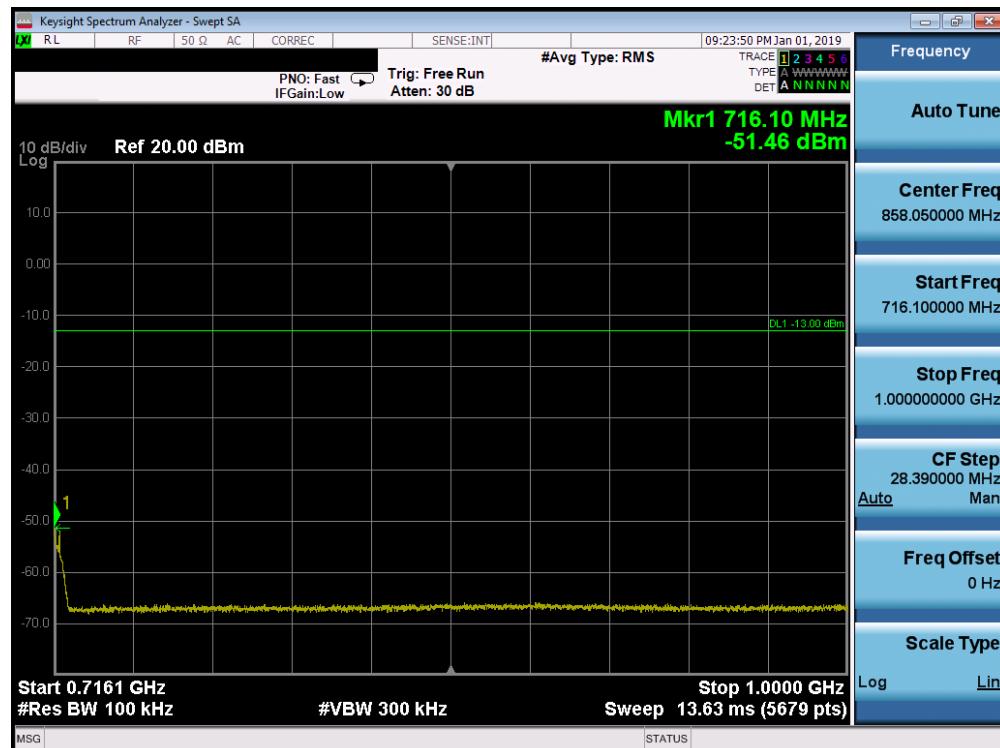
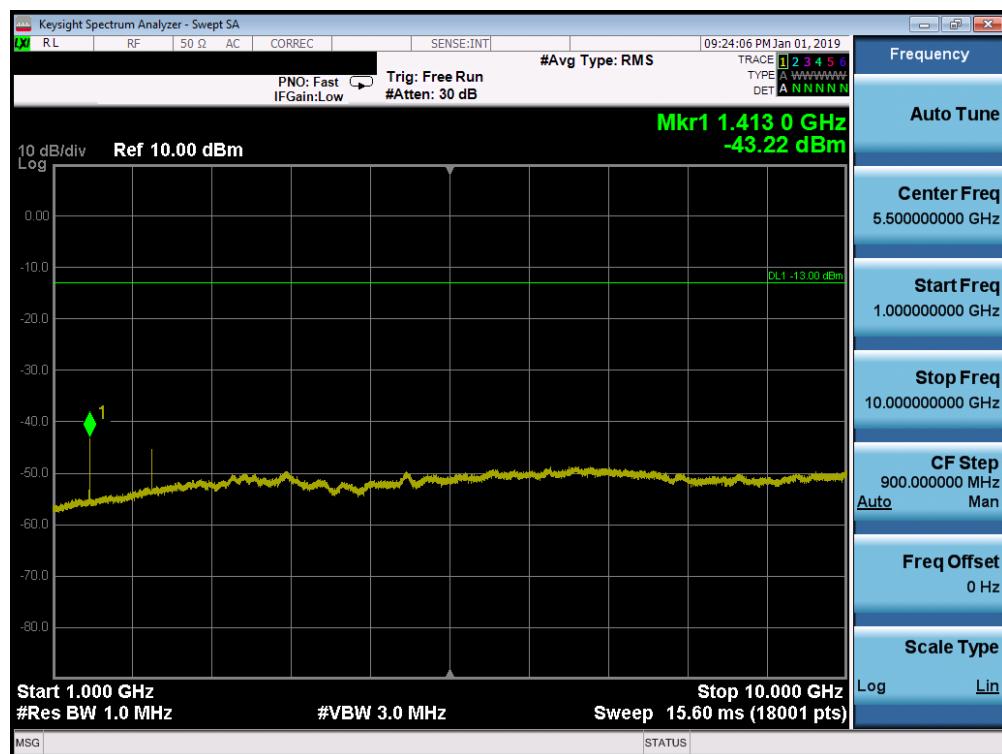


Plot 7-103. Conducted Spurious Plot (Band 12/17 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-104. Conducted Spurious Plot (Band 12/17 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

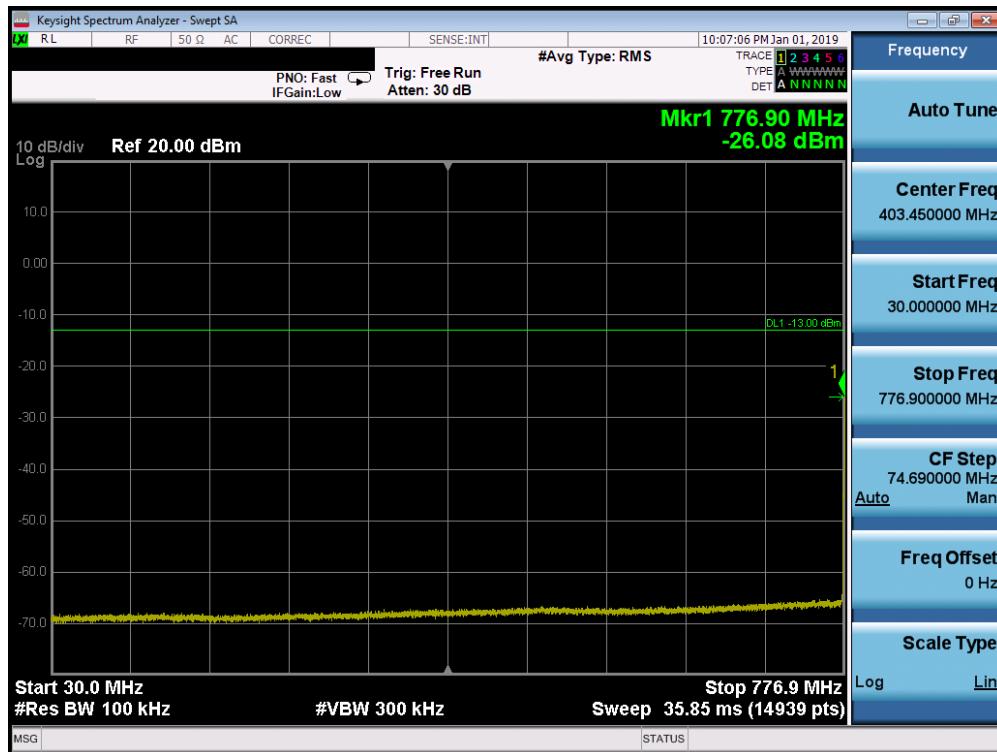
FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 74 of 340



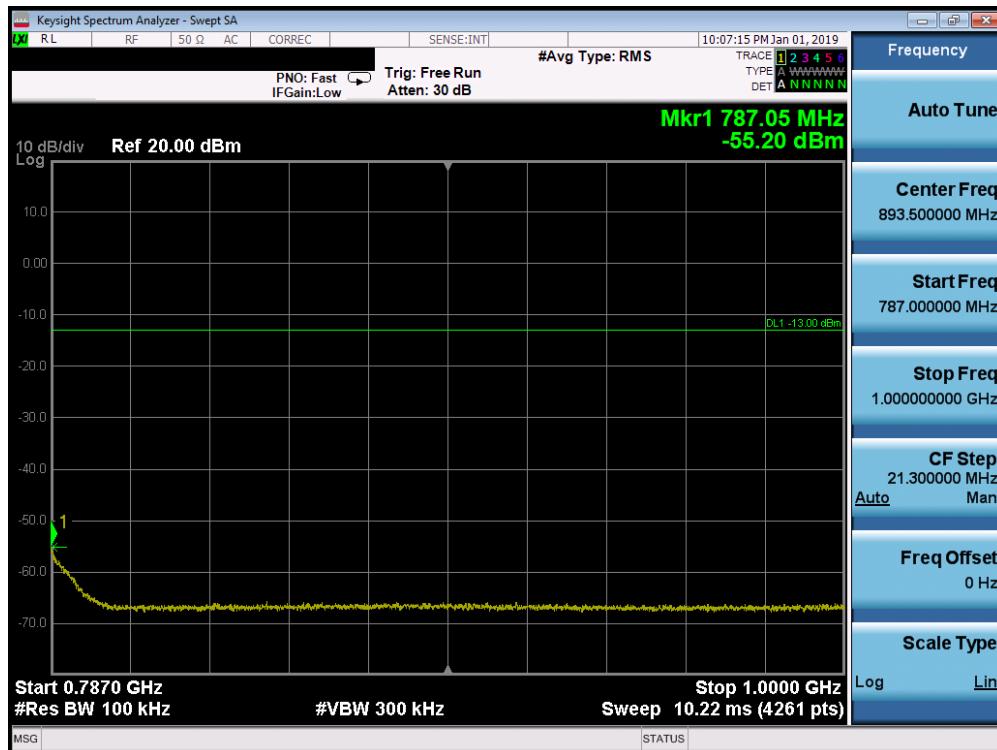
Plot 7-105. Conducted Spurious Plot (Band 12/17 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 75 of 340

Band 13

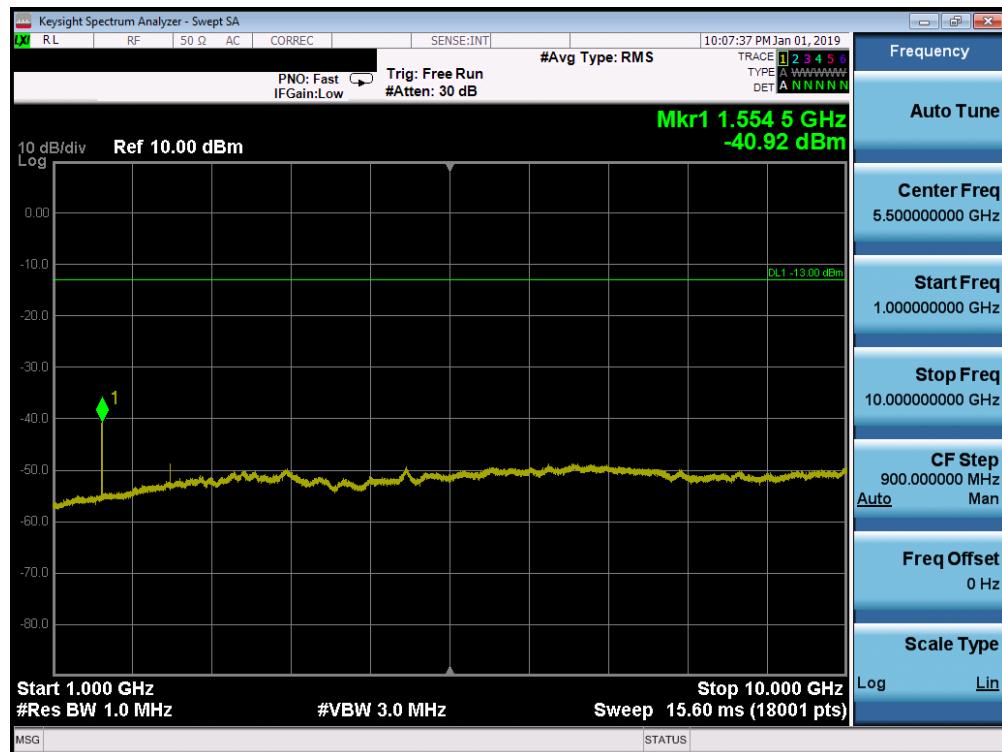


Plot 7-106. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

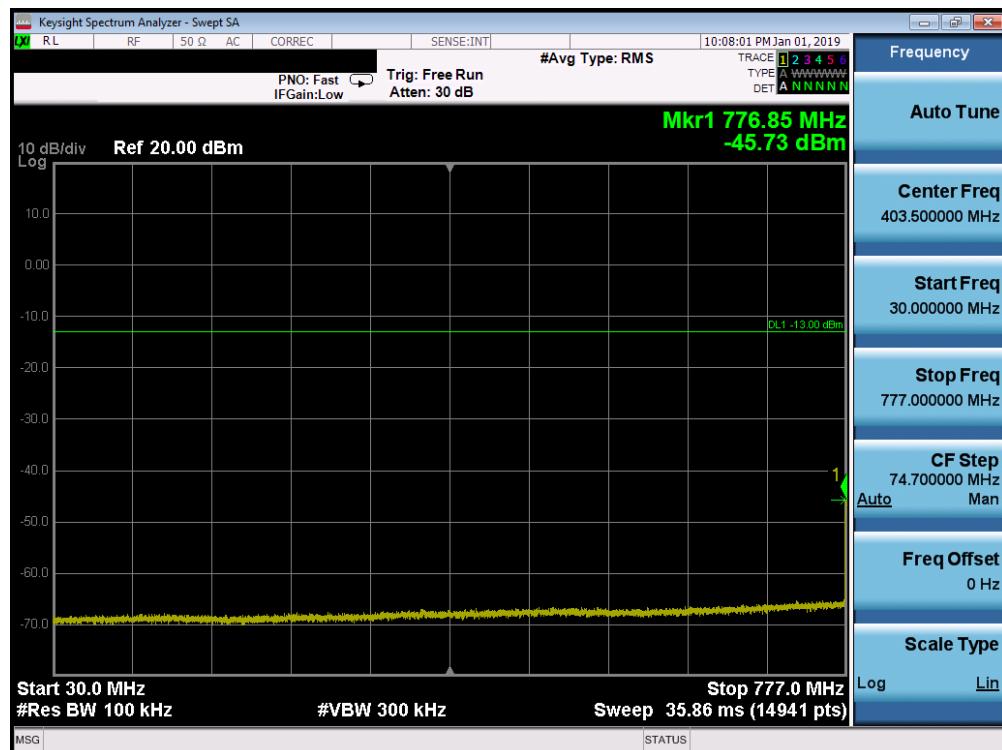


Plot 7-107. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 76 of 340	

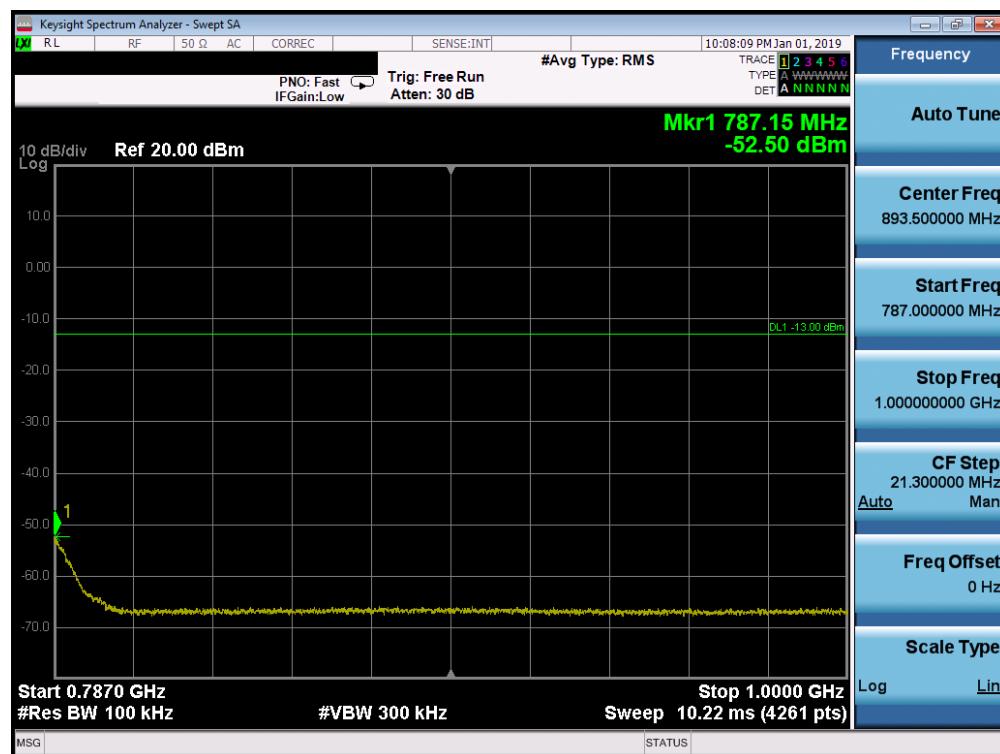


Plot 7-108. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

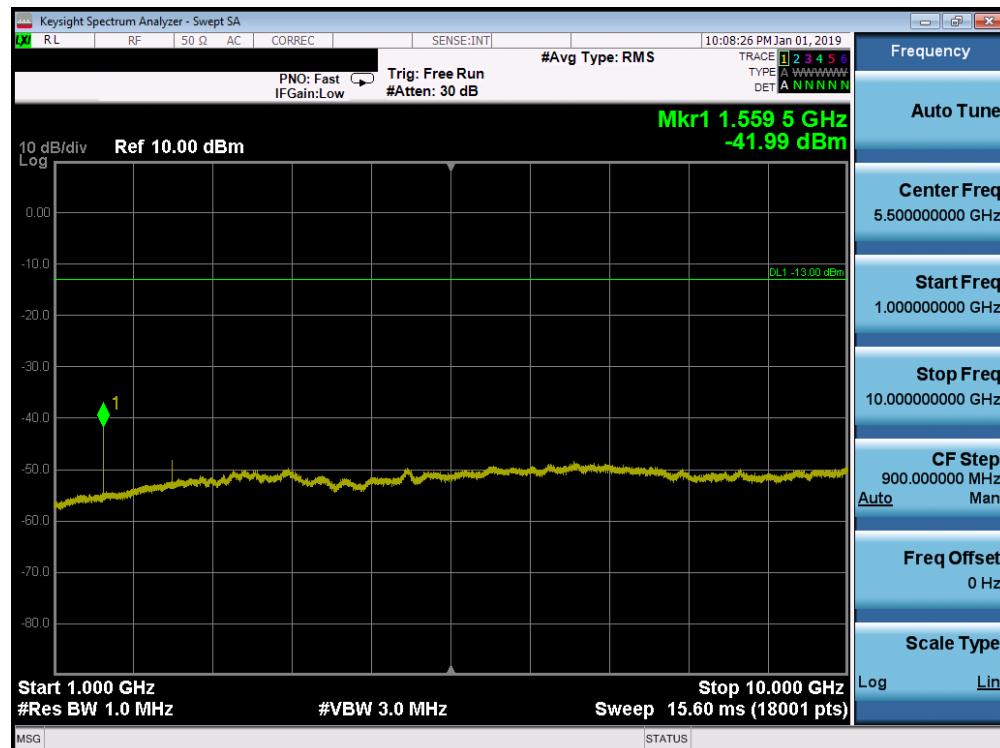


Plot 7-109. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 77 of 340

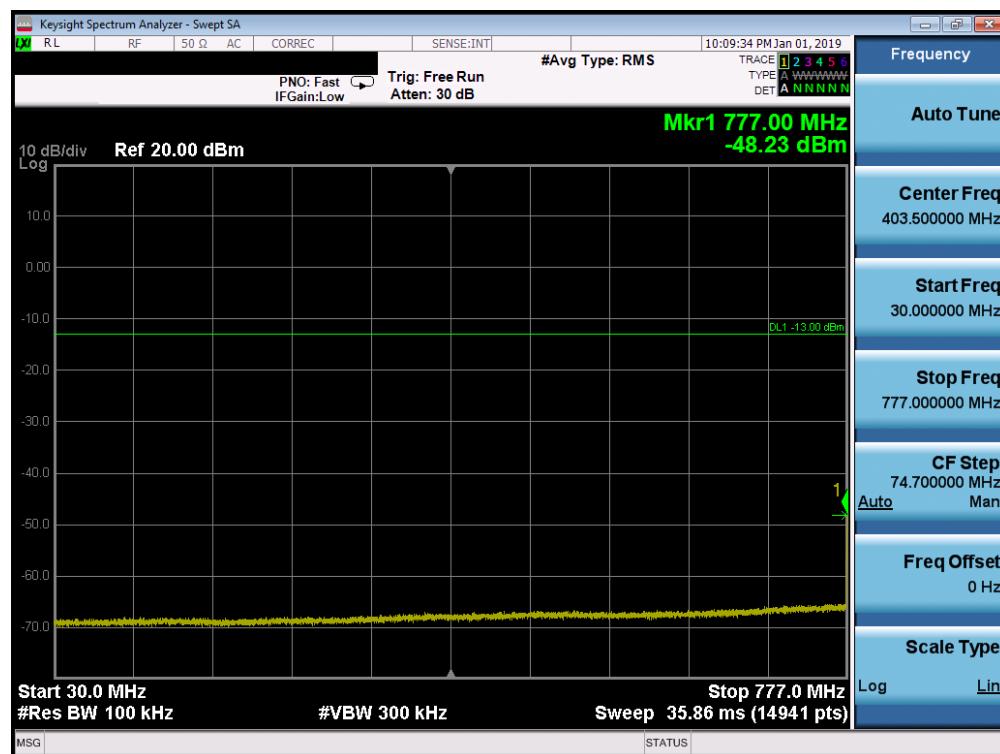


Plot 7-110. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

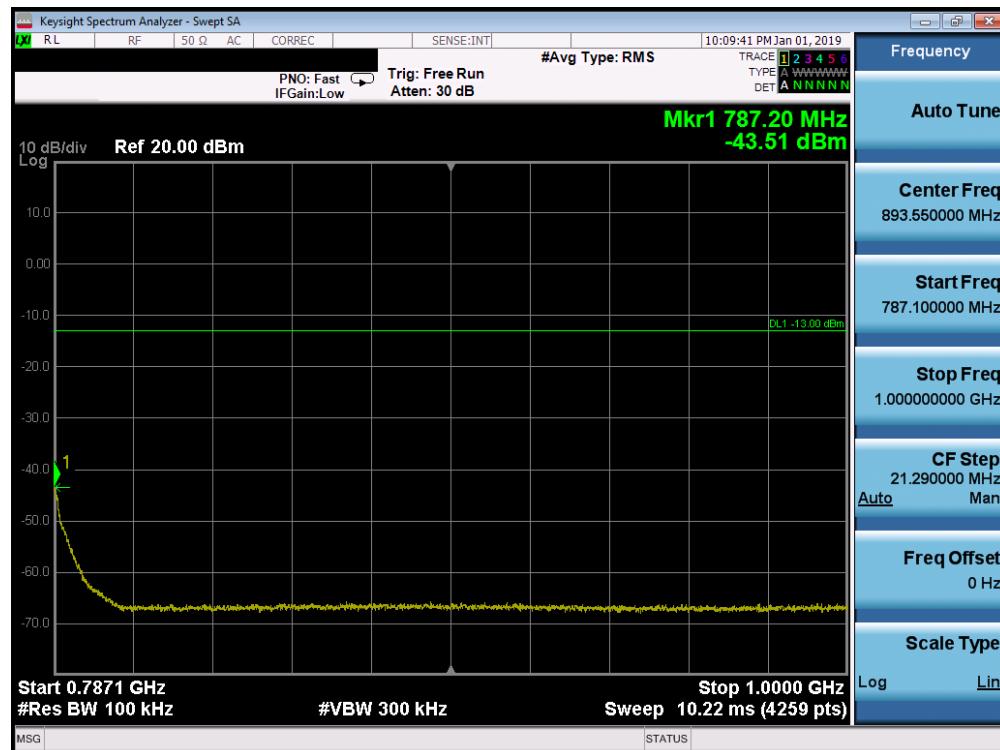


Plot 7-111. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 78 of 340

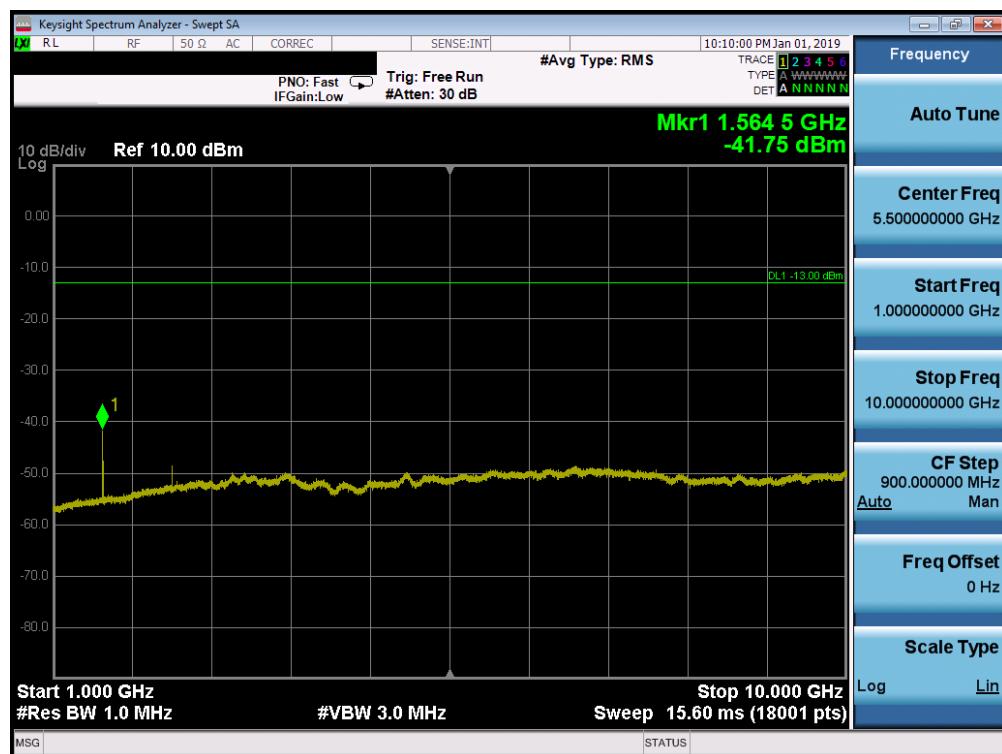


Plot 7-112. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-113. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

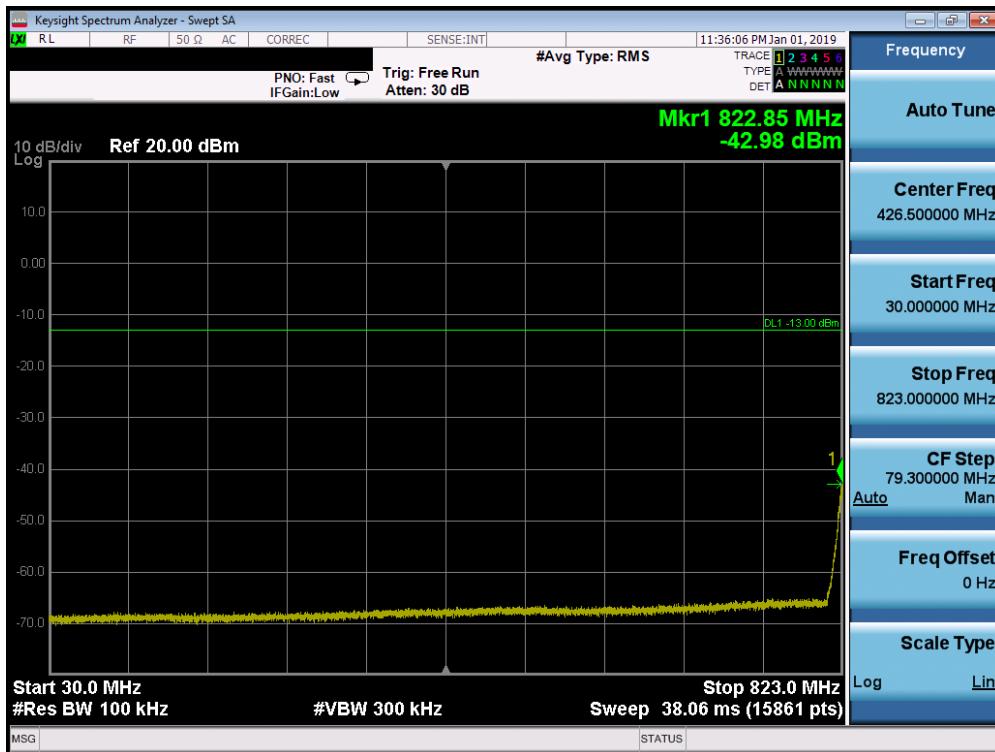
FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 79 of 340



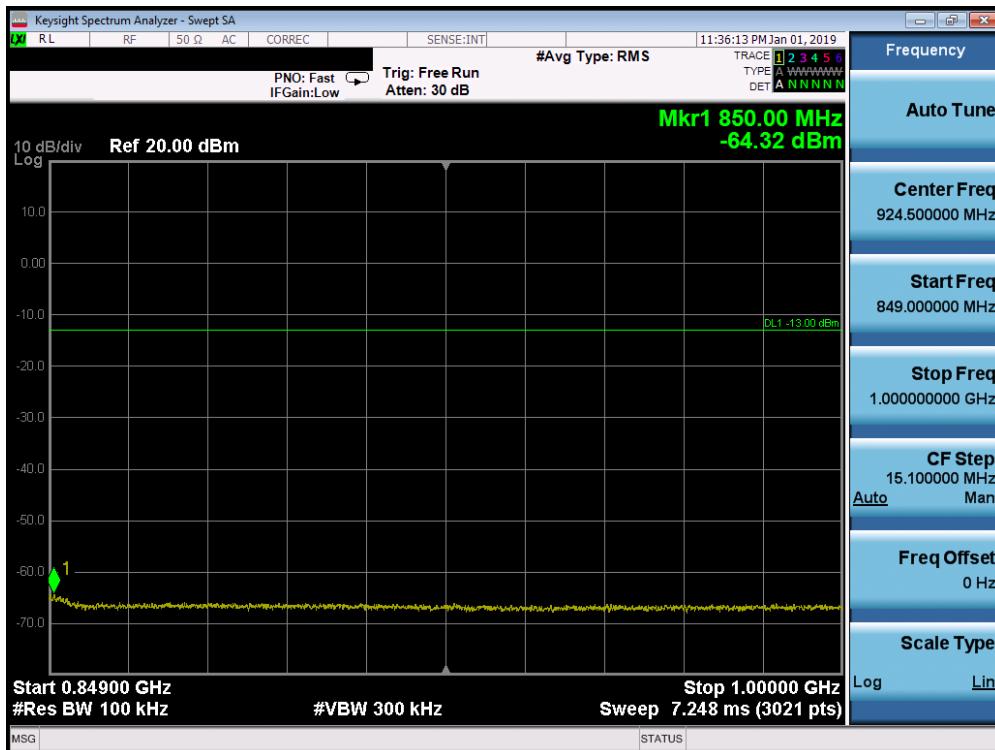
Plot 7-114. Conducted Spurious Plot (Band 13 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 80 of 340

Band 26/5

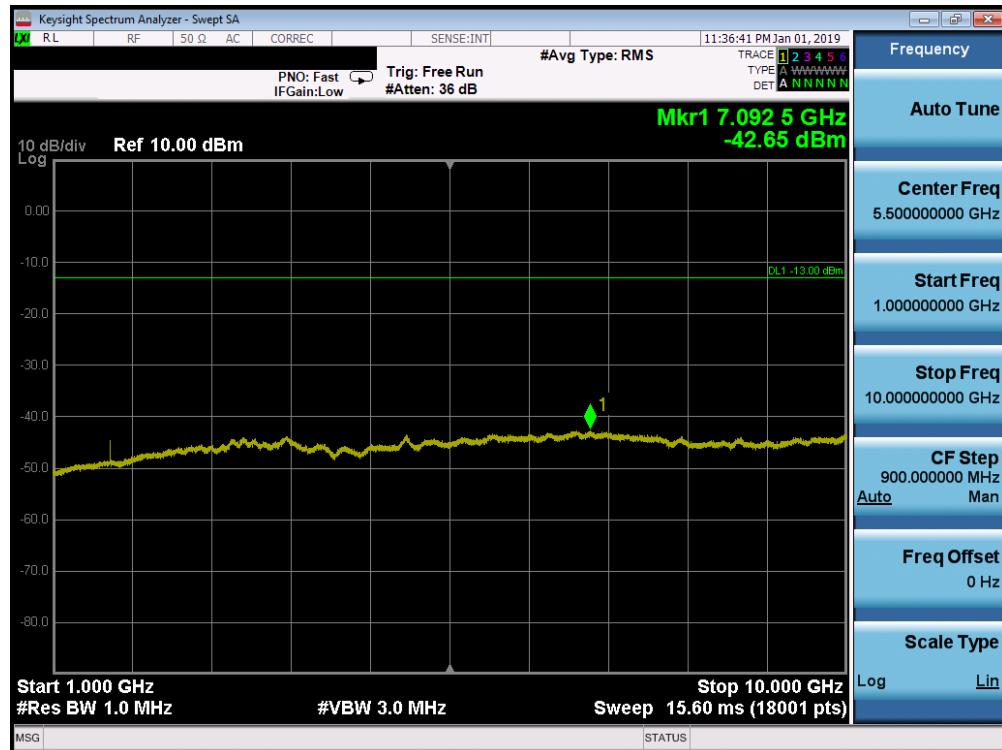


Plot 7-115. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



Plot 7-116. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 81 of 340	

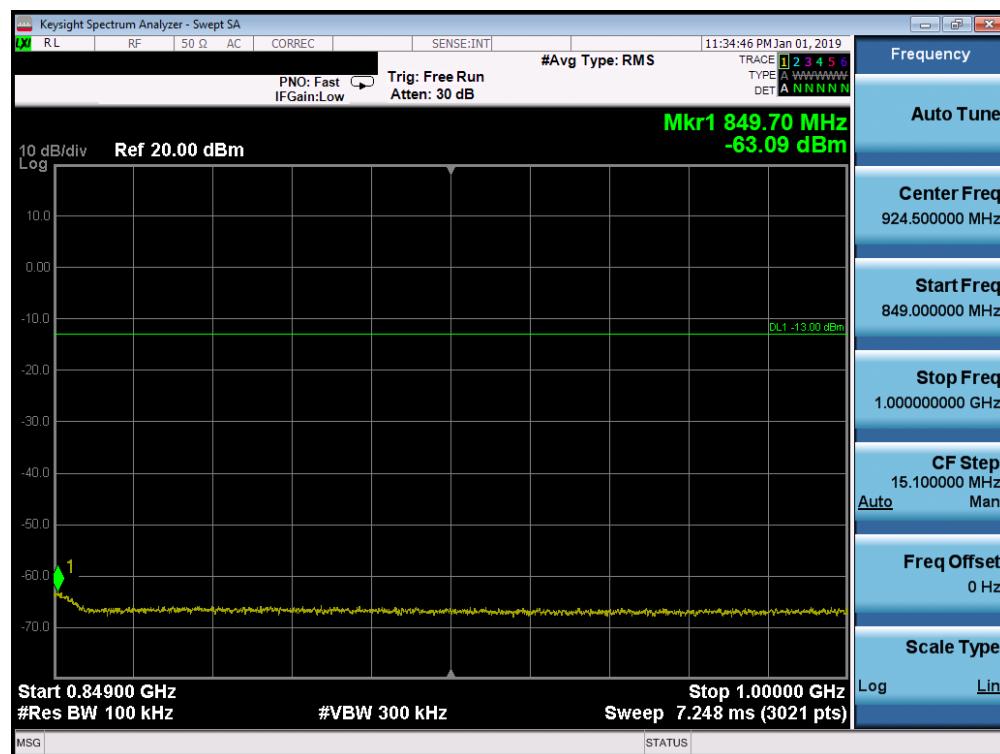


Plot 7-117. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

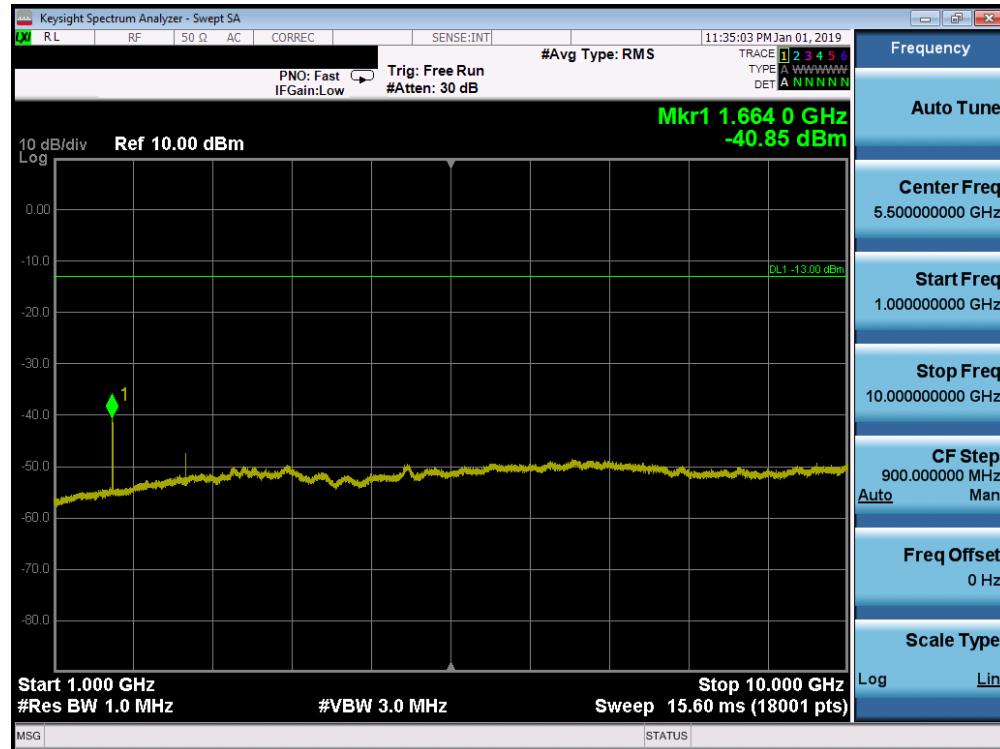


Plot 7-118. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 82 of 340

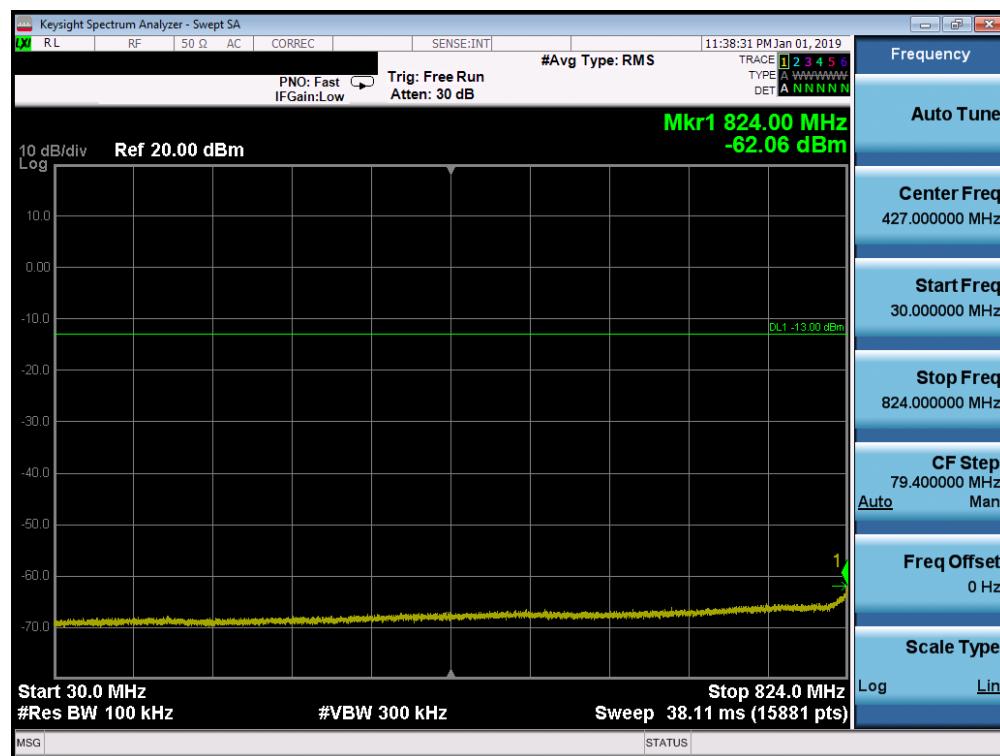


Plot 7-119. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

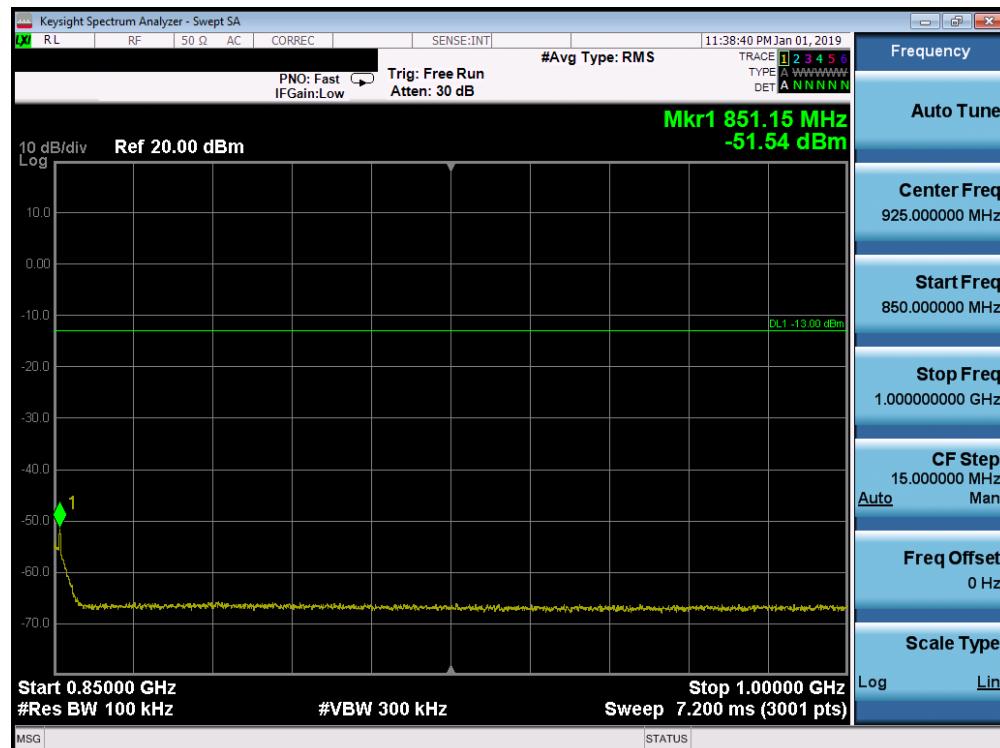


Plot 7-120. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 83 of 340

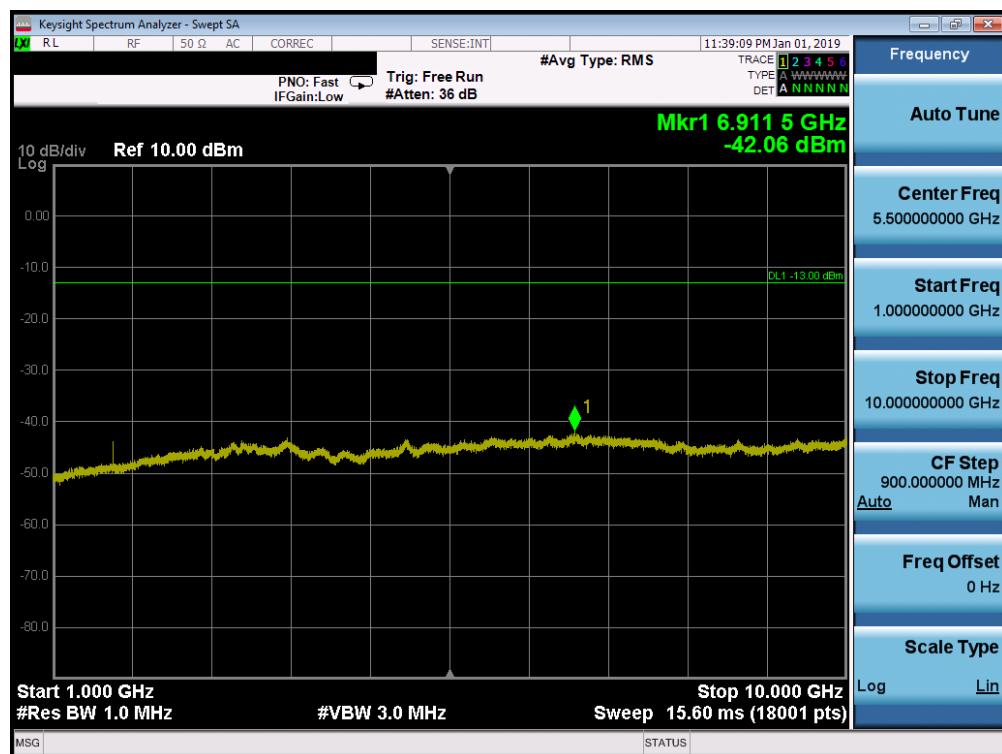


Plot 7-121. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-122. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

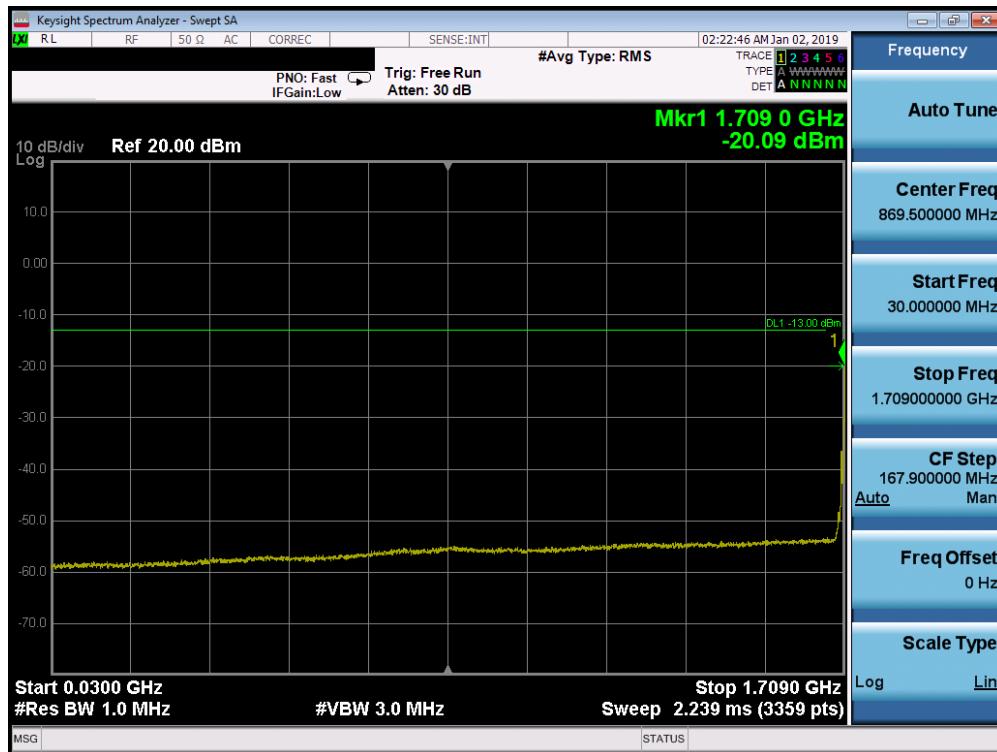
FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 84 of 340



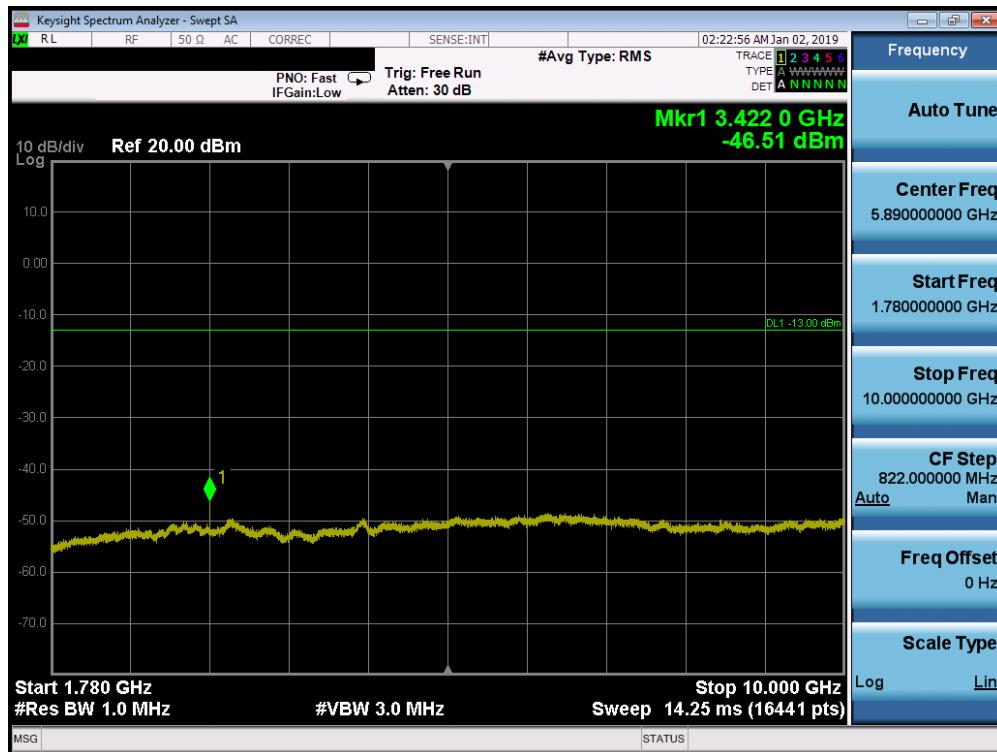
Plot 7-123. Conducted Spurious Plot (Band 26/5 - 10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 85 of 340

Band 66/4



Plot 7-124. Conducted Spurious Plot (Band 66/4 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



Plot 7-125. Conducted Spurious Plot (Band 66/4 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 86 of 340

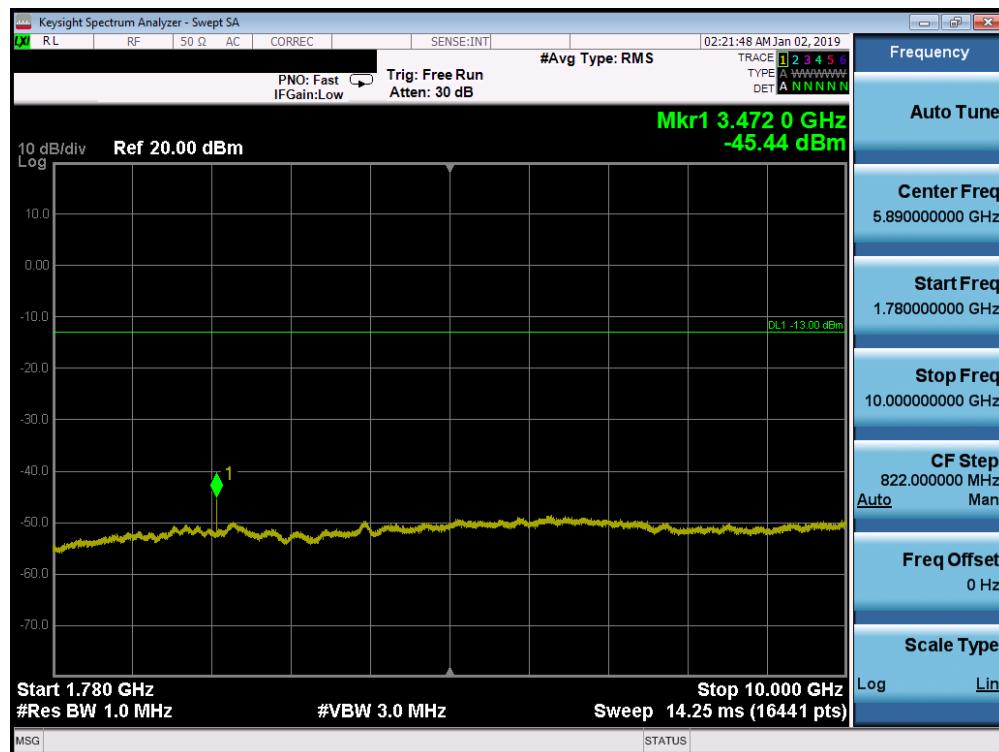


Plot 7-126. Conducted Spurious Plot (Band 66/4 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



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

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 87 of 340	

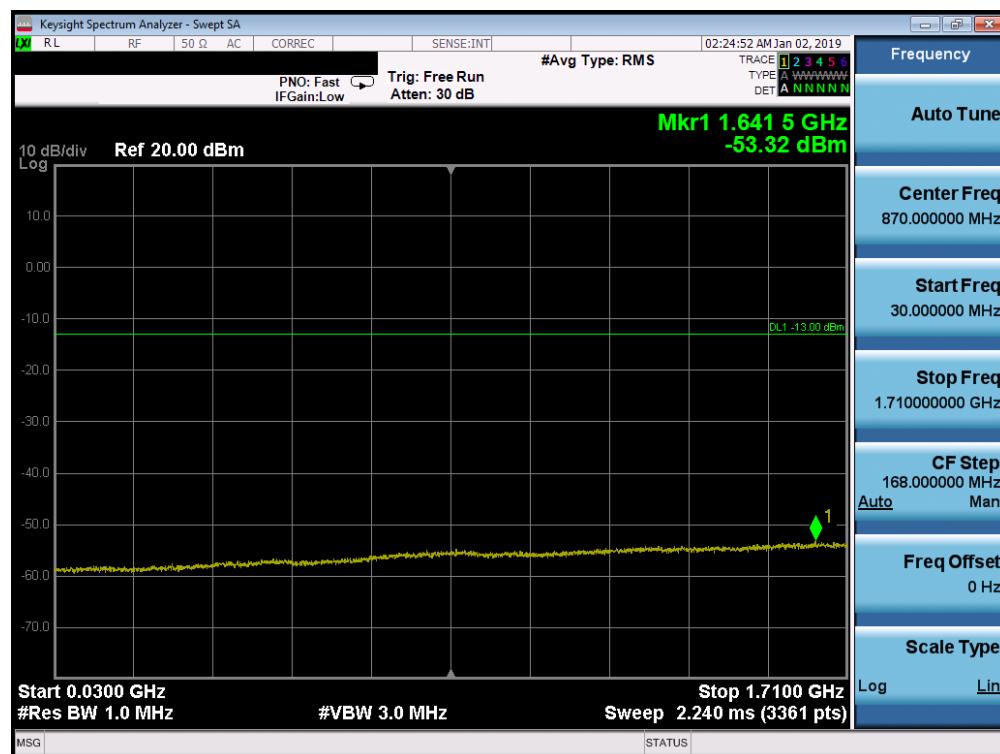


Plot 7-128. Conducted Spurious Plot (Band 66/4 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

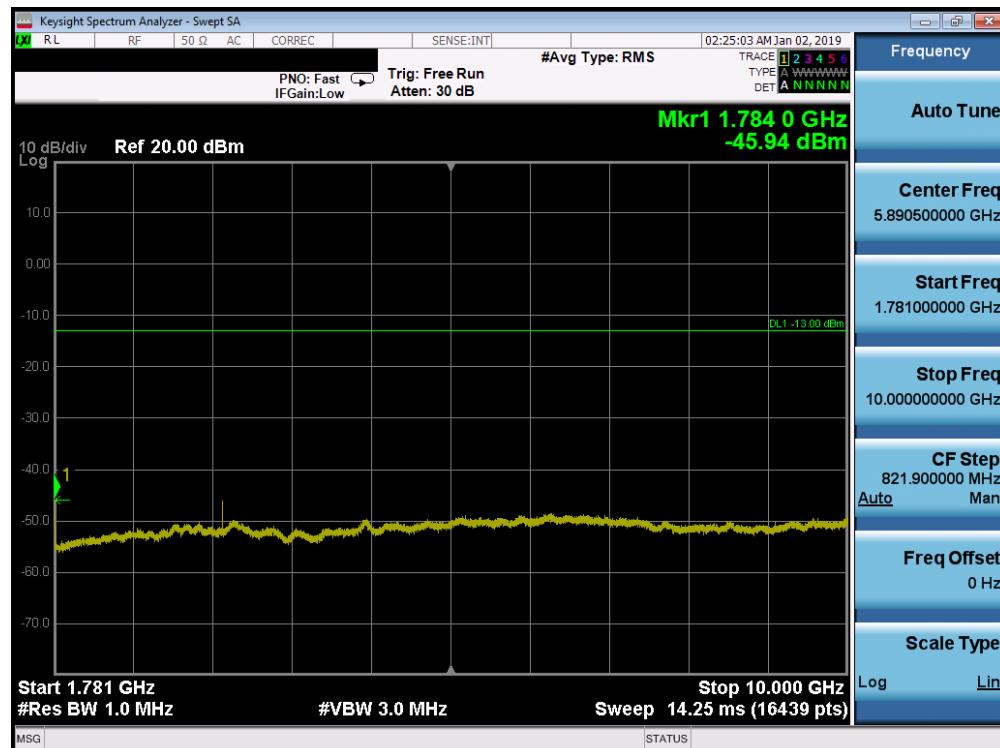


Plot 7-129. Conducted Spurious Plot (Band 66/4 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 88 of 340



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: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 89 of 340



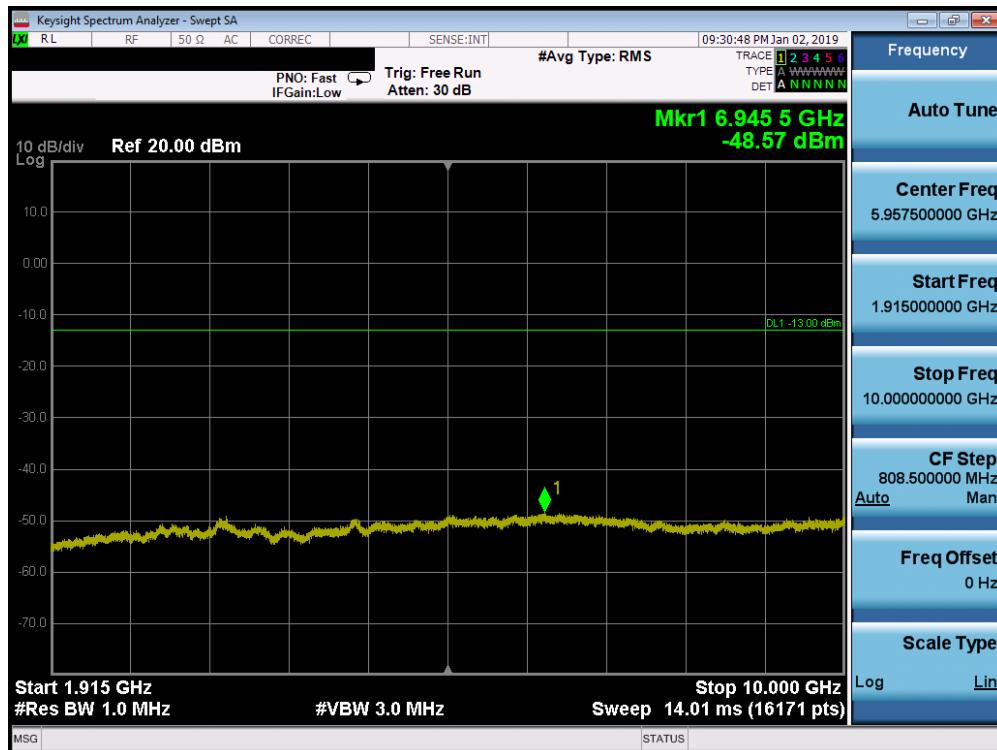
Plot 7-132. Conducted Spurious Plot (Band 66/4 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 90 of 340

Band 25/2



Plot 7-133. Conducted Spurious Plot (Band 25/2 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

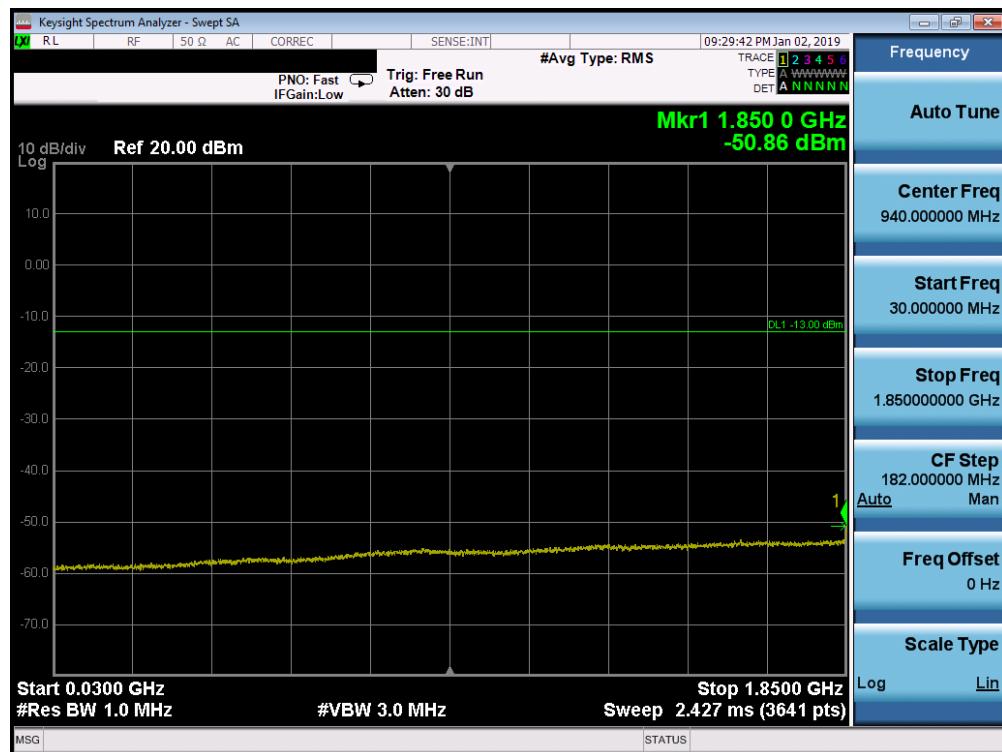


Plot 7-134. Conducted Spurious Plot (Band 25/2 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 91 of 340

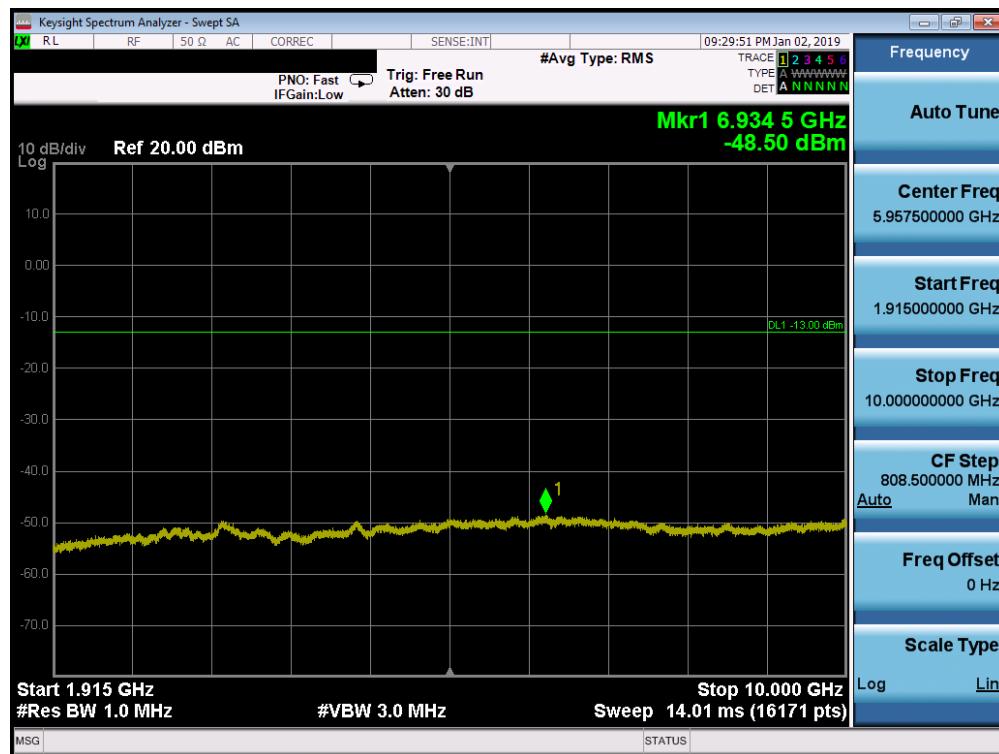


Plot 7-135. Conducted Spurious Plot (Band 25/2 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

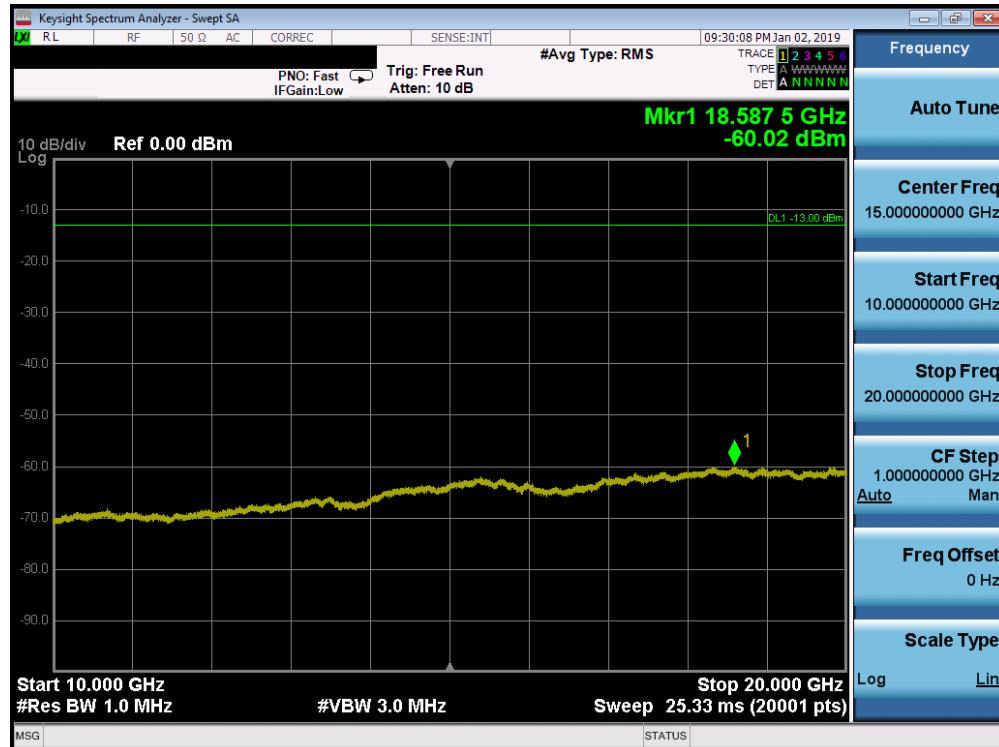


Plot 7-136. Conducted Spurious Plot (Band 25/2 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 92 of 340



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

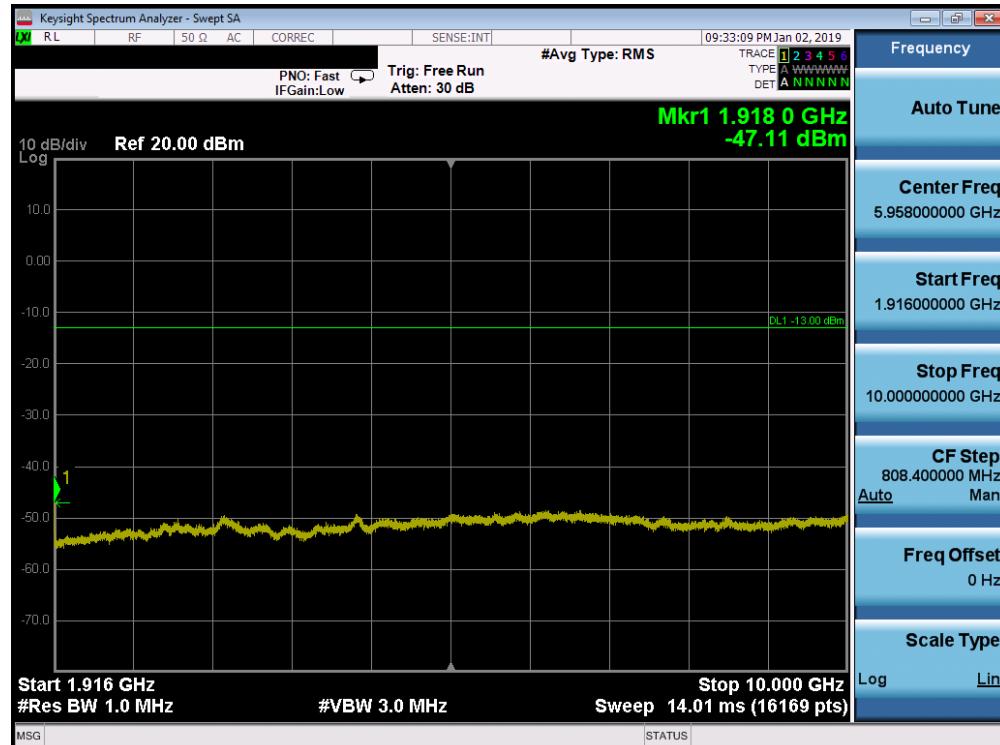


Plot 7-138. Conducted Spurious Plot (Band 25/2 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 93 of 340



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: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 94 of 340



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

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 95 of 340	

Band 30

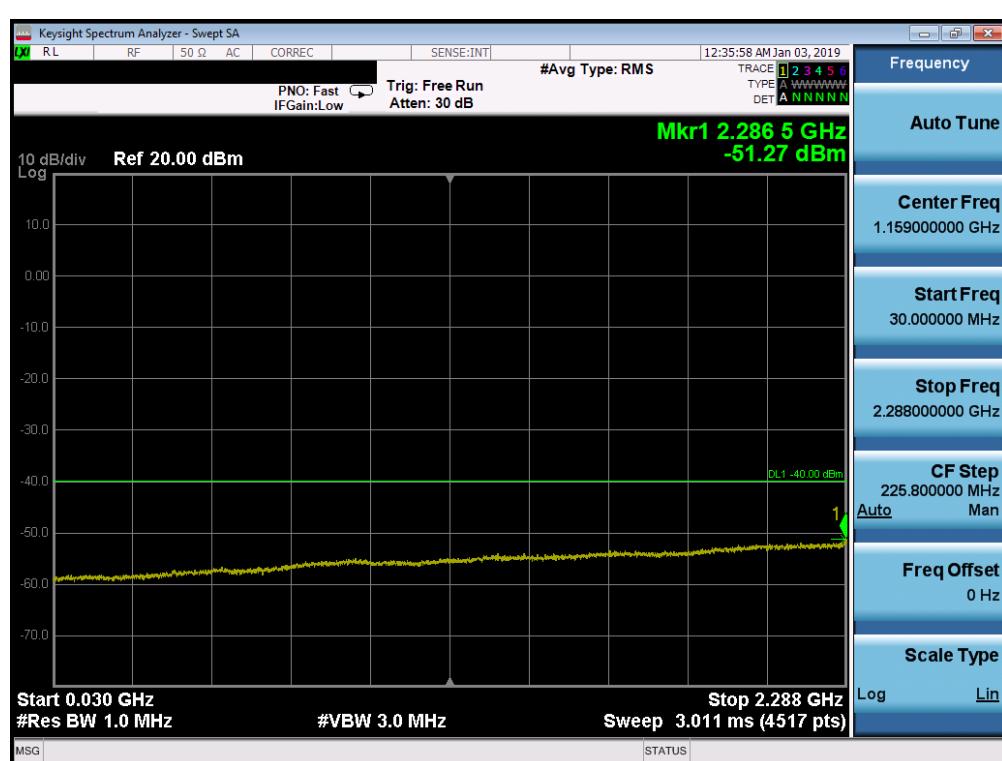
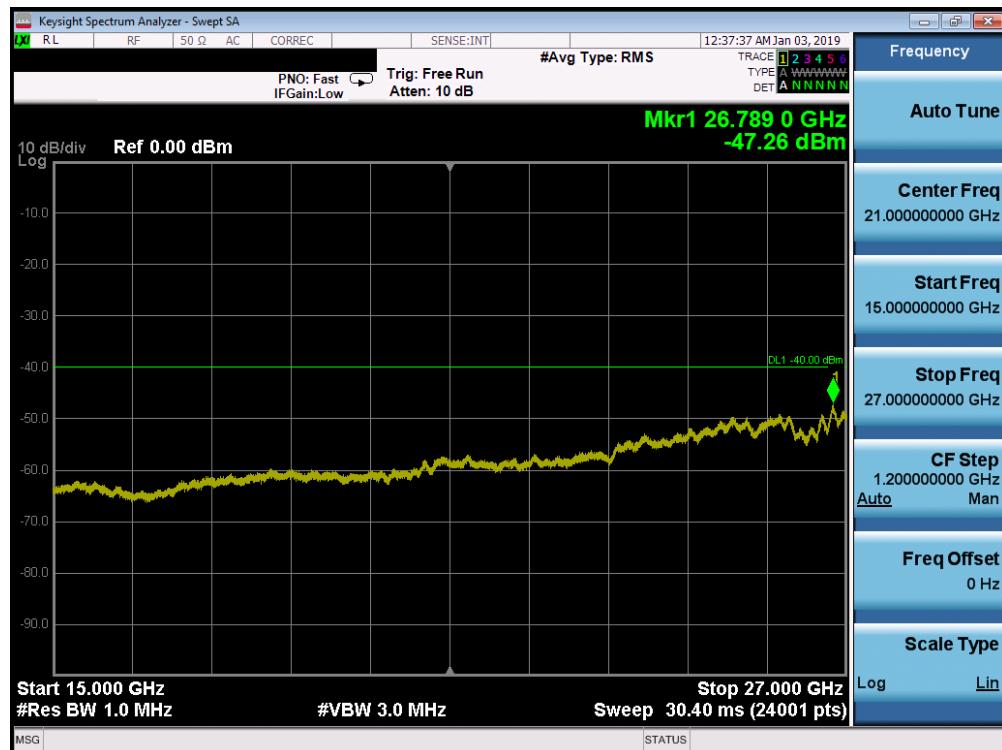


Plot 7-142. Conducted Spurious Plot (Band 30 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



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

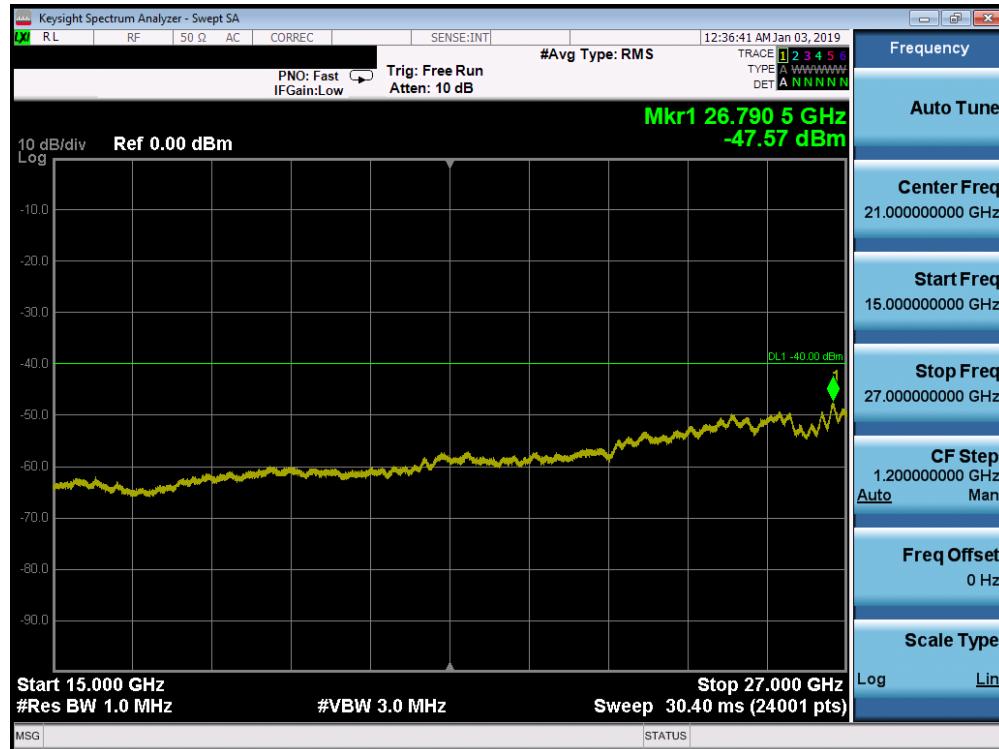
FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 96 of 340	



FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 97 of 340

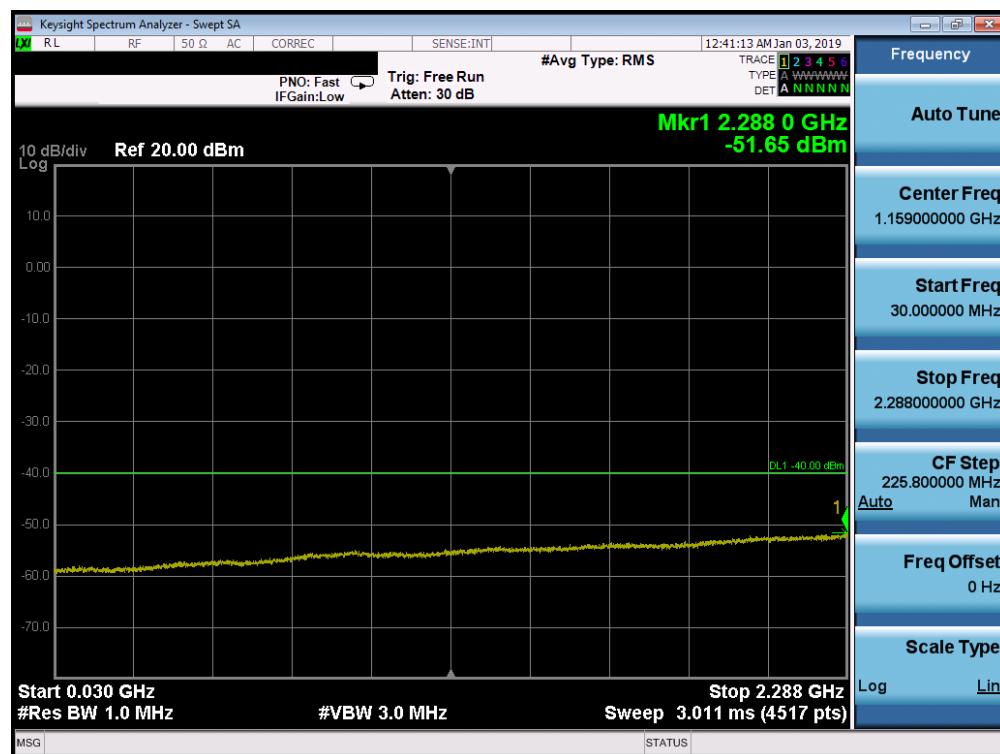


Plot 7-146. Conducted Spurious Plot (Band 30 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



Plot 7-147. Conducted Spurious Plot (Band 30 - 5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 98 of 340



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)

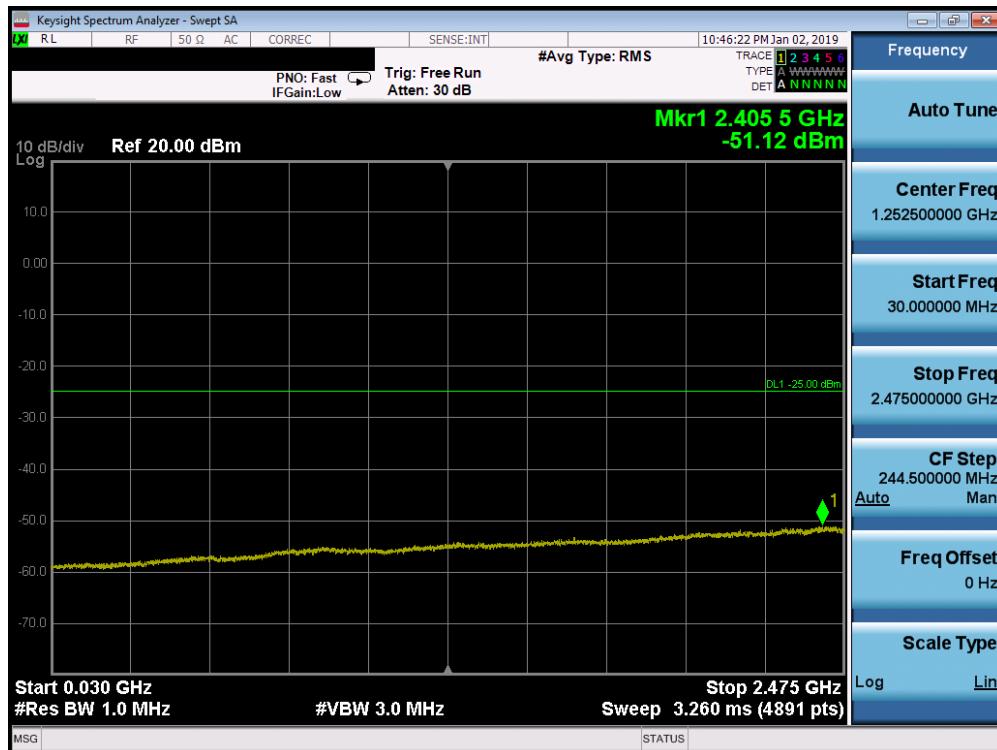
FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 99 of 340



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

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 100 of 340	

Band 7

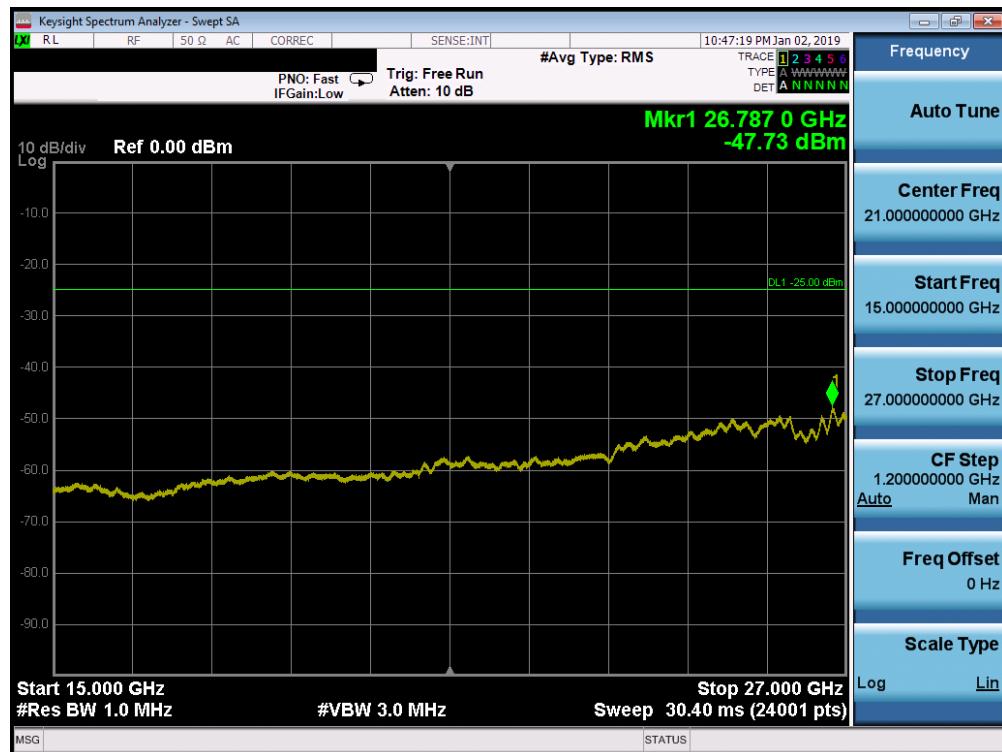


Plot 7-151. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

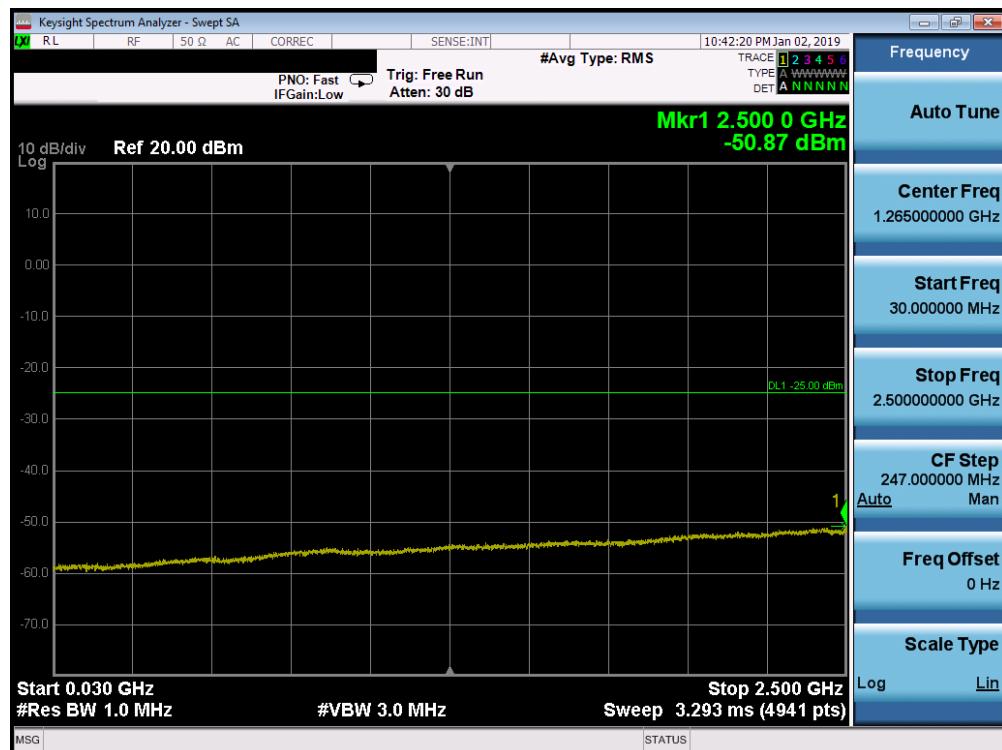


Plot 7-152. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 101 of 340



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: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 102 of 340	



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: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 103 of 340

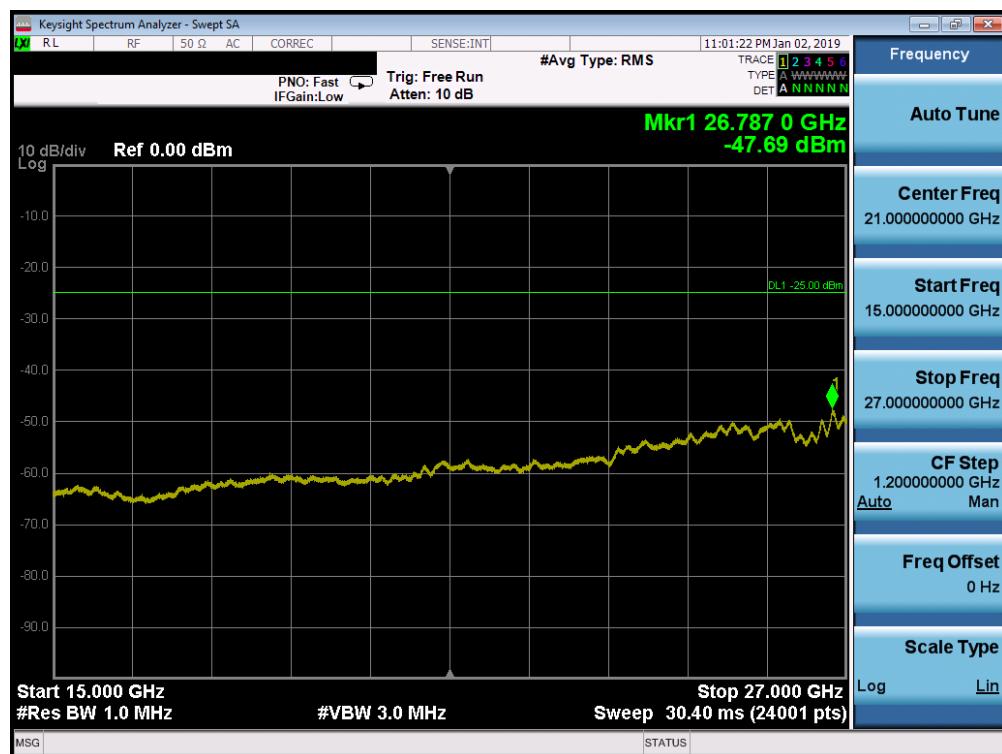


Plot 7-157. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



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

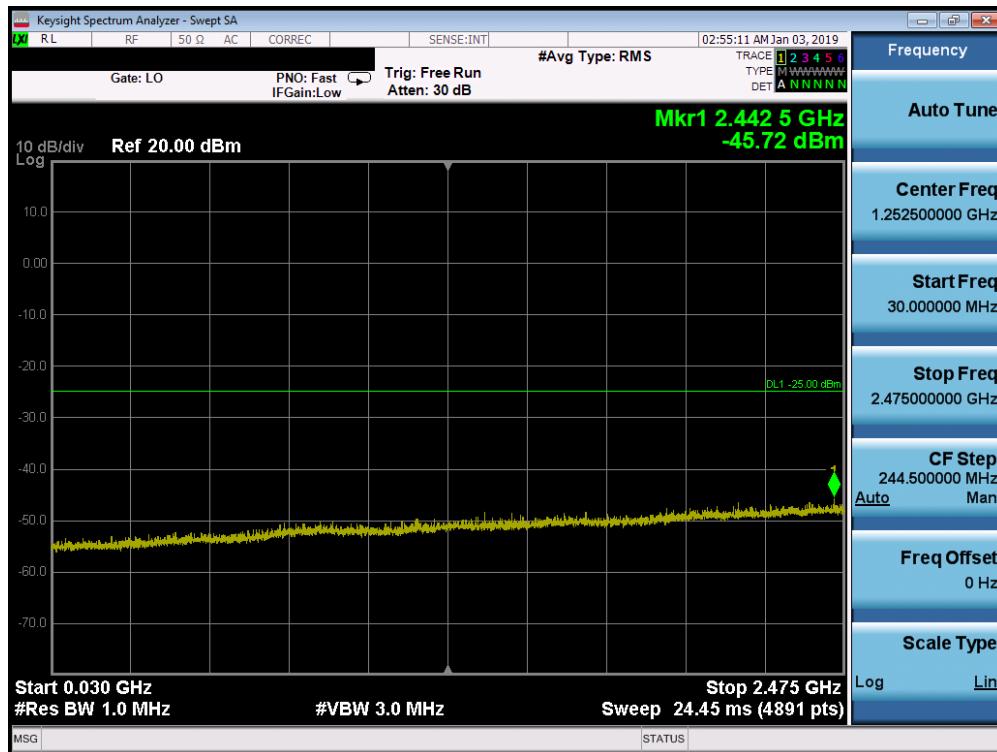
FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 104 of 340



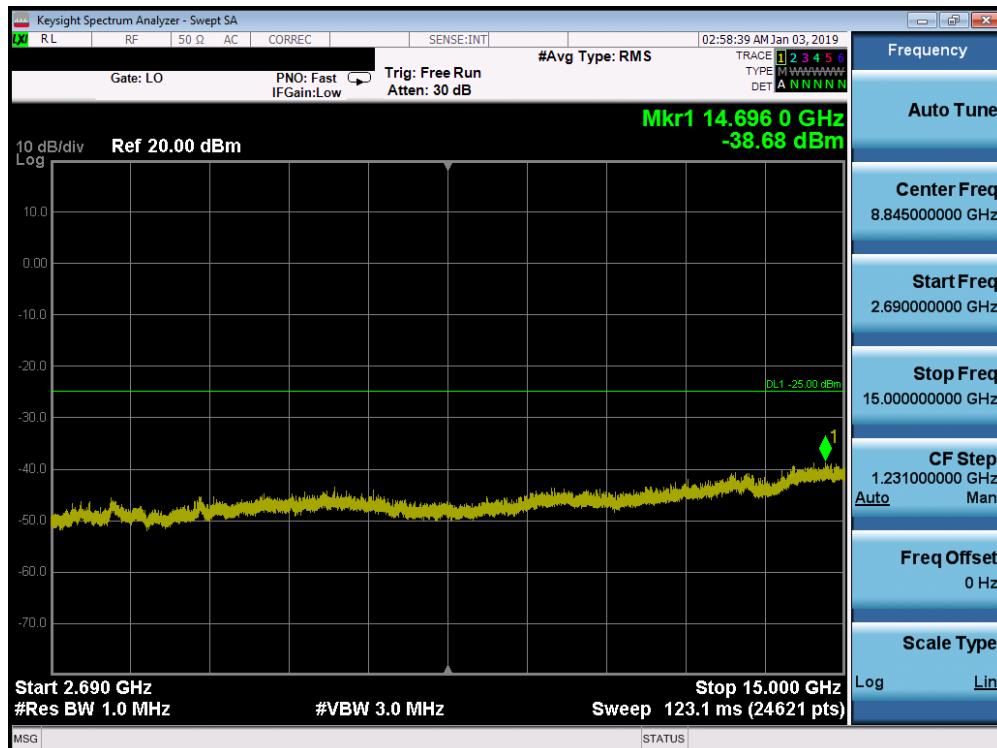
Plot 7-159. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 105 of 340	

Band 41

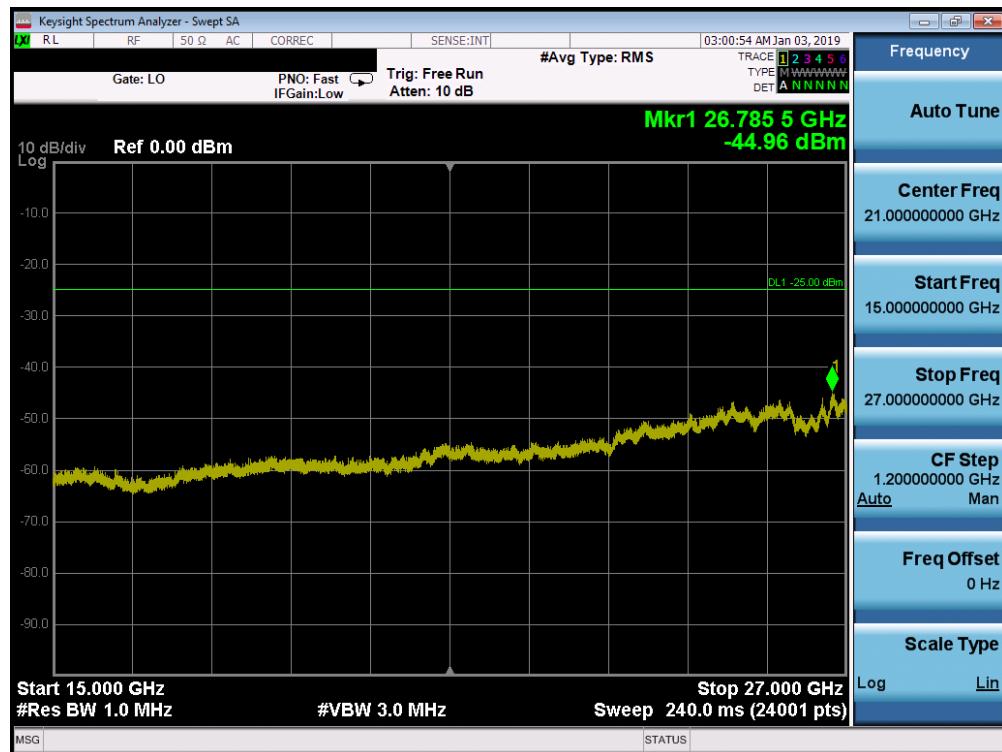


Plot 7-160. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

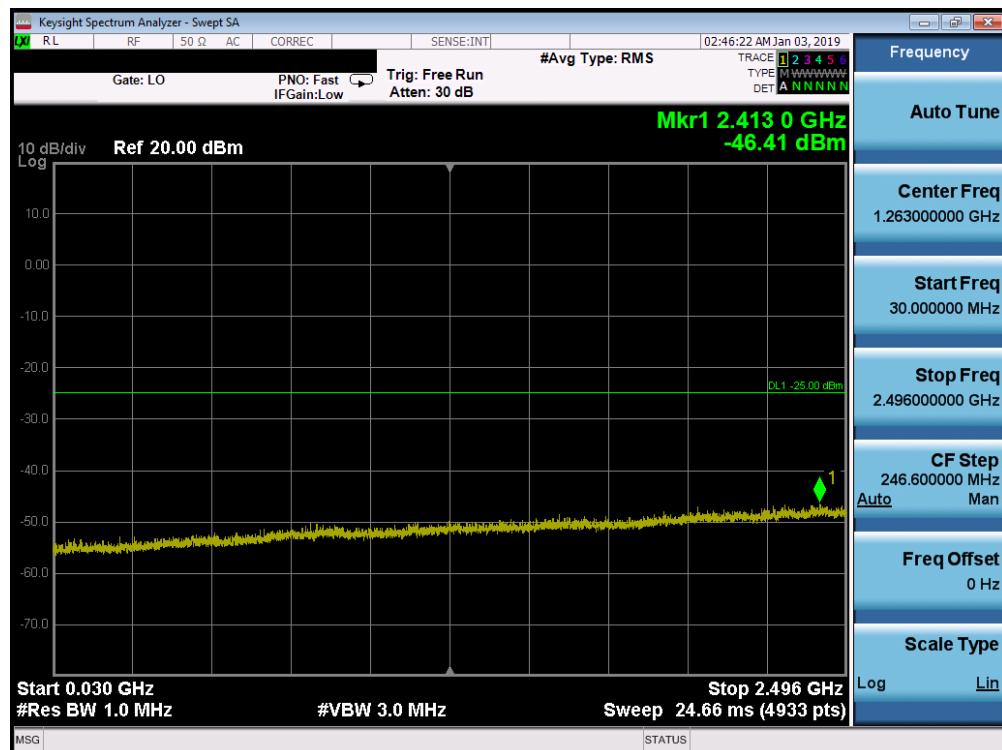


Plot 7-161. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
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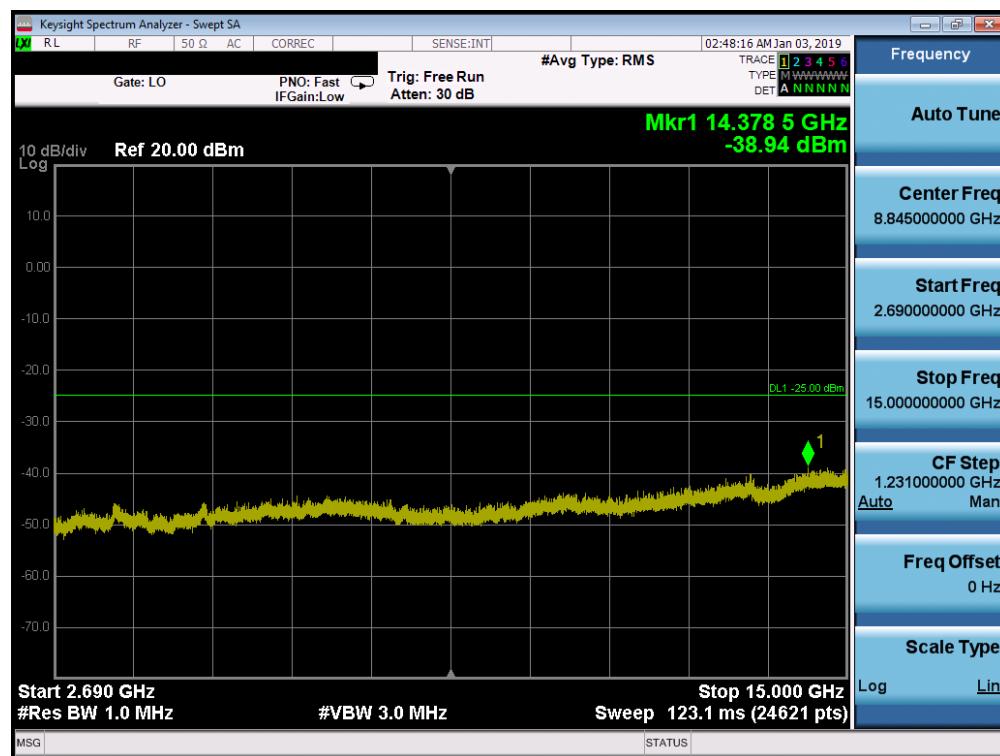


Plot 7-162. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

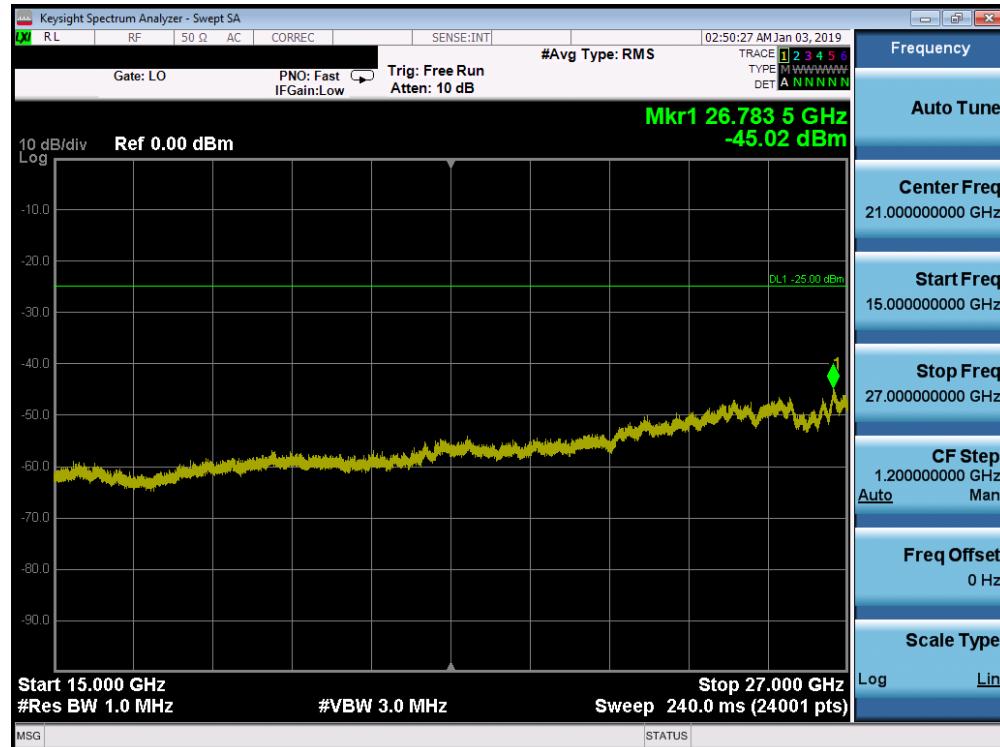


Plot 7-163. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 107 of 340	

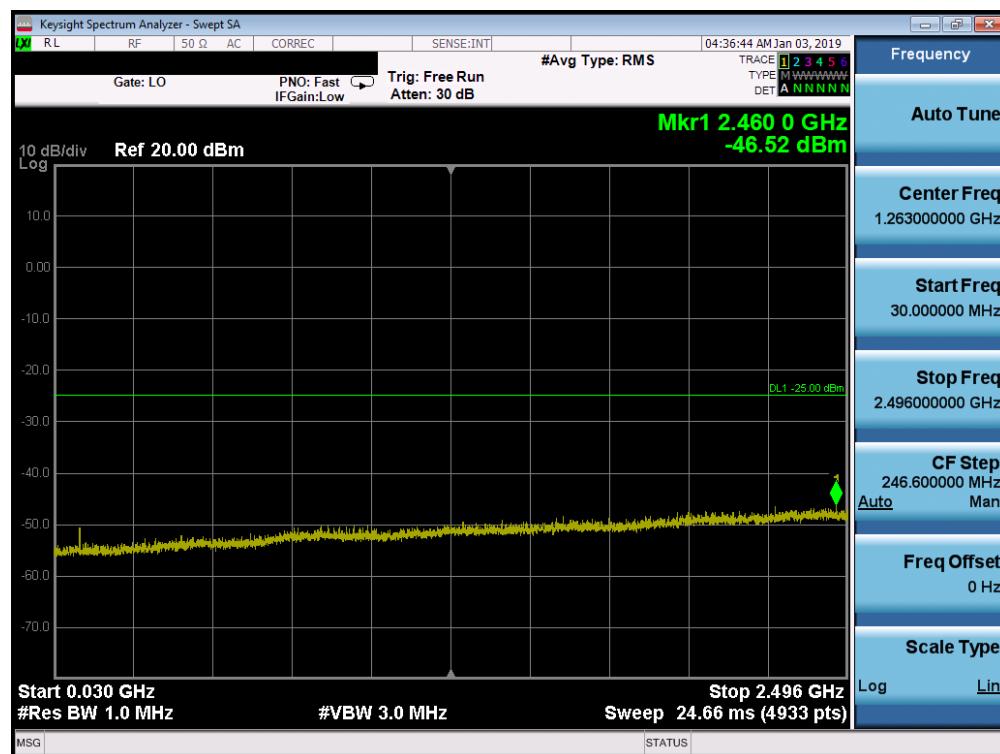


Plot 7-164. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

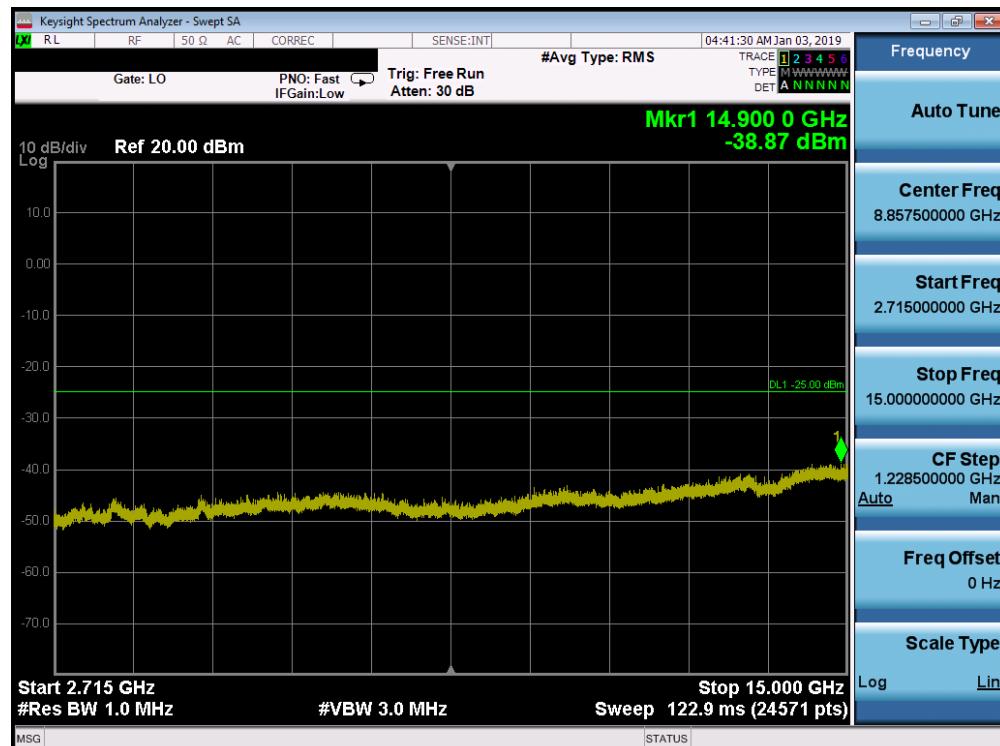


Plot 7-165. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 108 of 340

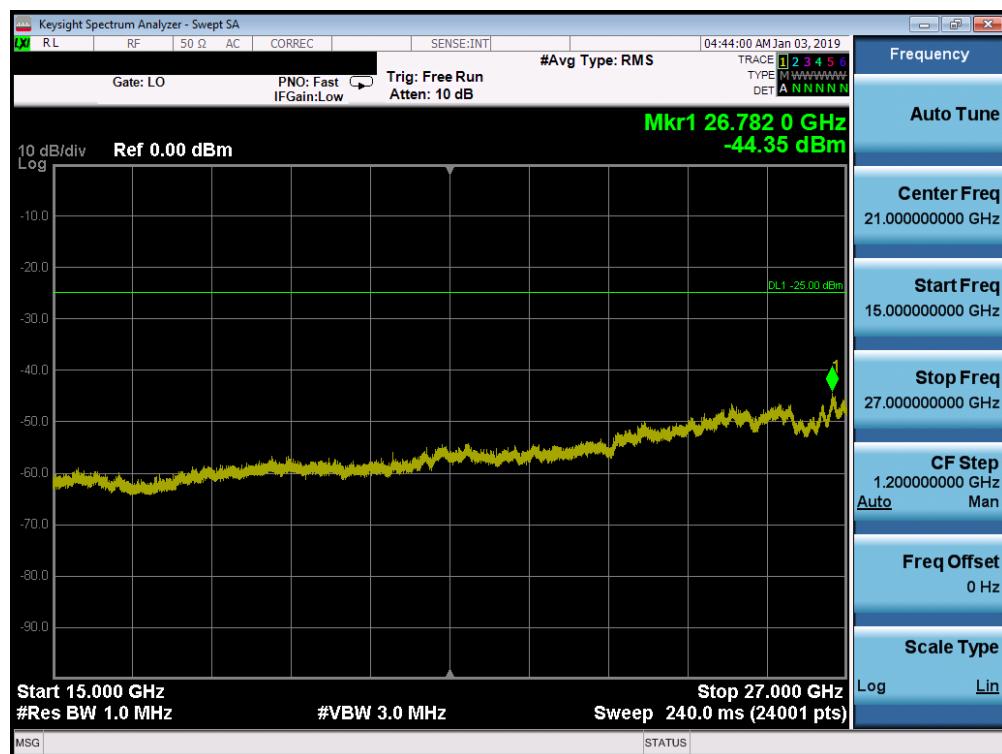


Plot 7-166. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



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

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 109 of 340



Plot 7-168. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 110 of 340

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 < 2288MHz & >2365MHz.

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.

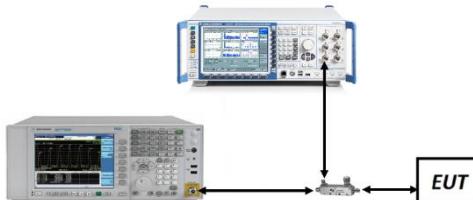


Figure 7-3. Test Instrument & Measurement Setup

FCC ID: BCGA2124	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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.

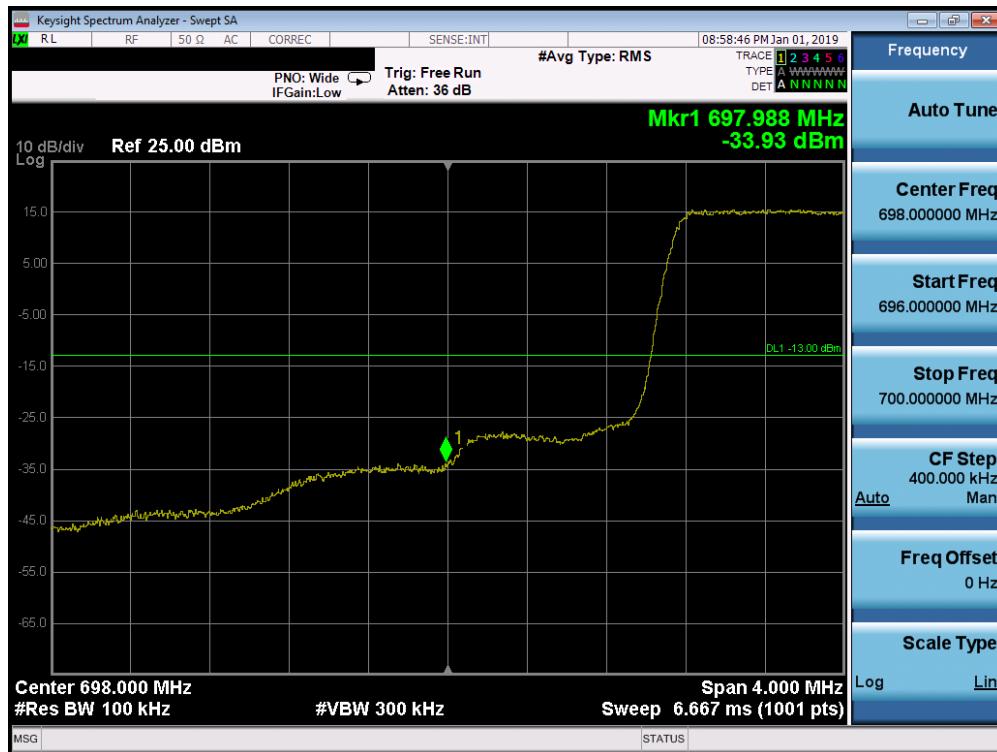
For all plots showing emissions in the 763 – 775MHz and 793 – 805MHz band, the FCC limit per 27.53(c)(4) is $65 + 10\log_{10}(P) = -35\text{dBm}$ in a 6.25kHz bandwidth.

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.

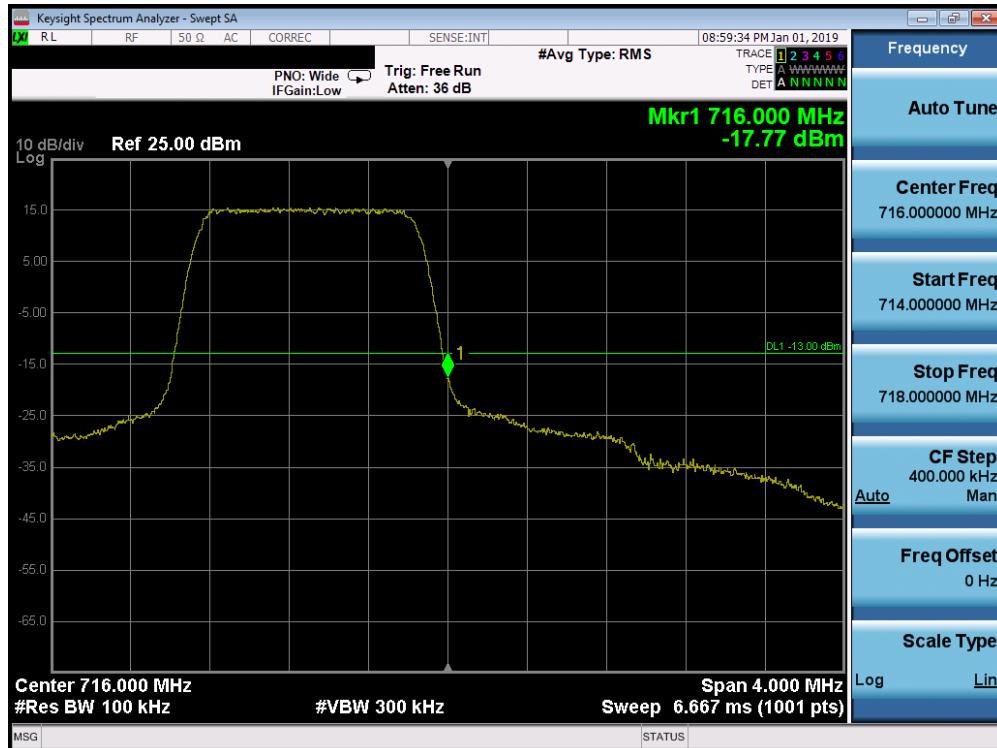
Per 27.53(m) for operations in the BRS/EBS bands, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge,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

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Band 12

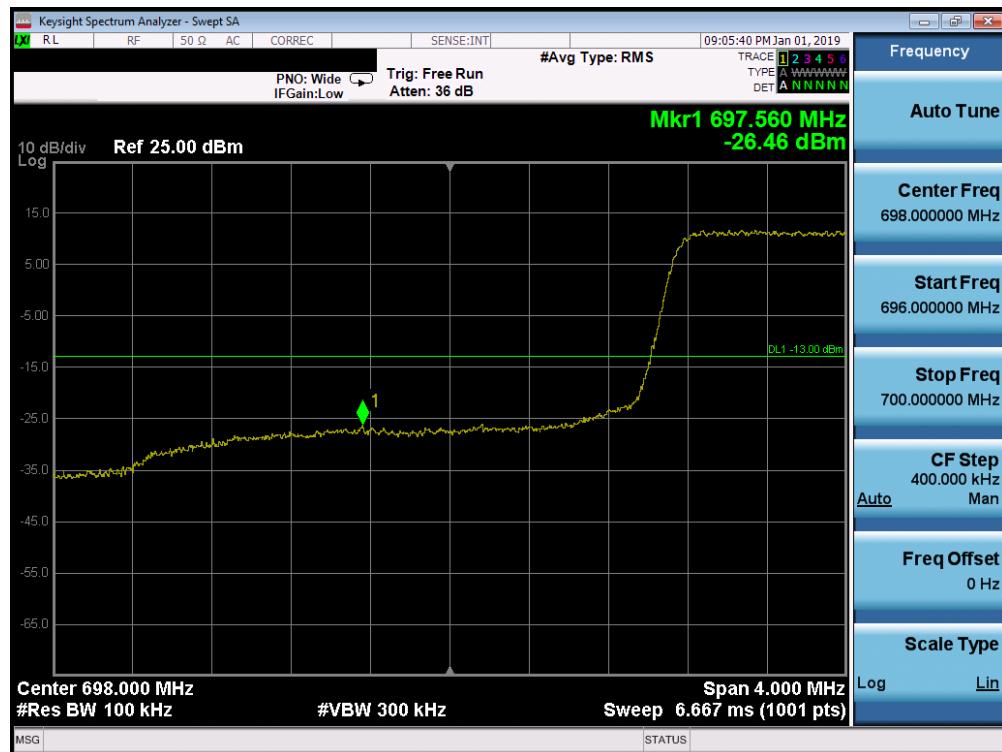


Plot 7-169. Lower Band Edge Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)

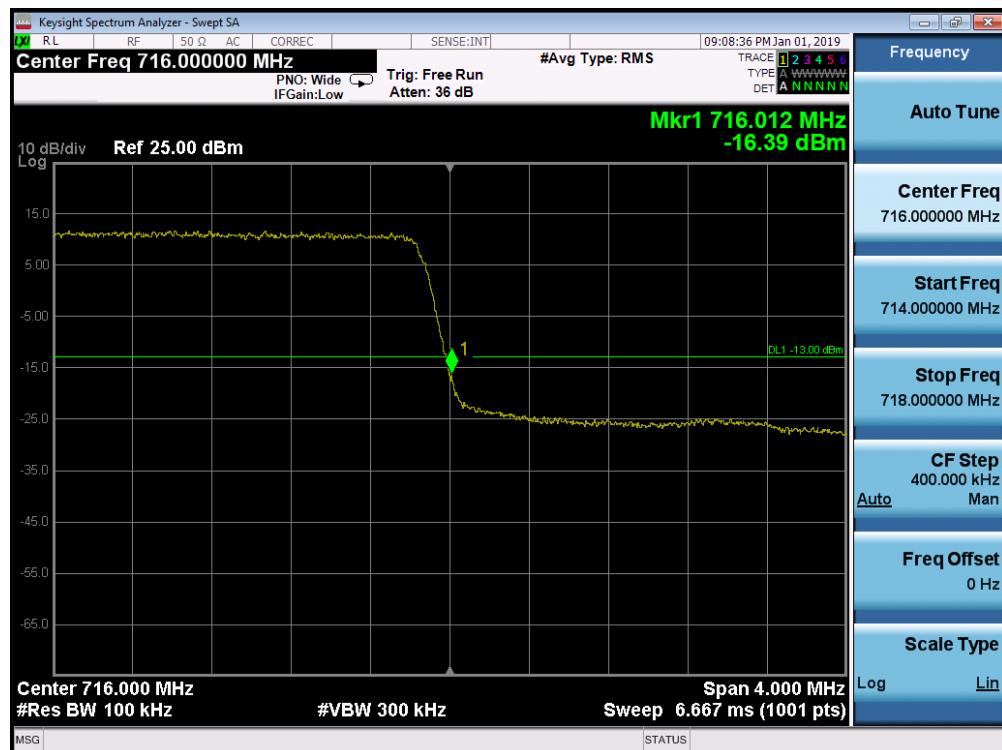


Plot 7-170. Upper Band Edge Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 113 of 340	

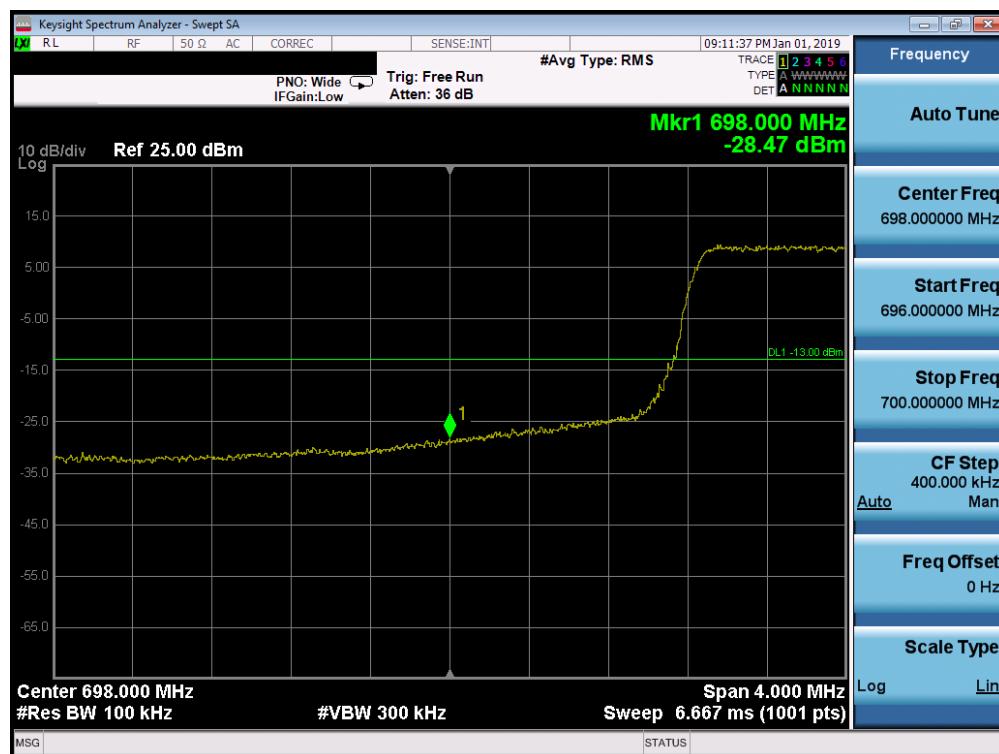


Plot 7-171. Lower Band Edge Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-172. Upper Band Edge Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 114 of 340

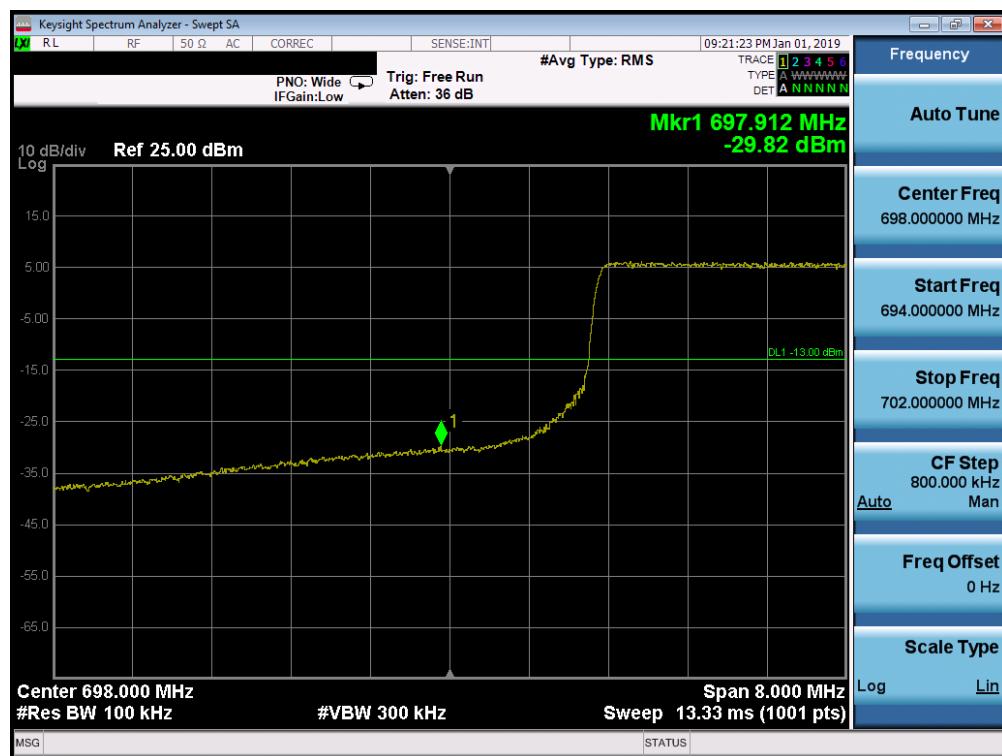


Plot 7-173. Lower Band Edge Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-174. Upper Band Edge Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 115 of 340



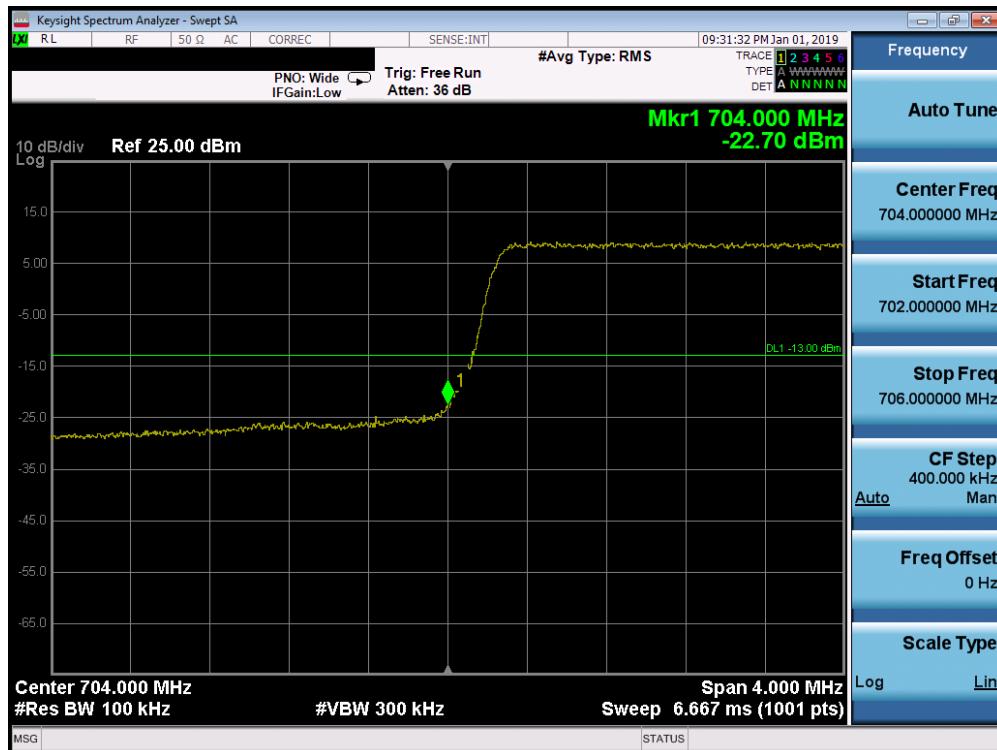
Plot 7-175. Lower Band Edge Plot (Band 12 - 10.0MHz QPSK - Full RB Configuration)



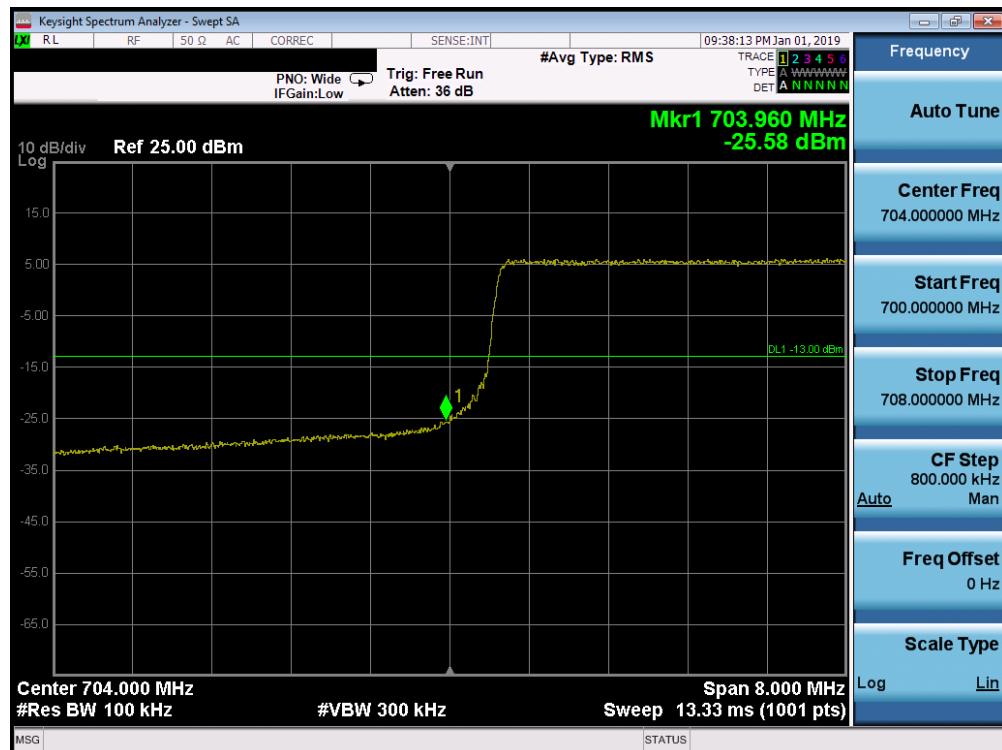
Plot 7-176. Upper Band Edge Plot (Band 12 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 116 of 340

Band 17



FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 117 of 340	



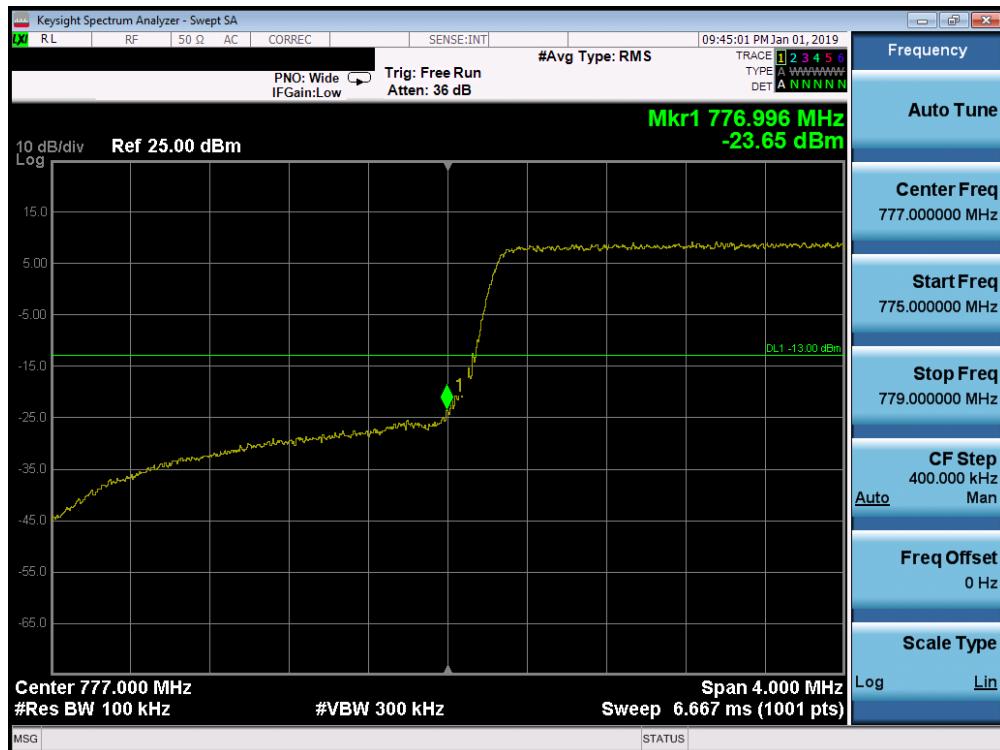
Plot 7-179. Lower Band Edge Plot (Band 17 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-180. Higher Band Edge Plot (Band 17 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 118 of 340	

Band 13

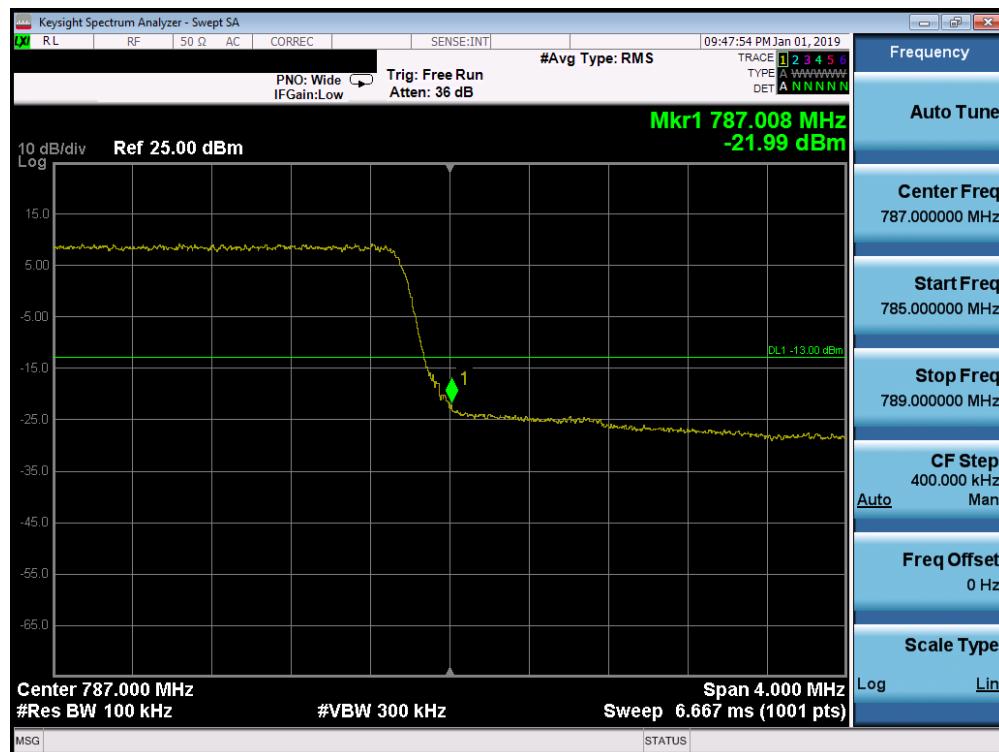


Plot 7-181. Lower Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-182. Lower Emission Mask Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 119 of 340



Plot 7-183. Upper Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-184. Higher Emission Mask Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 120 of 340

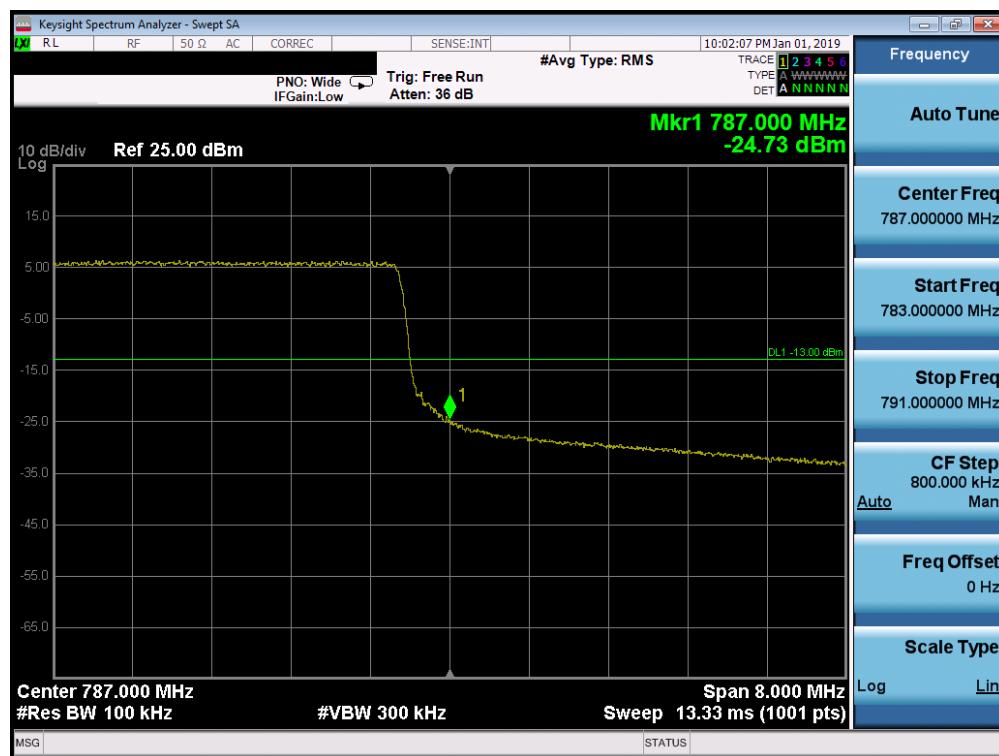


Plot 7-185. Lower Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-186. Lower Emission Mask Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 121 of 340



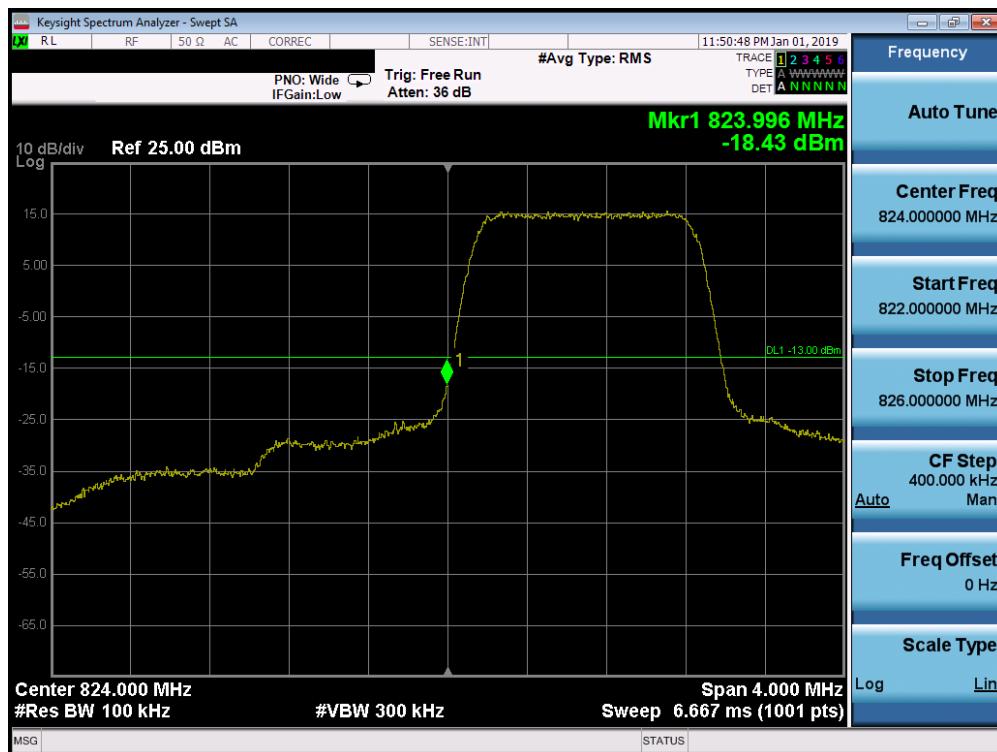
Plot 7-187. Upper Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-188. Higher Emission Mask Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 122 of 340

Band 5

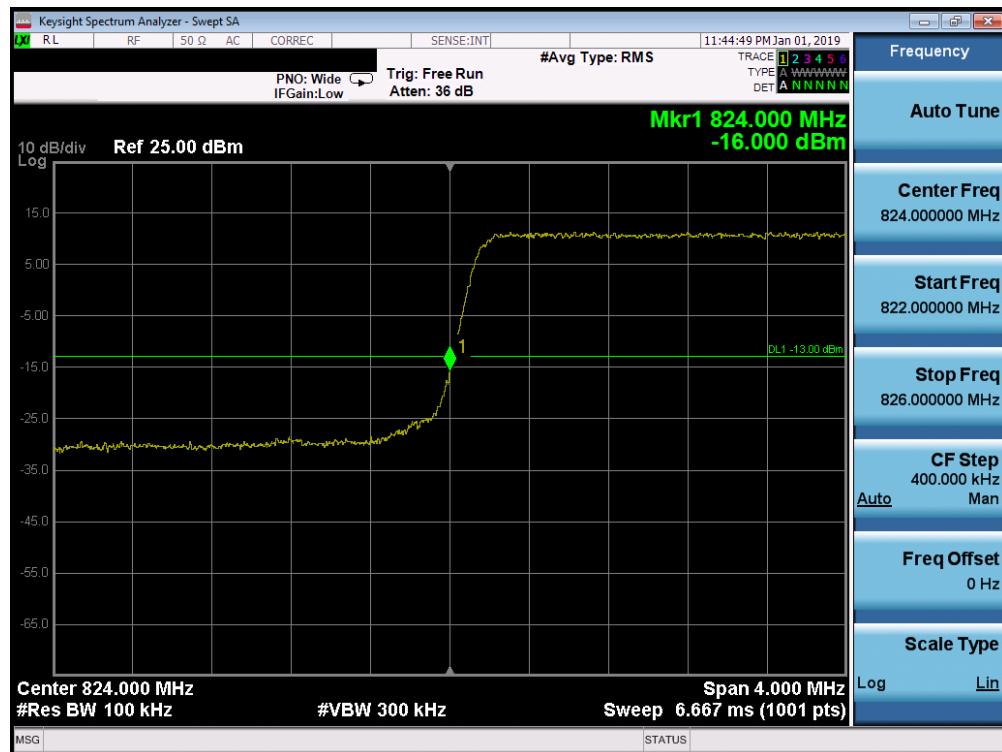


Plot 7-189. Lower Band Edge Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)



Plot 7-190. Upper Band Edge Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 123 of 340	

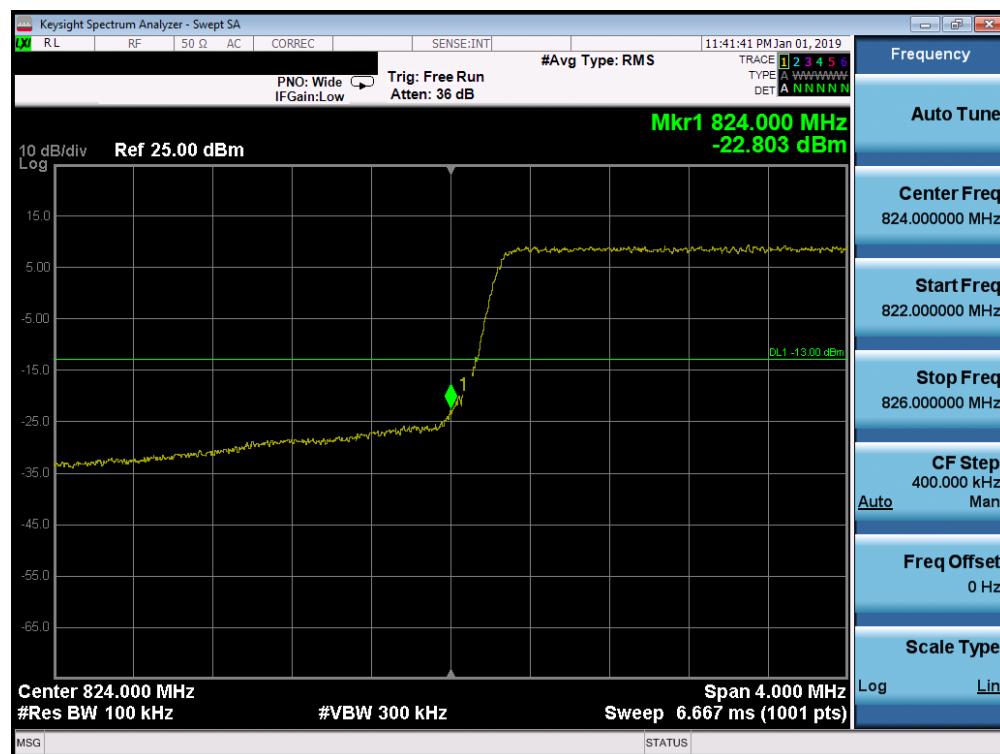


Plot 7-191. Lower Band Edge Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-192. Upper Band Edge Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 124 of 340	

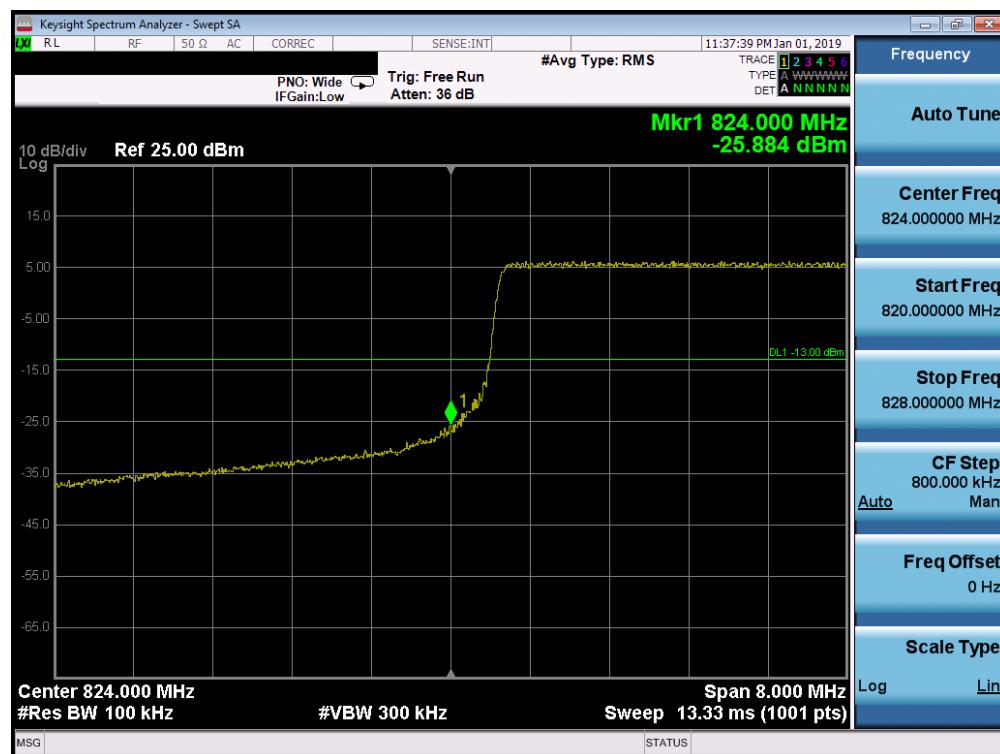


Plot 7-193. Lower Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)

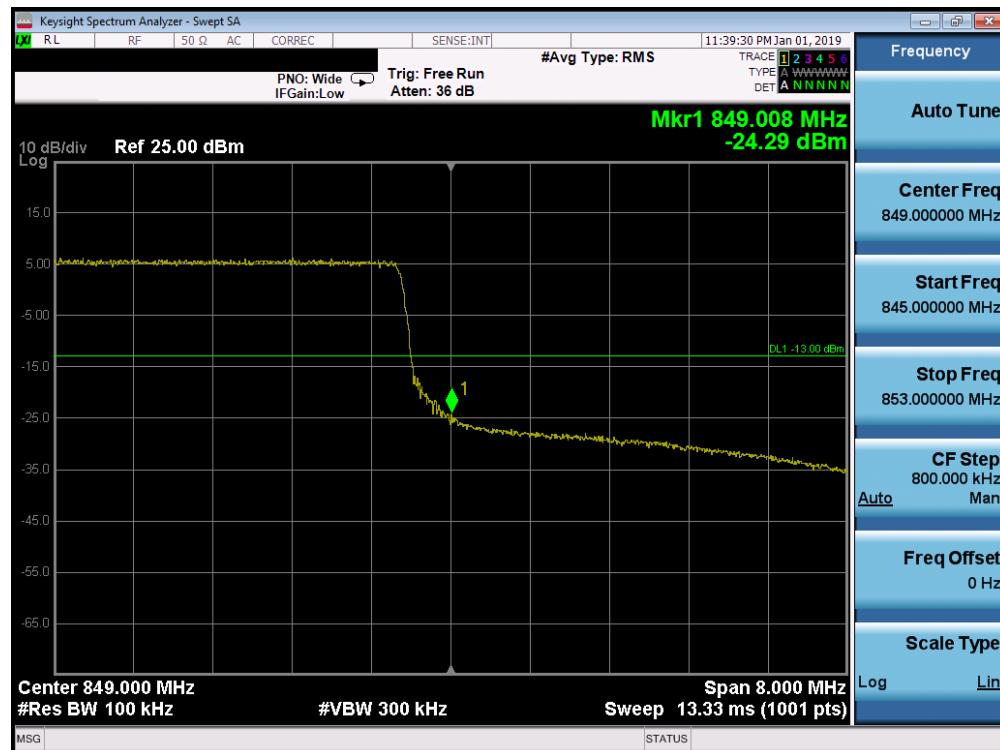


Plot 7-194. Upper Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 125 of 340



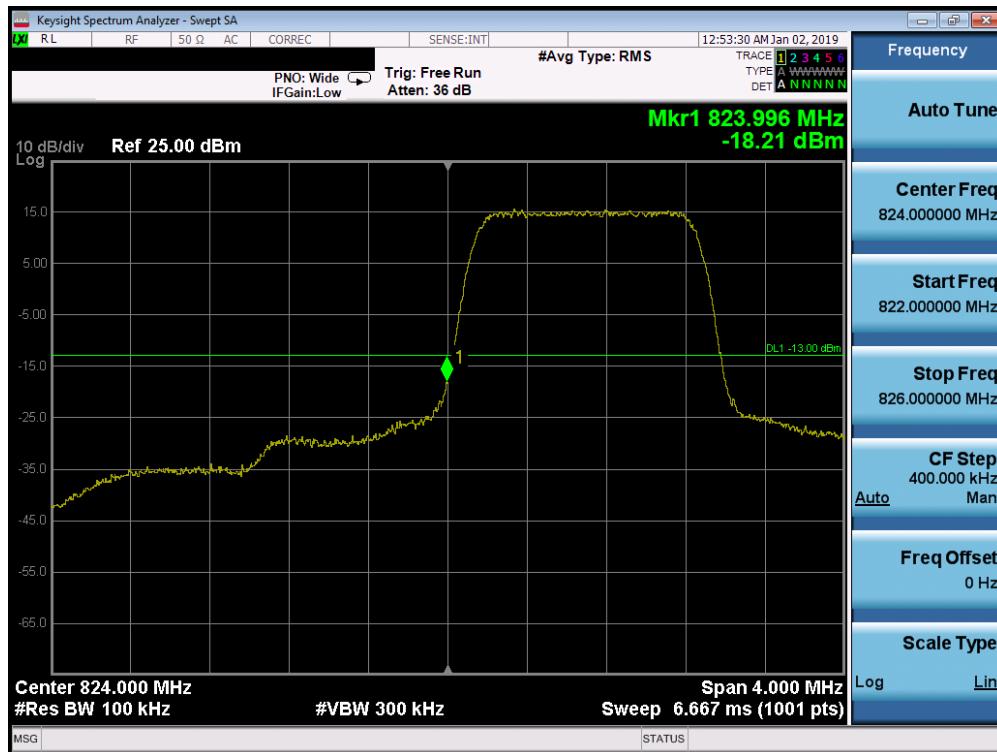
Plot 7-195. Lower Band Edge Plot (Band 5 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-196. Upper Band Edge Plot (Band 5 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 126 of 340

Band 26

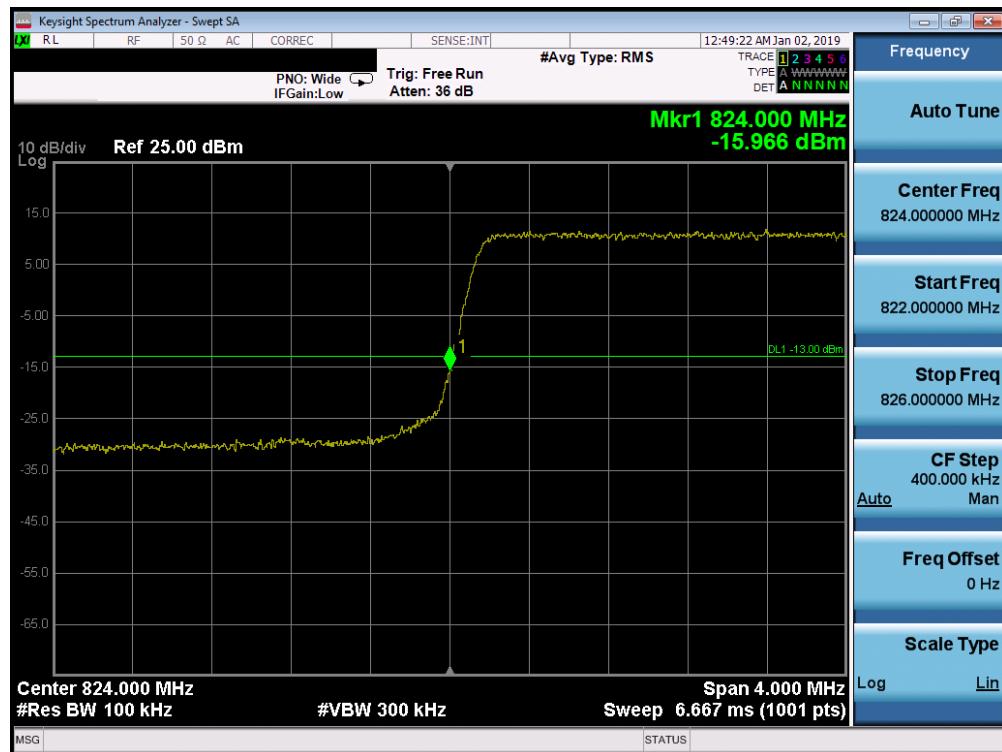


Plot 7-197. Lower Band Edge Plot (Band 26 - 1.4MHz QPSK - Full RB Configuration)

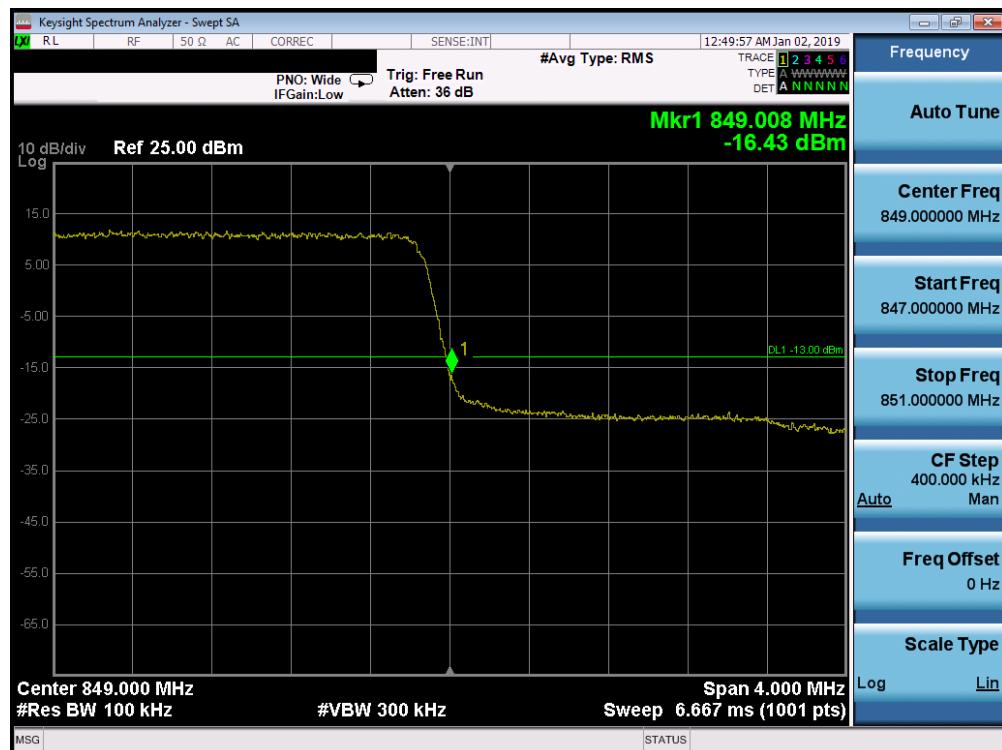


Plot 7-198. Upper Band Edge Plot (Band 26 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 127 of 340

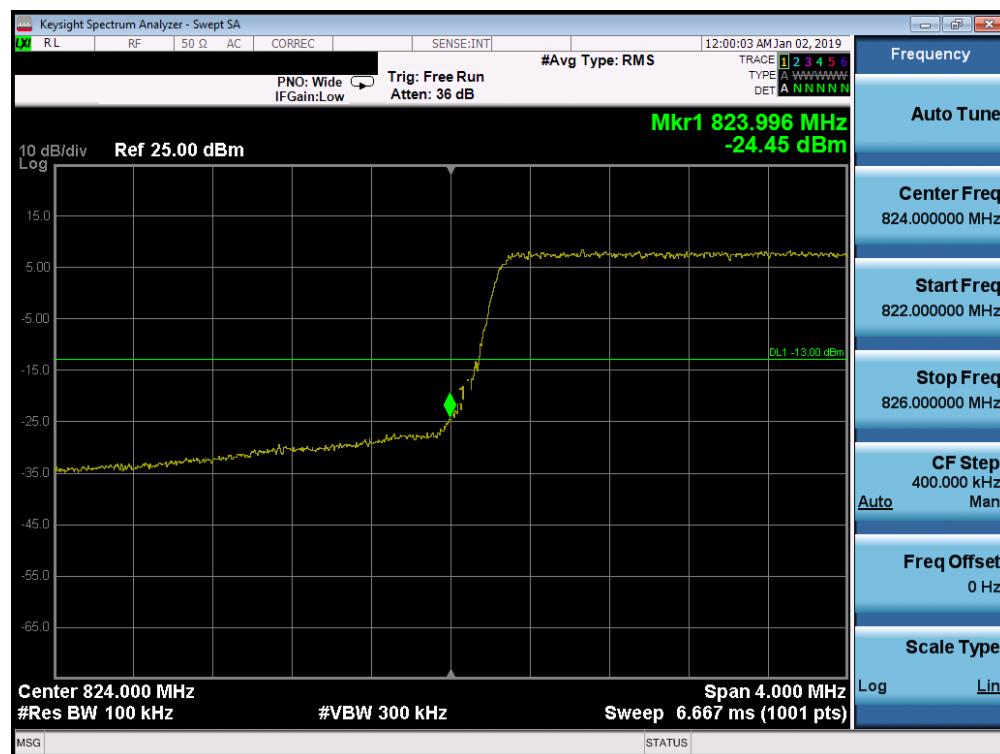


Plot 7-199. Lower Band Edge Plot (Band 26 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-200. Upper Band Edge Plot (Band 26 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 128 of 340

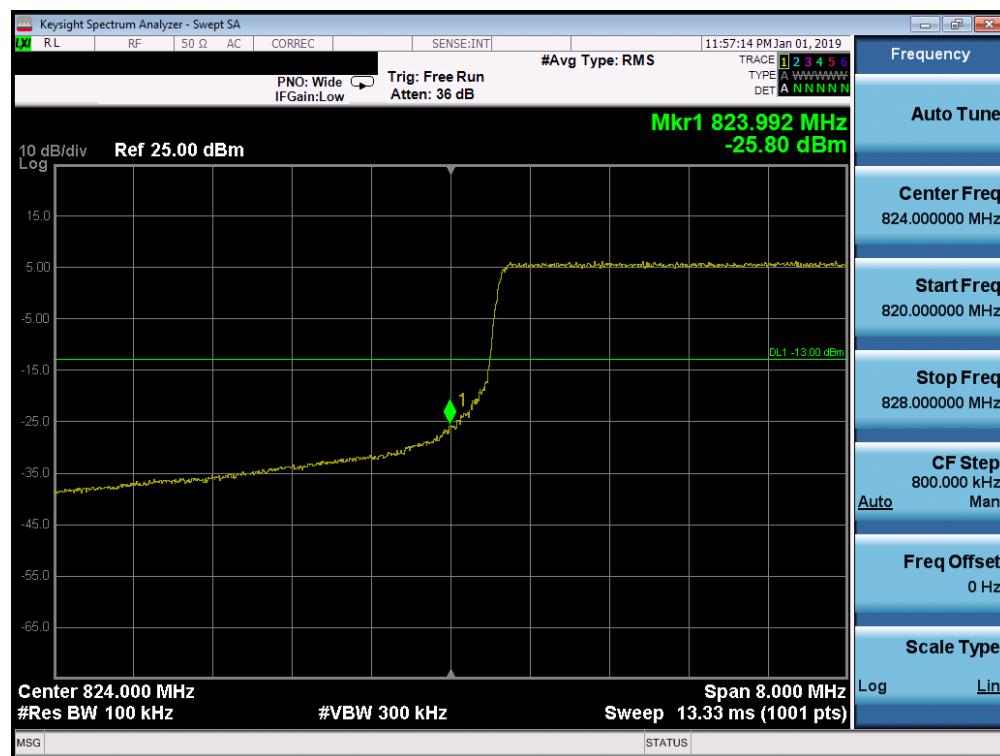


Plot 7-201. Lower Band Edge Plot (Band 26 - 5.0MHz QPSK - Full RB Configuration)

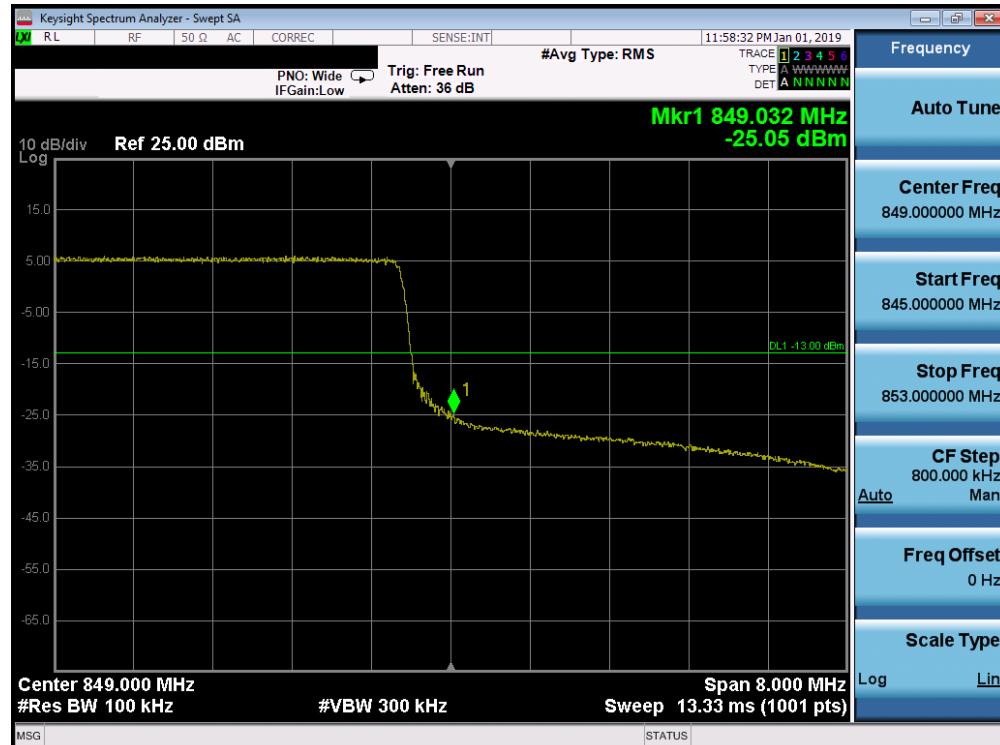


Plot 7-202. Upper Band Edge Plot (Band 26 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 129 of 340



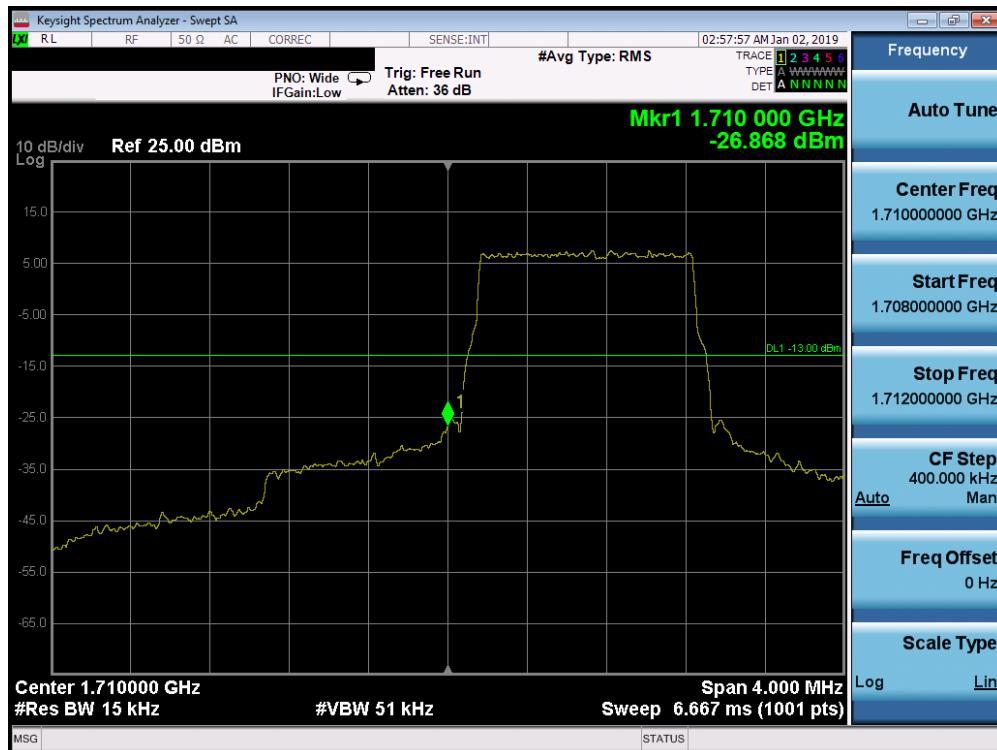
Plot 7-203. Lower Band Edge Plot (Band 26 - 10.0MHz QPSK - Full RB Configuration)



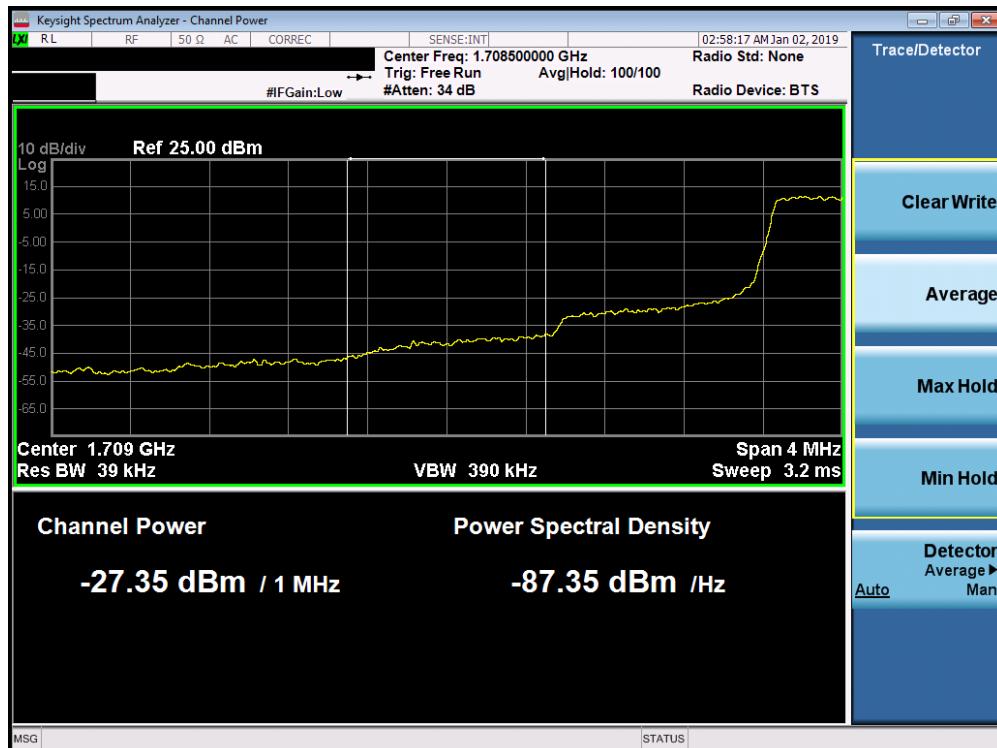
Plot 7-204. Upper Band Edge Plot (Band 26 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Band 66



Plot 7-205. Lower Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

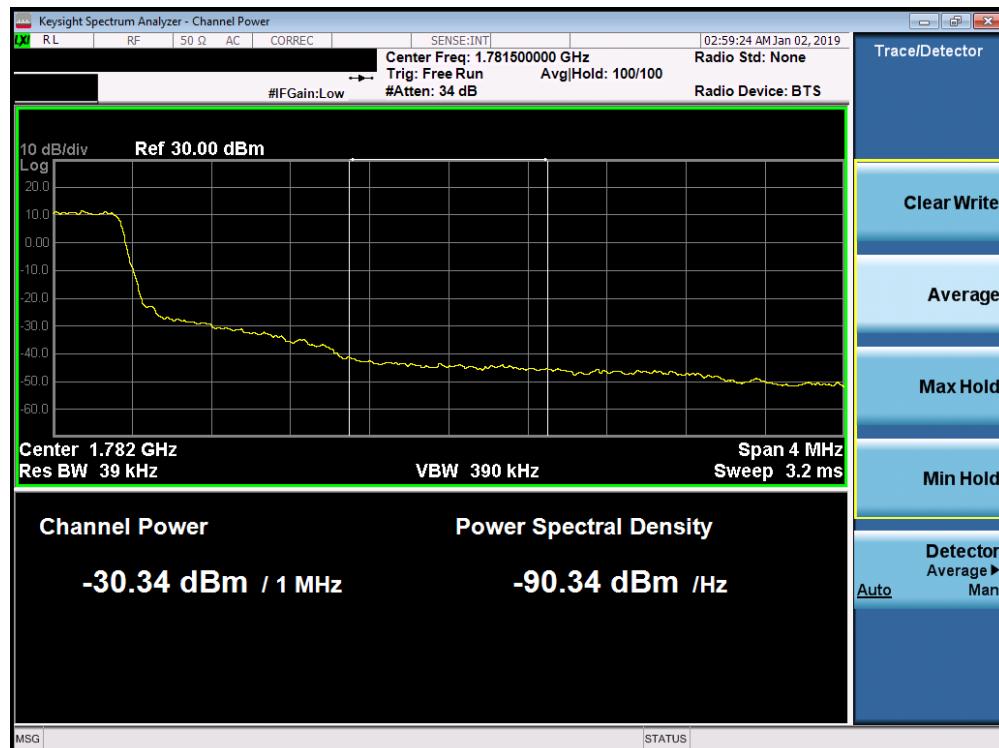


Plot 7-206. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST Engineering Laboratory, Inc.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device		Page 131 of 340

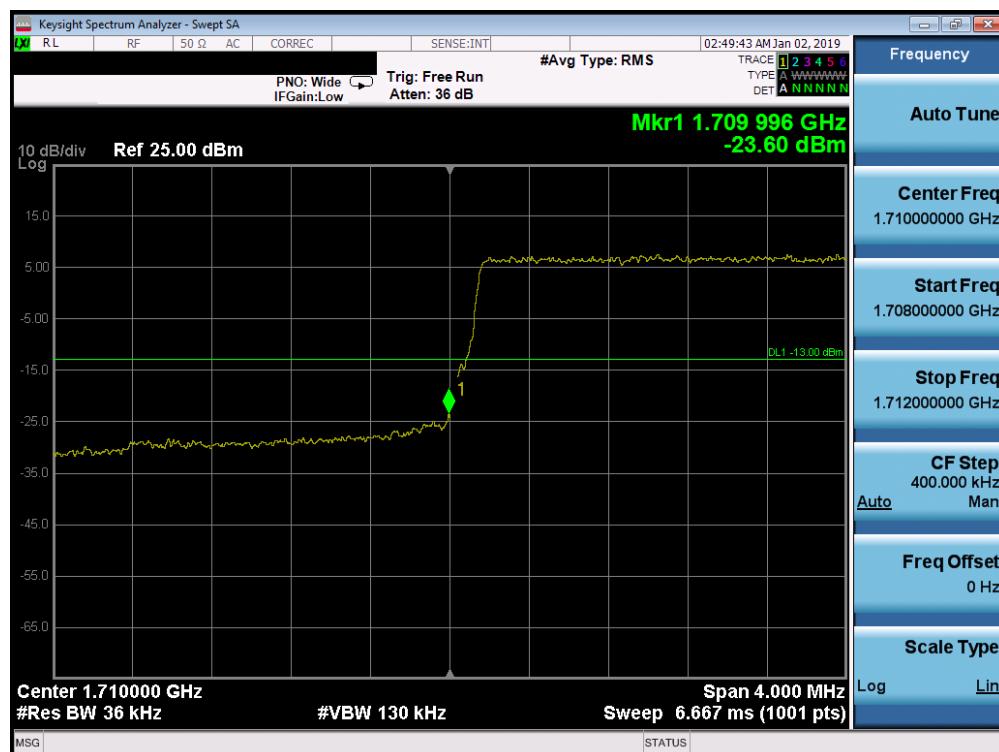


Plot 7-207. Upper Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

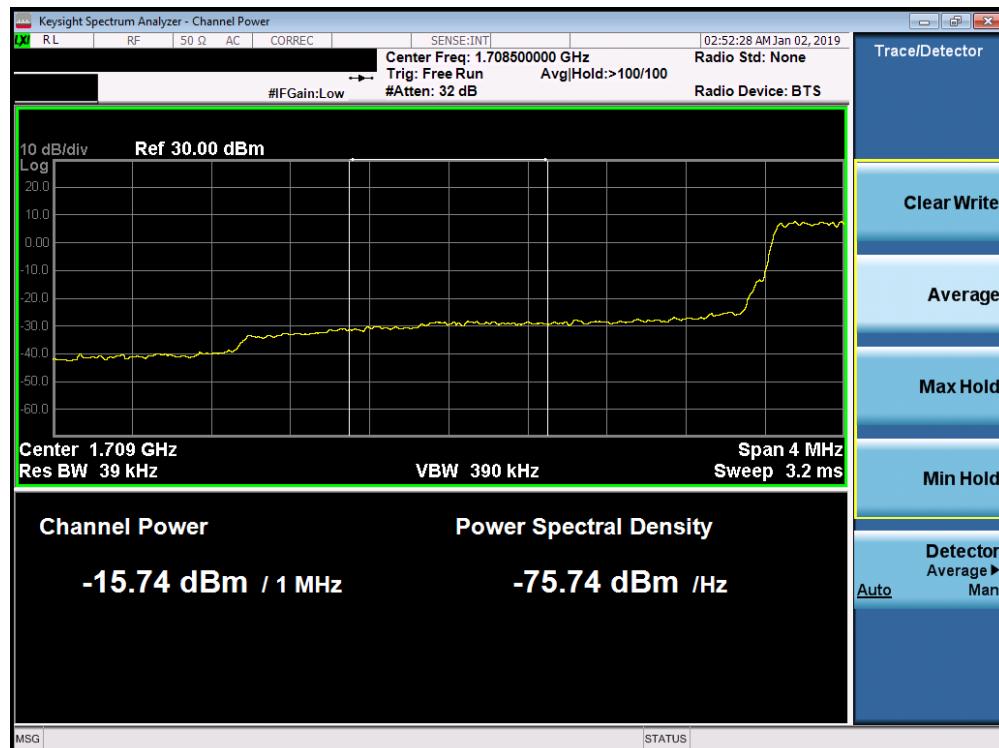


Plot 7-208. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 132 of 340

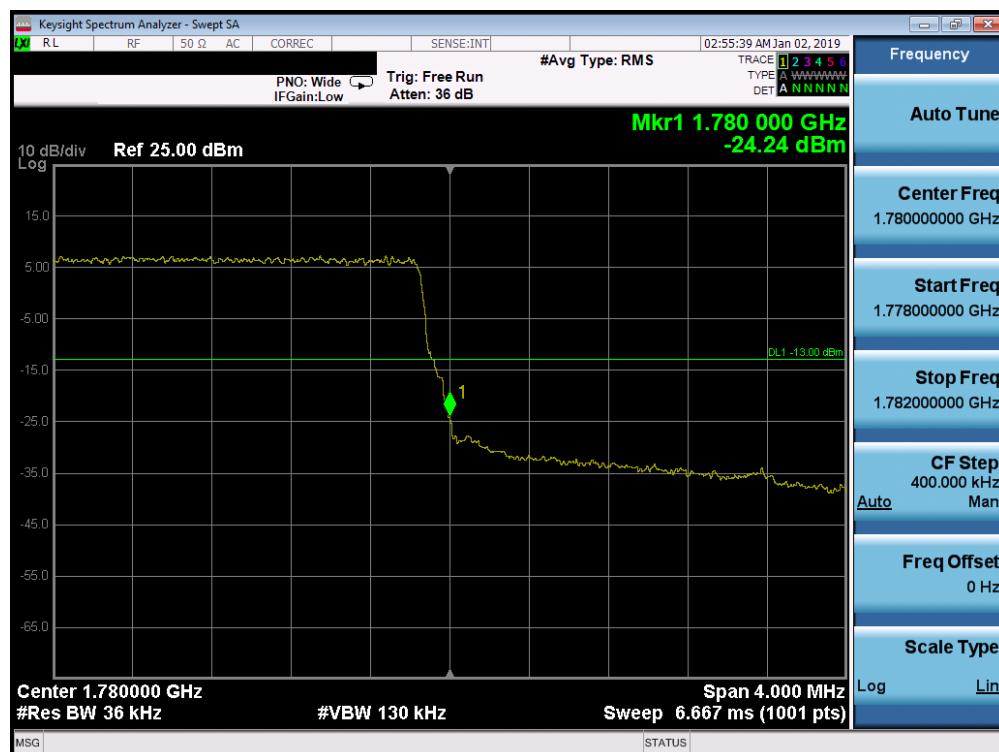


Plot 7-209. Lower Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

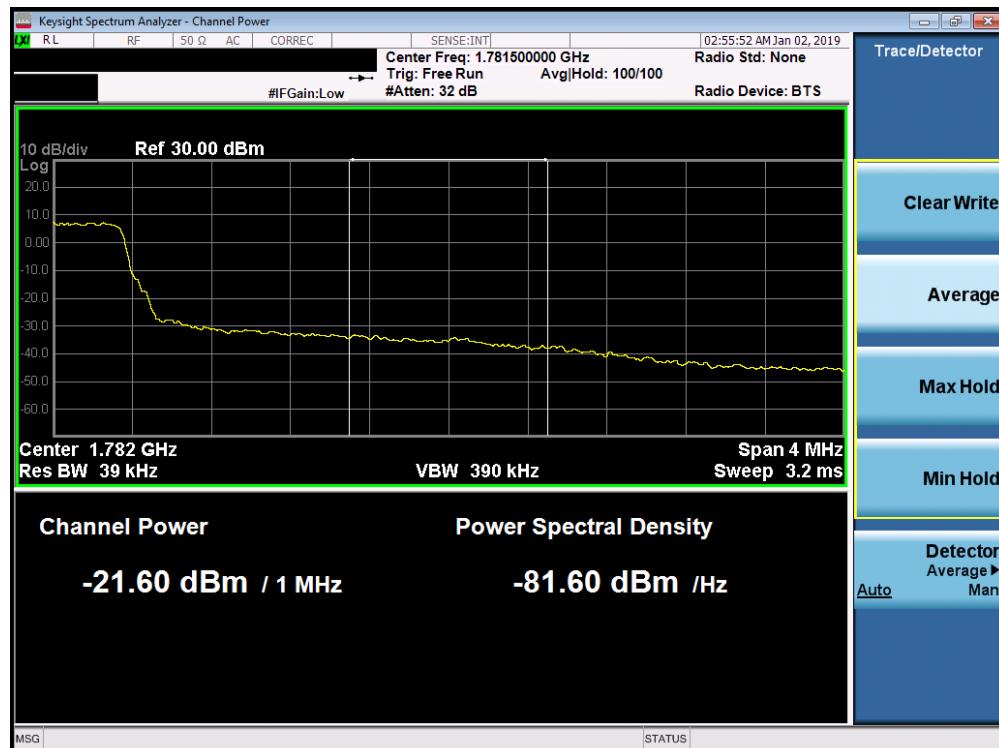


Plot 7-210. Lower Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 133 of 340

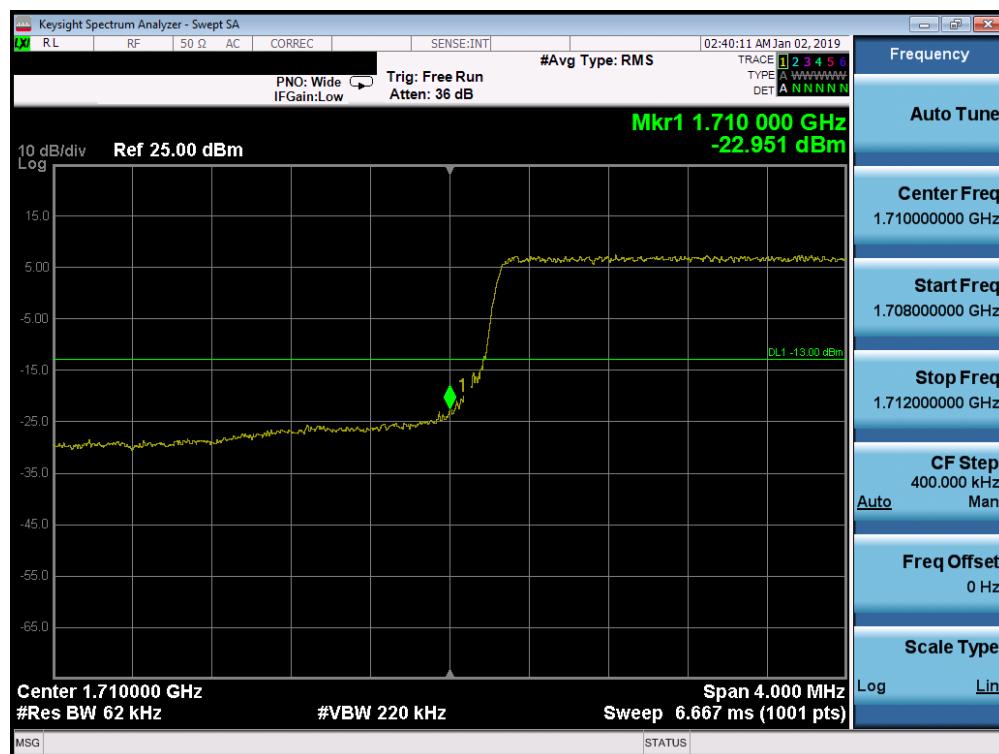


Plot 7-211. Upper Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

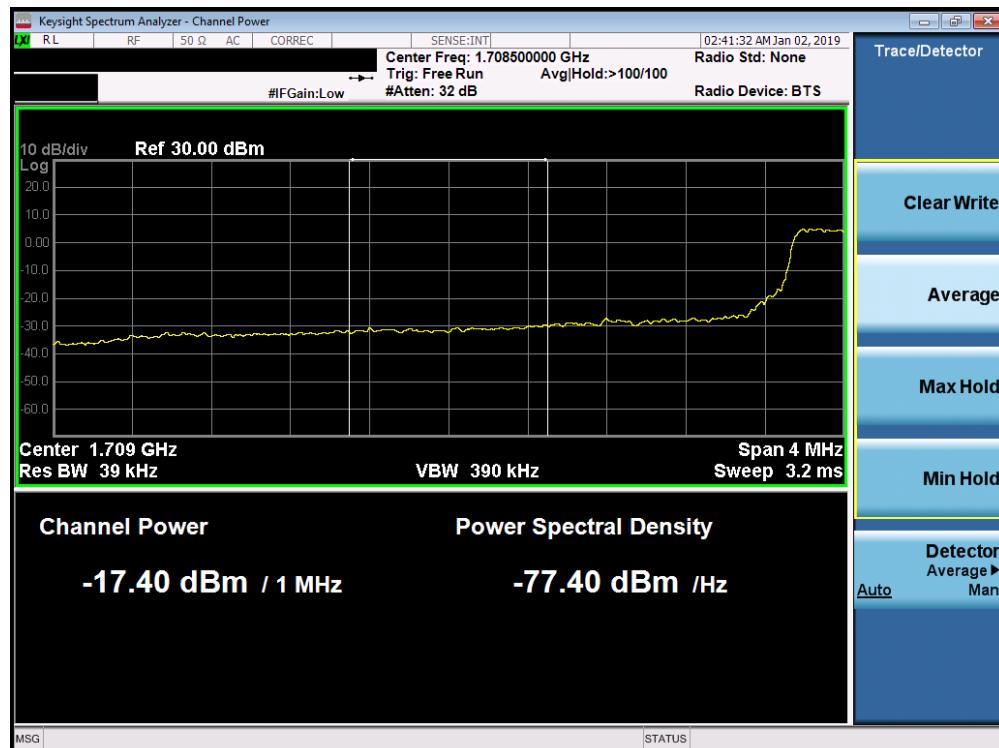


Plot 7-212. Upper Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 134 of 340



Plot 7-213. Lower Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-214. Lower Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2124	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080027-03-R1.BCG	Test Dates: 12/19/2018-02/07/2019	EUT Type: Tablet Device	Page 135 of 340