



REPORT No.: SZ19080162W02

## LTE Band 7 Peak-to-Average Radio

## 10MHz/QPSK / LCH



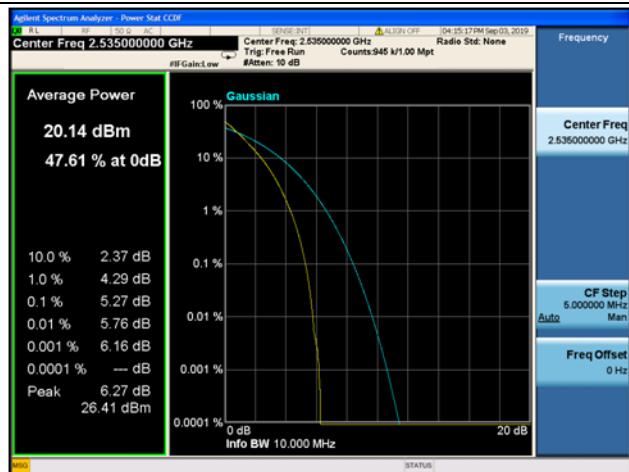
## 10MHz/16QAM / LCH



## 10MHz/ 64QAM / LCH



## 10MHz/ QPSK / MCH



## 10MHz/16QAM / MCH



## 10MHz/ 64QAM / MCH



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## 10MHz/ QPSK / HCH



## 10MHz/16QAM / HCH



## 10MHz/ 64QAM / HCH



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REPORT No.: SZ19080162W02

## LTE Band 7 Peak-to-Average Radio

## 15MHz/QPSK / LCH



## 15MHz/16QAM / LCH



## 15MHz/ 64QAM / LCH



## 15MHz/ QPSK / MCH



## 15MHz/16QAM / MCH



## 15MHz/ 64QAM / MCH



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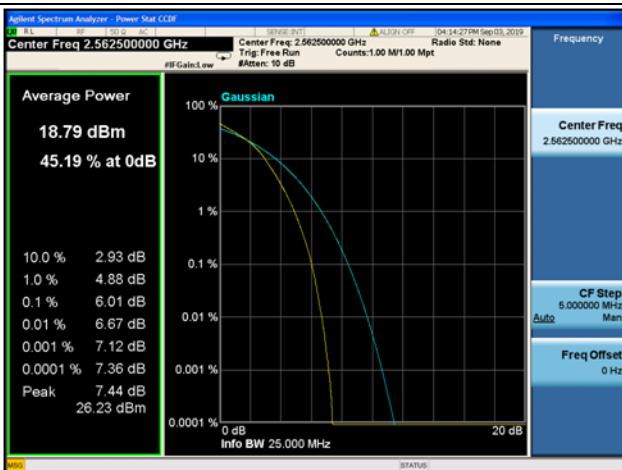
## 15MHz/ QPSK / HCH



## 15MHz/16QAM / HCH



## 15MHz/ 64QAM / HCH



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REPORT No.: SZ19080162W02

## LTE Band 7 Peak-to-Average Radio

## 20MHz/QPSK / LCH



## 20MHz/16QAM / LCH



## 20MHz/ 64QAM / LCH



## 20MHz/ QPSK / MCH



## 20MHz/16QAM / MCH



## 20MHz/ 64QAM / MCH



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## **20MHz/ QPSK / HCH**



20MHz/16QAM / HCH



**20MHz/ 64QAM / HCH**



## 2.5. Conducted Spurious Emissions

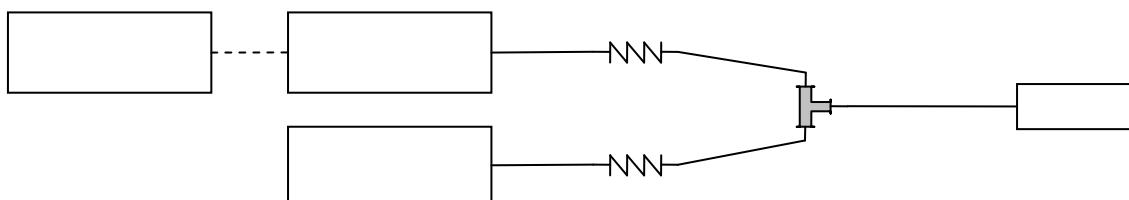
### 2.5.1. Requirement

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.

Additional requirement for LTE Band 7:

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  $55 + 10 \log(P)$  dB. This calculated to be -25dBm.

### 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



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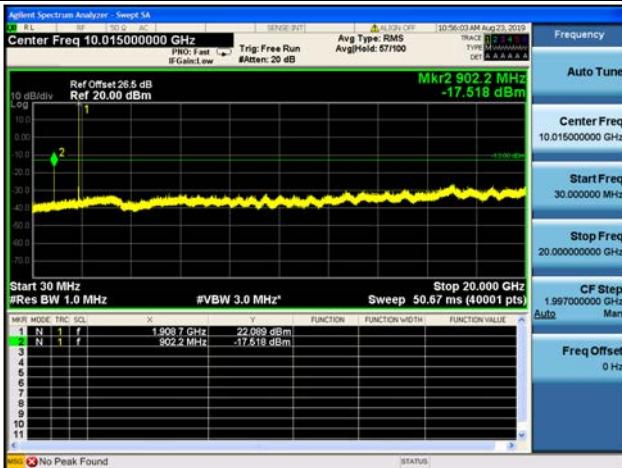
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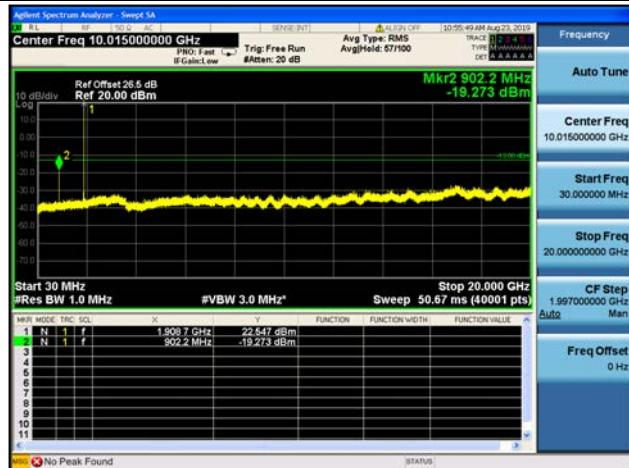


REPORT No.: SZ19080162W02

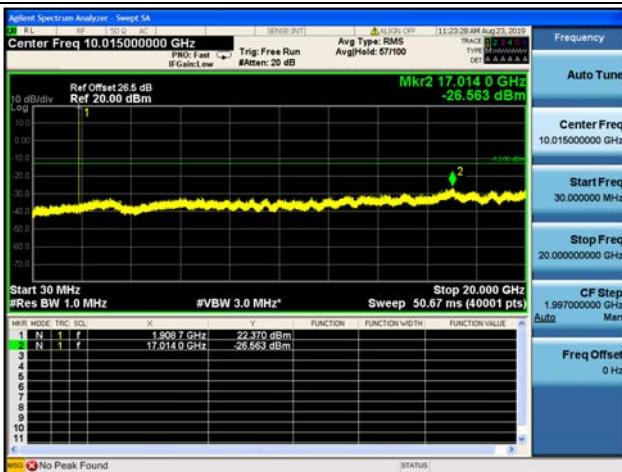
## 1.4MHz/QPSK/High CH



## 1.4MHz/16QAM/High CH



## 1.4MHz/64QAM/High CH



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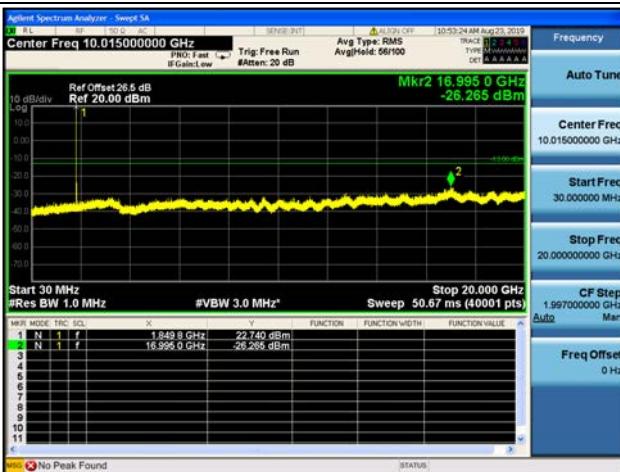
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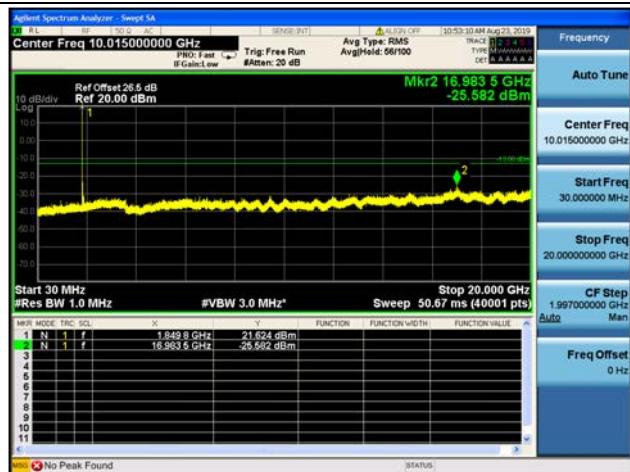
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## LTE Band 2 CSE

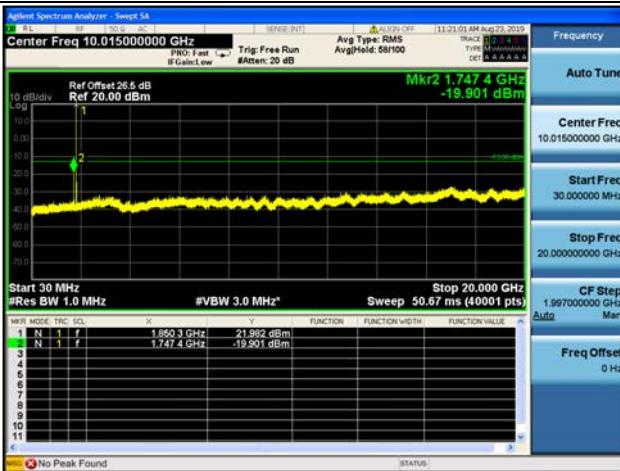
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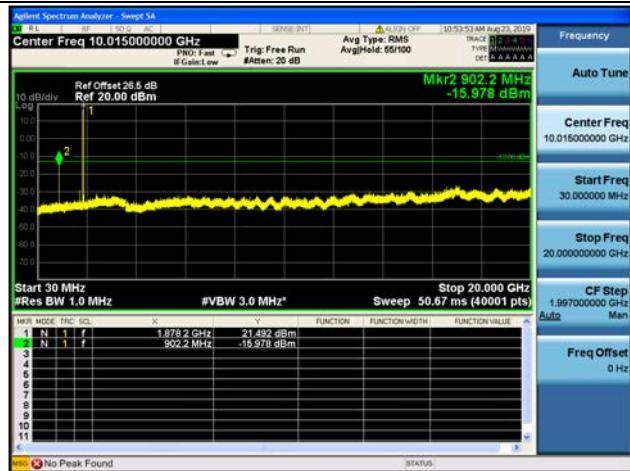
## 3MHz/16QAM/Low CH



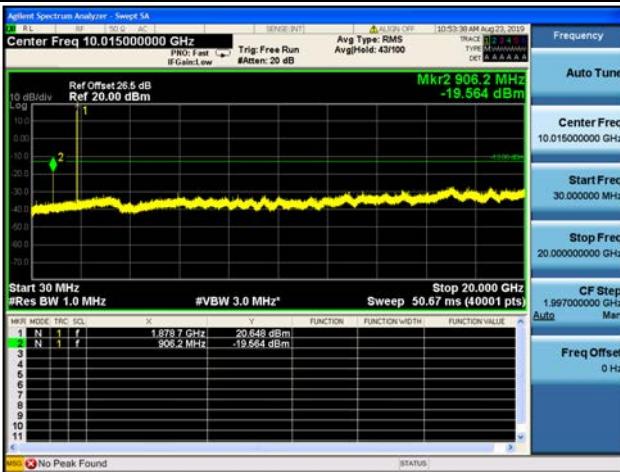
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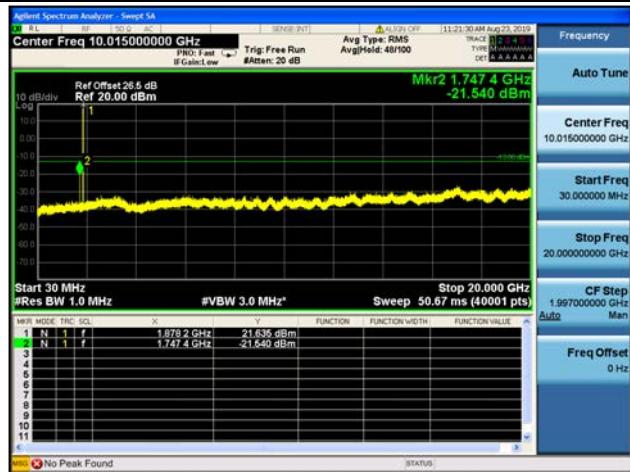
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## 3MHz/16QAM/Mid CH



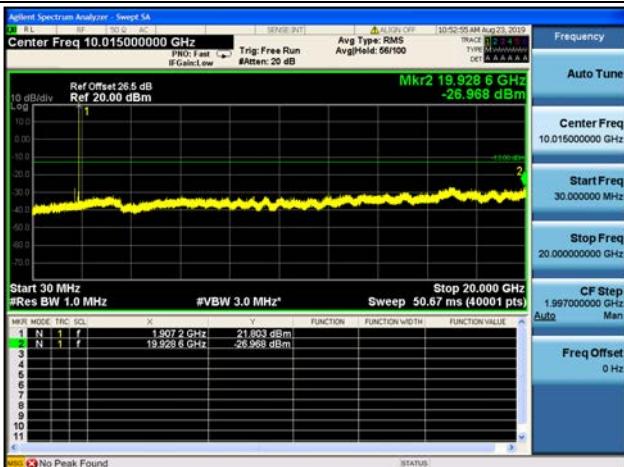
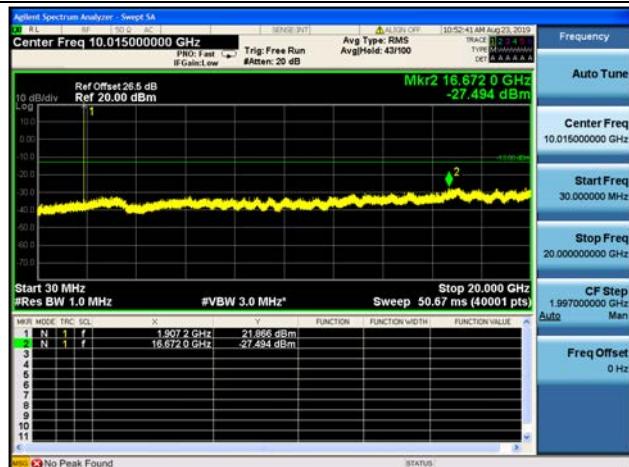
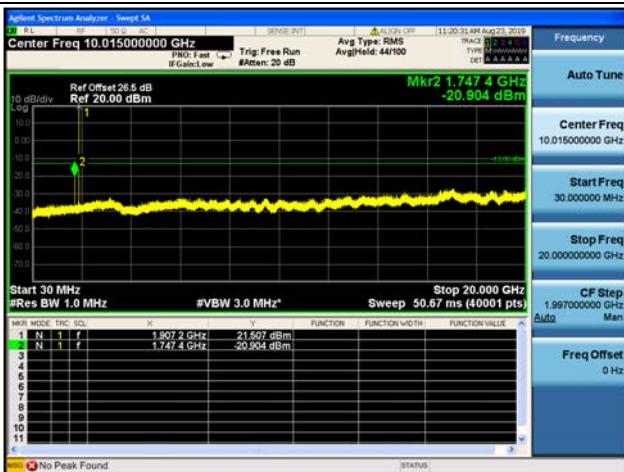
## 3MHz/64QAM/Mid CH



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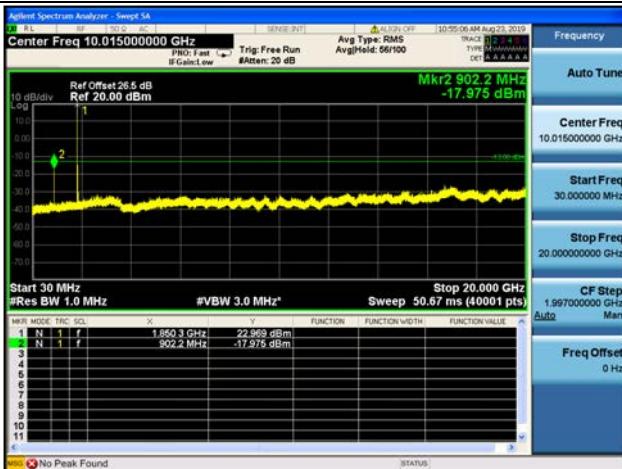
**3MHz/QPSK/High CH**

**3MHz/16QAM/High CH**

**3MHz/64QAM/High CH**




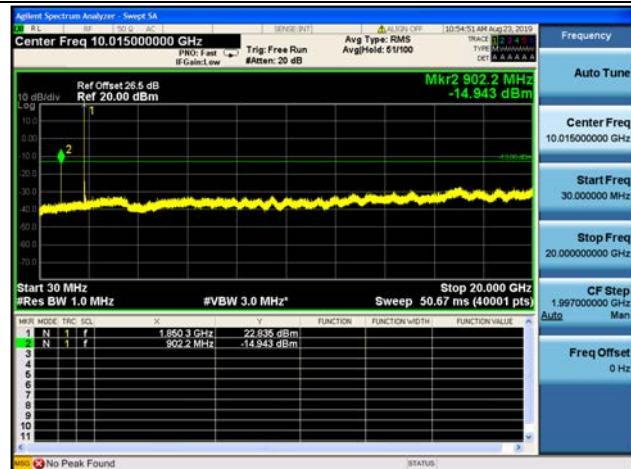
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## LTE Band 2 CSE

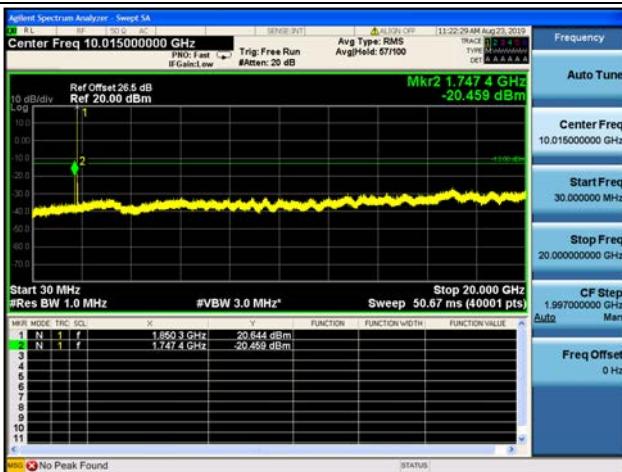
## 5MHz/QPSK/Low CH



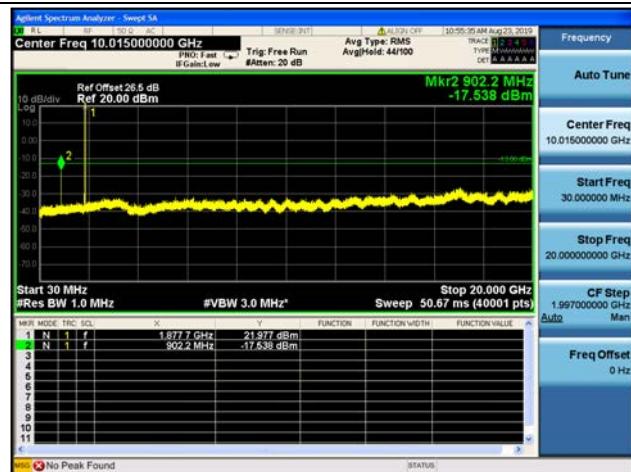
## 5MHz/16QAM/Low CH



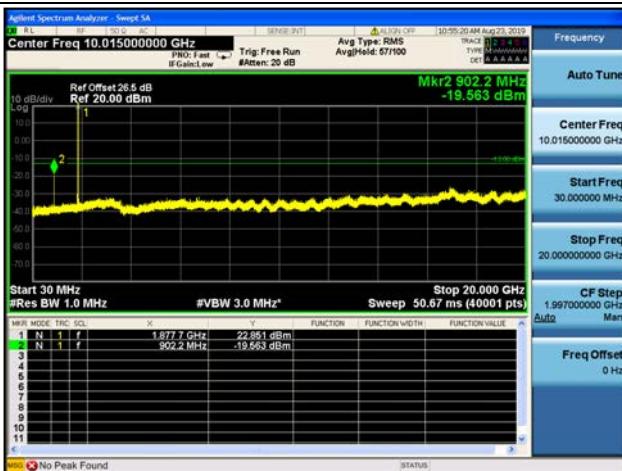
## 5MHz/64QAM/Low CH



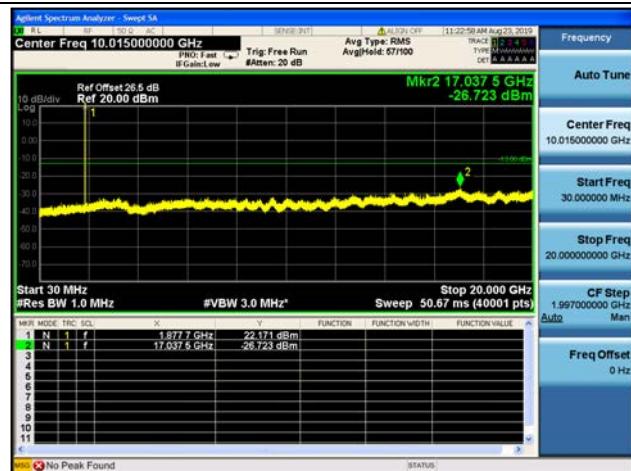
## 5MHz/QPSK/Mid CH



## 5MHz/16QAM/Mid CH



## 5MHz/64QAM/Mid CH



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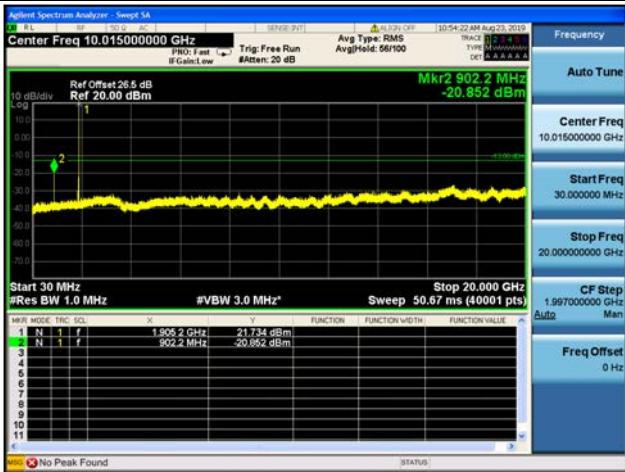
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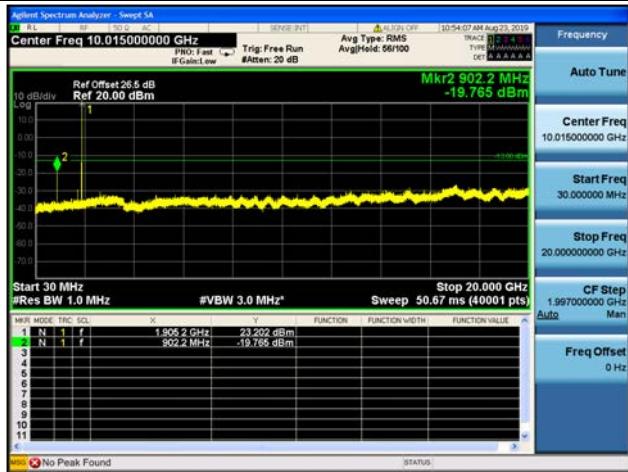


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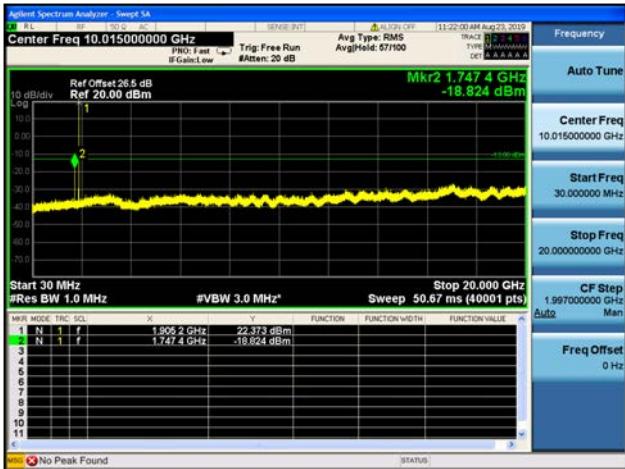
## 5MHz/QPSK/High CH



## 5MHz/16QAM/High CH



## 5MHz/64QAM/High CH



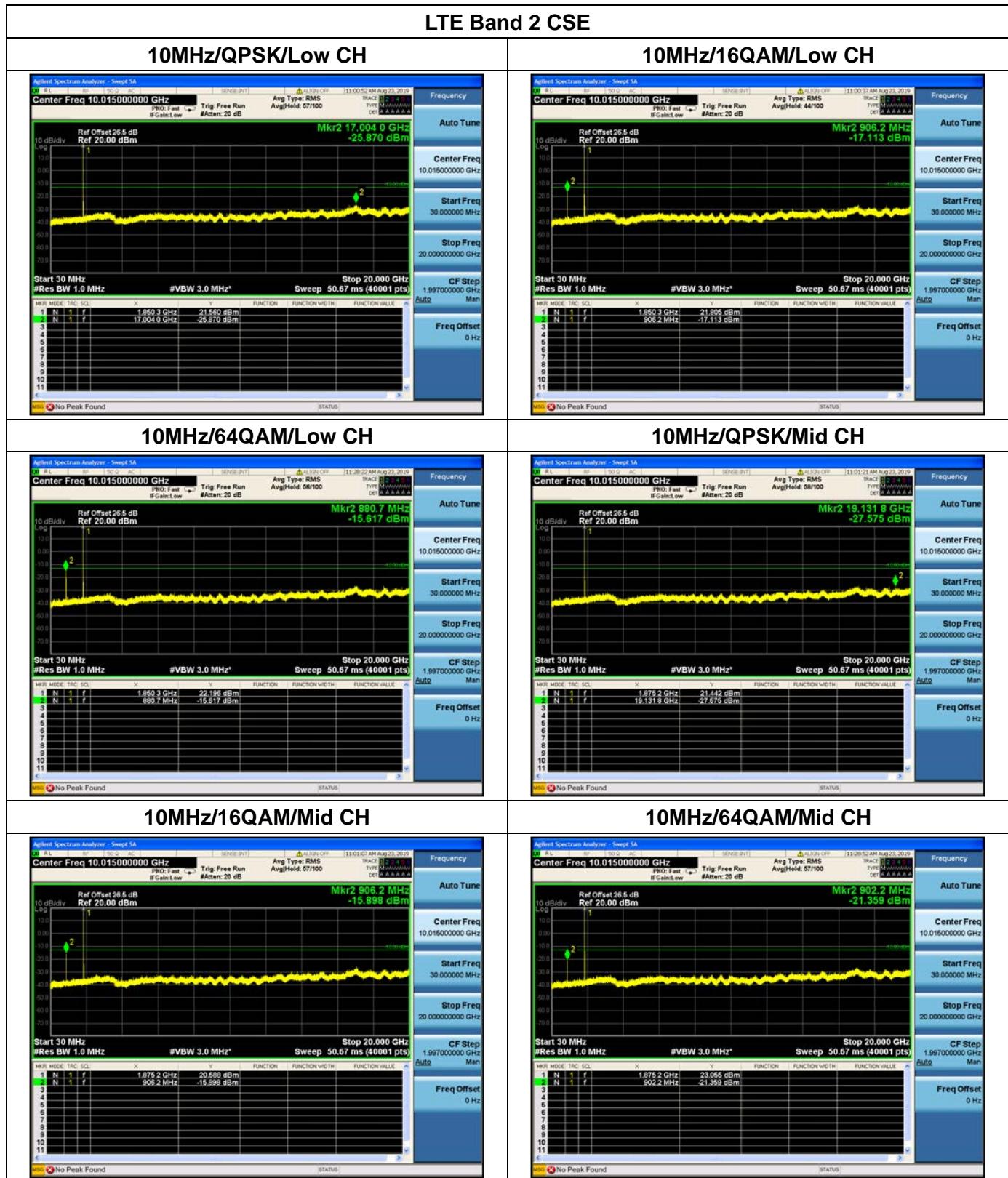
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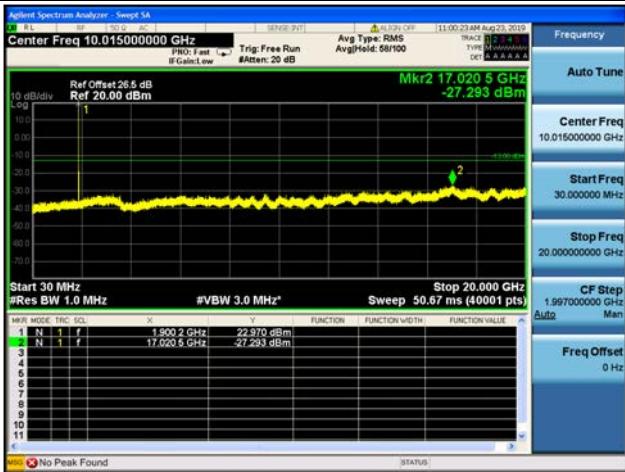
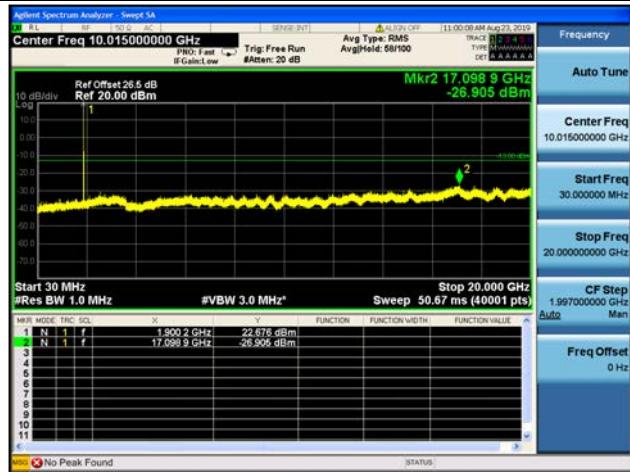
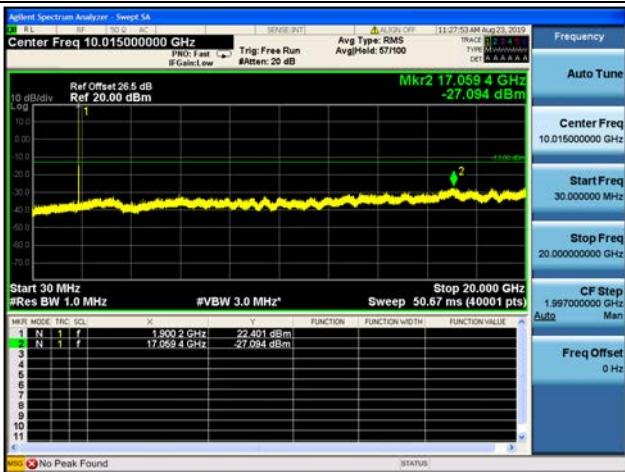


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**10MHz/QPSK/High CH**

**10MHz/16QAM/High CH**

**10MHz/64QAM/High CH**




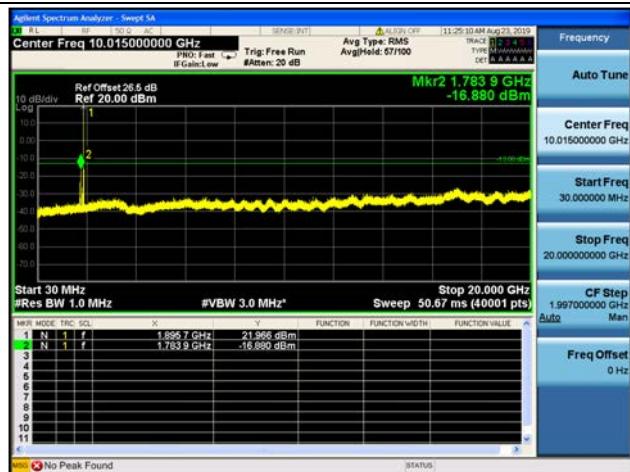
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## LTE Band 2 CSE

## 15MHz/QPSK/Low CH



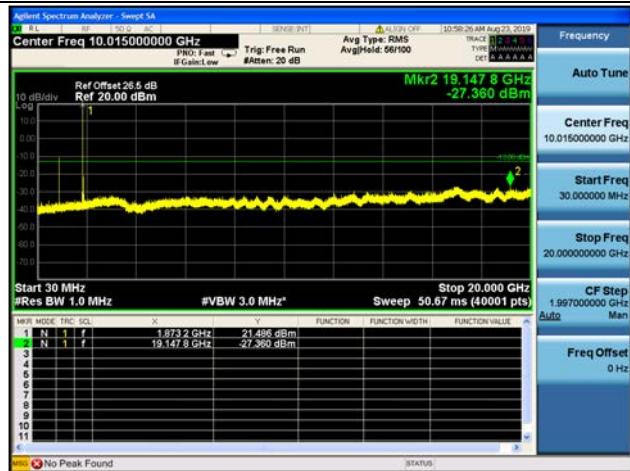
## 15MHz/16QAM/Low CH



## 15MHz/64QAM/Low CH



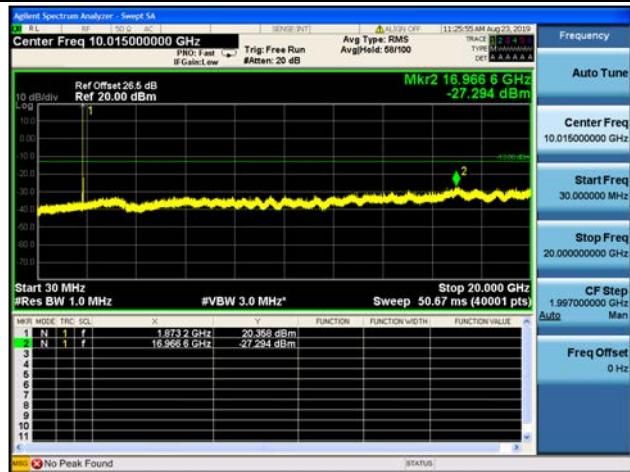
## 15MHz/QPSK/Mid CH



## 15MHz/16QAM/Mid CH



## 15MHz/64QAM/Mid CH



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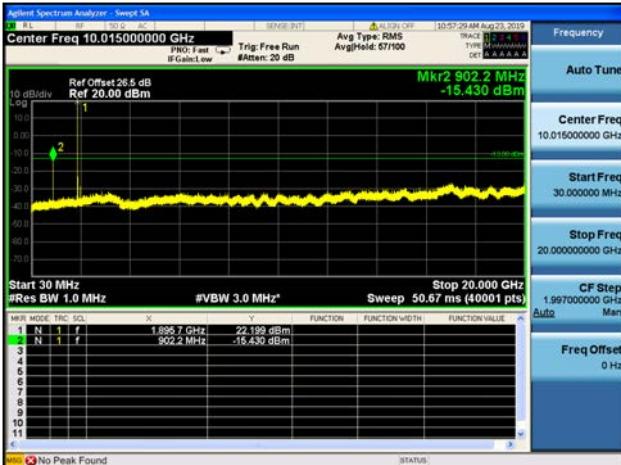
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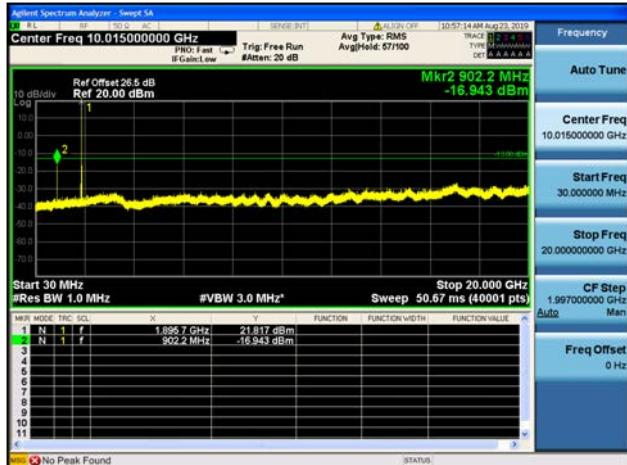


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## 15MHz/QPSK/High CH



## 15MHz/16QAM/High CH



## 15MHz/64QAM/High CH



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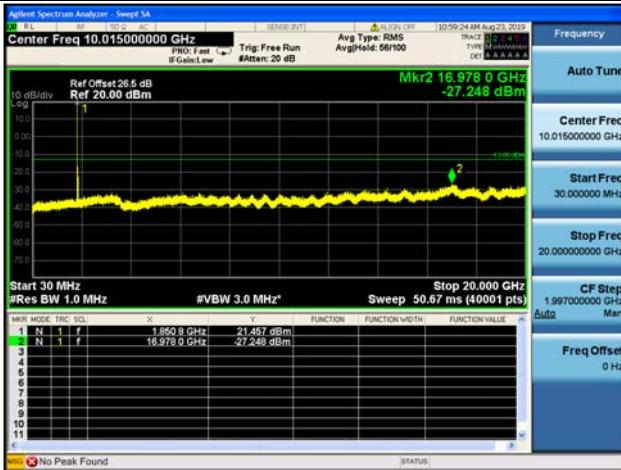
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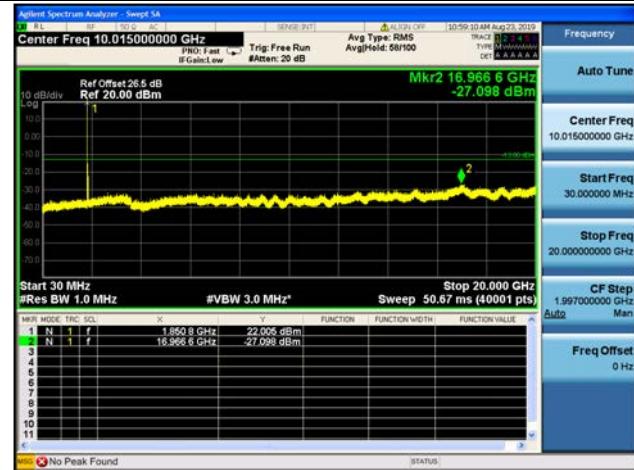
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## LTE Band 2 CSE

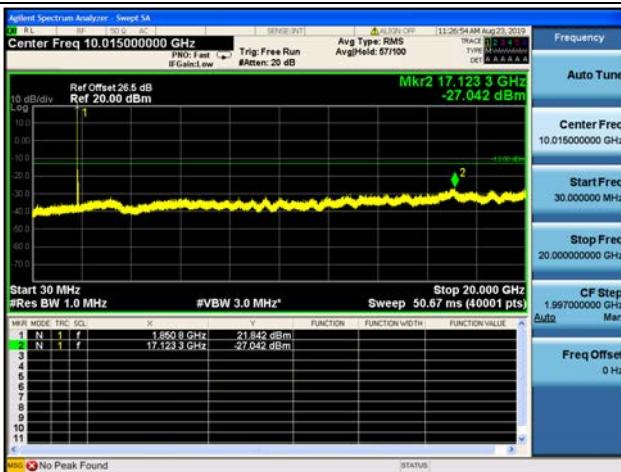
## 20MHz/QPSK/Low CH



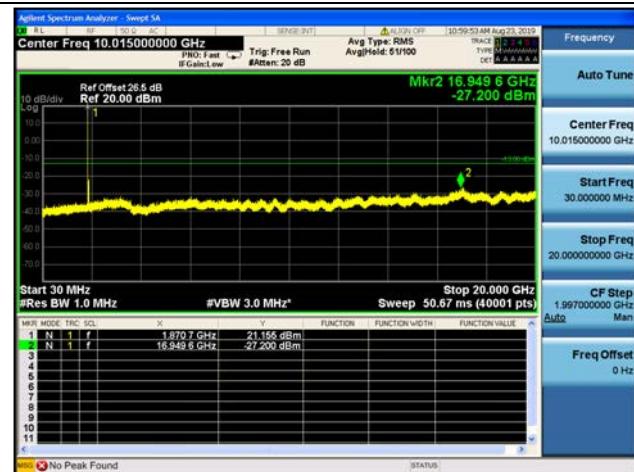
## 20MHz/16QAM/Low CH



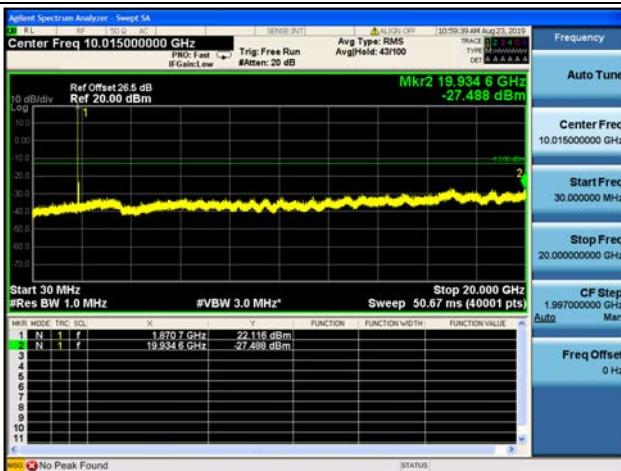
## 20MHz/64QAM/Low CH



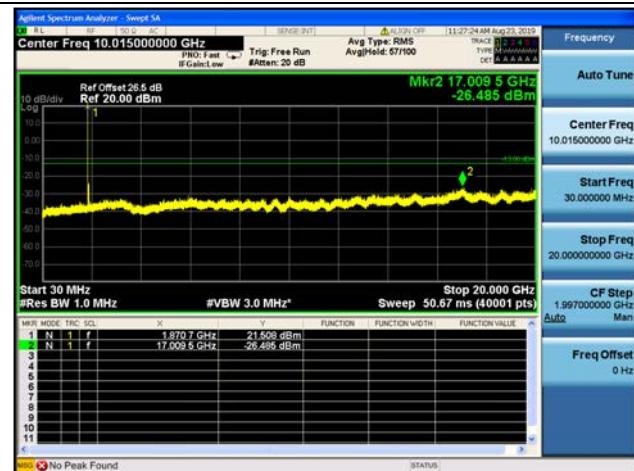
## 20MHz/QPSK/Mid CH



## 20MHz/16QAM/Mid CH



## 20MHz/16QAM/Mid CH



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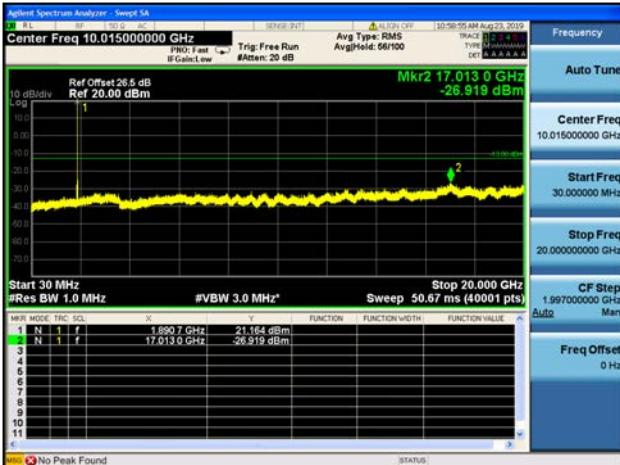
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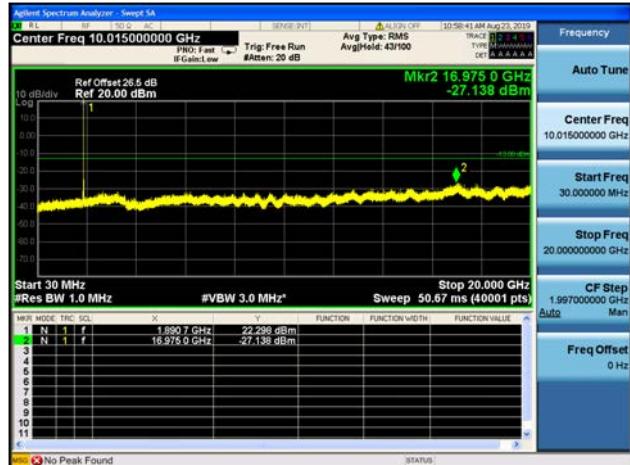


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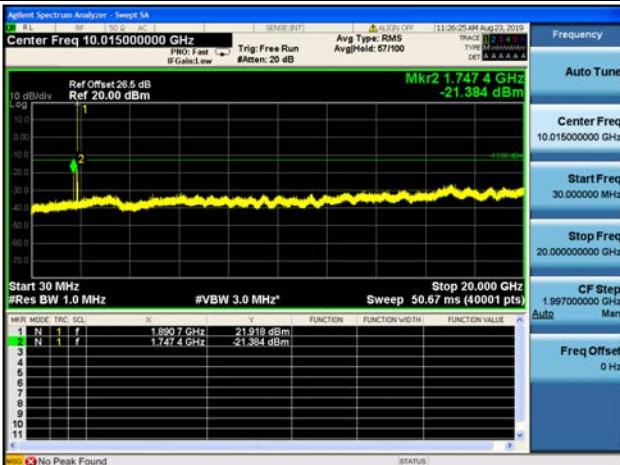
## 20MHz/QPSK/High CH



## 20MHz/16QAM/High CH



## 20MHz/64QAM/High CH



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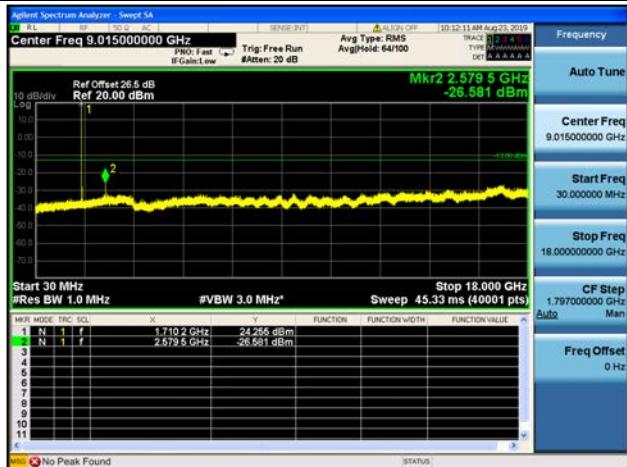
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## LTE Band 4 CSE

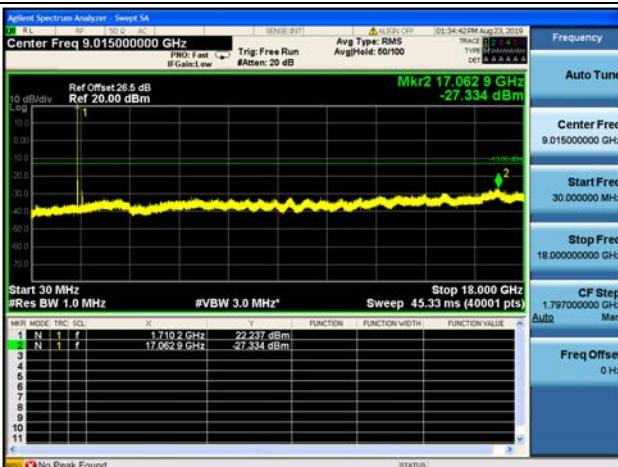
## 1.4MHz/QPSK/Low CH



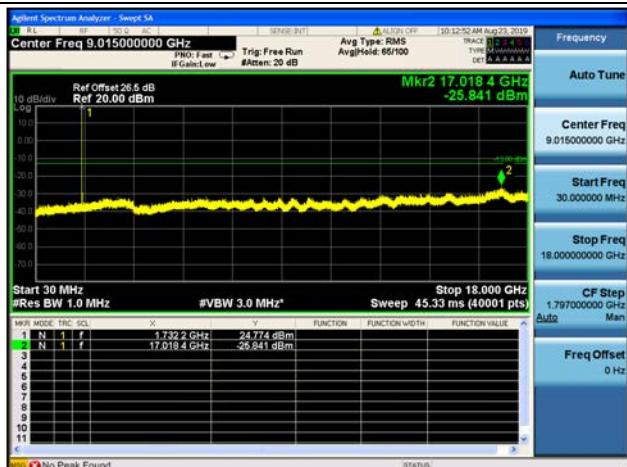
## 1.4MHz/16QAM/Low CH



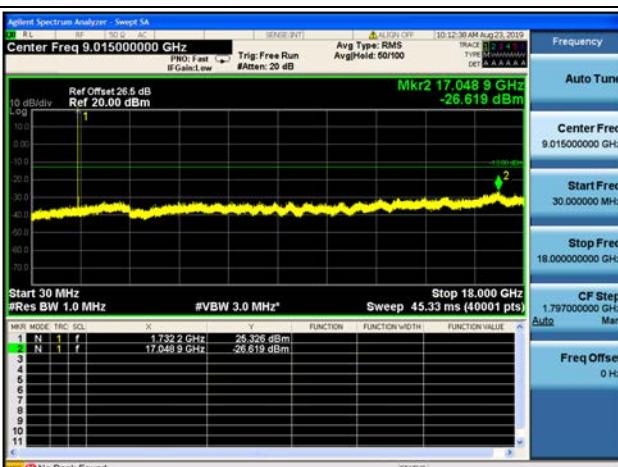
## 1.4MHz/64QAM/Mid CH



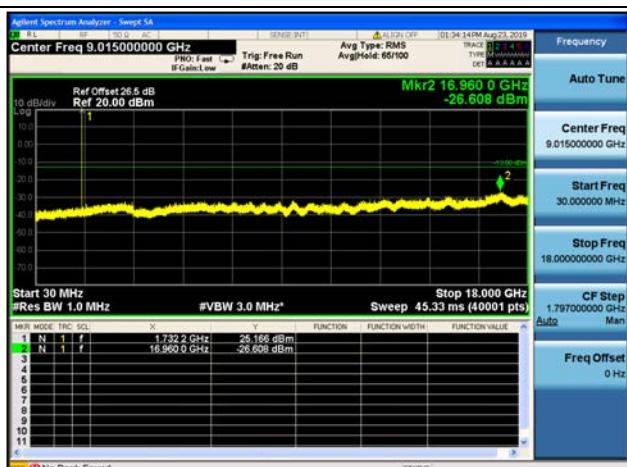
## 1.4MHz/QPSK/Mid CH



## 1.4MHz/16QAM/Mid CH



## 1.4MHz/64QAM/Mid CH



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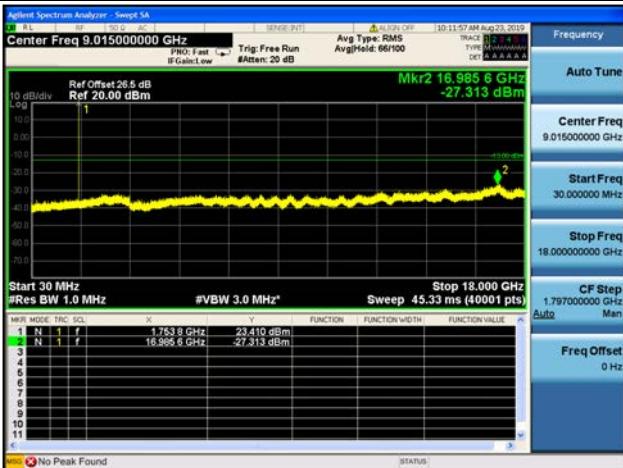
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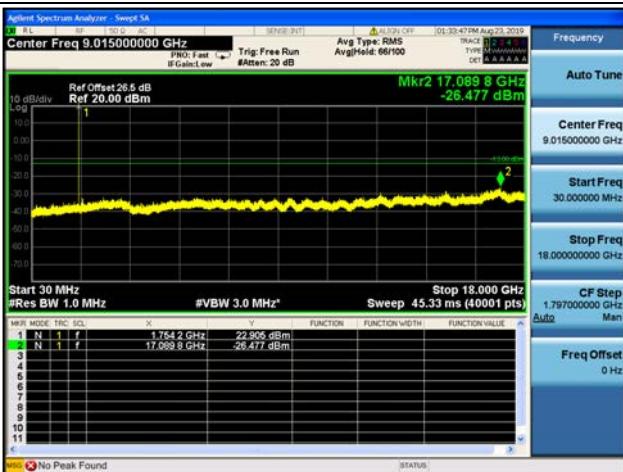
## 1.4MHz/QPSK/High CH



## 1.4MHz/16QAM/High CH



## 1.4MHz/64QAM/High CH



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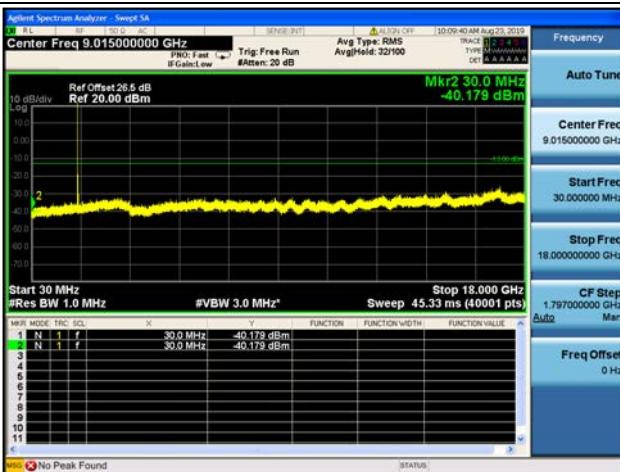
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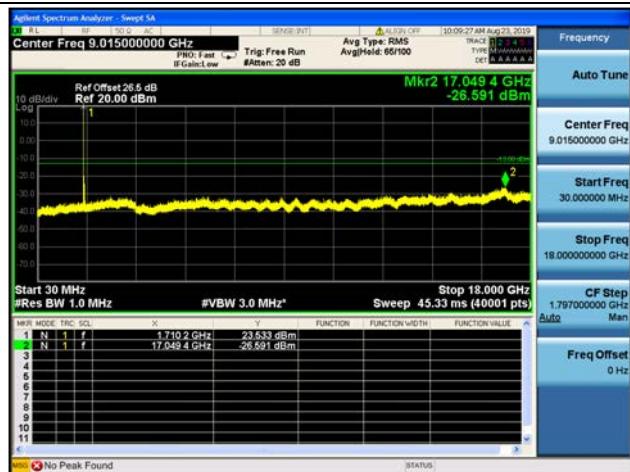
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## LTE Band 4 CSE

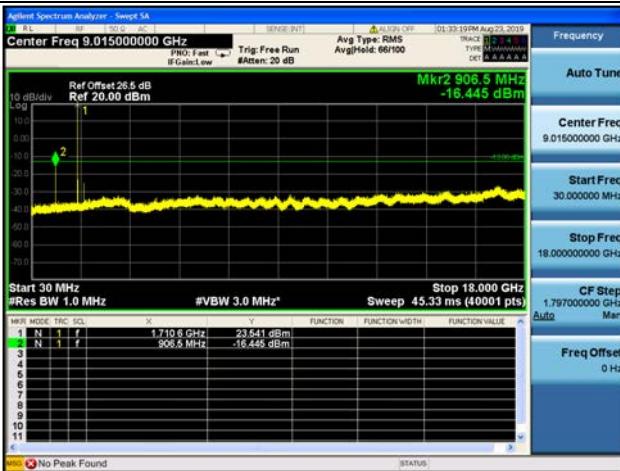
## 3MHz/QPSK/Low CH



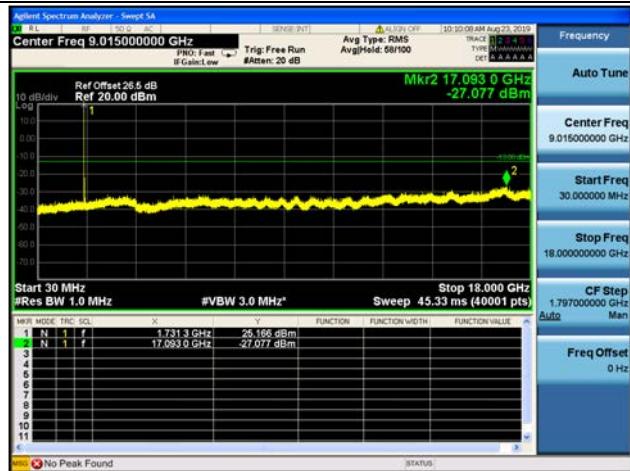
## 3MHz/16QAM/Low CH



## 3MHz/64QAM/Low CH



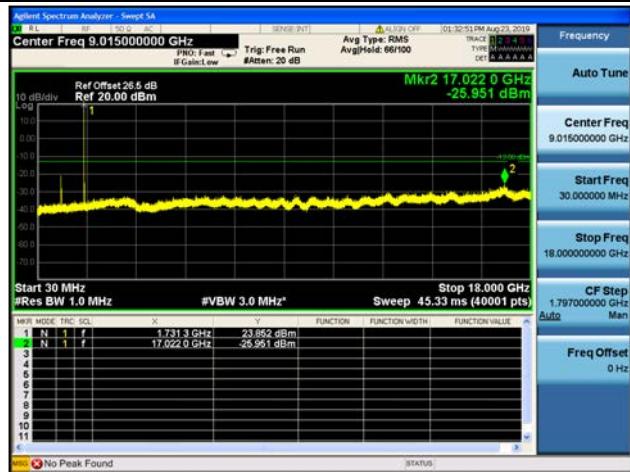
## 3MHz/QPSK/Mid CH



## 3MHz/16QAM/Mid CH



## 3MHz/64QAM/Mid CH



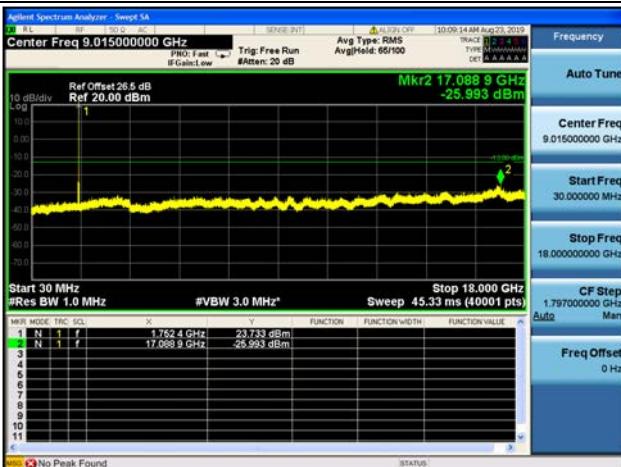
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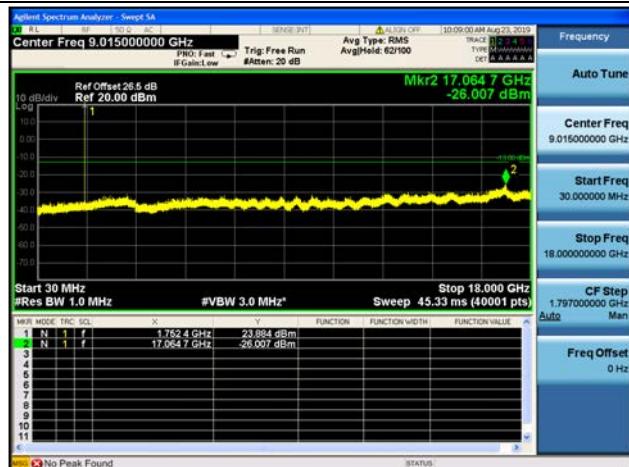


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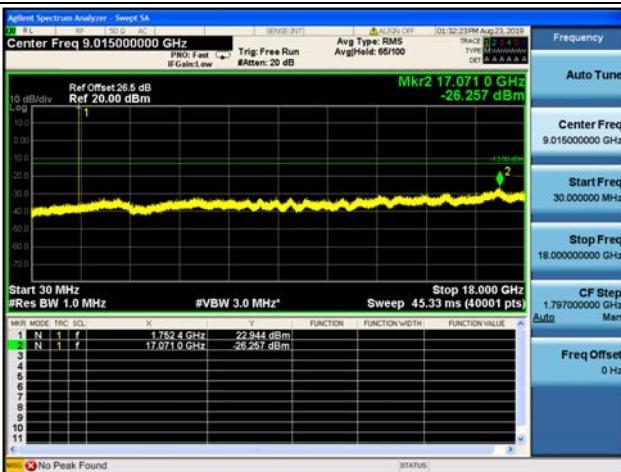
## 3MHz/QPSK/High CH



## 3MHz/16QAM/High CH



## 3MHz/64QAM/High CH



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