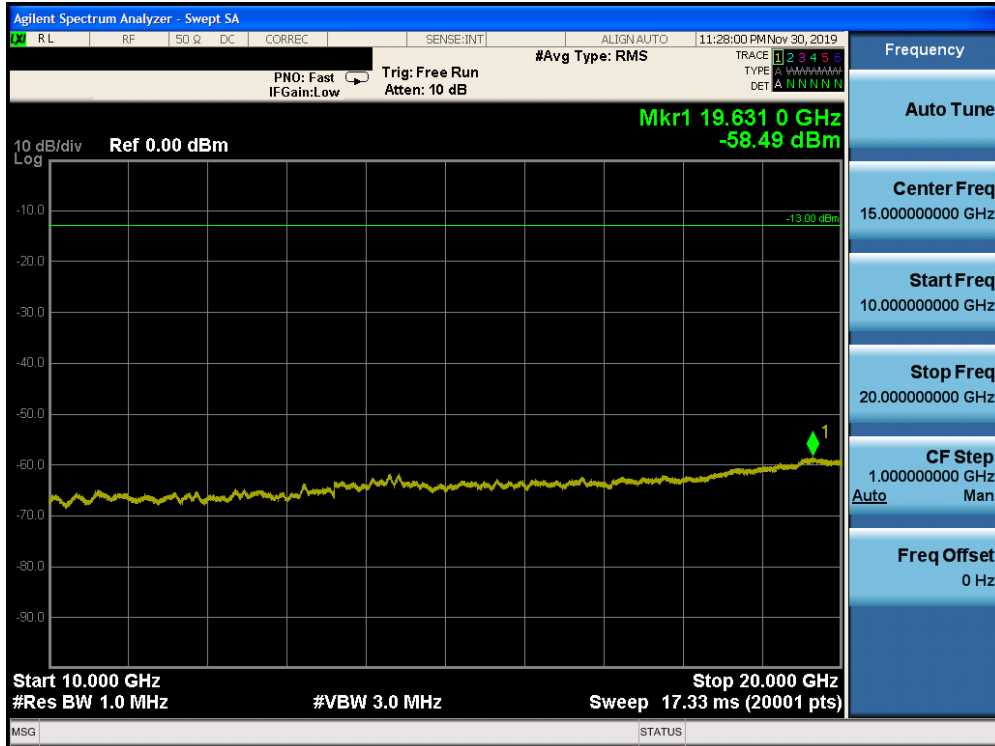
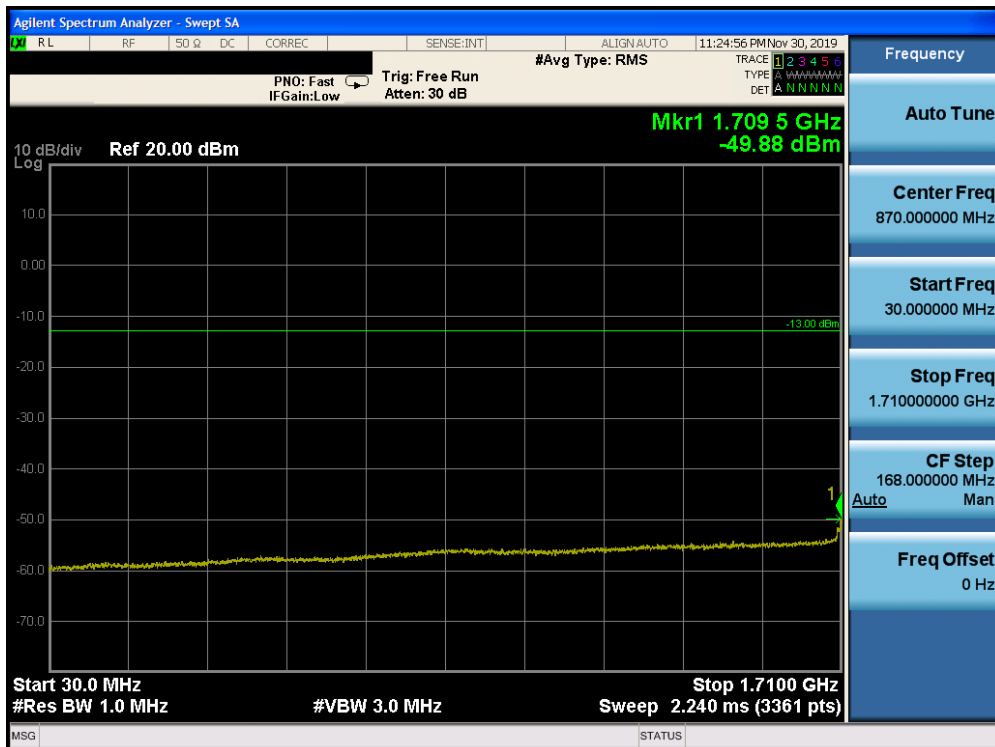
V 9.0 02/01/2019

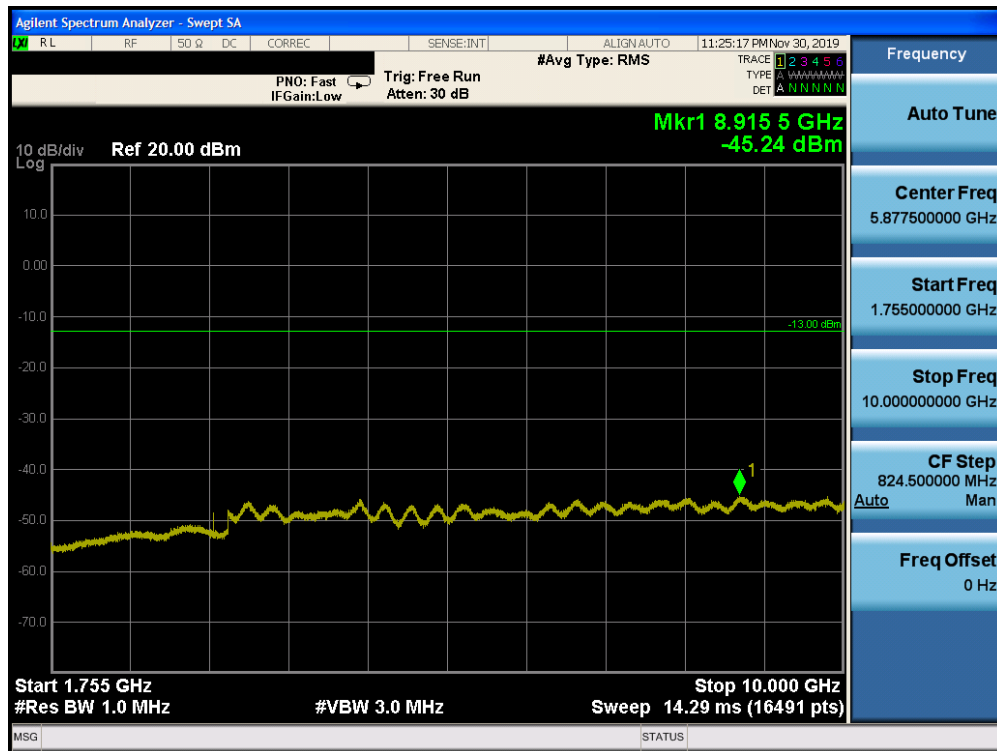


Plot 7-126. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

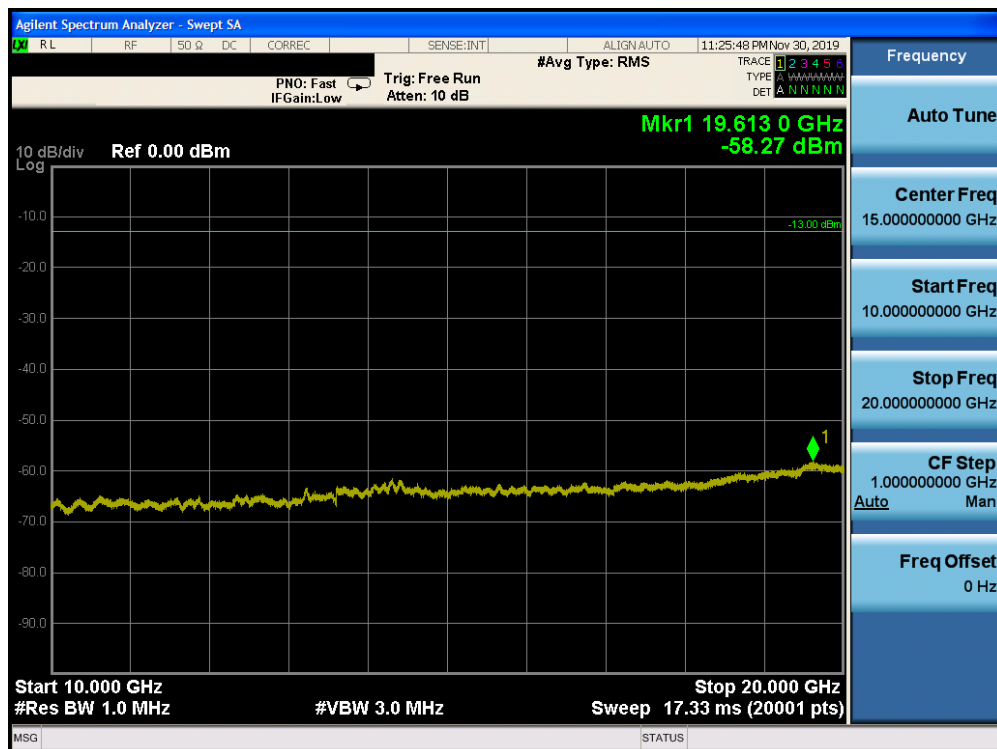


Plot 7-127. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 88 of 401

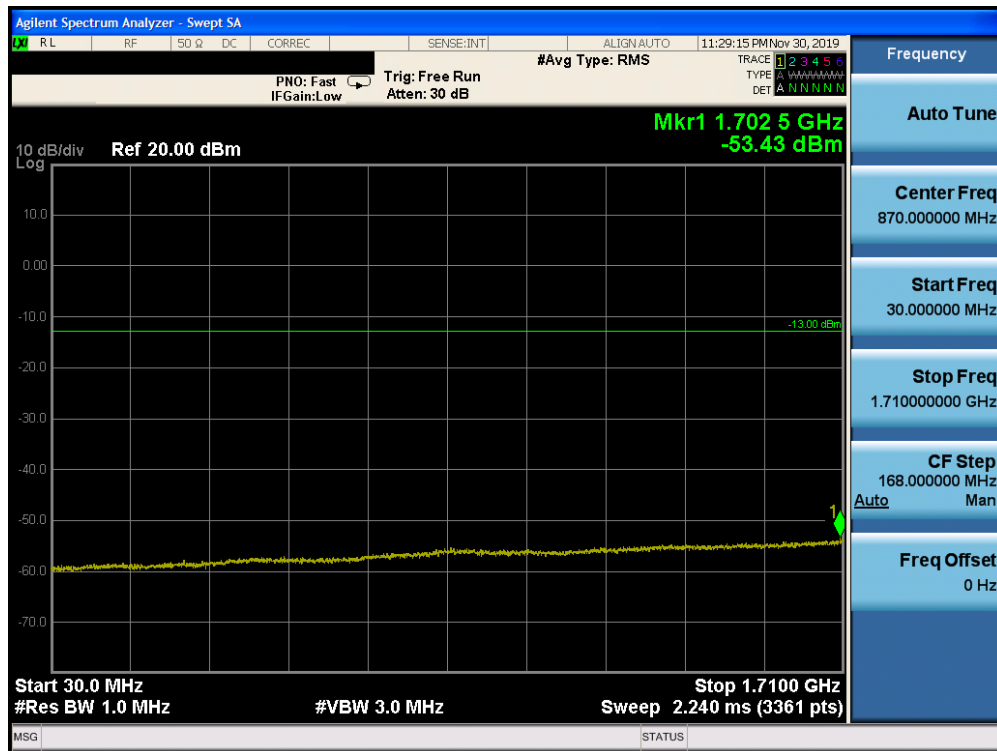


Plot 7-128. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

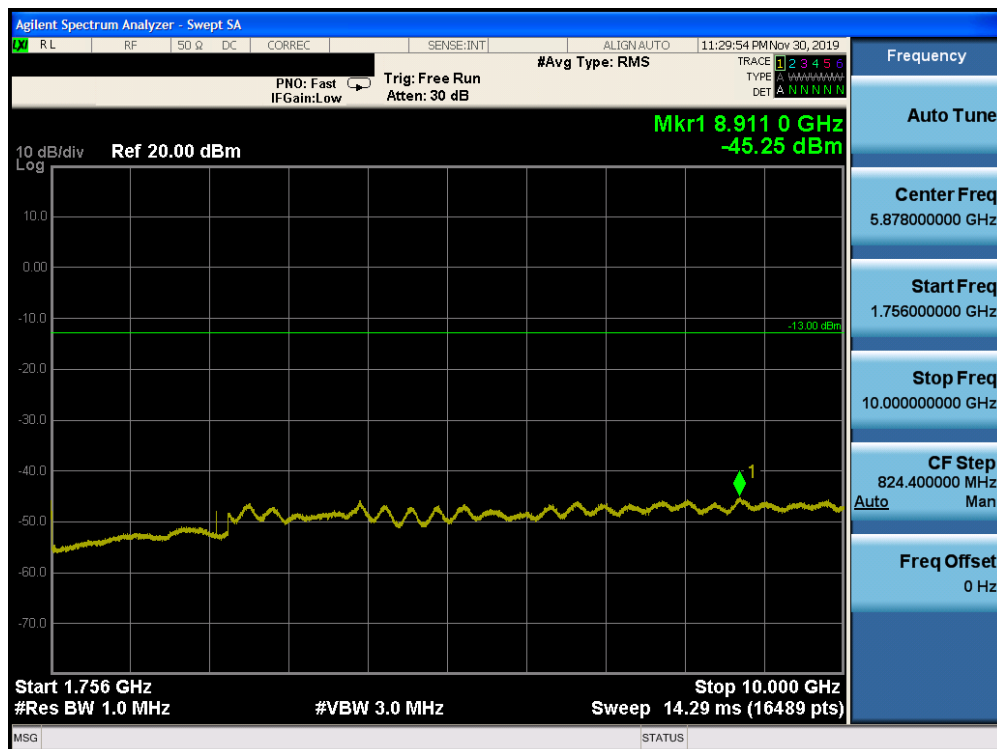


Plot 7-129. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 89 of 401

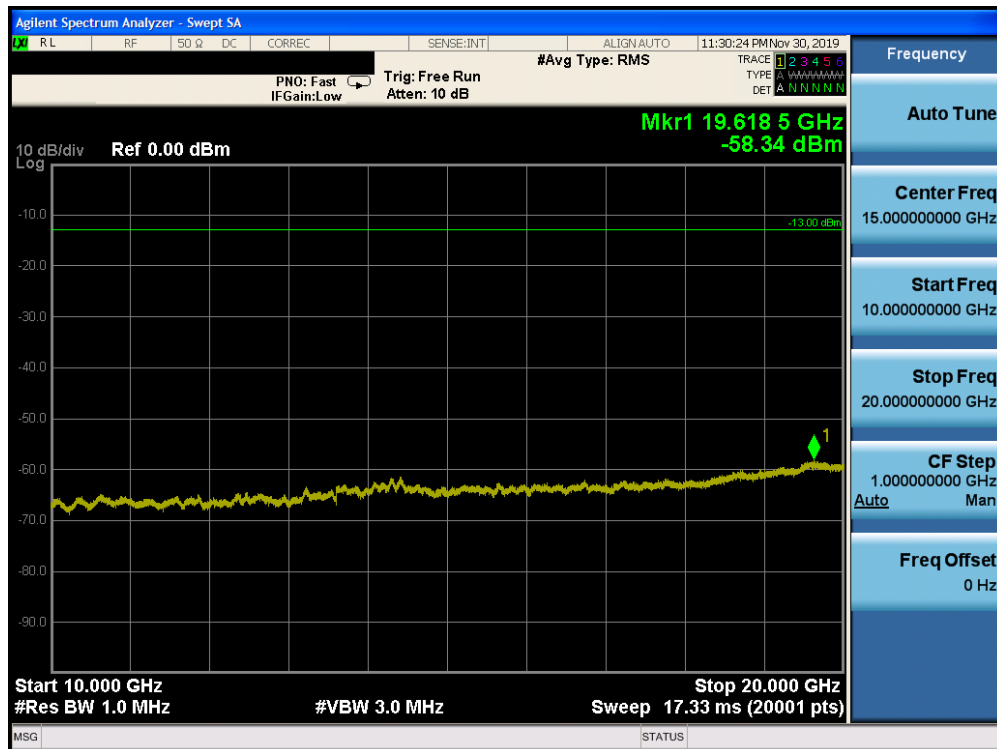


**Plot 7-130. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)**



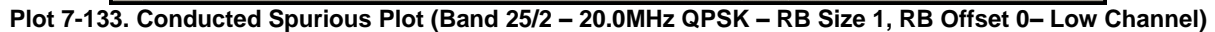
**Plot 7-131. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)**

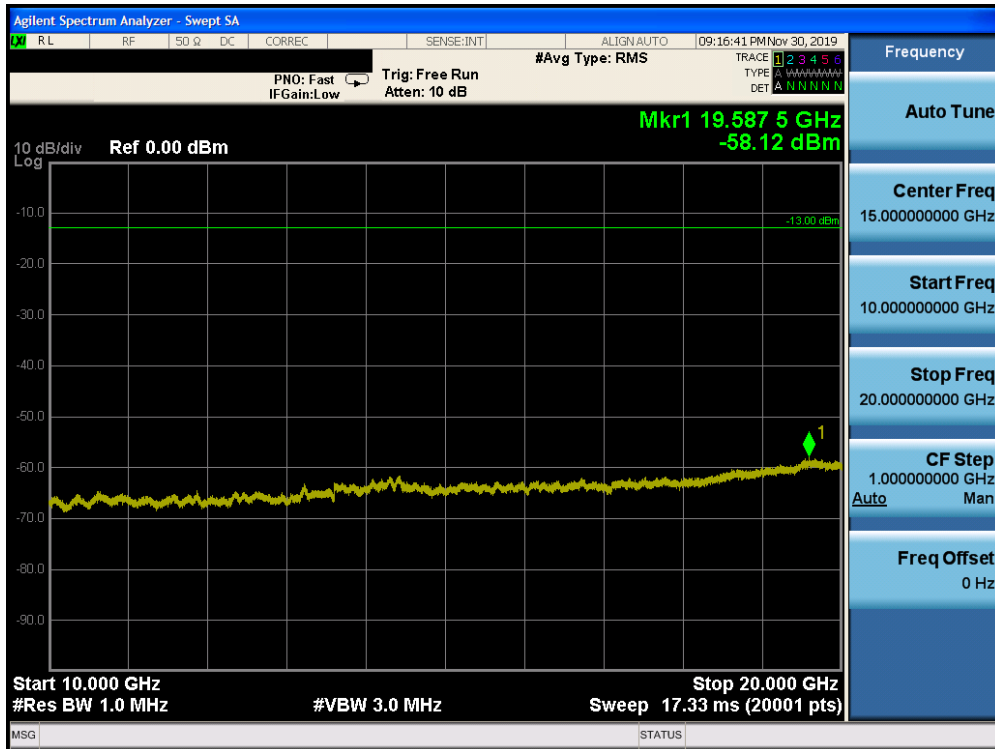
FCC ID: BCGA2232	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C1912170055-03-R1.BCG	<b>Test Dates:</b> 12/10/2019 - 02/25/2020	<b>EUT Type:</b> Tablet Device	Page 90 of 401



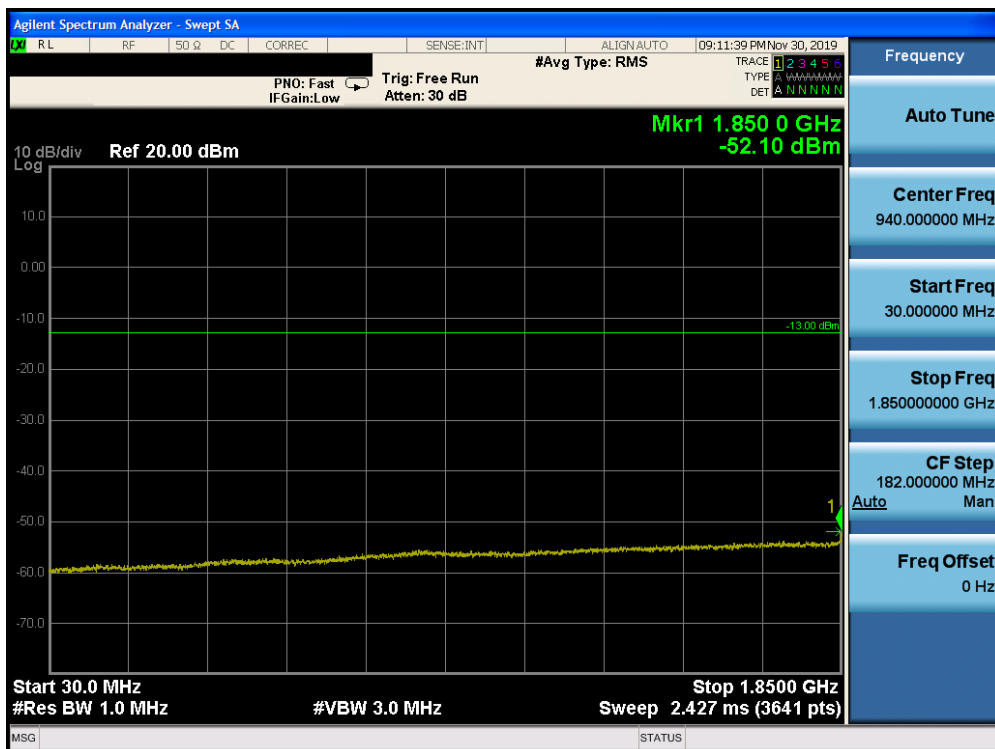
Plot 7-132. Conducted Spurious Plot (Band 66/4 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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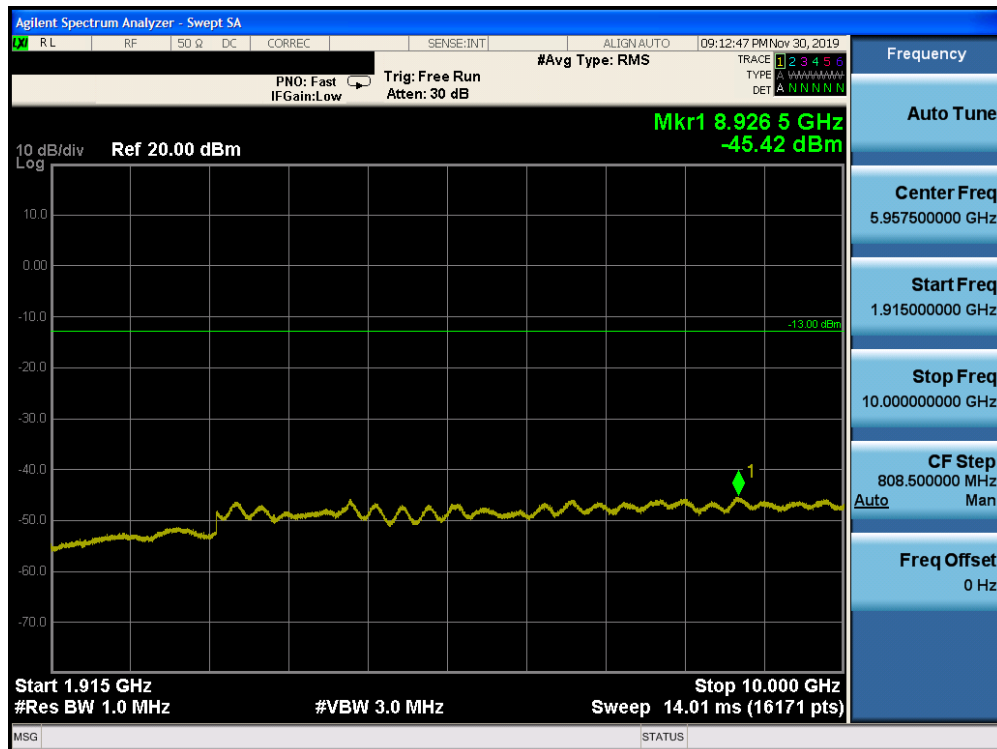


Plot 7-135. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

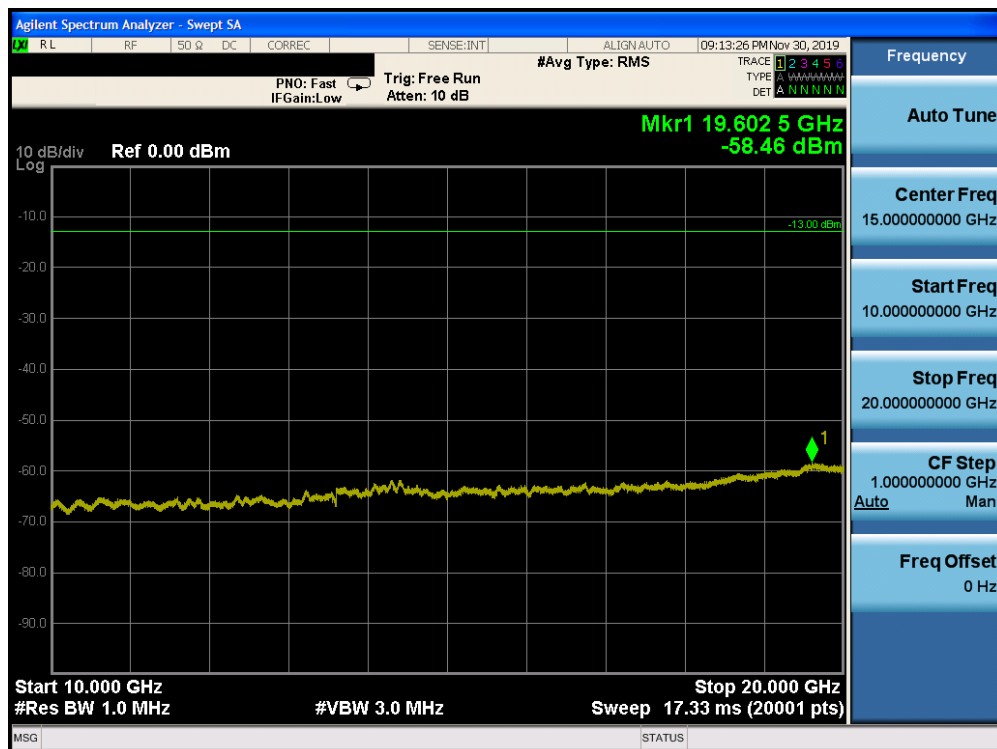


Plot 7-136. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 93 of 401



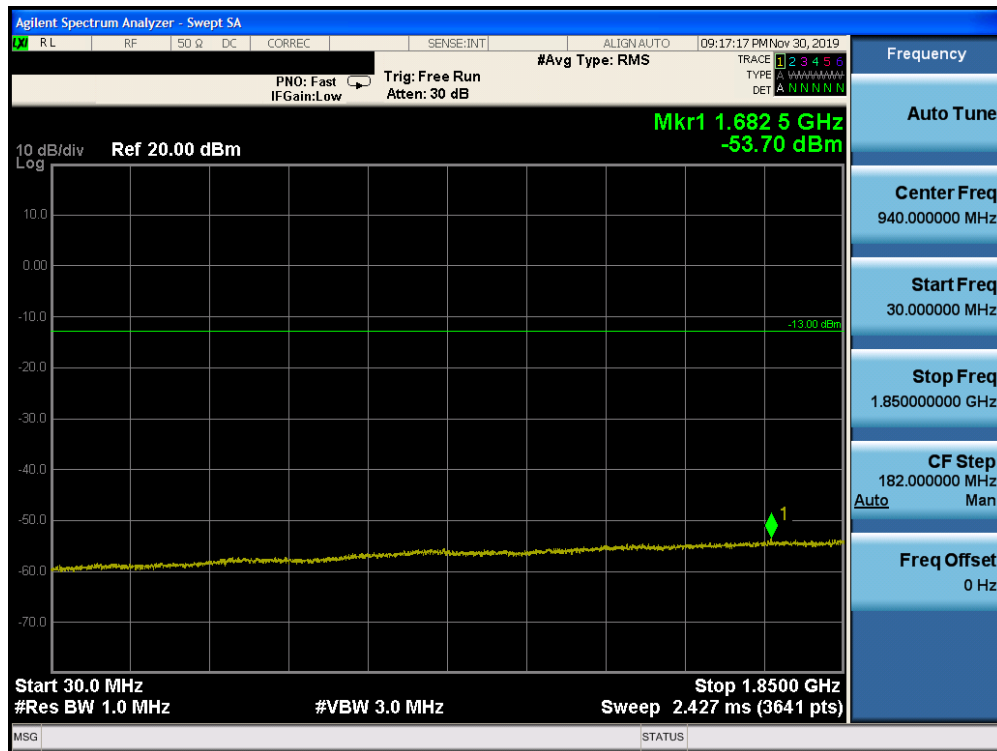
Plot 7-137. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



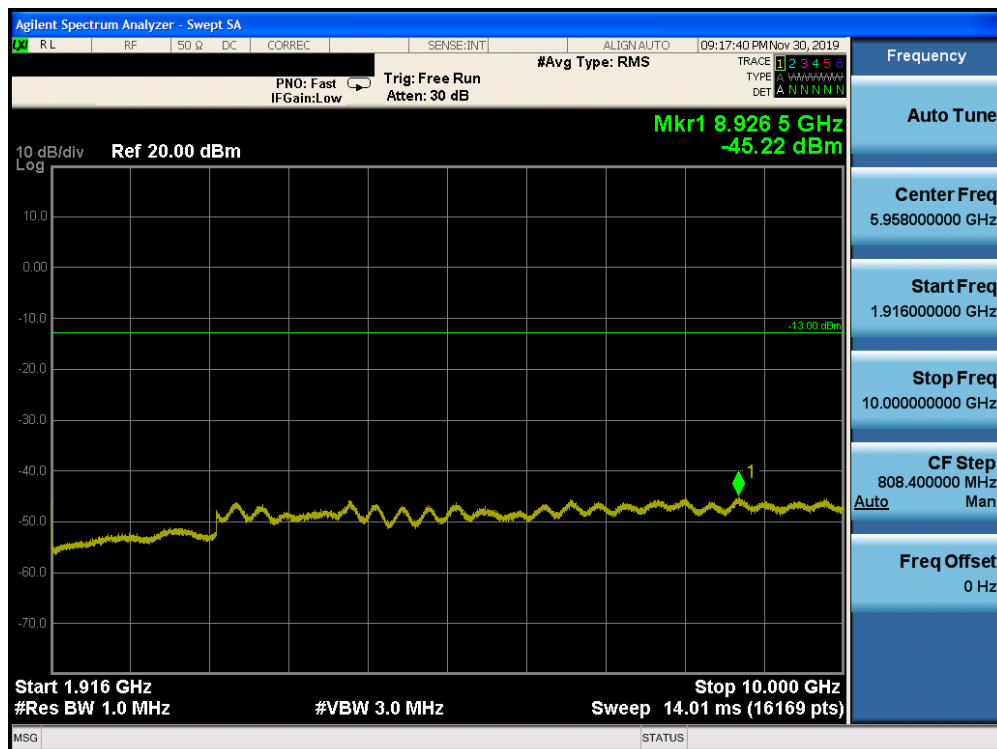
Plot 7-138. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 94 of 401



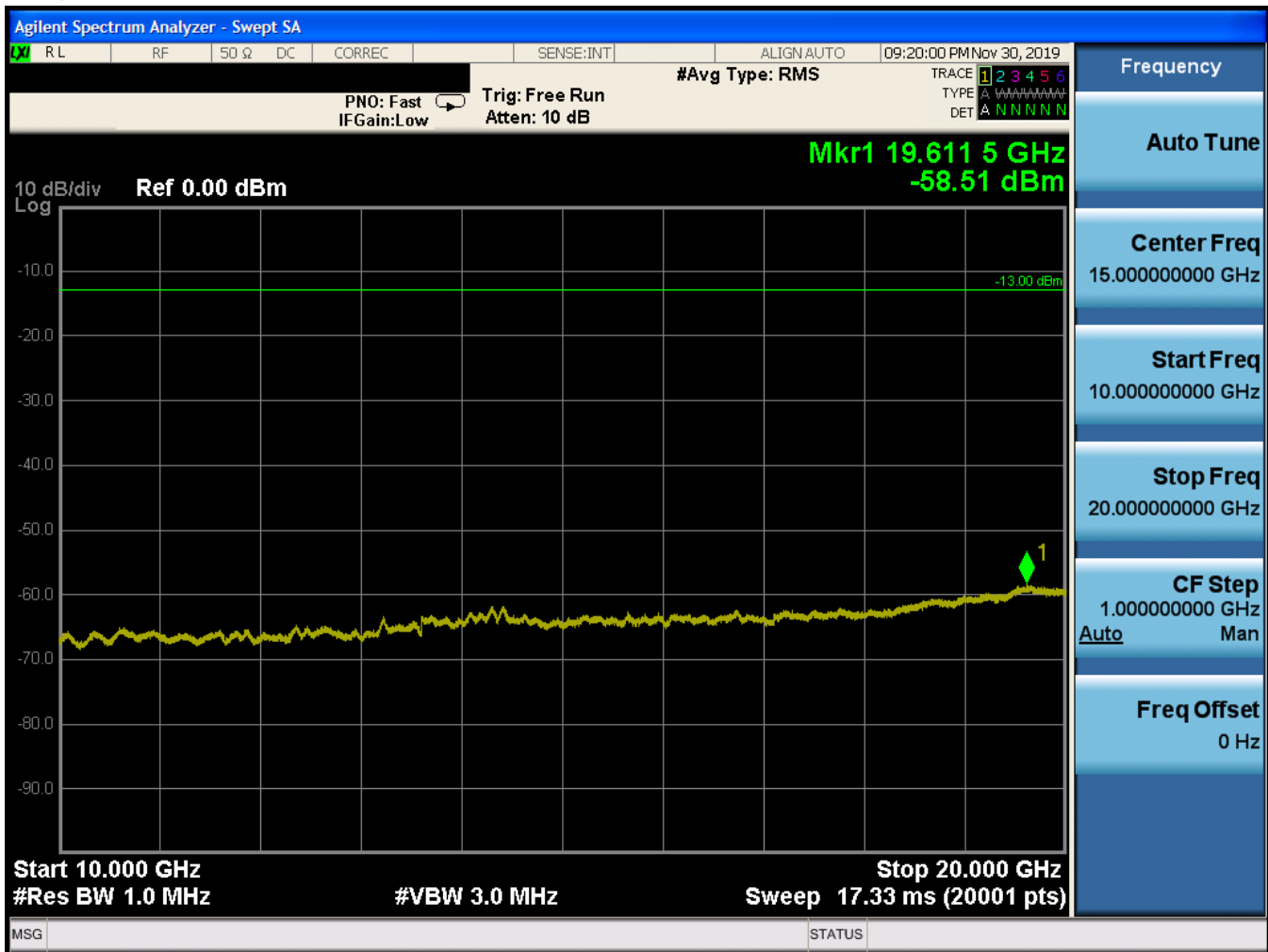


Plot 7-139. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-140. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

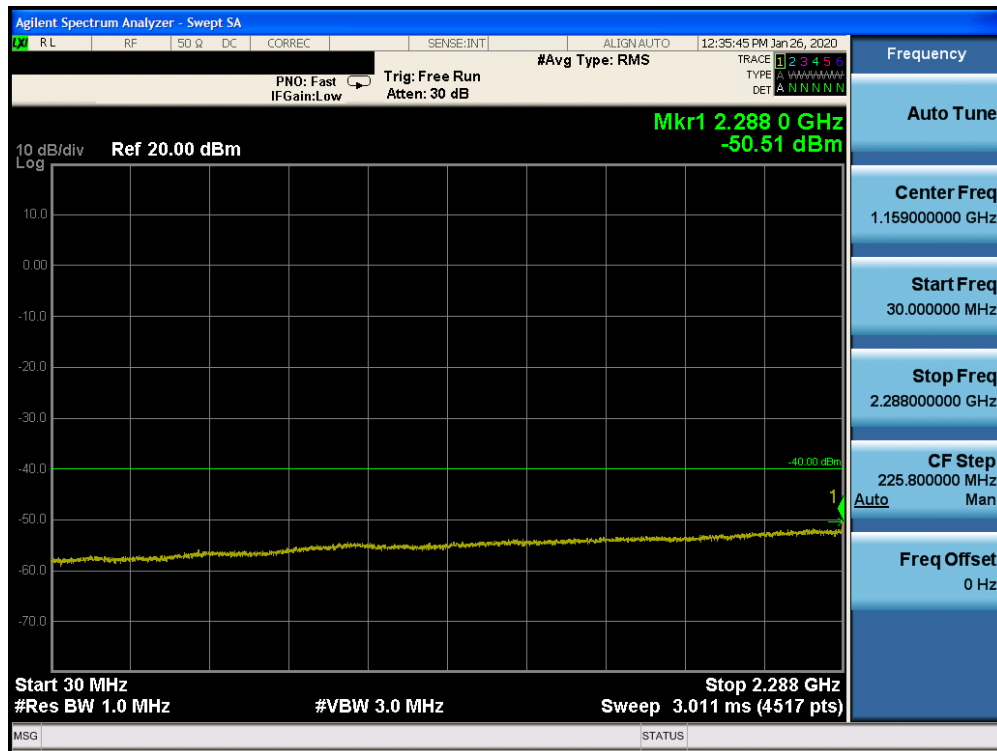
FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 95 of 401



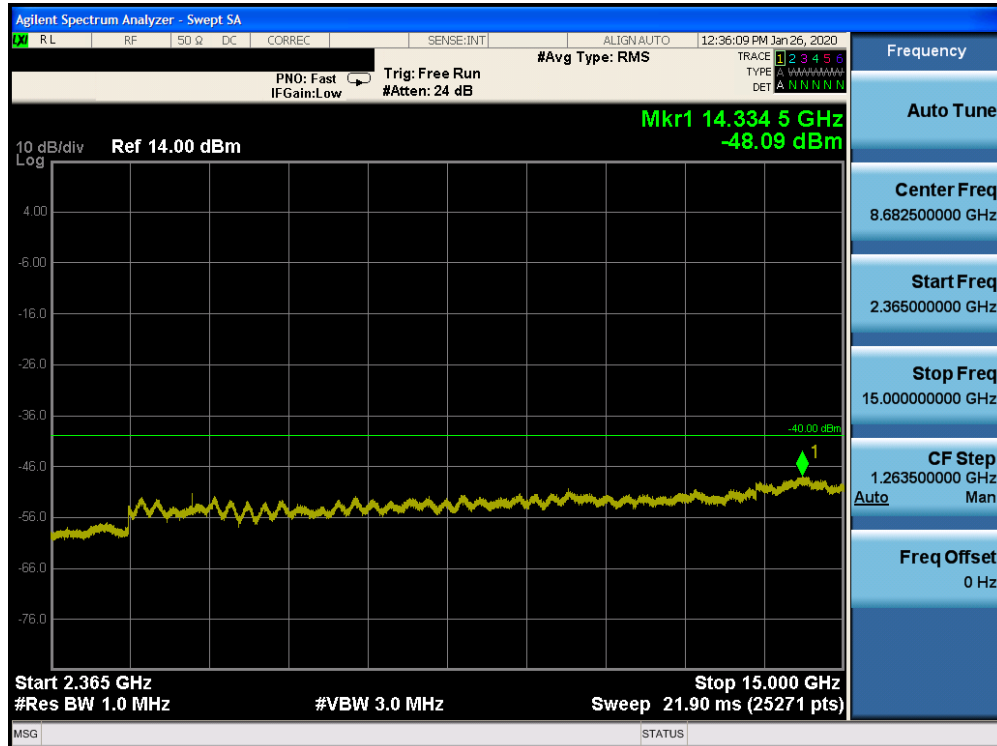
**Plot 7-141. Conducted Spurious Plot (Band 25/2 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)**

FCC ID: BCGA2232	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C1912170055-03-R1.BCG	<b>Test Dates:</b> 12/10/2019 - 02/25/2020	<b>EUT Type:</b> Tablet Device	Page 96 of 401

## Band 30

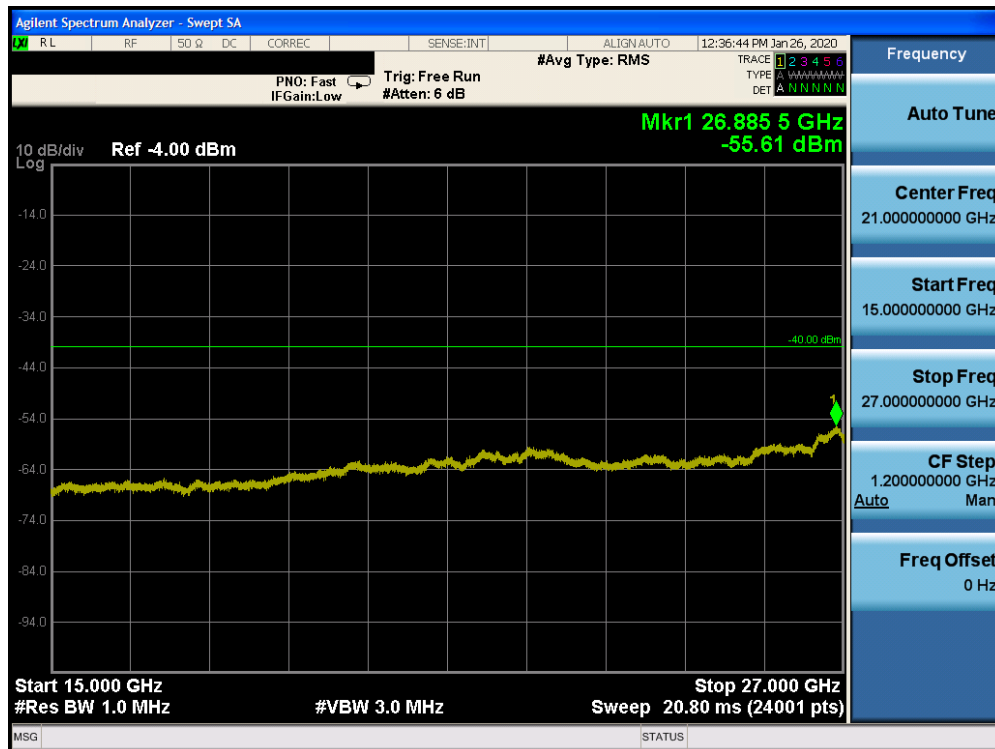


Plot 7-142. Conducted Spurious Plot (Band 30 – 5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

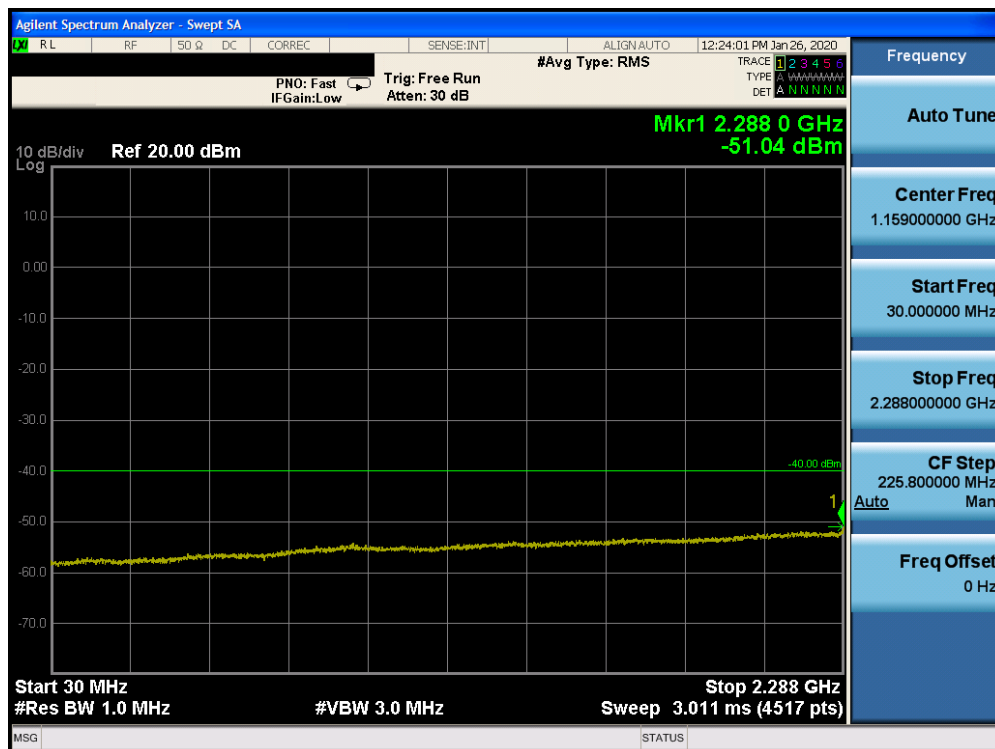


Plot 7-143. Conducted Spurious Plot (Band 30 – 5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 97 of 401

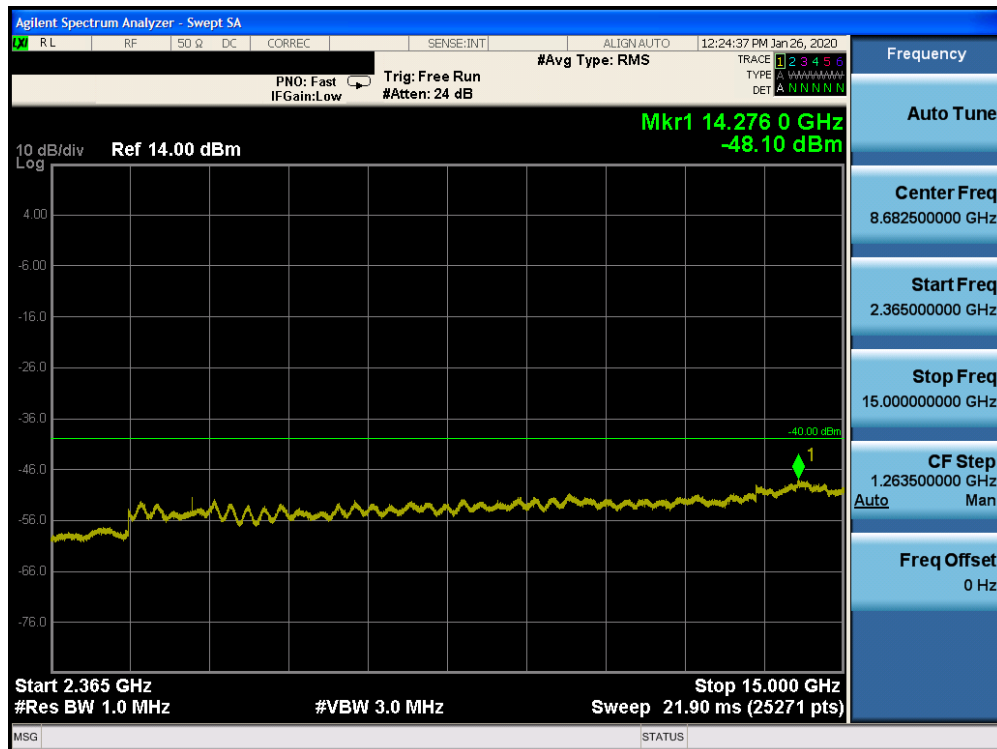


Plot 7-144. Conducted Spurious Plot (Band 30 – 5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

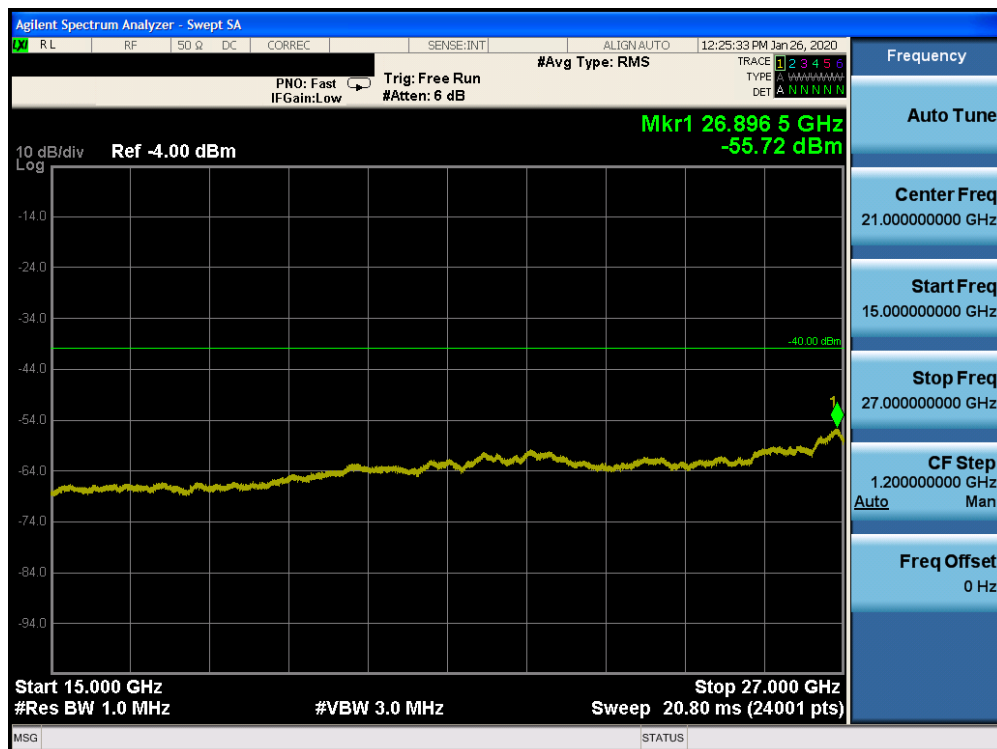


Plot 7-145. Conducted Spurious Plot (Band 30 – 10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 98 of 401

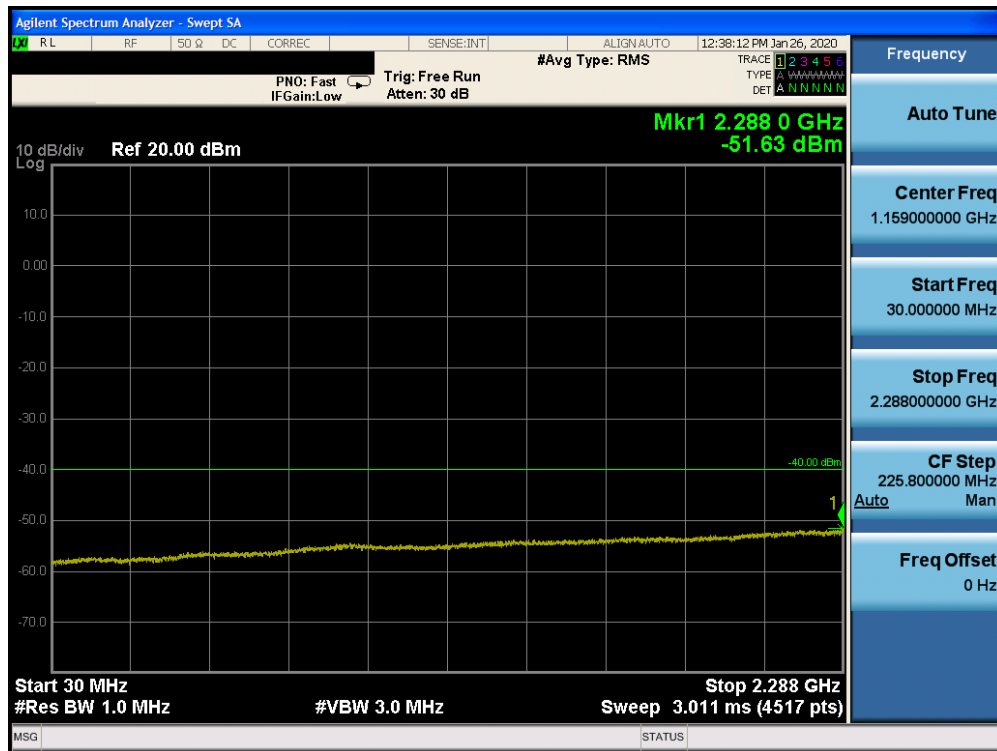


Plot 7-146. Conducted Spurious Plot (Band 30 – 10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

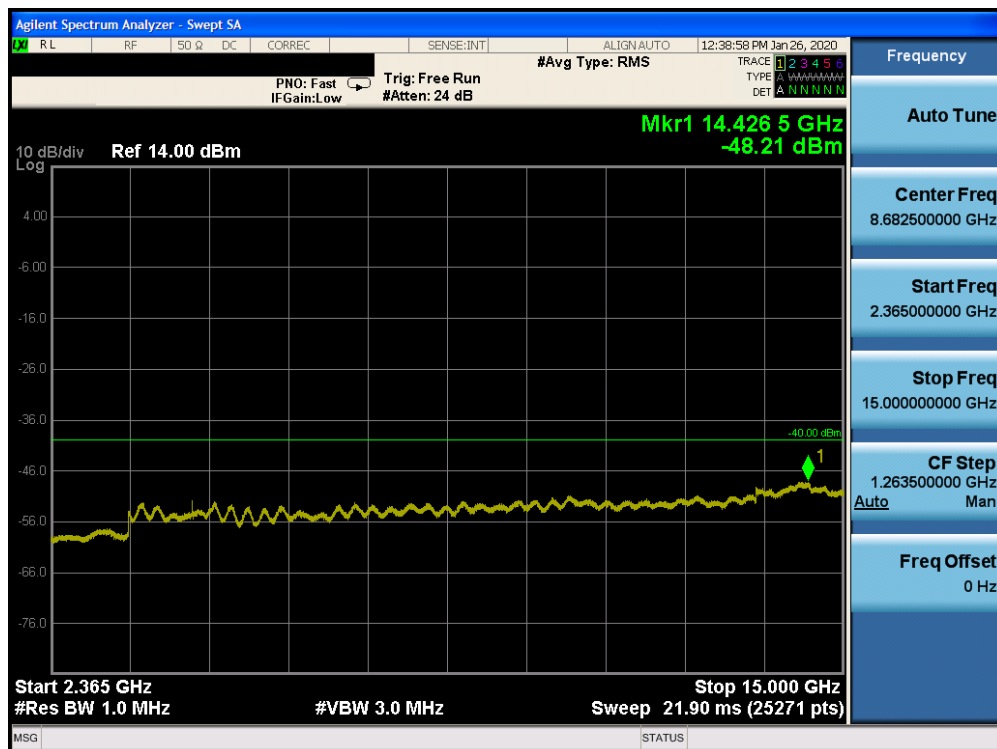


Plot 7-147. Conducted Spurious Plot (Band 30 – 10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 99 of 401

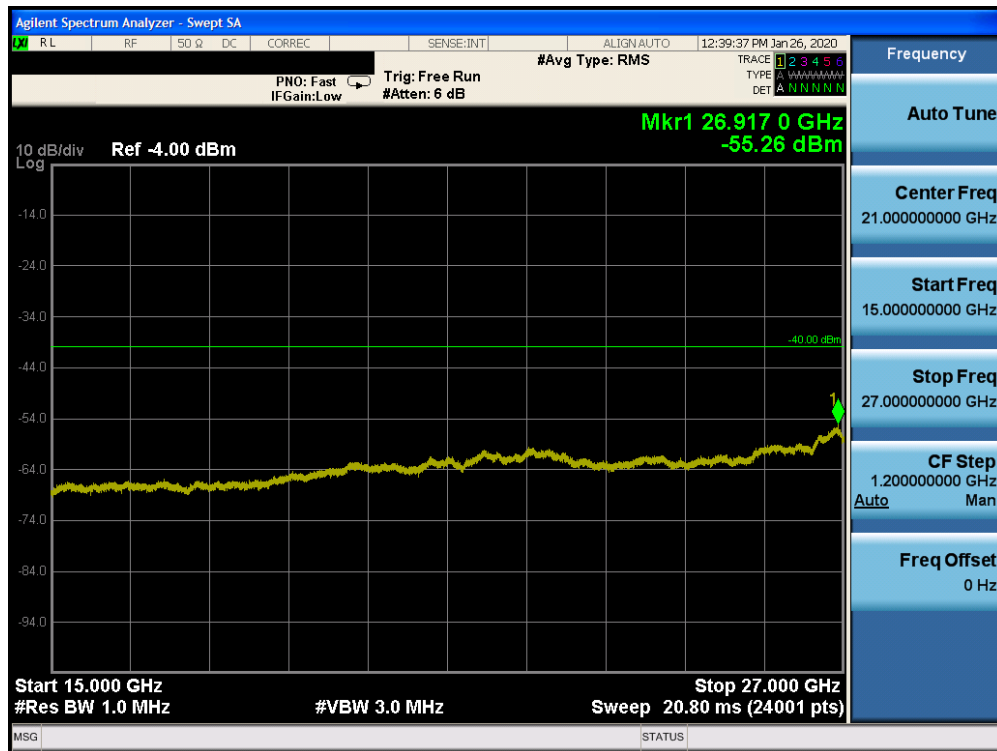


Plot 7-148. Conducted Spurious Plot (Band 30 – 5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-149. Conducted Spurious Plot (Band 30 – 5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

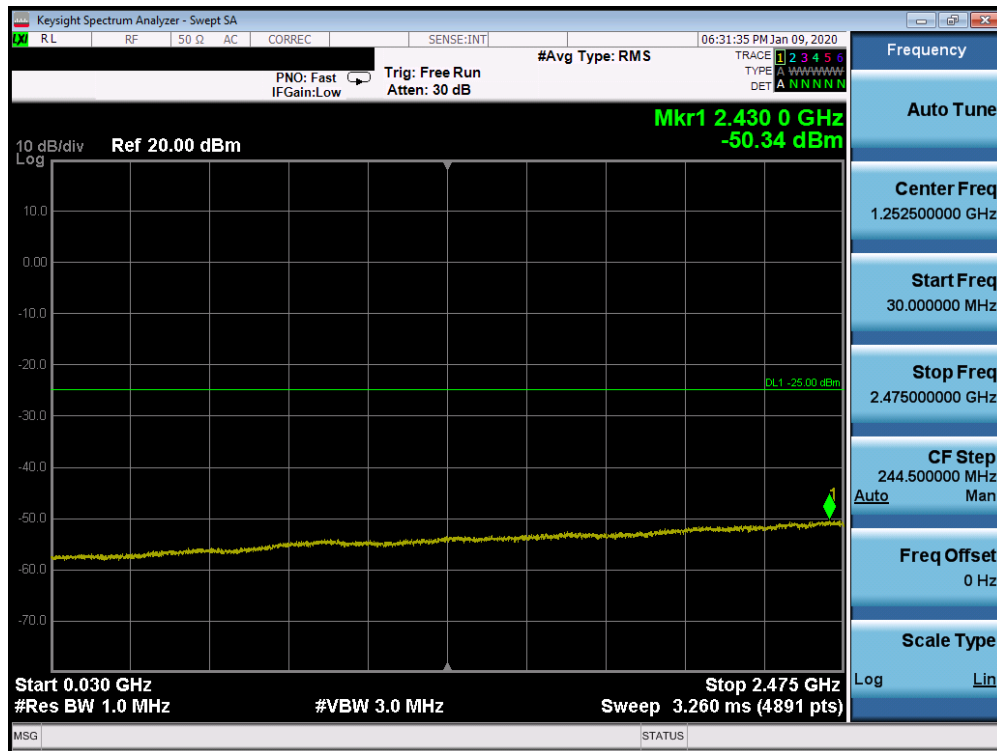
FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 100 of 401



Plot 7-150. Conducted Spurious Plot (Band 30 – 5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 101 of 401

## Band 7



Plot 7-151. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)



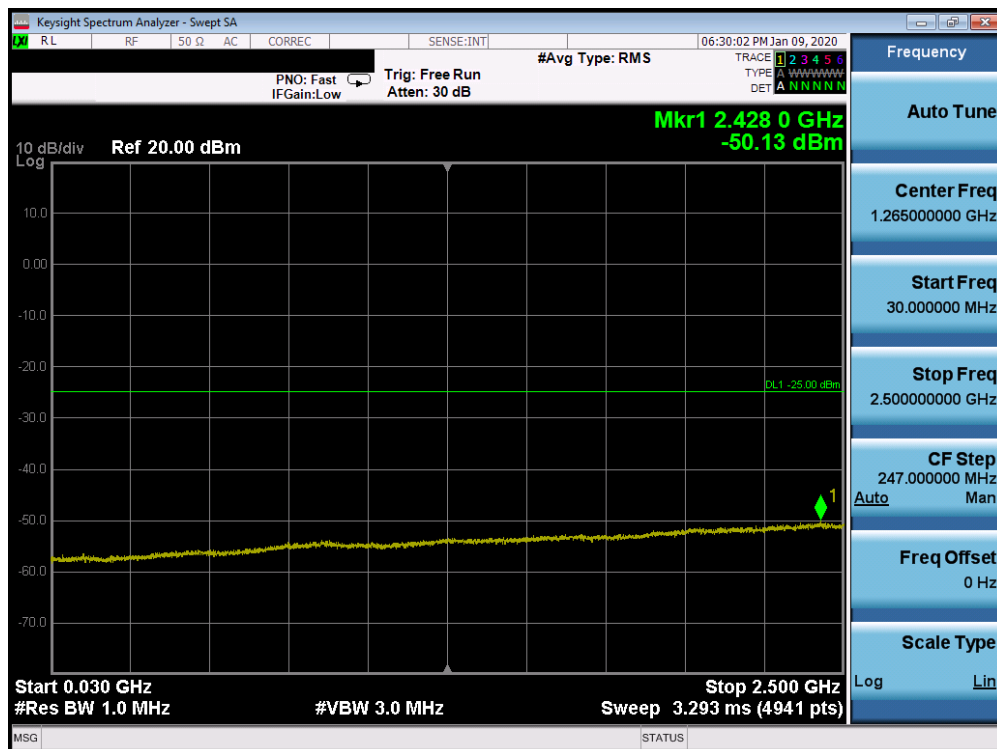
Plot 7-152. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 102 of 401





Plot 7-153. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

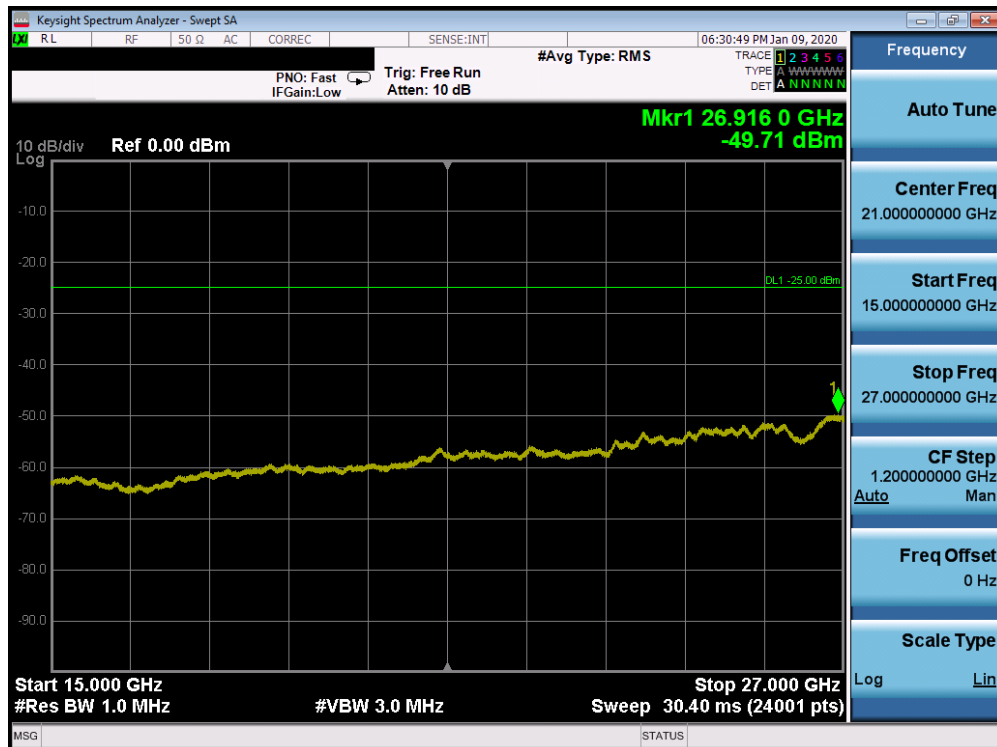


Plot 7-154. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-155. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 7-156. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-157. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-158. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

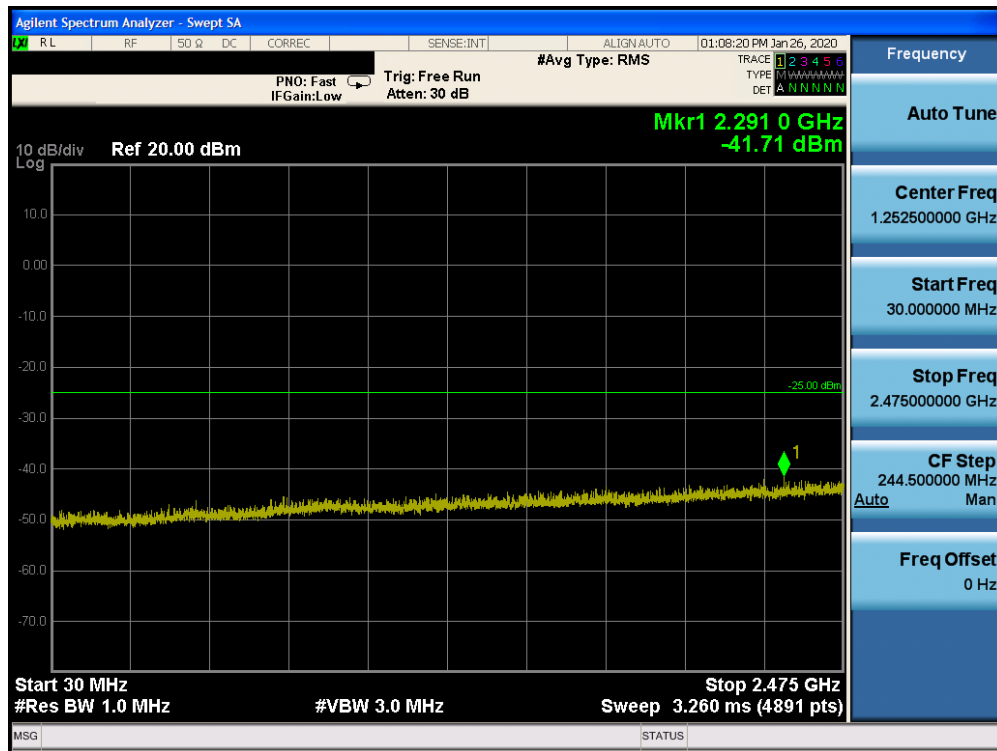
FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 105 of 401



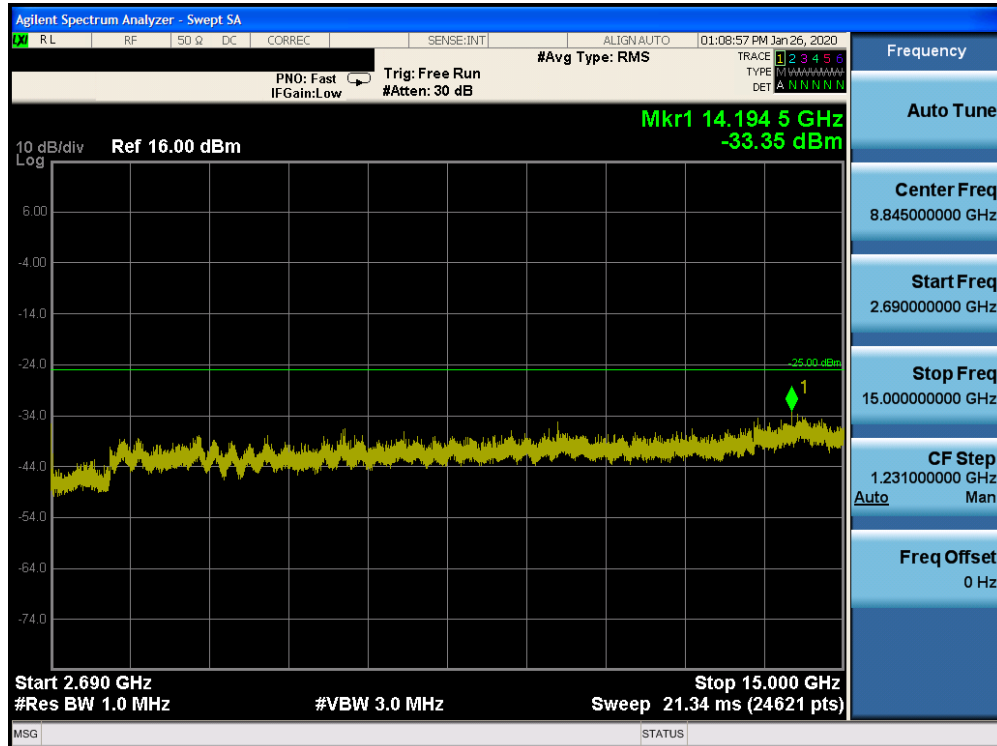
Plot 7-159. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 106 of 401

## Band 41

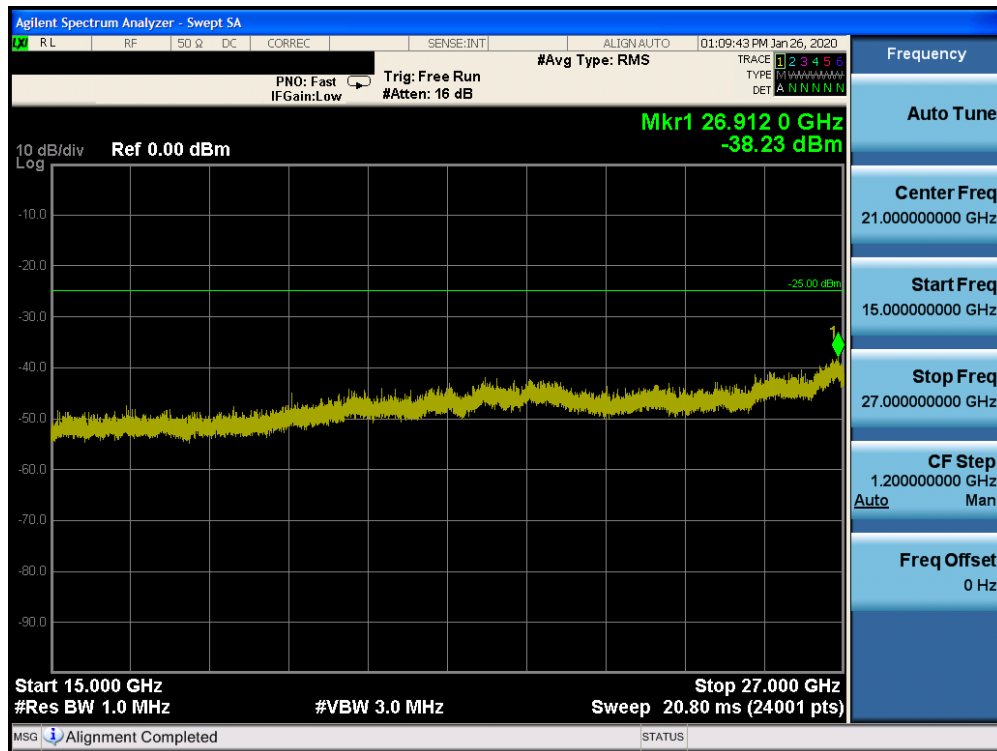


Plot 7-160. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

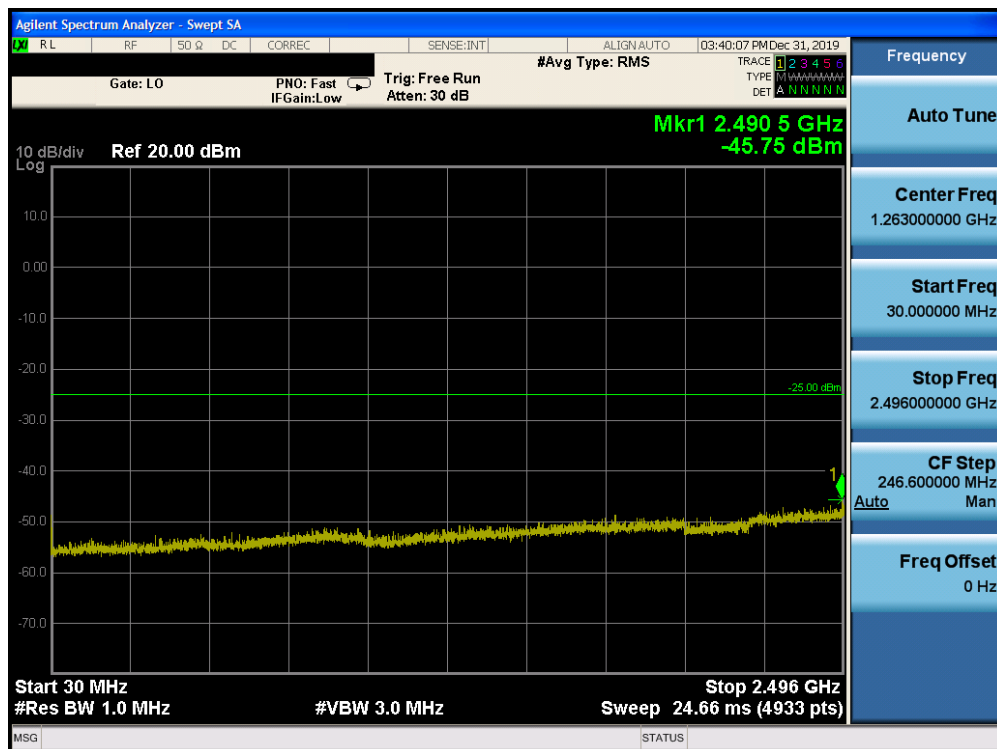


Plot 7-161. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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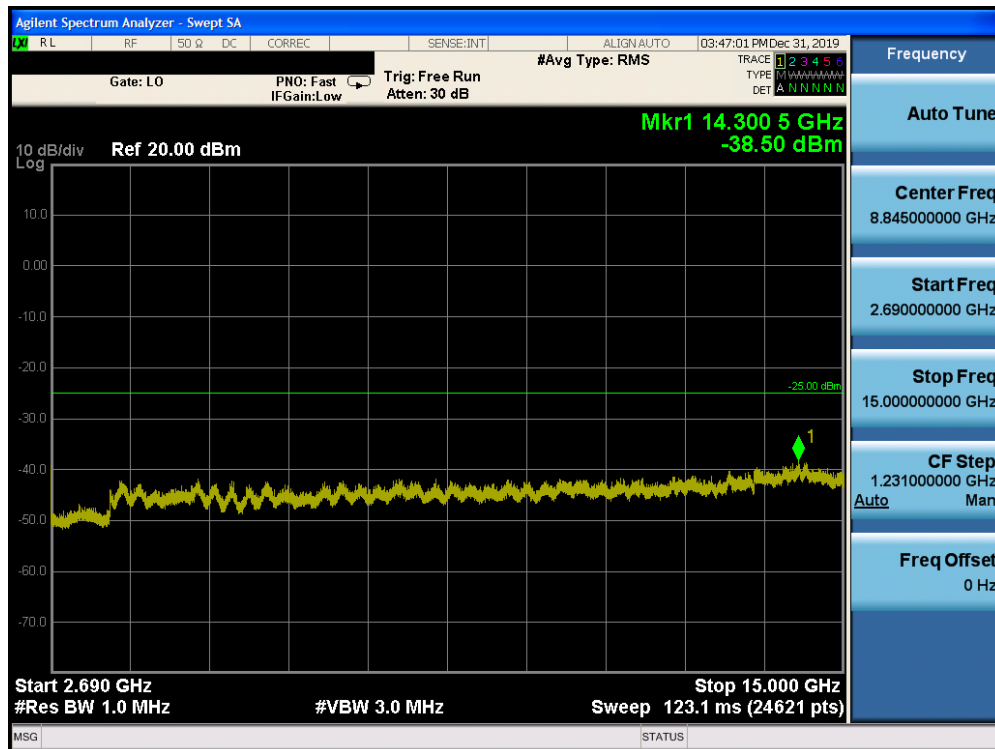


Plot 7-162. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

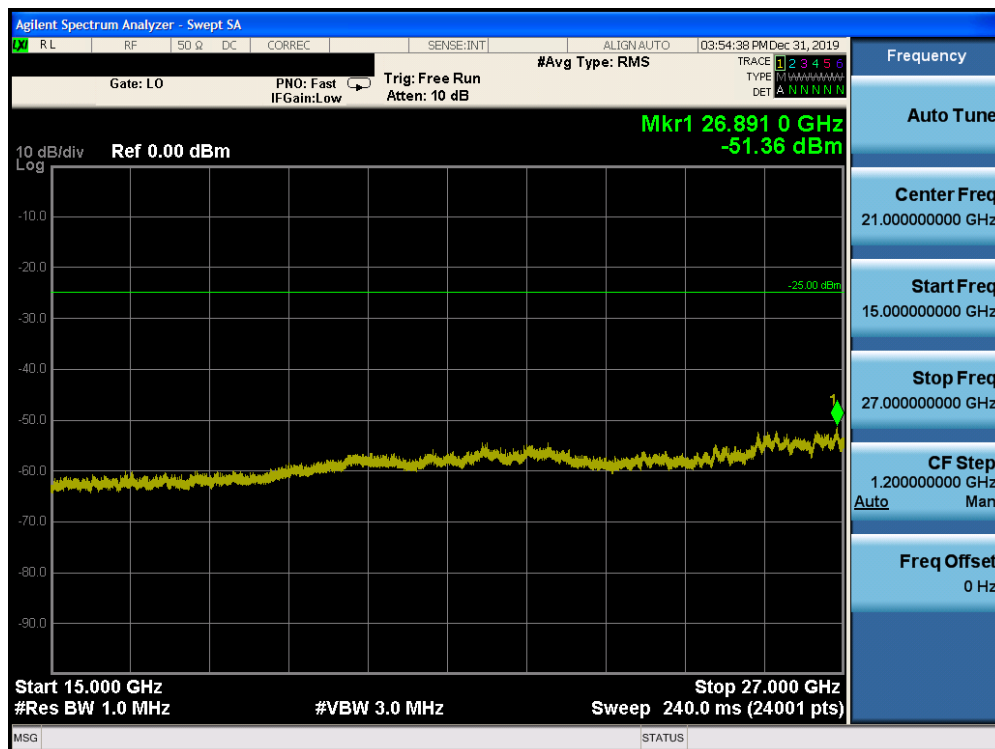


Plot 7-163. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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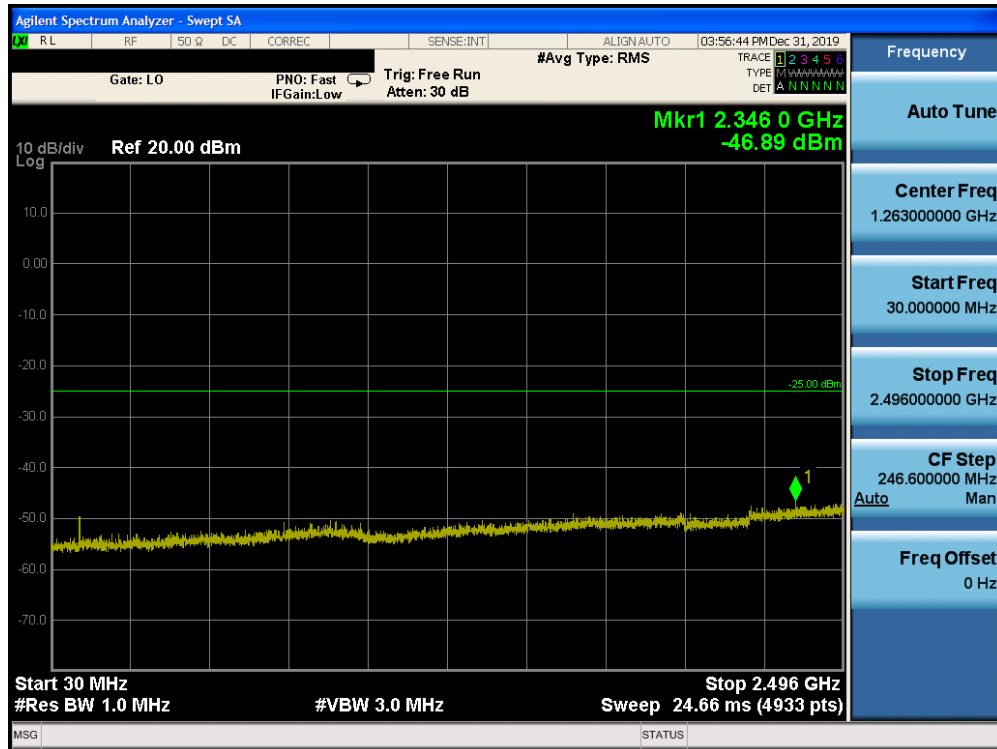


Plot 7-164. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

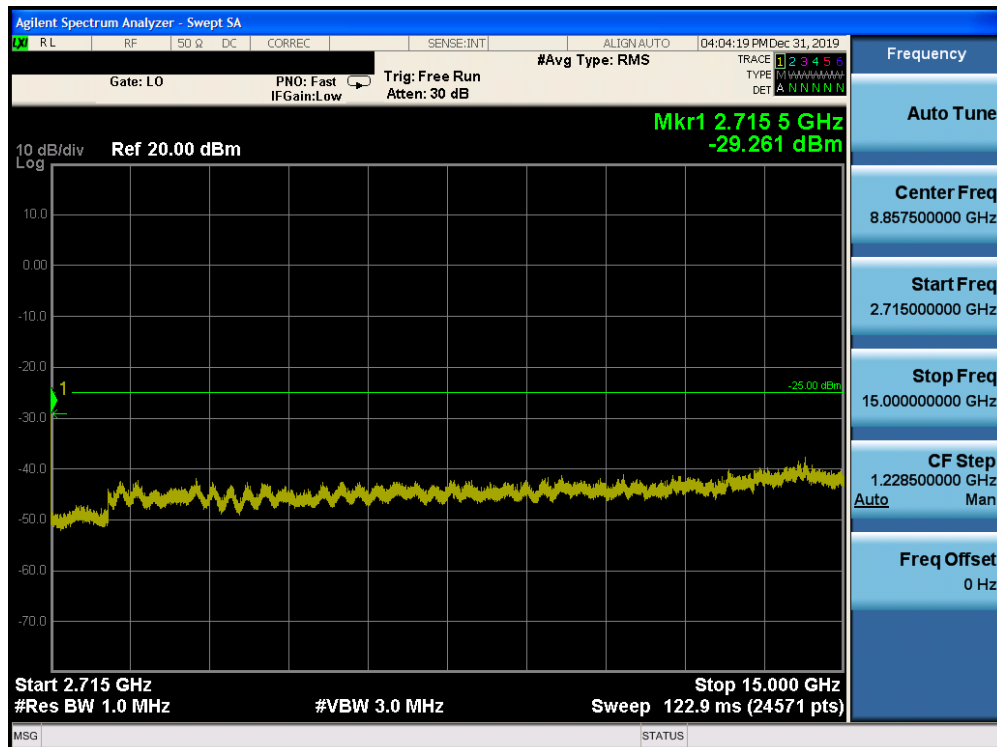


Plot 7-165. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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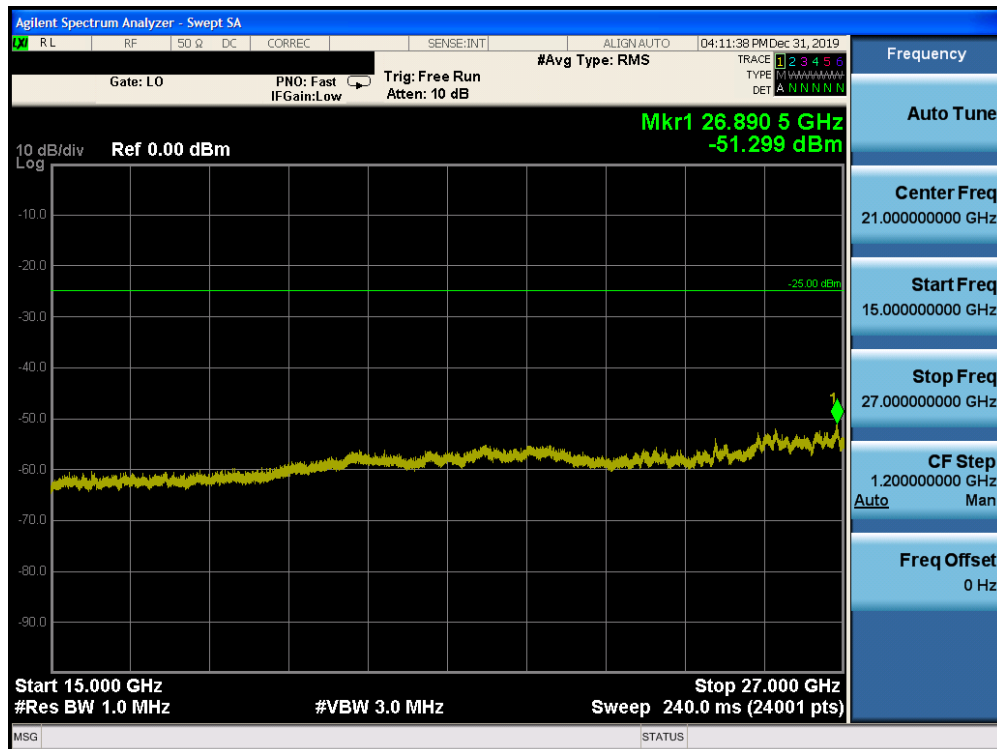
Plot 7-166. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-167. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-168. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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## 7.4 Band Edge Emissions at Antenna Terminal

### Test Overview

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 its maximum duty cycle, 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.

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

**The minimum permissible attenuation level for Band 30 is  $> 43 + 10\log_{10}(P_{\text{Watts}})$  at 2300-2305MHz & 2345-2360MHz,  $> 55 + 10\log_{10}(P_{\text{Watts}})$  at 2320-2324MHz & 2341-2345MHz,  $> 61 + 10\log_{10}(P_{\text{Watts}})$  at 2324-2328MHz & 2337-2341MHz,  $> 67 + 10\log_{10}(P_{\text{Watts}})$  at 2288-2292MHz & 2328-2337MHz, and  $> 70 + 10\log_{10}(P_{\text{Watts}})$  at frequencies  $< 2288\text{MHz}$  &  $> 2365\text{MHz}$ .**

**The minimum permissible attenuation level for Band 7 and 41 is as noted in the Test Notes on the following page.**

### Test Procedure Used

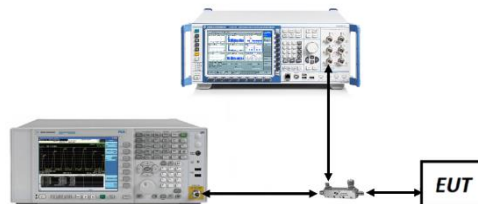
KDB 971168 D01 v03r01 – Section 6.0

### Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW  $\geq$  1% of the emission bandwidth
4. VBW  $\geq$  3 x RBW
5. Detector = RMS
6. Number of sweep points  $\geq$  2 x Span/RBW
7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
8. Sweep time = auto couple
9. The trace was allowed to stabilize

### Test Setup

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



**Figure 7-3. Test Instrument & Measurement Setup**

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## Test Notes

Per 22.917(b) 24.238(a) 27.53(h) 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 to demonstrate compliance with the out-of-band emissions limit. 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.

Per 27.53(g) for operations in the 698-746 MHz band, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.

Per 27.53(c)(5) for operations in the 776-788 MHz band, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.

For all plots showing emissions in the 763 – 775MHz and 793 – 805MHz band, the FCC limit per 27.53(c)(4) is  $65 + 10\log_{10}(P) = -35\text{dBm}$  in a 6.25kHz bandwidth.

Per 27.53(a)(5) in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305, 2310, 2315, 2320, 2345, 2350, 2355, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

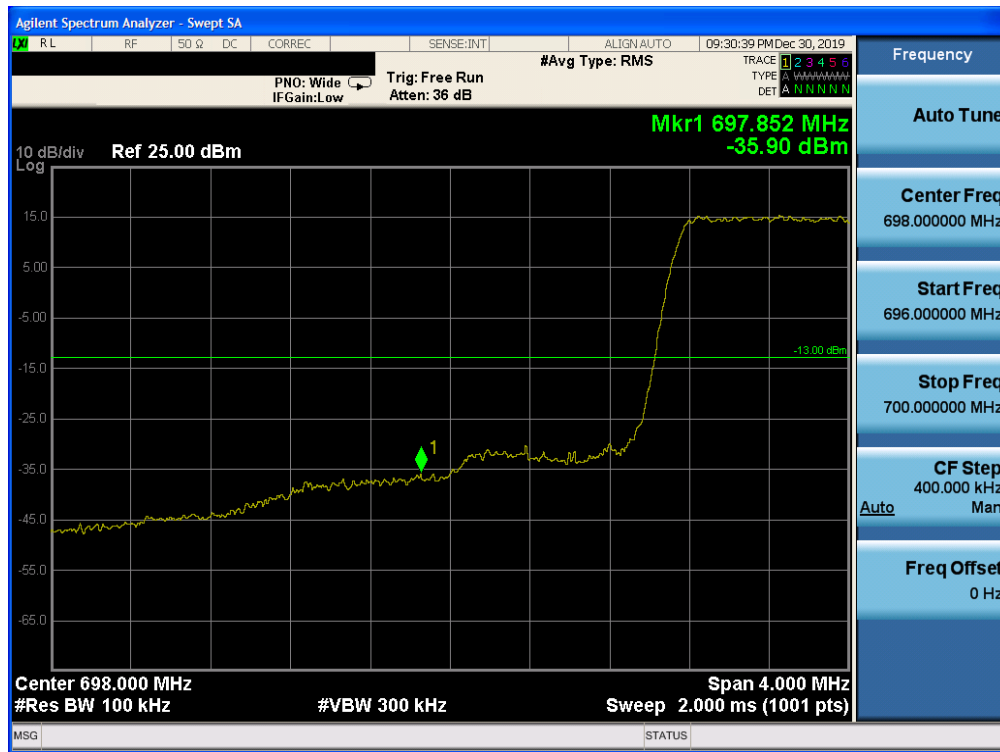
Per 27.53(m) for operations in the BRS/EBS bands, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less that  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz.

All ports were tested and only the worst case data were reported.

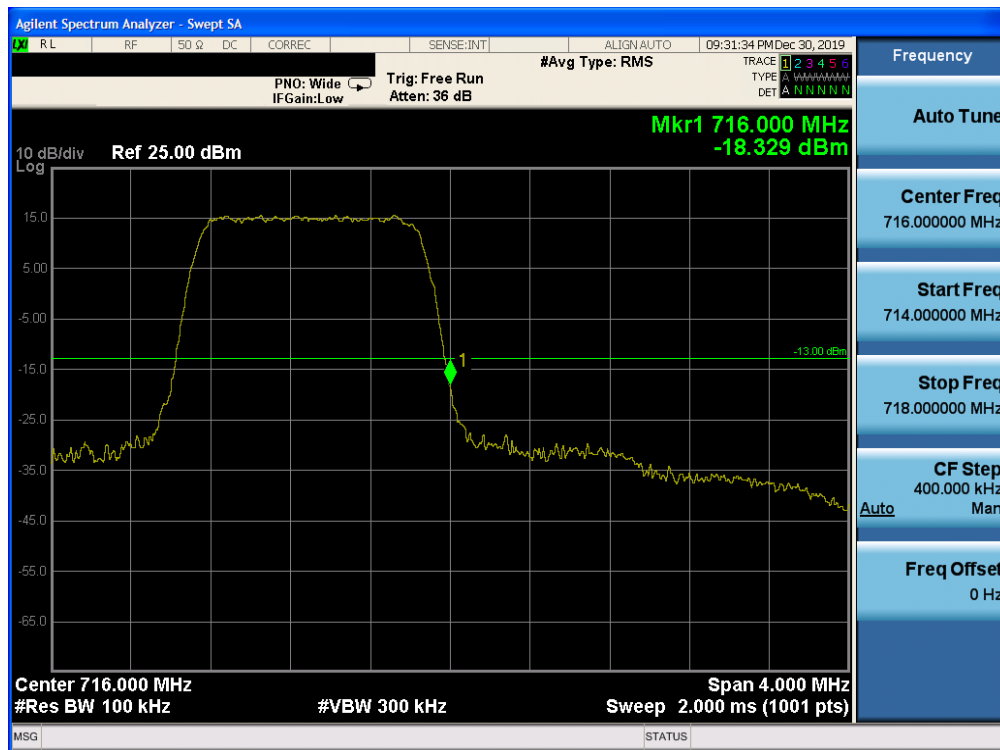
Refer to Table 2-1 Section 2.3 of this test report for correlation between Antennas and Ports.

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## Band 12

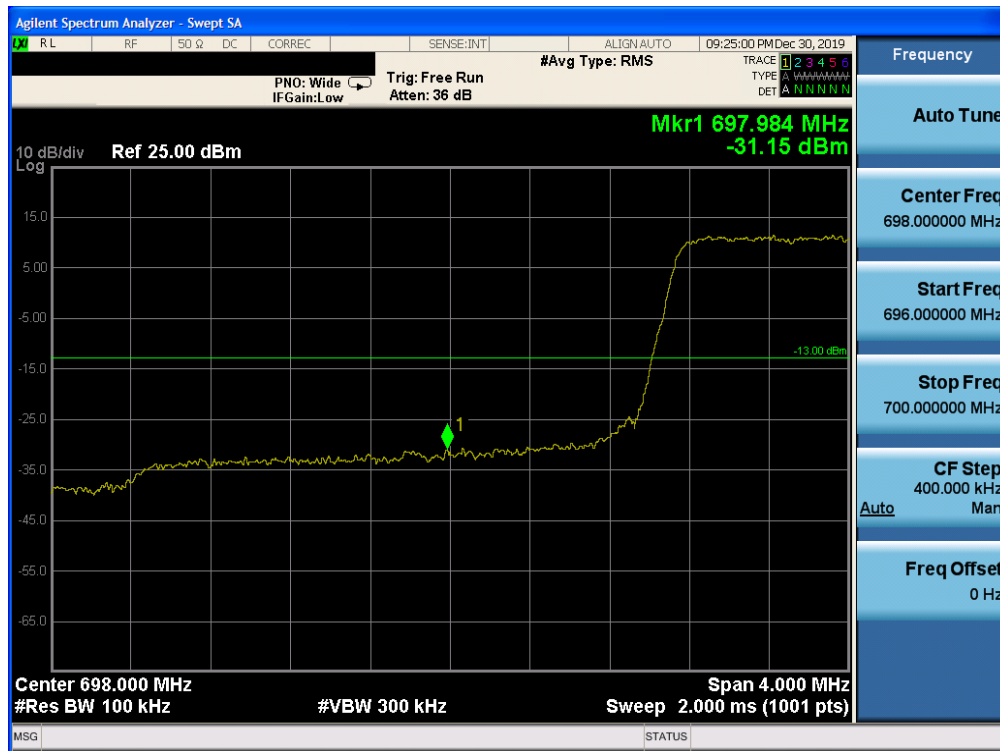


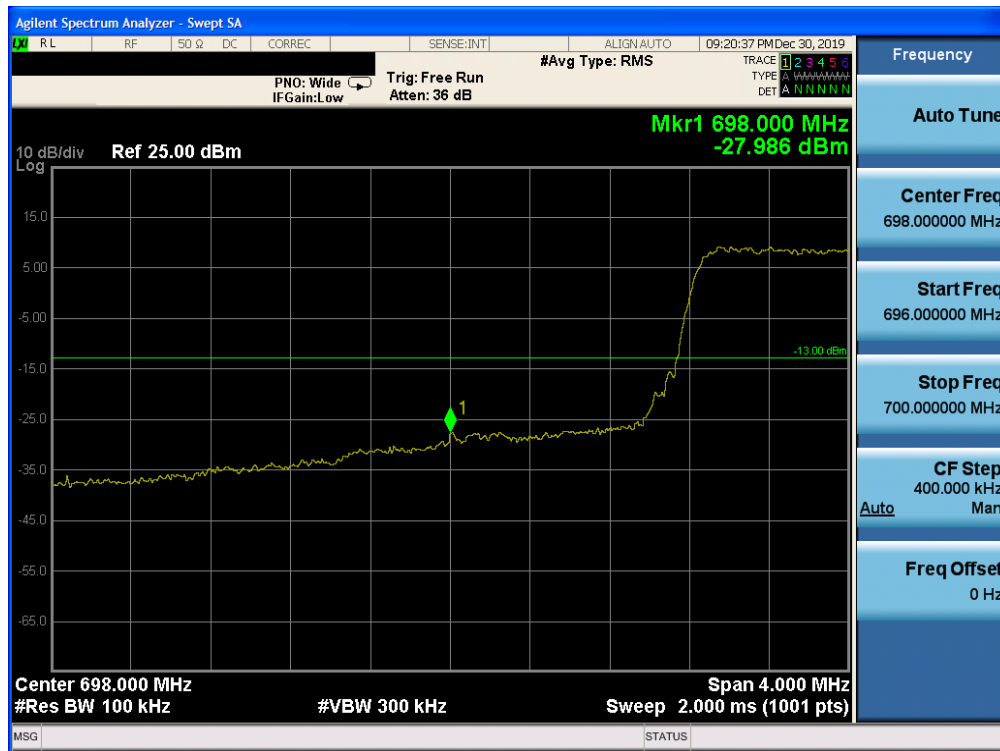
Plot 7-169. Lower Band Edge Plot (Band 12 – 1.4MHz QPSK – RB Size 6)

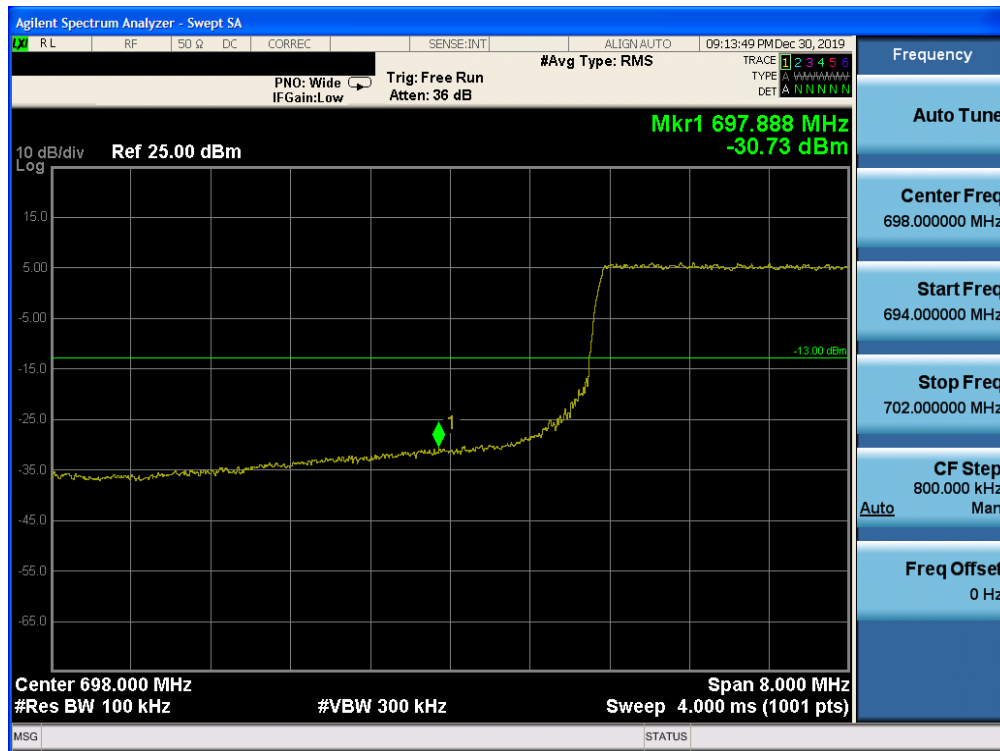


Plot 7-170. Upper Band Edge Plot (Band 12 – 1.4MHz QPSK – RB Size 6)

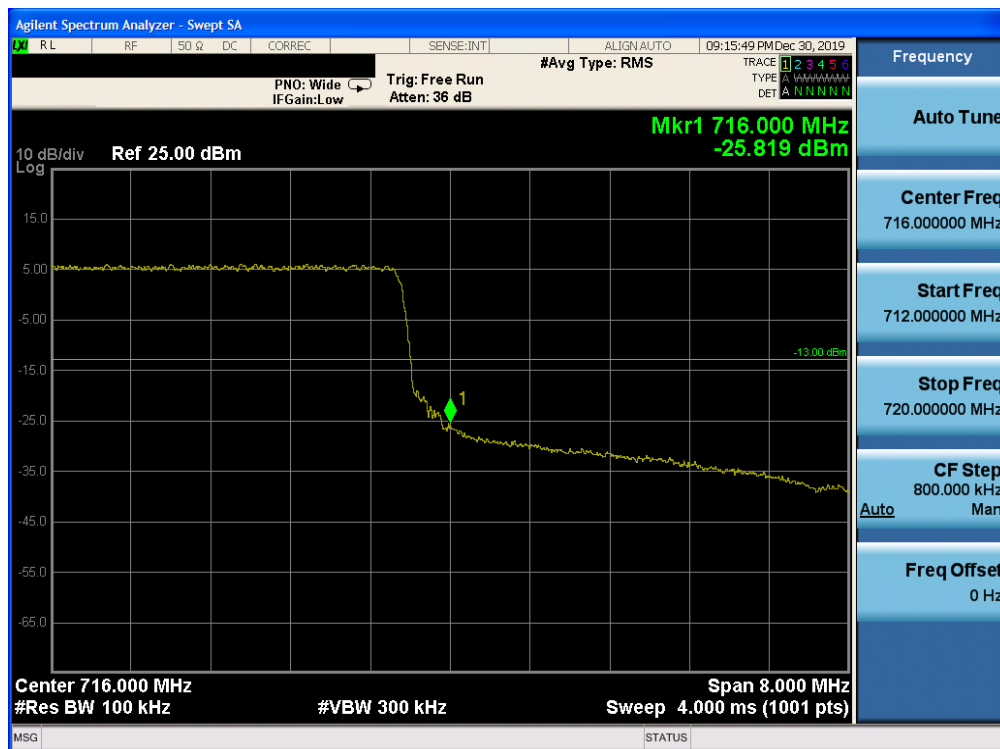
FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 114 of 401







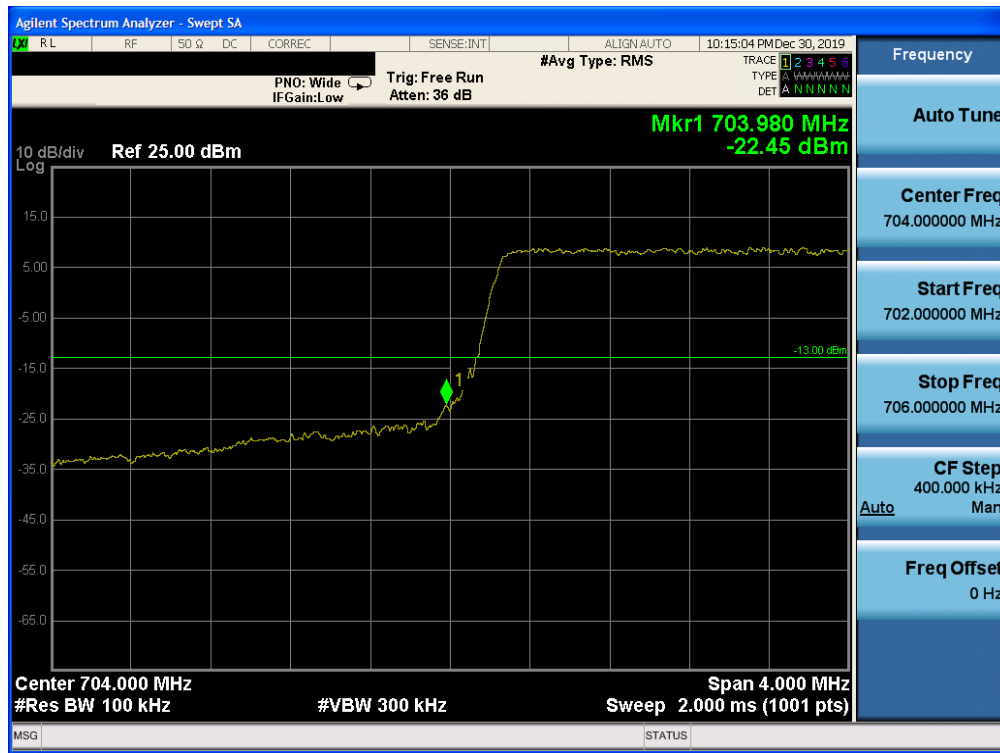
Plot 7-175. Lower Band Edge Plot (Band 12 - 10.0MHz QPSK - RB Size 50)



Plot 7-176. Upper Band Edge Plot (Band 12 - 10.0MHz QPSK - RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 117 of 401

## Band 17



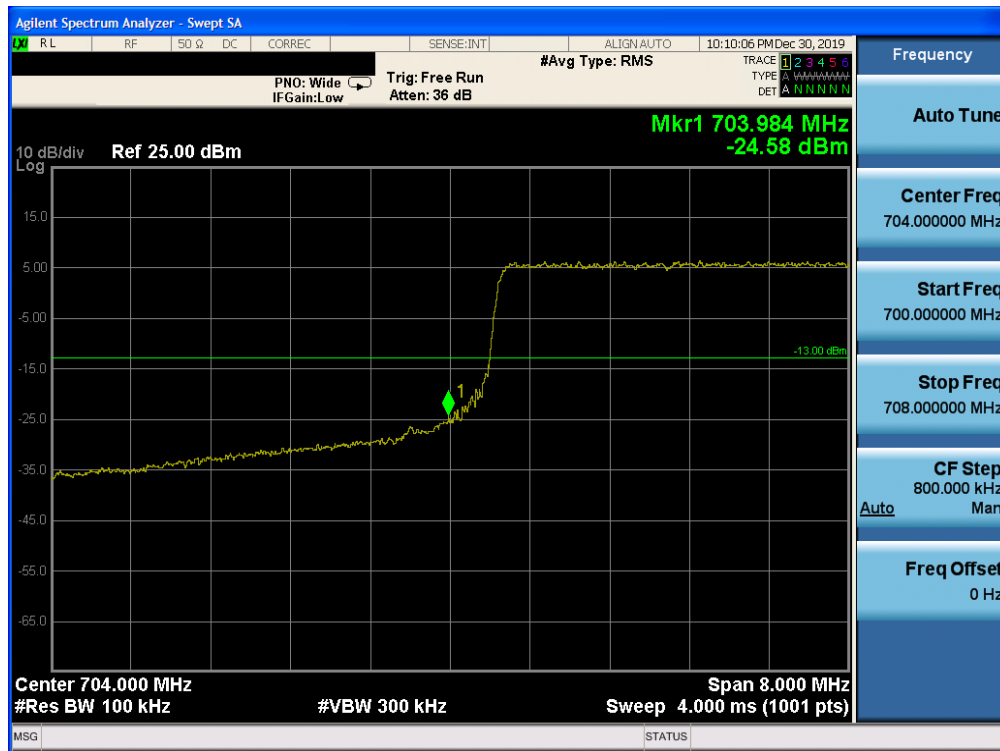
Plot 7-177. Lower Band Edge Plot (Band 17 – 5.0MHz QPSK – RB Size 25)



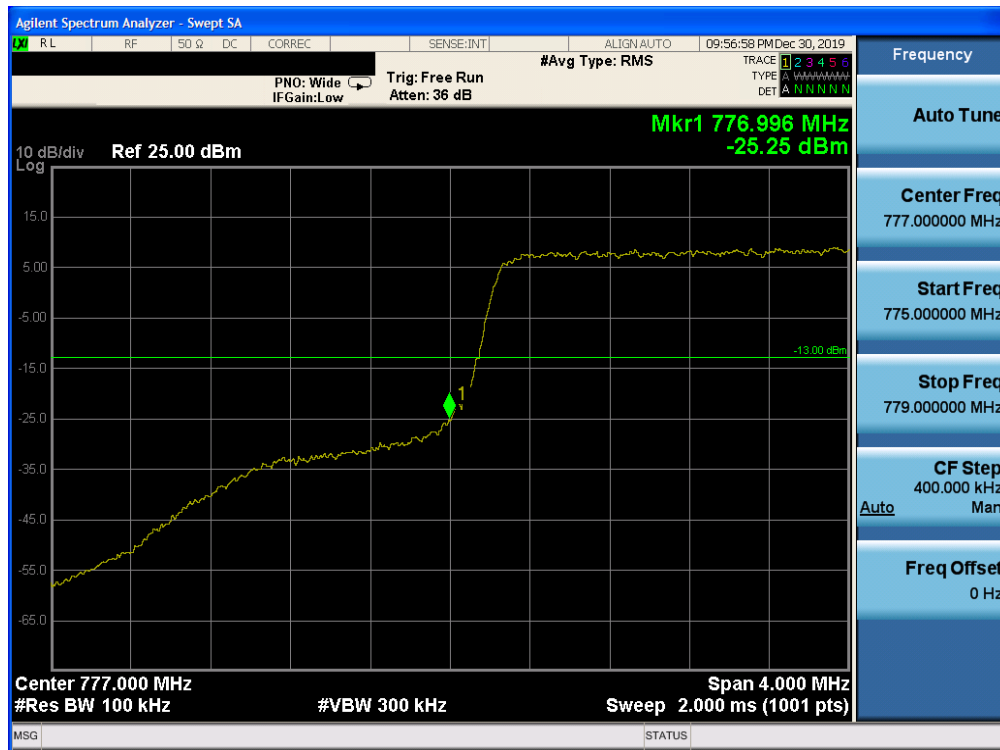
Plot 7-178. Upper Band Edge Plot (Band 17 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 118 of 401

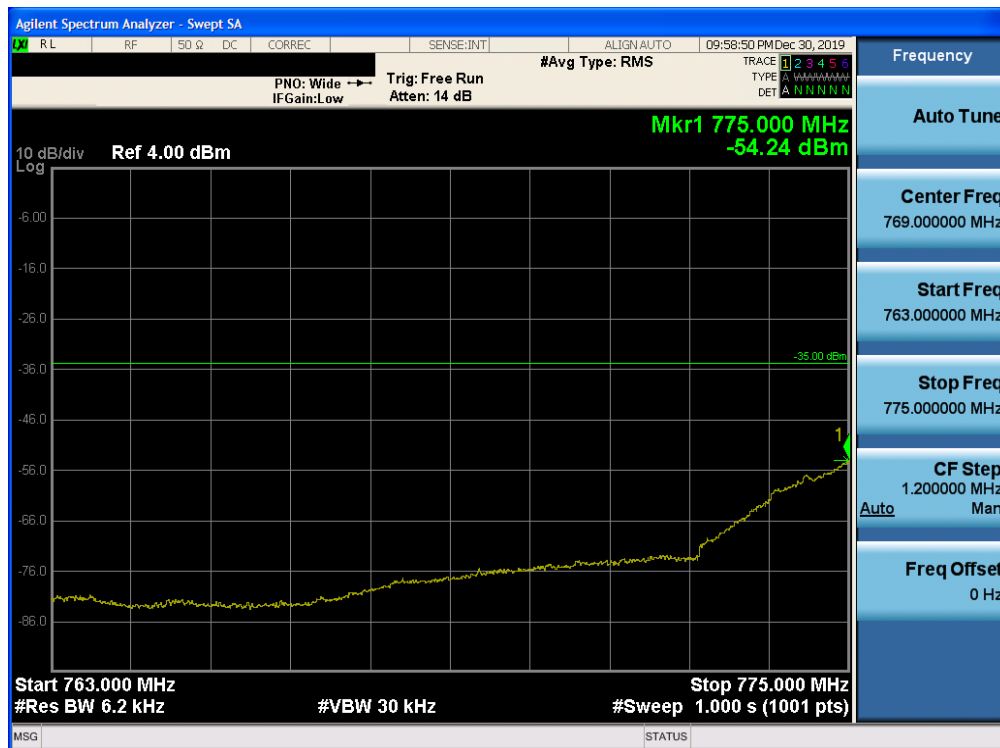




## Band 13



Plot 7-181. Lower Band Edge Plot (Band 13 – 5.0MHz QPSK – RB Size 25)



Plot 7-182. Lower Emission Mask Edge Plot (Band 13 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Agilent Spectrum Analyzer - Swept SA

☒ R L    RF    50  $\Omega$     DC    CORREC    SENSE:INT    ALIGN:AUTO    10:00:47 PM Dec 30, 2019

PNO: Wide ☐    Trig: Free Run    #Avg Type: RMS    TRACE 1 2 3 4 5 6  
 IFGain:Low    Atten: 36 dB    TYPE A NNNNNNN    DET A NNNNNN

10 dB/div    Ref 25.00 dBm    **Mkr1 787.000 MHz**  
 Log    **-22.89 dBm**

Center Freq 787.000000 MHz  
 Start Freq 785.000000 MHz  
 Stop Freq 789.000000 MHz  
 CF Step 400.000 kHz  
 Auto Man  
 Freq Offset 0 Hz

Center 787.000 MHz    Span 4.000 MHz  
 #Res BW 100 kHz    #VBW 300 kHz    Sweep 2.000 ms (1001 pts)

MSG    STATUS

Agilent Spectrum Analyzer - Swept SA

☒ R L    RF    50  $\Omega$     DC    CORREC    SENSE:INT    ALIGN:AUTO    10:03:12 PM Dec 30, 2019

PNO: Wide  $\rightarrow$  Trig: Free Run  
 IF Gain: Low    Atten: 14 dB    #Avg Type: RMS

TRACE 1 2 3 4 5 6  
 TYPE A W W W W W W  
 DET A N N N N N N

10 dB/div    Ref 4.00 dBm  
 Log

Mkr1 793.494 MHz  
 -56.73 dBm

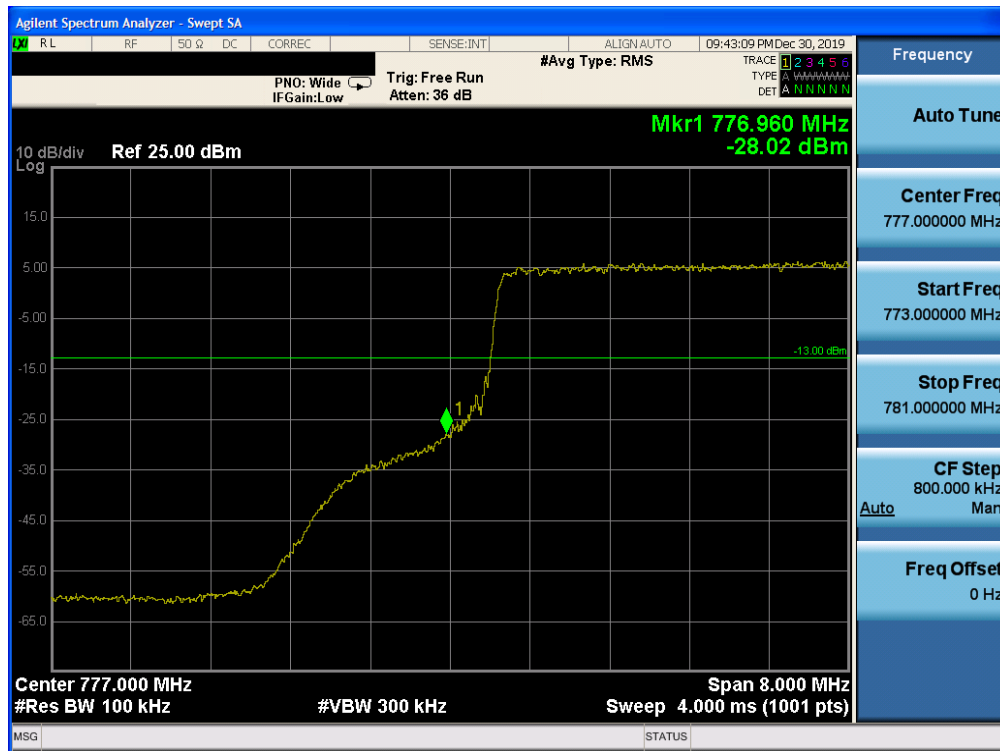
-35.00 dBm

Start 793.000 MHz    Stop 806.000 MHz  
 #Res BW 6.2 kHz    #VBW 30 kHz    #Sweep 1.000 s (1001 pts)

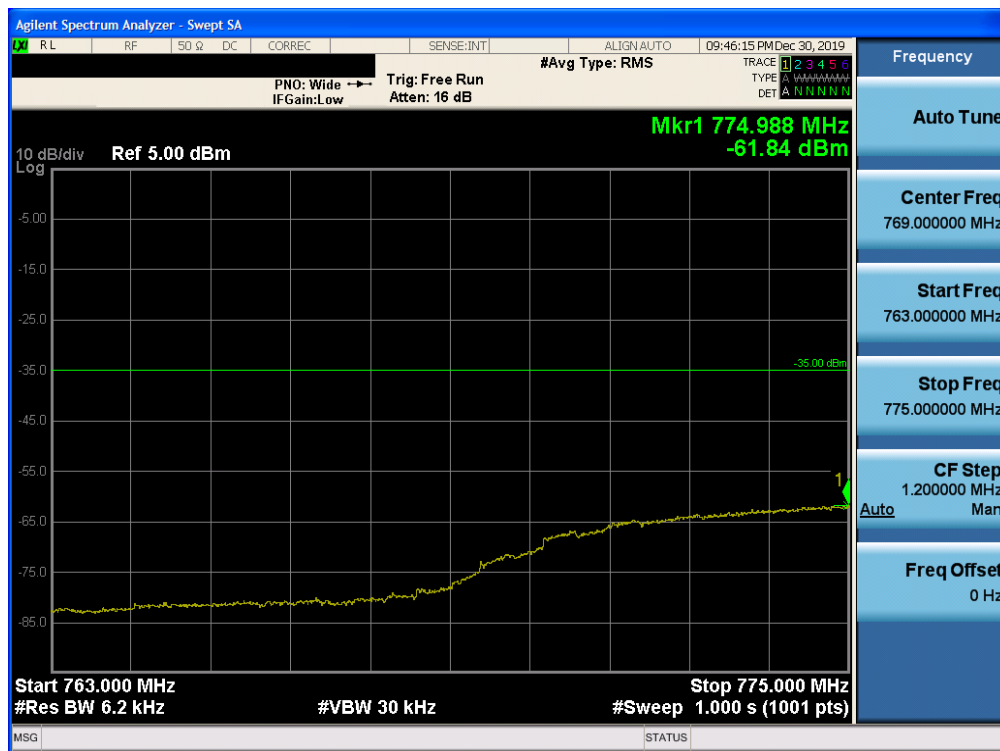
MSG    STATUS

Frequency  
 Auto Tune  
 Center Freq  
 799.500000 MHz  
 Start Freq  
 793.000000 MHz  
 Stop Freq  
 806.000000 MHz  
 CF Step  
 1.300000 MHz  
 Auto Man  
 Freq Offset  
 0 Hz

FCC ID: BCGA2232	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C1912170055-03-R1.BCG	<b>Test Dates:</b> 12/10/2019 - 02/25/2020	<b>EUT Type:</b> Tablet Device	Page 121 of 401

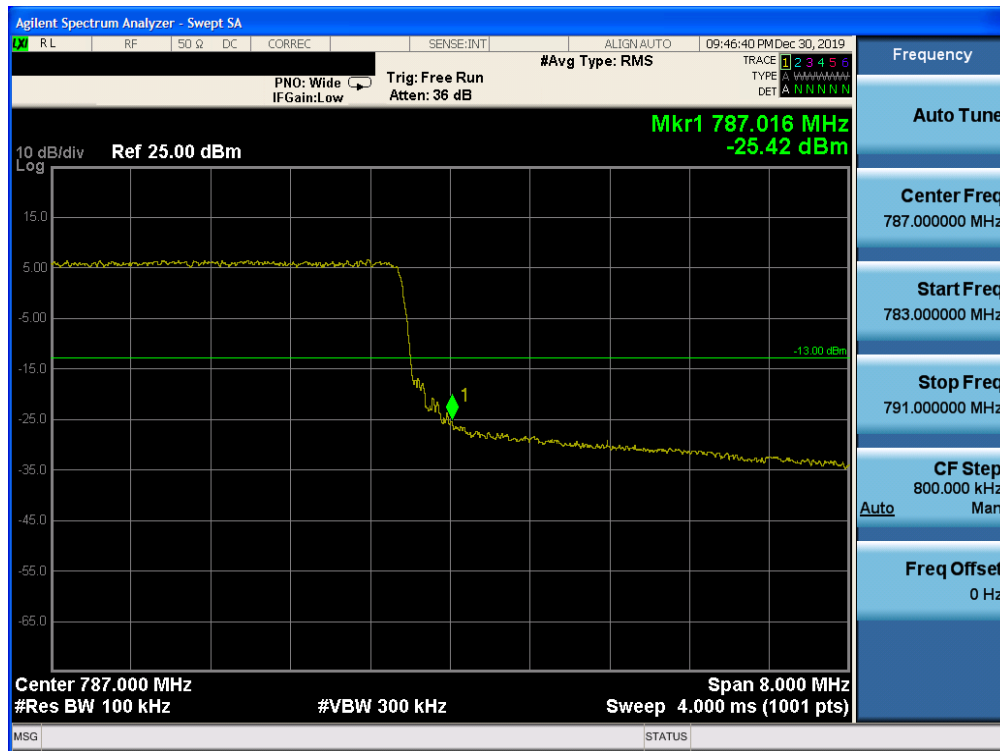


Plot 7-185. Lower Band Edge Plot (Band 13 – 10.0MHz QPSK – RB Size 50)



Plot 7-186. Lower Emission Mask Edge Plot (Band 13 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 122 of 401



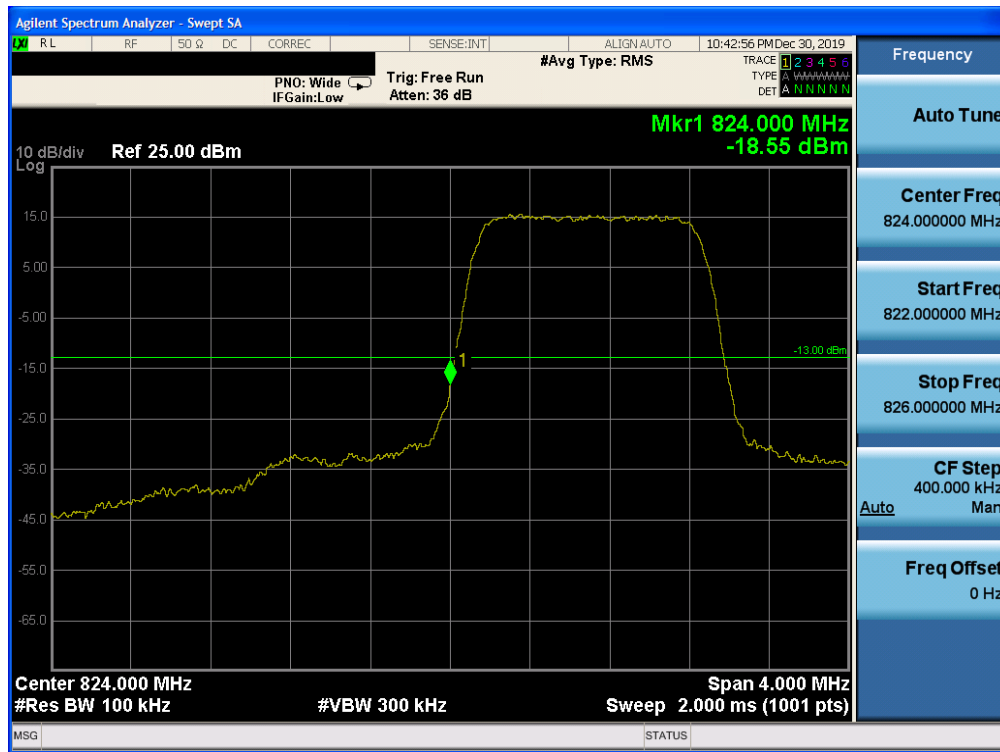
Plot 7-187. Upper Band Edge Plot (Band 13 - 10.0MHz QPSK - RB Size 50)



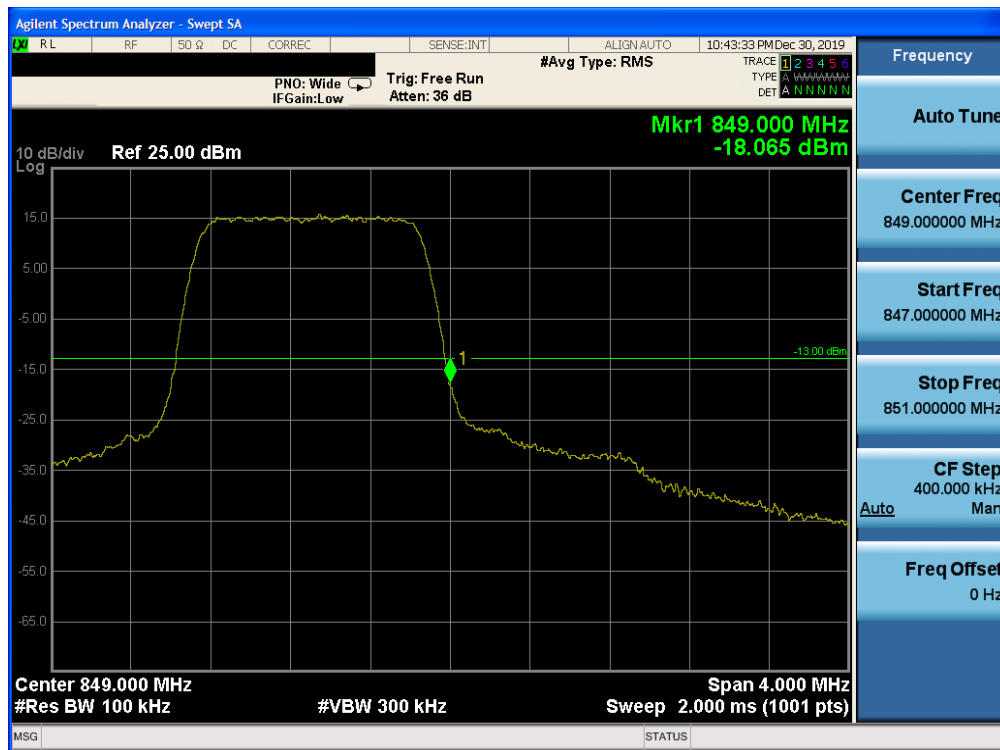
Plot 7-188. Upper Emission Mask Edge Plot (Band 13 - 10.0MHz QPSK - RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 123 of 401

## Band 5



Plot 7-189. Lower Band Edge Plot (Band 5 – 1.4MHz QPSK – RB Size 6)



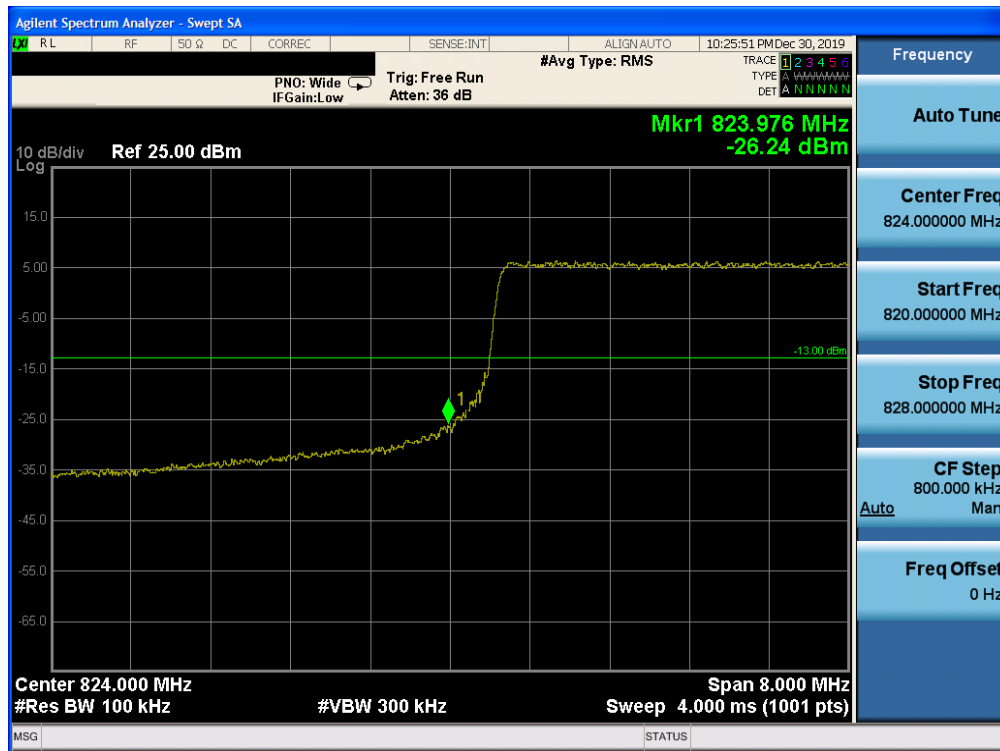
Plot 7-190. Upper Band Edge Plot (Band 5 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 124 of 401

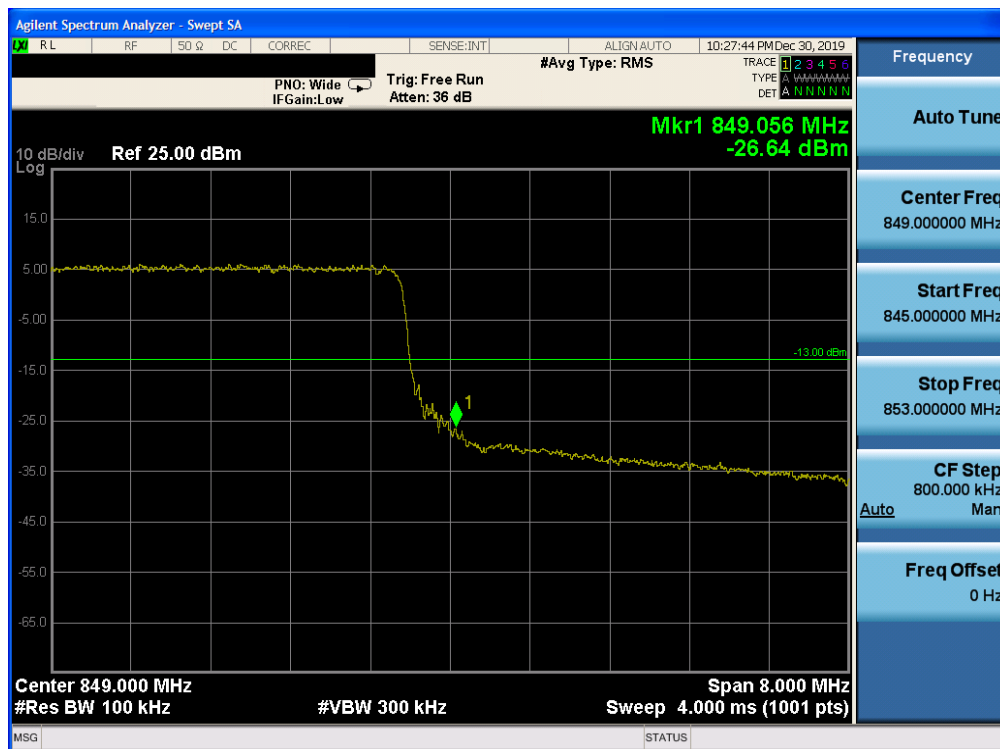






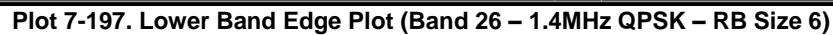


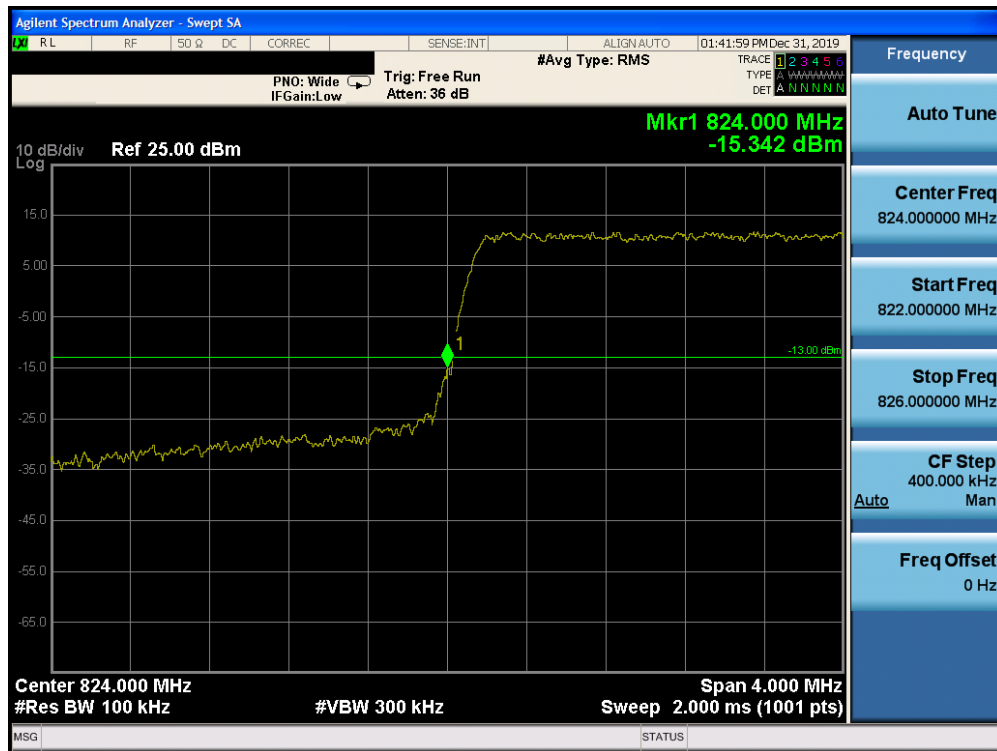
Plot 7-195. Lower Band Edge Plot (Band 5 – 10.0MHz QPSK – RB Size 50)



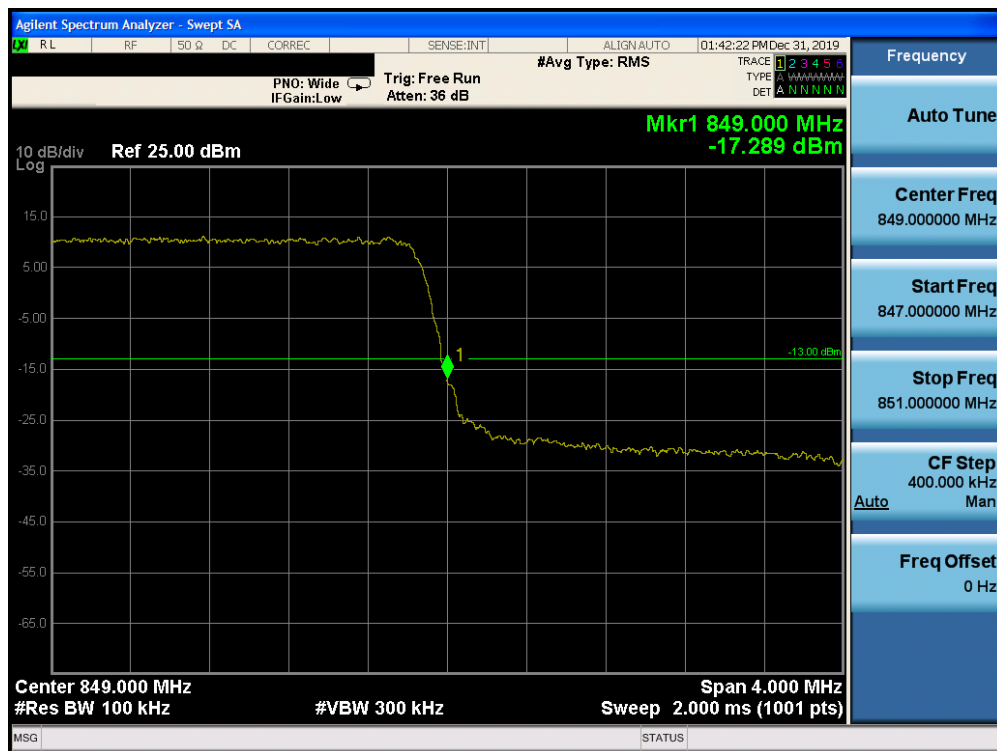
Plot 7-196. Upper Band Edge Plot (Band 5 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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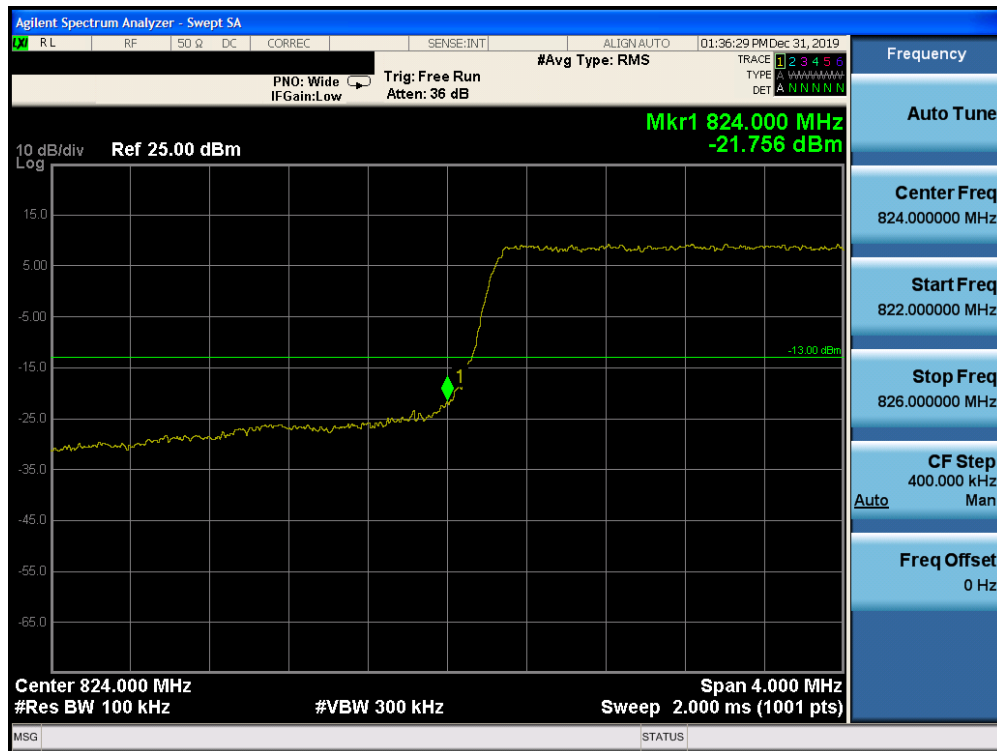


Plot 7-199. Lower Band Edge Plot (Band 26 – 3.0MHz QPSK – RB Size 15)



Plot 7-200. Upper Band Edge Plot (Band 26 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 129 of 401



Plot 7-201. Lower Band Edge Plot (Band 26 - 5.0MHz QPSK - RB Size 25)

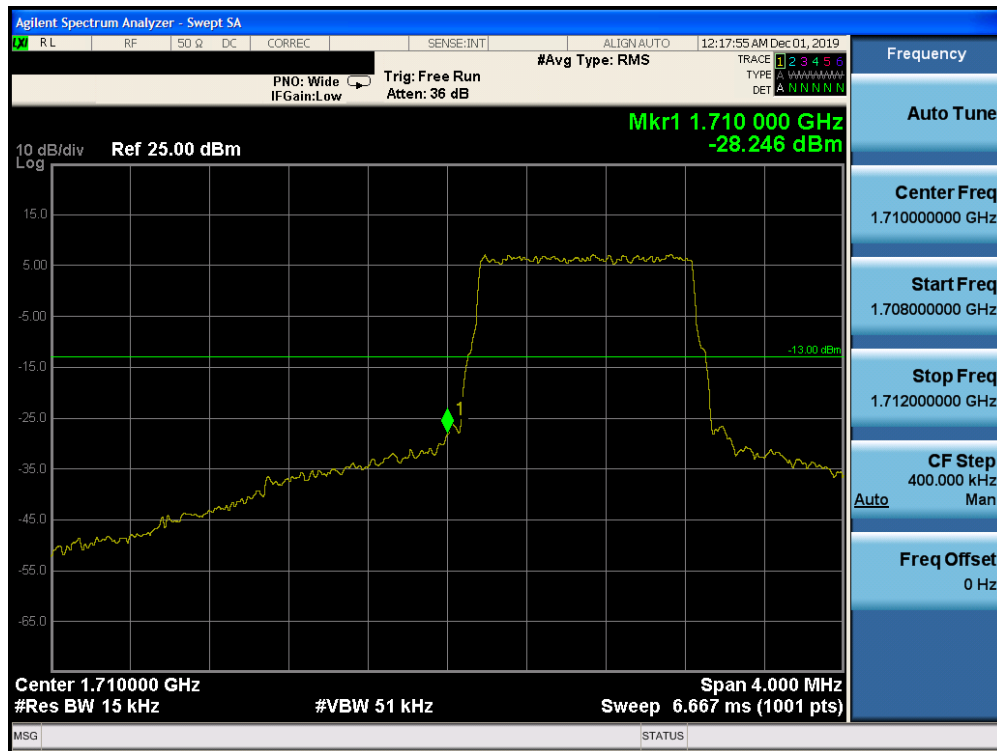


Plot 7-202. Upper Band Edge Plot (Band 26 - 5.0MHz QPSK - RB Size 25)

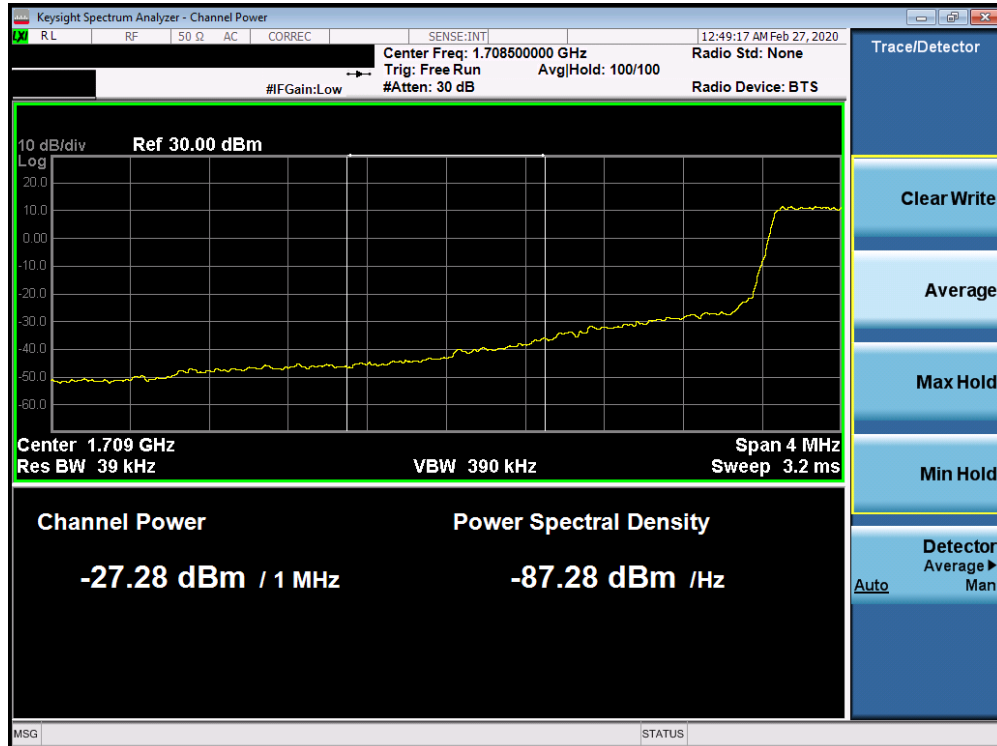
FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 130 of 401



## Band 4

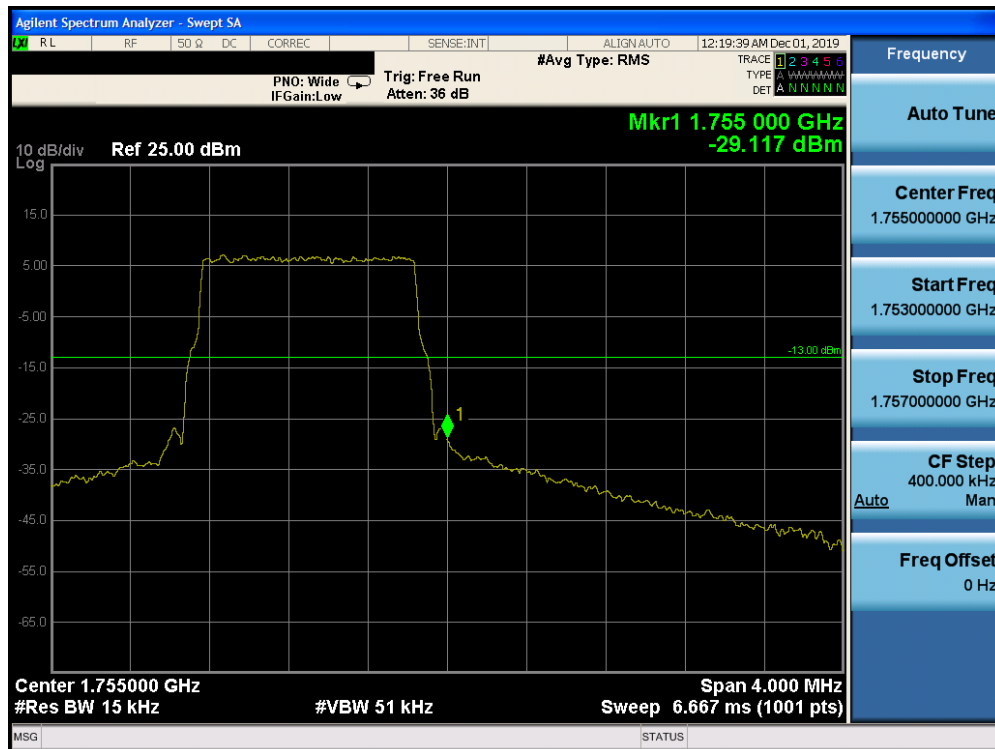


Plot 7-205. Lower Band Edge Plot (Band 4 – 1.4MHz QPSK – RB Size 6)

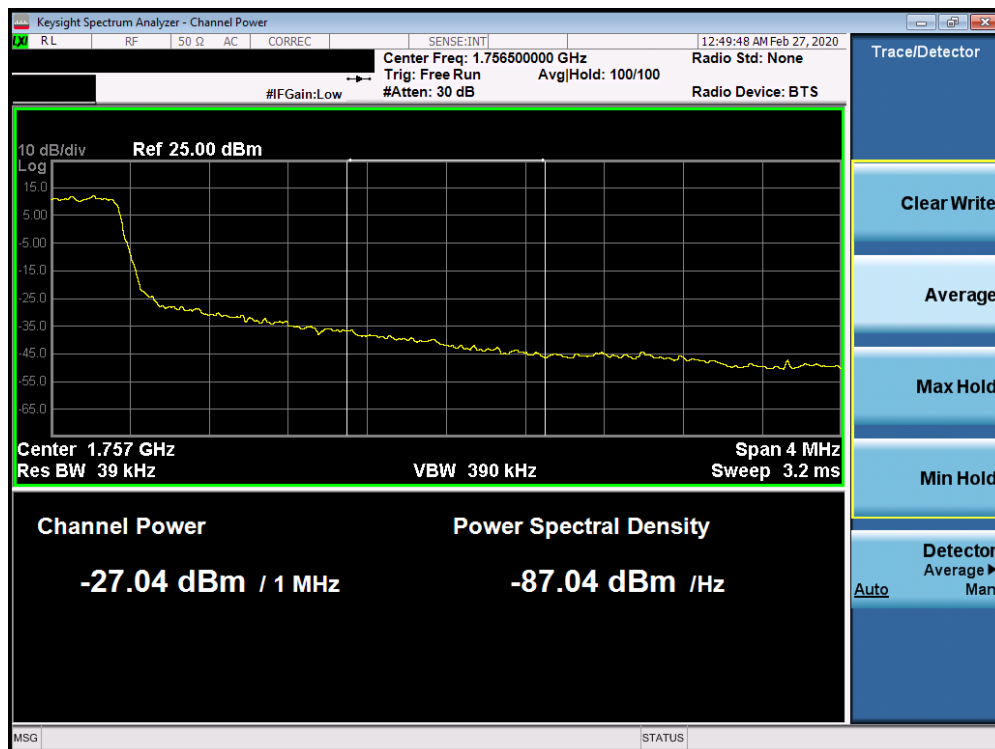


Plot 7-206. Lower Extended Band Edge Plot (Band 4 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 132 of 401

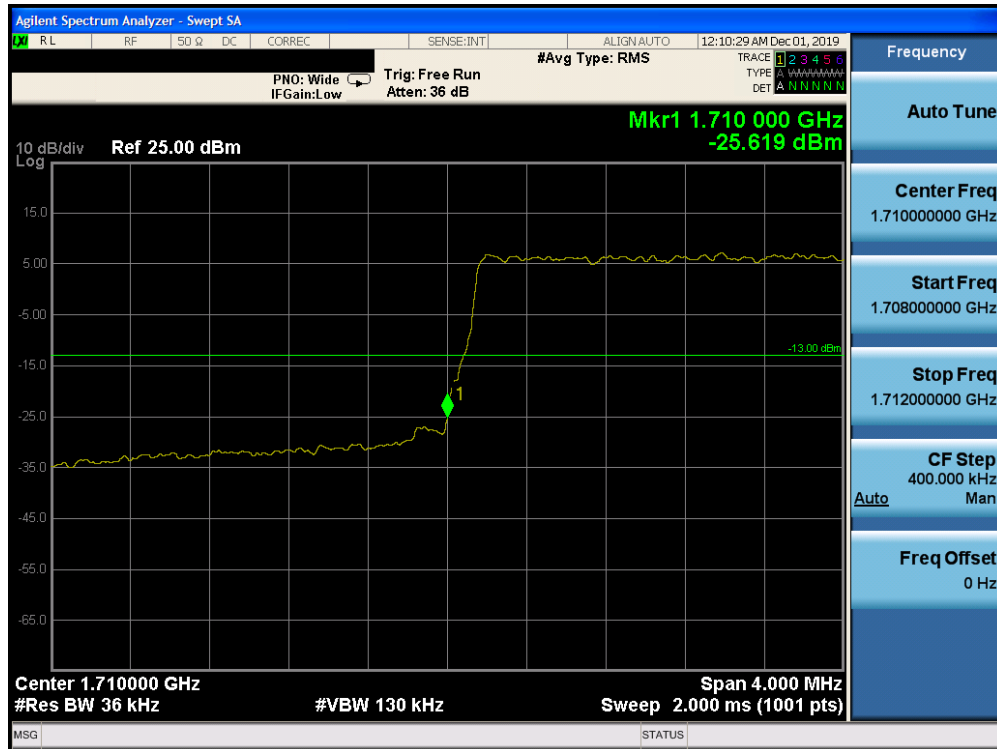


Plot 7-207. Upper Band Edge Plot (Band 4 – 1.4MHz QPSK – RB Size 6)

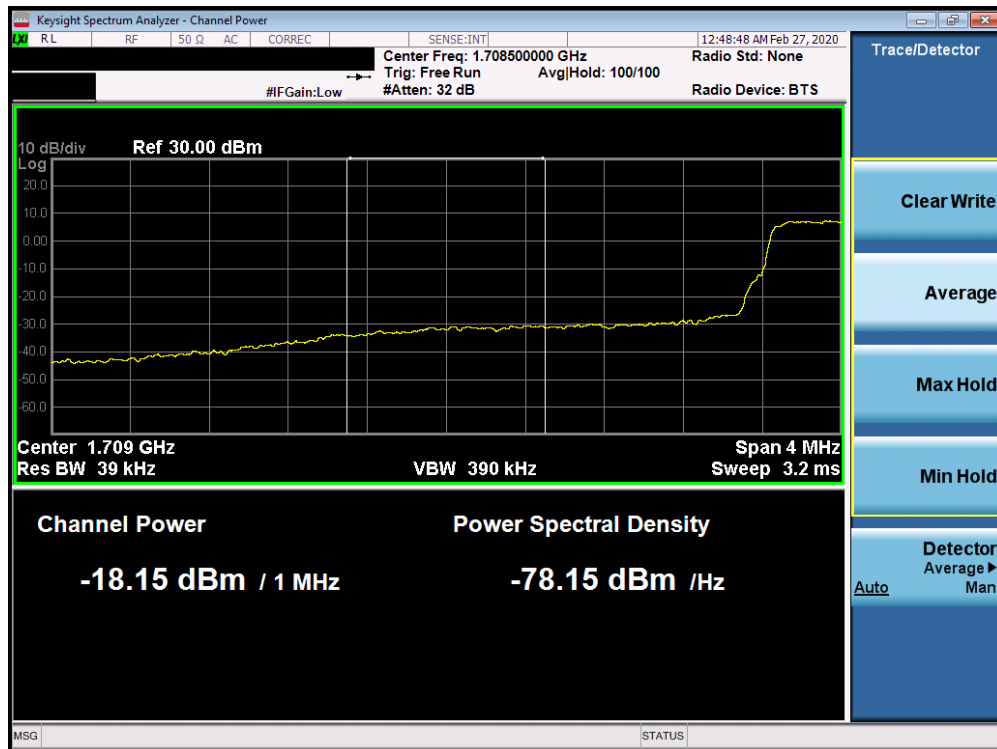


Plot 7-208. Upper Extended Band Edge Plot (Band 4 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 133 of 401



Plot 7-209. Lower Band Edge Plot (Band 4 – 3.0MHz QPSK – RB Size 15)



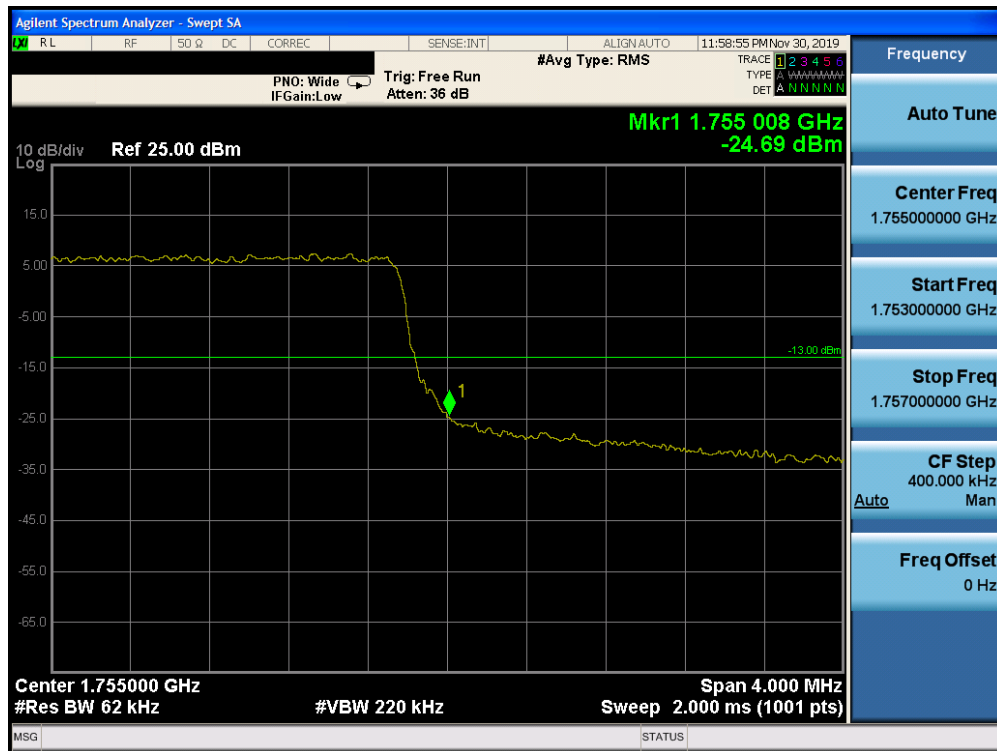
Plot 7-210. Lower Extended Band Edge Plot (Band 4 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 134 of 401

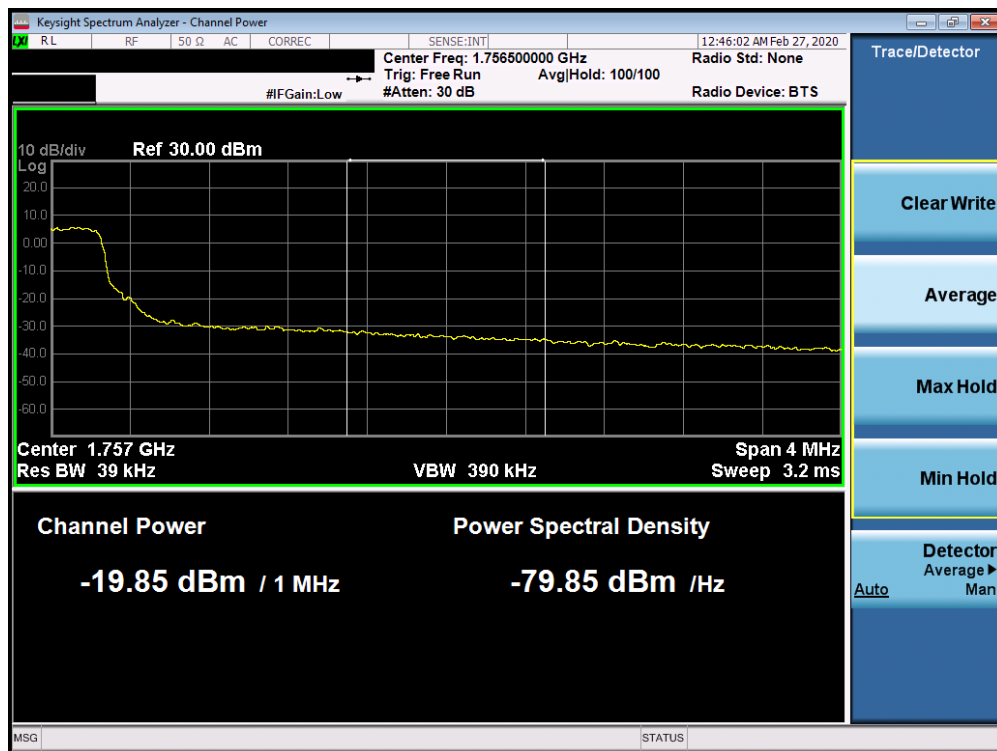






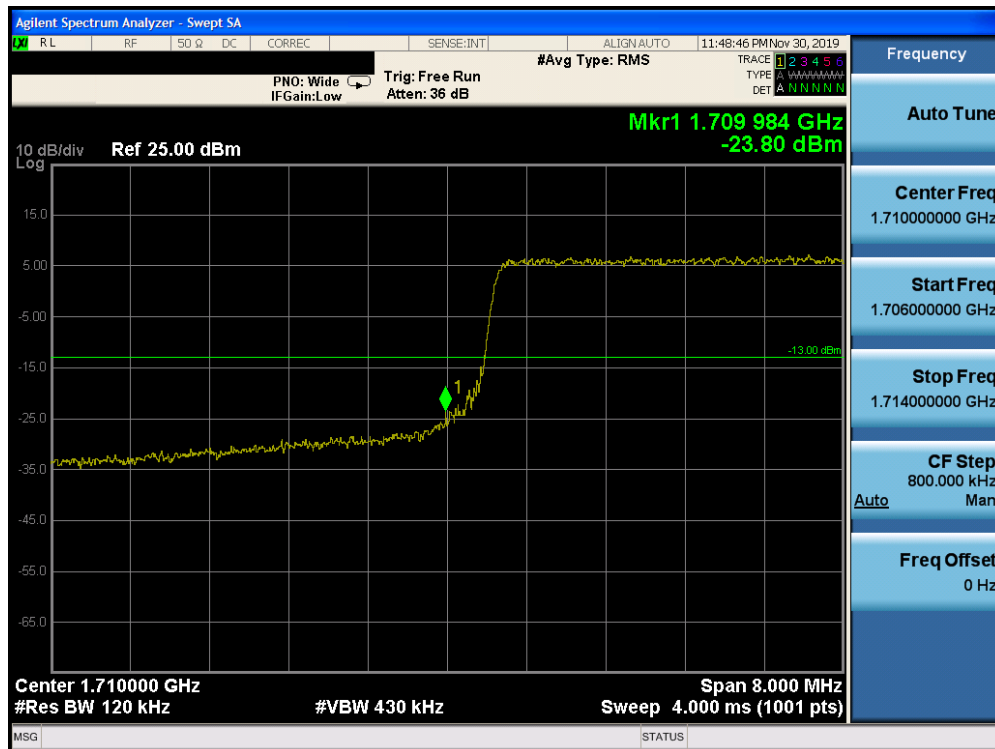


Plot 7-215. Upper Band Edge Plot (Band 4 – 5.0MHz QPSK – RB Size 25)

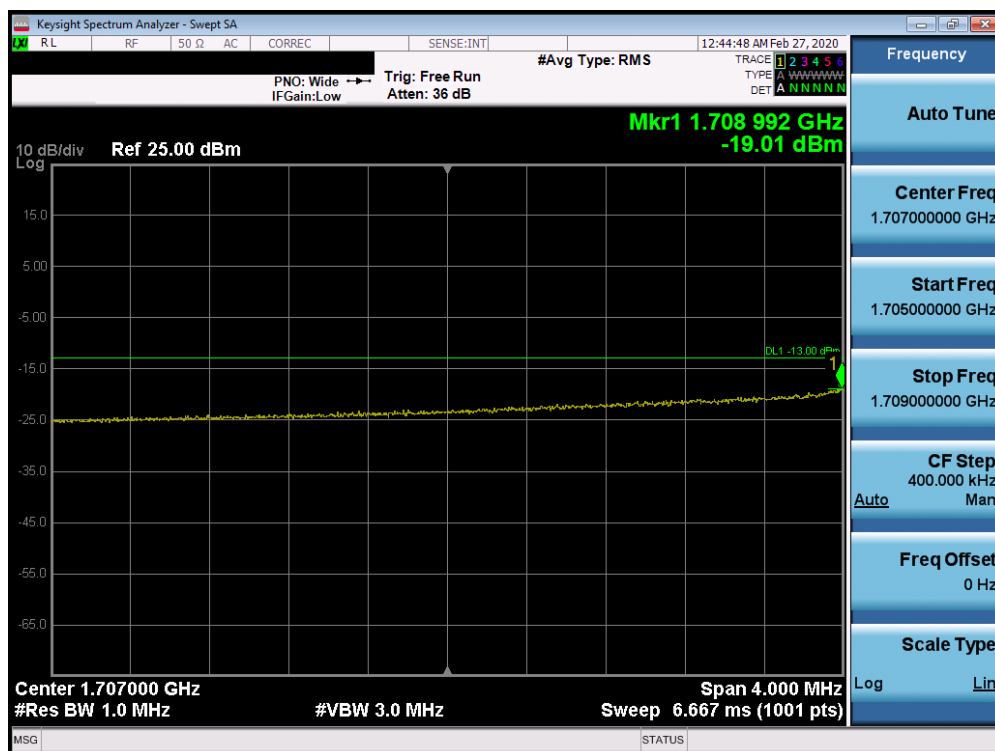


Plot 7-216. Upper Extended Band Edge Plot (Band 4 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 137 of 401



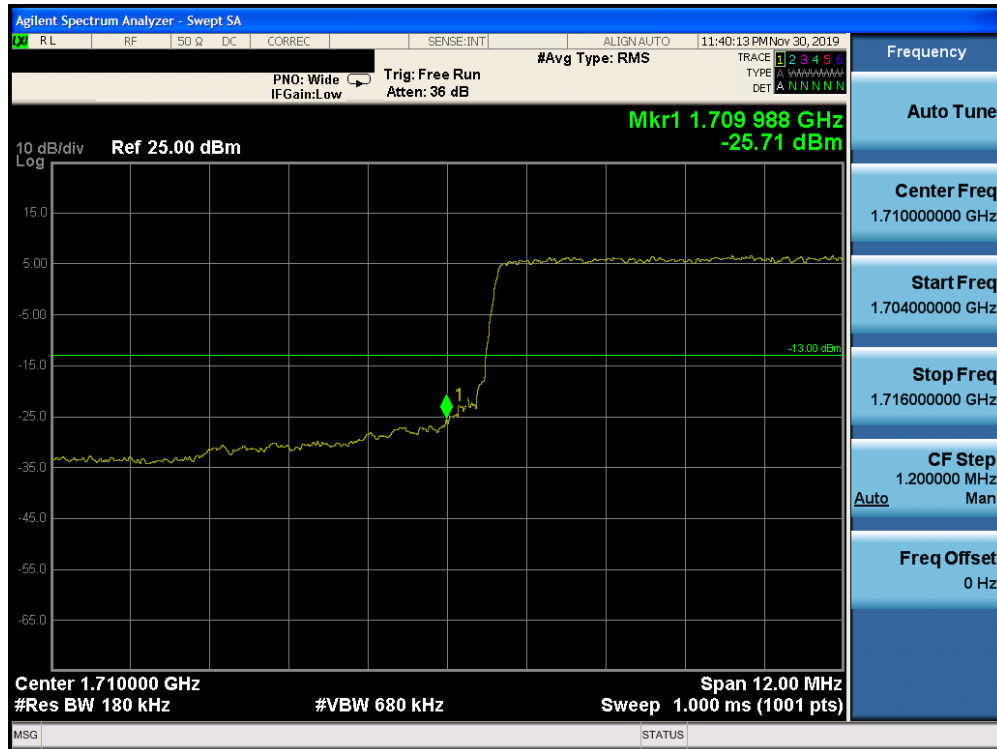
Plot 7-217. Lower Band Edge Plot (Band 4 – 10.0MHz QPSK – RB Size 50)



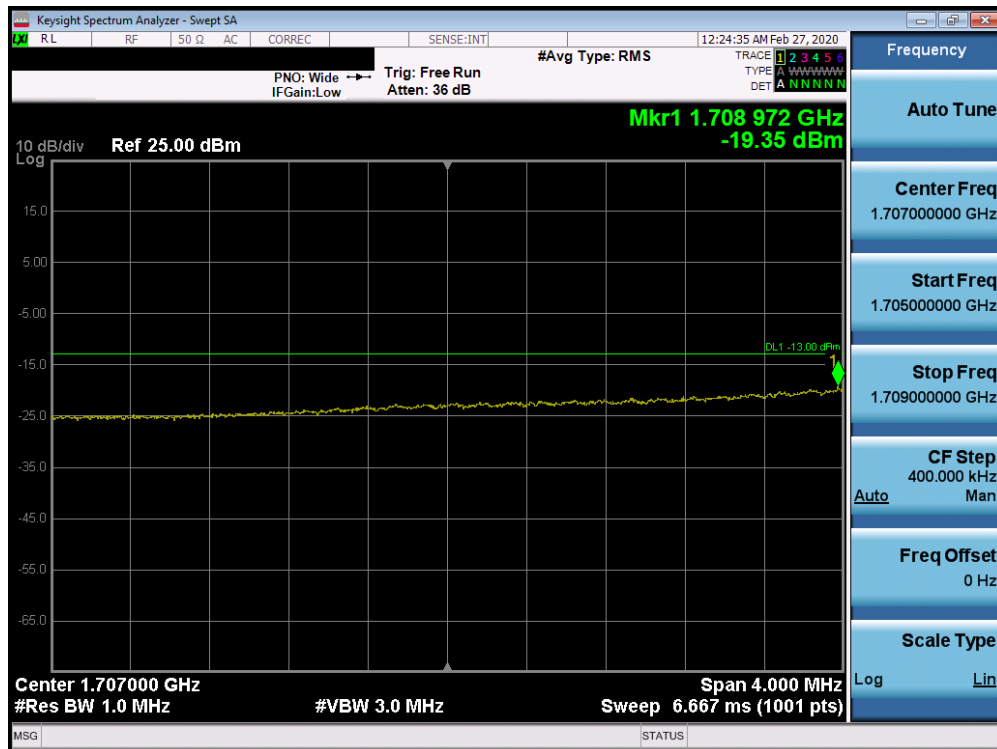
Plot 7-218. Lower Extended Band Edge Plot (Band 4 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 138 of 401



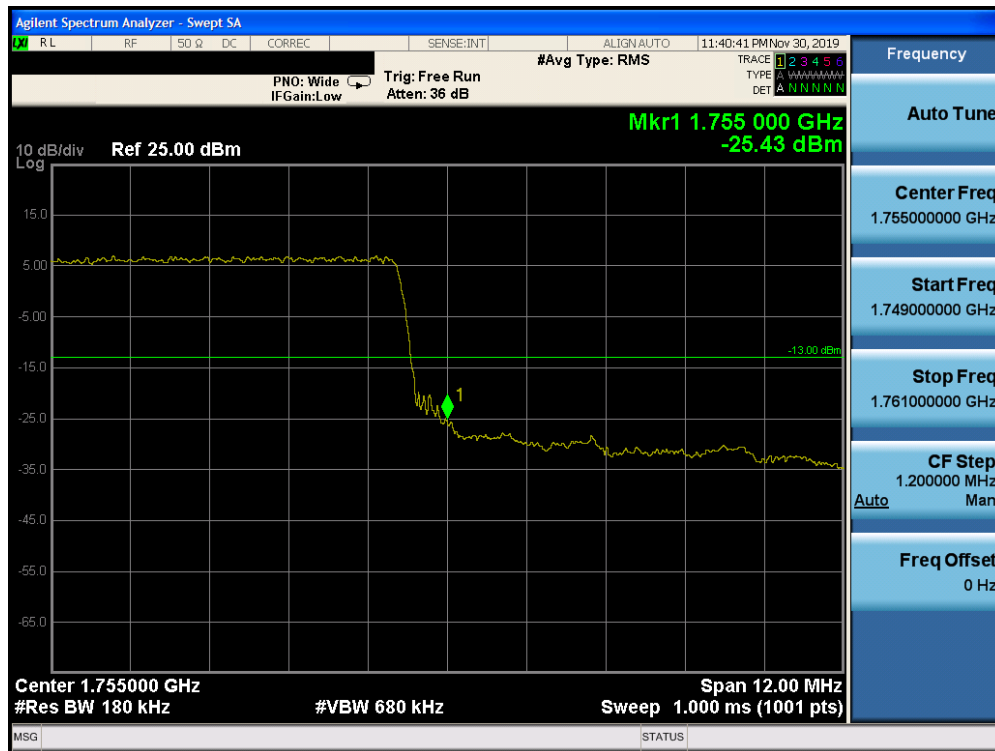


Plot 7-221. Lower Band Edge Plot (Band 4 – 15.0MHz QPSK – RB Size 75)

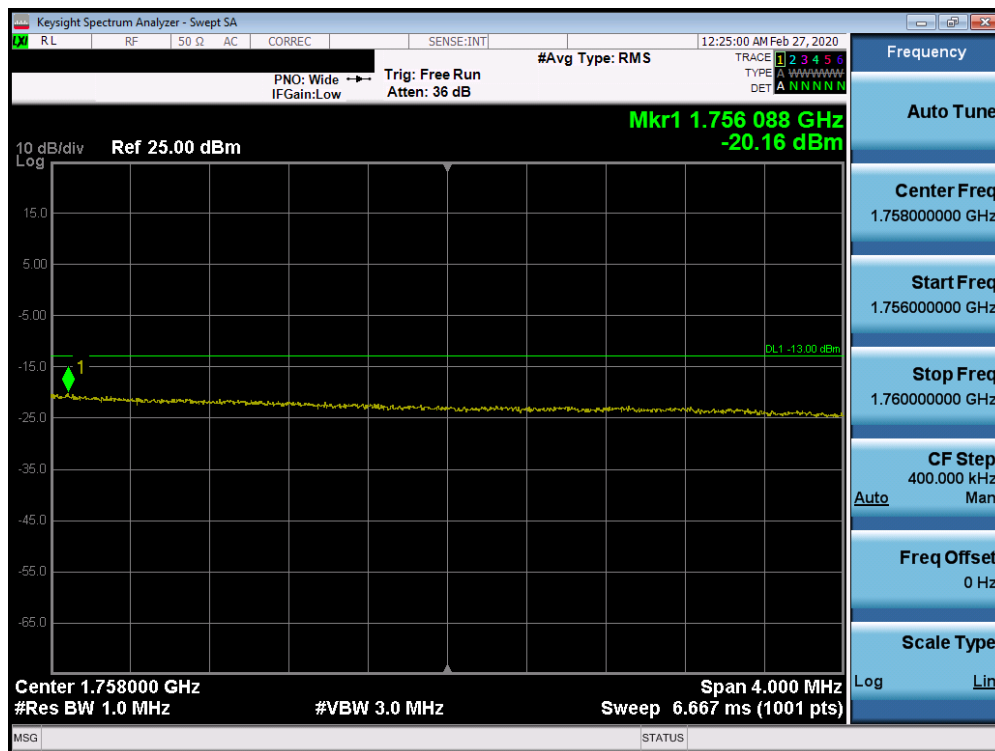


Plot 7-222. Lower Extended Band Edge Plot (Band 4 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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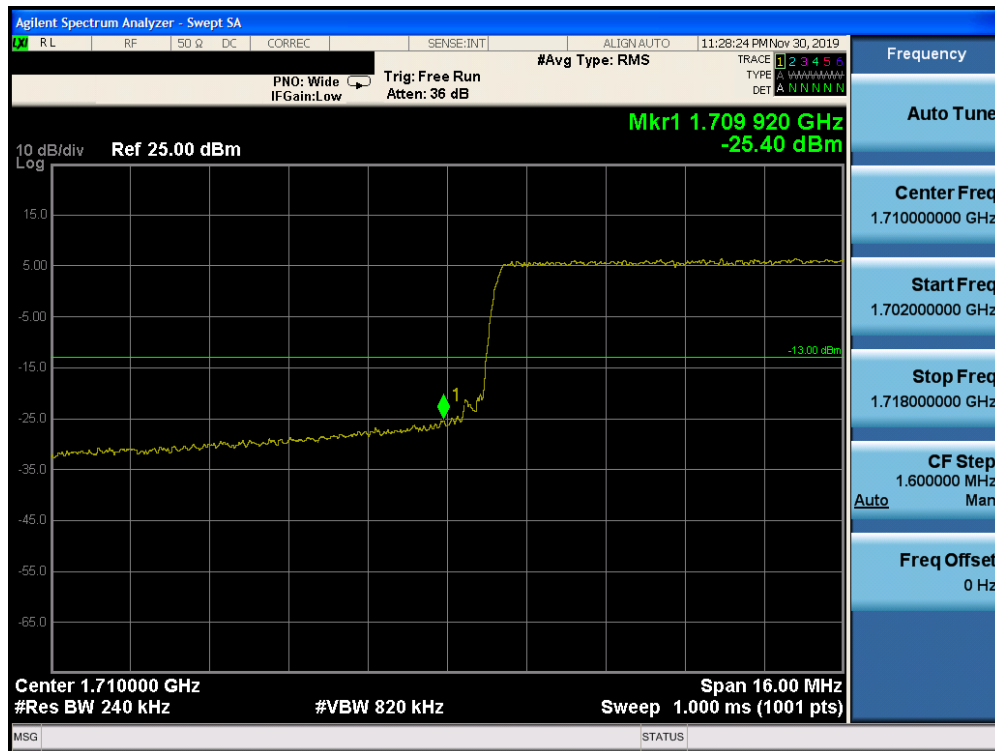
Plot 7-223. Upper Band Edge Plot (Band 4 - 15.0MHz QPSK - RB Size 75)



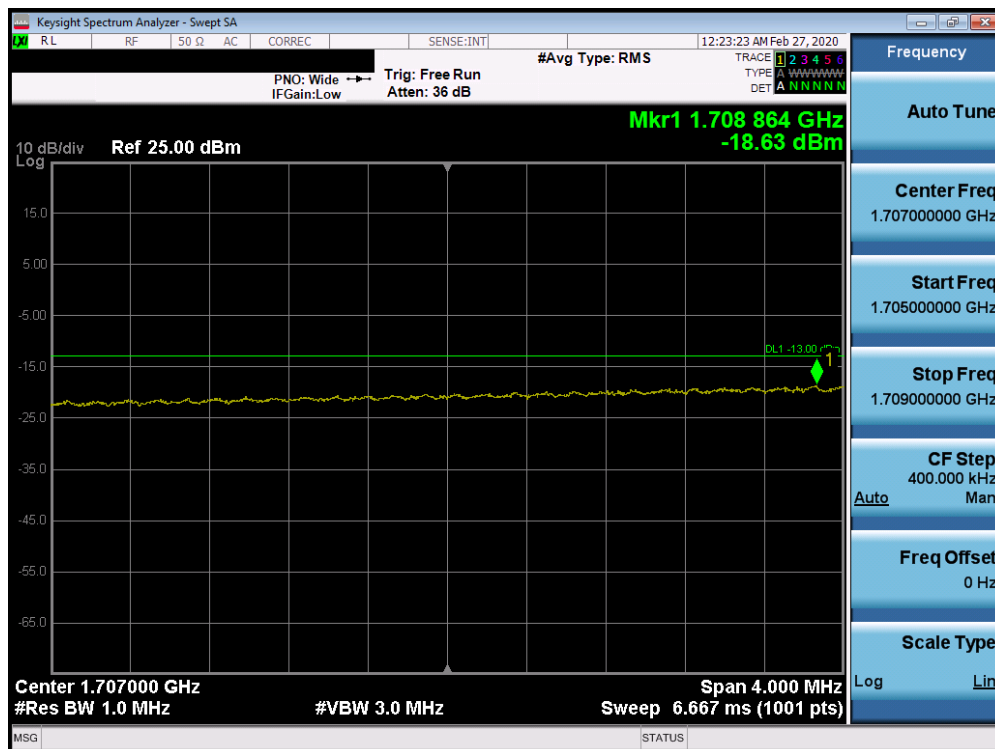
Plot 7-224. Upper Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-225. Lower Band Edge Plot (Band 4 – 20.0MHz QPSK – RB Size 100)



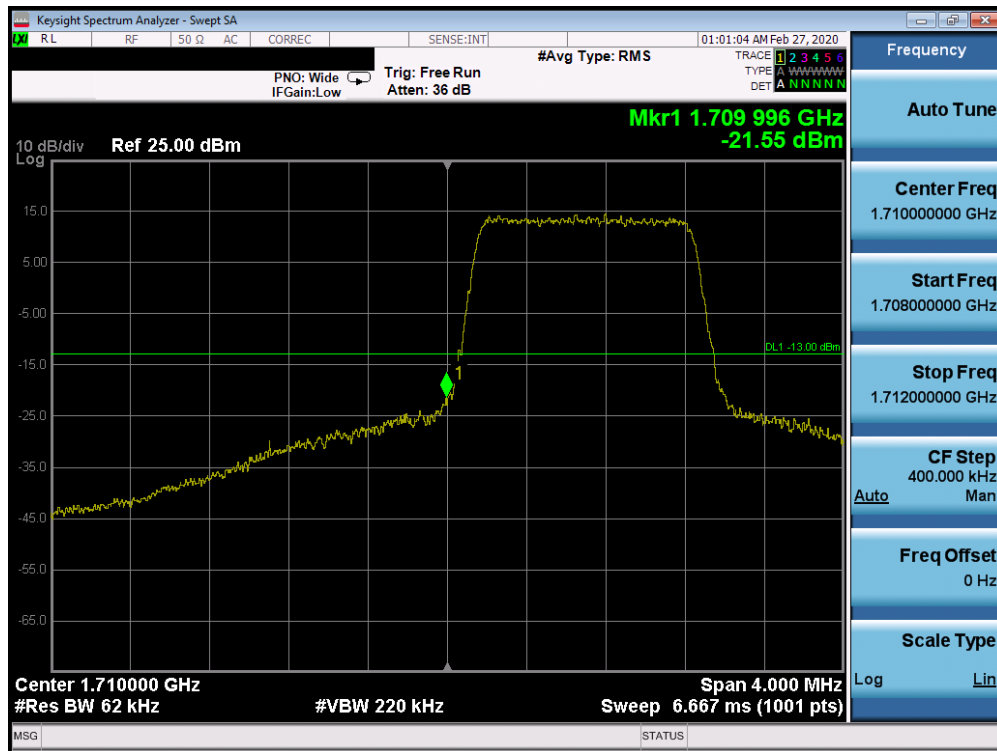
Plot 7-226. Lower Extended Band Edge Plot (Band 4 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 142 of 401

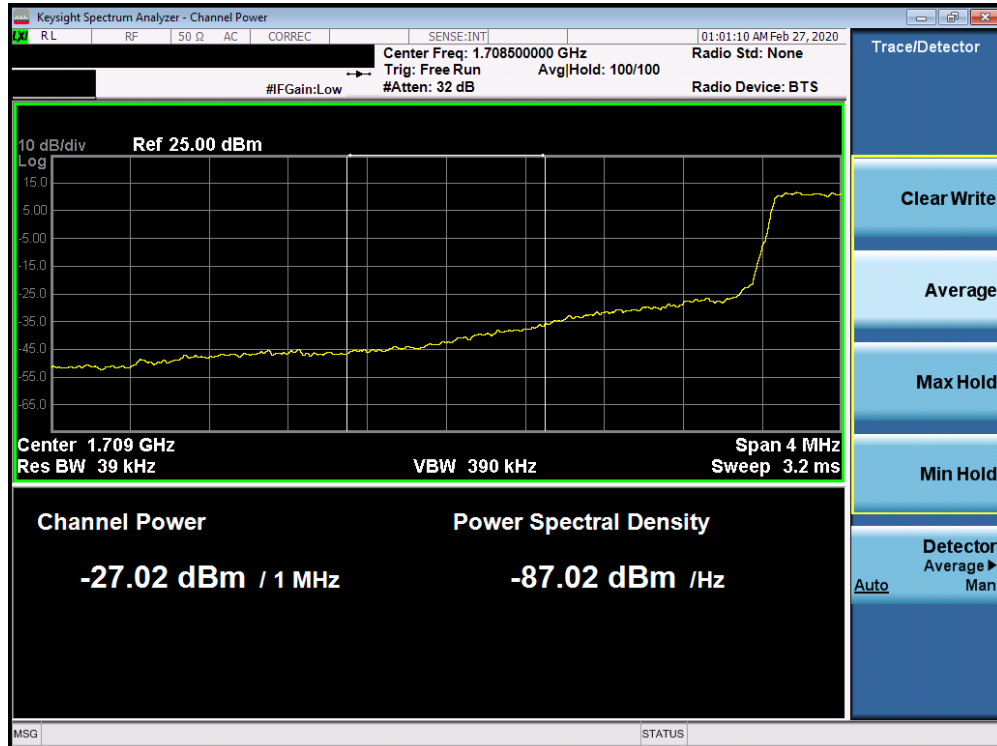




## Band 66

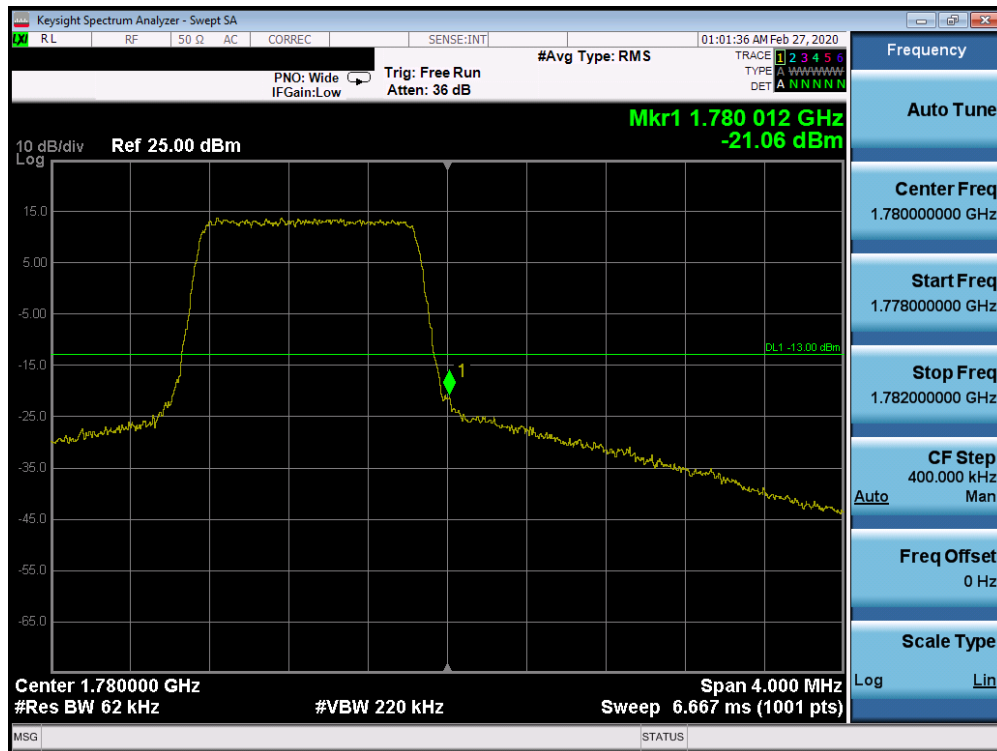


Plot 7-229. Lower Band Edge Plot (Band 66 – 1.4MHz QPSK – RB Size 6)

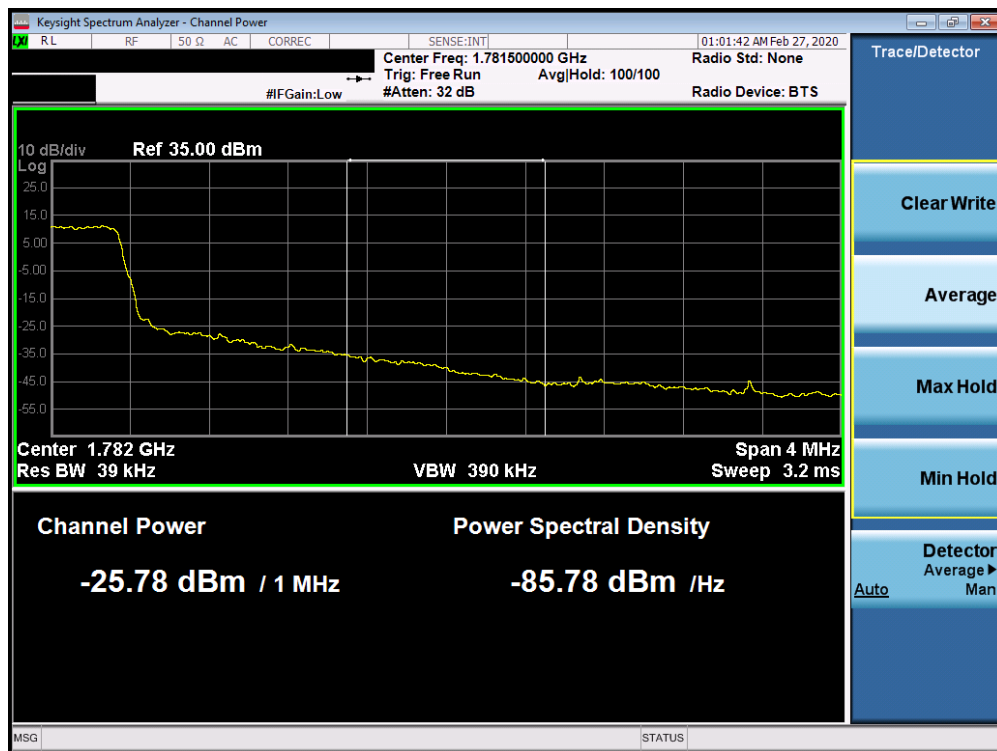


Plot 7-230. Lower Extended Band Edge Plot (Band 66 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 144 of 401

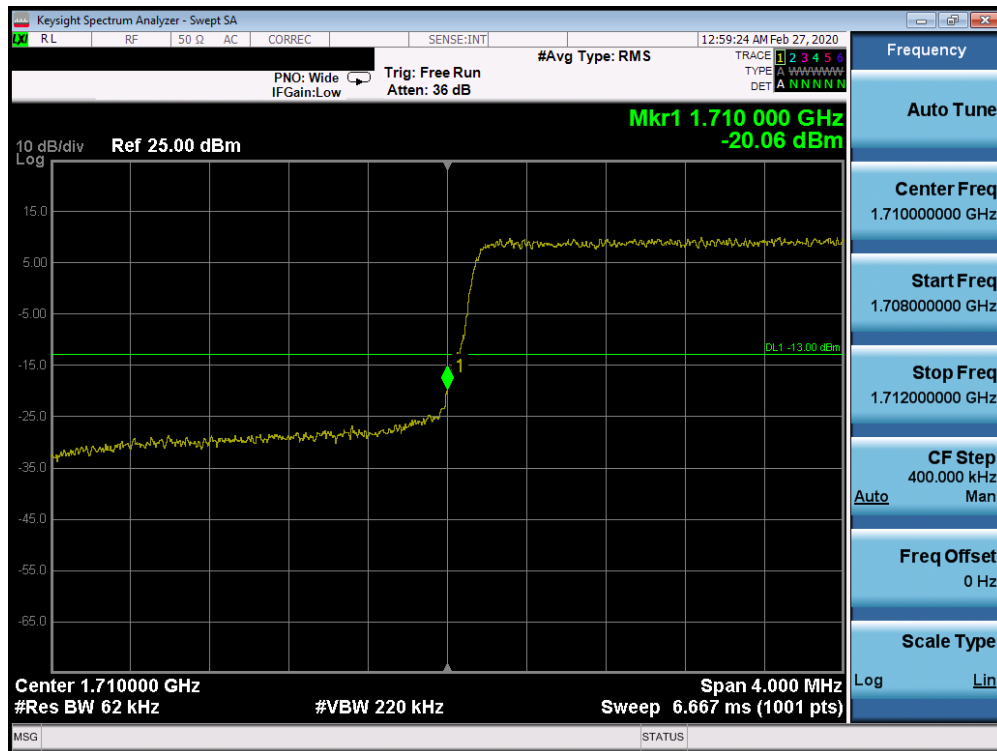


Plot 7-231. Upper Band Edge Plot (Band 66 – 1.4MHz QPSK – RB Size 6)

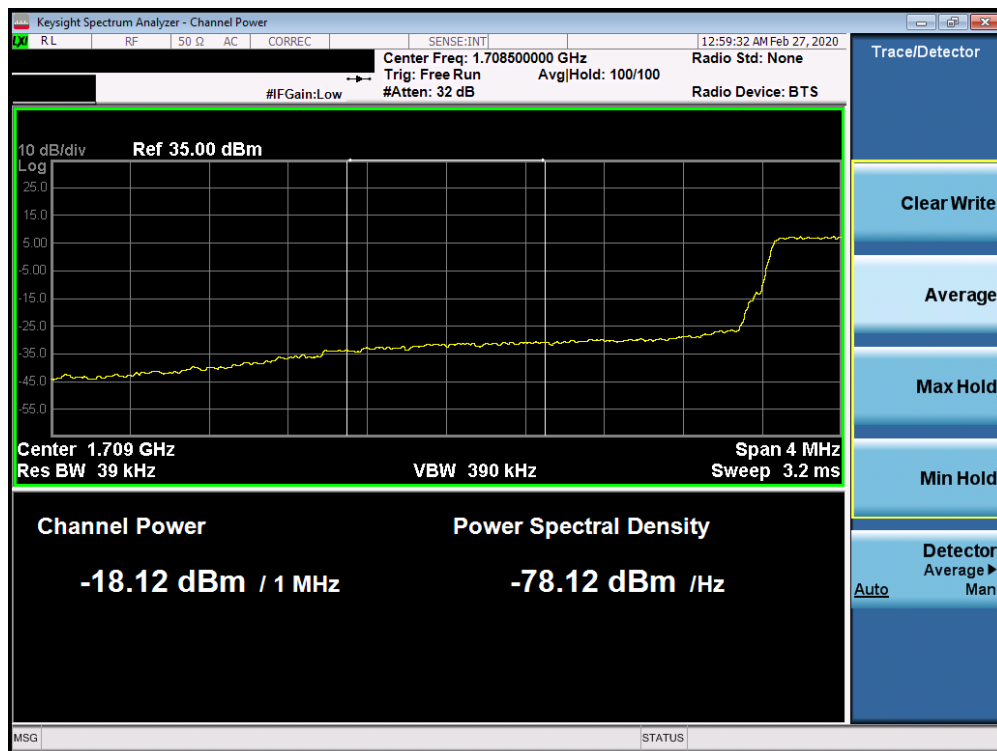


Plot 7-232. Upper Extended Band Edge Plot (Band 66 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 145 of 401

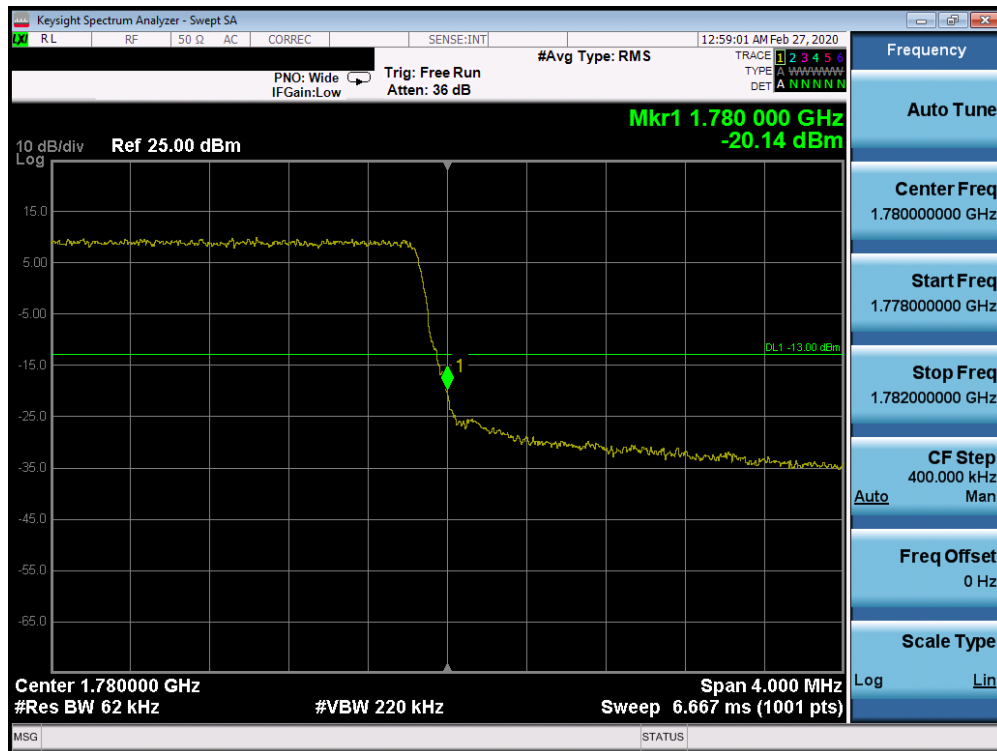


Plot 7-233. Lower Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

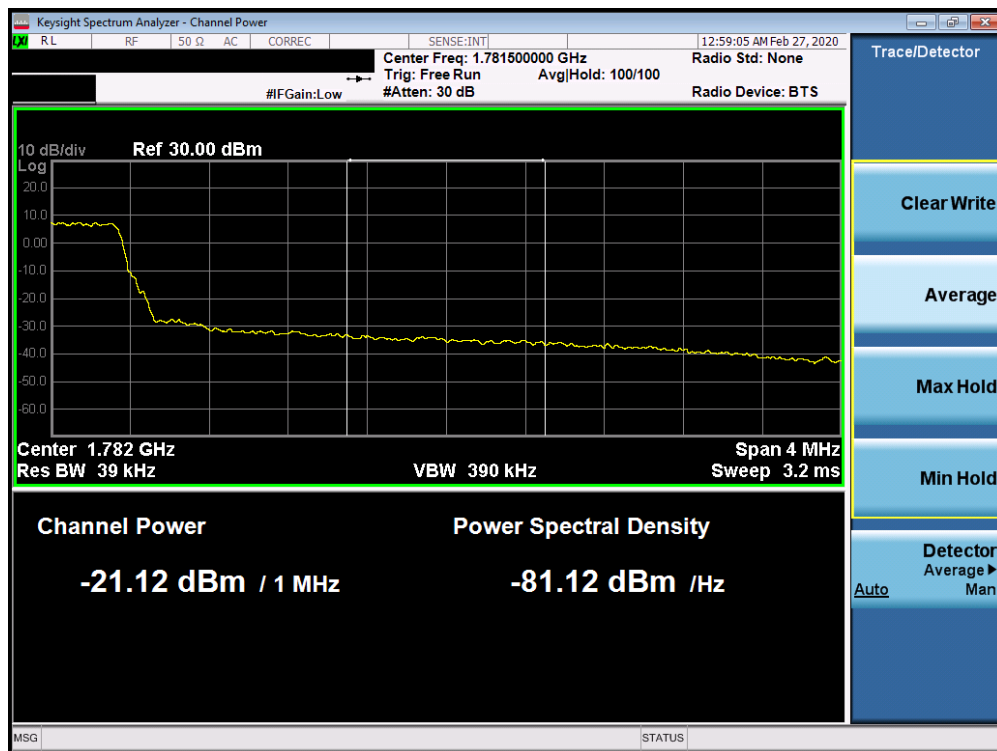


Plot 7-234. Lower Extended Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 146 of 401

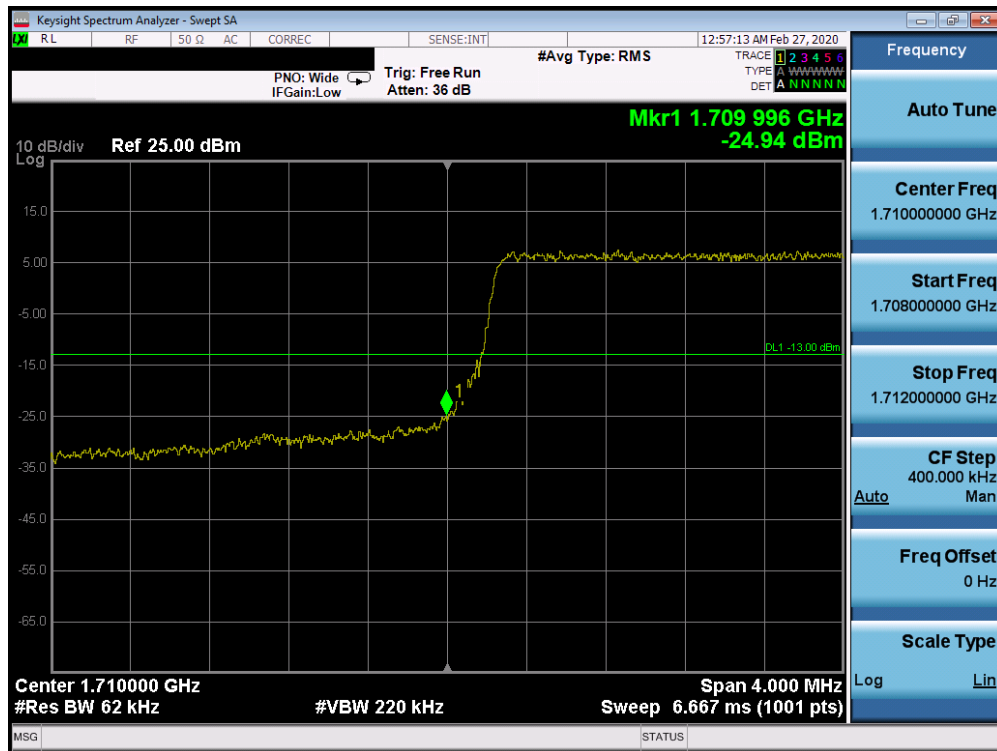


Plot 7-235. Upper Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

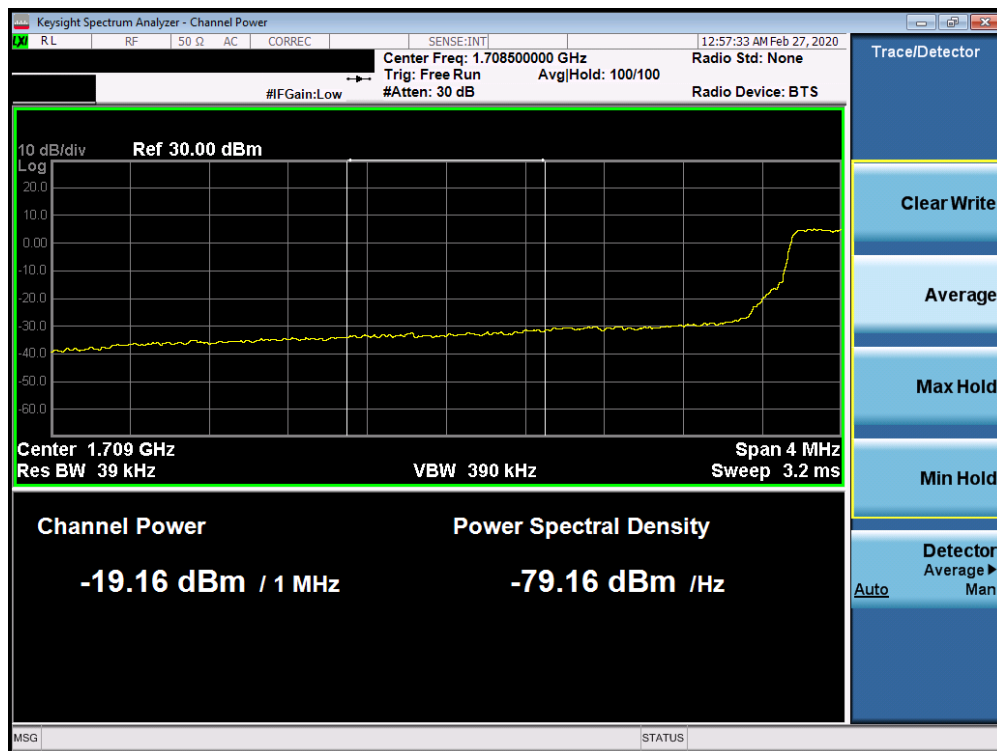


Plot 7-236. Upper Extended Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 147 of 401

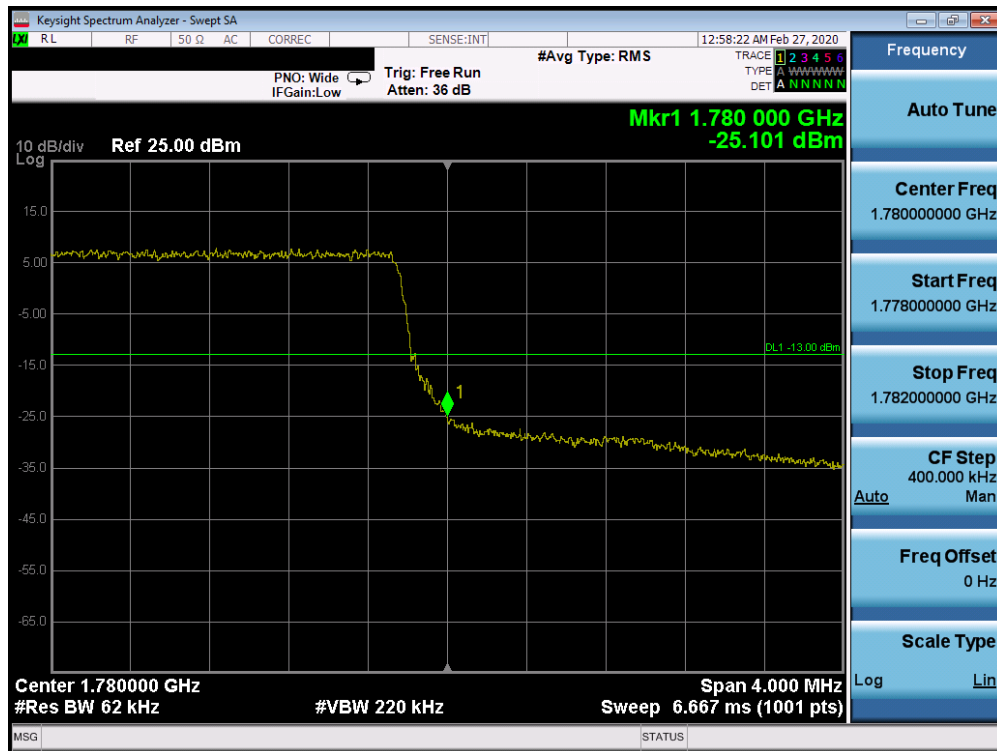


Plot 7-237. Lower Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

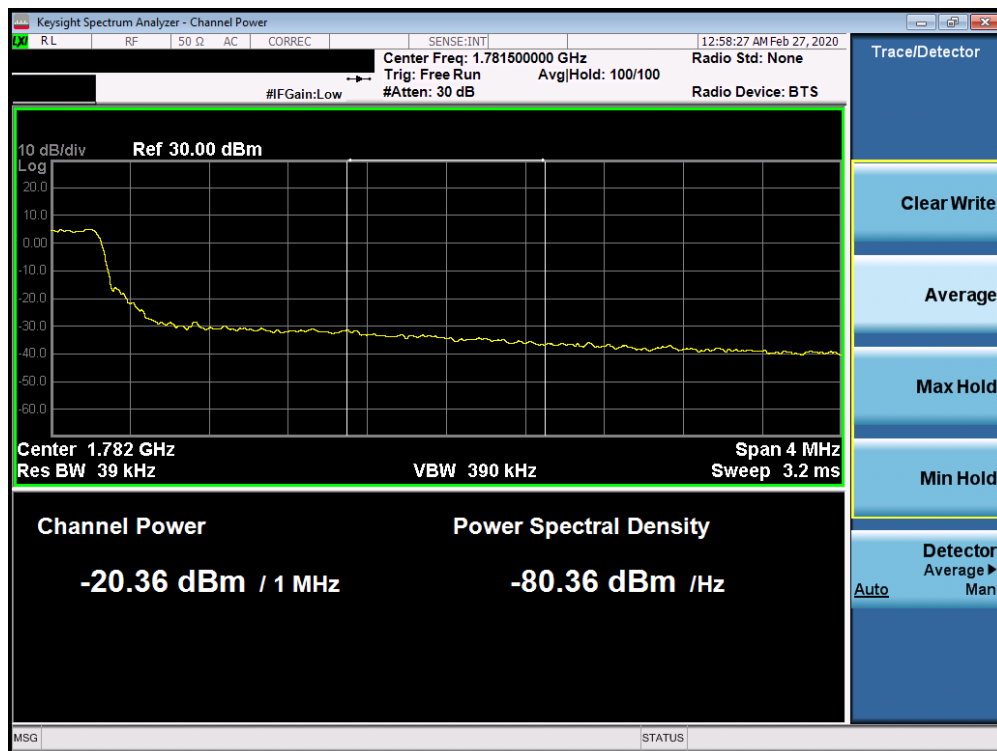


Plot 7-238. Lower Extended Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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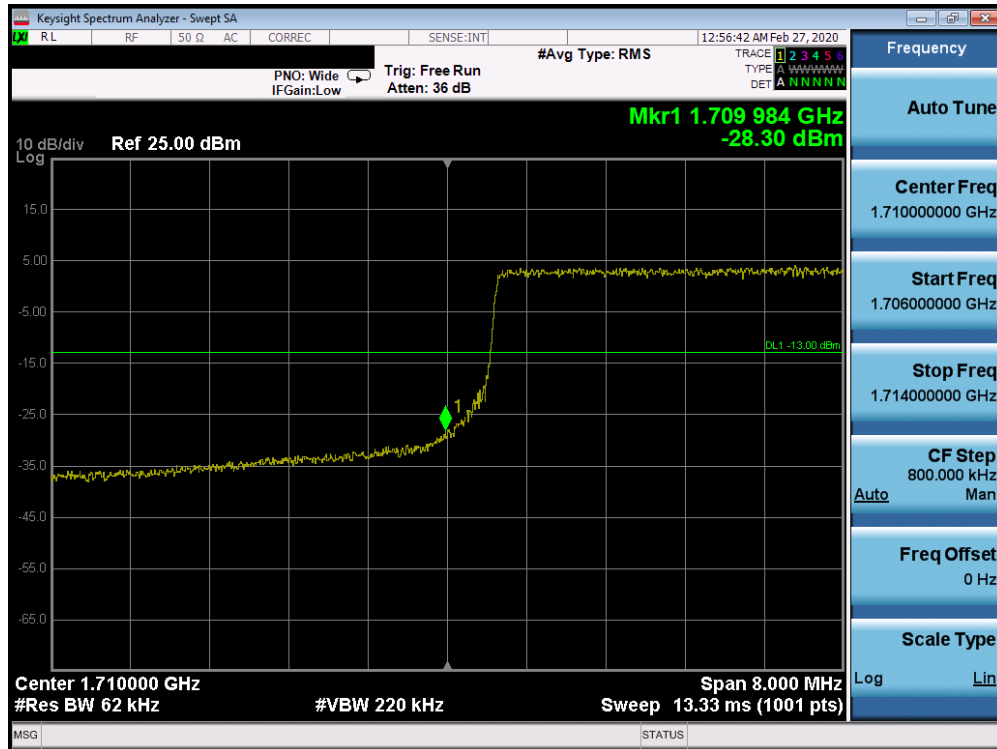
Plot 7-239. Upper Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)



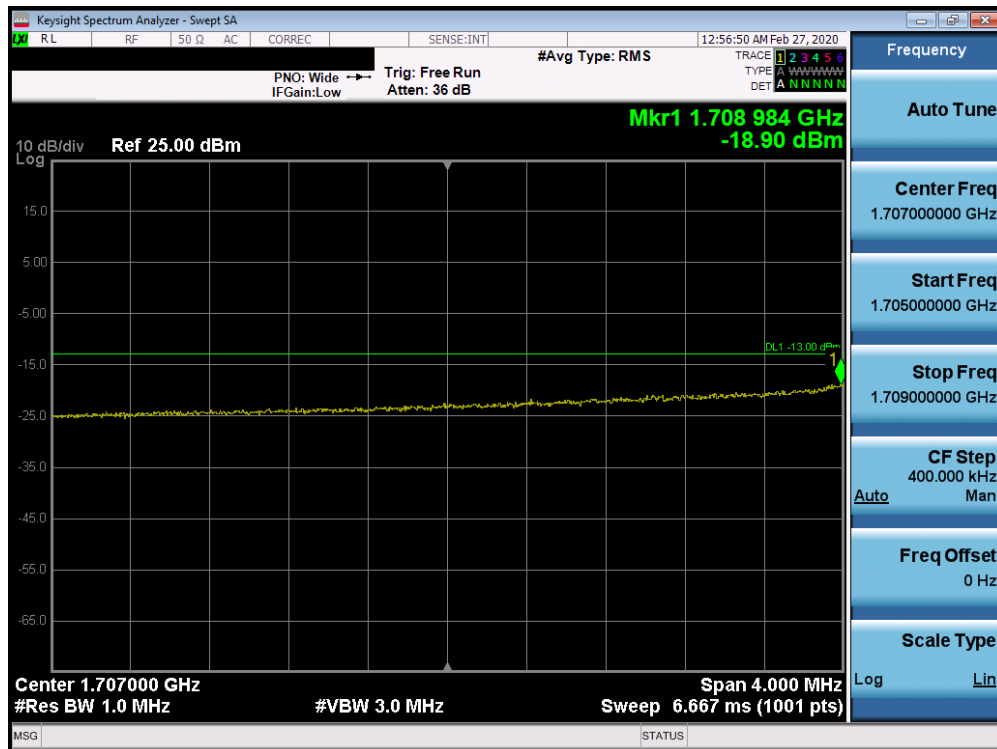
Plot 7-240. Upper Extended Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 149 of 401





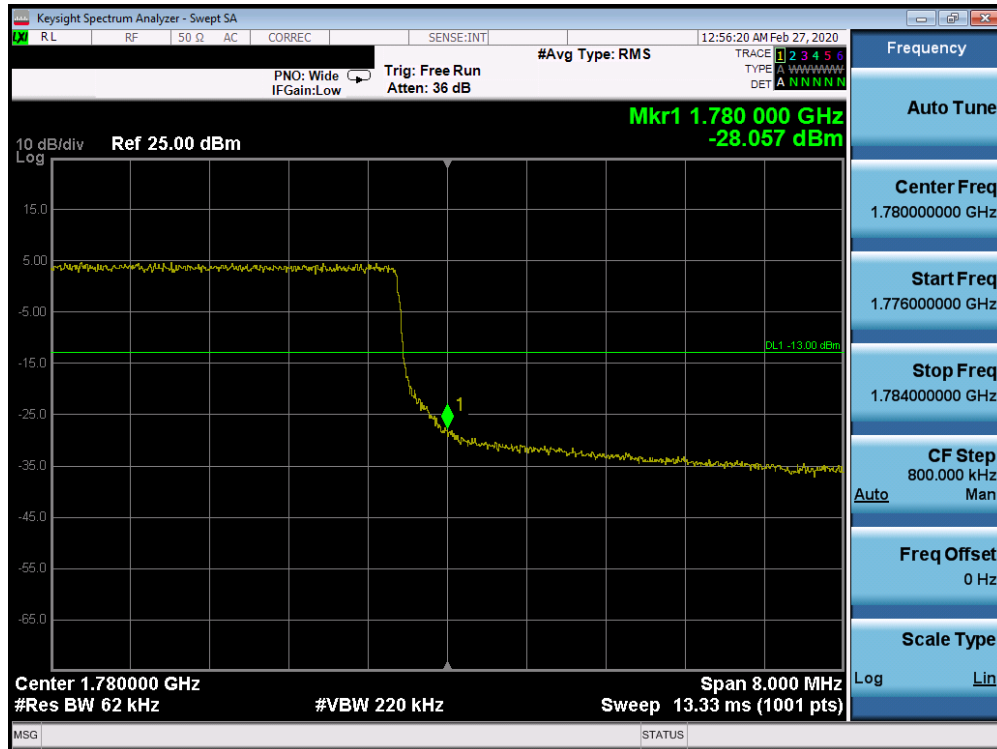
Plot 7-241. Lower Band Edge Plot (Band 66 – 10.0MHz QPSK – RB Size 50)



Plot 7-242. Lower Extended Band Edge Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 150 of 401



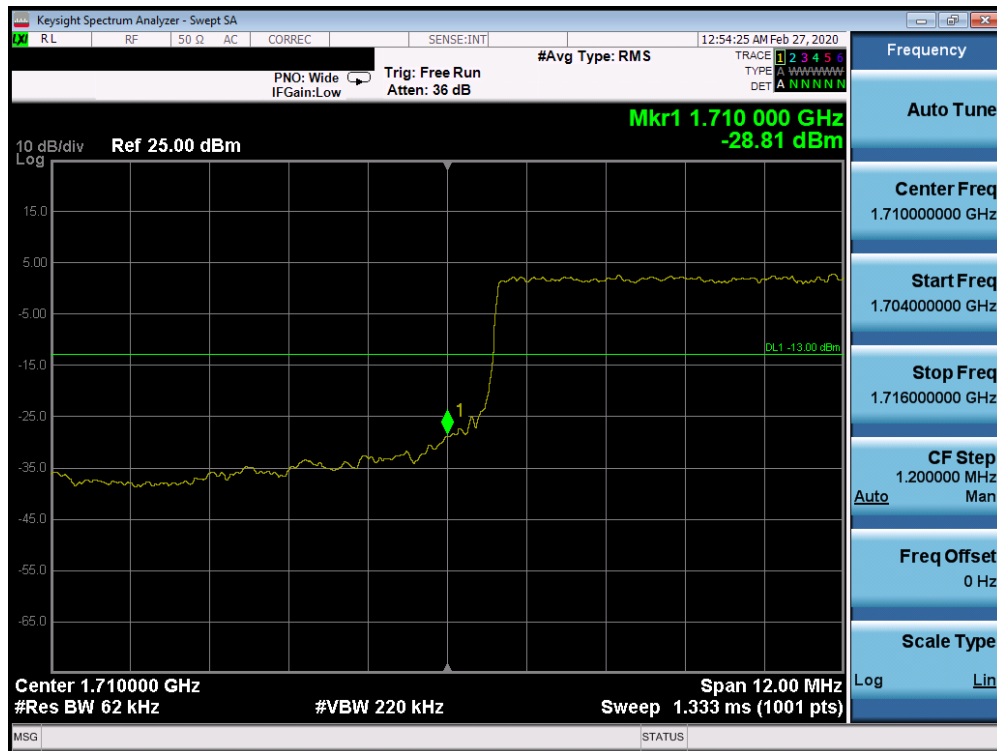


Plot 7-243. Upper Band Edge Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

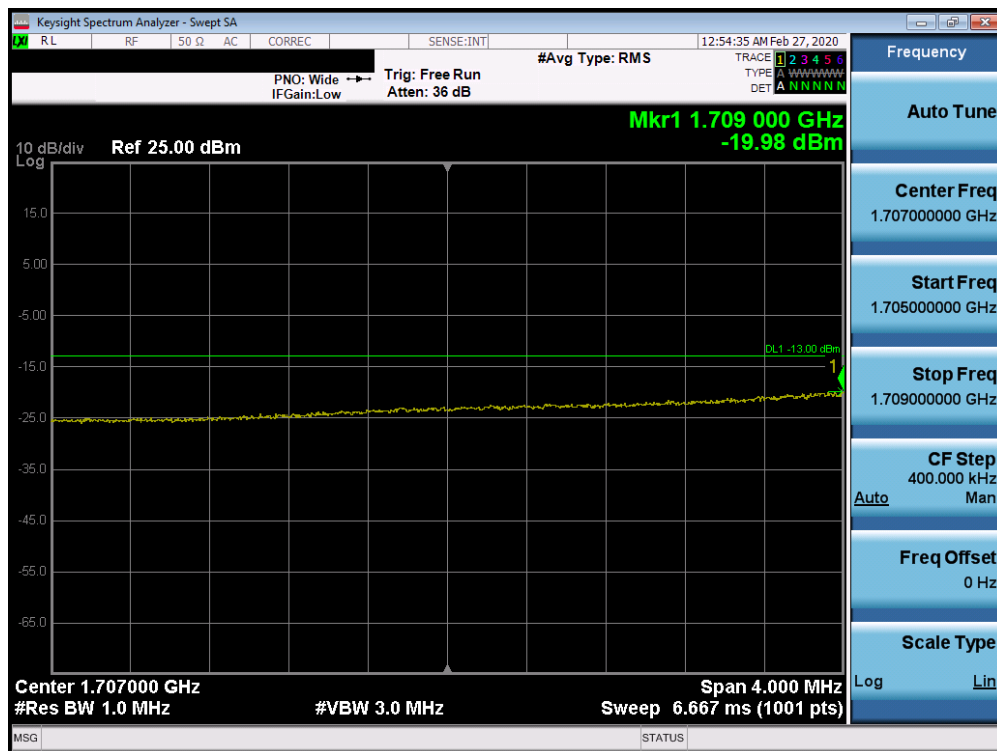


Plot 7-244. Upper Extended Band Edge Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 151 of 401

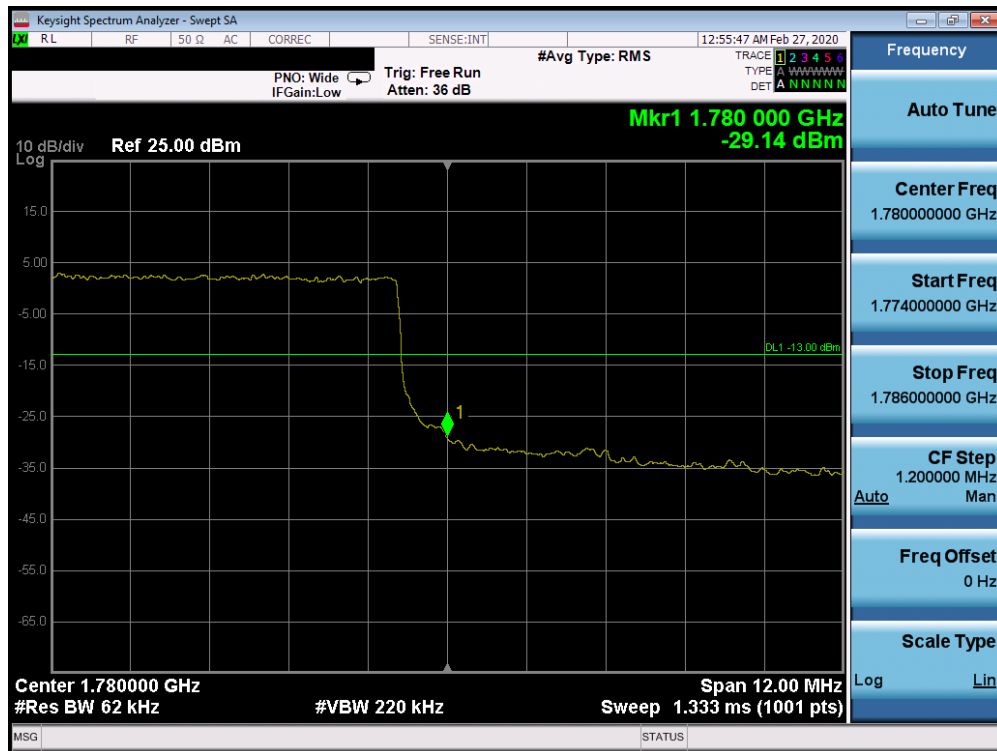


Plot 7-245. Lower Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

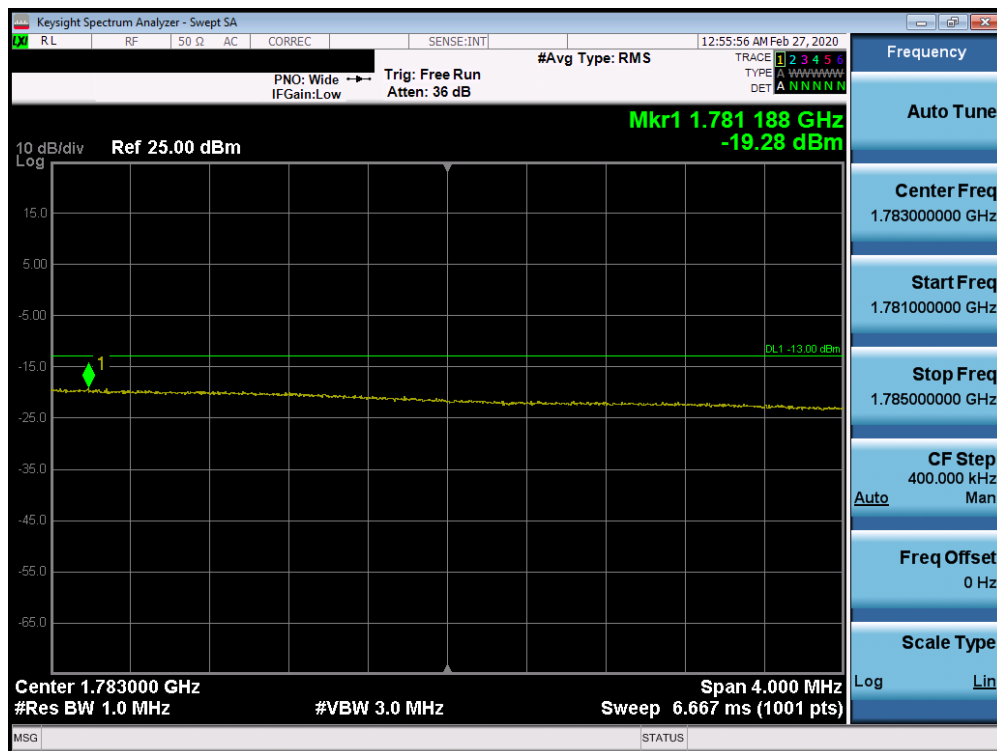


Plot 7-246. Lower Extended Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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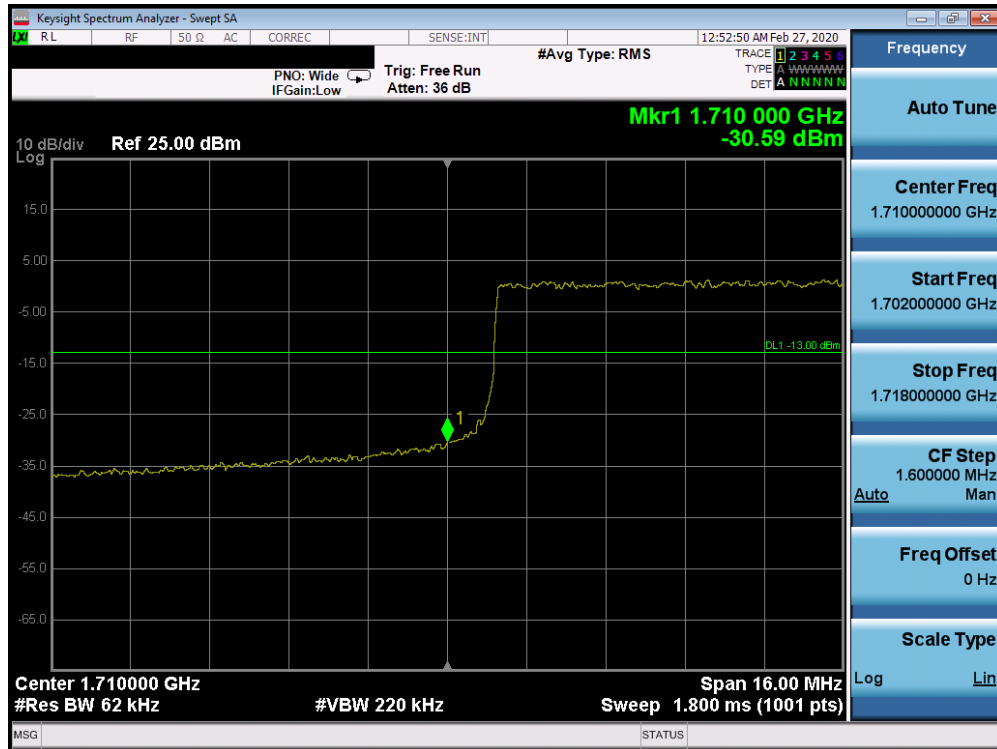


Plot 7-247. Upper Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

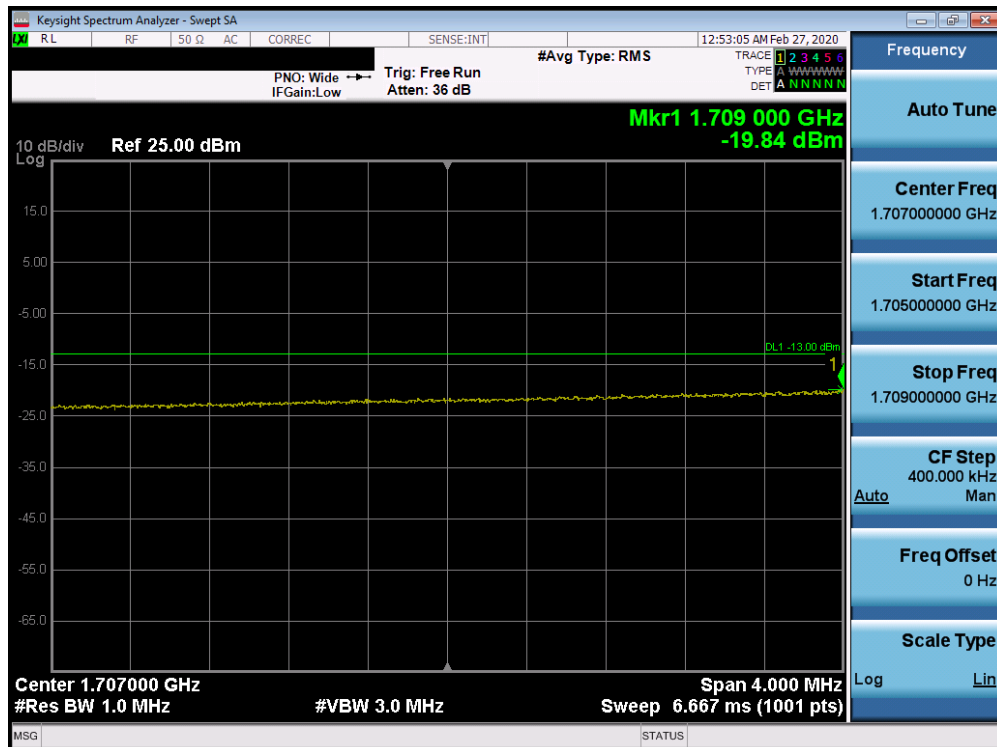


Plot 7-248. Upper Extended Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-249. Lower Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)



Plot 7-250. Lower Extended Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232	<b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 154 of 401