

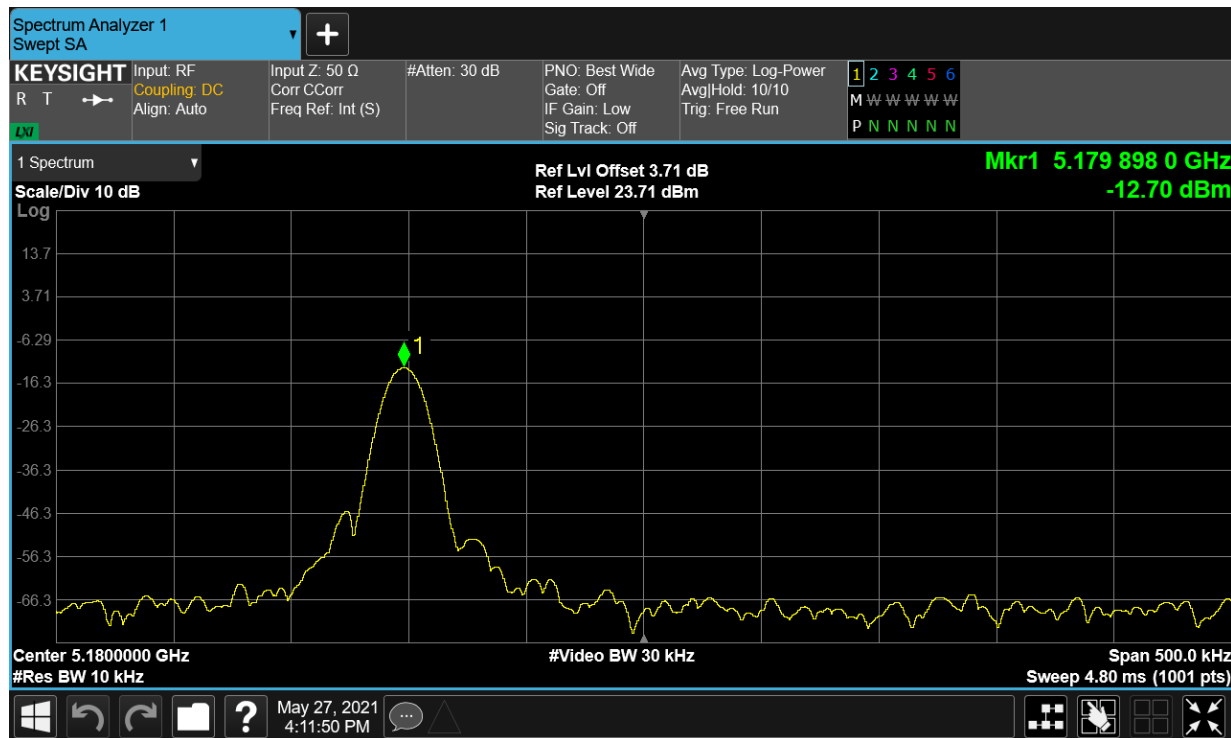
Test Data

Frequency Stability(wosrt case mode)

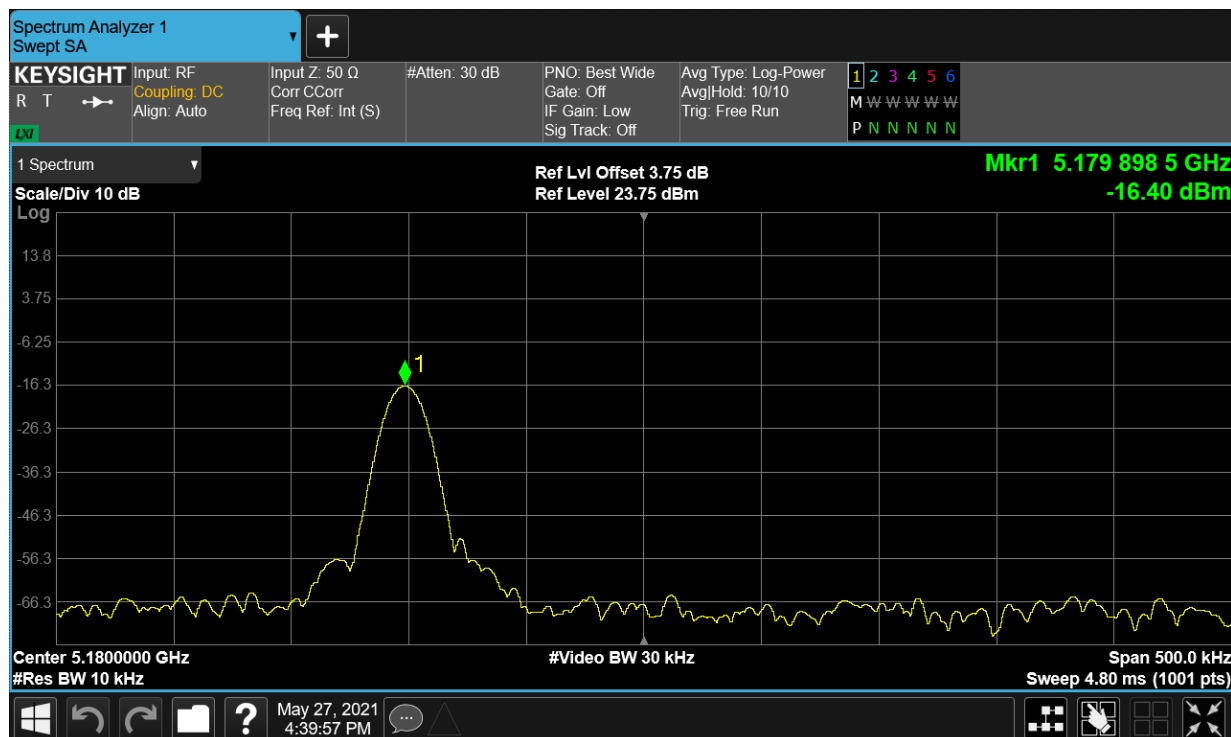
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5180	Ant1	5179.898	-19.69	25	Pass
HVHT	a	5180	Ant2	5179.8985	-19.59	25	Pass
HVLT	a	5180	Ant1	5179.898	-19.69	25	Pass
HVLT	a	5180	Ant2	5179.8985	-19.59	25	Pass
LVHT	a	5180	Ant1	5179.898	-19.69	25	Pass
LVHT	a	5180	Ant2	5179.8985	-19.59	25	Pass
LVLt	a	5180	Ant1	5179.898	-19.69	25	Pass
LVLt	a	5180	Ant2	5179.8995	-19.4	25	Pass
NVNT	a	5180	Ant1	5179.8985	-19.59	25	Pass
NVNT	a	5180	Ant2	5179.9	-19.31	25	Pass
HVHT	ac20	5180	MIMO	5179.896	-20.08	25	Pass
HVLT	ac20	5180	MIMO	5179.8965	-19.98	25	Pass
LVHT	ac20	5180	MIMO	5179.8965	-19.98	25	Pass
LVLt	ac20	5180	MIMO	5179.8965	-19.98	25	Pass
NVNT	ac20	5180	MIMO	5179.8965	-19.98	25	Pass
HVHT	ac40	5190	MIMO	5189.896	-20.04	25	Pass
HVLT	ac40	5190	MIMO	5189.896	-20.04	25	Pass
LVHT	ac40	5190	MIMO	5189.896	-20.04	25	Pass
LVLt	ac40	5190	MIMO	5189.896	-20.04	25	Pass
NVNT	ac40	5190	MIMO	5189.896	-20.04	25	Pass
HVHT	ac80	5210	MIMO	5209.8955	-20.06	25	Pass
HVLT	ac80	5210	MIMO	5209.8955	-20.06	25	Pass
LVHT	ac80	5210	MIMO	5209.8955	-20.06	25	Pass
LVLt	ac80	5210	MIMO	5209.8955	-20.06	25	Pass
NVNT	ac80	5210	MIMO	5209.8955	-20.06	25	Pass
HVHT	n20	5180	MIMO	5179.8955	-20.17	25	Pass
HVLT	n20	5180	MIMO	5179.8955	-20.17	25	Pass
LVHT	n20	5180	MIMO	5179.8955	-20.17	25	Pass
LVLt	n20	5180	MIMO	5179.8955	-20.17	25	Pass
NVNT	n20	5180	MIMO	5179.8955	-20.17	25	Pass
HVHT	n40	5190	MIMO	5189.896	-20.04	25	Pass
HVLT	n40	5190	MIMO	5189.896	-20.04	25	Pass
LVHT	n40	5190	MIMO	5189.896	-20.04	25	Pass
LVLt	n40	5190	MIMO	5189.896	-20.04	25	Pass
NVNT	n40	5190	MIMO	5189.896	-20.04	25	Pass

Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

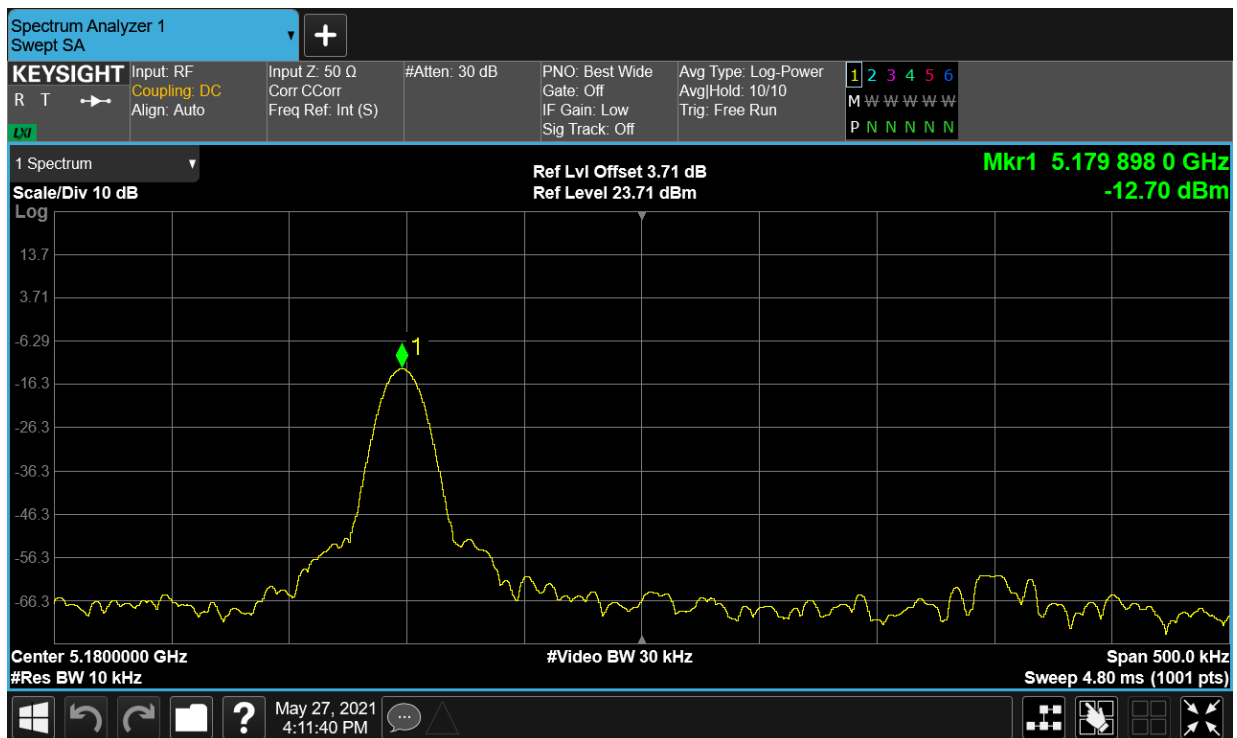
Freq. Stability HVHT a 5180MHz Ant1



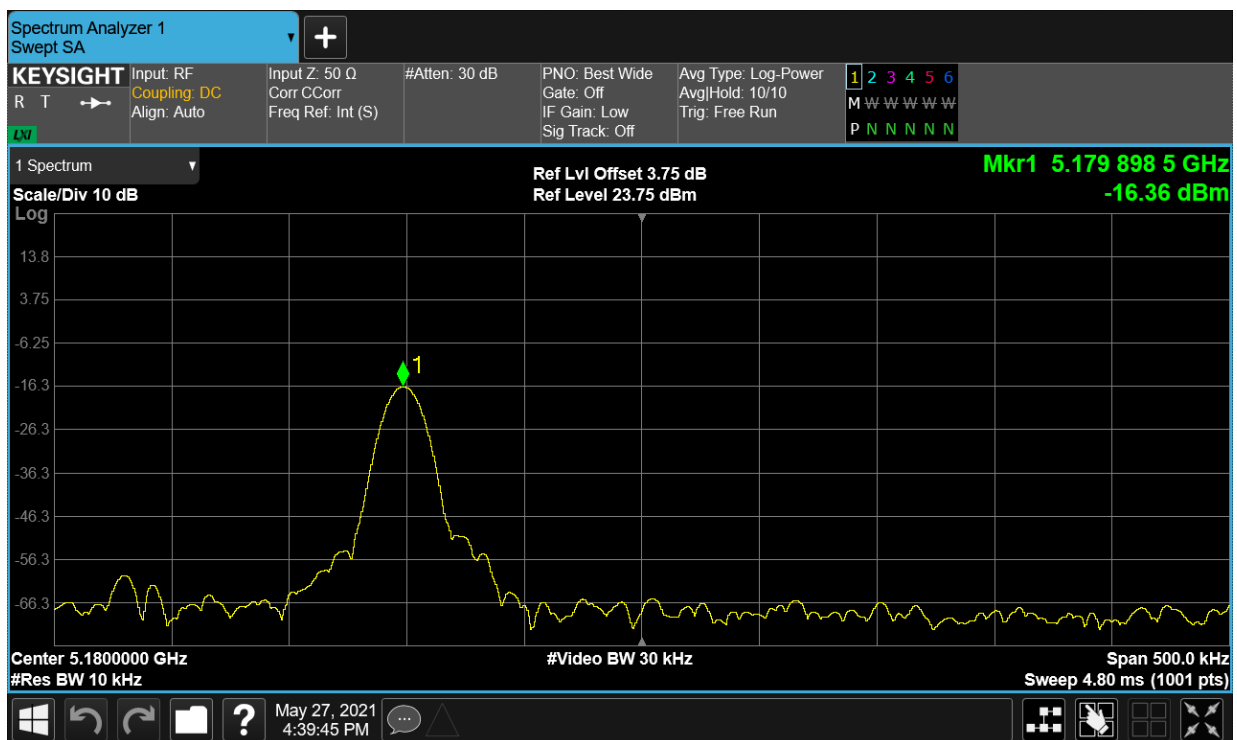
Freq. Stability HVHT a 5180MHz Ant2



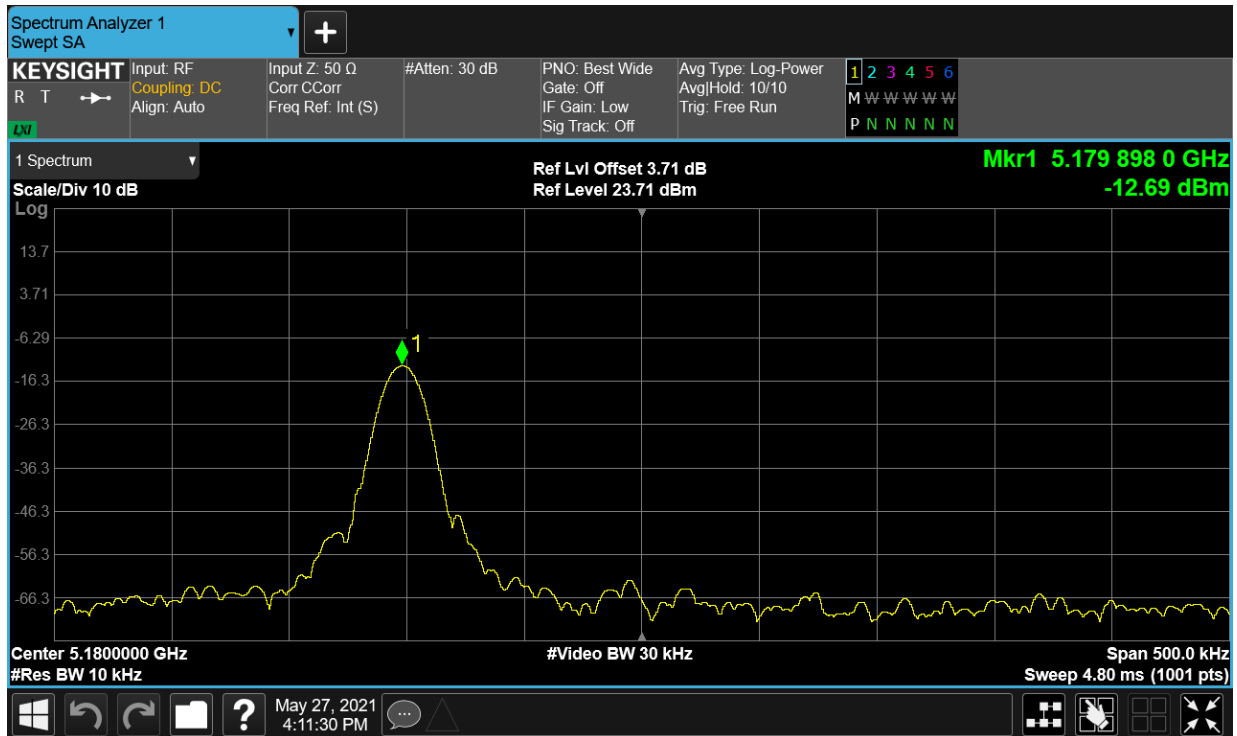
Freq. Stability HVLT a 5180MHz Ant1



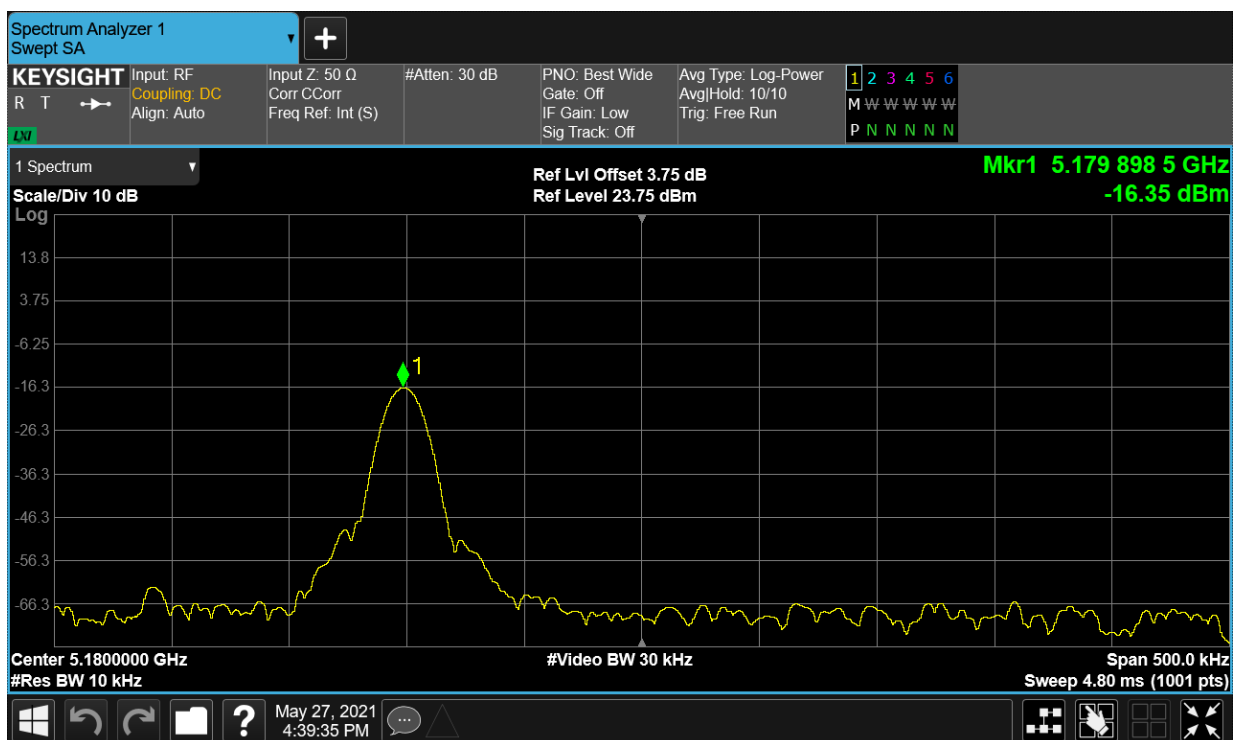
Freq. Stability HVLT a 5180MHz Ant2



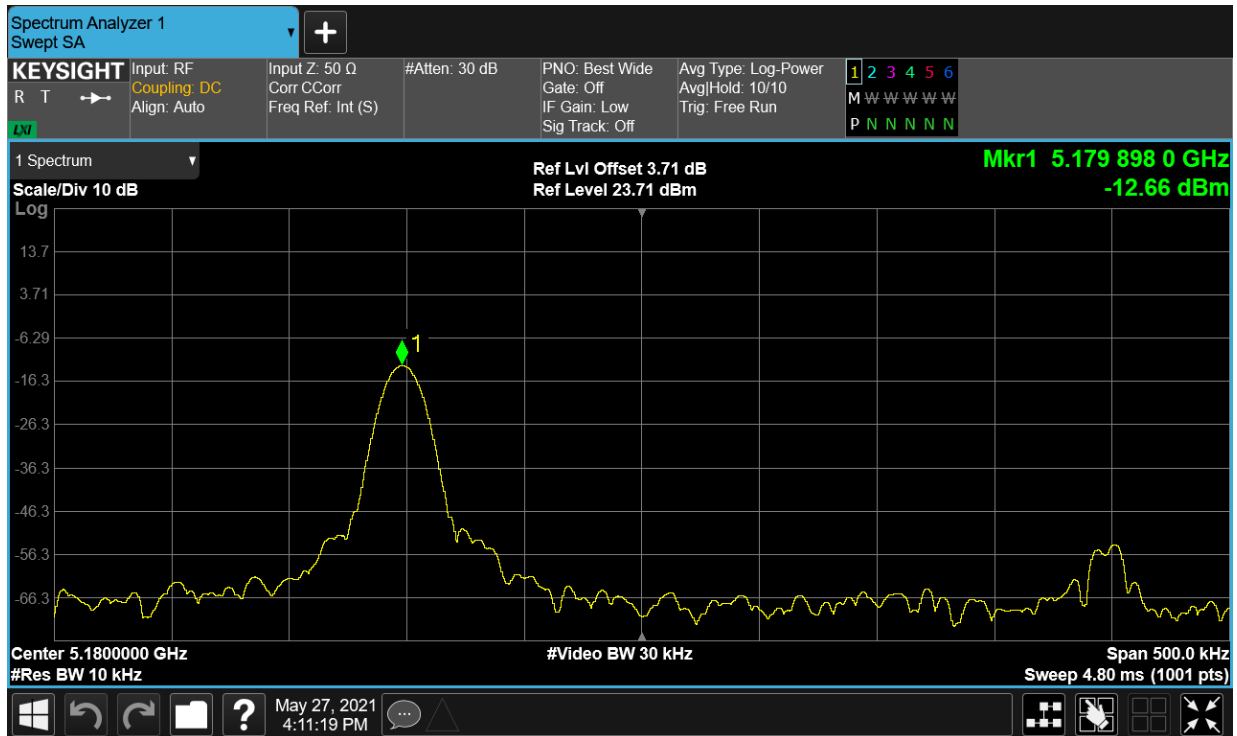
Freq. Stability LVHT a 5180MHz Ant1



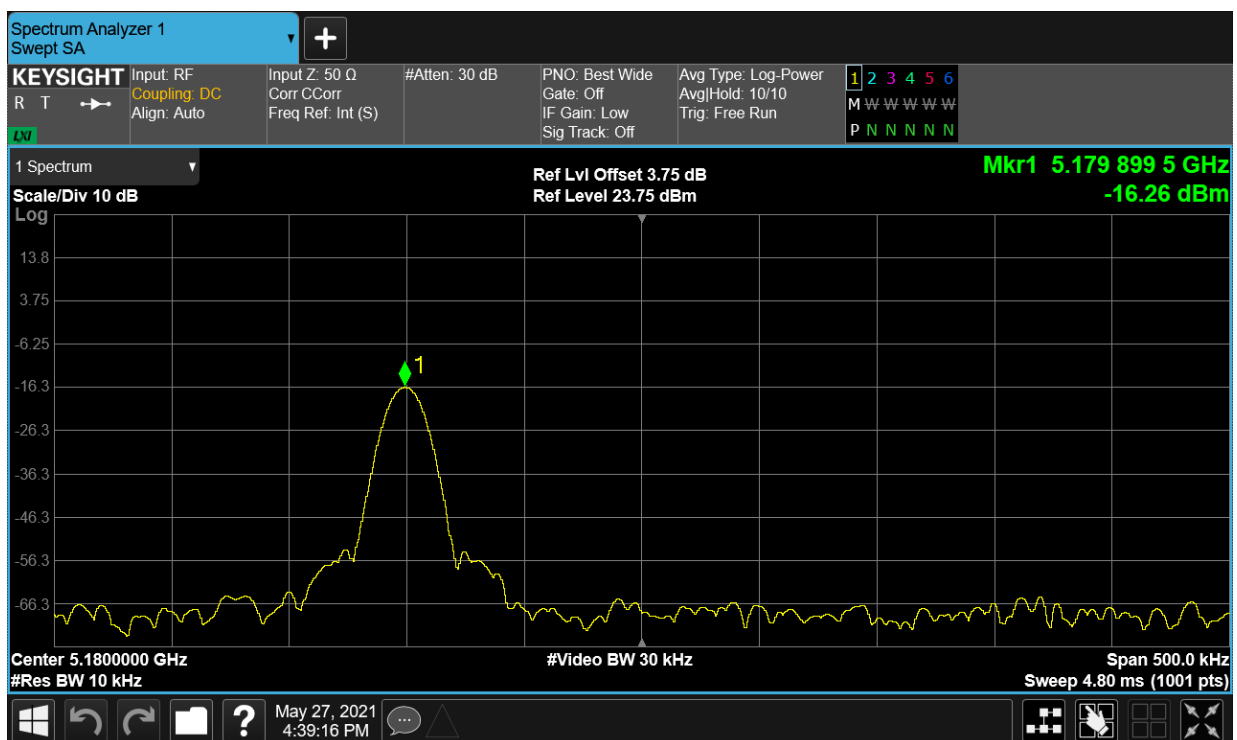
Freq. Stability LVHT a 5180MHz Ant2



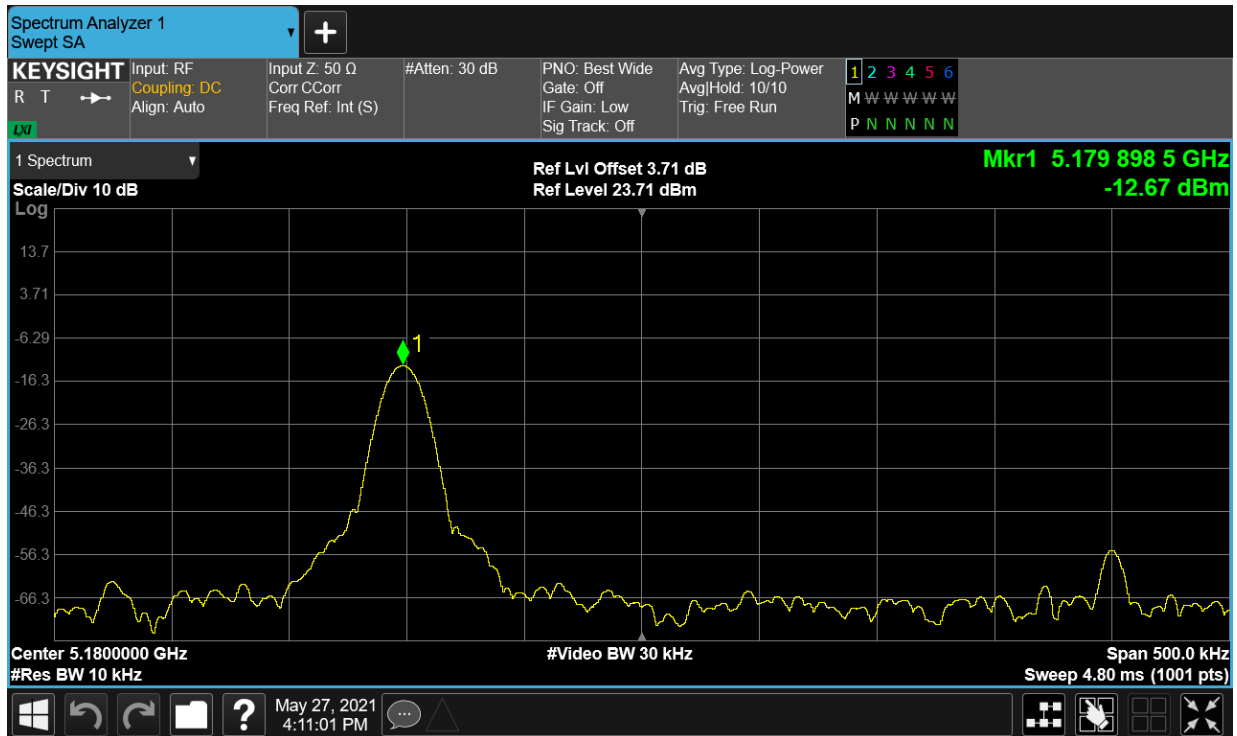
Freq. Stability LVLT a 5180MHz Ant1



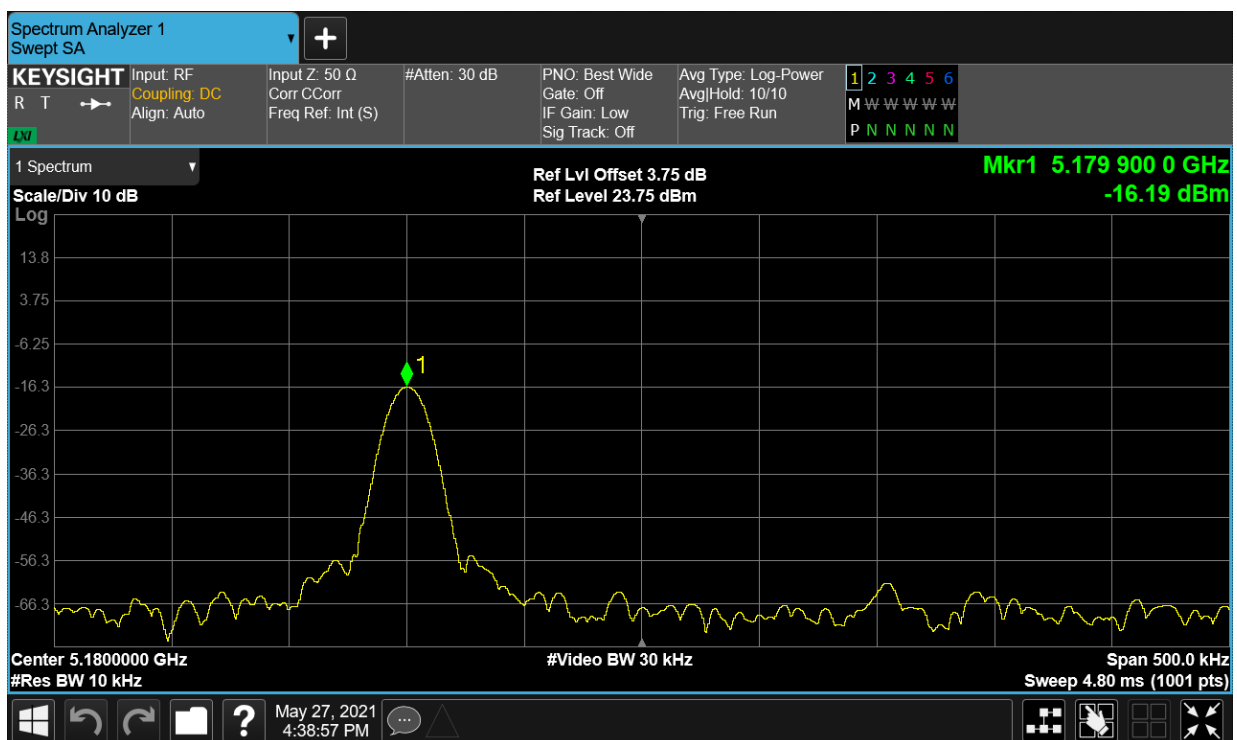
Freq. Stability LVLT a 5180MHz Ant2



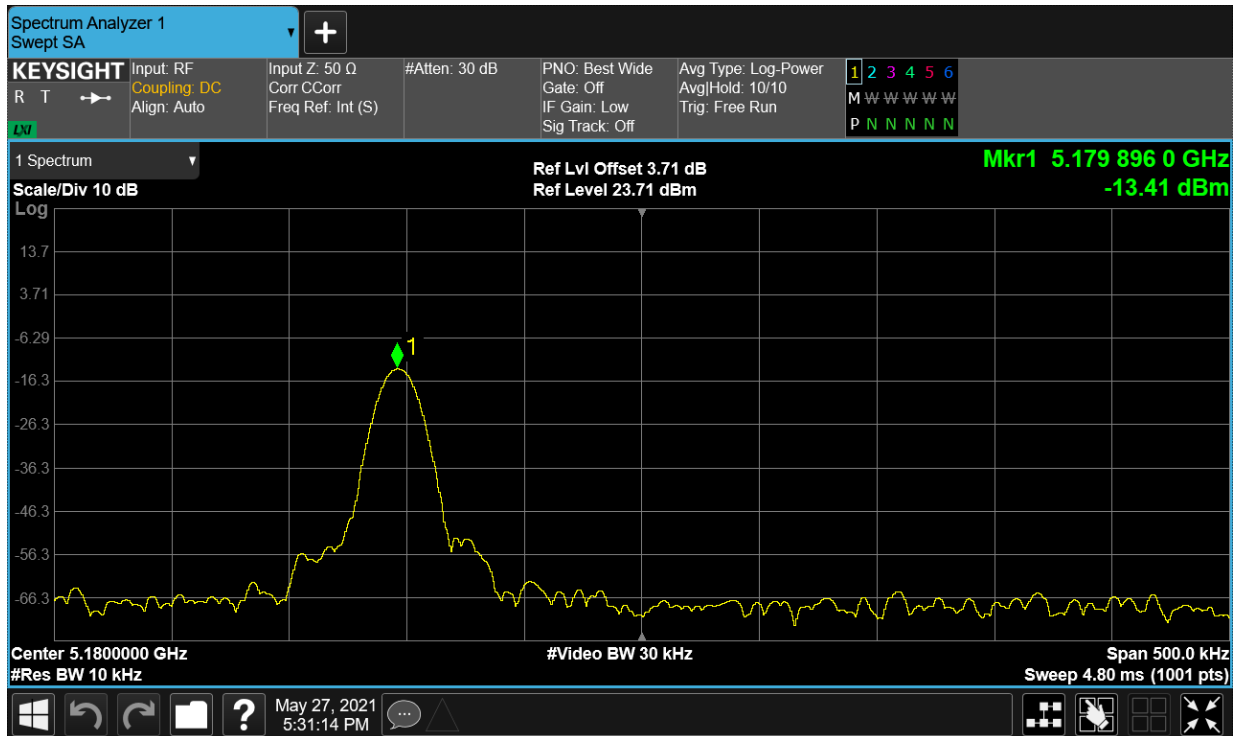
Freq. Stability NVNT a 5180MHz Ant1



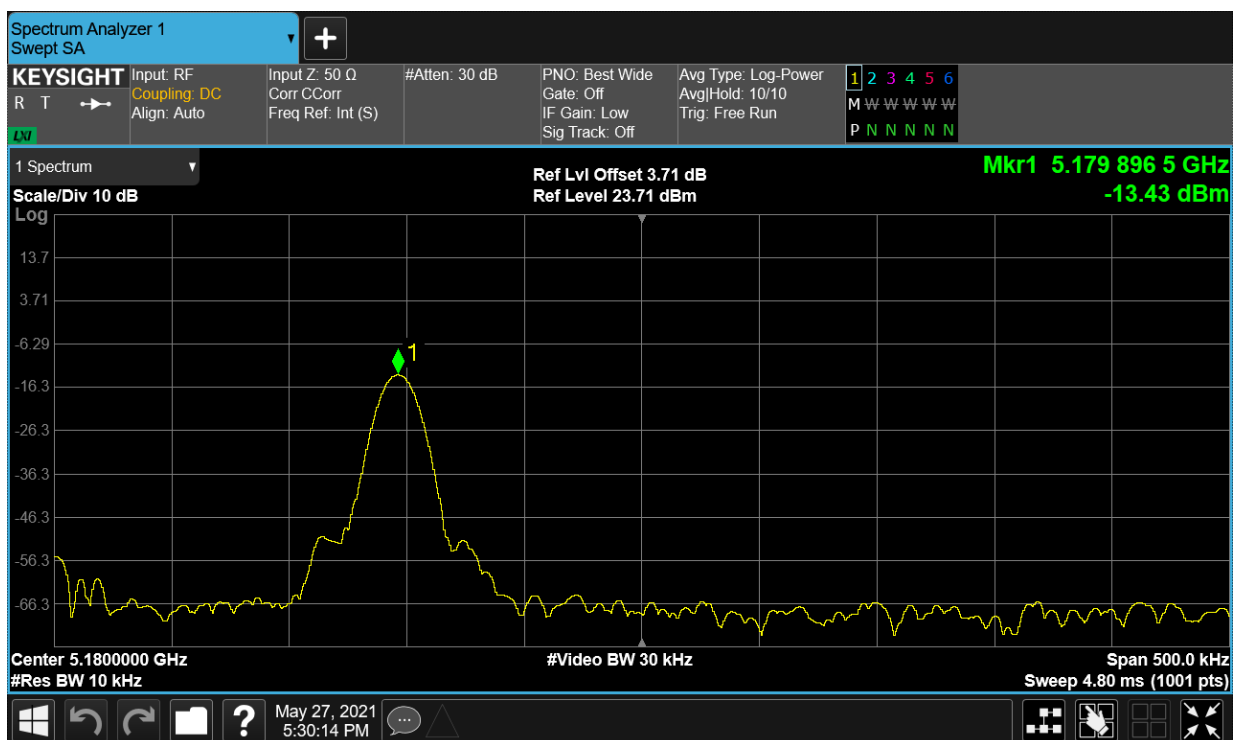
Freq. Stability NVNT a 5180MHz Ant2



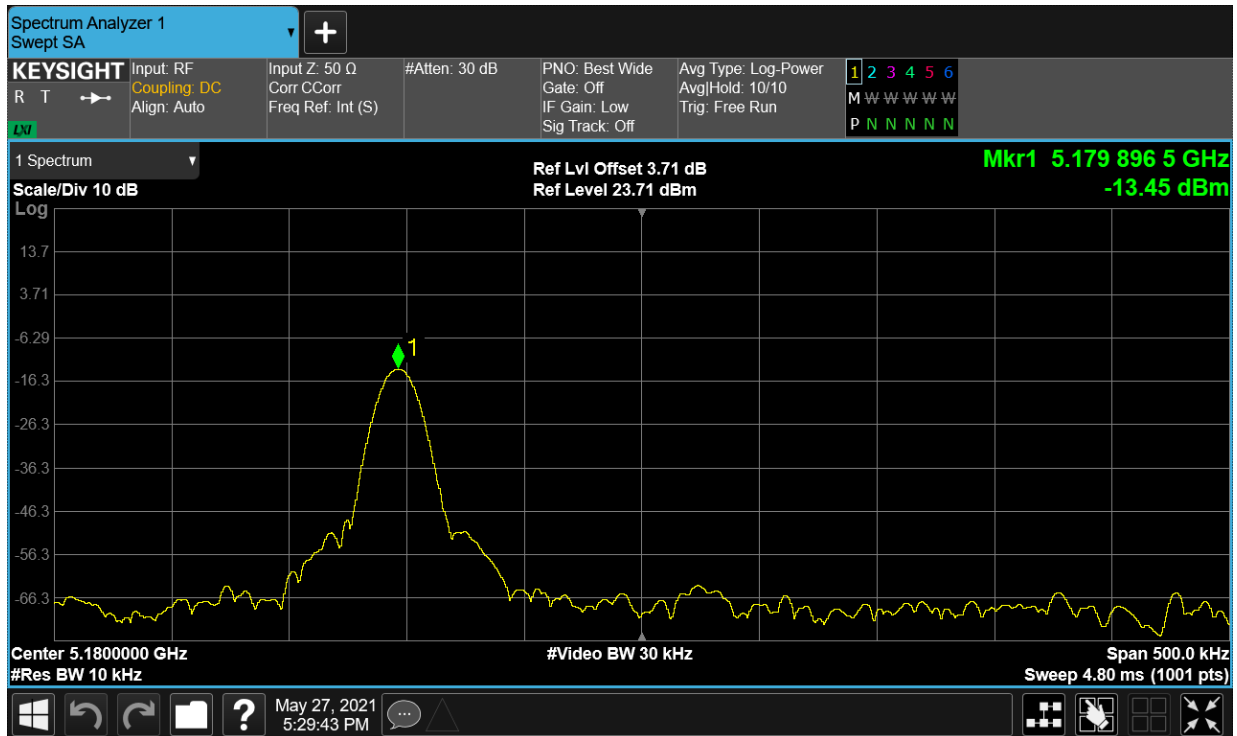
Freq. Stability HVHT ac20 5180MHz MIMO



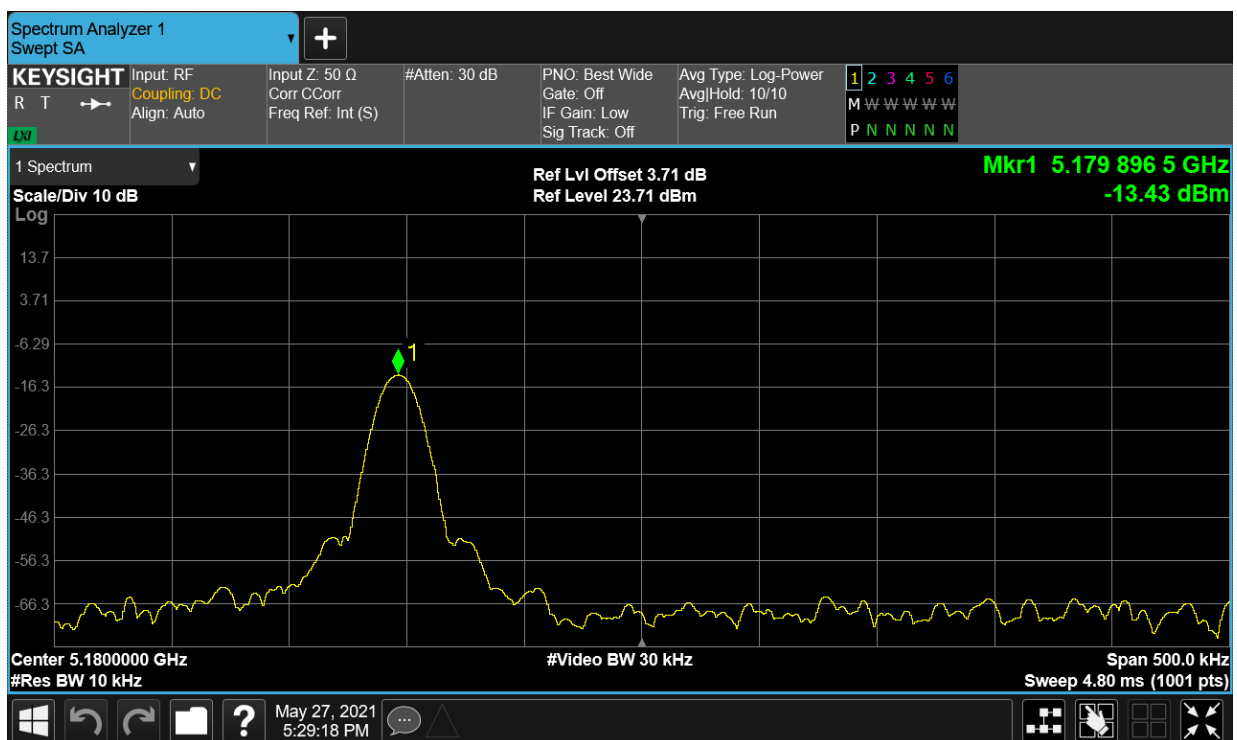
Freq. Stability HVLT ac20 5180MHz MIMO



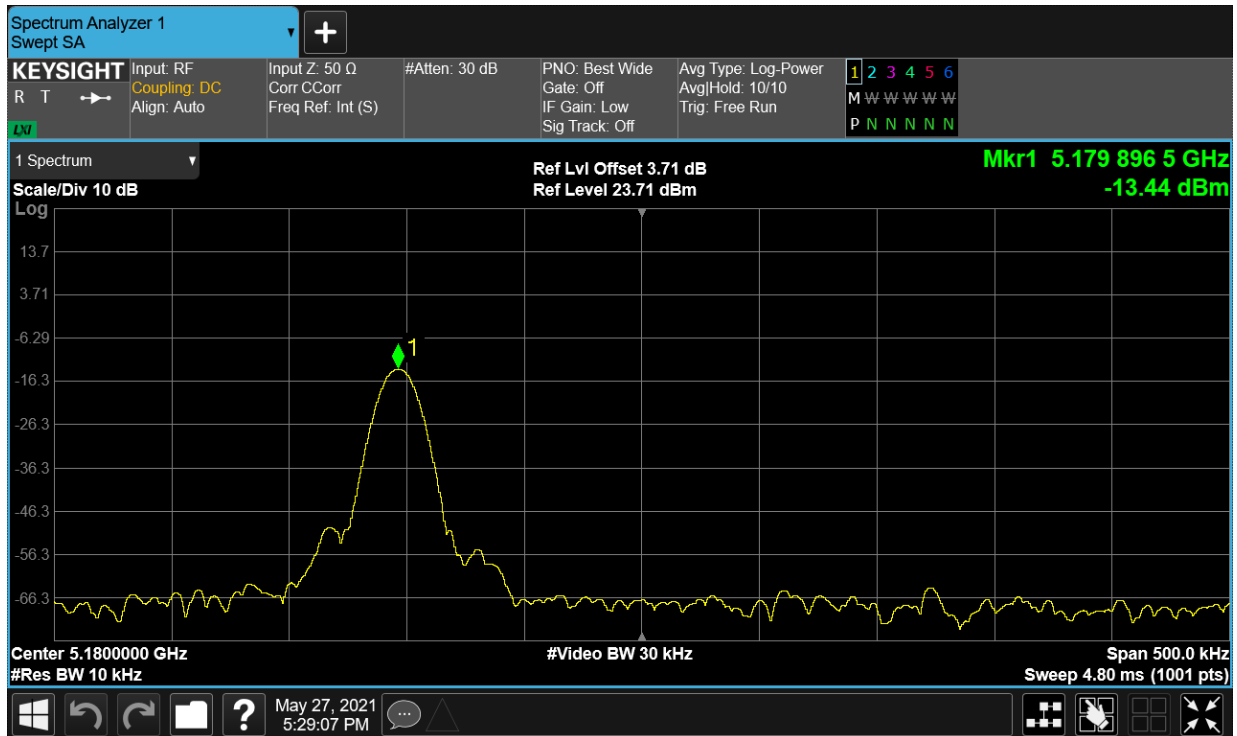
Freq. Stability LVHT ac20 5180MHz MIMO



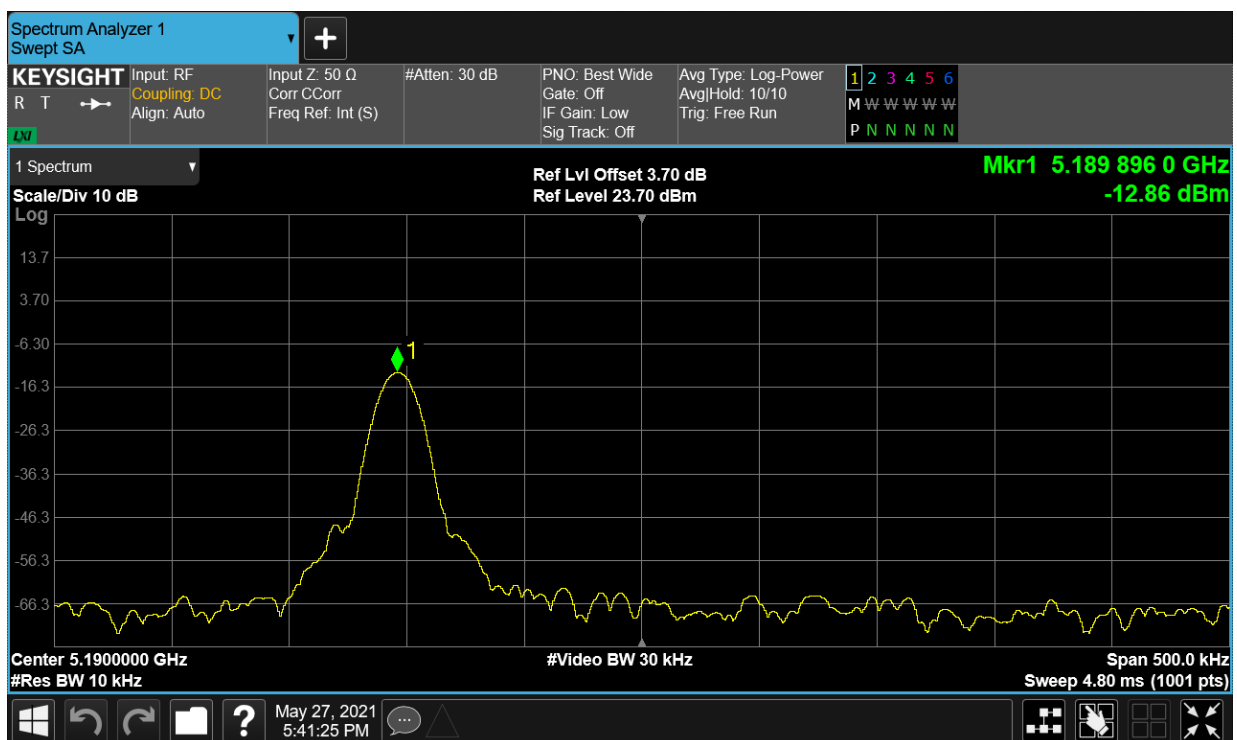
Freq. Stability LVLT ac20 5180MHz MIMO



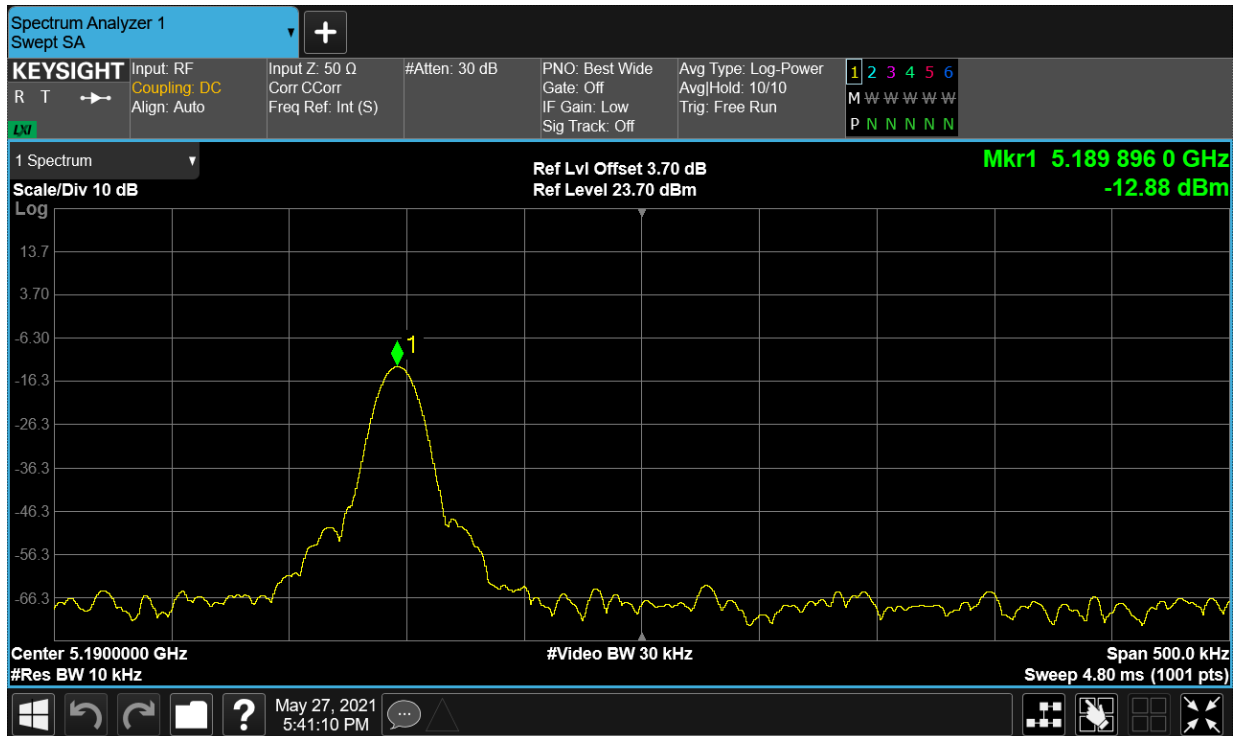
Freq. Stability NVNT ac20 5180MHz MIMO



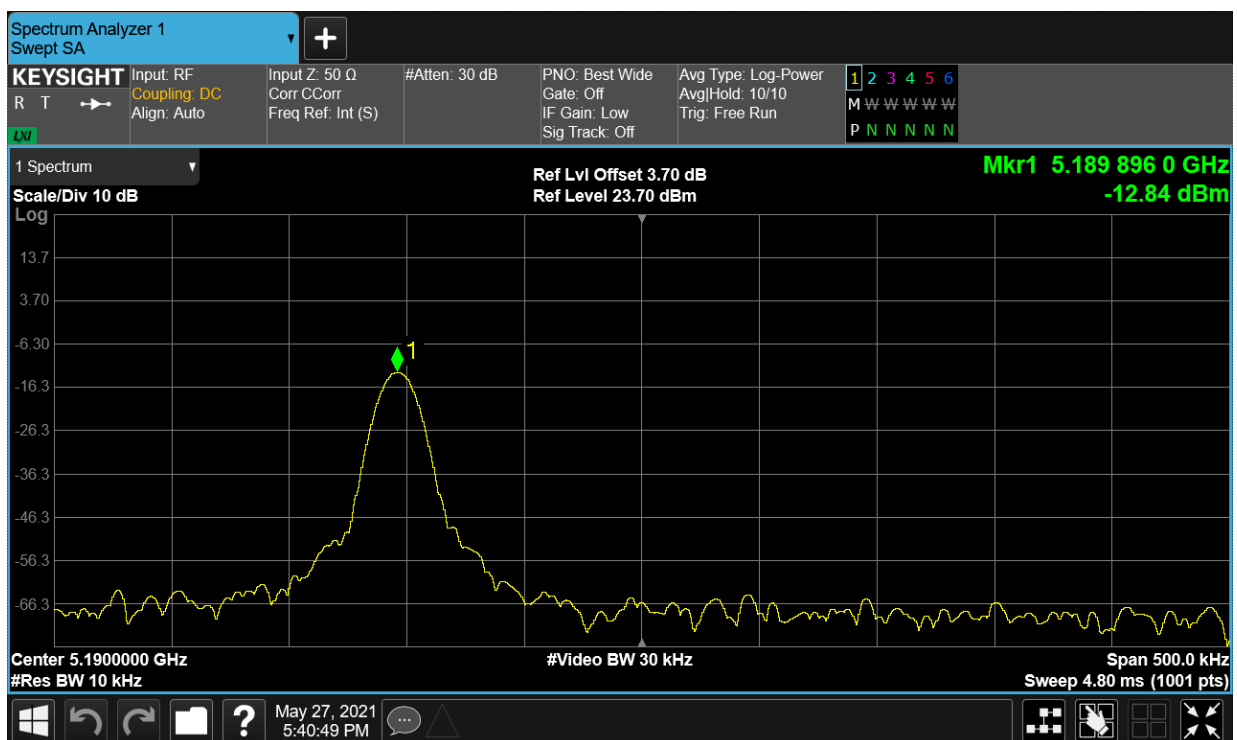
Freq. Stability HVHT ac40 5190MHz MIMO



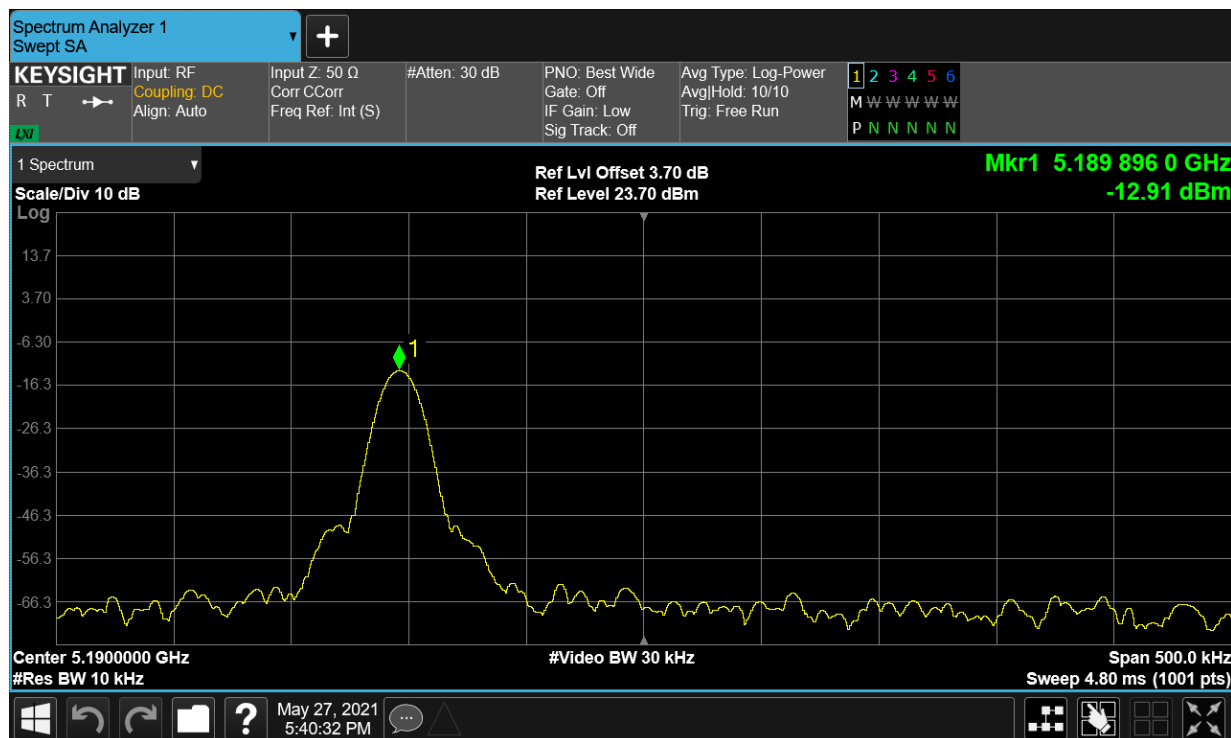
Freq. Stability HVLT ac40 5190MHz MIMO



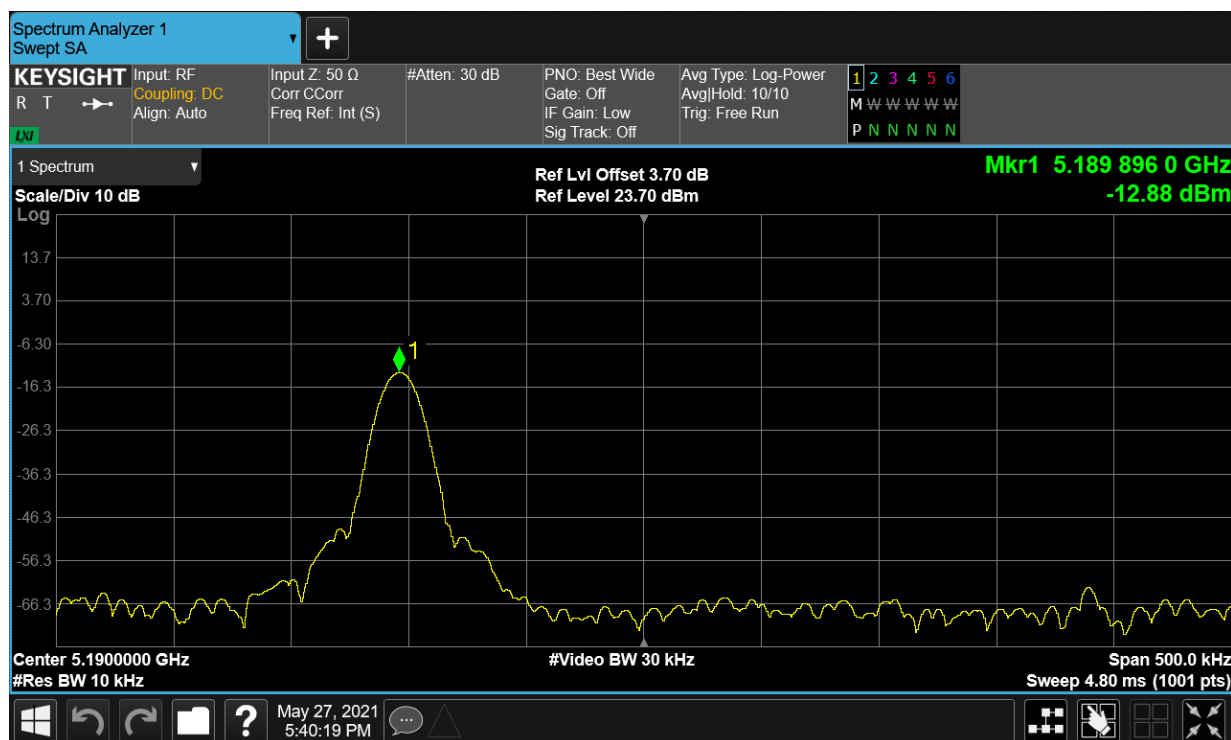
Freq. Stability LVHT ac40 5190MHz MIMO



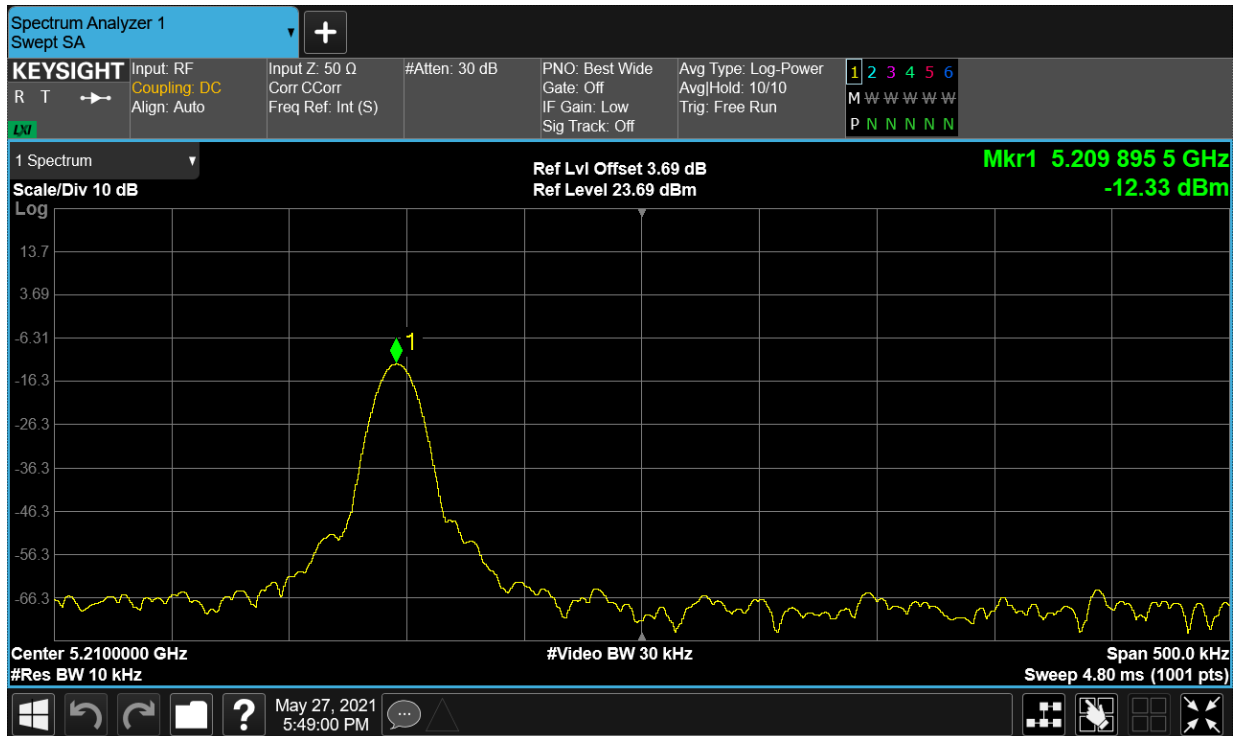
Freq. Stability LVLT ac40 5190MHz MIMO



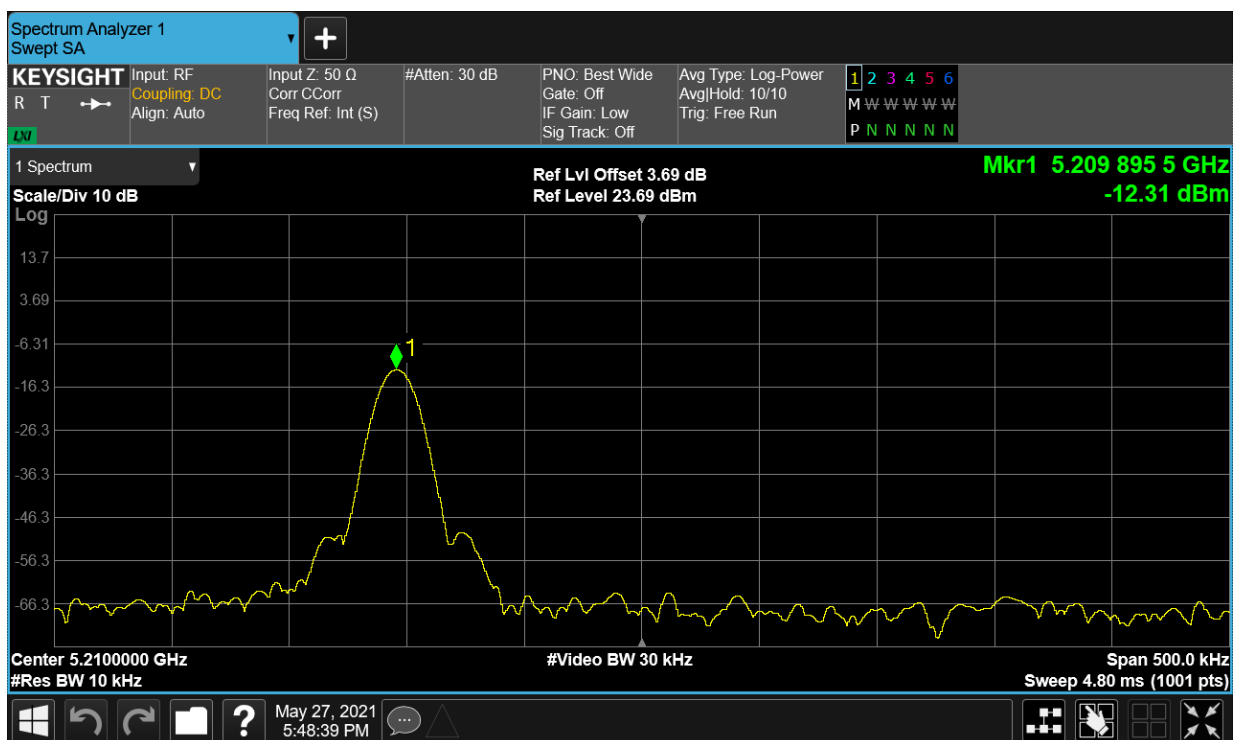
Freq. Stability NVNT ac40 5190MHz MIMO



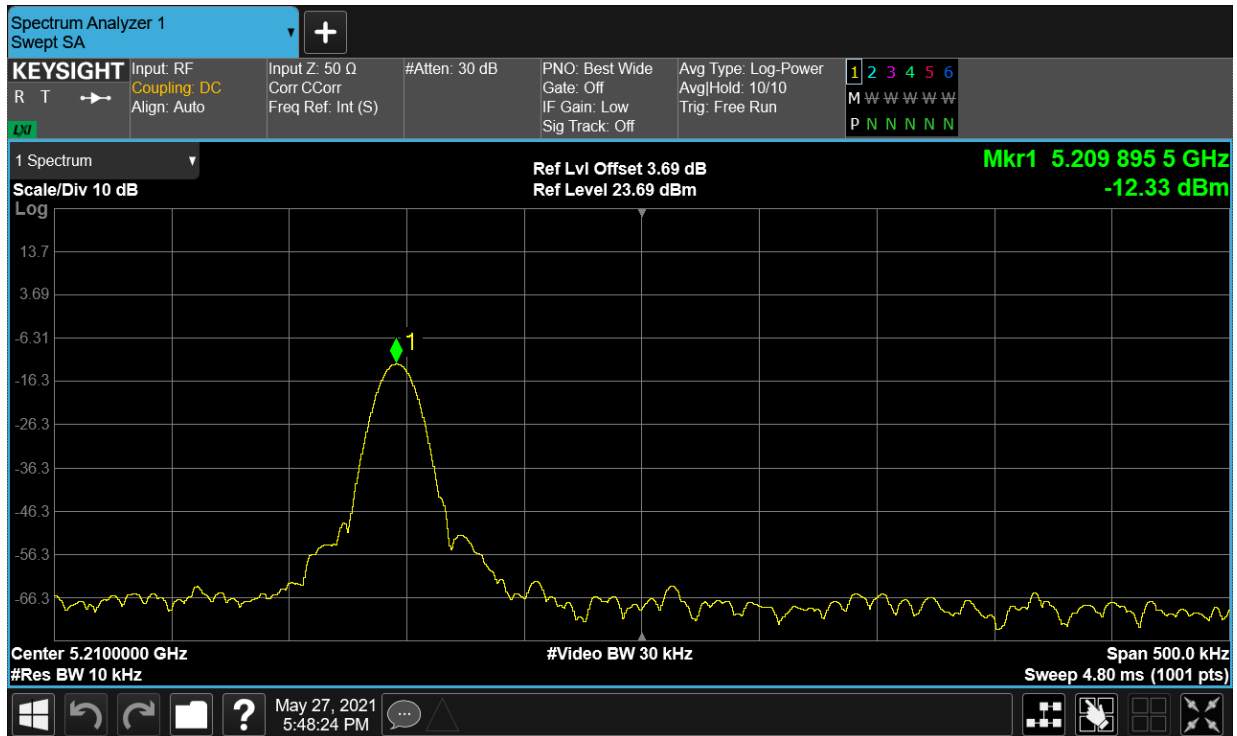
Freq. Stability HVHT ac80 5210MHz MIMO



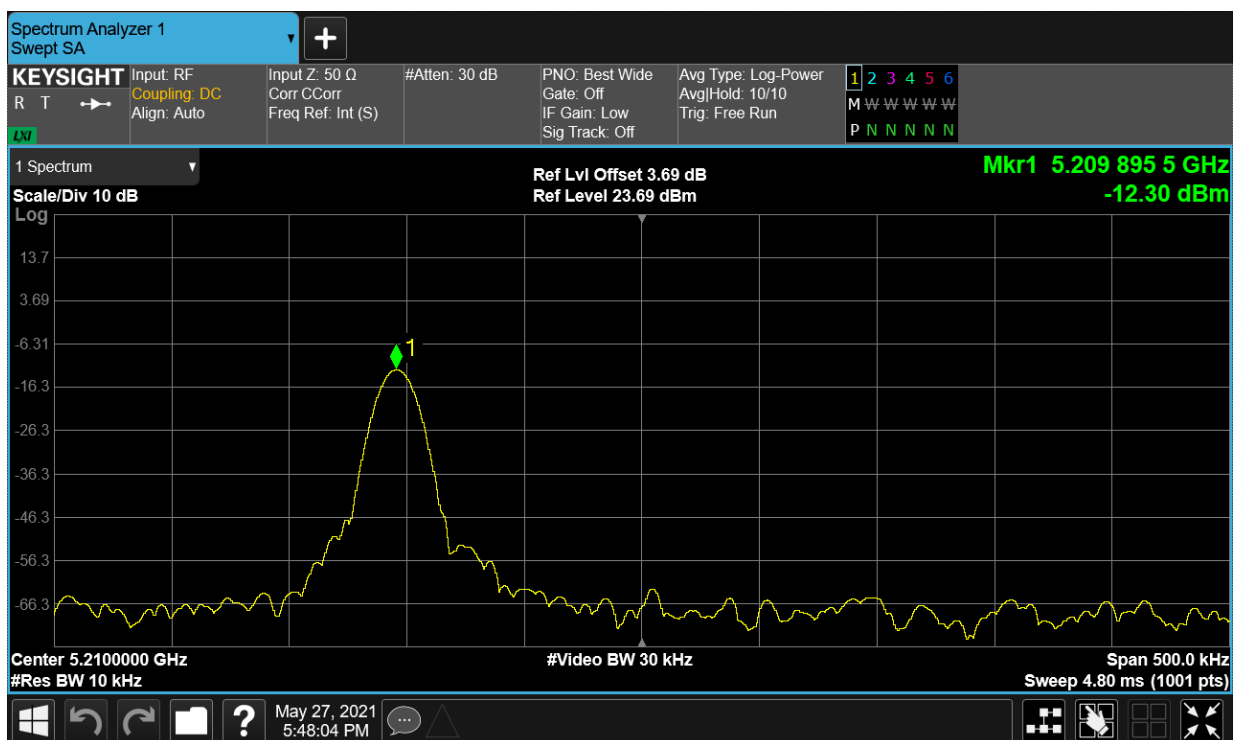
Freq. Stability HVLT ac80 5210MHz MIMO



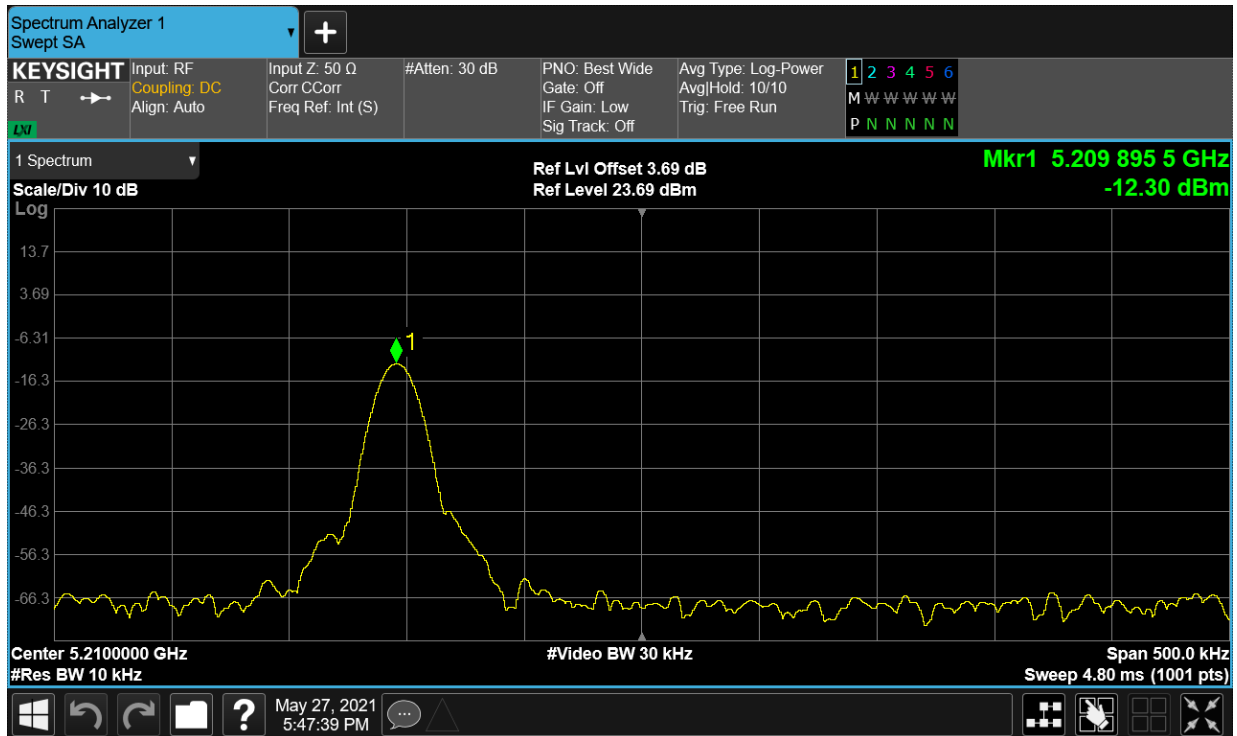
Freq. Stability LVHT ac80 5210MHz MIMO



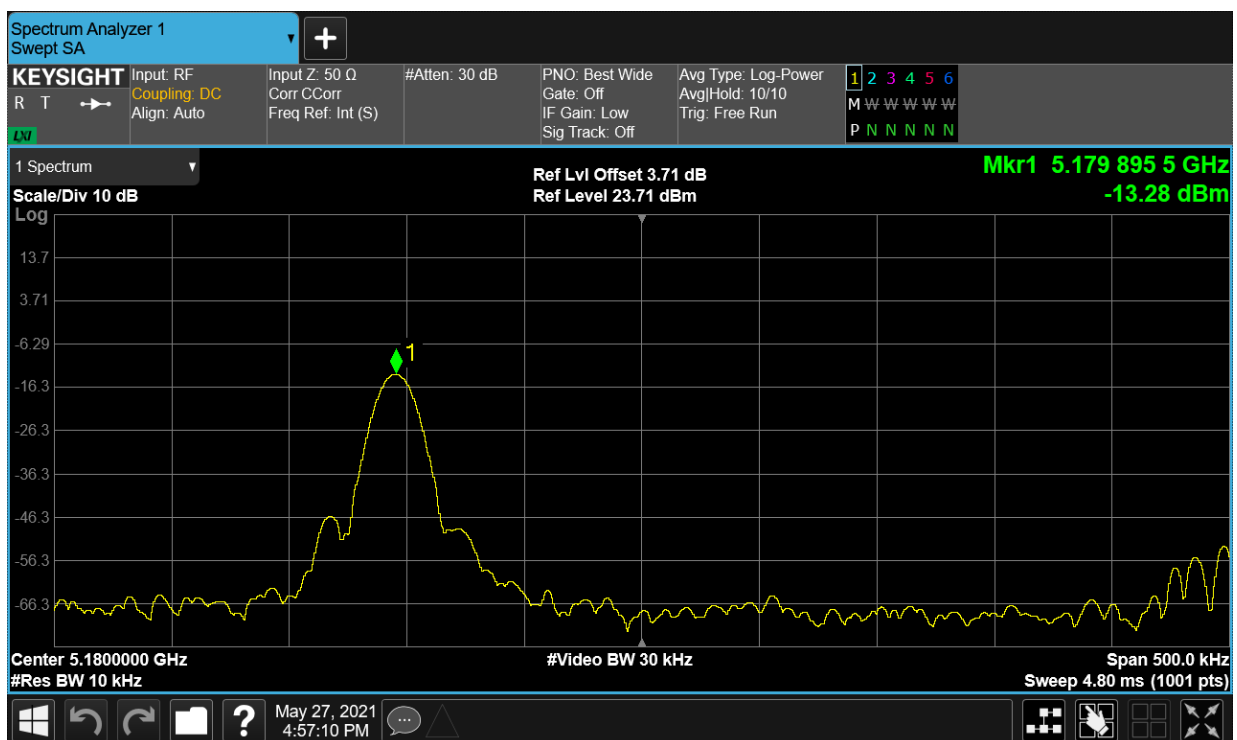
Freq. Stability LVLT ac80 5210MHz MIMO



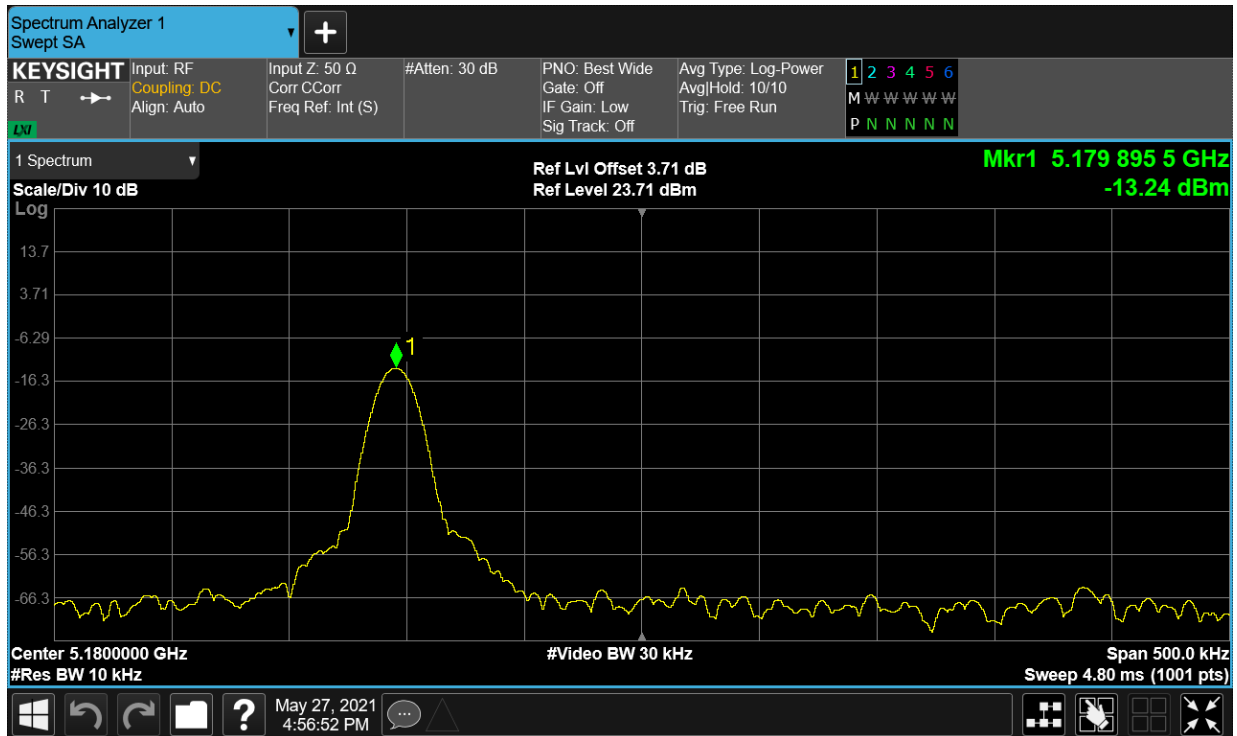
Freq. Stability NVNT ac80 5210MHz MIMO



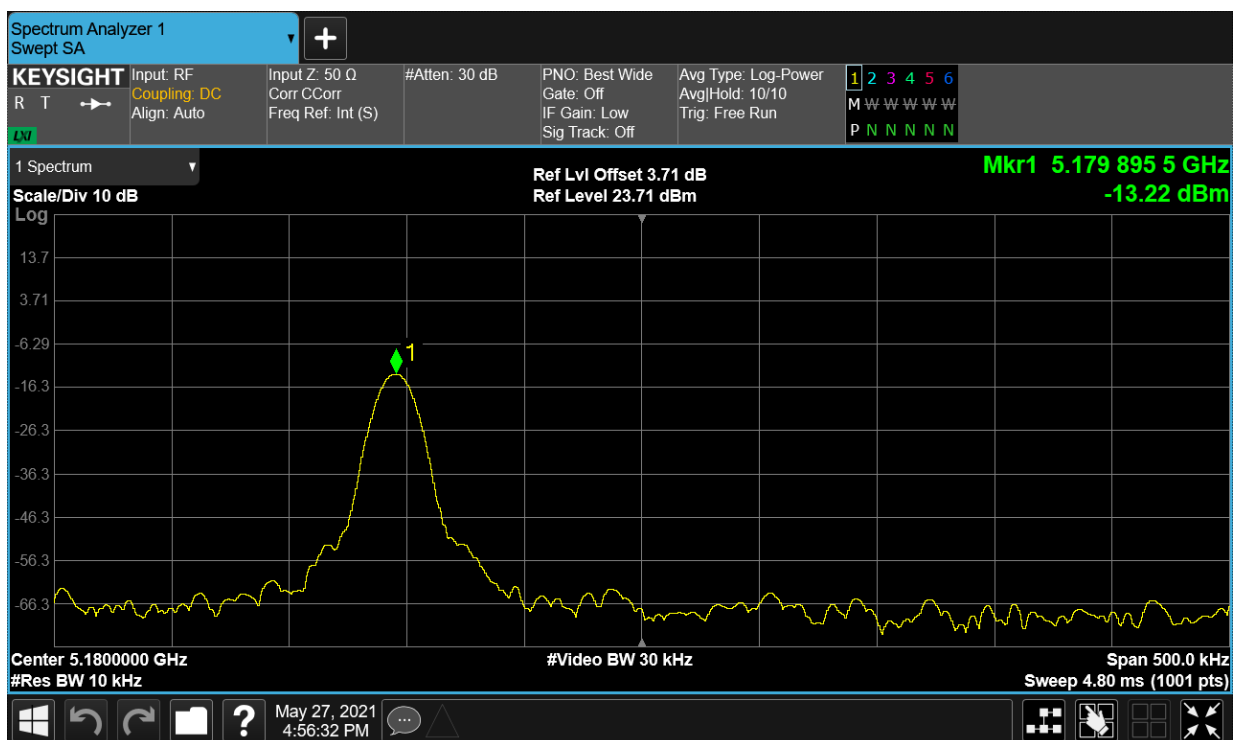
Freq. Stability HVHT n20 5180MHz MIMO



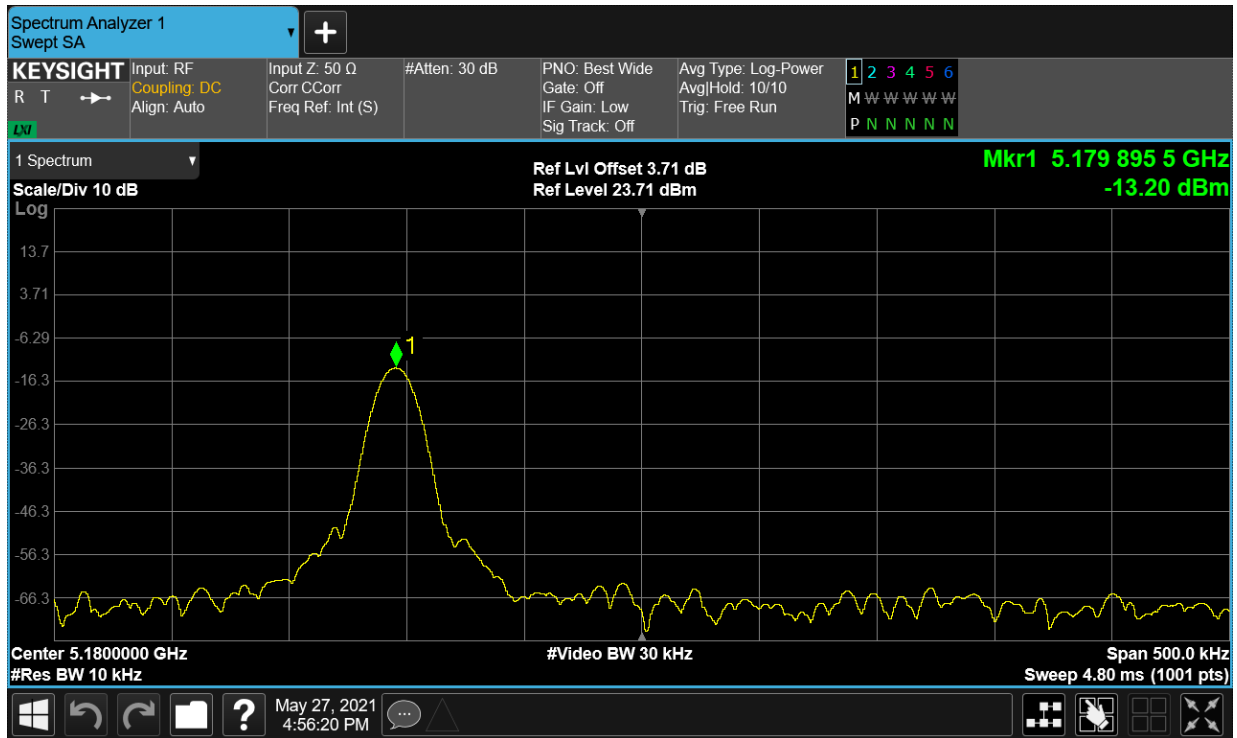
Freq. Stability HVLt n20 5180MHz MIMO



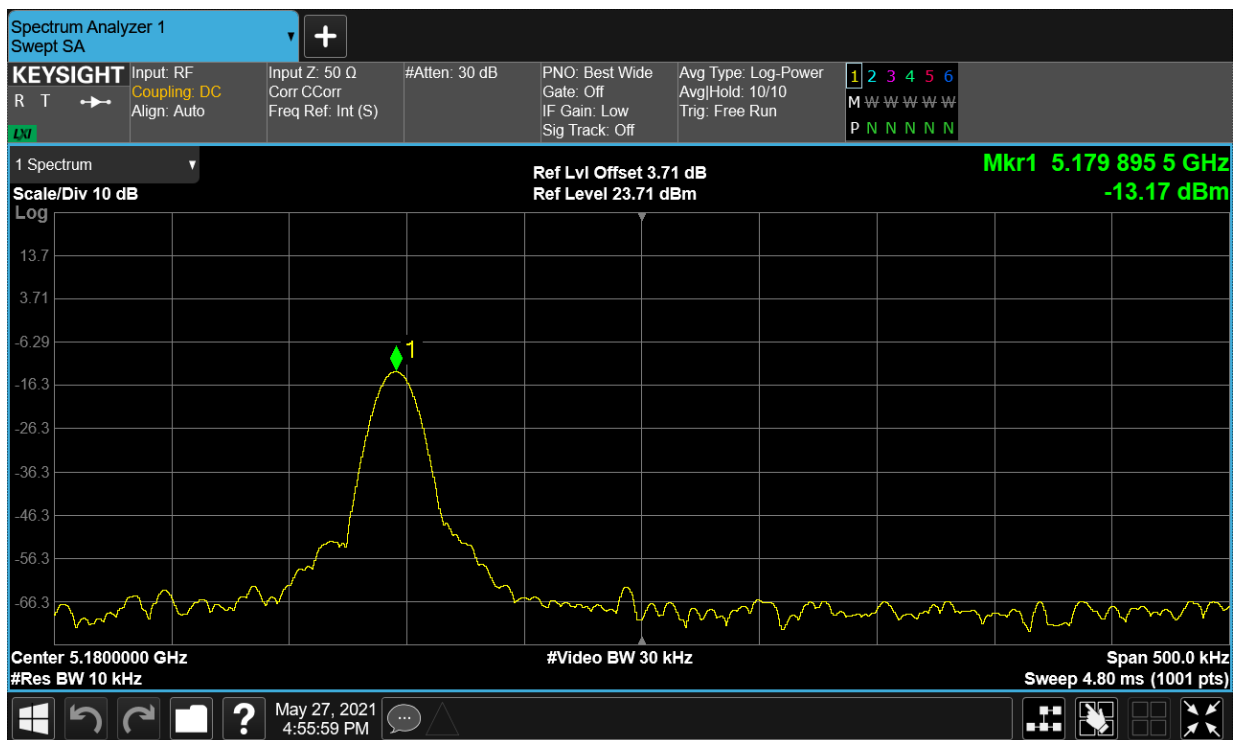
Freq. Stability LVHT n20 5180MHz MIMO



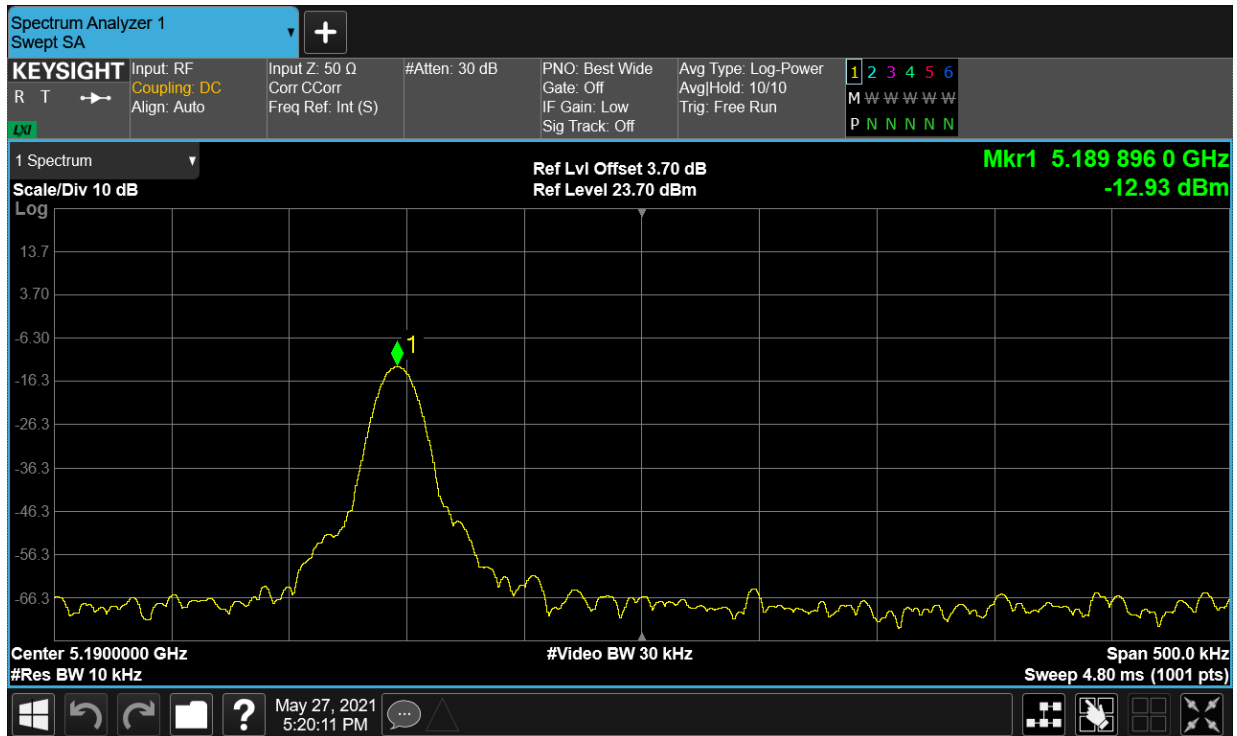
Freq. Stability LVLT n20 5180MHz MIMO



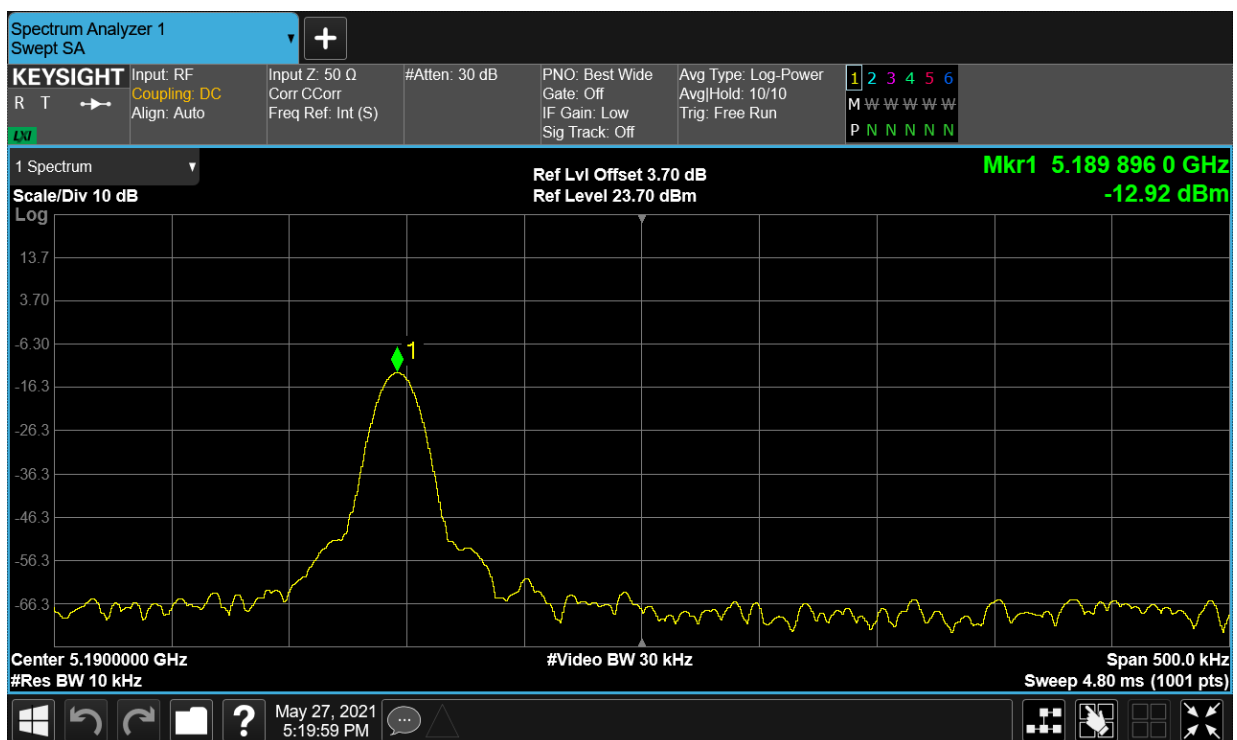
Freq. Stability NVNT n20 5180MHz MIMO



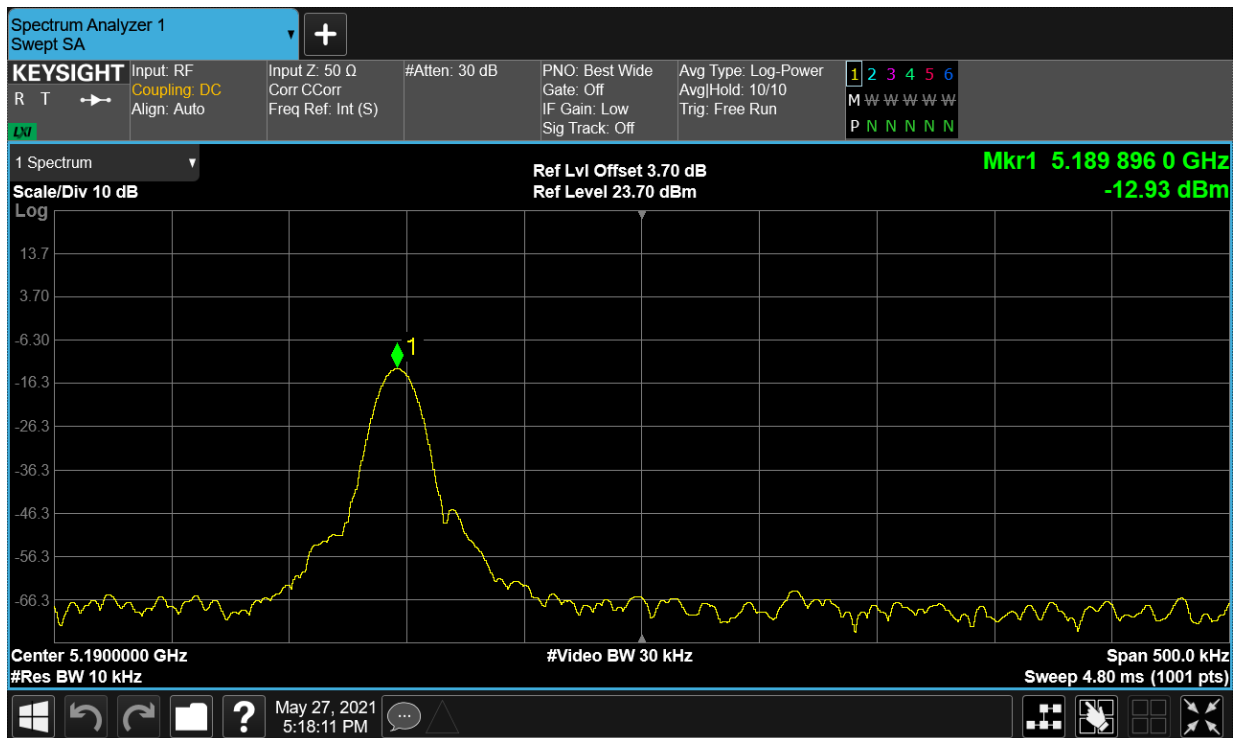
Freq. Stability HVHT n40 5190MHz MIMO



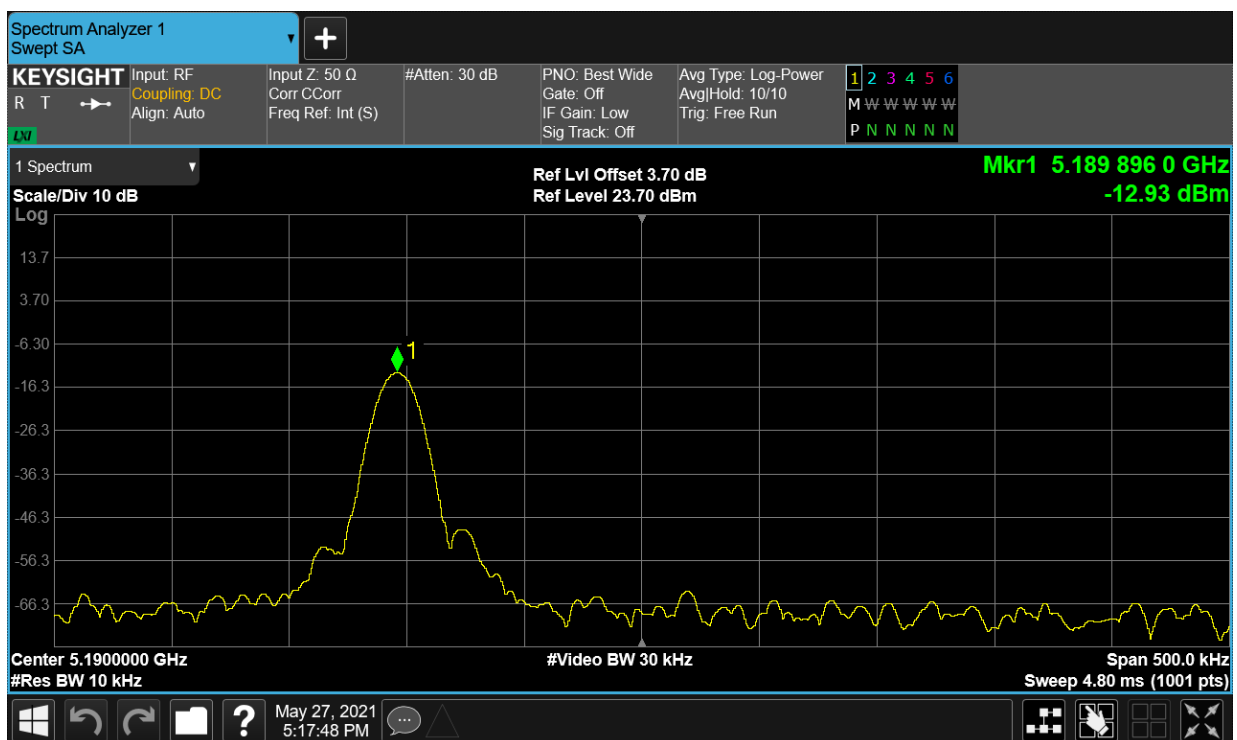
Freq. Stability HVLt n40 5190MHz MIMO



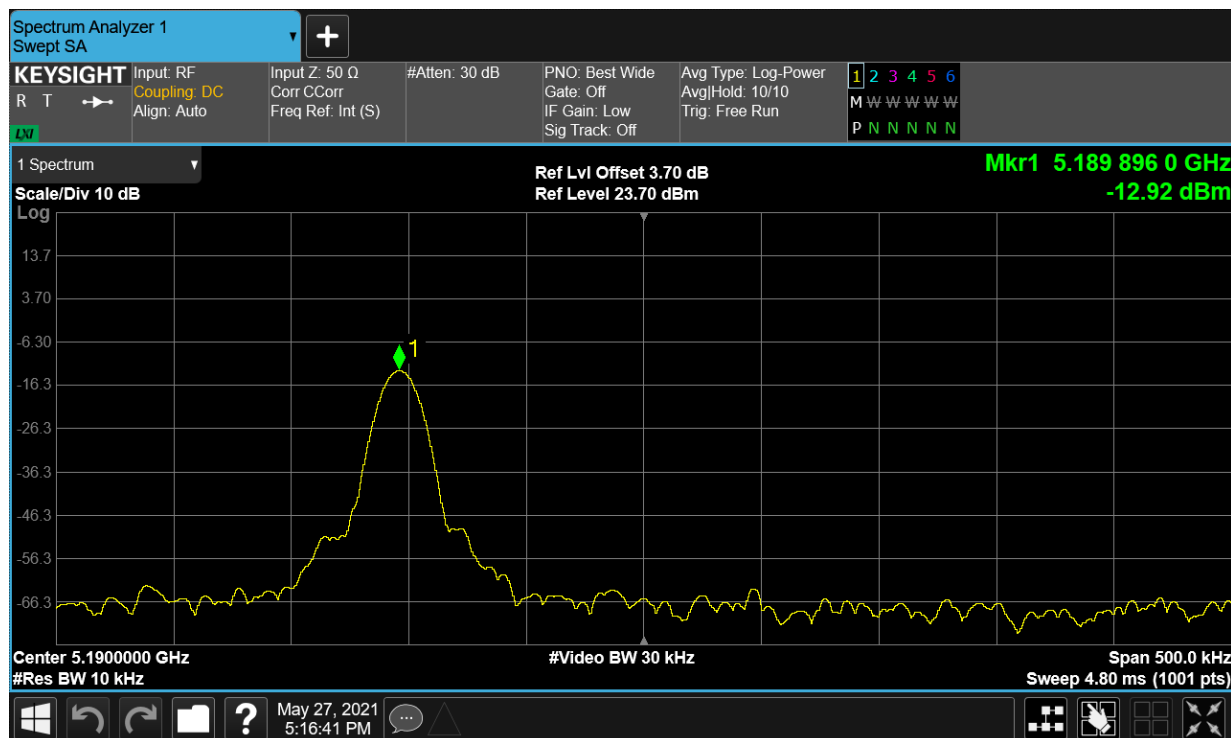
Freq. Stability LVHT n40 5190MHz MIMO



Freq. Stability LVLTL n40 5190MHz MIMO



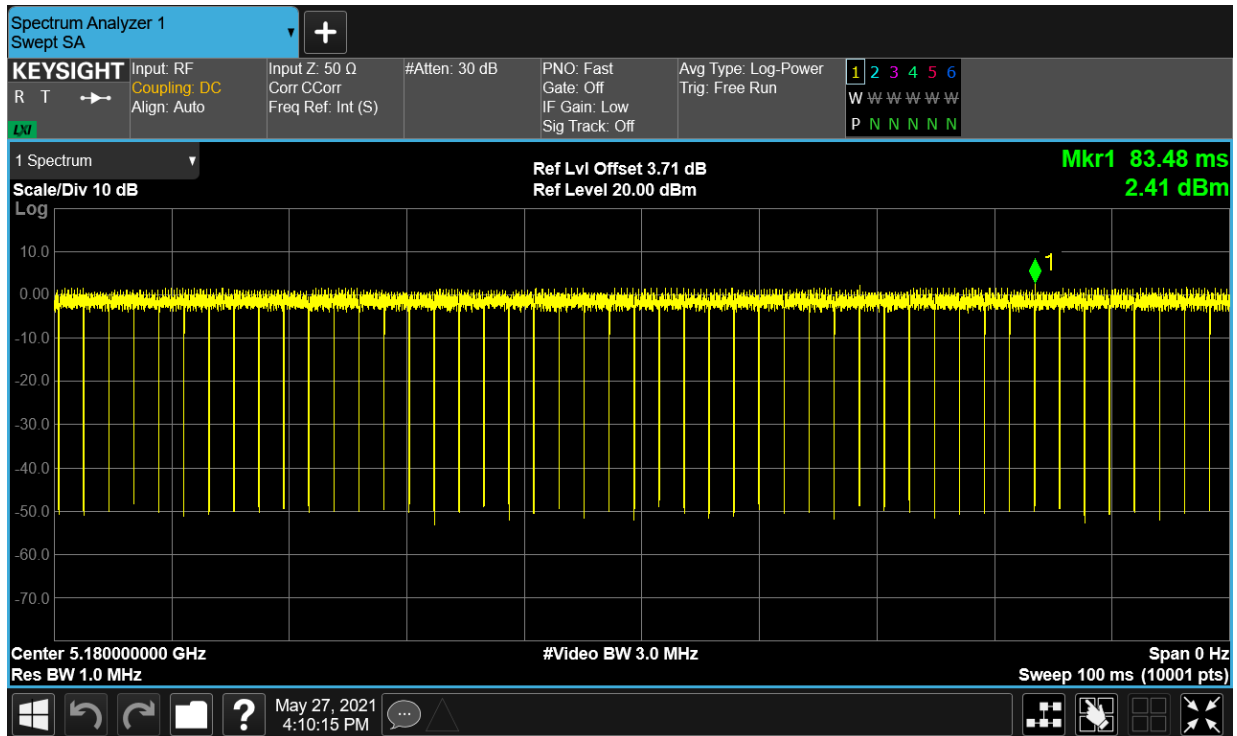
Freq. Stability NVNT n40 5190MHz MIMO



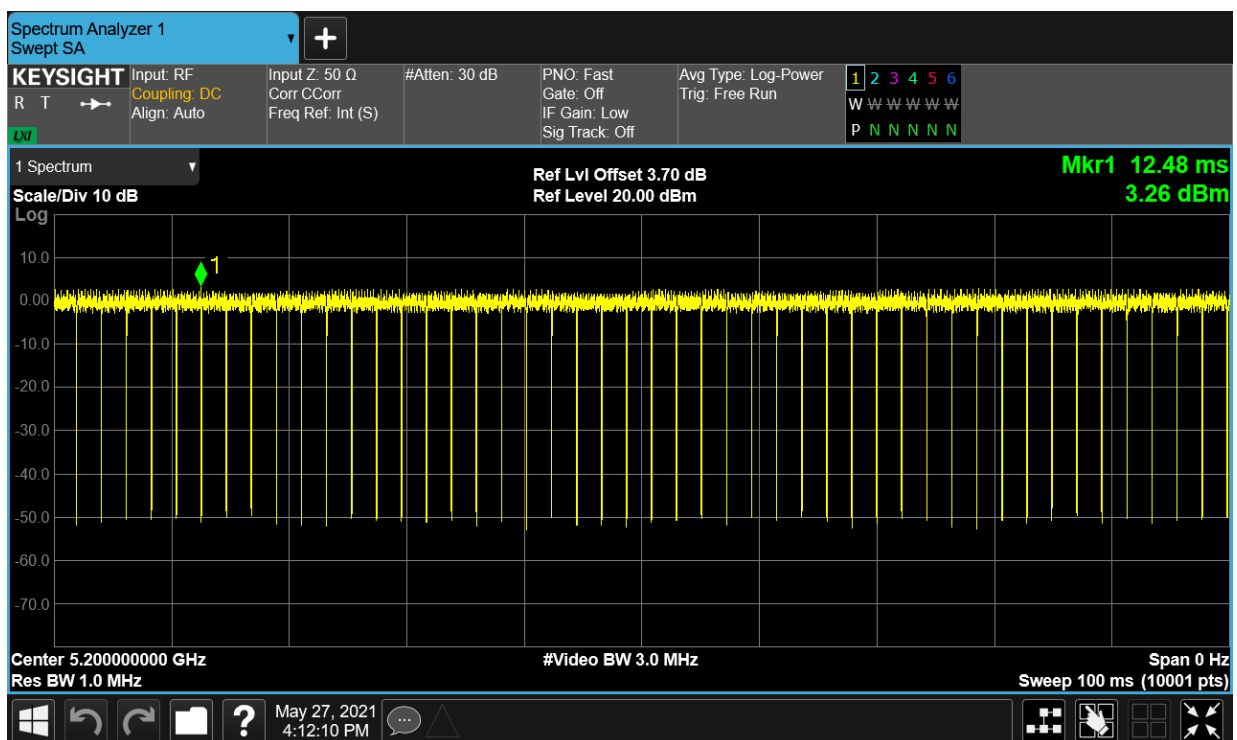
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	97.46	0.11
NVNT	a	5200	Ant1	97.47	0.11
NVNT	a	5240	Ant1	97.49	0.11
NVNT	a	5180	Ant2	97.49	0.11
NVNT	a	5200	Ant2	97.52	0.11
NVNT	a	5240	Ant2	97.56	0.11
NVNT	ac20	5180	MIMO	98.9	0.05
NVNT	ac20	5200	MIMO	98.93	0.05
NVNT	ac20	5240	MIMO	98.89	0.05
NVNT	ac40	5190	MIMO	97.9	0.09
NVNT	ac40	5230	MIMO	97.82	0.1
NVNT	ac80	5210	MIMO	95.74	0.19
NVNT	n20	5180	MIMO	97.47	0.11
NVNT	n20	5200	MIMO	97.49	0.11
NVNT	n20	5240	MIMO	97.48	0.11
NVNT	n40	5190	MIMO	97.77	0.1
NVNT	n40	5230	MIMO	97.79	0.1

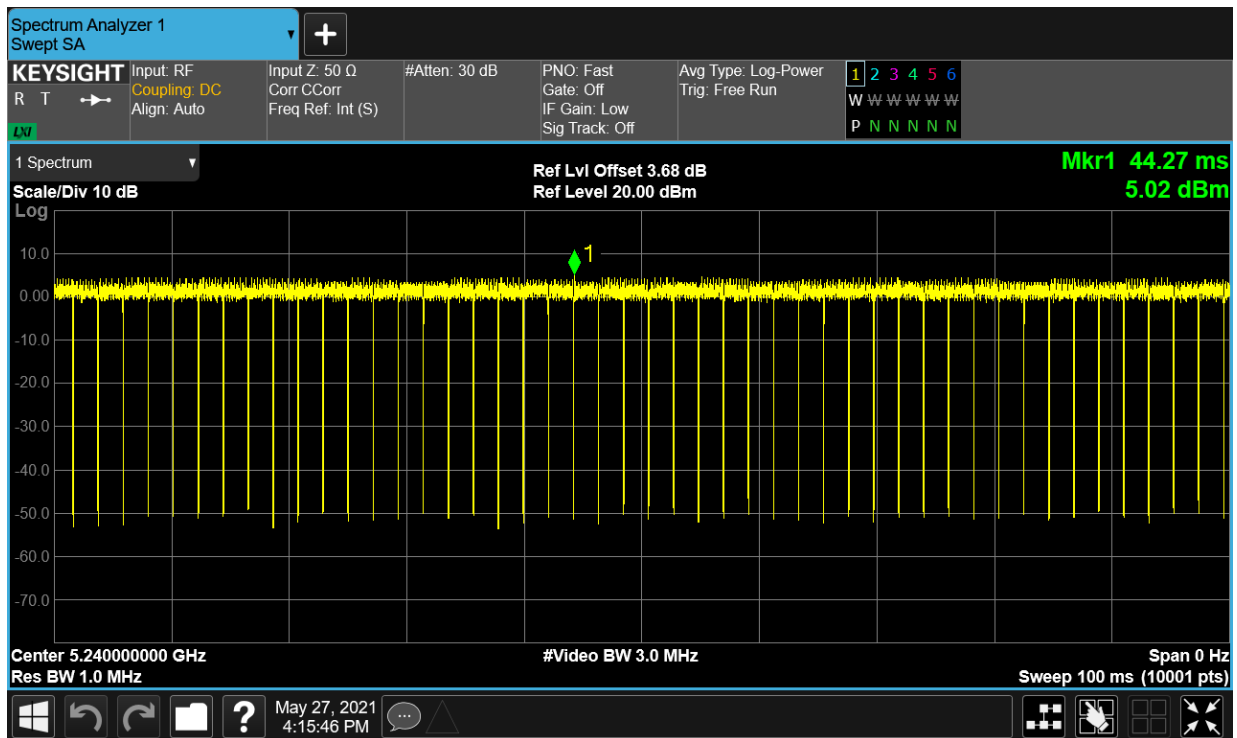
Duty Cycle NVNT a 5180MHz Ant1



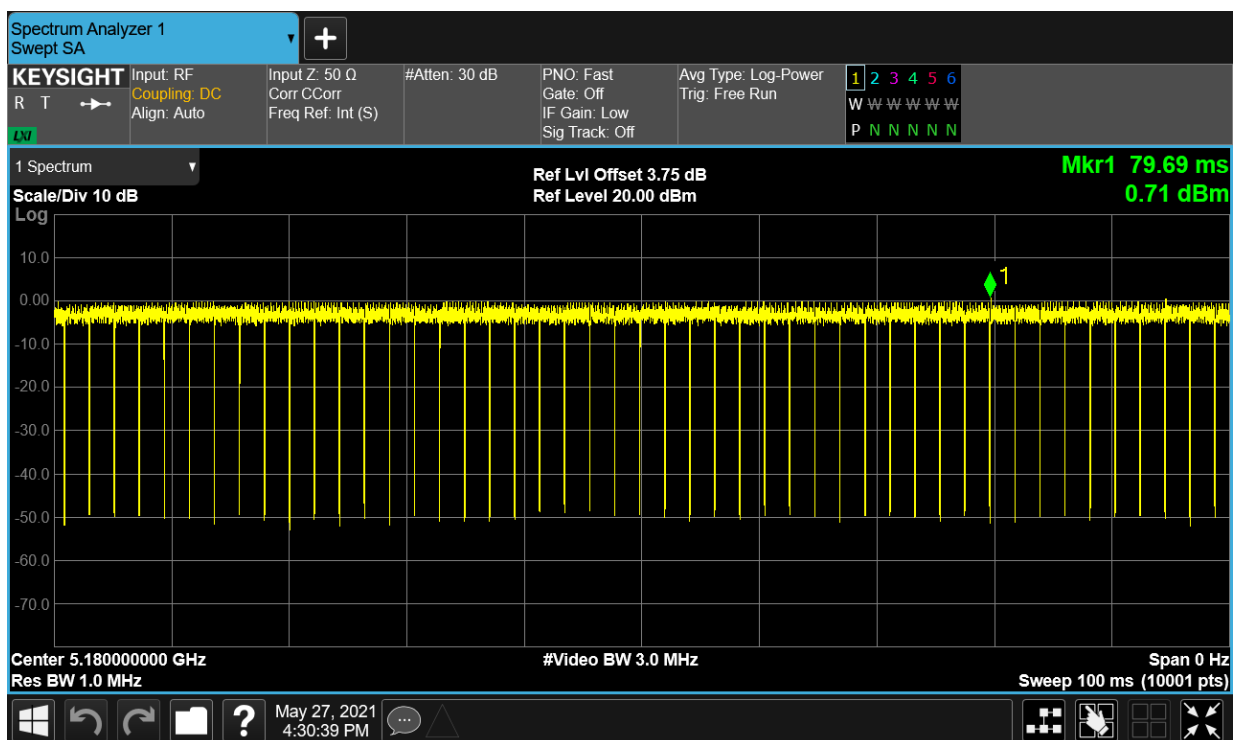
Duty Cycle NVNT a 5200MHz Ant1



Duty Cycle NVNT a 5240MHz Ant1



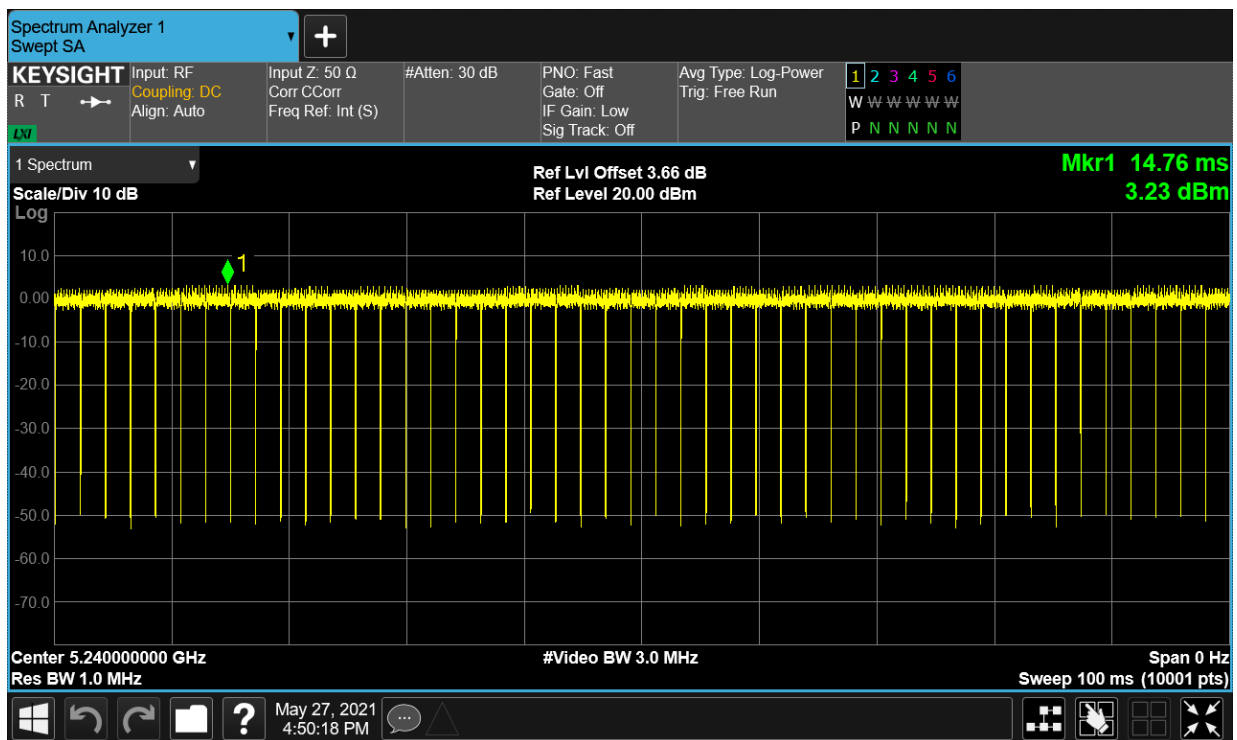
Duty Cycle NVNT a 5180MHz Ant2



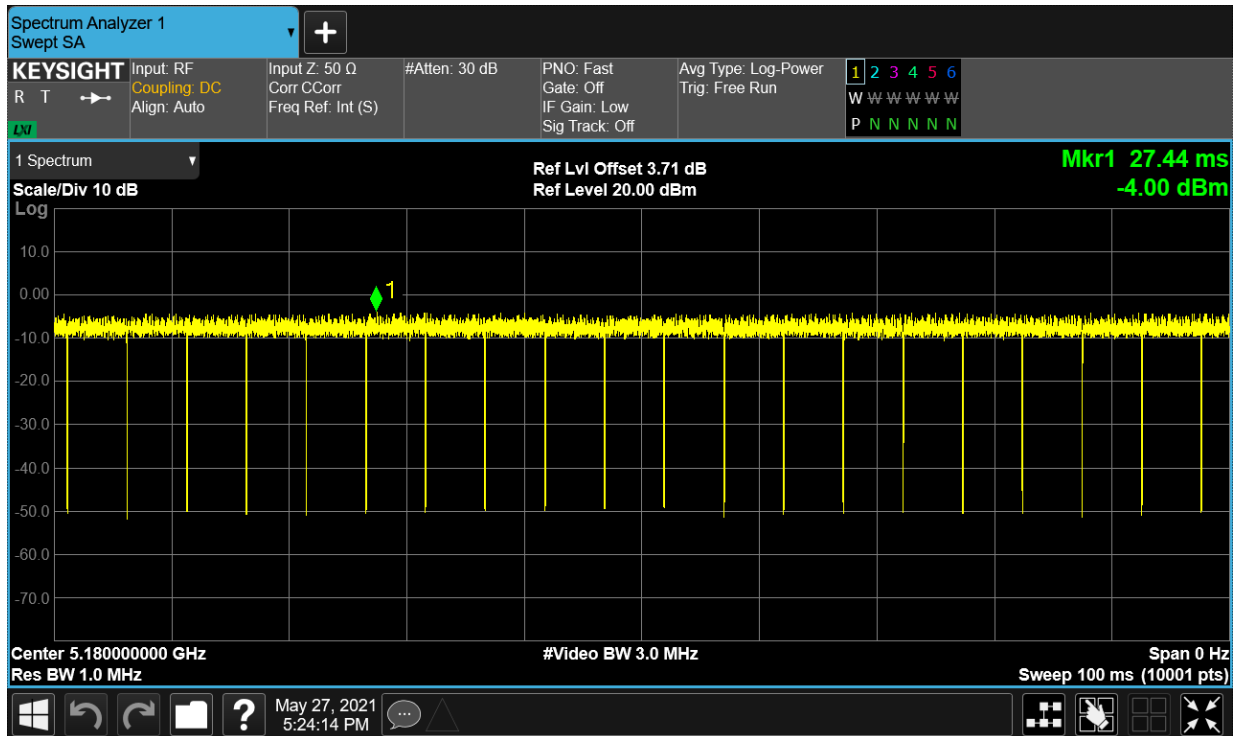
Duty Cycle NVNT a 5200MHz Ant2



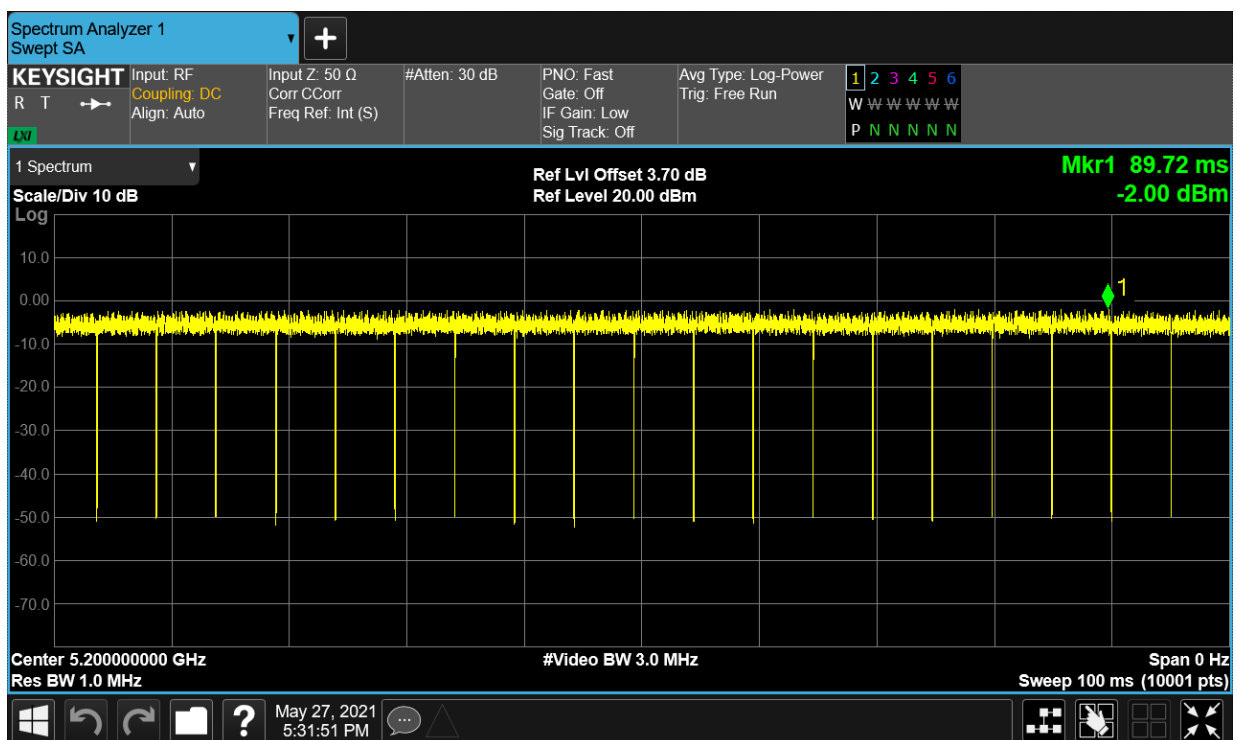
Duty Cycle NVNT a 5240MHz Ant2



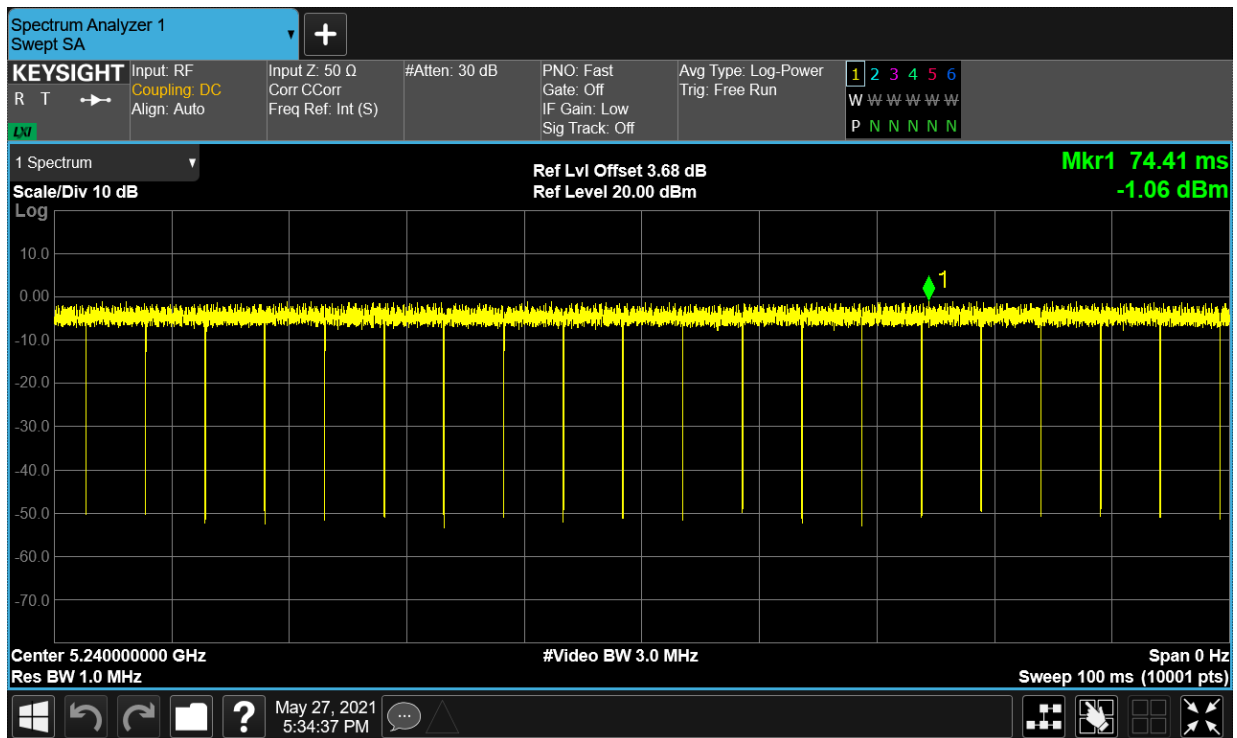
Duty Cycle NVNT ac20 5180MHz MIMO



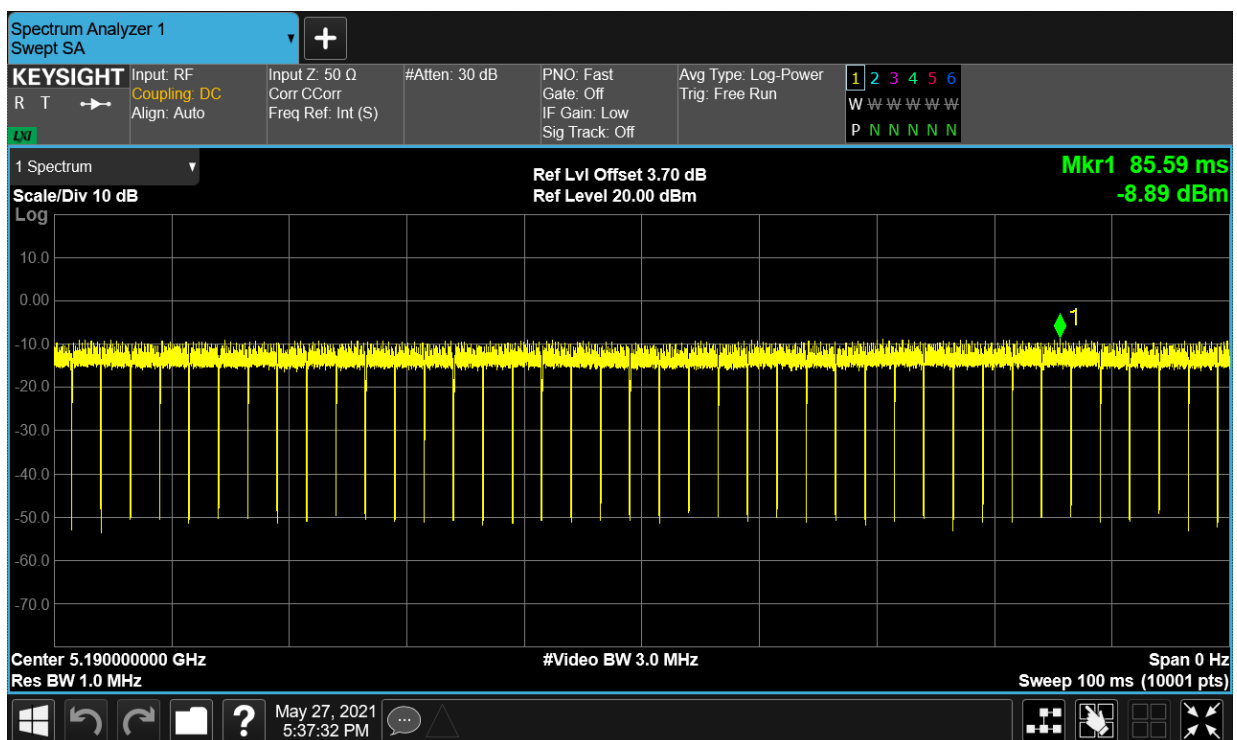
Duty Cycle NVNT ac20 5200MHz MIMO



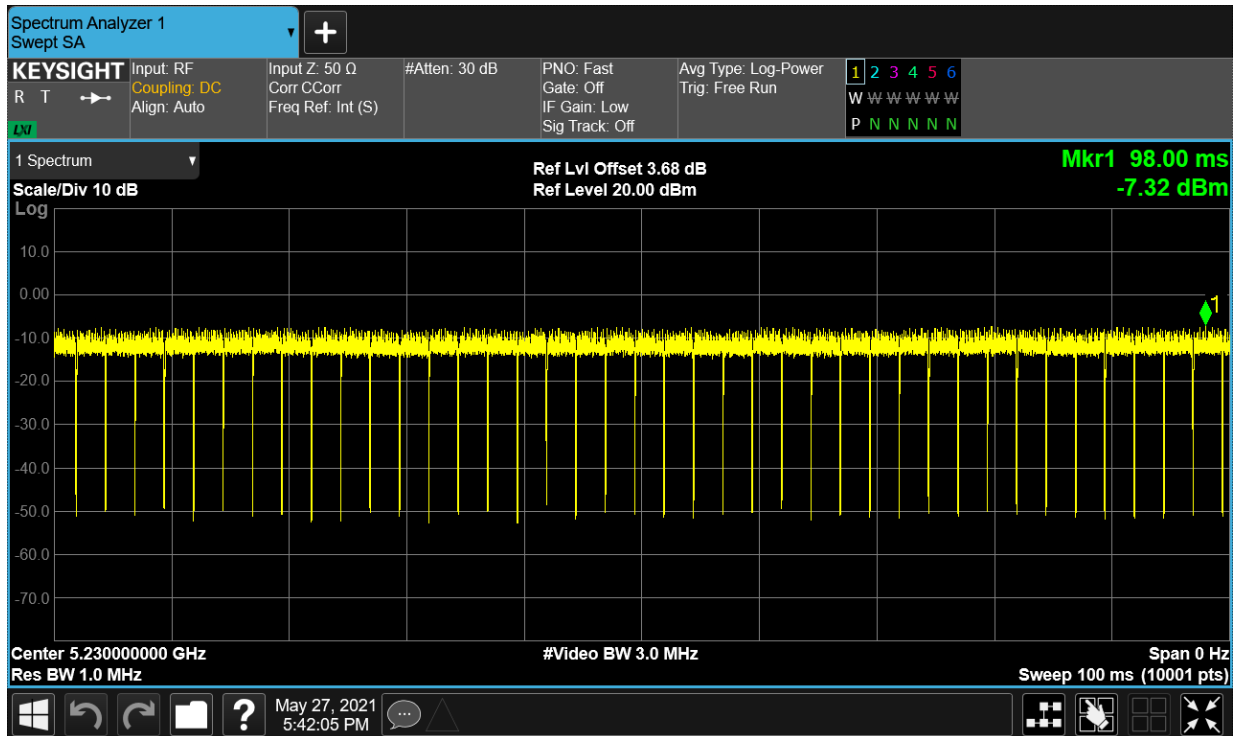
Duty Cycle NVNT ac20 5240MHz MIMO



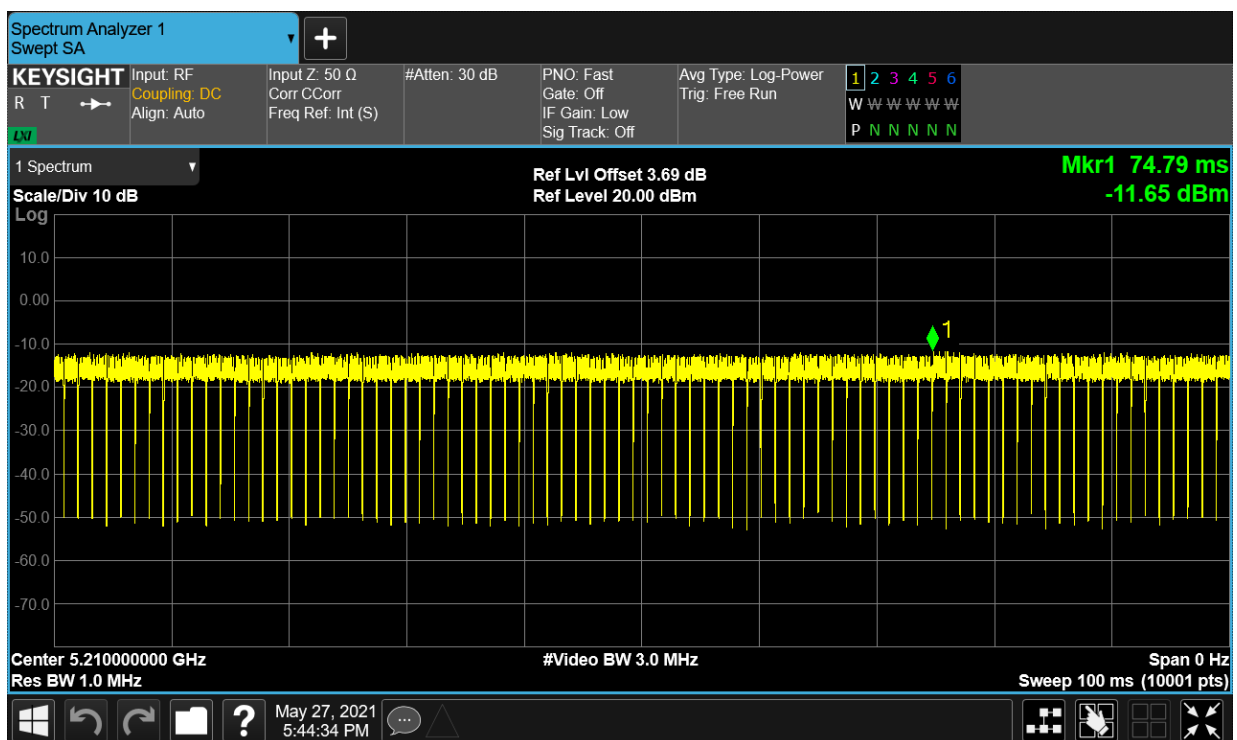
Duty Cycle NVNT ac40 5190MHz MIMO



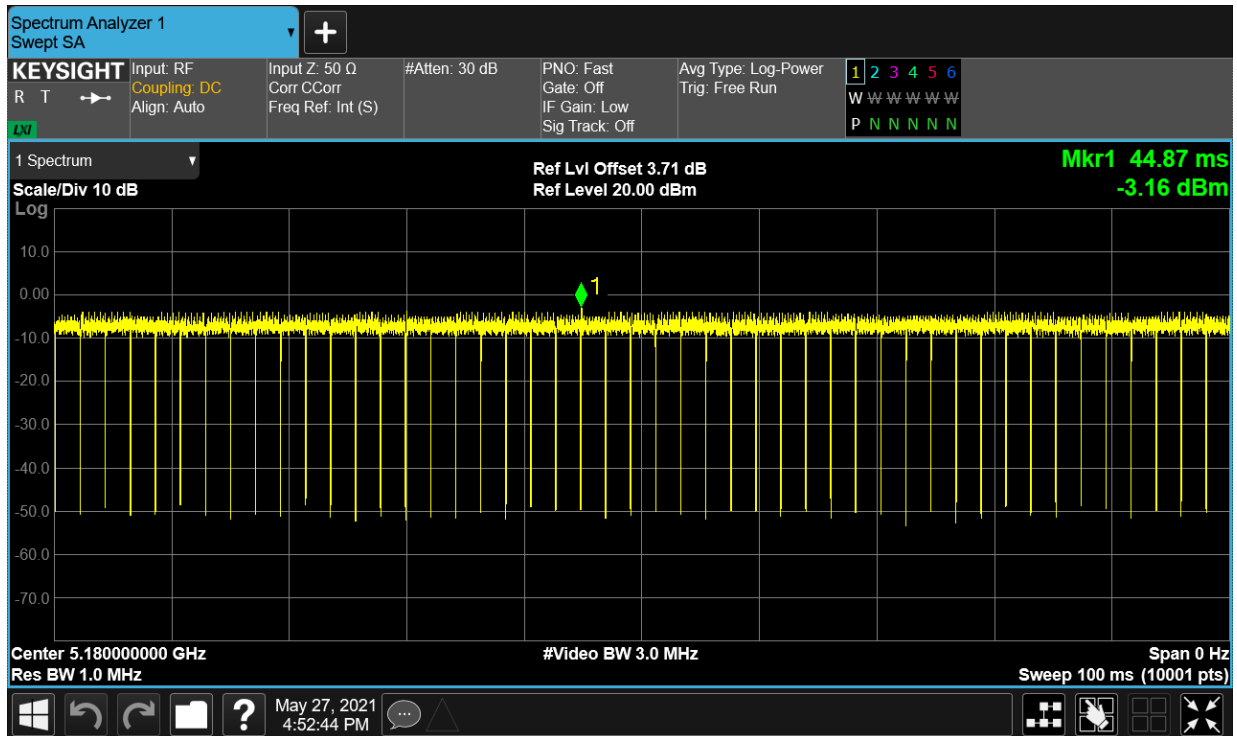
Duty Cycle NVNT ac40 5230MHz MIMO



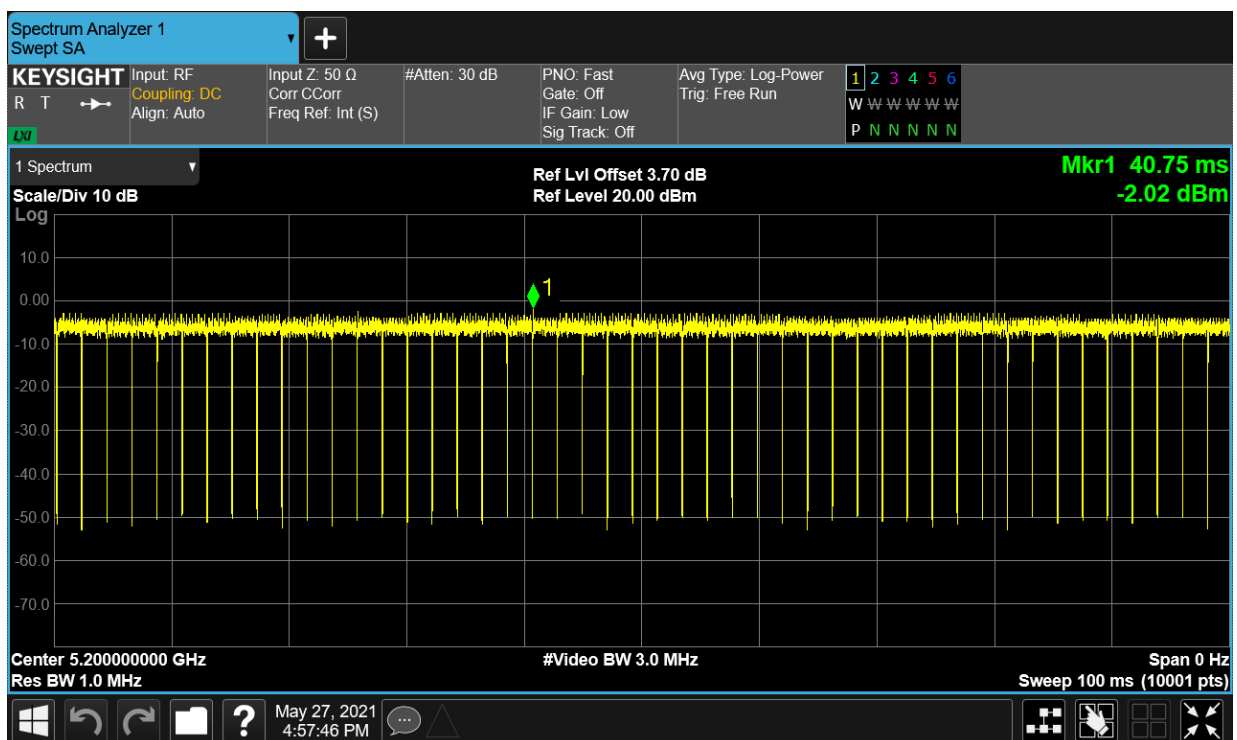
Duty Cycle NVNT ac80 5210MHz MIMO



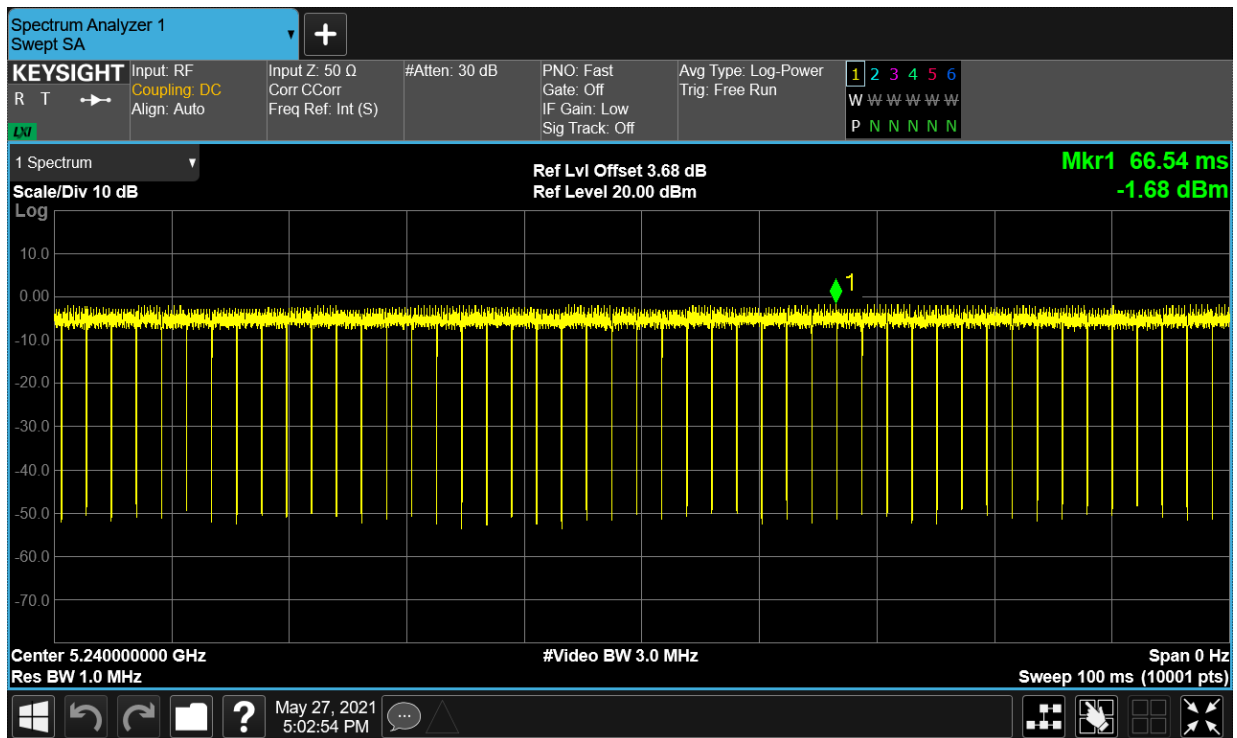
Duty Cycle NVNT n20 5180MHz MIMO



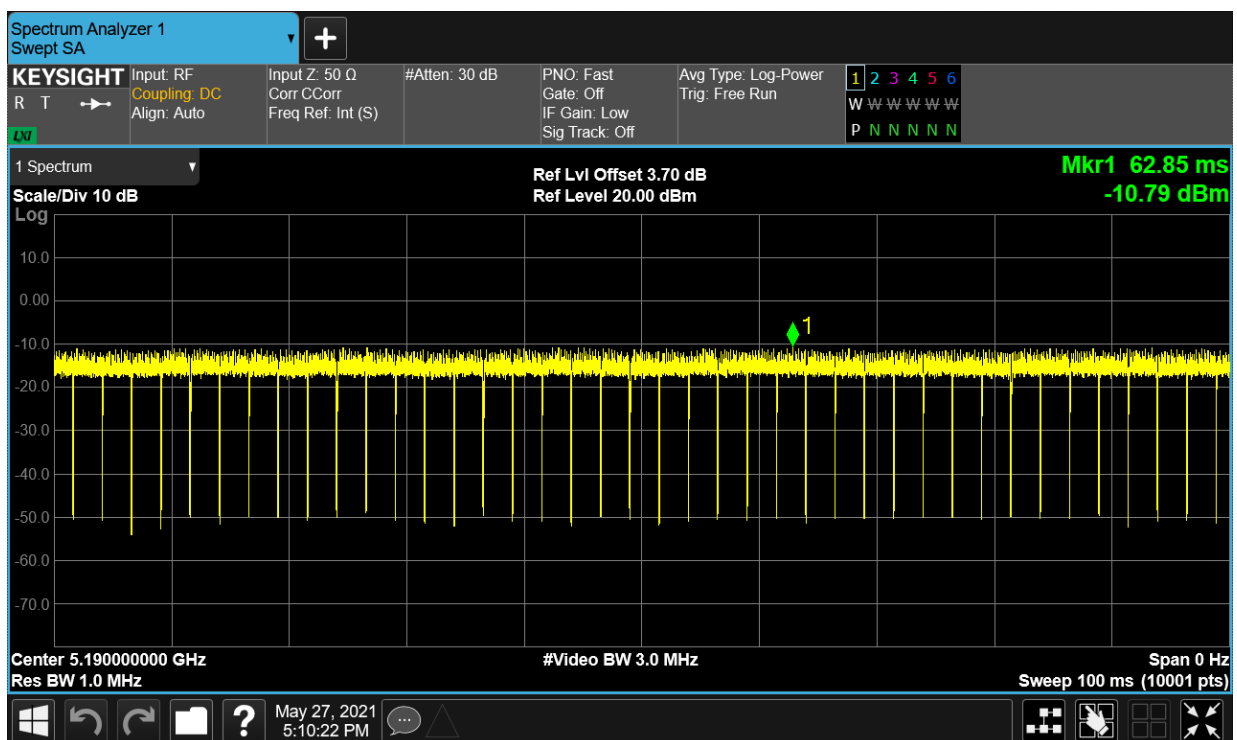
Duty Cycle NVNT n20 5200MHz MIMO



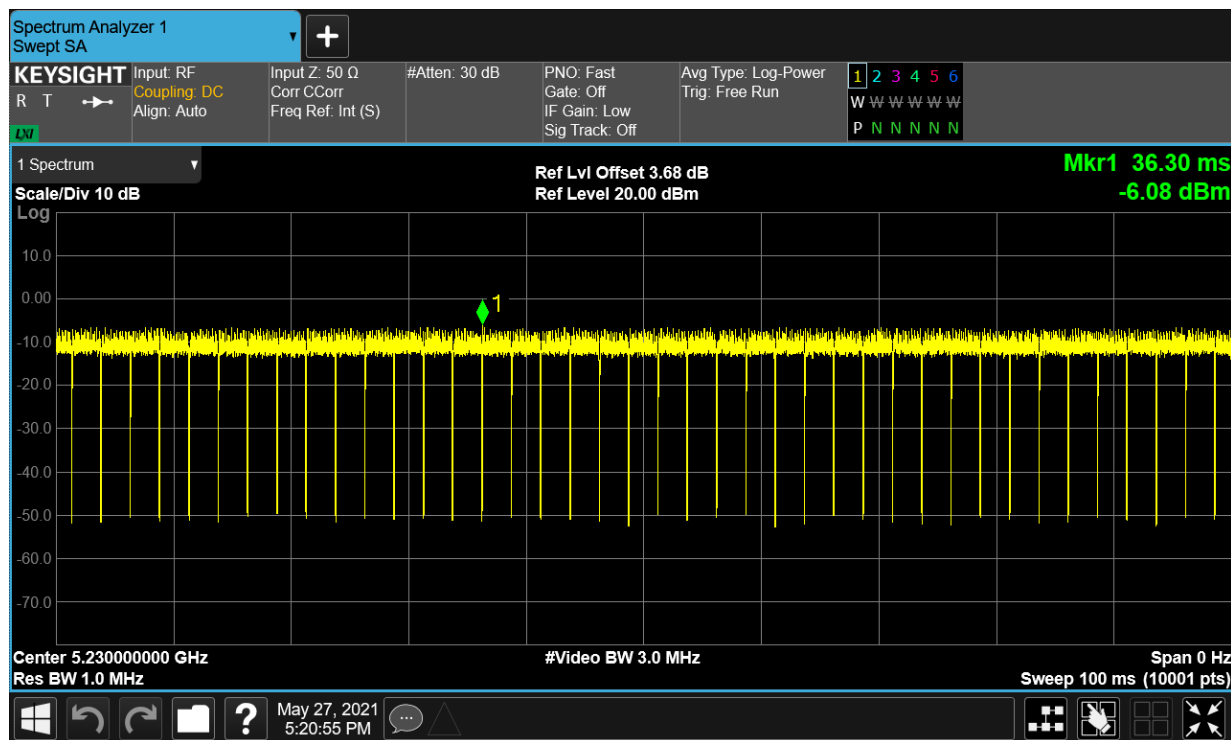
Duty Cycle NVNT n20 5240MHz MIMO



Duty Cycle NVNT n40 5190MHz MIMO



Duty Cycle NVNT n40 5230MHz MIMO



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	6.89	0.11	7	24	Pass
NVNT	a	5200	Ant1	7.22	0.11	7.33	24	Pass
NVNT	a	5240	Ant1	7.44	0.11	7.55	24	Pass
NVNT	a	5180	Ant2	7.26	0.11	7.37	24	Pass
NVNT	a	5200	Ant2	7.8	0.11	7.91	24	Pass
NVNT	a	5240	Ant2	6.89	0.11	7	24	Pass
NVNT	ac20	5180	Ant1	1.84	0.05	1.89	24	Pass
NVNT	ac20	5180	Ant2	5.85	0.05	5.9	24	Pass
NVNT	ac20	5180	MIMO	7.303	0.05	7.353	24	Pass
NVNT	ac20	5200	Ant1	1.33	0.05	1.38	24	Pass
NVNT	ac20	5200	Ant2	5.31	0.05	5.36	24	Pass
NVNT	ac20	5200	MIMO	6.771	0.05	6.821	24	Pass
NVNT	ac20	5240	Ant1	2.76	0.05	2.81	24	Pass
NVNT	ac20	5240	Ant2	3.63	0.05	3.68	24	Pass
NVNT	ac20	5240	MIMO	6.227	0.05	6.277	24	Pass
NVNT	ac40	5190	Ant1	0.93	0.09	1.02	24	Pass
NVNT	ac40	5190	Ant2	4.95	0.09	5.04	24	Pass
NVNT	ac40	5190	MIMO	6.4	0.09	6.49	24	Pass
NVNT	ac40	5230	Ant1	1.96	0.1	2.06	24	Pass
NVNT	ac40	5230	Ant2	3.97	0.1	4.07	24	Pass
NVNT	ac40	5230	MIMO	6.091	0.1	6.191	24	Pass

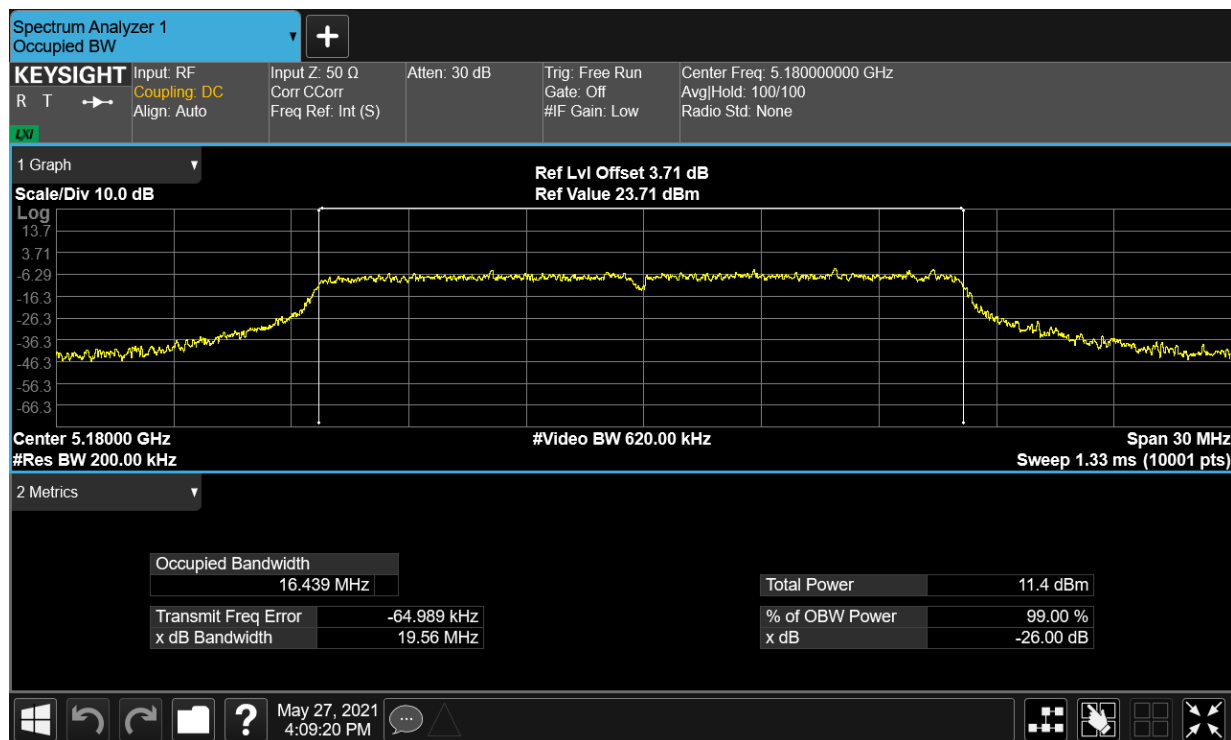
NVNT	ac80	5210	Ant1	0.12	0.19	0.31	24	Pass
NVNT	ac80	5210	Ant2	3.11	0.19	3.3	24	Pass
NVNT	ac80	5210	MIMO	4.878	0.19	5.068	24	Pass
NVNT	n20	5180	Ant1	1.18	0.11	1.29	24	Pass
NVNT	n20	5180	Ant2	5.36	0.11	5.47	24	Pass
NVNT	n20	5180	MIMO	6.765	0.11	6.875	24	Pass
NVNT	n20	5200	Ant1	0.65	0.11	0.76	24	Pass
NVNT	n20	5200	Ant2	5	0.11	5.11	24	Pass
NVNT	n20	5200	MIMO	6.359	0.11	6.469	24	Pass
NVNT	n20	5240	Ant1	3.01	0.11	3.12	24	Pass
NVNT	n20	5240	Ant2	4.1	0.11	4.21	24	Pass
NVNT	n20	5240	MIMO	6.599	0.11	6.709	24	Pass
NVNT	n40	5190	Ant1	0.93	0.1	1.03	24	Pass
NVNT	n40	5190	Ant2	5.02	0.1	5.12	24	Pass
NVNT	n40	5190	MIMO	6.45	0.1	6.55	24	Pass
NVNT	n40	5230	Ant1	1.98	0.1	2.08	24	Pass
NVNT	n40	5230	Ant2	3.99	0.1	4.09	24	Pass
NVNT	n40	5230	MIMO	6.111	0.1	6.211	24	Pass

Occupied Channel Bandwidth

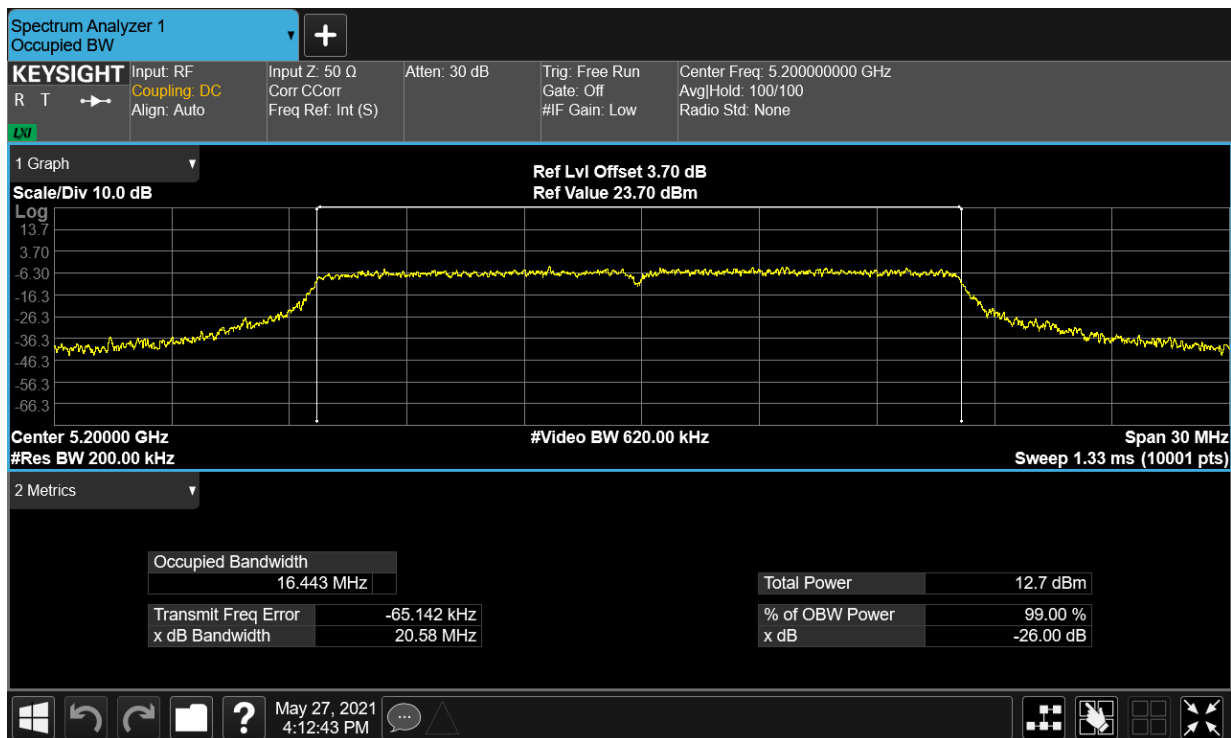
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.43910199
NVNT	a	5200	Ant1	16.44280176
NVNT	a	5240	Ant1	16.41395856
NVNT	a	5180	Ant2	16.40237928
NVNT	a	5200	Ant2	16.40691944
NVNT	a	5240	Ant2	16.40554508
NVNT	ac20	5180	Ant1	17.59562582
NVNT	ac20	5180	Ant2	17.61604399
NVNT	ac20	5200	Ant1	17.60105478
NVNT	ac20	5200	Ant2	17.62672203
NVNT	ac20	5240	Ant1	17.58520017
NVNT	ac20	5240	Ant2	17.63915876
NVNT	ac40	5190	Ant1	35.86587355
NVNT	ac40	5190	Ant2	35.9167462
NVNT	ac40	5230	Ant1	35.84638751
NVNT	ac40	5230	Ant2	35.77318922
NVNT	ac80	5210	Ant1	75.64453887
NVNT	ac80	5210	Ant2	75.56519681
NVNT	n20	5180	Ant1	16.41580655
NVNT	n20	5180	Ant2	16.39326876
NVNT	n20	5200	Ant1	16.40742329

NVNT	n20	5200	Ant2	16.39675201
NVNT	n20	5240	Ant1	16.3908373
NVNT	n20	5240	Ant2	17.66028736
NVNT	n40	5190	Ant1	35.88053835
NVNT	n40	5190	Ant2	35.90015463
NVNT	n40	5230	Ant1	35.82480656
NVNT	n40	5230	Ant2	35.9391043

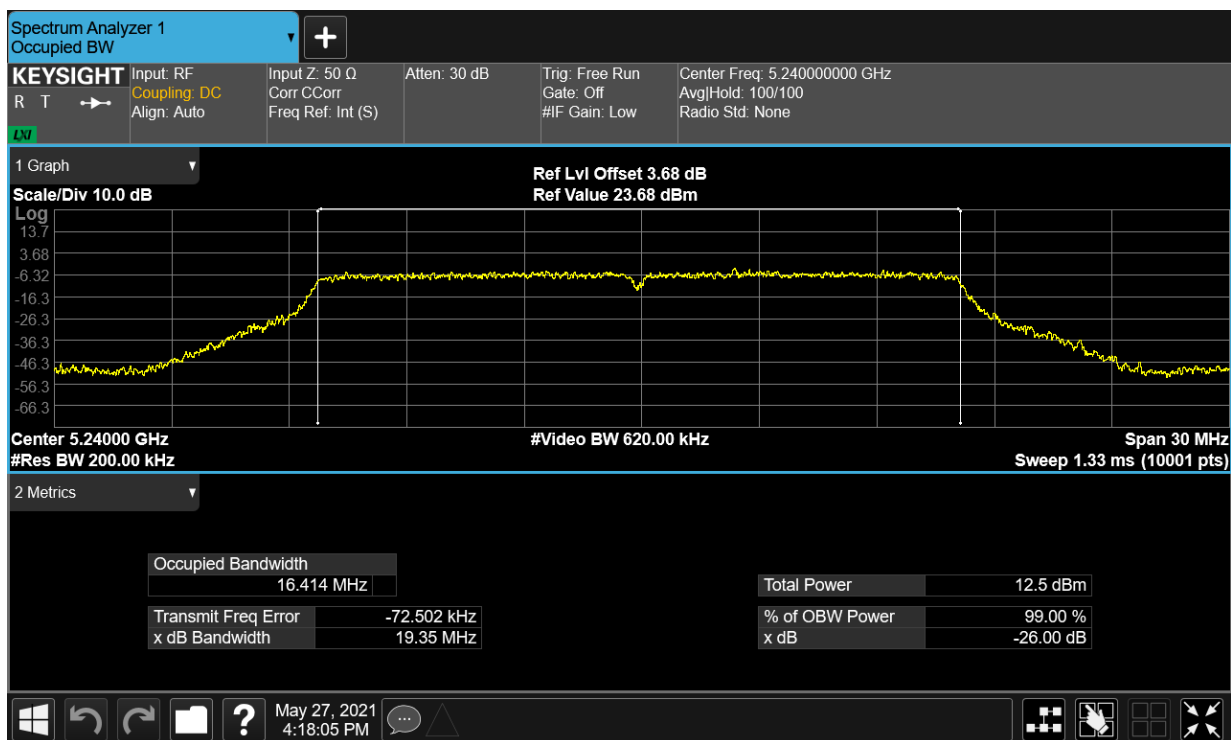
OBW NVNT a 5180MHz Ant1



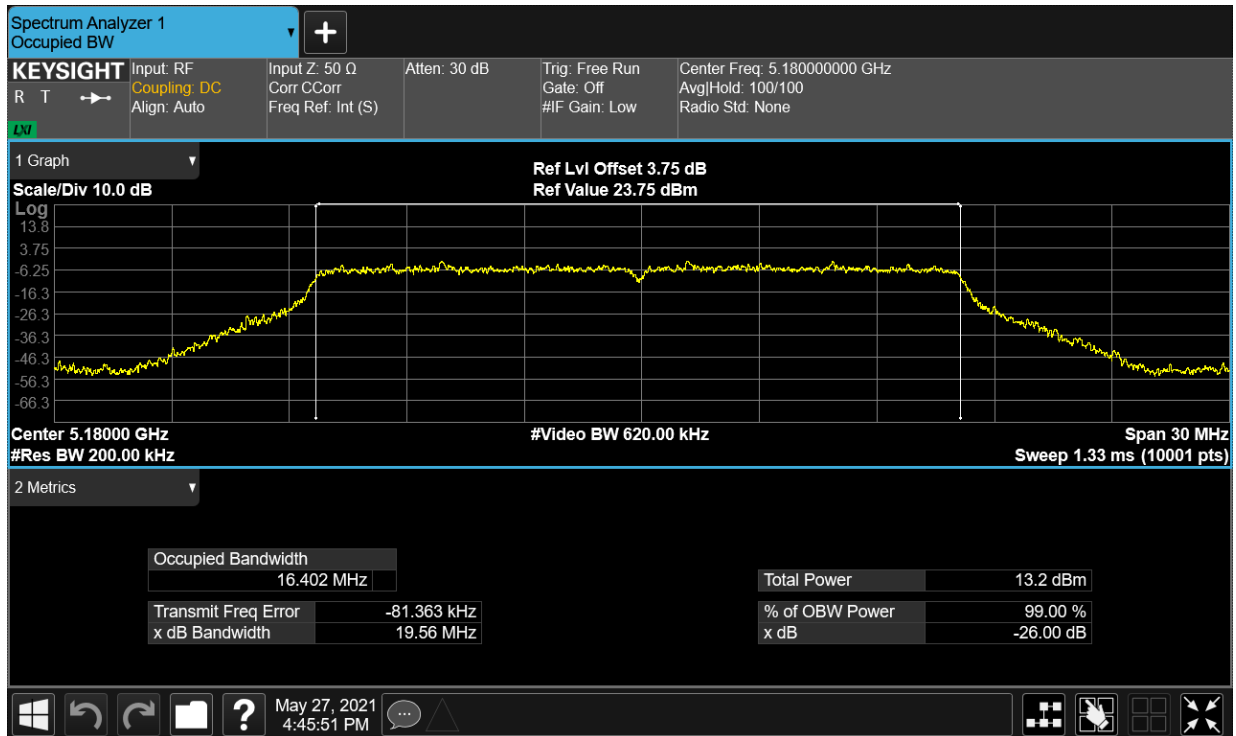
OBW NVNT a 5200MHz Ant1



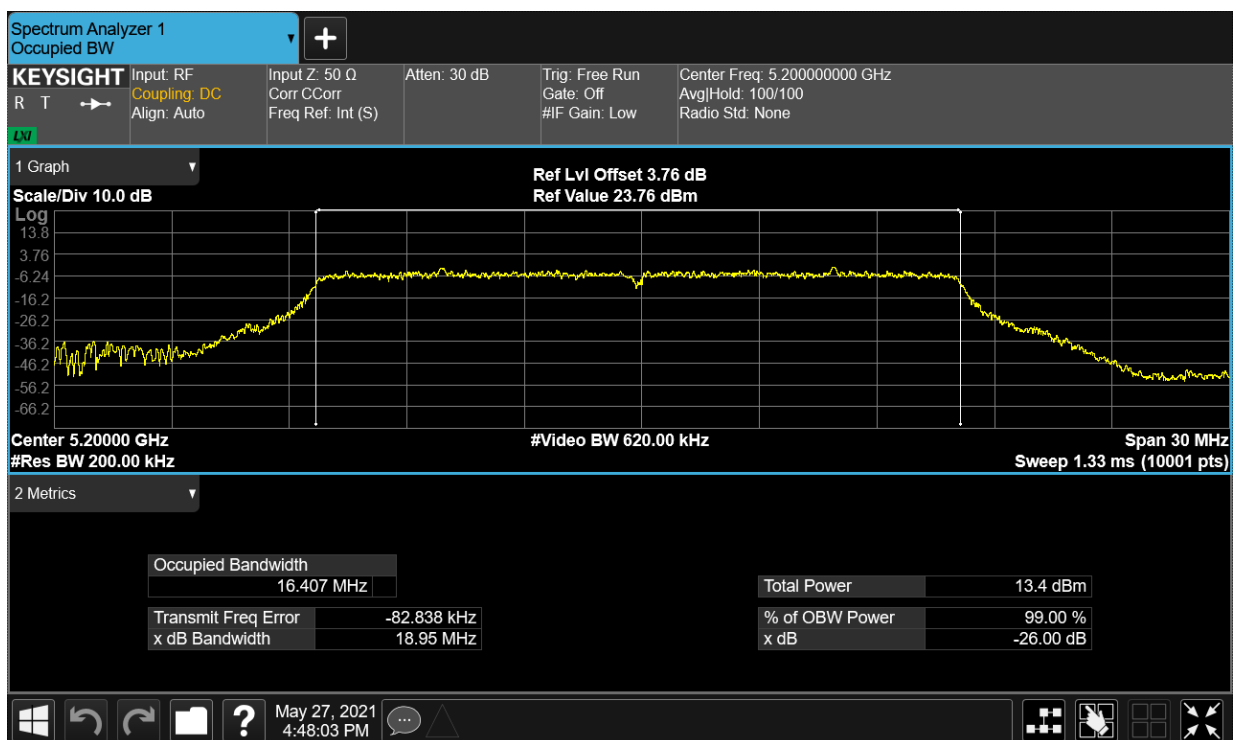
OBW NVNT a 5240MHz Ant1



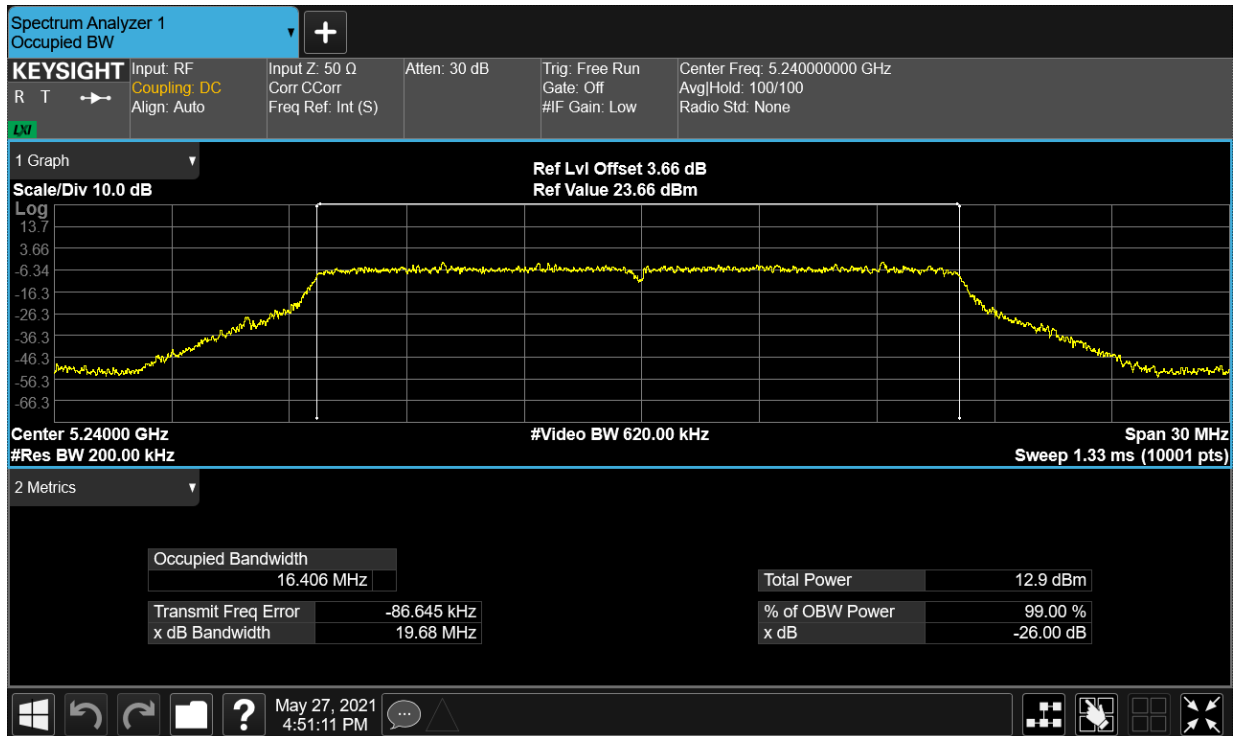
OBW NVNT a 5180MHz Ant2



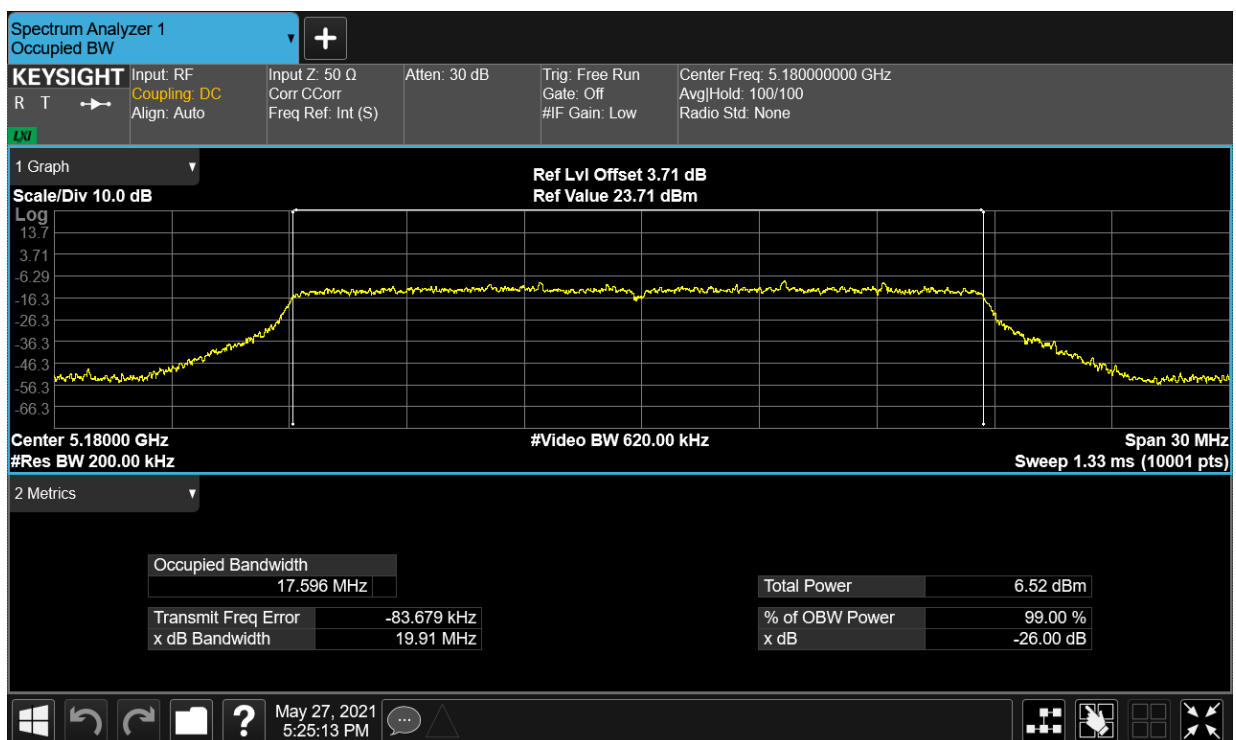
OBW NVNT a 5200MHz Ant2



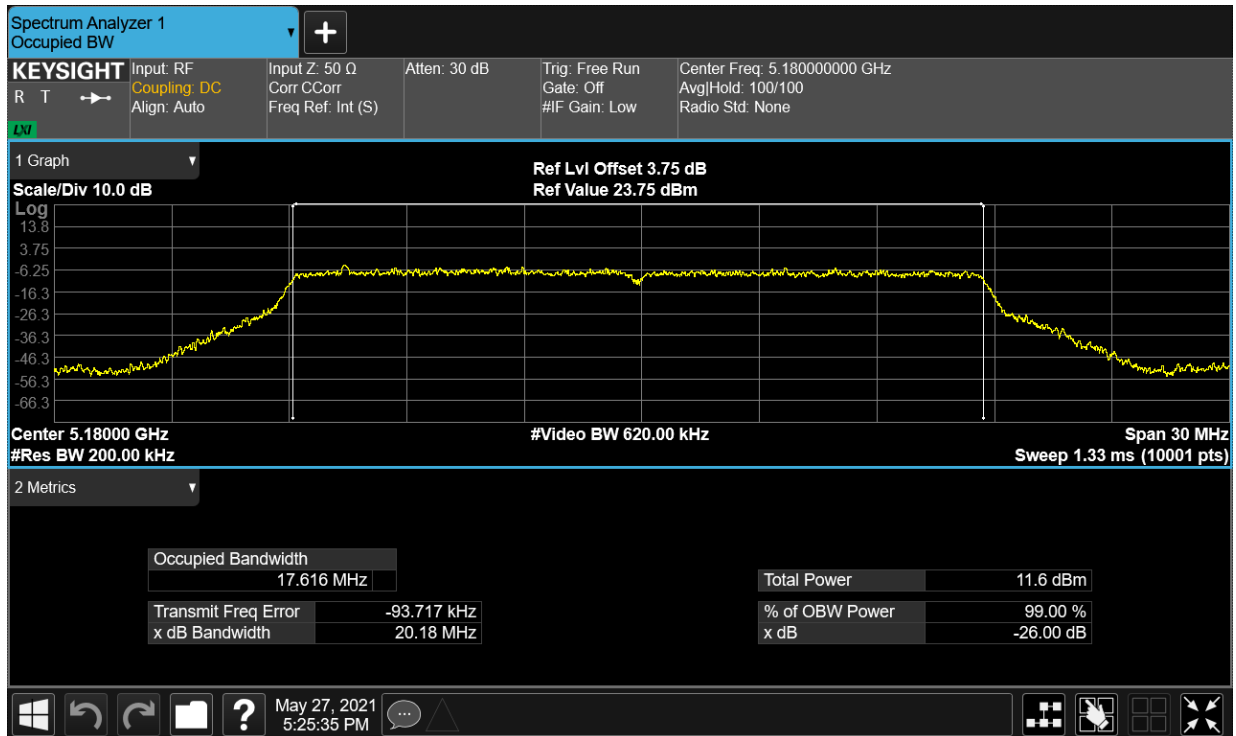
OBW NVNT a 5240MHz Ant2



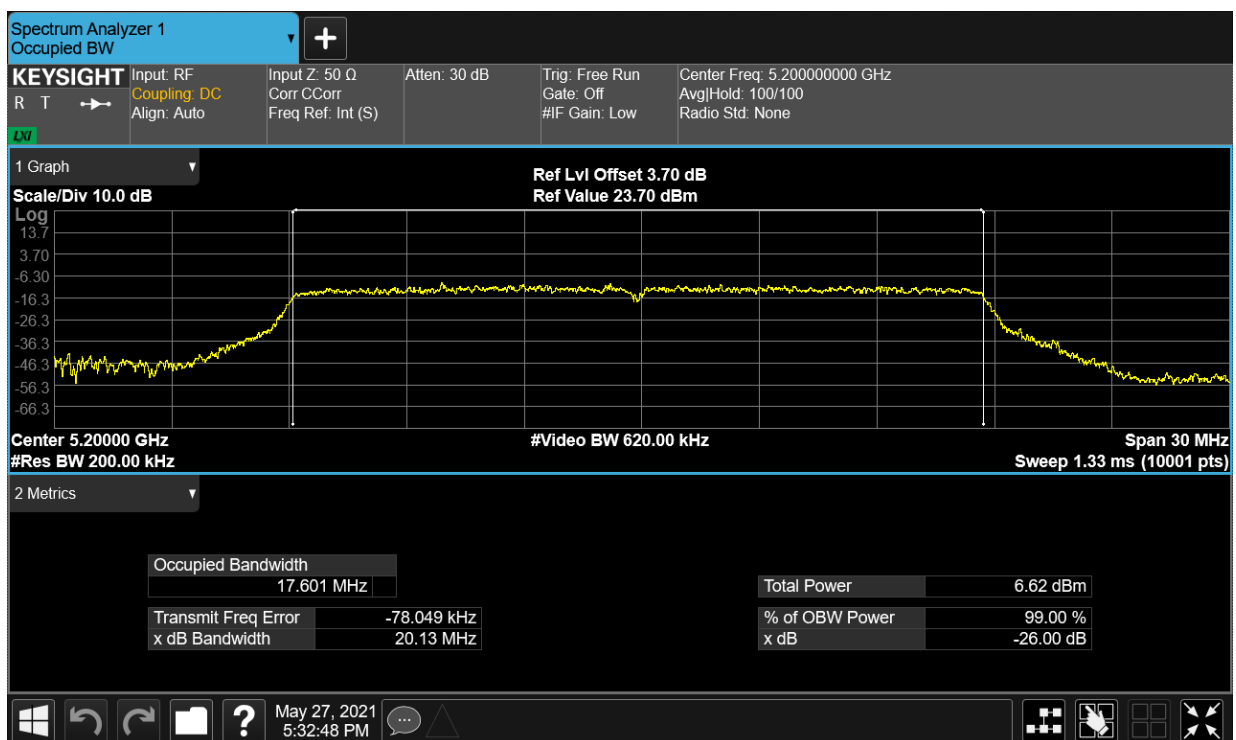
OBW NVNT ac20 5180MHz Ant1



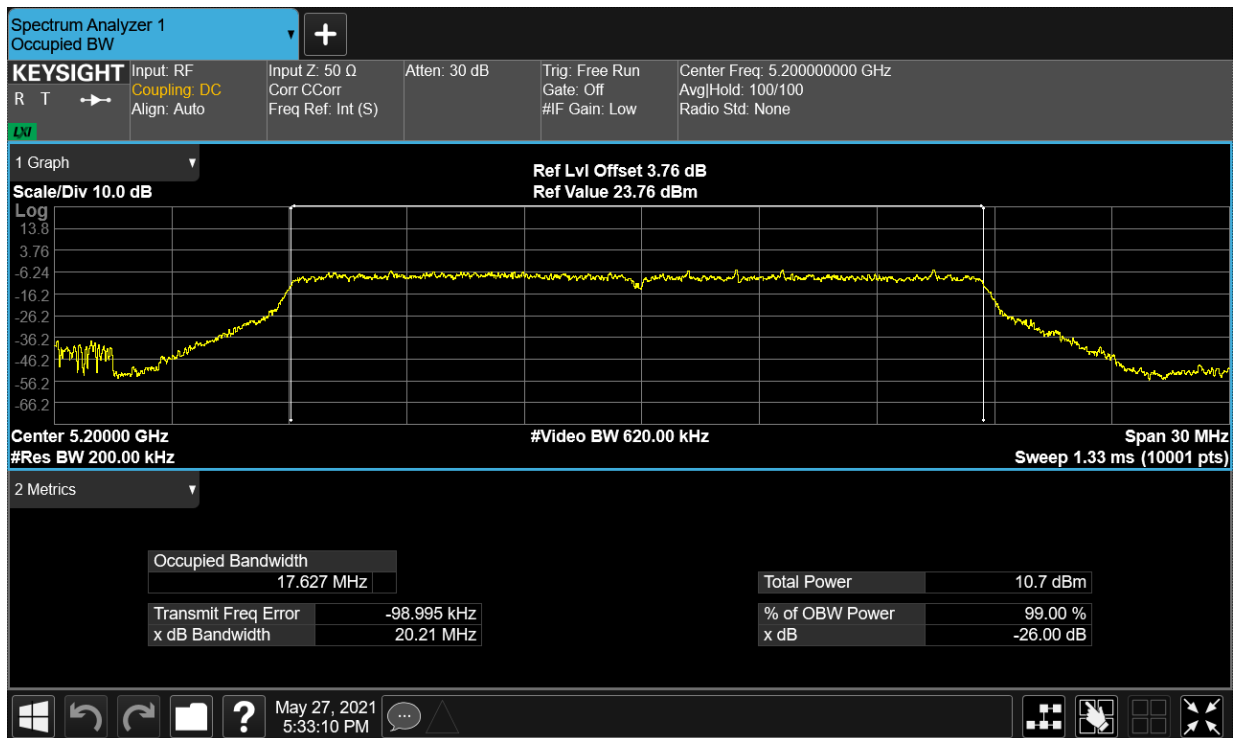
OBW NVNT ac20 5180MHz Ant2



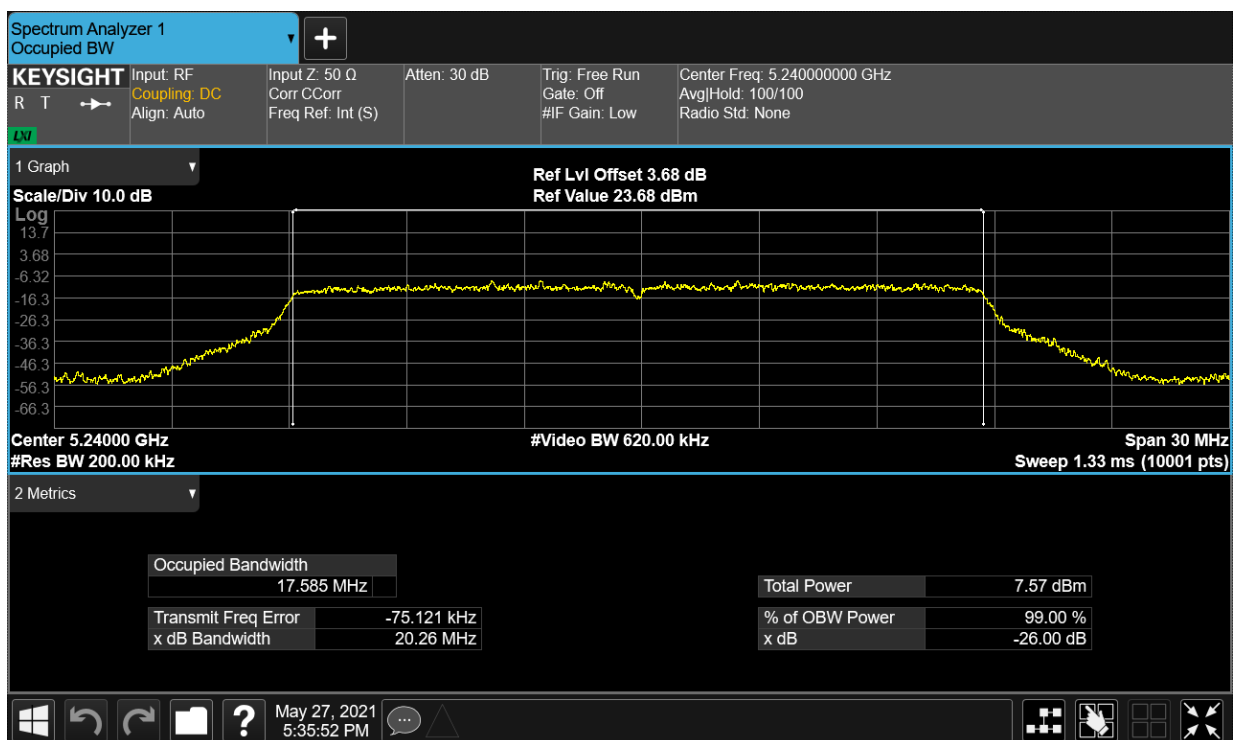
OBW NVNT ac20 5200MHz Ant1



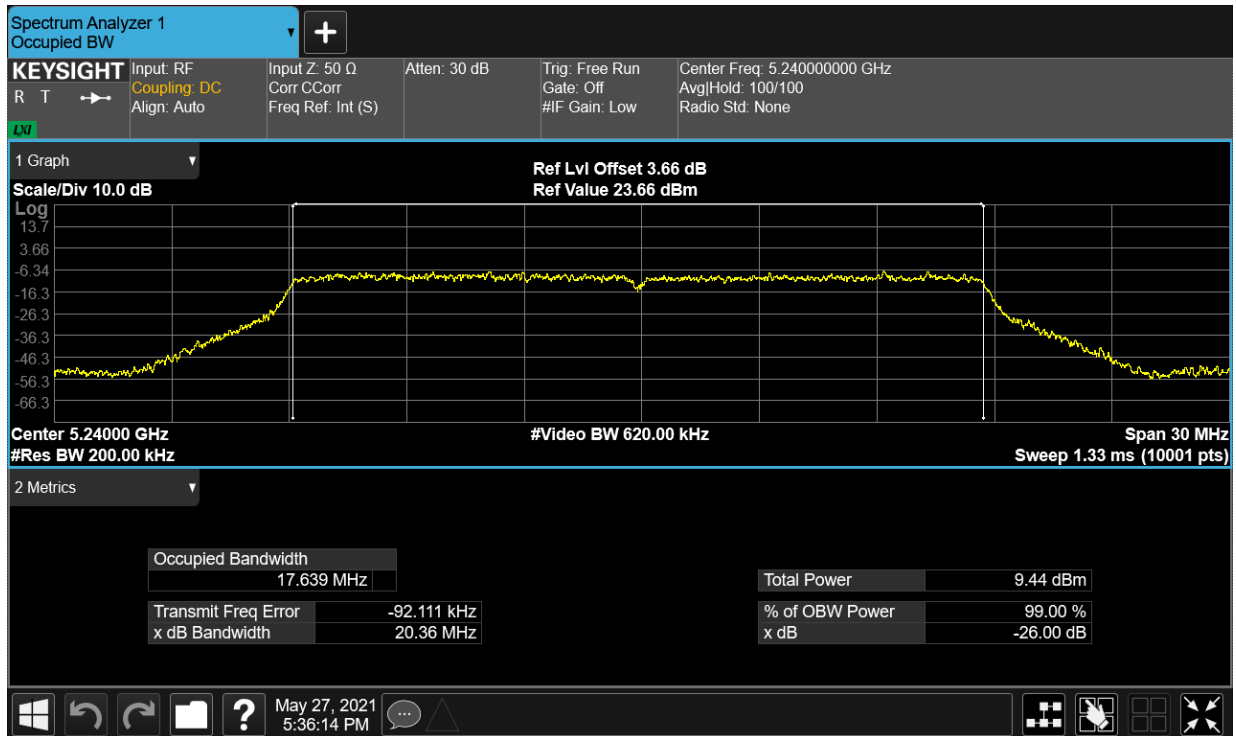
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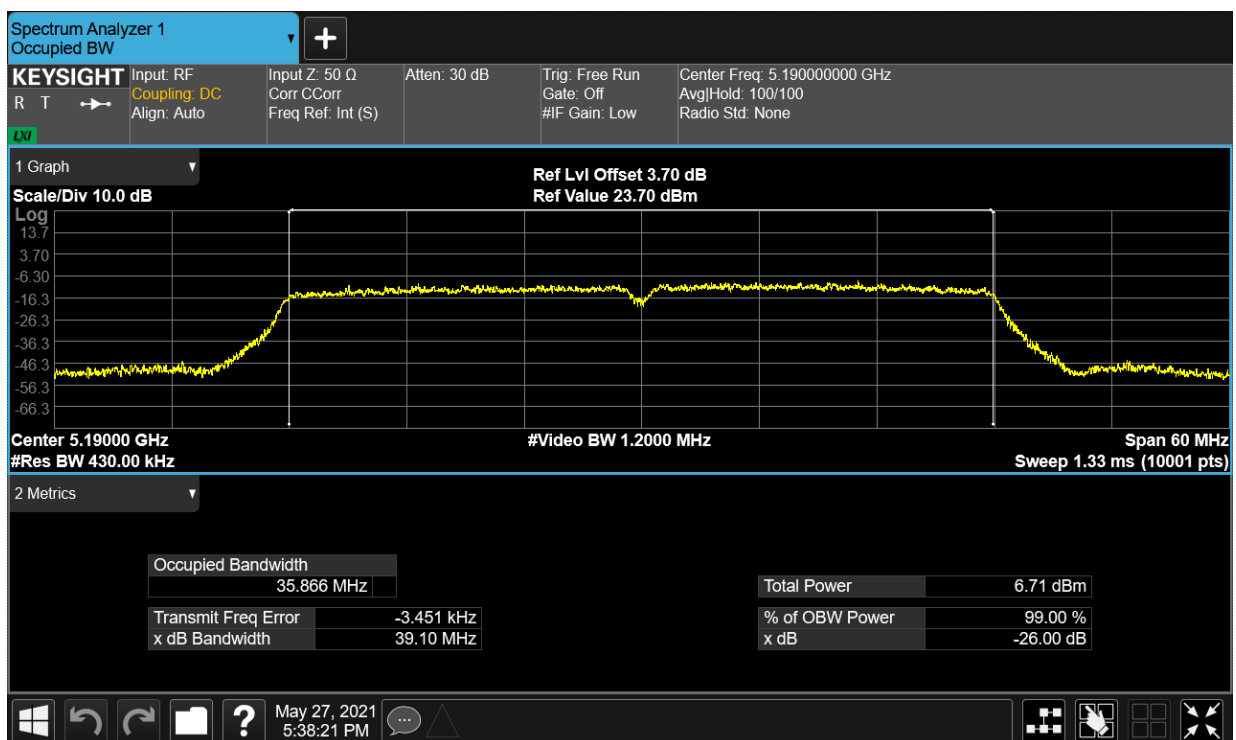
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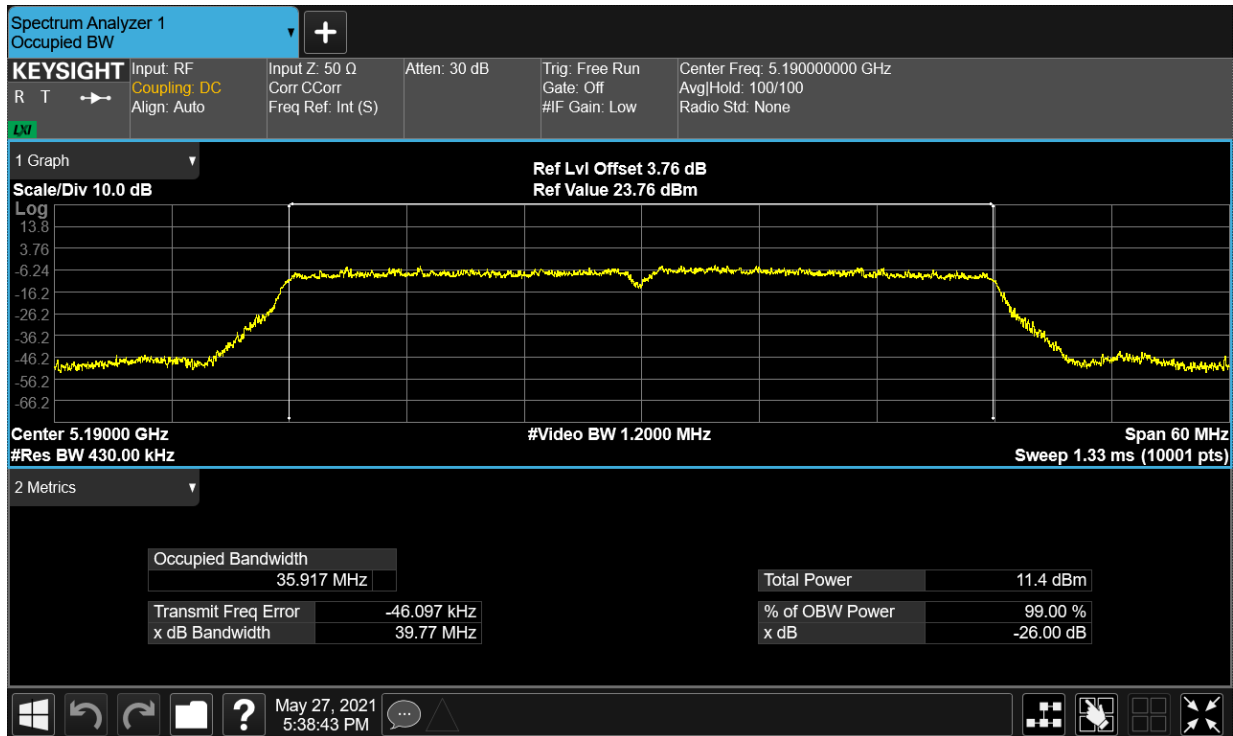
OBW NVNT ac20 5240MHz Ant2



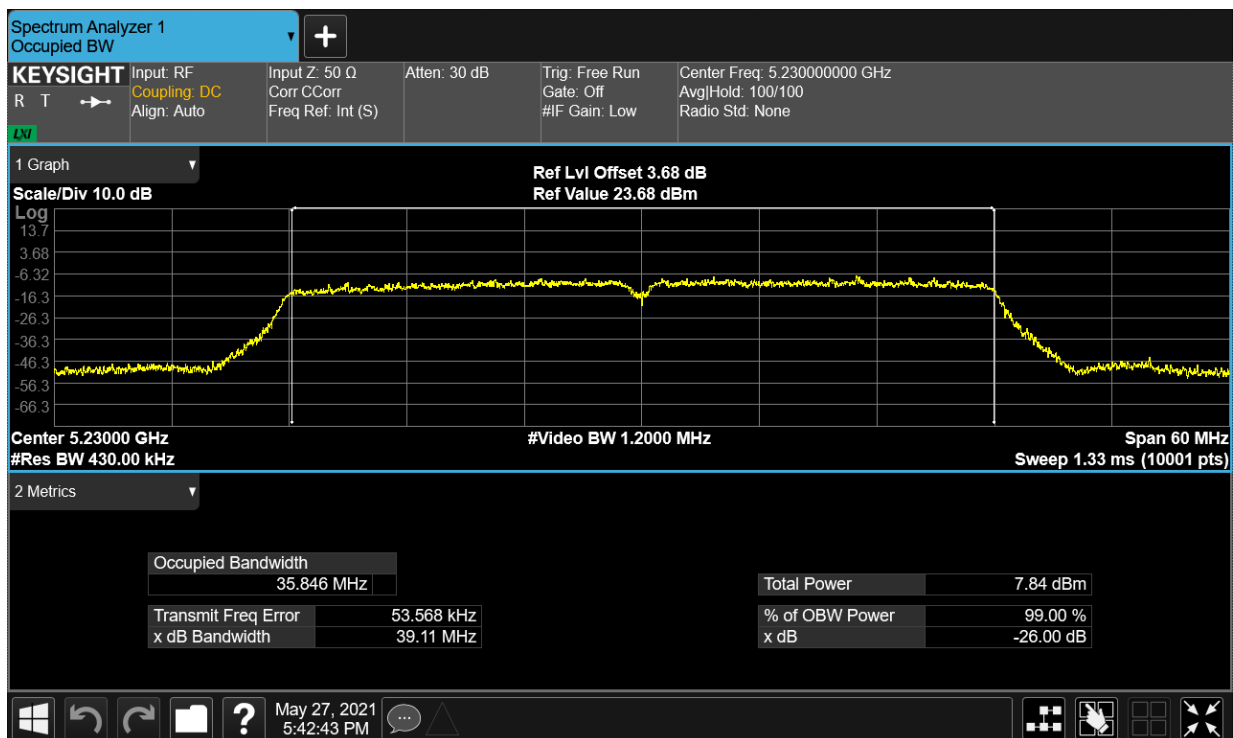
OBW NVNT ac40 5190MHz Ant1



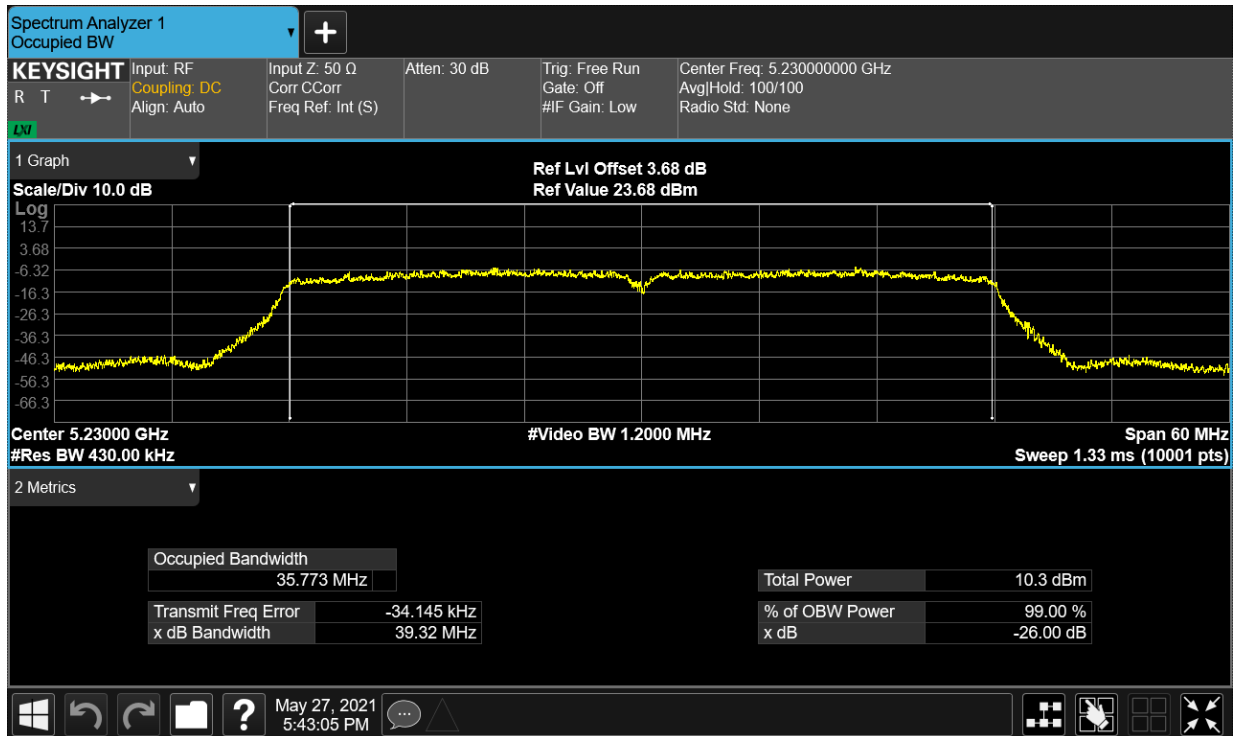
OBW NVNT ac40 5190MHz Ant2



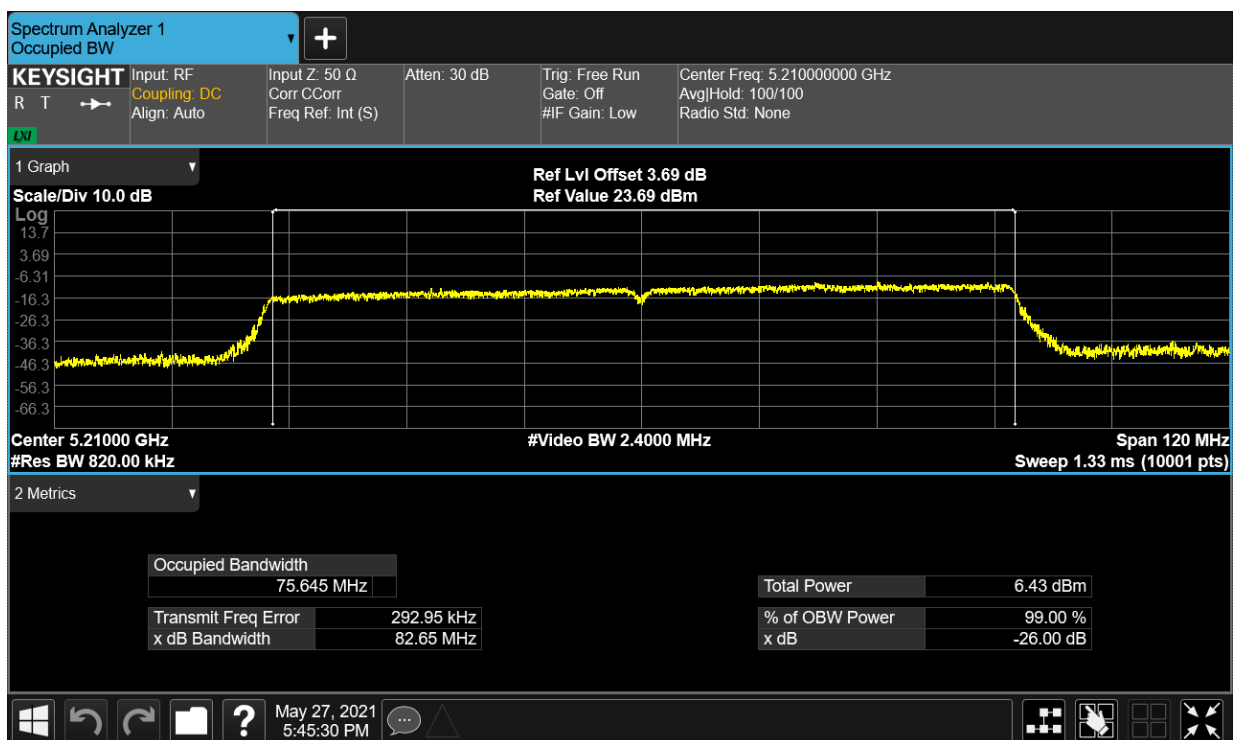
OBW NVNT ac40 5230MHz Ant1



OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2