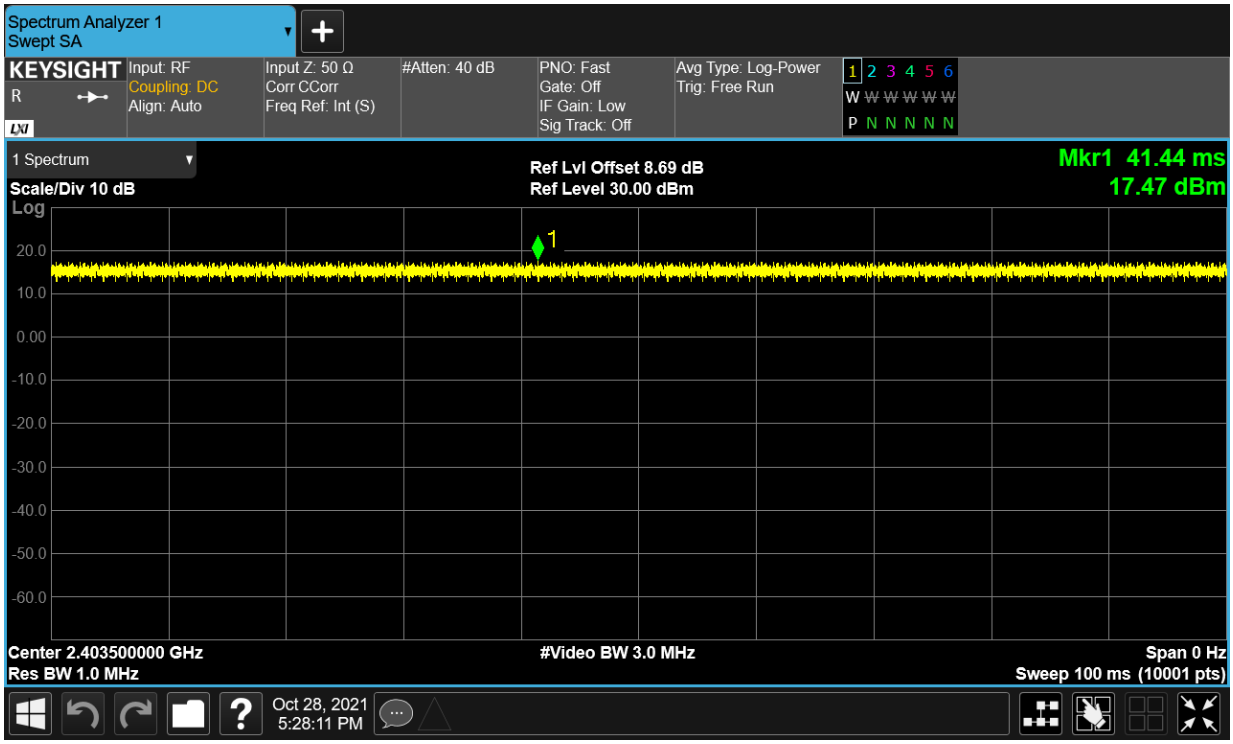
Test Data

Duty Cycle

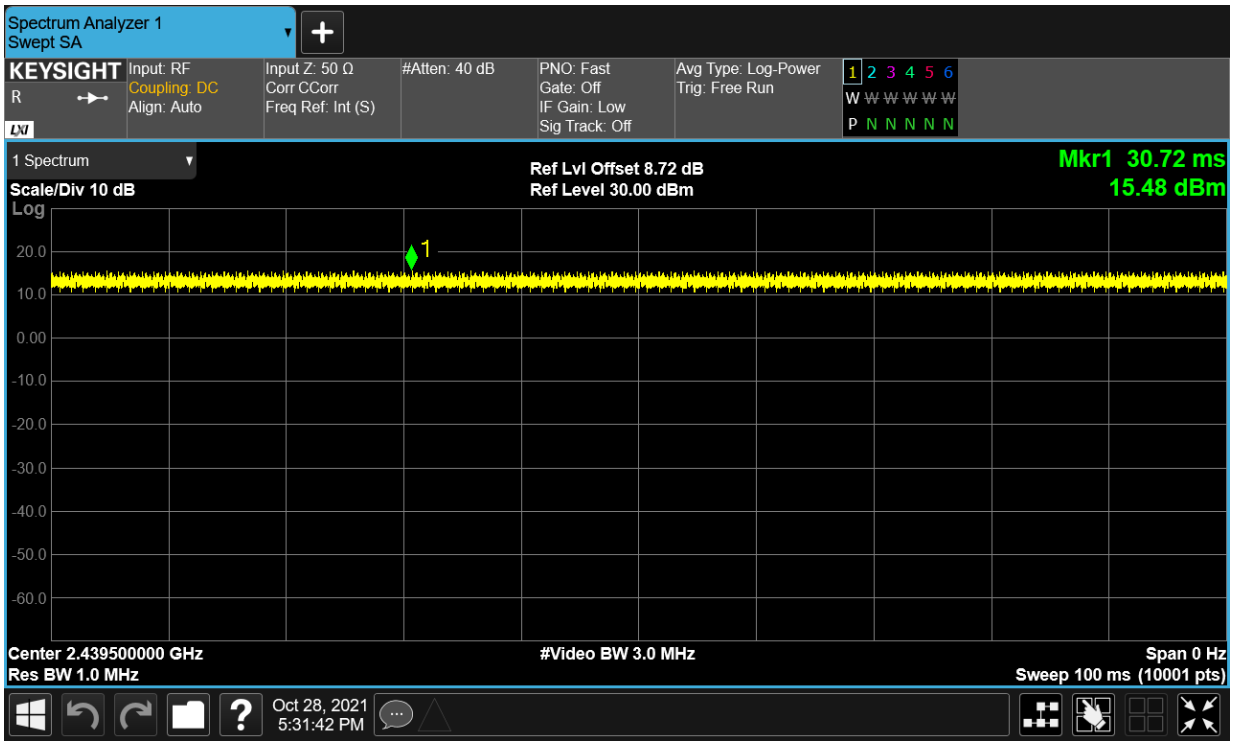
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	2.4G-1.4M-16QAM	2403.5	Sum	100	0
NVNT	2.4G-1.4M-16QAM	2439.5	Sum	100	0
NVNT	2.4G-1.4M-16QAM	2475.5	Sum	100	0
NVNT	2.4G-1.4M-QPSK	2403.5	Sum	100	0
NVNT	2.4G-1.4M-QPSK	2439.5	Sum	100	0
NVNT	2.4G-1.4M-QPSK	2475.5	Sum	100	0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

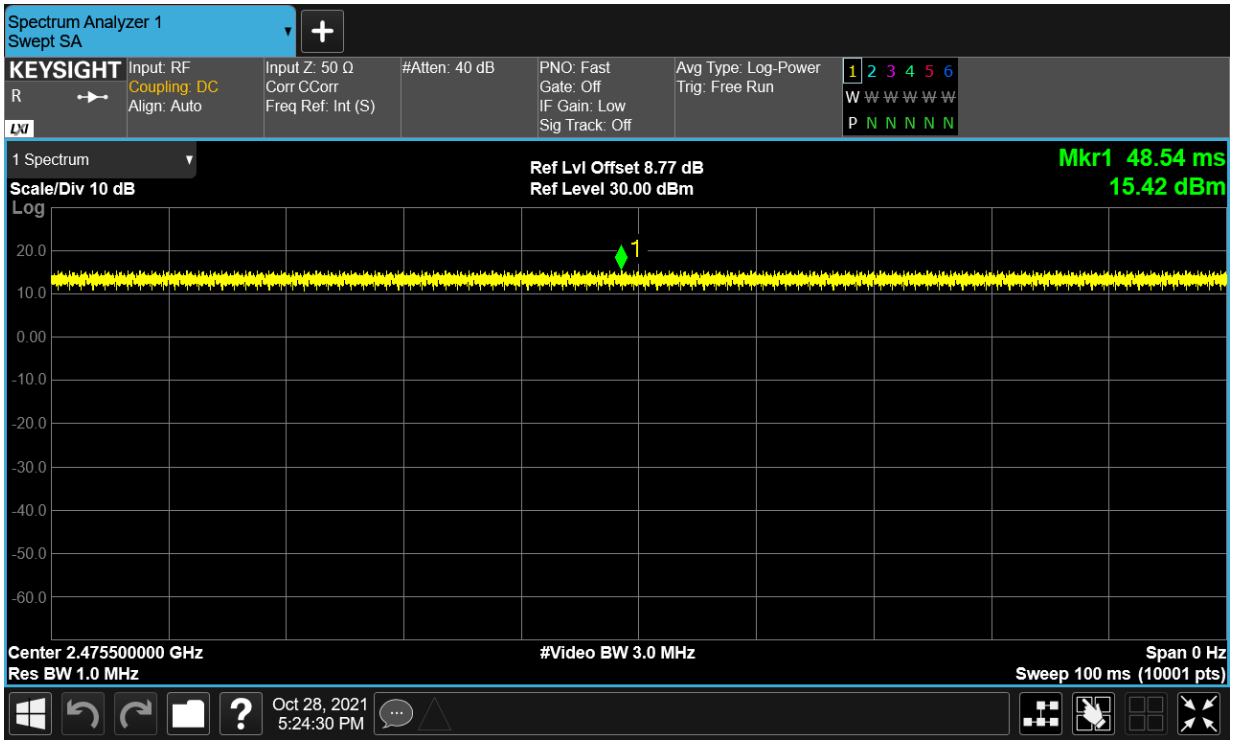
Duty Cycle NVNT 2.4G-1.4M-16QAM 2403.5MHz Sum



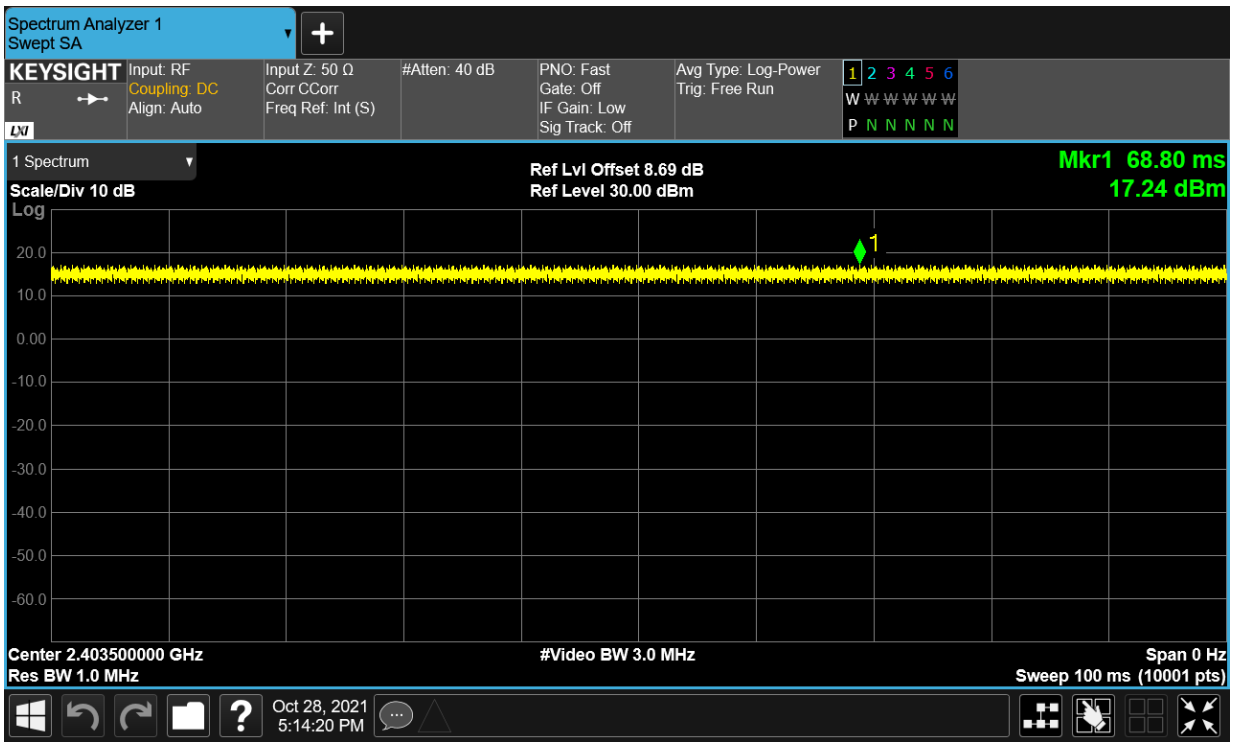
Duty Cycle NVNT 2.4G-1.4M-16QAM 2439.5MHz Sum



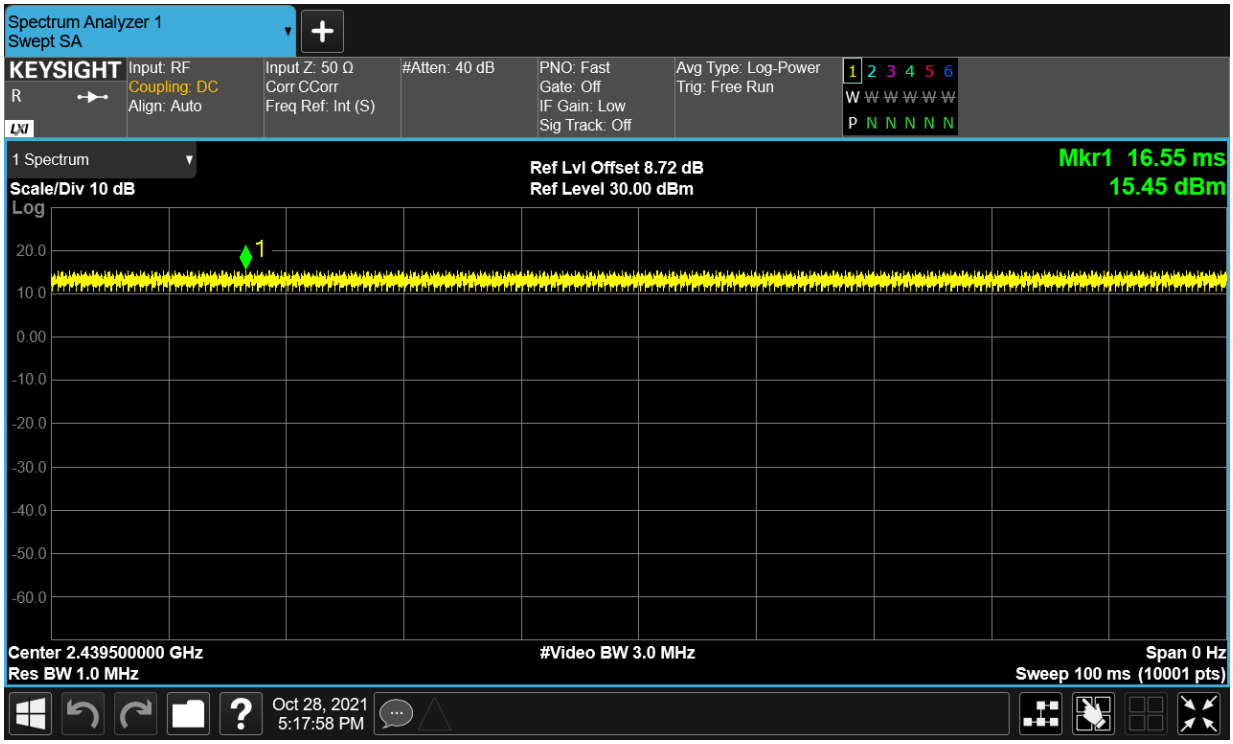
Duty Cycle NVNT 2.4G-1.4M-16QAM 2475.5MHz Sum



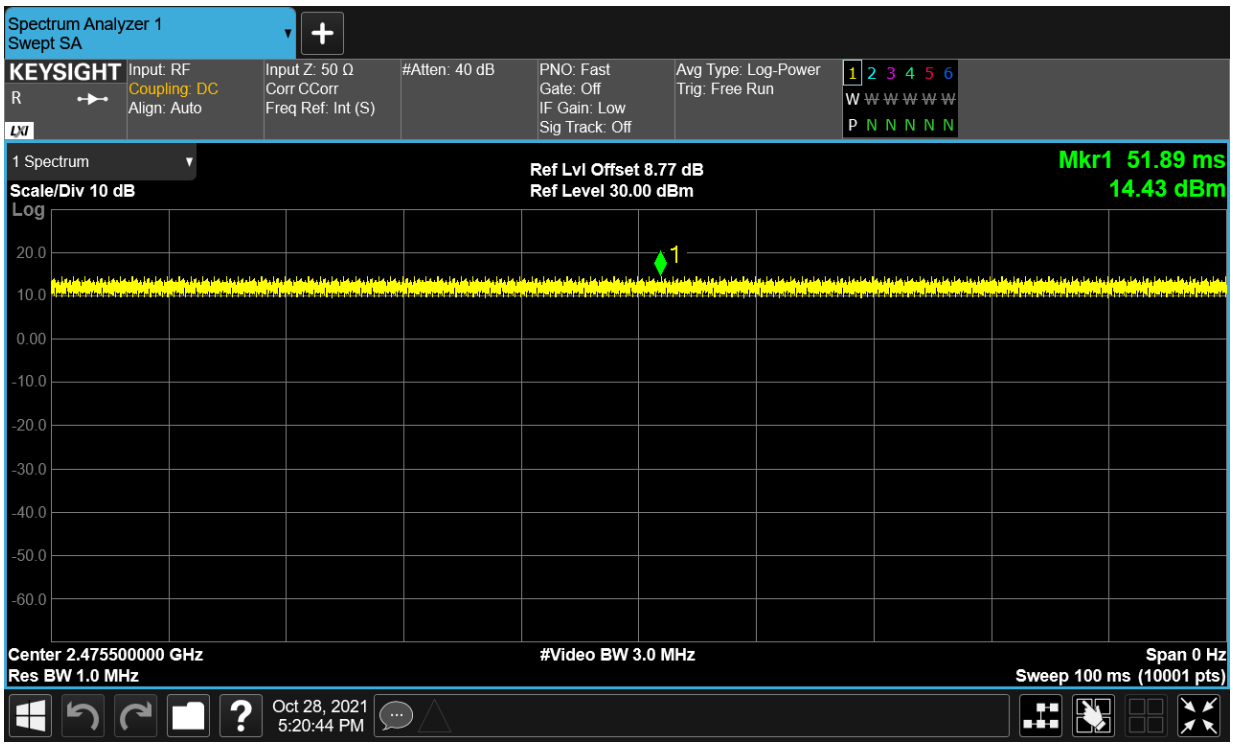
Duty Cycle NVNT 2.4G-1.4M-QPSK 2403.5MHz Sum



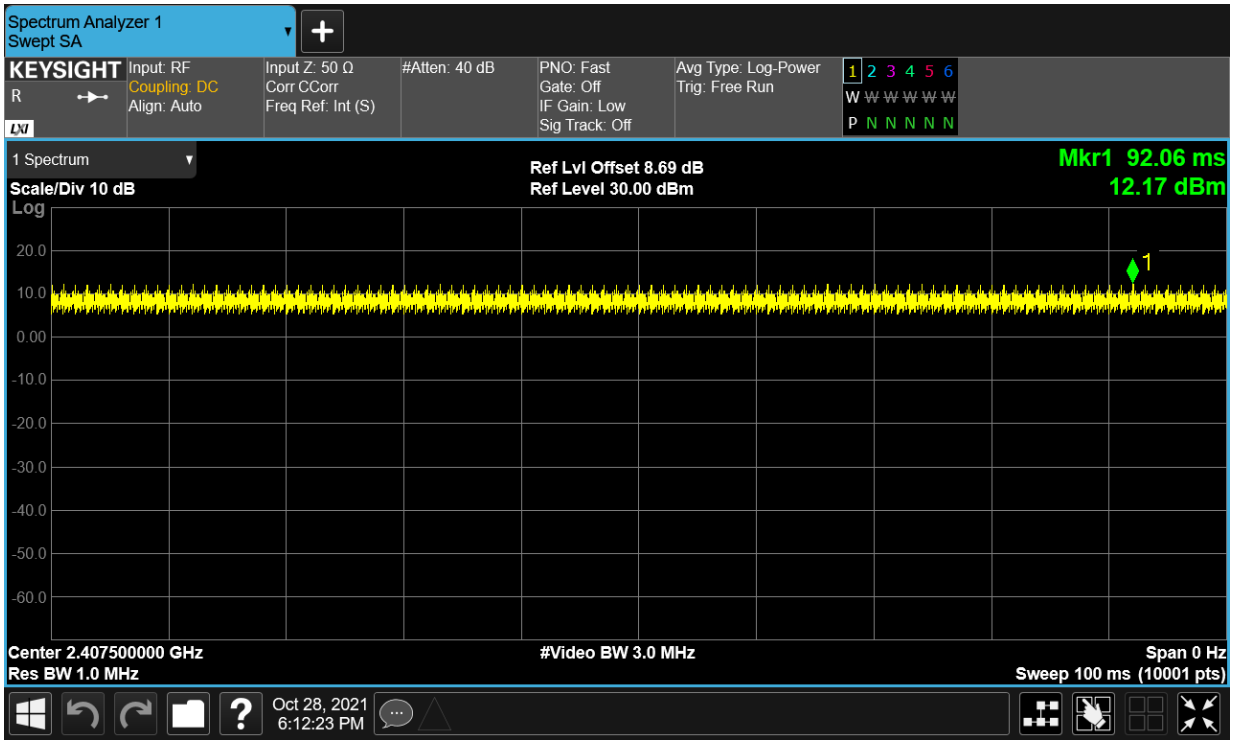
Duty Cycle NVNT 2.4G-1.4M-QPSK 2439.5MHz Sum



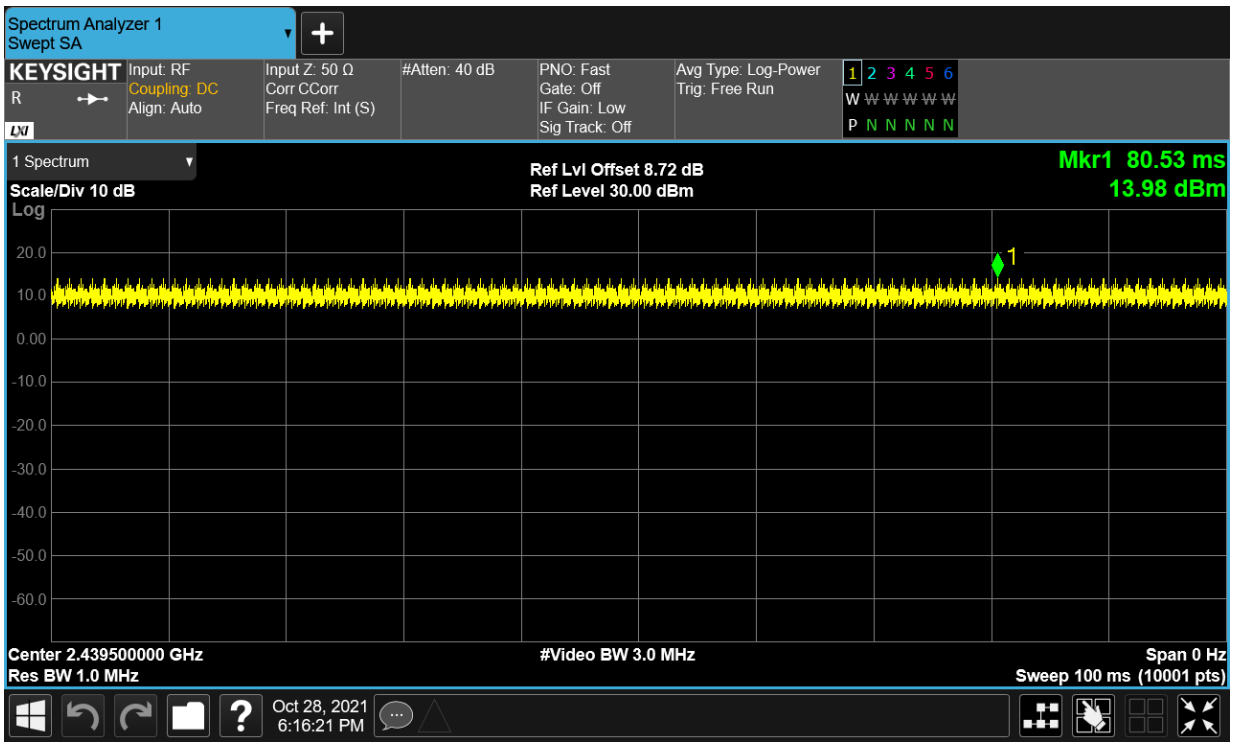
Duty Cycle NVNT 2.4G-1.4M-QPSK 2475.5MHz Sum



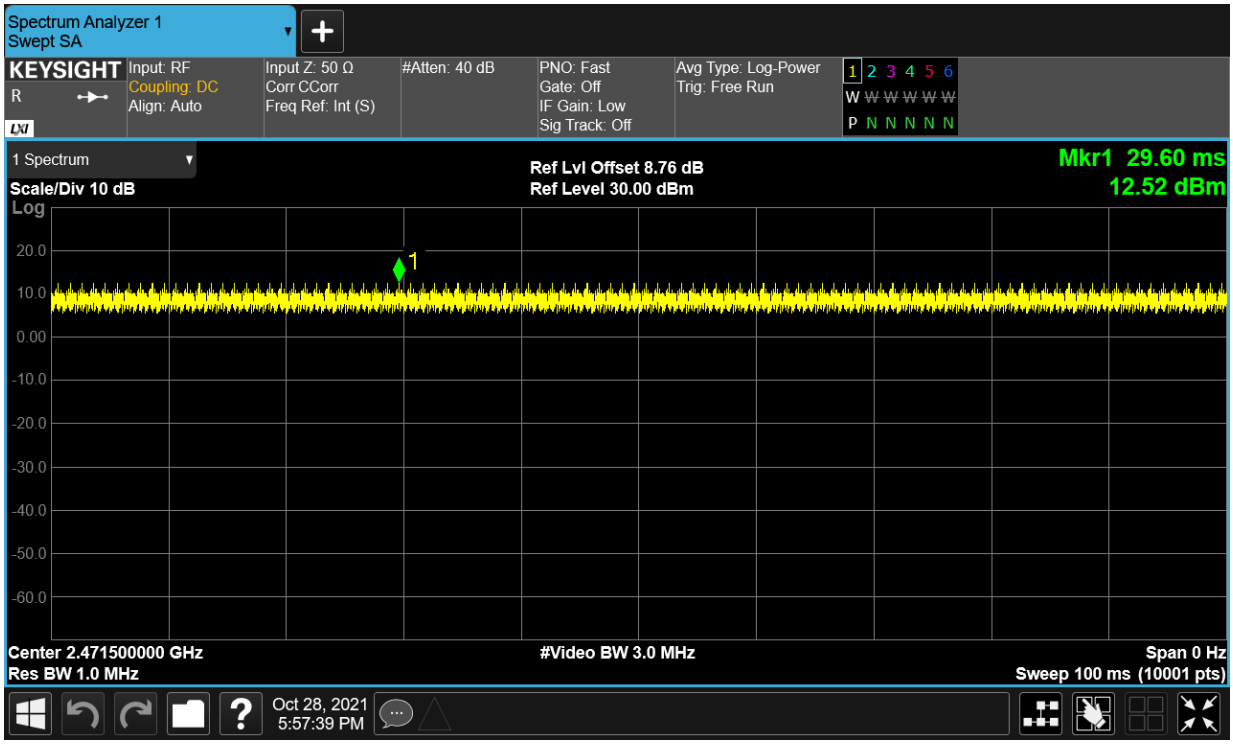
Duty Cycle NVNT 2.4G-10M-16QAM 2407.5MHz Sum



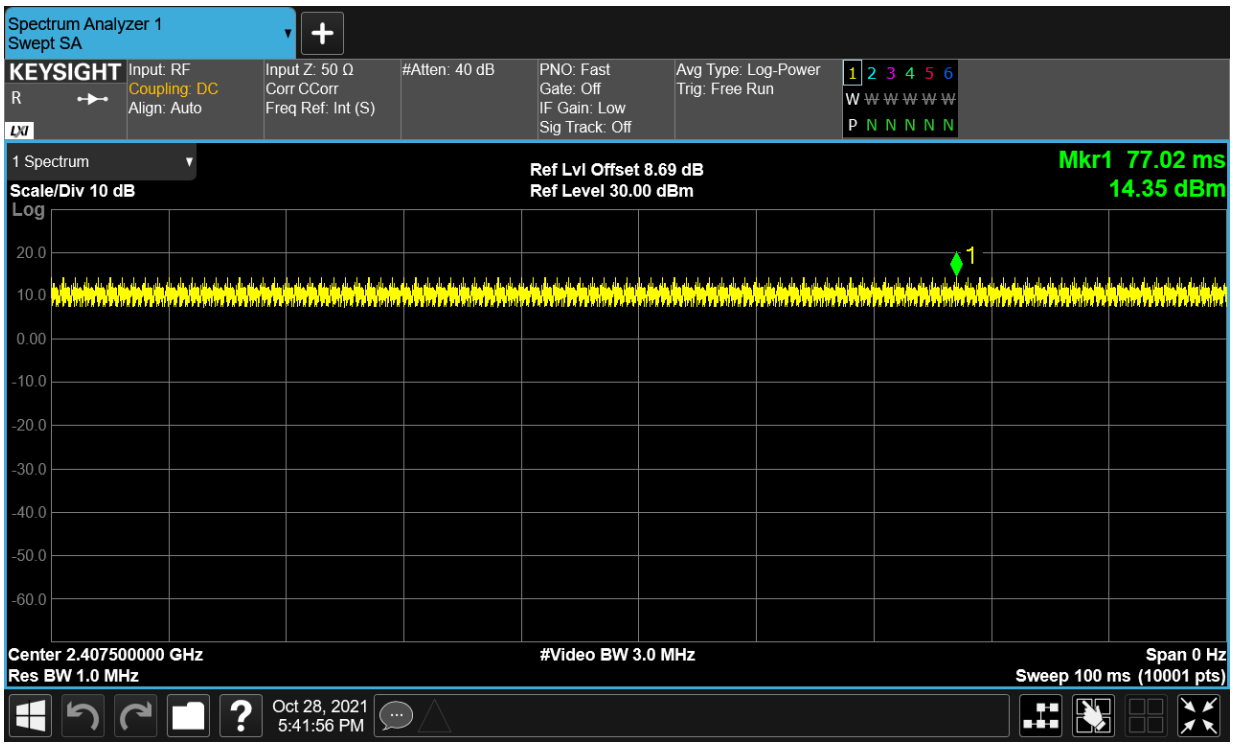
Duty Cycle NVNT 2.4G-10M-16QAM 2439.5MHz Sum



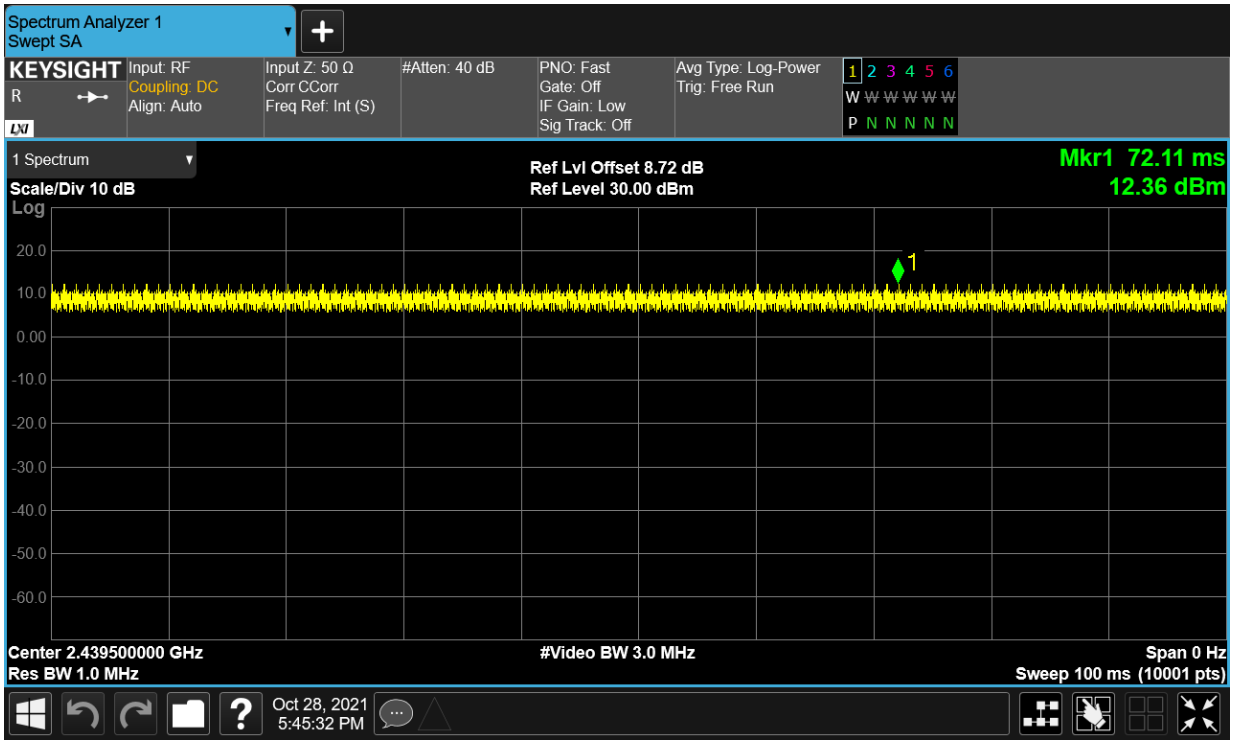
Duty Cycle NVNT 2.4G-10M-16QAM 2471.5MHz Sum



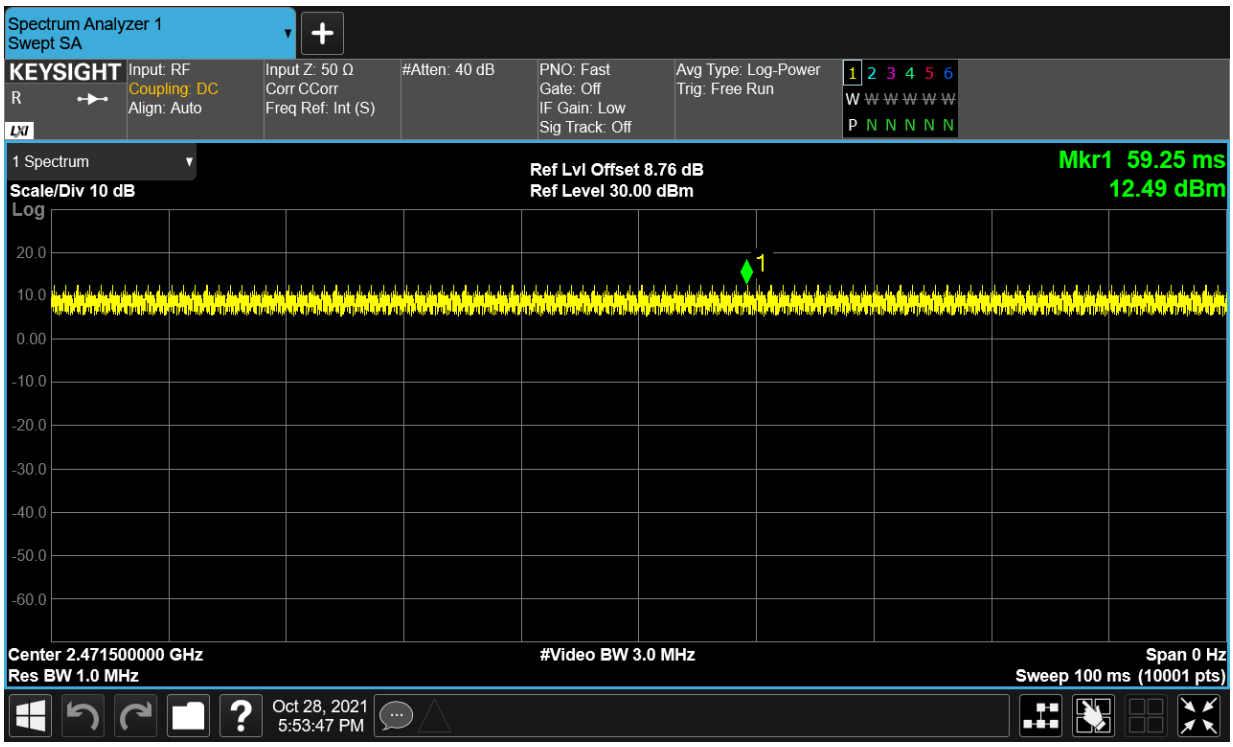
Duty Cycle NVNT 2.4G-10M-QPSK 2407.5MHz Sum



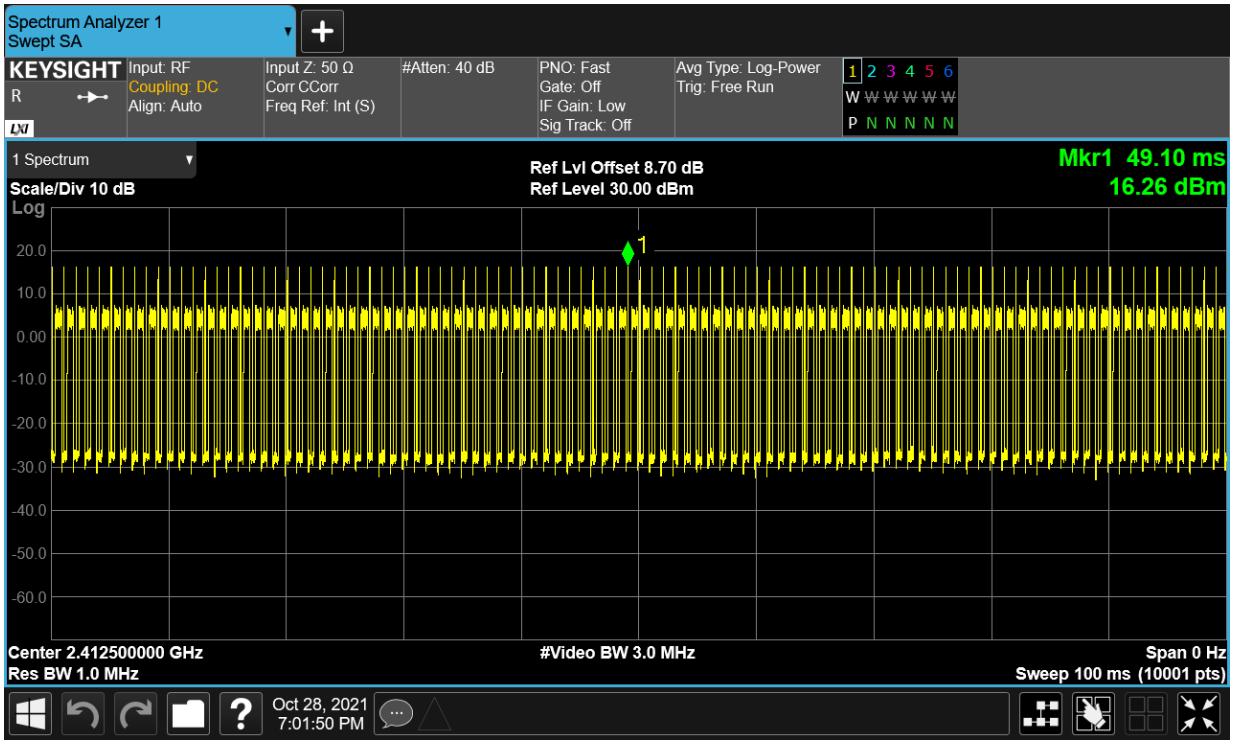
Duty Cycle NVNT 2.4G-10M-QPSK 2439.5MHz Sum



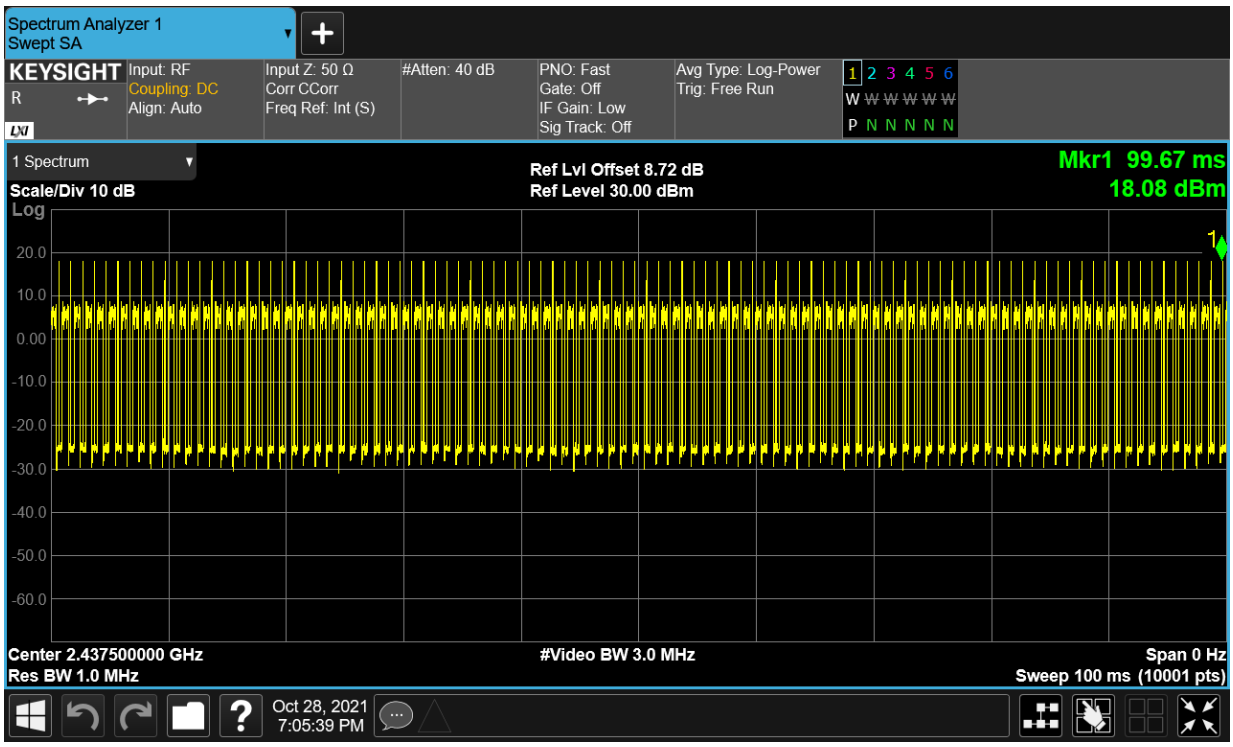
Duty Cycle NVNT 2.4G-10M-QPSK 2471.5MHz Sum



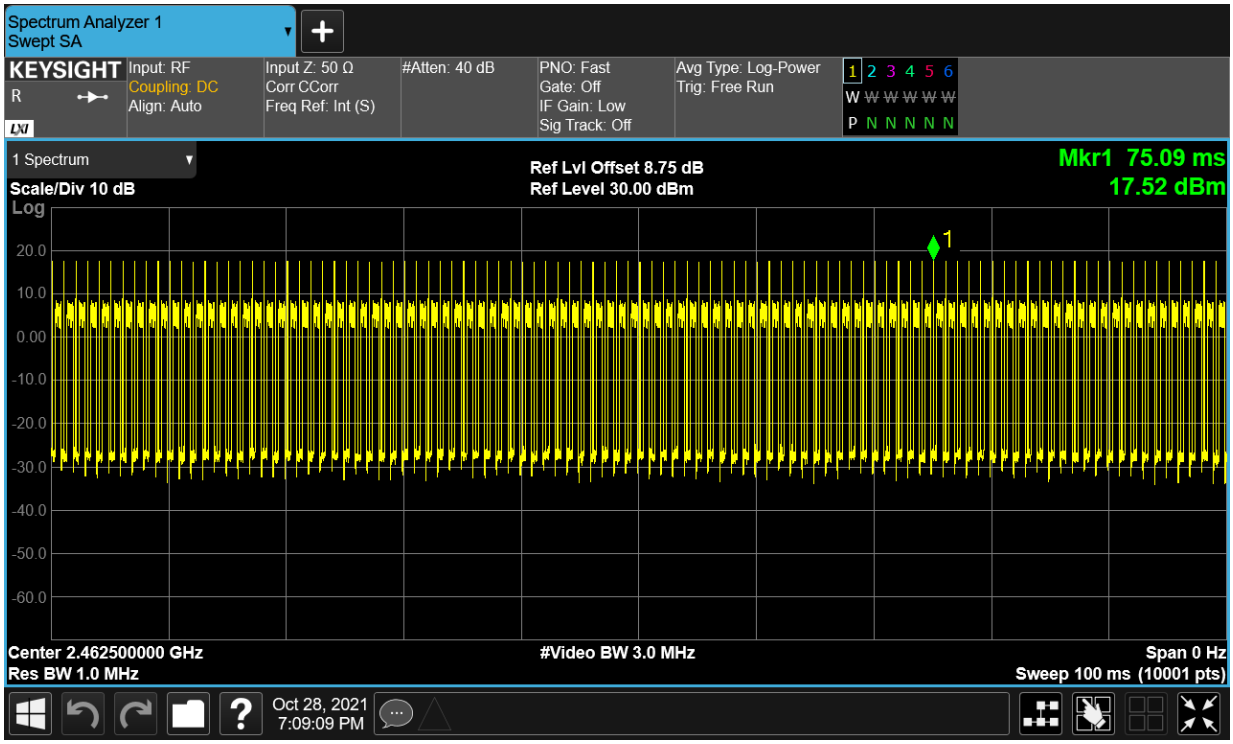
Duty Cycle NVNT 2.4G-20M-16QAM 2412.5MHz Sum



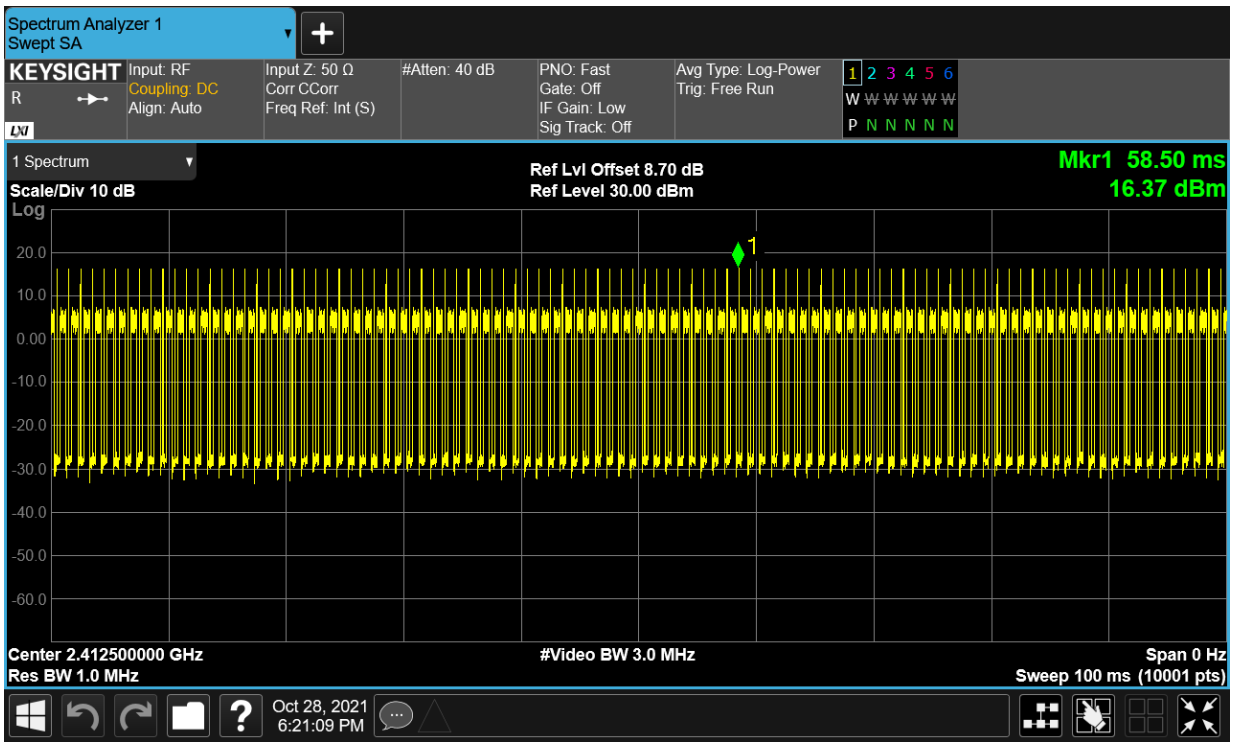
Duty Cycle NVNT 2.4G-20M-16QAM 2437.5MHz Sum



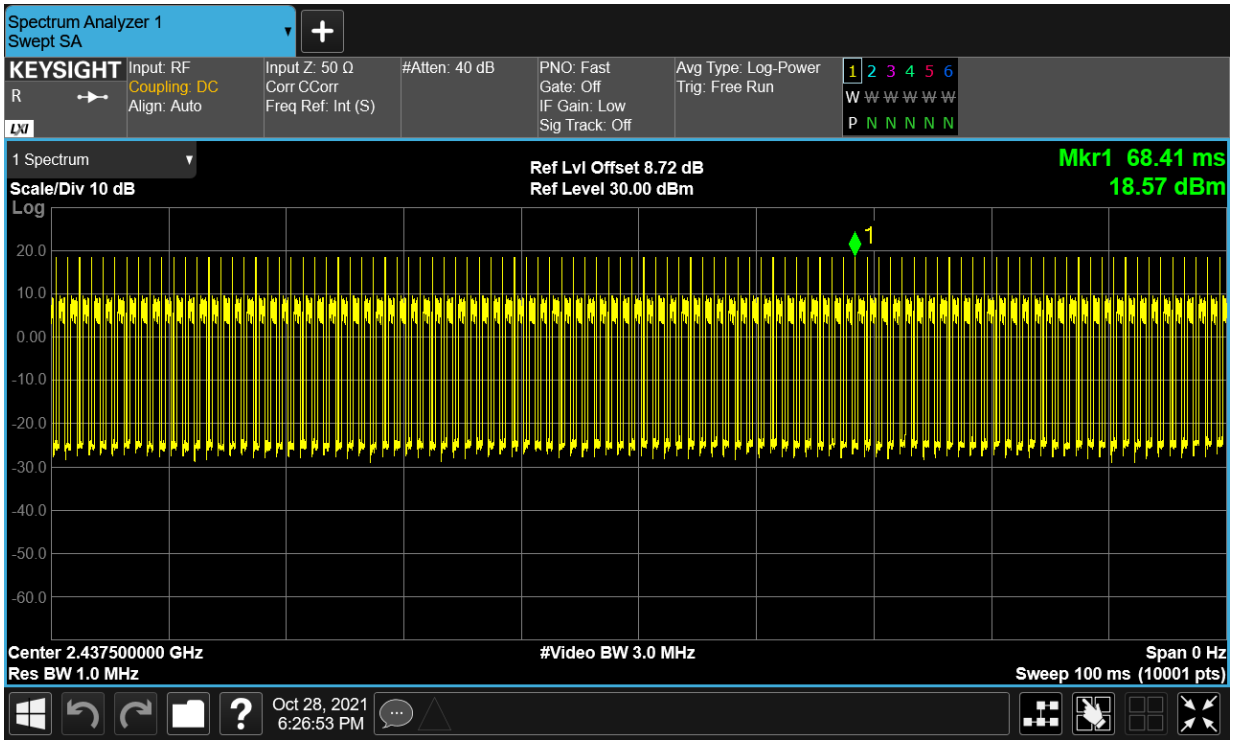
Duty Cycle NVNT 2.4G-20M-16QAM 2462.5MHz Sum



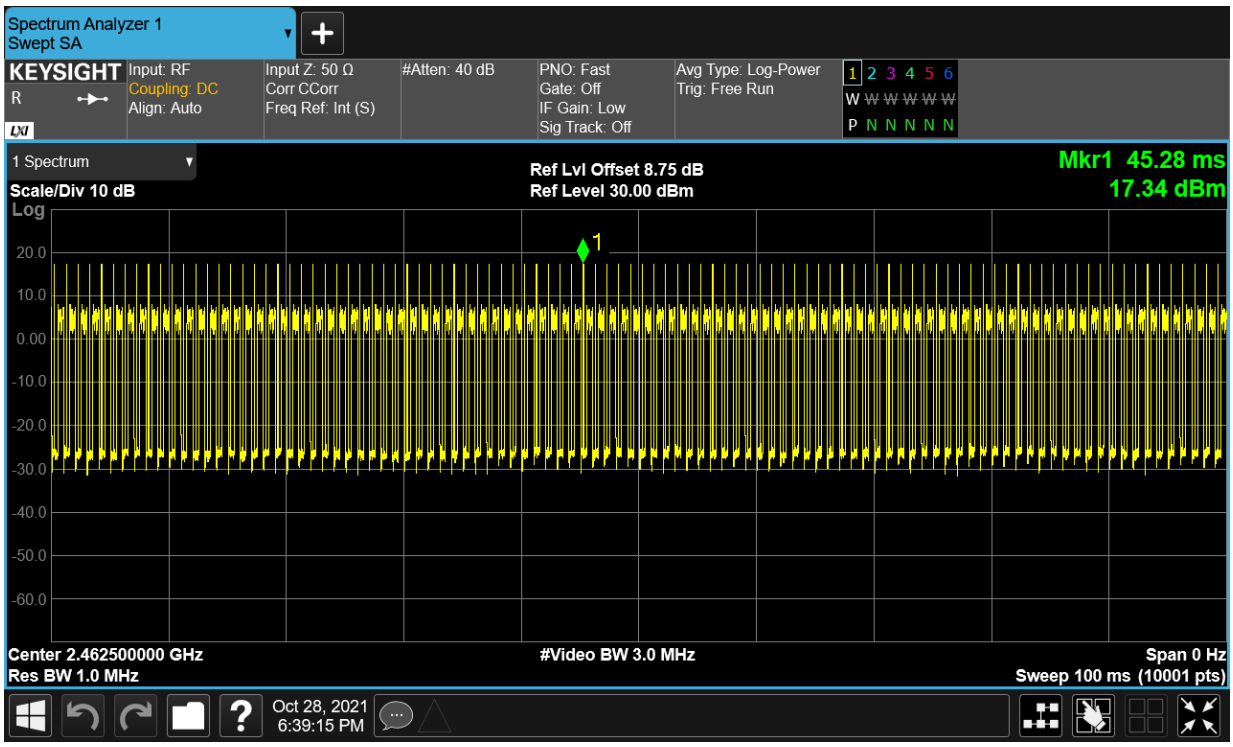
Duty Cycle NVNT 2.4G-20M-QPSK 2412.5MHz Sum



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



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



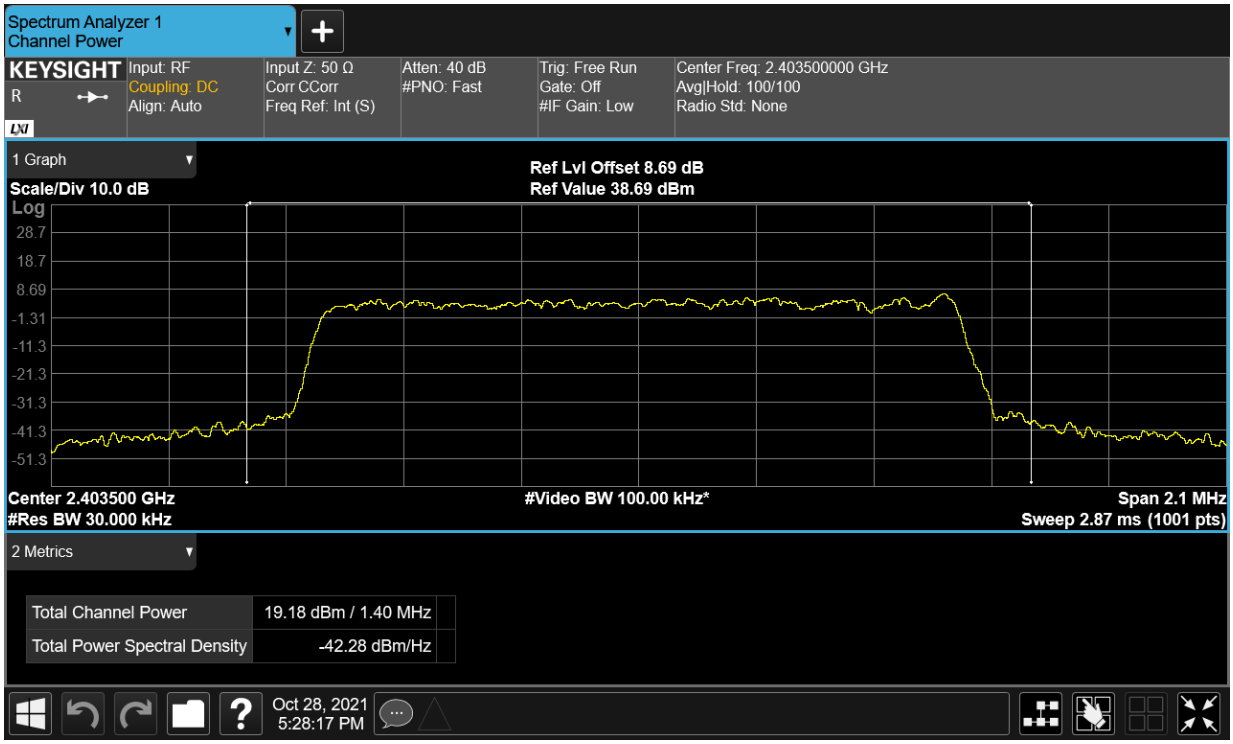
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	19.18	0	19.18	30	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	16.977	0	16.977	30	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Sum	21.227	0	21.227	30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	16.997	0	16.997	30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	18.353	0	18.353	30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Sum	20.738	0	20.738	30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	17.194	0	17.194	30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	16.358	0	16.358	30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Sum	19.806	0	19.806	30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	16.754	0	16.754	30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	14.634	0	14.634	30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Sum	18.832	0	18.832	30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	16.983	0	16.983	30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	18.285	0	18.285	30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Sum	20.693	0	20.693	30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	15.982	0	15.982	30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	17.927	0	17.927	30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Sum	20.073	0	20.073	30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant1	19.073	0	19.073	30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant2	16.402	0	16.402	30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Sum	20.95	0	20.95	30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant1	20.91	0	20.91	30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant2	18.868	0	18.868	30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Sum	23.018	0	23.018	30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant1	19.06	0	19.06	30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant2	19.807	0	19.807	30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Sum	22.46	0	22.46	30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant1	20.82	0	20.82	30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant2	20.23	0	20.23	30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Sum	23.545	0	23.545	30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant1	20.105	0	20.105	30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant2	20.022	0	20.022	30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Sum	23.074	0	23.074	30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant1	19.043	0	19.043	30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant2	19.739	0	19.739	30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Sum	22.415	0	22.415	30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant1	17.856	0	17.856	30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant2	17.116	0	17.116	30	Pass

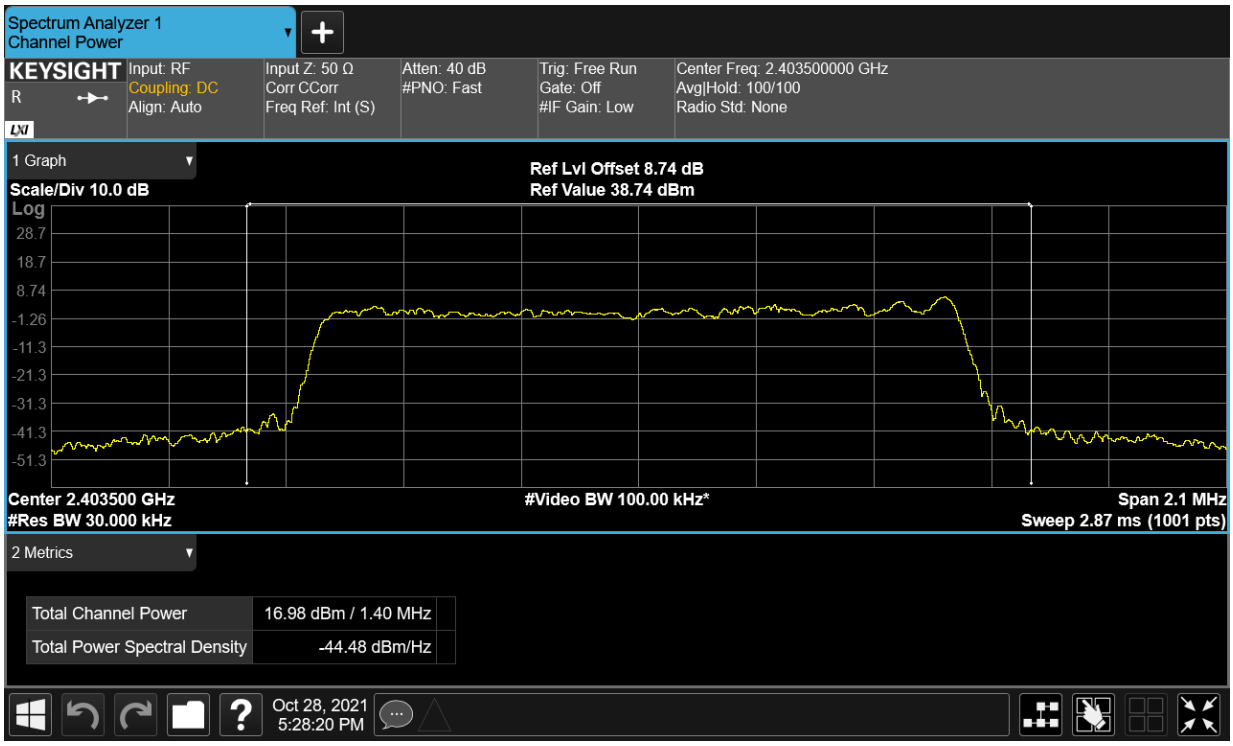
NVNT	2.4G-20M-16QAM	2412.5	Sum	20.512	0	20.512	30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant1	20.118	0	20.118	30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant2	19.467	0	19.467	30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Sum	22.815	0	22.815	30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant1	19.005	0	19.005	30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant2	19.415	0	19.415	30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Sum	22.225	0	22.225	30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	17.908	0	17.908	30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant2	17.197	0	17.197	30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Sum	20.577	0	20.577	30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant1	20.029	0	20.029	30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant2	20.118	0	20.118	30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Sum	23.084	0	23.084	30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant1	19.646	0	19.646	30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant2	19.757	0	19.757	30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Sum	22.712	0	22.712	30	Pass

Test Graphs

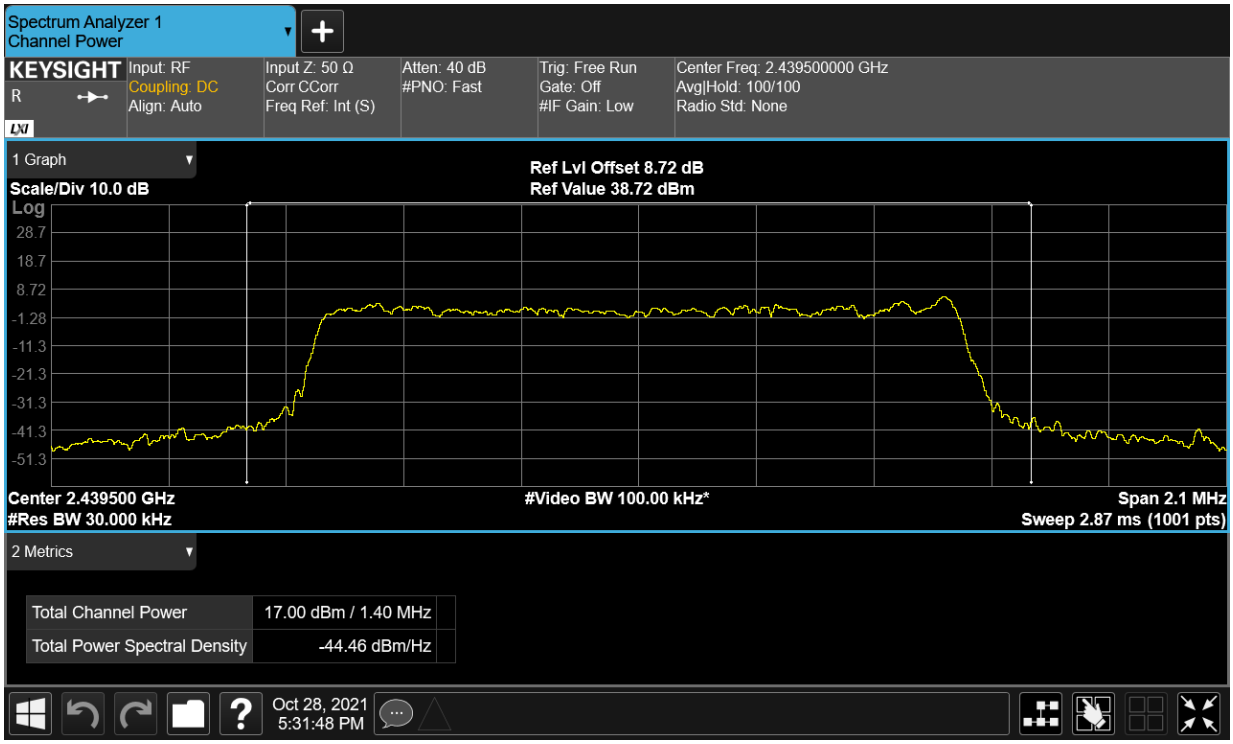
Power NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant1



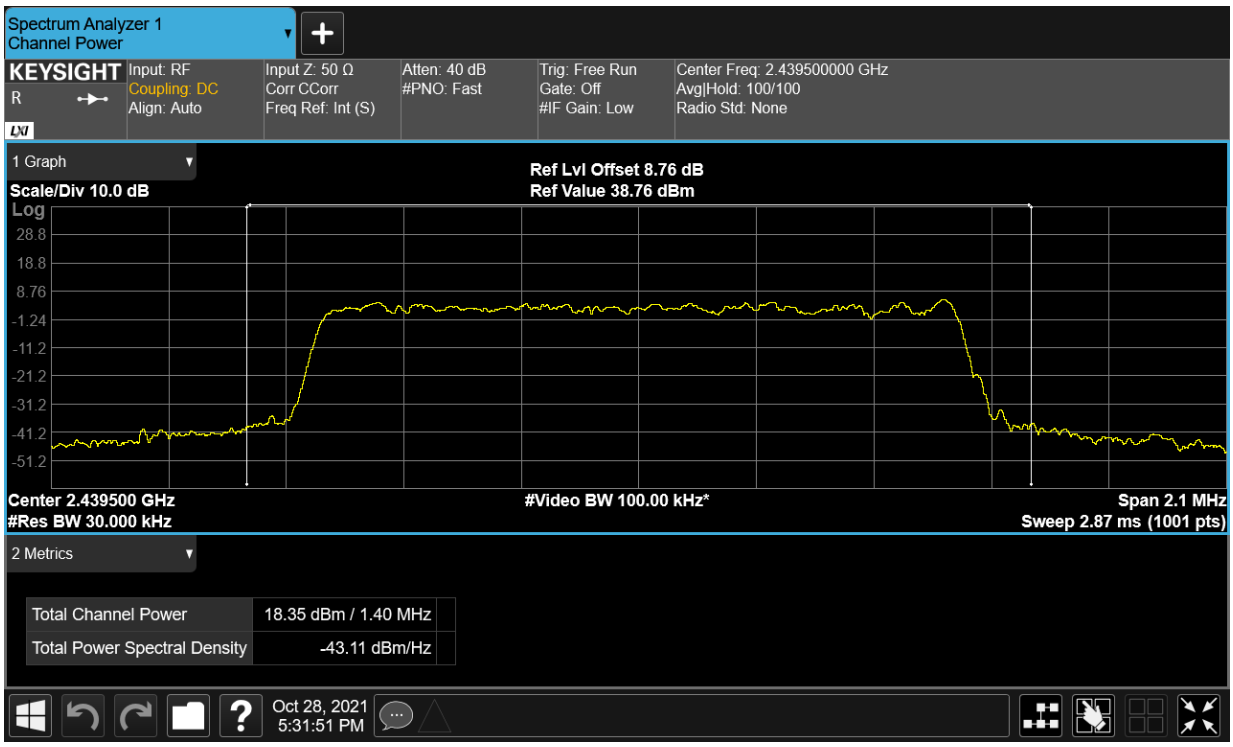
Power NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant2



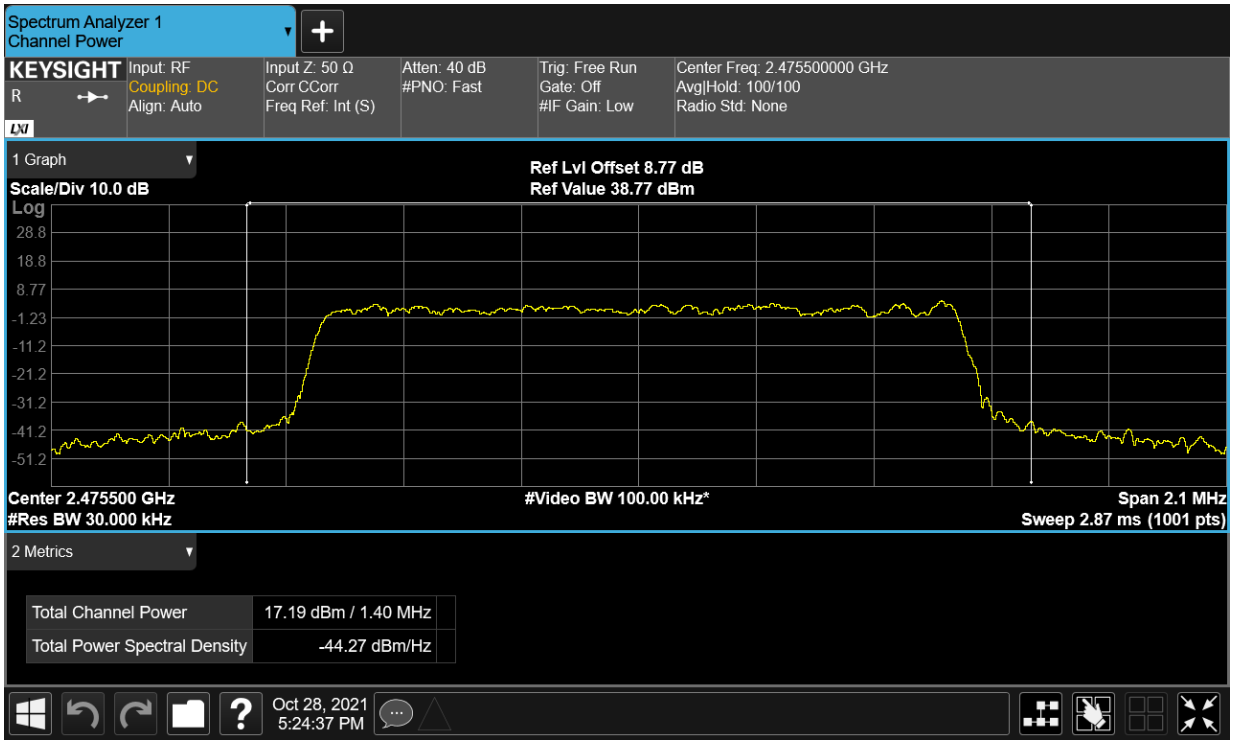
Power NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant1



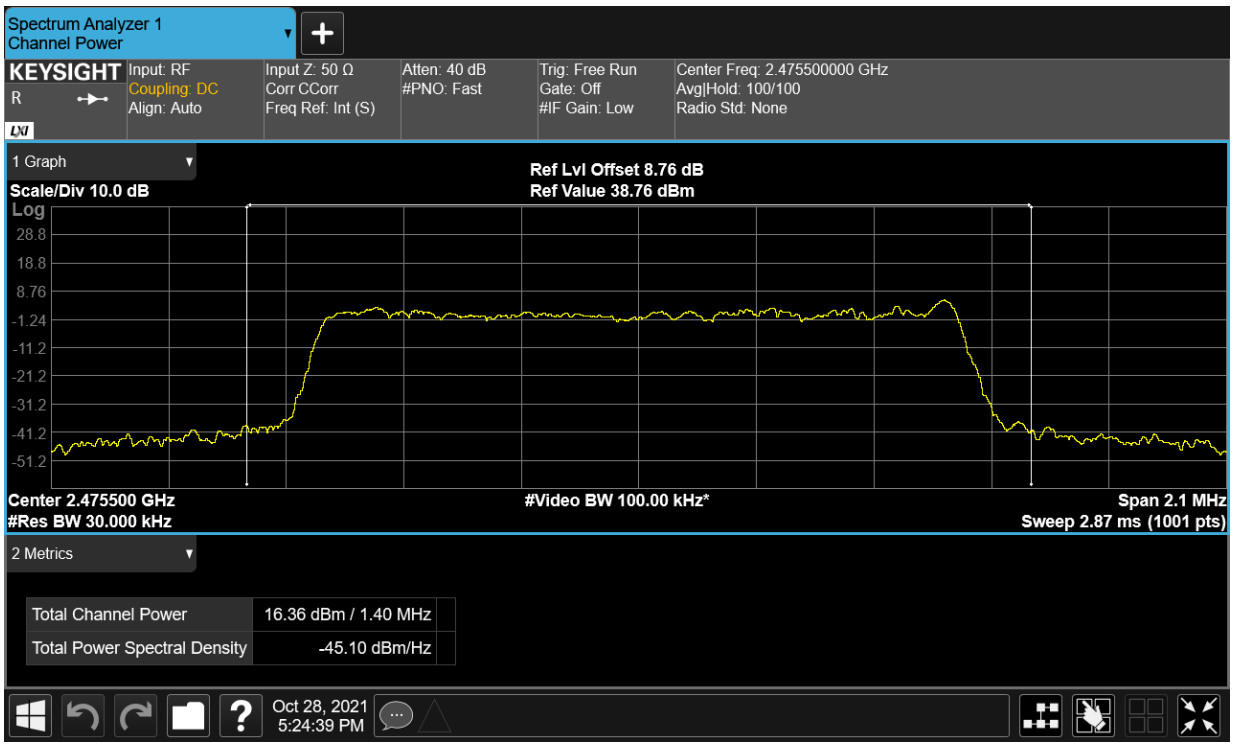
Power NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant2



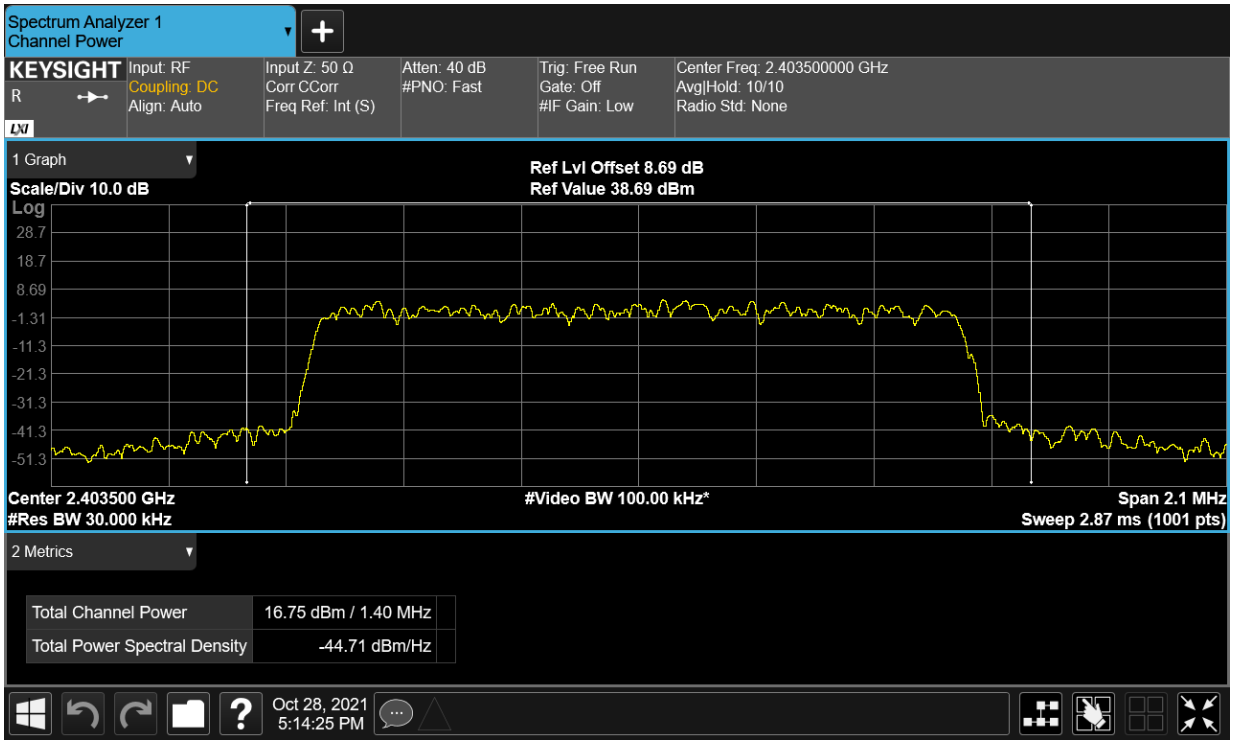
Power NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant1



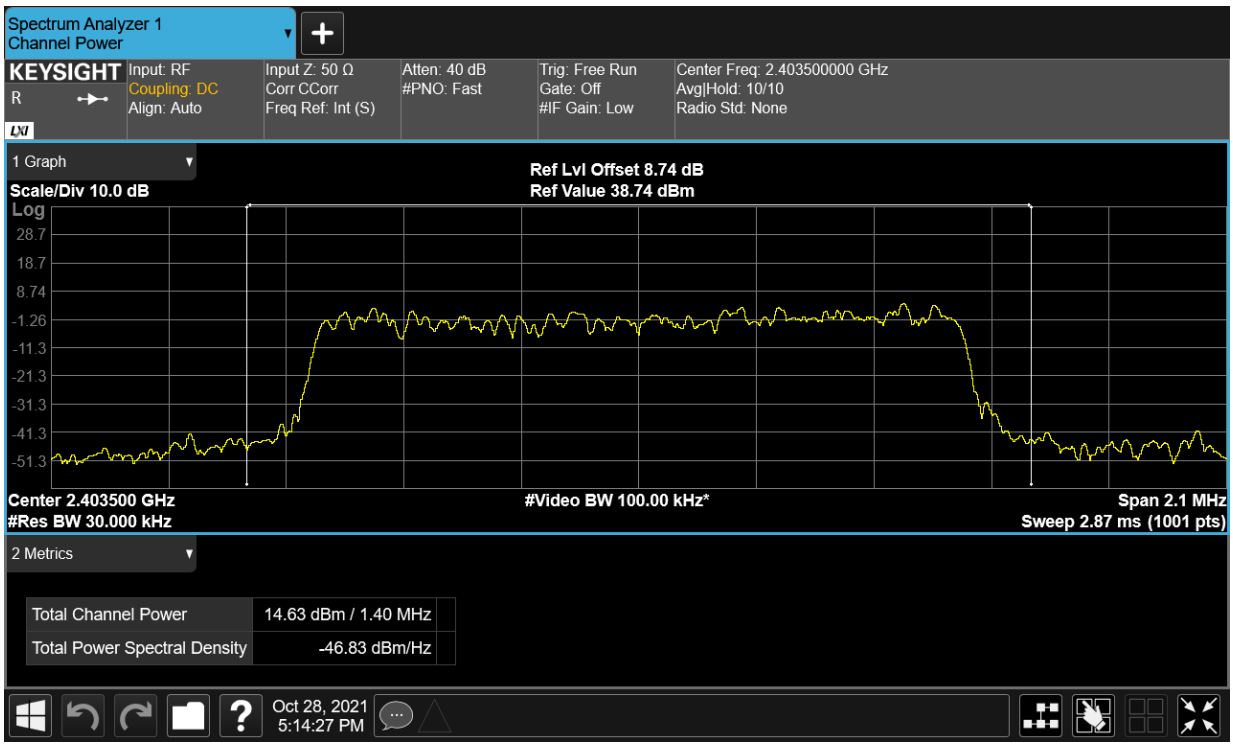
Power NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant2



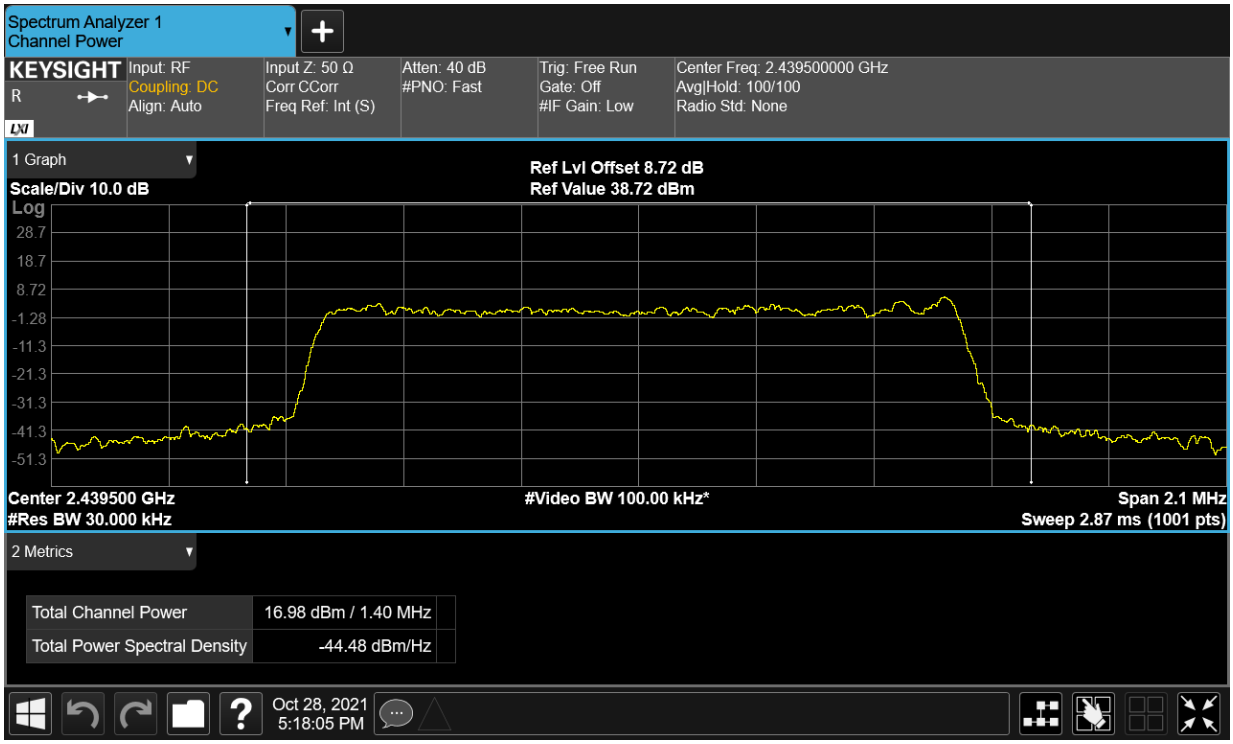
Power NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant1



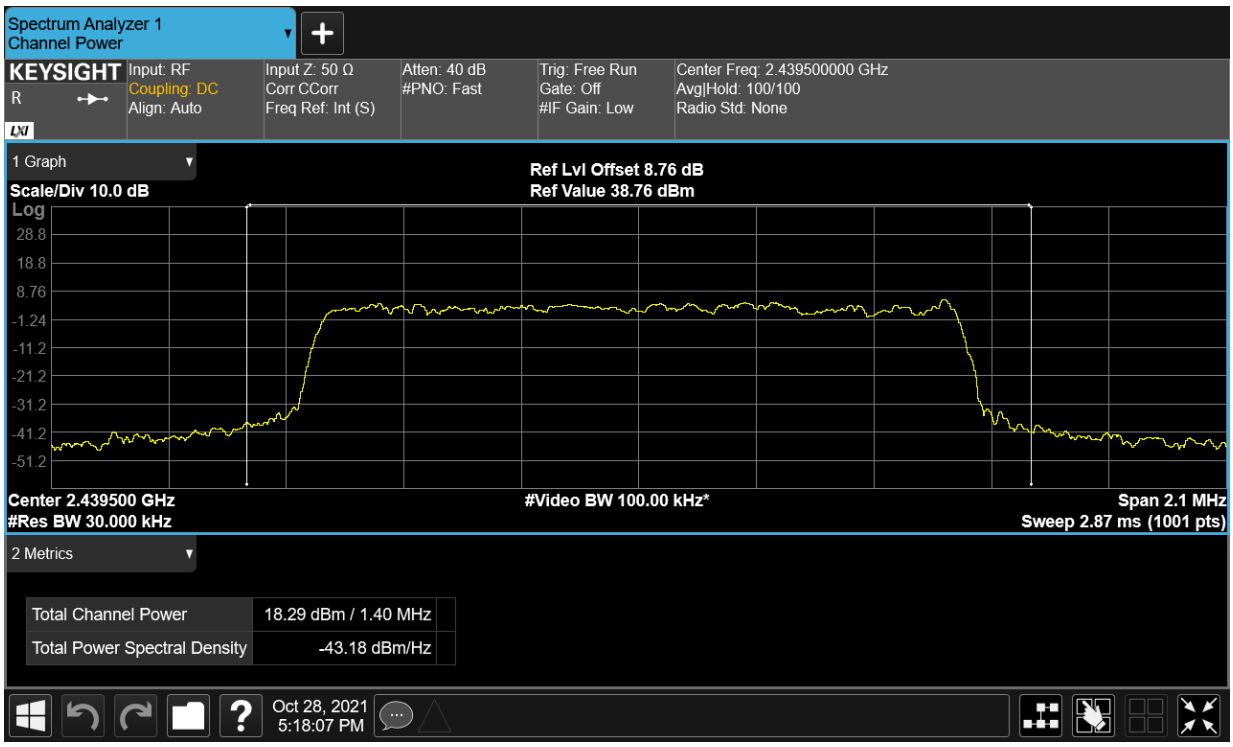
Power NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant2



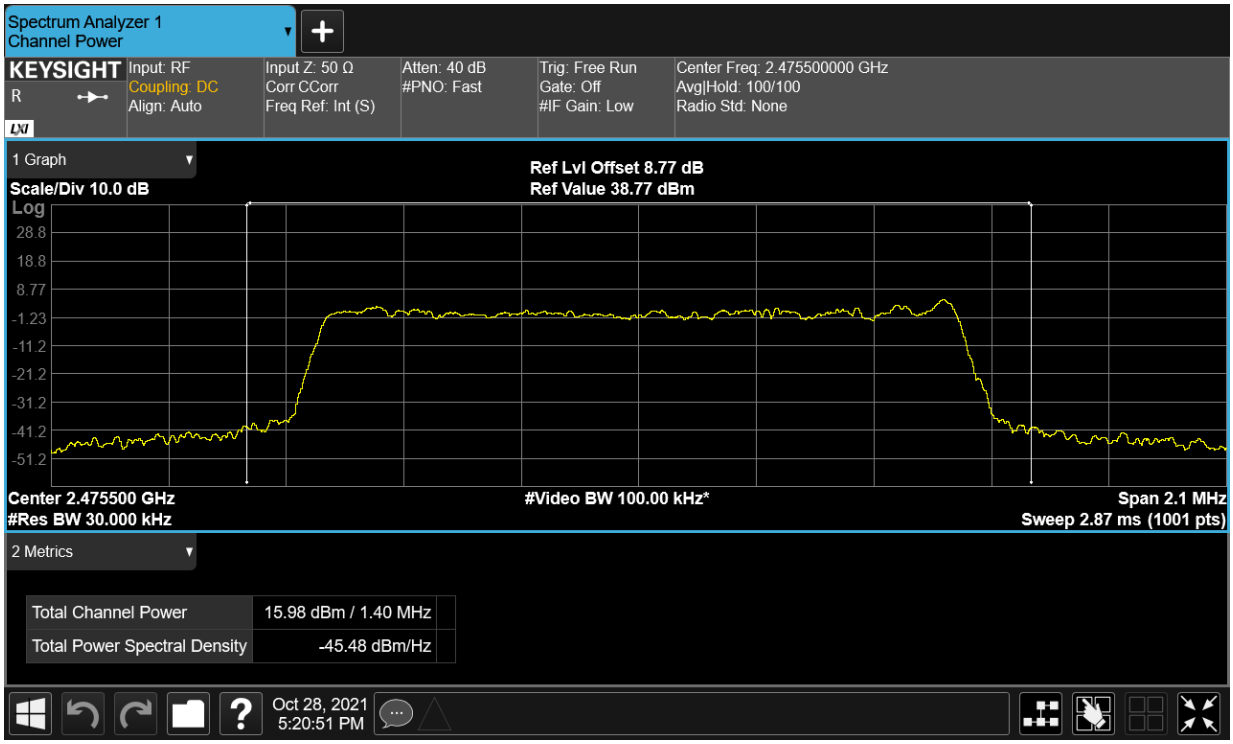
Power NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant1



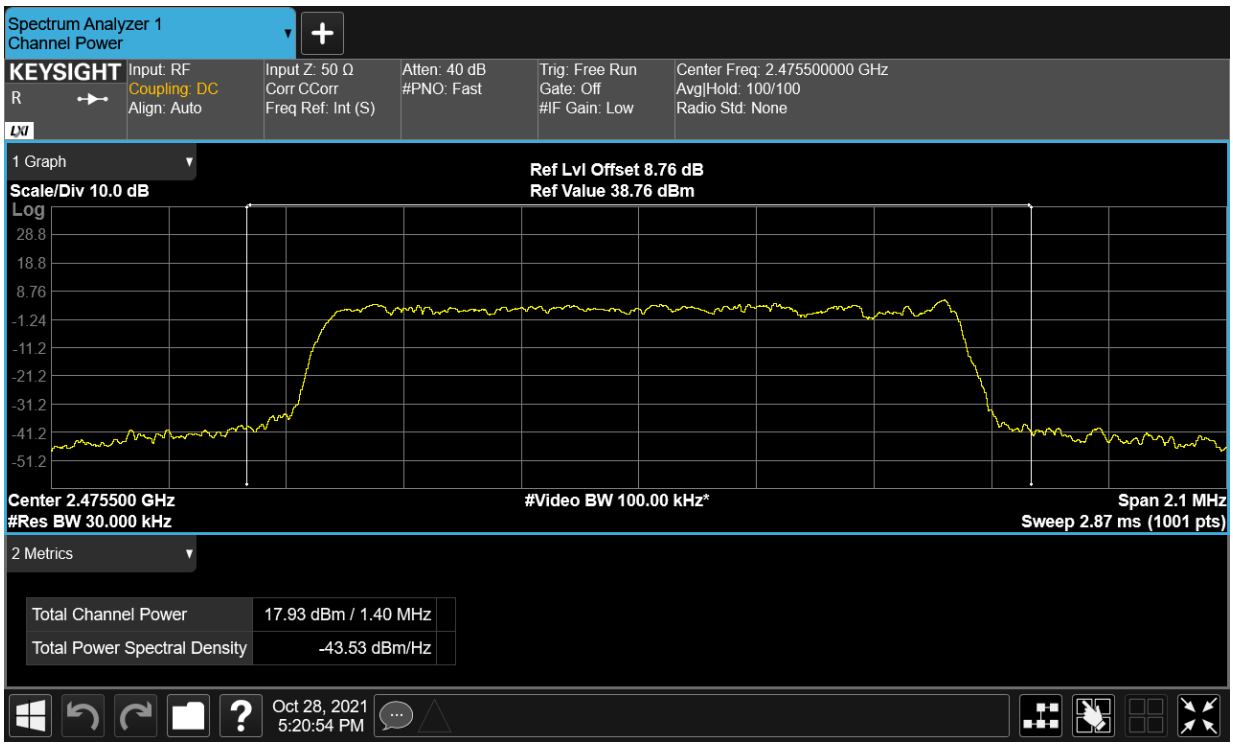
Power NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant2



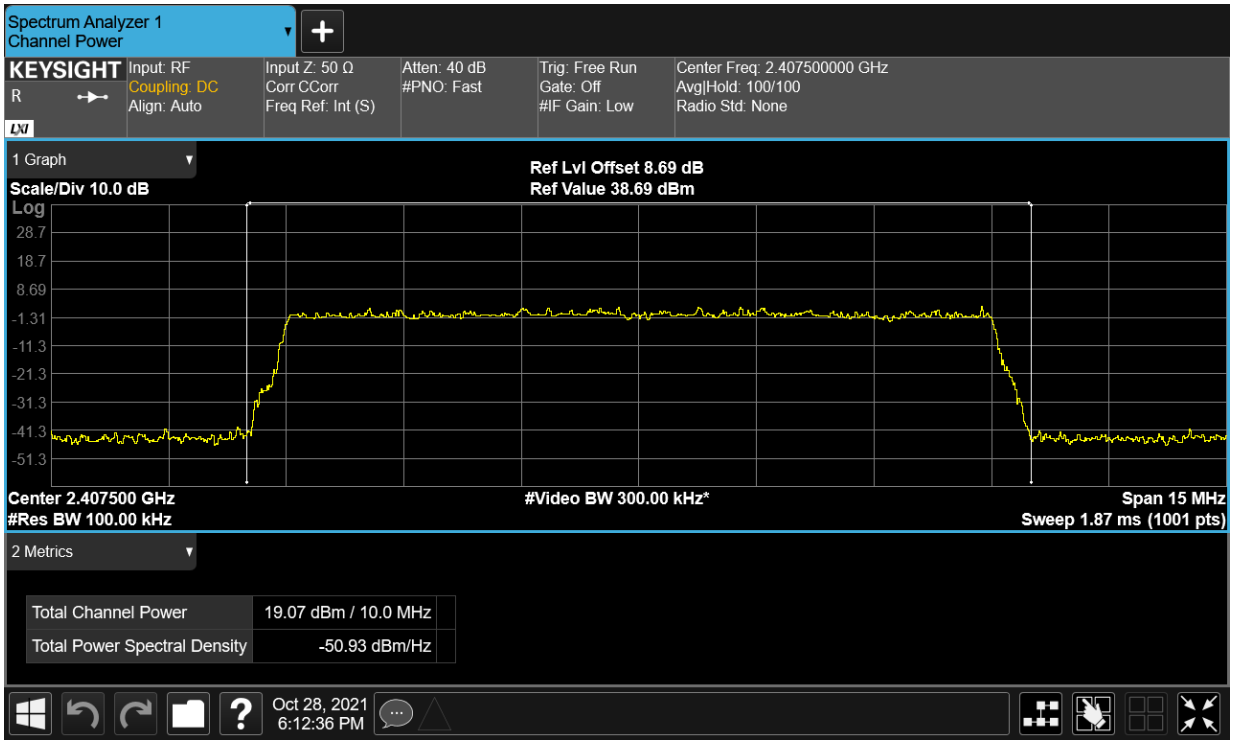
Power NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant1



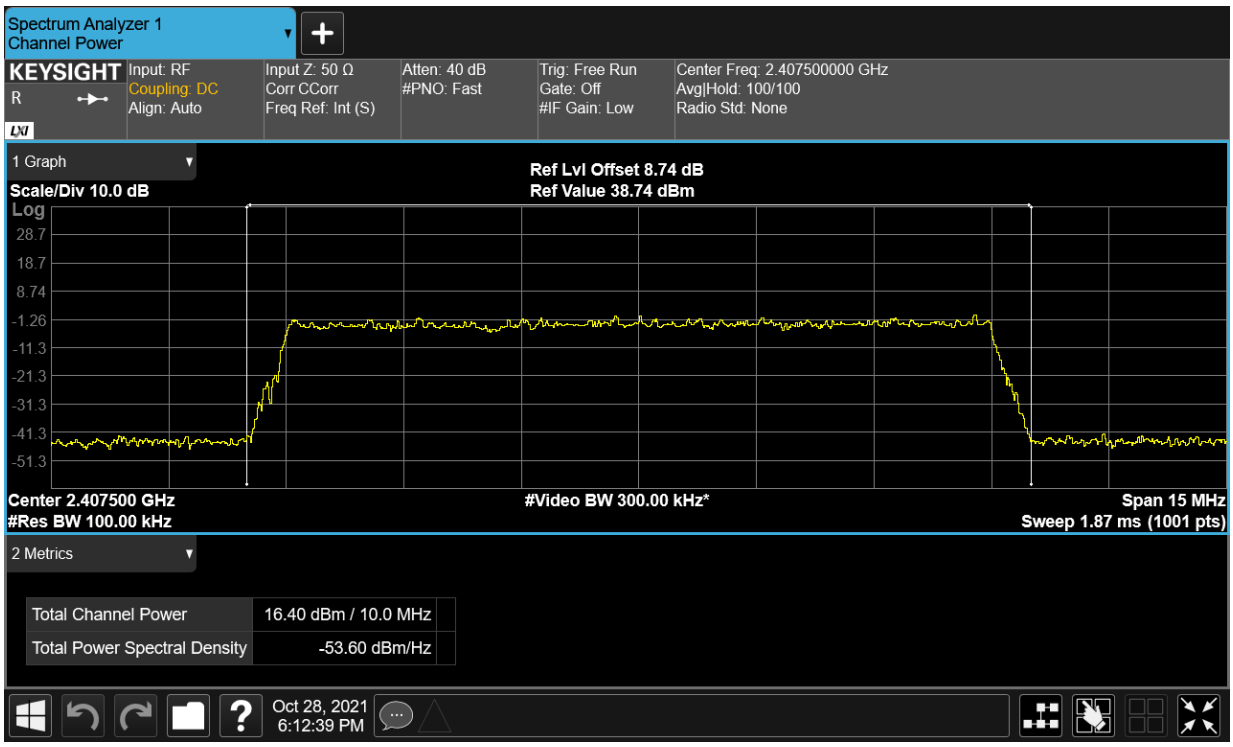
Power NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant2



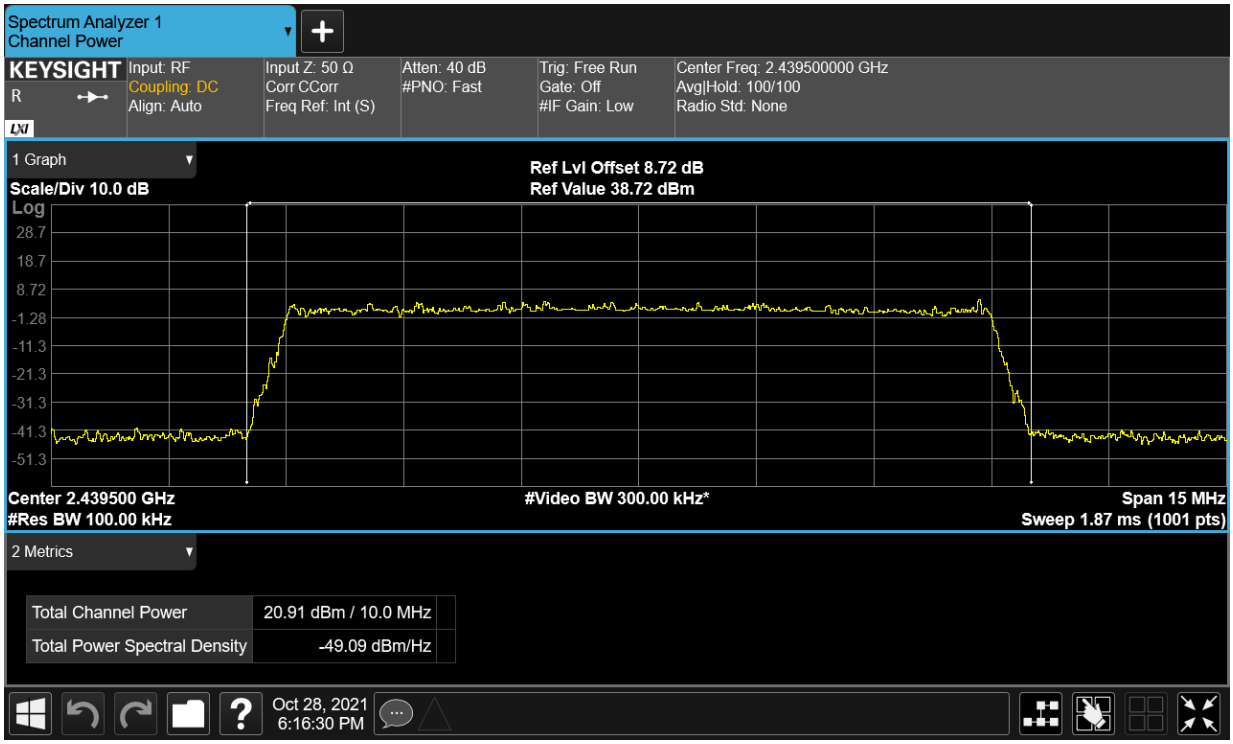
Power NVNT 2.4G-10M-16QAM 2407.5MHz Ant1



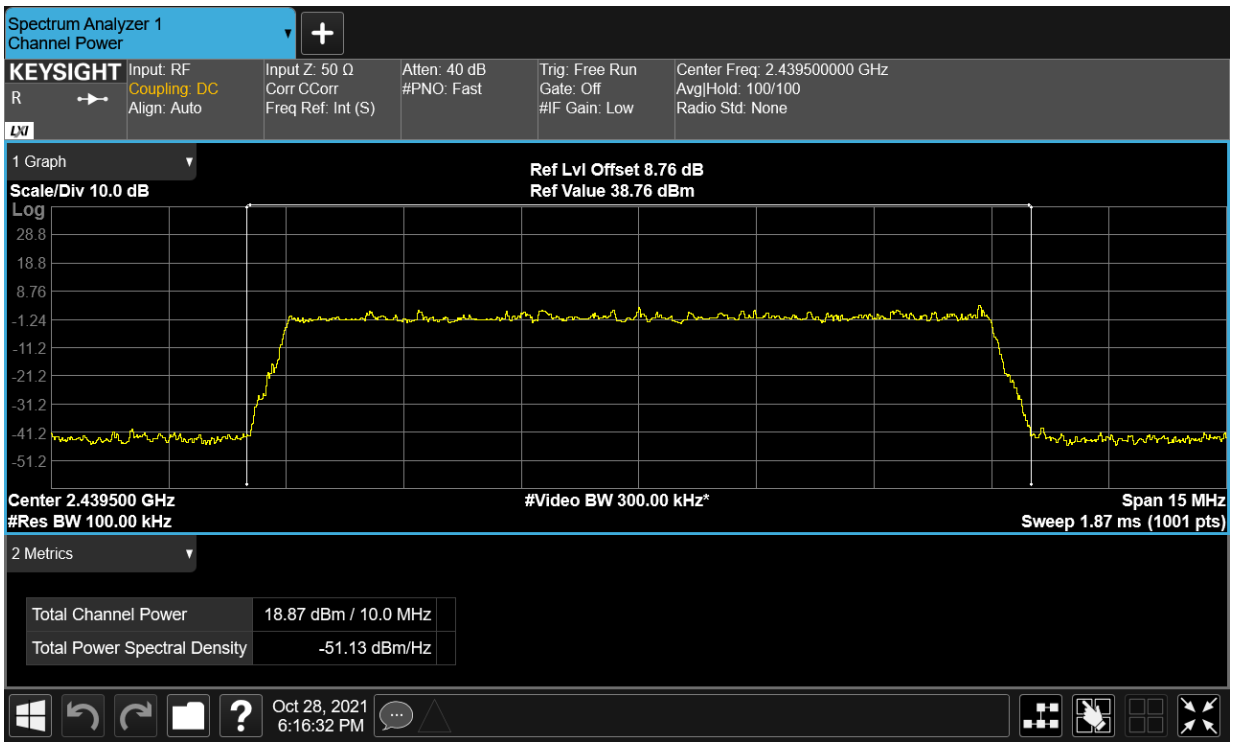
Power NVNT 2.4G-10M-16QAM 2407.5MHz Ant2



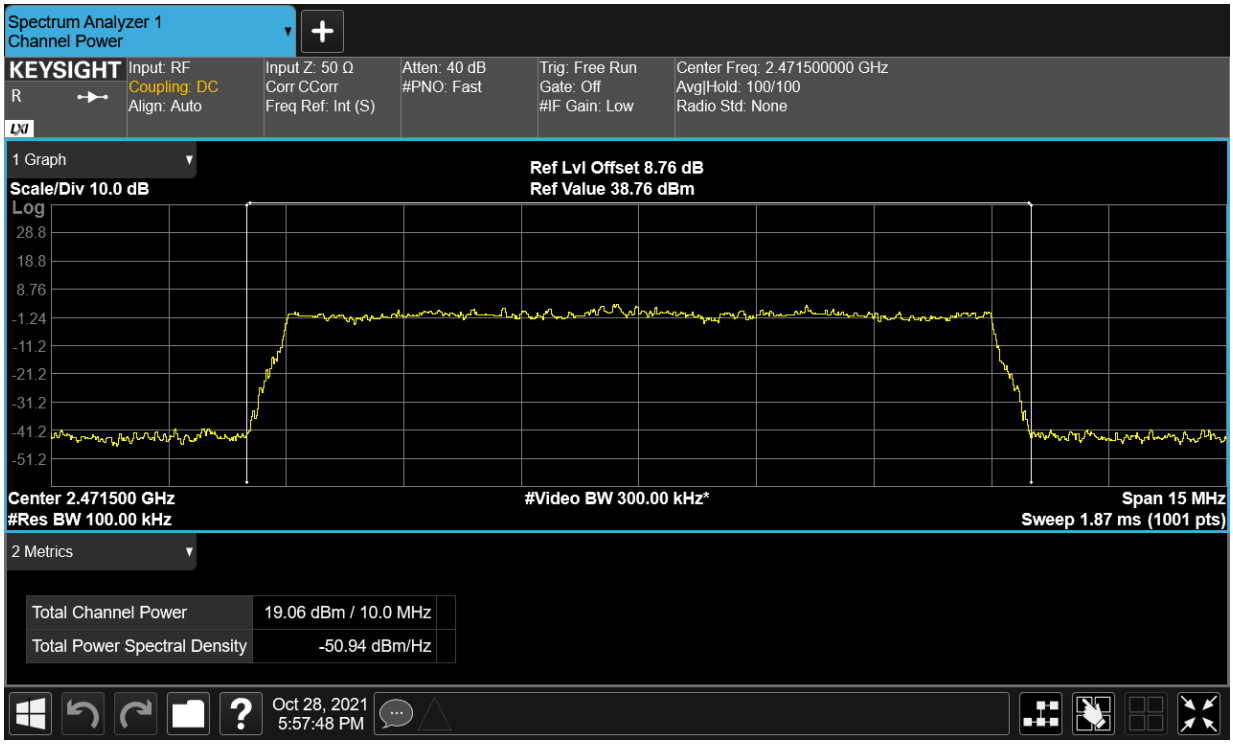
Power NVNT 2.4G-10M-16QAM 2439.5MHz Ant1



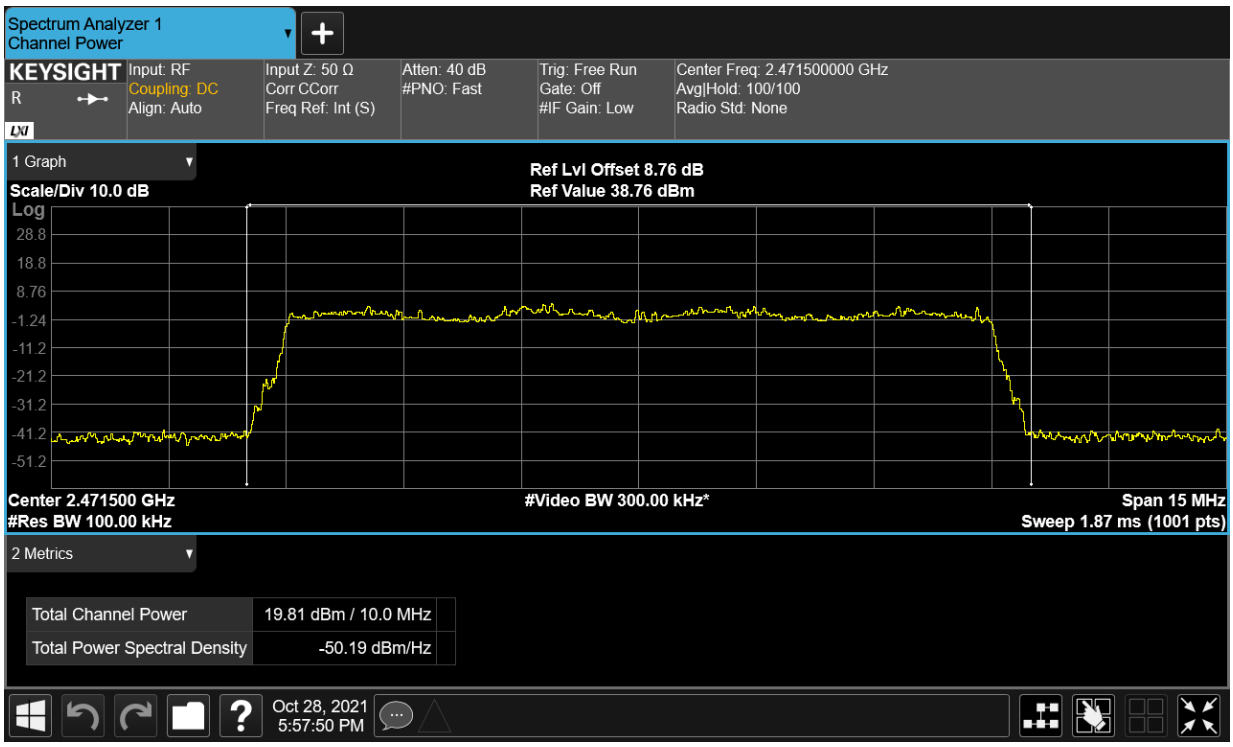
Power NVNT 2.4G-10M-16QAM 2439.5MHz Ant2



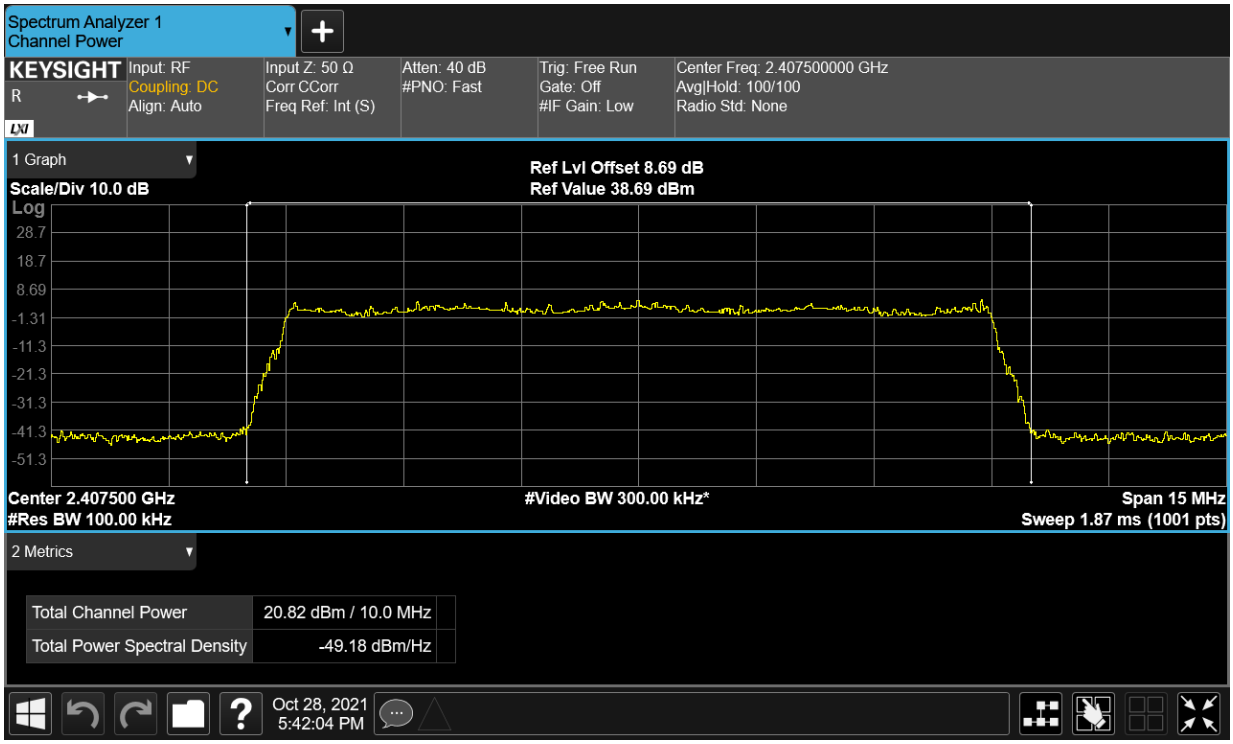
Power NVNT 2.4G-10M-16QAM 2471.5MHz Ant1



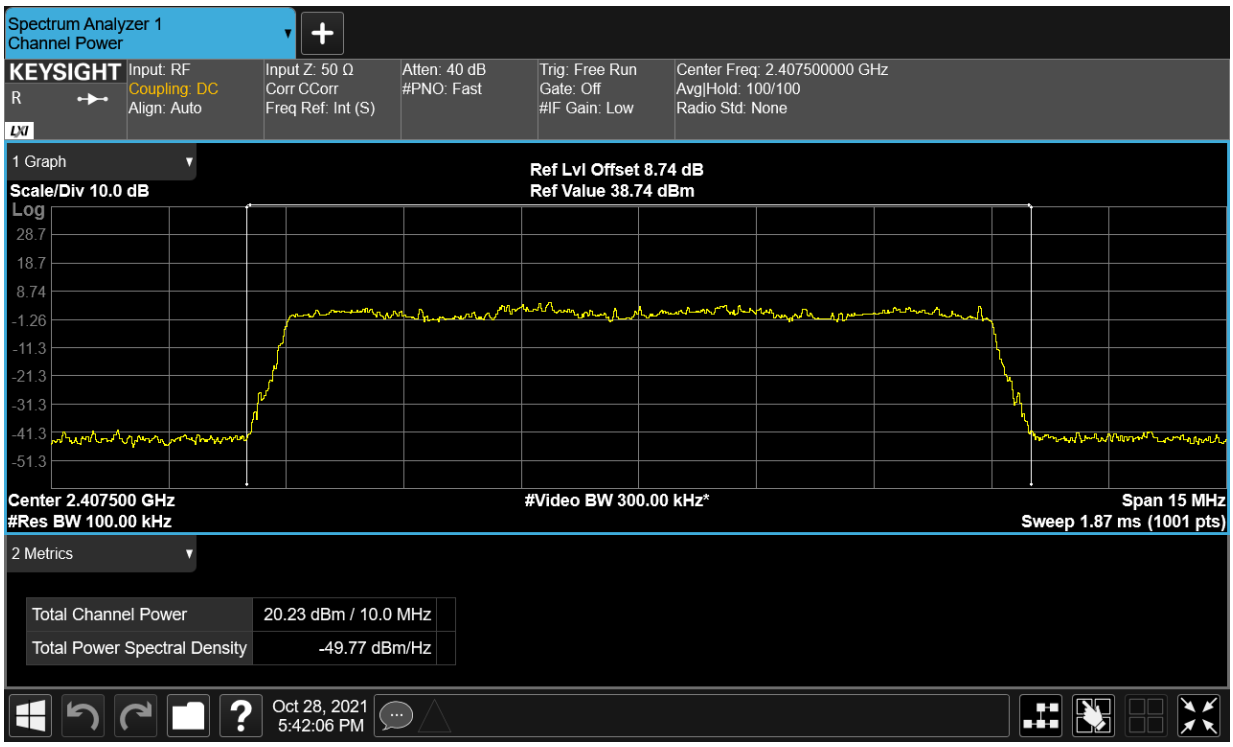
Power NVNT 2.4G-10M-16QAM 2471.5MHz Ant2



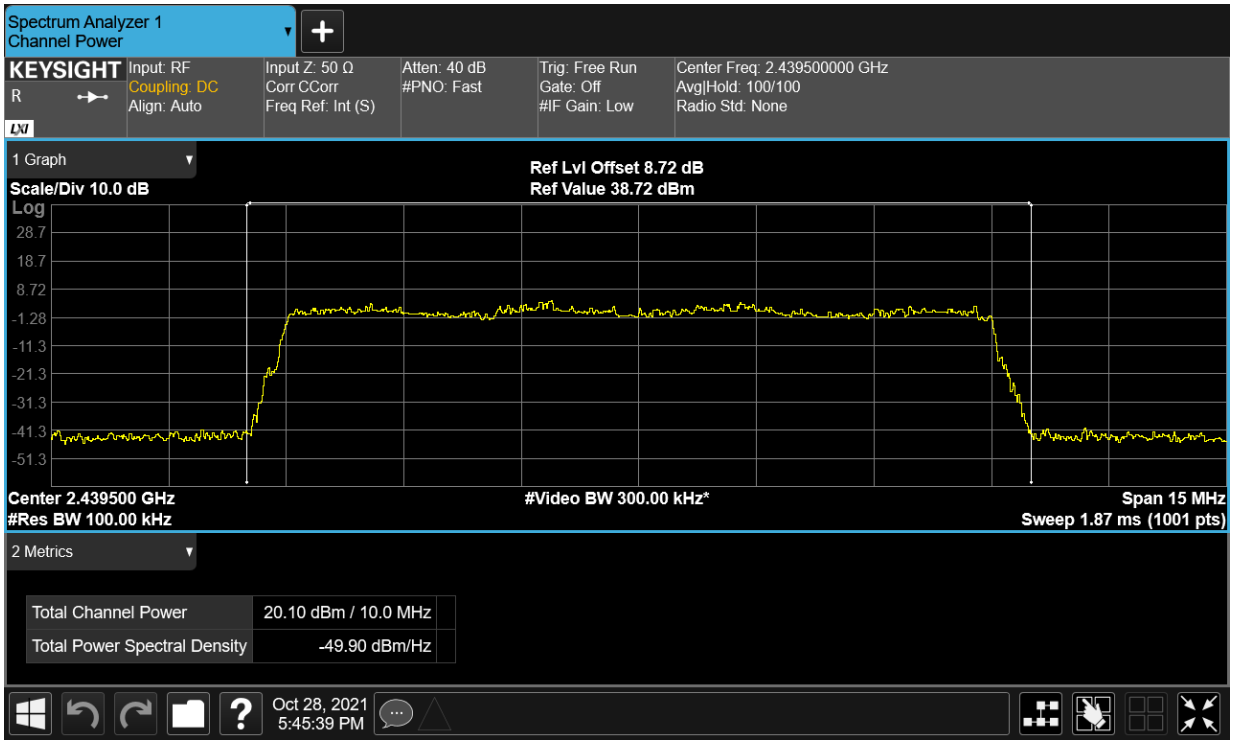
Power NVNT 2.4G-10M-QPSK 2407.5MHz Ant1



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



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



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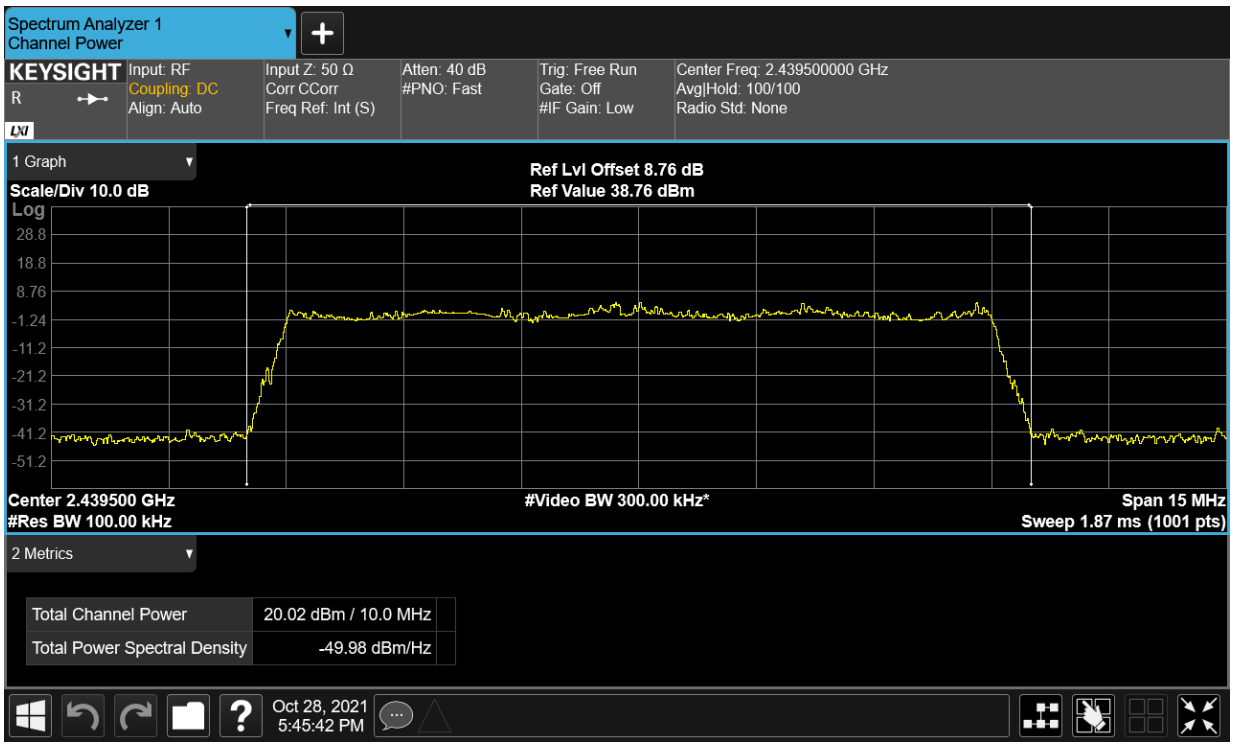

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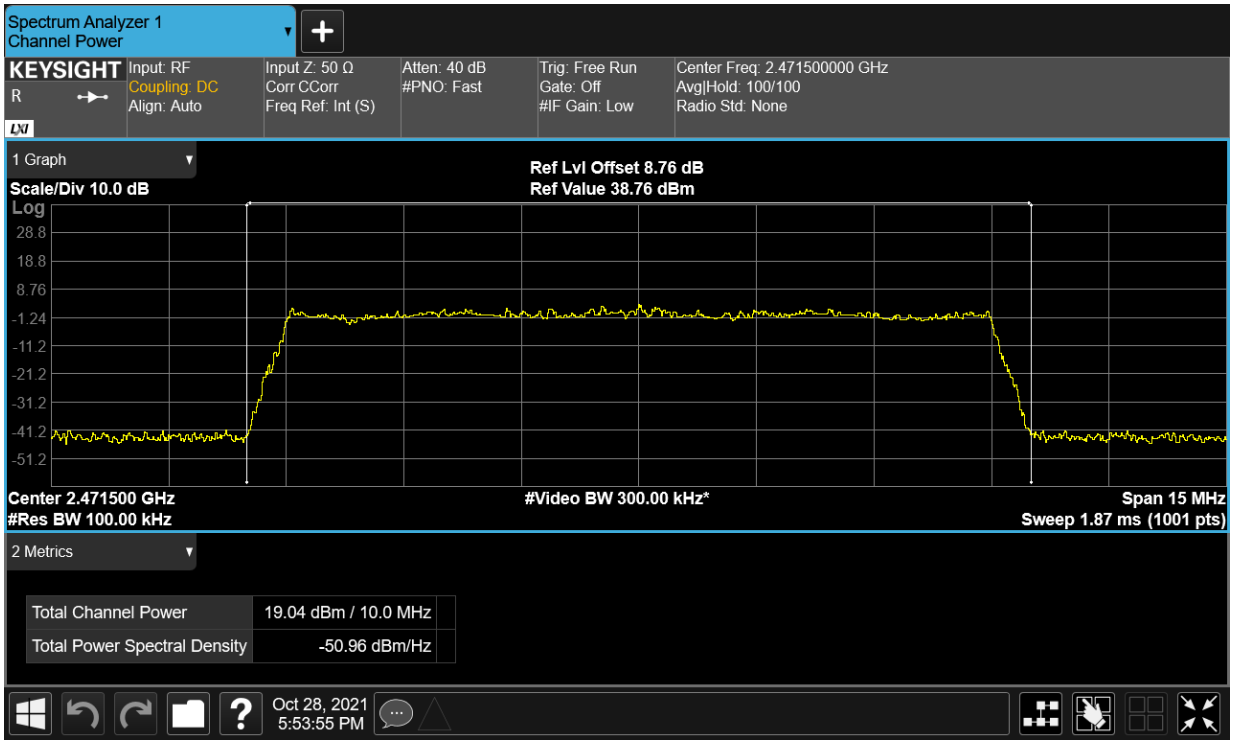

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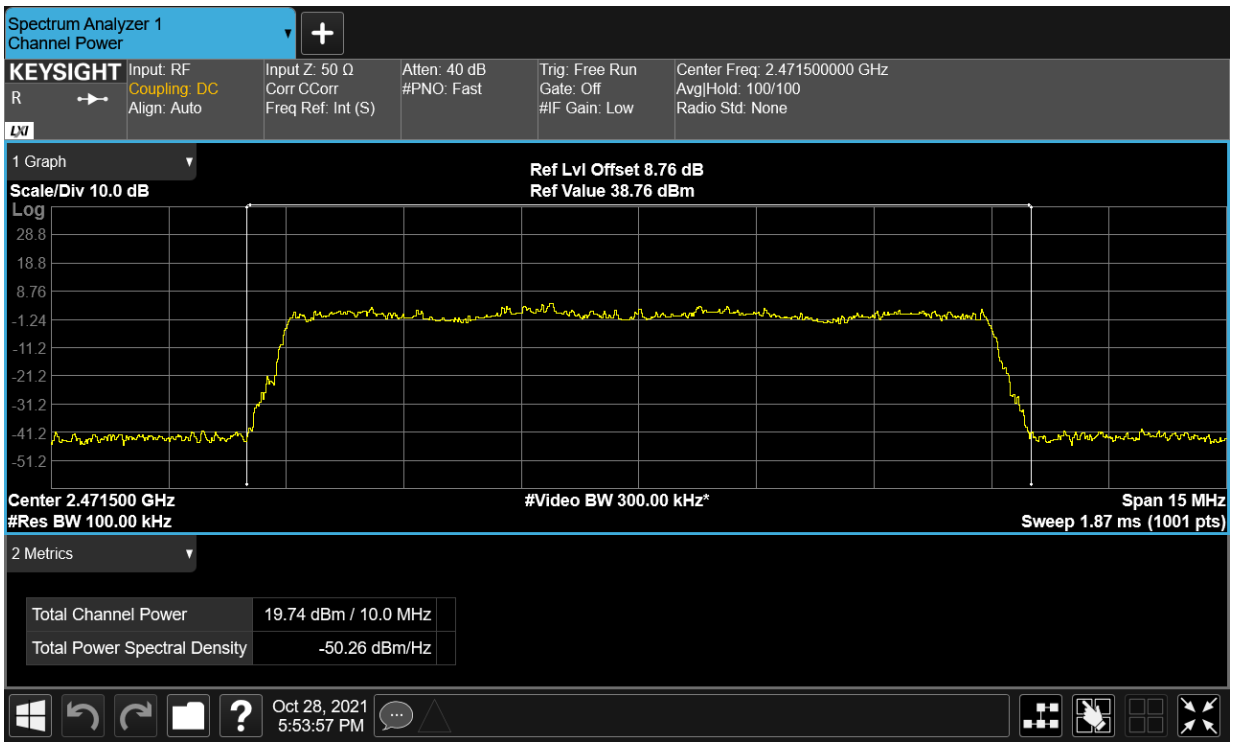
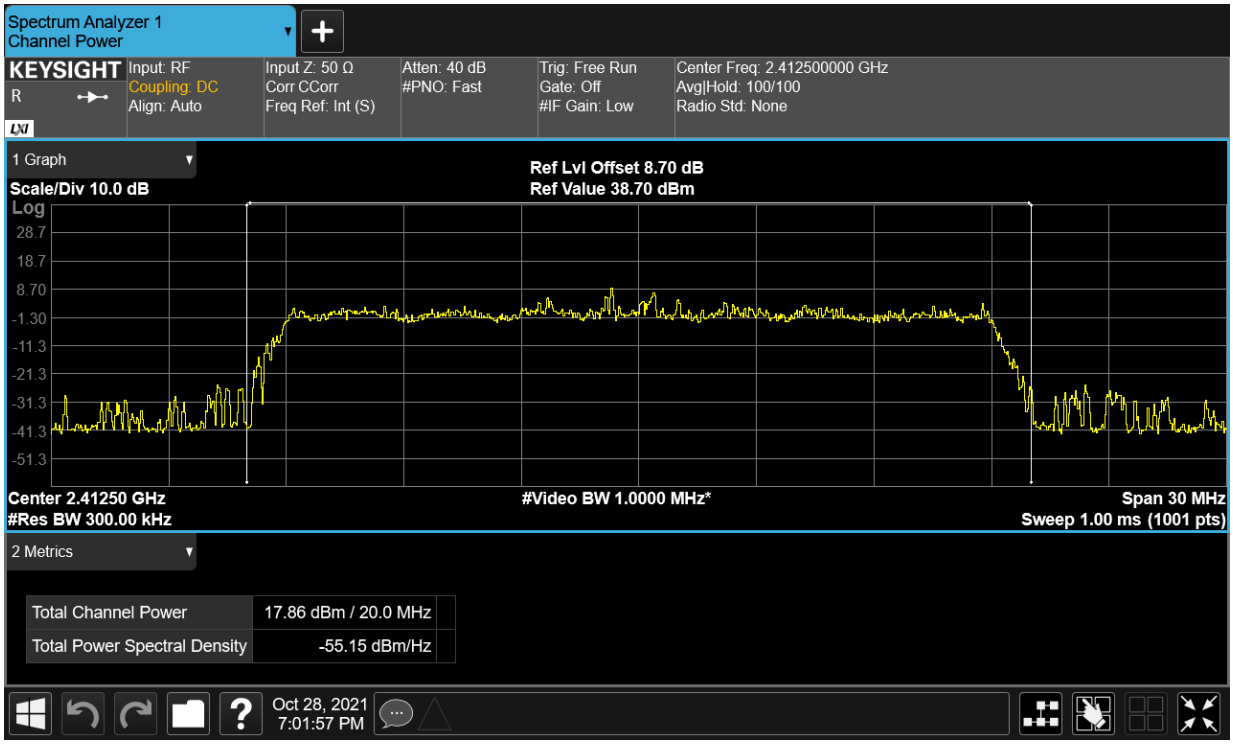


Power NVNT 2.4G-20M-16QAM 2412.5MHz Ant1



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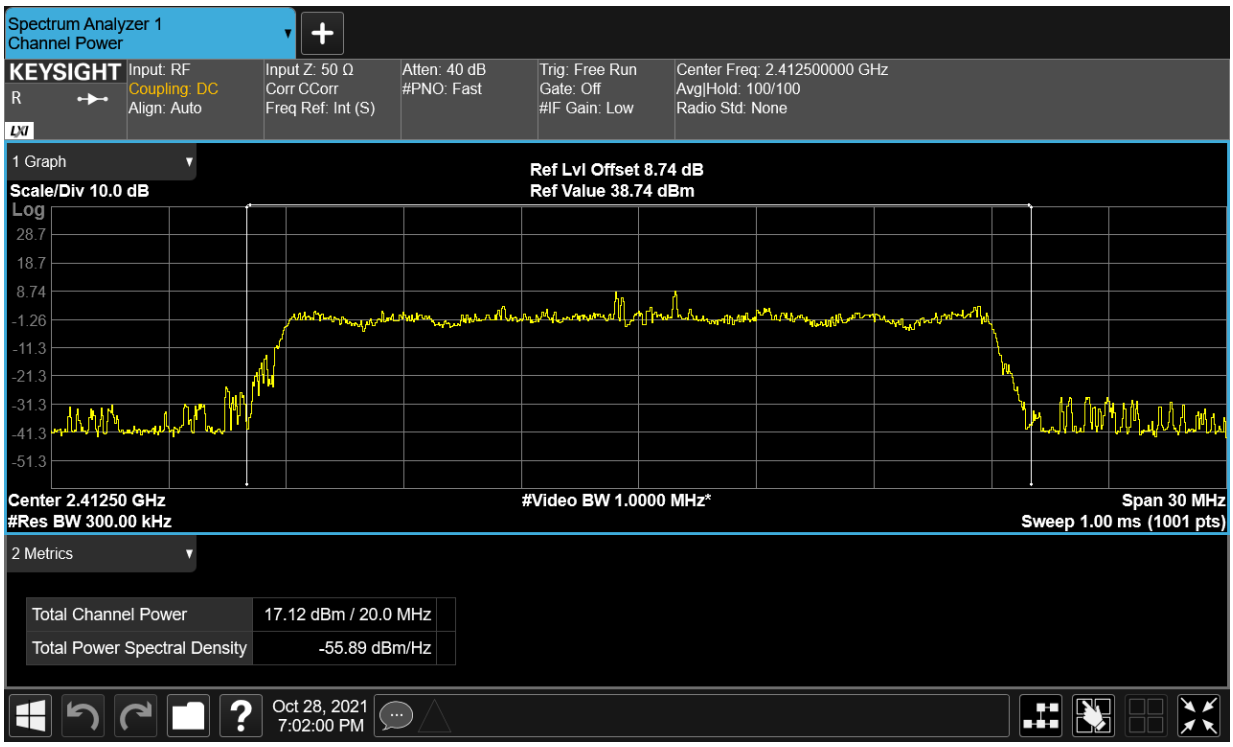
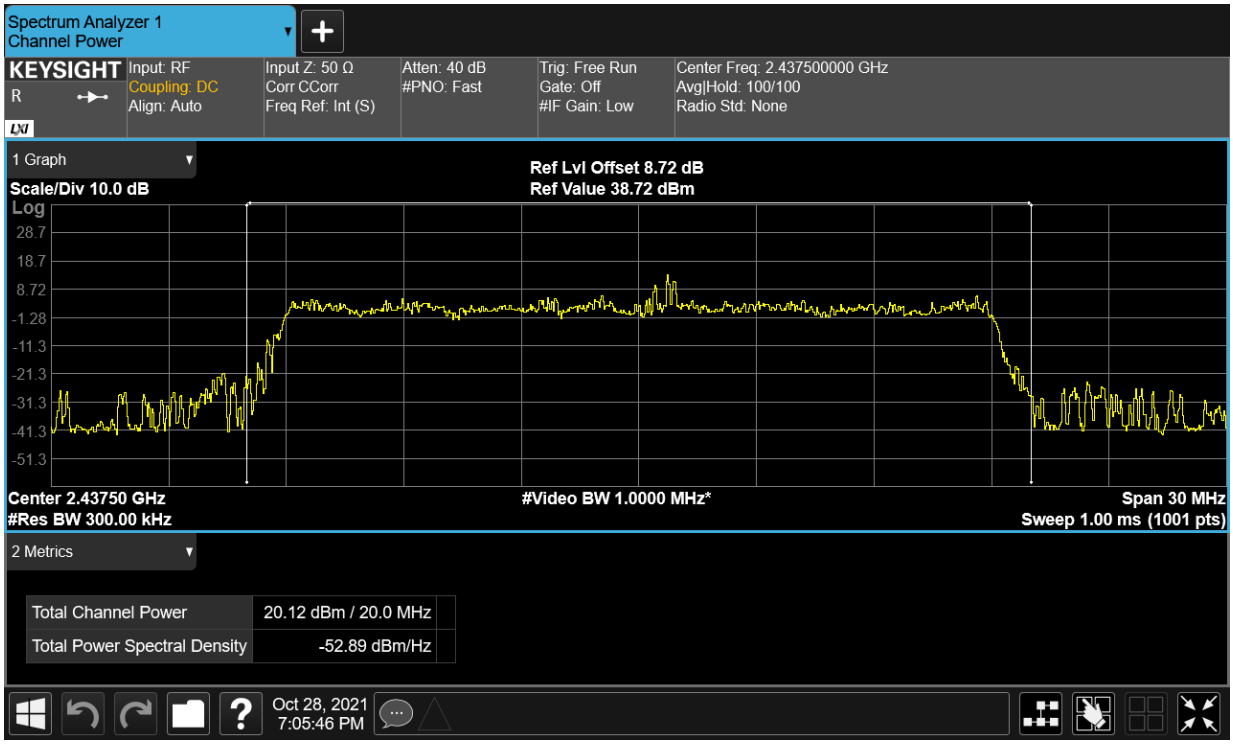


Power NVNT 2.4G-20M-16QAM 2437.5MHz Ant1



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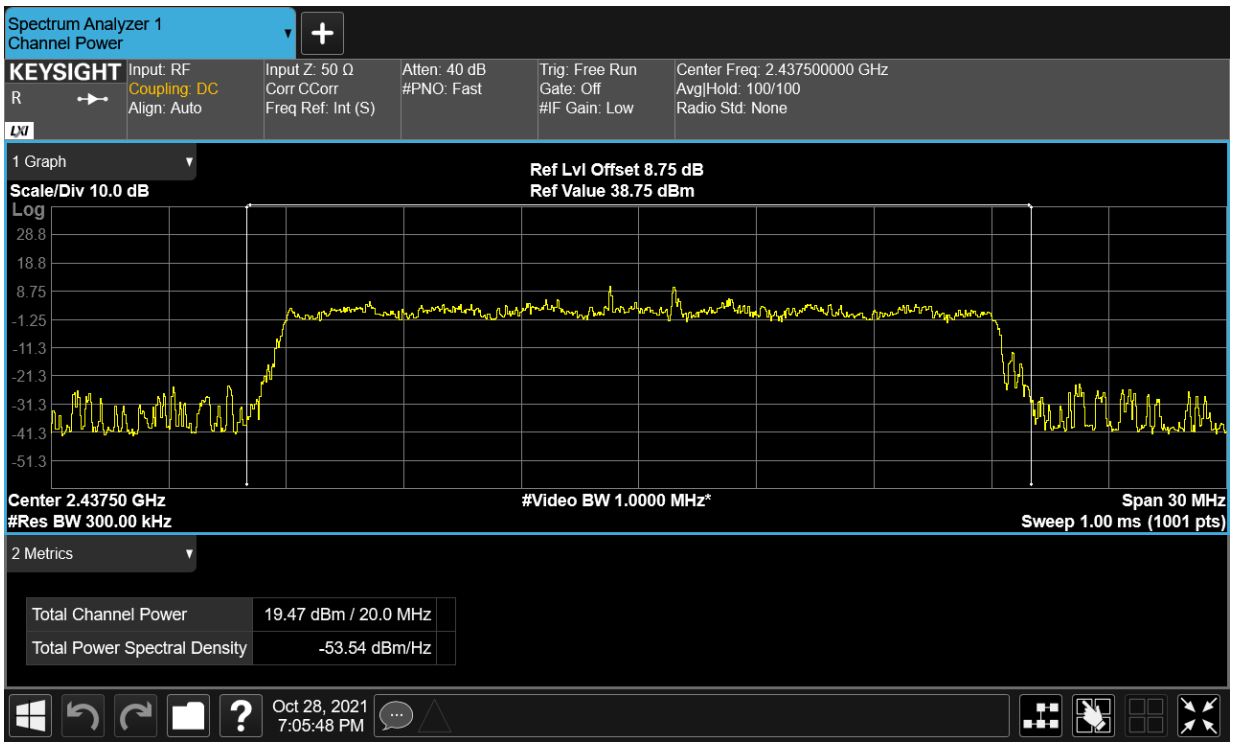
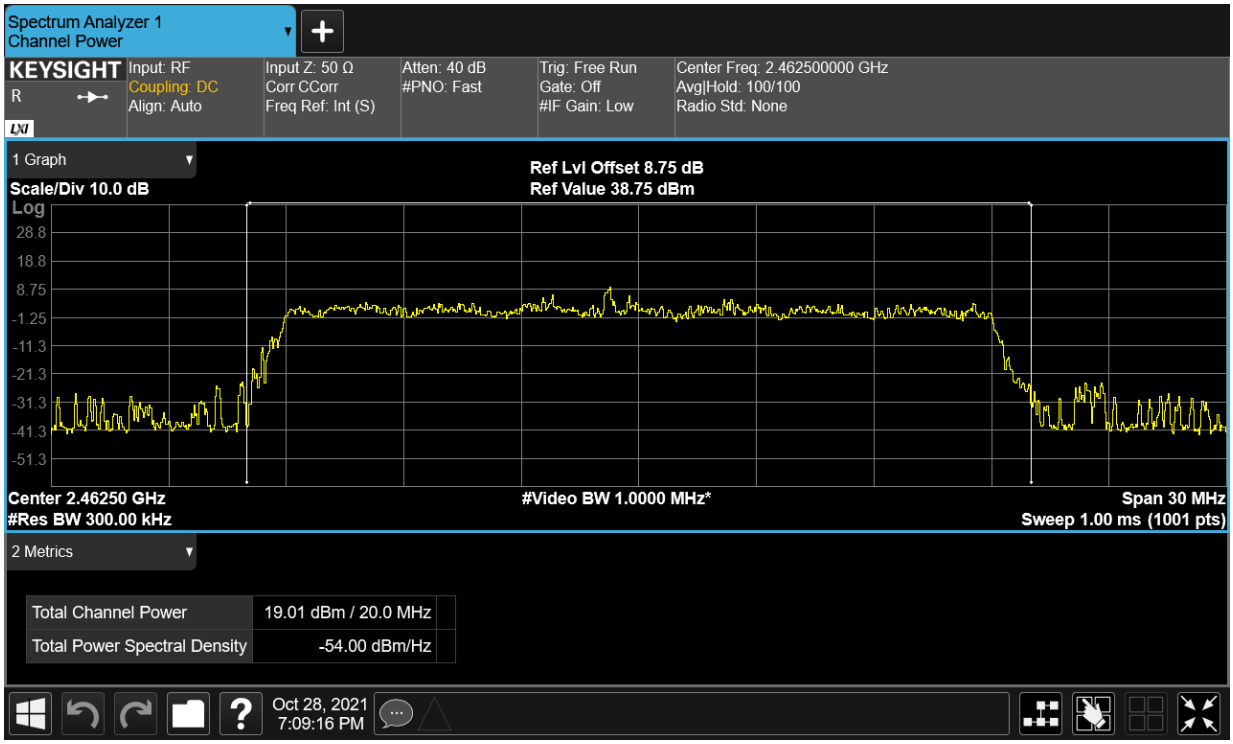
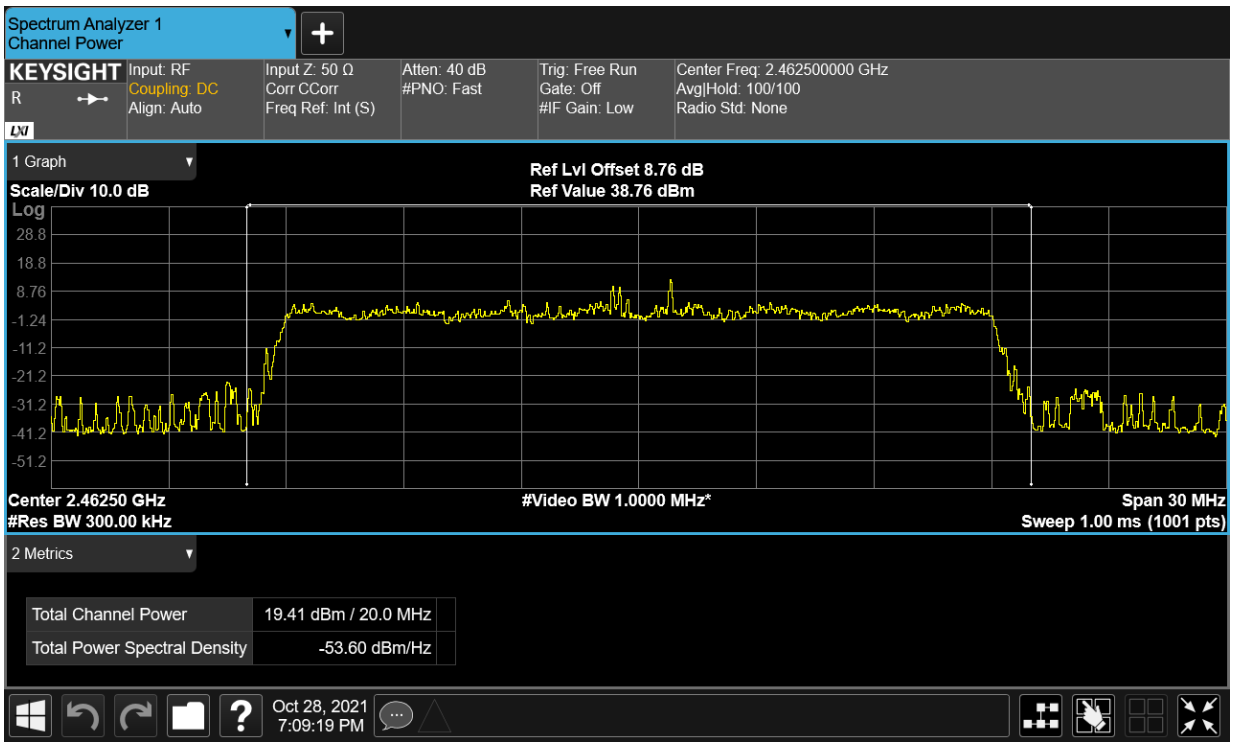


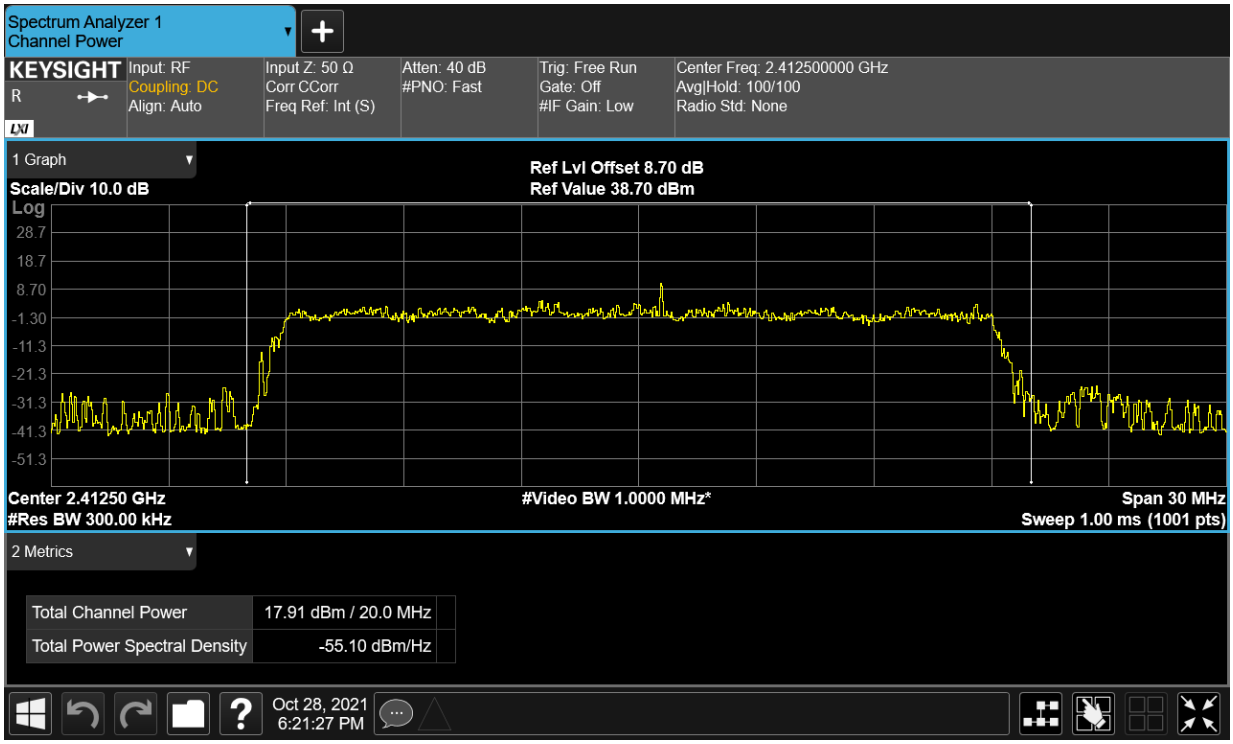
Power NVNT 2.4G-20M-16QAM 2462.5MHz Ant1



Power NVNT 2.4G-20M-16QAM 2462.5MHz Ant2



Power NVNT 2.4G-20M-QPSK 2412.5MHz Ant1



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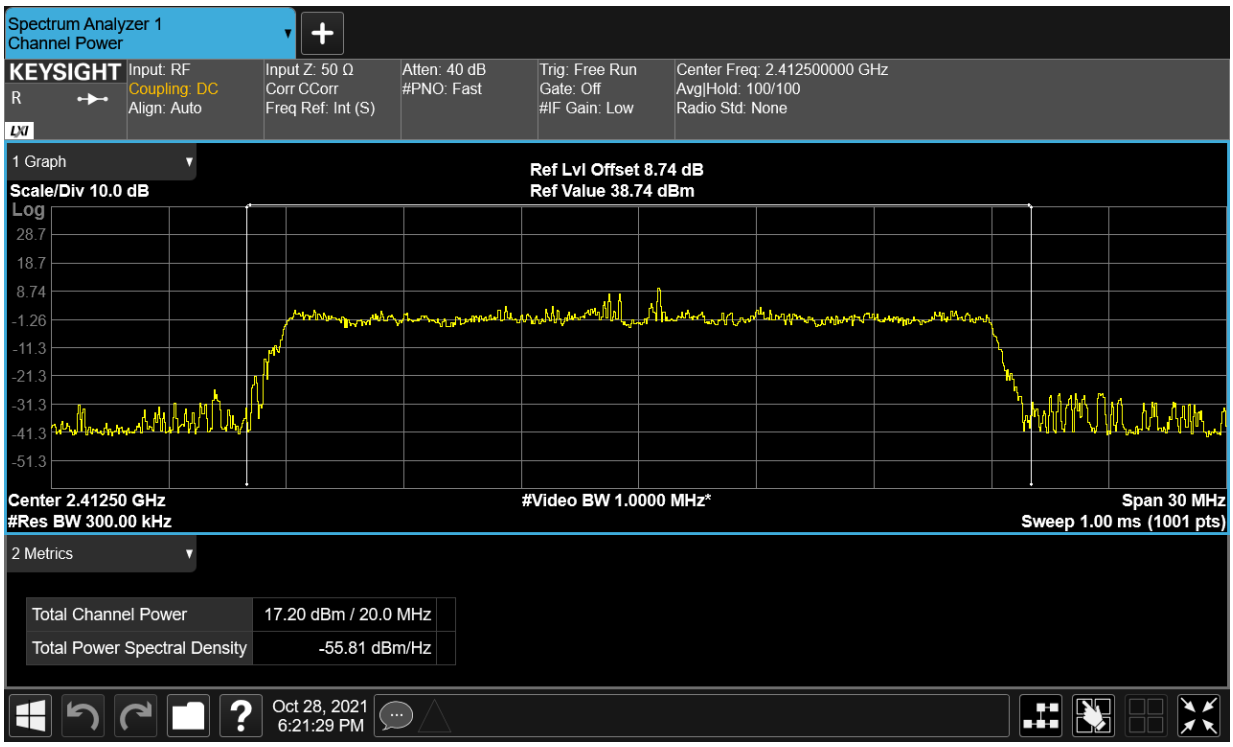

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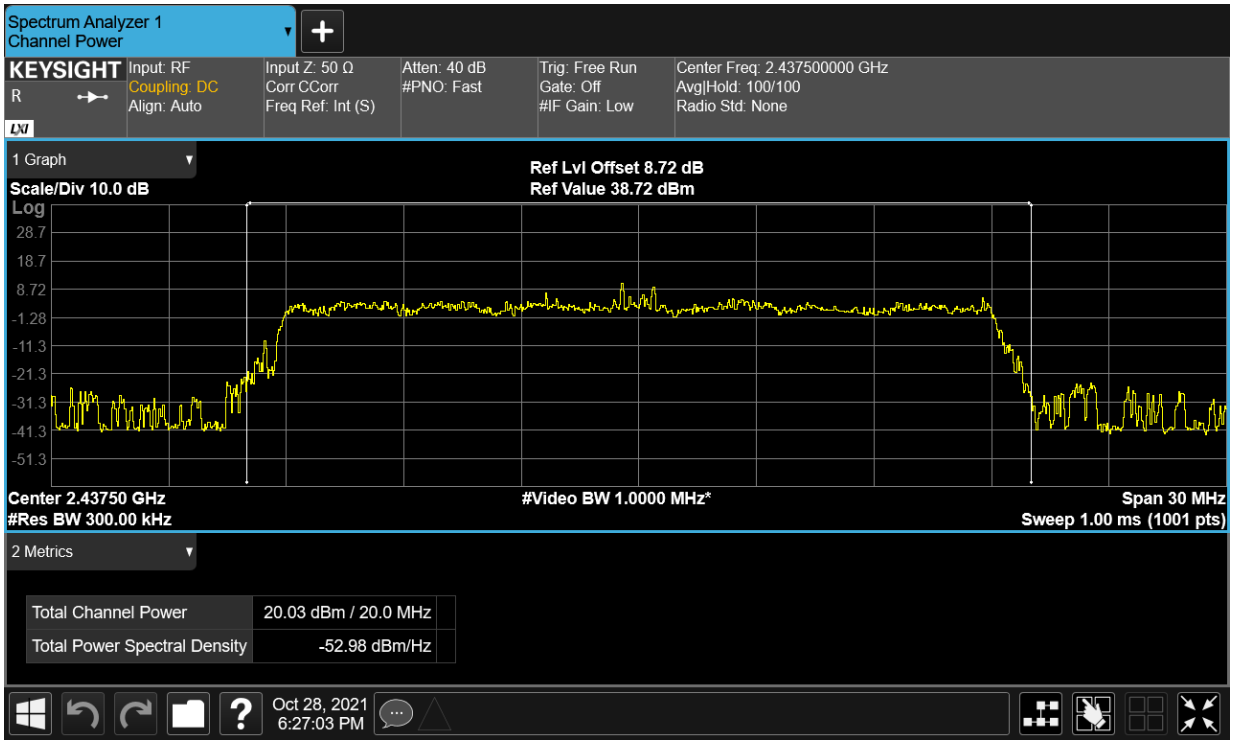

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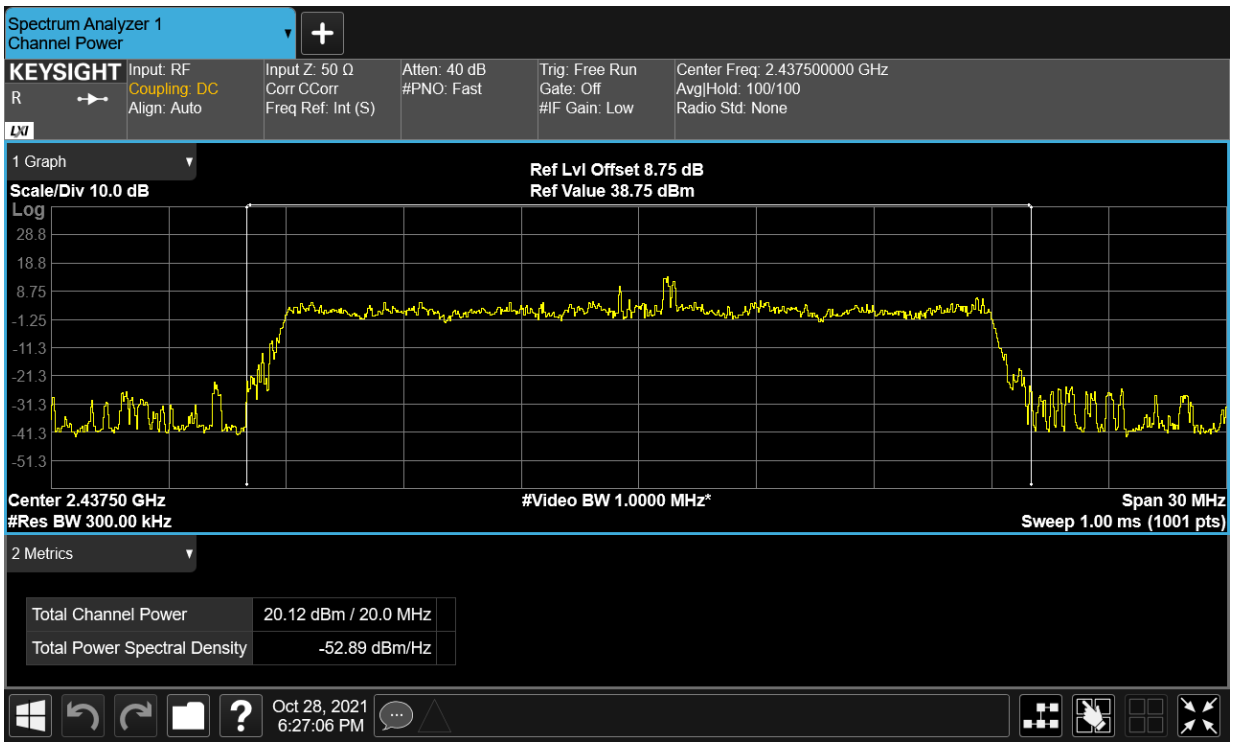
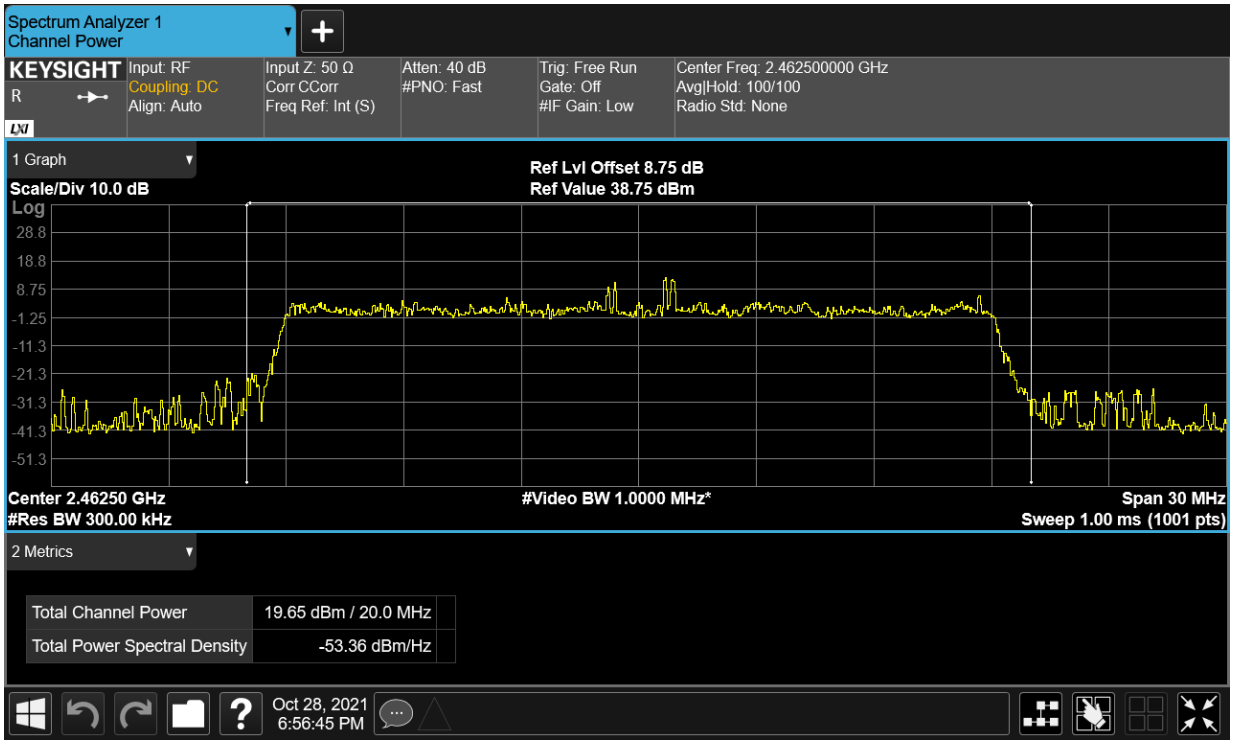
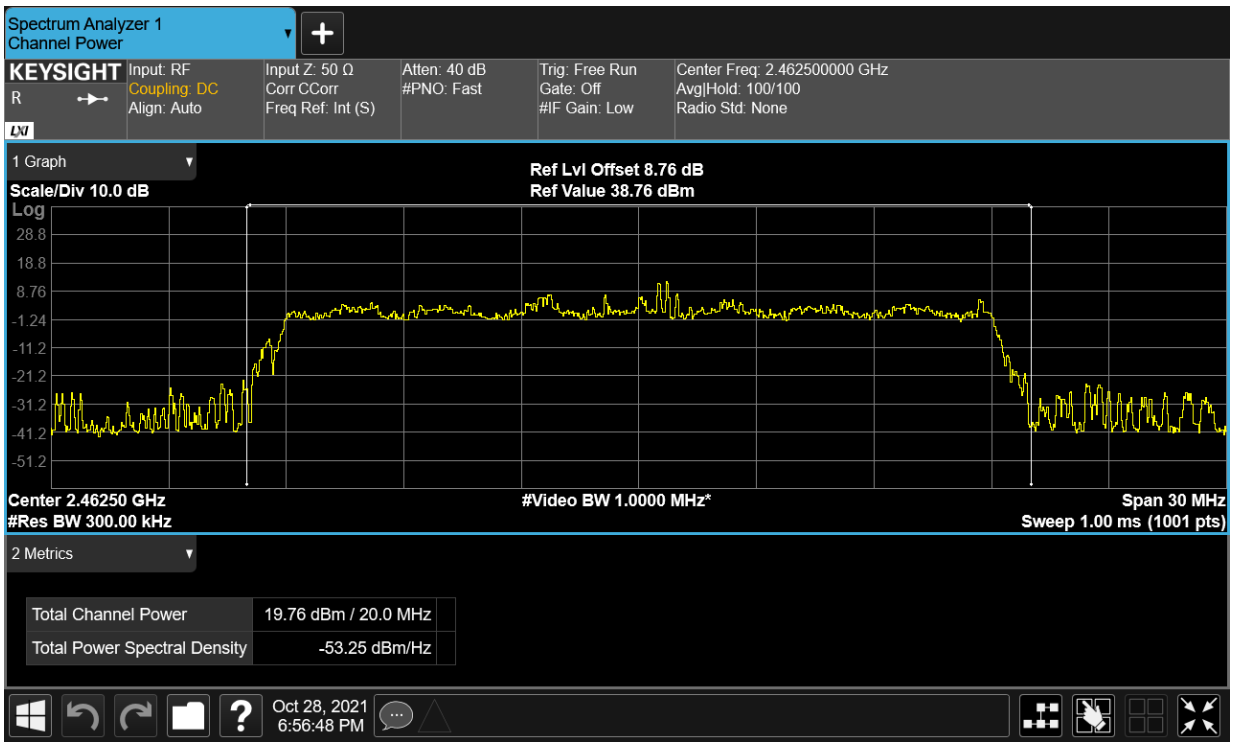


Power NVNT 2.4G-20M-QPSK 2462.5MHz Ant1



Power NVNT 2.4G-20M-QPSK 2462.5MHz Ant2

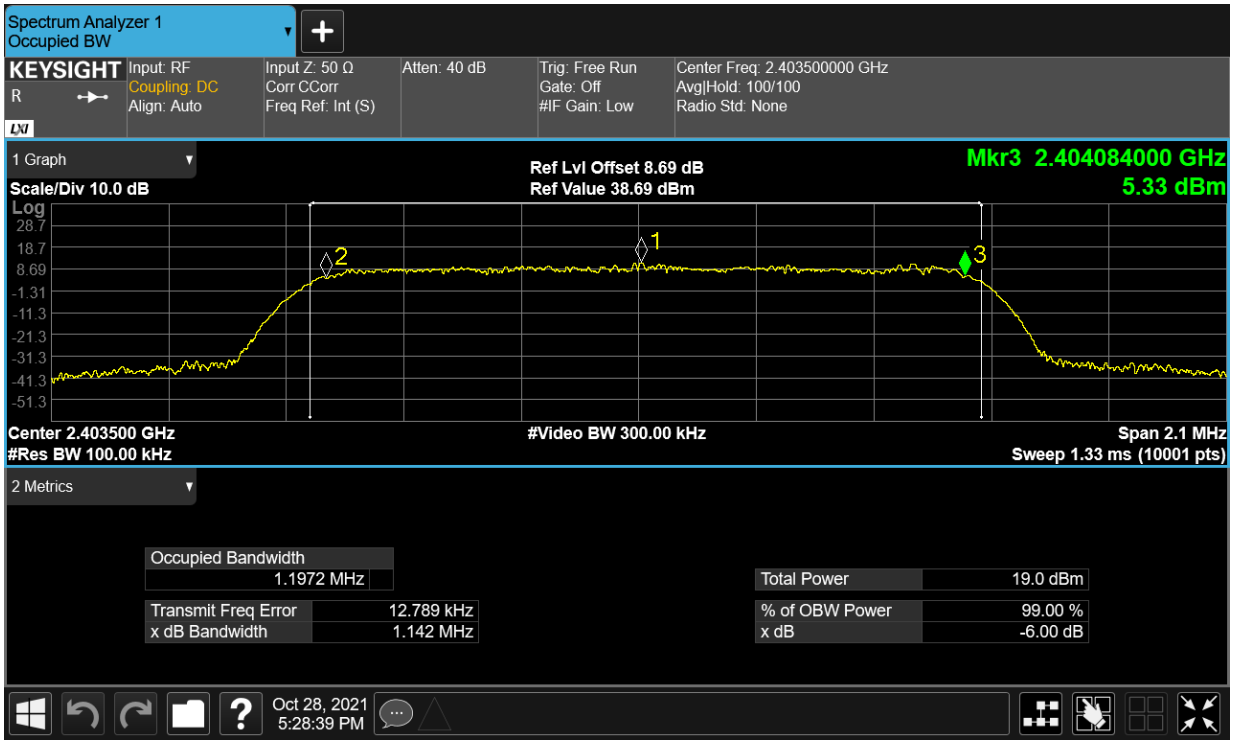


-6dB Bandwidth

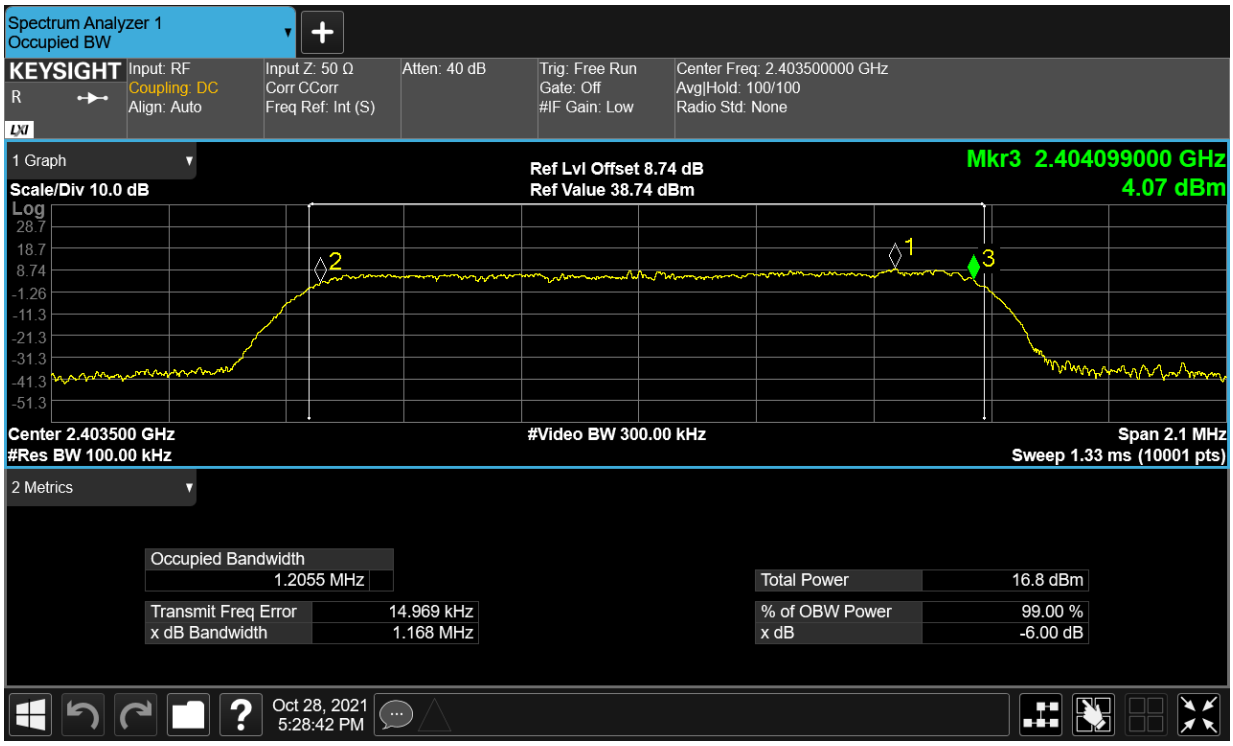
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	1.142	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	1.168	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	1.166	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	1.154	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	1.149	0.5	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	1.161	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	1.156	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	1.156	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	1.16	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	1.152	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	1.166	0.5	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	1.137	0.5	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant1	8.984	0.5	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant2	9.002	0.5	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant1	8.965	0.5	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant2	9	0.5	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant1	8.985	0.5	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant2	8.926	0.5	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant1	9.012	0.5	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant2	8.951	0.5	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant1	8.945	0.5	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant2	8.982	0.5	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant1	8.978	0.5	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant2	8.902	0.5	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant1	15.737	0.5	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant2	9.929	0.5	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant1	17.262	0.5	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant2	17.688	0.5	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant1	17.798	0.5	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant2	9.926	0.5	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	17.608	0.5	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant2	1.815	0.5	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant1	17.571	0.5	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant2	2.2	0.5	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant1	16.845	0.5	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant2	16.725	0.5	Pass

Test Graphs

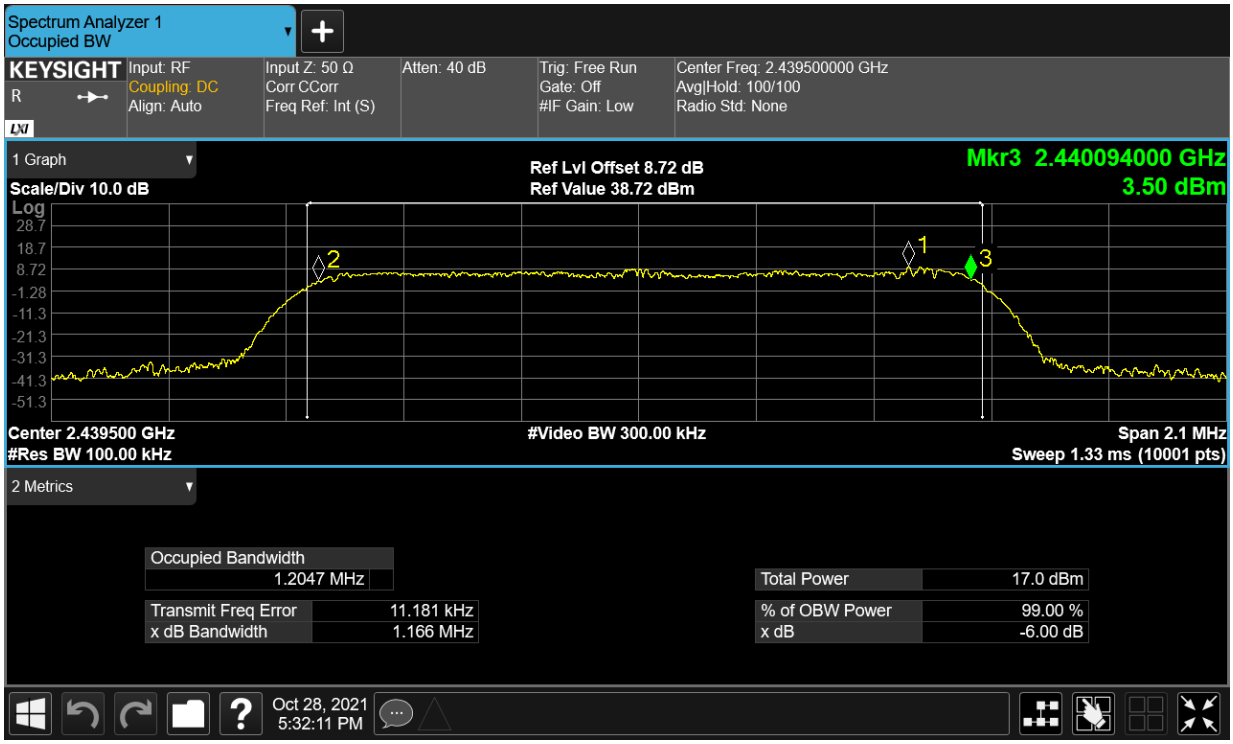
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant1



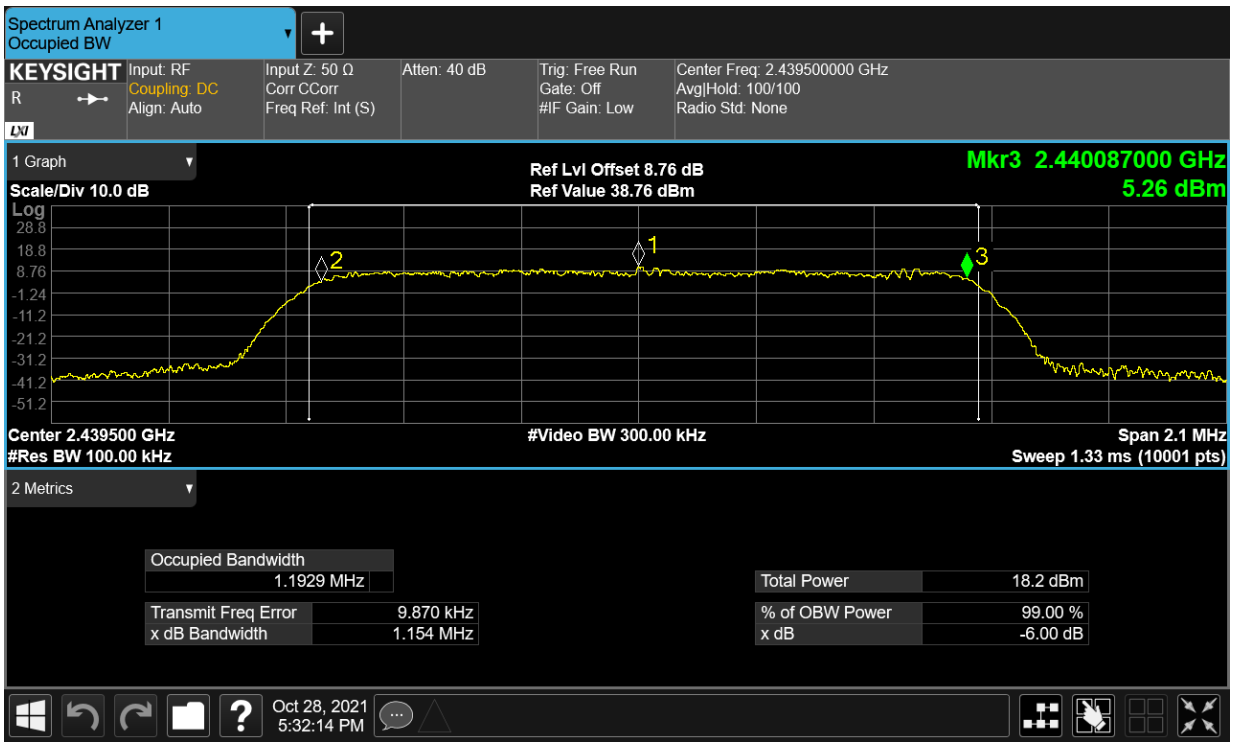
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant2



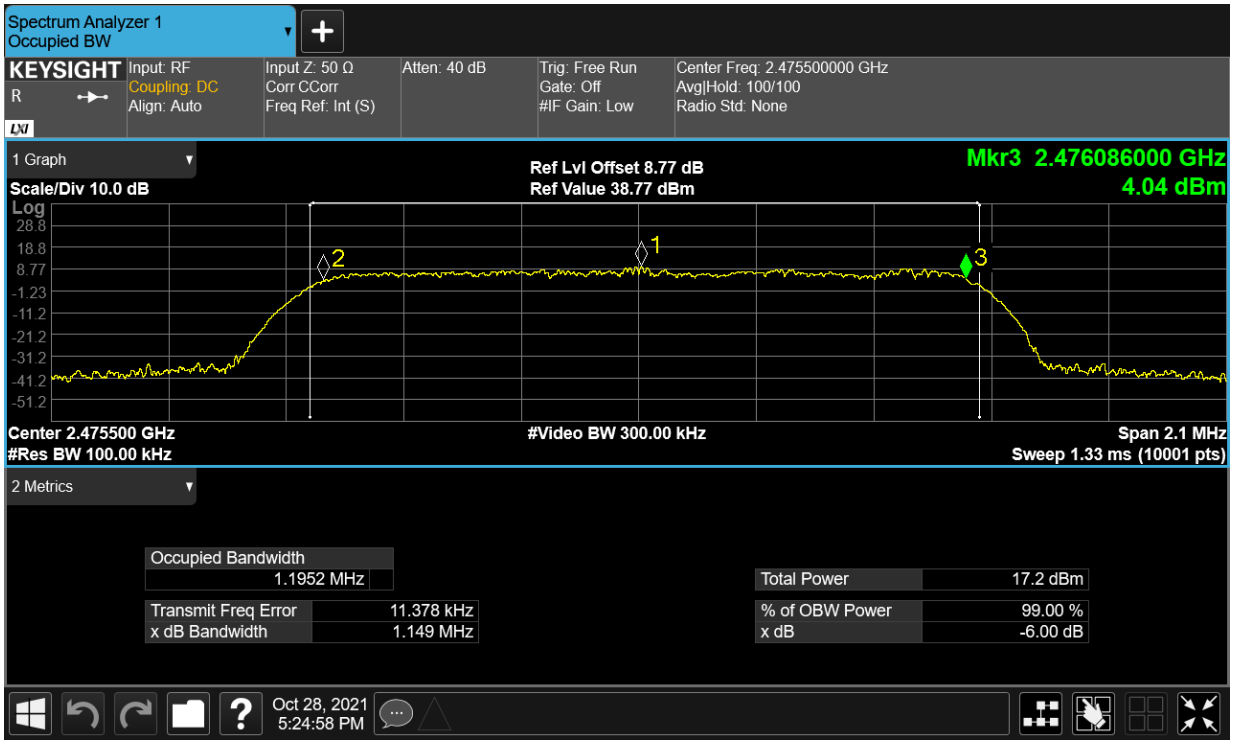
-6dB Bandwidth NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant1



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



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



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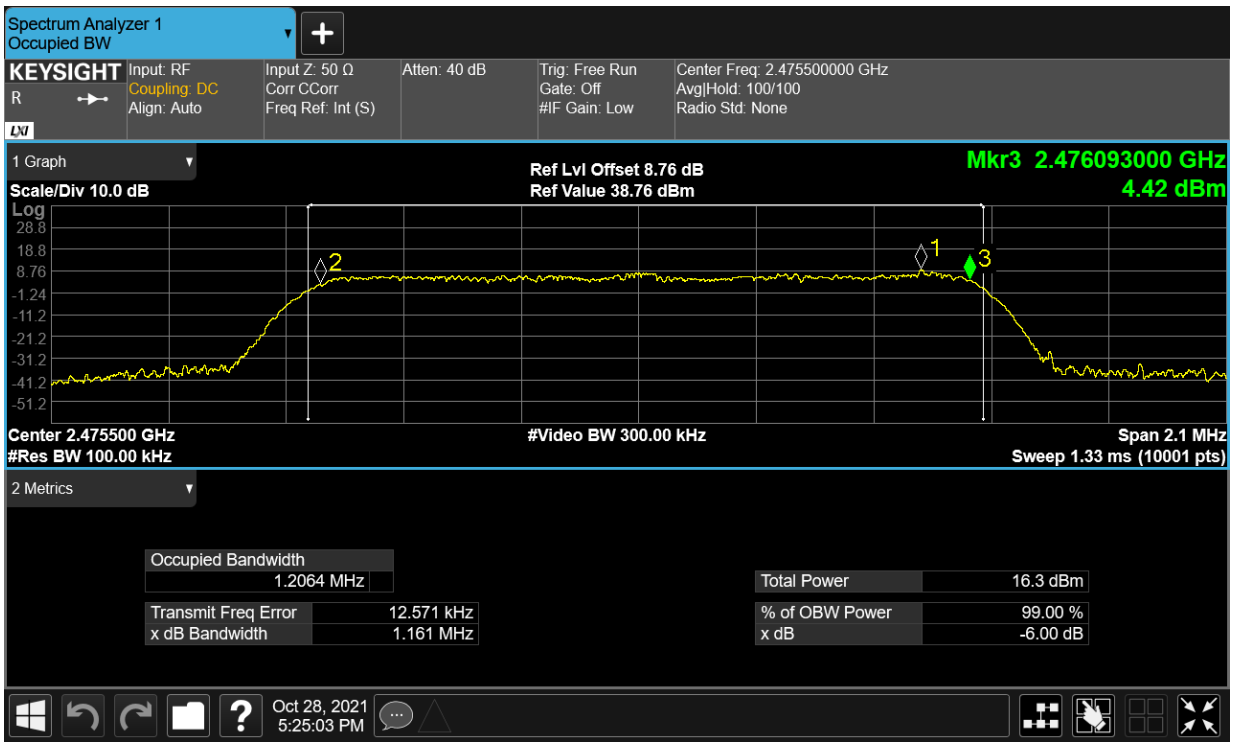
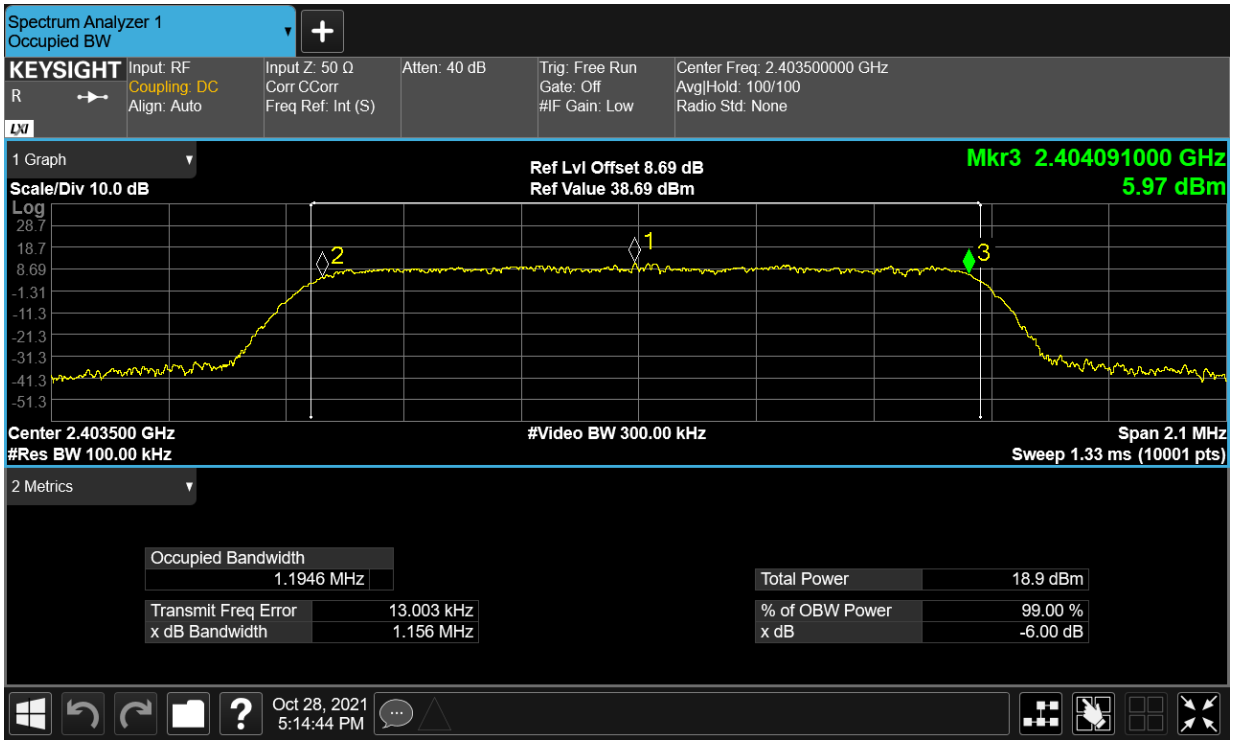


-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2403.5MHz Ant1



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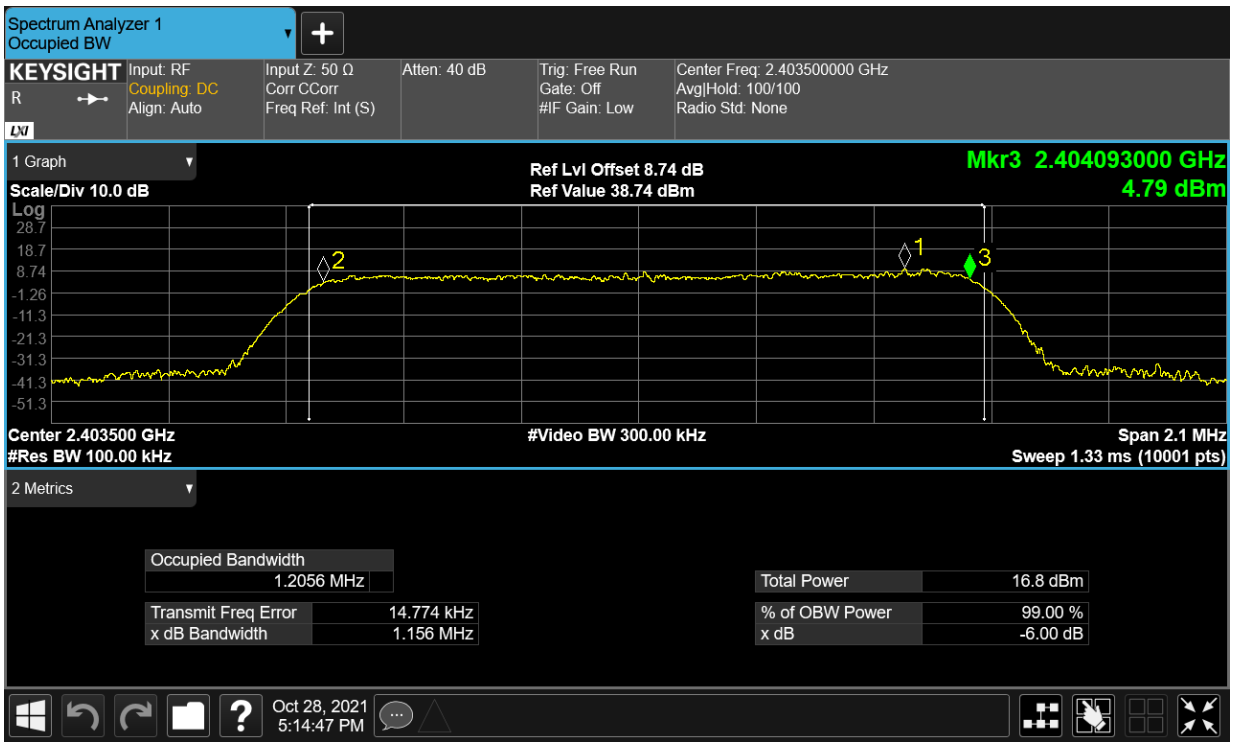
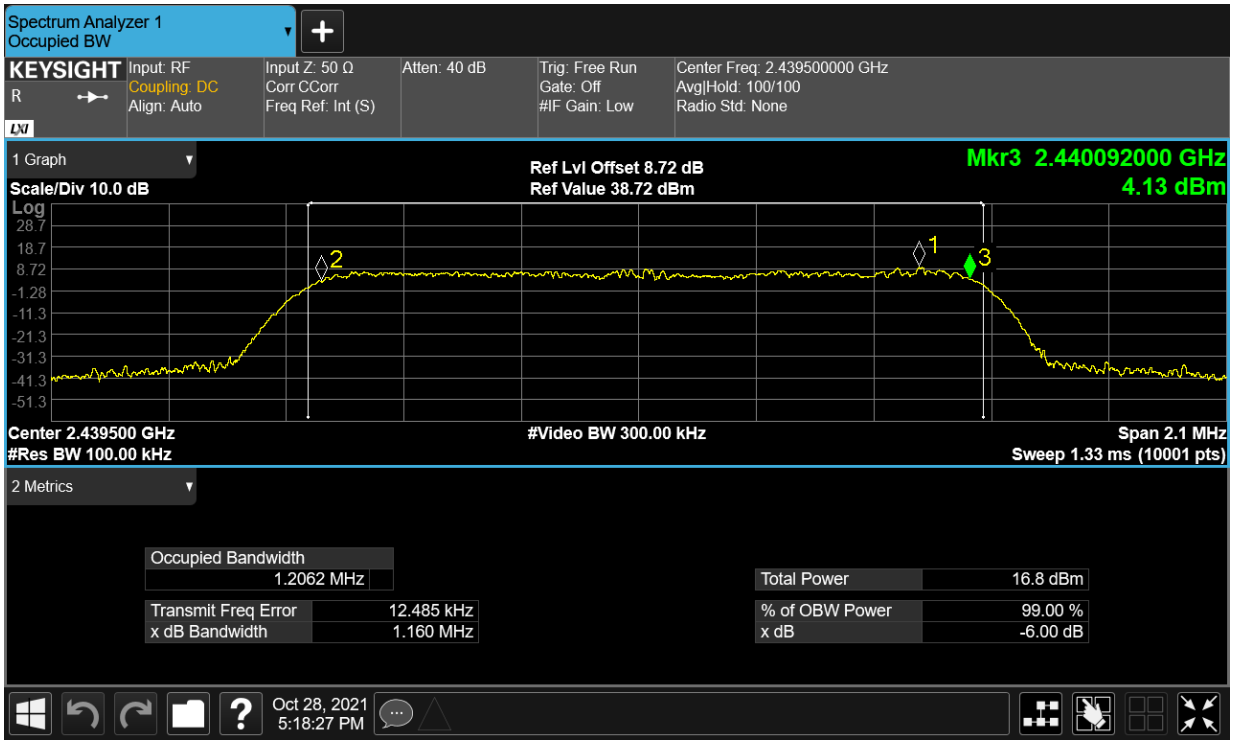
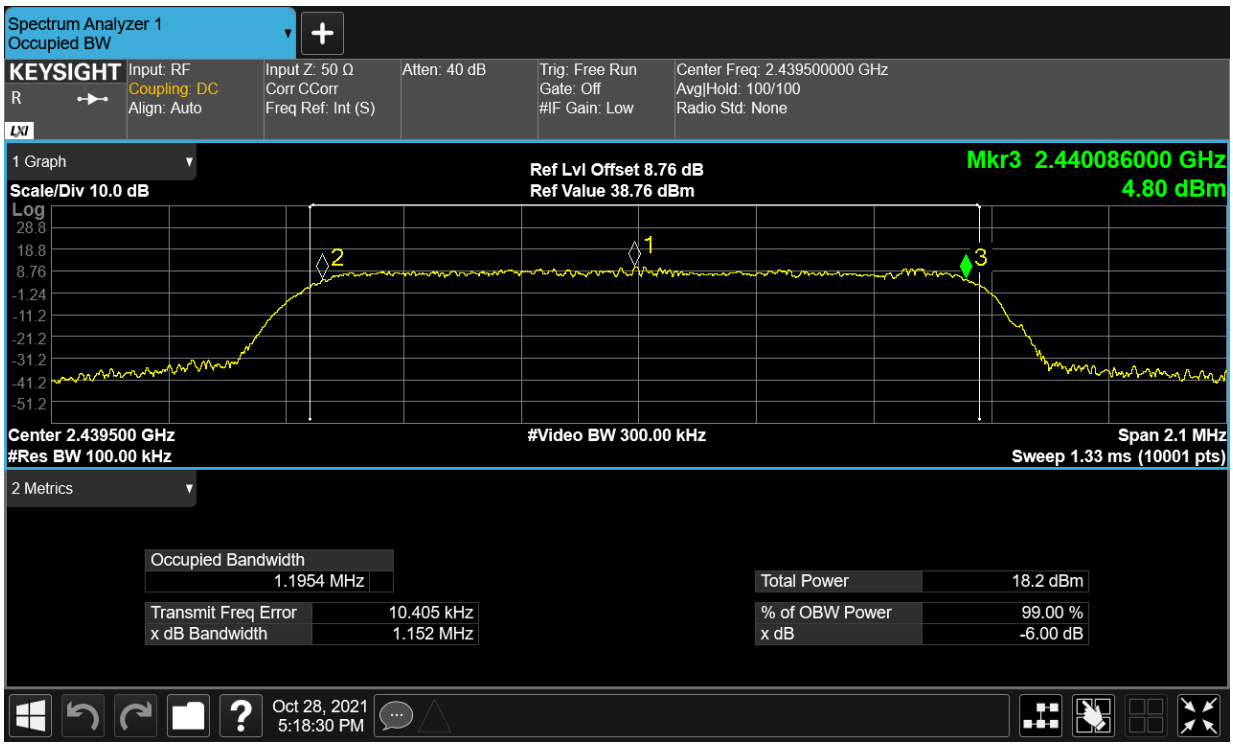


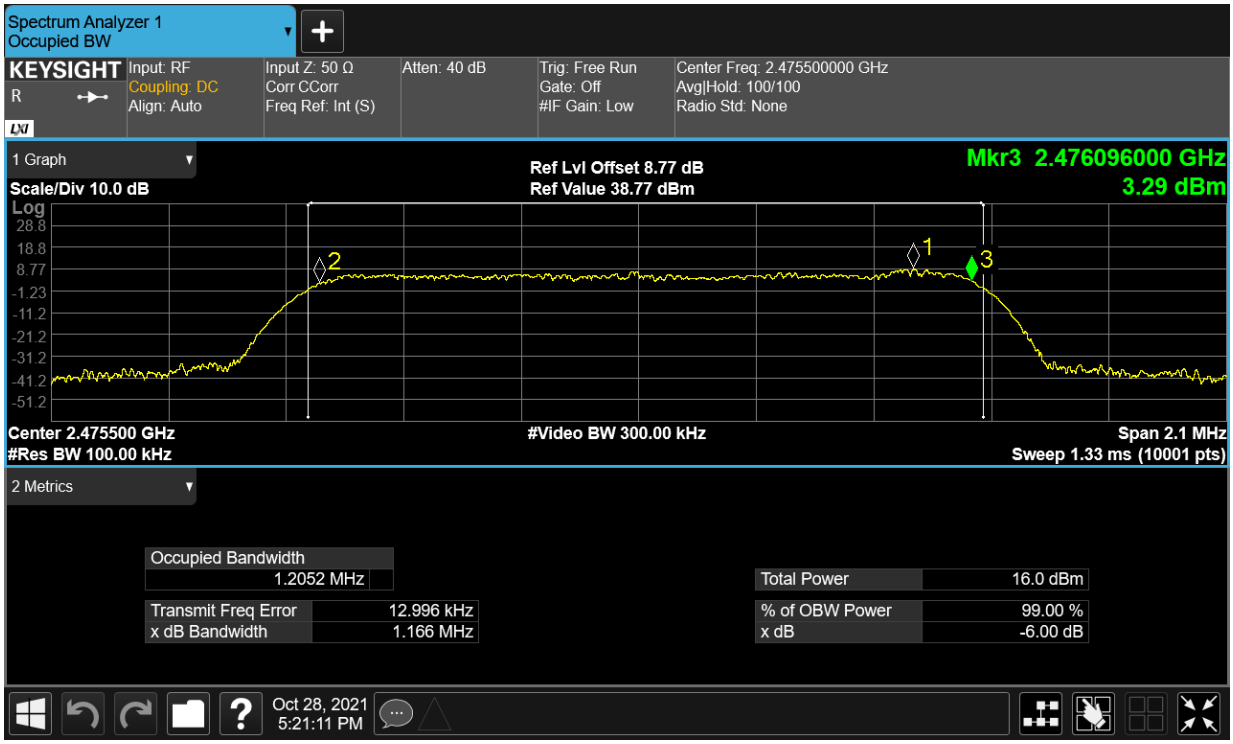
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant1



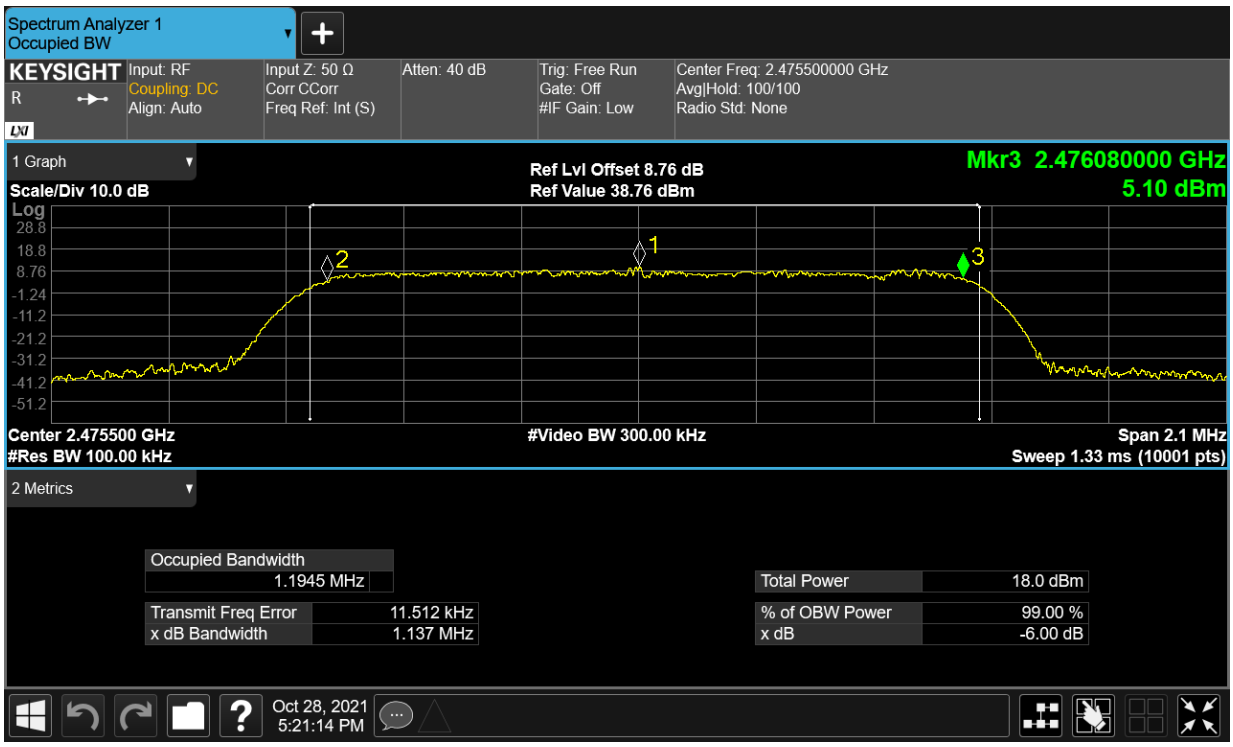
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2439.5MHz Ant2



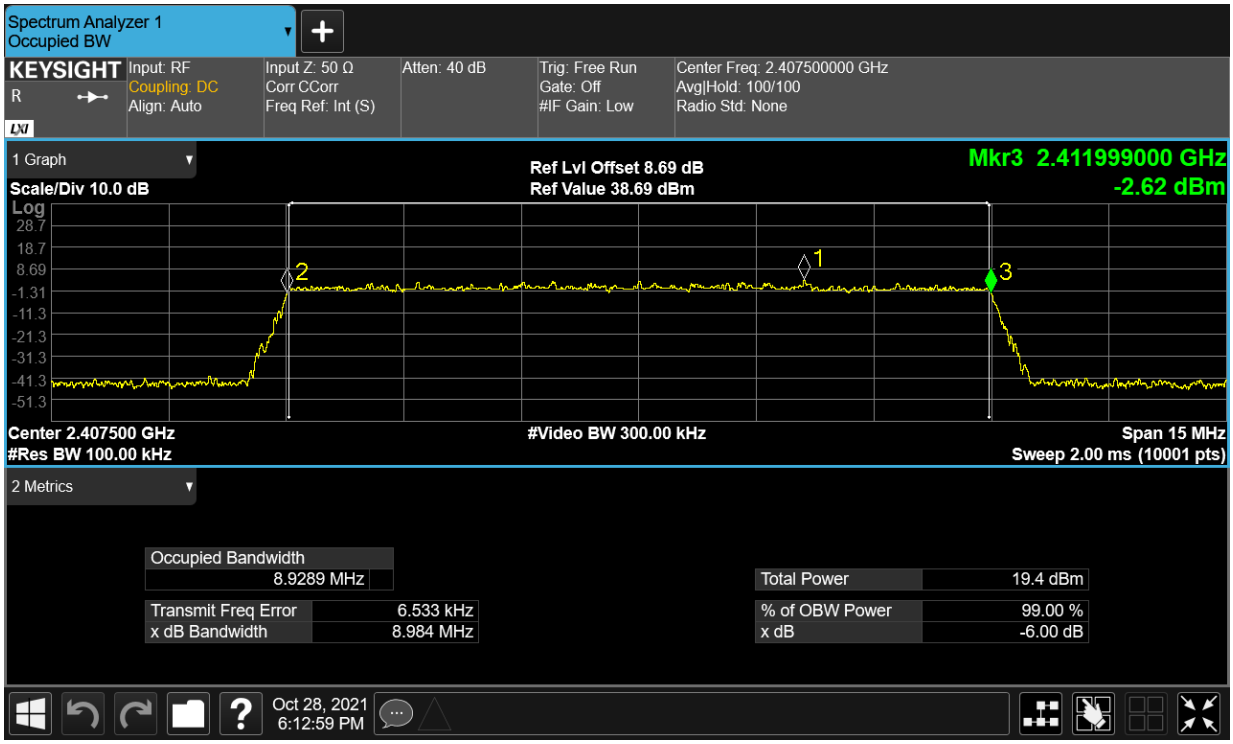
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant1



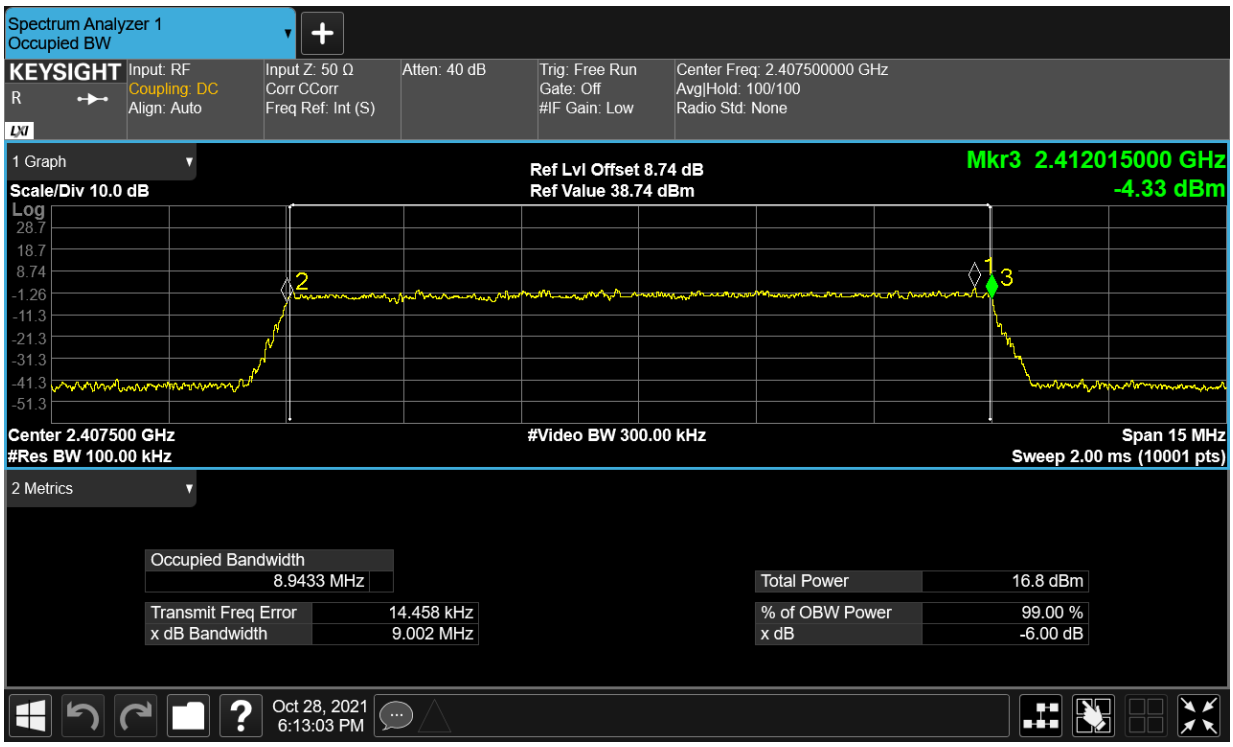
-6dB Bandwidth NVNT 2.4G-1.4M-QPSK 2475.5MHz Ant2



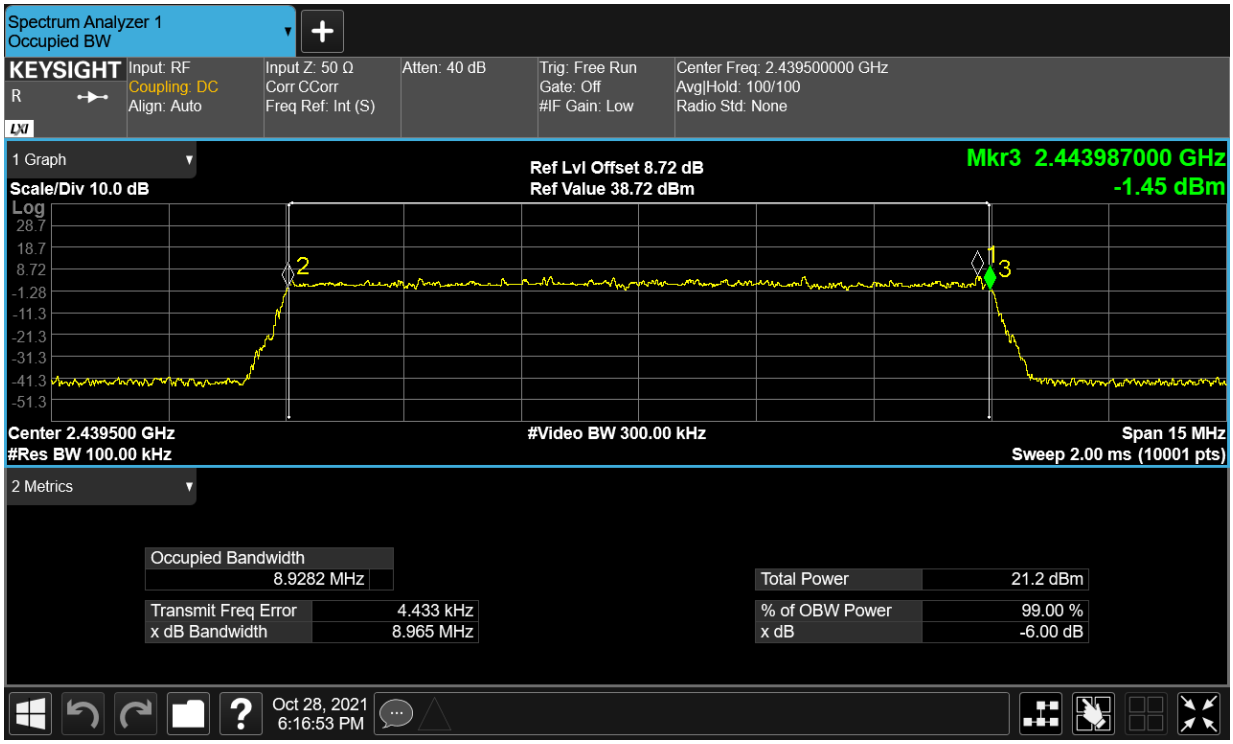
-6dB Bandwidth NVNT 2.4G-10M-16QAM 2407.5MHz Ant1



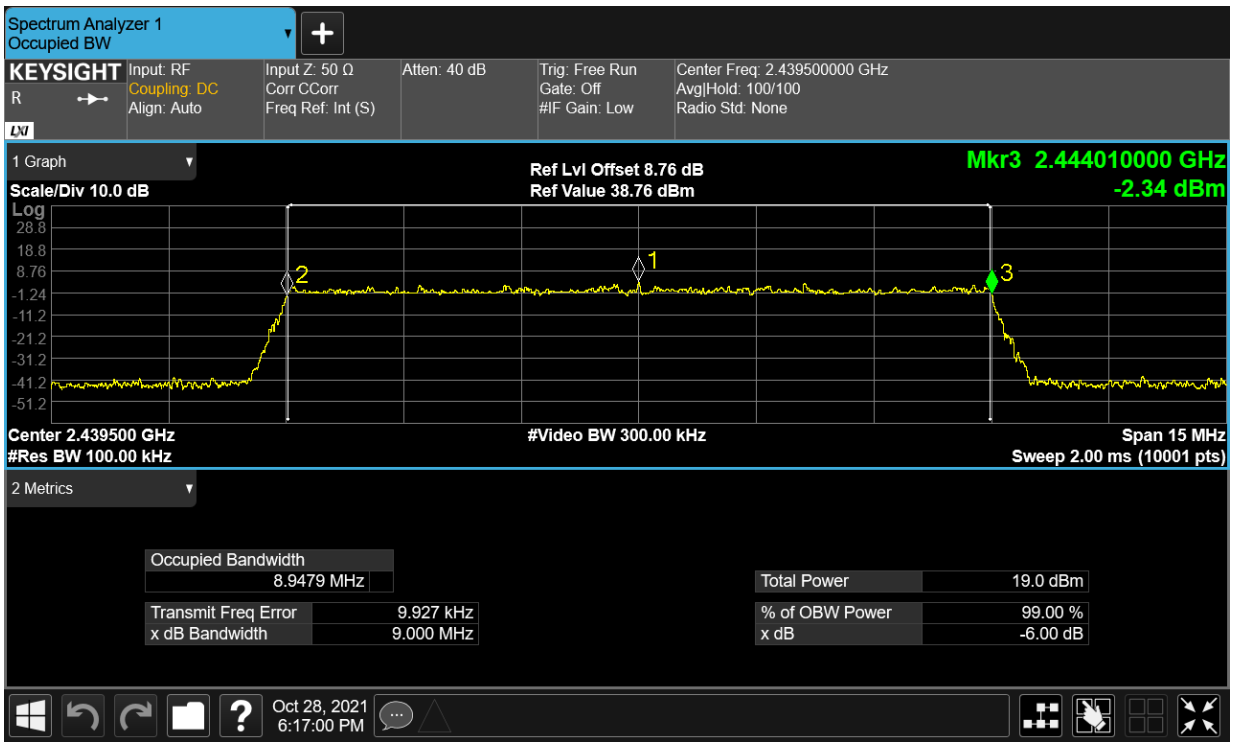
-6dB Bandwidth NVNT 2.4G-10M-16QAM 2407.5MHz Ant2



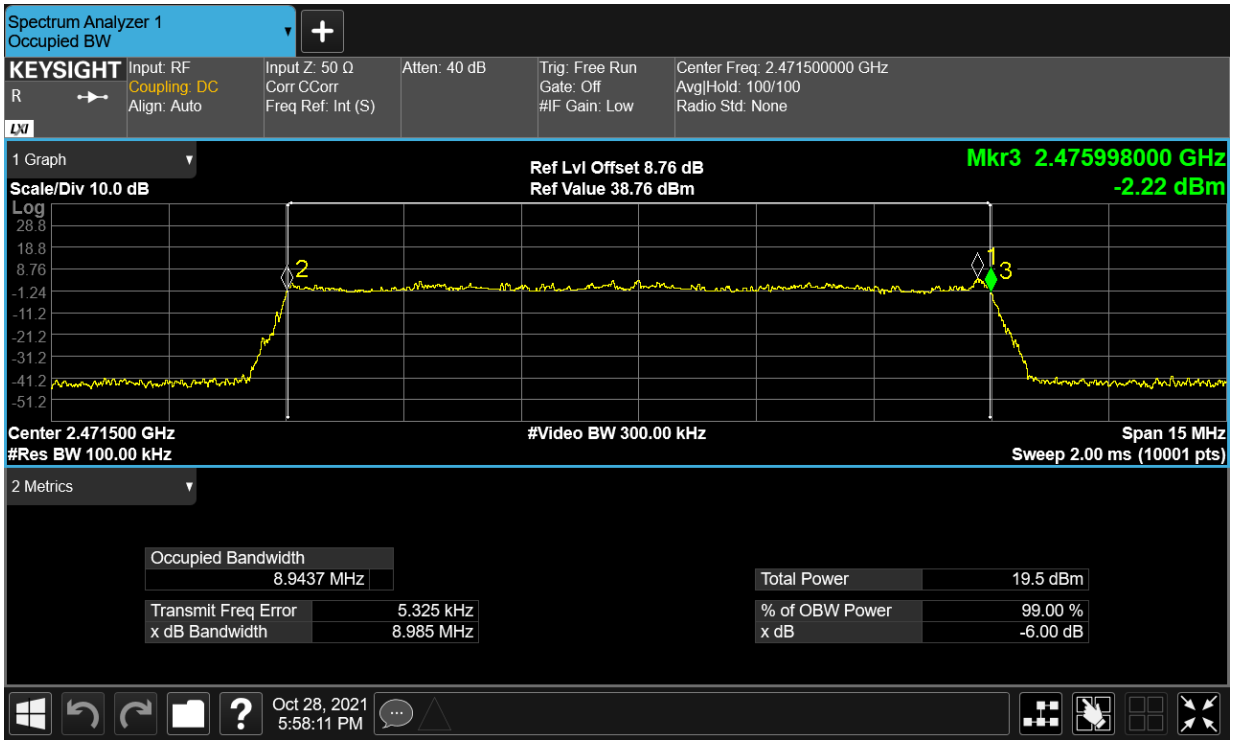
-6dB Bandwidth NVNT 2.4G-10M-16QAM 2439.5MHz Ant1



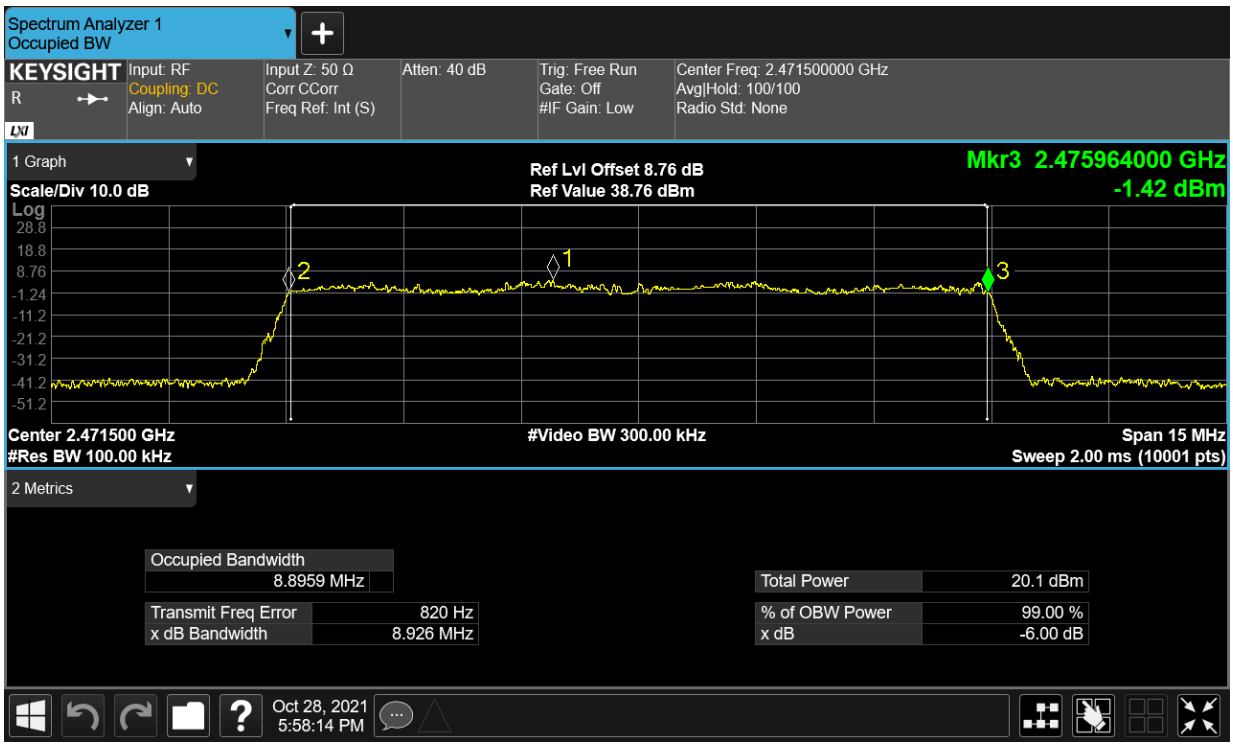
-6dB Bandwidth NVNT 2.4G-10M-16QAM 2439.5MHz Ant2



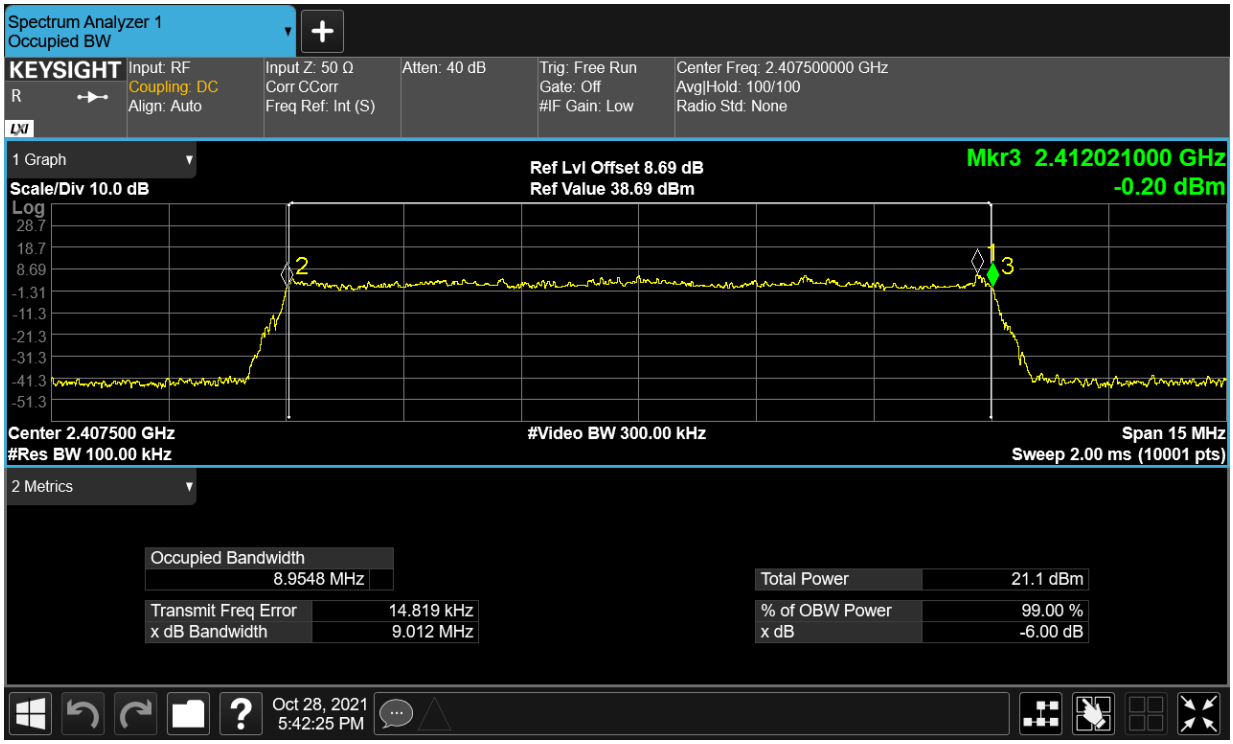
-6dB Bandwidth NVNT 2.4G-10M-16QAM 2471.5MHz Ant1



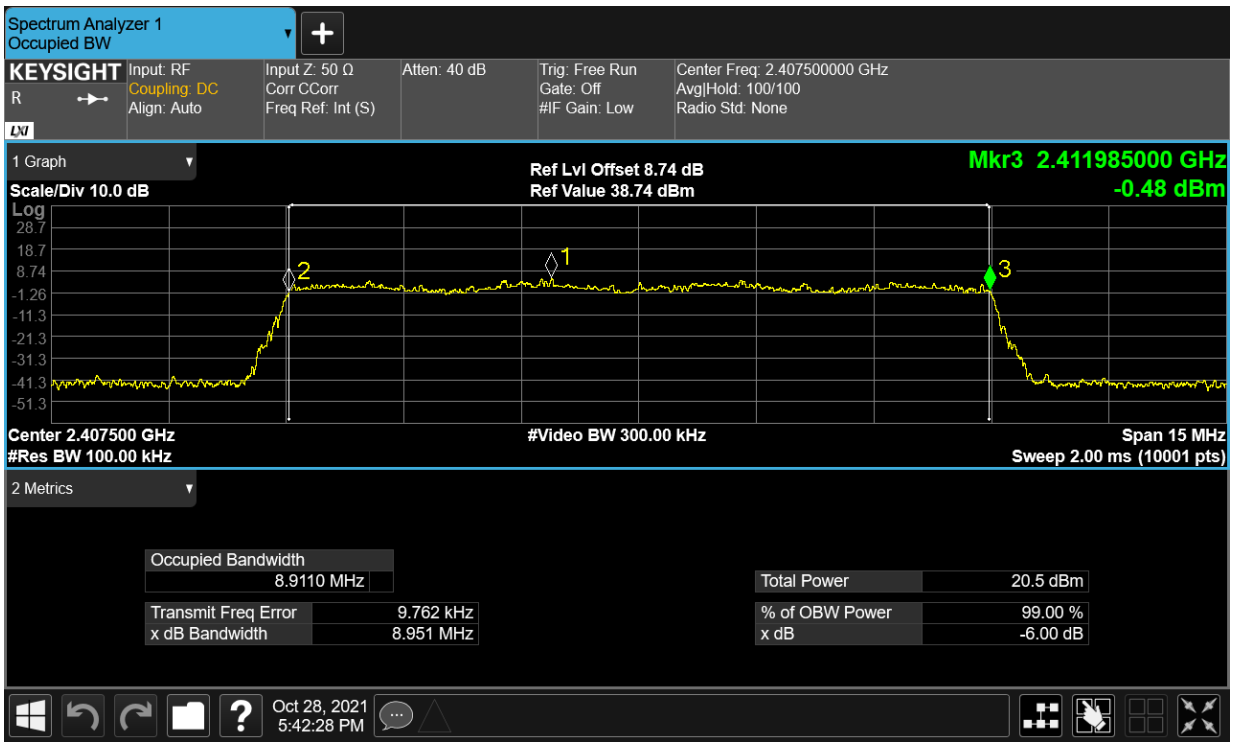
-6dB Bandwidth NVNT 2.4G-10M-16QAM 2471.5MHz Ant2



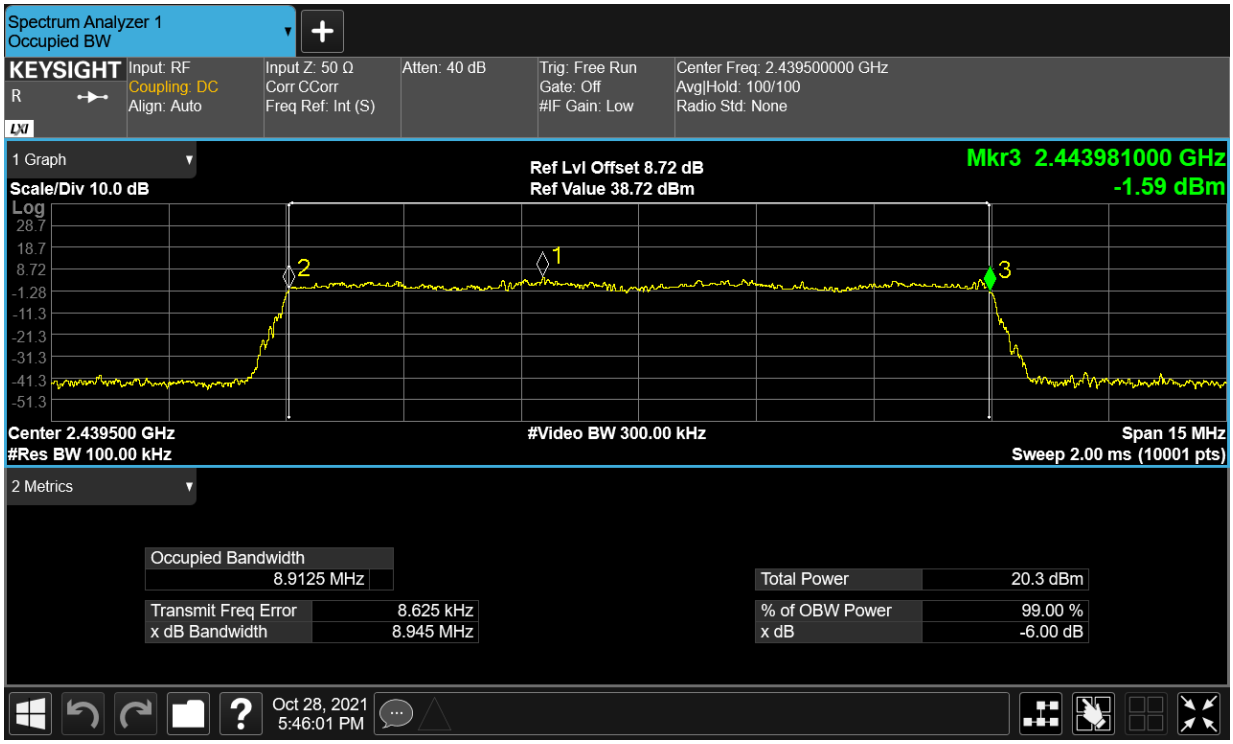
-6dB Bandwidth NVNT 2.4G-10M-QPSK 2407.5MHz Ant1



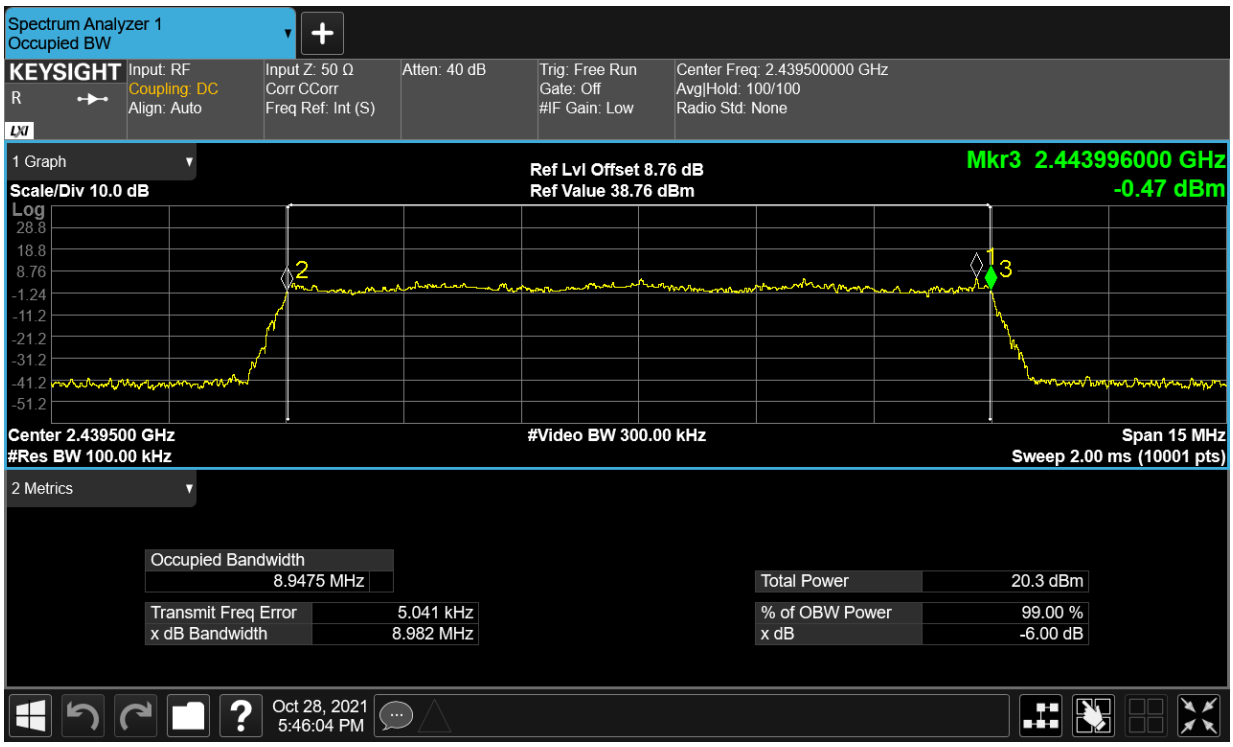
-6dB Bandwidth NVNT 2.4G-10M-QPSK 2407.5MHz Ant2



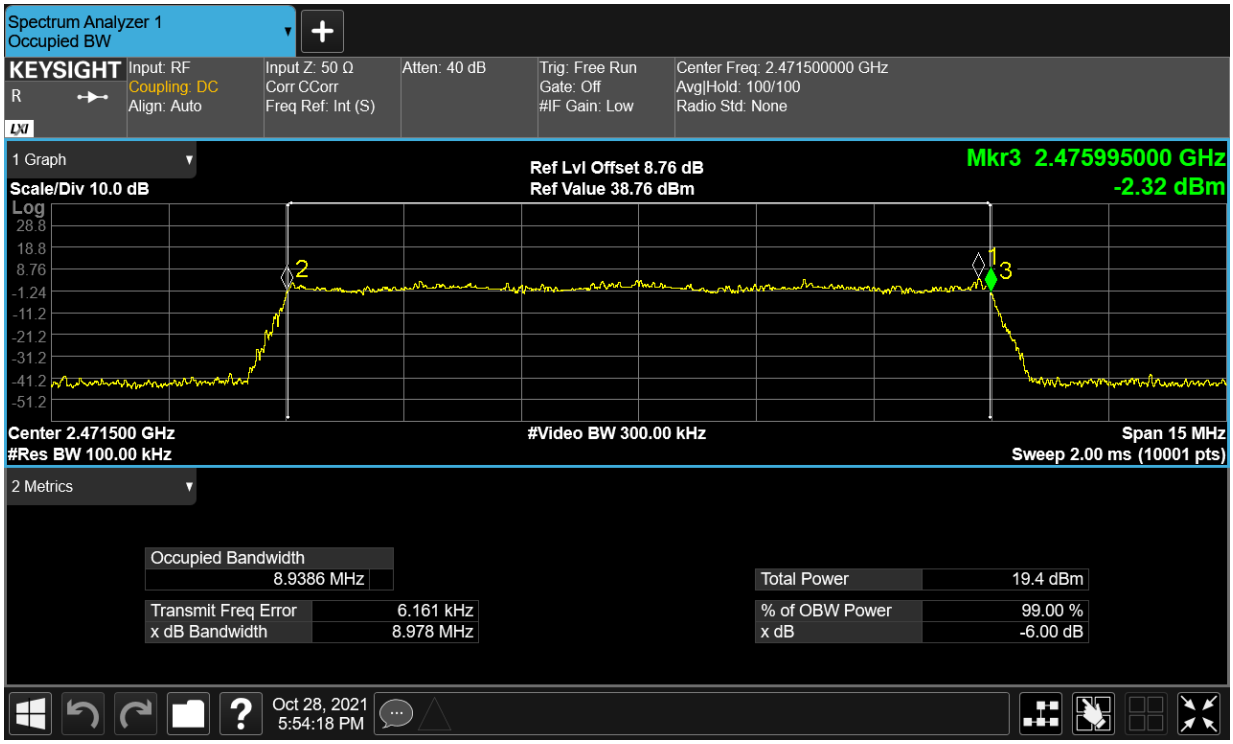
-6dB Bandwidth NVNT 2.4G-10M-QPSK 2439.5MHz Ant1



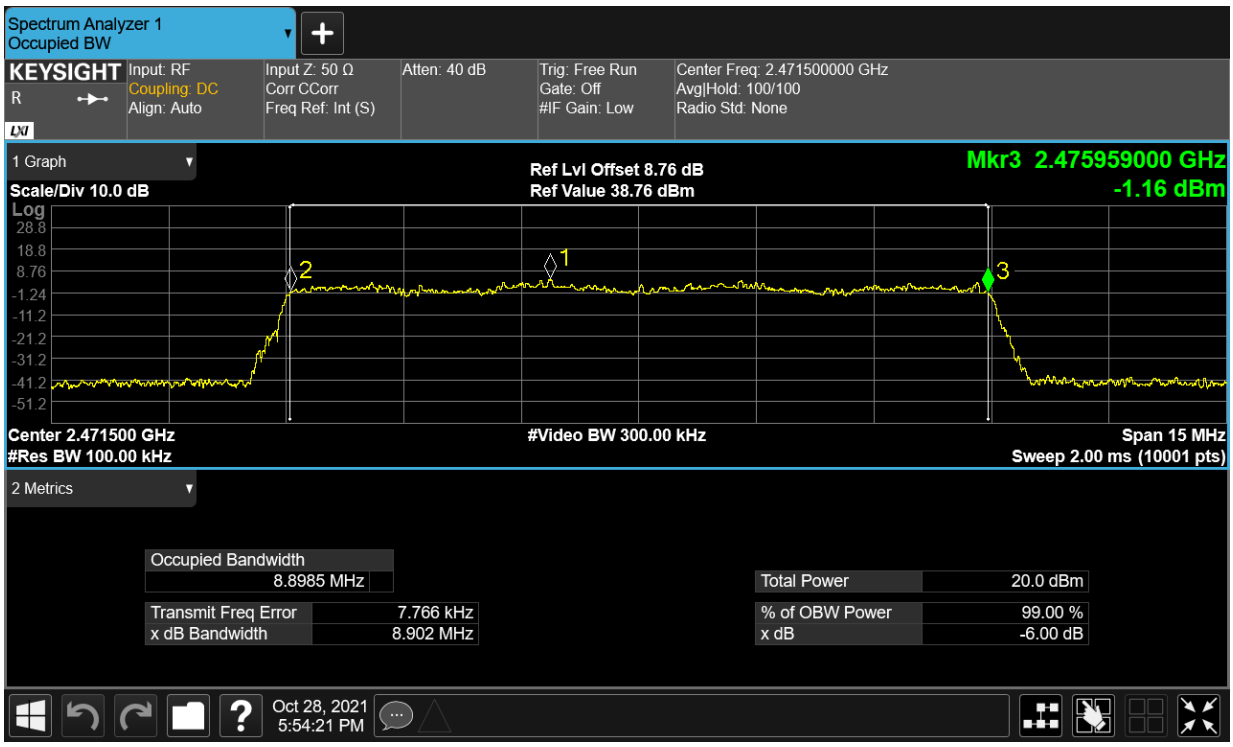
-6dB Bandwidth NVNT 2.4G-10M-QPSK 2439.5MHz Ant2



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



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



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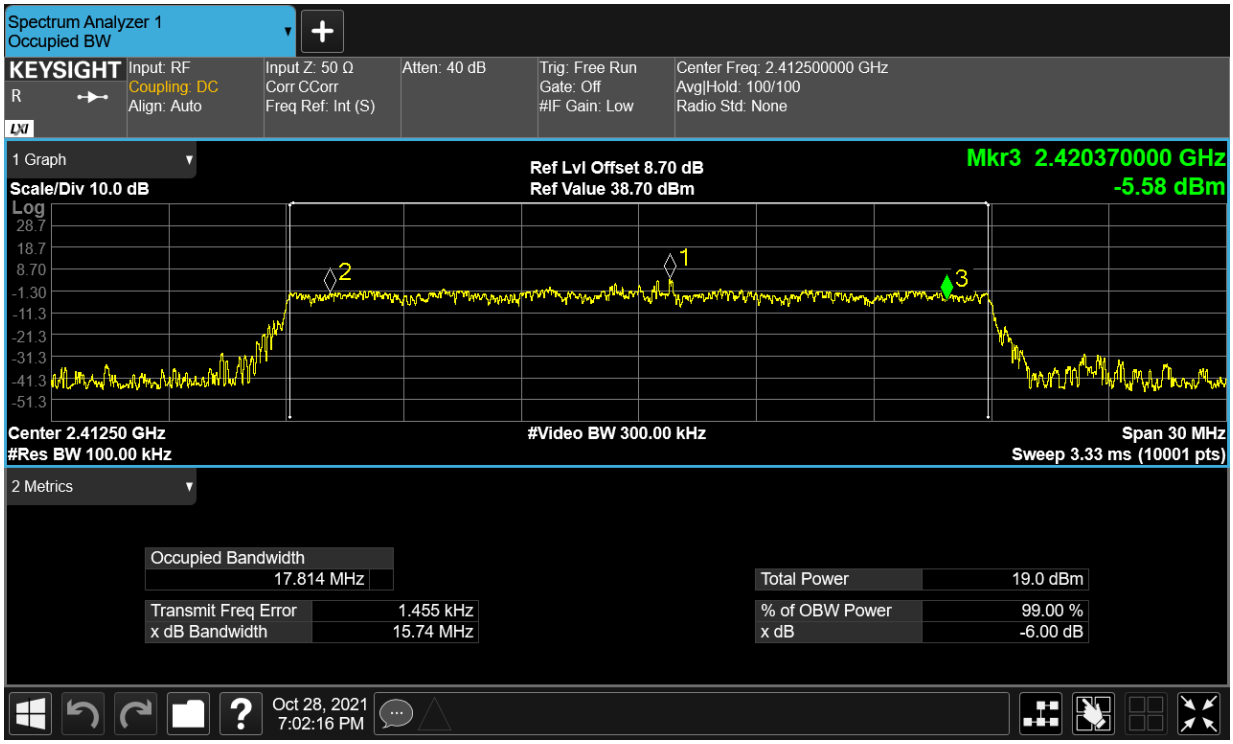
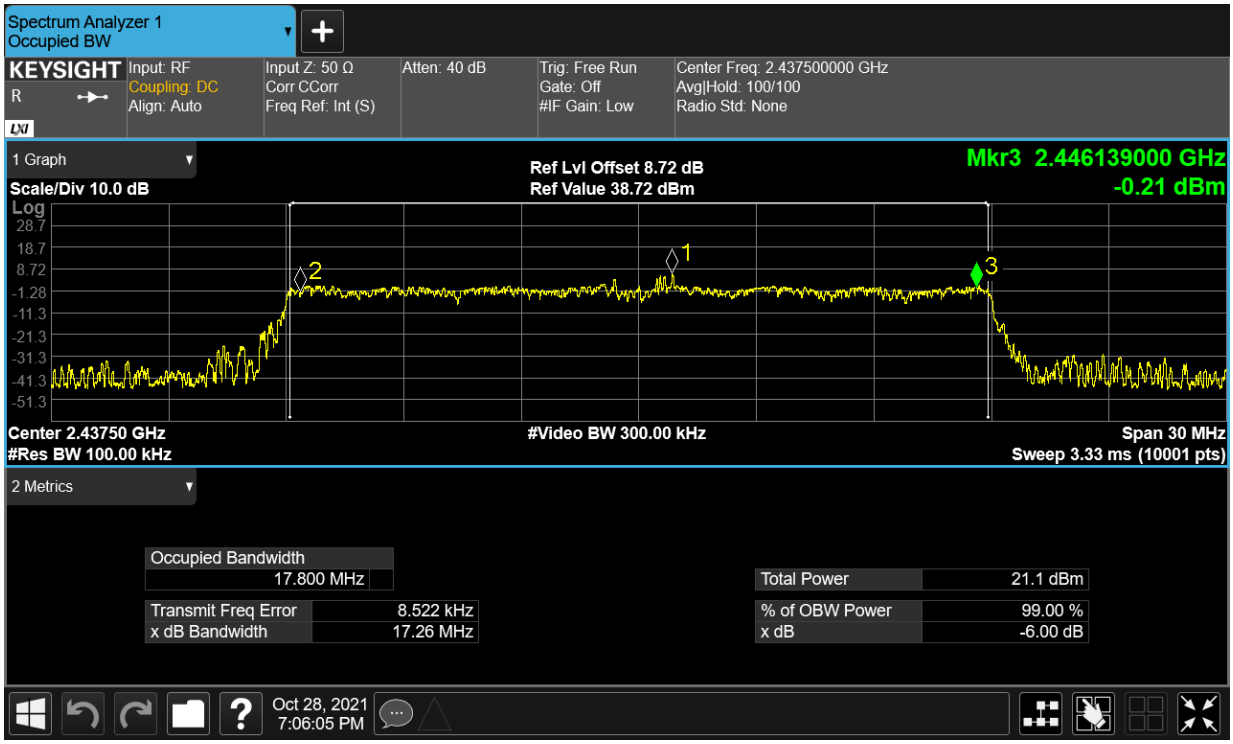
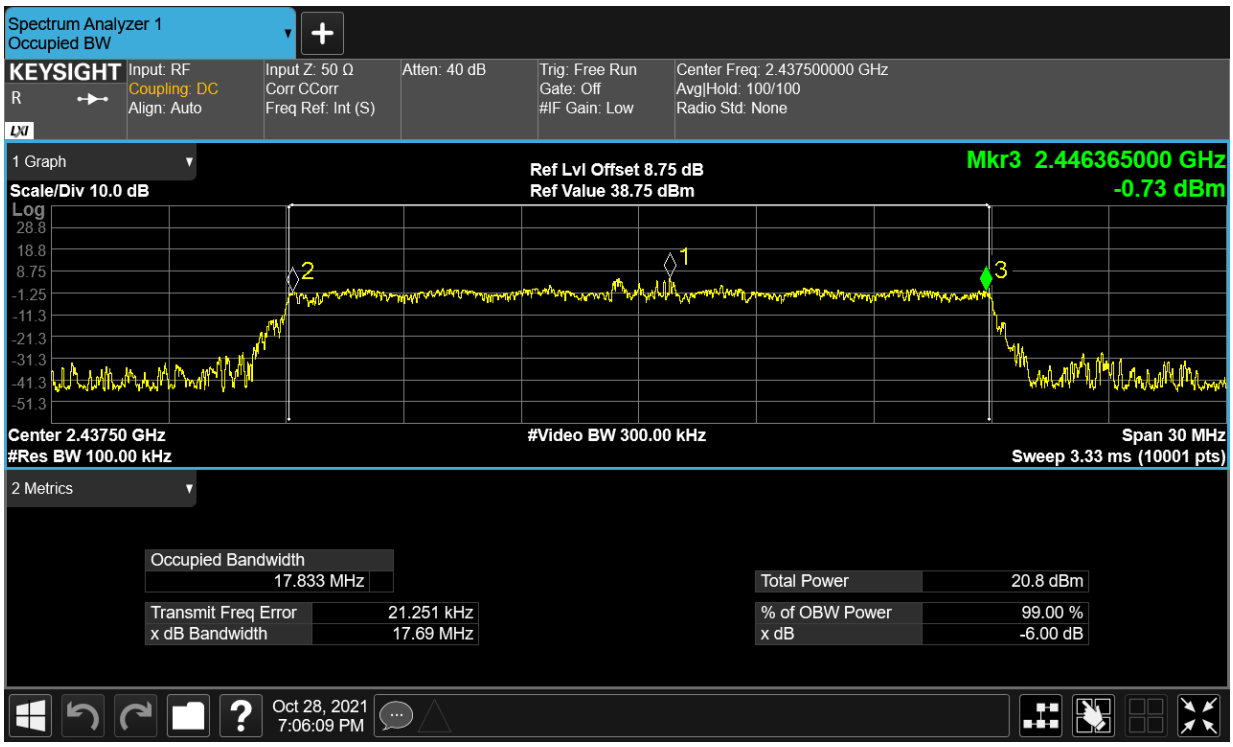


-6dB Bandwidth NVNT 2.4G-20M-16QAM 2412.5MHz Ant2

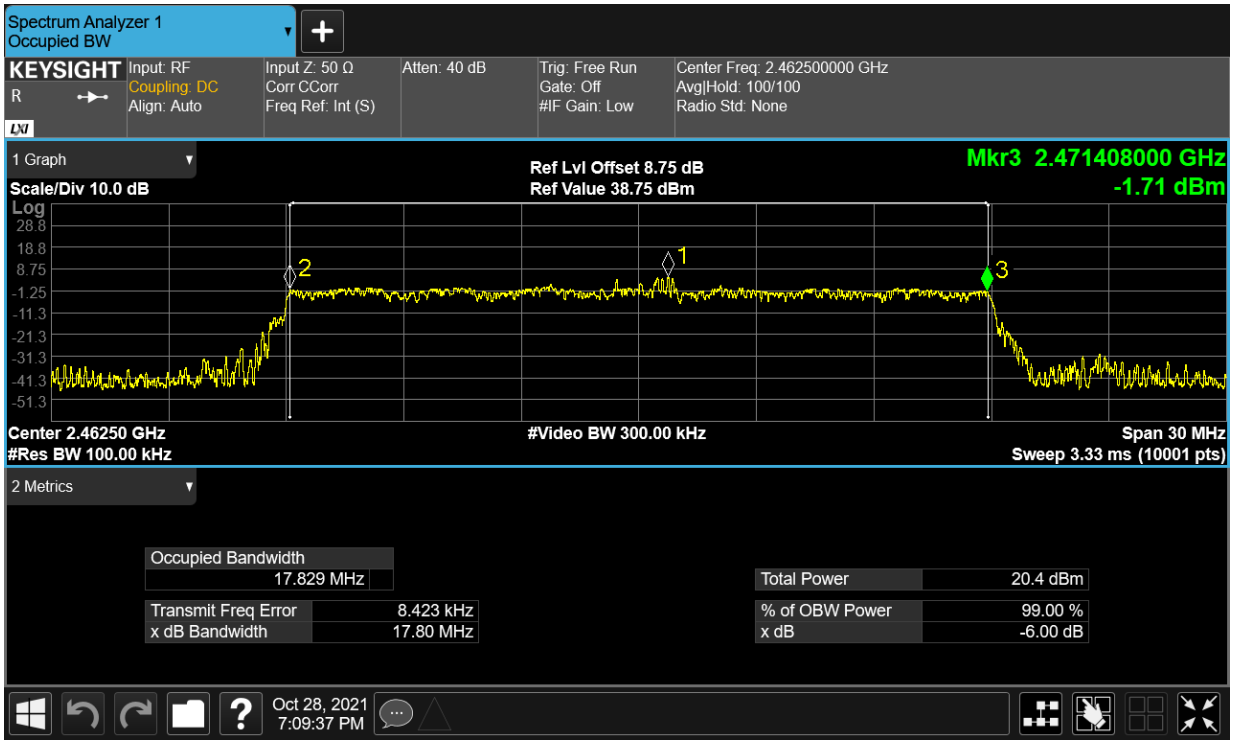
-6dB Bandwidth NVNT 2.4G-20M-16QAM 2437.5MHz Ant1



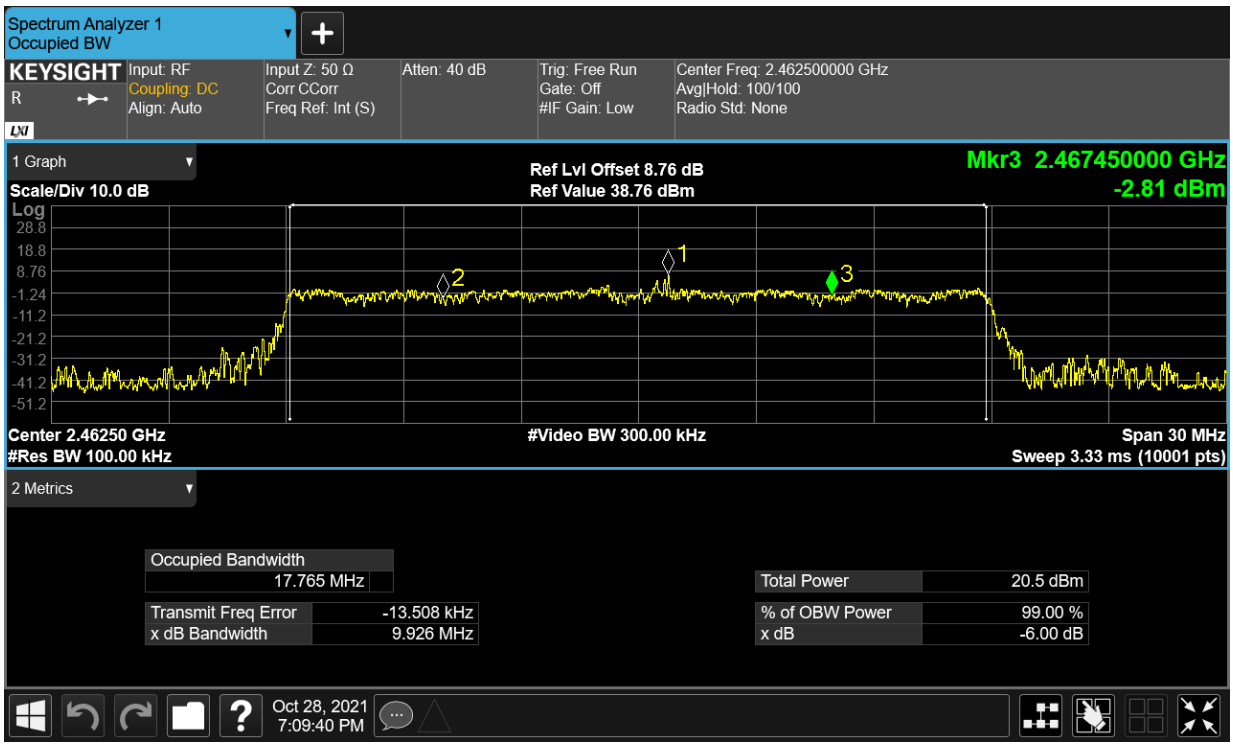
-6dB Bandwidth NVNT 2.4G-20M-16QAM 2437.5MHz Ant2



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



-6dB Bandwidth NVNT 2.4G-20M-16QAM 2462.5MHz Ant2



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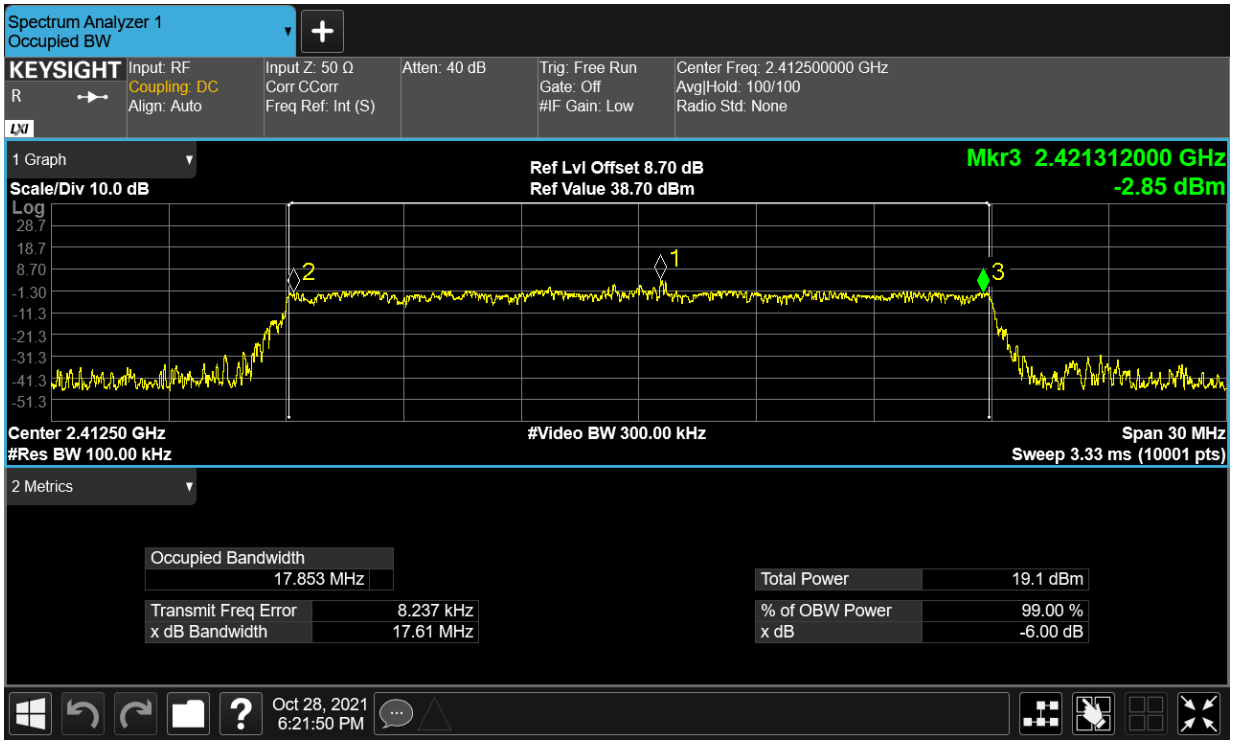

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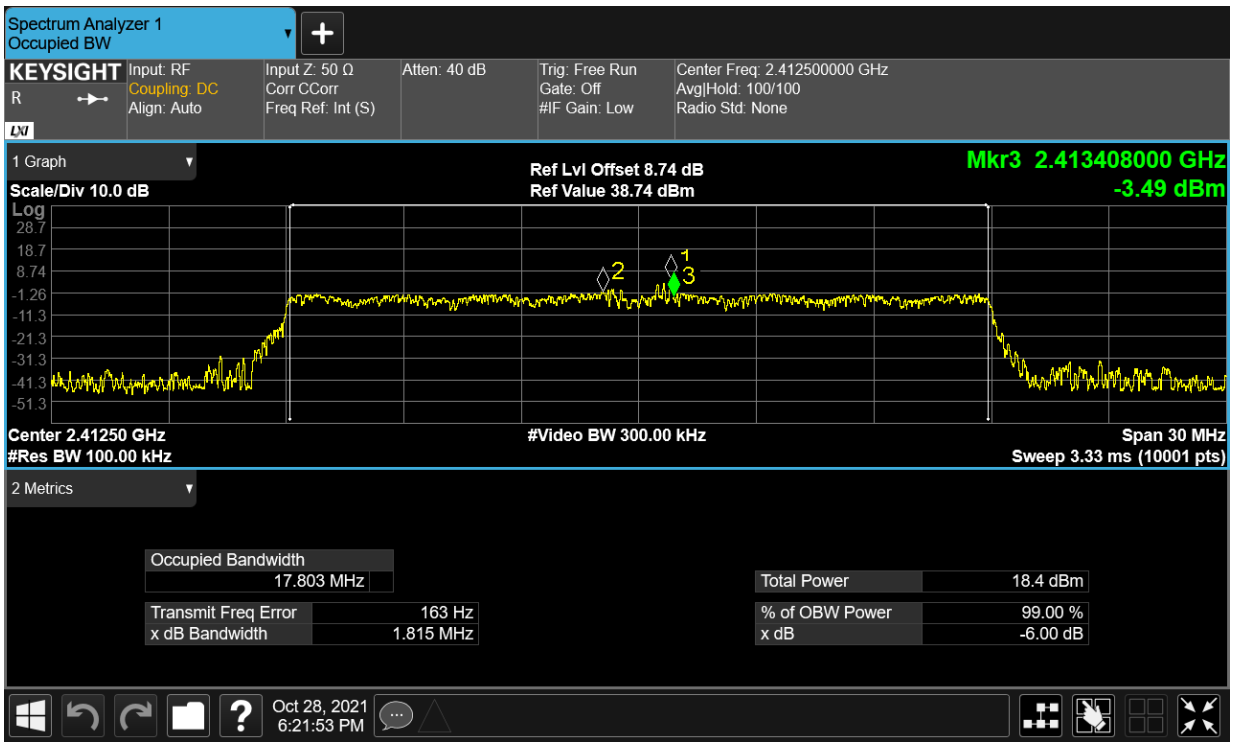

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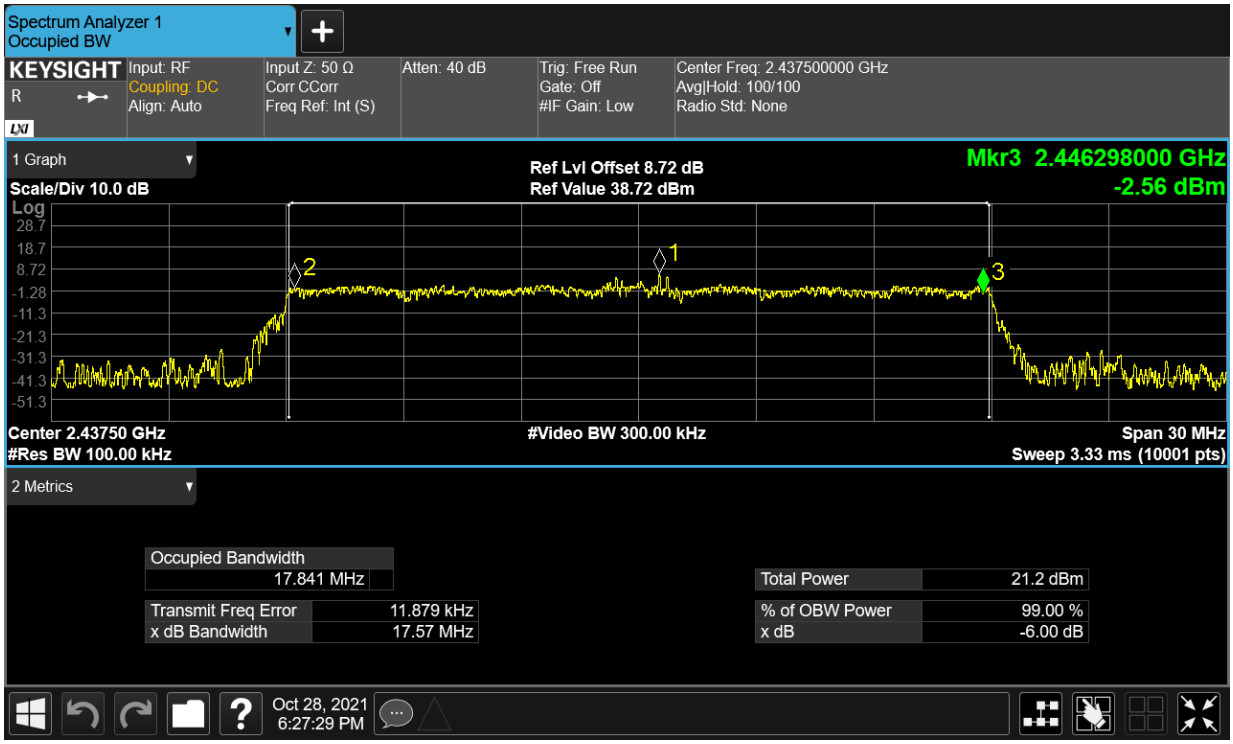
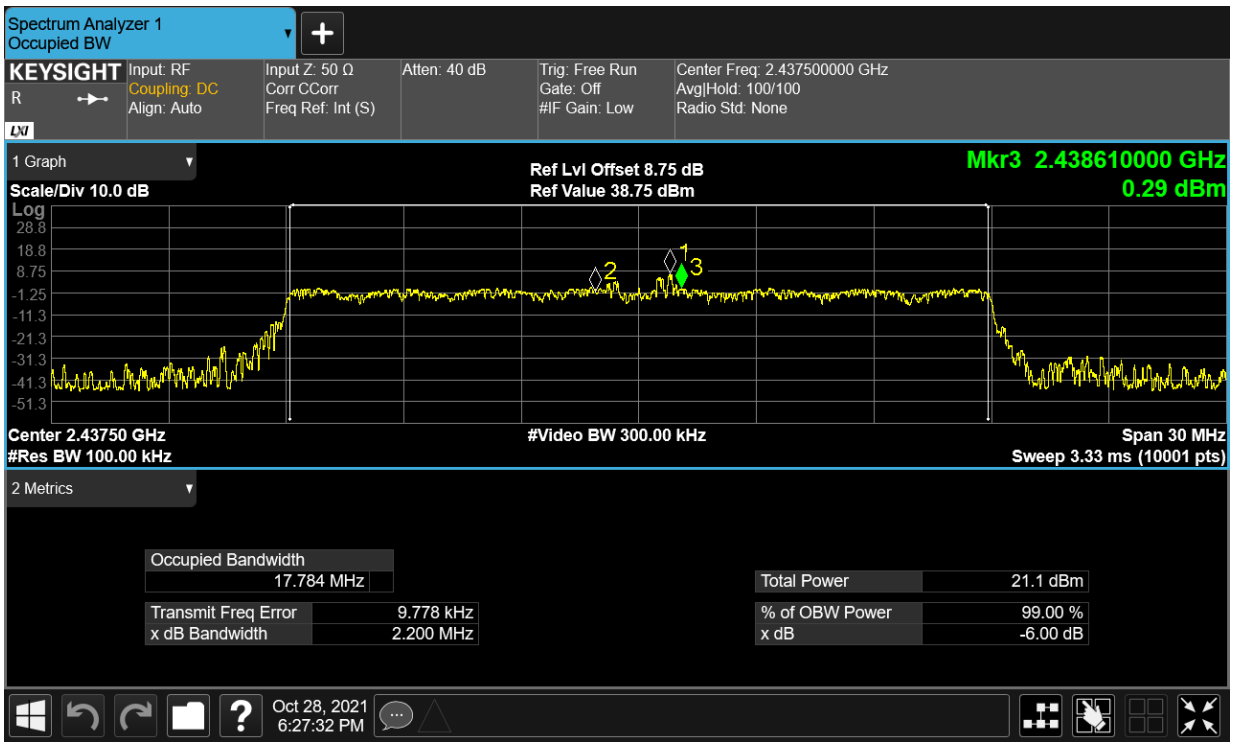
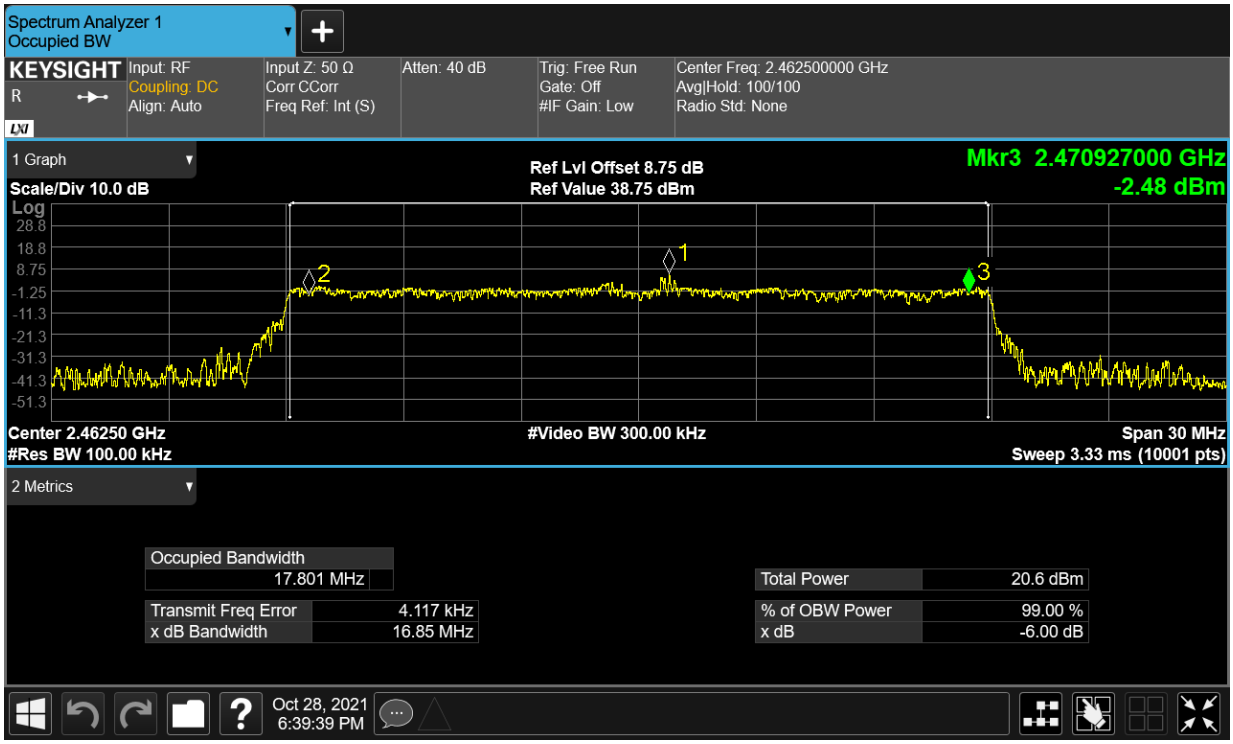


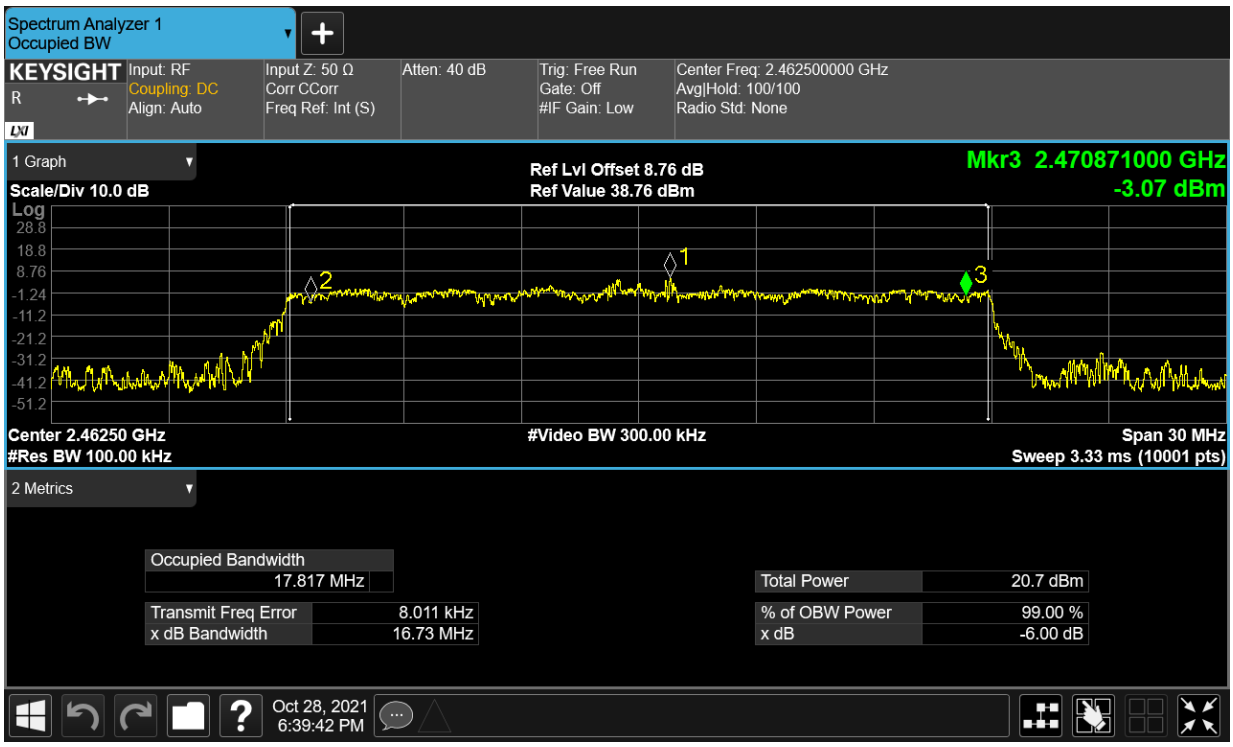
-6dB Bandwidth NVNT 2.4G-20M-QPSK 2437.5MHz Ant2



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



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

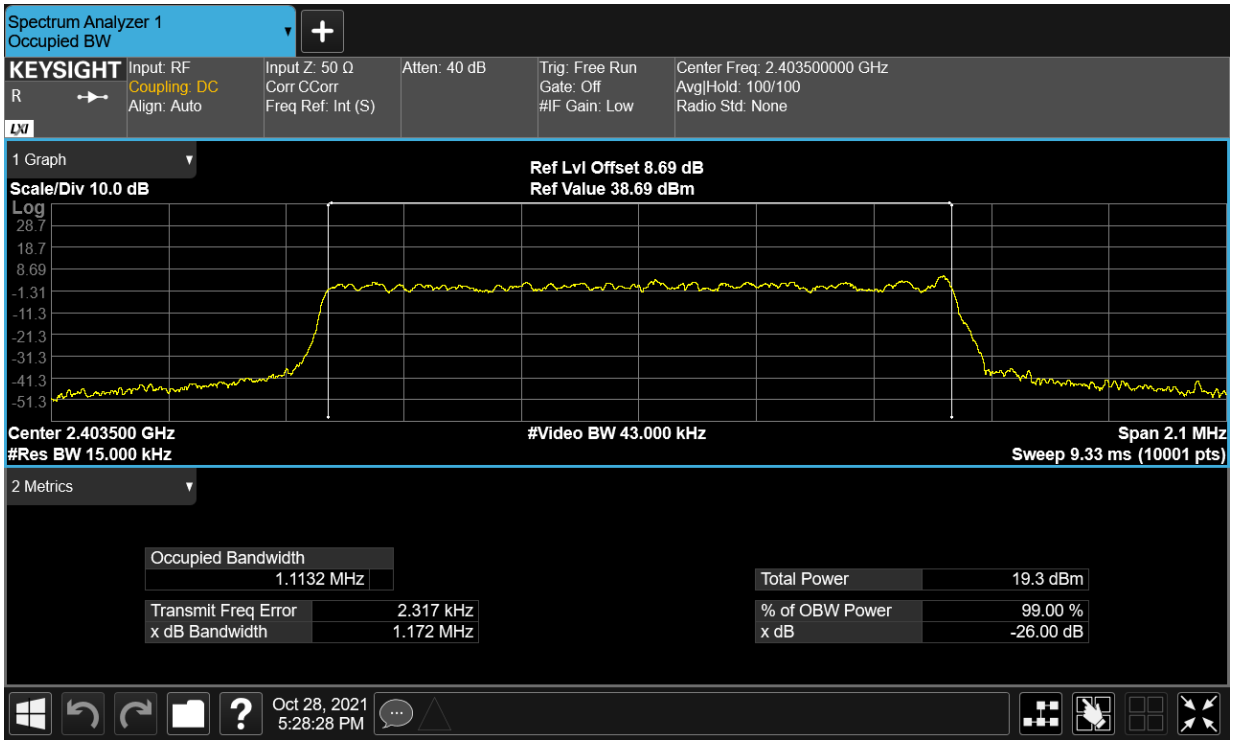


Occupied Channel Bandwidth

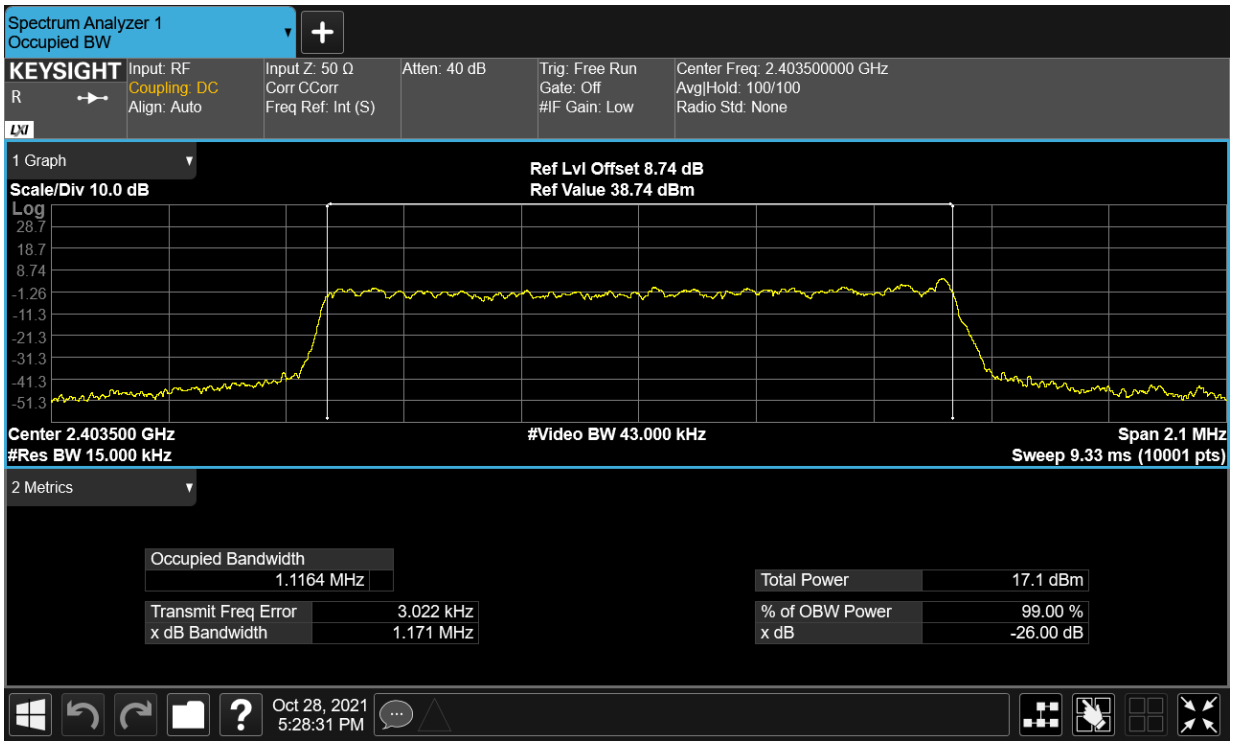
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	1.113193231
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	1.116424304
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	1.1161937
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	1.112633195
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	1.113050018
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	1.117077594
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	1.113226956
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	1.115884602
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	1.116587949
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	1.112957479
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	1.115802119
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	1.110959895
NVNT	2.4G-10M-16QAM	2407.5	Ant1	8.936534007
NVNT	2.4G-10M-16QAM	2407.5	Ant2	8.947754469
NVNT	2.4G-10M-16QAM	2439.5	Ant1	8.936682952
NVNT	2.4G-10M-16QAM	2439.5	Ant2	8.926005473
NVNT	2.4G-10M-16QAM	2471.5	Ant1	8.953837206
NVNT	2.4G-10M-16QAM	2471.5	Ant2	8.892740041
NVNT	2.4G-10M-QPSK	2407.5	Ant1	8.959069495
NVNT	2.4G-10M-QPSK	2407.5	Ant2	8.897023599
NVNT	2.4G-10M-QPSK	2439.5	Ant1	8.908710568
NVNT	2.4G-10M-QPSK	2439.5	Ant2	8.962577763
NVNT	2.4G-10M-QPSK	2471.5	Ant1	8.951296818
NVNT	2.4G-10M-QPSK	2471.5	Ant2	8.9033424
NVNT	2.4G-20M-16QAM	2412.5	Ant1	17.87906941
NVNT	2.4G-20M-16QAM	2412.5	Ant2	17.86852293
NVNT	2.4G-20M-16QAM	2437.5	Ant1	17.83846675
NVNT	2.4G-20M-16QAM	2437.5	Ant2	17.87756047
NVNT	2.4G-20M-16QAM	2462.5	Ant1	17.91777536
NVNT	2.4G-20M-16QAM	2462.5	Ant2	17.83380177
NVNT	2.4G-20M-QPSK	2412.5	Ant1	17.88300095
NVNT	2.4G-20M-QPSK	2412.5	Ant2	17.8558247
NVNT	2.4G-20M-QPSK	2437.5	Ant1	17.91151322
NVNT	2.4G-20M-QPSK	2437.5	Ant2	17.8580389
NVNT	2.4G-20M-QPSK	2462.5	Ant1	17.88204542
NVNT	2.4G-20M-QPSK	2462.5	Ant2	17.89586557

Test Graphs

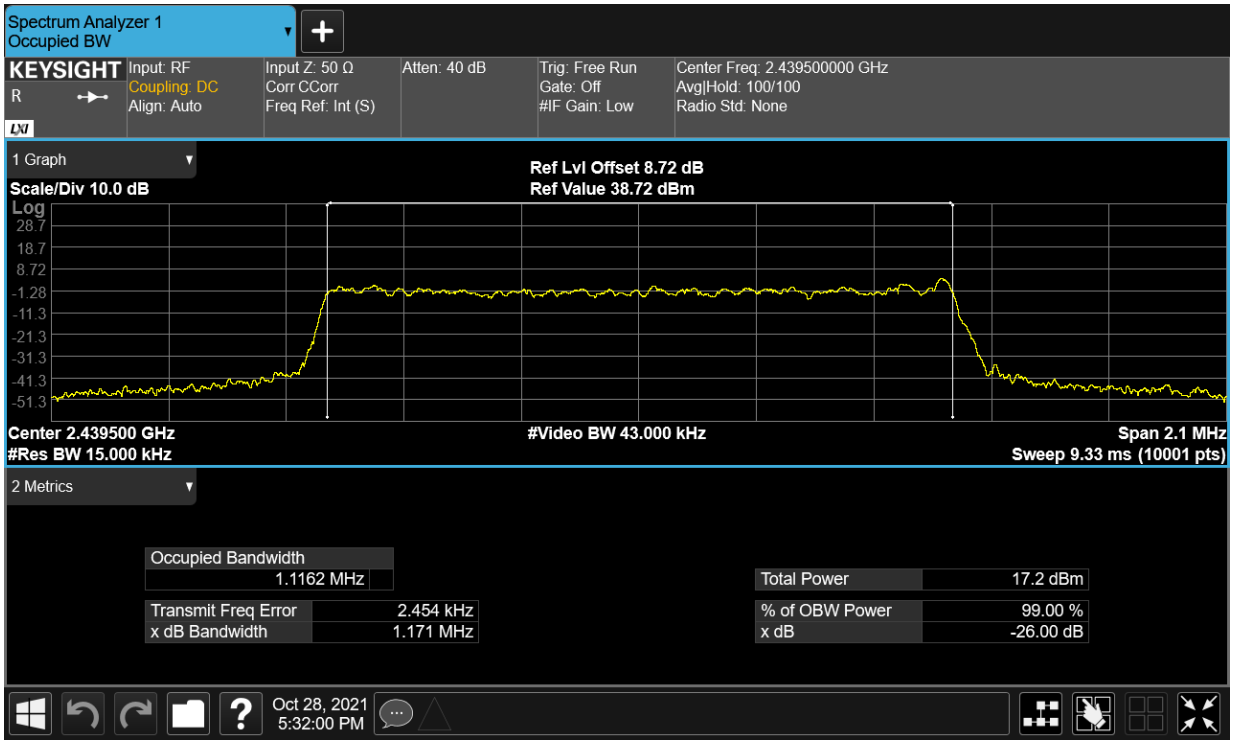
OBW NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant1



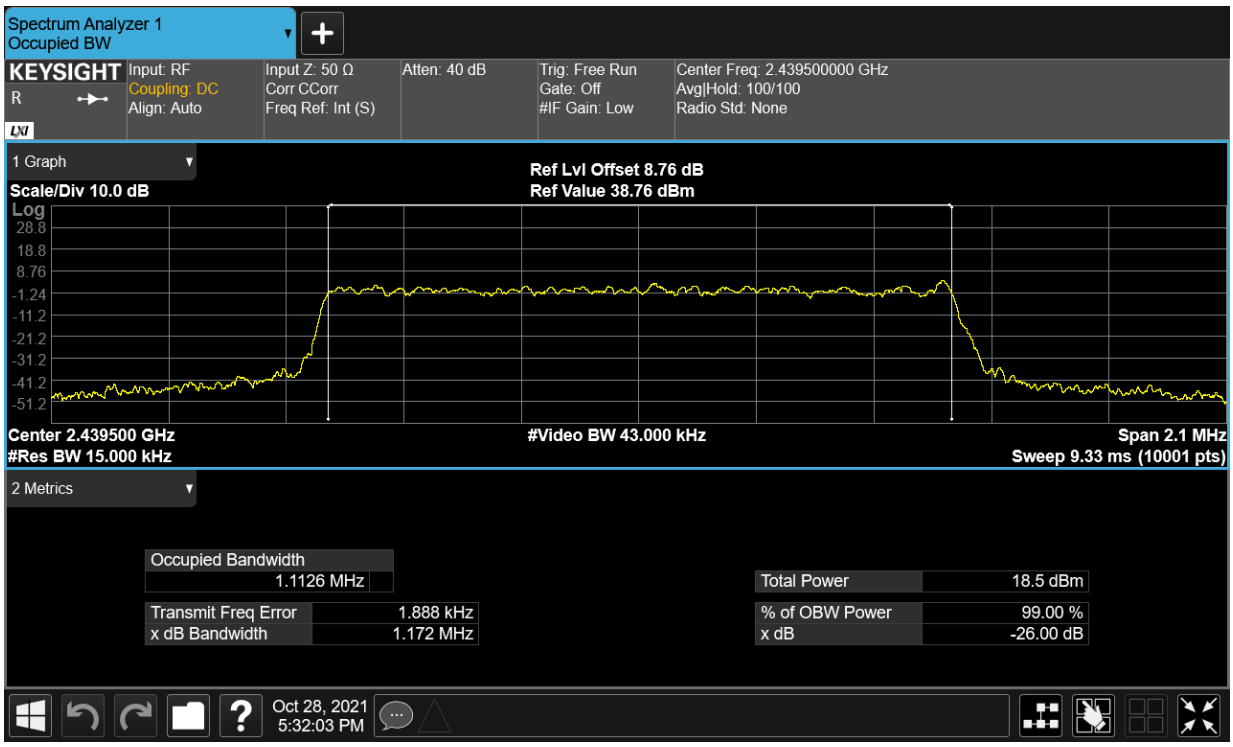
OBW NVNT 2.4G-1.4M-16QAM 2403.5MHz Ant2



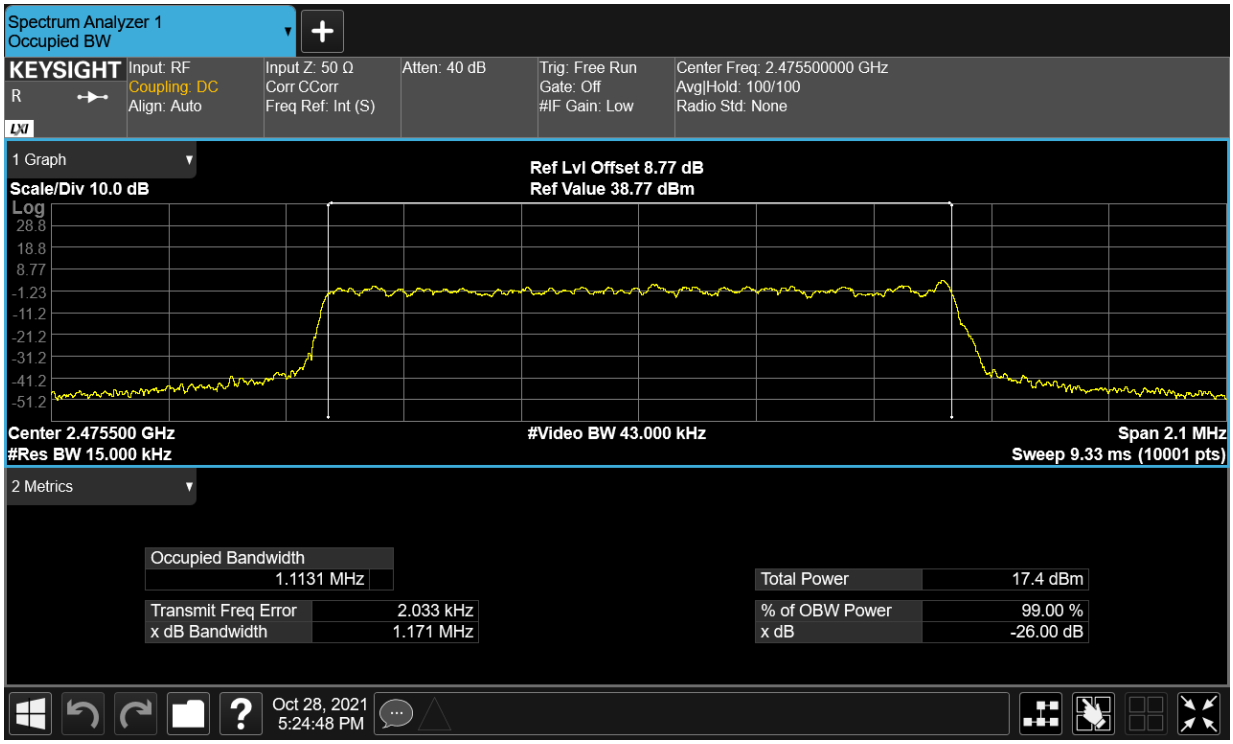
OBW NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant1



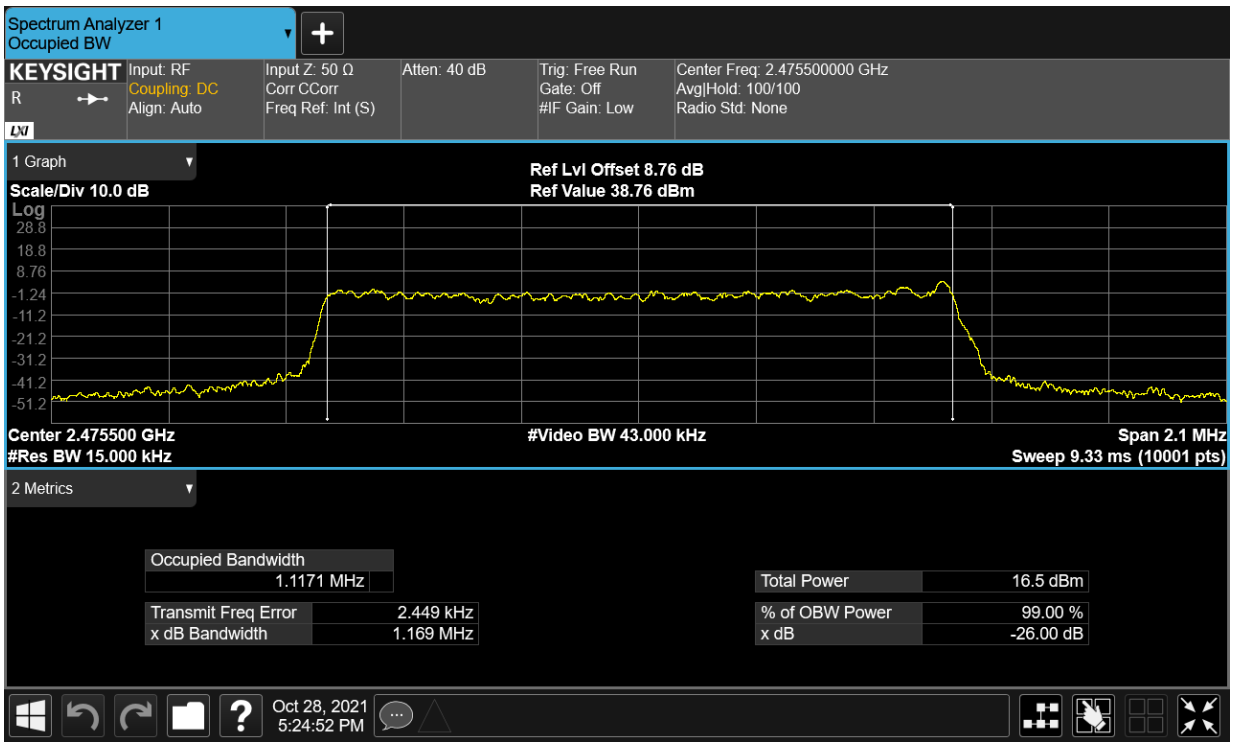
OBW NVNT 2.4G-1.4M-16QAM 2439.5MHz Ant2



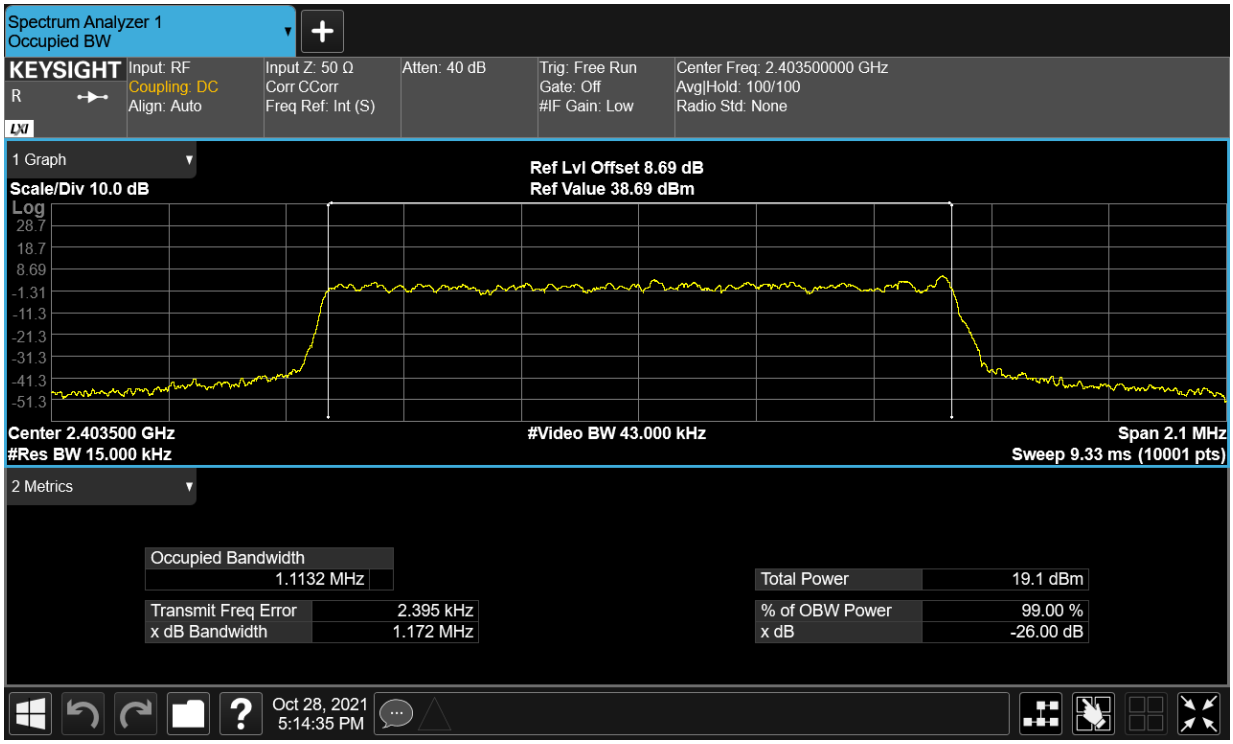
OBW NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant1



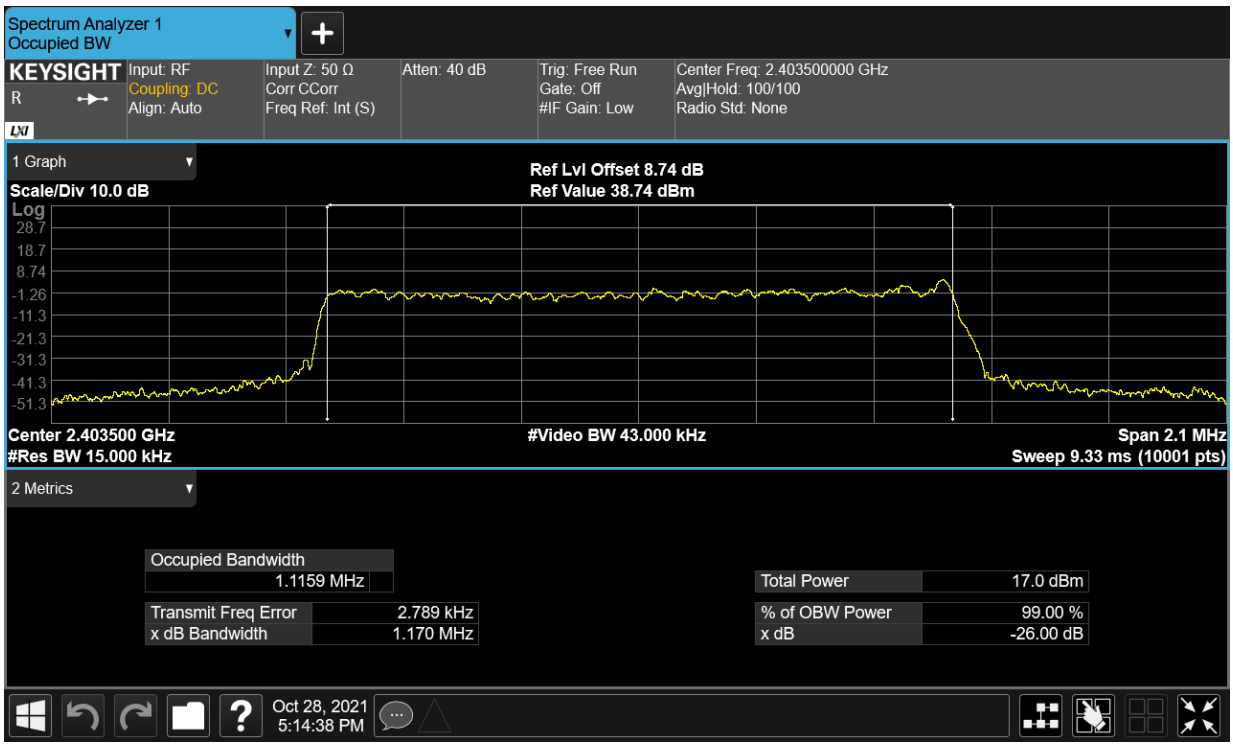
OBW NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant2



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