

Test Data

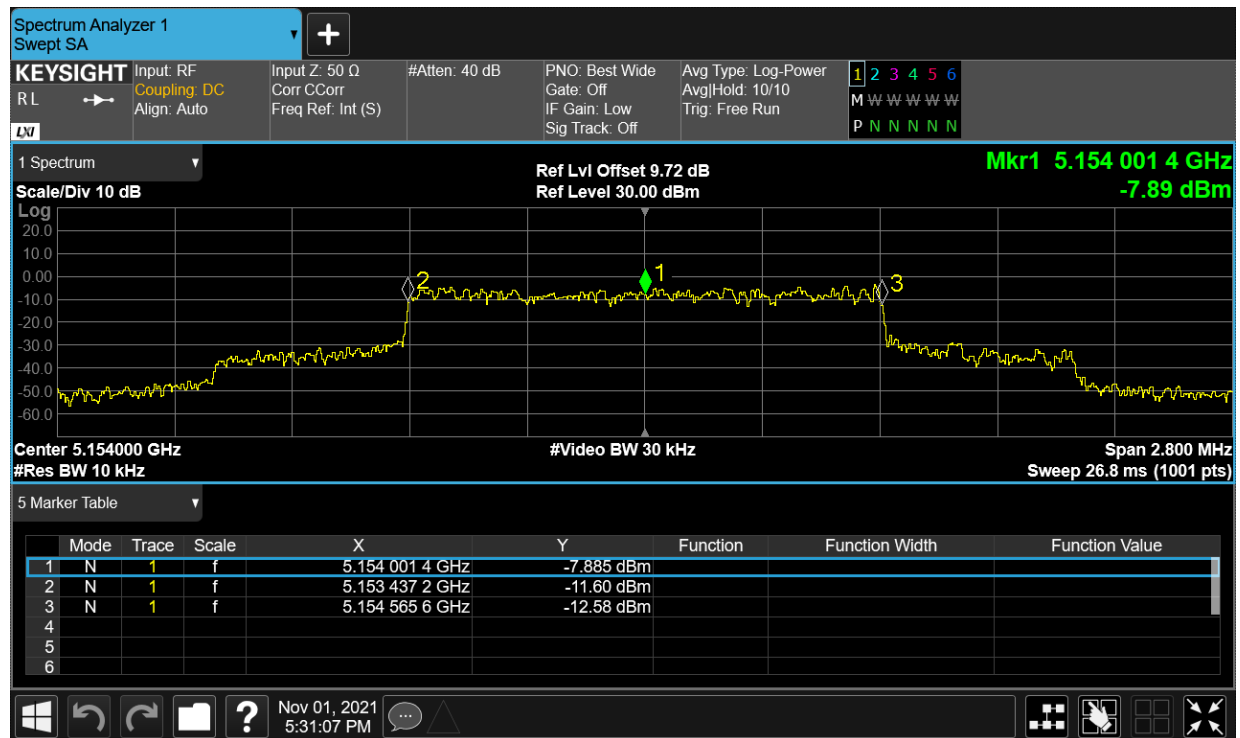
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	5.2G-1.4M-16QAM	5154	Sum	5154.0014	0.27	within the band	Pass
HVLT	5.2G-1.4M-16QAM	5154	Sum	5154.0014	0.27		Pass
LVHT	5.2G-1.4M-16QAM	5154	Sum	5154.0014	0.27		Pass
LVLT	5.2G-1.4M-16QAM	5154	Sum	5154	0		Pass
NVNT	5.2G-1.4M-16QAM	5154	Sum	5154	0		Pass
HVHT	5.2G-1.4M-QPSK	5154	Sum	5154.0014	0.27		Pass
HVLT	5.2G-1.4M-QPSK	5154	Sum	5154	0		Pass
LVHT	5.2G-1.4M-QPSK	5154	Sum	5154.0028	0.54		Pass
LVLT	5.2G-1.4M-QPSK	5154	Sum	5154.0014	0.27		Pass
NVNT	5.2G-1.4M-QPSK	5154	Sum	5154.0014	0.27		Pass
HVHT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
HVLT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
LVHT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
LVLT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
NVNT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
HVHT	5.2G-10M-QPSK	5157	Sum	5157	0		Pass
HVLT	5.2G-10M-QPSK	5157	Sum	5157	0		Pass
LVHT	5.2G-10M-QPSK	5157	Sum	5157	0		Pass
LVLT	5.2G-10M-QPSK	5157	Sum	5157	0		Pass
NVNT	5.2G-10M-QPSK	5157	Sum	5157	0		Pass
HVHT	5.2G-20M-16QAM	5167	Sum	5167	0		Pass
HVLT	5.2G-20M-16QAM	5167	Sum	5167	0		Pass
LVHT	5.2G-20M-16QAM	5167	Sum	5167	0		Pass
LVLT	5.2G-20M-16QAM	5167	Sum	5167	0		Pass
NVNT	5.2G-20M-16QAM	5167	Sum	5167	0		Pass
HVHT	5.2G-20M-QPSK	5167	Sum	5167	0		Pass
HVLT	5.2G-20M-QPSK	5167	Sum	5167	0		Pass
LVHT	5.2G-20M-QPSK	5167	Sum	5167	0		Pass
LVLT	5.2G-20M-QPSK	5167	Sum	5167	0		Pass
NVNT	5.2G-20M-QPSK	5167	Sum	5167	0		Pass

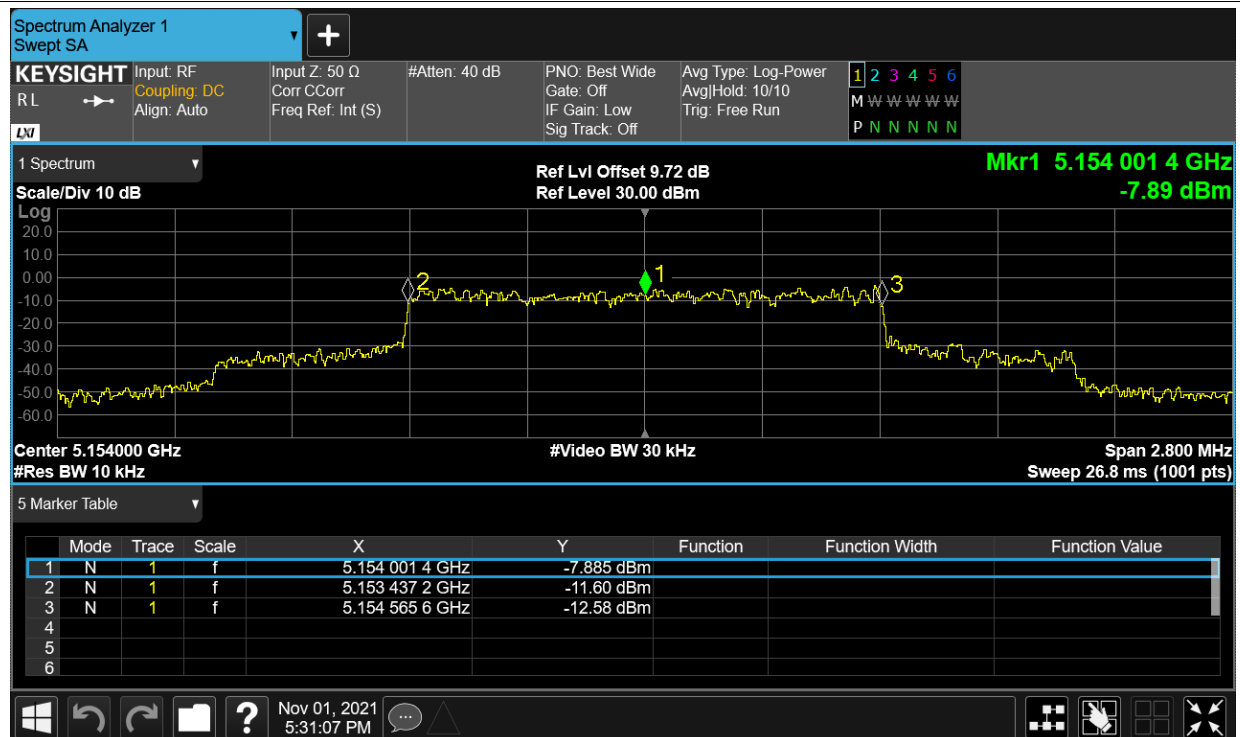
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

Test Graphs

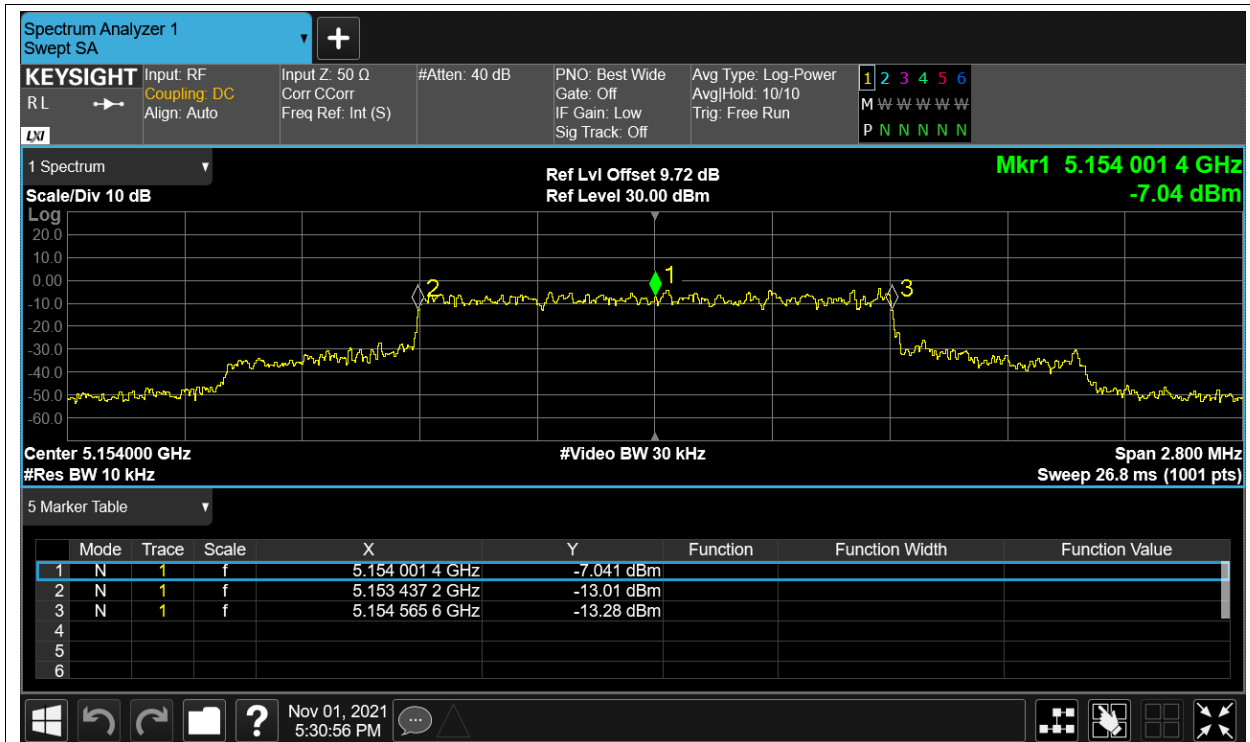
Freq. Stability HVHT 5.2G-1.4M-16QAM 5154MHz Sum



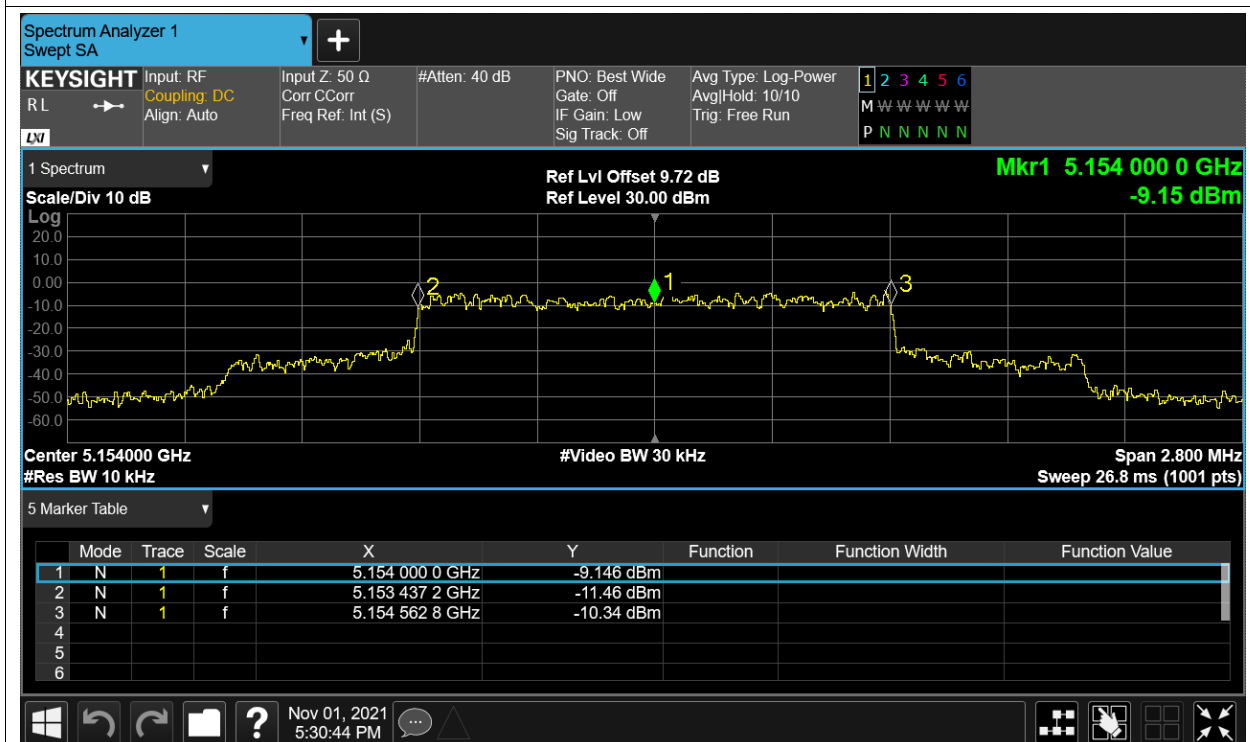
Freq. Stability HVLT 5.2G-1.4M-16QAM 5154MHz Sum



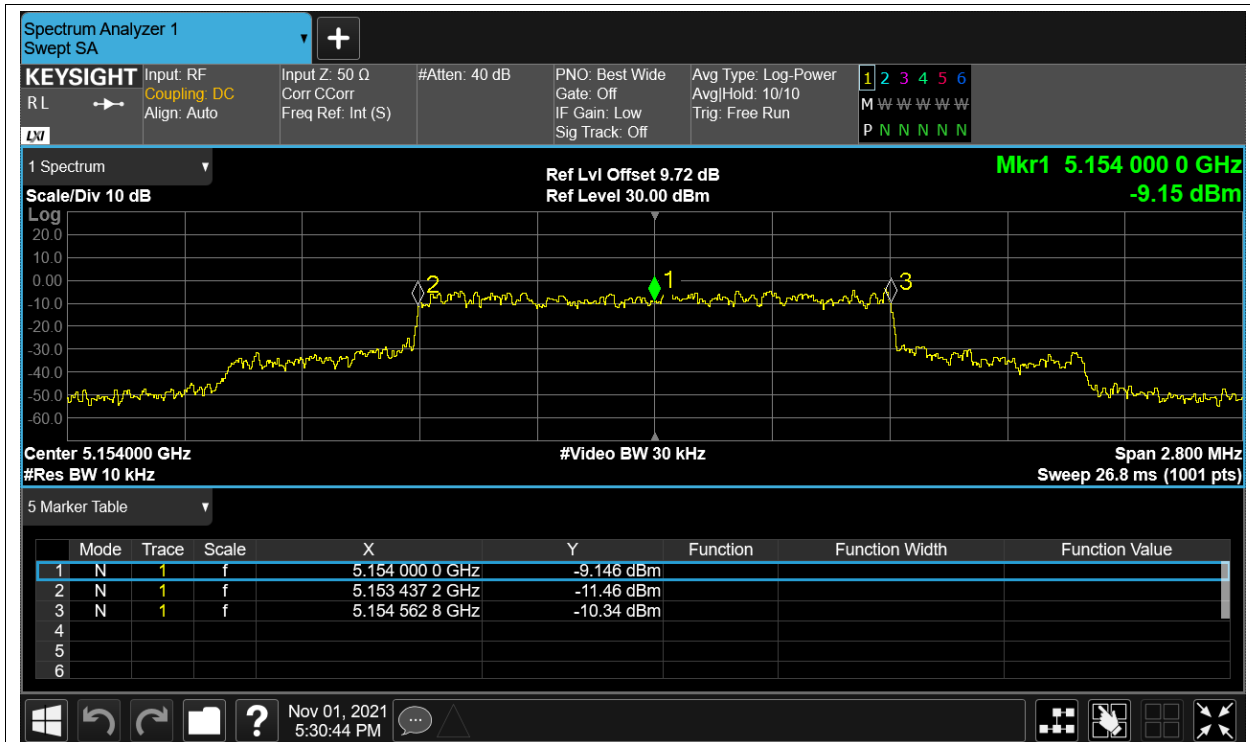
Freq. Stability LVHT 5.2G-1.4M-16QAM 5154MHz Sum



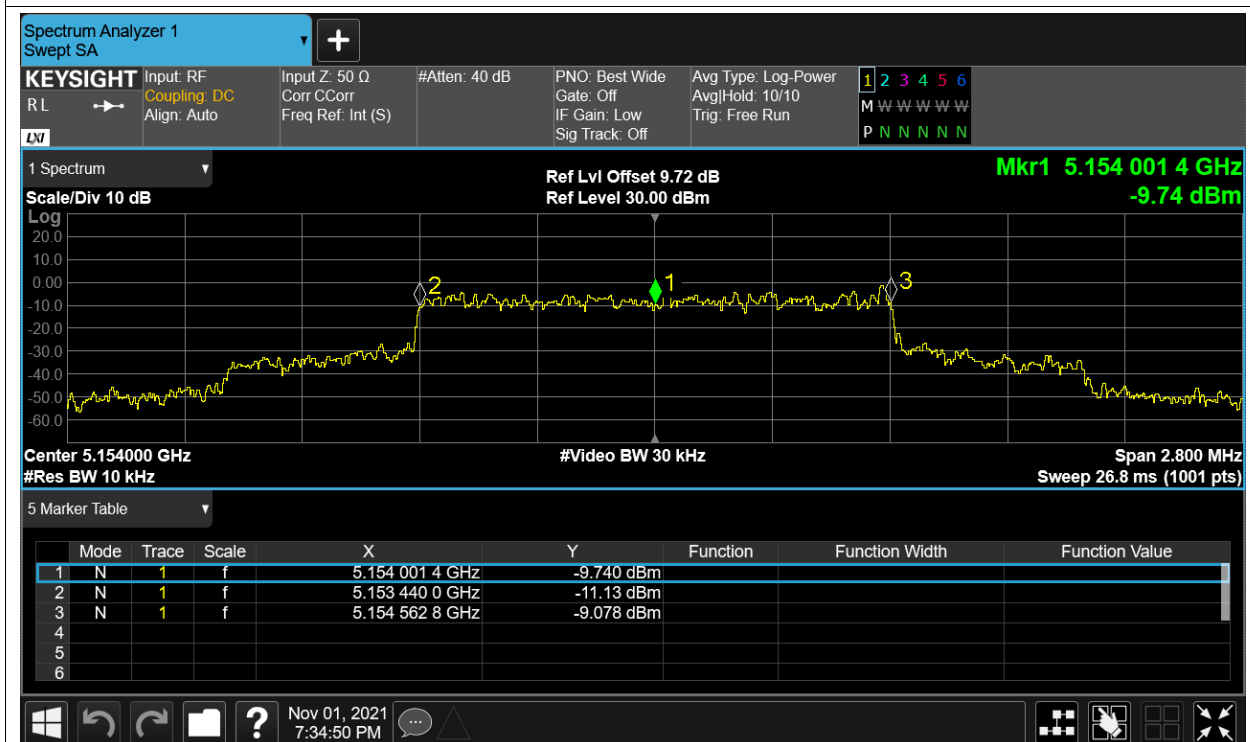
Freq. Stability LVL 5.2G-1.4M-16QAM 5154MHz Sum



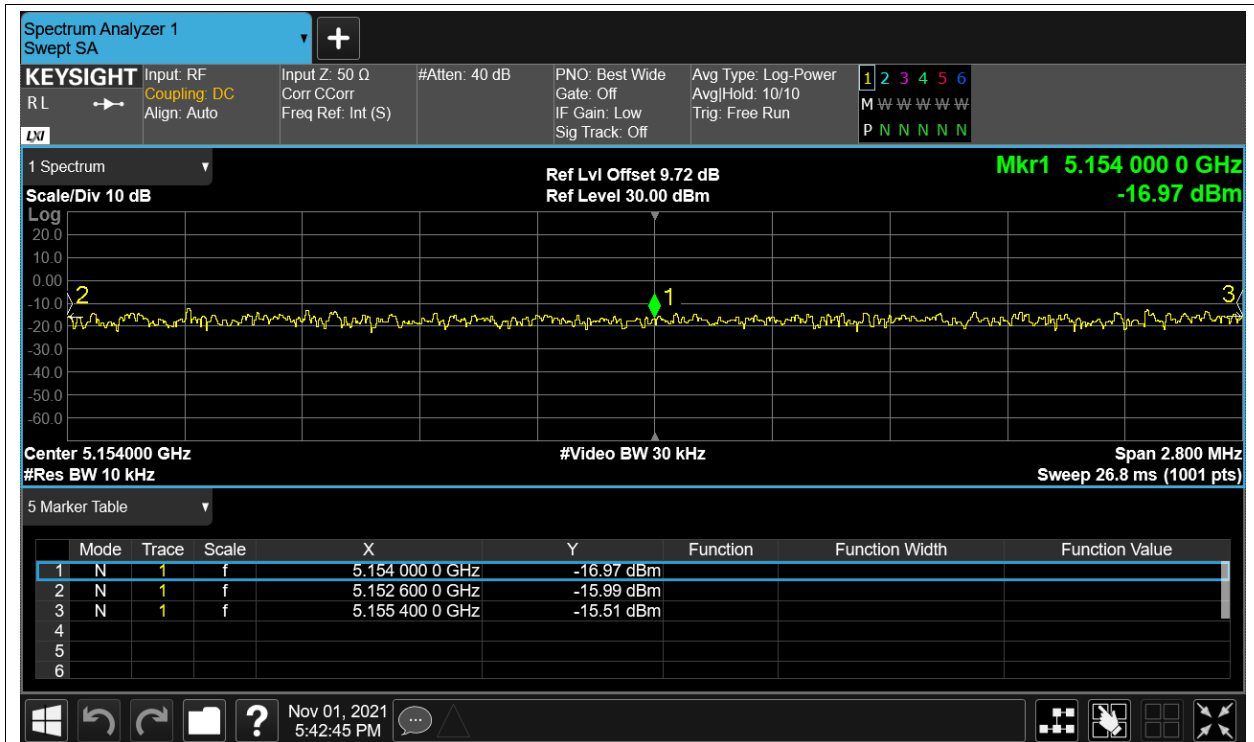
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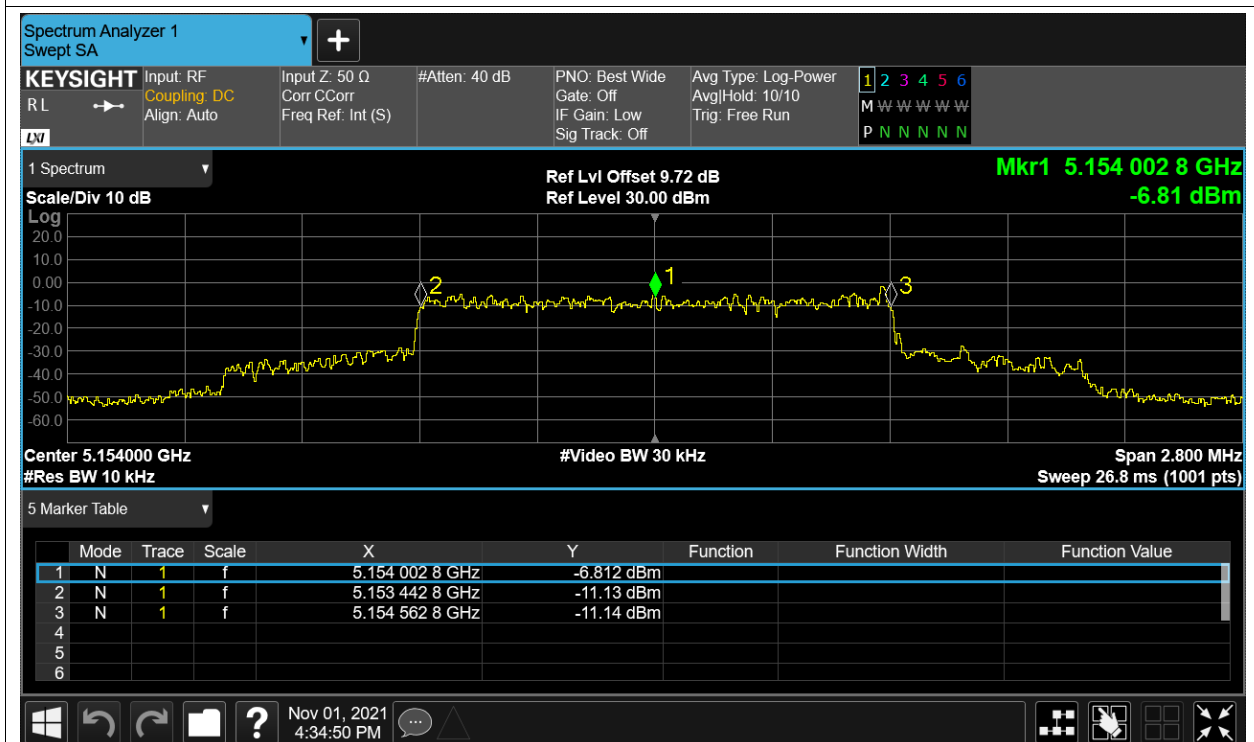
Freq. Stability HVHT 5.2G-1.4M-QPSK 5154MHz Sum



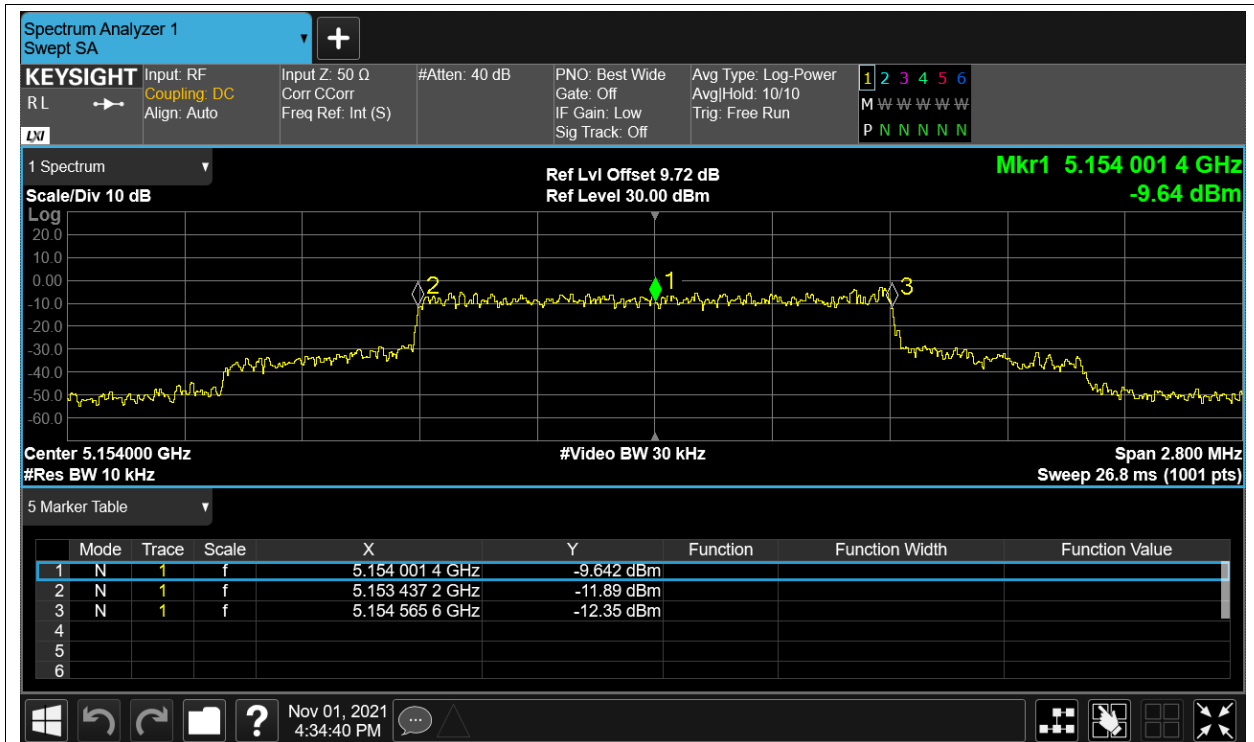
Freq. Stability HVLT 5.2G-1.4M-QPSK 5154MHz Sum



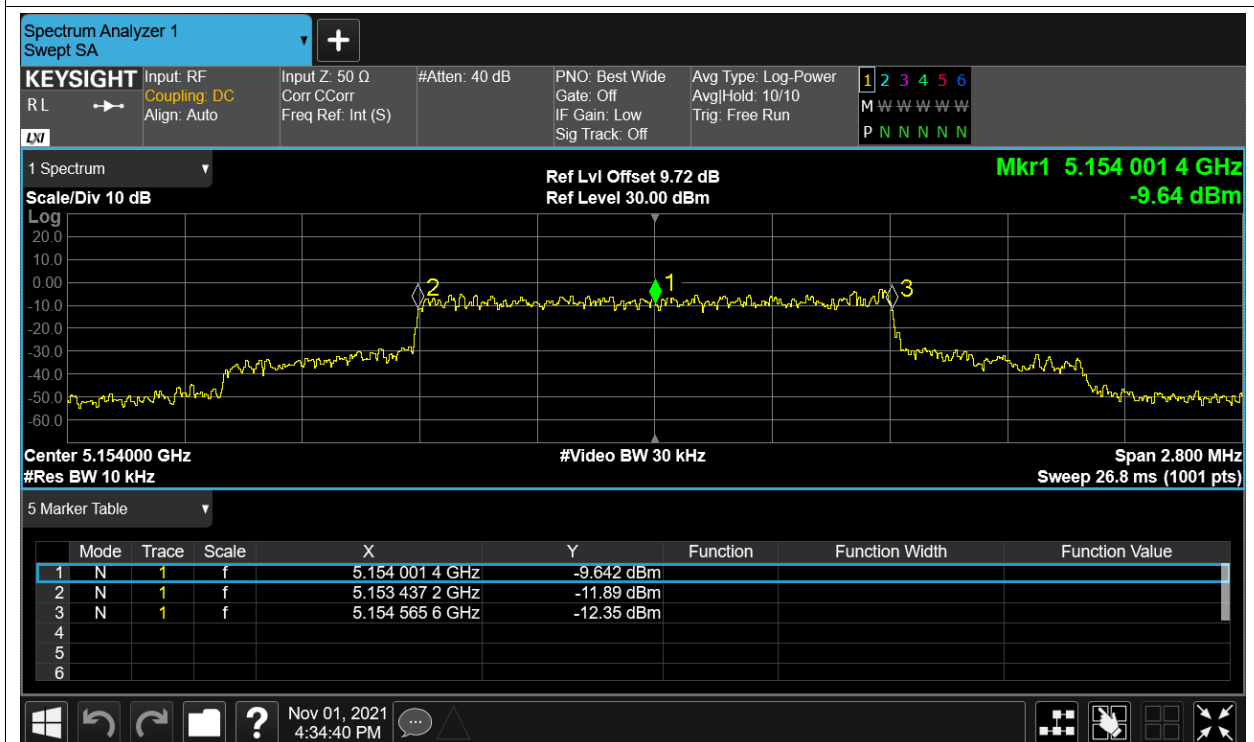
Freq. Stability LVHT 5.2G-1.4M-QPSK 5154MHz Sum



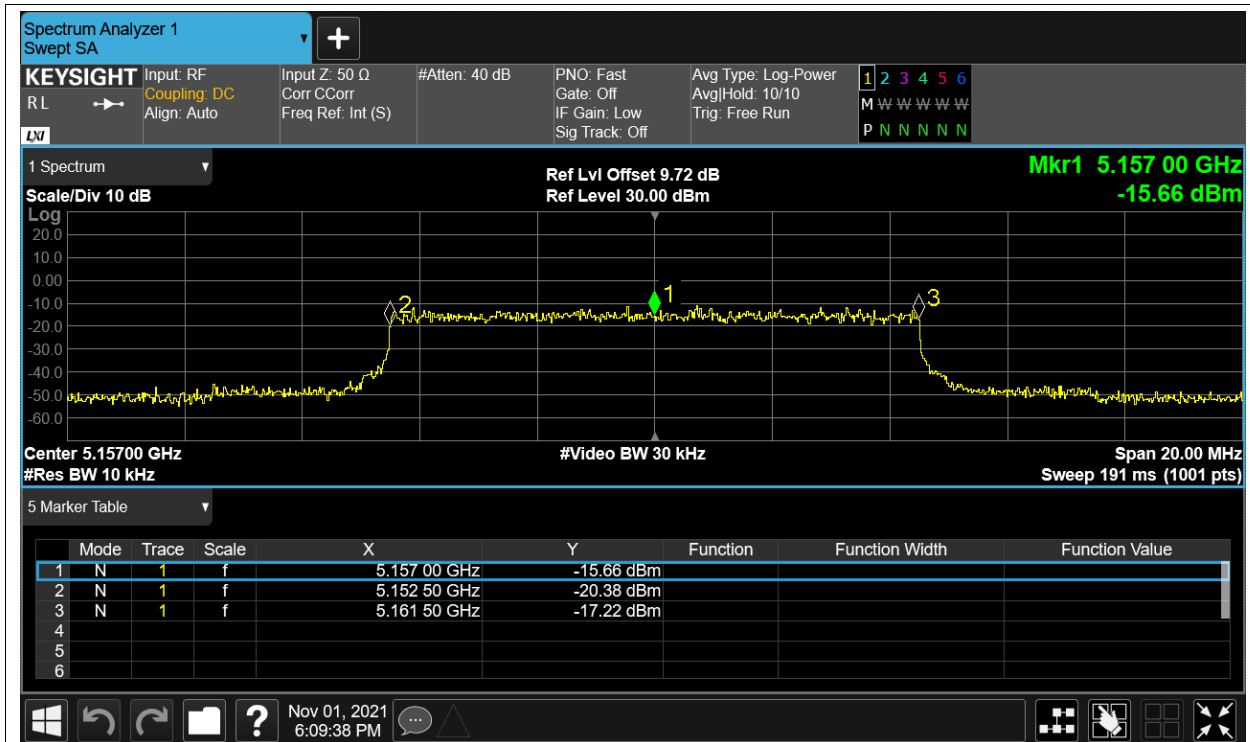
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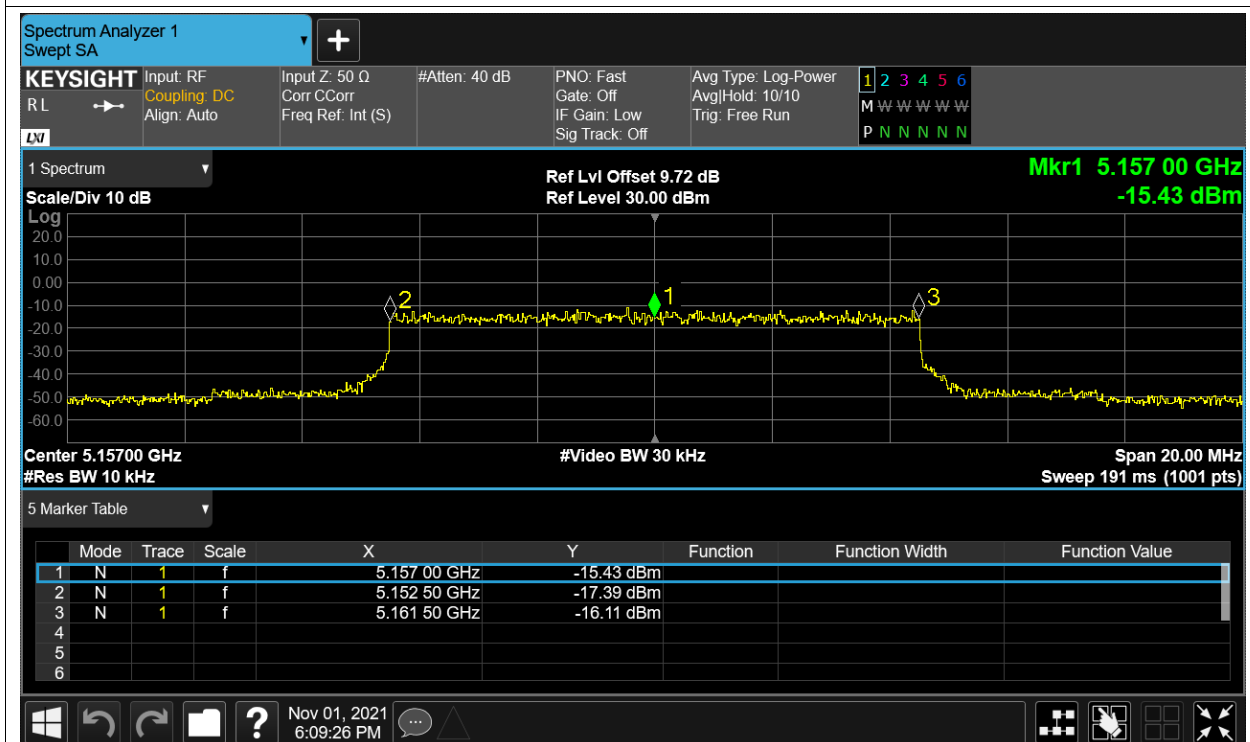
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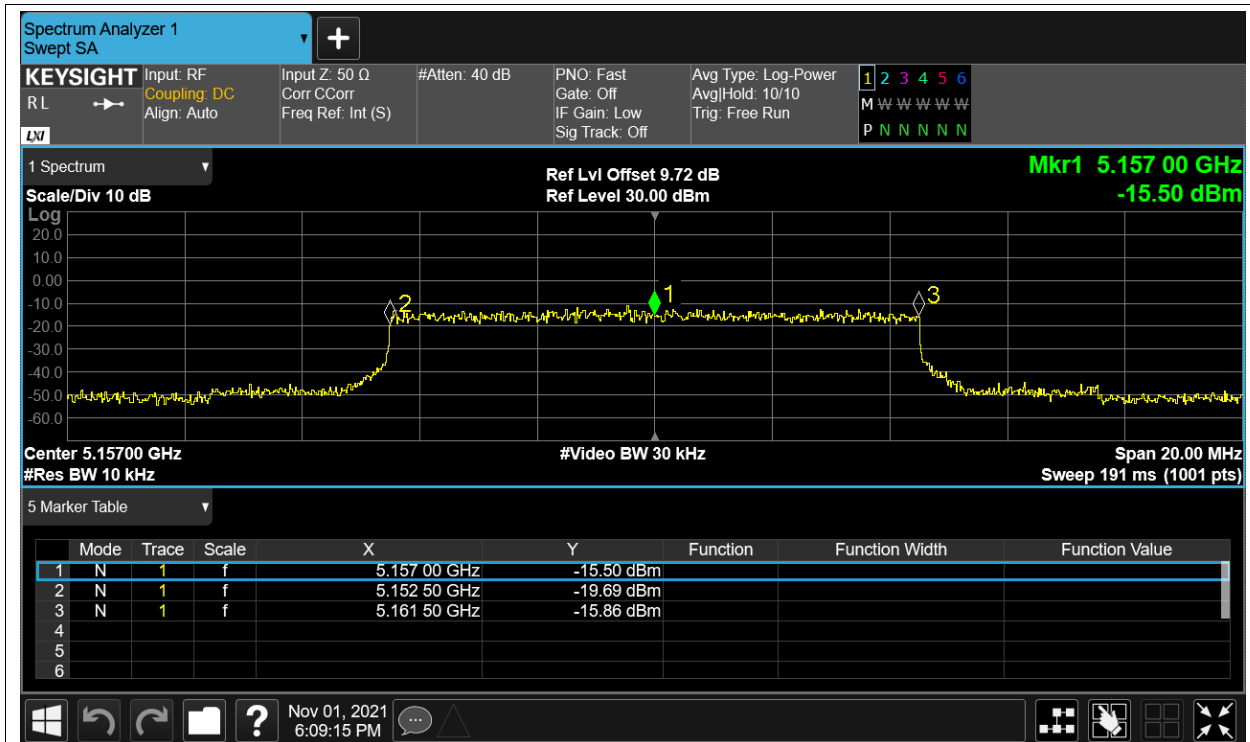
Freq. Stability HVHT 5.2G-10M-16QAM 5157MHz Sum



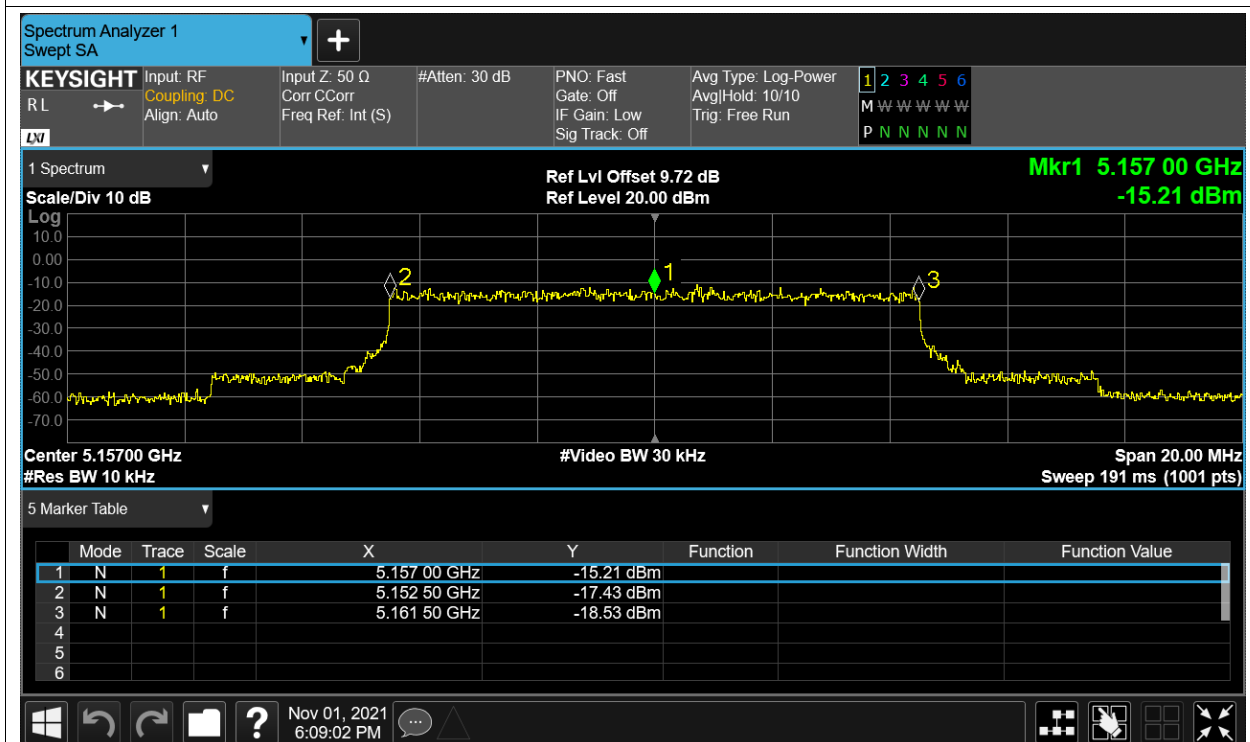
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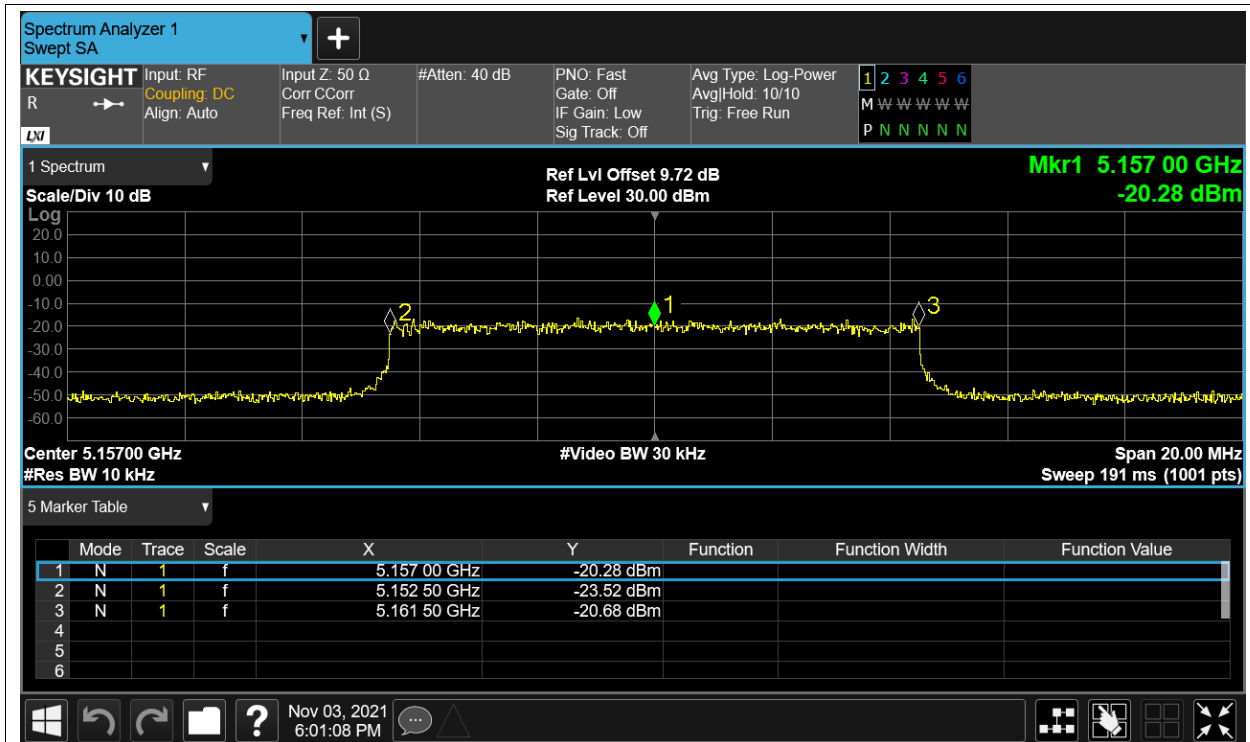
Freq. Stability LVHT 5.2G-10M-16QAM 5157MHz Sum



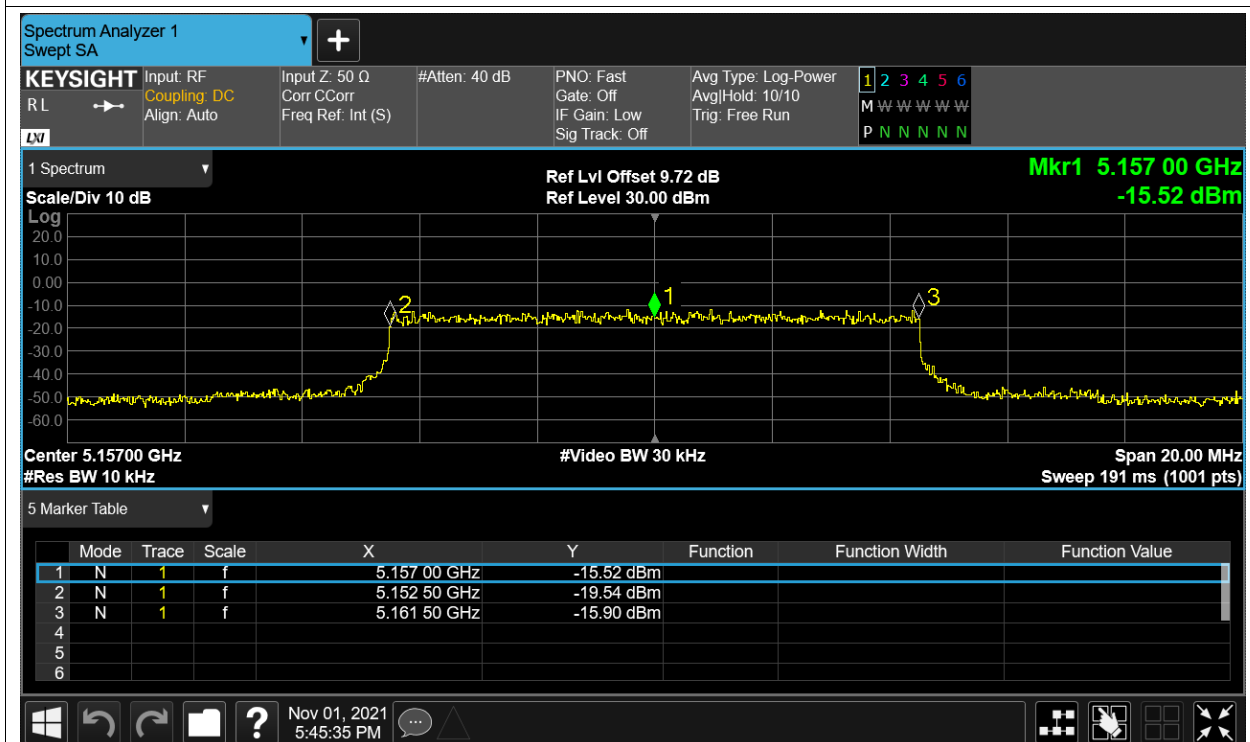
Freq. Stability LVLTL 5.2G-10M-16QAM 5157MHz Sum



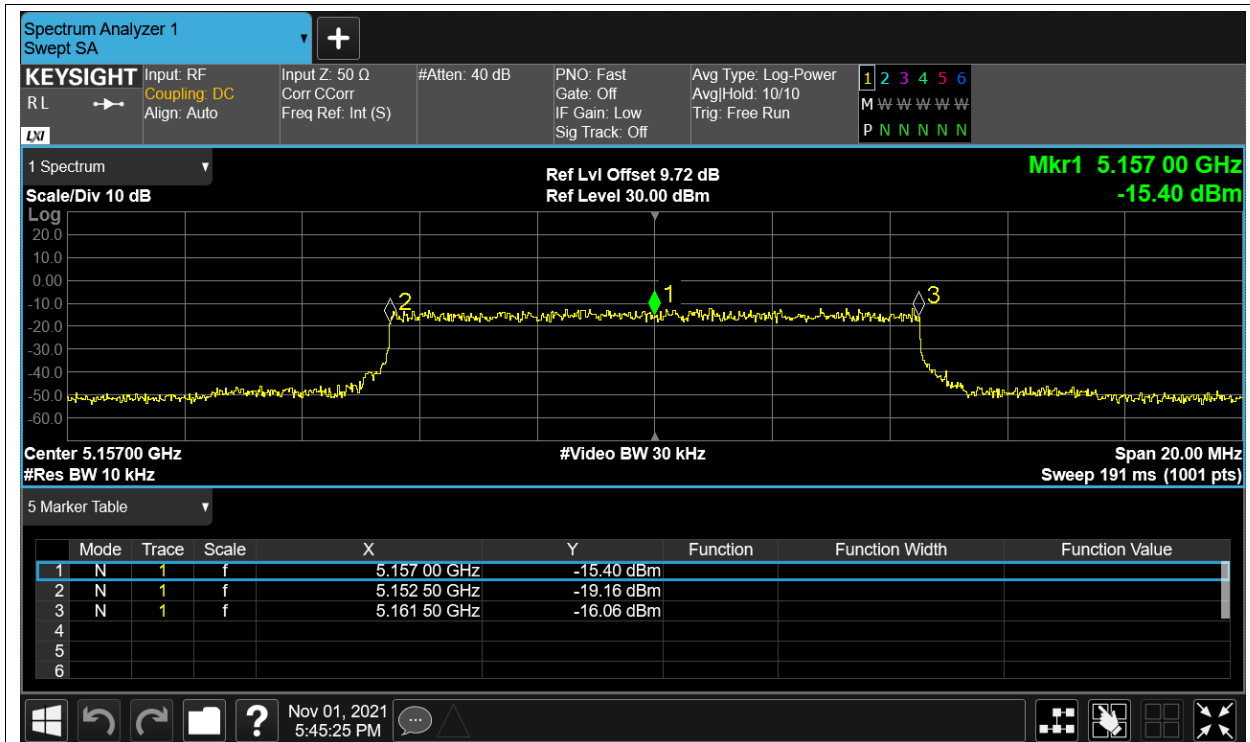
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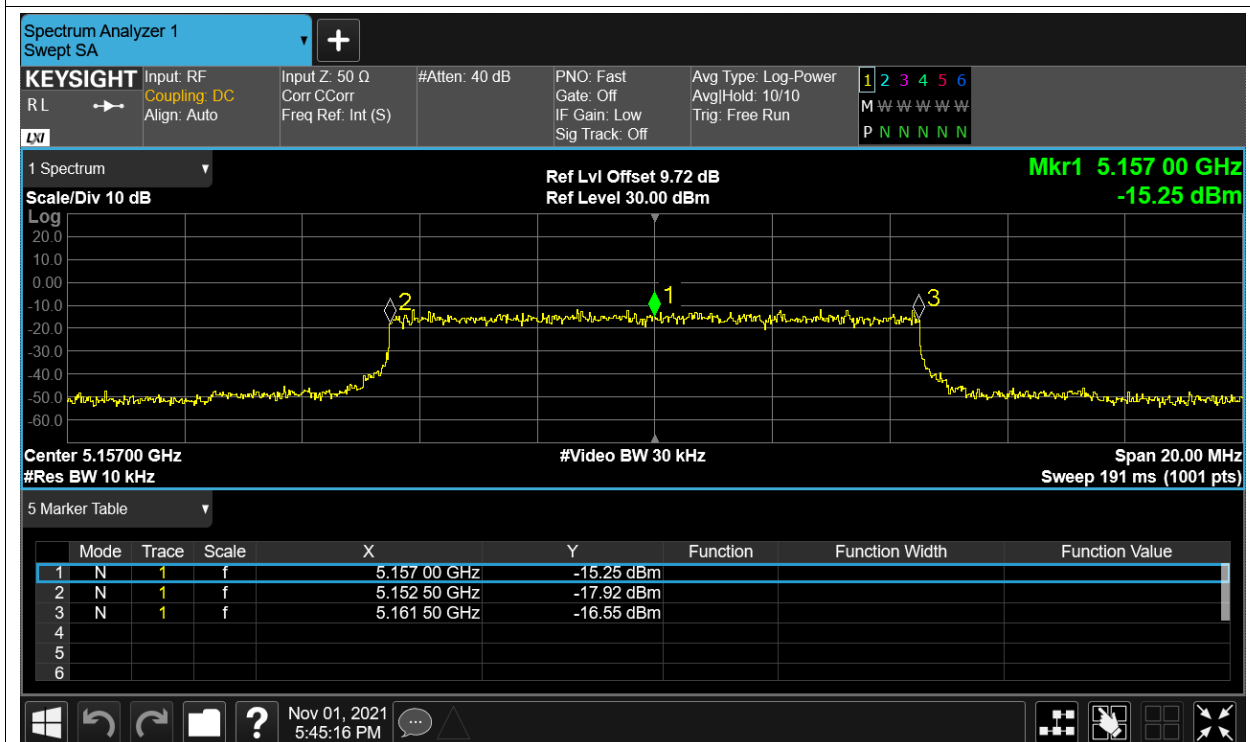
Freq. Stability HVHT 5.2G-10M-QPSK 5157MHz Sum



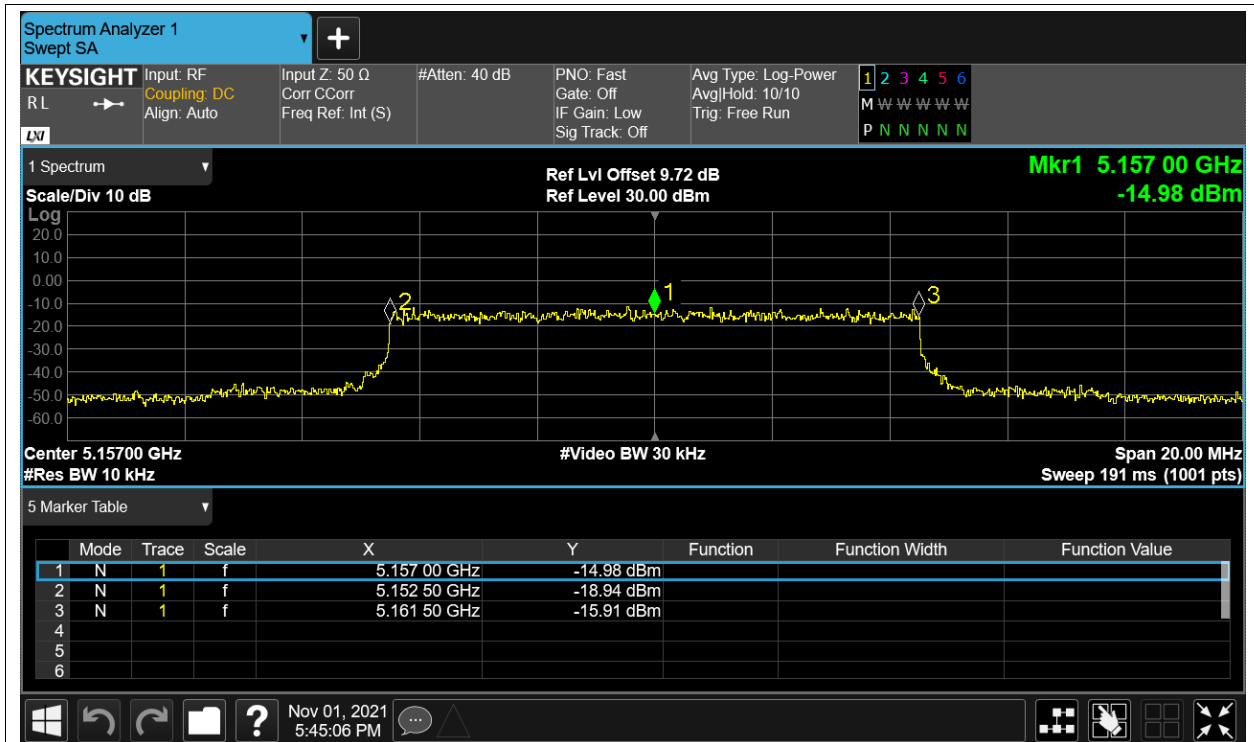
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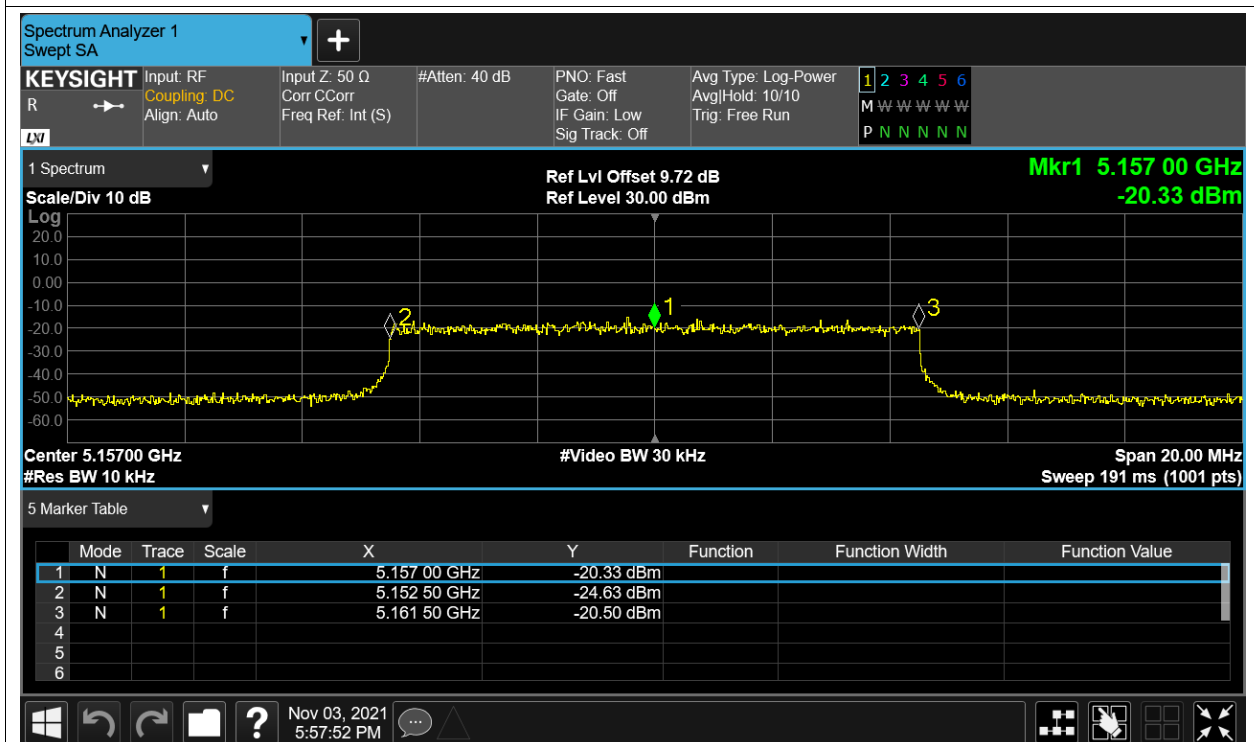
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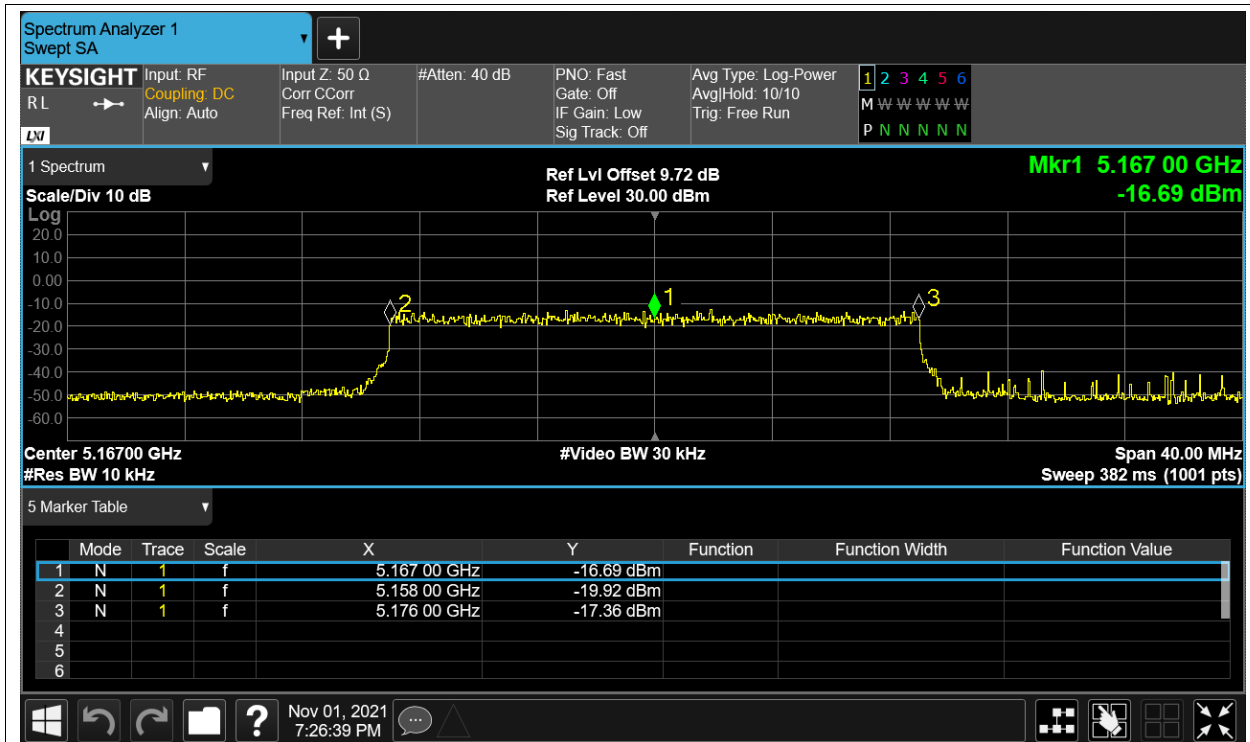
Freq. Stability LVLT 5.2G-10M-QPSK 5157MHz Sum



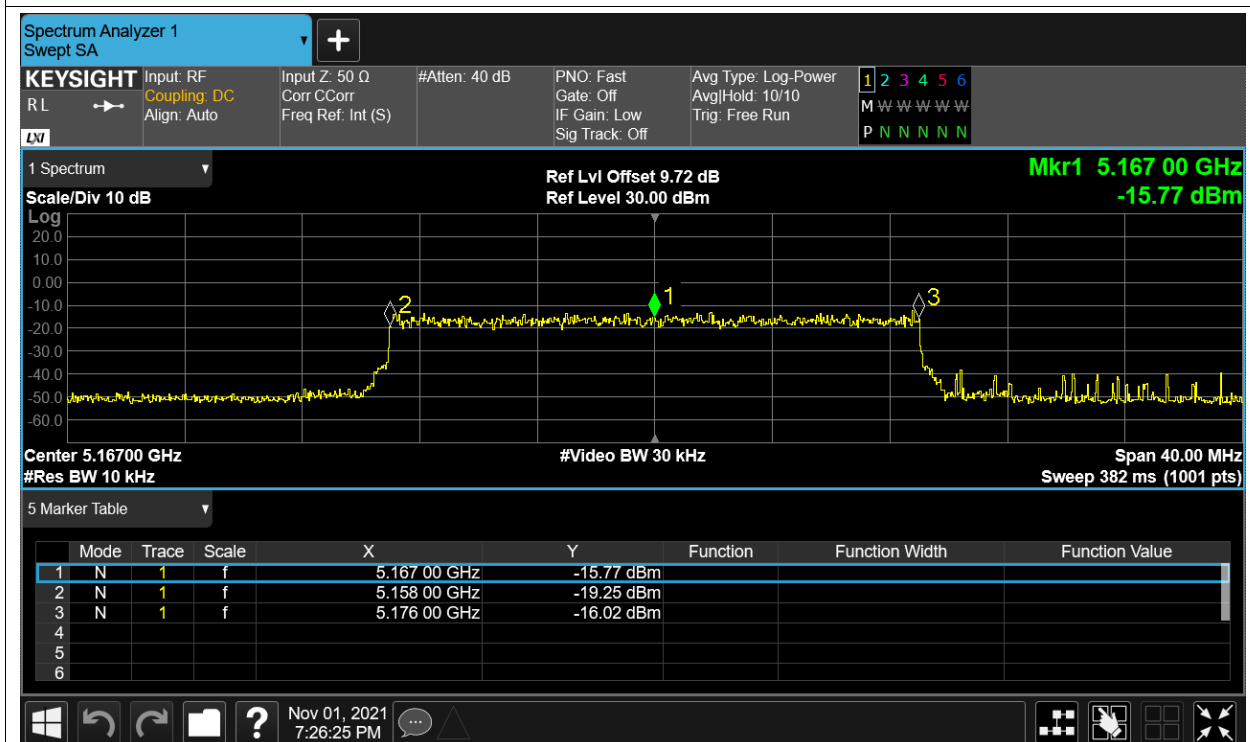
Freq. Stability NVNT 5.2G-10M-QPSK 5157MHz Sum



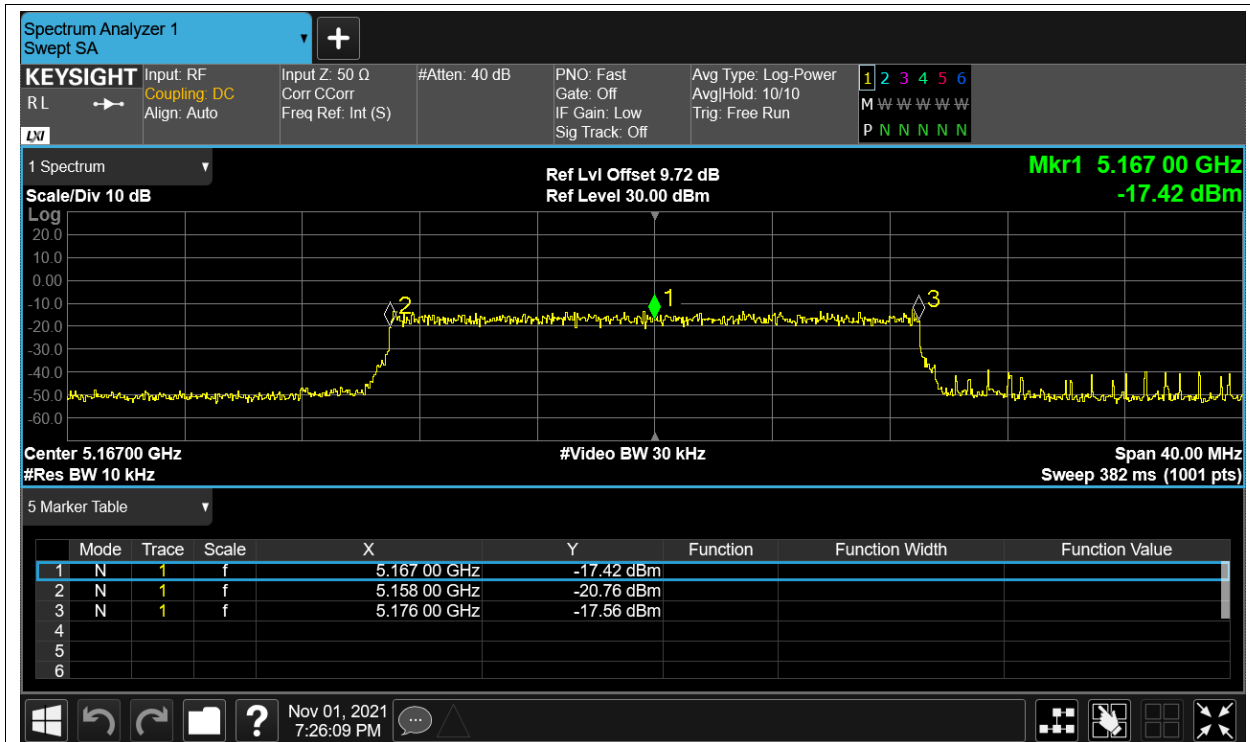
Freq. Stability HVHT 5.2G-20M-16QAM 5167MHz Sum



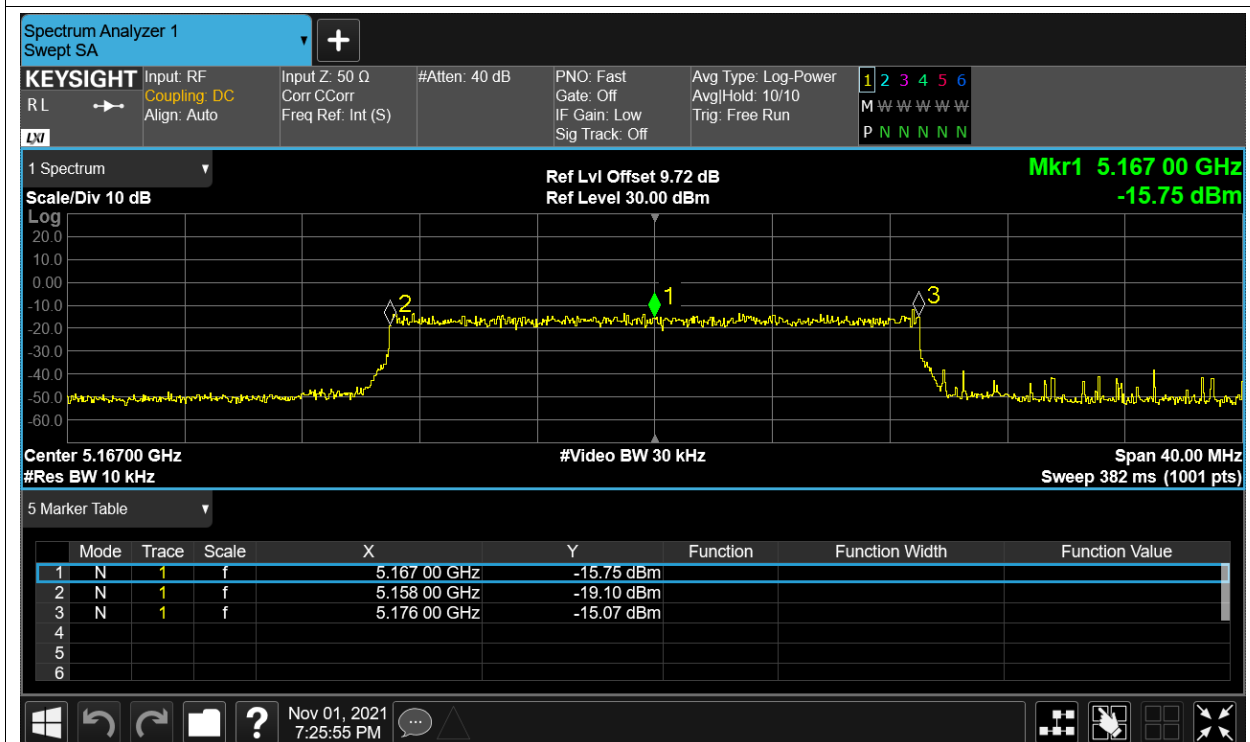
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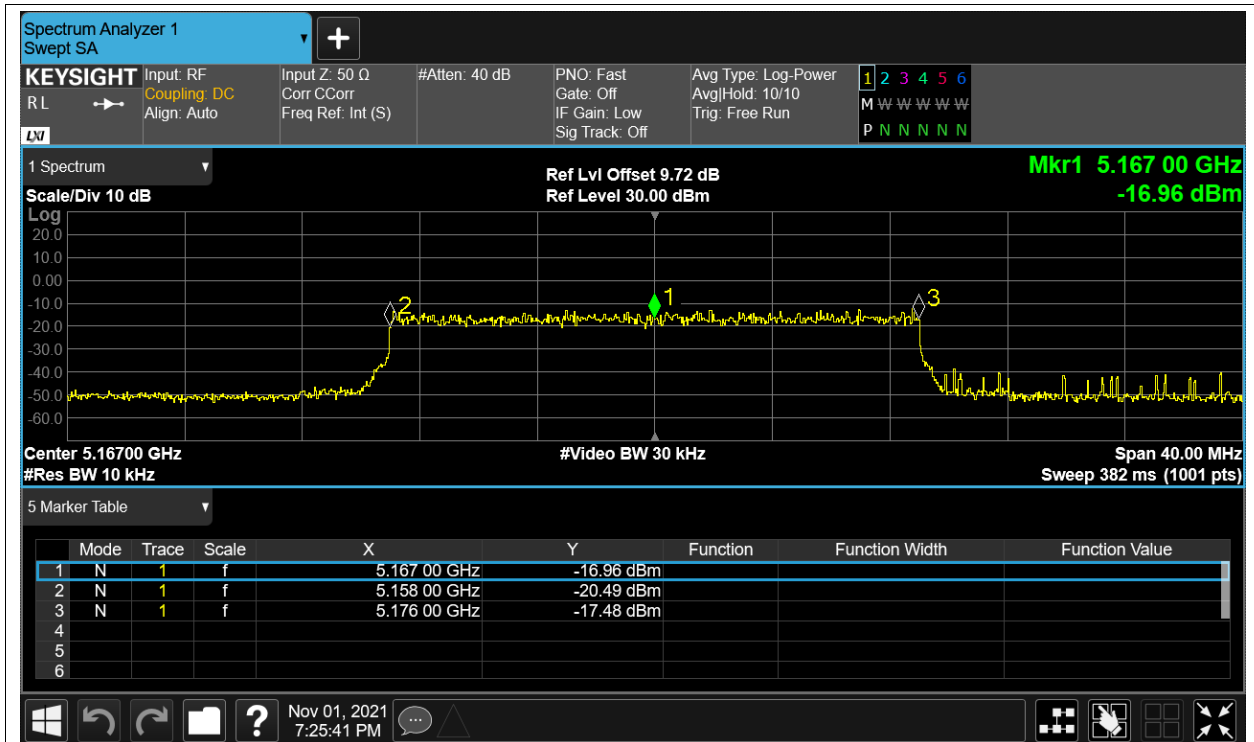
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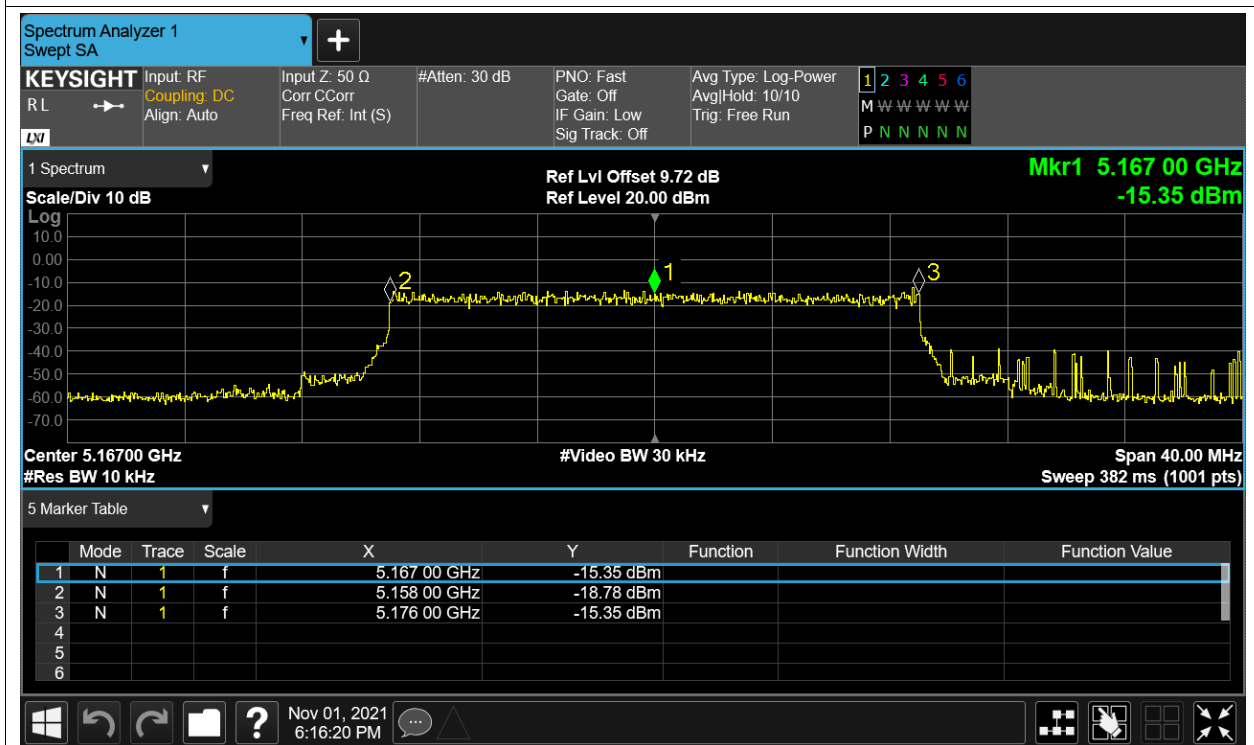
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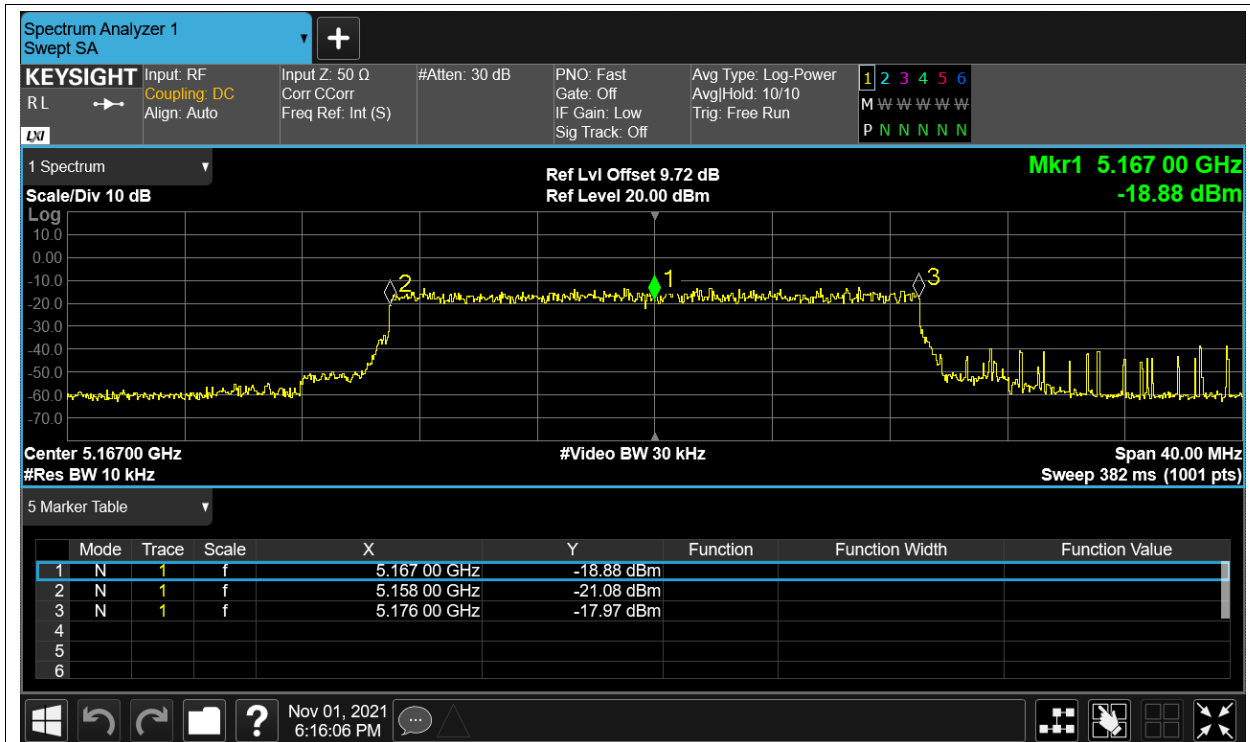
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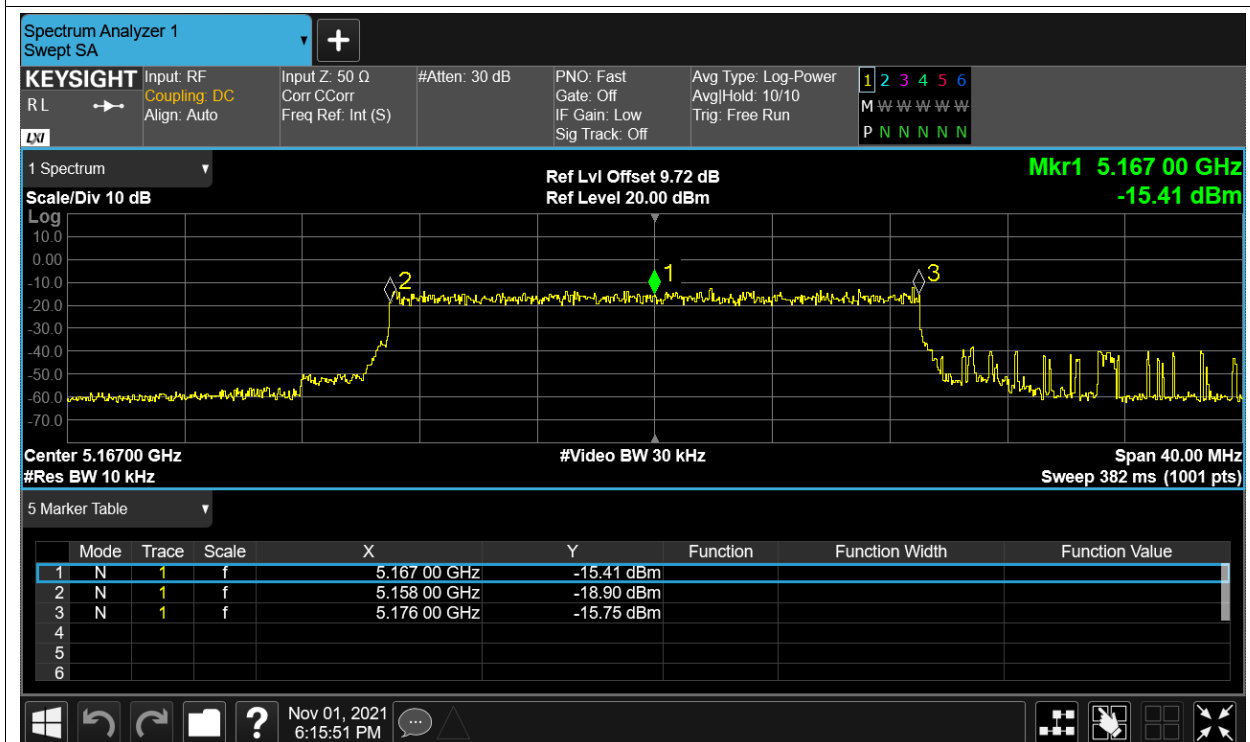
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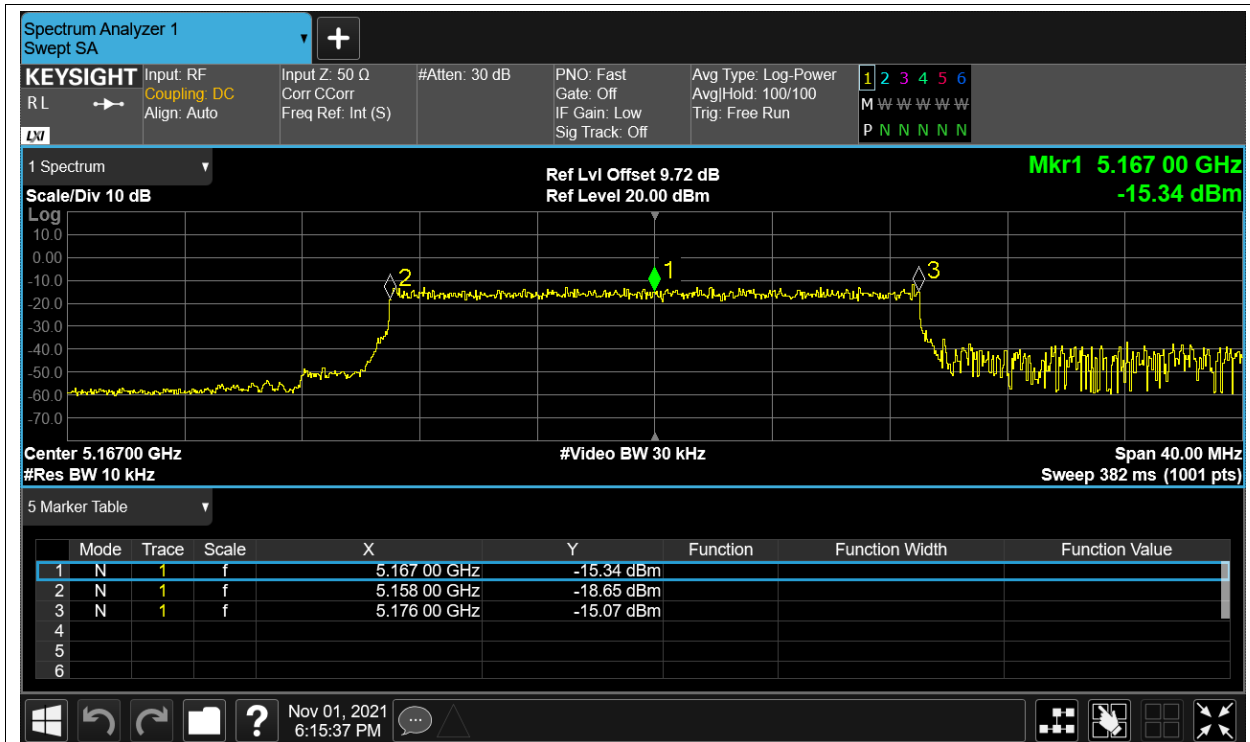
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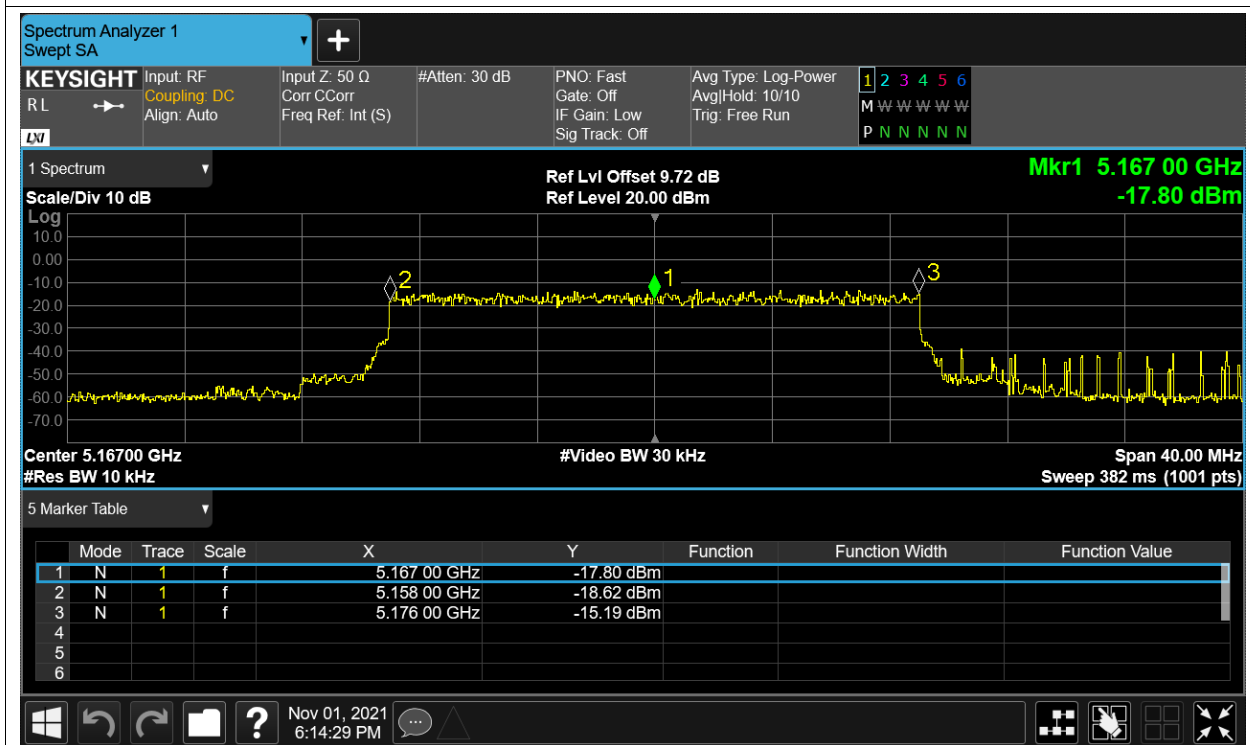
Freq. Stability LVHT 5.2G-20M-QPSK 5167MHz Sum



Freq. Stability LVLT 5.2G-20M-QPSK 5167MHz Sum



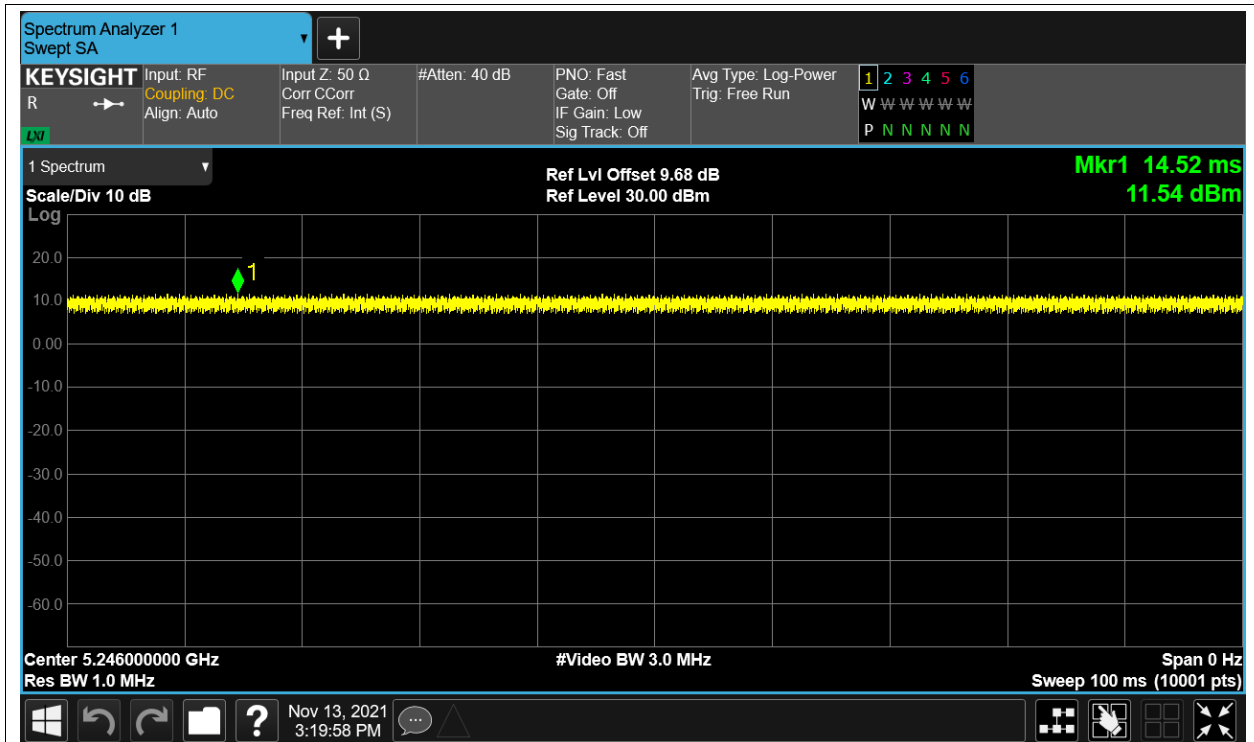
Freq. Stability NVNT 5.2G-20M-QPSK 5167MHz Sum



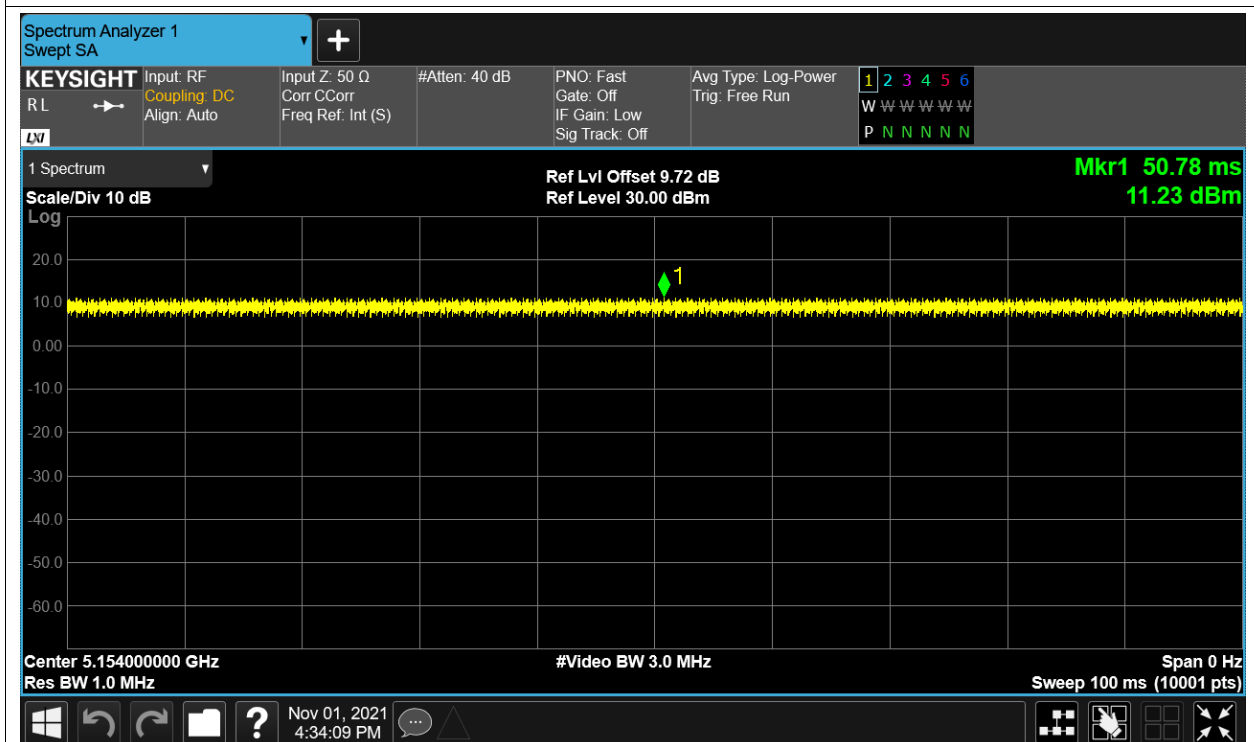
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	5.2G-1.4M-16QAM	5154	Sum	100	0
NVNT	5.2G-1.4M-16QAM	5201	Sum	100	0
NVNT	5.2G-1.4M-16QAM	5246	Sum	100	0
NVNT	5.2G-1.4M-QPSK	5154	Sum	100	0
NVNT	5.2G-1.4M-QPSK	5201	Sum	100	0
NVNT	5.2G-1.4M-QPSK	5246	Sum	100	0
NVNT	5.2G-10M-16QAM	5157	Sum	100	0
NVNT	5.2G-10M-16QAM	5201	Sum	100	0
NVNT	5.2G-10M-16QAM	5243	Sum	100	0
NVNT	5.2G-10M-QPSK	5157	Sum	100	0
NVNT	5.2G-10M-QPSK	5201	Sum	100	0
NVNT	5.2G-10M-QPSK	5243	Sum	100	0
NVNT	5.2G-20M-16QAM	5167	Sum	100	0
NVNT	5.2G-20M-16QAM	5201	Sum	100	0
NVNT	5.2G-20M-16QAM	5233	Sum	100	0
NVNT	5.2G-20M-QPSK	5167	Sum	100	0
NVNT	5.2G-20M-QPSK	5201	Sum	100	0
NVNT	5.2G-20M-QPSK	5233	Sum	100	0

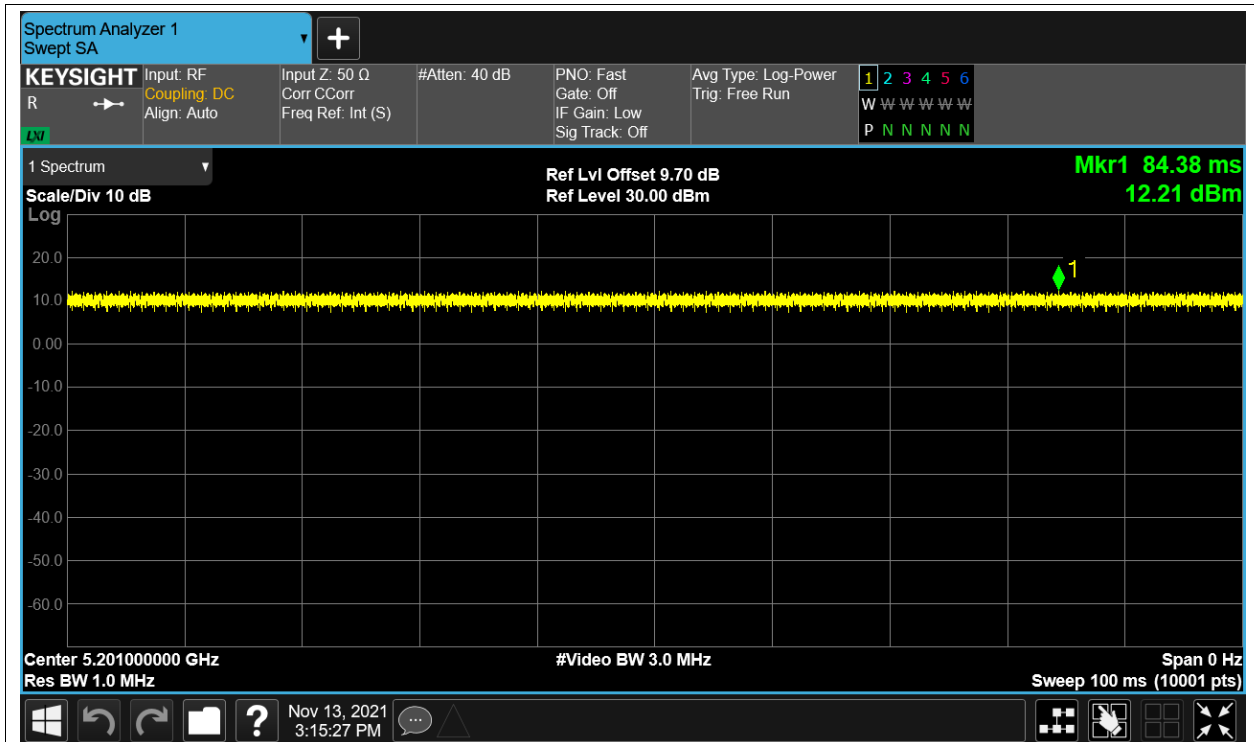




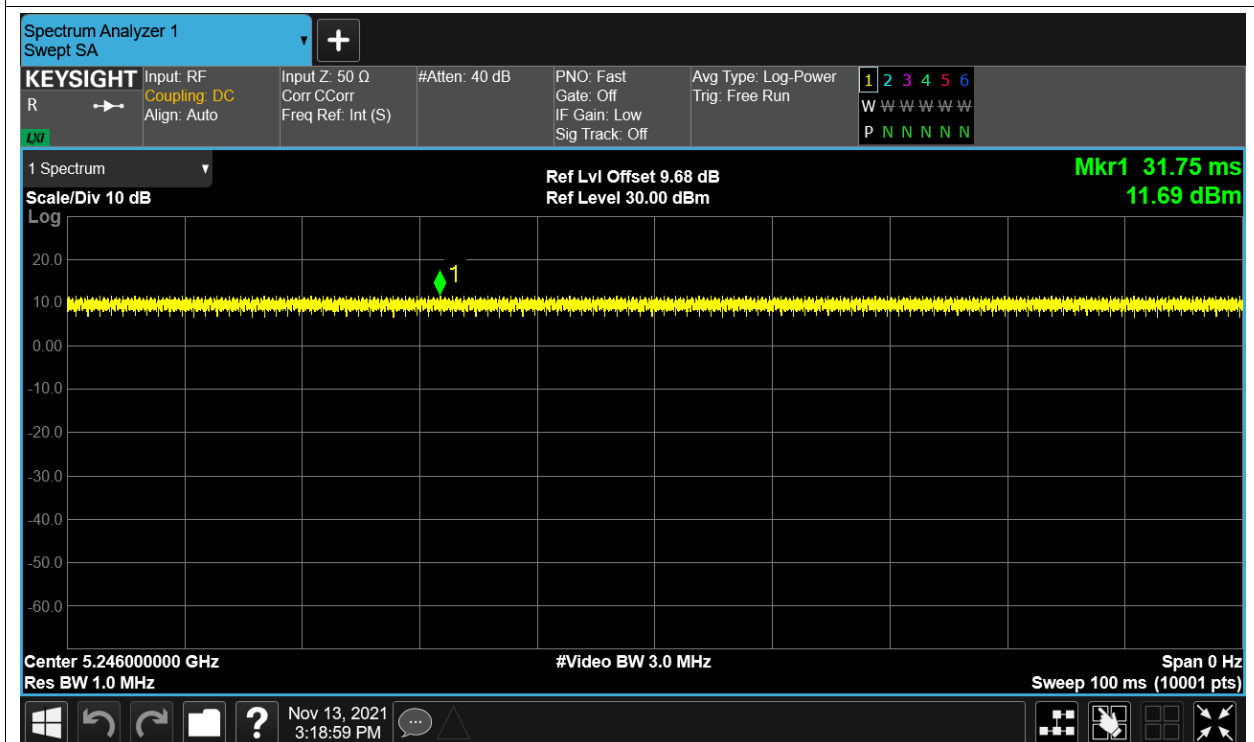
Duty Cycle NVNT 5.2G-1.4M-QPSK 5154MHz Sum



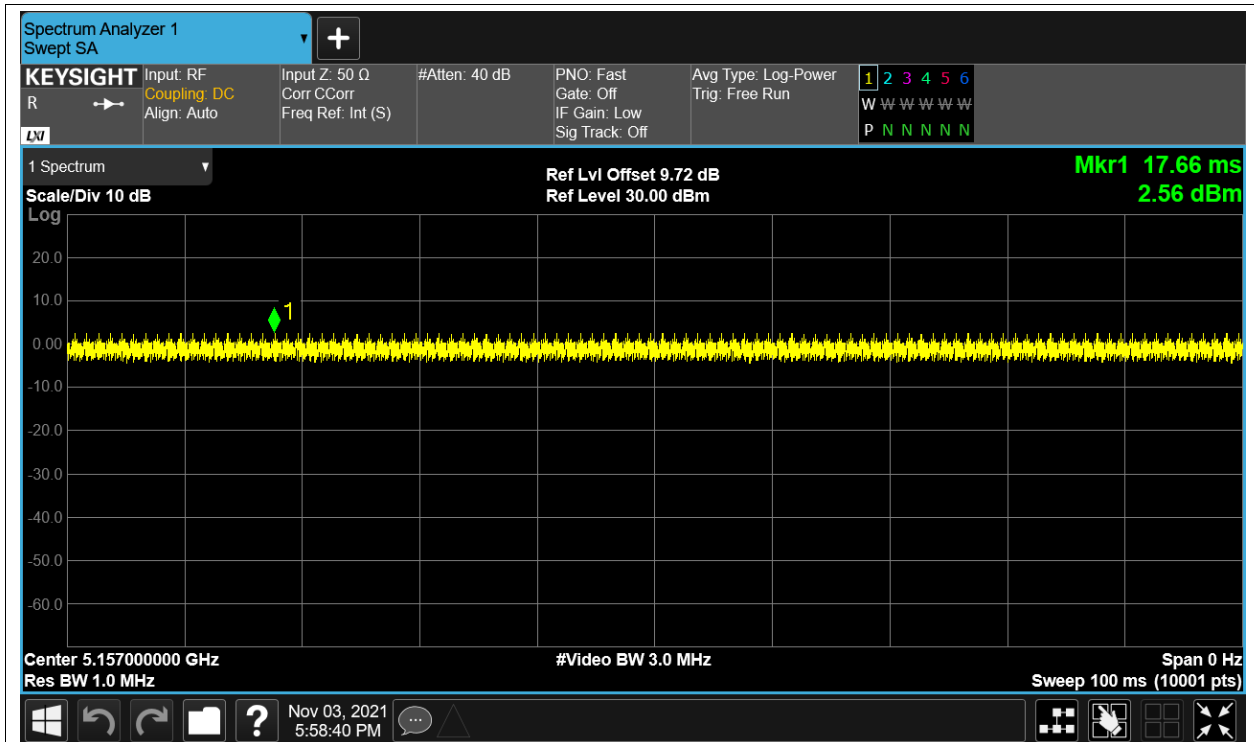
Duty Cycle NVNT 5.2G-1.4M-QPSK 5201MHz Sum



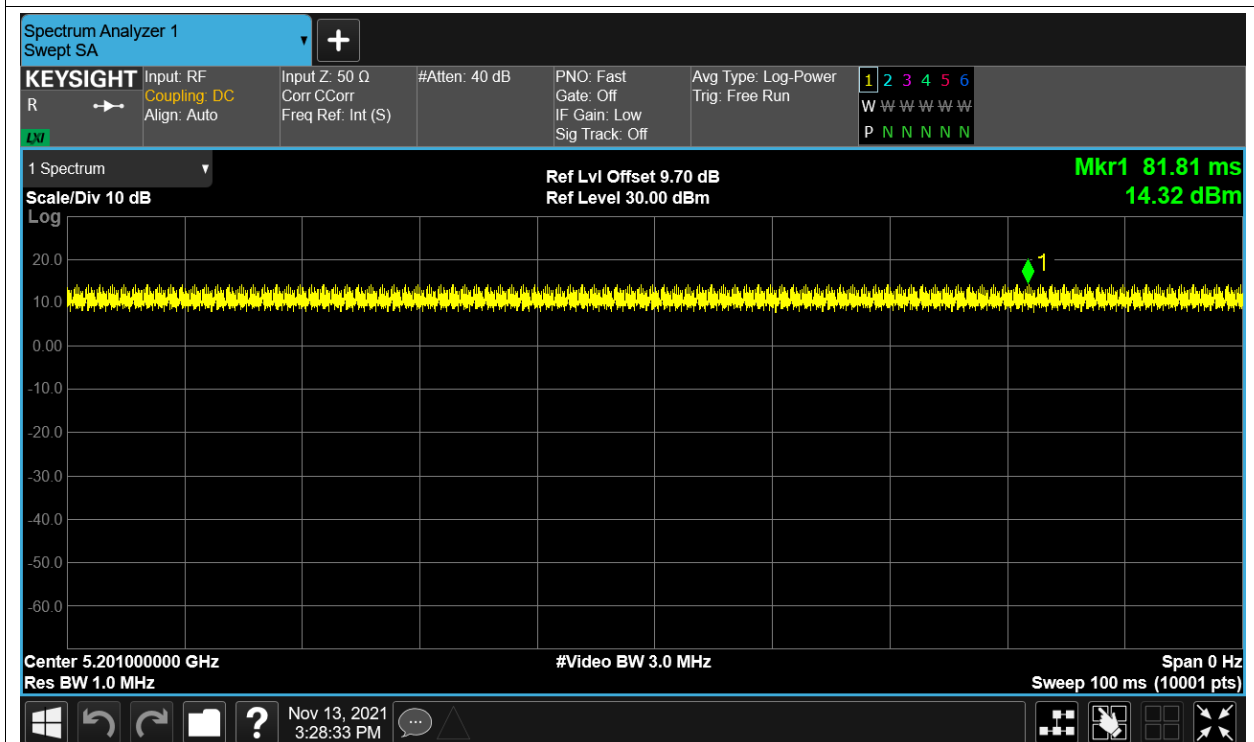
Duty Cycle NVNT 5.2G-1.4M-QPSK 5246MHz Sum



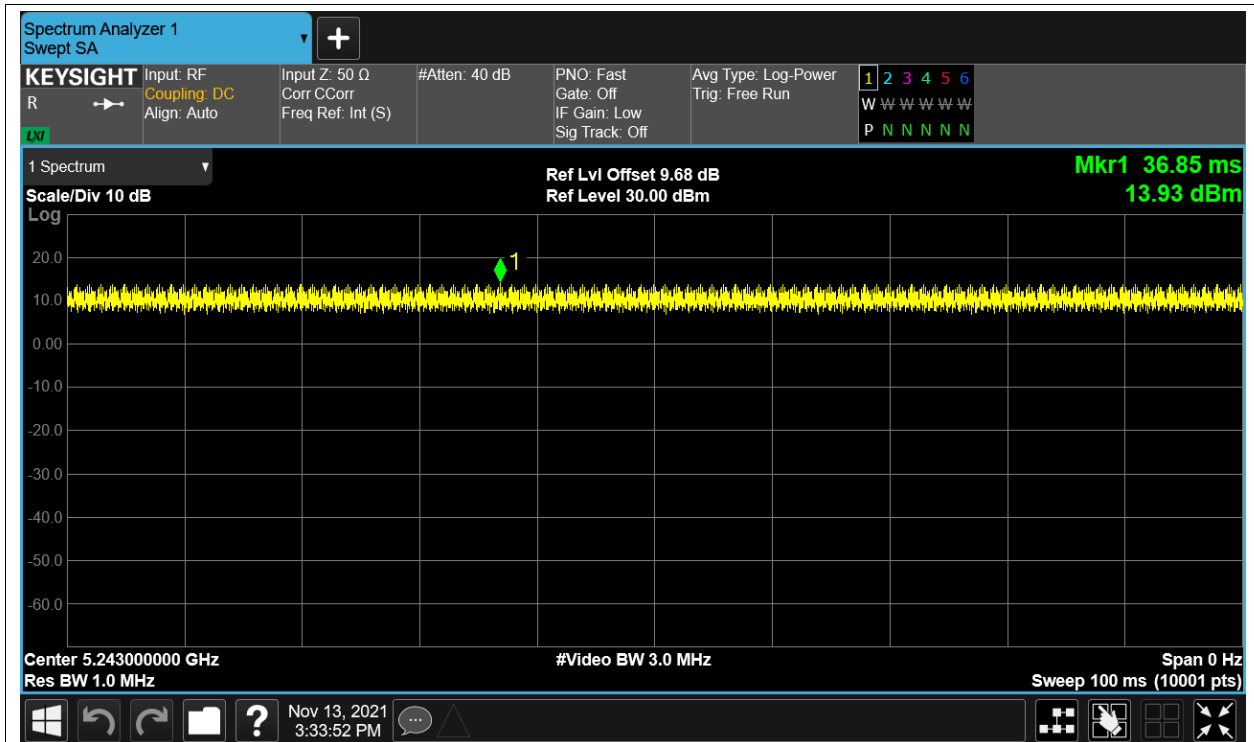
Duty Cycle NVNT 5.2G-10M-16QAM 5157MHz Sum



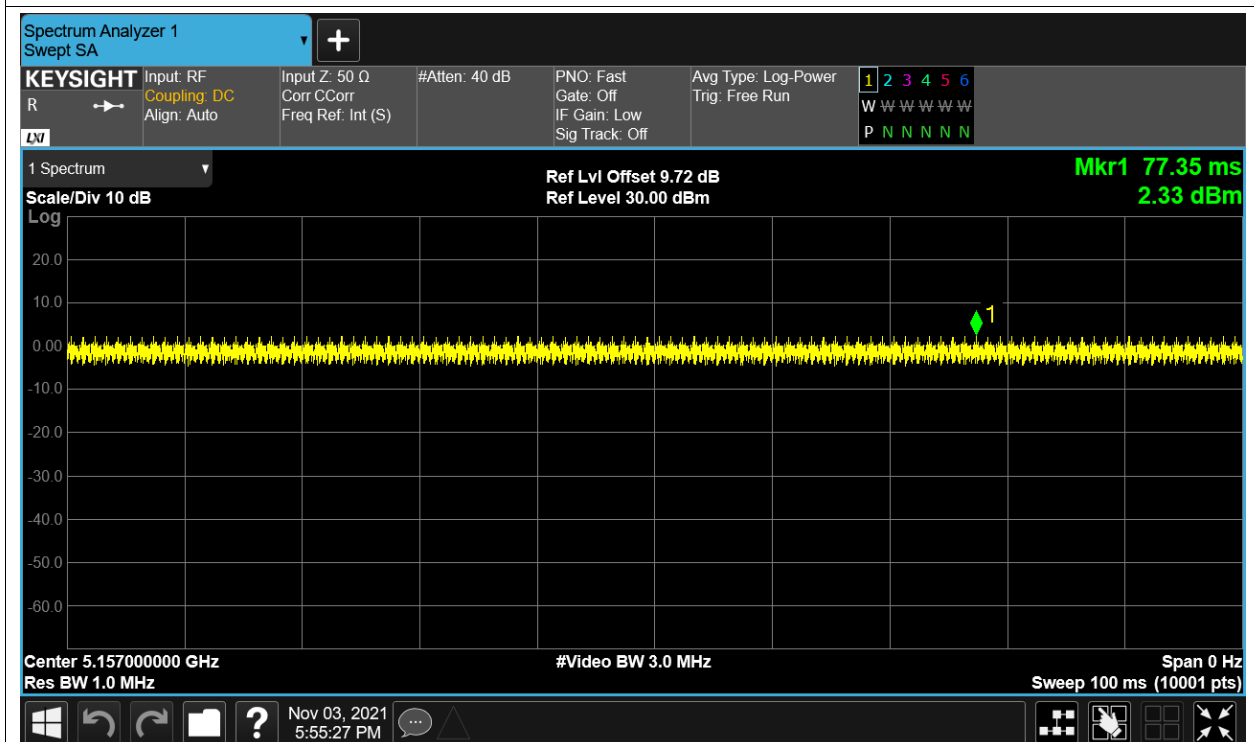
Duty Cycle NVNT 5.2G-10M-16QAM 5201MHz Sum



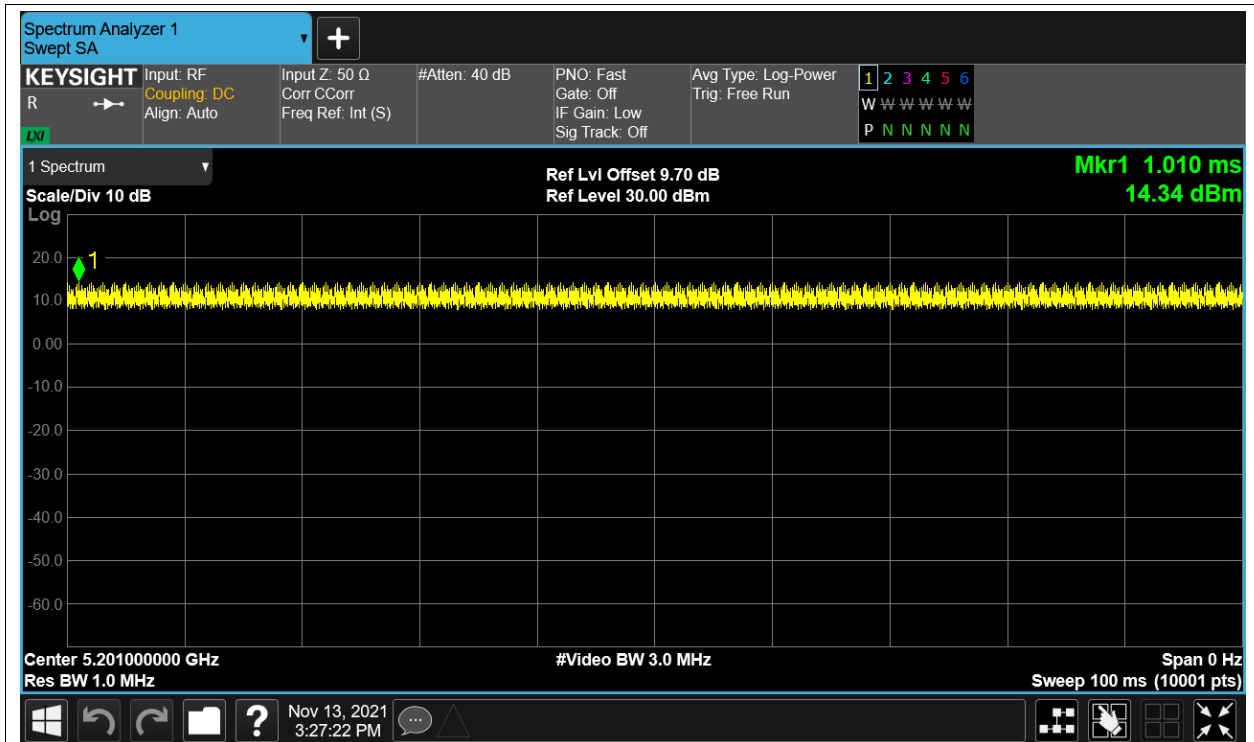
Duty Cycle NVNT 5.2G-10M-16QAM 5243MHz Sum



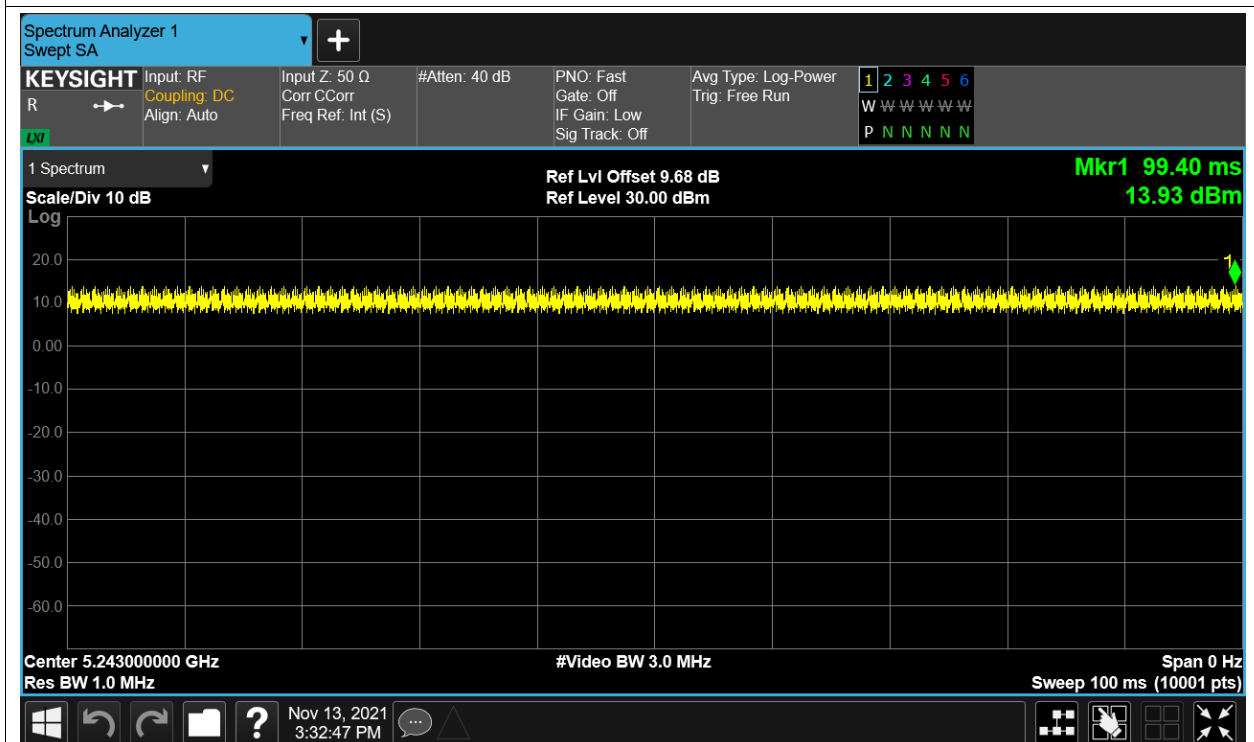
Duty Cycle NVNT 5.2G-10M-QPSK 5157MHz Sum



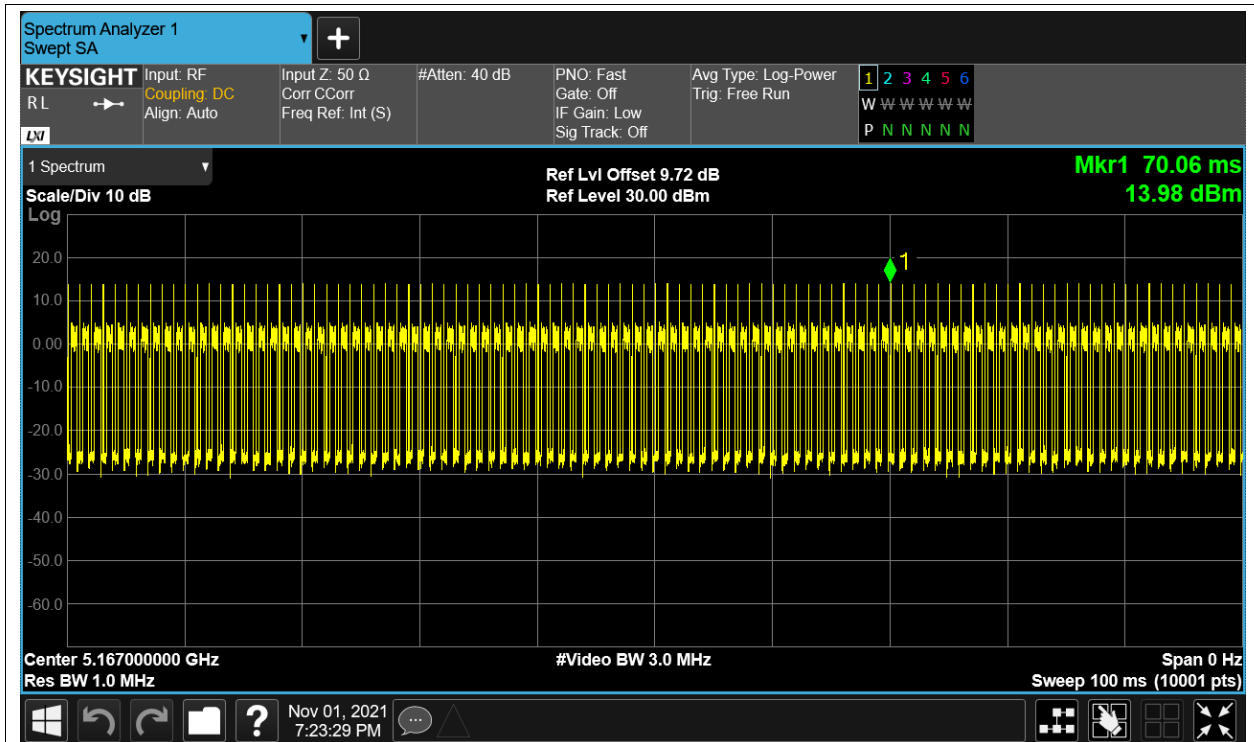
Duty Cycle NVNT 5.2G-10M-QPSK 5201MHz Sum



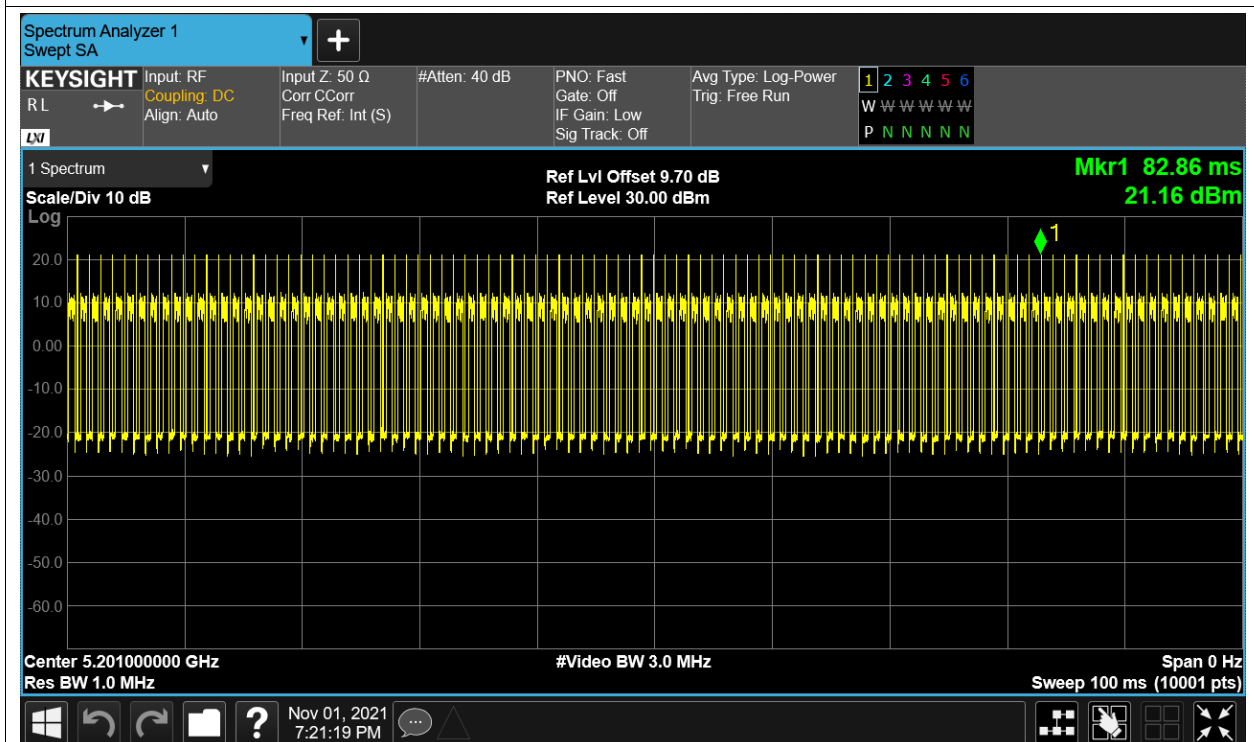
Duty Cycle NVNT 5.2G-10M-QPSK 5243MHz Sum



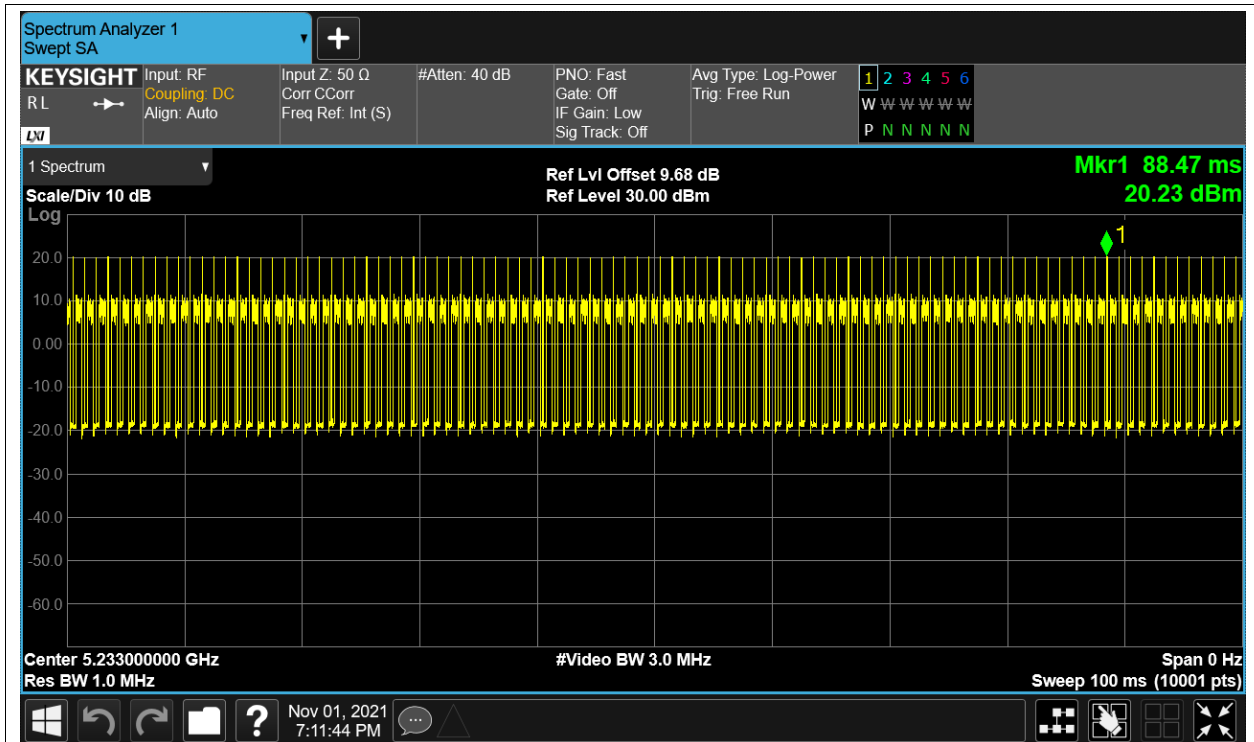
Duty Cycle NVNT 5.2G-20M-16QAM 5167MHz Sum



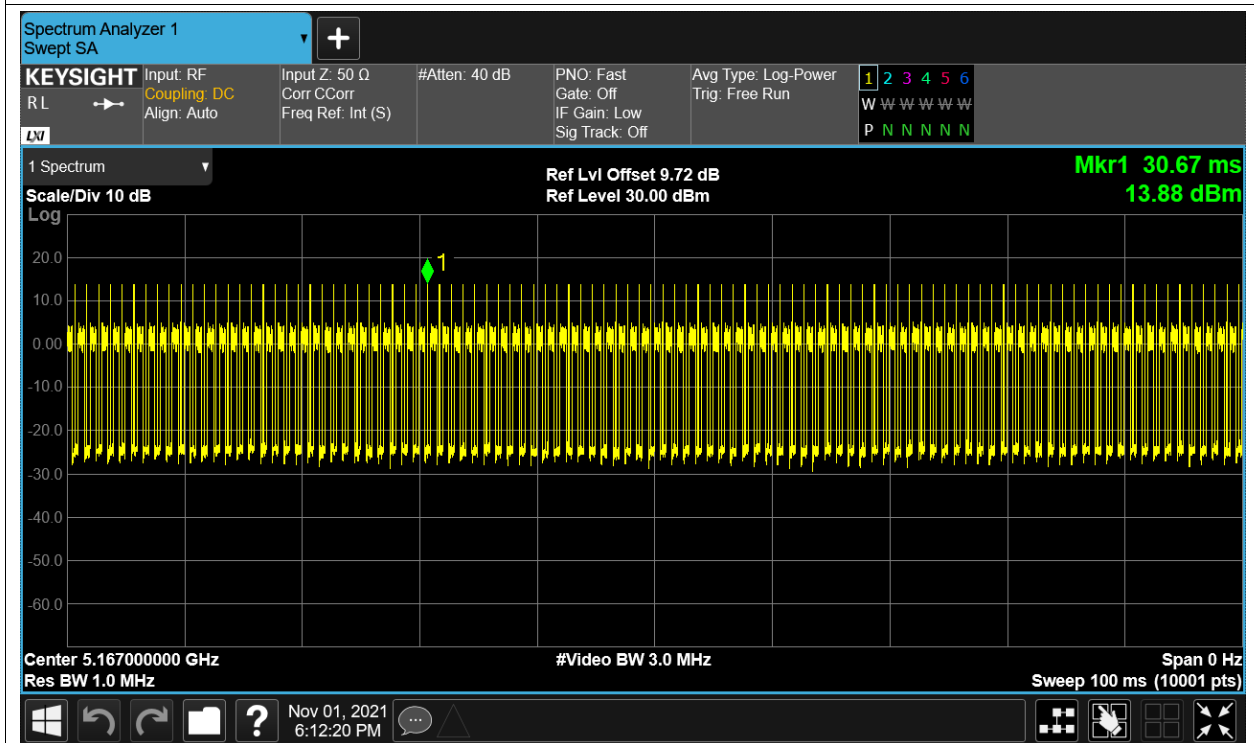
Duty Cycle NVNT 5.2G-20M-16QAM 5201MHz Sum



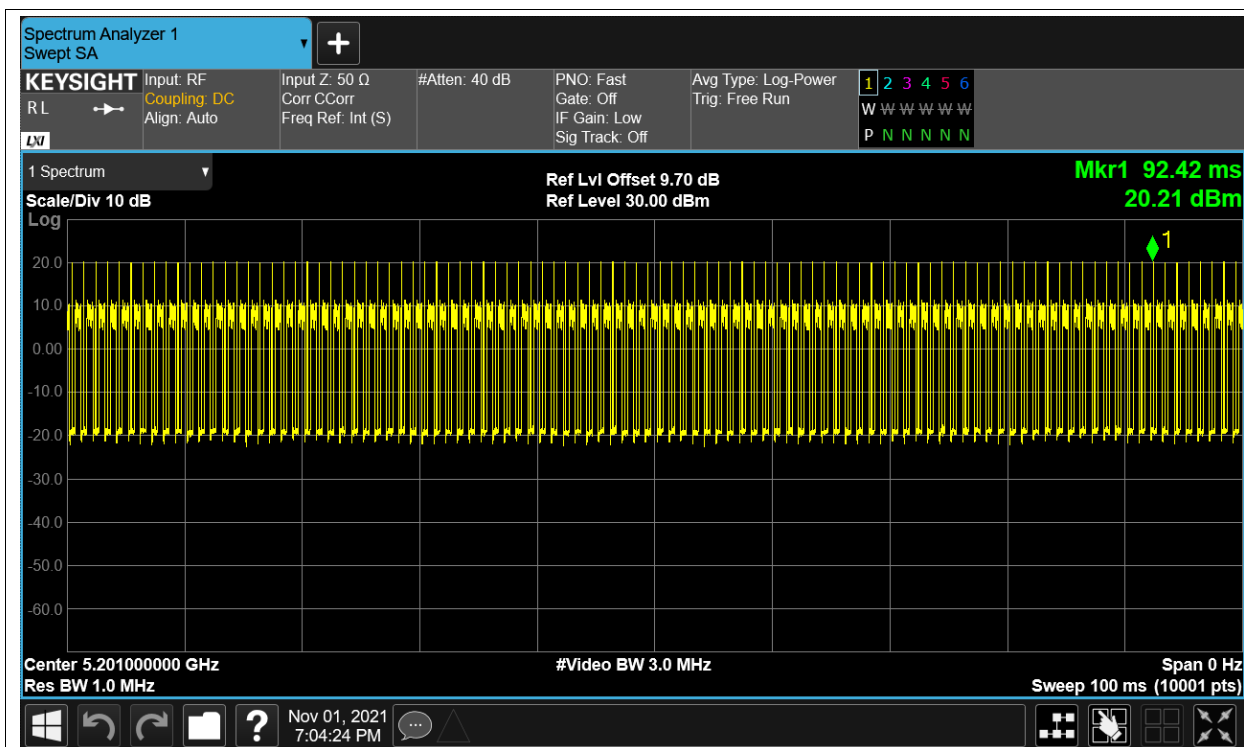
Duty Cycle NVNT 5.2G-20M-16QAM 5233MHz Sum



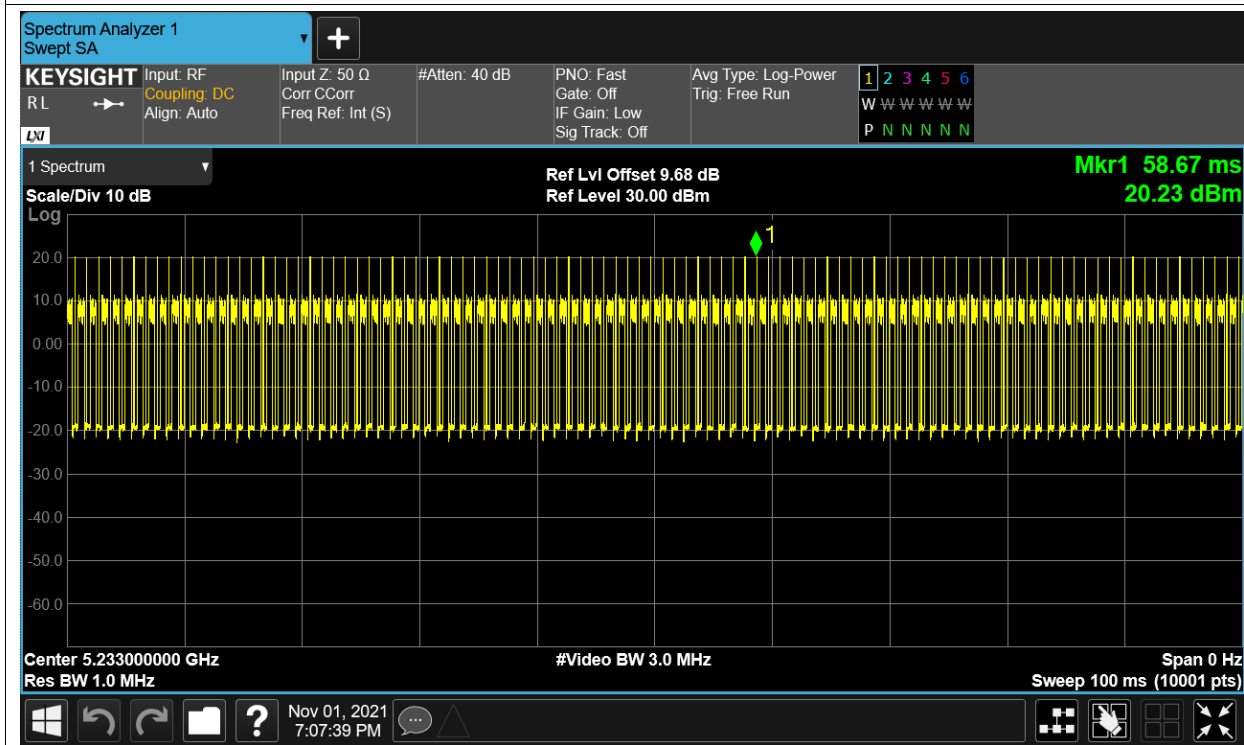
Duty Cycle NVNT 5.2G-20M-QPSK 5167MHz Sum



Duty Cycle NVNT 5.2G-20M-QPSK 5201MHz Sum



Duty Cycle NVNT 5.2G-20M-QPSK 5233MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	5.2G-1.4M-16QAM	5154	Ant1	7.87	0	7.87	24	Pass
NVNT	5.2G-1.4M-16QAM	5154	Ant2	6.47	0	6.47	24	Pass
NVNT	5.2G-1.4M-16QAM	5154	Sum	10.236	0	10.236	24	Pass
NVNT	5.2G-1.4M-16QAM	5201	Ant1	7.83	0	7.83	24	Pass
NVNT	5.2G-1.4M-16QAM	5201	Ant2	9.11	0	9.11	24	Pass
NVNT	5.2G-1.4M-16QAM	5201	Sum	11.527	0	11.527	24	Pass
NVNT	5.2G-1.4M-16QAM	5246	Ant1	7.39	0	7.39	24	Pass
NVNT	5.2G-1.4M-16QAM	5246	Ant2	9.22	0	9.22	24	Pass
NVNT	5.2G-1.4M-16QAM	5246	Sum	11.411	0	11.411	24	Pass
NVNT	5.2G-1.4M-QPSK	5154	Ant1	7.18	0	7.18	24	Pass
NVNT	5.2G-1.4M-QPSK	5154	Ant2	5.67	0	5.67	24	Pass
NVNT	5.2G-1.4M-QPSK	5154	Sum	9.501	0	9.501	24	Pass
NVNT	5.2G-1.4M-QPSK	5201	Ant1	7.96	0	7.96	24	Pass
NVNT	5.2G-1.4M-QPSK	5201	Ant2	9.22	0	9.22	24	Pass
NVNT	5.2G-1.4M-QPSK	5201	Sum	11.646	0	11.646	24	Pass
NVNT	5.2G-1.4M-QPSK	5246	Ant1	7.55	0	7.55	24	Pass
NVNT	5.2G-1.4M-QPSK	5246	Ant2	9.33	0	9.33	24	Pass
NVNT	5.2G-1.4M-QPSK	5246	Sum	11.541	0	11.541	24	Pass
NVNT	5.2G-10M-16QAM	5157	Ant1	3.42	0	3.42	24	Pass
NVNT	5.2G-10M-16QAM	5157	Ant2	5.52	0	5.52	24	Pass
NVNT	5.2G-10M-16QAM	5157	Sum	7.606	0	7.606	24	Pass
NVNT	5.2G-10M-16QAM	5201	Ant1	15.13	0	15.13	24	Pass
NVNT	5.2G-10M-16QAM	5201	Ant2	16.25	0	16.25	24	Pass
NVNT	5.2G-10M-16QAM	5201	Sum	18.736	0	18.736	24	Pass
NVNT	5.2G-10M-16QAM	5243	Ant1	15.4	0	15.4	24	Pass
NVNT	5.2G-10M-16QAM	5243	Ant2	17.06	0	17.06	24	Pass
NVNT	5.2G-10M-16QAM	5243	Sum	19.319	0	19.319	24	Pass
NVNT	5.2G-10M-QPSK	5157	Ant1	3.24	0	3.24	24	Pass
NVNT	5.2G-10M-QPSK	5157	Ant2	5.35	0	5.35	24	Pass
NVNT	5.2G-10M-QPSK	5157	Sum	7.432	0	7.432	24	Pass
NVNT	5.2G-10M-QPSK	5201	Ant1	15.16	0	15.16	24	Pass
NVNT	5.2G-10M-QPSK	5201	Ant2	16.26	0	16.26	24	Pass
NVNT	5.2G-10M-QPSK	5201	Sum	18.755	0	18.755	24	Pass
NVNT	5.2G-10M-QPSK	5243	Ant1	15.47	0	15.47	24	Pass
NVNT	5.2G-10M-QPSK	5243	Ant2	17.15	0	17.15	24	Pass
NVNT	5.2G-10M-QPSK	5243	Sum	19.401	0	19.401	24	Pass
NVNT	5.2G-20M-16QAM	5167	Ant1	13.87	0	13.87	24	Pass
NVNT	5.2G-20M-16QAM	5167	Ant2	12.5	0	12.5	24	Pass

NVNT	5.2G-20M-16QAM	5167	Sum	16.249	0	16.249	24	Pass
NVNT	5.2G-20M-16QAM	5201	Ant1	20.72	0	20.72	24	Pass
NVNT	5.2G-20M-16QAM	5201	Ant2	19.21	0	19.21	24	Pass
NVNT	5.2G-20M-16QAM	5201	Sum	23.041	0	23.041	24	Pass
NVNT	5.2G-20M-16QAM	5233	Ant1	21.11	0	21.11	24	Pass
NVNT	5.2G-20M-16QAM	5233	Ant2	19.27	0	19.27	24	Pass
NVNT	5.2G-20M-16QAM	5233	Sum	23.297	0	23.297	24	Pass
NVNT	5.2G-20M-QPSK	5167	Ant1	13.9	0	13.9	24	Pass
NVNT	5.2G-20M-QPSK	5167	Ant2	12.49	0	12.49	24	Pass
NVNT	5.2G-20M-QPSK	5167	Sum	16.262	0	16.262	24	Pass
NVNT	5.2G-20M-QPSK	5201	Ant1	20.07	0	20.07	24	Pass
NVNT	5.2G-20M-QPSK	5201	Ant2	18.45	0	18.45	24	Pass
NVNT	5.2G-20M-QPSK	5201	Sum	22.345	0	22.345	24	Pass
NVNT	5.2G-20M-QPSK	5233	Ant1	19.9	0	19.9	24	Pass
NVNT	5.2G-20M-QPSK	5233	Ant2	18.08	0	18.08	24	Pass
NVNT	5.2G-20M-QPSK	5233	Sum	22.095	0	22.095	24	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	5.2G-1.4M-16QAM	5154	Ant1	1.118669884
NVNT	5.2G-1.4M-16QAM	5154	Ant2	1.119050388
NVNT	5.2G-1.4M-16QAM	5201	Ant1	1.118782027
NVNT	5.2G-1.4M-16QAM	5201	Ant2	1.119362399
NVNT	5.2G-1.4M-16QAM	5246	Ant1	1.118660714
NVNT	5.2G-1.4M-16QAM	5246	Ant2	1.119435559
NVNT	5.2G-1.4M-QPSK	5154	Ant1	1.119194211
NVNT	5.2G-1.4M-QPSK	5154	Ant2	1.11843604
NVNT	5.2G-1.4M-QPSK	5201	Ant1	1.118454744
NVNT	5.2G-1.4M-QPSK	5201	Ant2	1.118354922
NVNT	5.2G-1.4M-QPSK	5246	Ant1	1.119121313
NVNT	5.2G-1.4M-QPSK	5246	Ant2	1.119154986
NVNT	5.2G-10M-16QAM	5157	Ant1	8.927426518
NVNT	5.2G-10M-16QAM	5157	Ant2	8.929901459
NVNT	5.2G-10M-16QAM	5201	Ant1	8.940238029
NVNT	5.2G-10M-16QAM	5201	Ant2	8.922898719
NVNT	5.2G-10M-16QAM	5243	Ant1	8.923943554
NVNT	5.2G-10M-16QAM	5243	Ant2	8.926407564
NVNT	5.2G-10M-QPSK	5157	Ant1	8.933795196
NVNT	5.2G-10M-QPSK	5157	Ant2	8.931593275
NVNT	5.2G-10M-QPSK	5201	Ant1	8.919320586
NVNT	5.2G-10M-QPSK	5201	Ant2	8.939517194
NVNT	5.2G-10M-QPSK	5243	Ant1	8.923030312
NVNT	5.2G-10M-QPSK	5243	Ant2	8.94084171
NVNT	5.2G-20M-16QAM	5167	Ant1	17.87869514
NVNT	5.2G-20M-16QAM	5167	Ant2	17.89188471
NVNT	5.2G-20M-16QAM	5201	Ant1	17.8310996
NVNT	5.2G-20M-16QAM	5201	Ant2	17.84895602
NVNT	5.2G-20M-16QAM	5233	Ant1	17.8970941
NVNT	5.2G-20M-16QAM	5233	Ant2	17.9051773
NVNT	5.2G-20M-QPSK	5167	Ant1	17.89509014
NVNT	5.2G-20M-QPSK	5167	Ant2	17.8845435
NVNT	5.2G-20M-QPSK	5201	Ant1	17.87785505
NVNT	5.2G-20M-QPSK	5201	Ant2	17.83179171
NVNT	5.2G-20M-QPSK	5233	Ant1	17.84449503
NVNT	5.2G-20M-QPSK	5233	Ant2	17.83280959

