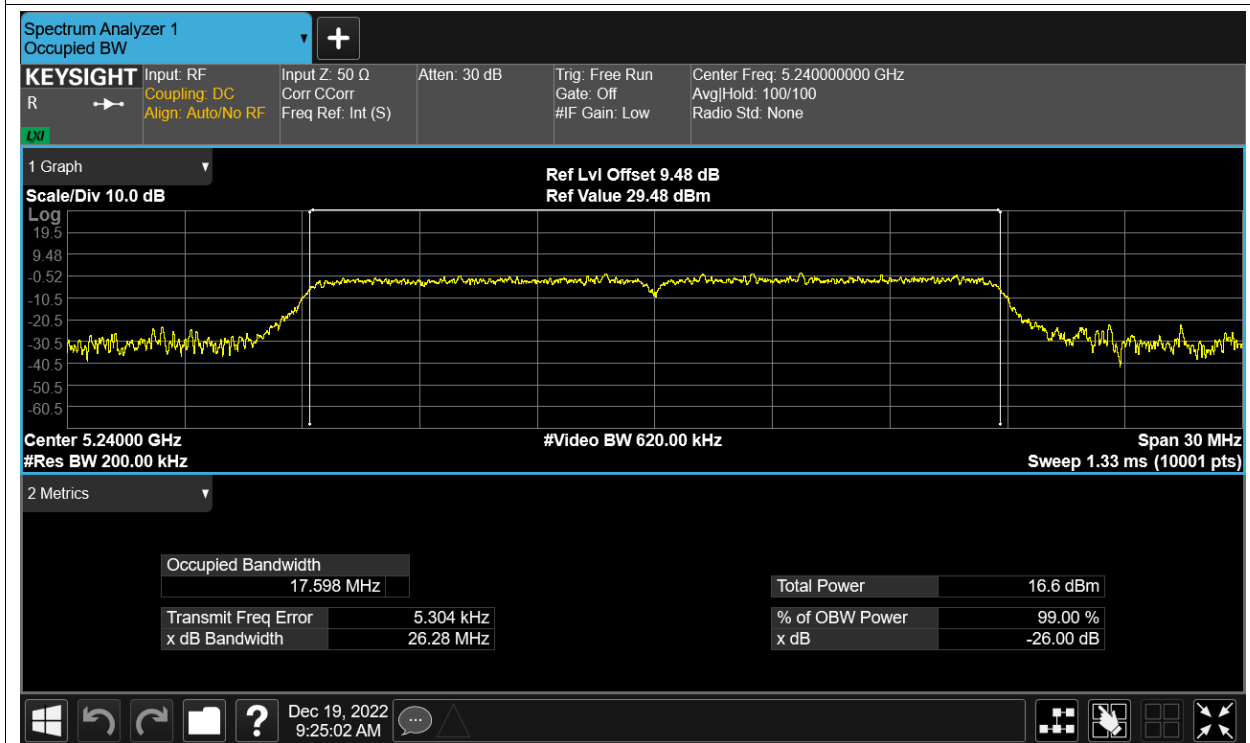
OBW NVNT ac20 5180MHz Ant1



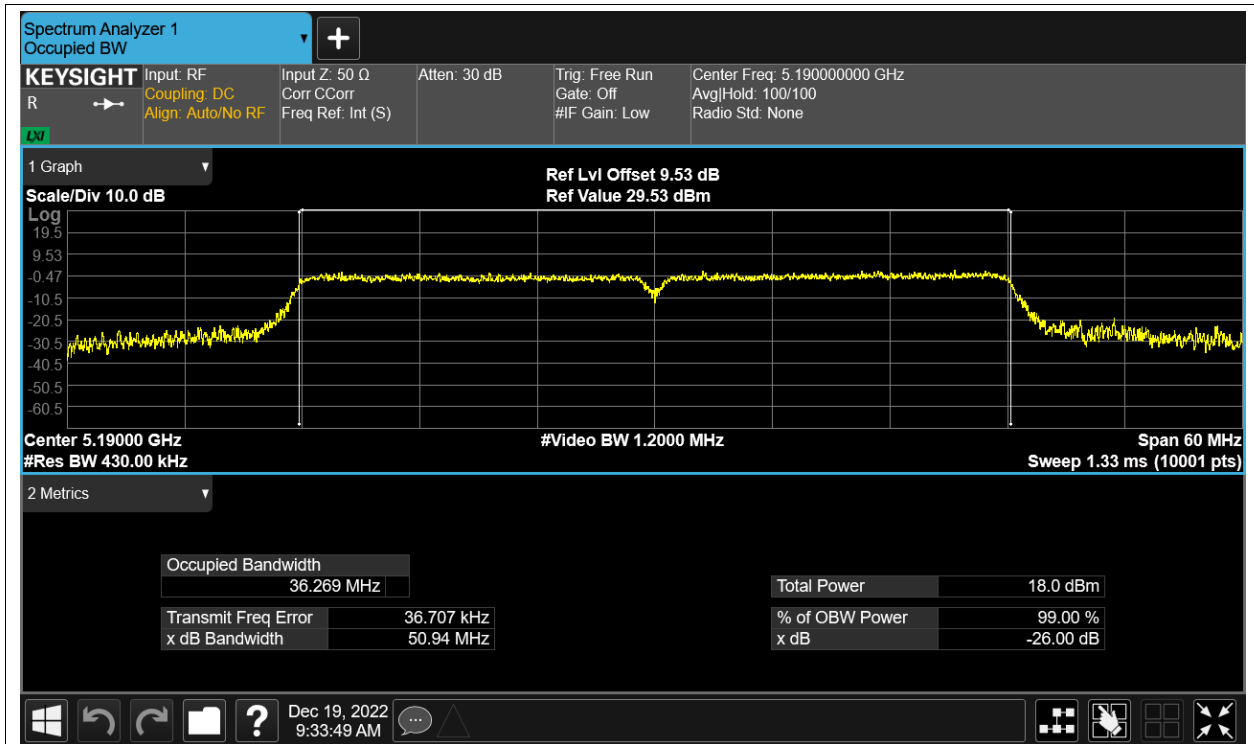
OBW NVNT ac20 5200MHz Ant1



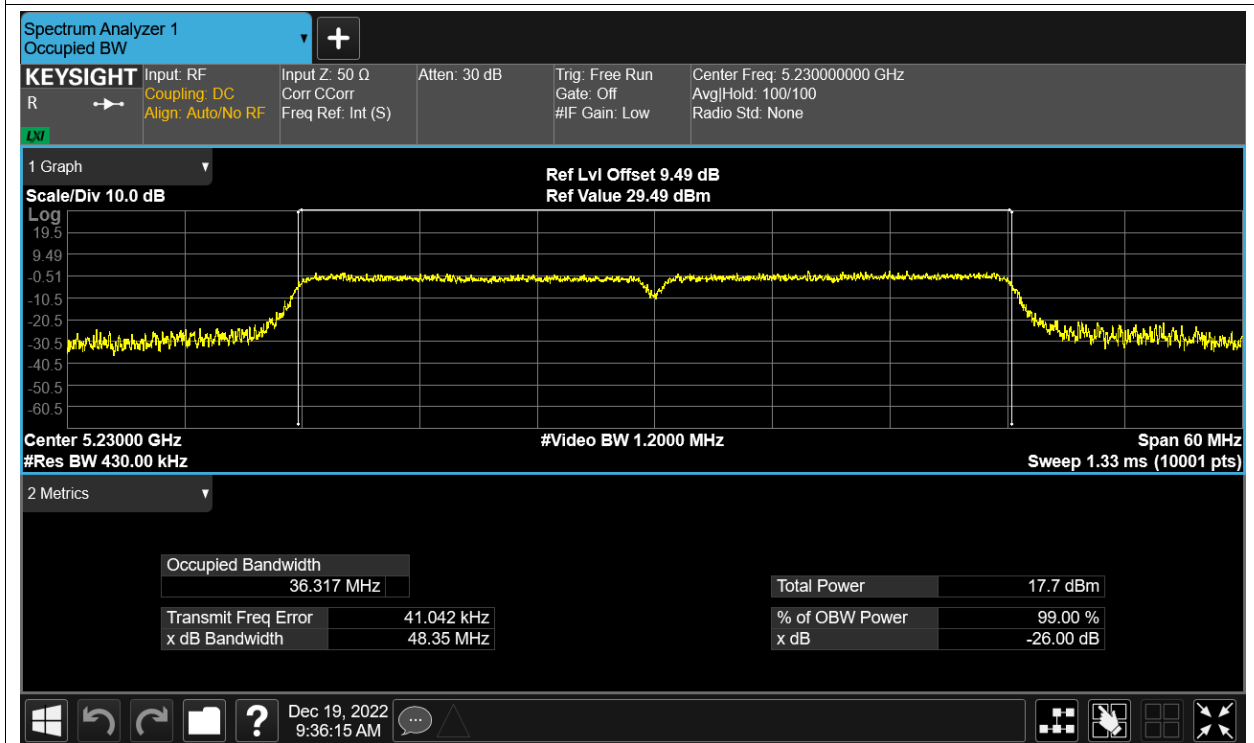
OBW NVNT ac20 5240MHz Ant1



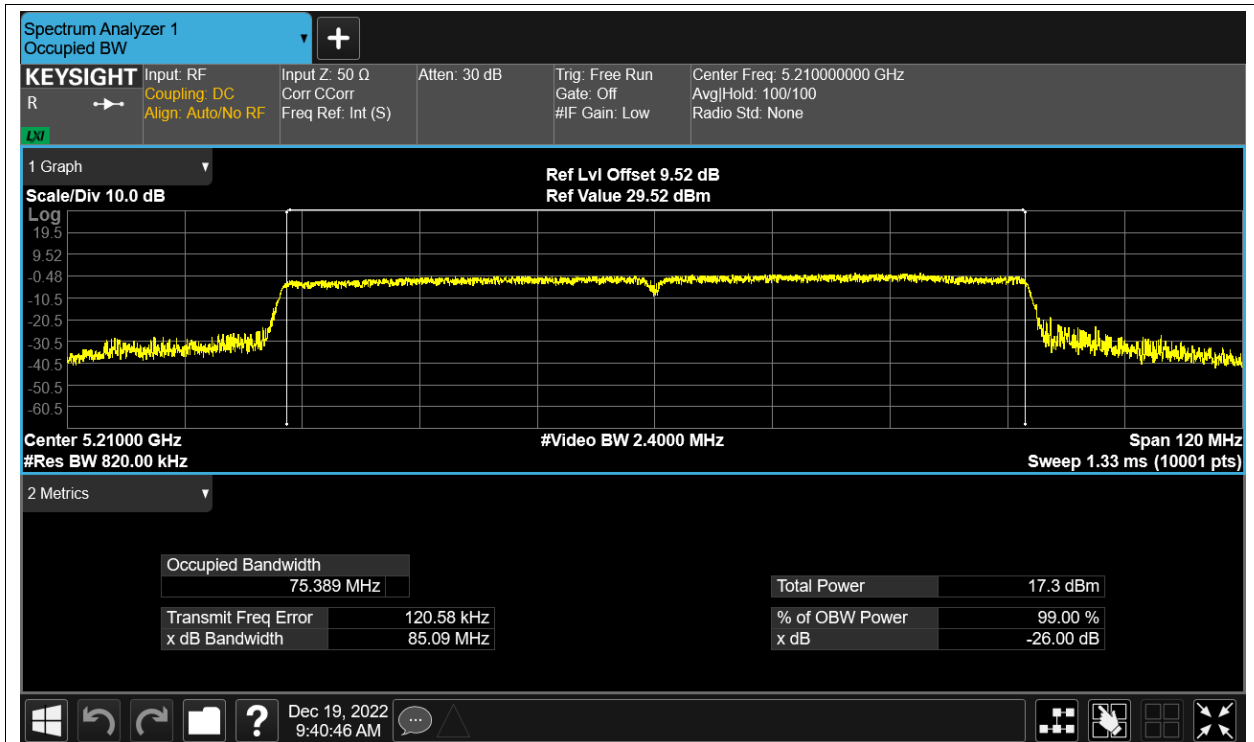
OBW NVNT ac40 5190MHz Ant1



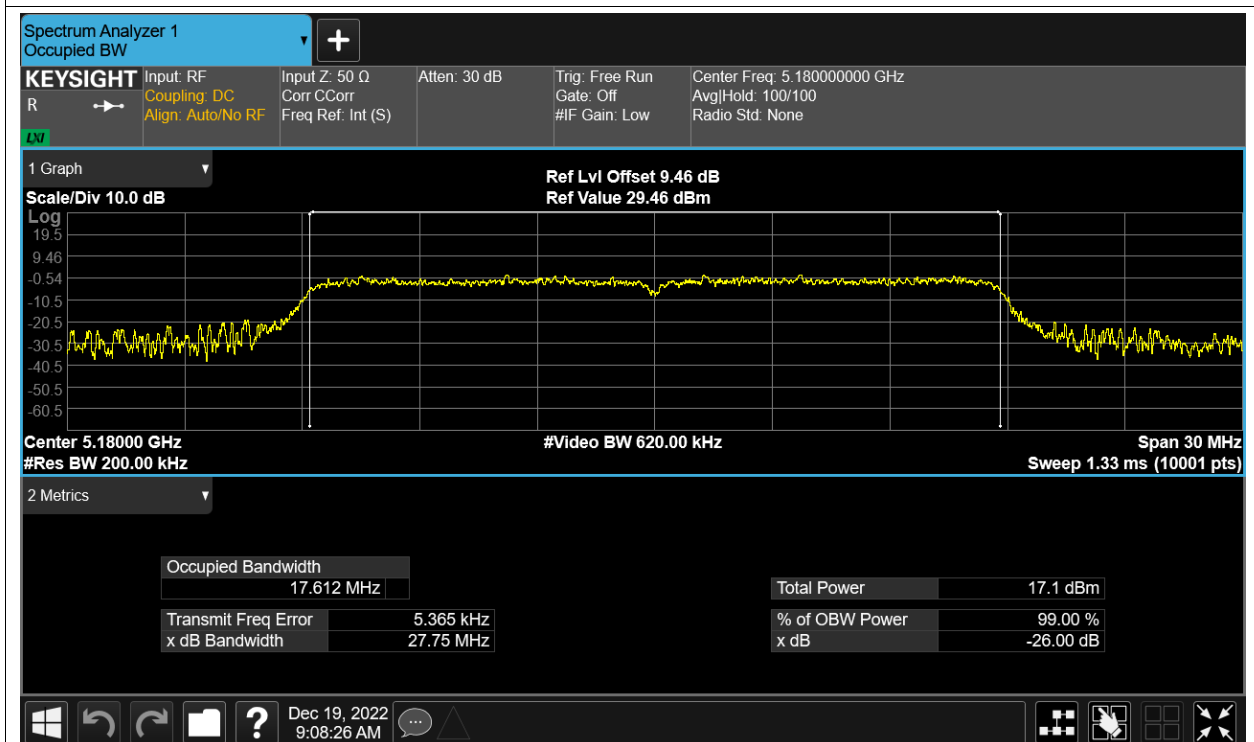
OBW NVNT ac40 5230MHz Ant1



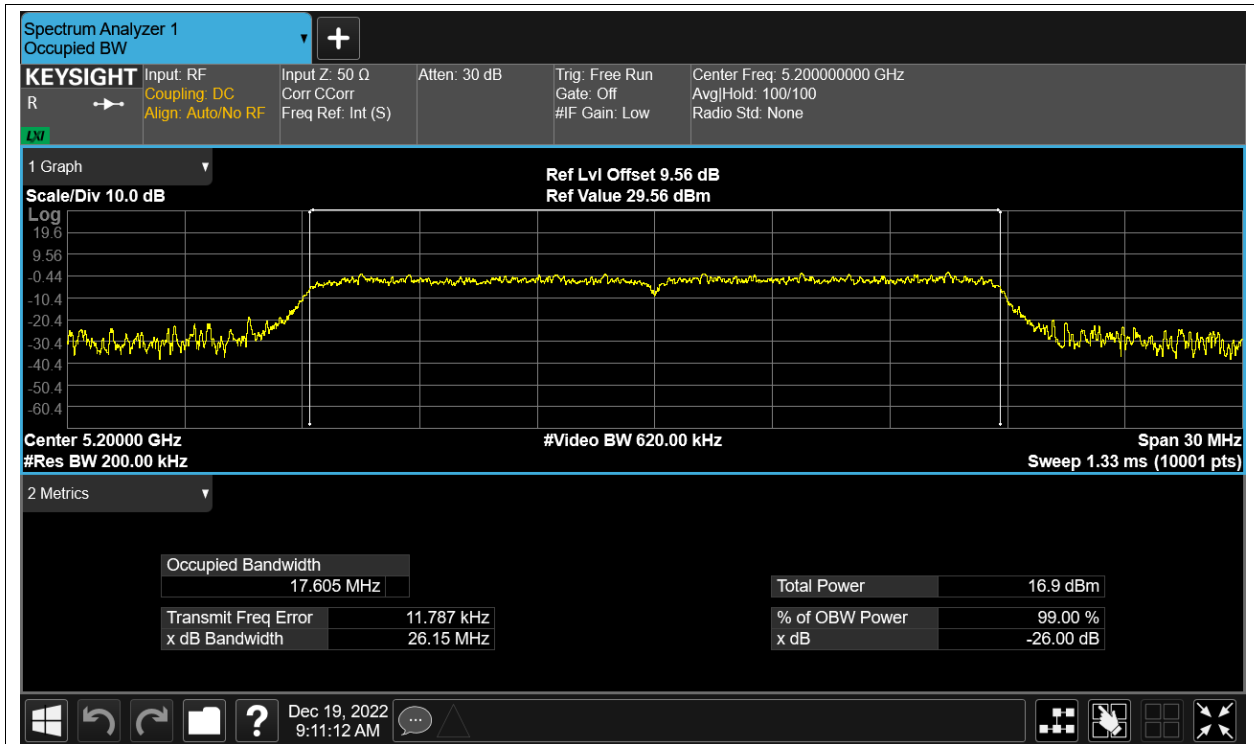
OBW NVNT ac80 5210MHz Ant1



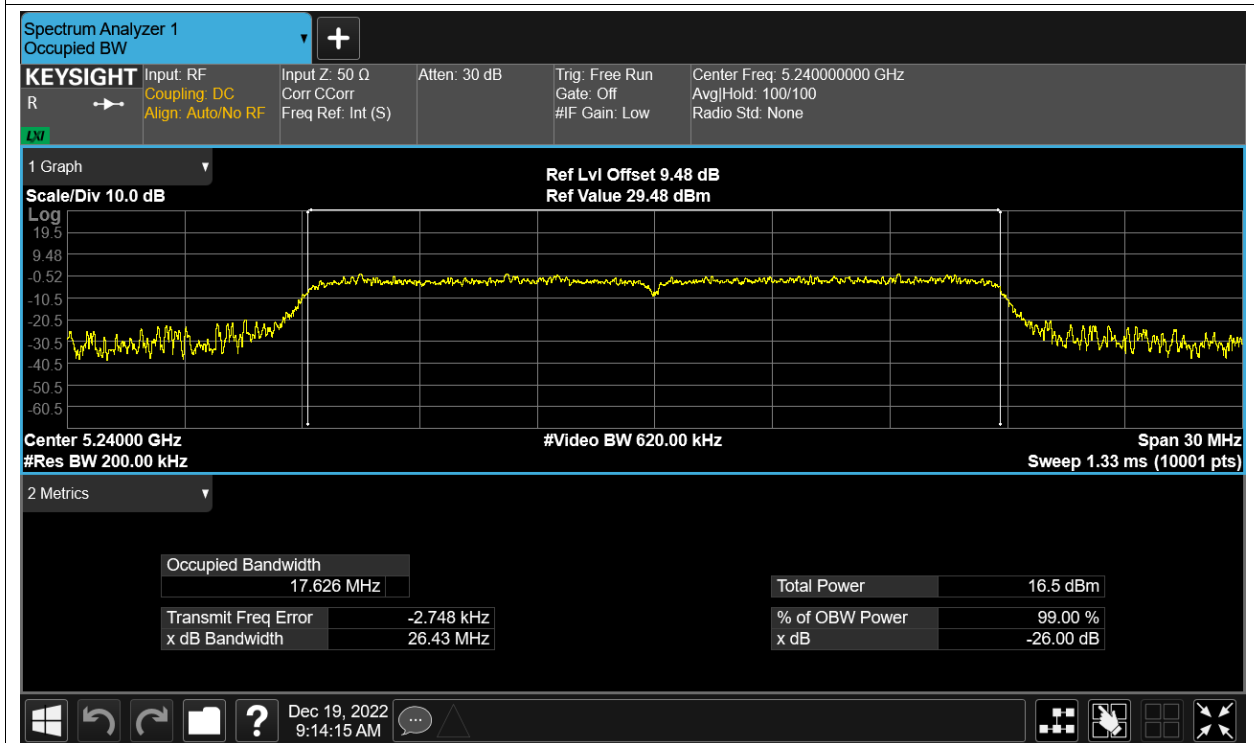
OBW NVNT n20 5180MHz Ant1



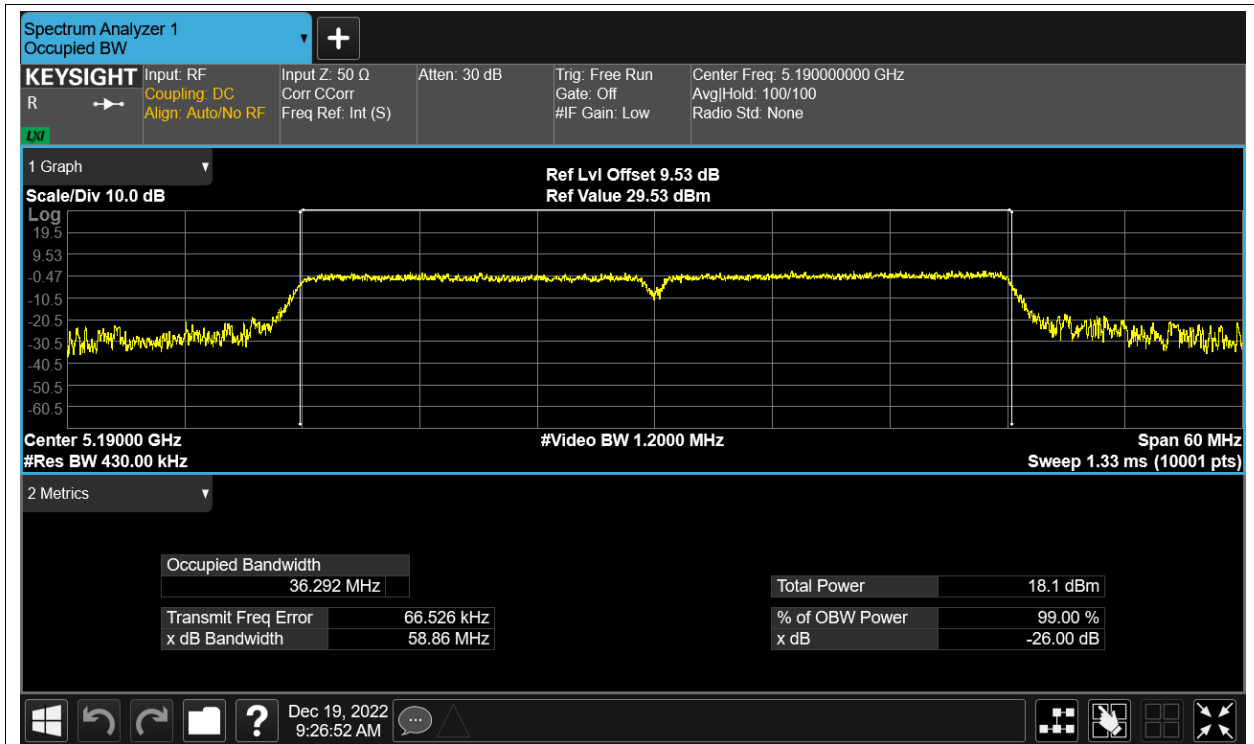
OBW NVNT n20 5200MHz Ant1



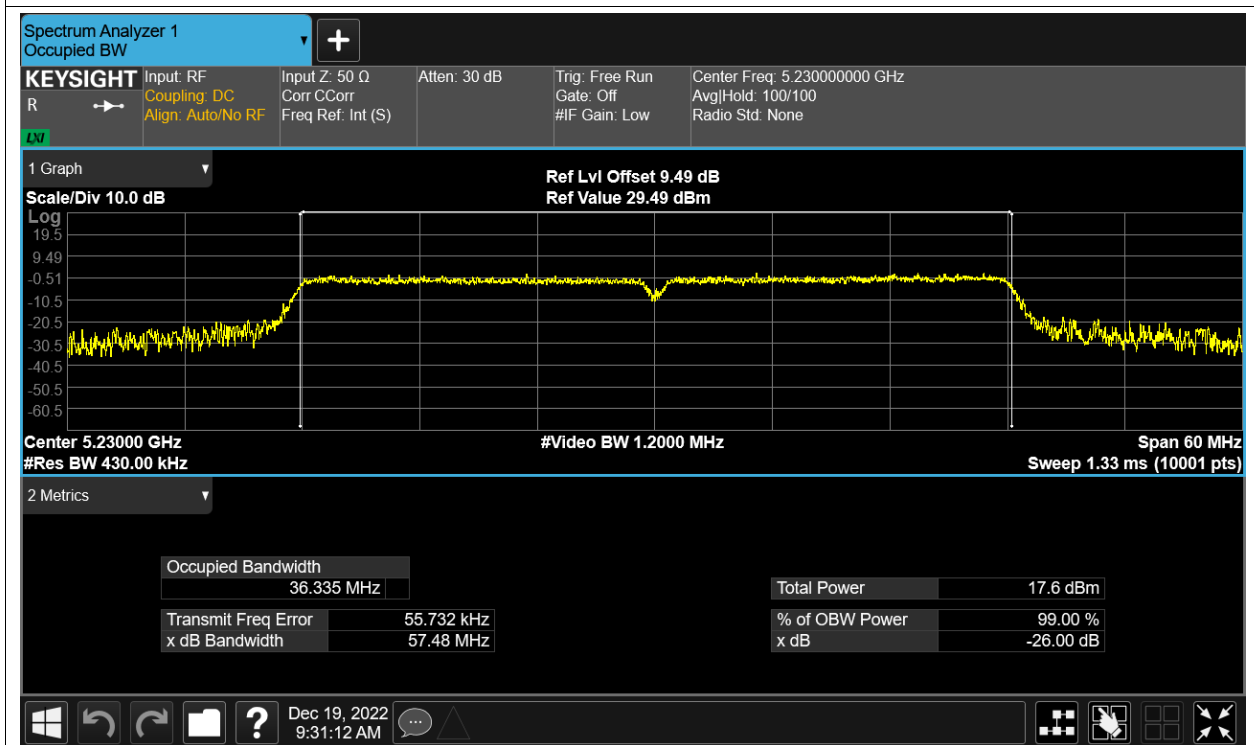
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

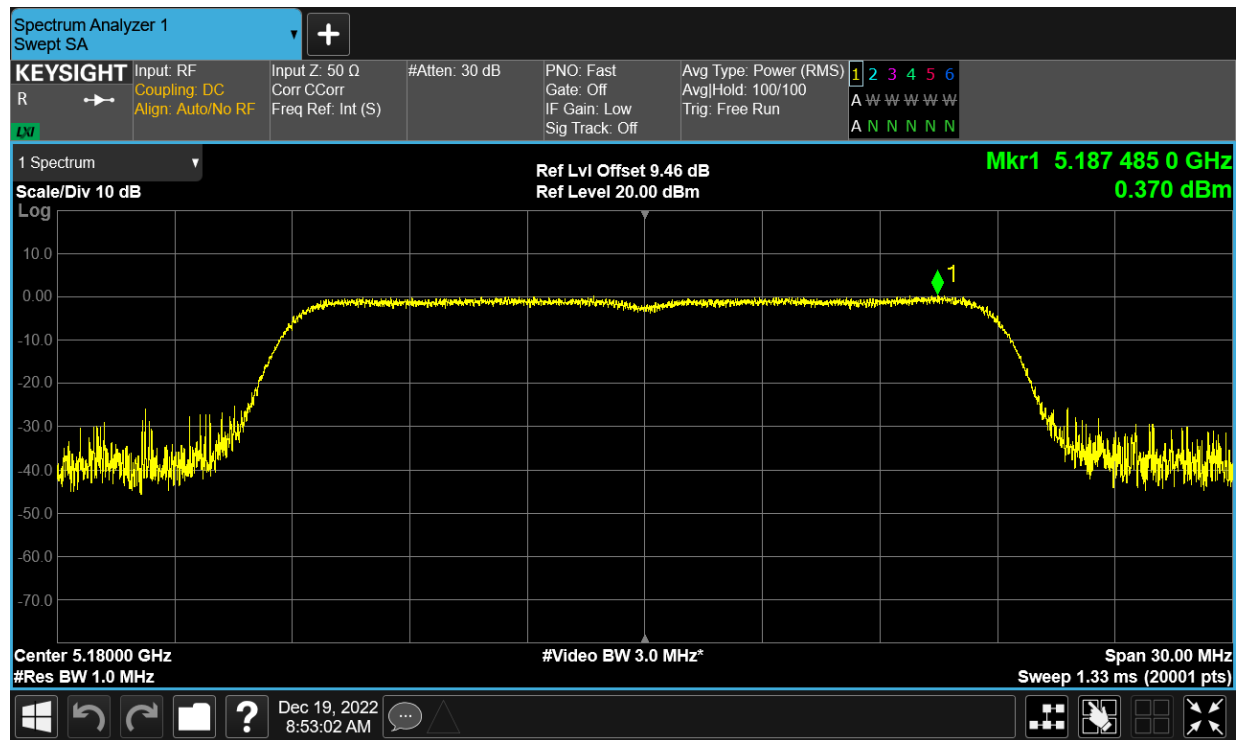


Maximum Power Spectral Density Level

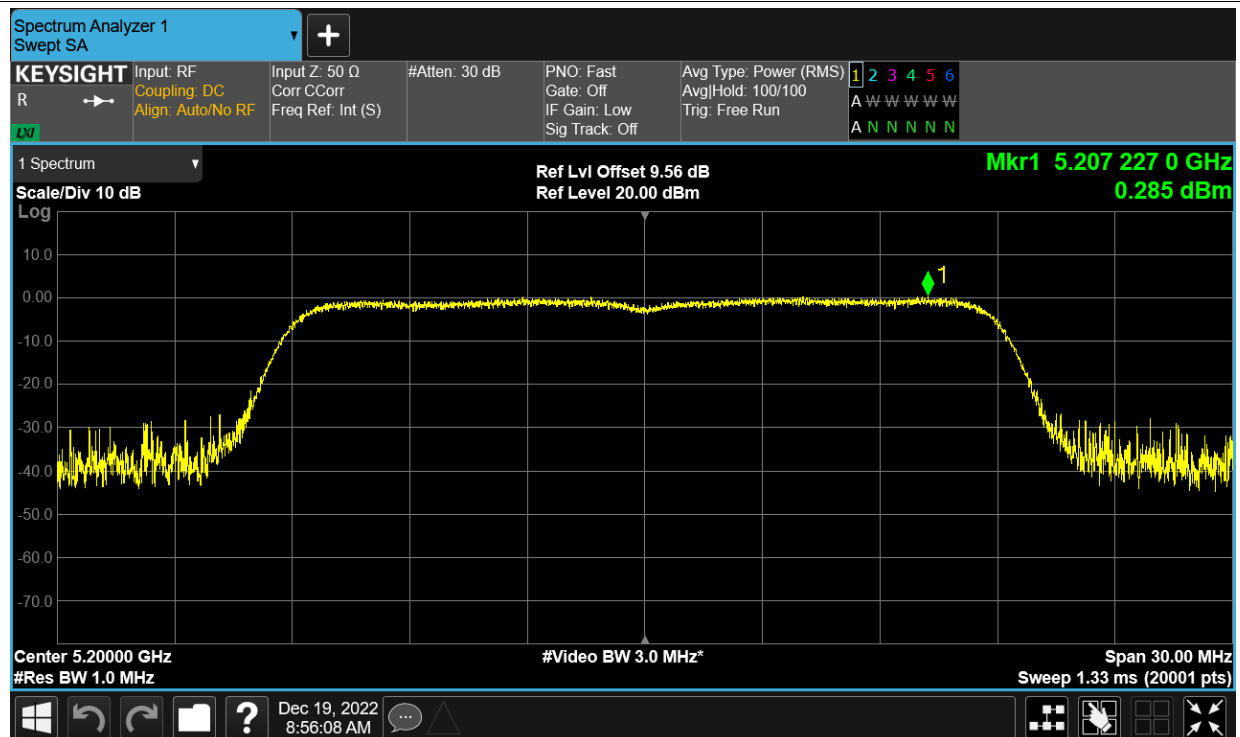
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.37	11	Pass
NVNT	a	5200	Ant1	0.285	11	Pass
NVNT	a	5240	Ant1	0.234	11	Pass
NVNT	ac20	5180	Ant1	0.407	11	Pass
NVNT	ac20	5200	Ant1	0.474	11	Pass
NVNT	ac20	5240	Ant1	-0.013	11	Pass
NVNT	ac40	5190	Ant1	-1.355	11	Pass
NVNT	ac40	5230	Ant1	-1.889	11	Pass
NVNT	ac80	5210	Ant1	-6.668	11	Pass
NVNT	n20	5180	Ant1	0.239	11	Pass
NVNT	n20	5200	Ant1	0.153	11	Pass
NVNT	n20	5240	Ant1	-0.193	11	Pass
NVNT	n40	5190	Ant1	-1.92	11	Pass
NVNT	n40	5230	Ant1	-2.42	11	Pass

Test Graphs

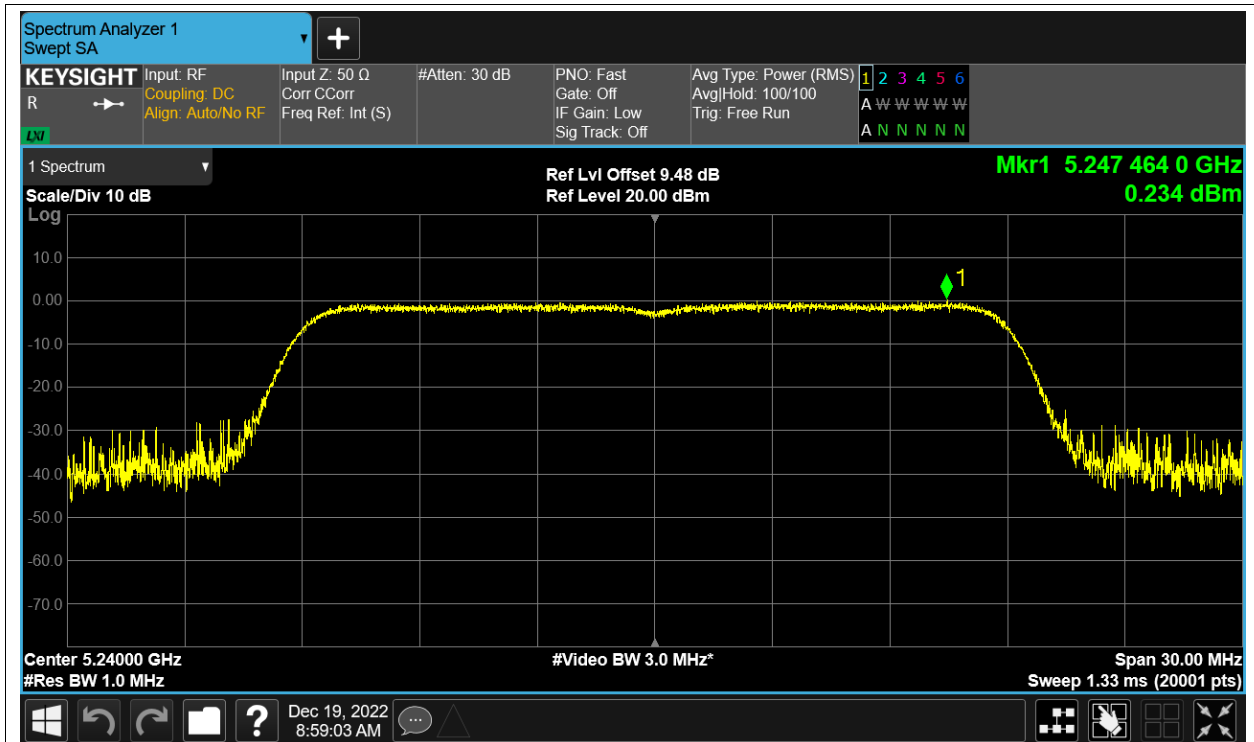
PSD NVNT a 5180MHz Ant1



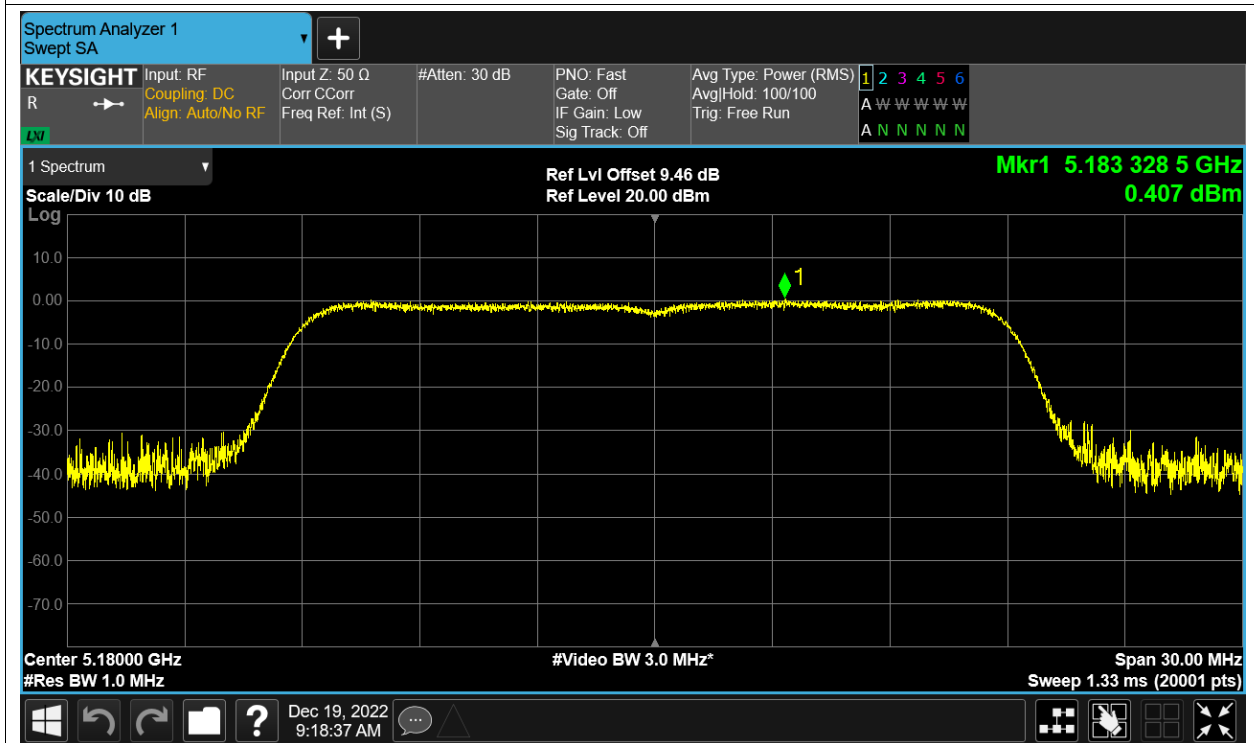
PSD NVNT a 5200MHz Ant1



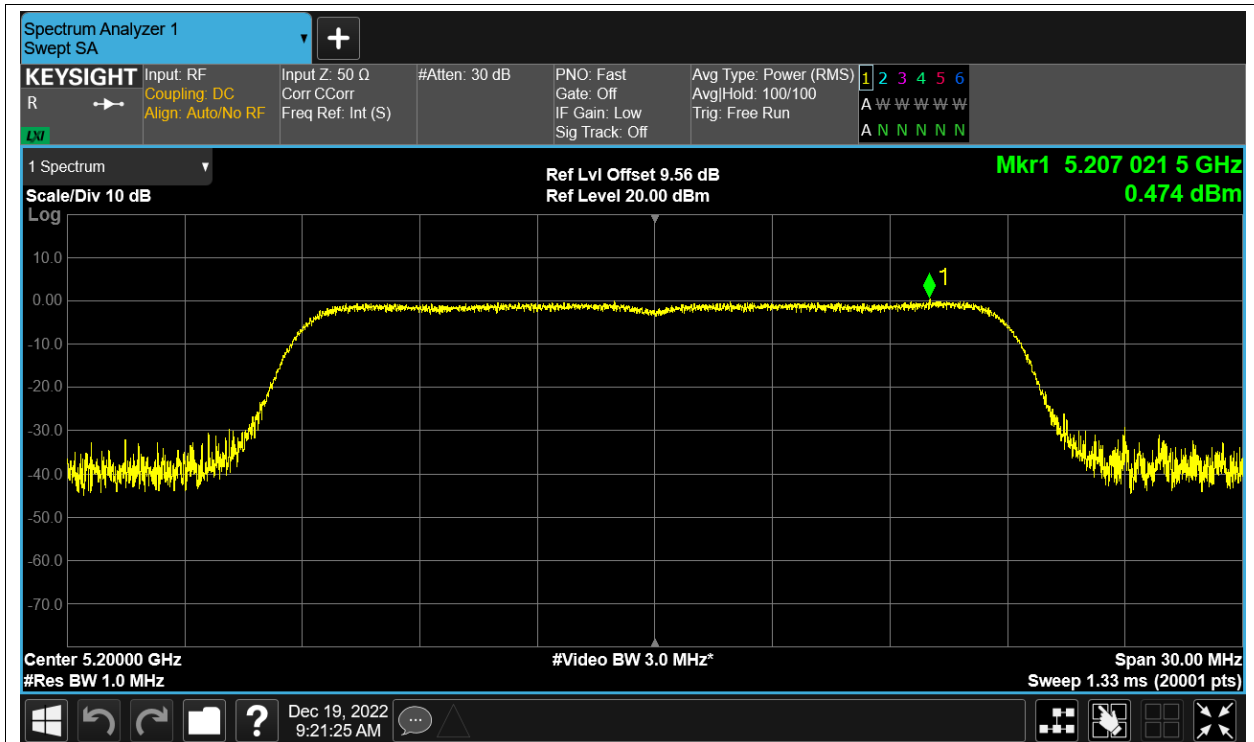
PSD NVNT a 5240MHz Ant1



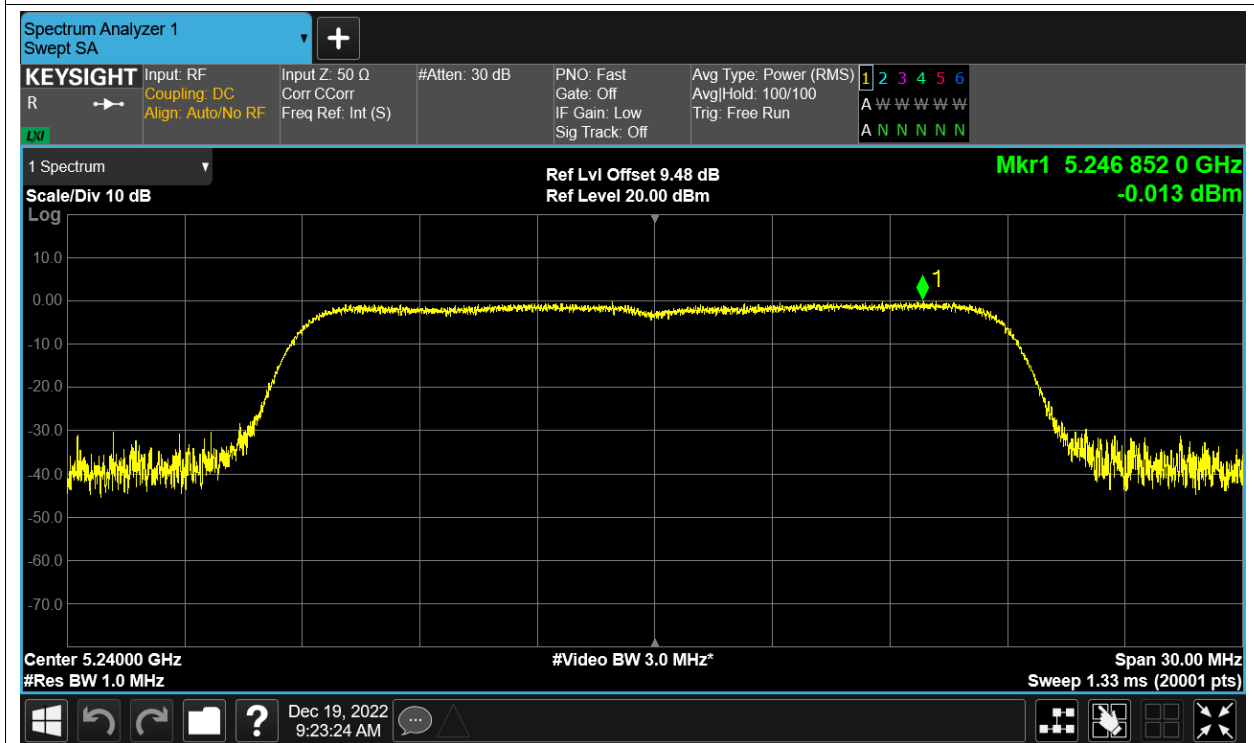
PSD NVNT ac20 5180MHz Ant1



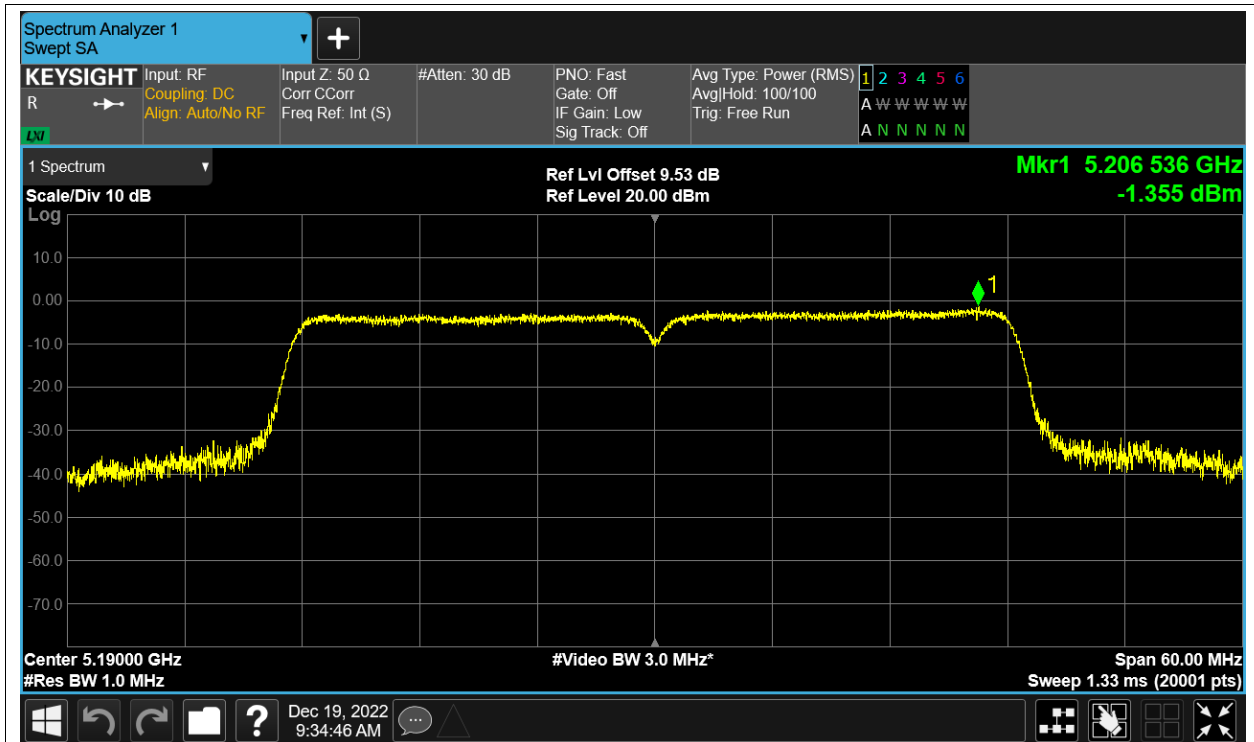
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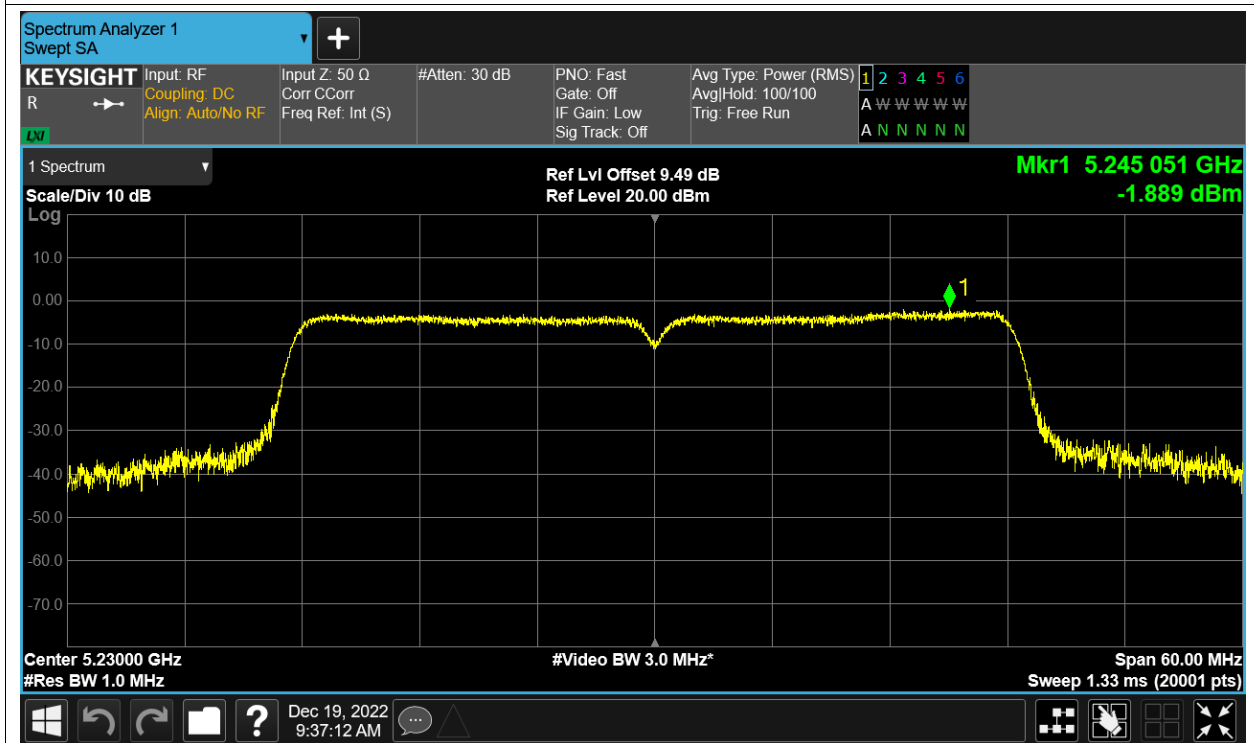
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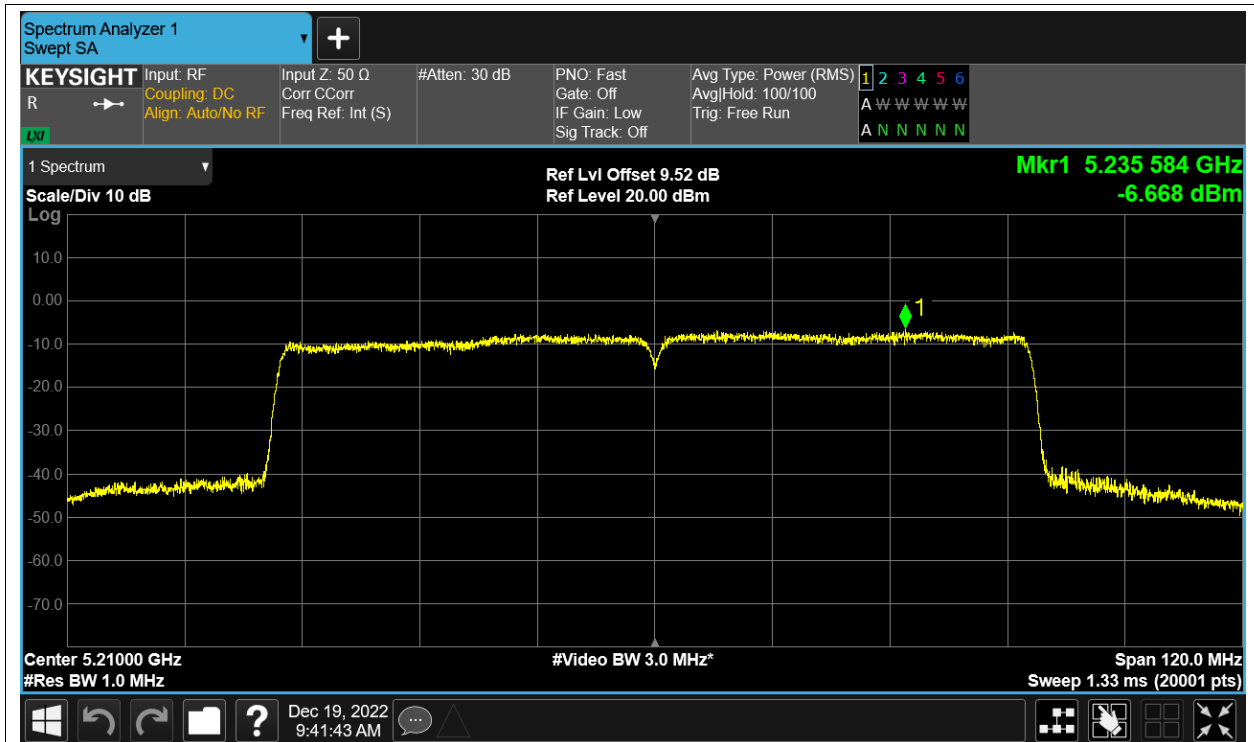
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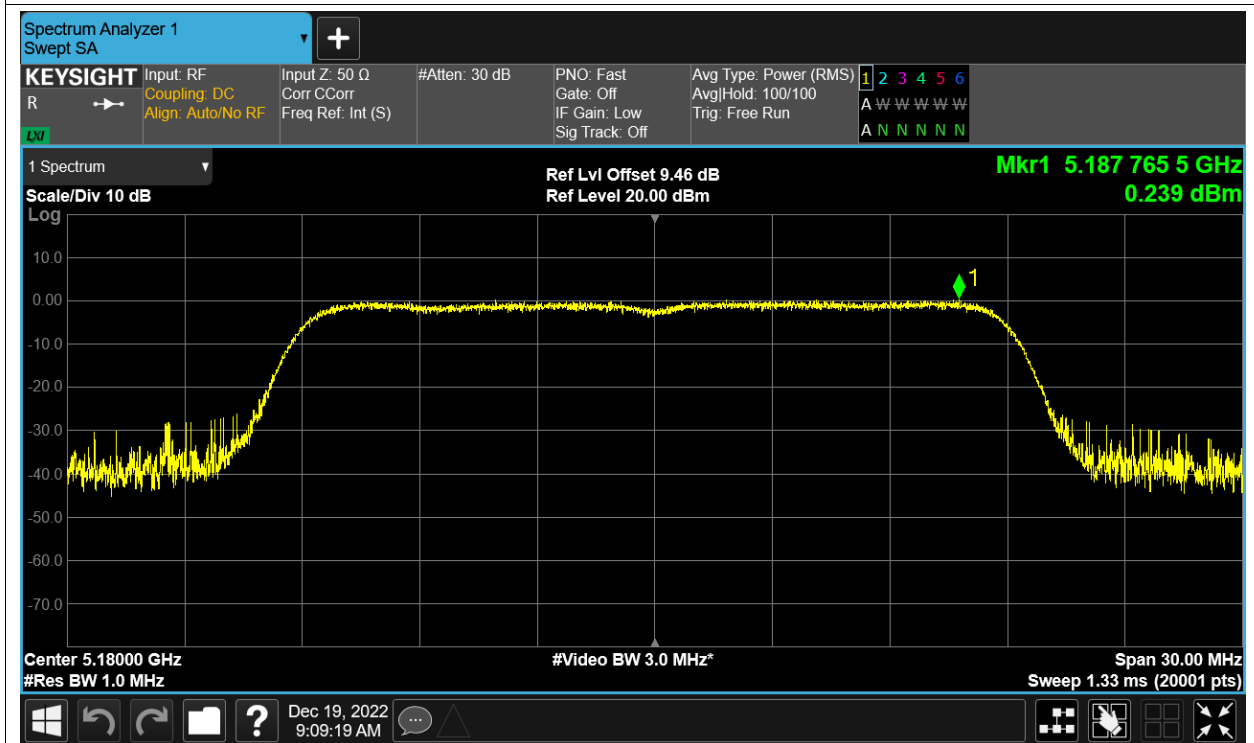
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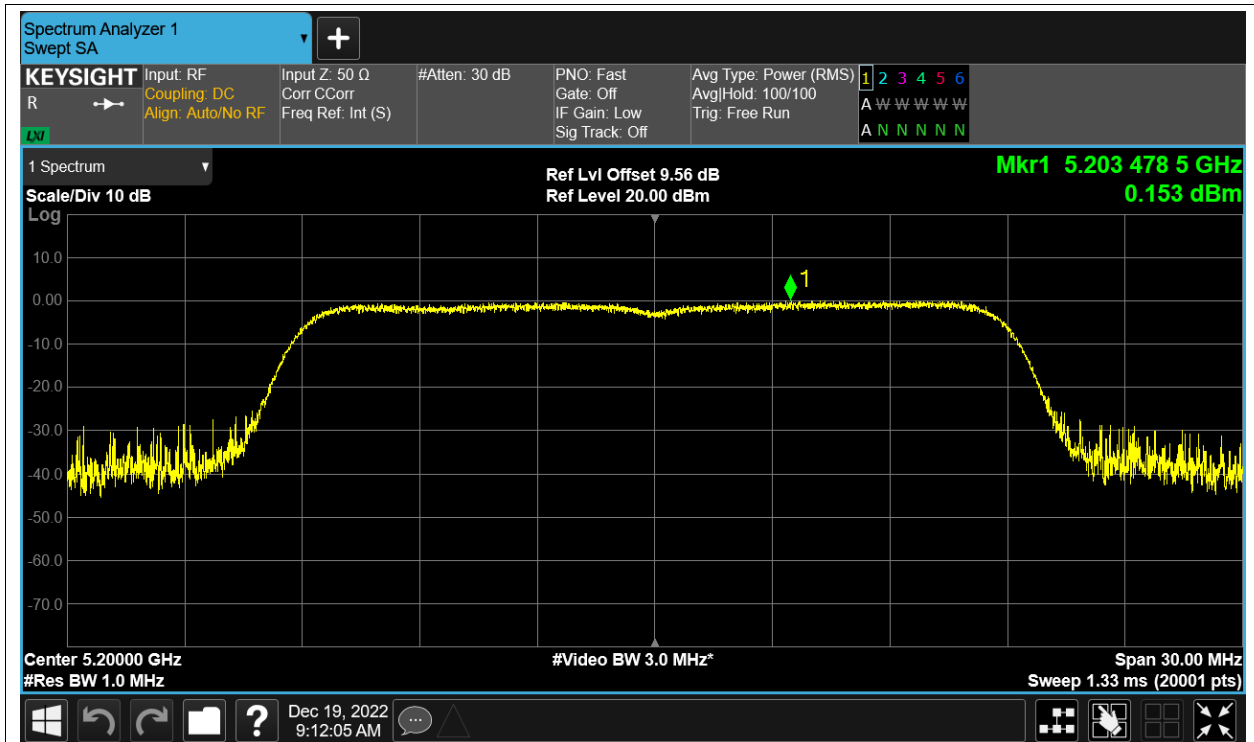
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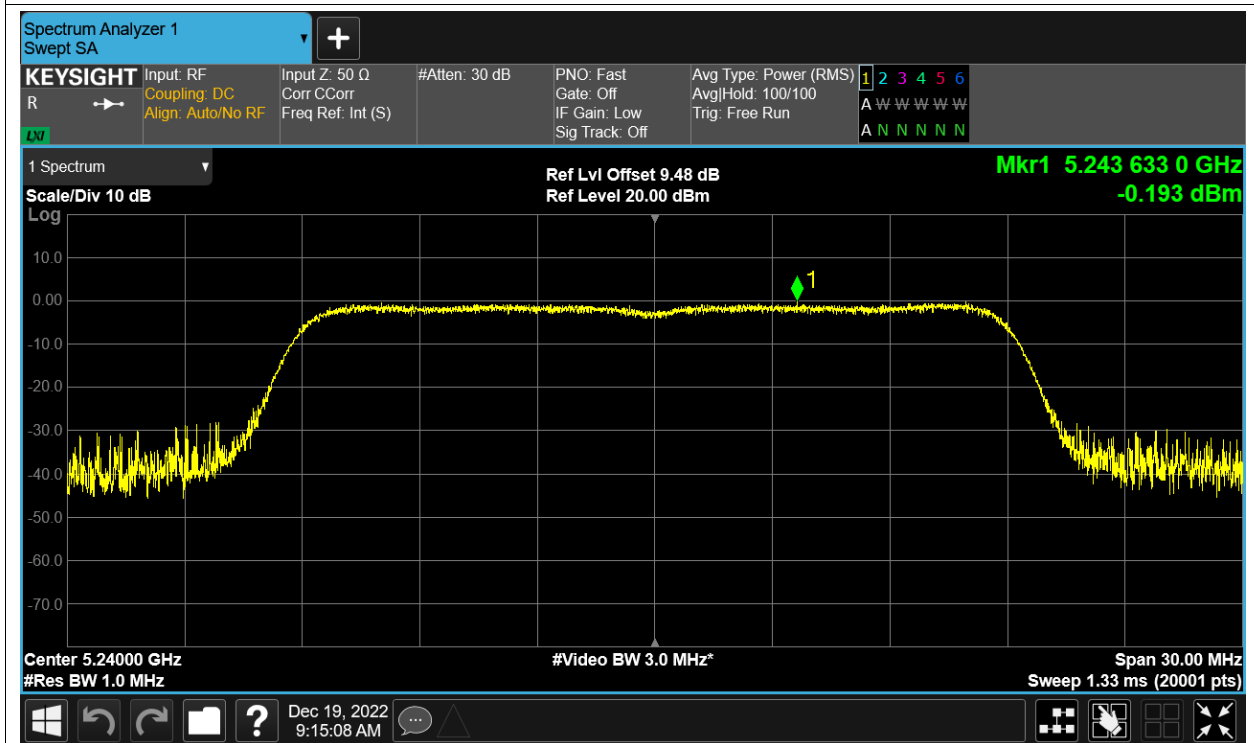
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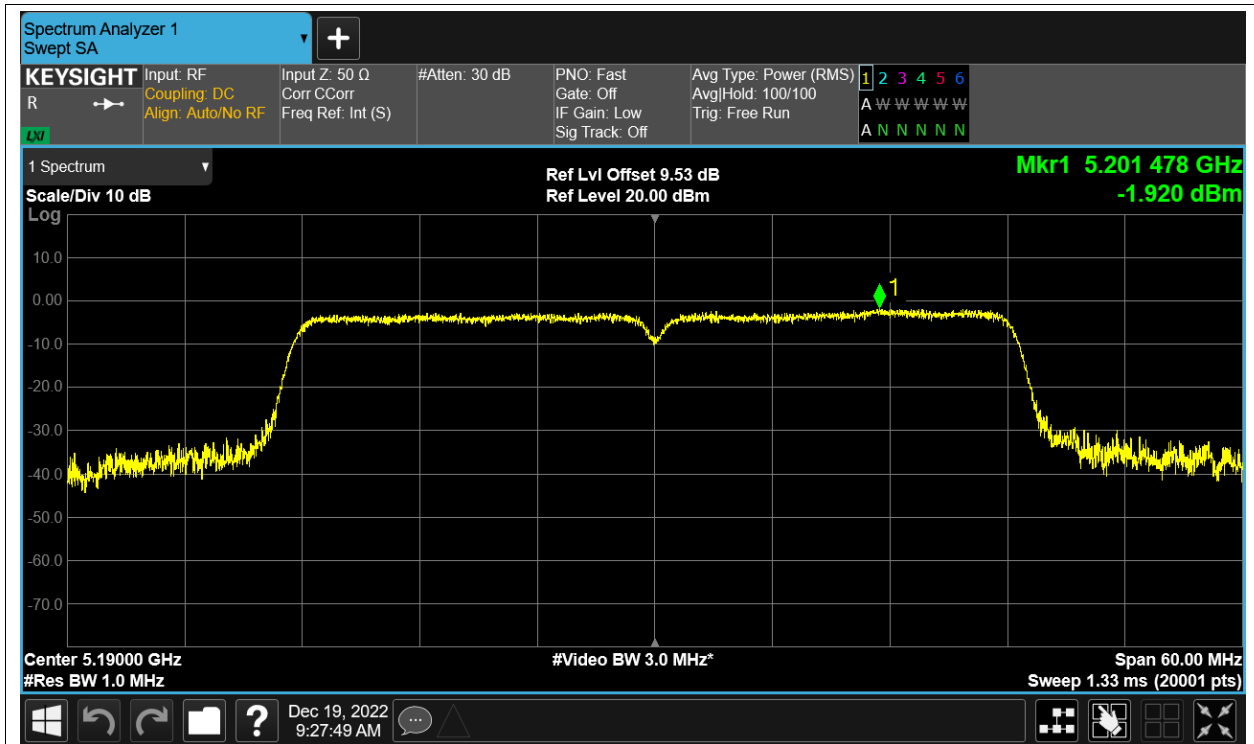
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

