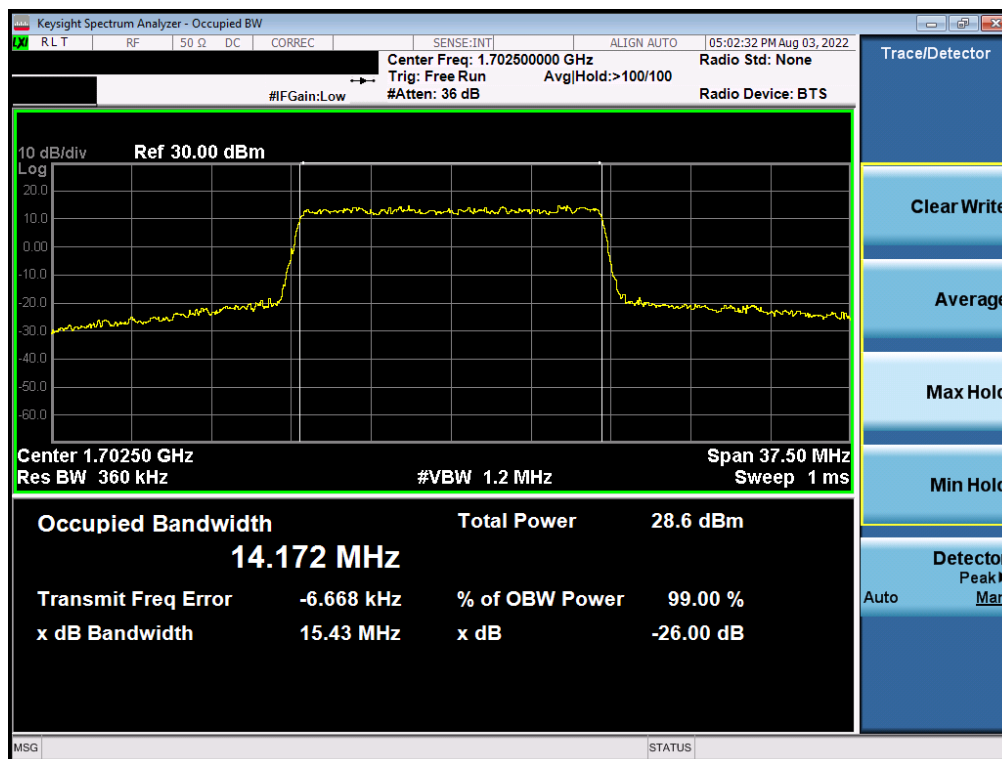


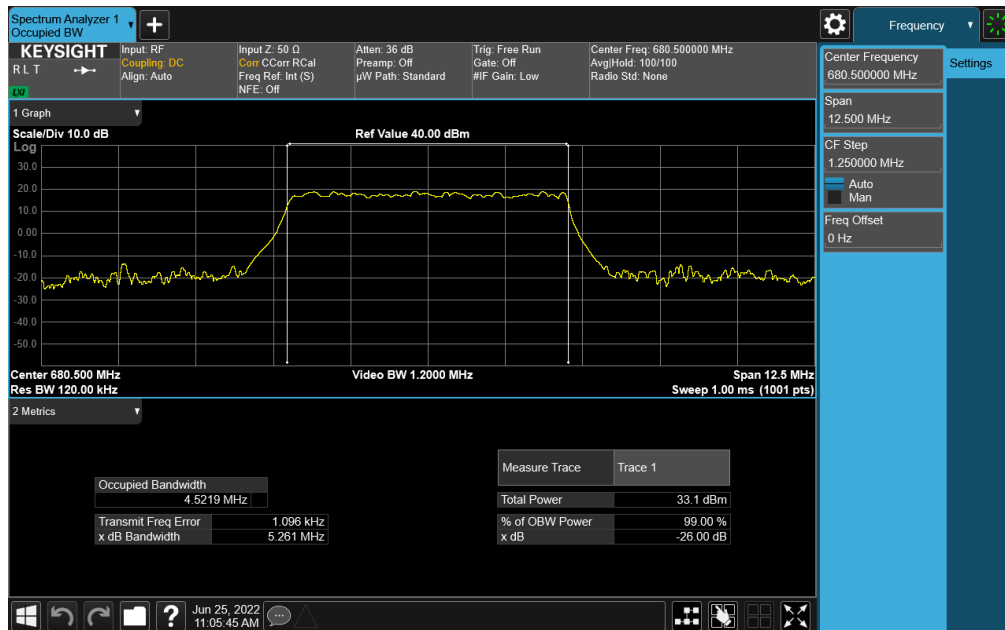


Plot 7-109. Occupied Bandwidth Plot (NR Band n70 - 15.0MHz CP-OFDM 256QAM - Full RB)

|                                         |                                                                                     |                            |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device | Page 72 of 334                    |

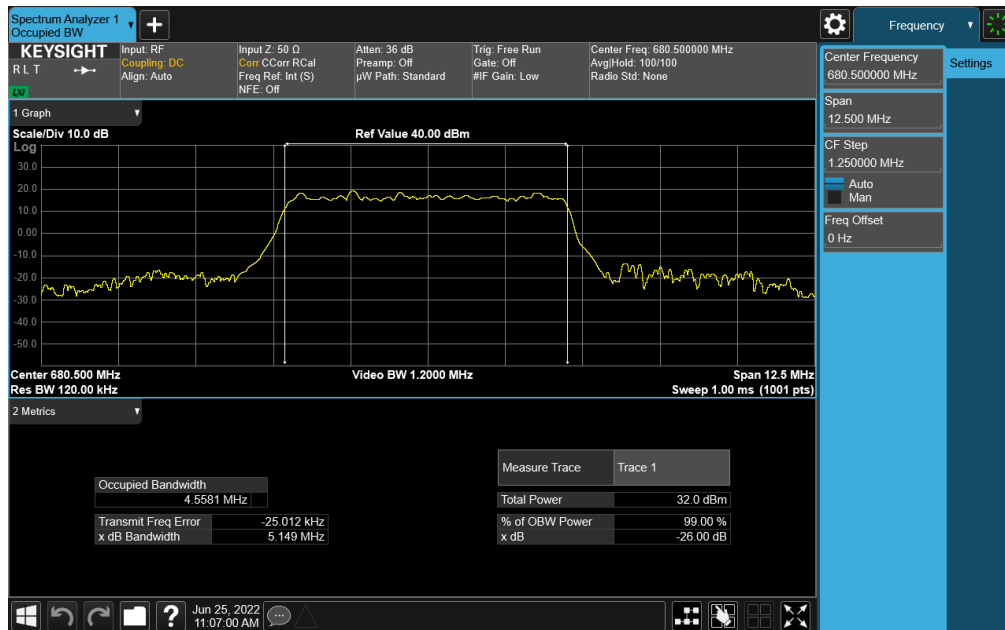


Plot 7-110. Occupied Bandwidth Plot (NR Band n71 - 5MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

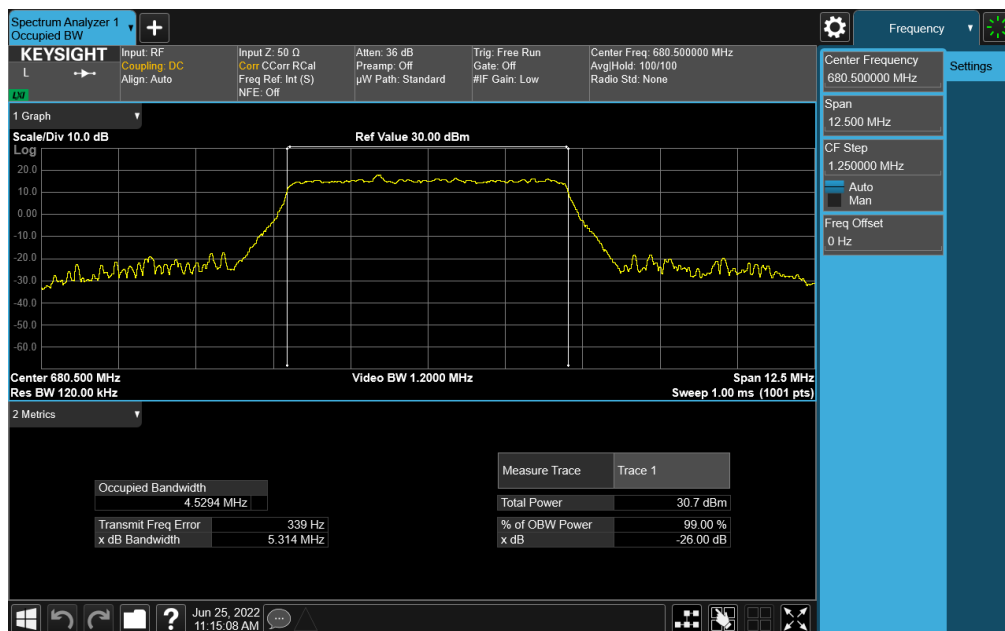


Plot 7-111. Occupied Bandwidth Plot (NR Band n71 - 5MHz CP-OFDM QPSK - Full RB)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 73 of 334                    |

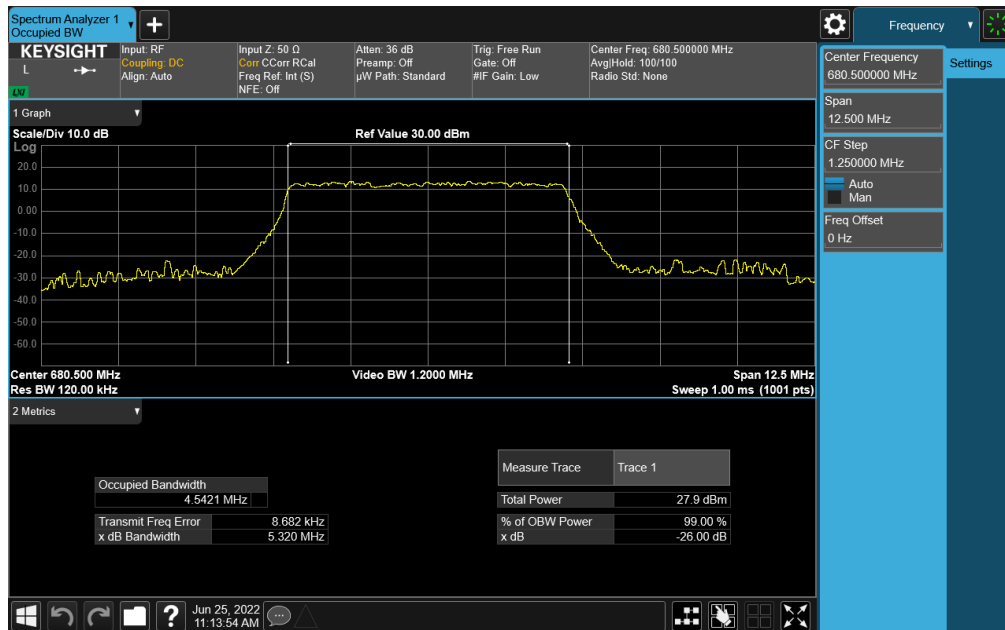


Plot 7-112. Occupied Bandwidth Plot (NR Band n71 - 5MHz CP-OFDM 16-QAM - Full RB)

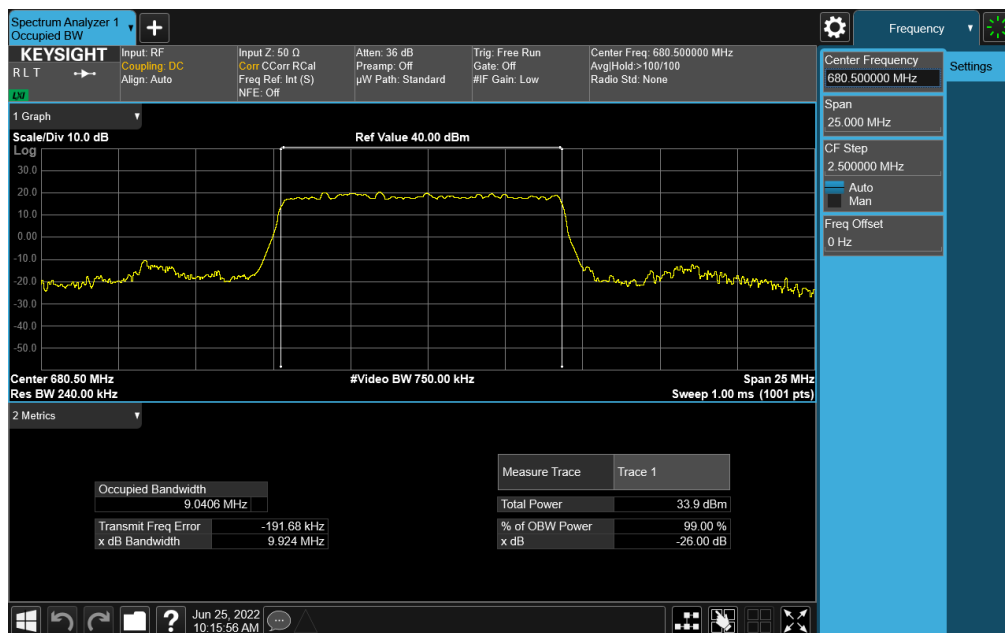


Plot 7-113. Occupied Bandwidth Plot (NR Band n71 - 5MHz CP-OFDM 64-QAM - Full RB)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 74 of 334                    |

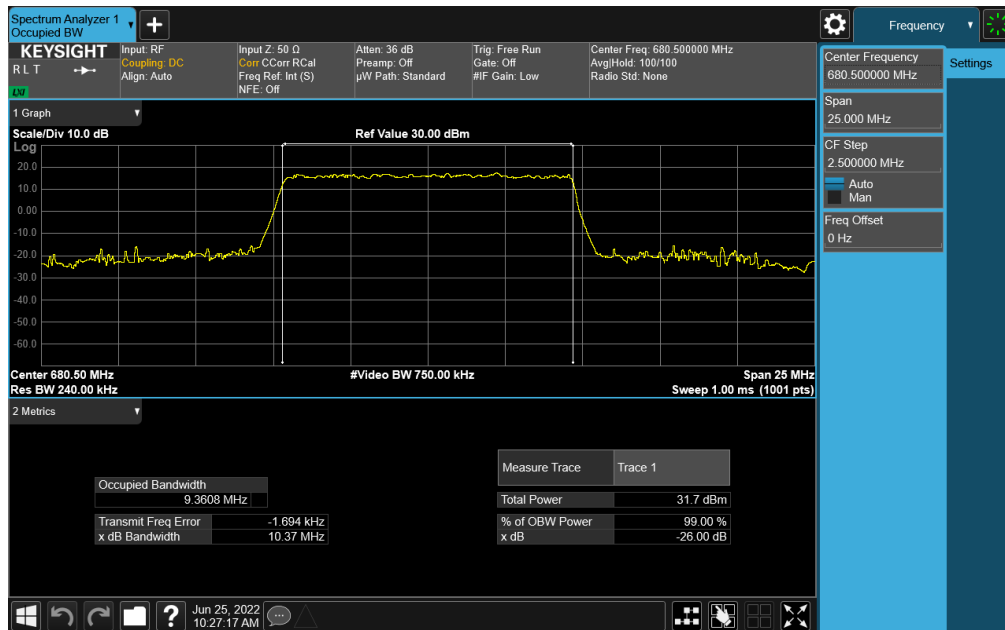


Plot 7-114. Occupied Bandwidth Plot (NR Band n71 - 5MHz CP-OFDM 256-QAM - Full RB)



Plot 7-115. Occupied Bandwidth Plot (NR Band n71 - 10MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | PART 27 MEASUREMENT REPORT           |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 75 of 334                    |

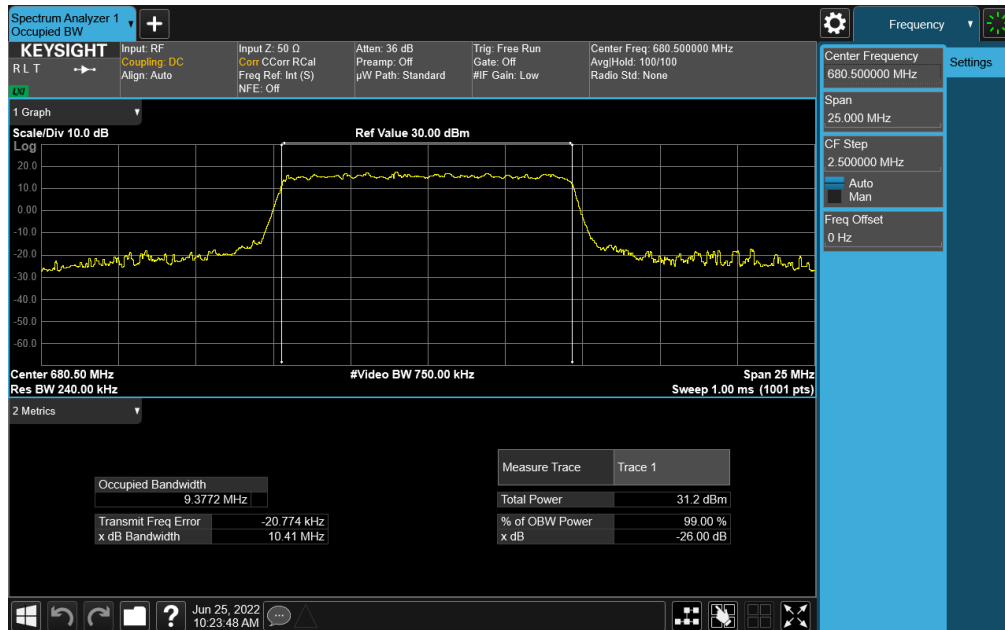


**Plot 7-116. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM QPSK - Full RB)**



**Plot 7-117. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM 16-QAM - Full RB)**

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 76 of 334                    |

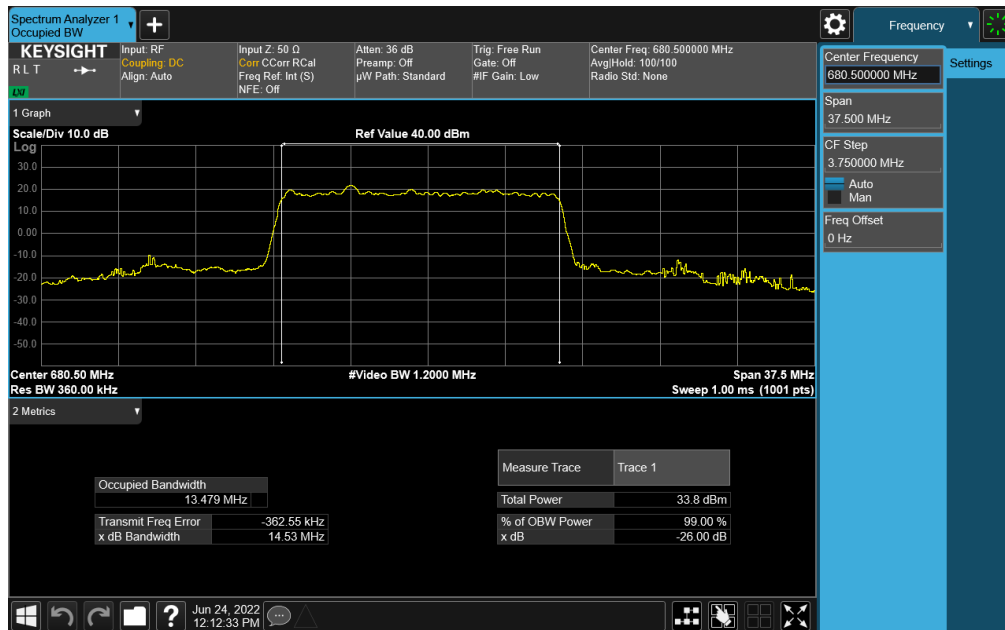


Plot 7-118. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM 64-QAM - Full RB)

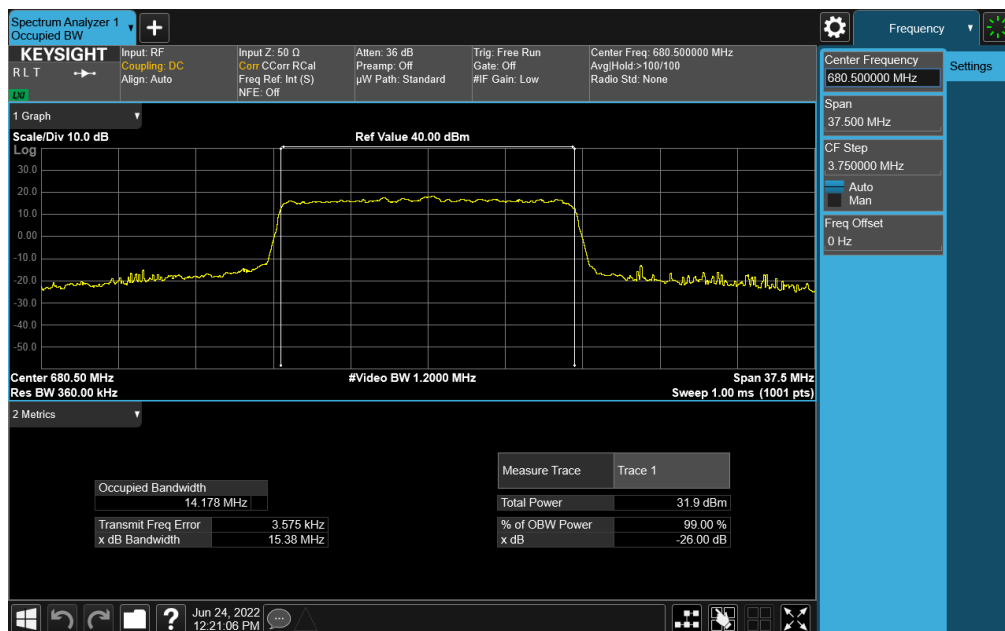


Plot 7-119. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM 256-QAM - Full RB)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 77 of 334                    |

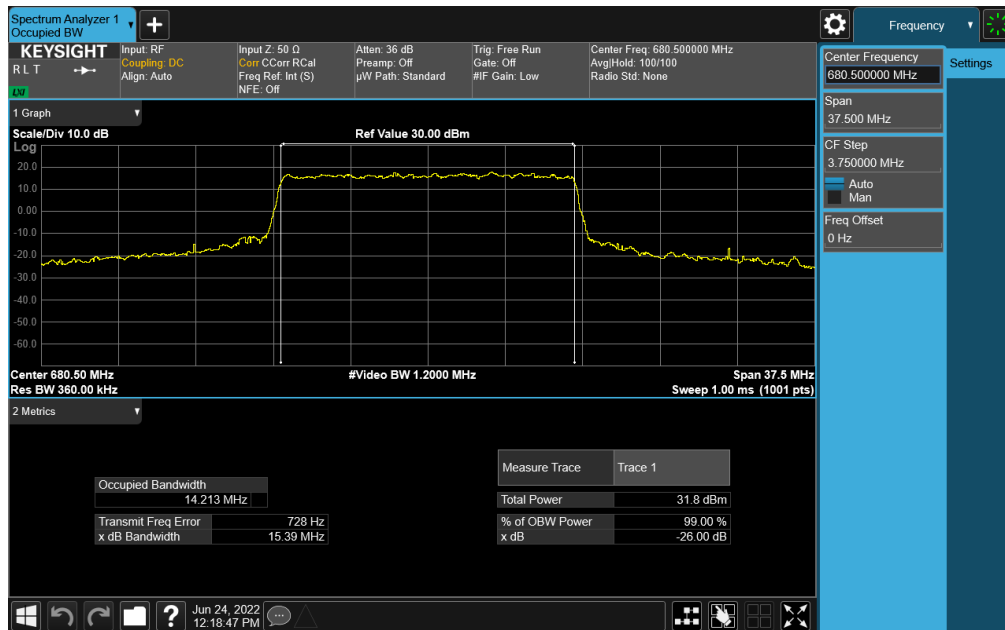


Plot 7-120. Occupied Bandwidth Plot (NR Band n71 - 15MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

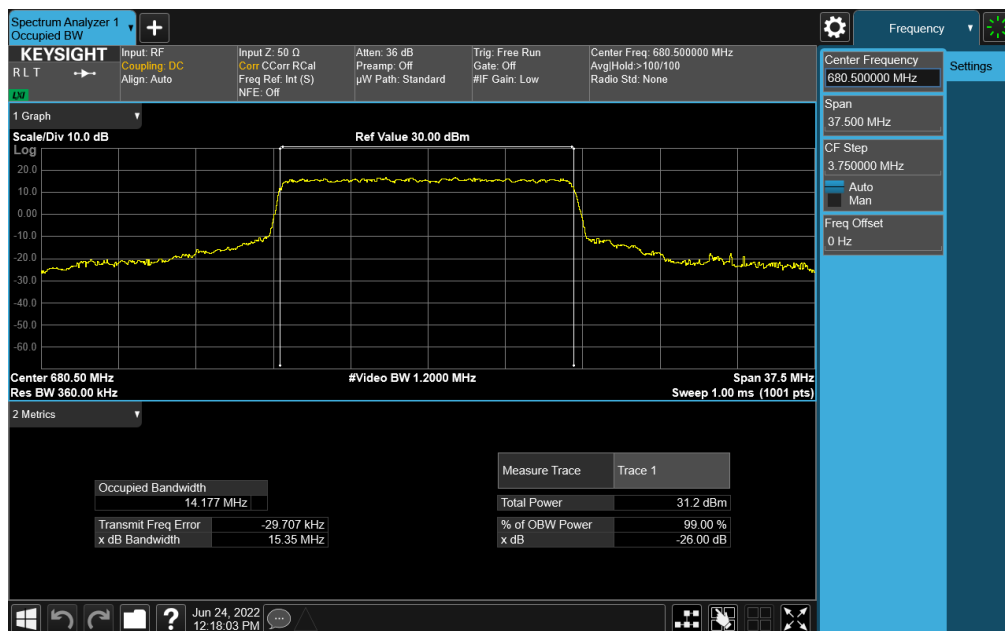


Plot 7-121. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM QPSK - Full RB)

|                                         |                                                                                     |                            |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device | Page 78 of 334                    |

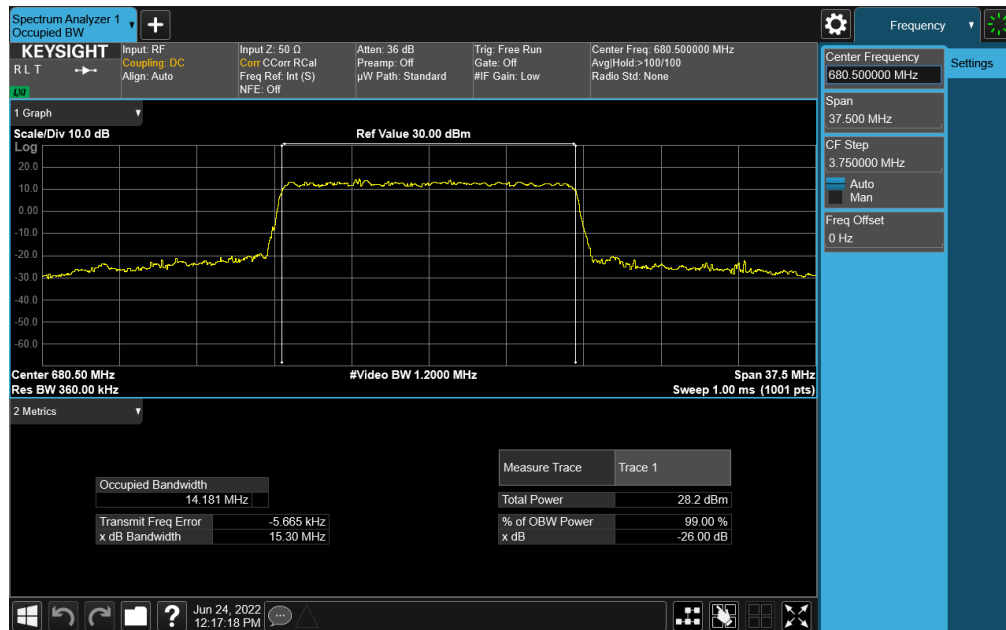


**Plot 7-122. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM 16-QAM - Full RB)**



**Plot 7-123. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM 64-QAM - Full RB)**

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 79 of 334                    |



Plot 7-124. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM 256-QAM - Full RB)



Plot 7-125. Occupied Bandwidth Plot (NR Band n71 - 20MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 80 of 334                    |



Plot 7-126. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM QPSK - Full RB)



Plot 7-127. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM 16-QAM - Full RB)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 81 of 334                    |



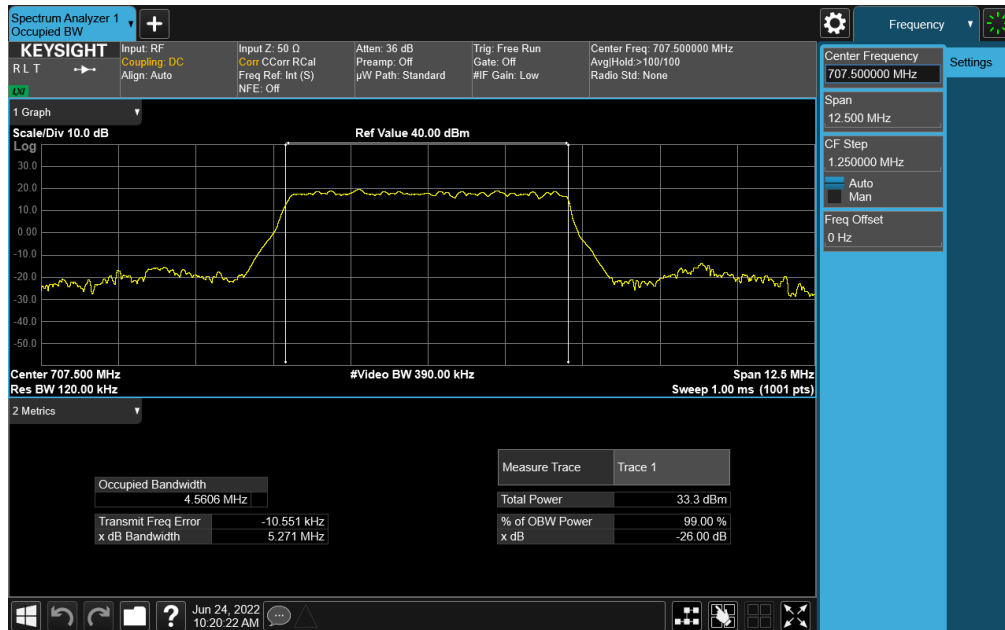
Plot 7-128. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM 64-QAM - Full RB)



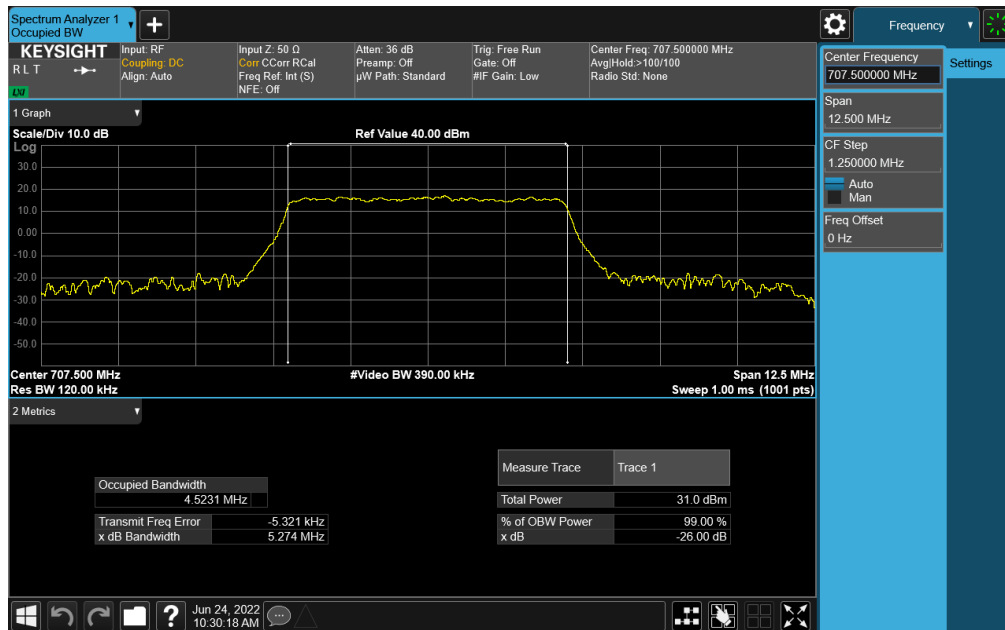
Plot 7-129. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM 256-QAM - Full RB)

|                                         |                                                                                     |                            |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device | Page 82 of 334                    |

## NR Band n12



Plot 7-130. Occupied Bandwidth Plot (NR Band n12 - 5MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

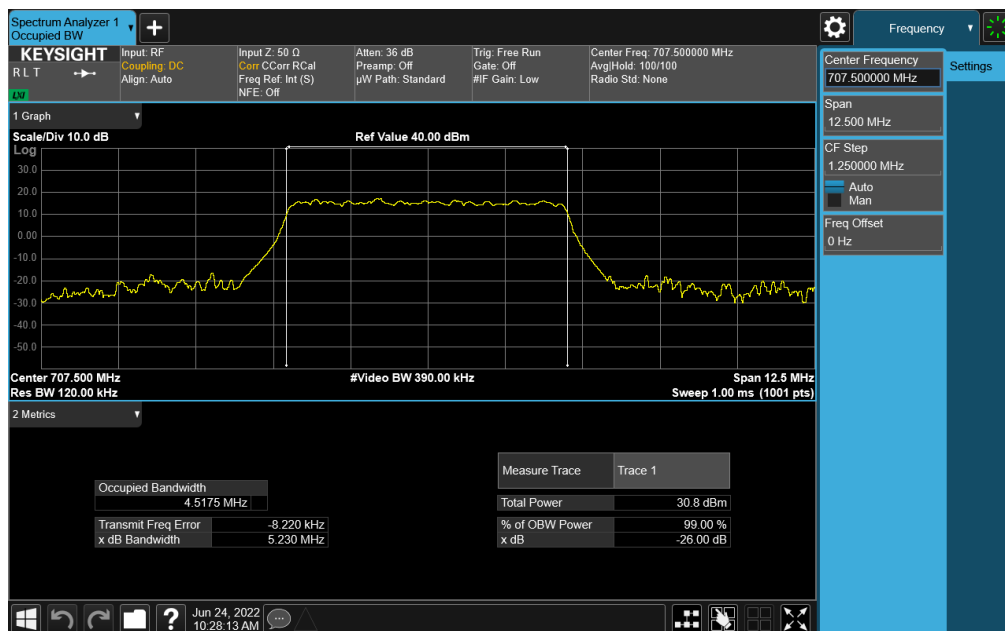


Plot 7-131. Occupied Bandwidth Plot (NR Band n12 - 5MHz CP-OFDM QPSK - Full RB)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 83 of 334                    |

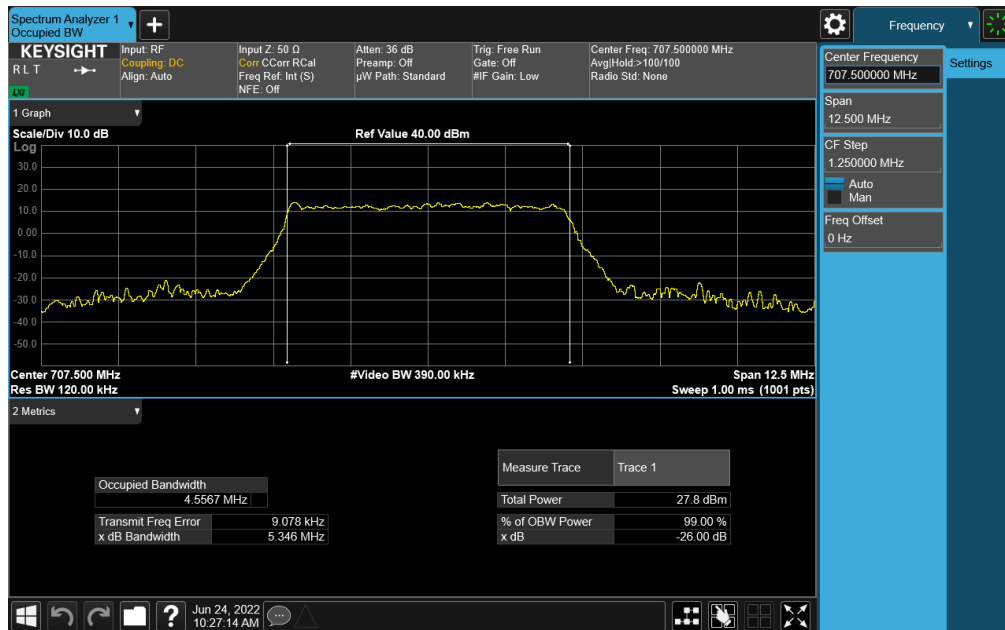


Plot 7-132. Occupied Bandwidth Plot (NR Band n12 - 5MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-133. Occupied Bandwidth Plot (NR Band n12 - 5MHz CP-OFDM 64-QAM - Full RB)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 84 of 334                    |

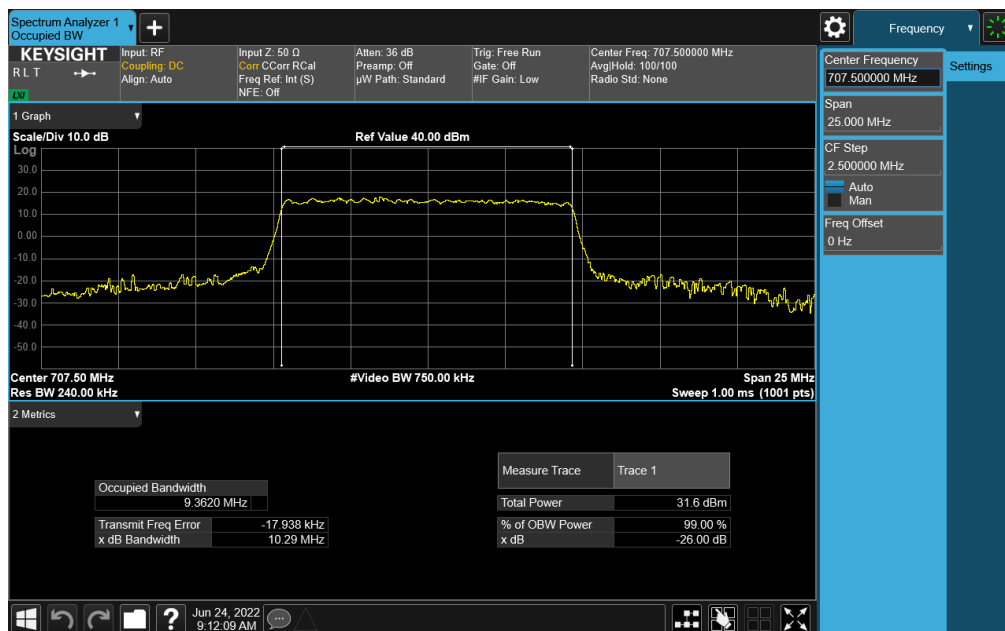
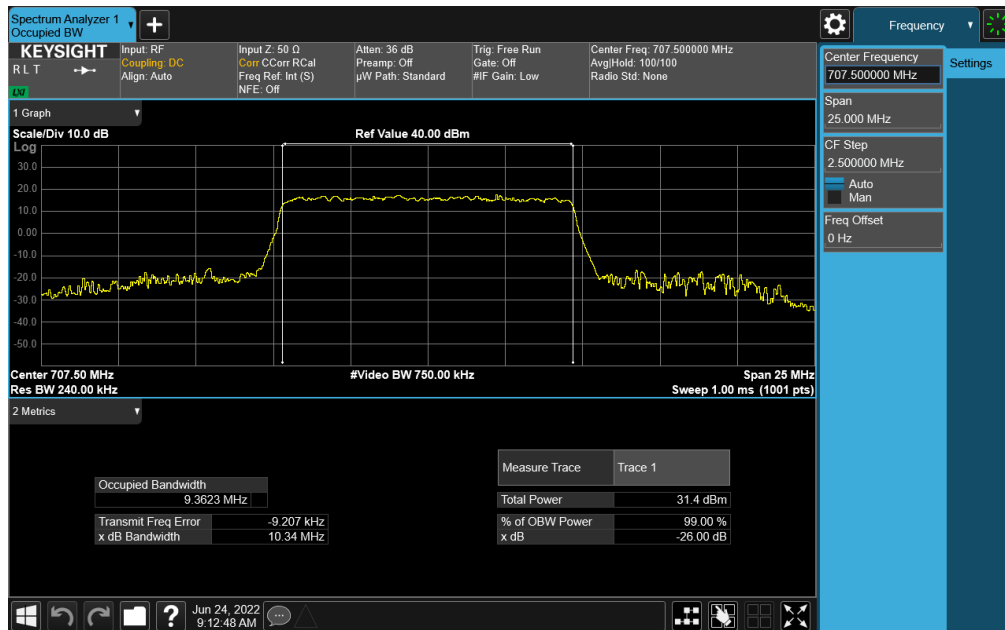


Plot 7-134. Occupied Bandwidth Plot (NR Band n12 - 5MHz CP-OFDM 256-QAM - Full RB)

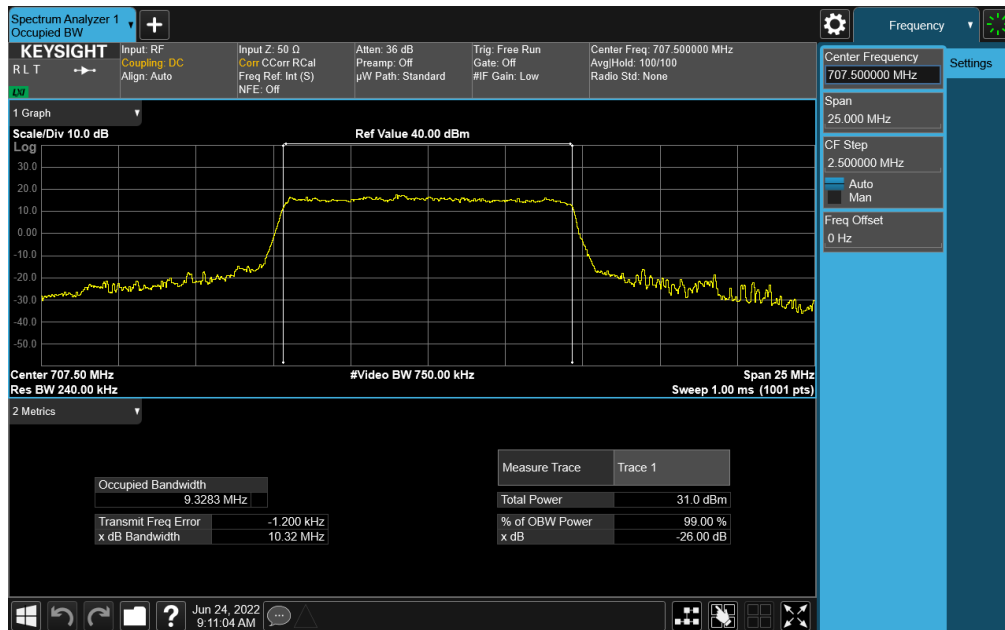


Plot 7-135. Occupied Bandwidth Plot (NR Band n12 - 10MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

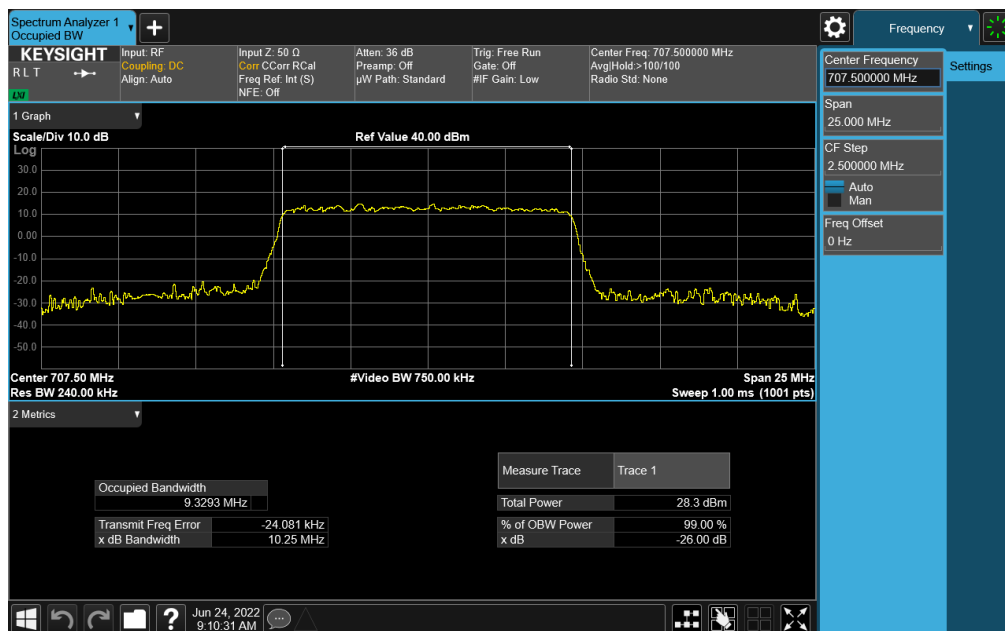
|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 85 of 334                    |



|                                         |                                                                                     |                            |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device | Page 86 of 334                    |

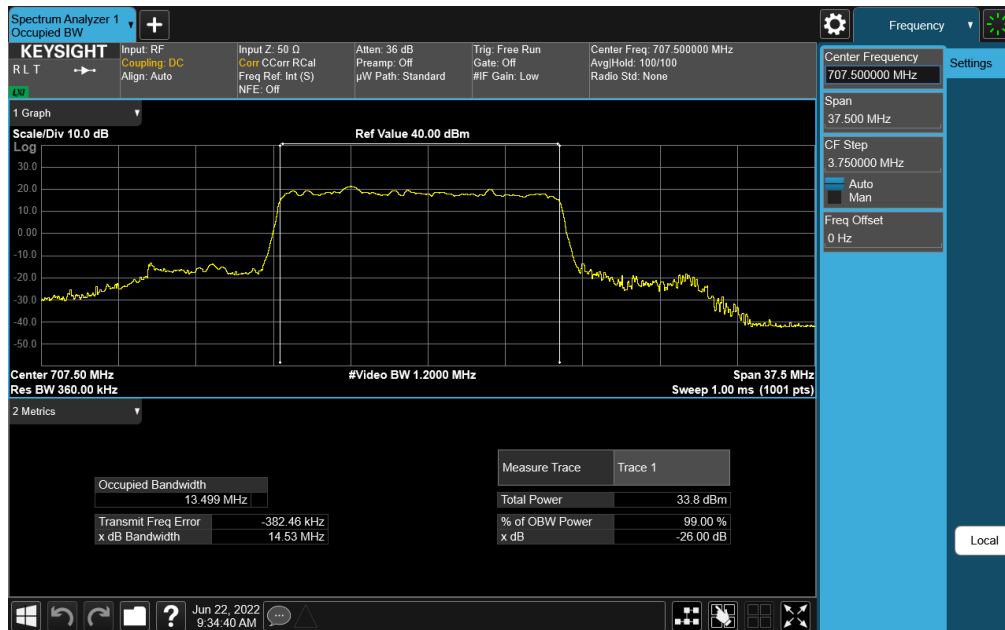


Plot 7-138. Occupied Bandwidth Plot (NR Band n12 - 10MHz CP-OFDM 64-QAM - Full RB)

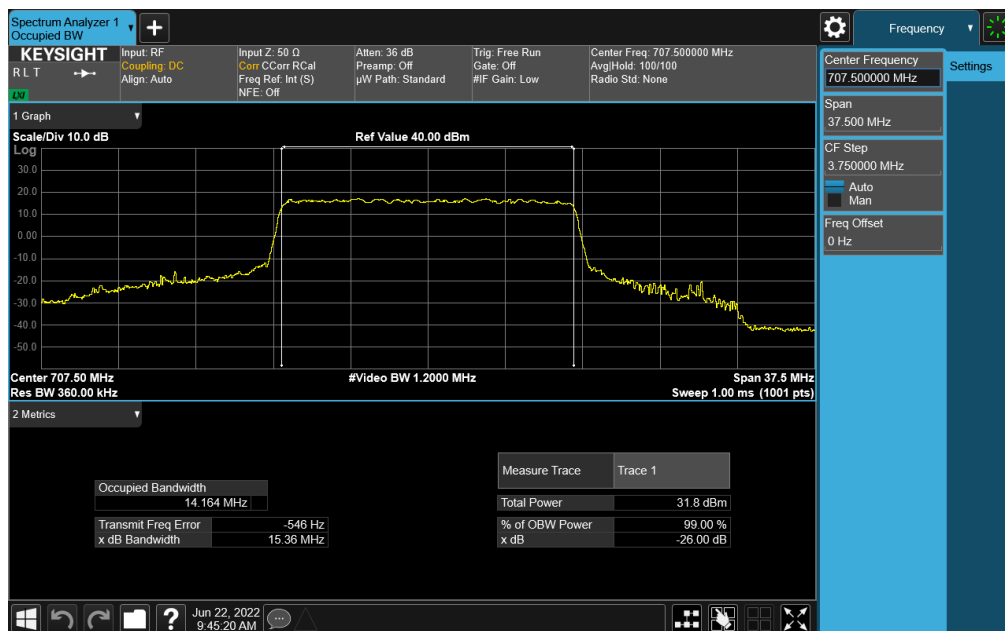


Plot 7-139. Occupied Bandwidth Plot (NR Band n12 - 10MHz CP-OFDM 256-QAM - Full RB)

|                                         |                                                                                                                |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device        |
|                                         |                                                                                                                | Page 87 of 334                    |

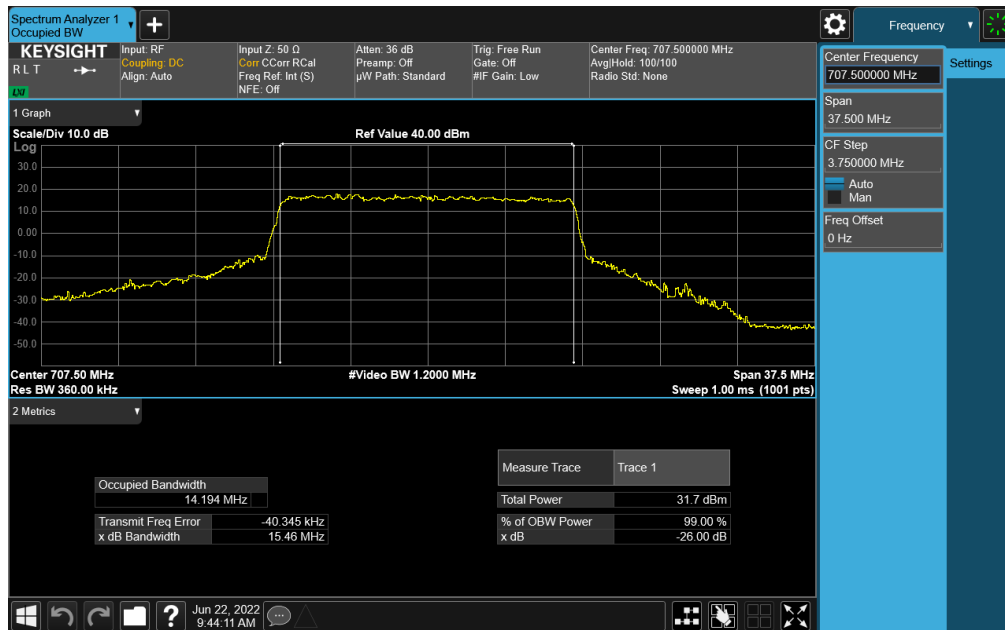


Plot 7-140. Occupied Bandwidth Plot (NR Band n12 - 15MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)



Plot 7-141. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM QPSK - Full RB)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 88 of 334                    |

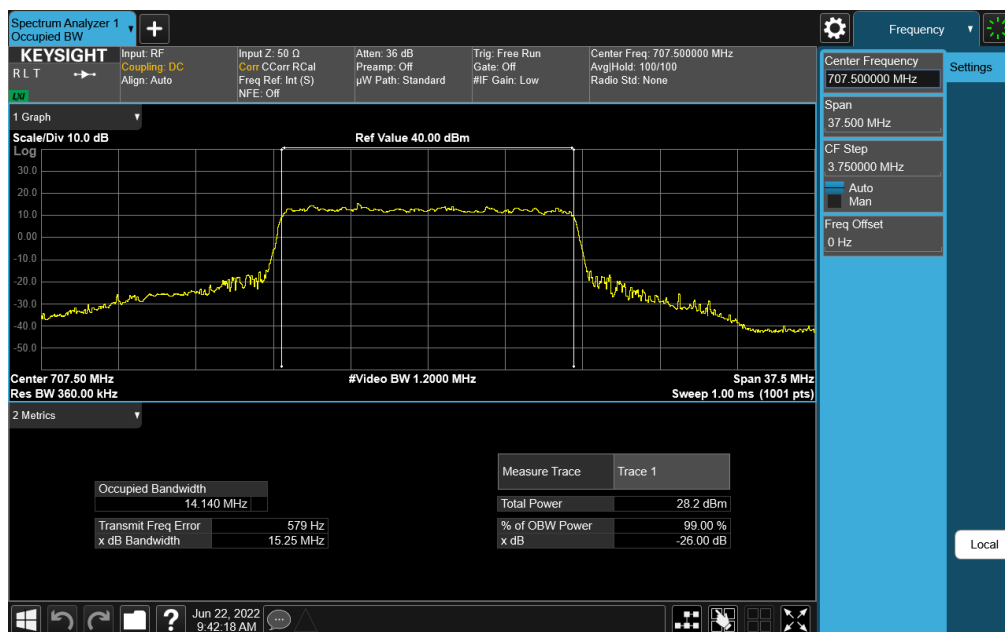


**Plot 7-142. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM 16-QAM - Full RB)**



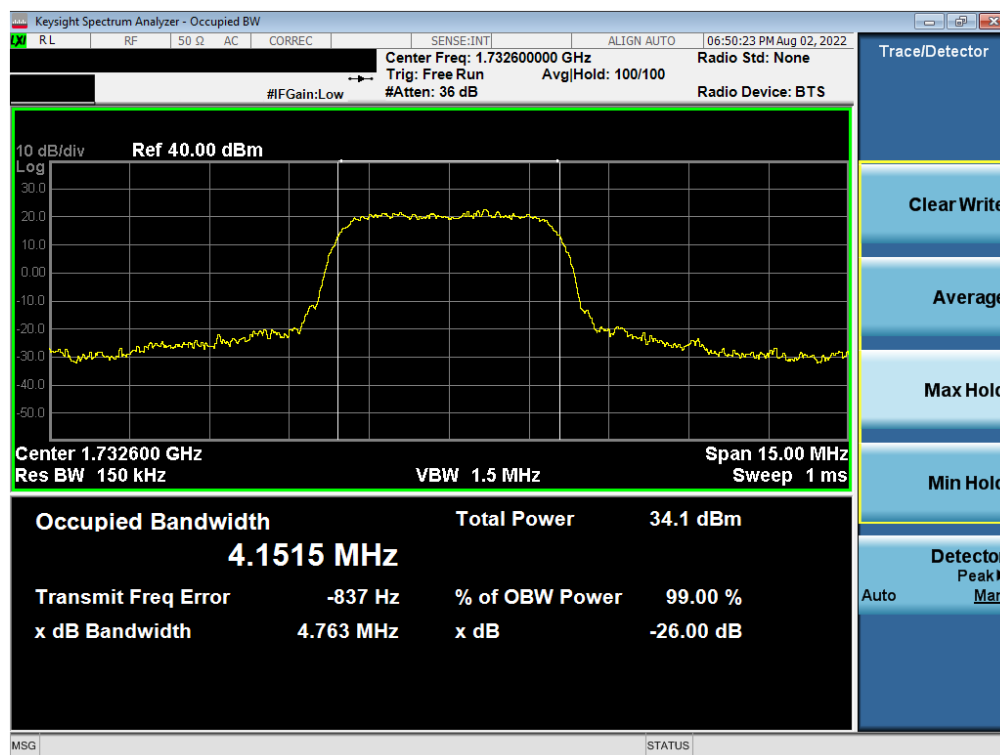
**Plot 7-143. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM 64-QAM - Full RB)**

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 89 of 334                    |



Plot 7-144. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM 256-QAM - Full RB)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 90 of 334                    |



Plot 7-145. Occupied Bandwidth Plot (WCDMA, Ch. 1413)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 91 of 334                    |

## 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  $43 + 10 \log_{10}(P_{[Watts]})$ , where P is the transmitter power in Watts.***

### Test Procedure Used

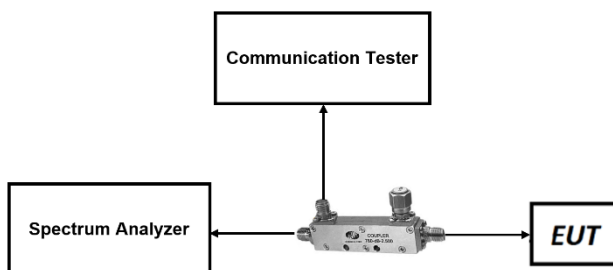
KDB 971168 D01 v03r01 – Section 6.0

### 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**

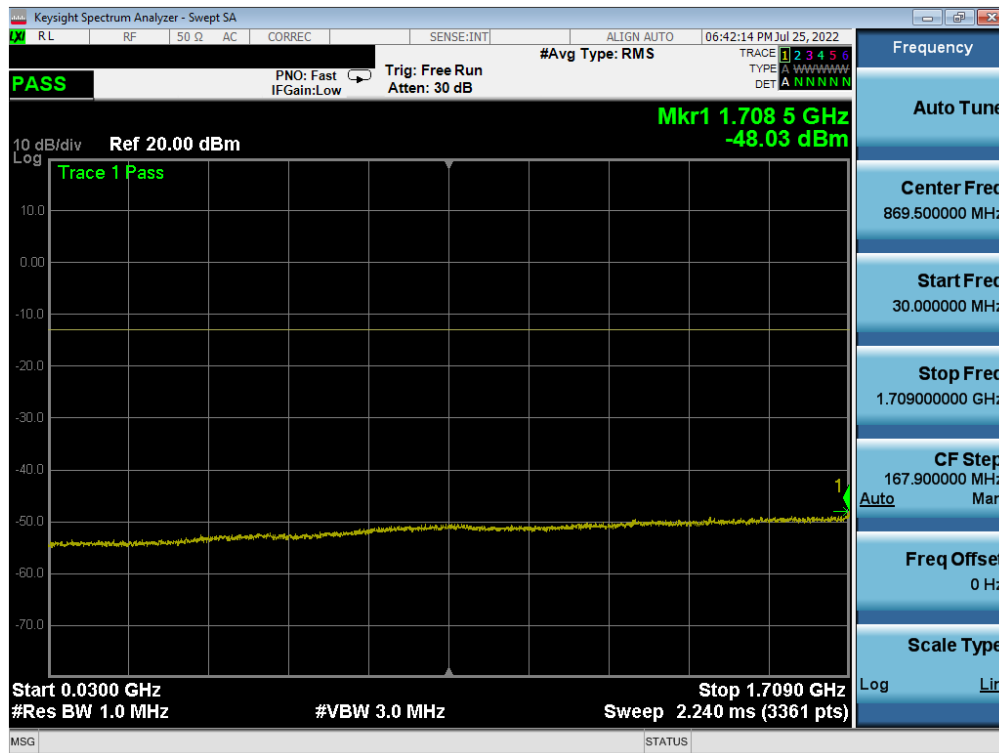
|                                         |                                                                                                                       |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device        |
|                                         |                                                                                                                       | Page 92 of 334                    |

## **Test Notes**

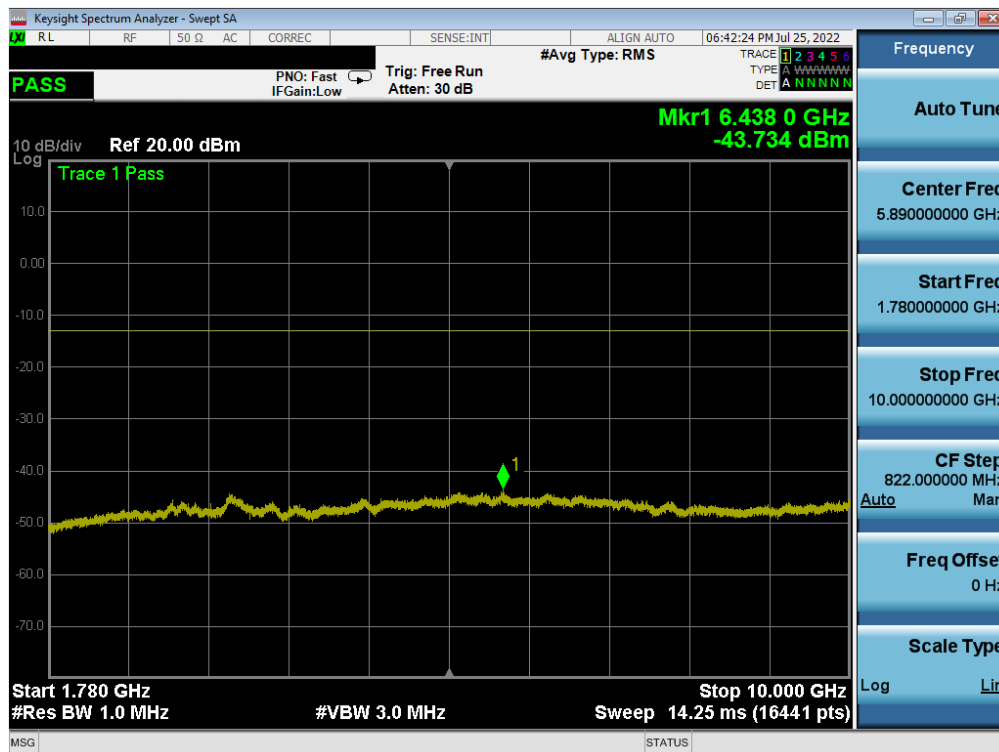
1. Per Part 27, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 100 kHz or greater for measurements below 1GHz. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 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.

|                                                |                                                                                                                       |                                   |                                          |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2205090028-03.BCG | <b>Test Dates:</b><br>5/30/2022 - 9/16/2022                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 93 of 334                           |

## LTE Band 66/4

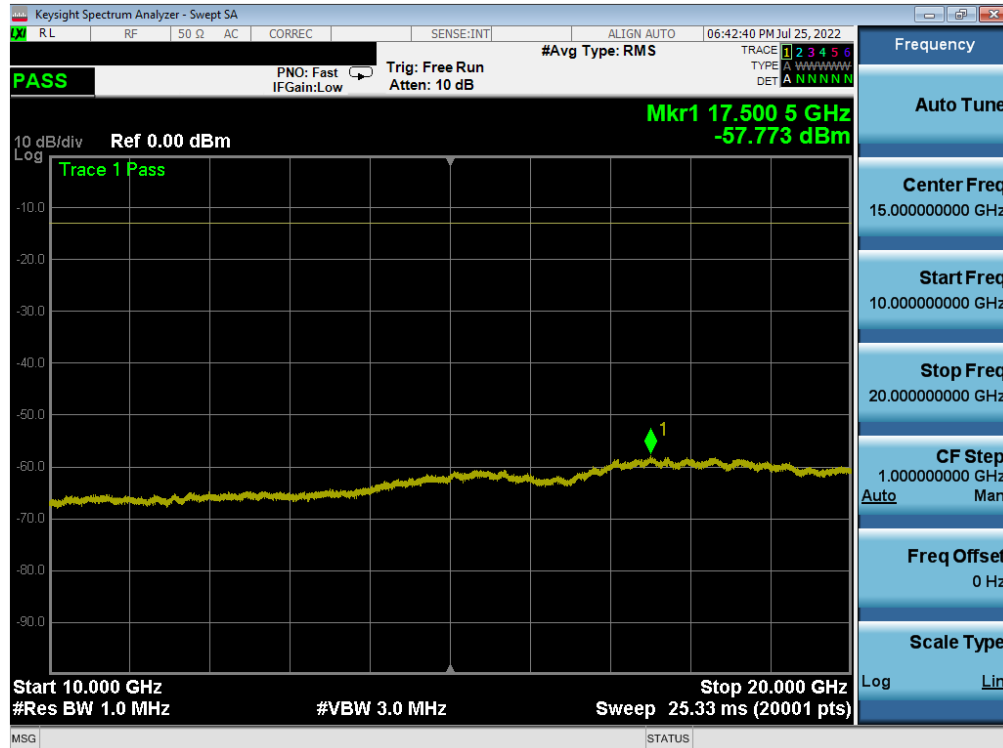


Plot 7-146. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

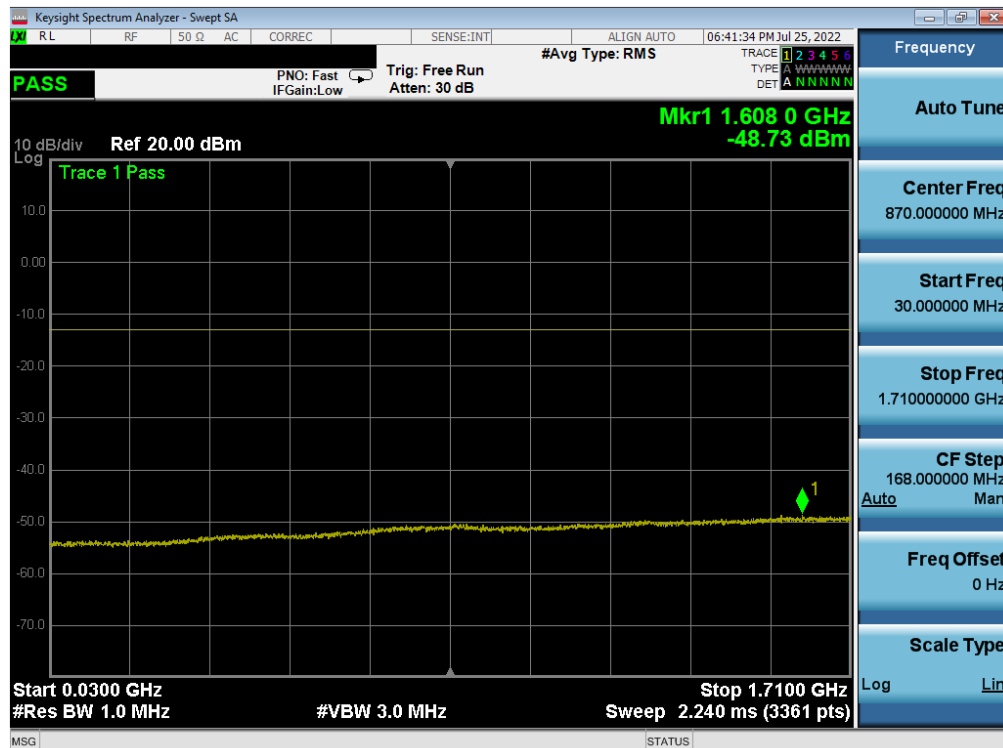


Plot 7-147. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

|                                         |                                                                                                                |                            |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device | Page 94 of 334                    |

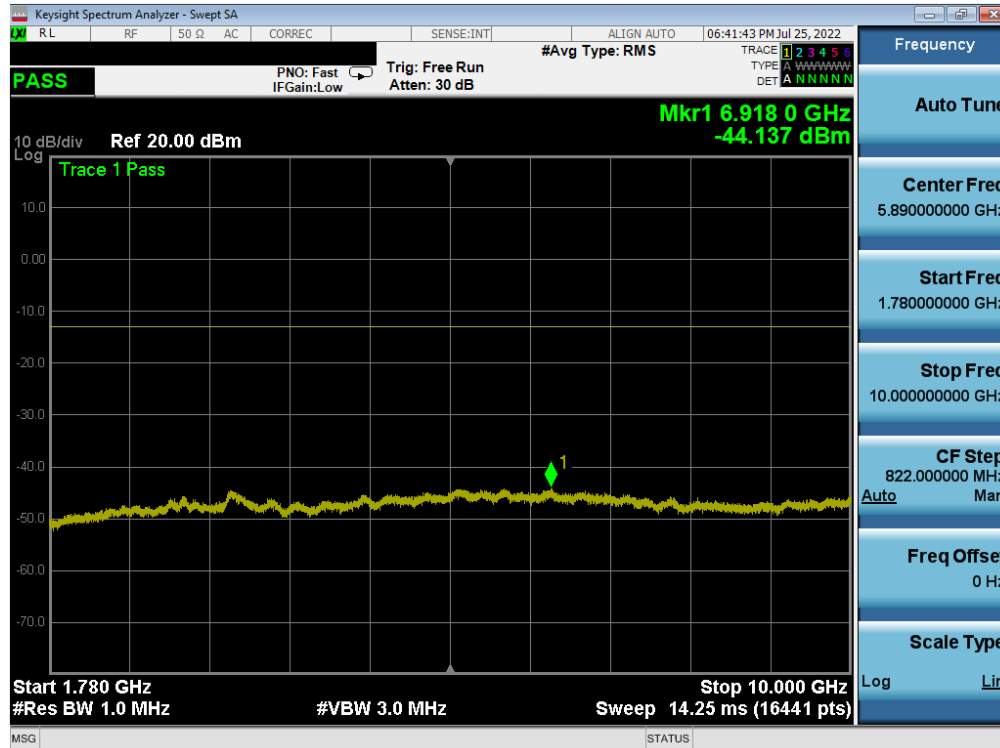


Plot 7-148. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

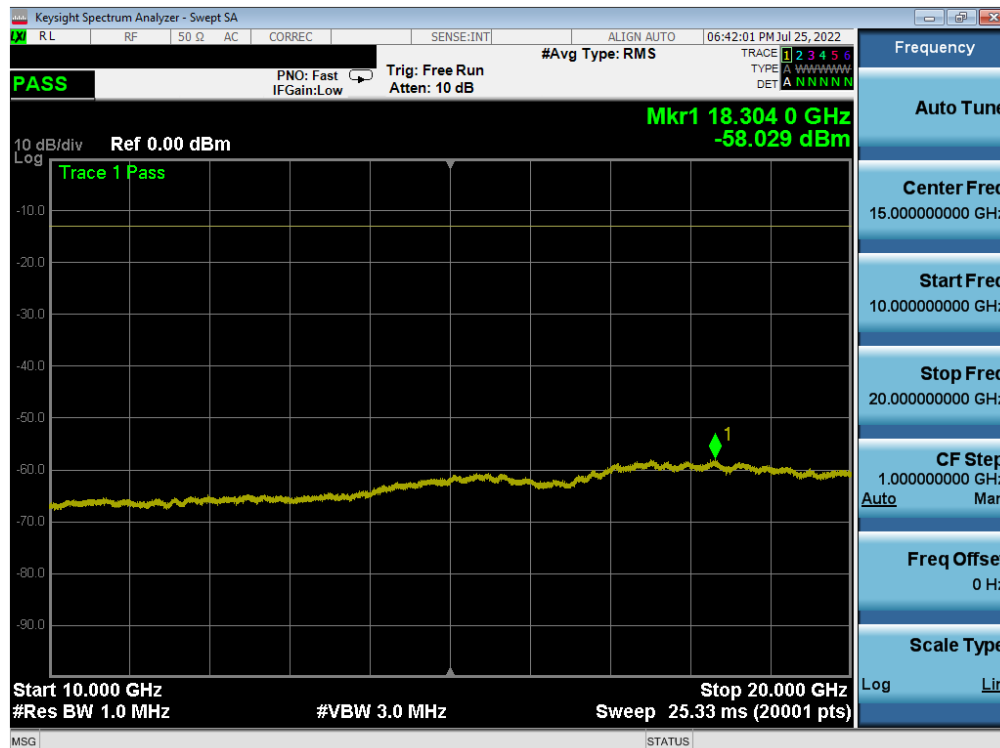


Plot 7-149. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 95 of 334                    |

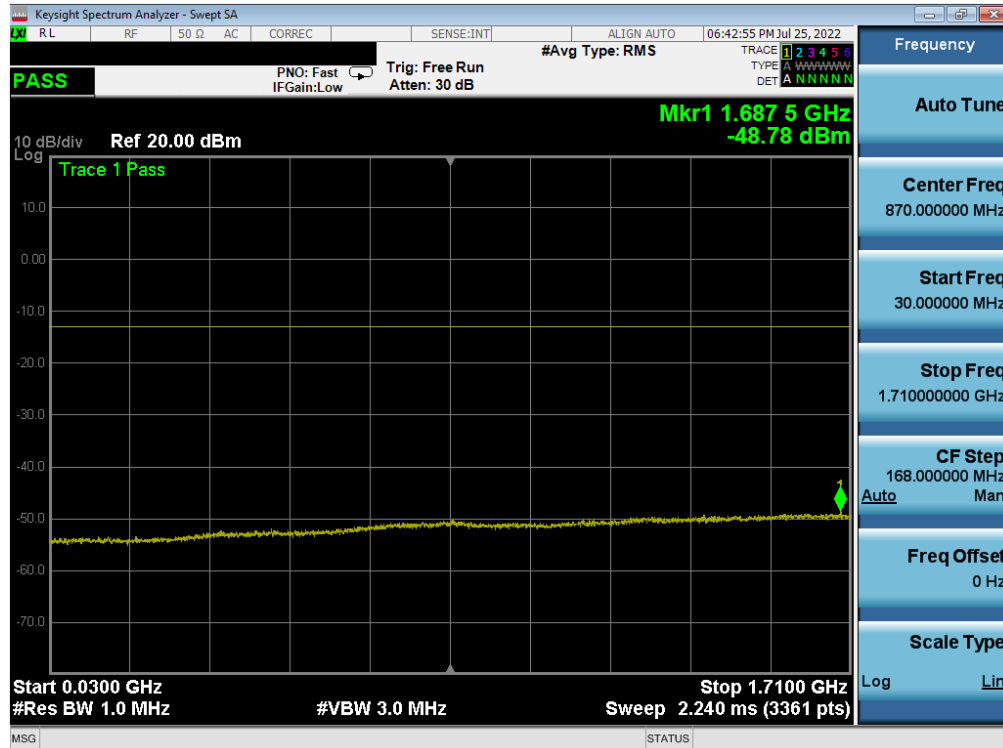


Plot 7-150. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

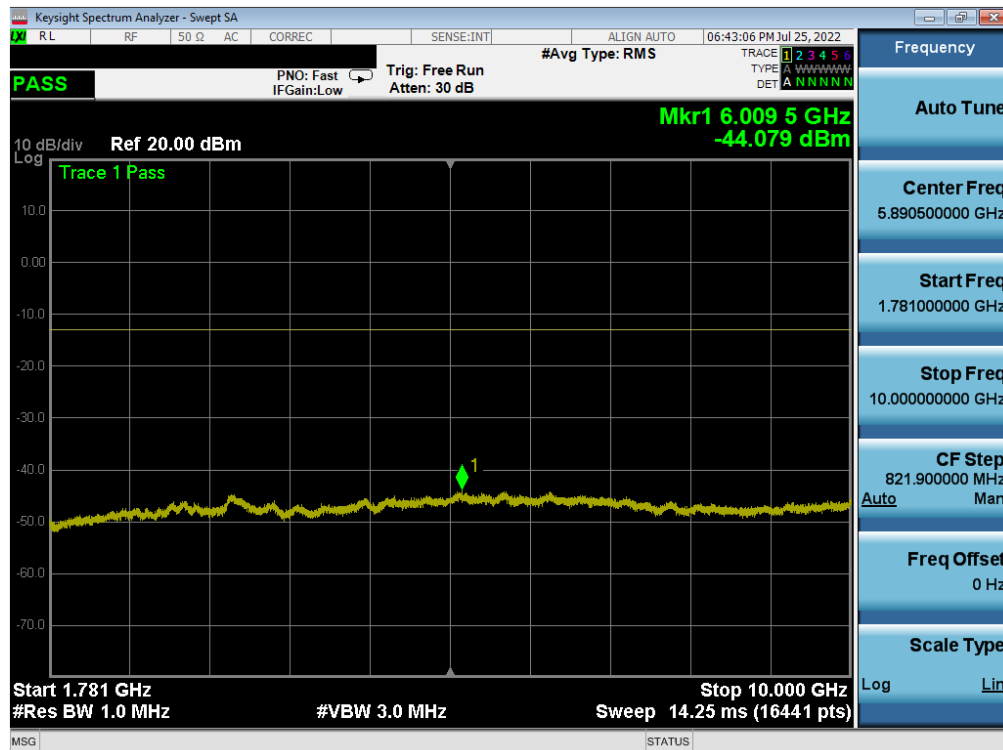


Plot 7-151. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 96 of 334                    |

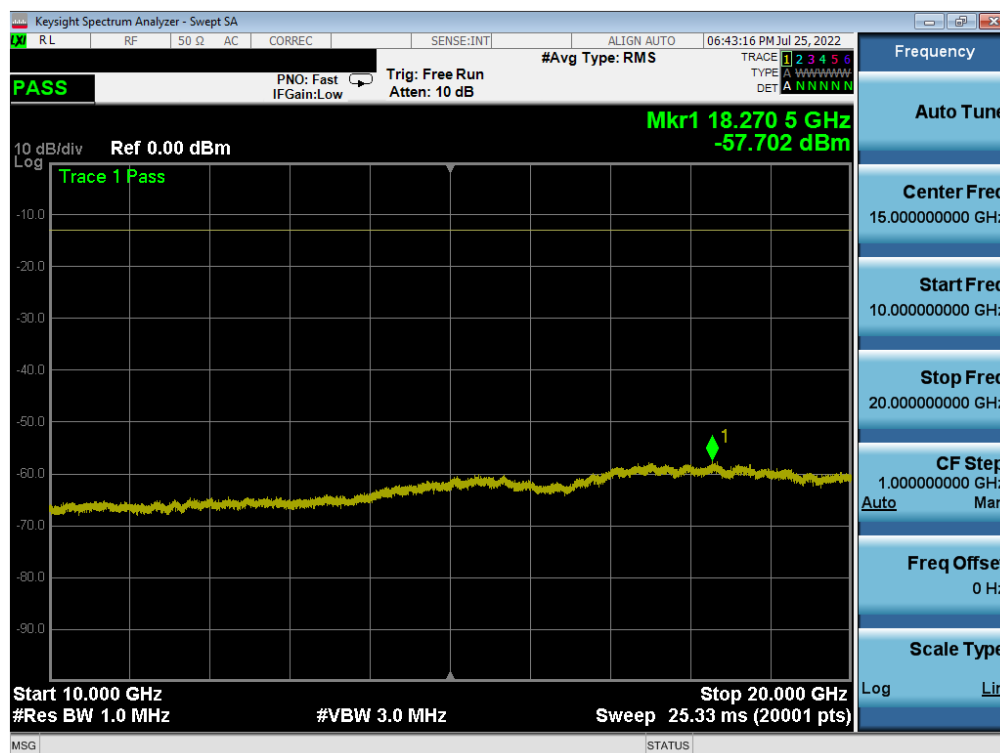


Plot 7-152. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-153. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

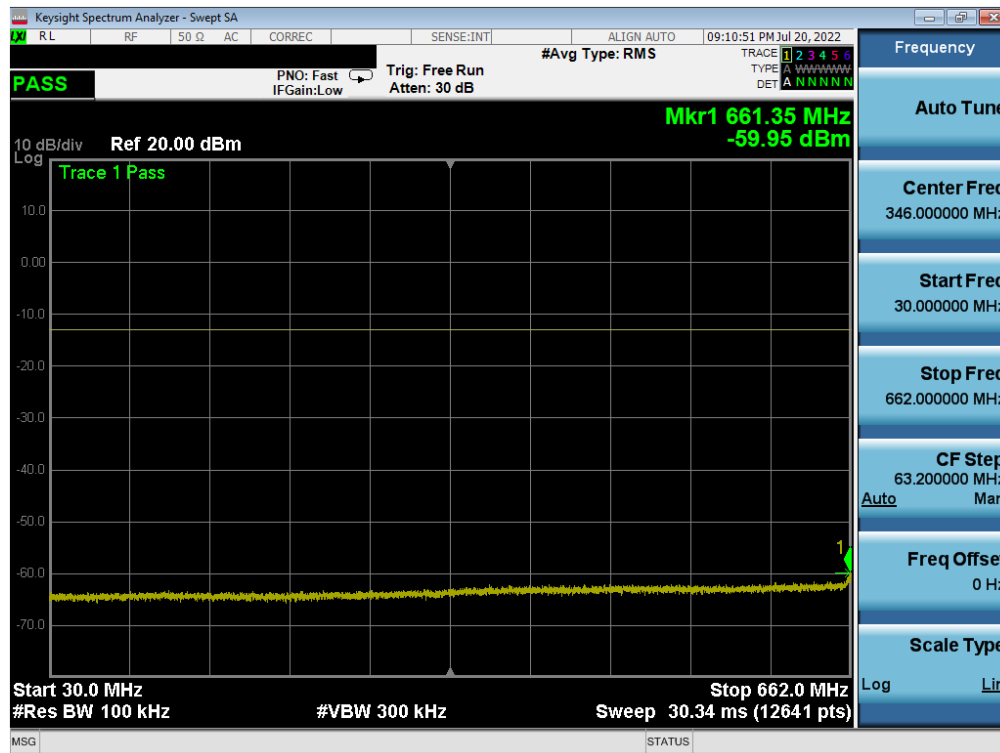
|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 97 of 334                    |



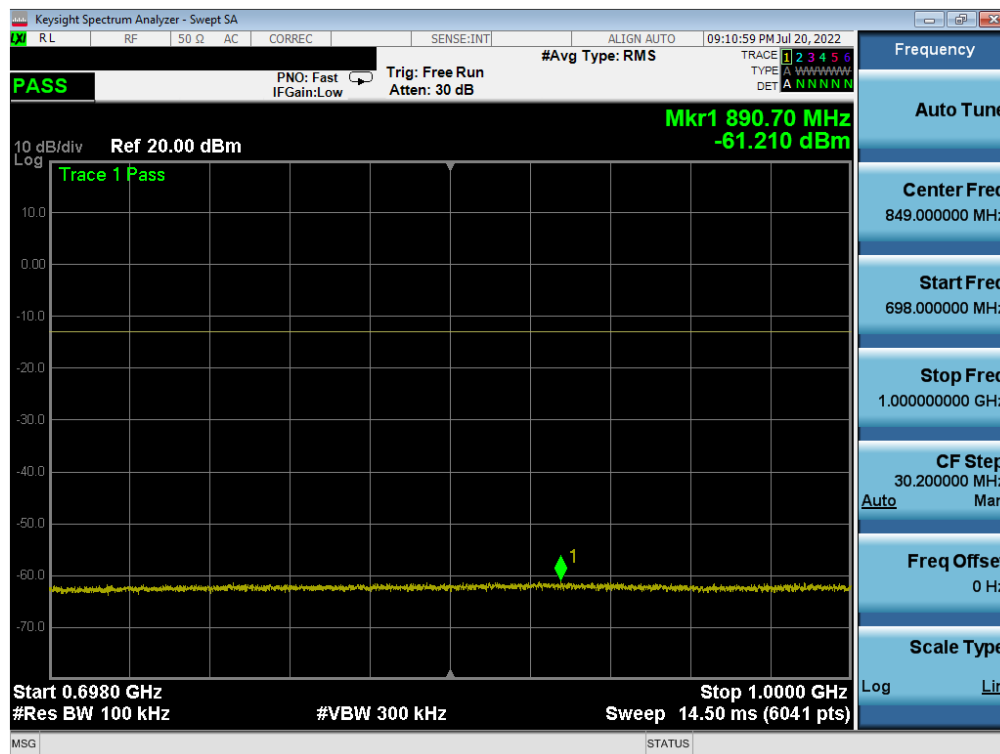
Plot 7-154. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 98 of 334                    |

## LTE Band 71

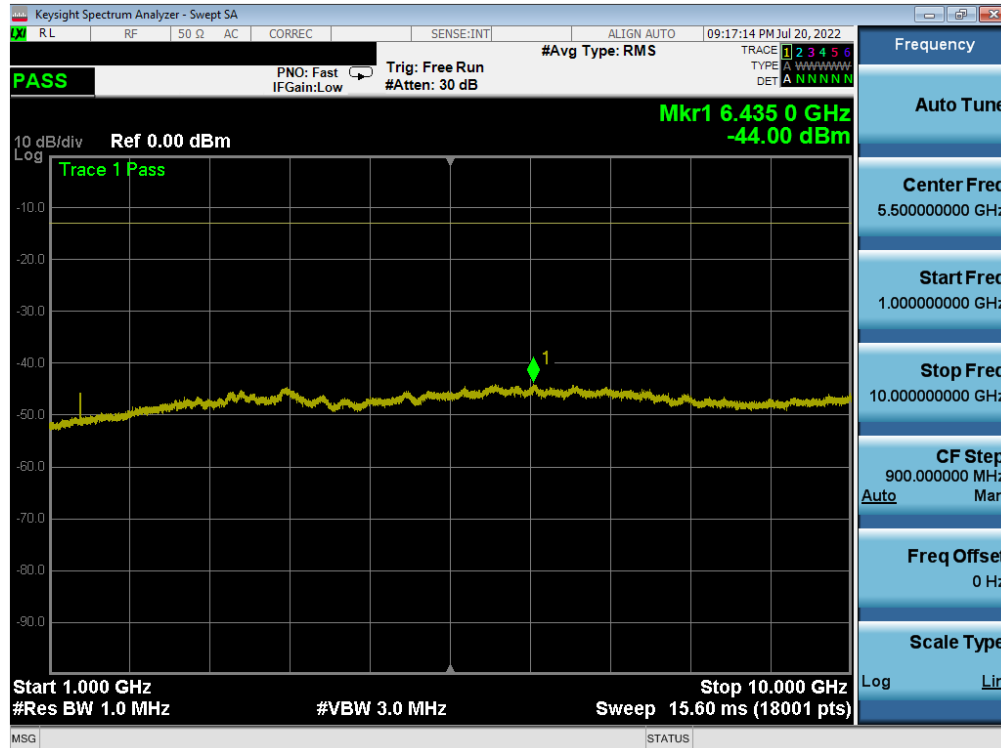


Plot 7-155. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

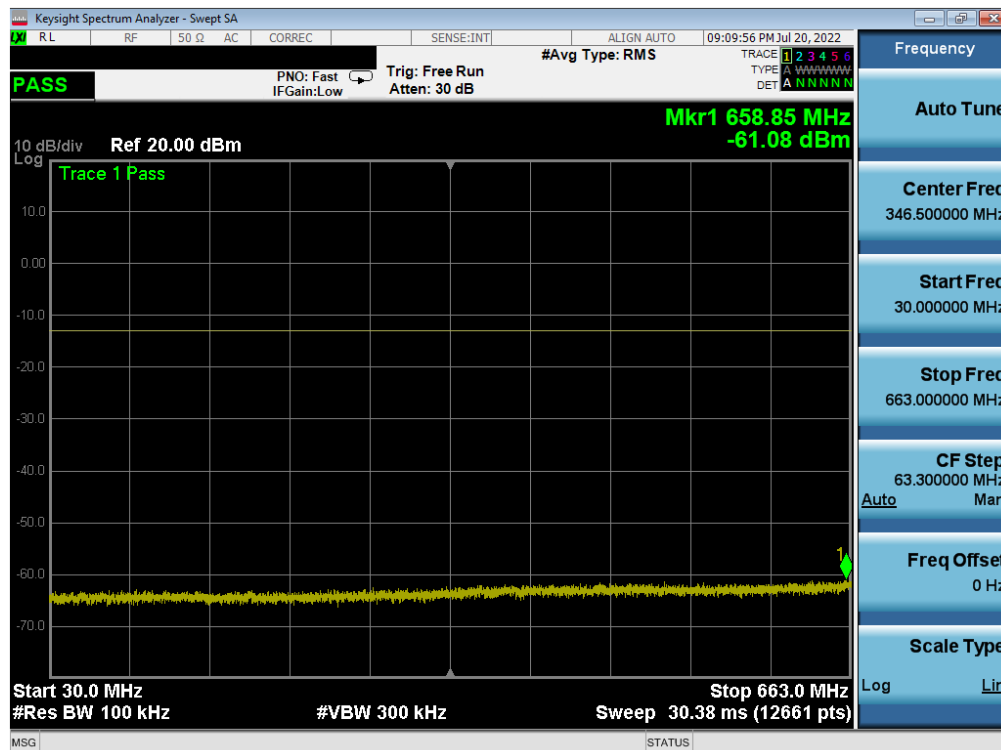


Plot 7-156. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 99 of 334                    |

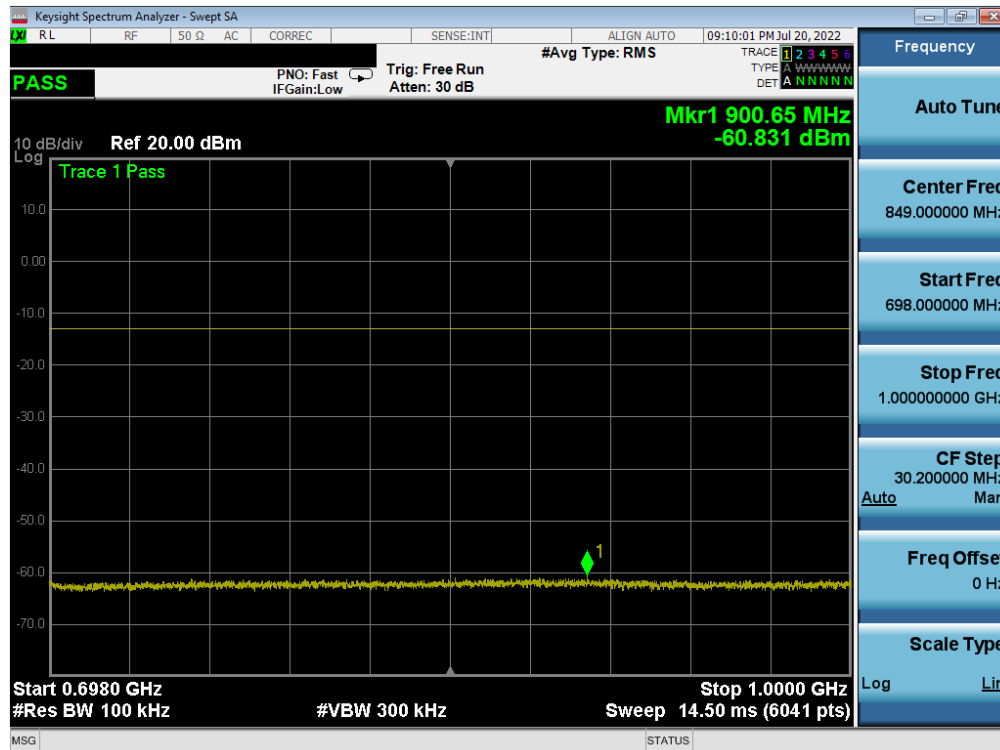


Plot 7-157. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

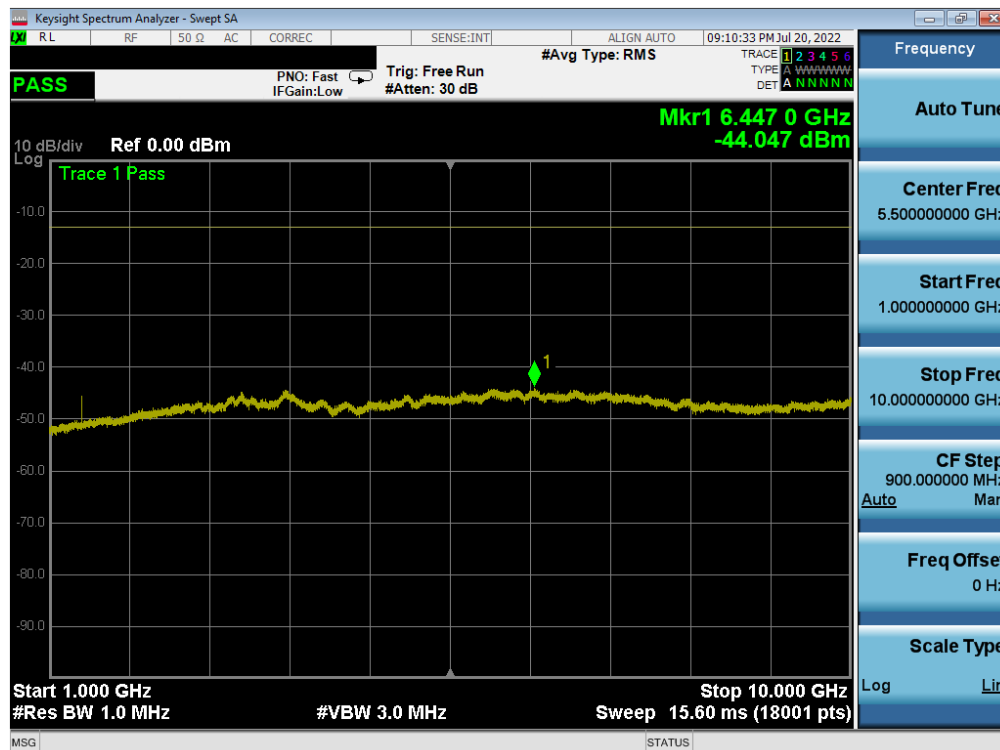


Plot 7-158. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 100 of 334                   |

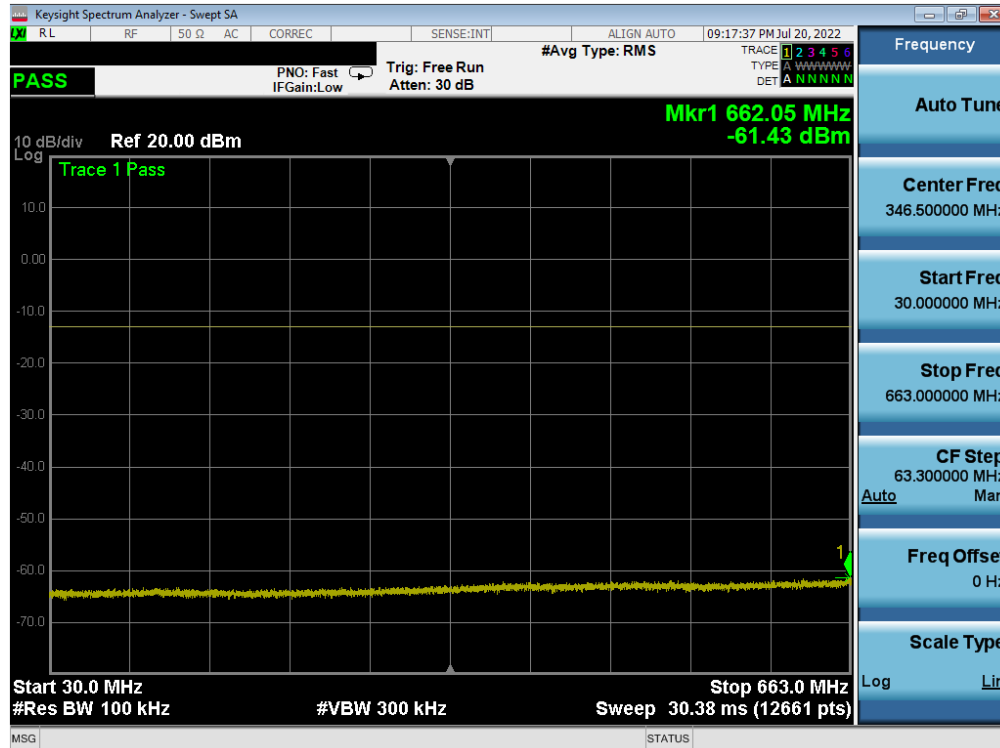


Plot 7-159. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

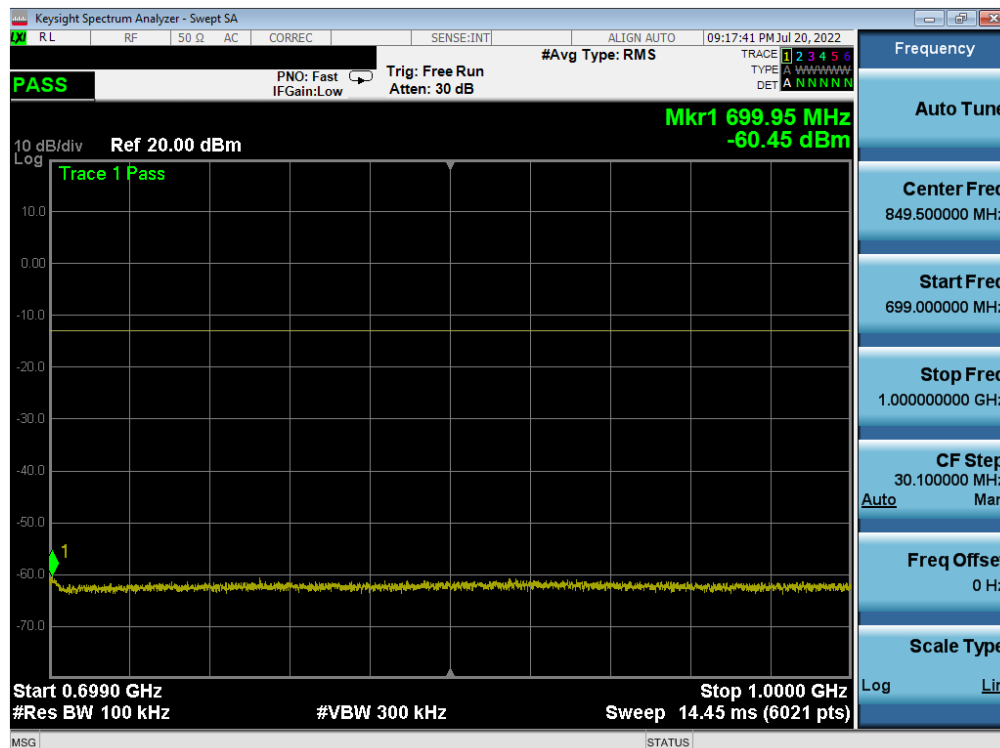


Plot 7-160. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 101 of 334                   |

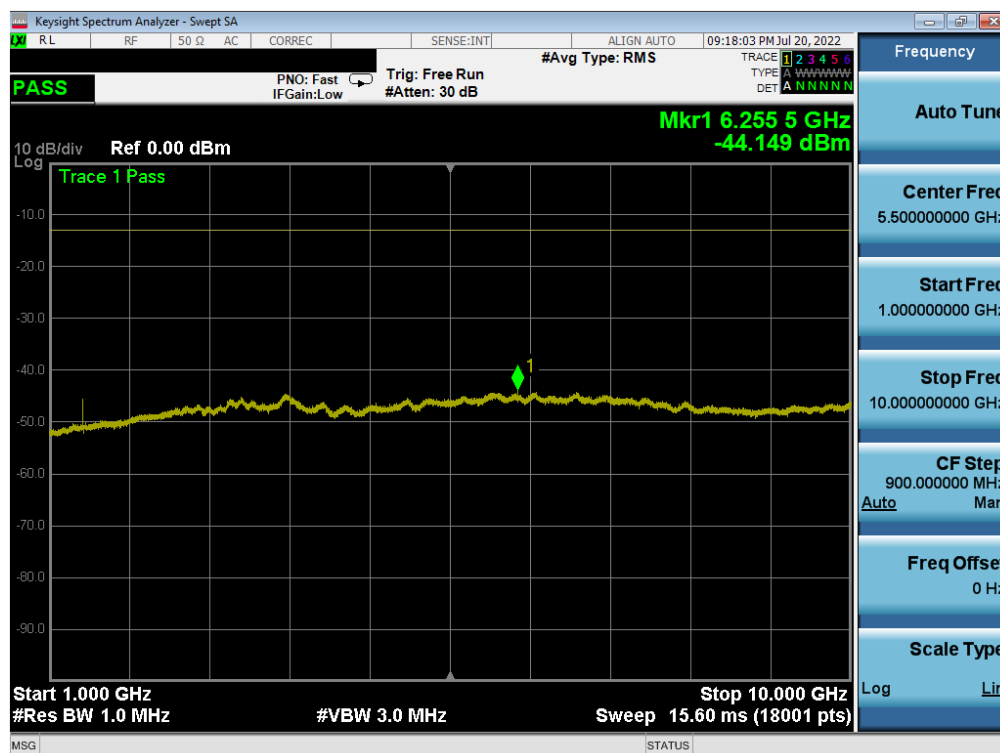


Plot 7-161. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-162. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

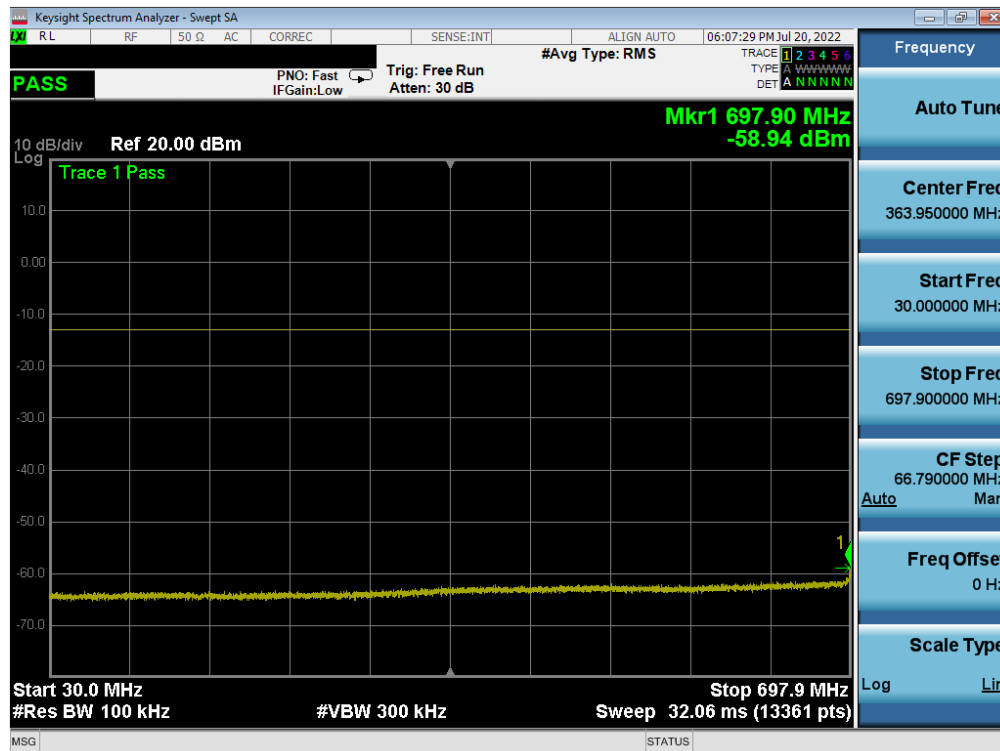
|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 102 of 334                   |



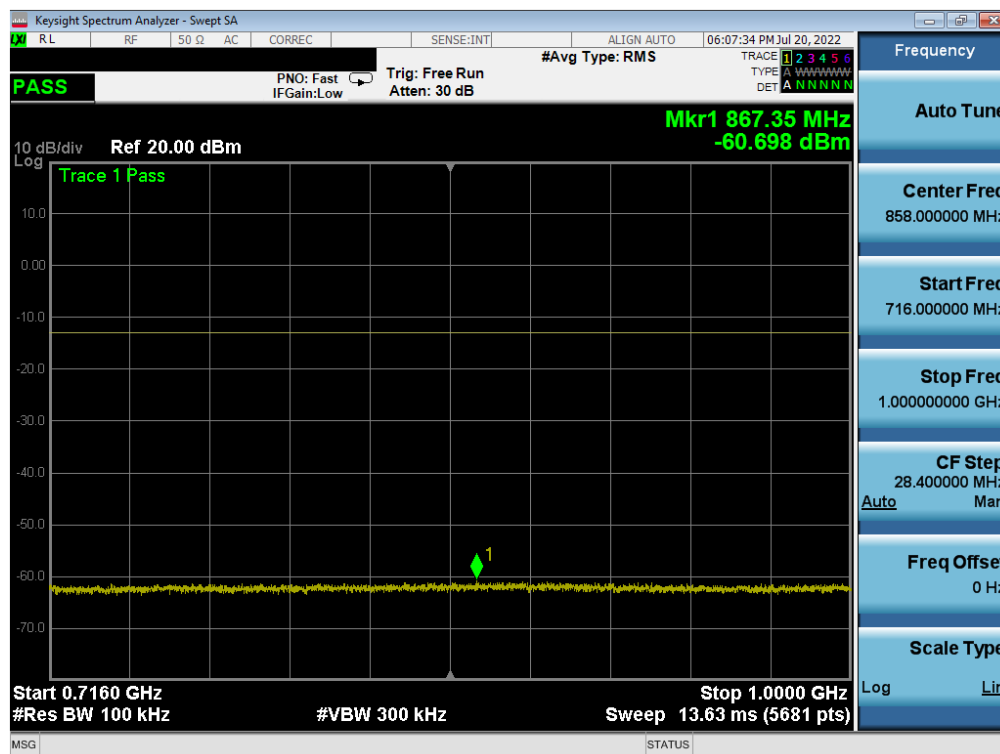
Plot 7-163. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                                                                                                |                            |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device | Page 103 of 334                   |

## LTE Band 12/17

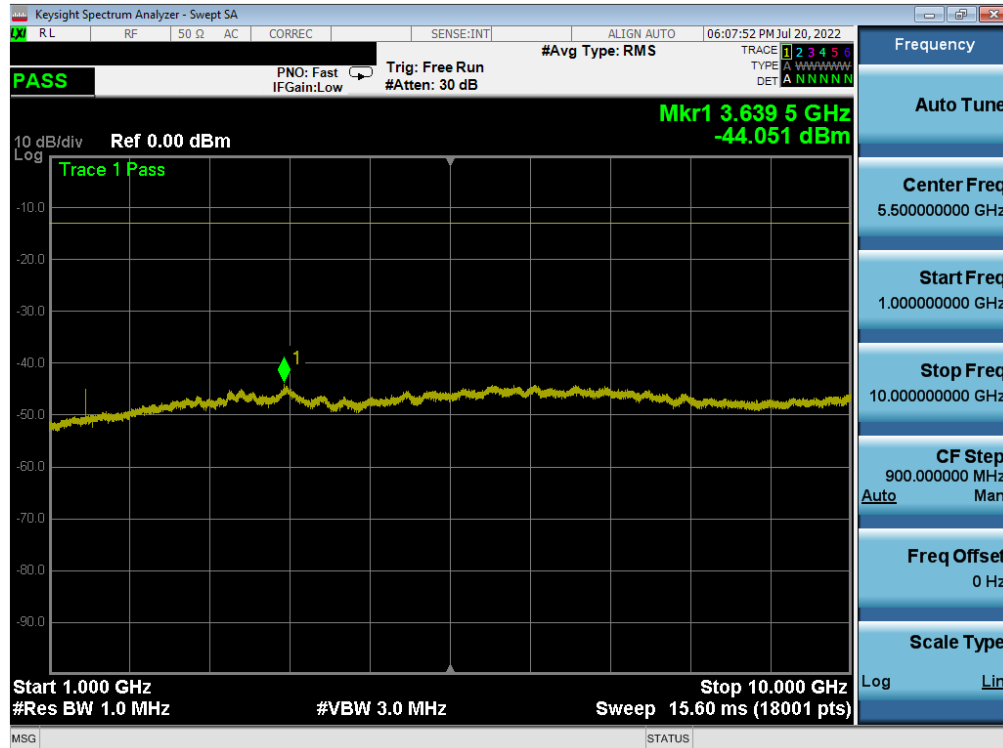


Plot 7-164. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

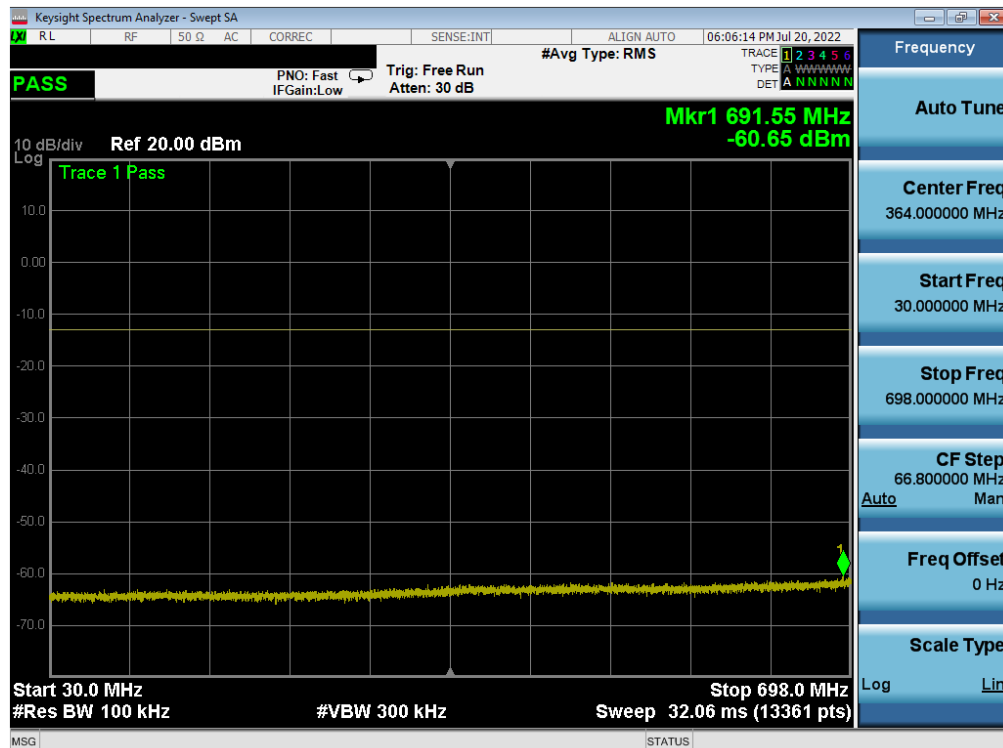


Plot 7-165. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

|                                         |                                                                                                                |                            |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device | Page 104 of 334                   |

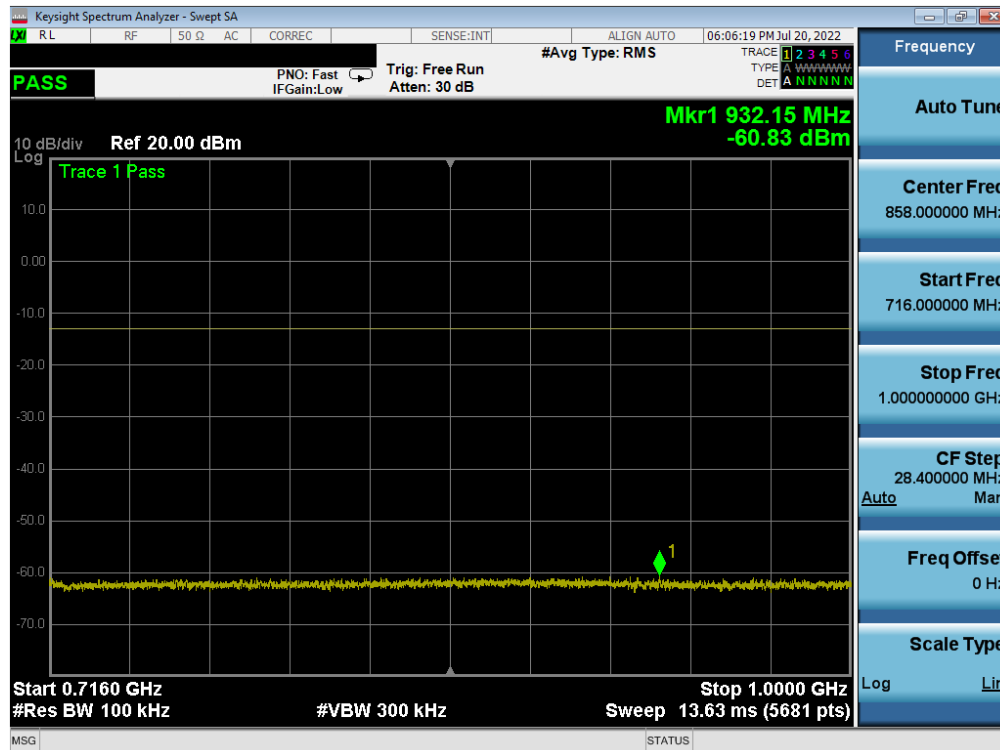


Plot 7-166. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

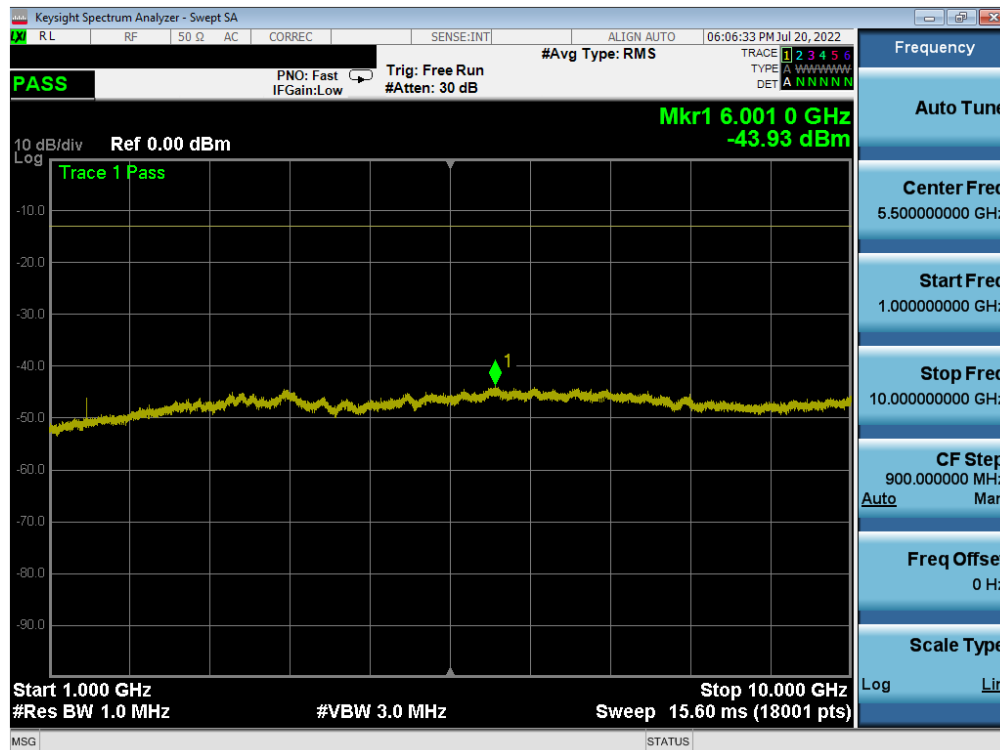


Plot 7-167. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 105 of 334                   |

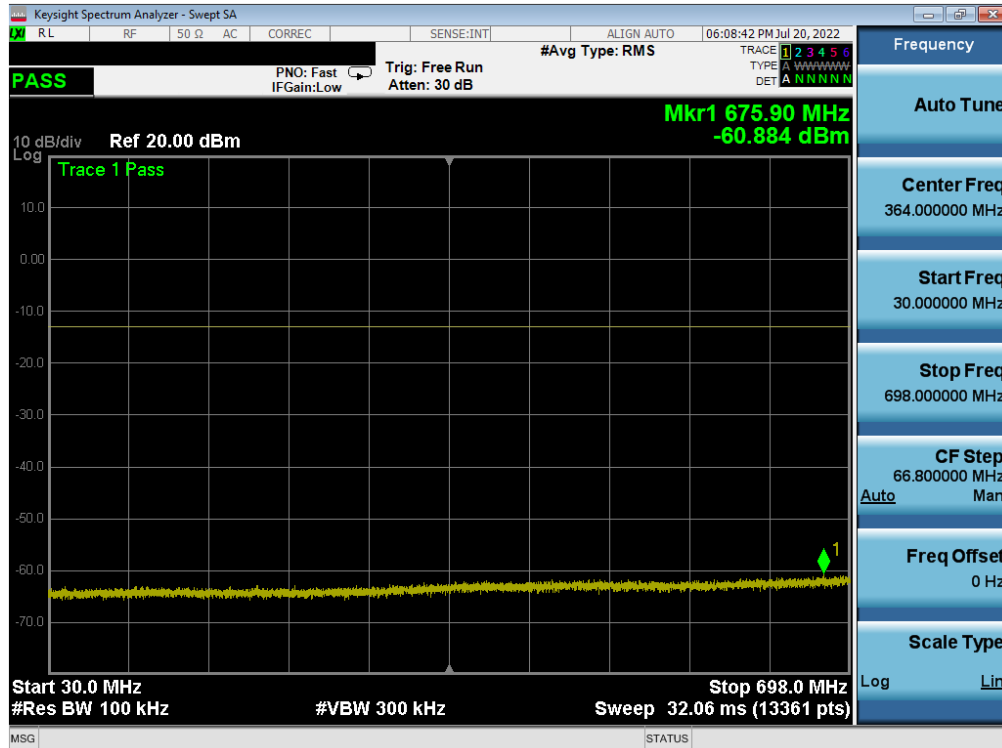


Plot 7-168. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

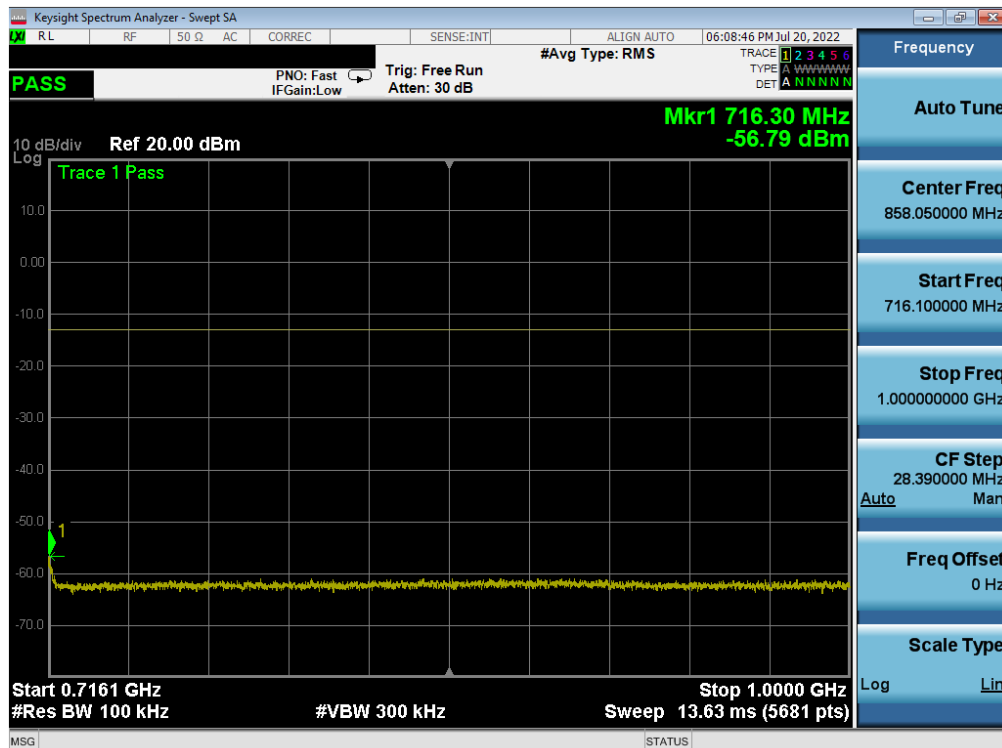


Plot 7-169. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 106 of 334                   |

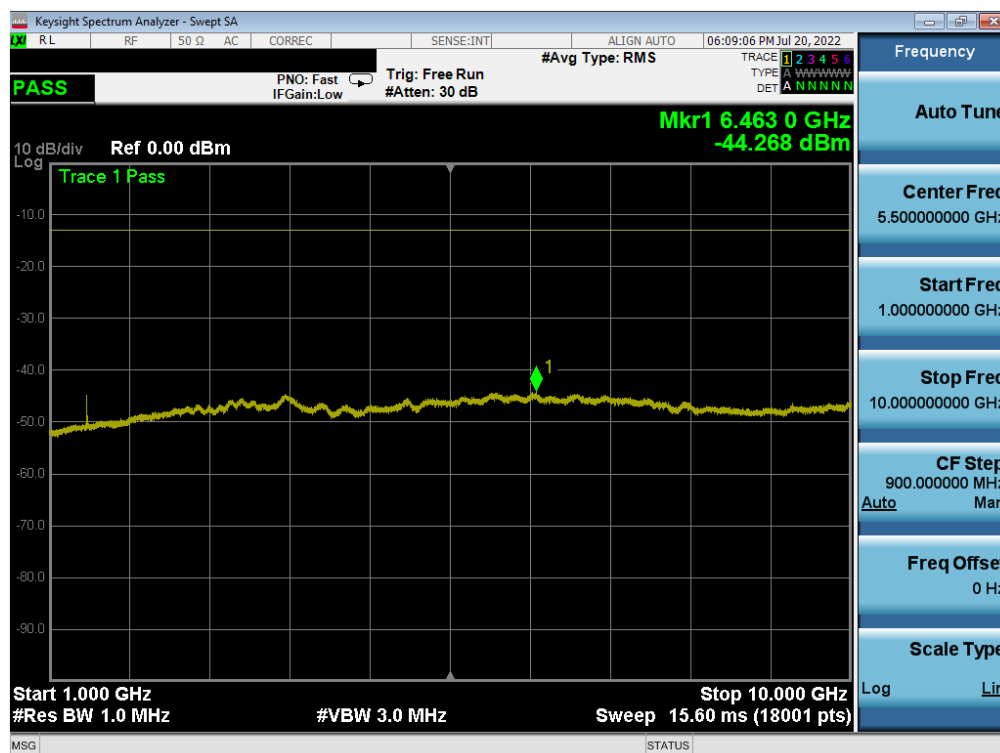


Plot 7-170. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-171. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

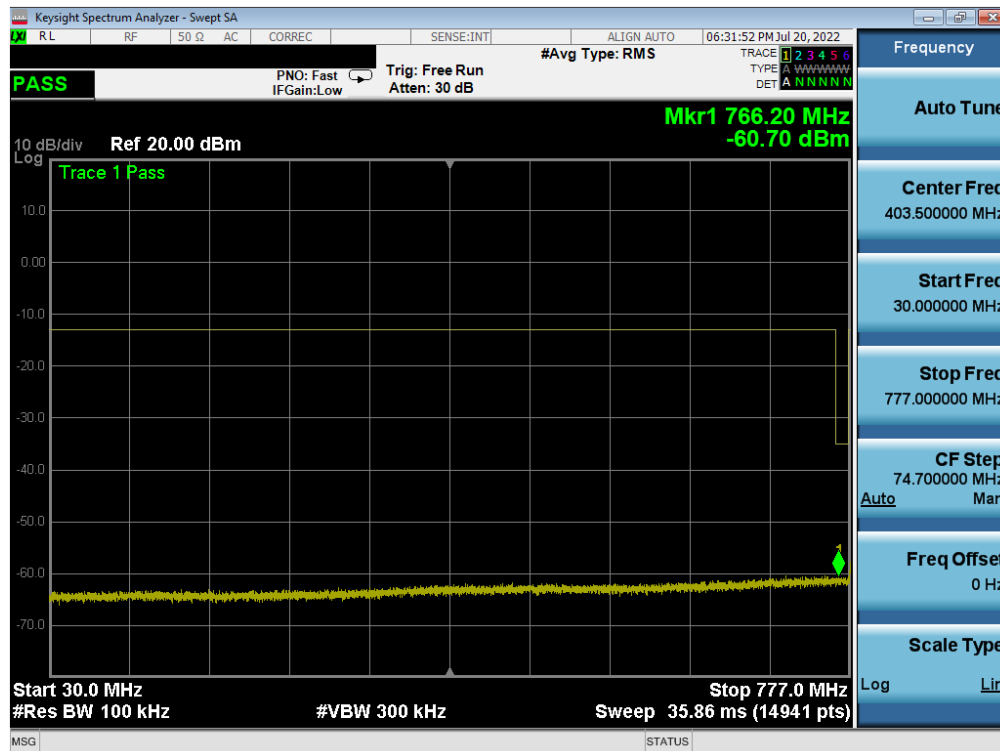
|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | PART 27 MEASUREMENT REPORT           |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 107 of 334                   |



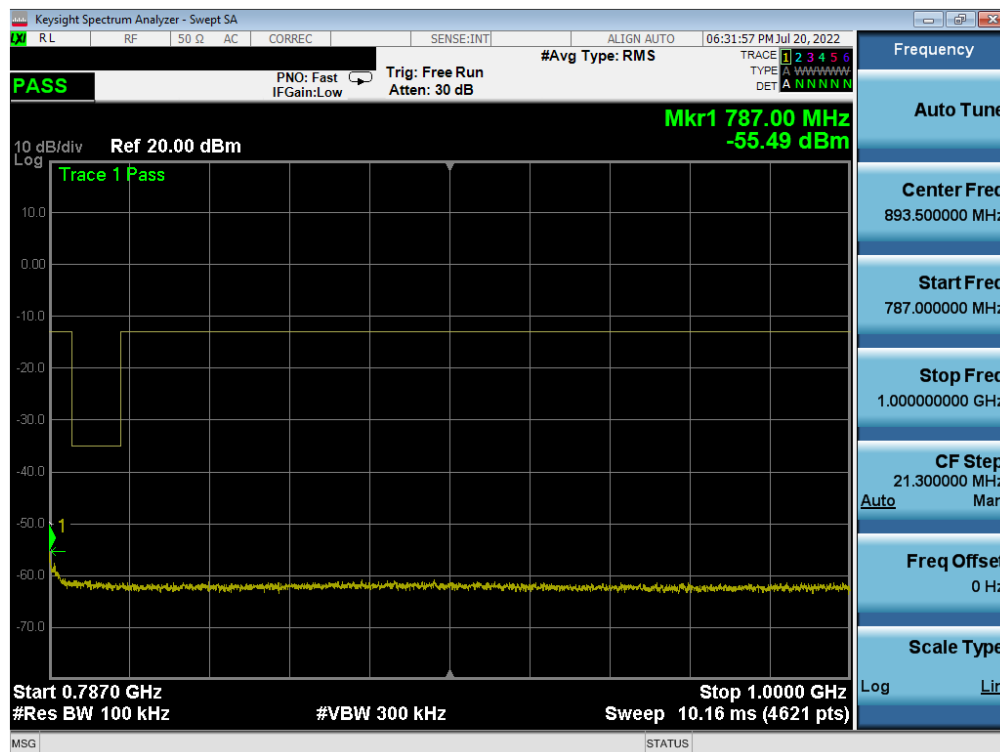
Plot 7-172. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                                                                                                |                            |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device | Page 108 of 334                   |

## LTE Band 13

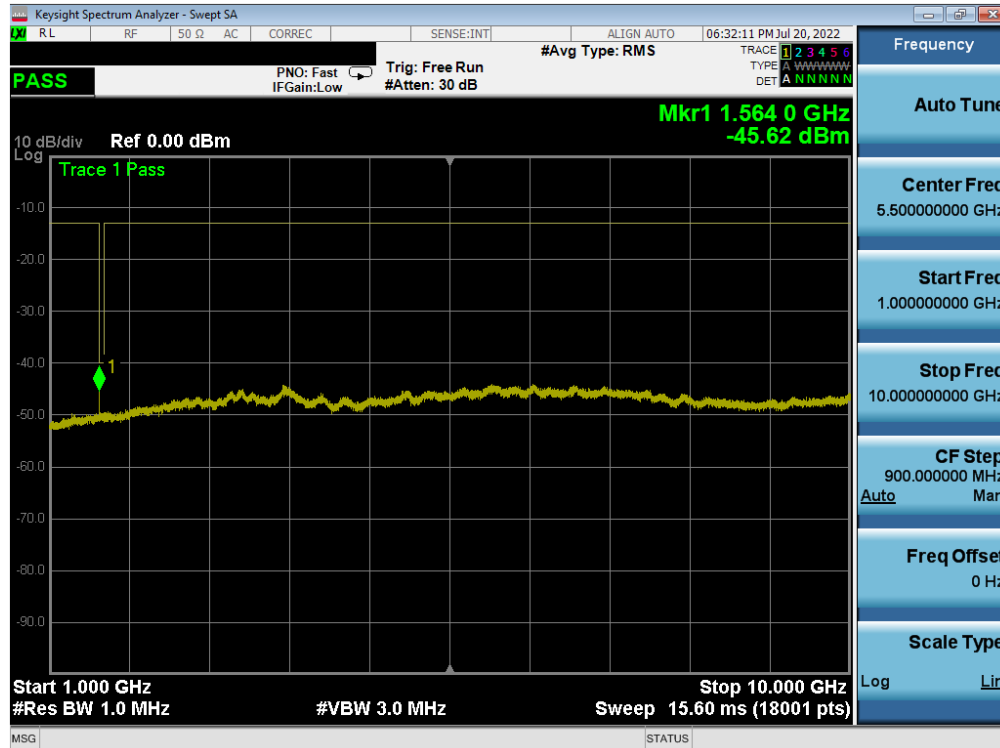


Plot 7-173. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)



Plot 7-174. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

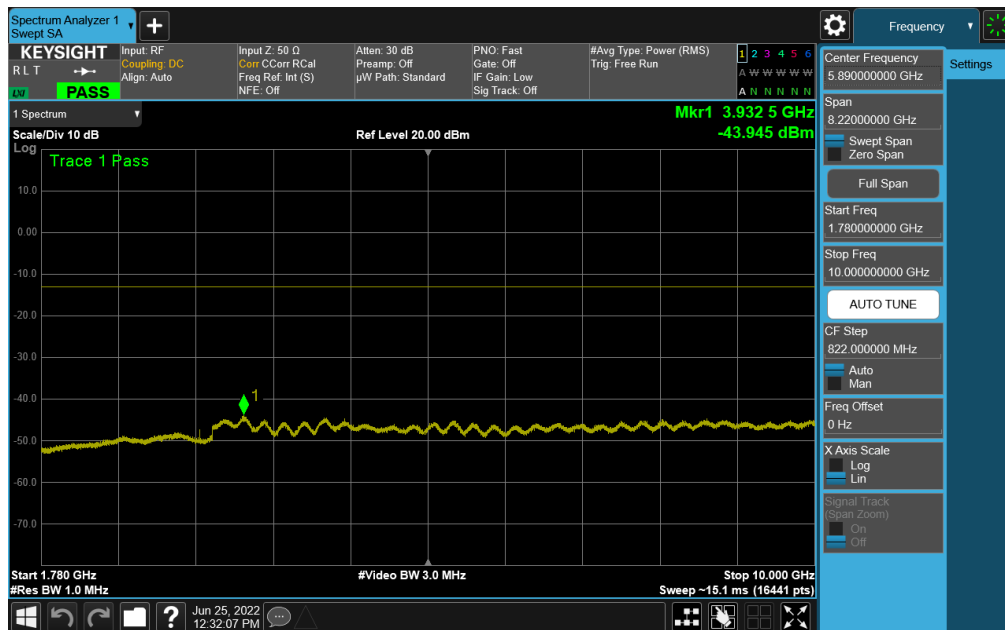
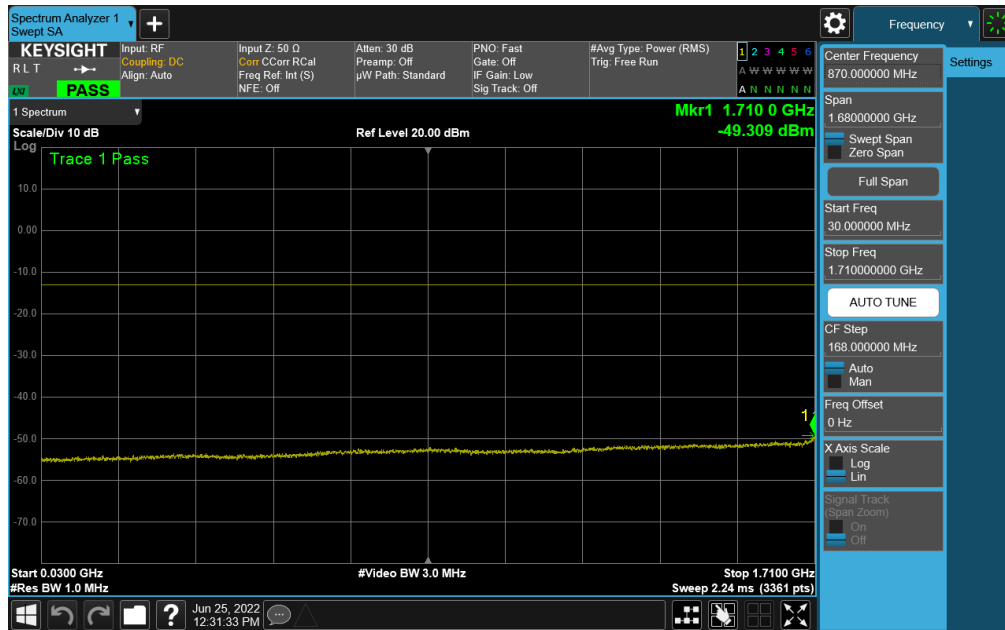
|                                         |                                                                                                                |                            |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device | Page 109 of 334                   |



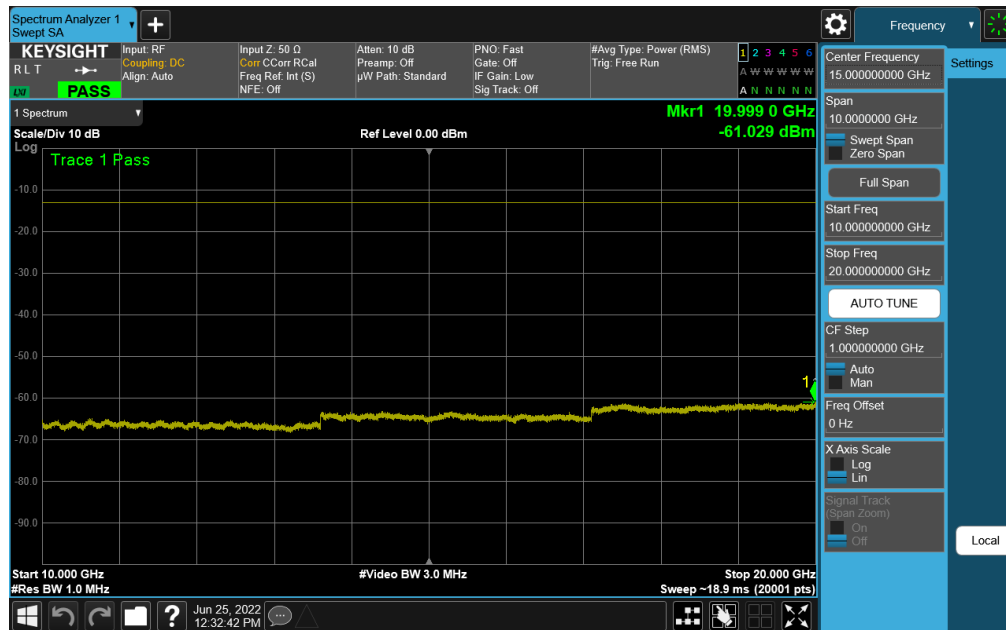
Plot 7-175. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | PART 27 MEASUREMENT REPORT           |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 110 of 334                   |

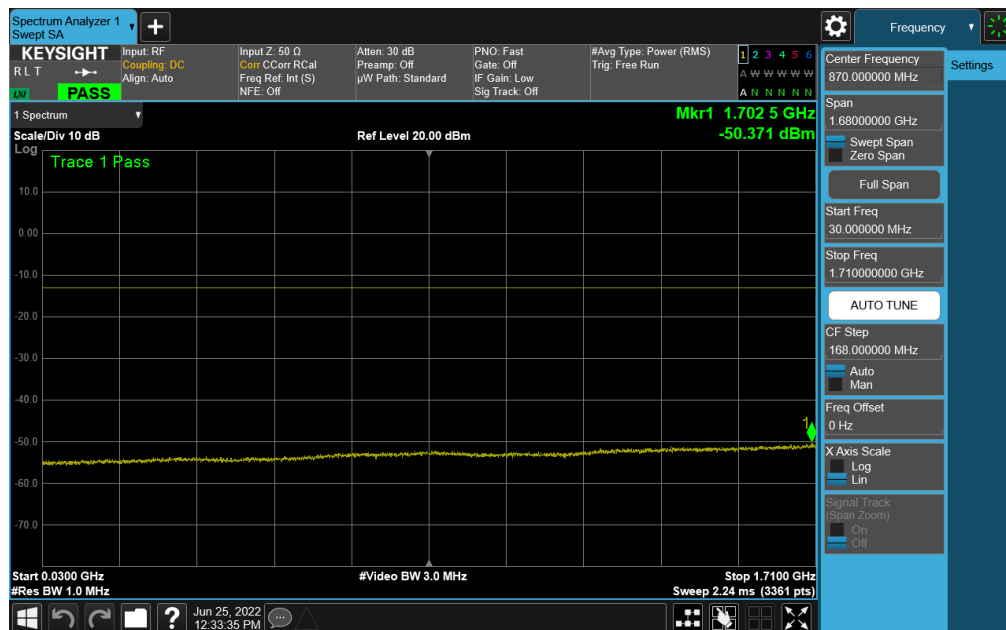
## NR Band n66



|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | PART 27 MEASUREMENT REPORT           |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 111 of 334                   |

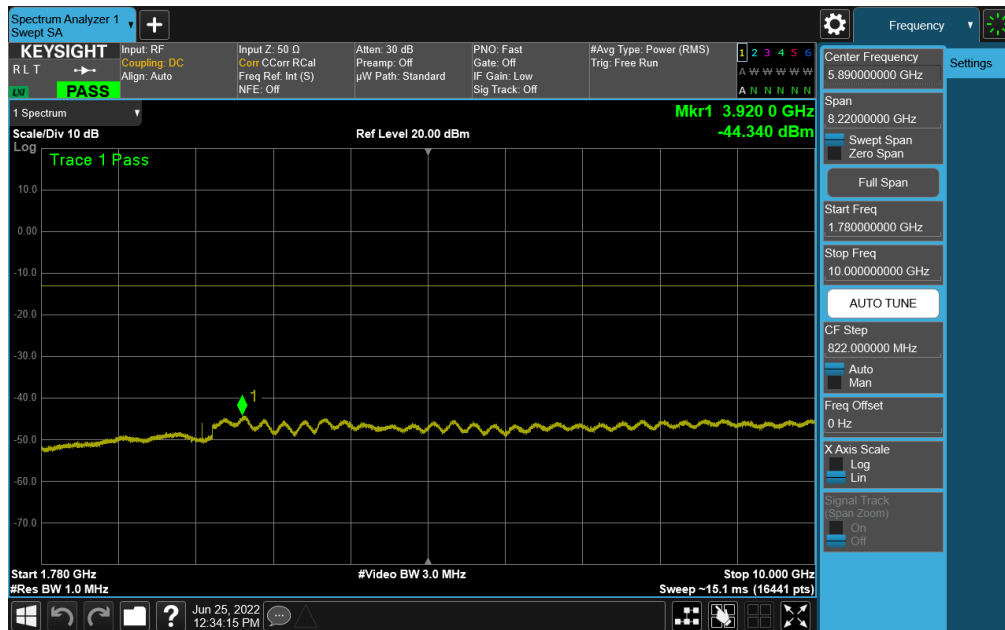


Plot 7-178. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

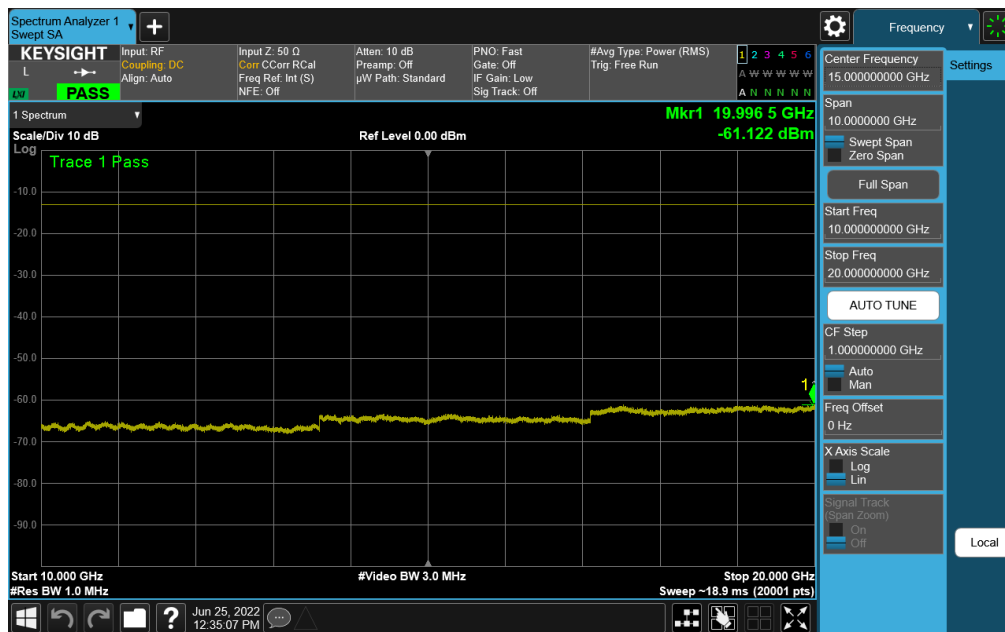


Plot 7-179. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 112 of 334                   |

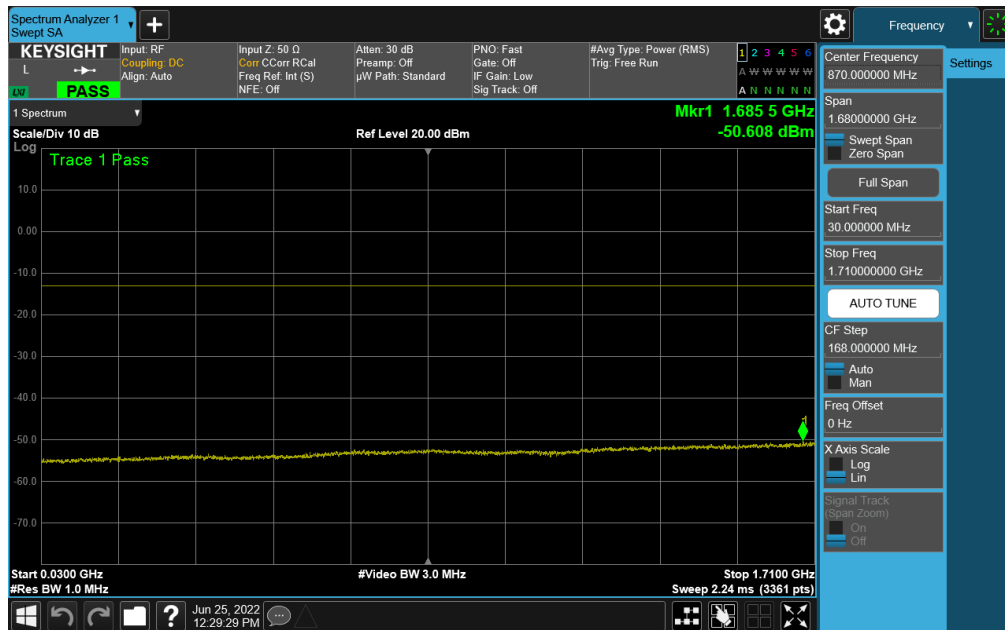


Plot 7-180. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

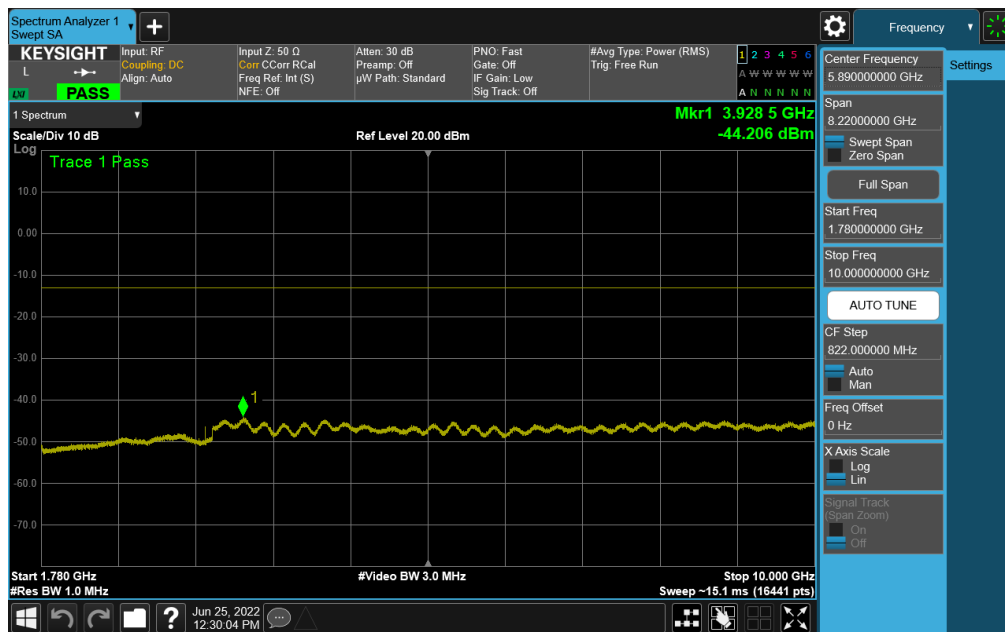


Plot 7-181. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 113 of 334                   |

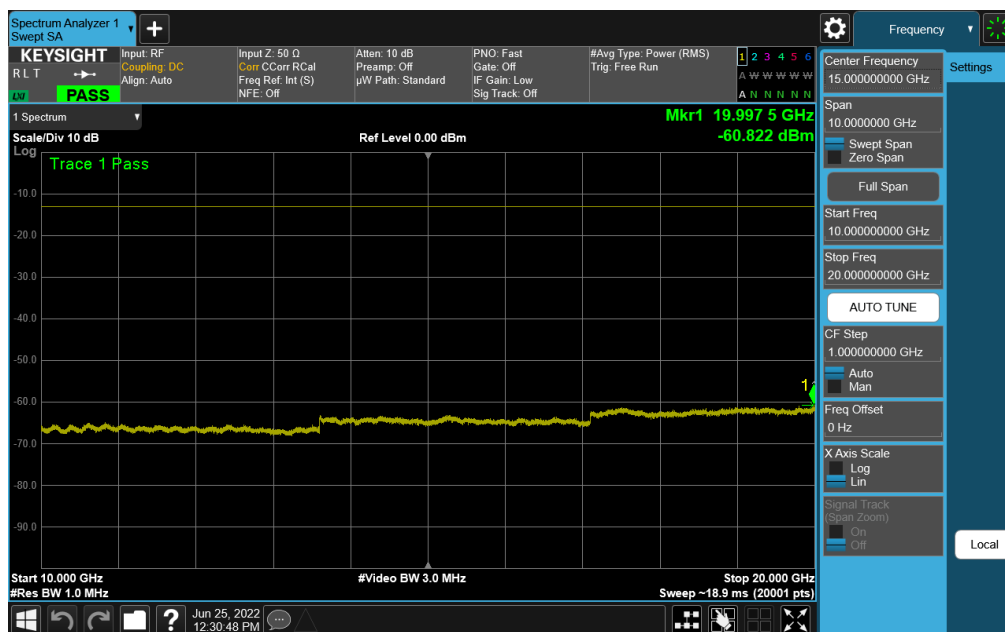


Plot 7-182. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-183. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

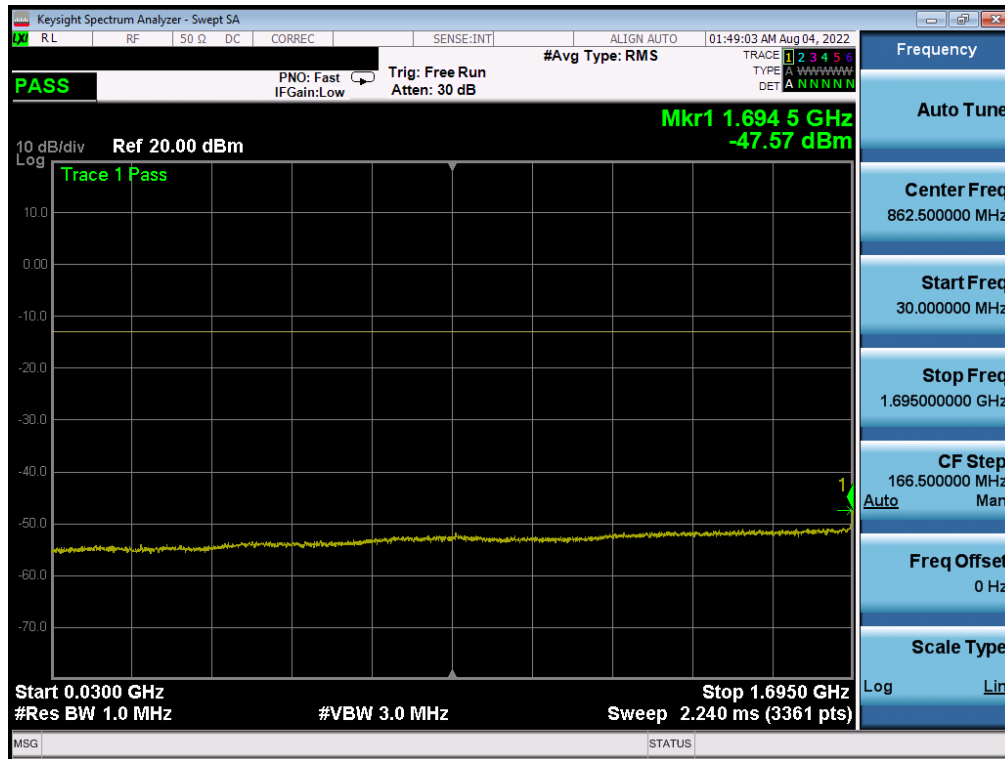
|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 114 of 334                   |



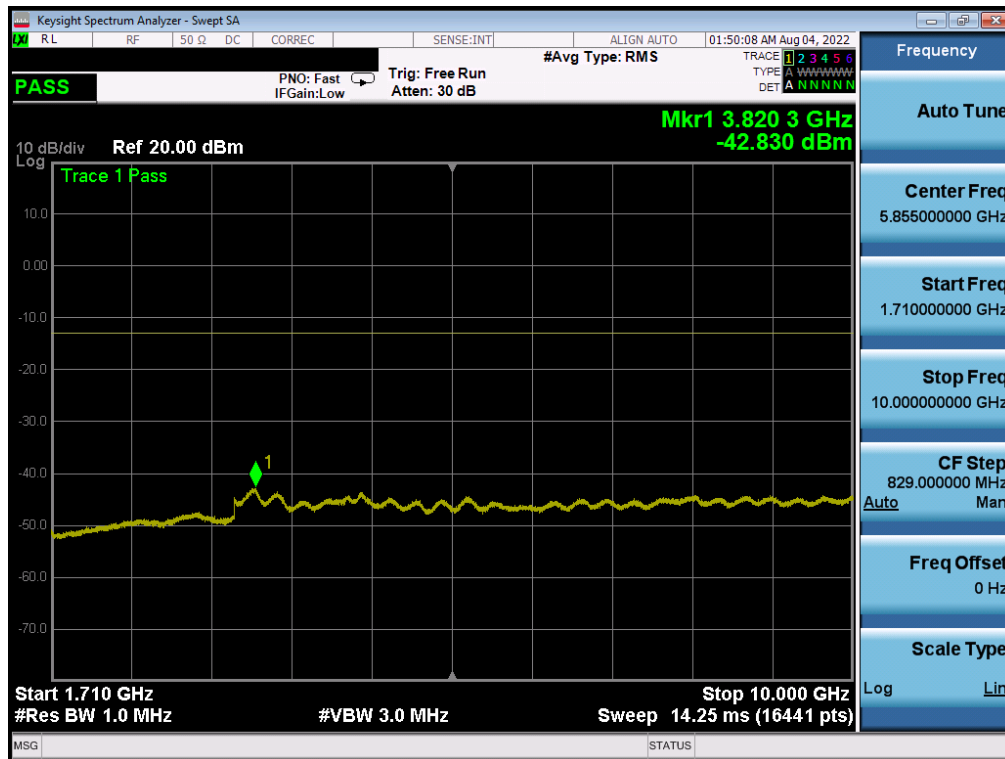
Plot 7-184. Conducted Spurious Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 115 of 334                   |

## NR Band n70

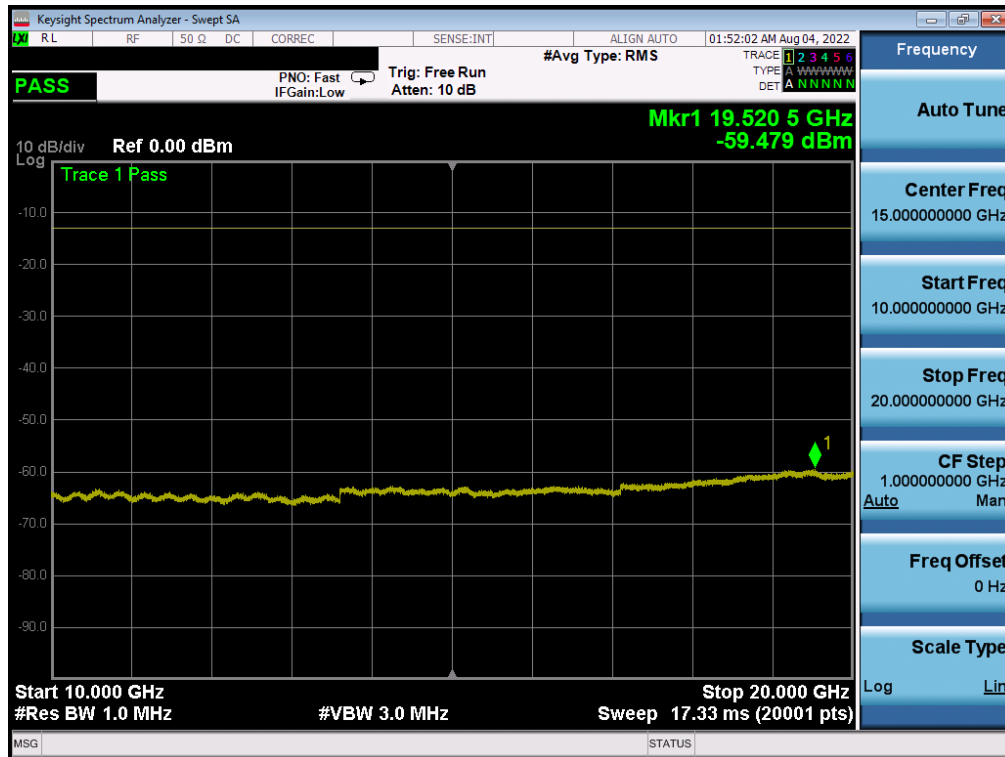


Plot 7-185. Conducted Spurious Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

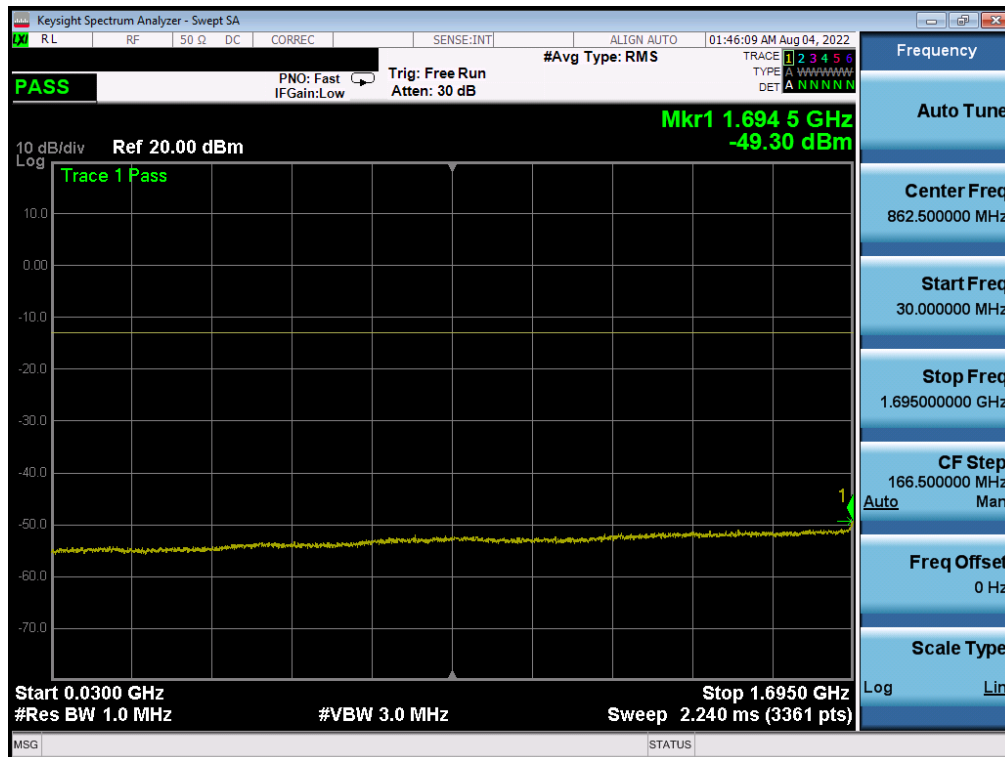


Plot 7-186. Conducted Spurious Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 116 of 334                   |

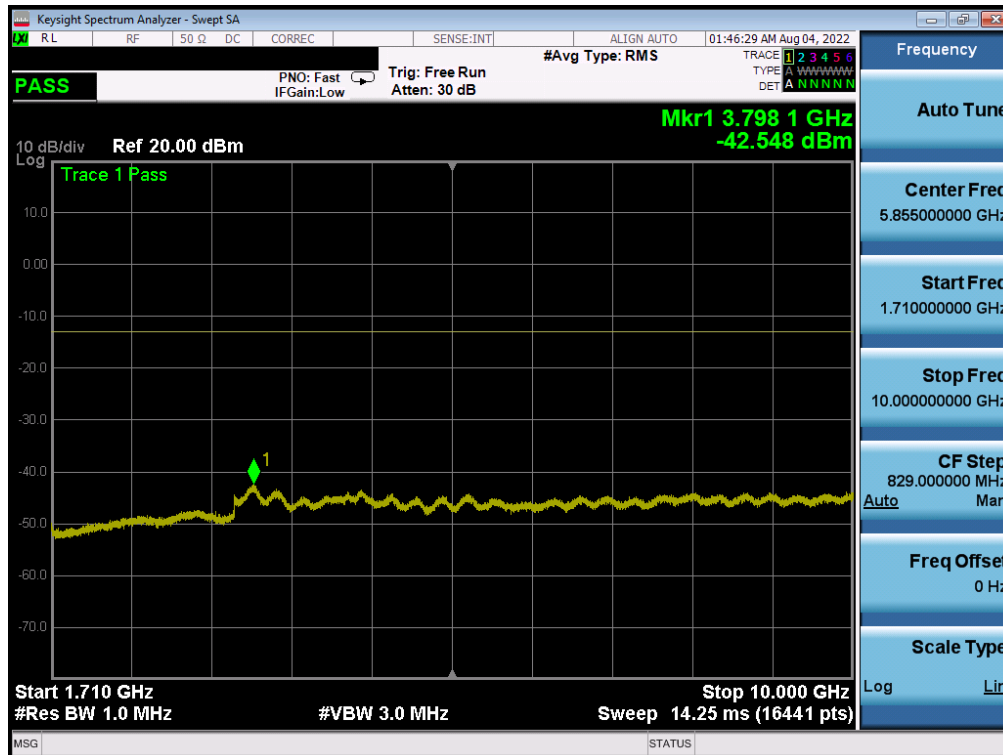


Plot 7-187. Conducted Spurious Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

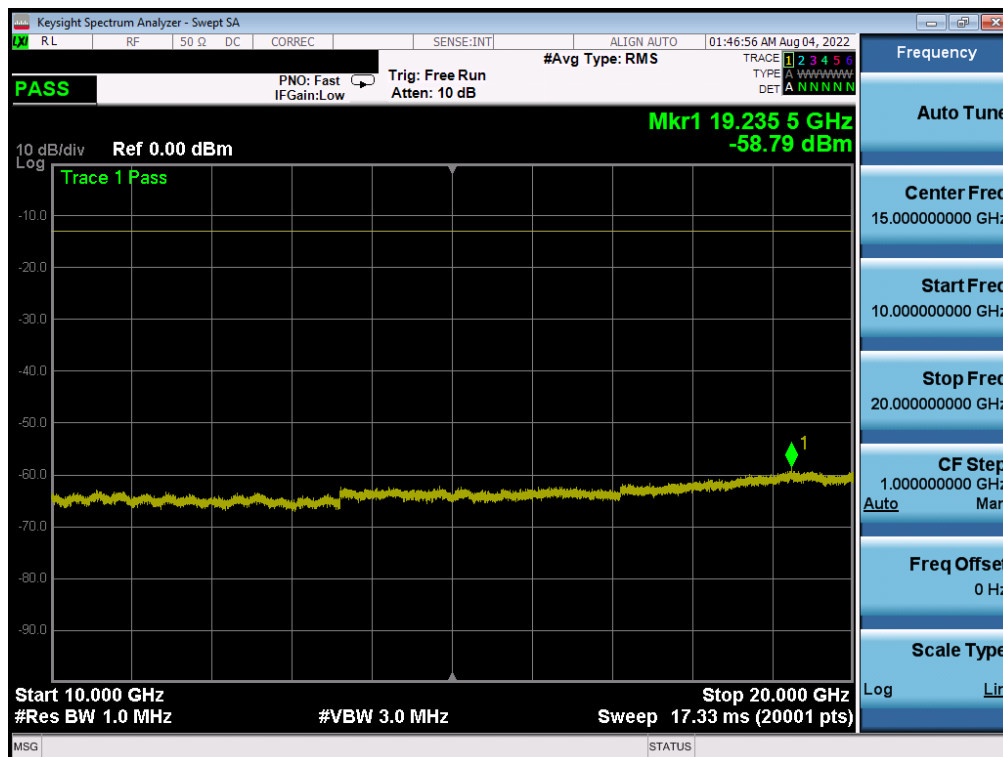


Plot 7-188. Conducted Spurious Plot (NR Band n70 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 117 of 334                   |

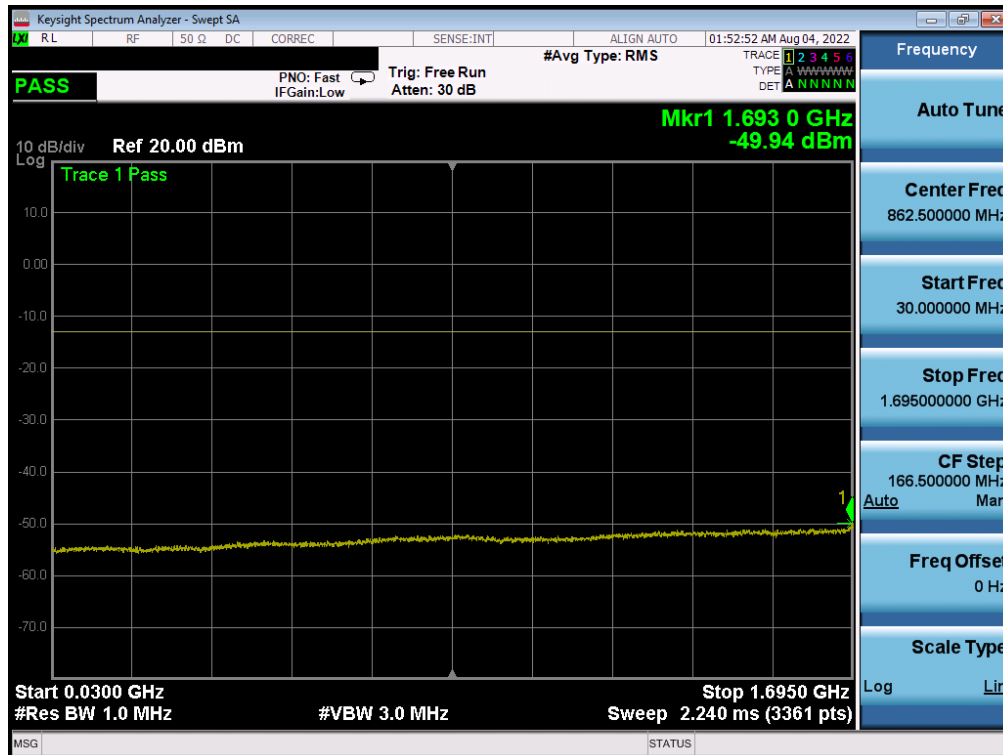


Plot 7-189. Conducted Spurious Plot (NR Band n70 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

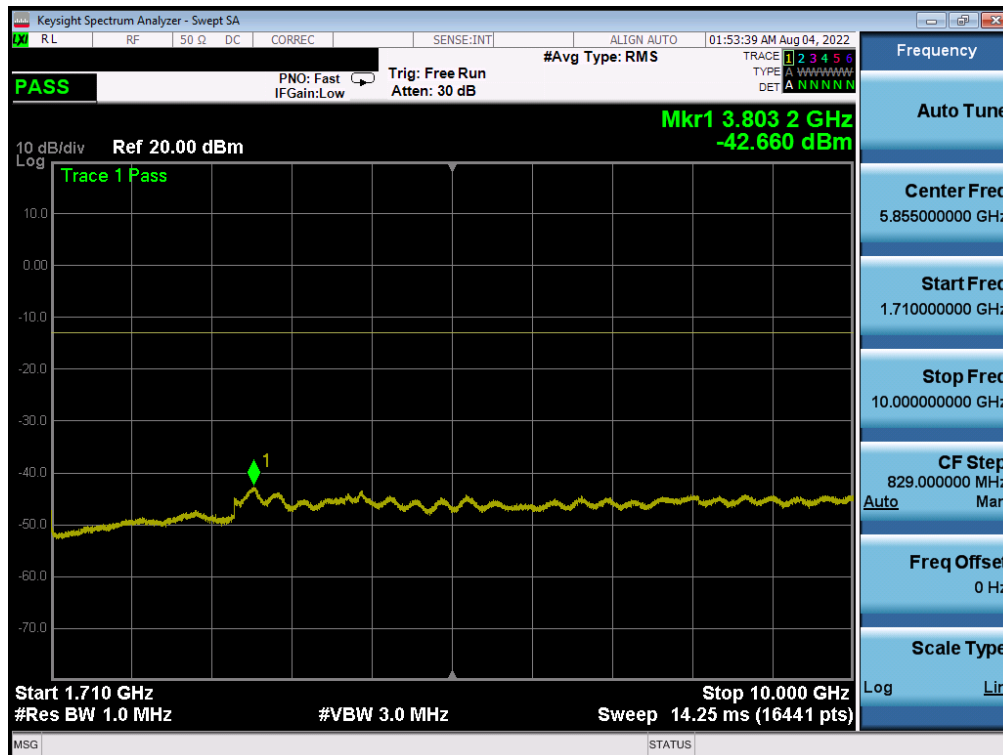


Plot 7-190. Conducted Spurious Plot (NR Band n70 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | PART 27 MEASUREMENT REPORT           |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 118 of 334                   |

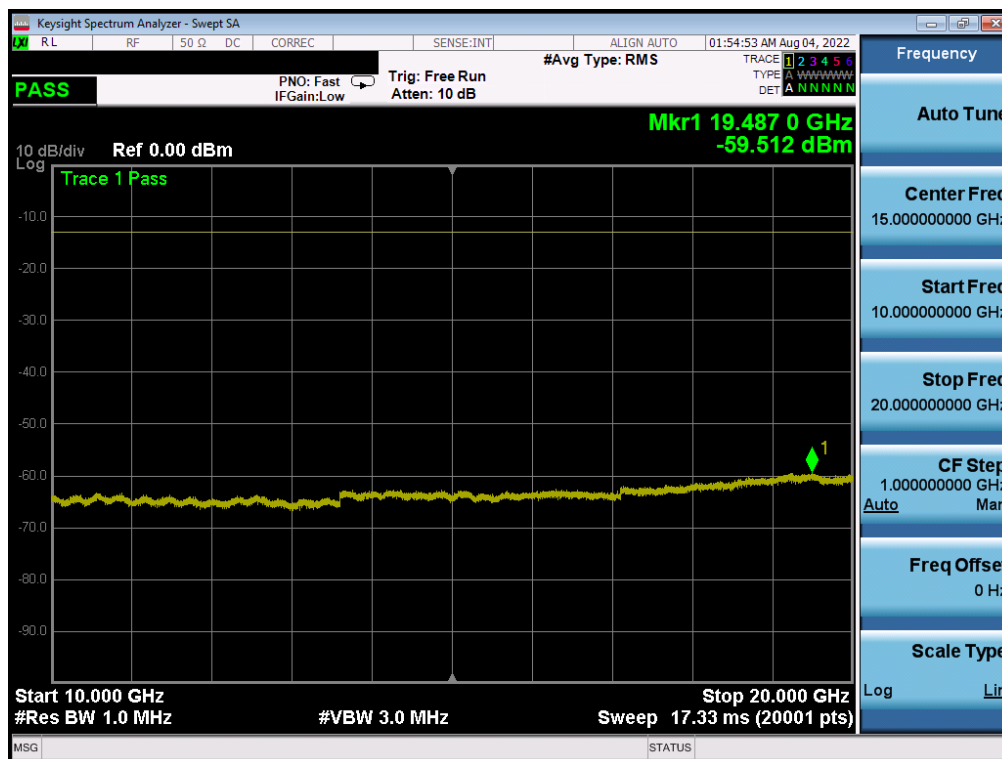


Plot 7-191. Conducted Spurious Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)



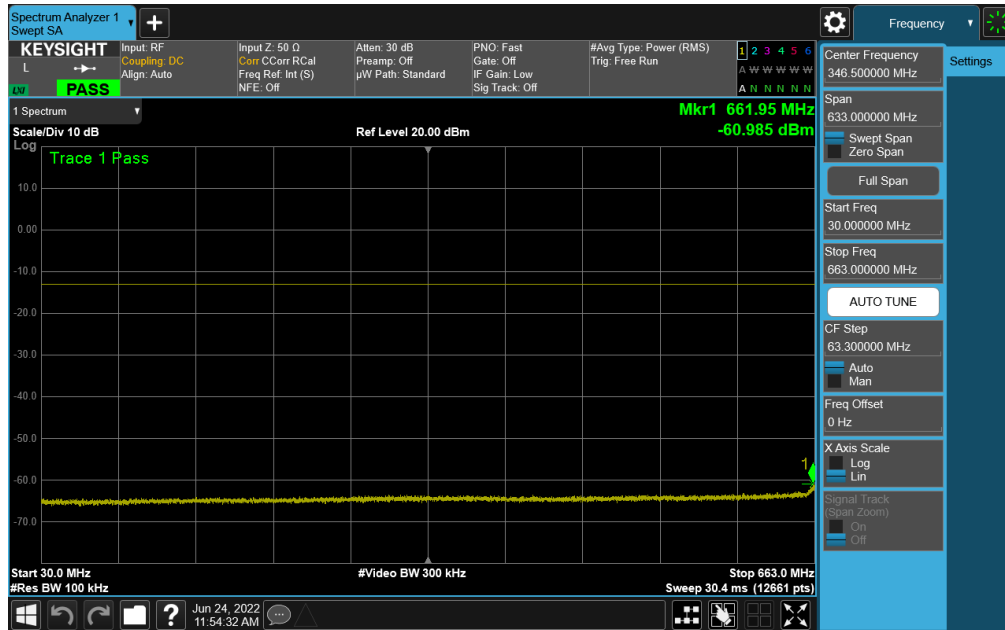
Plot 7-192. Conducted Spurious Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 119 of 334                   |

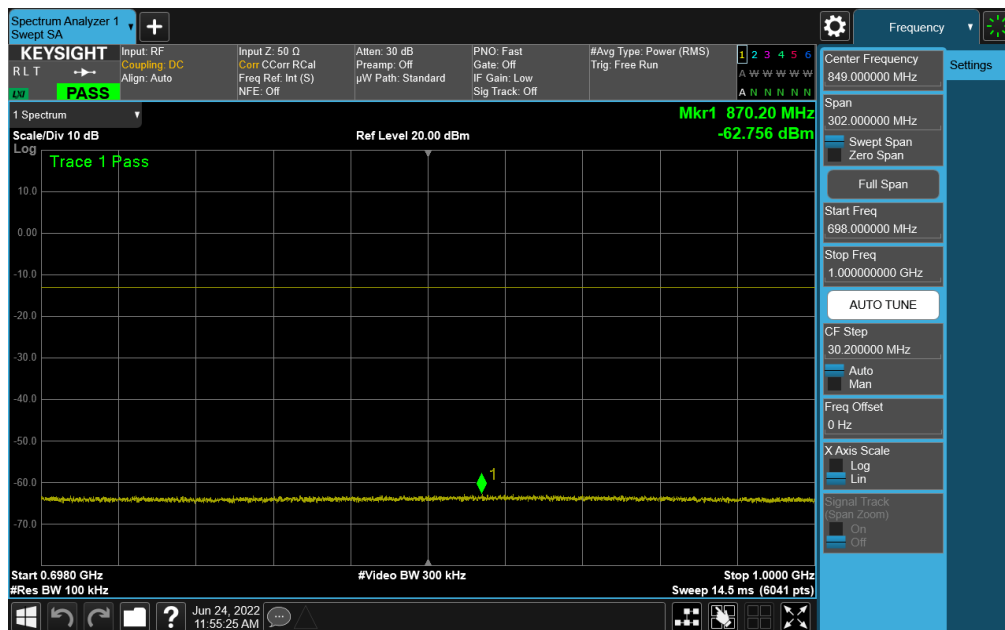


Plot 7-193. Conducted Spurious Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | PART 27 MEASUREMENT REPORT           |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 120 of 334                   |

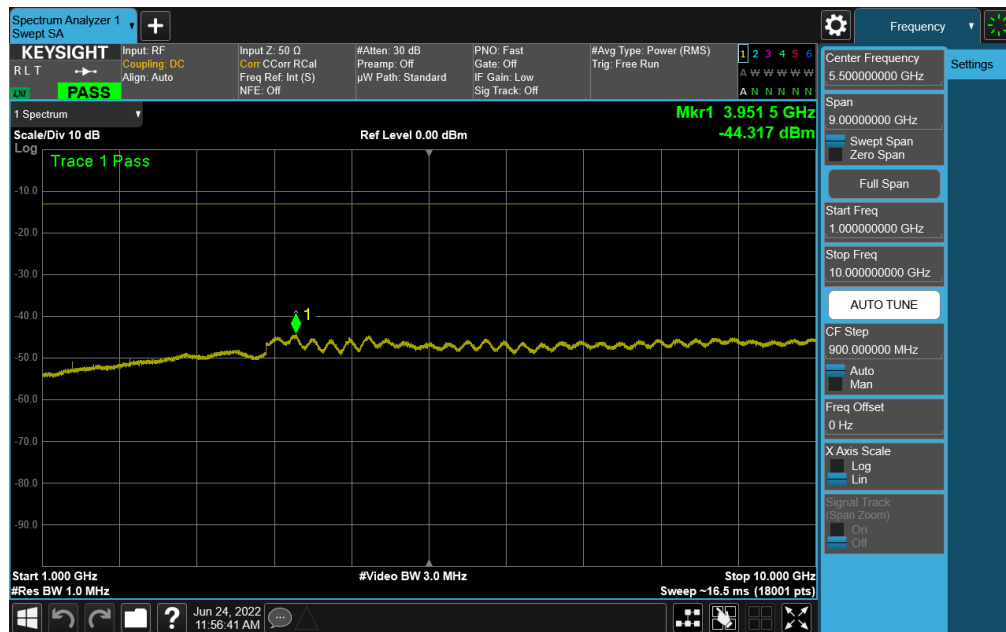


Plot 7-194. Conducted Spurious Plot (NR Band n71 -20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

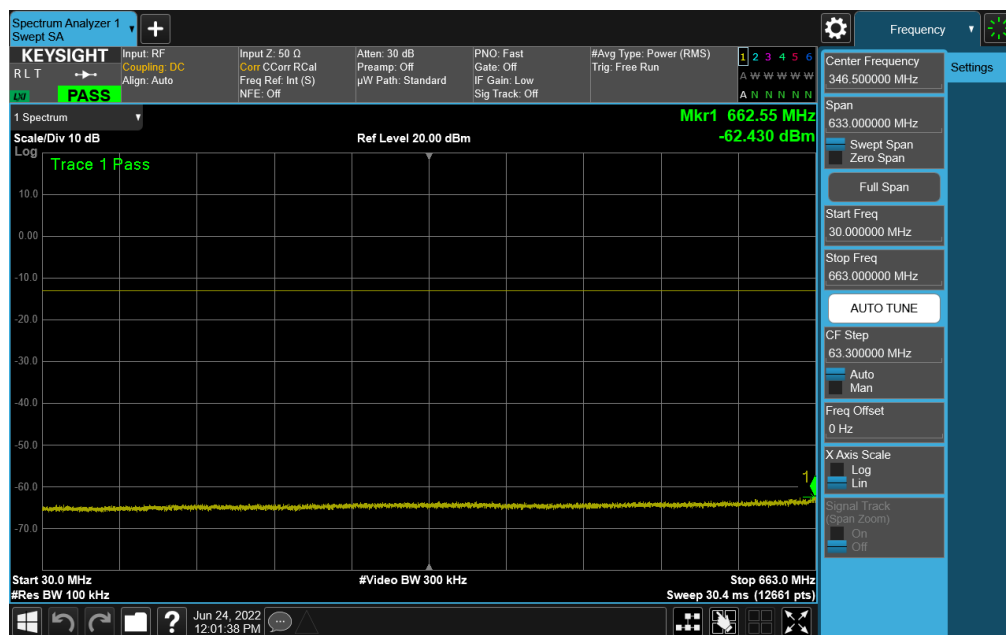


Plot 7-195. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 121 of 334                   |

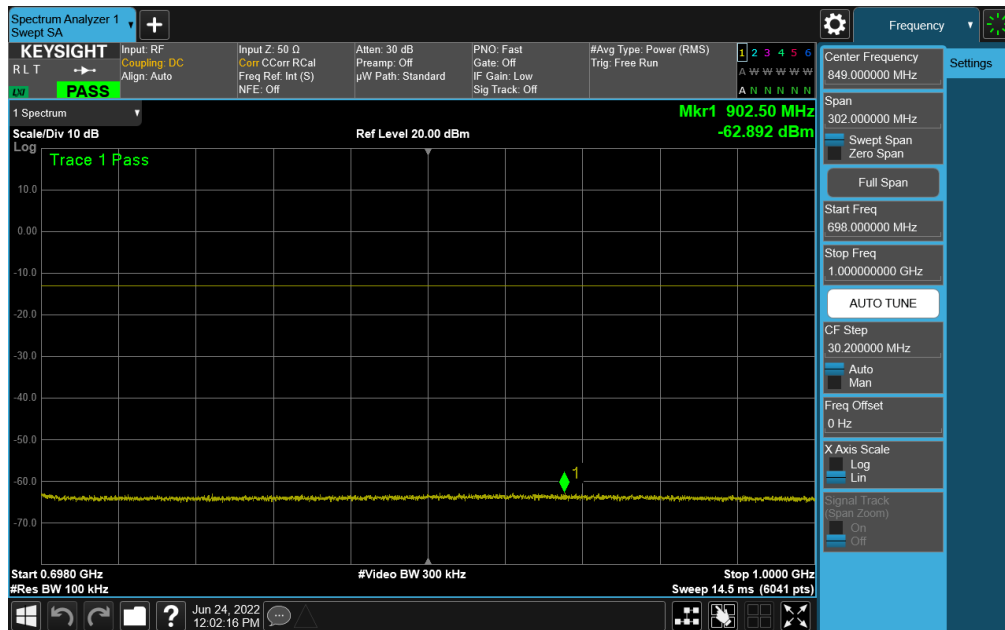


Plot 7-196. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

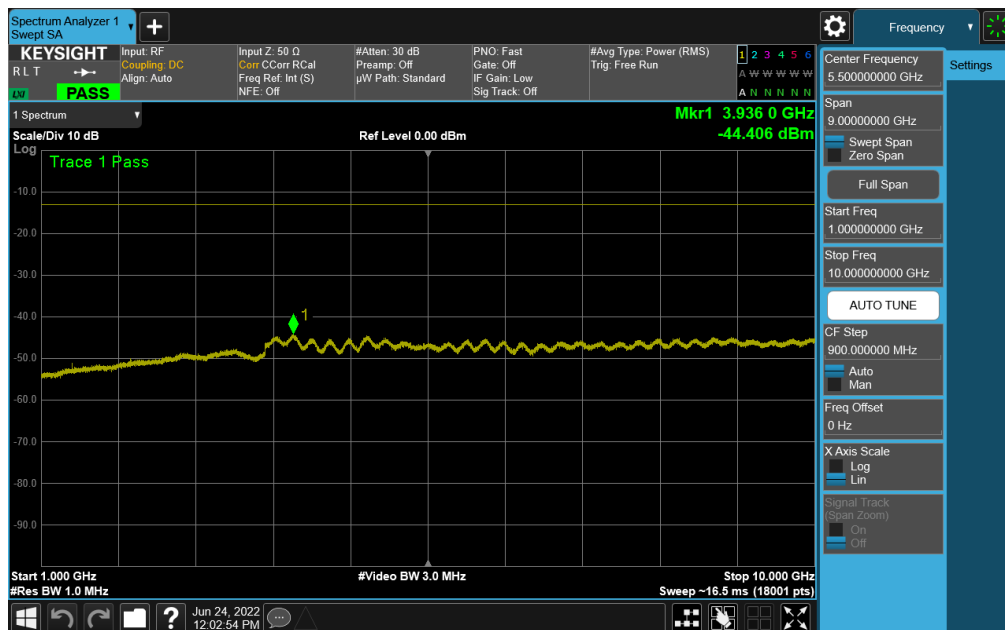


Plot 7-197. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                                  |                            |                                   |
|-----------------------------------------|--------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <p>element</p> <p>PART 27 MEASUREMENT REPORT</p> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022             | EUT Type:<br>Tablet Device | Page 122 of 334                   |

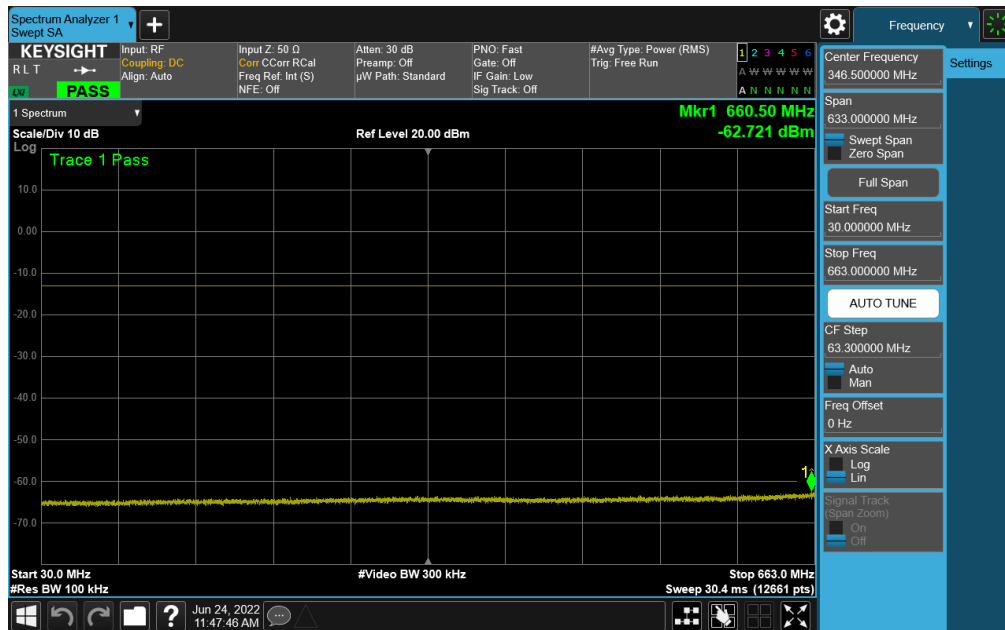


Plot 7-198. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

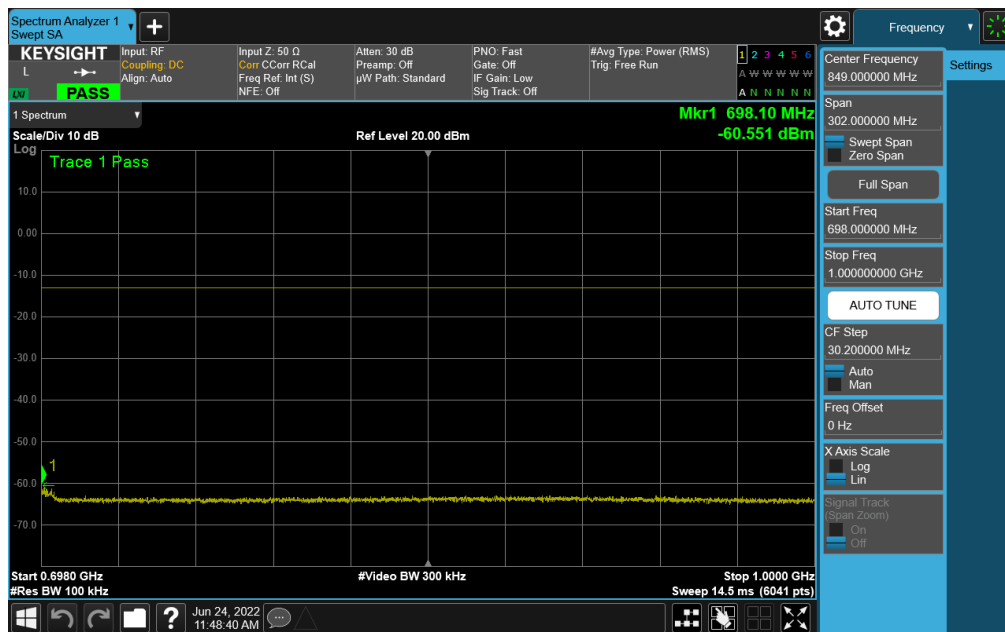


Plot 7-199. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 123 of 334                   |

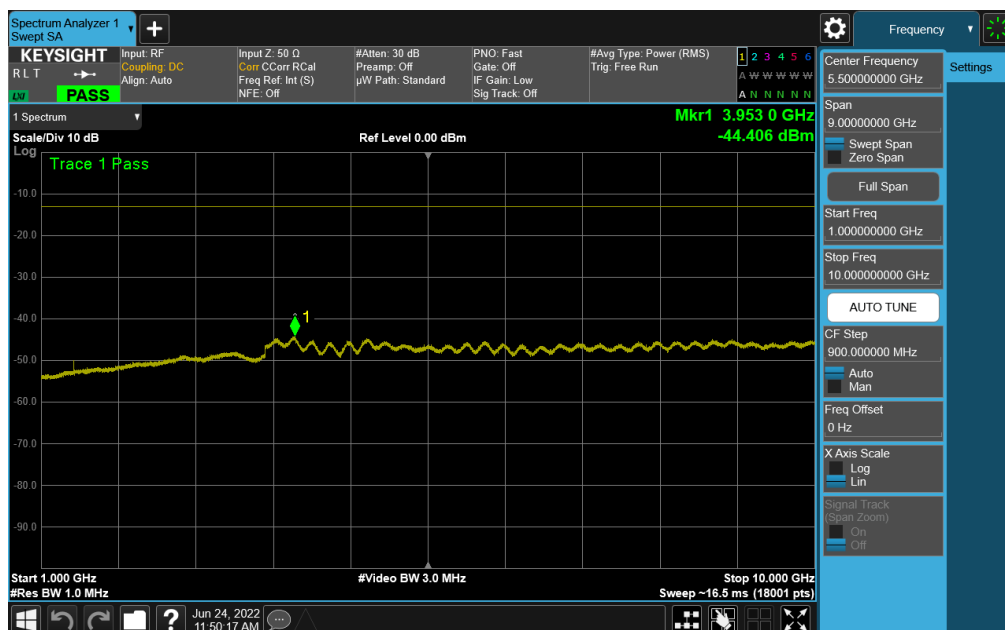


Plot 7-200. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-201. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

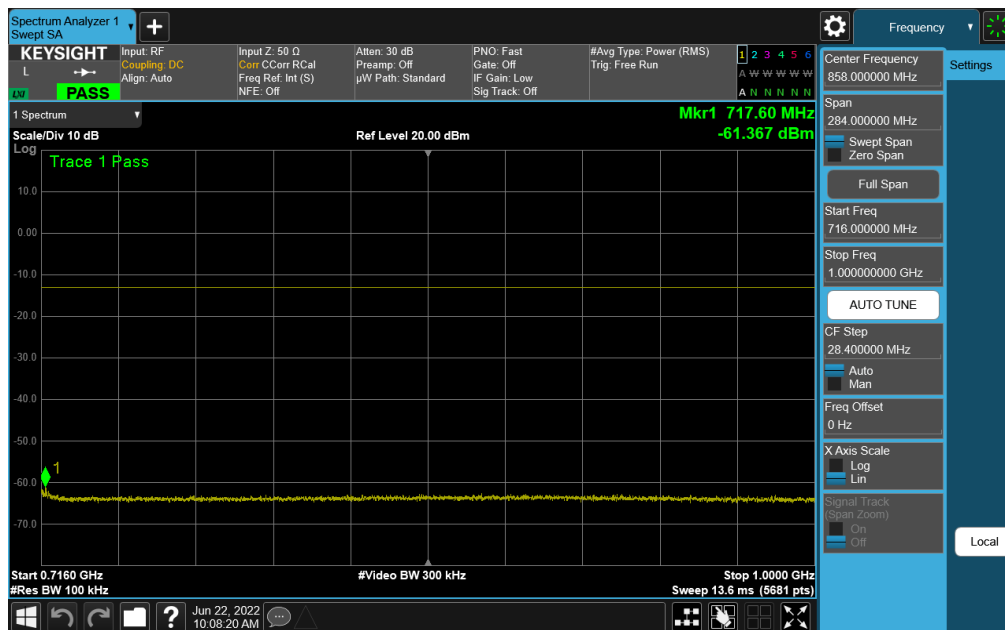
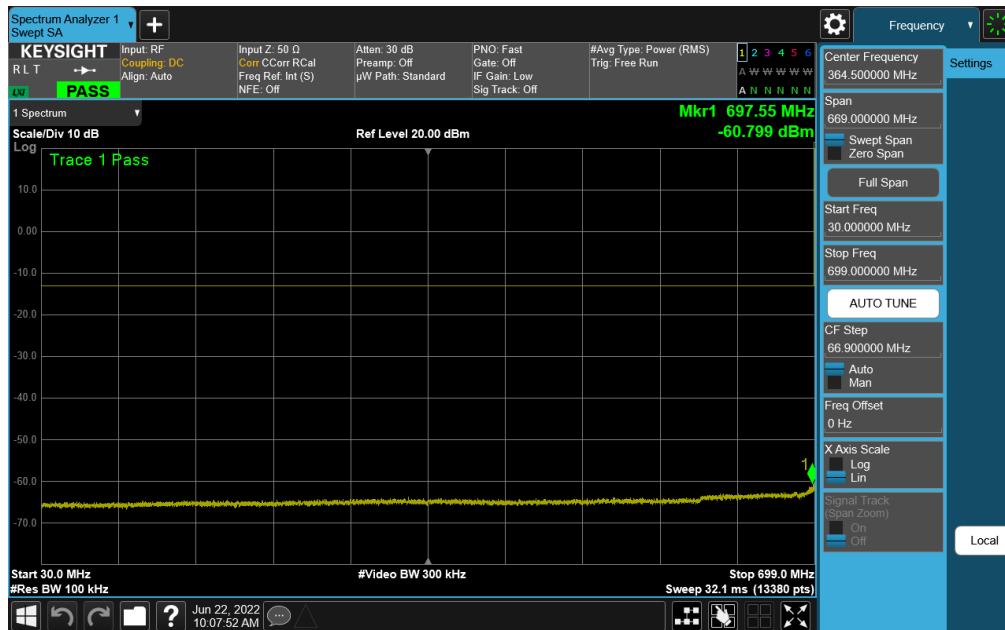
|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 124 of 334                   |



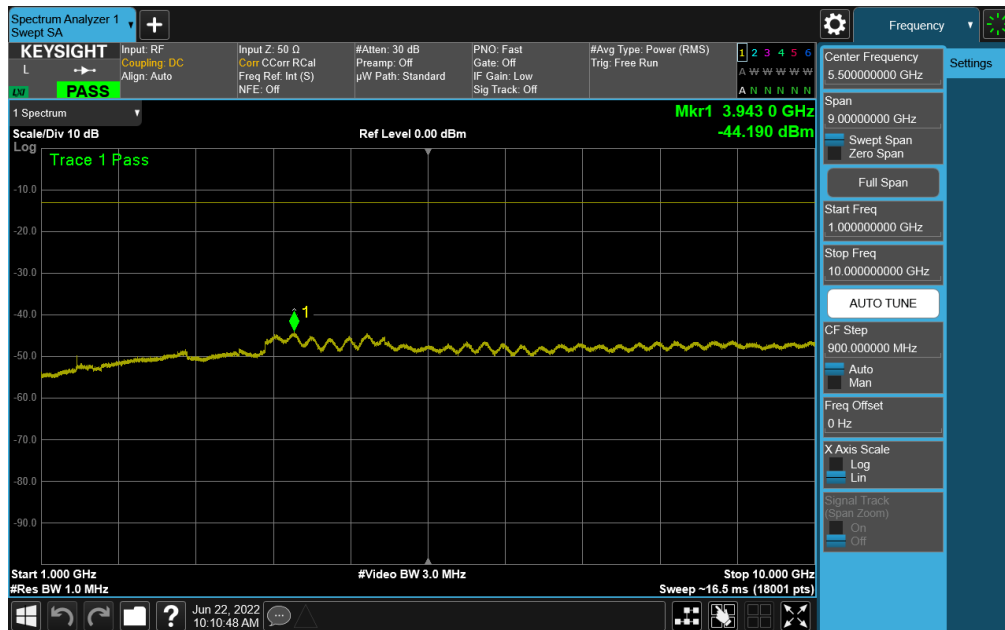
Plot 7-202. Conducted Spurious Plot (NR Band n71 - 20.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 125 of 334                   |

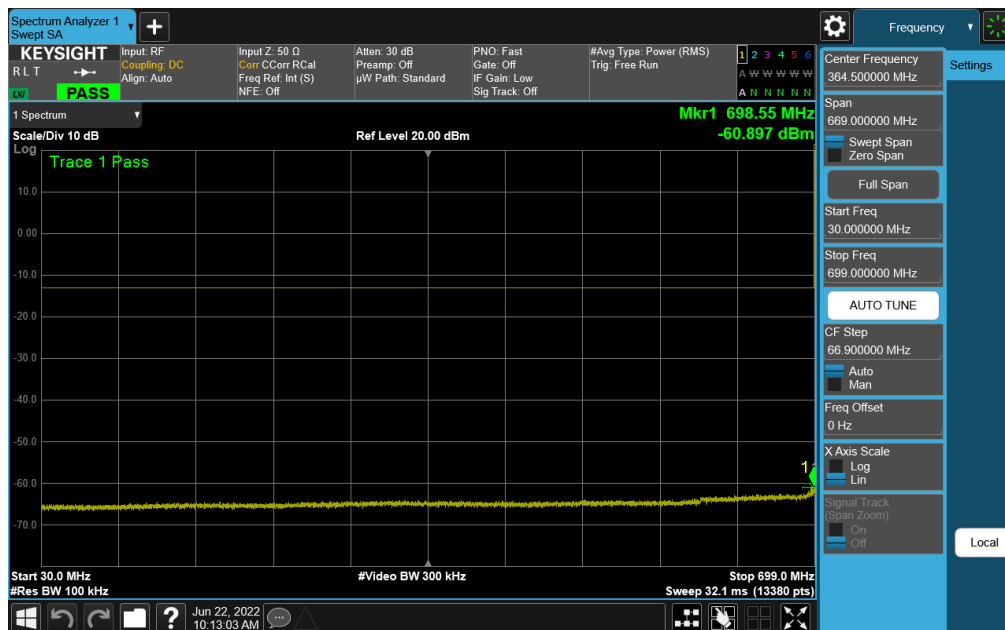
## NR Band n12



|                                         |                                                                                                                       |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  <b>PART 27 MEASUREMENT REPORT</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                  | EUT Type:<br>Tablet Device | Page 126 of 334                   |

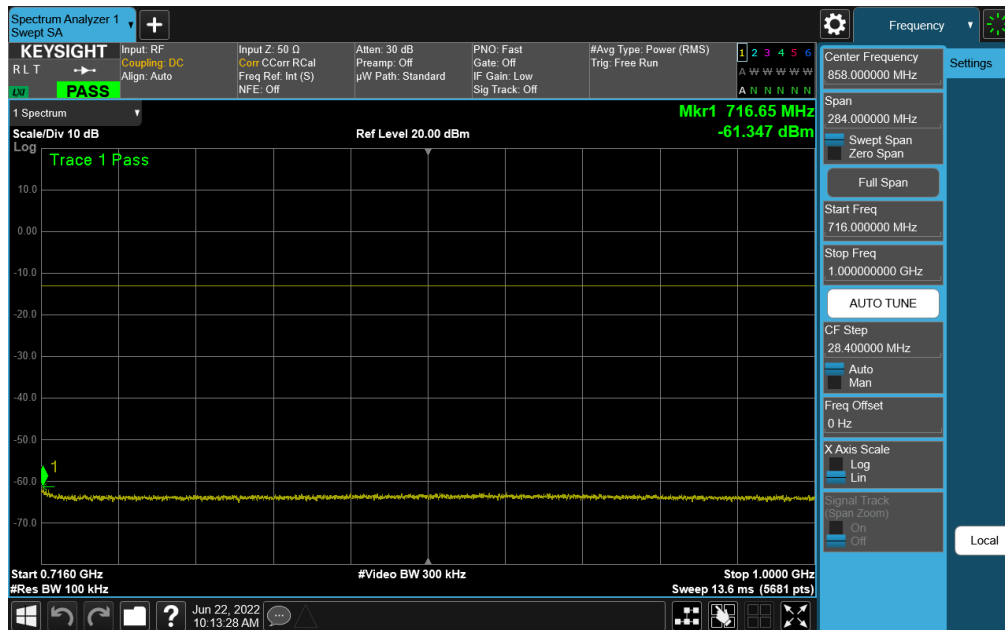


Plot 7-205. Conducted Spurious Plot (NR Band n12 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Low Channel)

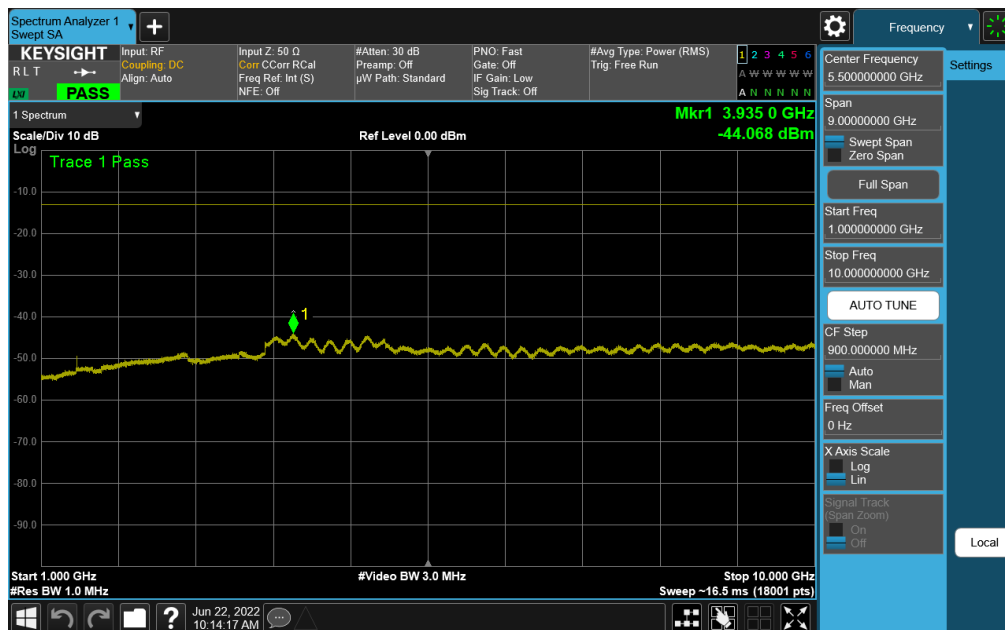


Plot 7-206. Conducted Spurious Plot (NR Band n12 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | element                              | PART 27 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 127 of 334                   |

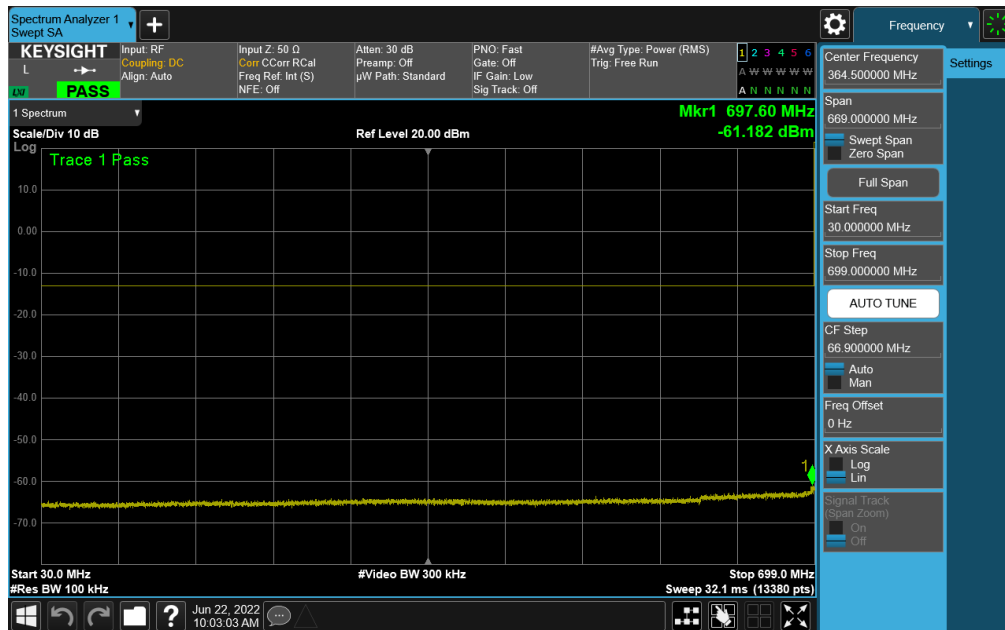


Plot 7-207. Conducted Spurious Plot (NR Band n12 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

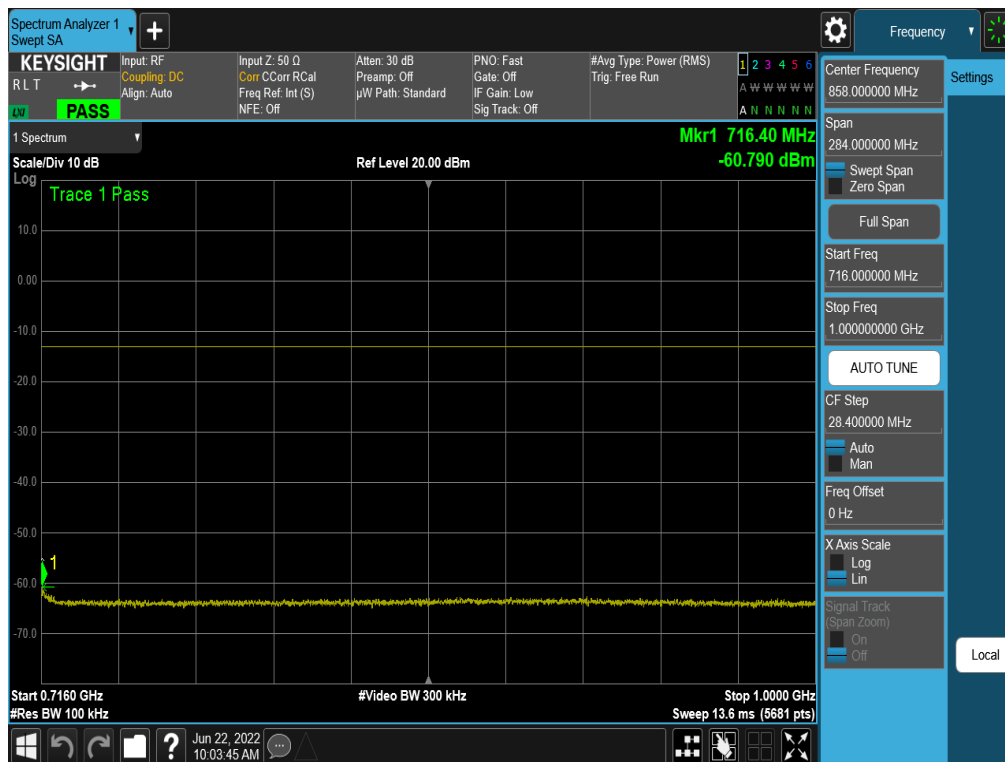


Plot 7-208. Conducted Spurious Plot (NR Band n12 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                                                                                                |                            |                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        |  PART 27 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                           | EUT Type:<br>Tablet Device | Page 128 of 334                   |



Plot 7-209. Conducted Spurious Plot (NR Band n12 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-210. Conducted Spurious Plot (NR Band n12 - 15.0MHz DFT-s-OFDM QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                      |                            |                                   |
|-----------------------------------------|--------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2764                        | <b>PART 27 MEASUREMENT REPORT</b>    |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090028-03.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device | Page 129 of 334                   |