

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	5154.0028	0.54	within the band	Pass
HVLT	5.2G-1.4M-16QAM	5154	Sum	5154.0028	0.54		Pass
LVHT	5.2G-1.4M-16QAM	5154	Sum	5154.0028	0.54		Pass
LVLT	5.2G-1.4M-16QAM	5154	Sum	5154	0		Pass
NVNT	5.2G-1.4M-16QAM	5154	Sum	5154.0028	0.54		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	5154.0028	0.54		Pass
NVNT	5.2G-1.4M-QPSK	5154	Sum	5154	0		Pass
HVHT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
HVLT	5.2G-10M-16QAM	5157	Sum	5157.01	1.94		Pass
LVHT	5.2G-10M-16QAM	5157	Sum	5157	0		Pass
LVLT	5.2G-10M-16QAM	5157	Sum	5157.01	1.94		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	5157.01	1.94		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

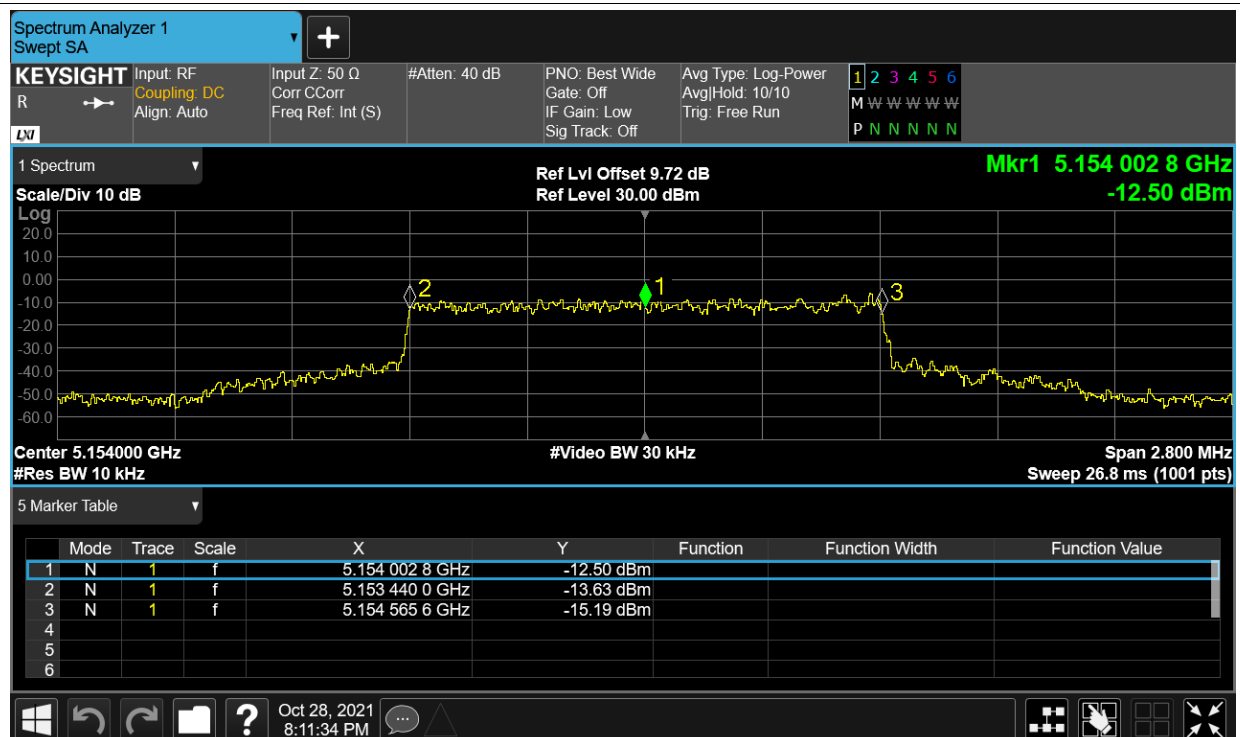
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

Test Graphs

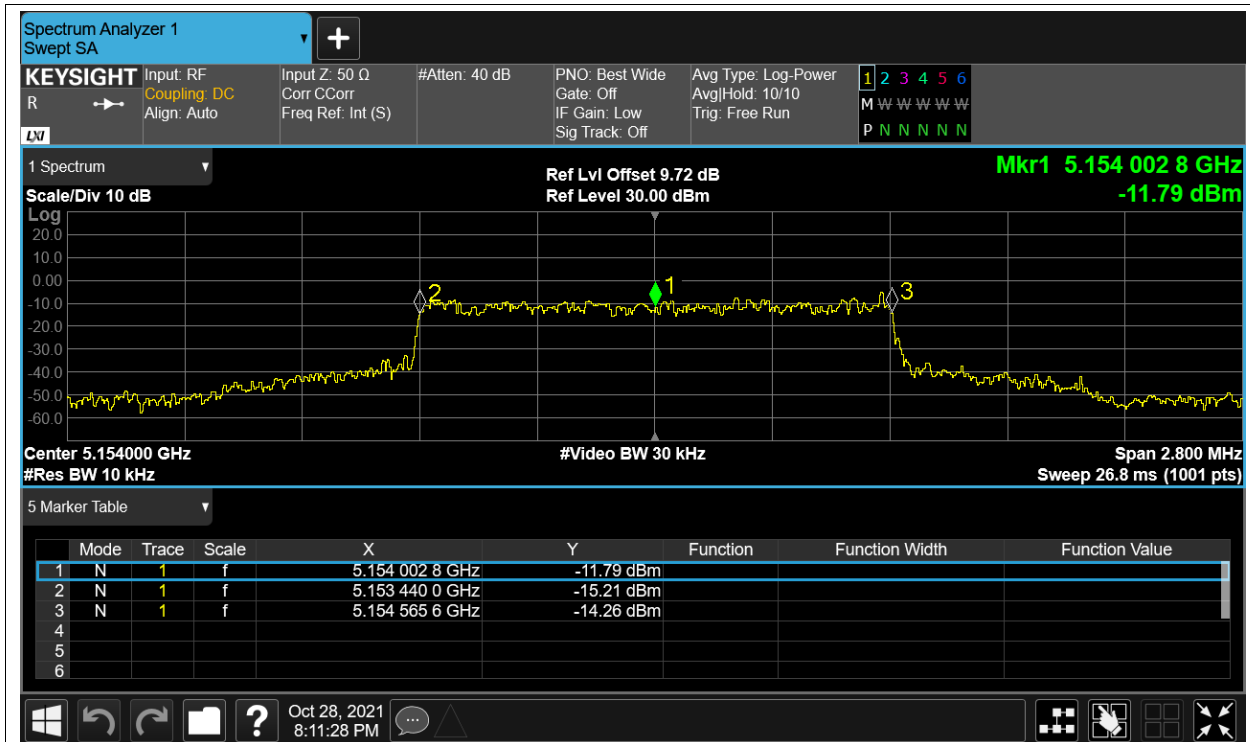
Freq. Stability HVHT 5.2G-1.4M-16QAM 5154MHz Sum



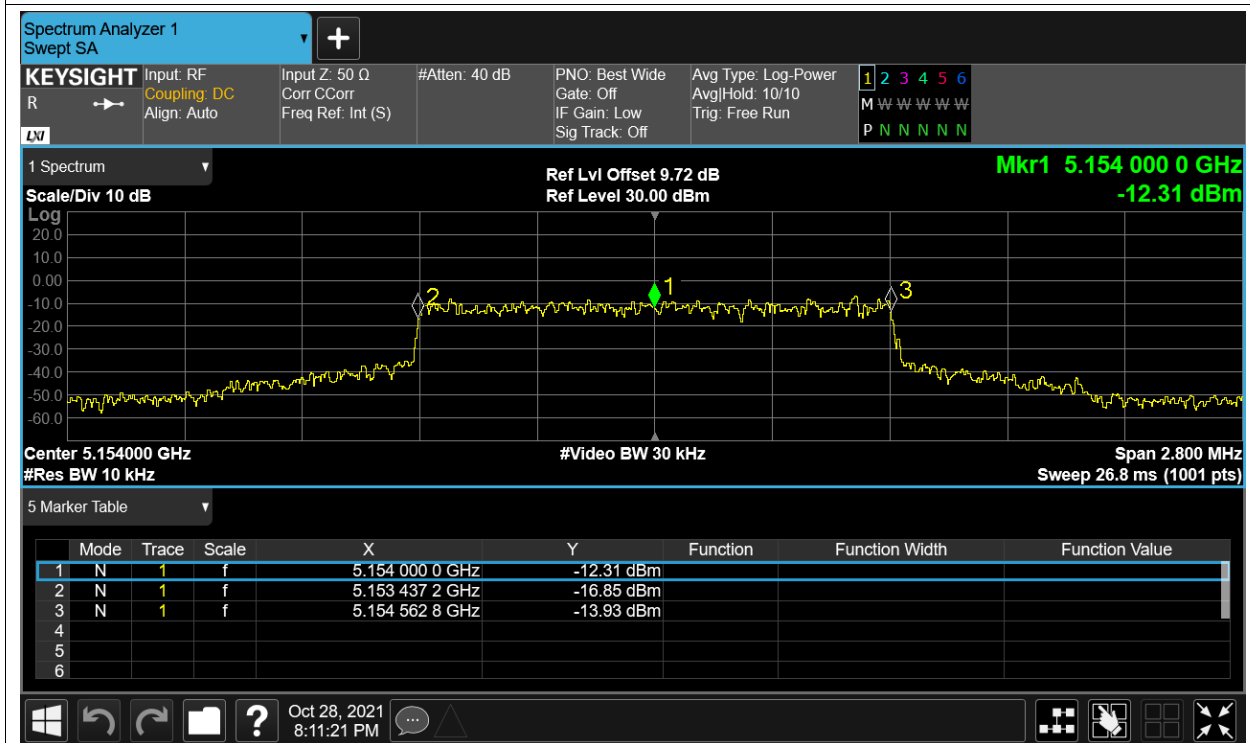
Freq. Stability HVLT 5.2G-1.4M-16QAM 5154MHz Sum



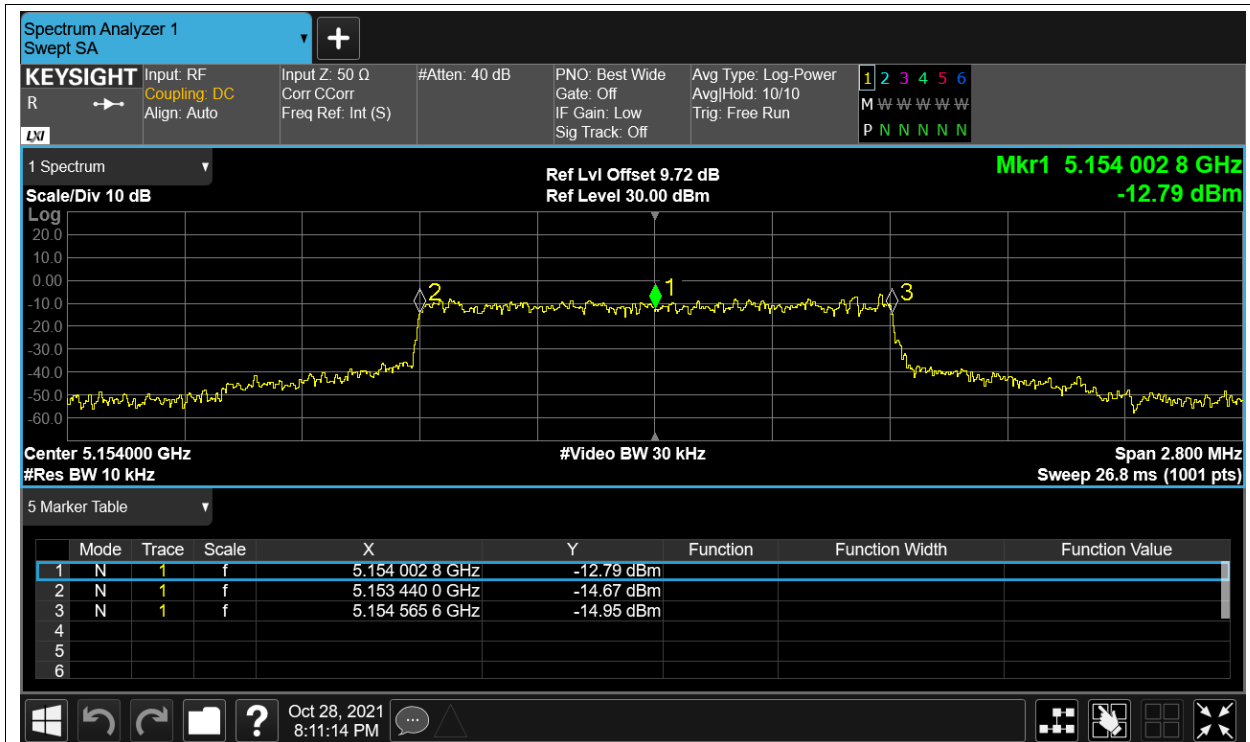
Freq. Stability LVHT 5.2G-1.4M-16QAM 5154MHz Sum



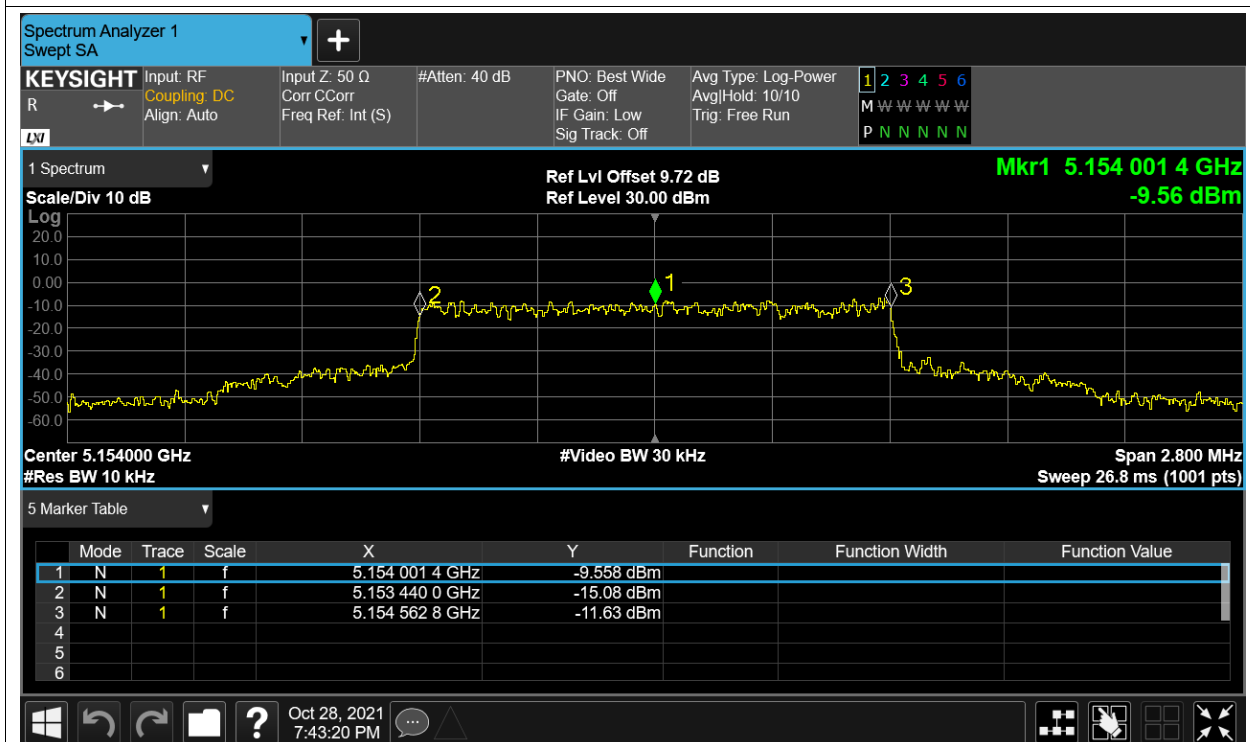
Freq. Stability LVL1 5.2G-1.4M-16QAM 5154MHz Sum



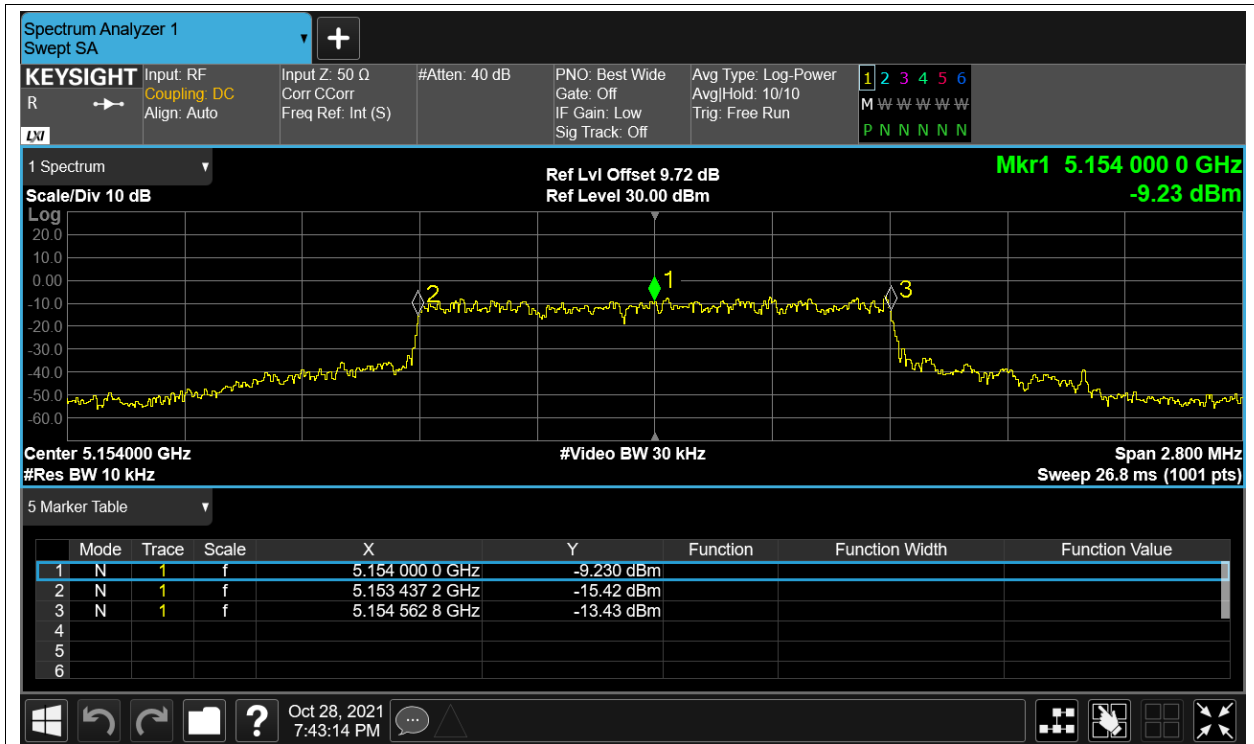
Freq. Stability NVNT 5.2G-1.4M-16QAM 5154MHz Sum



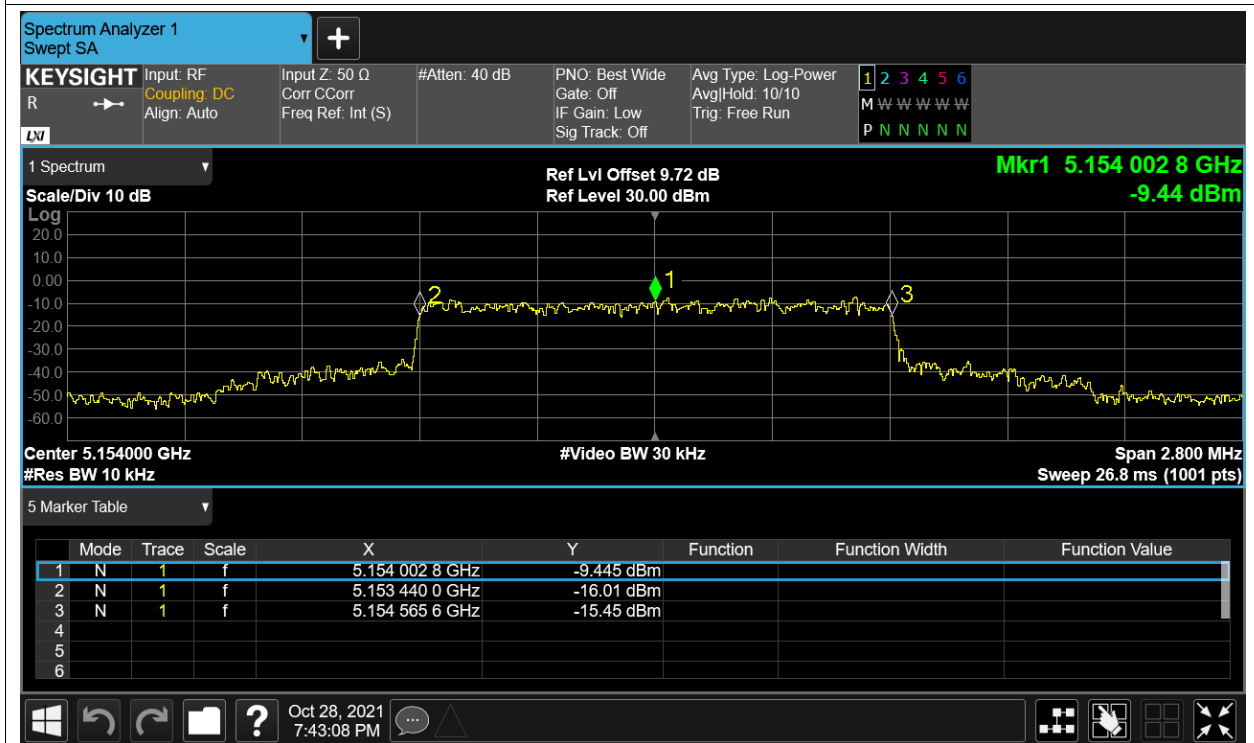
Freq. Stability HVHT 5.2G-1.4M-QPSK 5154MHz Sum



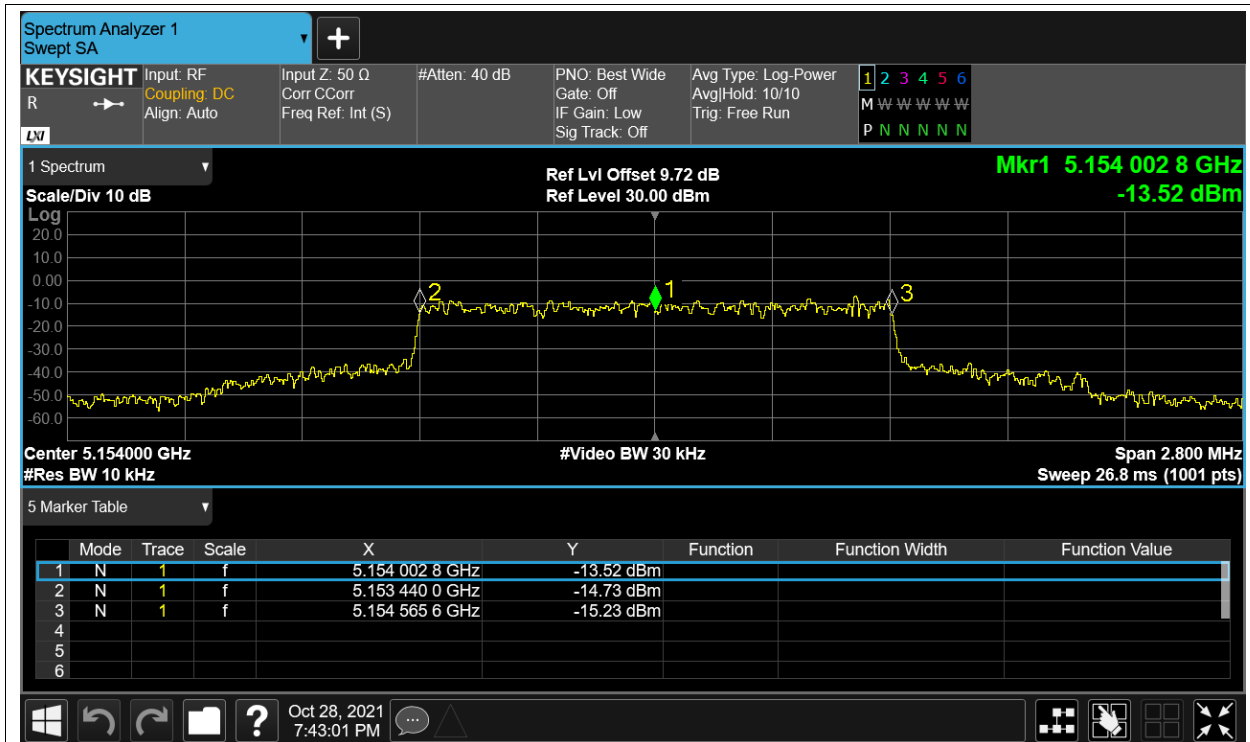
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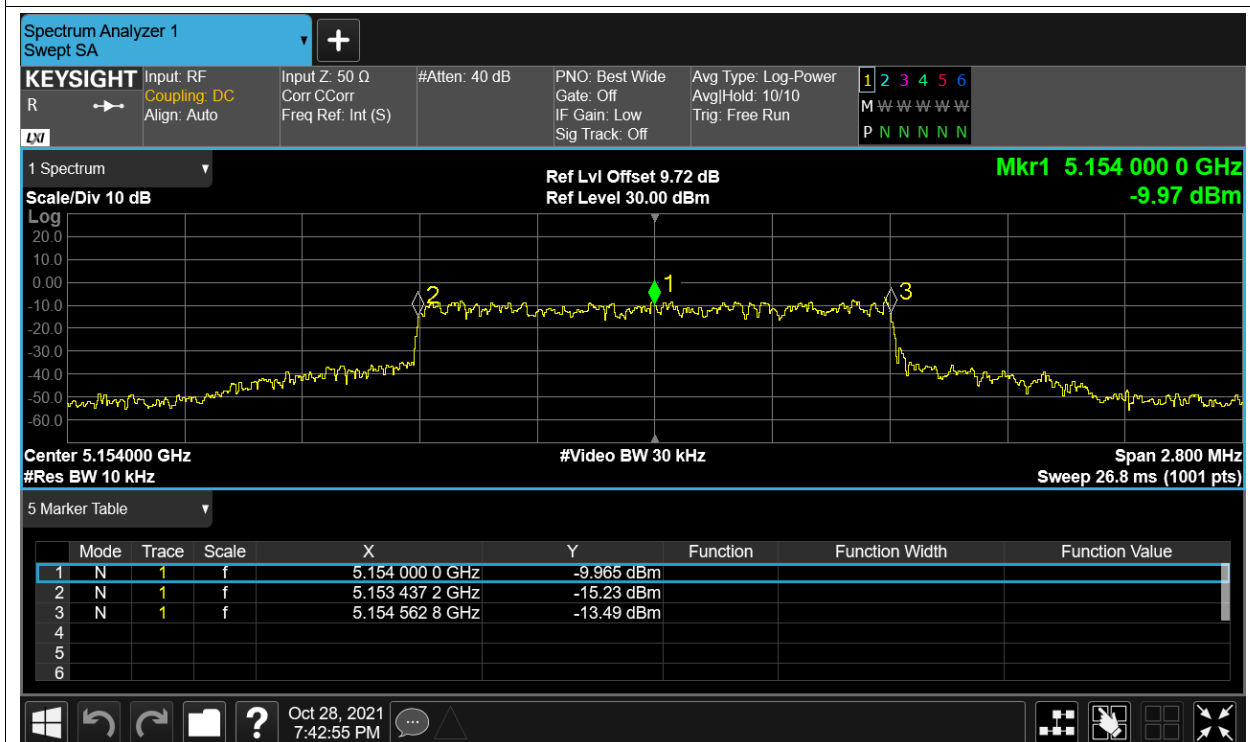
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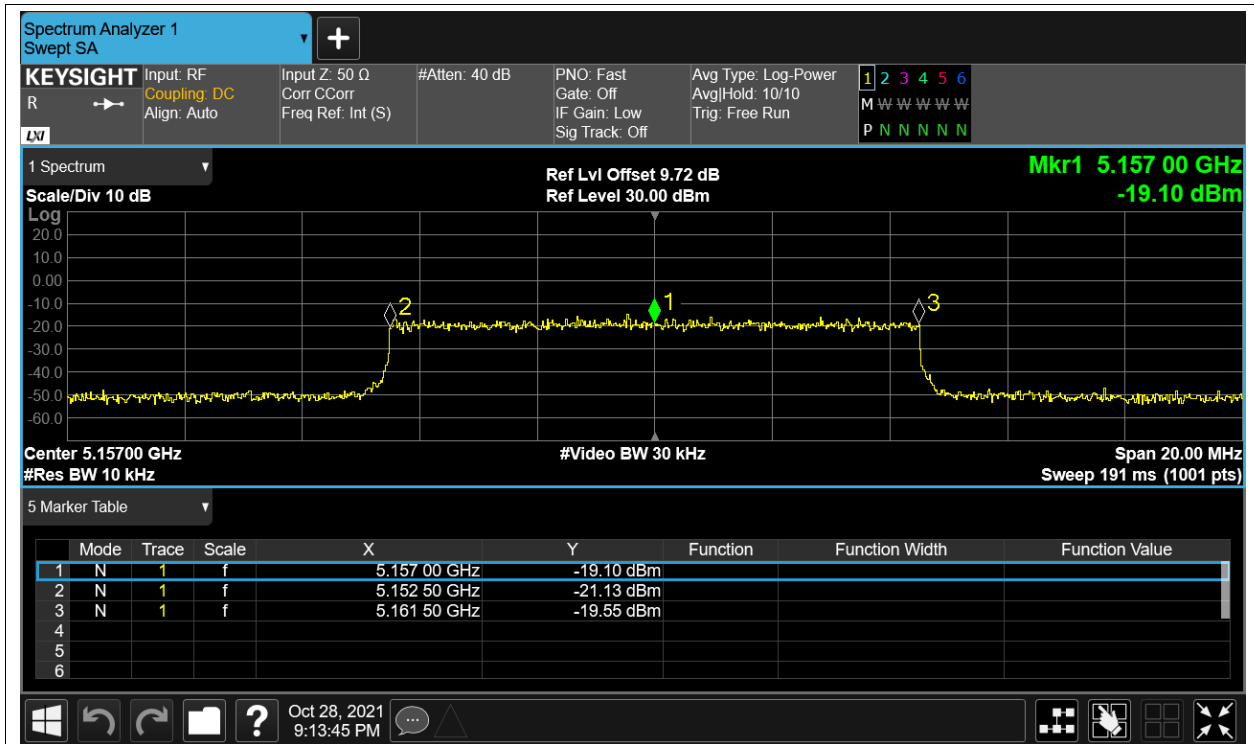
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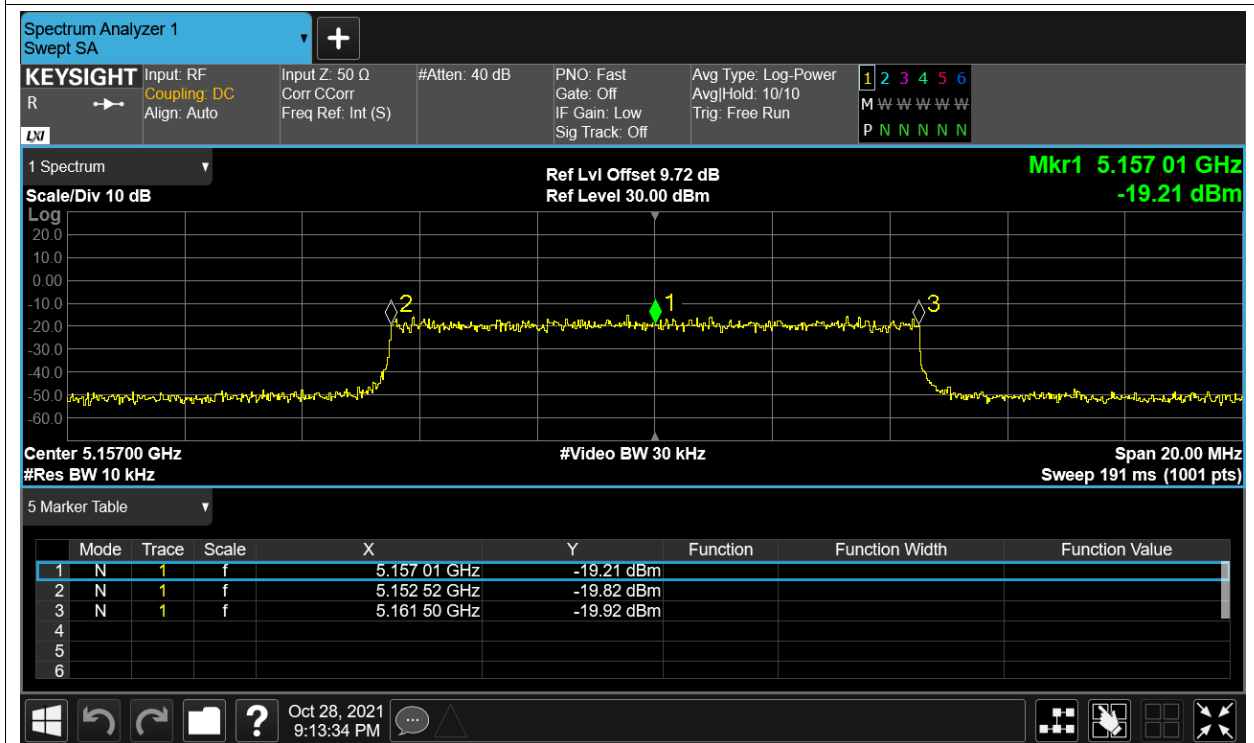
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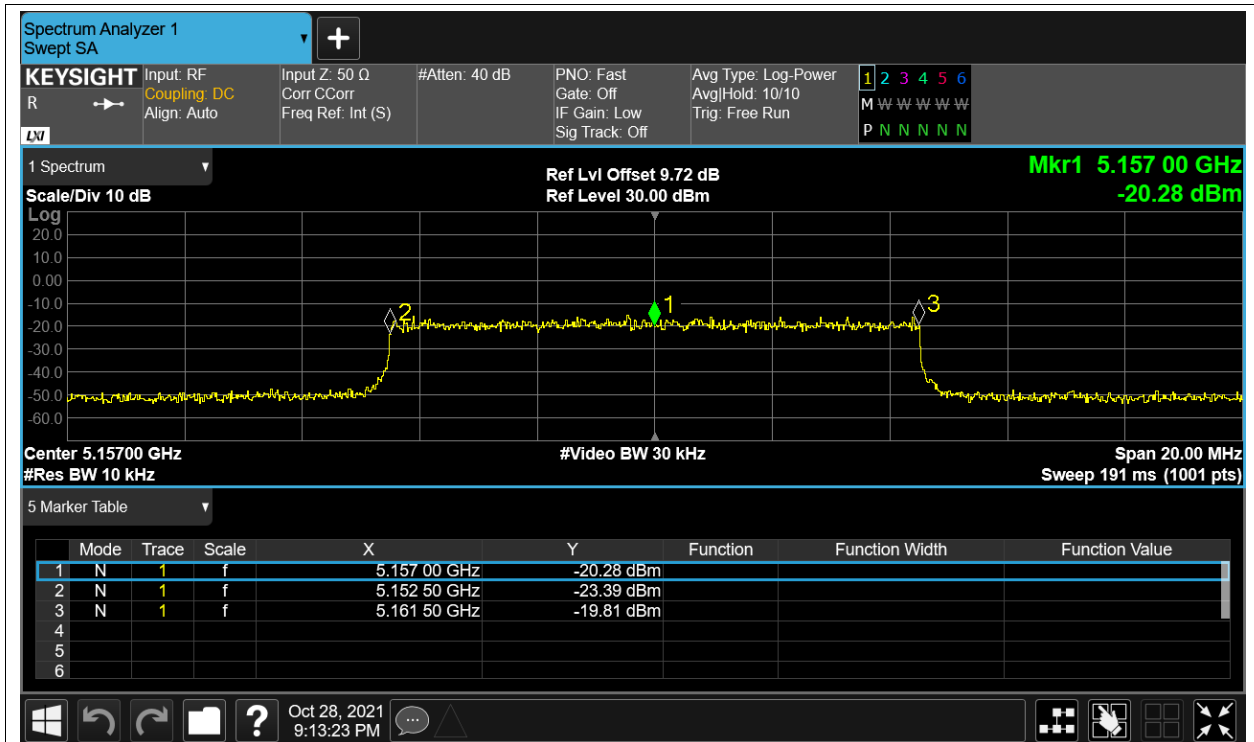
Freq. Stability HVHT 5.2G-10M-16QAM 5157MHz Sum



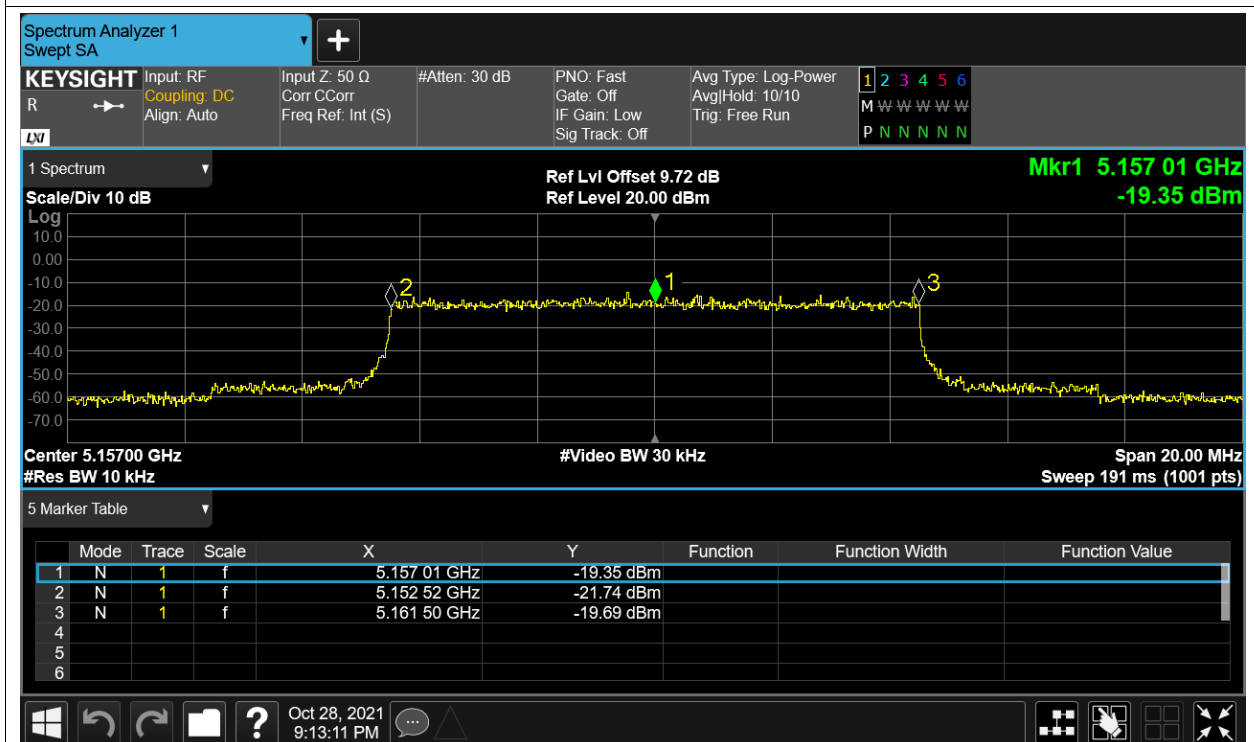
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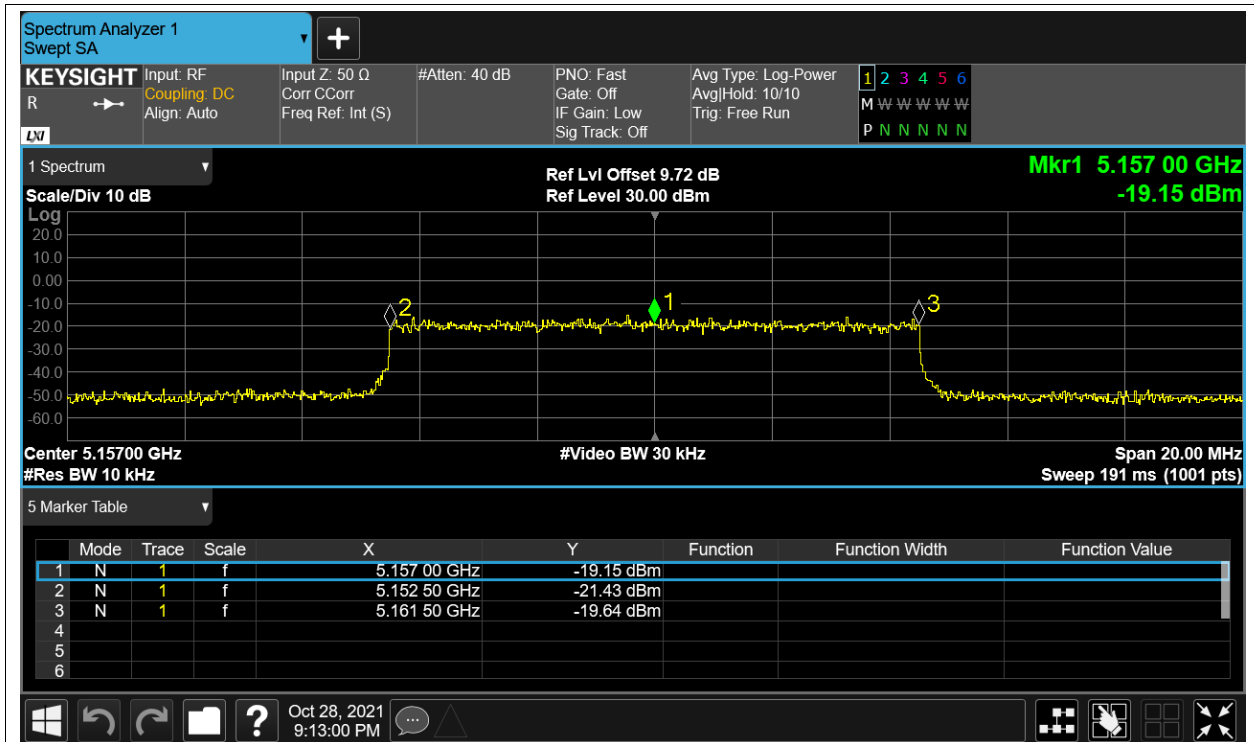
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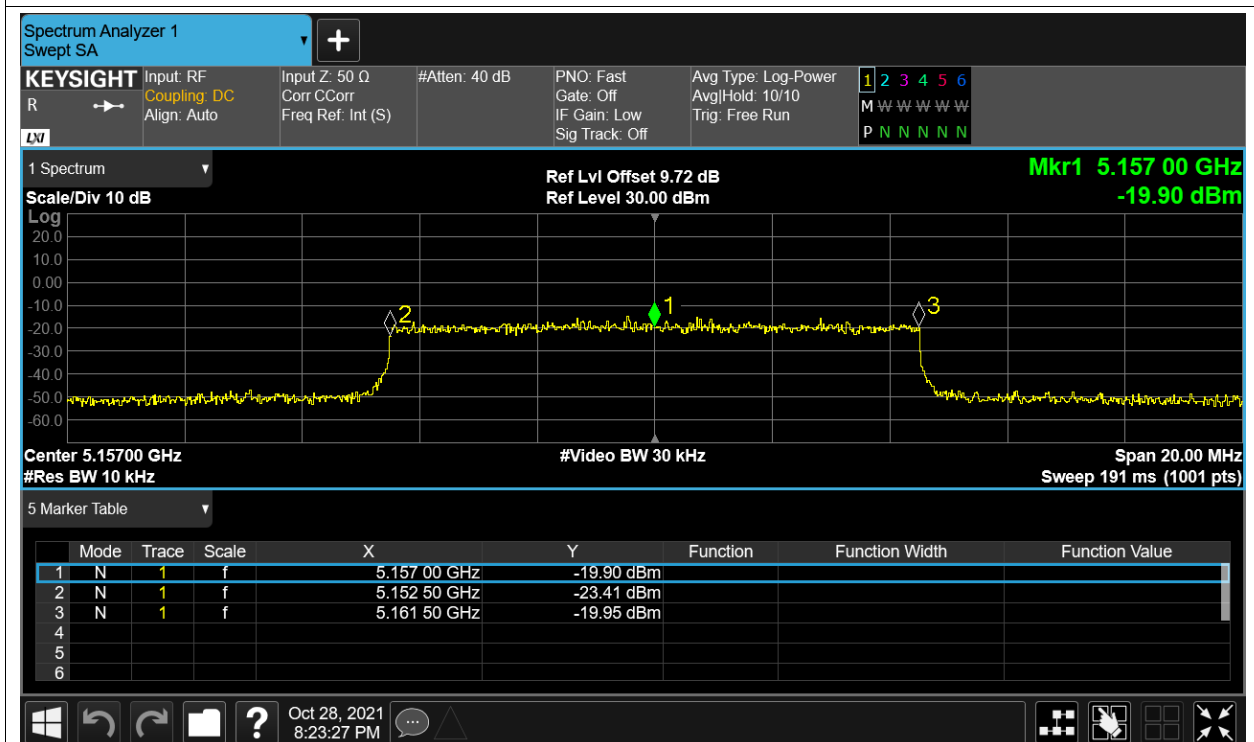
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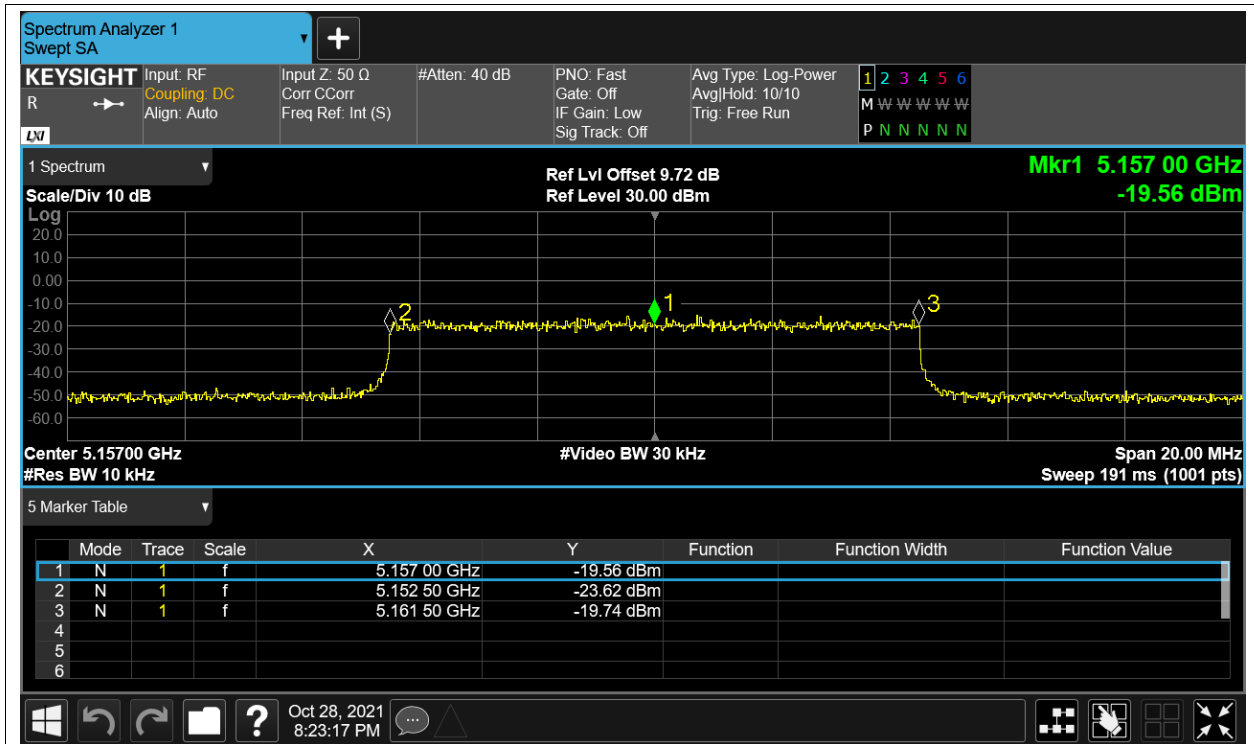
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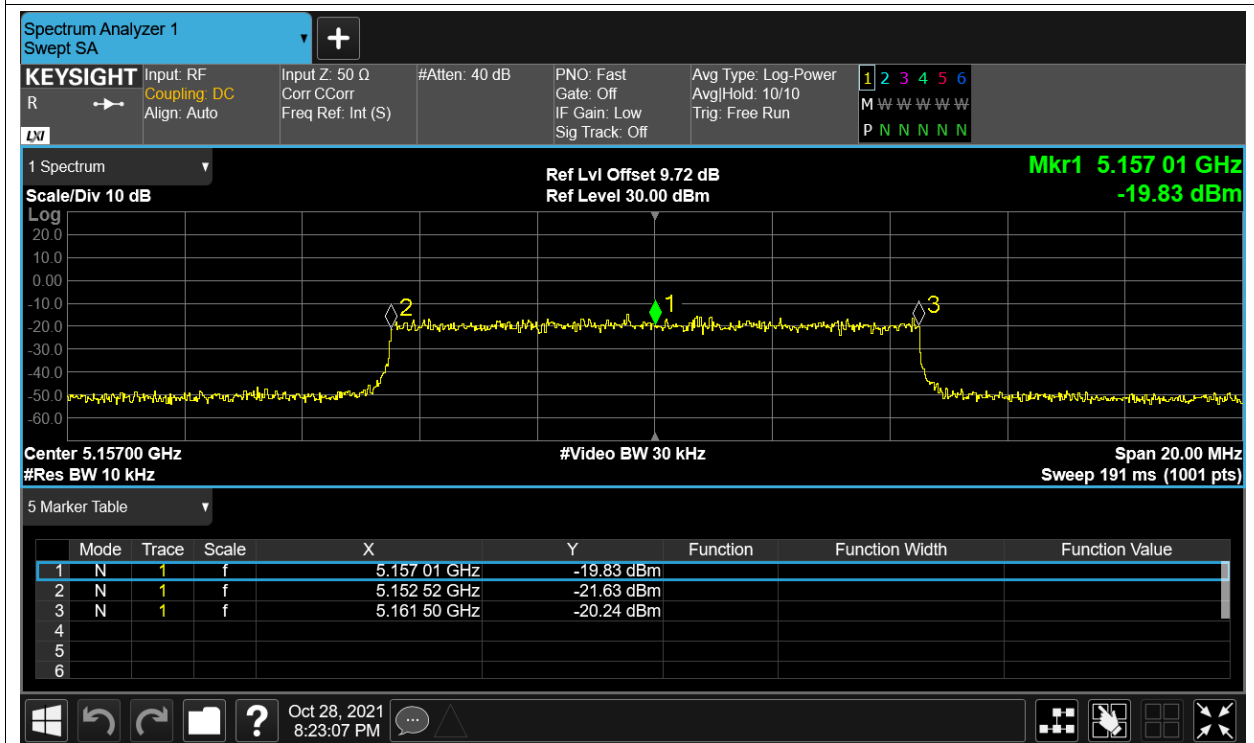
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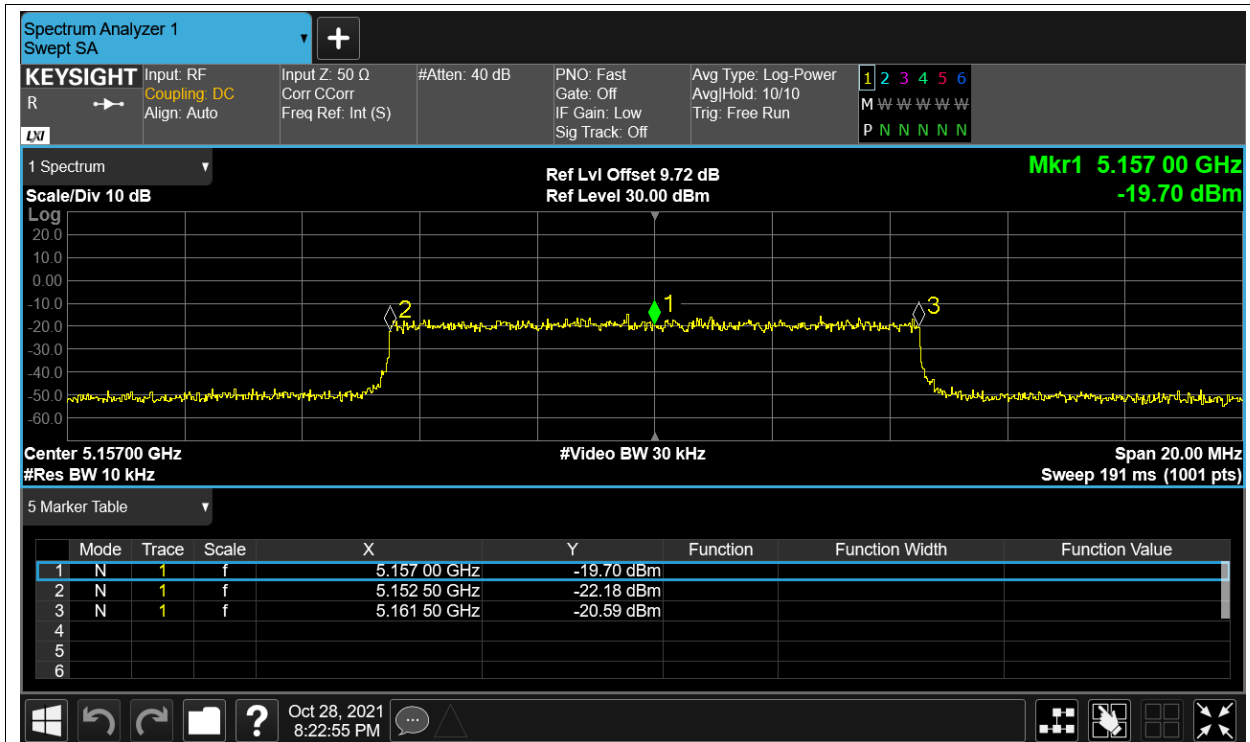
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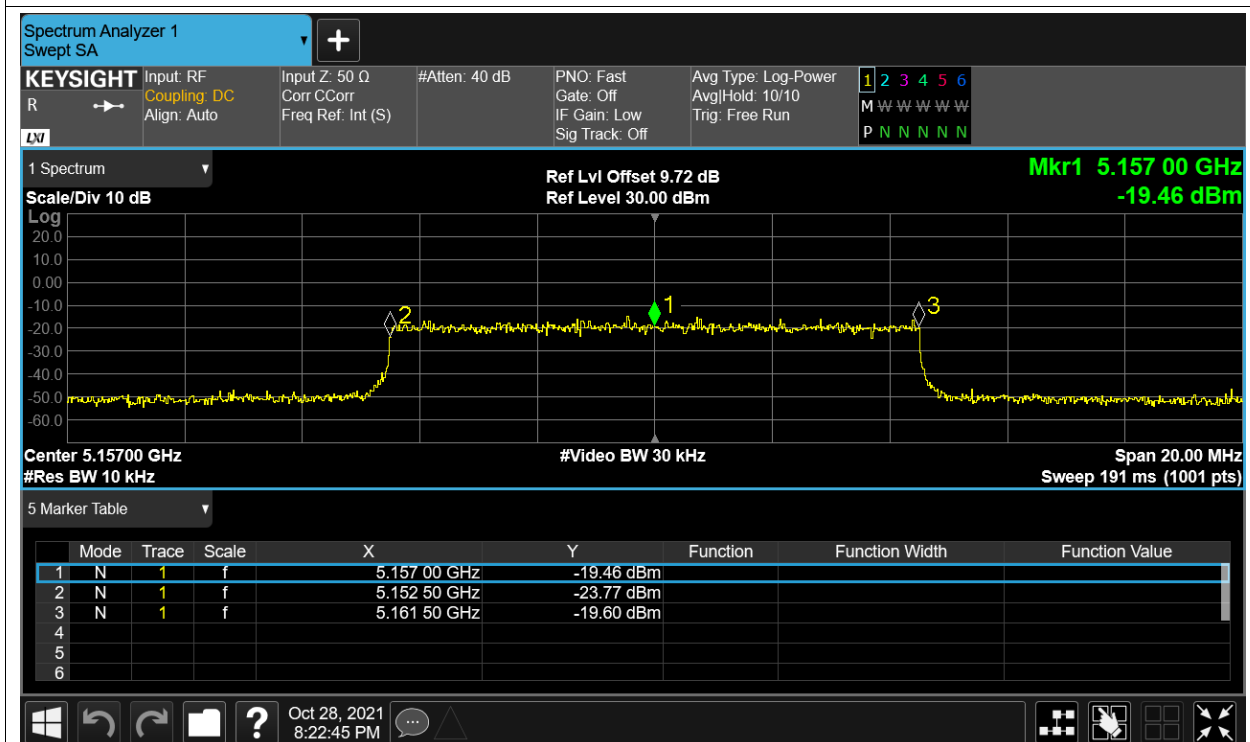
Freq. Stability LVHT 5.2G-10M-QPSK 5157MHz Sum



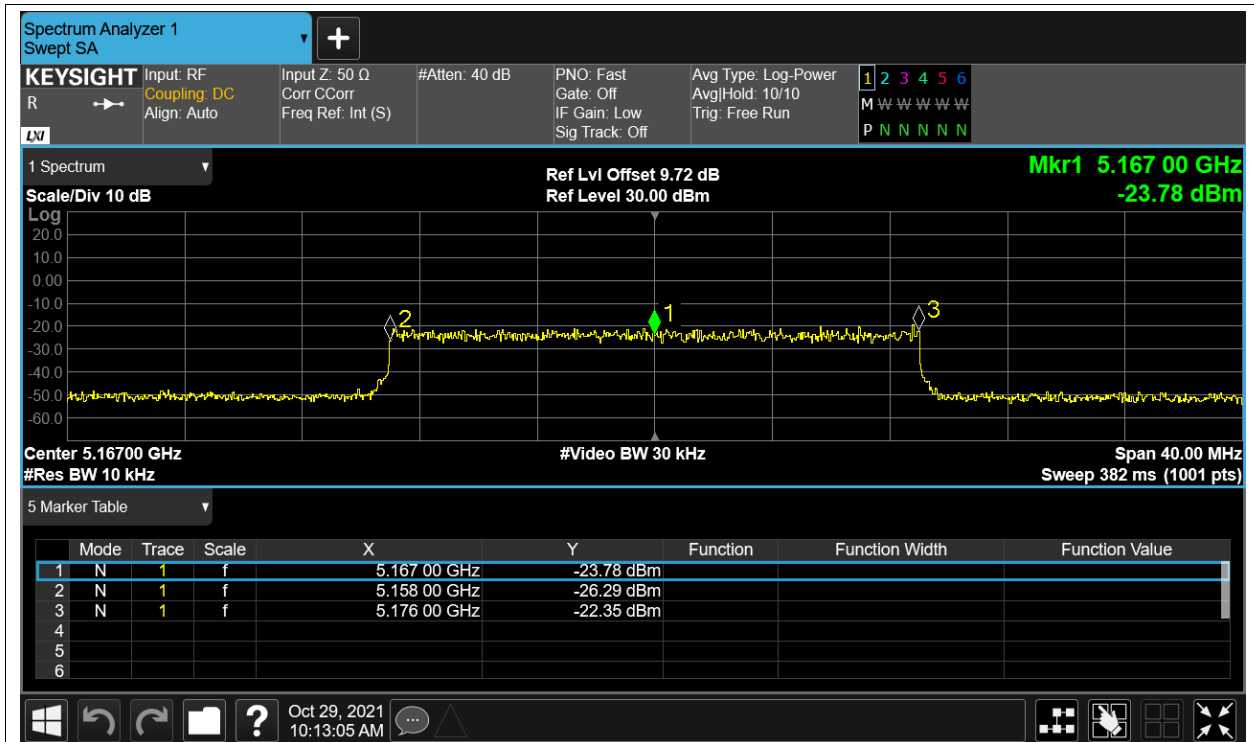
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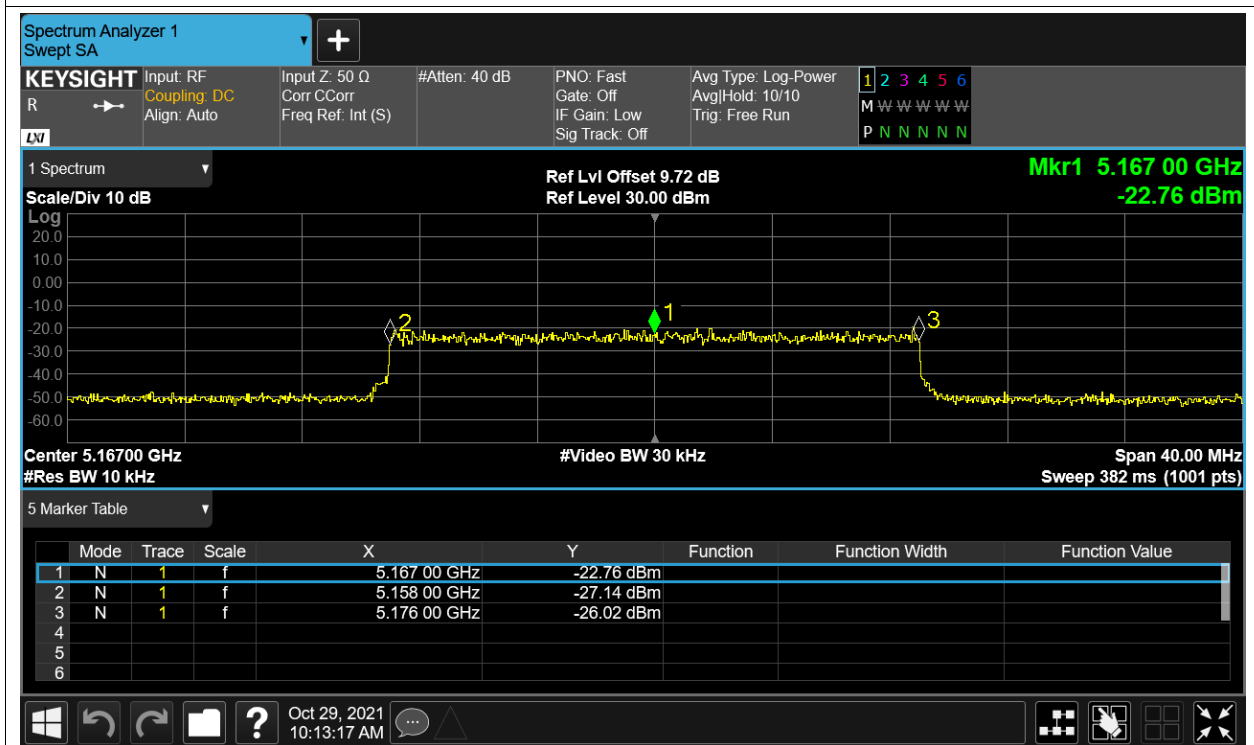
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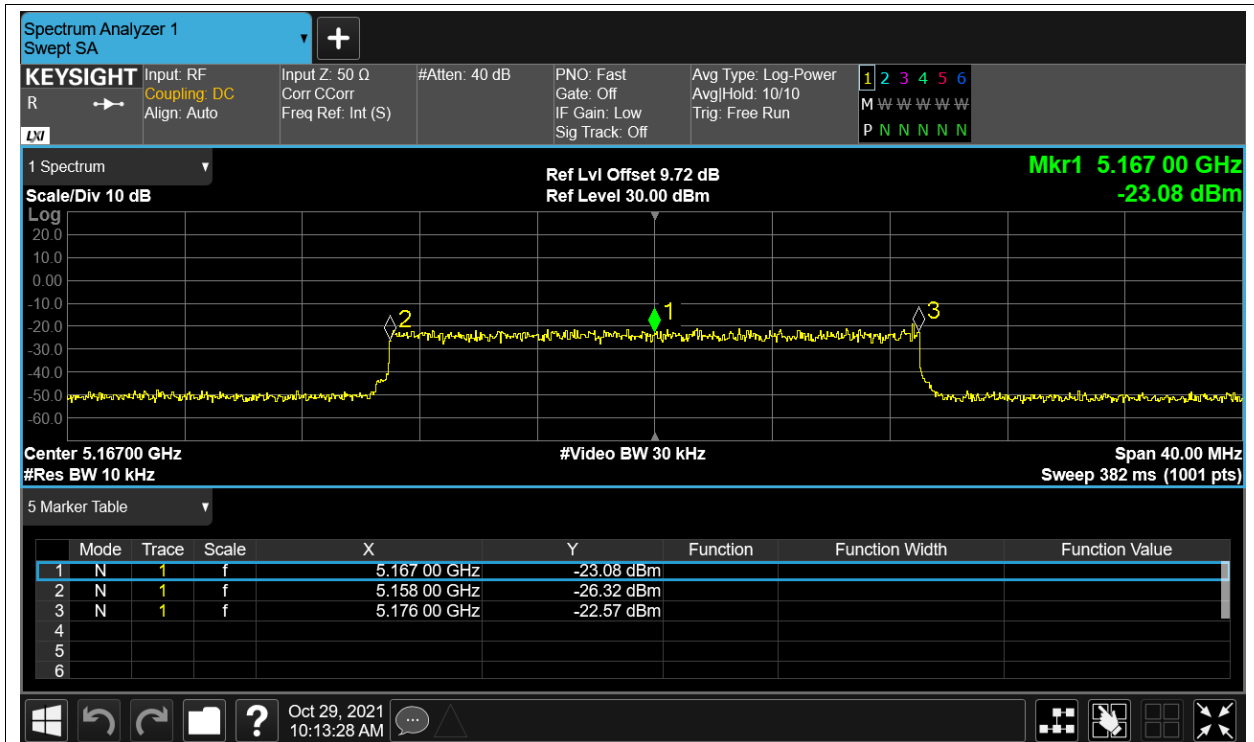
Freq. Stability HVHT 5.2G-20M-16QAM 5167MHz Sum



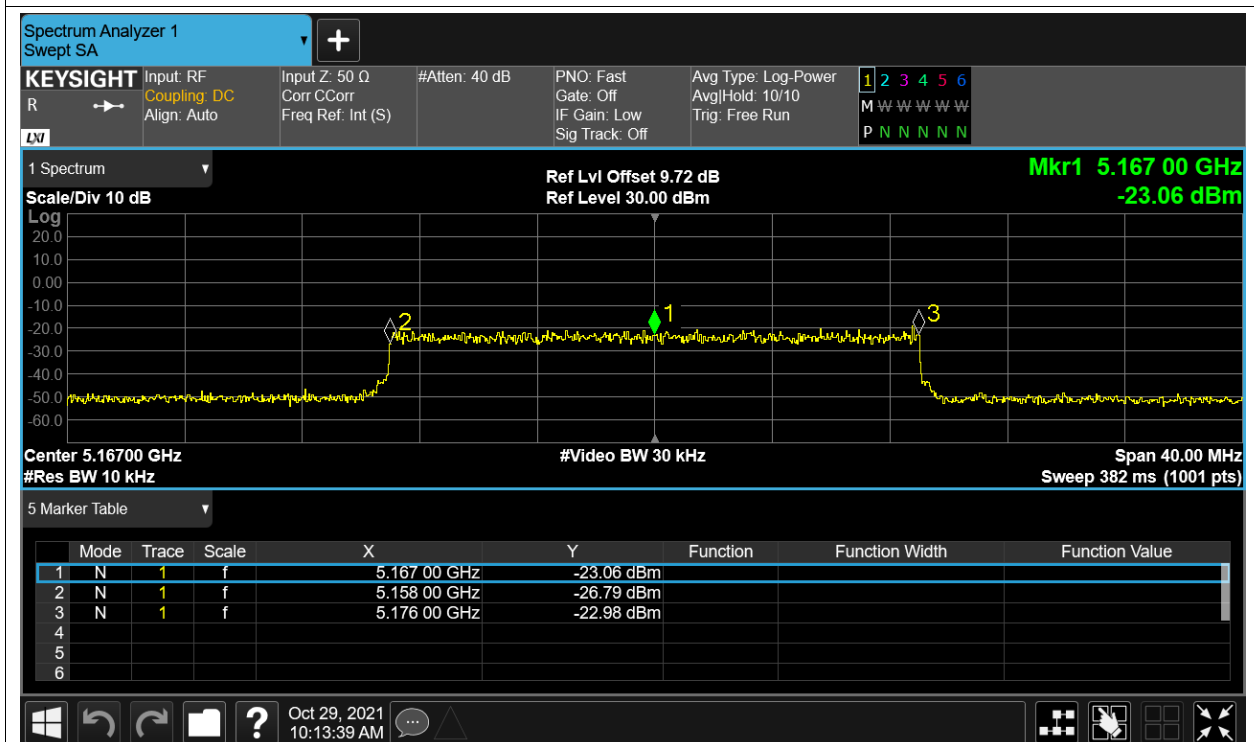
Freq. Stability HVLT 5.2G-20M-16QAM 5167MHz Sum



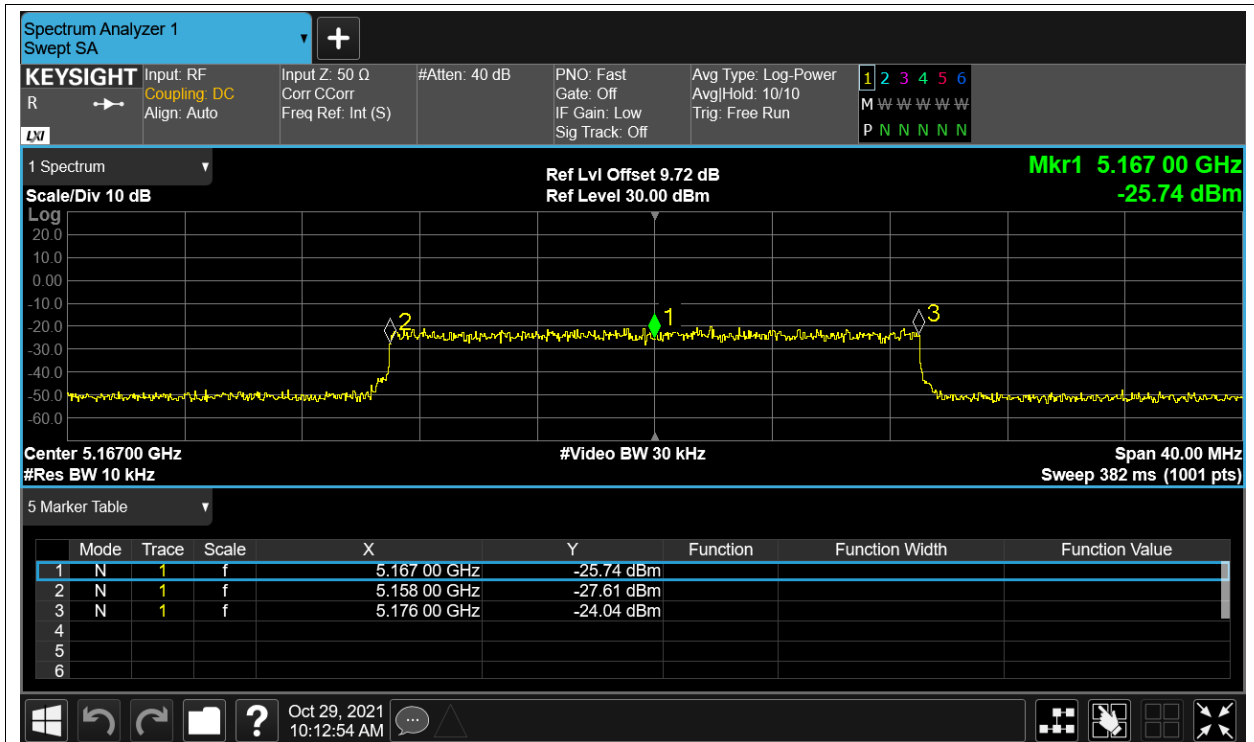
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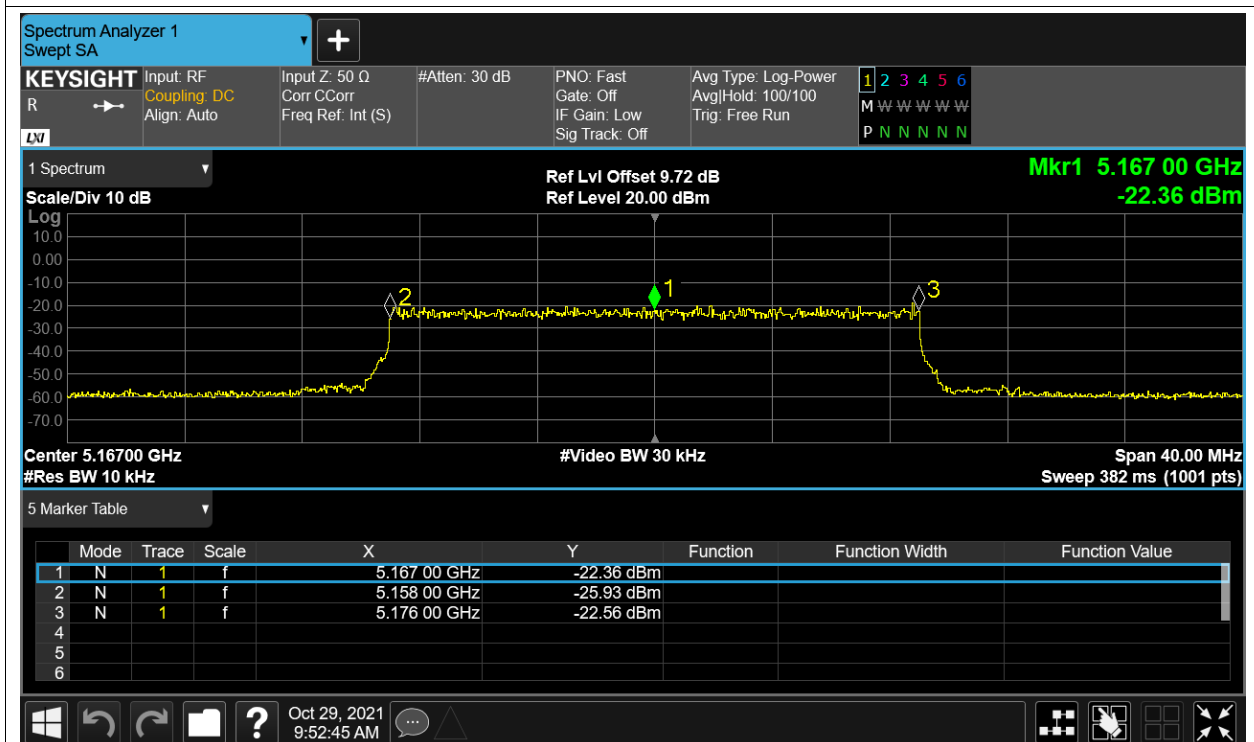
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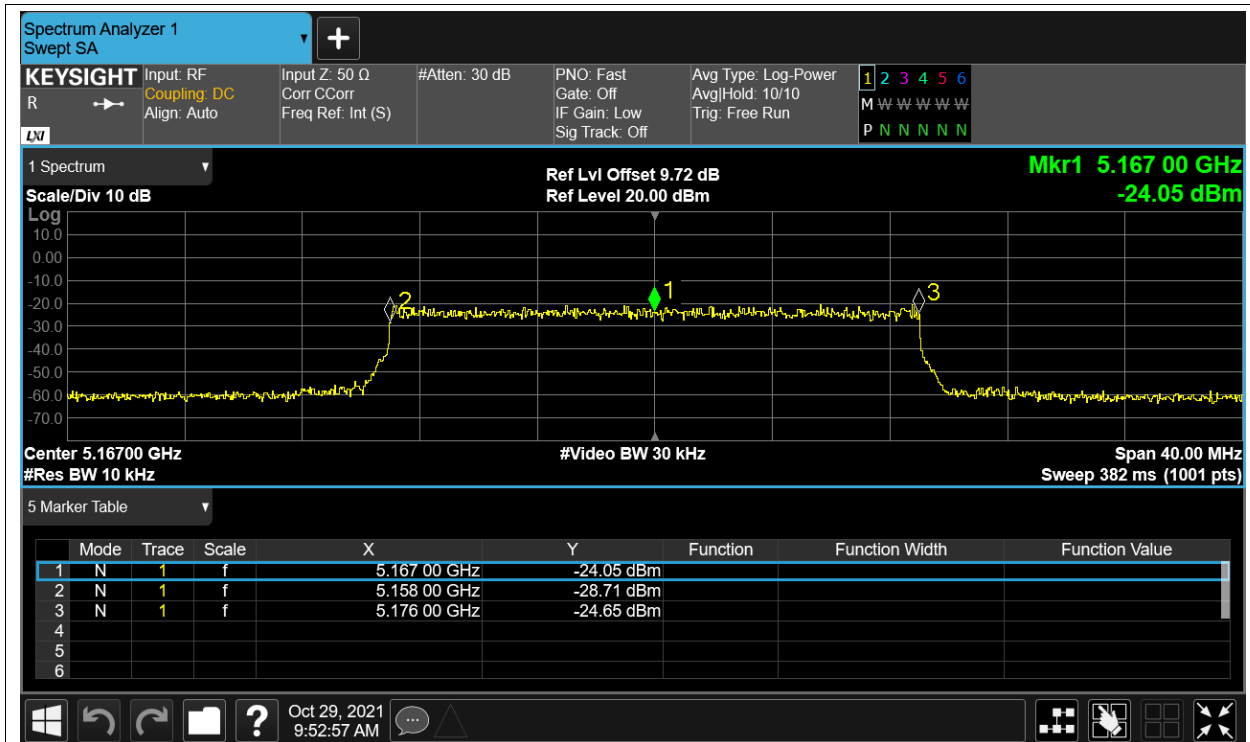
Freq. Stability NVNT 5.2G-20M-16QAM 5167MHz Sum



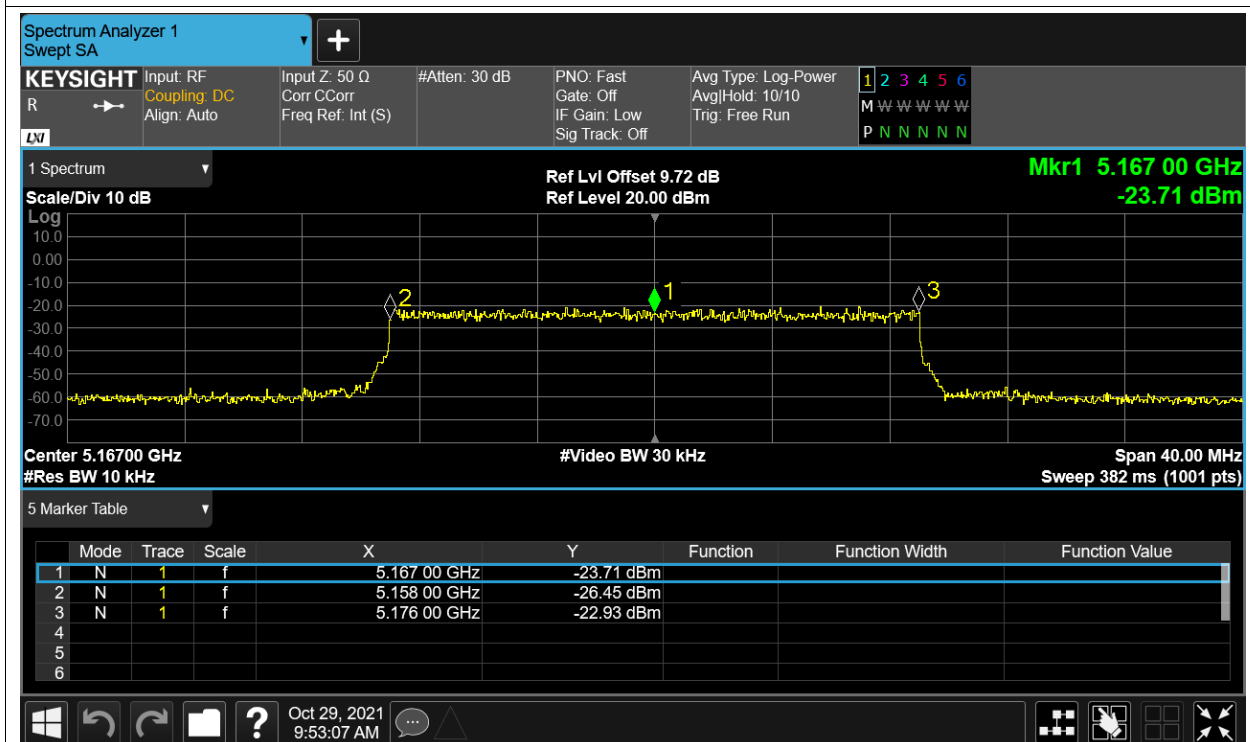
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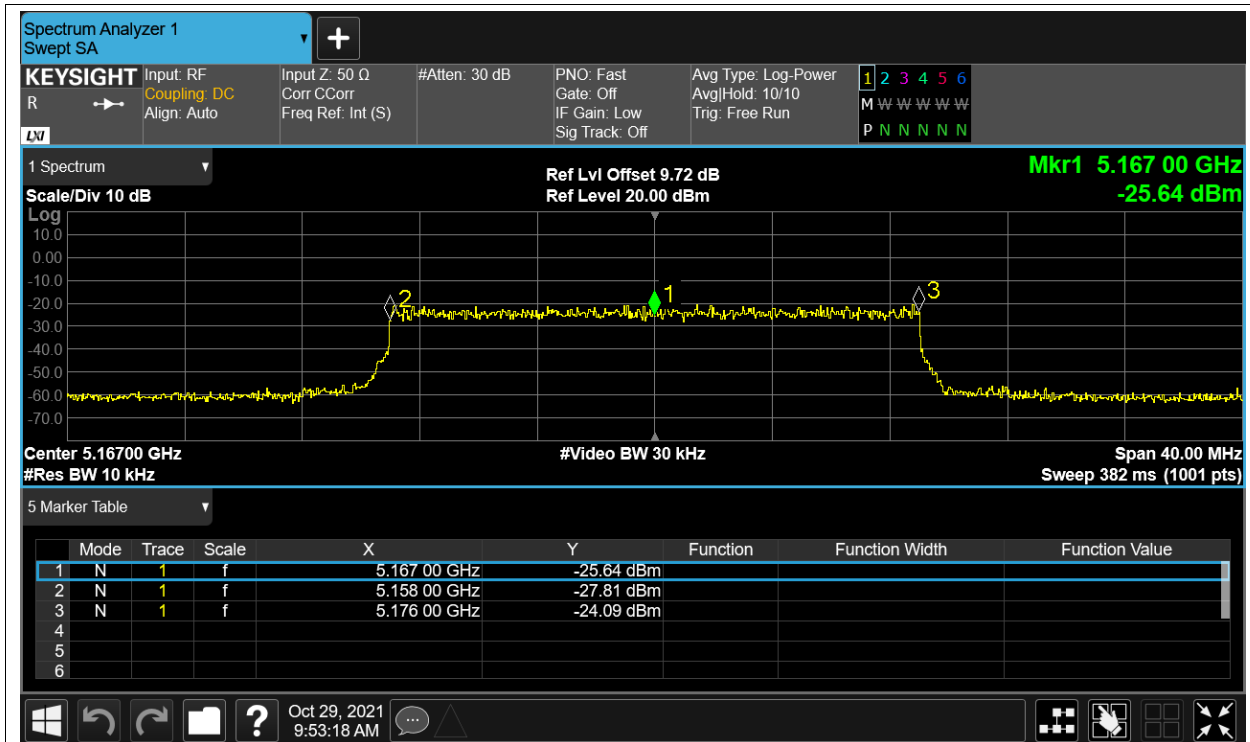
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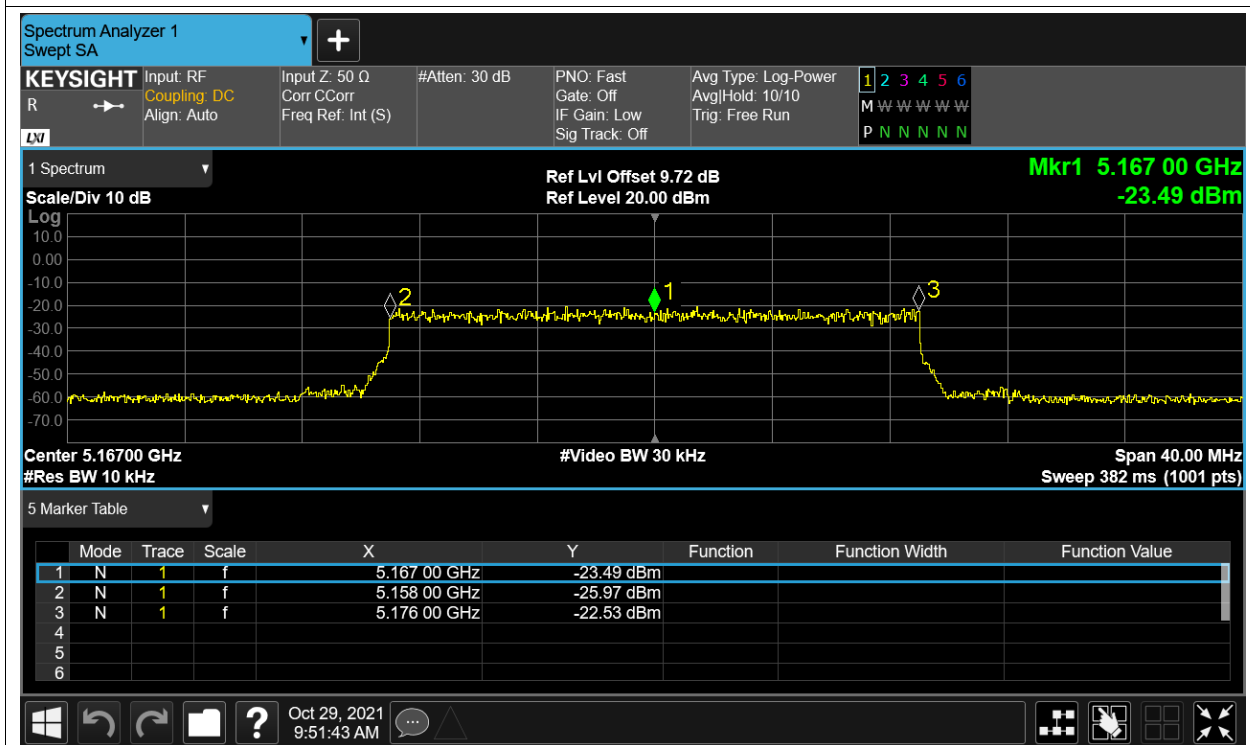
Freq. Stability LVHT 5.2G-20M-QPSK 5167MHz Sum



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



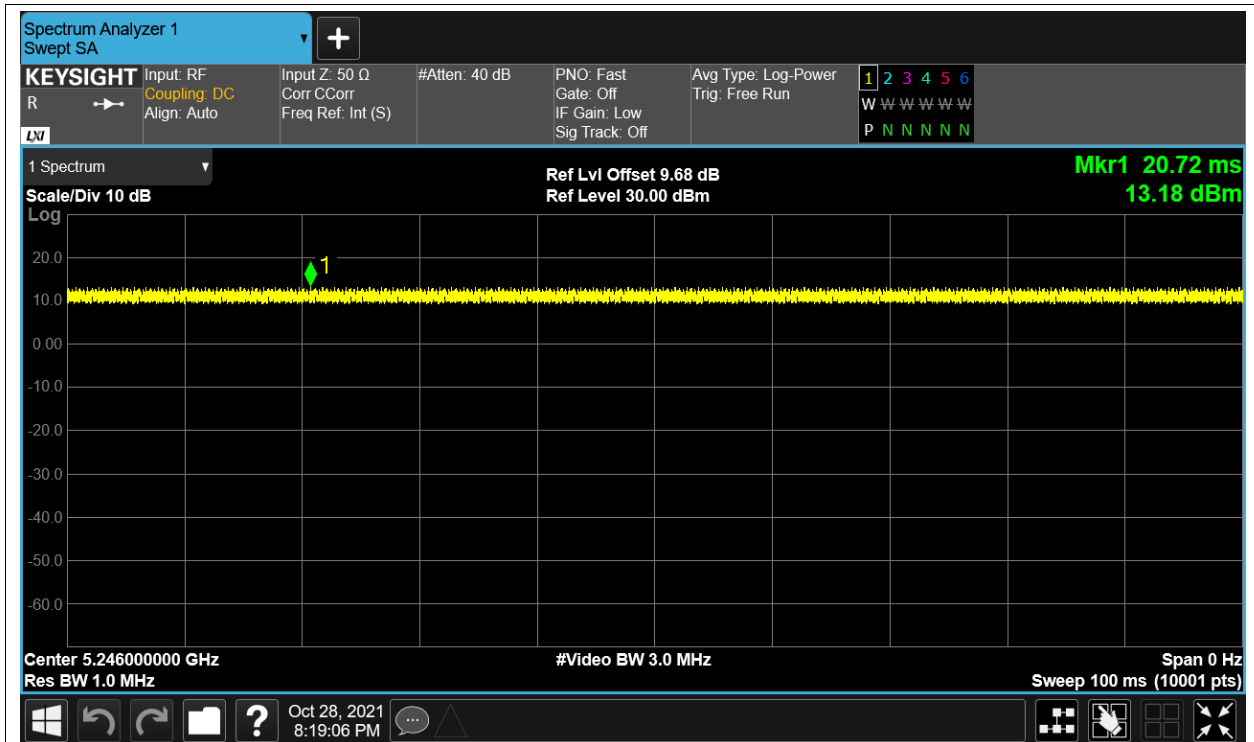
Freq. Stability NVNT 5.2G-20M-QPSK 5167MHz Sum



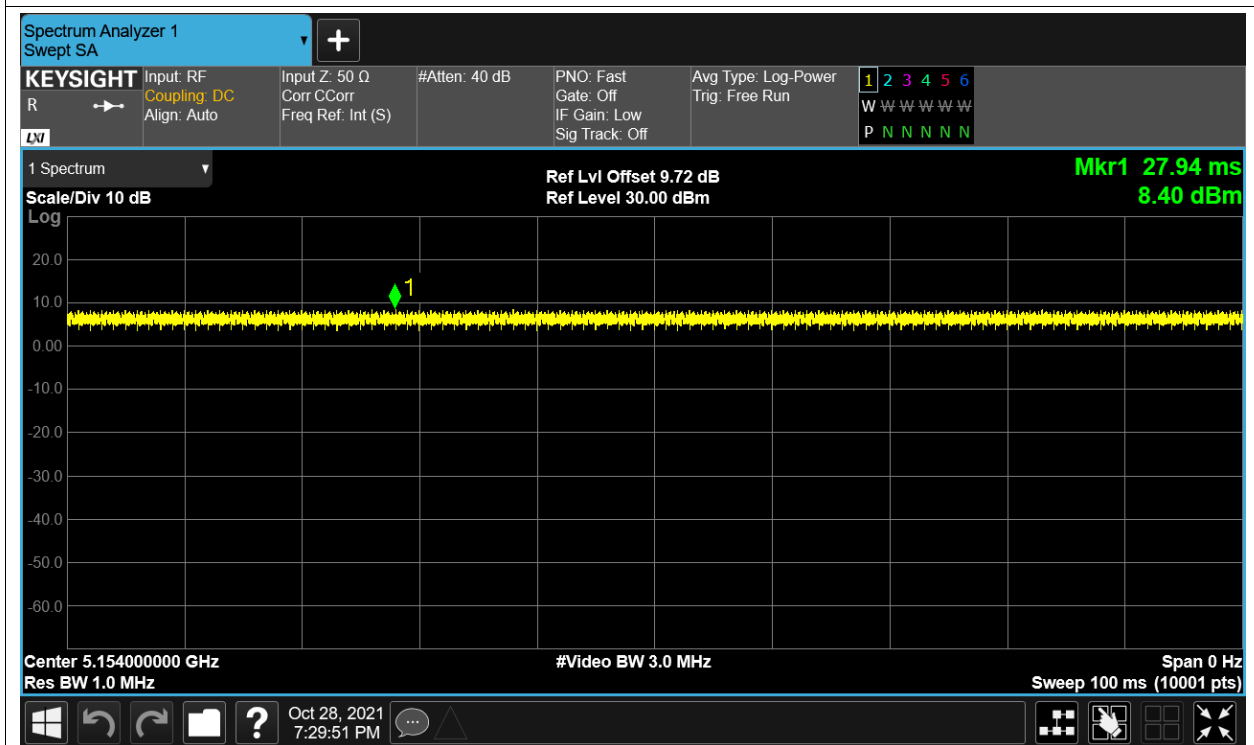
Duty Cycle

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

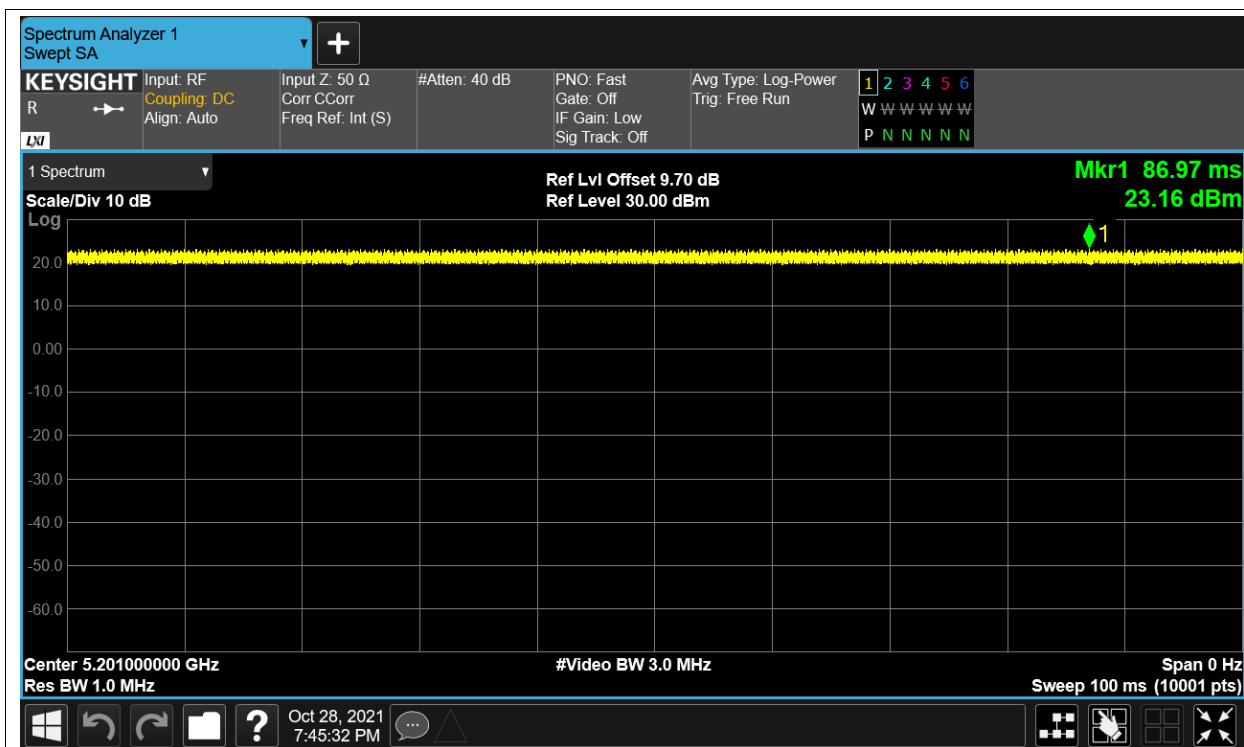




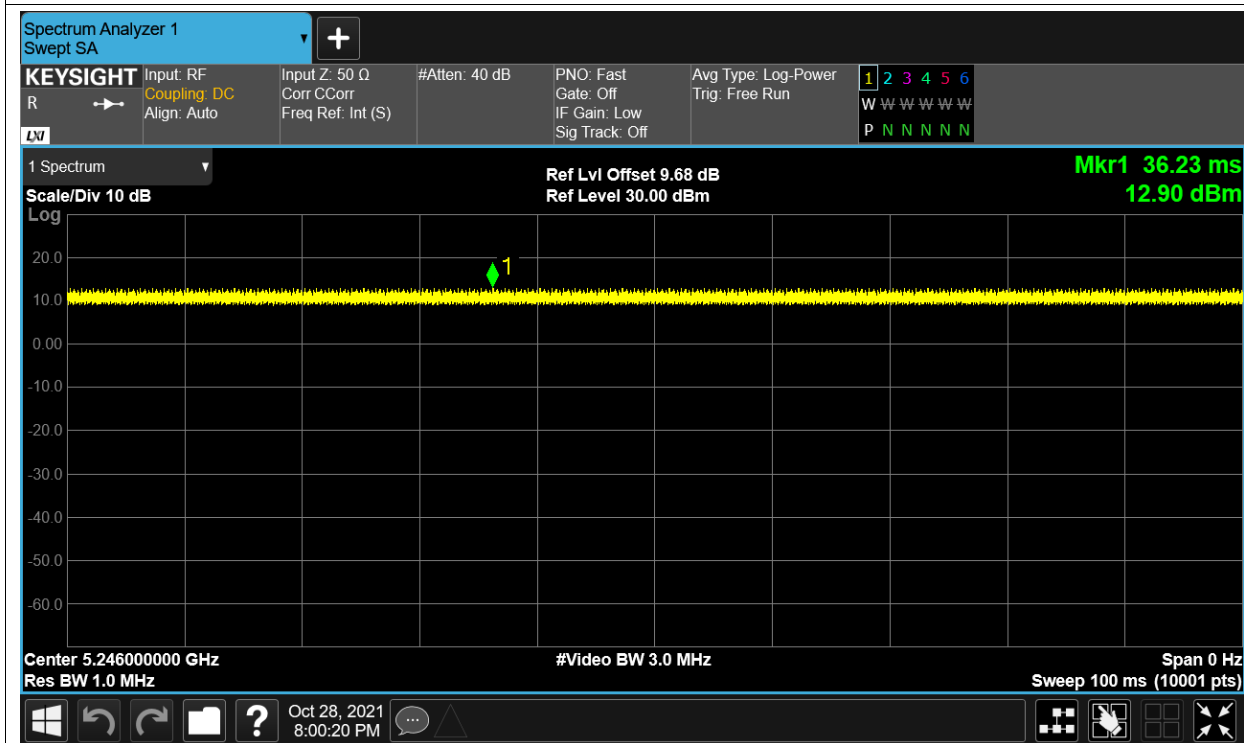
Duty Cycle NVNT 5.2G-1.4M-QPSK 5154MHz Sum



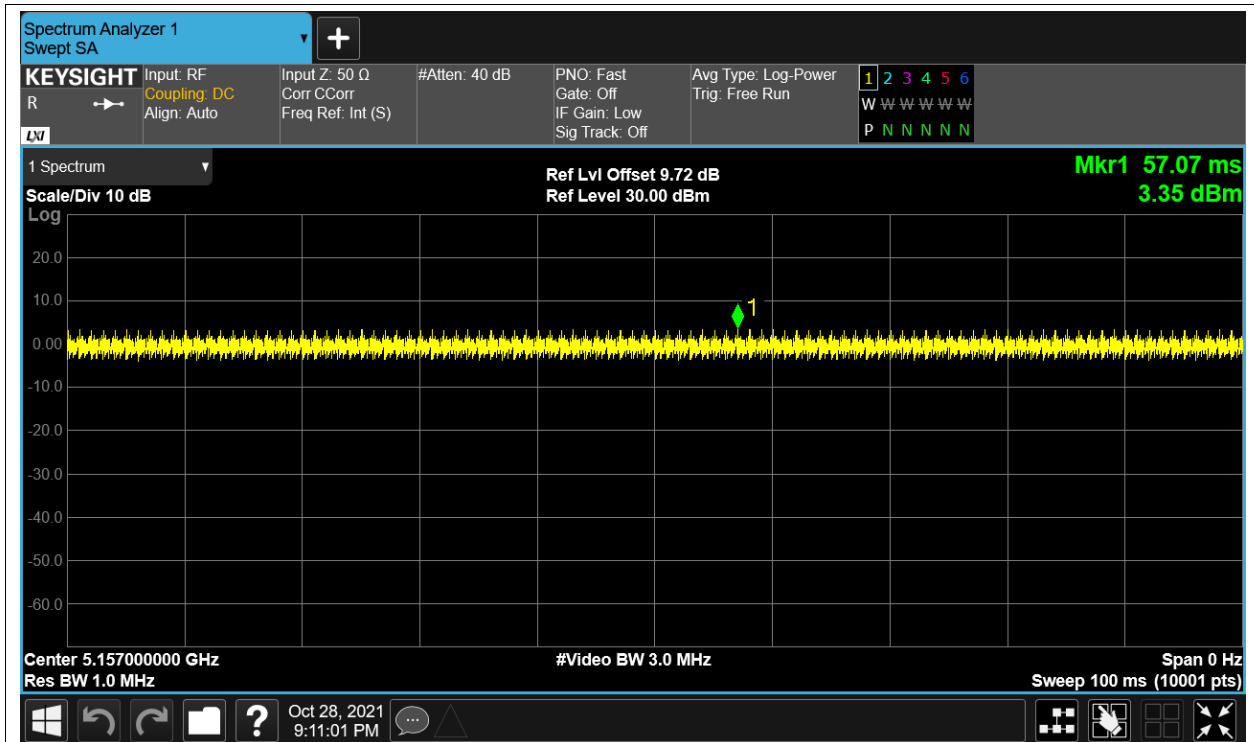
Duty Cycle NVNT 5.2G-1.4M-QPSK 5201MHz Sum



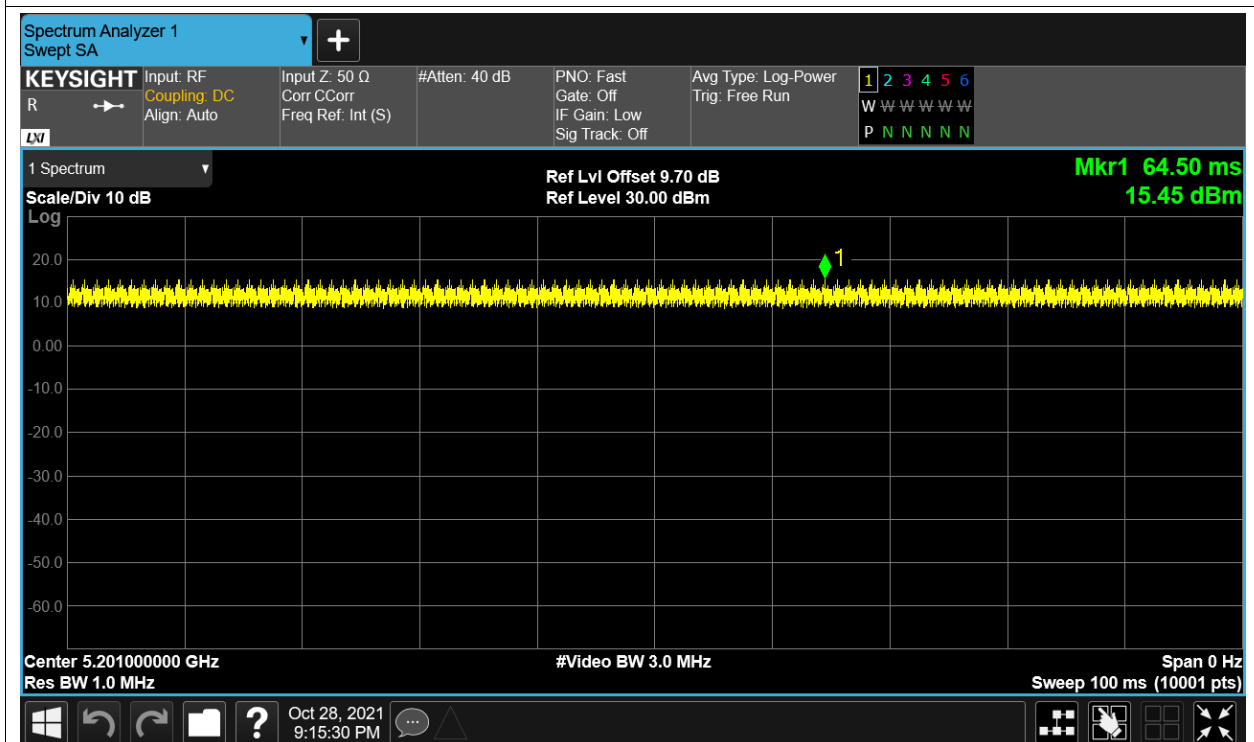
Duty Cycle NVNT 5.2G-1.4M-QPSK 5246MHz Sum



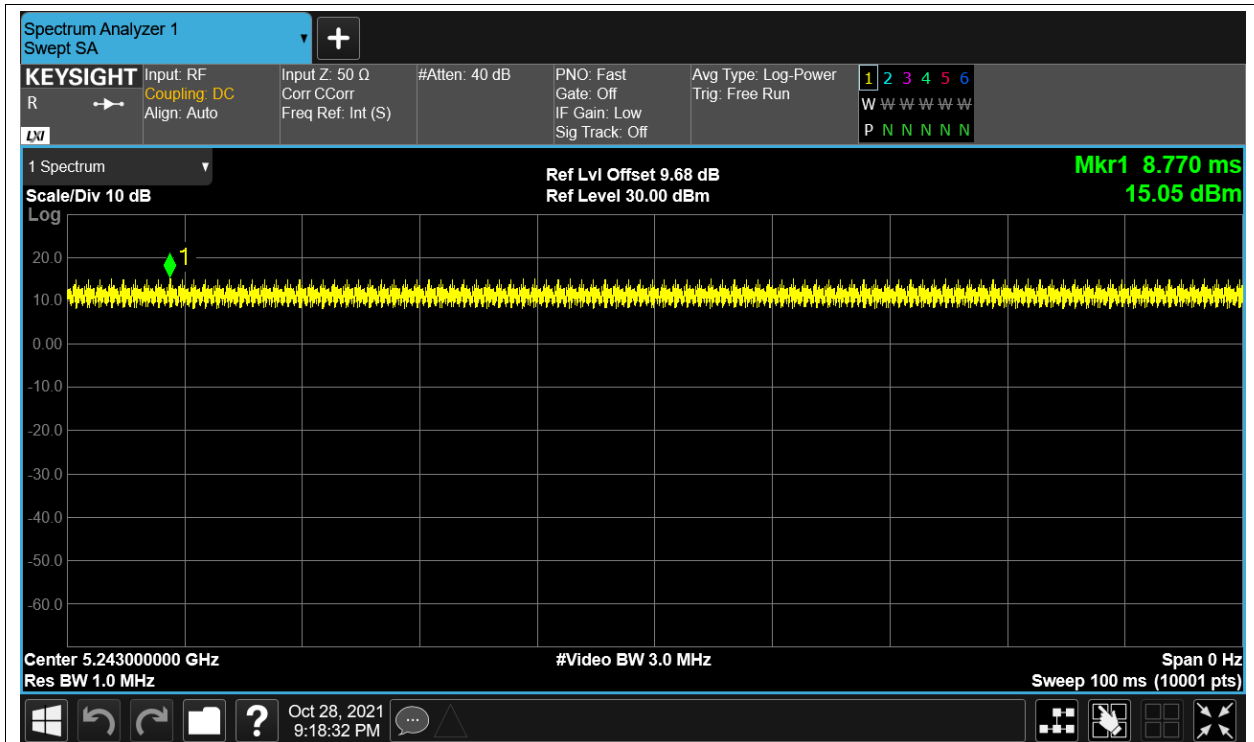
Duty Cycle NVNT 5.2G-10M-16QAM 5157MHz Sum



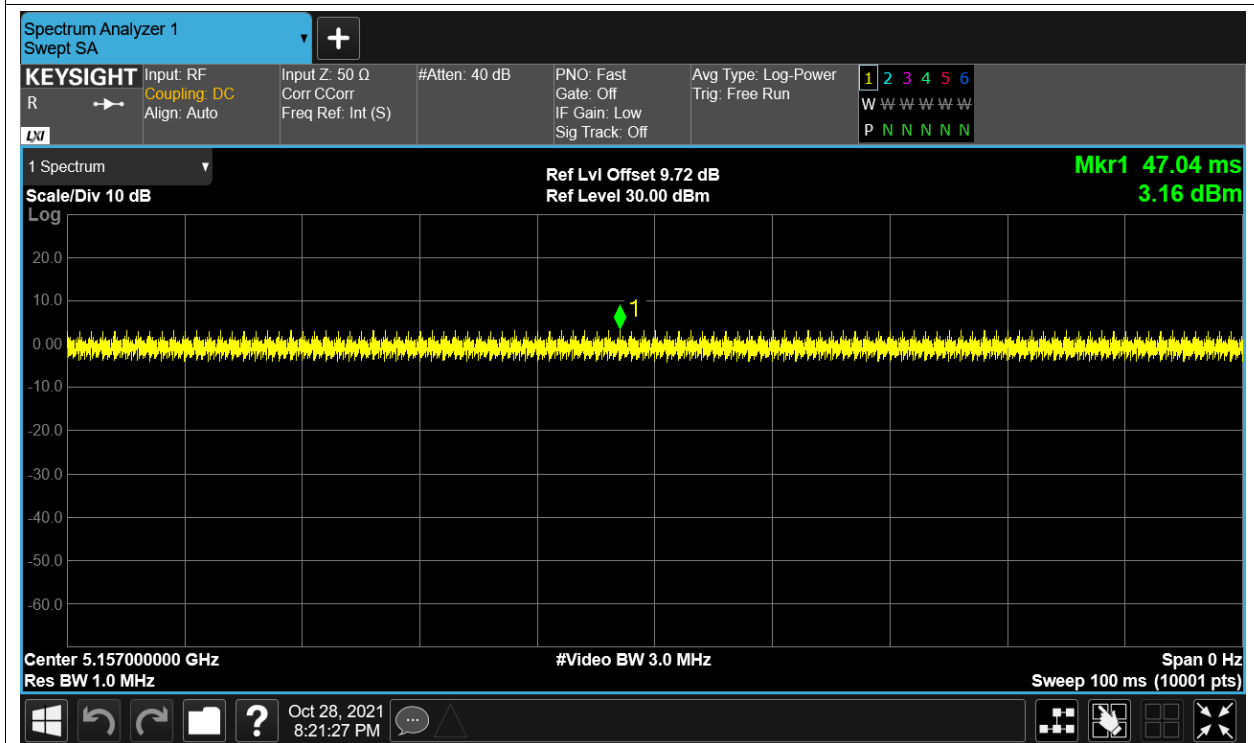
Duty Cycle NVNT 5.2G-10M-16QAM 5201MHz Sum



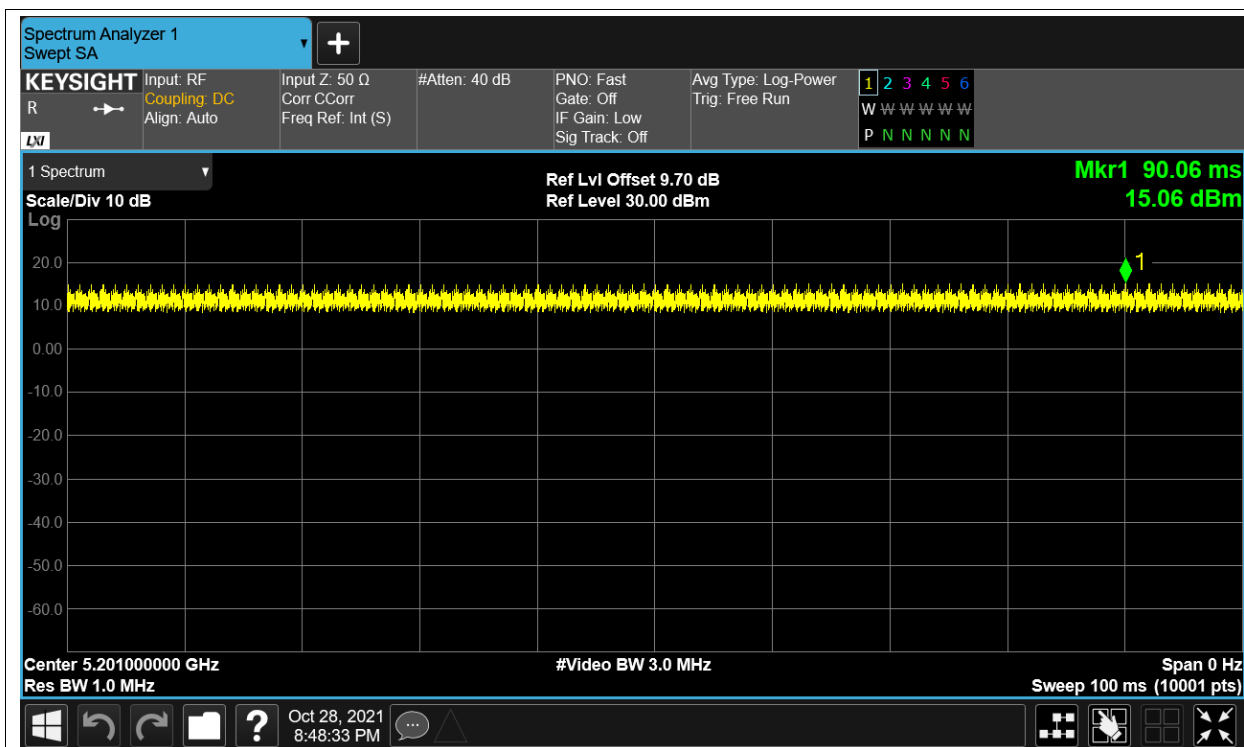
Duty Cycle NVNT 5.2G-10M-16QAM 5243MHz Sum



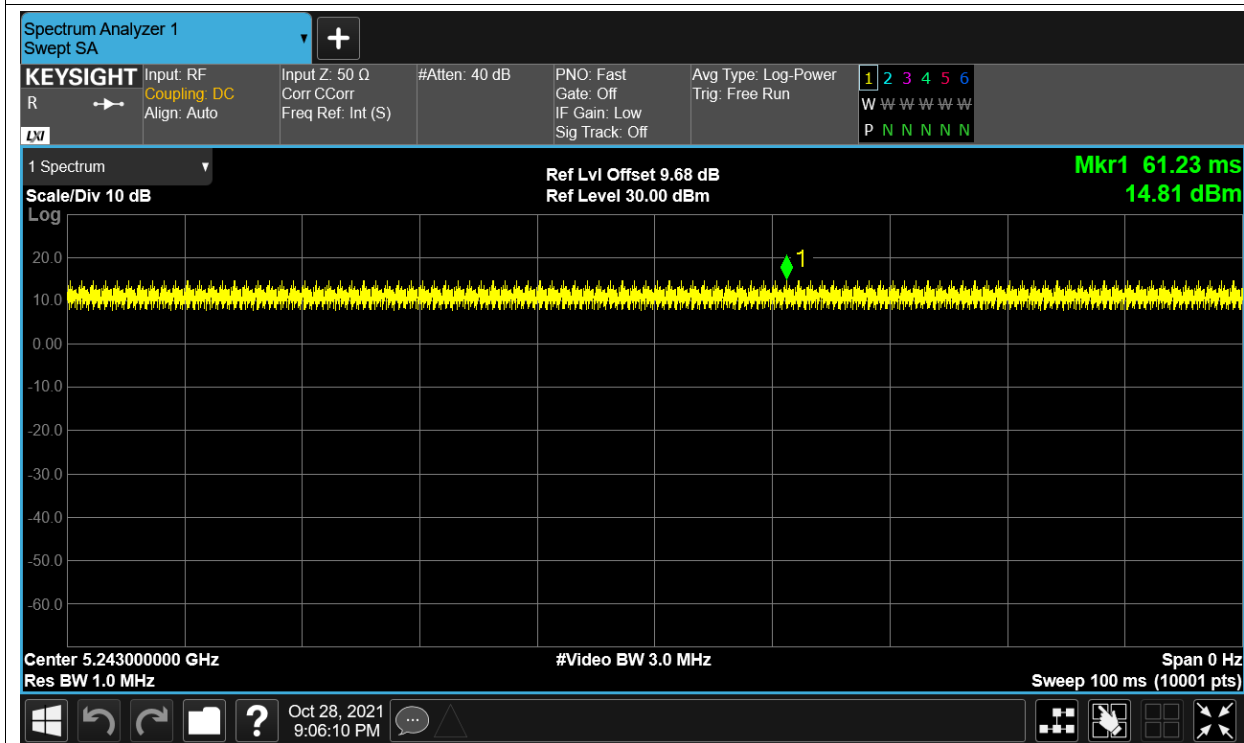
Duty Cycle NVNT 5.2G-10M-QPSK 5157MHz Sum



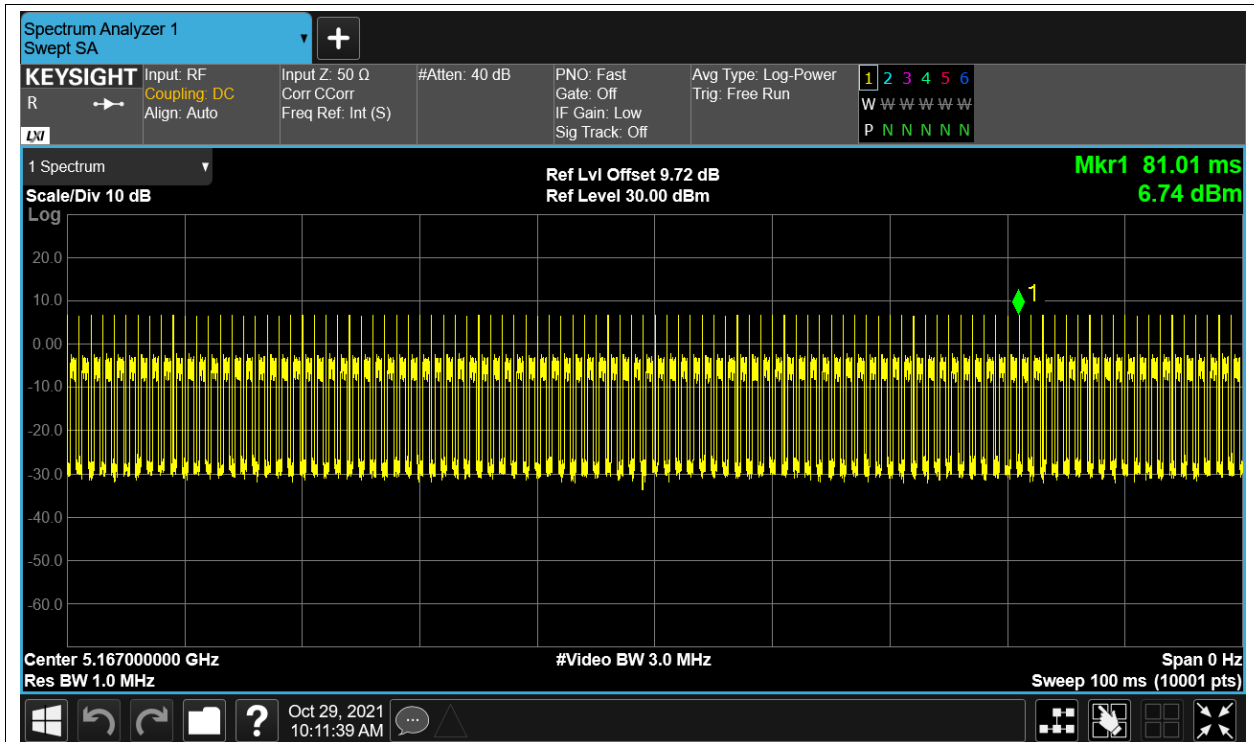
Duty Cycle NVNT 5.2G-10M-QPSK 5201MHz Sum



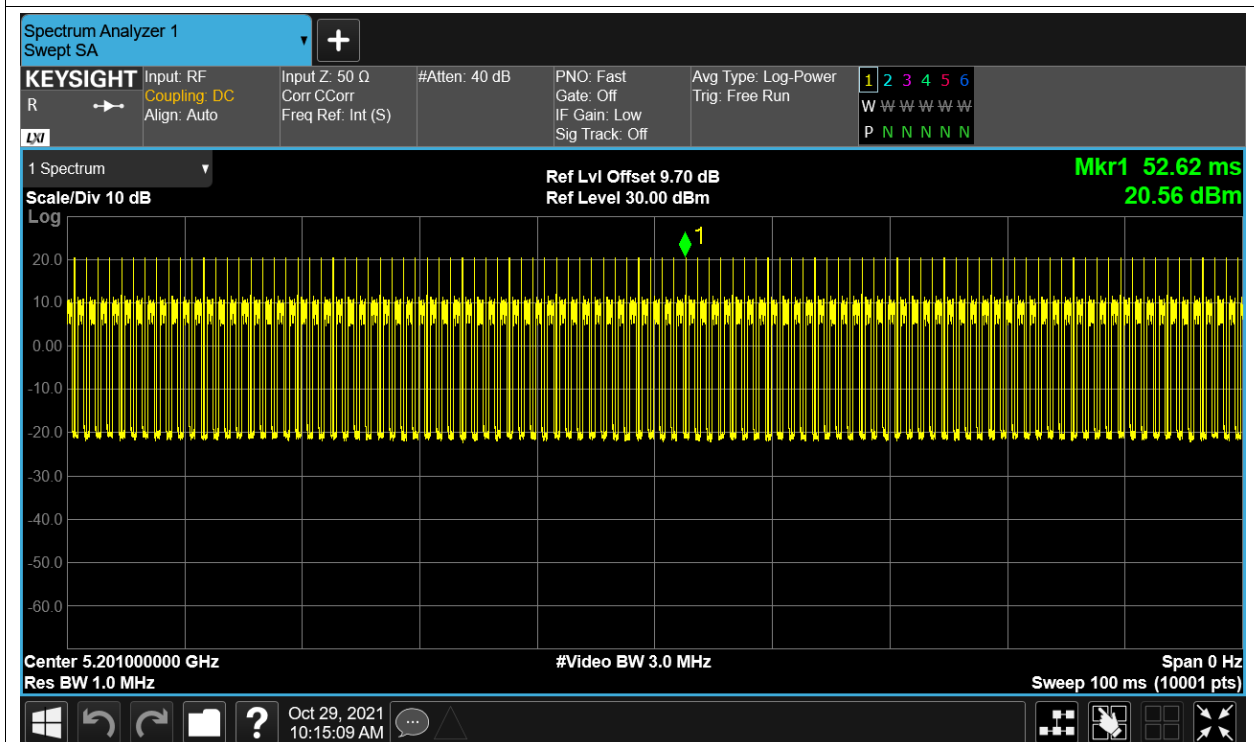
Duty Cycle NVNT 5.2G-10M-QPSK 5243MHz Sum



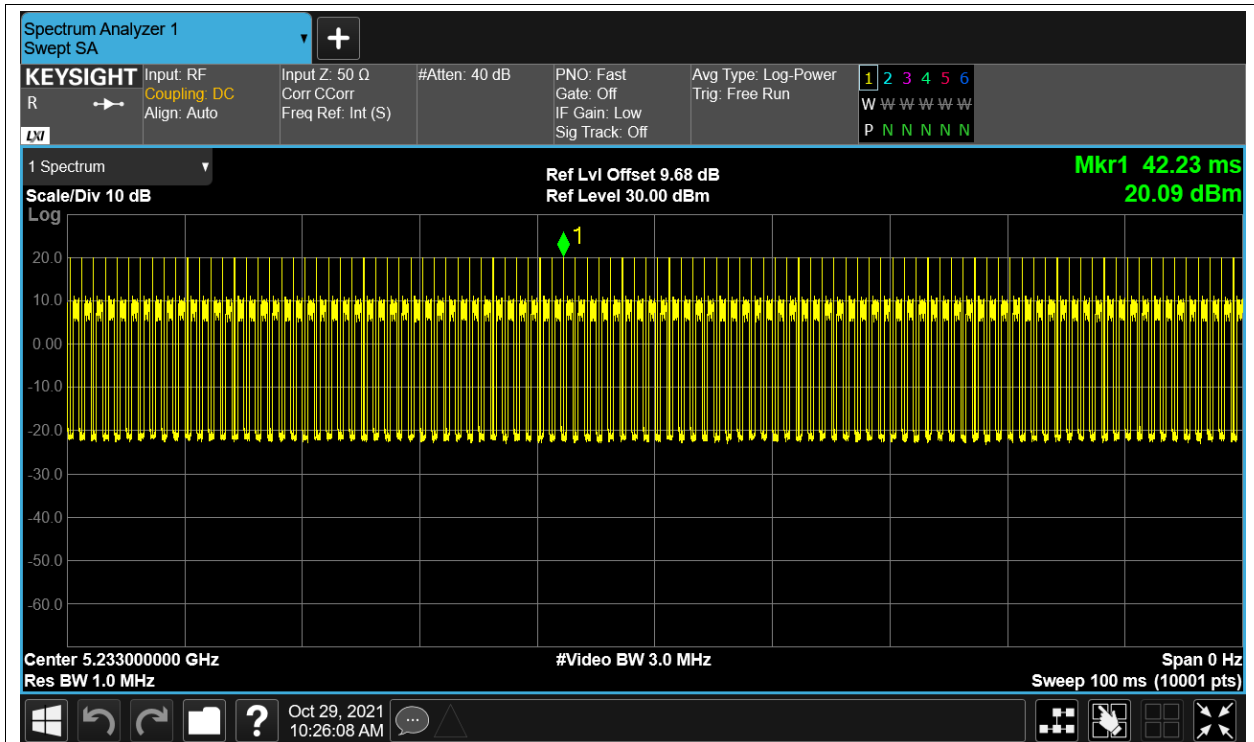
Duty Cycle NVNT 5.2G-20M-16QAM 5167MHz Sum



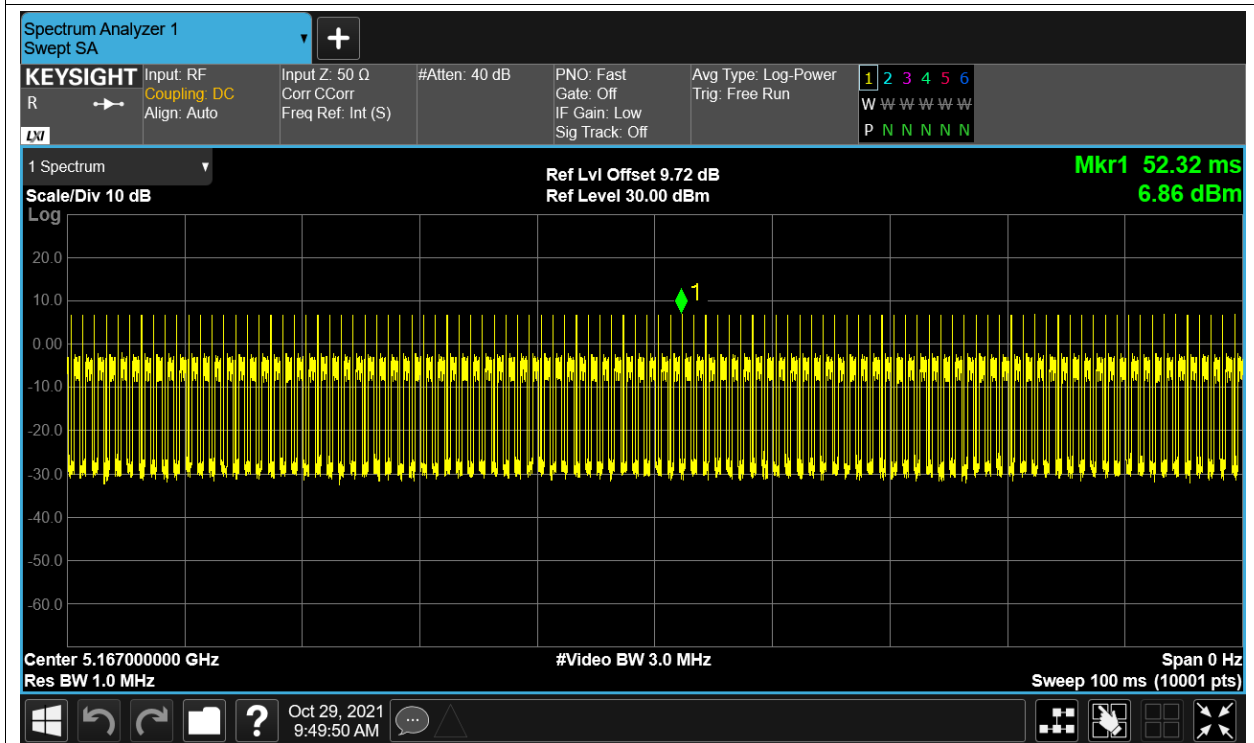
Duty Cycle NVNT 5.2G-20M-16QAM 5201MHz Sum



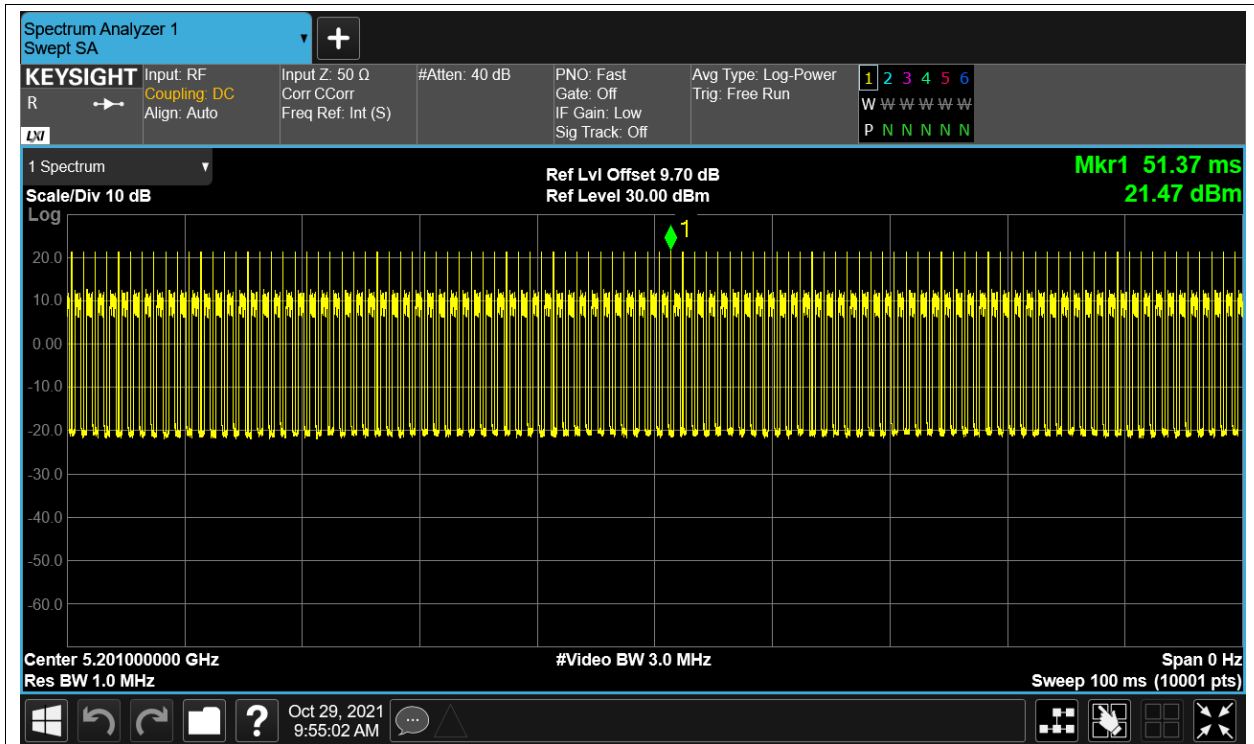
Duty Cycle NVNT 5.2G-20M-16QAM 5233MHz Sum



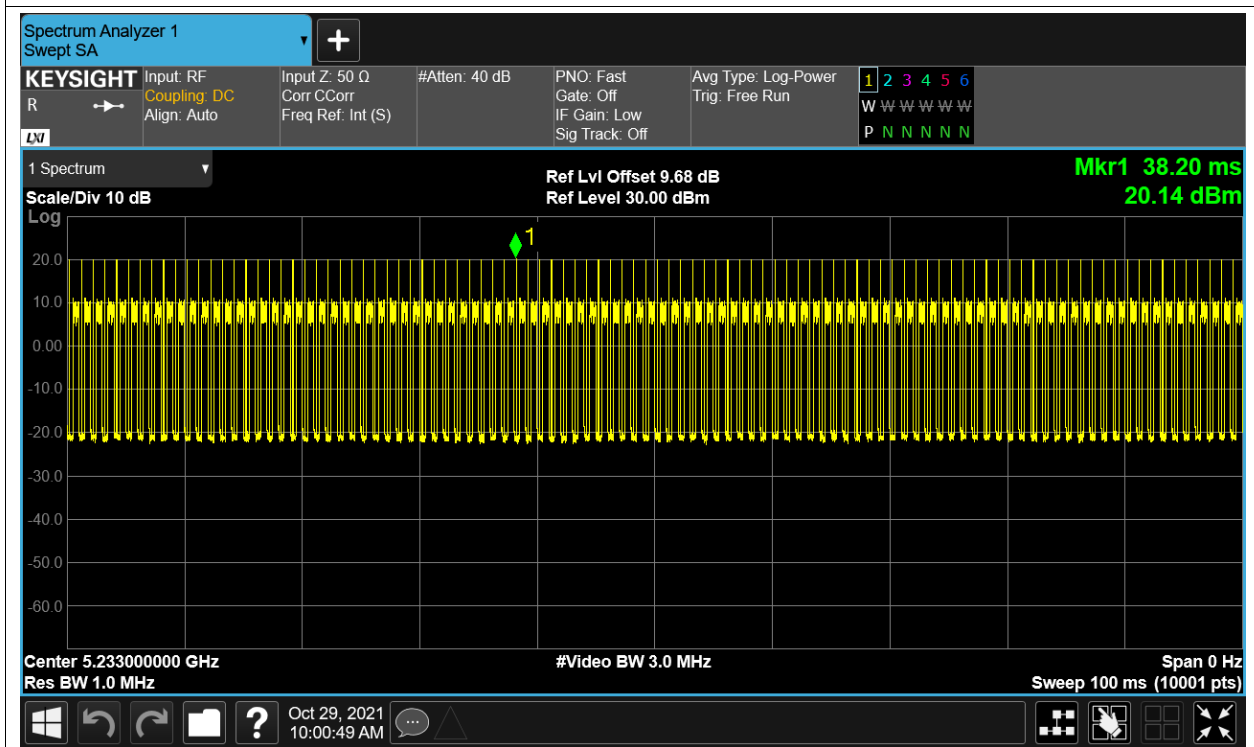
Duty Cycle NVNT 5.2G-20M-QPSK 5167MHz Sum



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



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



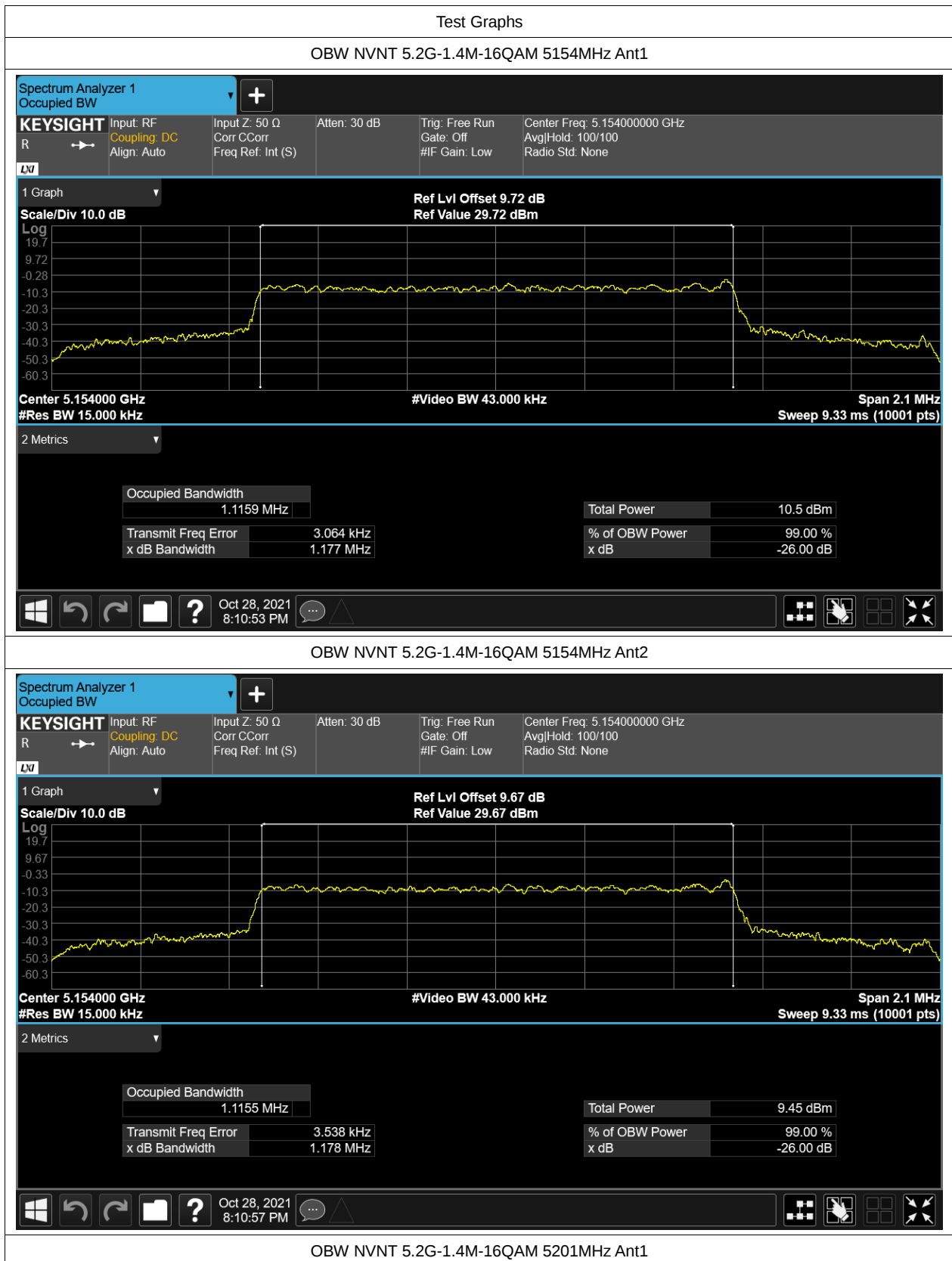
Maximum Conducted Output Power

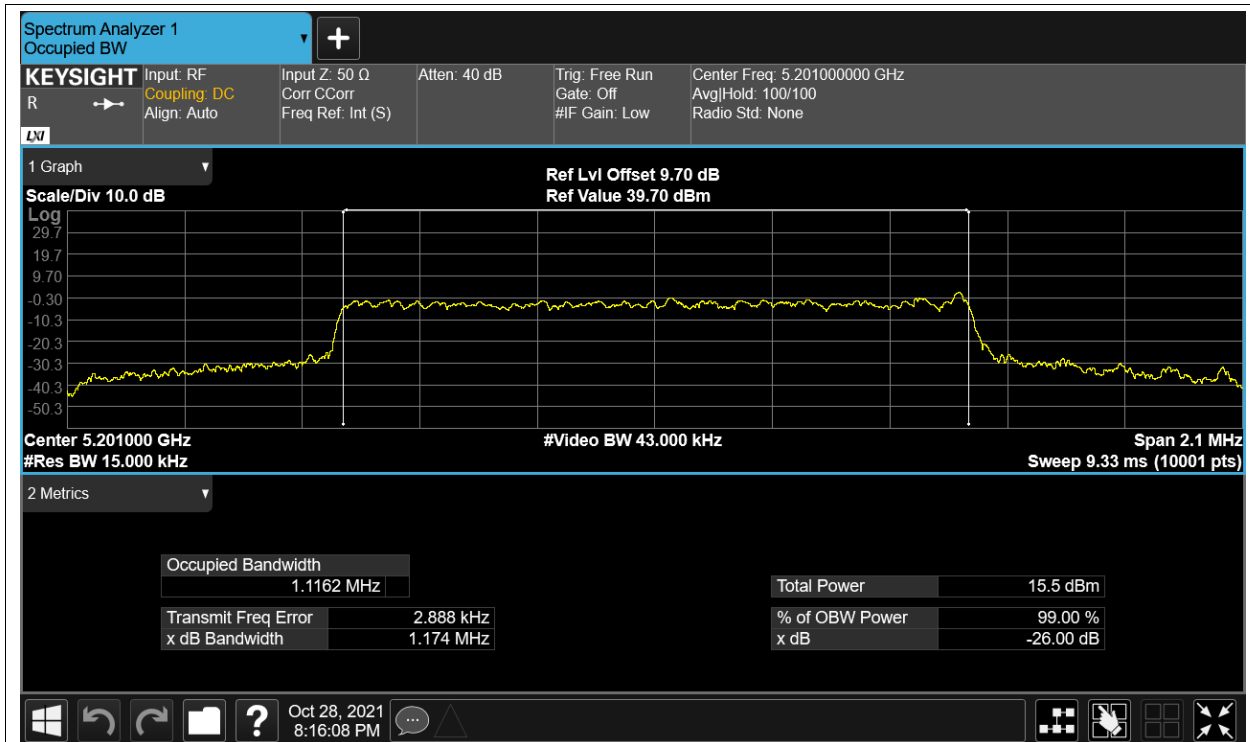
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	5.2G-1.4M-16QAM	5154	Ant1	4.25	0	4.25	24	Pass
NVNT	5.2G-1.4M-16QAM	5154	Ant2	2.97	0	2.97	24	Pass
NVNT	5.2G-1.4M-16QAM	5154	Sum	6.667	0	6.667	24	Pass
NVNT	5.2G-1.4M-16QAM	5201	Ant1	9.46	0	9.46	24	Pass
NVNT	5.2G-1.4M-16QAM	5201	Ant2	8.26	0	8.26	24	Pass
NVNT	5.2G-1.4M-16QAM	5201	Sum	11.912	0	11.912	24	Pass
NVNT	5.2G-1.4M-16QAM	5246	Ant1	9.27	0	9.27	24	Pass
NVNT	5.2G-1.4M-16QAM	5246	Ant2	8.71	0	8.71	24	Pass
NVNT	5.2G-1.4M-16QAM	5246	Sum	12.009	0	12.009	24	Pass
NVNT	5.2G-1.4M-QPSK	5154	Ant1	4.26	0	4.26	24	Pass
NVNT	5.2G-1.4M-QPSK	5154	Ant2	3	0	3	24	Pass
NVNT	5.2G-1.4M-QPSK	5154	Sum	6.686	0	6.686	24	Pass
NVNT	5.2G-1.4M-QPSK	5201	Ant1	9.35	0	9.35	24	Pass
NVNT	5.2G-1.4M-QPSK	5201	Ant2	8.33	0	8.33	24	Pass
NVNT	5.2G-1.4M-QPSK	5201	Sum	11.88	0	11.88	24	Pass
NVNT	5.2G-1.4M-QPSK	5246	Ant1	9.08	0	9.08	24	Pass
NVNT	5.2G-1.4M-QPSK	5246	Ant2	8.42	0	8.42	24	Pass
NVNT	5.2G-1.4M-QPSK	5246	Sum	11.773	0	11.773	24	Pass
NVNT	5.2G-10M-16QAM	5157	Ant1	4	0	4	24	Pass
NVNT	5.2G-10M-16QAM	5157	Ant2	2.86	0	2.86	24	Pass
NVNT	5.2G-10M-16QAM	5157	Sum	6.478	0	6.478	24	Pass
NVNT	5.2G-10M-16QAM	5201	Ant1	16.03	0	16.03	24	Pass
NVNT	5.2G-10M-16QAM	5201	Ant2	15.03	0	15.03	24	Pass
NVNT	5.2G-10M-16QAM	5201	Sum	18.569	0	18.569	24	Pass
NVNT	5.2G-10M-16QAM	5243	Ant1	15.83	0	15.83	24	Pass
NVNT	5.2G-10M-16QAM	5243	Ant2	15.37	0	15.37	24	Pass
NVNT	5.2G-10M-16QAM	5243	Sum	18.616	0	18.616	24	Pass
NVNT	5.2G-10M-QPSK	5157	Ant1	3.84	0	3.84	24	Pass
NVNT	5.2G-10M-QPSK	5157	Ant2	2.7	0	2.7	24	Pass
NVNT	5.2G-10M-QPSK	5157	Sum	6.318	0	6.318	24	Pass
NVNT	5.2G-10M-QPSK	5201	Ant1	15.85	0	15.85	24	Pass
NVNT	5.2G-10M-QPSK	5201	Ant2	14.82	0	14.82	24	Pass
NVNT	5.2G-10M-QPSK	5201	Sum	18.376	0	18.376	24	Pass
NVNT	5.2G-10M-QPSK	5243	Ant1	15.67	0	15.67	24	Pass
NVNT	5.2G-10M-QPSK	5243	Ant2	15.2	0	15.2	24	Pass
NVNT	5.2G-10M-QPSK	5243	Sum	18.452	0	18.452	24	Pass
NVNT	5.2G-20M-16QAM	5167	Ant1	7.07	0	7.07	24	Pass
NVNT	5.2G-20M-16QAM	5167	Ant2	6.25	0	6.25	24	Pass

NVNT	5.2G-20M-16QAM	5167	Sum	9.69	0	9.69	24	Pass
NVNT	5.2G-20M-16QAM	5201	Ant1	20.2	0	20.2	24	Pass
NVNT	5.2G-20M-16QAM	5201	Ant2	19.64	0	19.64	24	Pass
NVNT	5.2G-20M-16QAM	5201	Sum	22.939	0	22.939	24	Pass
NVNT	5.2G-20M-16QAM	5233	Ant1	19.79	0	19.79	24	Pass
NVNT	5.2G-20M-16QAM	5233	Ant2	19.58	0	19.58	24	Pass
NVNT	5.2G-20M-16QAM	5233	Sum	22.697	0	22.697	24	Pass
NVNT	5.2G-20M-QPSK	5167	Ant1	7.35	0	7.35	24	Pass
NVNT	5.2G-20M-QPSK	5167	Ant2	7.39	0	7.39	24	Pass
NVNT	5.2G-20M-QPSK	5167	Sum	10.38	0	10.38	24	Pass
NVNT	5.2G-20M-QPSK	5201	Ant1	20.26	0	20.26	24	Pass
NVNT	5.2G-20M-QPSK	5201	Ant2	19.53	0	19.53	24	Pass
NVNT	5.2G-20M-QPSK	5201	Sum	22.921	0	22.921	24	Pass
NVNT	5.2G-20M-QPSK	5233	Ant1	19.77	0	19.77	24	Pass
NVNT	5.2G-20M-QPSK	5233	Ant2	19.79	0	19.79	24	Pass
NVNT	5.2G-20M-QPSK	5233	Sum	22.79	0	22.79	24	Pass

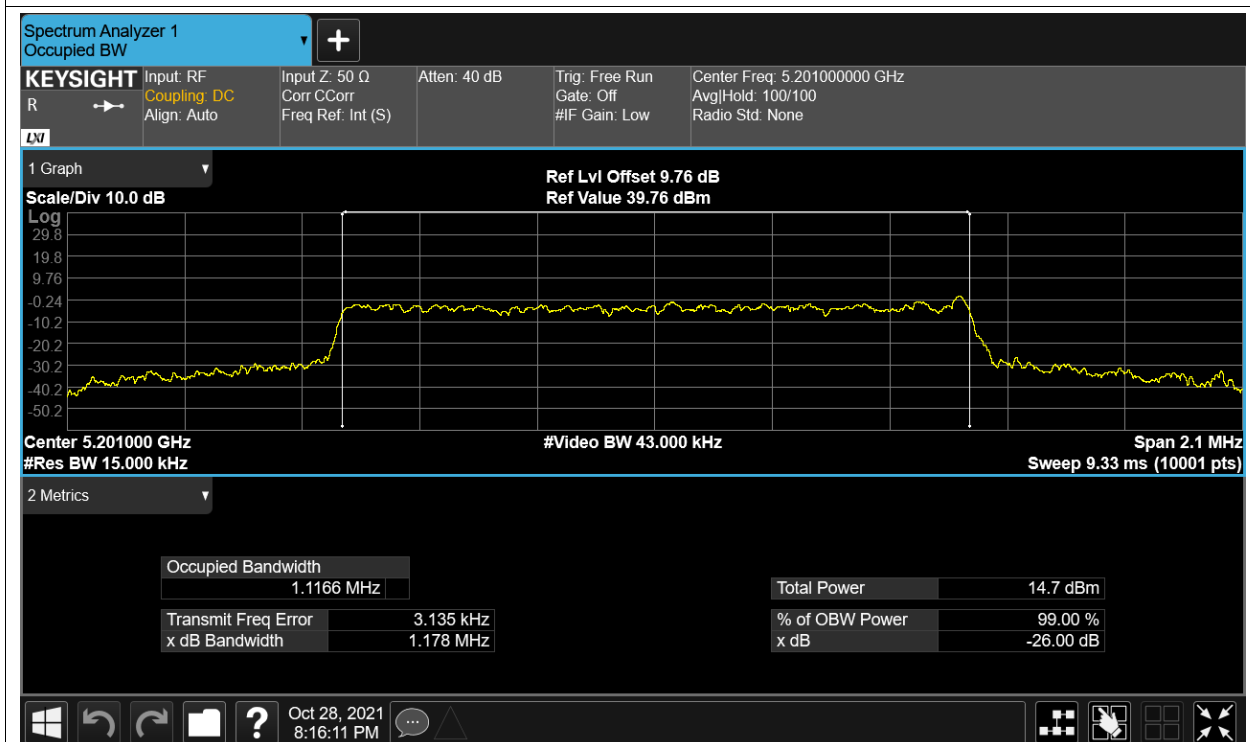
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	5.2G-1.4M-16QAM	5154	Ant1	1.115906429
NVNT	5.2G-1.4M-16QAM	5154	Ant2	1.115480574
NVNT	5.2G-1.4M-16QAM	5201	Ant1	1.116162697
NVNT	5.2G-1.4M-16QAM	5201	Ant2	1.116562548
NVNT	5.2G-1.4M-16QAM	5246	Ant1	1.114176295
NVNT	5.2G-1.4M-16QAM	5246	Ant2	1.115627894
NVNT	5.2G-1.4M-QPSK	5154	Ant1	1.11644411
NVNT	5.2G-1.4M-QPSK	5154	Ant2	1.116830876
NVNT	5.2G-1.4M-QPSK	5201	Ant1	1.11703456
NVNT	5.2G-1.4M-QPSK	5201	Ant2	1.117124384
NVNT	5.2G-1.4M-QPSK	5246	Ant1	1.115797723
NVNT	5.2G-1.4M-QPSK	5246	Ant2	1.116733391
NVNT	5.2G-10M-16QAM	5157	Ant1	8.950030821
NVNT	5.2G-10M-16QAM	5157	Ant2	8.925777326
NVNT	5.2G-10M-16QAM	5201	Ant1	8.939550439
NVNT	5.2G-10M-16QAM	5201	Ant2	8.928917696
NVNT	5.2G-10M-16QAM	5243	Ant1	8.94215674
NVNT	5.2G-10M-16QAM	5243	Ant2	8.932228222
NVNT	5.2G-10M-QPSK	5157	Ant1	8.932161008
NVNT	5.2G-10M-QPSK	5157	Ant2	8.93455809
NVNT	5.2G-10M-QPSK	5201	Ant1	8.944082617
NVNT	5.2G-10M-QPSK	5201	Ant2	8.925857834
NVNT	5.2G-10M-QPSK	5243	Ant1	8.932678388
NVNT	5.2G-10M-QPSK	5243	Ant2	8.917736314
NVNT	5.2G-20M-16QAM	5167	Ant1	17.87789612
NVNT	5.2G-20M-16QAM	5167	Ant2	17.86351484
NVNT	5.2G-20M-16QAM	5201	Ant1	17.84576541
NVNT	5.2G-20M-16QAM	5201	Ant2	17.86007648
NVNT	5.2G-20M-16QAM	5233	Ant1	17.85241687
NVNT	5.2G-20M-16QAM	5233	Ant2	17.86226177
NVNT	5.2G-20M-QPSK	5167	Ant1	17.85946986
NVNT	5.2G-20M-QPSK	5167	Ant2	17.88643262
NVNT	5.2G-20M-QPSK	5201	Ant1	17.89440111
NVNT	5.2G-20M-QPSK	5201	Ant2	17.87442473
NVNT	5.2G-20M-QPSK	5233	Ant1	17.87108324
NVNT	5.2G-20M-QPSK	5233	Ant2	17.89634918

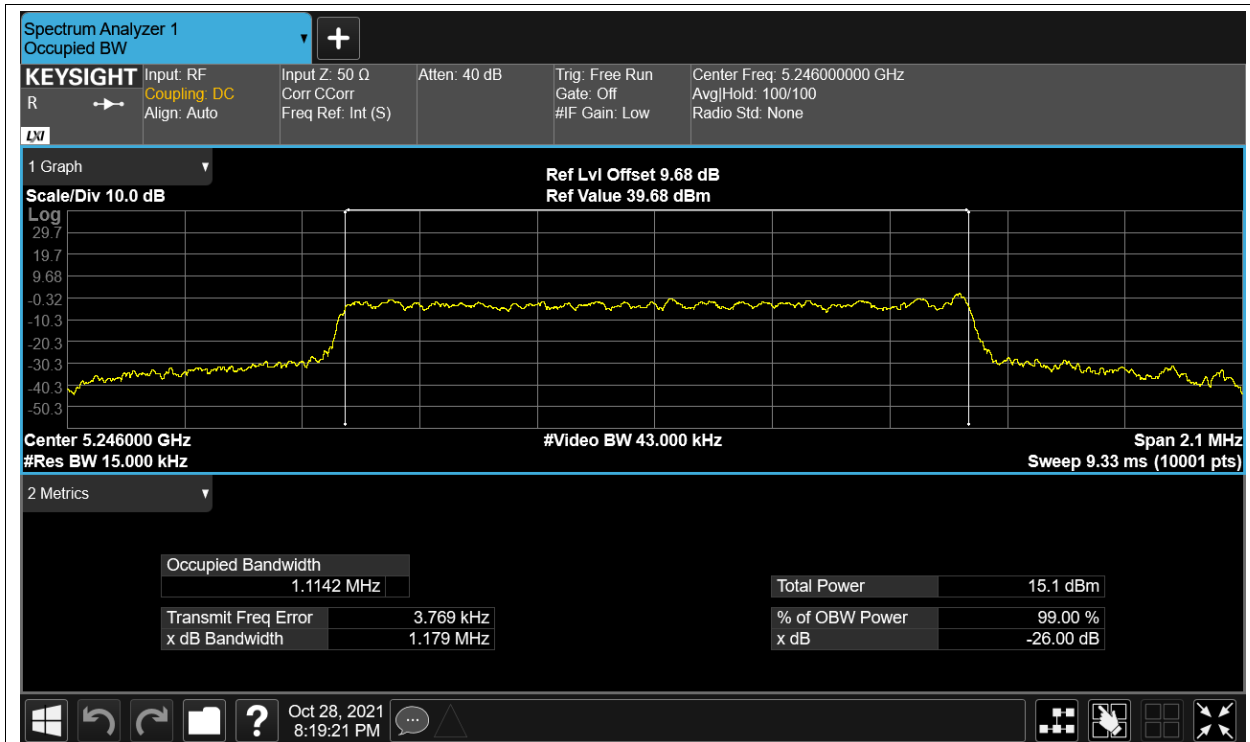




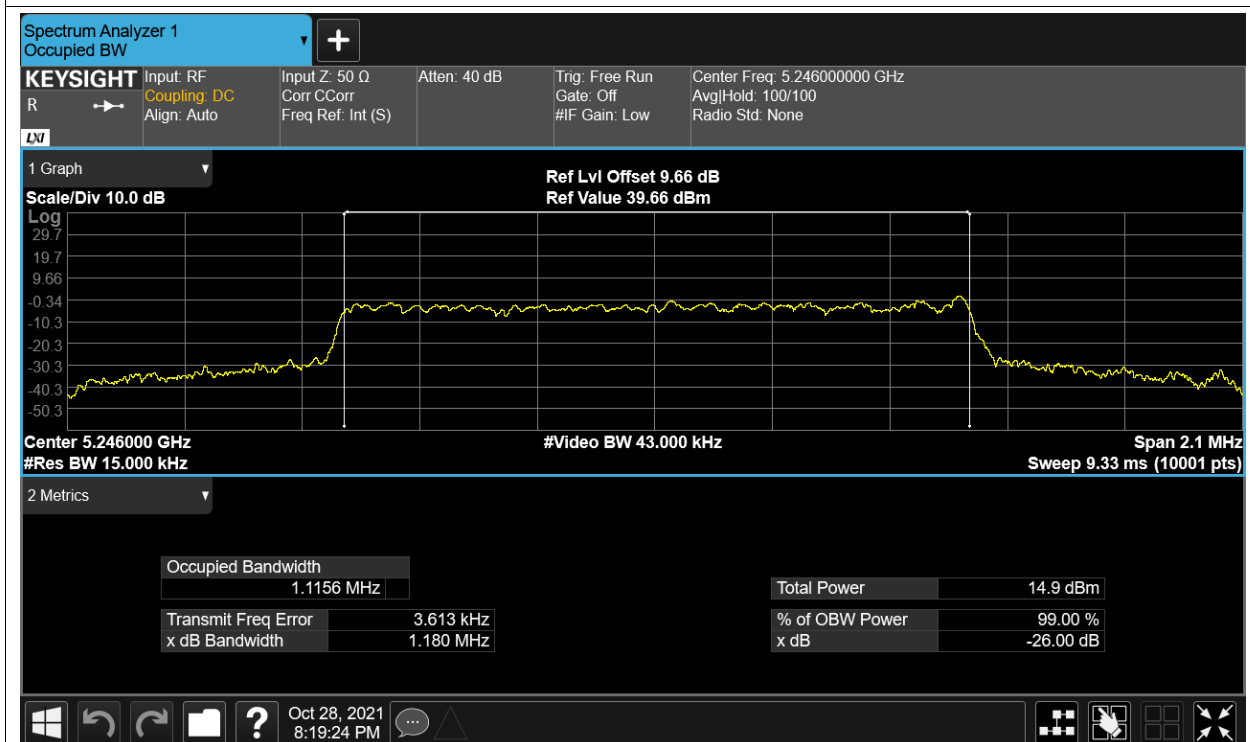
OBW NVNT 5.2G-1.4M-16QAM 5201MHz Ant2



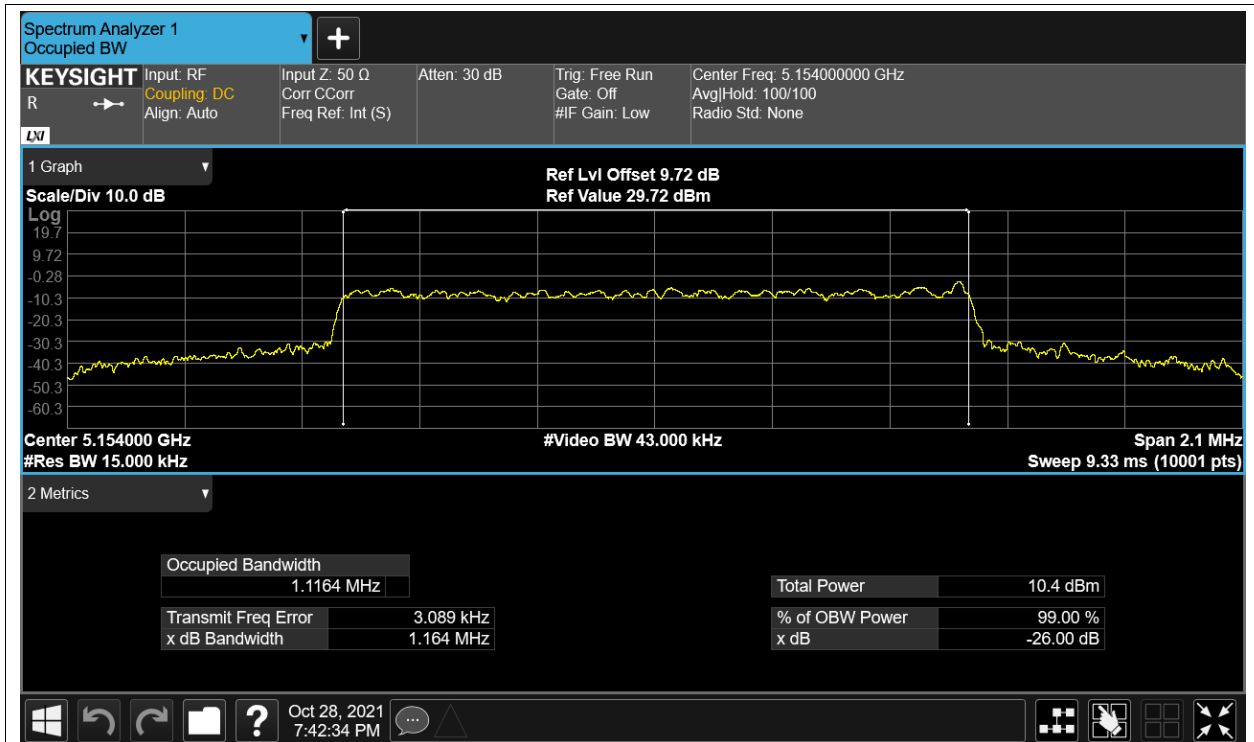
OBW NVNT 5.2G-1.4M-16QAM 5246MHz Ant1



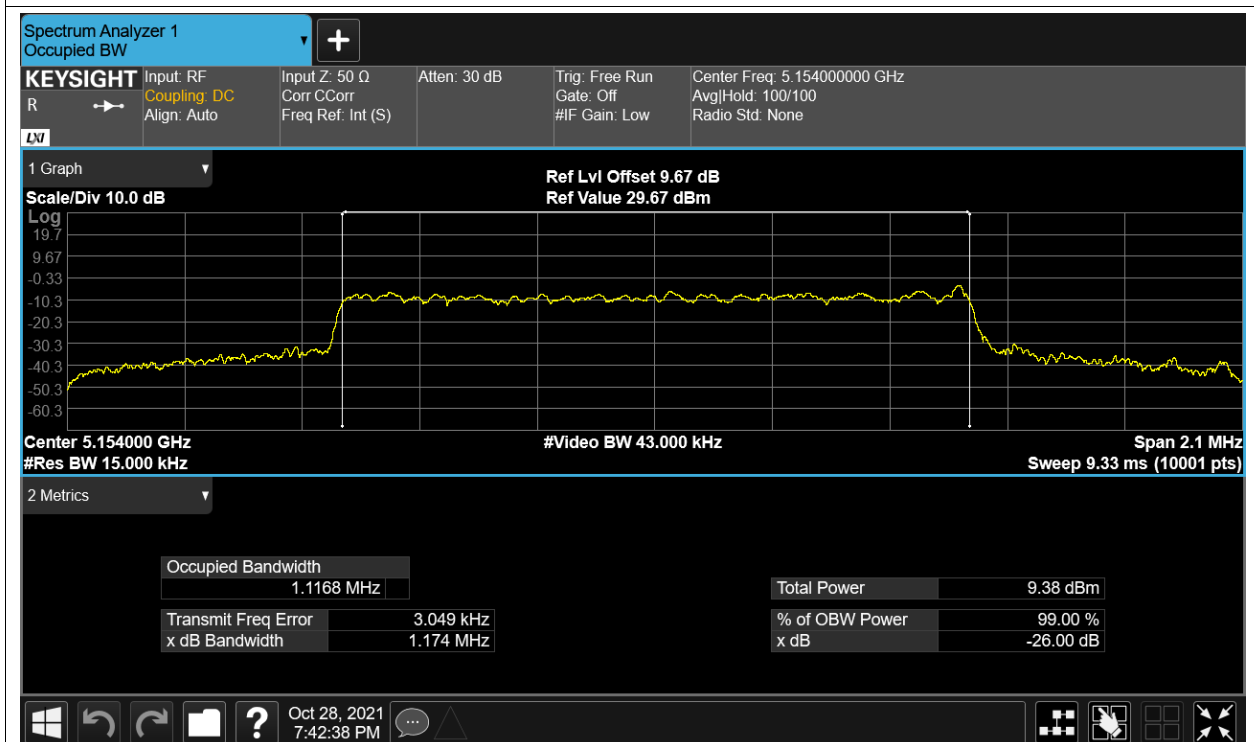
OBW NVNT 5.2G-1.4M-16QAM 5246MHz Ant2



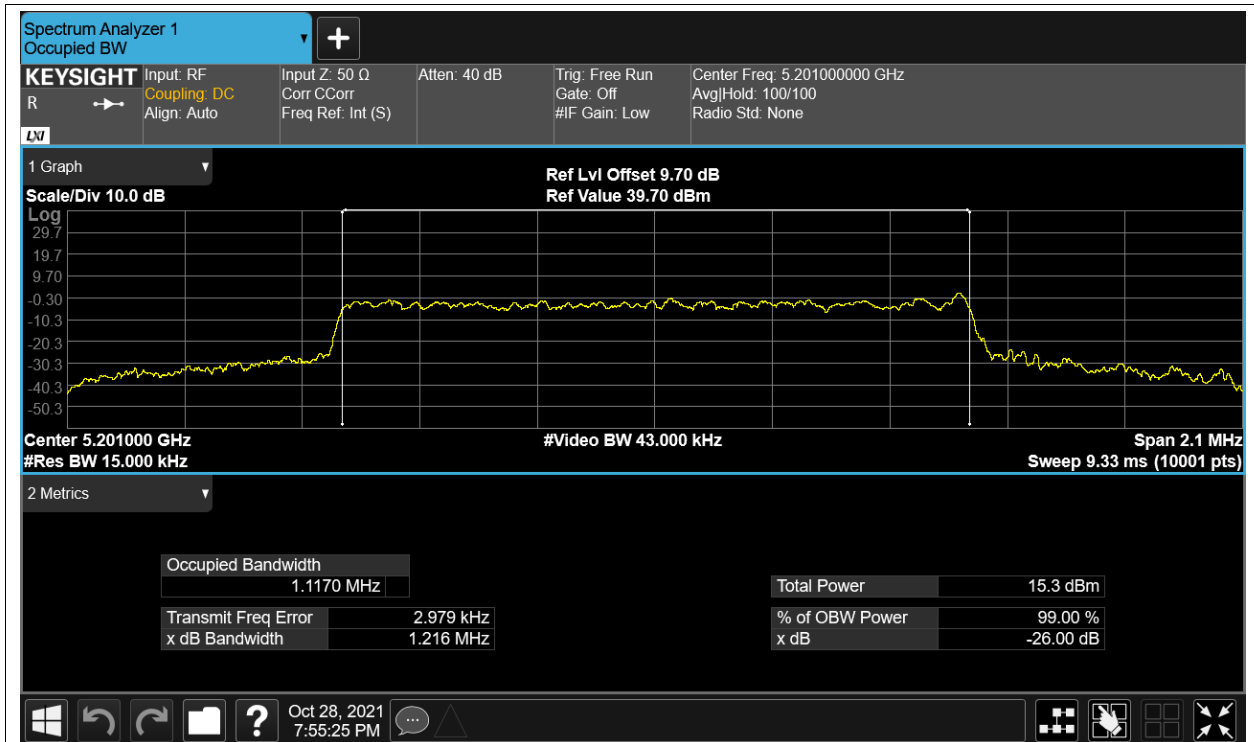
OBW NVNT 5.2G-1.4M-QPSK 5154MHz Ant1



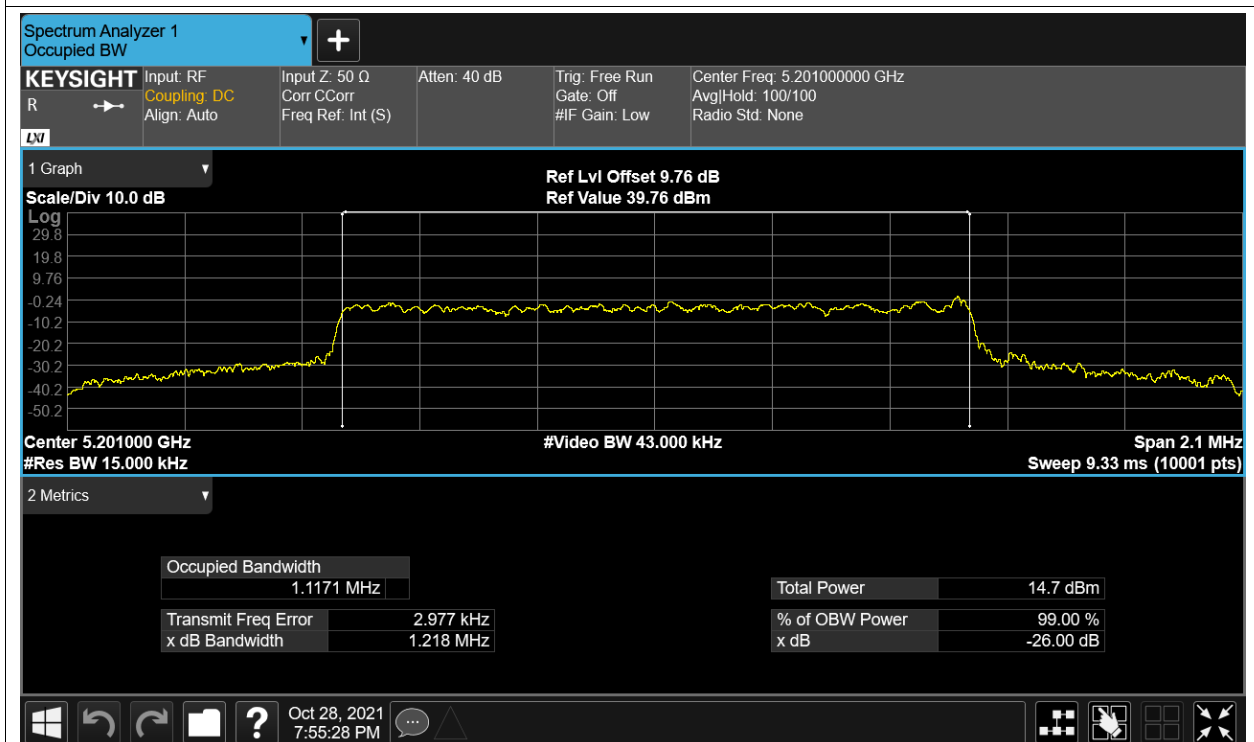
OBW NVNT 5.2G-1.4M-QPSK 5154MHz Ant2



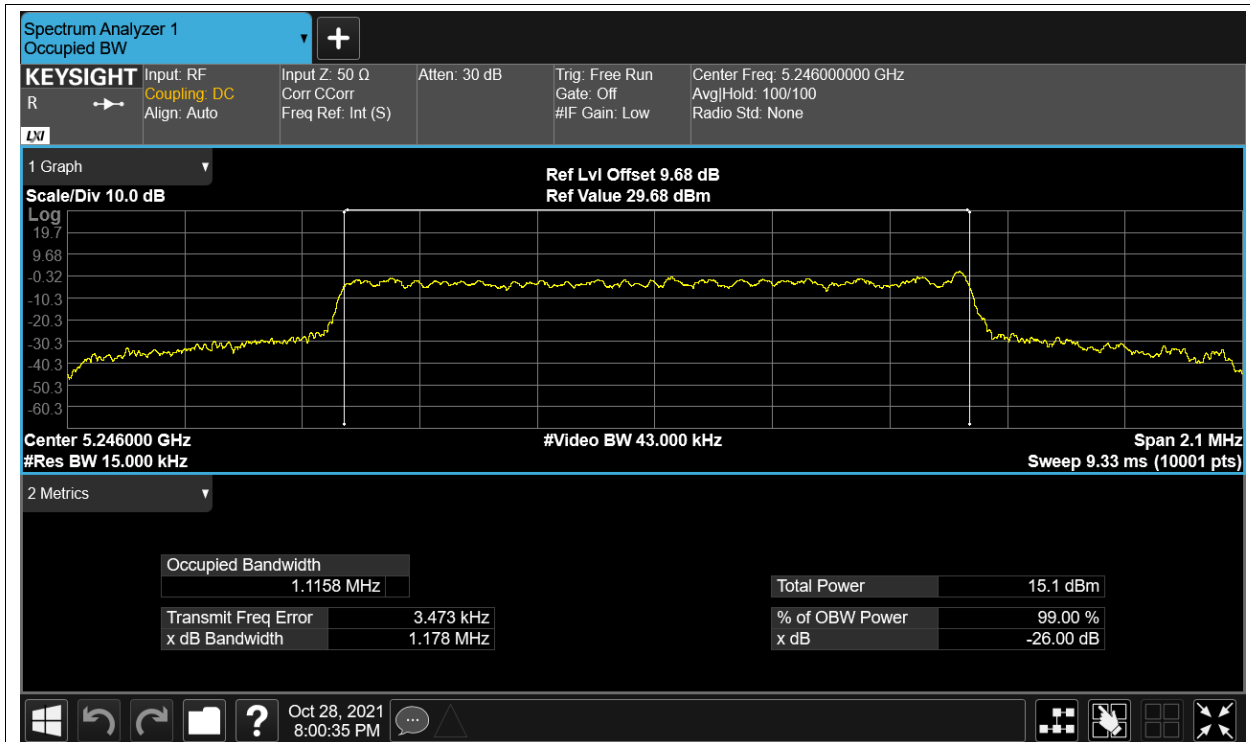
OBW NVNT 5.2G-1.4M-QPSK 5201MHz Ant1



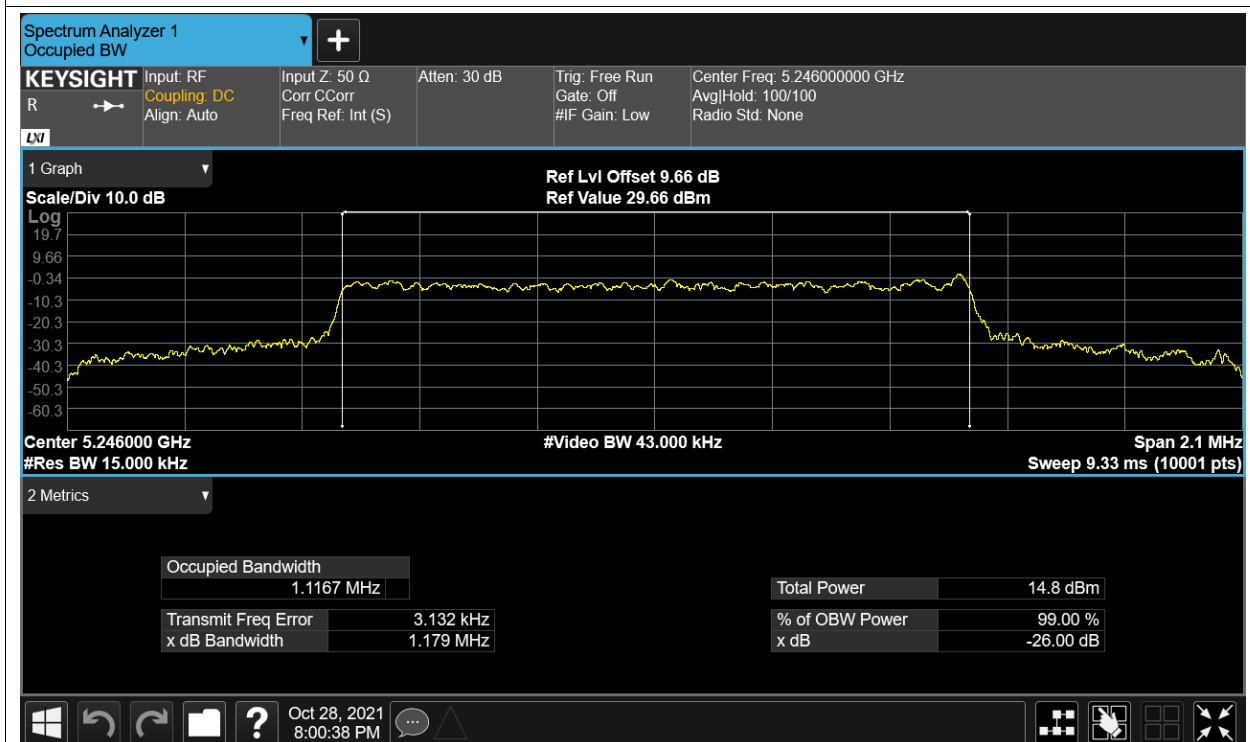
OBW NVNT 5.2G-1.4M-QPSK 5201MHz Ant2



OBW NVNT 5.2G-1.4M-QPSK 5246MHz Ant1



OBW NVNT 5.2G-1.4M-QPSK 5246MHz Ant2



OBW NVNT 5.2G-10M-16QAM 5157MHz Ant1