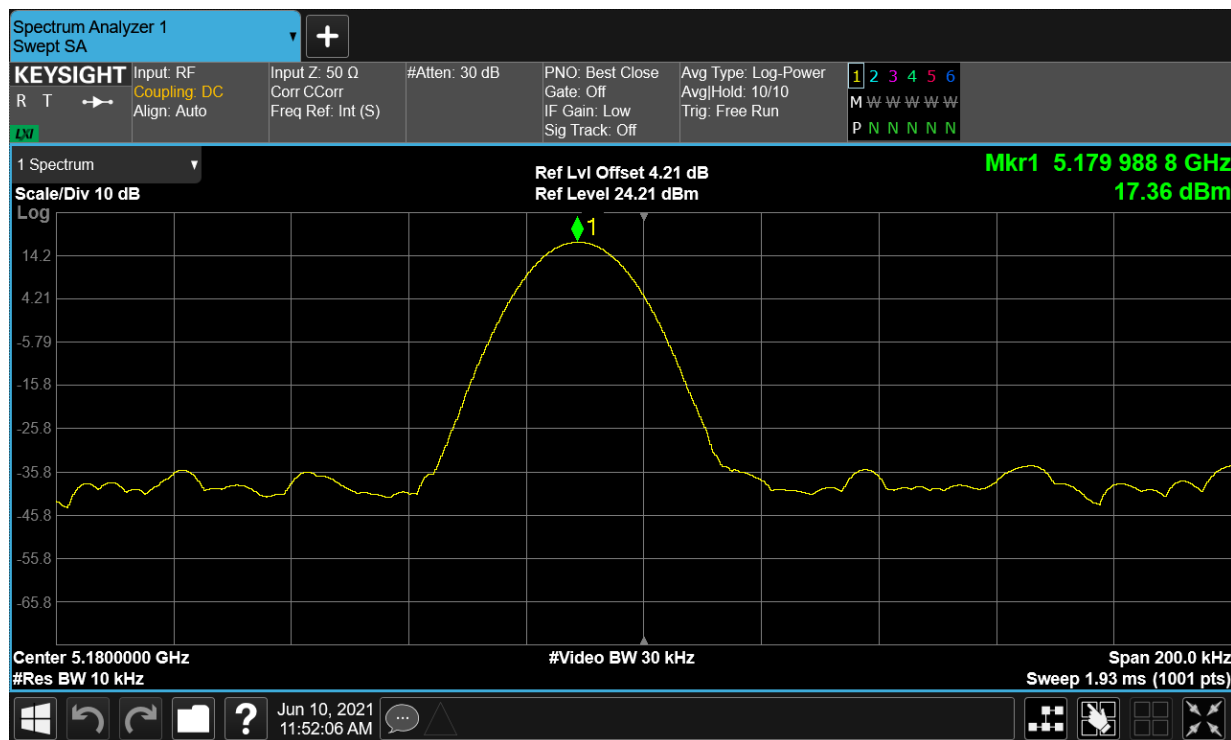


Test Data

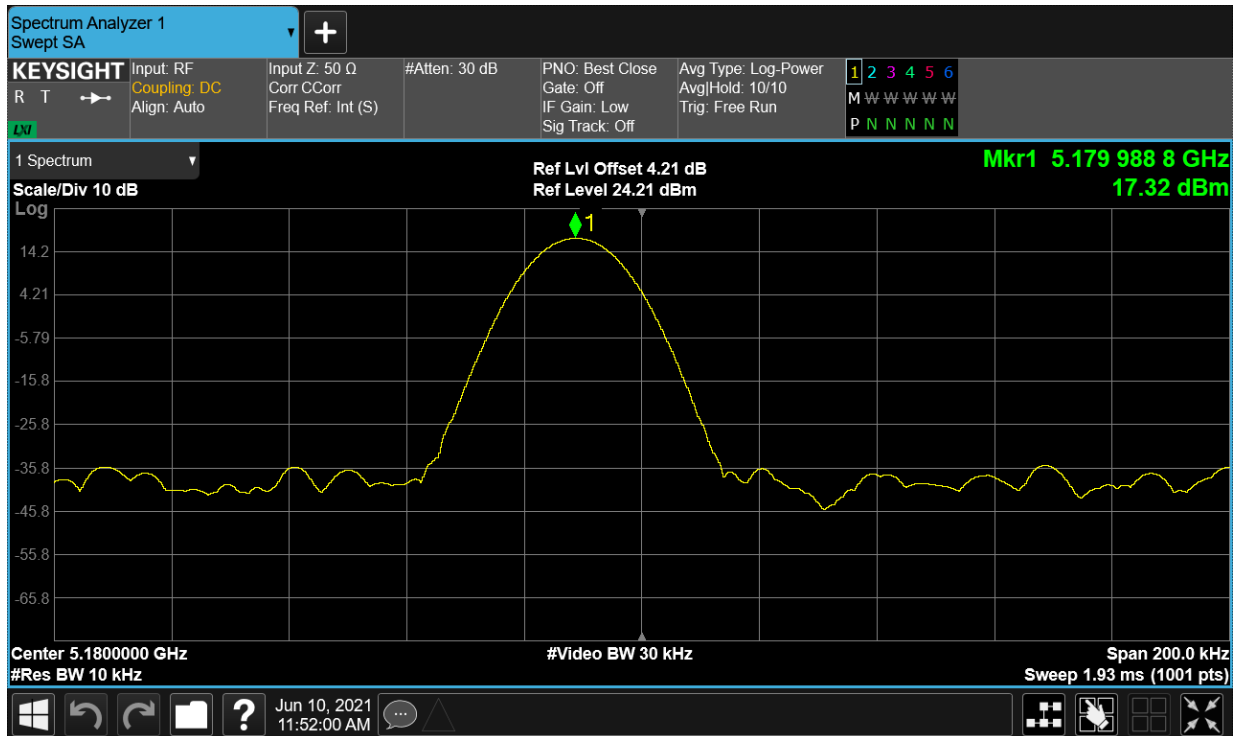
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5180	Ant1	5179.9888	-2.16	25	Pass
HVLT	a	5180	Ant1	5179.9888	-2.16	25	Pass
LVHT	a	5180	Ant1	5179.9888	-2.16	25	Pass
LVLt	a	5180	Ant1	5179.9888	-2.16	25	Pass
NVNT	a	5180	Ant1	5179.9886	-2.2	25	Pass
HVHT	ac80	5210	Ant1	5209.9894	-2.03	25	Pass
HVLT	ac80	5210	Ant1	5209.9892	-2.07	25	Pass
LVHT	ac80	5210	Ant1	5209.9894	-2.03	25	Pass
LVLt	ac80	5210	Ant1	5209.9892	-2.07	25	Pass
NVNT	ac80	5210	Ant1	5209.9892	-2.07	25	Pass
HVHT	n40	5190	Ant1	5189.989	-2.12	25	Pass
HVLT	n40	5190	Ant1	5189.989	-2.12	25	Pass
LVHT	n40	5190	Ant1	5189.989	-2.12	25	Pass
LVLt	n40	5190	Ant1	5189.989	-2.12	25	Pass
NVNT	n40	5190	Ant1	5189.9888	-2.16	25	Pass

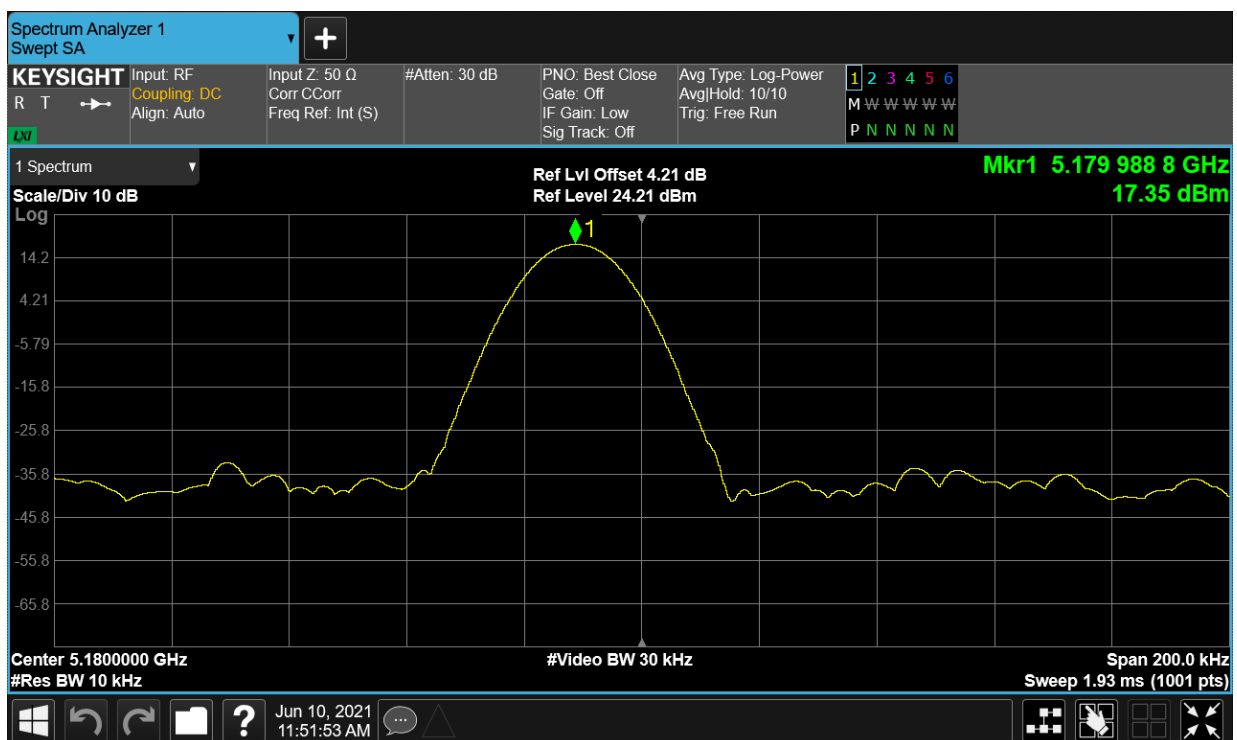
Freq. Stability HVHT a 5180MHz Ant1



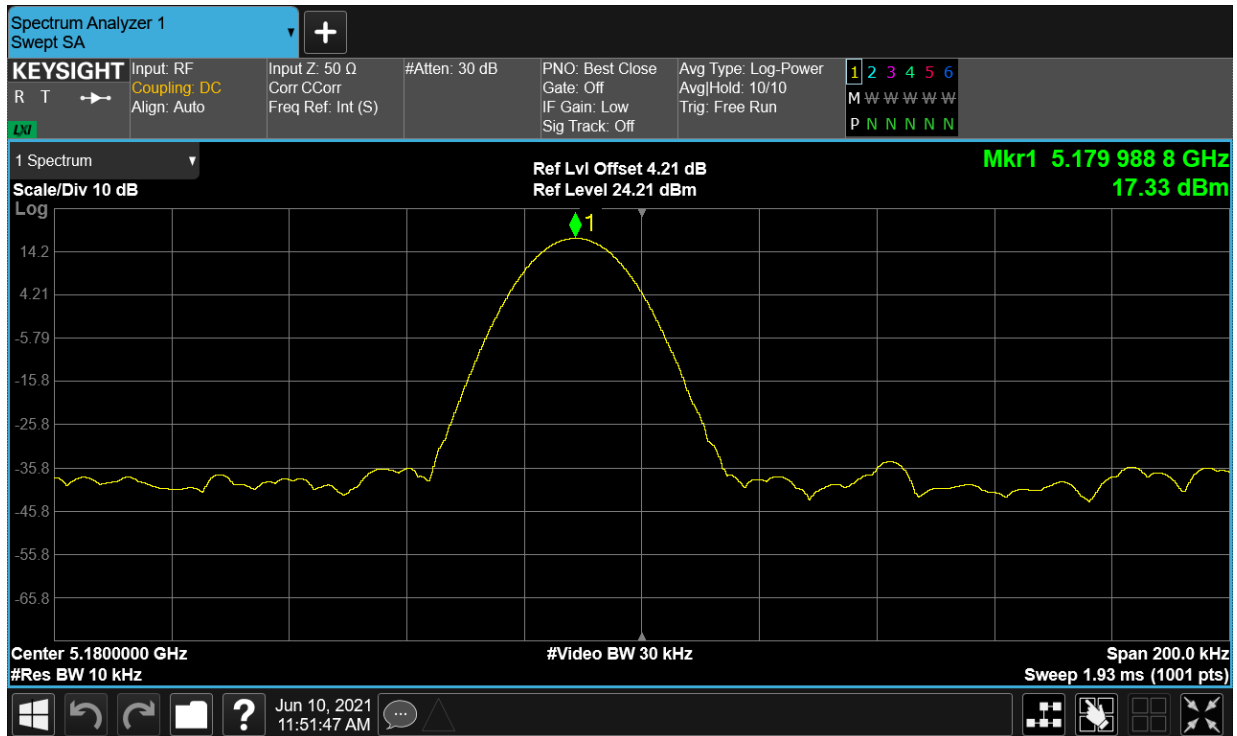
Freq. Stability HVLT a 5180MHz Ant1



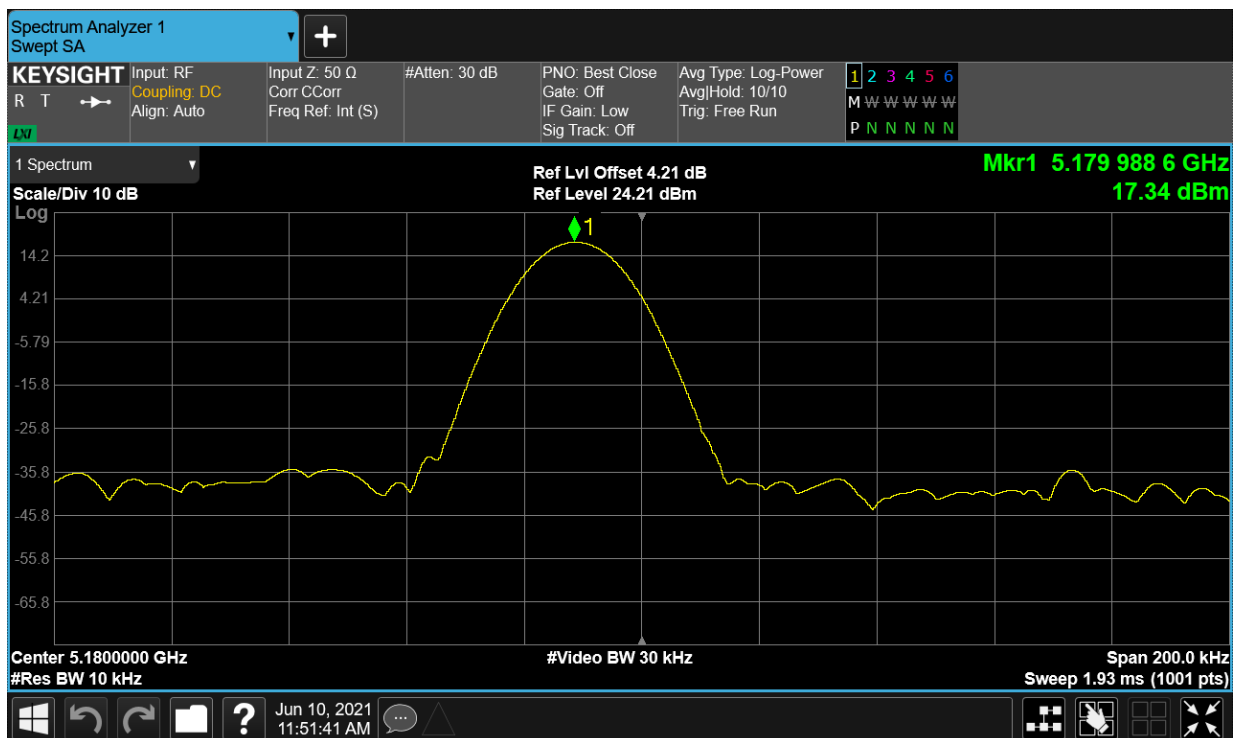
Freq. Stability LVHT a 5180MHz Ant1



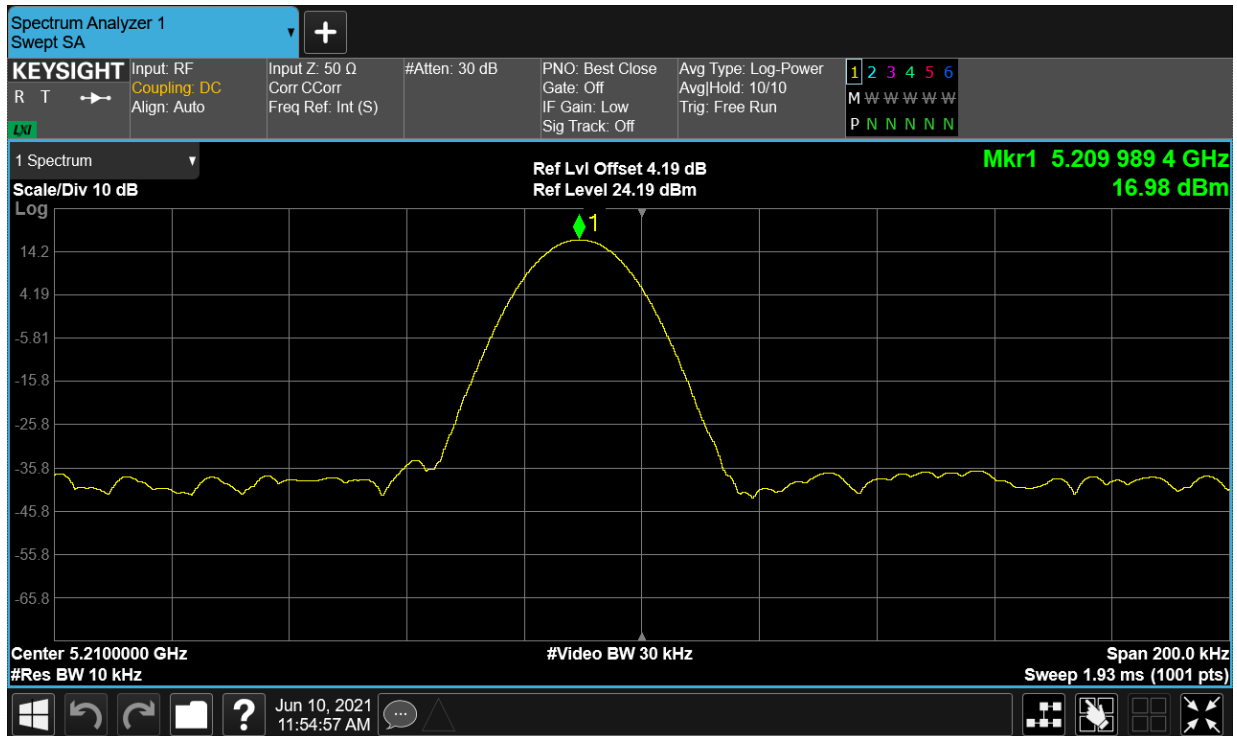
Freq. Stability LVLT a 5180MHz Ant1



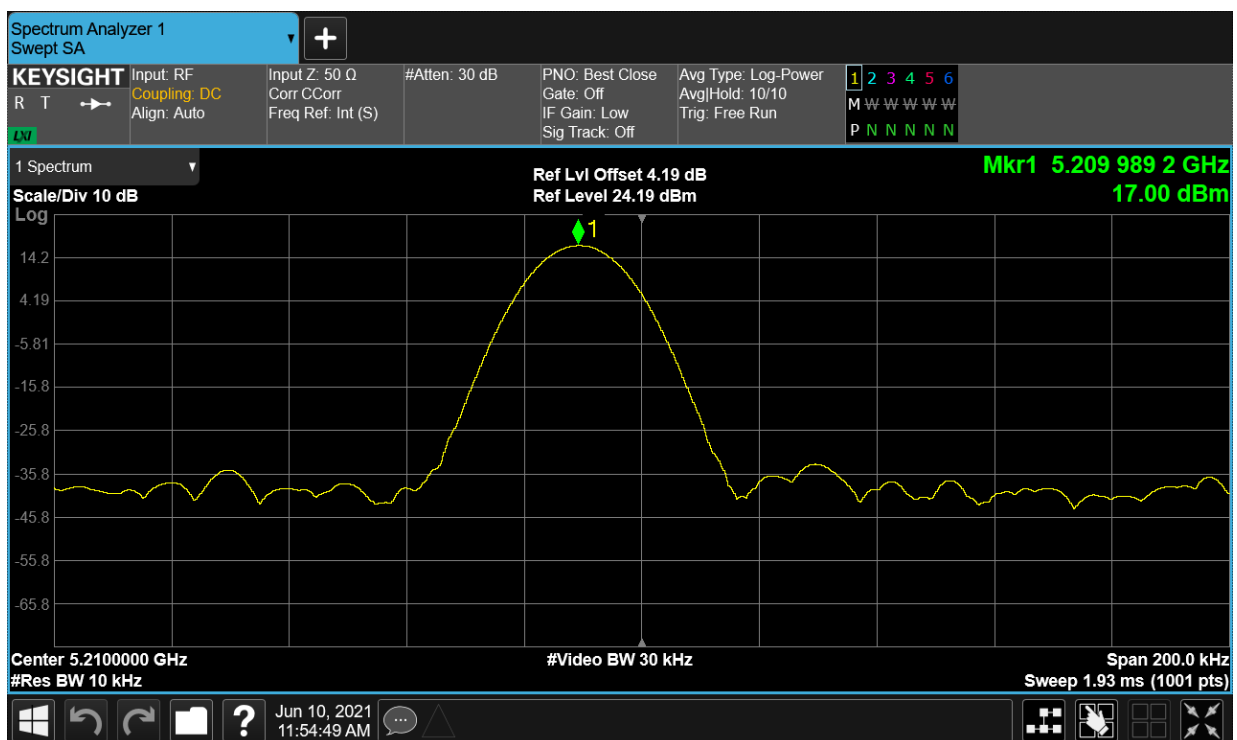
Freq. Stability NVNT a 5180MHz Ant1



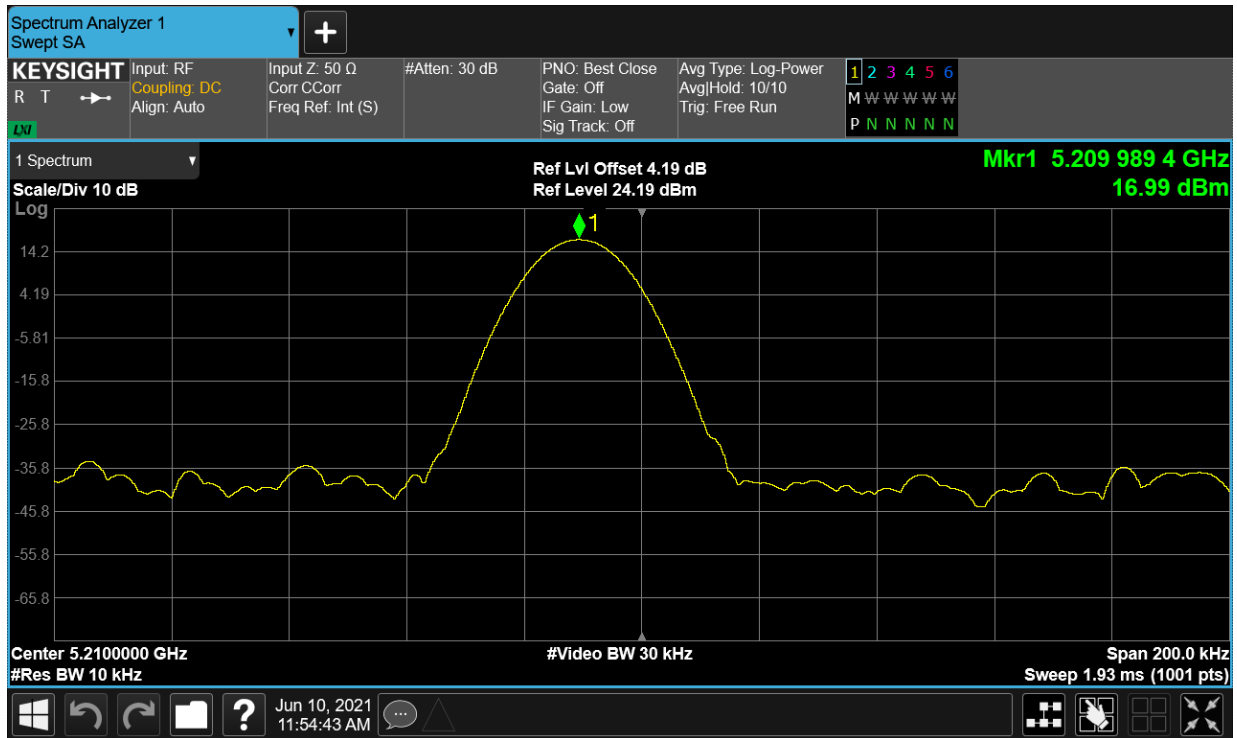
Freq. Stability HVHT ac80 5210MHz Ant1



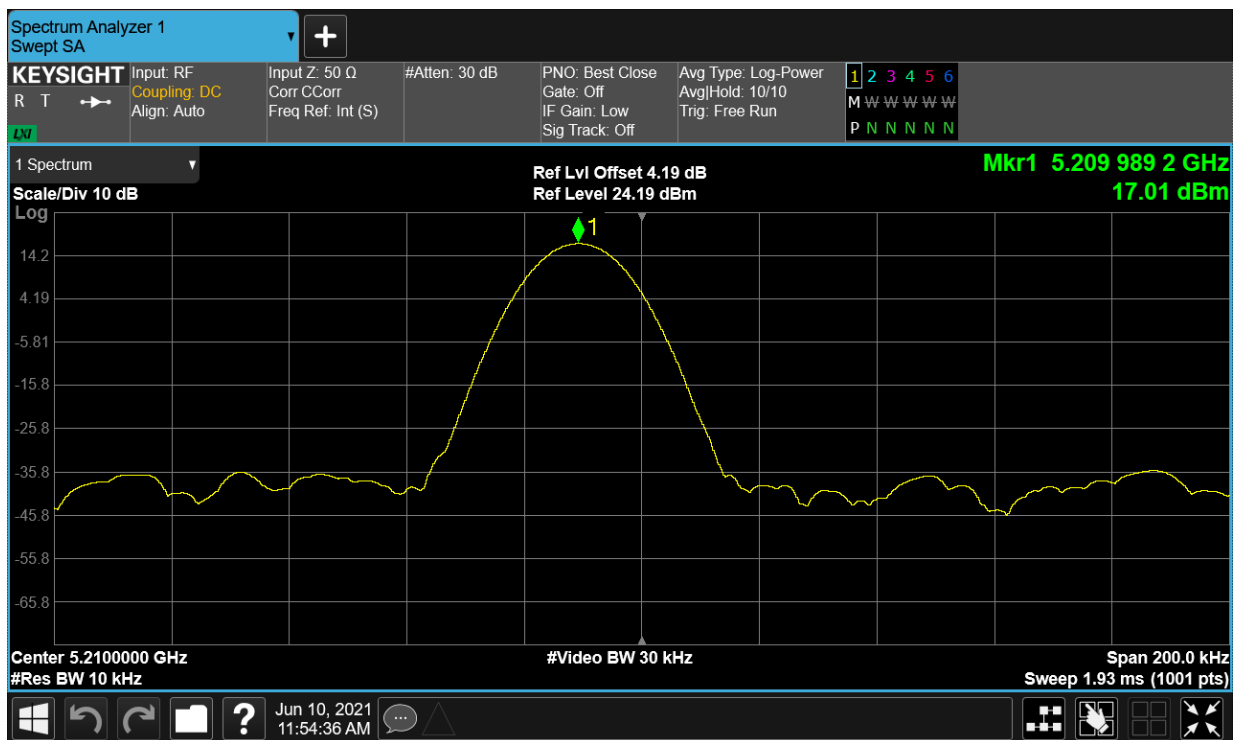
Freq. Stability HVLT ac80 5210MHz Ant1



Freq. Stability LVHT ac80 5210MHz Ant1



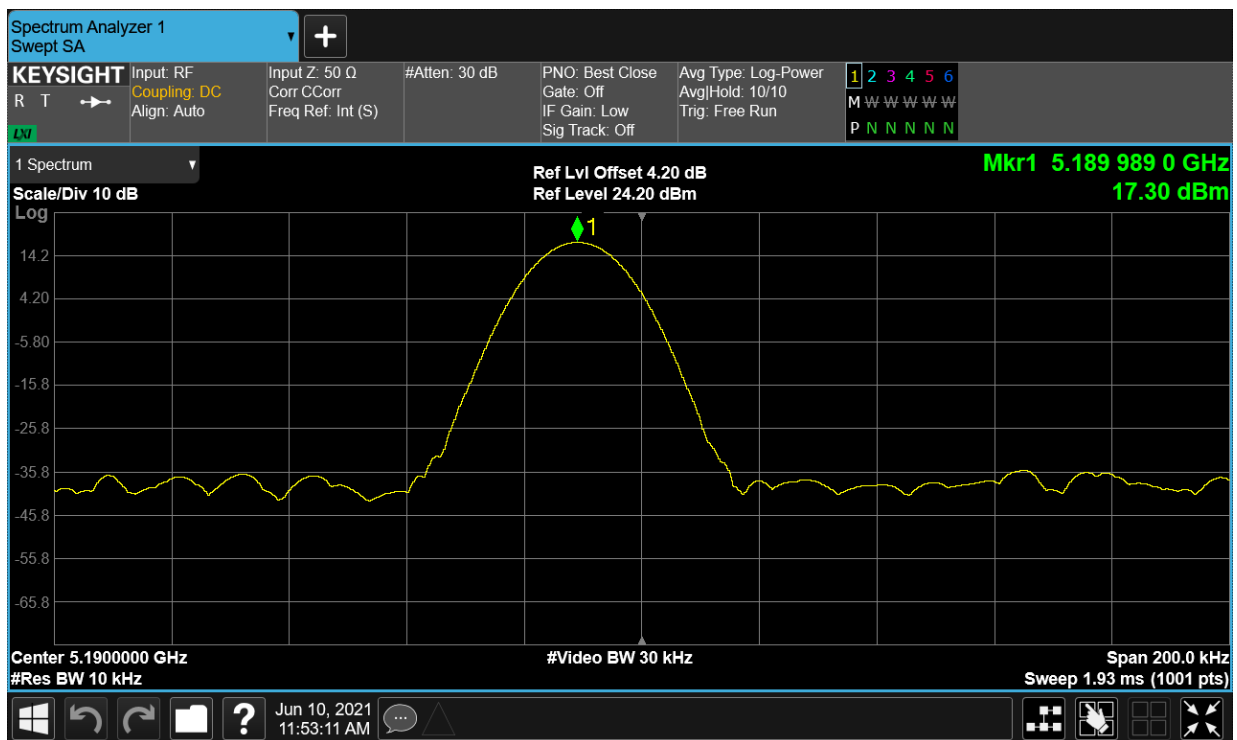
Freq. Stability LVLTL ac80 5210MHz Ant1



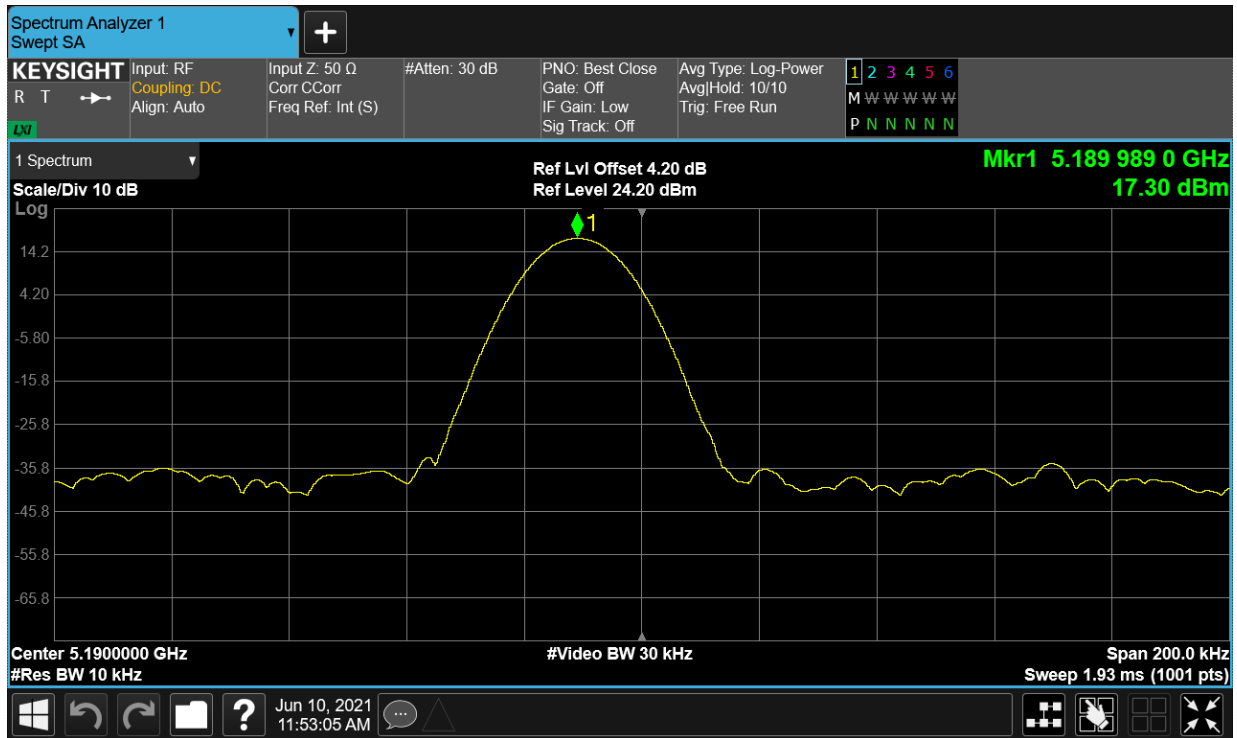
Freq. Stability NVNT ac80 5210MHz Ant1



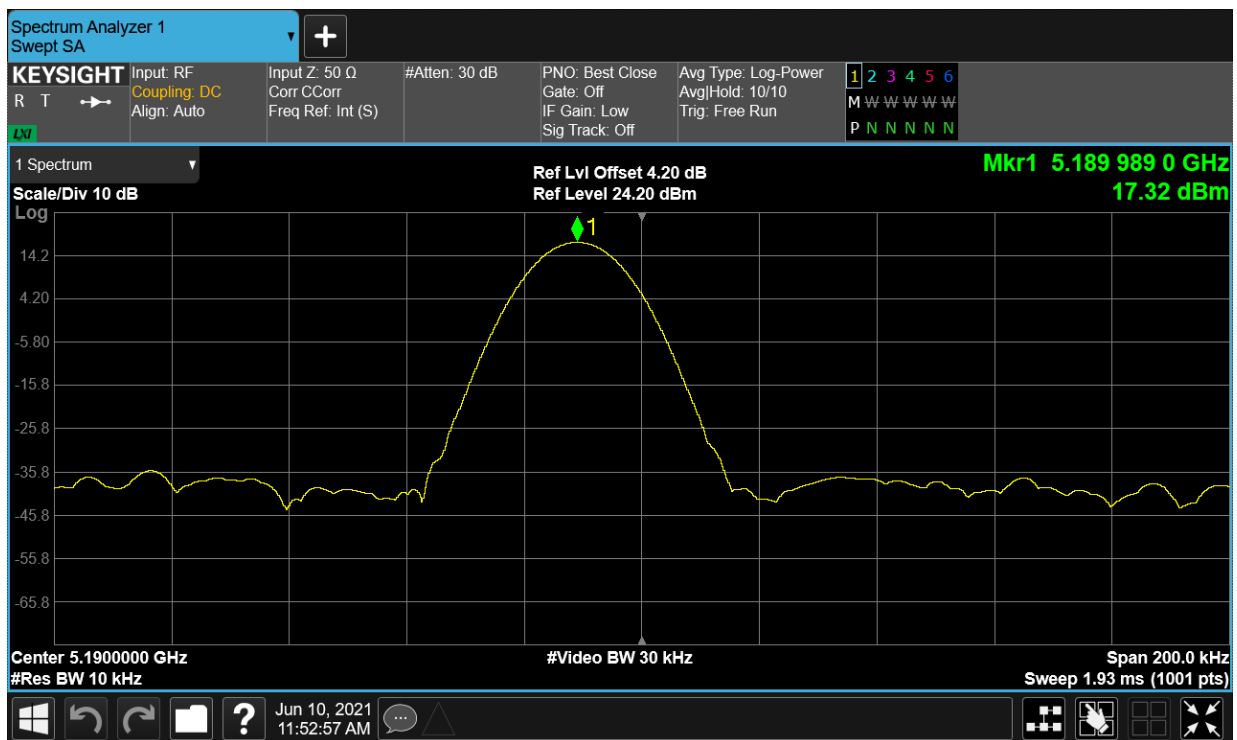
Freq. Stability HVHT n40 5190MHz Ant1



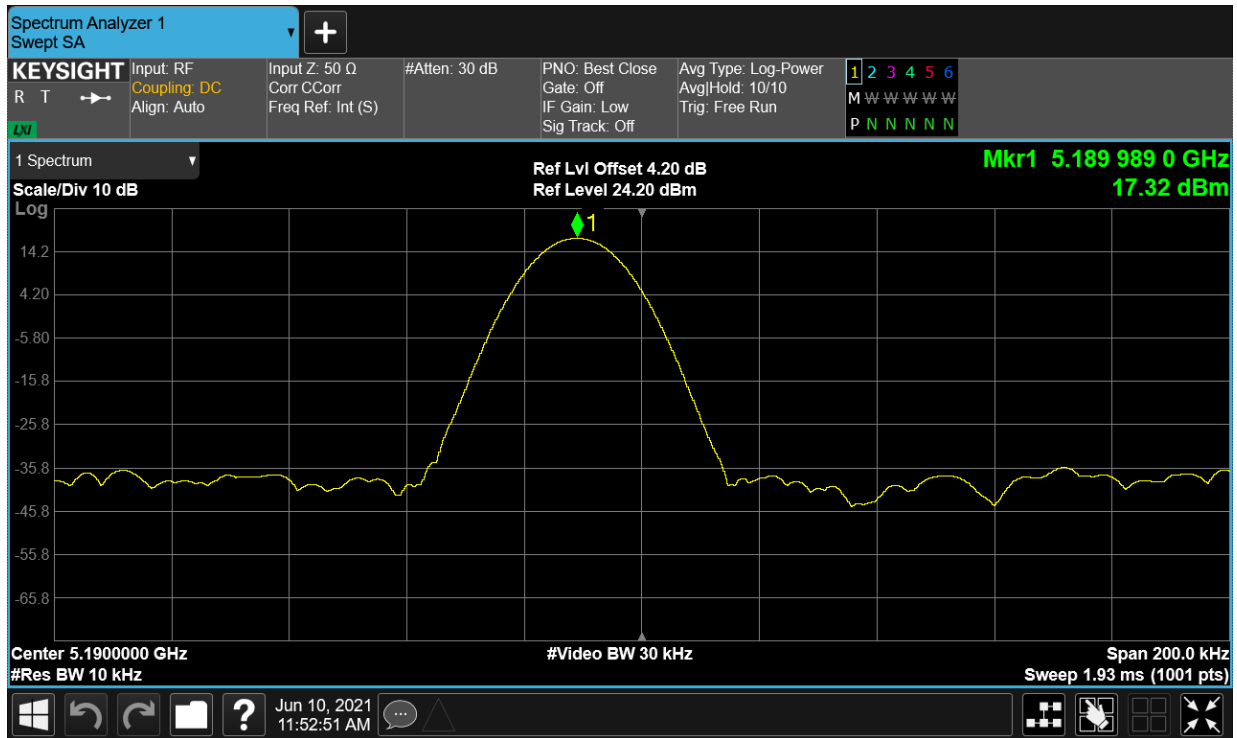
Freq. Stability HVLT n40 5190MHz Ant1



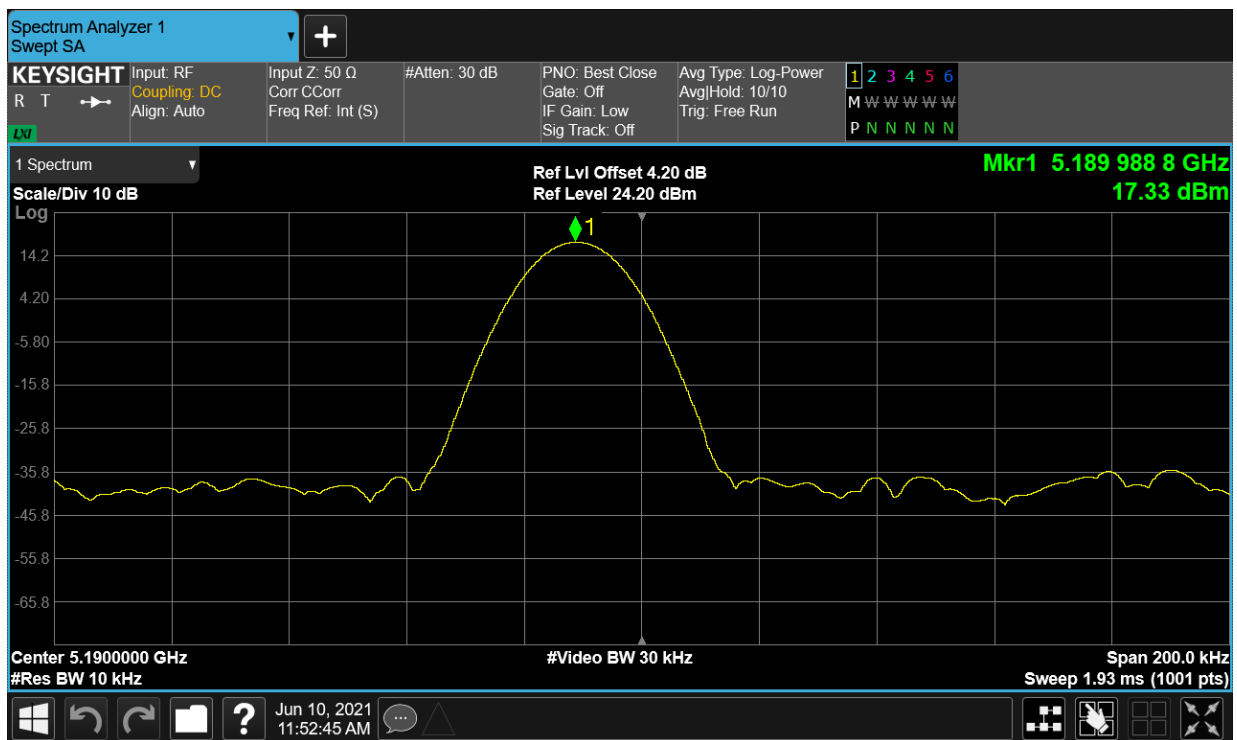
Freq. Stability LVHT n40 5190MHz Ant1



Freq. Stability LVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

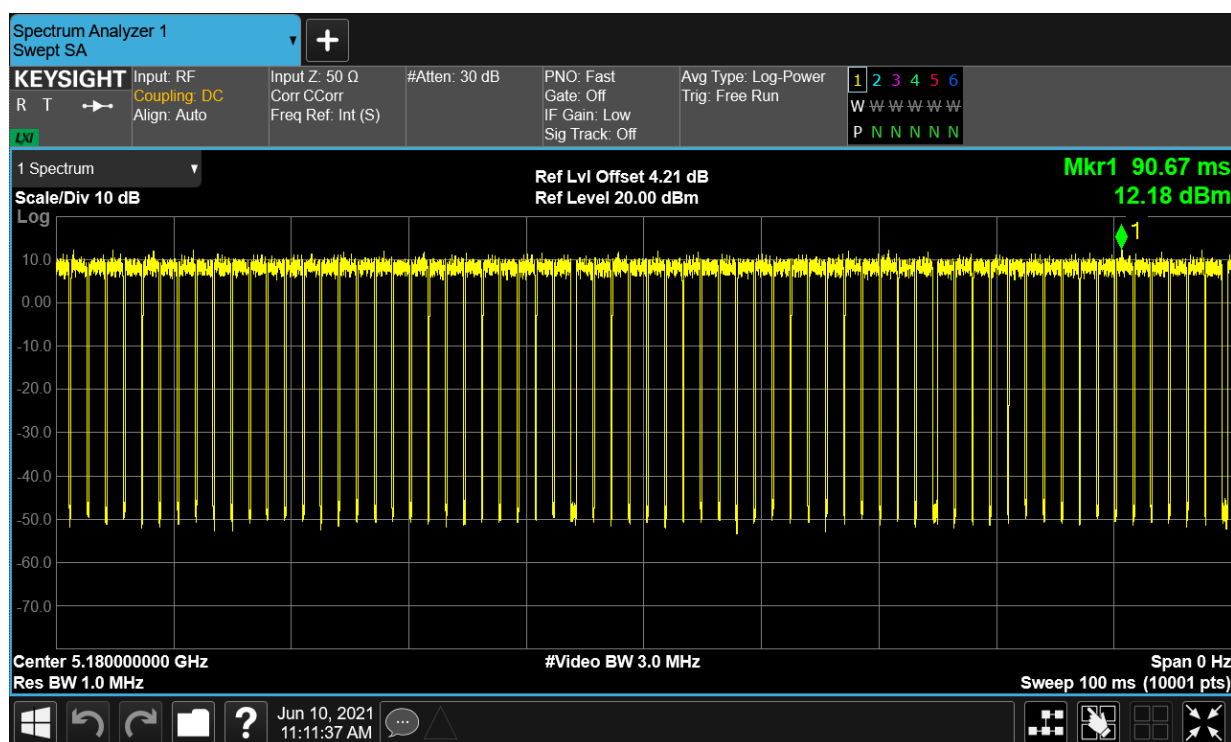


Duty Cycle

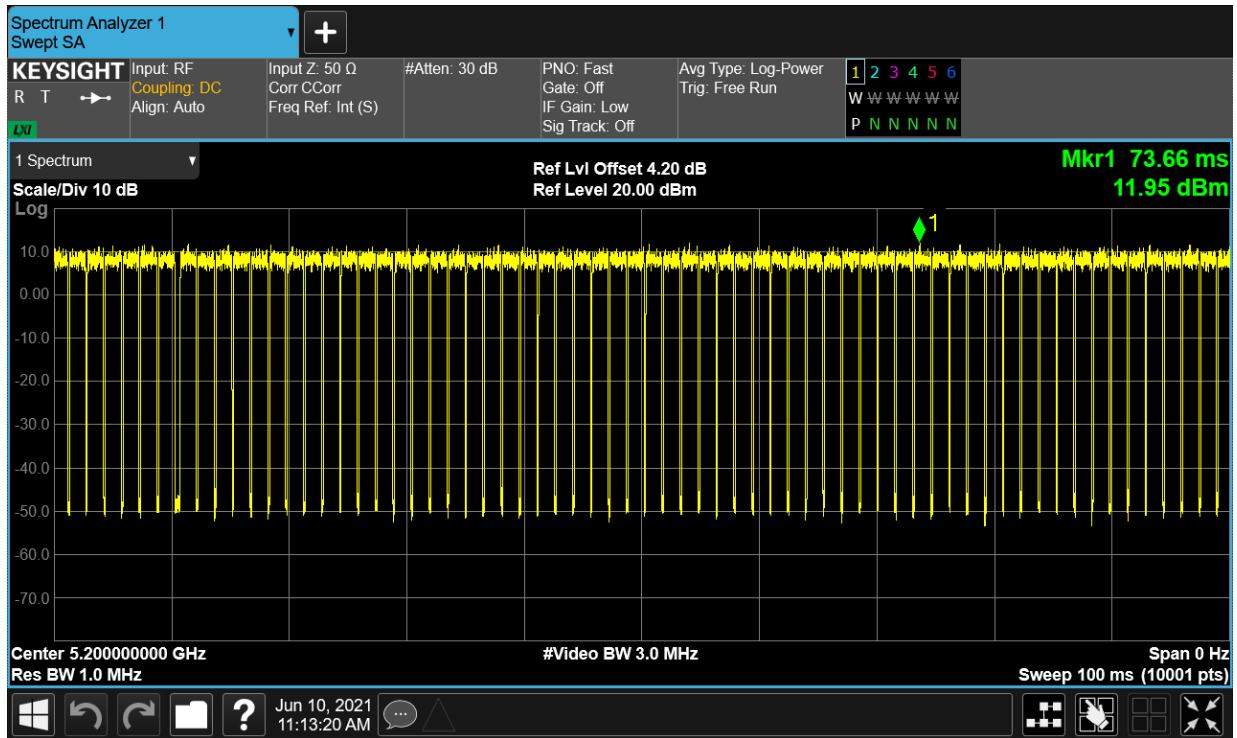
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	89.48	0.48
NVNT	a	5200	Ant1	90.09	0.45
NVNT	a	5240	Ant1	90.19	0.45

NVNT	ac20	5180	Ant1	88.3	0.54
NVNT	ac20	5200	Ant1	89.48	0.48
NVNT	ac20	5240	Ant1	89.32	0.49
NVNT	ac40	5190	Ant1	81.24	0.9
NVNT	ac40	5230	Ant1	81.39	0.89
NVNT	ac80	5210	Ant1	68.37	1.65
NVNT	n20	5180	Ant1	87.99	0.56
NVNT	n20	5200	Ant1	88.72	0.52
NVNT	n20	5240	Ant1	88.86	0.51
NVNT	n40	5190	Ant1	80.38	0.95
NVNT	n40	5230	Ant1	81.18	0.91

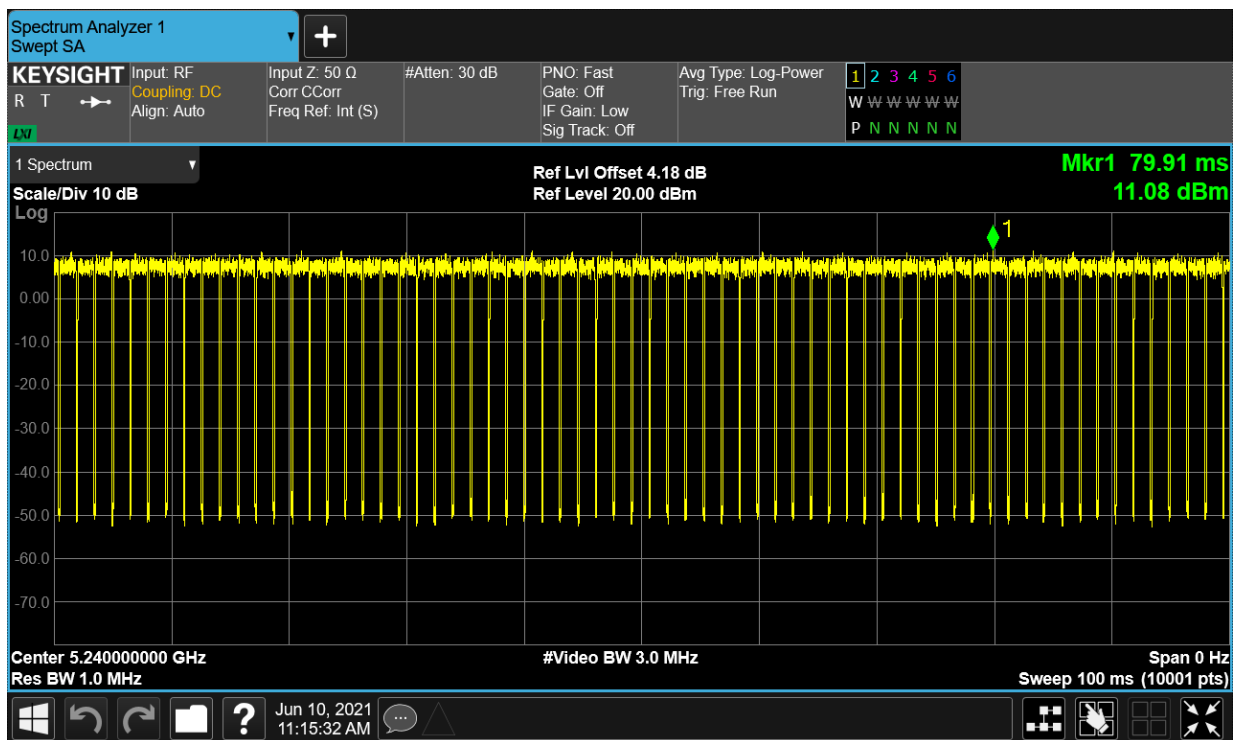
Duty Cycle NVNT a 5180MHz Ant1



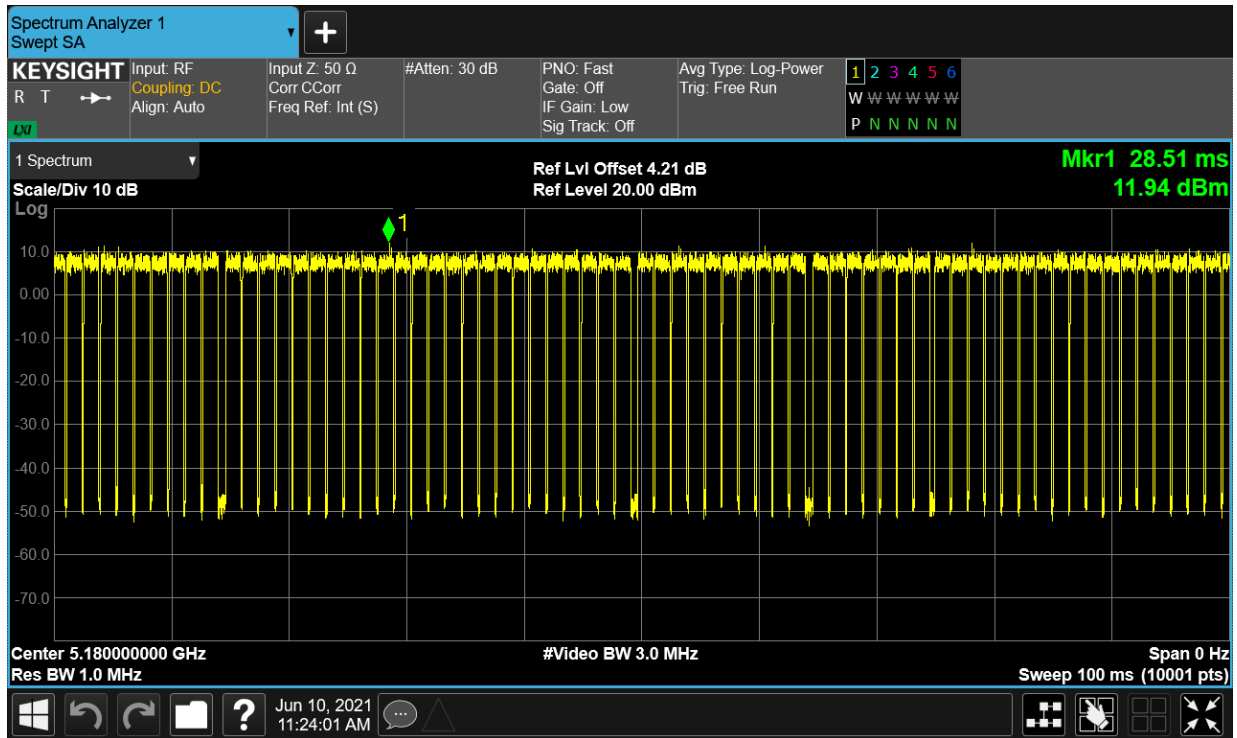
Duty Cycle NVNT a 5200MHz Ant1



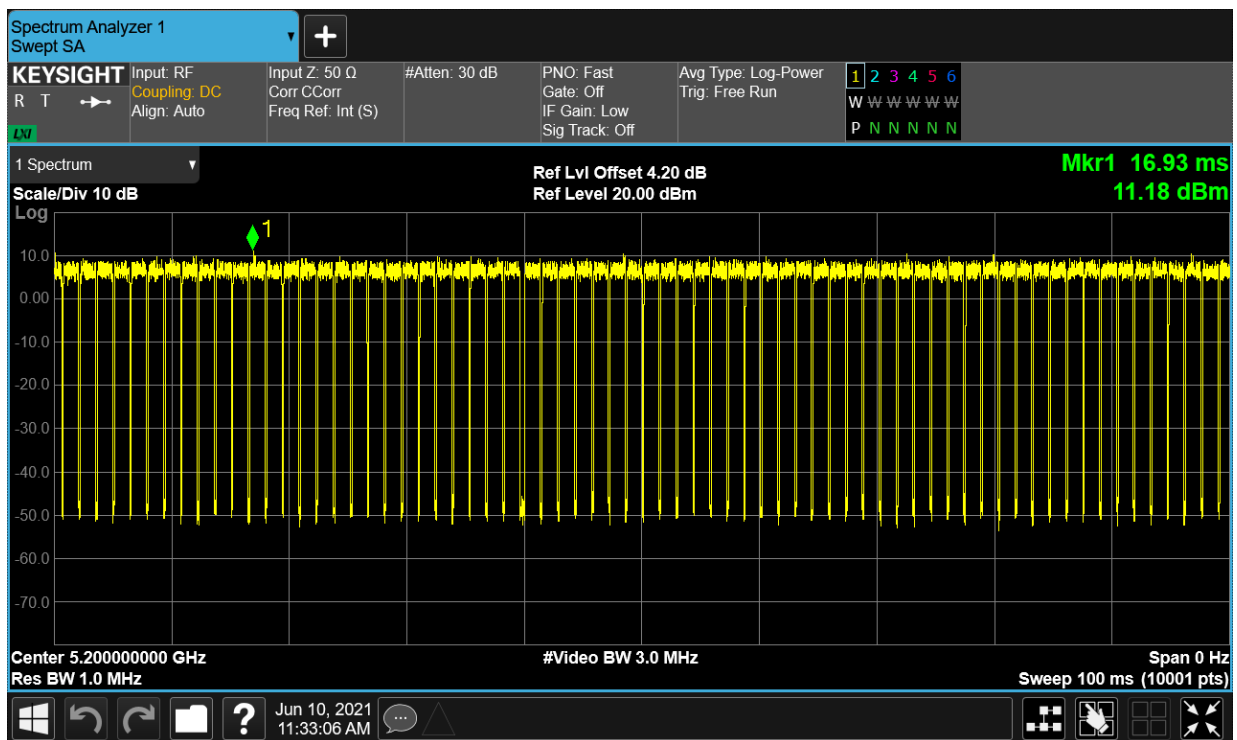
Duty Cycle NVNT a 5240MHz Ant1



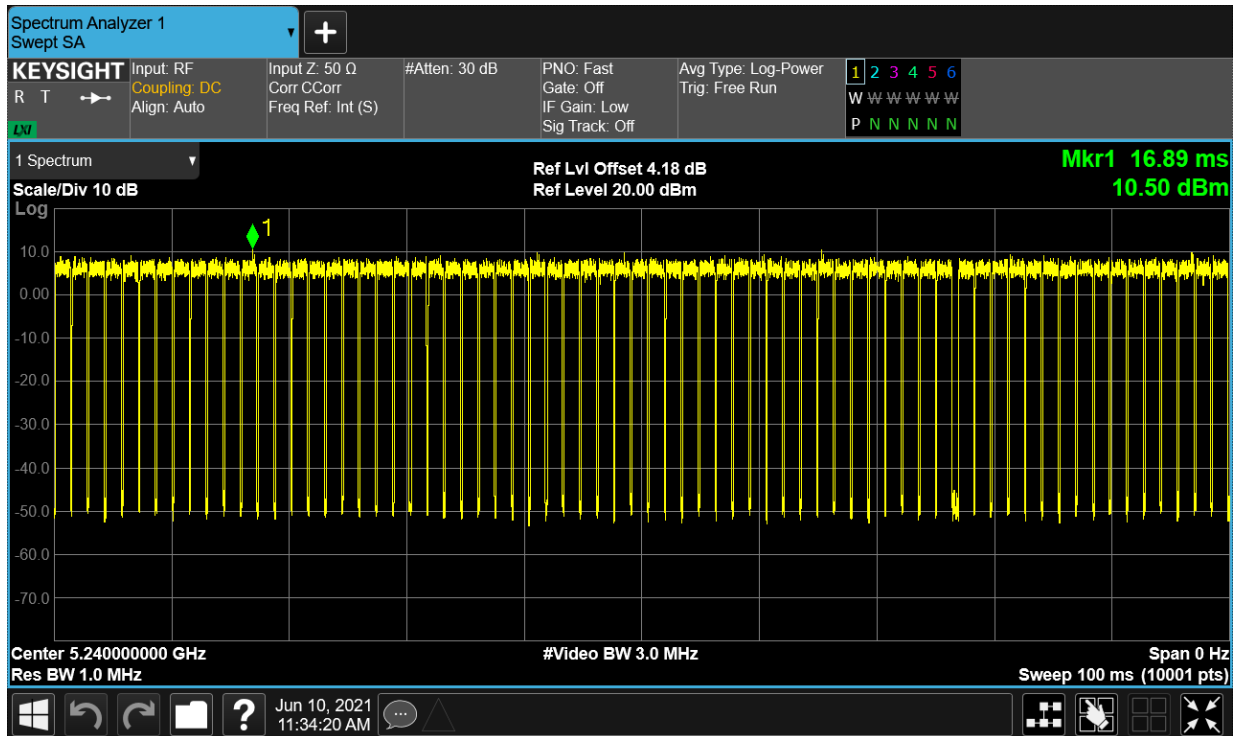
Duty Cycle NVNT ac20 5180MHz Ant1



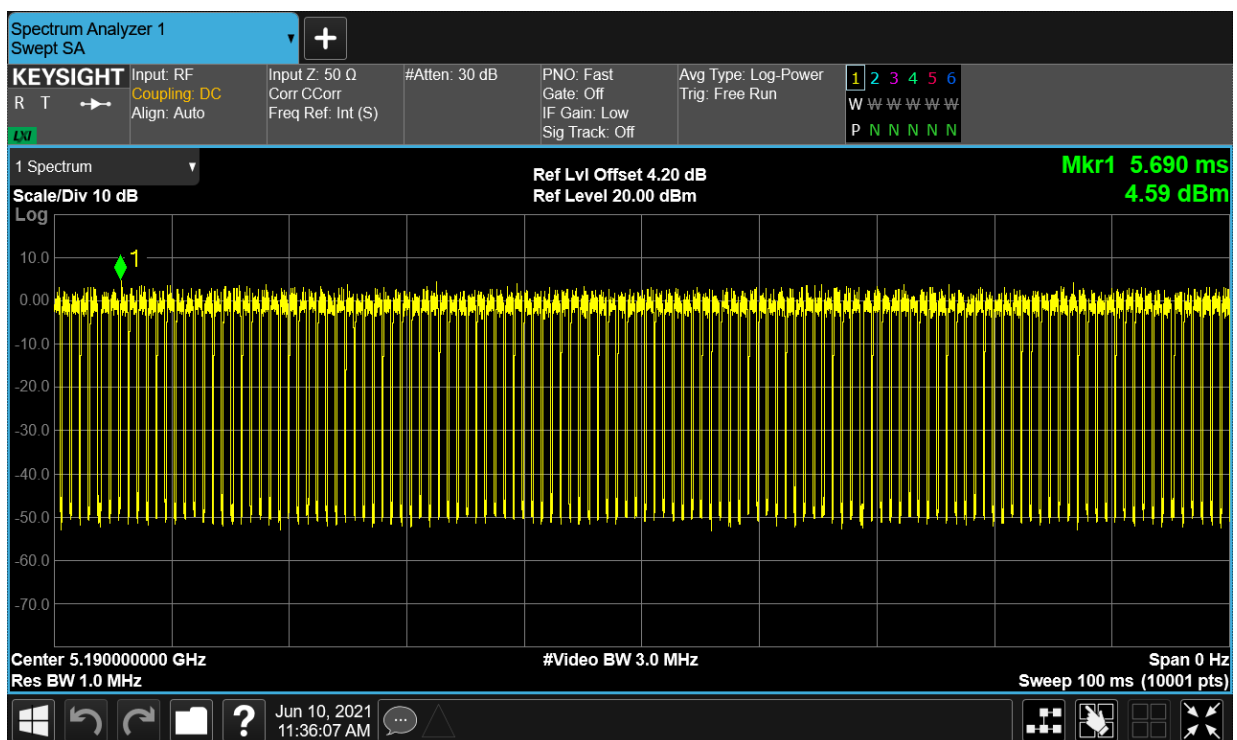
Duty Cycle NVNT ac20 5200MHz Ant1



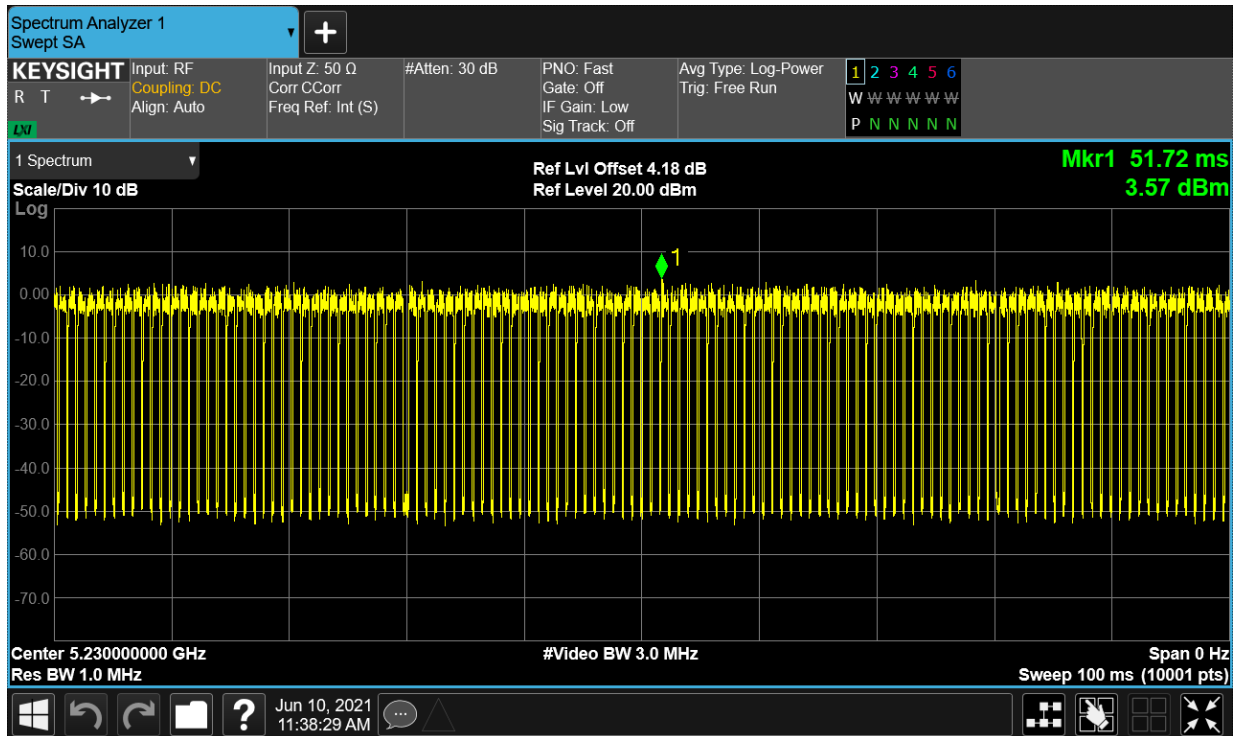
Duty Cycle NVNT ac20 5240MHz Ant1



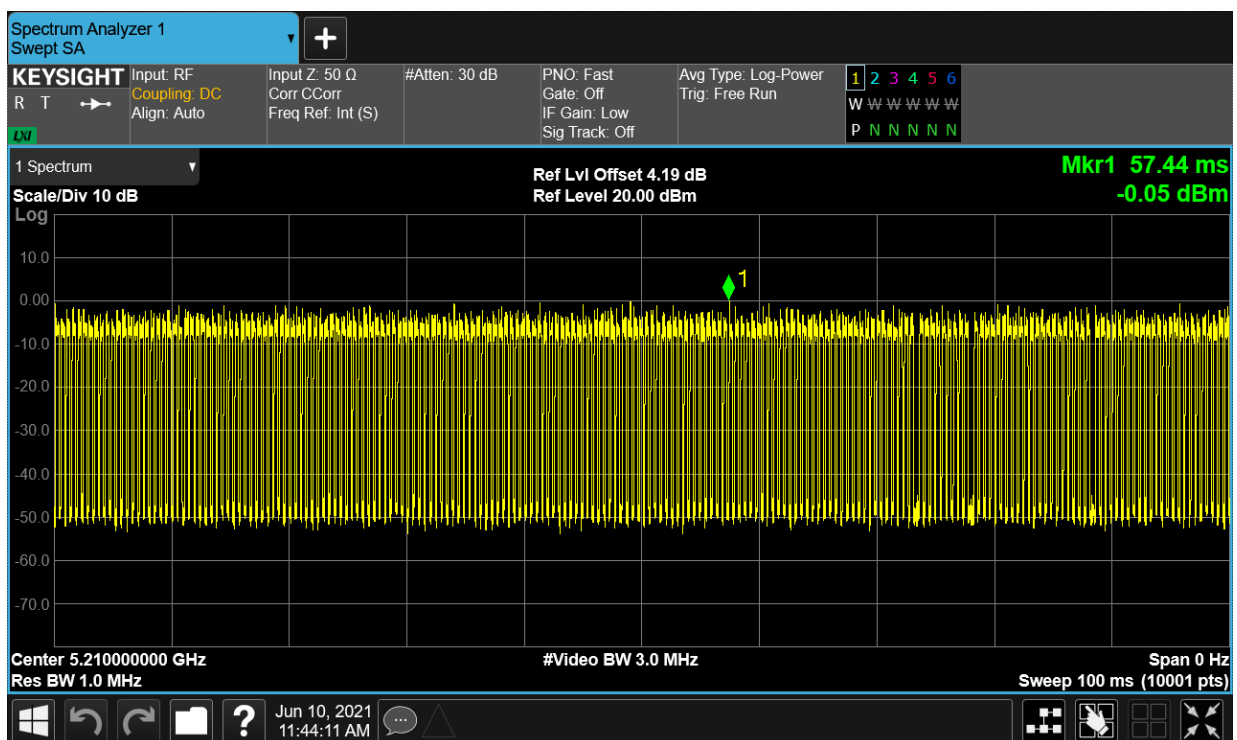
Duty Cycle NVNT ac40 5190MHz Ant1



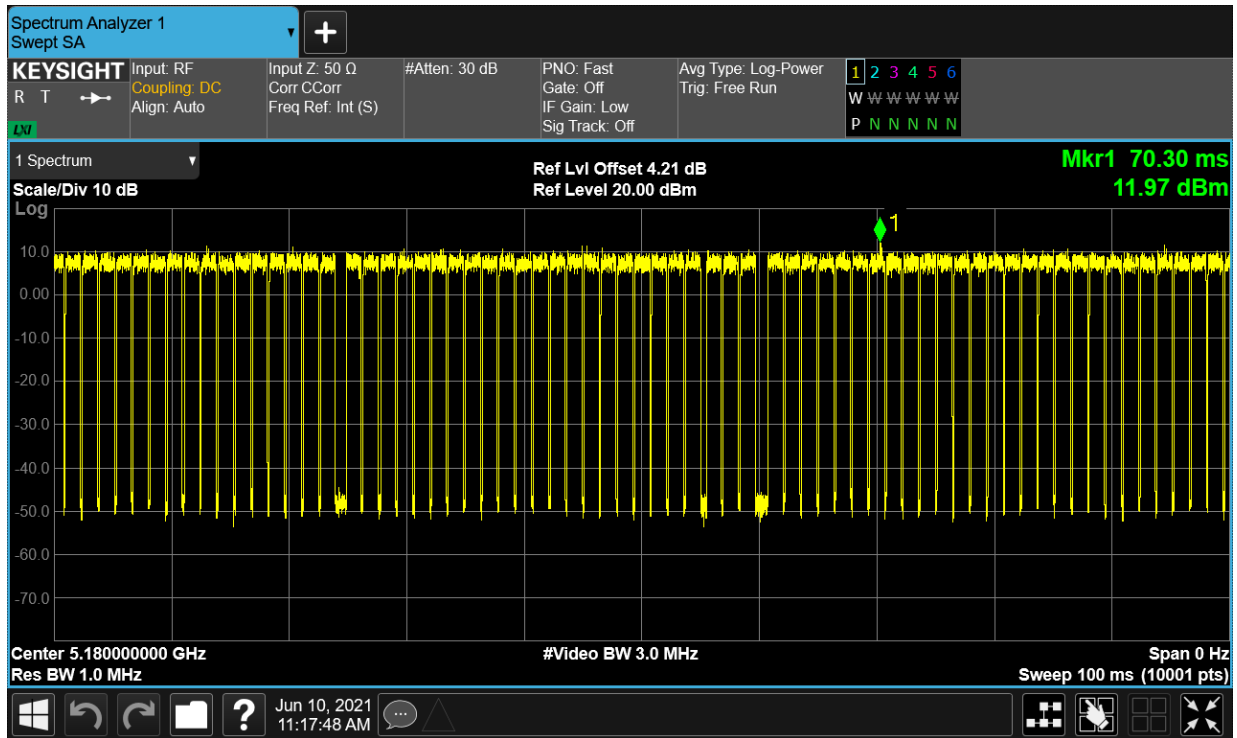
Duty Cycle NVNT ac40 5230MHz Ant1



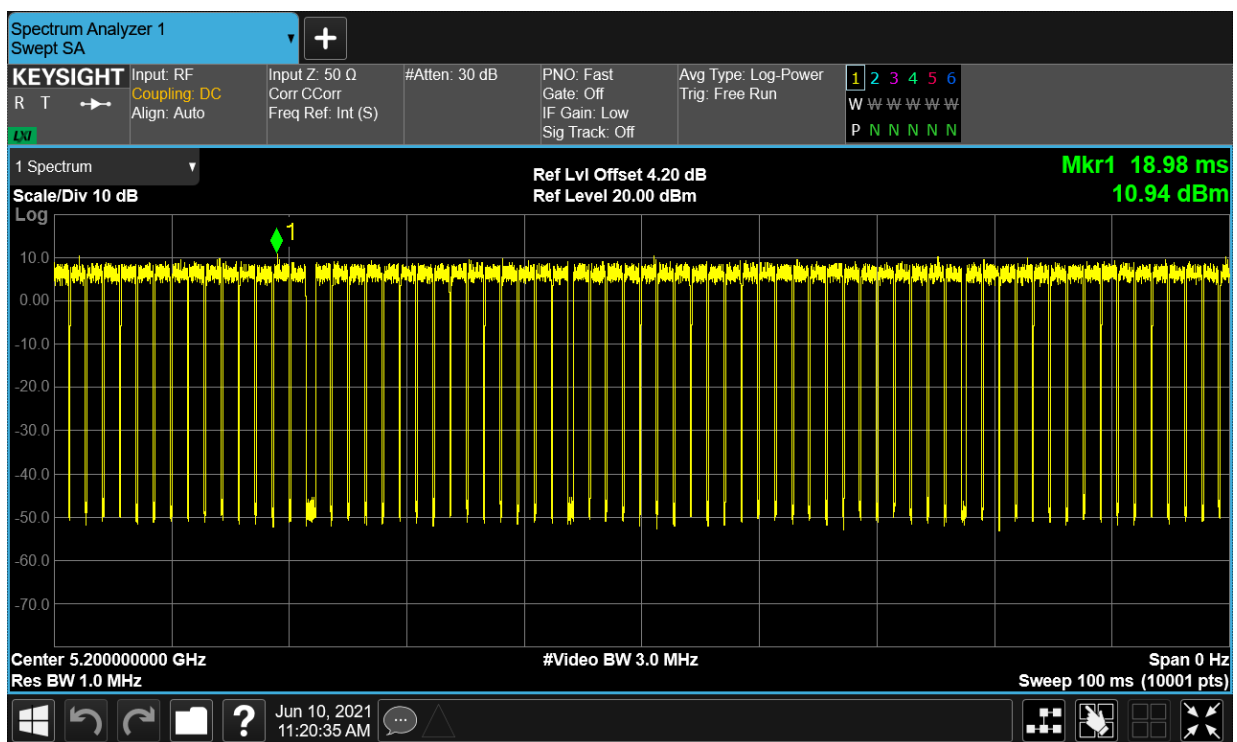
Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



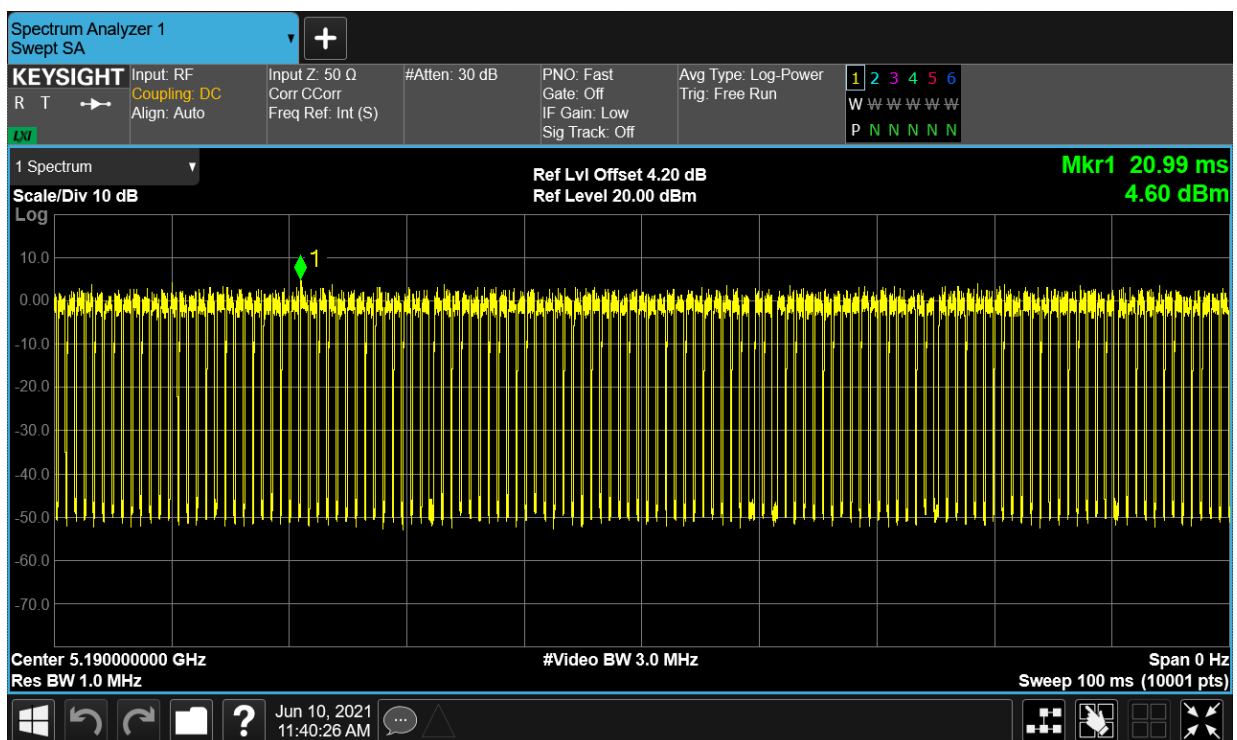
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

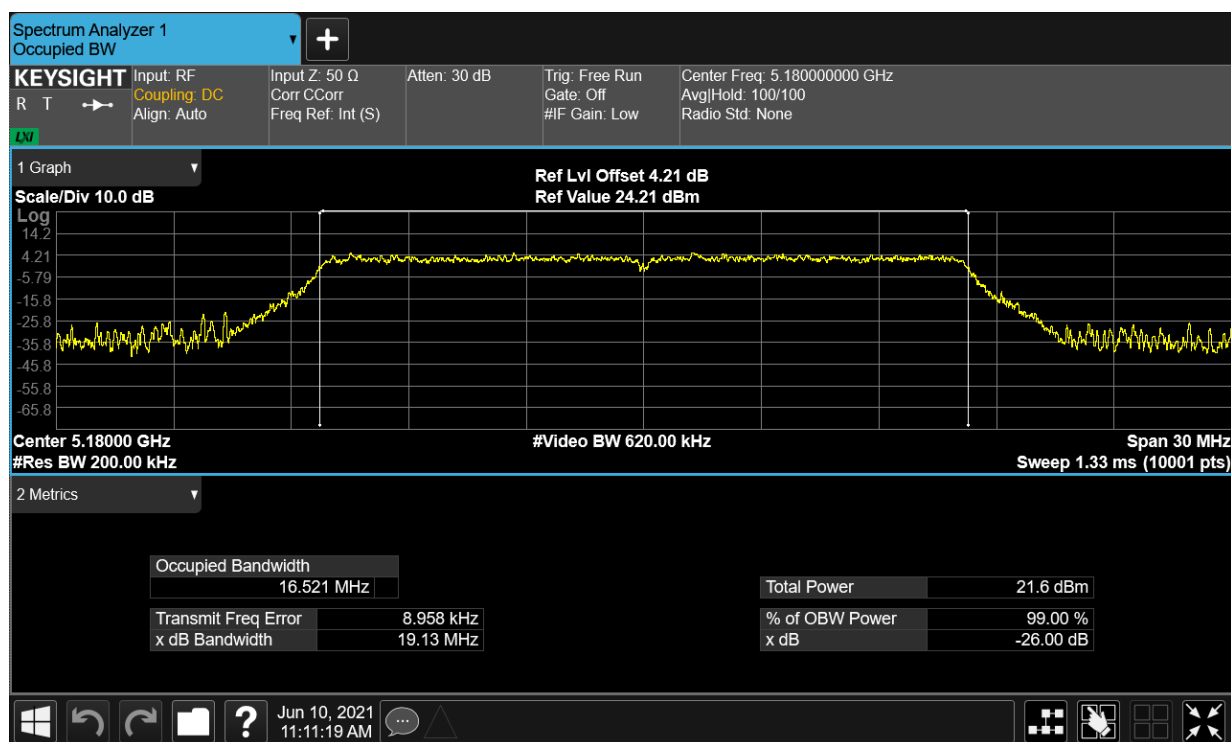
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	16.21	0.48	16.69	24	Pass
NVNT	a	5200	Ant1	15.89	0.45	16.34	24	Pass
NVNT	a	5240	Ant1	15.58	0.45	16.03	24	Pass
NVNT	ac20	5180	Ant1	15.72	0.54	16.26	24	Pass
NVNT	ac20	5200	Ant1	14.78	0.48	15.26	24	Pass
NVNT	ac20	5240	Ant1	14.37	0.49	14.86	24	Pass
NVNT	ac40	5190	Ant1	14.15	0.9	15.05	24	Pass
NVNT	ac40	5230	Ant1	13.26	0.89	14.15	24	Pass
NVNT	ac80	5210	Ant1	12.38	1.65	14.03	24	Pass
NVNT	n20	5180	Ant1	15.72	0.56	16.28	24	Pass
NVNT	n20	5200	Ant1	14.6	0.52	15.12	24	Pass
NVNT	n20	5240	Ant1	14.32	0.51	14.83	24	Pass
NVNT	n40	5190	Ant1	14.13	0.95	15.08	24	Pass
NVNT	n40	5230	Ant1	13.77	0.91	14.68	24	Pass

Occupied Channel Bandwidth

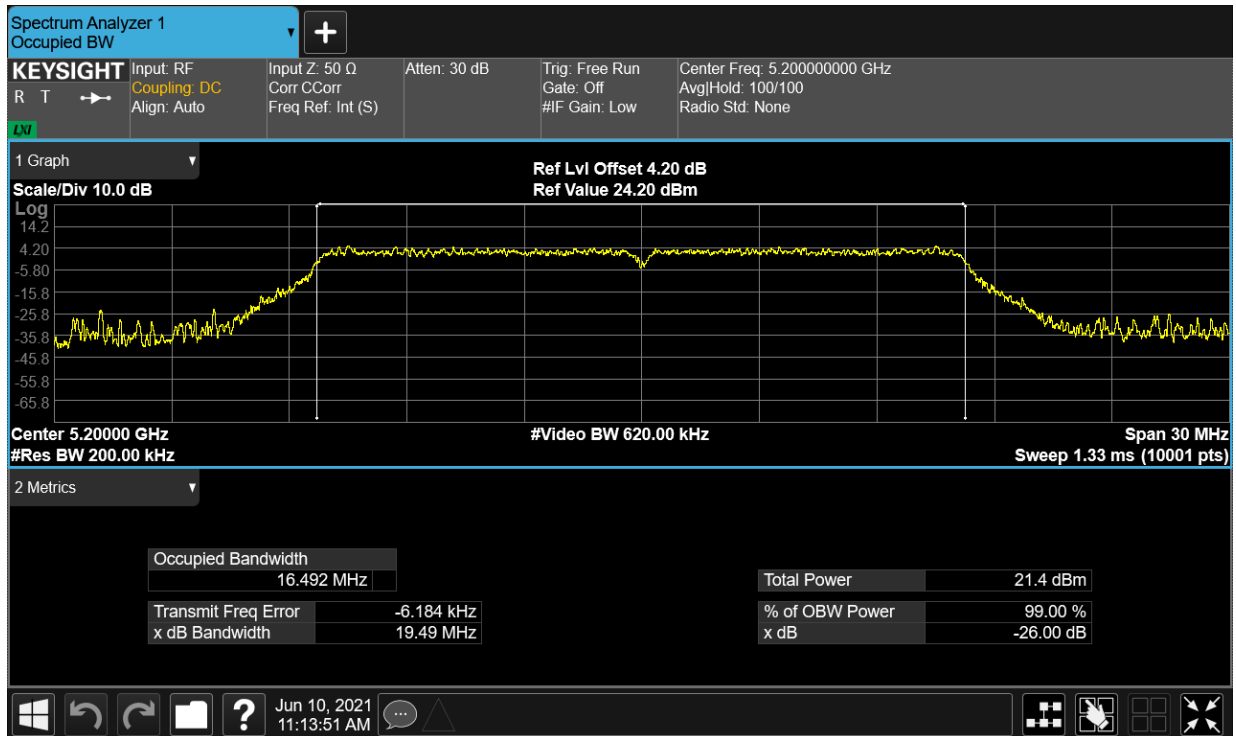
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.52060447
NVNT	a	5200	Ant1	16.49236324
NVNT	a	5240	Ant1	16.511098
NVNT	ac20	5180	Ant1	17.58209063

NVNT	ac20	5200	Ant1	17.57335377
NVNT	ac20	5240	Ant1	17.558598
NVNT	ac40	5190	Ant1	36.19625581
NVNT	ac40	5230	Ant1	36.15926282
NVNT	ac80	5210	Ant1	75.52733061
NVNT	n20	5180	Ant1	17.56120923
NVNT	n20	5200	Ant1	17.54865054
NVNT	n20	5240	Ant1	17.56939947
NVNT	n40	5190	Ant1	36.19564595
NVNT	n40	5230	Ant1	36.16771617

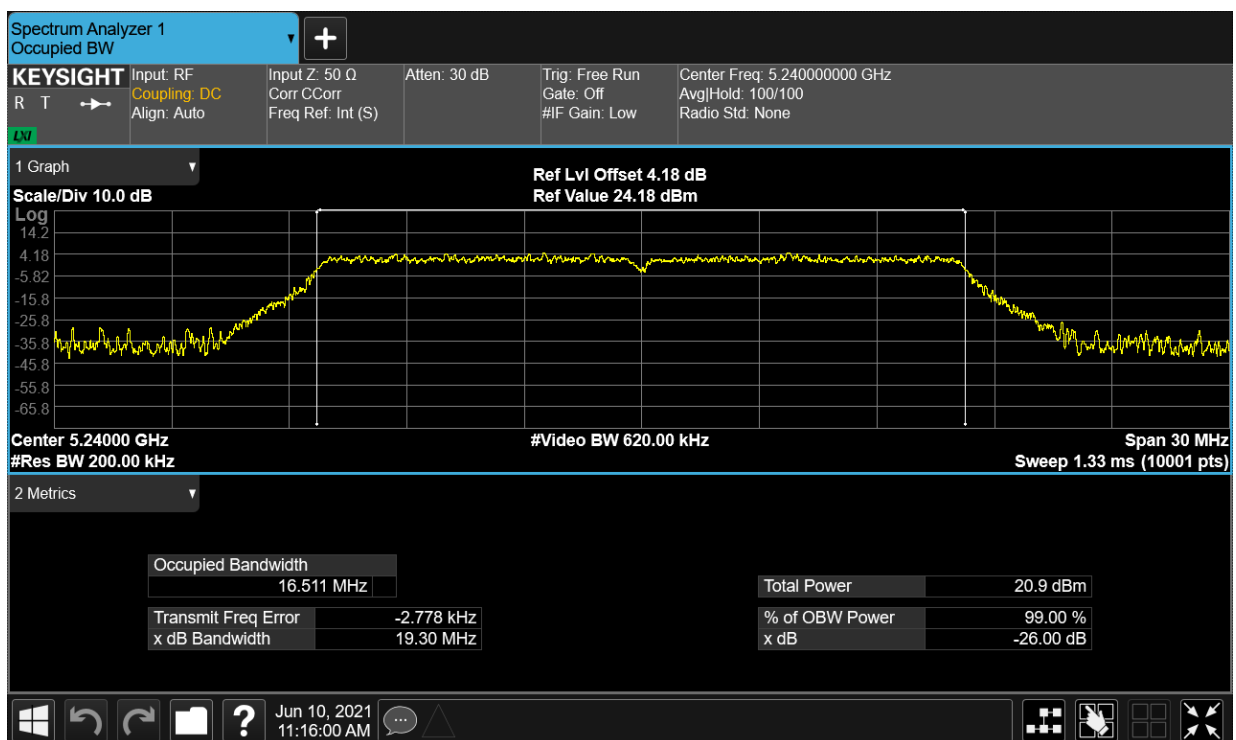
OBW NVNT a 5180MHz Ant1



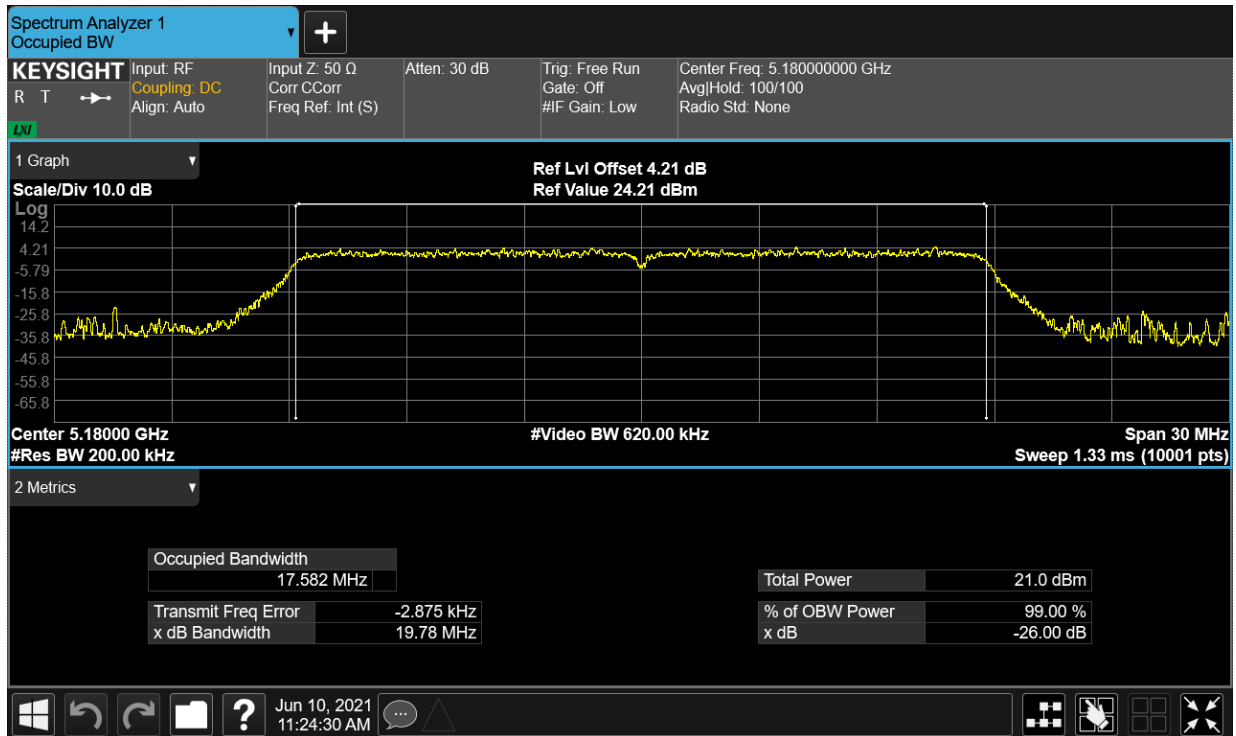
OBW NVNT a 5200MHz Ant1



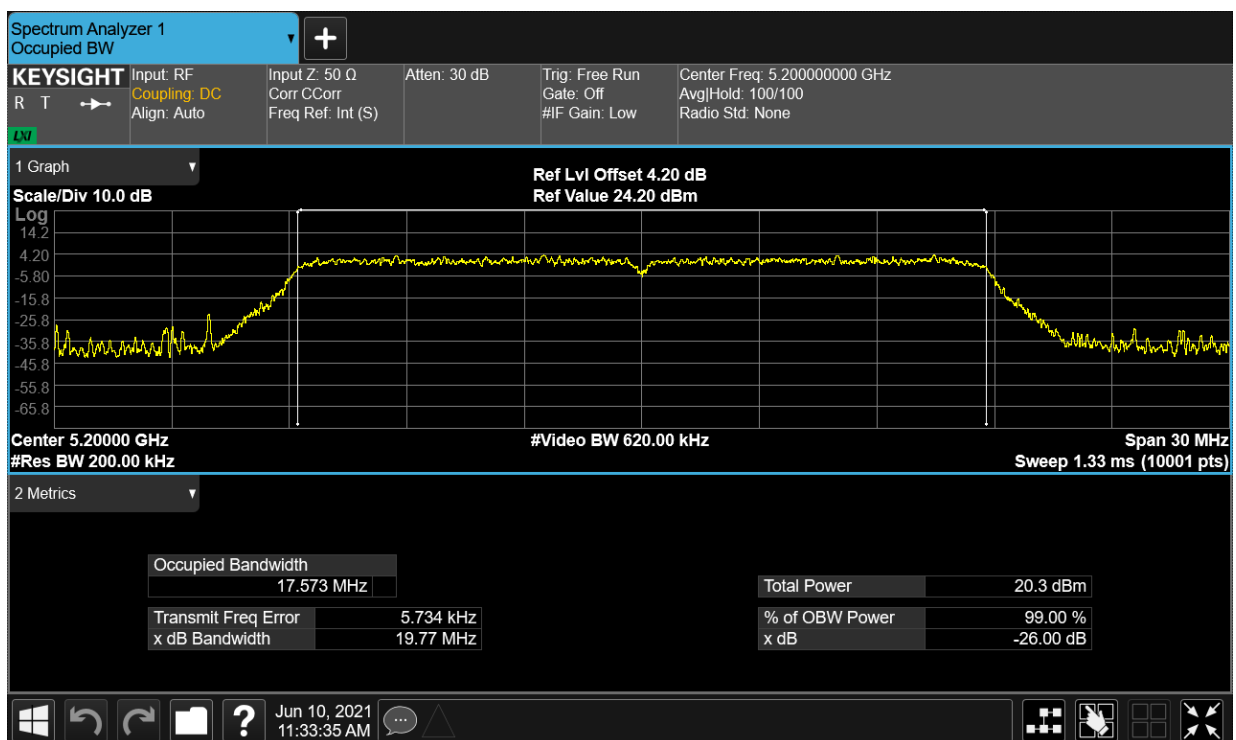
OBW NVNT a 5240MHz Ant1



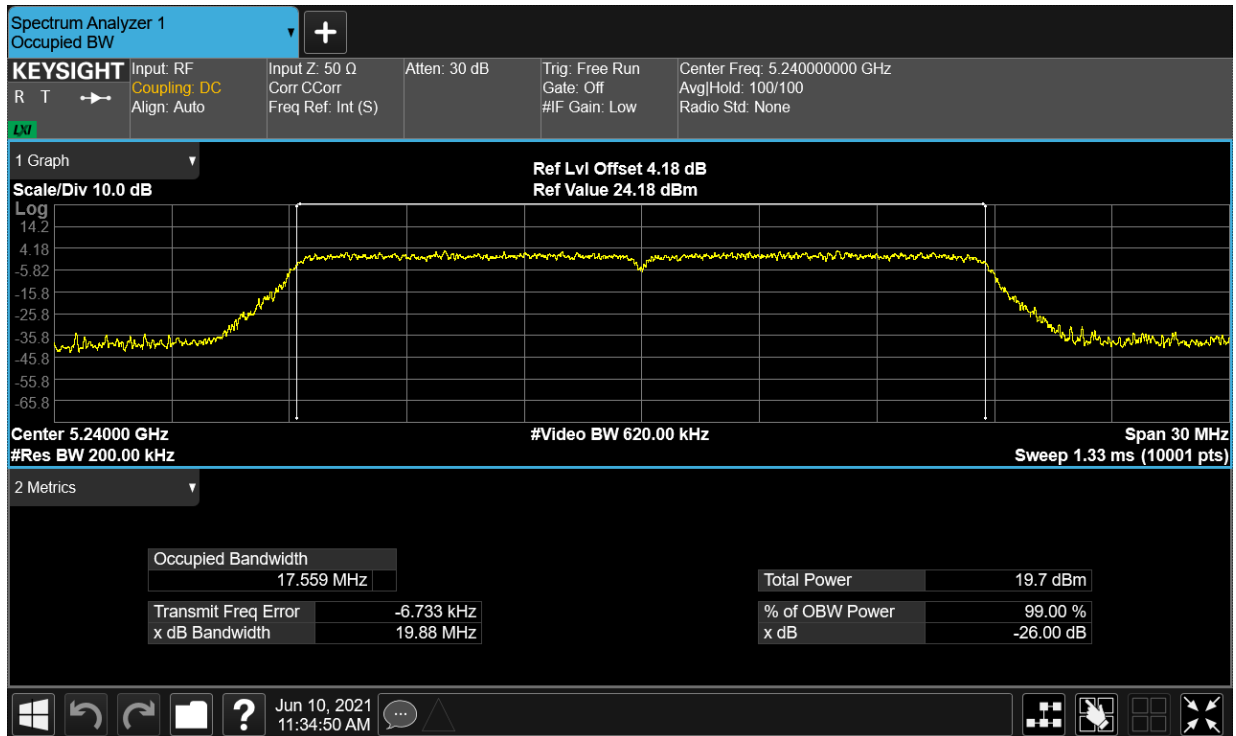
OBW NVNT ac20 5180MHz Ant1



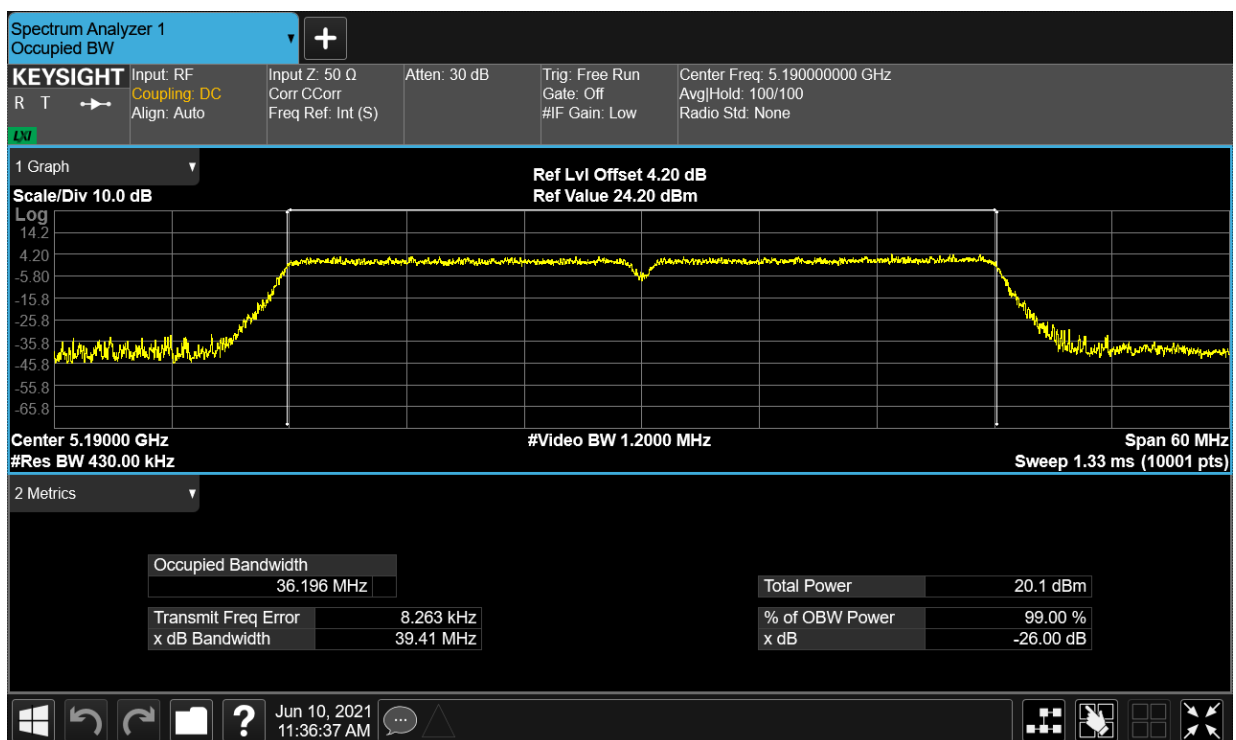
OBW NVNT ac20 5200MHz Ant1



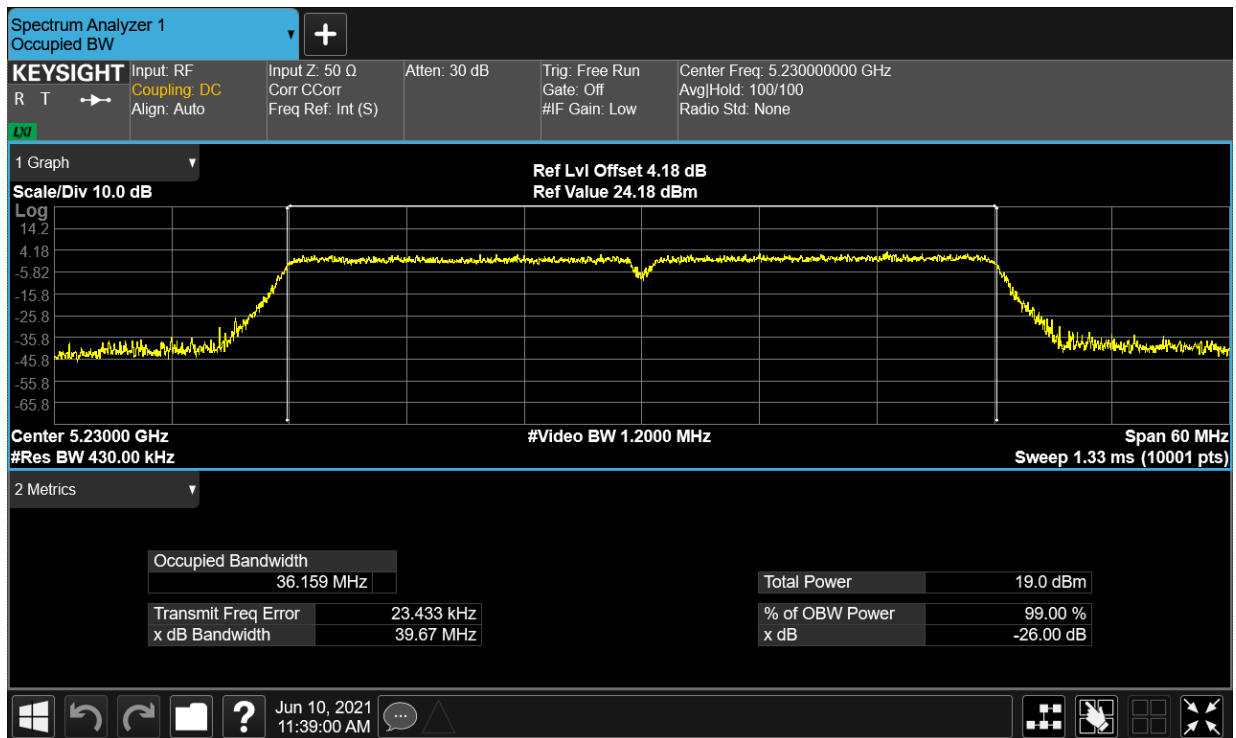
OBW NVNT ac20 5240MHz Ant1



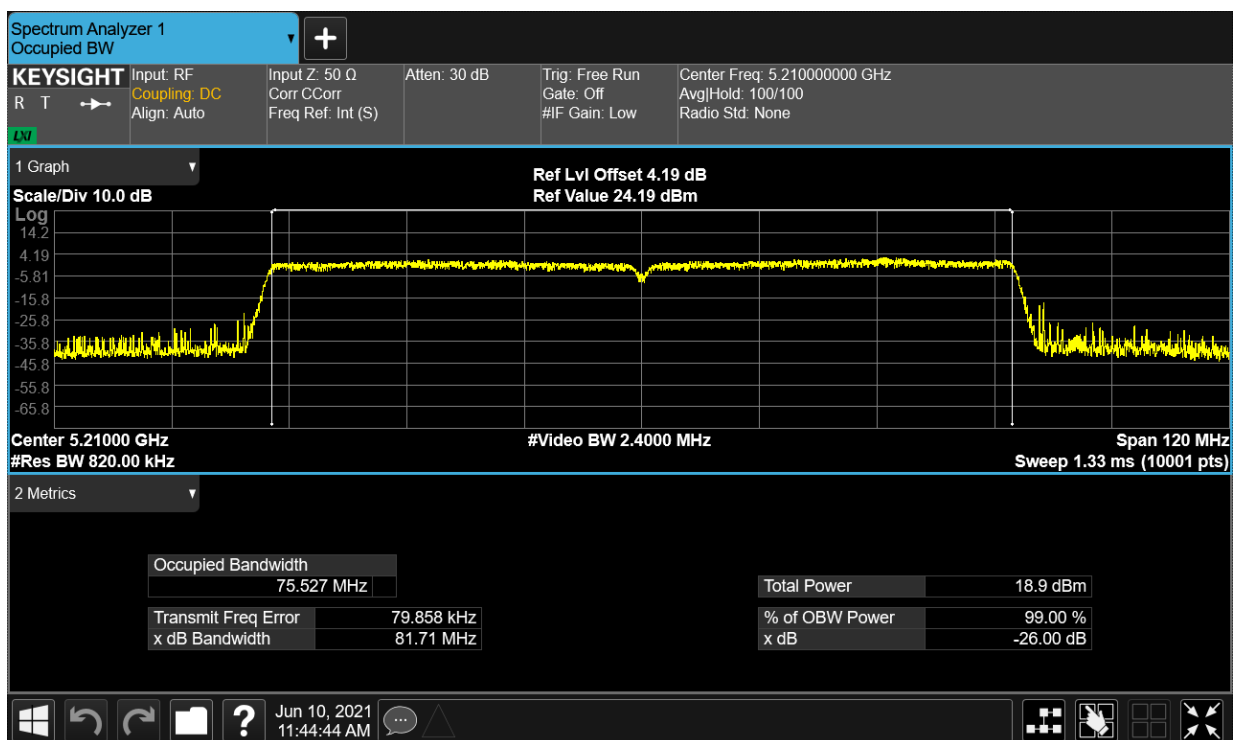
OBW NVNT ac40 5190MHz Ant1



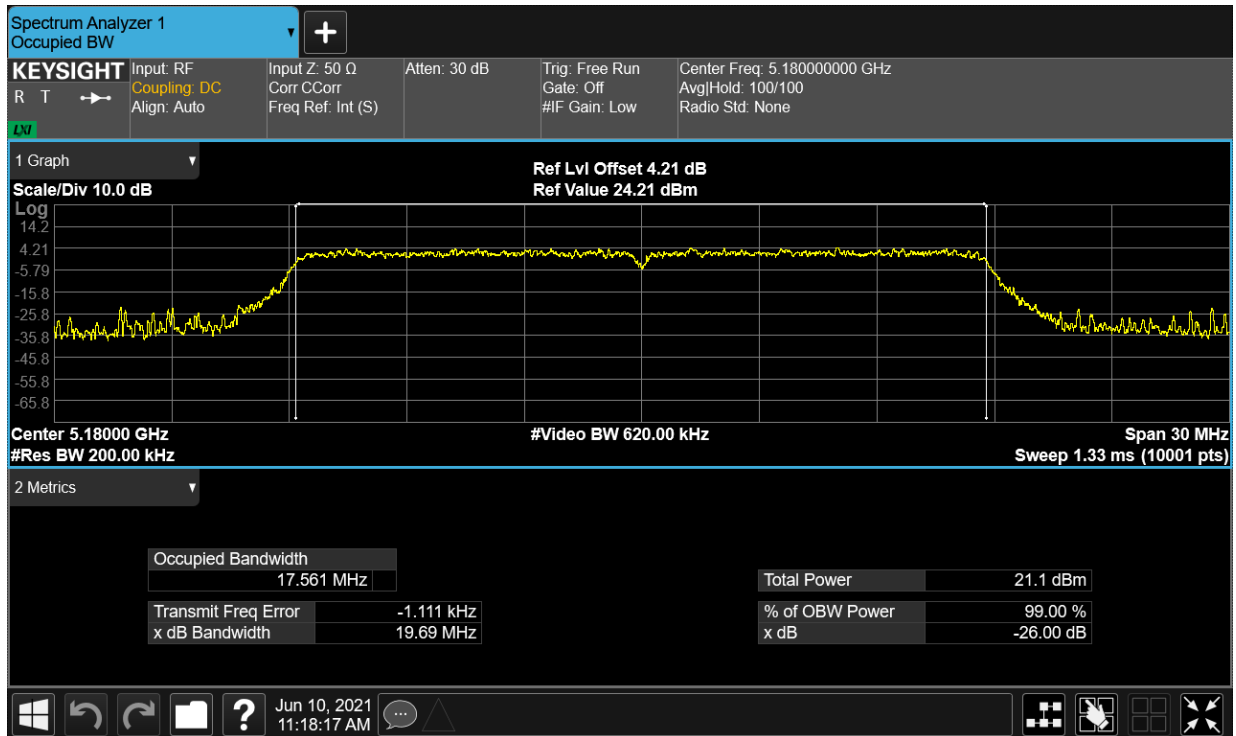
OBW NVNT ac40 5230MHz Ant1



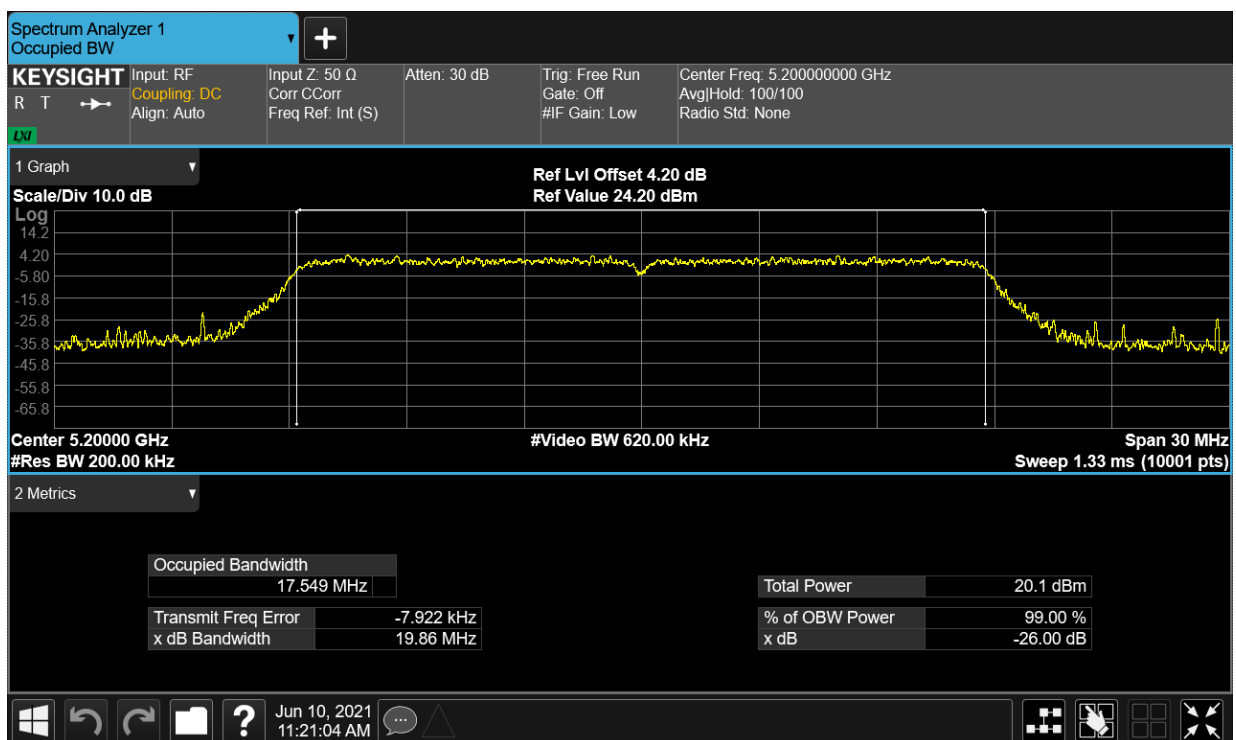
OBW NVNT ac80 5210MHz Ant1



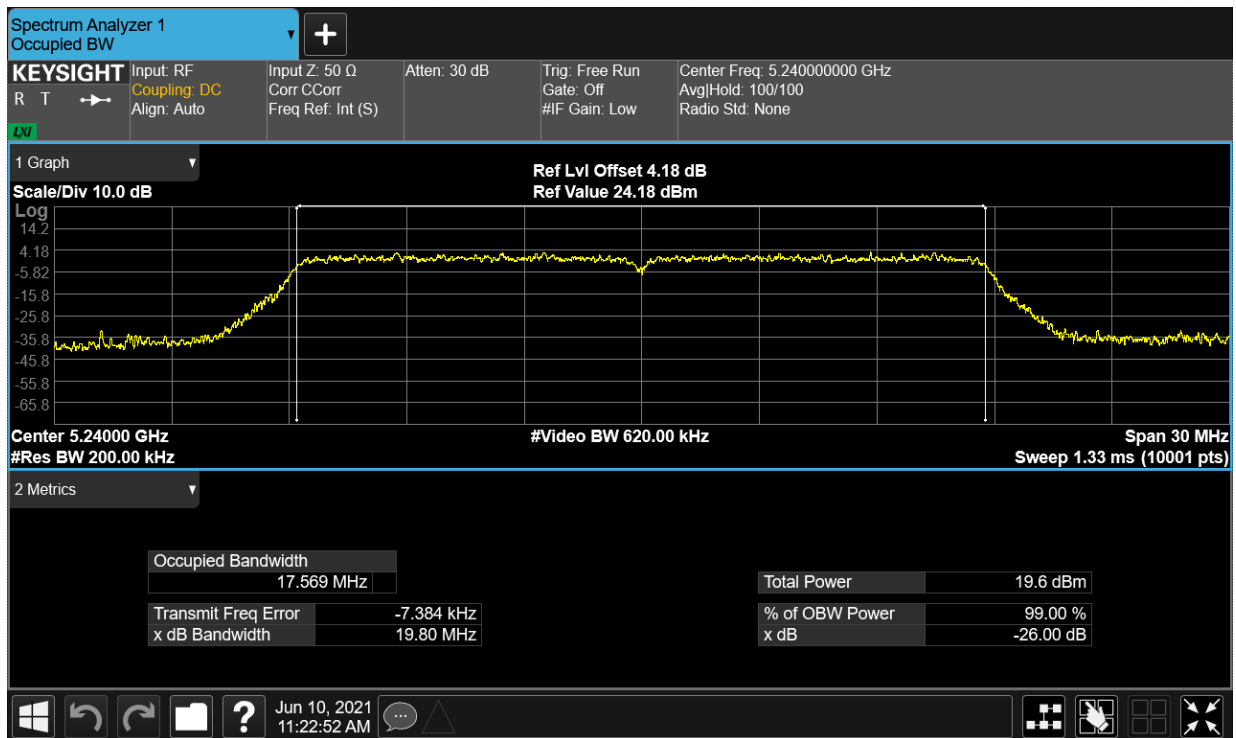
OBW NVNT n20 5180MHz Ant1



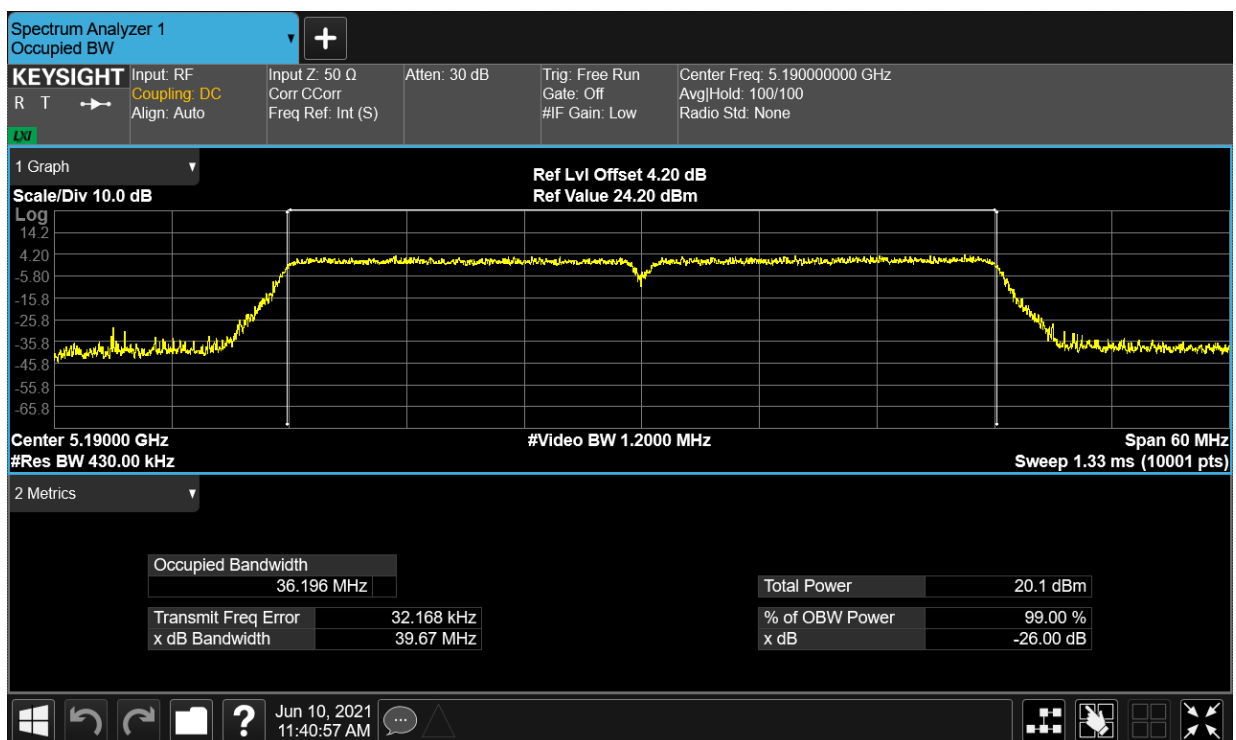
OBW NVNT n20 5200MHz Ant1



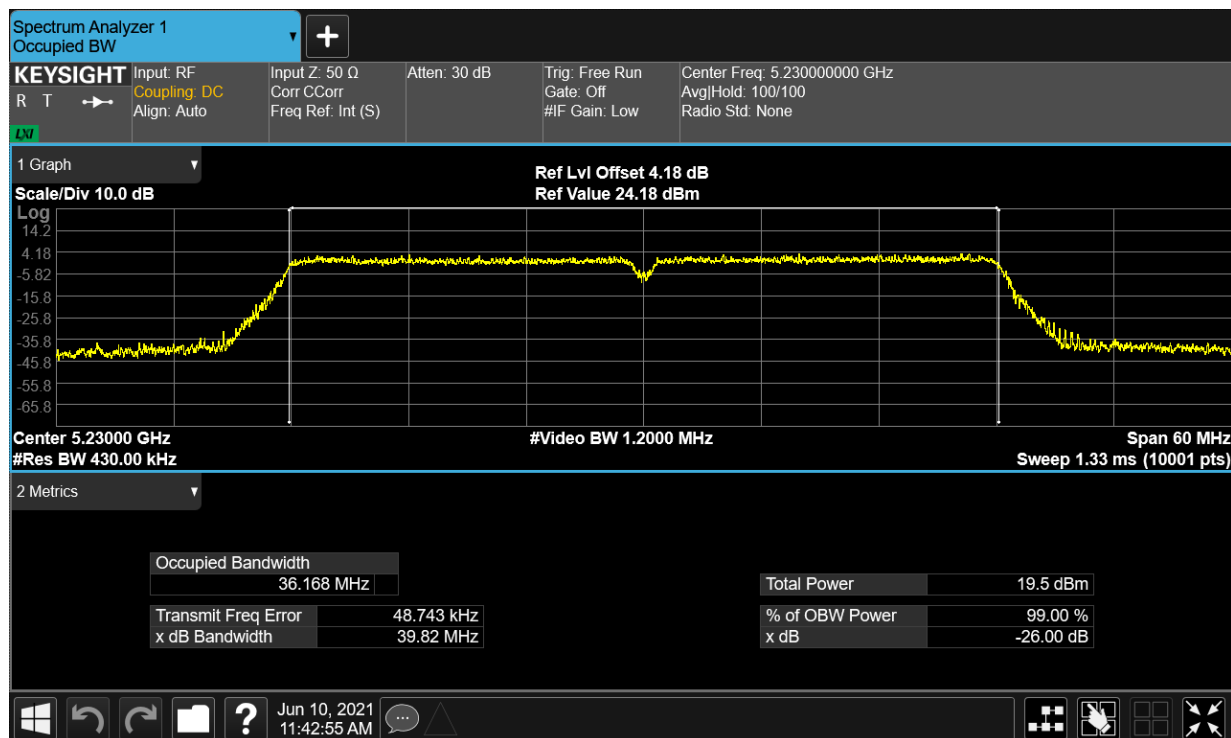
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



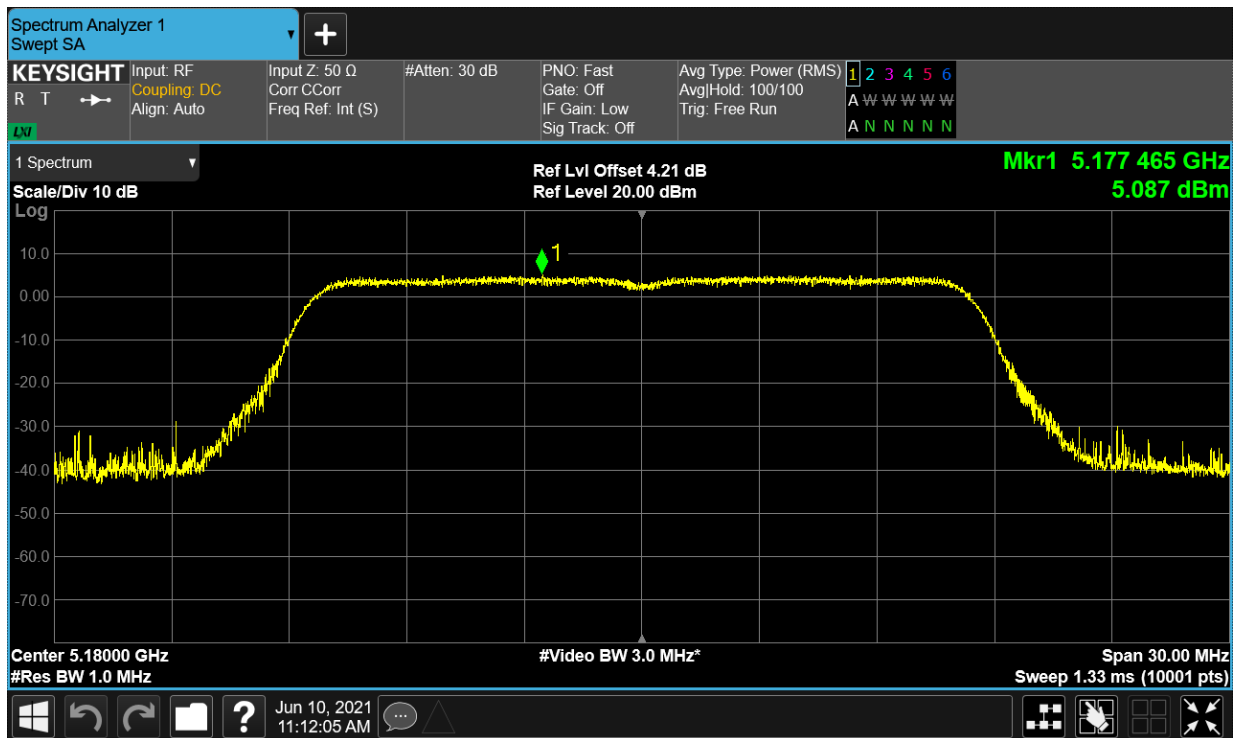
OBW NVNT n40 5230MHz Ant1



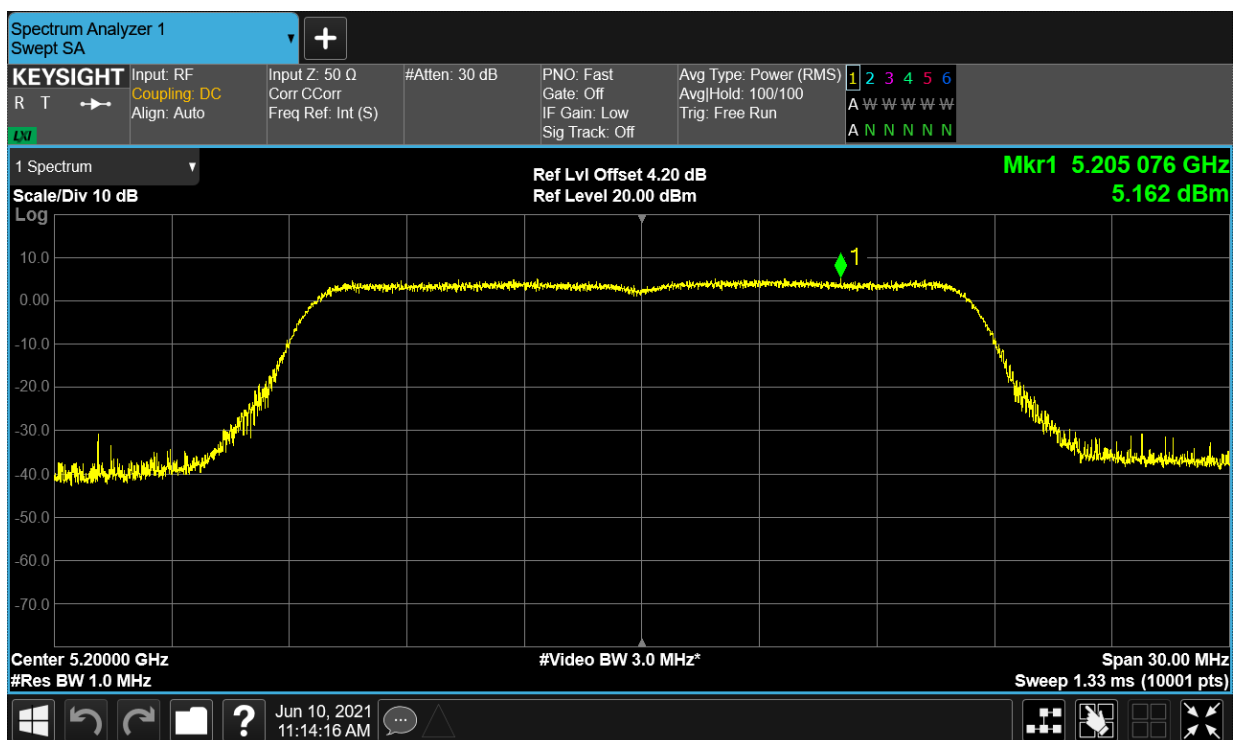
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.087	11	Pass
NVNT	a	5200	Ant1	5.162	11	Pass
NVNT	a	5240	Ant1	4.418	11	Pass
NVNT	ac20	5180	Ant1	3.113	11	Pass
NVNT	ac20	5200	Ant1	3.727	11	Pass
NVNT	ac20	5240	Ant1	3.064	11	Pass
NVNT	ac40	5190	Ant1	0.231	11	Pass
NVNT	ac40	5230	Ant1	-0.607	11	Pass
NVNT	ac80	5210	Ant1	-4.723	11	Pass
NVNT	n20	5180	Ant1	4.374	11	Pass
NVNT	n20	5200	Ant1	3.738	11	Pass
NVNT	n20	5240	Ant1	2.815	11	Pass
NVNT	n40	5190	Ant1	0.149	11	Pass
NVNT	n40	5230	Ant1	-0.343	11	Pass

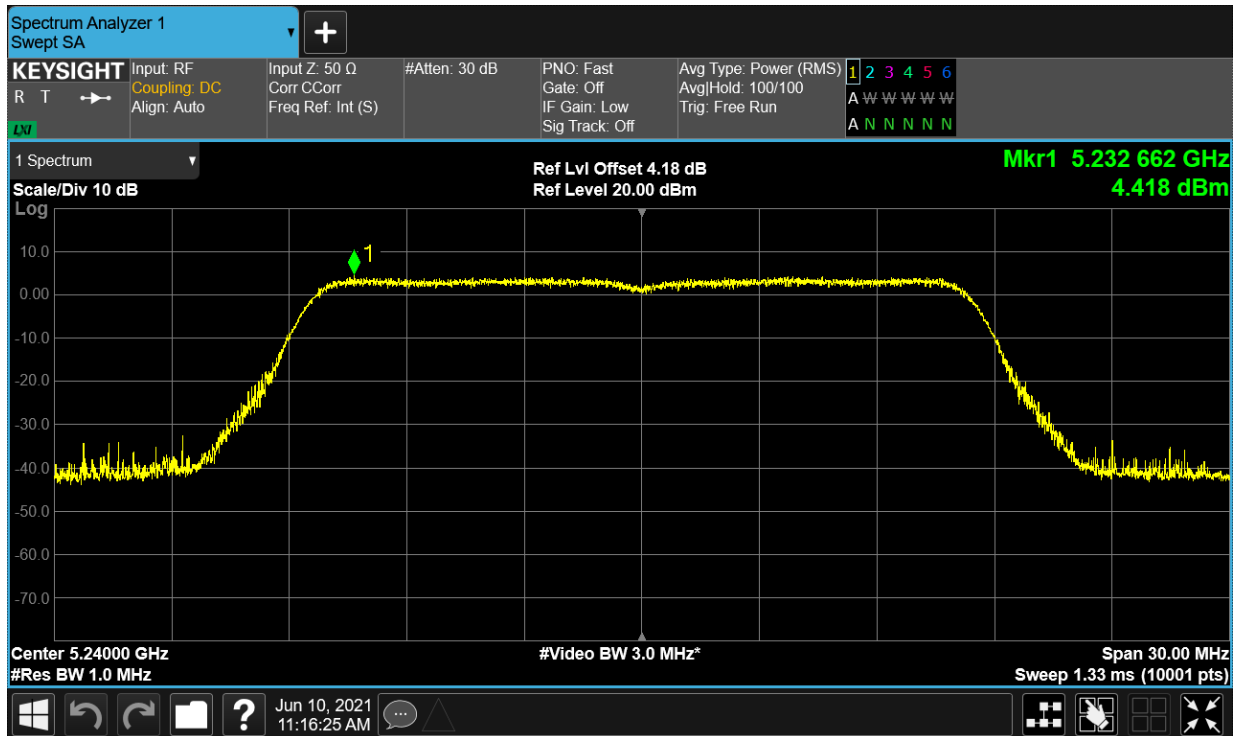
PSD NVNT a 5180MHz Ant1



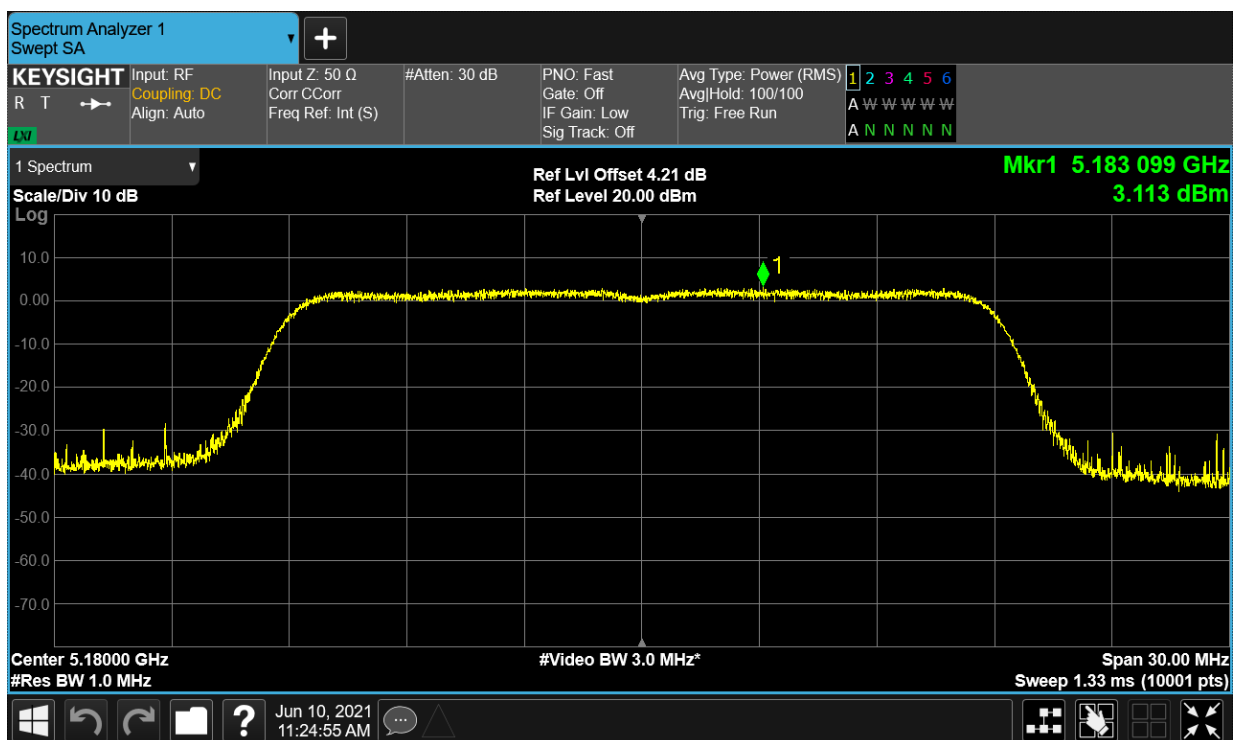
PSD NVNT a 5200MHz Ant1



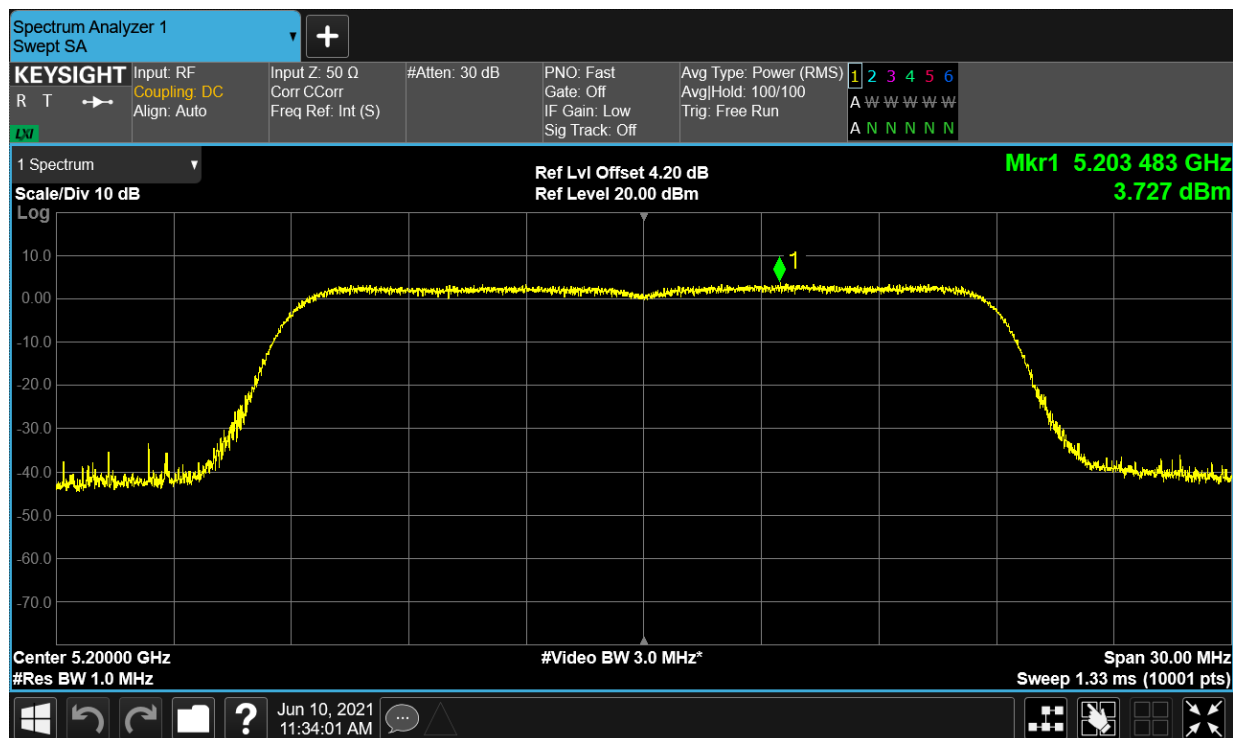
PSD NVNT a 5240MHz Ant1



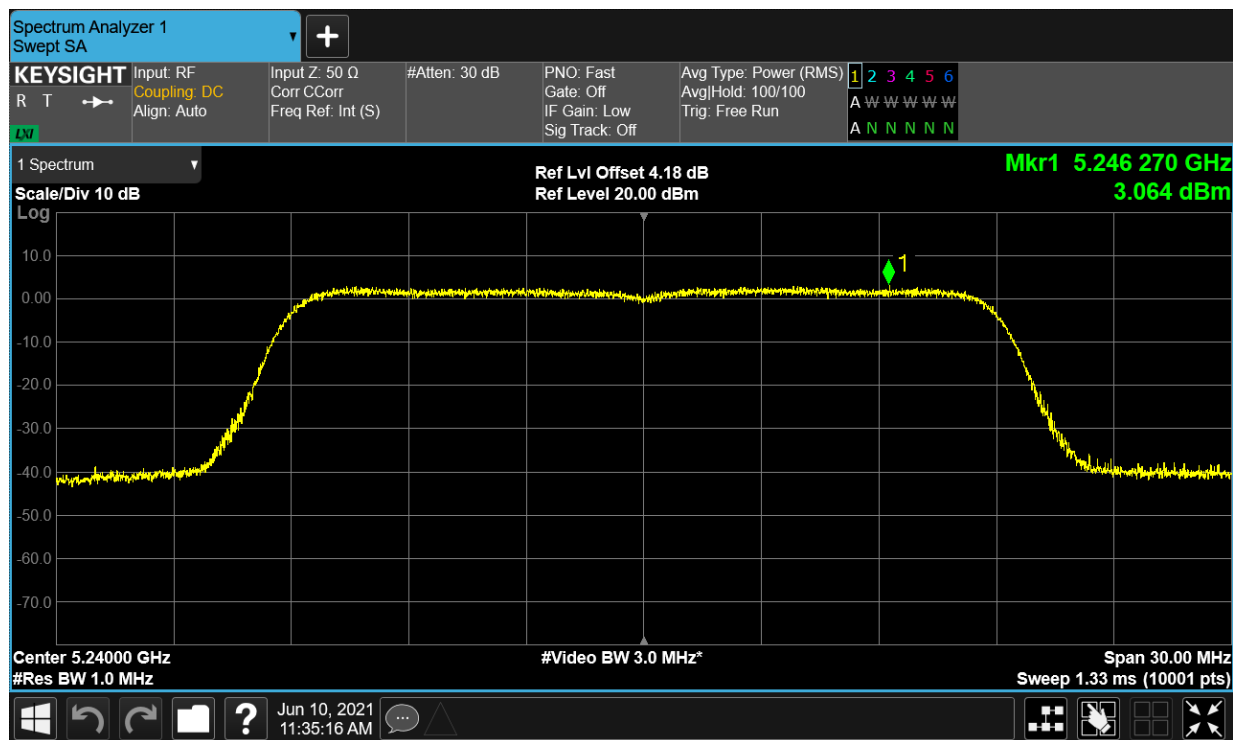
PSD NVNT ac20 5180MHz Ant1



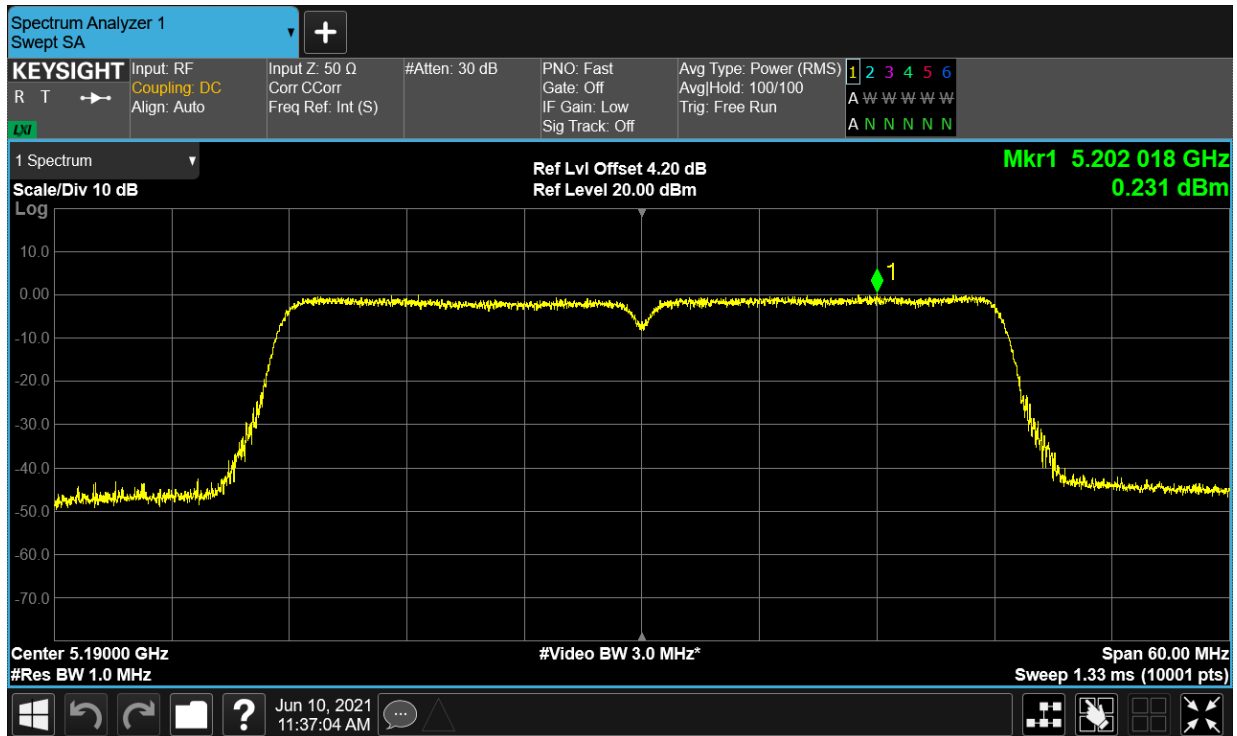
PSD NVNT ac20 5200MHz Ant1



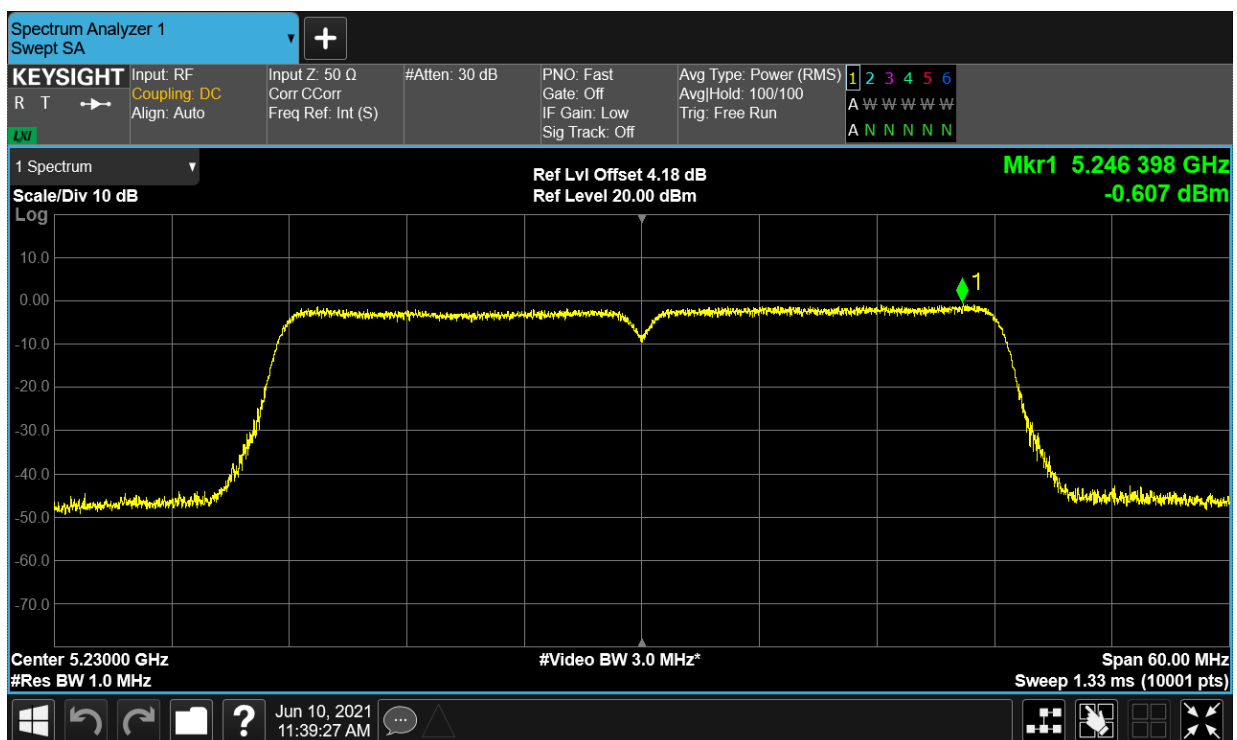
PSD NVNT ac20 5240MHz Ant1



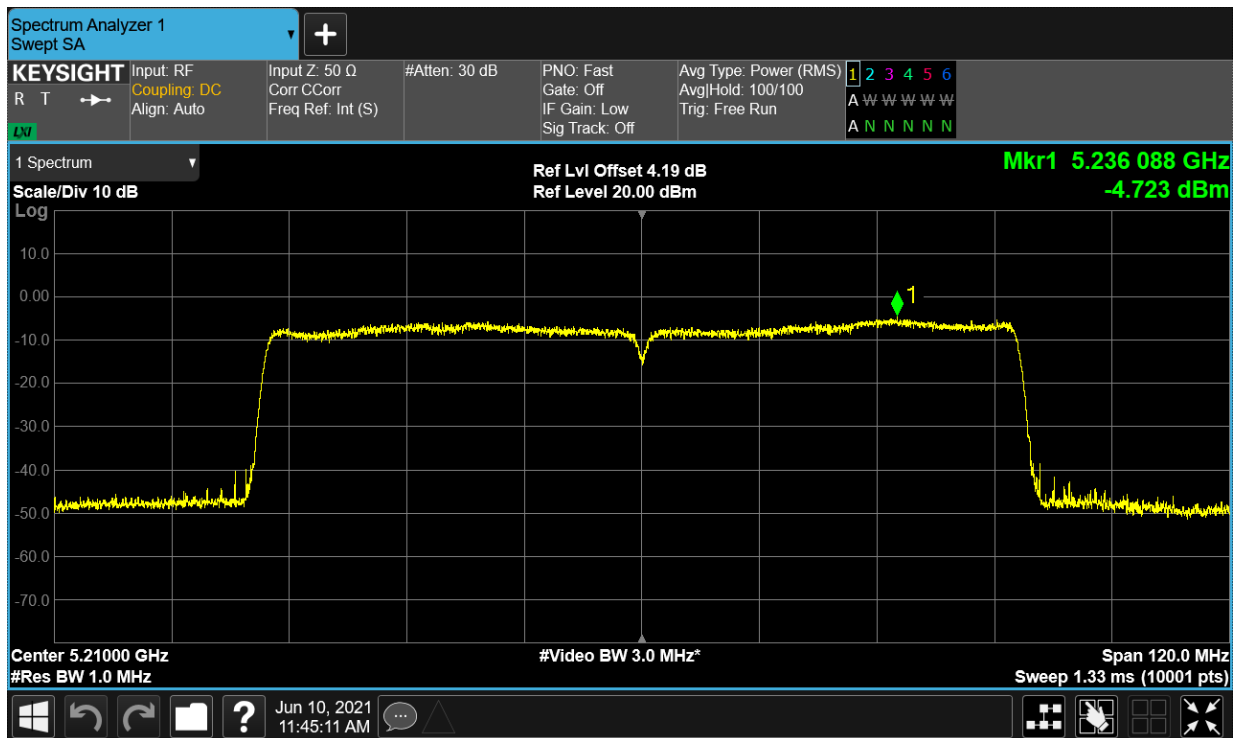
PSD NVNT ac40 5190MHz Ant1



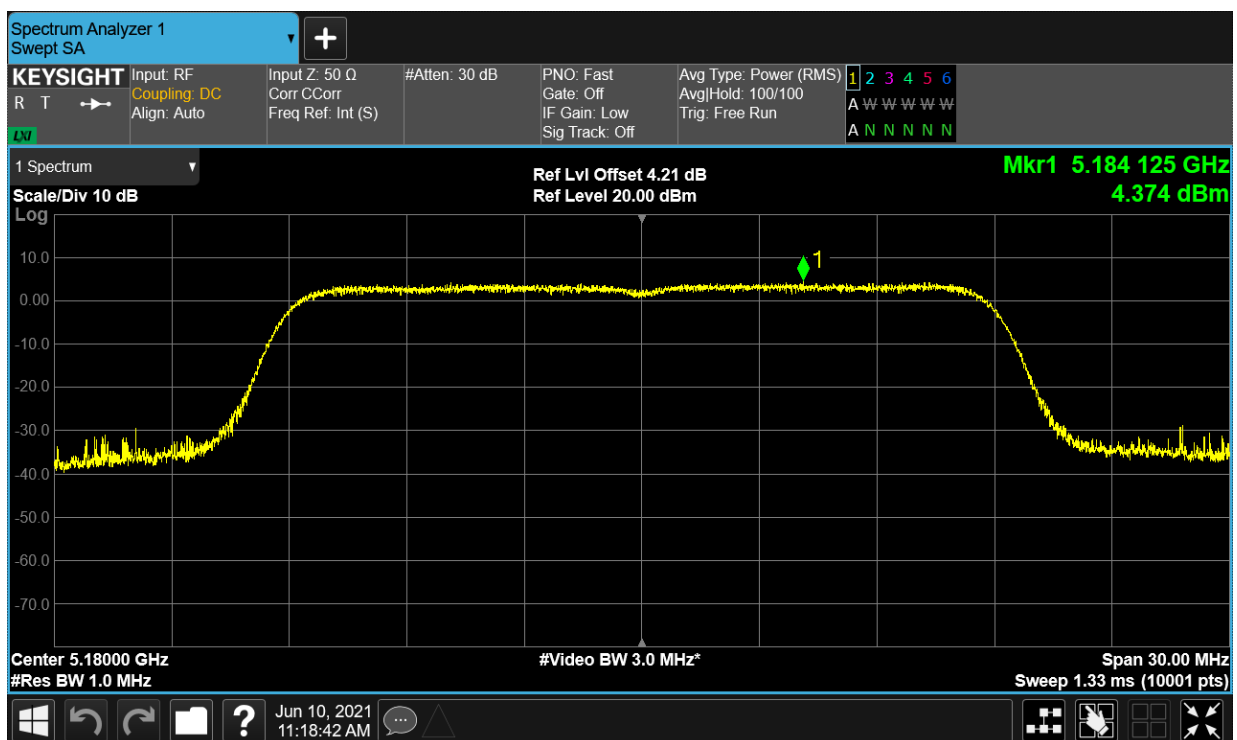
PSD NVNT ac40 5230MHz Ant1



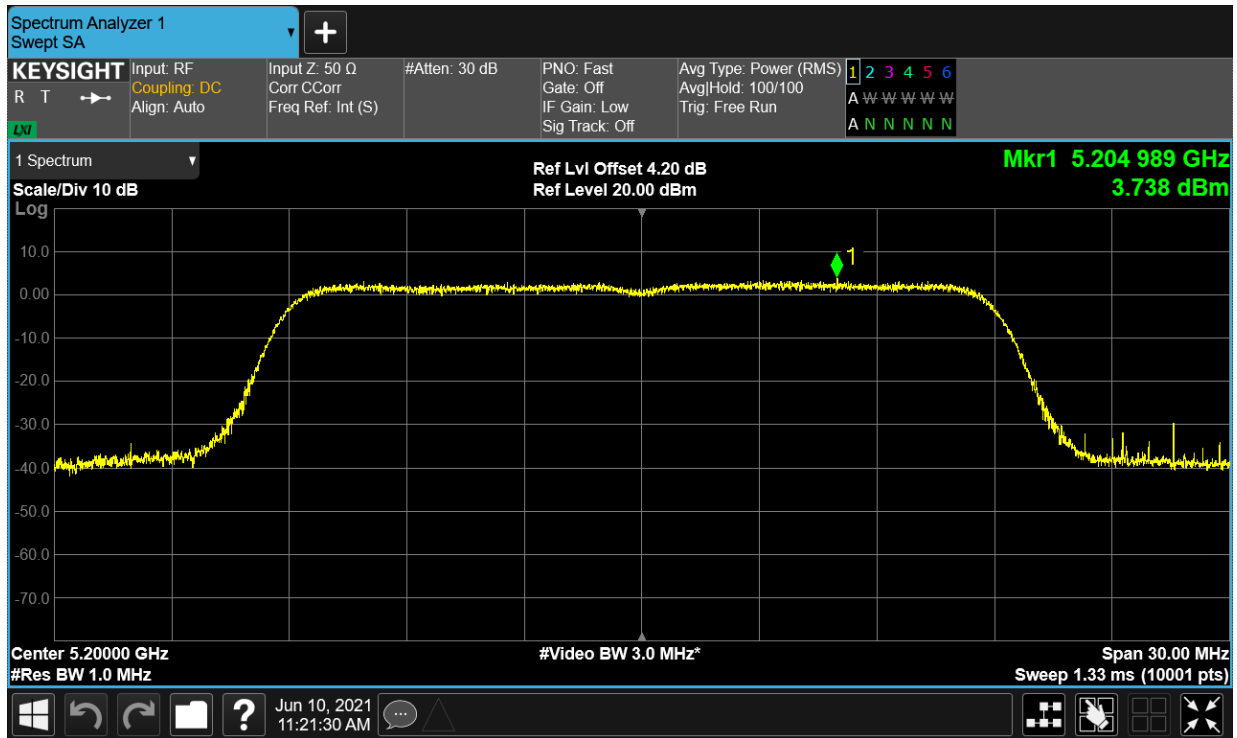
PSD NVNT ac80 5210MHz Ant1



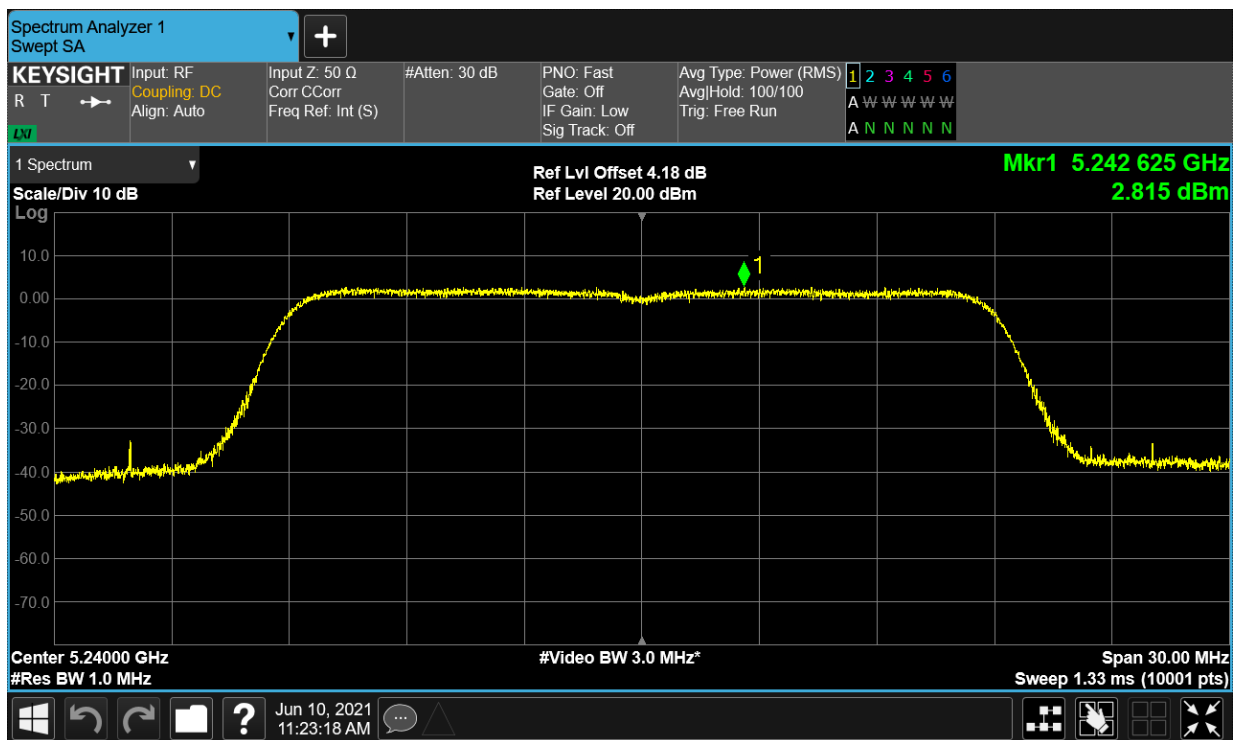
PSD NVNT n20 5180MHz Ant1



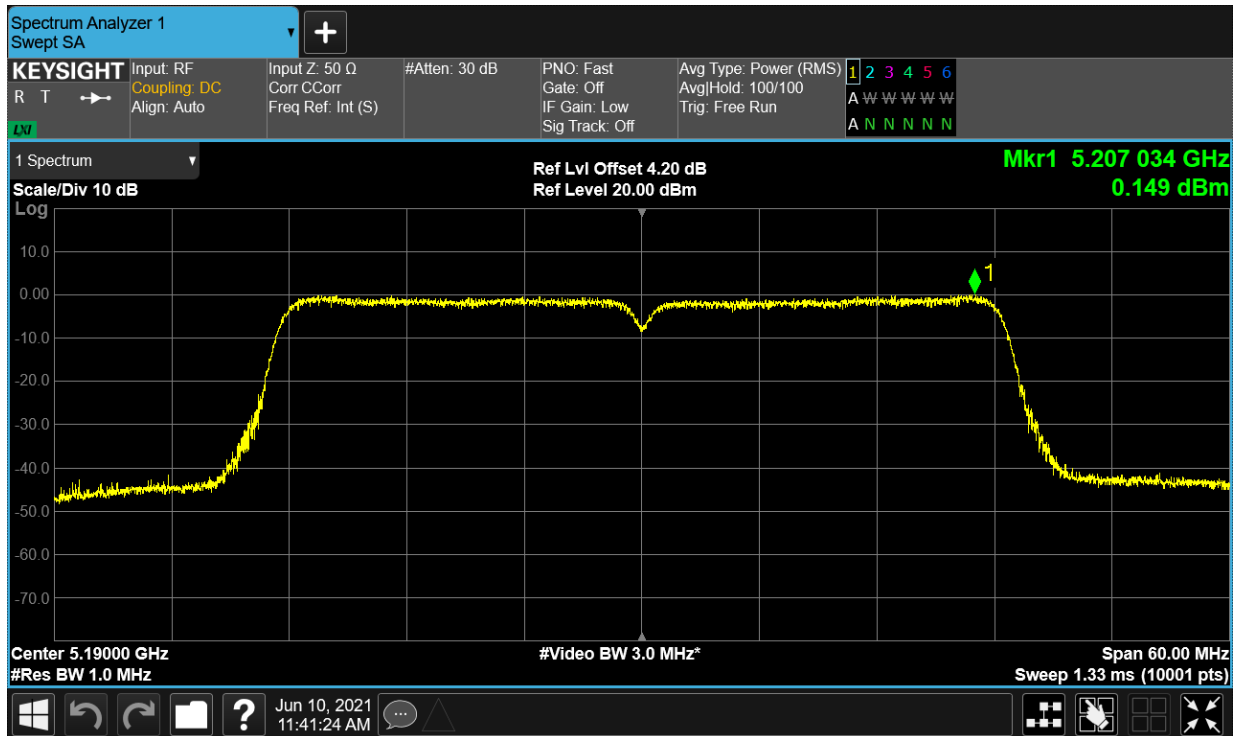
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

