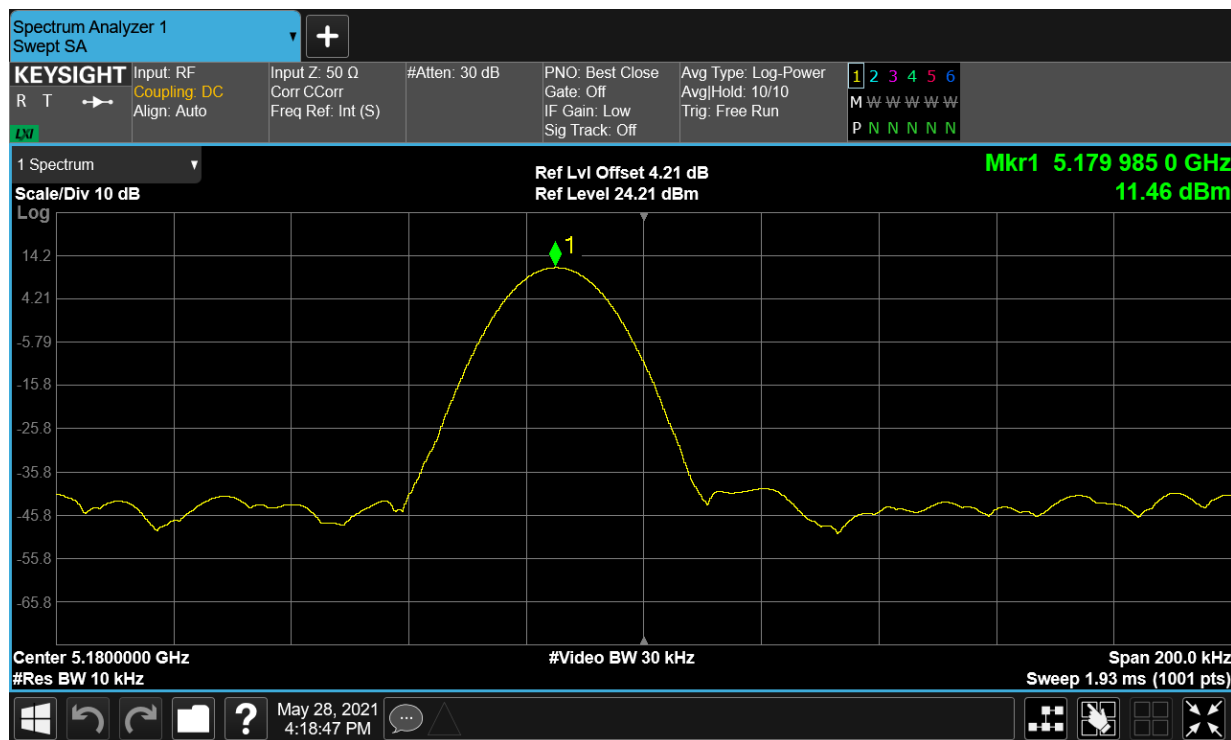


Test Data

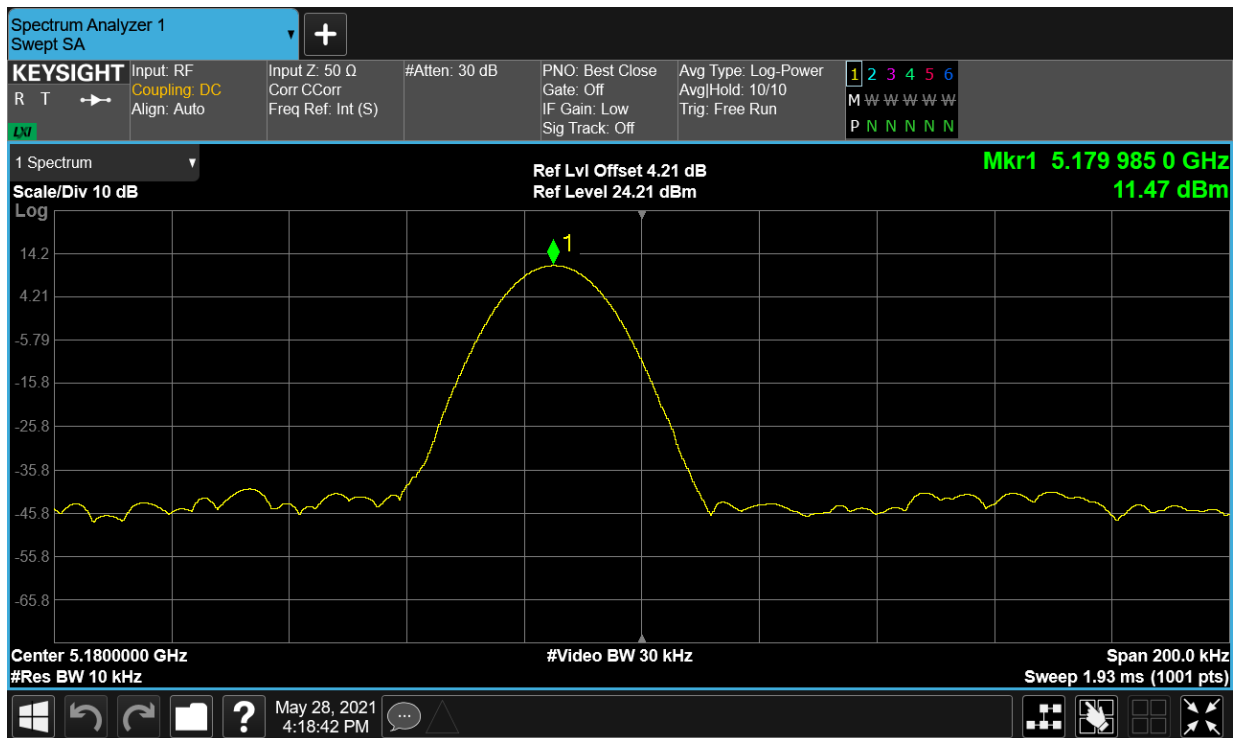
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5180	Ant1	5179.985	-2.9	25	Pass
HVLT	a	5180	Ant1	5179.985	-2.9	25	Pass
LVHT	a	5180	Ant1	5179.985	-2.9	25	Pass
LVLT	a	5180	Ant1	5179.985	-2.9	25	Pass
NVNT	a	5180	Ant1	5179.985	-2.9	25	Pass
HVHT	ac80	5210	Ant1	5209.9864	-2.61	25	Pass
HVLT	ac80	5210	Ant1	5209.9864	-2.61	25	Pass
LVHT	ac80	5210	Ant1	5209.9864	-2.61	25	Pass
LVLT	ac80	5210	Ant1	5209.9866	-2.57	25	Pass
NVNT	ac80	5210	Ant1	5209.9866	-2.57	25	Pass
HVHT	n40	5190	Ant1	5189.9862	-2.66	25	Pass
HVLT	n40	5190	Ant1	5189.9864	-2.62	25	Pass
LVHT	n40	5190	Ant1	5189.9866	-2.58	25	Pass
LVLT	n40	5190	Ant1	5189.9866	-2.58	25	Pass
NVNT	n40	5190	Ant1	5189.9866	-2.58	25	Pass

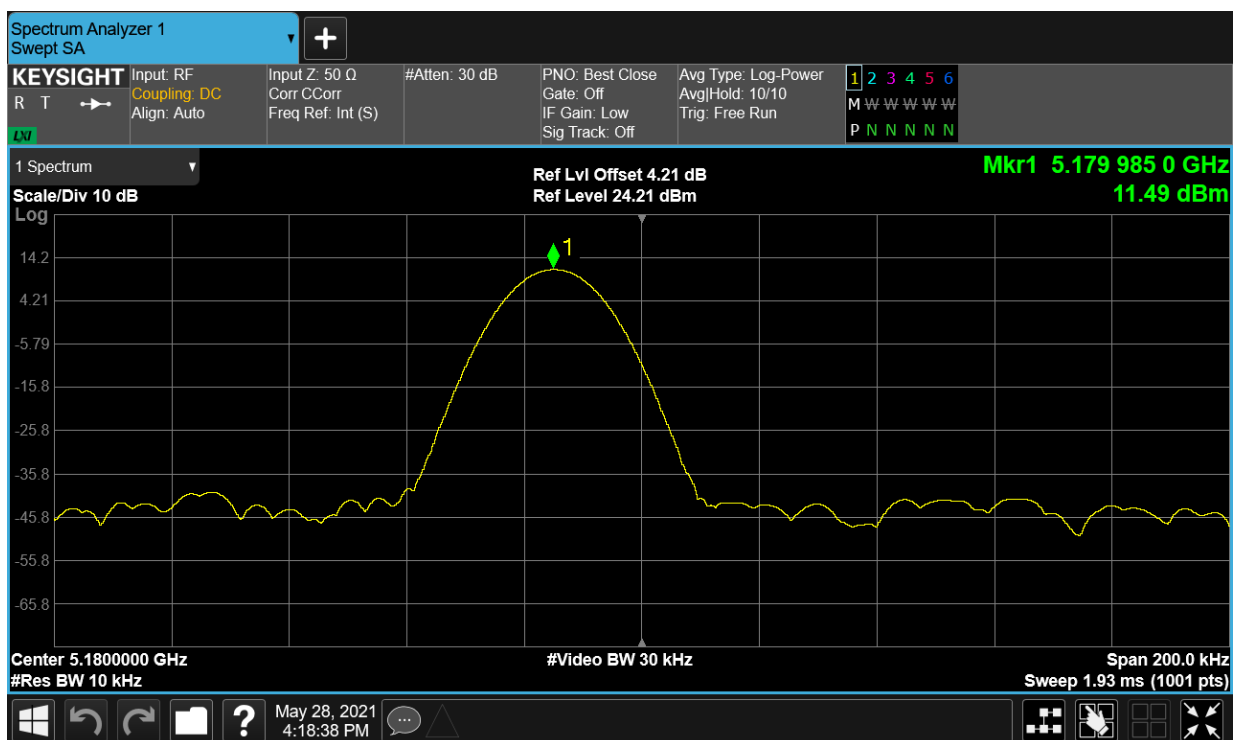
Freq. Stability HVHT a 5180MHz Ant1



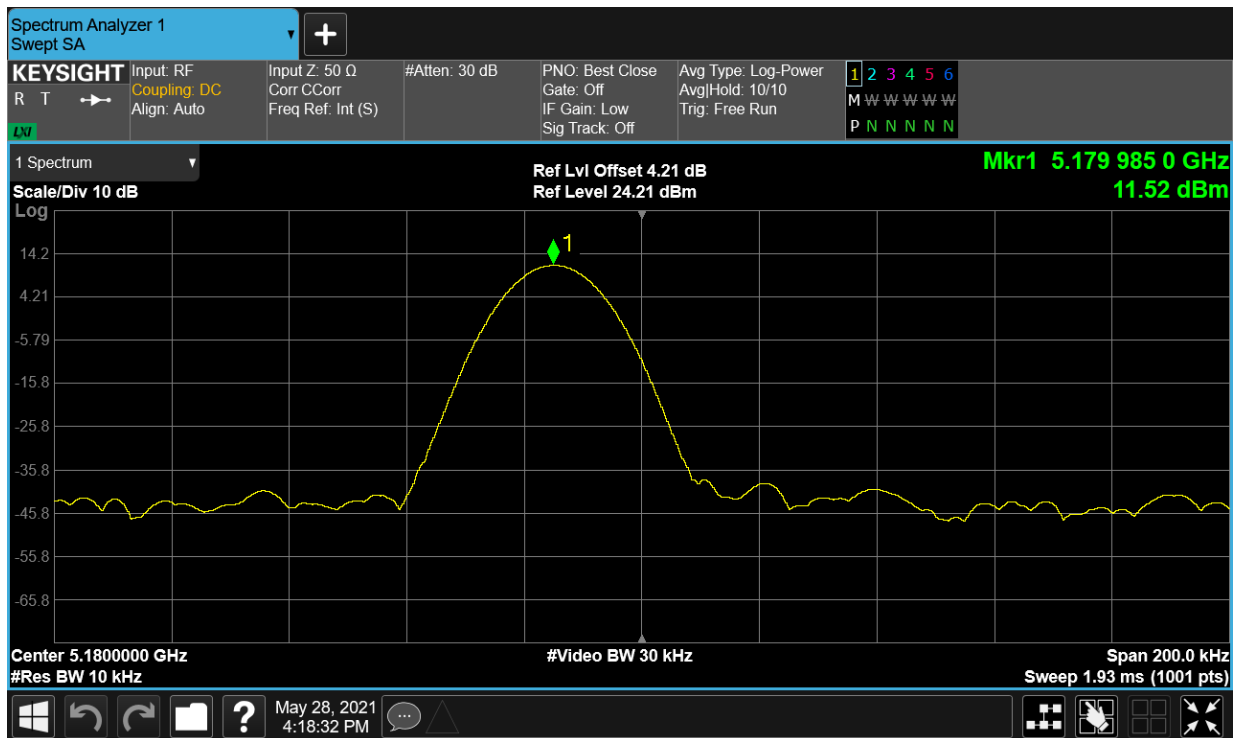
Freq. Stability HVLT a 5180MHz Ant1



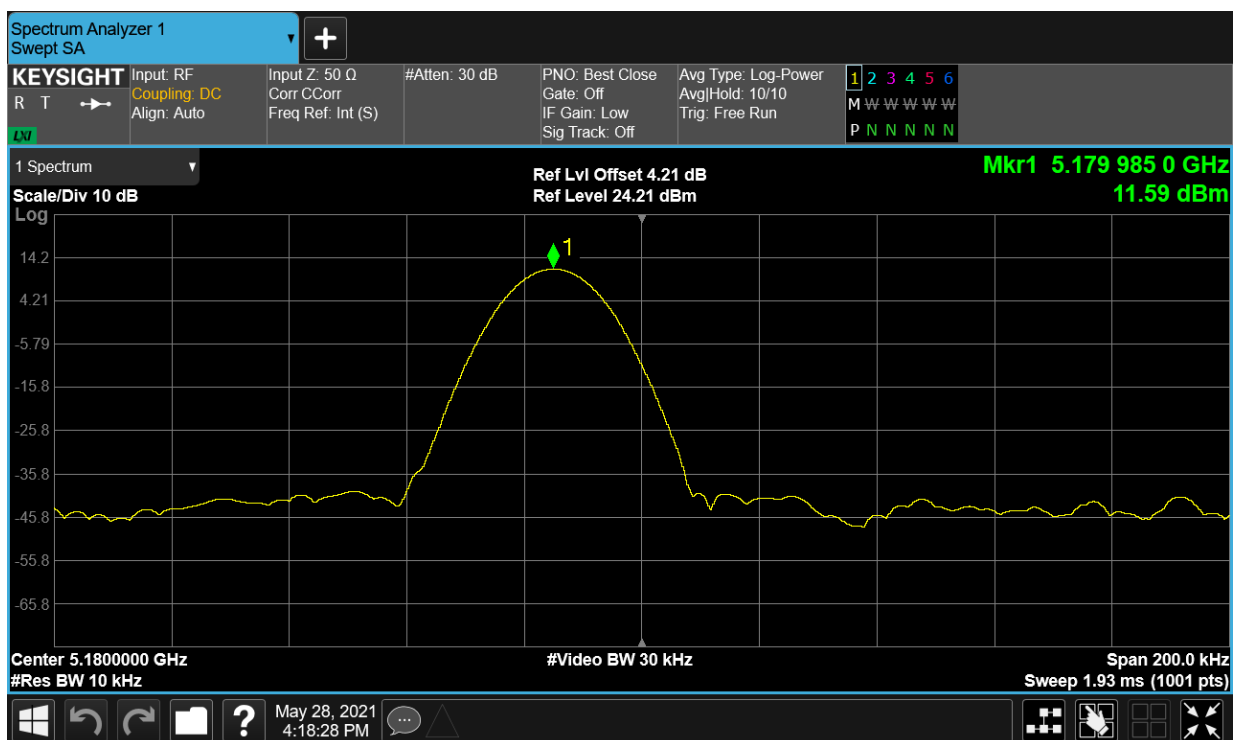
Freq. Stability LVHT a 5180MHz Ant1



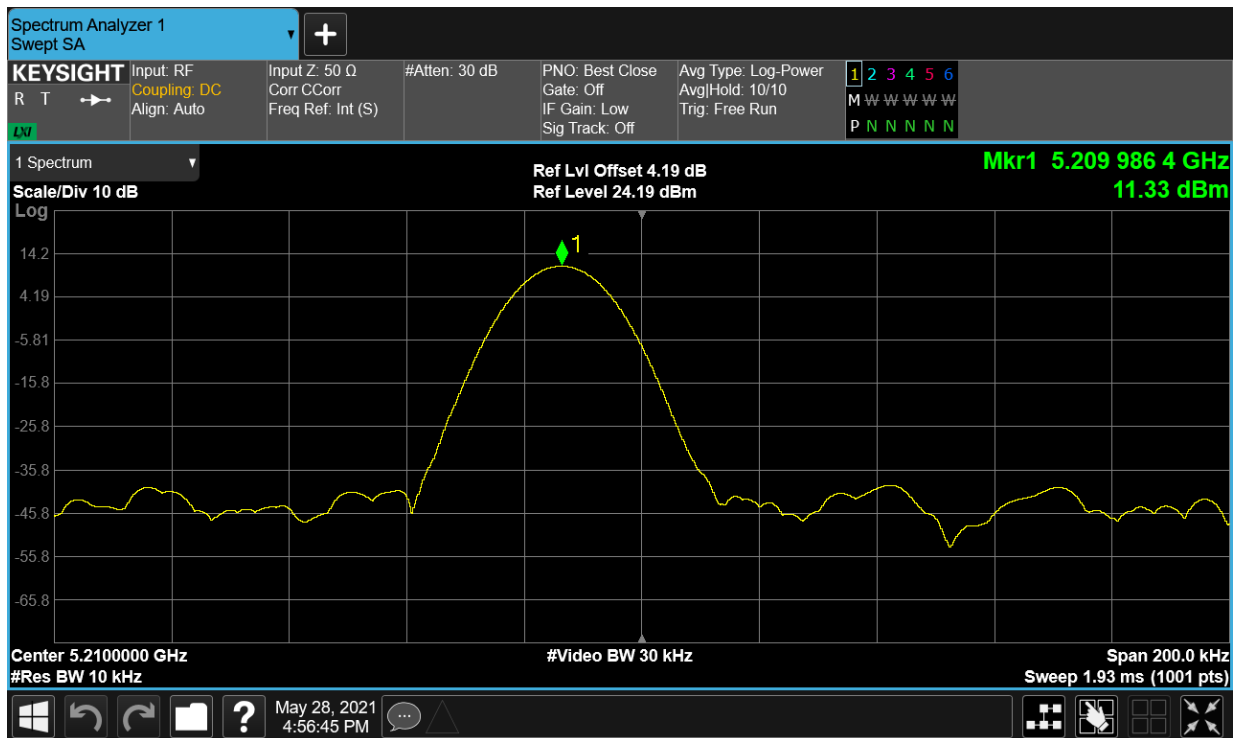
Freq. Stability LVLT a 5180MHz Ant1



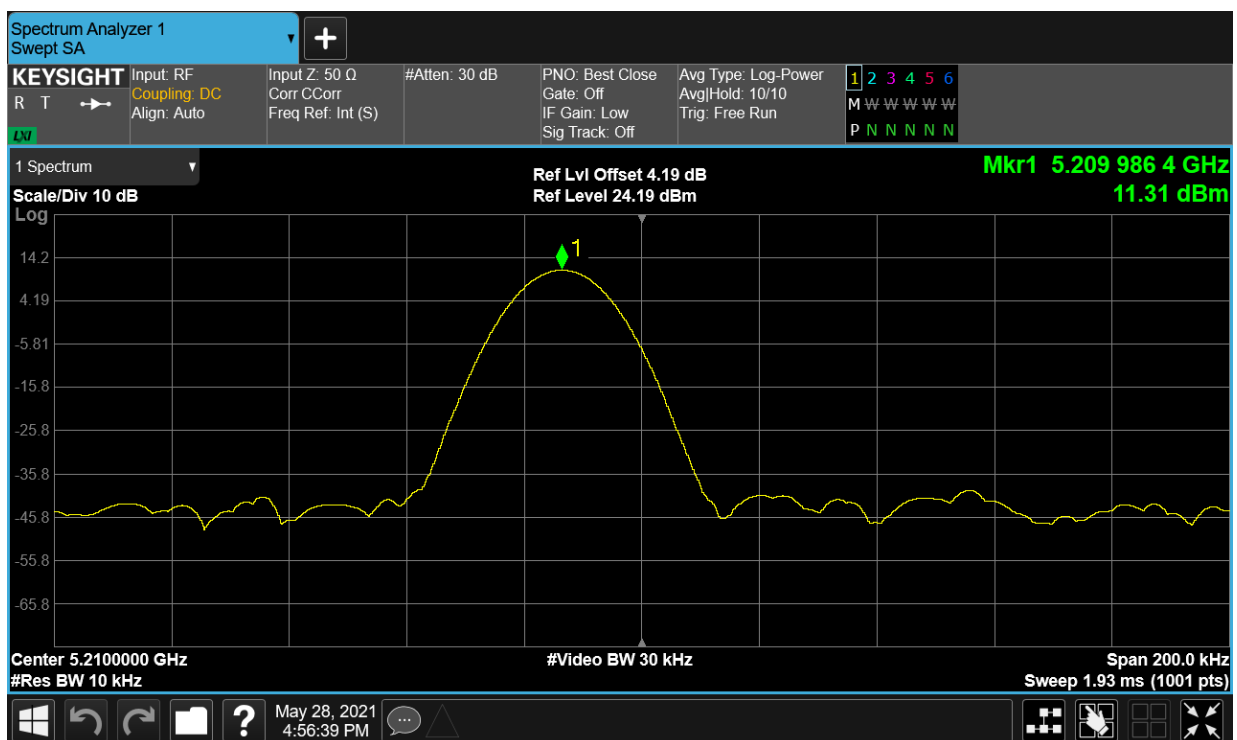
Freq. Stability NVNT a 5180MHz Ant1



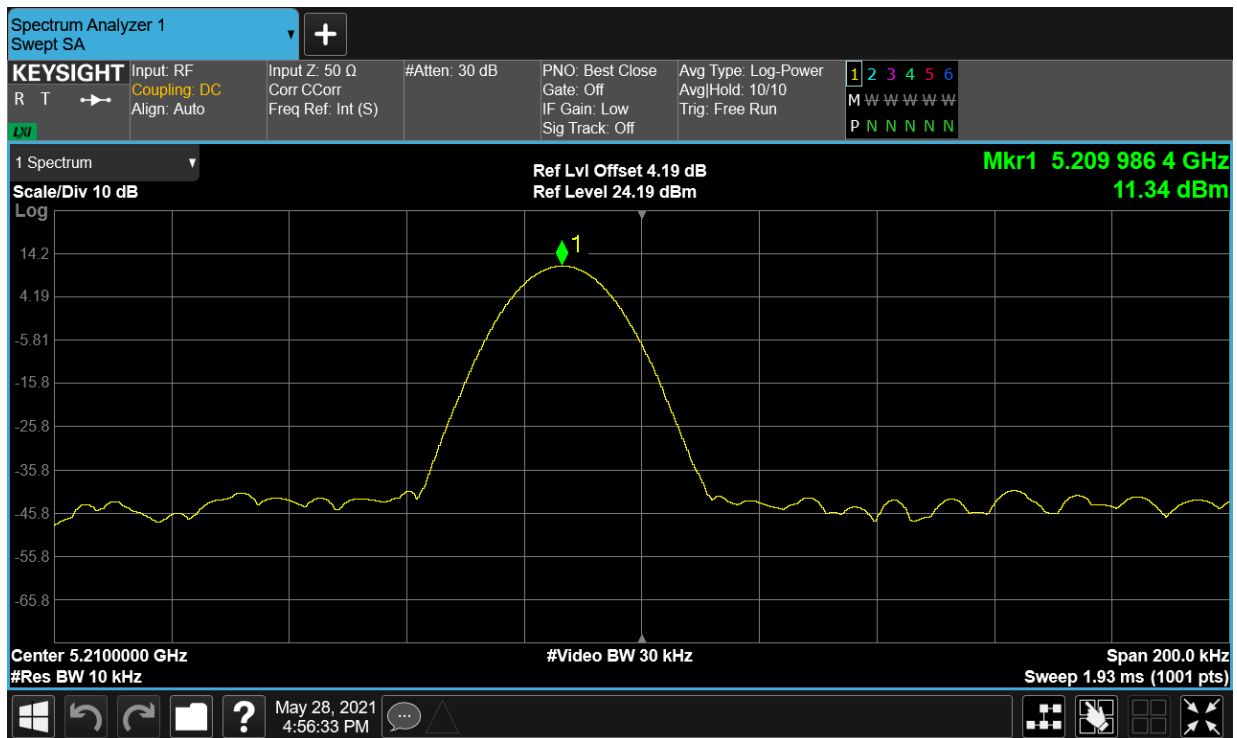
Freq. Stability HVHT ac80 5210MHz Ant1



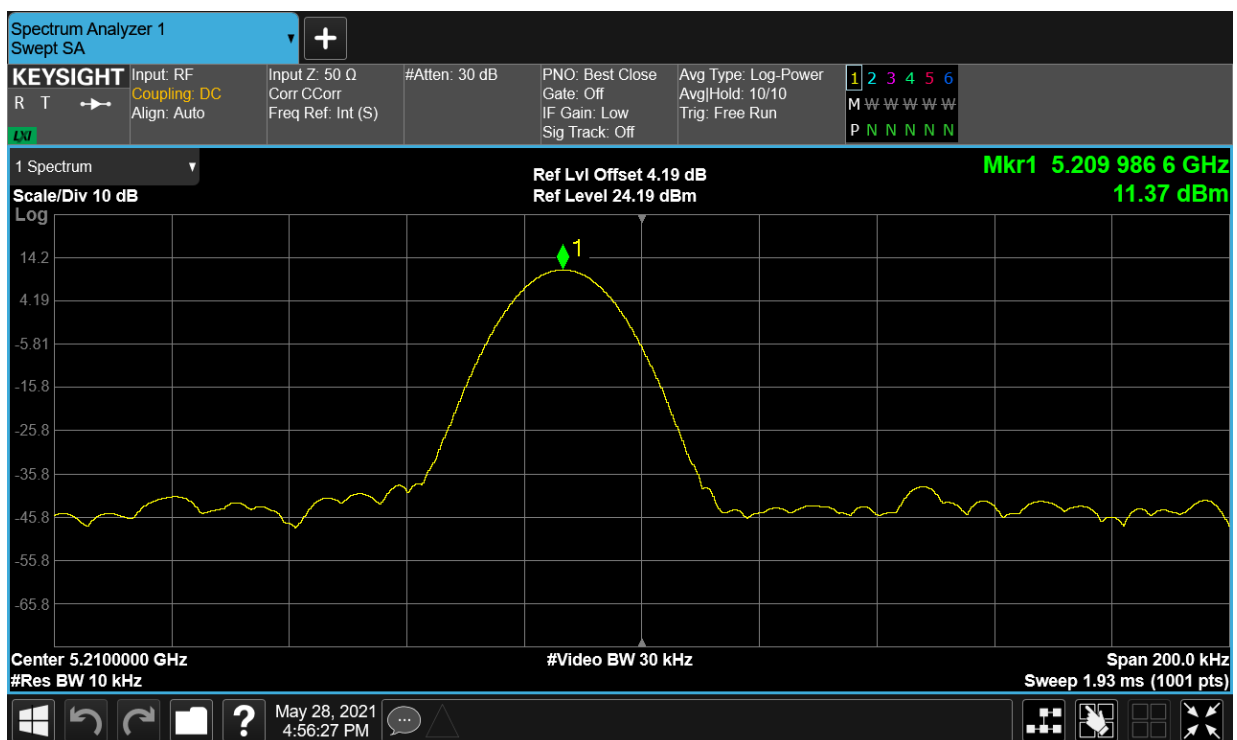
Freq. Stability HVLT ac80 5210MHz Ant1



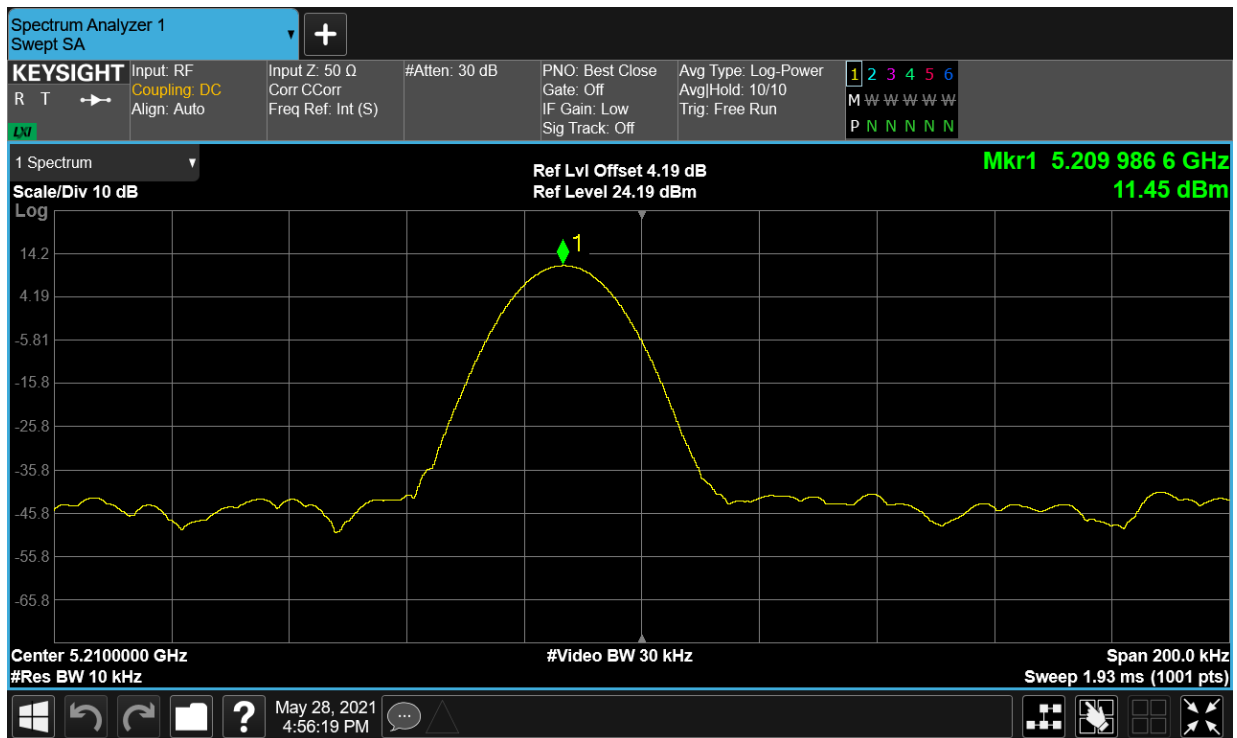
Freq. Stability LVHT ac80 5210MHz Ant1



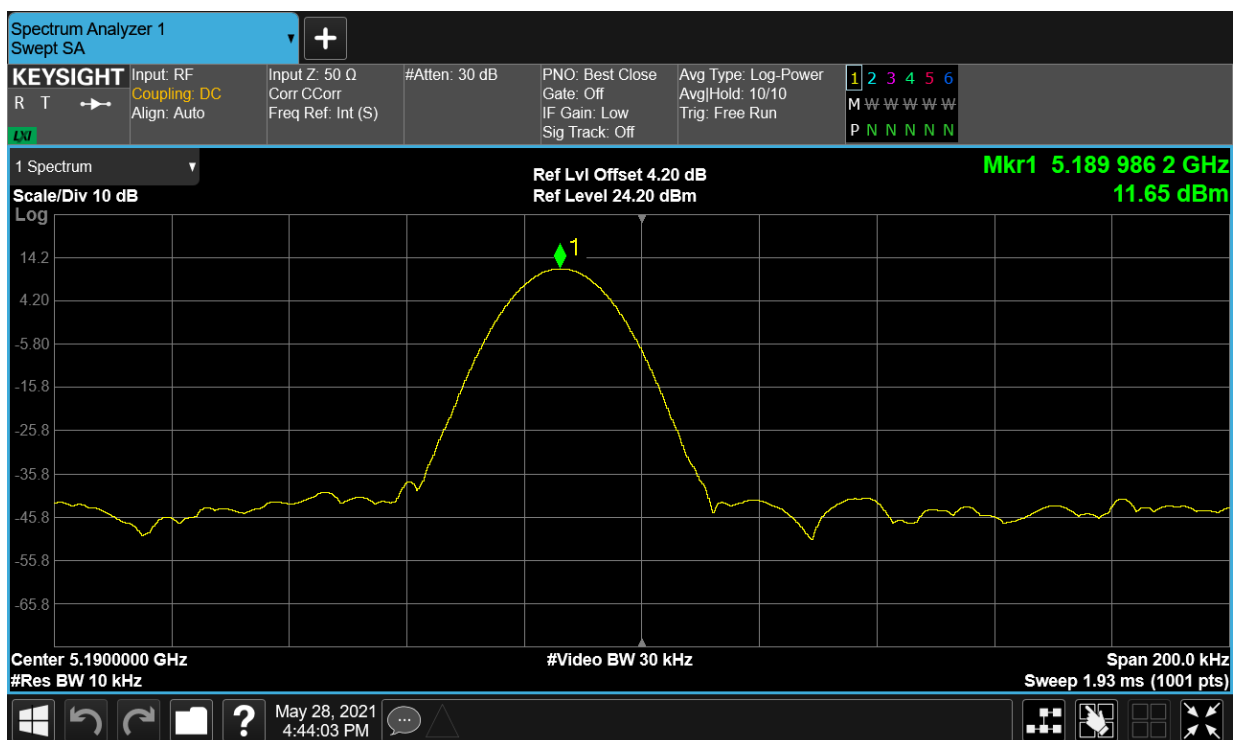
Freq. Stability LVLTL ac80 5210MHz Ant1



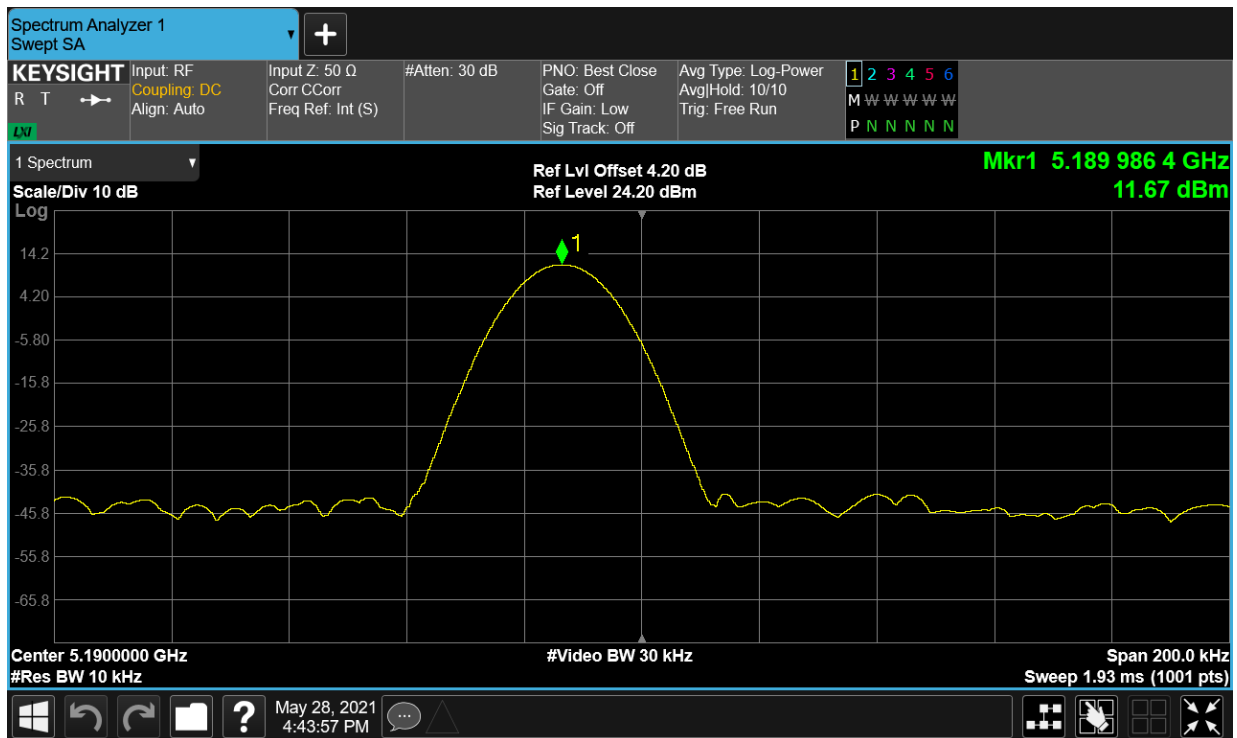
Freq. Stability NVNT ac80 5210MHz Ant1



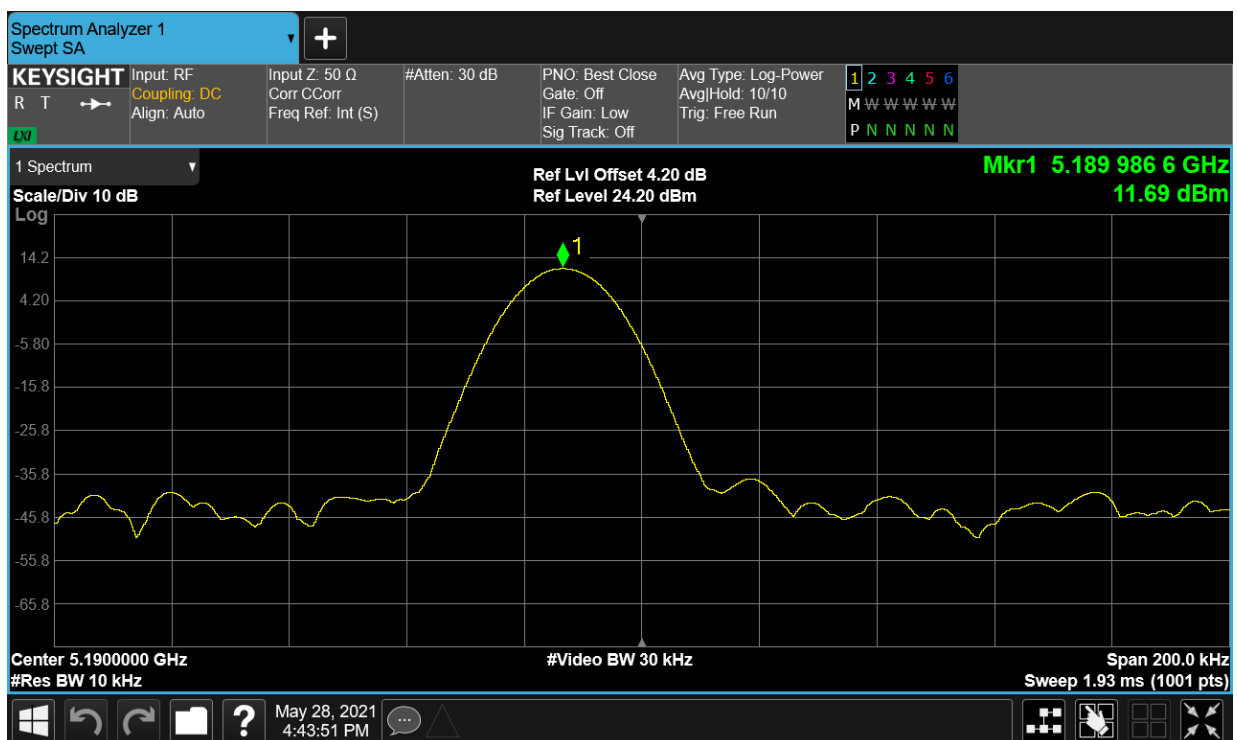
Freq. Stability HVHT n40 5190MHz Ant1



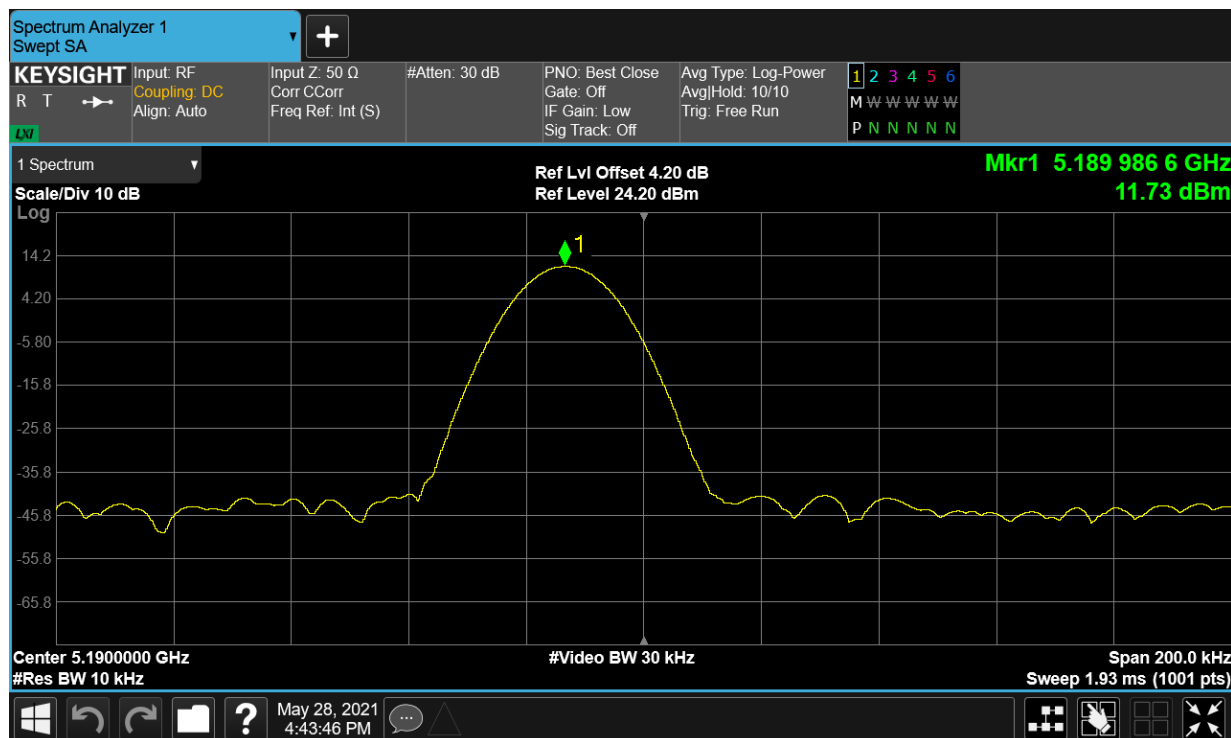
Freq. Stability HVLT n40 5190MHz Ant1



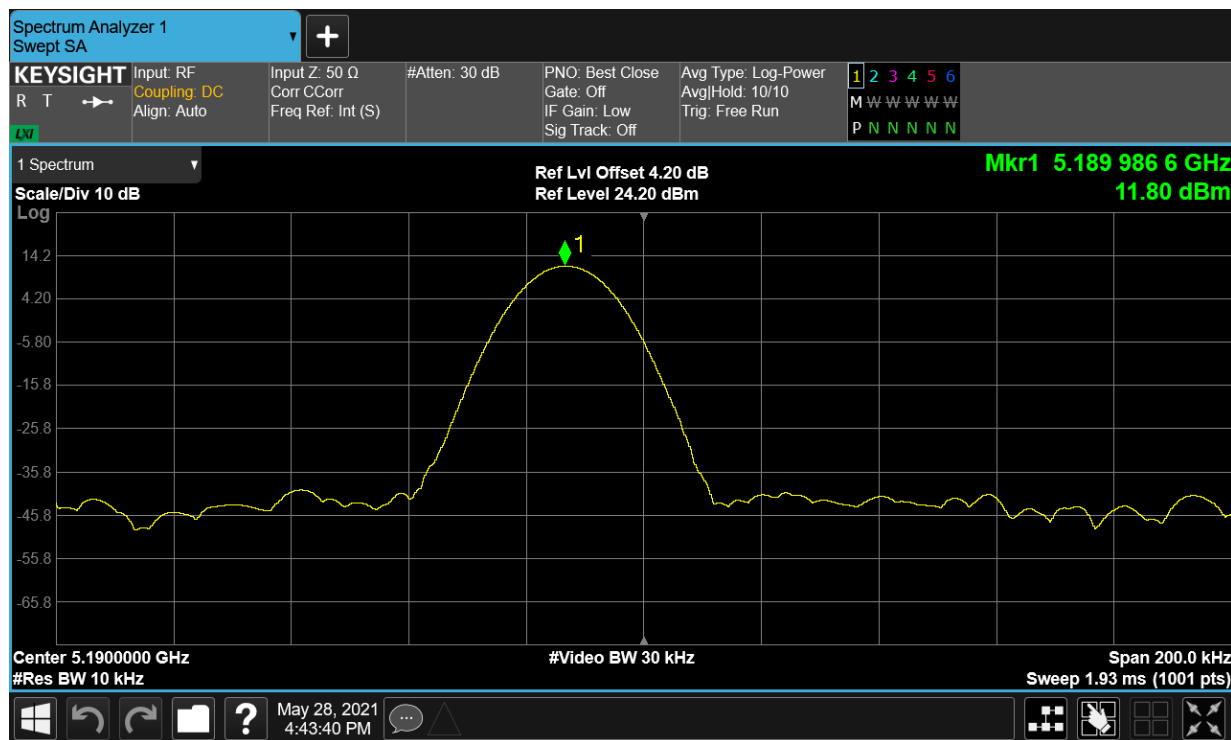
Freq. Stability LVHT n40 5190MHz Ant1



Freq. Stability LVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

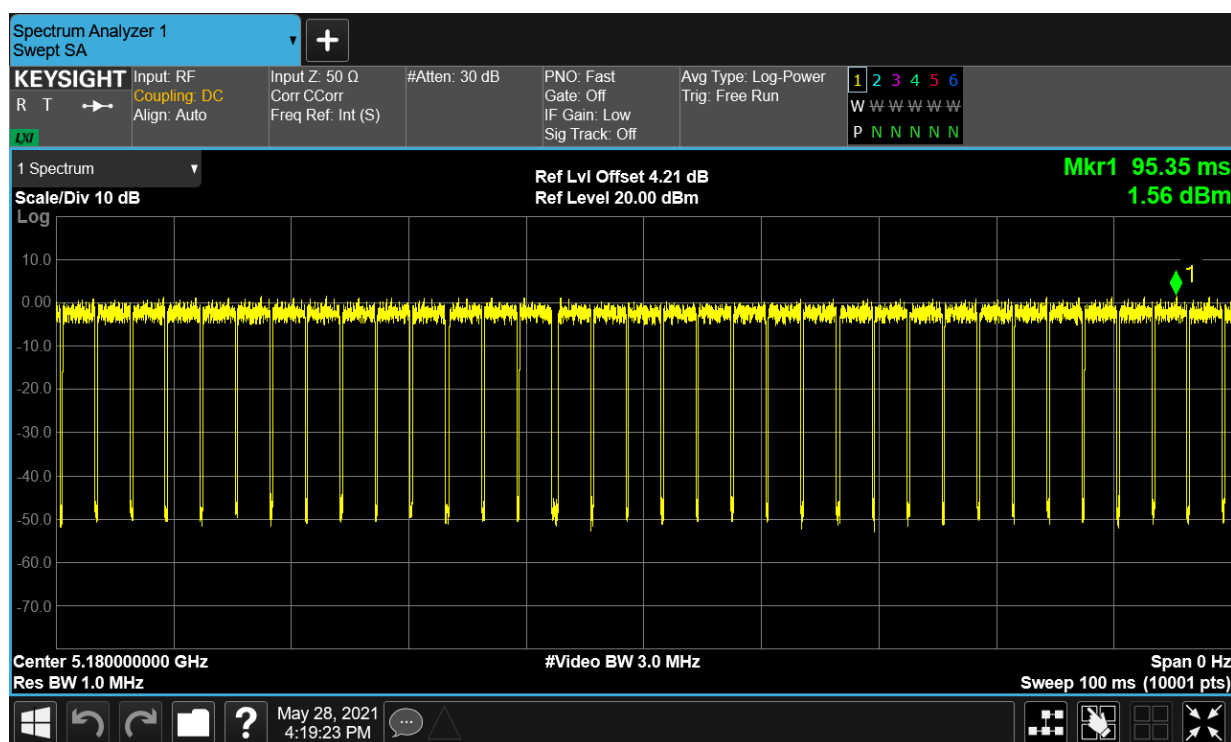


Duty Cycle

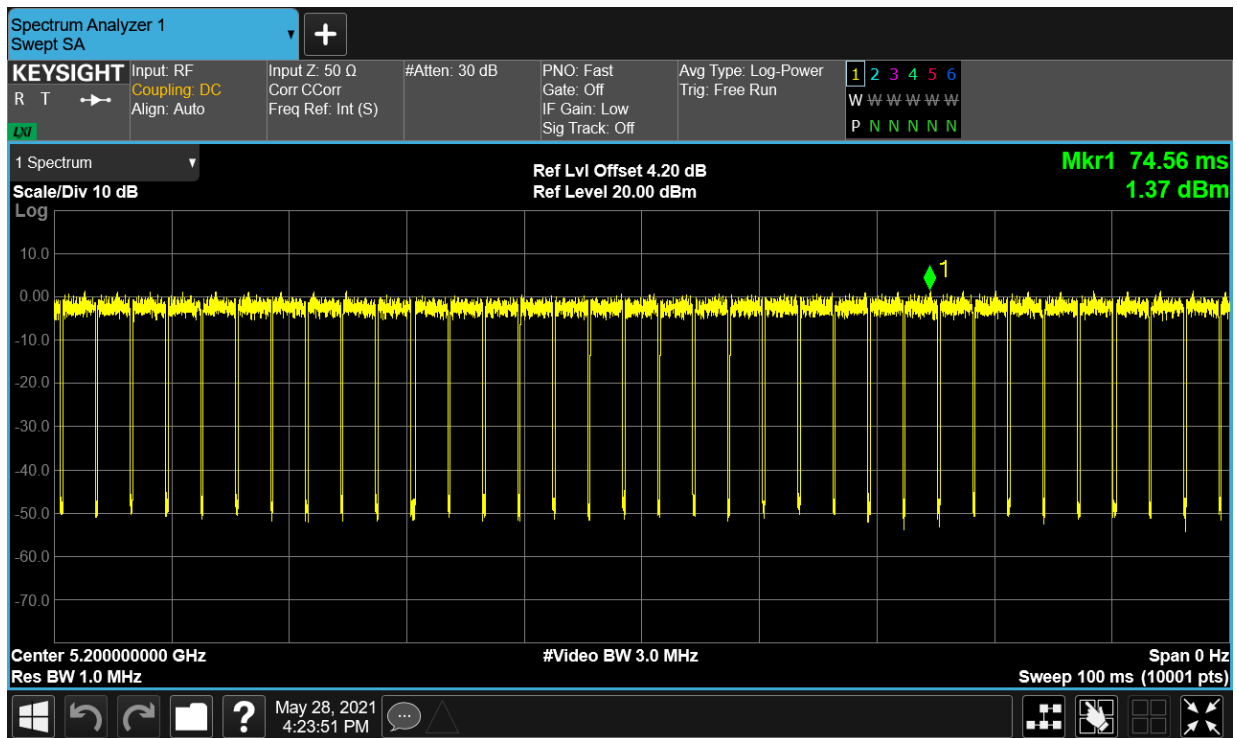
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	92.35	0.35
NVNT	a	5200	Ant1	92.63	0.33
NVNT	a	5240	Ant1	92.09	0.36

NVNT	ac20	5180	Ant1	90.5	0.43
NVNT	ac20	5200	Ant1	91.01	0.41
NVNT	ac20	5240	Ant1	91.04	0.41
NVNT	ac40	5190	Ant1	81.48	0.89
NVNT	ac40	5230	Ant1	83.81	0.77
NVNT	ac80	5210	Ant1	68.96	1.61
NVNT	n20	5180	Ant1	90.32	0.44
NVNT	n20	5200	Ant1	91.36	0.39
NVNT	n20	5240	Ant1	87.9	0.56
NVNT	n40	5190	Ant1	82.99	0.81
NVNT	n40	5230	Ant1	83.56	0.78

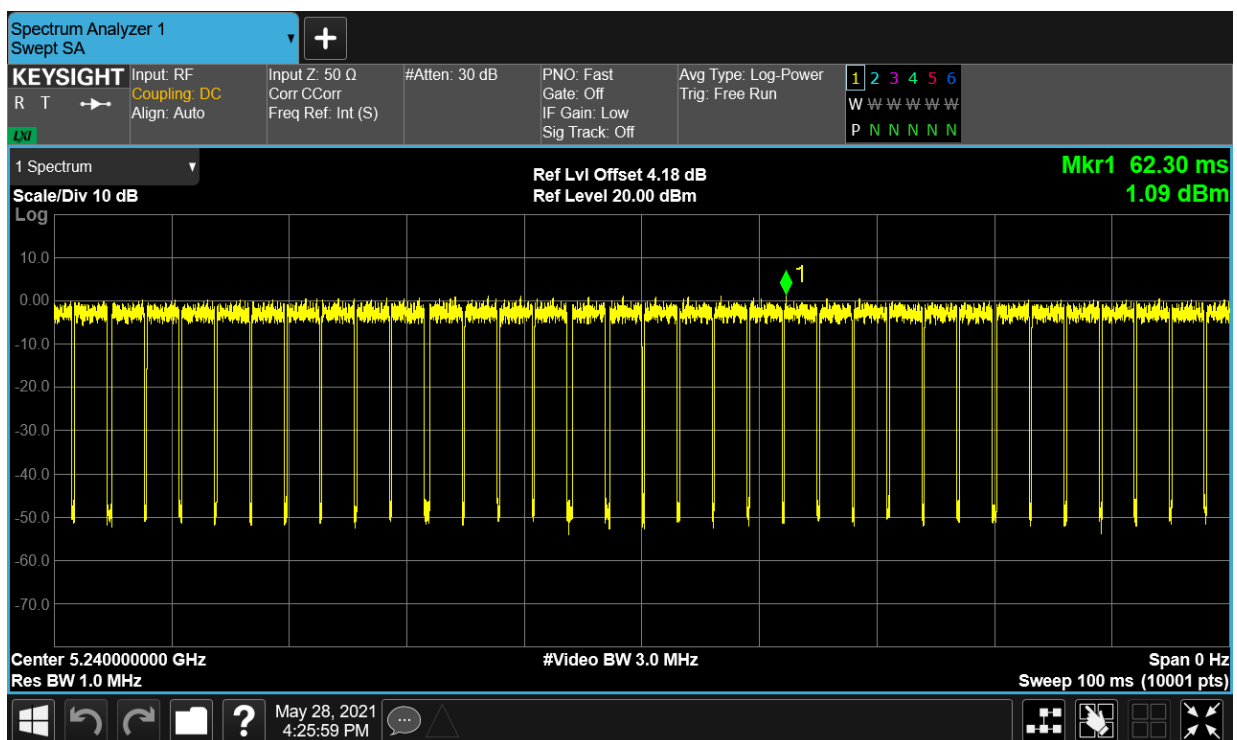
Duty Cycle NVNT a 5180MHz Ant1



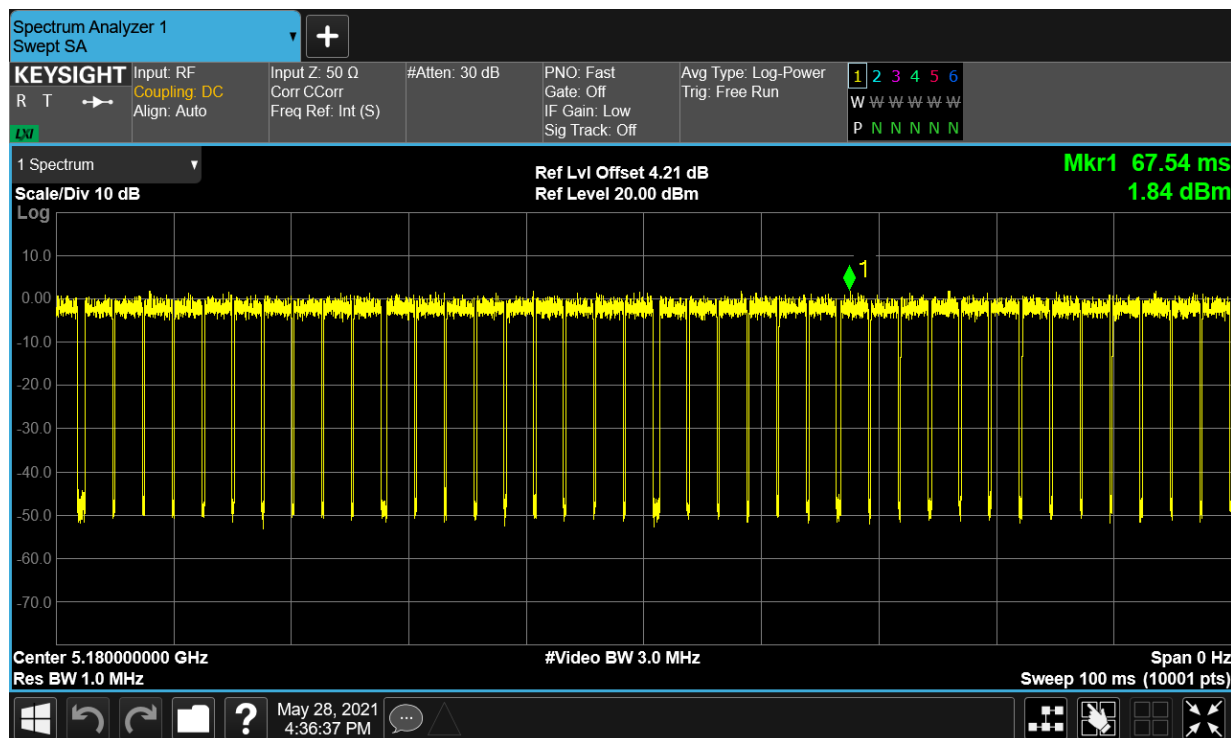
Duty Cycle NVNT a 5200MHz Ant1



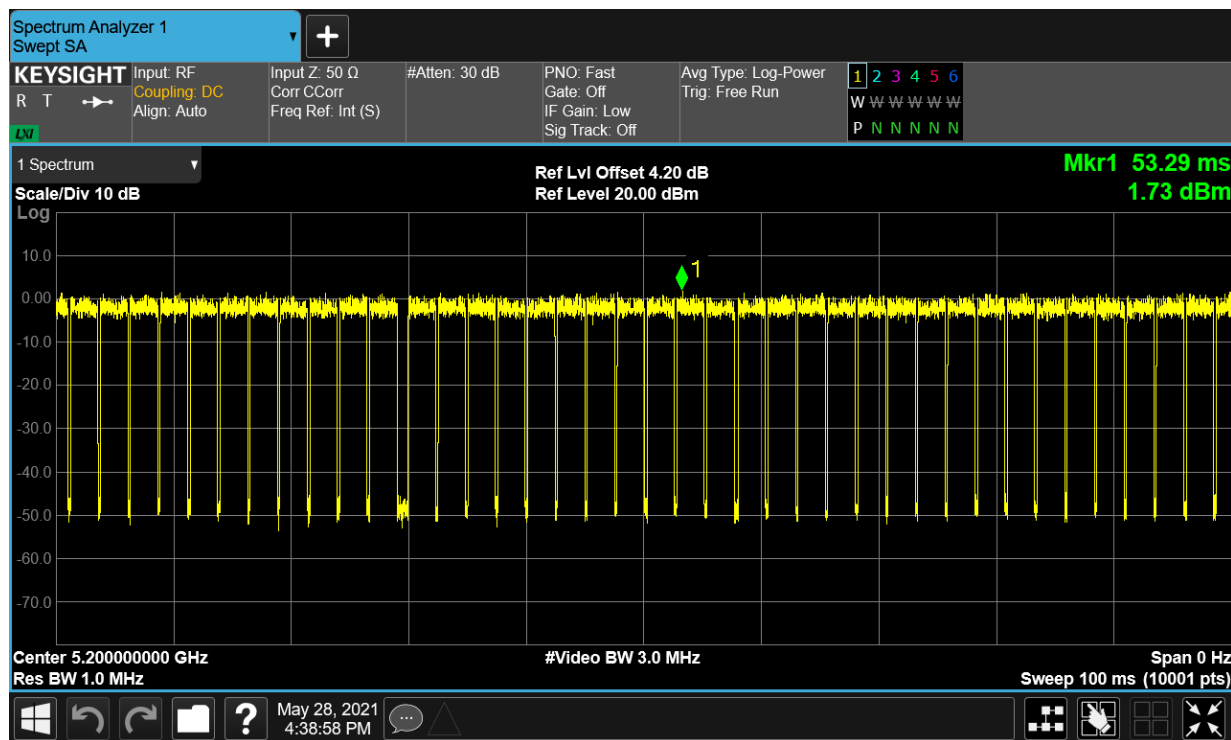
Duty Cycle NVNT a 5240MHz Ant1



Duty Cycle NVNT ac20 5180MHz Ant1



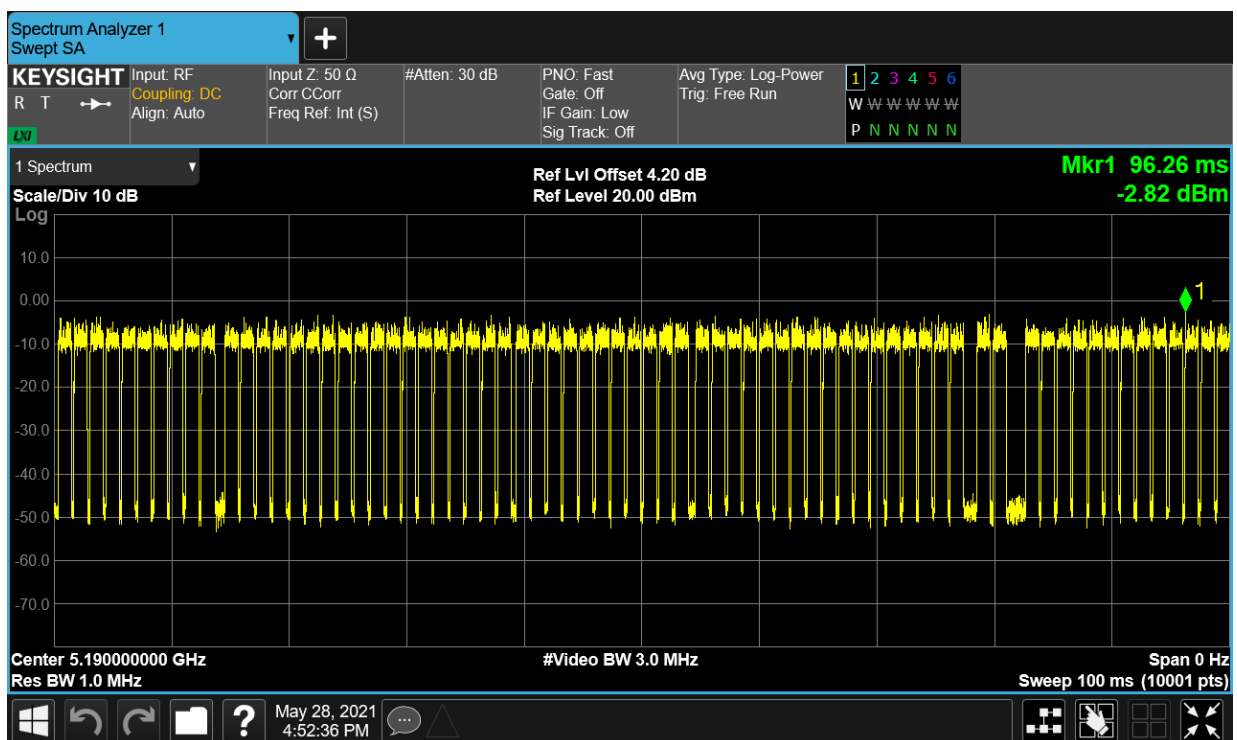
Duty Cycle NVNT ac20 5200MHz Ant1



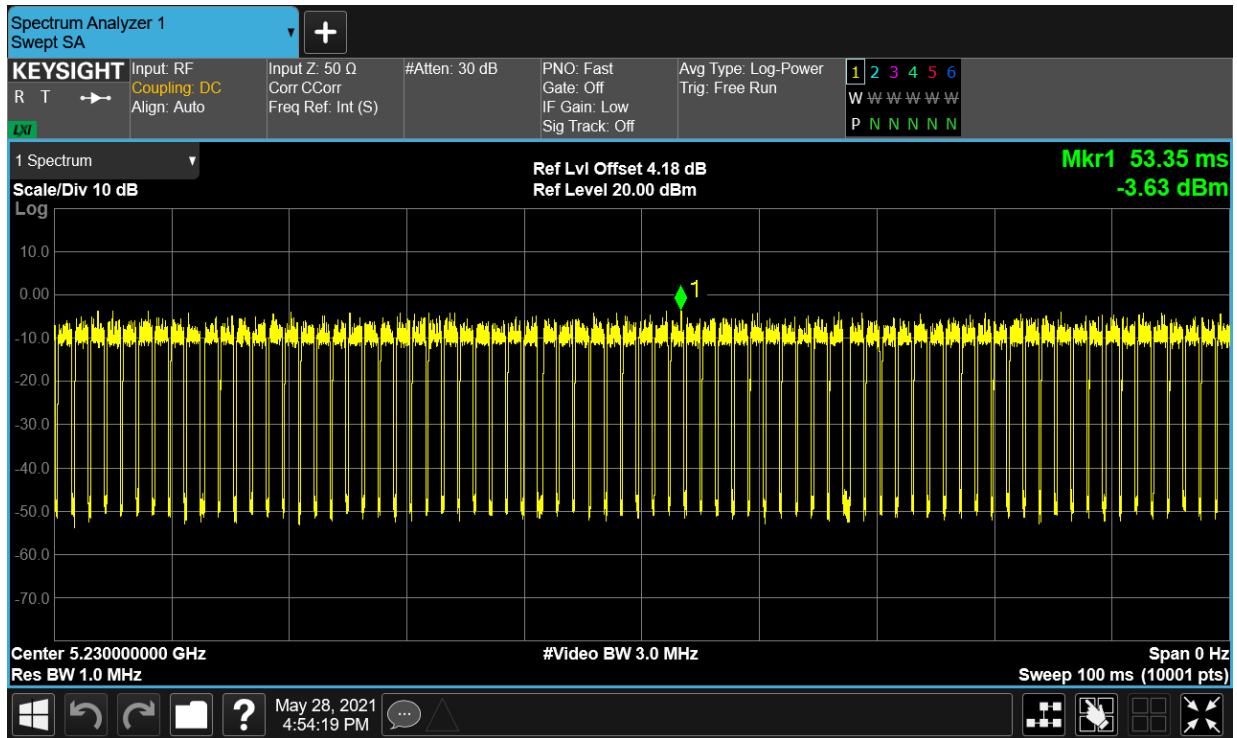
Duty Cycle NVNT ac20 5240MHz Ant1



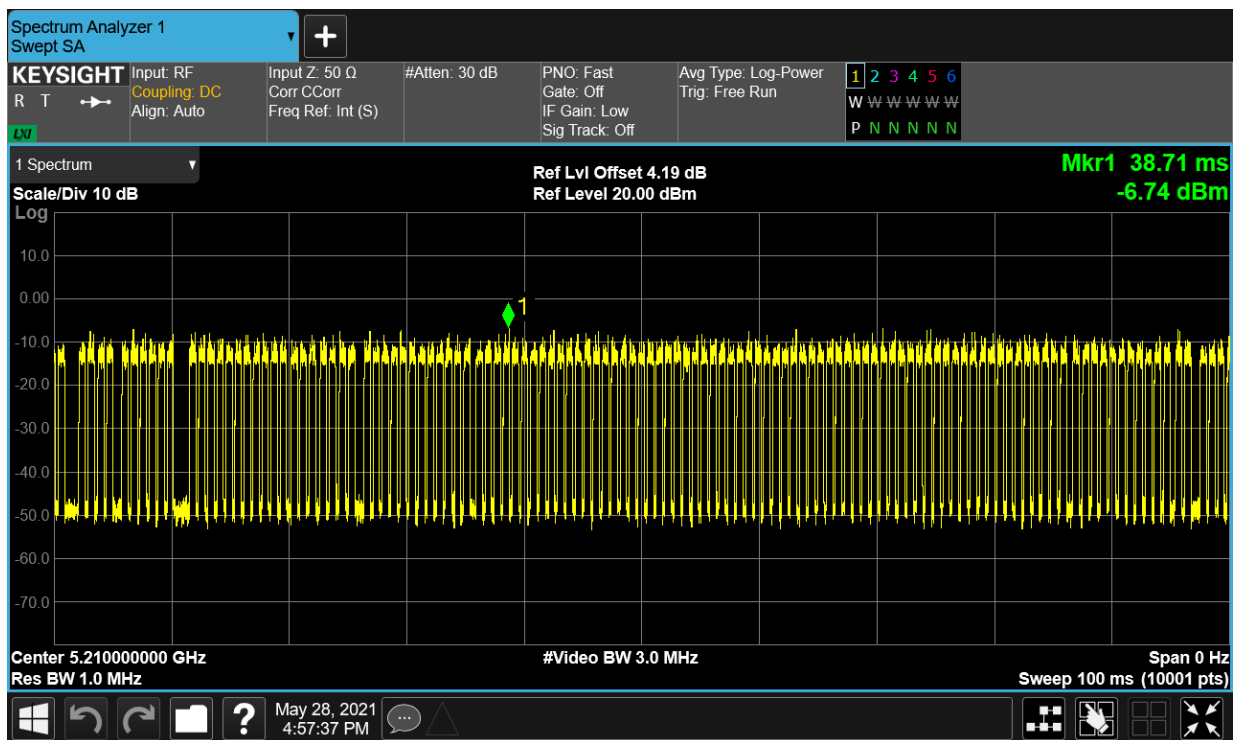
Duty Cycle NVNT ac40 5190MHz Ant1



Duty Cycle NVNT ac40 5230MHz Ant1



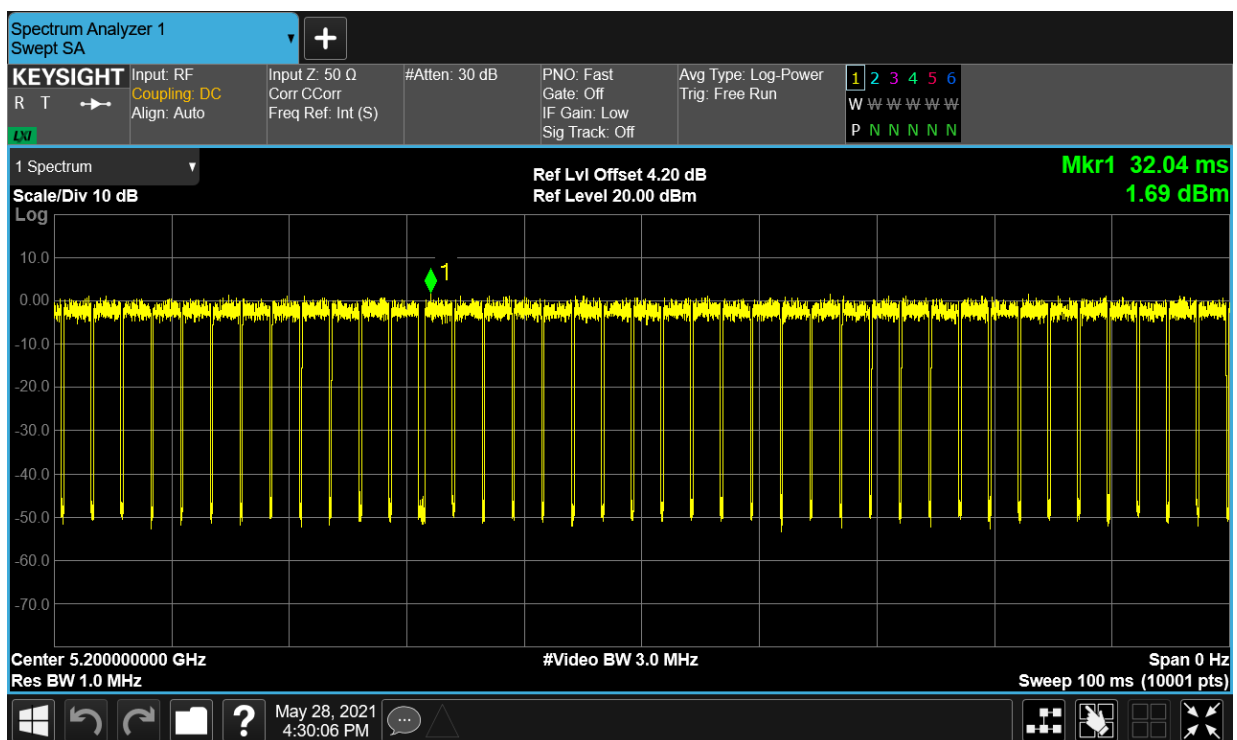
Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



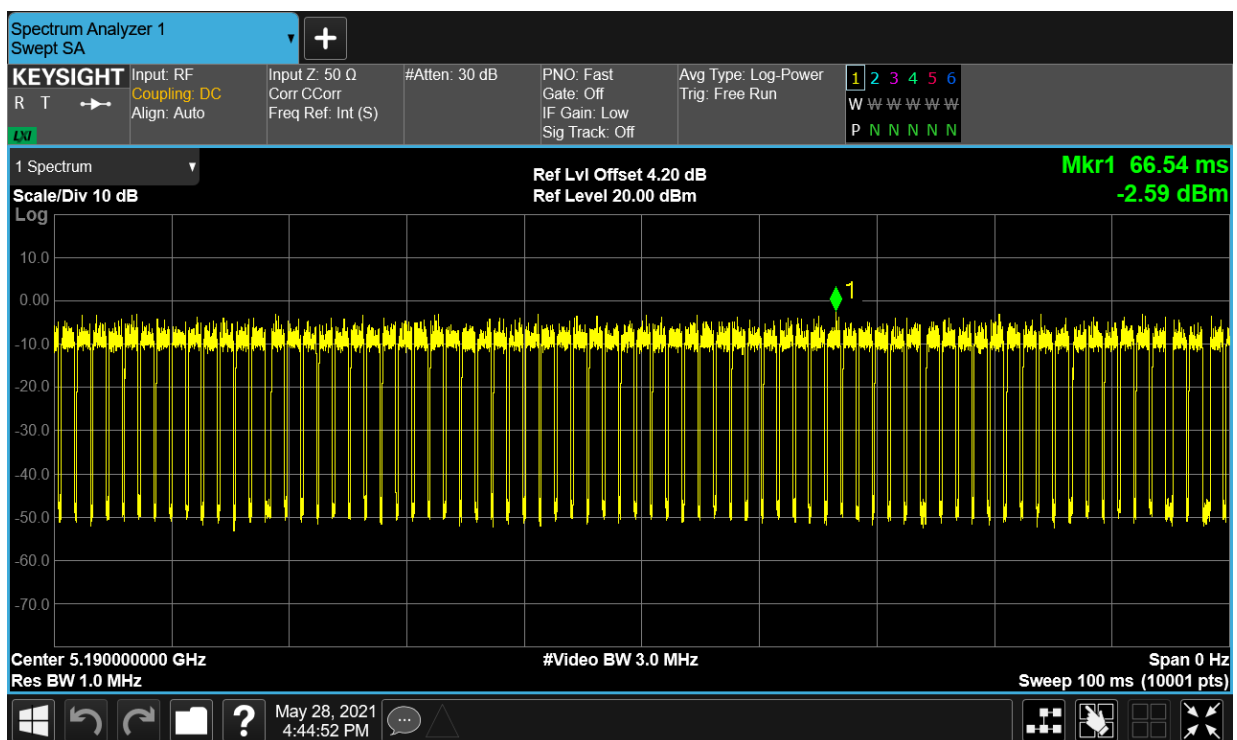
Duty Cycle NVNT n20 5200MHz Ant1



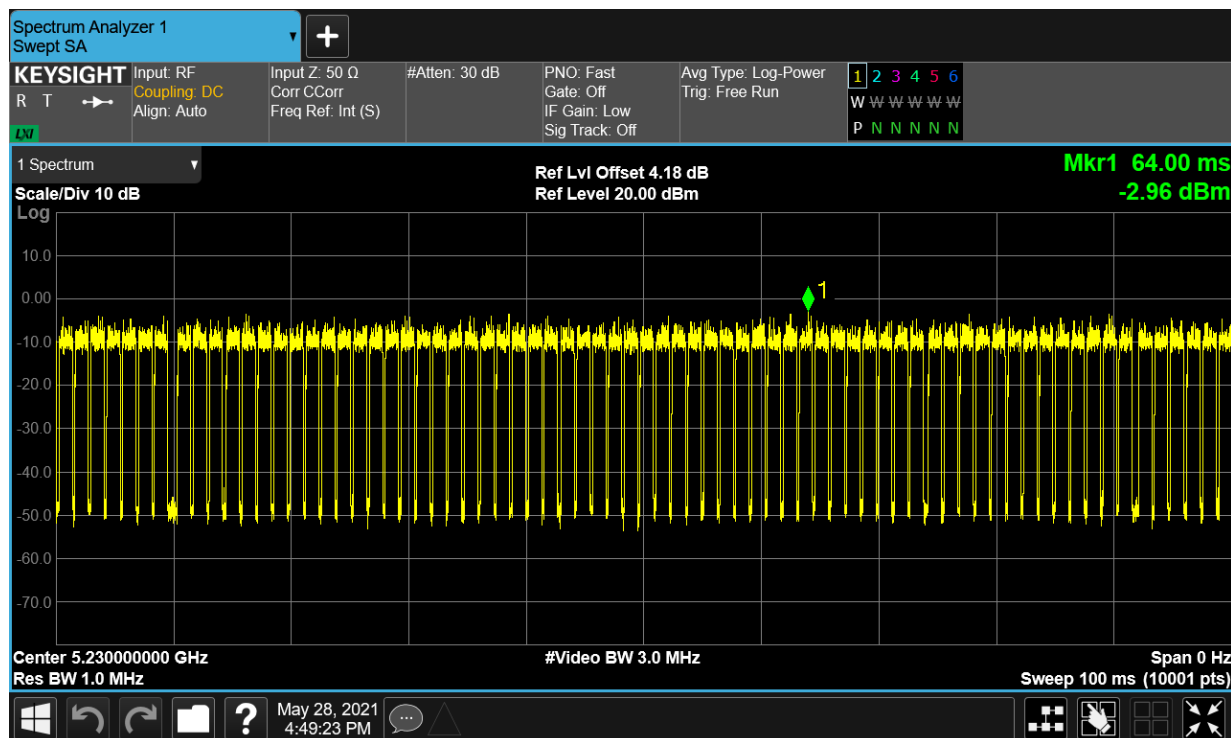
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

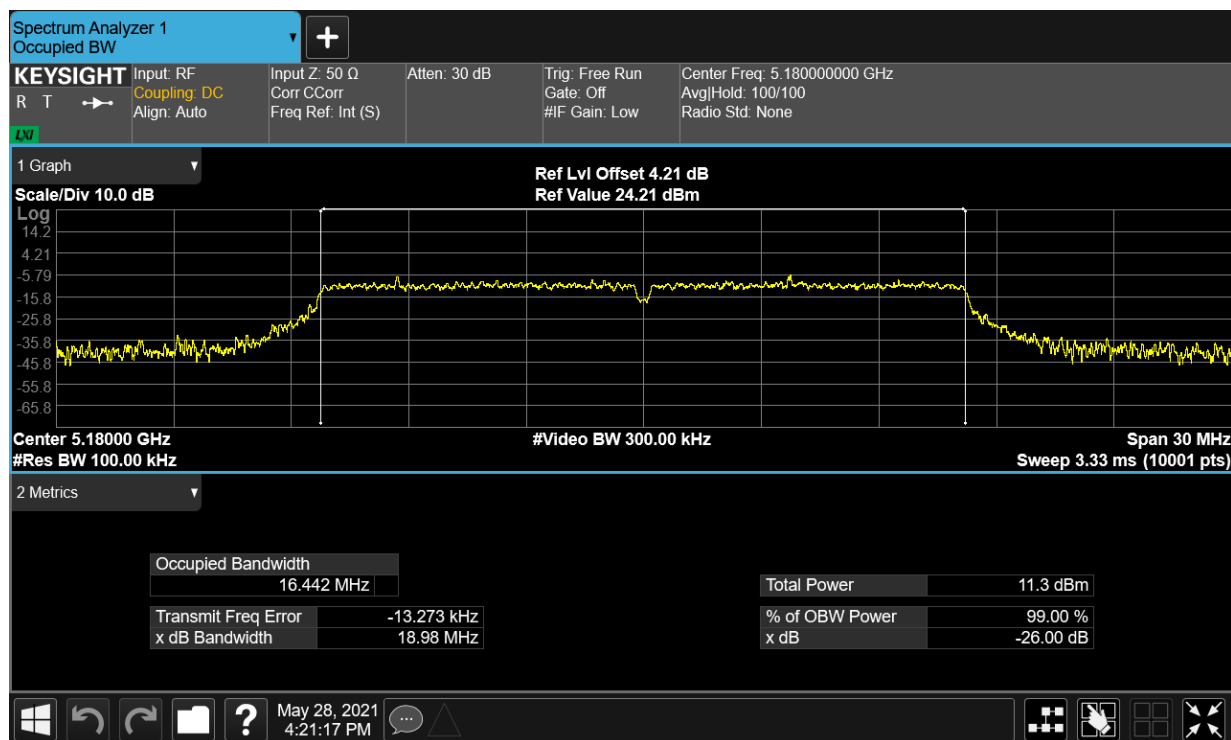
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.6	0.35	5.95	24	Pass
NVNT	a	5200	Ant1	6.12	0.33	6.45	24	Pass
NVNT	a	5240	Ant1	4.78	0.36	5.14	24	Pass
NVNT	ac20	5180	Ant1	5.96	0.43	6.39	24	Pass
NVNT	ac20	5200	Ant1	6.48	0.41	6.89	24	Pass
NVNT	ac20	5240	Ant1	5.21	0.41	5.62	24	Pass
NVNT	ac40	5190	Ant1	5.8	0.89	6.69	24	Pass
NVNT	ac40	5230	Ant1	4.98	0.77	5.75	24	Pass
NVNT	ac80	5210	Ant1	5.57	1.61	7.18	24	Pass
NVNT	n20	5180	Ant1	5.97	0.44	6.41	24	Pass
NVNT	n20	5200	Ant1	6.4	0.39	6.79	24	Pass
NVNT	n20	5240	Ant1	5.17	0.56	5.73	24	Pass
NVNT	n40	5190	Ant1	6.05	0.81	6.86	24	Pass
NVNT	n40	5230	Ant1	5	0.78	5.78	24	Pass

Occupied Channel Bandwidth

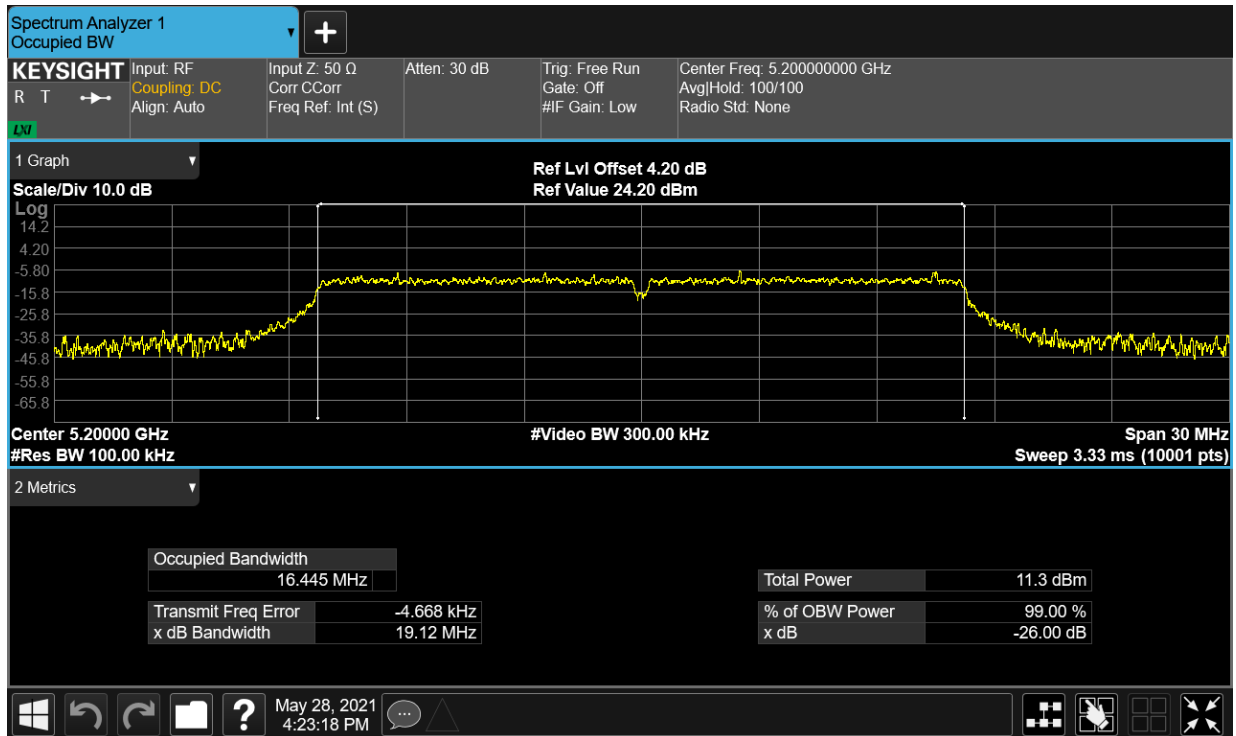
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.44238822
NVNT	a	5200	Ant1	16.44526988
NVNT	a	5240	Ant1	16.45844069
NVNT	ac20	5180	Ant1	17.59234714

NVNT	ac20	5200	Ant1	17.59132859
NVNT	ac20	5240	Ant1	17.54824061
NVNT	ac40	5190	Ant1	36.08668715
NVNT	ac40	5230	Ant1	36.09218576
NVNT	ac80	5210	Ant1	75.48974269
NVNT	n20	5180	Ant1	17.5613553
NVNT	n20	5200	Ant1	17.58513762
NVNT	n20	5240	Ant1	17.57625853
NVNT	n40	5190	Ant1	36.07776843
NVNT	n40	5230	Ant1	36.08837065

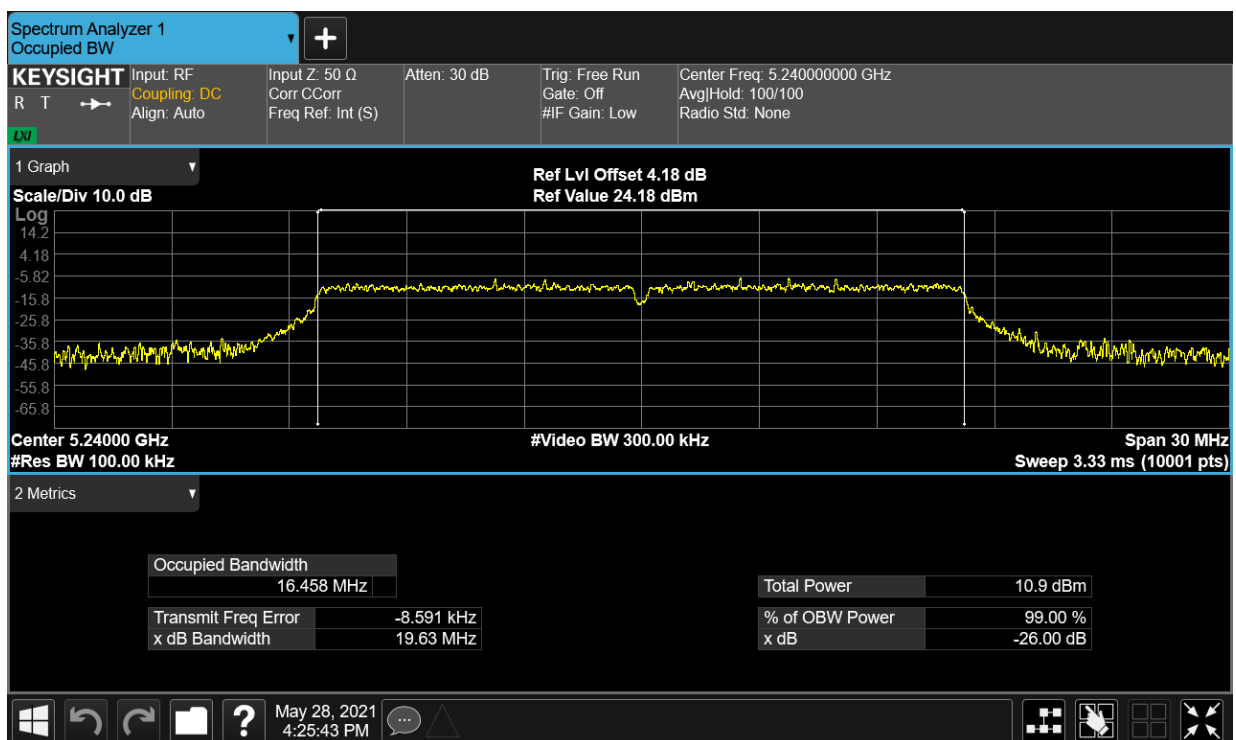
OBW NVNT a 5180MHz Ant1



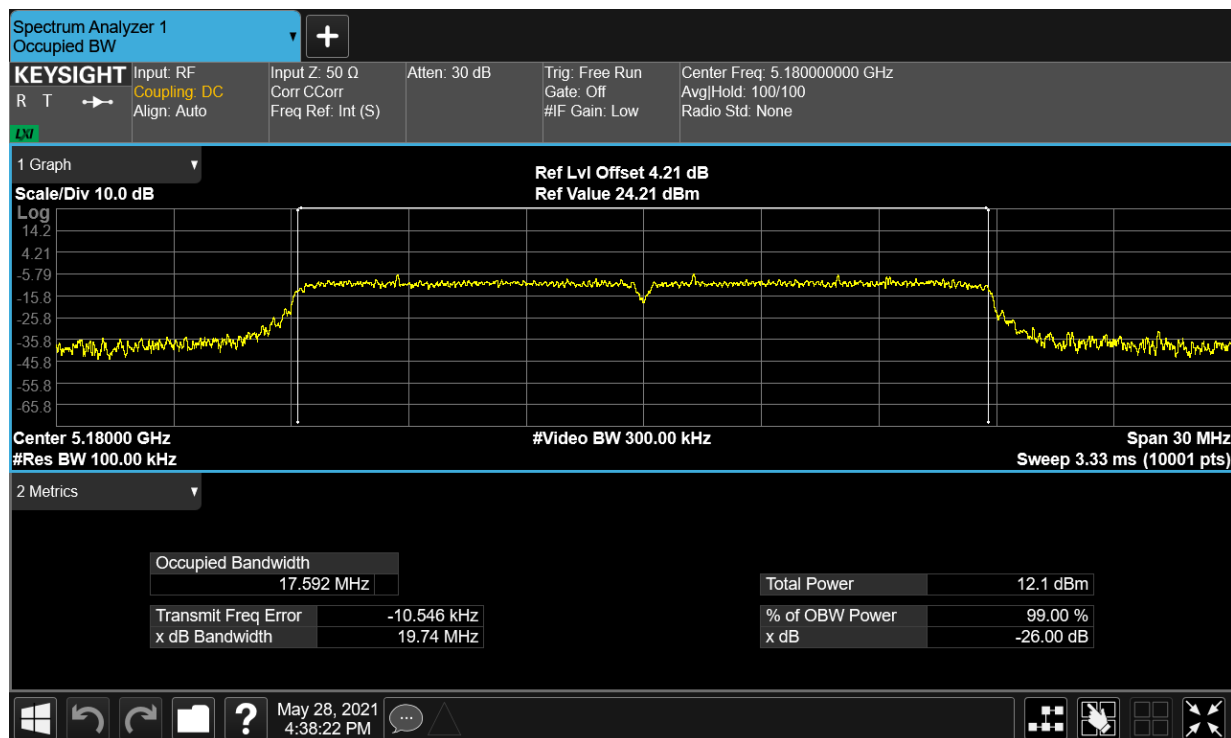
OBW NVNT a 5200MHz Ant1



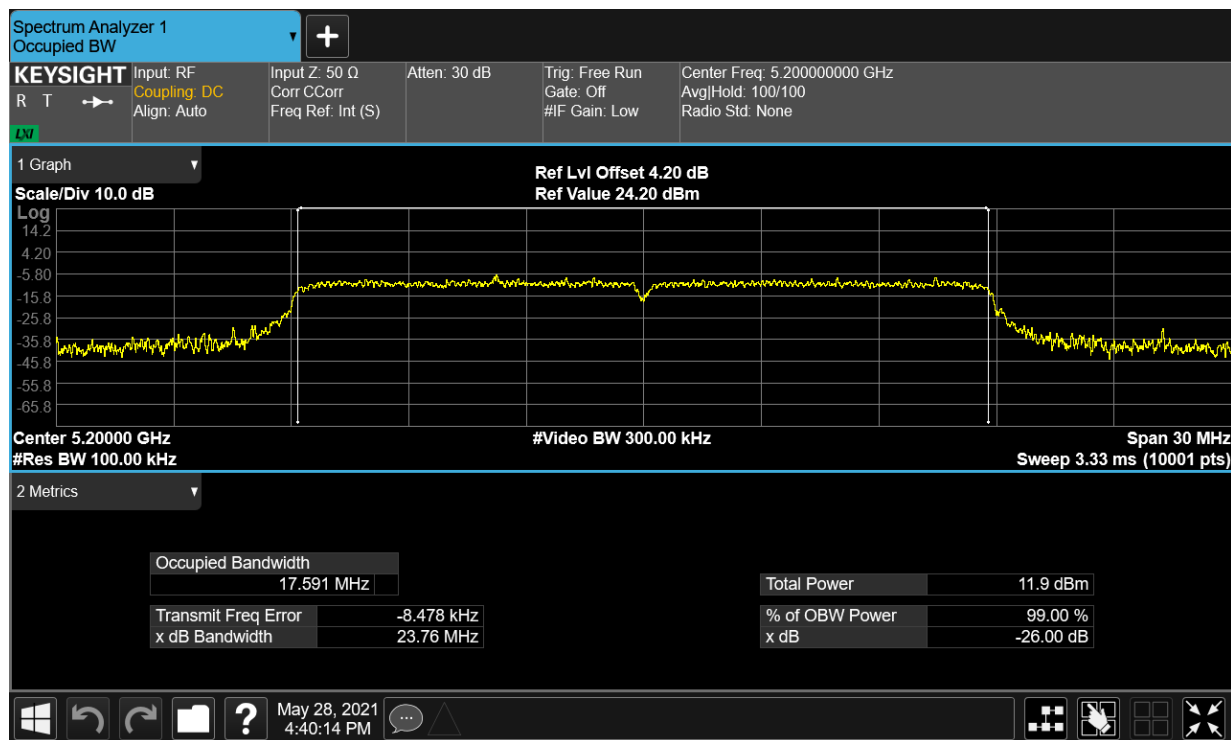
OBW NVNT a 5240MHz Ant1



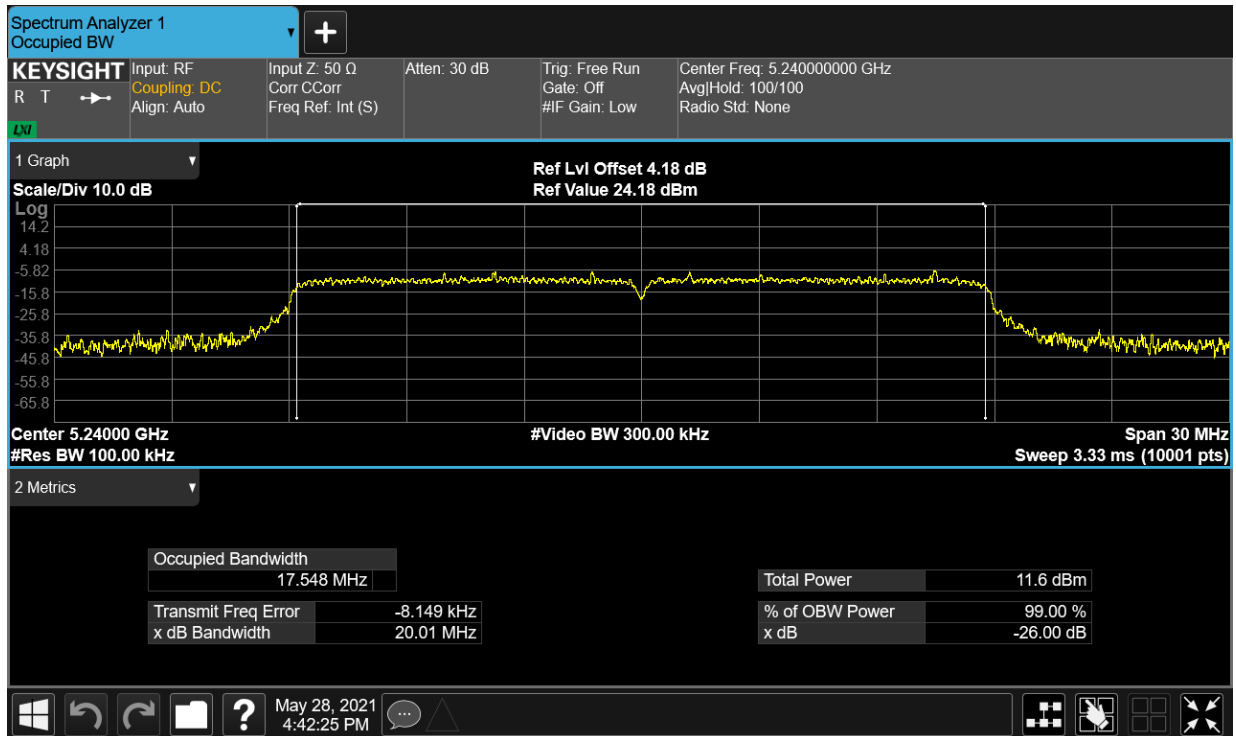
OBW NVNT ac20 5180MHz Ant1



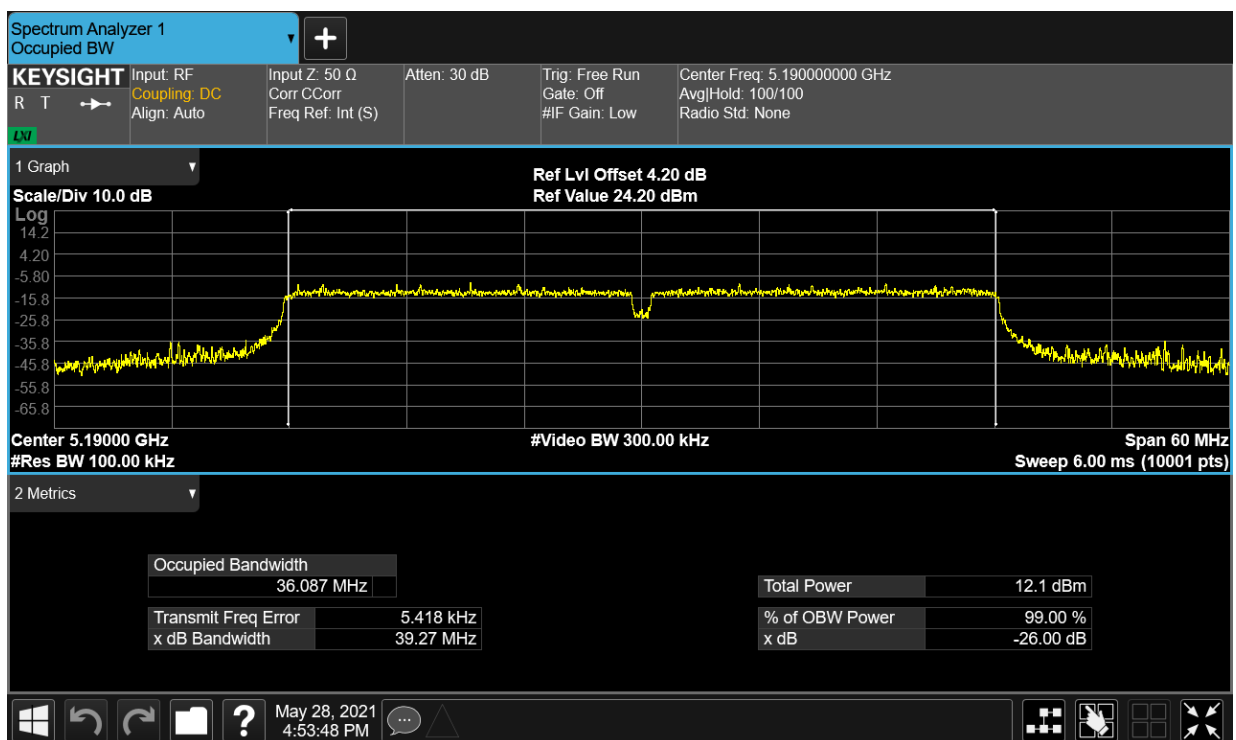
OBW NVNT ac20 5200MHz Ant1



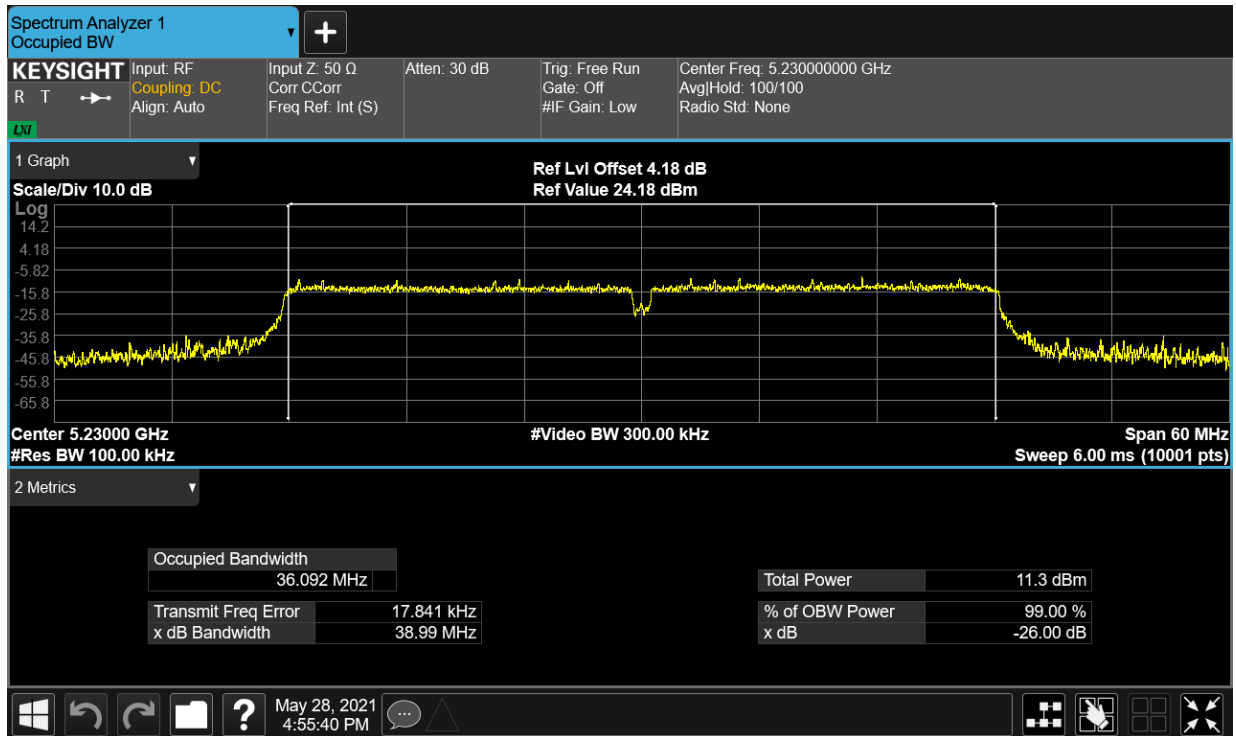
OBW NVNT ac20 5240MHz Ant1



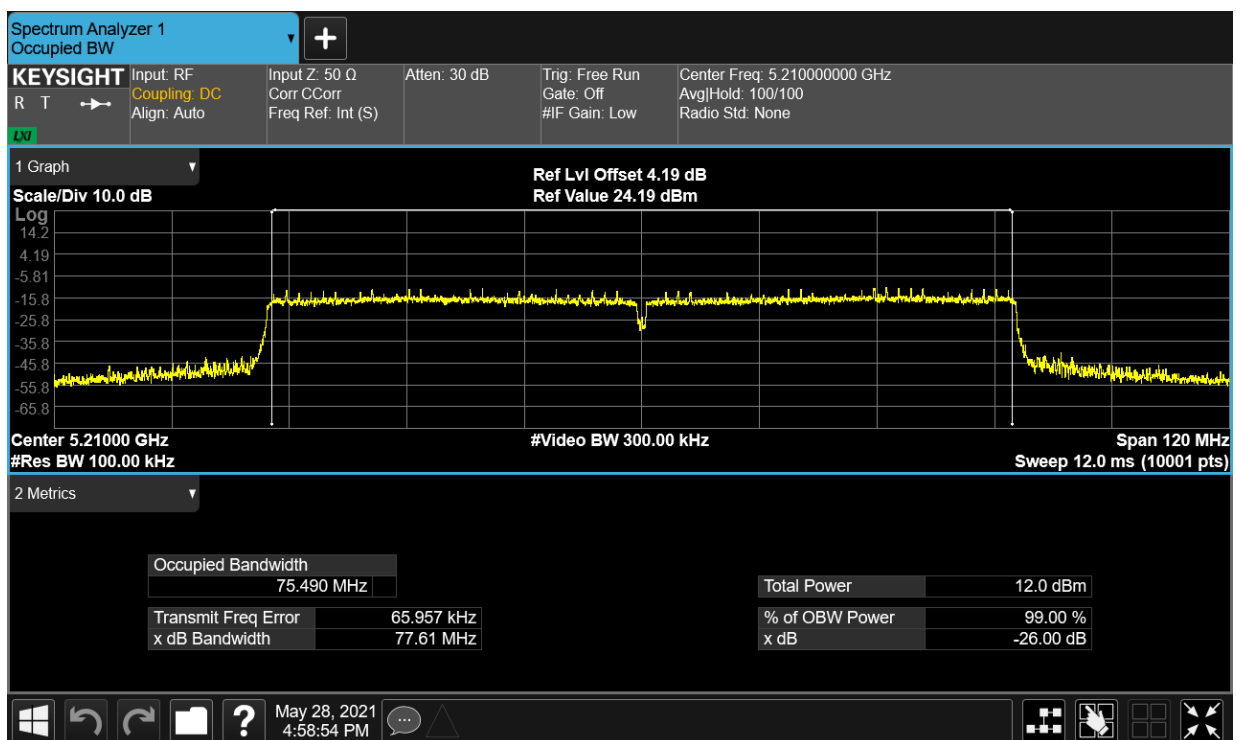
OBW NVNT ac40 5190MHz Ant1



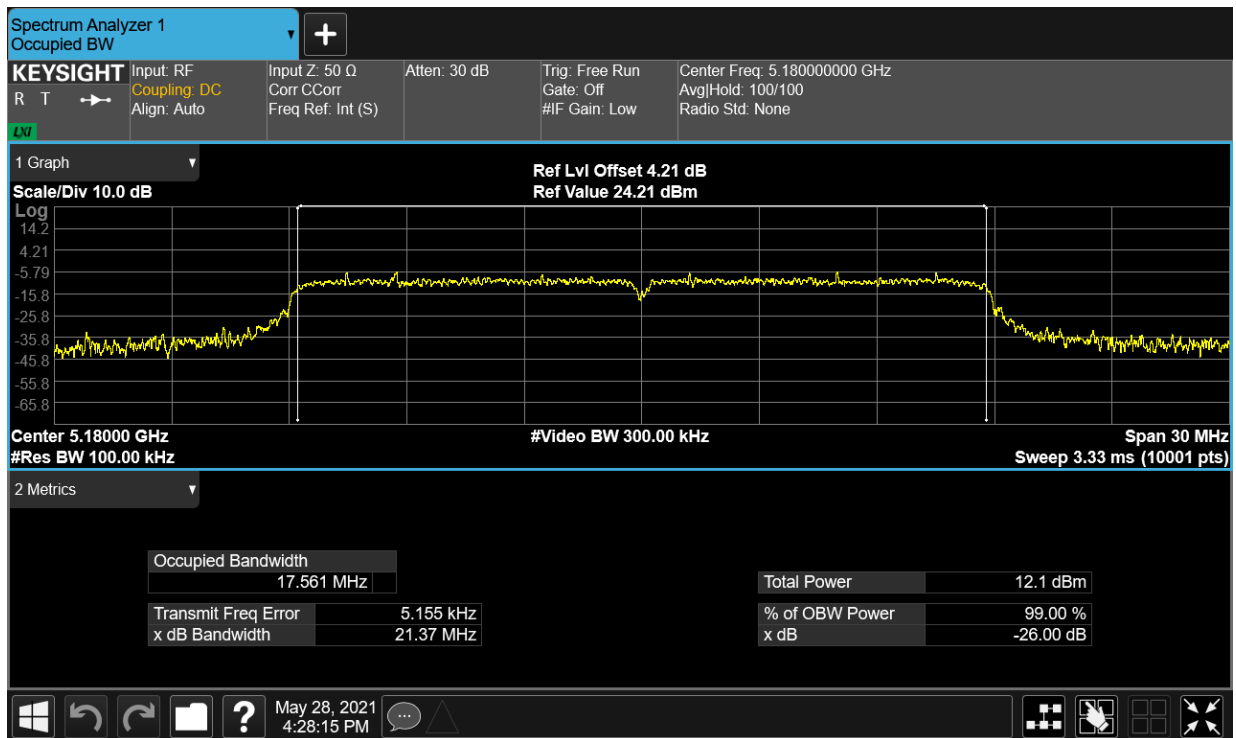
OBW NVNT ac40 5230MHz Ant1



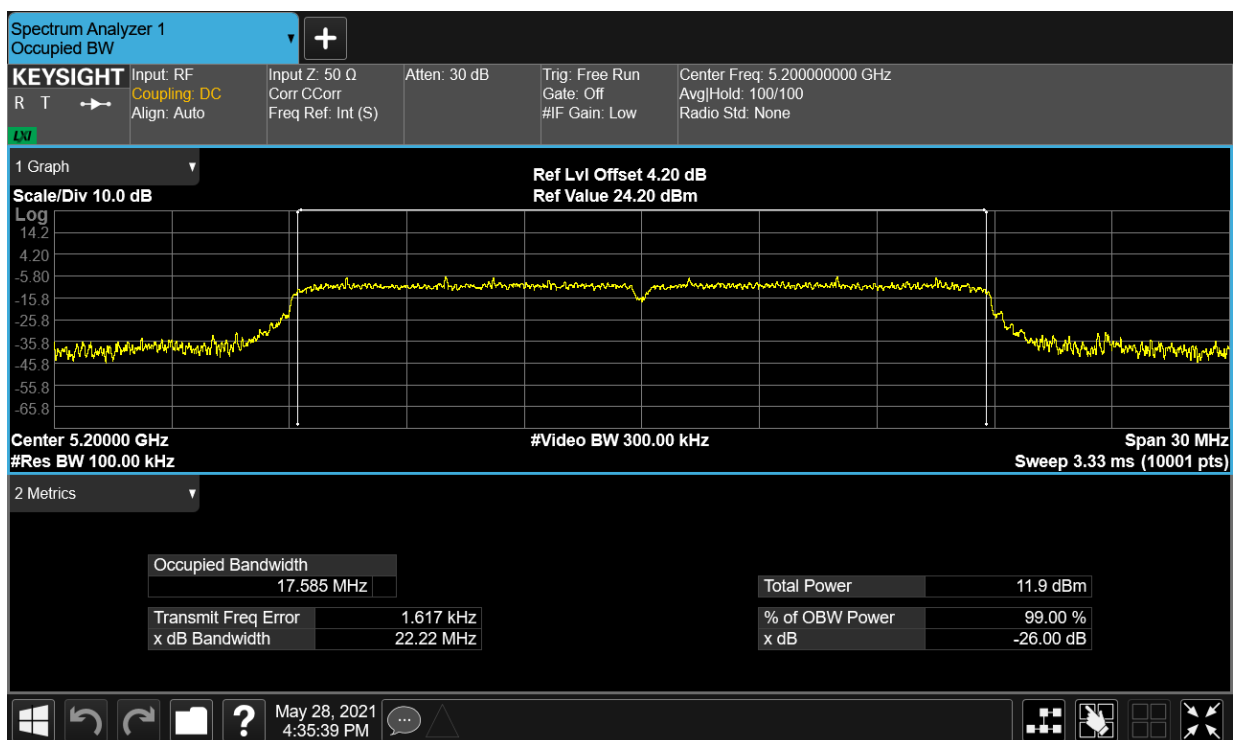
OBW NVNT ac80 5210MHz Ant1



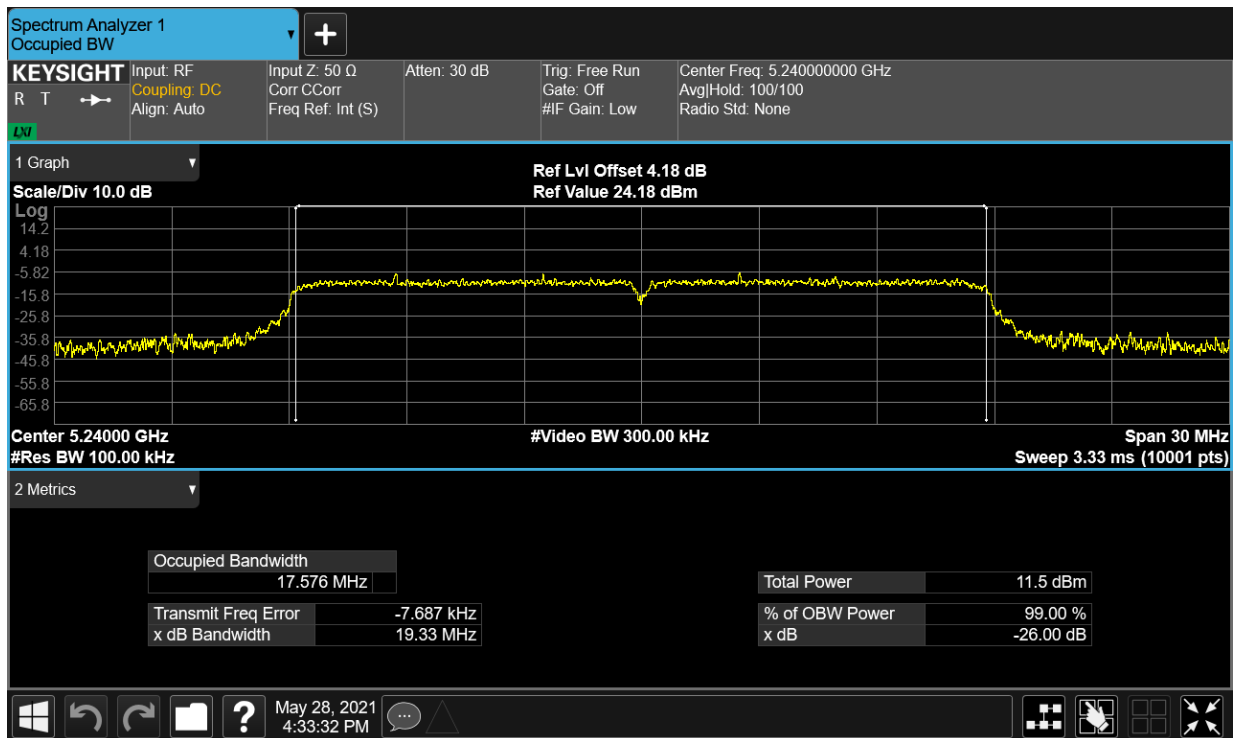
OBW NVNT n20 5180MHz Ant1



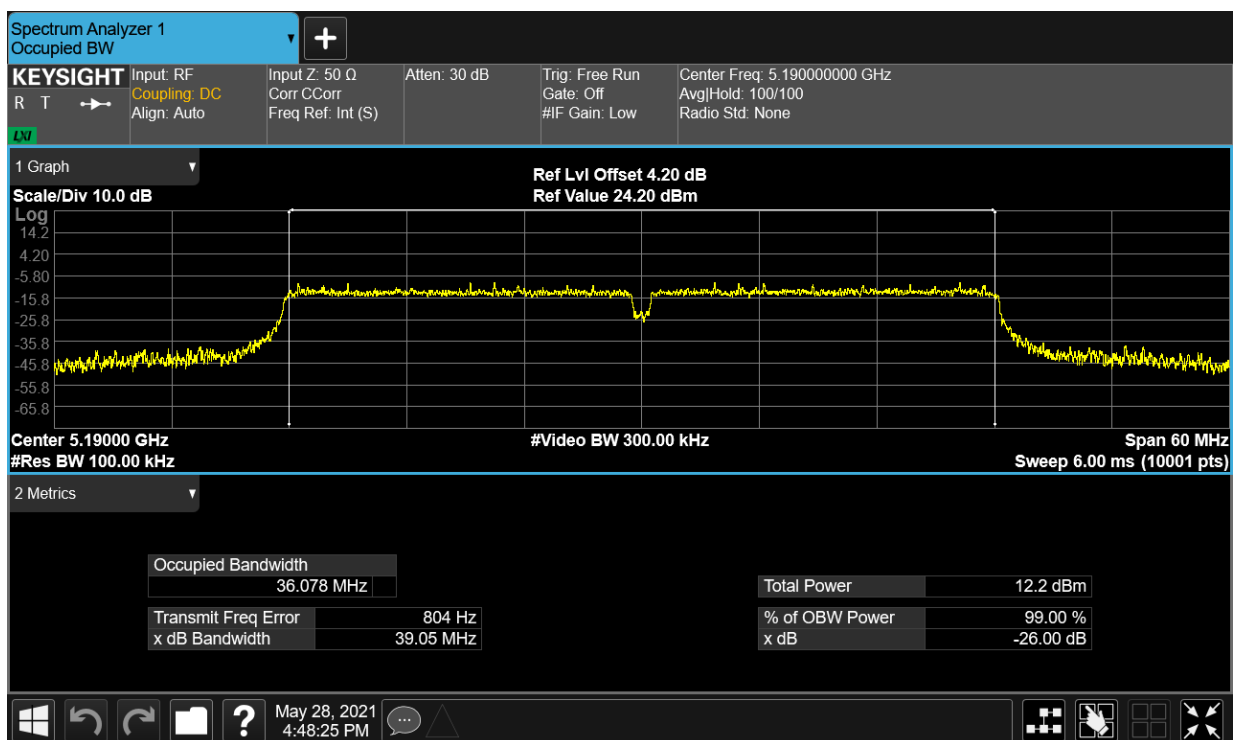
OBW NVNT n20 5200MHz Ant1



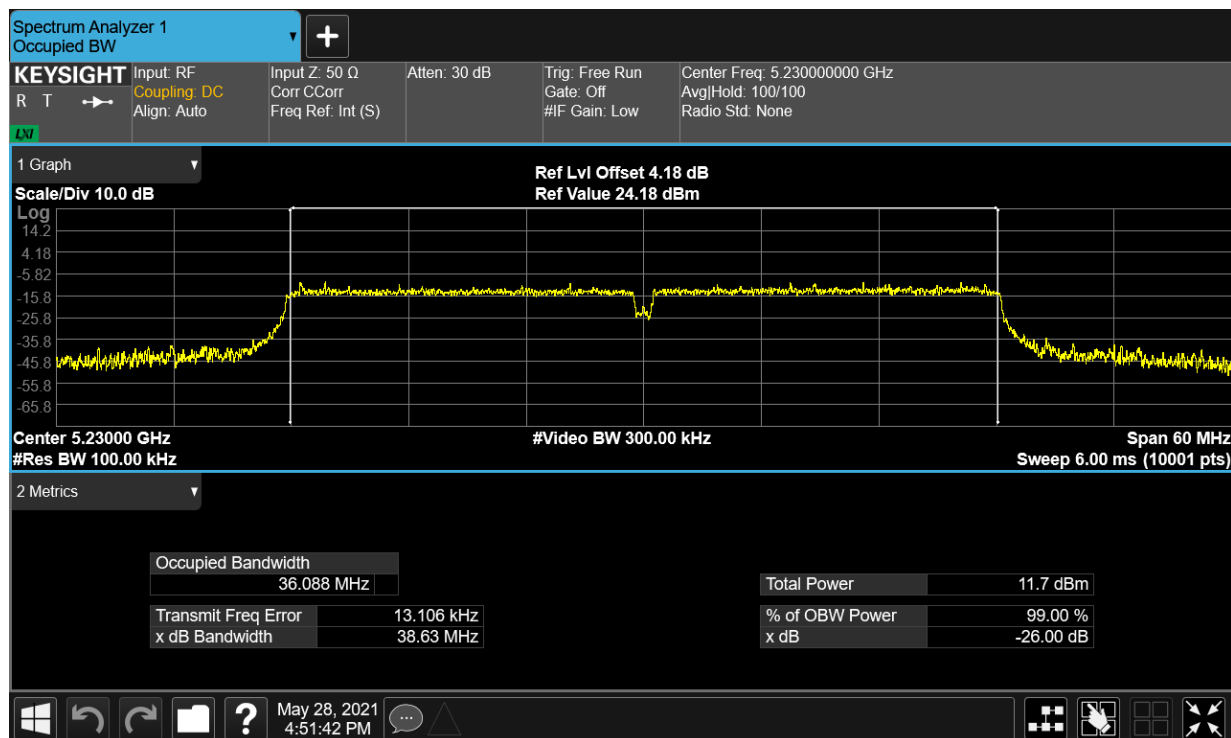
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



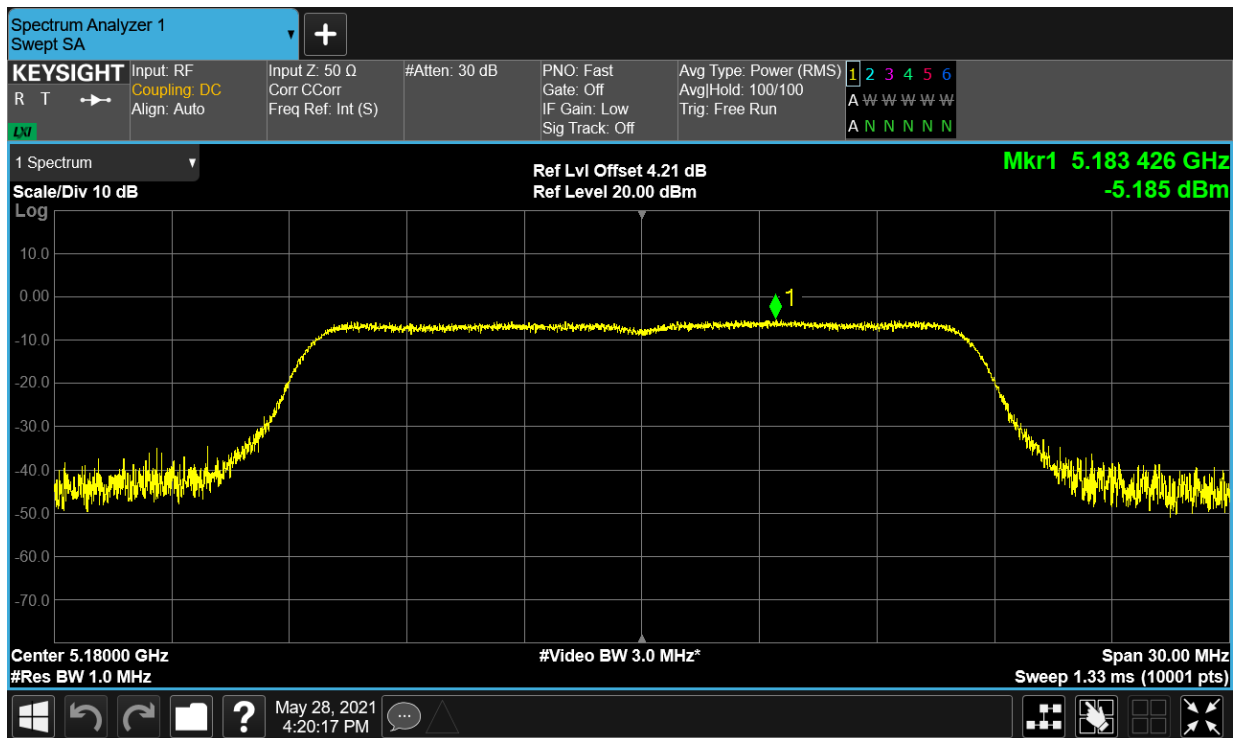
OBW NVNT n40 5230MHz Ant1



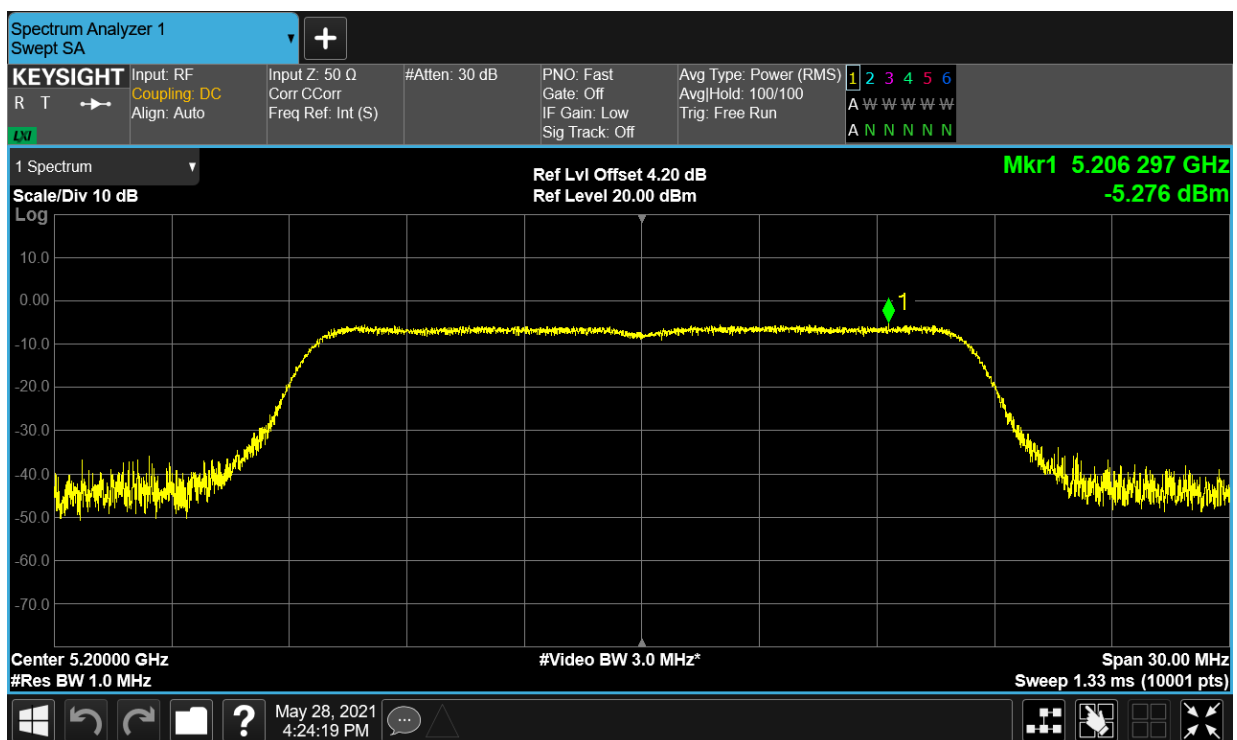
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-5.185	11	Pass
NVNT	a	5200	Ant1	-5.276	11	Pass
NVNT	a	5240	Ant1	-5.558	11	Pass
NVNT	ac20	5180	Ant1	-5.092	11	Pass
NVNT	ac20	5200	Ant1	-5.348	11	Pass
NVNT	ac20	5240	Ant1	-5.465	11	Pass
NVNT	ac40	5190	Ant1	-8.153	11	Pass
NVNT	ac40	5230	Ant1	-8.931	11	Pass
NVNT	ac80	5210	Ant1	-12.081	11	Pass
NVNT	n20	5180	Ant1	-5.16	11	Pass
NVNT	n20	5200	Ant1	-5.261	11	Pass
NVNT	n20	5240	Ant1	-5.397	11	Pass
NVNT	n40	5190	Ant1	-8.381	11	Pass
NVNT	n40	5230	Ant1	-9.086	11	Pass

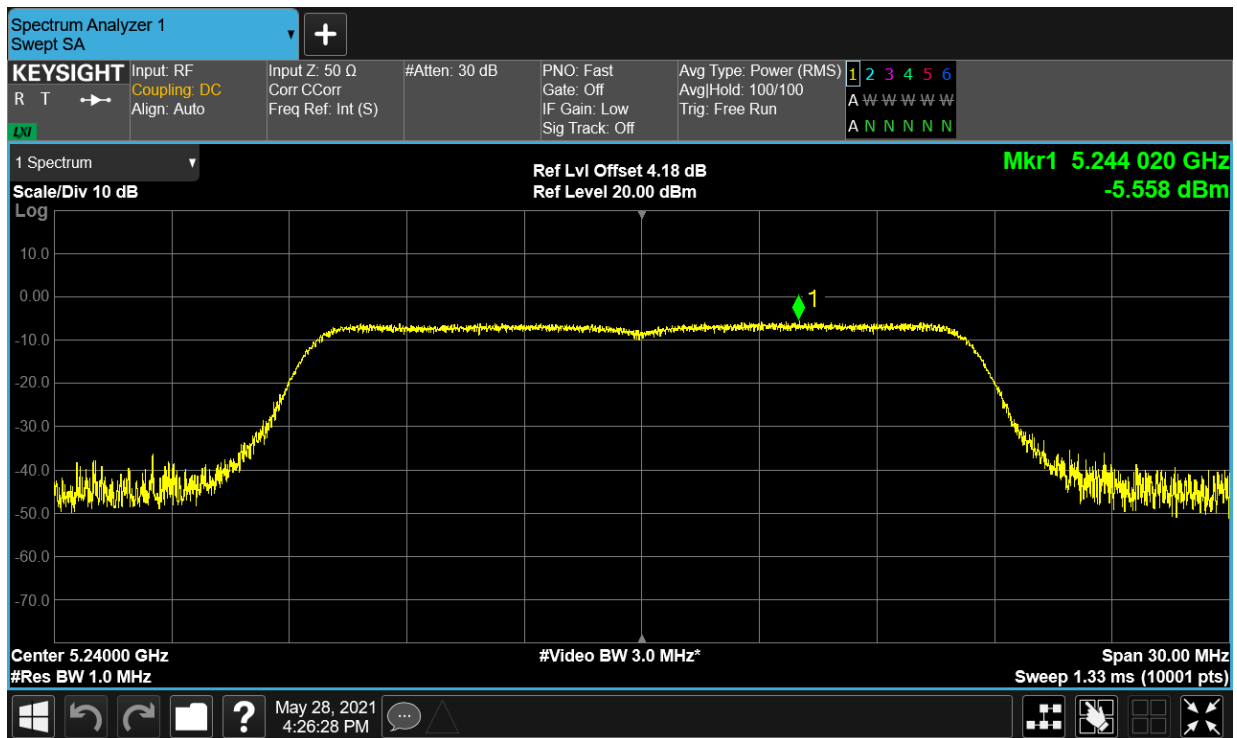
PSD NVNT a 5180MHz Ant1



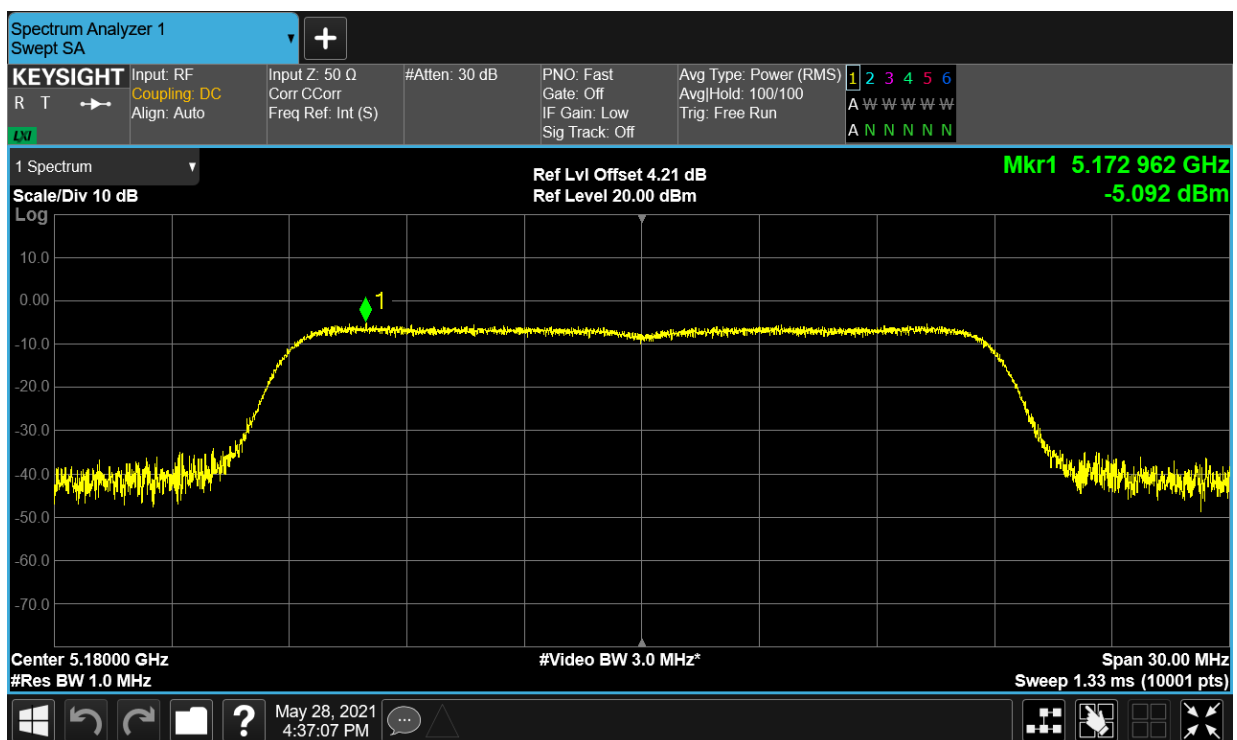
PSD NVNT a 5200MHz Ant1



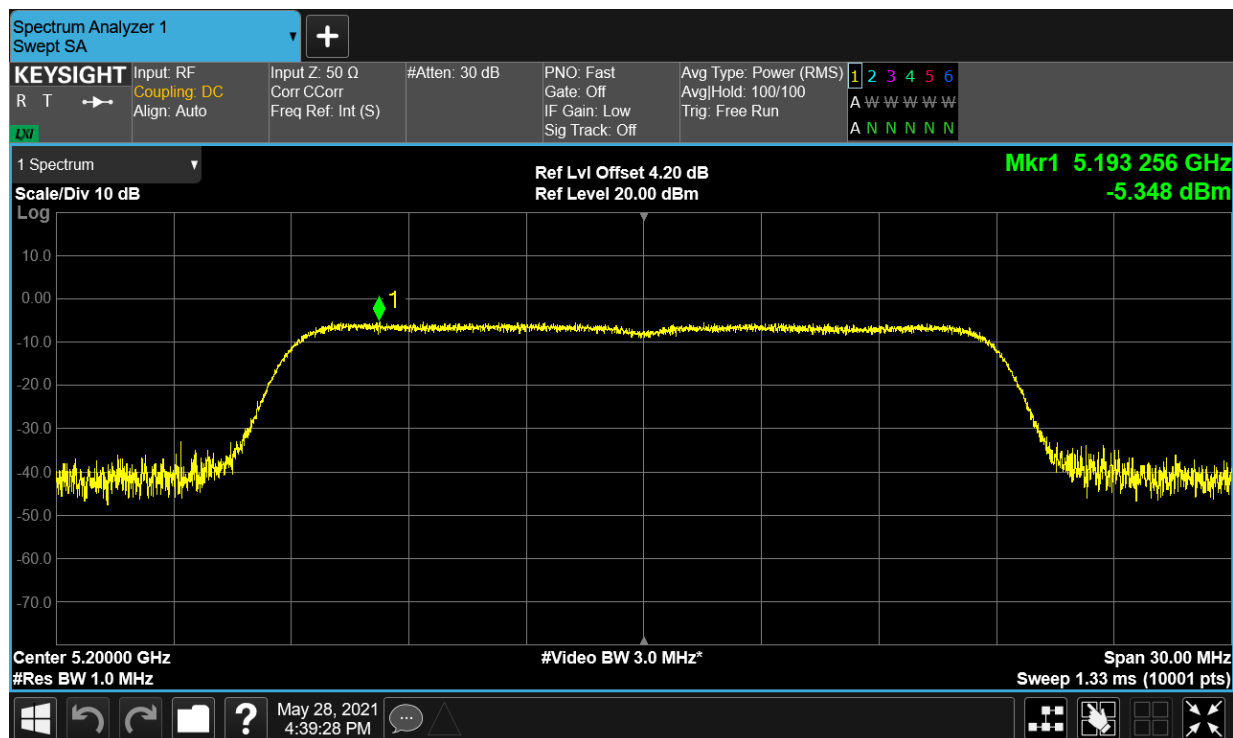
PSD NVNT a 5240MHz Ant1



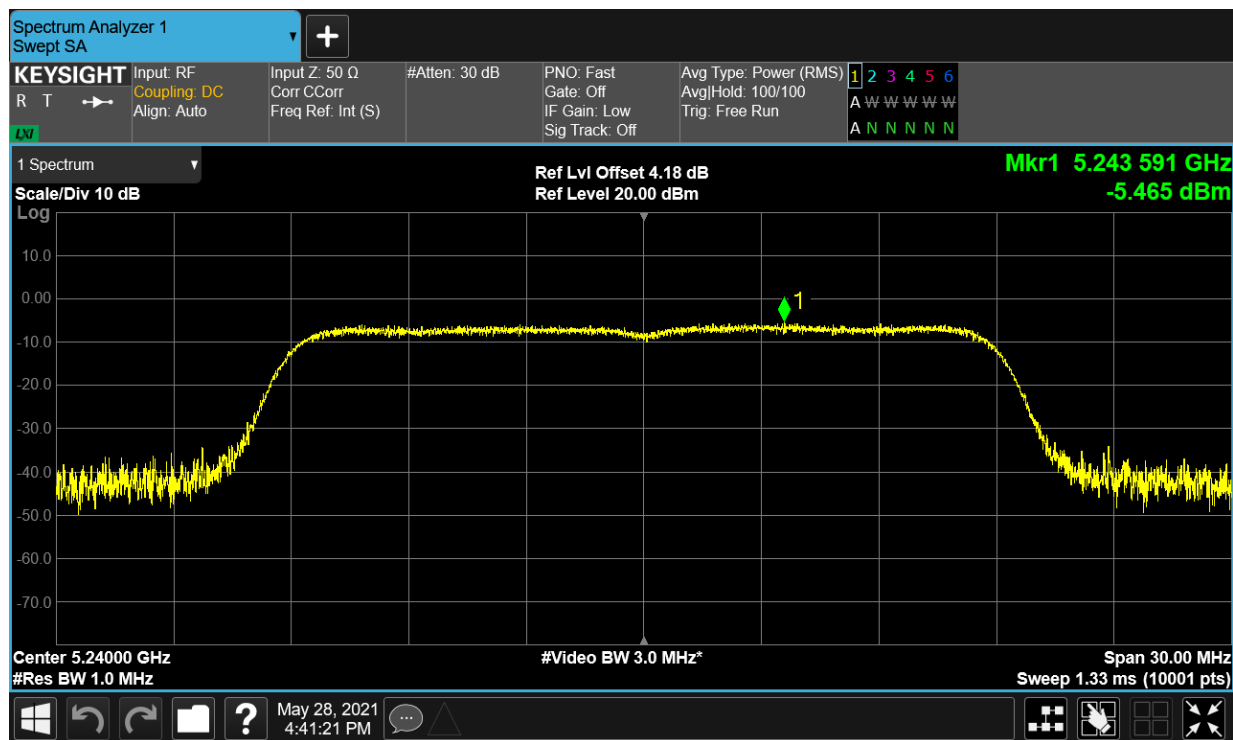
PSD NVNT ac20 5180MHz Ant1



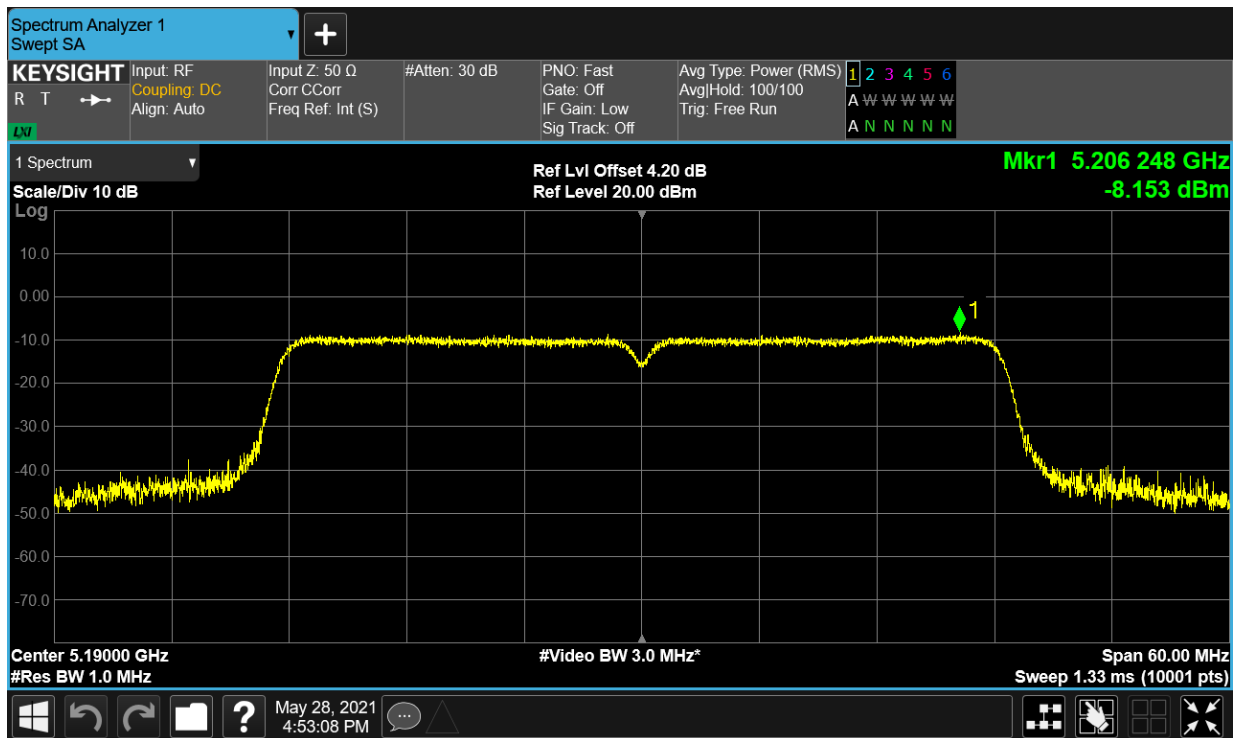
PSD NVNT ac20 5200MHz Ant1



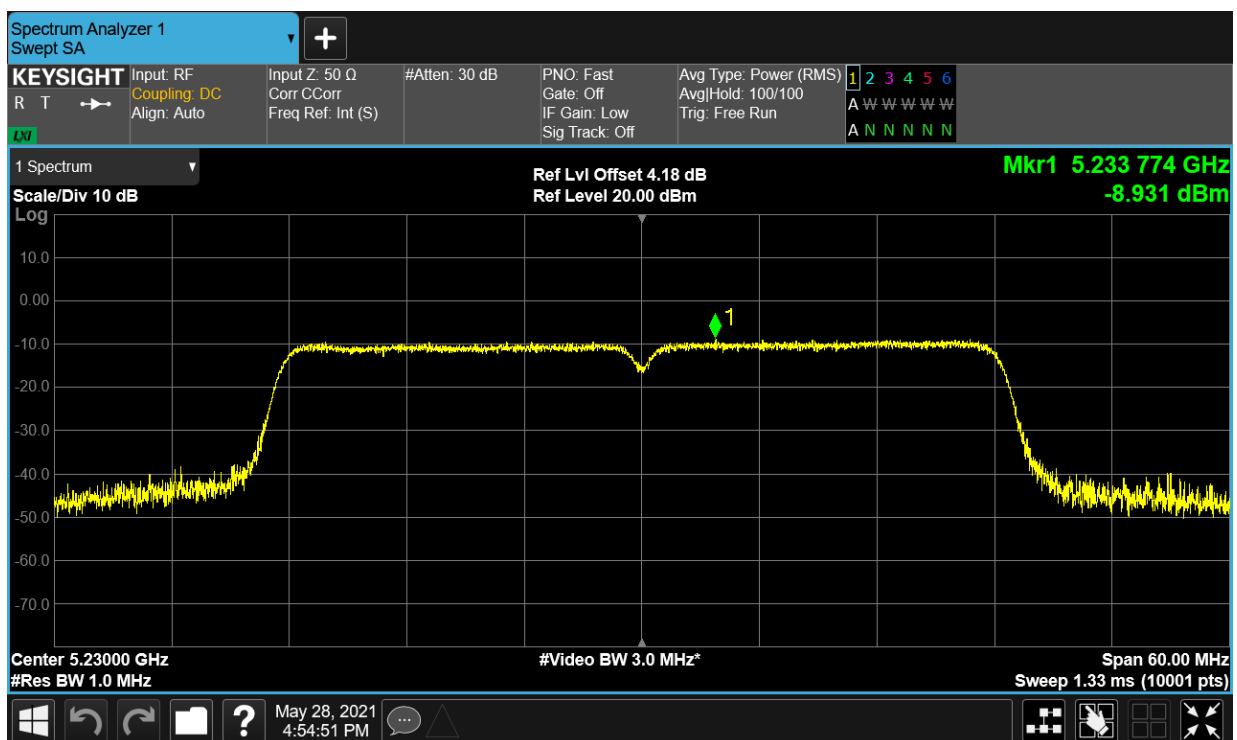
PSD NVNT ac20 5240MHz Ant1



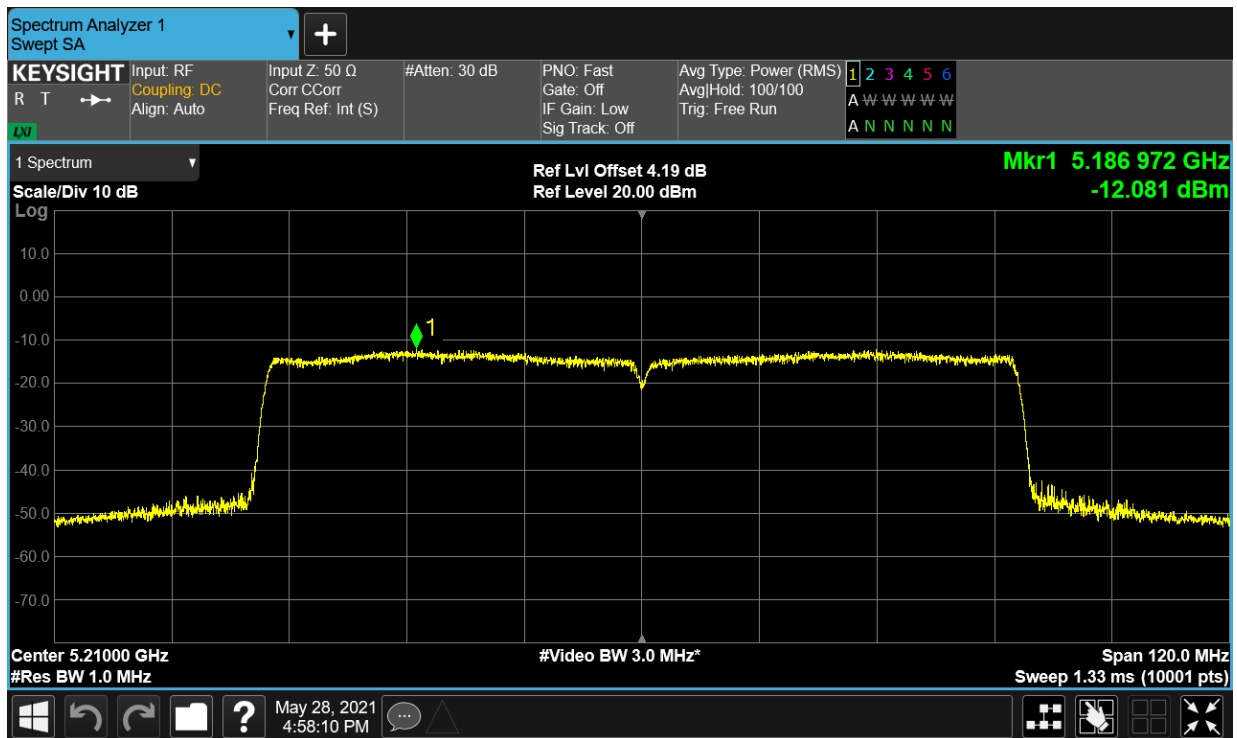
PSD NVNT ac40 5190MHz Ant1



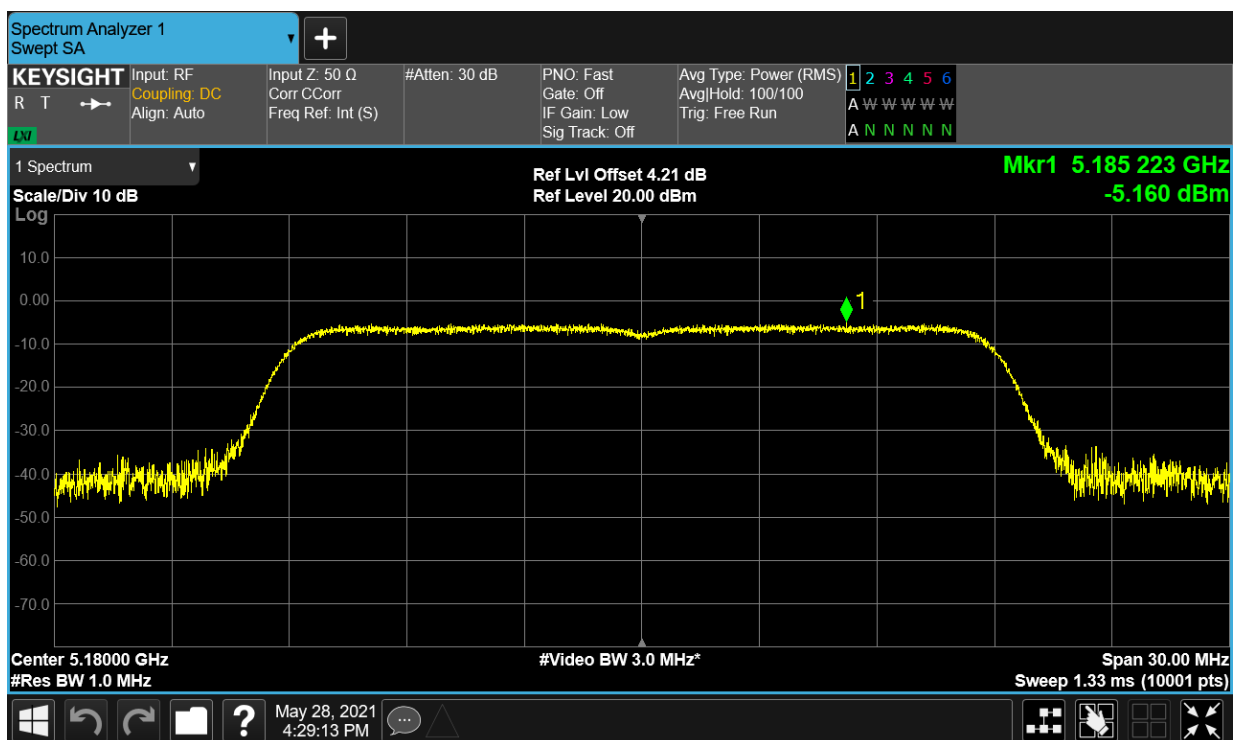
PSD NVNT ac40 5230MHz Ant1



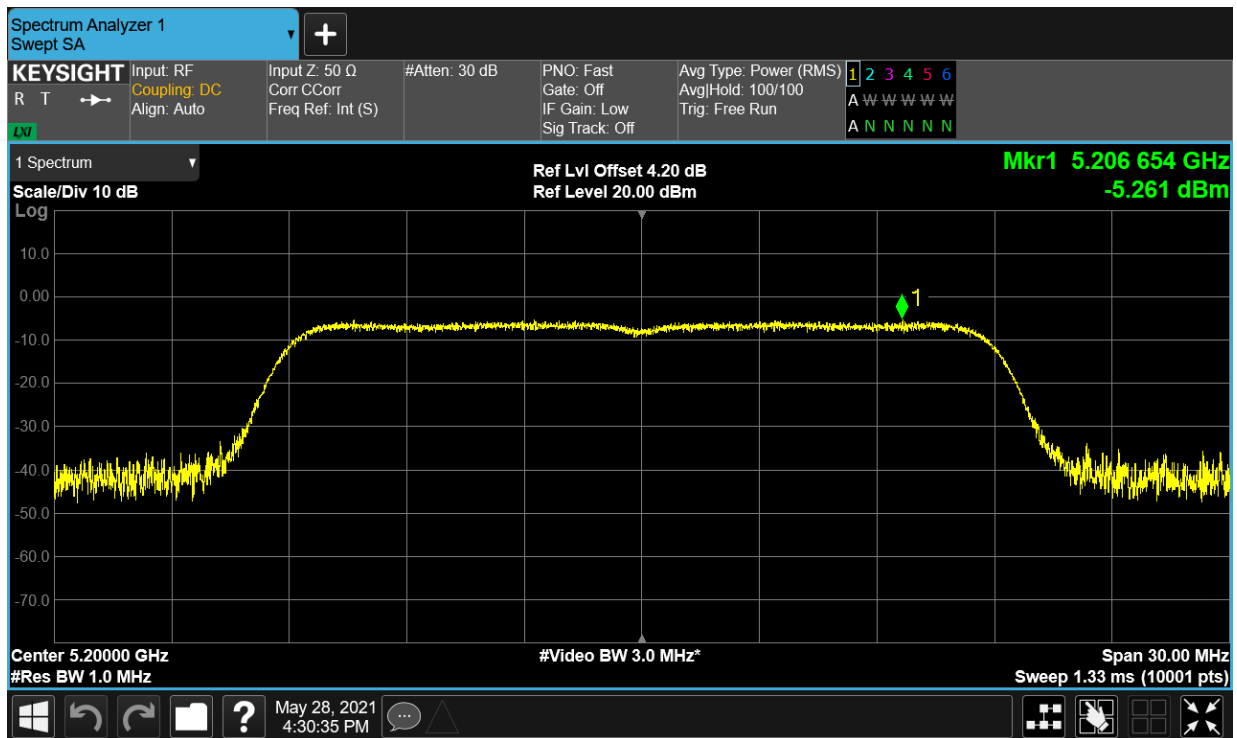
PSD NVNT ac80 5210MHz Ant1



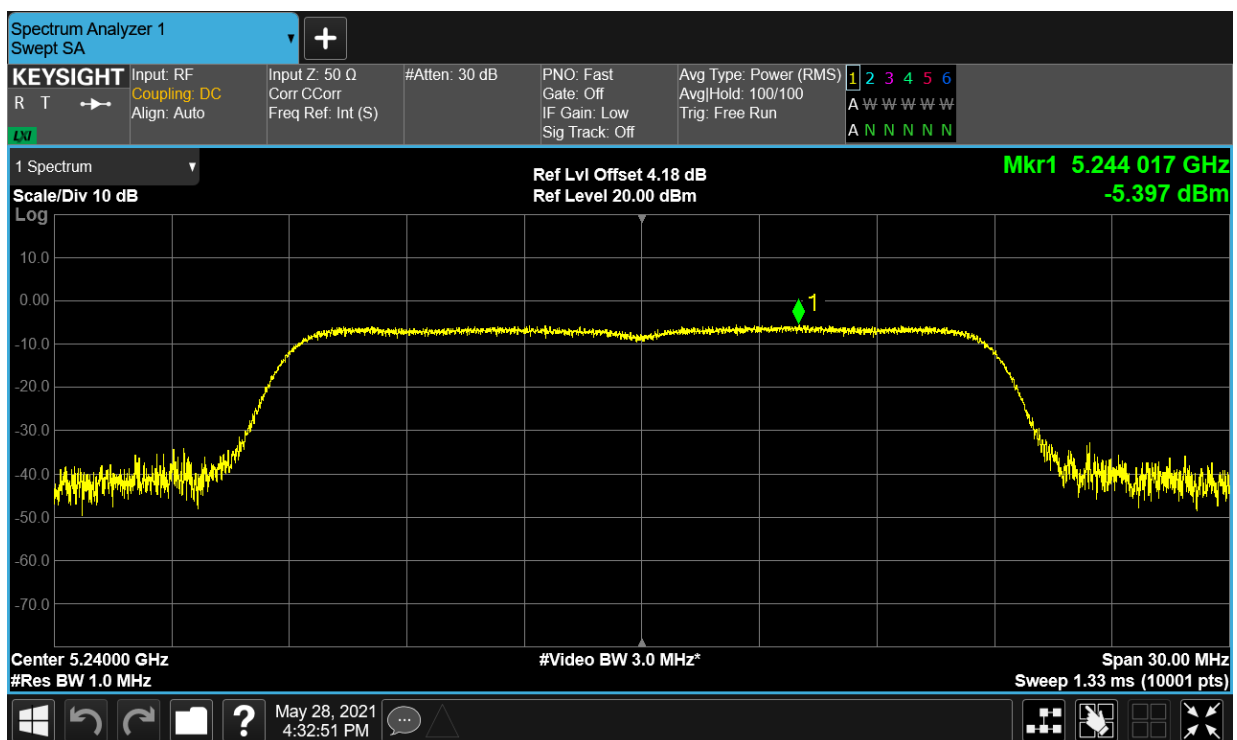
PSD NVNT n20 5180MHz Ant1



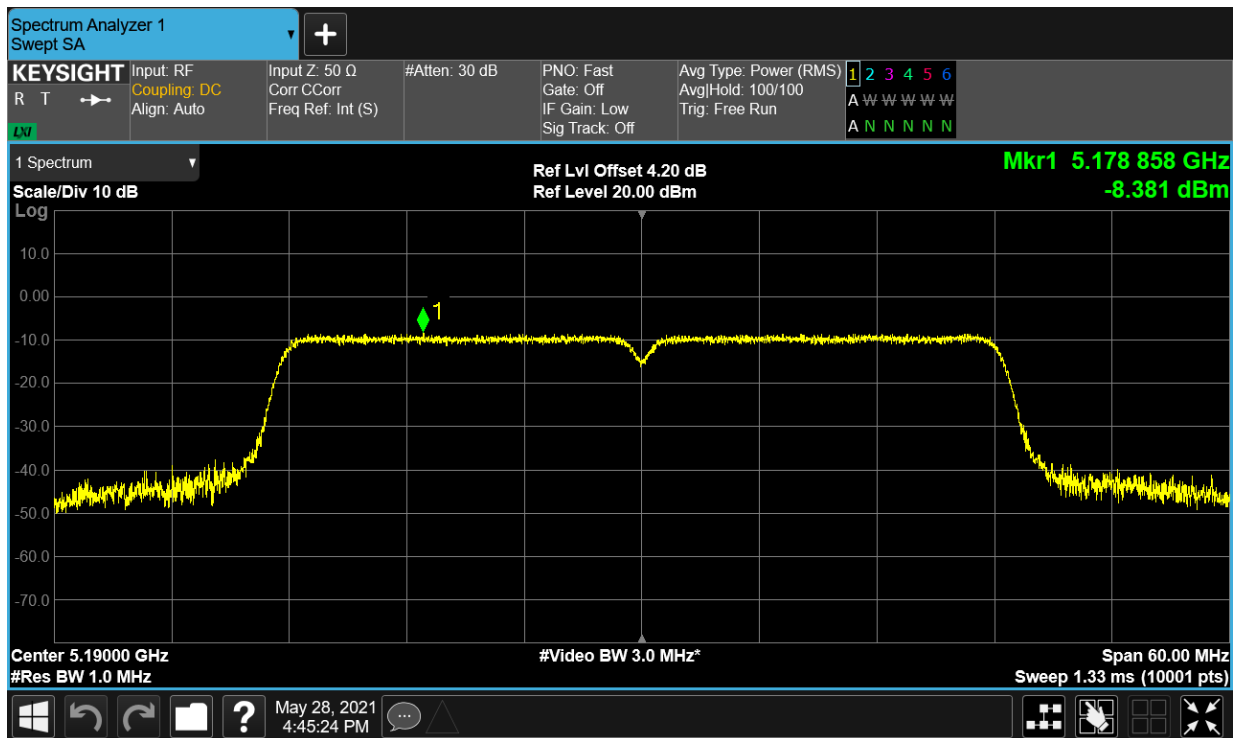
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

