

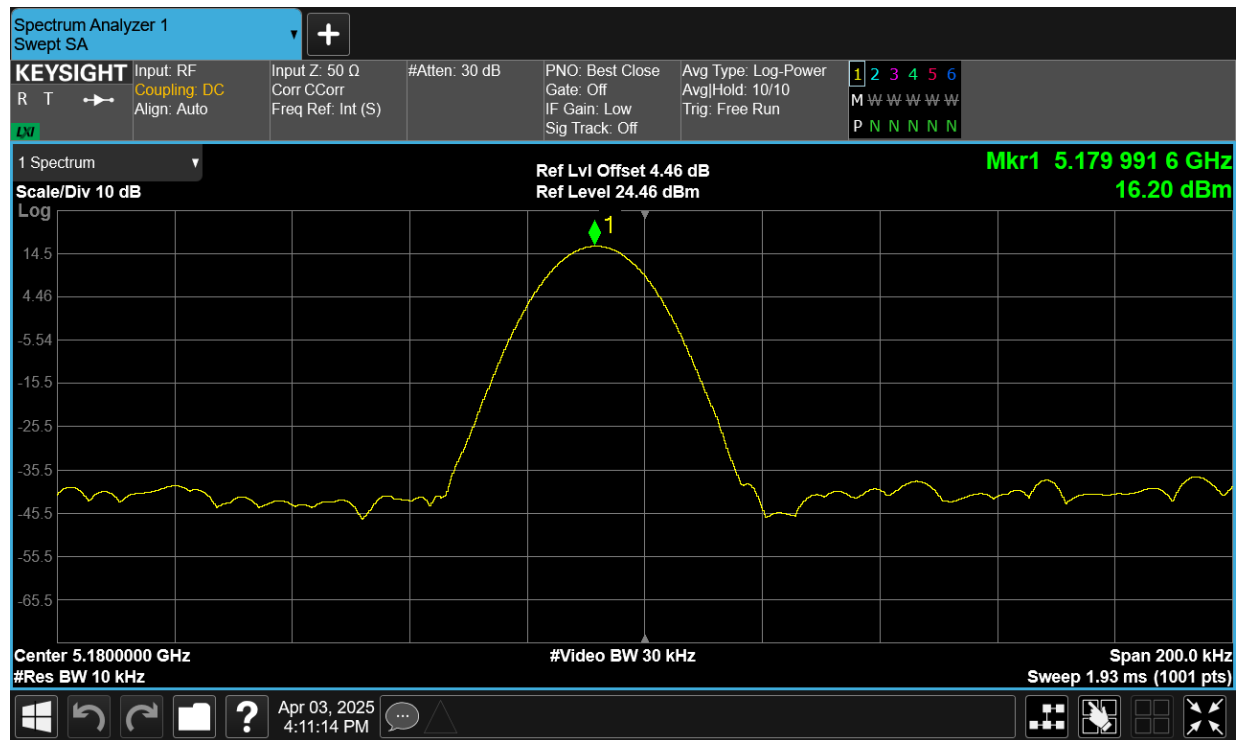
Test Data

Frequency Stability

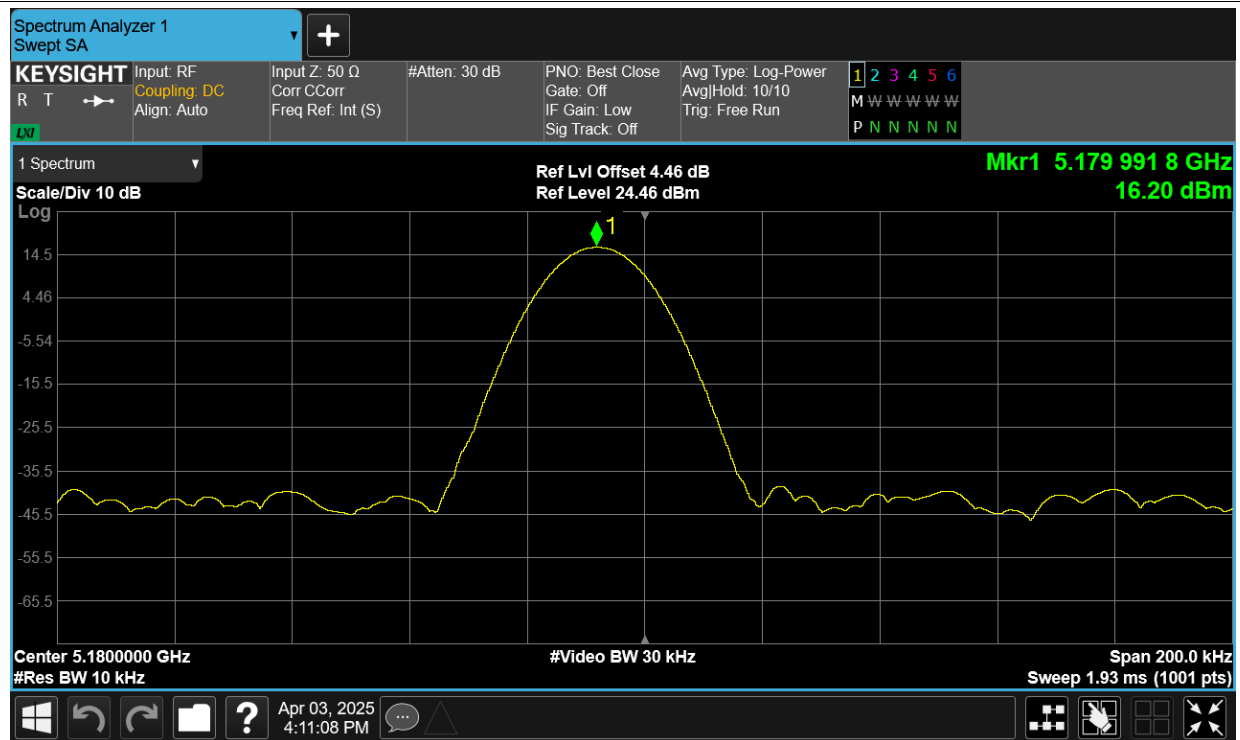
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant0	5179.9916	-1.62	25	Pass
LVNT	a	5180	Ant0	5179.9918	-1.58	25	Pass
NVHT	a	5180	Ant0	5179.9918	-1.58	25	Pass
NVLT	a	5180	Ant0	5179.992	-1.54	25	Pass
NVNT	a	5180	Ant0	5179.993	-1.35	25	Pass
HVNT	ac80	5210	Sum	5209.9932	-1.31	25	Pass
LVNT	ac80	5210	Sum	5209.991	-1.73	25	Pass
NVHT	ac80	5210	Sum	5209.9914	-1.65	25	Pass
NVLT	ac80	5210	Sum	5209.9916	-1.61	25	Pass
NVNT	ac80	5210	Sum	5209.992	-1.54	25	Pass
HVNT	n40	5190	Sum	5189.9936	-1.23	25	Pass
LVNT	n40	5190	Sum	5189.9912	-1.7	25	Pass
NVHT	n40	5190	Sum	5189.9914	-1.66	25	Pass
NVLT	n40	5190	Sum	5189.9916	-1.62	25	Pass
NVNT	n40	5190	Sum	5189.992	-1.54	25	Pass

Test Graphs

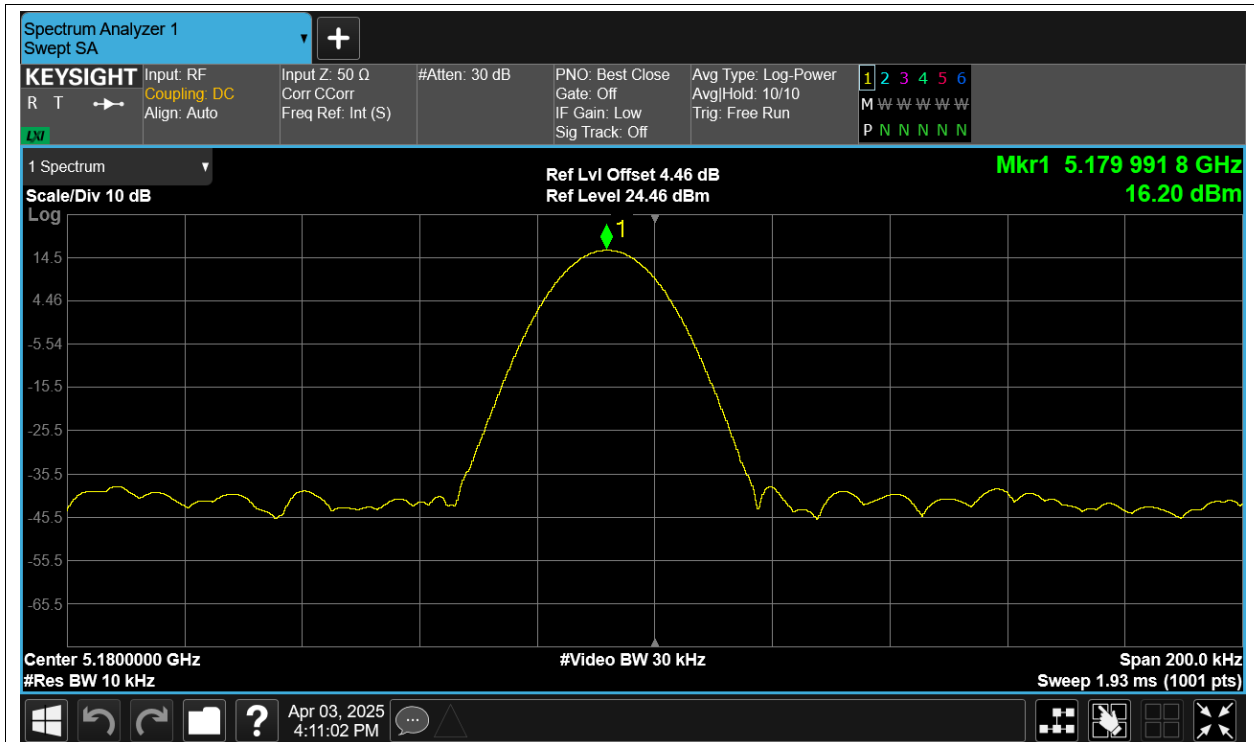
Freq. Stability HVNT a 5180MHz Ant0



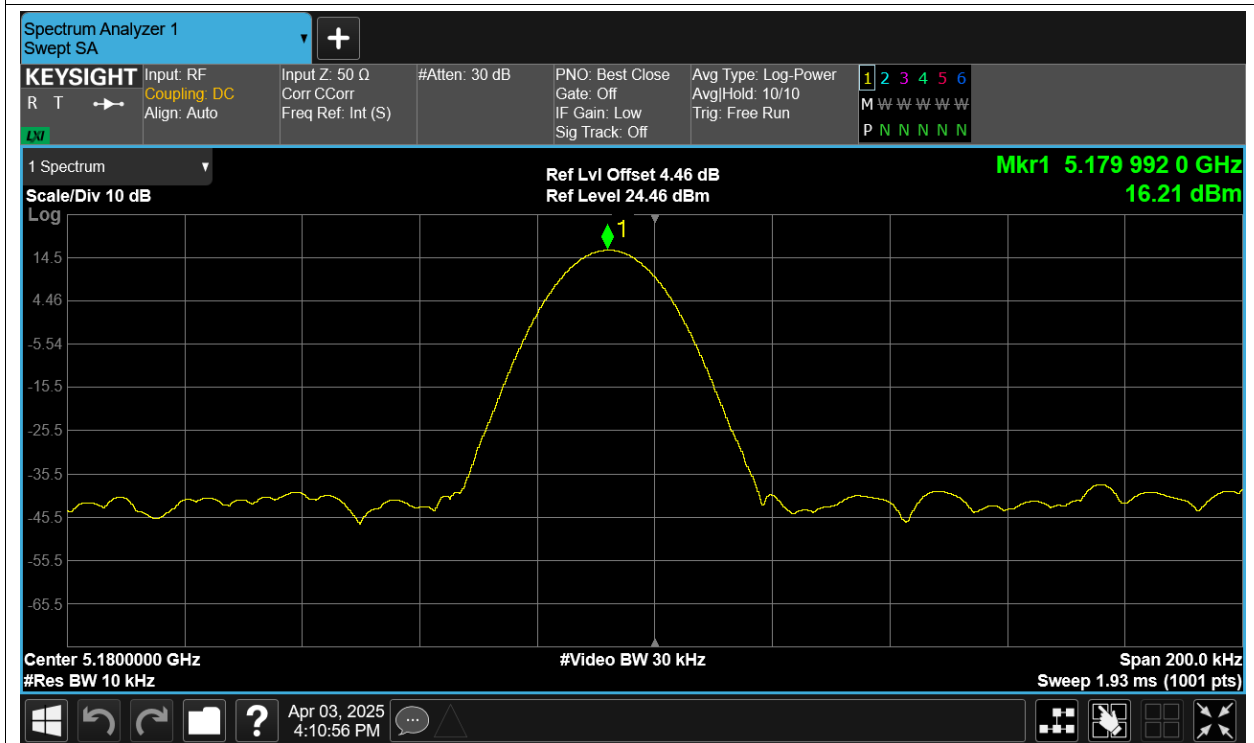
Freq. Stability LVNT a 5180MHz Ant0



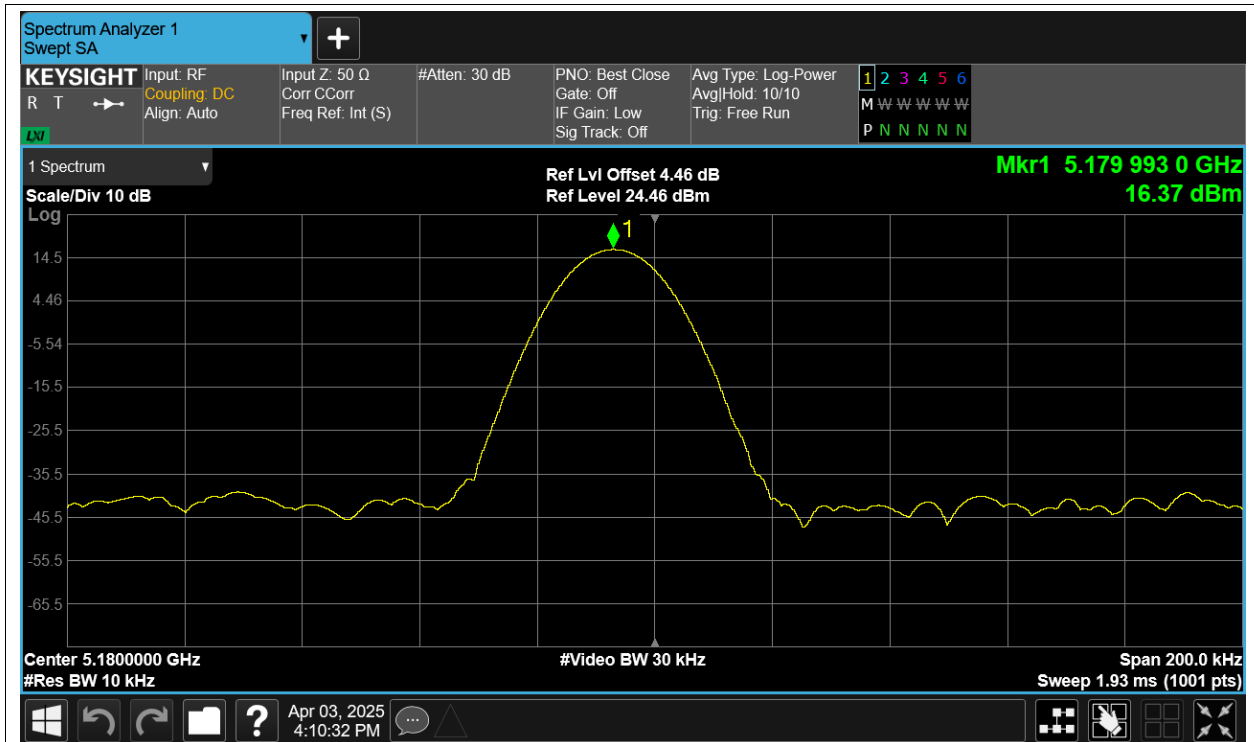
Freq. Stability NVHT a 5180MHz Ant0



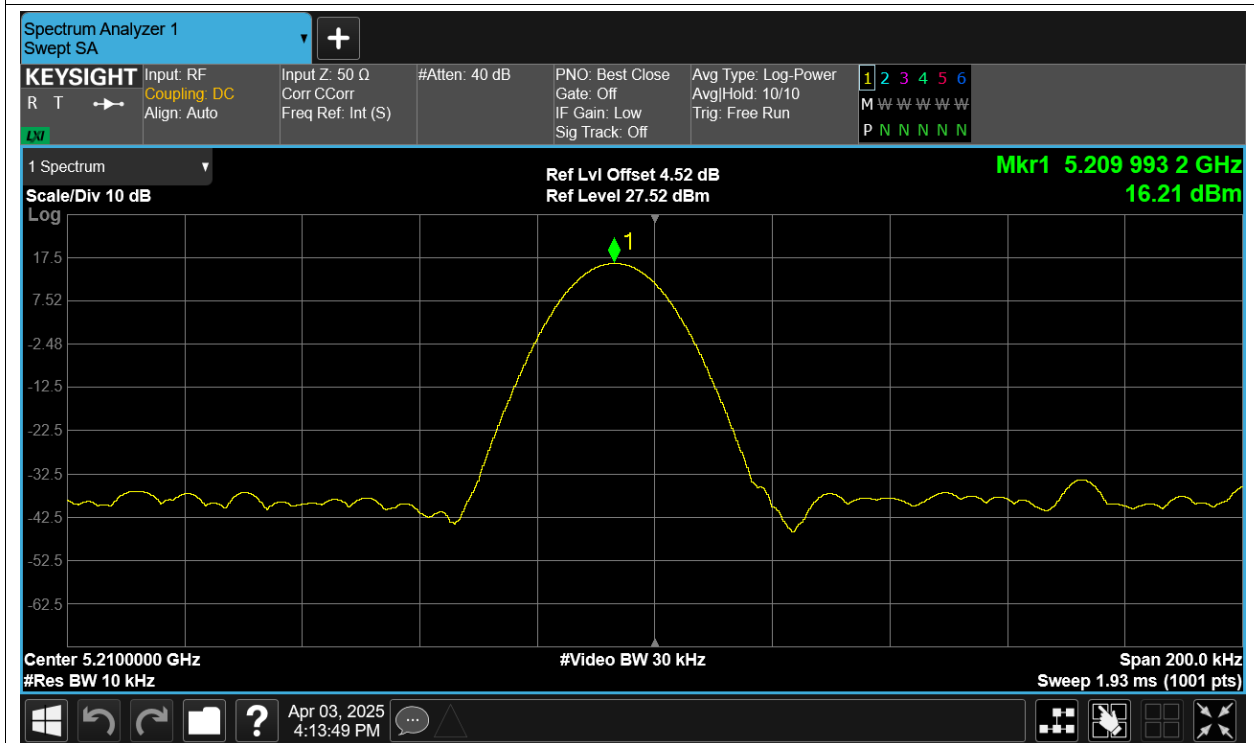
Freq. Stability NVLT a 5180MHz Ant0



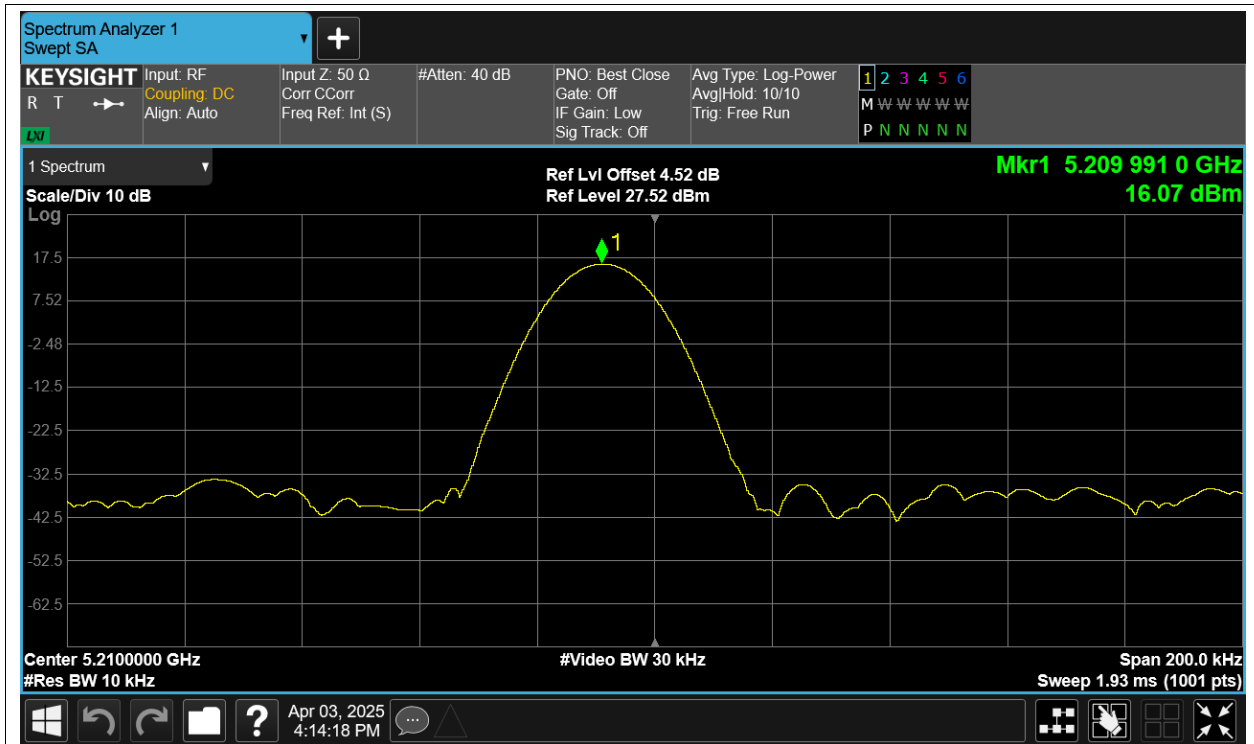
Freq. Stability NVNT a 5180MHz Ant0



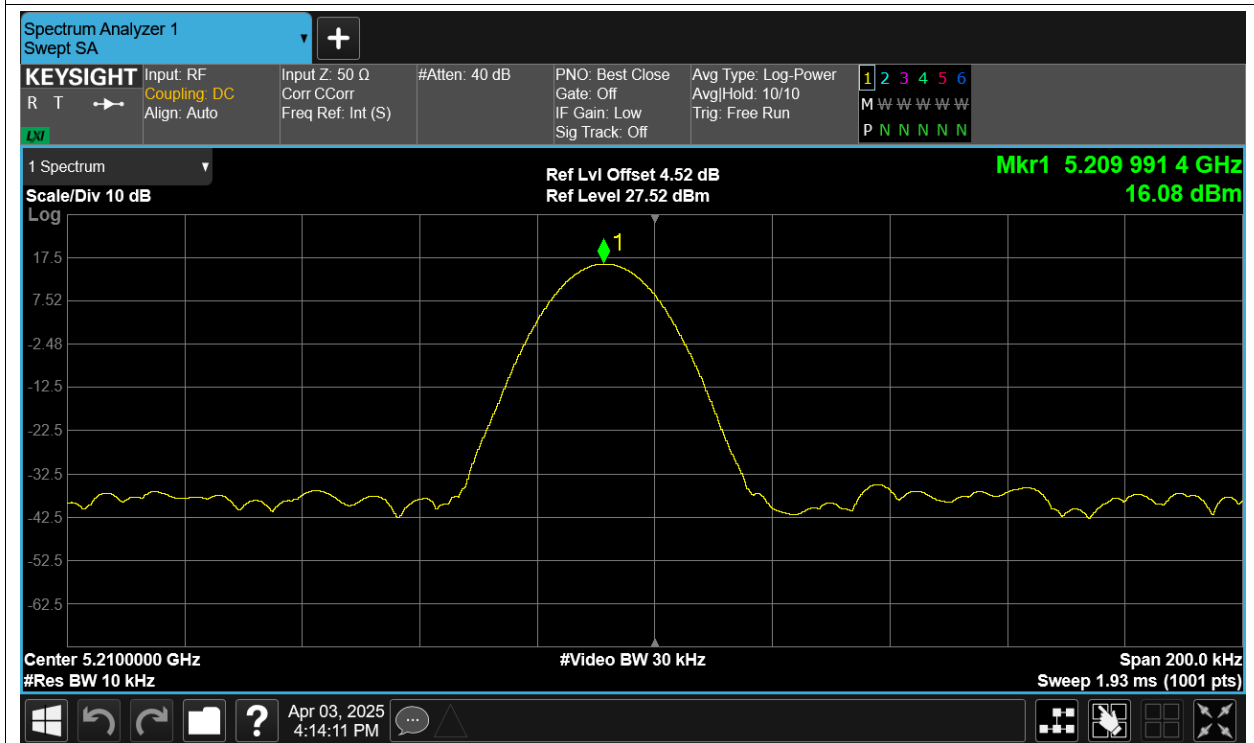
Freq. Stability HVNT ac80 5210MHz Sum



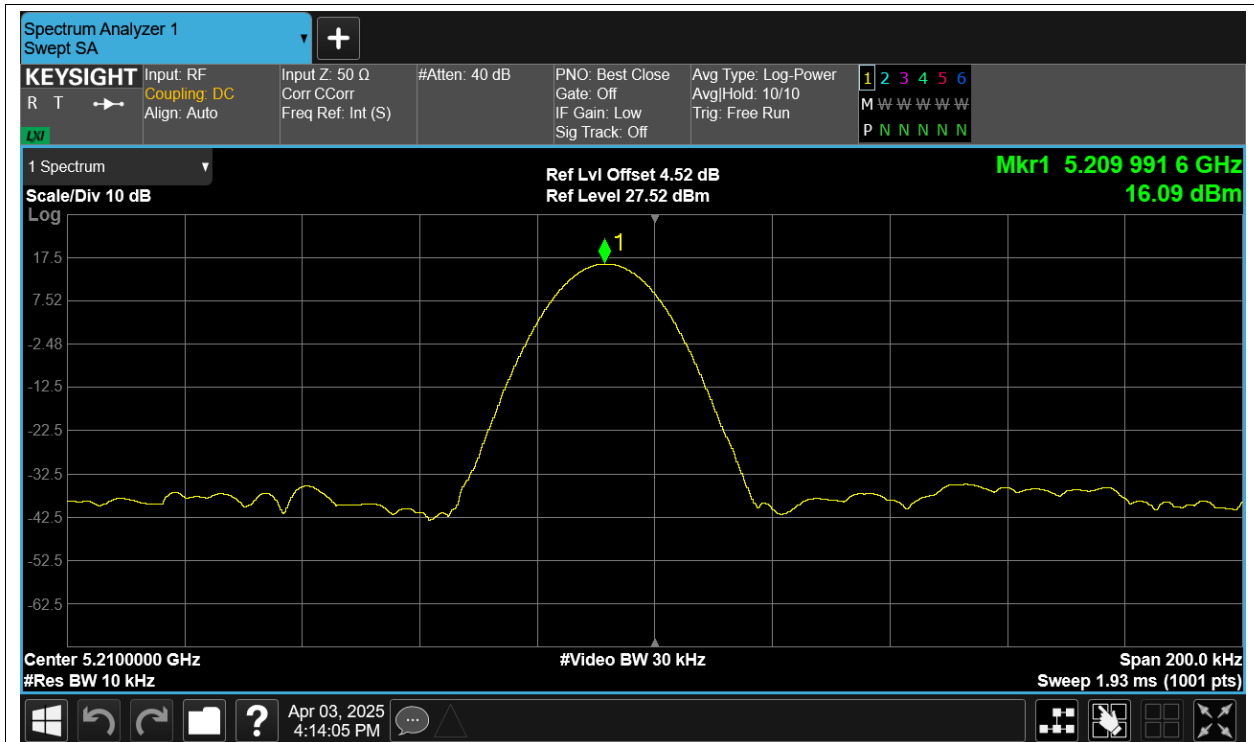
Freq. Stability LVNT ac80 5210MHz Sum



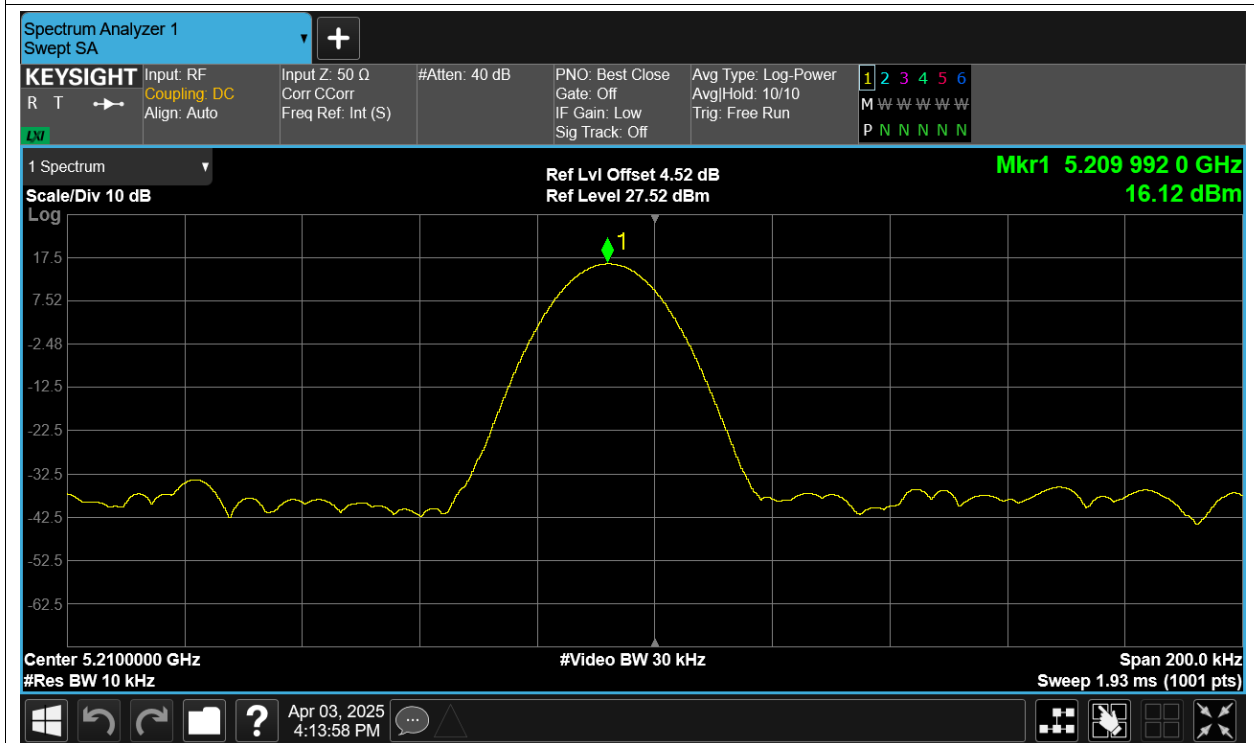
Freq. Stability NVHT ac80 5210MHz Sum



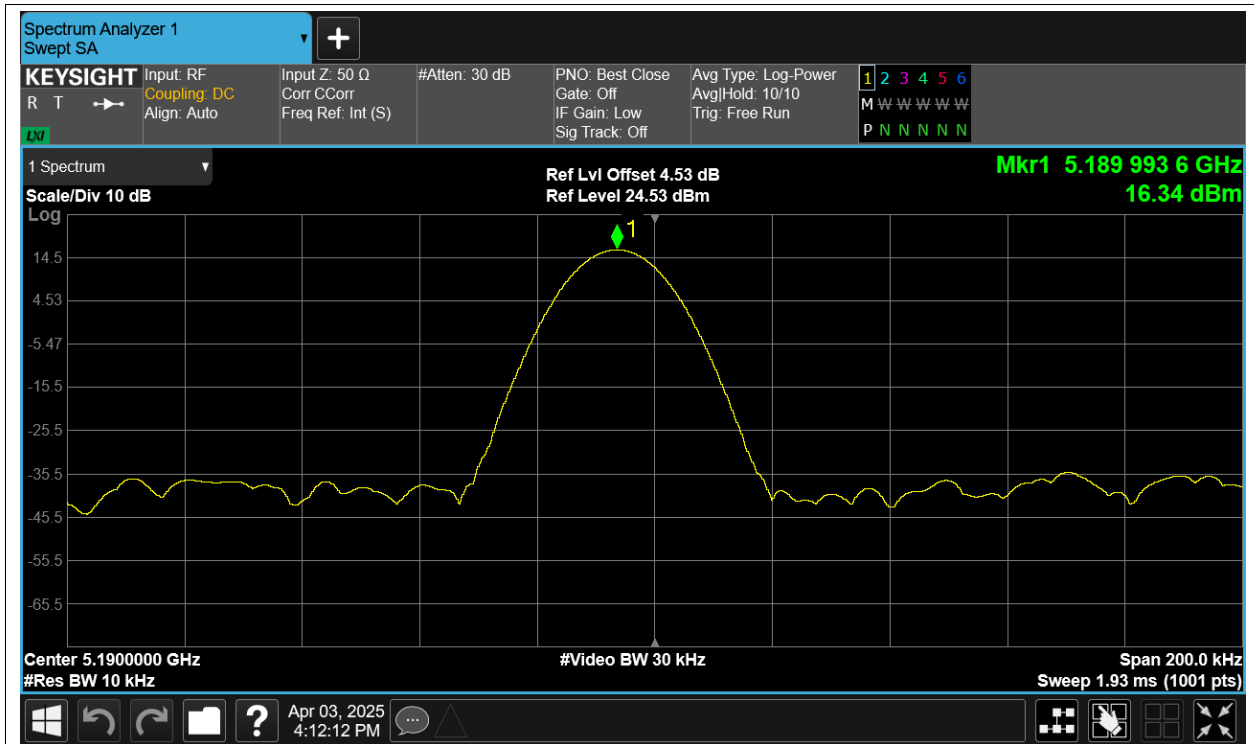
Freq. Stability NVLT ac80 5210MHz Sum



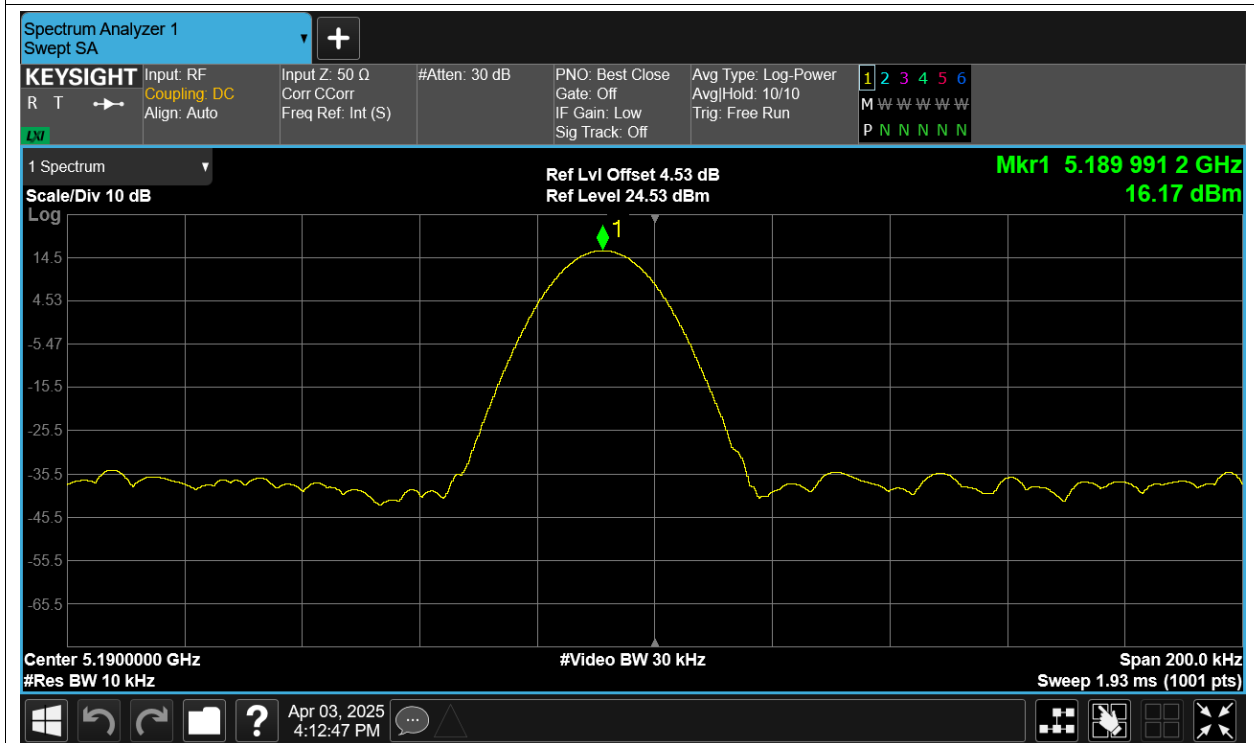
Freq. Stability NVNT ac80 5210MHz Sum



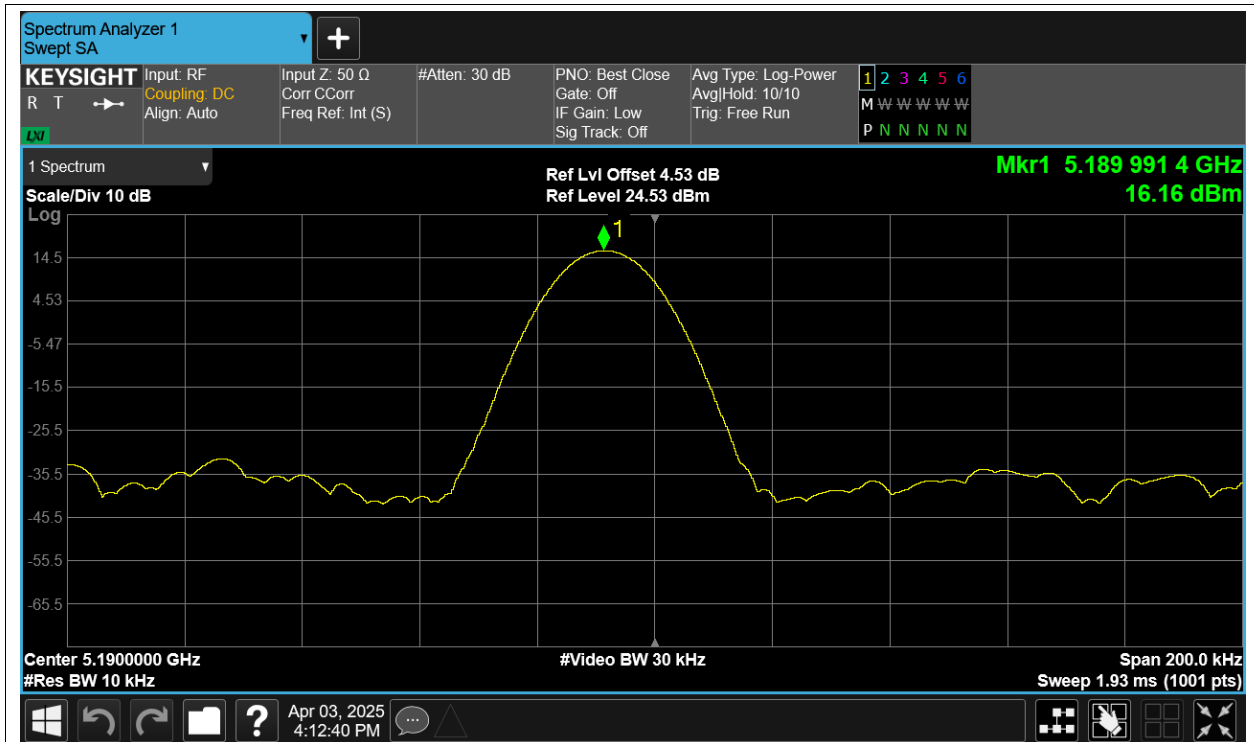
Freq. Stability HVNT n40 5190MHz Sum



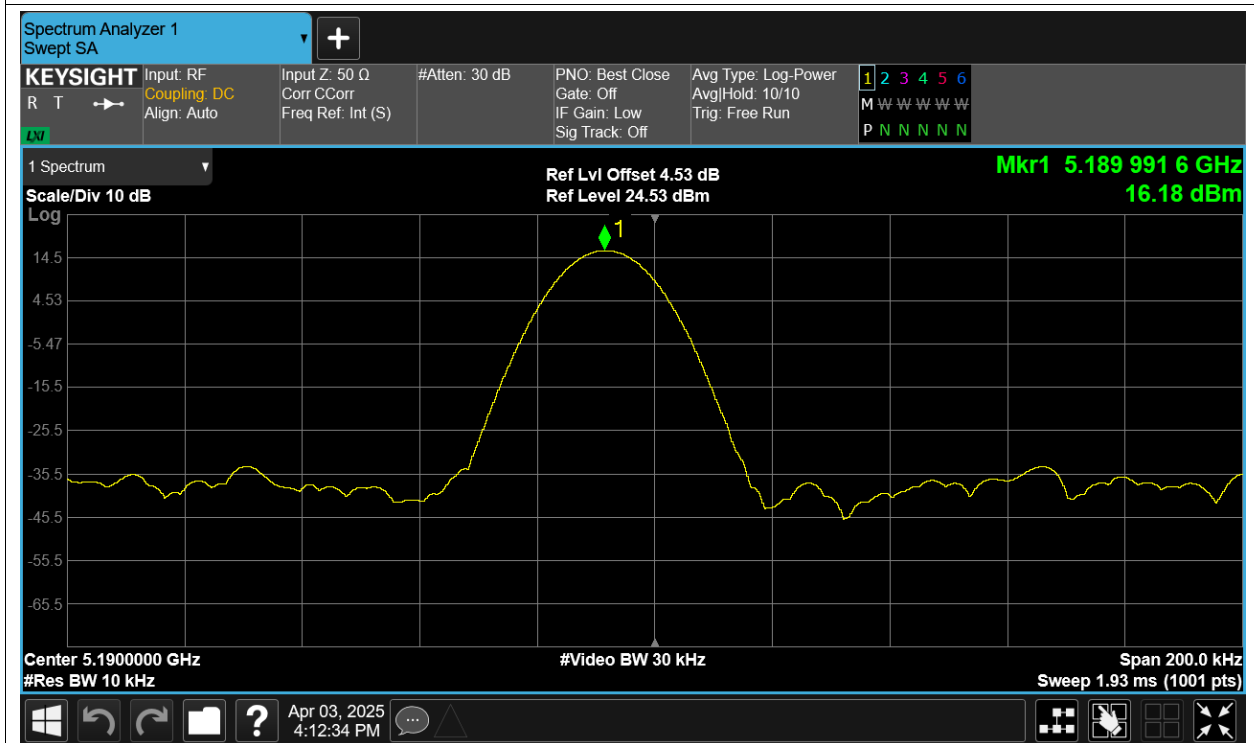
Freq. Stability LVNT n40 5190MHz Sum



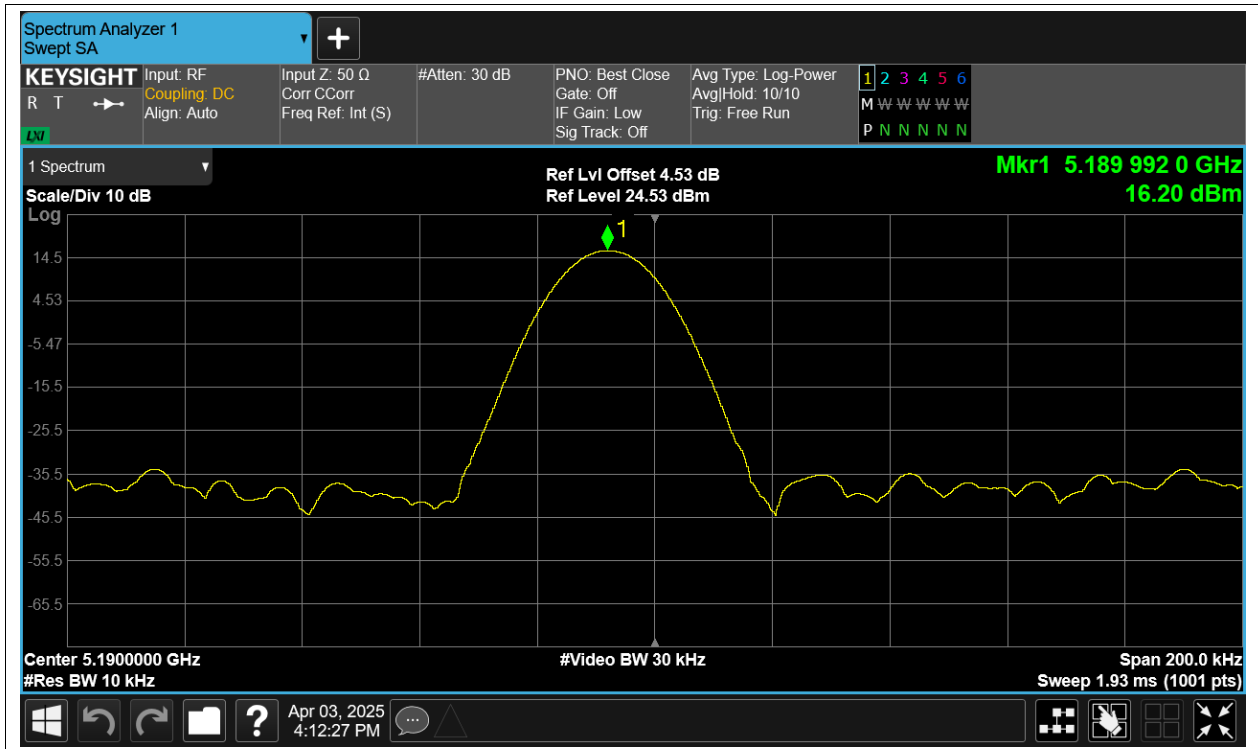
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum

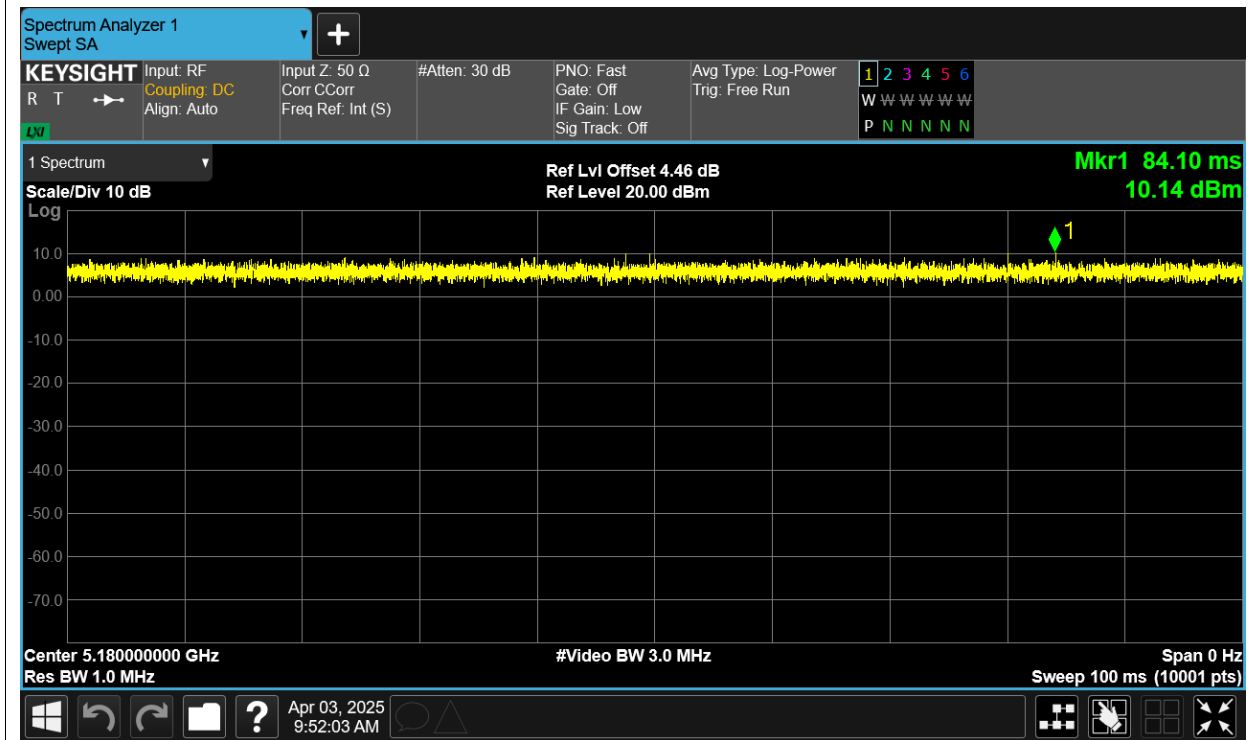


Duty Cycle

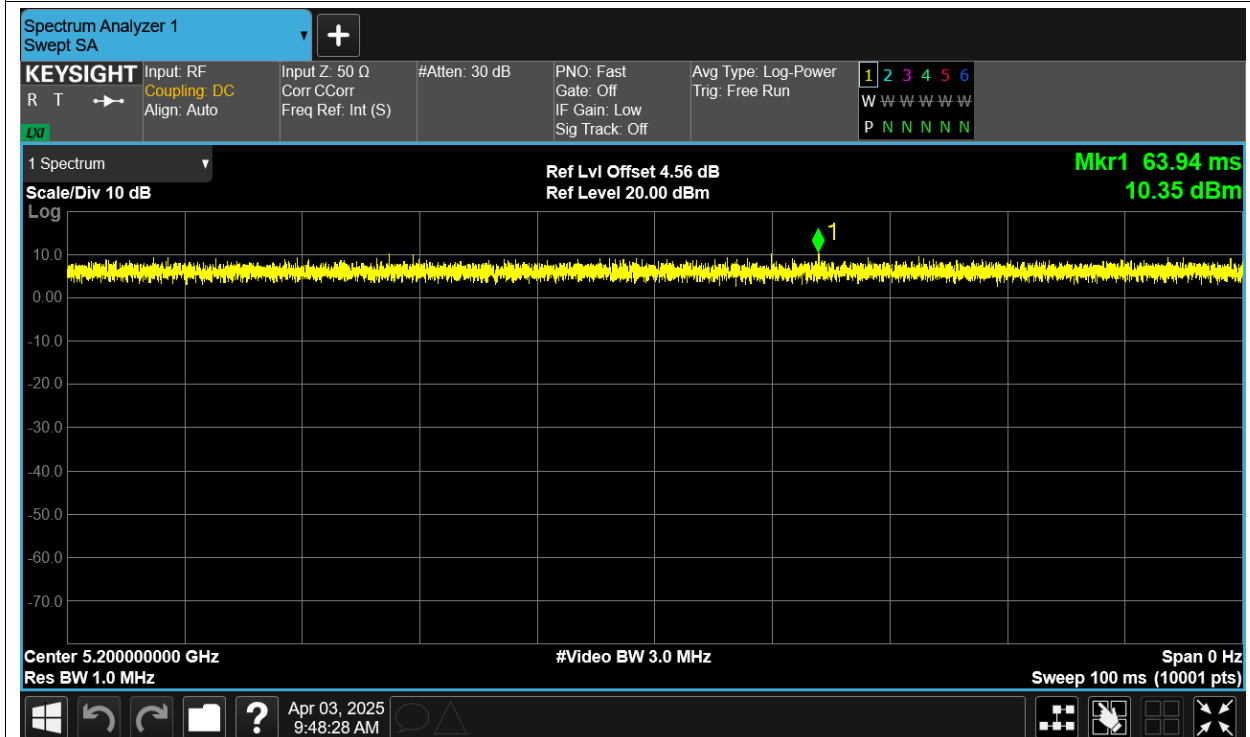
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant0	100	0
NVNT	a	5200	Ant0	100	0
NVNT	a	5240	Ant0	100	0
NVNT	a	5180	Ant8	100	0
NVNT	a	5200	Ant8	100	0
NVNT	a	5240	Ant8	100	0
NVNT	ac20	5180	Sum	100	0
NVNT	ac20	5200	Sum	100	0
NVNT	ac20	5240	Sum	100	0
NVNT	ac40	5190	Sum	100	0
NVNT	ac40	5230	Sum	100	0
NVNT	ac80	5210	Sum	100	0
NVNT	n20	5180	Sum	100	0
NVNT	n20	5200	Sum	100	0
NVNT	n20	5240	Sum	100	0
NVNT	n40	5190	Sum	100	0
NVNT	n40	5230	Sum	100	0

Test Graphs

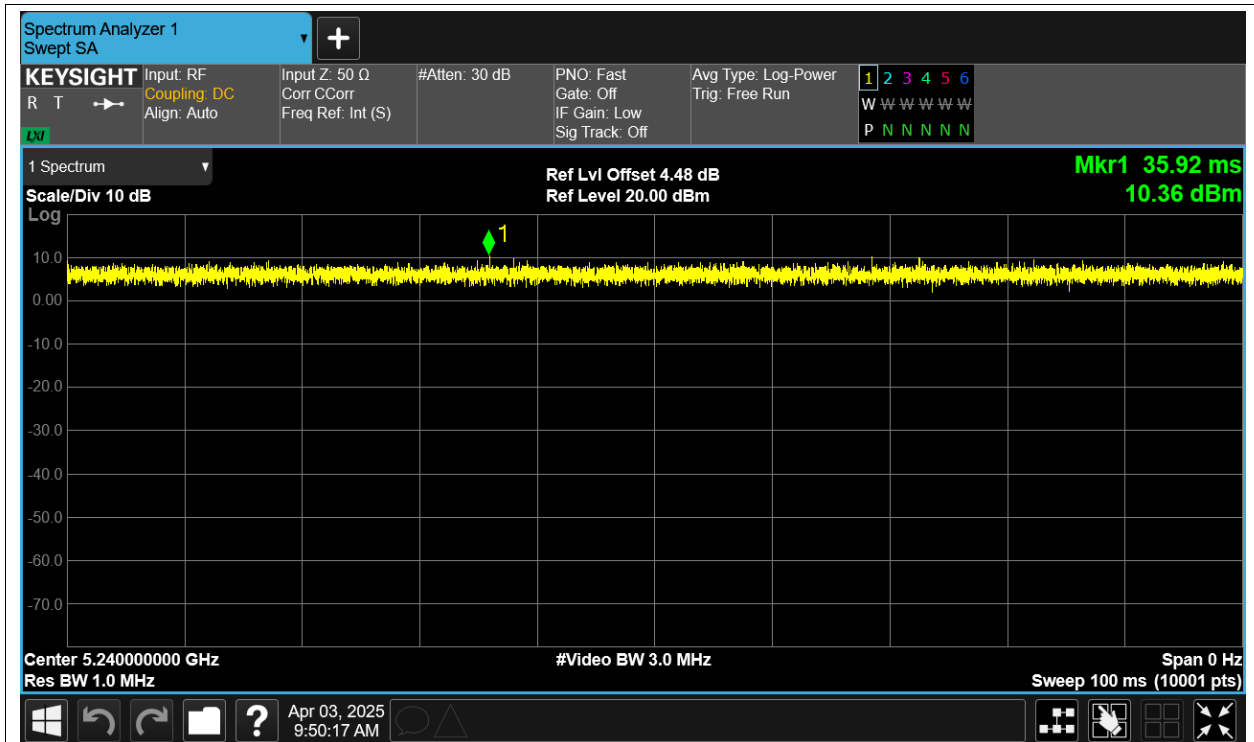
Duty Cycle NVNT a 5180MHz Ant0



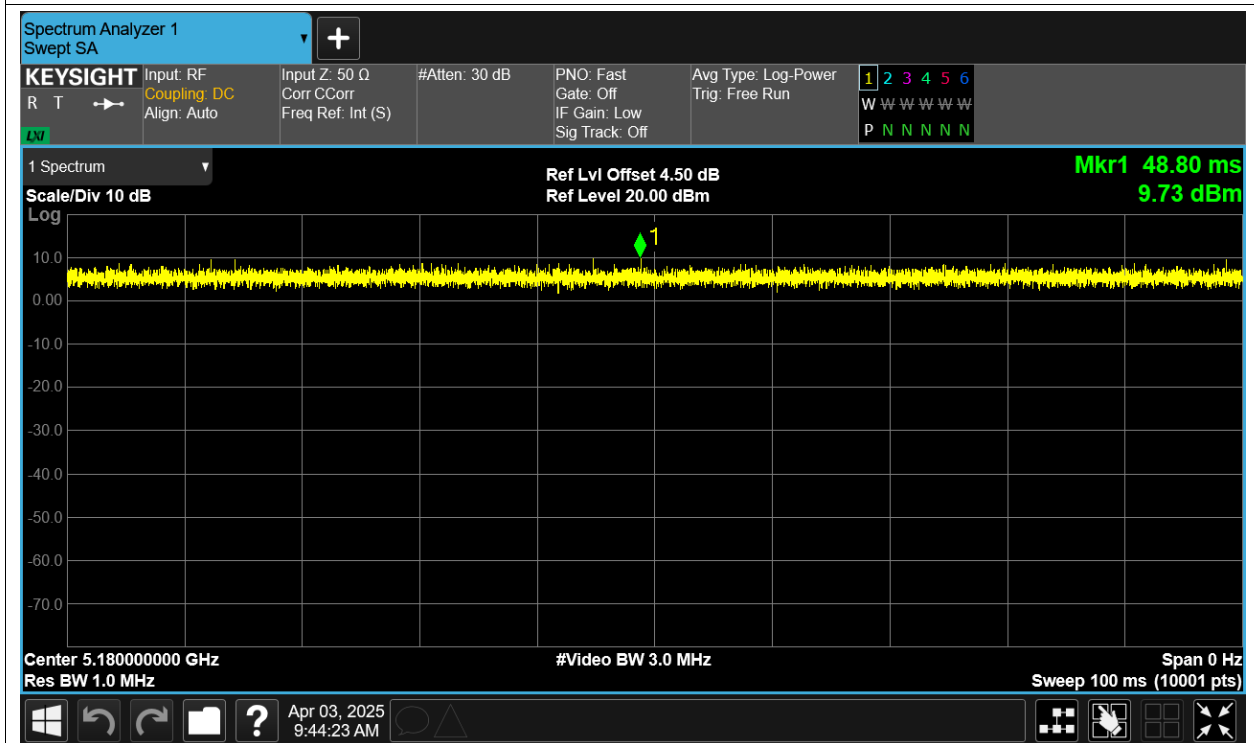
Duty Cycle NVNT a 5200MHz Ant0



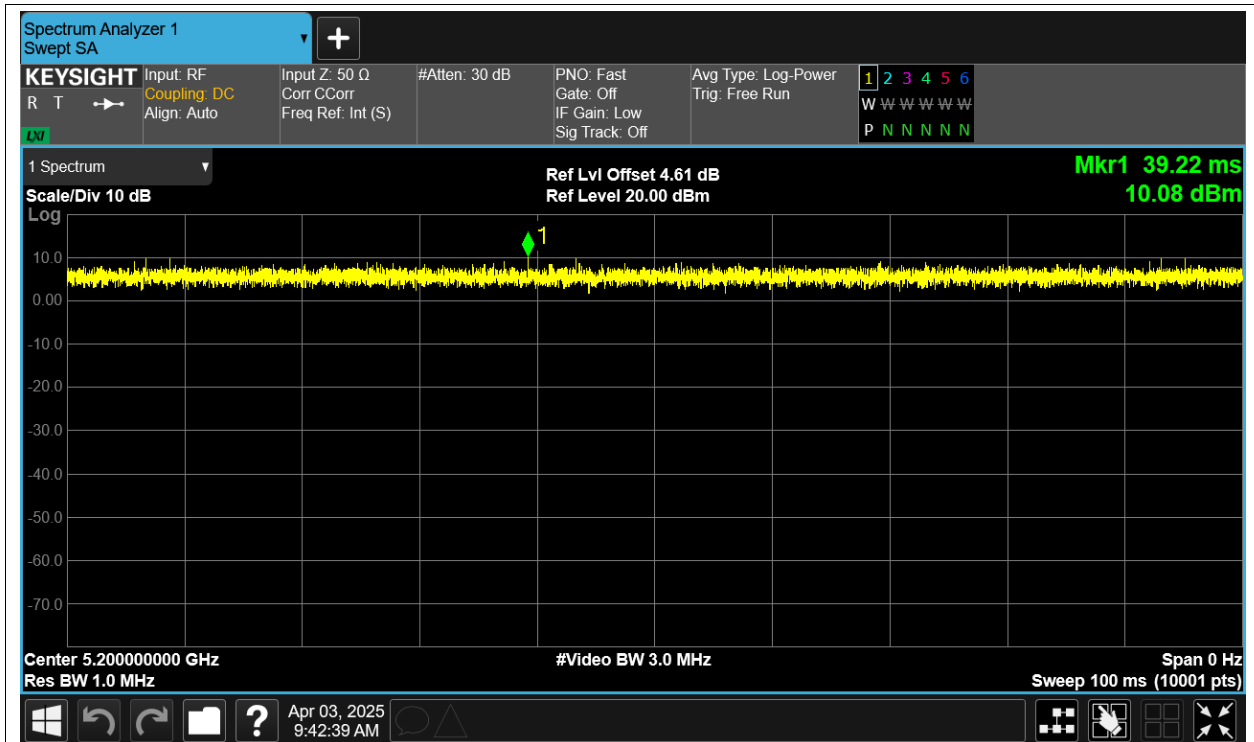
Duty Cycle NVNT a 5240MHz Ant0



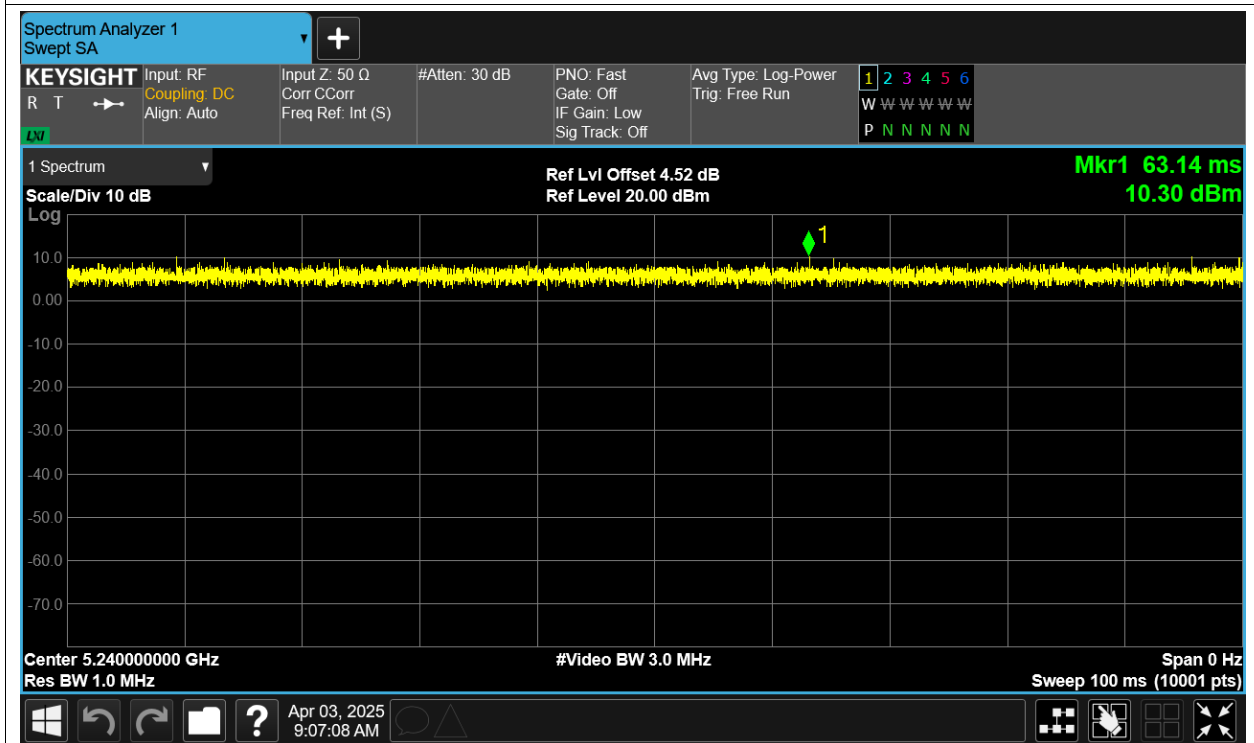
Duty Cycle NVNT a 5180MHz Ant8



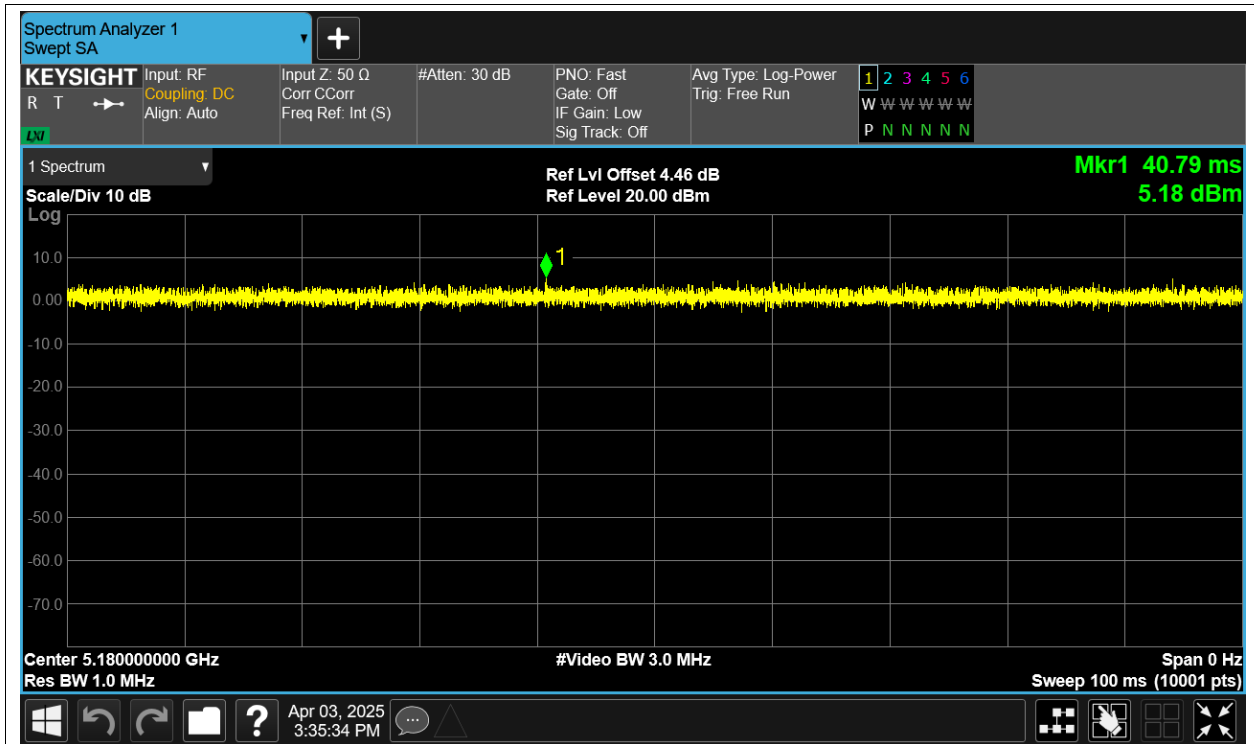
Duty Cycle NVNT a 5200MHz Ant8



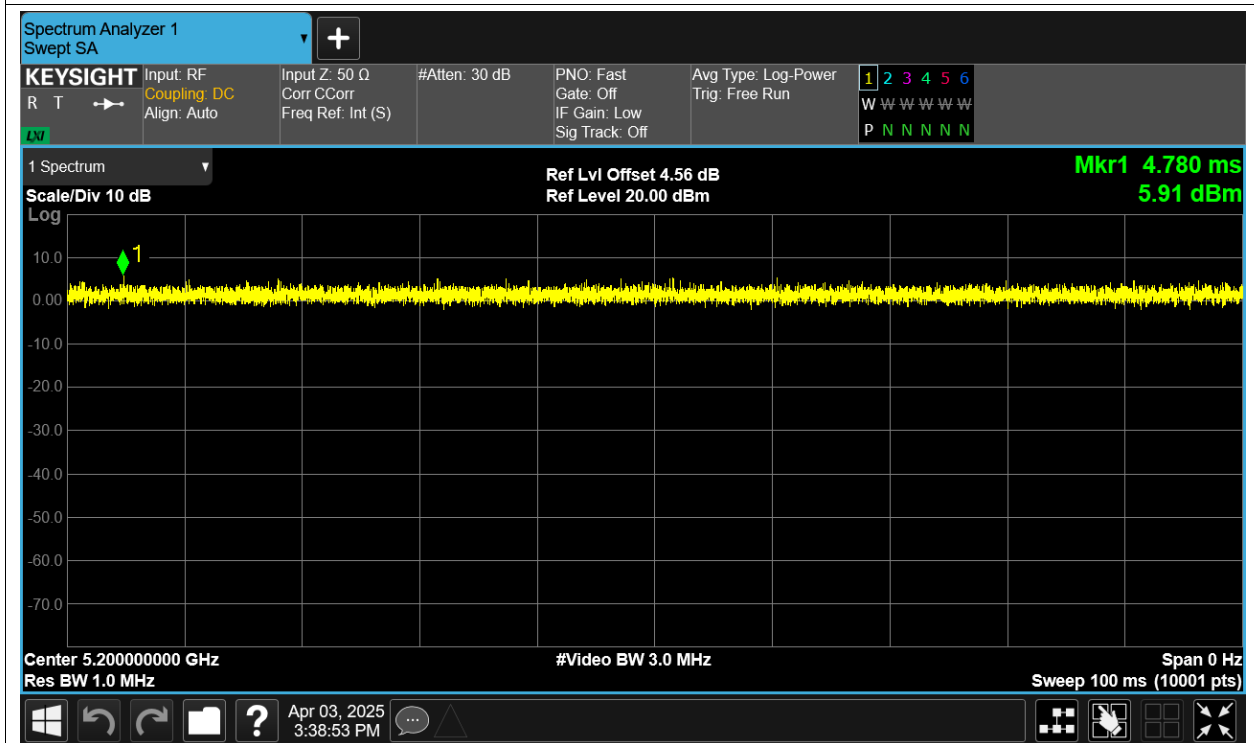
Duty Cycle NVNT a 5240MHz Ant8



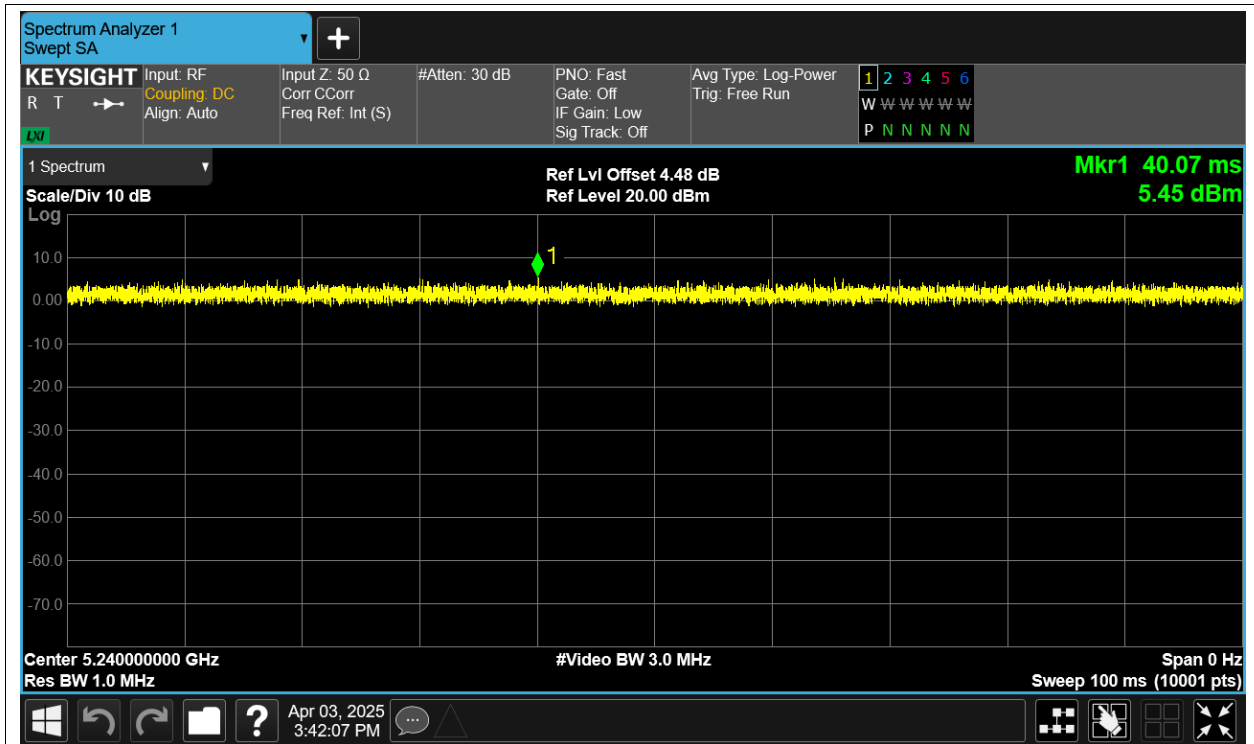
Duty Cycle NVNT ac20 5180MHz Sum



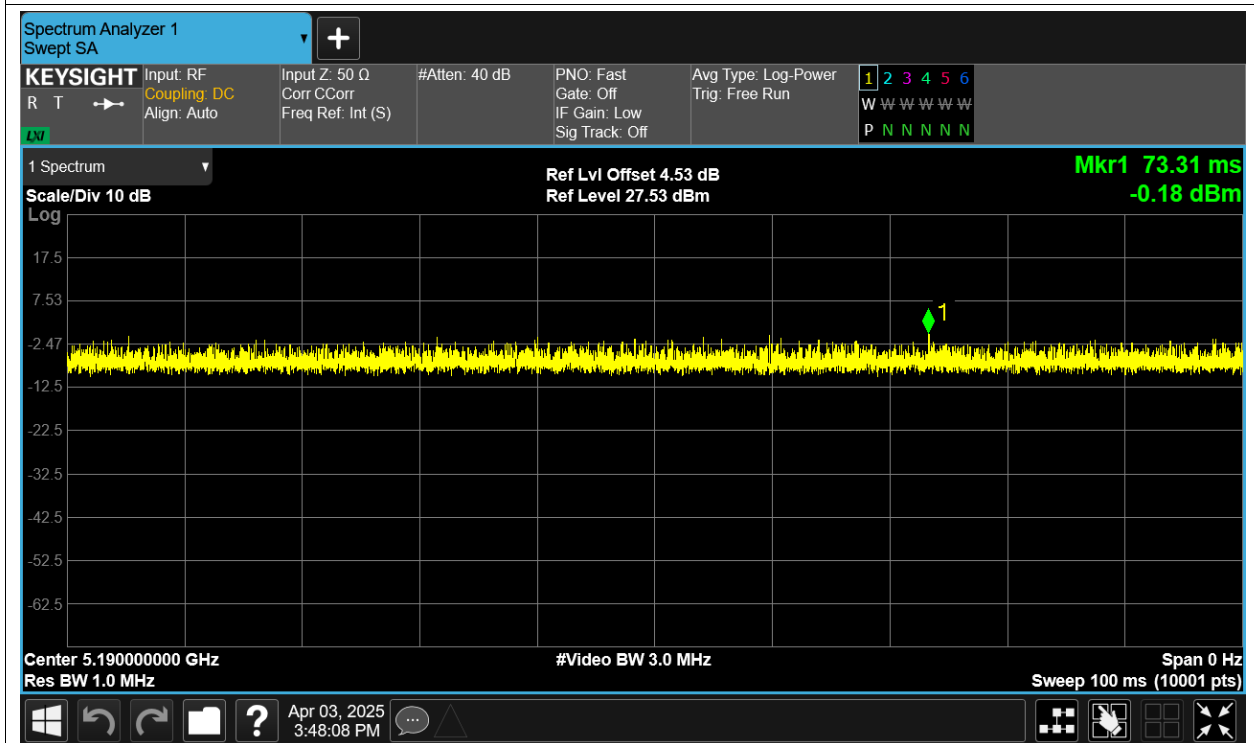
Duty Cycle NVNT ac20 5200MHz Sum



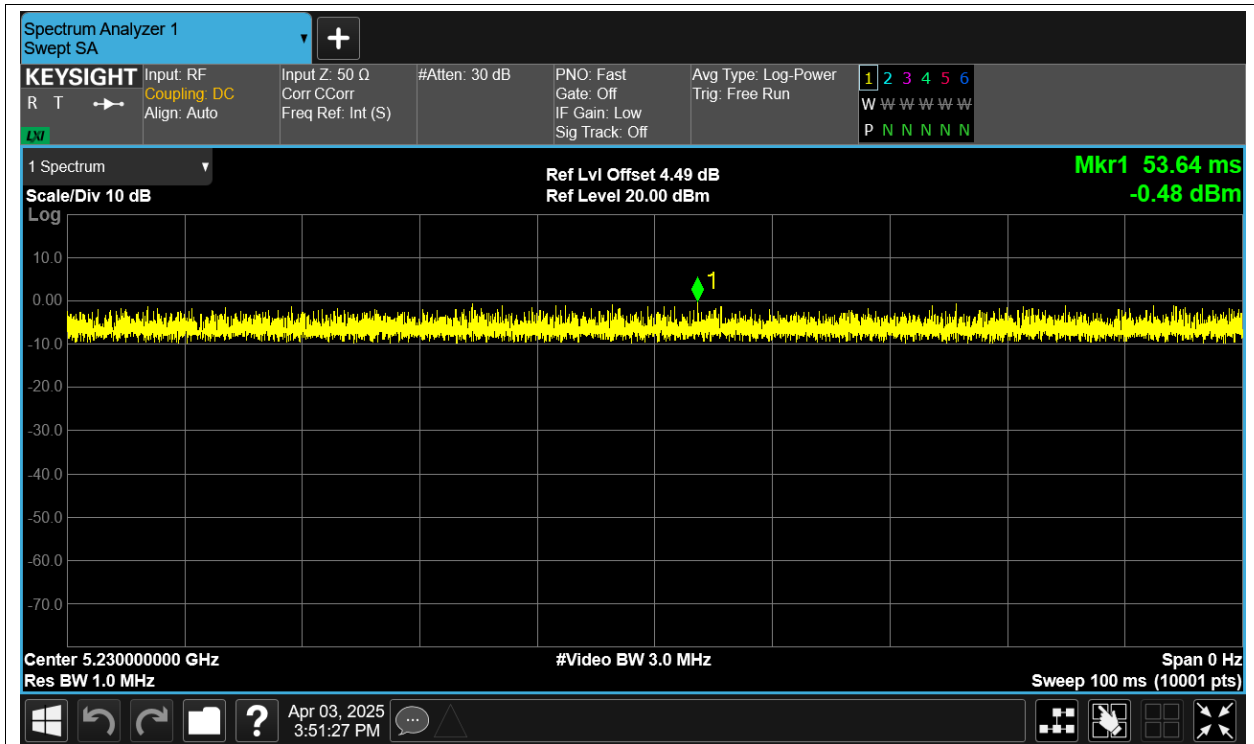
Duty Cycle NVNT ac20 5240MHz Sum



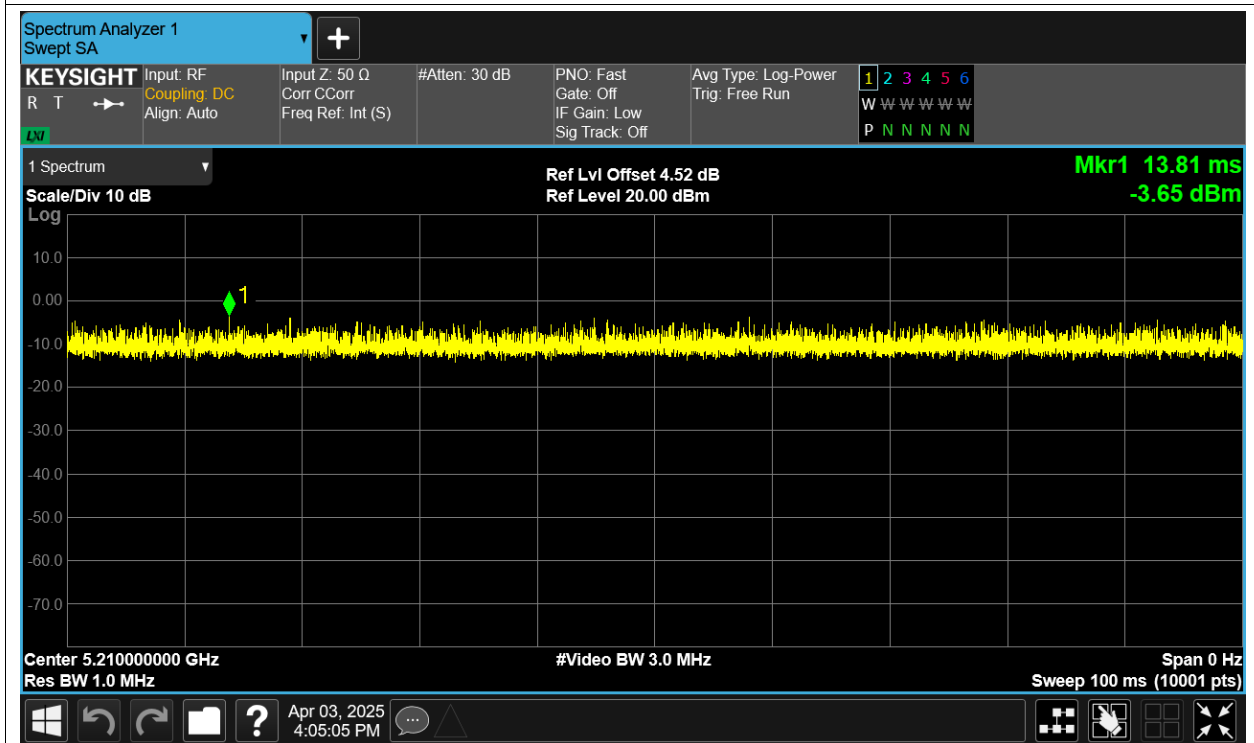
Duty Cycle NVNT ac40 5190MHz Sum



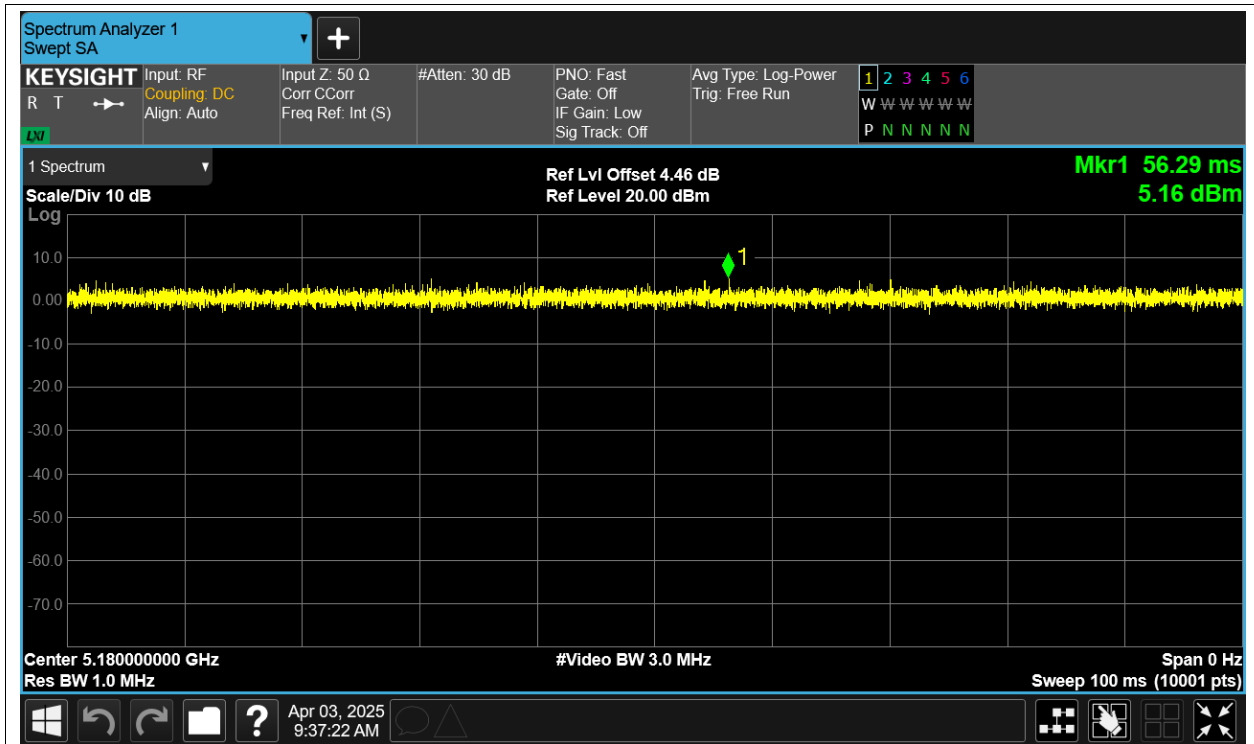
Duty Cycle NVNT ac40 5230MHz Sum



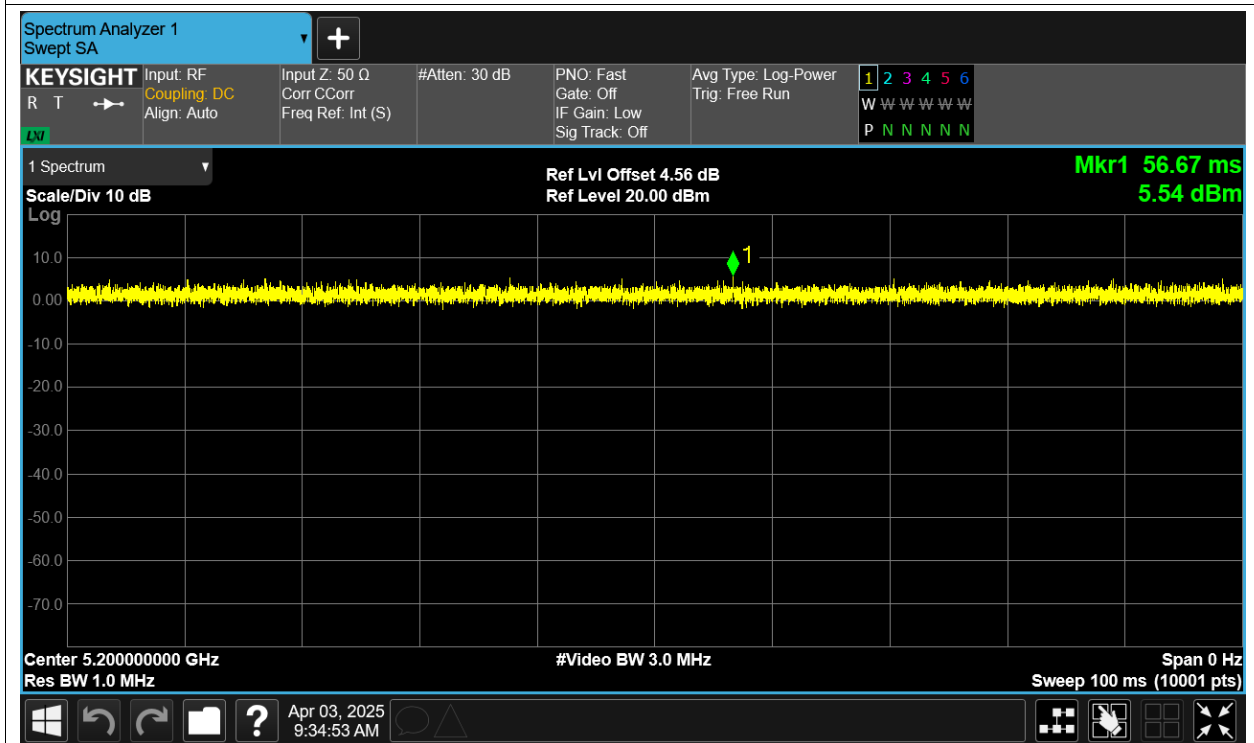
Duty Cycle NVNT ac80 5210MHz Sum



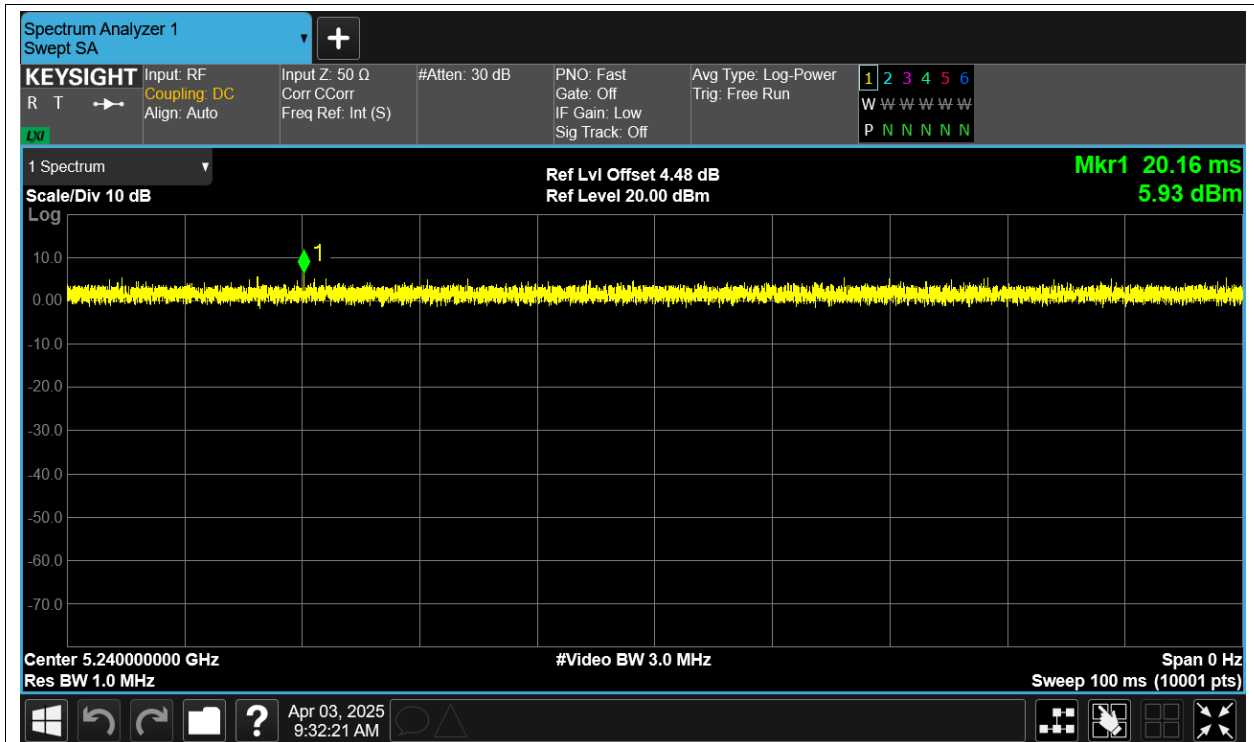
Duty Cycle NVNT n20 5180MHz Sum



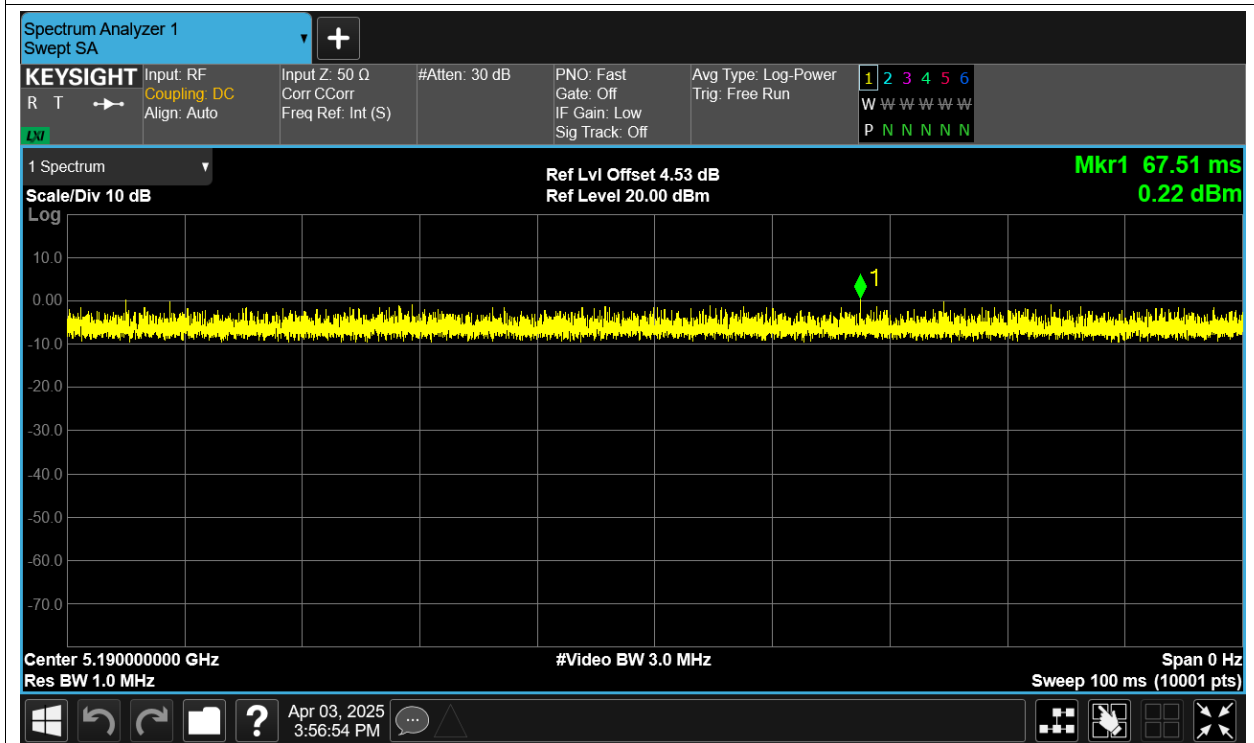
Duty Cycle NVNT n20 5200MHz Sum



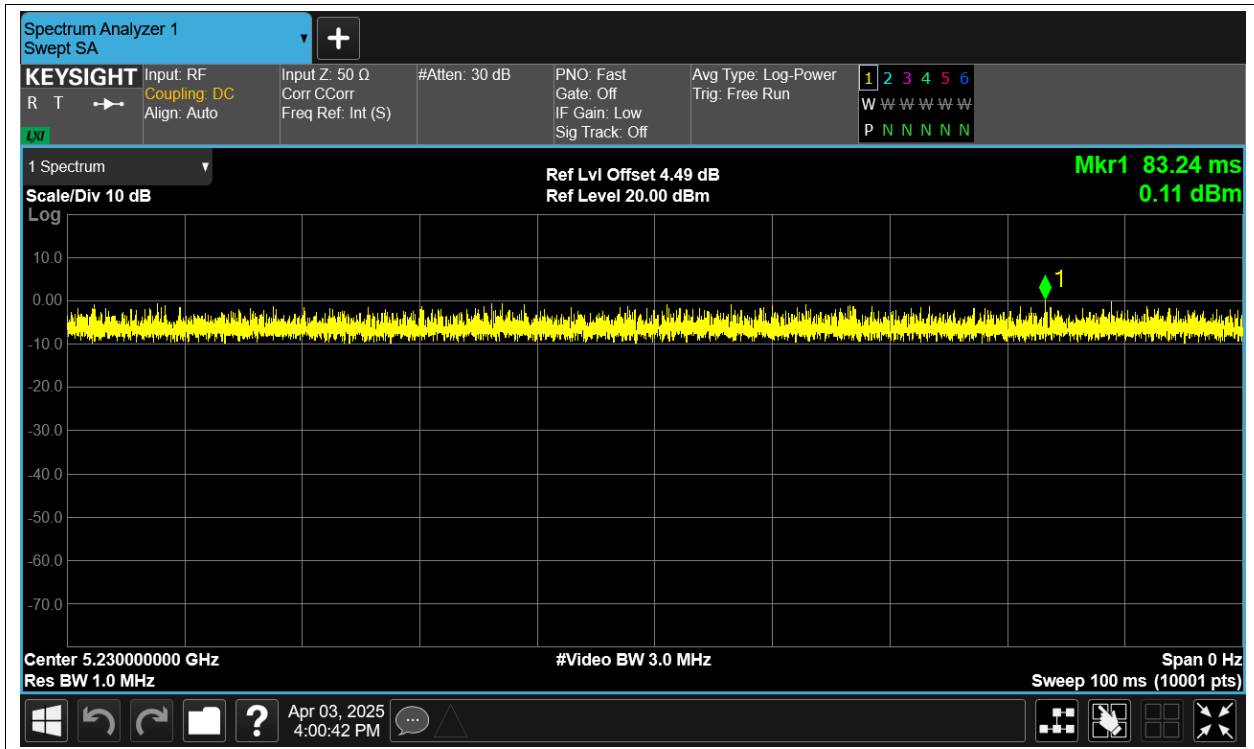
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



Maximum Conducted Output Power

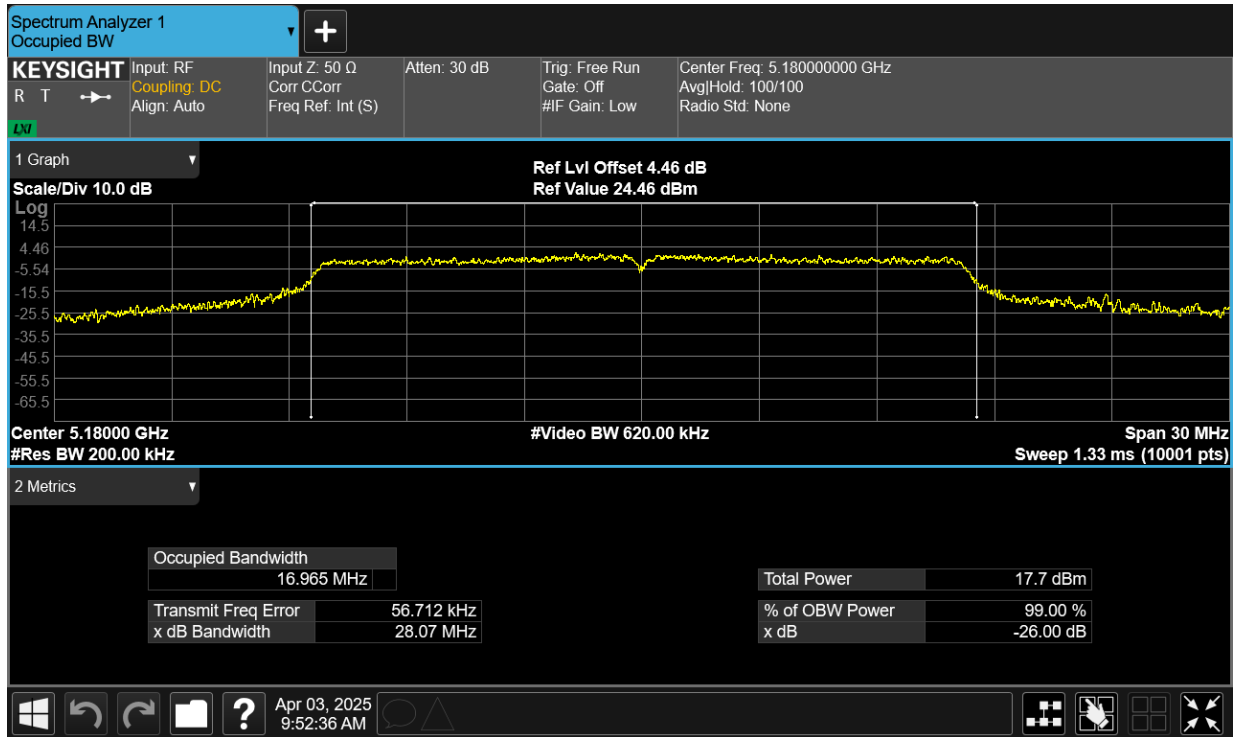
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	12.22	0	12.22	24	Pass
NVNT	a	5200	Ant0	12.78	0	12.78	24	Pass
NVNT	a	5240	Ant0	12.24	0	12.24	24	Pass
NVNT	a	5180	Ant8	12.6	0	12.6	24	Pass
NVNT	a	5200	Ant8	12.02	0	12.02	24	Pass
NVNT	a	5240	Ant8	12.68	0	12.68	24	Pass
NVNT	ac20	5180	Ant0	7.61	0	7.61	24	Pass
NVNT	ac20	5180	Ant8	9.6	0	9.6	24	Pass
NVNT	ac20	5180	Sum	11.728	0	11.728	24	Pass
NVNT	ac20	5200	Ant0	8.4	0	8.4	24	Pass
NVNT	ac20	5200	Ant8	9.25	0	9.25	24	Pass
NVNT	ac20	5200	Sum	11.856	0	11.856	24	Pass
NVNT	ac20	5240	Ant0	8.09	0	8.09	24	Pass
NVNT	ac20	5240	Ant8	8.95	0	8.95	24	Pass
NVNT	ac20	5240	Sum	11.552	0	11.552	24	Pass
NVNT	ac40	5190	Ant0	6.46	0	6.46	24	Pass
NVNT	ac40	5190	Ant8	7.9	0	7.9	24	Pass
NVNT	ac40	5190	Sum	10.25	0	10.25	24	Pass
NVNT	ac40	5230	Ant0	6.65	0	6.65	24	Pass
NVNT	ac40	5230	Ant8	7.1	0	7.1	24	Pass
NVNT	ac40	5230	Sum	9.891	0	9.891	24	Pass
NVNT	ac80	5210	Ant0	6.97	0	6.97	24	Pass
NVNT	ac80	5210	Ant8	7.69	0	7.69	24	Pass
NVNT	ac80	5210	Sum	10.355	0	10.355	24	Pass
NVNT	n20	5180	Ant0	7.53	0	7.53	24	Pass
NVNT	n20	5180	Ant8	9.71	0	9.71	24	Pass
NVNT	n20	5180	Sum	11.766	0	11.766	24	Pass
NVNT	n20	5200	Ant0	8.58	0	8.58	24	Pass
NVNT	n20	5200	Ant8	9.32	0	9.32	24	Pass
NVNT	n20	5200	Sum	11.976	0	11.976	24	Pass
NVNT	n20	5240	Ant0	8.21	0	8.21	24	Pass
NVNT	n20	5240	Ant8	8.9	0	8.9	24	Pass
NVNT	n20	5240	Sum	11.579	0	11.579	24	Pass
NVNT	n40	5190	Ant0	6.66	0	6.66	24	Pass
NVNT	n40	5190	Ant8	8.32	0	8.32	24	Pass
NVNT	n40	5190	Sum	10.579	0	10.579	24	Pass
NVNT	n40	5230	Ant0	6.76	0	6.76	24	Pass
NVNT	n40	5230	Ant8	7.08	0	7.08	24	Pass
NVNT	n40	5230	Sum	9.933	0	9.933	24	Pass

Occupied Channel Bandwidth

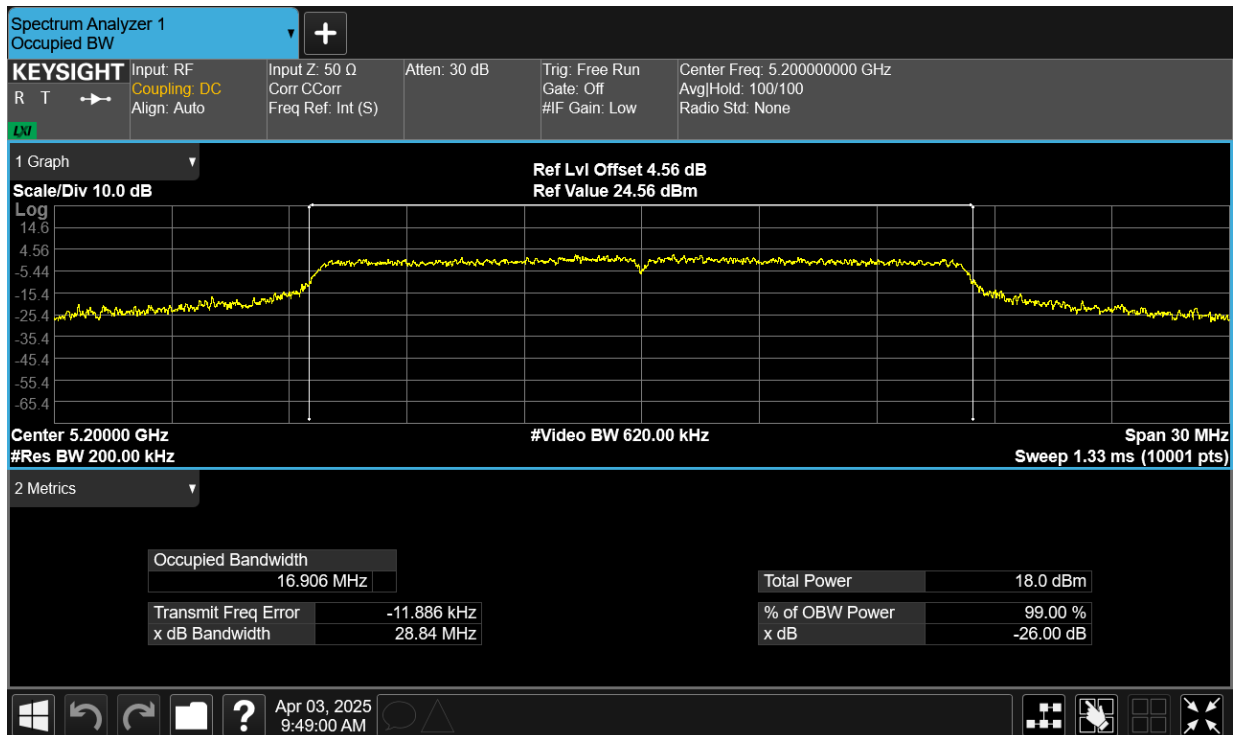
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant0	16.965
NVNT	a	5200	Ant0	16.906
NVNT	a	5240	Ant0	16.588
NVNT	a	5180	Ant8	16.931
NVNT	a	5200	Ant8	16.841
NVNT	a	5240	Ant8	16.583
NVNT	ac20	5180	Ant0	18.096
NVNT	ac20	5180	Ant8	18.057
NVNT	ac20	5200	Ant0	18.128
NVNT	ac20	5200	Ant8	18.055
NVNT	ac20	5240	Ant0	17.798
NVNT	ac20	5240	Ant8	17.735
NVNT	ac40	5190	Ant0	36.225
NVNT	ac40	5190	Ant8	36.201
NVNT	ac40	5230	Ant0	36.093
NVNT	ac40	5230	Ant8	35.991
NVNT	ac80	5210	Ant0	75.883
NVNT	ac80	5210	Ant8	75.619
NVNT	n20	5180	Ant0	18.095
NVNT	n20	5180	Ant8	18.088
NVNT	n20	5200	Ant0	18.058
NVNT	n20	5200	Ant8	18.105
NVNT	n20	5240	Ant0	17.805
NVNT	n20	5240	Ant8	17.743
NVNT	n40	5190	Ant0	36.212
NVNT	n40	5190	Ant8	36.184
NVNT	n40	5230	Ant0	36.135
NVNT	n40	5230	Ant8	36.033

Test Graphs

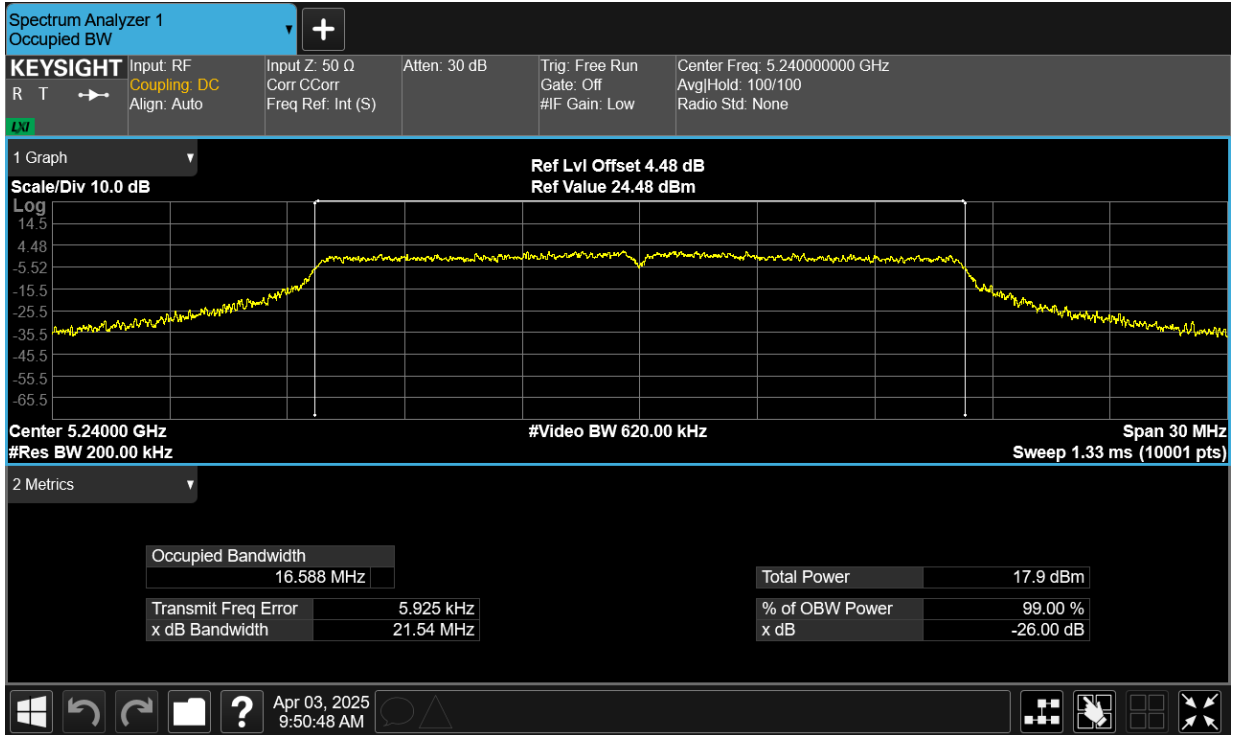
OBW NVNT a 5180MHz Ant0



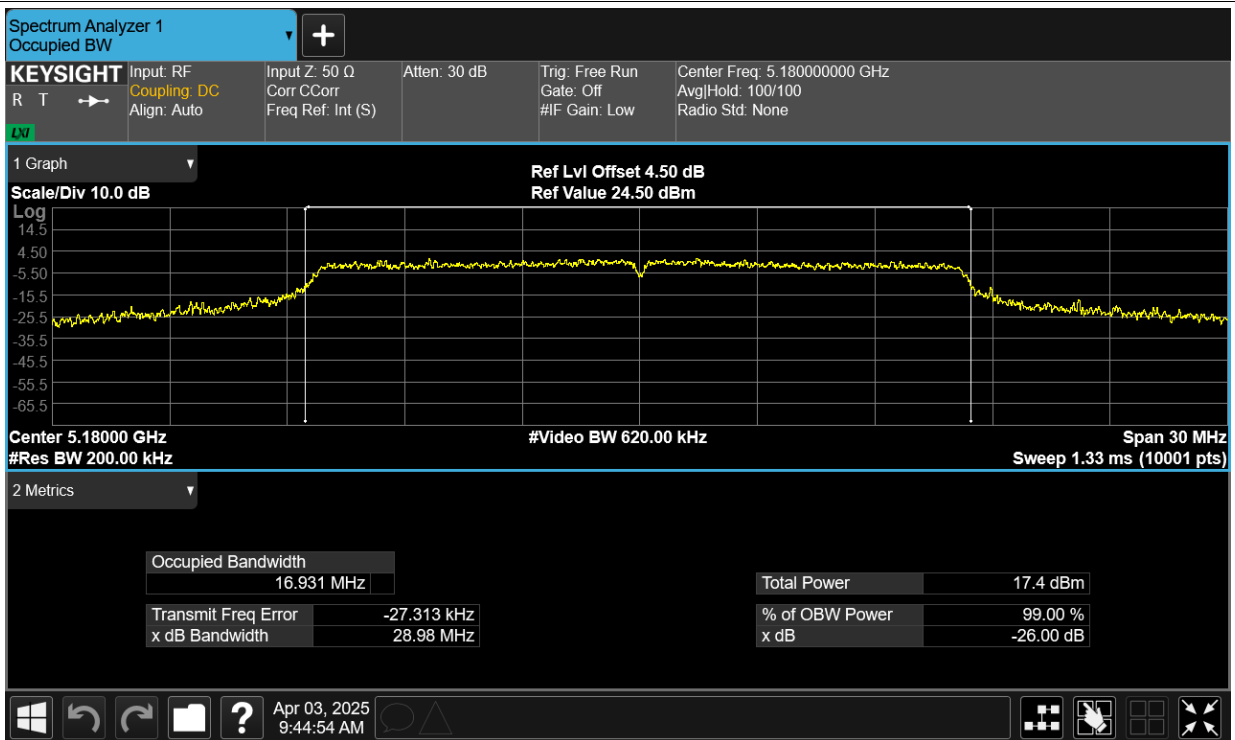
OBW NVNT a 5200MHz Ant0



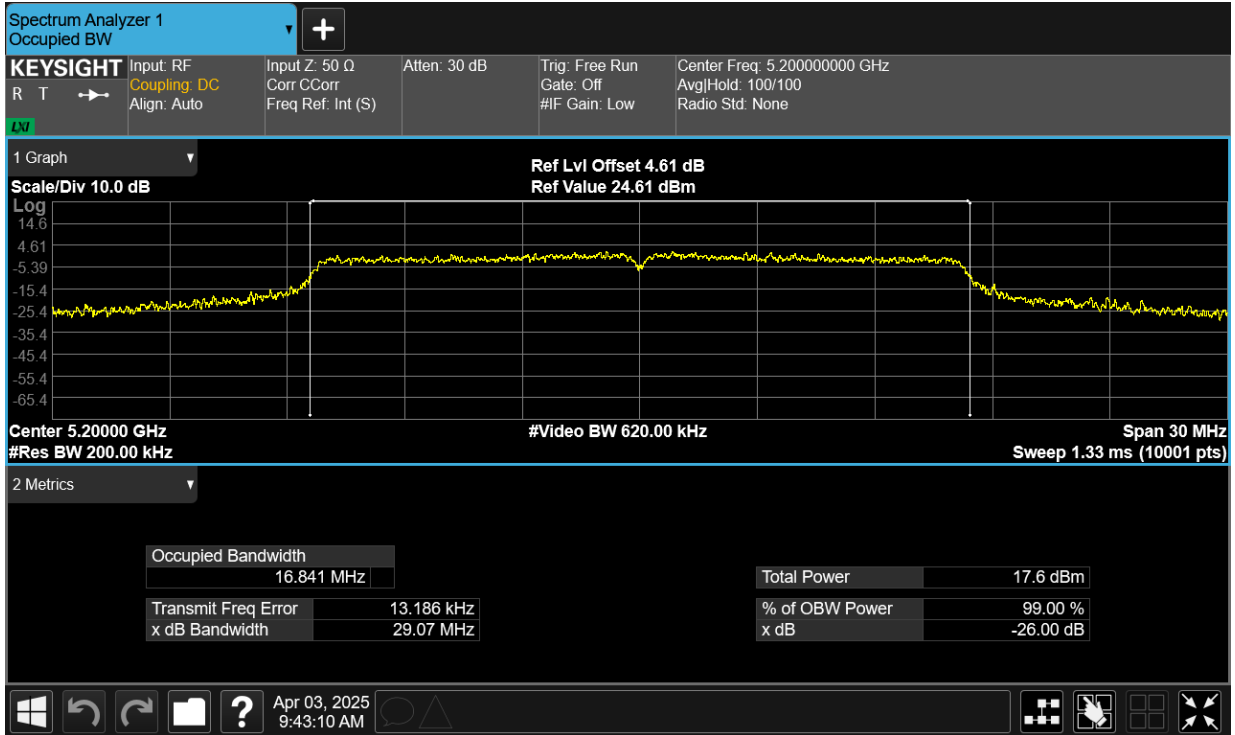
OBW NVNT a 5240MHz Ant0



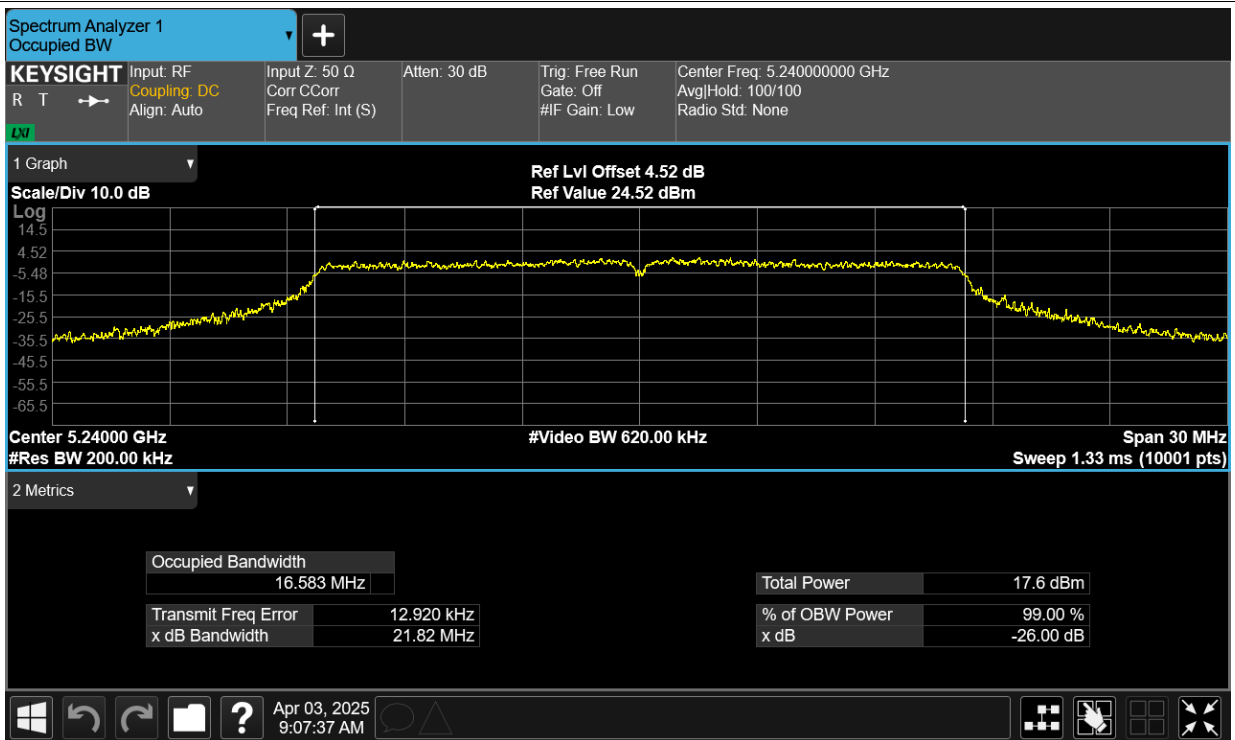
OBW NVNT a 5180MHz Ant8



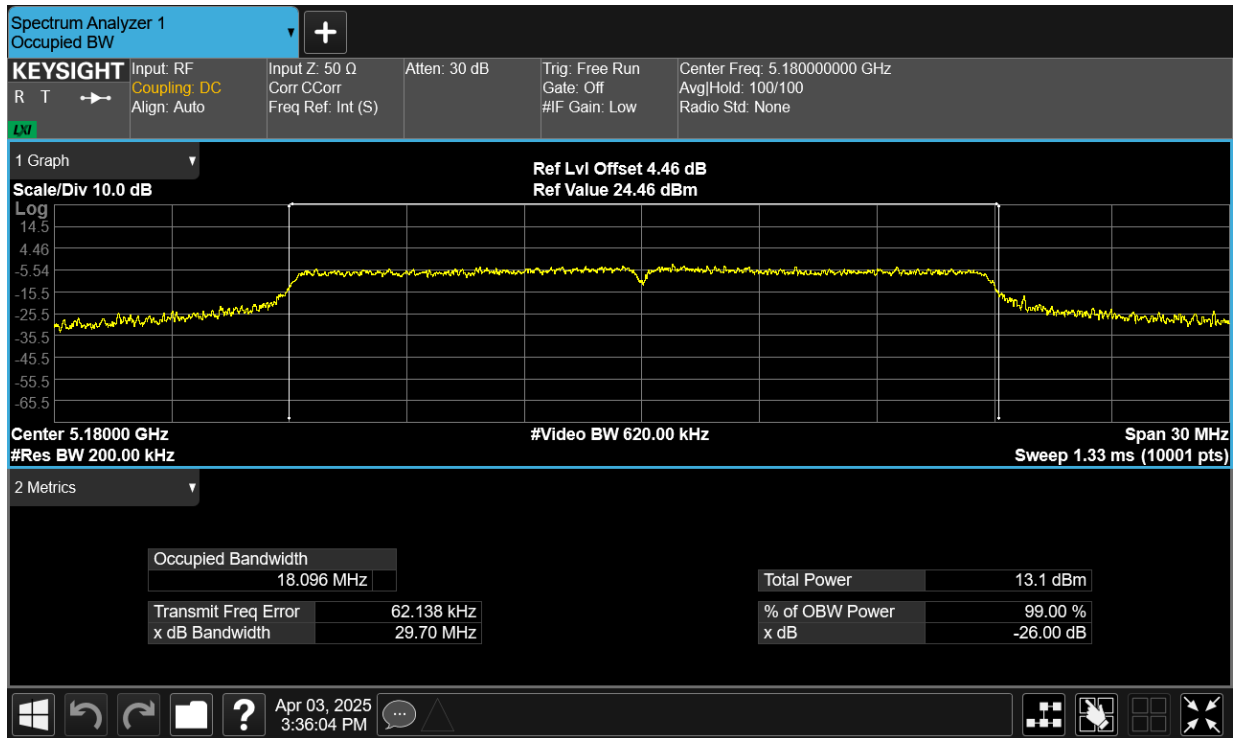
OBW NVNT a 5200MHz Ant8



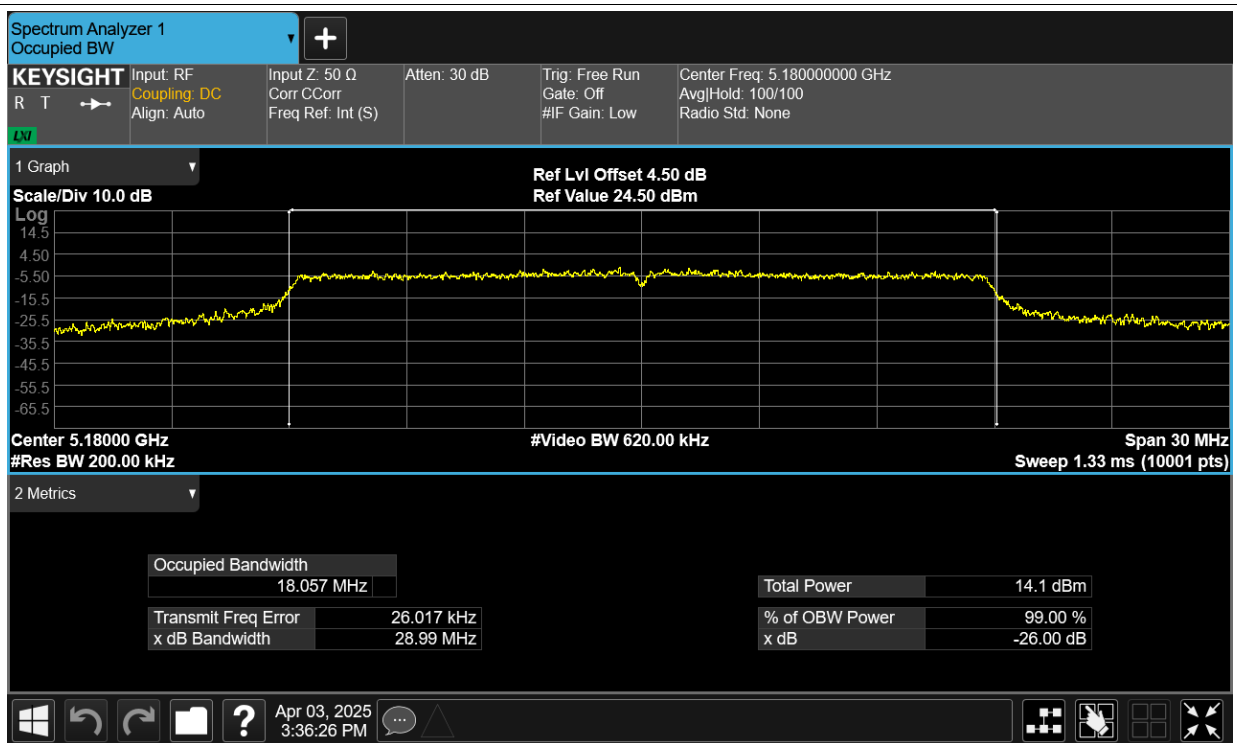
OBW NVNT a 5240MHz Ant8



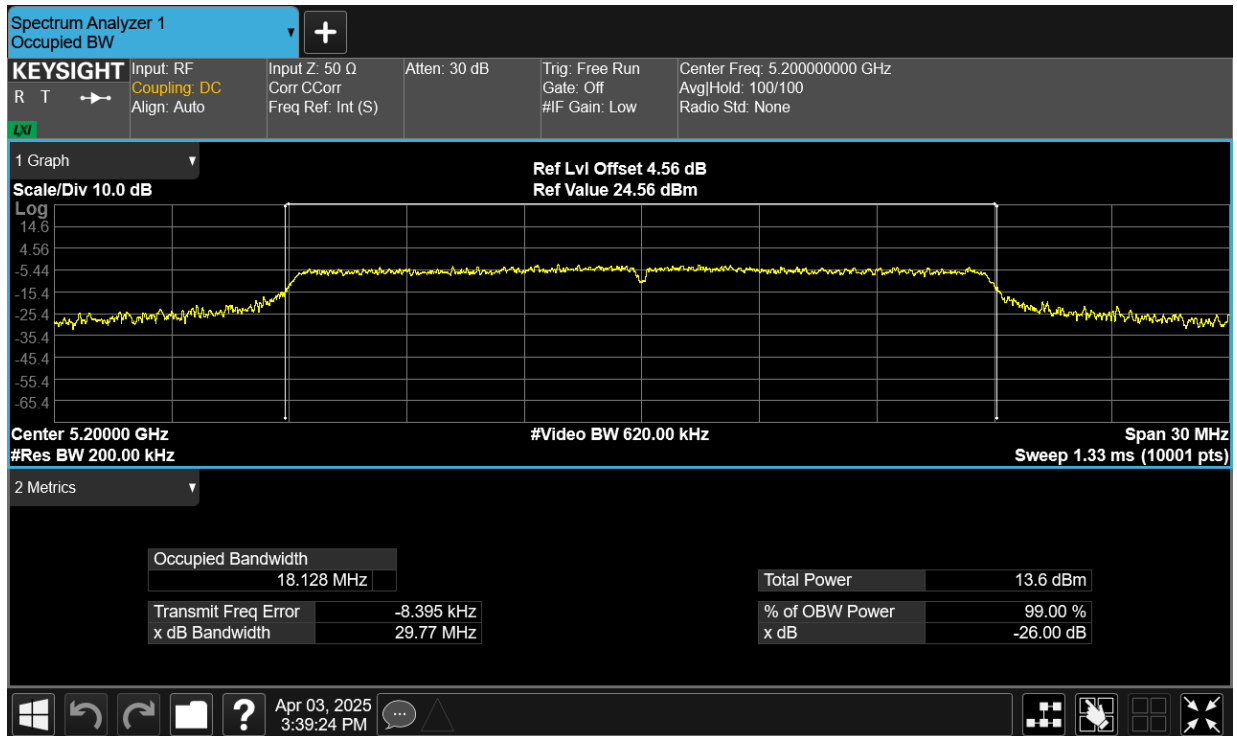
OBW NVNT ac20 5180MHz Ant0



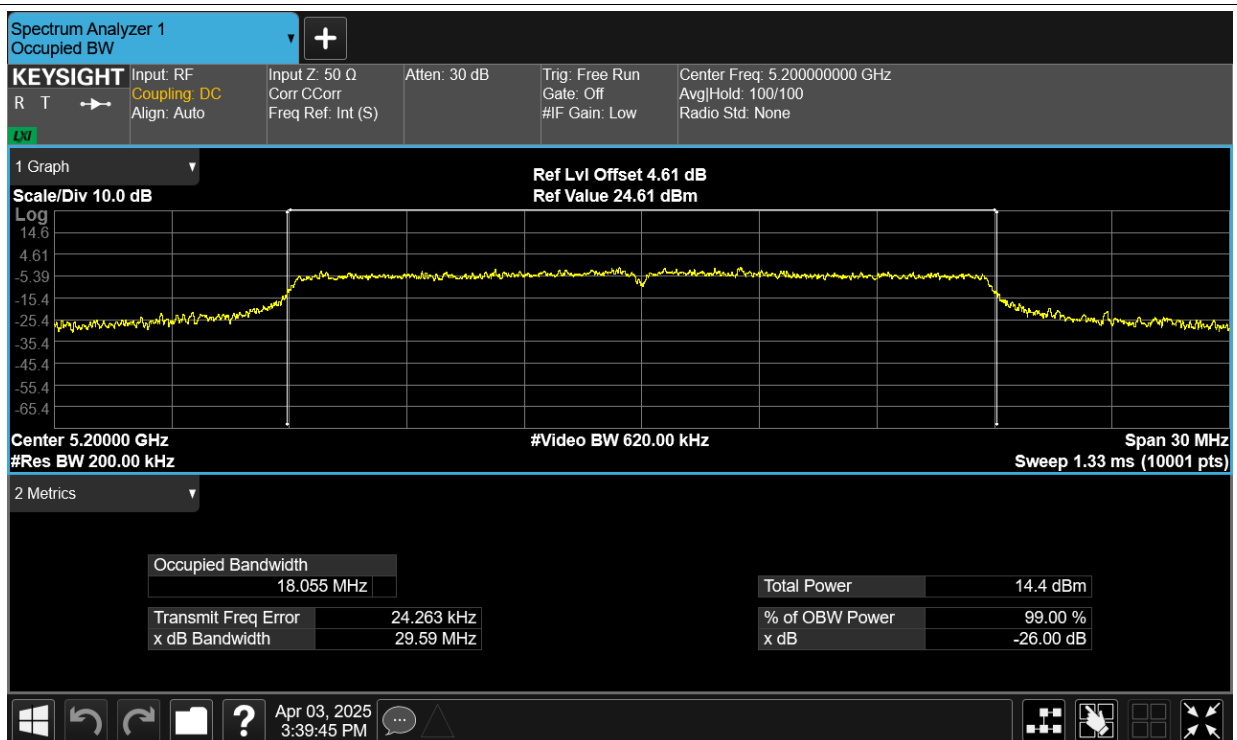
OBW NVNT ac20 5180MHz Ant8



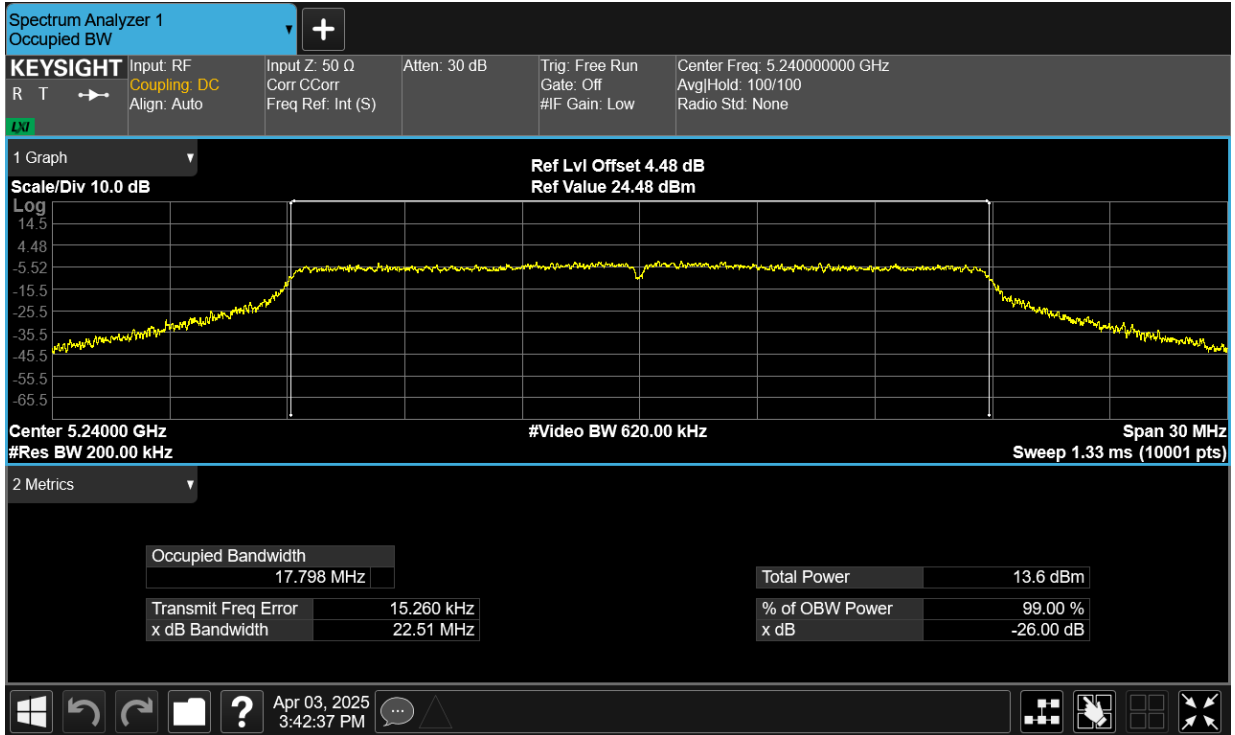
OBW NVNT ac20 5200MHz Ant0



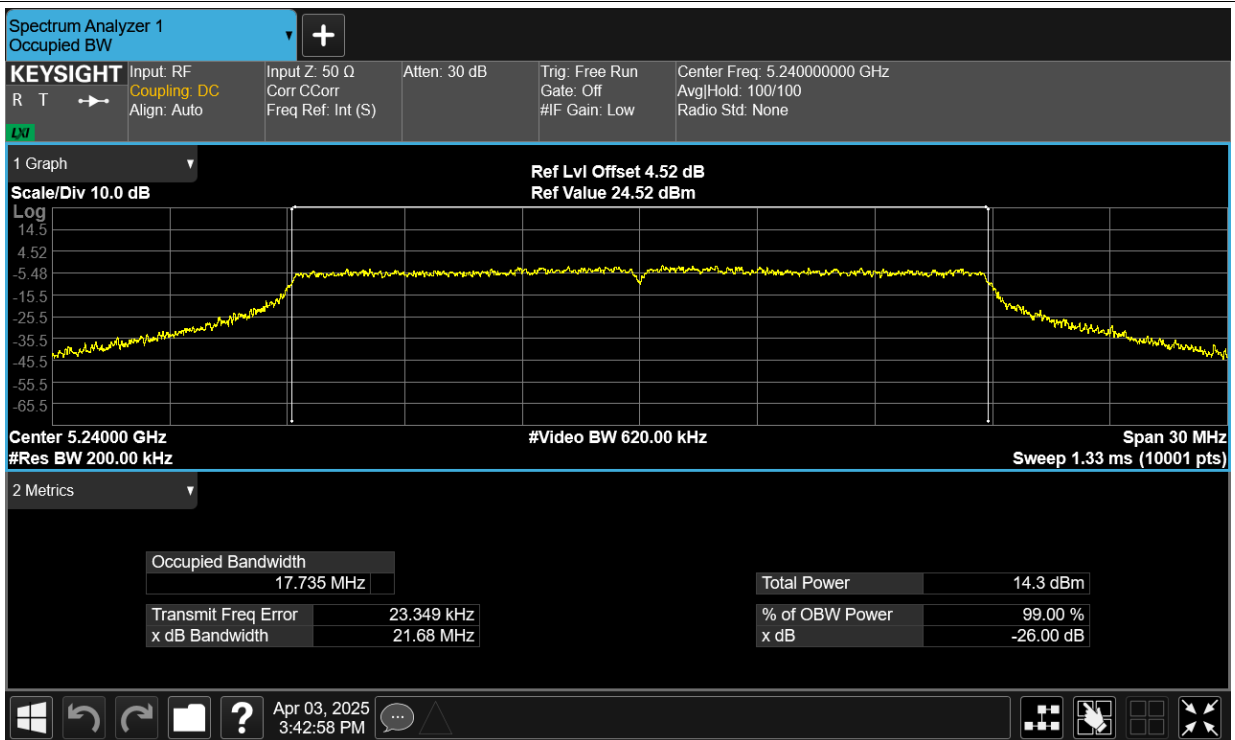
OBW NVNT ac20 5200MHz Ant8



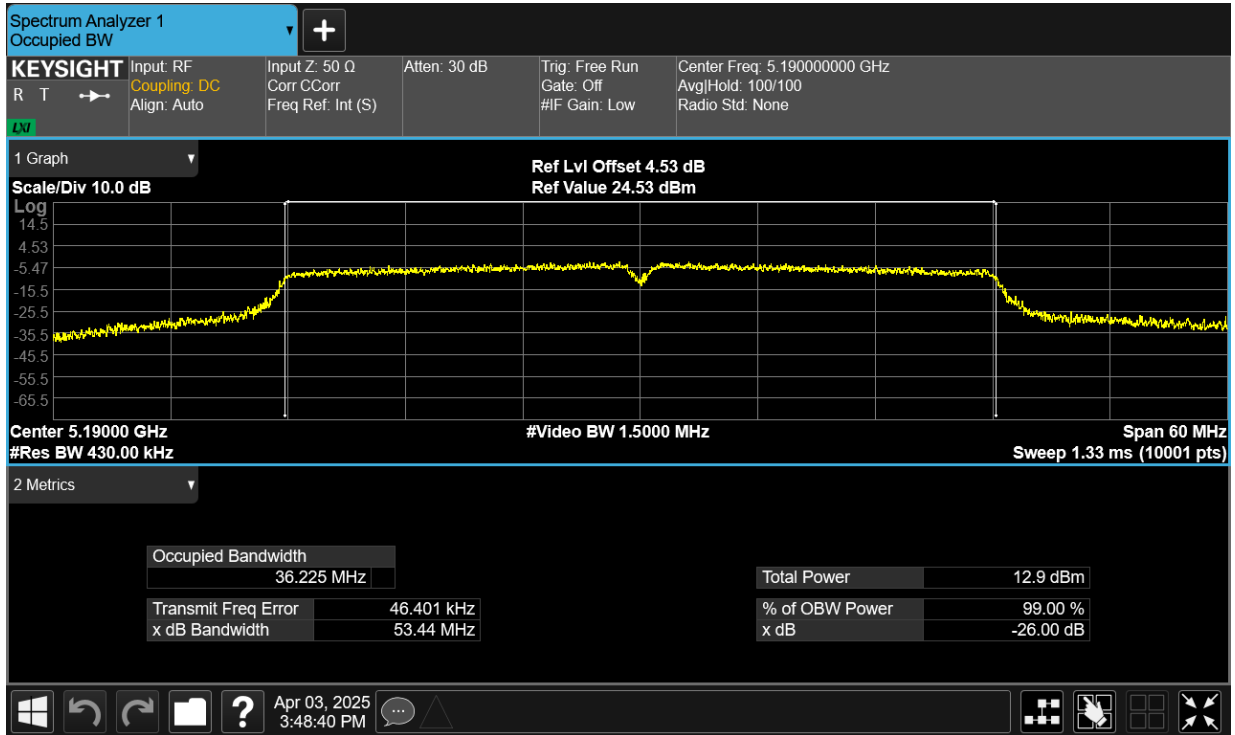
OBW NVNT ac20 5240MHz Ant0



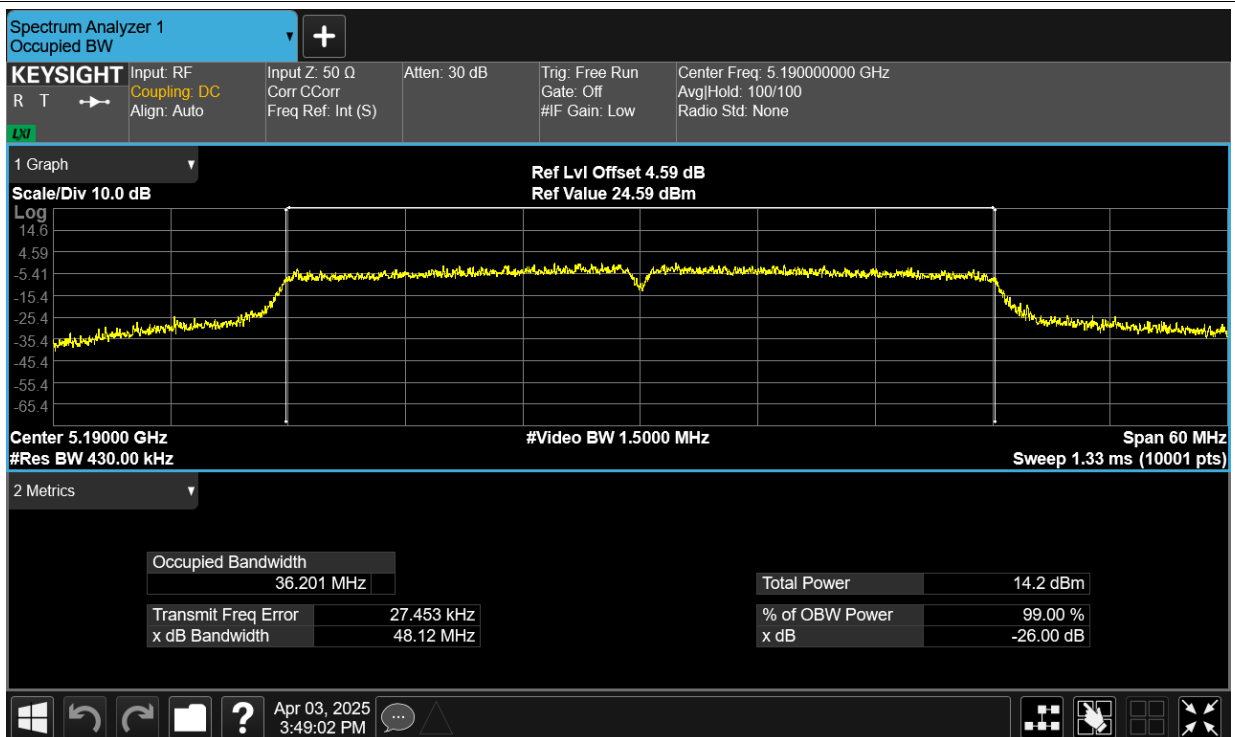
OBW NVNT ac20 5240MHz Ant8



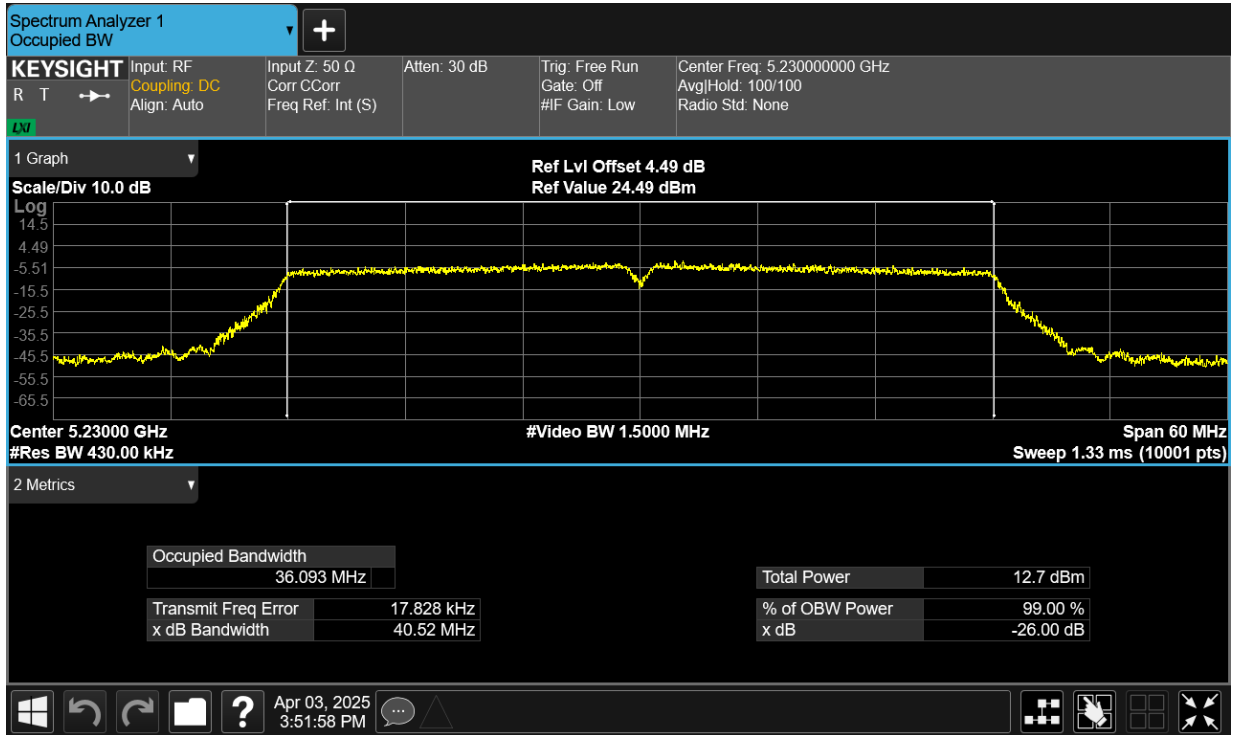
OBW NVNT ac40 5190MHz Ant0



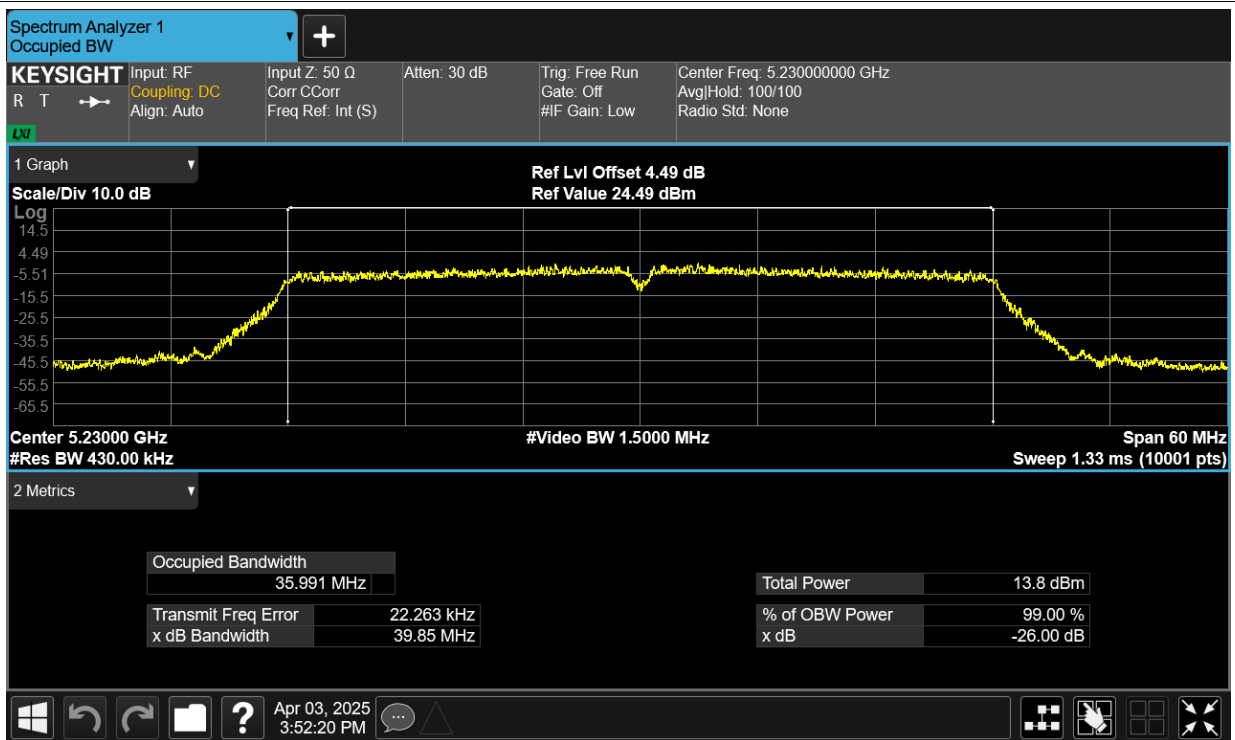
OBW NVNT ac40 5190MHz Ant8



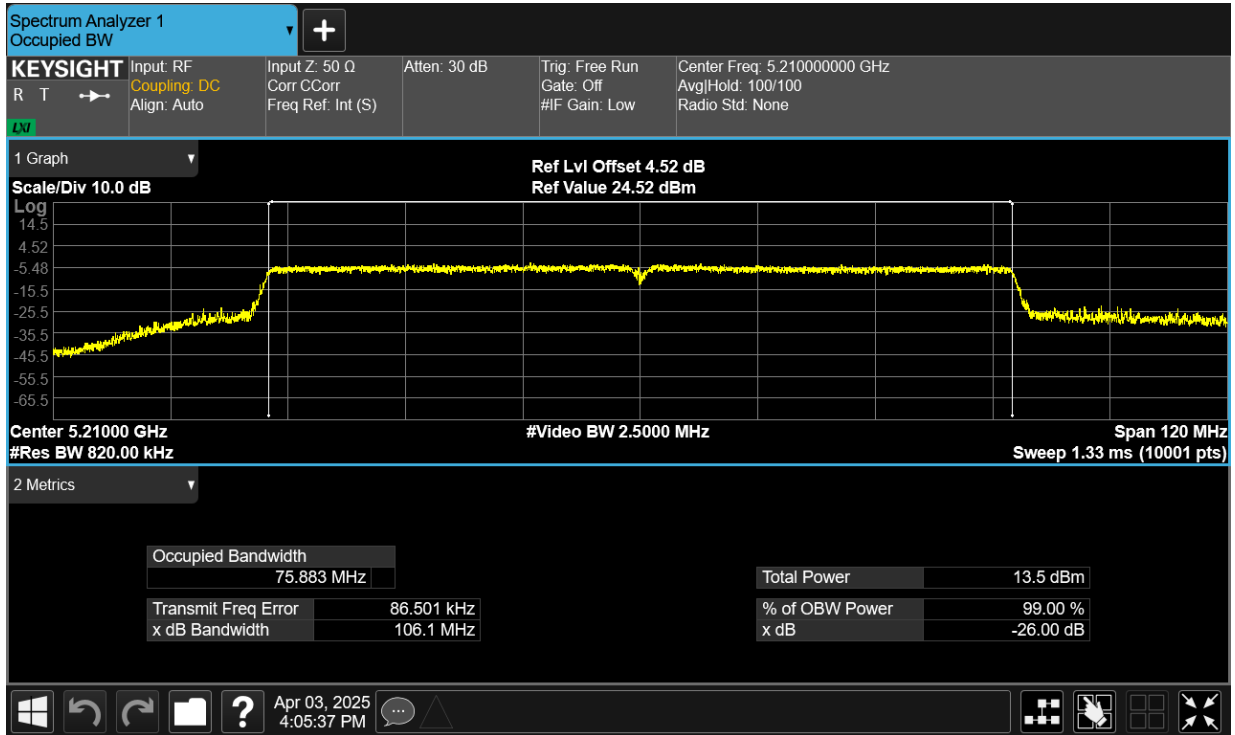
OBW NVNT ac40 5230MHz Ant0



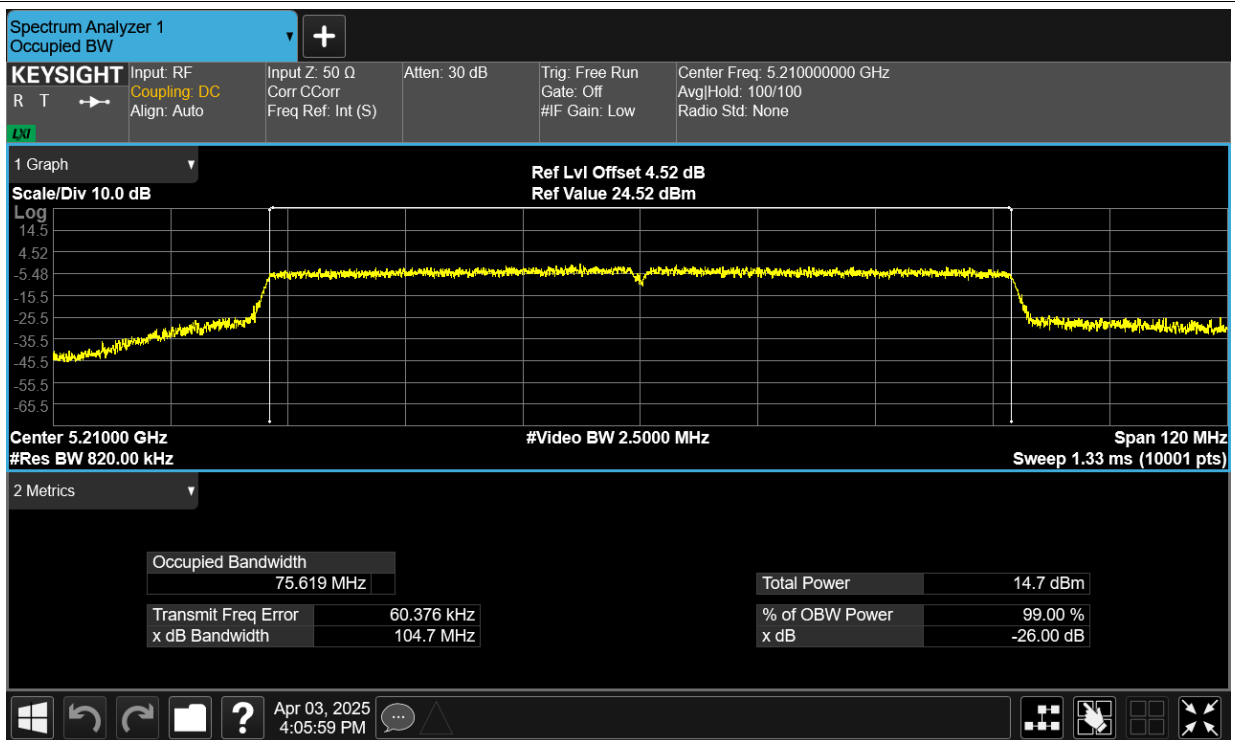
OBW NVNT ac40 5230MHz Ant8



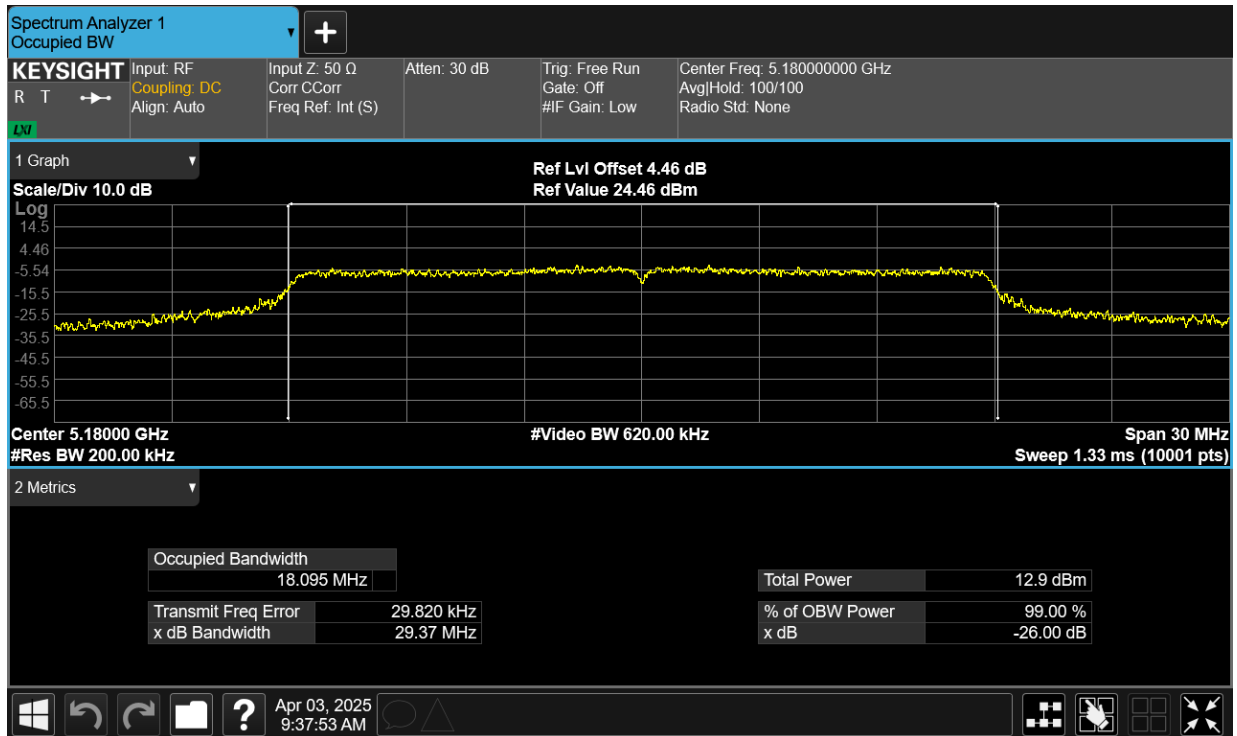
OBW NVNT ac80 5210MHz Ant0



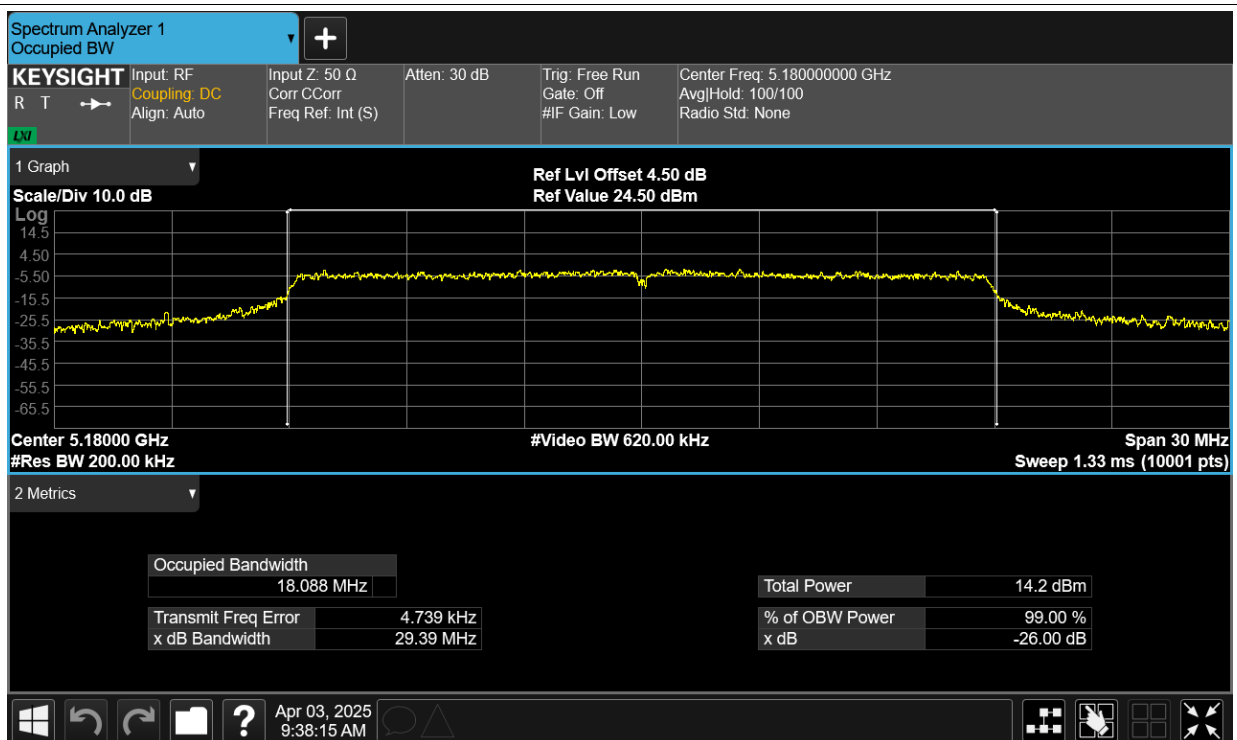
OBW NVNT ac80 5210MHz Ant8



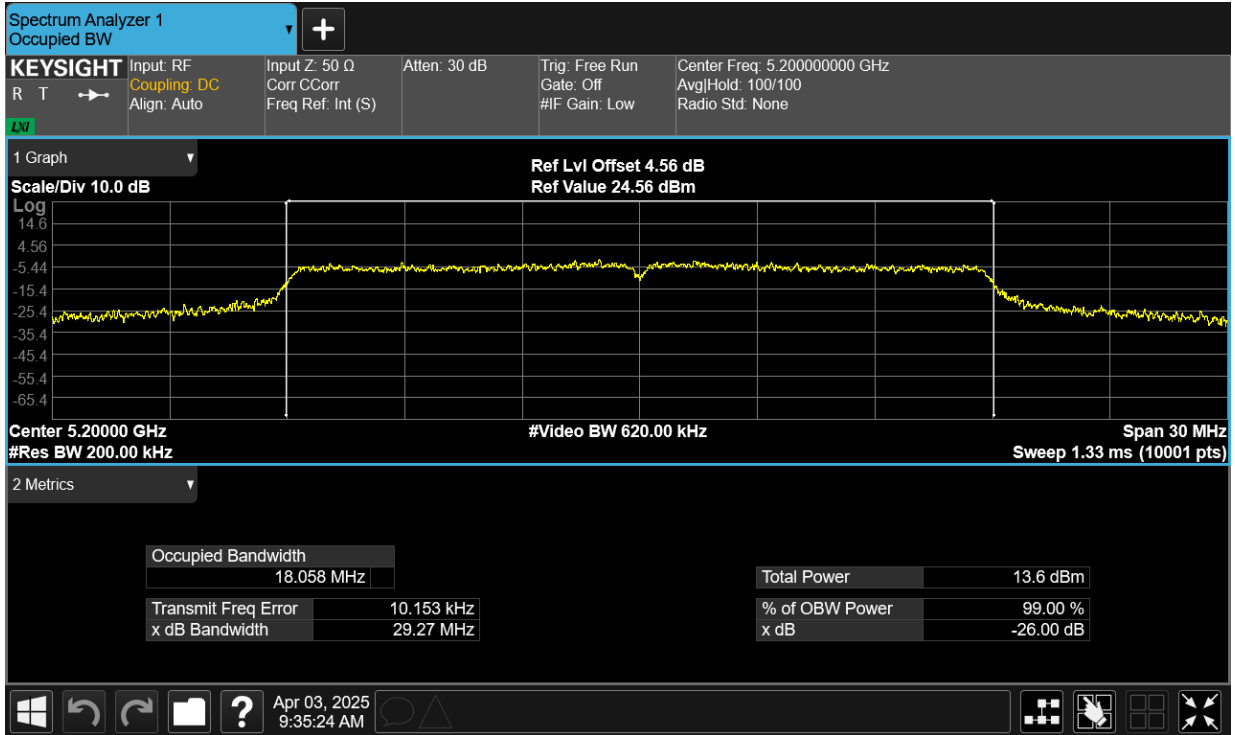
OBW NVNT n20 5180MHz Ant0



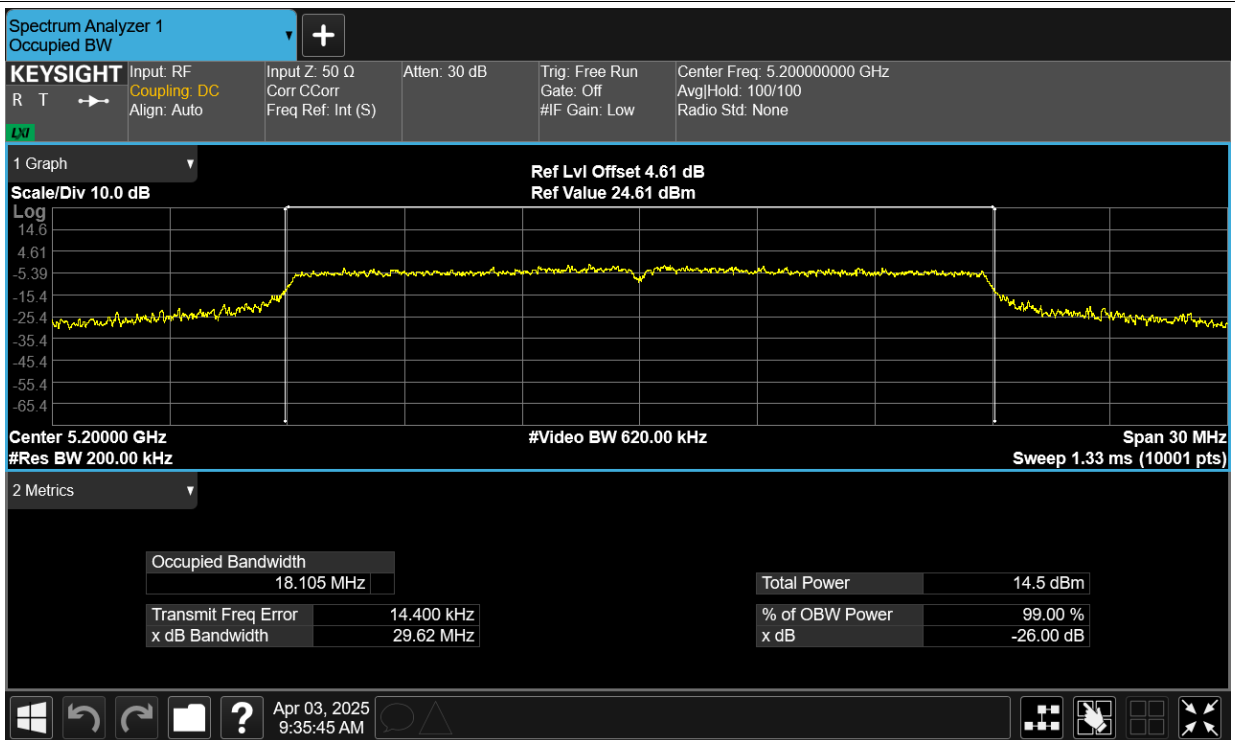
OBW NVNT n20 5180MHz Ant8



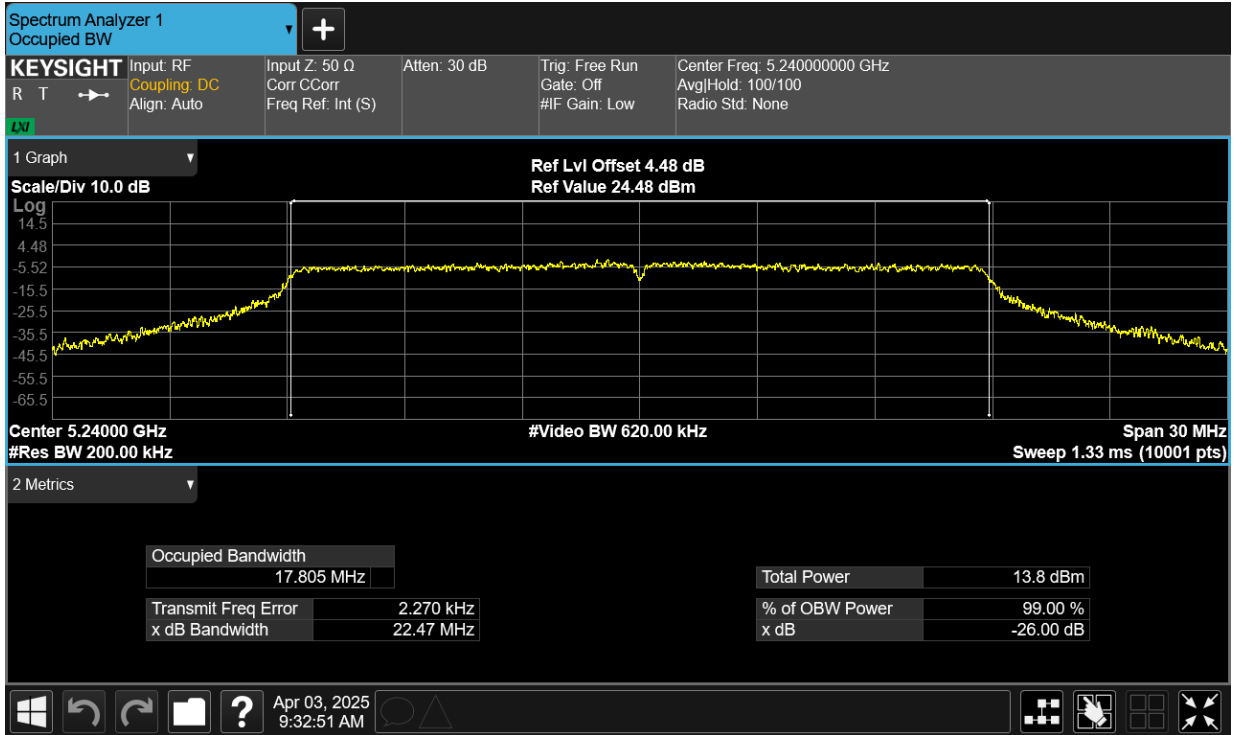
OBW NVNT n20 5200MHz Ant0



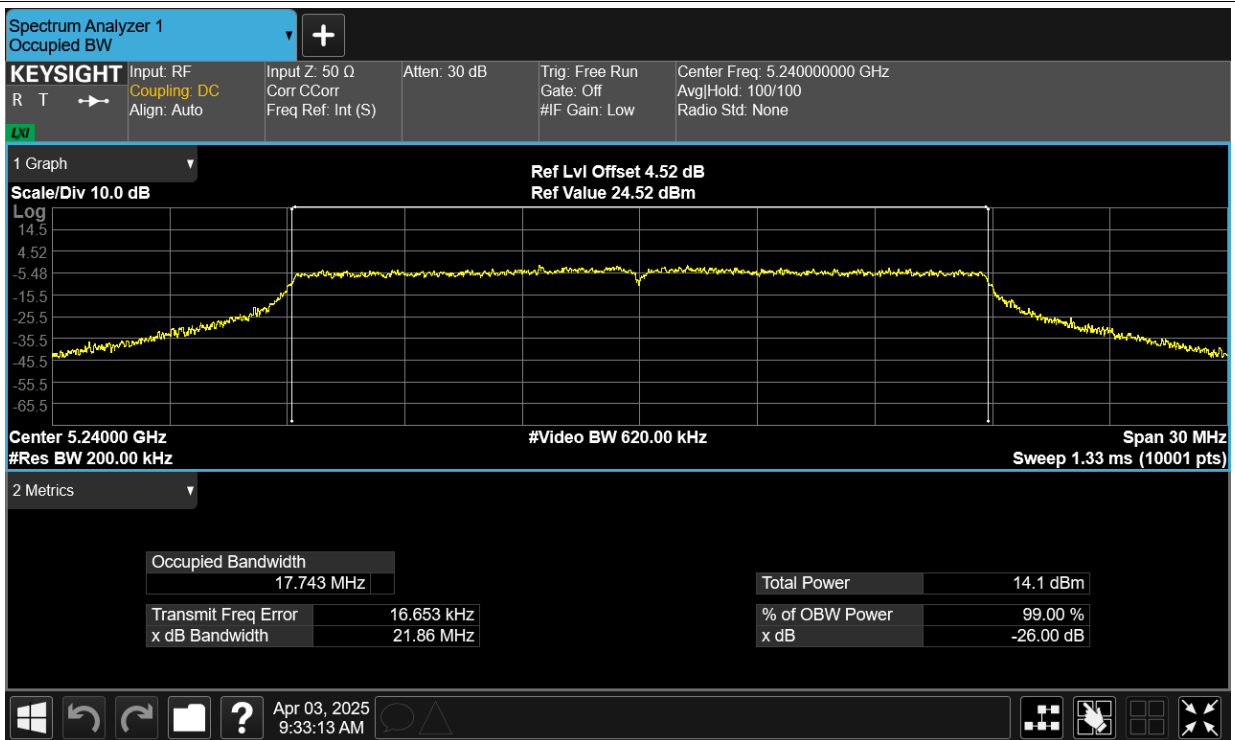
OBW NVNT n20 5200MHz Ant8



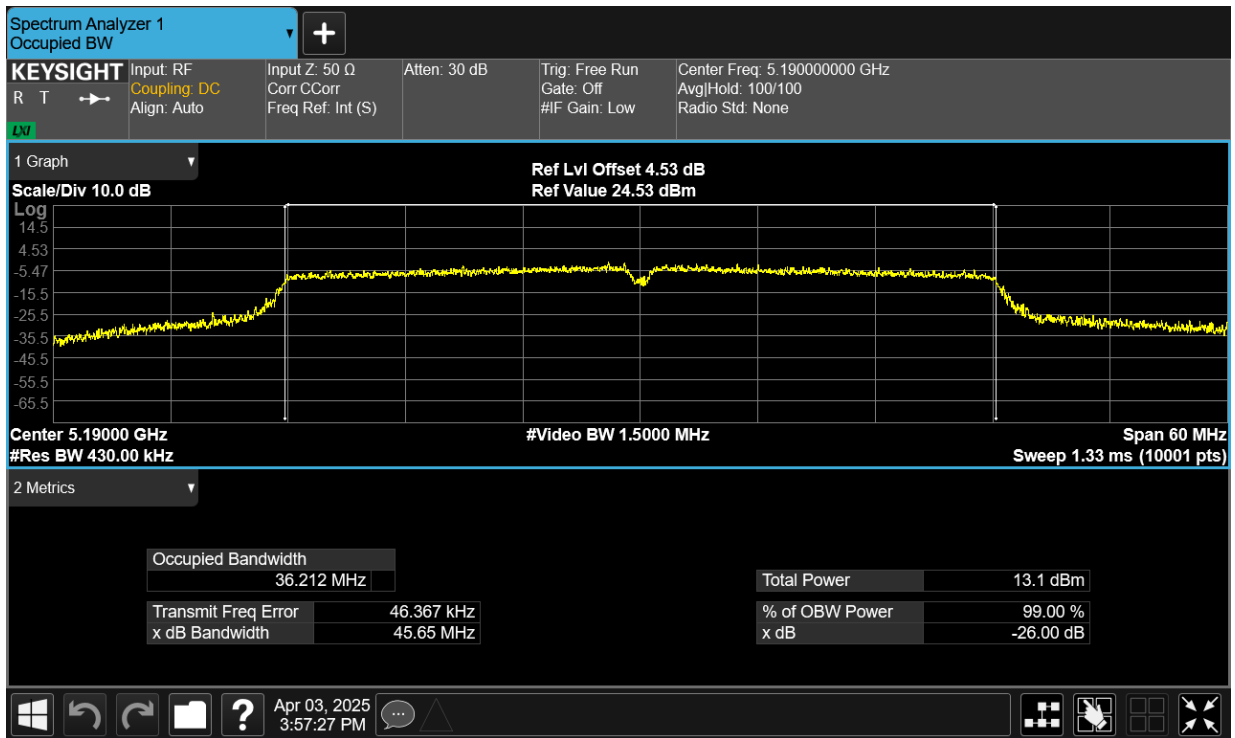
OBW NVNT n20 5240MHz Ant0



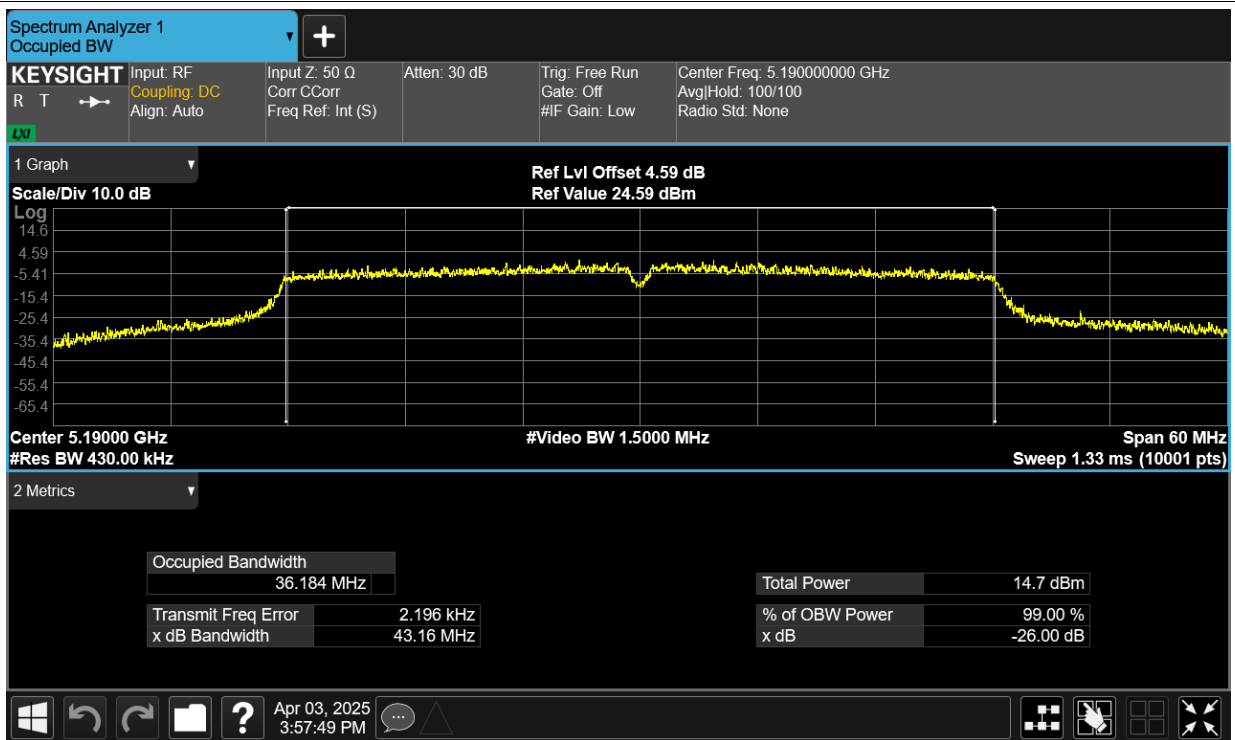
OBW NVNT n20 5240MHz Ant8



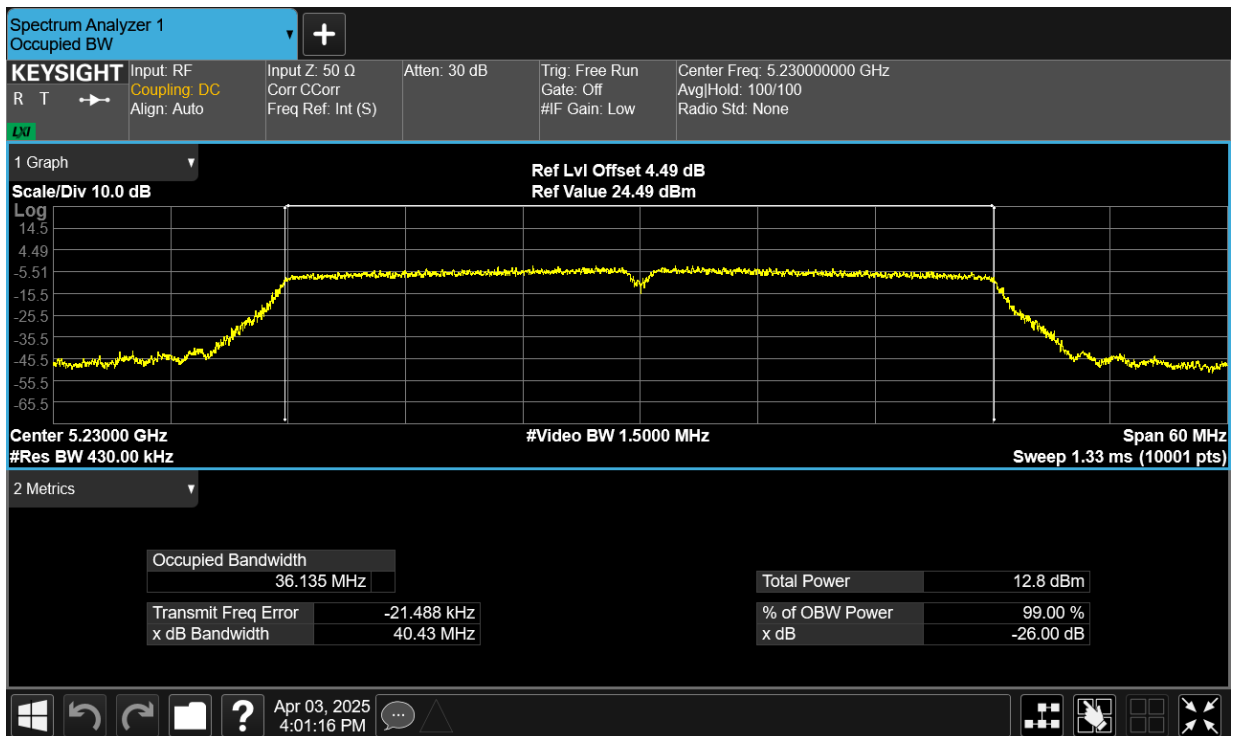
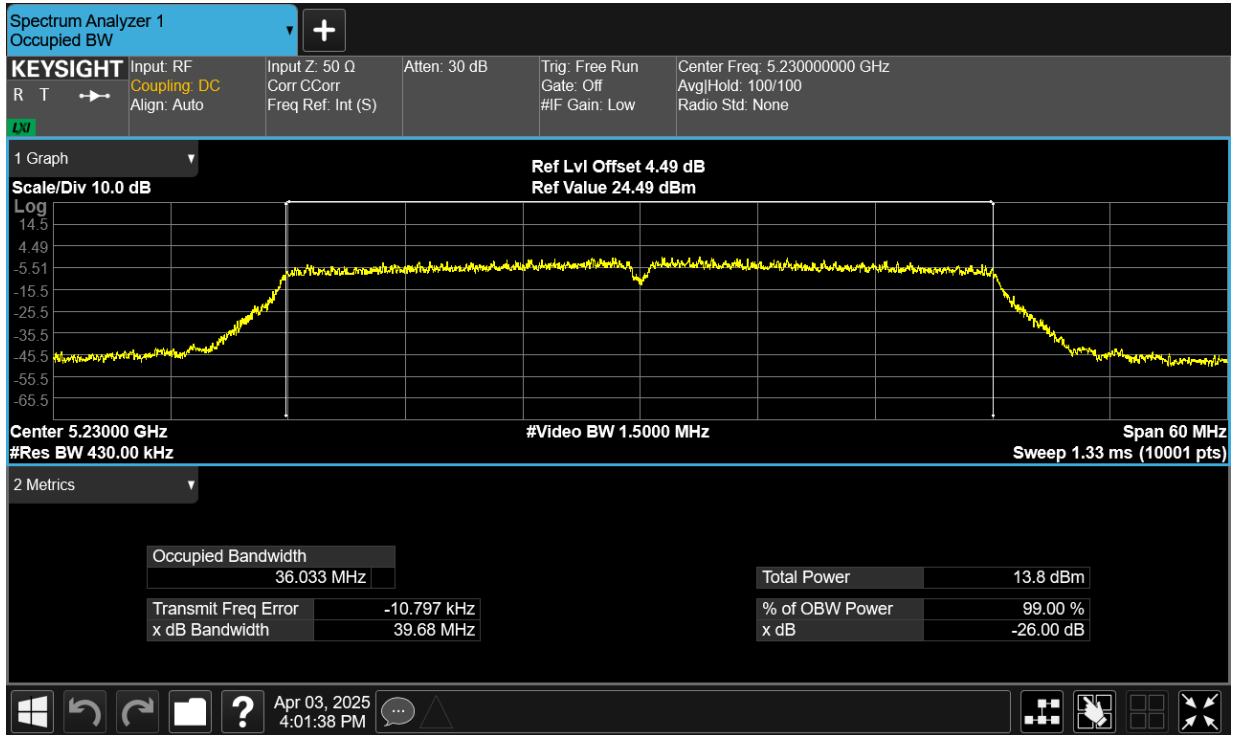
OBW NVNT n40 5190MHz Ant0



OBW NVNT n40 5190MHz Ant8



OBW NVNT n40 5230MHz Ant0



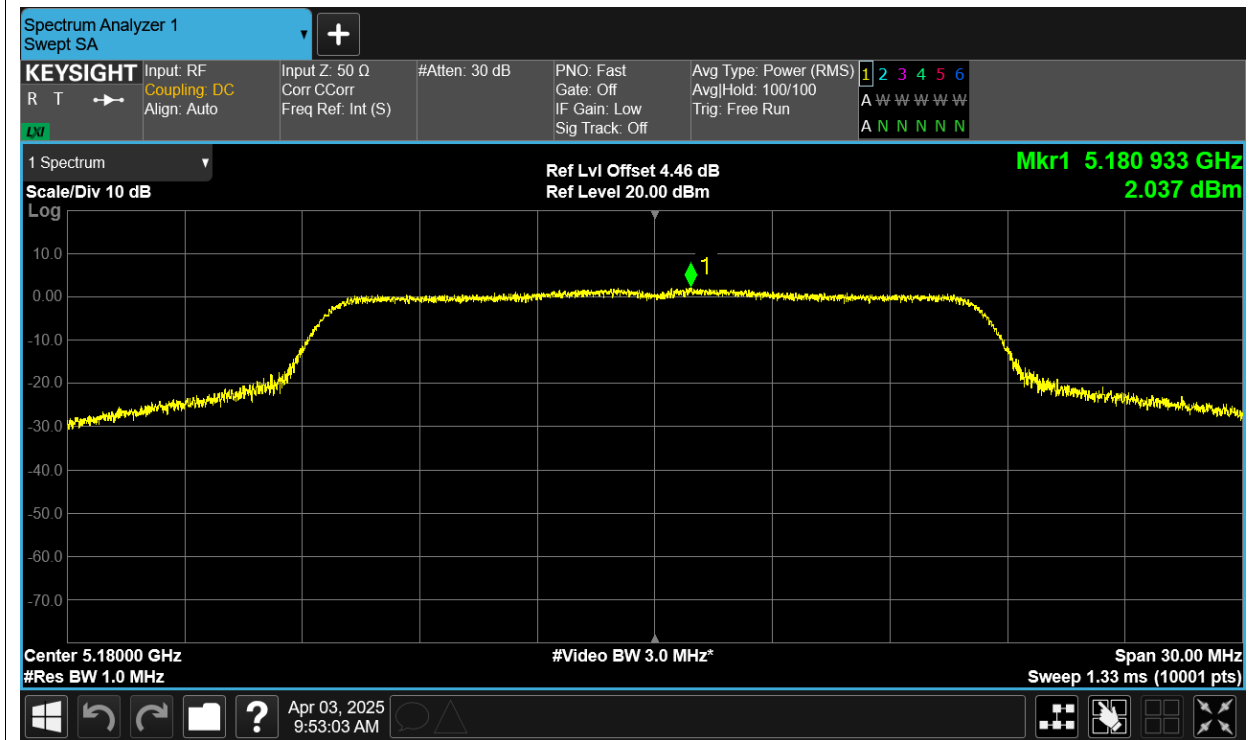
OBW NVNT n40 5230MHz Ant8

Maximum Power Spectral Density Level

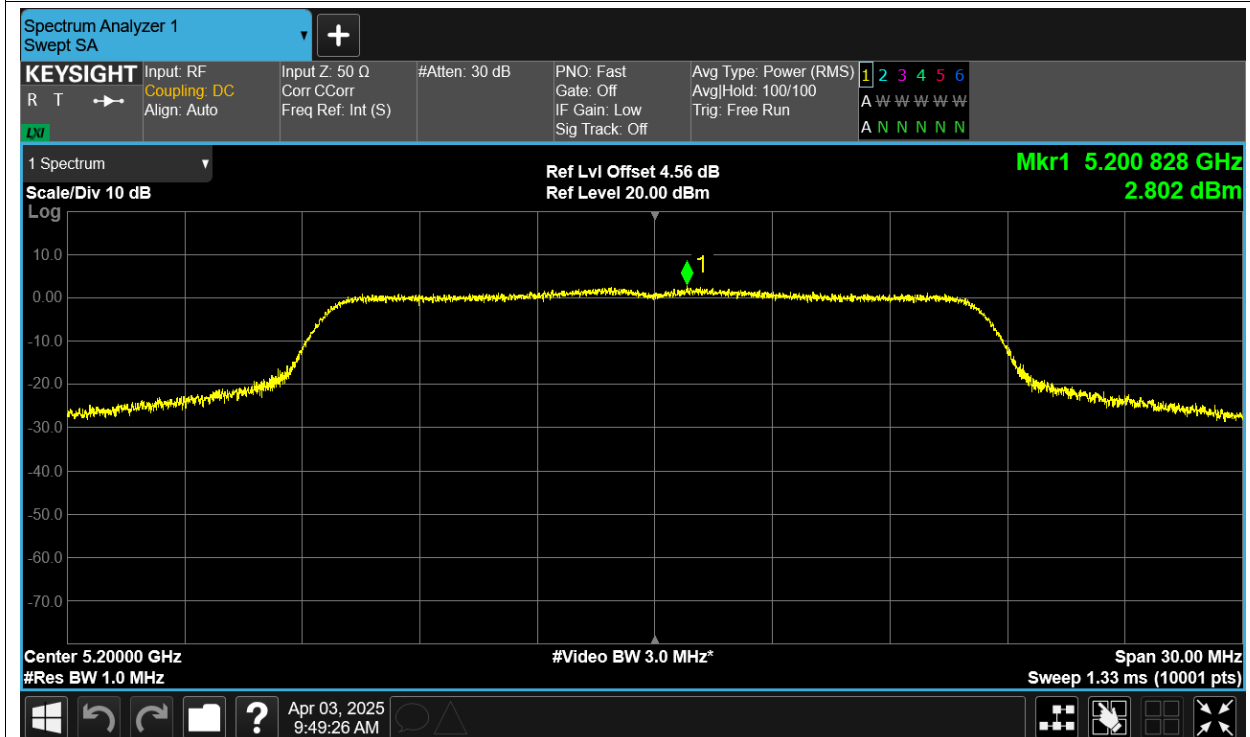
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	2.037	11	Pass
NVNT	a	5200	Ant0	2.802	11	Pass
NVNT	a	5240	Ant0	2.48	11	Pass
NVNT	a	5180	Ant8	1.805	11	Pass
NVNT	a	5200	Ant8	2.112	11	Pass
NVNT	a	5240	Ant8	2.444	11	Pass
NVNT	ac20	5180	Ant0	-2.66	11	Pass
NVNT	ac20	5180	Ant8	-1.092	11	Pass
NVNT	ac20	5180	Sum	1.205	11	Pass
NVNT	ac20	5200	Ant0	-2.379	11	Pass
NVNT	ac20	5200	Ant8	-0.96	11	Pass
NVNT	ac20	5200	Sum	1.398	11	Pass
NVNT	ac20	5240	Ant0	-2.122	11	Pass
NVNT	ac20	5240	Ant8	-1.223	11	Pass
NVNT	ac20	5240	Sum	1.361	11	Pass
NVNT	ac40	5190	Ant0	-5.607	11	Pass
NVNT	ac40	5190	Ant8	-4.743	11	Pass
NVNT	ac40	5190	Sum	-2.143	11	Pass
NVNT	ac40	5230	Ant0	-5.603	11	Pass
NVNT	ac40	5230	Ant8	-5.062	11	Pass
NVNT	ac40	5230	Sum	-2.314	11	Pass
NVNT	ac80	5210	Ant0	-10.048	11	Pass
NVNT	ac80	5210	Ant8	-8.546	11	Pass
NVNT	ac80	5210	Sum	-6.222	11	Pass
NVNT	n20	5180	Ant0	-2.735	11	Pass
NVNT	n20	5180	Ant8	-1.306	11	Pass
NVNT	n20	5180	Sum	1.048	11	Pass
NVNT	n20	5200	Ant0	-2.217	11	Pass
NVNT	n20	5200	Ant8	-1.017	11	Pass
NVNT	n20	5200	Sum	1.435	11	Pass
NVNT	n20	5240	Ant0	-1.647	11	Pass
NVNT	n20	5240	Ant8	-1.309	11	Pass
NVNT	n20	5240	Sum	1.536	11	Pass
NVNT	n40	5190	Ant0	-5.341	11	Pass
NVNT	n40	5190	Ant8	-4.246	11	Pass
NVNT	n40	5190	Sum	-1.749	11	Pass
NVNT	n40	5230	Ant0	-5.731	11	Pass
NVNT	n40	5230	Ant8	-4.912	11	Pass
NVNT	n40	5230	Sum	-2.292	11	Pass

Test Graphs

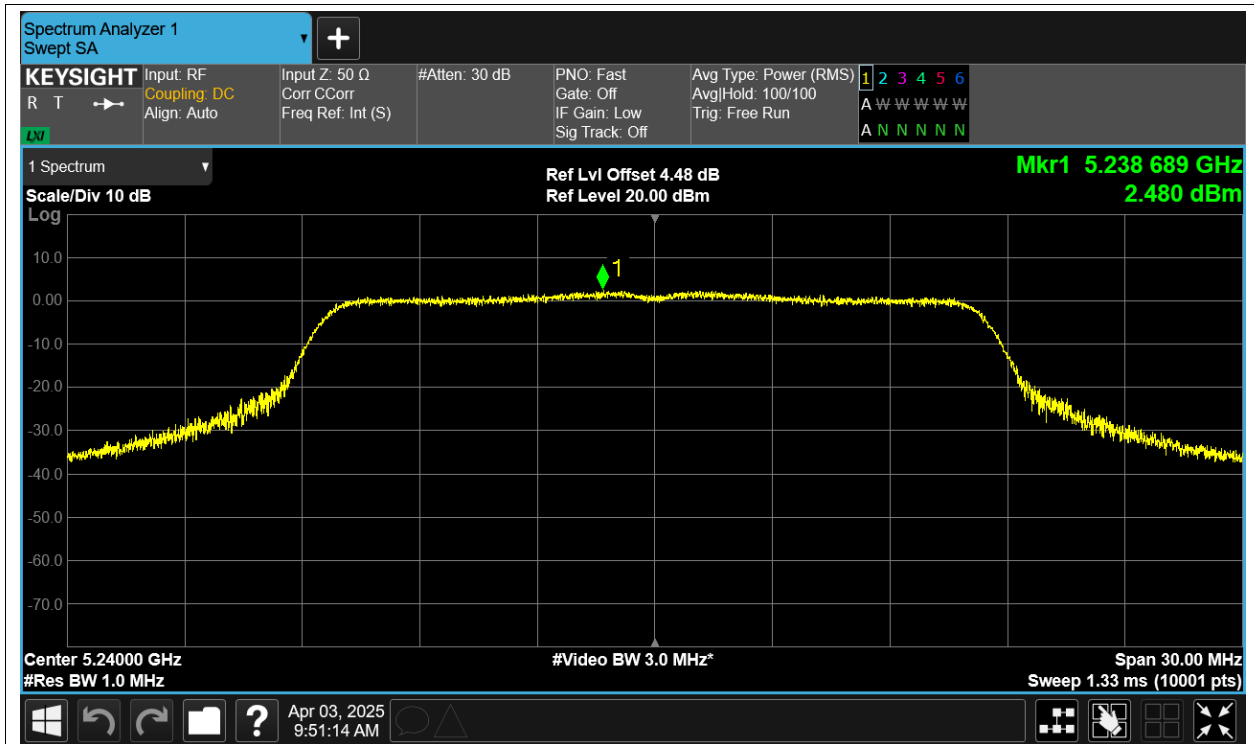
PSD NVNT a 5180MHz Ant0



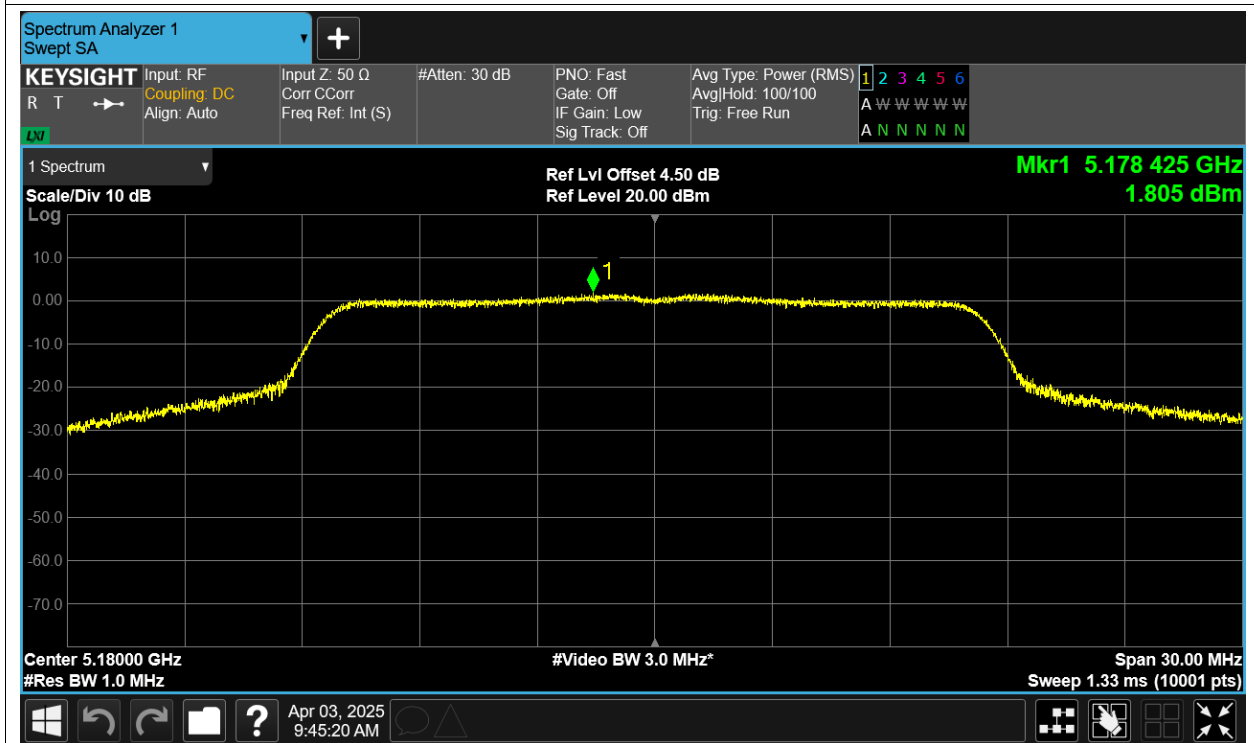
PSD NVNT a 5200MHz Ant0



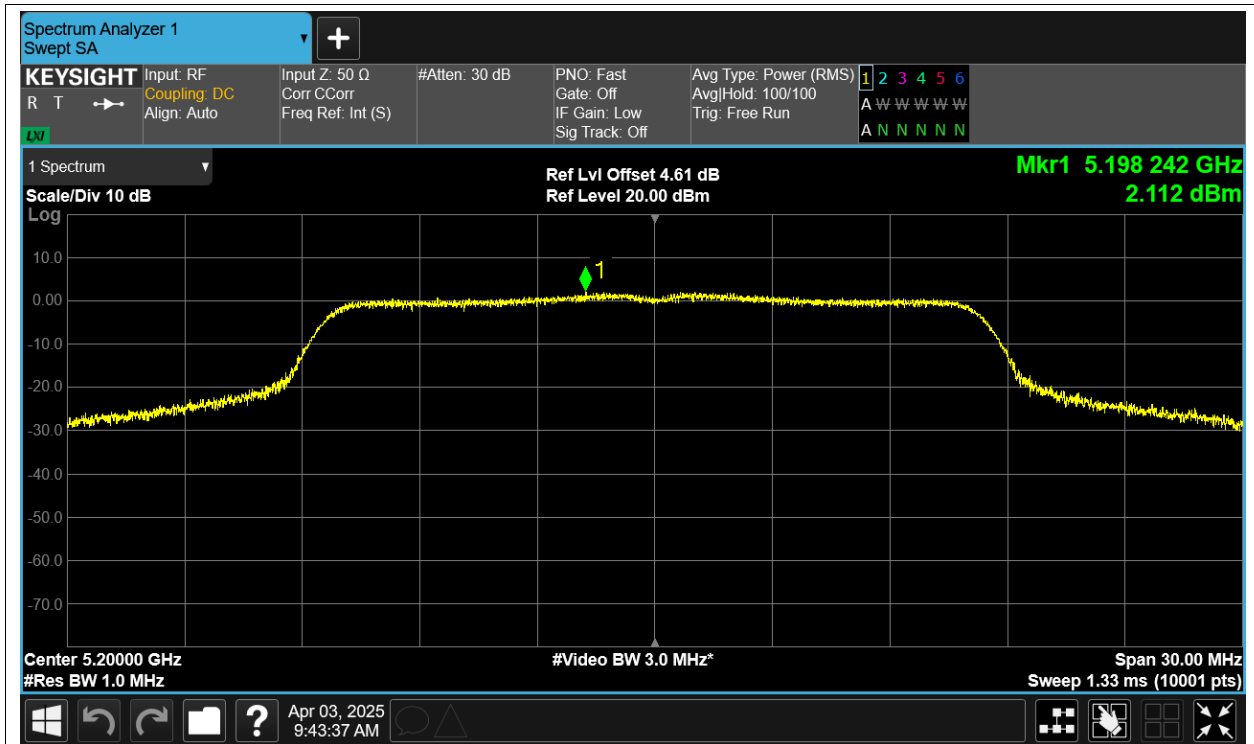
PSD NVNT a 5240MHz Ant0



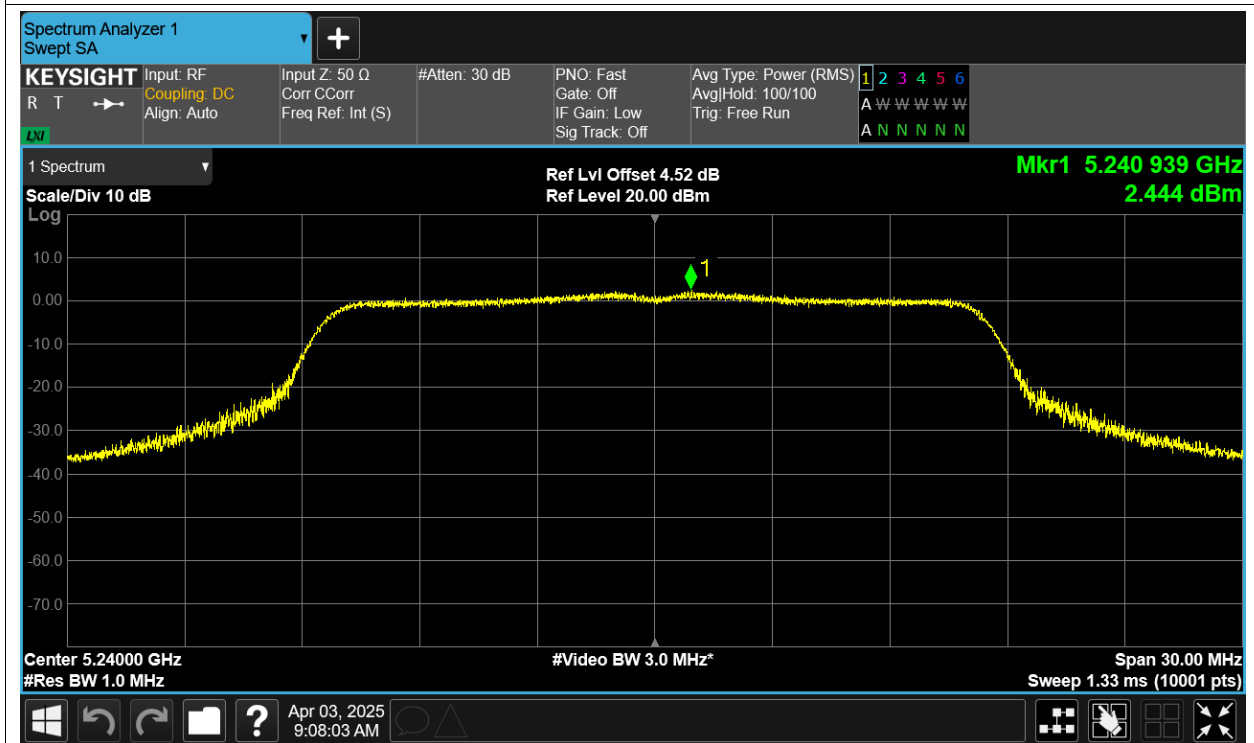
PSD NVNT a 5180MHz Ant8



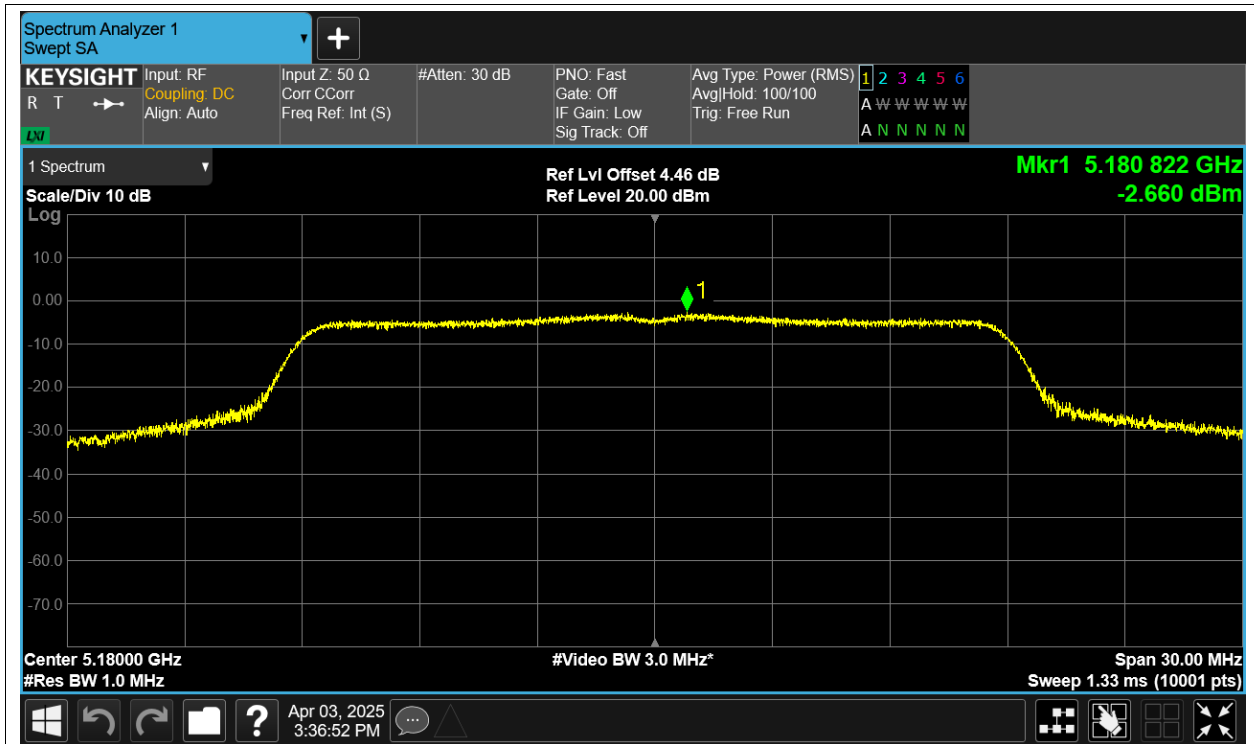
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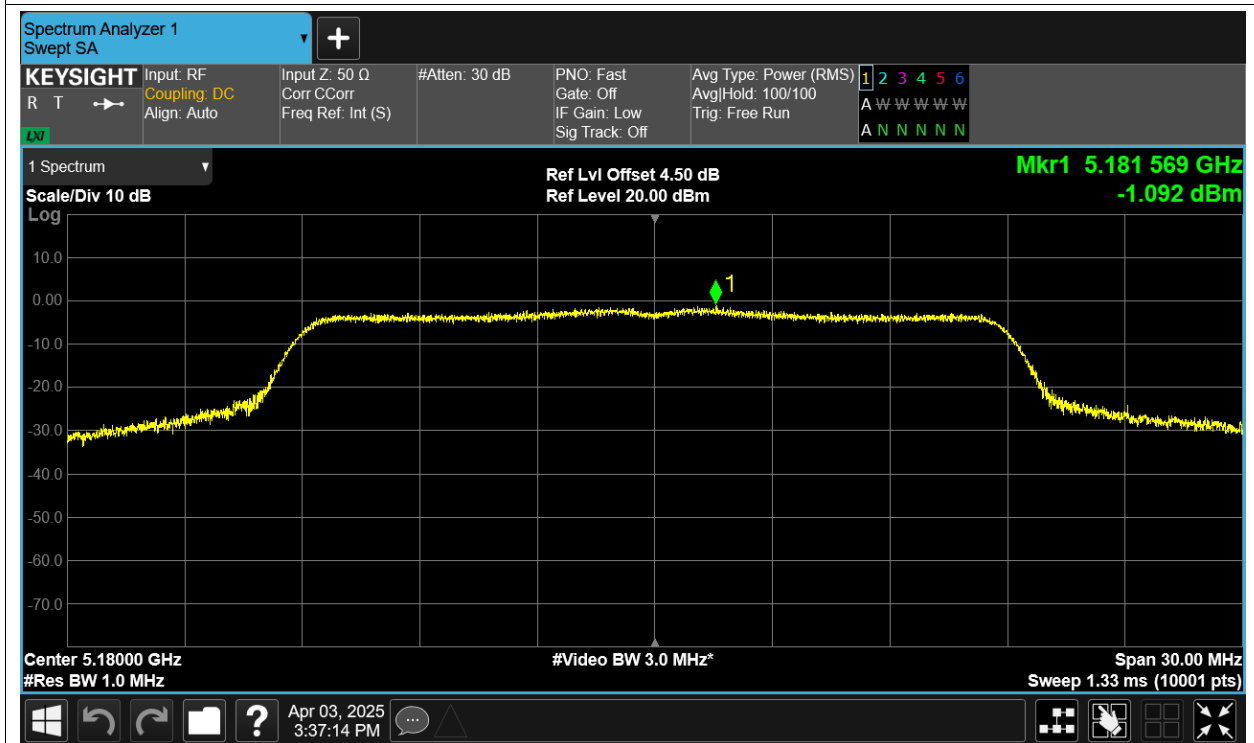
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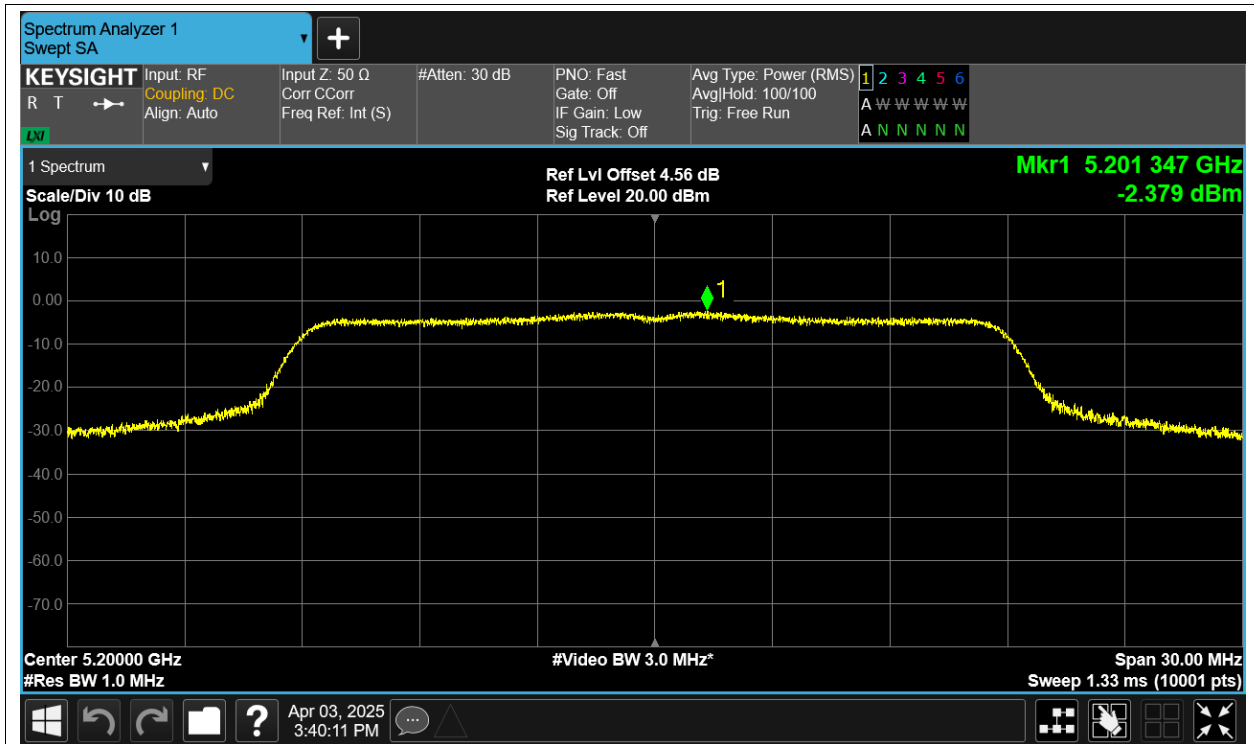
PSD NVNT ac20 5180MHz Ant0



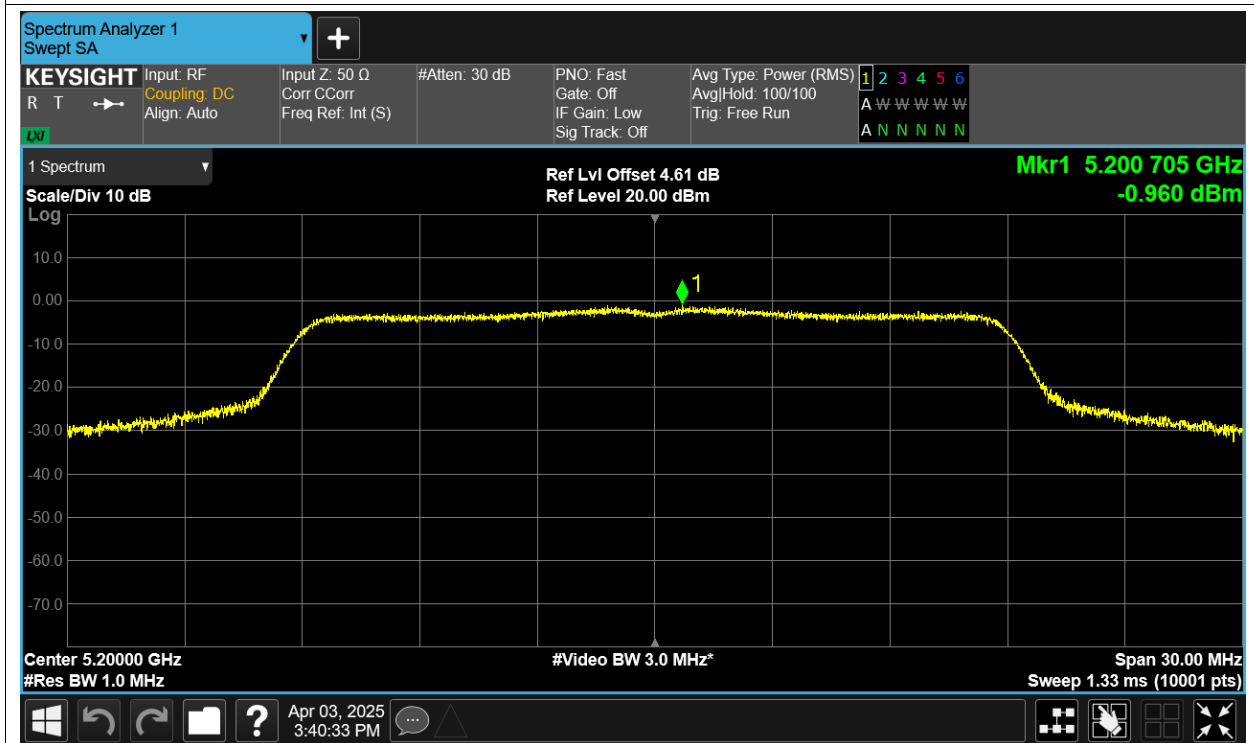
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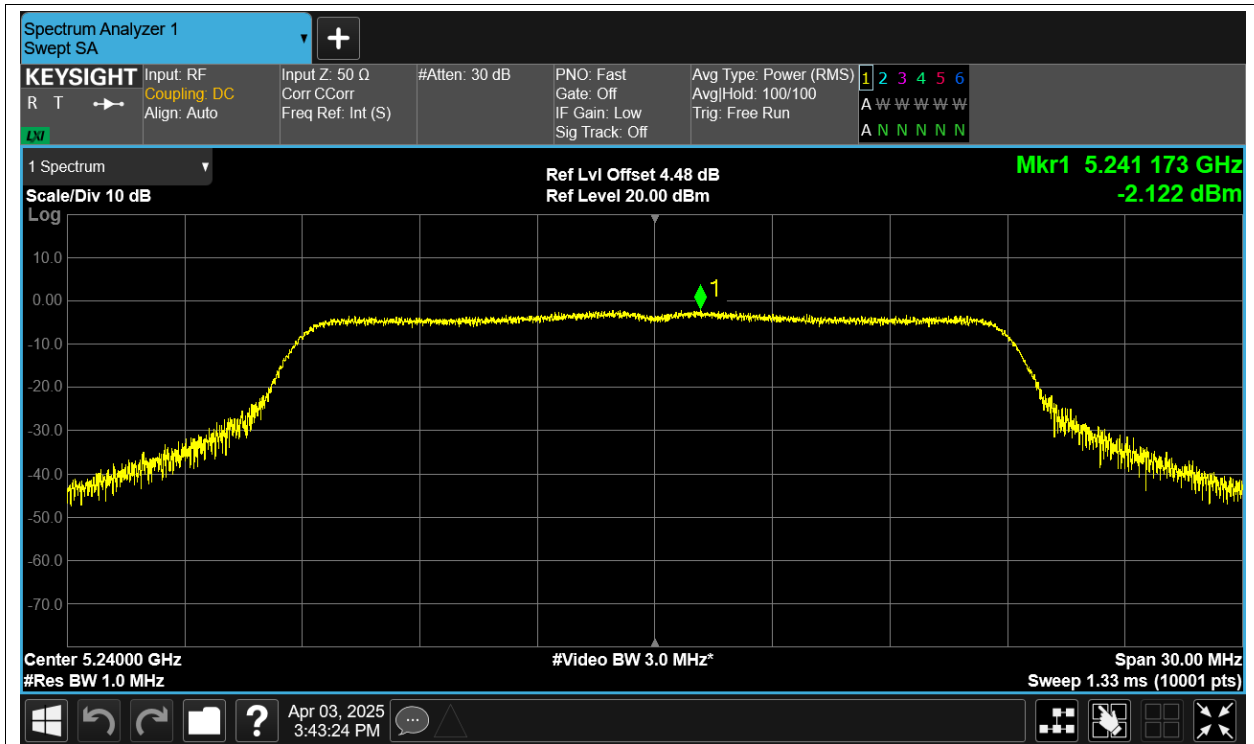
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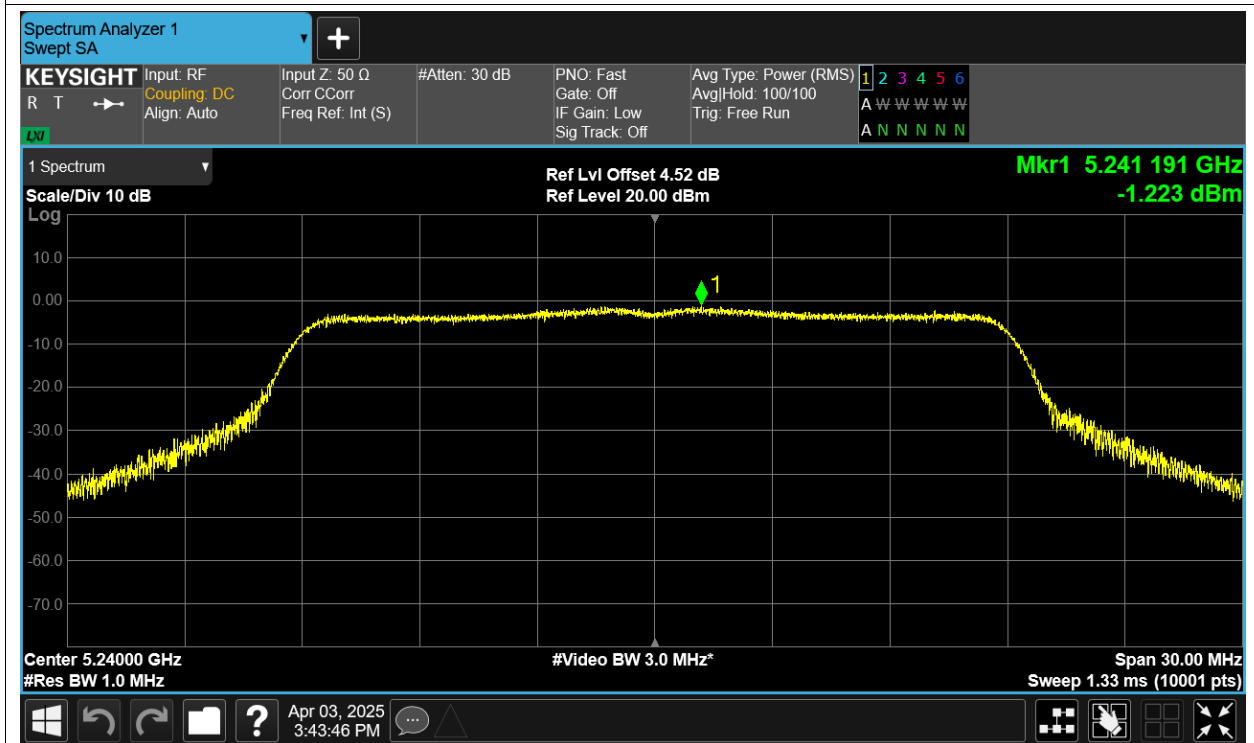
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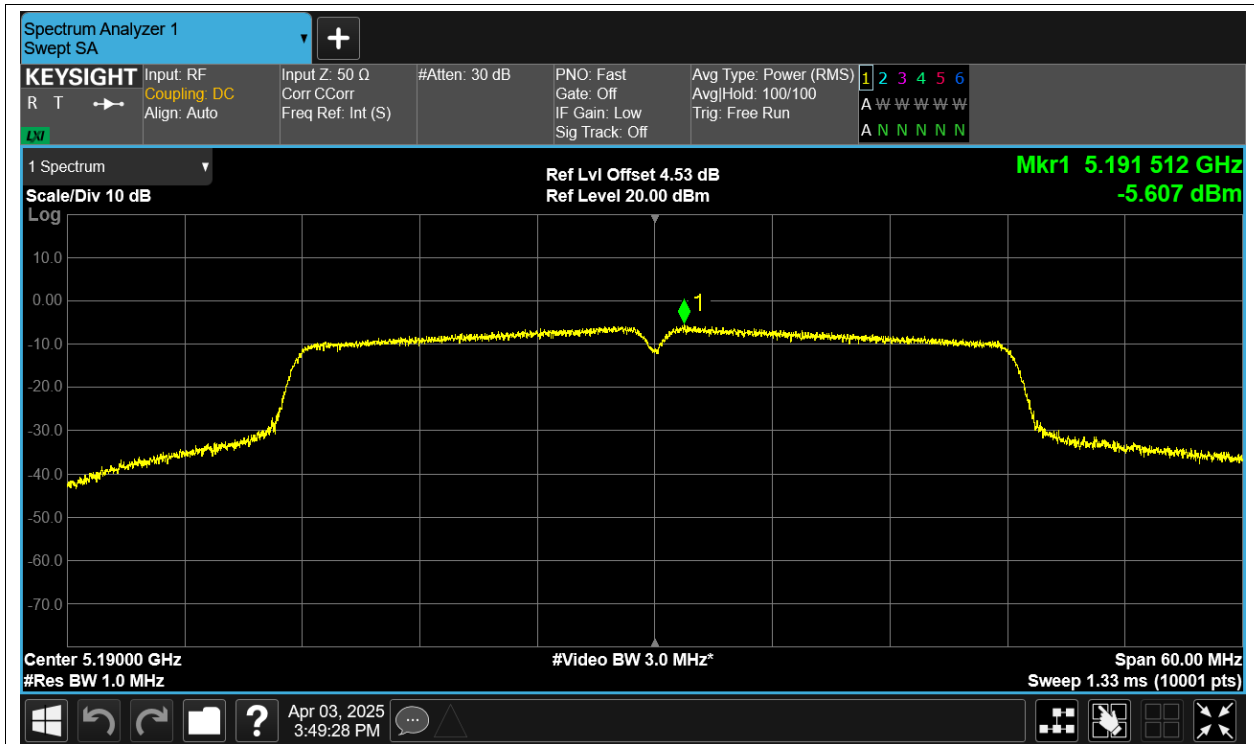
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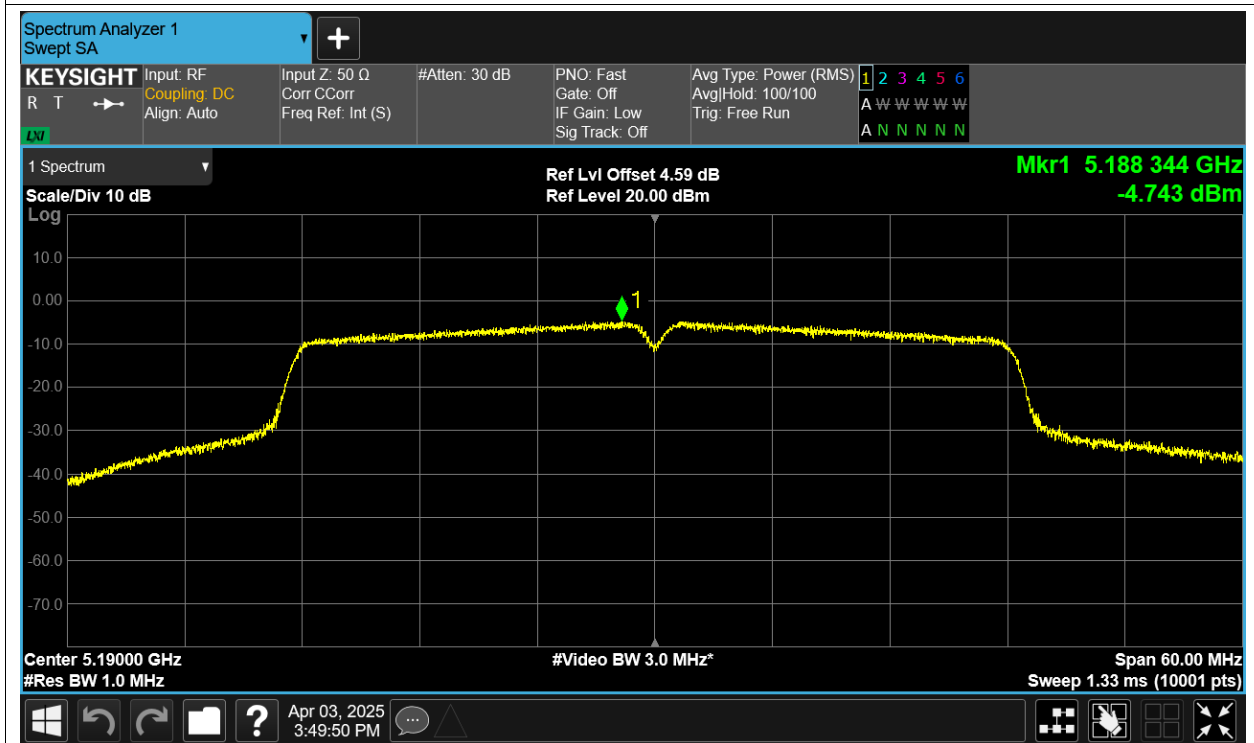
PSD NVNT ac20 5240MHz Ant8



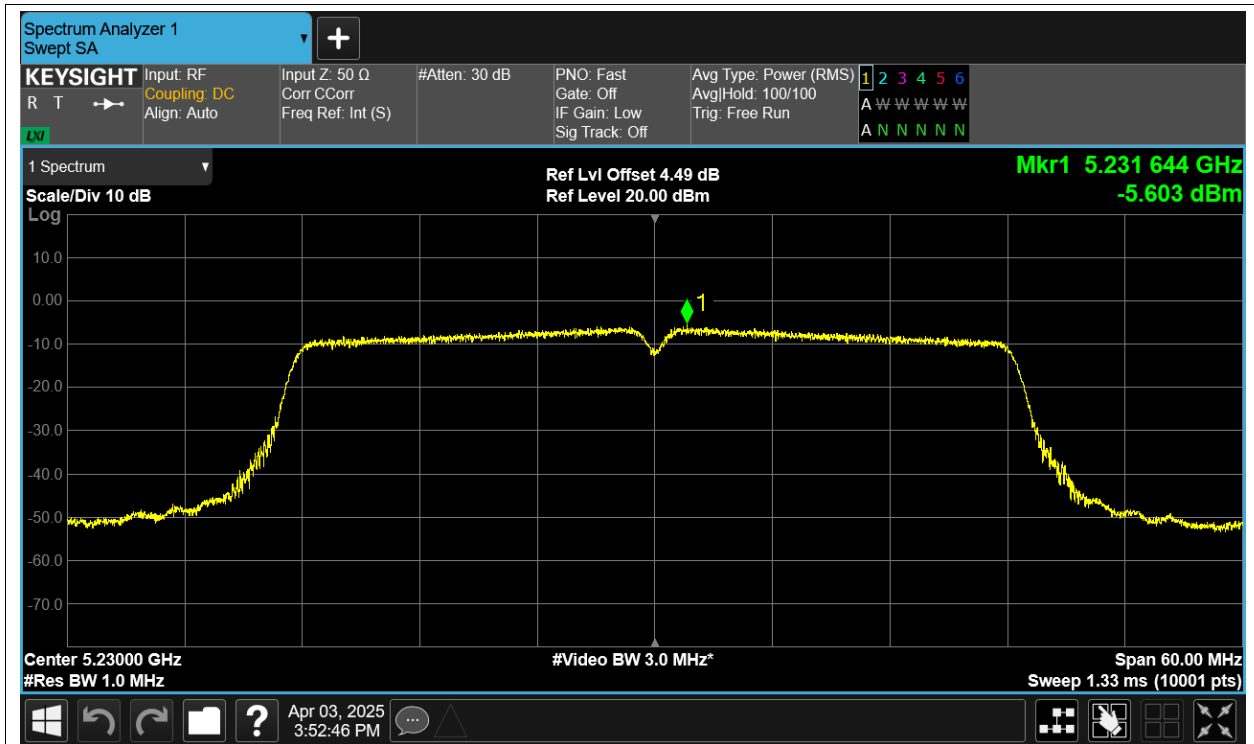
PSD NVNT ac40 5190MHz Ant0



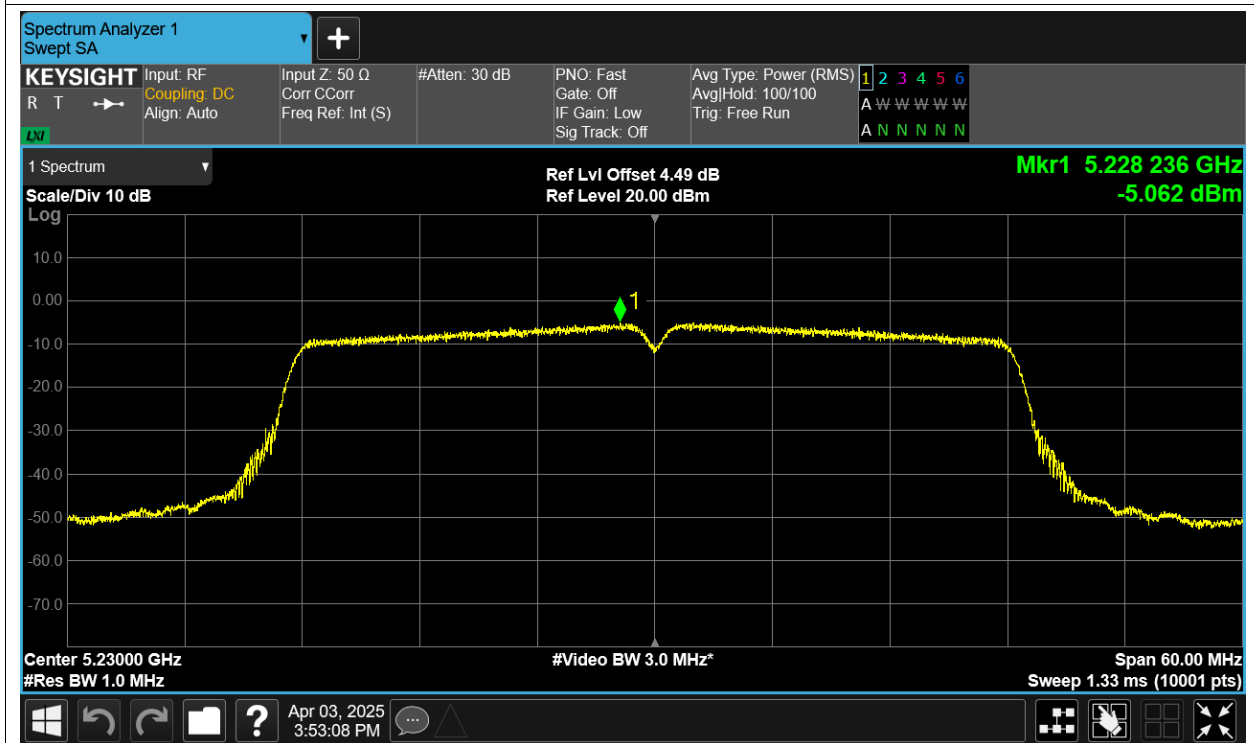
PSD NVNT ac40 5190MHz Ant8



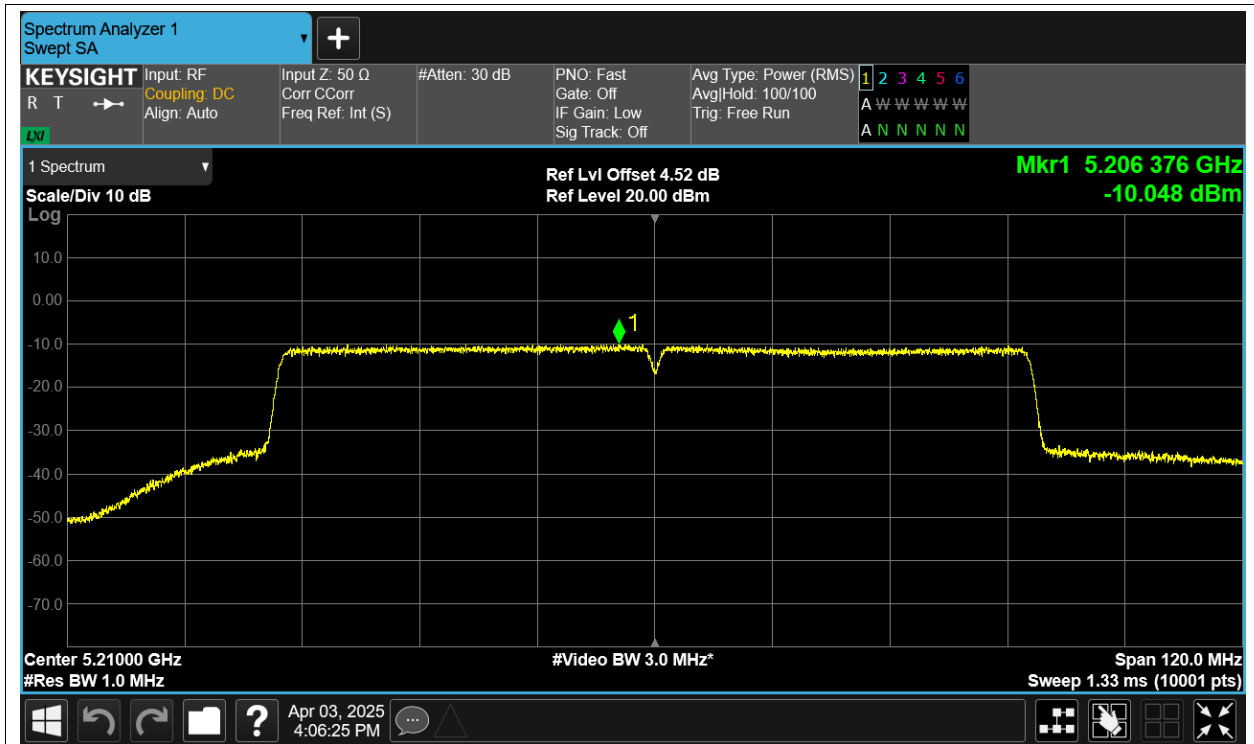
PSD NVNT ac40 5230MHz Ant0



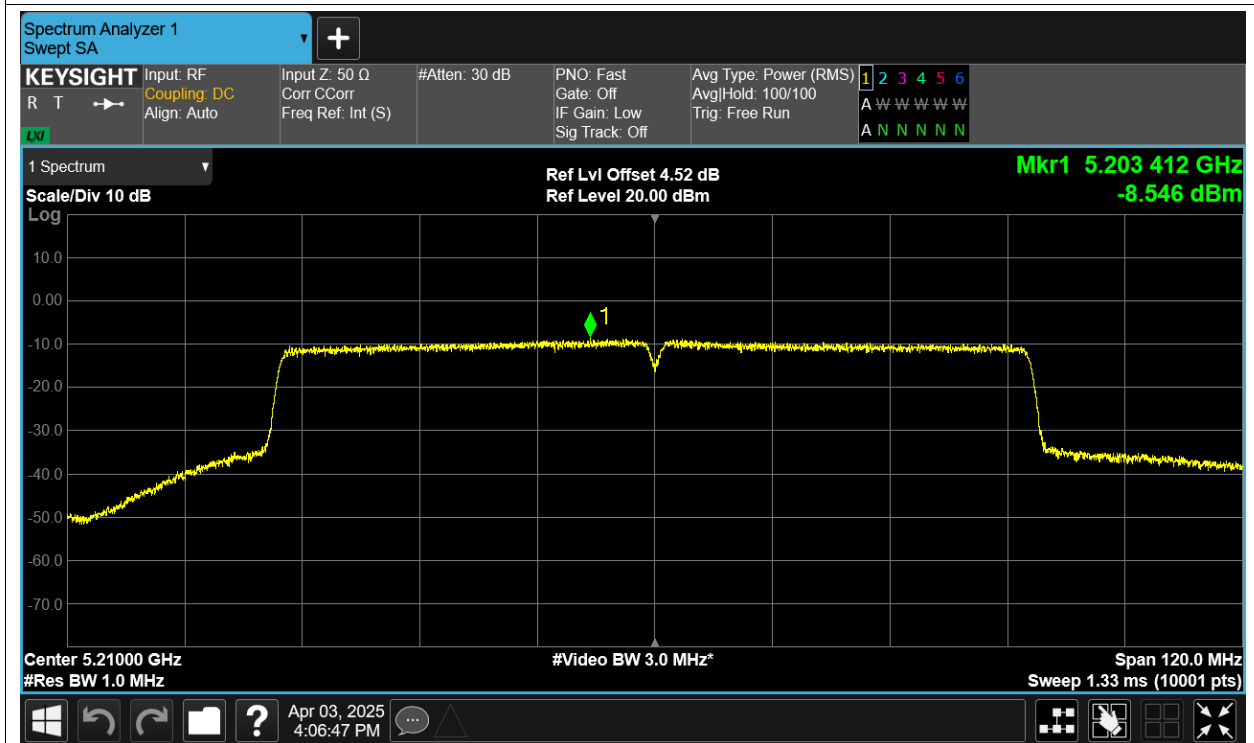
PSD NVNT ac40 5230MHz Ant8



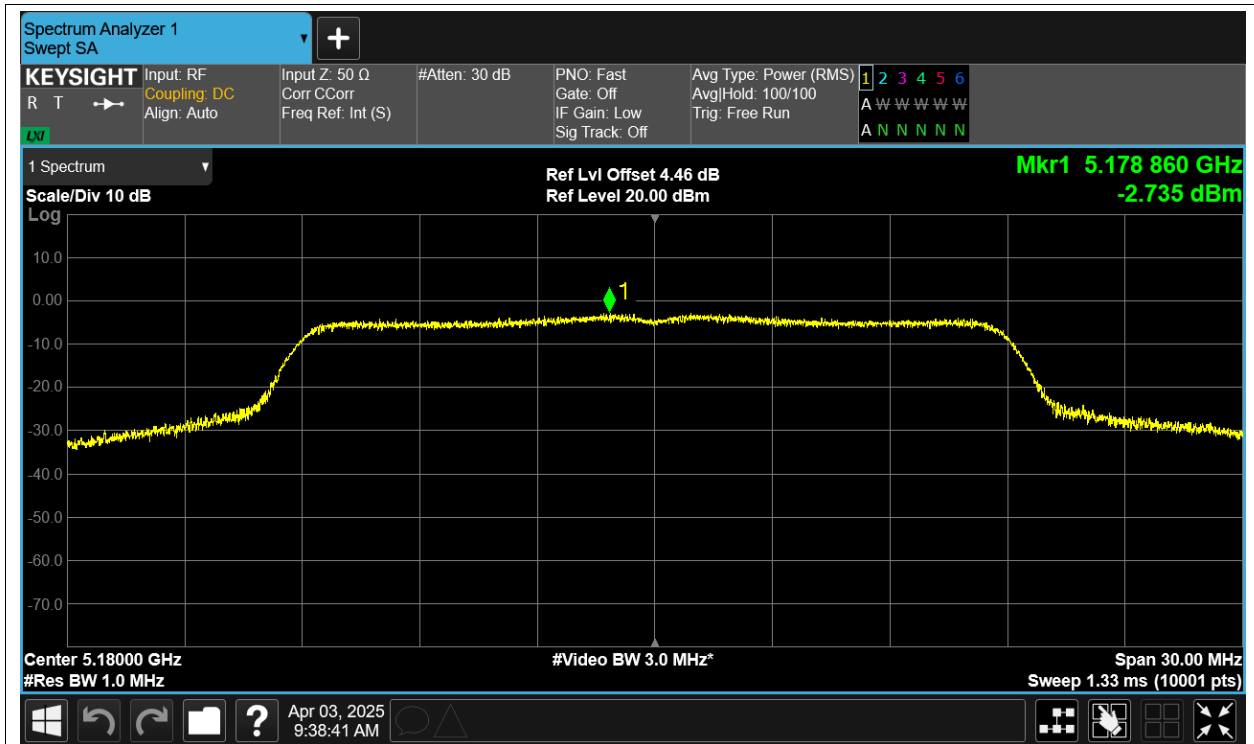
PSD NVNT ac80 5210MHz Ant0



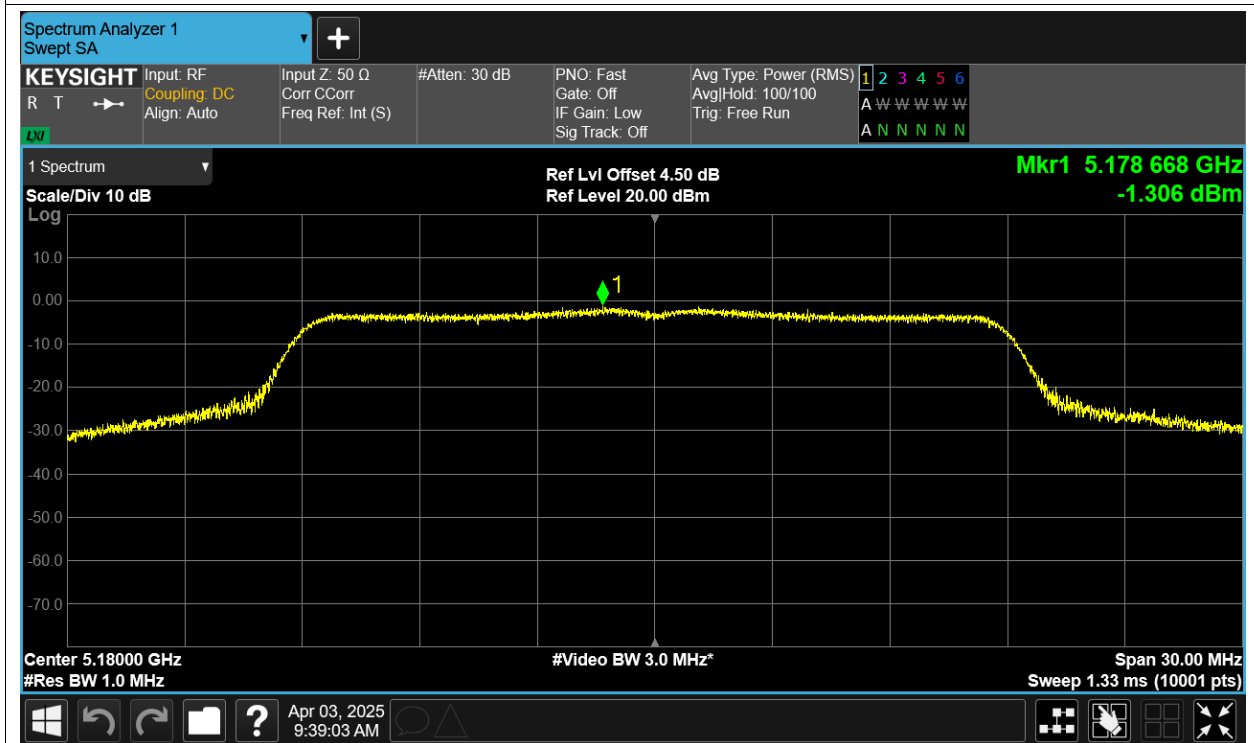
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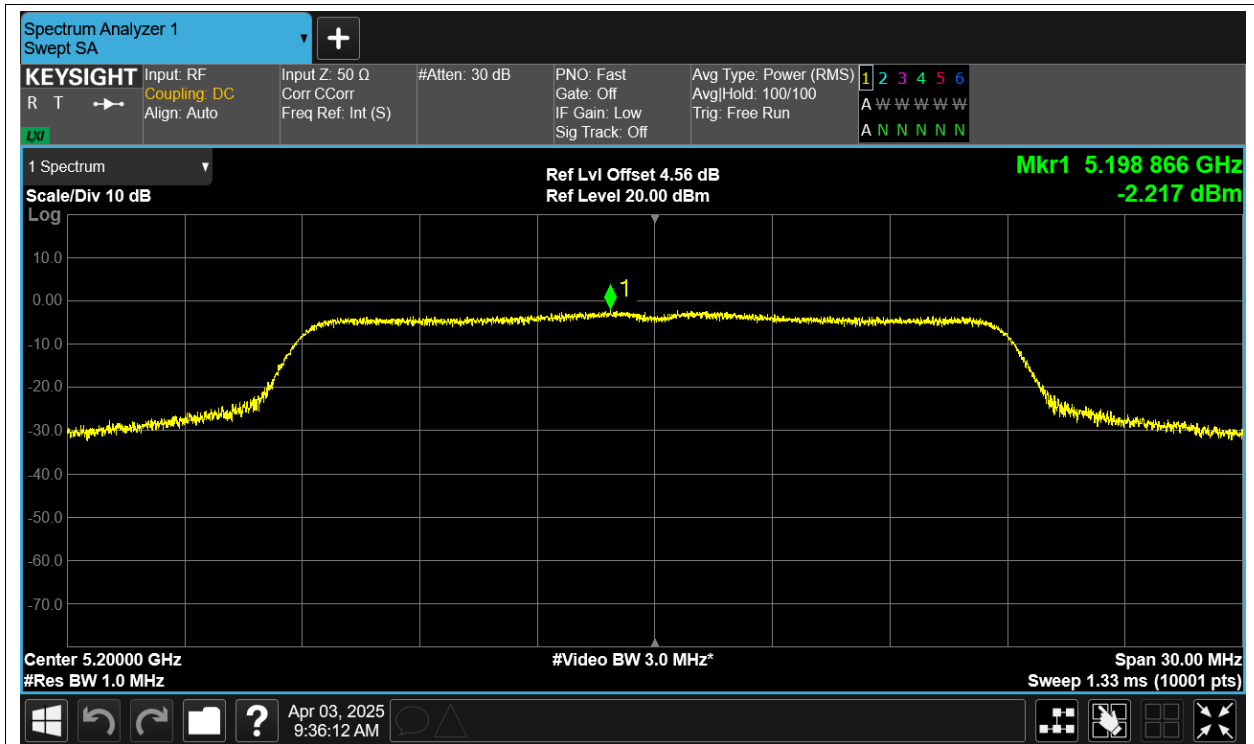
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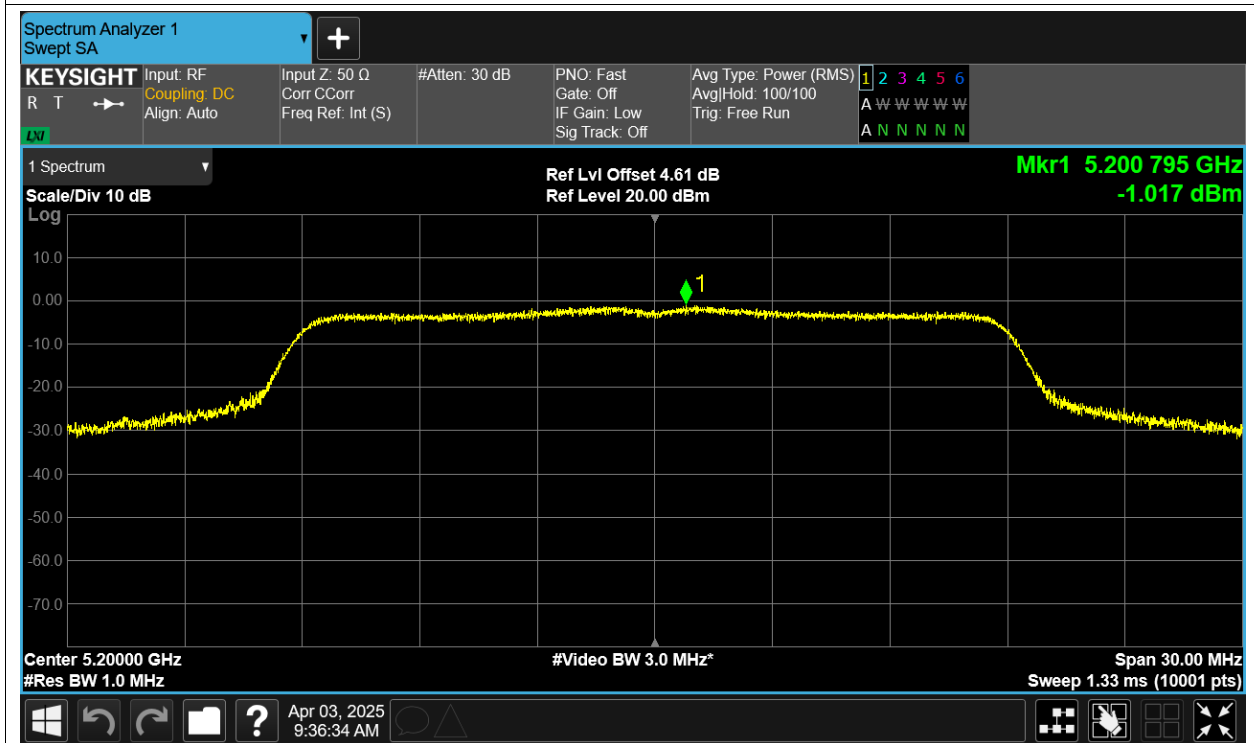
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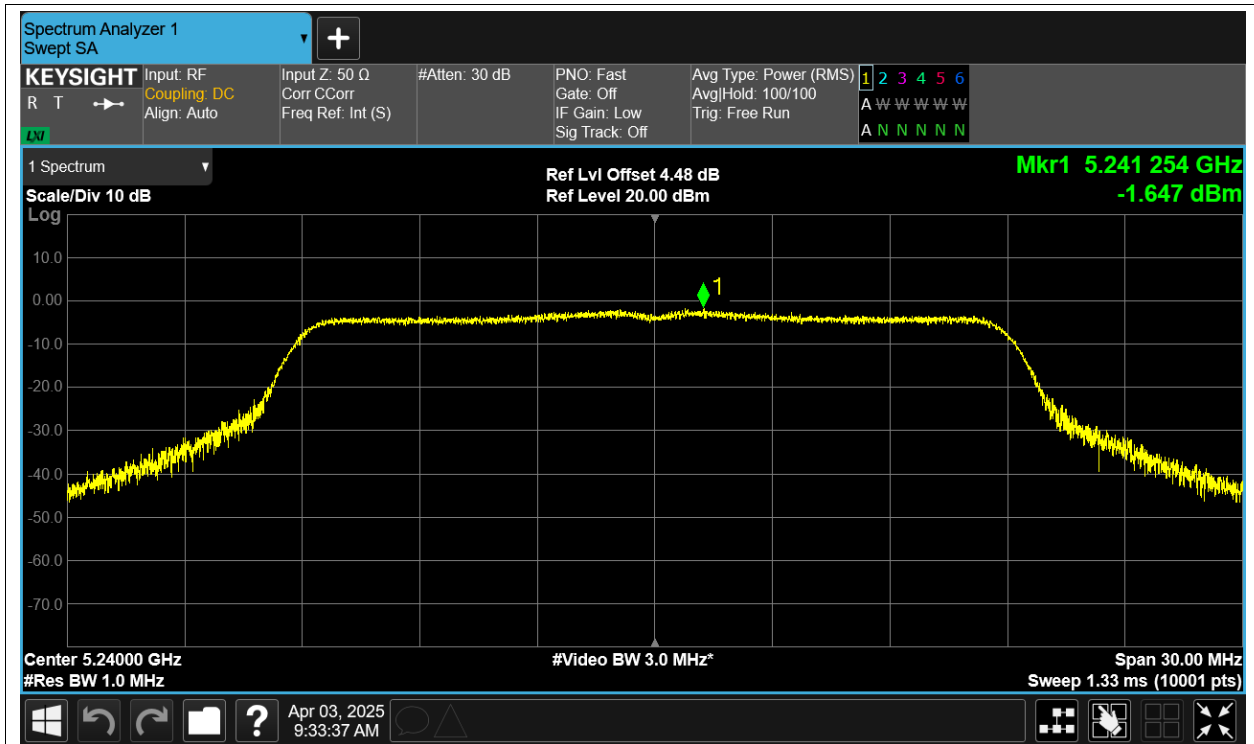
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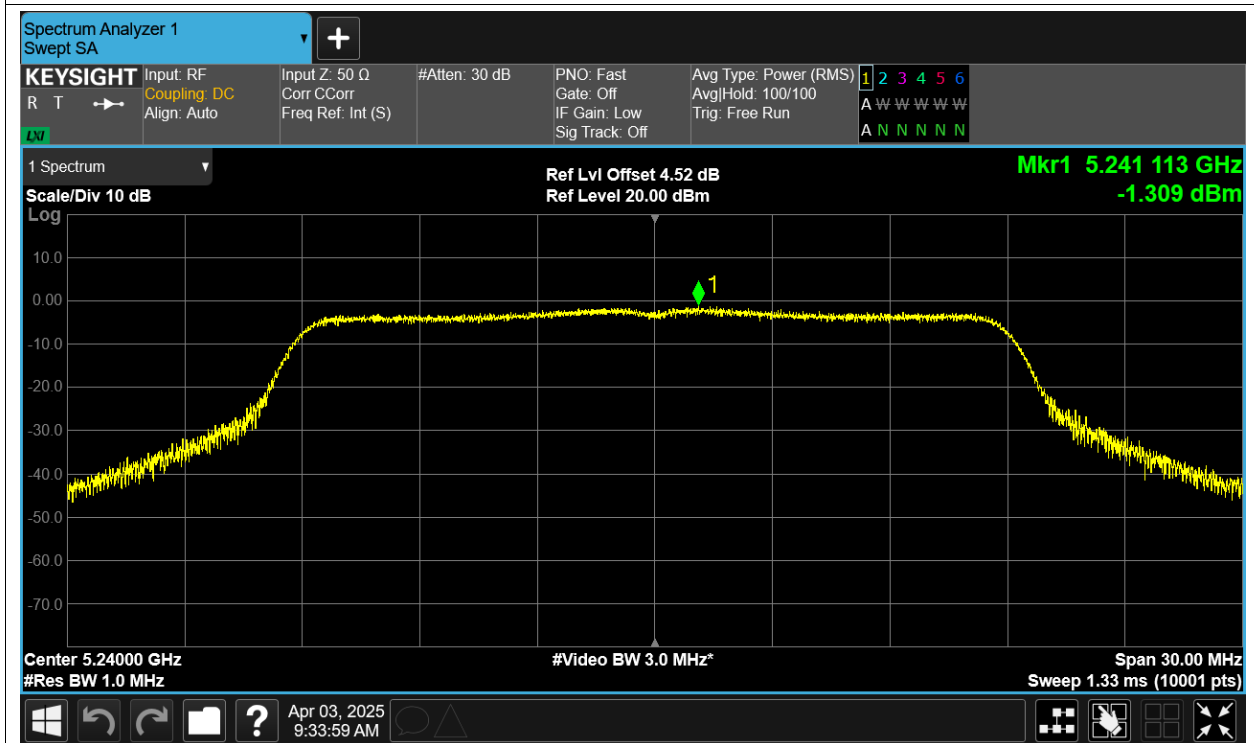
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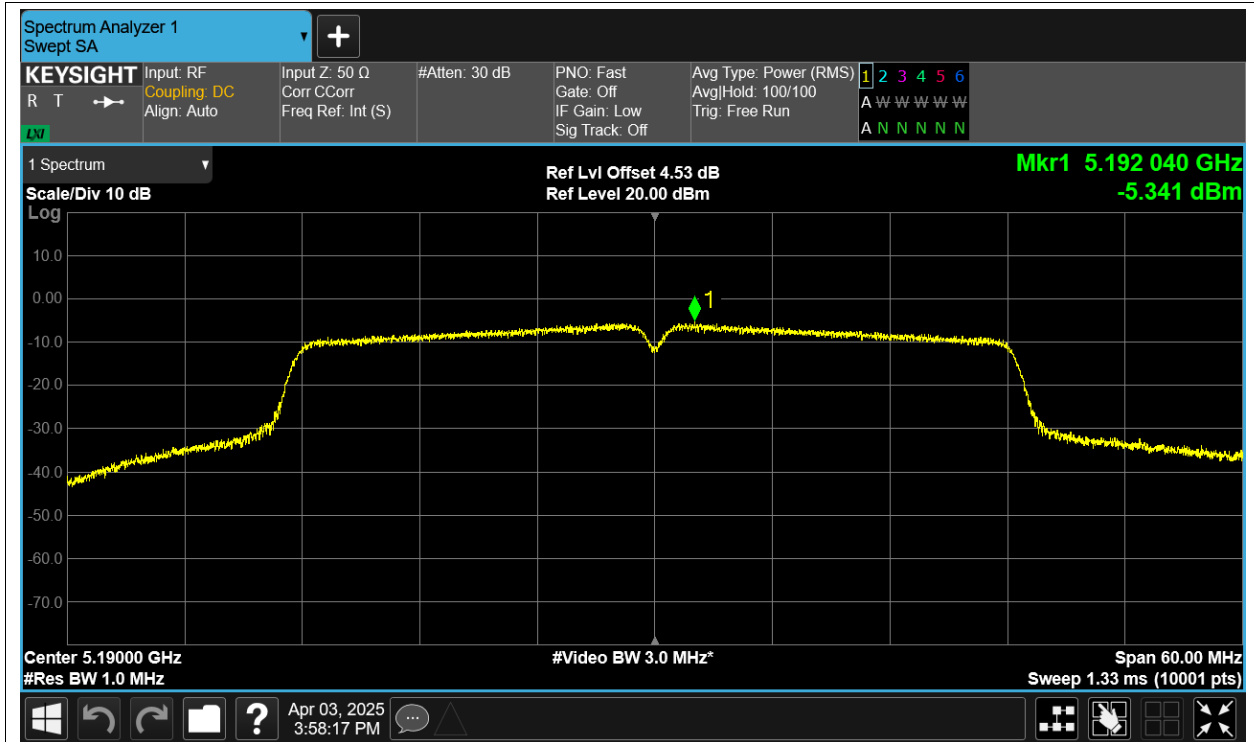
PSD NVNT n20 5240MHz Ant0



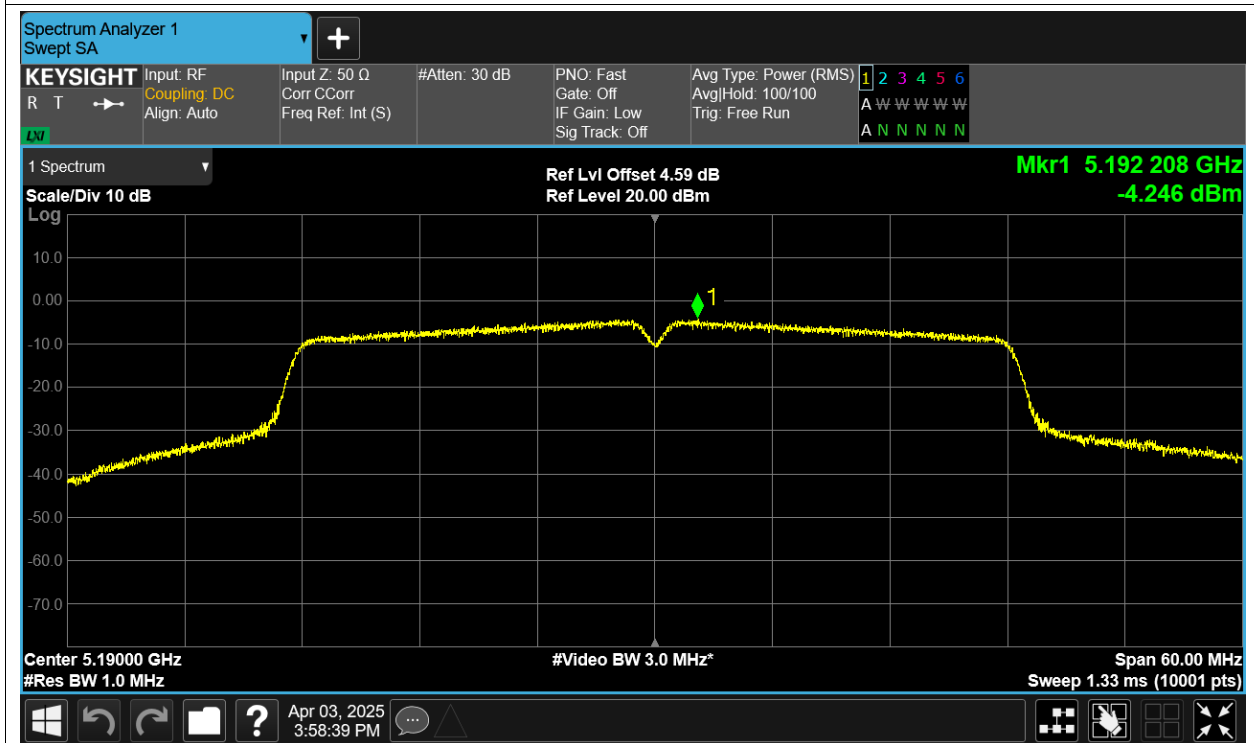
PSD NVNT n20 5240MHz Ant8



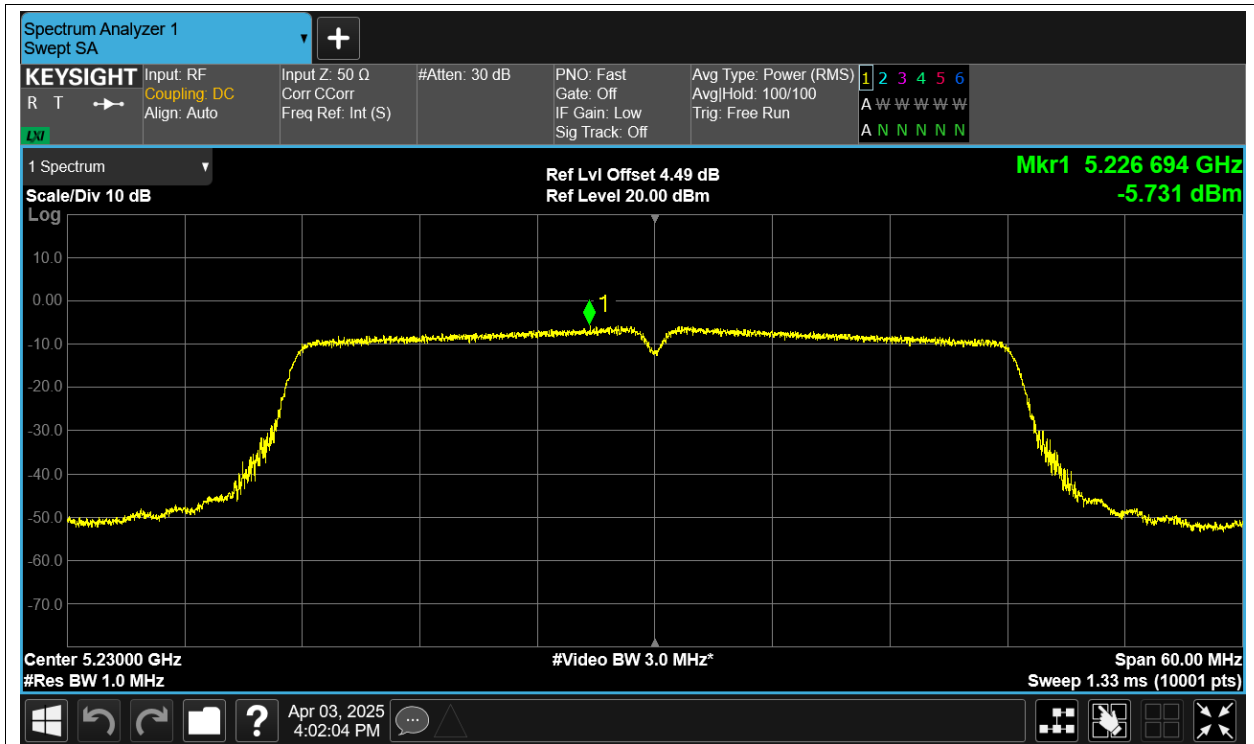
PSD NVNT n40 5190MHz Ant0



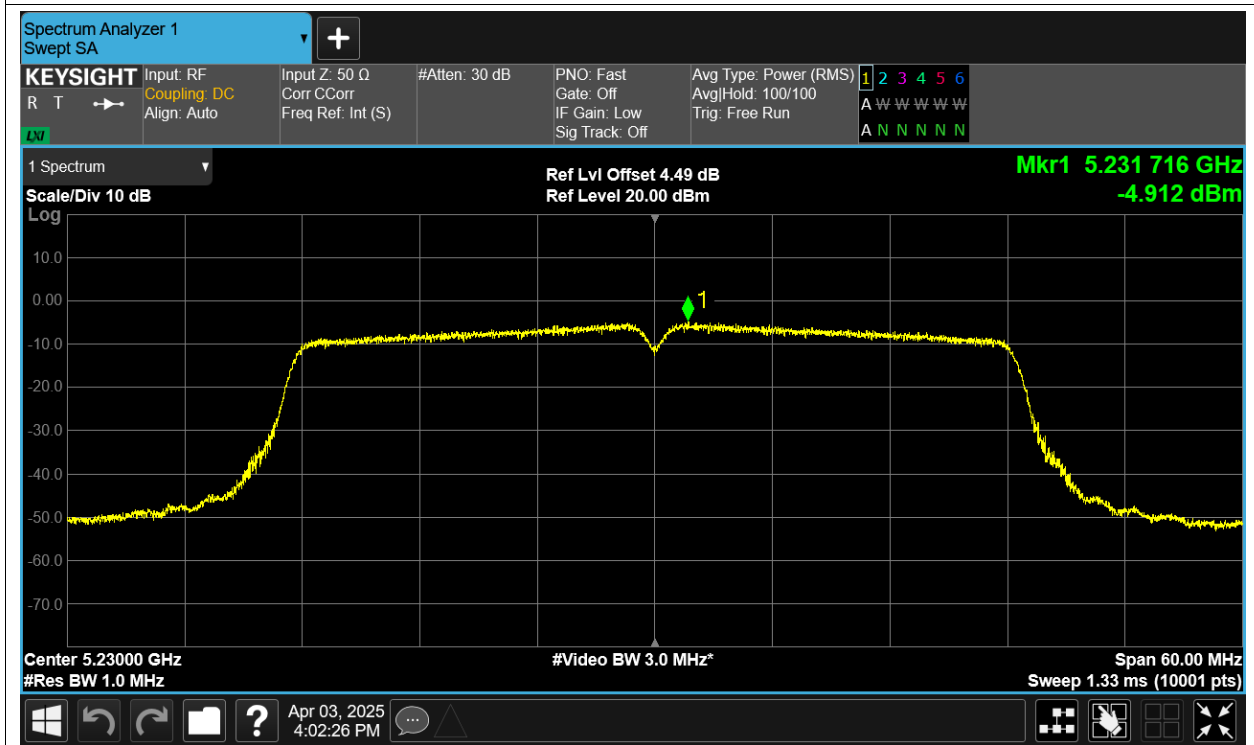
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PSD NVNT n40 5230MHz Ant0

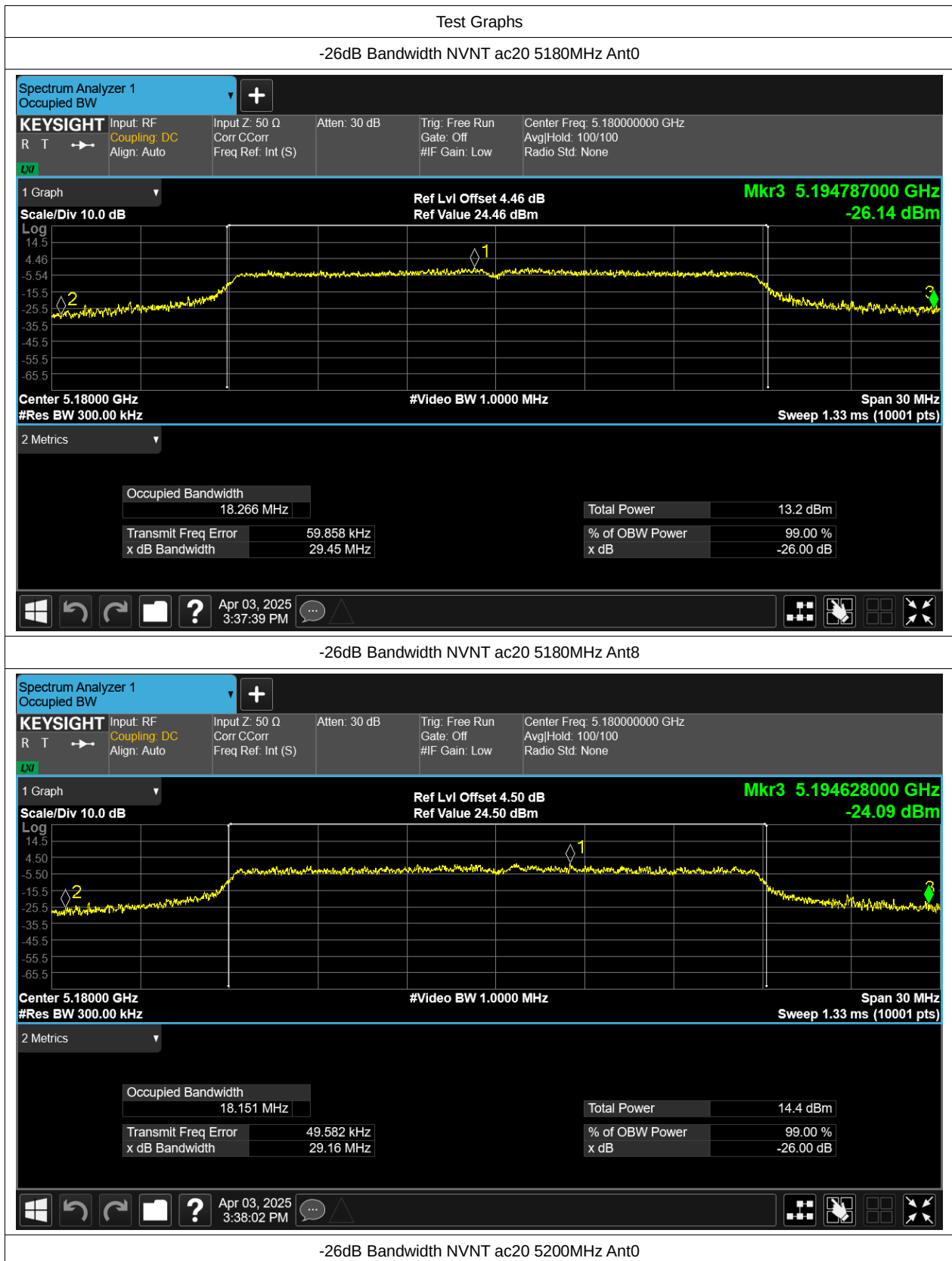


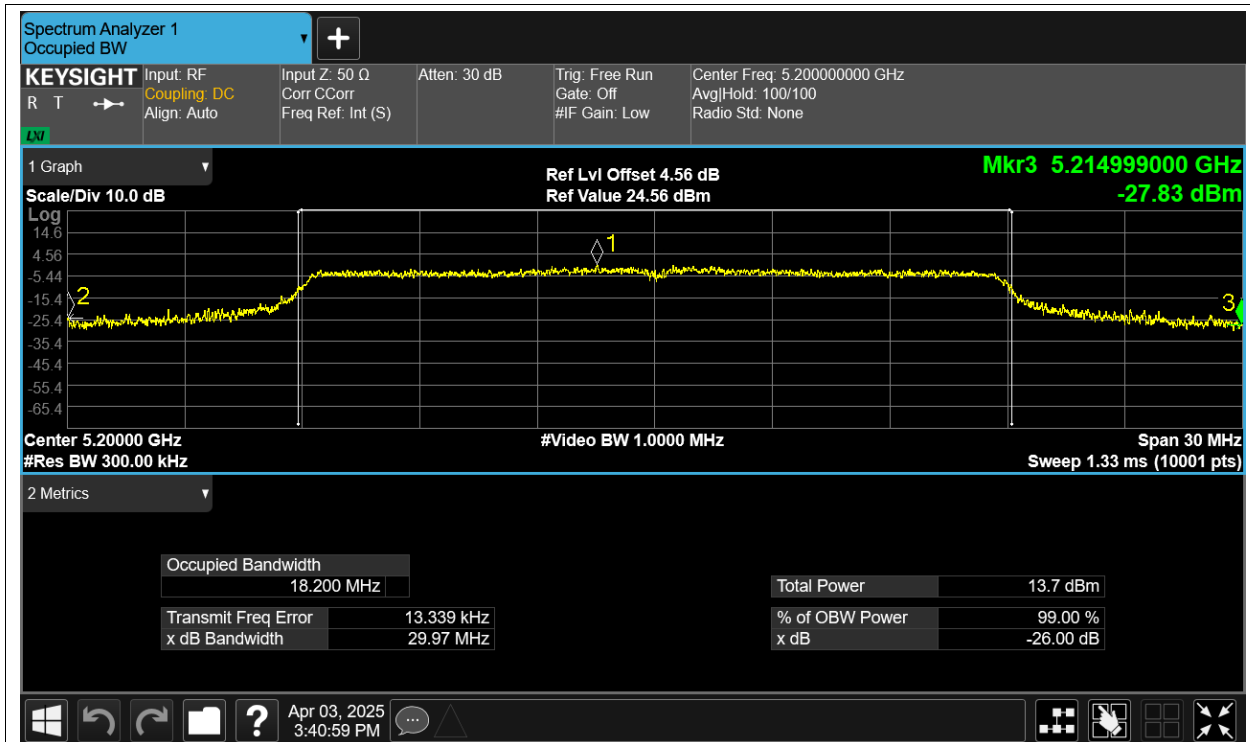
PSD NVNT n40 5230MHz Ant8



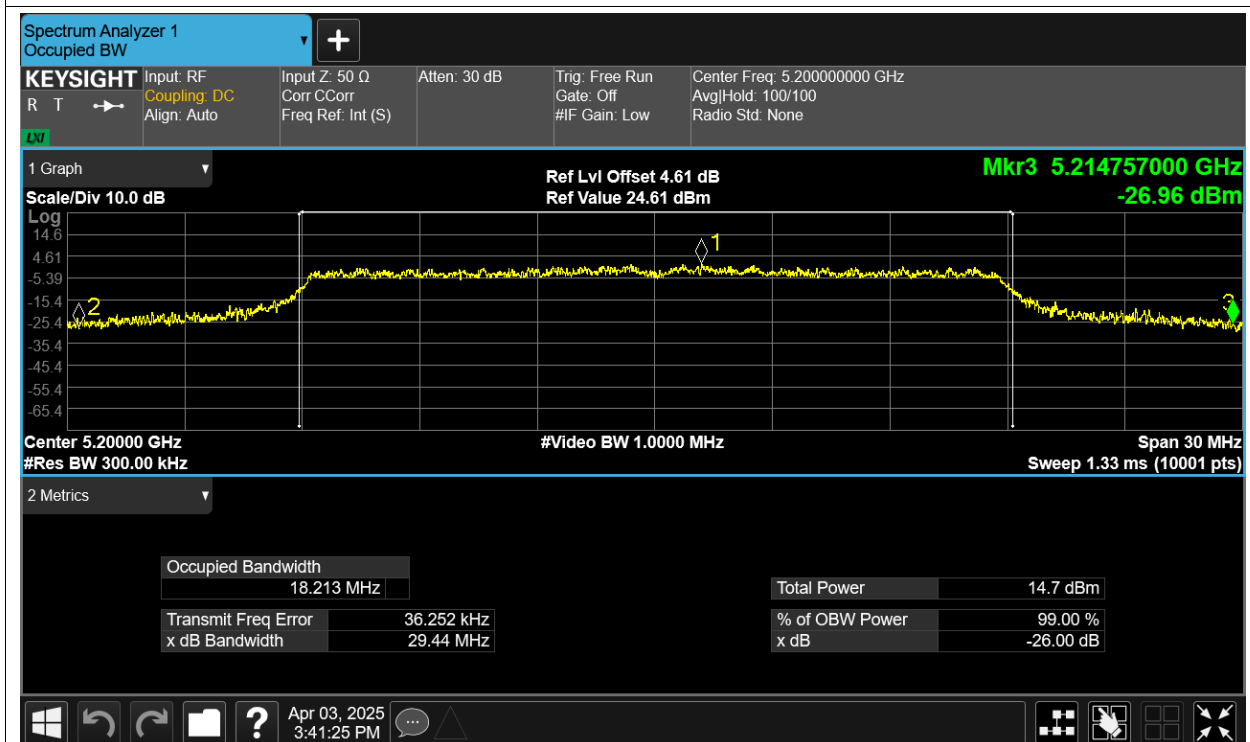
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	ac20	5180	Ant0	29.455
NVNT	ac20	5180	Ant8	29.157
NVNT	ac20	5200	Ant0	29.97
NVNT	ac20	5200	Ant8	29.442
NVNT	ac20	5240	Ant0	23.277
NVNT	ac20	5240	Ant8	22.495
NVNT	ac40	5190	Ant0	40.637
NVNT	ac40	5190	Ant8	40.259
NVNT	ac40	5230	Ant0	40.704
NVNT	ac40	5230	Ant8	40.555
NVNT	ac80	5210	Ant0	81.193
NVNT	ac80	5210	Ant8	80.784
NVNT	n40	5190	Ant0	41.292
NVNT	n40	5190	Ant8	40.983
NVNT	n40	5230	Ant0	41.249
NVNT	n40	5230	Ant8	41.009

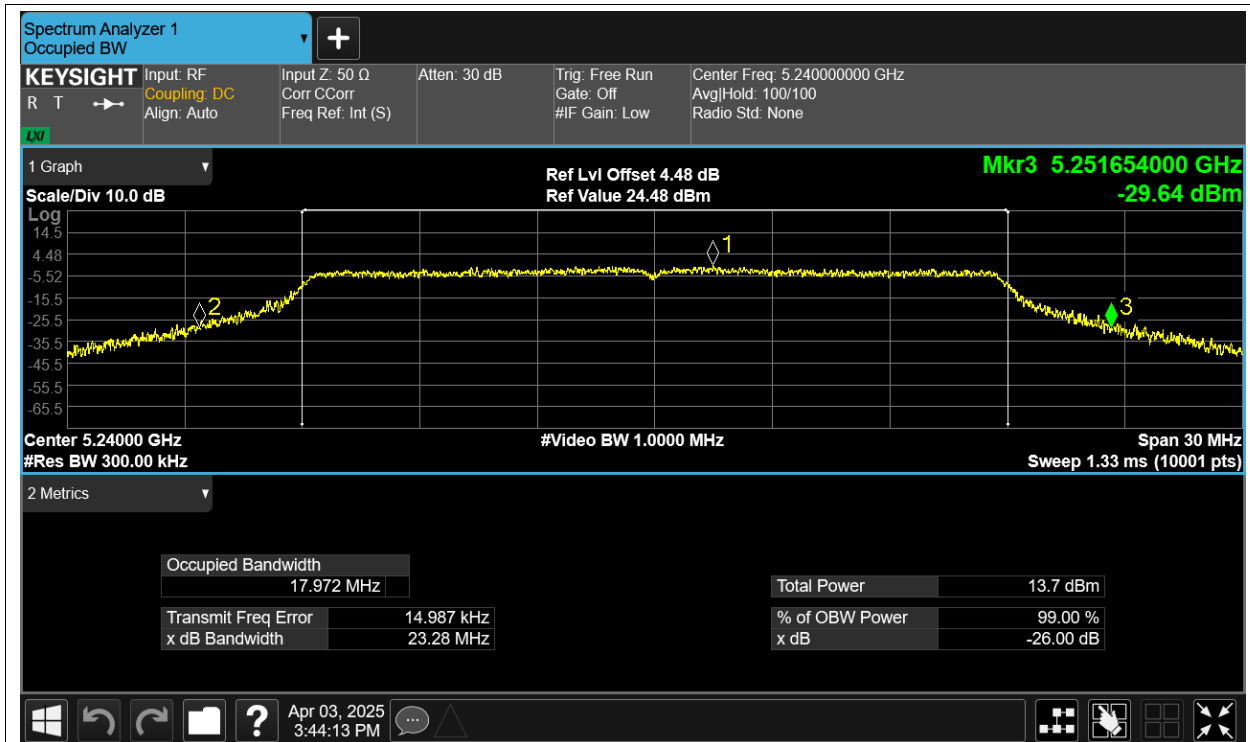




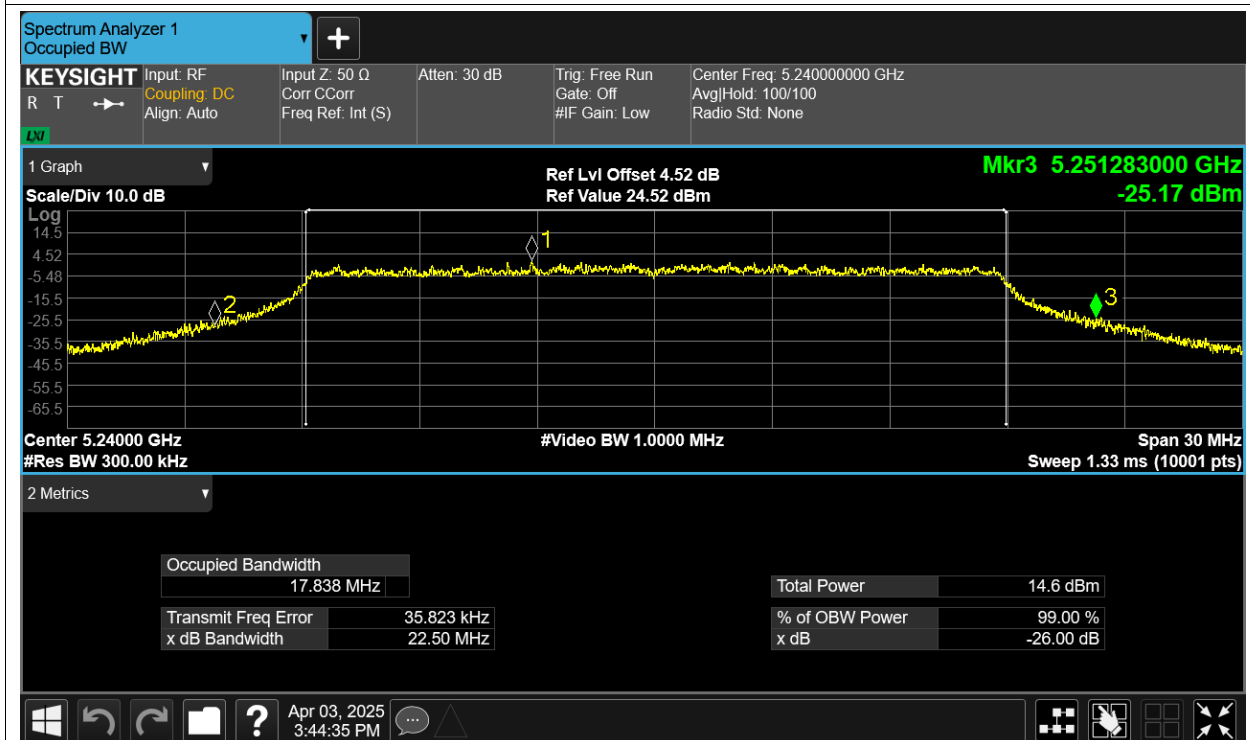
-26dB Bandwidth NVNT ac20 5200MHz Ant8



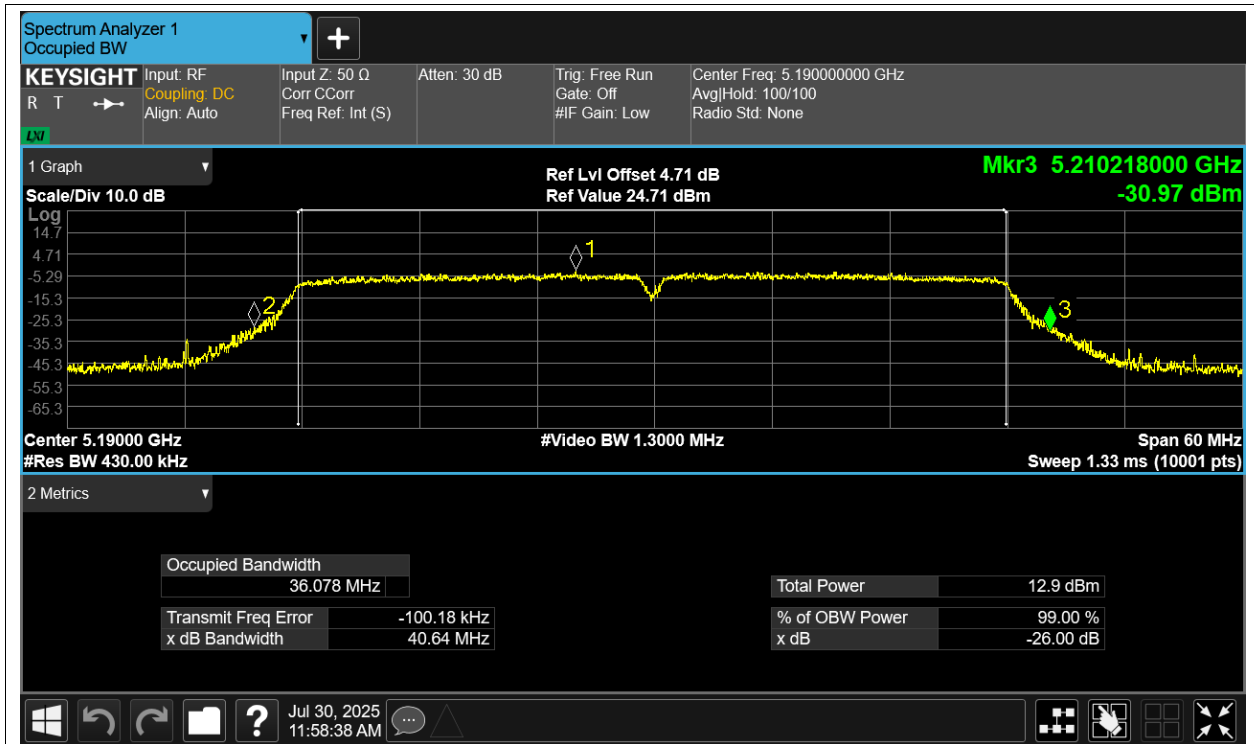
-26dB Bandwidth NVNT ac20 5240MHz Ant0



-26dB Bandwidth NVNT ac20 5240MHz Ant8



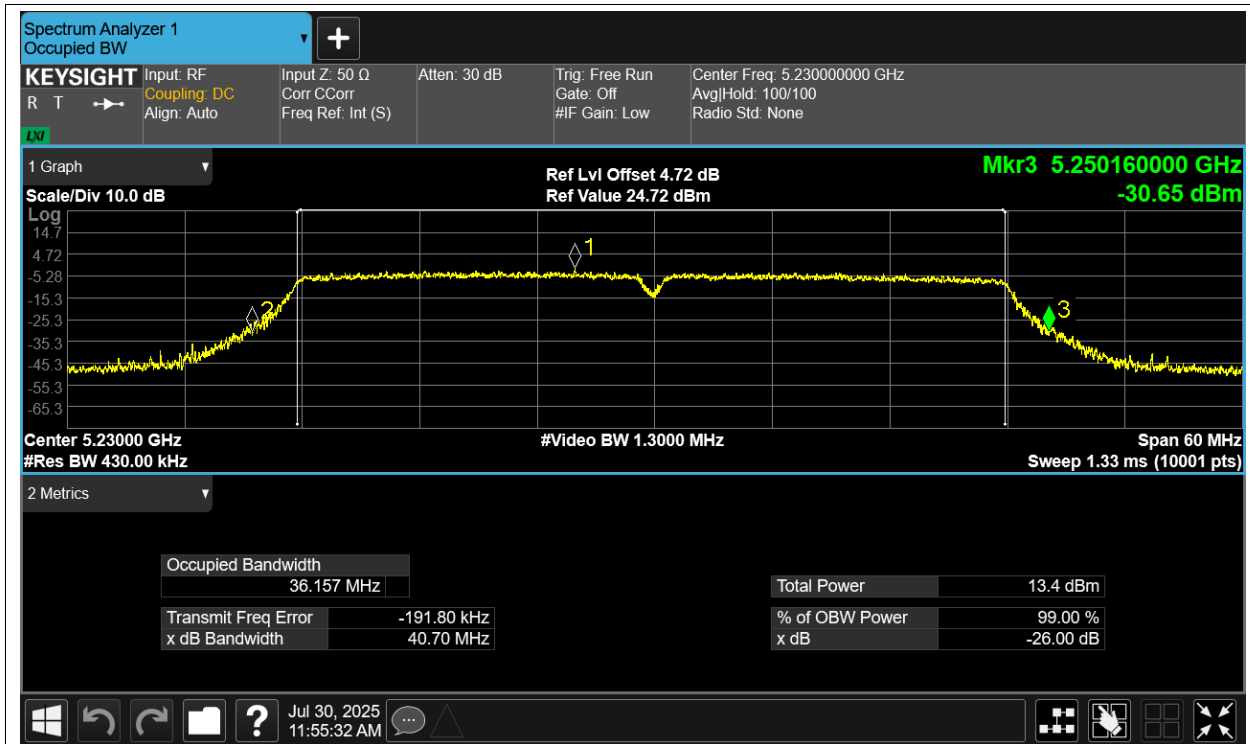
-26dB Bandwidth NVNT ac40 5190MHz Ant0



-26dB Bandwidth NVNT ac40 5190MHz Ant8



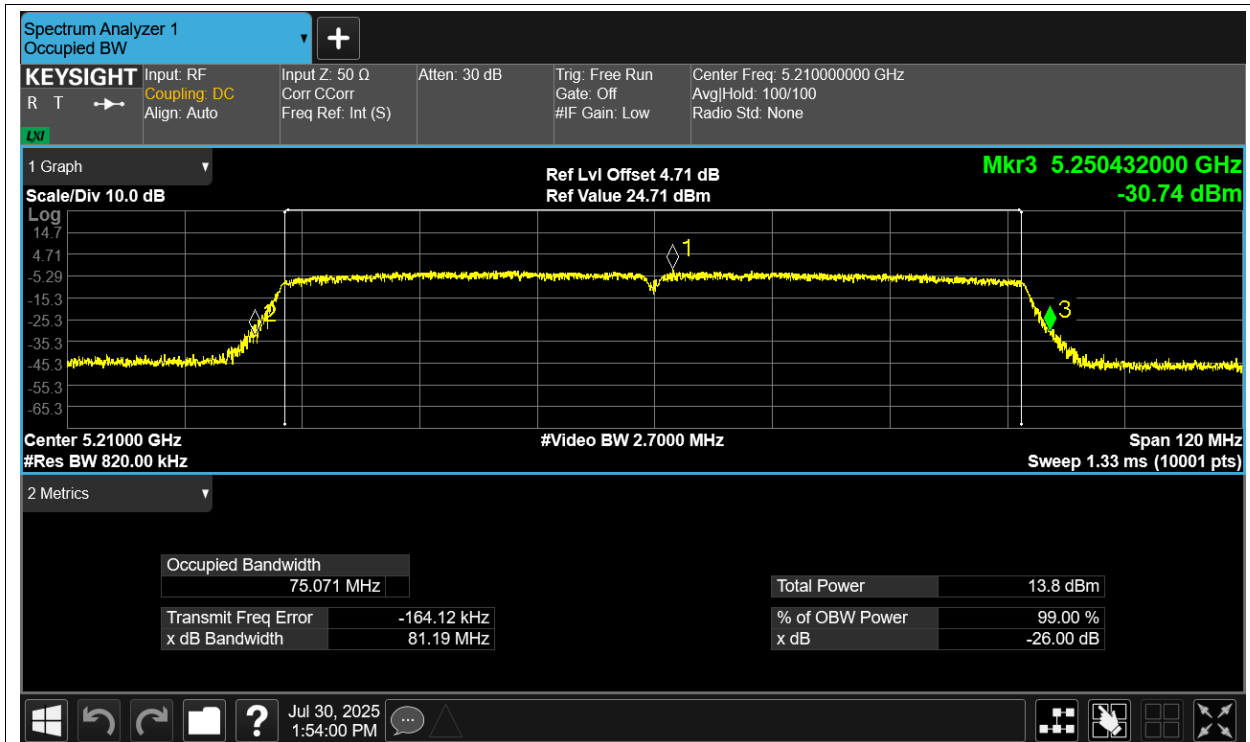
-26dB Bandwidth NVNT ac40 5230MHz Ant0



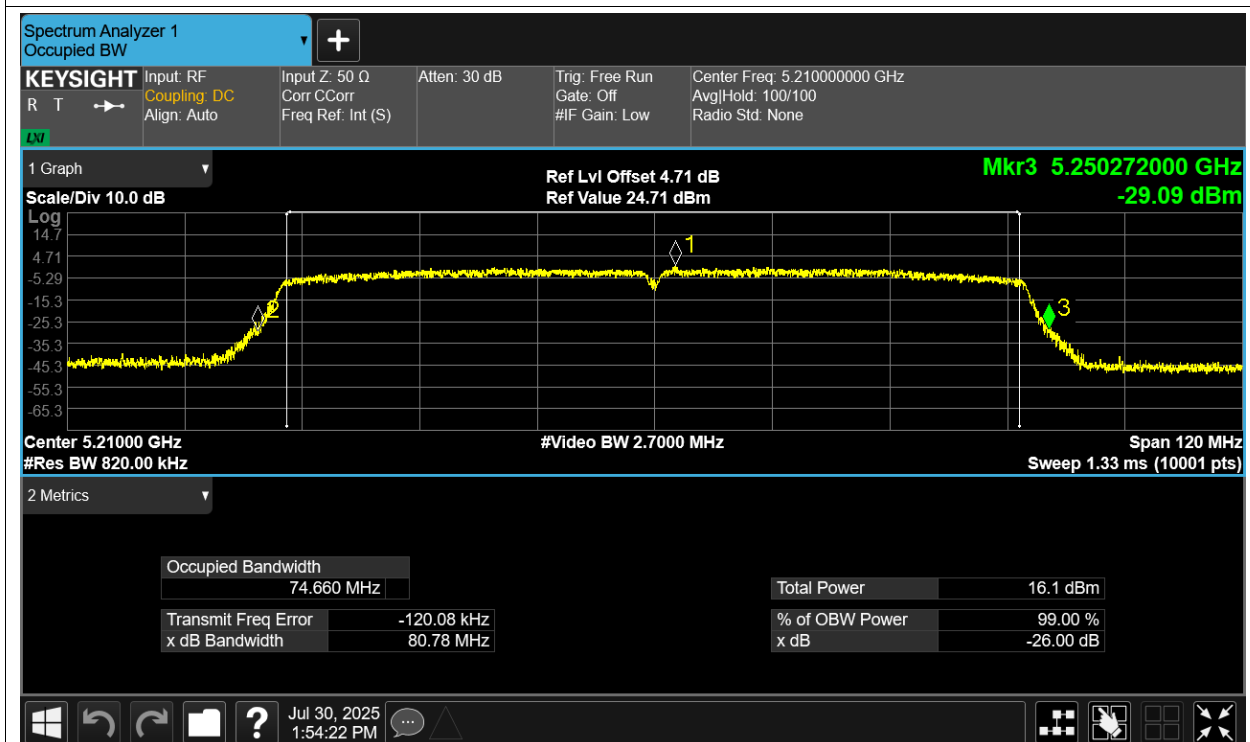
-26dB Bandwidth NVNT ac40 5230MHz Ant8



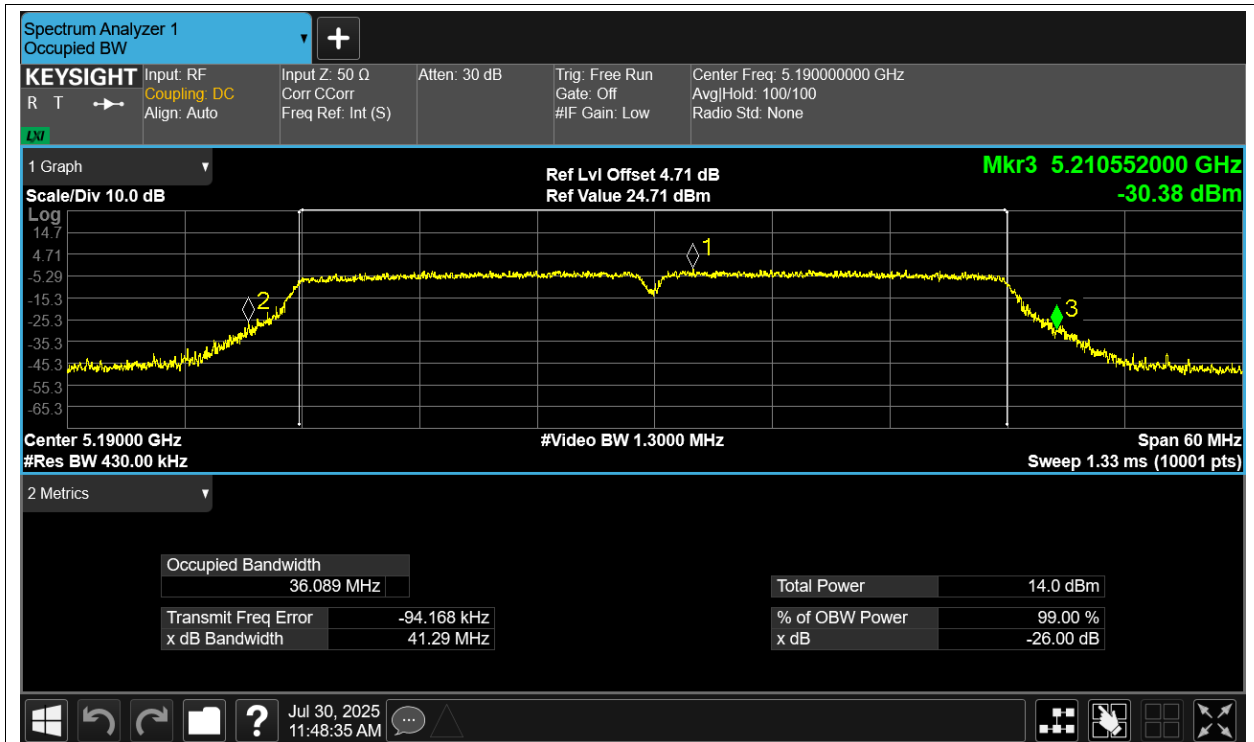
-26dB Bandwidth NVNT ac80 5210MHz Ant0



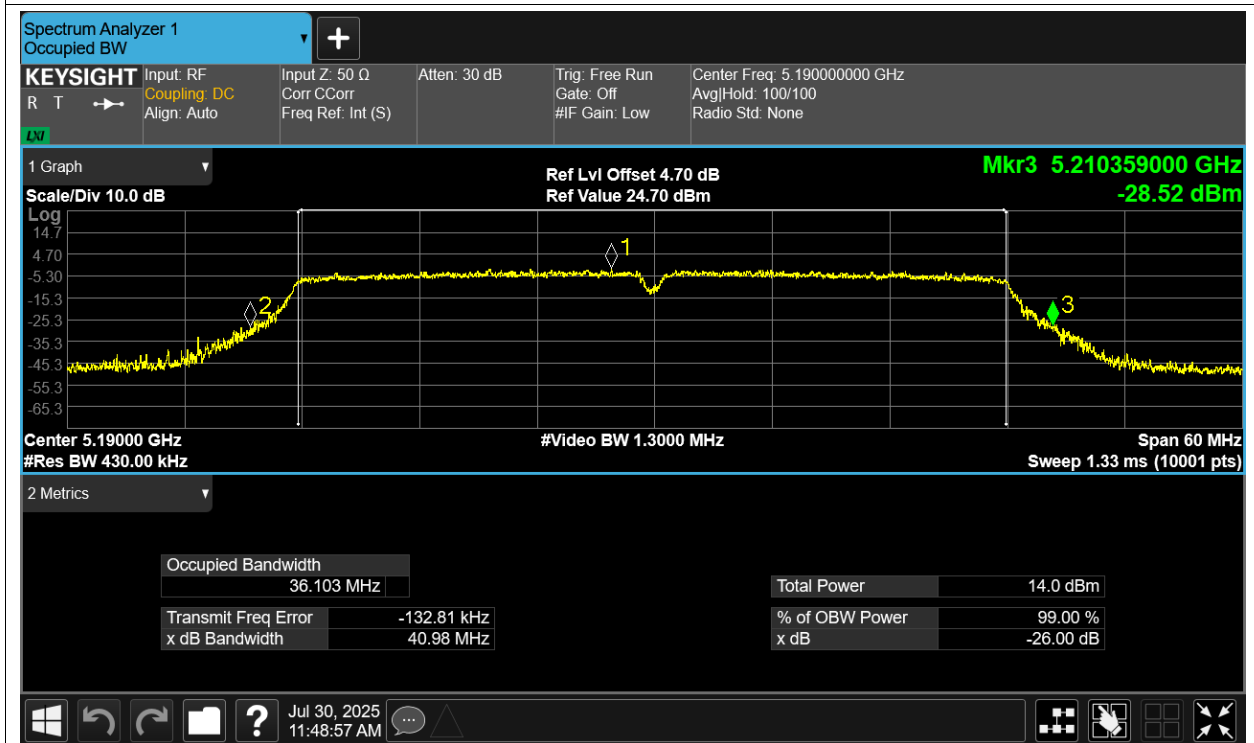
-26dB Bandwidth NVNT ac80 5210MHz Ant8



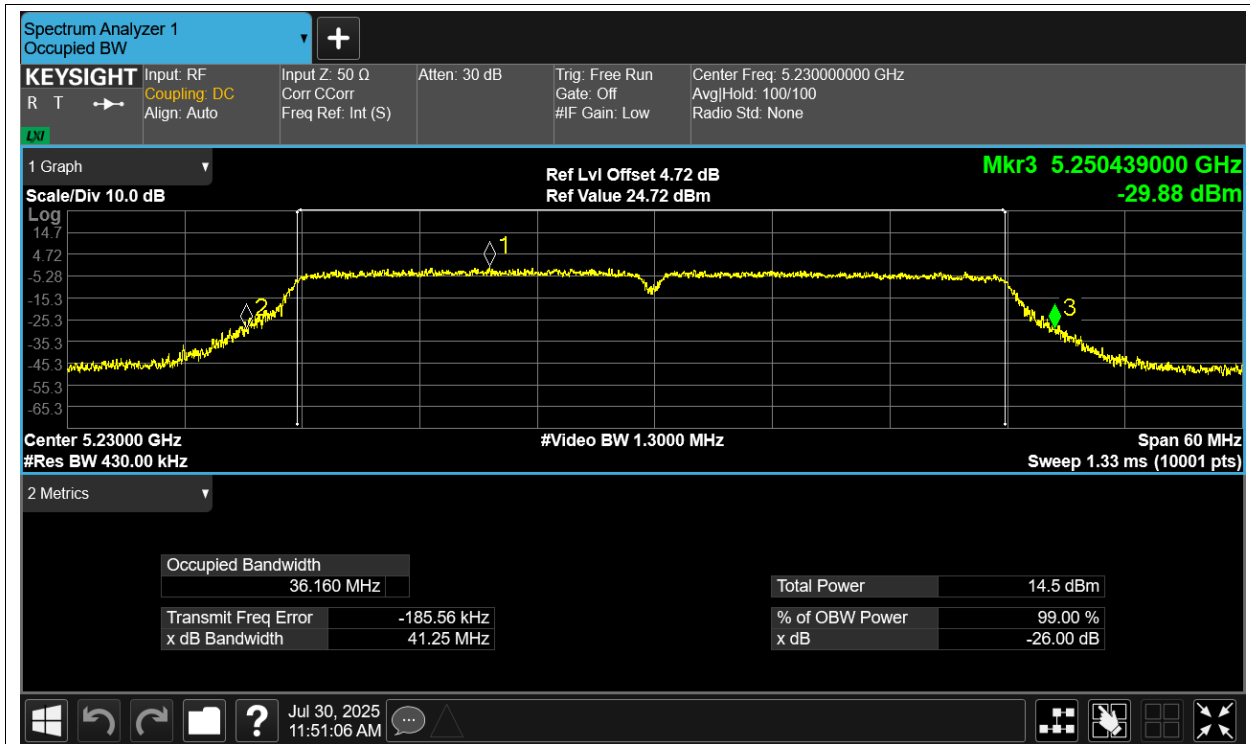
-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5190MHz Ant8



-26dB Bandwidth NVNT n40 5230MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant8

