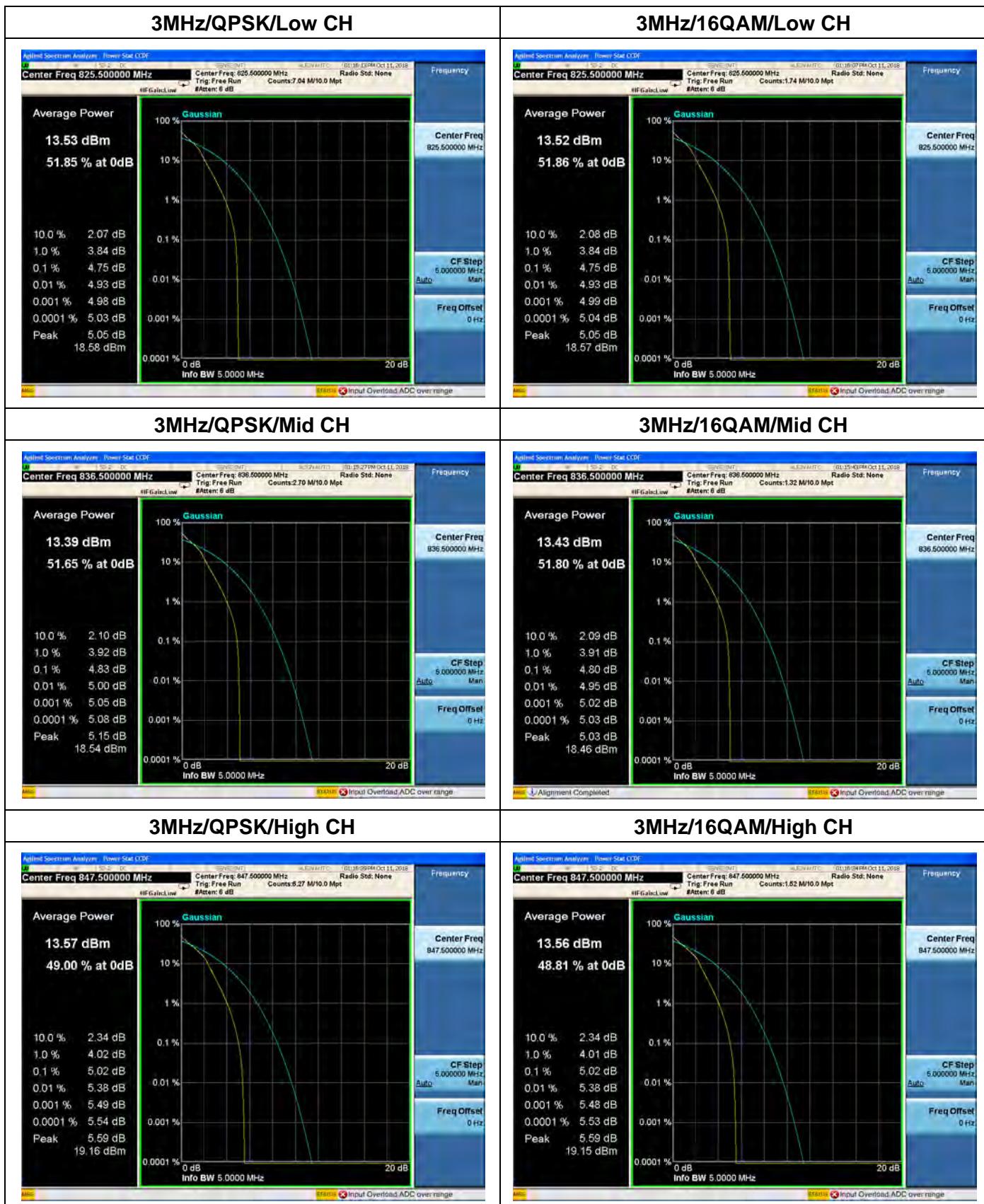




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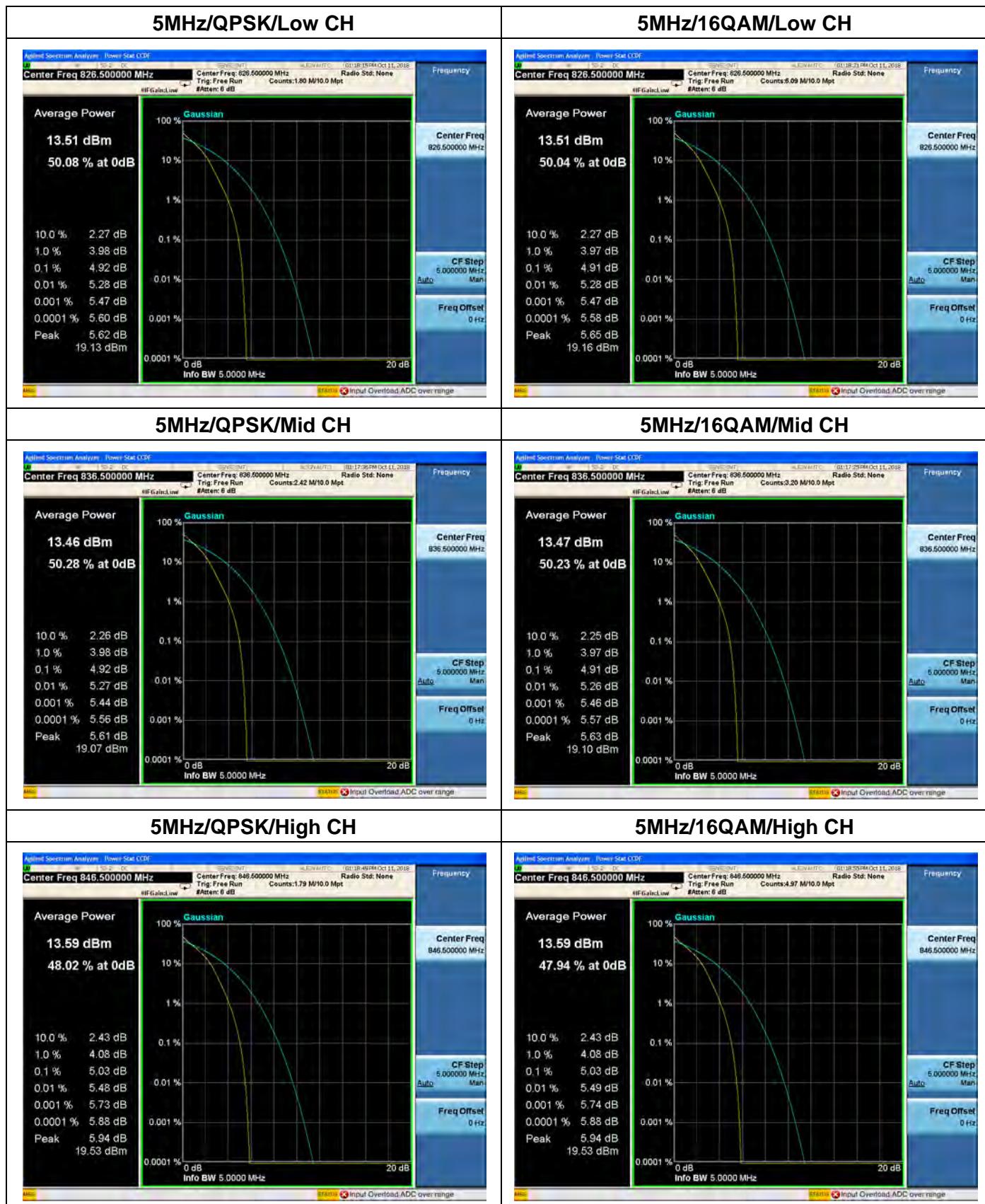
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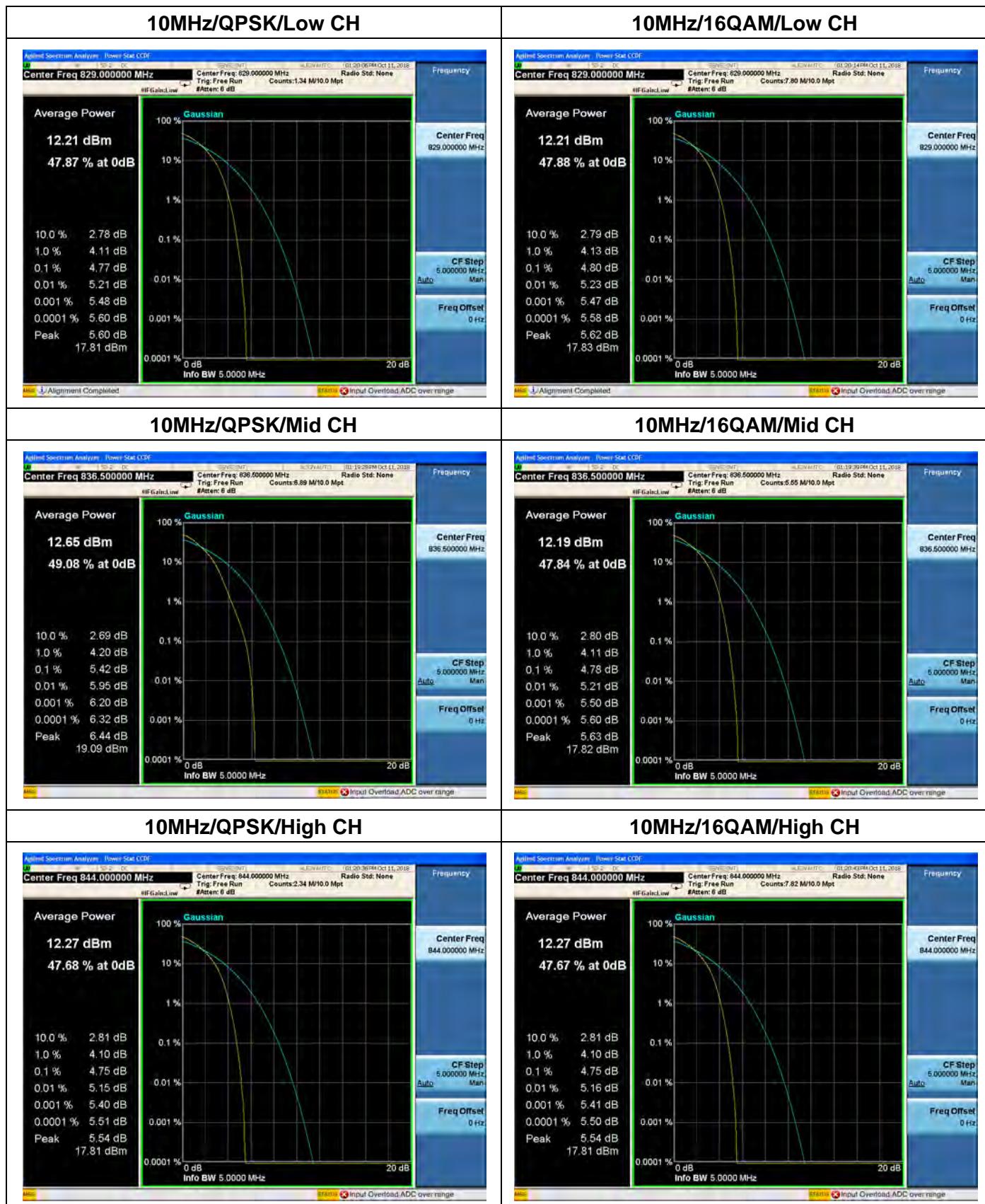
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**LTE Band 12, BW: 1.4MHz**

Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
23017	699.7	4.63	4.65
23095	707.5	4.48	4.50
23173	715.3	4.52	4.51

**LTE Band 12, BW: 3MHz**

Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
23025	700.5	4.68	4.69
23095	707.5	4.54	4.53
23165	714.5	4.60	4.60

**LTE Band 12, BW: 5MHz**

Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
23035	701.5	4.79	4.79
23095	707.5	4.67	4.65
23165	714.5	4.72	4.72

**LTE Band 12, BW: 10MHz**

Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
23060	704.0	4.74	4.75
23095	707.5	4.68	4.68
23130	711.0	4.70	4.69



REPORT No.: SZ18080124W03

## LTE Band 12 Peak to Average Radio

## 1.4MHz/QPSK/Low CH



## 1.4MHz/16QAM/Low CH



## 1.4MHz/QPSK/Mid CH



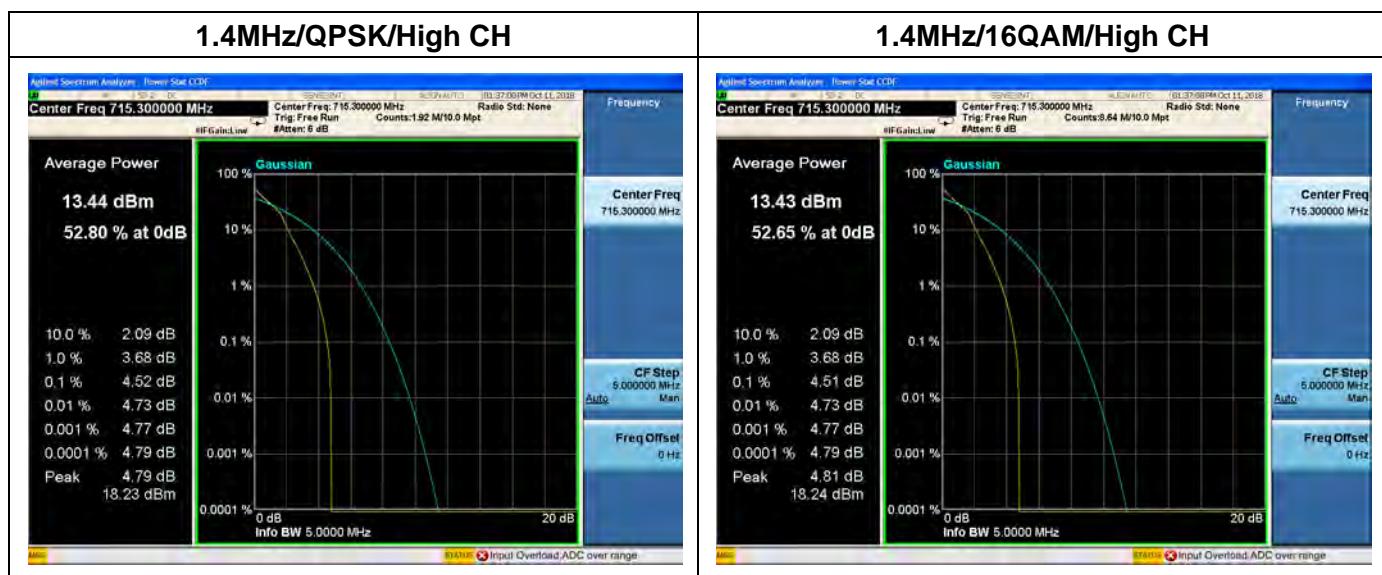
## 1.4MHz/16QAM/Mid CH



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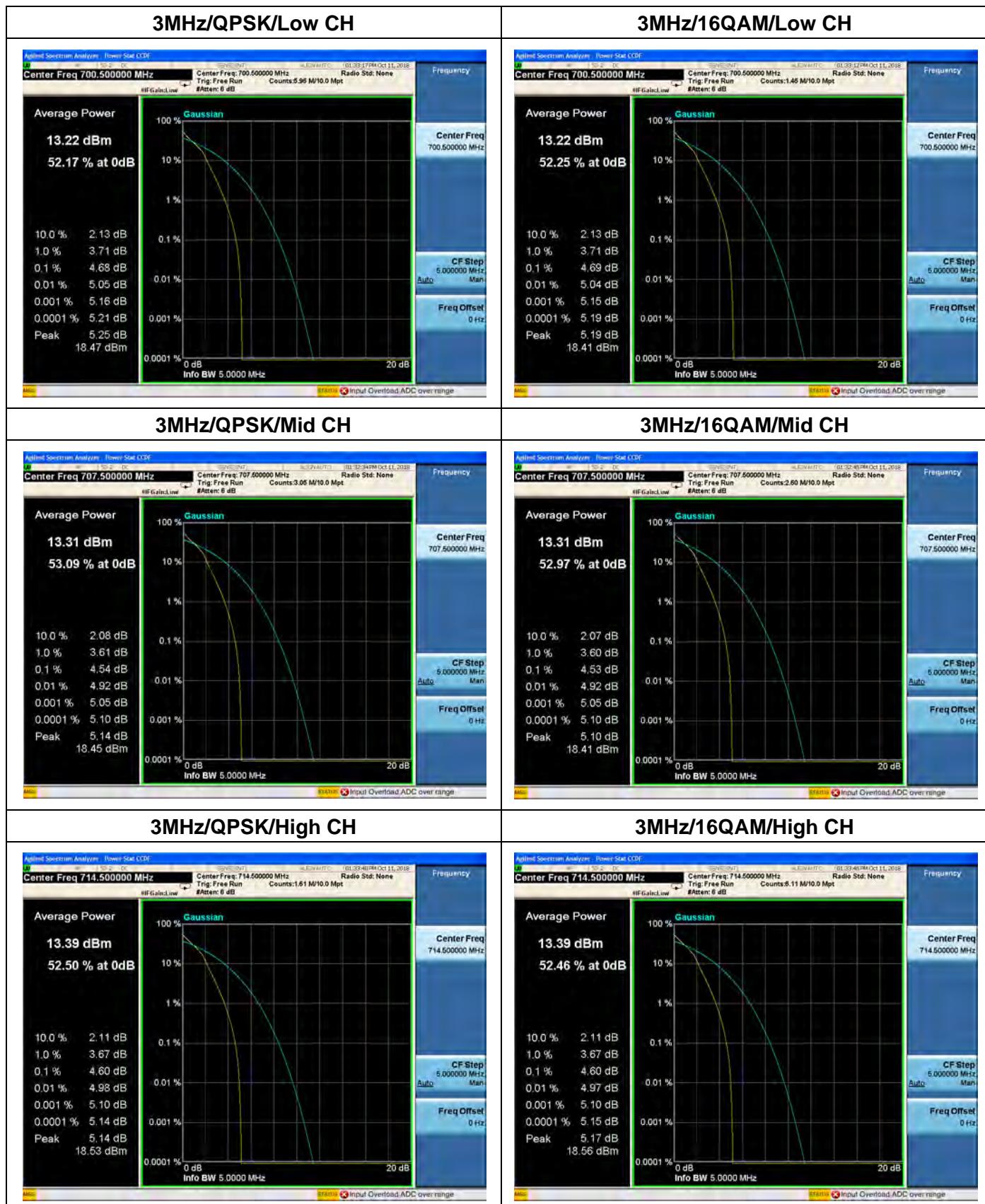
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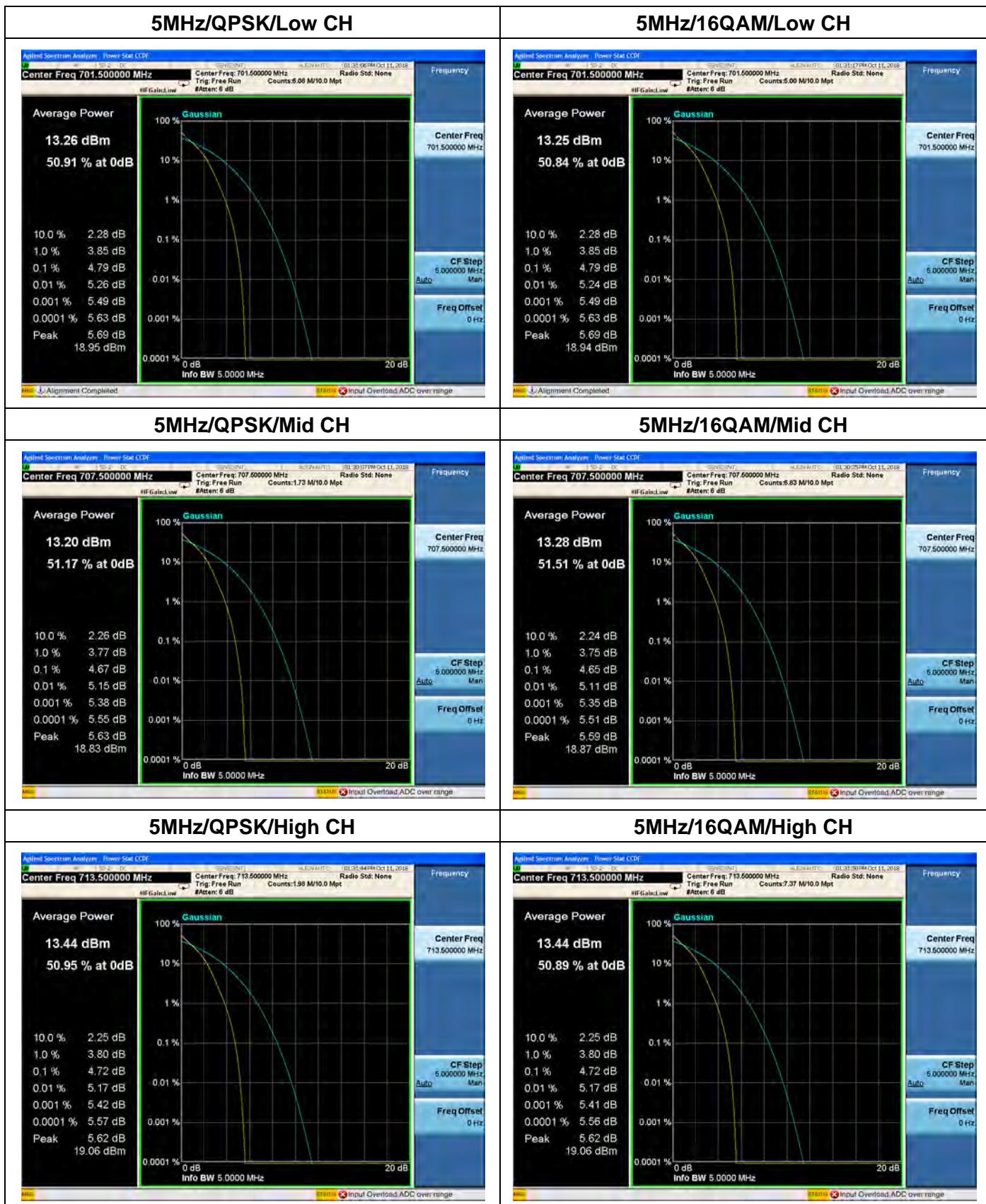
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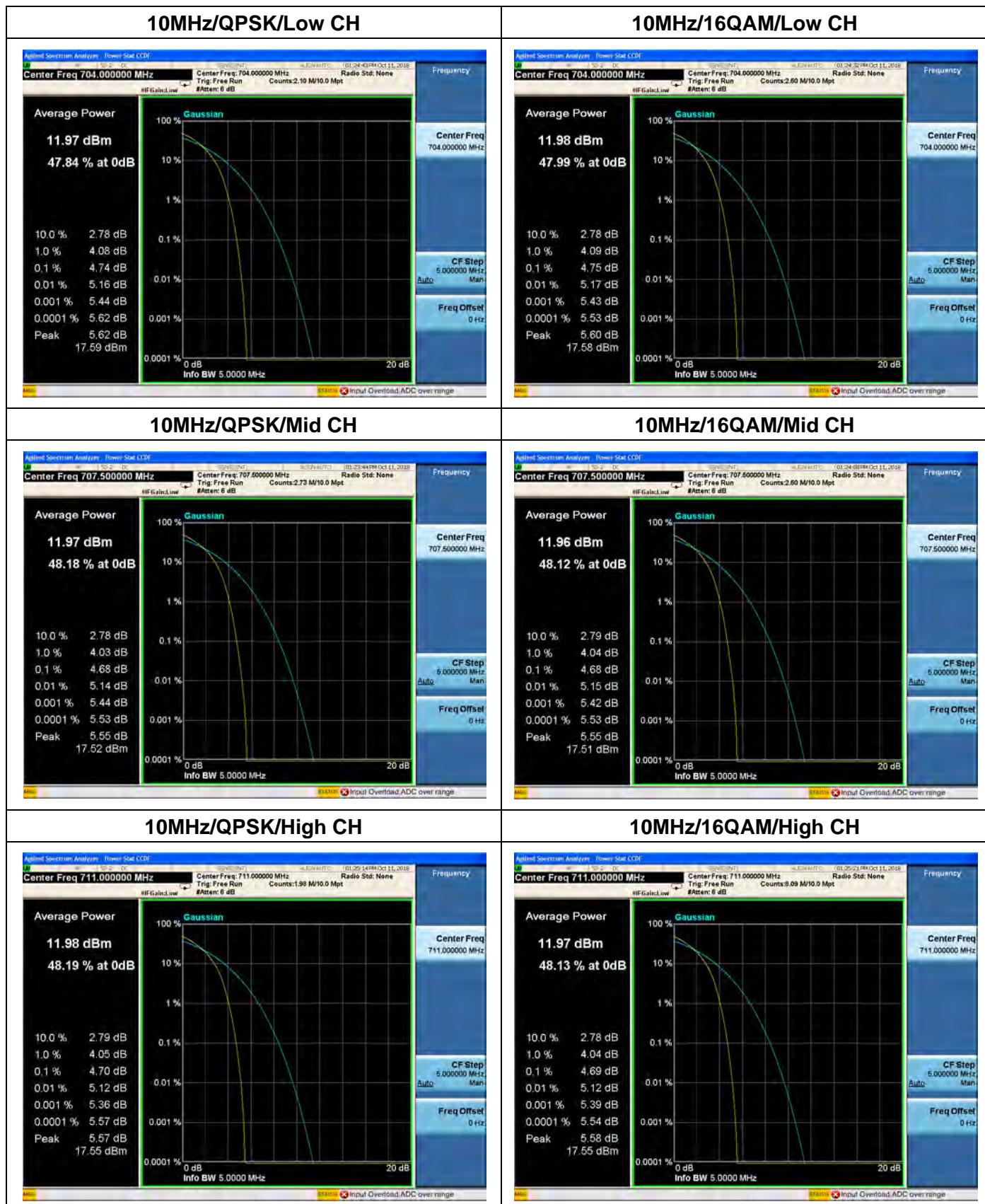
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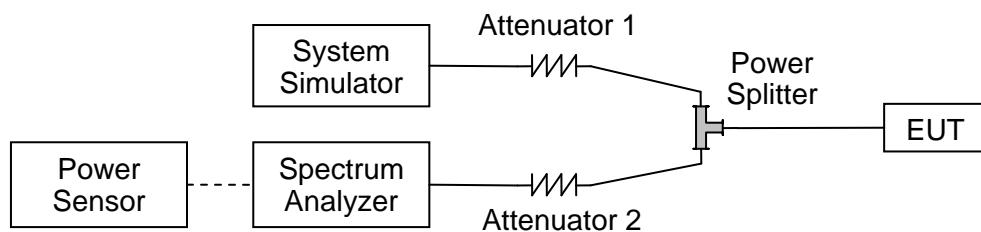
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## 2.5. Conducted Spurious Emissions

### 2.5.1. Requirement

According to FCC section 2.1051, 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. This calculated to be -13dBm.

### 2.5.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.5.3. Test procedure

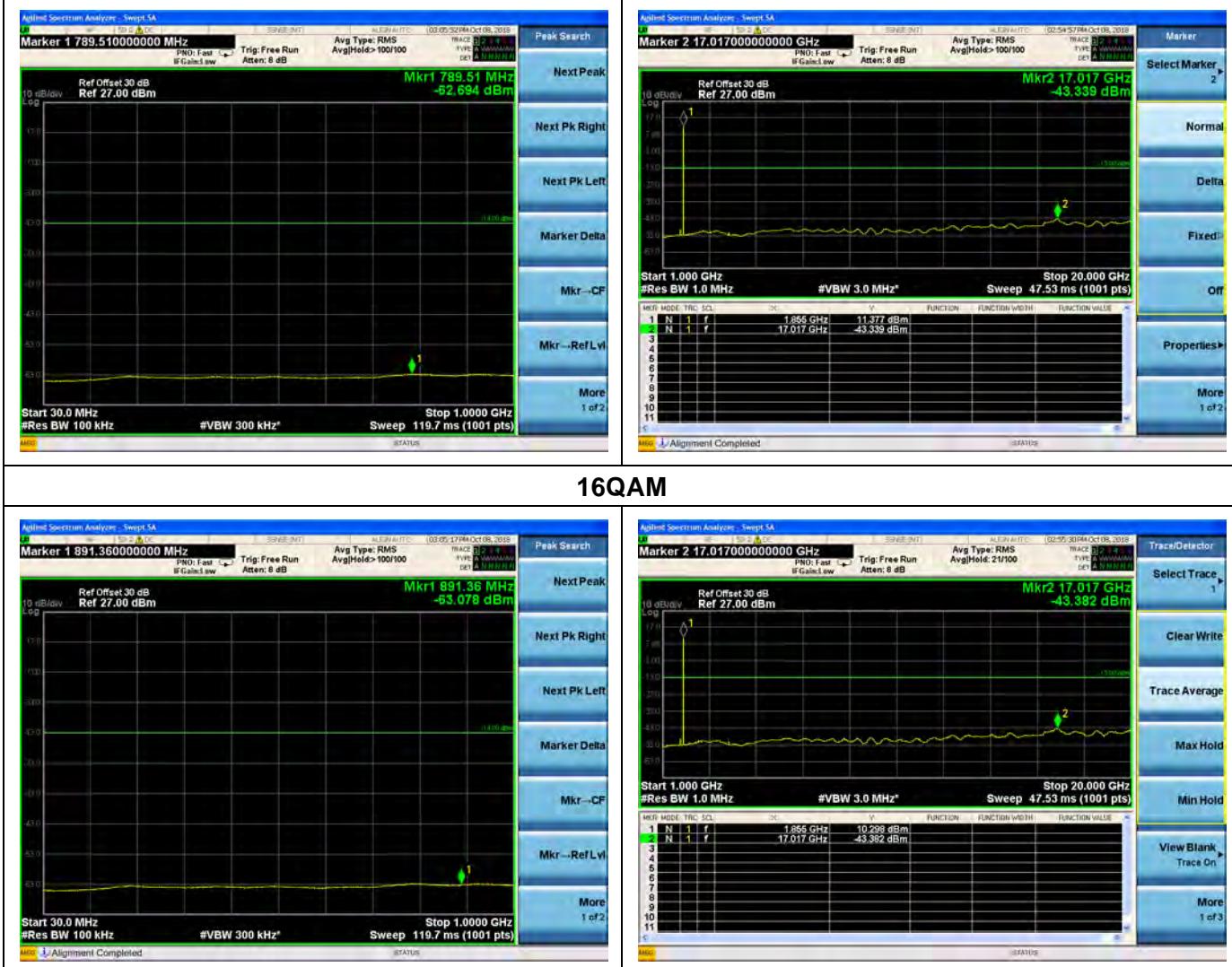
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

### 2.5.4. Test Result



REPORT No.: SZ18080124W03

## LTE Band 2 1.4MHz BW Low Channel QPSK

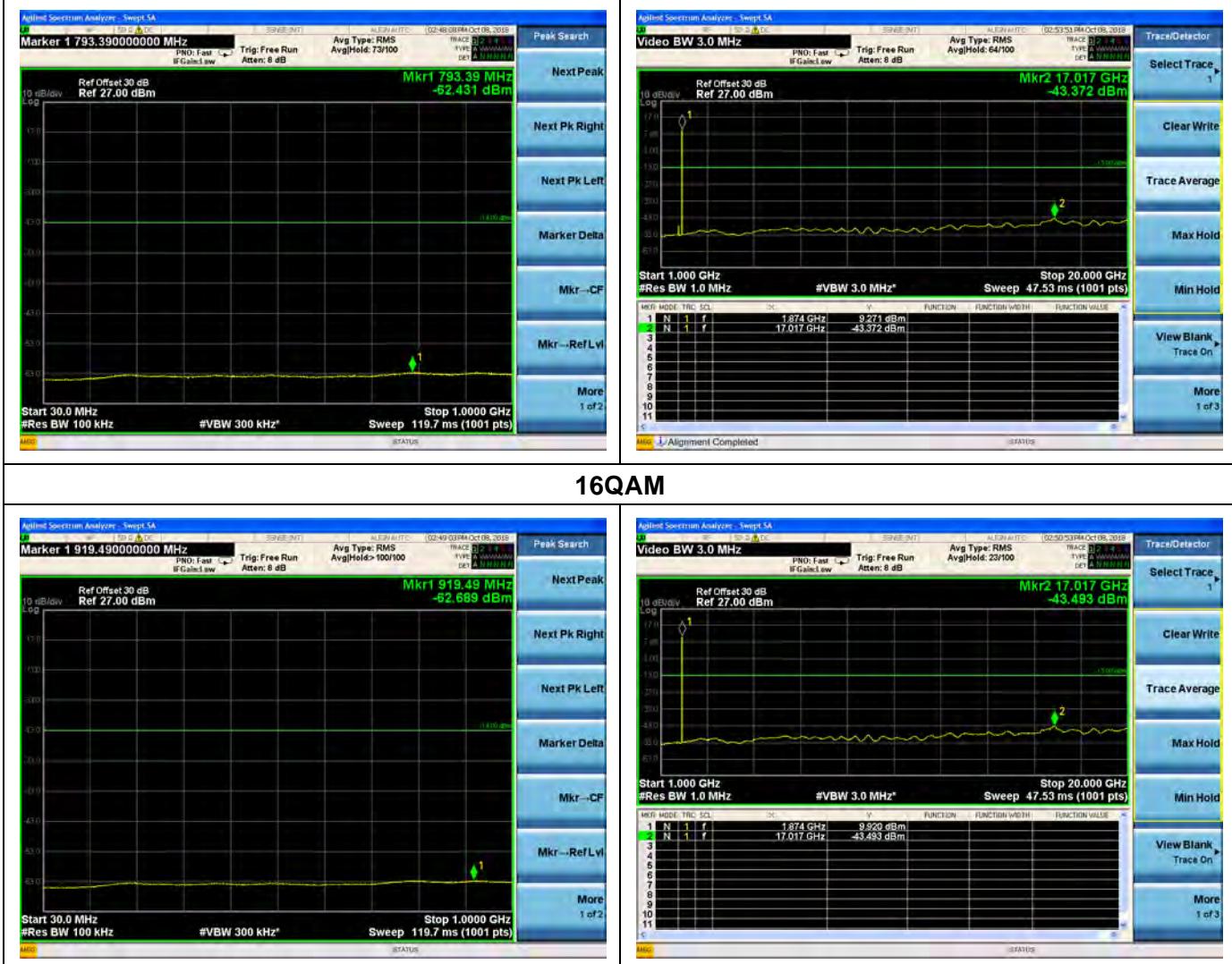


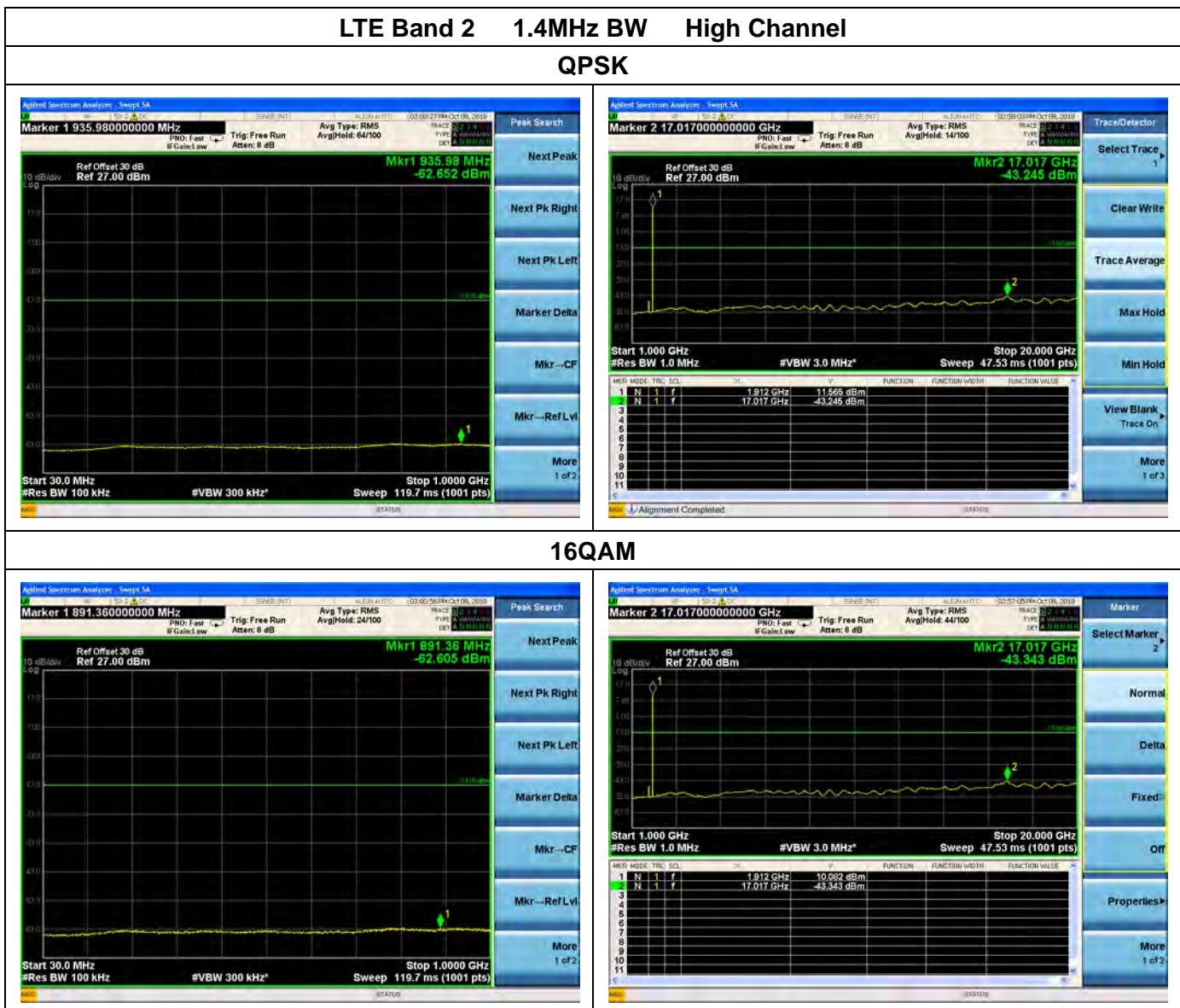
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## LTE Band 2 1.4MHz BW Mid Channel QPSK

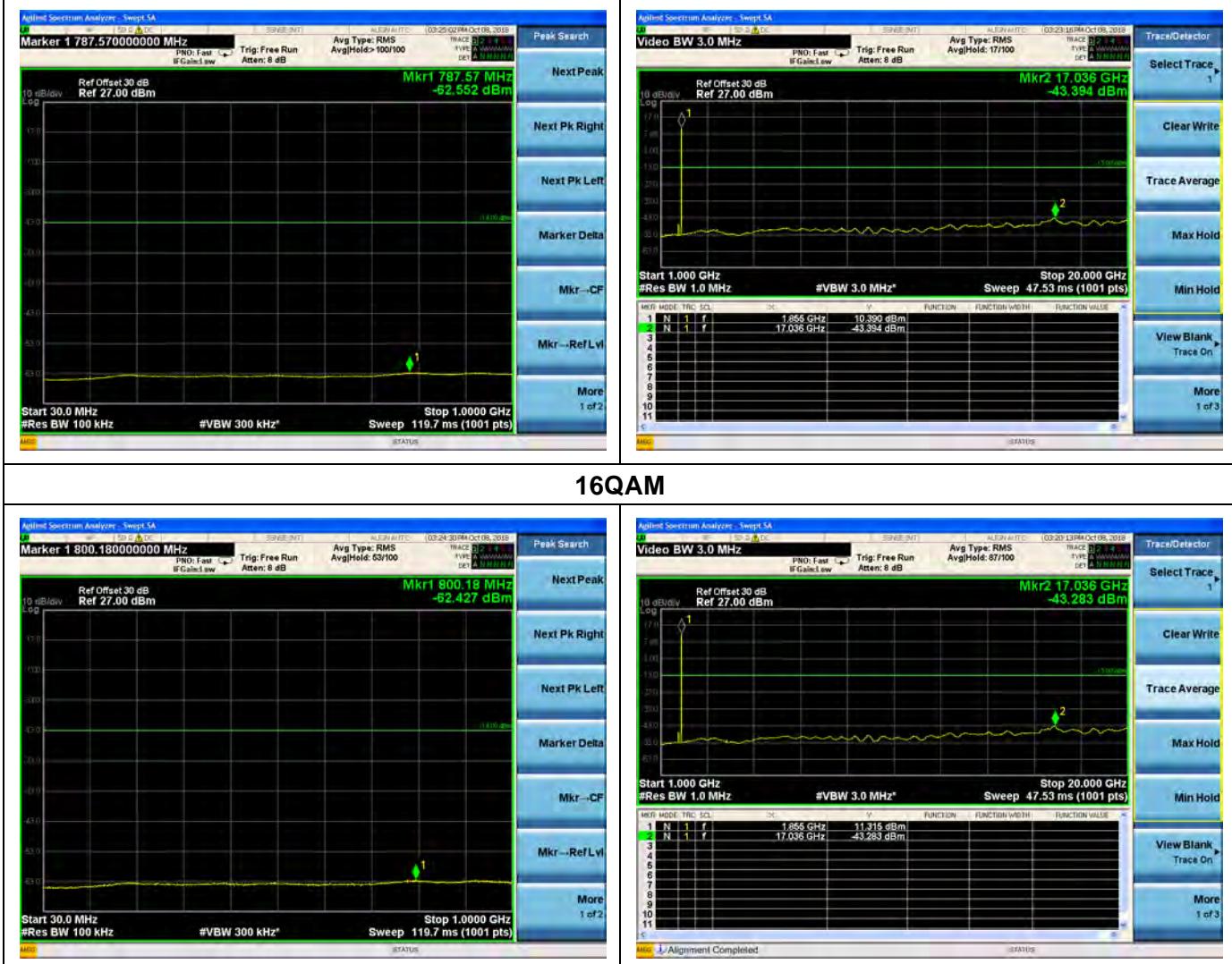






REPORT No.: SZ18080124W03

## LTE Band 2 3MHz BW Low Channel QPSK



MORLAB

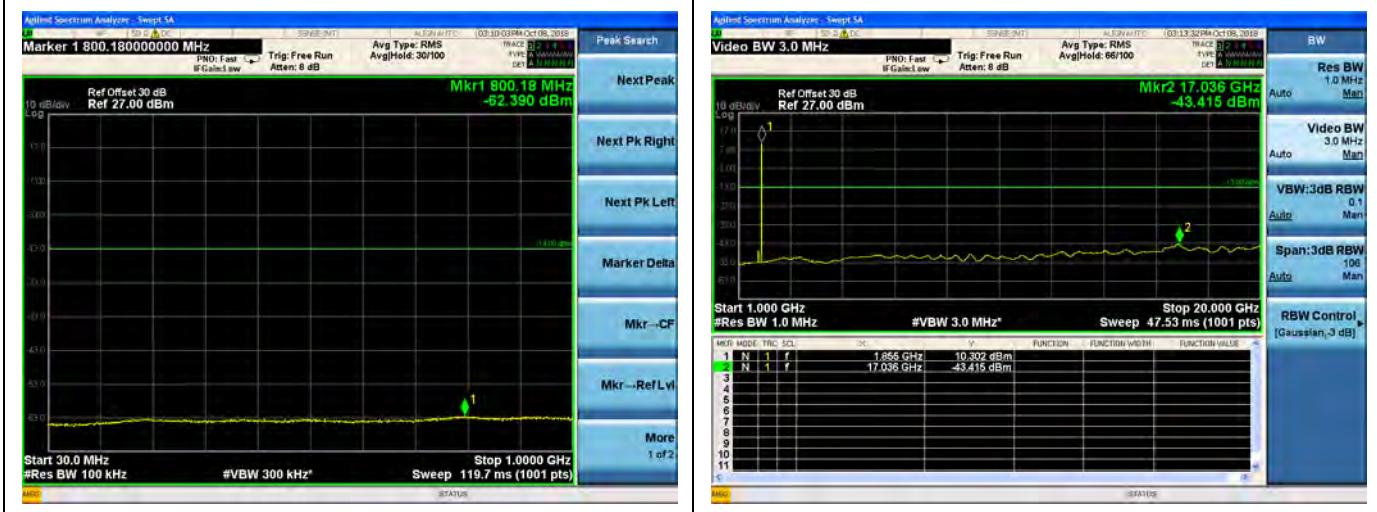
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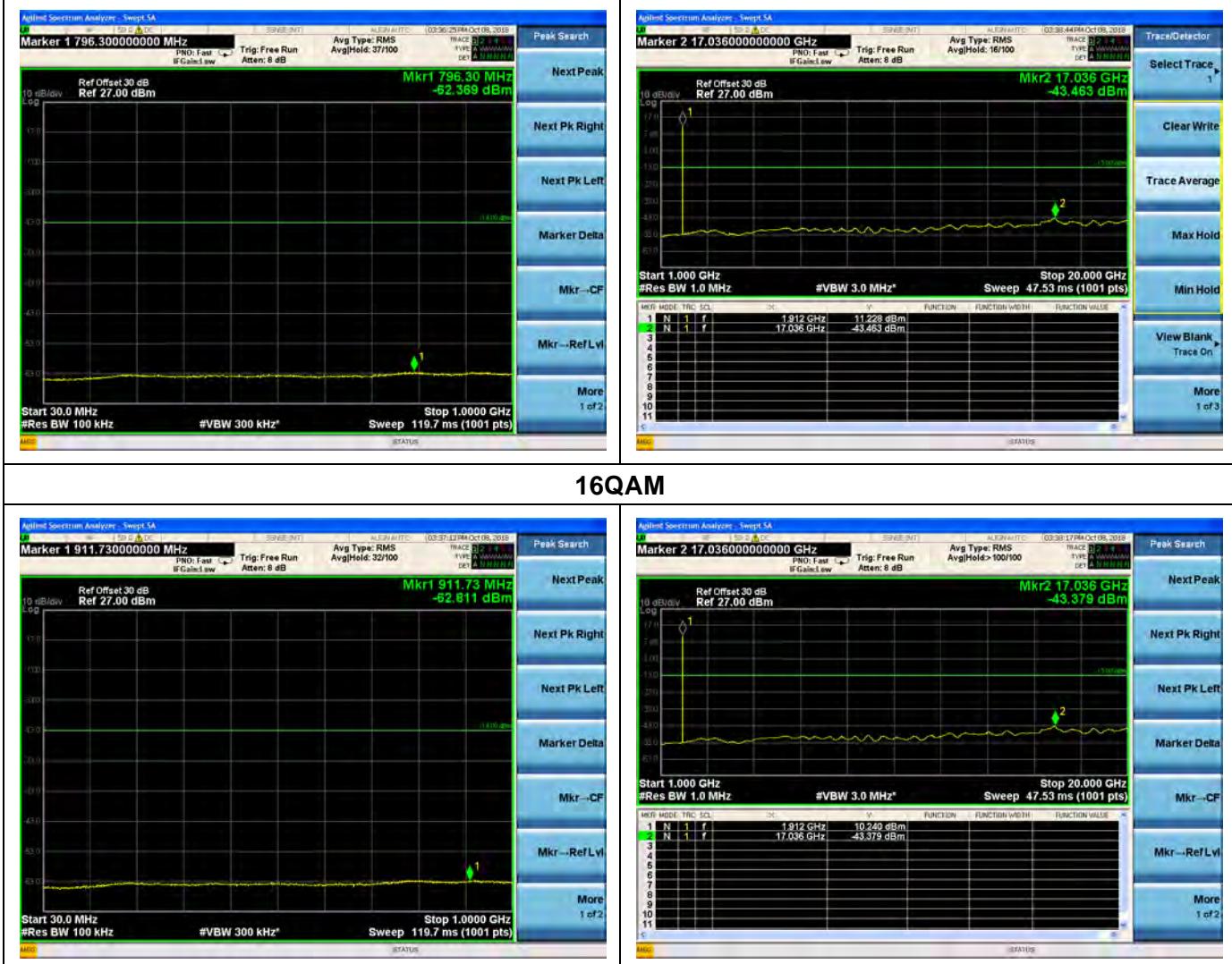
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## 16QAM



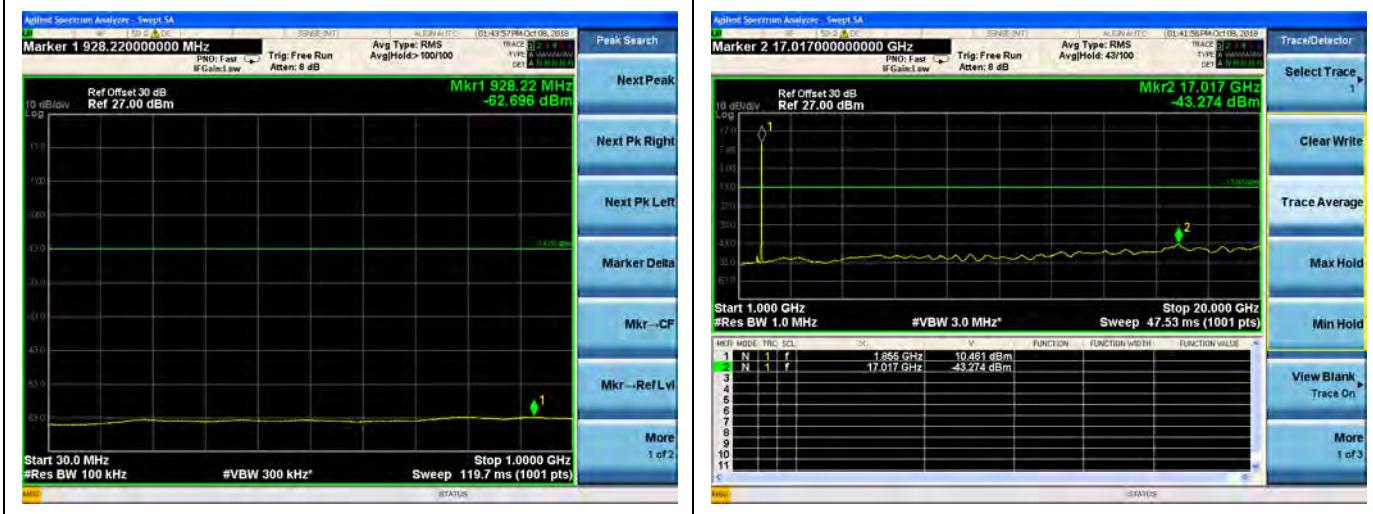
## LTE Band 2    3MHz BW    High Channel QPSK



## LTE Band 2    5MHz BW    Low Channel QPSK



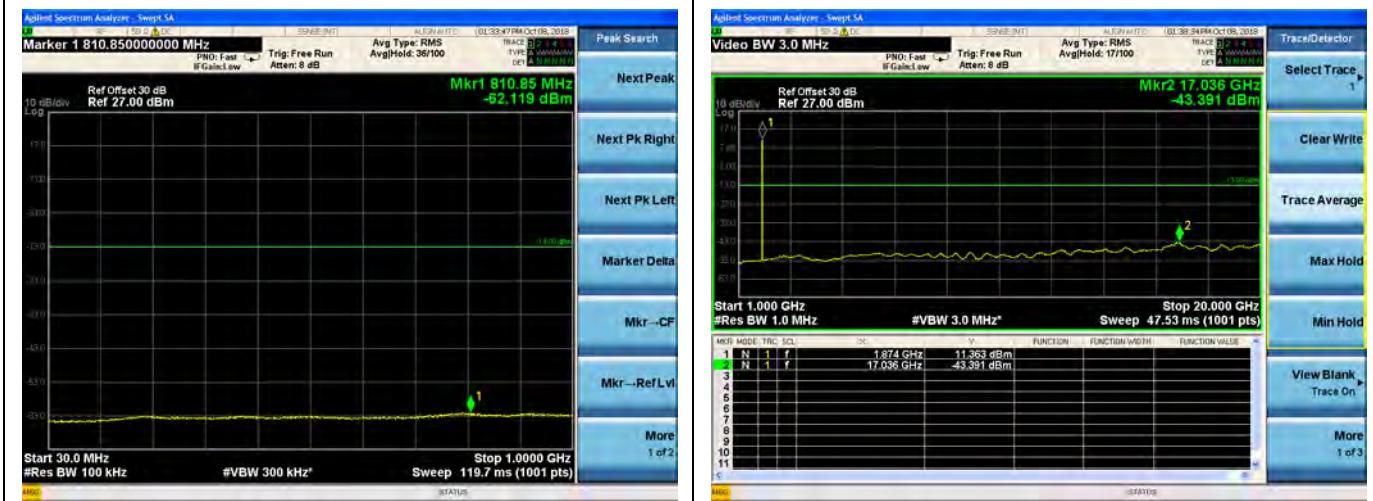
## 16QAM



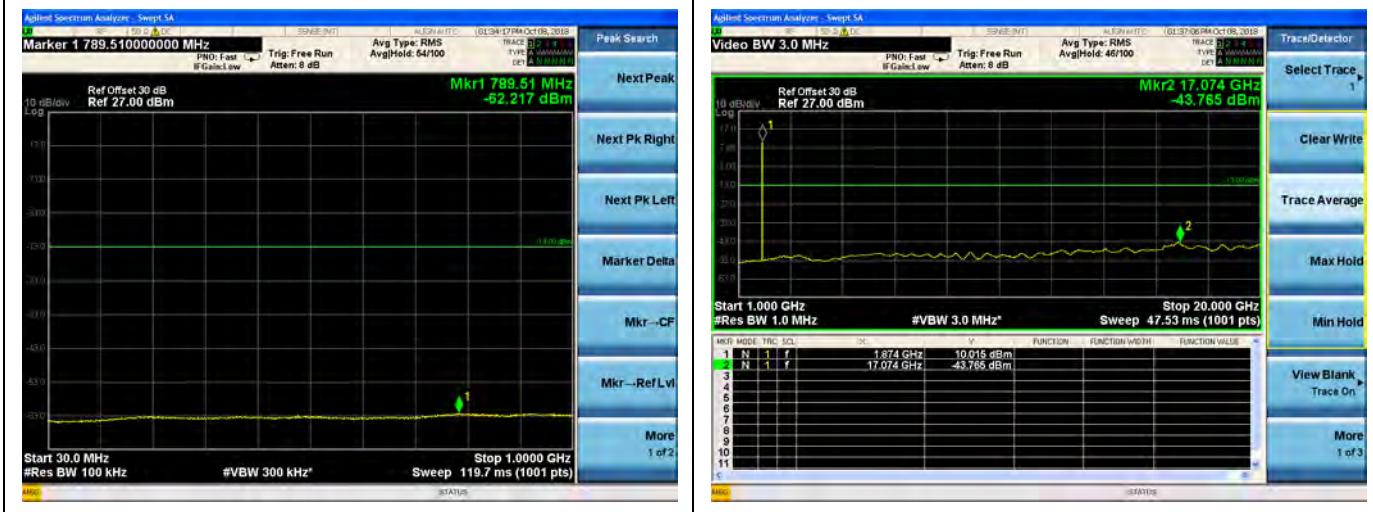


REPORT No.: SZ18080124W03

## LTE Band 2 5MHz BW Mid Channel QPSK



## 16QAM



MORLAB

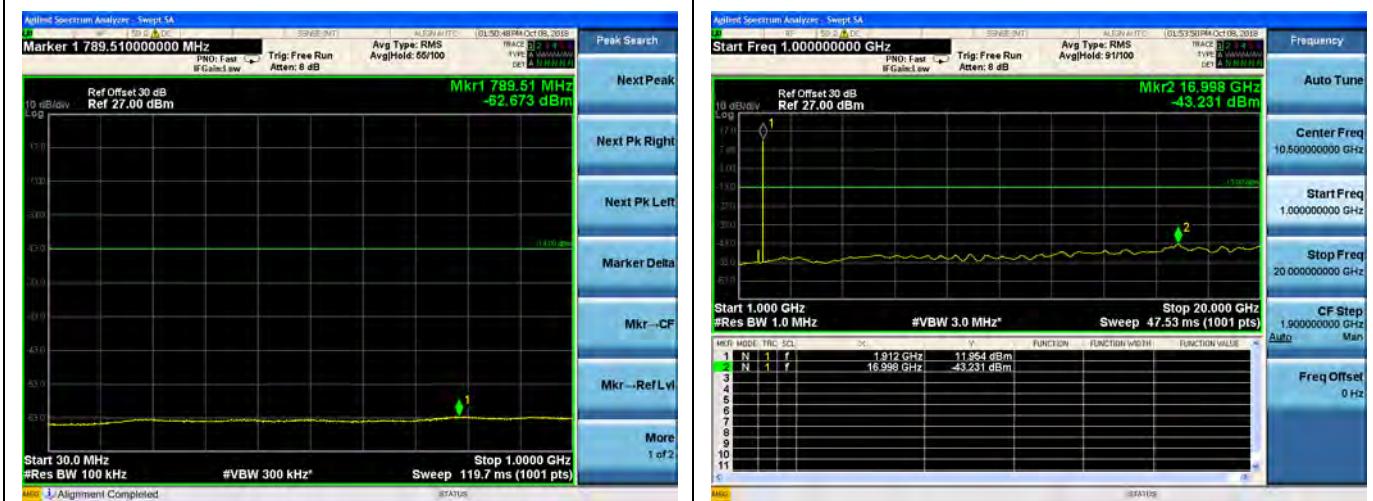
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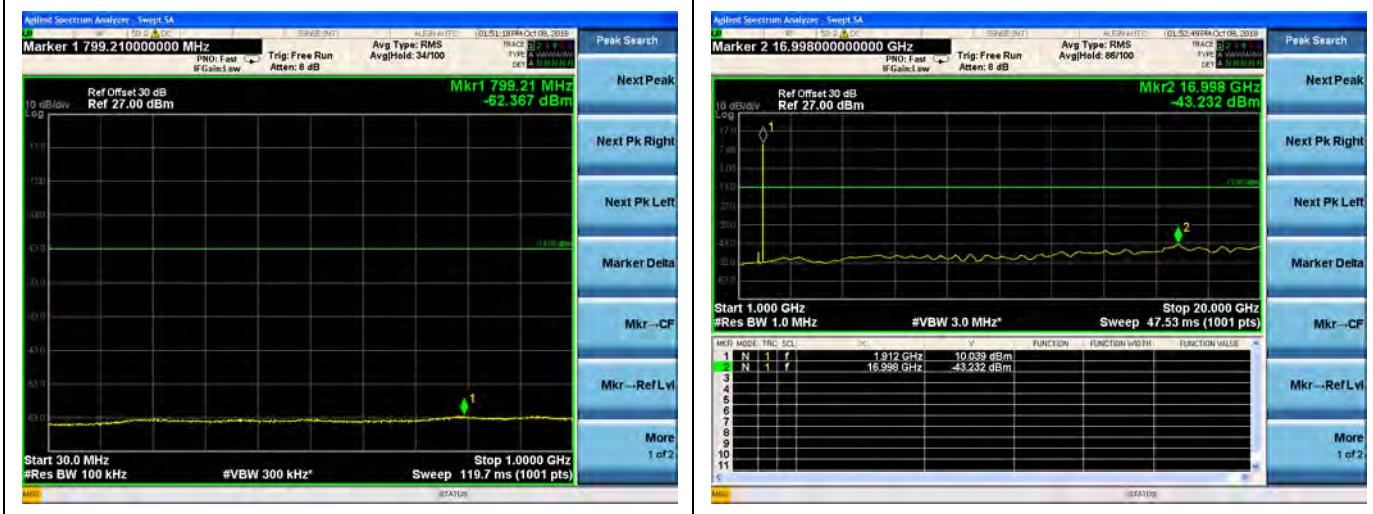


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## LTE Band 2 5MHz BW High Channel QPSK



## 16QAM



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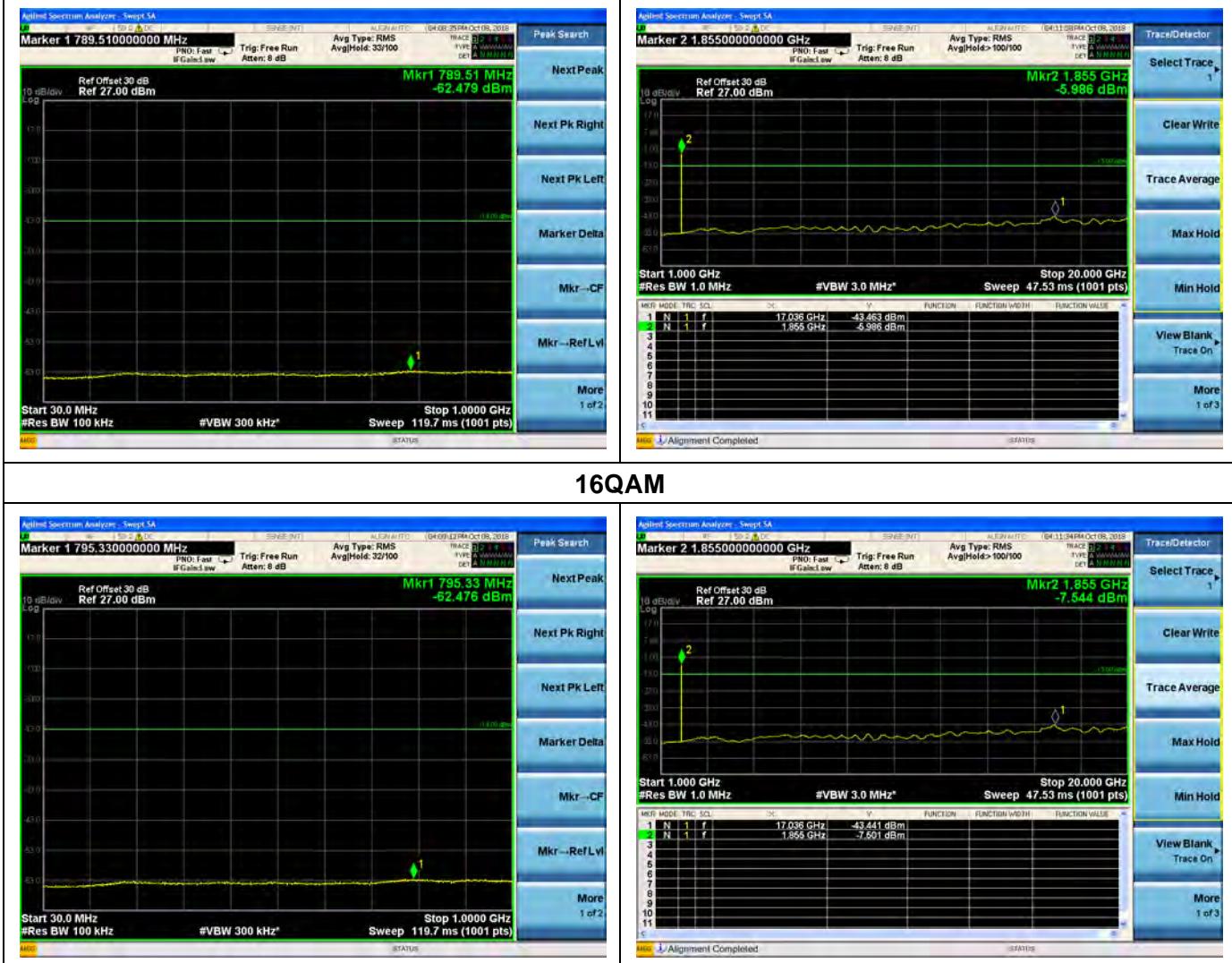
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## LTE Band 2 10MHz BW Low Channel QPSK



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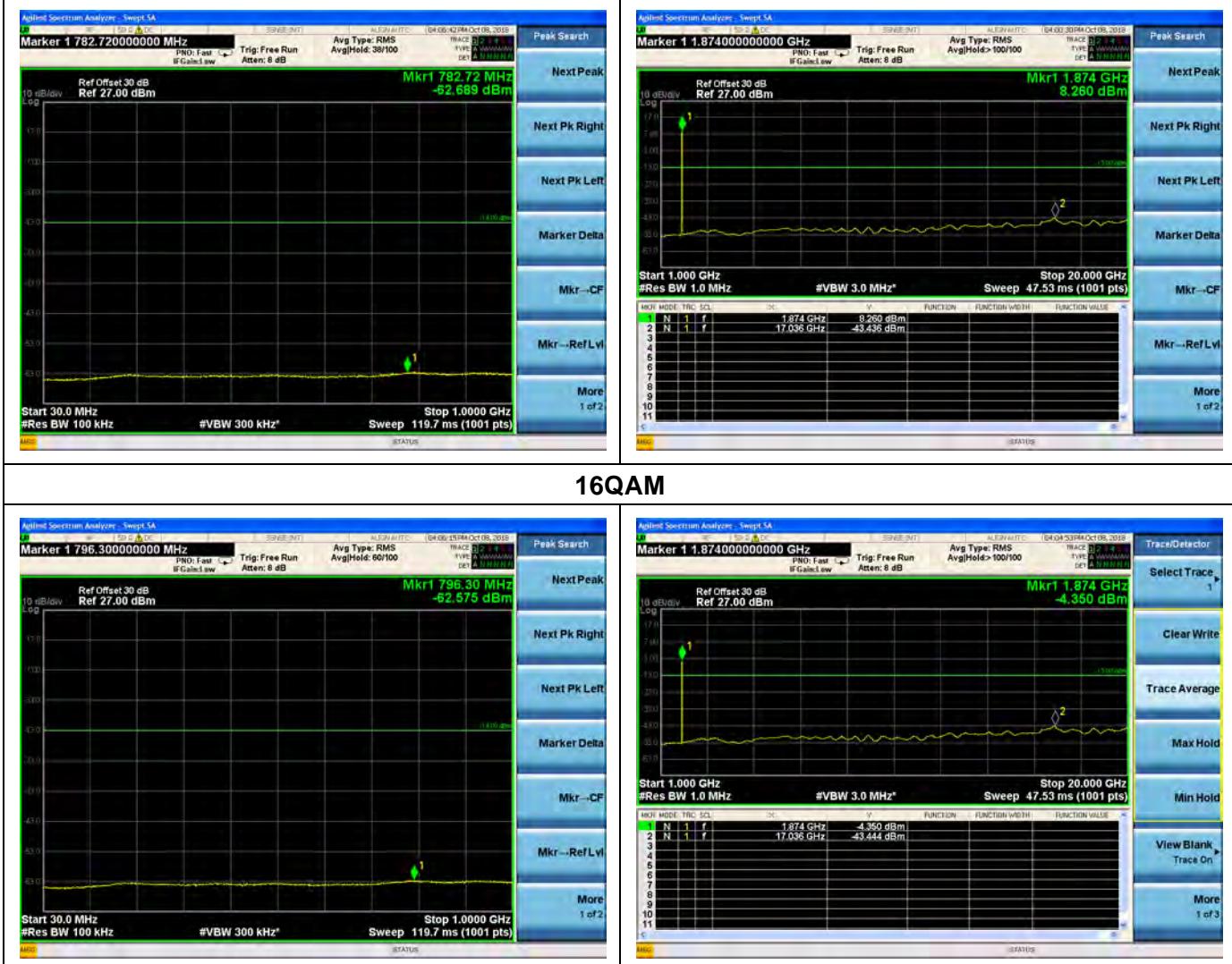
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## LTE Band 2 10MHz BW Mid Channel QPSK



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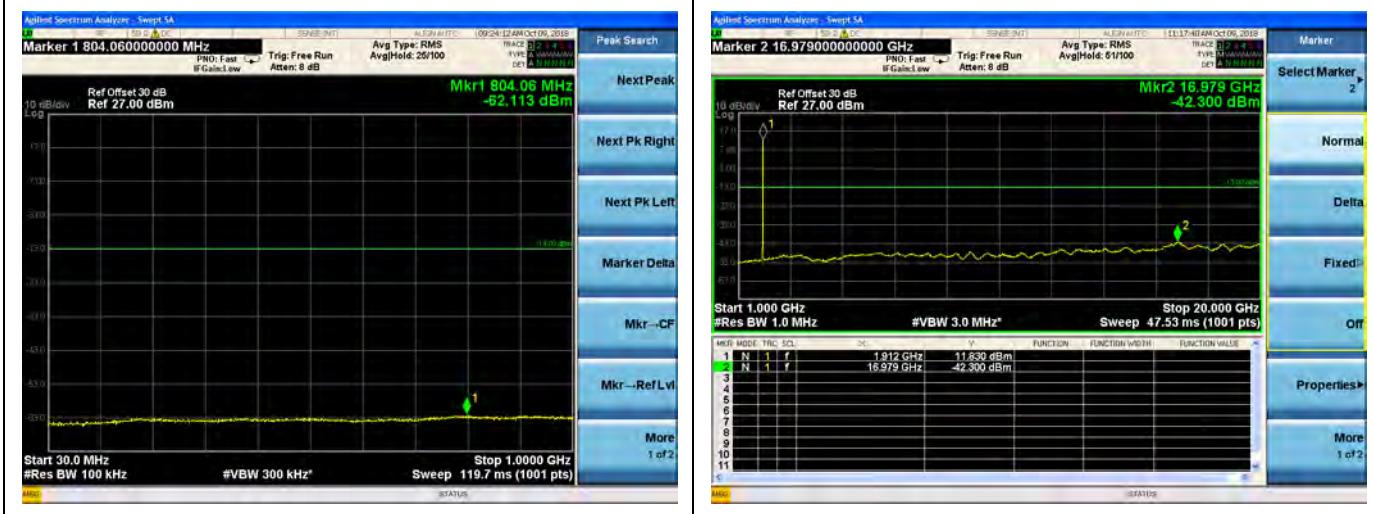


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## LTE Band 2 10MHz BW High Channel QPSK



## 16QAM



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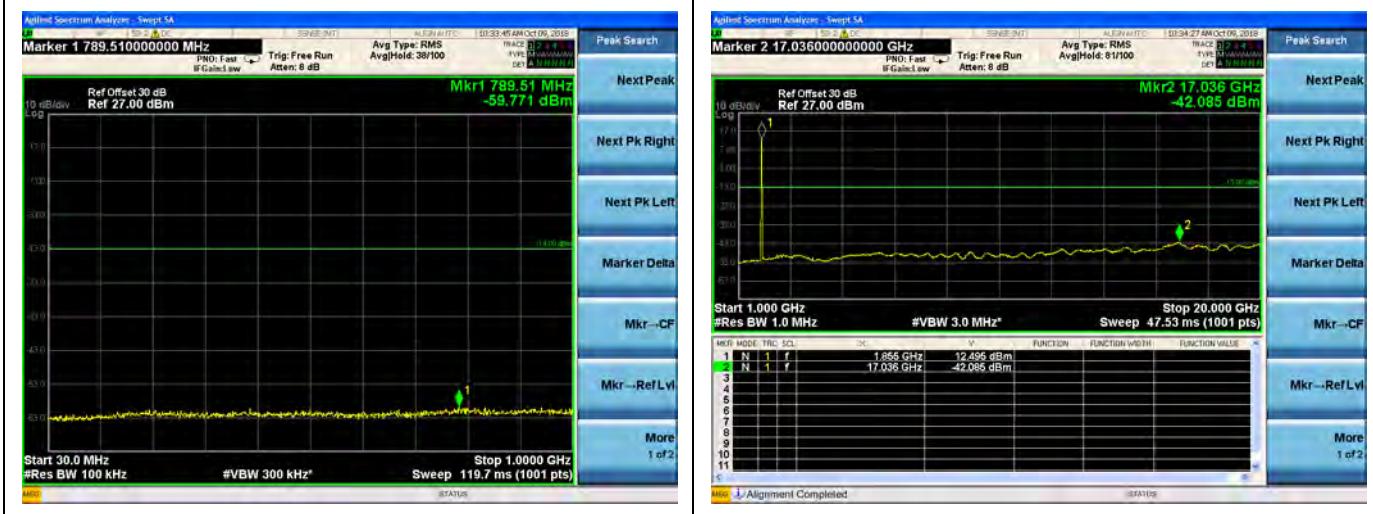
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## LTE Band 2    15MHz BW    Low Channel QPSK



## 16QAM



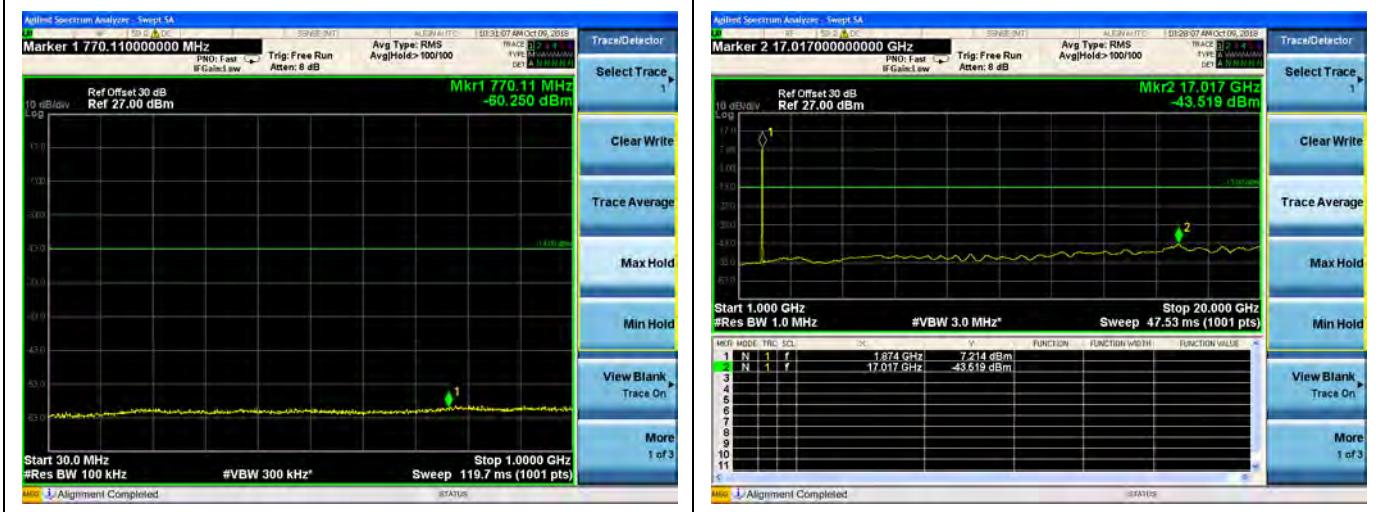


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## LTE Band 2 15MHz BW Mid Channel QPSK



## 16QAM



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## LTE Band 2 20MHz BW Low Channel QPSK



## LTE Band 2 20MHz BW Mid Channel QPSK



## 16QAM



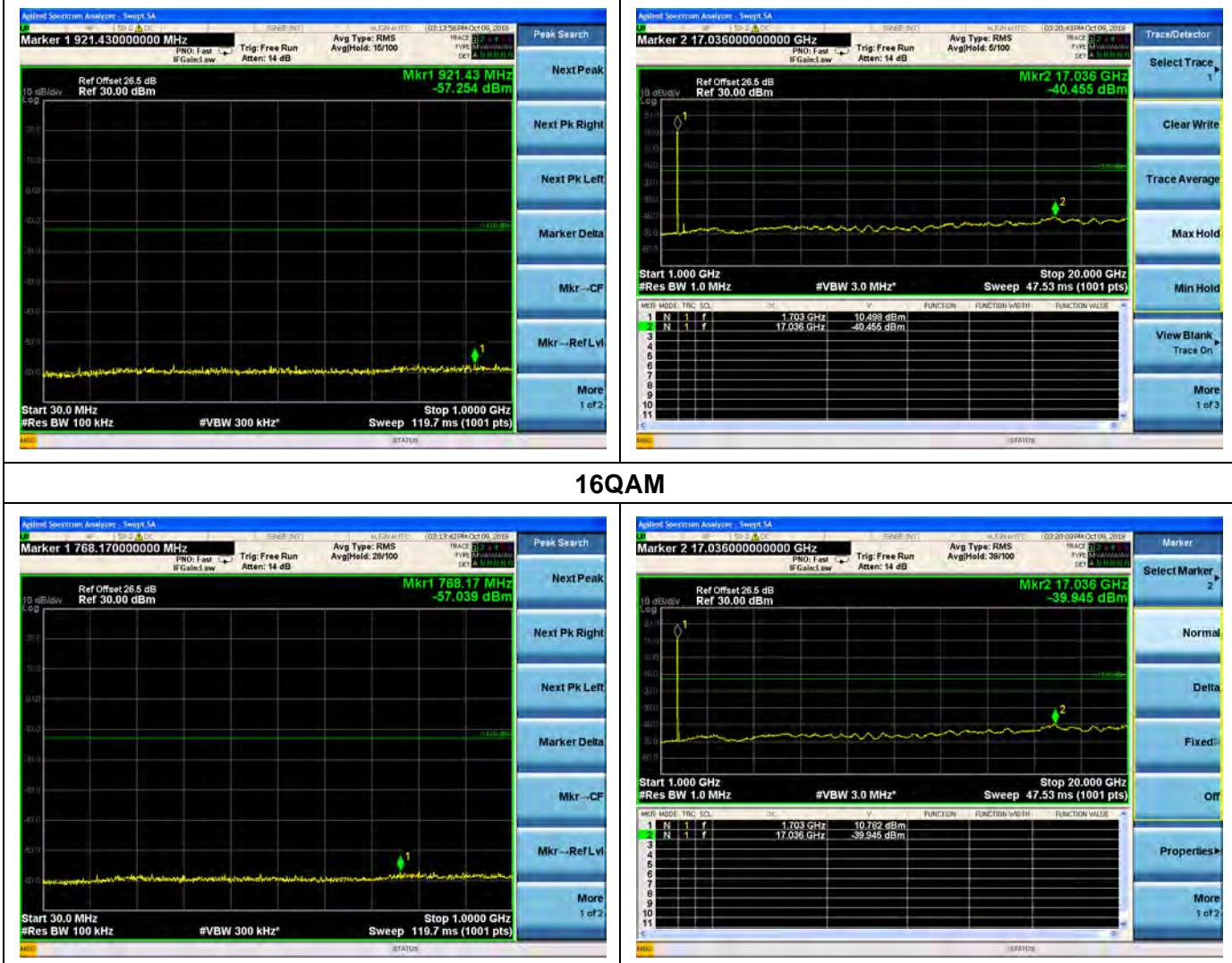
## LTE Band 2    20MHz BW    High Channel QPSK





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## LTE Band 4 1.4MHz BW Low Channel QPSK



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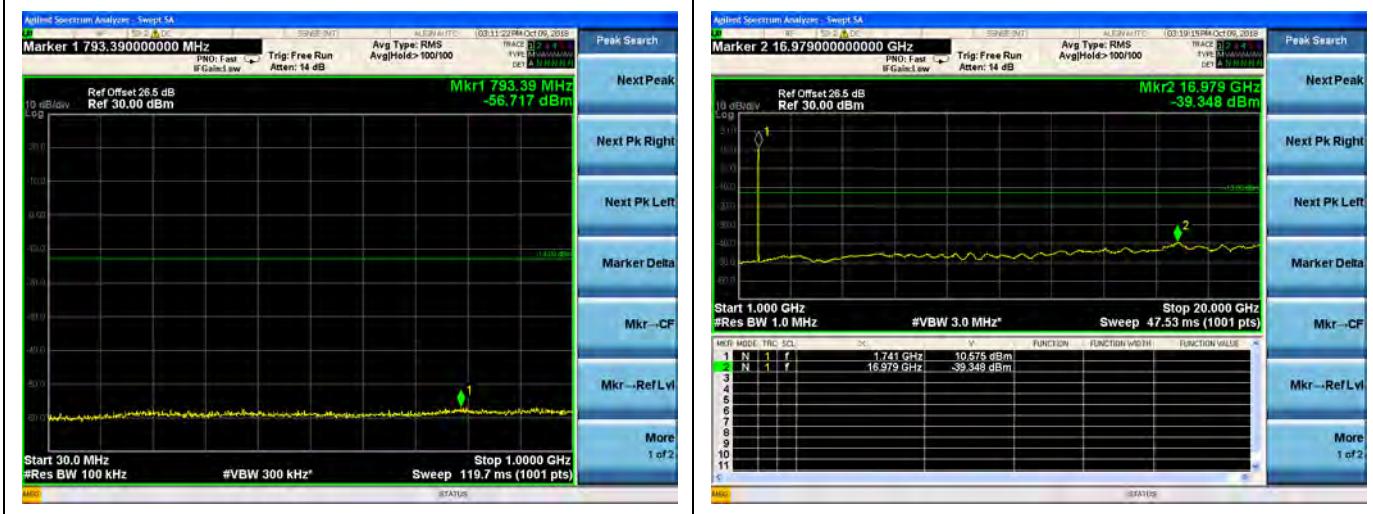


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## LTE Band 4 1.4MHz BW Mid Channel QPSK



## 16QAM



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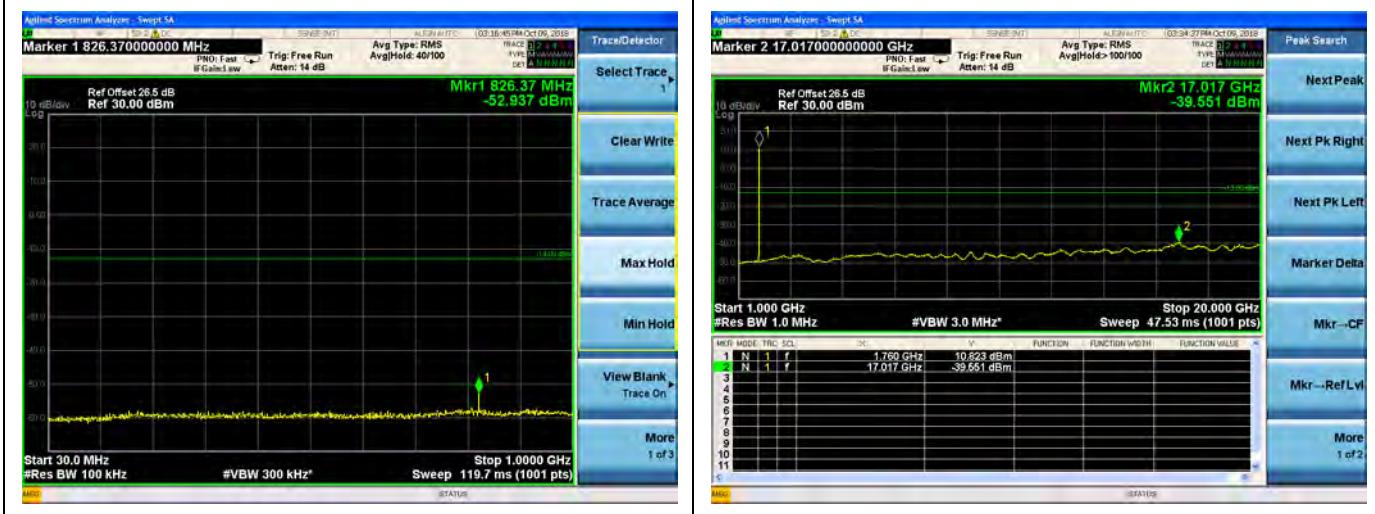


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## LTE Band 4 1.4MHz BW High Channel QPSK



## 16QAM



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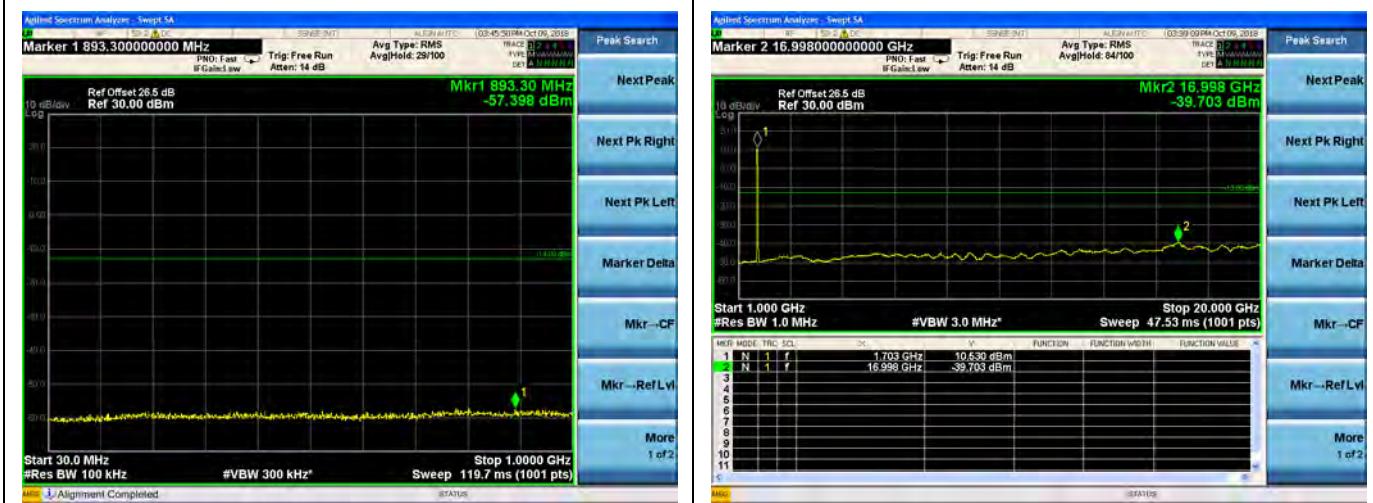
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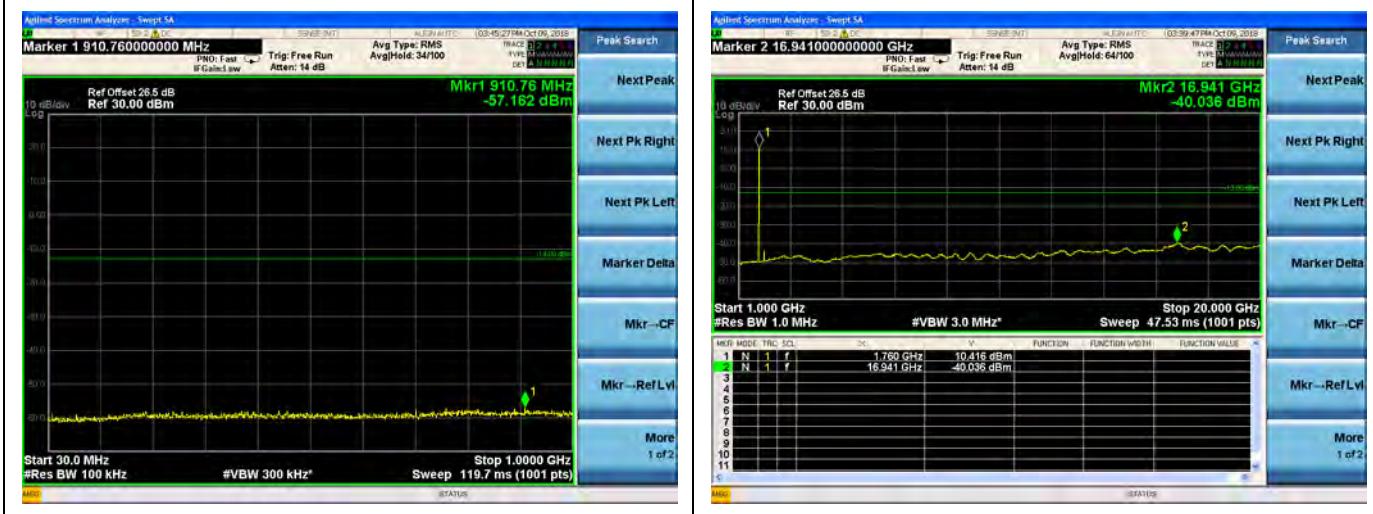


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## LTE Band 4 3MHz BW Low Channel QPSK



## 16QAM



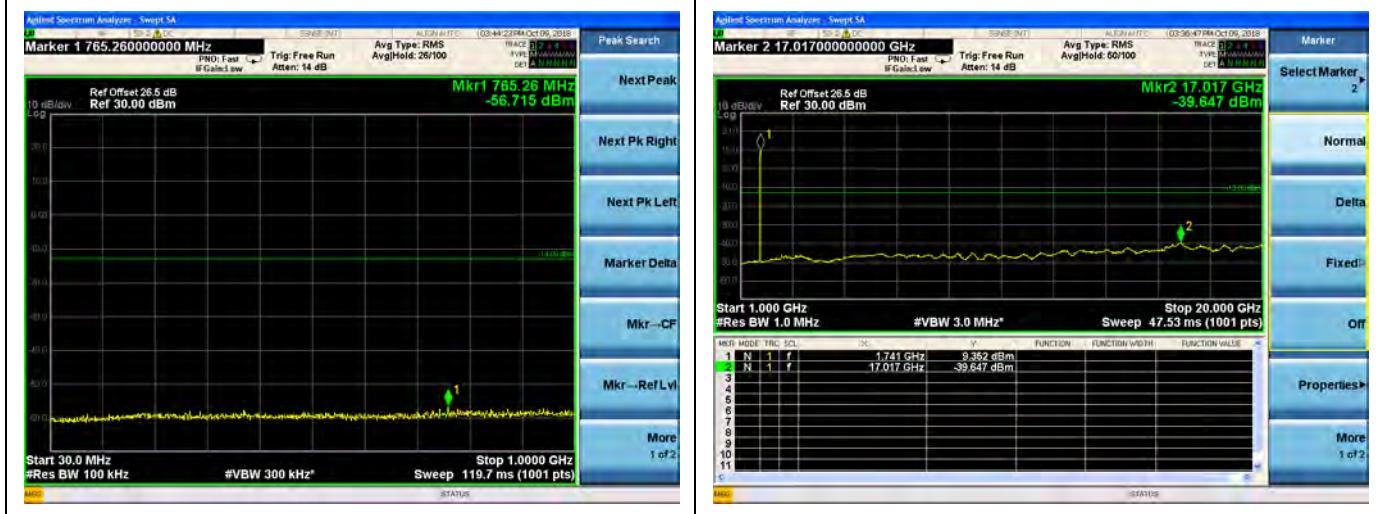
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LTE Band 4 3MHz BW Mid Channel  
 QPSK


## 16QAM



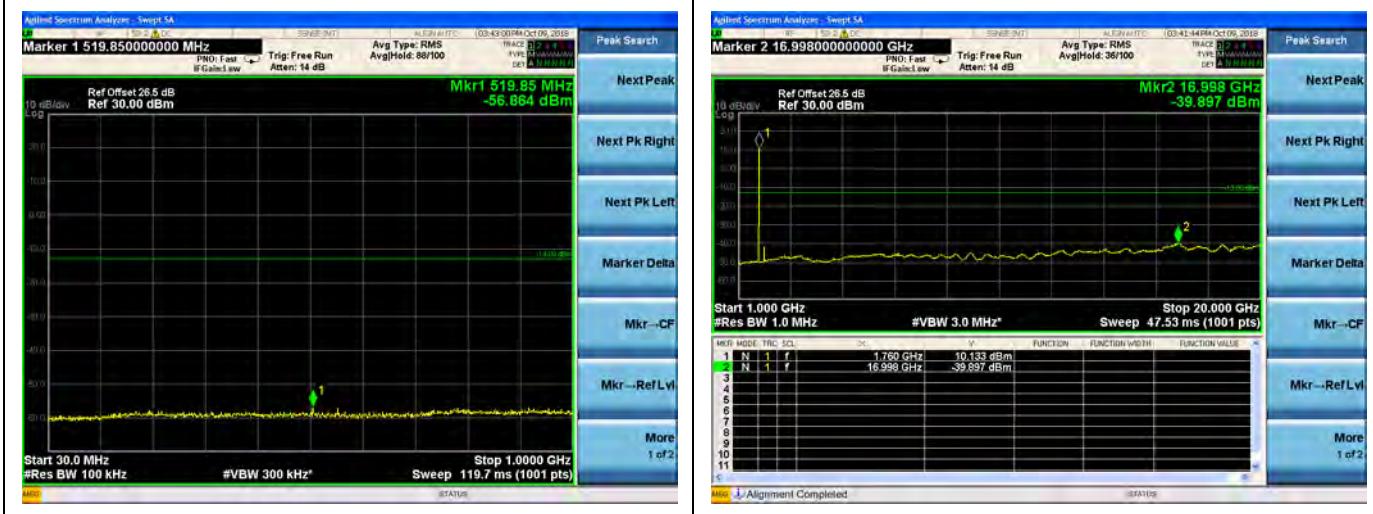


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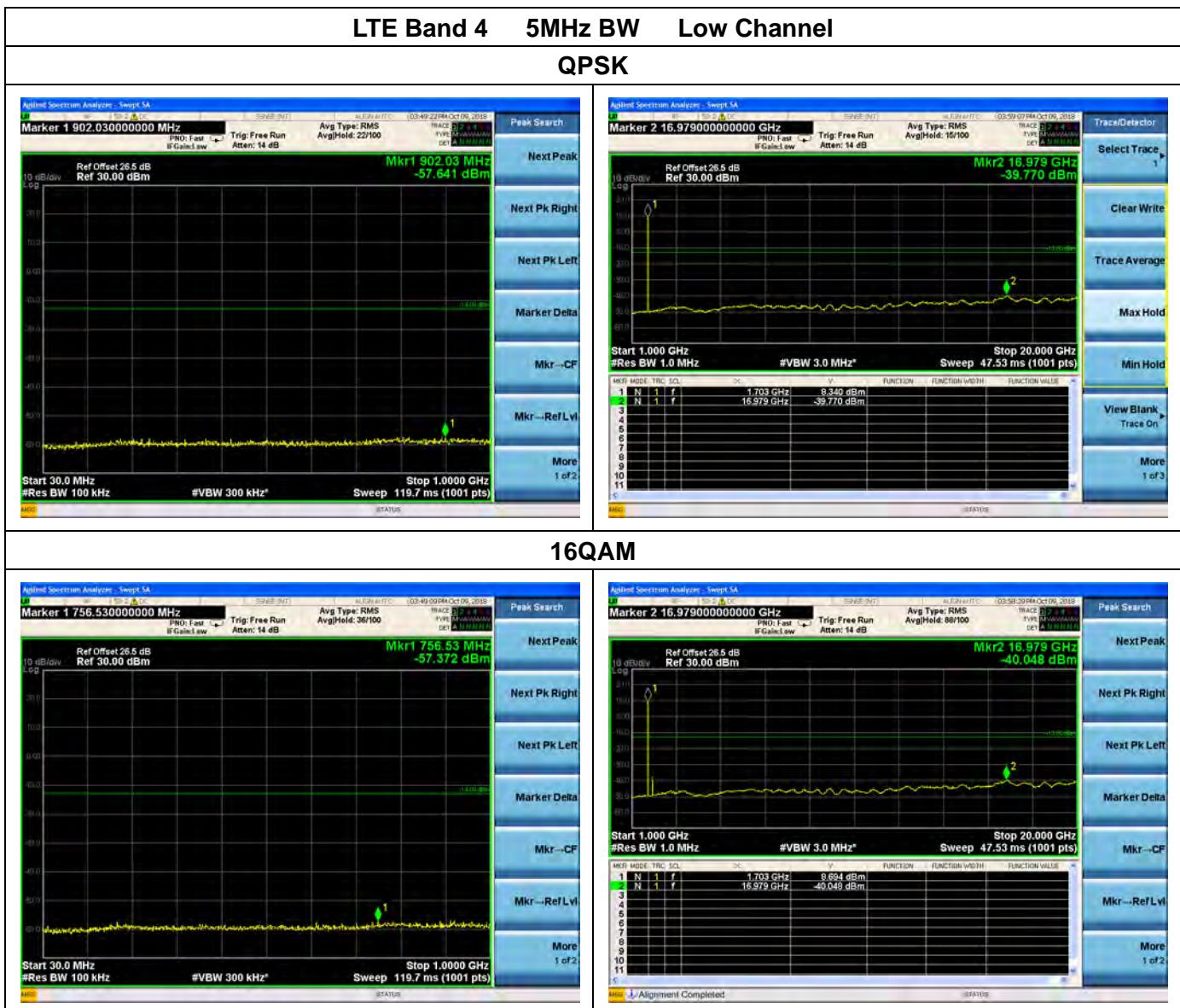
## 16QAM



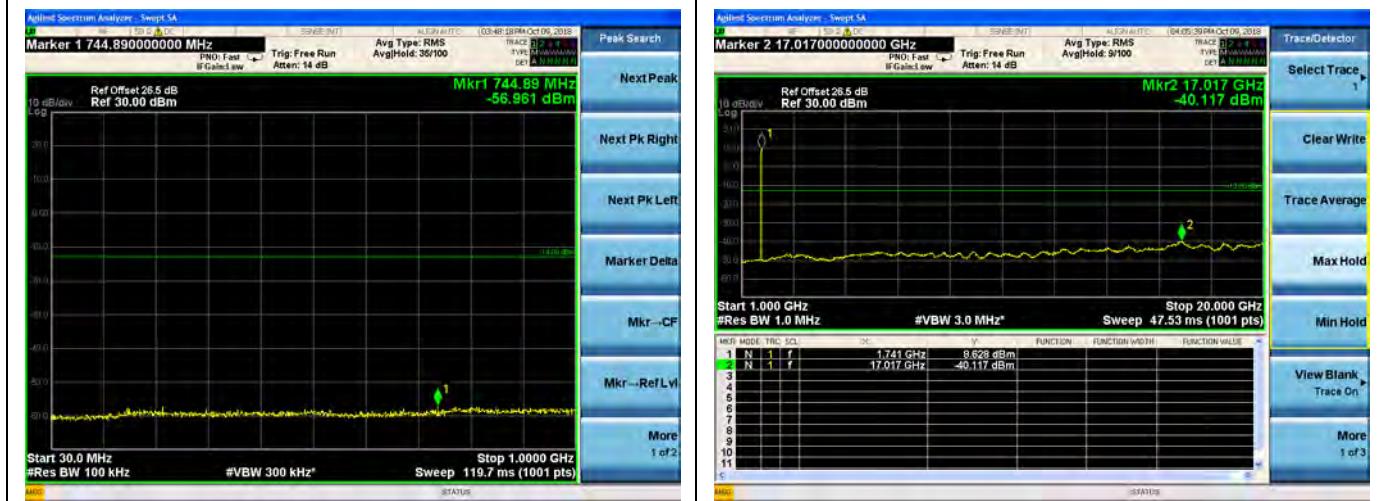
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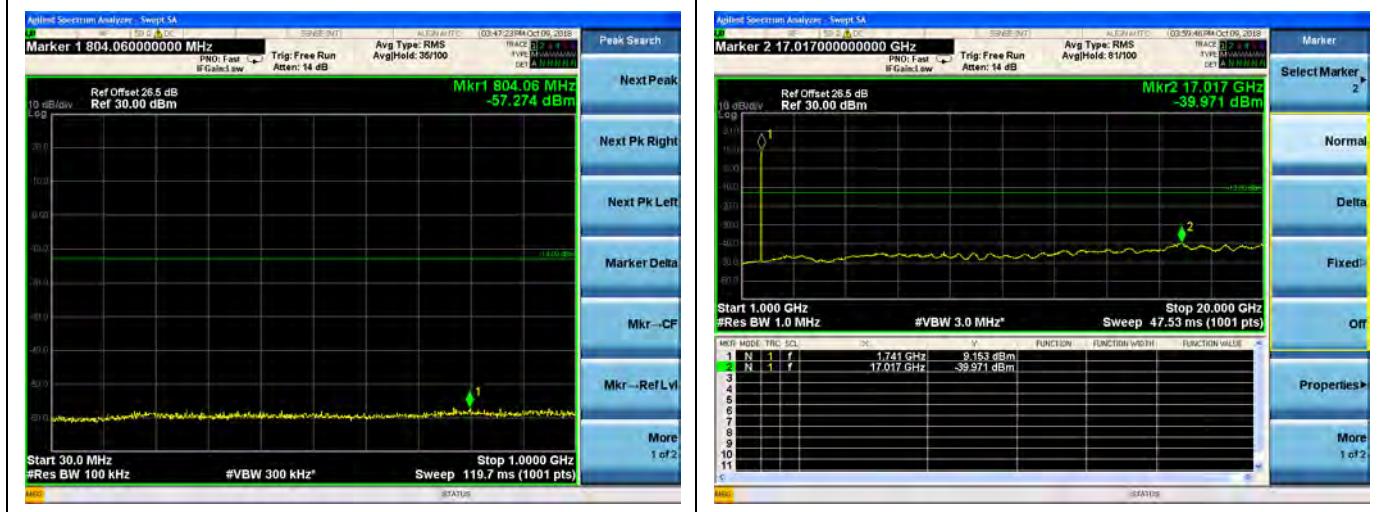
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## LTE Band 4    5MHz BW    Mid Channel QPSK



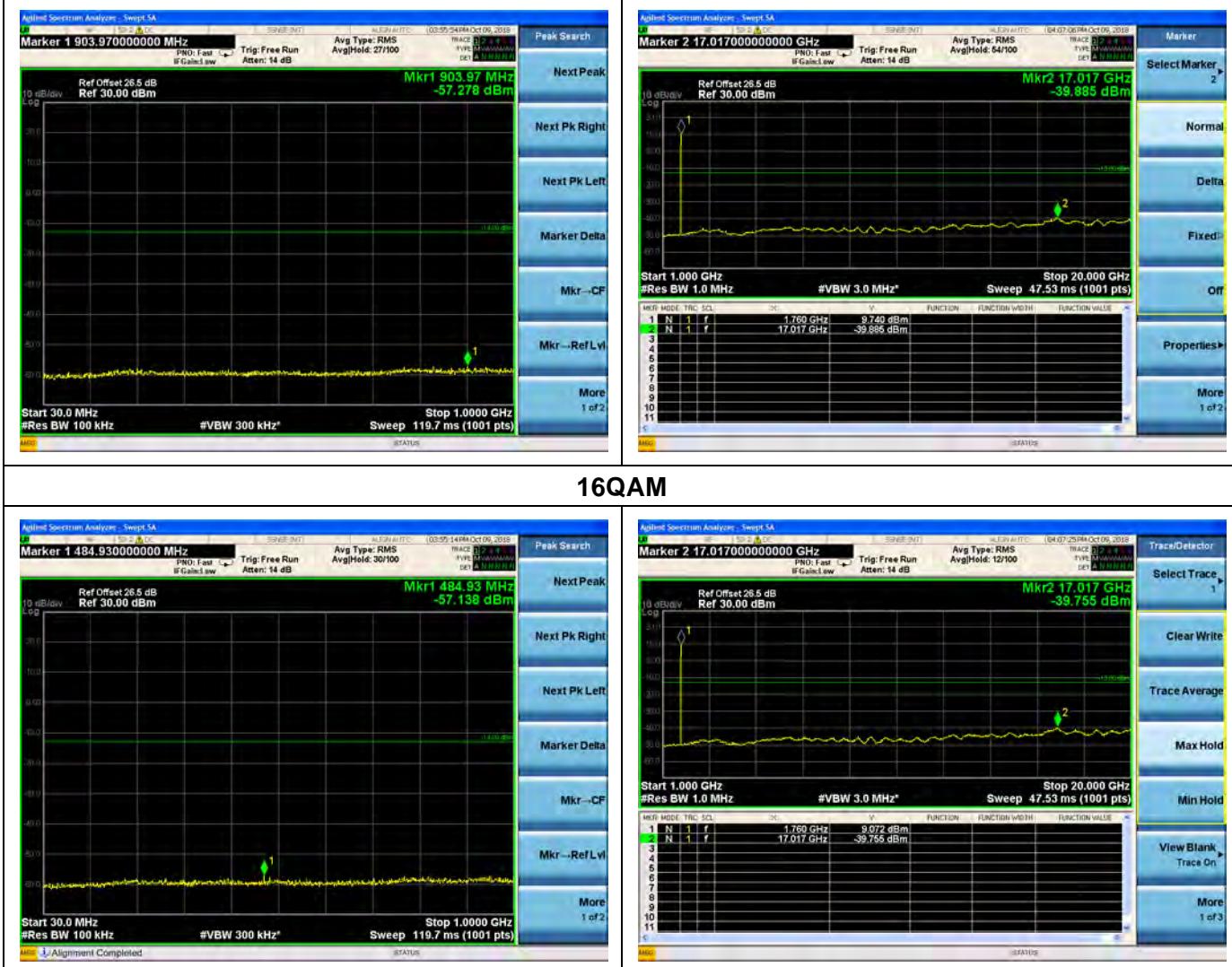
## 16QAM





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## LTE Band 4 5MHz BW High Channel QPSK

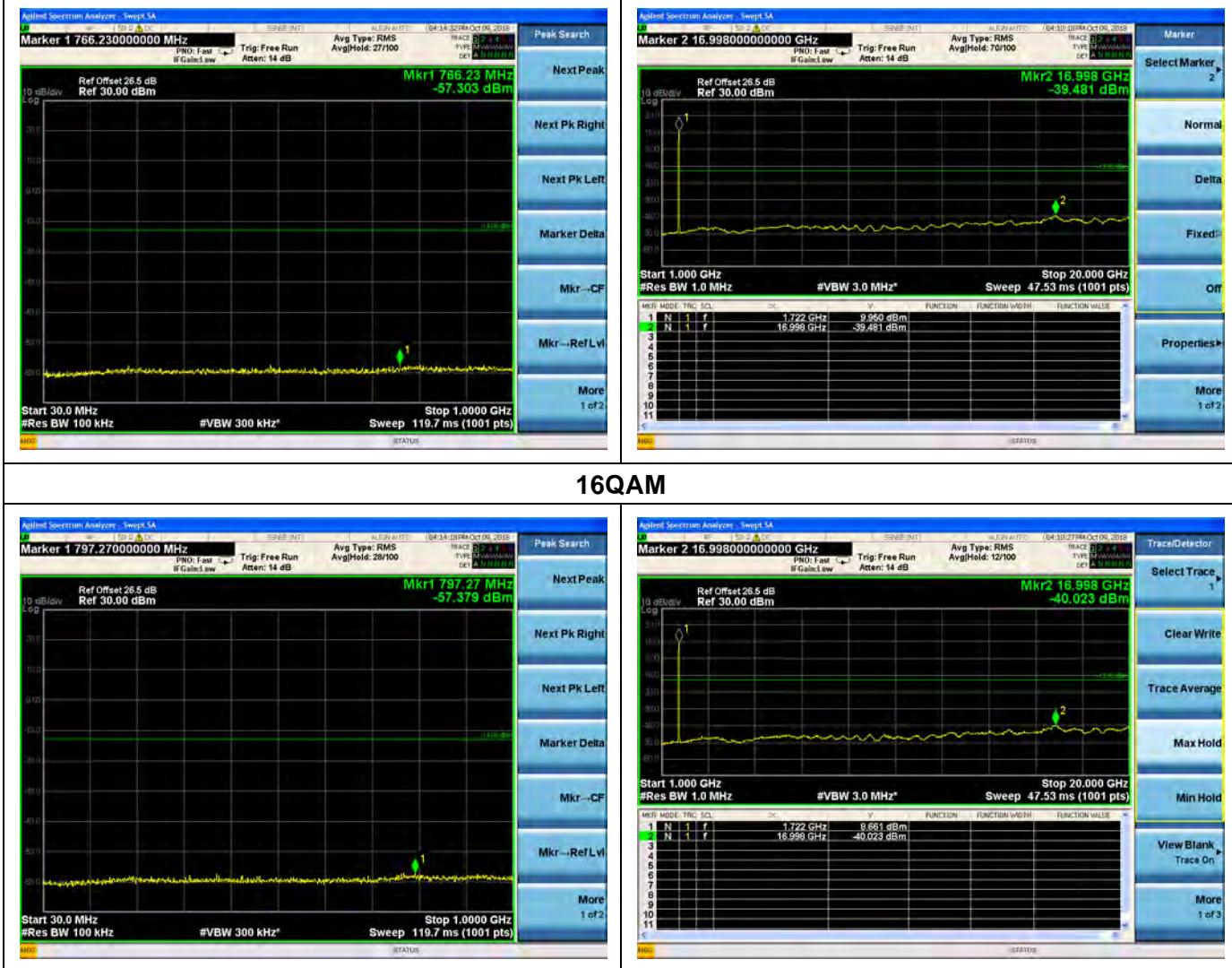


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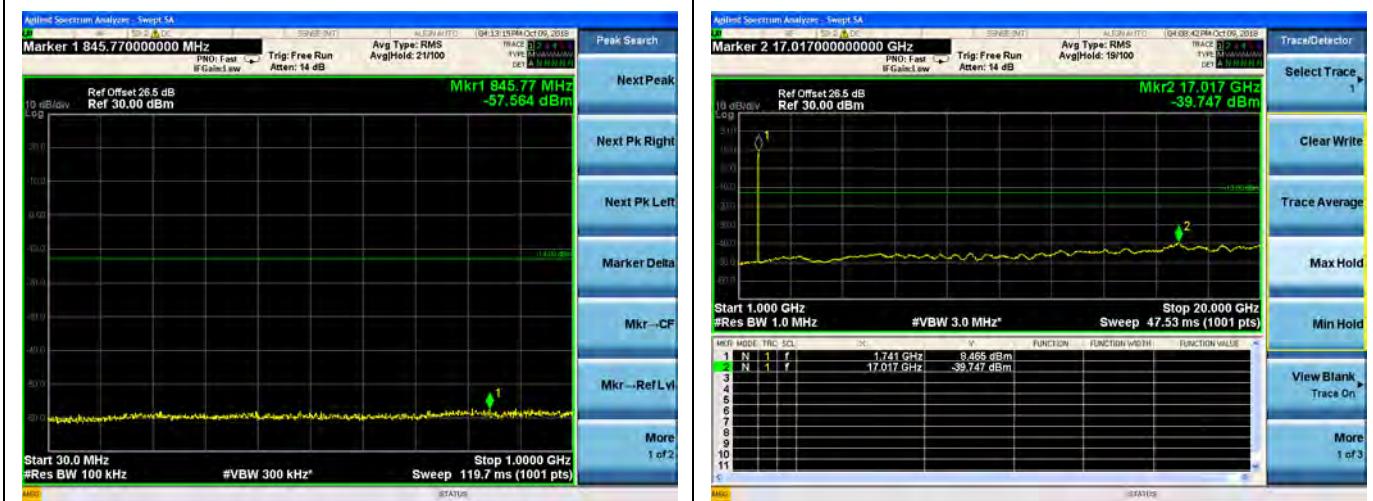
## LTE Band 4    10MHz BW    Low Channel QPSK



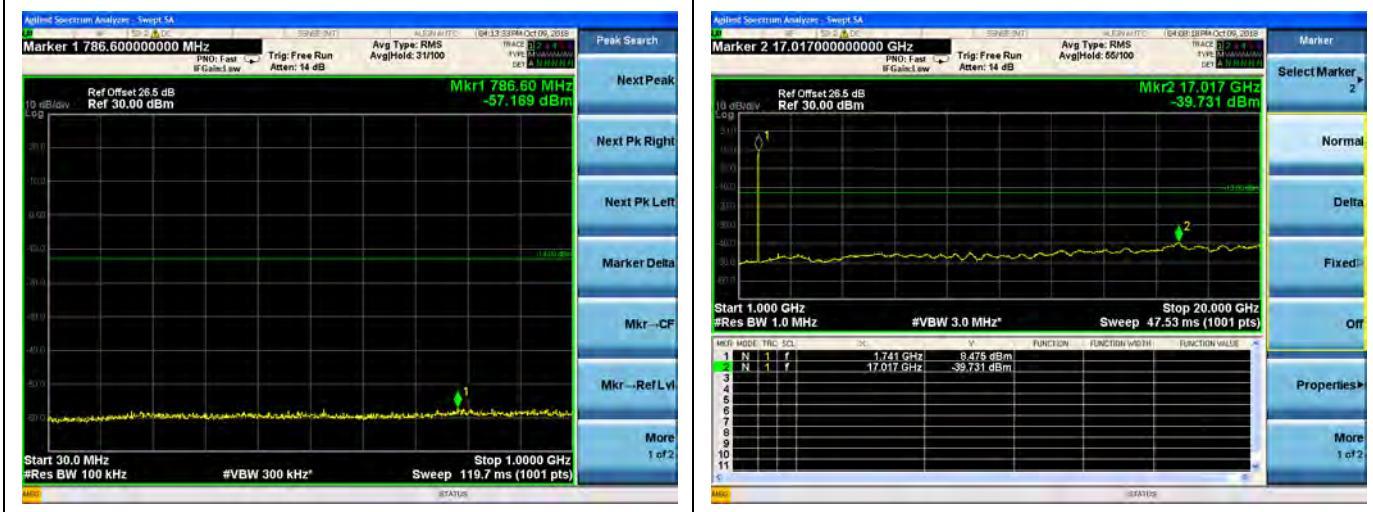


REPORT No.: SZ18080124W03

## LTE Band 4 10MHz BW Mid Channel QPSK



## 16QAM



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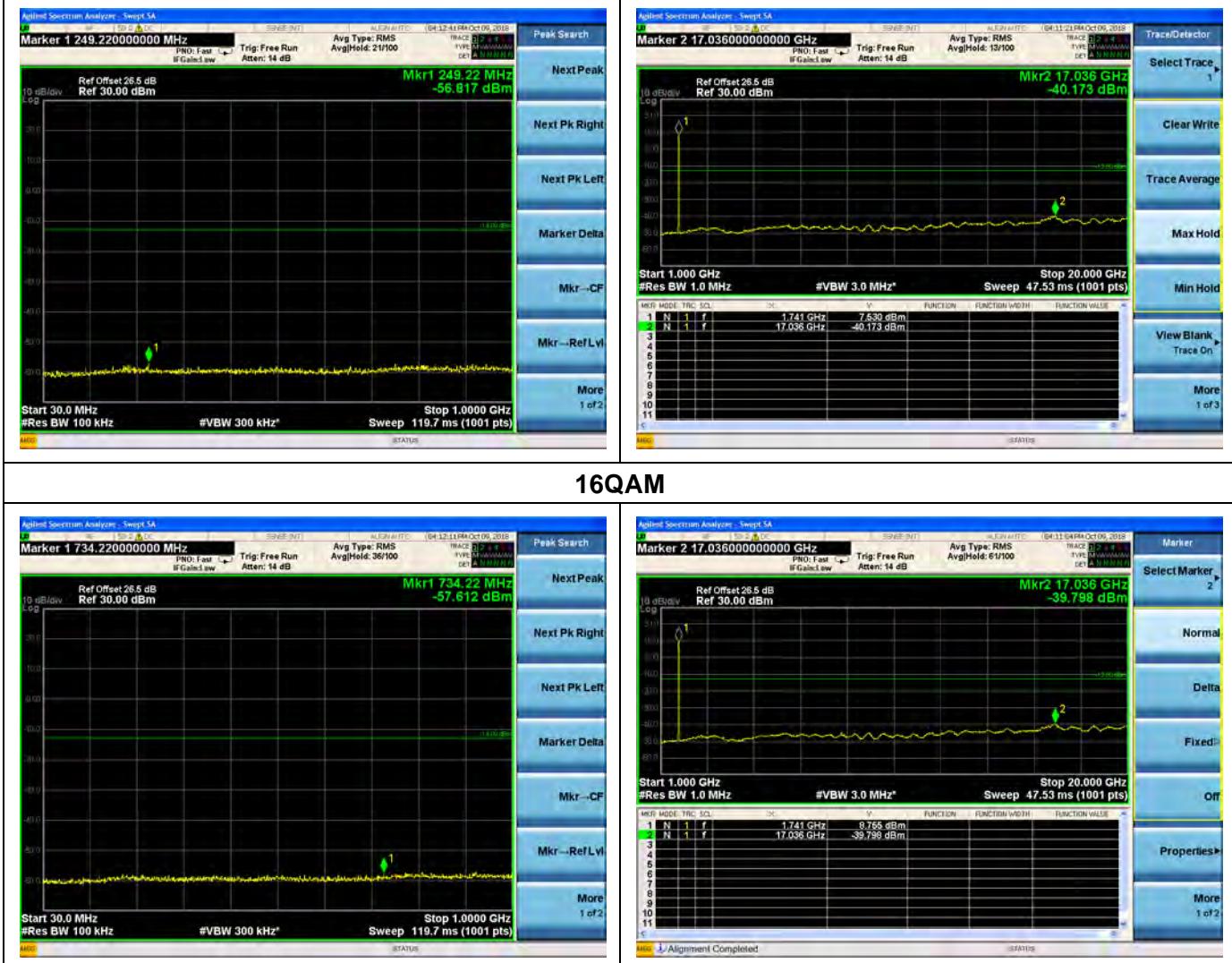
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## LTE Band 4    10MHz BW    High Channel QPSK

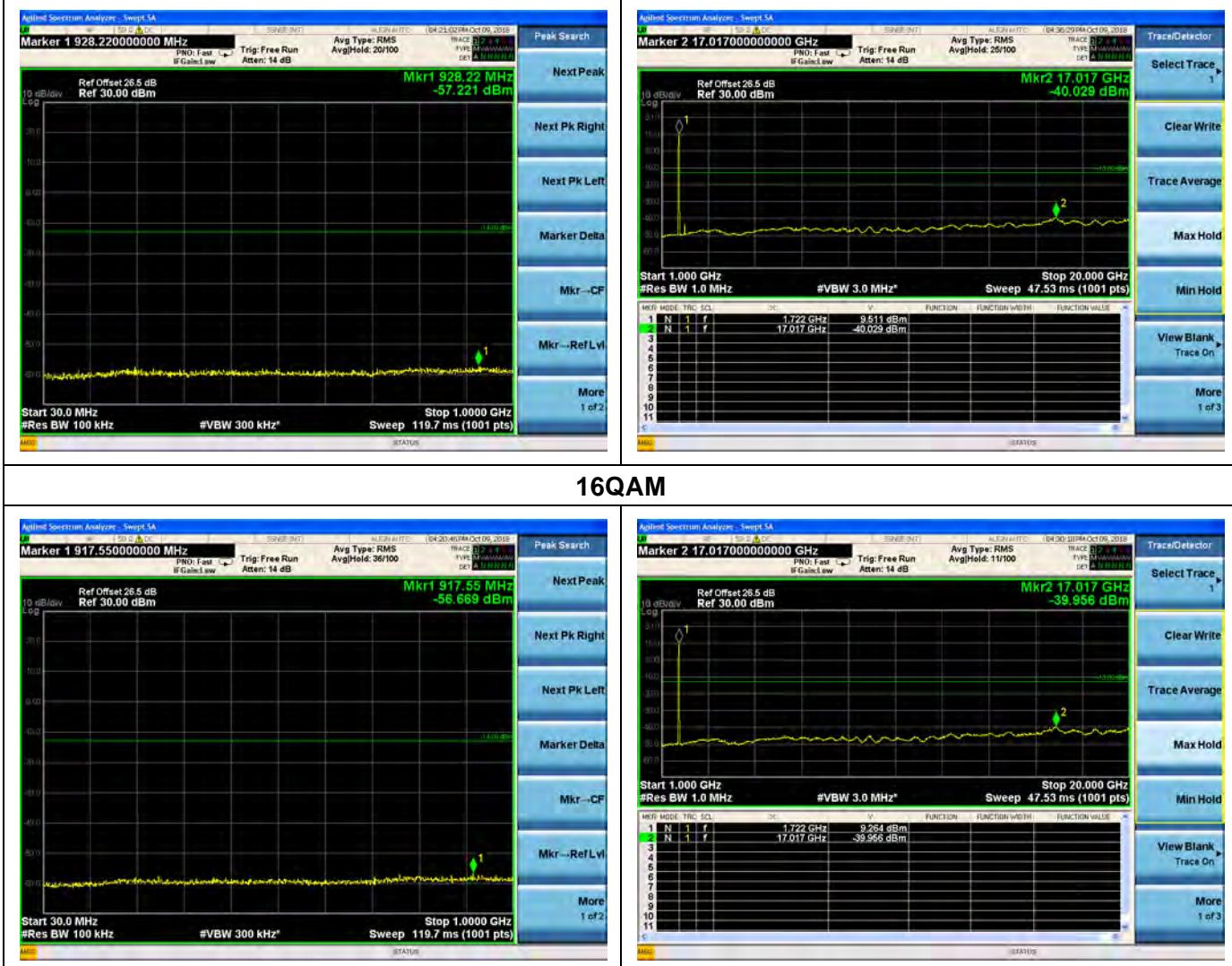


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## LTE Band 4    15MHz BW    Low Channel QPSK



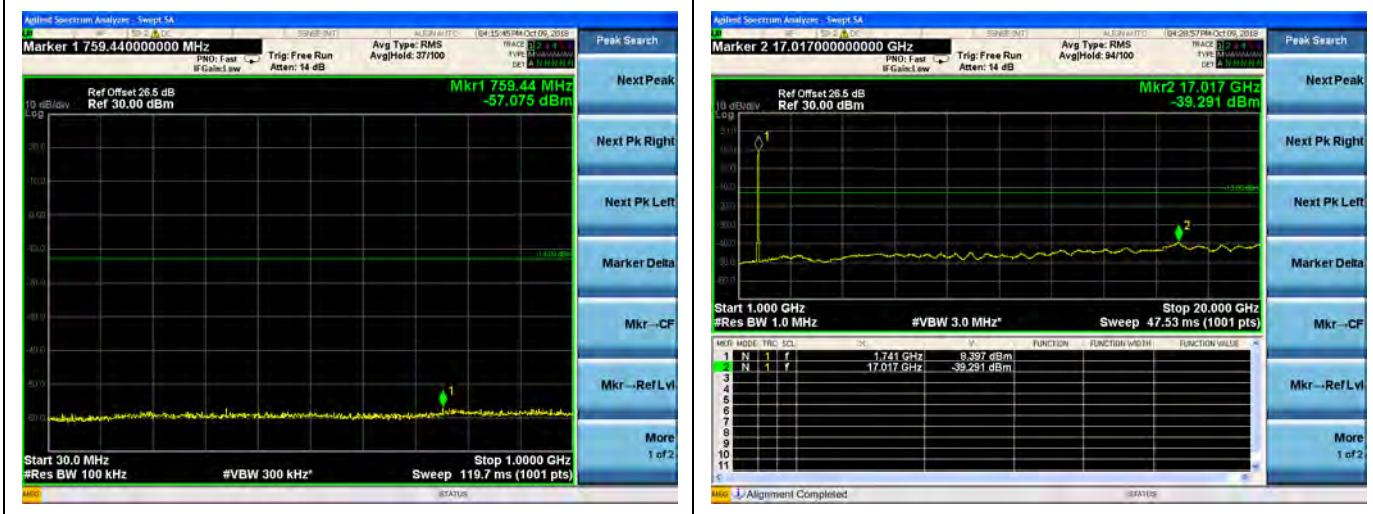


REPORT No.: SZ18080124W03

## LTE Band 4 15MHz BW Mid Channel QPSK



## 16QAM



MORLAB

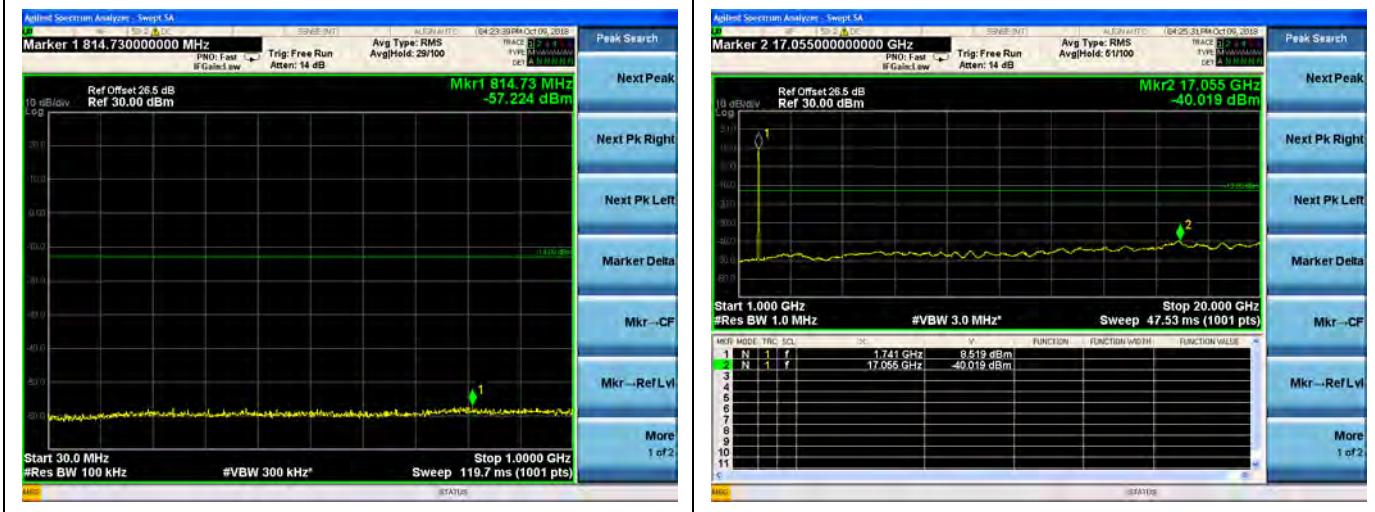
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## LTE Band 4    15MHz BW    High Channel QPSK



## 16QAM



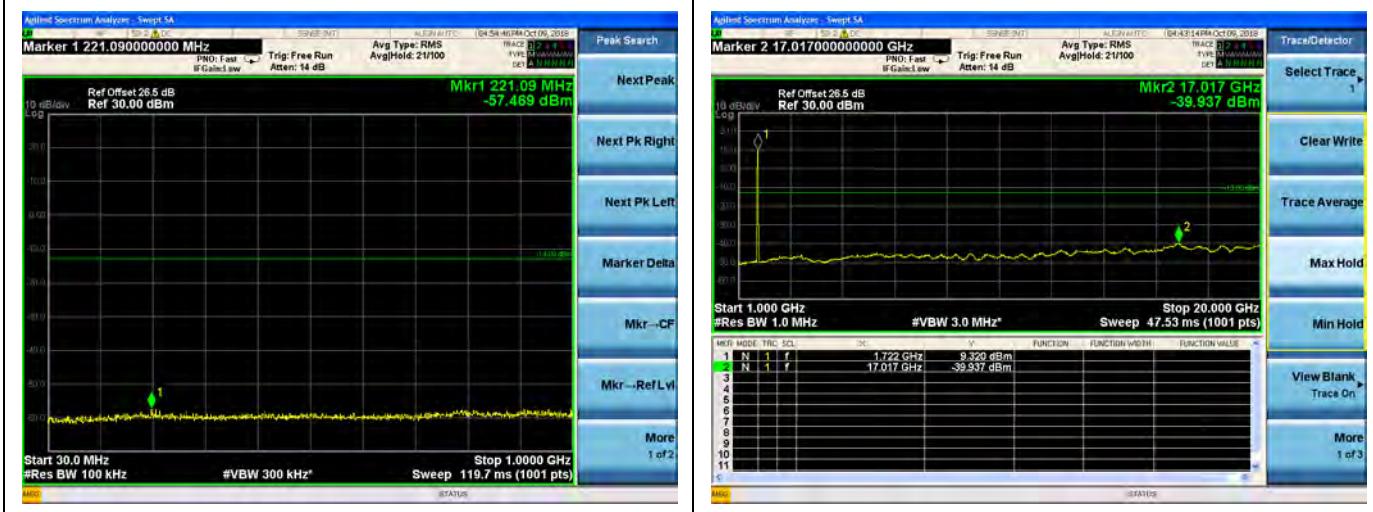


REPORT No.: SZ18080124W03

## LTE Band 4 20MHz BW Low Channel QPSK



## 16QAM



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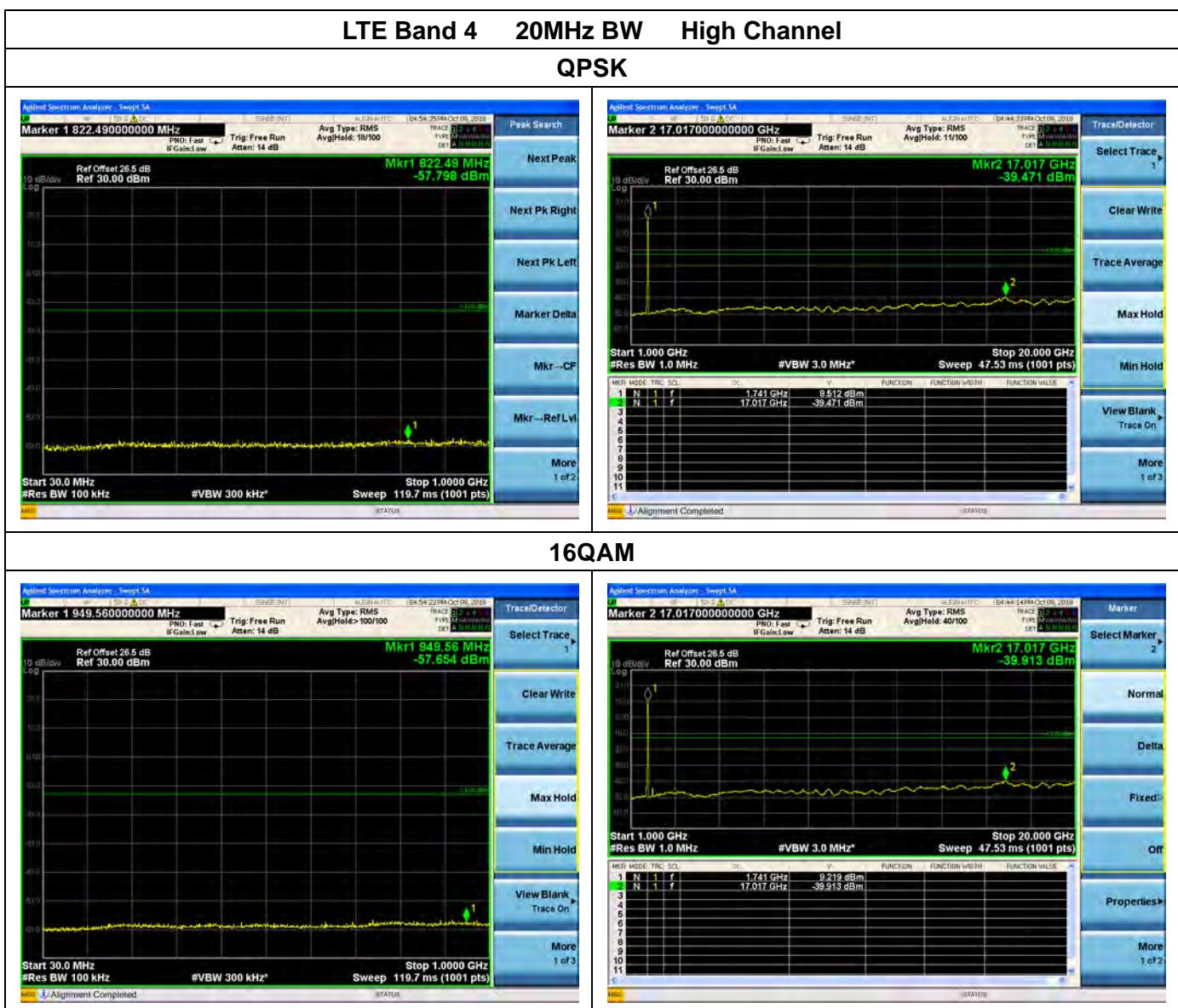
## LTE Band 4 20MHz BW Mid Channel QPSK



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## LTE Band 5 1.4MHz BW Low Channel QPSK



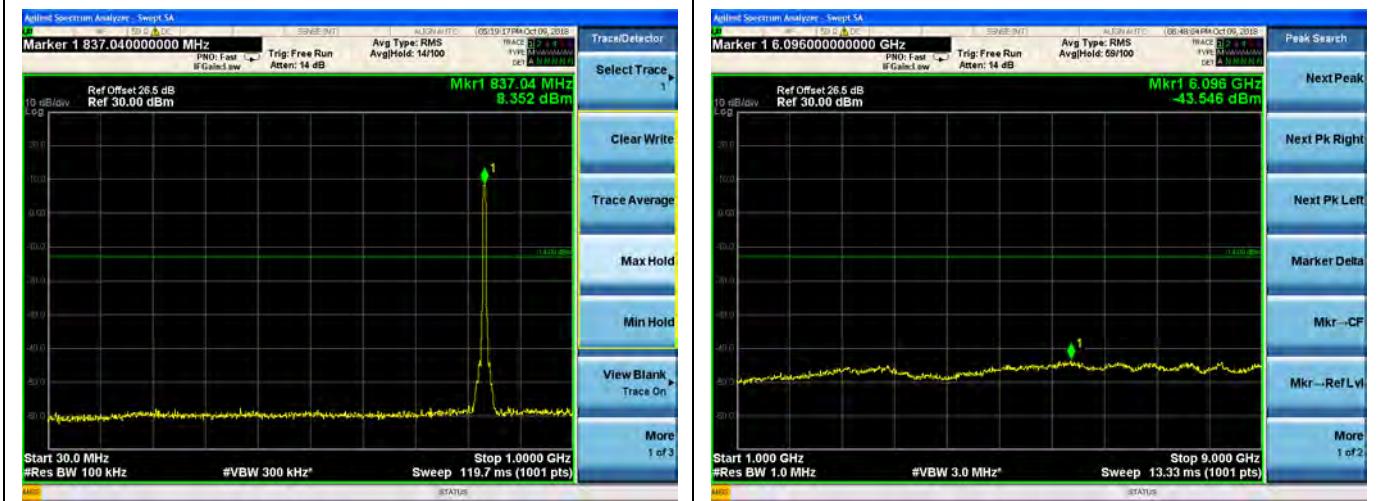
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LTE Band 5 1.4MHz BW Mid Channel  
 QPSK


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## LTE Band 5 1.4MHz BW High Channel QPSK



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## LTE Band 5 3MHz BW Low Channel QPSK



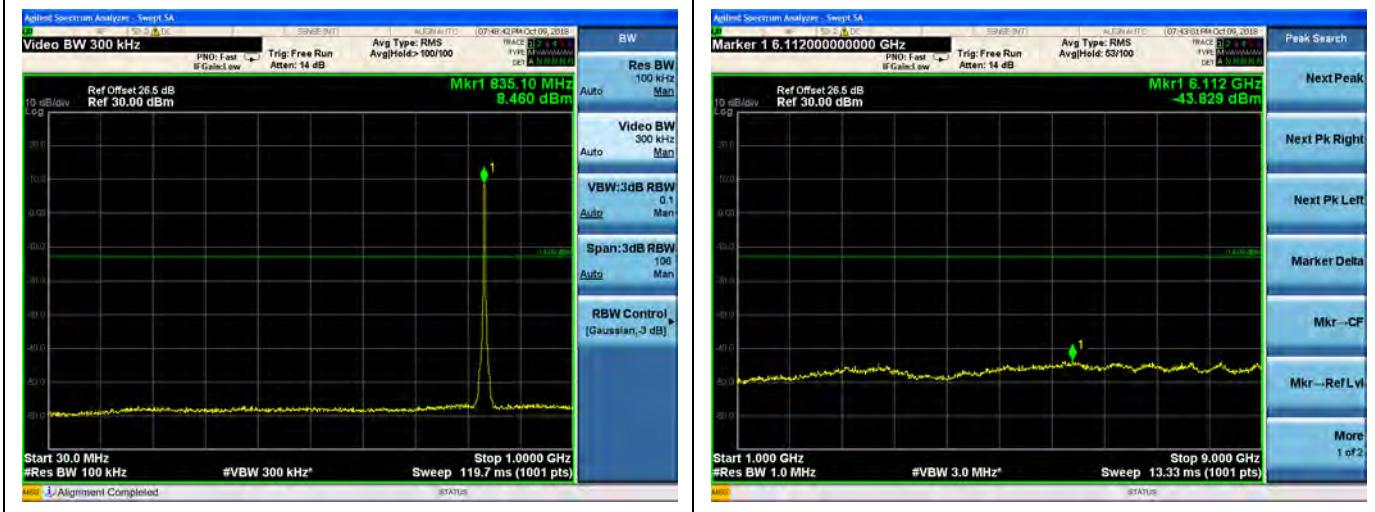
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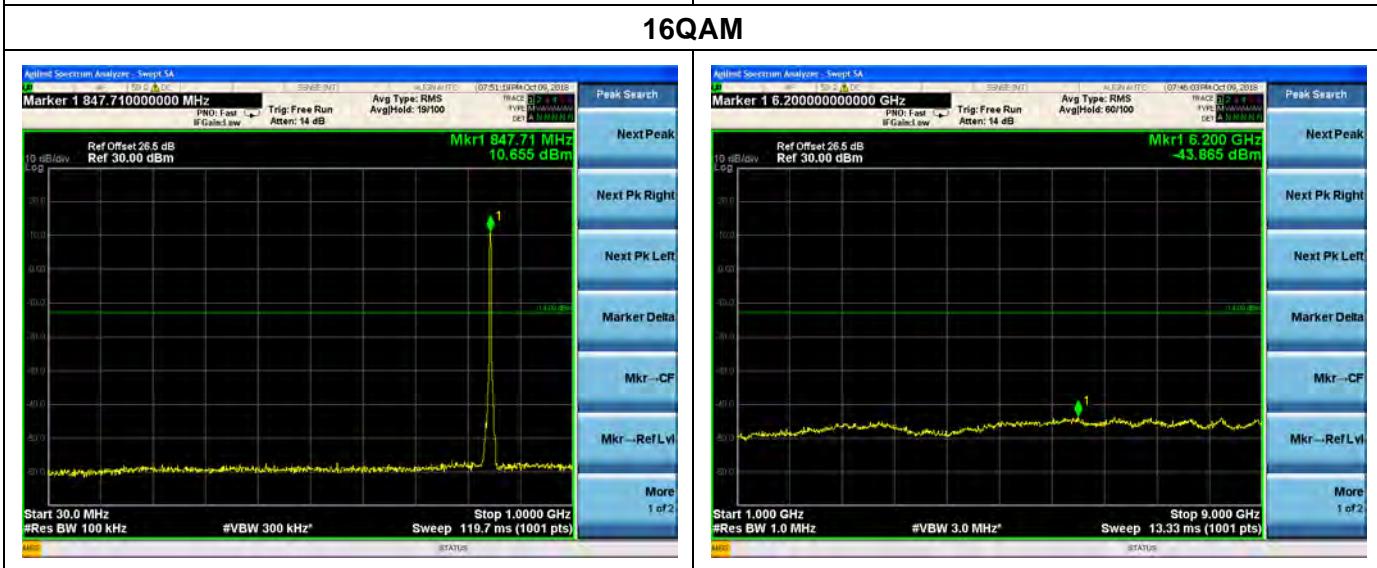
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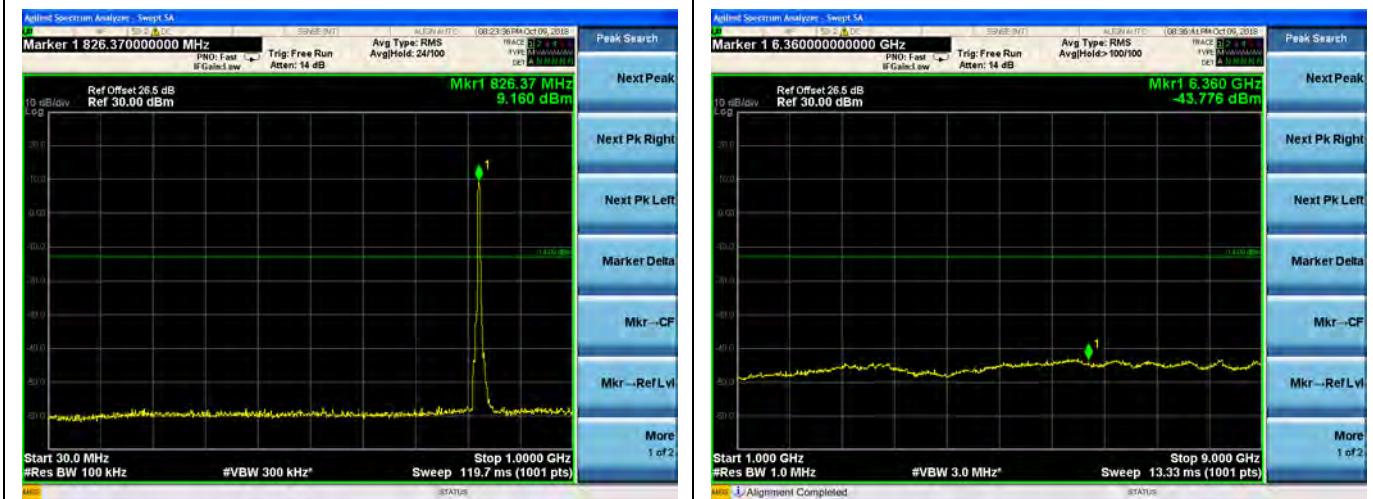
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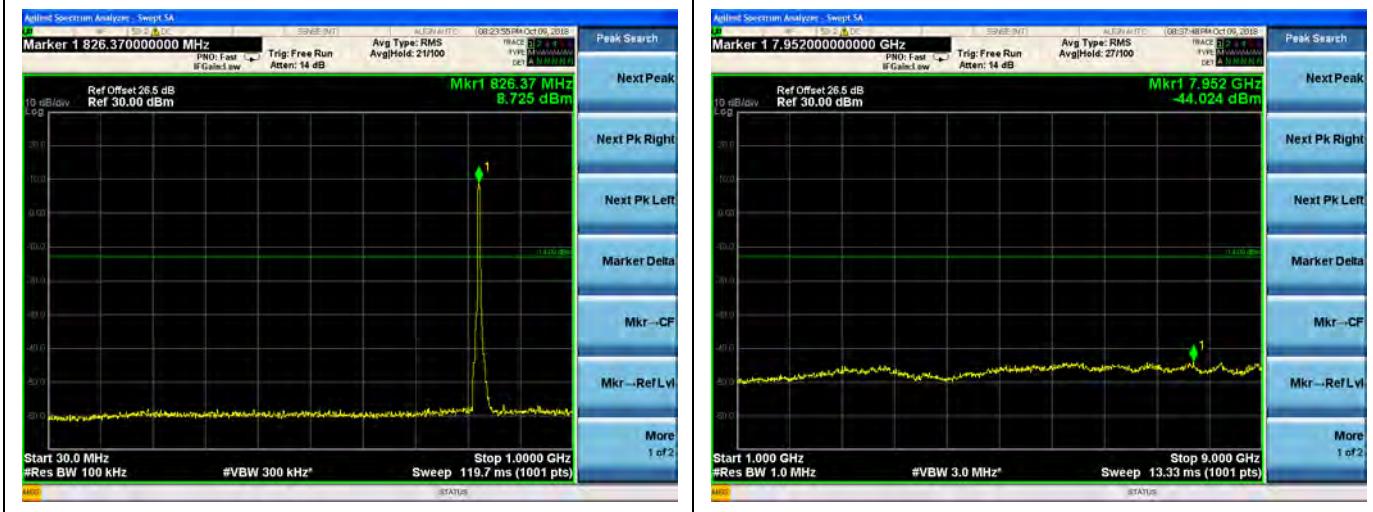


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## LTE Band 5 5MHz BW Low Channel QPSK



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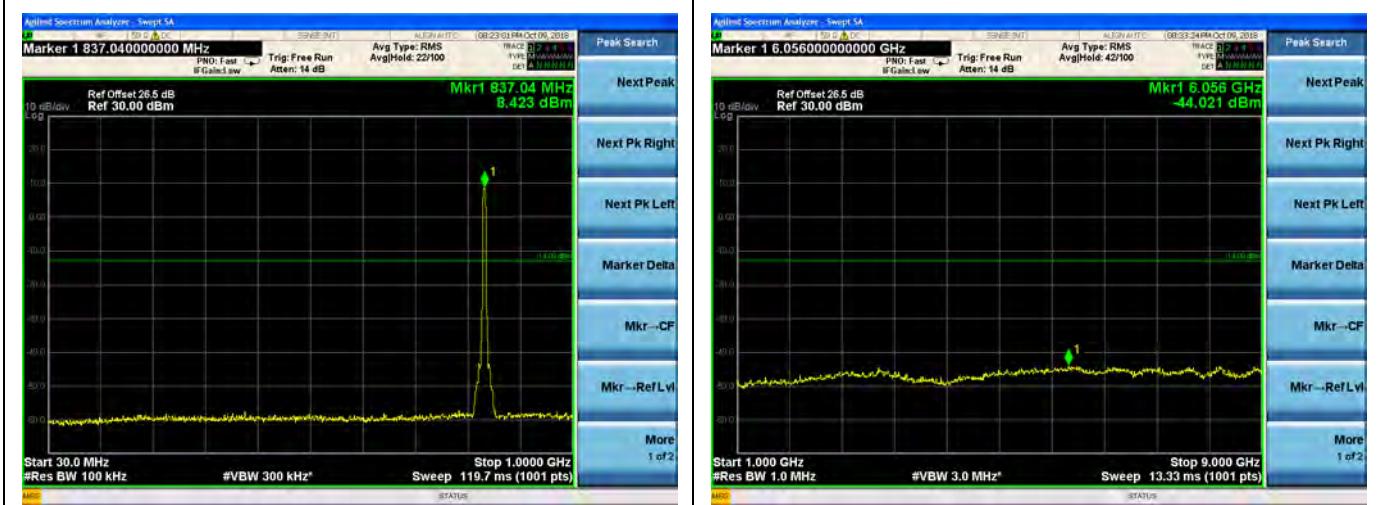
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## LTE Band 5 5MHz BW Mid Channel QPSK



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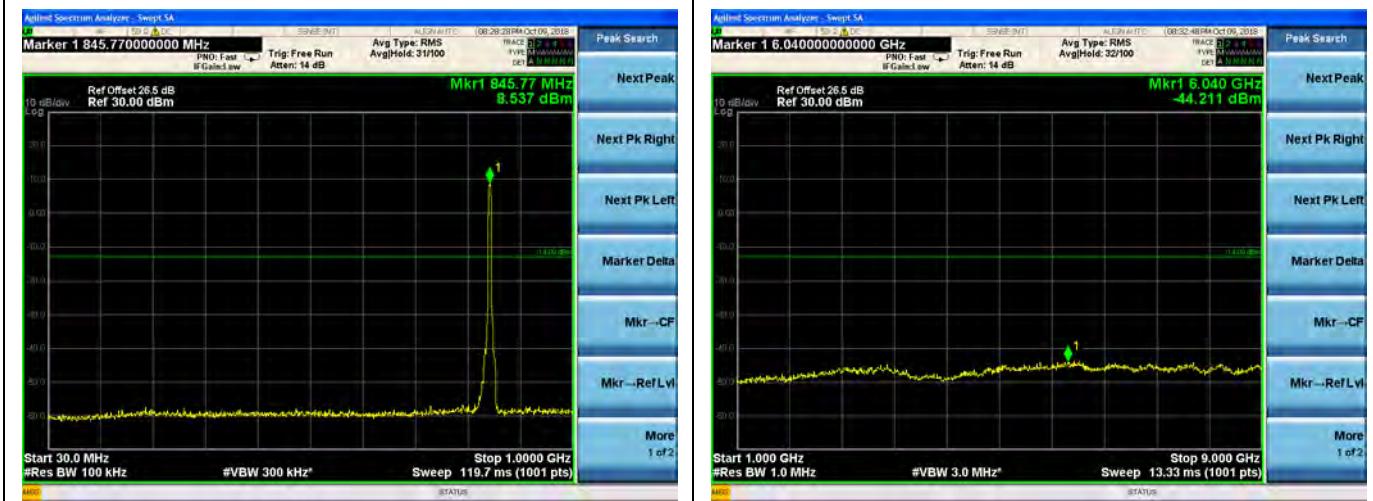
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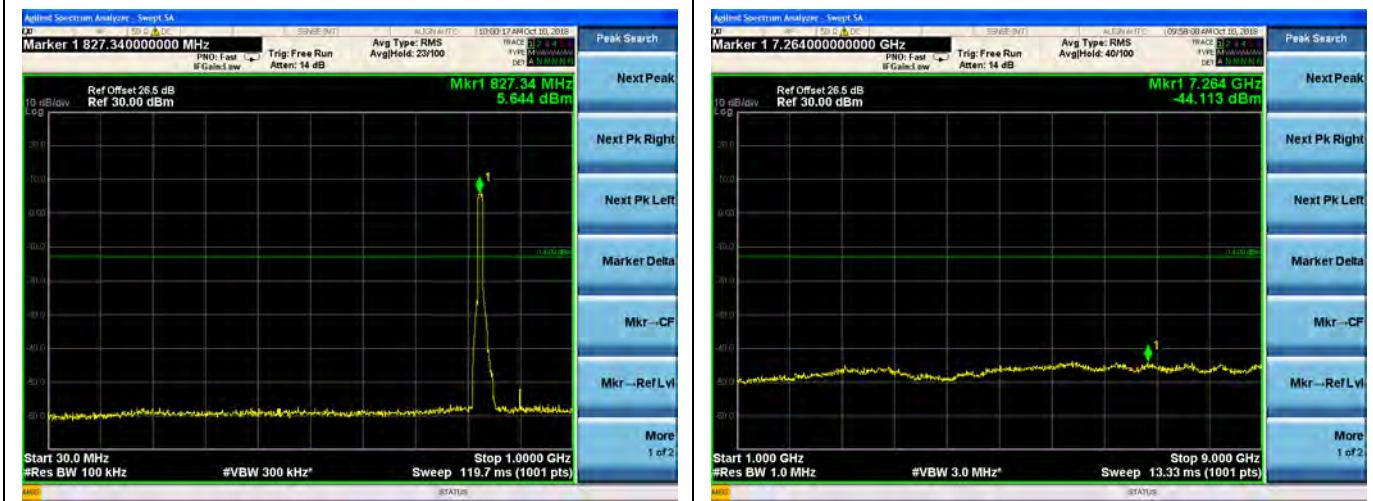


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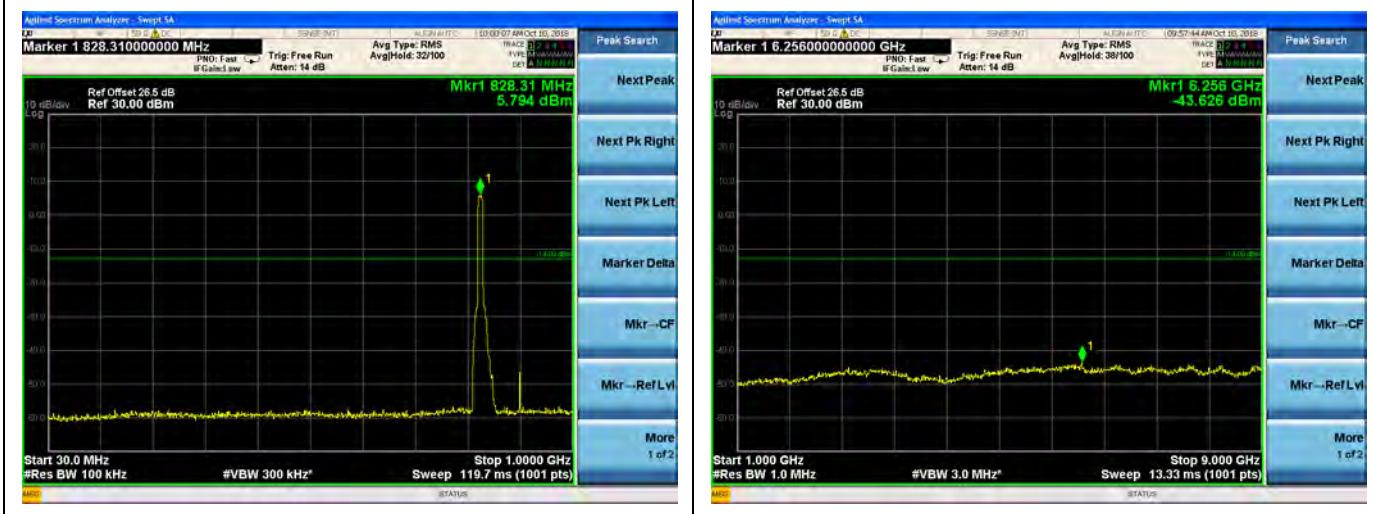
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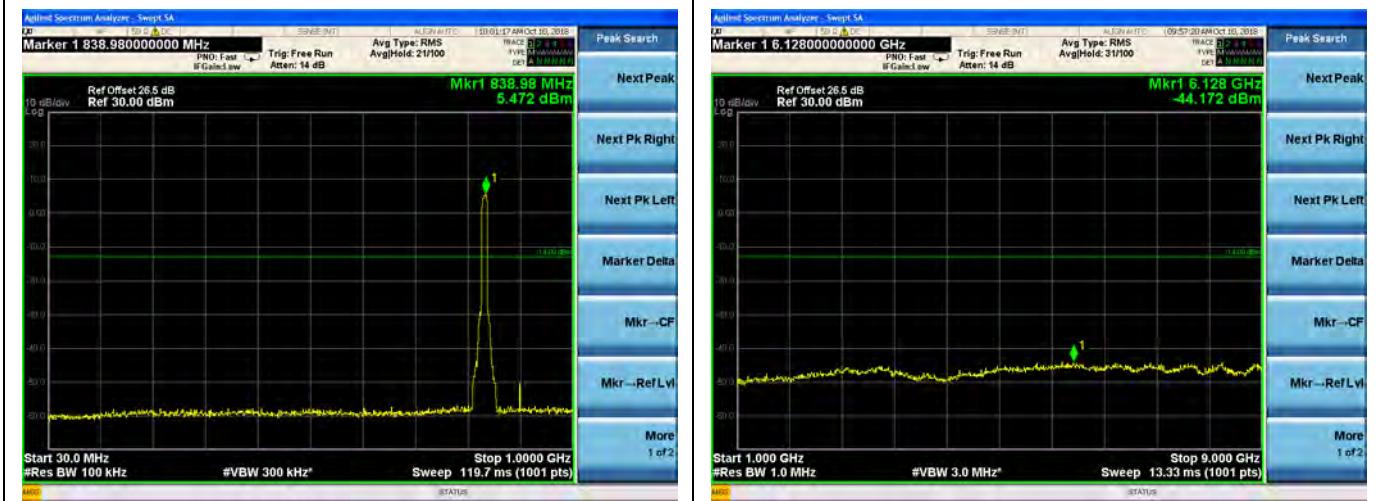
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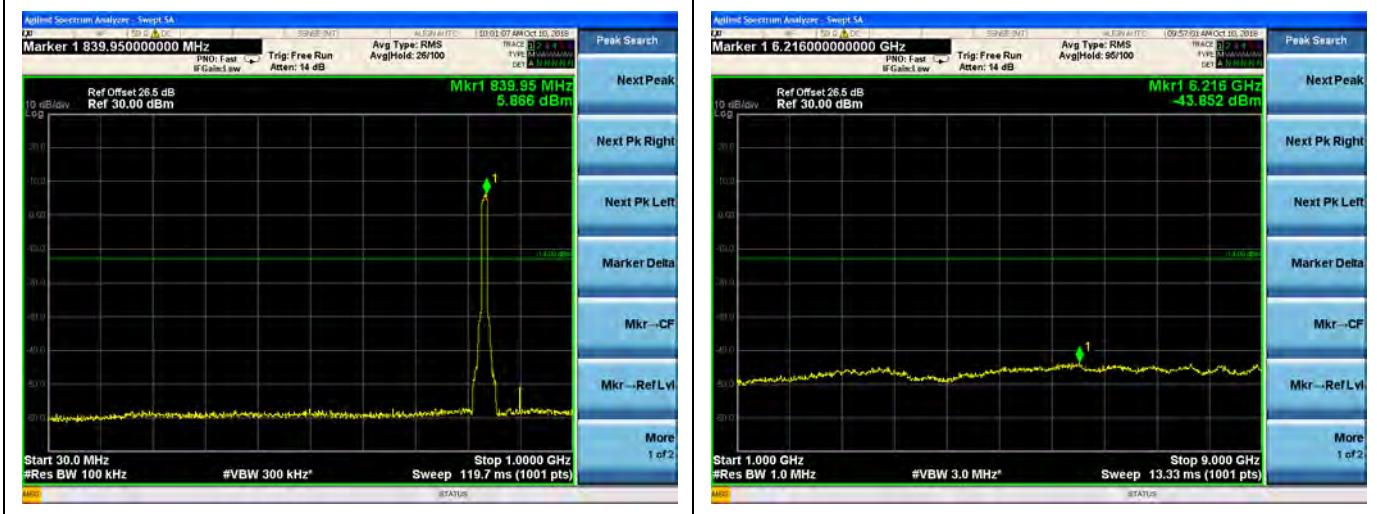
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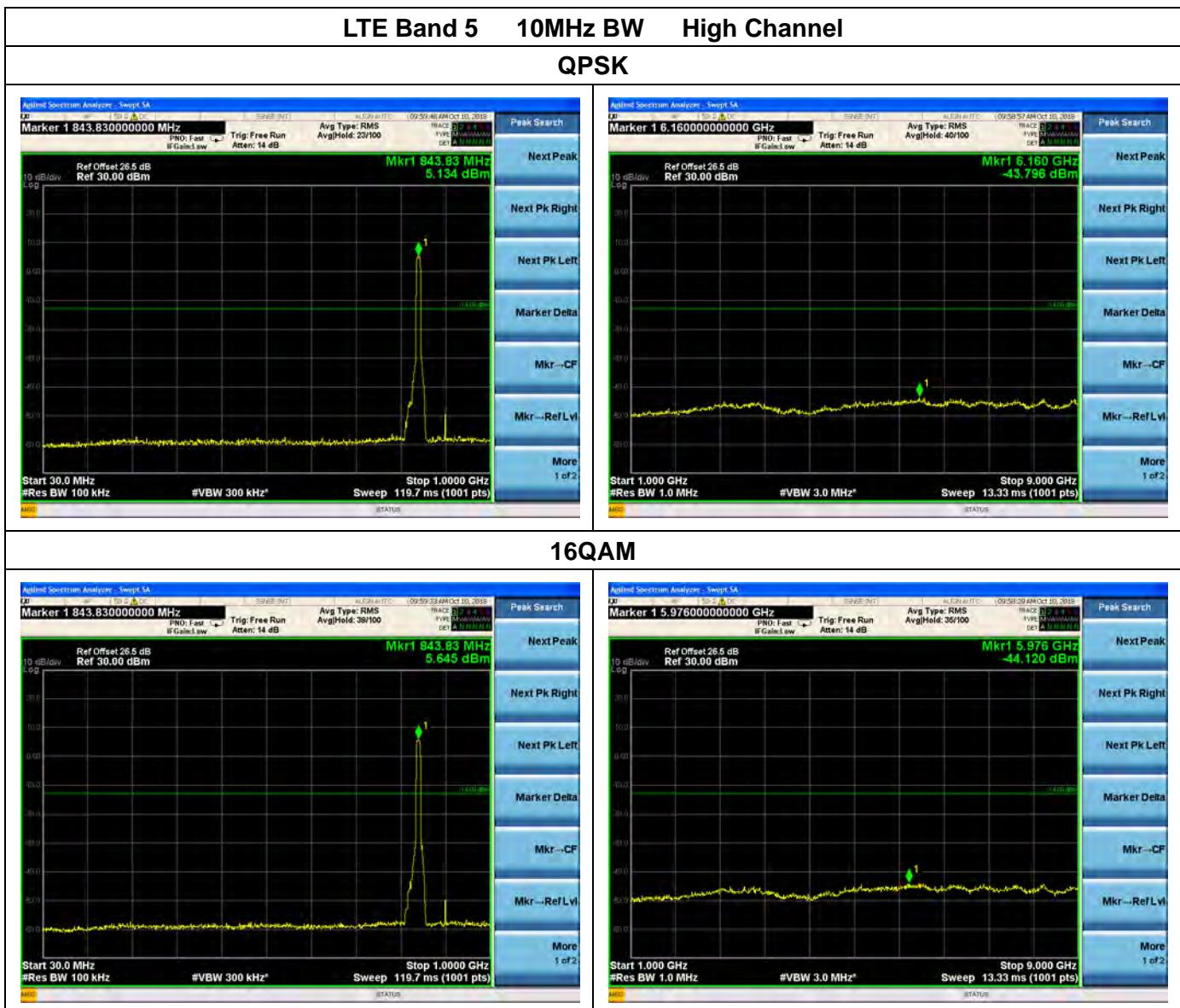


## LTE Band 5 10MHz BW Mid Channel QPSK



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## LTE Band 12 1.4MHz BW Low Channel QPSK



## 16QAM





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## LTE Band 12 1.4MHz BW Mid Channel QPSK



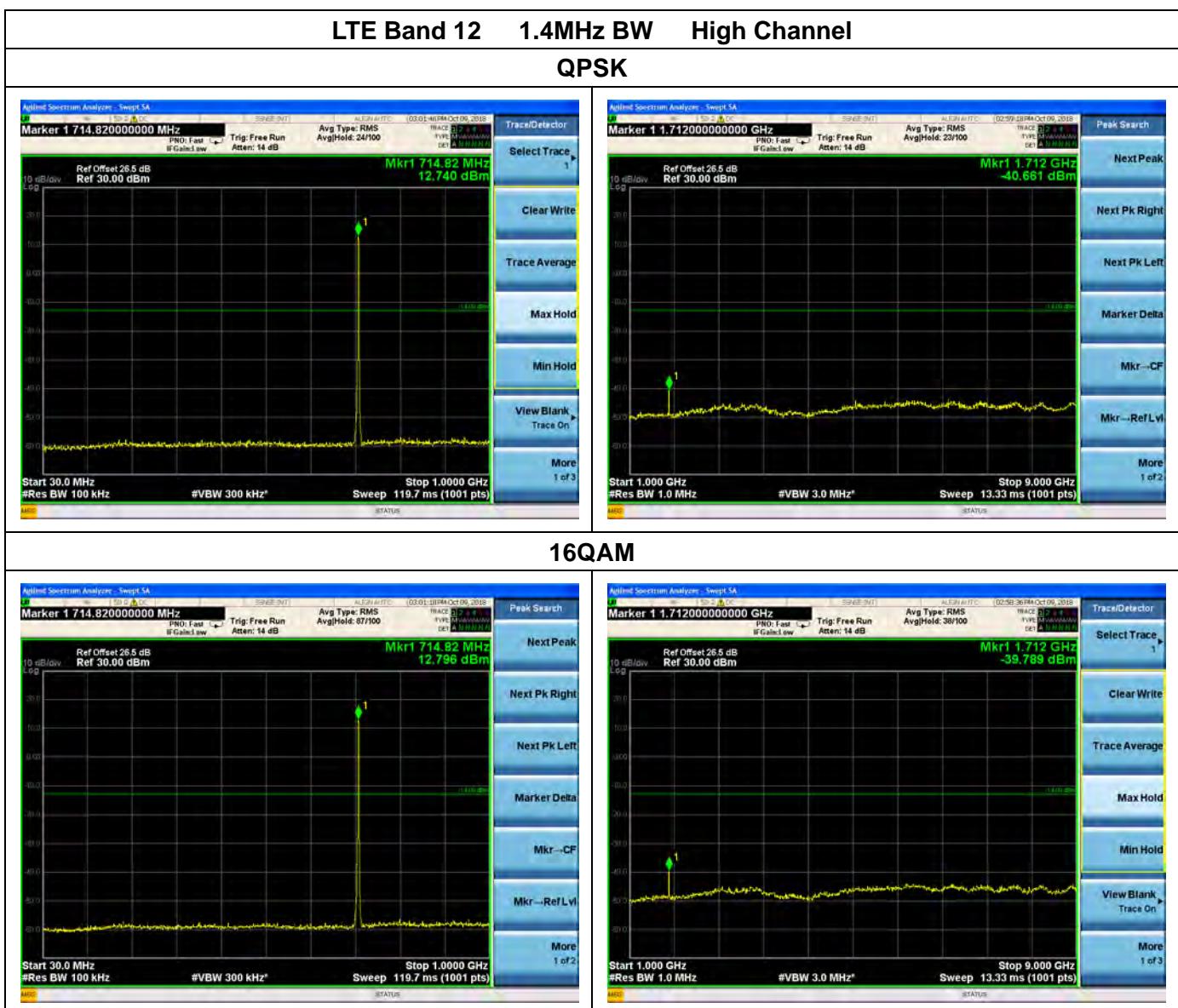
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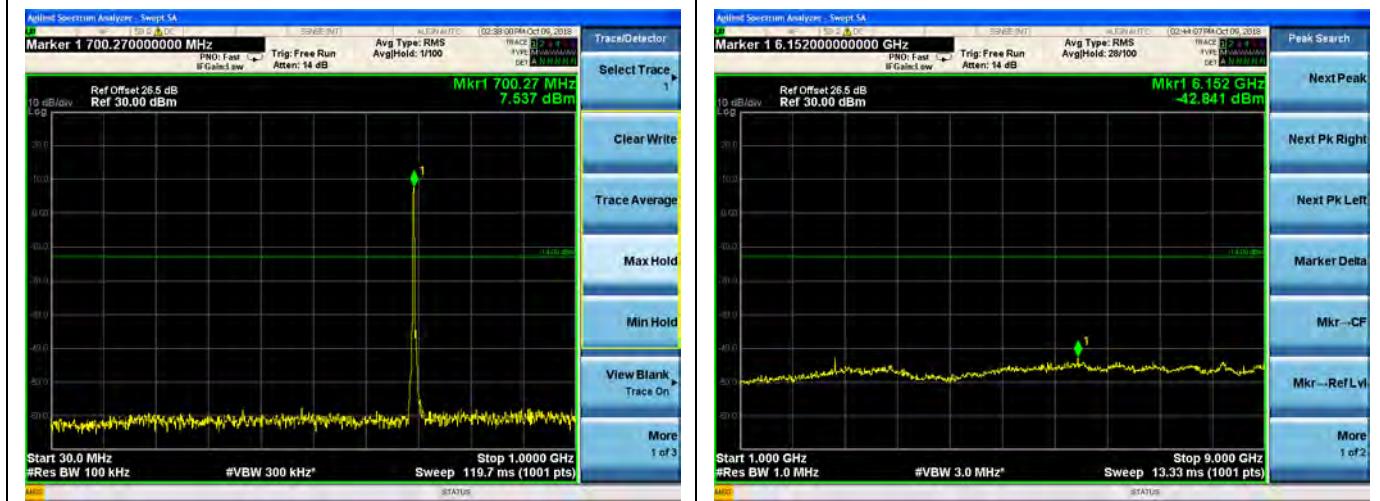
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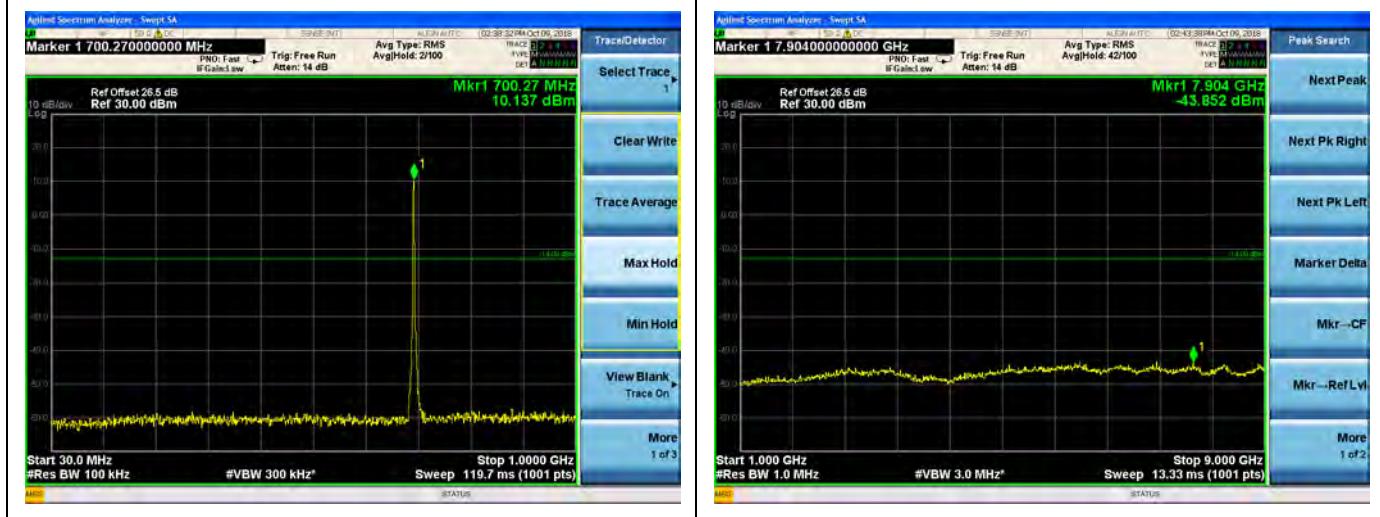
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## LTE Band 12 3MHz BW Low Channel QPSK

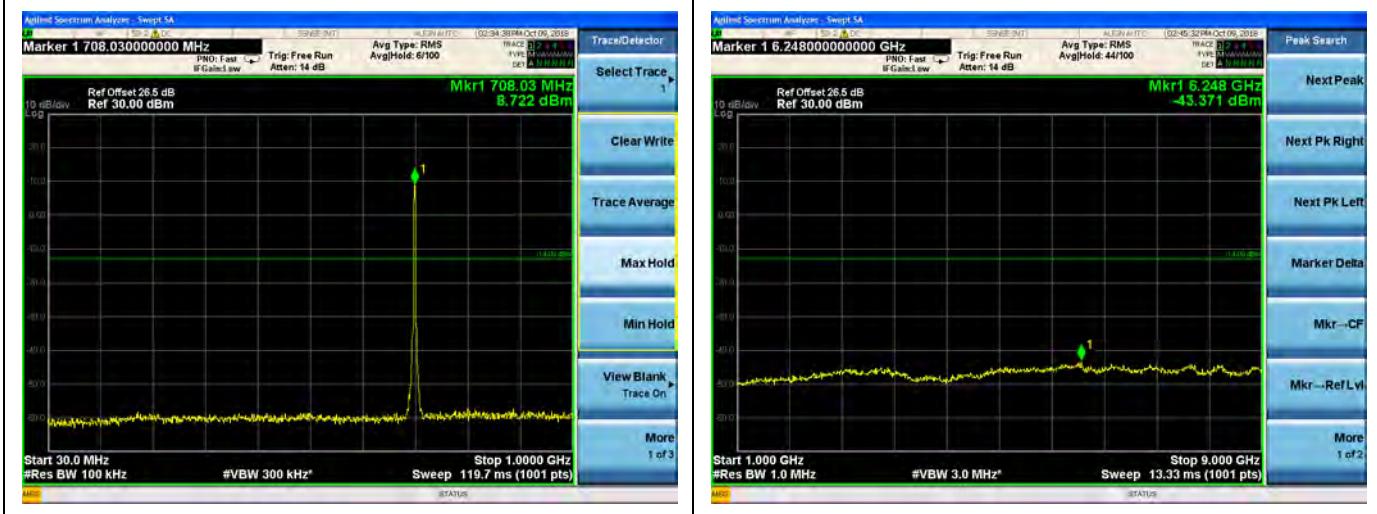


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LTE Band 12 3MHz BW Mid Channel  
 QPSK

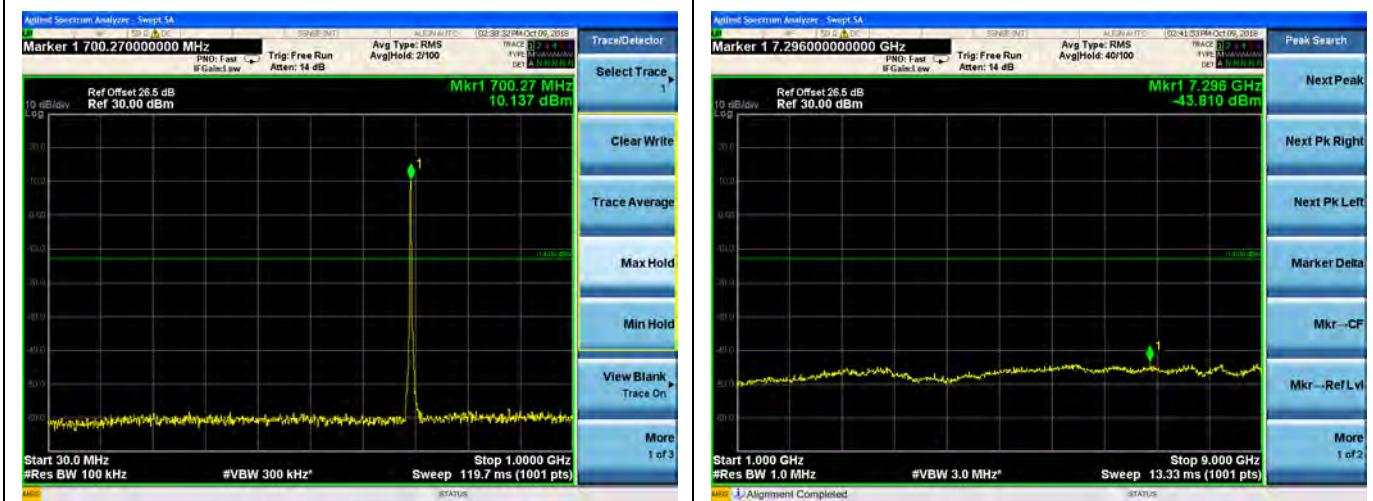

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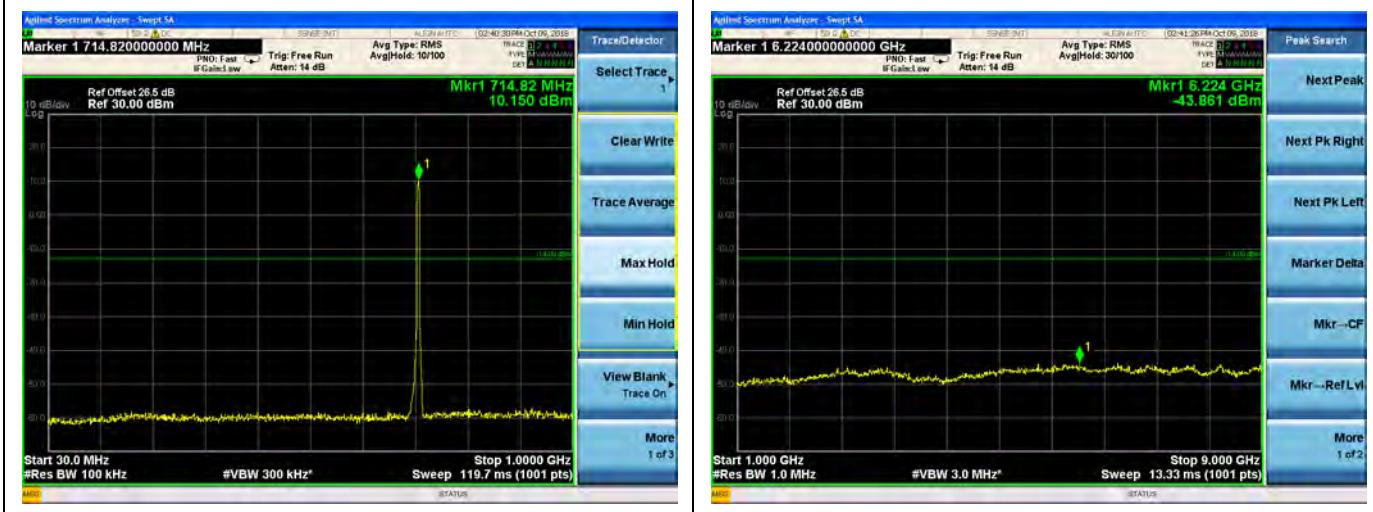


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## LTE Band 12 3MHz BW High Channel QPSK



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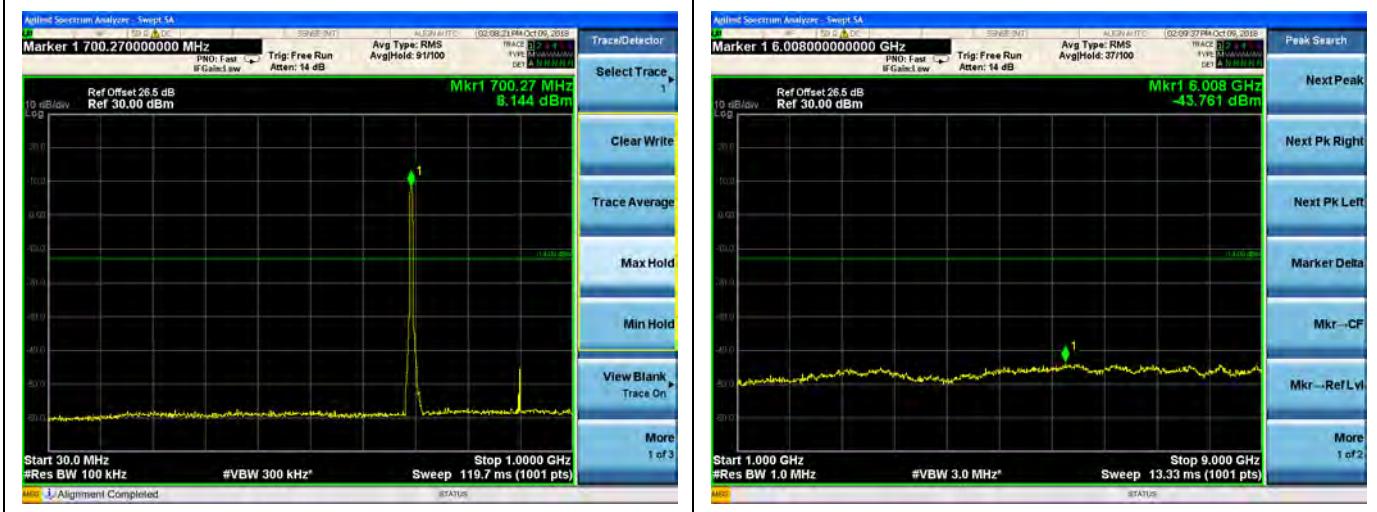
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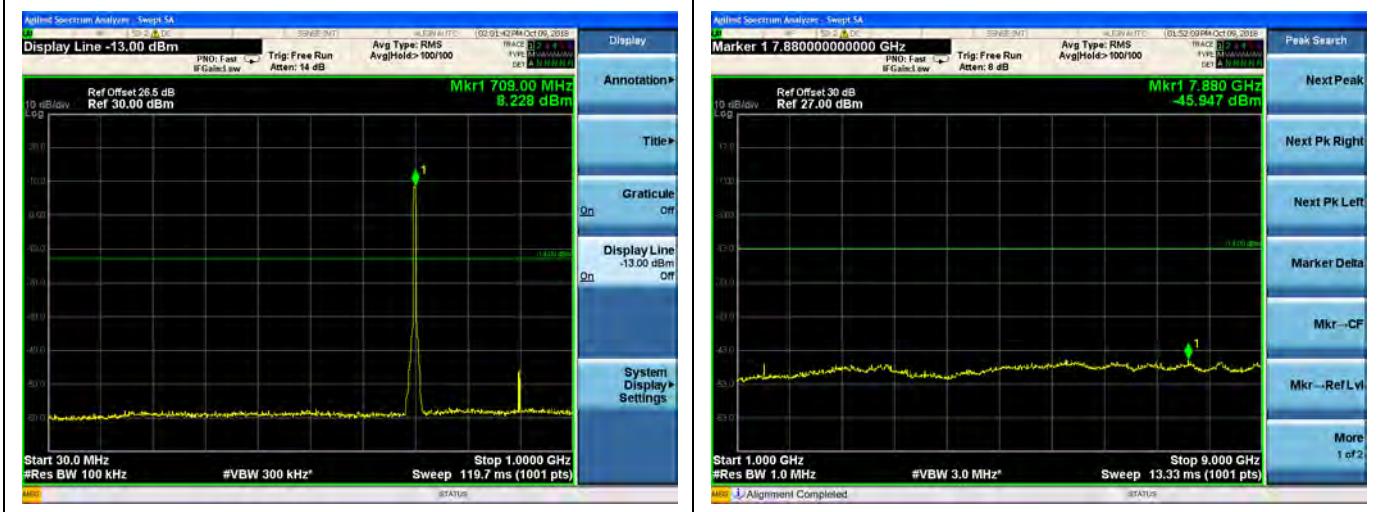
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## LTE Band 12    5MHz BW    Mid Channel QPSK



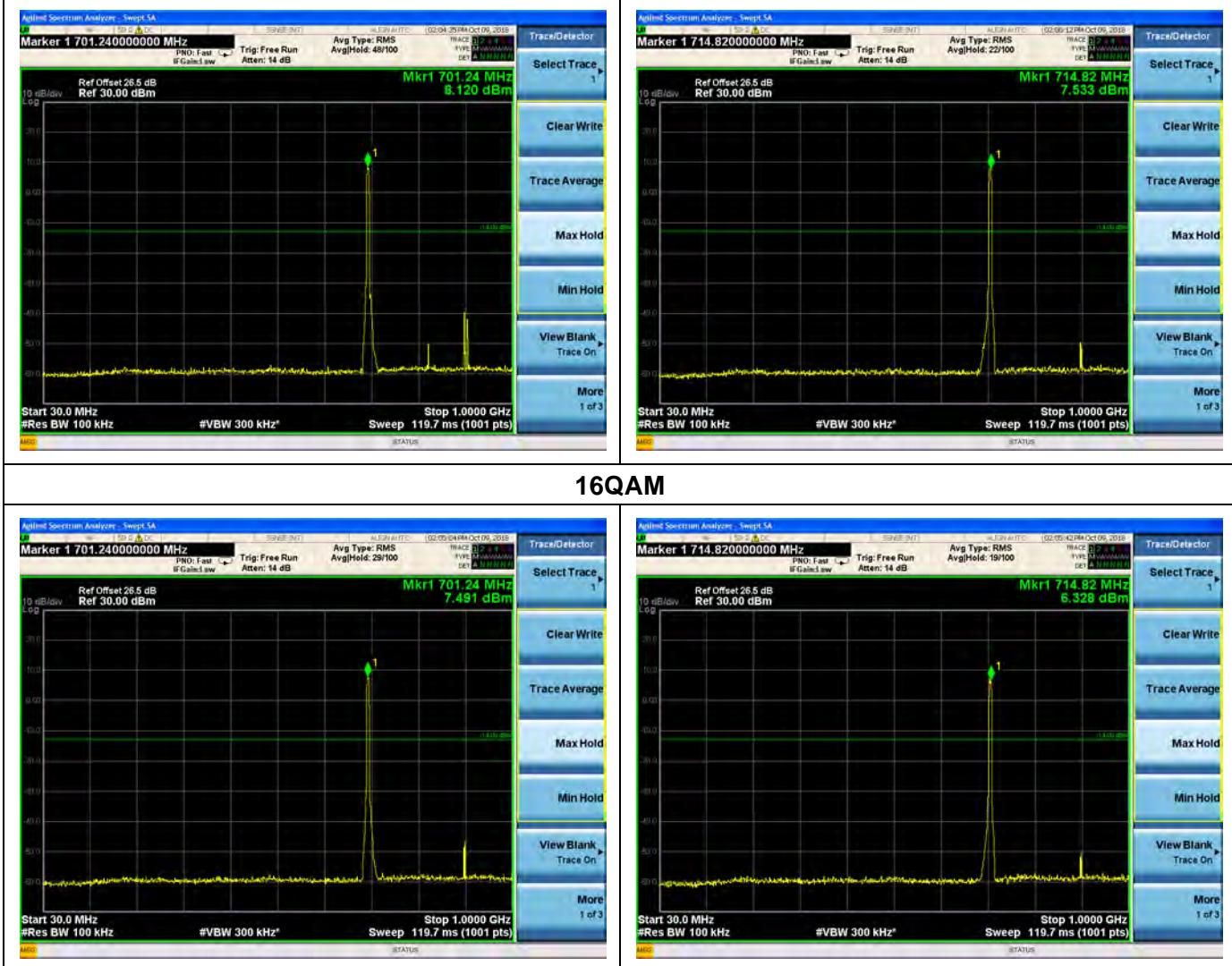
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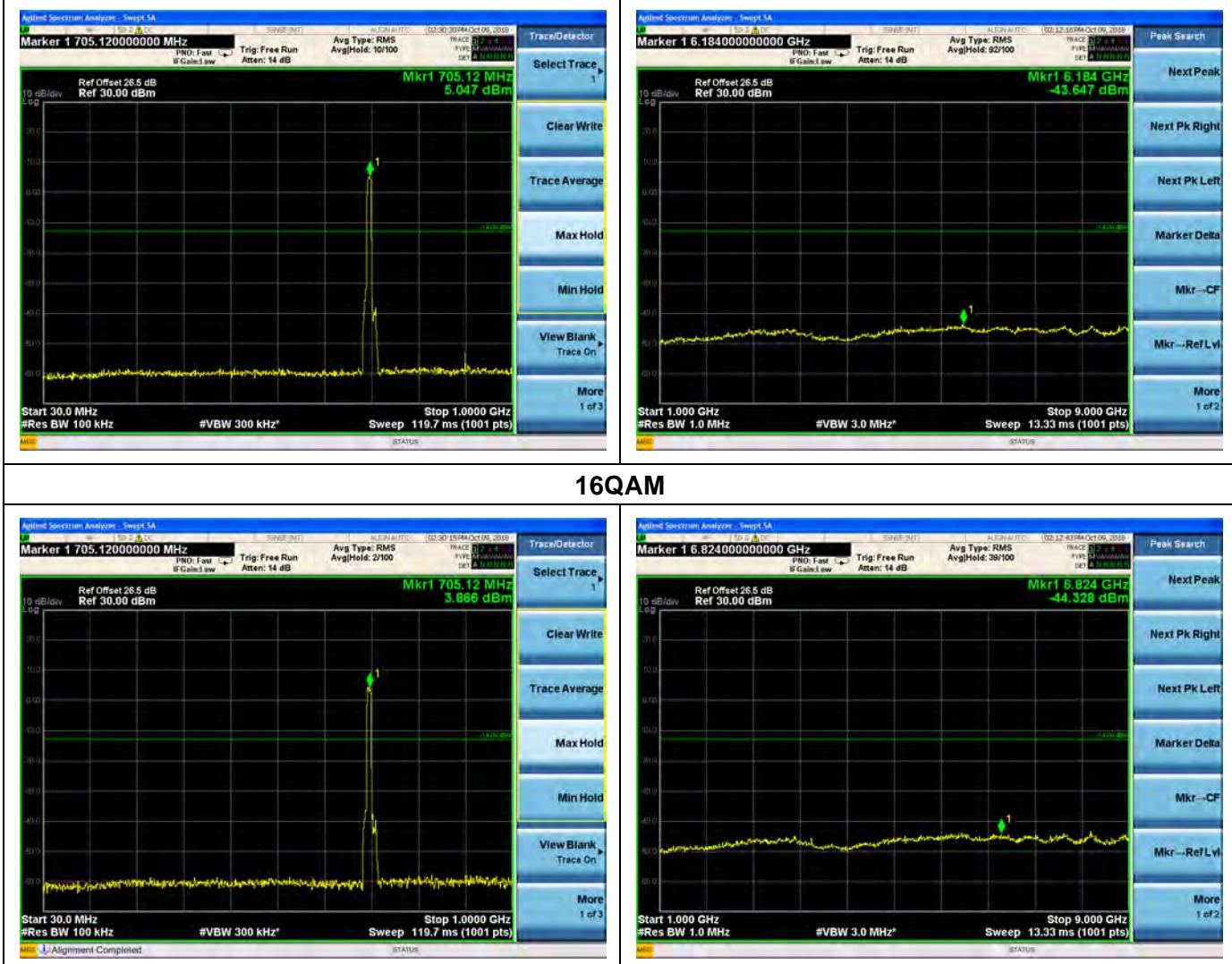
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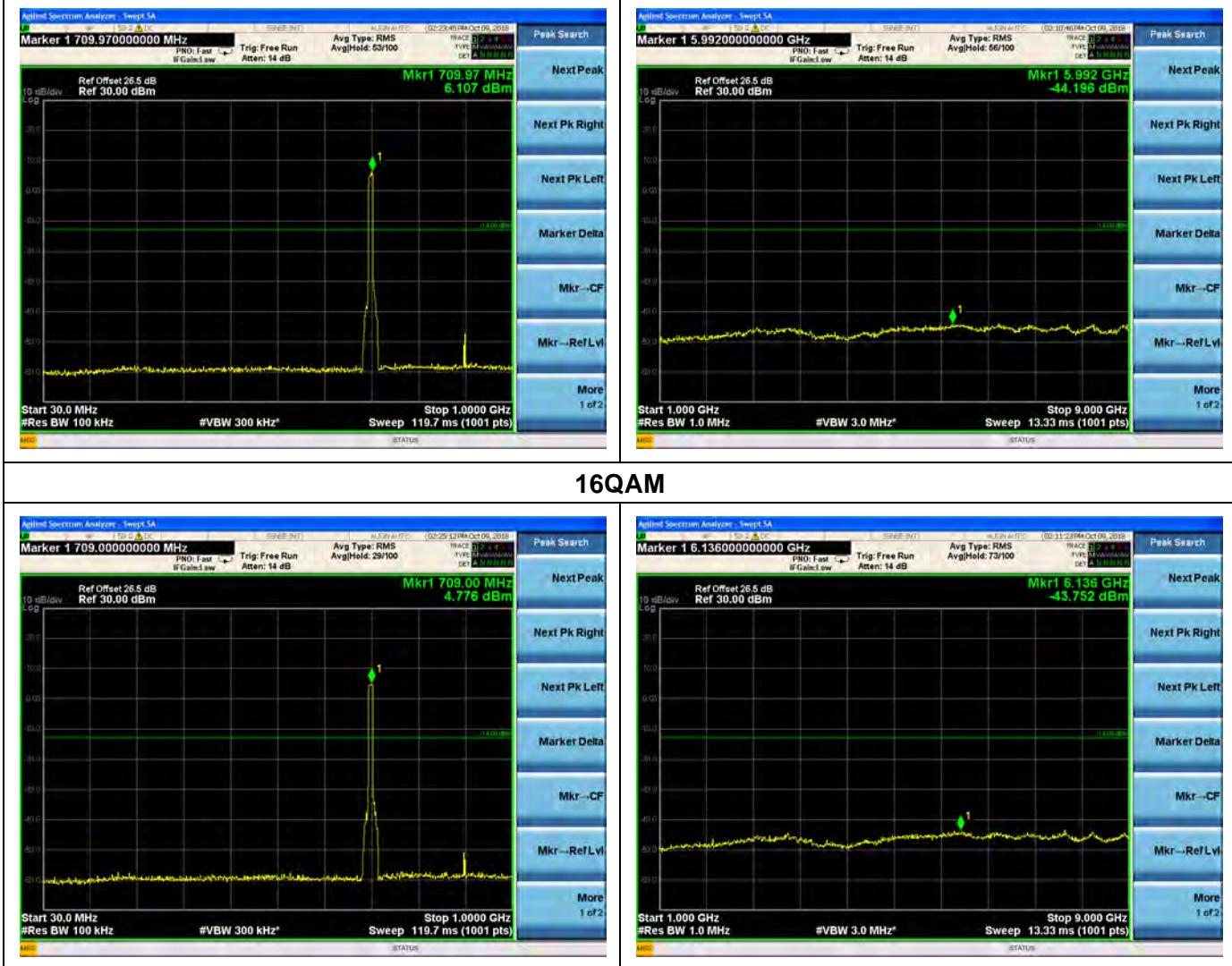
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