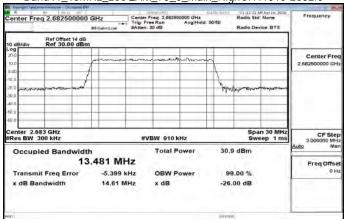
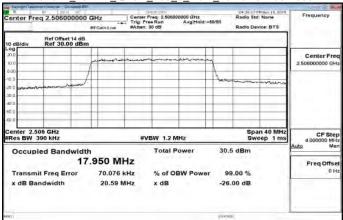


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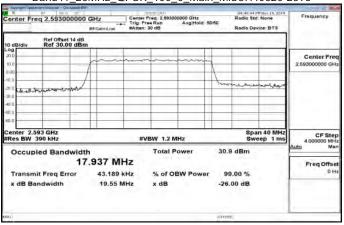
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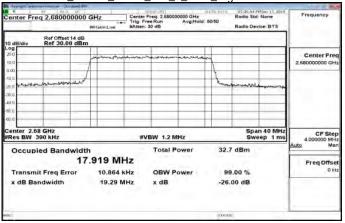
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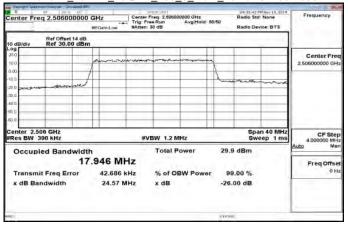
## Band41\_20MHz\_QPSK\_100\_0\_Main\_MidCH40620-2593



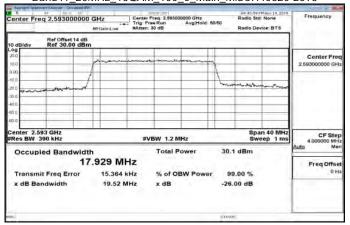
#### Band41\_20MHz\_QPSK\_100\_0\_Main\_HighCH41490-2680



## Band41\_20MHz\_16QAM\_100\_0\_Main\_LowCH39750-2506



## Band41\_20MHz\_16QAM\_100\_0\_Main\_MidCH40620-2593



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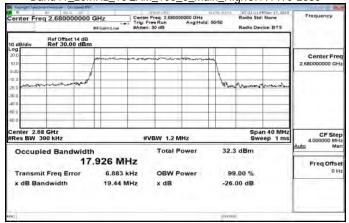
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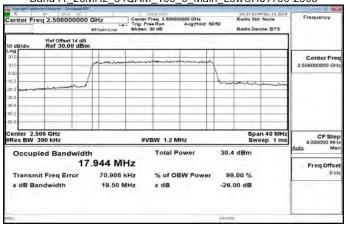


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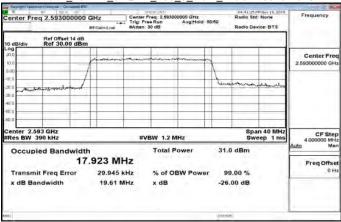
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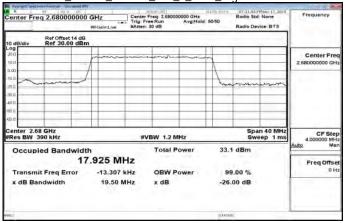
## Band41\_20MHz\_64QAM\_100\_0\_Main\_LowCH39750-2506



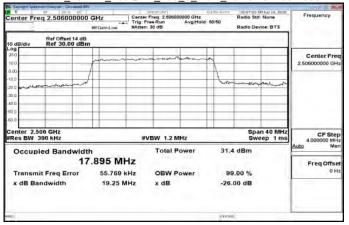
# Band41\_20MHz\_64QAM\_100\_0\_Main\_MidCH40620-2593



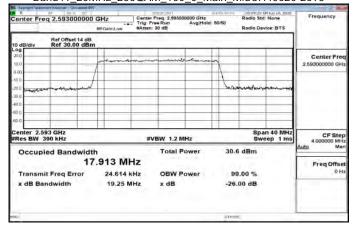
#### Band41\_20MHz\_64QAM\_100\_0\_Main\_HighCH41490-2680



## Band41\_20MHz\_256QAM\_100\_0\_Main\_LowCH39750-2506



## Band41\_20MHz\_256QAM\_100\_0\_Main\_MidCH40620-2593



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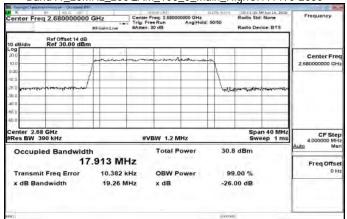
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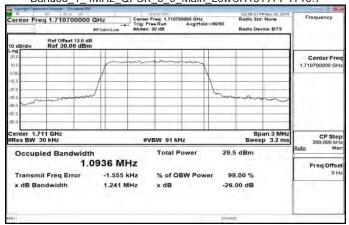


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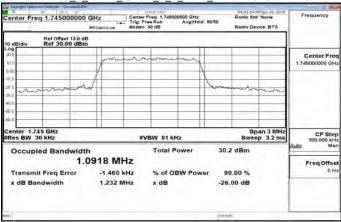
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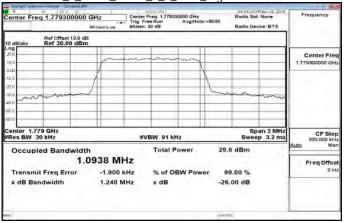
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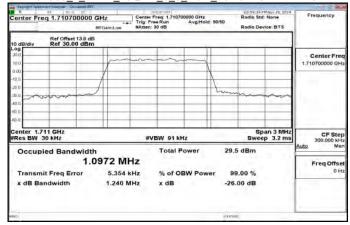
Band66\_1\_4MHz\_QPSK\_6\_0\_Main\_MidCH132322-1745



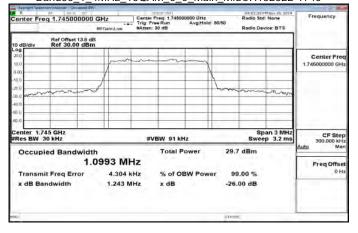
#### Band66\_1\_4MHz\_QPSK\_6\_0\_Main\_HighCH132665-1779.3



Band66\_1\_4MHz\_16QAM\_6\_0\_Main\_LowCH131979-1710.7



Band66\_1\_4MHz\_16QAM\_6\_0\_Main\_MidCH132322-1745



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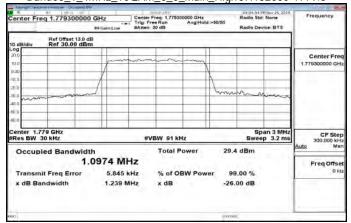
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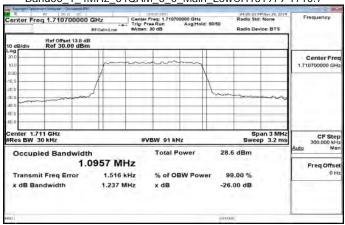


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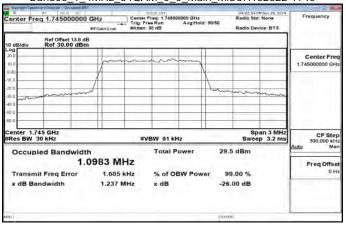
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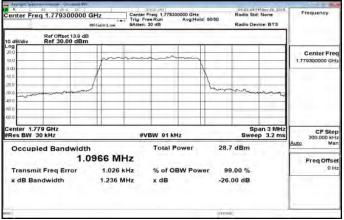
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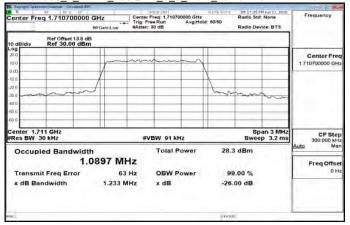
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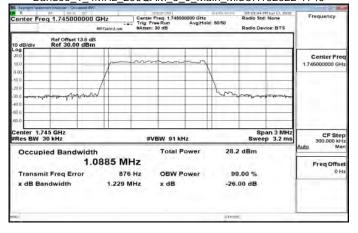
#### Band66\_1\_4MHz\_64QAM\_6\_0\_Main\_HighCH132665-1779.3



#### Band66\_1\_4MHz\_256QAM\_6\_0\_Main\_LowCH131979-1710.7



Band66\_1\_4MHz\_256QAM\_6\_0\_Main\_MidCH132322-1745



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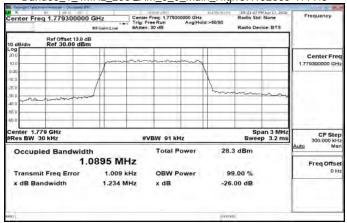
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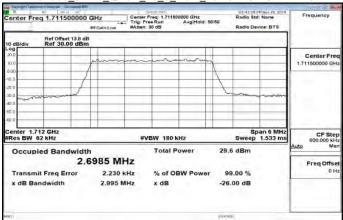


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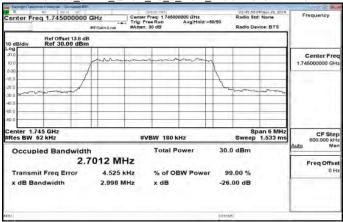
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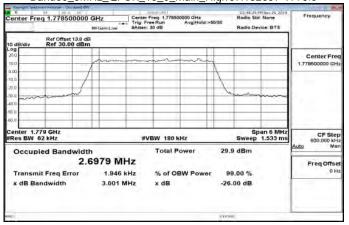
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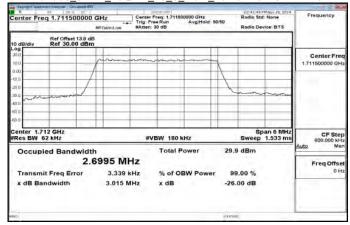
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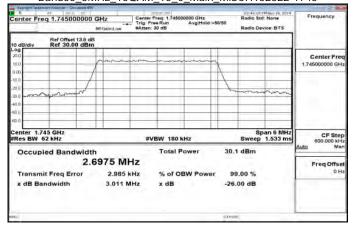
## Band66\_3MHz\_QPSK\_15\_0\_Main\_HighCH132657-1778.5



## Band66\_3MHz\_16QAM\_15\_0\_Main\_LowCH131987-1711.5



## Band66\_3MHz\_16QAM\_15\_0\_Main\_MidCH132322-1745



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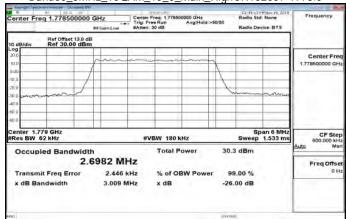
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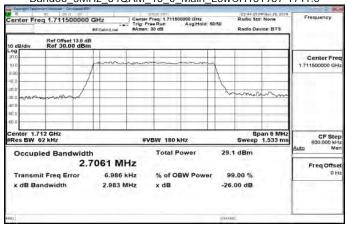


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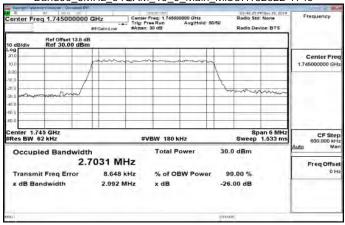
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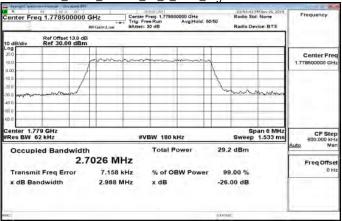
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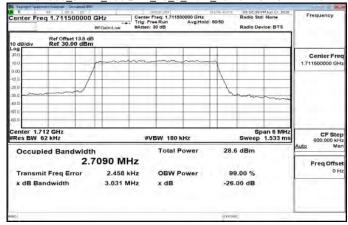
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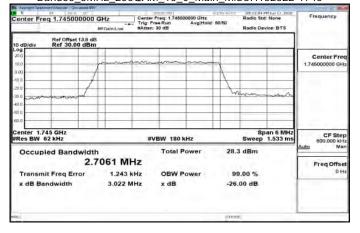
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## Band66\_3MHz\_256QAM\_15\_0\_Main\_LowCH131987-1711.5



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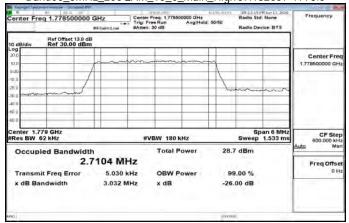
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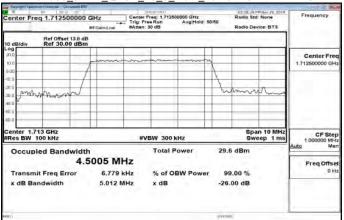


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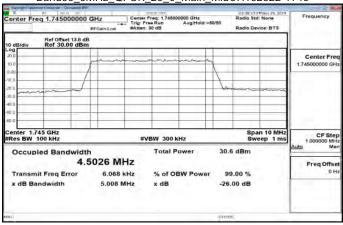
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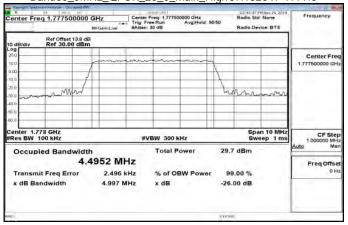
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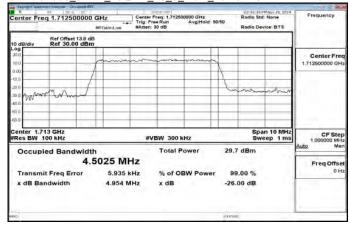
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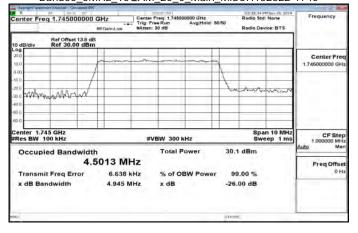
## Band66\_5MHz\_QPSK\_25\_0\_Main\_HighCH132647-1777.5



#### Band66\_5MHz\_16QAM\_25\_0\_Main\_LowCH131997-1712.5



## Band66\_5MHz\_16QAM\_25\_0\_Main\_MidCH132322-1745



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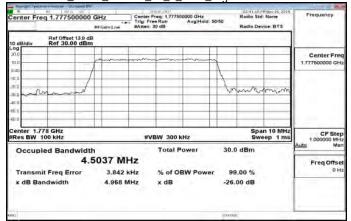
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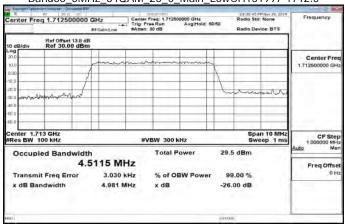


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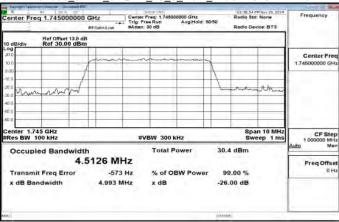
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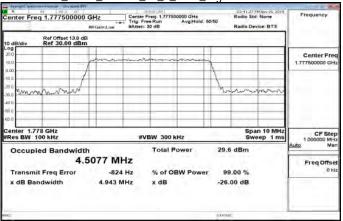
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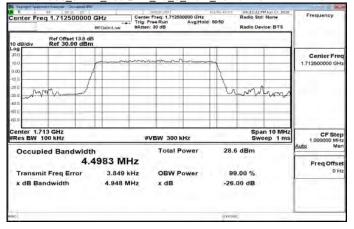
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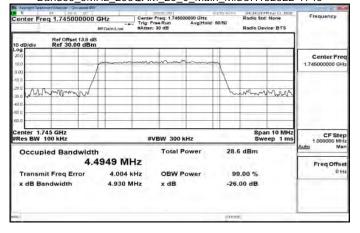
#### Band66\_5MHz\_64QAM\_25\_0\_Main\_HighCH132647-1777.5



## Band66\_5MHz\_256QAM\_25\_0\_Main\_LowCH131997-1712.5



## Band66\_5MHz\_256QAM\_25\_0\_Main\_MidCH132322-1745



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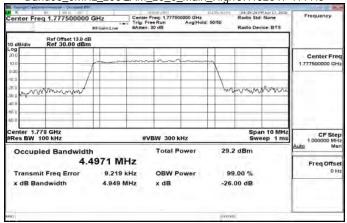
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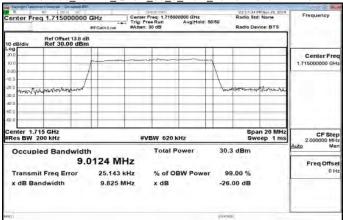


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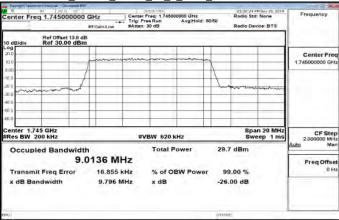
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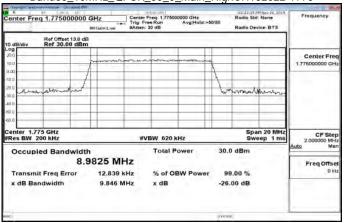
## Band66\_10MHz\_QPSK\_50\_0\_Main\_LowCH132022-1715



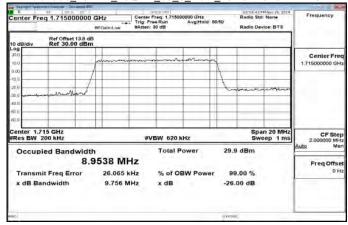
# Band66\_10MHz\_QPSK\_50\_0\_Main\_MidCH132322-1745



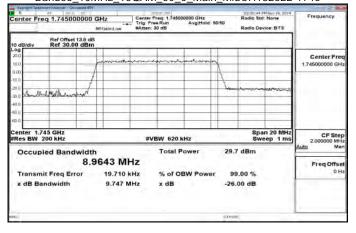
#### Band66 10MHz QPSK 50 0 Main HighCH132622-1775



## Band66\_10MHz\_16QAM\_50\_0\_Main\_LowCH132022-1715



# Band66\_10MHz\_16QAM\_50\_0\_Main\_MidCH132322-1745



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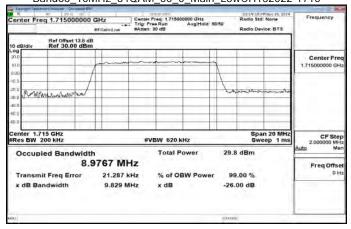


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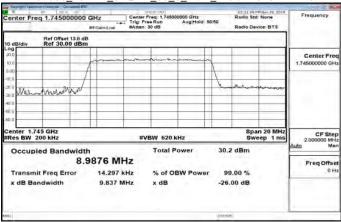
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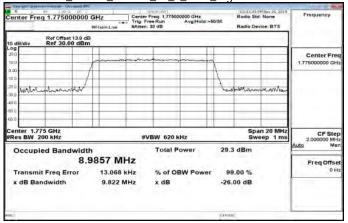
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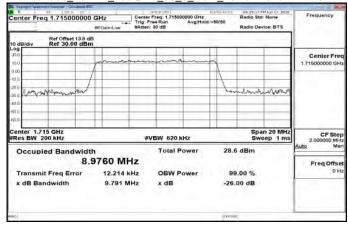
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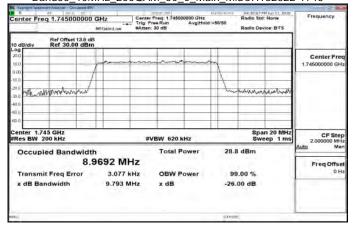
#### Band66\_10MHz\_64QAM\_50\_0\_Main\_HighCH132622-1775



## Band66\_10MHz\_256QAM\_50\_0\_Main\_LowCH132022-1715



## Band66\_10MHz\_256QAM\_50\_0\_Main\_MidCH132322-1745



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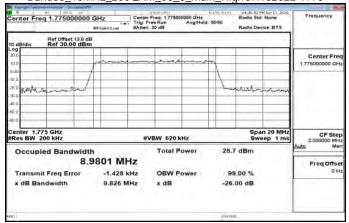
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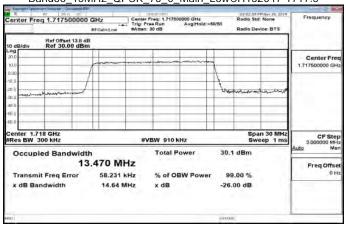


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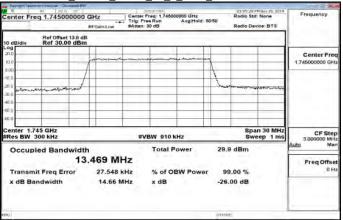
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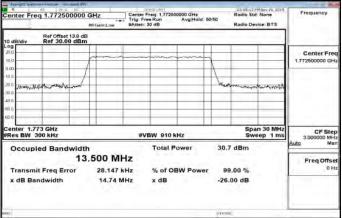
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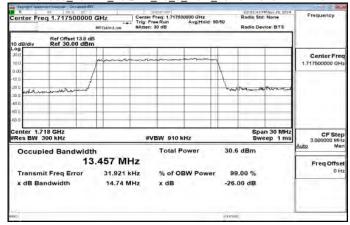
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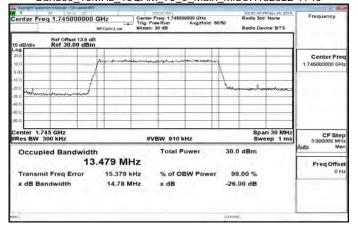
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## Band66\_15MHz\_16QAM\_75\_0\_Main\_LowCH132047-1717.5



# Band66\_15MHz\_16QAM\_75\_0\_Main\_MidCH132322-1745



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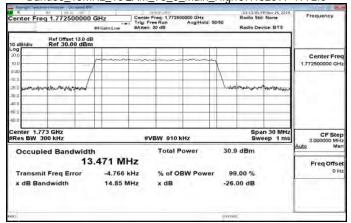
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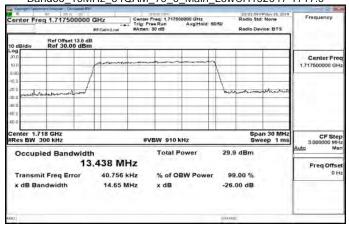


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## Band66\_15MHz\_16QAM\_75\_0\_Main\_HighCH132597-1772.5



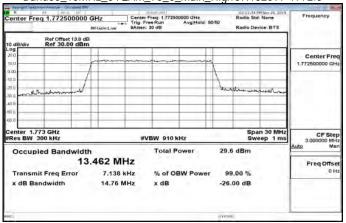
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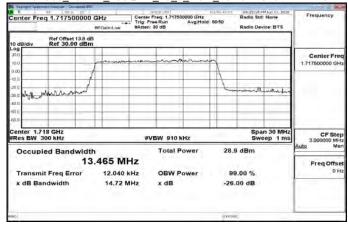
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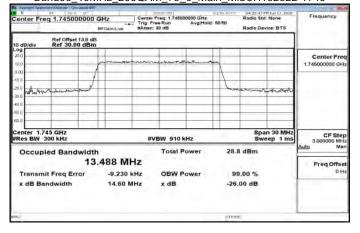
#### Band66 15MHz 64QAM 75 0 Main HighCH132597-1772.5



## Band66\_15MHz\_256QAM\_75\_0\_Main\_LowCH132047-1717.5



# Band66\_15MHz\_256QAM\_75\_0\_Main\_MidCH132322-1745



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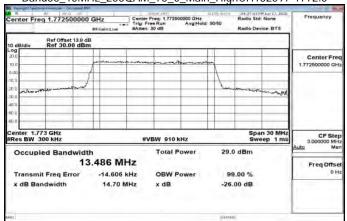
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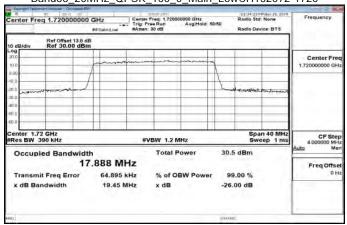


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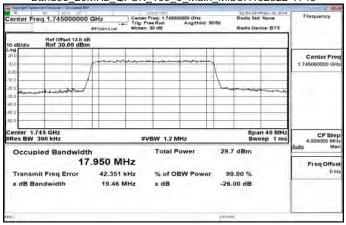
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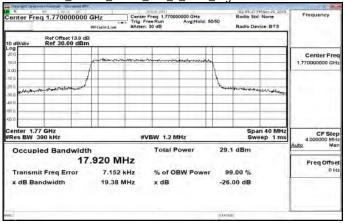
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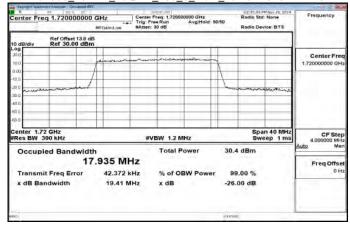
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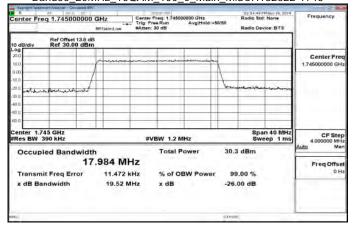
#### Band66\_20MHz\_QPSK\_100\_0\_Main\_HighCH132572-1770



## Band66\_20MHz\_16QAM\_100\_0\_Main\_LowCH132072-1720



## Band66\_20MHz\_16QAM\_100\_0\_Main\_MidCH132322-1745



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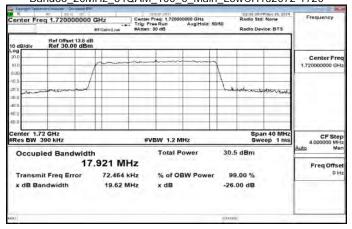


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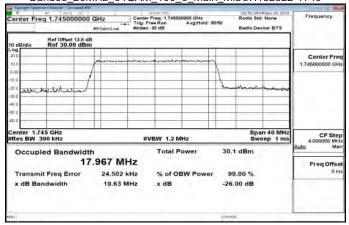
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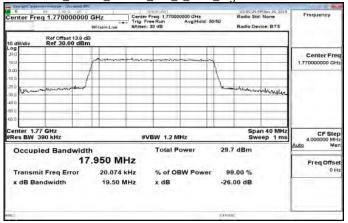
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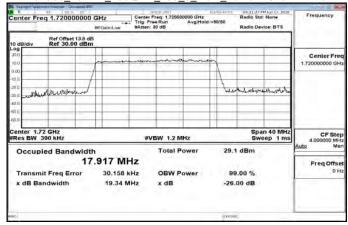
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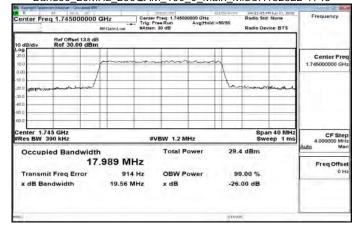
#### Band66\_20MHz\_64QAM\_100\_0\_Main\_HighCH132572-1770



## Band66\_20MHz\_256QAM\_100\_0\_Main\_LowCH132072-1720



## Band66\_20MHz\_256QAM\_100\_0\_Main\_MidCH132322-1745



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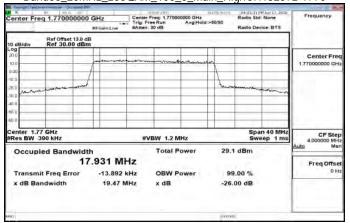
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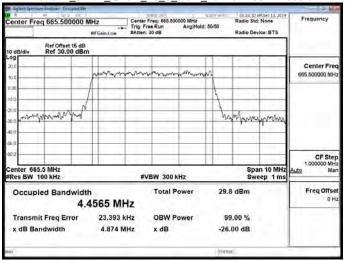


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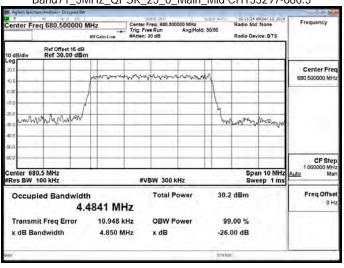
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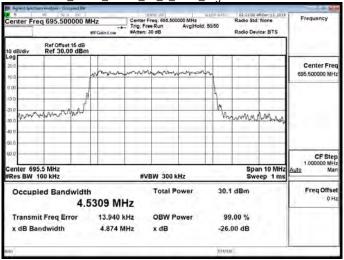
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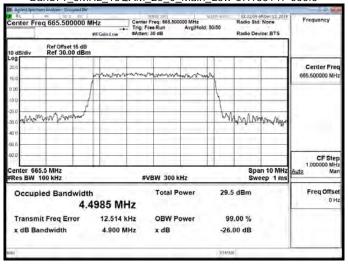
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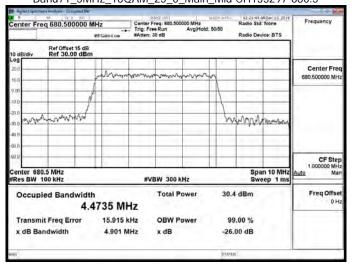
#### Band71 5MHz QPSK 25 0 Main High CH133447-695.5



## Band71\_5MHz\_16QAM\_25\_0\_Main\_Low CH133147-665.5



## Band71 5MHz 16QAM 25 0 Main Mid CH133297-680.5



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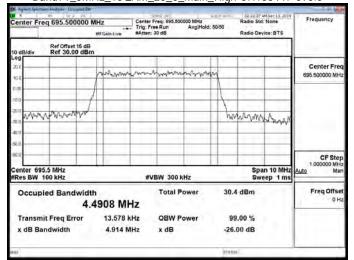
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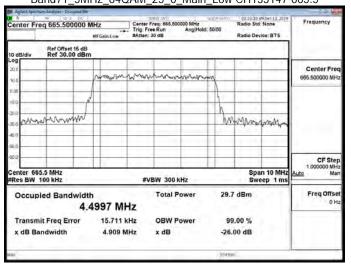


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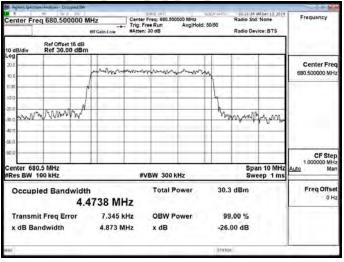
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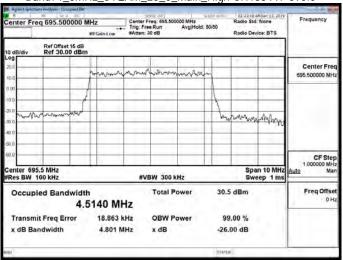
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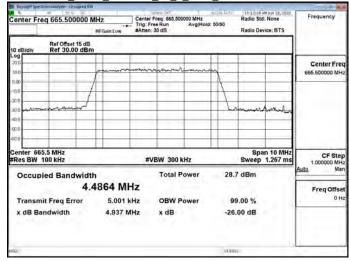
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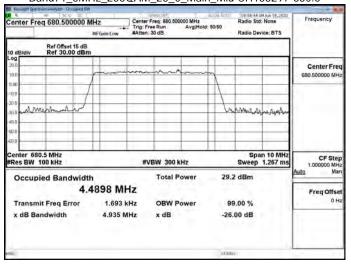
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#### Band71\_5MHz\_256QAM\_25\_0\_Main\_Low CH133147-665.5



## Band71\_5MHz\_256QAM\_25\_0\_Main\_Mid CH133297-680.5



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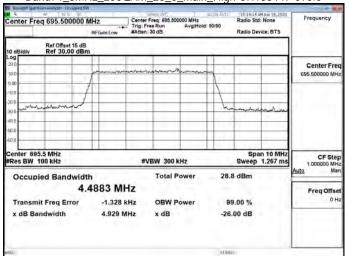
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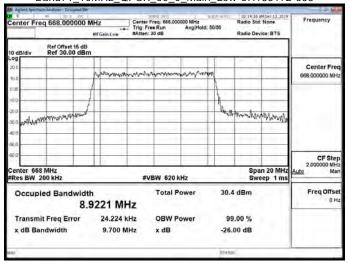


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#### Band71 5MHz 256QAM 25 0 Main High CH133447-695.5



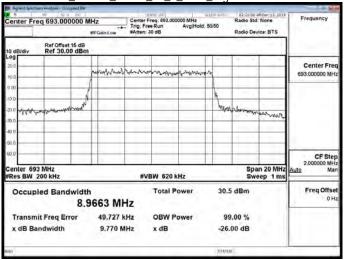
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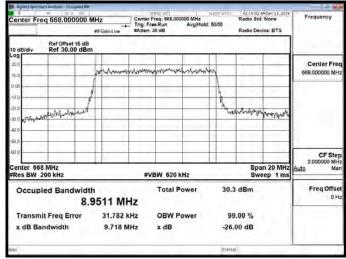
## Band71 10MHz QPSK 50 0 Main Mid CH133297-680.5



#### Band71\_10MHz\_QPSK\_50\_0\_Main\_High CH133422-693



## Band71\_10MHz\_16QAM\_50\_0\_Main\_Low CH133172-668



# Band71\_10MHz\_16QAM\_50\_0\_Main\_Mid CH133297-680.5



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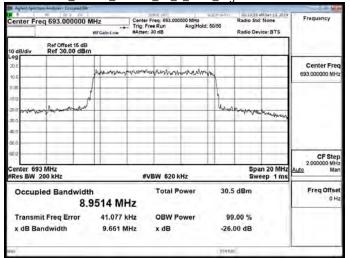
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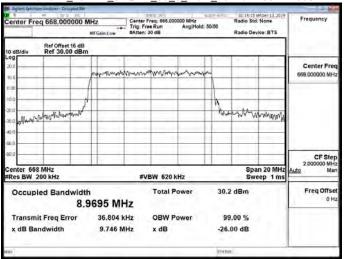


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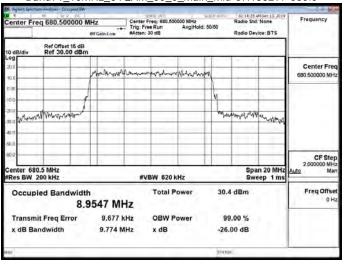
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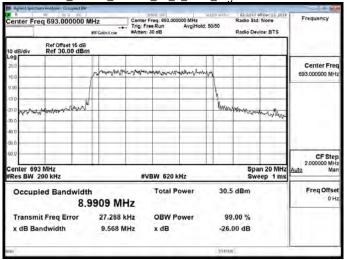
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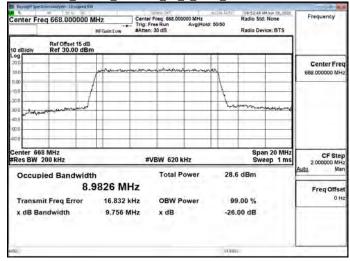
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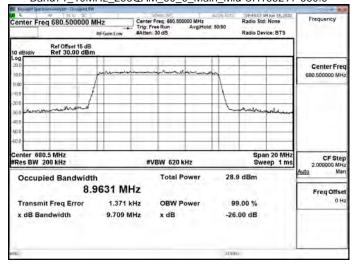
#### Band71 10MHz 64QAM 50 0 Main High CH133422-693



#### Band71\_10MHz\_256QAM\_50\_0\_Main\_Low CH133172-668



# Band71\_10MHz\_256QAM\_50\_0\_Main\_Mid CH133297-680.5



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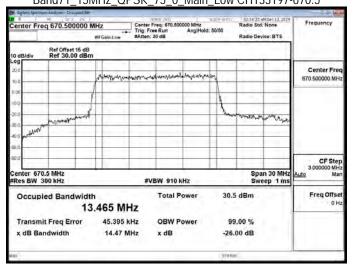


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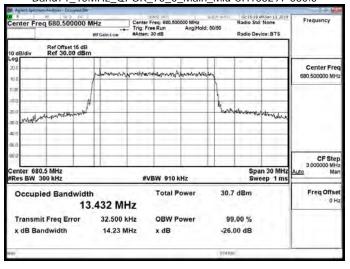
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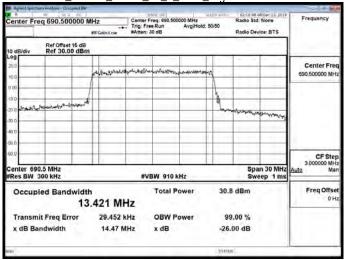
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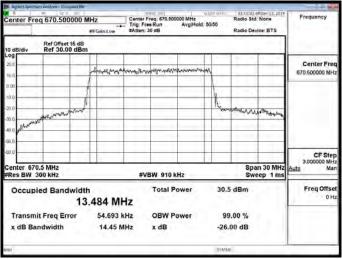
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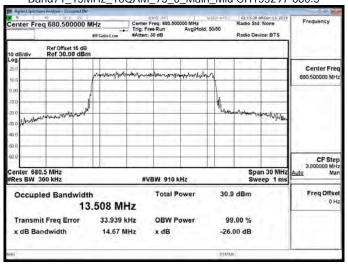
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## Band71\_15MHz\_16QAM\_75\_0\_Main\_Low CH133197-670.5



## Band71 15MHz 16QAM 75 0 Main Mid CH133297-680.5



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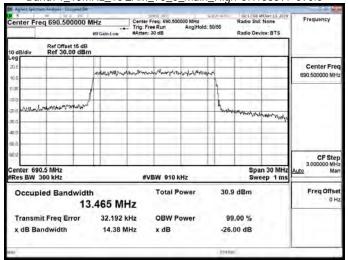
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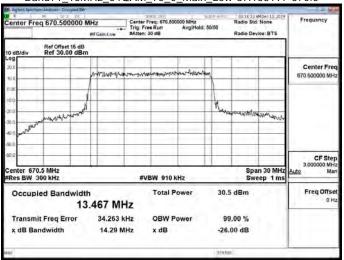


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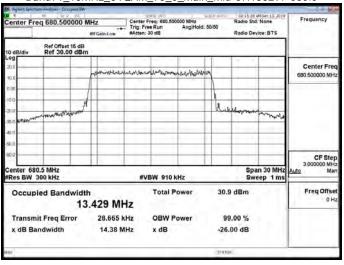
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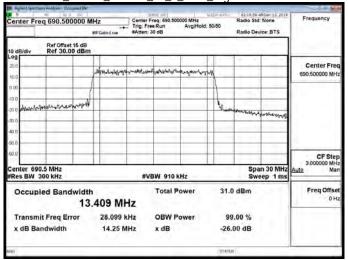
## Band71\_15MHz\_64QAM\_75\_0\_Main\_Low CH133197-670.5



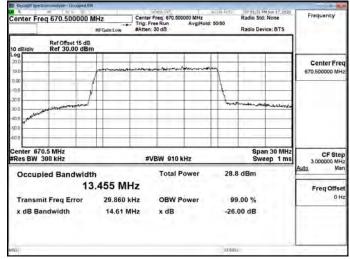
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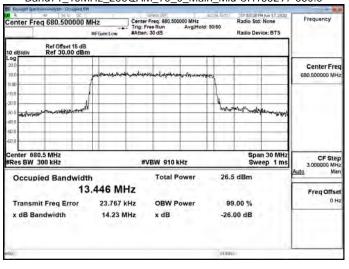
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## Band71\_15MHz\_256QAM\_75\_0\_Main\_Low CH133197-670.5



# Band71\_15MHz\_256QAM\_75\_0\_Main\_Mid CH133297-680.5



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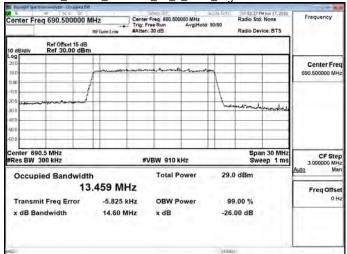
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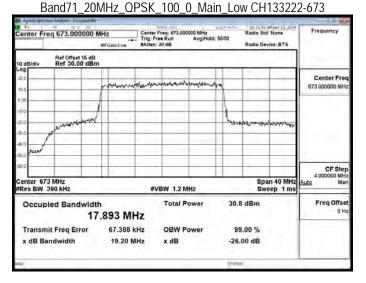


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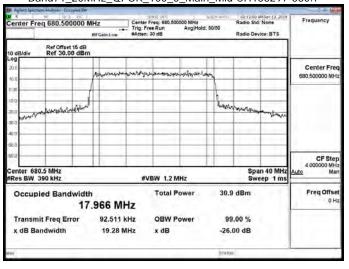




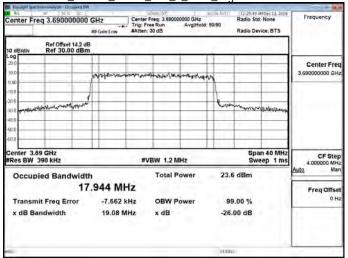
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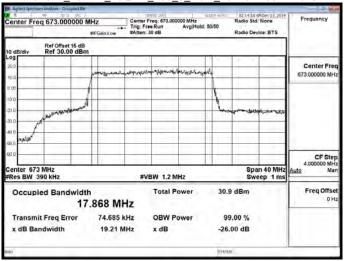
## Band71 20MHz QPSK 100 0 Main Mid CH133297-680.7



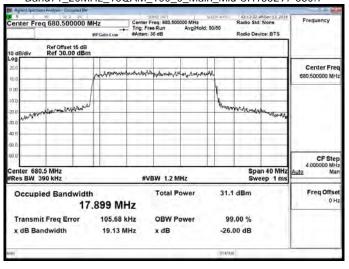
#### Band71 20MHz QPSK 100 0 Main High CH133372-688



#### Band71\_20MHz\_16QAM\_100\_0\_Main\_Low CH133222-673



## Band71 20MHz 16QAM 100 0 Main Mid CH133297-680.7



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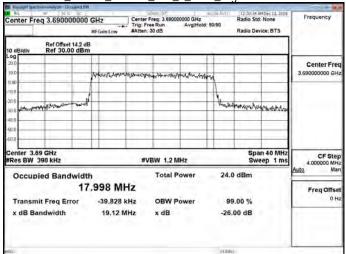
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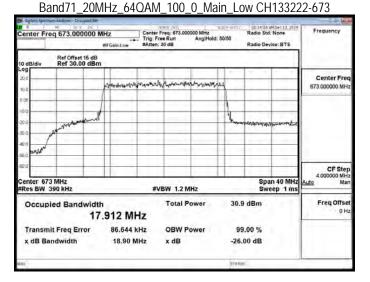
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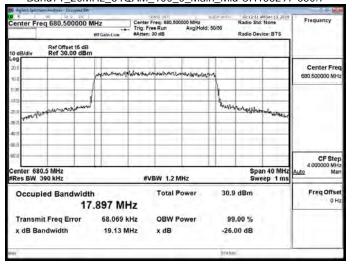
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#### Band71 20MHz 16QAM 100 0 Main High CH133372-688

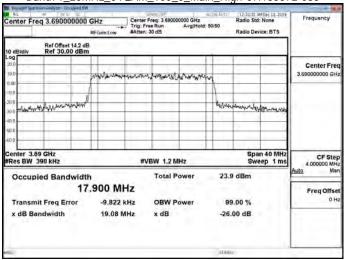




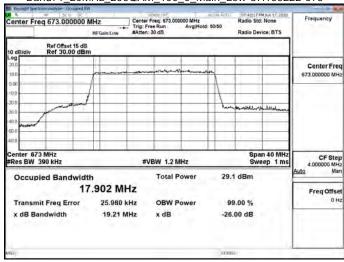
## Band71 20MHz 64QAM 100 0 Main Mid CH133297-680.7



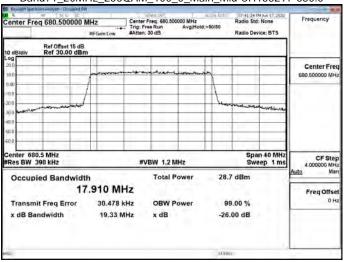
#### Band71 20MHz 64QAM 100 0 Main High CH133372-688



#### Band71\_20MHz\_256QAM\_100\_0\_Main\_Low CH133222-673



## Band71\_20MHz\_256QAM\_100\_0\_Main\_Mid CH133297-680.5



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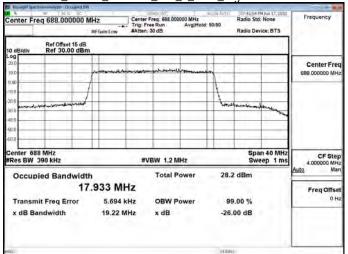
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Band71\_20MHz\_256QAM\_100\_0\_Main\_High CH133372-688



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## 8 OUT OF BAND EMISSION AT ANTENNA TERMINALS

## 8.1 Standard Applicable

## FCC §22.917(a), §24.238(a), §27.53(h)

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.

## FCC §27.53(a) for LTE B30

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

## FCC §27.53(c) for LTE B13

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

- (2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB (-13dBm)
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than
- 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

## FCC §27.53 (f) for LTE B13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

## FCC §27.53(c) for LTE B13

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

- (2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB (-13dBm)
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than
- 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

## FCC §27.53(c) (5) & FCC §27.53(g) for LTE B12, 13, 71

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

## FCC §27.53(h)(3) for LTE B4, 66

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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## FCC §27.53(m) (4) (6) for LTE B7, 41

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

## FCC §90.691 Emission mask requirements for EA-based systems for LTE B26

- (a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:
- (1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.
- (2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

#### FCC §90.543 (e) for LTE B14

For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB

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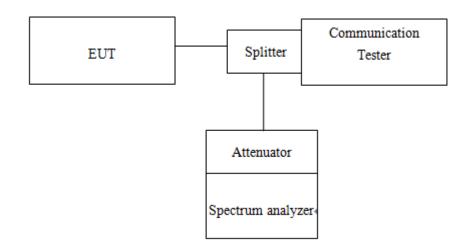
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#### 8.2 **Test SET-UP**



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## 8.3 Measurement Procedure

#### 8.3.1 Conducted Emission

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. Set RBW = 1MHz & VBW = 1MHz on Spectrum.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

# 8.3.2 Band Edge

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. The band edge of low and high channels for the highest RF powers was measured. Setting RBW ≥ 1% EBW.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

# 8.4 Measurement Equipment Used

Conducted Emission (measured at antenna port) Test Site								
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120200	03/06/2019	03/05/2020			
Radio Communication Analyer	Anritsu	MT8820C	6201107337	07/17/2019	07/16/2020			
Attenuator	Marvelous	MVE2213-10	RF30	11/20/2019	11/19/2020			
DC Block	PASTERNACK	PE8210	RF32	11/20/2019	11/19/2020			
Splitter	Woken	DOM35LW1A2	RF83	11/20/2019	11/19/2020			
Coaxial Cables	Woken	00100A1F1A18 5C	RF229	11/20/2019	11/19/2020			

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120200	03/17/2020	03/16/2021

Note: The measurement was taken place with the long duration of the time, and additional equipment list as shown above indicate those equipment of which has been subject to undertake the calibration in intermediate period of time of the measurement.

## 8.5 Measurement Result:

Refer to next pages.

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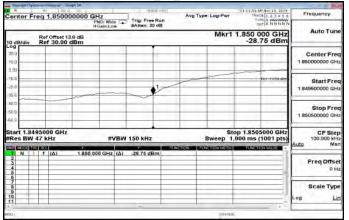
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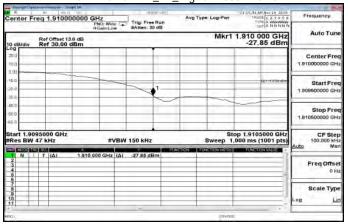


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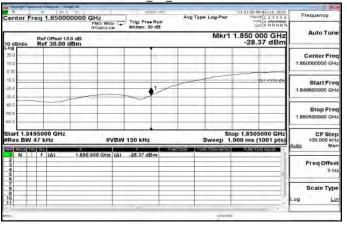
# Band Edge WCDMA\WCDMA\_B2\_LowCH9262-1852.4



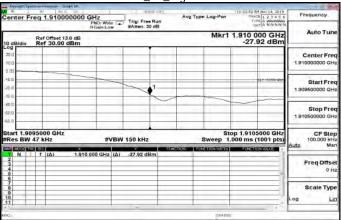
## WCDMA\WCDMA\_B2\_HighCH9538-1907.6



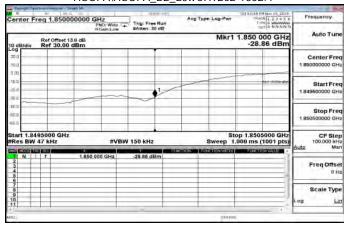
#### HSDPA\HSDPA\_B2\_LowCH9262-1852.4



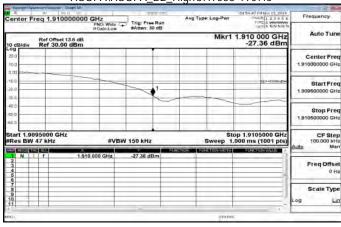
#### HSDPA\HSDPA\_B2\_HighCH9538-1907.6



## HSUPA\HSUPA\_B2\_LowCH9262-1852.4



#### HSUPA\HSUPA\_B2\_HighCH9538-1907.6



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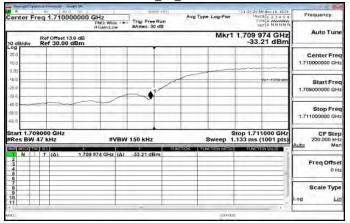
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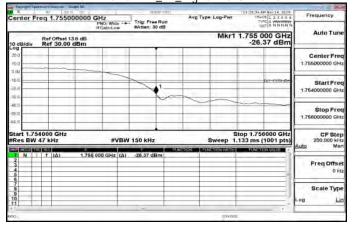


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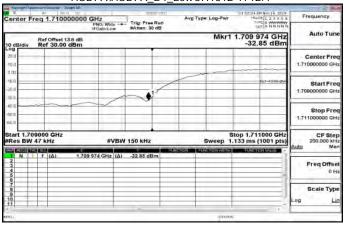
#### WCDMA\WCDMA\_B4\_LowCH1312-1712.4



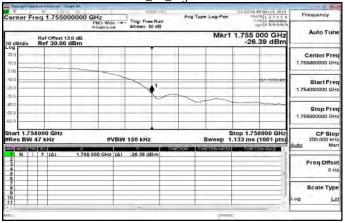
## WCDMA\WCDMA\_B4\_HighCH1513-1752.6



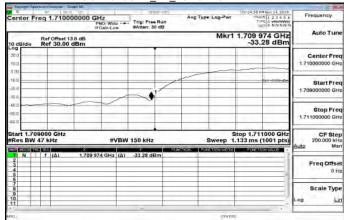
## HSDPA\HSDPA\_B4\_LowCH1312-1712.4



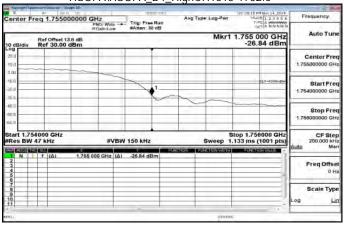
# HSDPA\HSDPA\_B4\_HighCH1513-1752.6



## HSUPA\HSUPA\_B4\_LowCH1312-1712.4



## HSUPA\HSUPA\_B4\_HighCH1513-1752.6



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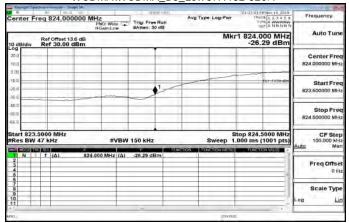
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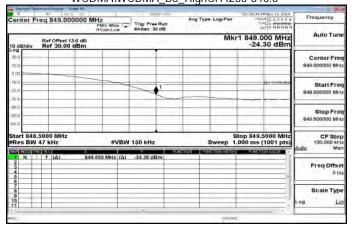


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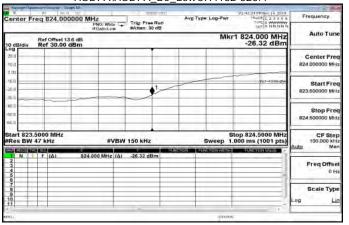
## WCDMA\WCDMA\_B5\_LowCH4132-826.4



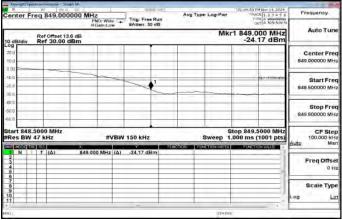
## WCDMA\WCDMA\_B5\_HighCH4233-846.6



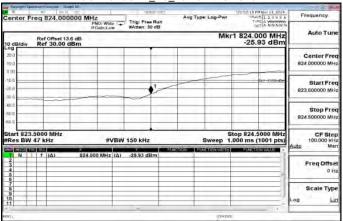
## HSDPA\HSDPA\_B5\_LowCH4132-826.4



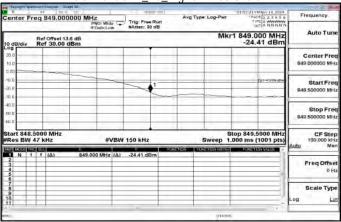
# HSDPA\HSDPA\_B5\_HighCH4233-846.6



## HSUPA\HSUPA\_B5\_LowCH4132-826.4



# HSUPA\HSUPA\_B5\_HighCH4233-846.6



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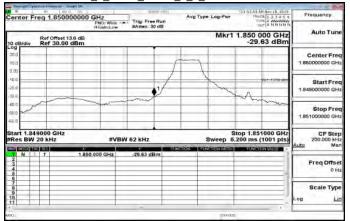
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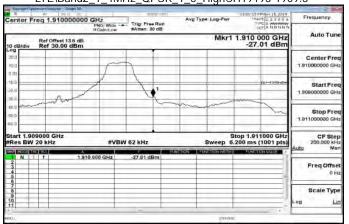


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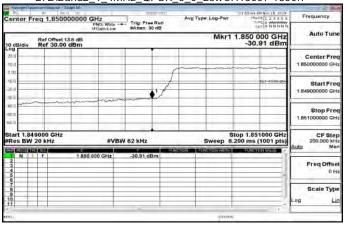
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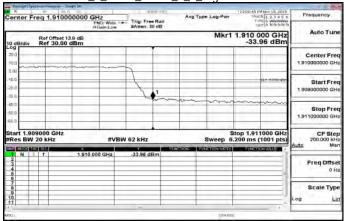
# LTE\Band2\_1\_4MHz\_QPSK\_1\_5\_HighCH19193-1909.3



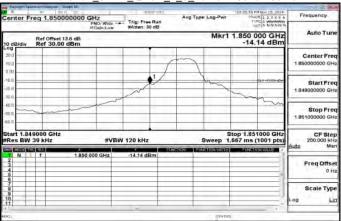
## LTE\Band2\_1\_4MHz\_QPSK\_6\_0\_LowCH18607-1850.7



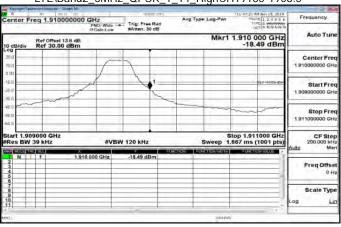
## LTE\Band2\_1\_4MHz\_QPSK\_6\_0\_HighCH19193-1909.3



## LTE\Band2\_3MHz\_QPSK\_1\_0\_LowCH18615-1851.5



# LTE\Band2\_3MHz\_QPSK\_1\_14\_HighCH19185-1908.5



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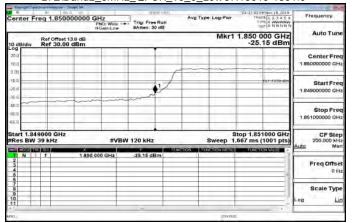
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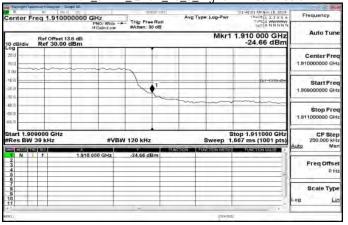


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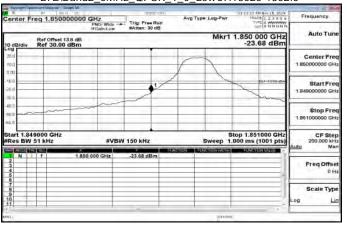
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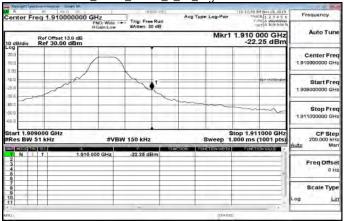
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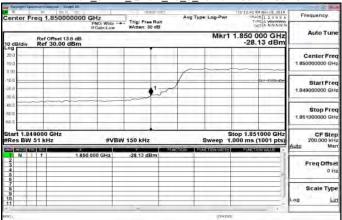
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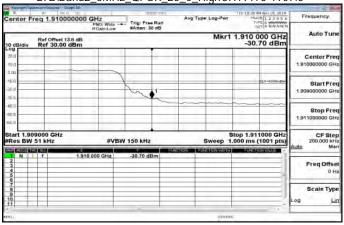
## LTE\Band2\_5MHz\_QPSK\_1\_24\_HighCH19175-1907.5



## LTE\Band2\_5MHz\_QPSK\_25\_0\_LowCH18625-1852.5



## LTE\Band2\_5MHz\_QPSK\_25\_0\_HighCH19175-1907.5



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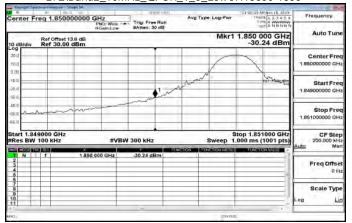
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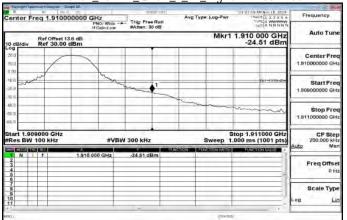


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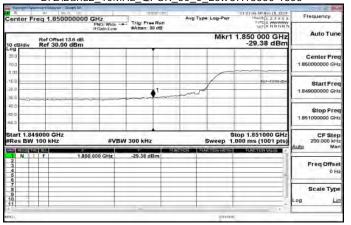
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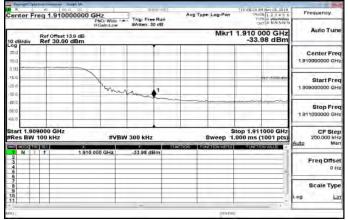
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## LTE\Band2\_10MHz\_QPSK\_50\_0\_LowCH18650-1855



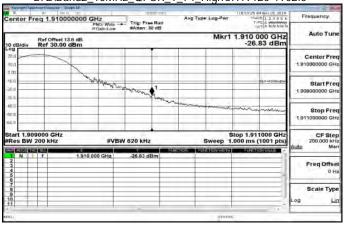
## LTE\Band2\_10MHz\_QPSK\_50\_0\_HighCH19150-1905



## LTE\Band2\_15MHz\_QPSK\_1\_0\_LowCH18675-1857.5



# LTE\Band2\_15MHz\_QPSK\_1\_74\_HighCH19125-1902.5



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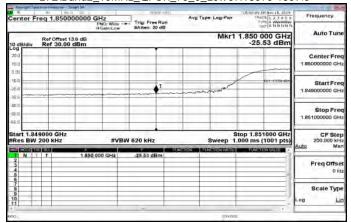
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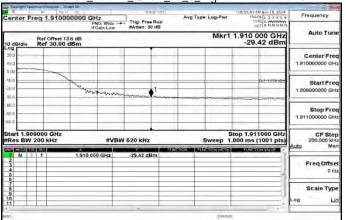


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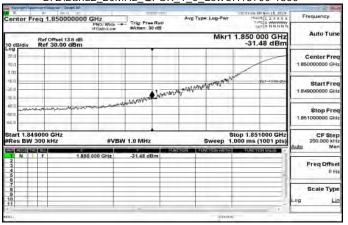
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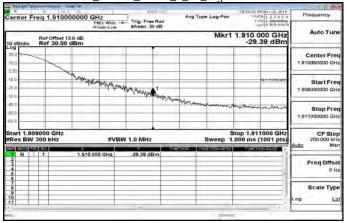
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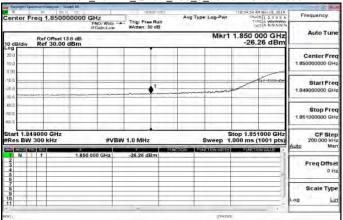
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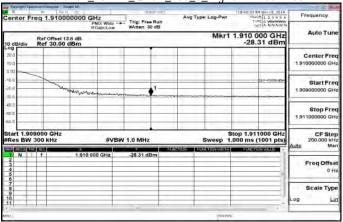
# LTE\Band2\_20MHz\_QPSK\_1\_99\_HighCH19100-1900



## LTE\Band2\_20MHz\_QPSK\_100\_0\_LowCH18700-1860



# LTE\Band2\_20MHz\_QPSK\_100\_0\_HighCH19100-1900



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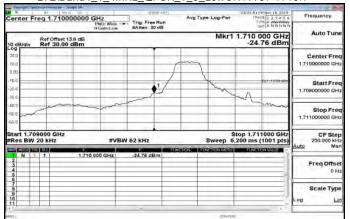
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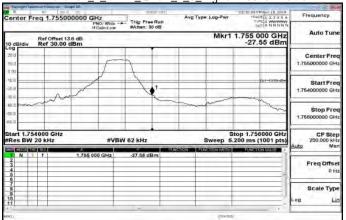


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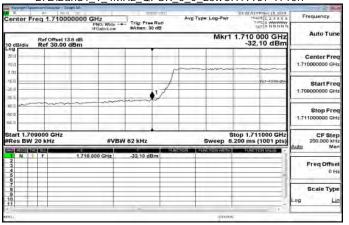
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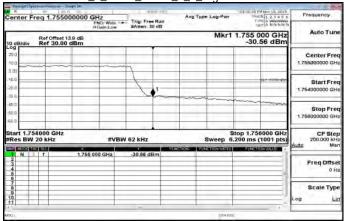
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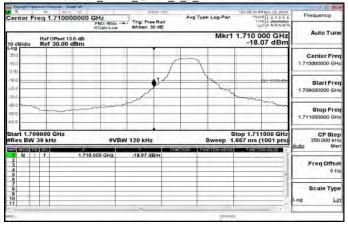
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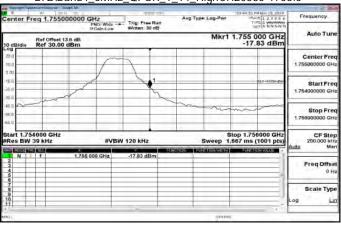
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## LTE\Band4\_3MHz\_QPSK\_1\_0\_LowCH19965-1711.5



## LTE\Band4\_3MHz\_QPSK\_1\_14\_HighCH20385-1753.5



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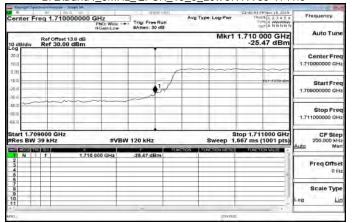
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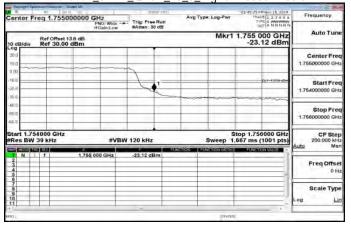


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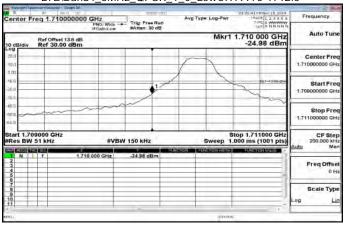
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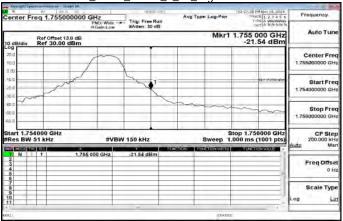
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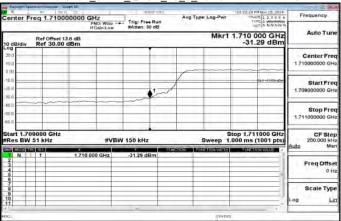
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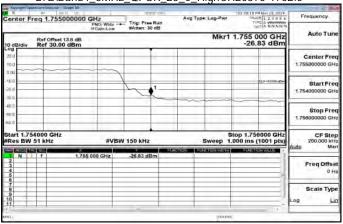
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## LTE\Band4\_5MHz\_QPSK\_25\_0\_LowCH19975-1712.5



# LTE\Band4\_5MHz\_QPSK\_25\_0\_HighCH20375-1752.5



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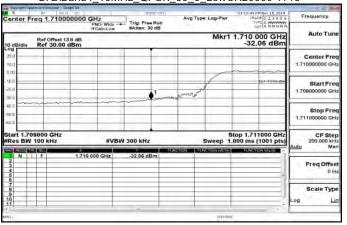
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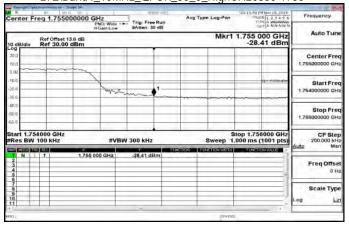
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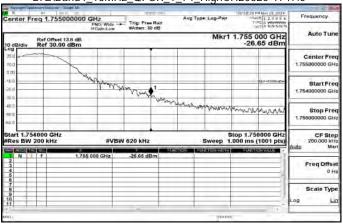
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### LTE\Band4\_15MHz\_QPSK\_1\_0\_LowCH20025-1717.5



## LTE\Band4\_15MHz\_QPSK\_1\_74\_HighCH20325-1747.5



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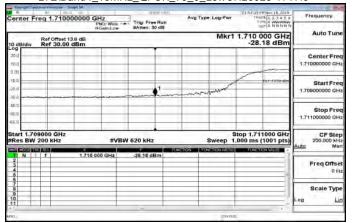
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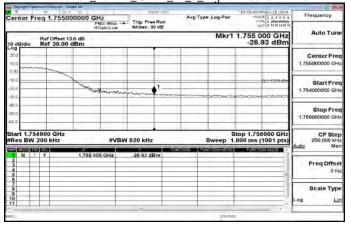


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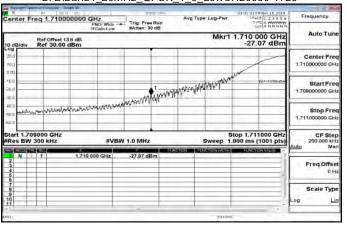
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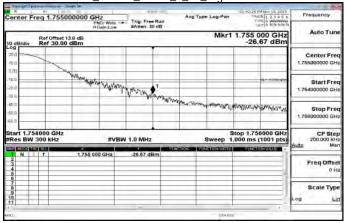
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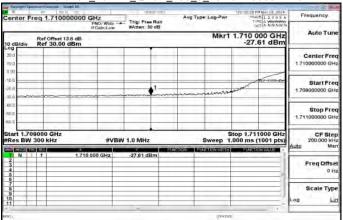
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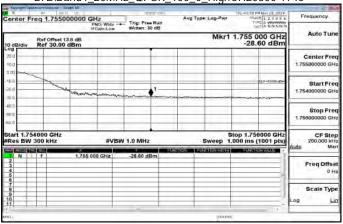
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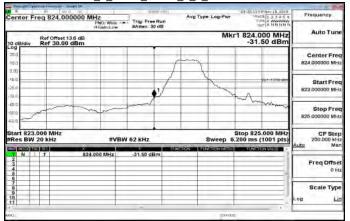
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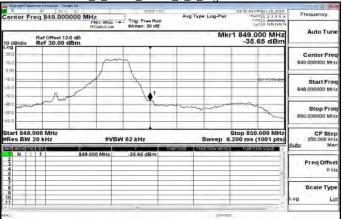


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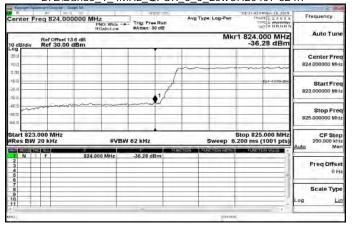
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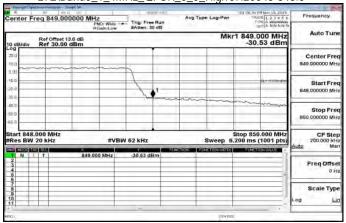
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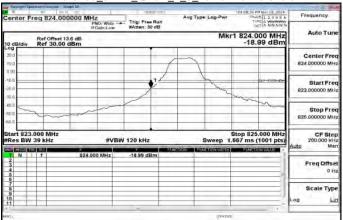
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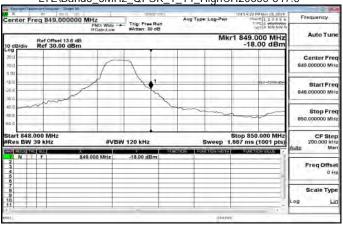
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### LTE\Band5\_3MHz\_QPSK\_1\_0\_LowCH20415-825.5



## LTE\Band5\_3MHz\_QPSK\_1\_14\_HighCH20635-847.5



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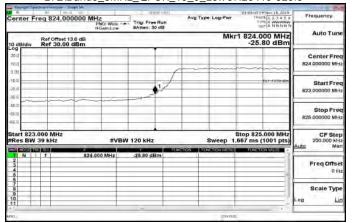
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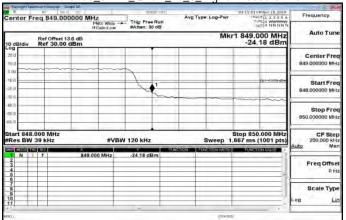


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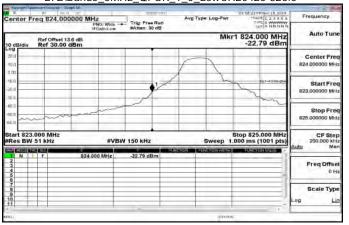
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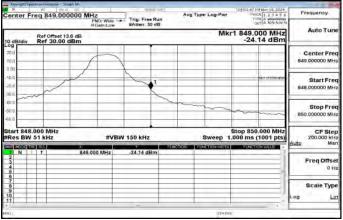
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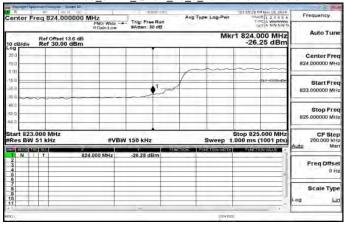
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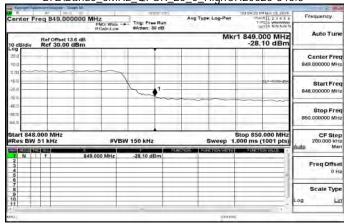
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## LTE\Band5\_5MHz\_QPSK\_25\_0\_HighCH20625-846.5



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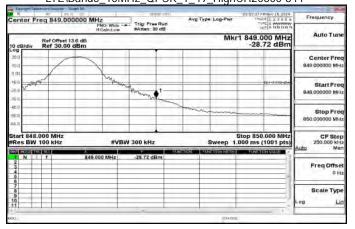


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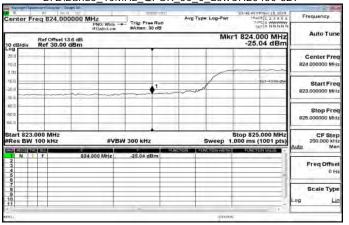
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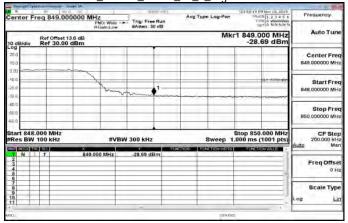
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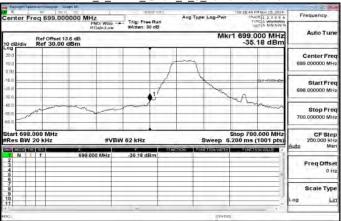
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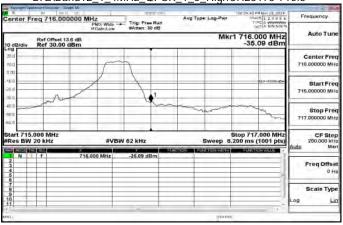
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### LTE\Band12\_1\_4MHz\_QPSK\_1\_0\_LowCH23017-699.7



## LTE\Band12\_1\_4MHz\_QPSK\_1\_5\_HighCH23173-715.3



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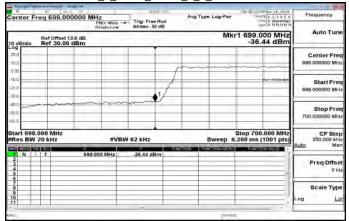
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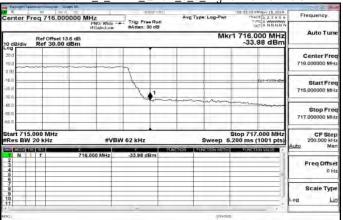


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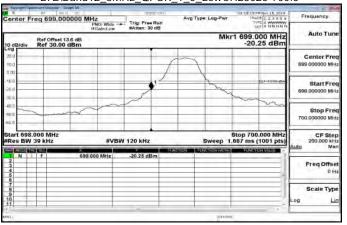
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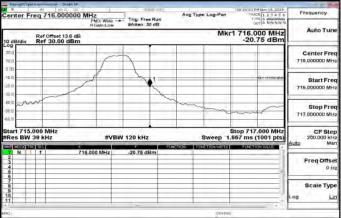
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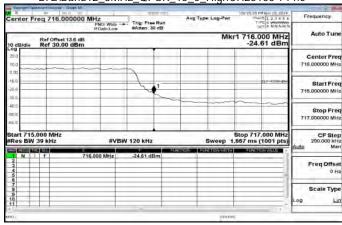
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### LTE\Band12\_3MHz\_QPSK\_15\_0\_LowCH23025-700.5



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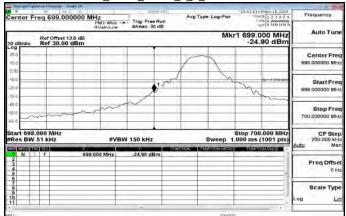
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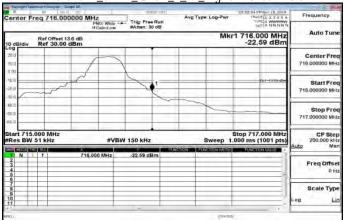


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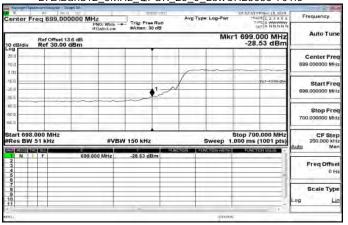
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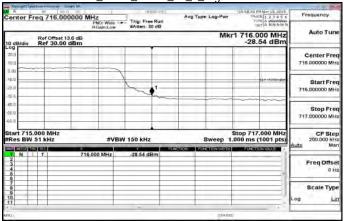
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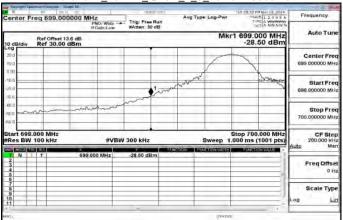
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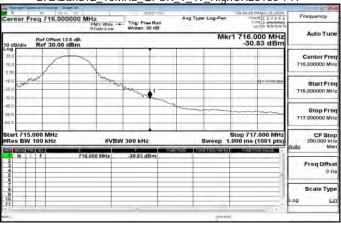
## LTE\Band12\_5MHz\_QPSK\_25\_0\_HighCH23155-713.5



### LTE\Band12\_10MHz\_QPSK\_1\_0\_LowCH23060-704



# LTE\Band12\_10MHz\_QPSK\_1\_49\_HighCH23130-711



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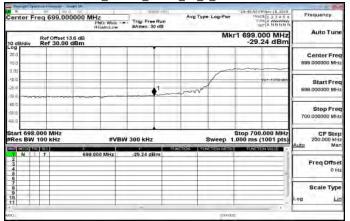
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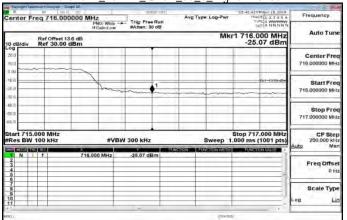


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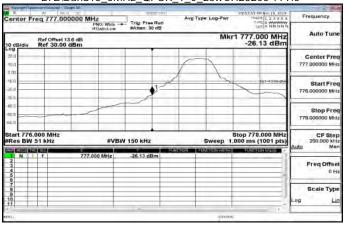
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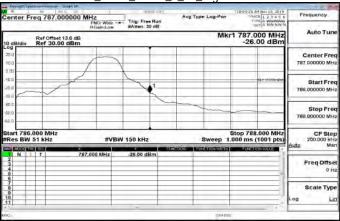
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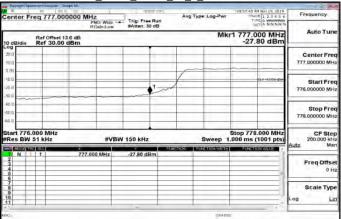
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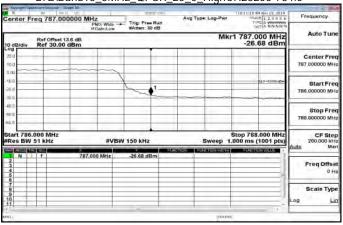
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## LTE\Band13\_5MHz\_QPSK\_25\_0\_LowCH23205-779.5



## LTE\Band13\_5MHz\_QPSK\_25\_0\_HighCH23255-784.5



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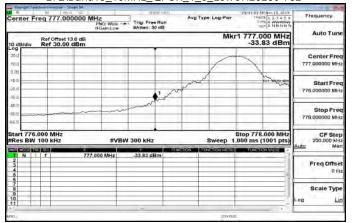
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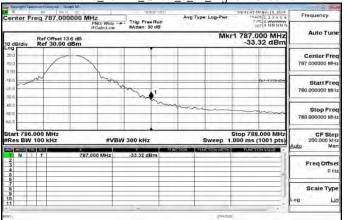


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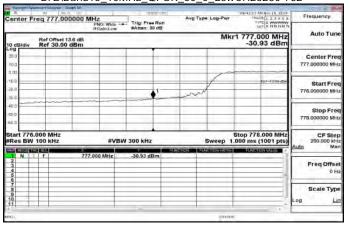
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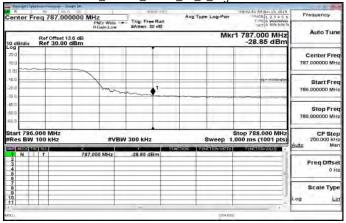
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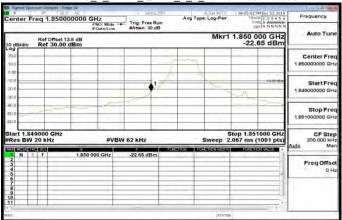
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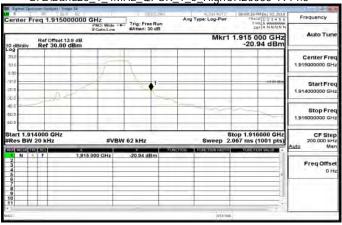
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### LTE\Band25\_1\_4MHz\_QPSK\_1\_0\_LowCH26047-1850.7



## LTE\Band25\_1\_4MHz\_QPSK\_1\_5\_HighCH26683-1914.3



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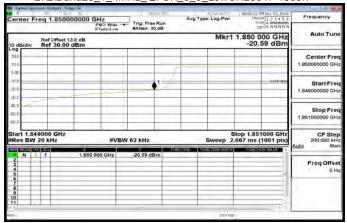
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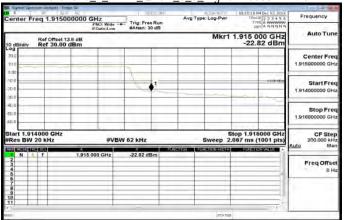


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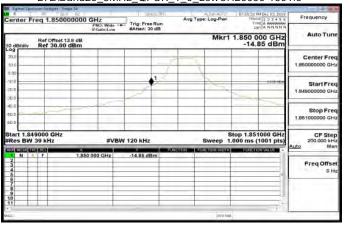
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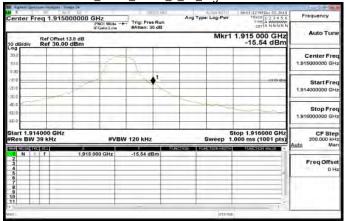
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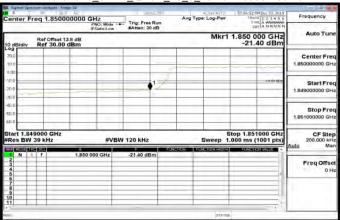
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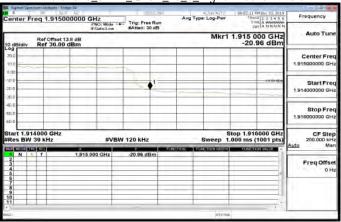
### LTE\Band25\_3MHz\_QPSK\_1\_14\_HighCH26675-1913.5



### LTE\Band25\_3MHz\_QPSK\_15\_0\_LowCH26055-1851.5



## LTE\Band25\_3MHz\_QPSK\_15\_0\_HighCH26675-1913.5



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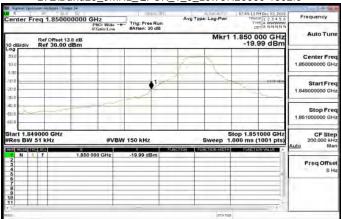
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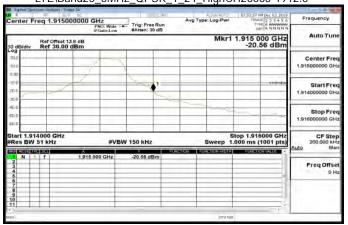


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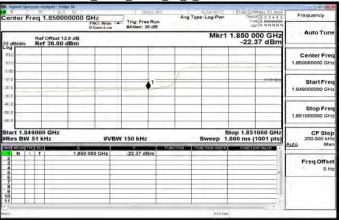
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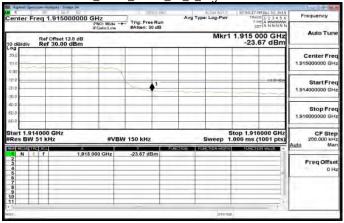
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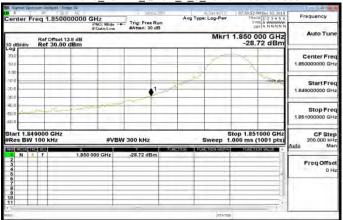
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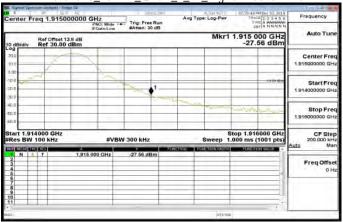
### LTE\Band25\_5MHz\_QPSK\_25\_0\_HighCH26665-1912.5



### LTE\Band25\_10MHz\_QPSK\_1\_0\_LowCH26090-1855



# LTE\Band25\_10MHz\_QPSK\_1\_49\_HighCH26640-1910



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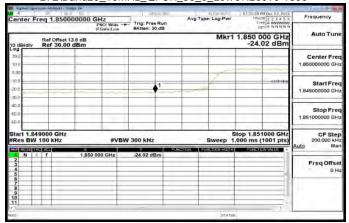
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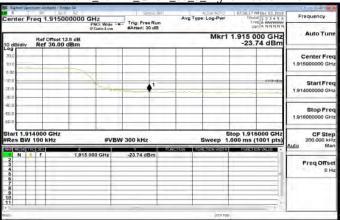


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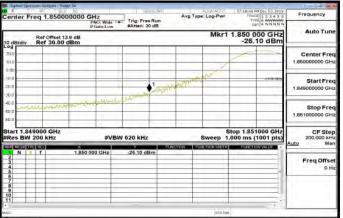
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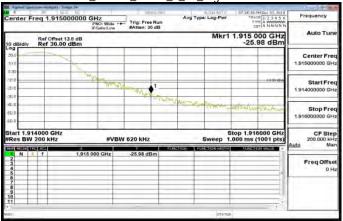
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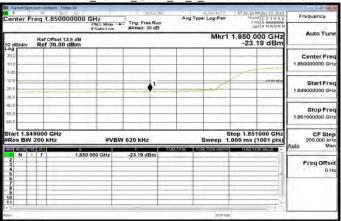
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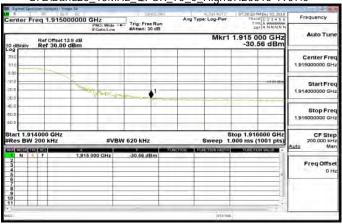
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### LTE\Band25\_15MHz\_QPSK\_75\_0\_LowCH26115-1857.5



## LTE\Band25\_15MHz\_QPSK\_75\_0\_HighCH26615-1907.5



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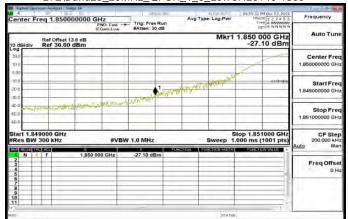
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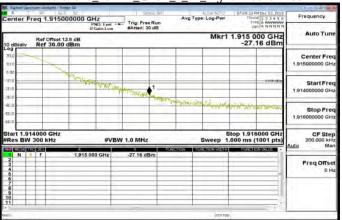


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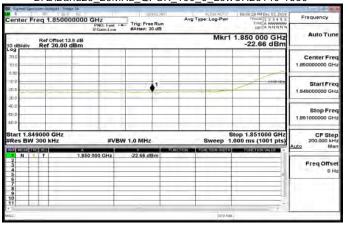
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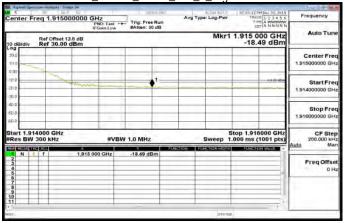
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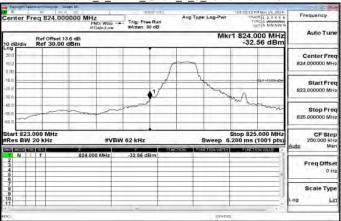
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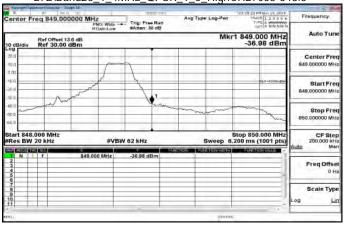
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### LTE\Band26\_1\_4MHz\_QPSK\_1\_0\_LowCH26797-824.7



## LTE\Band26\_1\_4MHz\_QPSK\_1\_5\_HighCH27033-848.3



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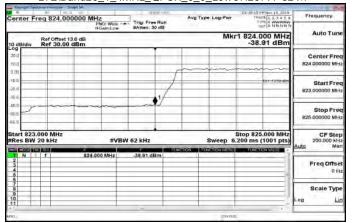
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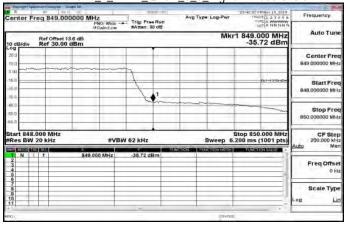


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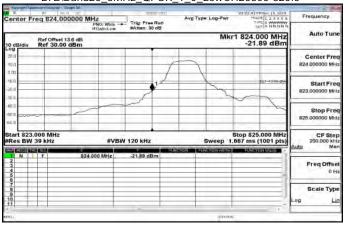
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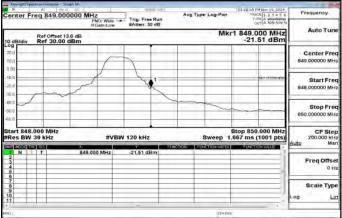
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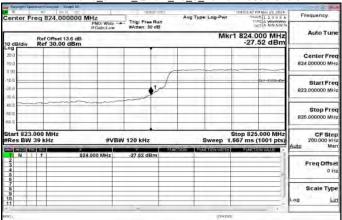
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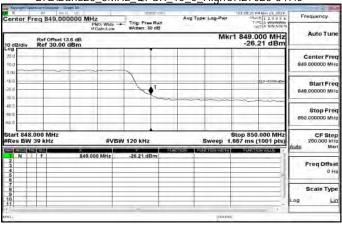
## LTE\Band26\_3MHz\_QPSK\_1\_14\_HighCH27025-847.5



### LTE\Band26\_3MHz\_QPSK\_15\_0\_LowCH26805-825.5



## LTE\Band26\_3MHz\_QPSK\_15\_0\_HighCH27025-847.5



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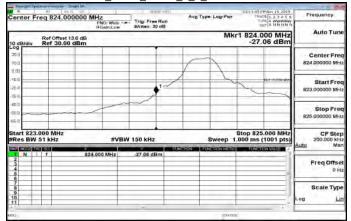
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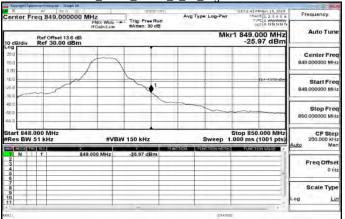


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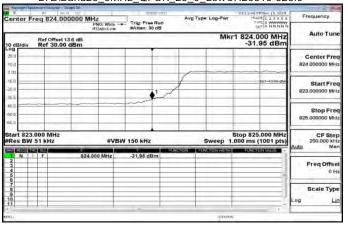
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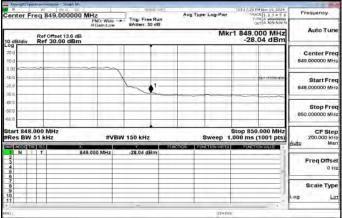
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## LTE\Band26\_5MHz\_QPSK\_25\_0\_LowCH26815-826.5



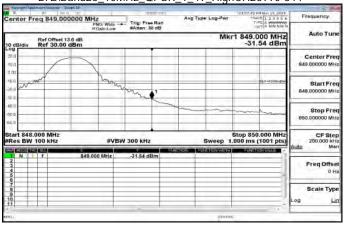
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### LTE\Band26\_10MHz\_QPSK\_1\_0\_LowCH26840-829



## LTE\Band26\_10MHz\_QPSK\_1\_49\_HighCH26990-844



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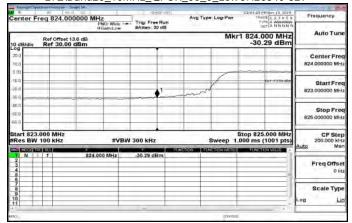
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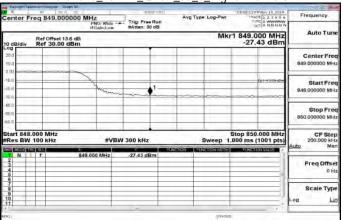


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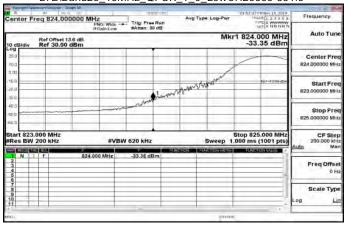
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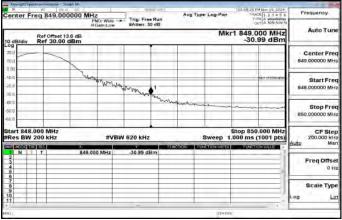
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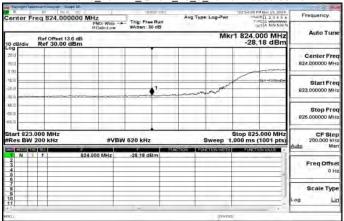
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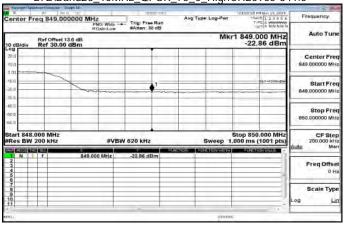
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### LTE\Band26\_15MHz\_QPSK\_75\_0\_LowCH26865-831.5



## LTE\Band26\_15MHz\_QPSK\_75\_0\_HighCH26965-841.5



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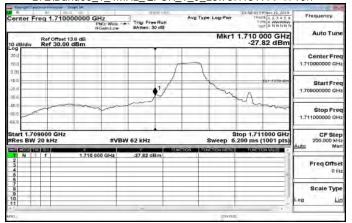
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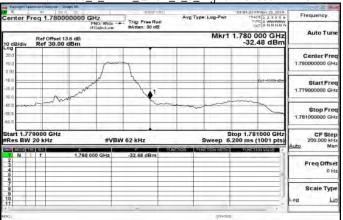


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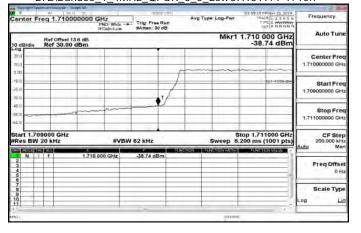
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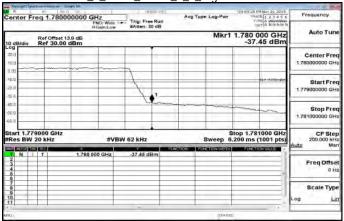
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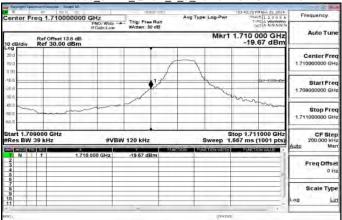
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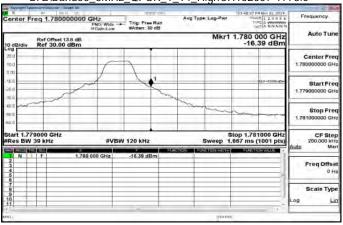
#### LTE\Band66\_1\_4MHz\_QPSK\_6\_0\_HighCH132665-1779.3



### LTE\Band66\_3MHz\_QPSK\_1\_0\_LowCH131987-1711.5



## LTE\Band66\_3MHz\_QPSK\_1\_14\_HighCH132657-1778.5



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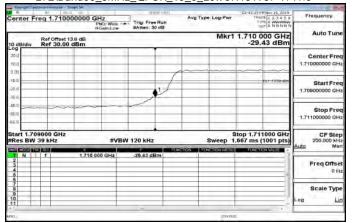
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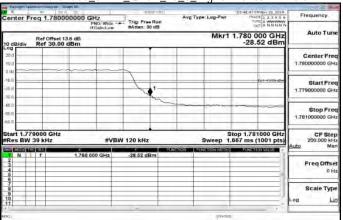


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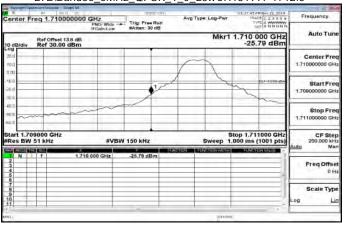
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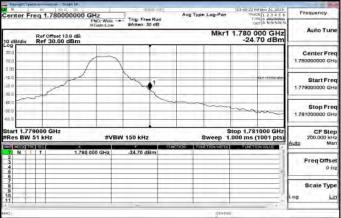
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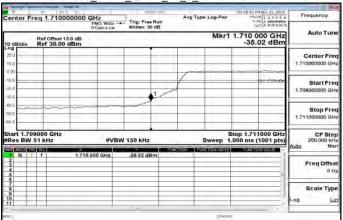
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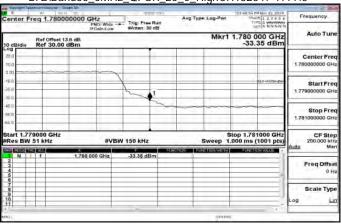
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### LTE\Band66\_5MHz\_QPSK\_25\_0\_LowCH131997-1712.5



# LTE\Band66\_5MHz\_QPSK\_25\_0\_HighCH132647-1777.5



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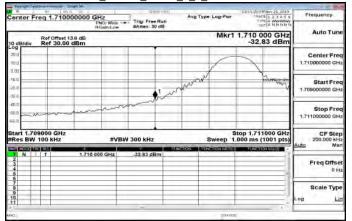
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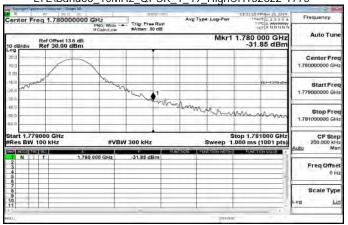


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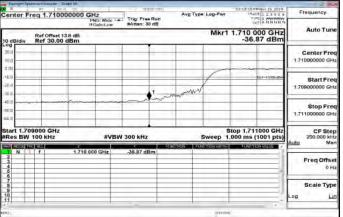
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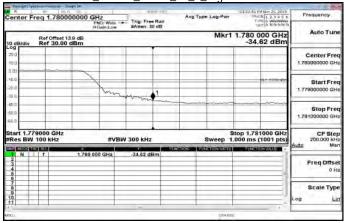
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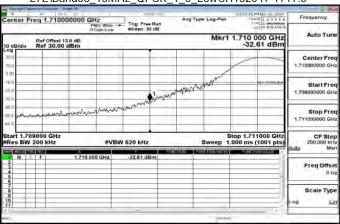
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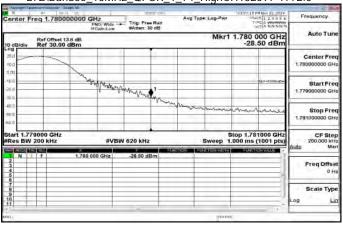
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### LTE\Band66\_15MHz\_QPSK\_1\_0\_LowCH132047-1717.5



## LTE\Band66\_15MHz\_QPSK\_1\_74\_HighCH132597-1772.5



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