



REPORT No.: SZ19070119W08

LTE Band 12 Peak-to-Average Radio

3MHz/QPSK / LCH



3MHz/16QAM / LCH



3MHz/ 64QAM / LCH



3MHz/ QPSK / MCH



3MHz/16QAM / MCH



3MHz/ 64QAM / MCH

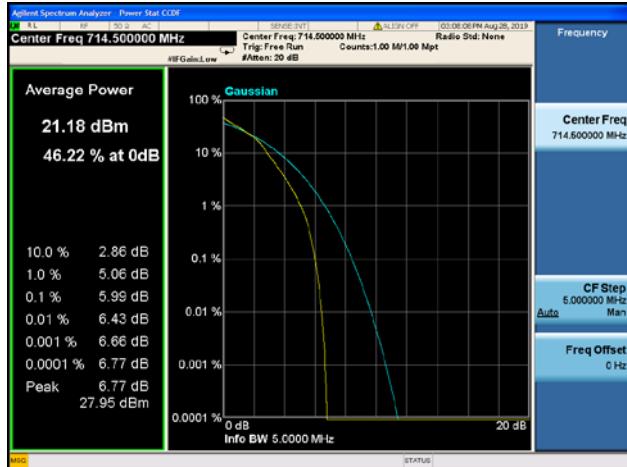


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3MHz/ QPSK / HCH

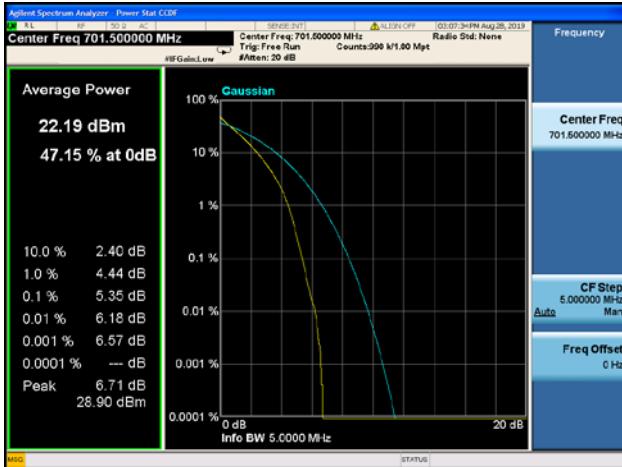
3MHz/16QAM / HCH

3MHz/ 64QAM / HCH




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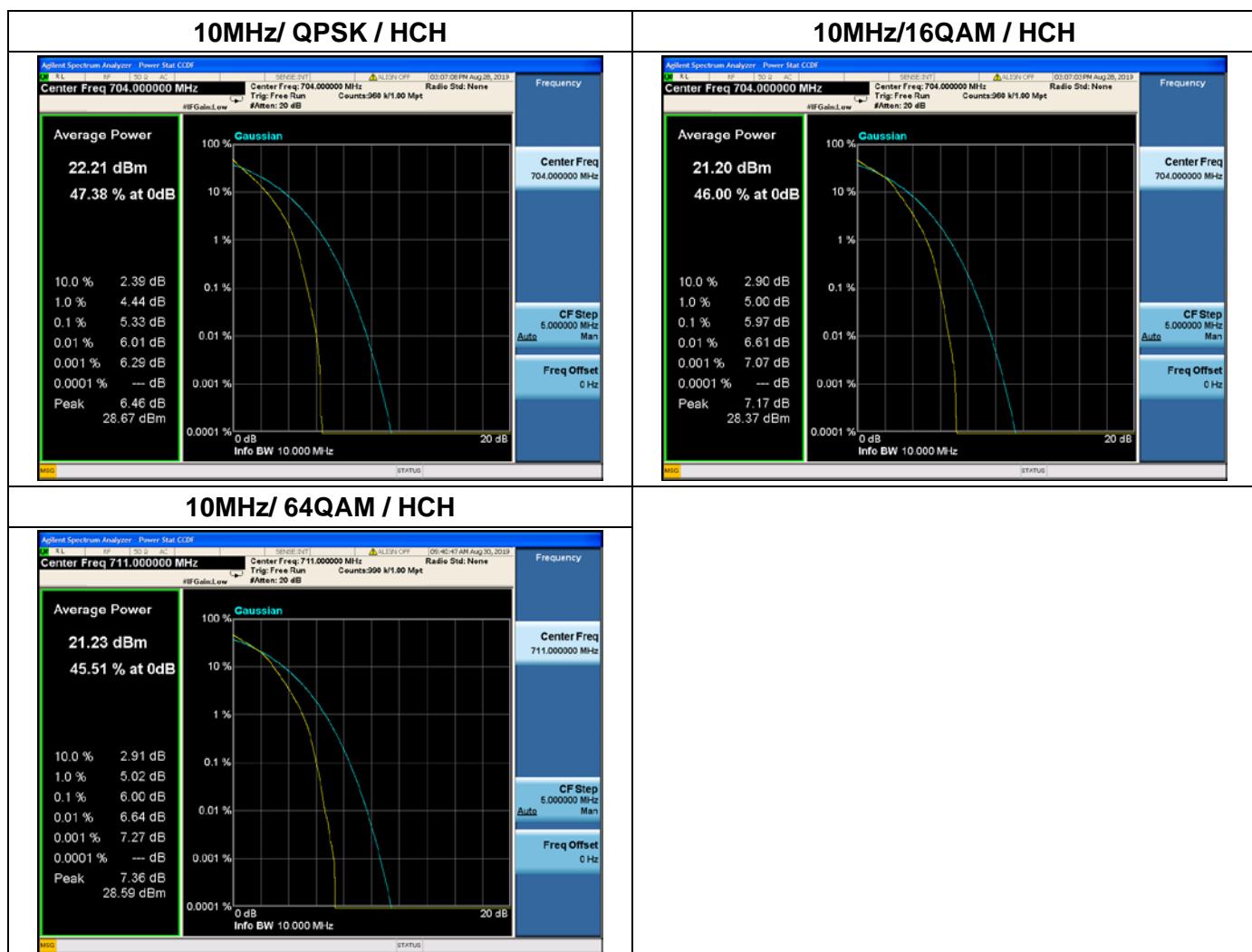
10MHz/ 64QAM / MCH



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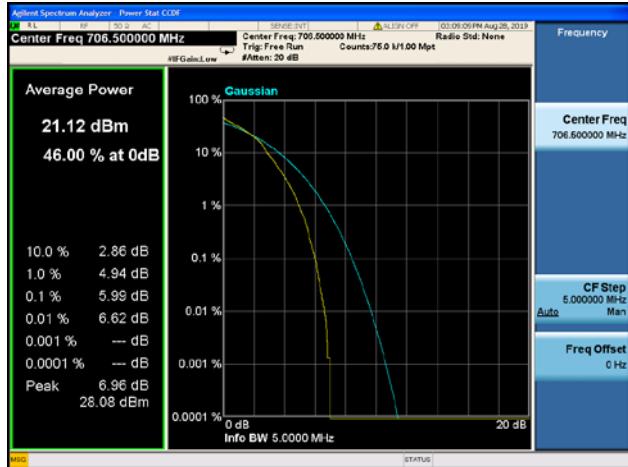
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LTE Band 17 Peak-to-Average Radio

5MHz/QPSK / LCH



5MHz/16QAM / LCH



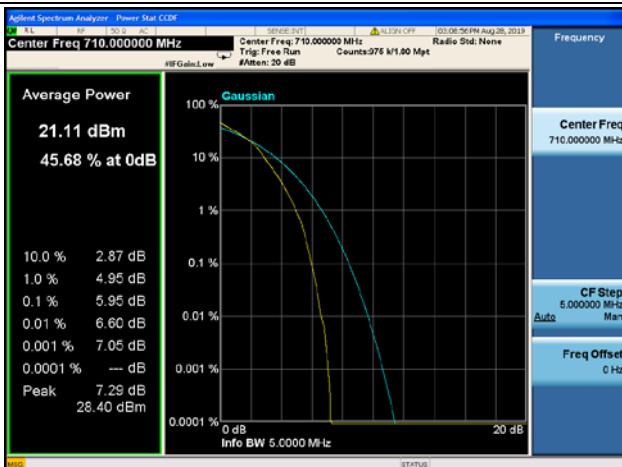
5MHz/ 64QAM / LCH



5MHz/ QPSK / MCH



5MHz/16QAM / MCH



5MHz/ 64QAM / MCH

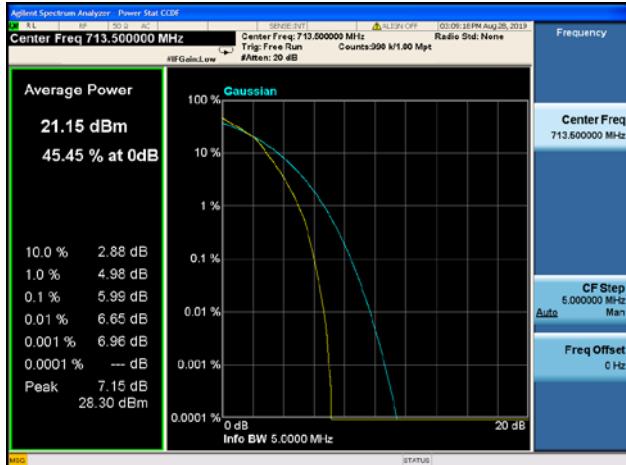


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10MHz/ QPSK / MCH



10MHz/16QAM / MCH

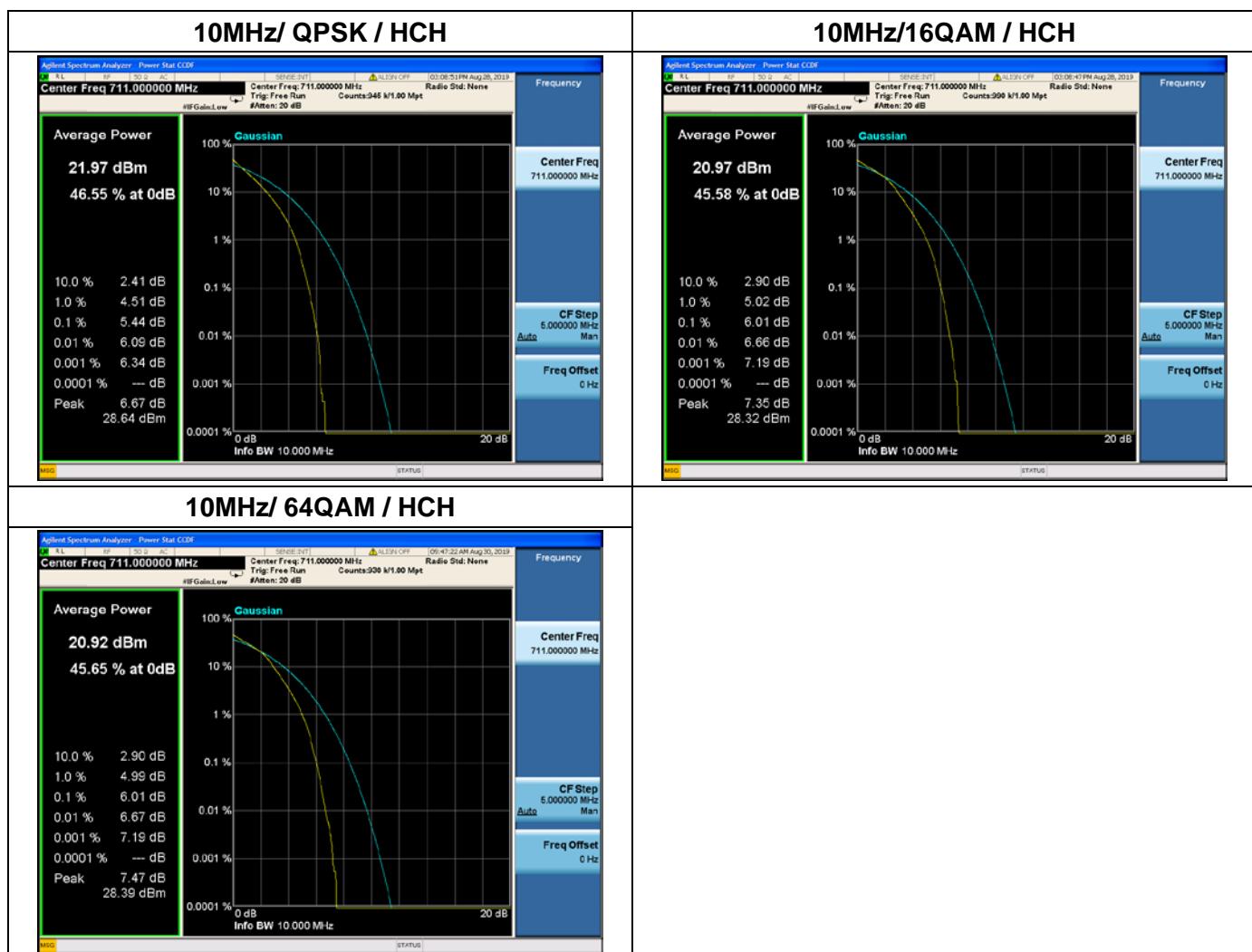


10MHz/ 64QAM / MCH



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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.

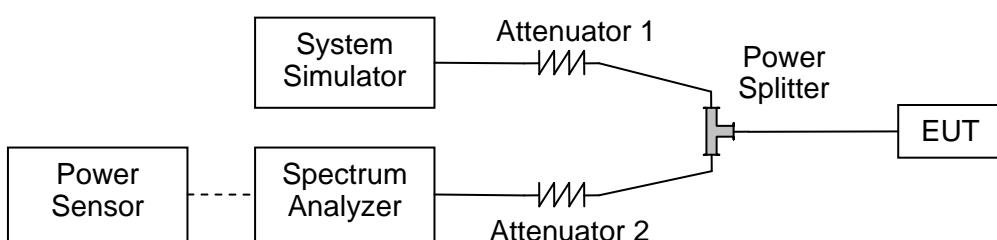
Additional requirement for LTE Band 7/38/41:

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.

Additional requirement for LTE Band 30/40:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB. This calculated to be -40dBm.

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 50 Ohm; 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.

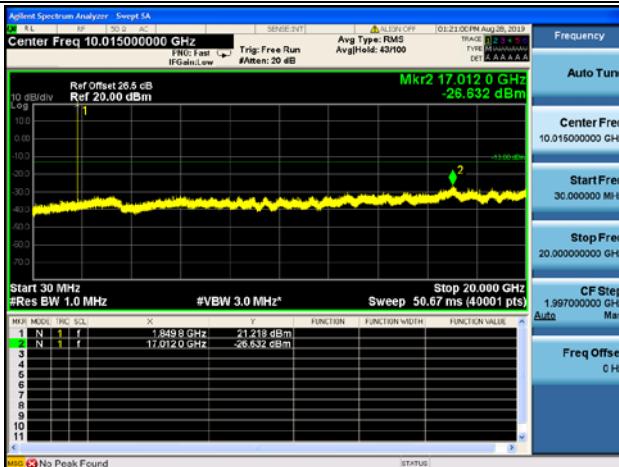
2.5.4. Test Result



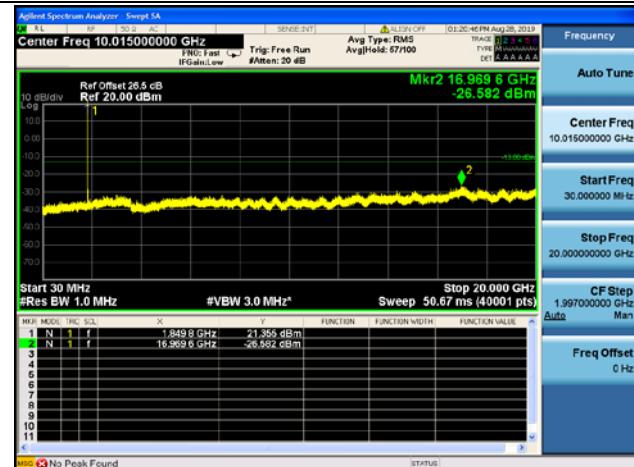
REPORT No.: SZ19070119W08

LTE Band 2 CSE

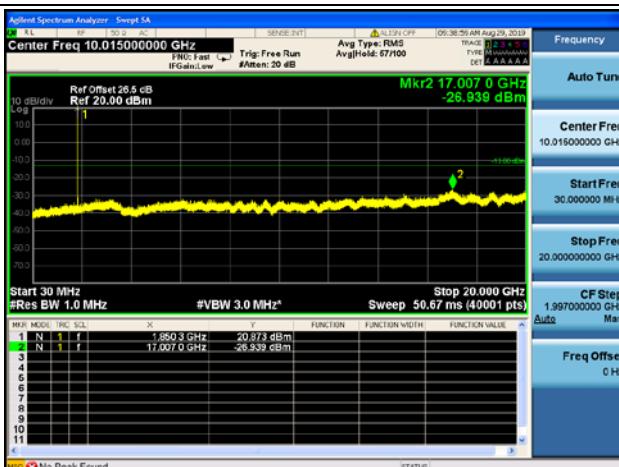
1.4MHz/QPSK/Low CH



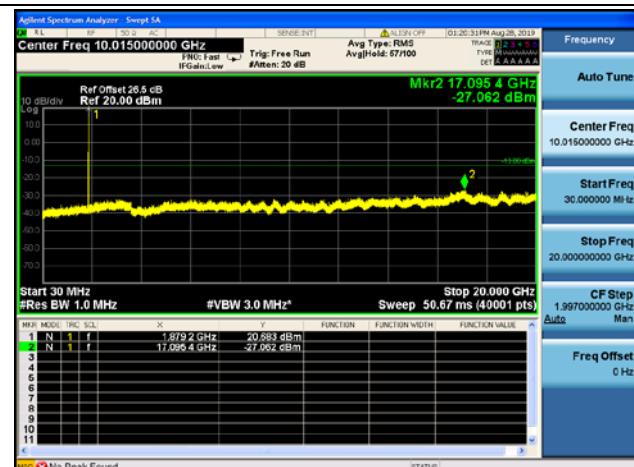
1.4MHz/16QAM/Low CH



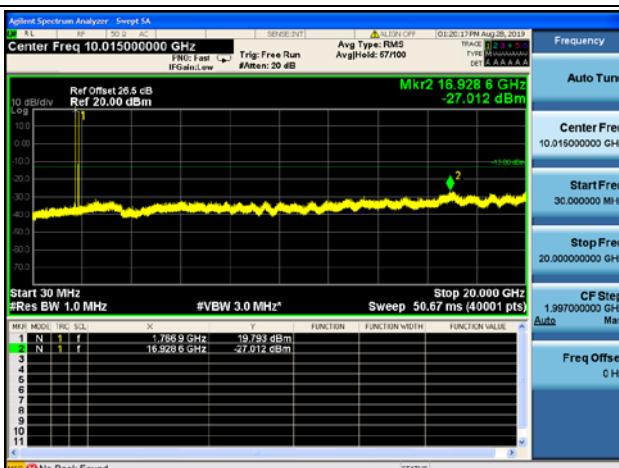
1.4MHz/64QAM/Low CH



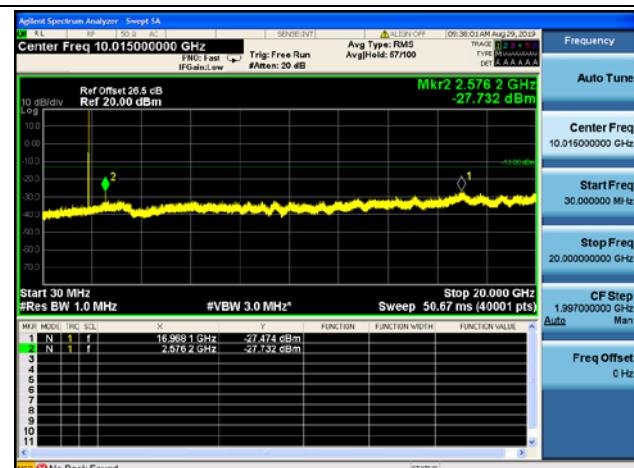
1.4MHz/QPSK/Mid CH



1.4MHz/16QAM/Mid CH



1.4MHz/64QAM/Mid CH



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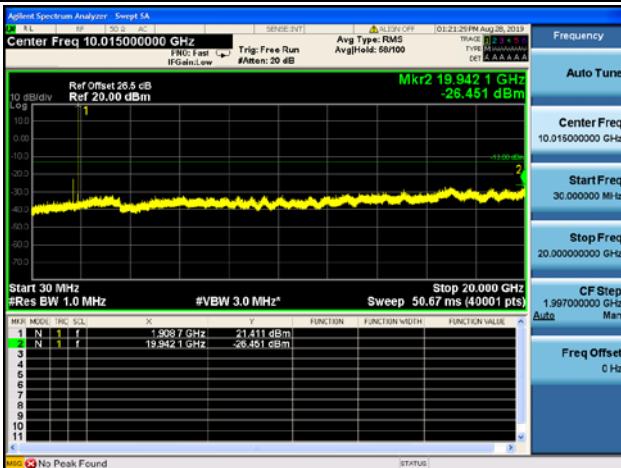
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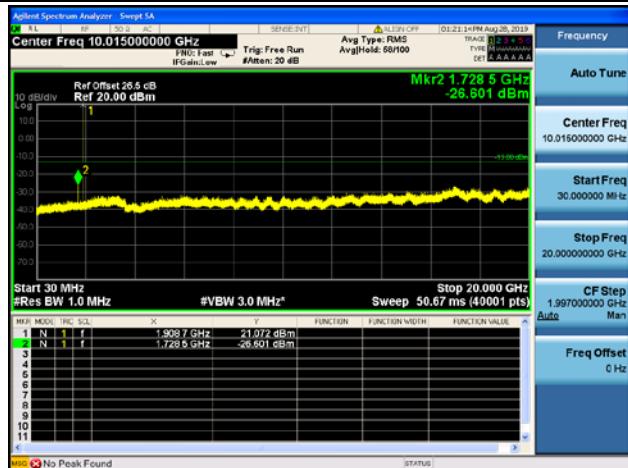


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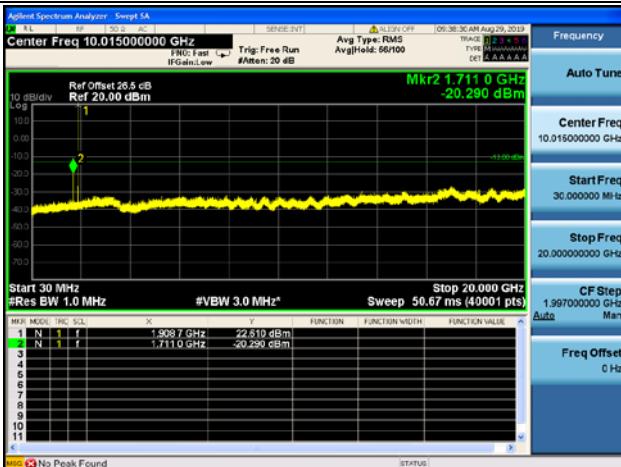
1.4MHz/QPSK/High CH



1.4MHz/16QAM/High CH



1.4MHz/64QAM/High CH



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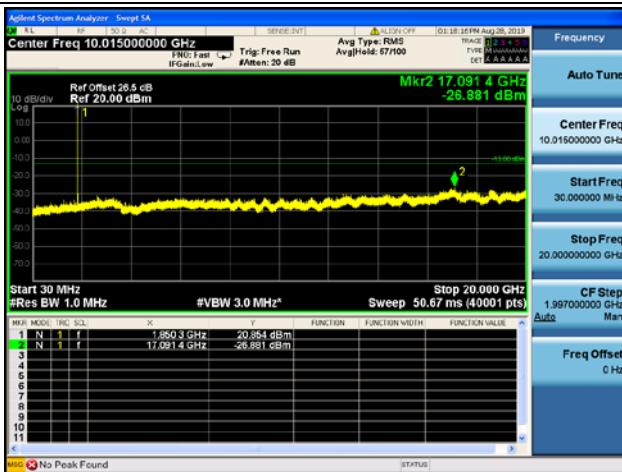
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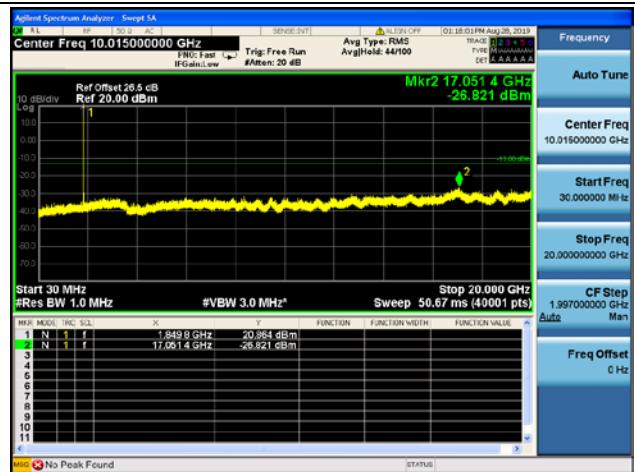
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LTE Band 2 CSE

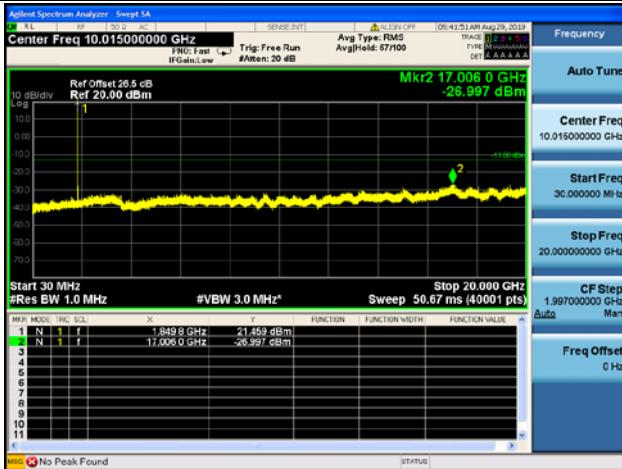
3MHz/QPSK/Low CH



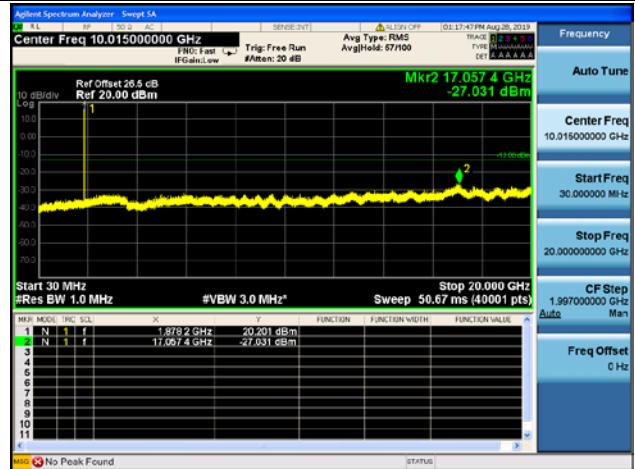
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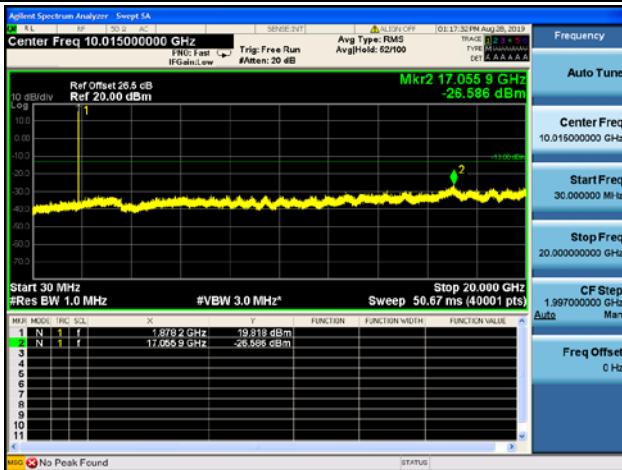
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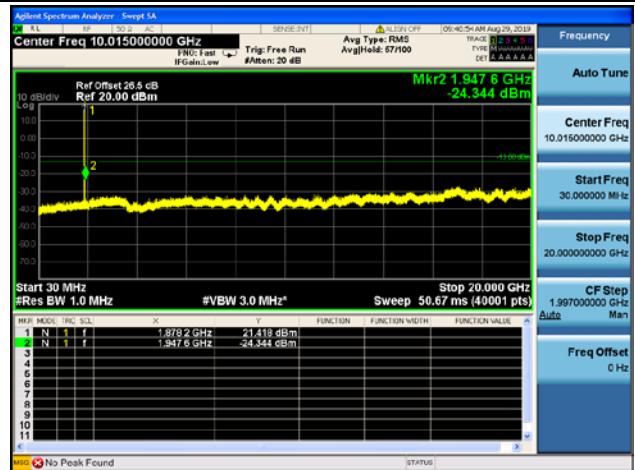
3MHz/QPSK/Mid CH



3MHz/16QAM/Mid CH



3MHz/64QAM/Mid CH



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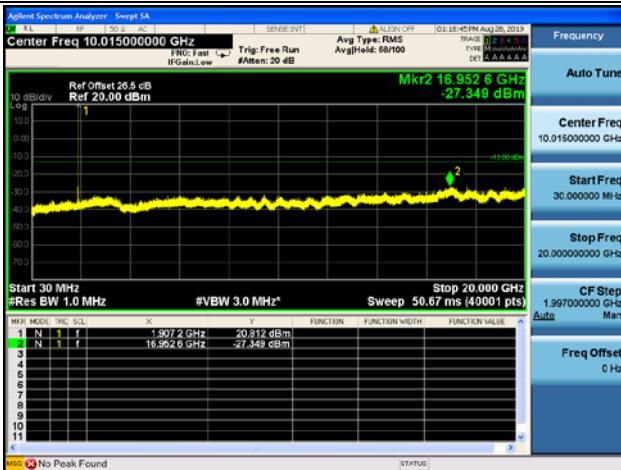
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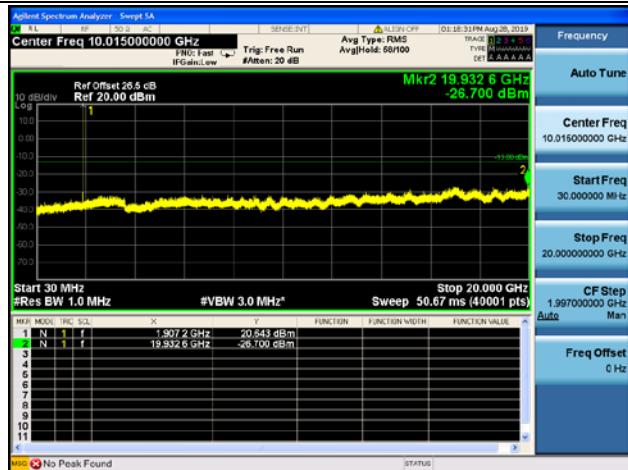


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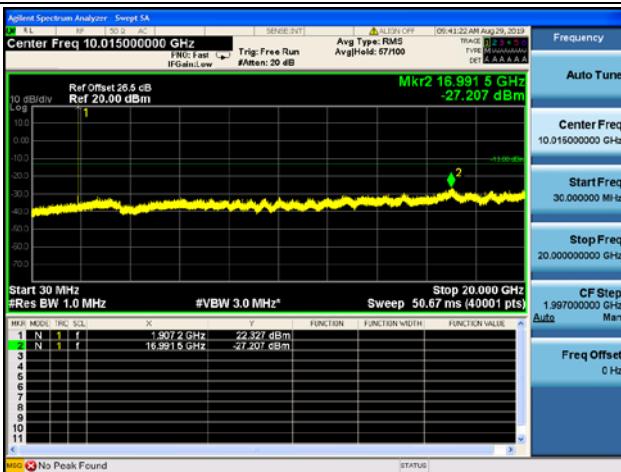
3MHz/QPSK/High CH



3MHz/16QAM/High CH



3MHz/64QAM/High CH



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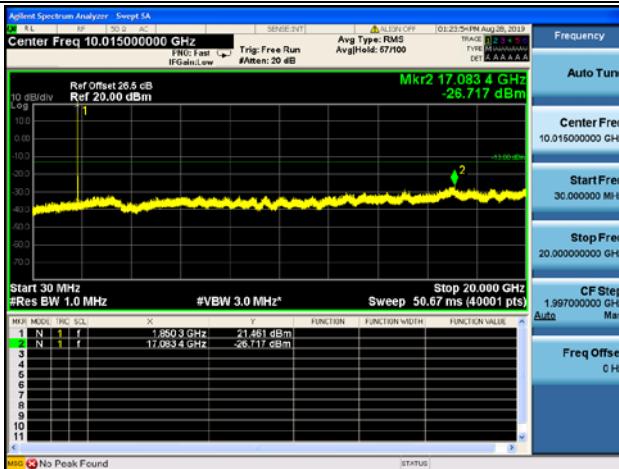
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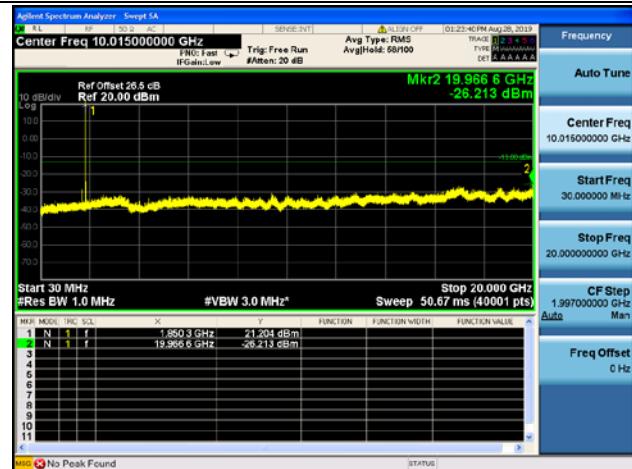
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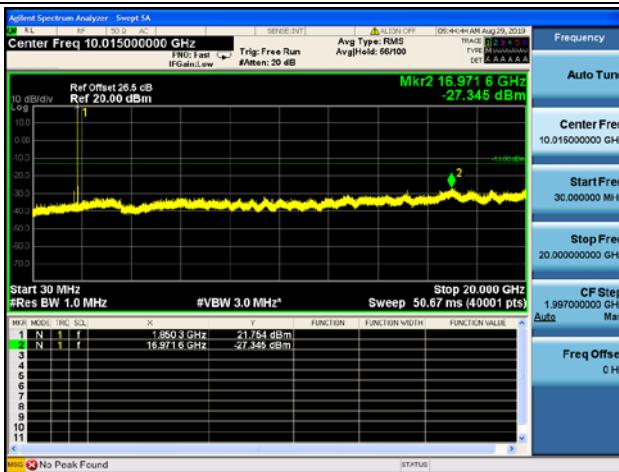
5MHz/QPSK/Low CH



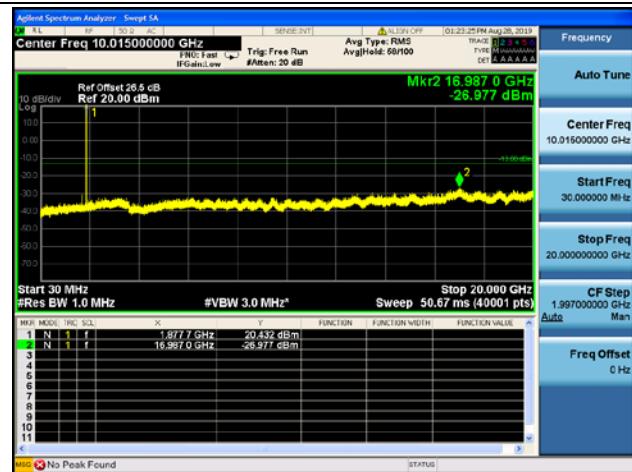
5MHz/16QAM/Low CH



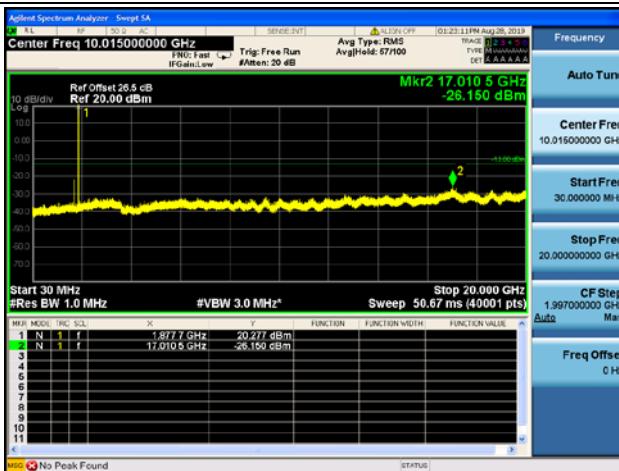
5MHz/64QAM/Low CH



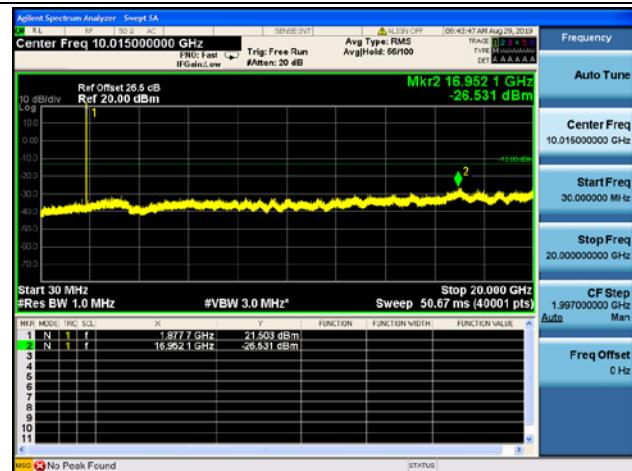
5MHz/QPSK/Mid CH



5MHz/16QAM/Mid CH



5MHz/64QAM/Mid CH



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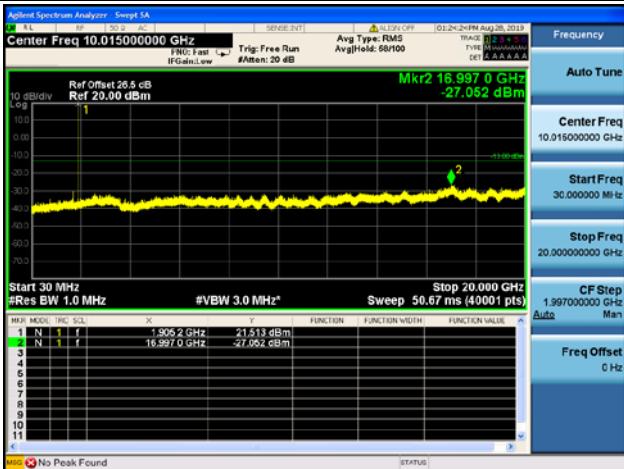
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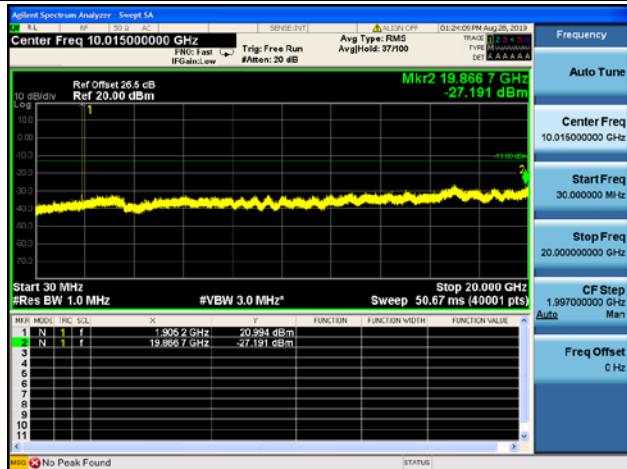


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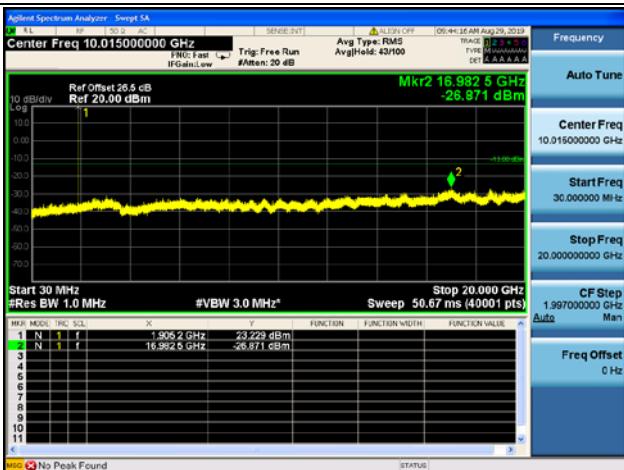
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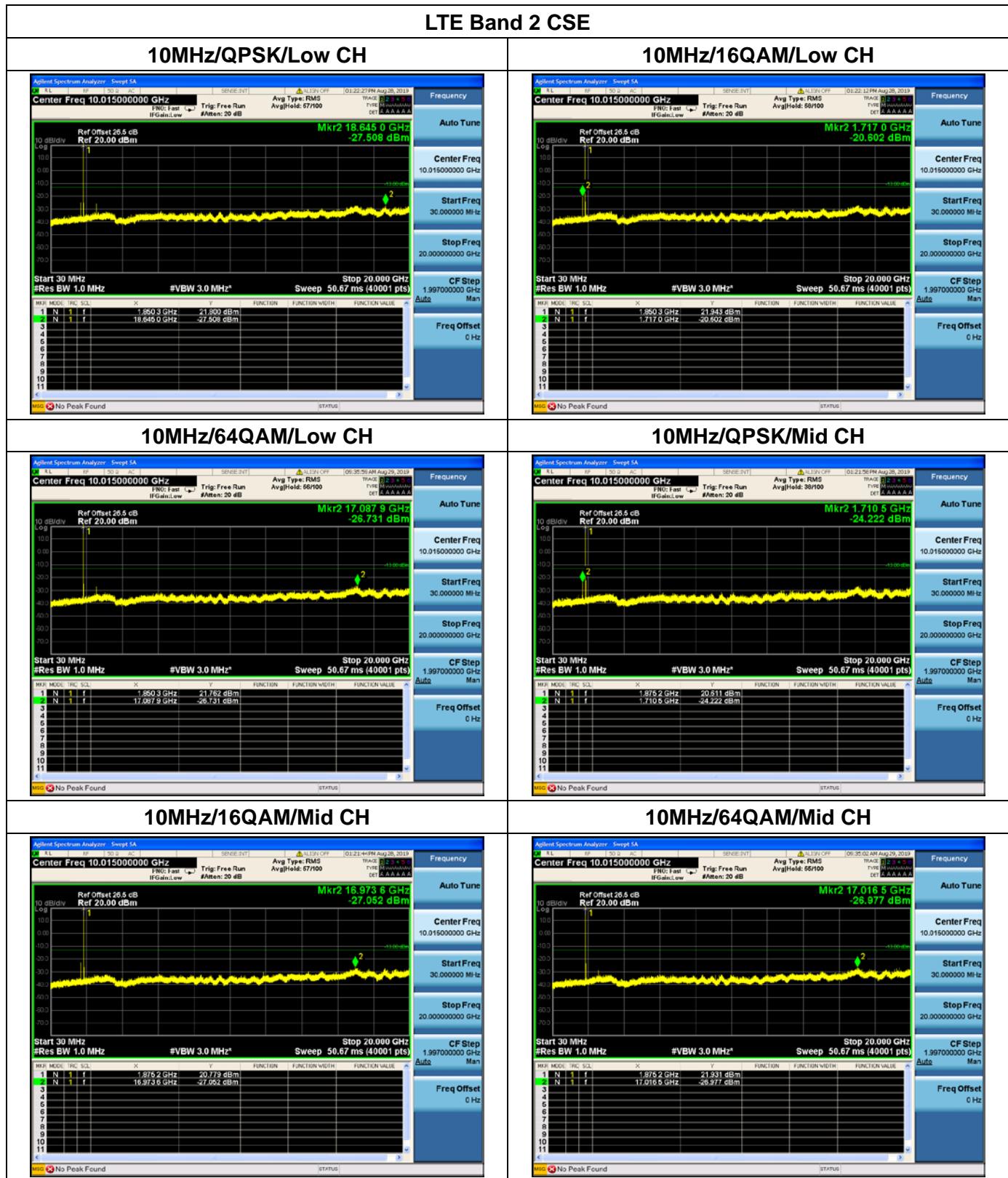
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