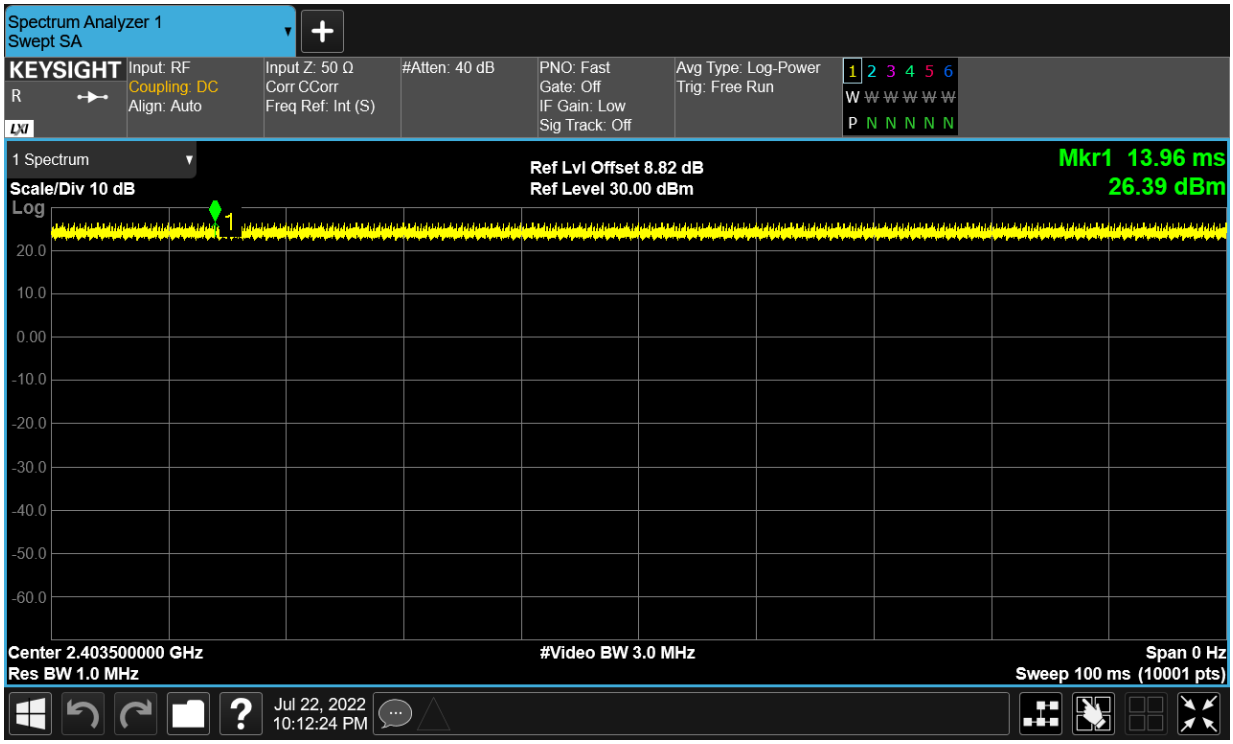
Test Data

Duty Cycle

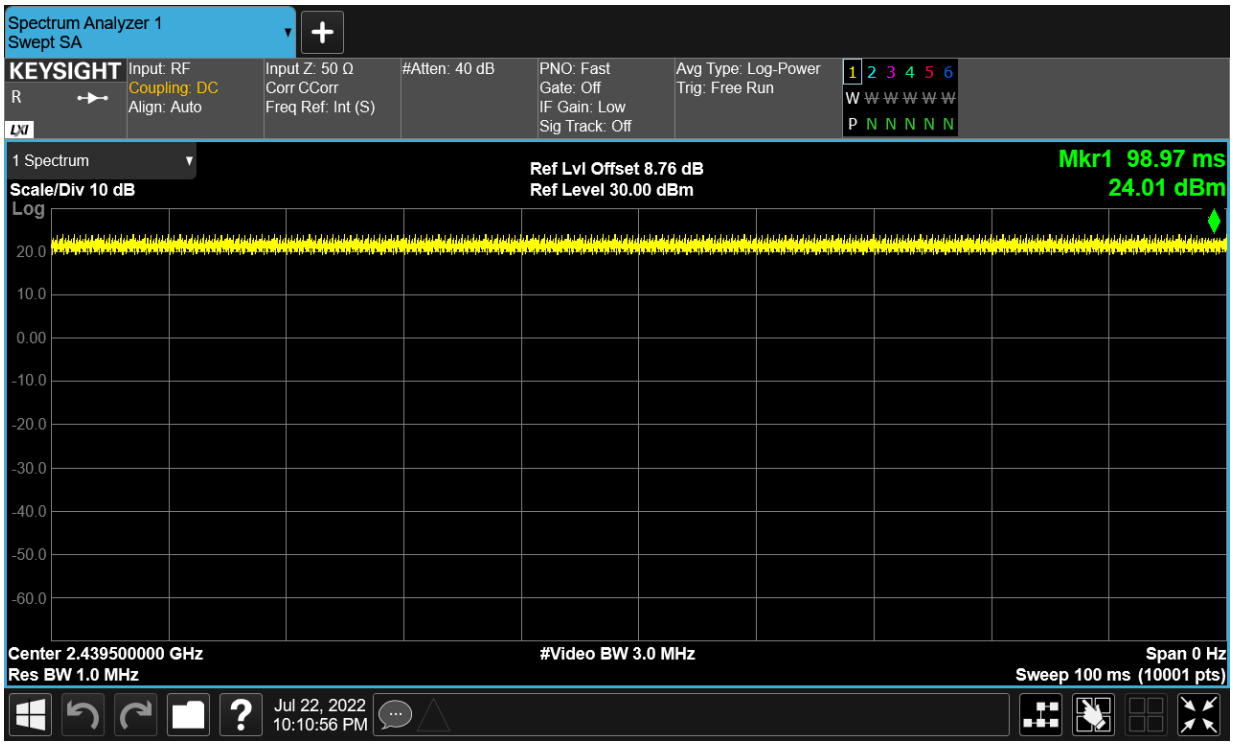
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	2.4G-1.4M-16QAM	2403.5	Sum	100	0
NVNT	2.4G-1.4M-16QAM	2439.5	Sum	100	0
NVNT	2.4G-1.4M-16QAM	2475.5	Sum	100	0
NVNT	2.4G-1.4M-QPSK	2403.5	Sum	100	0
NVNT	2.4G-1.4M-QPSK	2439.5	Sum	100	0
NVNT	2.4G-1.4M-QPSK	2475.5	Sum	100	0
NVNT	2.4G-10M-16QAM	2407.5	Sum	100	0
NVNT	2.4G-10M-16QAM	2439.5	Sum	100	0
NVNT	2.4G-10M-16QAM	2471.5	Sum	100	0
NVNT	2.4G-10M-QPSK	2407.5	Sum	100	0
NVNT	2.4G-10M-QPSK	2439.5	Sum	100	0
NVNT	2.4G-10M-QPSK	2471.5	Sum	100	0
NVNT	2.4G-20M-16QAM	2412.5	Sum	100	0
NVNT	2.4G-20M-16QAM	2437.5	Sum	100	0
NVNT	2.4G-20M-16QAM	2462.5	Sum	100	0
NVNT	2.4G-20M-QPSK	2412.5	Sum	100	0
NVNT	2.4G-20M-QPSK	2437.5	Sum	100	0
NVNT	2.4G-20M-QPSK	2462.5	Sum	100	0

Test Graphs

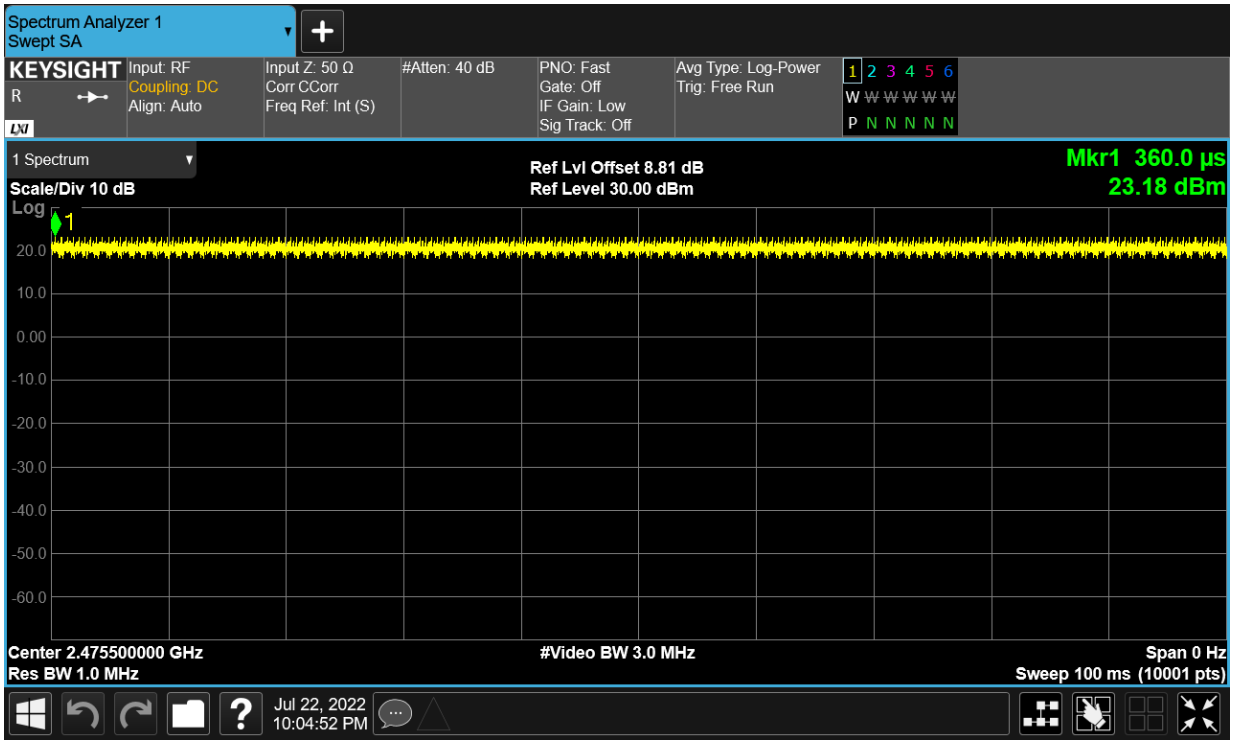
Duty Cycle NVNT 2.4G-1.4M-16QAM 2403.5MHz Sum



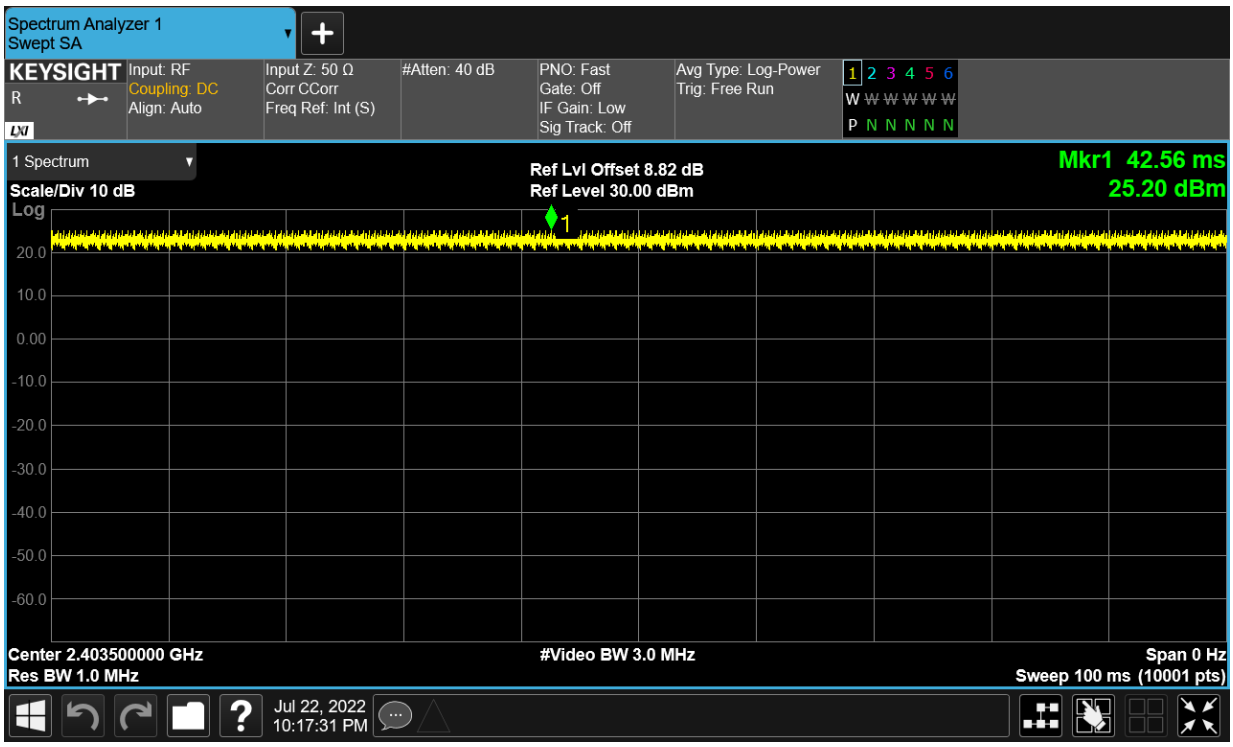
Duty Cycle NVNT 2.4G-1.4M-16QAM 2439.5MHz Sum



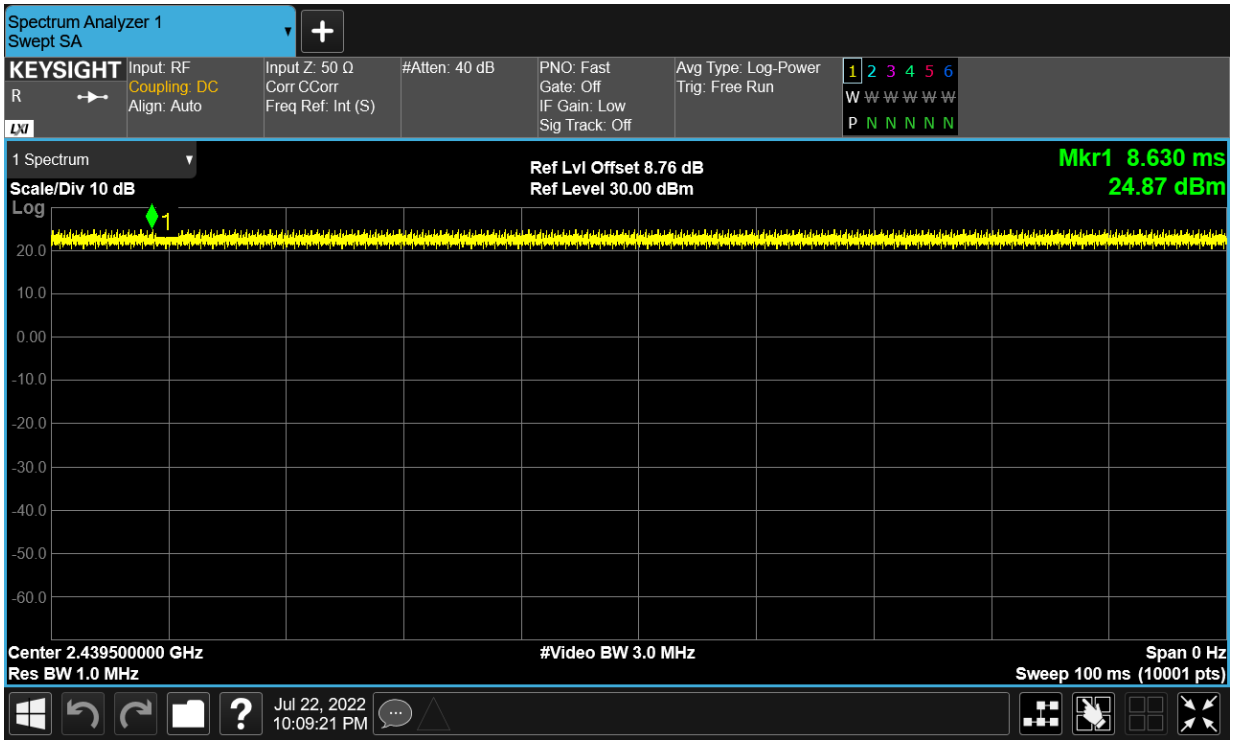
Duty Cycle NVNT 2.4G-1.4M-16QAM 2475.5MHz Sum



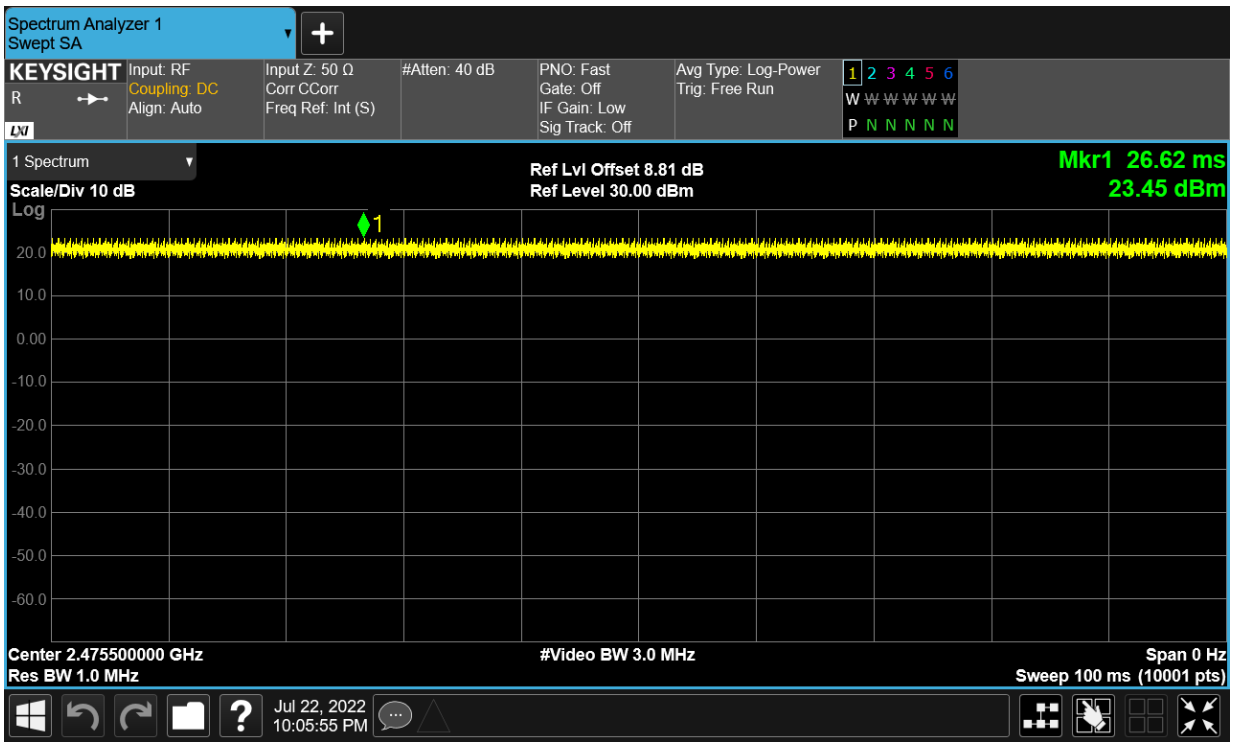
Duty Cycle NVNT 2.4G-1.4M-QPSK 2403.5MHz Sum



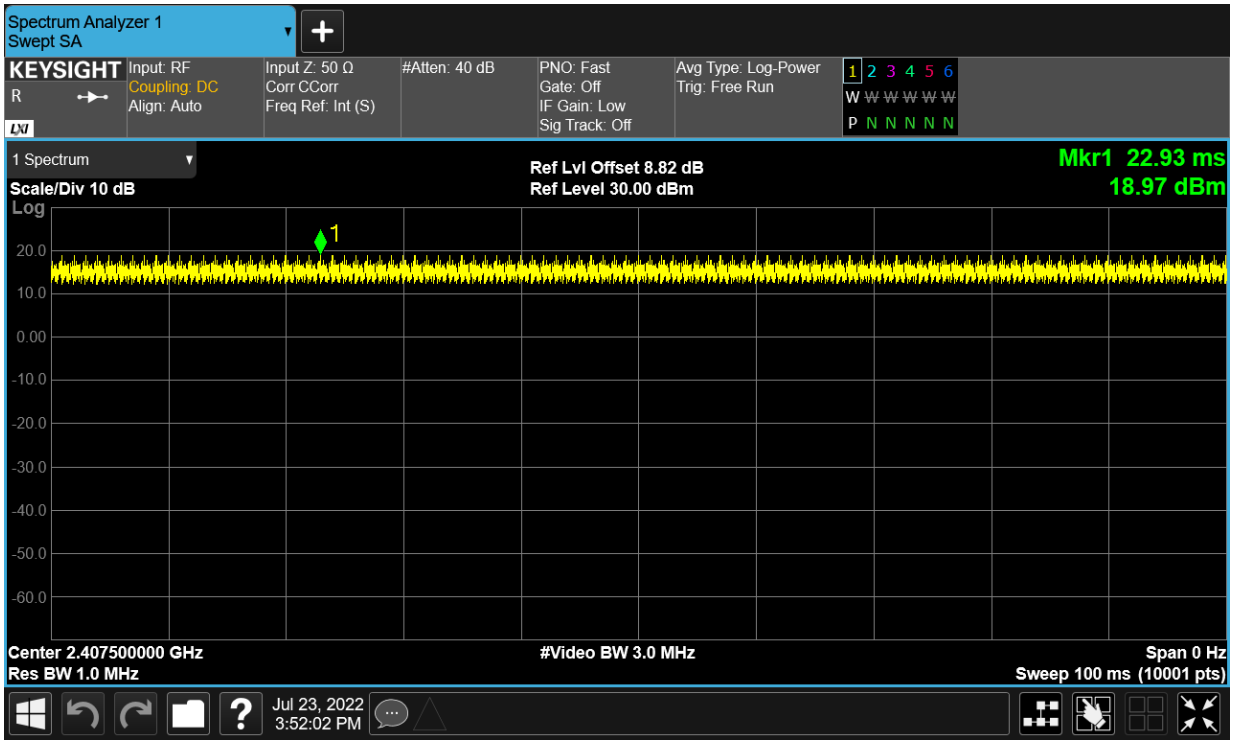
Duty Cycle NVNT 2.4G-1.4M-QPSK 2439.5MHz Sum



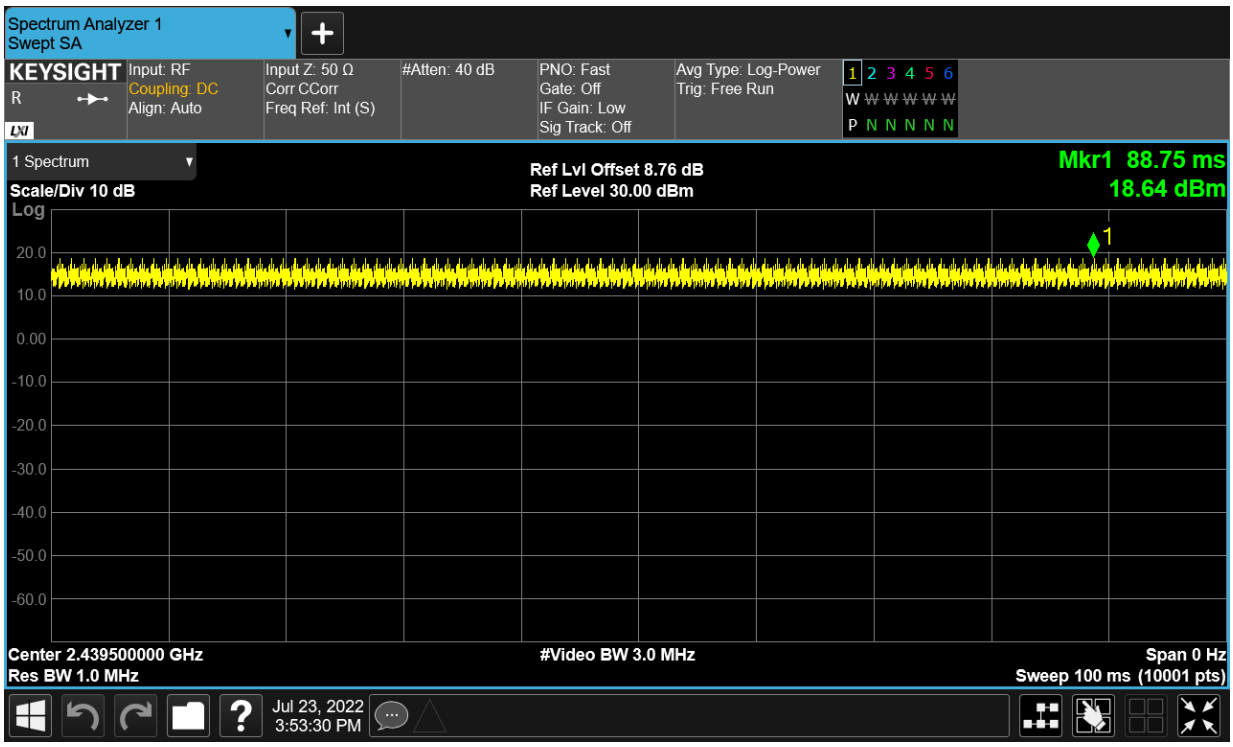
Duty Cycle NVNT 2.4G-1.4M-QPSK 2475.5MHz Sum



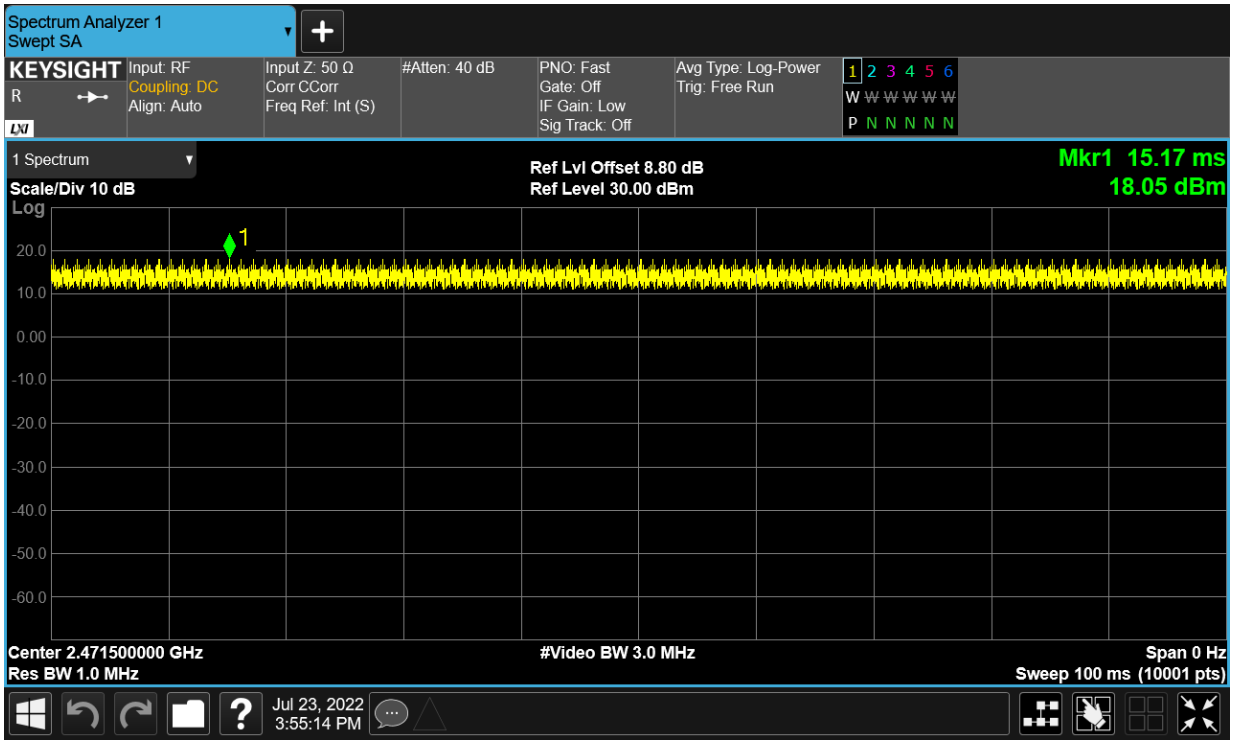
Duty Cycle NVNT 2.4G-10M-16QAM 2407.5MHz Sum



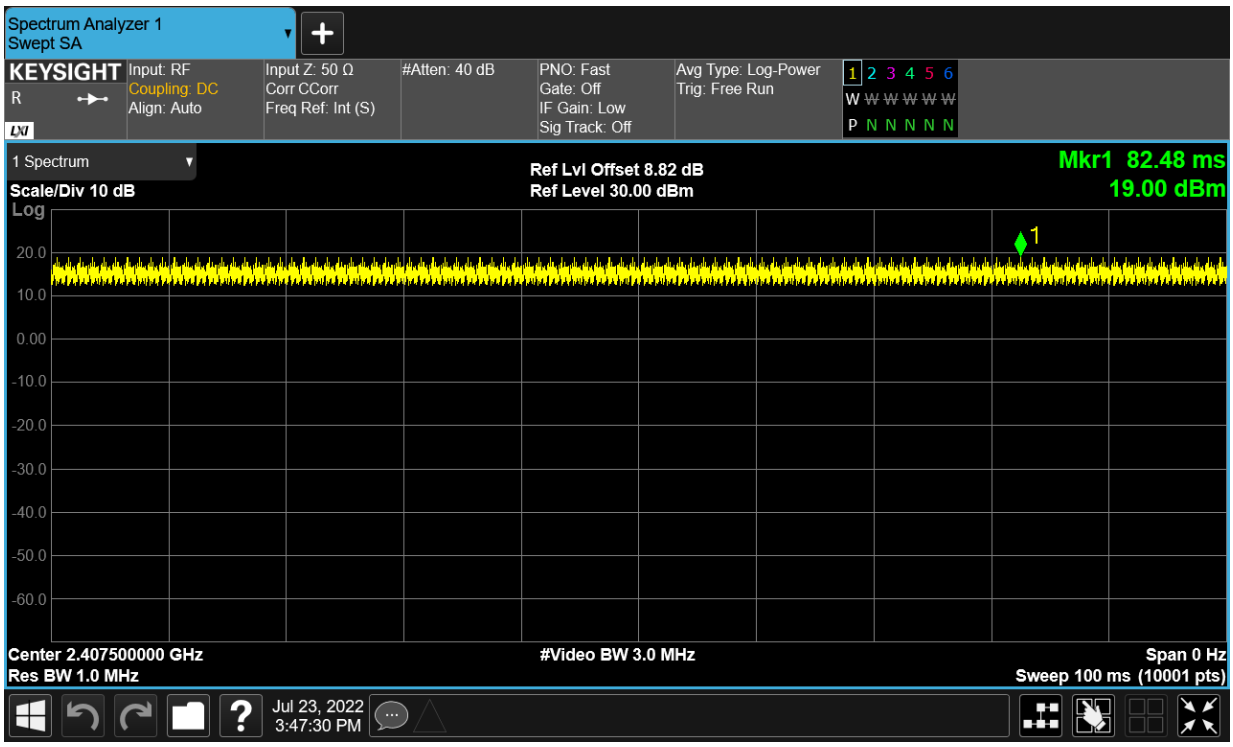
Duty Cycle NVNT 2.4G-10M-16QAM 2439.5MHz Sum



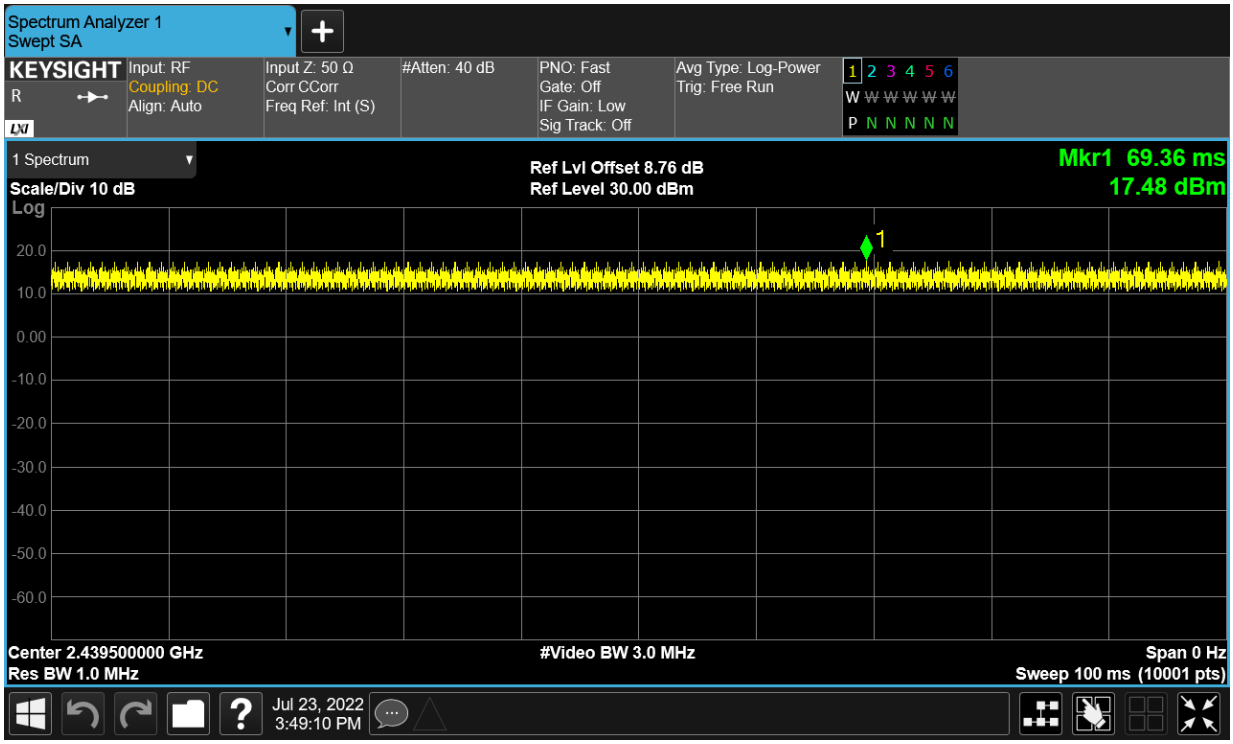
Duty Cycle NVNT 2.4G-10M-16QAM 2471.5MHz Sum



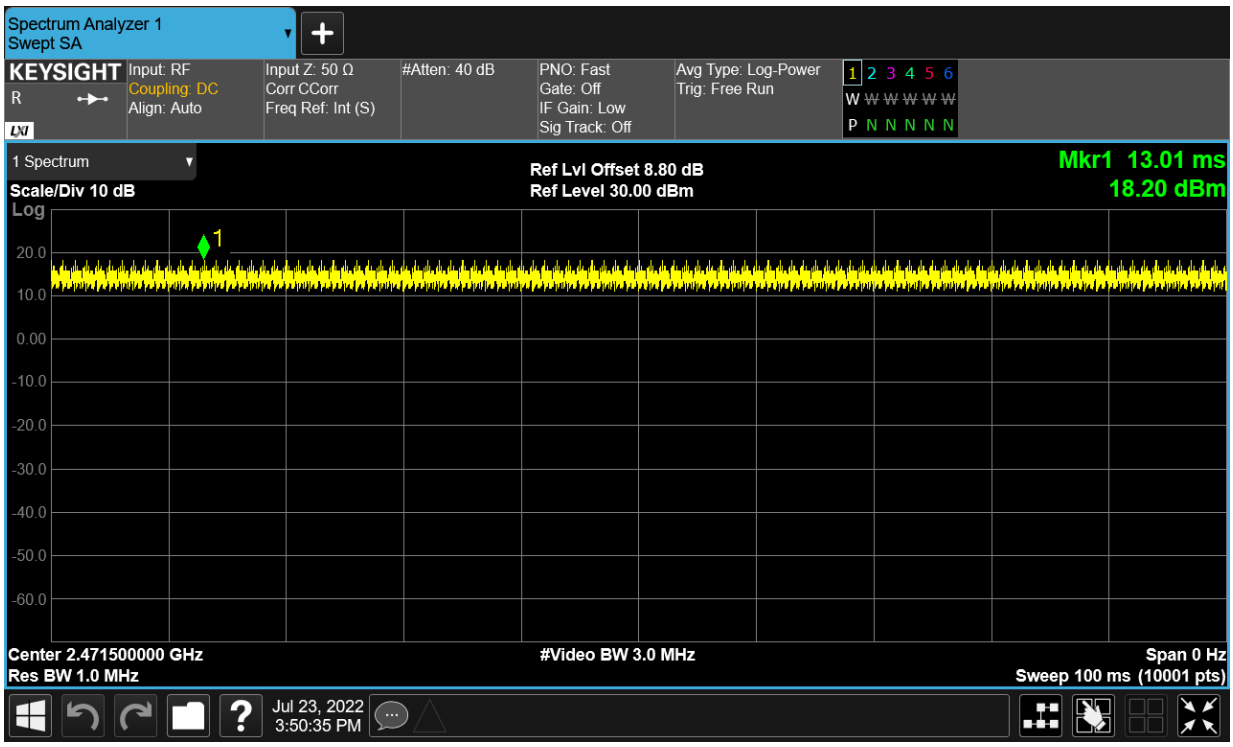
Duty Cycle NVNT 2.4G-10M-QPSK 2407.5MHz Sum



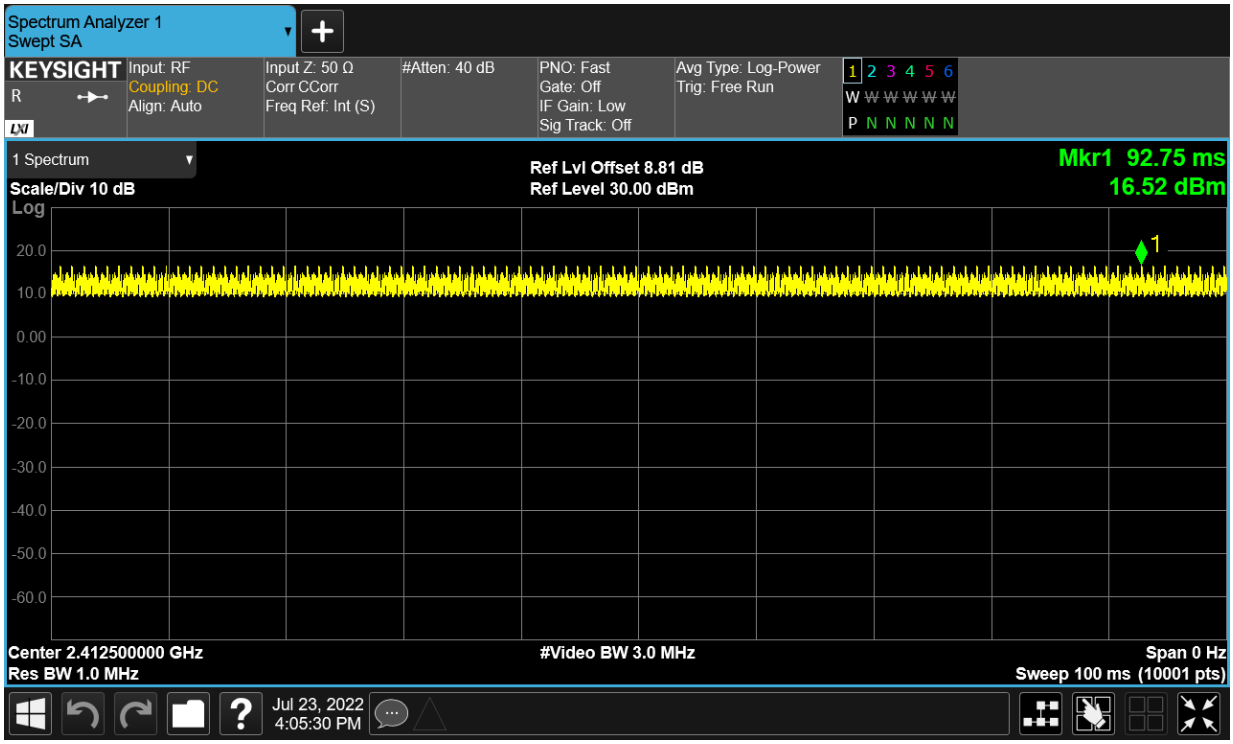
Duty Cycle NVNT 2.4G-10M-QPSK 2439.5MHz Sum



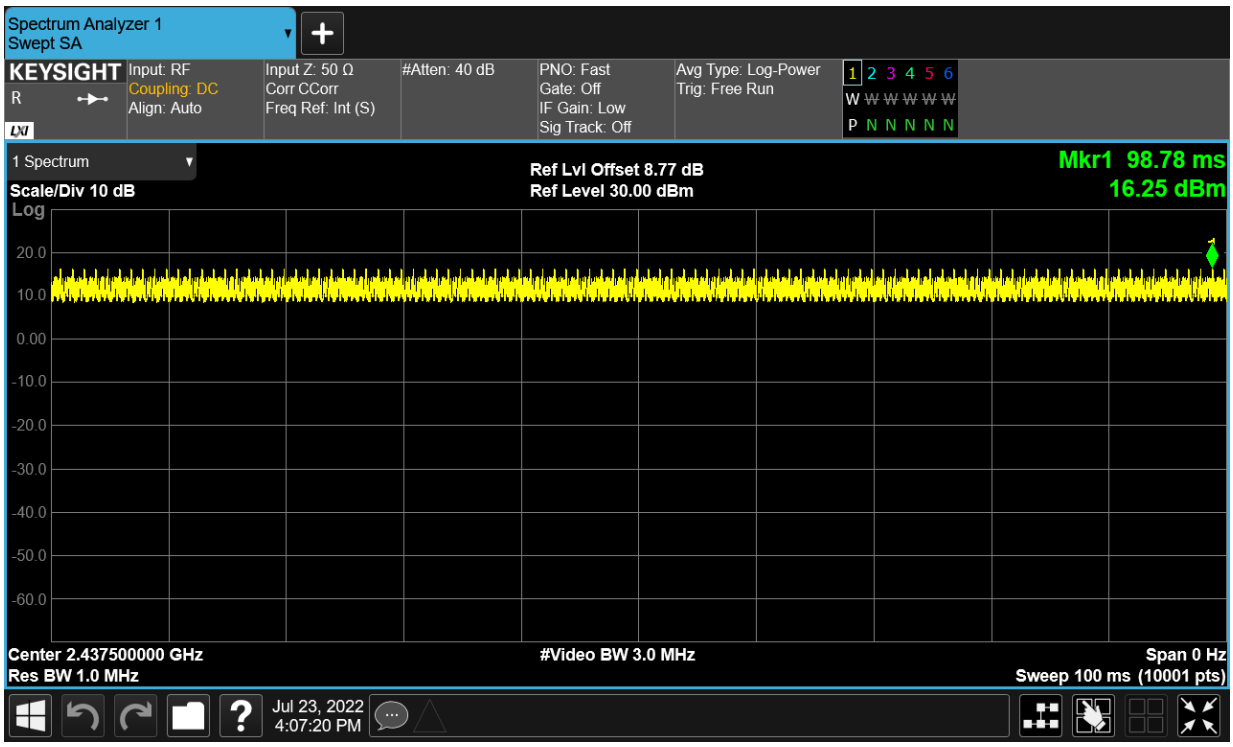
Duty Cycle NVNT 2.4G-10M-QPSK 2471.5MHz Sum



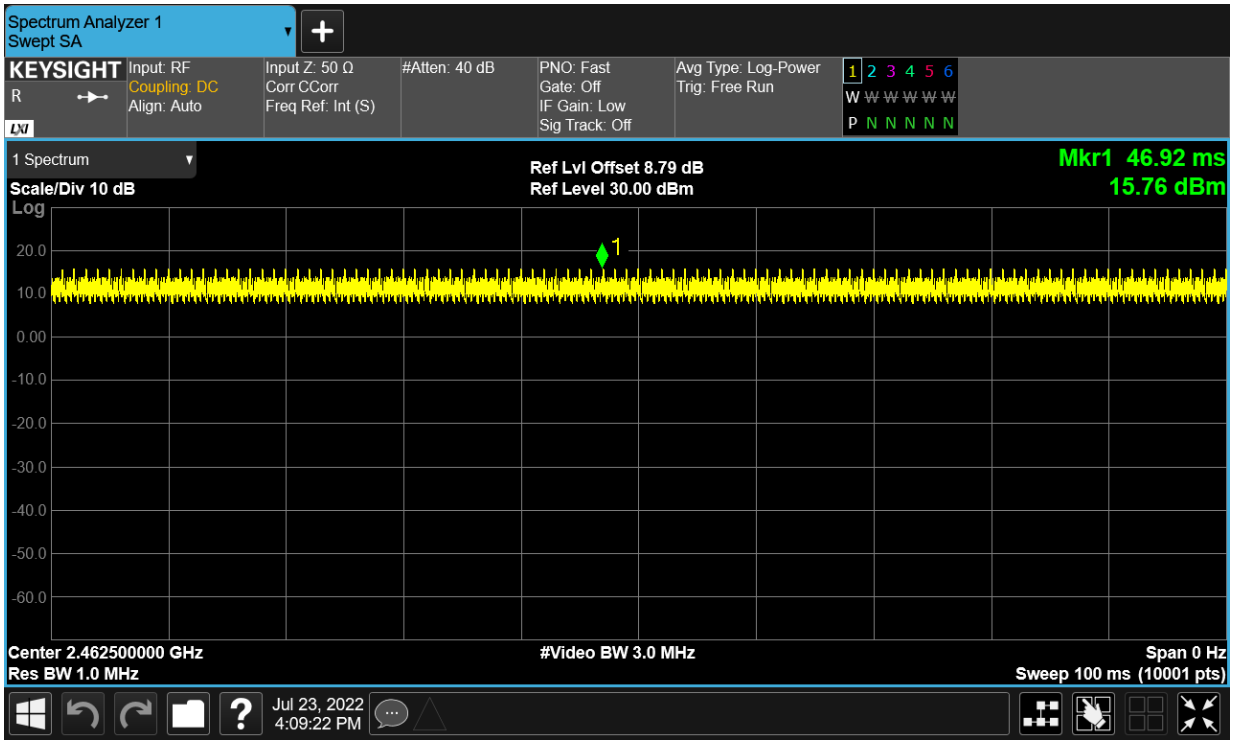
Duty Cycle NVNT 2.4G-20M-16QAM 2412.5MHz Sum



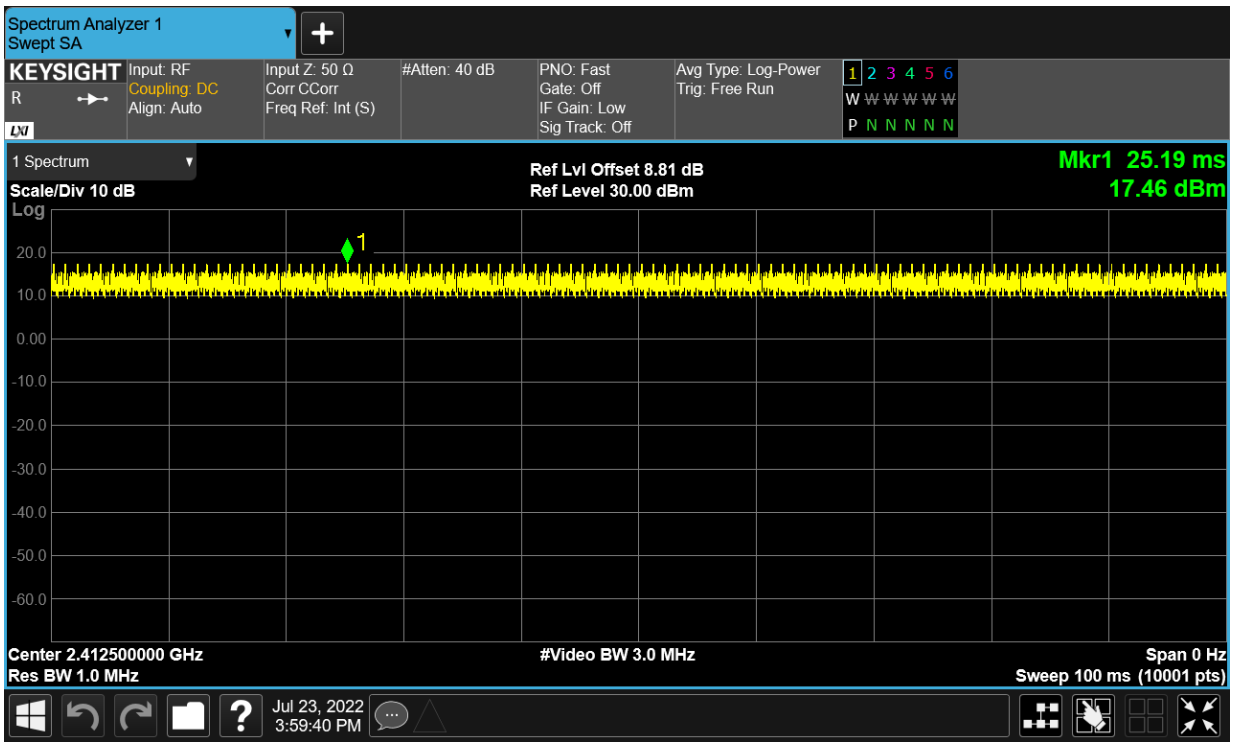
Duty Cycle NVNT 2.4G-20M-16QAM 2437.5MHz Sum



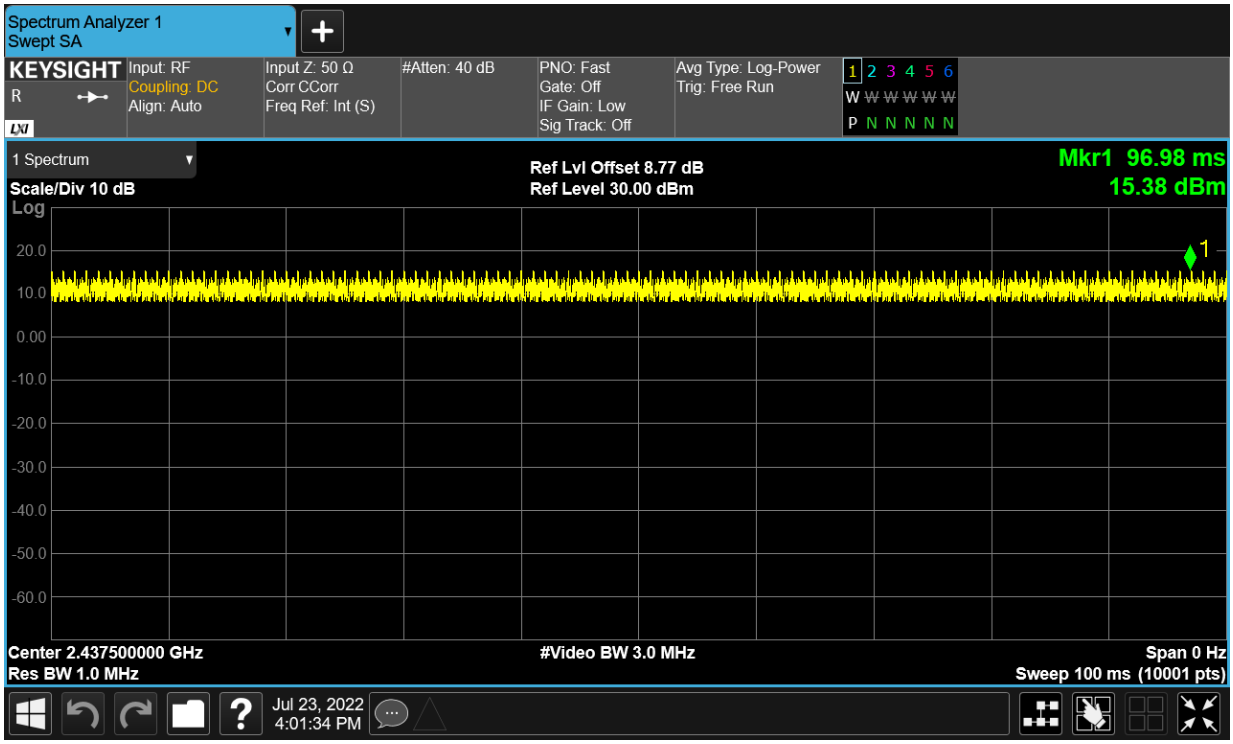
Duty Cycle NVNT 2.4G-20M-16QAM 2462.5MHz Sum



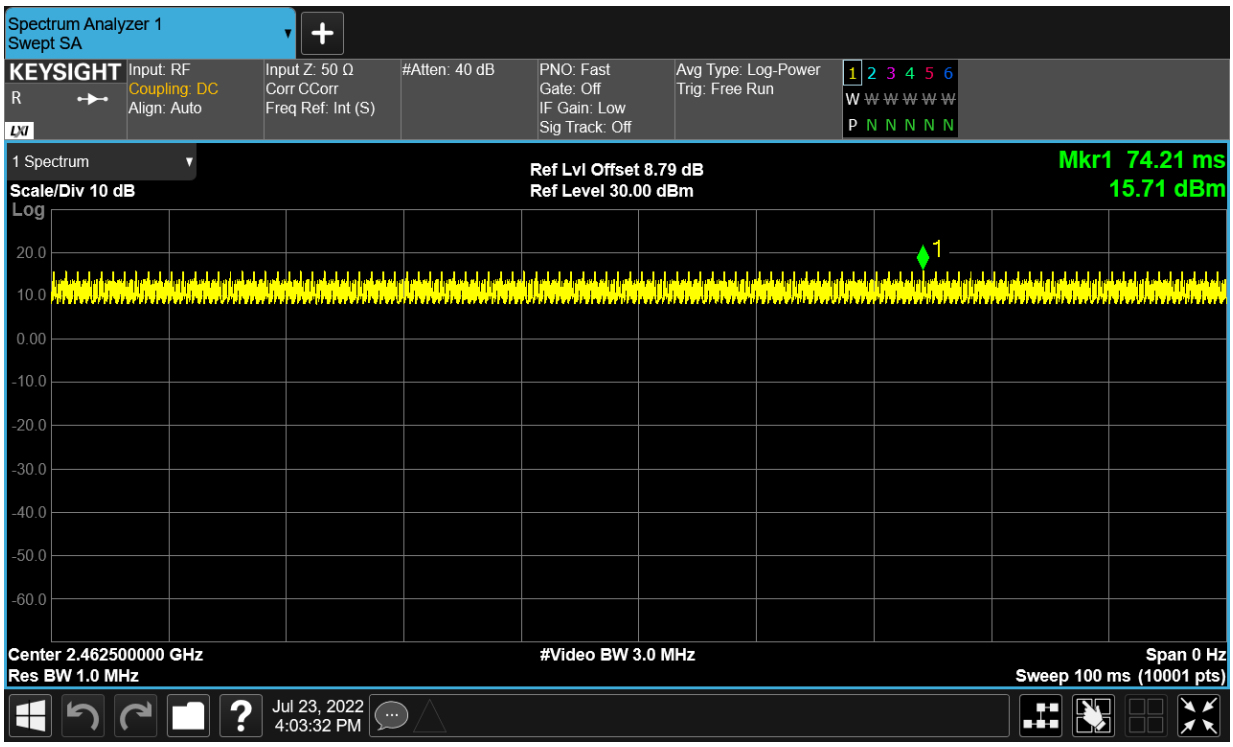
Duty Cycle NVNT 2.4G-20M-QPSK 2412.5MHz Sum



Duty Cycle NVNT 2.4G-20M-QPSK 2437.5MHz Sum



Duty Cycle NVNT 2.4G-20M-QPSK 2462.5MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	19.57	30	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	18.72	30	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Sum	22.176	30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	18.67	30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	20.08	30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Sum	22.442	30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	17.51	30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	18.8	30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Sum	21.213	30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	19.8	30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	18.96	30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Sum	22.411	30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	19.76	30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	19.08	30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Sum	22.444	30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	17.46	30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	18.75	30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Sum	21.163	30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant1	19.31	30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant2	19.08	30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Sum	22.207	30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant1	18.17	30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant2	18.37	30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Sum	21.281	30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant1	17.08	30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant2	17.2	30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Sum	20.151	30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant1	19.31	30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant2	19.08	30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Sum	22.207	30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant1	18.18	30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant2	18.15	30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Sum	21.175	30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant1	17.19	30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant2	17.32	30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Sum	20.266	30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant1	19.26	30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant2	19.04	30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Sum	22.162	30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant1	18.3	30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant2	18.47	30	Pass

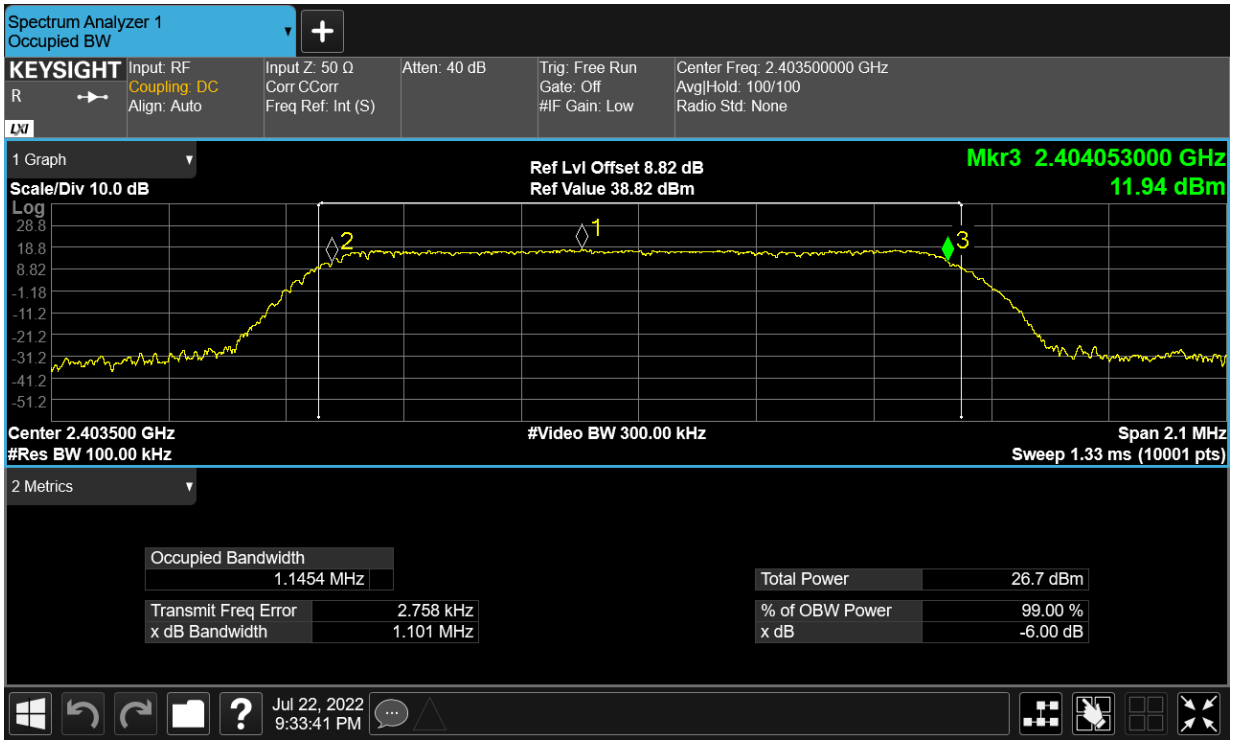
NVNT	2.4G-20M-16QAM	2437.5	Sum	21.396	30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant1	17.51	30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant2	17.51	30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Sum	20.52	30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	18.89	30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant2	18.18	30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Sum	21.56	30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant1	18.39	30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant2	18.45	30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Sum	21.43	30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant1	17.47	30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant2	17.49	30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Sum	20.49	30	Pass

-6dB Bandwidth

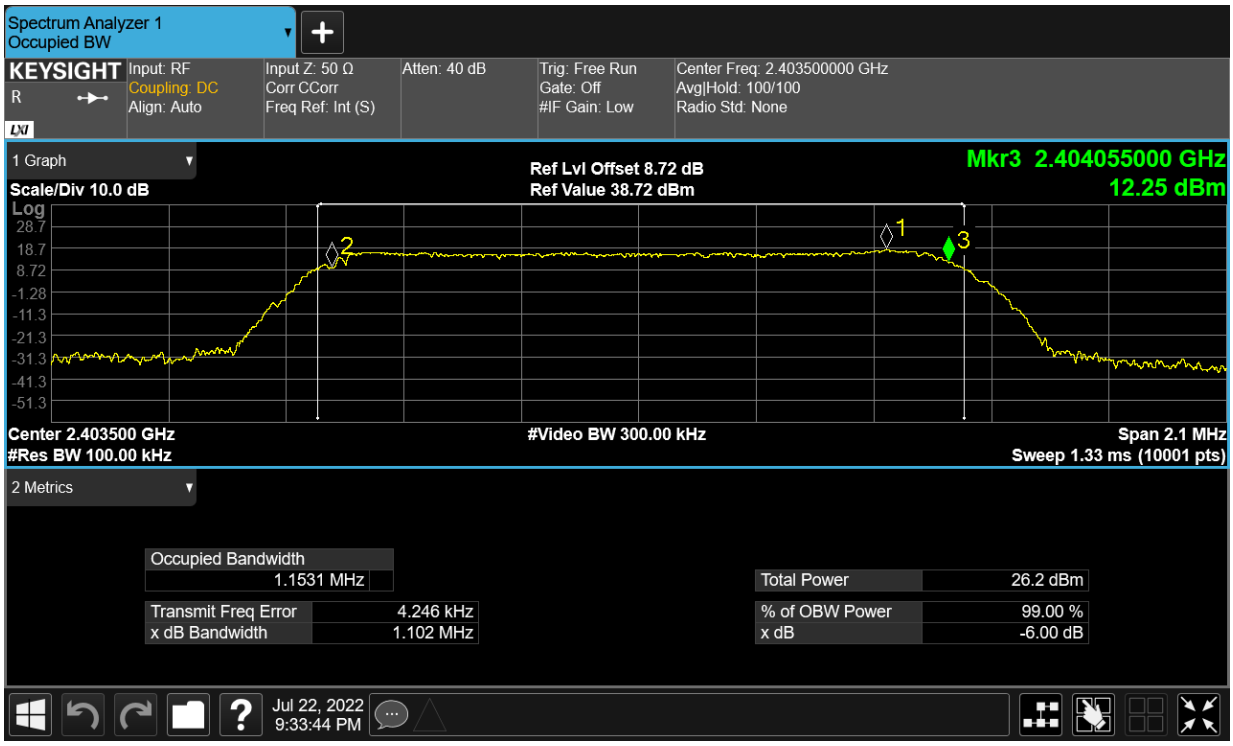
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	1.101	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	1.102	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	1.124	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	1.121	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	1.095	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	1.118	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	1.12	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	1.112	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	1.127	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	1.116	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	1.115	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	1.1	0.5	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant1	8.975	0.5	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant2	8.999	0.5	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant1	8.999	0.5	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant2	8.987	0.5	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant1	8.984	0.5	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant2	8.947	0.5	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant1	8.986	0.5	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant2	8.987	0.5	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant1	8.973	0.5	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant2	8.975	0.5	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant1	8.98	0.5	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant2	8.954	0.5	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant1	18.032	0.5	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant2	17.93	0.5	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant1	18.003	0.5	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant2	17.917	0.5	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant1	18.035	0.5	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant2	17.991	0.5	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	17.988	0.5	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant2	17.944	0.5	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant1	17.964	0.5	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant2	18.016	0.5	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant1	17.98	0.5	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant2	17.983	0.5	Pass

Test Graphs

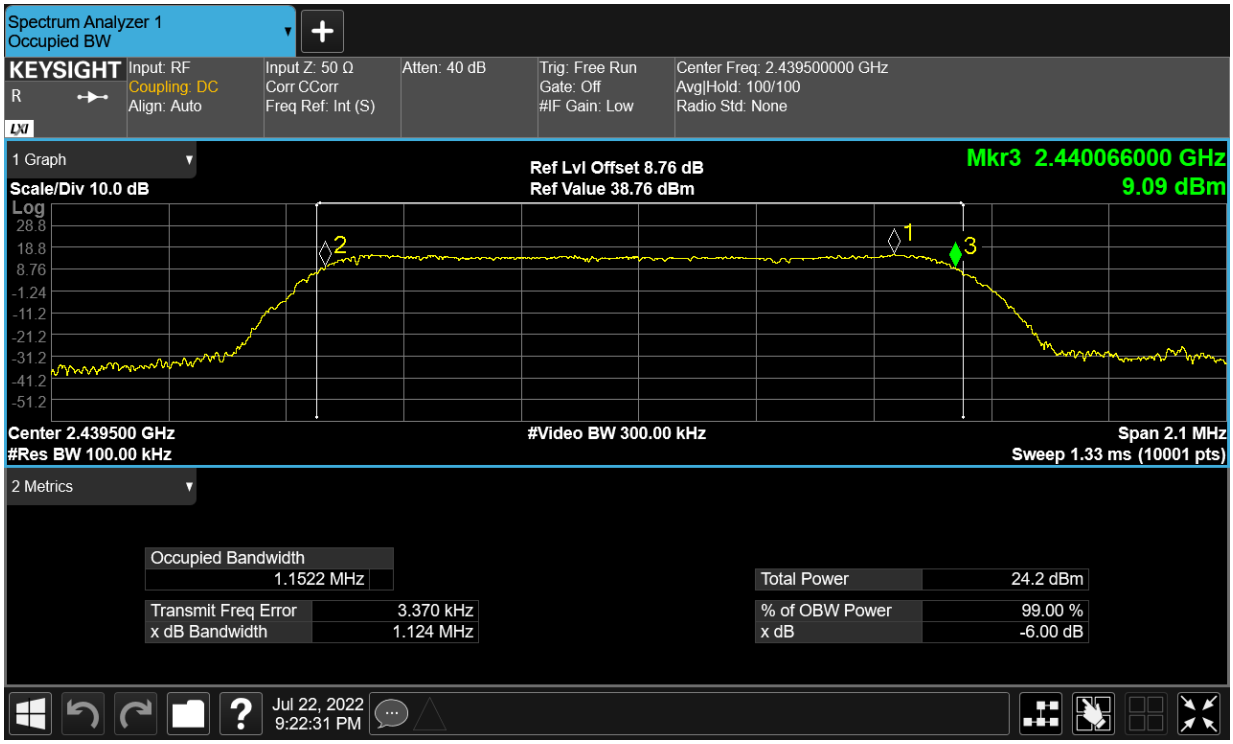
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant1



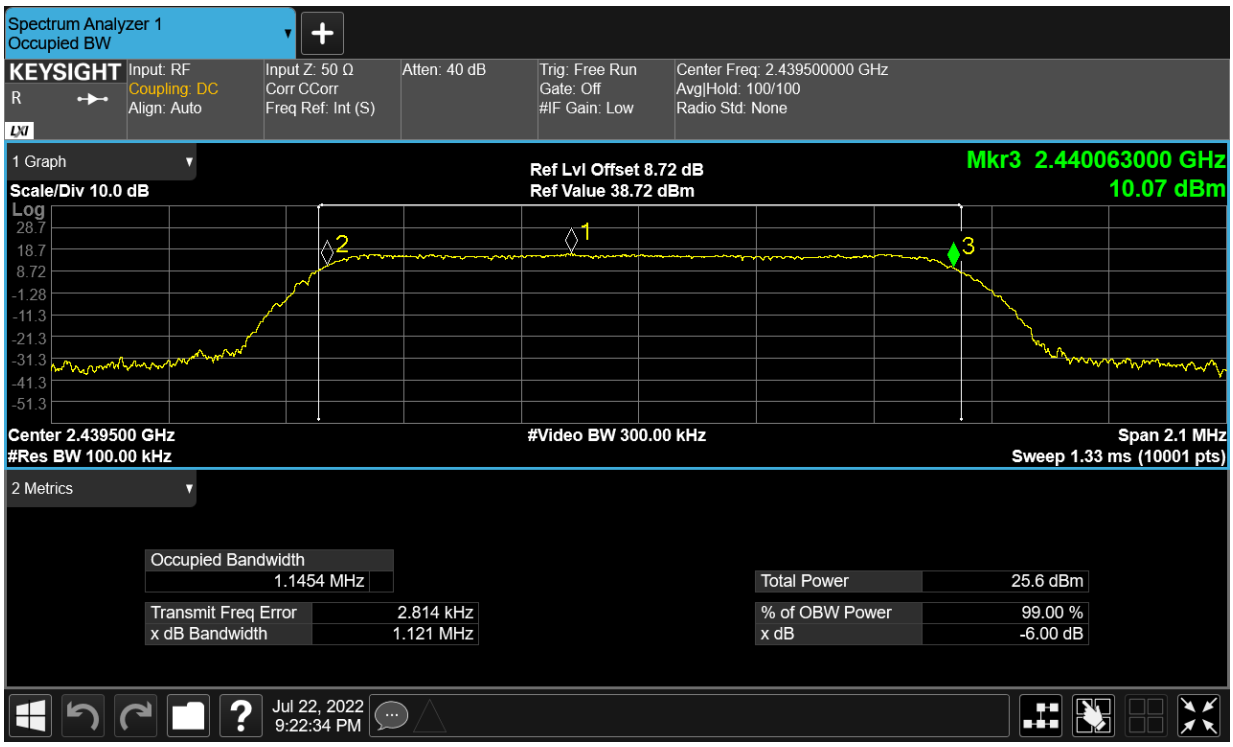
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant2



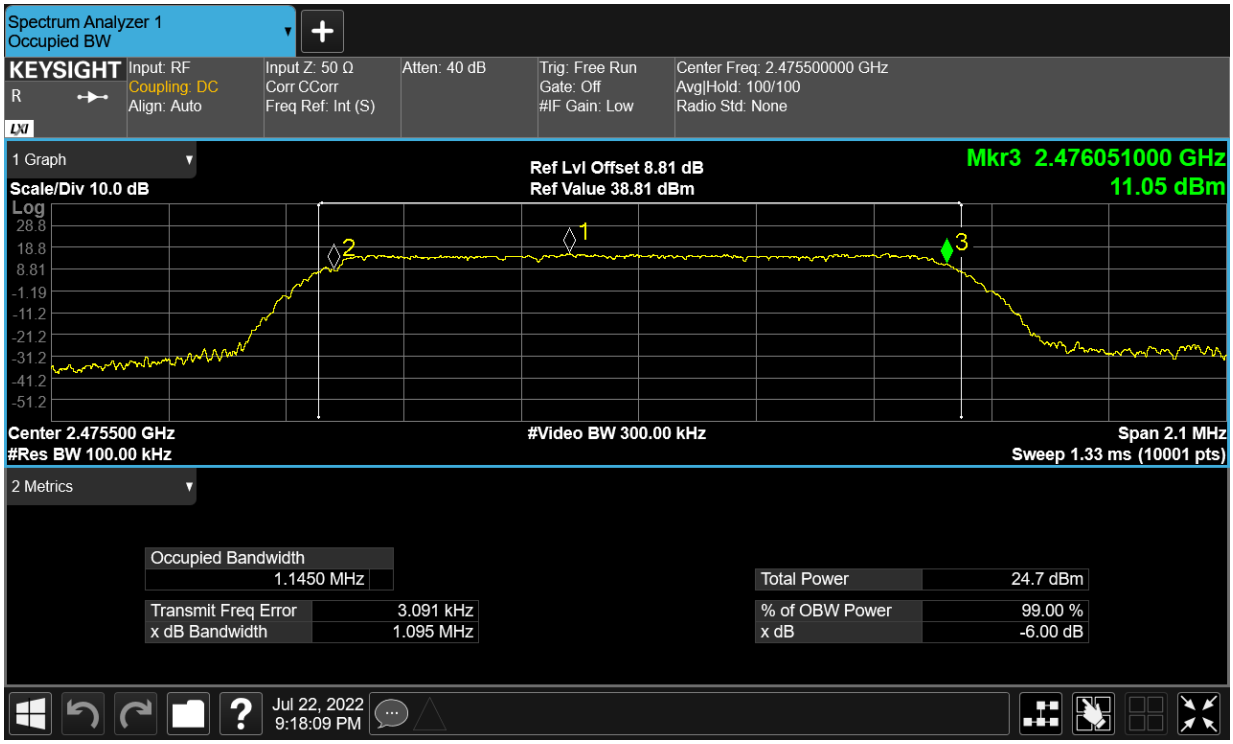
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant1



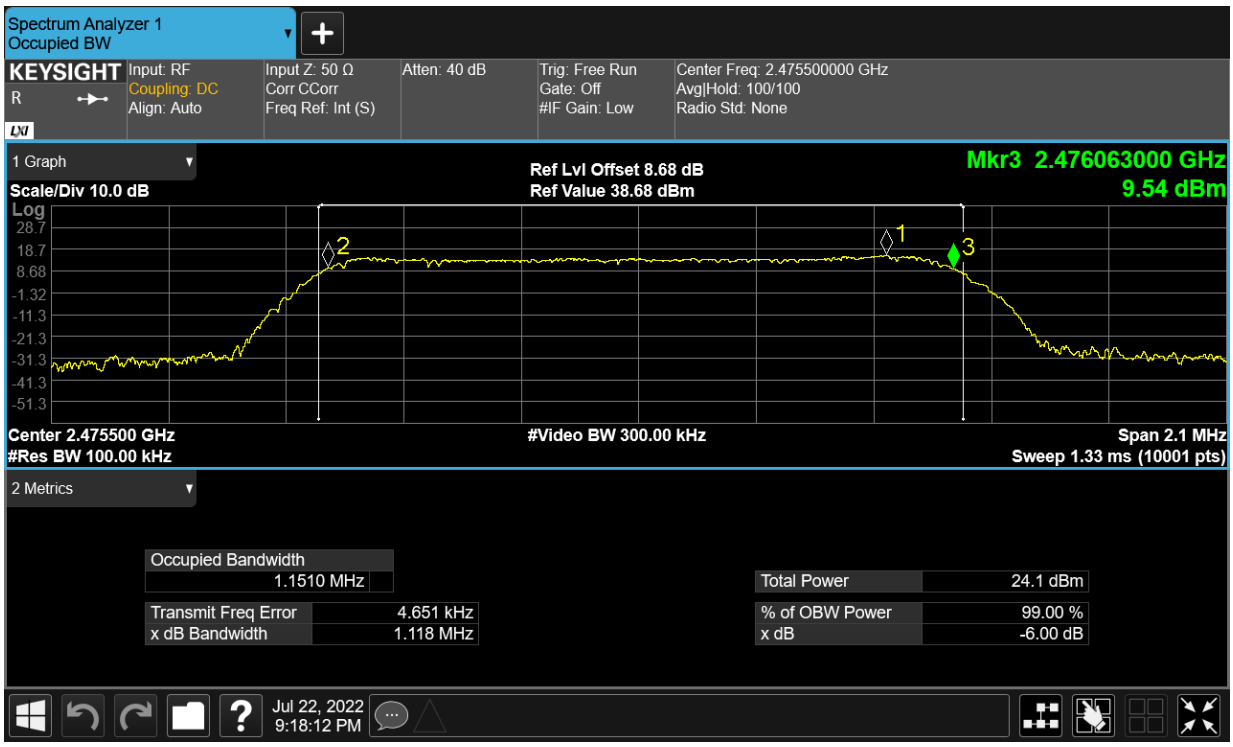
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant2



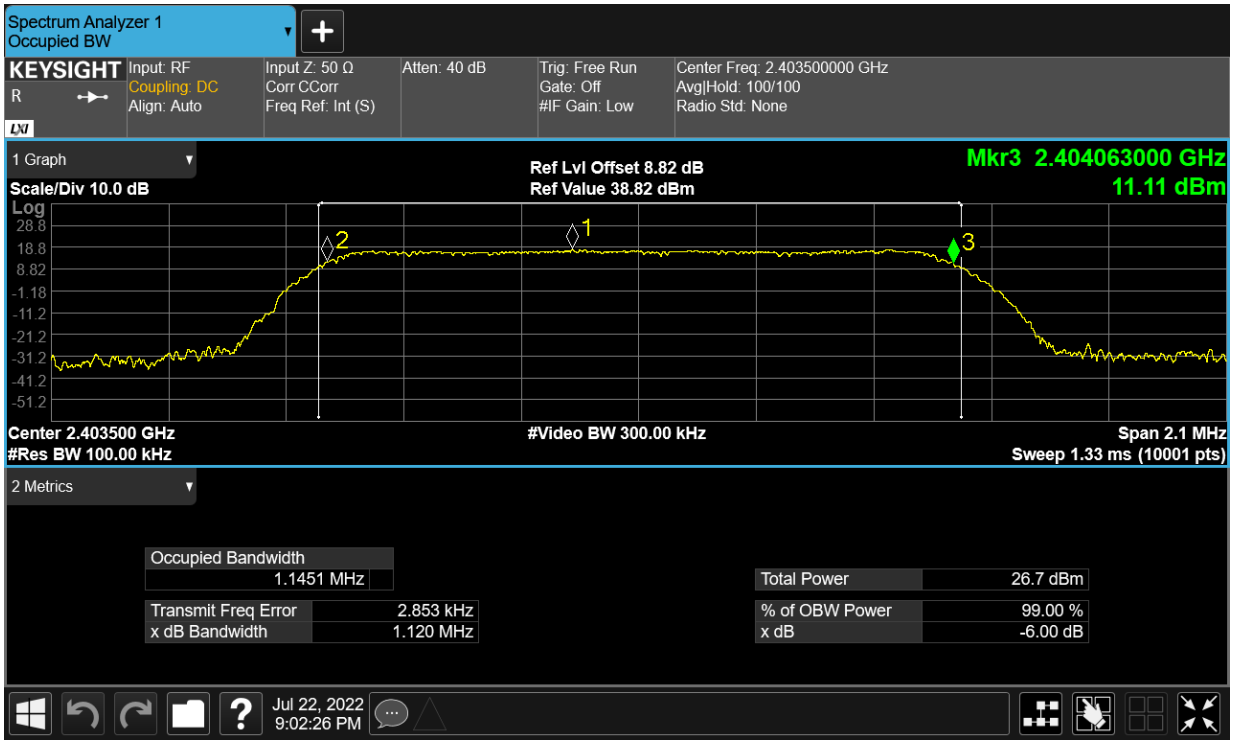
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant1



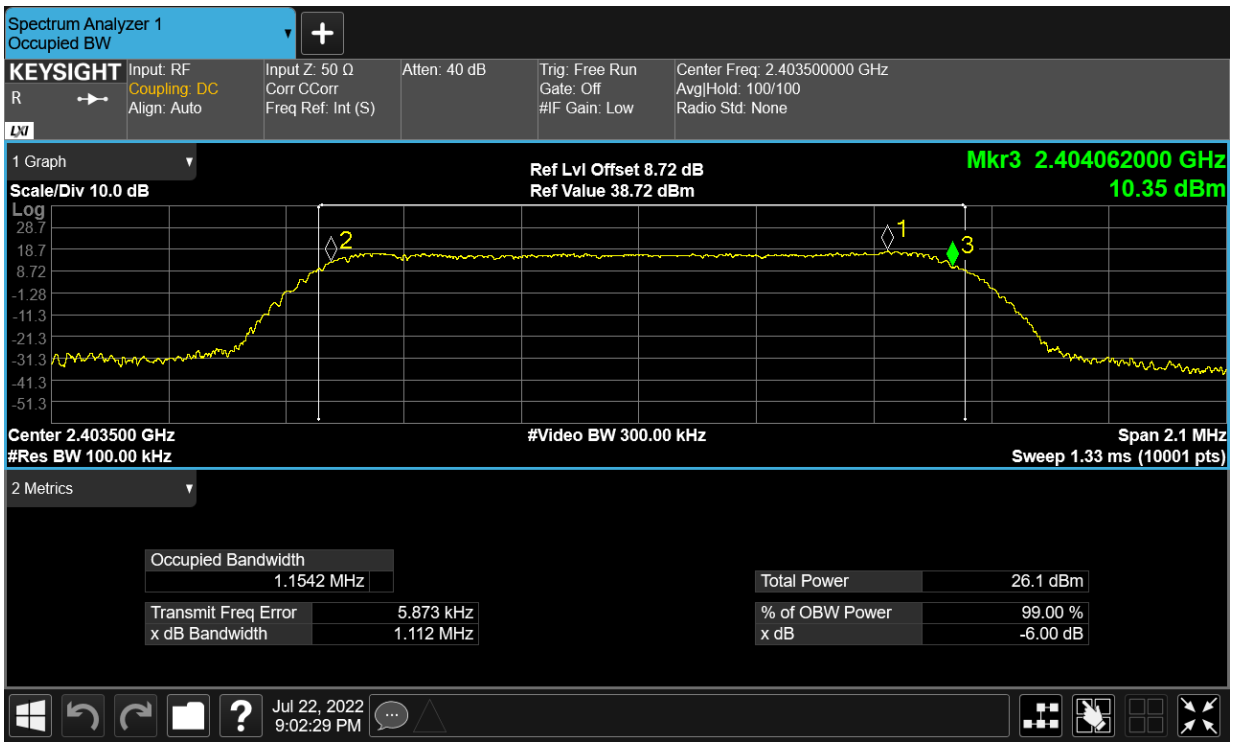
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant2



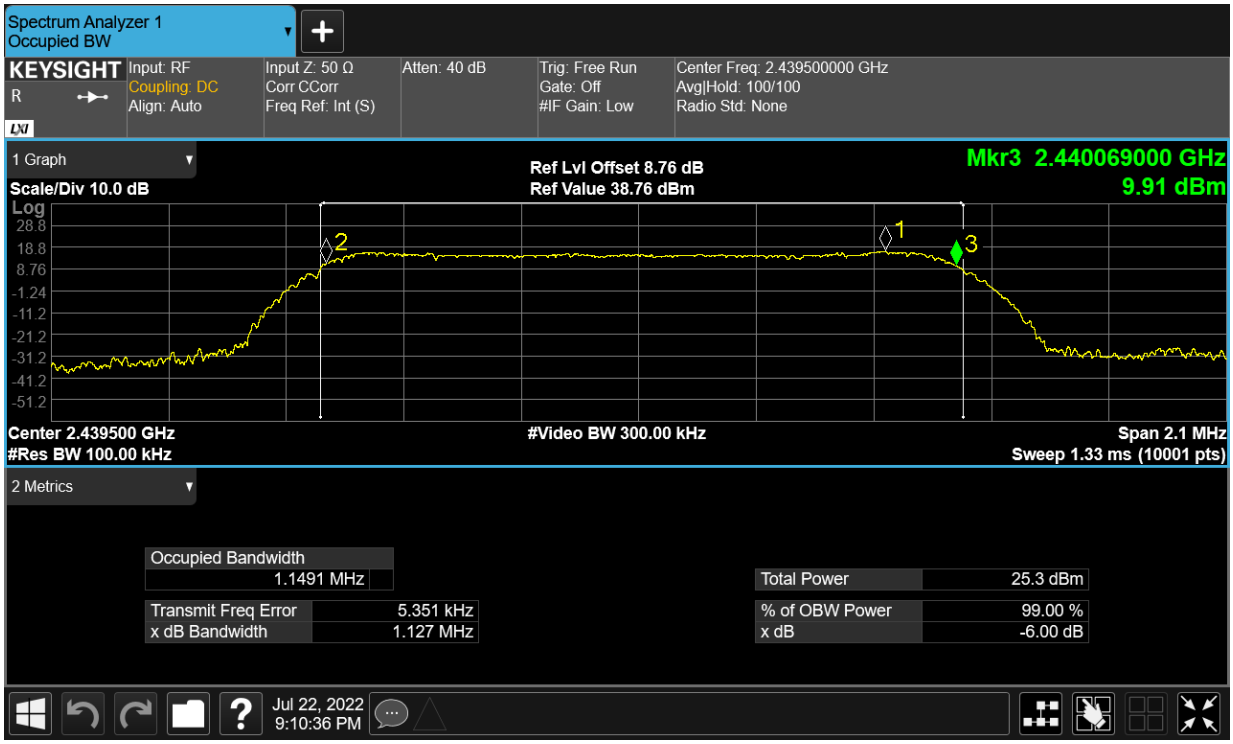
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant1



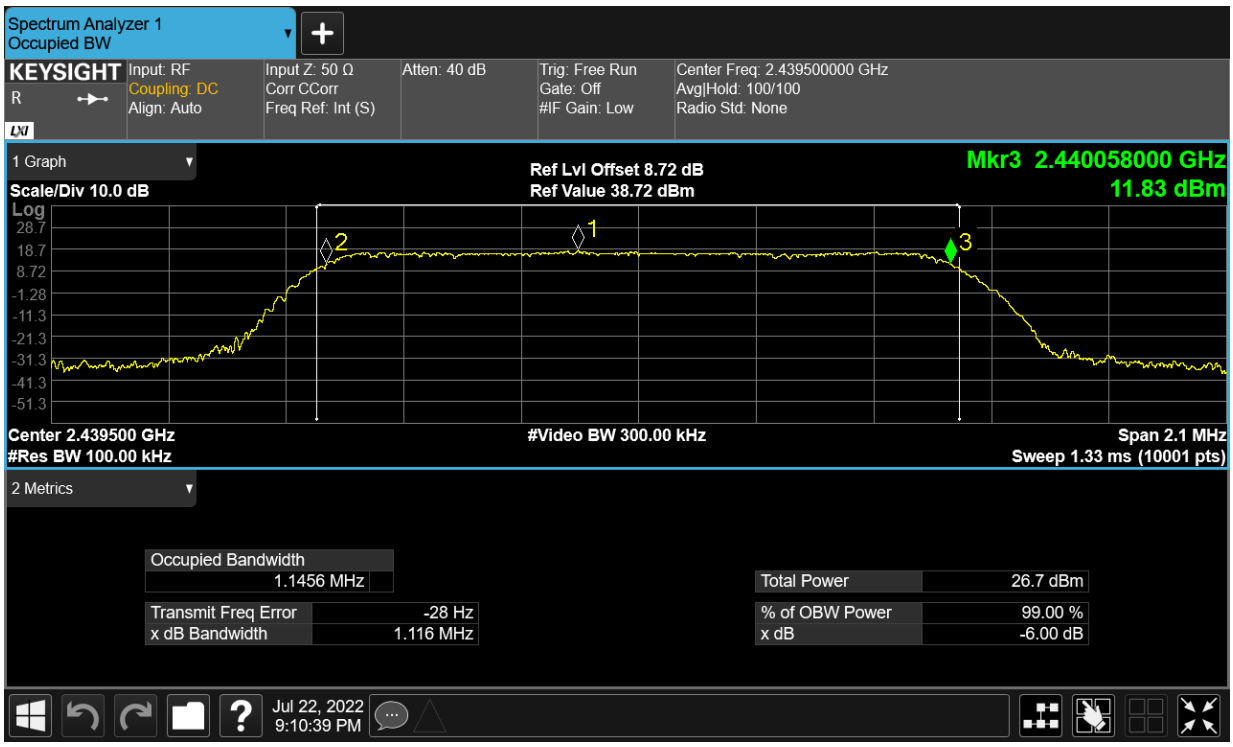
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant2



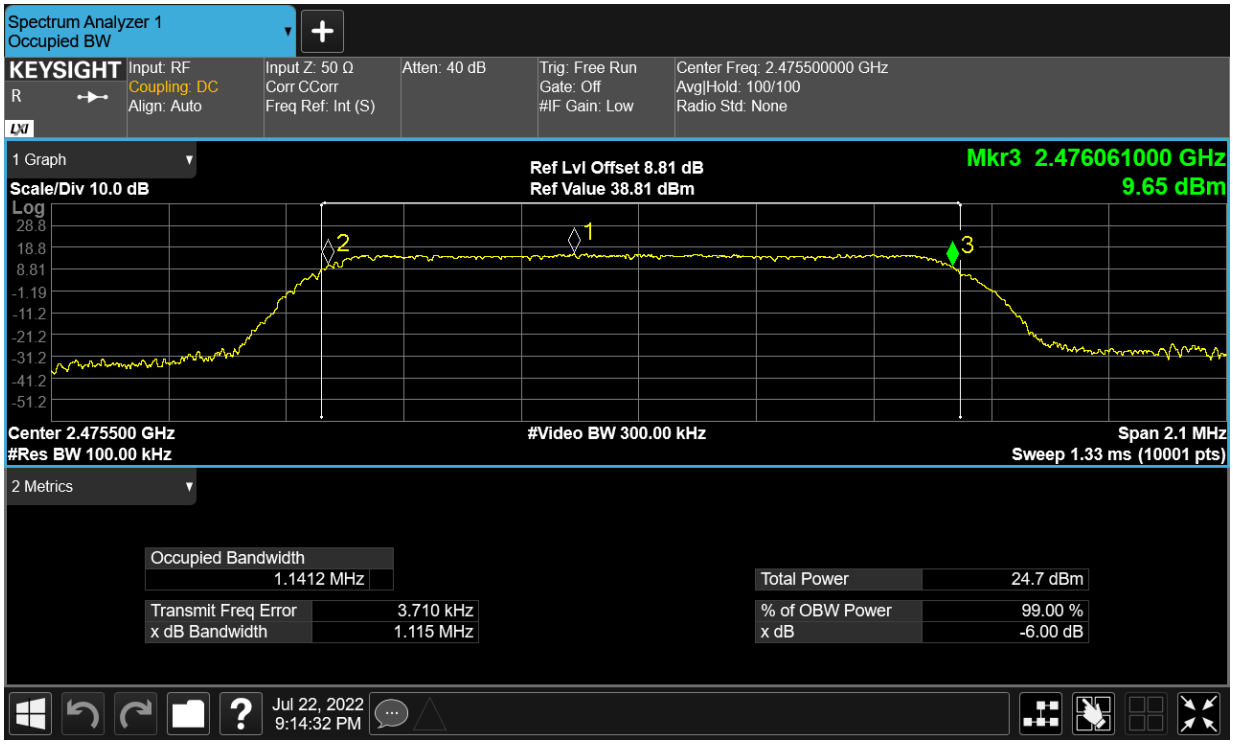
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant1



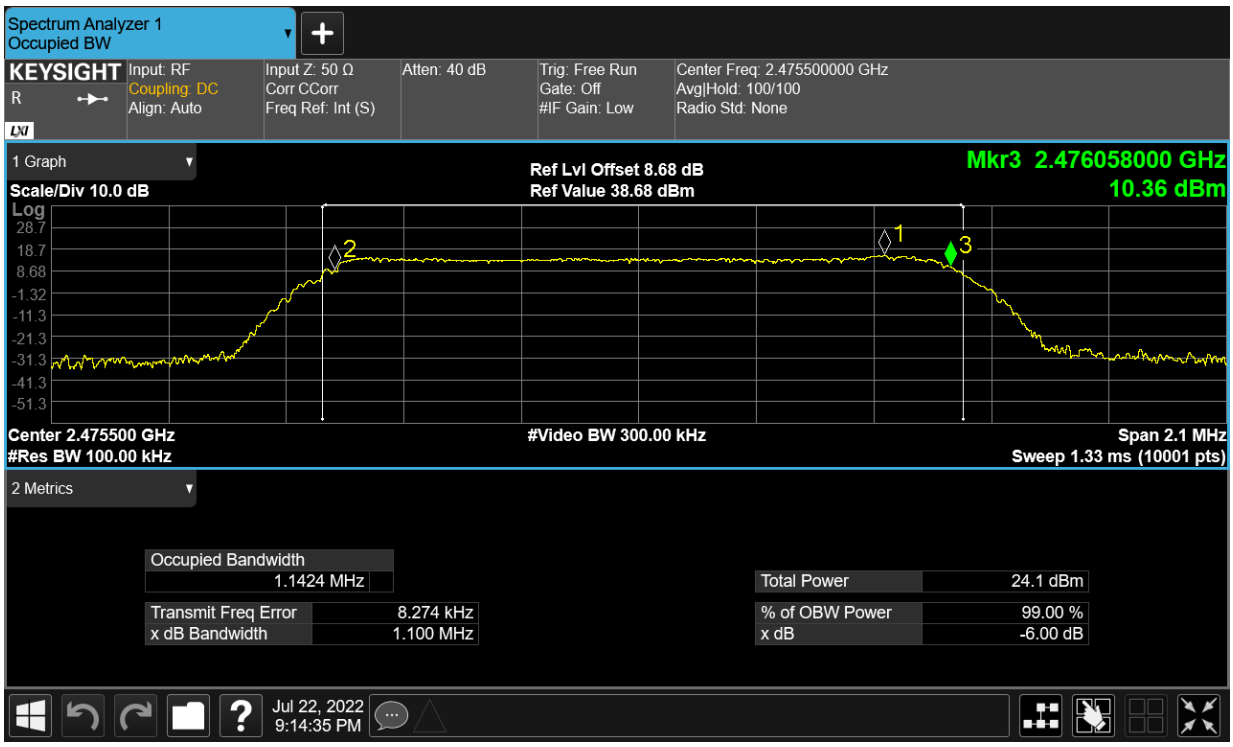
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant2



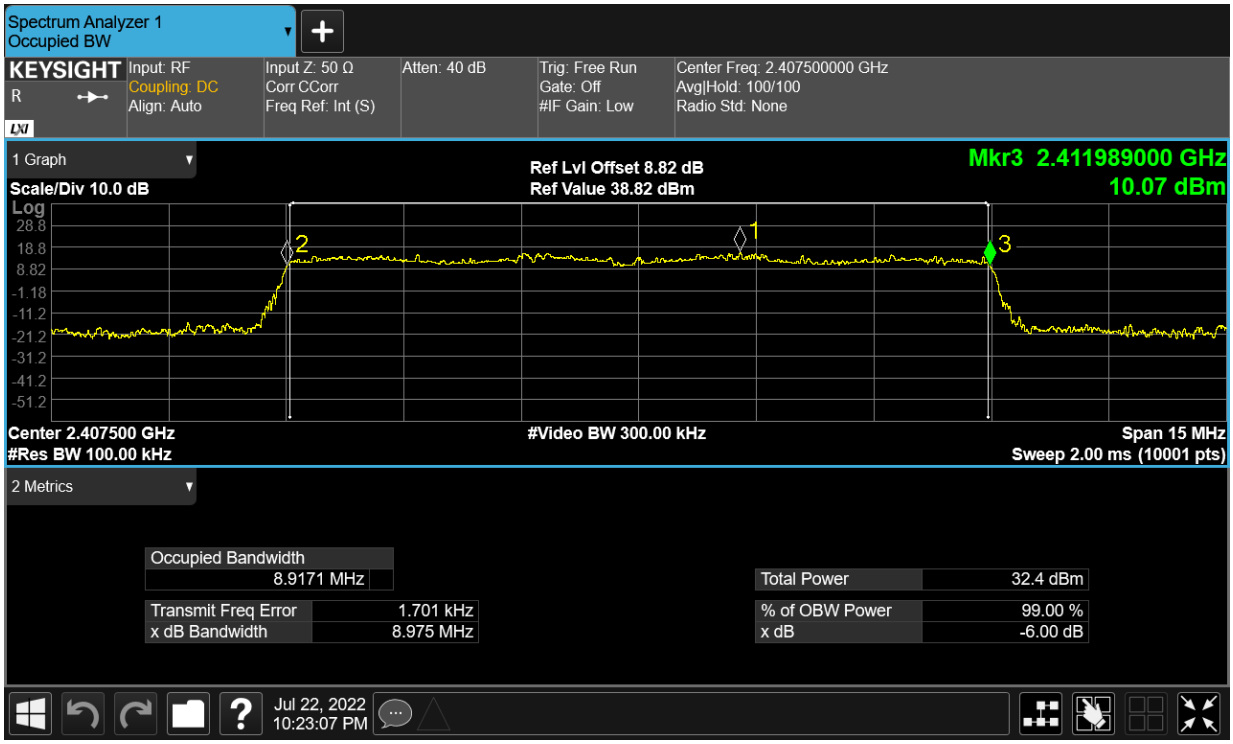
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant1



-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant2



-6dB Bandwidth NVNT 2.4G-10M-16QAM 2407.5MHz Ant1



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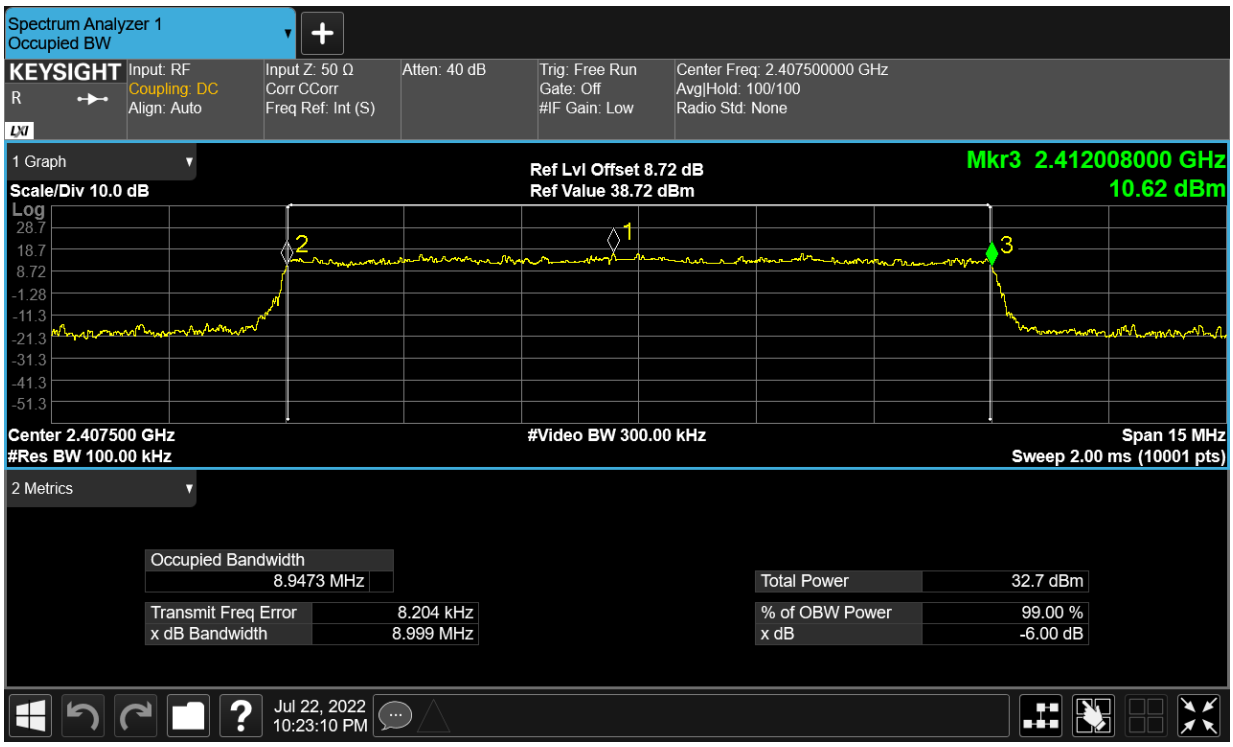
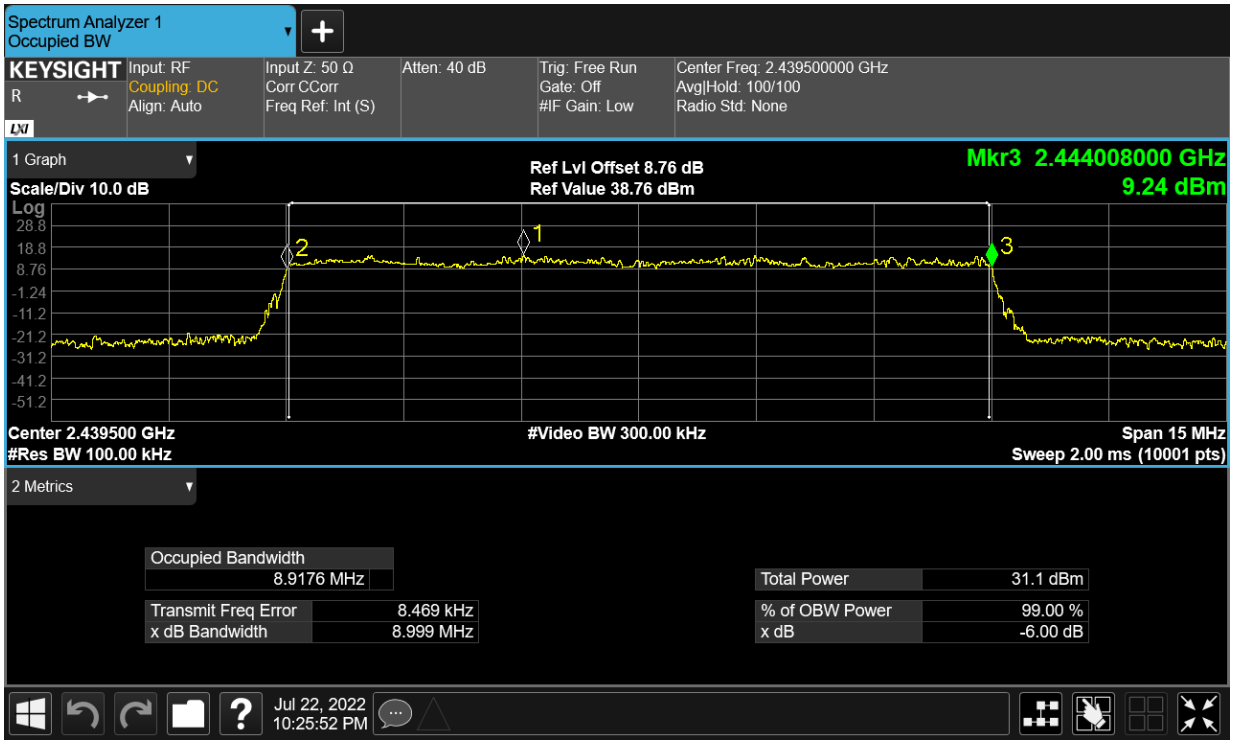


-6dB Bandwidth NVNT 2.4G-10M-16QAM 2439.5MHz Ant1



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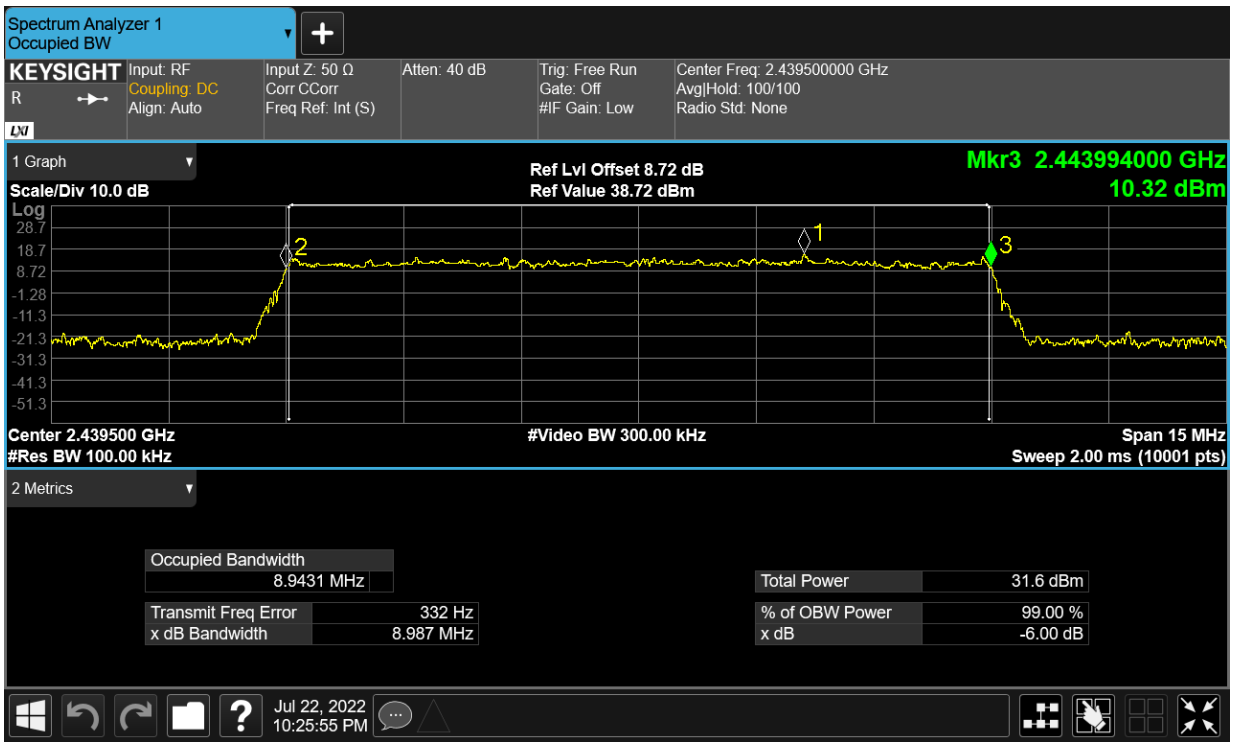
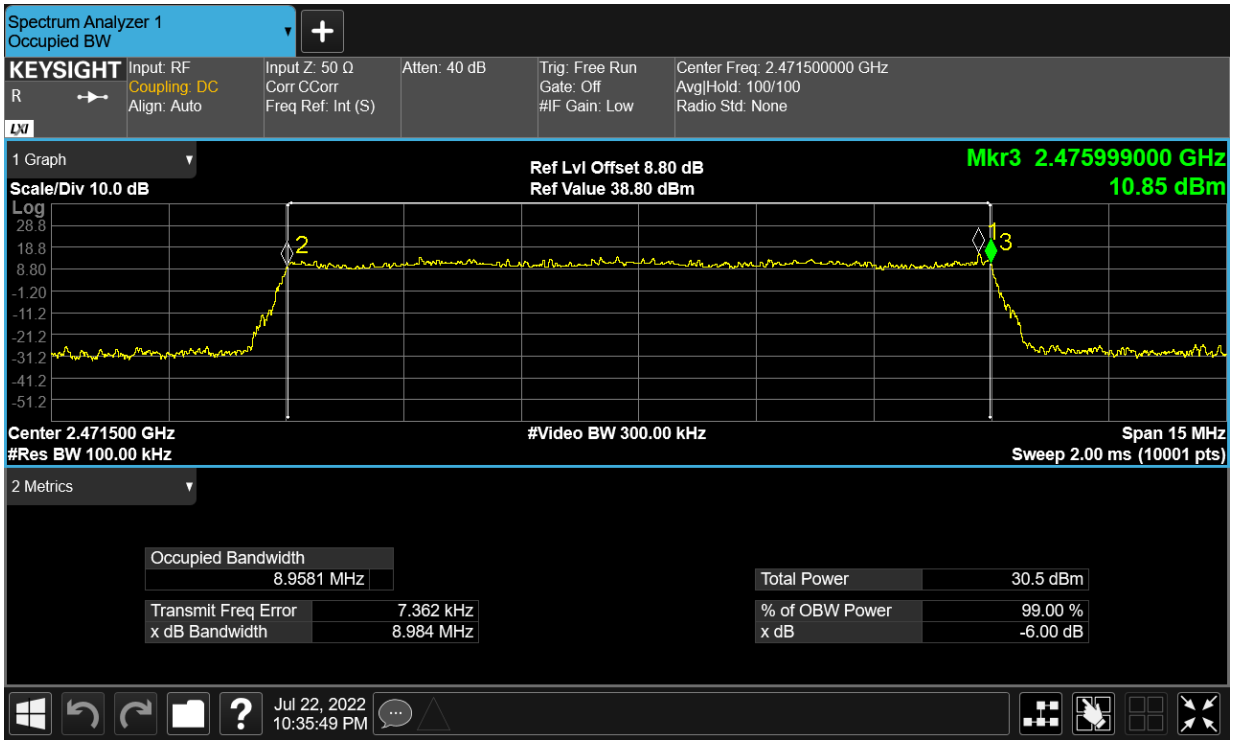


-6dB Bandwidth NVNT 2.4G-10M-16QAM 2471.5MHz Ant1



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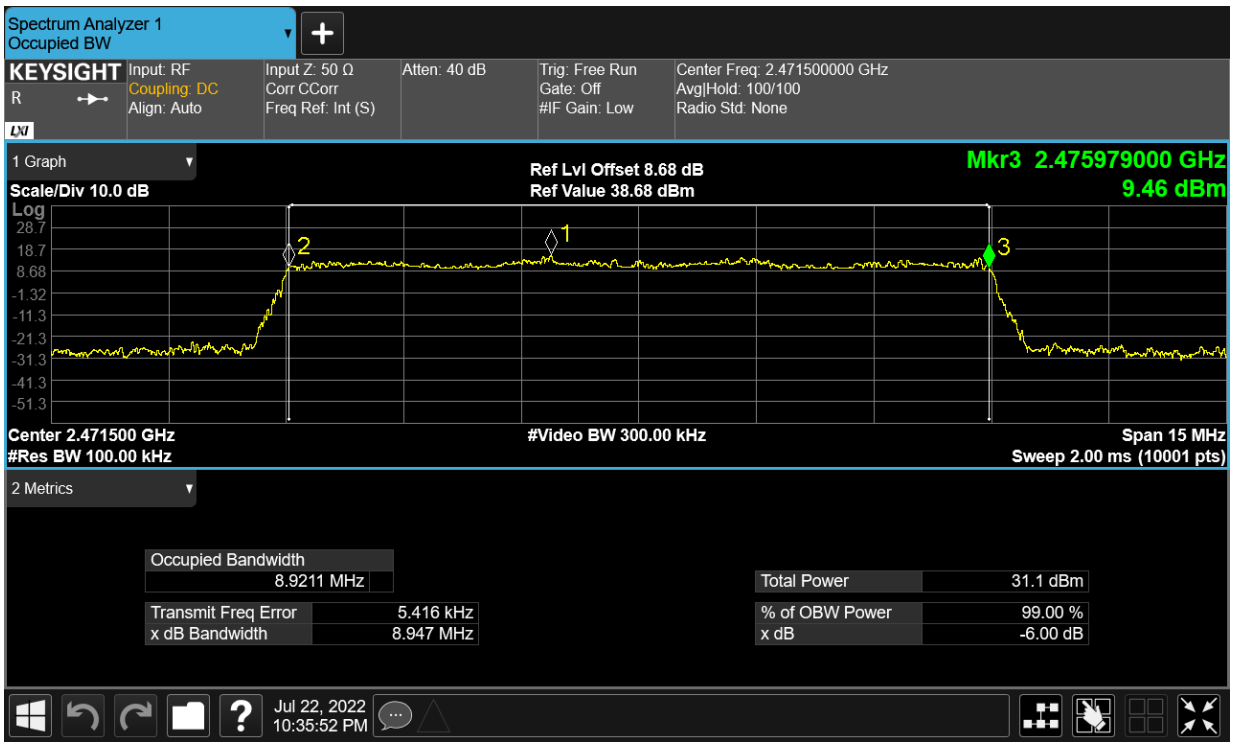
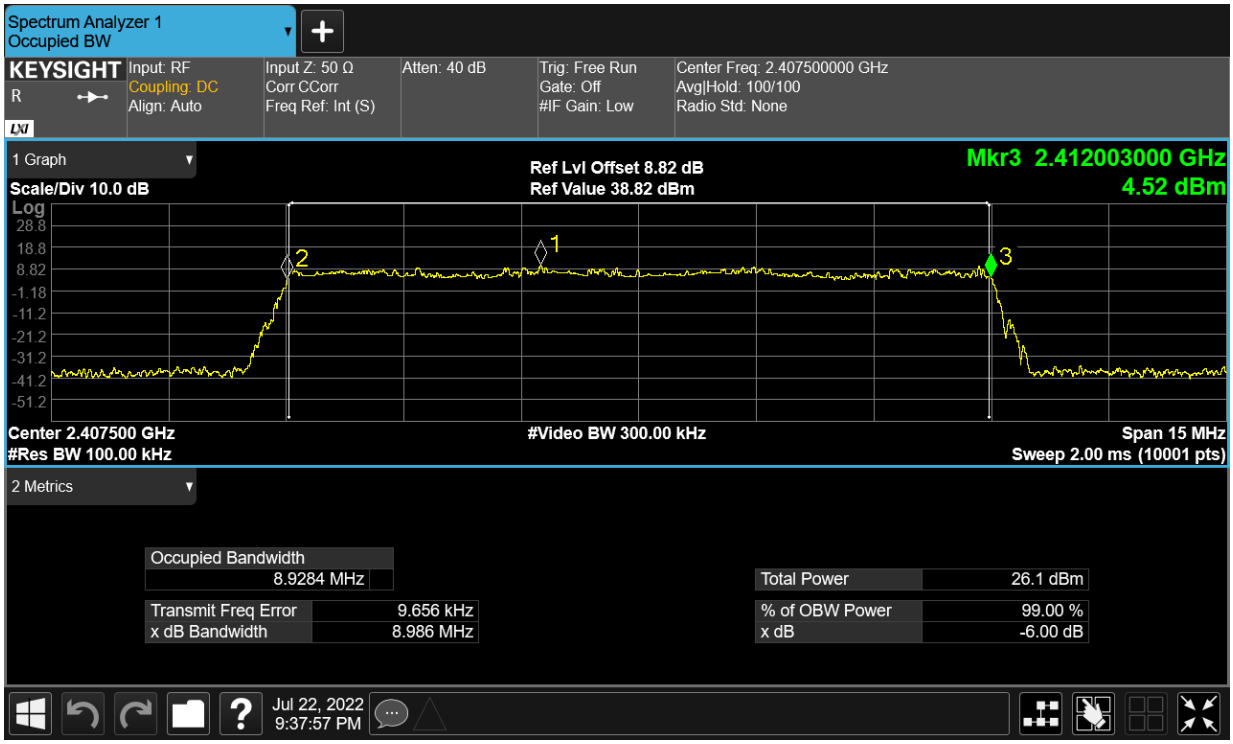


-6dB Bandwidth NVNT 2.4G-10M-QPSK 2407.5MHz Ant1



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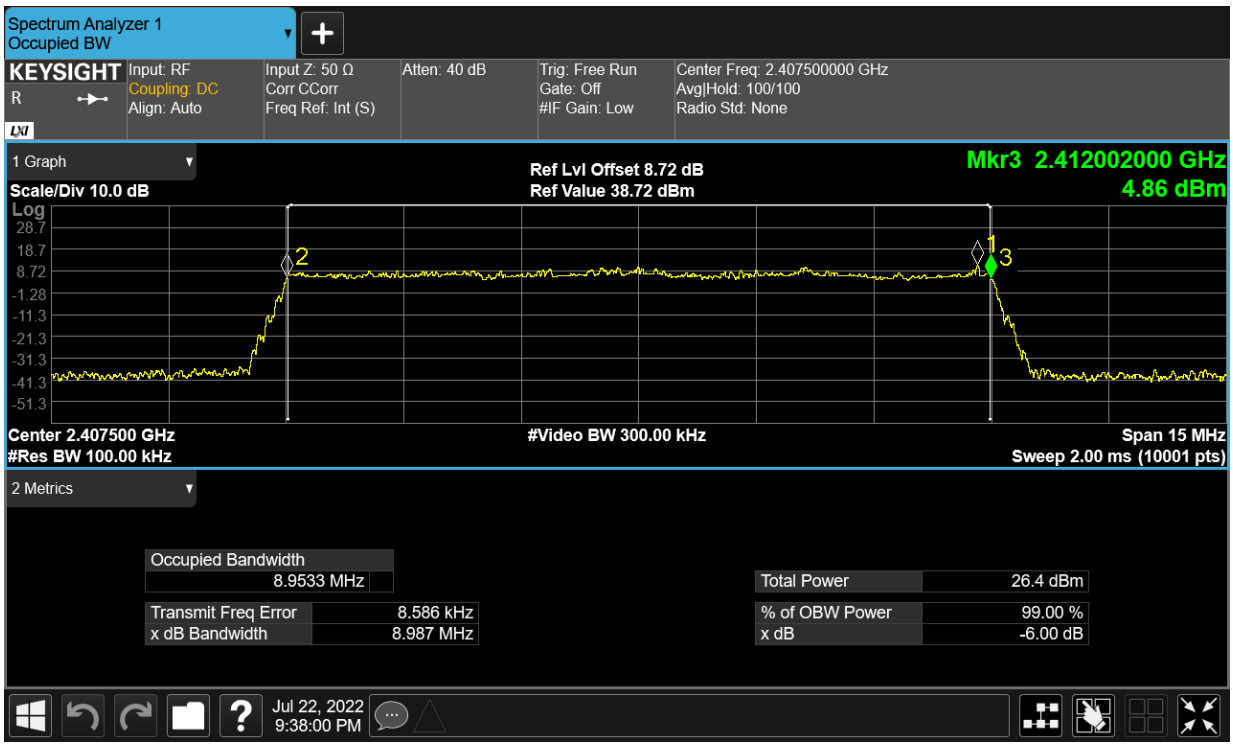
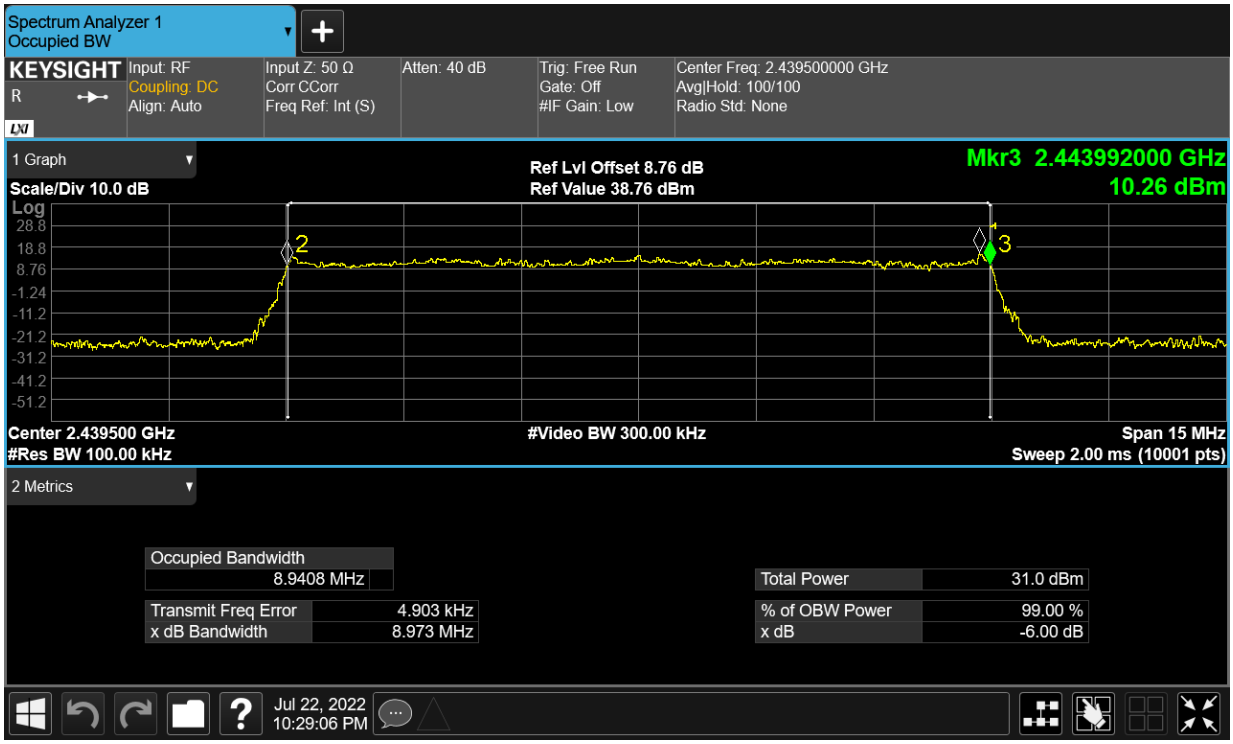
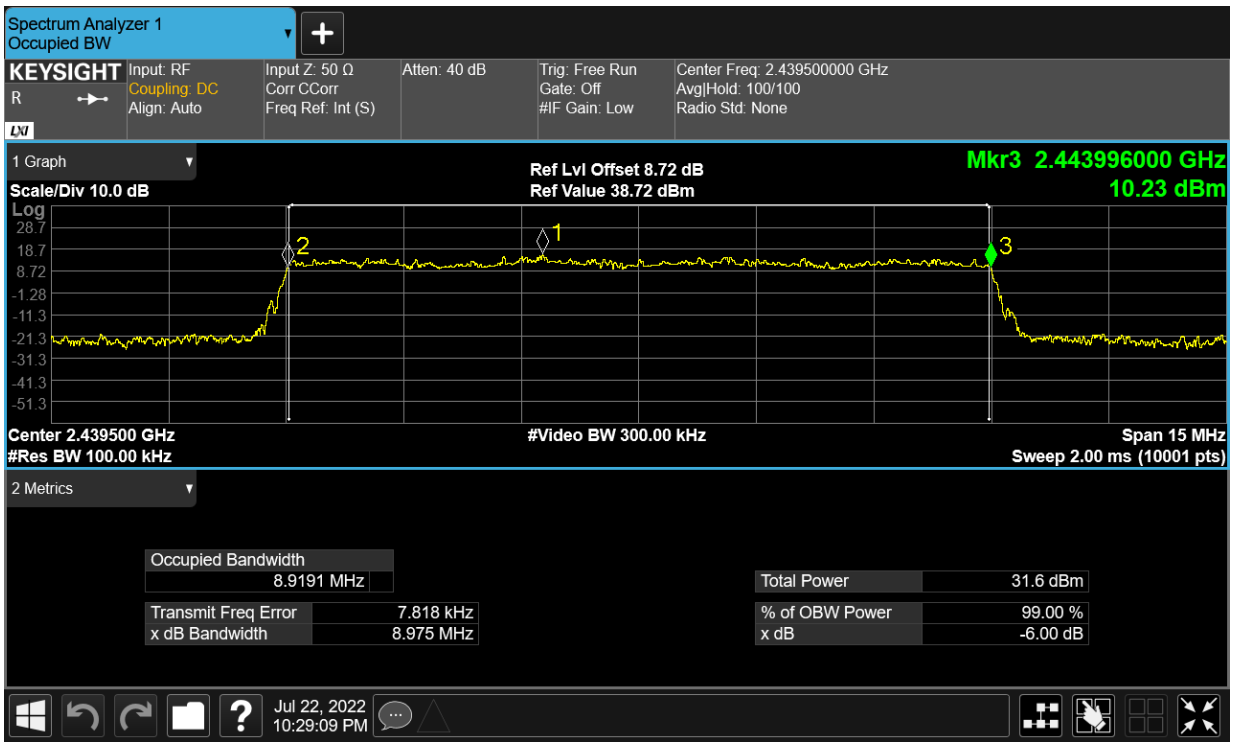


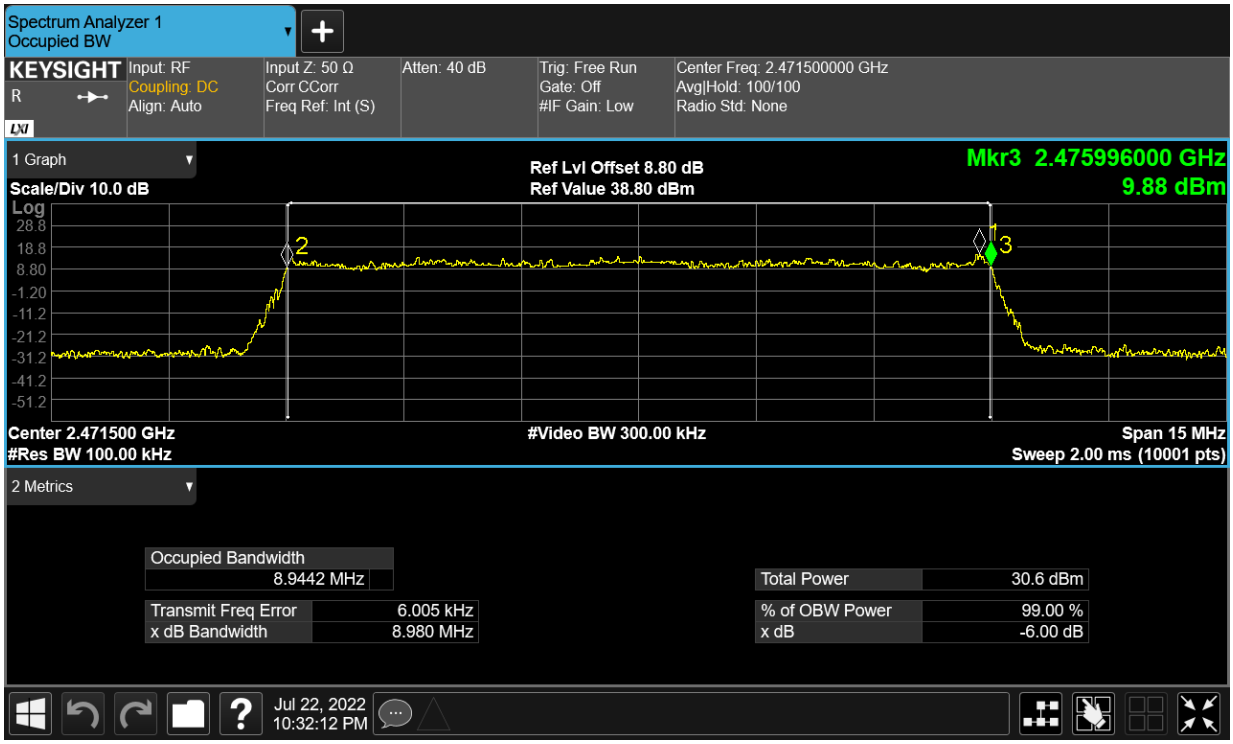
-6dB Bandwidth NVNT 2.4G-10M-QPSK 2439.5MHz Ant1



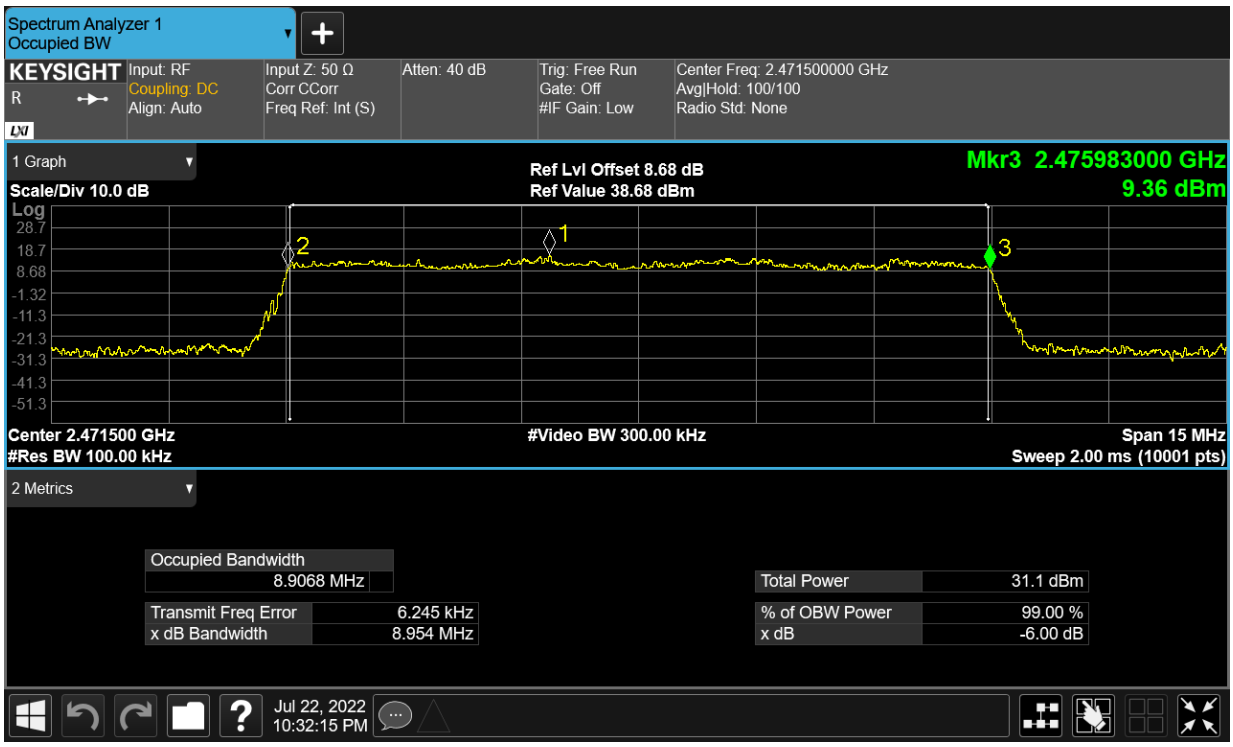
-6dB Bandwidth NVNT 2.4G-10M-QPSK 2439.5MHz Ant2



-6dB Bandwidth NVNT 2.4G-10M-QPSK 2471.5MHz Ant1



-6dB Bandwidth NVNT 2.4G-10M-QPSK 2471.5MHz Ant2



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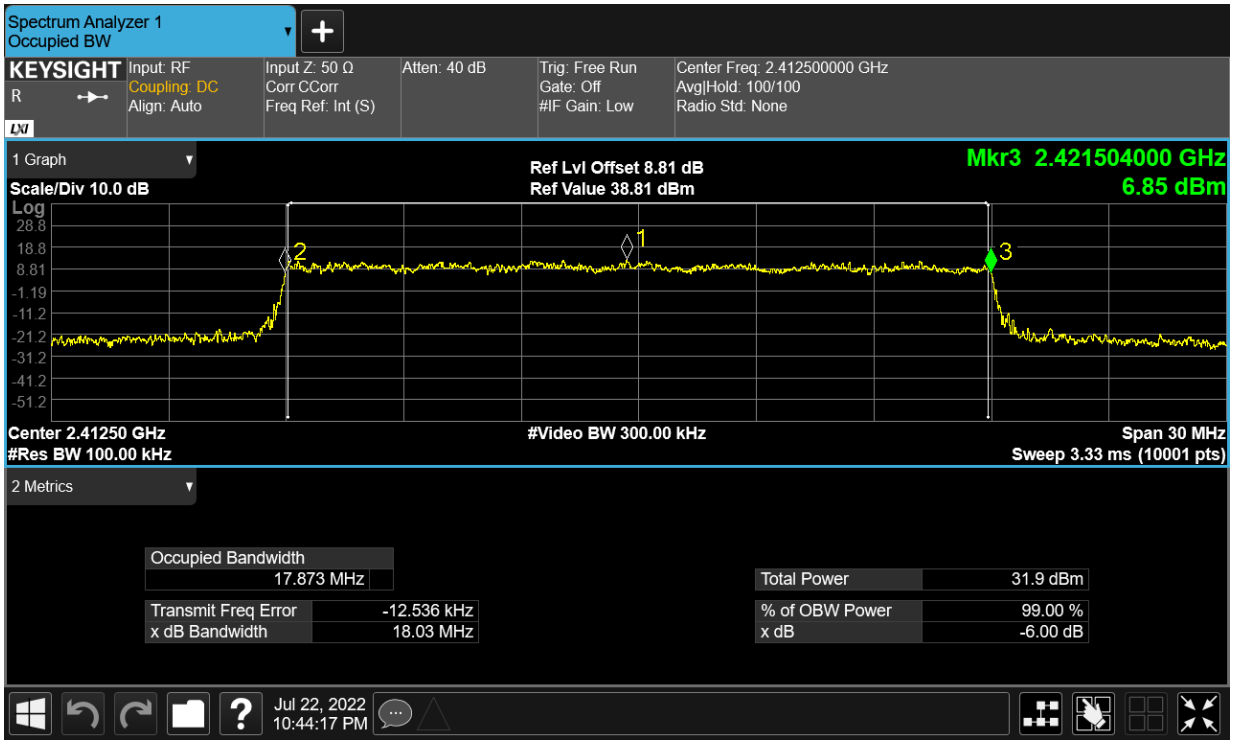
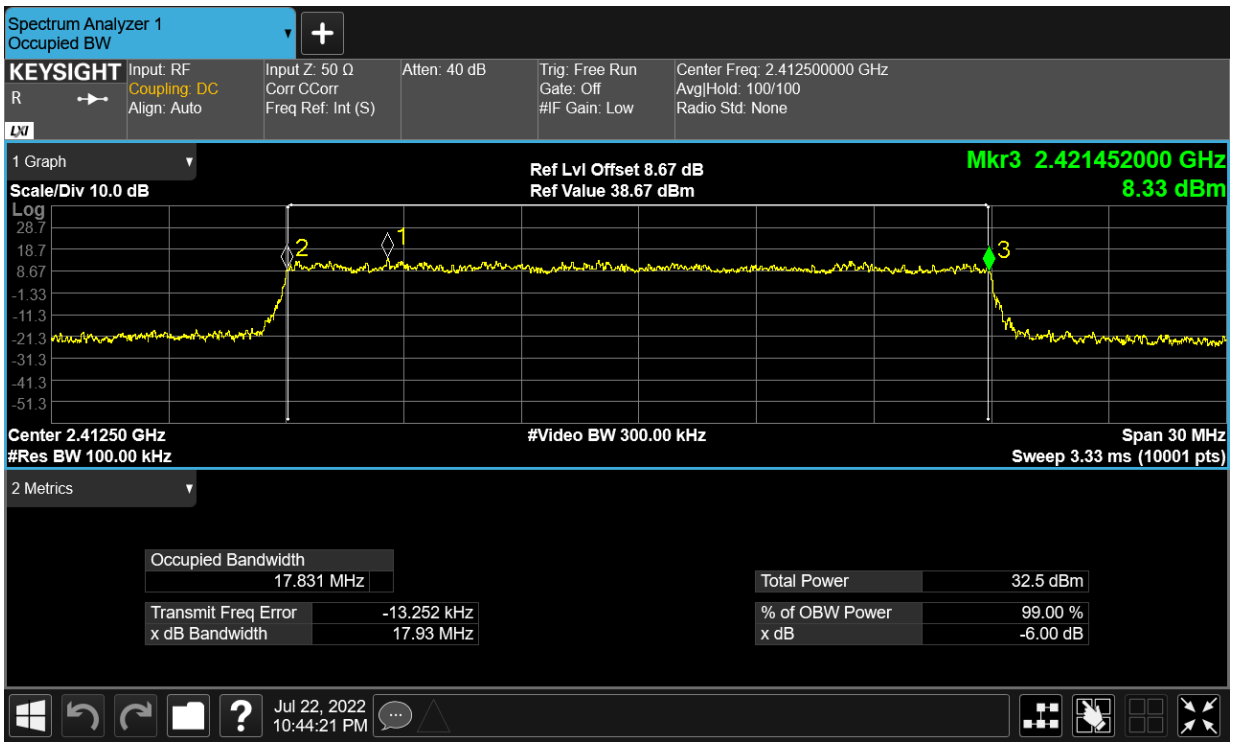


-6dB Bandwidth NVNT 2.4G-20M-16QAM 2412.5MHz Ant2



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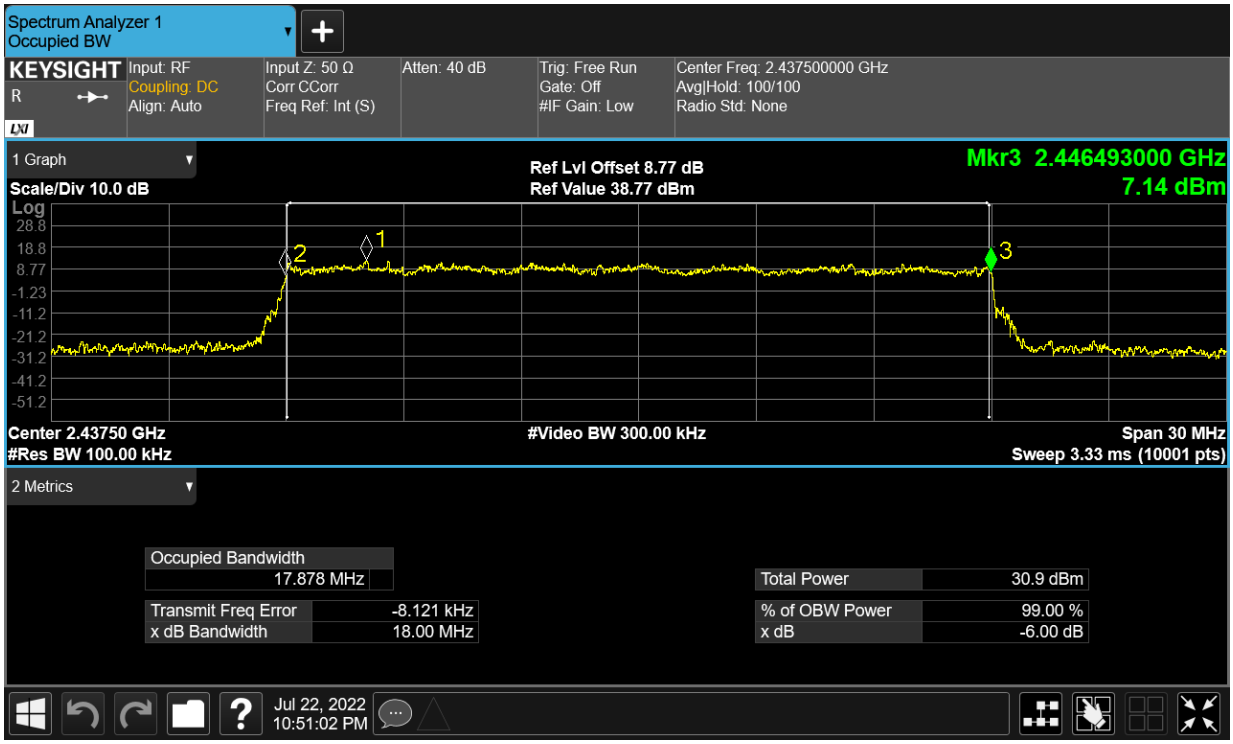

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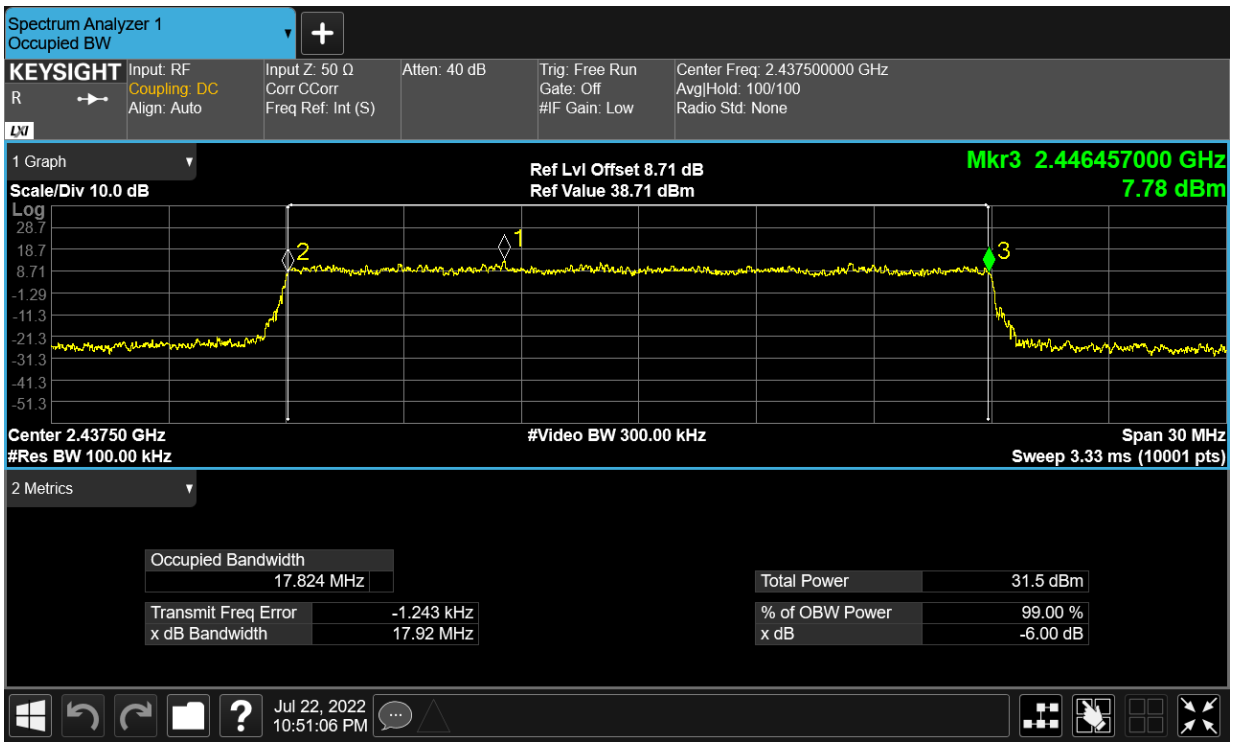
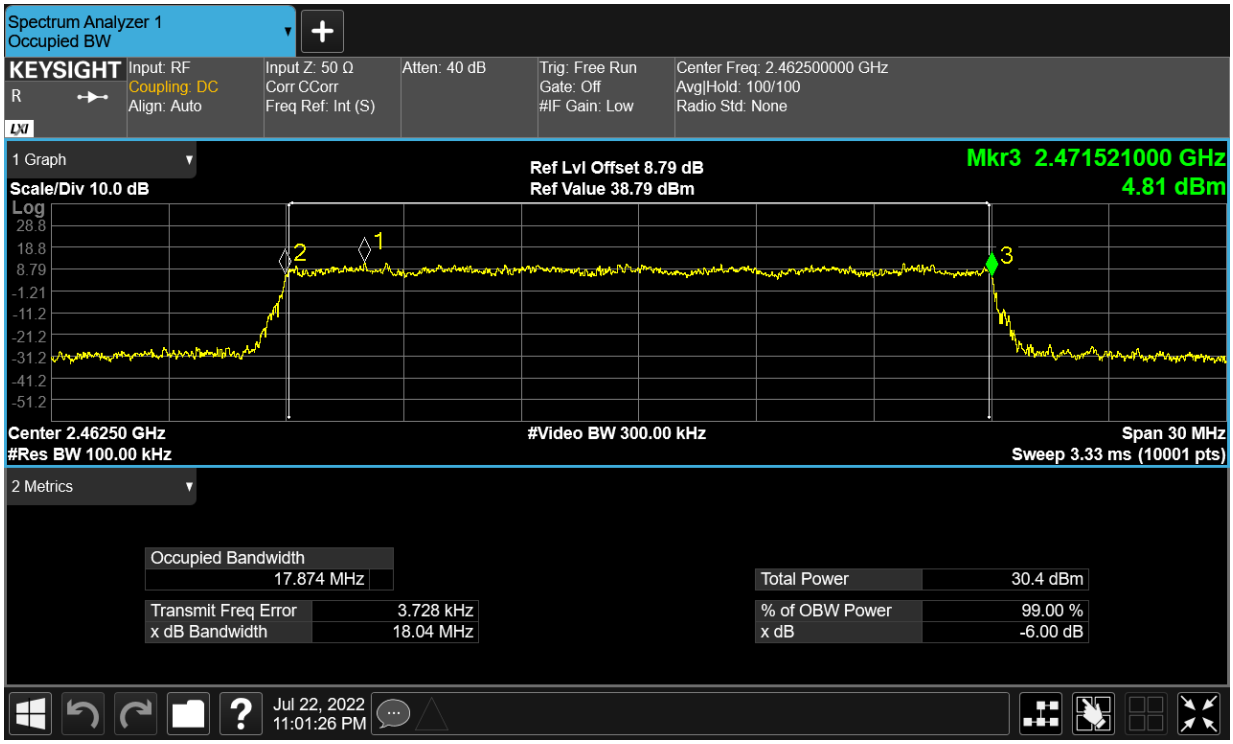


-6dB Bandwidth NVNT 2.4G-20M-16QAM 2462.5MHz Ant1



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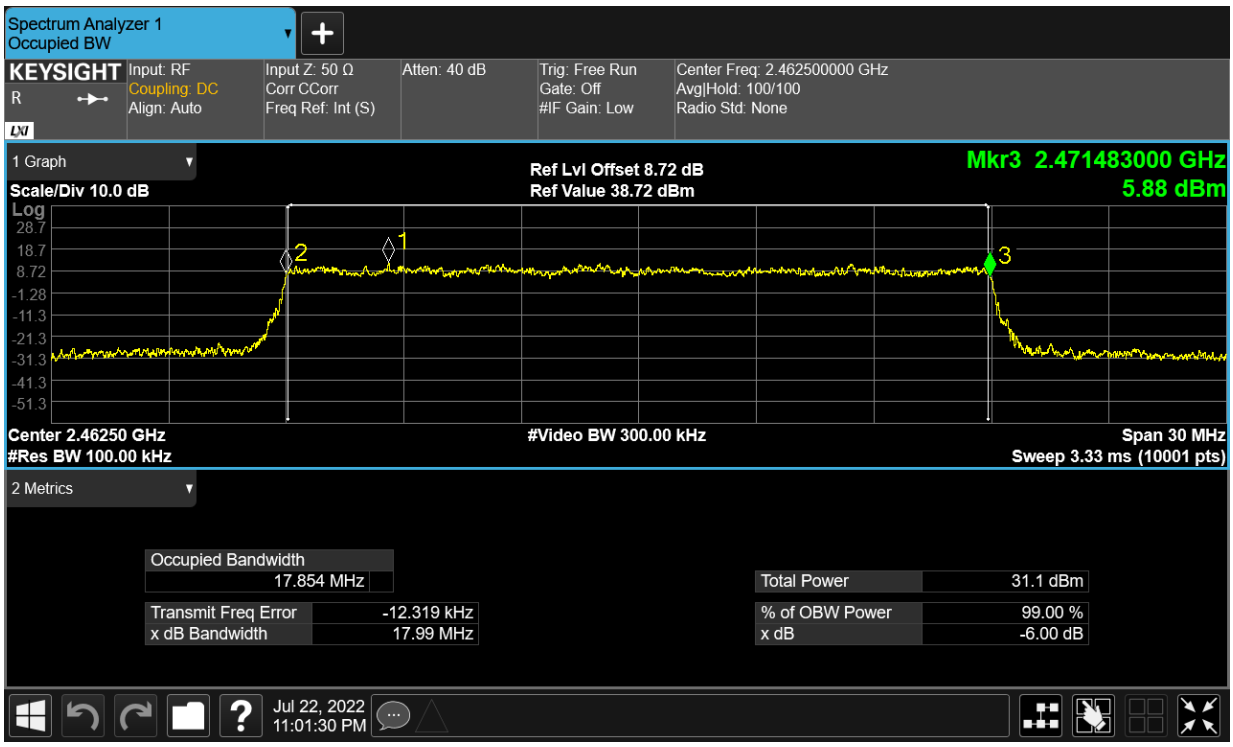
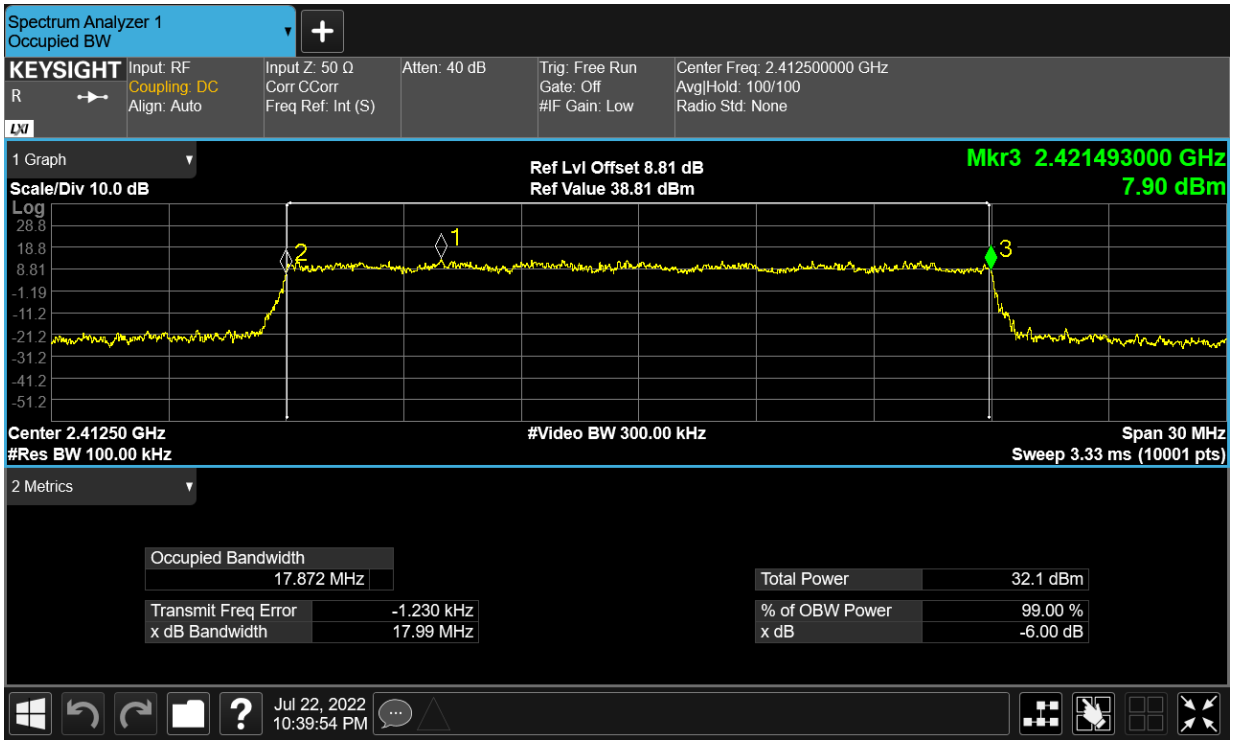


-6dB Bandwidth NVNT 2.4G-20M-QPSK 2412.5MHz Ant1



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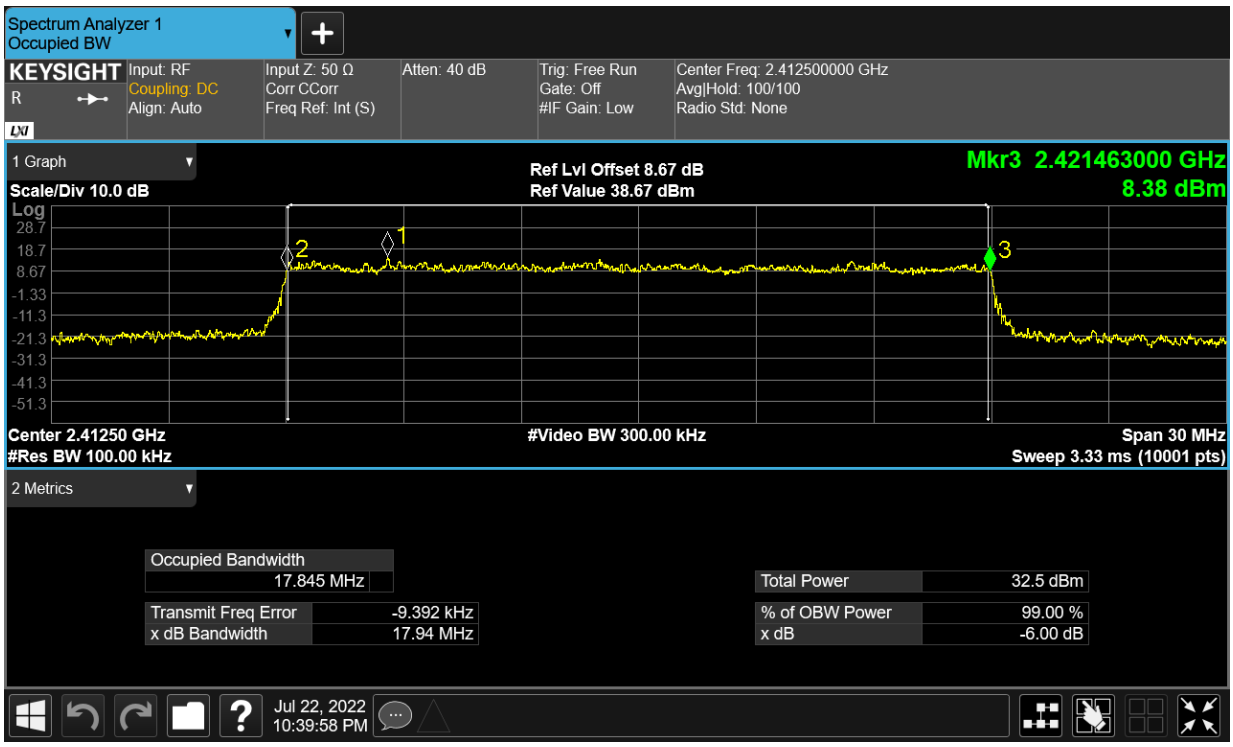
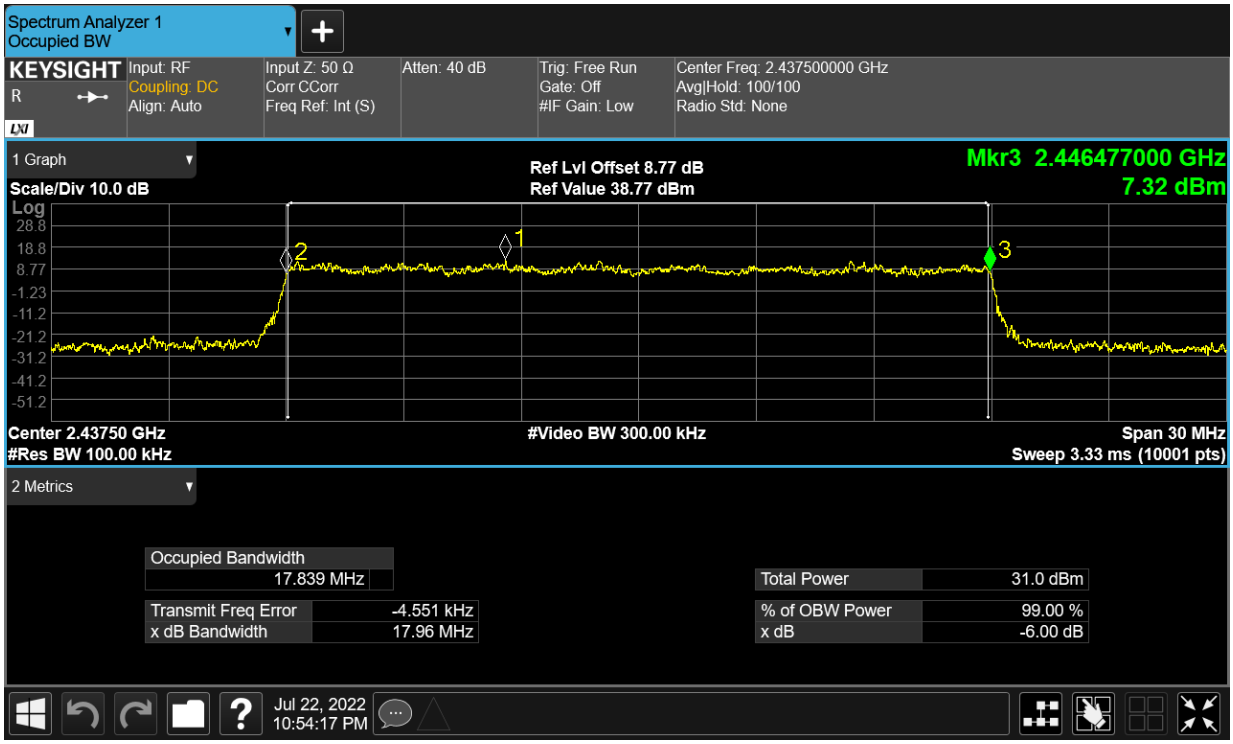


-6dB Bandwidth NVNT 2.4G-20M-QPSK 2437.5MHz Ant1



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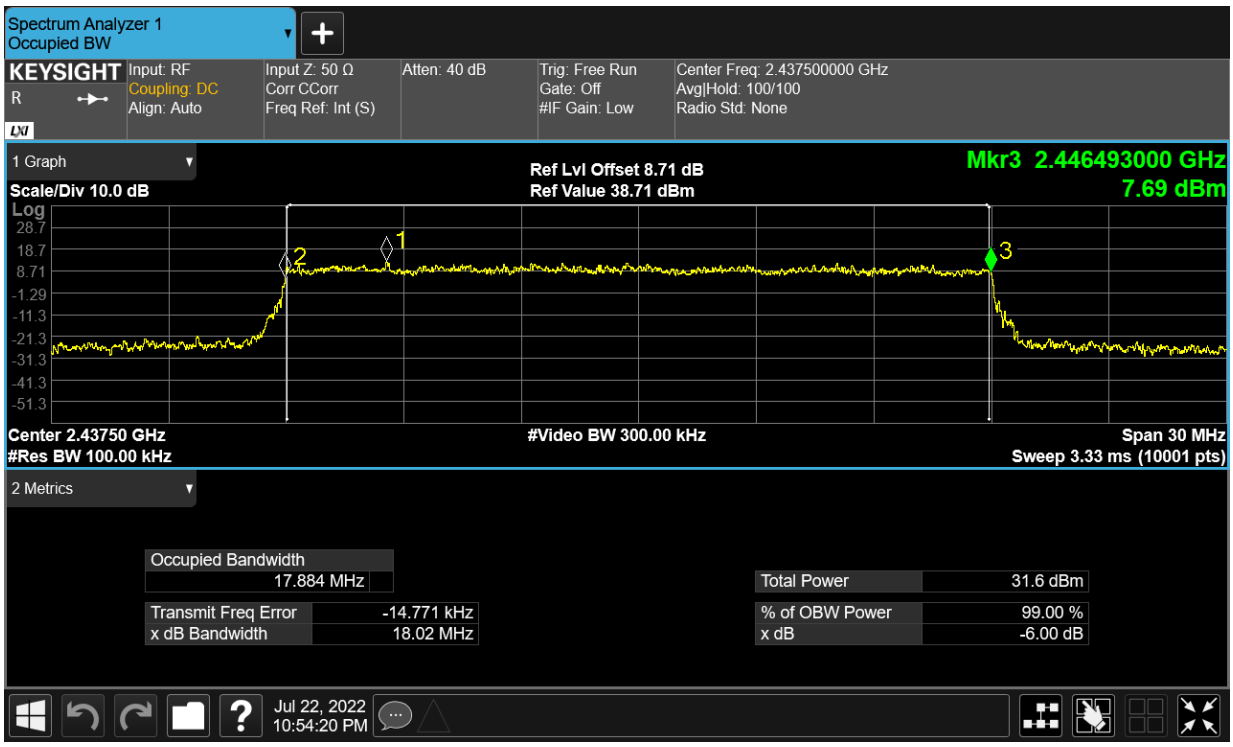
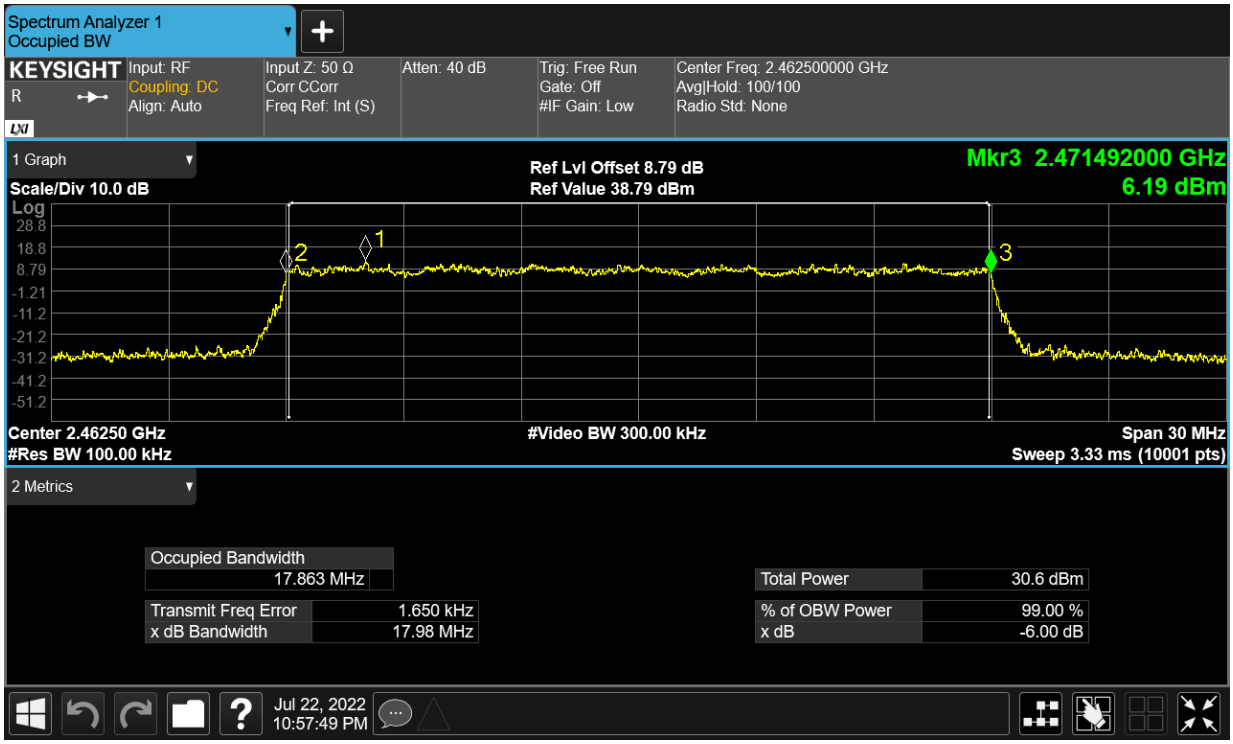
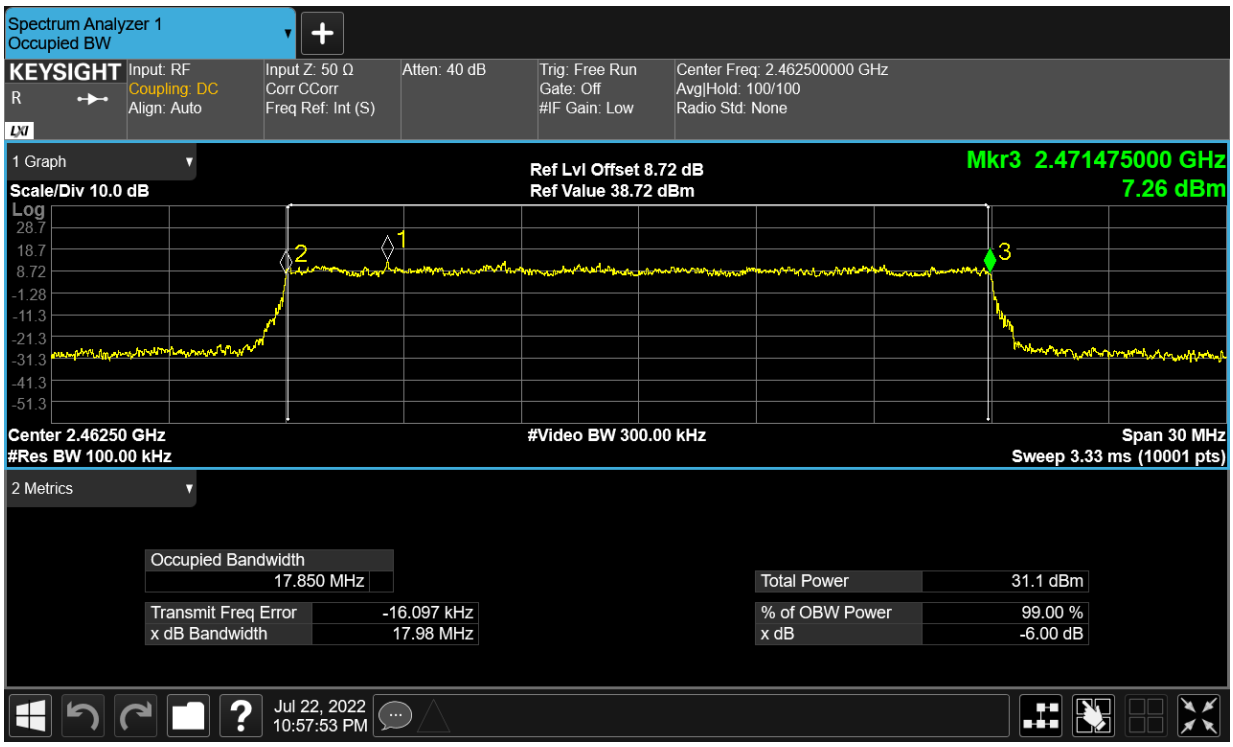


-6dB Bandwidth NVNT 2.4G-20M-QPSK 2462.5MHz Ant1



-6dB Bandwidth NVNT 2.4G-20M-QPSK 2462.5MHz Ant2

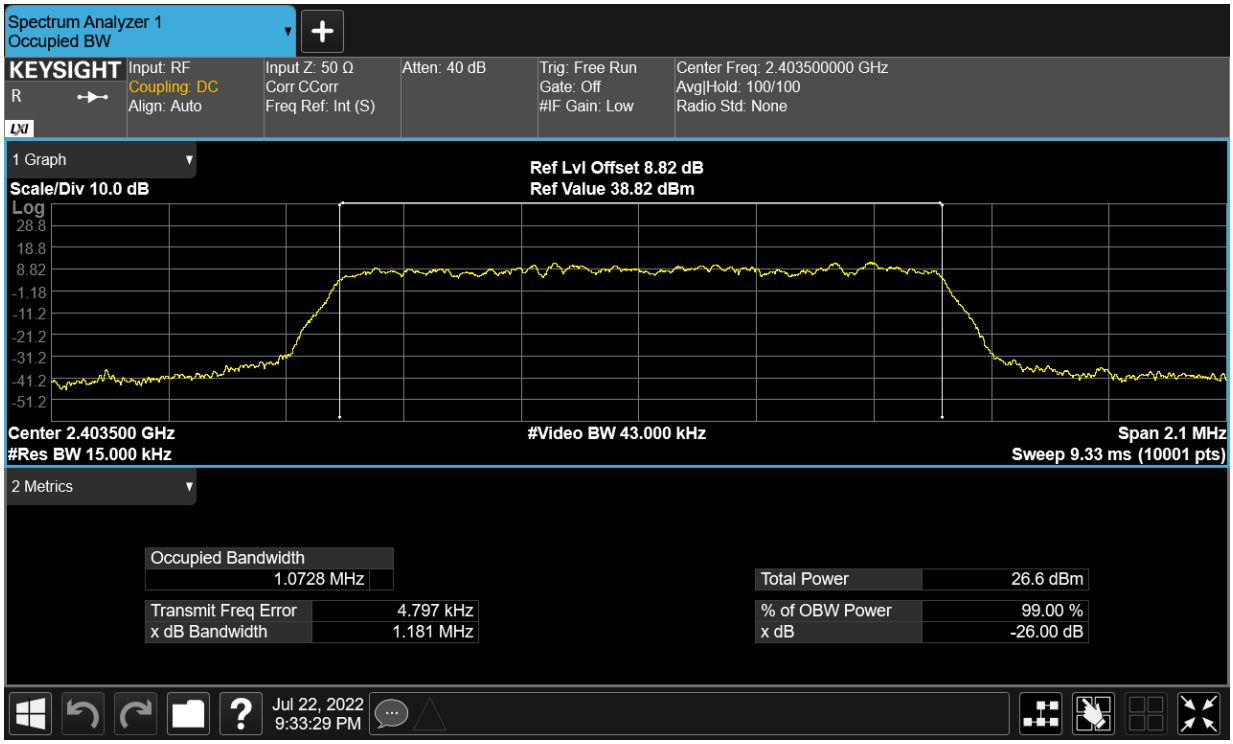


Occupied Channel Bandwidth

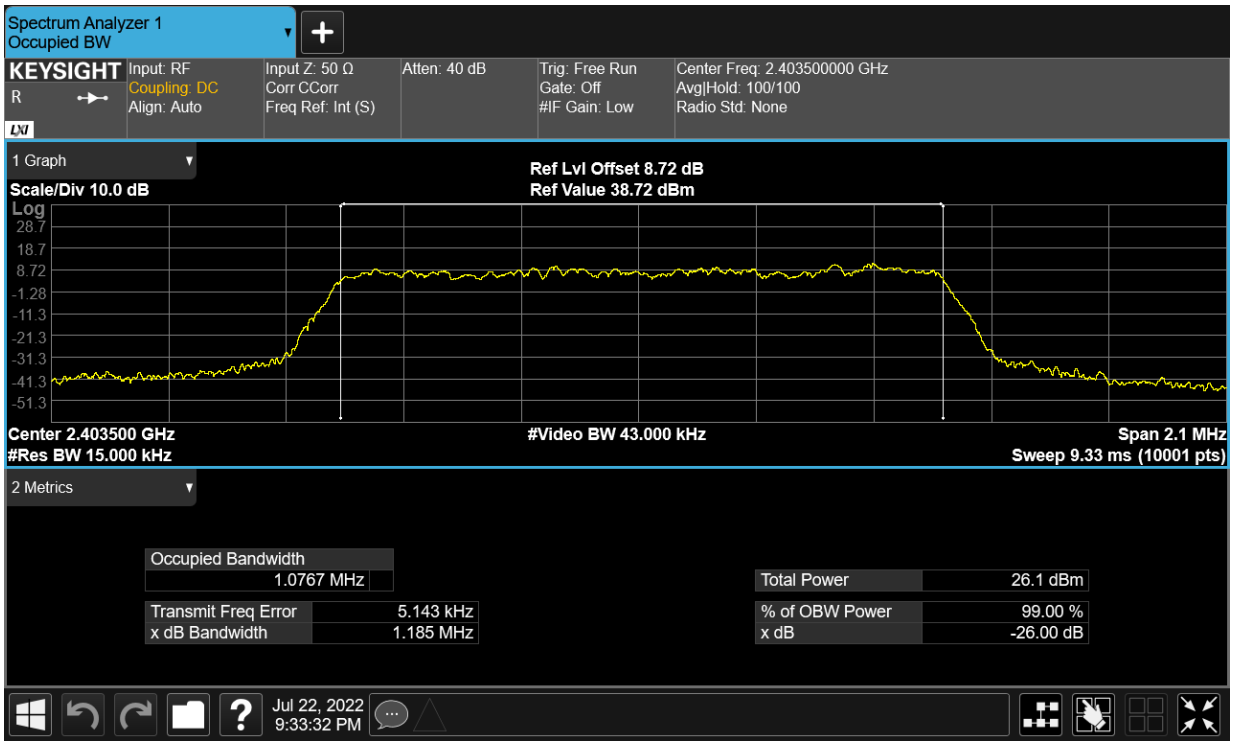
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	1.07282806
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	1.076729971
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	1.077416923
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	1.073904533
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	1.072853933
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	1.075843437
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	1.072237941
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	1.077298111
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	1.078643388
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	1.073734016
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	1.072785714
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	1.076930852
NVNT	2.4G-10M-16QAM	2407.5	Ant1	8.90648881
NVNT	2.4G-10M-16QAM	2407.5	Ant2	8.963959964
NVNT	2.4G-10M-16QAM	2439.5	Ant1	8.918656594
NVNT	2.4G-10M-16QAM	2439.5	Ant2	8.937593737
NVNT	2.4G-10M-16QAM	2471.5	Ant1	8.966086997
NVNT	2.4G-10M-16QAM	2471.5	Ant2	8.911301599
NVNT	2.4G-10M-QPSK	2407.5	Ant1	8.944746204
NVNT	2.4G-10M-QPSK	2407.5	Ant2	8.926268639
NVNT	2.4G-10M-QPSK	2439.5	Ant1	8.937404764
NVNT	2.4G-10M-QPSK	2439.5	Ant2	8.901571945
NVNT	2.4G-10M-QPSK	2471.5	Ant1	8.949452081
NVNT	2.4G-10M-QPSK	2471.5	Ant2	8.89925966
NVNT	2.4G-20M-16QAM	2412.5	Ant1	17.92874838
NVNT	2.4G-20M-16QAM	2412.5	Ant2	17.90570592
NVNT	2.4G-20M-16QAM	2437.5	Ant1	17.9353235
NVNT	2.4G-20M-16QAM	2437.5	Ant2	17.87070212
NVNT	2.4G-20M-16QAM	2462.5	Ant1	17.9201396
NVNT	2.4G-20M-16QAM	2462.5	Ant2	17.87151326
NVNT	2.4G-20M-QPSK	2412.5	Ant1	17.89968943
NVNT	2.4G-20M-QPSK	2412.5	Ant2	17.83335019
NVNT	2.4G-20M-QPSK	2437.5	Ant1	17.87829488
NVNT	2.4G-20M-QPSK	2437.5	Ant2	17.89390474
NVNT	2.4G-20M-QPSK	2462.5	Ant1	17.89499148
NVNT	2.4G-20M-QPSK	2462.5	Ant2	17.90447483

Test Graphs

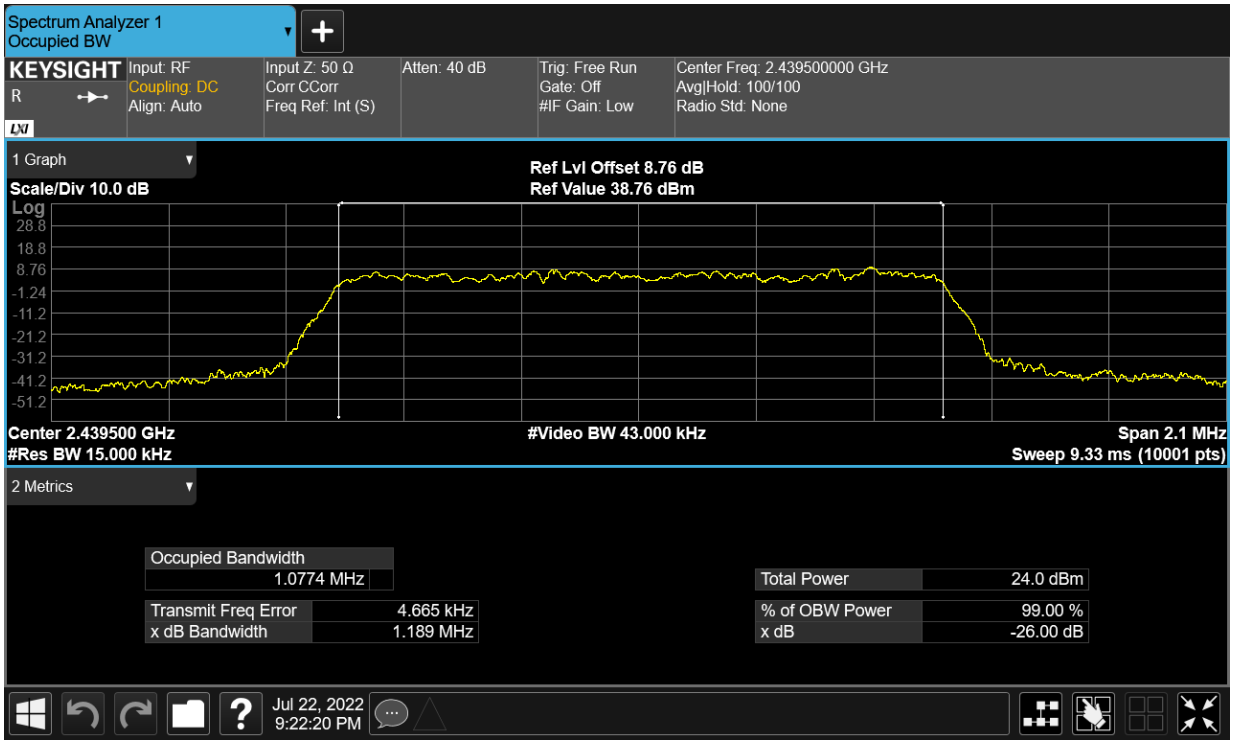
OBW NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant1



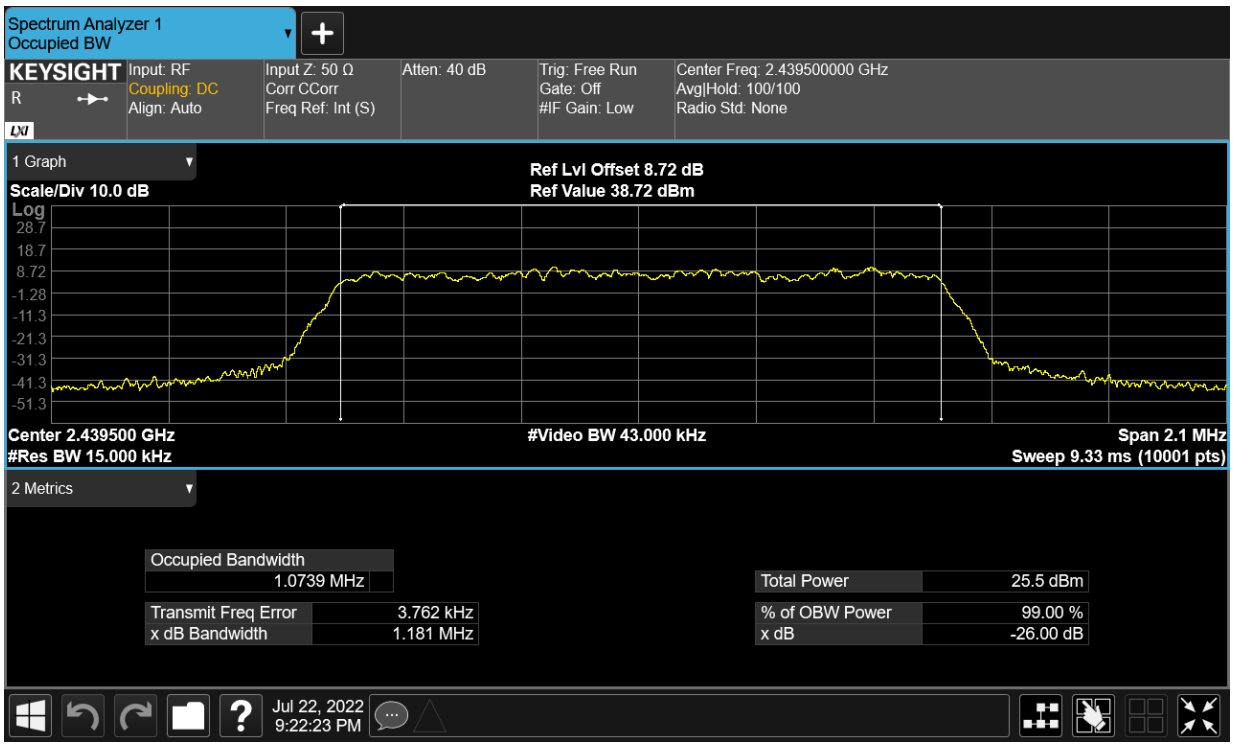
OBW NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant2



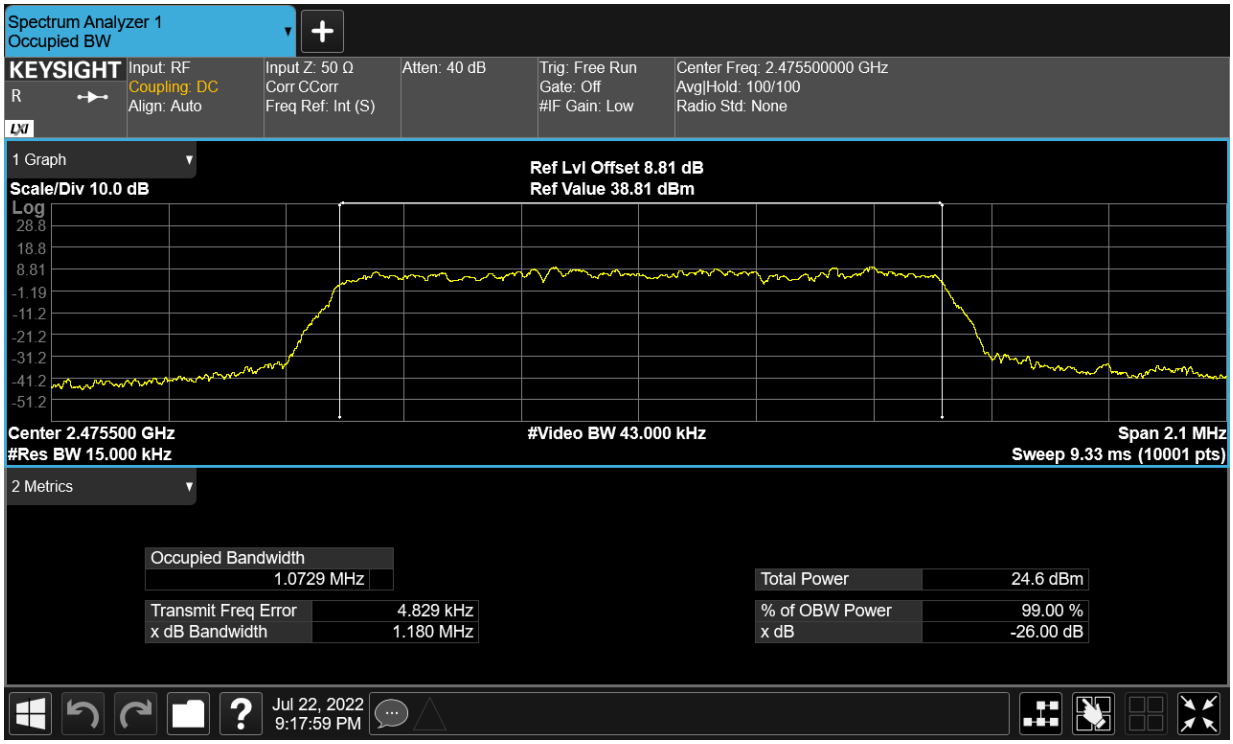
OBW NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant1



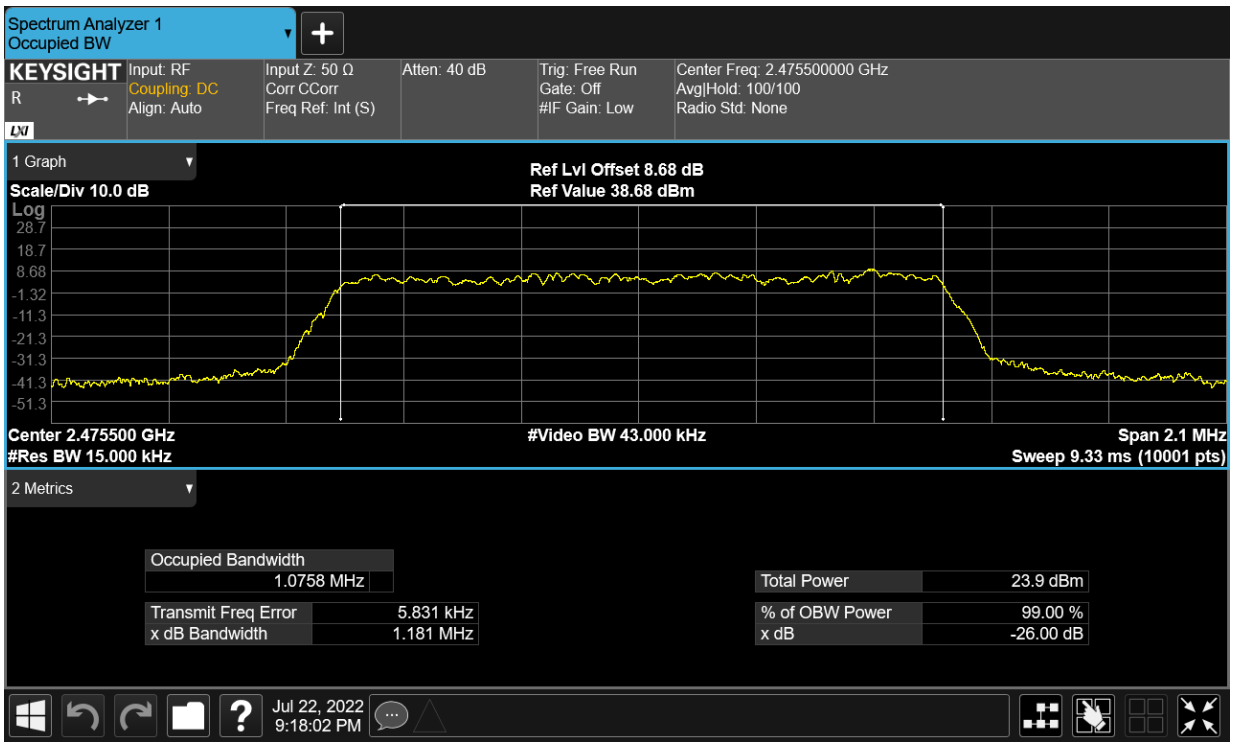
OBW NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant2



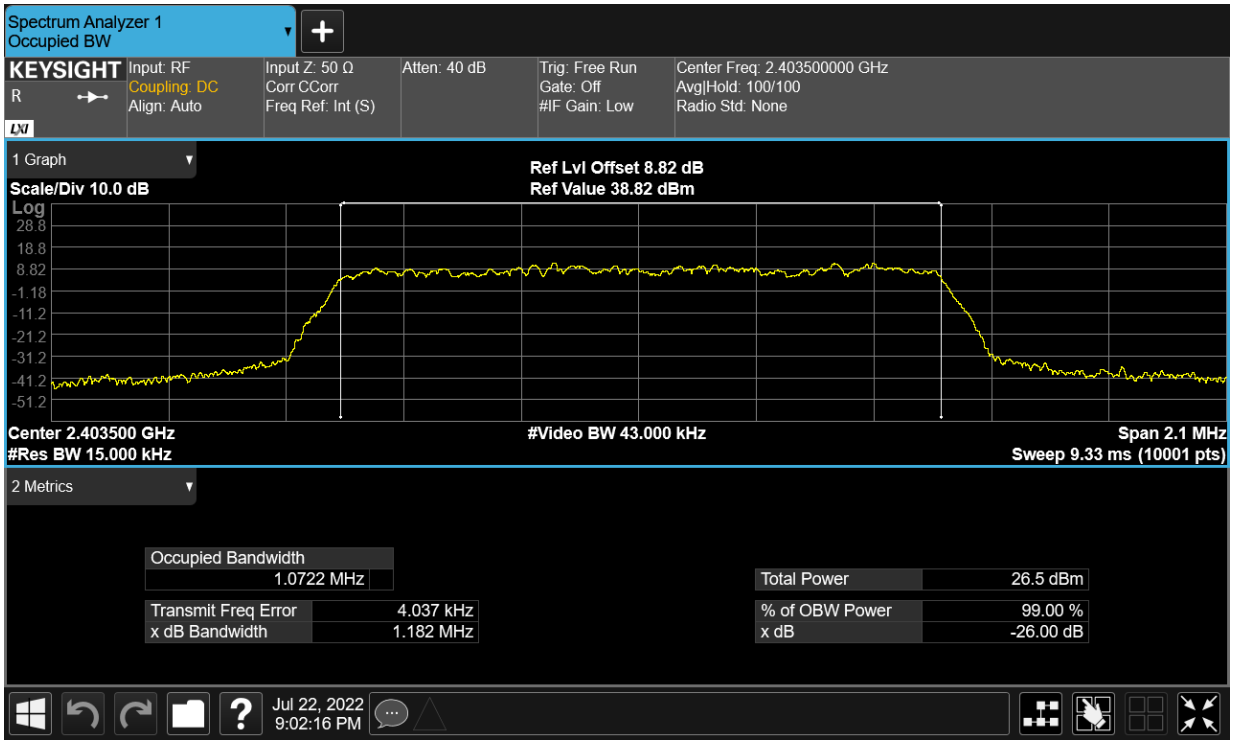
OBW NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant1



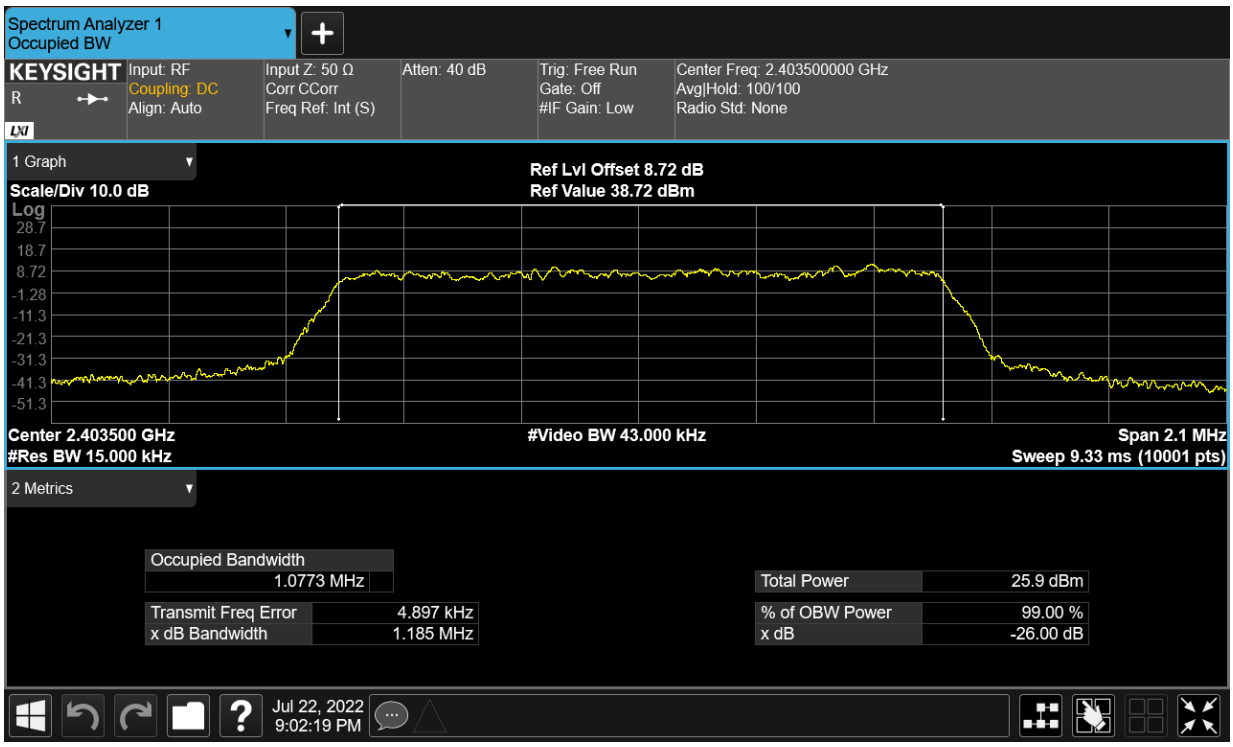
OBW NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant2



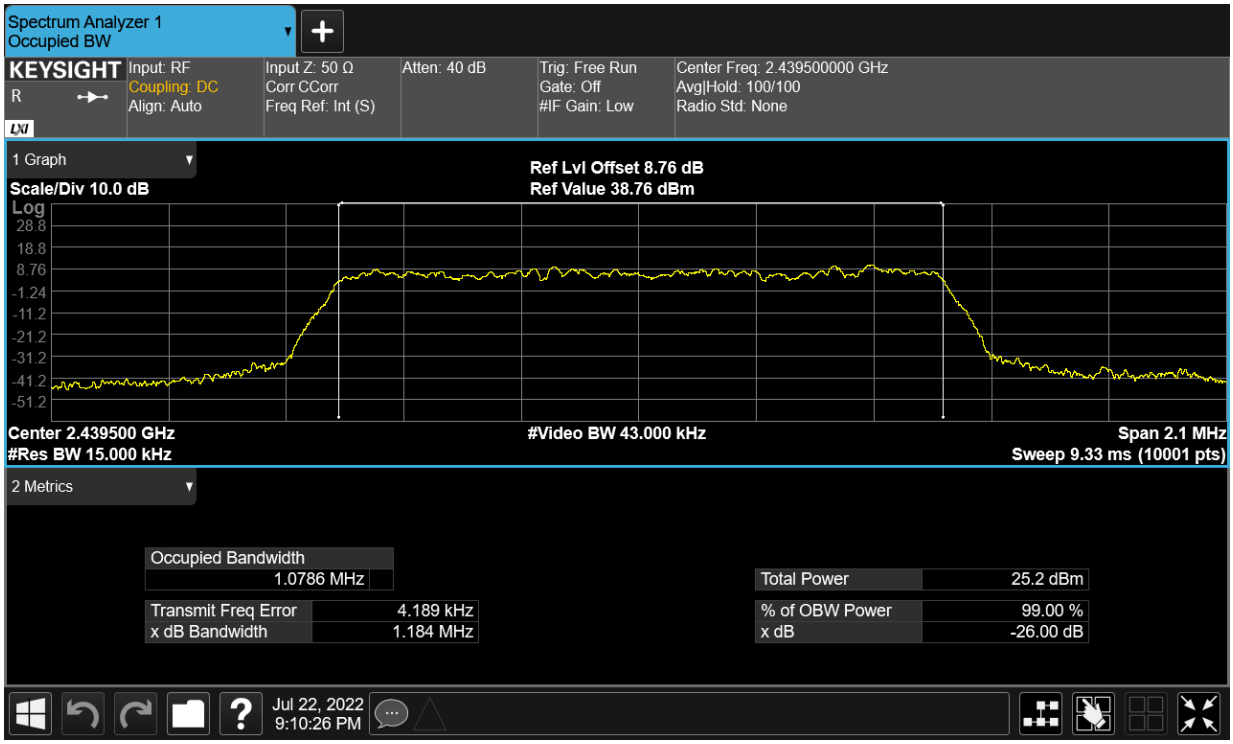
OBW NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant1



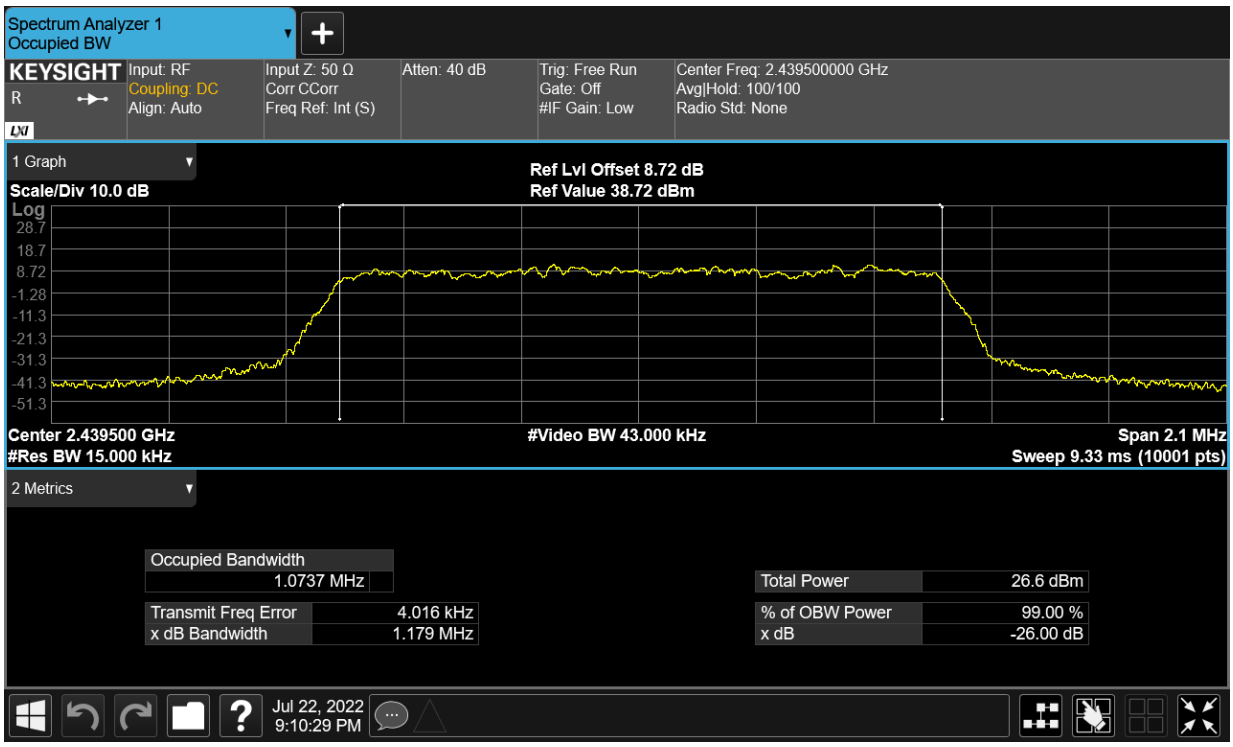
OBW NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant2



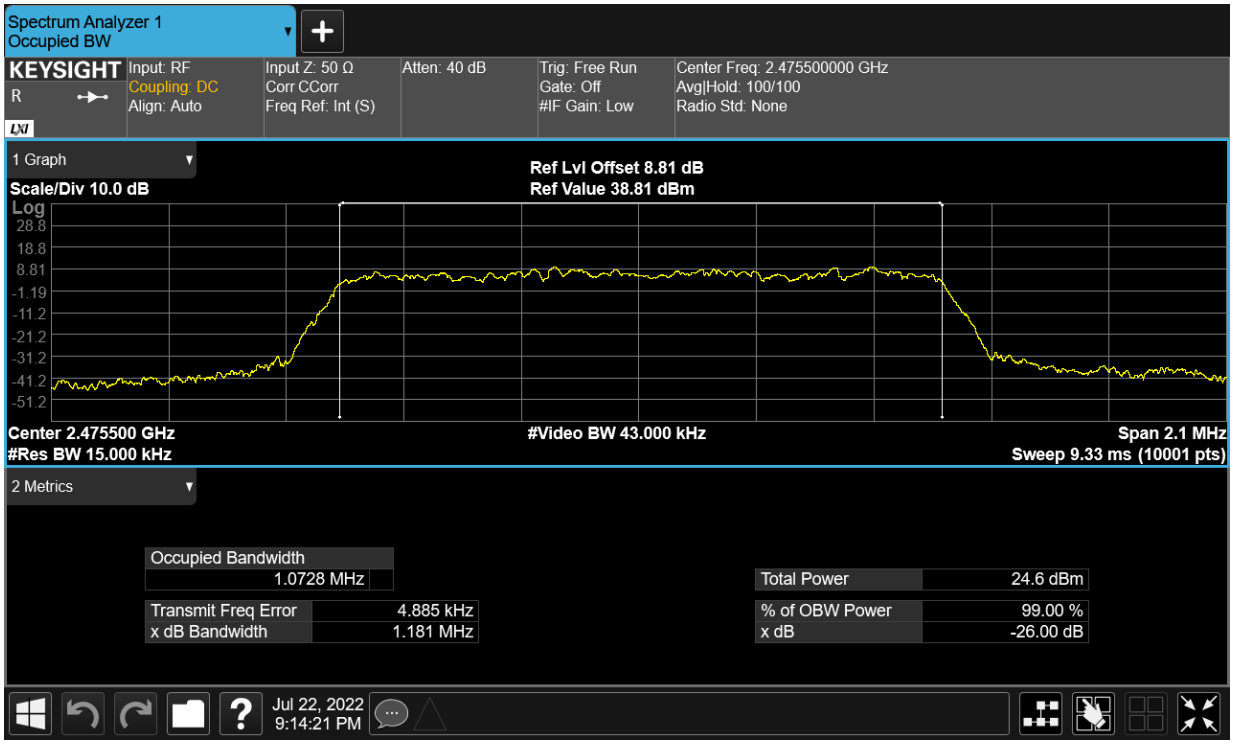
OBW NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant1



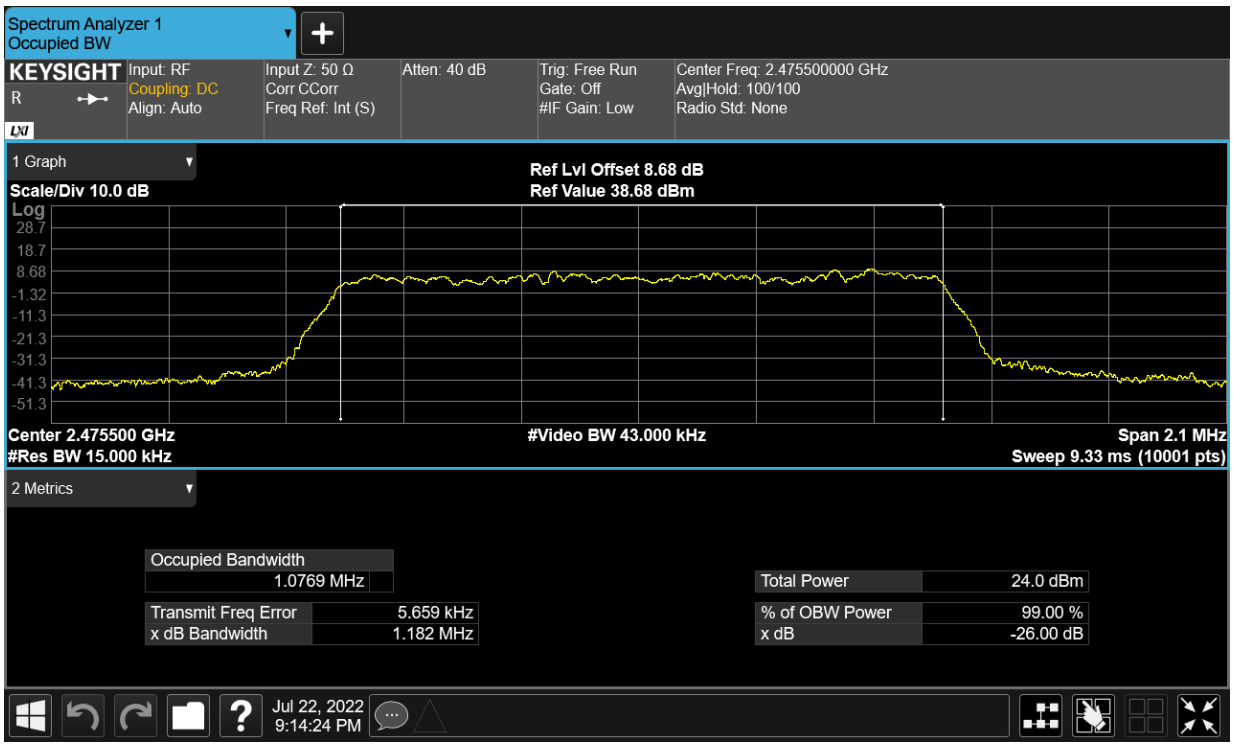
OBW NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant2



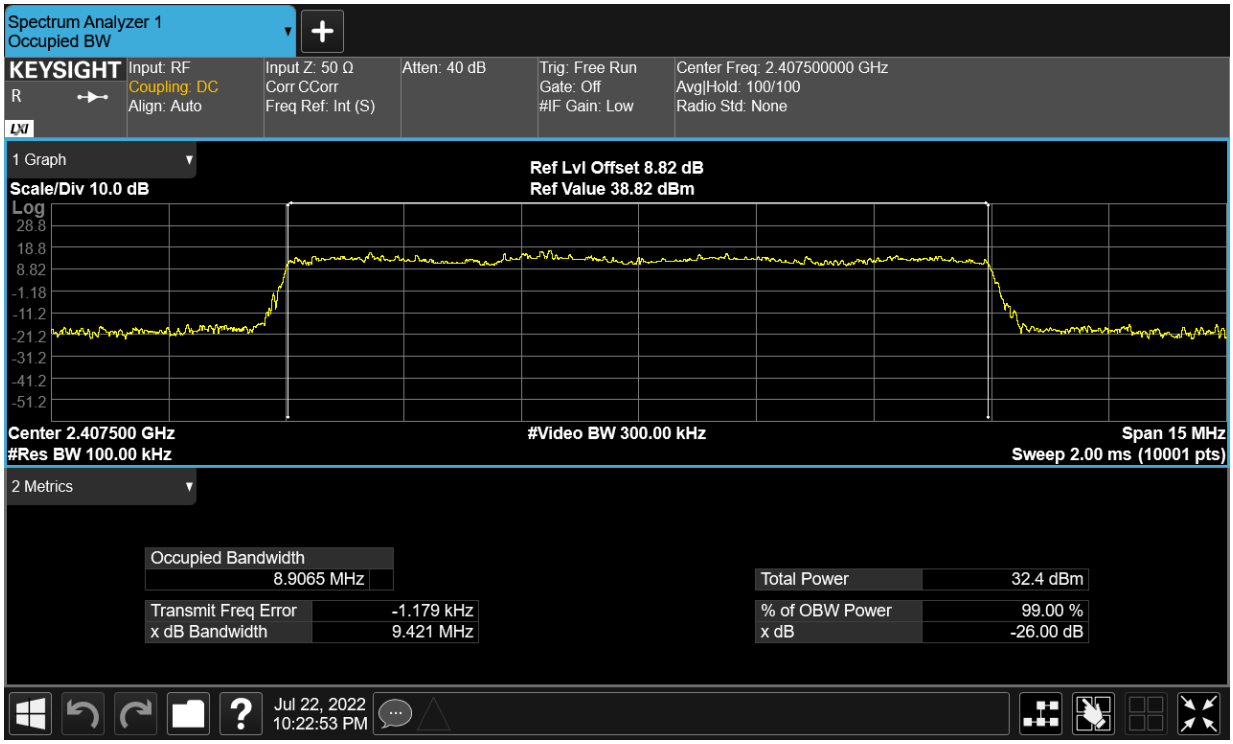
OBW NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant1



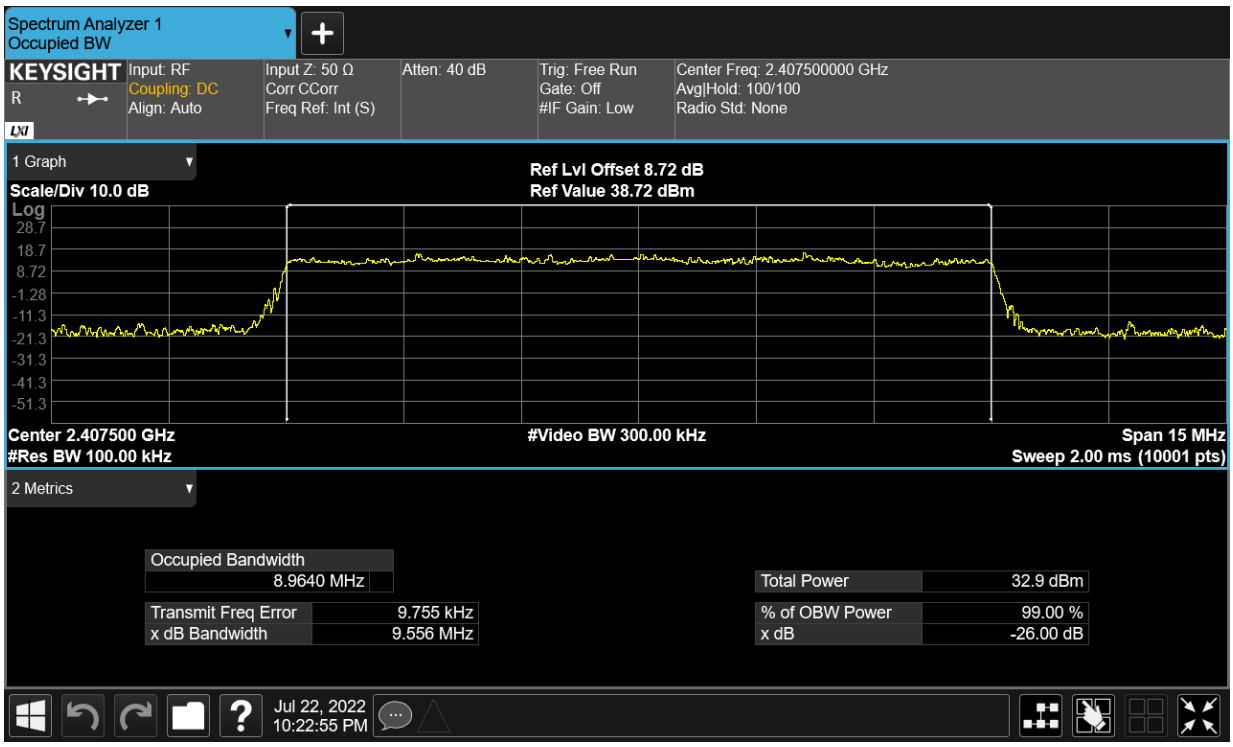
OBW NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant2



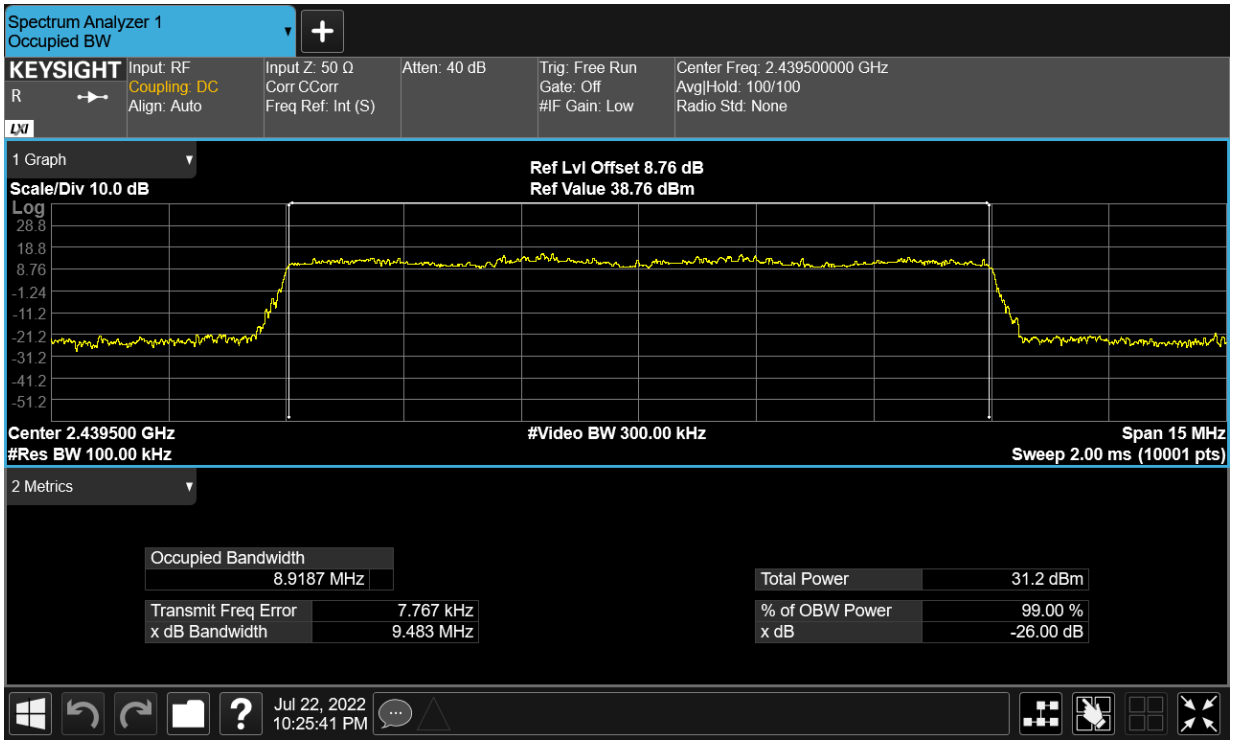
OBW NVNT 2.4G-10M-16QAM 2407.5MHz Ant1



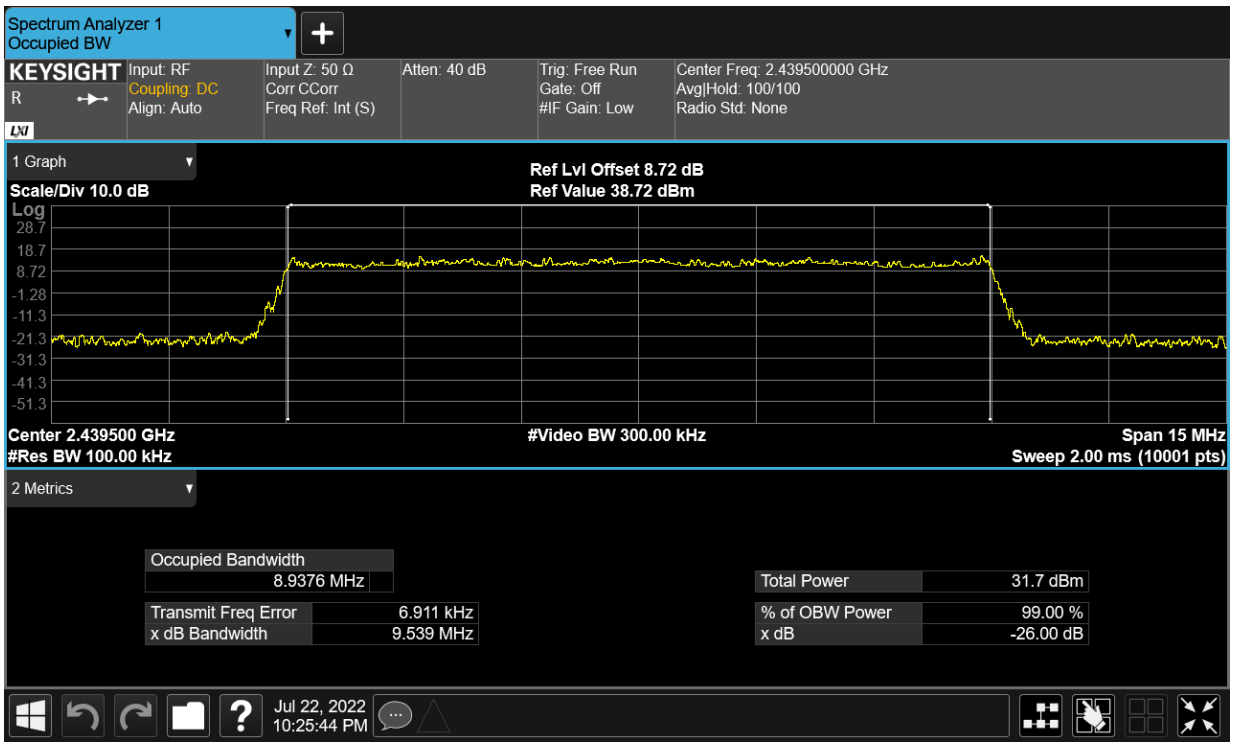
OBW NVNT 2.4G-10M-16QAM 2407.5MHz Ant2



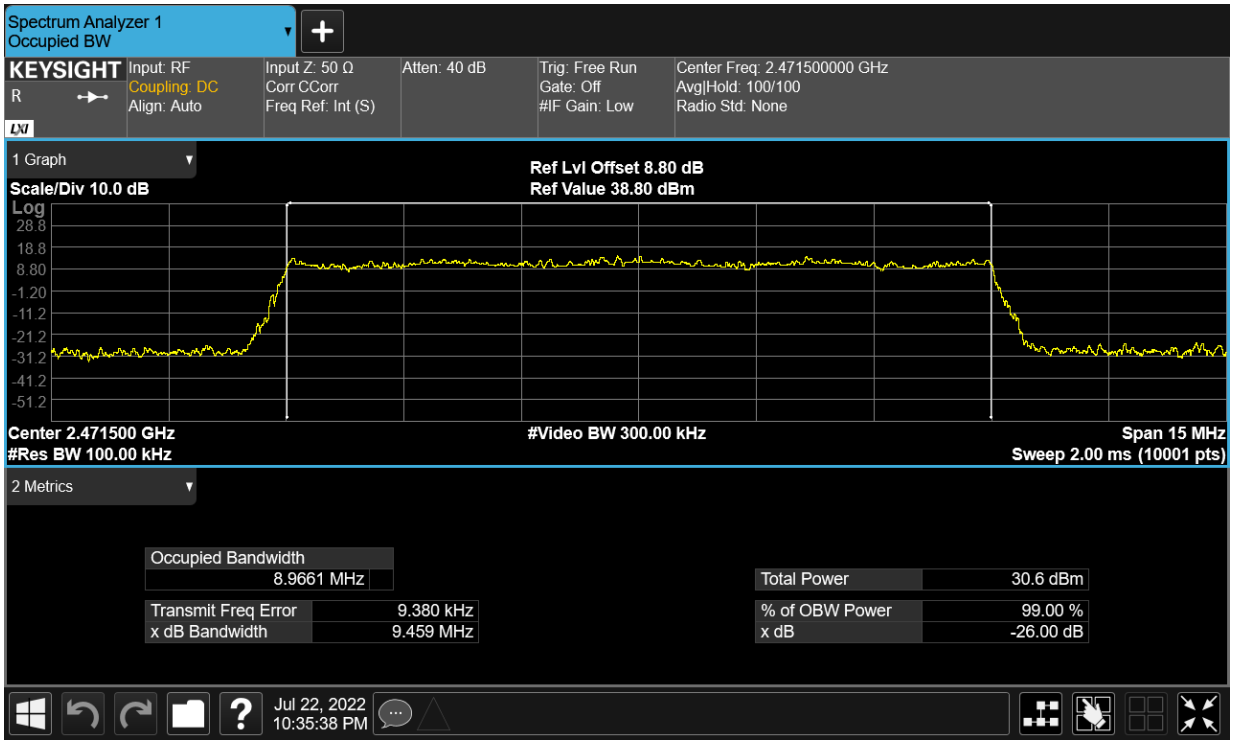
OBW NVNT 2.4G-10M-16QAM 2439.5MHz Ant1



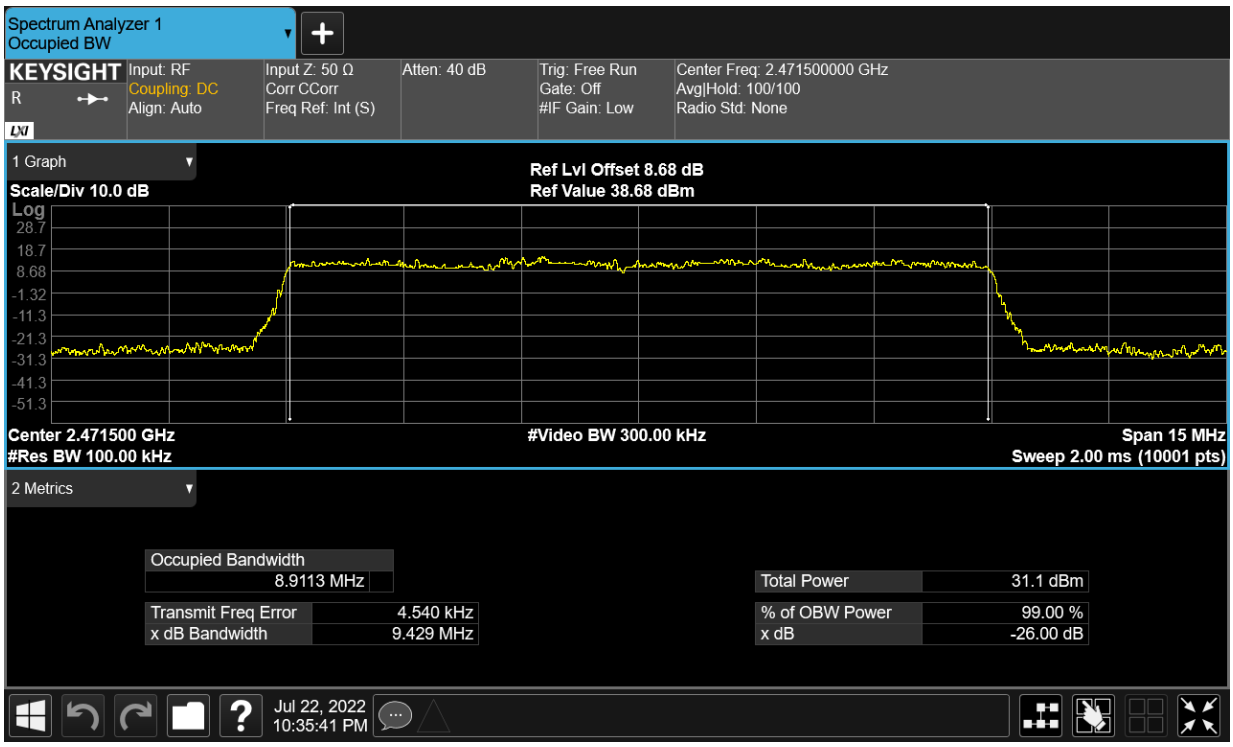
OBW NVNT 2.4G-10M-16QAM 2439.5MHz Ant2



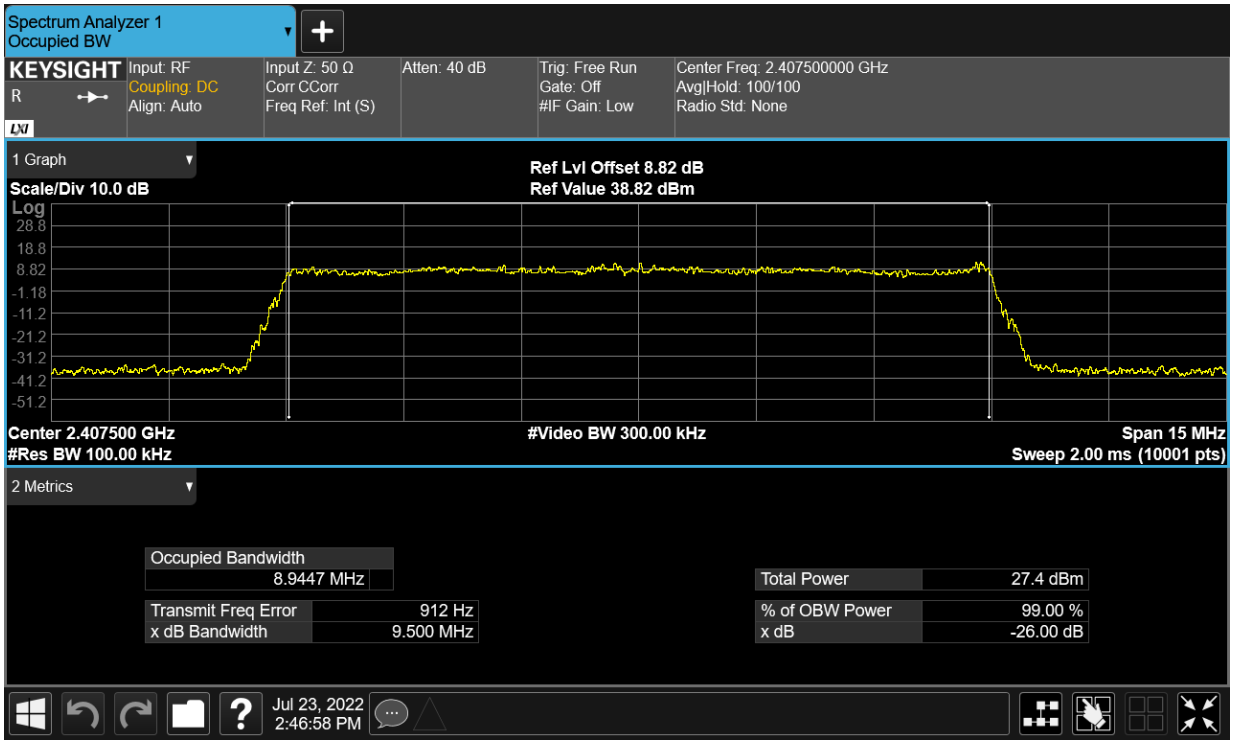
OBW NVNT 2.4G-10M-16QAM 2471.5MHz Ant1



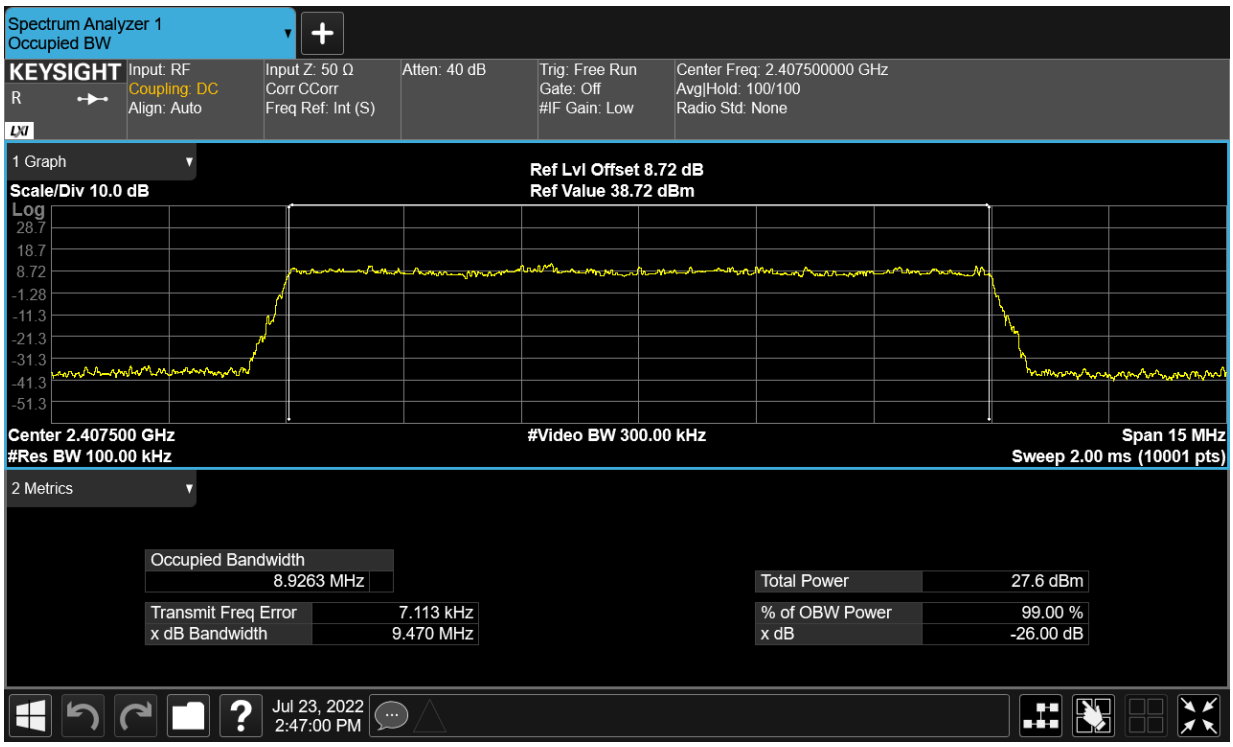
OBW NVNT 2.4G-10M-16QAM 2471.5MHz Ant2



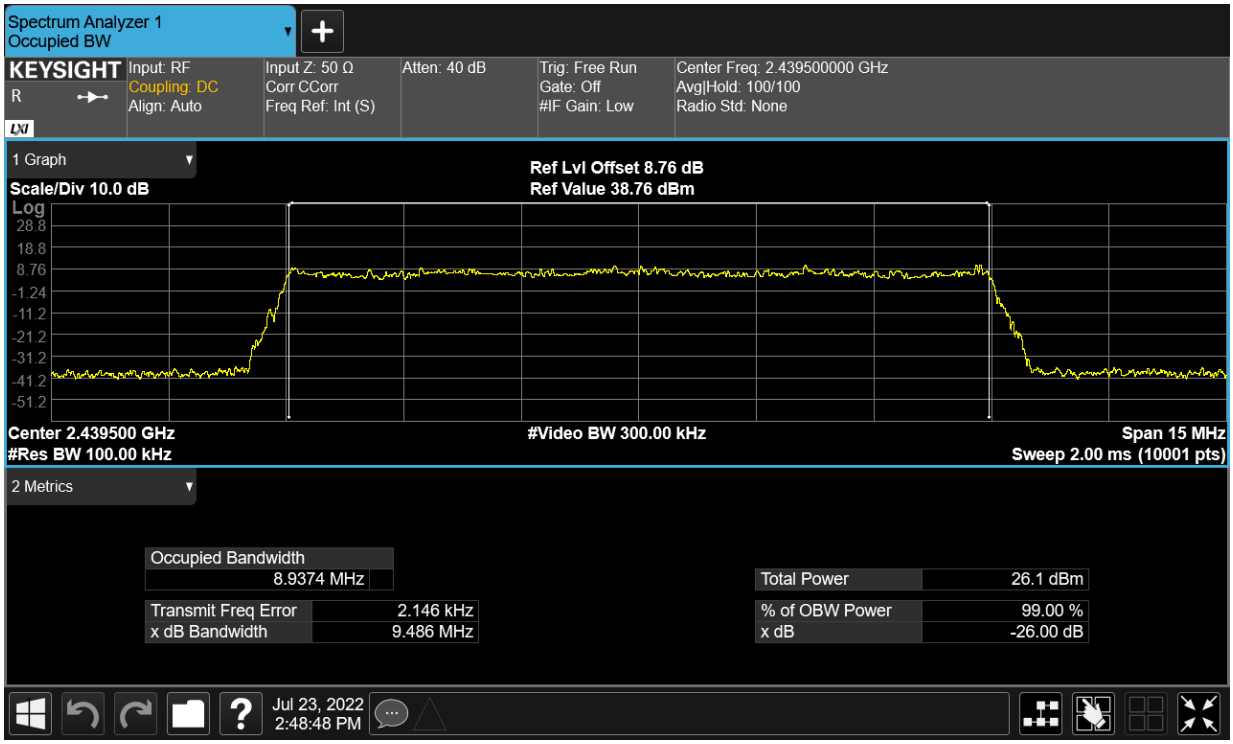
OBW NVNT 2.4G-10M-QPSK 2407.5MHz Ant1



OBW NVNT 2.4G-10M-QPSK 2407.5MHz Ant2



OBW NVNT 2.4G-10M-QPSK 2439.5MHz Ant1



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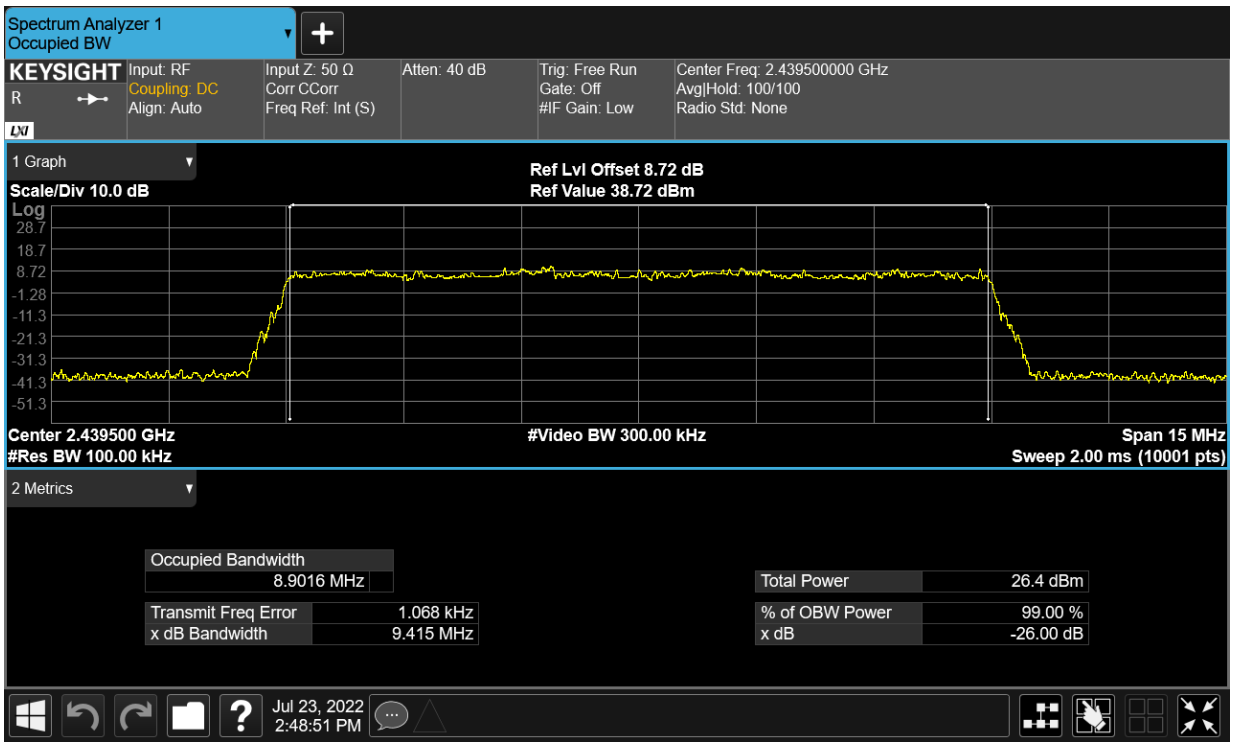
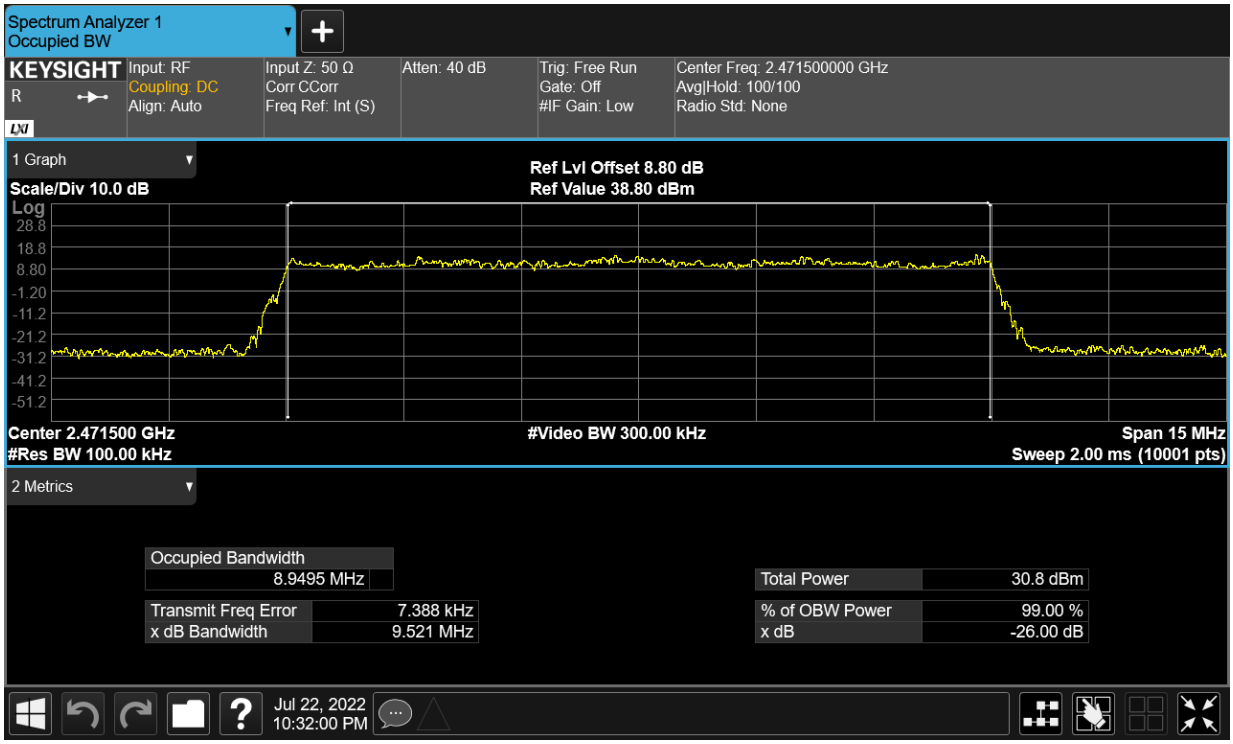
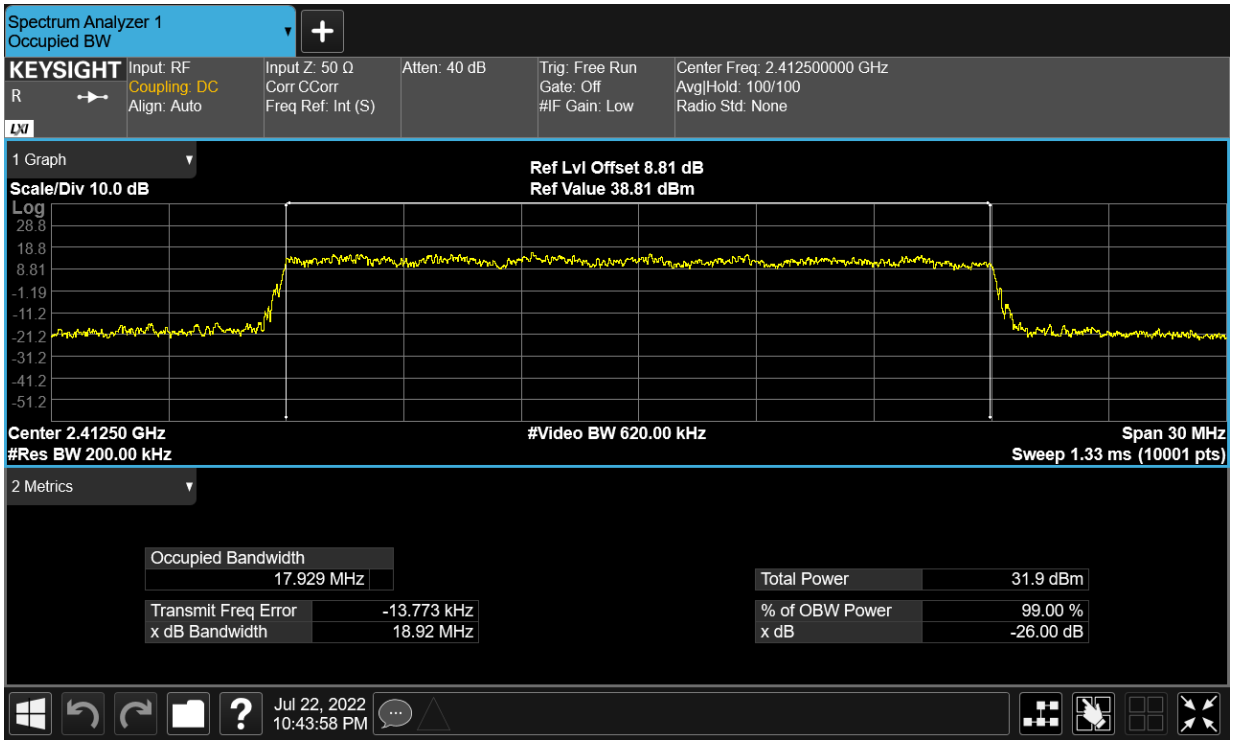


OBW NVNT 2.4G-10M-QPSK 2471.5MHz Ant1

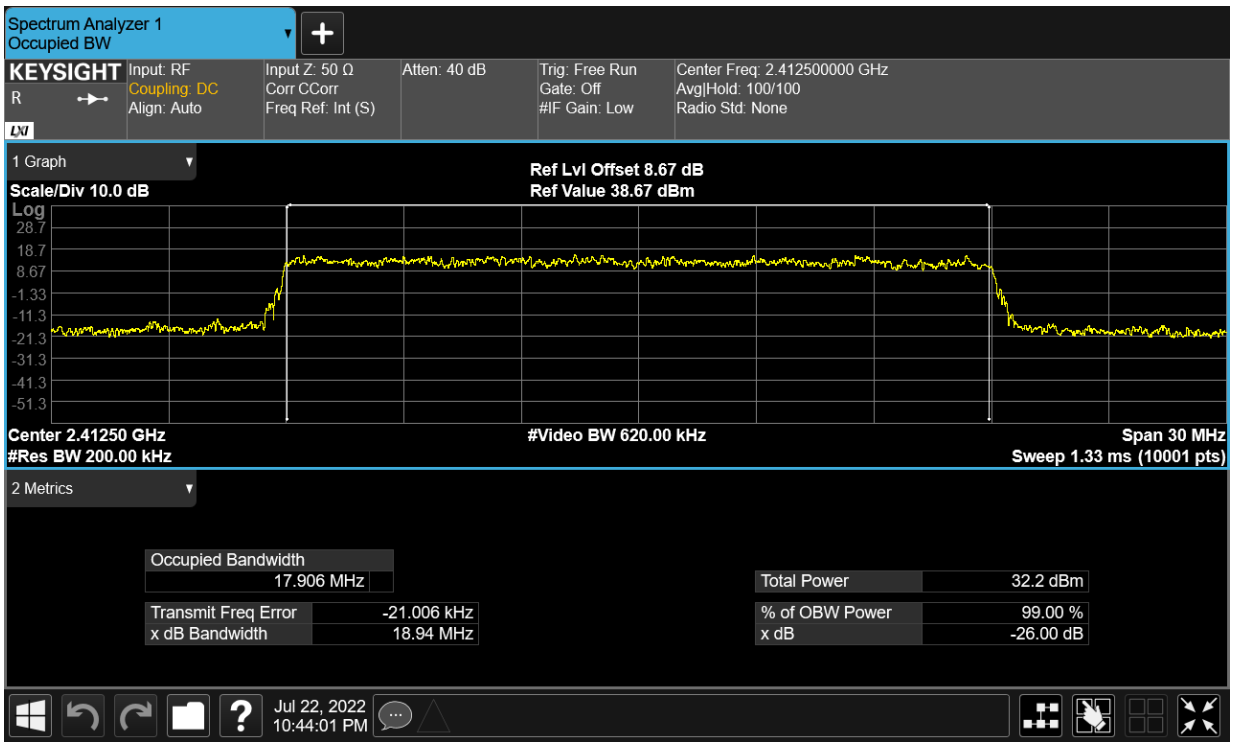


OBW NVNT 2.4G-10M-QPSK 2471.5MHz Ant2

OBW NVNT 2.4G-20M-16QAM 2412.5MHz Ant1



OBW NVNT 2.4G-20M-16QAM 2412.5MHz Ant2



OBW NVNT 2.4G-20M-16QAM 2437.5MHz Ant1