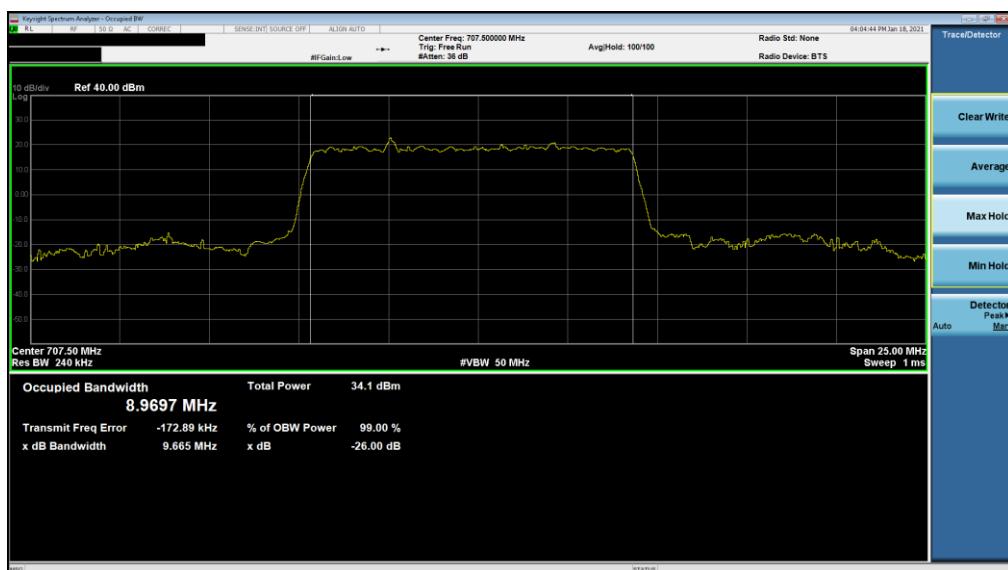
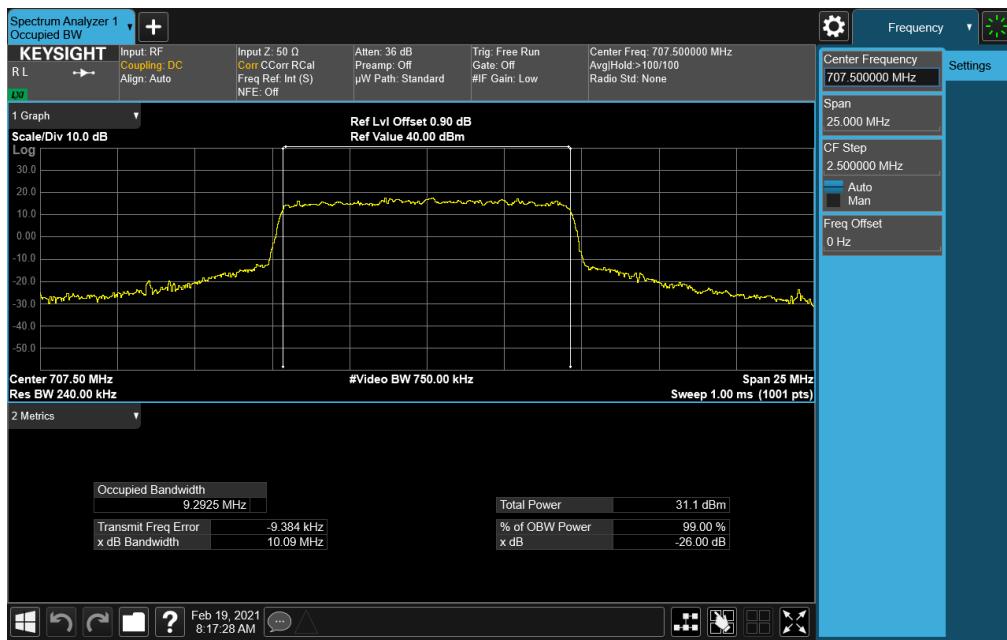


Plot 7-89. Occupied Bandwidth Plot (NR Band n12 - 15.0MHz CP-OFDM 256QAM - Full RB)

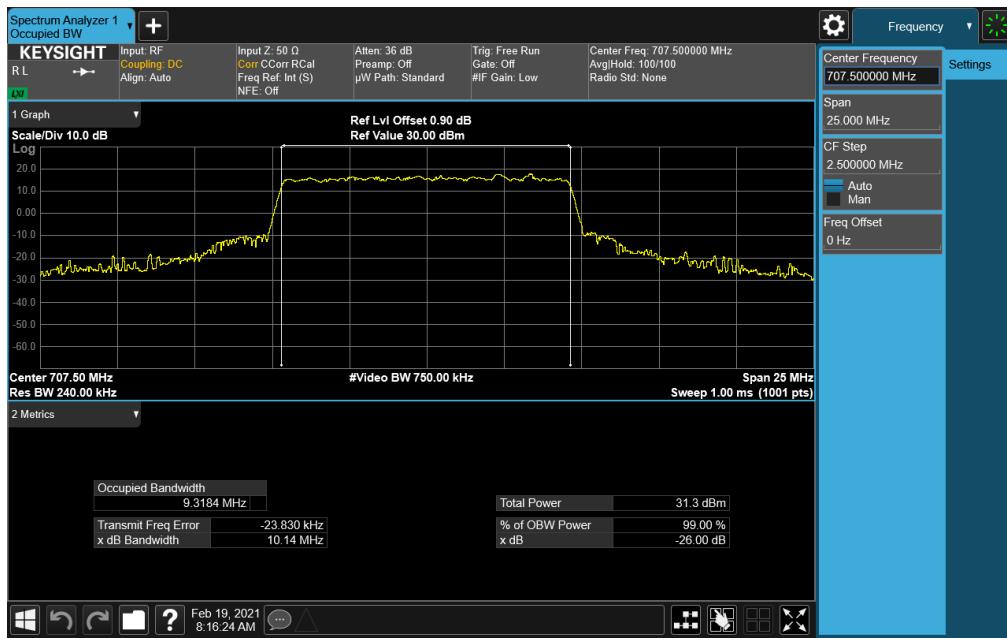


Plot 7-90. Occupied Bandwidth Plot (NR Band n12 - 10.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device				Page 60 of 270

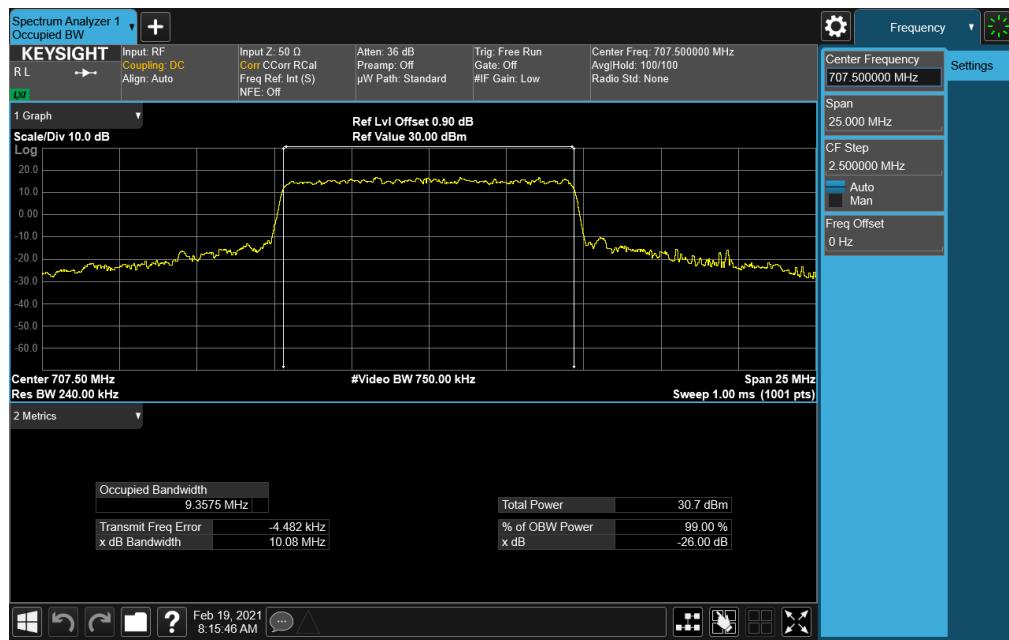


Plot 7-91. Occupied Bandwidth Plot (NR Band n12 - 10.0MHz CP-OFDM QPSK - Full RB)

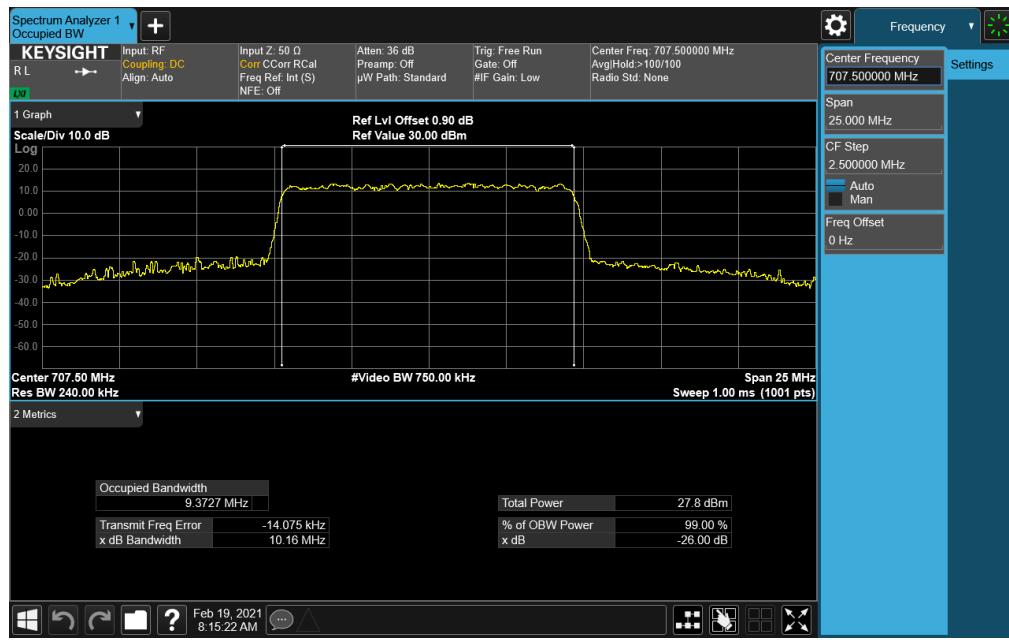


Plot 7-92. Occupied Bandwidth Plot (NR Band n12 - 10.0MHz CP-OFDM 16QAM - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 61 of 270

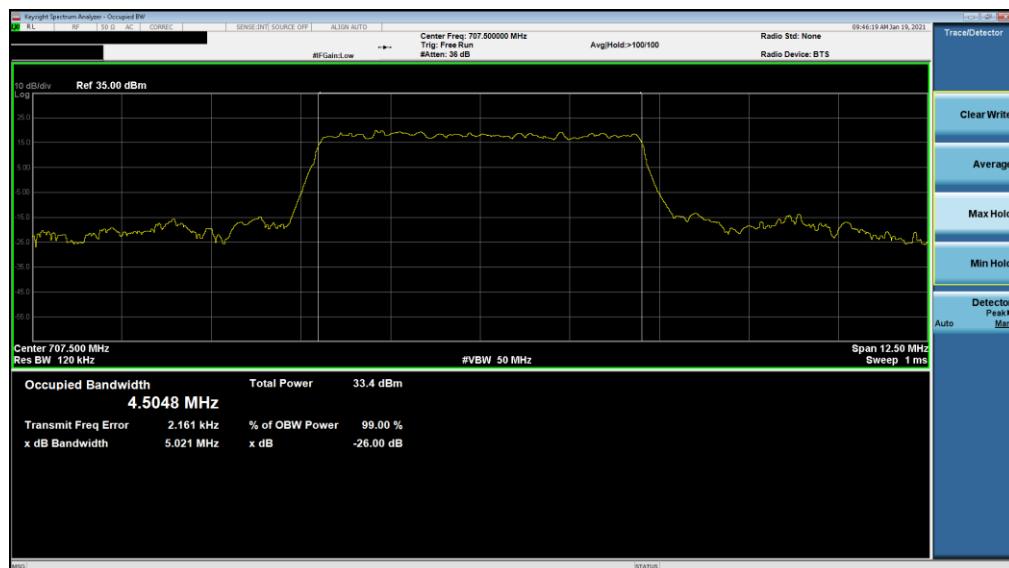


Plot 7-93. Occupied Bandwidth Plot (NR Band n12 - 10.0MHz CP-OFDM 64QAM - Full RB)

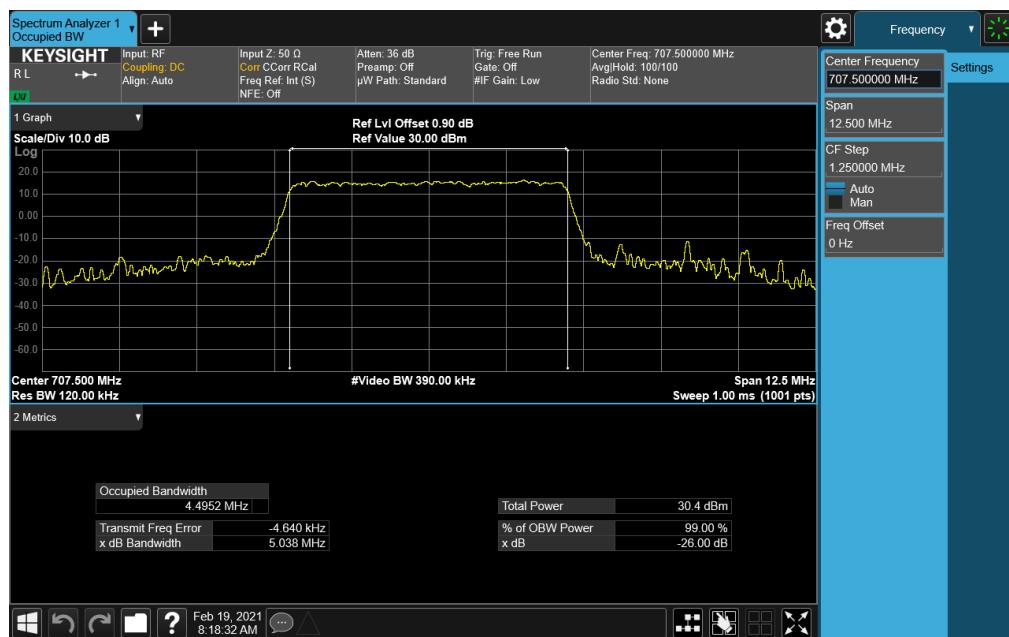


Plot 7-94. Occupied Bandwidth Plot (NR Band n12 - 10.0MHz CP-OFDM 256QAM - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 62 of 270

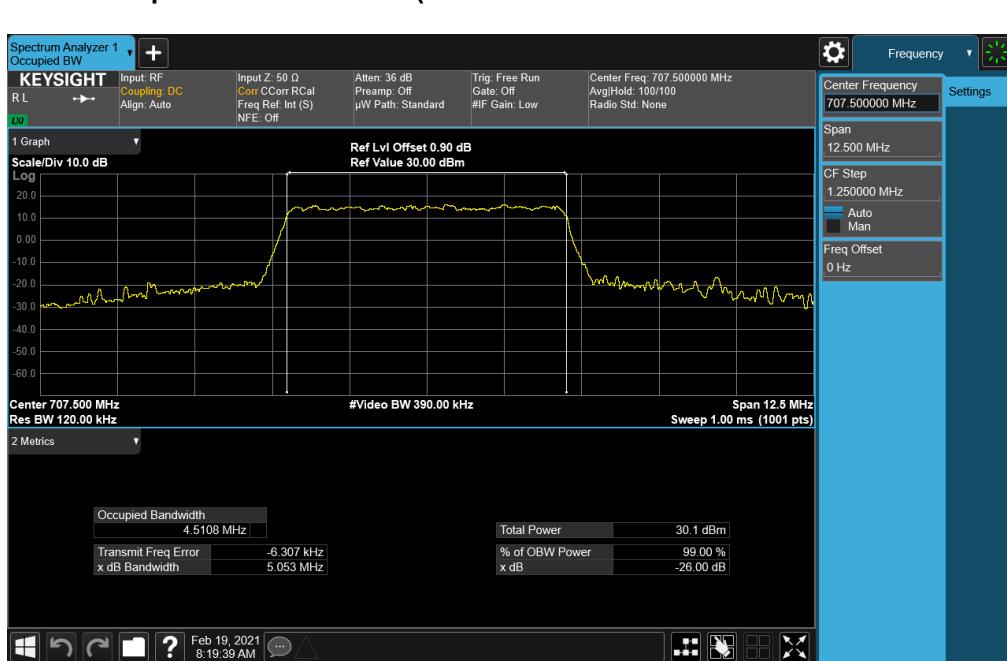
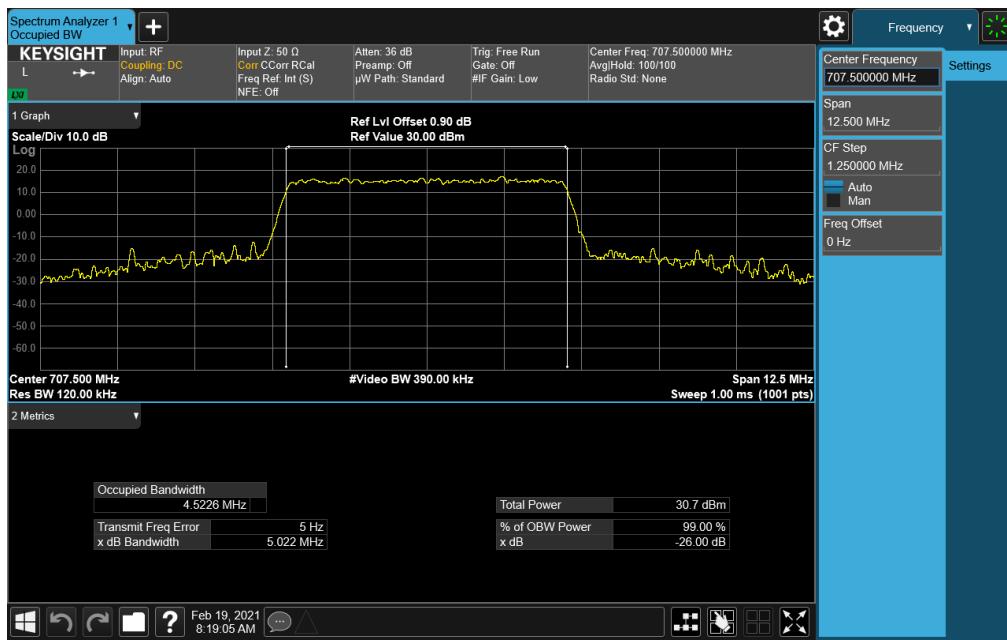


Plot 7-95. Occupied Bandwidth Plot (NR Band n12 - 5.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

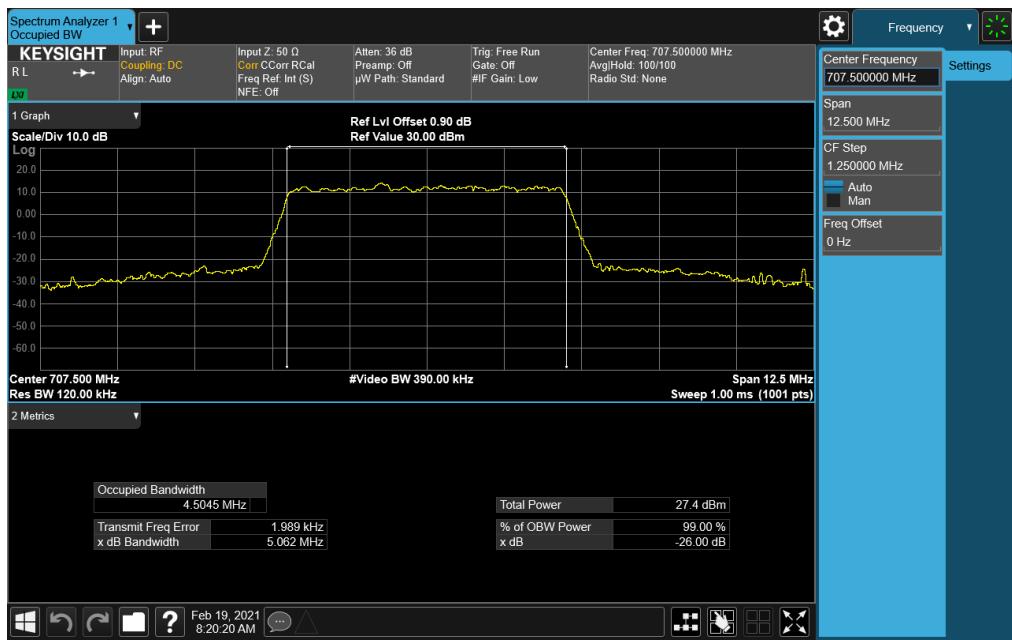


Plot 7-96. Occupied Bandwidth Plot (NR Band n12 - 5.0MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 63 of 270

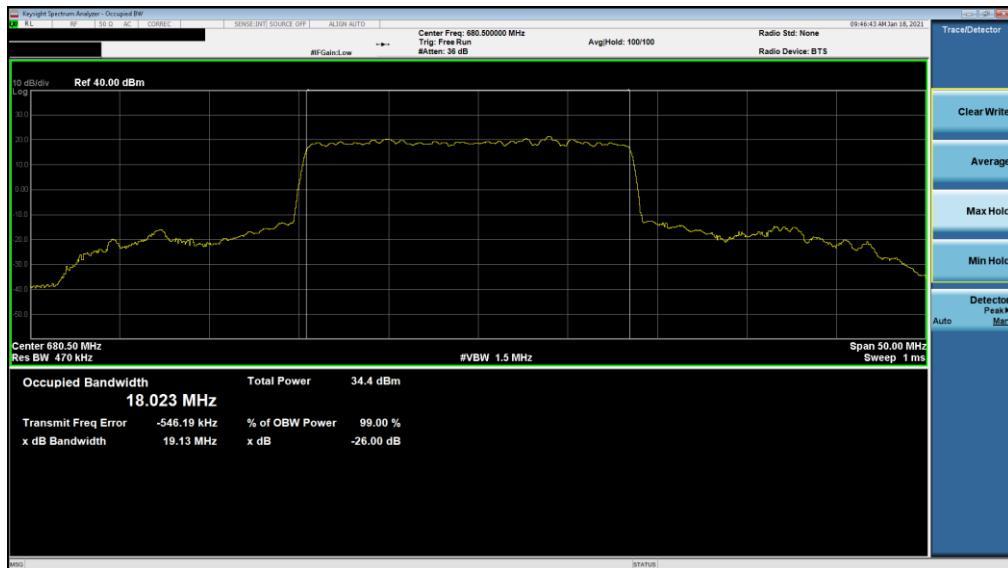


FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 64 of 270

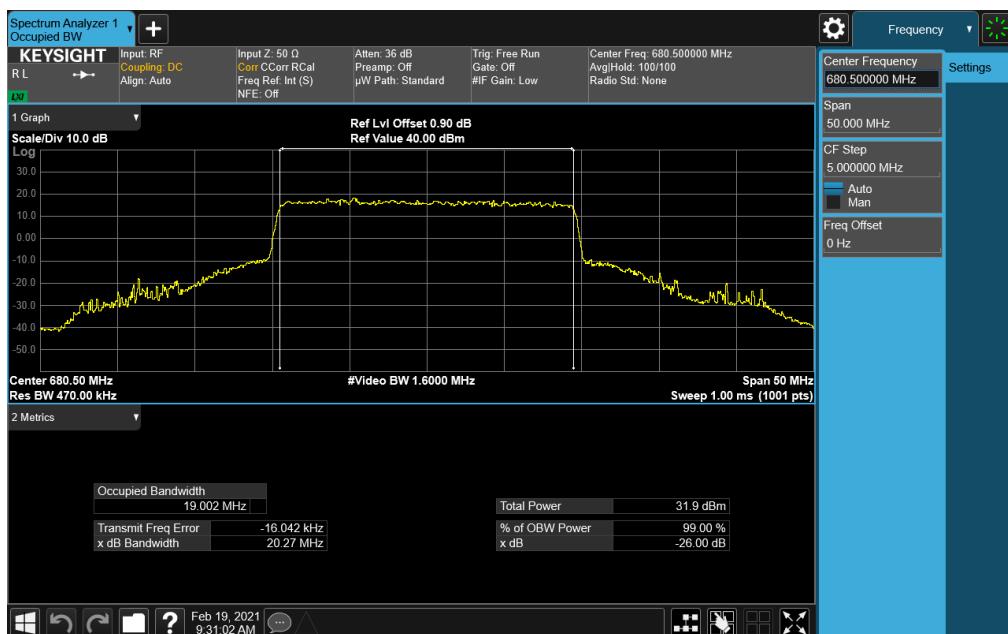


FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 65 of 270

## NR Band n71

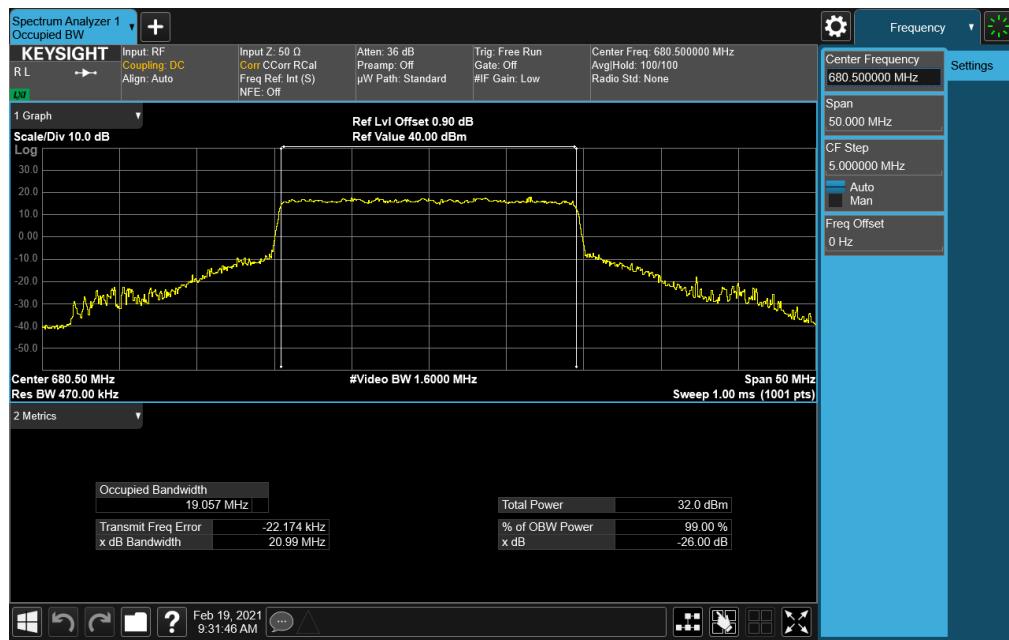


Plot 7-100. Occupied Bandwidth Plot (NR Band n71 - 20.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

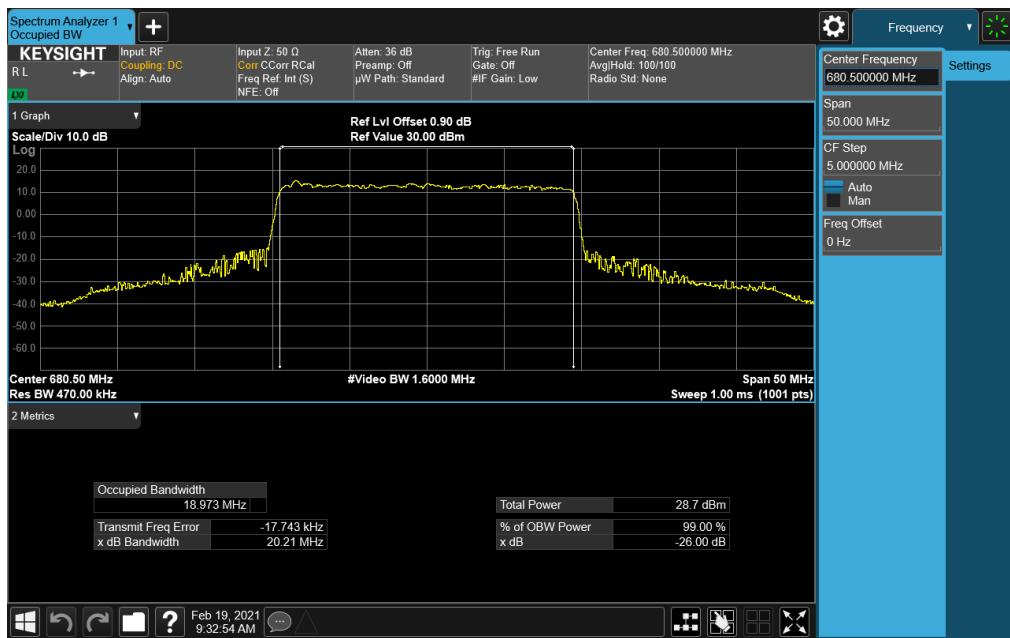


Plot 7-101. Occupied Bandwidth Plot (NR Band n71 - 20.0MHz CP-OFDM QPSK - Full RB)

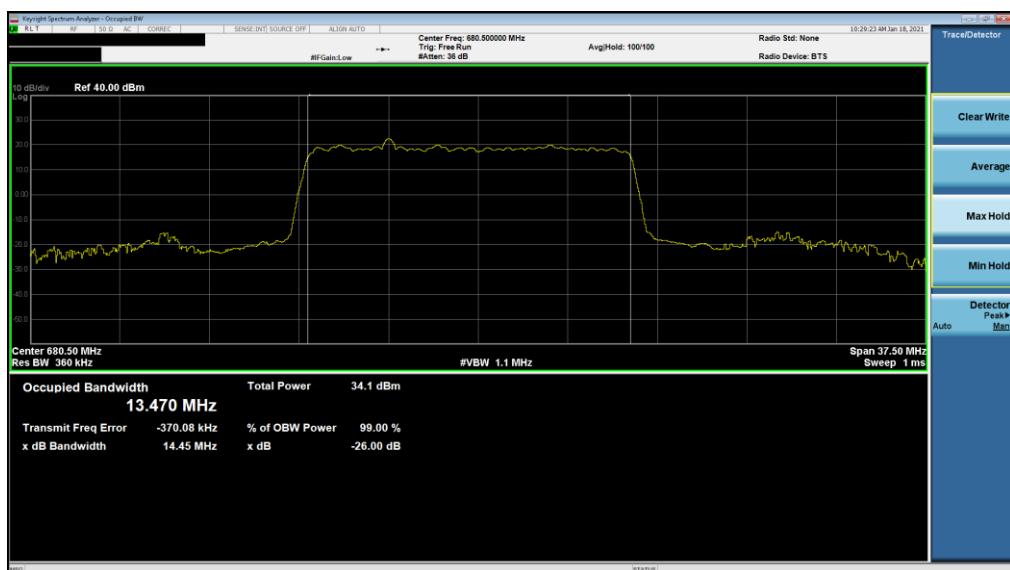
FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 66 of 270



FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 67 of 270

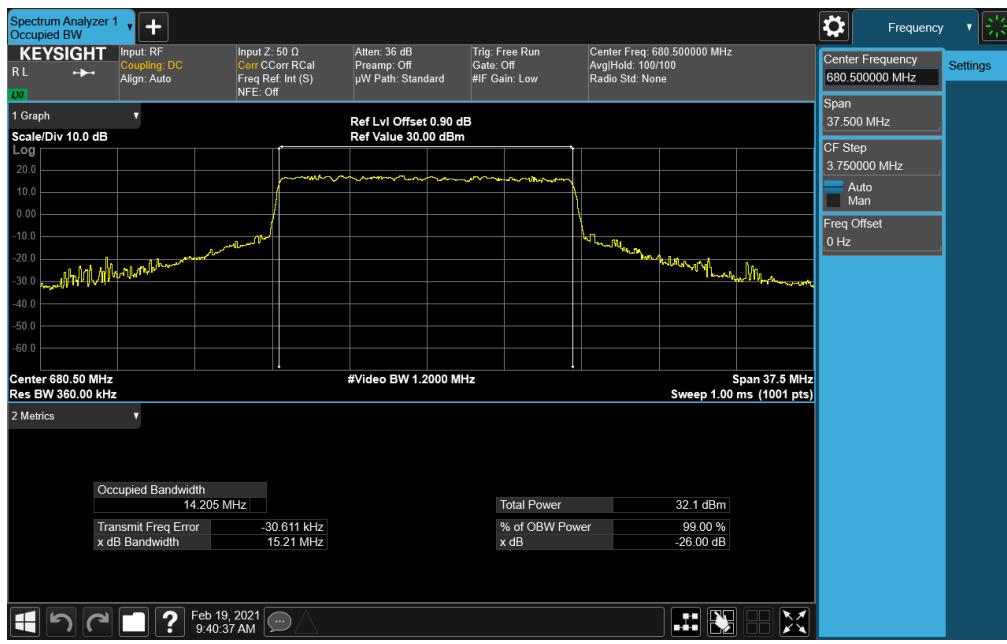


Plot 7-104. Occupied Bandwidth Plot (NR Band n71 - 20.0MHz CP-OFDM 256QAM - Full RB)

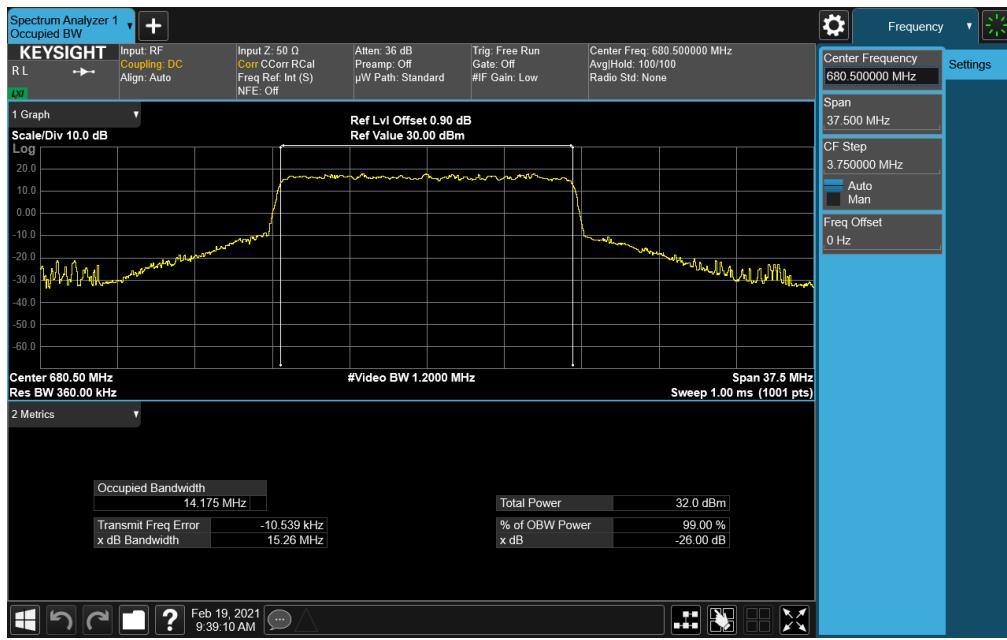


Plot 7-105. Occupied Bandwidth Plot (NR Band n71 - 15.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 68 of 270

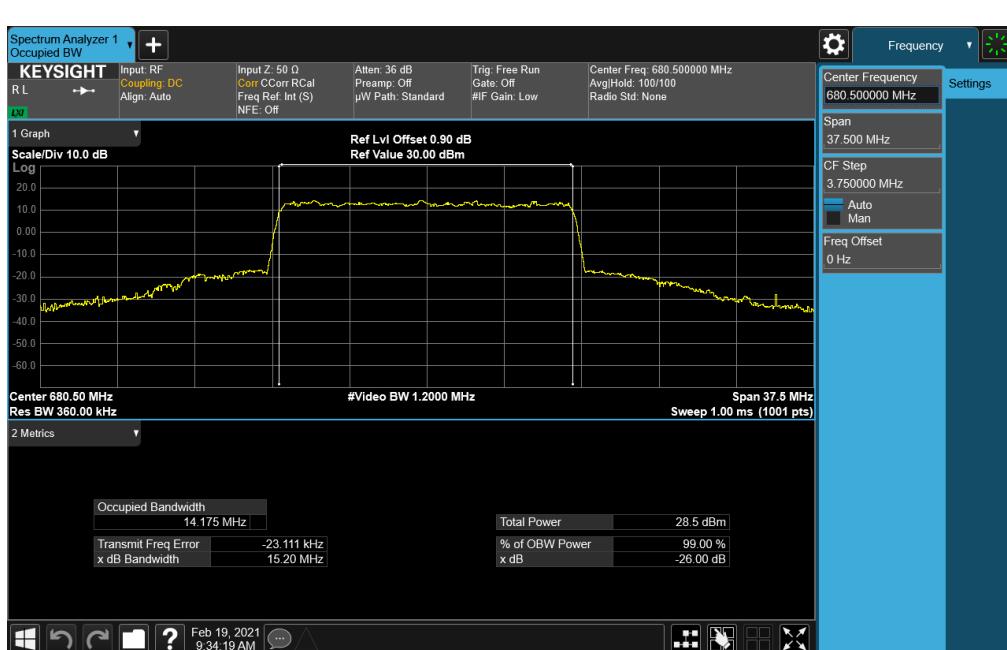
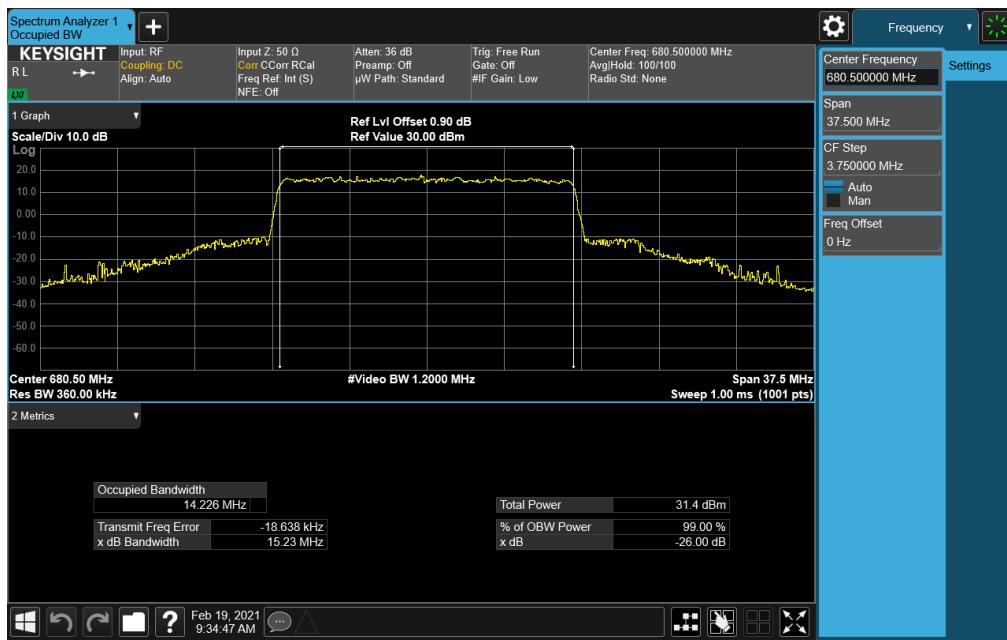


Plot 7-106. Occupied Bandwidth Plot (NR Band n71 - 15.0MHz CP-OFDM QPSK - Full RB)



Plot 7-107. Occupied Bandwidth Plot (NR Band n71 - 15.0MHz CP-OFDM 16QAM - Full RB)

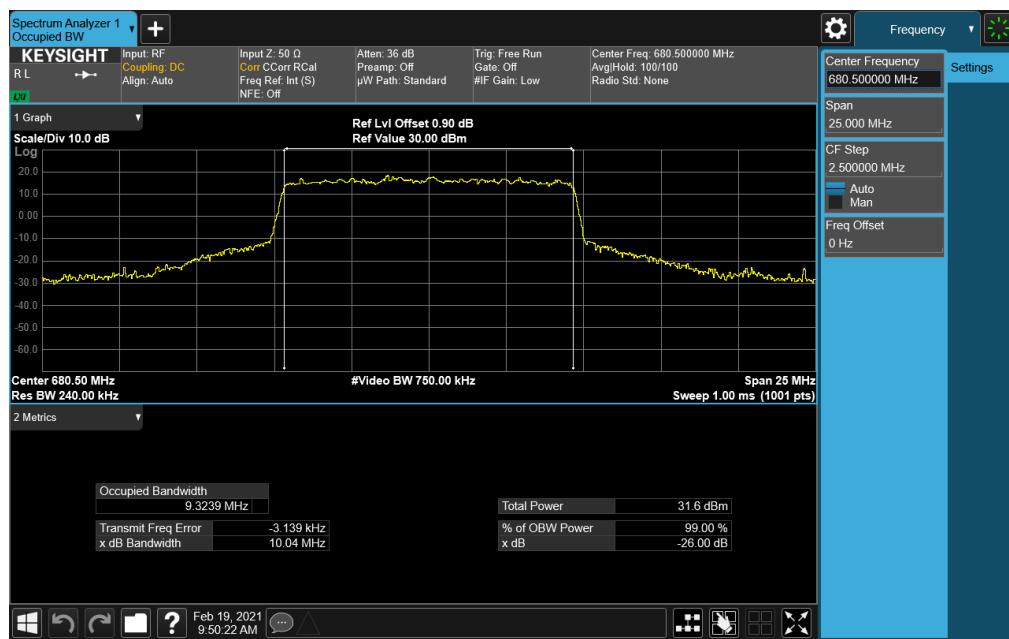
FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 69 of 270



FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 70 of 270

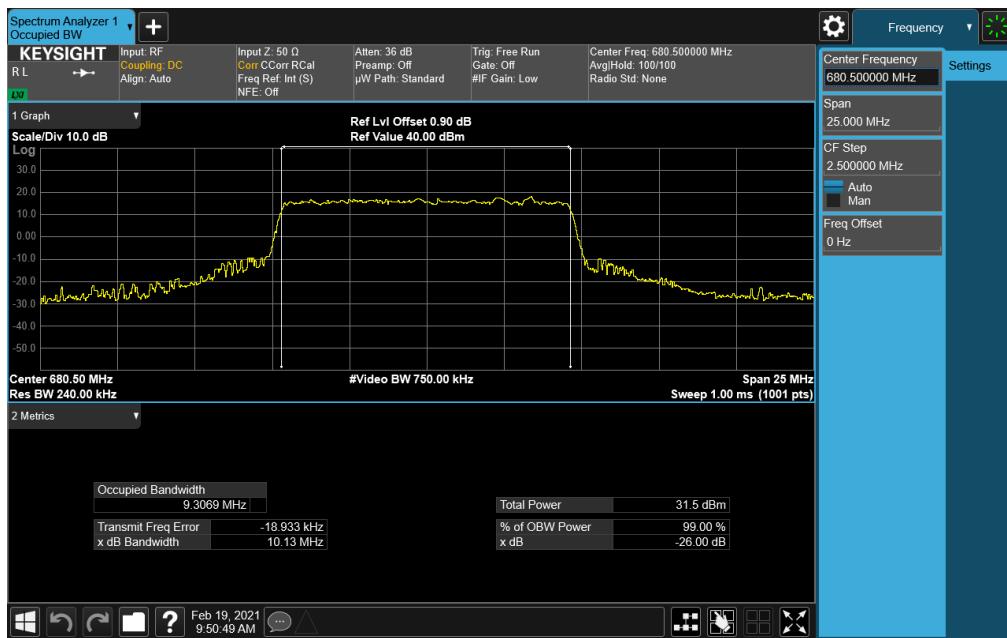


Plot 7-110. Occupied Bandwidth Plot (NR Band n71 - 10.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

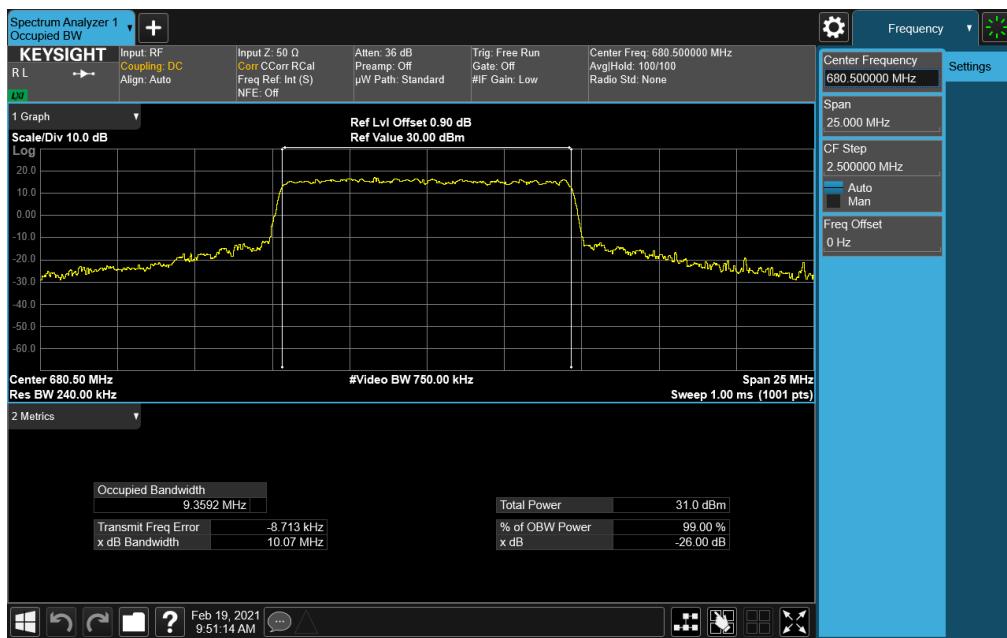


Plot 7-111. Occupied Bandwidth Plot (NR Band n71 - 10.0MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 71 of 270

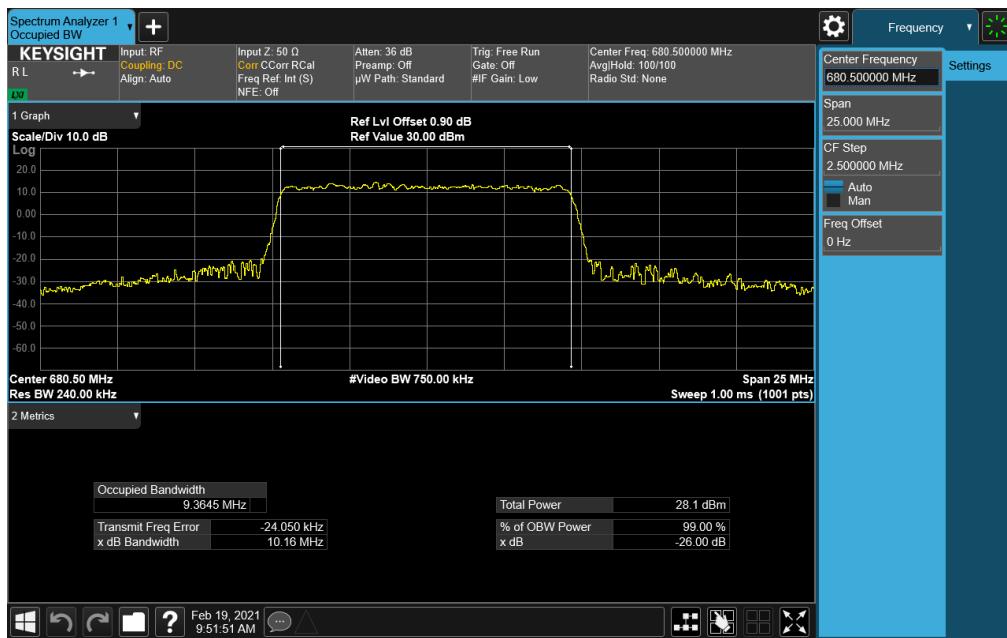


Plot 7-112. Occupied Bandwidth Plot (NR Band n71 - 10.0MHz CP-OFDM 16QAM - Full RB)

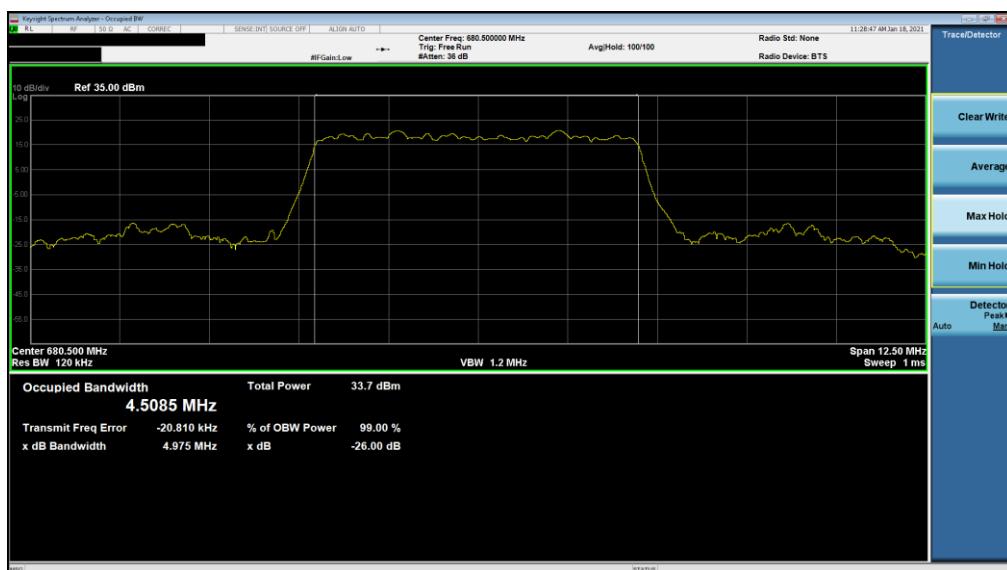


Plot 7-113. Occupied Bandwidth Plot (NR Band n71 - 10.0MHz CP-OFDM 64QAM - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 72 of 270



Plot 7-114. Occupied Bandwidth Plot (NR Band n71 - 10.0MHz CP-OFDM 256QAM - Full RB)

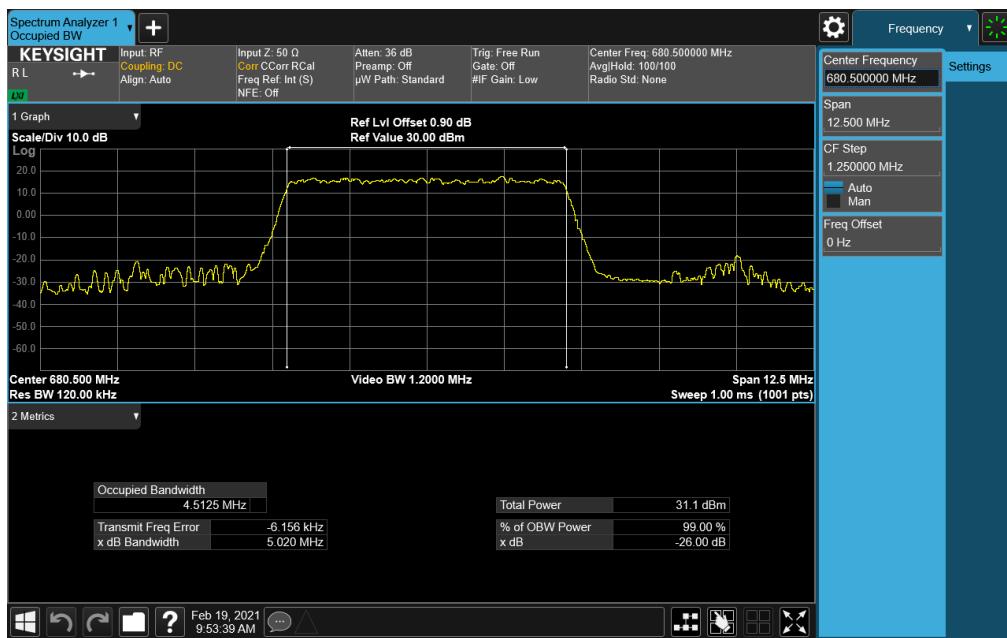


Plot 7-115. Occupied Bandwidth Plot (NR Band n71 - 5.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 73 of 270

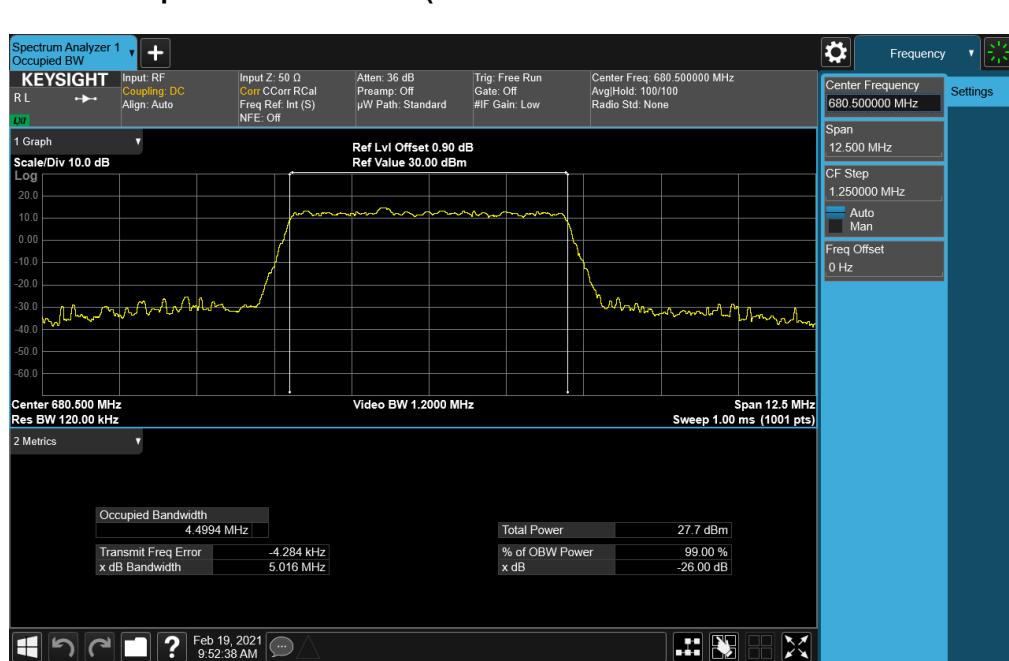
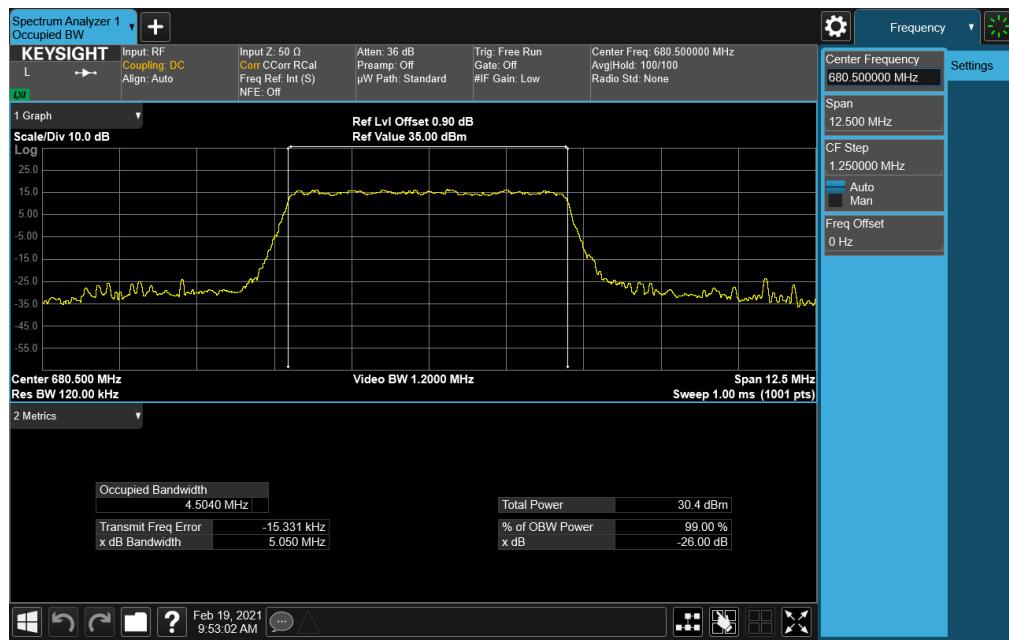


Plot 7-116. Occupied Bandwidth Plot (NR Band n71 - 5.0MHz CP-OFDM QPSK - Full RB)

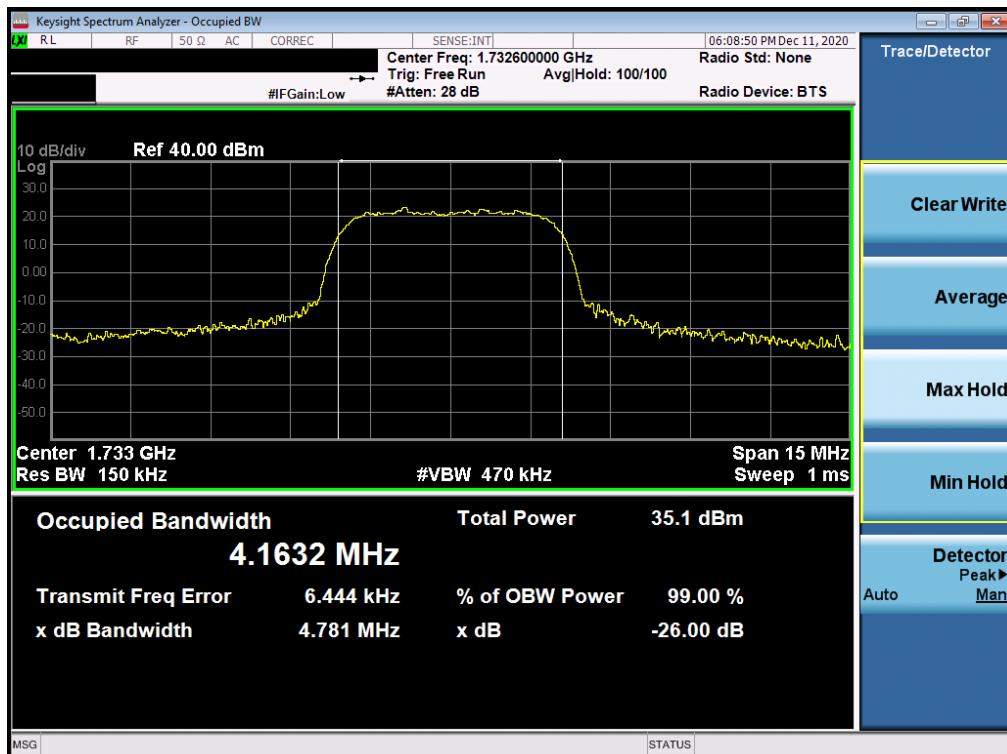


Plot 7-117. Occupied Bandwidth Plot (NR Band n71 - 5.0MHz CP-OFDM 16QAM - Full RB)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 74 of 270



FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 75 of 270

**WCDMA AWS**

**Plot 7-120. Occupied Bandwidth Plot (WCDMA, Ch. 1413)**

FCC ID: BCGA2301	 <b>PCTEST</b> Proud to be part of element		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 76 of 270

## 7.3 Spurious and Harmonic Emissions at Antenna Terminal

§2.1051, §27.53

### Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10<sup>th</sup> harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section. All ports were tested and only the worst case data were reported.

***The minimum permissible attenuation level of any spurious emission is  $43 + 10 \log_{10}(P[\text{Watts}])$ , where P is the transmitter power in Watts.***

### Test Procedure Used

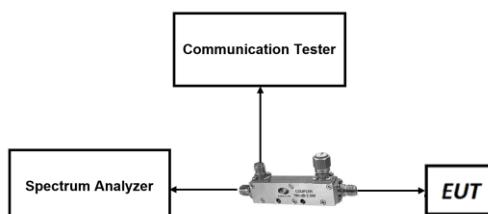
KDB 971168 D01 v03r01 – Section 6.0

### Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 18GHz (separated into at least two plots per channel)
2. RBW  $\geq$  100kHz
3. VBW  $\geq$  3 x RBW
4. Detector = RMS
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-2. Test Instrument & Measurement Setup**

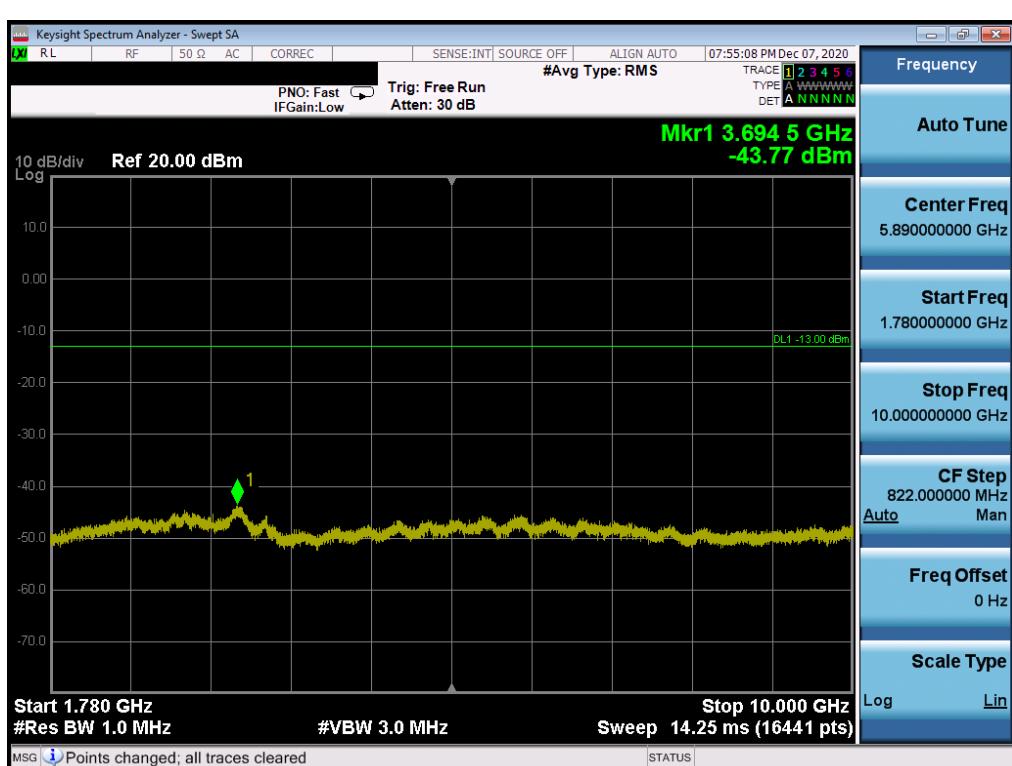
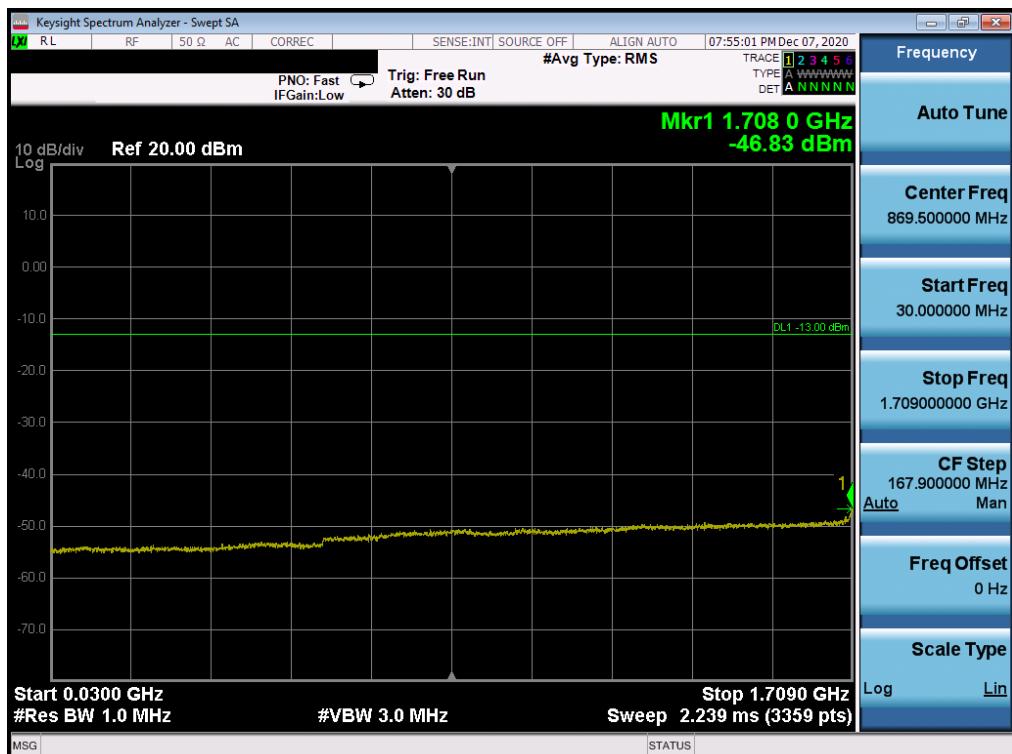
FCC ID: BCGA2301	PCTEST <sup>®</sup> Proud to be part of element		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 77 of 270

## Test Notes

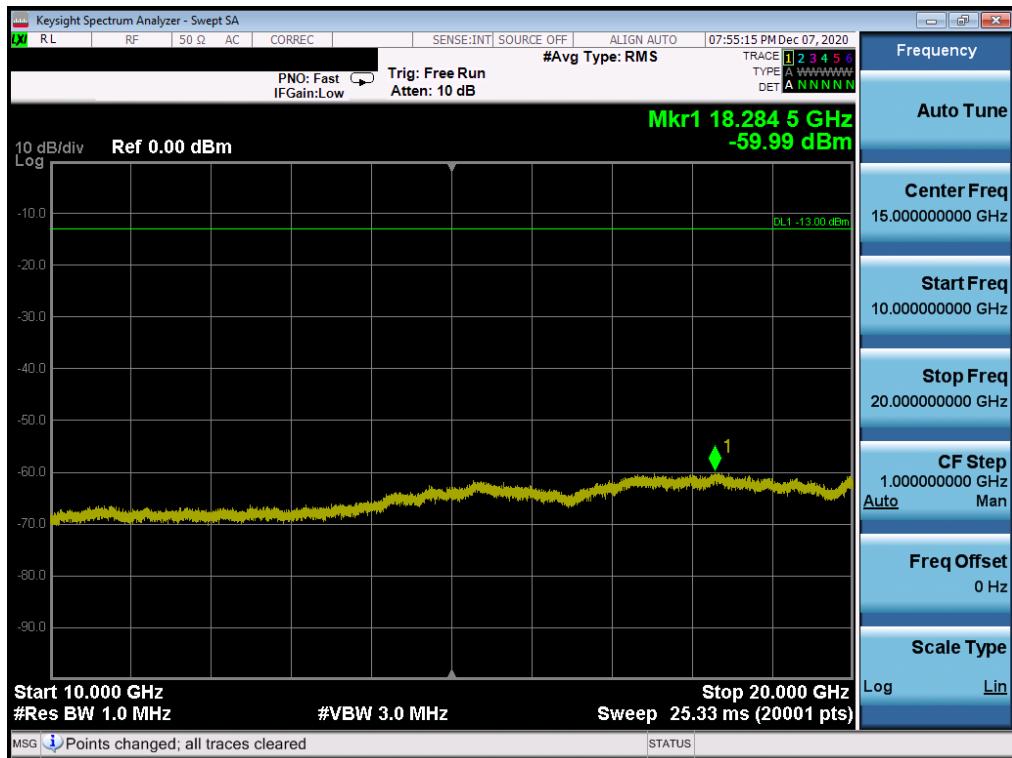
1. Per Part 27, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 100 kHz or greater for measurements below 1GHz. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. 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 emission are attenuated at least 26 dB below the transmitter power.
2. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

FCC ID: BCGA2301	PCTEST <sup>®</sup> Proud to be part of element		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 78 of 270

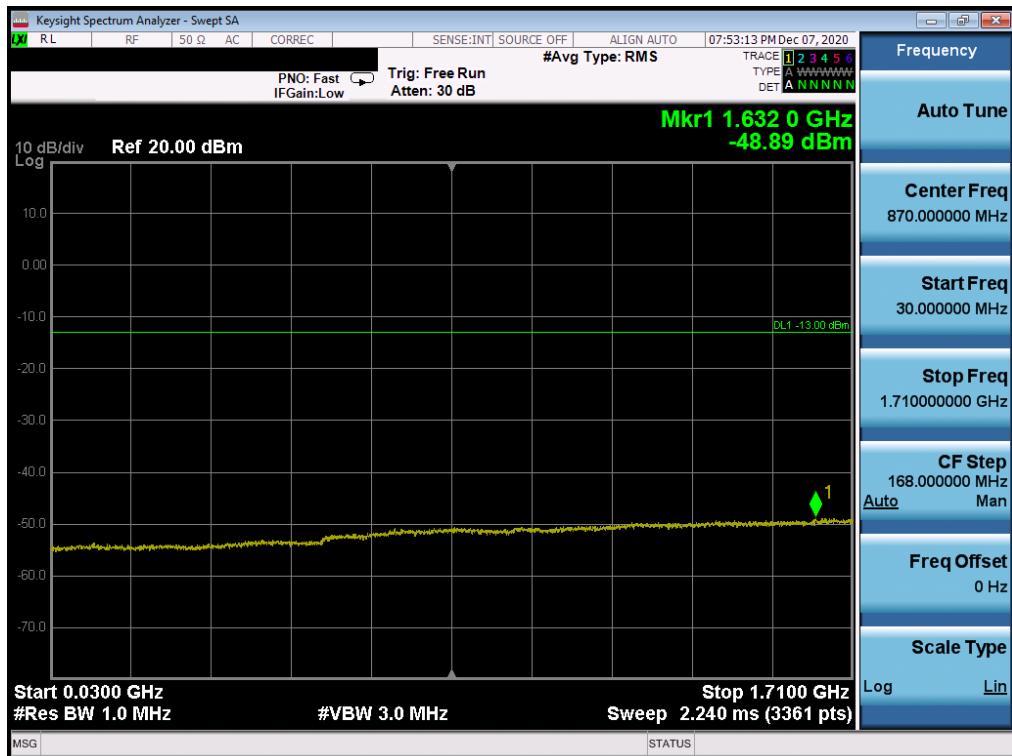
## LTE Band 66/4



FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 79 of 270

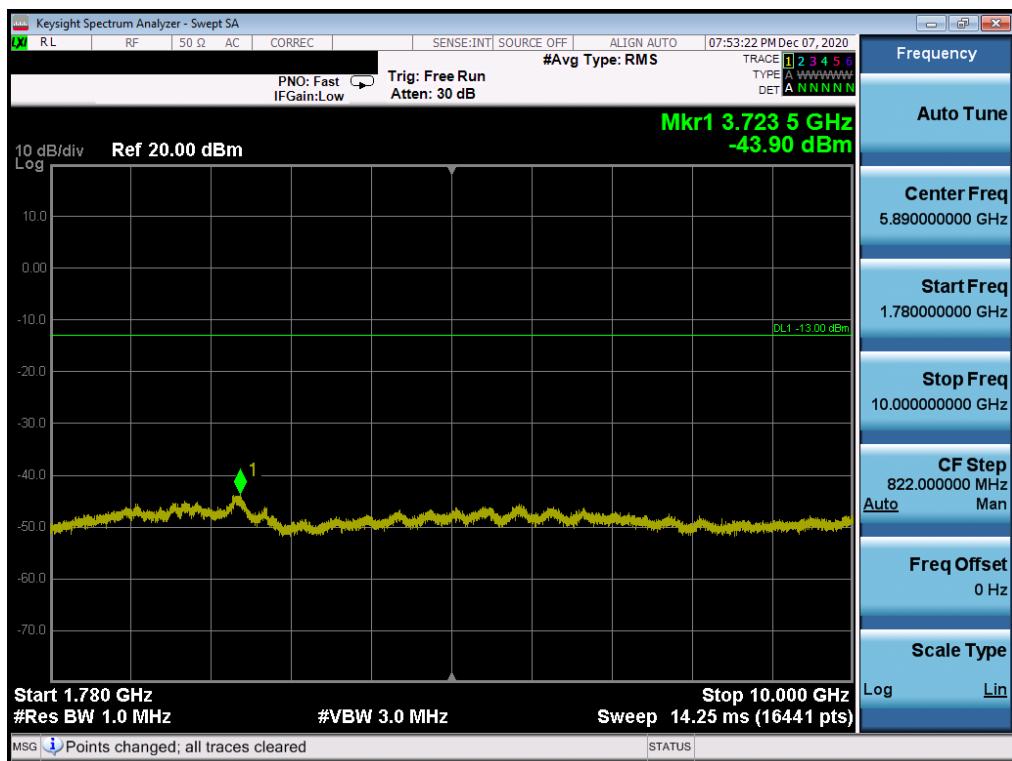


Plot 7-123. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

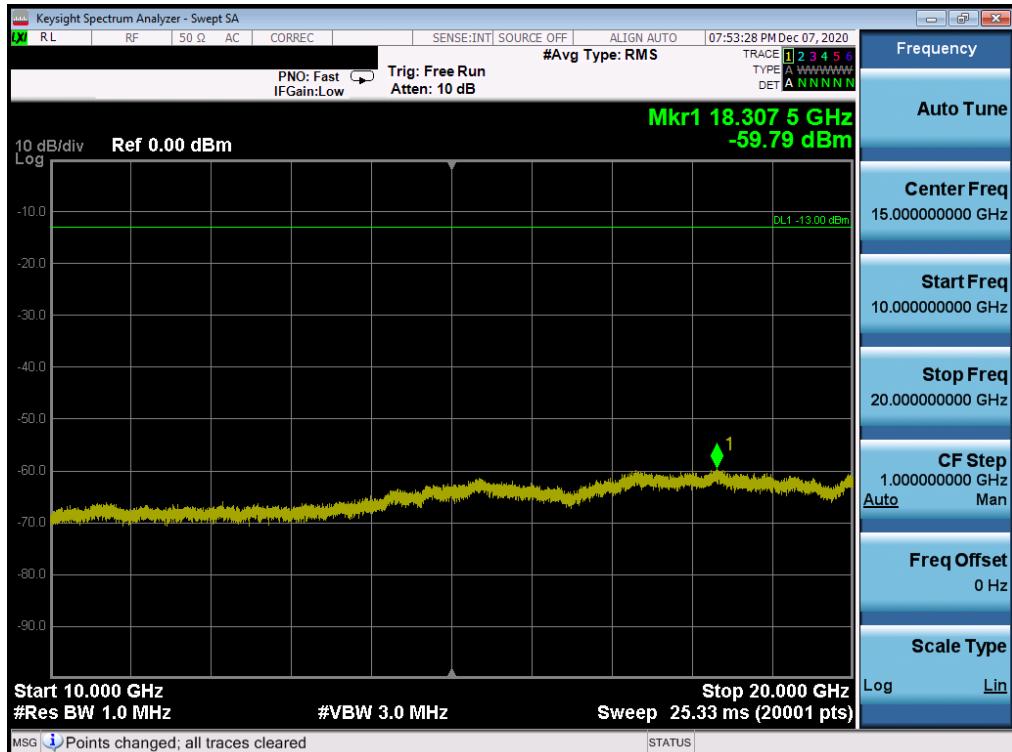


Plot 7-124. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 80 of 270

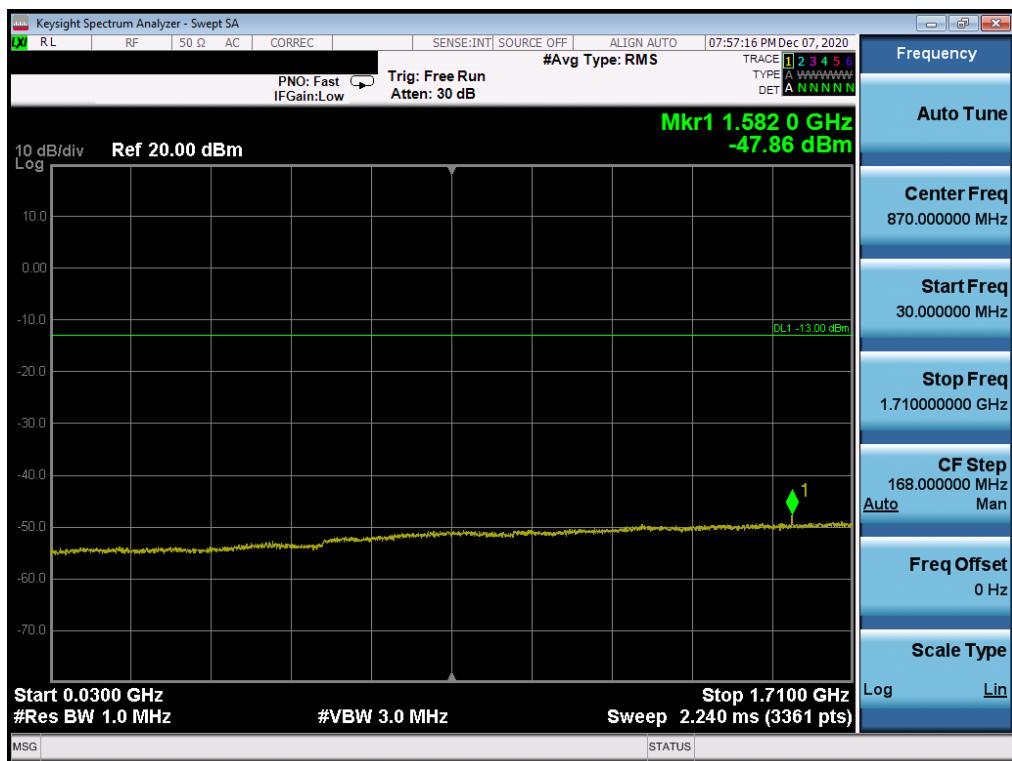


Plot 7-125. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

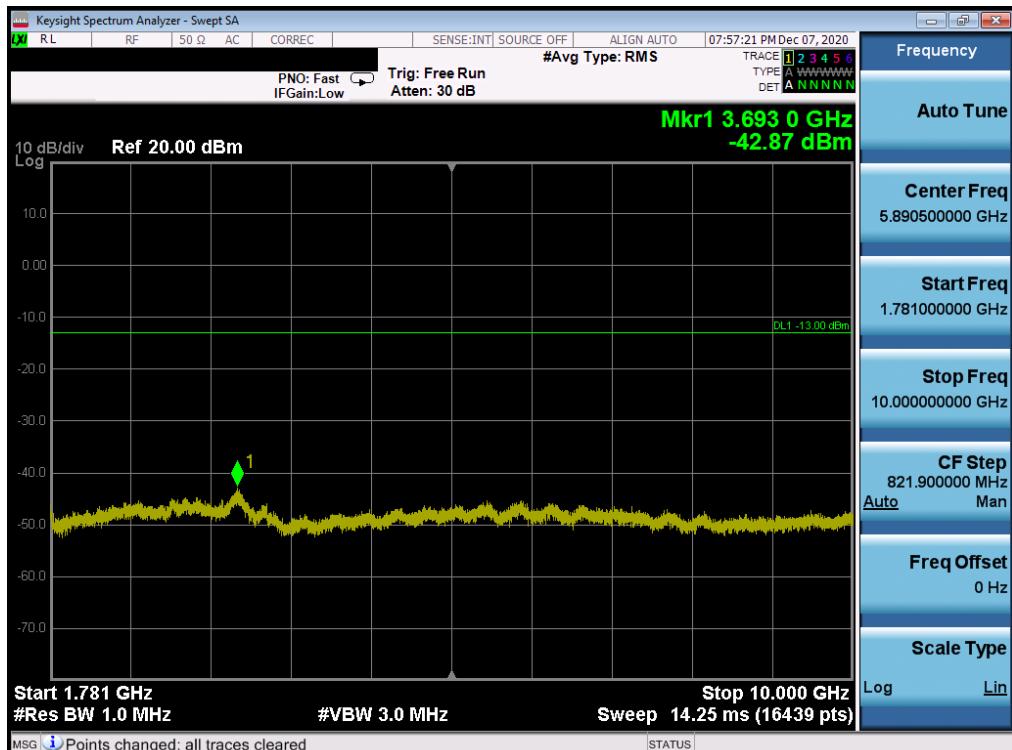


Plot 7-126. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	 <b>PCTEST</b> Proud to be part of 	<b>PART 27 MEASUREMENT REPORT</b>	
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device	<b>Approved by:</b> Quality Manager Page 81 of 270

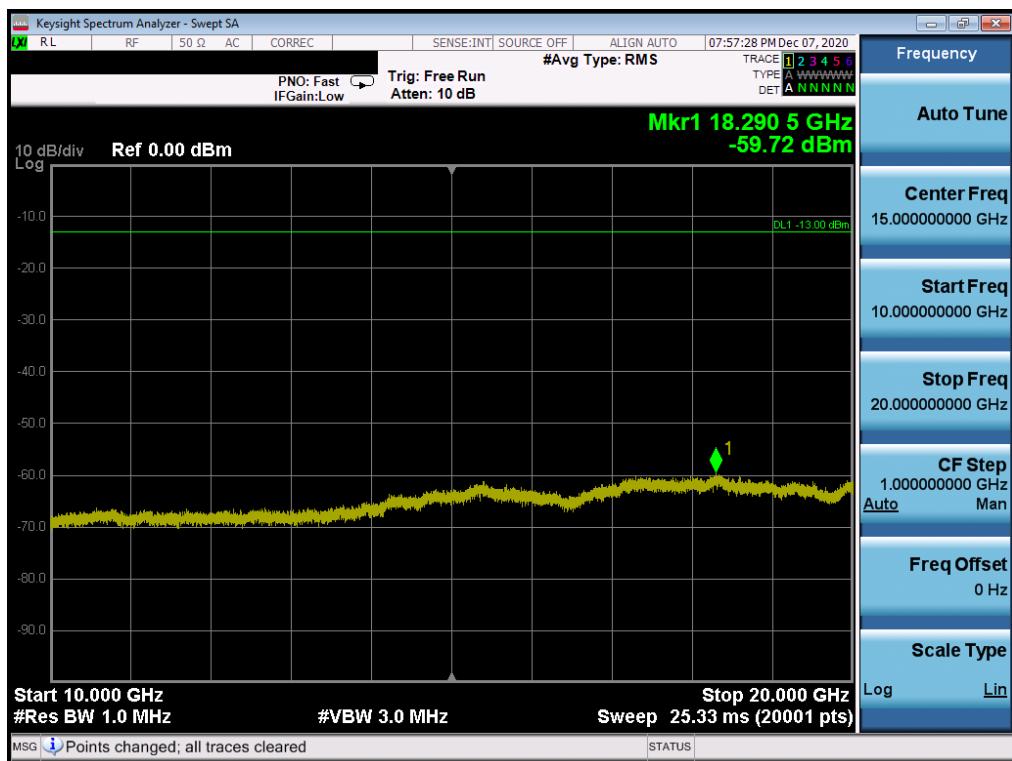


Plot 7-127. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-128. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

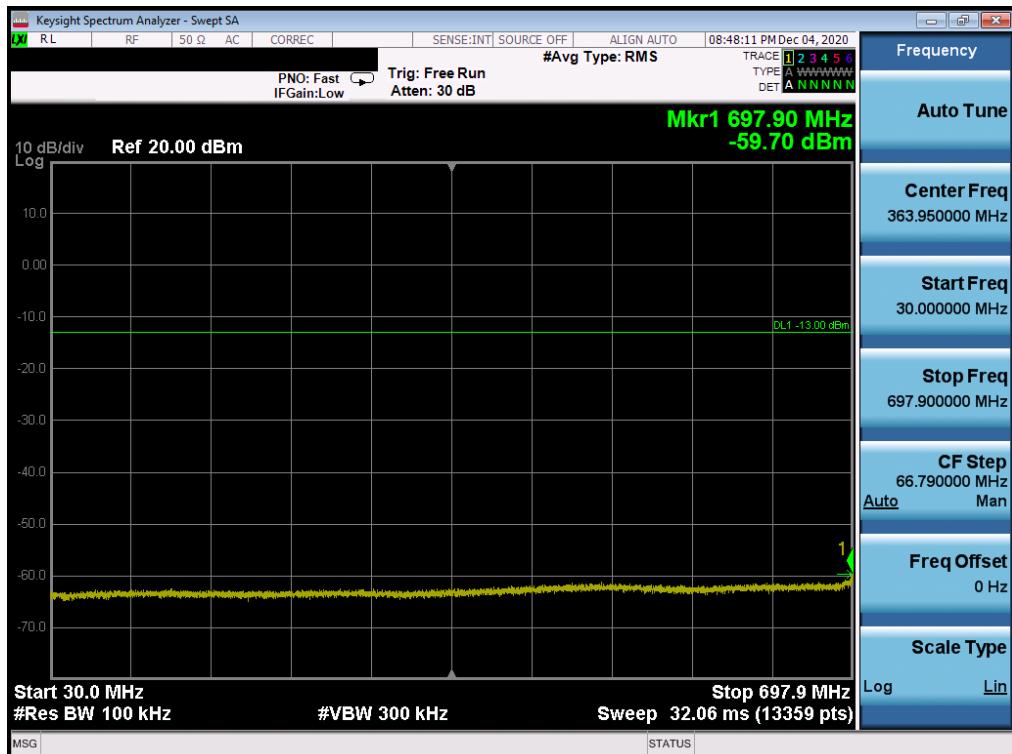
FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 82 of 270



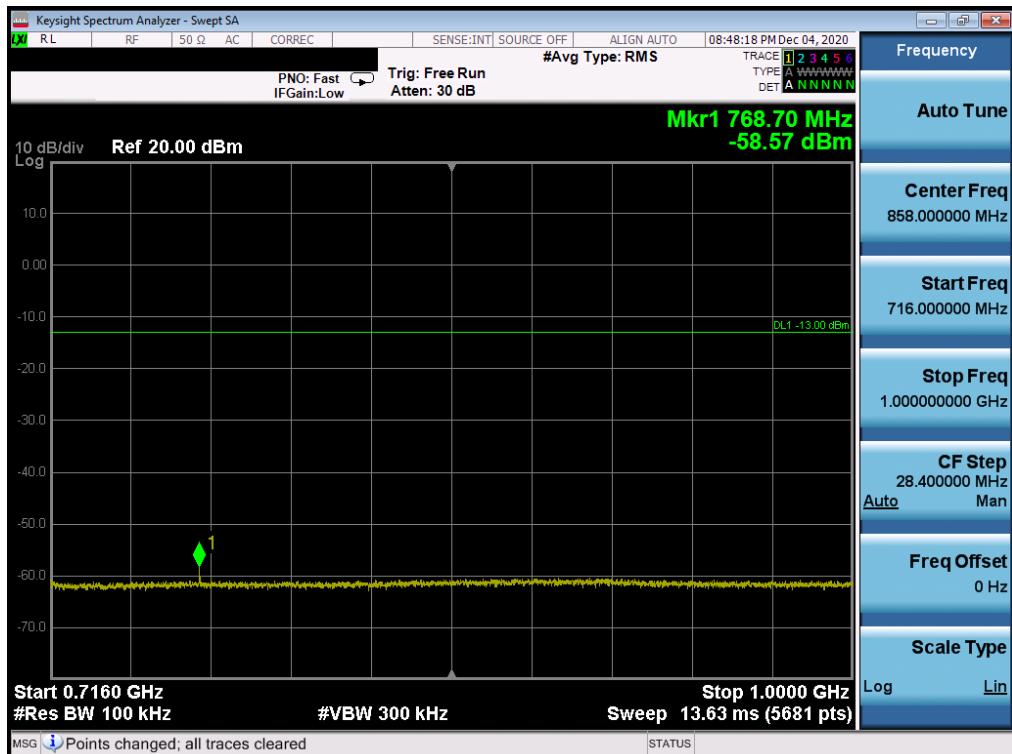
Plot 7-129. CSE (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 83 of 270

## LTE Band 12/17

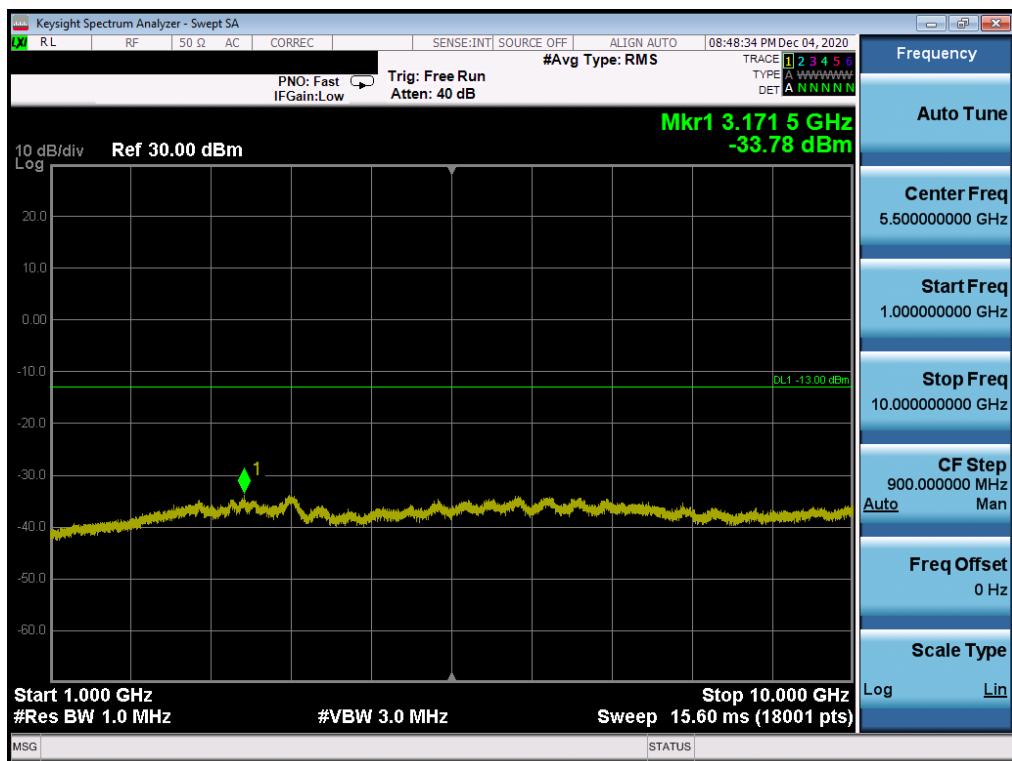


Plot 7-130. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

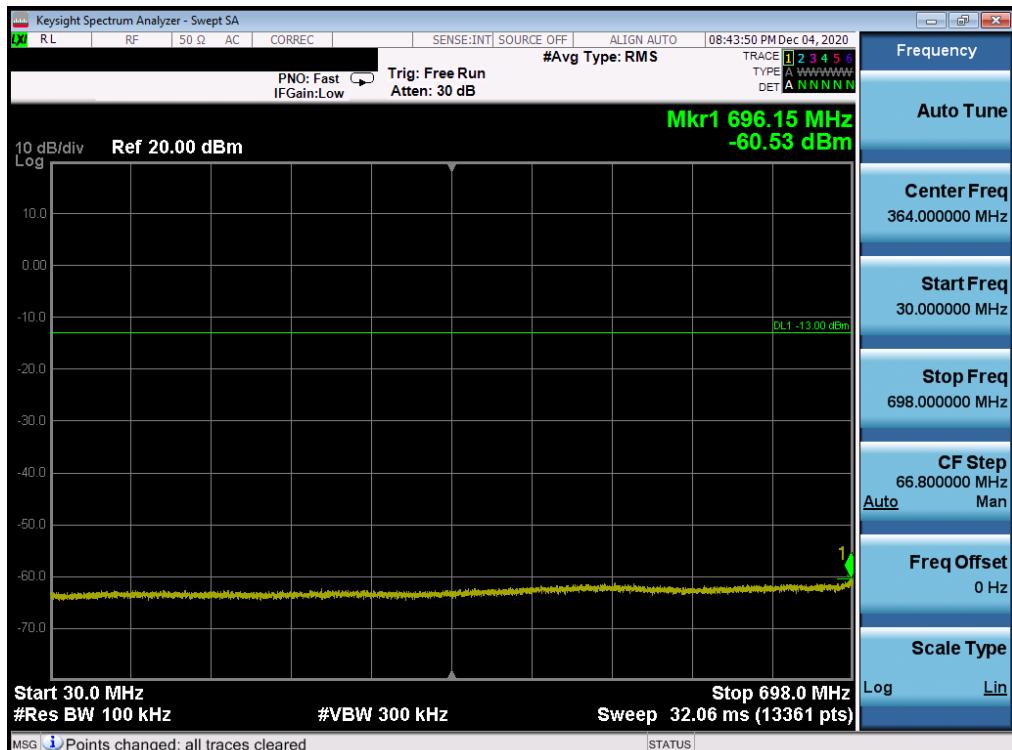


Plot 7-131. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2301	 <b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 84 of 270

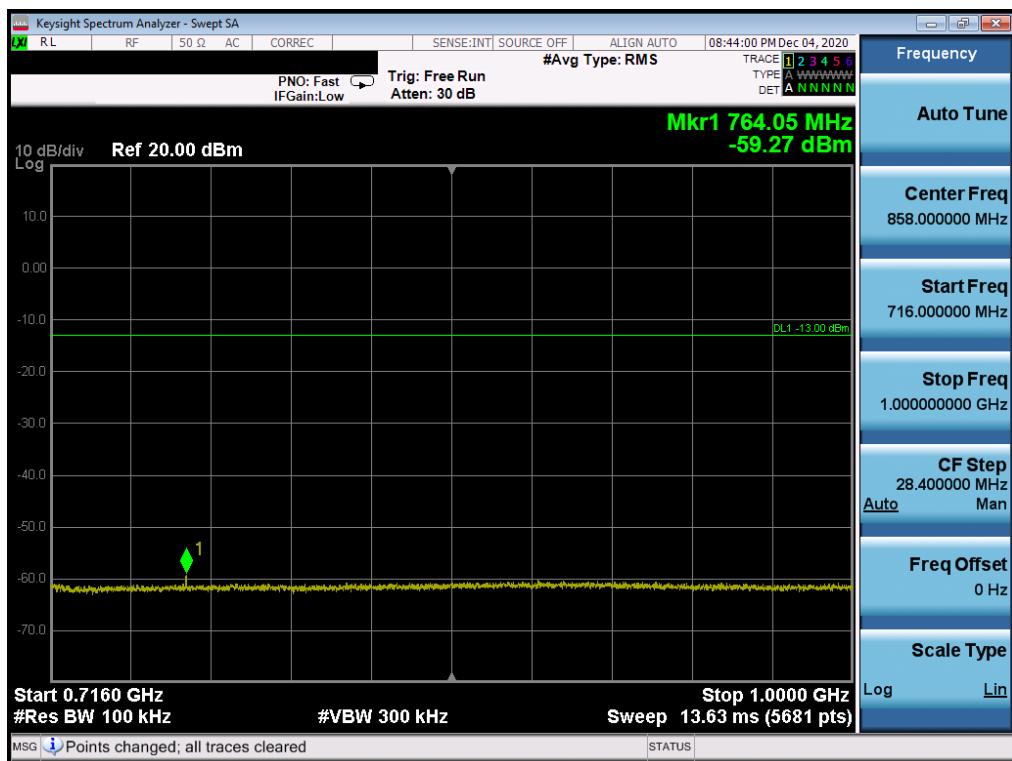


Plot 7-132. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

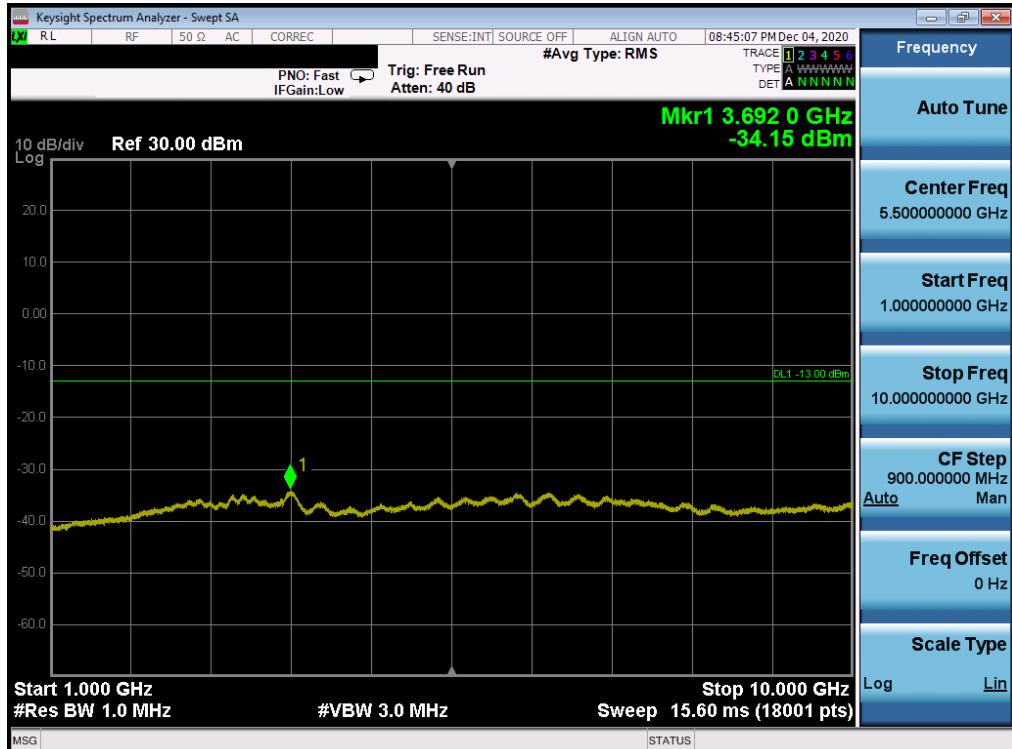


Plot 7-133. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 85 of 270

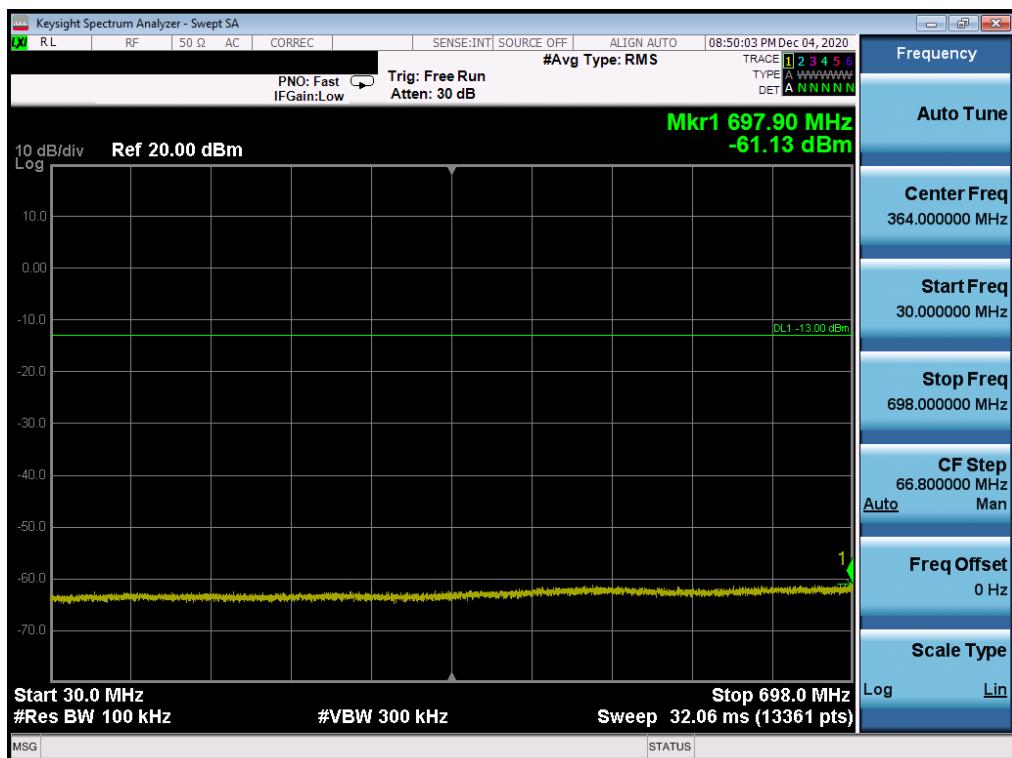


Plot 7-134. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

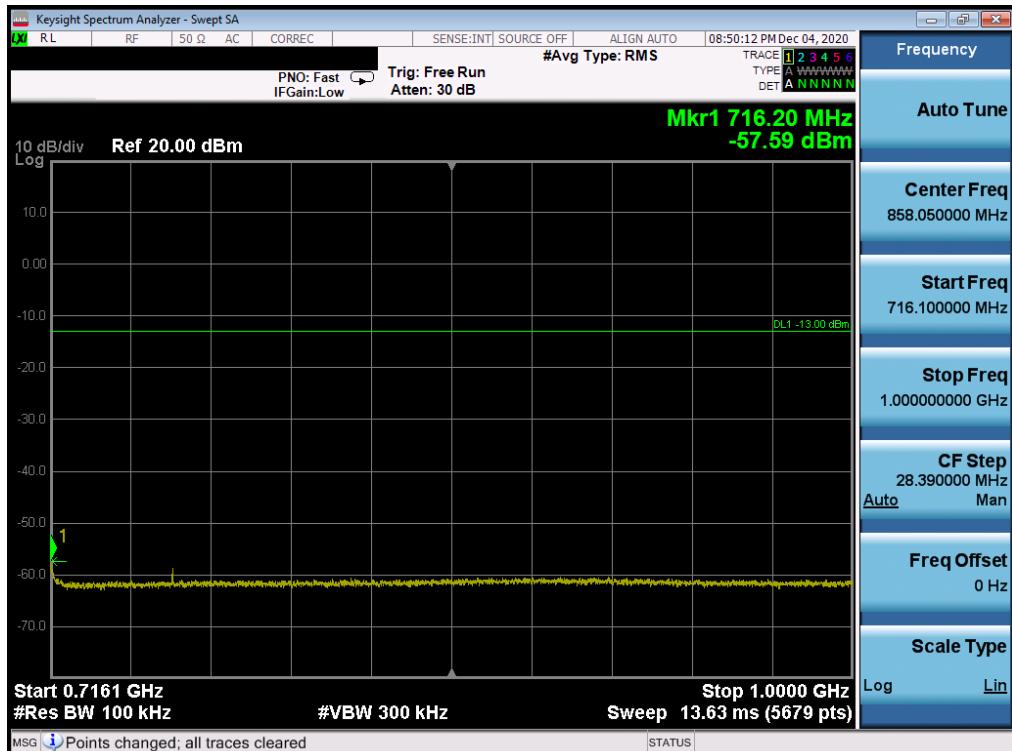


Plot 7-135. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device			

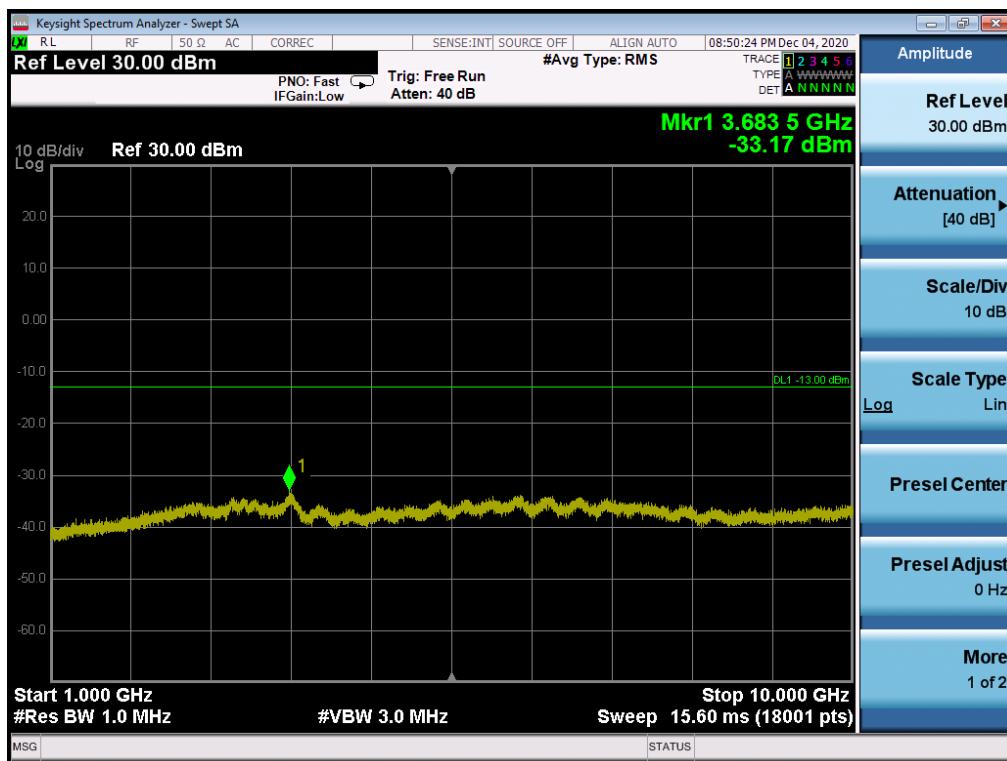


Plot 7-136. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-137. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

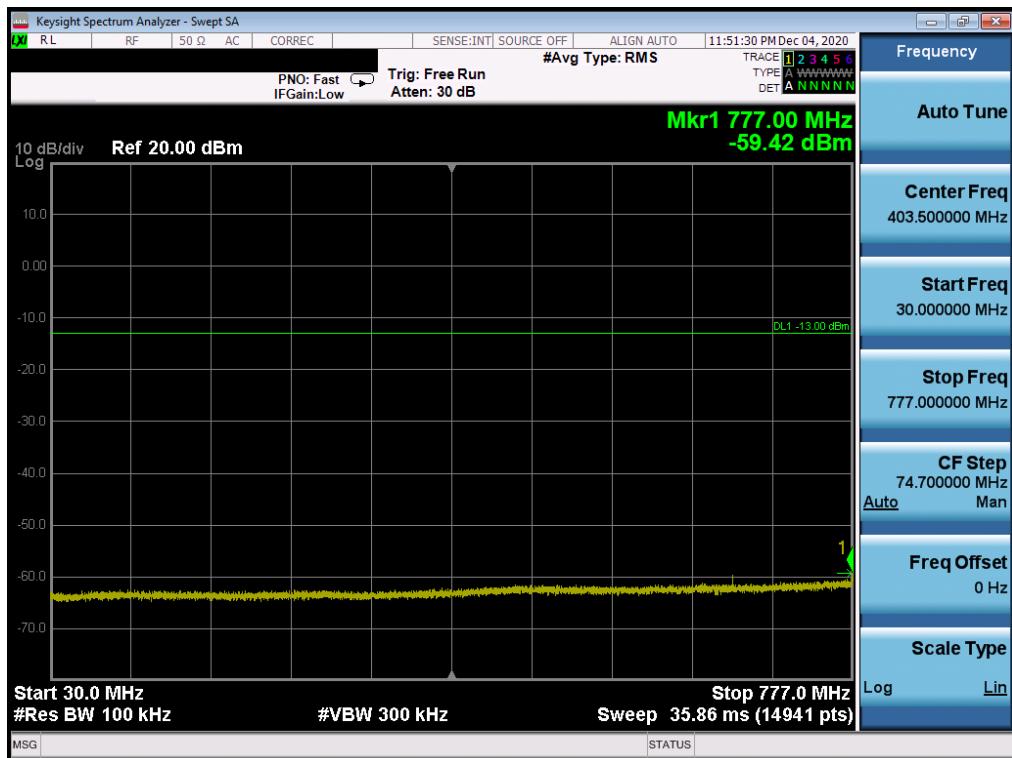
FCC ID: BCGA2301	 <b>PCTEST</b> Proud to be part of 	PART 27 MEASUREMENT REPORT	
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device	Approved by: Quality Manager Page 87 of 270



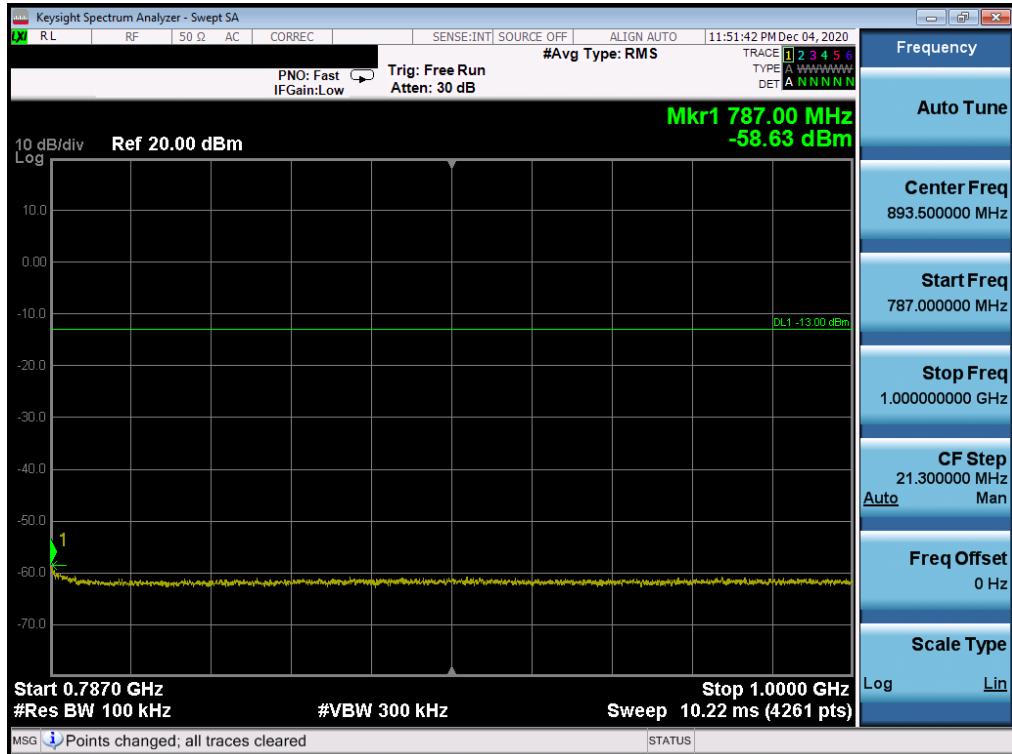
Plot 7-138. CSE (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 88 of 270

## LTE Band 13

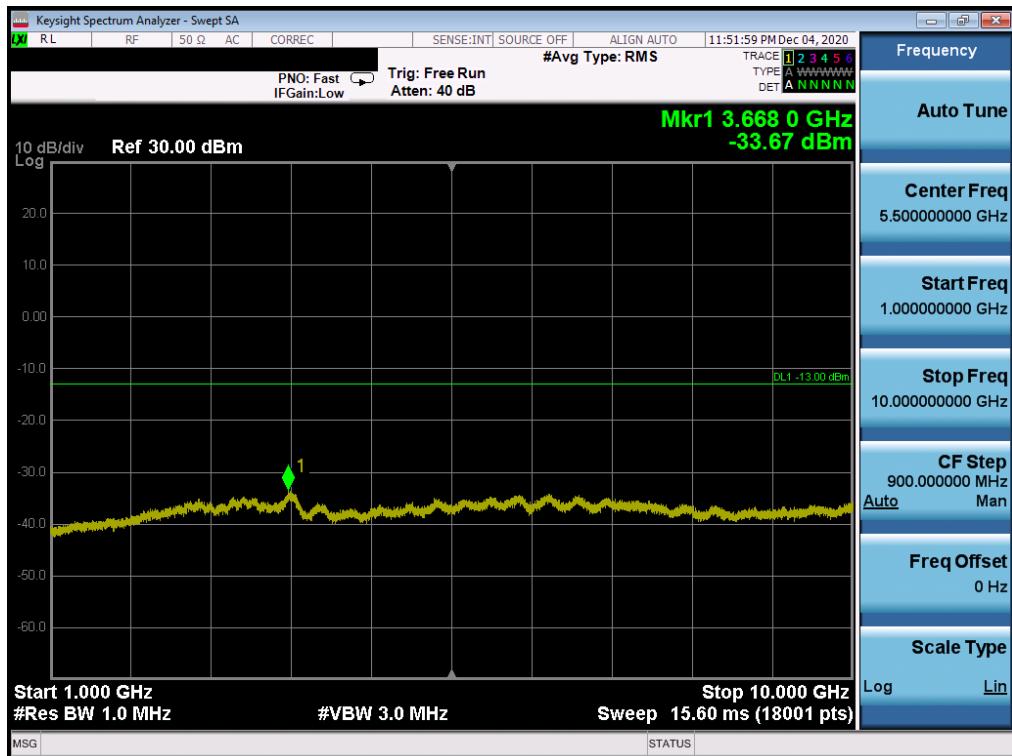


Plot 7-139. CSE (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)



Plot 7-140. CSE (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

FCC ID: BCGA2301	 <b>PCTEST</b> Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 89 of 270



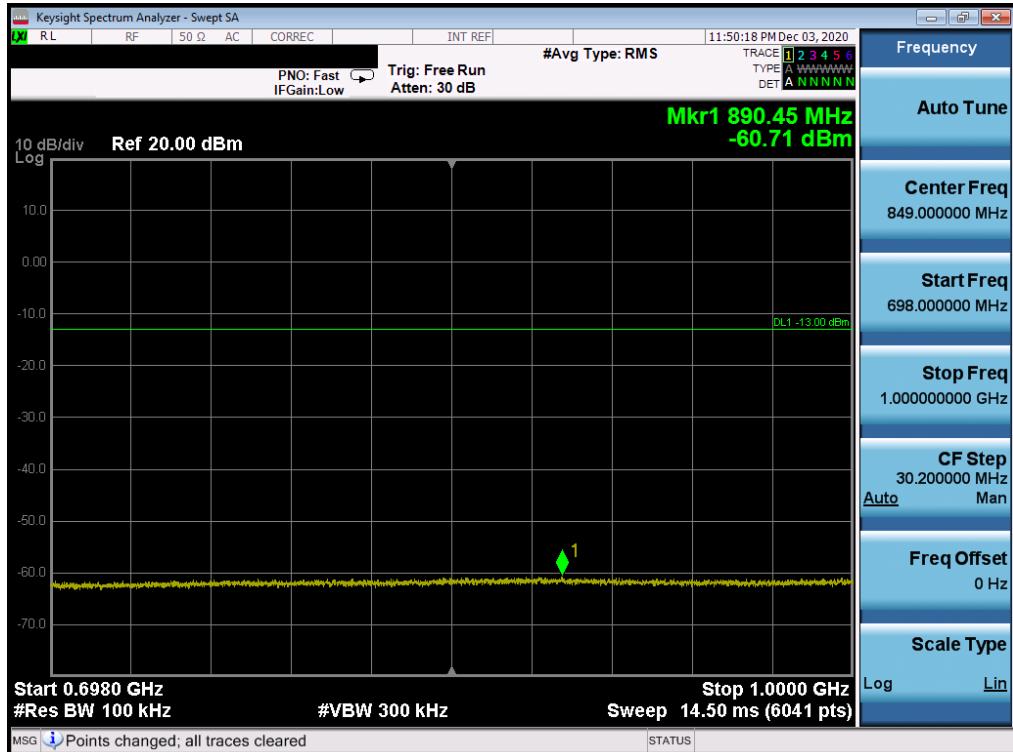
Plot 7-141. CSE (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 90 of 270

## LTE Band 71

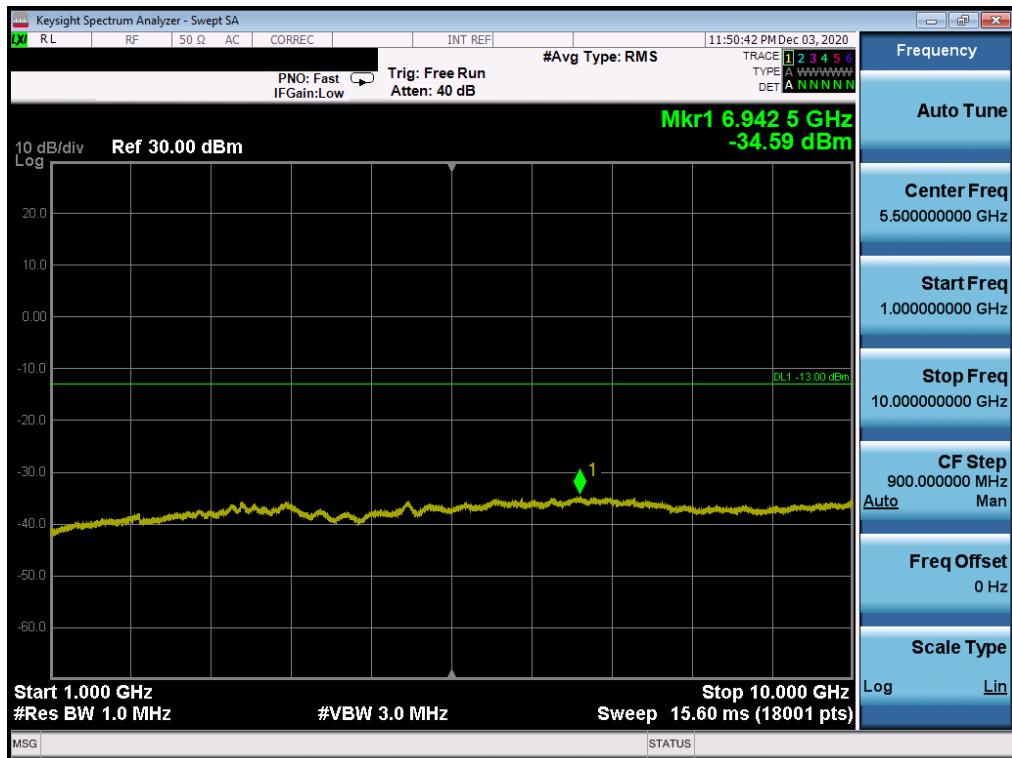


Plot 7-142. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

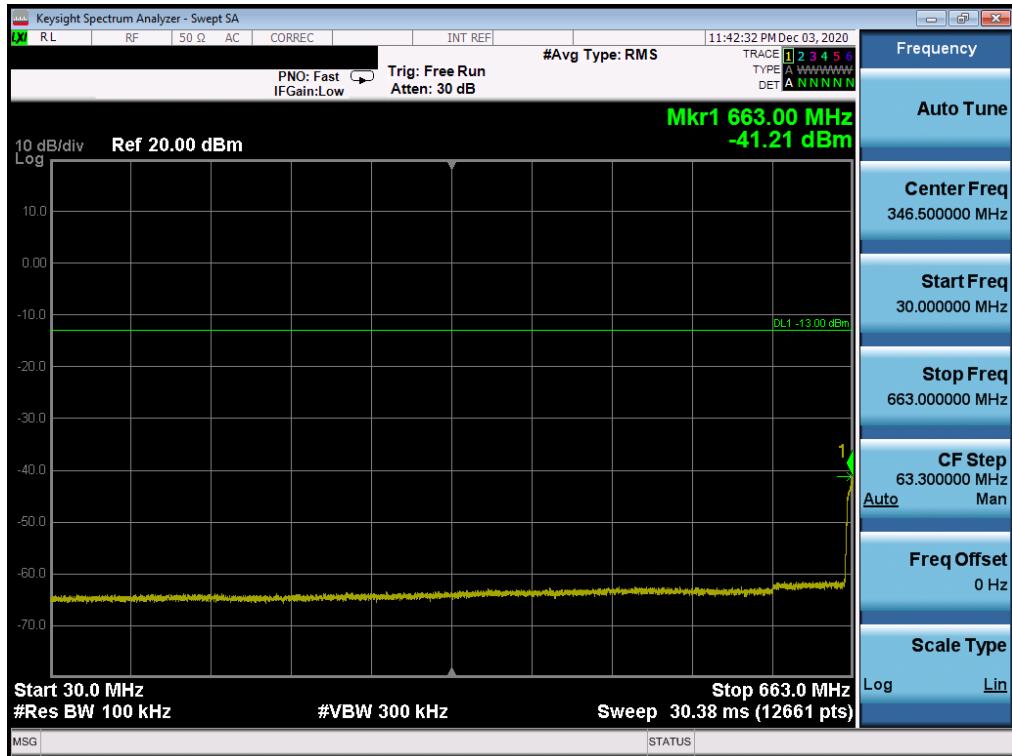


Plot 7-143. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2301	 <b>PCTEST</b> Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 91 of 270

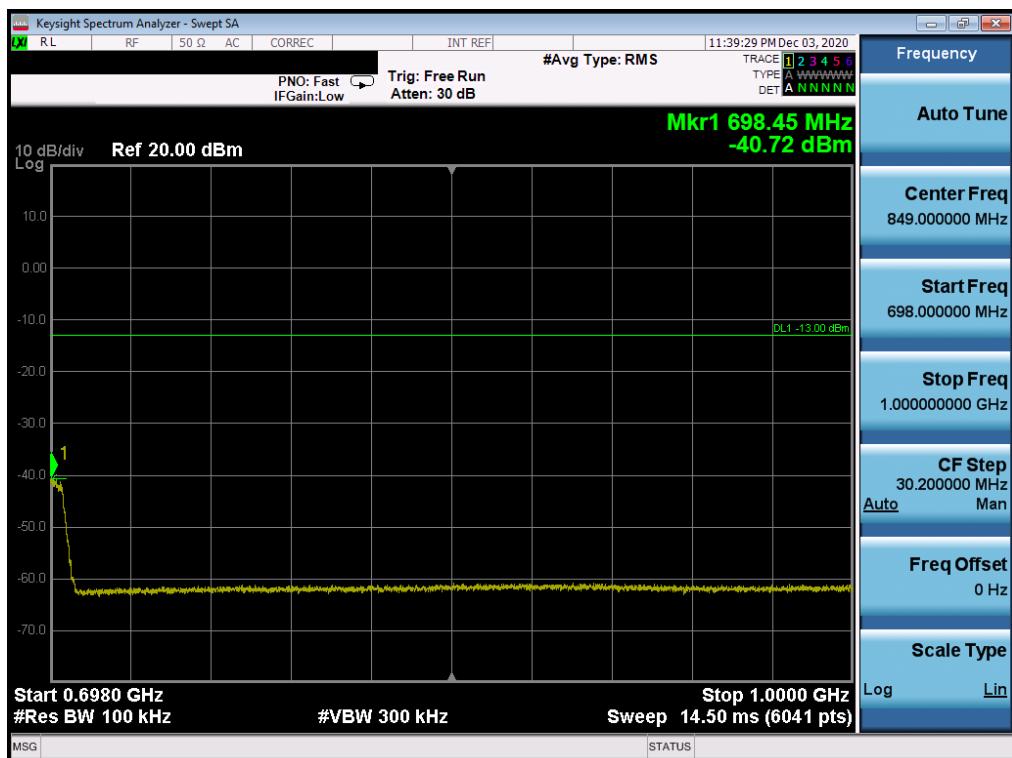


Plot 7-144. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

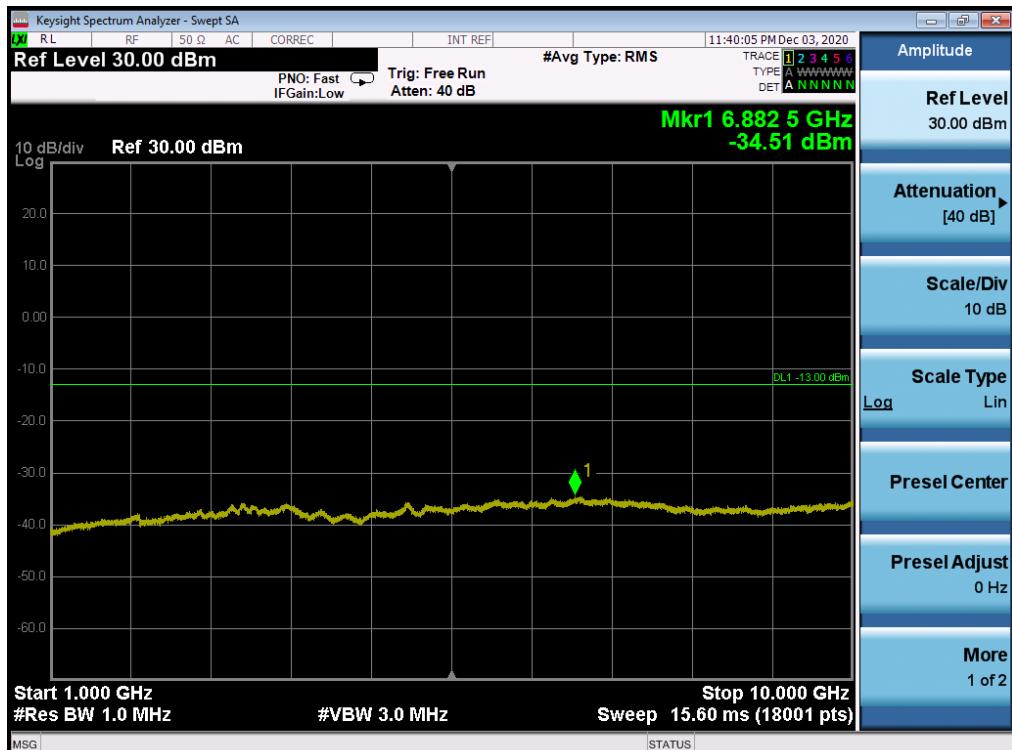


Plot 7-145. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device			Page 92 of 270

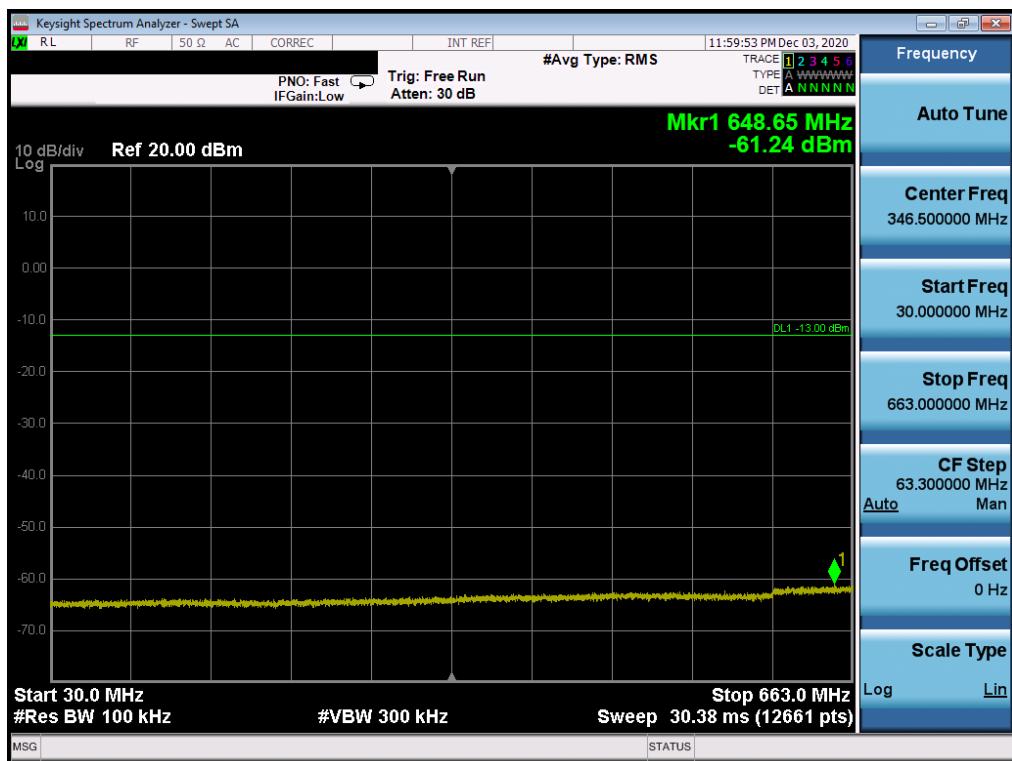


Plot 7-146. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

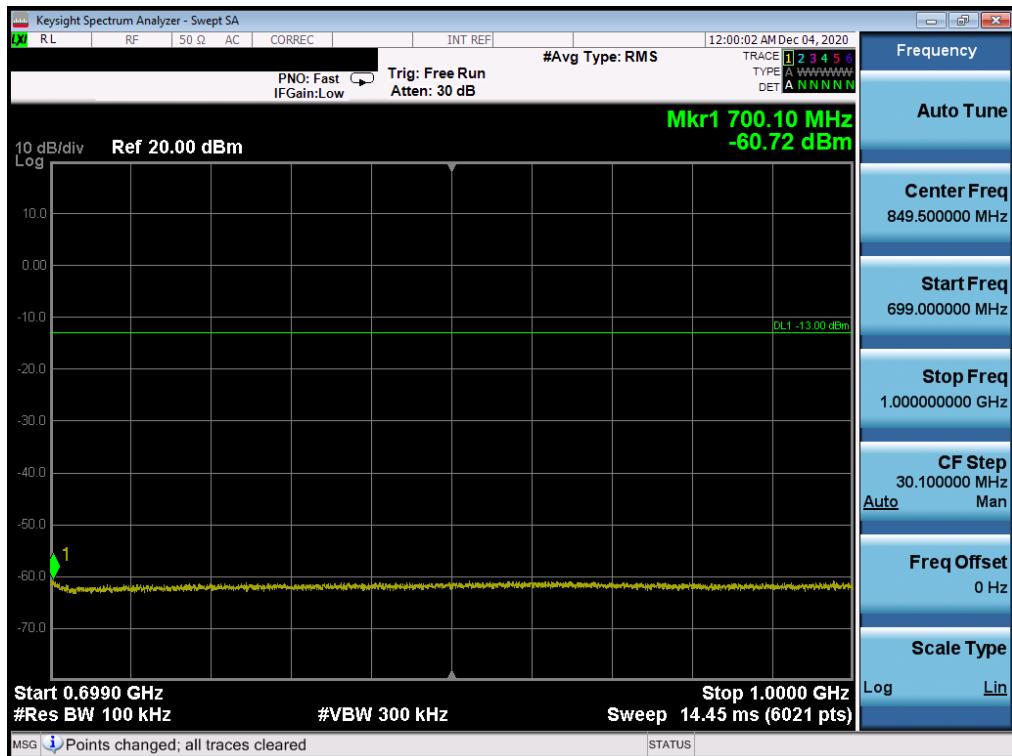


Plot 7-147. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device			

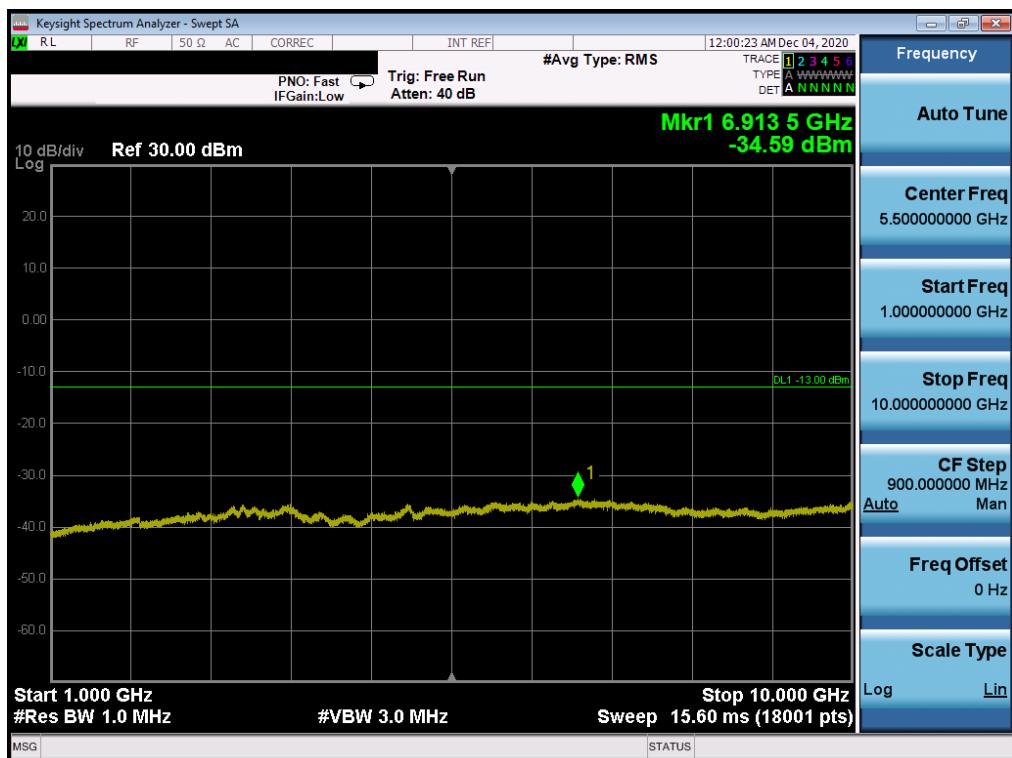


Plot 7-148. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-149. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

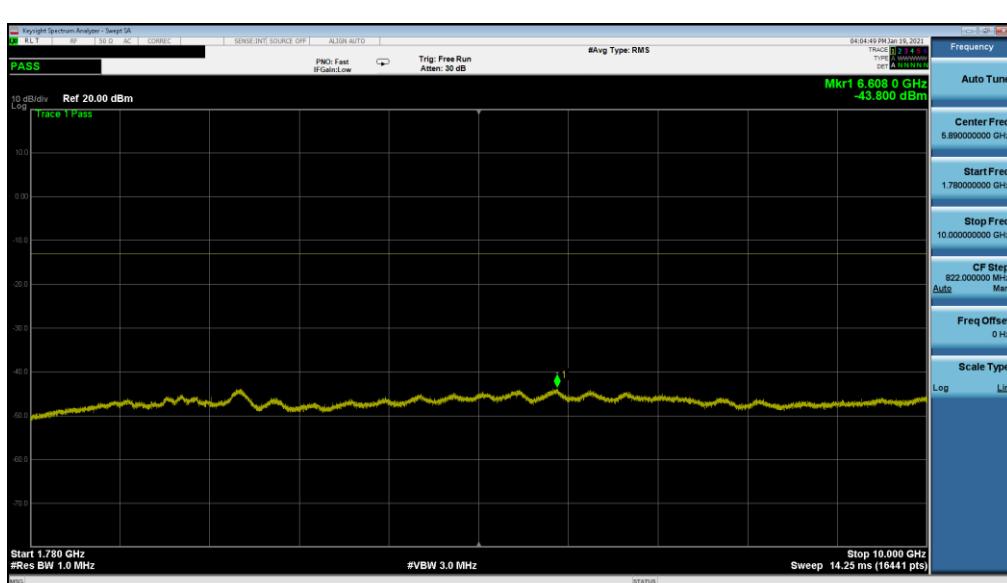
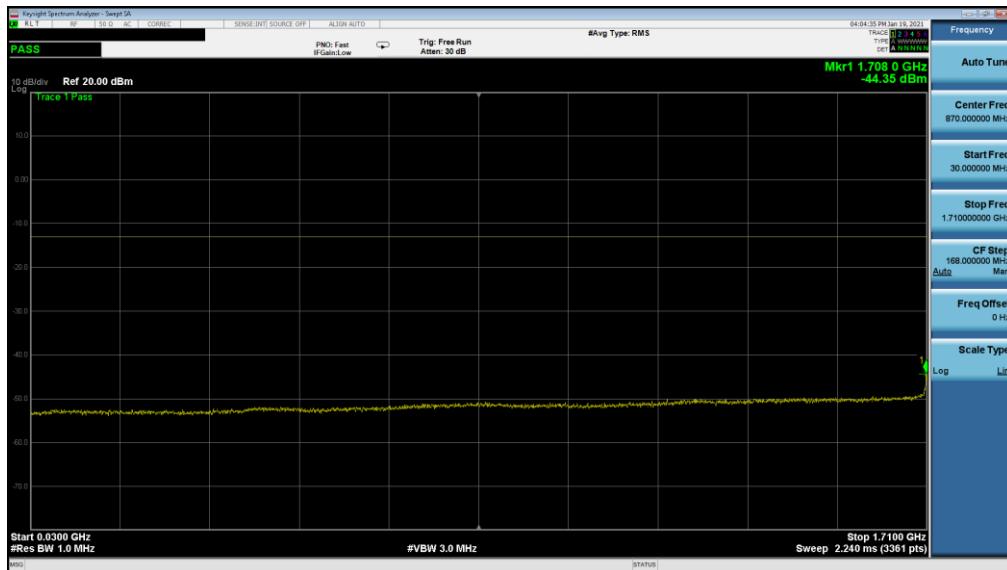
FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 94 of 270



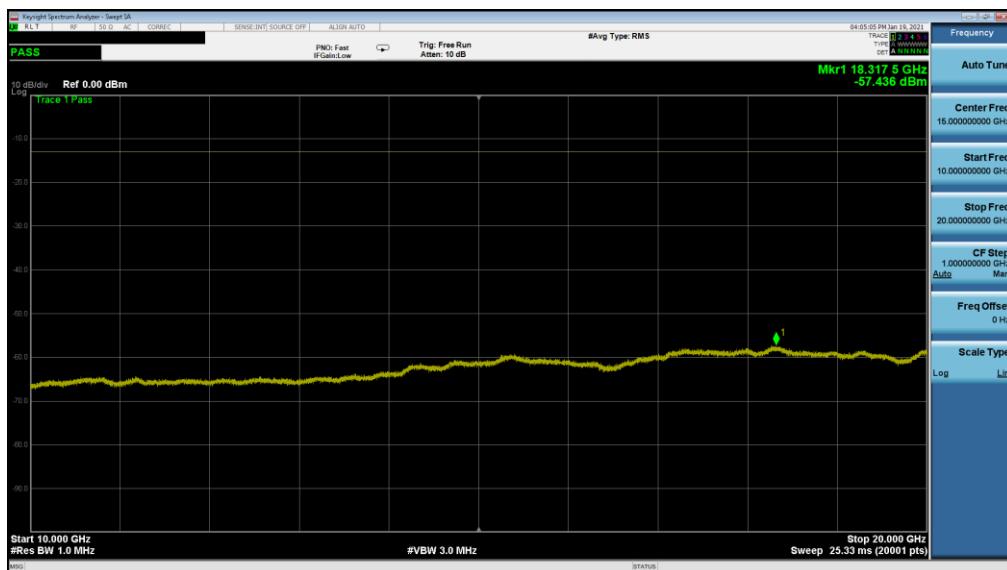
Plot 7-150. CSE (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 95 of 270

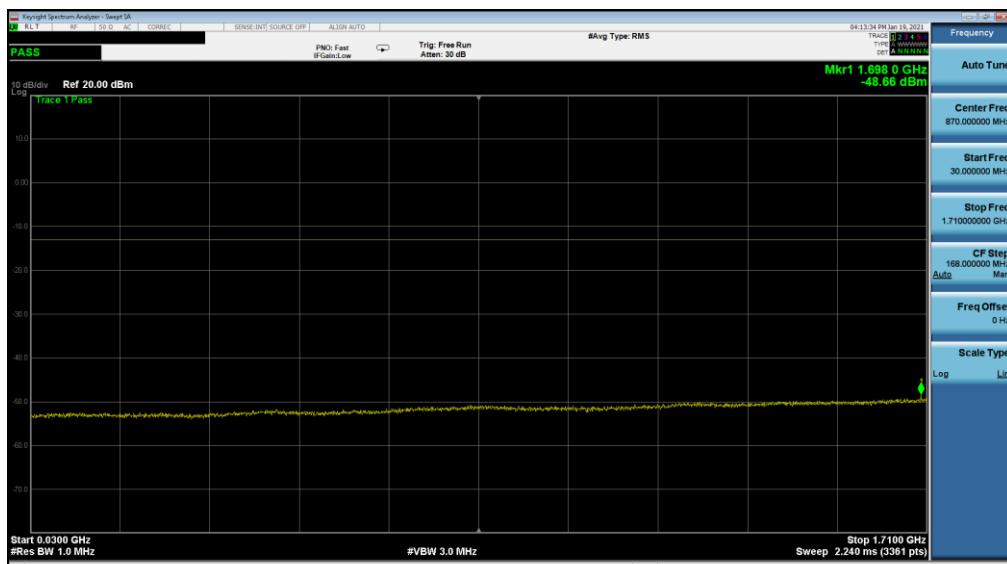
## NR Band n66



FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 96 of 270

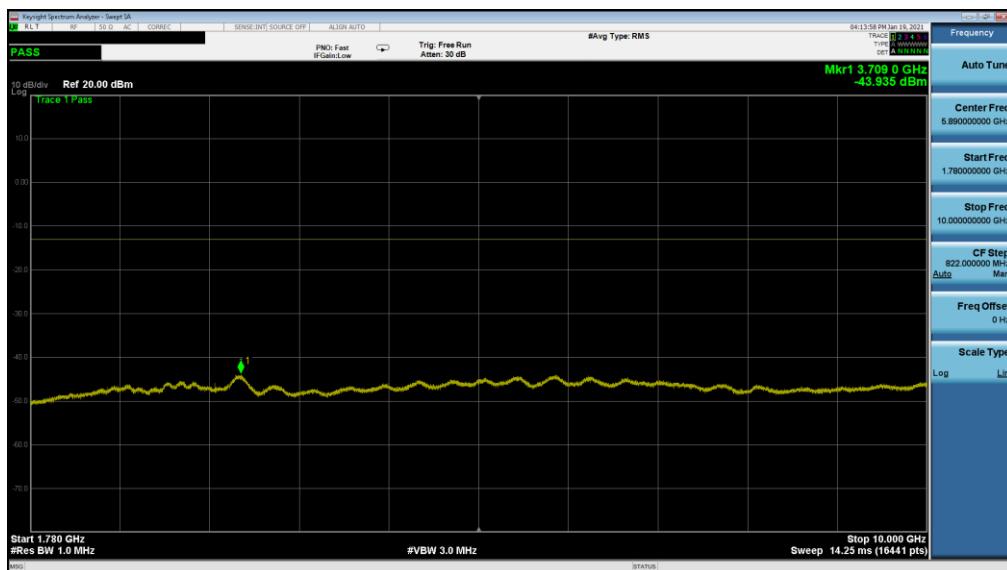


Plot 7-153. CSE (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Low Channel)

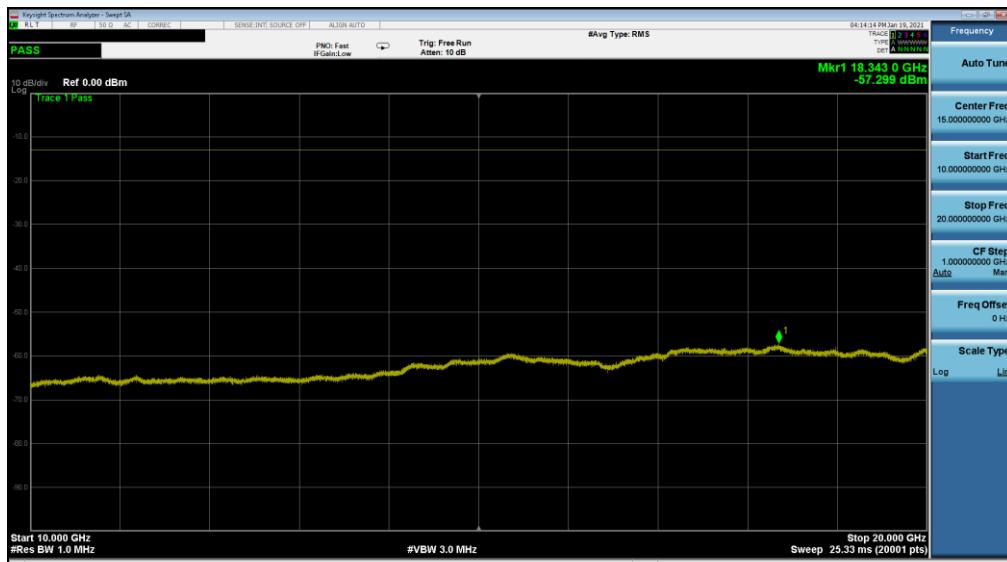


Plot 7-154. CSE (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device	Page 97 of 270

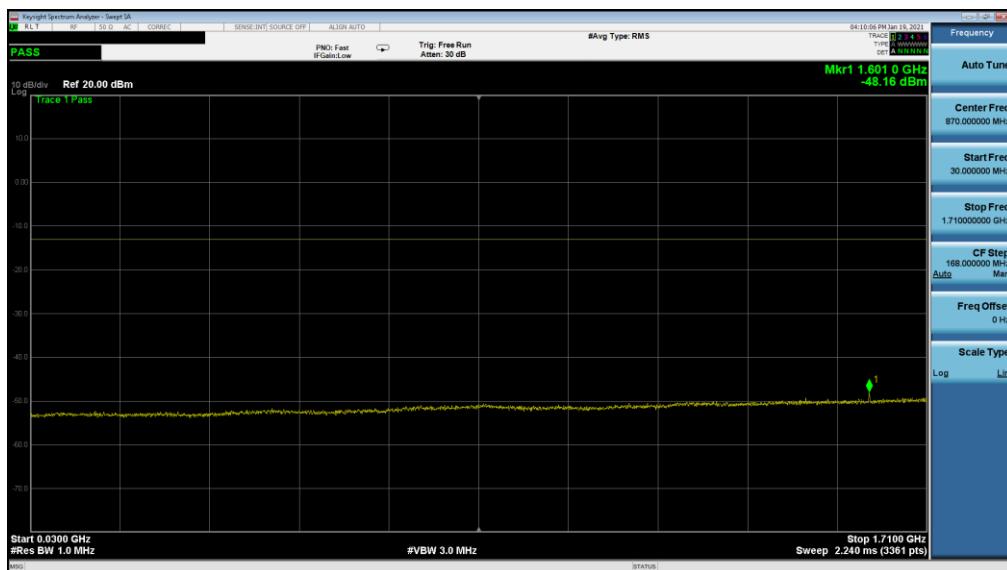


Plot 7-155. CSE (NR Band n66 - 20.0MHz DFT-s OFDM π/2 BPSK - RB Size 1, RB Offset 0 - Mid Channel)

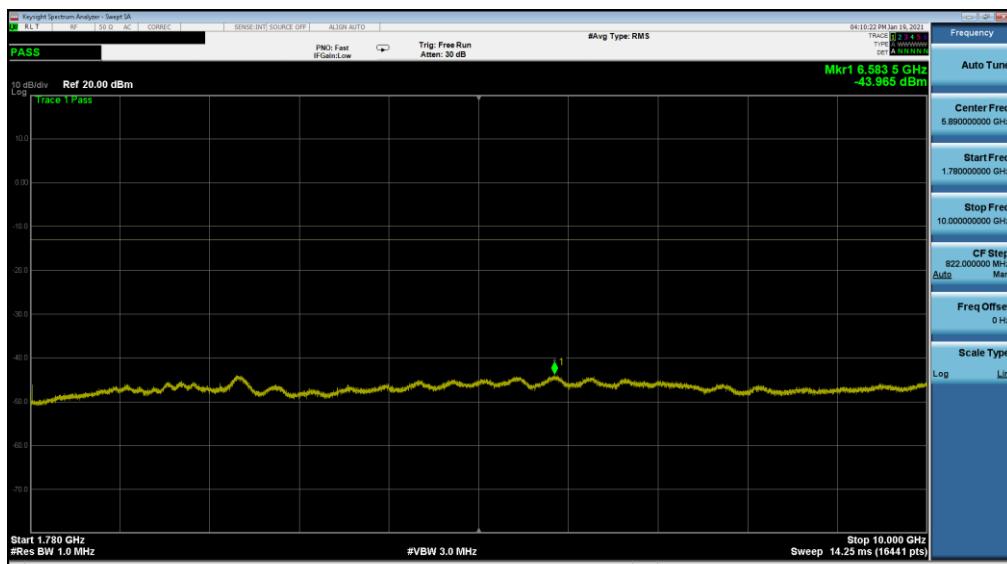


Plot 7-156. CSE (NR Band n66 - 20.0MHz DFT-s OFDM π/2 BPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 		<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 98 of 270

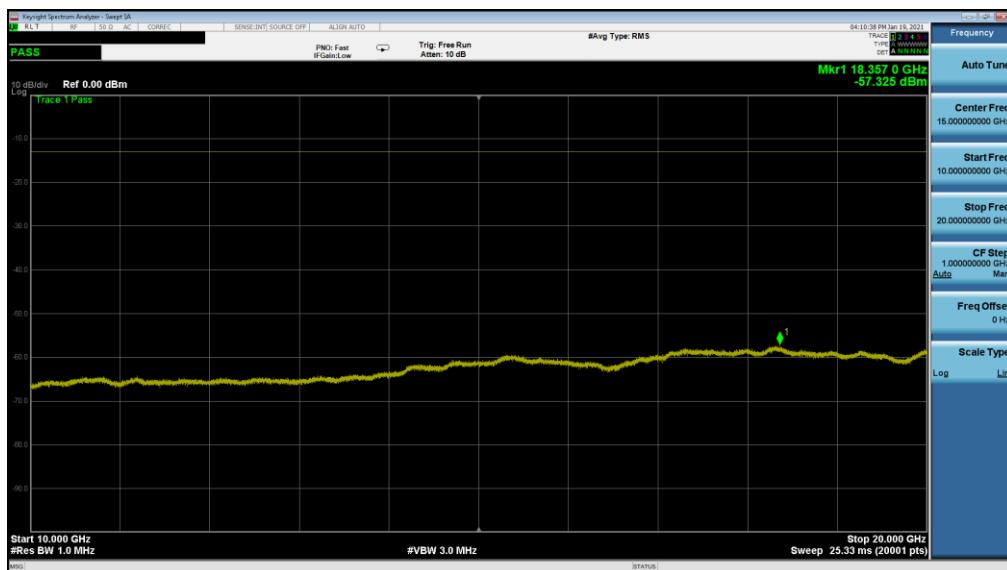


Plot 7-157. CSE (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-158. CSE (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - High Channel)

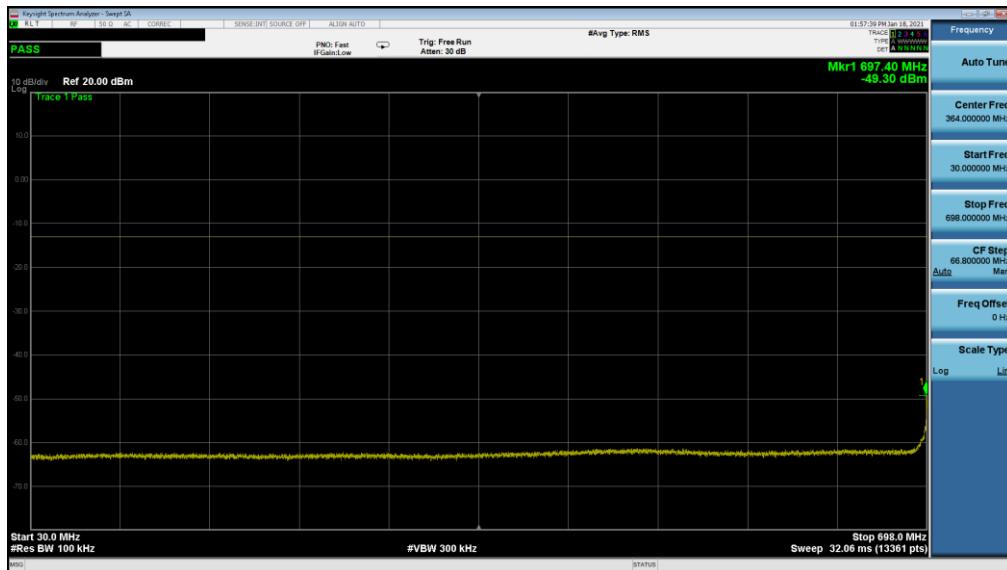
FCC ID: BCGA2301	 <b>PCTEST</b> <small>Proud to be part of element</small>		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 99 of 270



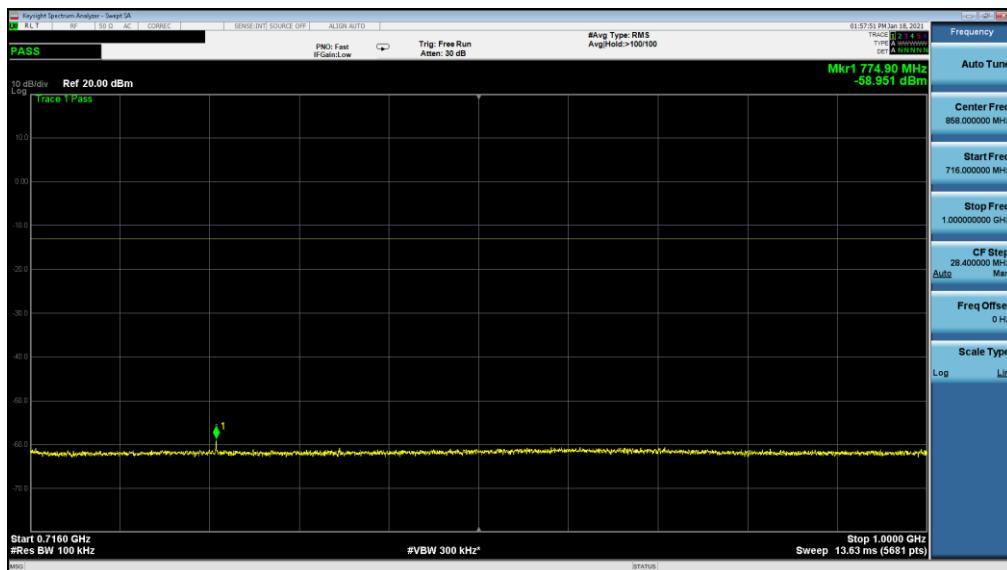
Plot 7-159. CSE (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device				Page 100 of 270

## NR Band n12

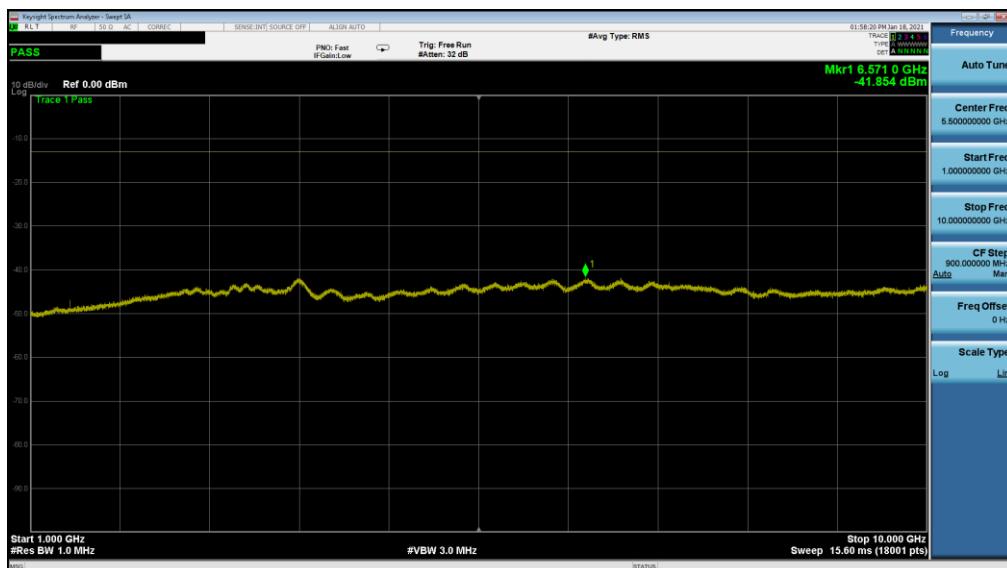


Plot 7-160. CSE (NR Band n12 -15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Low Channel)

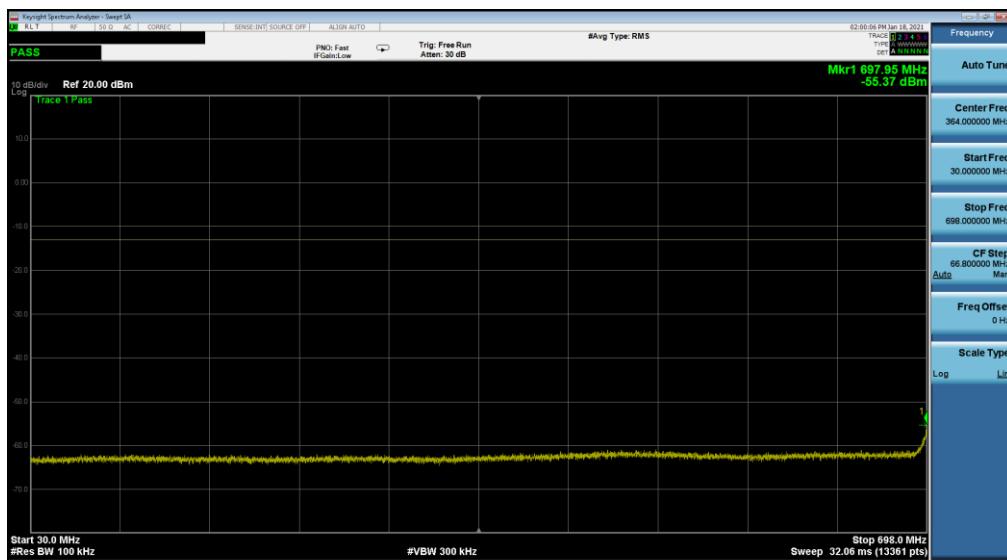


Plot 7-161. CSE (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 101 of 270

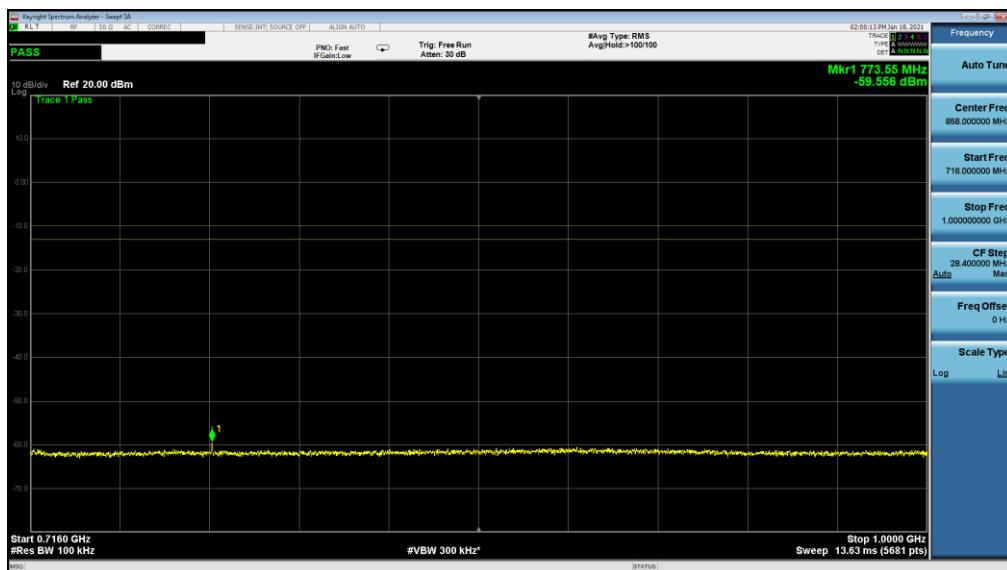


Plot 7-162. CSE (NR Band n12 - 15.0MHz DFT-s OFDM π/2 BPSK - RB Size 1, RB Offset 0 - Low Channel)

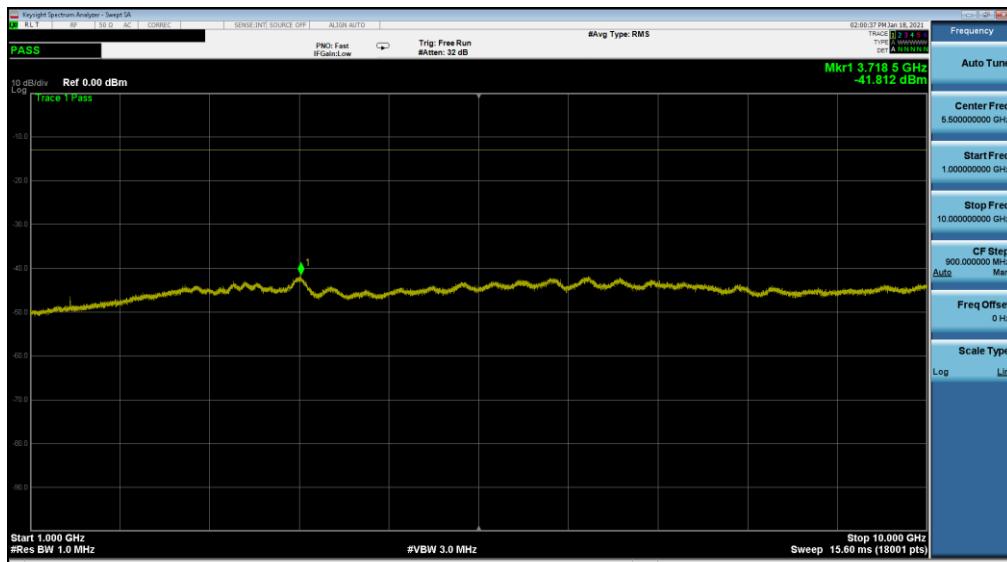


Plot 7-163. CSE (NR Band n12 - 15.0MHz DFT-s OFDM π/2 BPSK - RB Size 1, RB Offset 0 - Mid Channel)

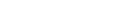
FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device			Page 102 of 270

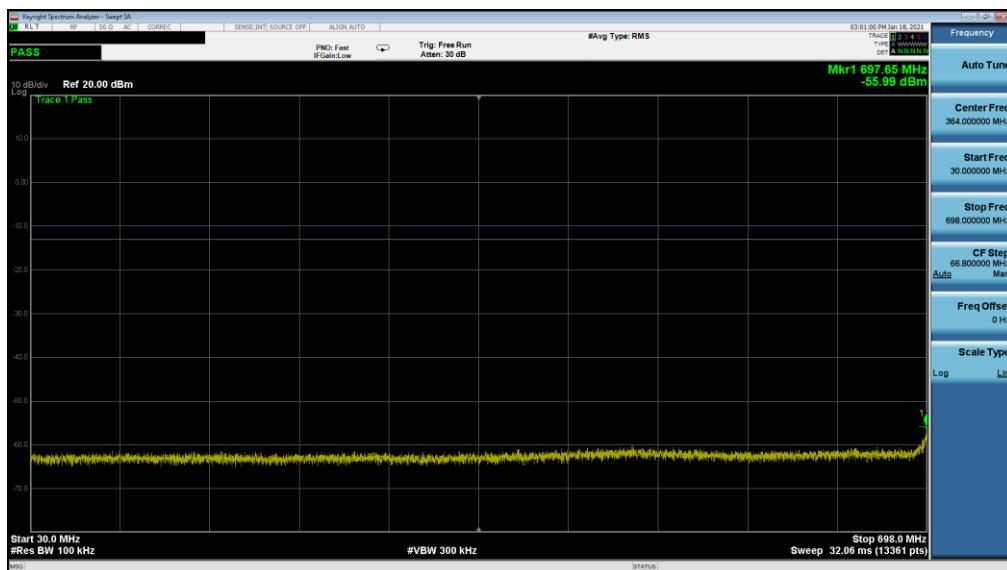


Plot 7-164. CSE (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Mid Channel)

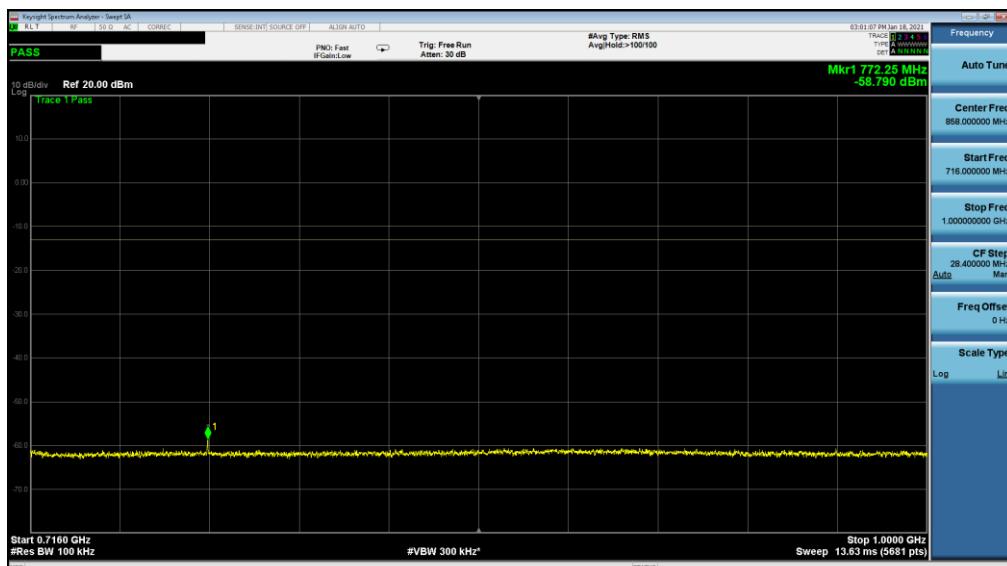


Plot 7-165. CSE (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	 <b>PCTEST</b> <small>Proud to be part of element</small>	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
<b>Test Report S/N:</b> 1C2101020002-04-R1.BCG	<b>Test Dates:</b> 12/23/2020 - 03/05/2021	<b>EUT Type:</b> Tablet Device		Page 103 of 270

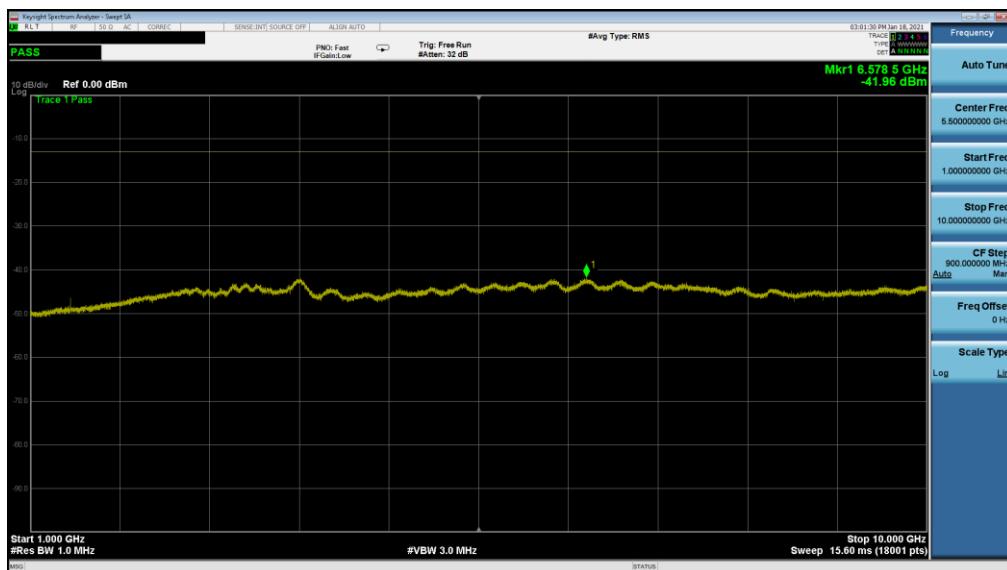


Plot 7-166. CSE (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-167. CSE (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - High Channel)

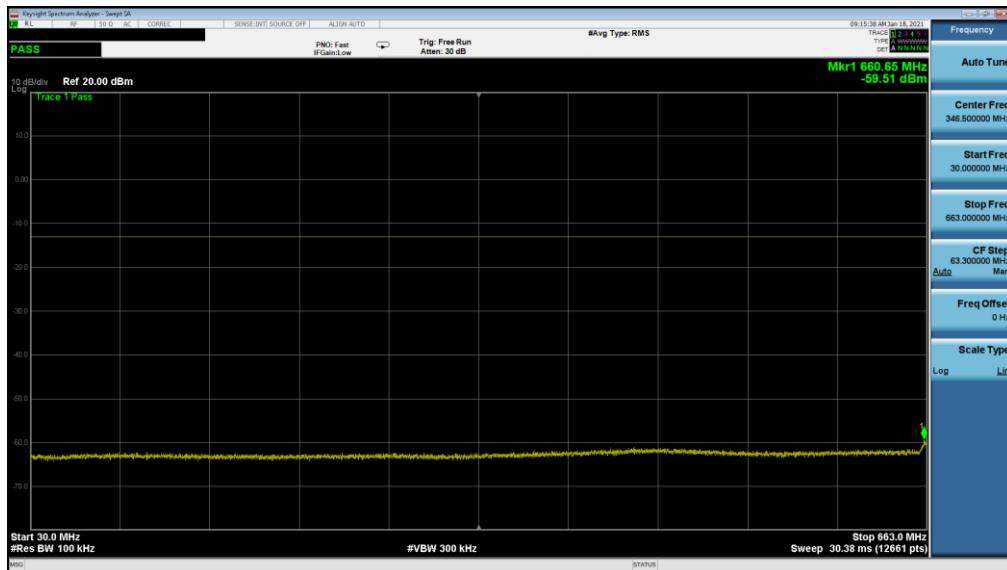
FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device			Page 104 of 270



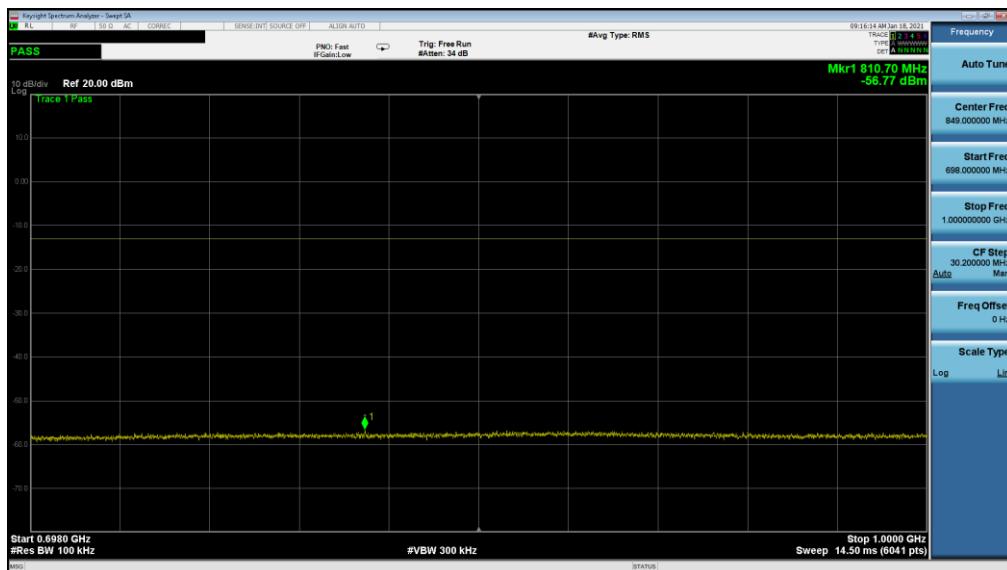
Plot 7-168. CSE (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device				Page 105 of 270

## NR Band n71

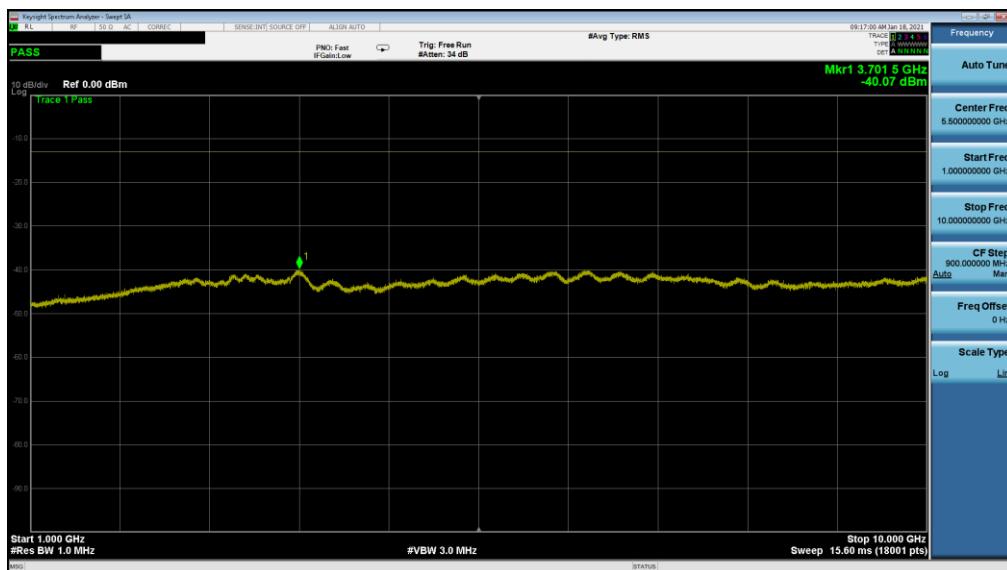


Plot 7-169. CSE (NR Band n71 -20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Low Channel)

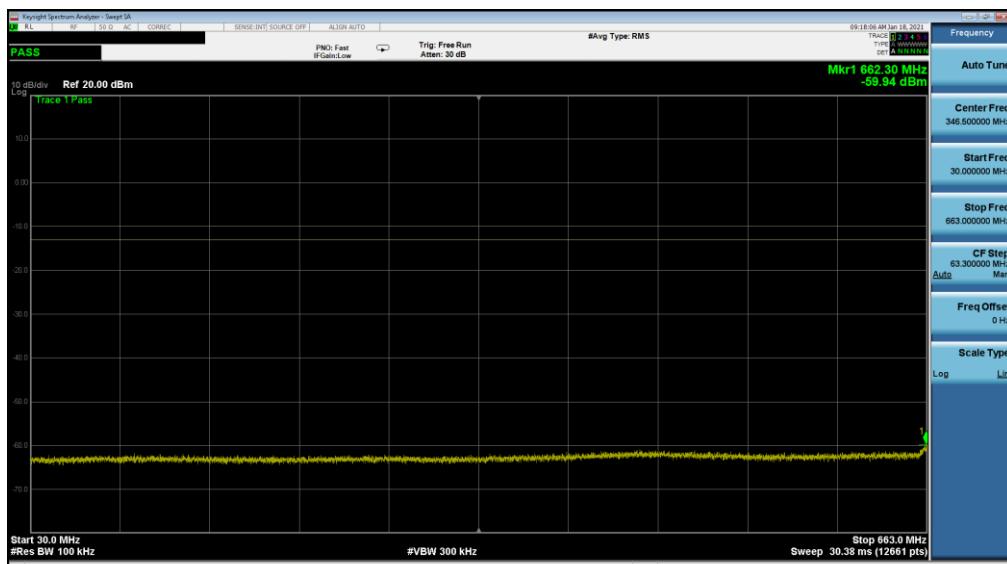


Plot 7-170. CSE (NR Band n71 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2301	 <b>PART 27 MEASUREMENT REPORT</b>			Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device		Page 106 of 270



Plot 7-171. CSE (NR Band n71 - 20.0MHz DFT-s OFDM π/2 BPSK - RB Size 1, RB Offset 0 - Low Channel)



Plot 7-172. CSE (NR Band n71 - 20.0MHz DFT-s OFDM π/2 BPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2301	<b>PCTEST</b> Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020002-04-R1.BCG	Test Dates: 12/23/2020 - 03/05/2021	EUT Type: Tablet Device			Page 107 of 270