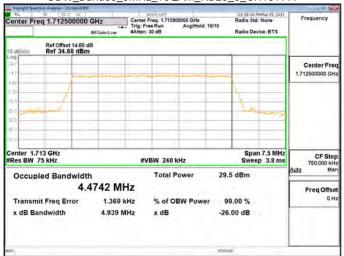
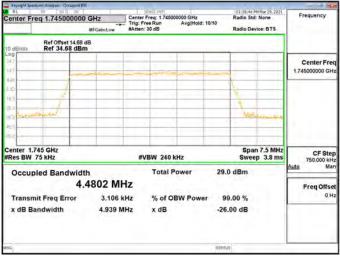


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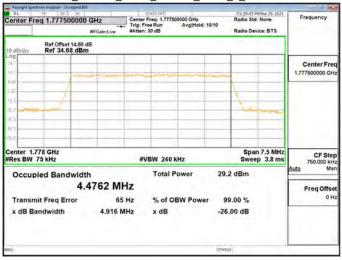
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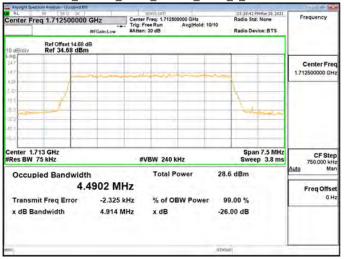
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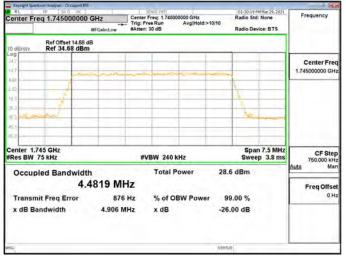
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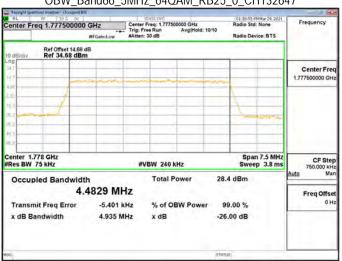
### OBW\_Band66\_5MHz\_64QAM\_RB25\_0\_CH131997



### OBW\_Band66\_5MHz\_64QAM\_RB25\_0\_CH132322



### OBW Band66 5MHz 64QAM RB25 0 CH132647



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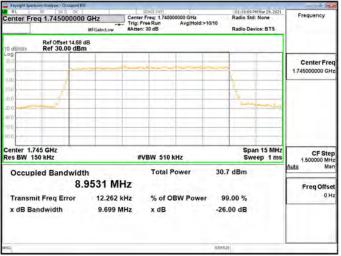


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# OBW\_Band66\_10MHz\_QPSK\_RB50\_0\_CH132022



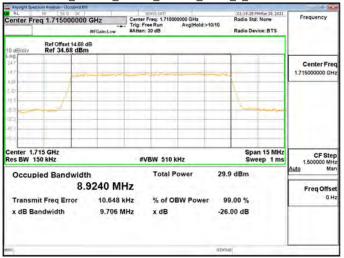
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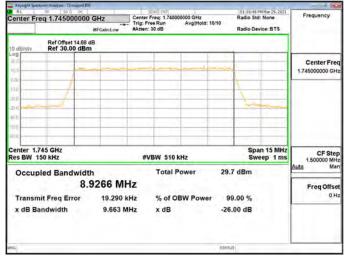
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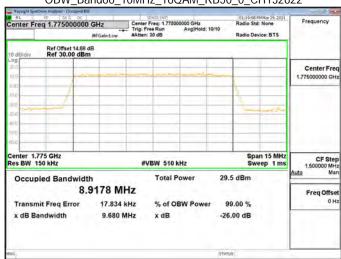
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### OBW\_Band66\_10MHz\_16QAM\_RB50\_0\_CH132322



### OBW Band66 10MHz 16QAM RB50 0 CH132622



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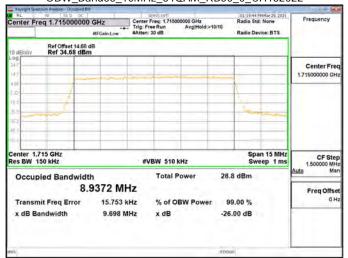
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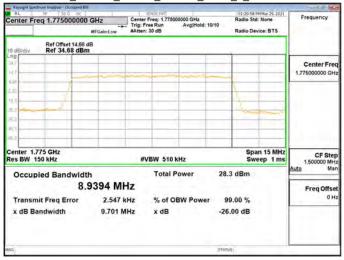
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# OBW\_Band66\_10MHz\_64QAM\_RB50\_0\_CH132322



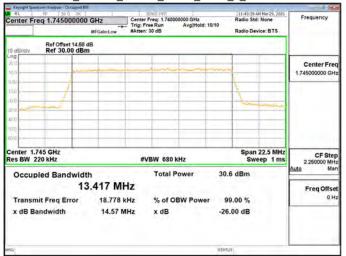
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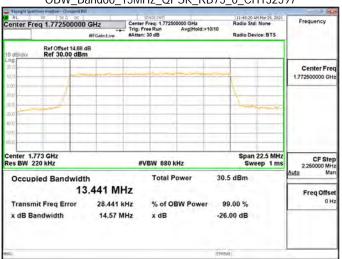
### OBW Band66 15MHz QPSK RB75 0 CH132047



# OBW\_Band66\_15MHz\_QPSK\_RB75\_0\_CH132322



### OBW Band66 15MHz QPSK RB75 0 CH132597



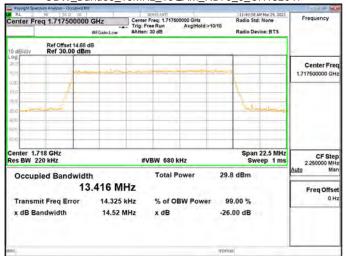
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### OBW Band66 15MHz 16QAM RB75 0 CH132047



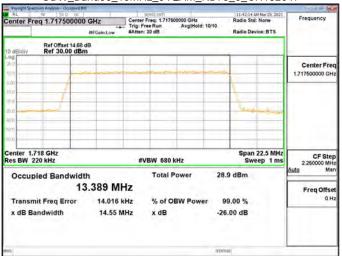
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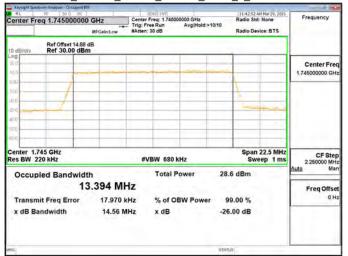
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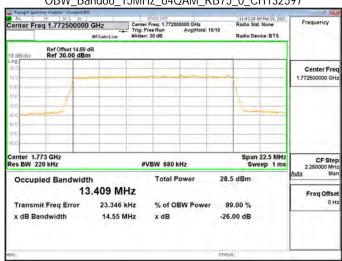
### OBW Band66 15MHz 64QAM RB75 0 CH132047



### OBW\_Band66\_15MHz\_64QAM\_RB75\_0\_CH132322



### OBW Band66 15MHz 64QAM RB75 0 CH132597



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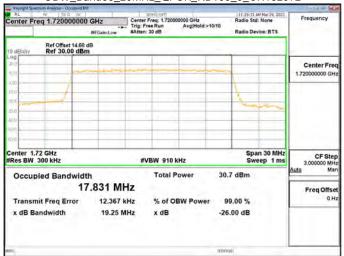
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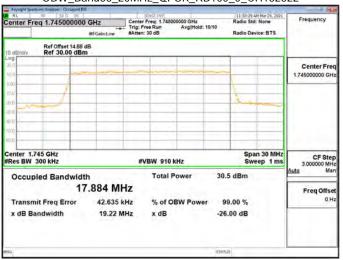


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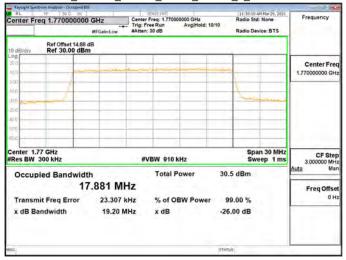
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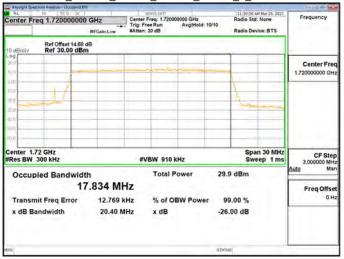
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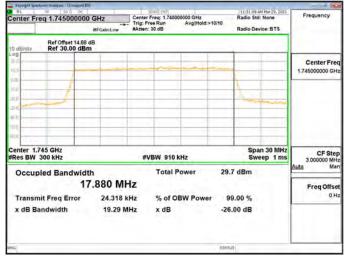
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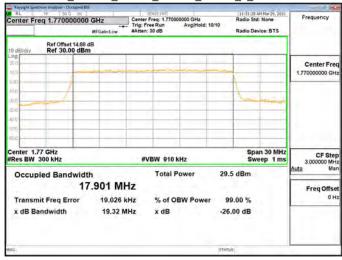
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### OBW\_Band66\_20MHz\_16QAM\_RB100\_0\_CH132322



### OBW Band66 20MHz 16QAM RB100 0 CH132572



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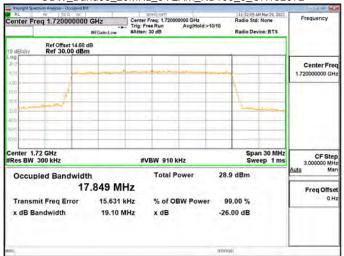
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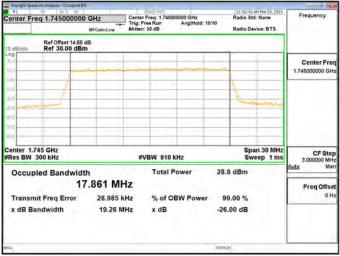


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### OBW Band66 20MHz 64QAM RB100 0 CH132072



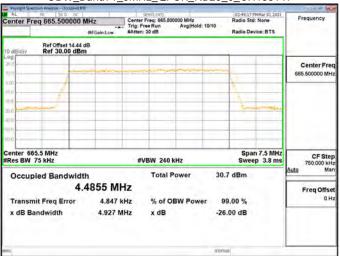
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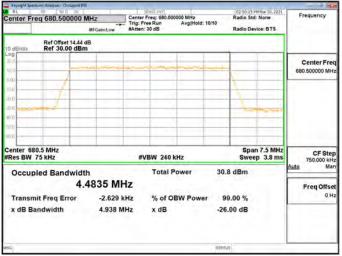
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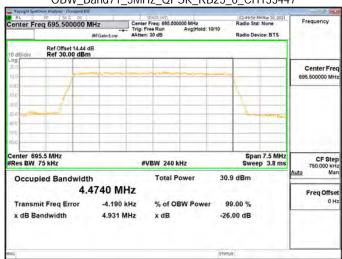
### OBW Band71 5MHz QPSK RB25 0 CH133147



# OBW\_Band71\_5MHz\_QPSK\_RB25\_0\_CH133297



### OBW Band71 5MHz QPSK RB25 0 CH133447



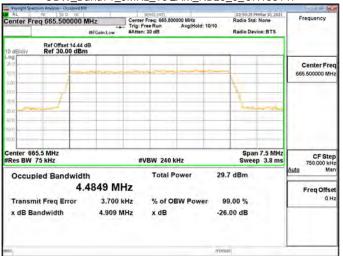
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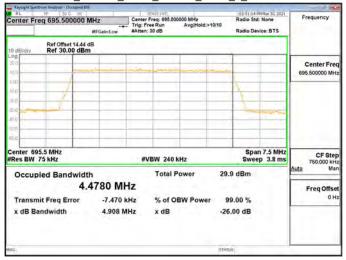
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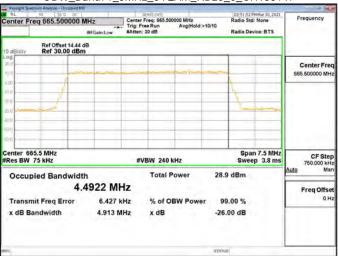
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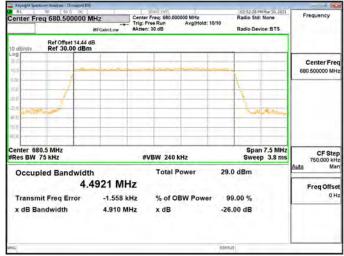
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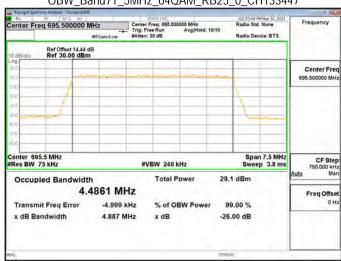
### OBW Band71 5MHz 64QAM RB25 0 CH133147



# OBW\_Band71\_5MHz\_64QAM\_RB25\_0\_CH133297



### OBW Band71 5MHz 64QAM RB25 0 CH133447



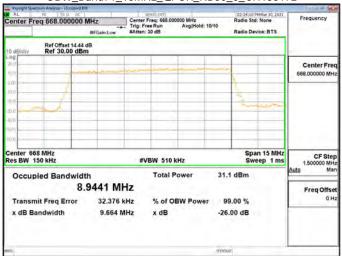
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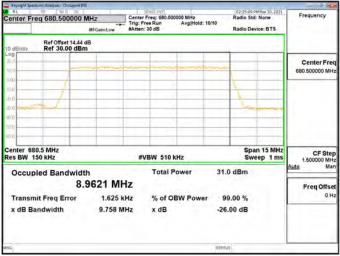


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### OBW\_Band71\_10MHz\_QPSK\_RB50\_0\_CH133172



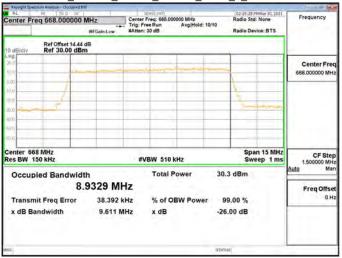
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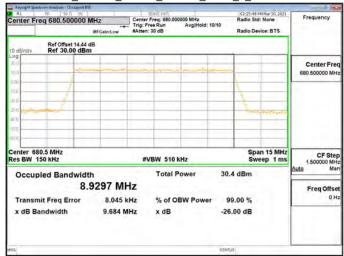
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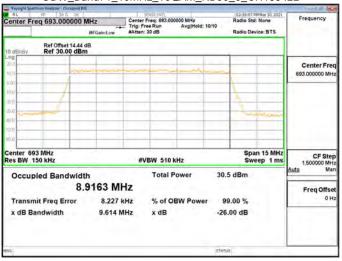
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### OBW\_Band71\_10MHz\_16QAM\_RB50\_0\_CH133297



### OBW Band71 10MHz 16QAM RB50 0 CH133422



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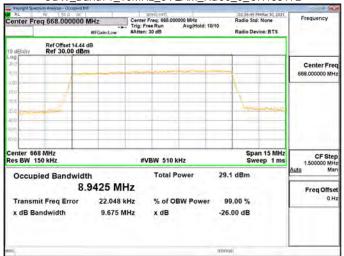
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### OBW Band71 10MHz 64QAM RB50 0 CH133172



#### OBW Band71 \_10MHz\_64QAM\_RB50\_0\_CH133297



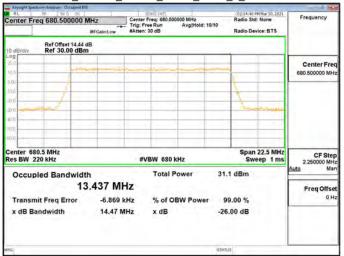
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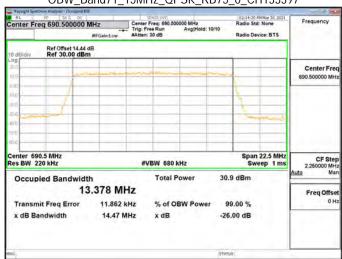
### OBW Band71 15MHz QPSK RB75 0 CH133197



#### OBW Band71 15MHz\_QPSK\_RB75\_0\_CH133297



### OBW Band71 15MHz QPSK RB75 0 CH133397



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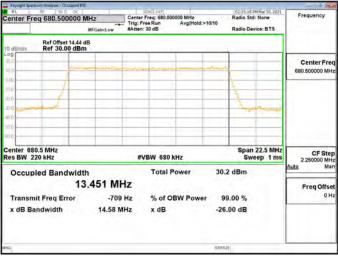


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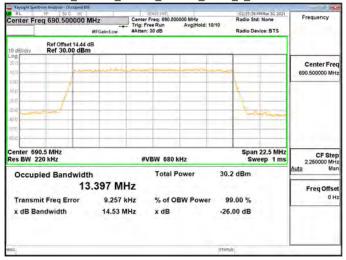
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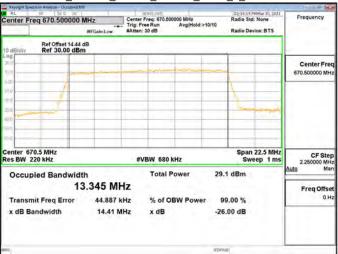
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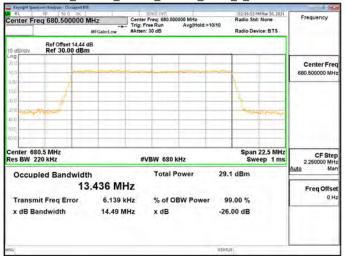
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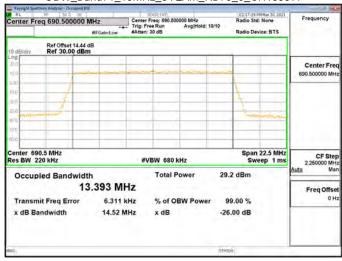
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### OBW\_Band71\_15MHz\_64QAM\_RB75\_0\_CH133297



### OBW Band71 15MHz 64QAM RB75 0 CH133397



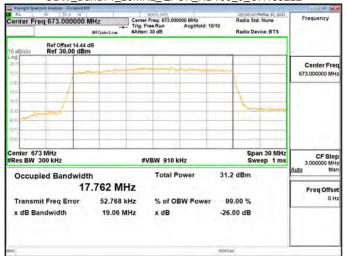
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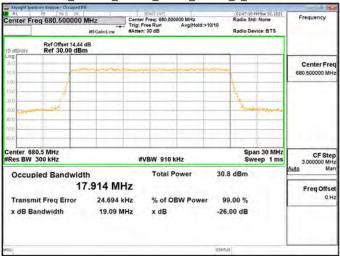


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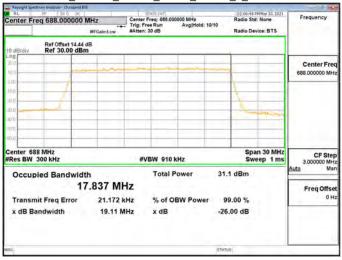
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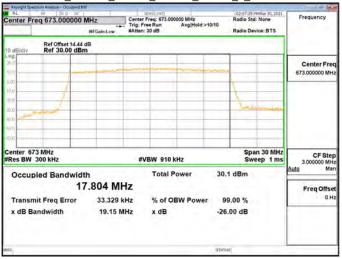
### OBW\_Band71\_20MHz\_QPSK\_RB100\_0\_CH133297



### OBW Band71 20MHz QPSK RB100 0 CH133372



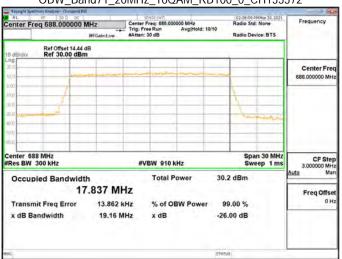
### OBW Band71 20MHz 16QAM RB100 0 CH133222



### OBW\_Band71\_20MHz\_16QAM\_RB100\_0\_CH133297



### OBW Band71 20MHz 16QAM RB100 0 CH133372



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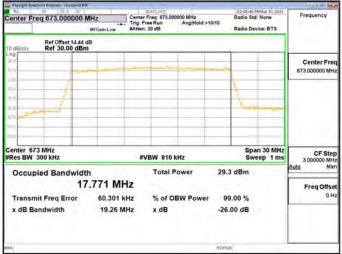
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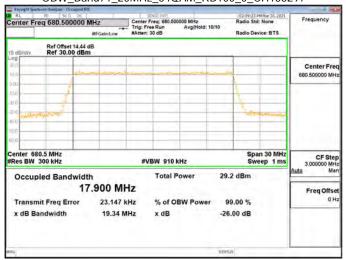


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### OBW\_Band71\_20MHz\_64QAM\_RB100\_0\_CH133222



### OBW\_Band71\_20MHz\_64QAM\_RB100\_0\_CH133297



### OBW Band71 20MHz 64QAM RB100 0 CH133372



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# **OUT OF BAND EMISSION AT ANTENNA TERMINALS**

#### 8.1 Standard Applicable

FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

RSS-130 §4.7, RSS-132 §5.5, RSS-133 §6.5.1, RSS-139 §6.6, RSS-195 §5.6, RSS-199 §4.5 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 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:
  - (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;
  - (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;
  - (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

### FCC §27.53(g)

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.

- (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;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (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;

### ISED RSS-130 §4.7.1

Compliance for operations in the 617-652 MHz, 663-698 MHz, 698-756 MHz and the 777-787 MHz band, the unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

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## ISED RSS-132 §5.5

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

- i. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10p (watts).
- ii. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10 p (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

### ISED RSS-133 §6.5.1

Equipment shall comply with the limits in (i) and (ii) below.

- In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10p(watts).
- ii. After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10p(watts). If the measurement is performed using 1% of the emission bandwidth, power integration over 1.0 MHz is required.

### FCC §27.53(h)(1)

(h)  $\overline{AWS\ emission\ limits}$ —(1)  $\overline{General\ protection\ levels}$ . Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10  $\log_{10}$  (P) dB.

### RSS-139 §6.6

In the first 1.0 MHz bands immediately outside and adjacent to the equipment's smallest operating frequency block, Footnote 2 which can contain the equipment's occupied bandwidth, the emission power per any 1% of the emission bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least 43 + 10 log10 p (watts) dB.

After the first 1.0 MHz outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least 43 + 10 log10 p (watts) dB.

# FCC §27.53(m) (4) (6)

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.

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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.

### ISED RSS-195 §5.6

The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P(dBW), by the amount indicated in Table 2, where p is the transmitter output power measured in watts.

Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equipment							
Frequency (MHz)	Attenuation (dB)	Frequency (MHz)	Attenuation (dB)				
<2200	43 + 10 log <sub>10</sub> (p)	2324 - 2328	61 + 10 log <sub>10</sub> (p)				
2200 - 2288	70 + 10 log <sub>10</sub> (p)	2328 - 2337	67 + 10 log <sub>10</sub> (p)				
2288 - 2292	67 + 10 log <sub>10</sub> (p)	2337 - 2341	61 + 10 log <sub>10</sub> (p)				
2292 - 2296	61 + 10 log <sub>10</sub> (p)	2341 - 2345	55 + 10 log <sub>10</sub> (p)				
2296 - 2300	55 + 10 log <sub>10</sub> (p)	2345 - 2360	43 + 10 log10(p) FootnoteNote				
2300 - 2305	43 + 10 log <sub>10</sub> (p)	2360 - 2365	43 + 10 log <sub>10</sub> (p)				
2305 - 2320	43 + 10 log10(p) FootnoteNote	2365 - 2395	70 + 10 log <sub>10</sub> (p)				
2320 - 2324	55 + 10 log <sub>10</sub> (p)	>2395	43 + 10 log <sub>10</sub> (p)				

**Note** -- Mobile and portable equipment are prohibited from transmitting in the bands 2315-2320 MHz and 2345-2350 MHz. In addition, mobile and portable equipment employing FDD technology shall be restricted to transmitting in the band 2305-2315 MHz.

# RSS-199 §4.5

In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment, and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.

Equipment shall comply with the following unwanted emission limits:

for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least 43 + 10 log10 p for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least:

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40 + 10 log10 p from the channel edges to 5 MHz away

43 + 10 log10 p between 5 MHz and X MHz from the channel edges, and

55 + 10 log10 p at X MHz and beyond from the channel edges

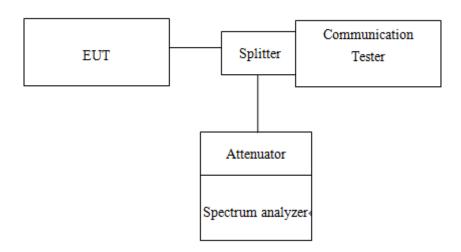
In addition, the attenuation shall not be less than 43 + 10 log10 p on all frequencies between 2490.5 MHz and 2496 MHz, and 55 + 10 log10 p at or below 2490.5 MHz.

In (a) and (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

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

- (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.

## 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 Test Site: Conducted 4							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.		
PXA Spectrum Ana- lyzer	Agilent	N9030A	MY53120760	04/21/2020	04/20/2021		
DC Power Supply	Agilent	E3640A	MY40005907	10/29/2020	10/28/2021		
Radio Communication Analyer	Anritsu	MT8815A	6200429620	01/15/2021	01/14/2022		
Radio Communication Analyer	Anritsu	MT8821C	6261786084	01/20/2021	01/19/2022		
Temperature Chamber	TERCHY	MHG-120LF	911009	05/20/2020	05/19/2021		
Attenuator	Mini-Circuit	BW-S10W2+	2	12/16/2020	12/15/2021		
DC Block	Mini-Circuits	BLK-18-S+	1	12/16/2020	12/15/2021		
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412- 018	12/16/2020	12/15/2021		

## 8.5 Measurement Result:

Refer to next pages.

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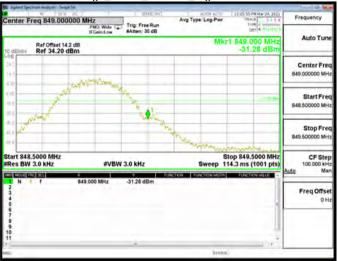
Band Edge\_GSM\_850MHz\_High CH251-848.8



Band Edge\_GSM\_850MHz\_Low CH128-824.2



Band Edge\_GPRS\_850MHz\_High CH251-848.8



Band Edge\_GPRS\_850MHz\_Low CH128-824.2



Band Edge\_EDGE\_850MHz\_High CH251-848.8



Band Edge\_EDGE\_850MHz\_Low CH128-824.2



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Band Edge\_GSM\_1900MHz\_High CH810-1909.8



Band Edge GSM 1900MHz Low CH512-1850.2



Band Edge\_GPRS\_1900MHz\_High CH810-1909.8



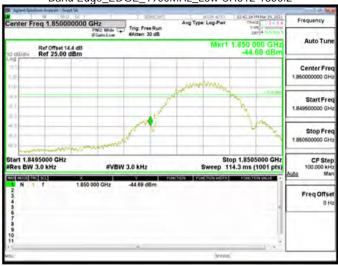
Band Edge\_GPRS\_1900MHz\_Low CH512-1850.2



Band Edge\_EDGE\_1900MHz\_High CH810-1909.8



Band Edge\_EDGE\_1900MHz\_Low CH512-1850.2



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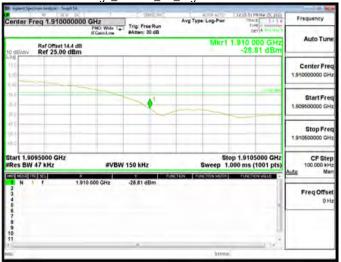
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Band Edge WCDMA B2 Low CH9262-1852.4



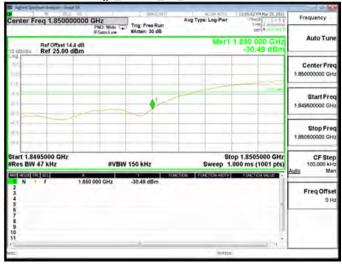
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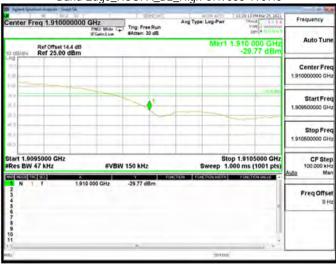
Band Edge\_HSDPA\_B2\_High CH9538-1907.6



Band Edge HSDPA B2 Low CH9262-1852.4



Band Edge\_HSUPA\_B2\_High CH9538-1907.6



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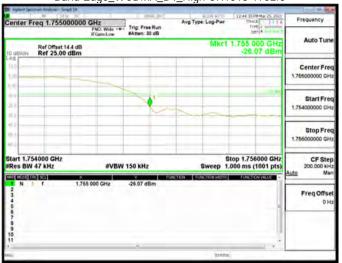


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Band Edge\_HSUPA\_B2\_Low CH9262-1852.4



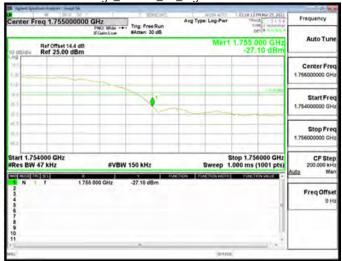
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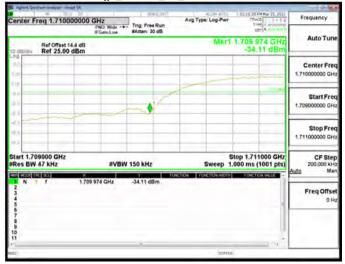
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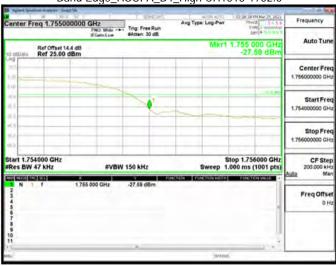
Band Edge\_HSDPA\_B4\_High CH1513-1752.6



Band Edge HSDPA B4 Low CH1312-1712.4



Band Edge\_HSUPA\_B4\_High CH1513-1752.6



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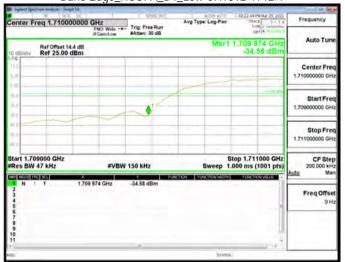
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Band Edge\_HSUPA\_B4\_Low CH1312-1712.4



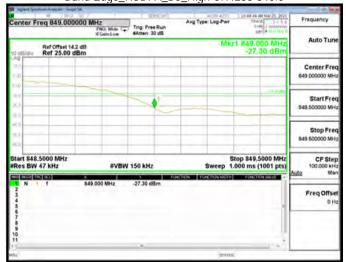
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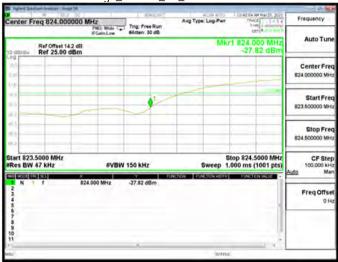
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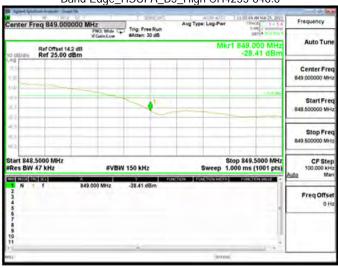
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Band Edge\_HSDPA\_B5\_Low CH4132-826.4



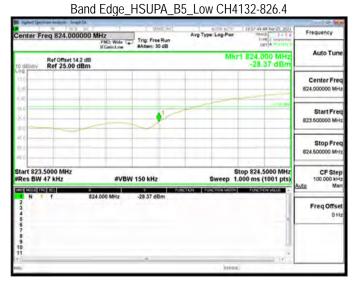
Band Edge\_HSUPA\_B5\_High CH4233-846.6



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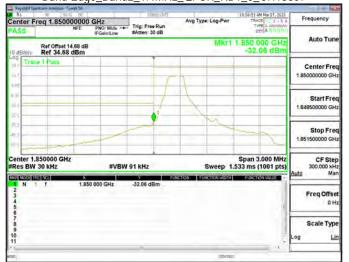
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Band Edge\_Band2\_1.4MHz\_QPSK\_RB1\_0\_CH18607



Band Edge Band2 1.4MHz QPSK RB1 5 CH19193



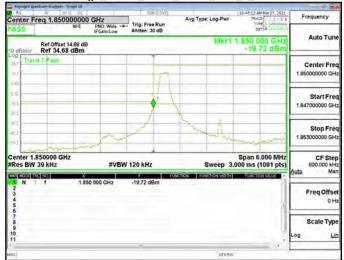
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Band Edge\_Band2\_1.4MHz\_QPSK\_RB6\_0\_CH19193



Band Edge\_Band2\_3MHz\_QPSK\_RB1\_0\_CH18615



Band Edge\_Band2\_3MHz\_QPSK\_RB1\_14\_CH19185



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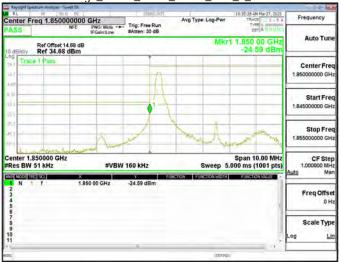
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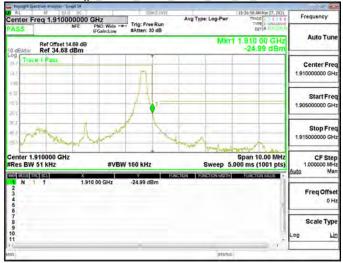
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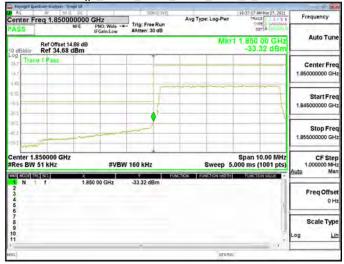
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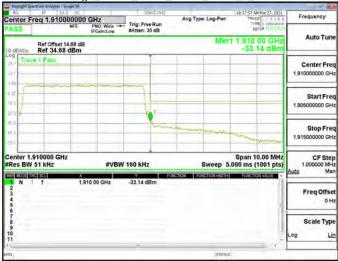
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Band Edge\_Band2\_5MHz\_QPSK\_RB25\_0\_CH18625



Band Edge\_Band2\_5MHz\_QPSK\_RB25\_0\_CH19175



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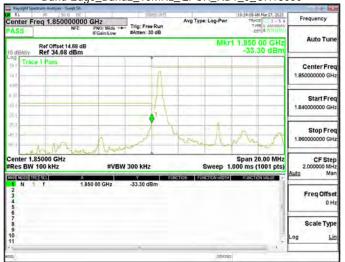
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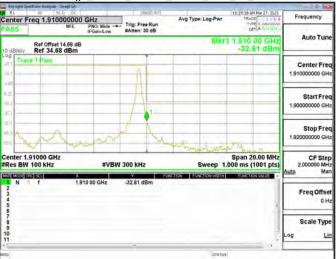


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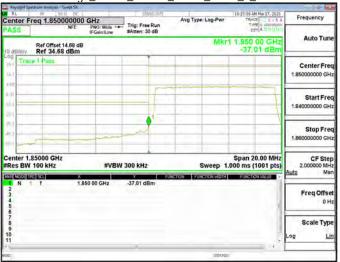
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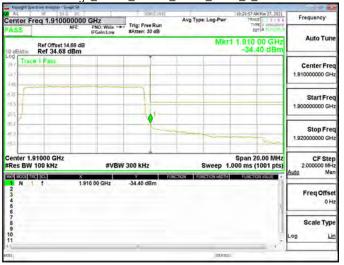
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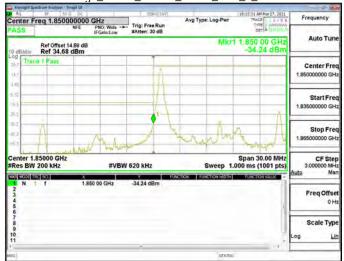
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Band Edge\_Band2\_10MHz\_QPSK\_RB50\_0\_CH19150



Band Edge\_Band2\_15MHz\_QPSK\_RB1\_0\_CH18675



Band Edge\_Band2\_15MHz\_QPSK\_RB1\_74\_CH19125



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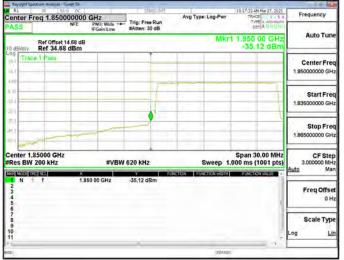
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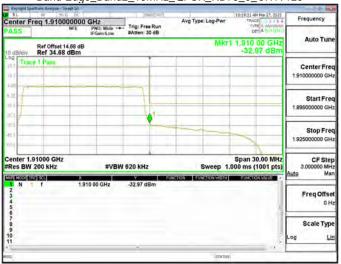


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Band Edge\_Band2\_15MHz\_QPSK\_RB75\_0\_CH18675



Band Edge Band2 15MHz QPSK RB75 0 CH19125



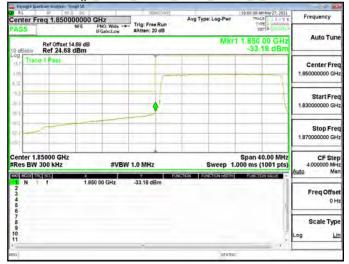
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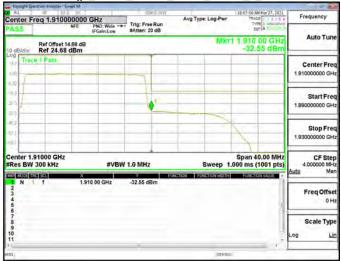
Band Edge\_Band2\_20MHz\_QPSK\_RB1\_99\_CH19100



Band Edge Band2 20MHz QPSK RB100 0 CH18700



Band Edge\_Band2\_20MHz\_QPSK\_RB100\_0\_CH19100



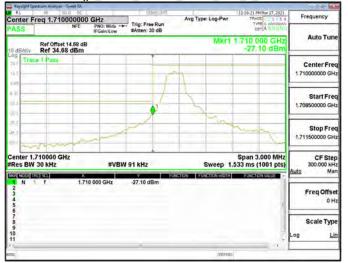
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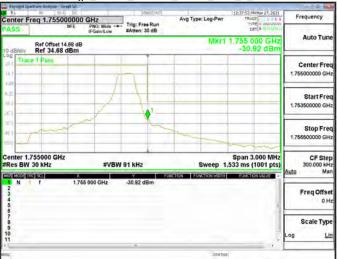


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Band Edge\_Band4\_1.4MHz\_QPSK\_RB1\_0\_CH19957



Band Edge\_Band4\_1.4MHz\_QPSK\_RB1\_5\_CH20393



Band Edge\_Band4\_1.4MHz\_QPSK\_RB6\_0\_CH19957



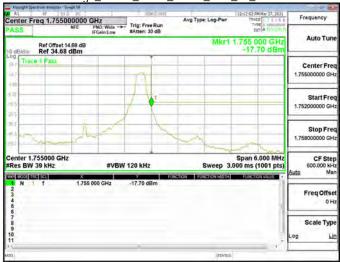
Band Edge\_Band4\_1.4MHz\_QPSK\_RB6\_0\_CH20393



Band Edge\_Band4\_3MHz\_QPSK\_RB1\_0\_CH19965



Band Edge\_Band4\_3MHz\_QPSK\_RB1\_14\_CH20385



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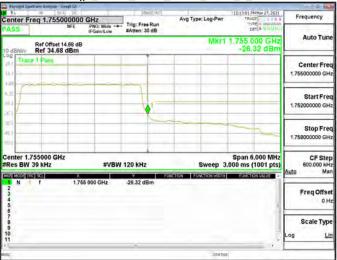


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Band Edge\_Band4\_3MHz\_QPSK\_RB15\_0\_CH19965



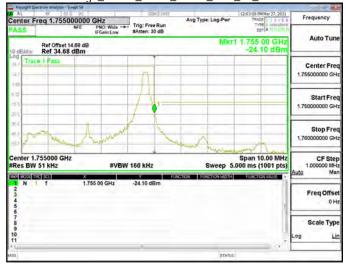
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Band Edge\_Band4\_5MHz\_QPSK\_RB1\_0\_CH19975



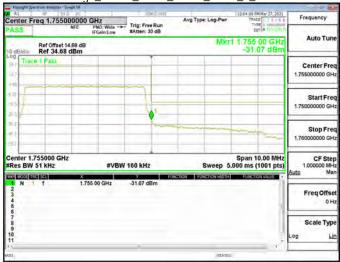
Band Edge\_Band4\_5MHz\_QPSK\_RB1\_24\_CH20375



Band Edge Band4 5MHz QPSK RB25 0 CH19975



Band Edge\_Band4\_5MHz\_QPSK\_RB25\_0\_CH20375



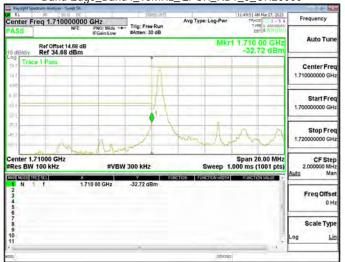
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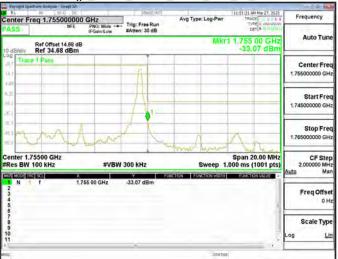


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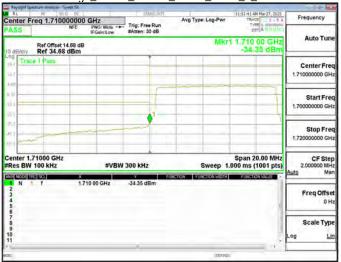
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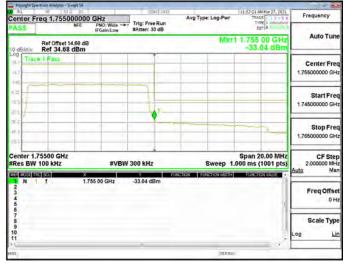
Band Edge Band4 10MHz QPSK RB1 49 CH20350



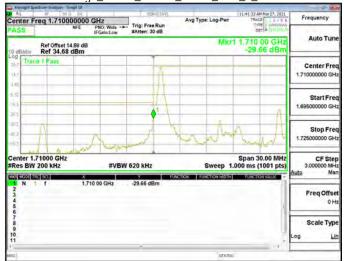
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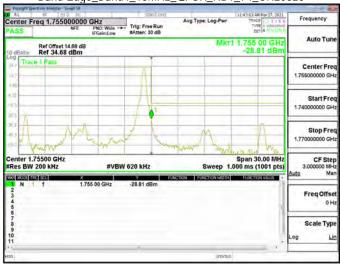
Band Edge\_Band4\_10MHz\_QPSK\_RB50\_0\_CH20350



Band Edge\_Band4\_15MHz\_QPSK\_RB1\_0\_CH20025



Band Edge\_Band4\_15MHz\_QPSK\_RB1\_74\_CH20325



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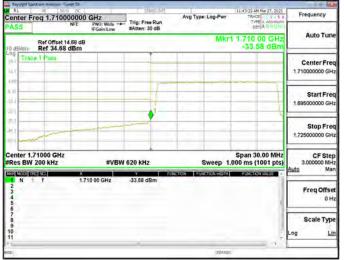
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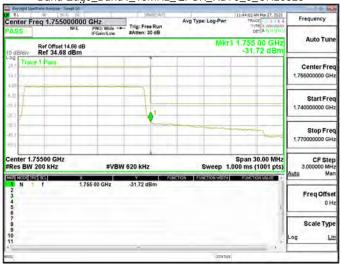


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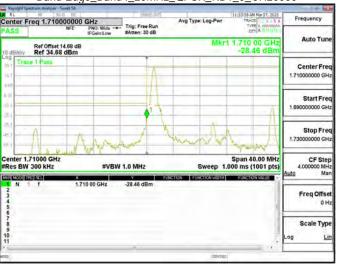
Band Edge\_Band4\_15MHz\_QPSK\_RB75\_0\_CH20025



Band Edge Band4 15MHz QPSK RB75 0 CH20325



Band Edge\_Band4\_20MHz\_QPSK\_RB1\_0\_CH20050



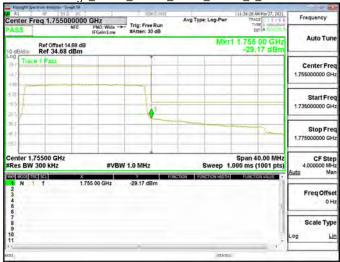
Band Edge\_Band4\_20MHz\_QPSK\_RB1\_99\_CH20300



Band Edge Band4 20MHz QPSK RB100 0 CH20050



Band Edge\_Band4\_20MHz\_QPSK\_RB100\_0\_CH20300



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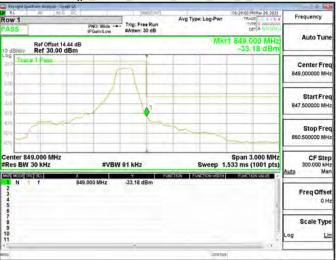


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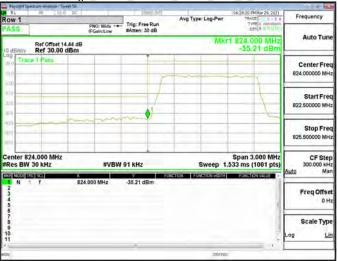
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Band Edge\_Band5\_1.4MHz\_QPSK\_RB1\_5\_CH20643



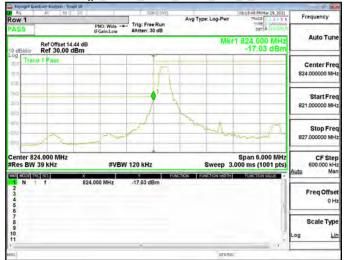
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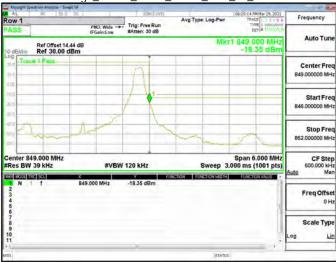
Band Edge\_Band5\_1.4MHz\_QPSK\_RB6\_0\_CH20643



Band Edge\_Band5\_3MHz\_QPSK\_RB1\_0\_CH20415



Band Edge\_Band5\_3MHz\_QPSK\_RB1\_14\_CH20635



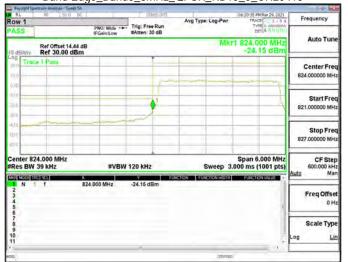
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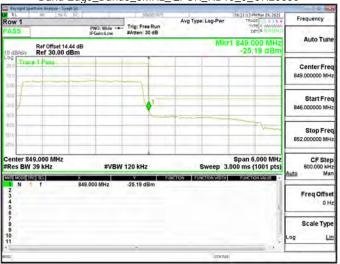


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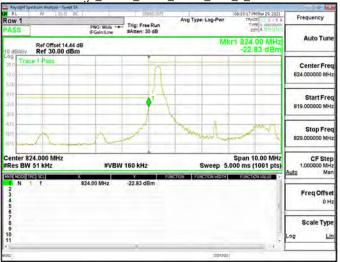
### Band Edge\_Band5\_3MHz\_QPSK\_RB15\_0\_CH20415



# Band Edge\_Band5\_3MHz\_QPSK\_RB15\_0\_CH20635



Band Edge\_Band5\_5MHz\_QPSK\_RB1\_0\_CH20425



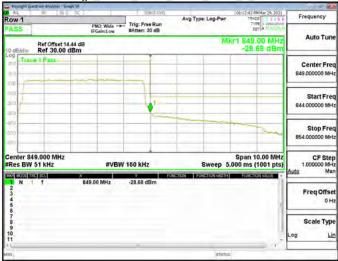
Band Edge\_Band5\_5MHz\_QPSK\_RB1\_24\_CH20625



Band Edge\_Band5\_5MHz\_QPSK\_RB25\_0\_CH20425



Band Edge\_Band5\_5MHz\_QPSK\_RB25\_0\_CH20625



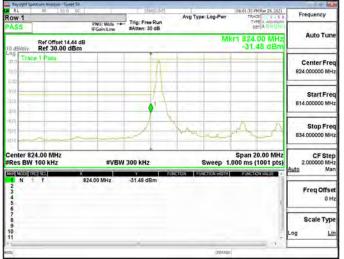
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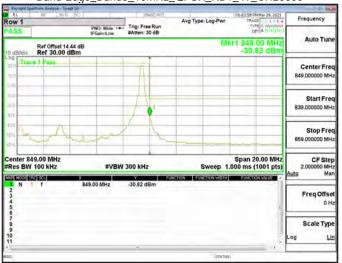


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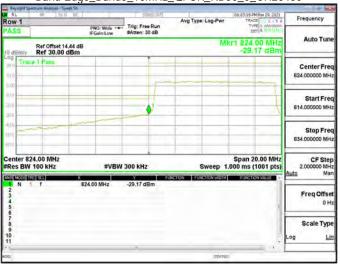
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### Band Edge Band5 10MHz QPSK RB1 49 CH20600



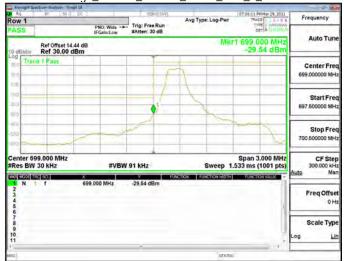
Band Edge\_Band5\_10MHz\_QPSK\_RB50\_0\_CH20450



Band Edge\_Band5\_10MHz\_QPSK\_RB50\_0\_CH20600



Band Edge Band12 1.4MHz QPSK RB1 0 CH23017



Band Edge\_Band12\_1.4MHz\_QPSK\_RB1\_5\_CH23173



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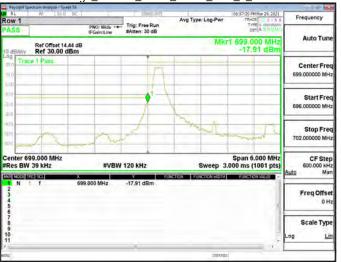
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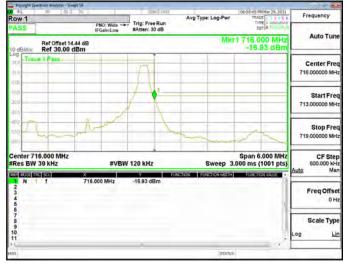
Band Edge\_Band12\_1.4MHz\_QPSK\_RB6\_0\_CH23173



Band Edge\_Band12\_3MHz\_QPSK\_RB1\_0\_CH23025



Band Edge\_Band12\_3MHz\_QPSK\_RB1\_14\_CH23165



Band Edge\_Band12\_3MHz\_QPSK\_RB15\_0\_CH23025



Band Edge\_Band12\_3MHz\_QPSK\_RB15\_0\_CH23165



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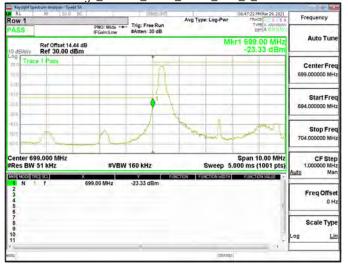
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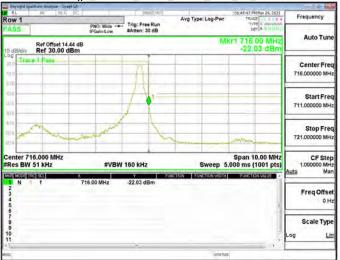


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Band Edge\_Band12\_5MHz\_QPSK\_RB1\_0\_CH23035



Band Edge Band12 5MHz QPSK RB1 24 CH23155



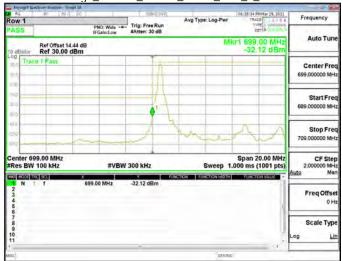
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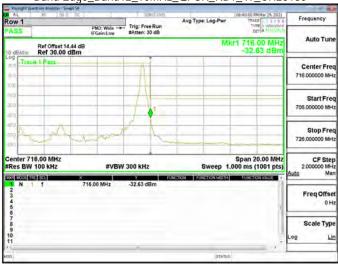
Band Edge\_Band12\_5MHz\_QPSK\_RB25\_0\_CH23155



Band Edge\_Band12\_10MHz\_QPSK\_RB1\_0\_CH23060



Band Edge\_Band12\_10MHz\_QPSK\_RB1\_49\_CH23130



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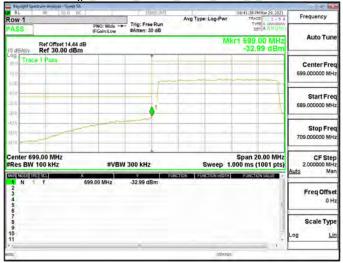
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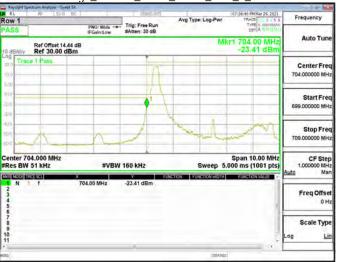
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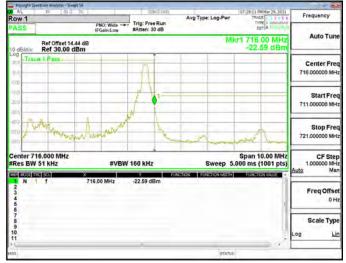
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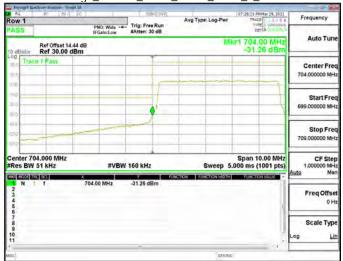
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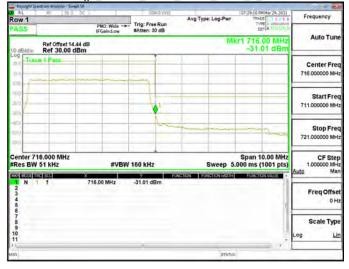
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Band Edge\_Band17\_5MHz\_QPSK\_RB25\_0\_CH23755



Band Edge\_Band17\_5MHz\_QPSK\_RB25\_0\_CH23825



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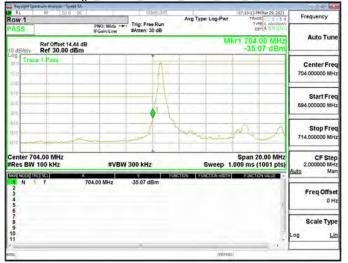
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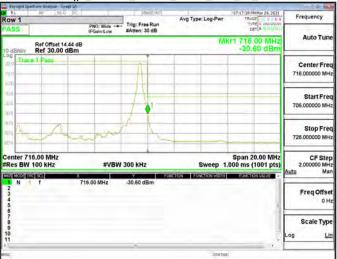


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#### Band Edge\_Band17\_10MHz\_QPSK\_RB1\_0\_CH23780



#### Band Edge Band17 10MHz QPSK RB1 49 CH23800



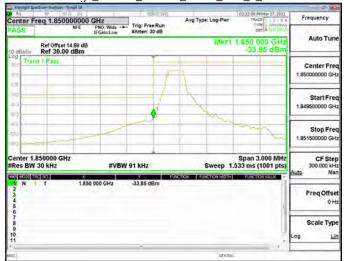
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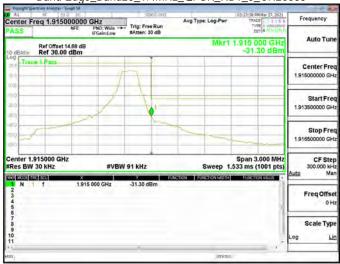
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Band Edge\_Band25\_1.4MHz\_QPSK\_RB1\_0\_CH26047



Band Edge\_Band25\_1.4MHz\_QPSK\_RB1\_5\_CH26683



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Band Edge\_Band25\_1.4MHz\_QPSK\_RB6\_0\_CH26047



Band Edge Band25 1.4MHz QPSK RB6 0 CH26683



Band Edge\_Band25\_3MHz\_QPSK\_RB1\_0\_CH26055



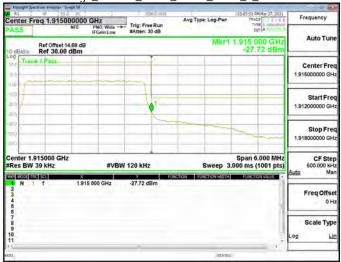
Band Edge\_Band25\_3MHz\_QPSK\_RB1\_14\_CH26675



Band Edge\_Band25\_3MHz\_QPSK\_RB15\_0\_CH26055



Band Edge\_Band25\_3MHz\_QPSK\_RB15\_0\_CH26675



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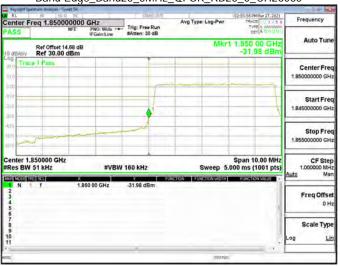
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#### Band Edge Band25 5MHz QPSK RB1 24 CH26665



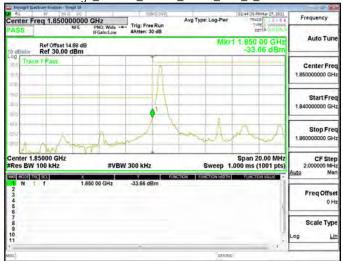
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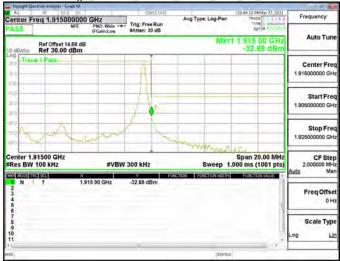
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Band Edge\_Band25\_10MHz\_QPSK\_RB1\_0\_CH26090



Band Edge\_Band25\_10MHz\_QPSK\_RB1\_49\_CH26640



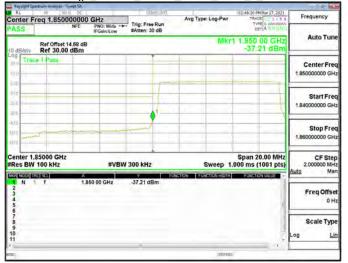
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#### Band Edge\_Band25\_10MHz\_QPSK\_RB50\_0\_CH26090



# Band Edge Band25 10MHz QPSK RB50 0 CH26640



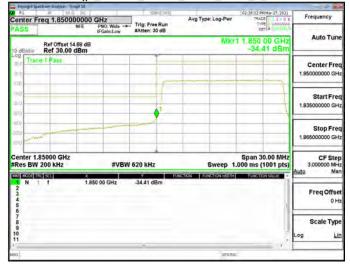
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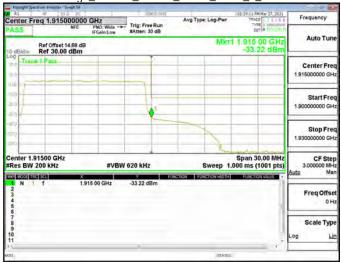
## Band Edge\_Band25\_15MHz\_QPSK\_RB1\_74\_CH26615



Band Edge\_Band25\_15MHz\_QPSK\_RB75\_0\_CH26115



Band Edge\_Band25\_15MHz\_QPSK\_RB75\_0\_CH26615



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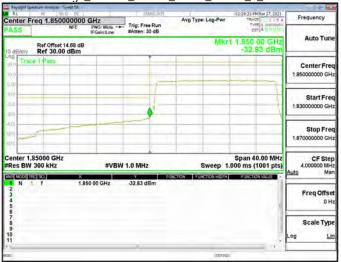
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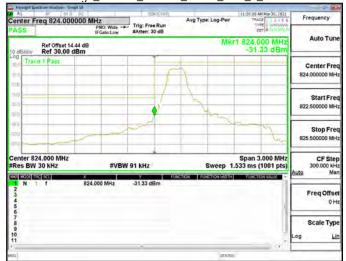
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Band Edge\_Band25\_20MHz\_QPSK\_RB100\_0\_CH26590



Band Edge\_Band26\_1.4MHz\_QPSK\_RB1\_0\_CH26797



Band Edge\_Band26\_1.4MHz\_QPSK\_RB1\_5\_CH27033



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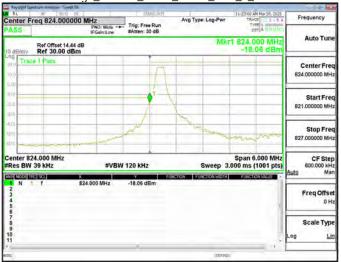
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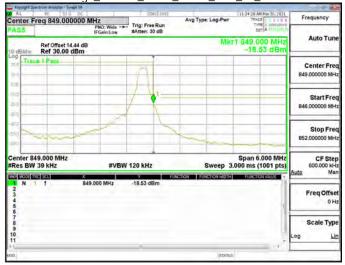
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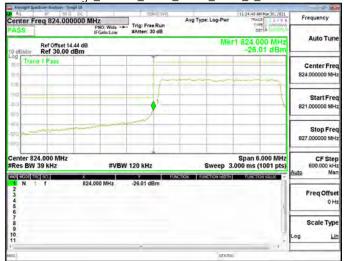
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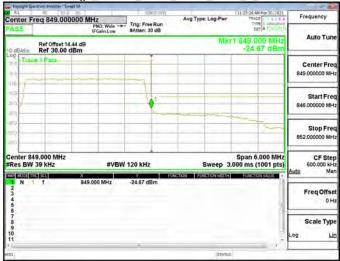
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Band Edge\_Band26\_3MHz\_QPSK\_RB15\_0\_CH26805



Band Edge\_Band26\_3MHz\_QPSK\_RB15\_0\_CH27025



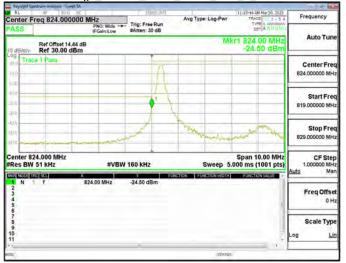
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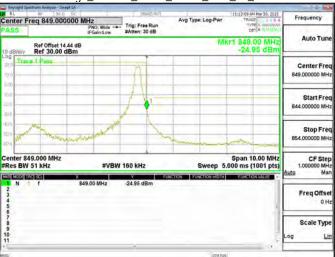


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Band Edge\_Band26\_5MHz\_QPSK\_RB1\_0\_CH26815



Band Edge Band26 5MHz QPSK RB1 24 CH27015



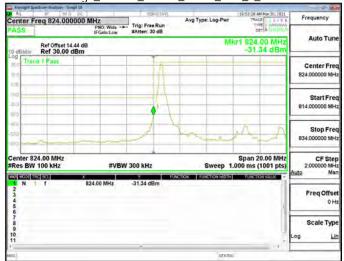
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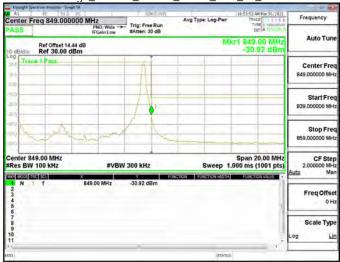
Band Edge\_Band26\_5MHz\_QPSK\_RB25\_0\_CH27015



Band Edge\_Band26\_10MHz\_QPSK\_RB1\_0\_CH26840



Band Edge\_Band26\_10MHz\_QPSK\_RB1\_49\_CH26990



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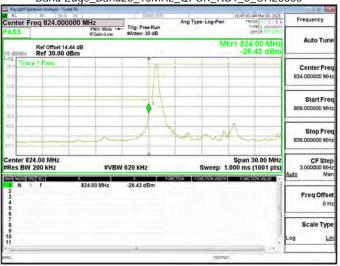
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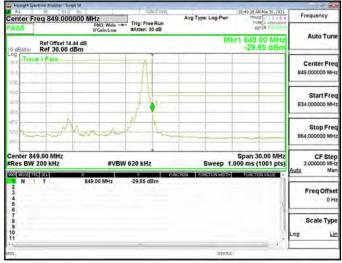
## Band Edge Band26 10MHz QPSK RB50 0 CH26990



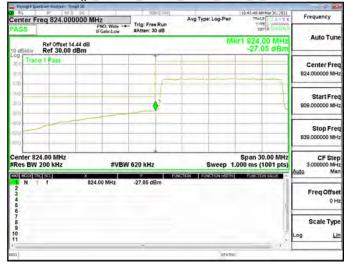
Band Edge\_Band26\_15MHz\_QPSK\_RB1\_0\_CH26865



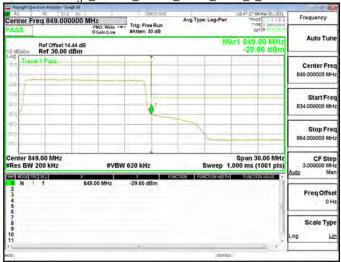
## Band Edge\_Band26\_15MHz\_QPSK\_RB1\_74\_CH26965



Band Edge\_Band26\_15MHz\_QPSK\_RB75\_0\_CH26865



Band Edge\_Band26\_15MHz\_QPSK\_RB75\_0\_CH26965



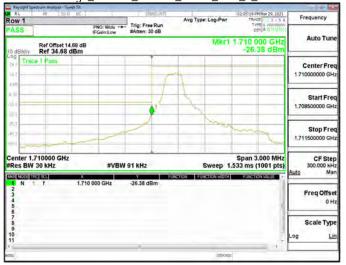
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#### Band Edge\_Band66\_1.4MHz\_QPSK\_RB1\_0\_CH131979



## Band Edge Band66 1.4MHz QPSK RB1 5 CH132665



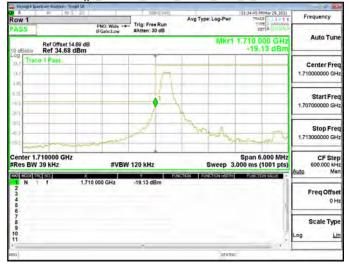
Band Edge\_Band66\_1.4MHz\_QPSK\_RB6\_0\_CH131979



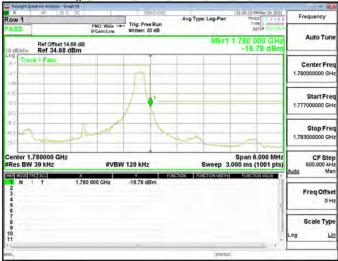
Band Edge\_Band66\_1.4MHz\_QPSK\_RB6\_0\_CH132665



Band Edge\_Band66\_3MHz\_QPSK\_RB1\_0\_CH131987



Band Edge\_Band66\_3MHz\_QPSK\_RB1\_14\_CH132657



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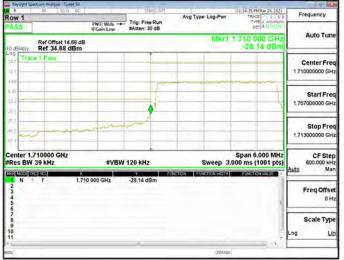
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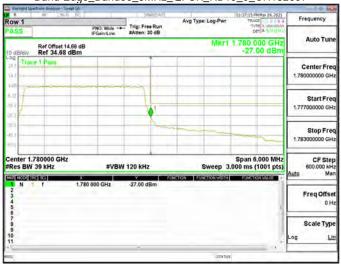


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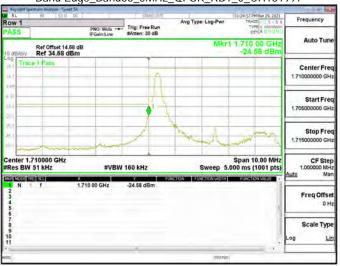
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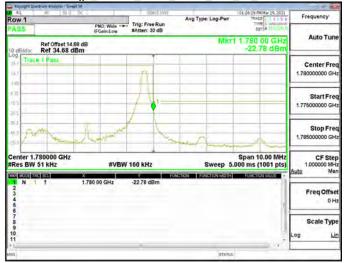
## Band Edge\_Band66\_3MHz\_QPSK\_RB15\_0\_CH132657



#### Band Edge\_Band66\_5MHz\_QPSK\_RB1\_0\_CH131997



#### Band Edge\_Band66\_5MHz\_QPSK\_RB1\_24\_CH132647



Band Edge\_Band66\_5MHz\_QPSK\_RB25\_0\_CH131997



Band Edge\_Band66\_5MHz\_QPSK\_RB25\_0\_CH132647



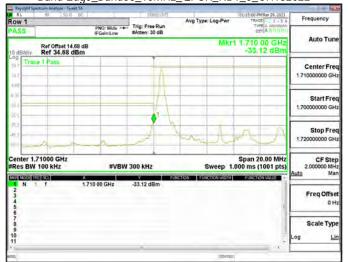
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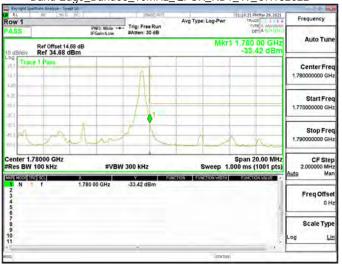


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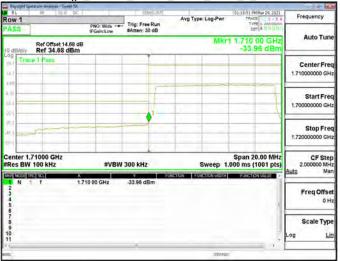
Band Edge\_Band66\_10MHz\_QPSK\_RB1\_0\_CH132022



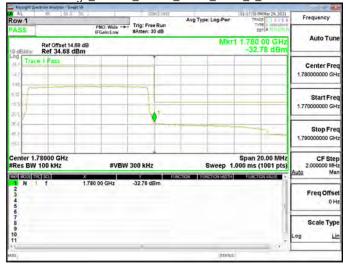
Band Edge Band66 10MHz QPSK RB1 49 CH132622



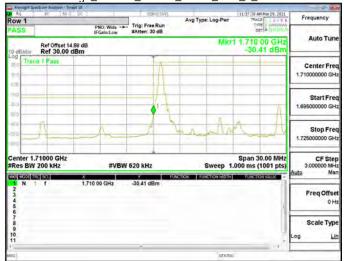
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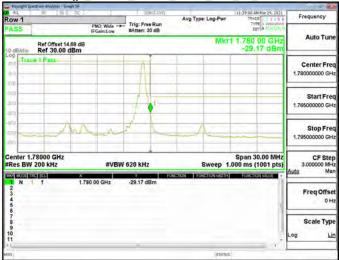
Band Edge\_Band66\_10MHz\_QPSK\_RB50\_0\_CH132622



Band Edge\_Band66\_15MHz\_QPSK\_RB1\_0\_CH132047



Band Edge\_Band66\_15MHz\_QPSK\_RB1\_74\_CH132597



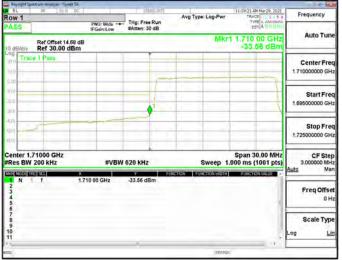
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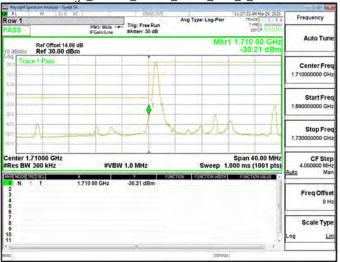
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Band Edge\_Band66\_15MHz\_QPSK\_RB75\_0\_CH132597



Band Edge\_Band66\_20MHz\_QPSK\_RB1\_0\_CH132072



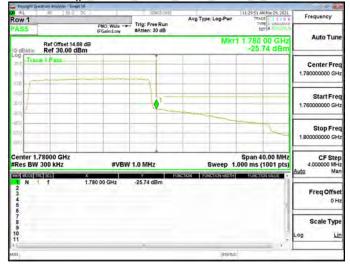
Band Edge\_Band66\_20MHz\_QPSK\_RB1\_99\_CH132572



Band Edge Band66 20MHz QPSK RB100 0 CH132072



Band Edge\_Band66\_20MHz\_QPSK\_RB100\_0\_CH132572



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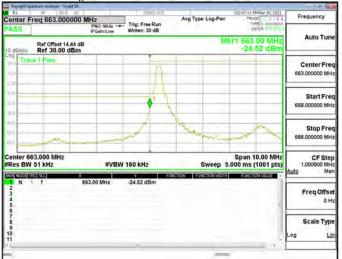
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Band Edge\_Band71\_5MHz\_QPSK\_RB1\_0\_CH133147



Band Edge Band71 5MHz QPSK RB1 24 CH133447



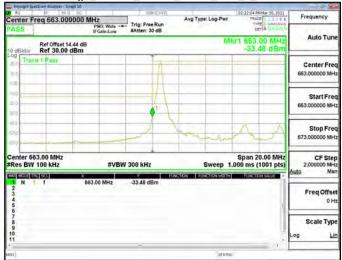
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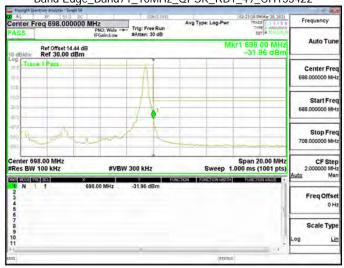
Band Edge\_Band71\_5MHz\_QPSK\_RB25\_0\_CH133447



Band Edge Band71 10MHz QPSK RB1 0 CH133172



Band Edge\_Band71\_10MHz\_QPSK\_RB1\_49\_CH133422



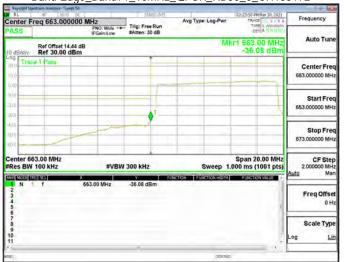
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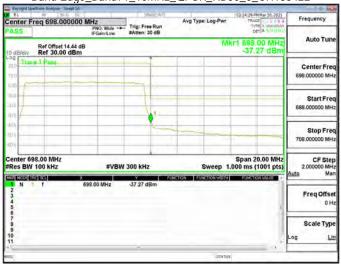


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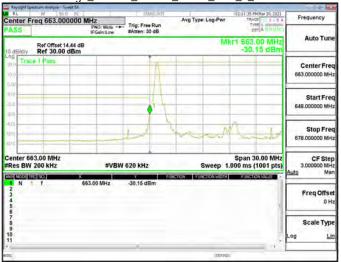
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Band Edge Band71 10MHz QPSK RB50 0 CH133422



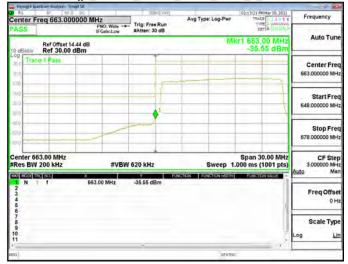
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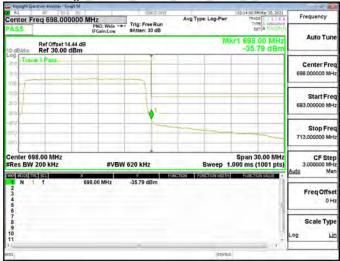
Band Edge\_Band71\_15MHz\_QPSK\_RB1\_74\_CH133397



Band Edge Band71 15MHz QPSK RB75 0 CH133197



Band Edge\_Band71\_15MHz\_QPSK\_RB75\_0\_CH133397



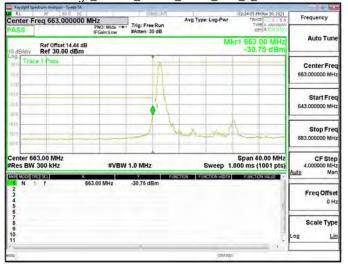
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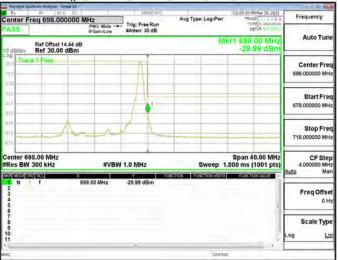


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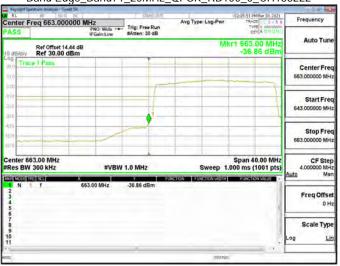
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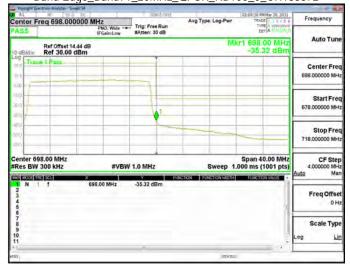
Band Edge Band71 20MHz QPSK RB1 99 CH133372



Band Edge\_Band71\_20MHz\_QPSK\_RB100\_0\_CH133222



Band Edge\_Band71\_20MHz\_QPSK\_RB100\_0\_CH133372



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