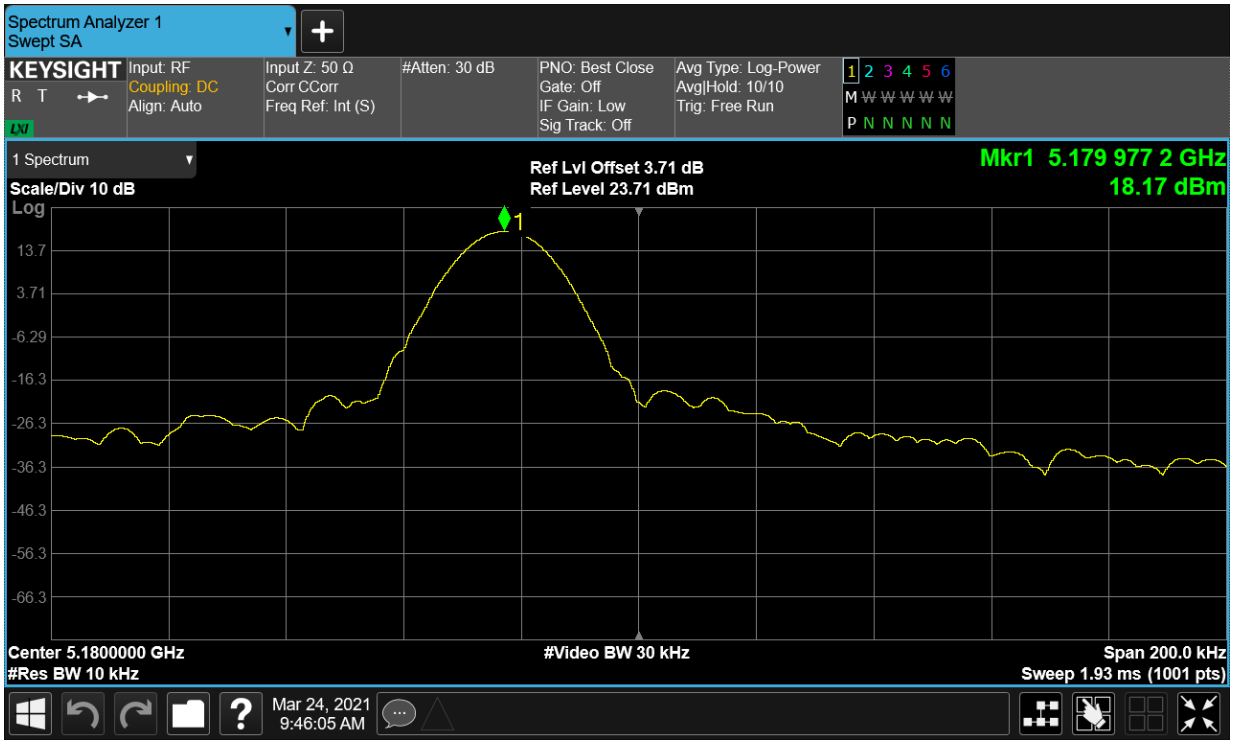
Test Data

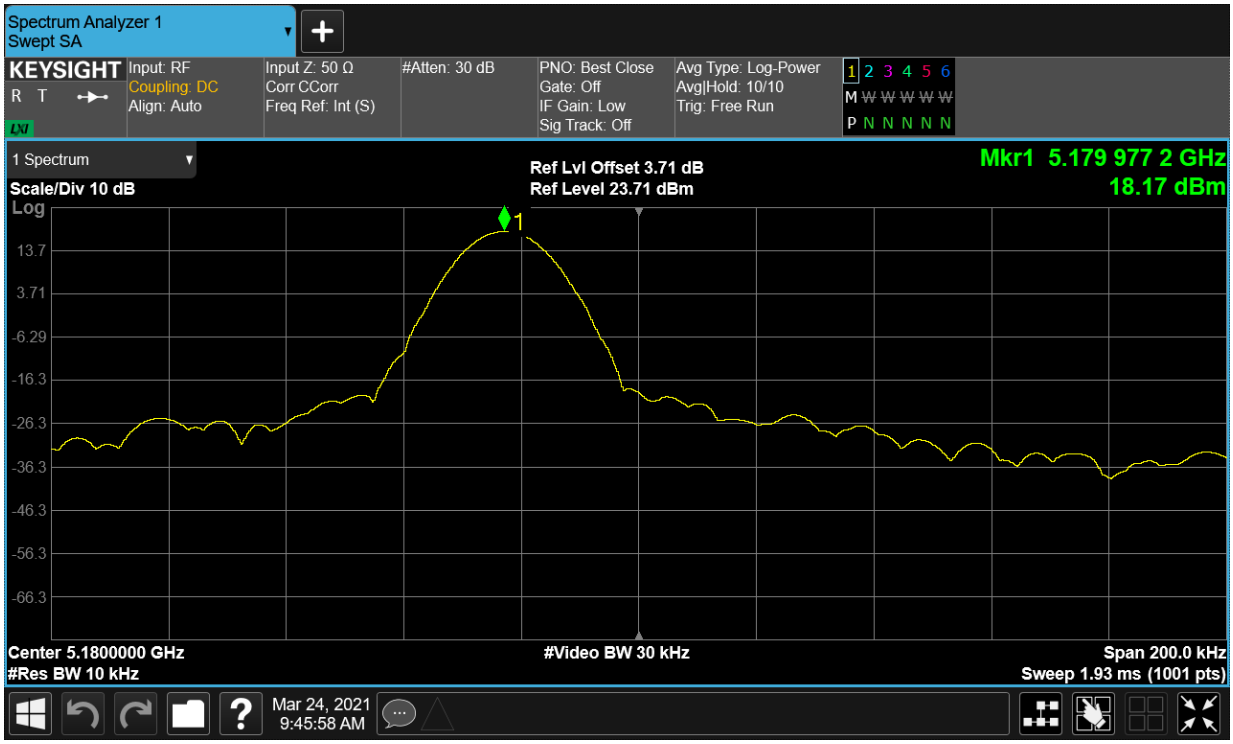
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5180	Ant1	5179.9772	-4.4	25	Pass
HVLT	a	5180	Ant1	5179.9772	-4.4	25	Pass
LVHT	a	5180	Ant1	5179.9774	-4.36	25	Pass
LVLT	a	5180	Ant1	5179.9774	-4.36	25	Pass
NVNT	a	5180	Ant1	5179.978	-4.25	25	Pass
HVHT	ac80	5210	Ant1	5209.977	-4.41	25	Pass
HVLT	ac80	5210	Ant1	5209.977	-4.41	25	Pass
LVHT	ac80	5210	Ant1	5209.9772	-4.38	25	Pass
LVLT	ac80	5210	Ant1	5209.9774	-4.34	25	Pass
NVNT	ac80	5210	Ant1	5209.9782	-4.18	25	Pass
HVHT	n40	5190	Ant1	5189.977	-4.43	25	Pass
HVLT	n40	5190	Ant1	5189.977	-4.43	25	Pass
LVHT	n40	5190	Ant1	5189.9772	-4.39	25	Pass
LVLT	n40	5190	Ant1	5189.9772	-4.39	25	Pass
NVNT	n40	5190	Ant1	5189.9774	-4.35	25	Pass

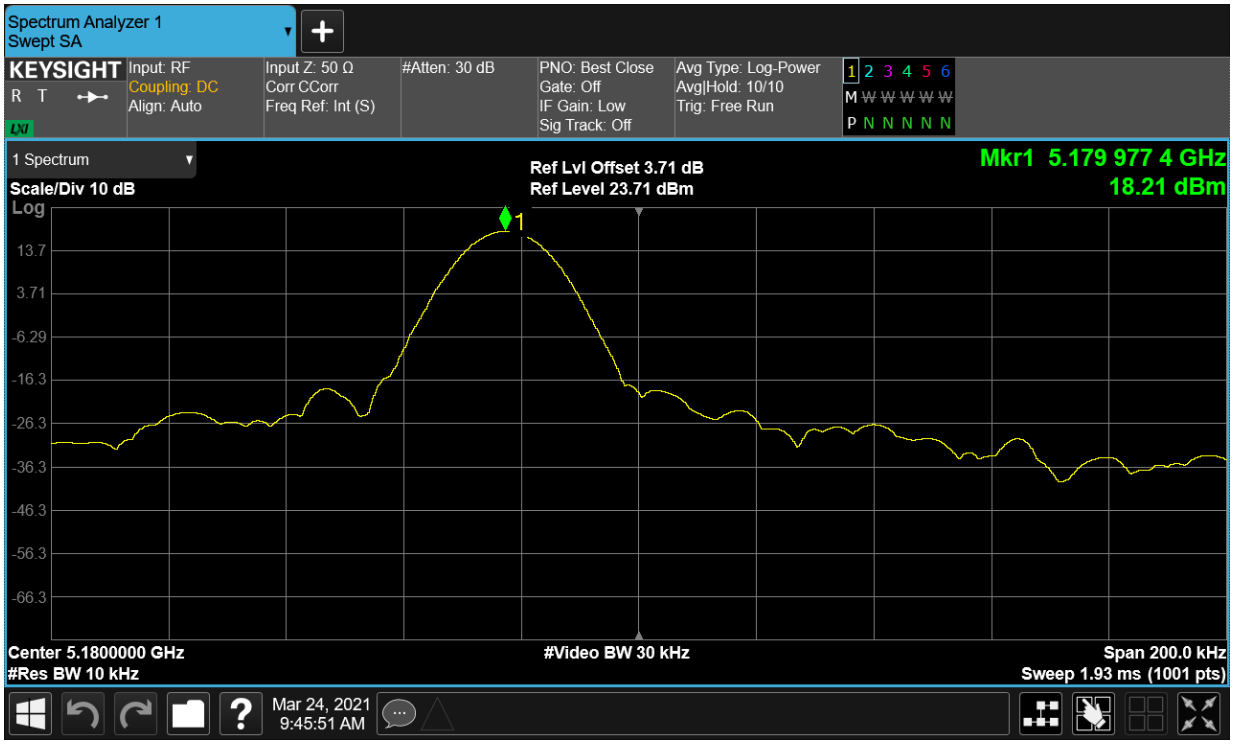
Freq. Stability HVHT a 5180MHz Ant1



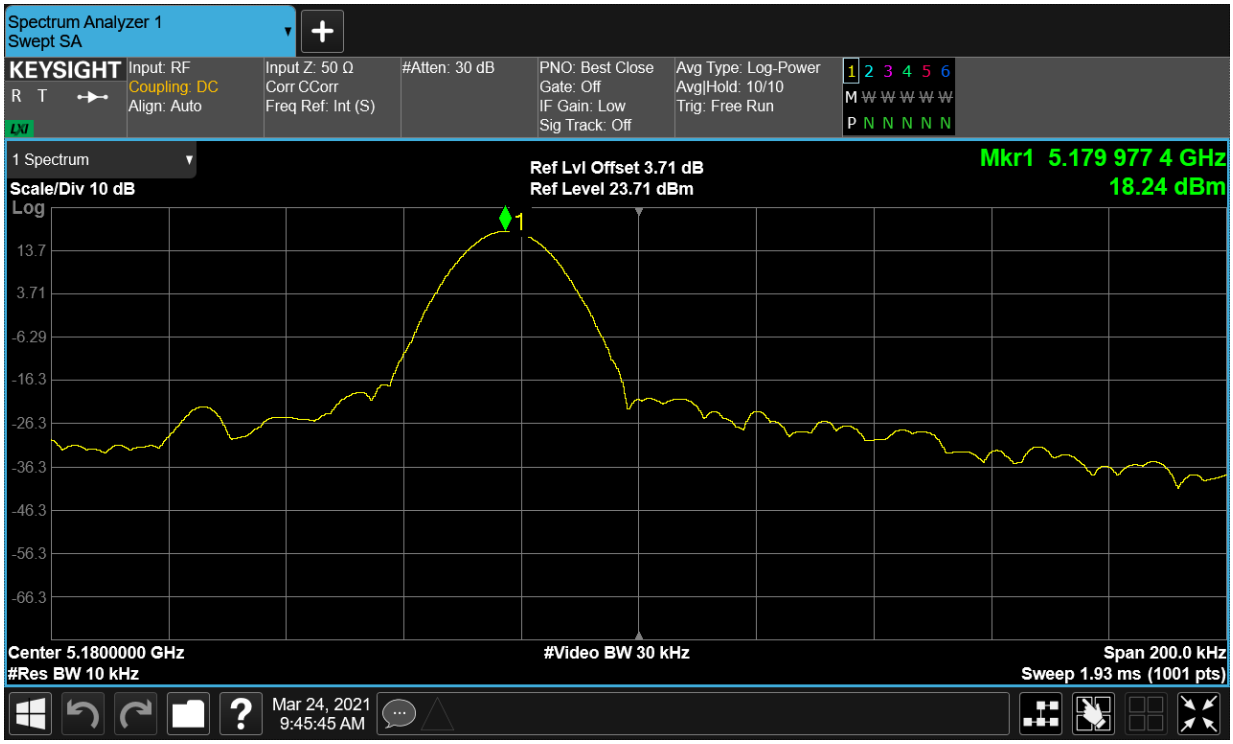
Freq. Stability HVLT a 5180MHz Ant1



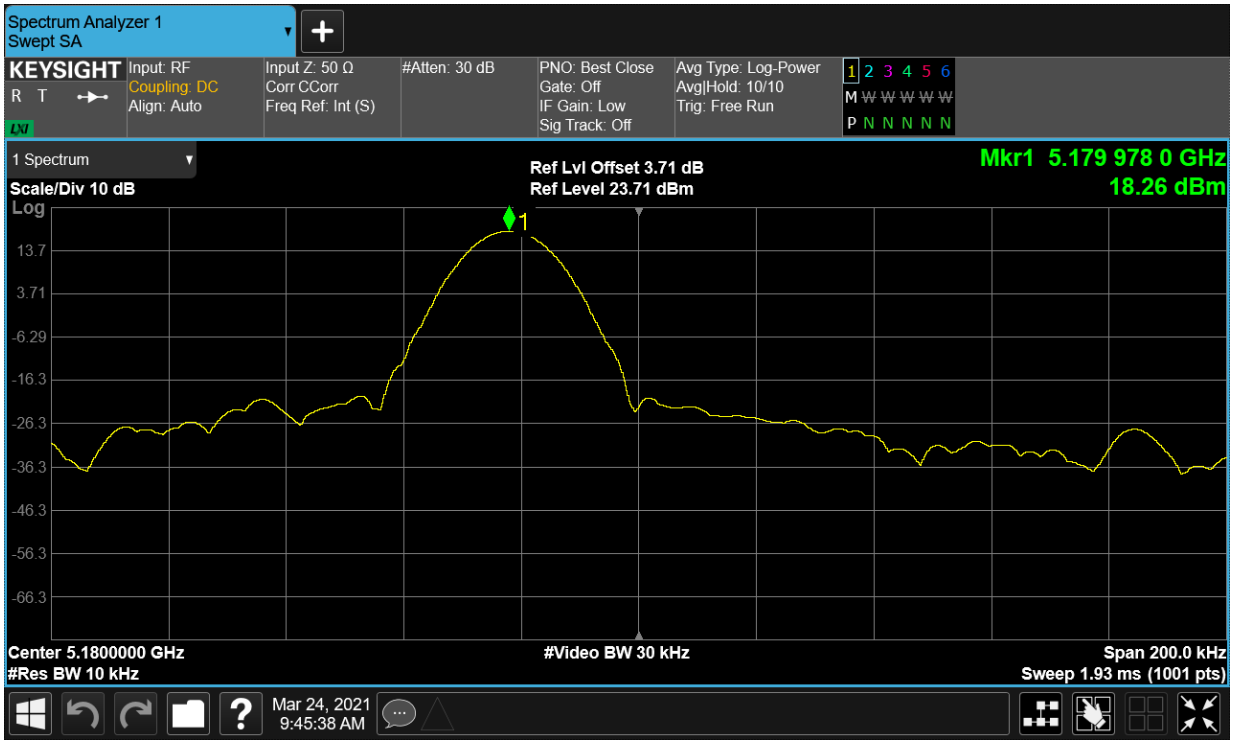
Freq. Stability LVHT a 5180MHz Ant1



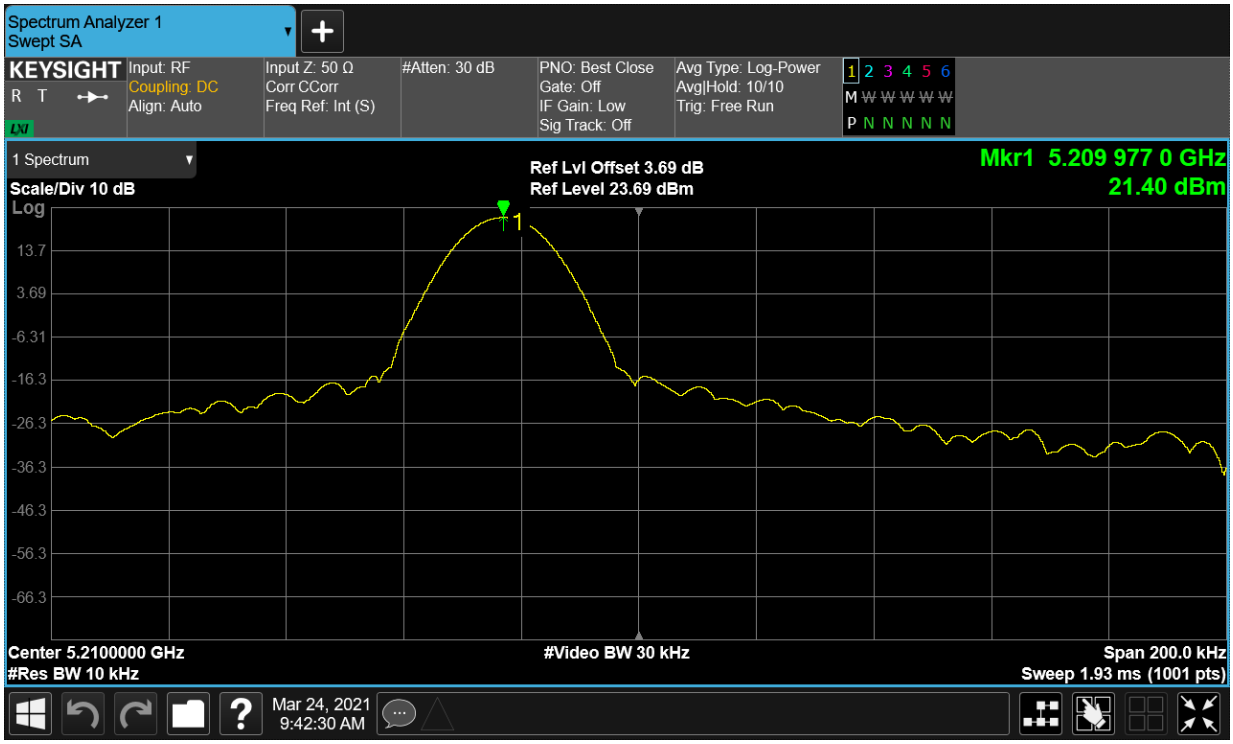
Freq. Stability LVLT a 5180MHz Ant1



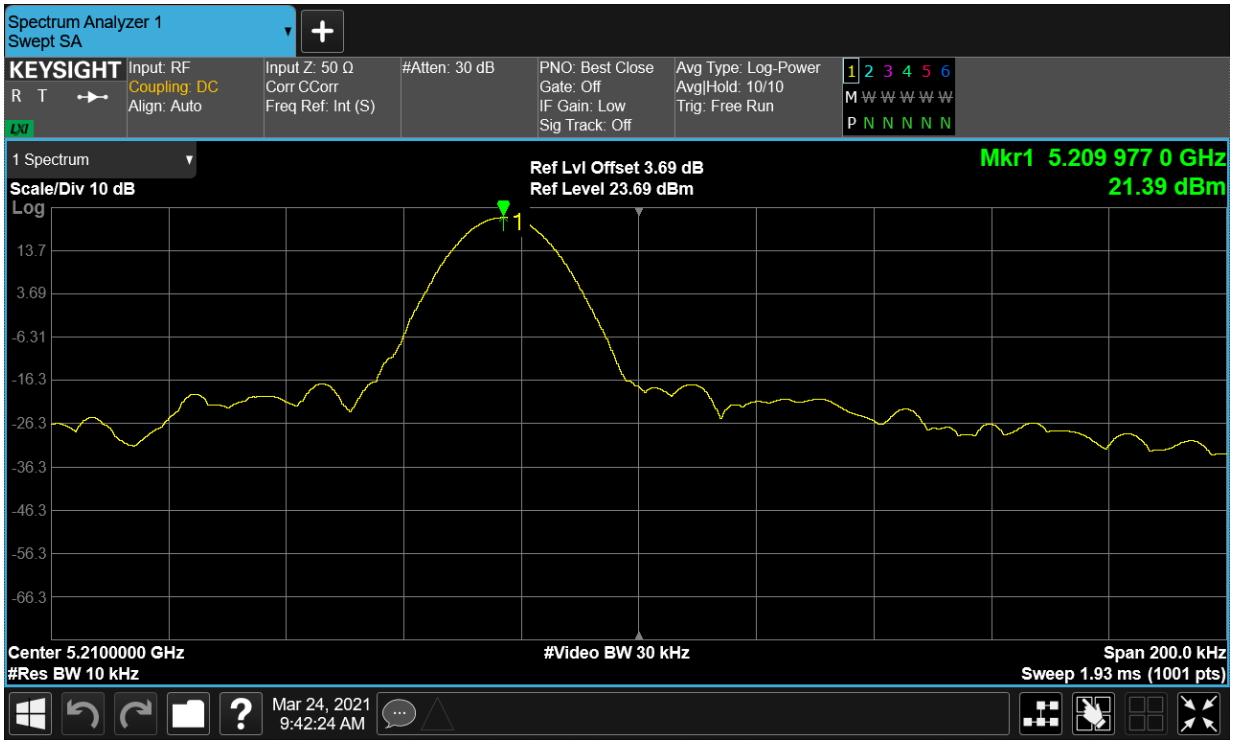
Freq. Stability NVNT a 5180MHz Ant1



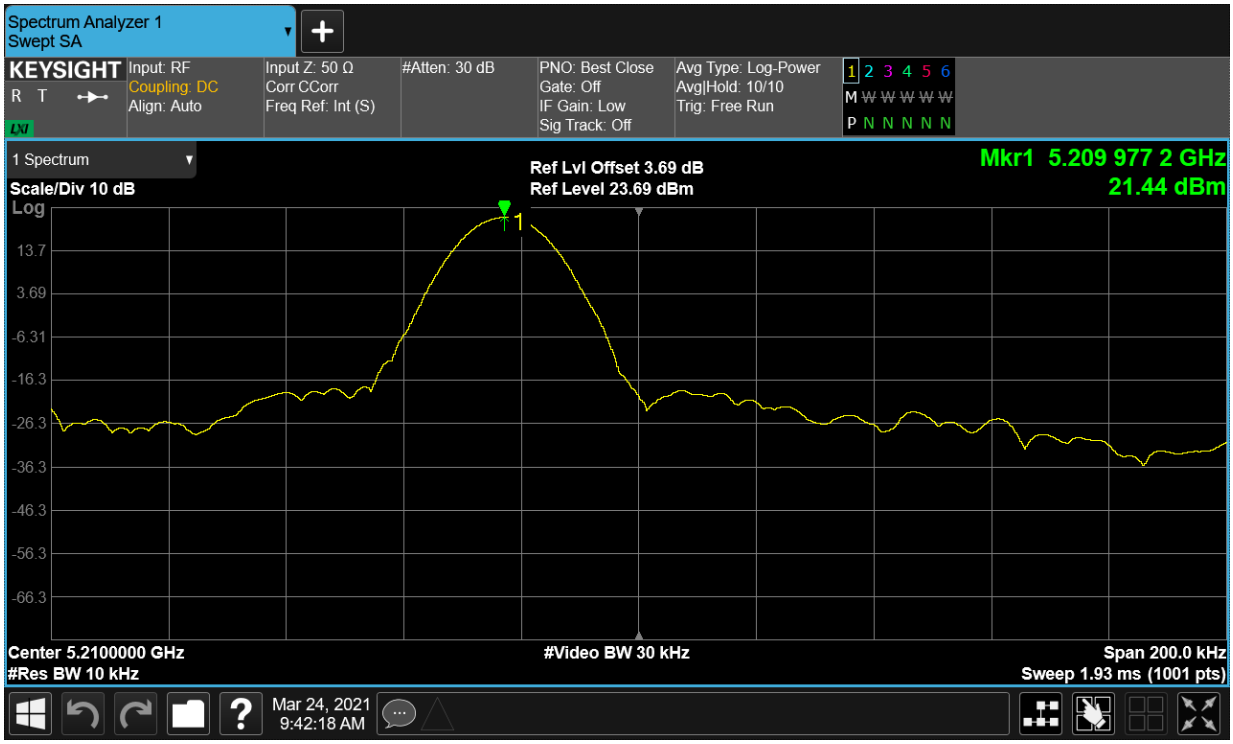
Freq. Stability HVHT ac80 5210MHz Ant1



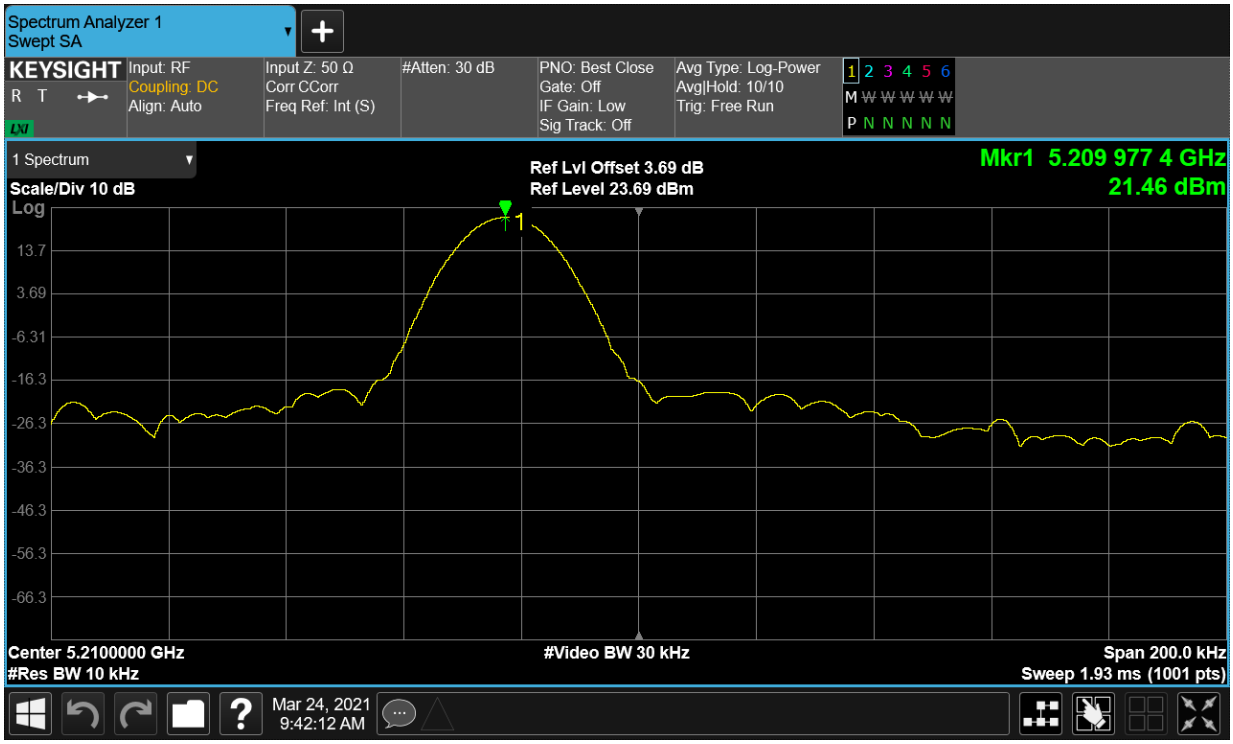
Freq. Stability HVLT ac80 5210MHz Ant1



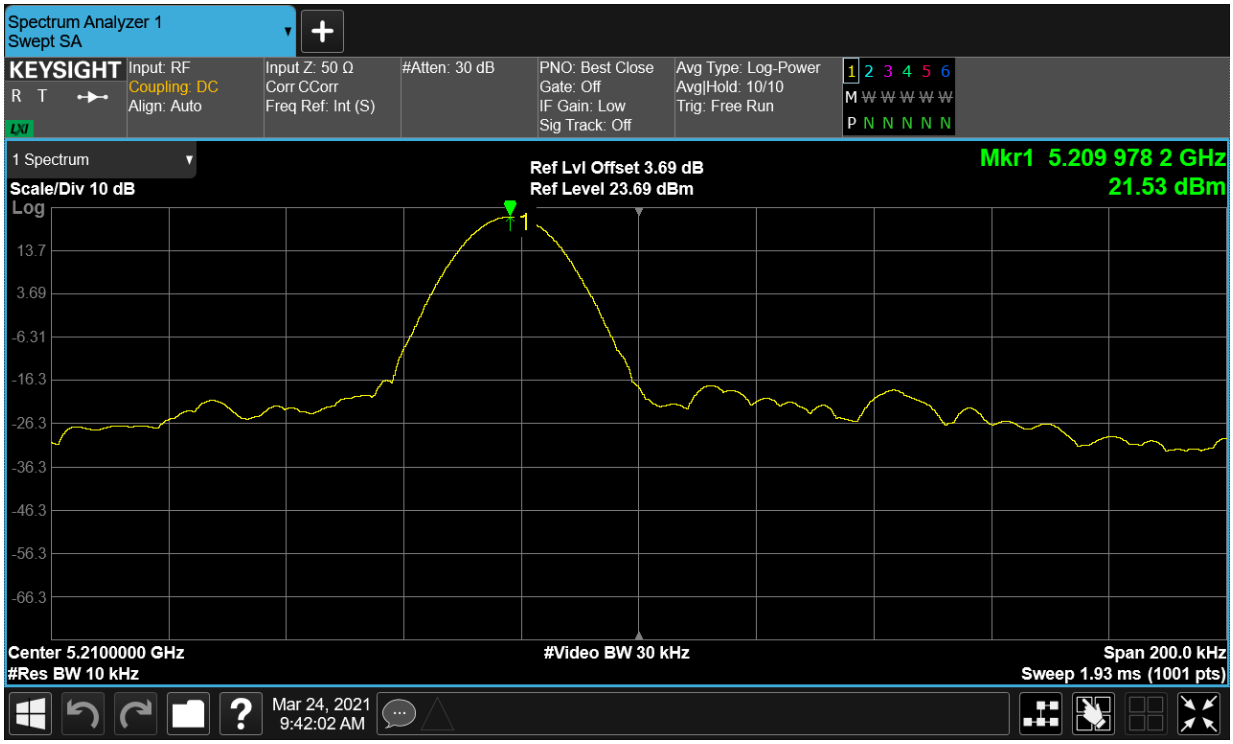
Freq. Stability LVHT ac80 5210MHz Ant1



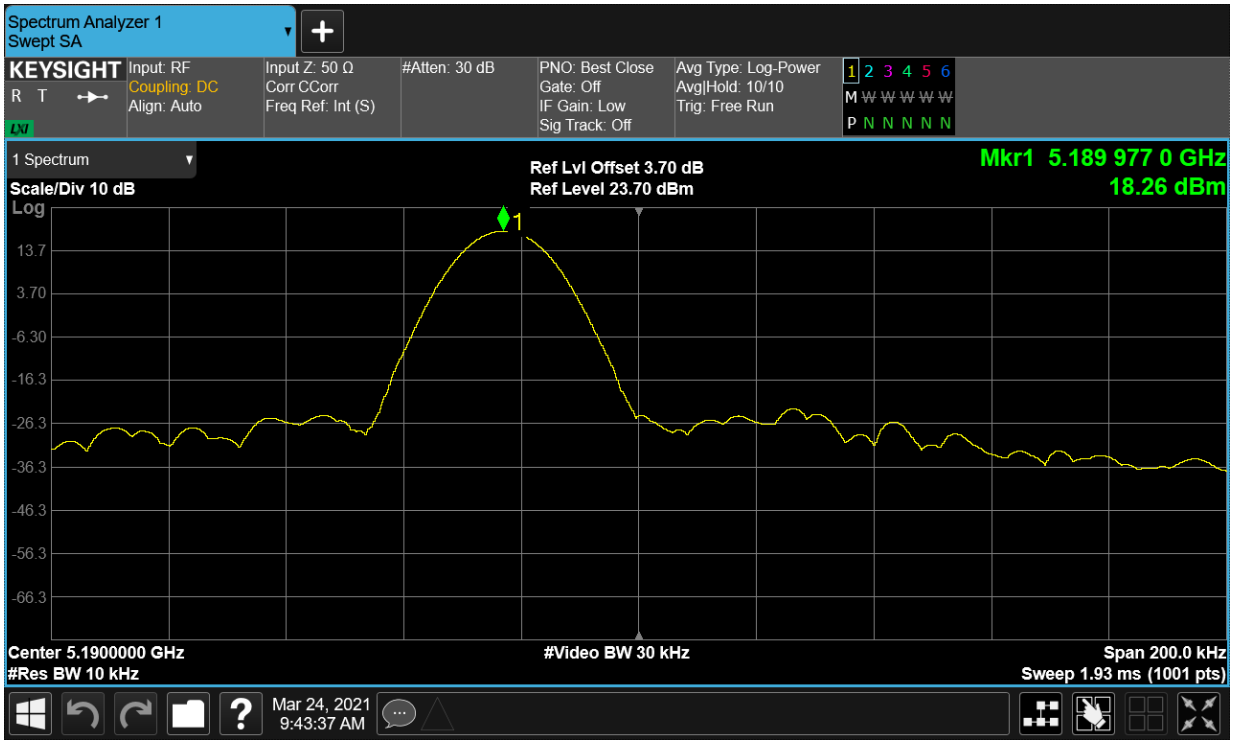
Freq. Stability LVLT ac80 5210MHz Ant1



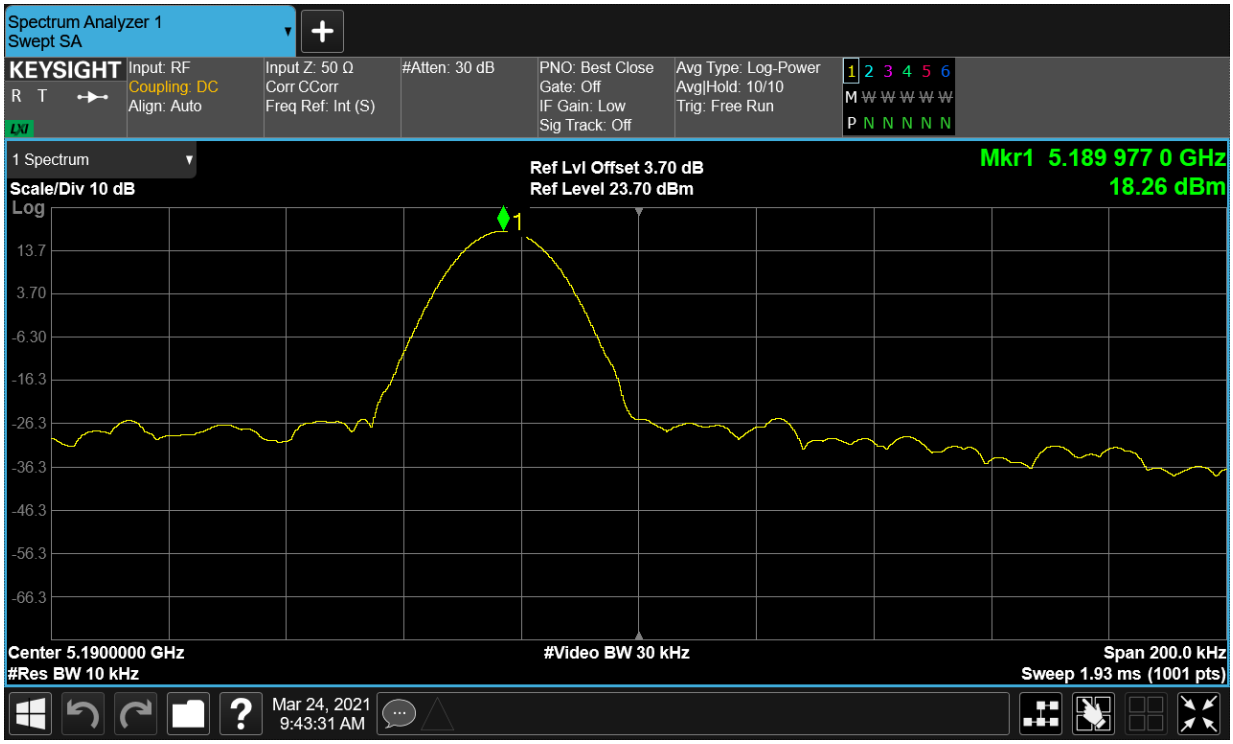
Freq. Stability NVNT ac80 5210MHz Ant1



Freq. Stability HVHT n40 5190MHz Ant1

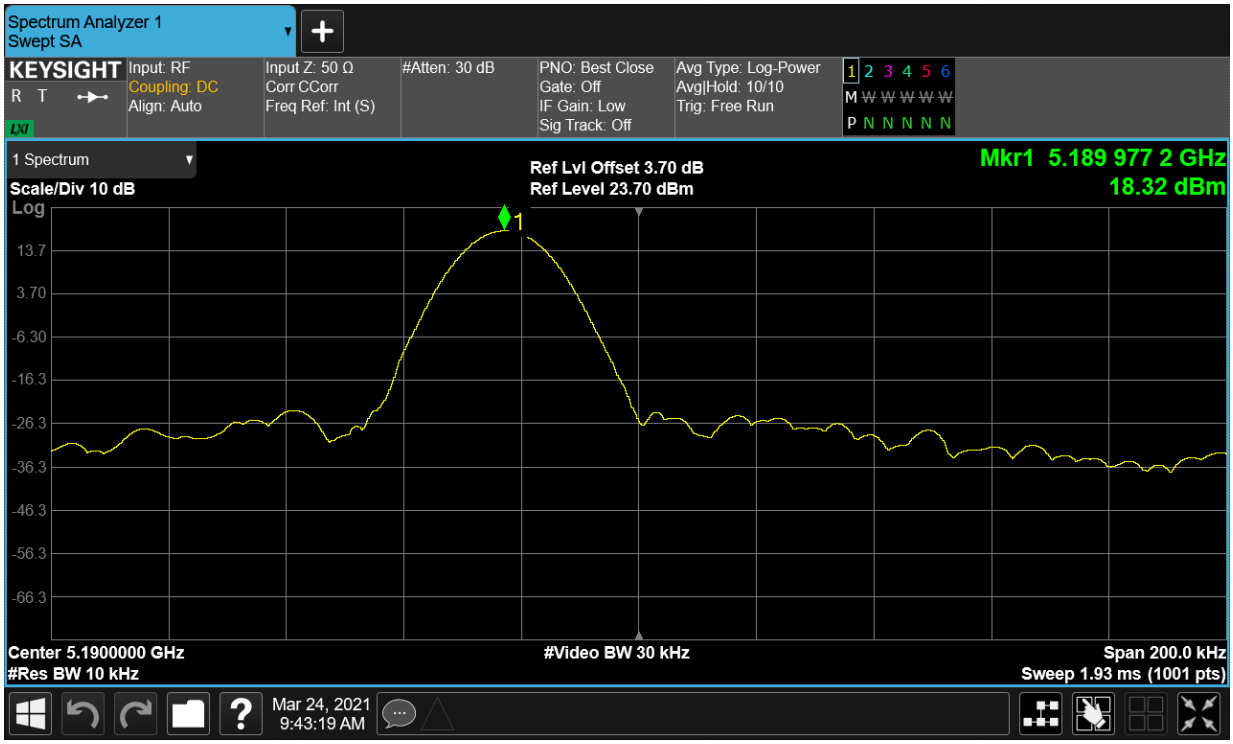


Freq. Stability HVLT n40 5190MHz Ant1

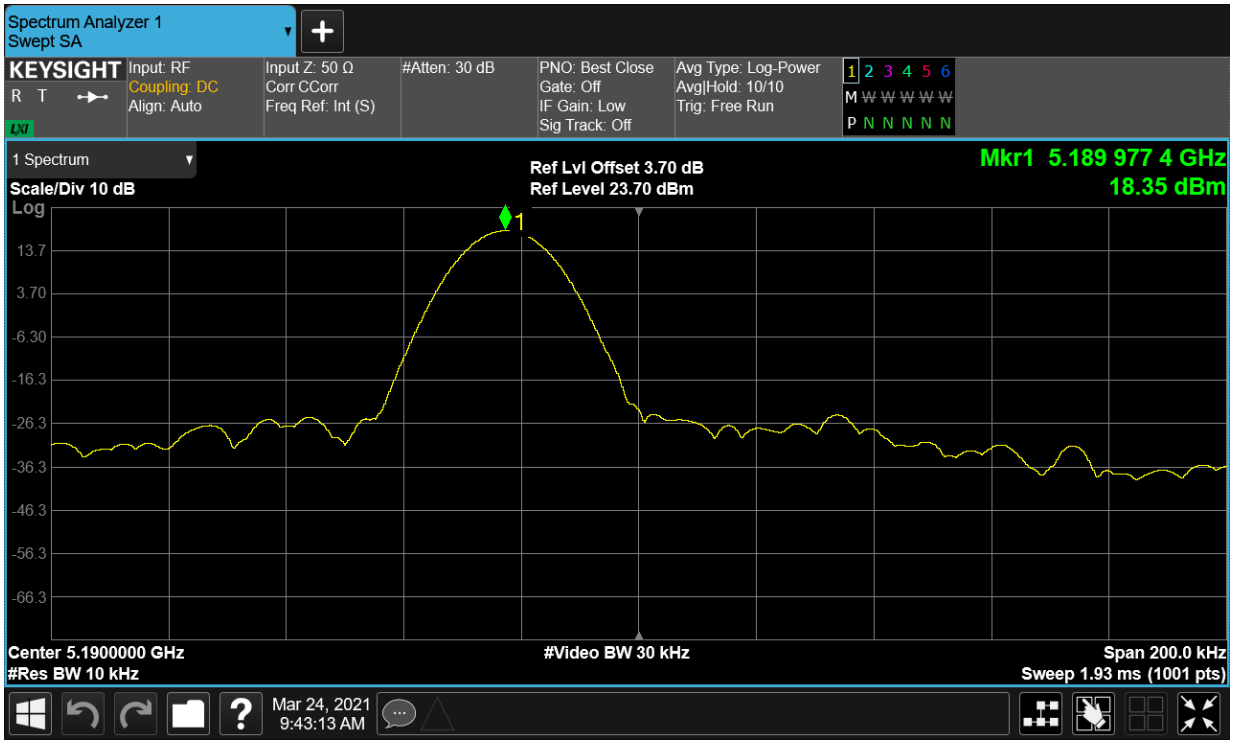


Freq. Stability LVHT n40 5190MHz Ant1

Freq. Stability LVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

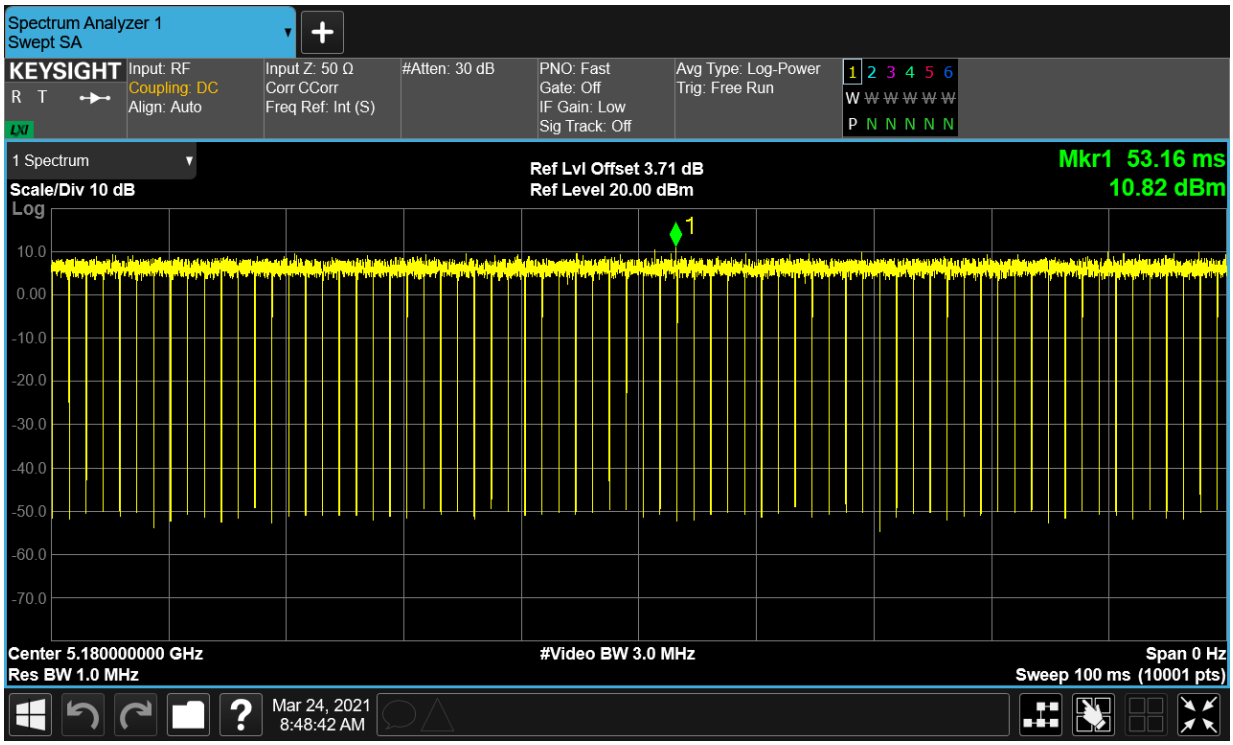


Duty Cycle

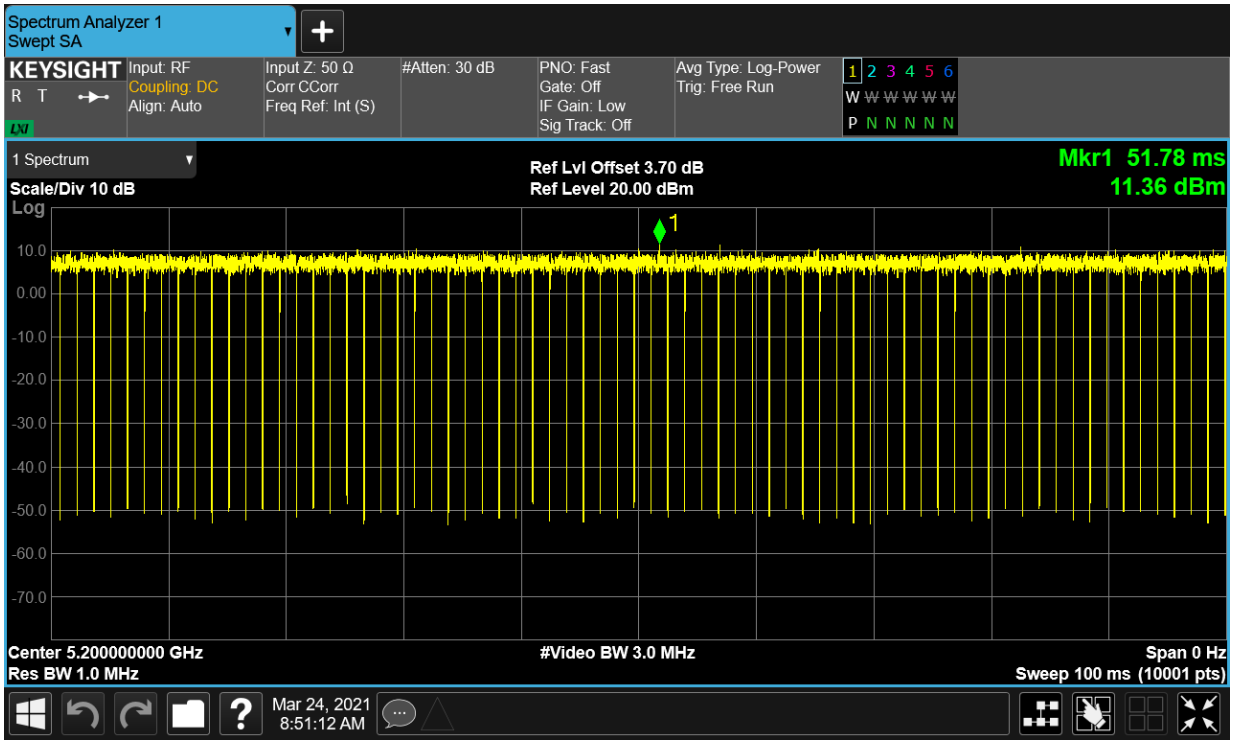
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	97.67	0.1
NVNT	a	5200	Ant1	97.72	0.1
NVNT	a	5240	Ant1	97.71	0.1
NVNT	ac20	5180	Ant1	97.59	0.11

NVNT	ac20	5200	Ant1	97.56	0.11
NVNT	ac20	5240	Ant1	97.58	0.11
NVNT	ac40	5190	Ant1	95.34	0.21
NVNT	ac40	5230	Ant1	95.33	0.21
NVNT	ac80	5210	Ant1	91.25	0.4
NVNT	n20	5180	Ant1	97.57	0.11
NVNT	n20	5200	Ant1	97.57	0.11
NVNT	n20	5240	Ant1	97.57	0.11
NVNT	n40	5190	Ant1	95.29	0.21
NVNT	n40	5230	Ant1	95.33	0.21

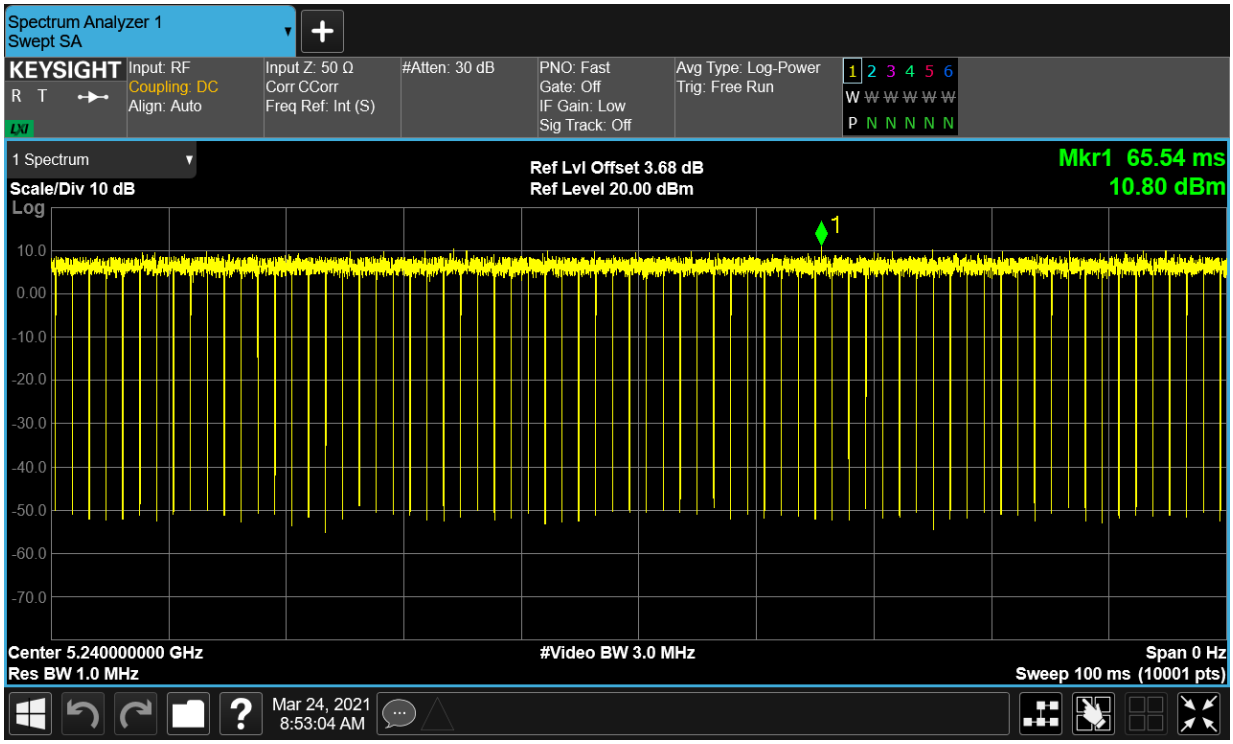
Duty Cycle NVNT a 5180MHz Ant1



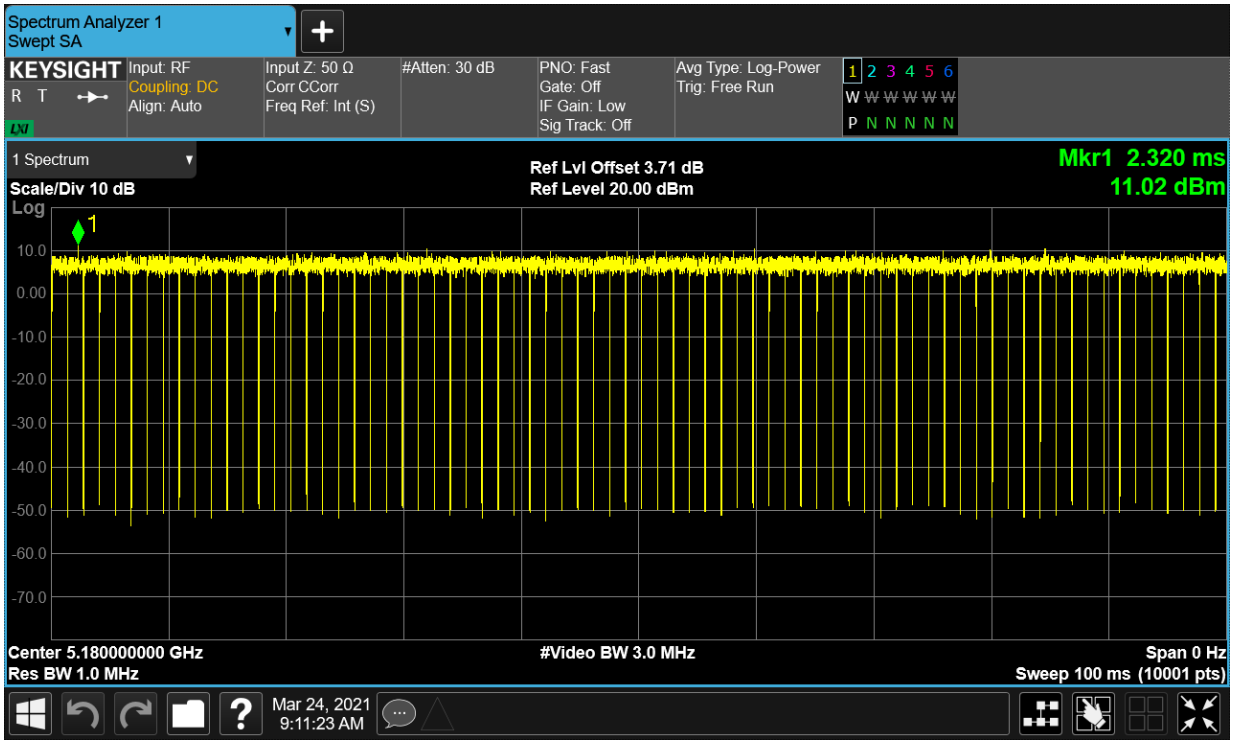
Duty Cycle NVNT a 5200MHz Ant1



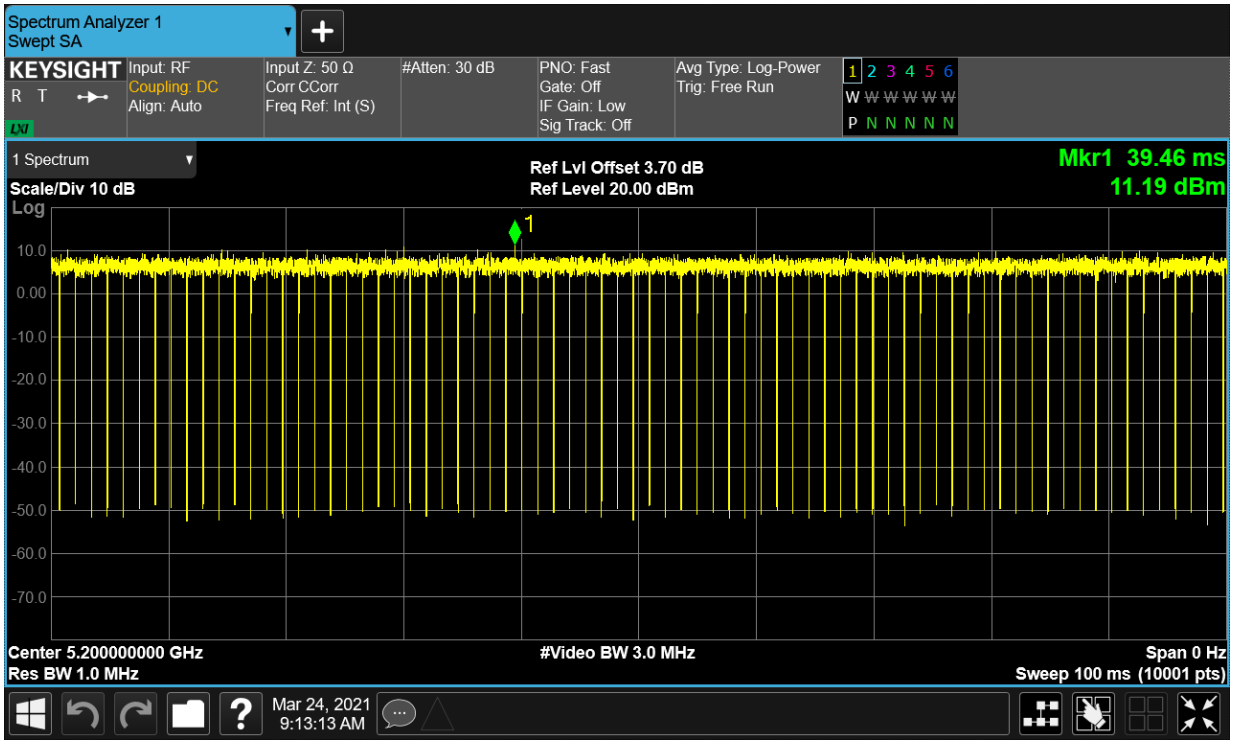
Duty Cycle NVNT a 5240MHz Ant1



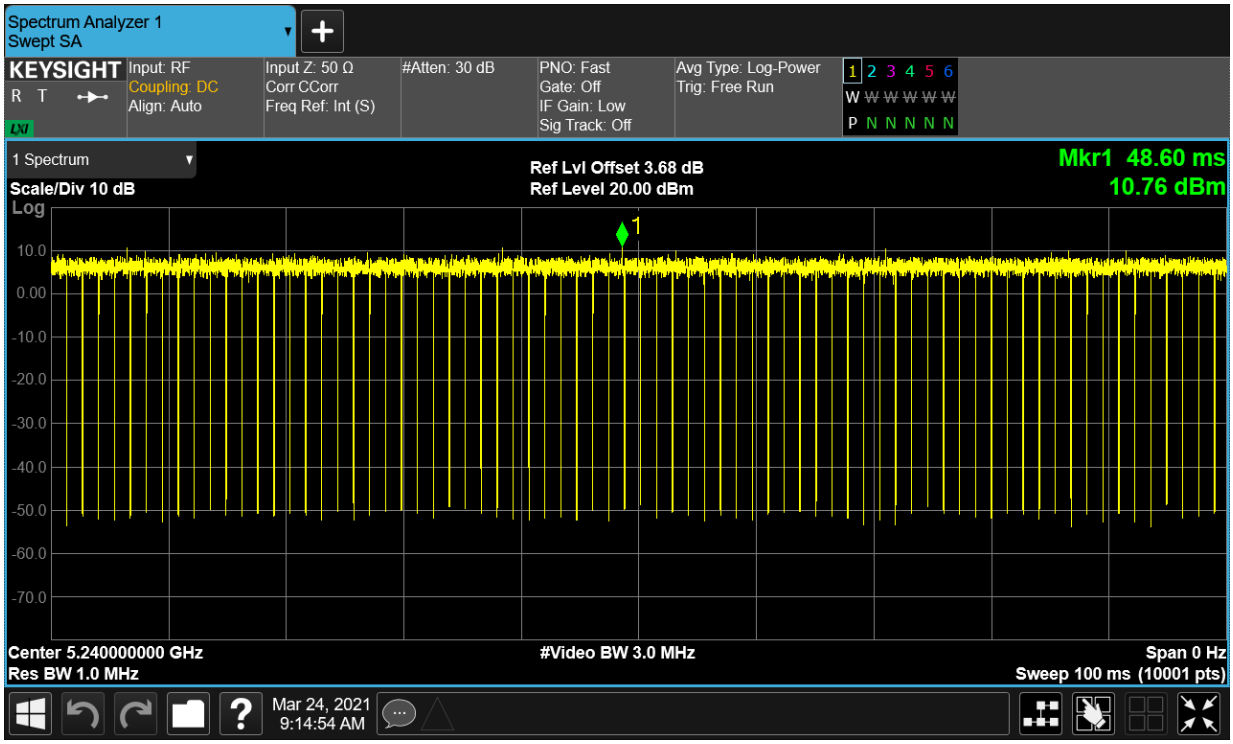
Duty Cycle NVNT ac20 5180MHz Ant1



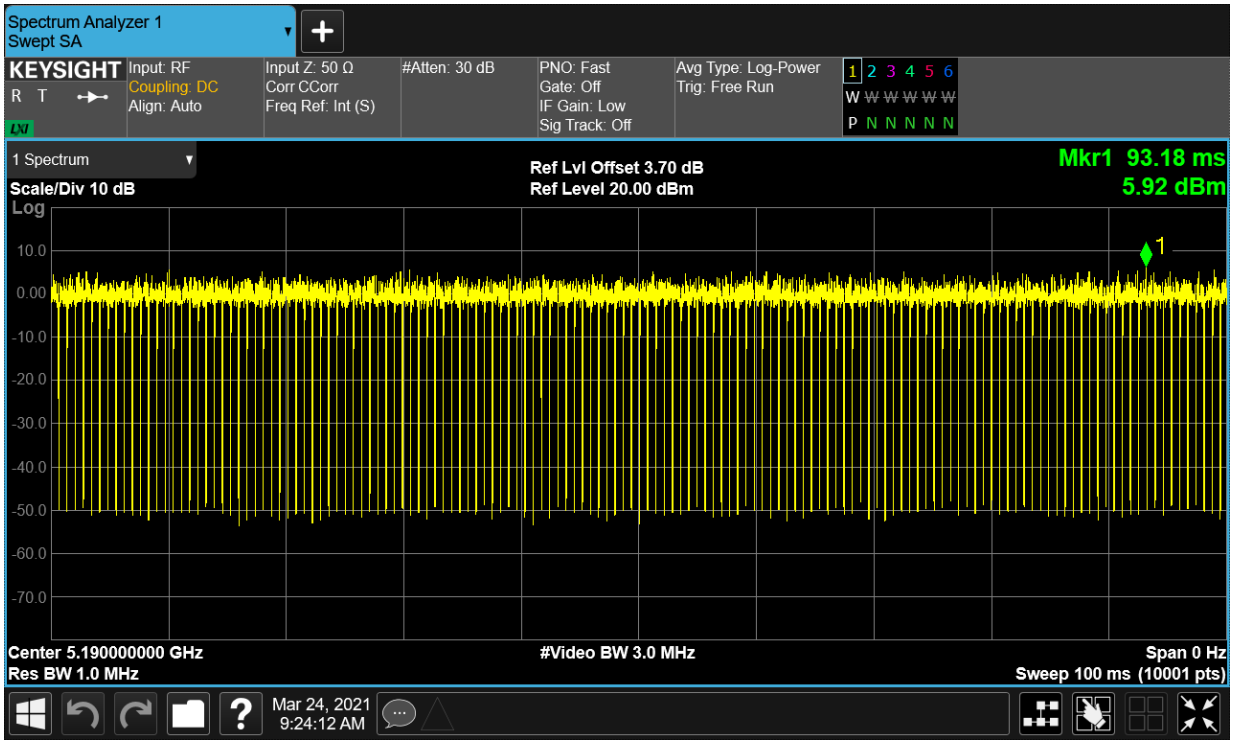
Duty Cycle NVNT ac20 5200MHz Ant1



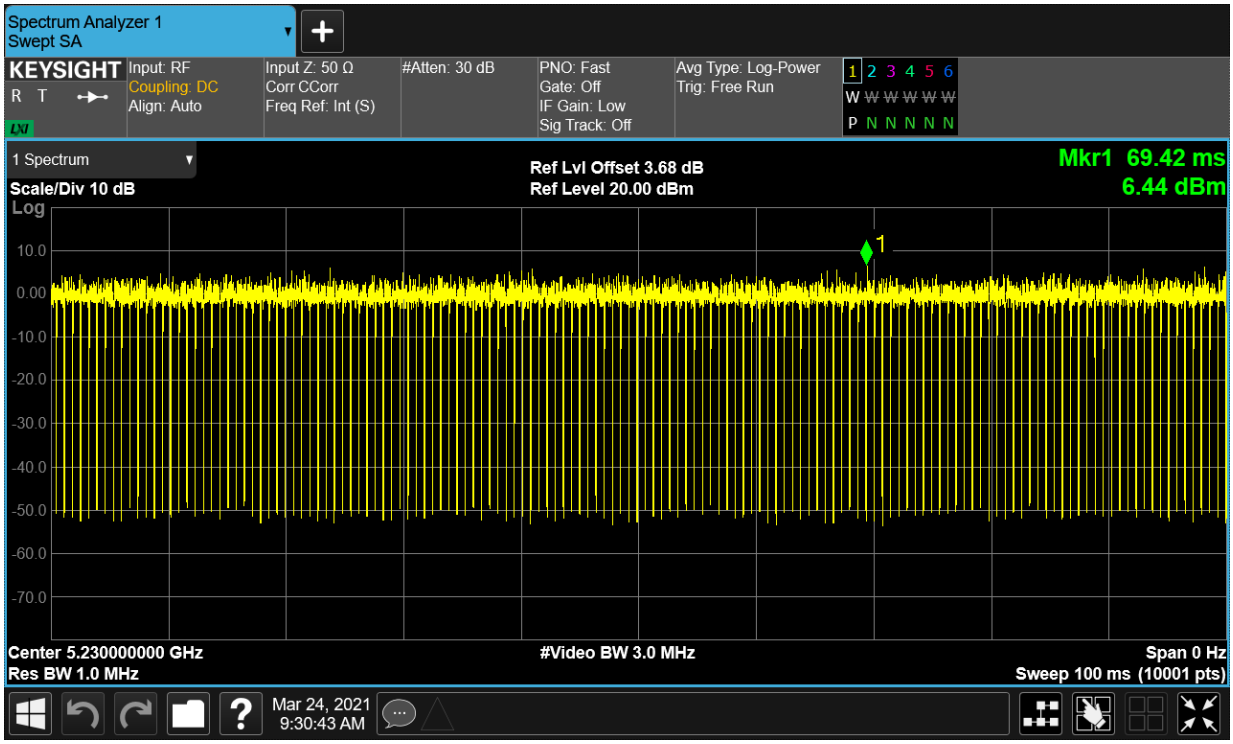
Duty Cycle NVNT ac20 5240MHz Ant1



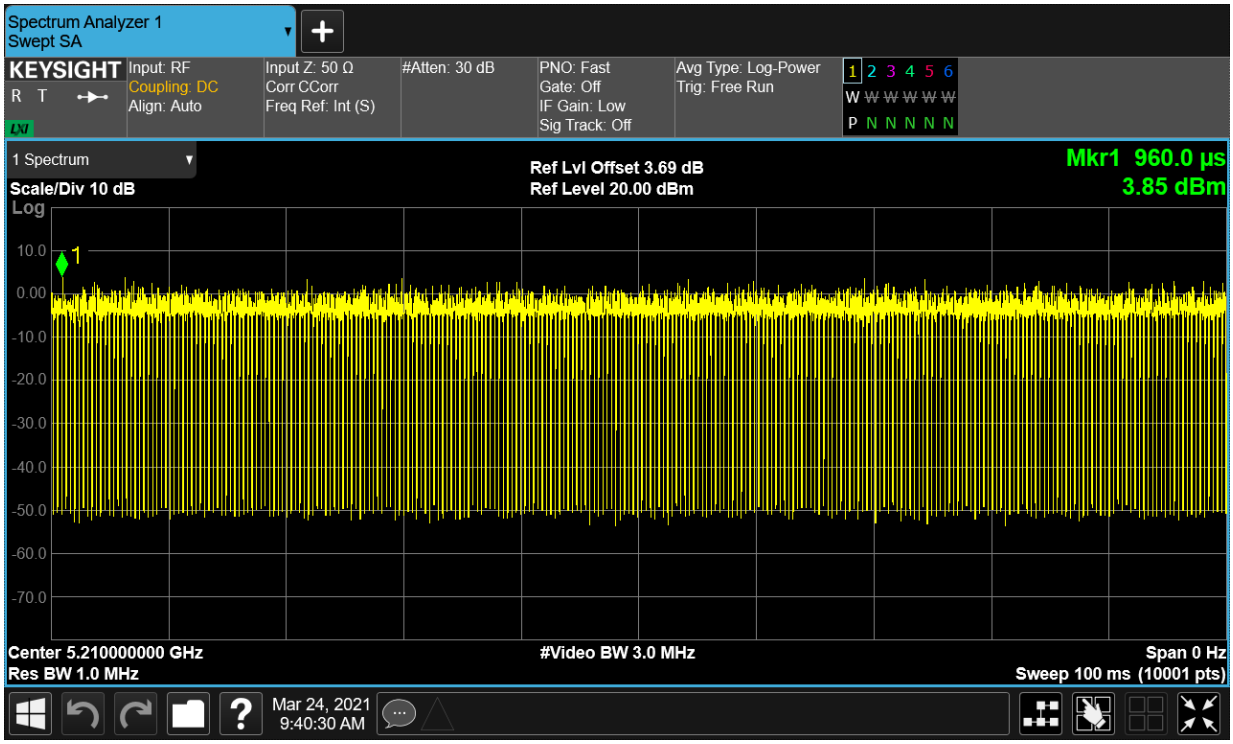
Duty Cycle NVNT ac40 5190MHz Ant1



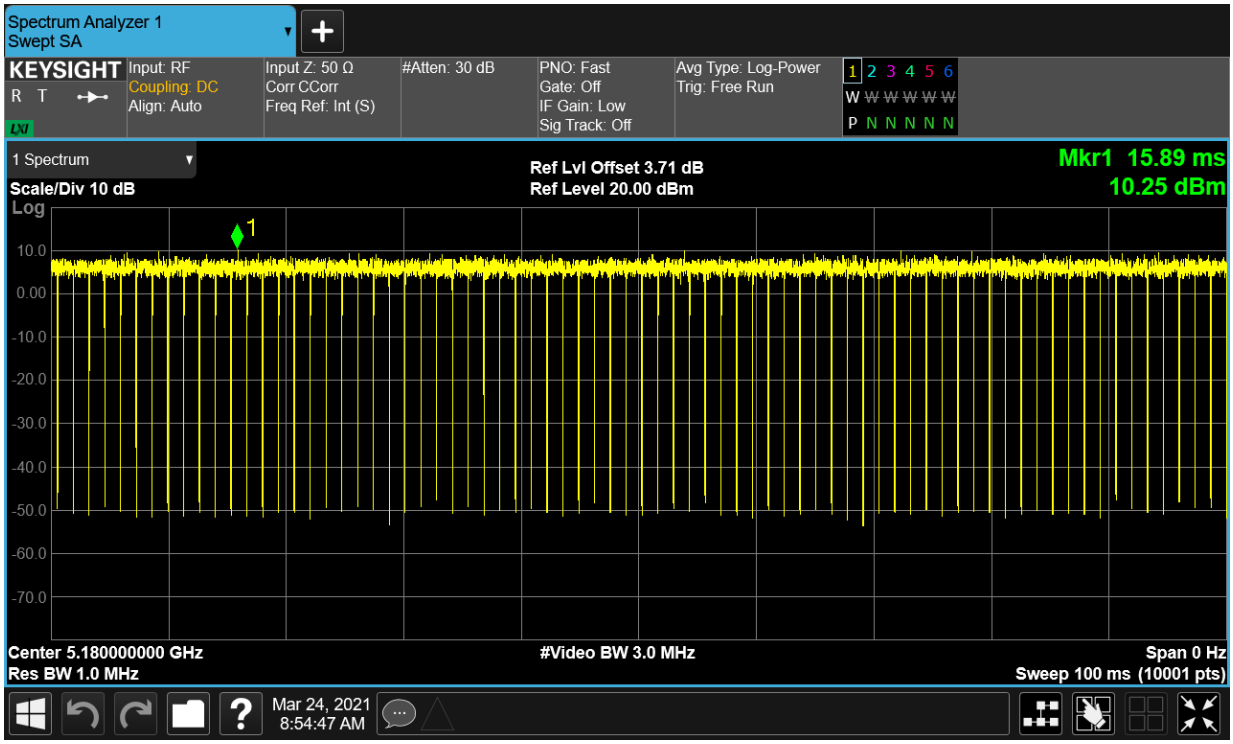
Duty Cycle NVNT ac40 5230MHz Ant1



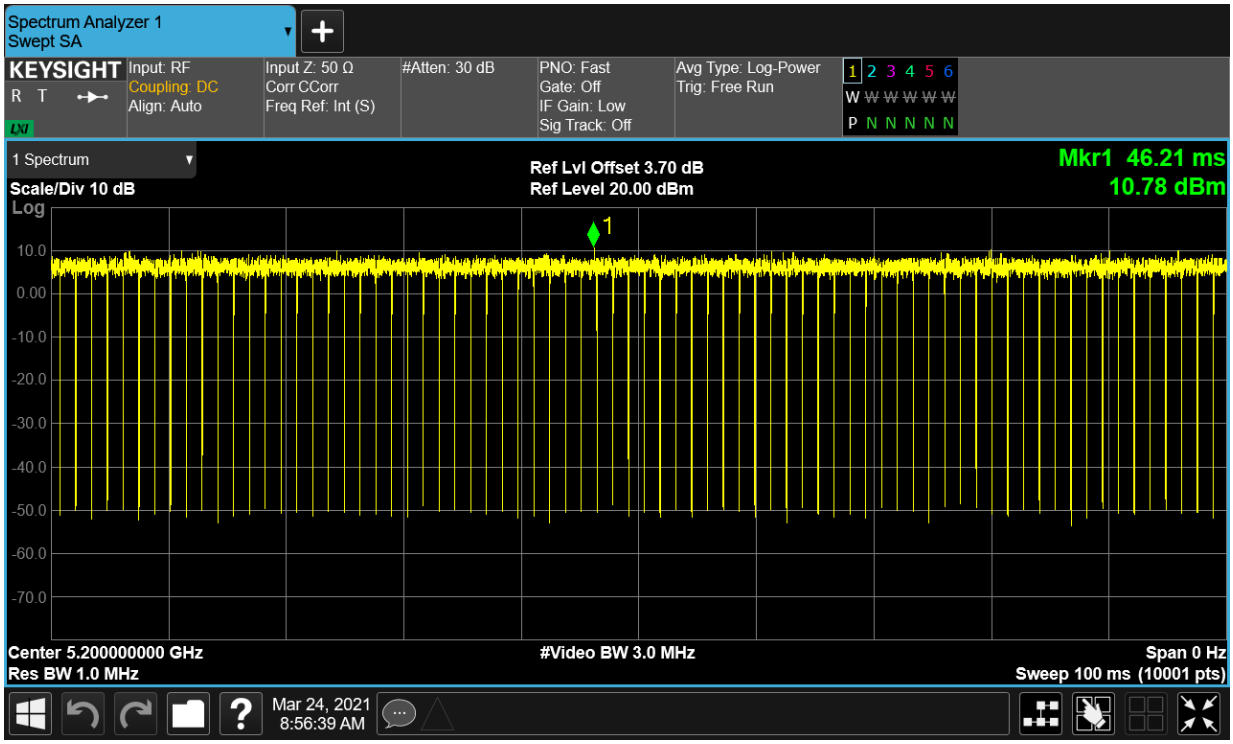
Duty Cycle NVNT ac80 5210MHz Ant1



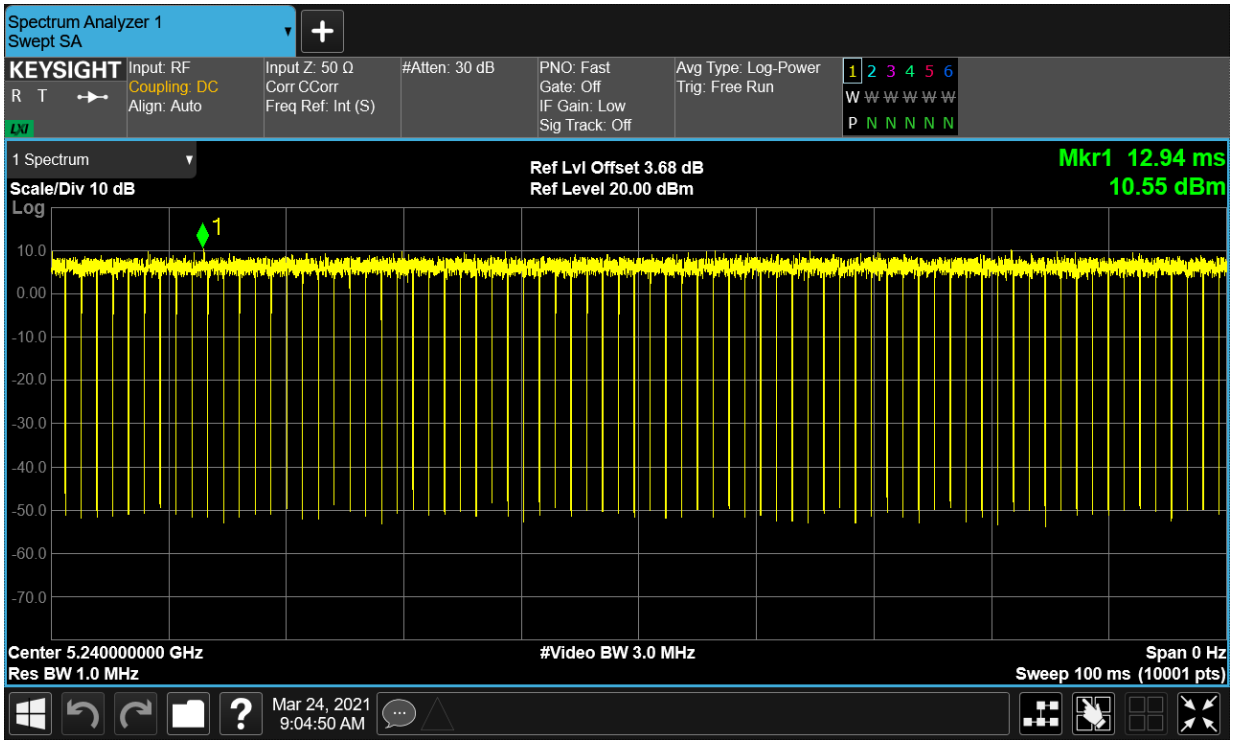
Duty Cycle NVNT n20 5180MHz Ant1



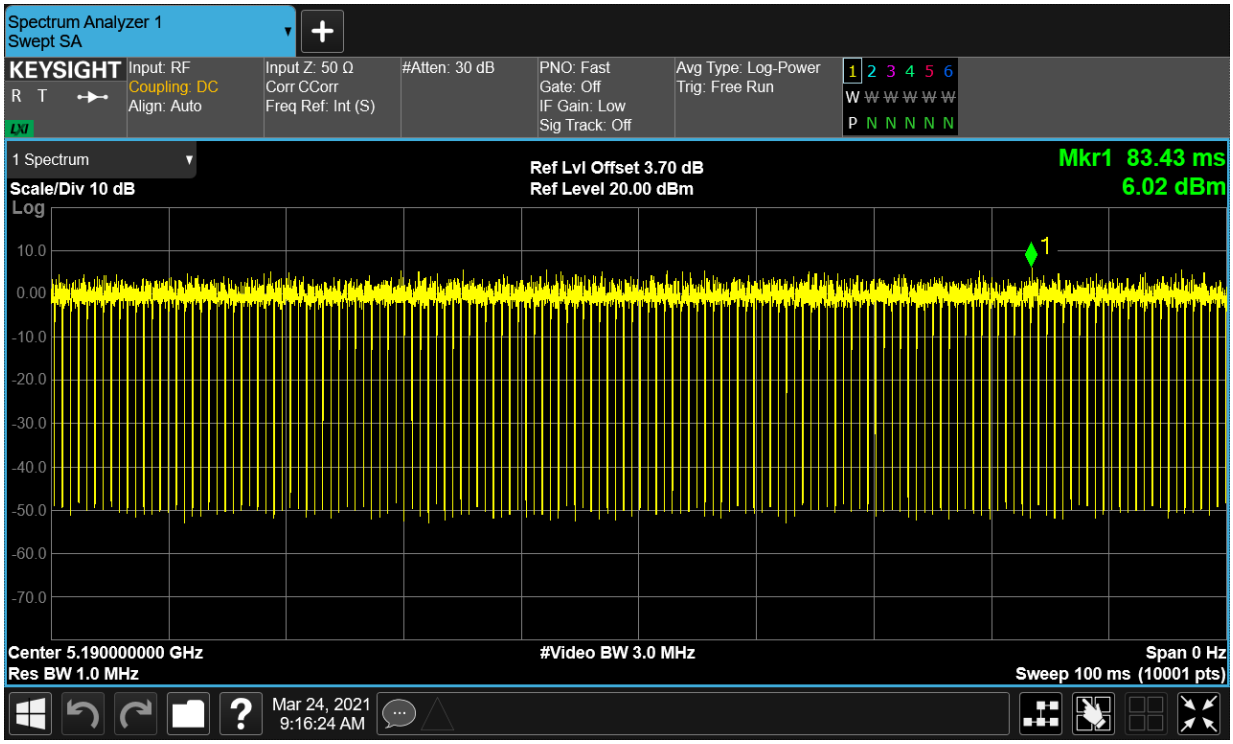
Duty Cycle NVNT n20 5200MHz Ant1



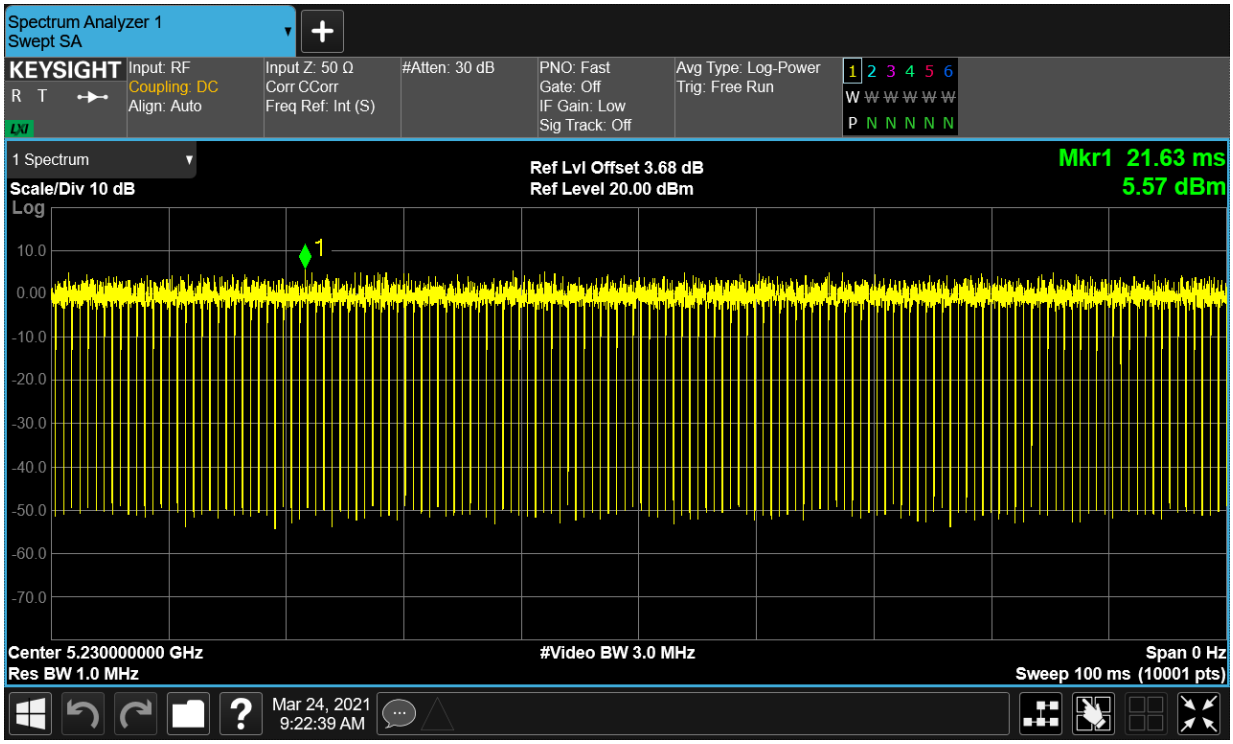
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

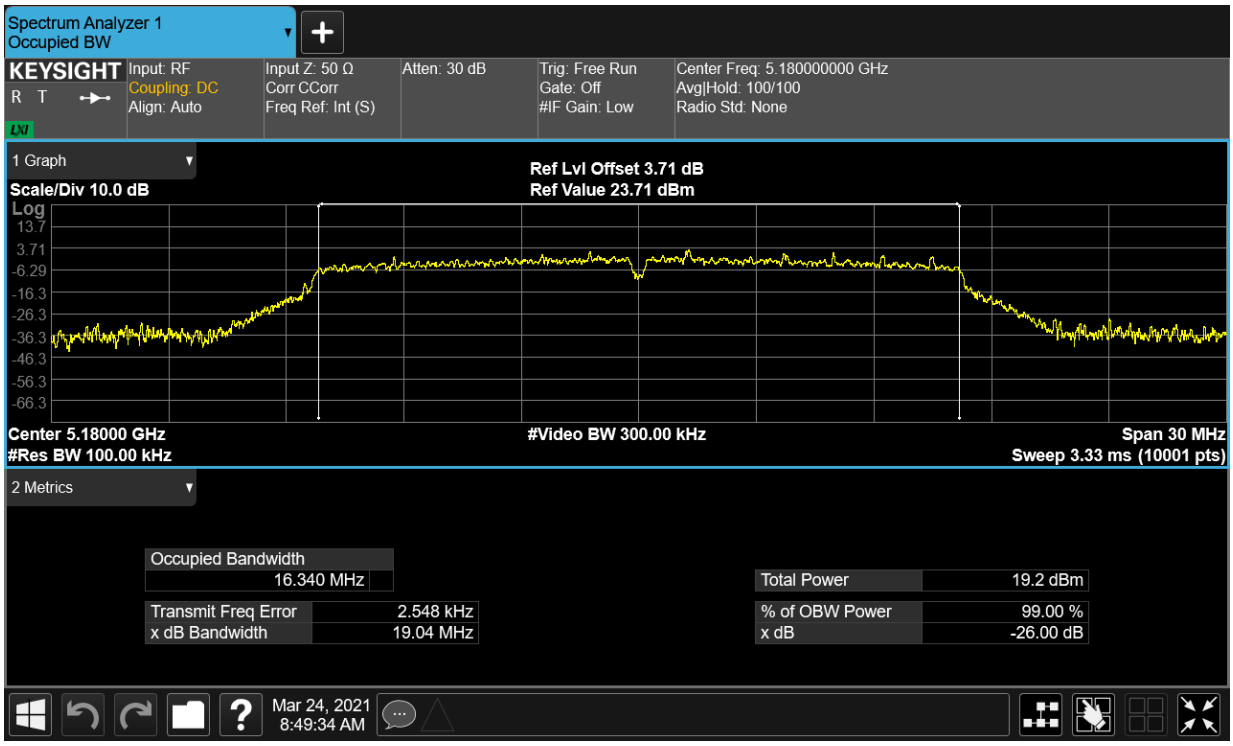
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.03	0	13.03	24	Pass
NVNT	a	5200	Ant1	13.2	0.1	13.3	24	Pass
NVNT	a	5240	Ant1	13.08	0.1	13.18	24	Pass
NVNT	ac20	5180	Ant1	13.15	0.11	13.26	24	Pass
NVNT	ac20	5200	Ant1	12.56	0.11	12.67	24	Pass
NVNT	ac20	5240	Ant1	13	0.11	13.11	24	Pass
NVNT	ac40	5190	Ant1	12.46	0.21	12.67	24	Pass
NVNT	ac40	5230	Ant1	13.23	0.21	13.44	24	Pass
NVNT	ac80	5210	Ant1	12.92	0.4	13.32	24	Pass
NVNT	n20	5180	Ant1	12.49	0.11	12.6	24	Pass
NVNT	n20	5200	Ant1	12.47	0.11	12.58	24	Pass
NVNT	n20	5240	Ant1	13	0.11	13.11	24	Pass
NVNT	n40	5190	Ant1	12.6	0.21	12.81	24	Pass
NVNT	n40	5230	Ant1	13.24	0.21	13.45	24	Pass

Occupied Channel Bandwidth

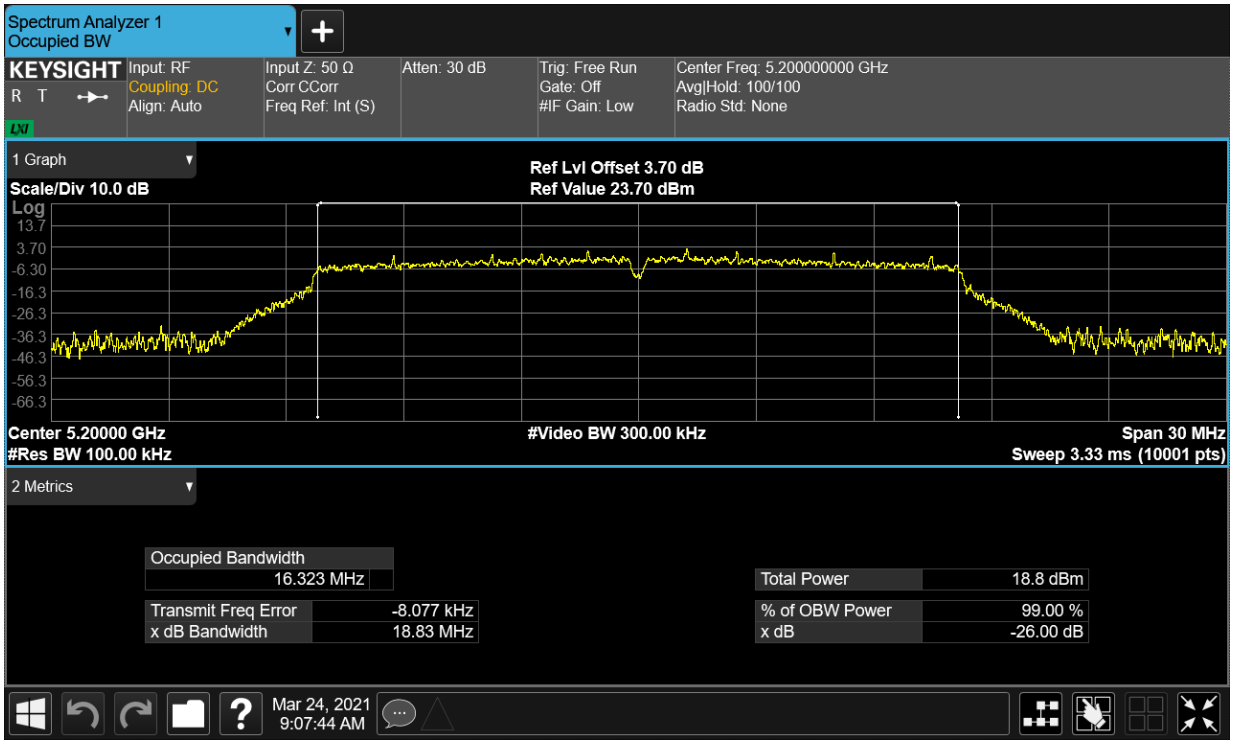
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.33958825
NVNT	a	5200	Ant1	16.32314301
NVNT	a	5240	Ant1	16.33406894
NVNT	ac20	5180	Ant1	17.52132018
NVNT	ac20	5200	Ant1	17.51953179

NVNT	ac20	5240	Ant1	17.51231142
NVNT	ac40	5190	Ant1	35.83167306
NVNT	ac40	5230	Ant1	35.84096752
NVNT	ac80	5210	Ant1	75.13833107
NVNT	n20	5180	Ant1	17.52487329
NVNT	n20	5200	Ant1	17.53842079
NVNT	n20	5240	Ant1	17.53807818
NVNT	n40	5190	Ant1	35.80921492
NVNT	n40	5230	Ant1	35.85790374

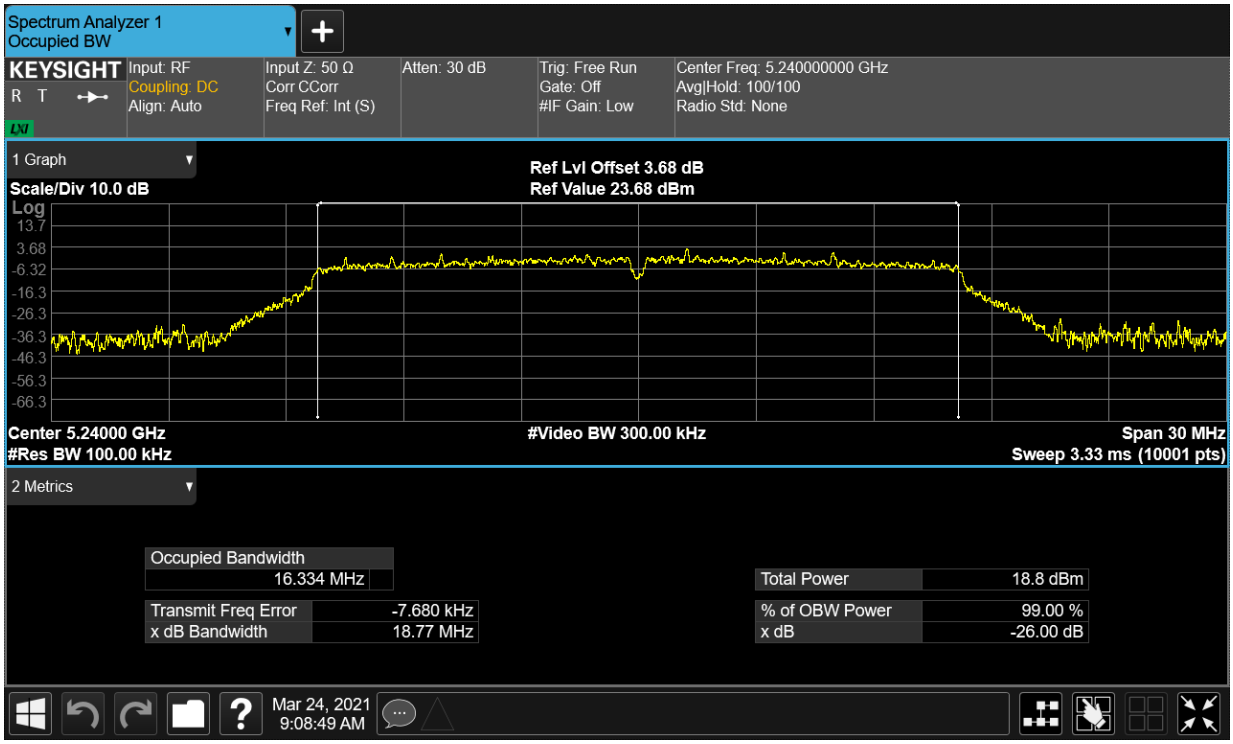
OBW NVNT a 5180MHz Ant1



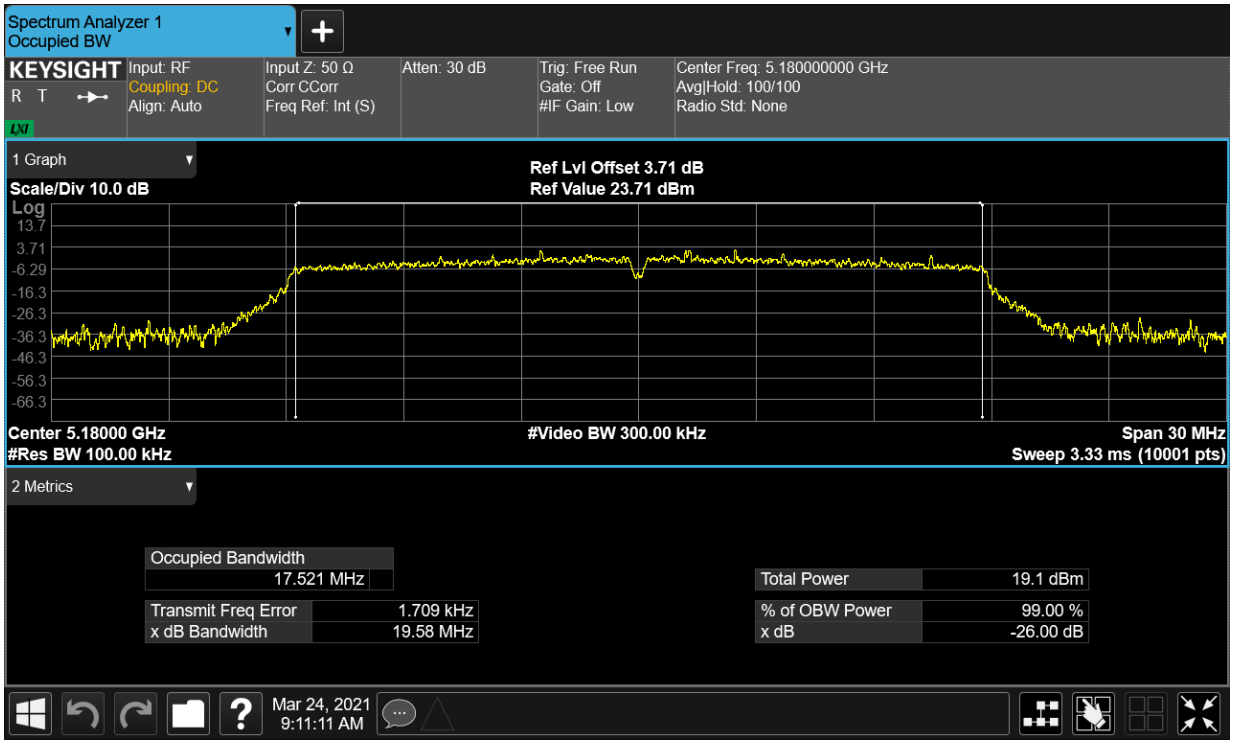
OBW NVNT a 5200MHz Ant1



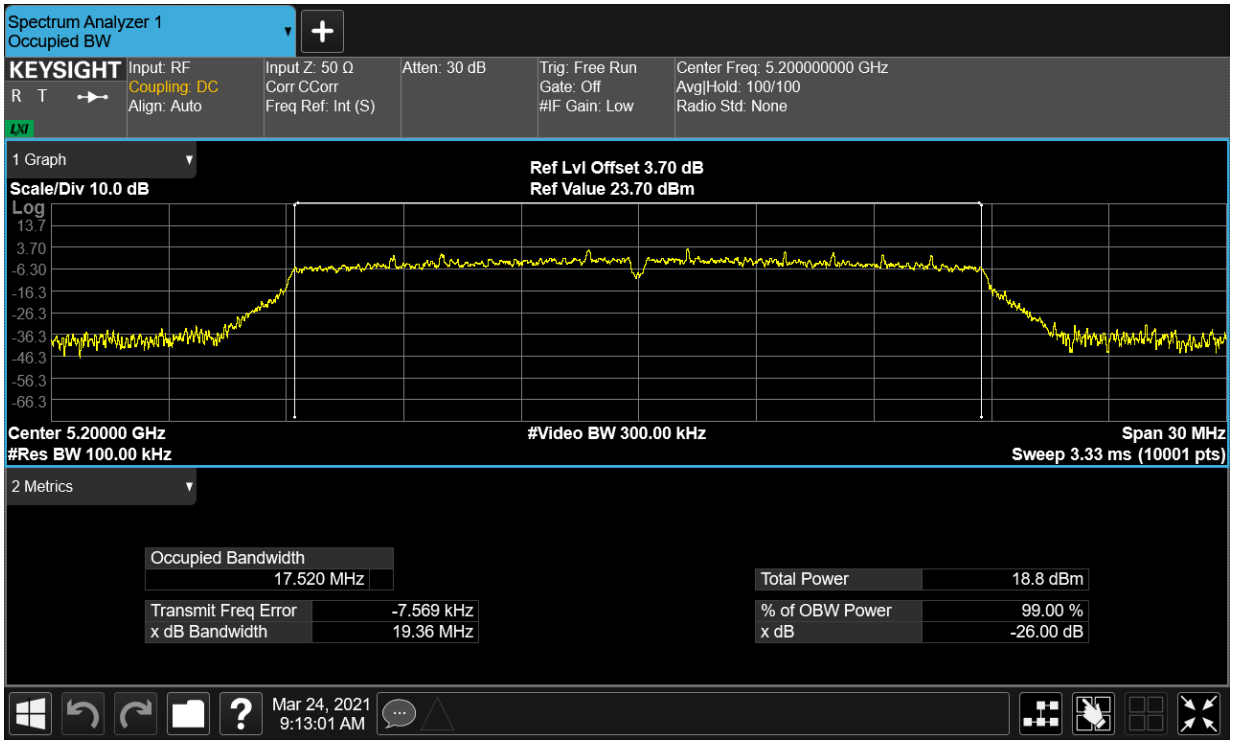
OBW NVNT a 5240MHz Ant1



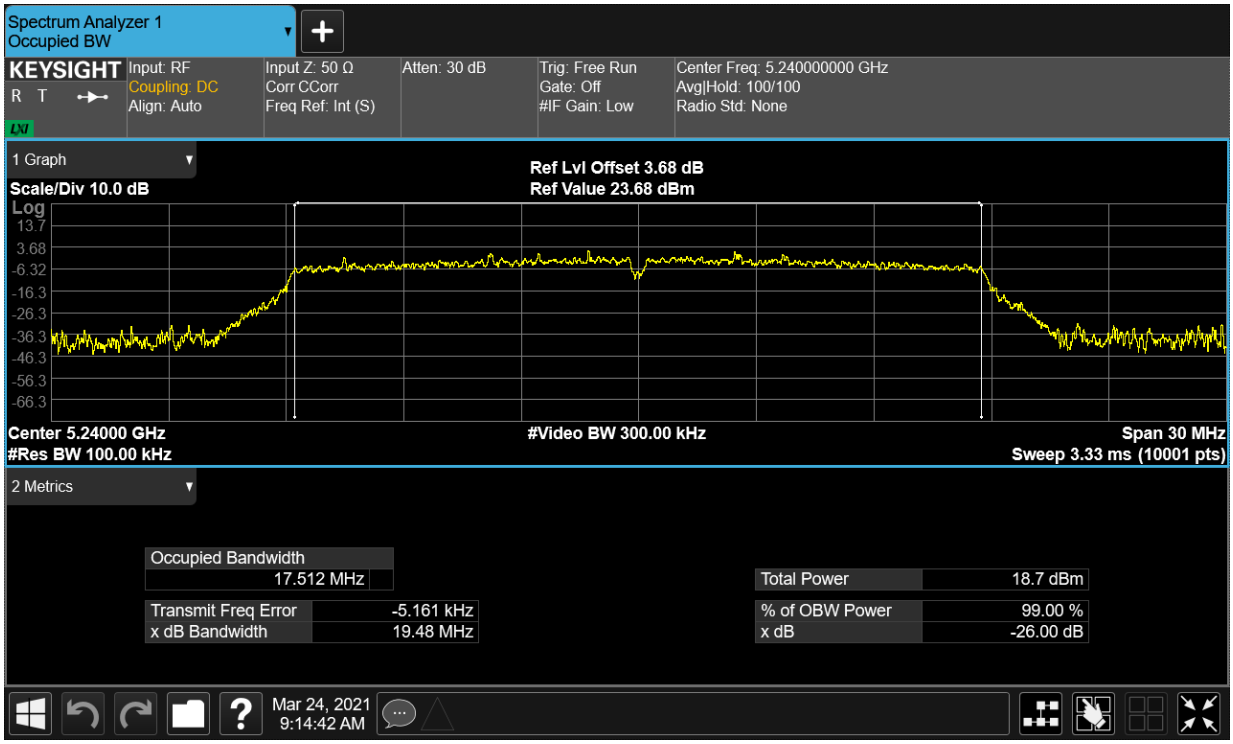
OBW NVNT ac20 5180MHz Ant1



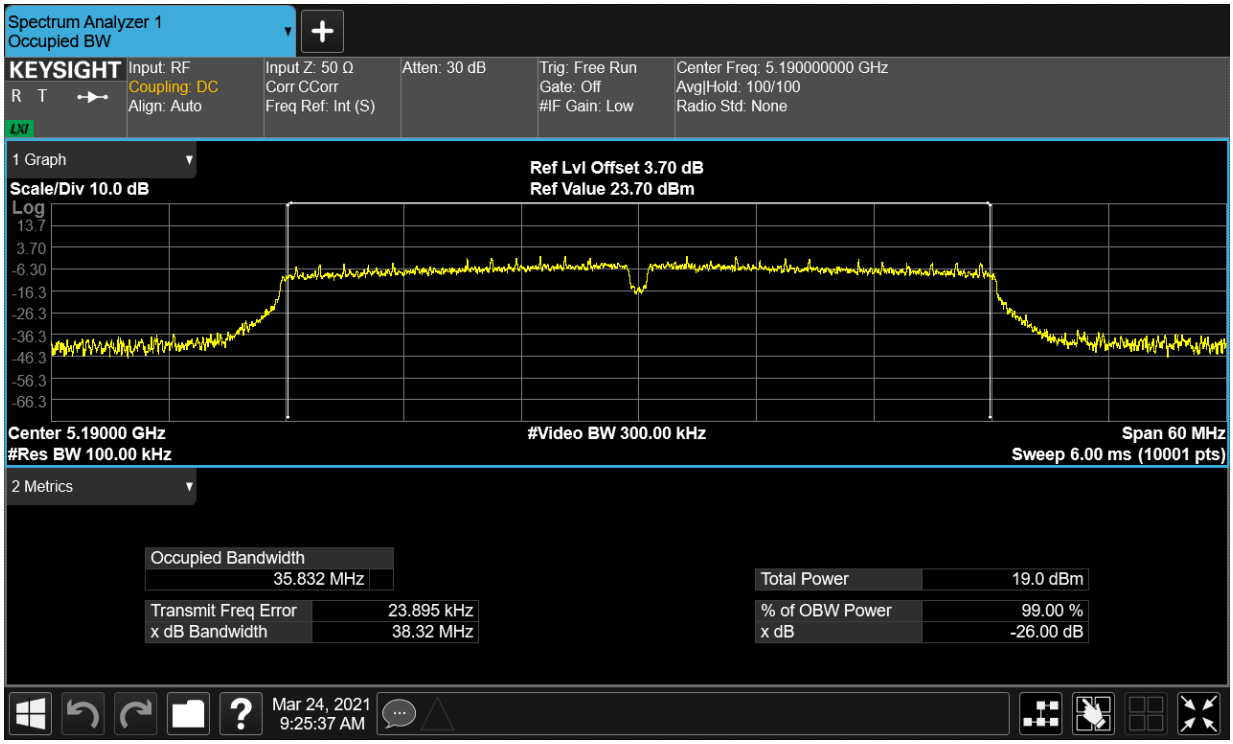
OBW NVNT ac20 5200MHz Ant1



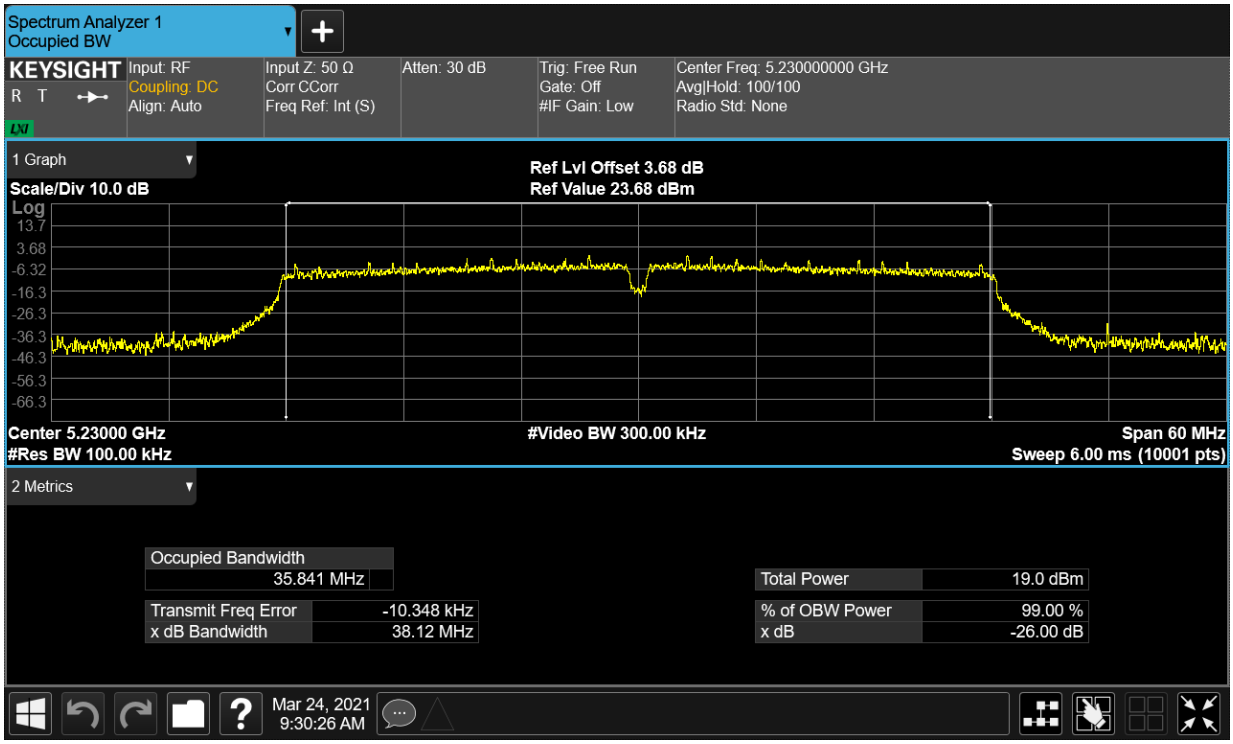
OBW NVNT ac20 5240MHz Ant1



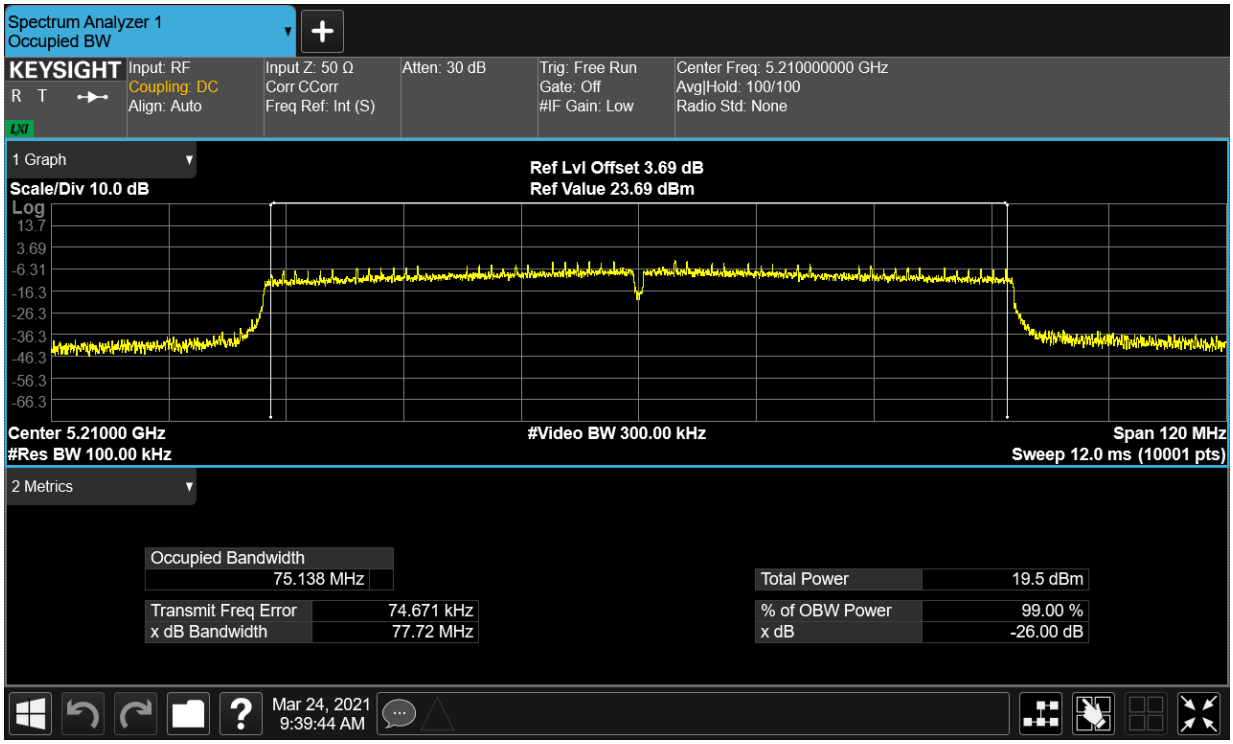
OBW NVNT ac40 5190MHz Ant1



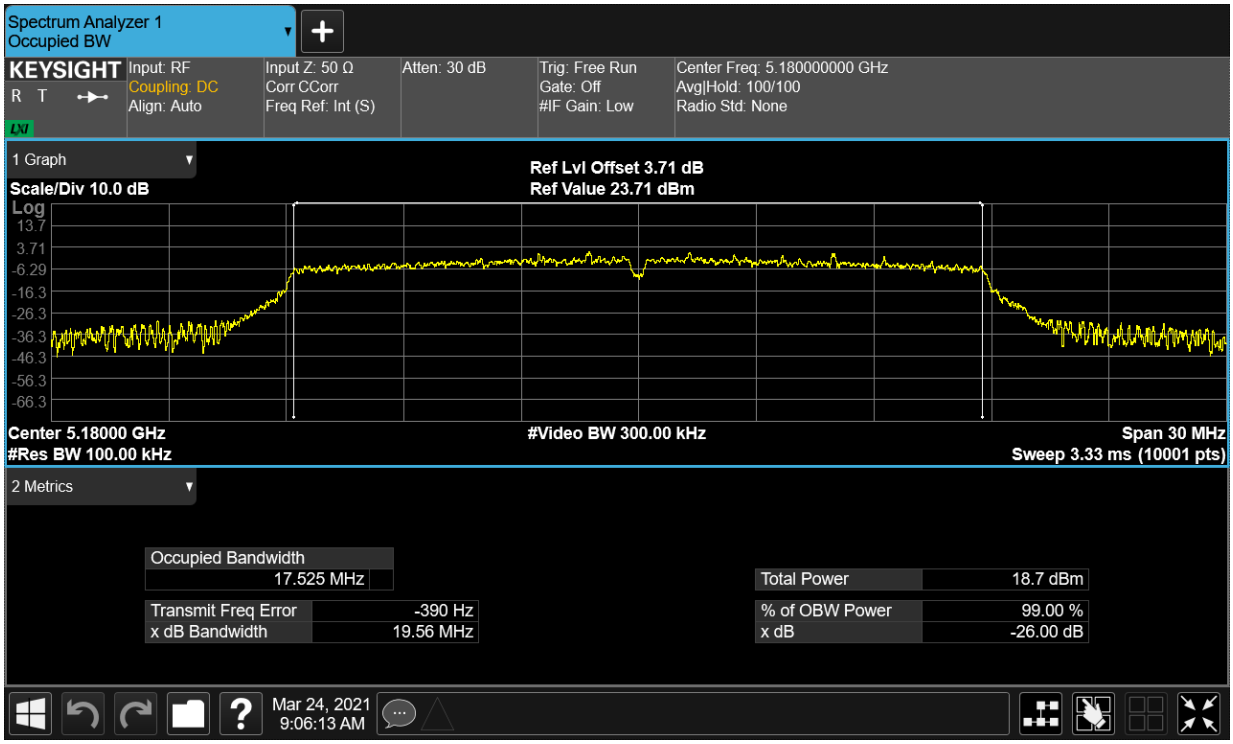
OBW NVNT ac40 5230MHz Ant1



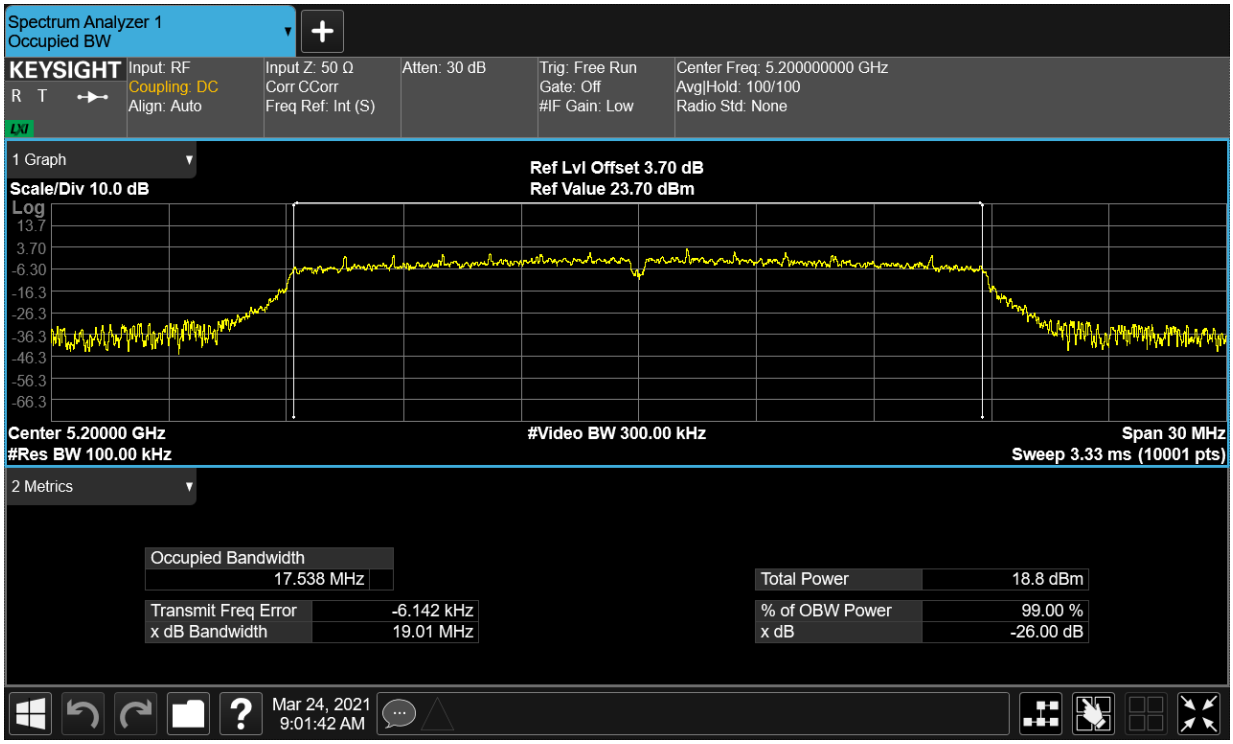
OBW NVNT ac80 5210MHz Ant1



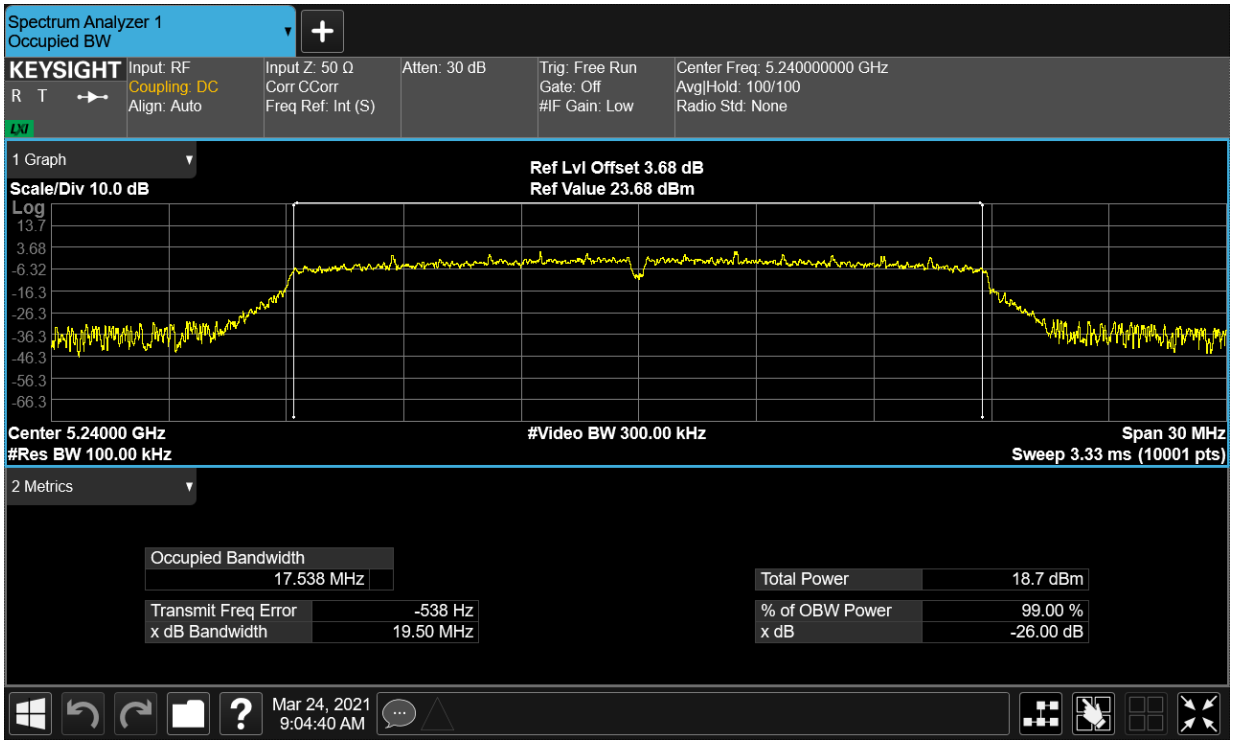
OBW NVNT n20 5180MHz Ant1



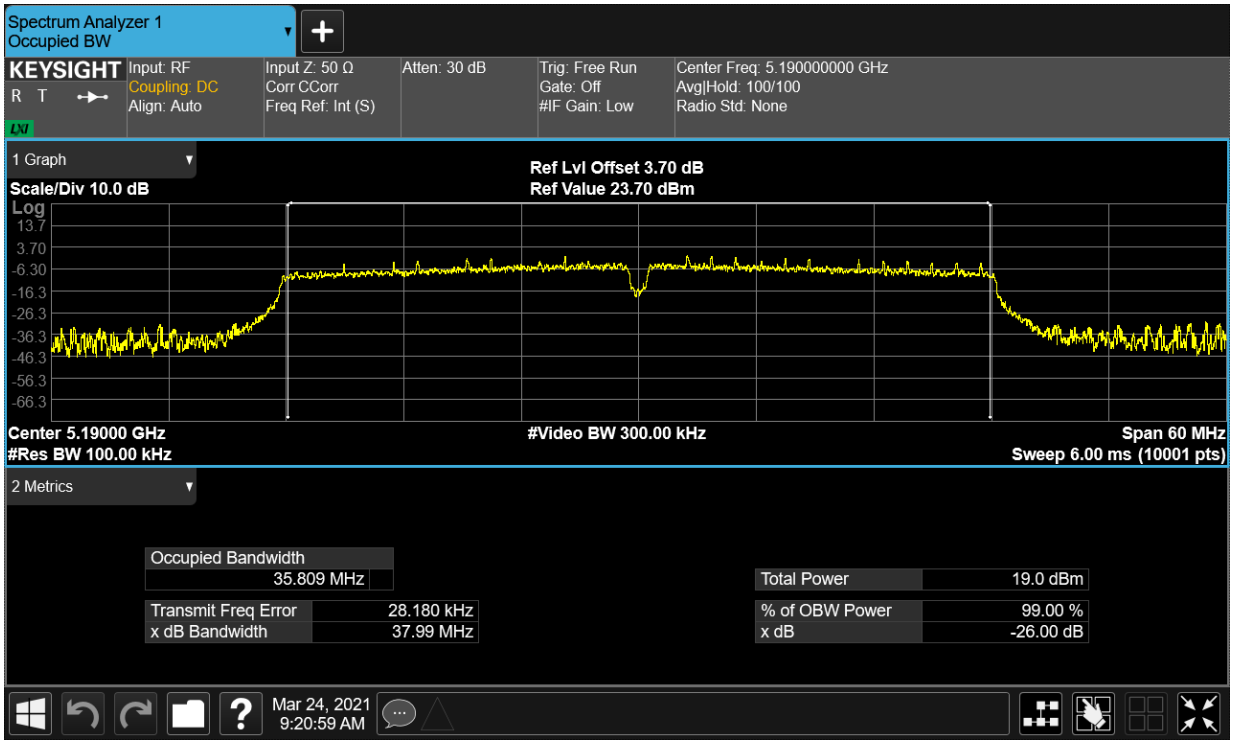
OBW NVNT n20 5200MHz Ant1



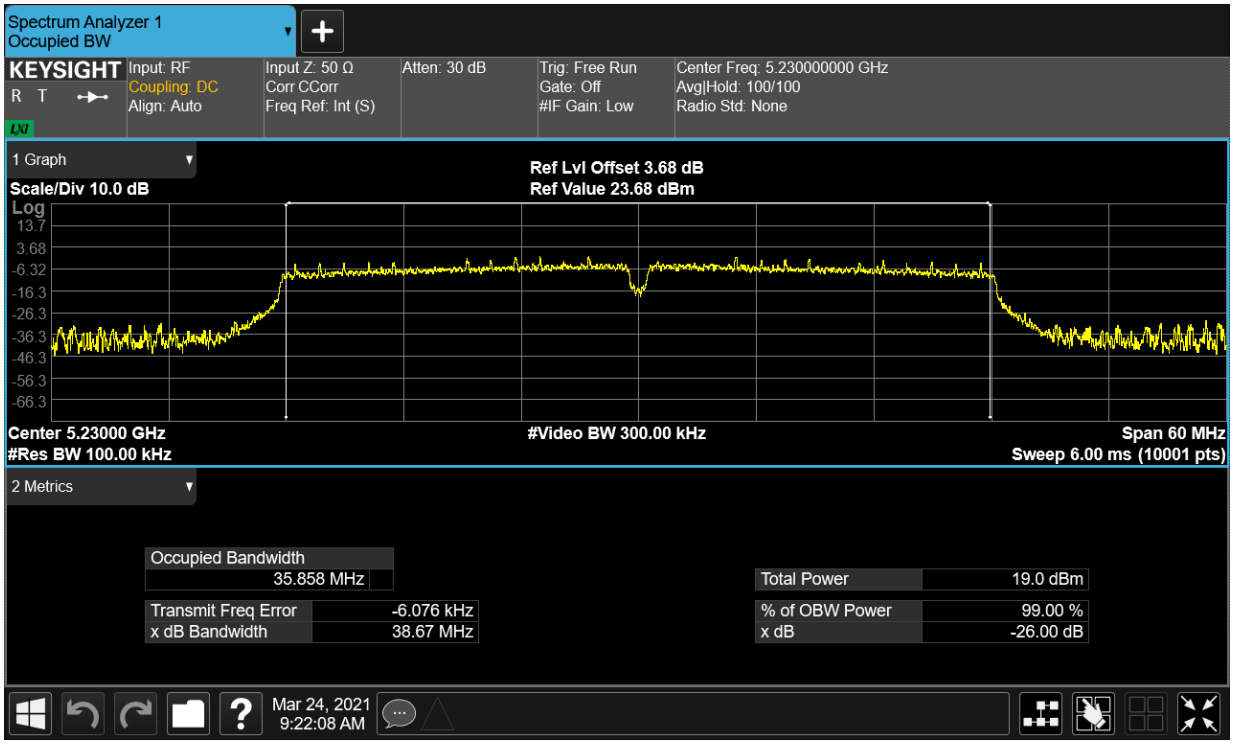
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



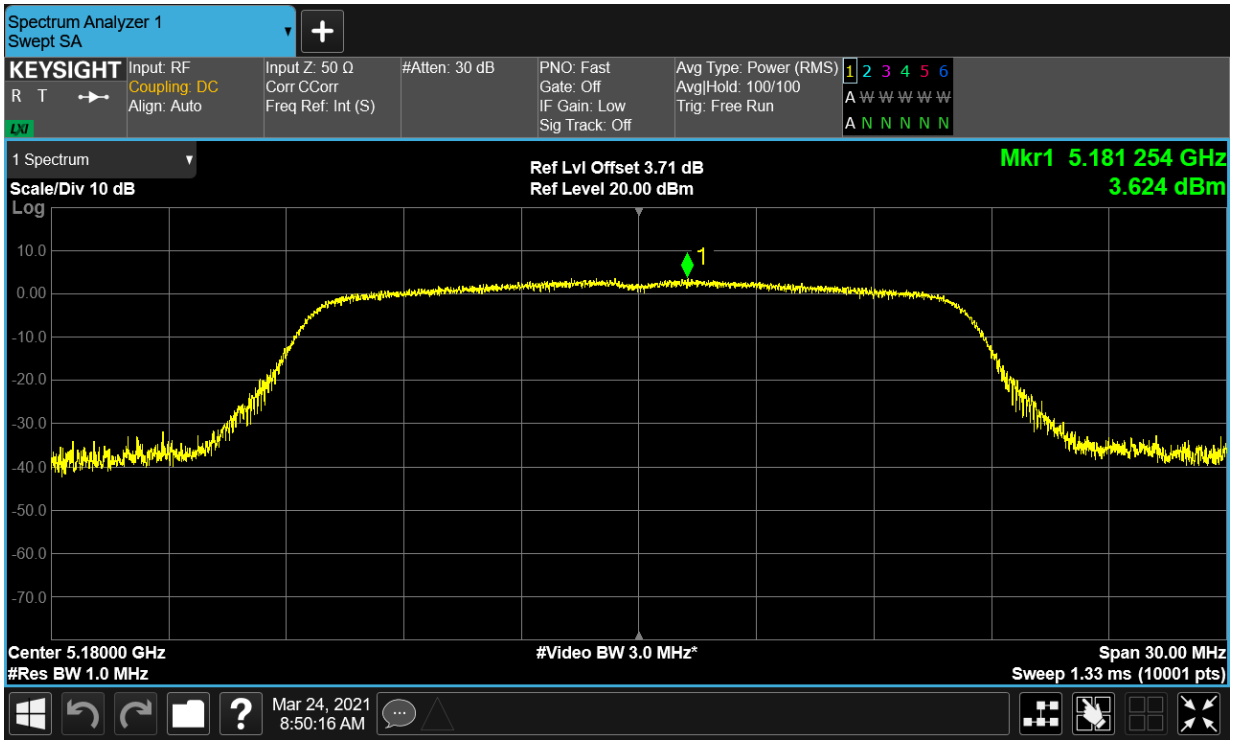
OBW NVNT n40 5230MHz Ant1



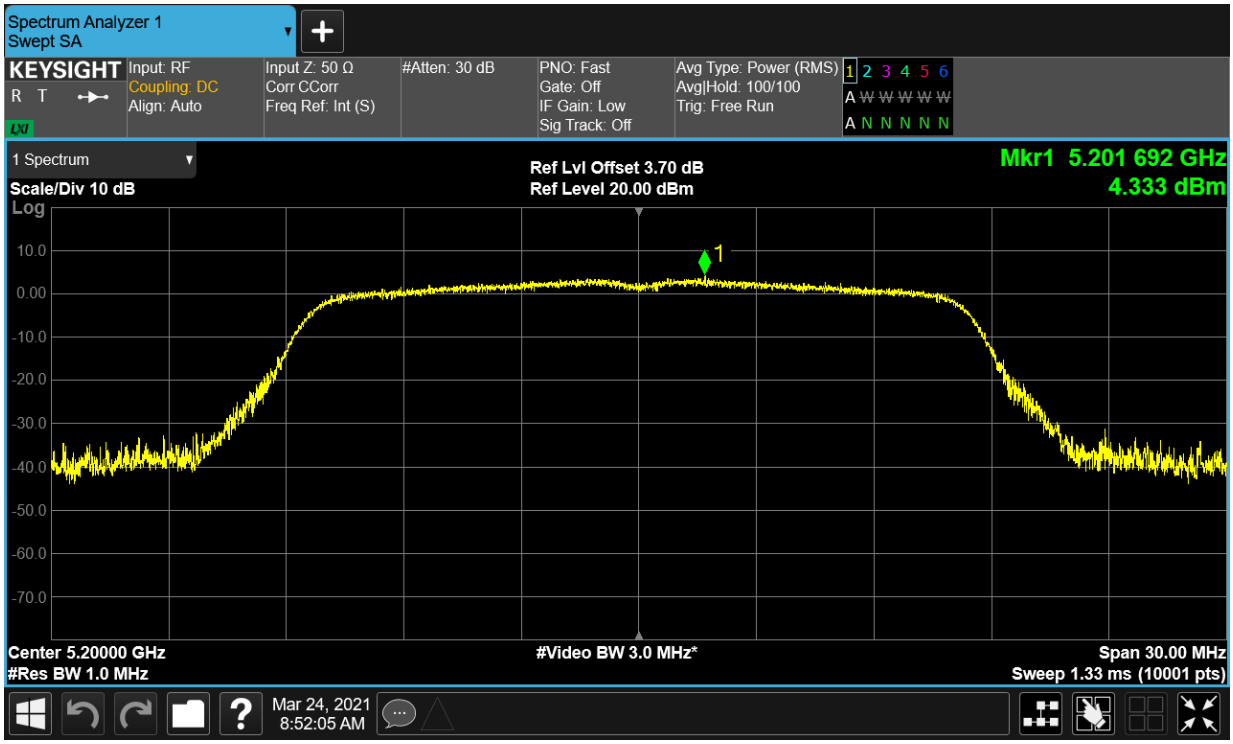
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.624	11	Pass
NVNT	a	5200	Ant1	4.333	11	Pass
NVNT	a	5240	Ant1	3.161	11	Pass
NVNT	ac20	5180	Ant1	3.422	11	Pass
NVNT	ac20	5200	Ant1	2.993	11	Pass
NVNT	ac20	5240	Ant1	3	11	Pass
NVNT	ac40	5190	Ant1	0.512	11	Pass
NVNT	ac40	5230	Ant1	0.409	11	Pass
NVNT	ac80	5210	Ant1	-2.64	11	Pass
NVNT	n20	5180	Ant1	2.991	11	Pass
NVNT	n20	5200	Ant1	2.881	11	Pass
NVNT	n20	5240	Ant1	3.193	11	Pass
NVNT	n40	5190	Ant1	0.867	11	Pass
NVNT	n40	5230	Ant1	0.219	11	Pass

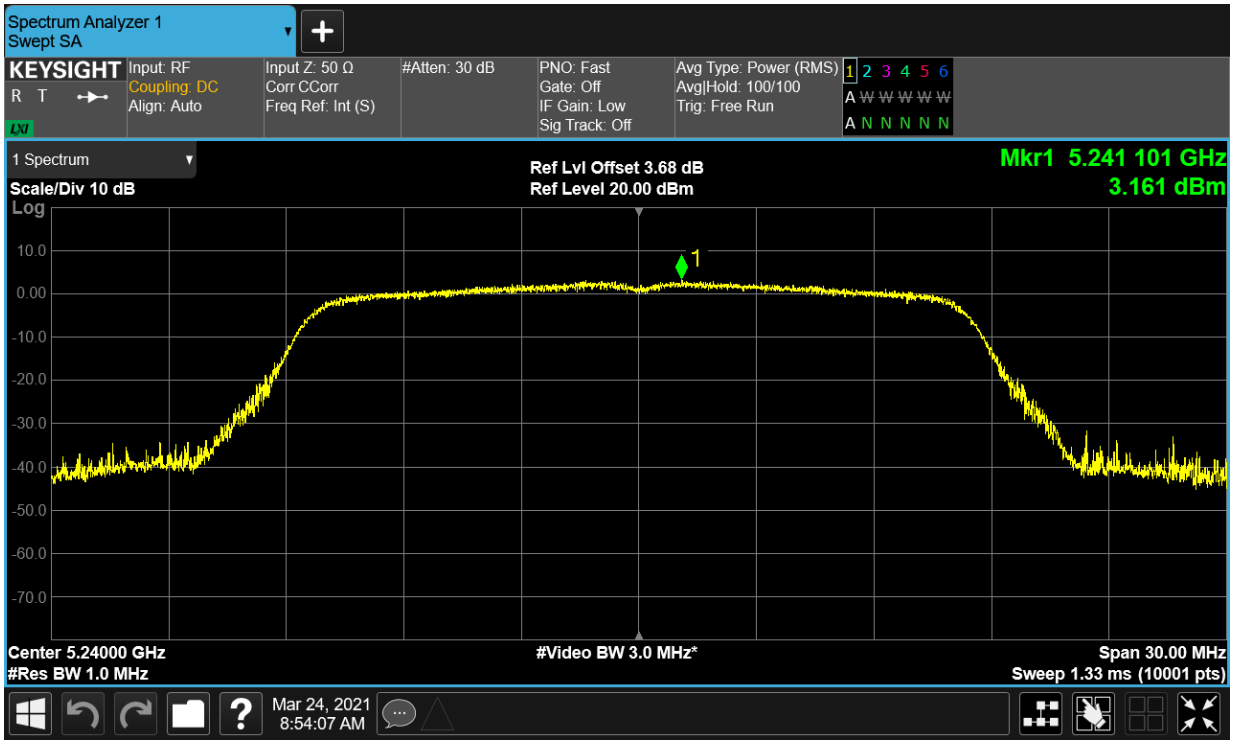
PSD NVNT a 5180MHz Ant1



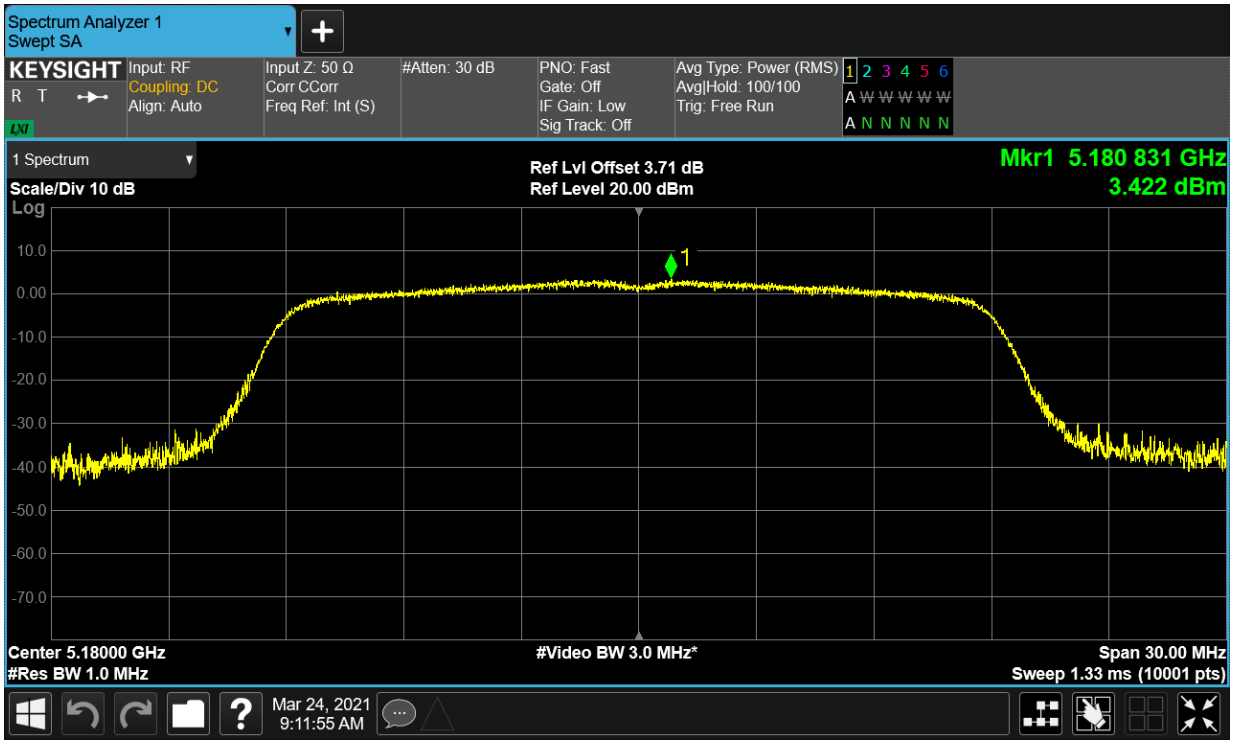
PSD NVNT a 5200MHz Ant1



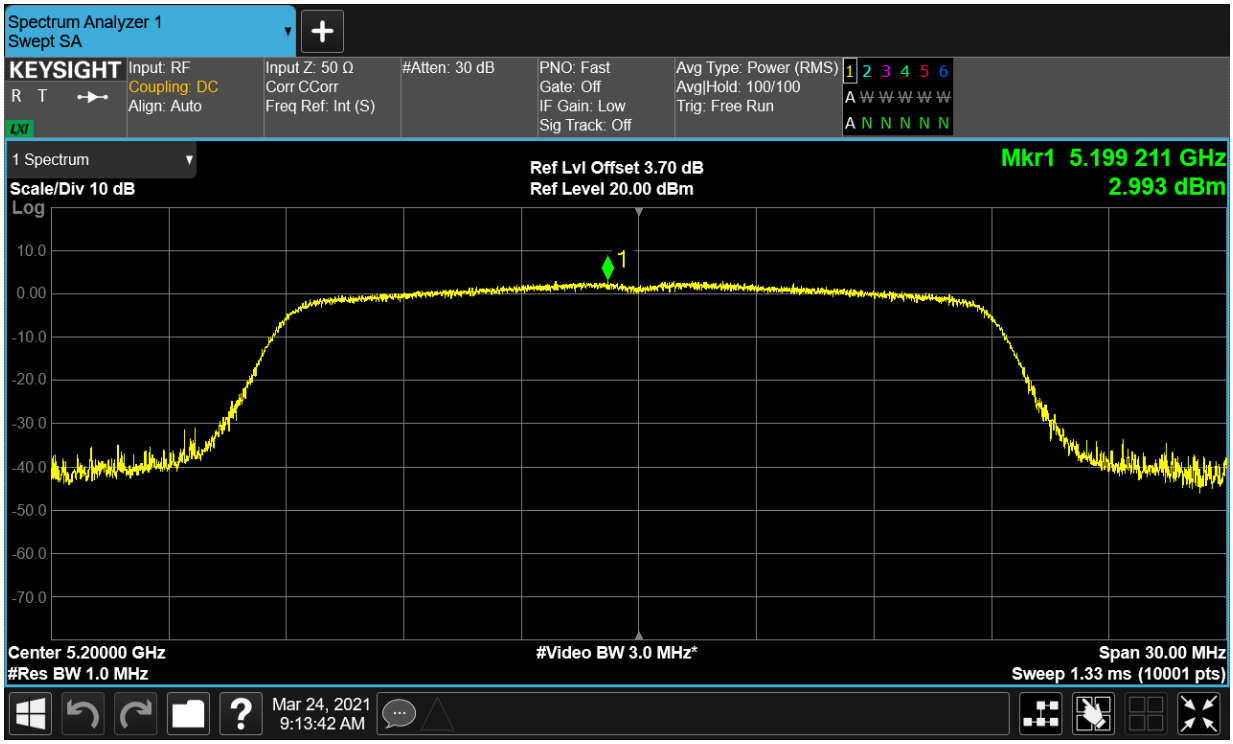
PSD NVNT a 5240MHz Ant1



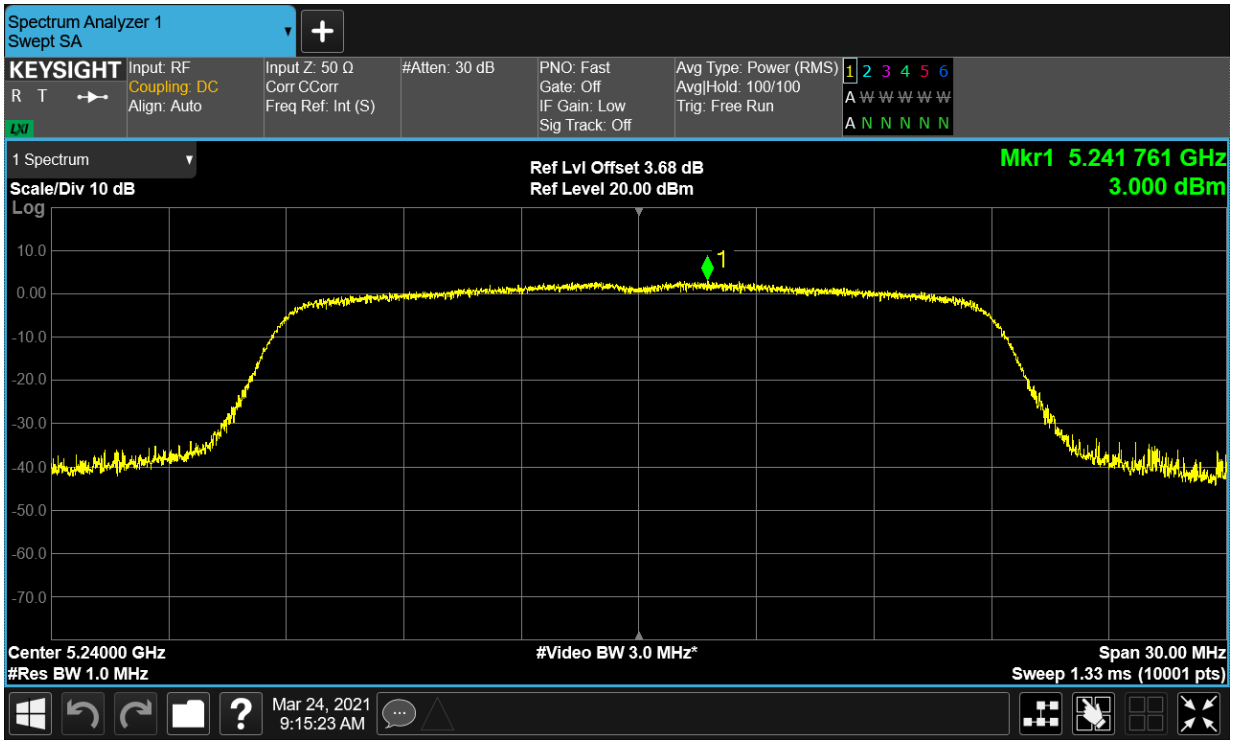
PSD NVNT ac20 5180MHz Ant1



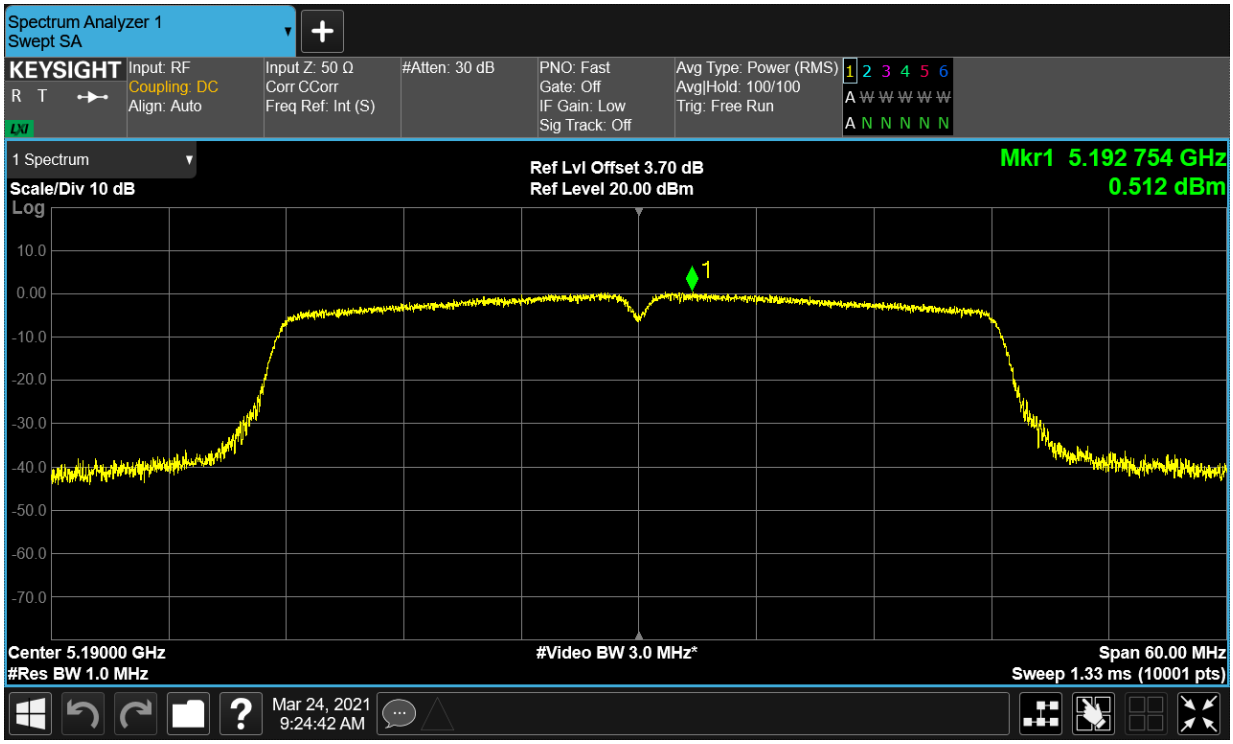
PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



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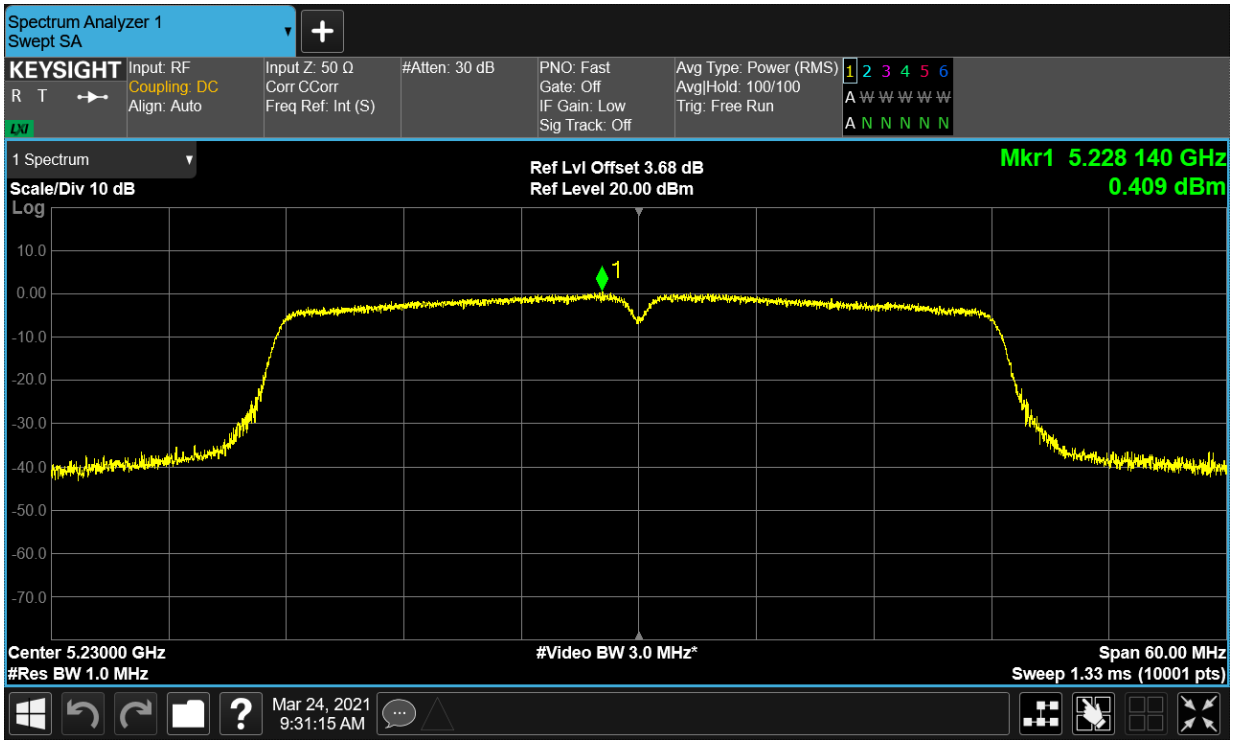

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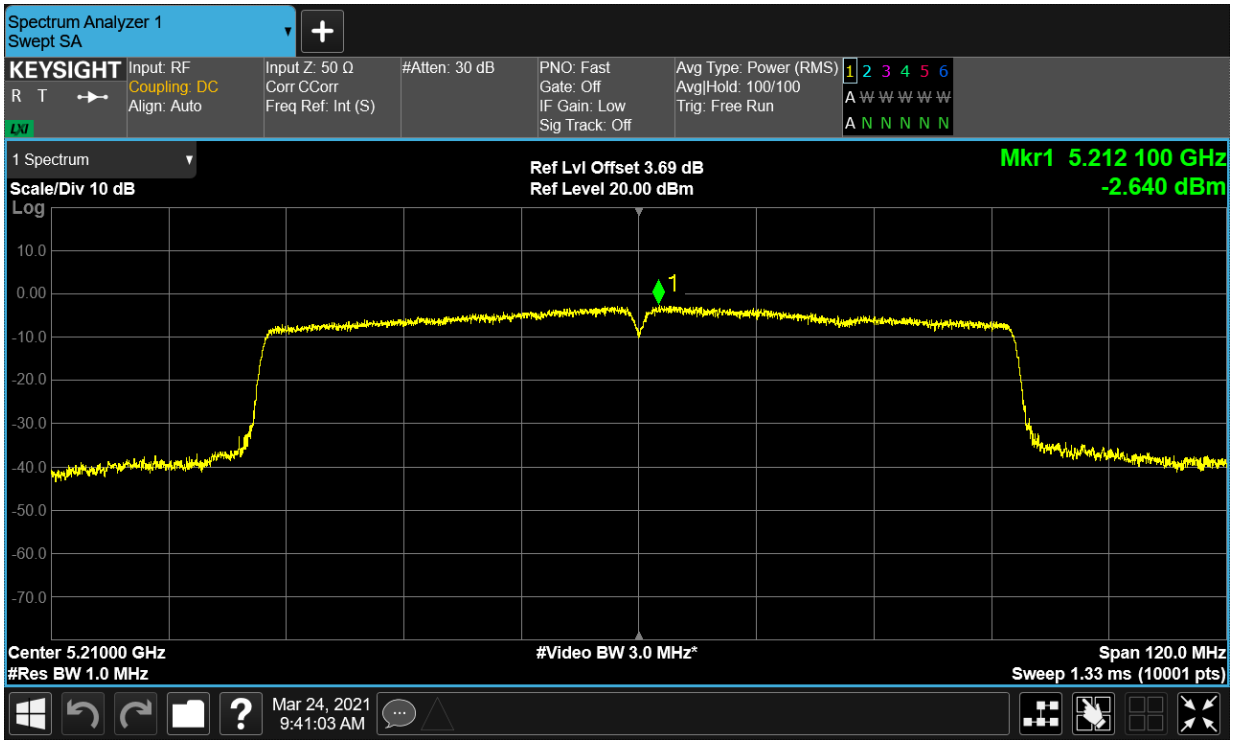
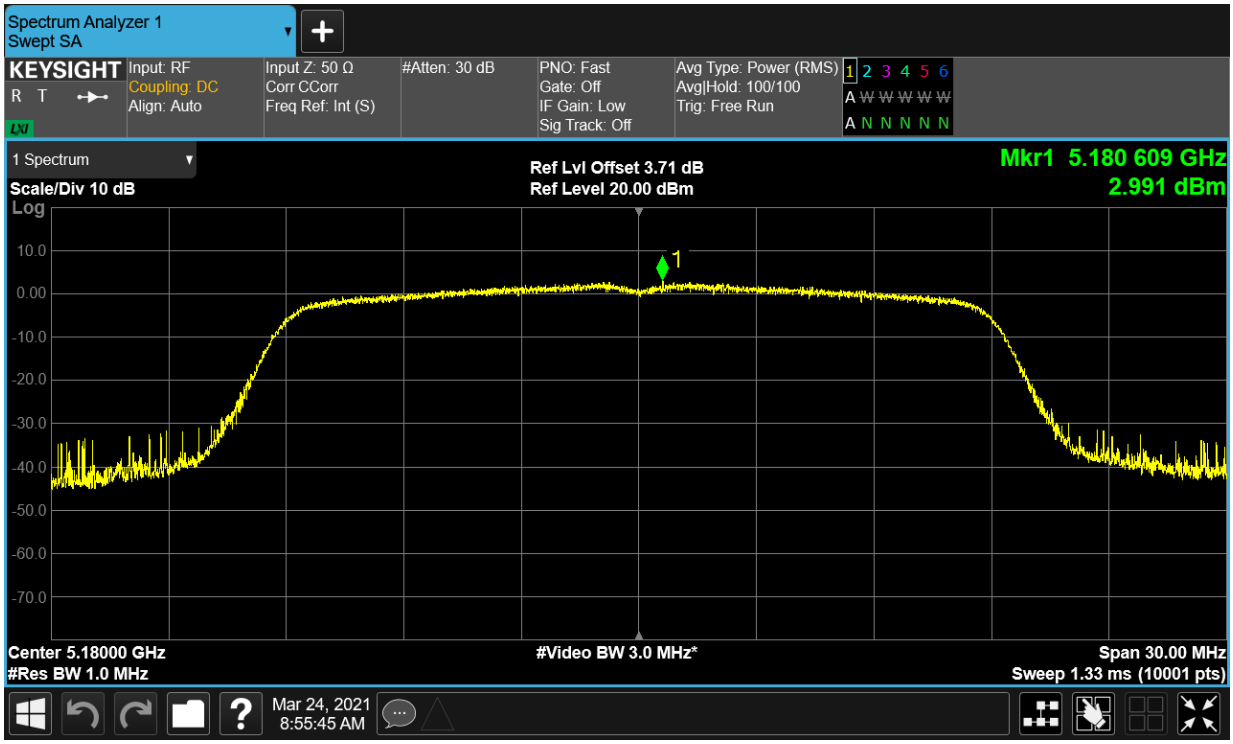


PSD NVNT n20 5180MHz Ant1



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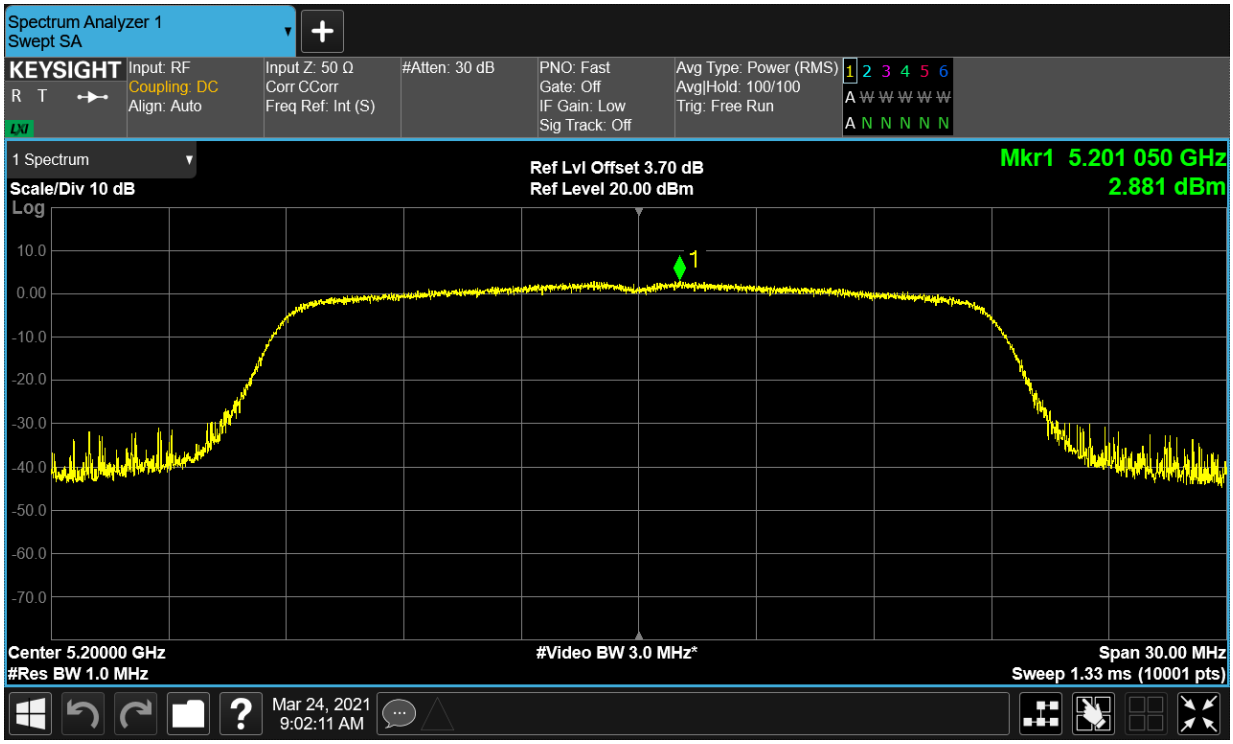

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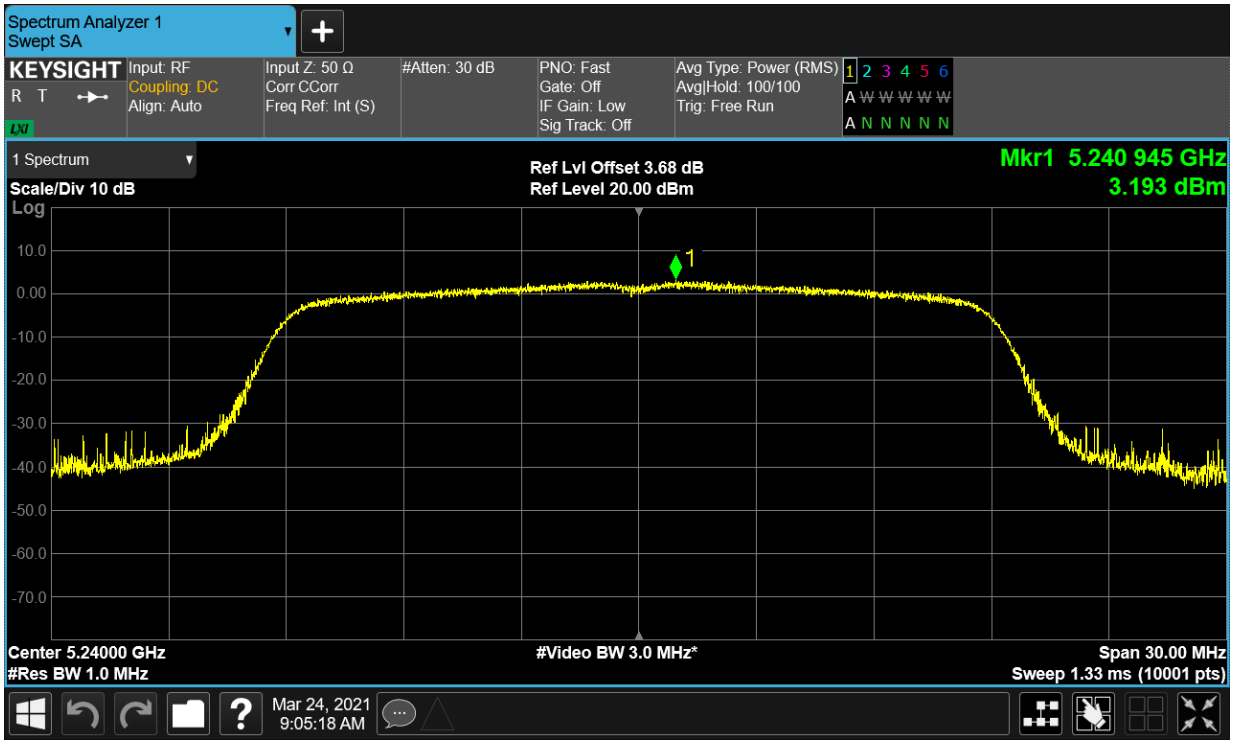

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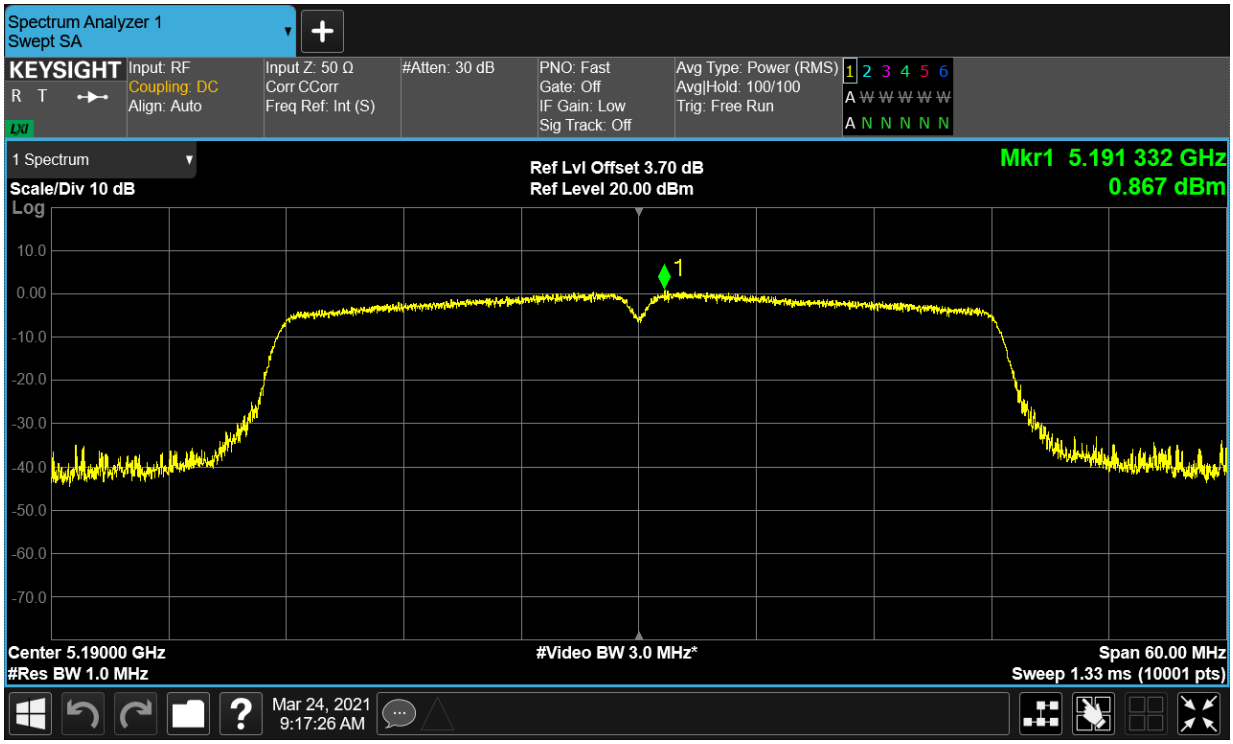

PSD NVNT n40 5230MHz Ant1