

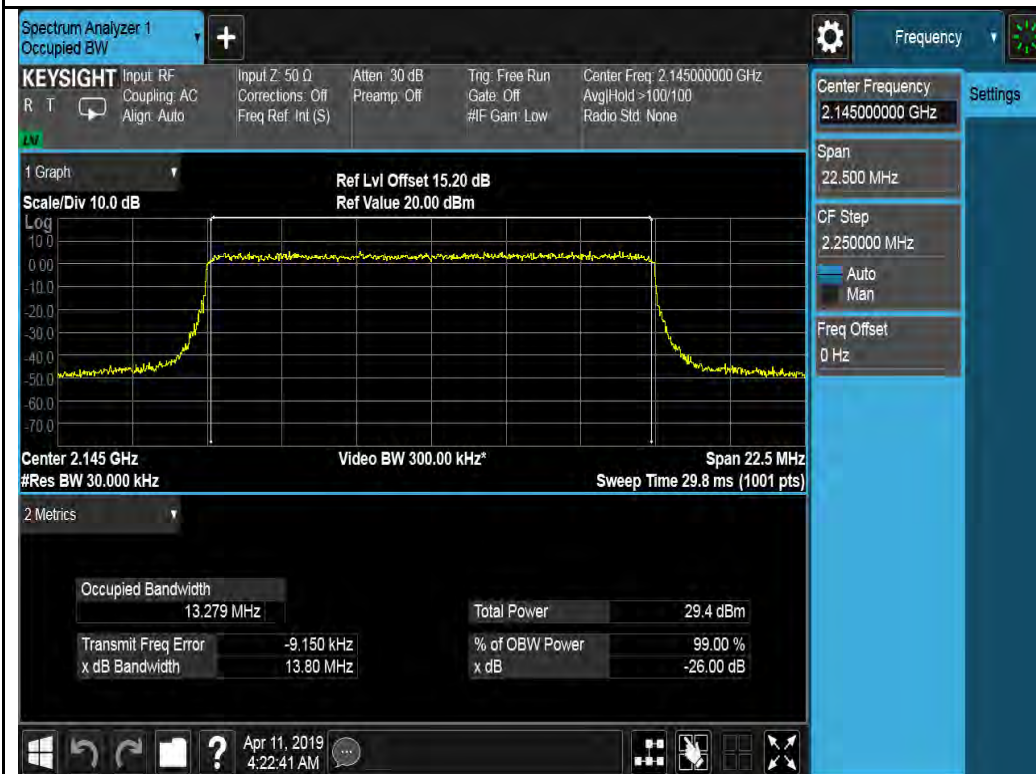
10M 64QAM Mid



10M 64QAM High



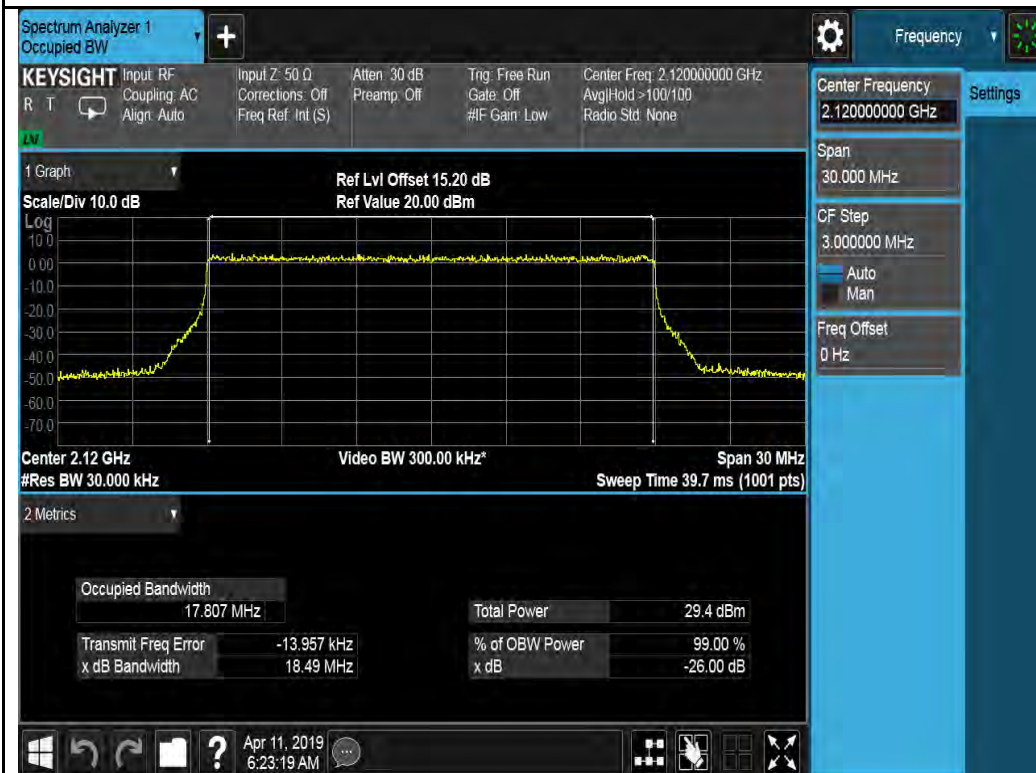
15M 64QAM Low



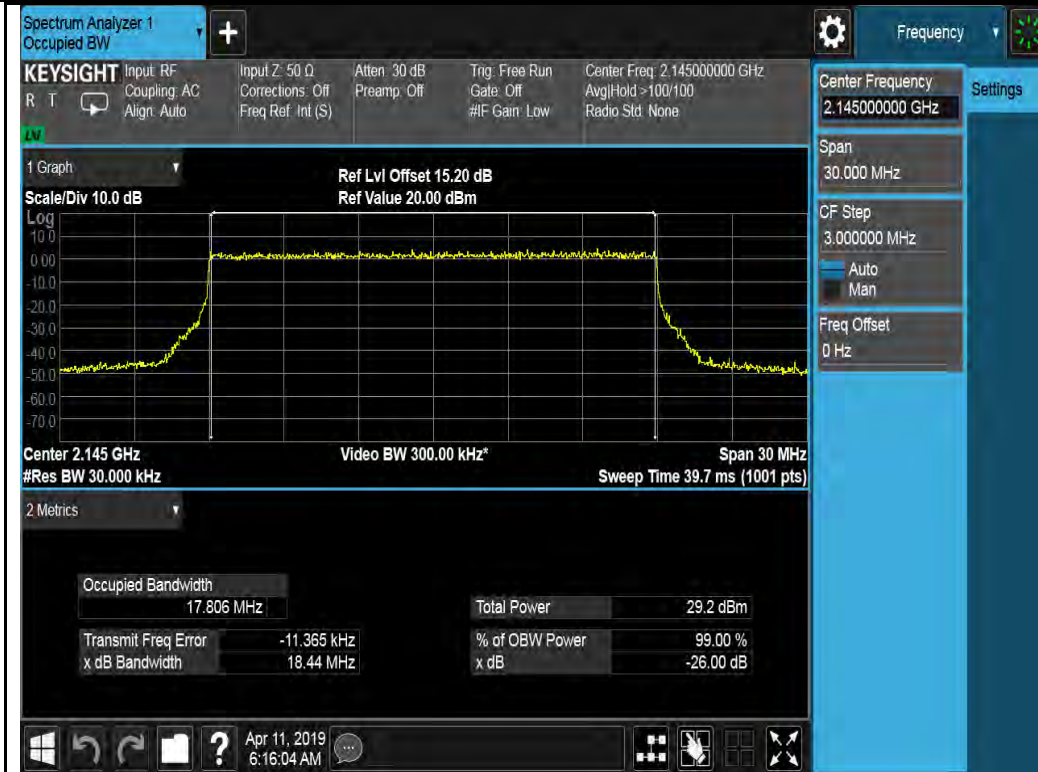
15M 64QAM Mid



15M 64QAM High



20M 64QAM Low

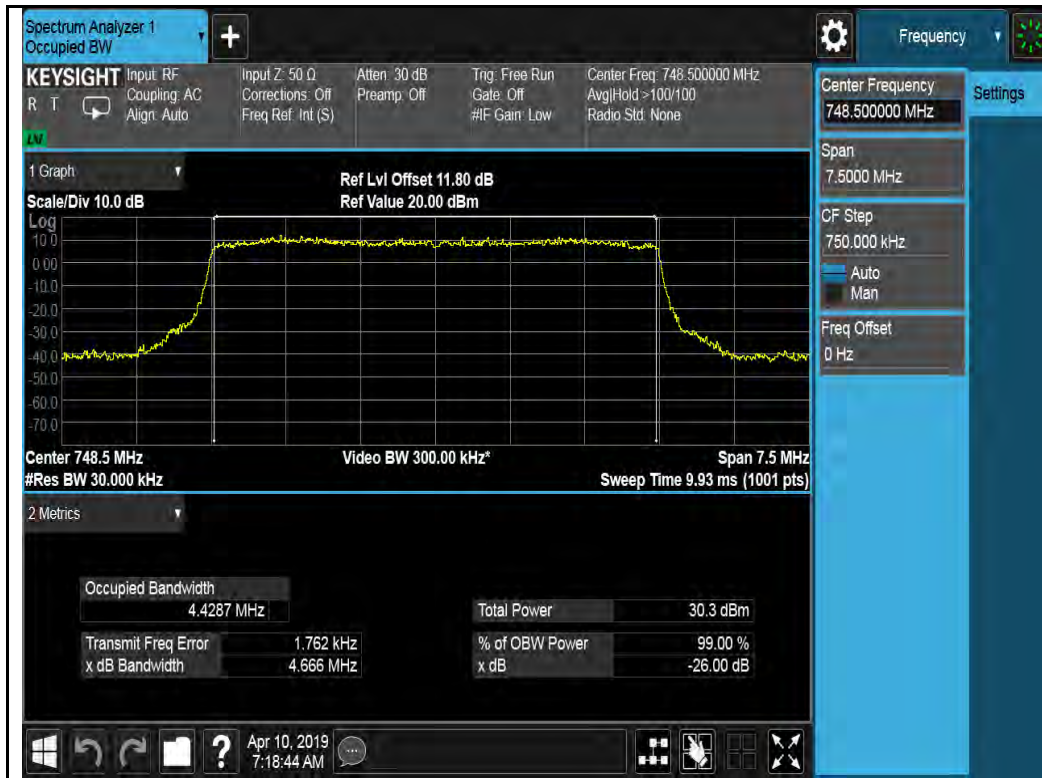


20M 64QAM Mid



20M 64QAM High

Test Plots for Band 13:



5M QPSK Low



5M QPSK High



10M QPSK Mid



5M 64QAM Low



5M 64QAM High

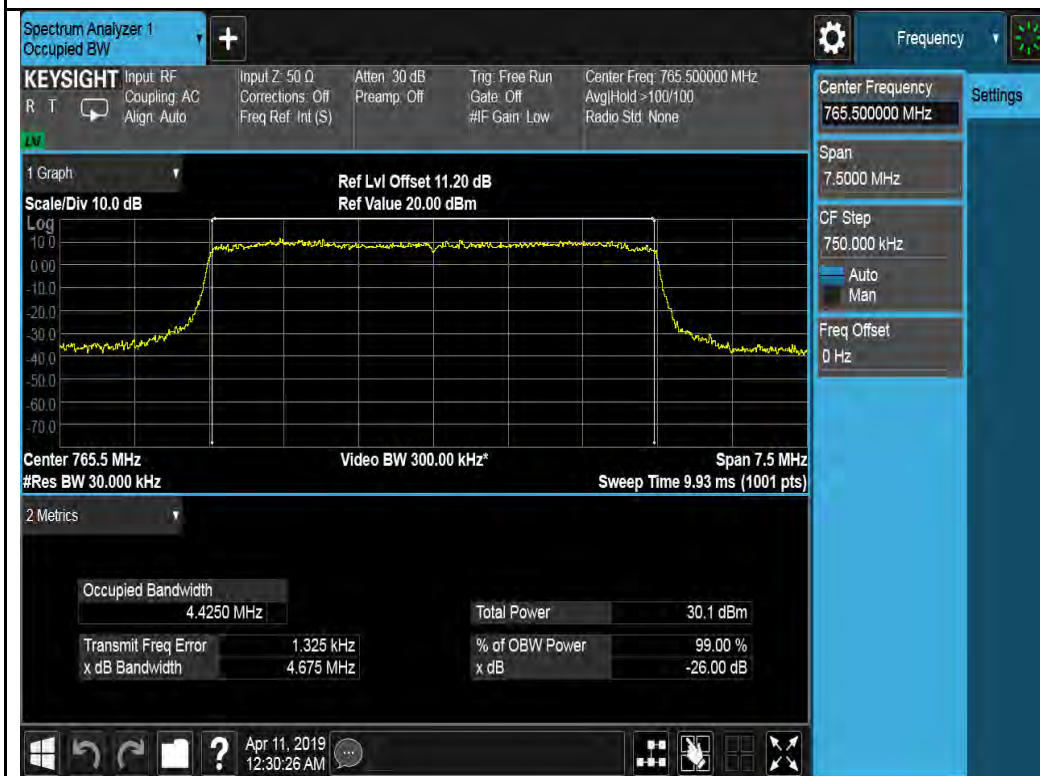


10M 64QAM Mid

Test Plots for Band 14:

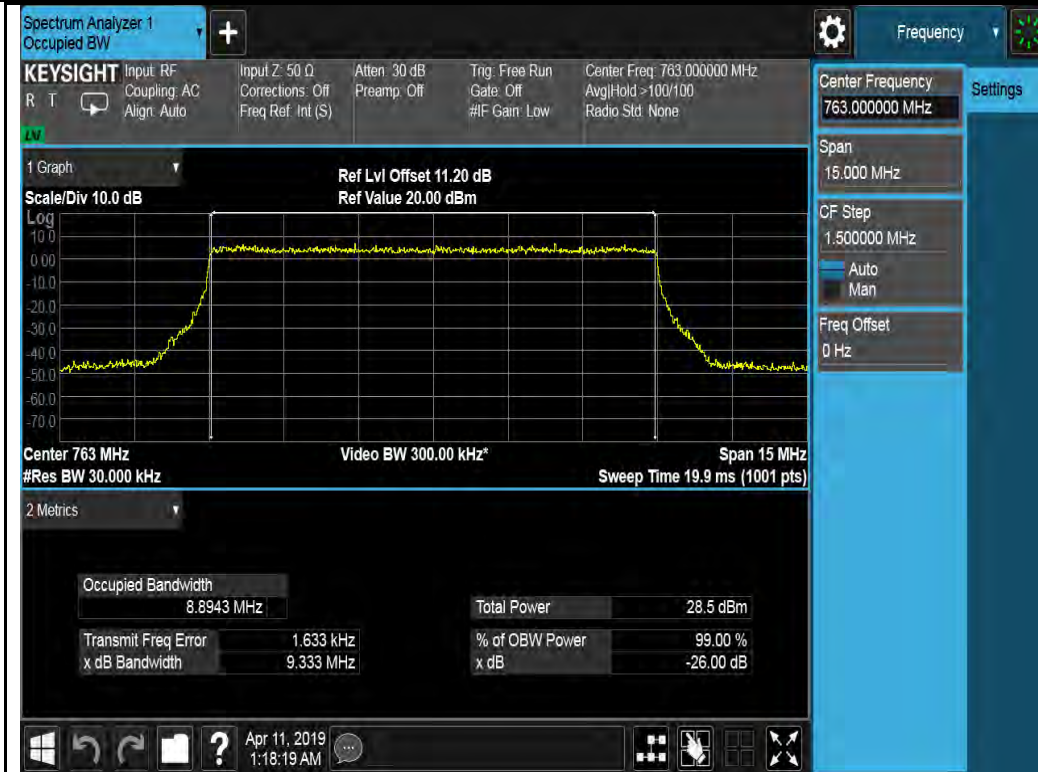


5M QPSK Low



5M QPSK High

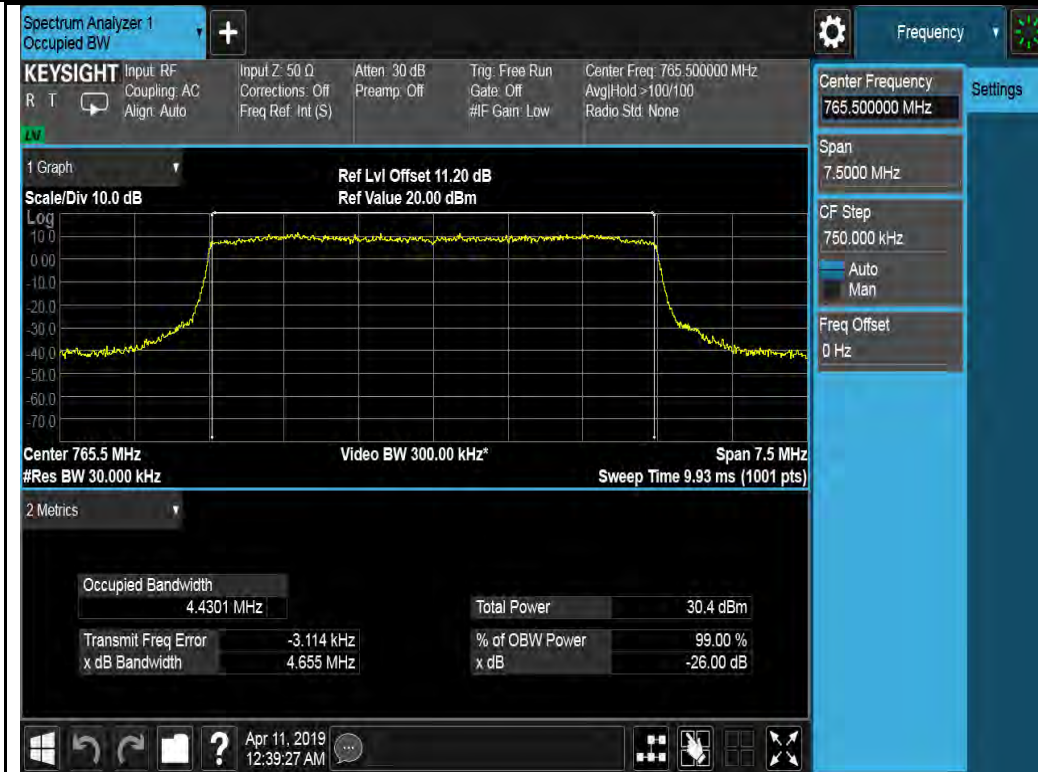




10M QPSK Mid



5M 64QAM Low



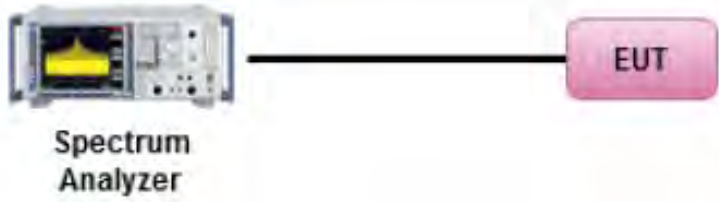
5M 64QAM High



10M 64QAM Mid

## 10.4 Band Edge

Requirement(s):

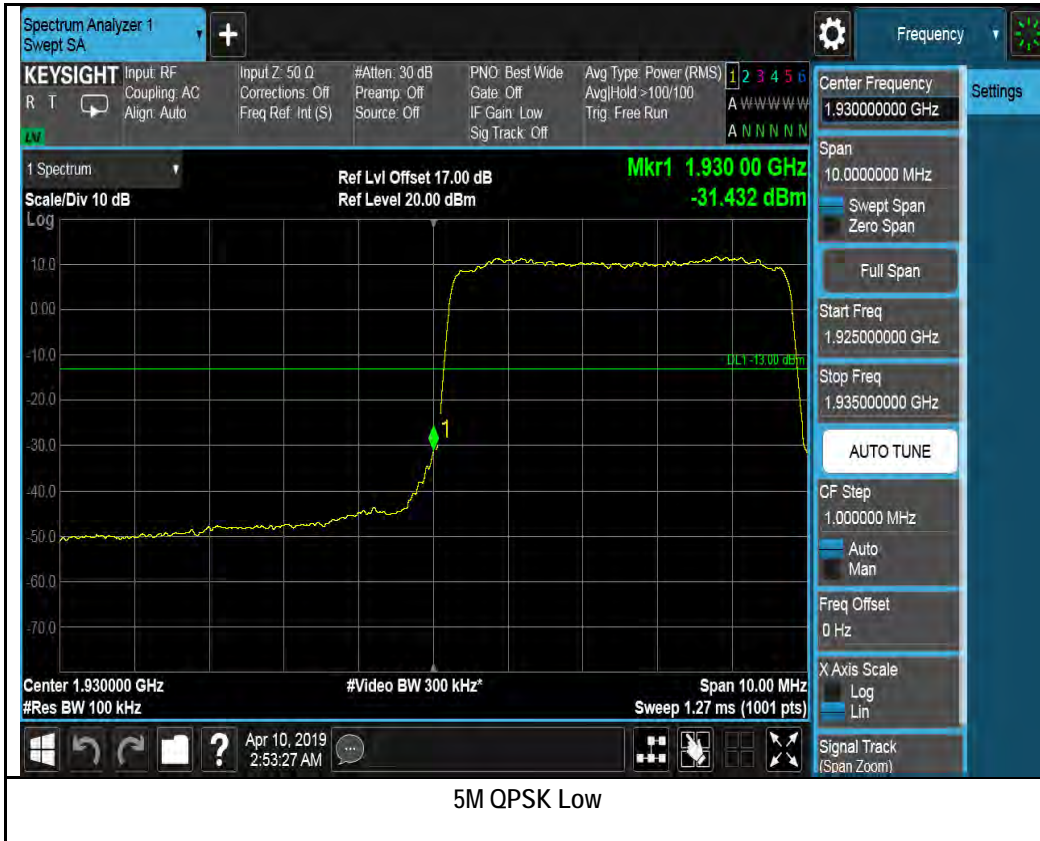
Spec	Item	Requirement	Applicable
47CFR24.238	-	Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.	<input checked="" type="checkbox"/>
47CFR27.53	-	Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.	<input checked="" type="checkbox"/>
47CFR90.543	-	Out-of-band emission limit. On any frequency outside of the frequency ranges covered by the ACP tables in this section, the power of any emission must be reduced below the mean output power (P) by at least $43 + 10 \log(P)$ dB measured in a 100 kHz bandwidth for frequencies less than 1 GHz, and in a 1 MHz bandwidth for frequencies greater than 1 GHz.	<input checked="" type="checkbox"/>
Test Setup	 <p>The diagram illustrates the test setup. On the left is a Spectrum Analyzer with a yellow signal trace on its screen. A black line connects the Spectrum Analyzer to a pink rounded rectangle labeled 'EUT' (Equipment Under Test) on the right.</p>		
Test Procedure	<ol style="list-style-type: none"> <li>1. EUT was set for low, mid, high channel with modulated mode and highest RF output power.</li> <li>2. The spectrum analyzer was connected to the antenna terminal.</li> <li>3. A RBW of 1% greater than the 26 dB emission bandwidth should be used for band edge measurement or if narrower RBW is used, a correct factor calculated with formula <math>10 \cdot \log(EBW/BW_{meas})</math> will be added to the result.</li> </ol>		
Test Date	04/01/2019 – 04/16/2019	Environmental condition	Temperature 22°C Relative Humidity 48% Atmospheric Pressure 1008mbar
Remark	N/A		
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail		

Test Data  Yes  N/A

Test Plot  Yes (See below)  N/A

Test was done by Gary Chou at RF Test Site.

Test Plots for Band 25:  
Chain 0:



### 5M QPSK High



### 10M QPSK Low



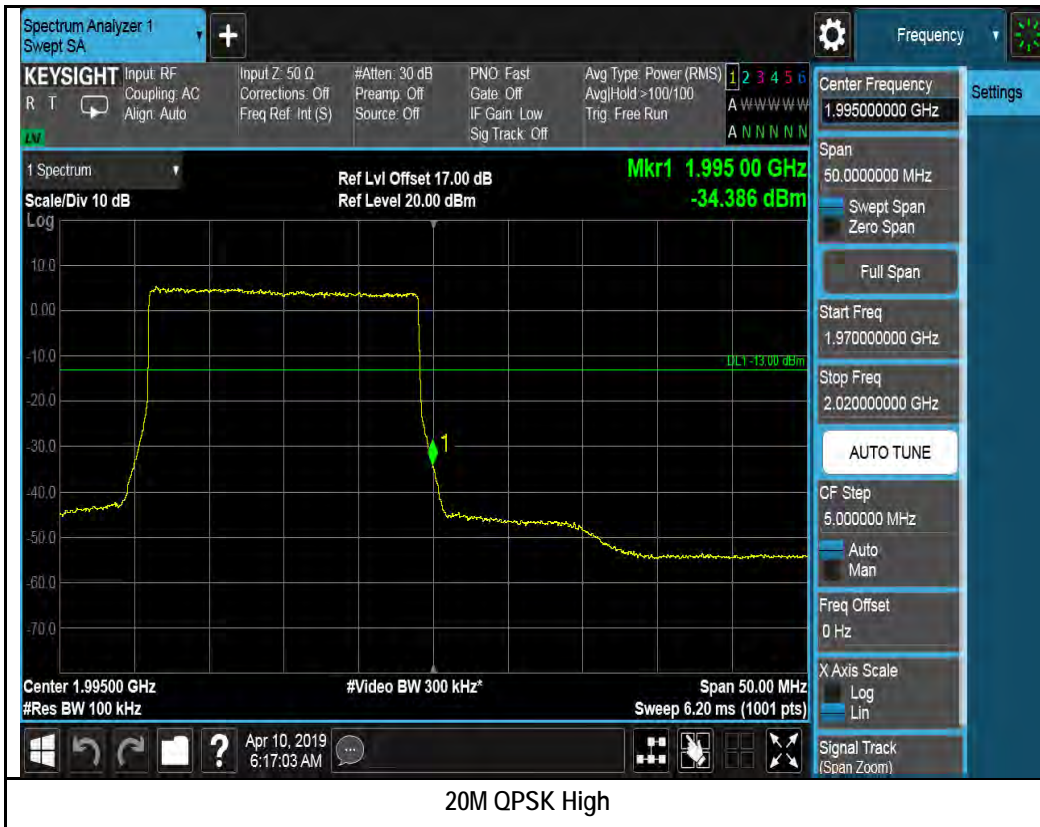
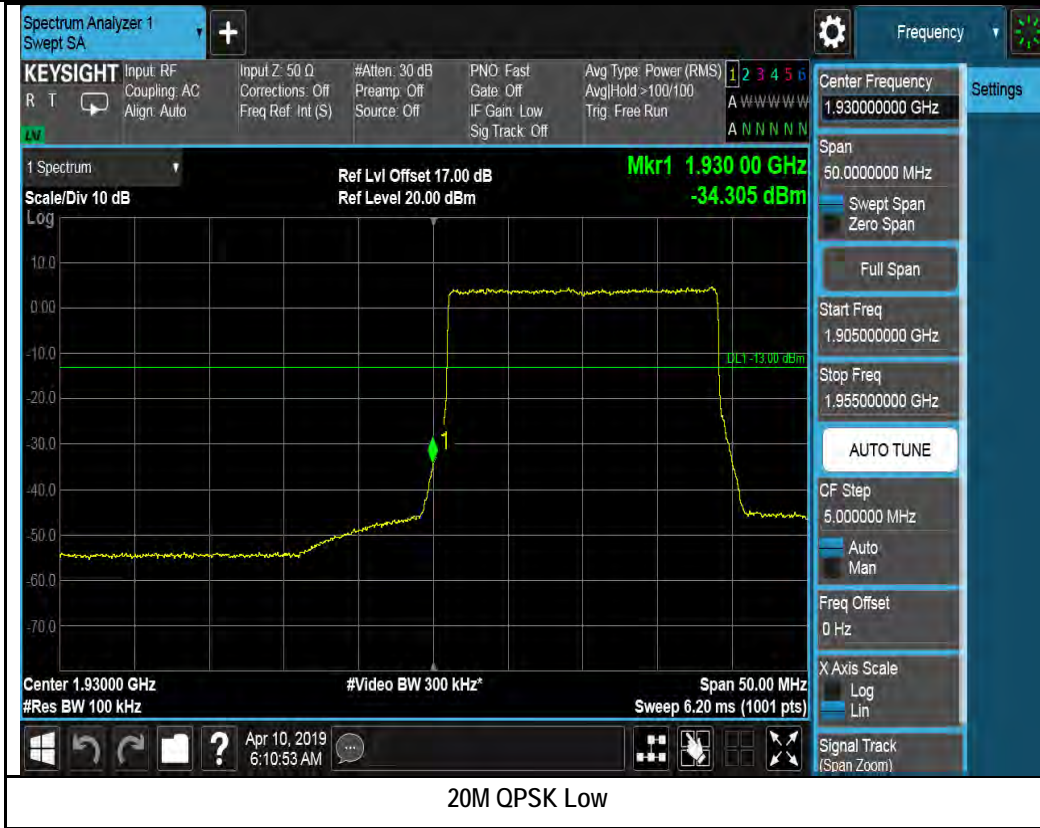
### 10M QPSK High

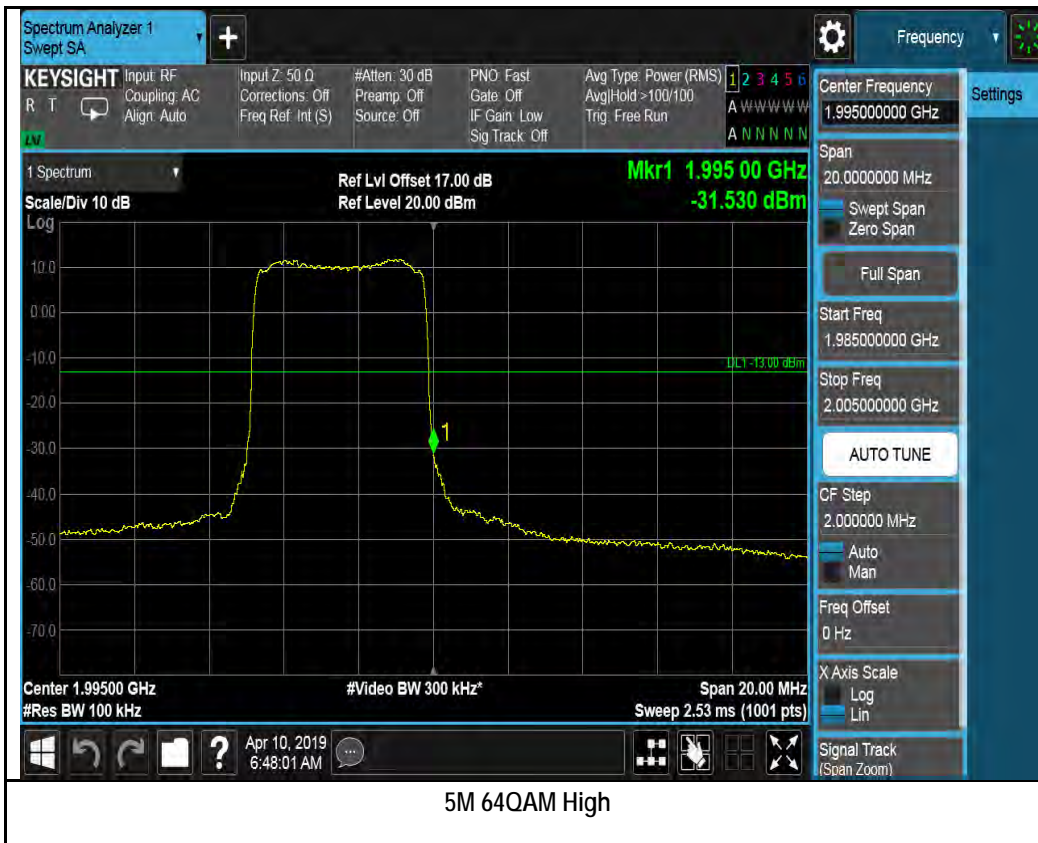
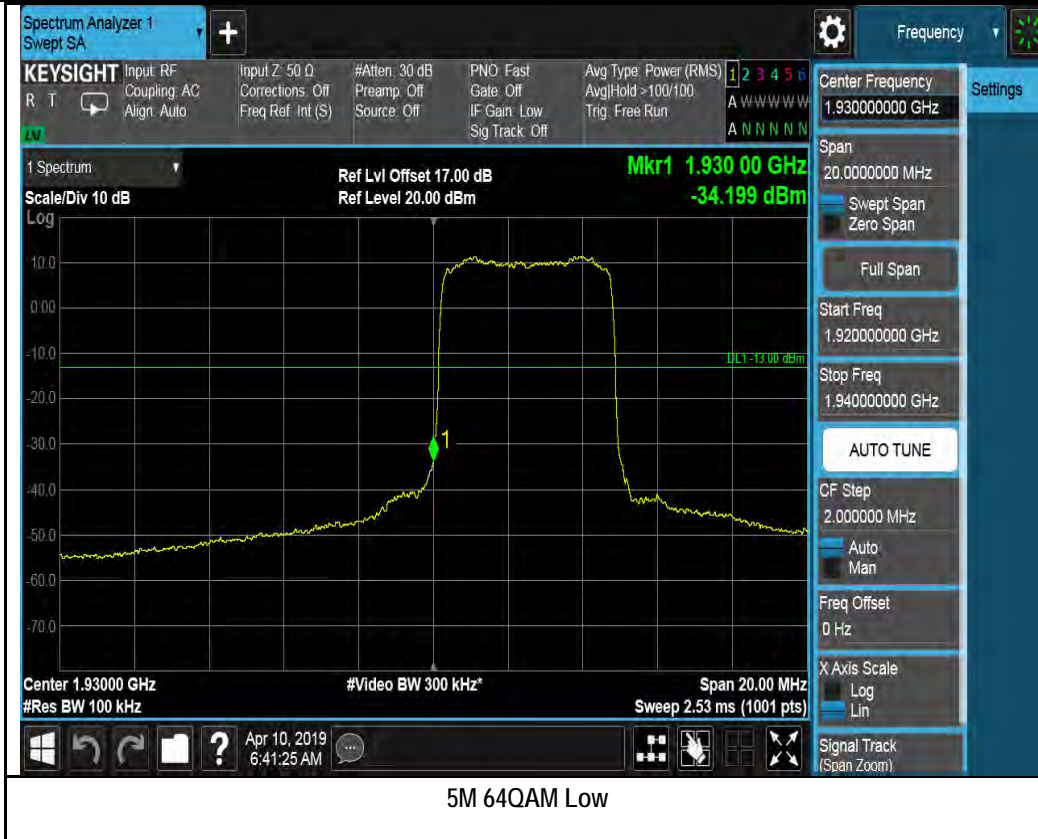


15M QPSK Low

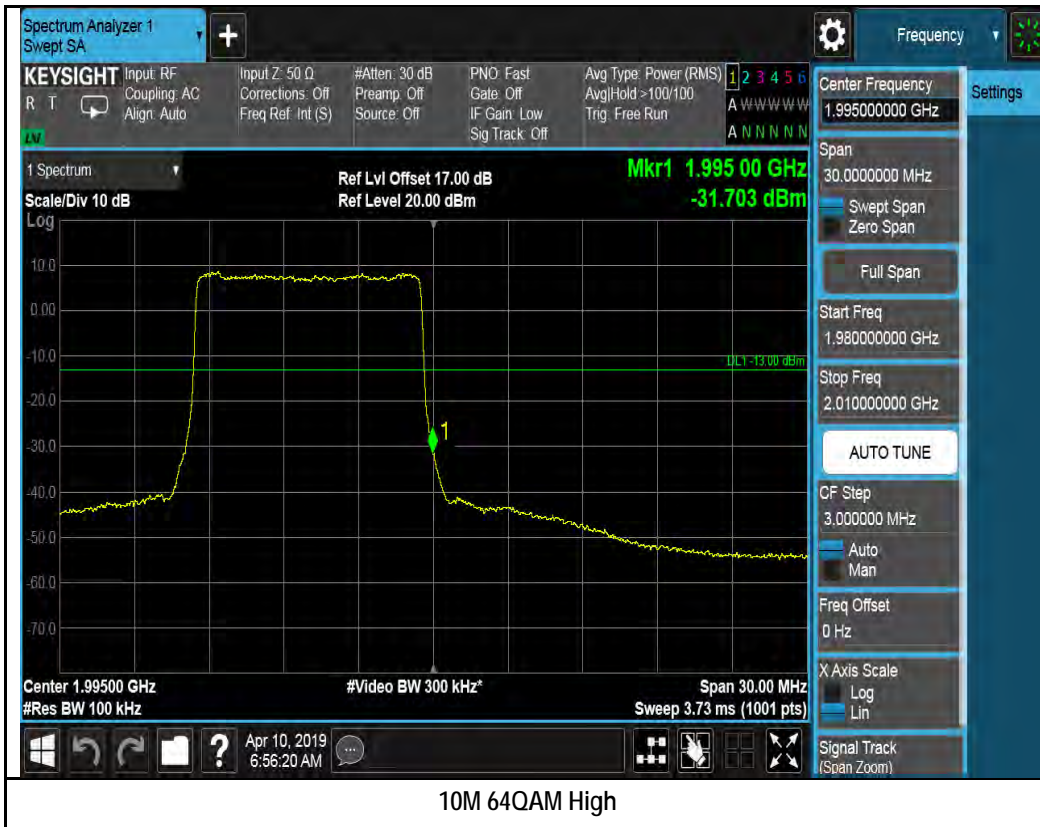
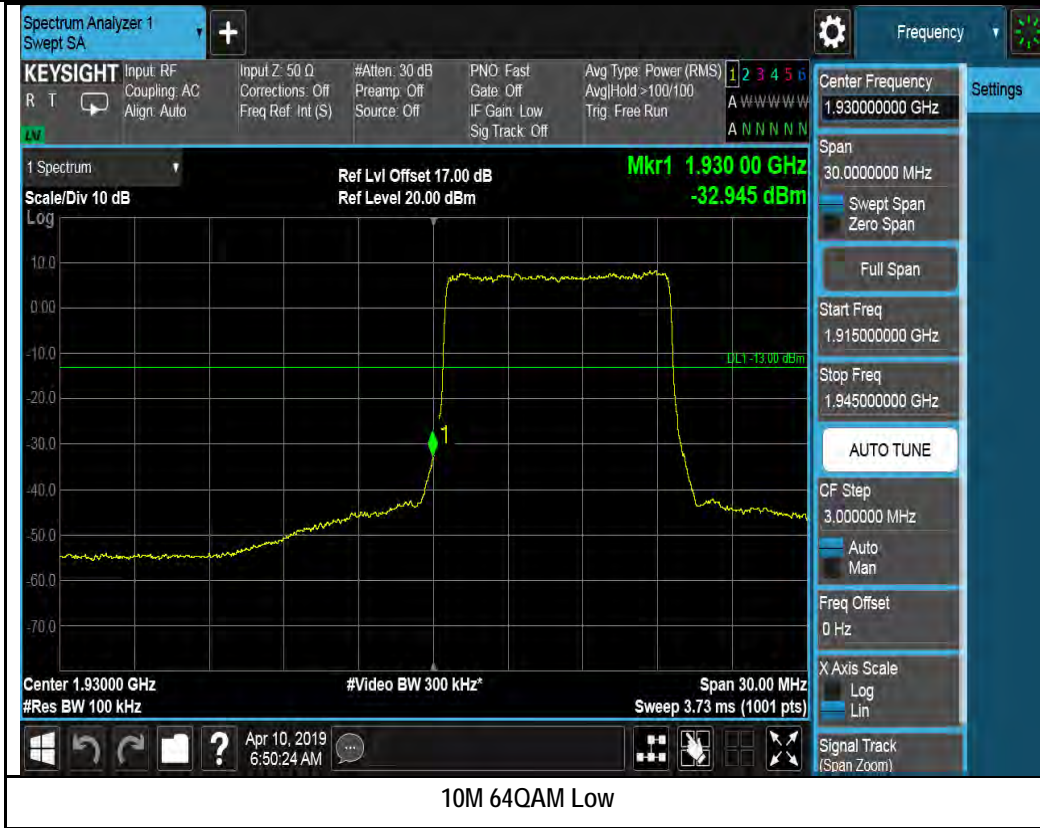


15M QPSK High

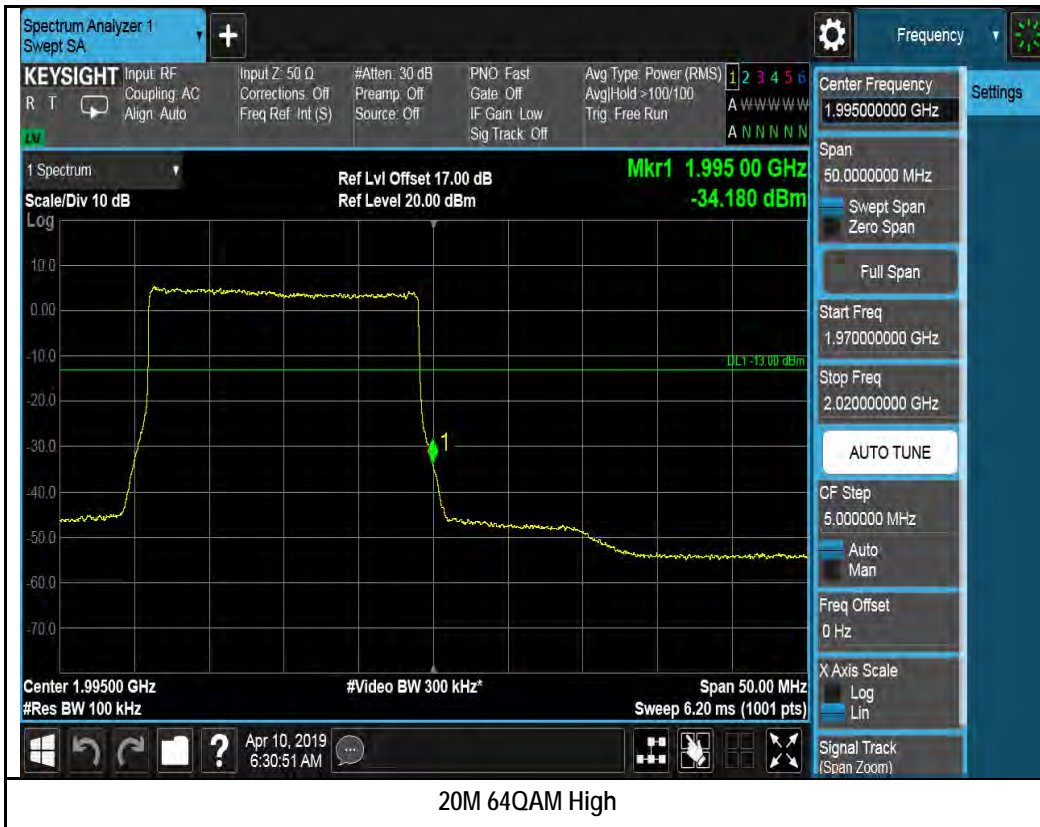
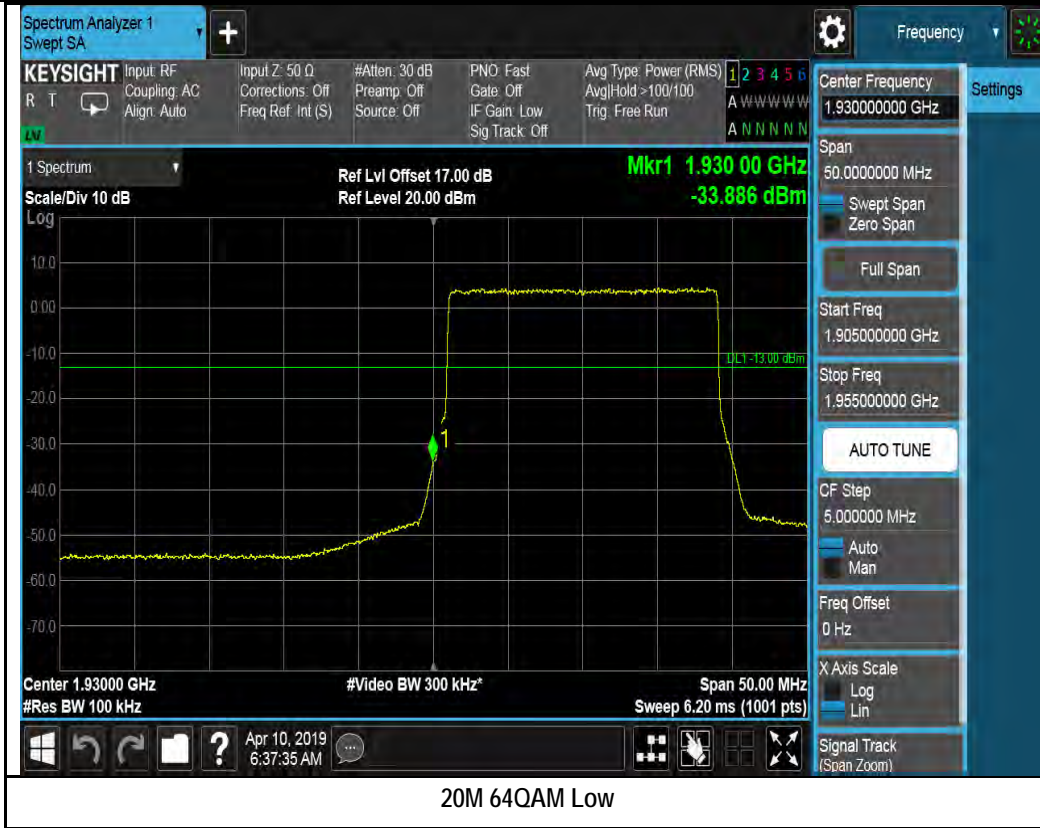












Chain 1:

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

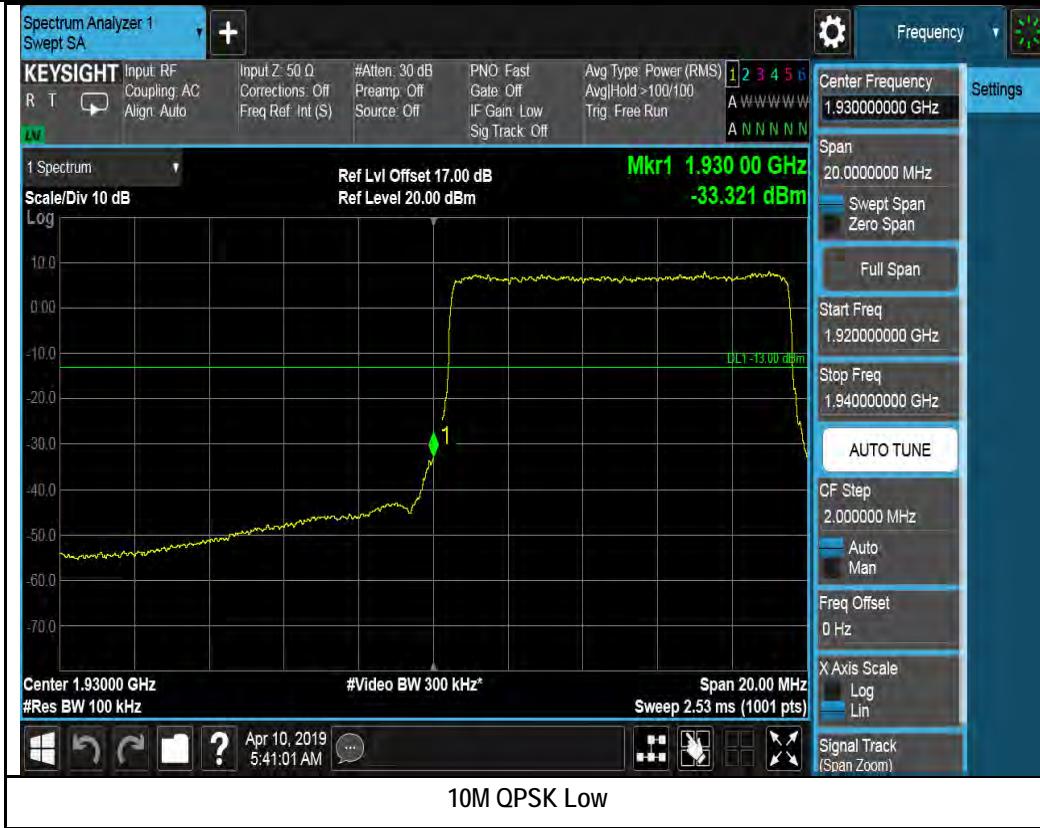
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5M QPSK Low



5M QPSK High



10M QPSK High



15M QPSK Low



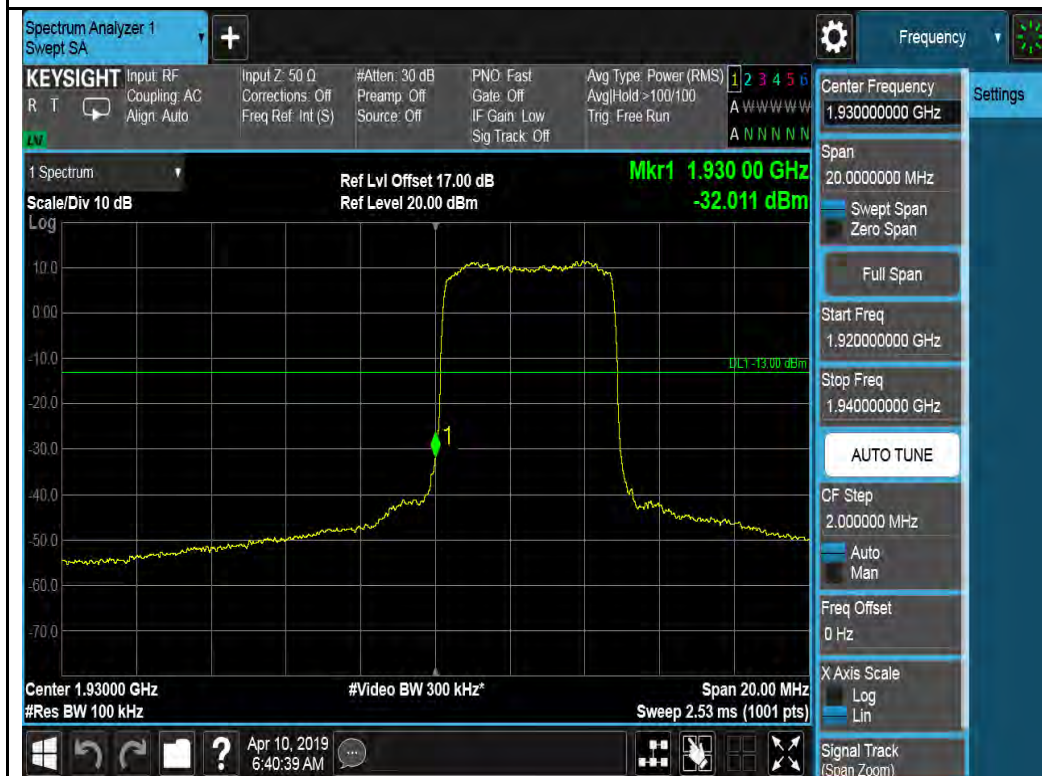
15M QPSK High



20M QPSK Low



20M QPSK High



5M 64QAM Low

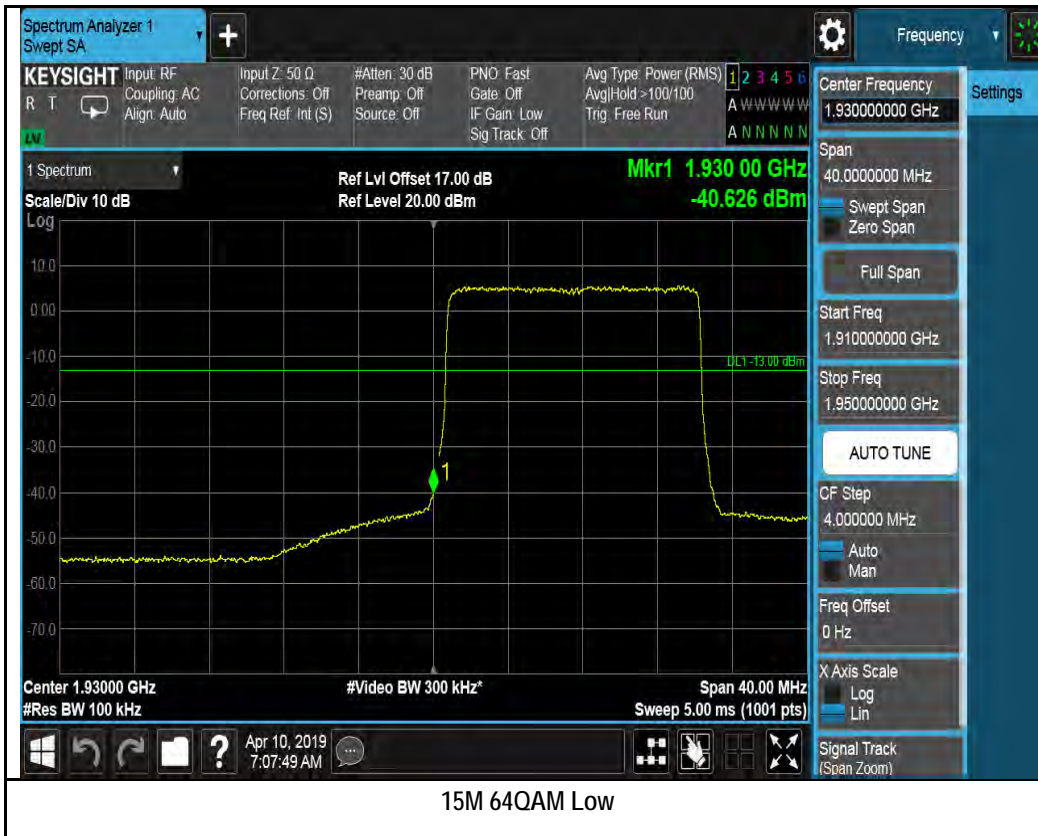
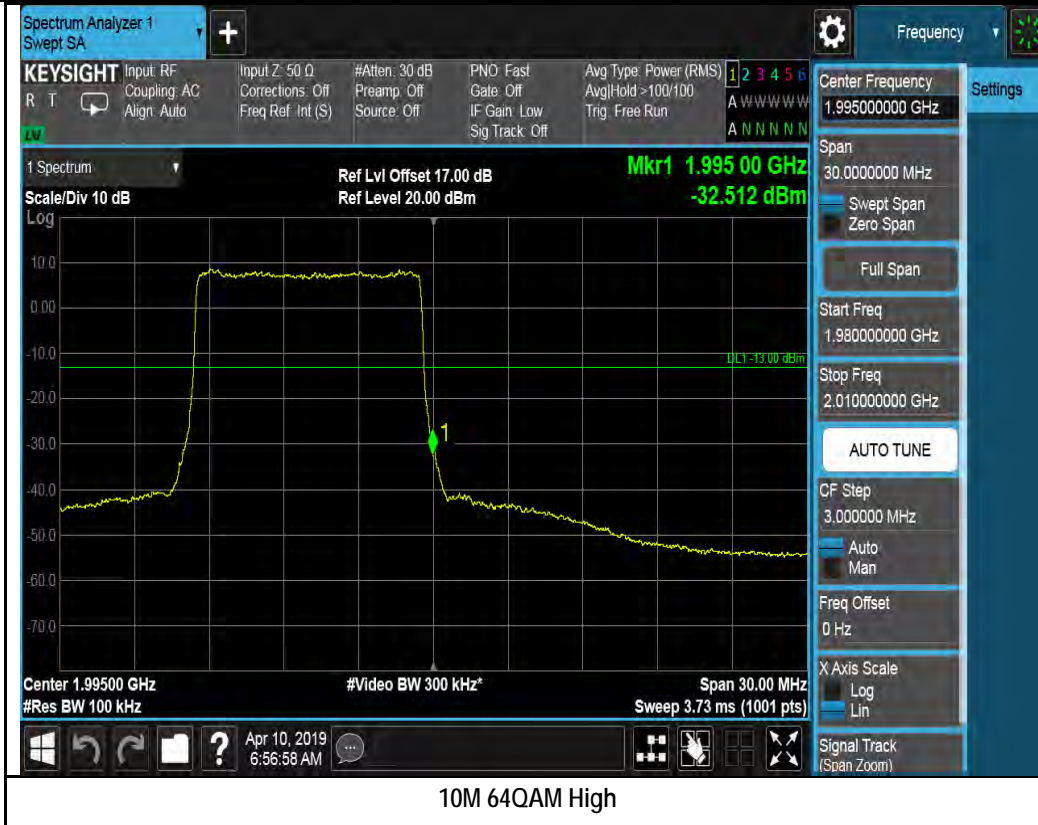


5M 64QAM High



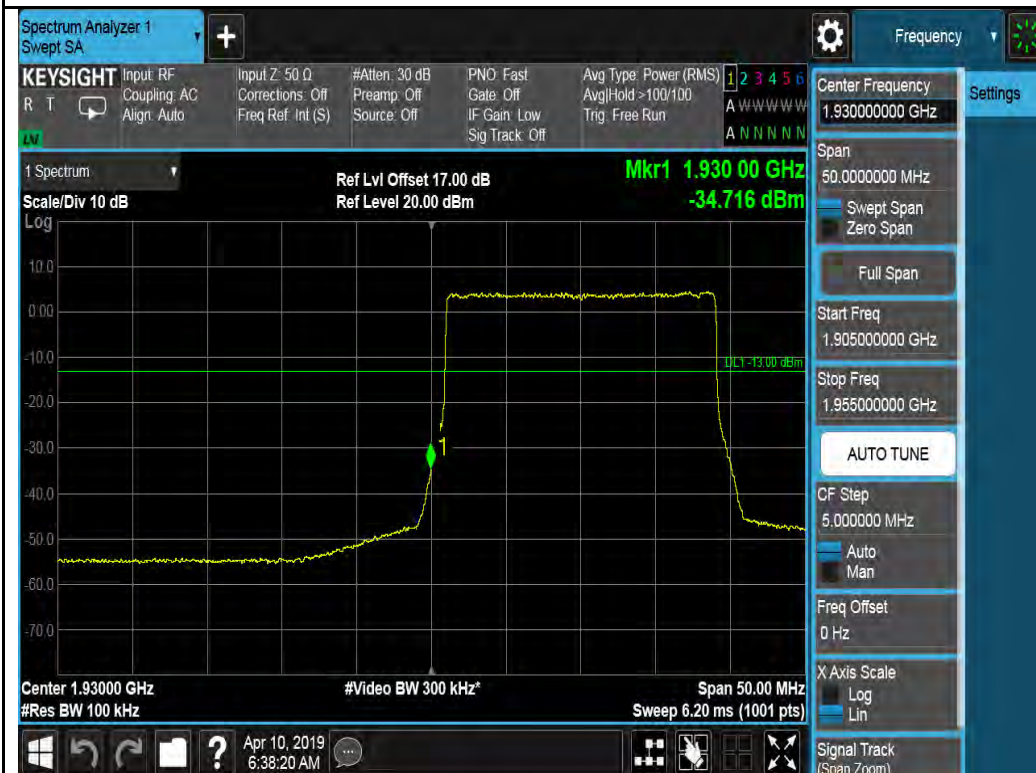
10M 64QAM Low



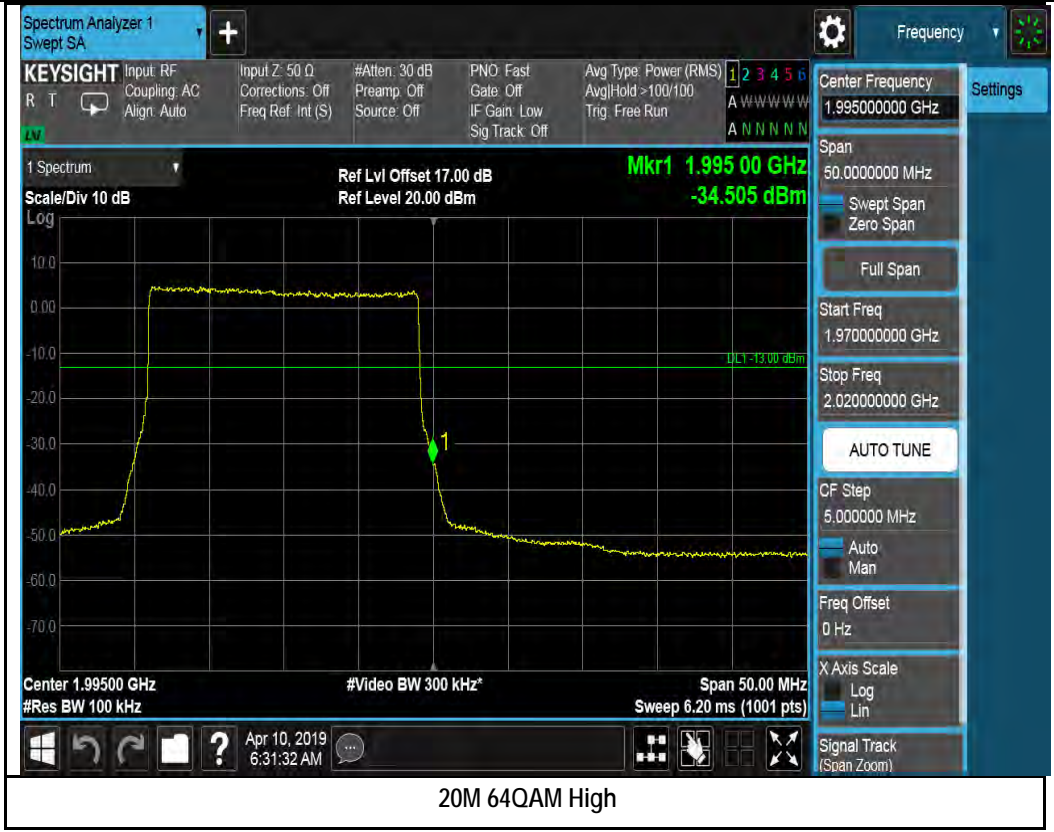




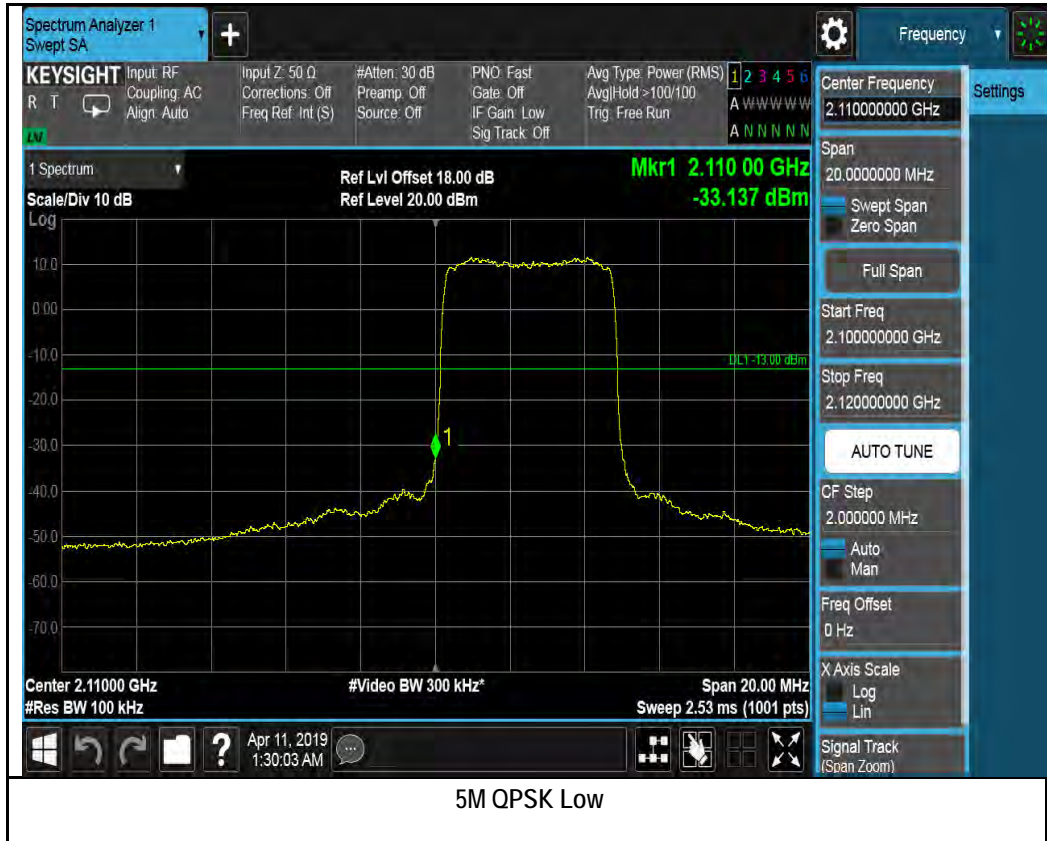
15M 64QAM High



20M 64QAM Low



Test Plots for Band 66:  
Chain 0:



### 5M QPSK High



### 10M QPSK Low



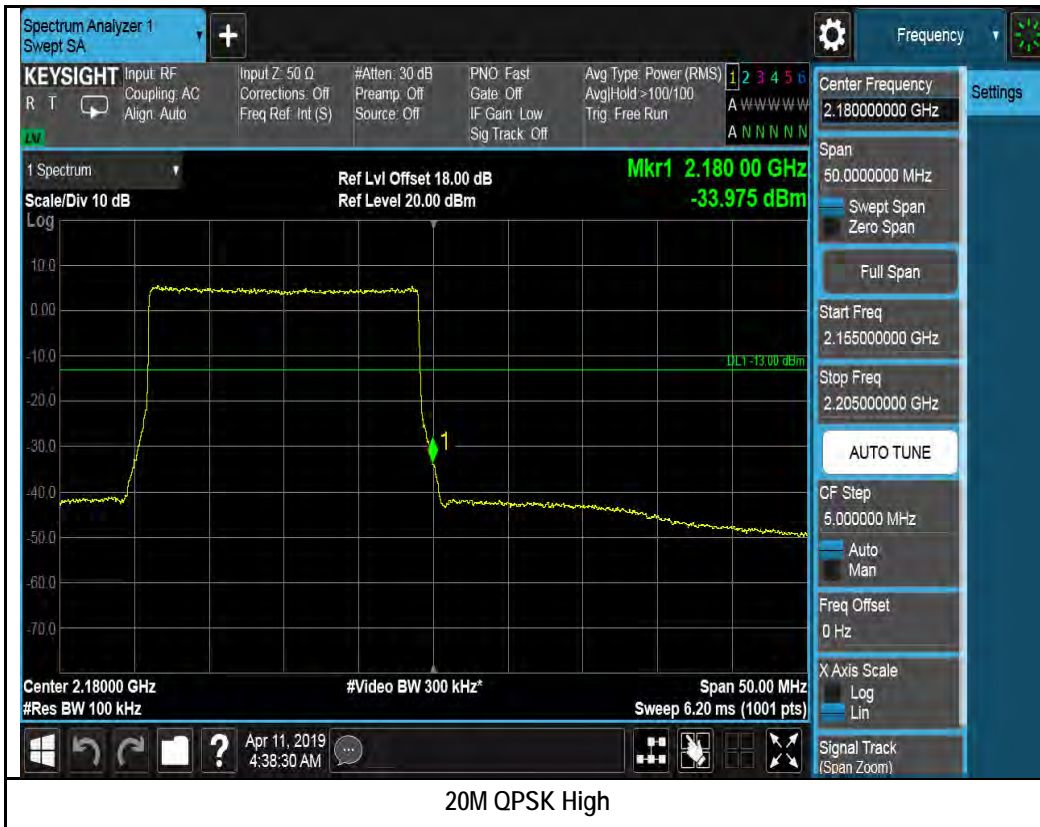
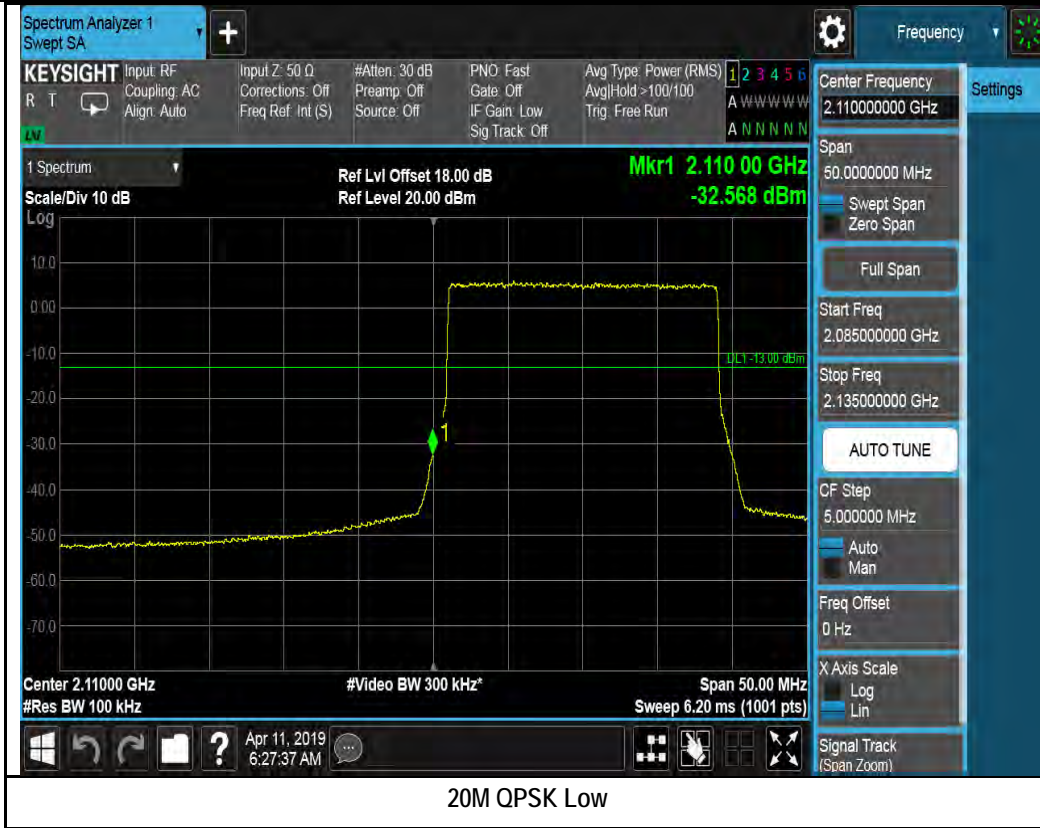
### 10M QPSK High

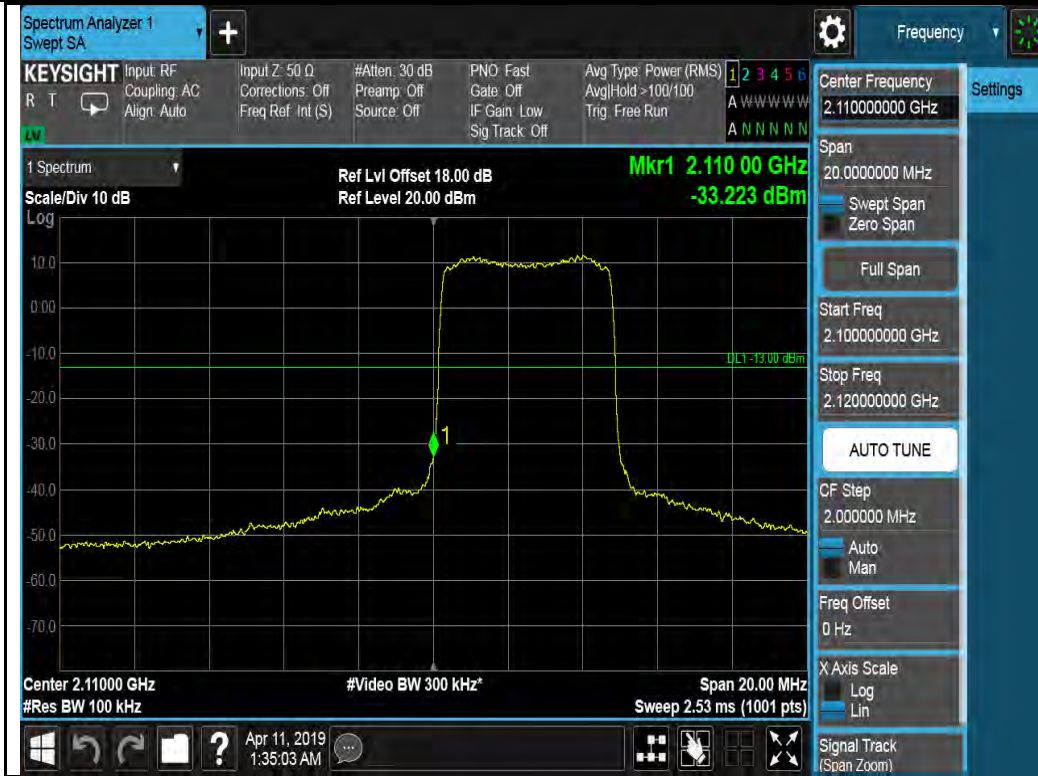


15M QPSK Low

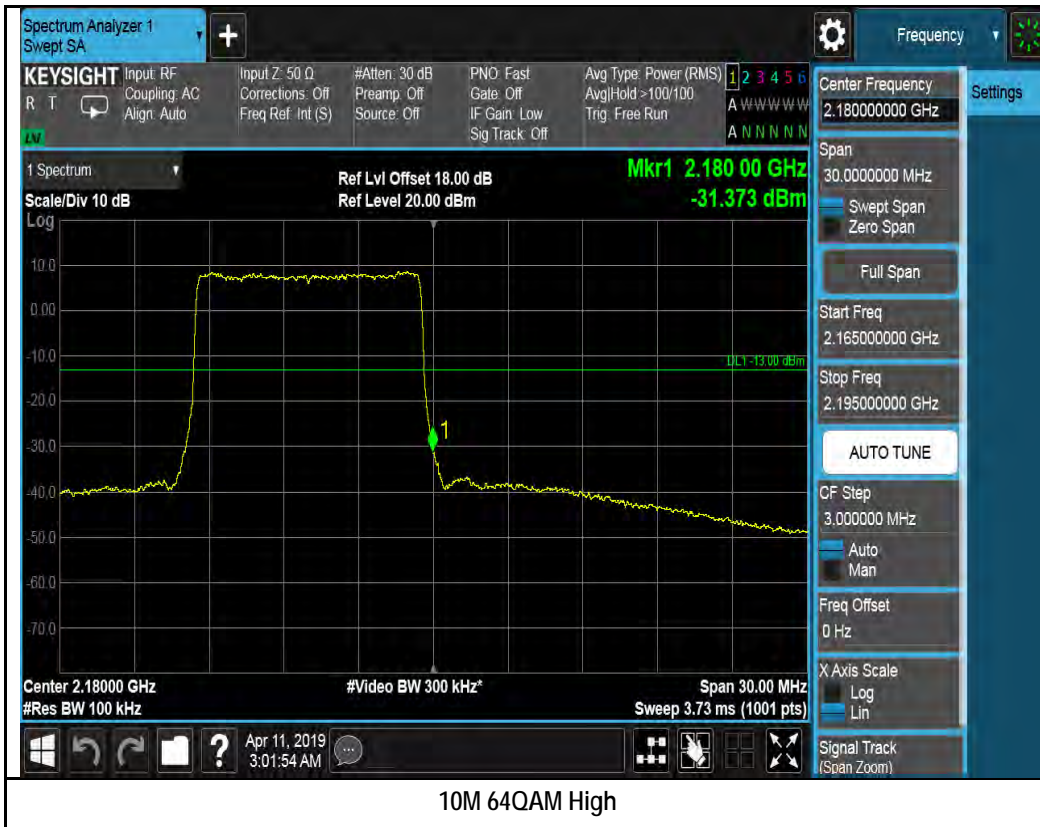
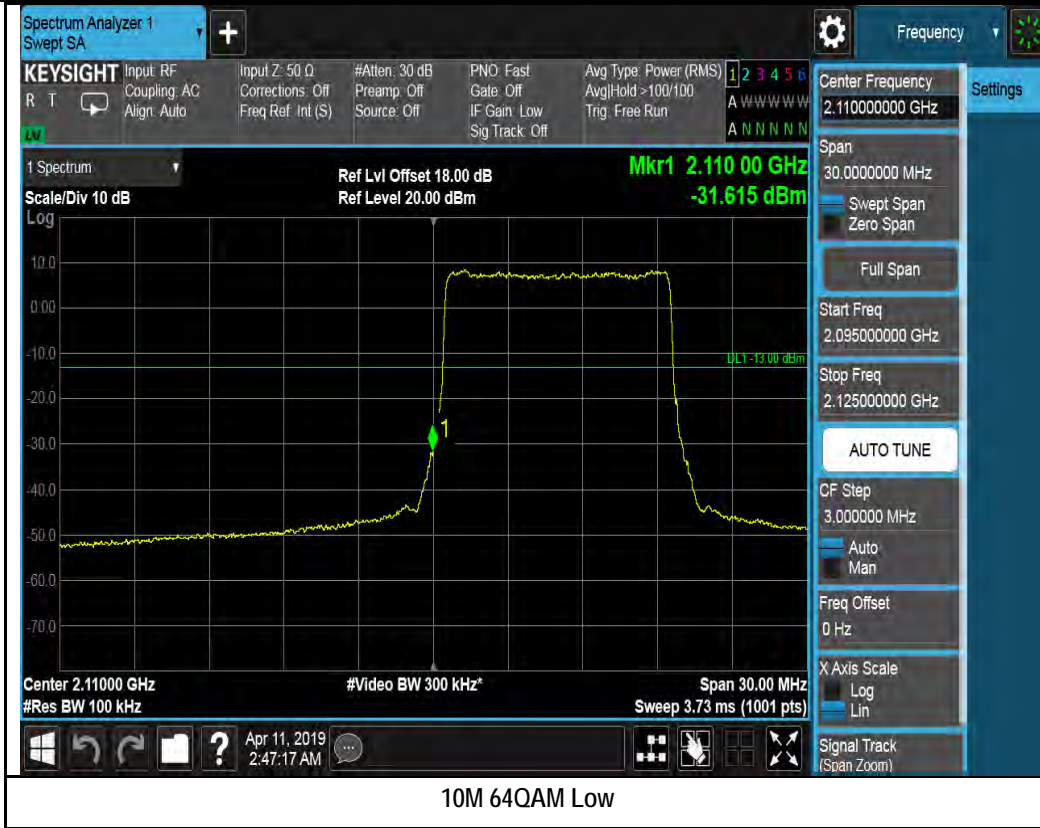


15M QPSK High

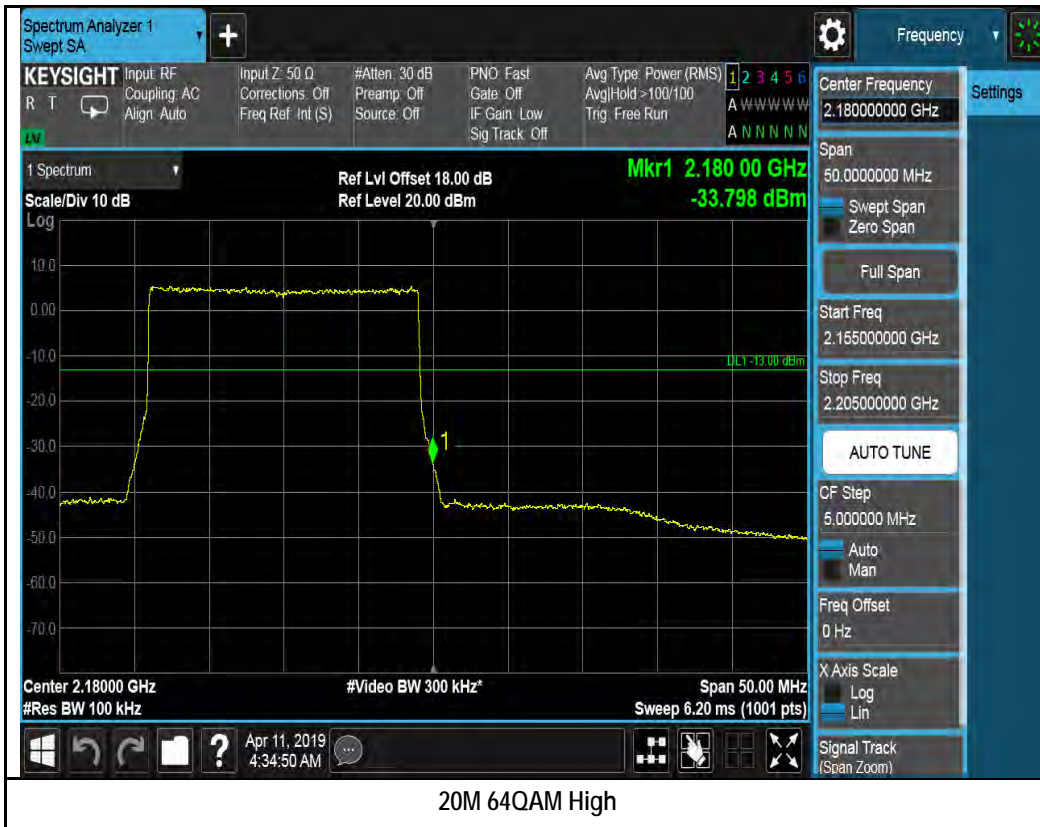
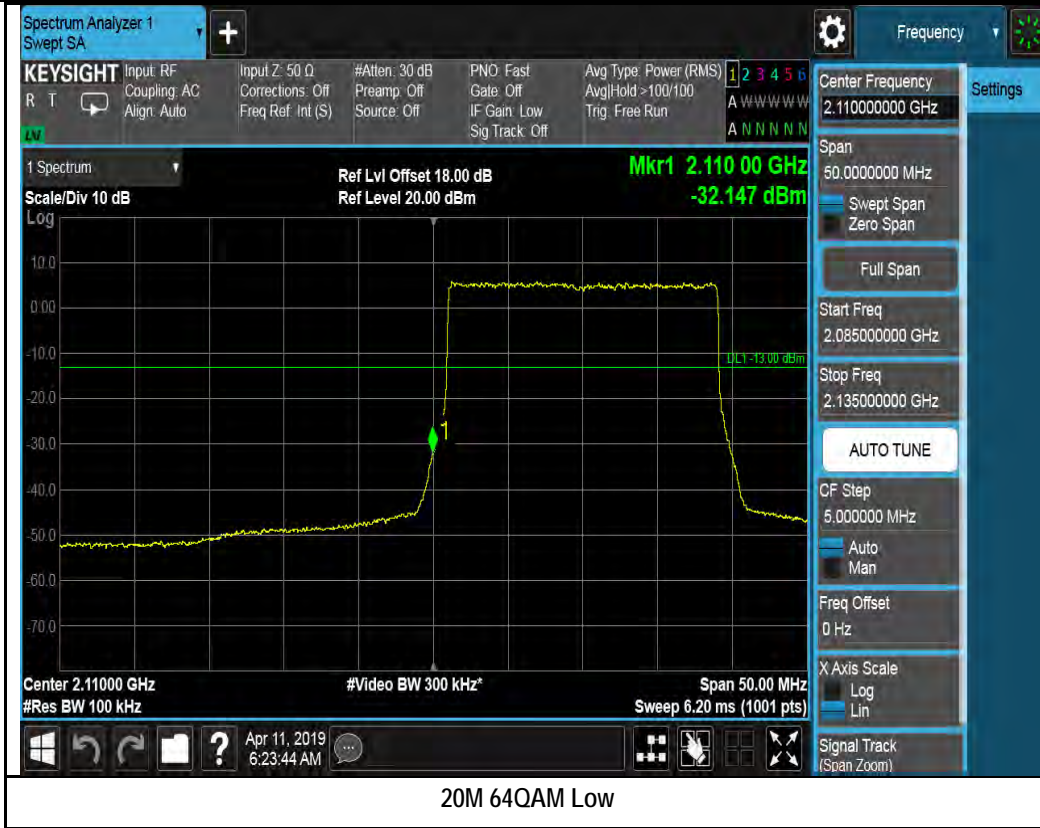












Chain 1:

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

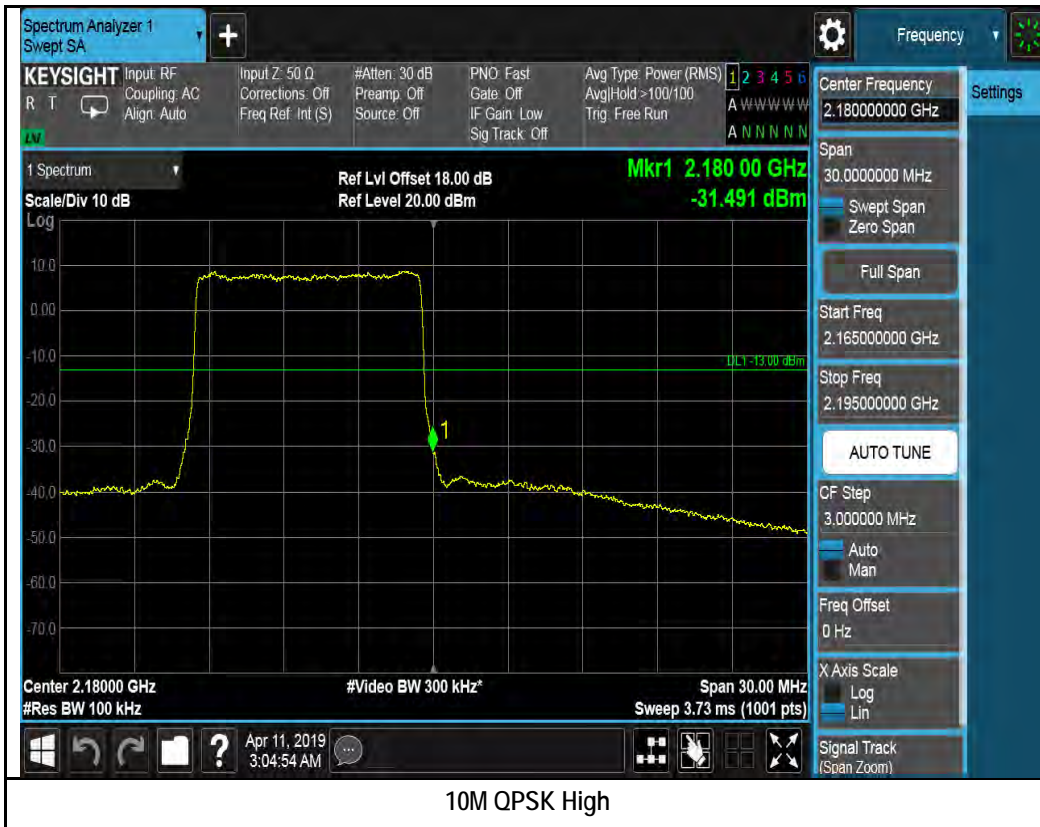
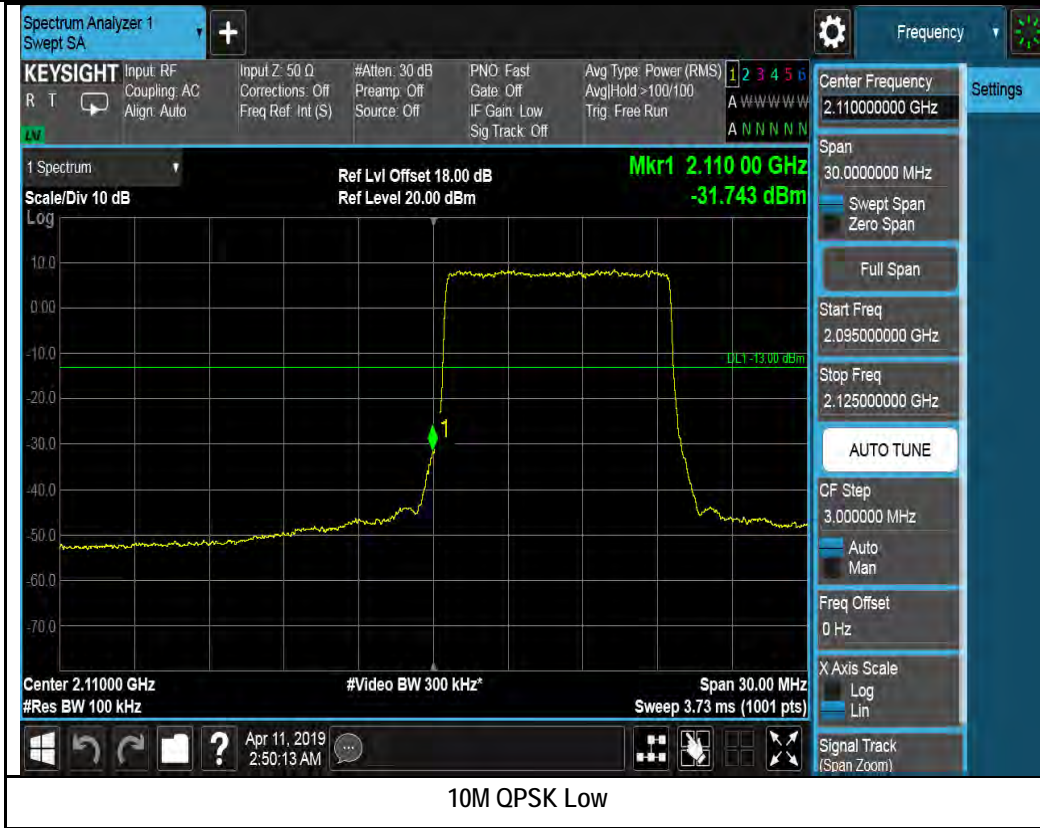
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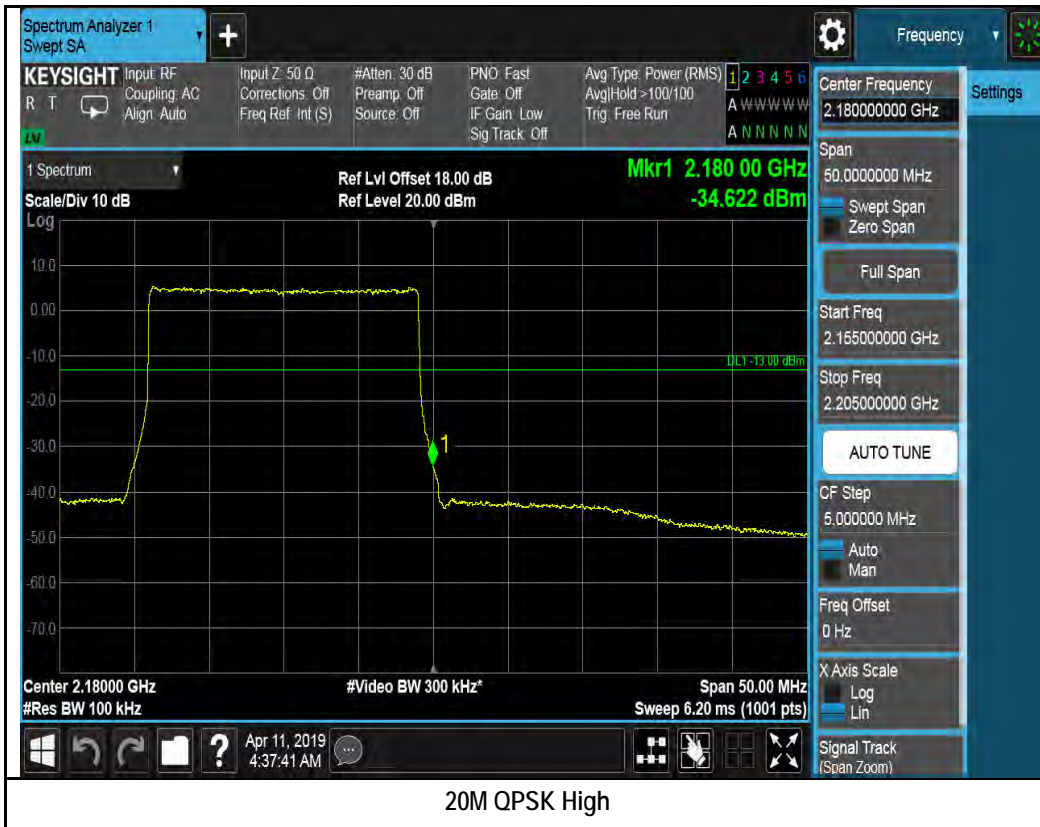
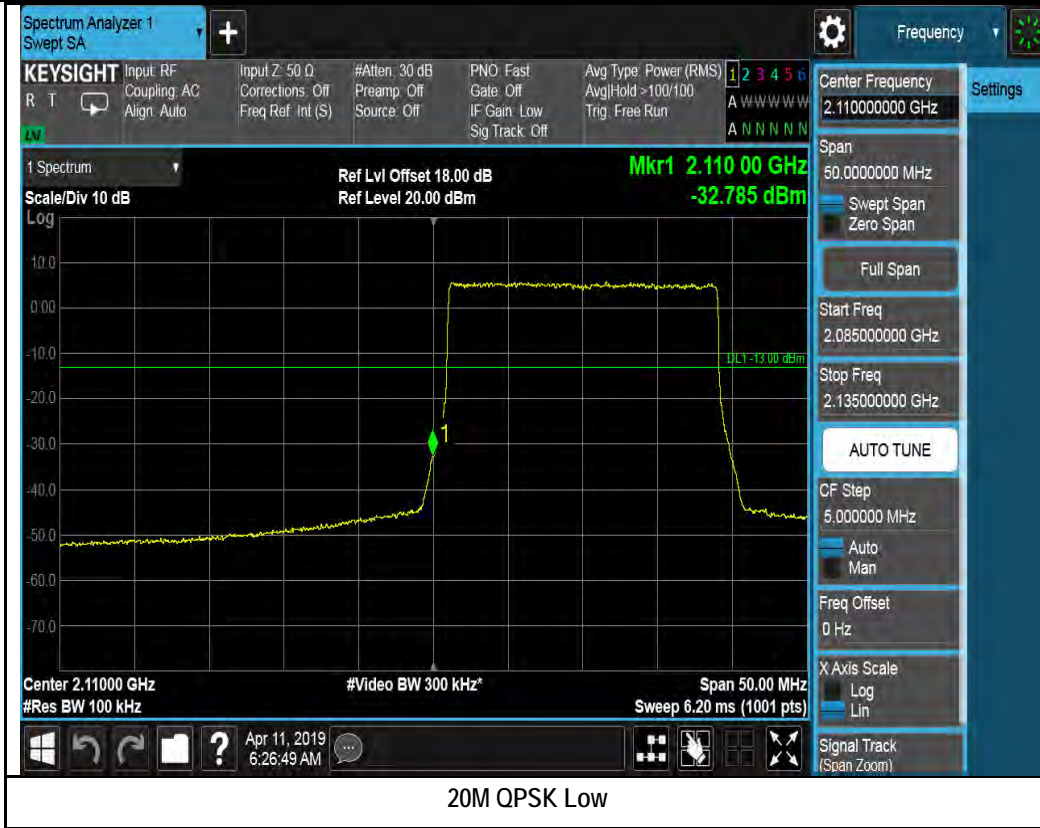
5M QPSK Low

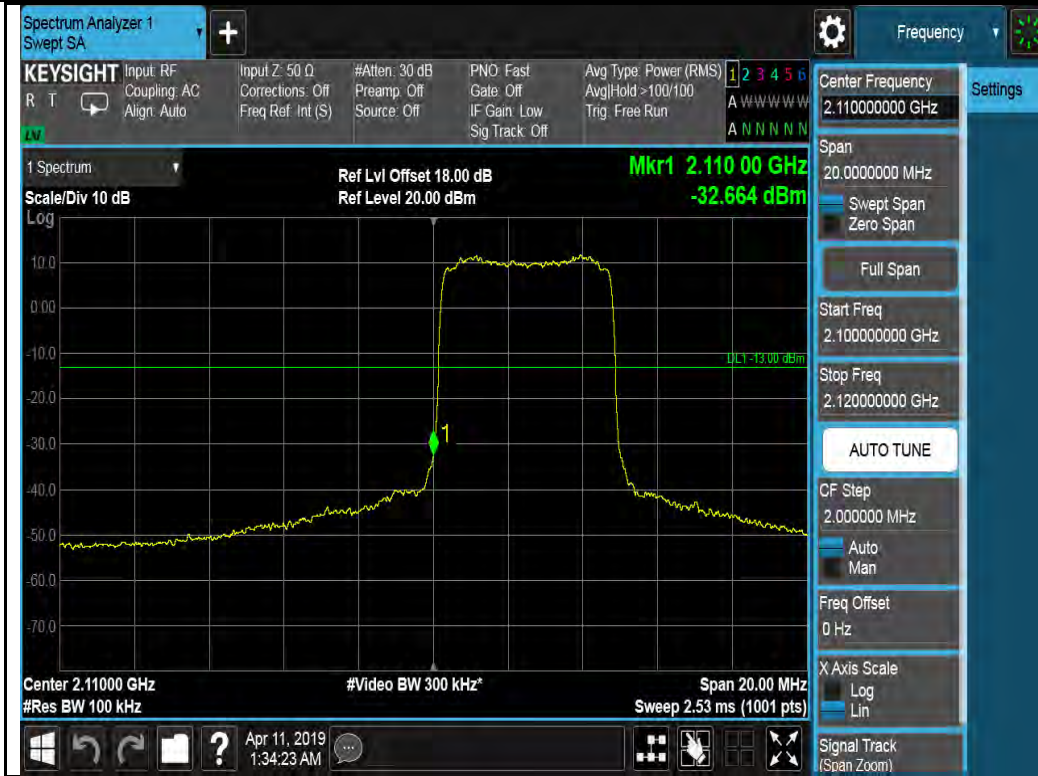


5M QPSK High

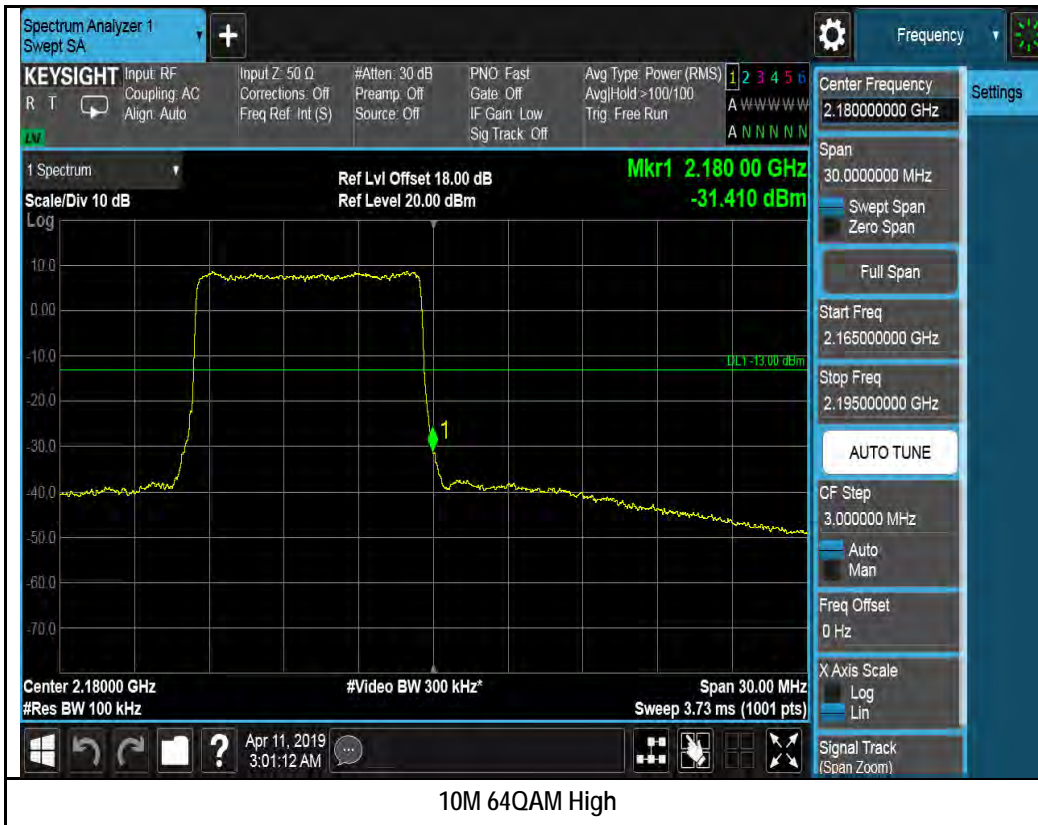
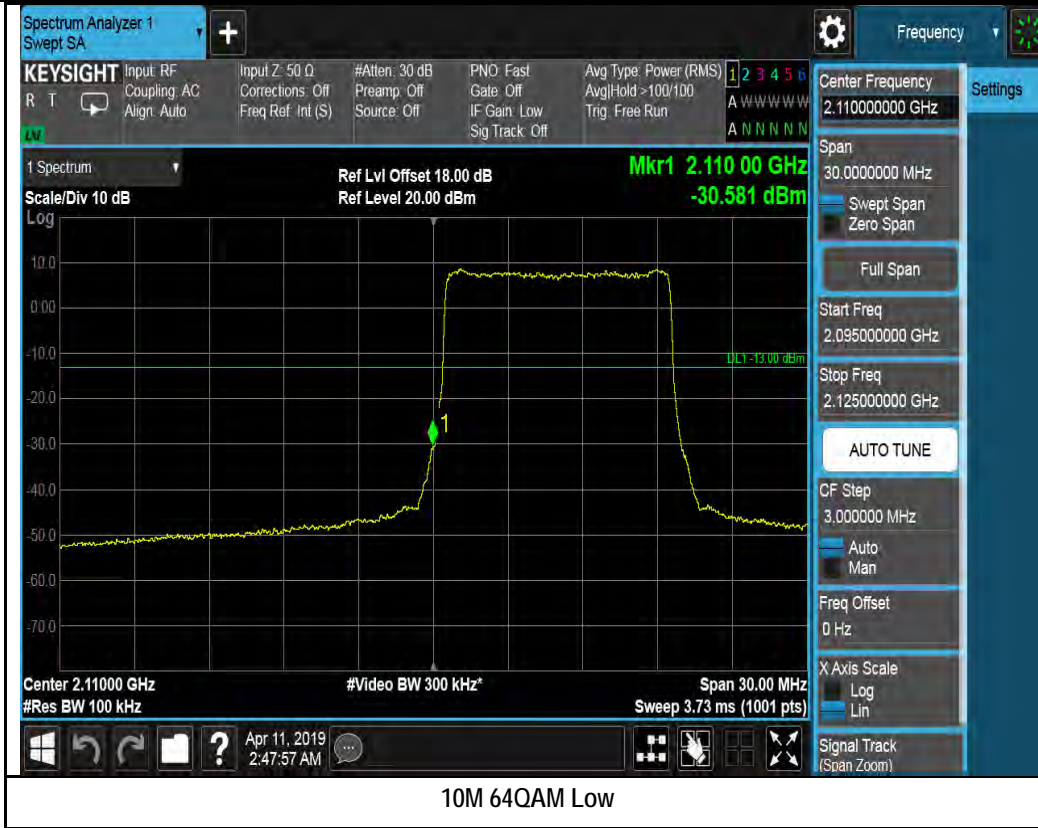


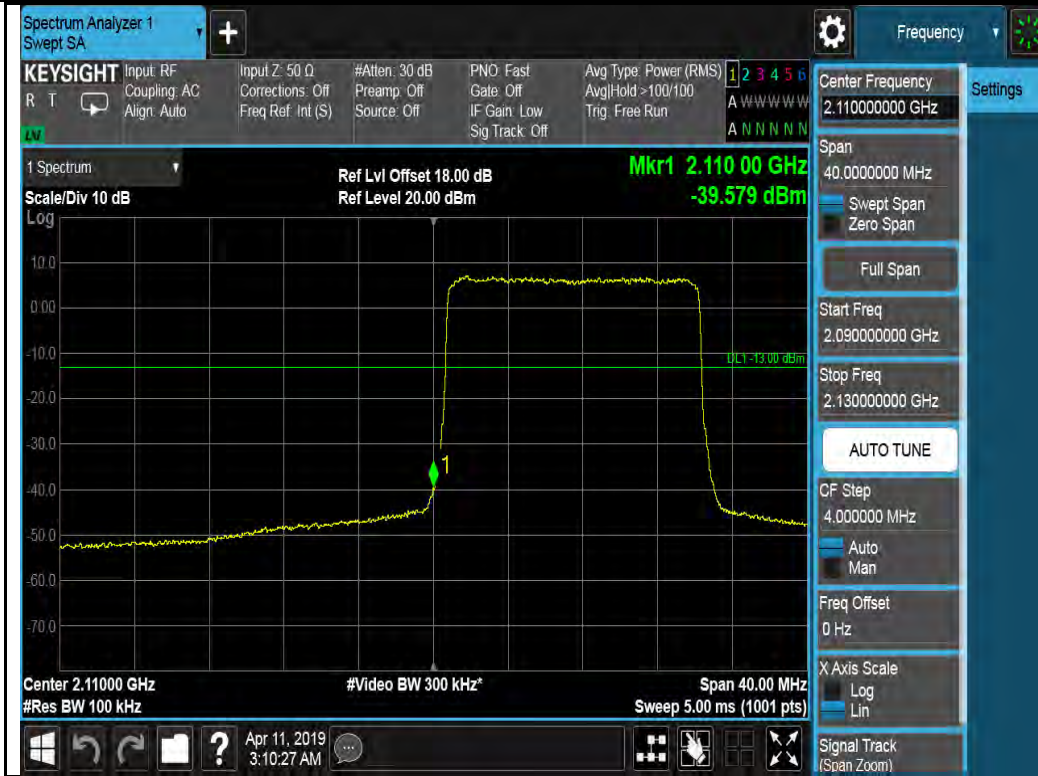


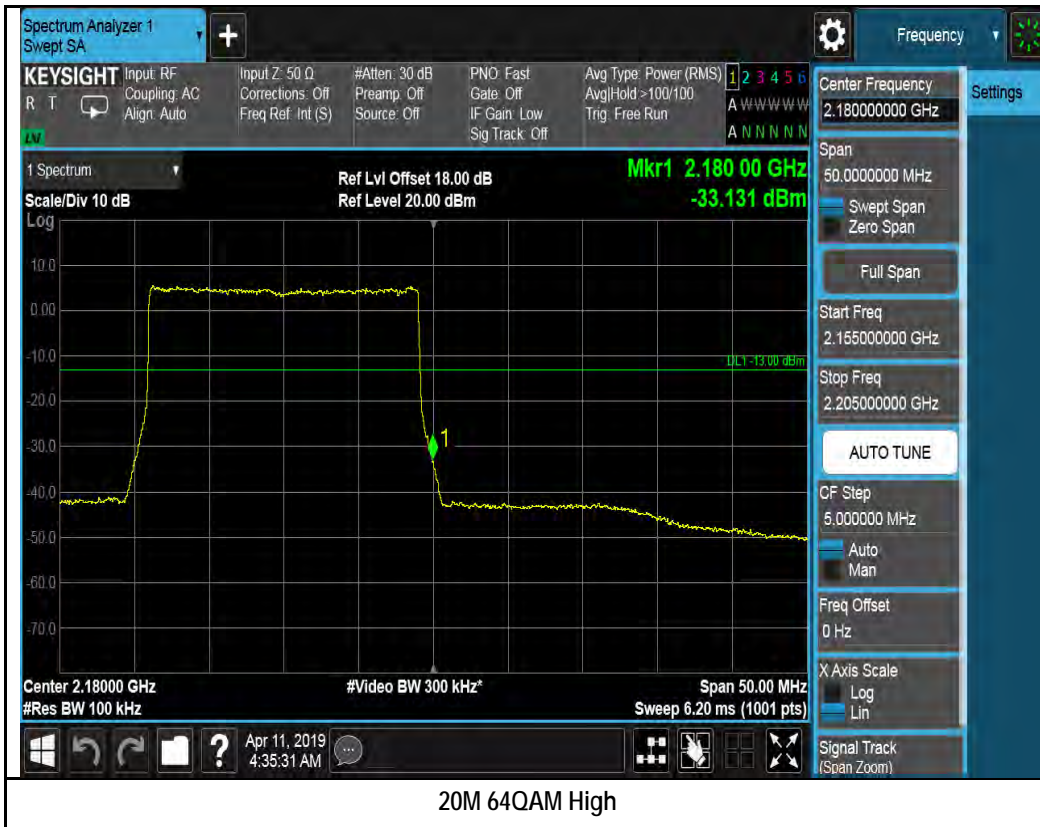
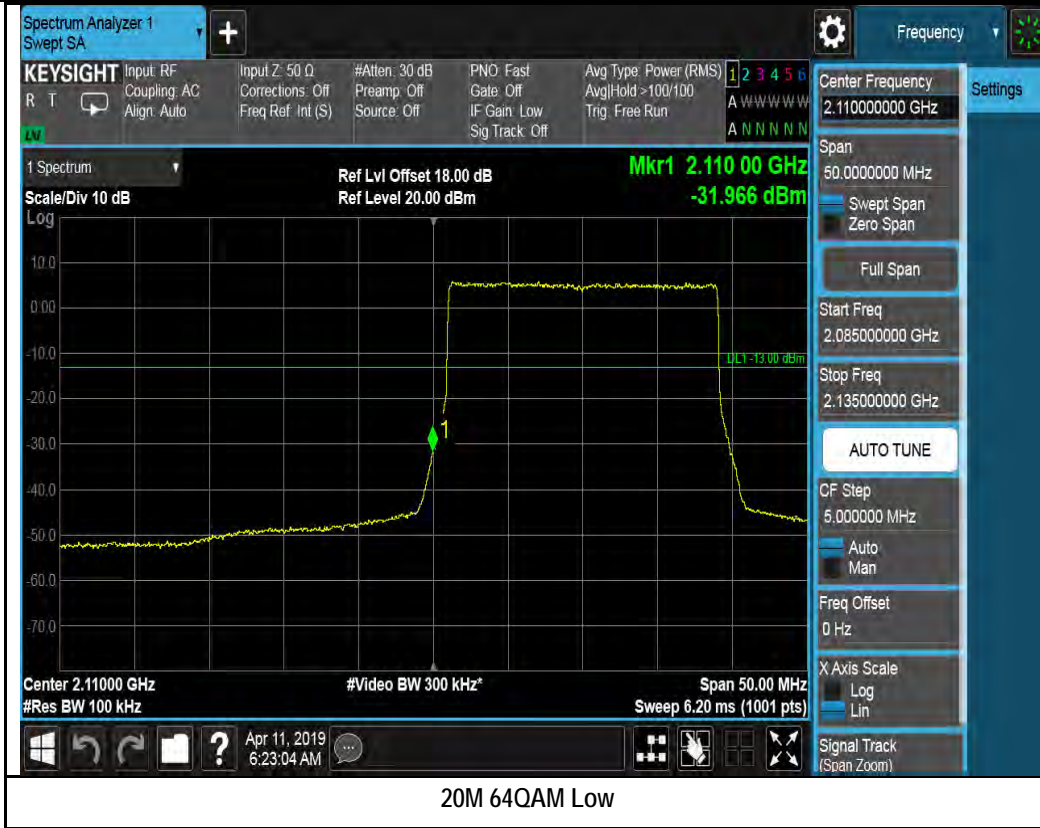












Test Plots for Band 13:  
Chain 0:



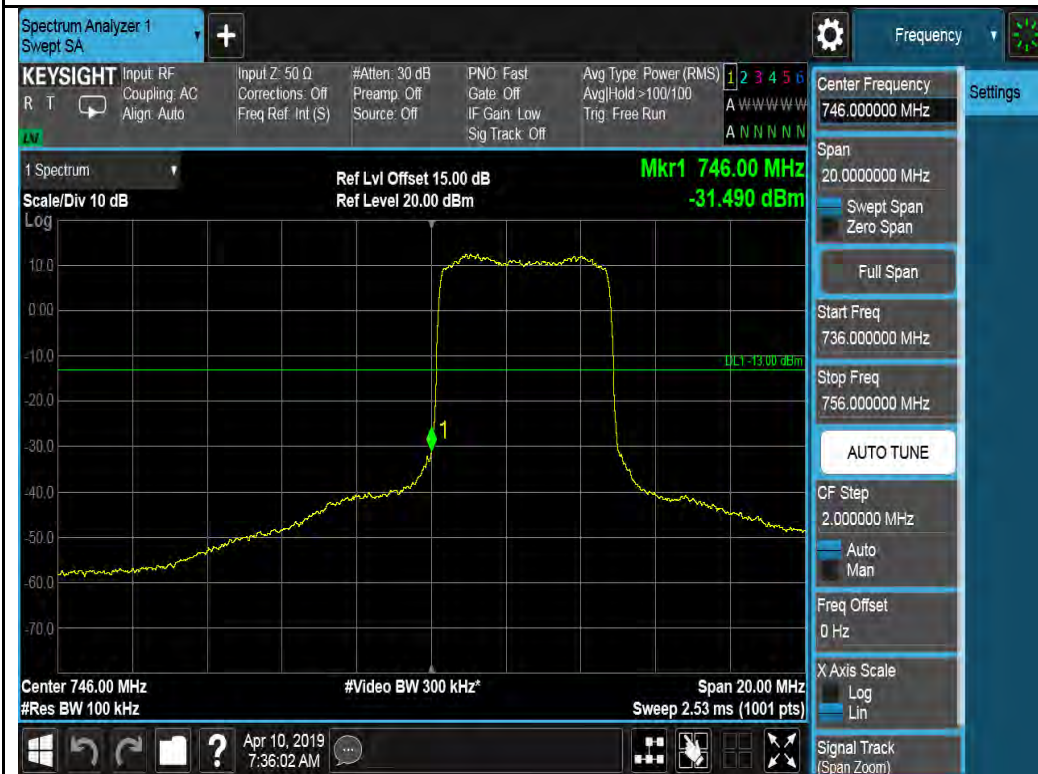
5M QPSK Low



5M QPSK High



10M QPSK Mid



5M 64QAM Low

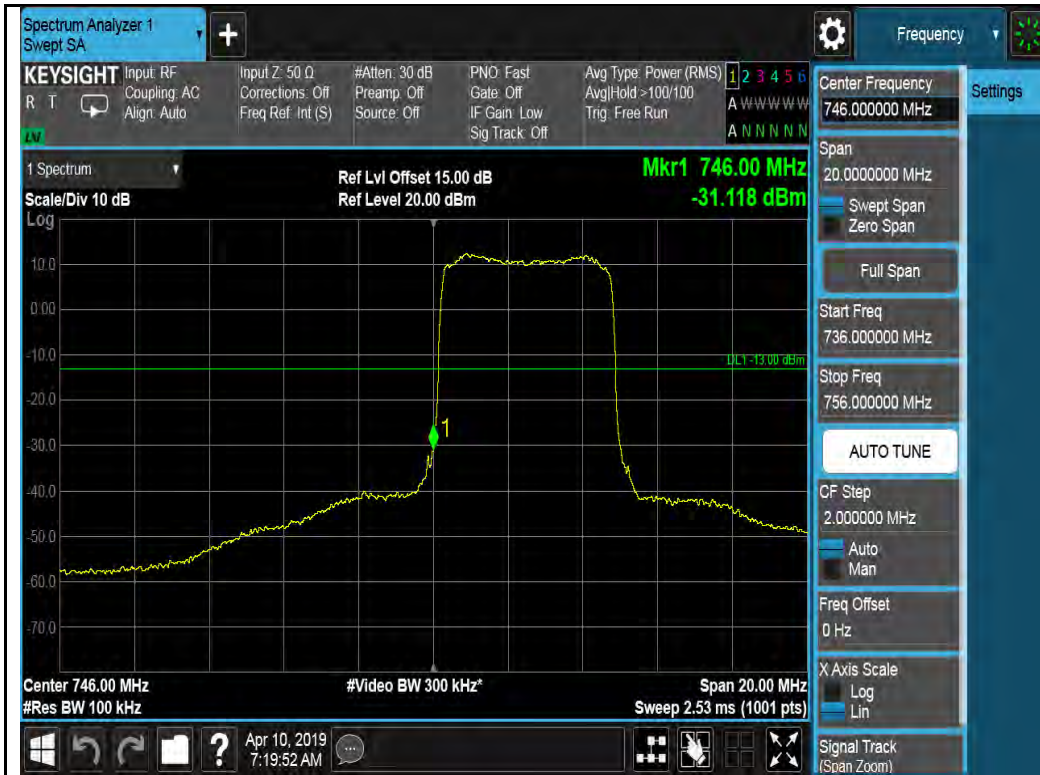


5M 64QAM High

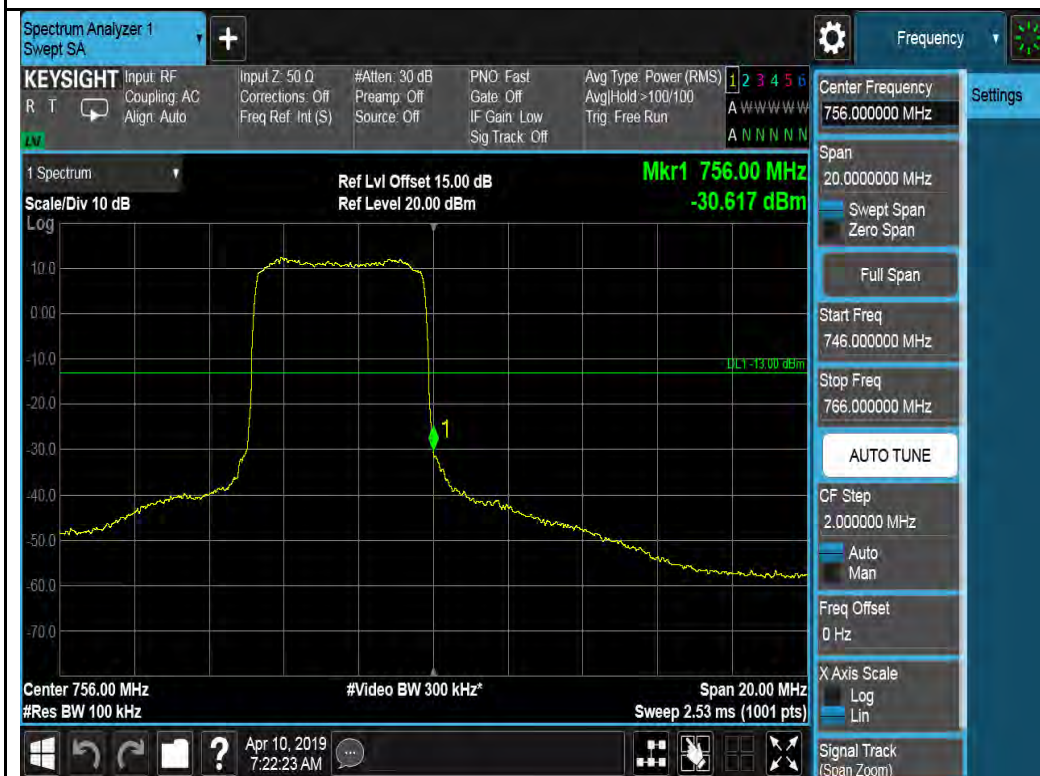


10M 64QAM Mid

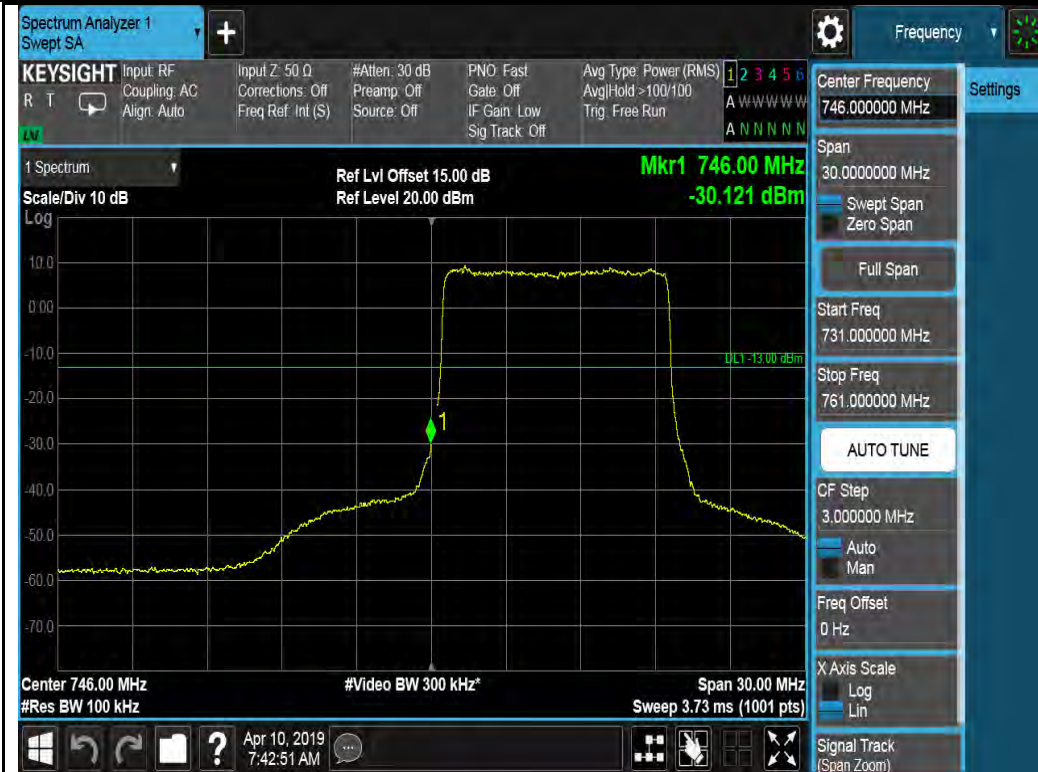
Chain 1:



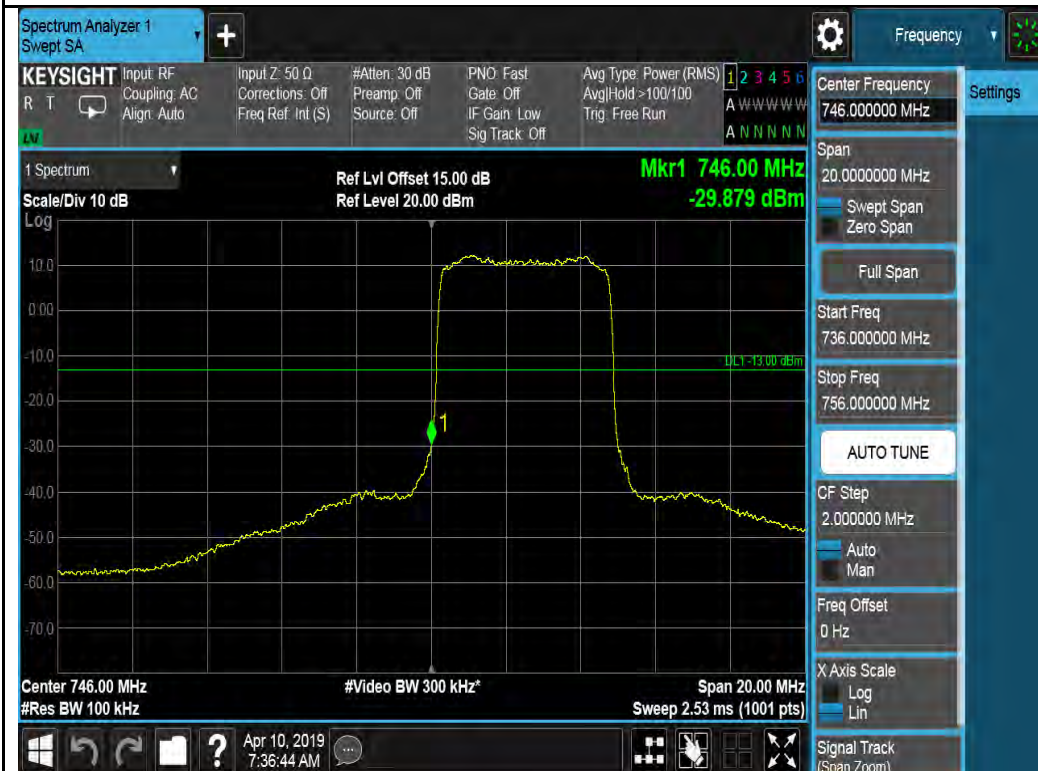
5M QPSK Low



5M QPSK High



10M QPSK Mid

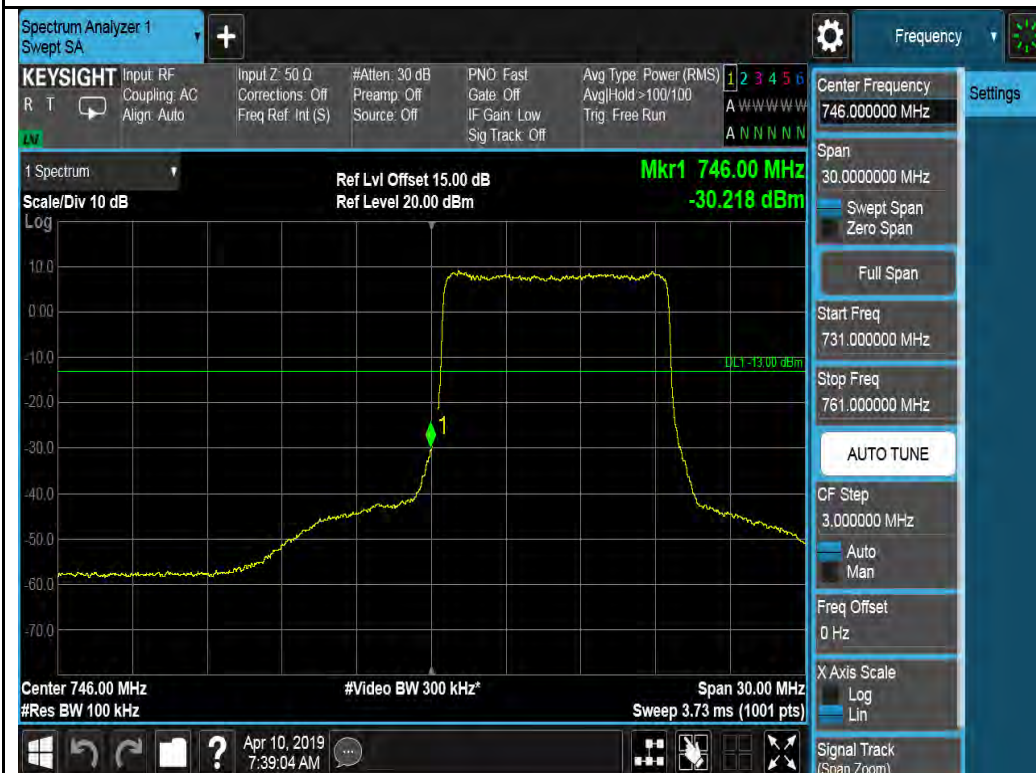


5M 64QAM Low



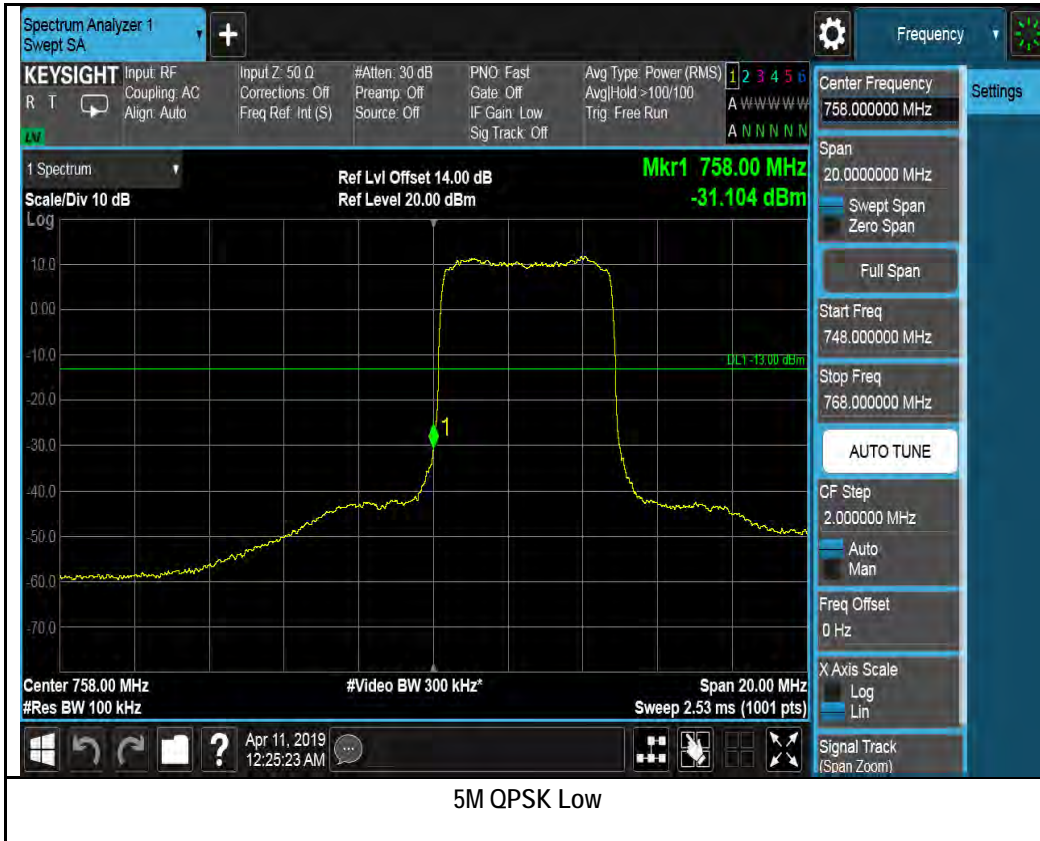


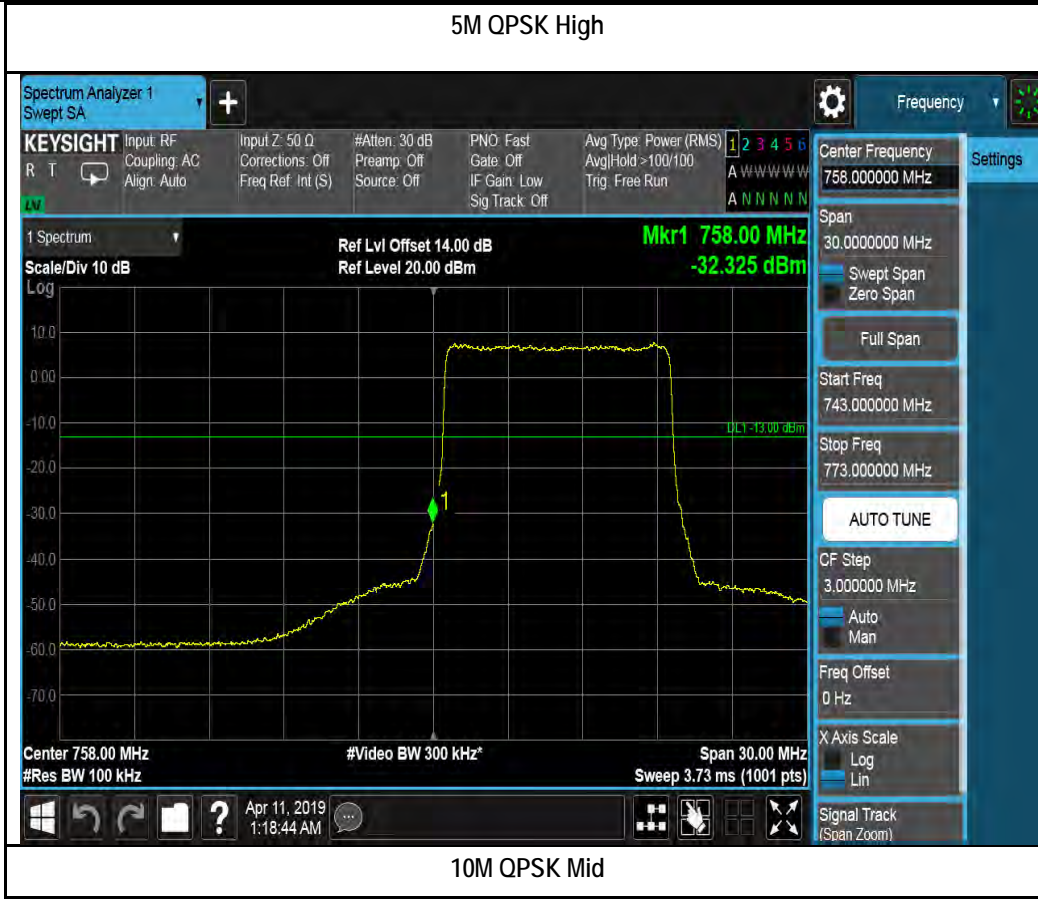
5M 64QAM High



10M 64QAM Mid

Test Plots for Band 14:  
Chain 0:





10M QPSK High

15M QPSK Low

15M QPSK High

20M QPSK Low

20M QPSK High



5M 64QAM Low



5M 64QAM High