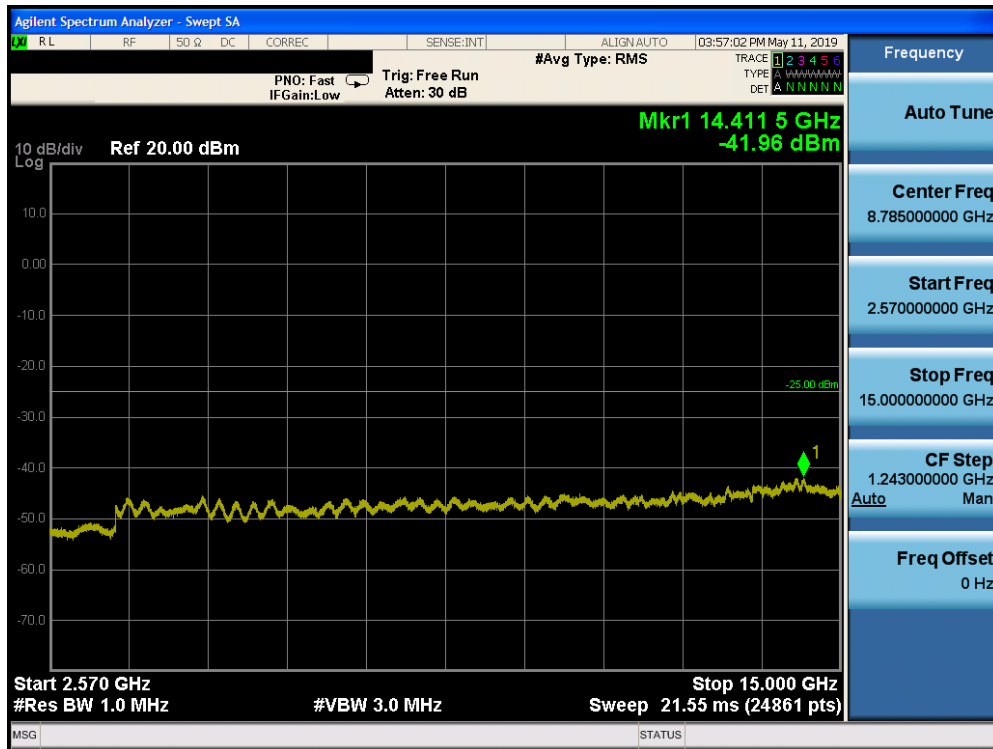
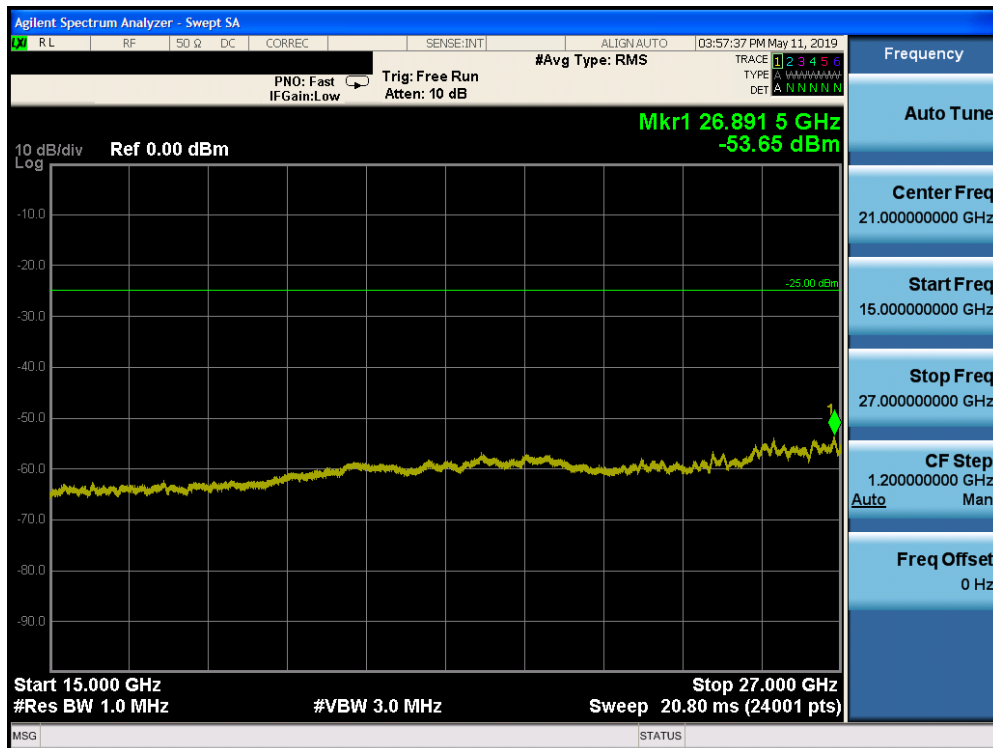


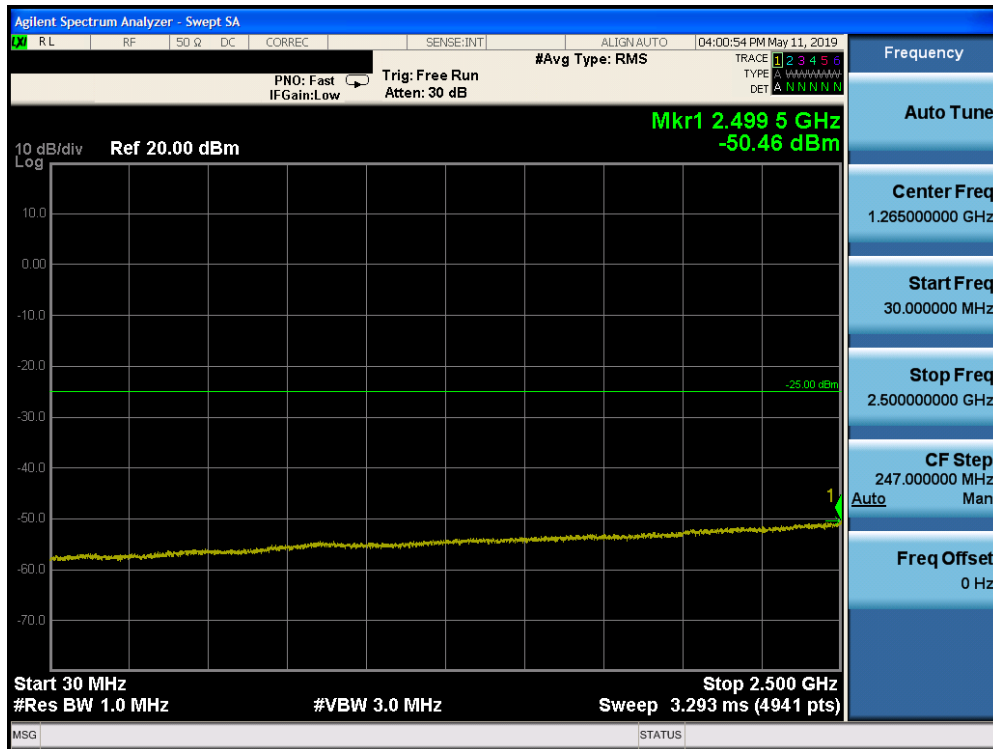


Plot 7-80. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

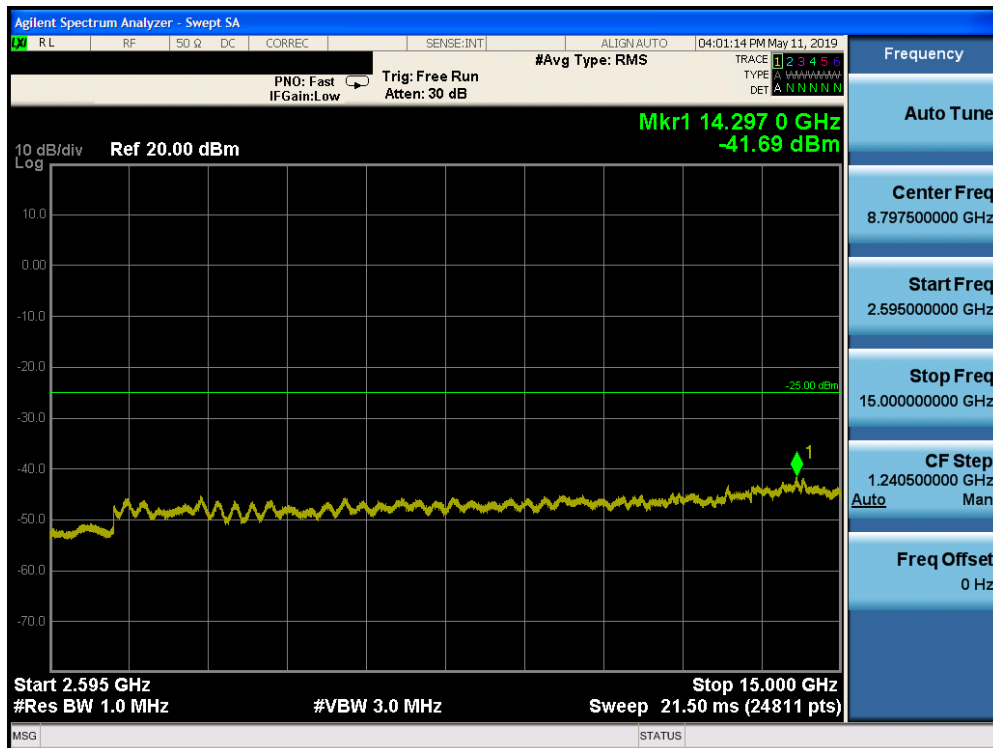


Plot 7-81. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 65 of 203                  |

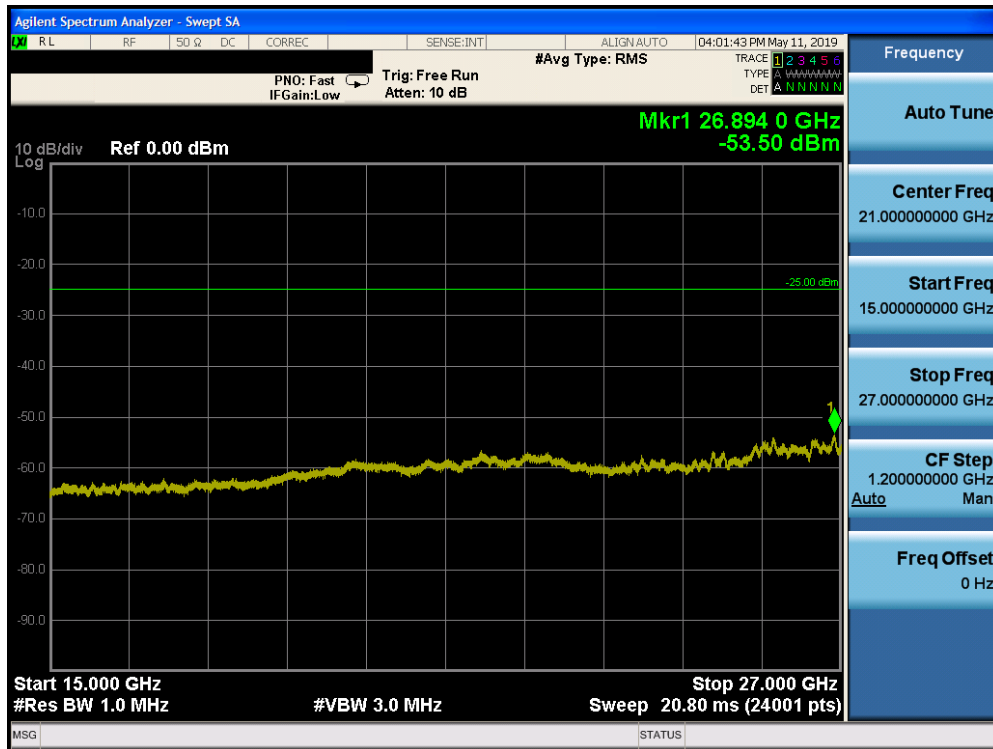


Plot 7-82. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-83. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

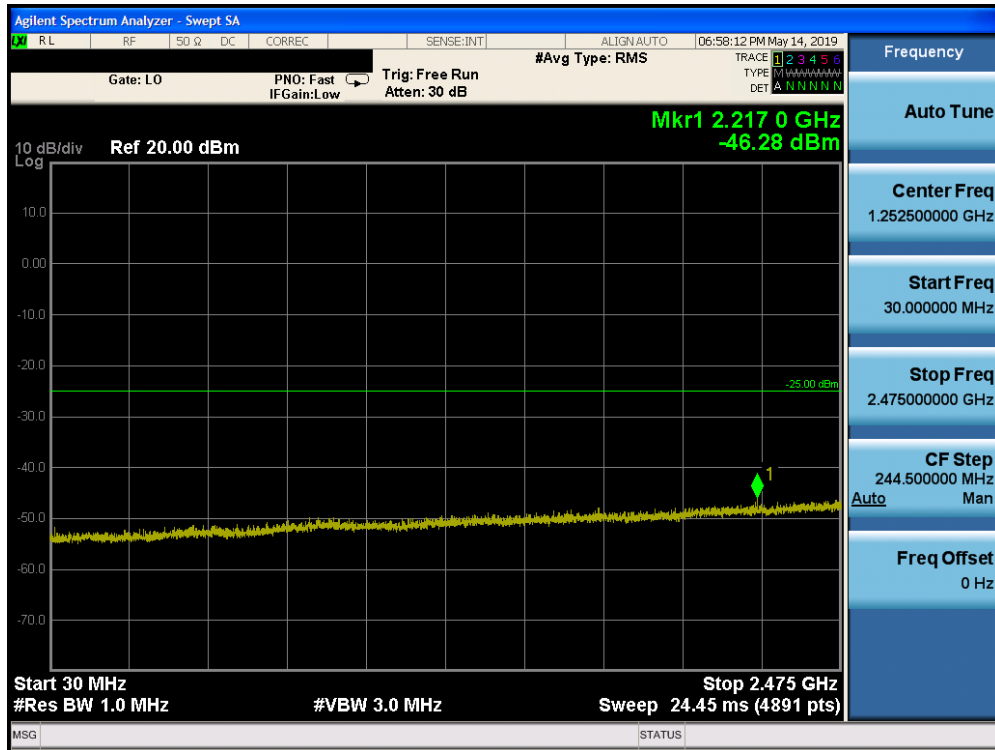
|                                         |                                               |                                               |                                 |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                            | Page 66 of 203                  |



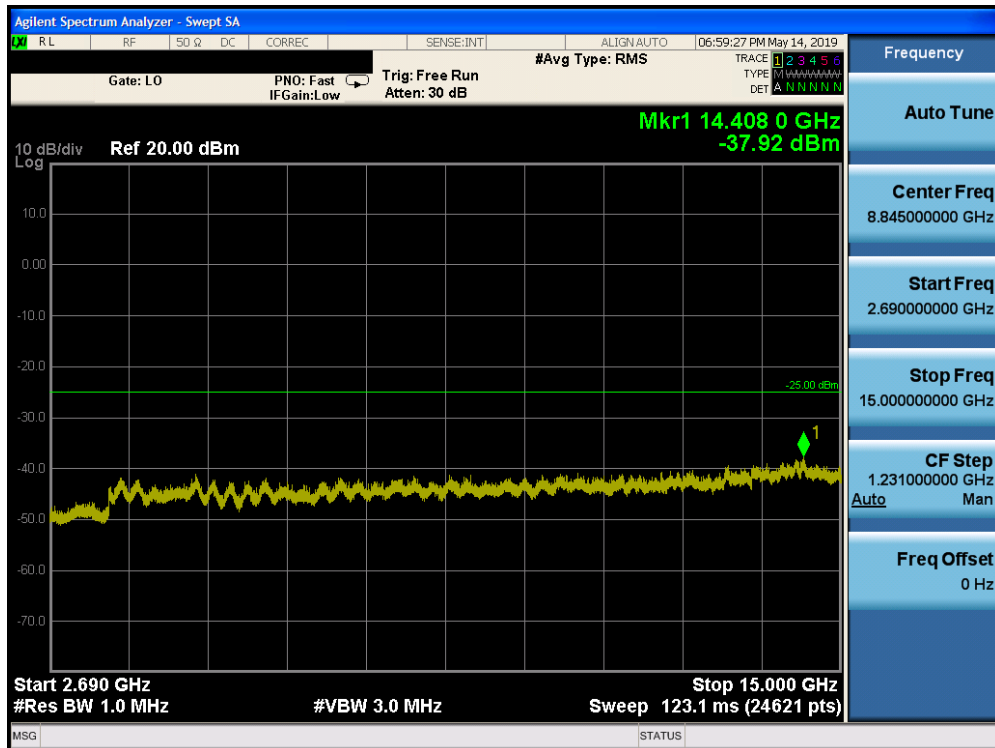
Plot 7-84. Conducted Spurious Plot (Band 7 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                                |                                               |                           |                                        |
|------------------------------------------------|-----------------------------------------------|---------------------------|----------------------------------------|
| <b>FCC ID:</b> BCG-A2156                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                           | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C1905130009-03.BCG | <b>Test Dates:</b><br>05/02/2019 - 08/15/2019 | <b>EUT Type:</b><br>Watch | Page 67 of 203                         |

## Band 41

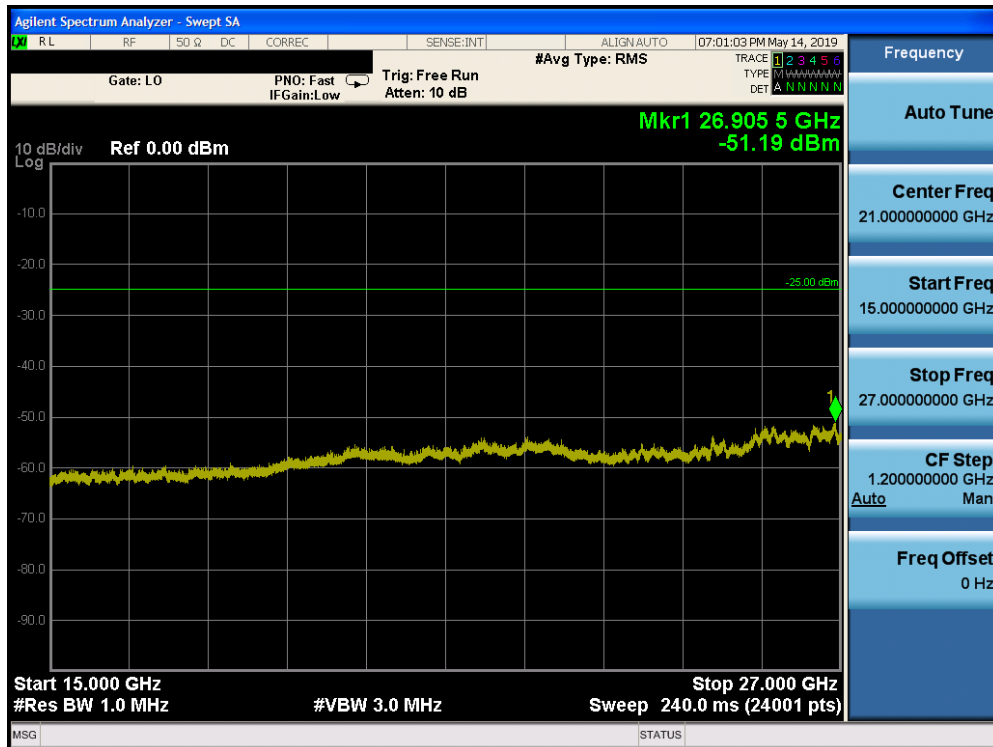


Plot 7-85. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

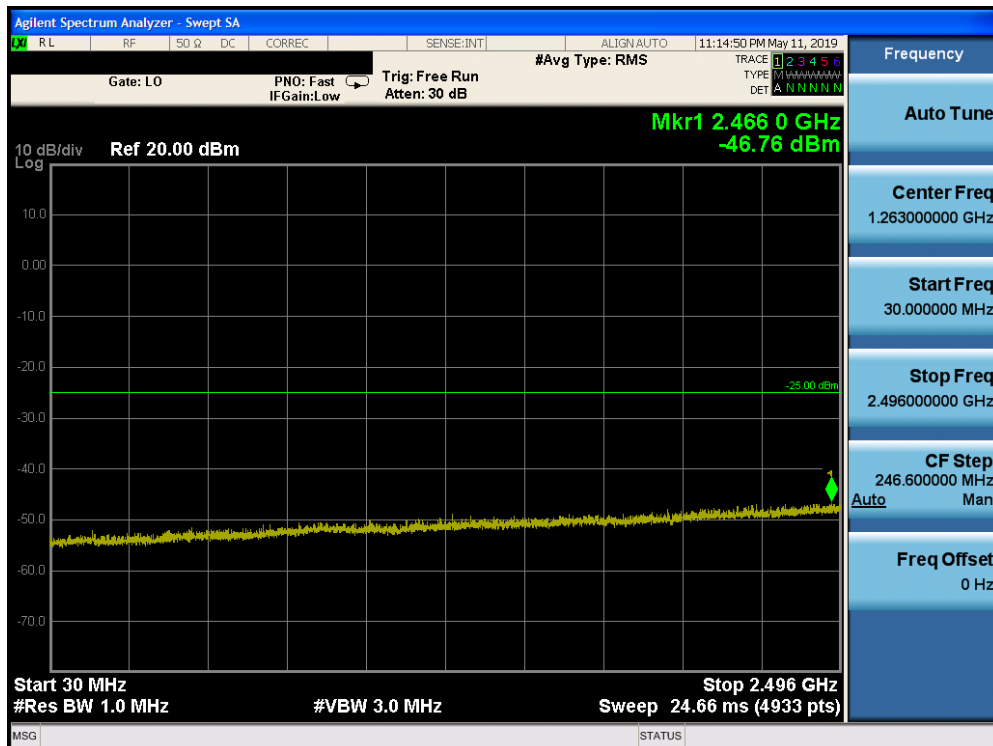


Plot 7-86. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 68 of 203                  |

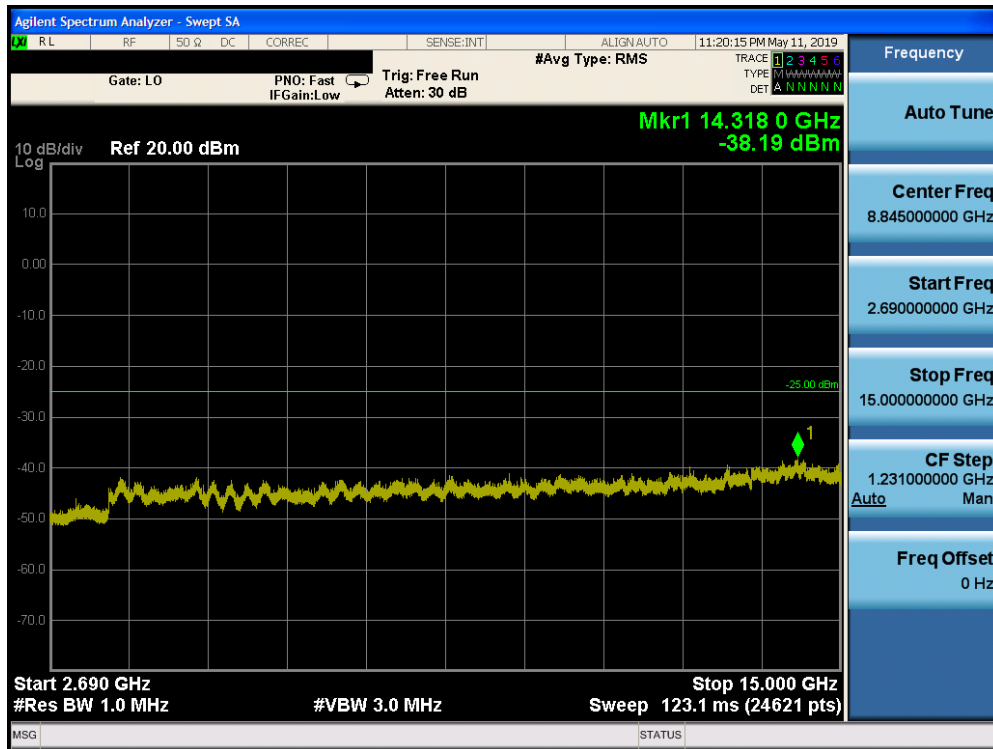


Plot 7-87. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

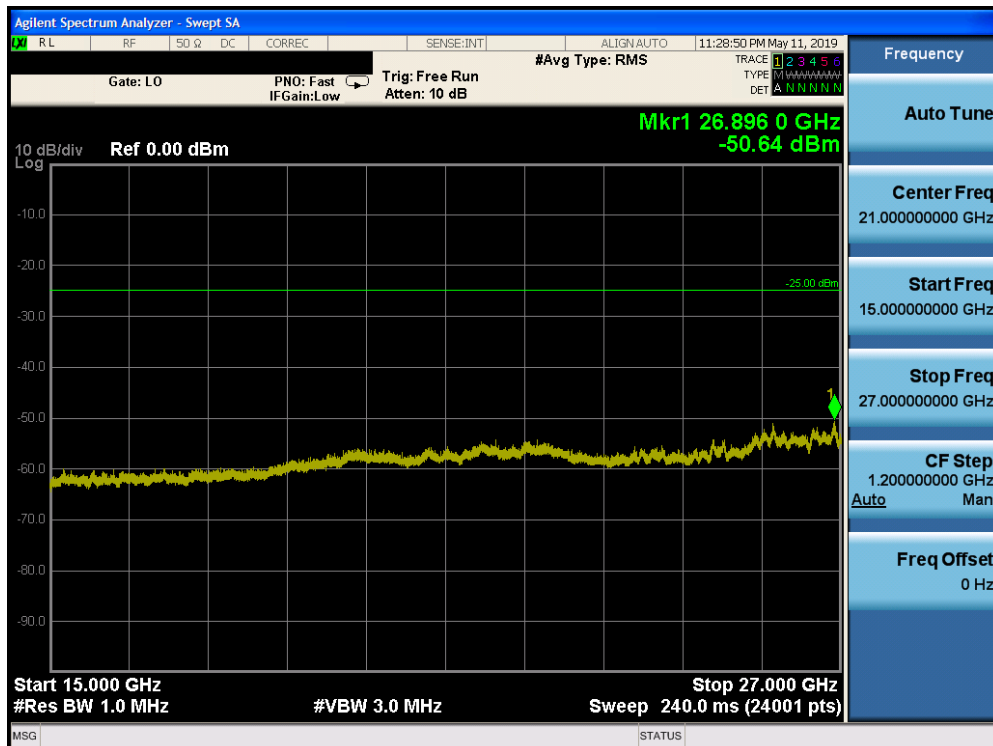


Plot 7-88. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 69 of 203                  |

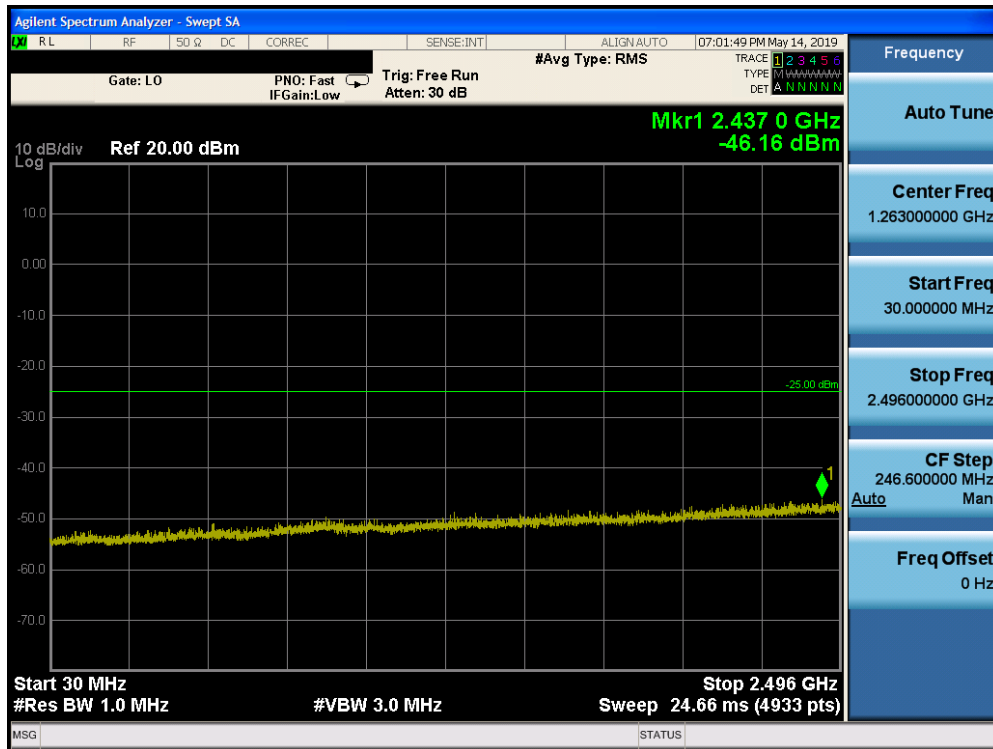


Plot 7-89. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

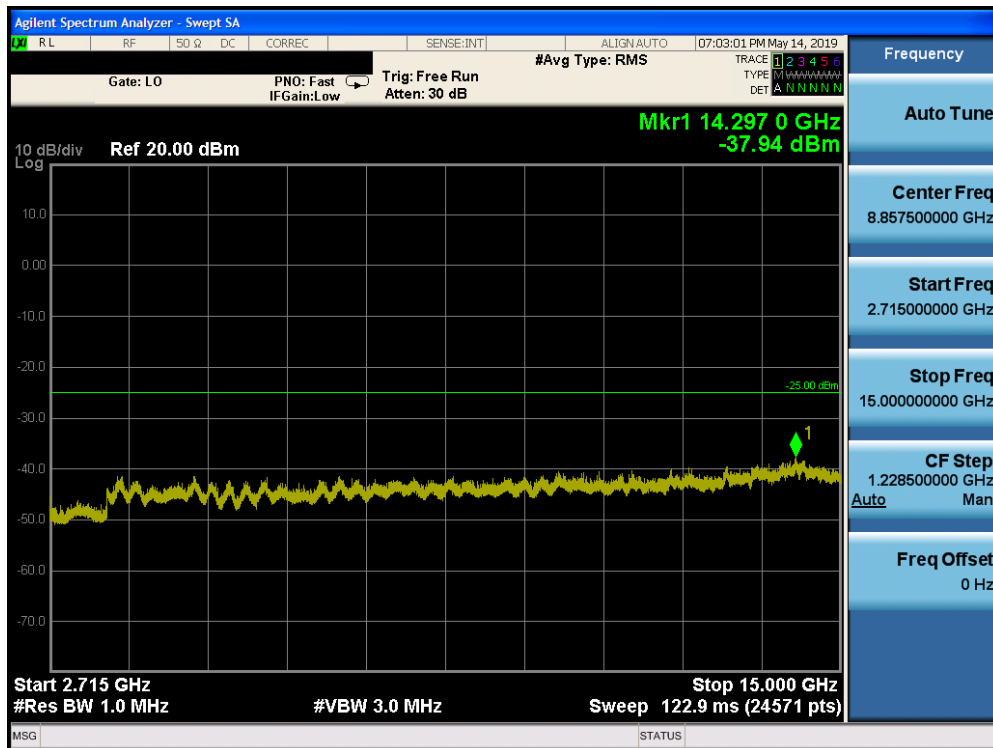


Plot 7-90. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 70 of 203                  |

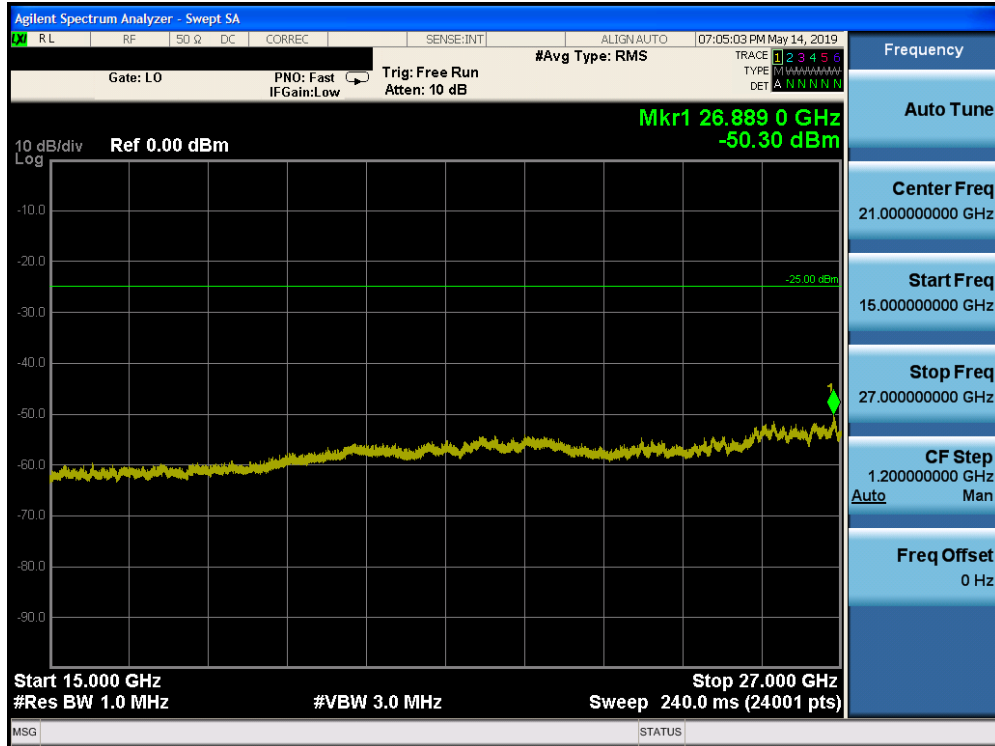


Plot 7-91. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



Plot 7-92. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 71 of 203                  |



Plot 7-93. Conducted Spurious Plot (Band 41 - 20.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                            | EUT Type:<br>Watch | Page 72 of 203                  |

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

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

### Test Procedure Used

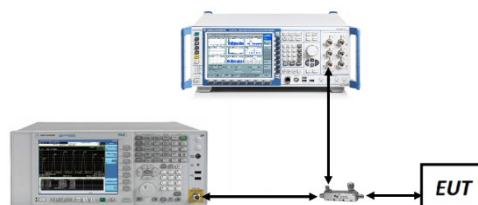
KDB 971168 D01 v03r01 – Section 6.0

### 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  $\geq 3 \times$  RBW
5. Detector = RMS
6. Number of sweep points  $\geq 2 \times$  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**

|                                                |                                               |                           |                                        |
|------------------------------------------------|-----------------------------------------------|---------------------------|----------------------------------------|
| <b>FCC ID:</b> BCG-A2156                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                           | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C1905130009-03.BCG | <b>Test Dates:</b><br>05/02/2019 - 08/15/2019 | <b>EUT Type:</b><br>Watch | Page 73 of 203                         |

## 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.

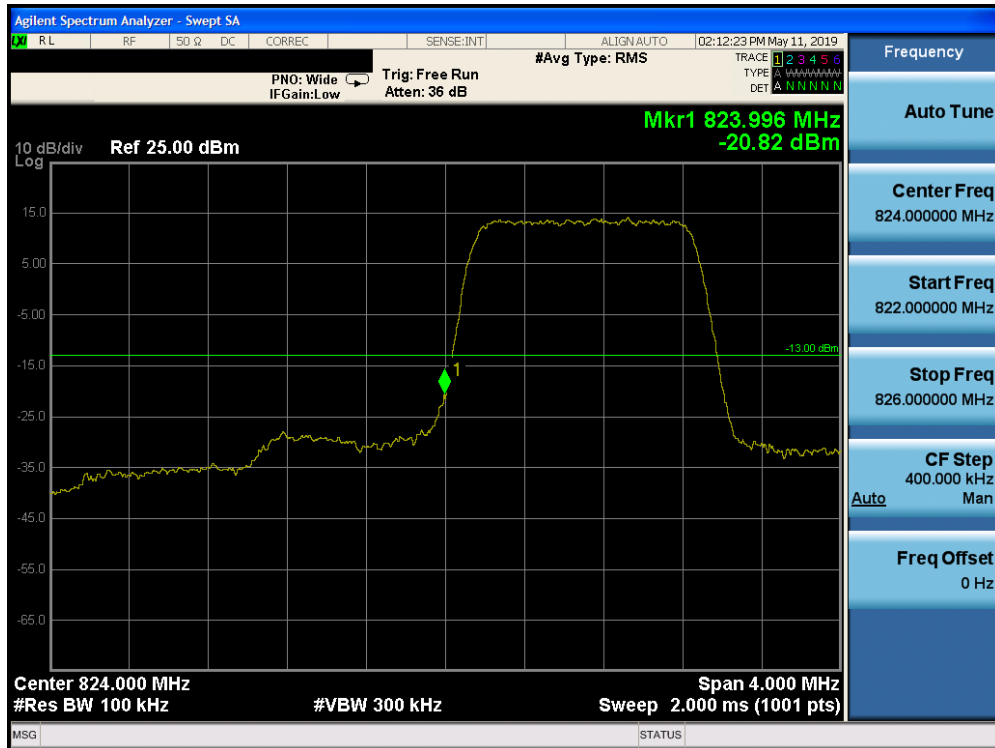
Per 27.53(c)(5) for operations in the 776-788 MHz band, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.

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.

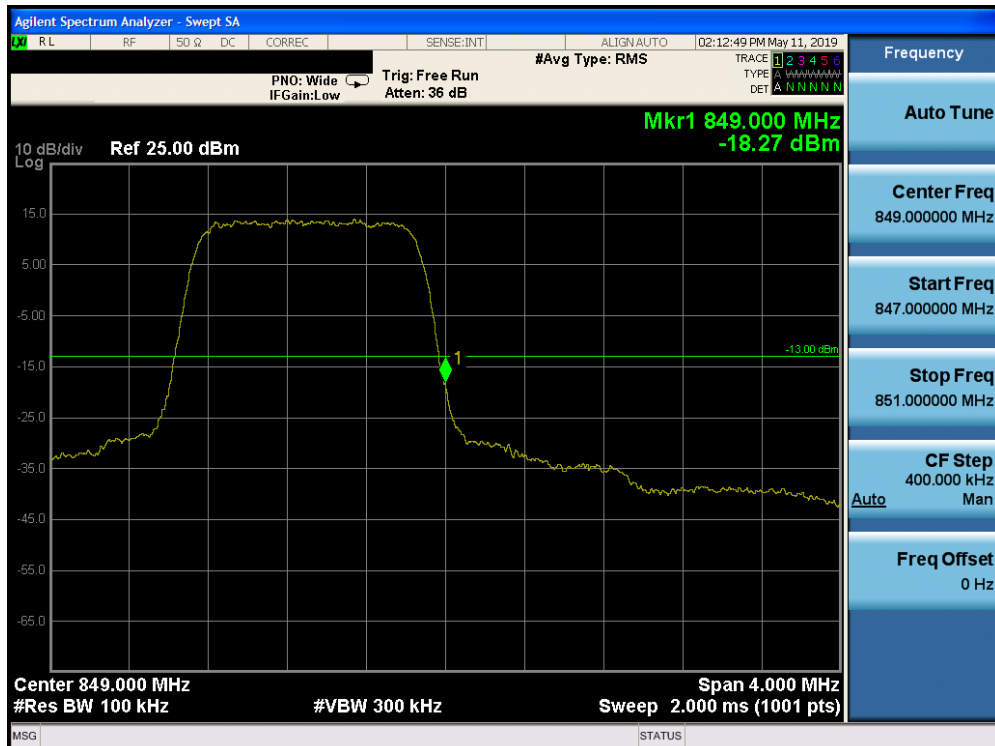
Per 27.53(m) for operations in the BRS/EBS bands, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge,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

|                                                |                                                                                                                                   |                           |                                        |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|
| <b>FCC ID:</b> BCG-A2156                       |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                           | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C1905130009-03.BCG | <b>Test Dates:</b><br>05/02/2019 - 08/15/2019                                                                                     | <b>EUT Type:</b><br>Watch | Page 74 of 203                         |

## Band 26

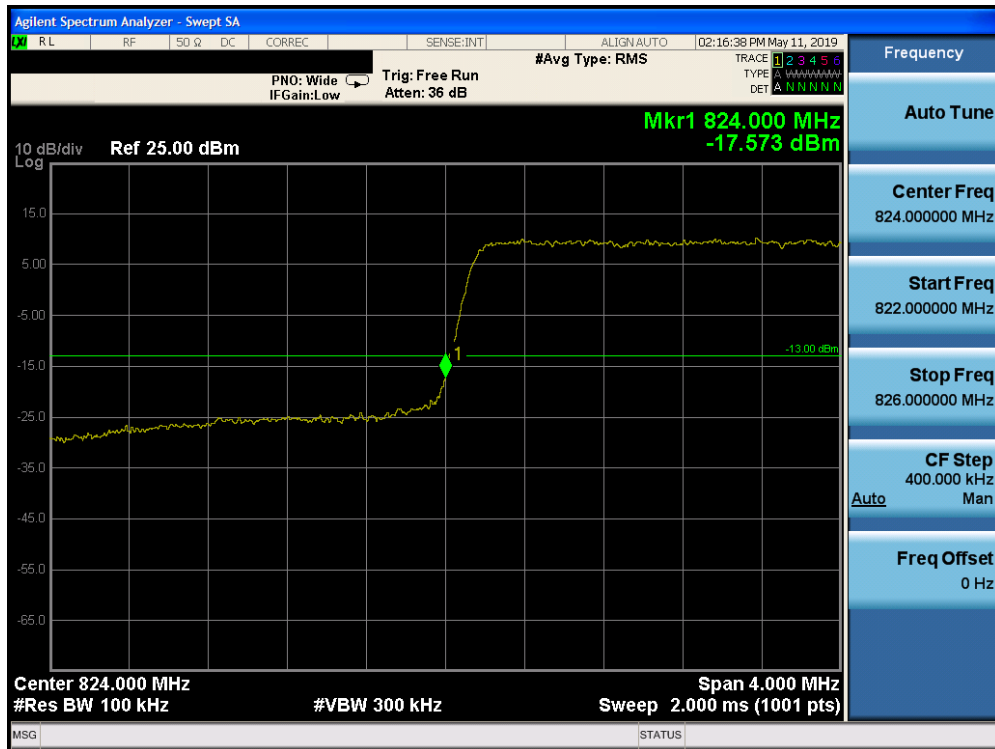


Plot 7-94. Lower Band Edge Plot (Band 26 - 1.4MHz QPSK - Full RB Configuration)

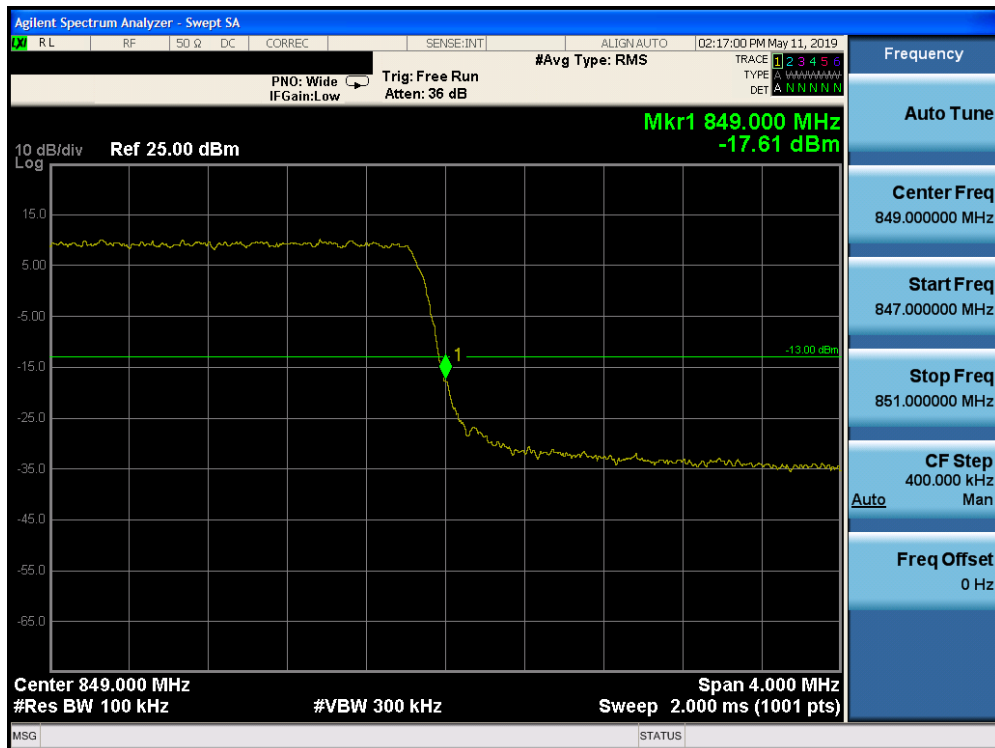


Plot 7-95. Upper Band Edge Plot (Band 26 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 75 of 203                  |

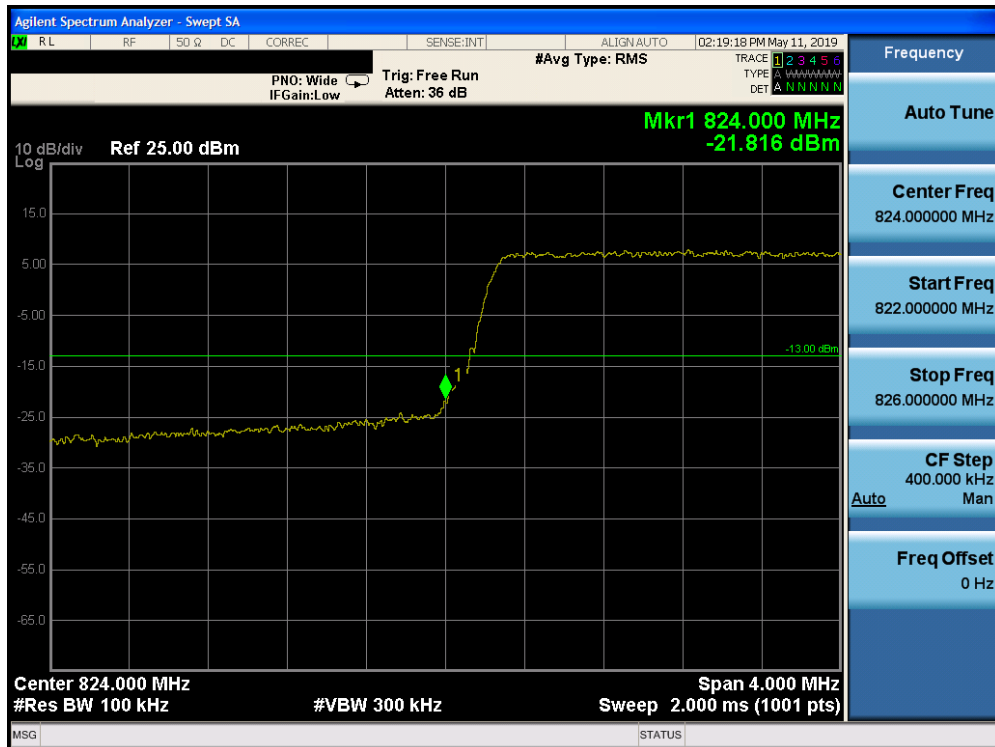


Plot 7-96. Lower Band Edge Plot (Band 26 - 3.0MHz QPSK - Full RB Configuration)

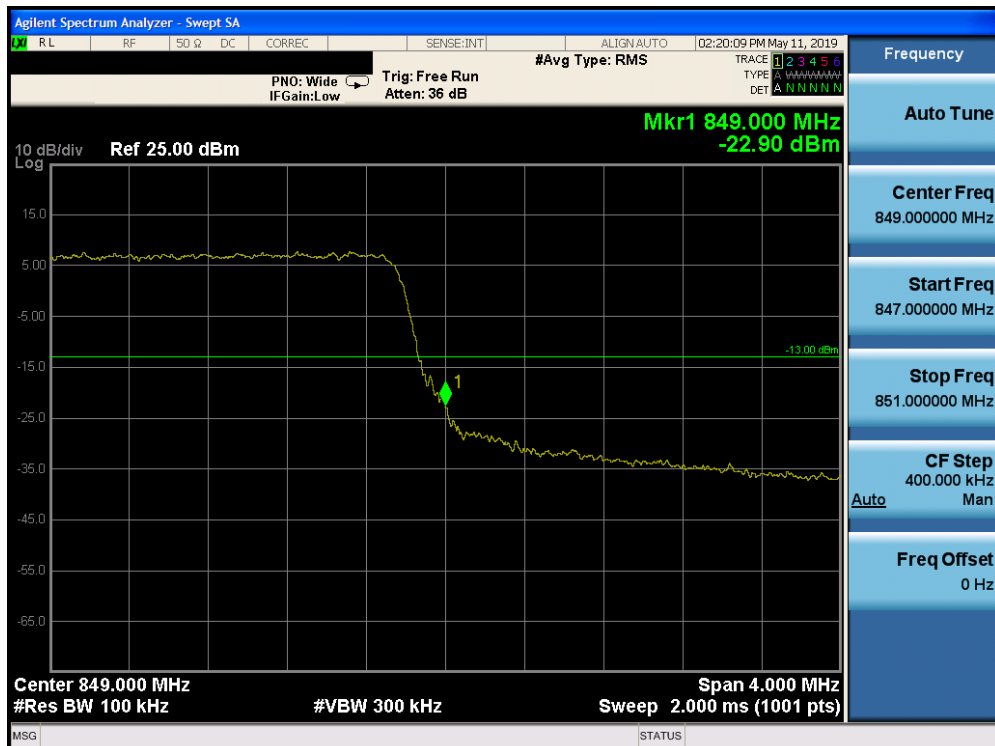


Plot 7-97. Upper Band Edge Plot (Band 26 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 76 of 203                  |

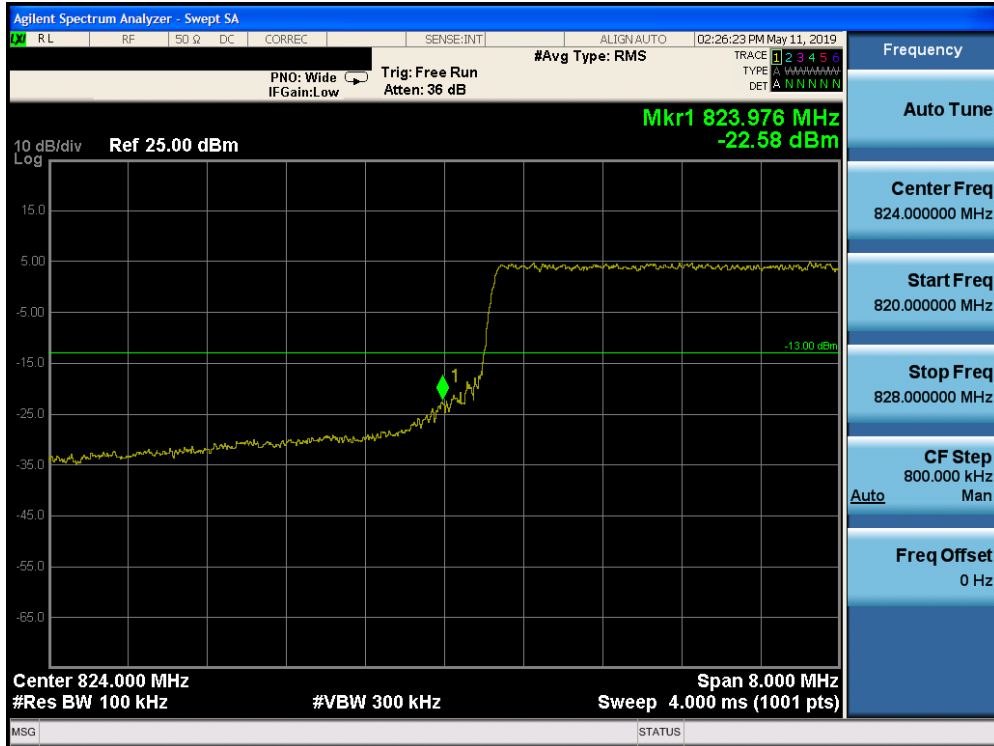


Plot 7-98. Lower Band Edge Plot (Band 26 - 5.0MHz QPSK - Full RB Configuration)

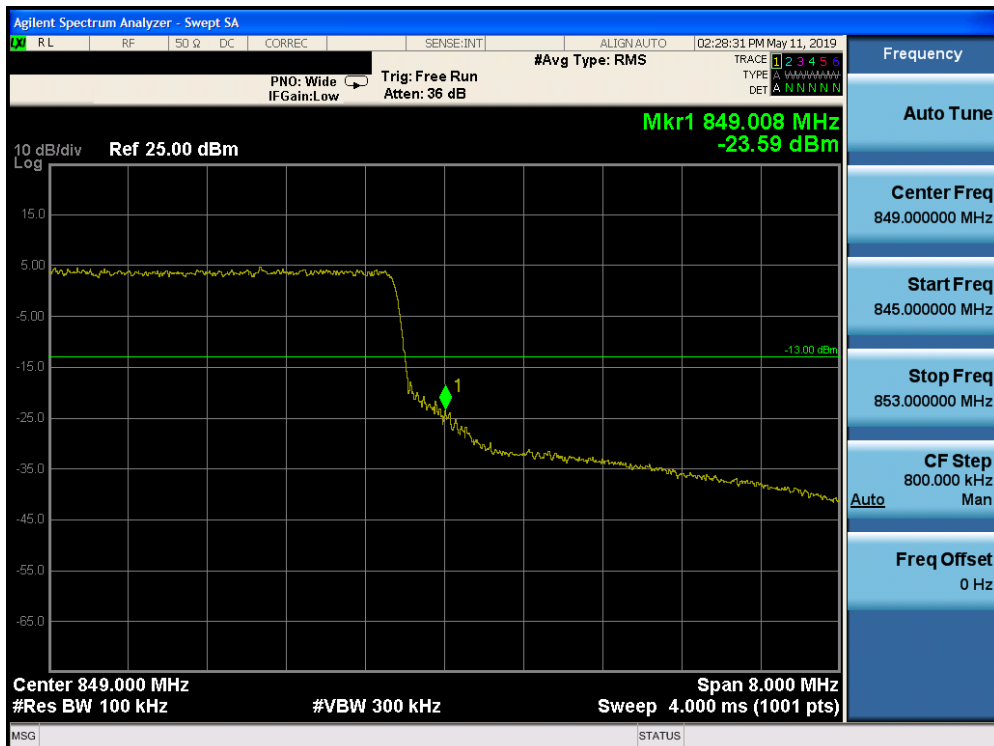


Plot 7-99. Upper Band Edge Plot (Band 26 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 77 of 203                  |



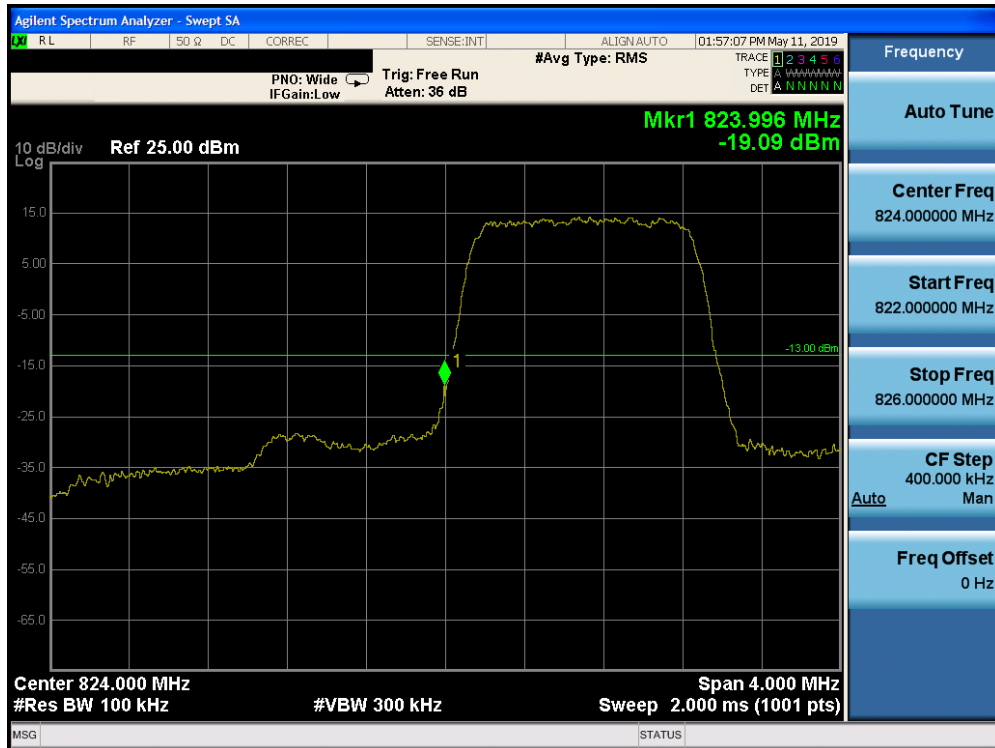
**Plot 7-100. Lower Band Edge Plot (Band 26 - 10.0MHz QPSK - Full RB Configuration)**



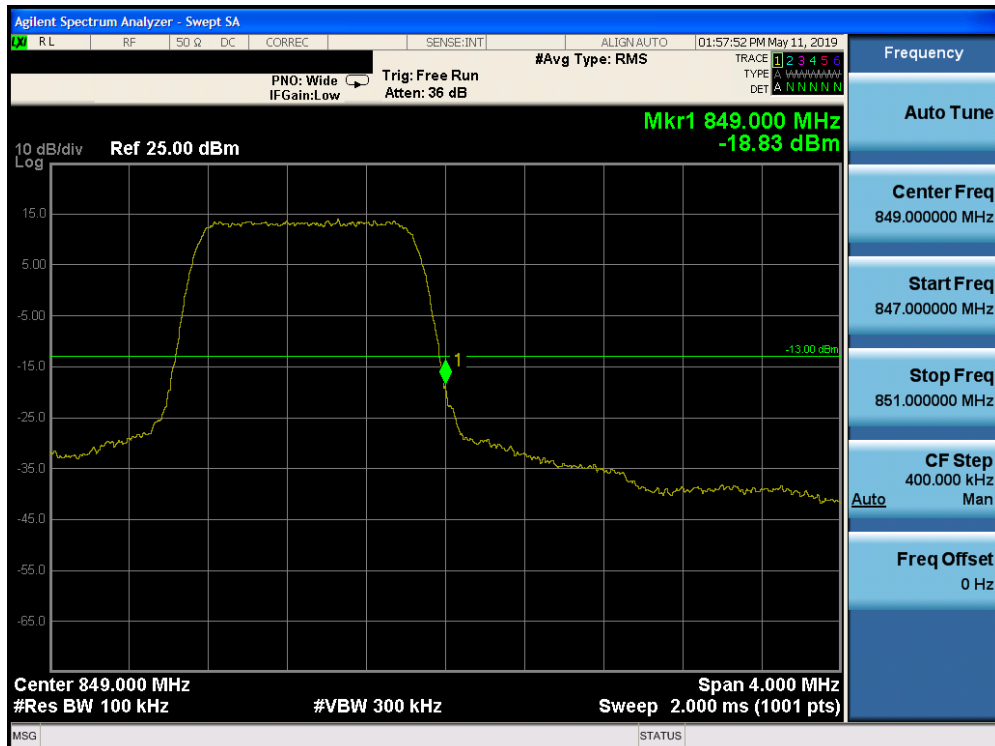
**Plot 7-101. Upper Band Edge Plot (Band 26 - 10.0MHz QPSK - Full RB Configuration)**

|                                                |                                                                                                                                   |                           |                                        |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|
| FCC ID: BCG-A2156                              |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                           | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C1905130009-03.BCG | <b>Test Dates:</b><br>05/02/2019 - 08/15/2019                                                                                     | <b>EUT Type:</b><br>Watch | Page 78 of 203                         |

## Band 5

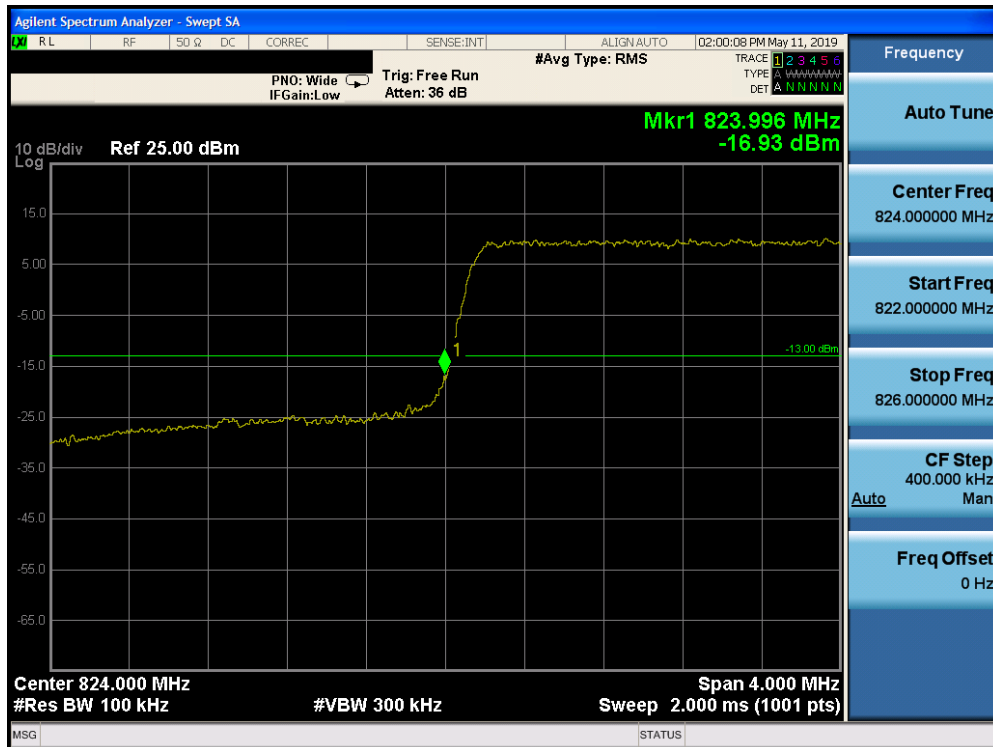


Plot 7-102. Lower Band Edge Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)

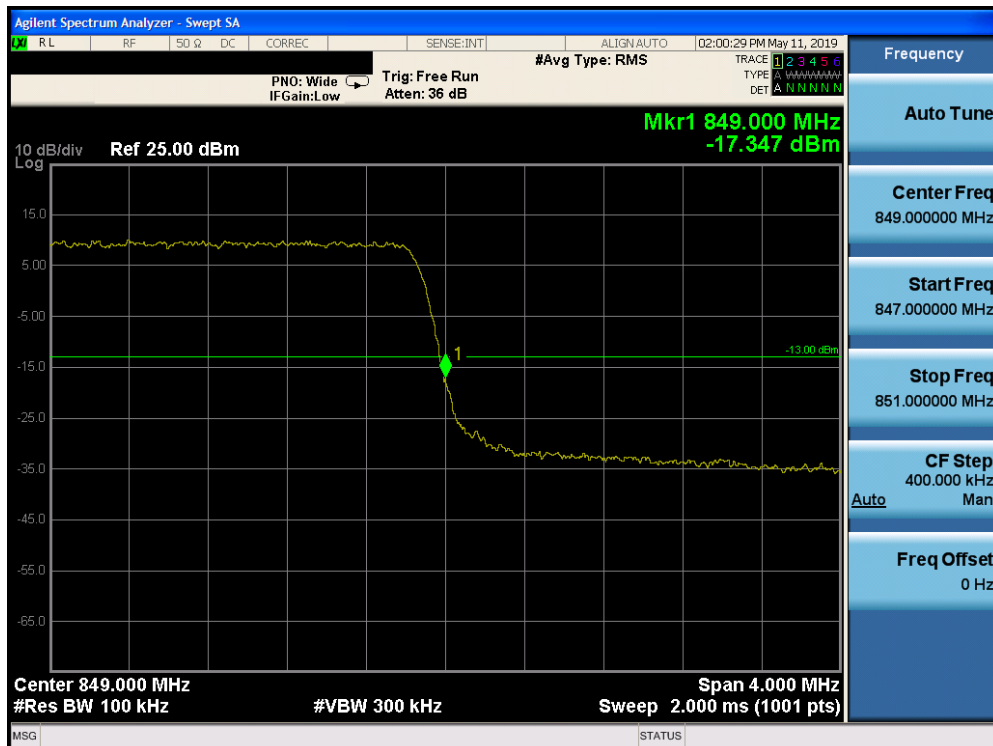


Plot 7-103. Upper Band Edge Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 79 of 203                  |

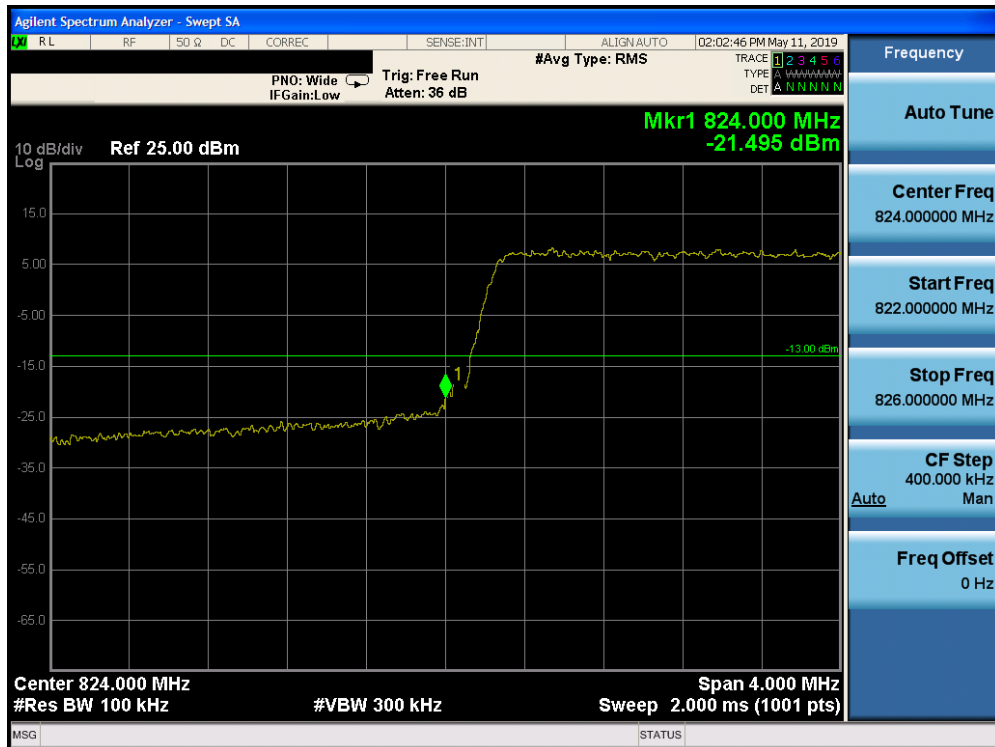


Plot 7-104. Lower Band Edge Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)

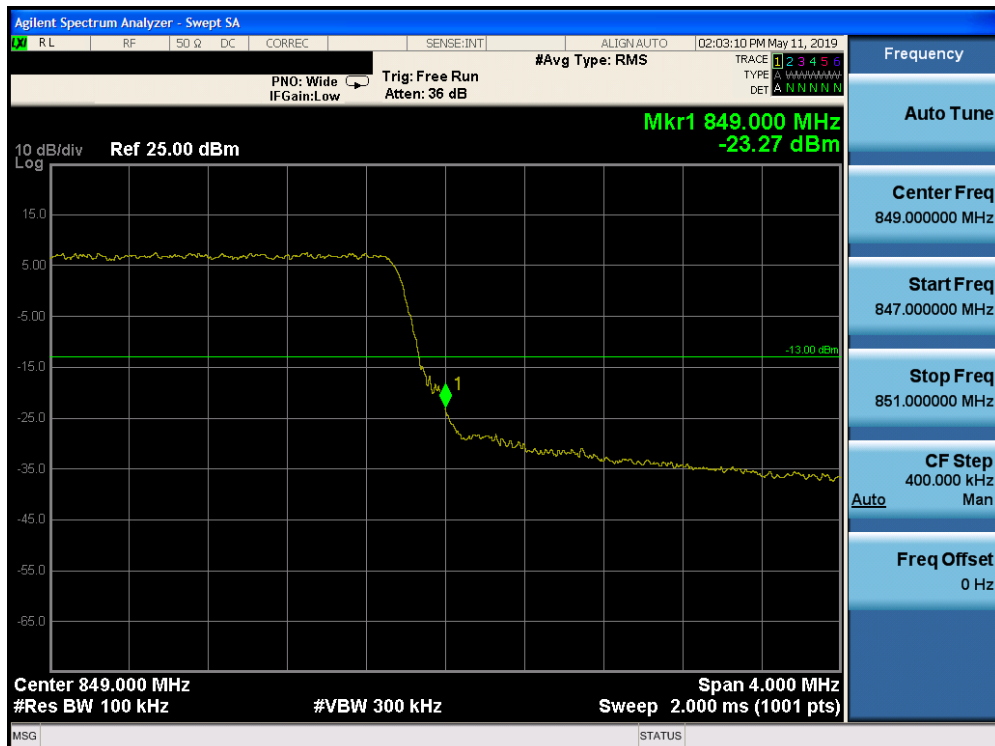


Plot 7-105. Upper Band Edge Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 80 of 203                  |



Plot 7-106. Lower Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-107. Upper Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)

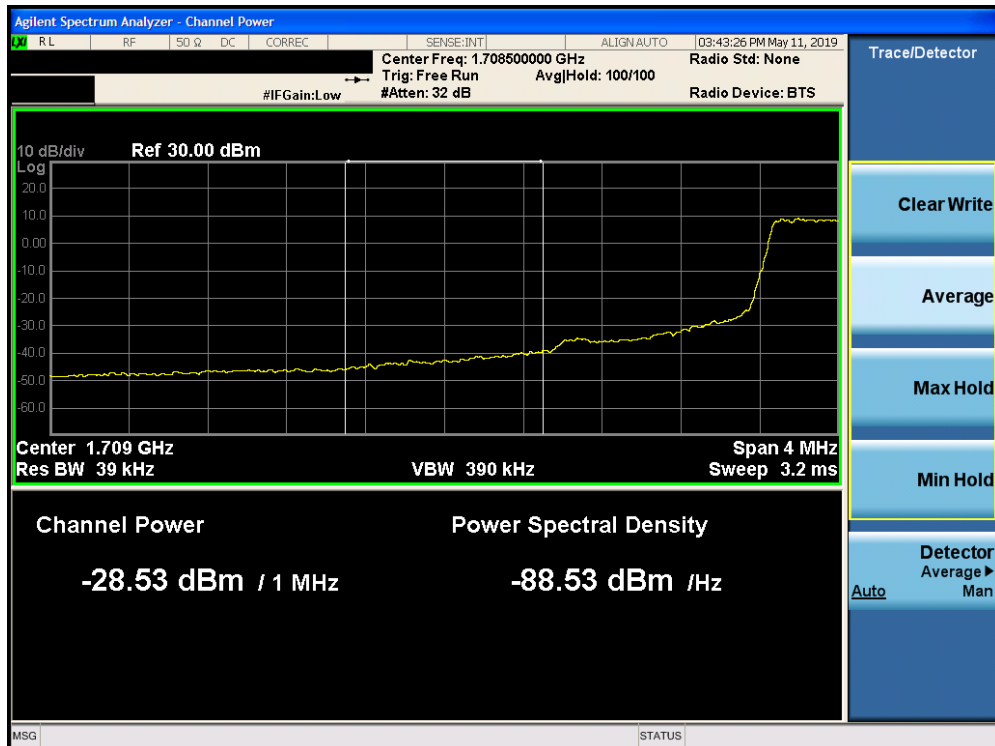
|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                            | EUT Type:<br>Watch | Page 81 of 203                  |



## Band 66

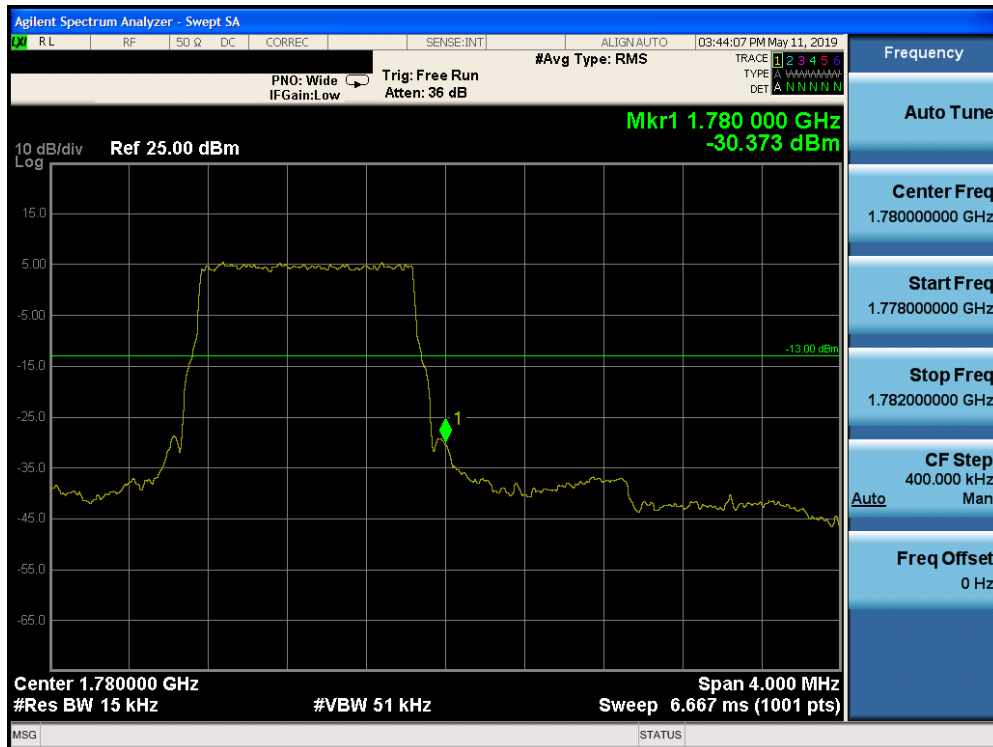


Plot 7-110. Lower Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

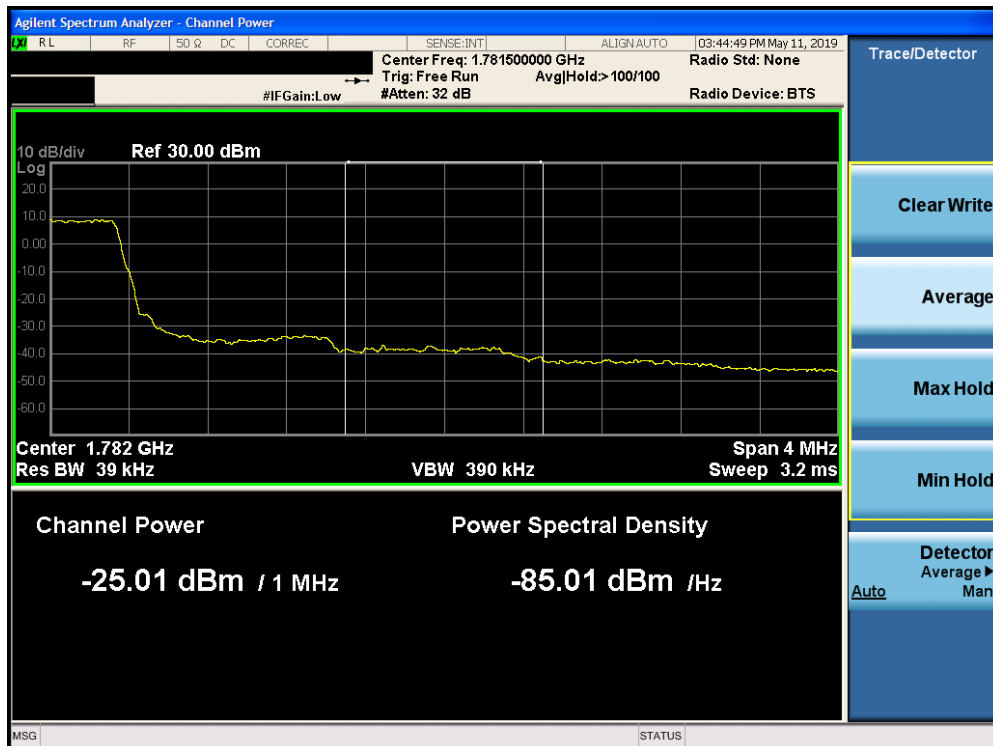


Plot 7-111. Lower Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 83 of 203                  |

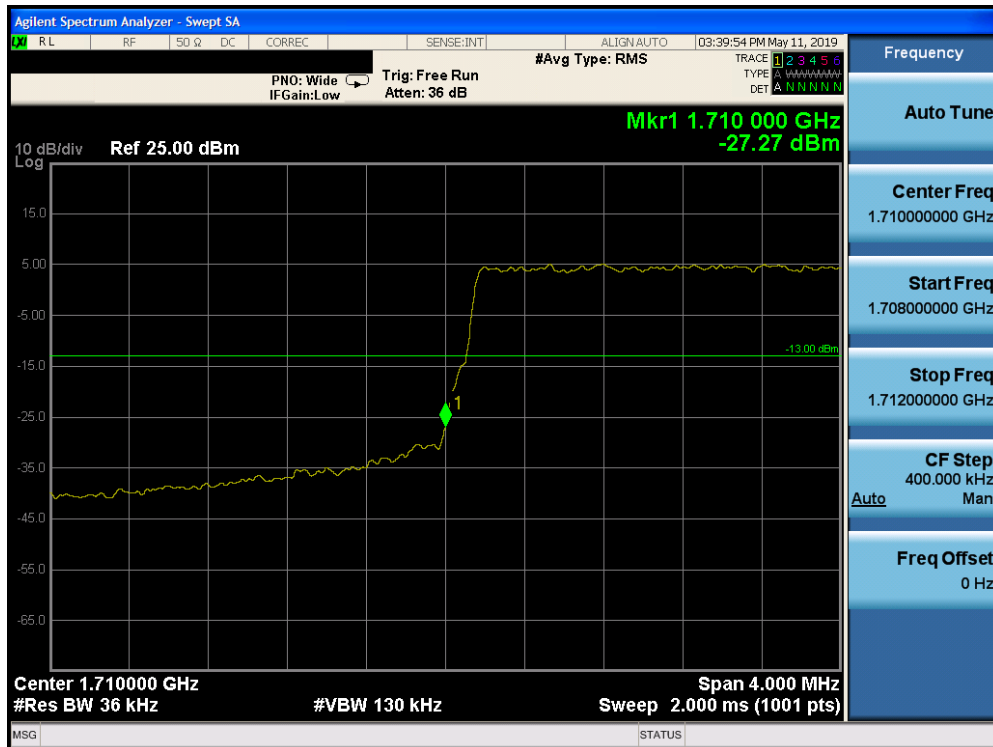


Plot 7-112. Upper Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

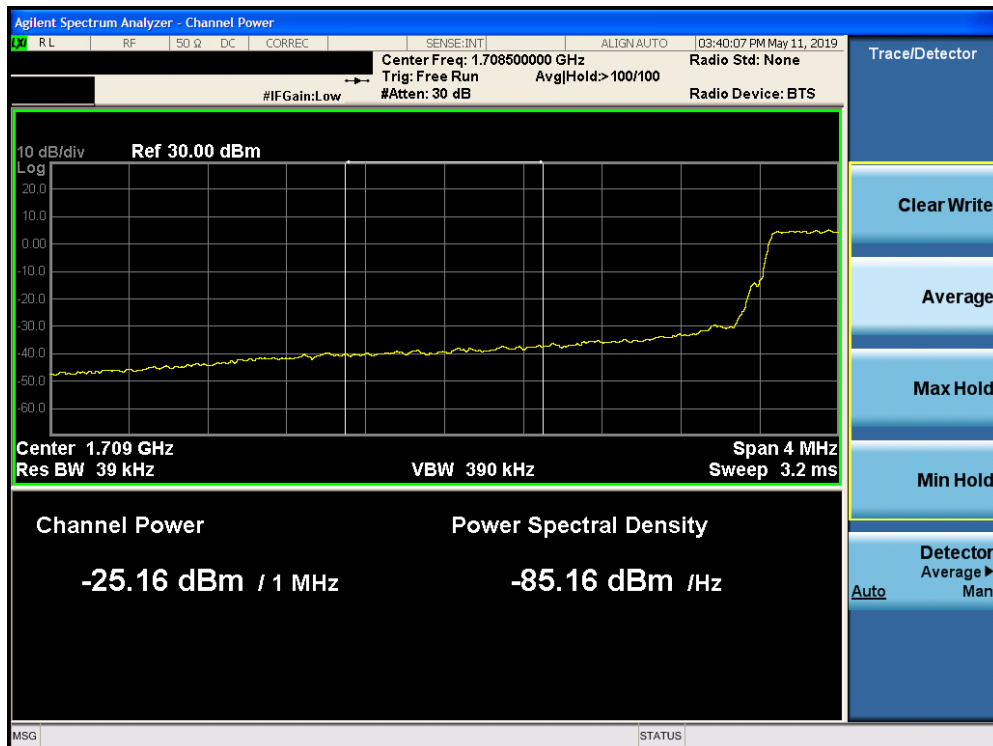


Plot 7-113. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 84 of 203                  |

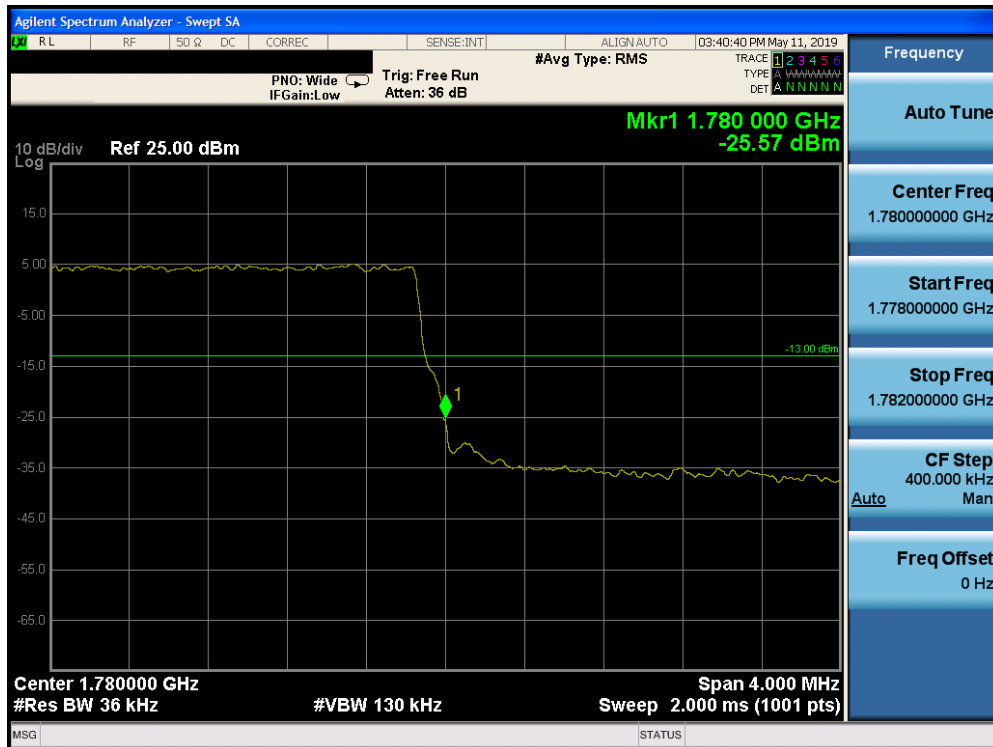


Plot 7-114. Lower Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

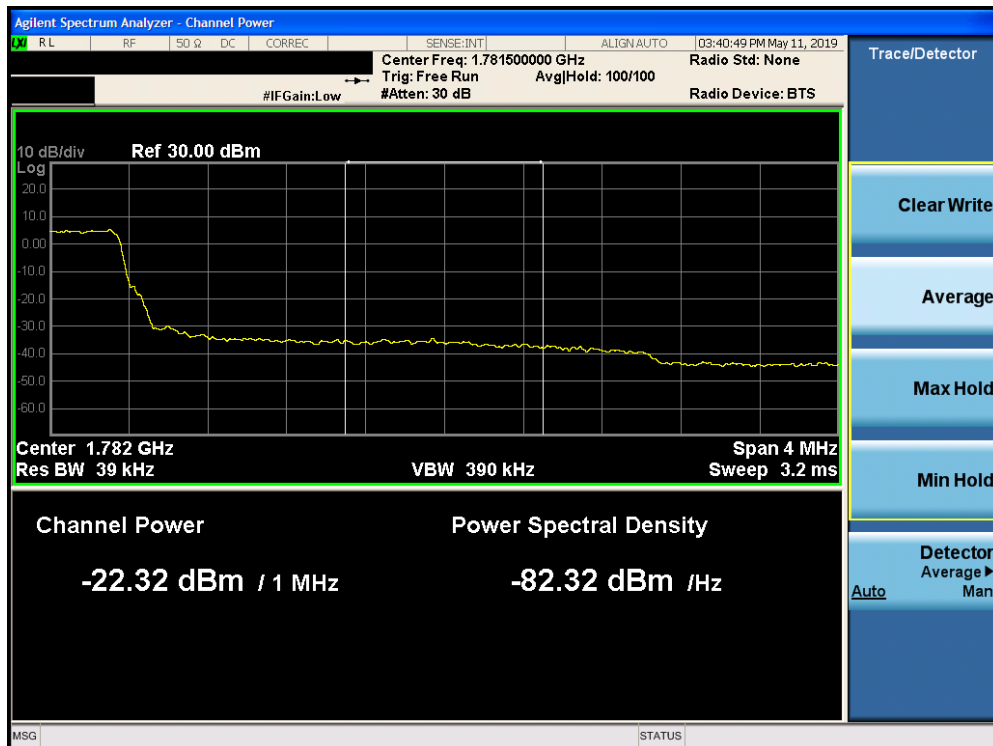


Plot 7-115. Lower Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                            | EUT Type:<br>Watch | Page 85 of 203                  |

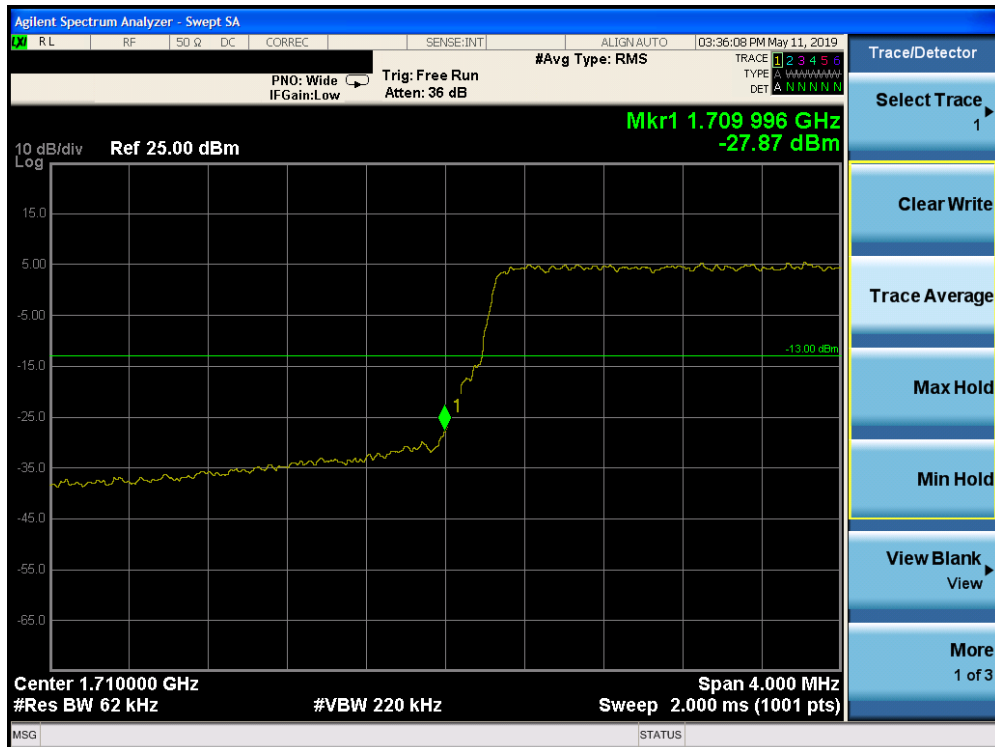


Plot 7-116. Upper Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

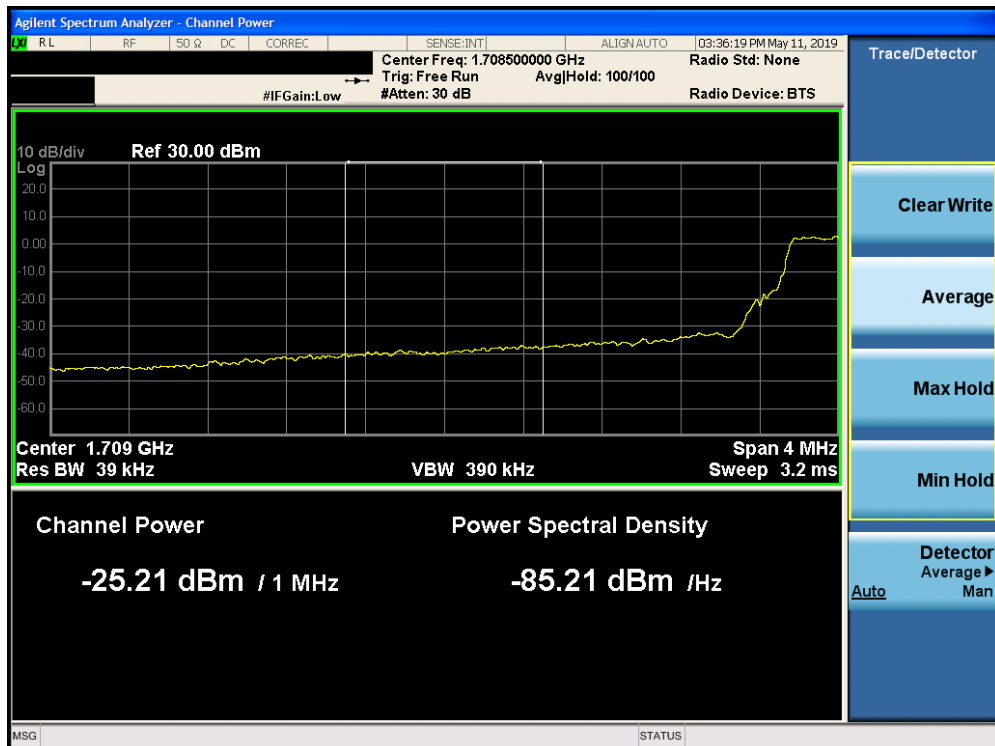


Plot 7-117. Upper Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 86 of 203                  |

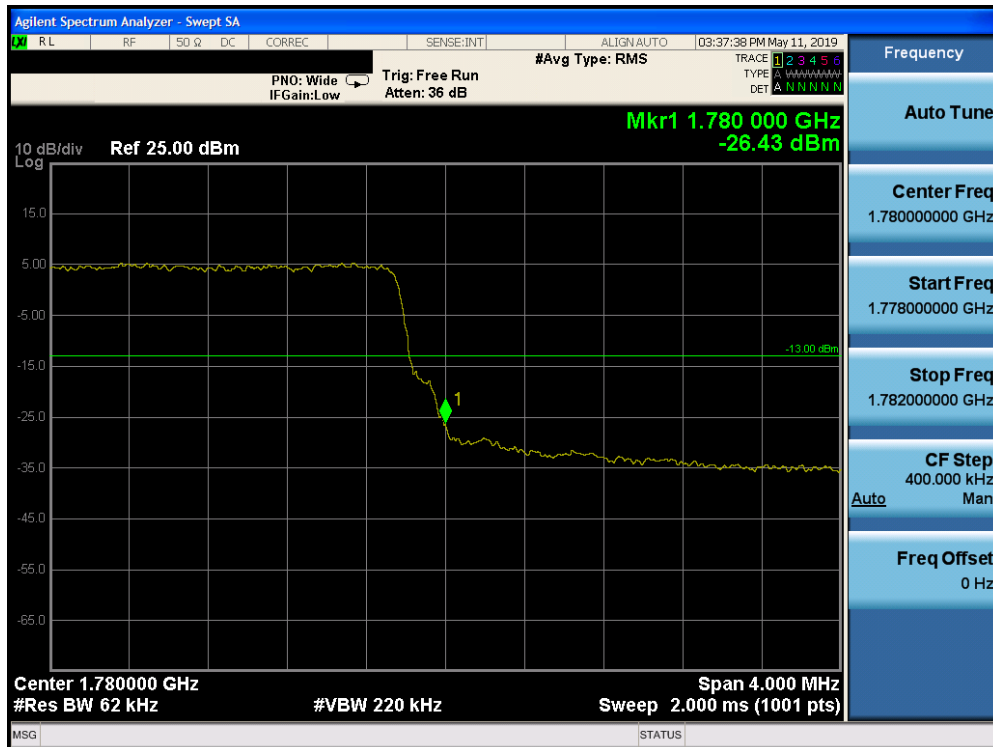


Plot 7-118. Lower Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

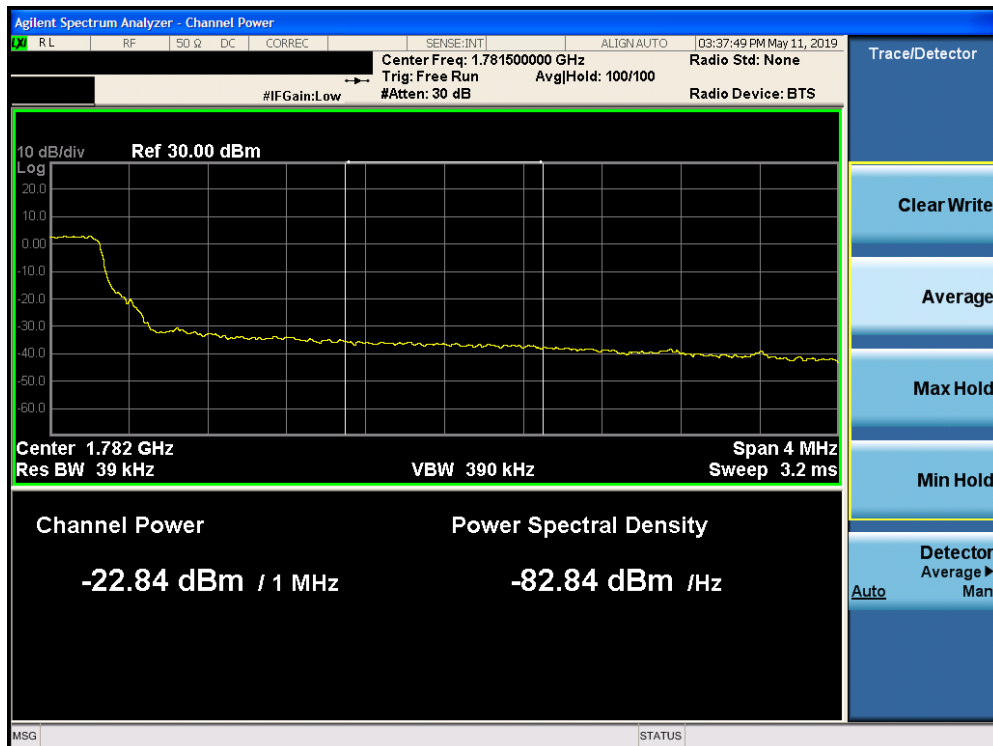


Plot 7-119. Lower Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                               |                                 |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                            | Page 87 of 203                  |

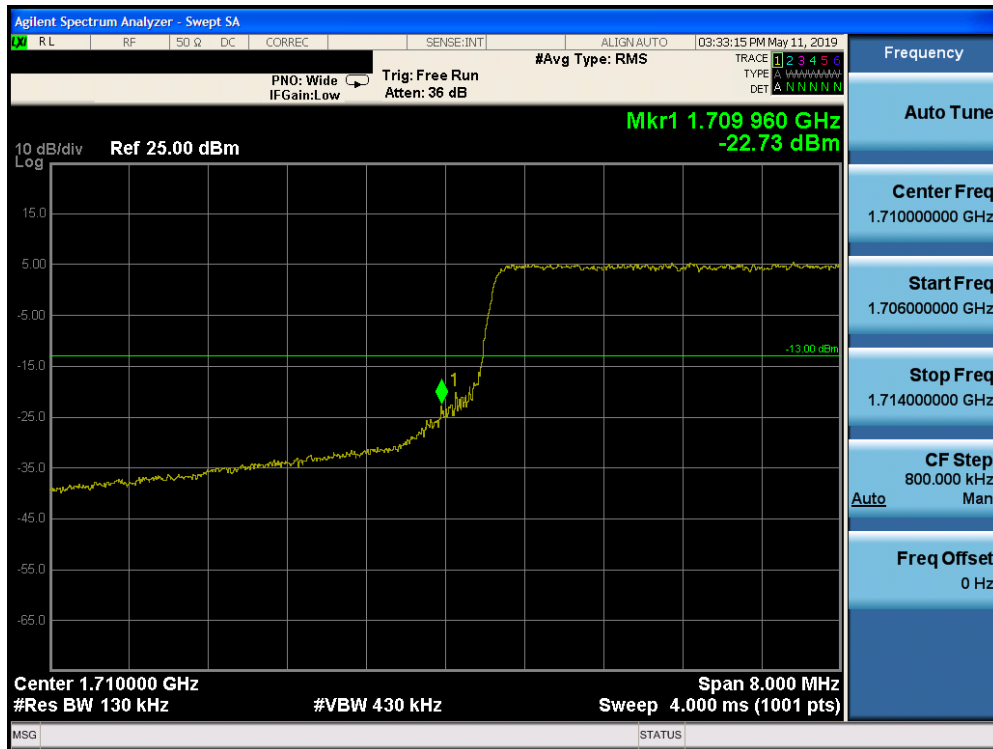


Plot 7-120. Upper Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

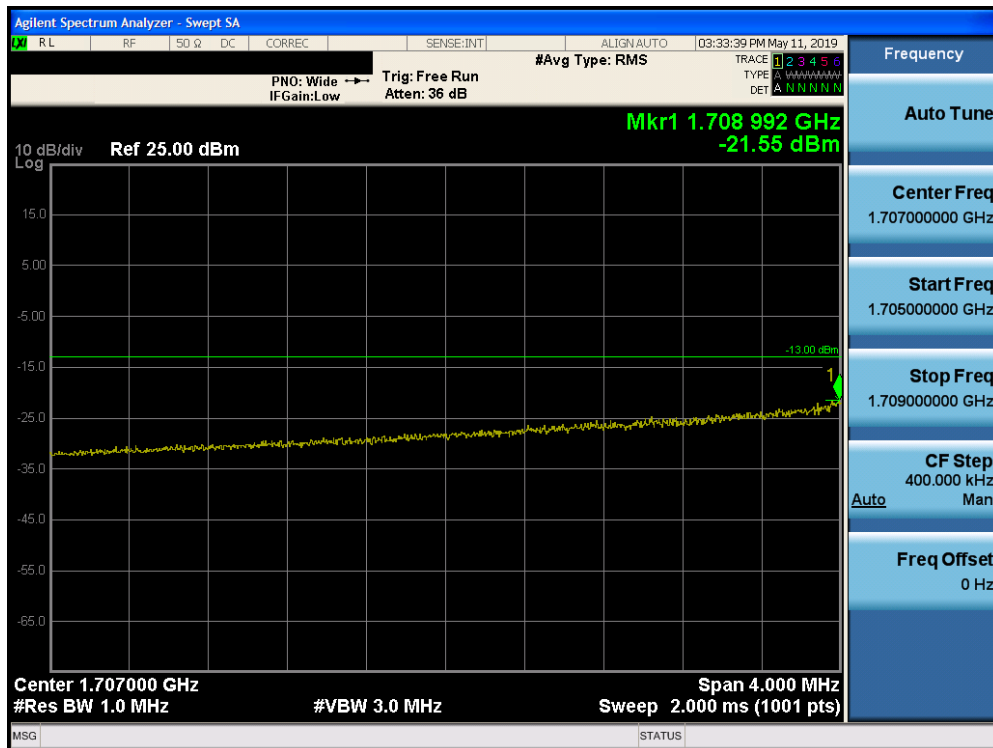


Plot 7-121. Upper Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 88 of 203                  |

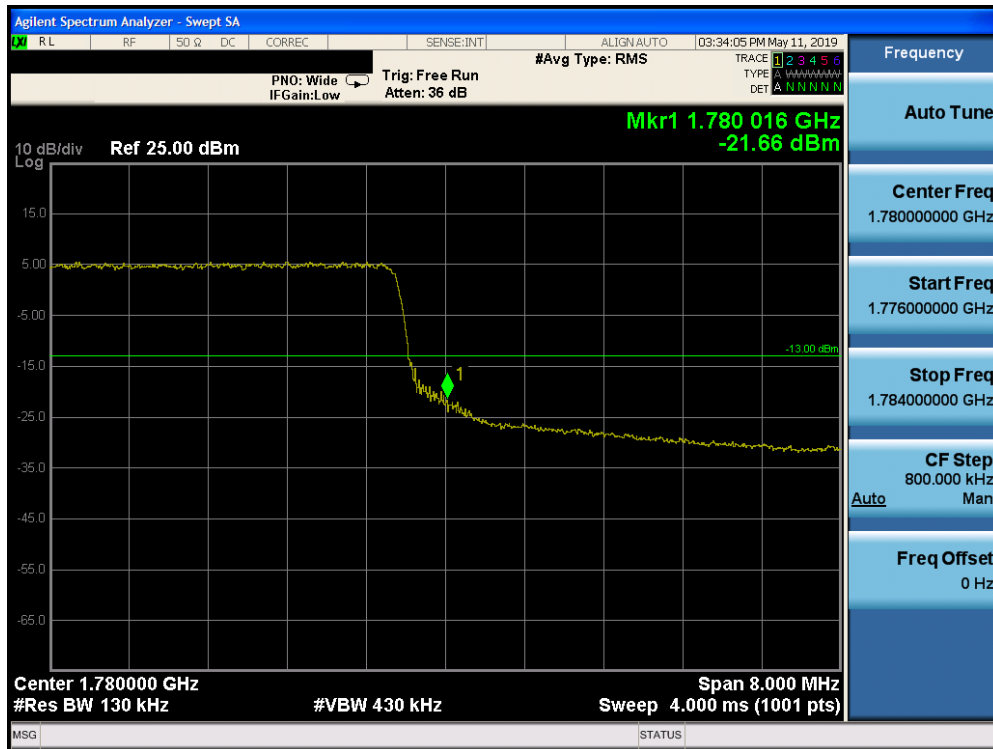


Plot 7-122. Lower Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

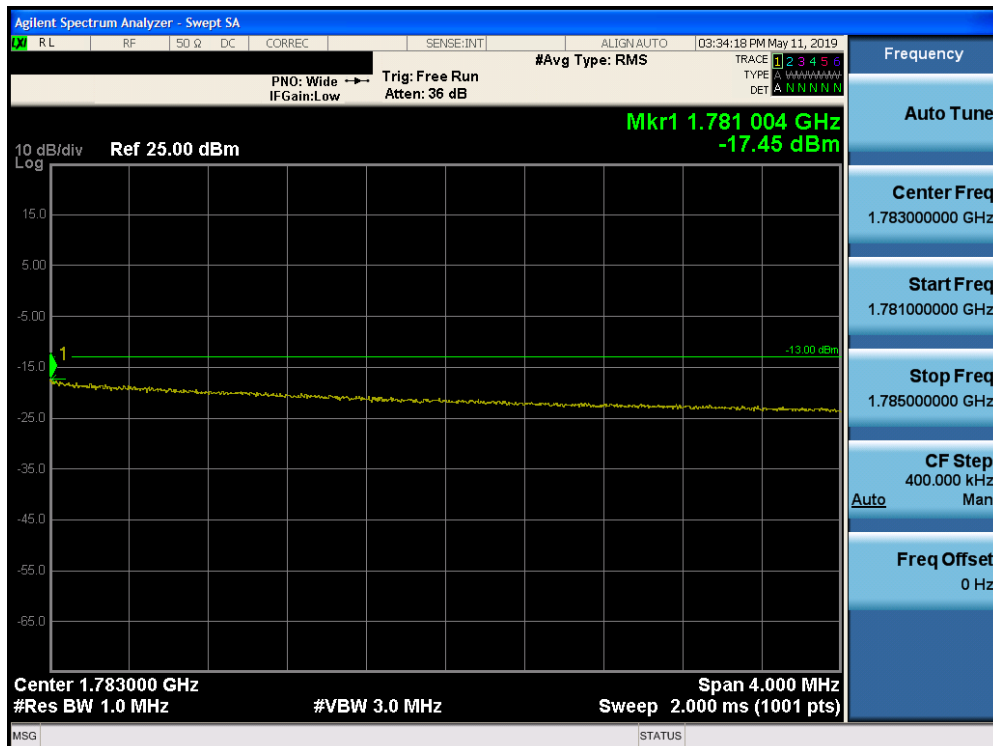


Plot 7-123. Lower Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 89 of 203                  |

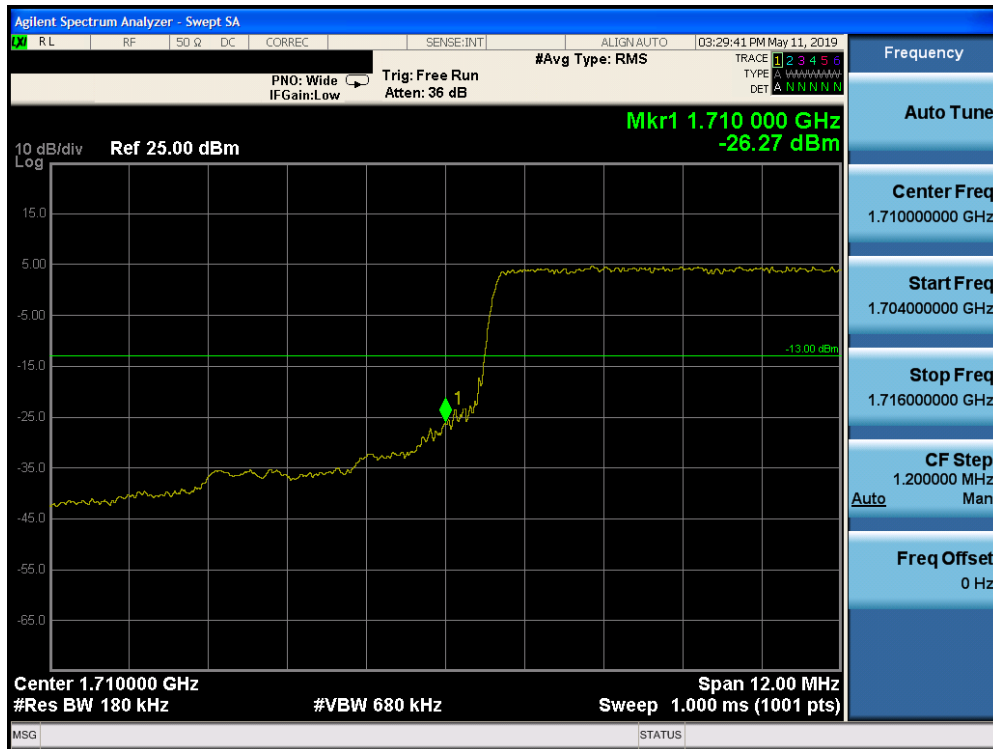


Plot 7-124. Upper Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

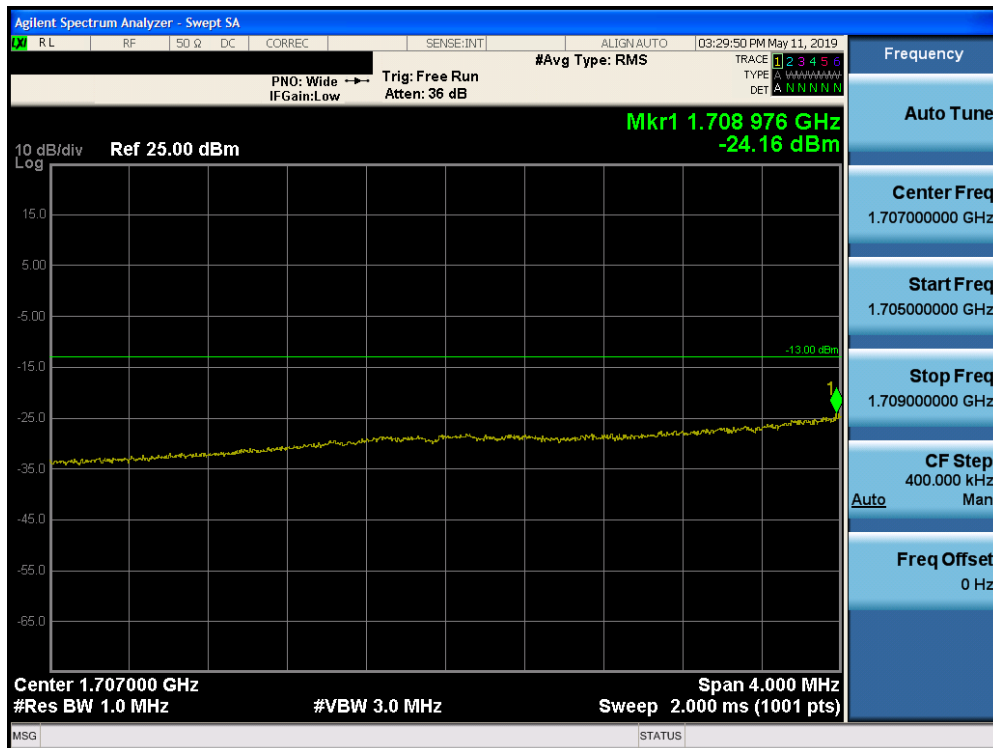


Plot 7-125. Upper Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 90 of 203                  |



Plot 7-126. Lower Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

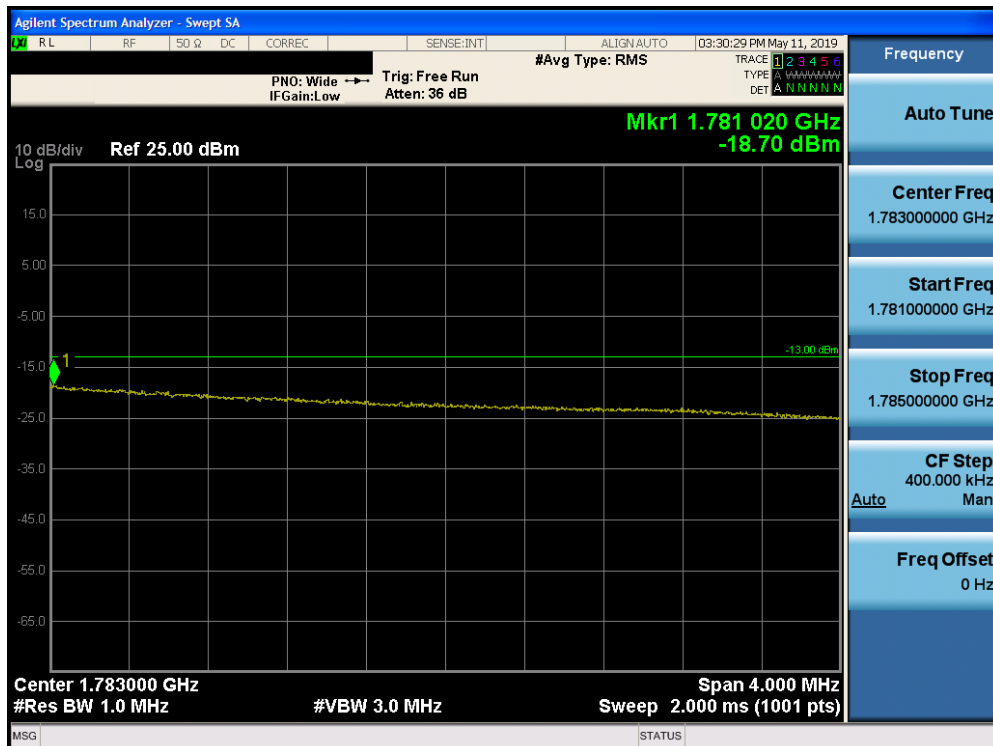


Plot 7-127. Lower Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 91 of 203                  |

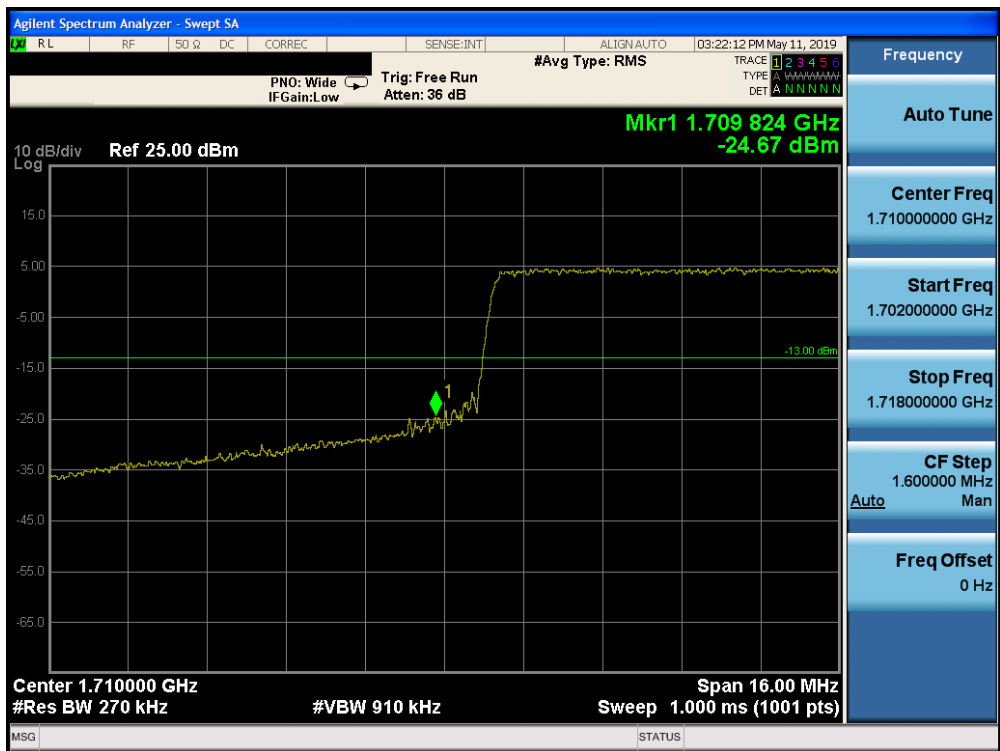


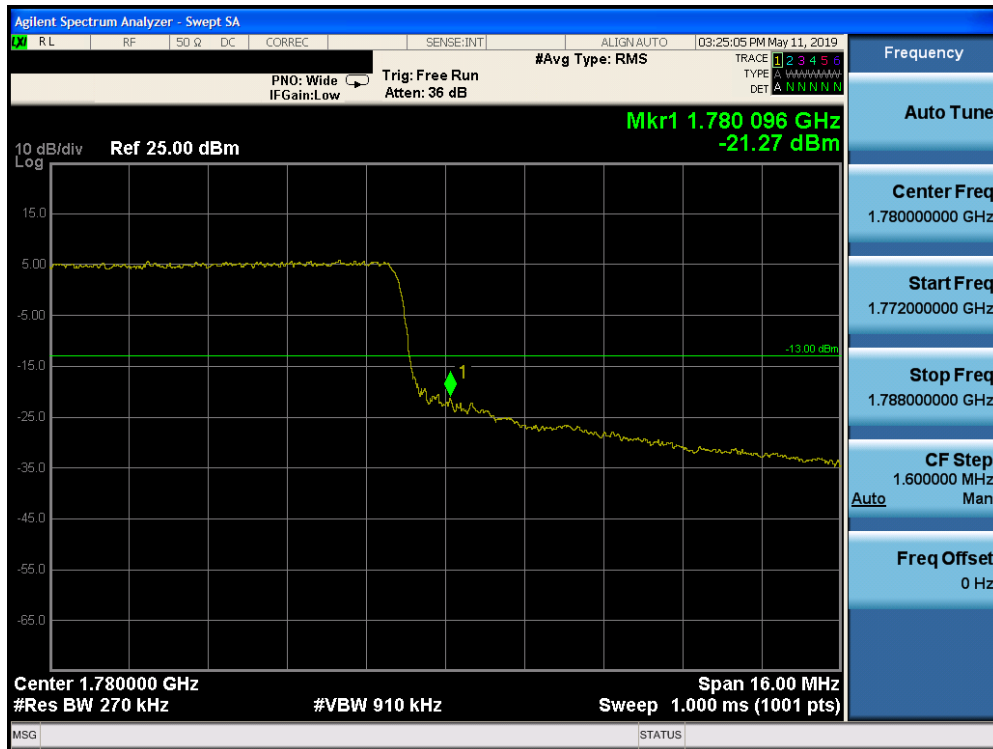
Plot 7-128. Upper Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)



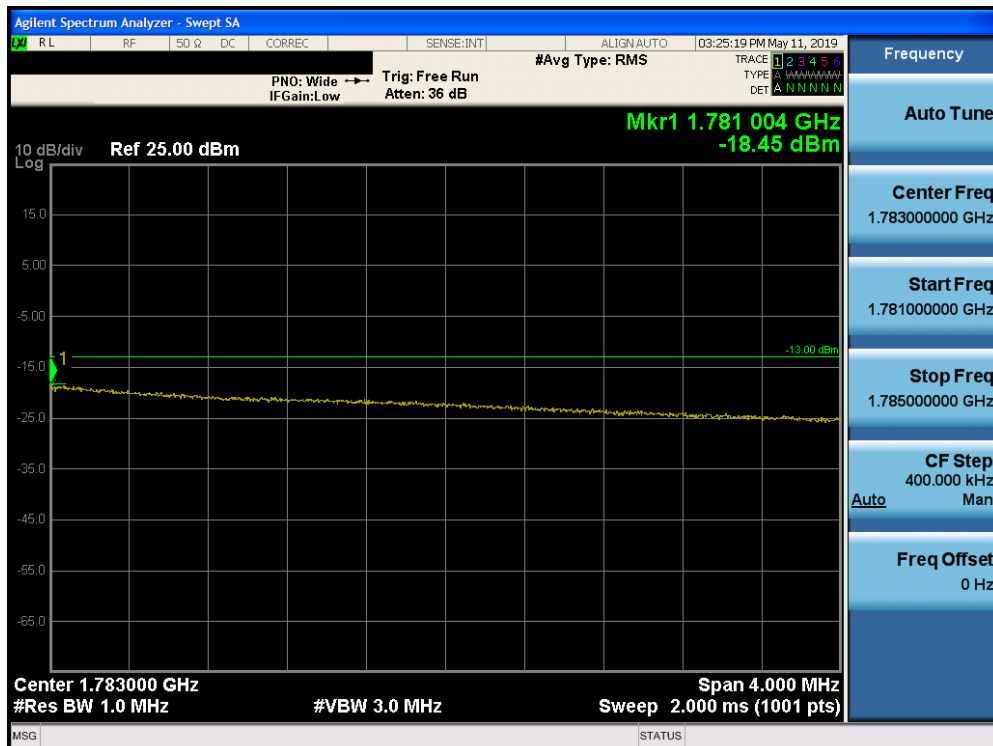
Plot 7-129. Upper Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch | Page 92 of 203                  |





Plot 7-132. Upper Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

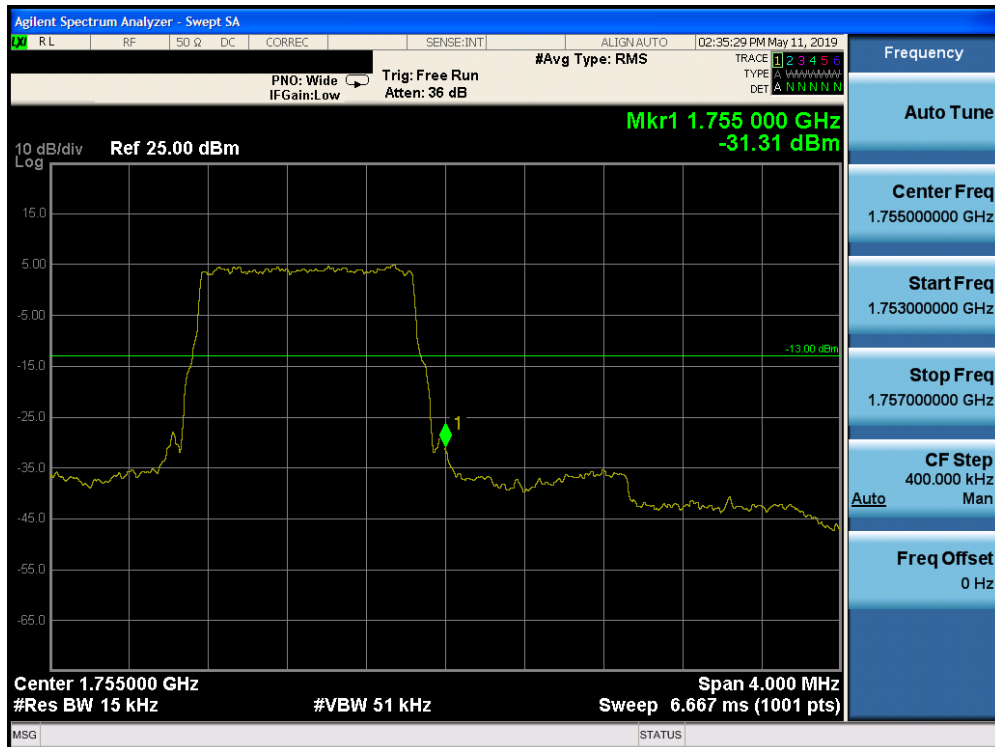


Plot 7-133. Upper Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

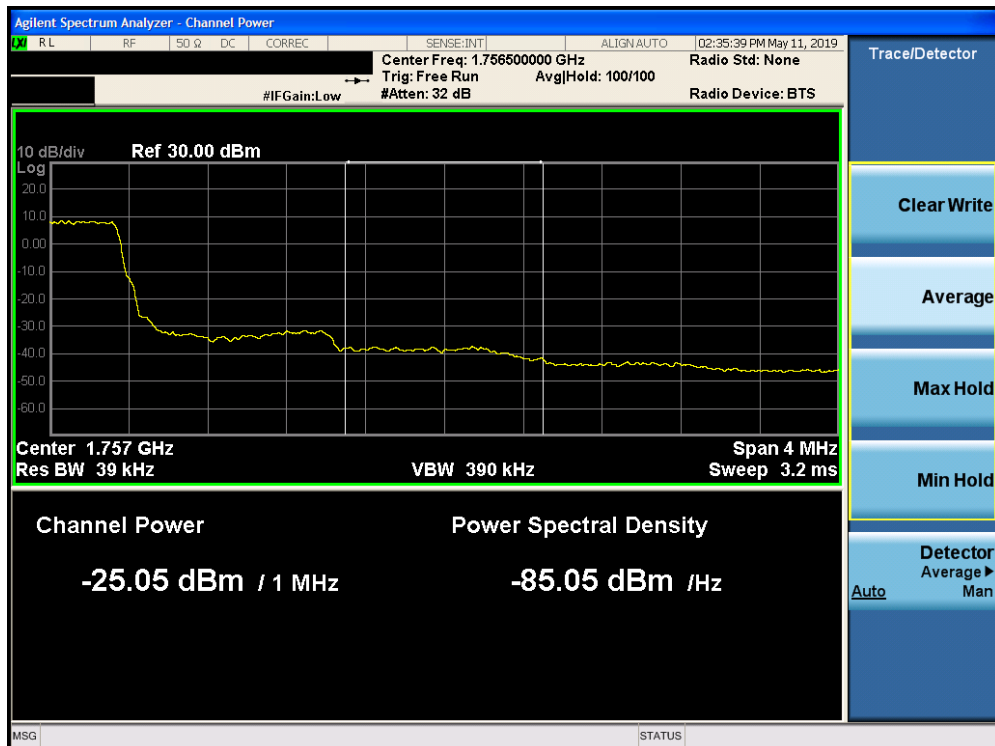
|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 94 of 203                  |



© 2019 PCTEST Engineering Laboratory, Inc. V 9.0 02/01/2019  
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST Engineering Laboratory, Inc. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [INFO@PCTEST.COM](mailto:INFO@PCTEST.COM).

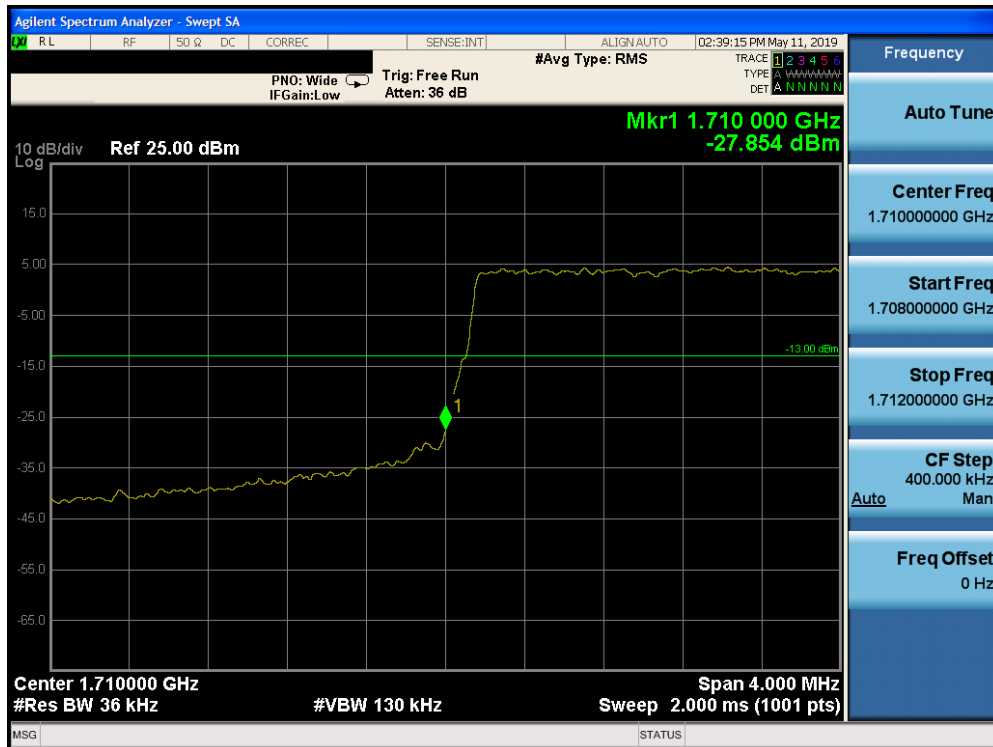


Plot 7-136. Upper Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

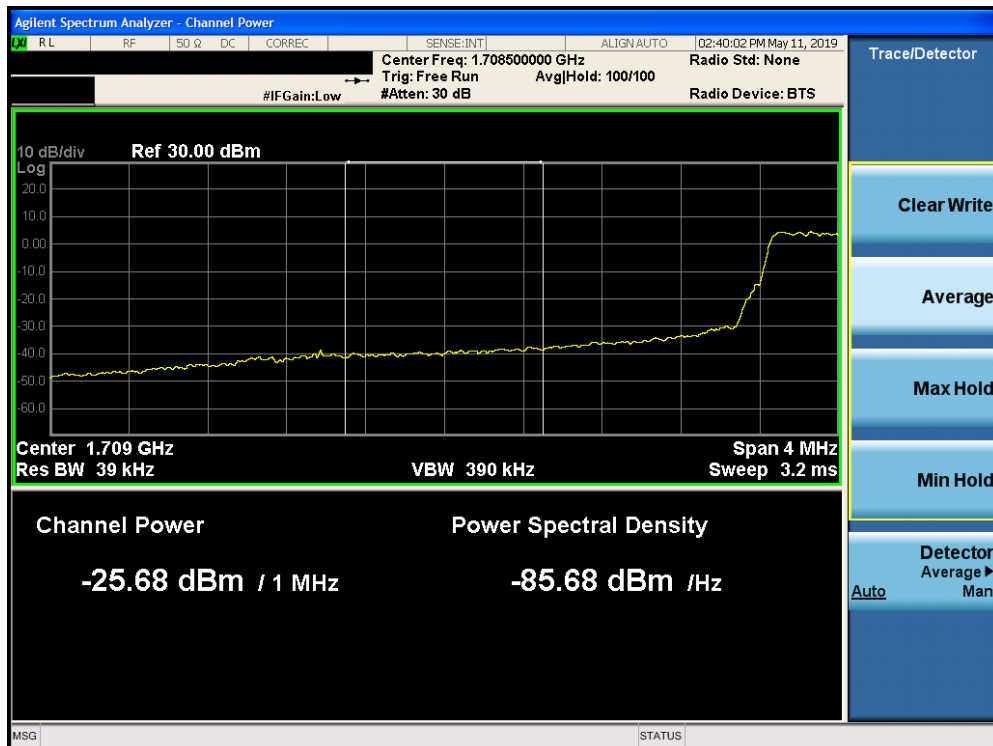


Plot 7-137. Upper Extended Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 96 of 203                  |

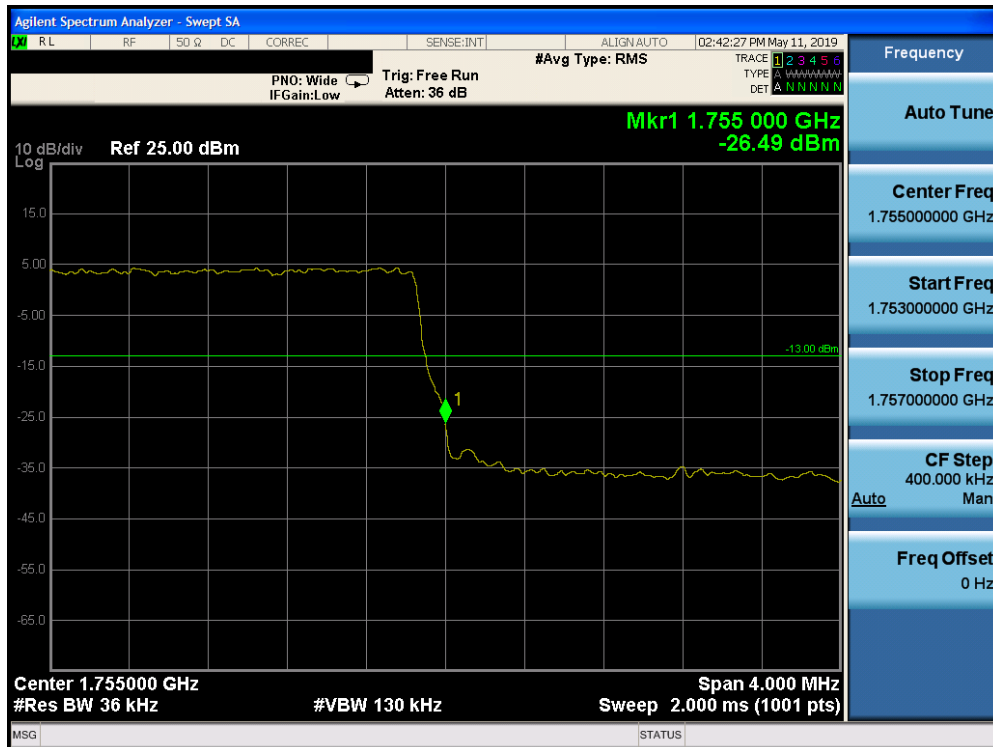


Plot 7-138. Lower Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

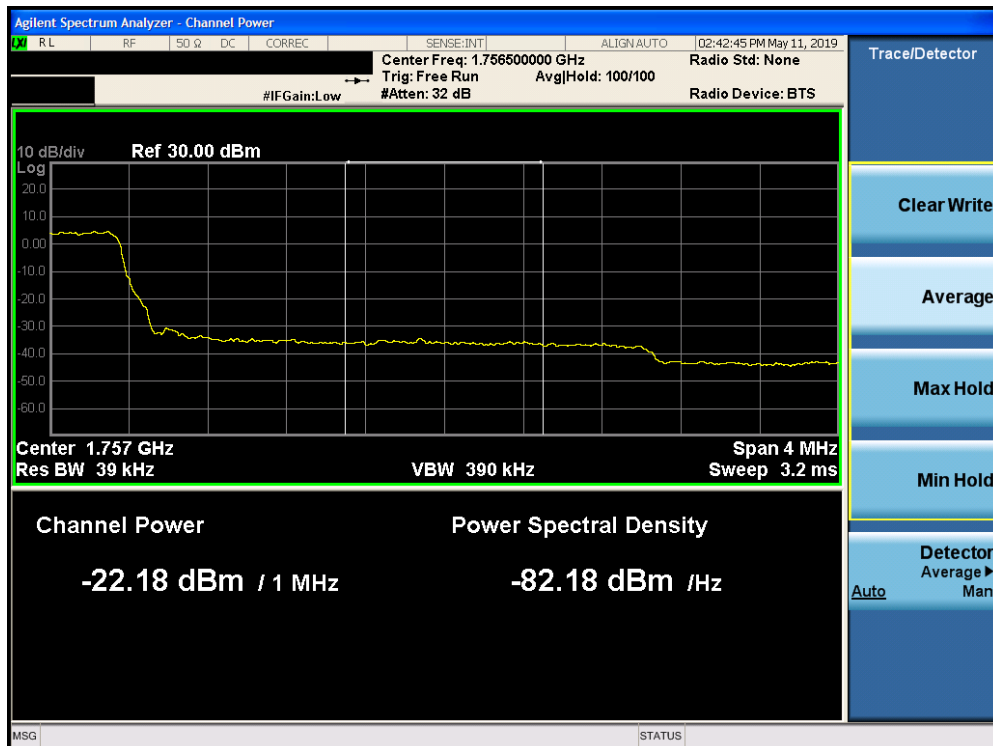


Plot 7-139. Lower Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 97 of 203                  |

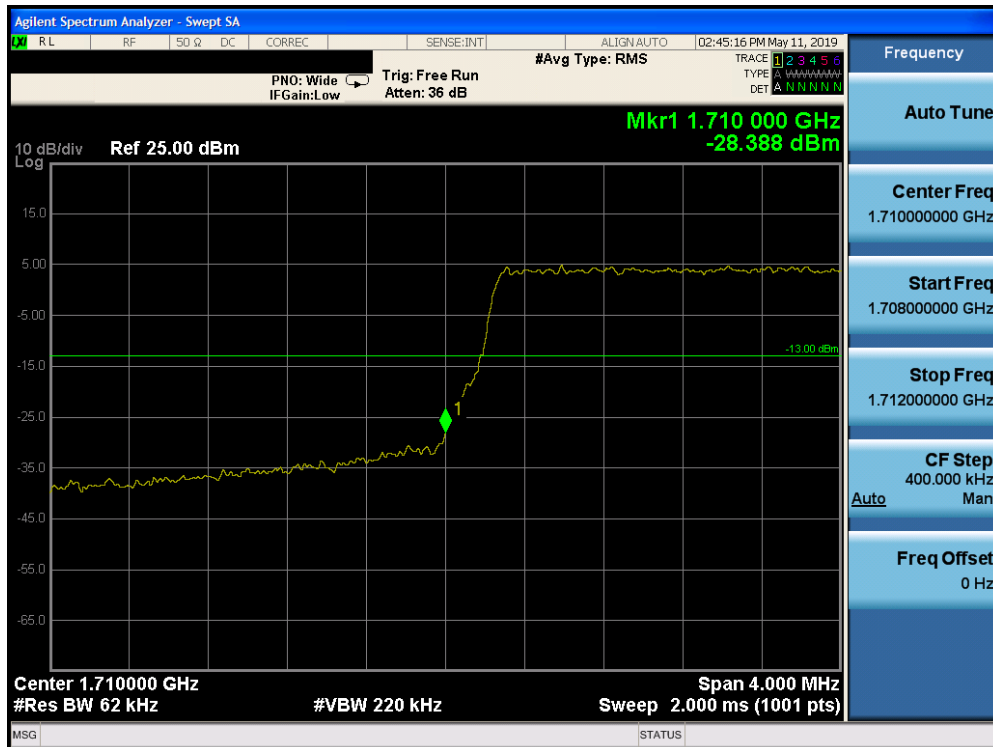


Plot 7-140. Upper Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

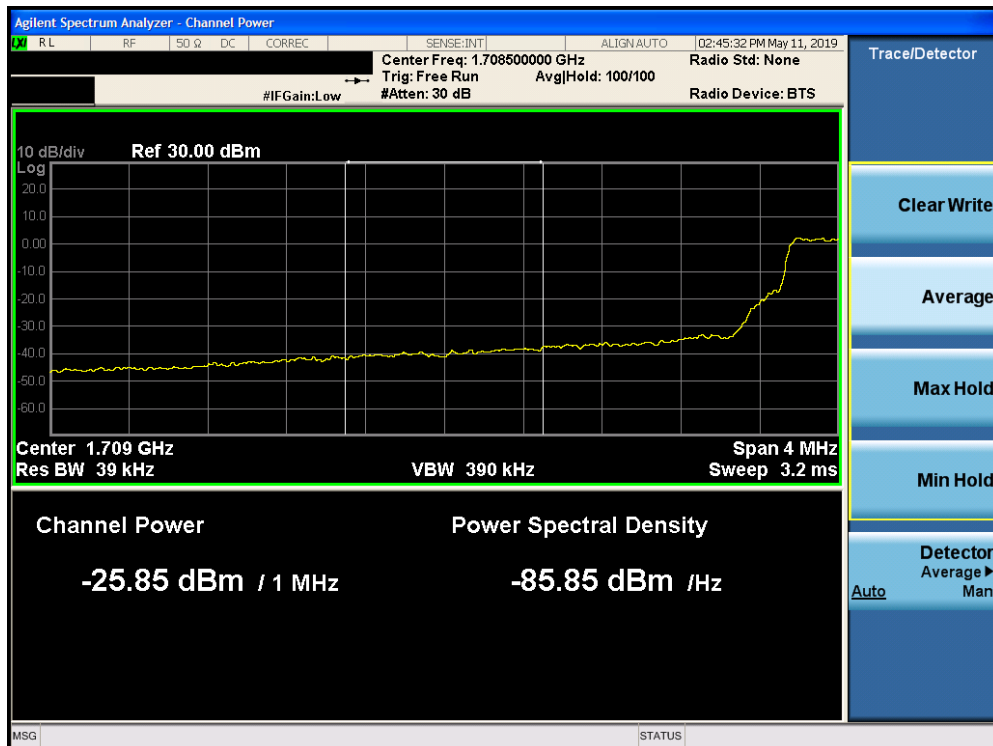


Plot 7-141. Upper Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 98 of 203                  |

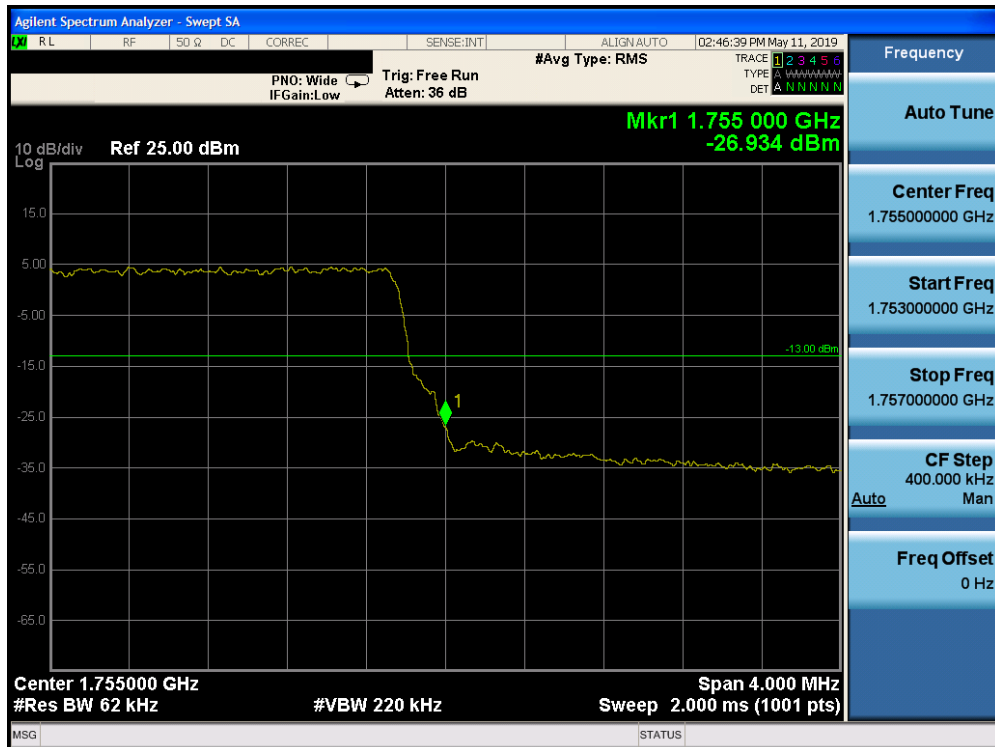


Plot 7-142. Lower Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

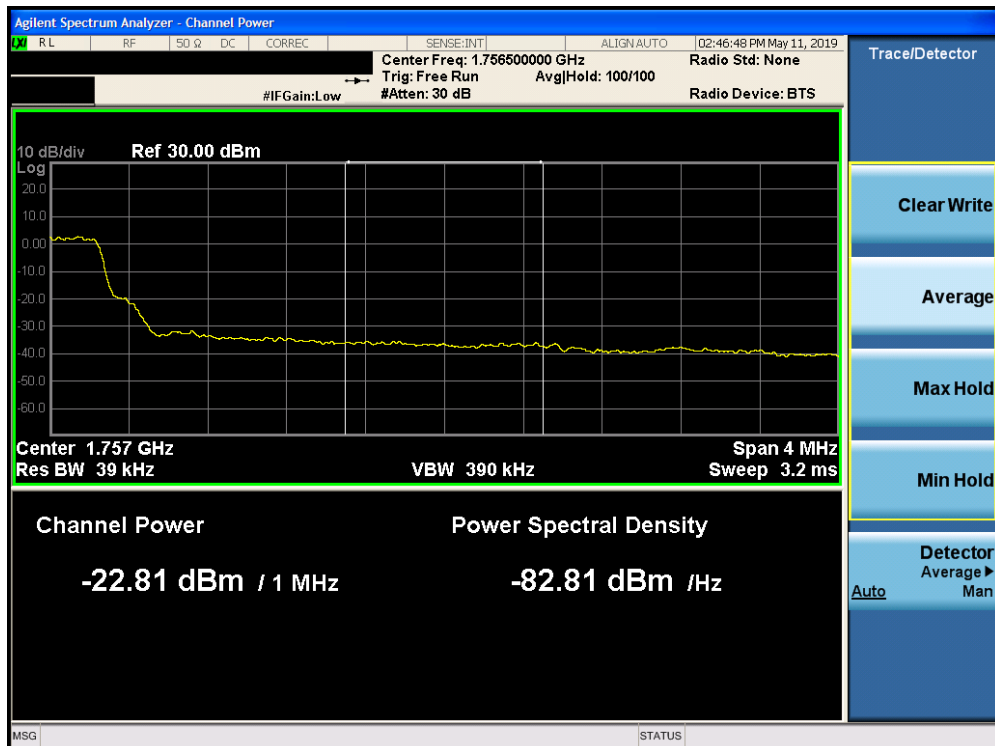


Plot 7-143. Lower Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 99 of 203                  |

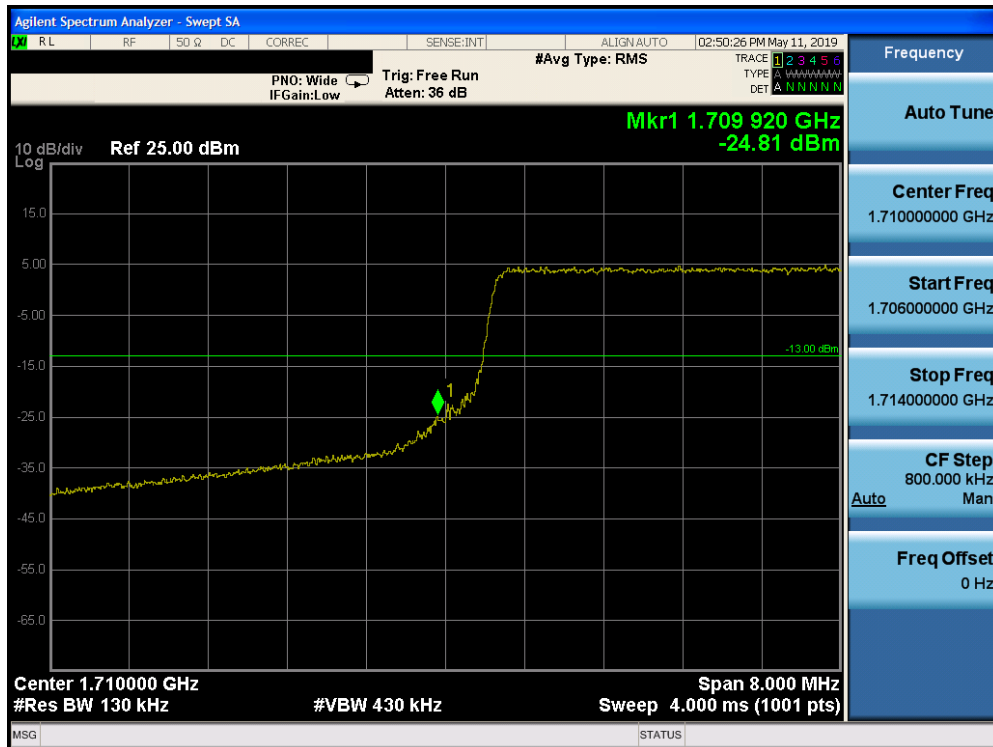


Plot 7-144. Upper Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

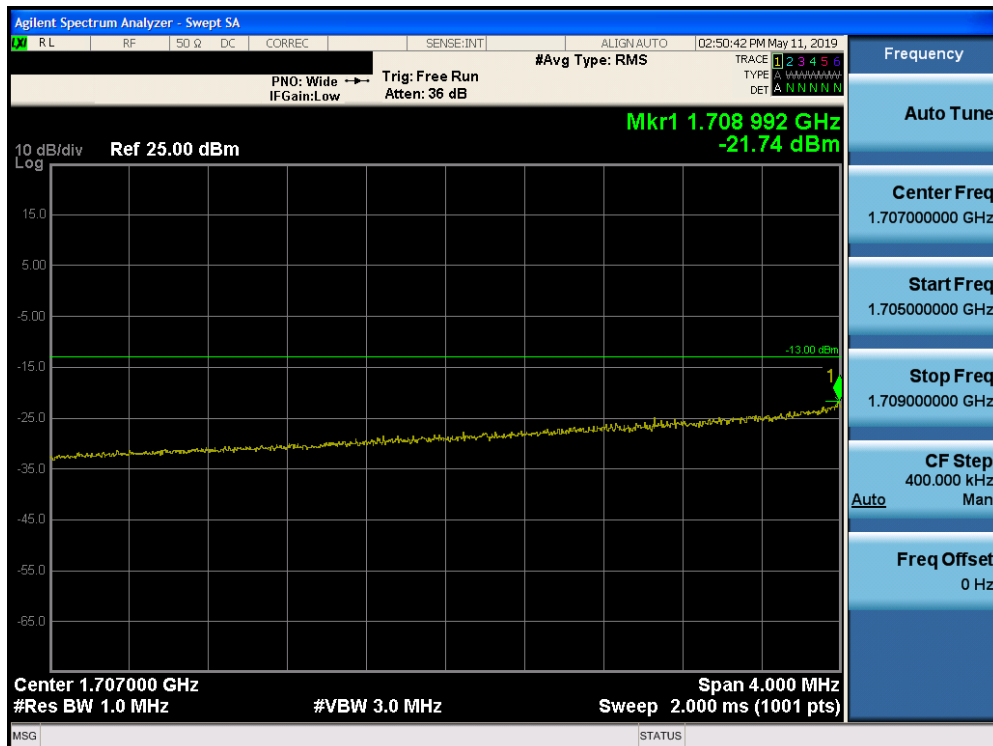


Plot 7-145. Upper Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                               |                                 |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                            | Page 100 of 203                 |

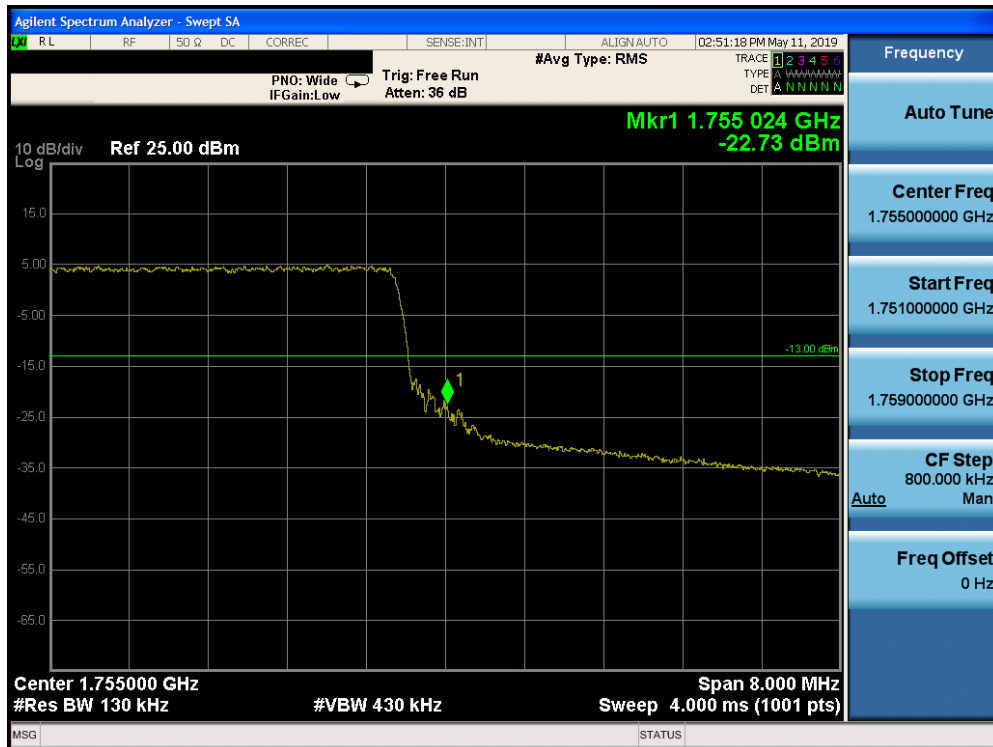


Plot 7-146. Lower Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

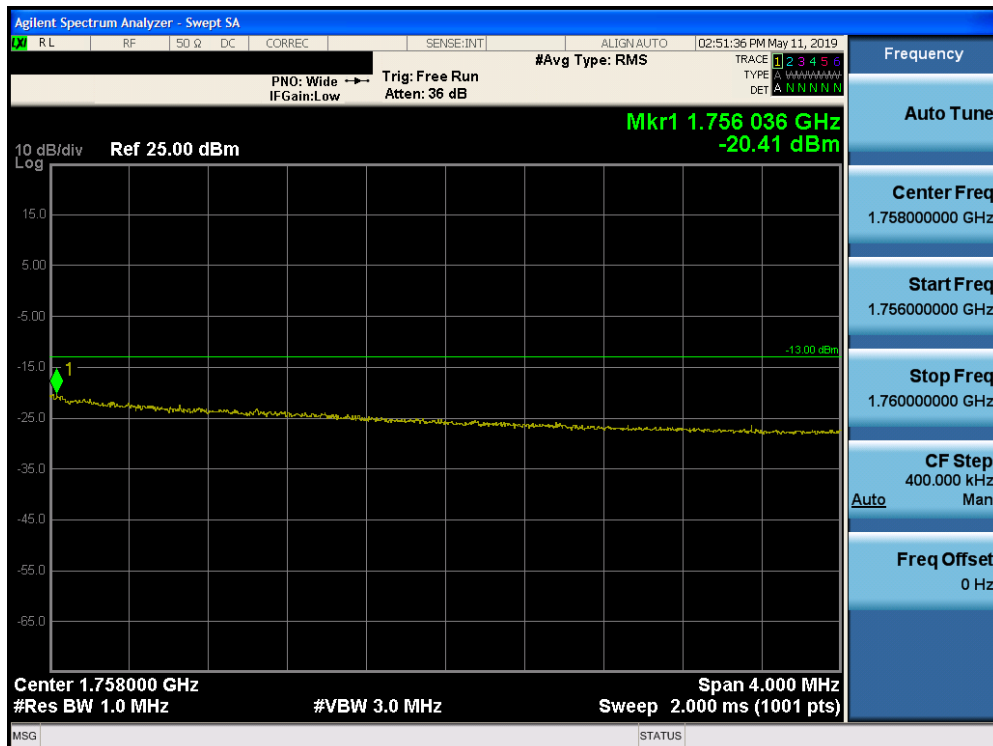


Plot 7-147. Lower Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 101 of 203                 |

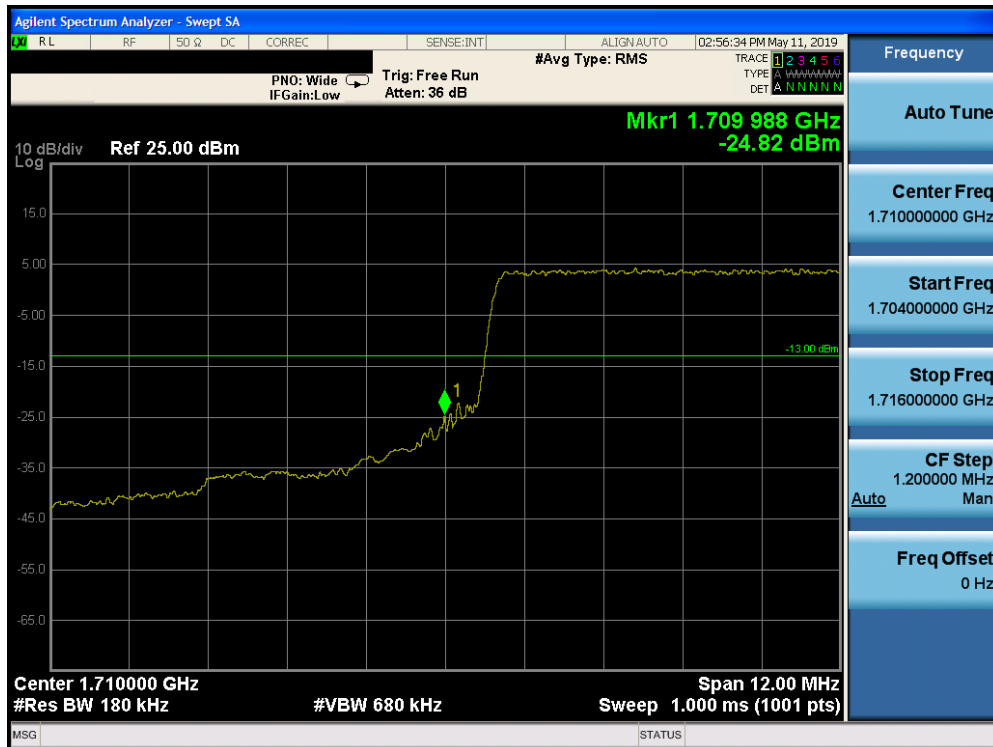


Plot 7-148. Upper Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

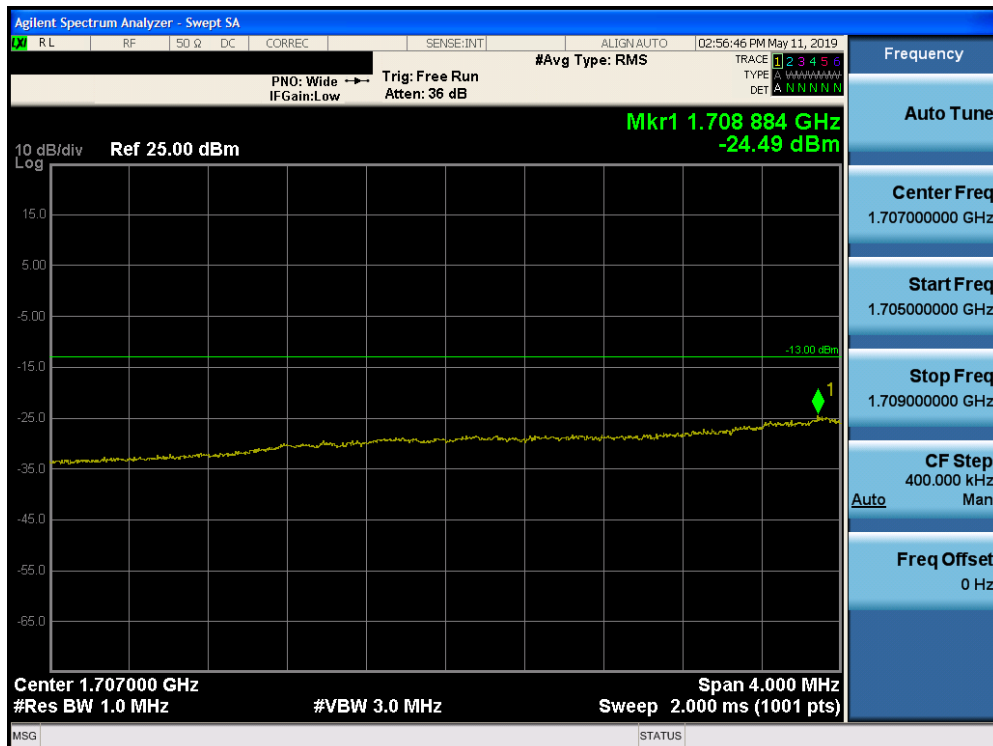


Plot 7-149. Upper Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 102 of 203                 |

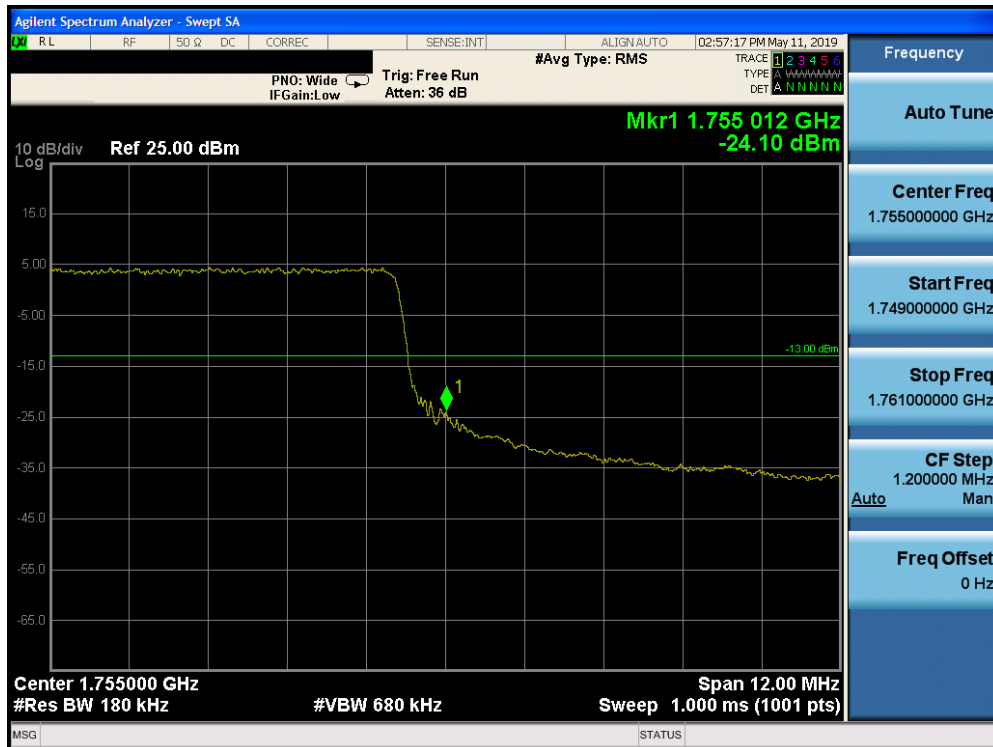


Plot 7-150. Lower Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

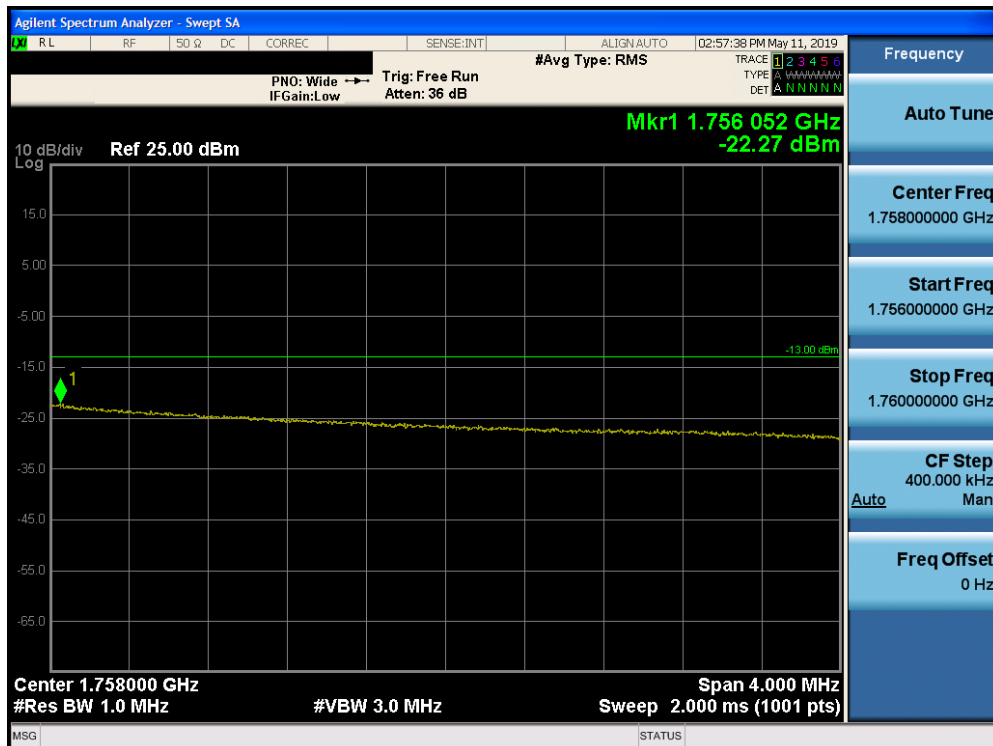


Plot 7-151. Lower Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 103 of 203                 |

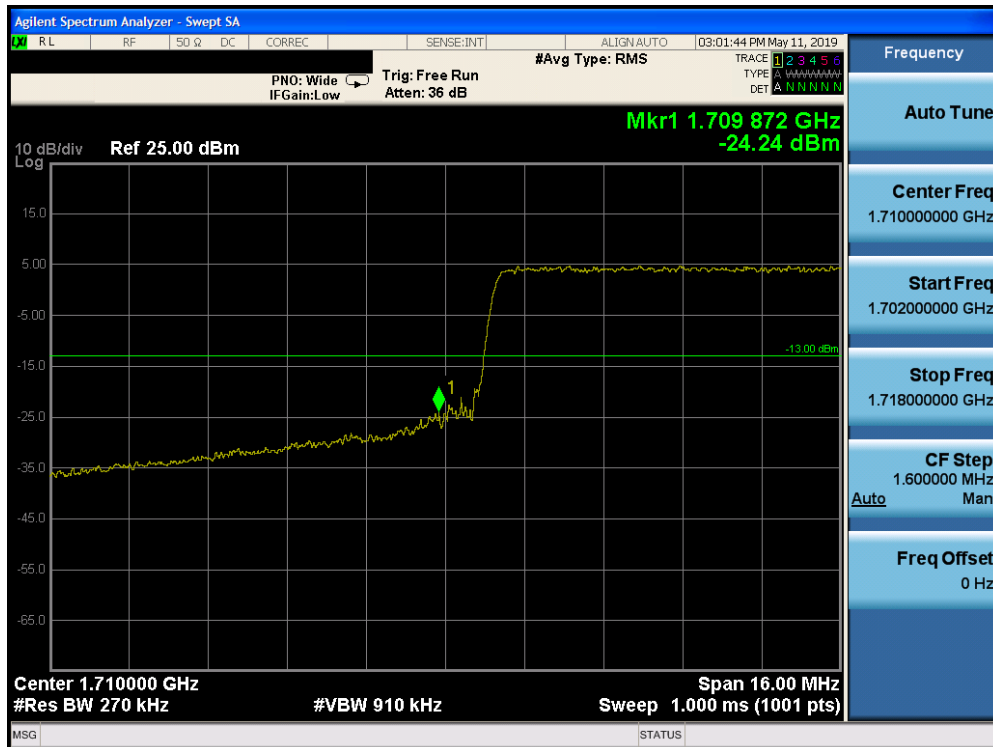


Plot 7-152. Upper Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

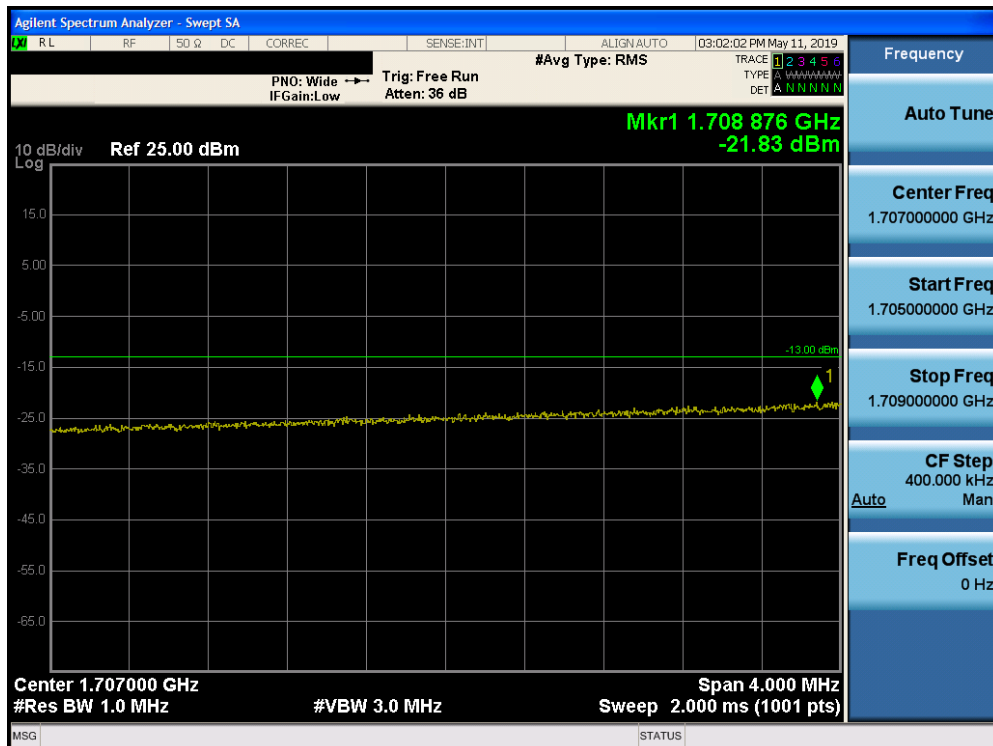


Plot 7-153. Upper Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch | Page 104 of 203                 |



Plot 7-154. Lower Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

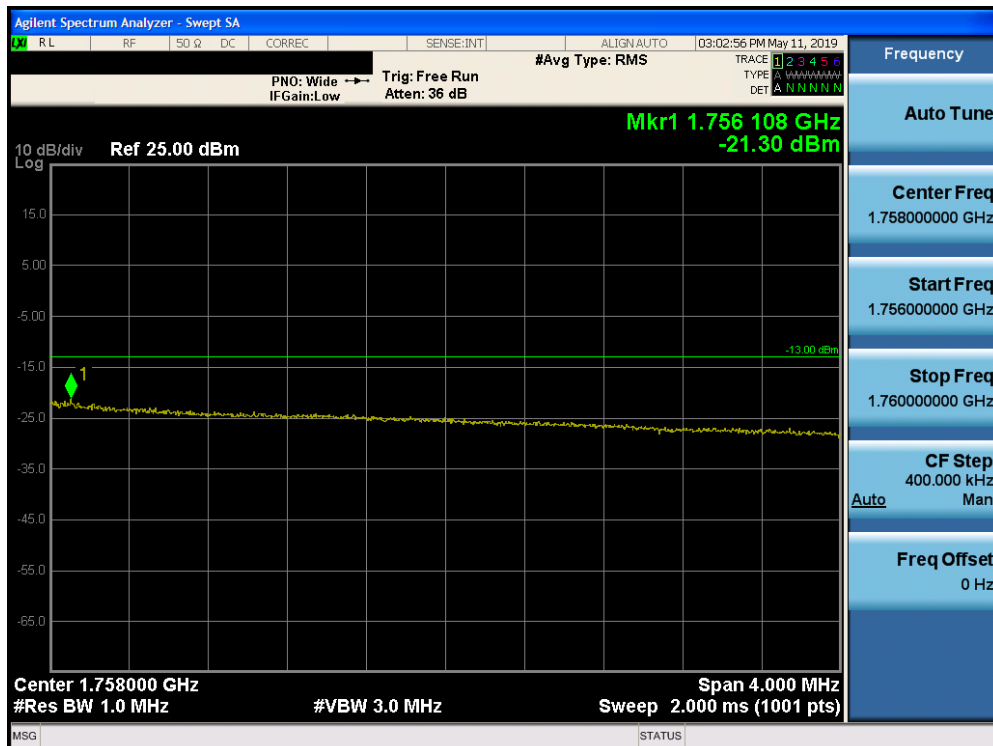


Plot 7-155. Lower Extended Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 105 of 203                 |



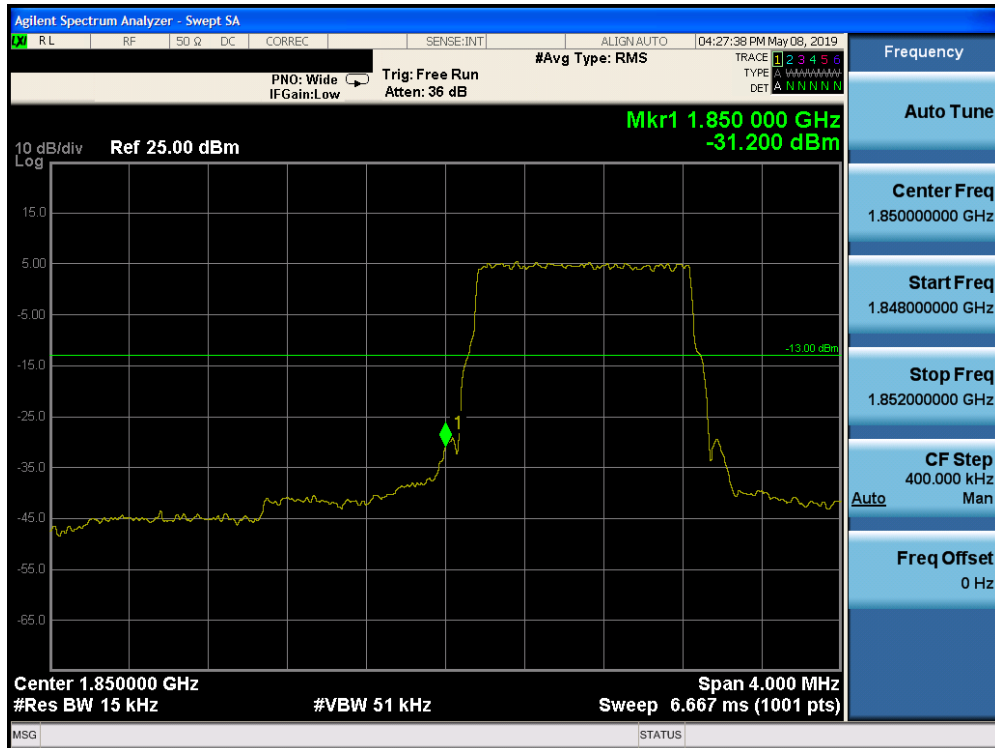
Plot 7-156. Upper Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)



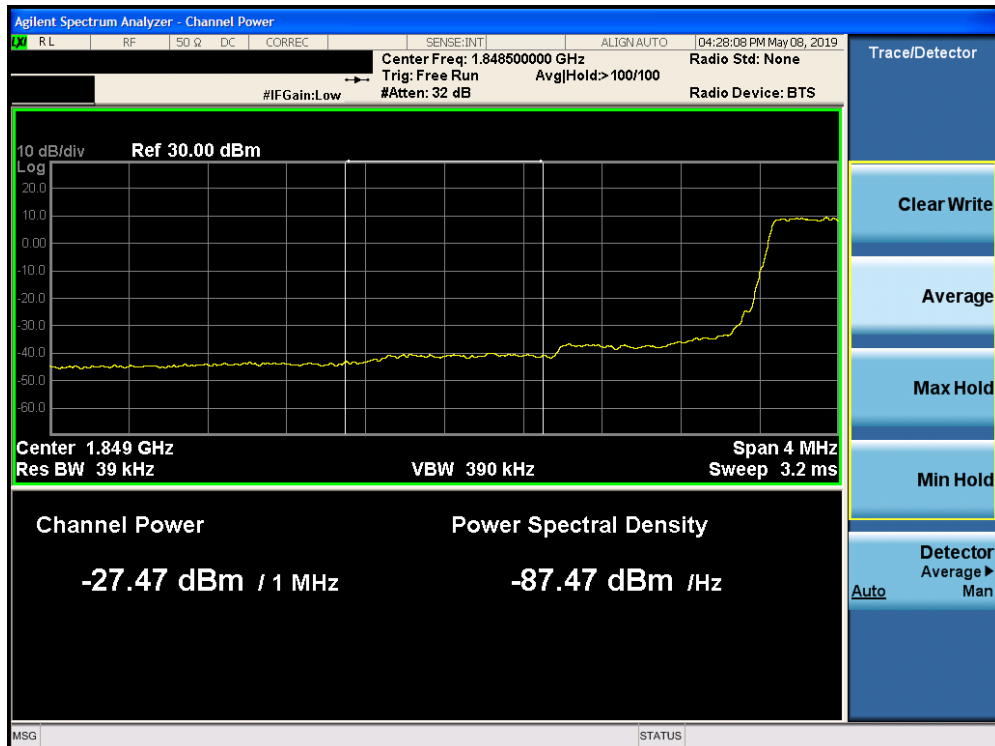
Plot 7-157. Upper Extended Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019       | EUT Type:<br>Watch | Page 106 of 203                 |

## Band 25



Plot 7-158. Lower Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

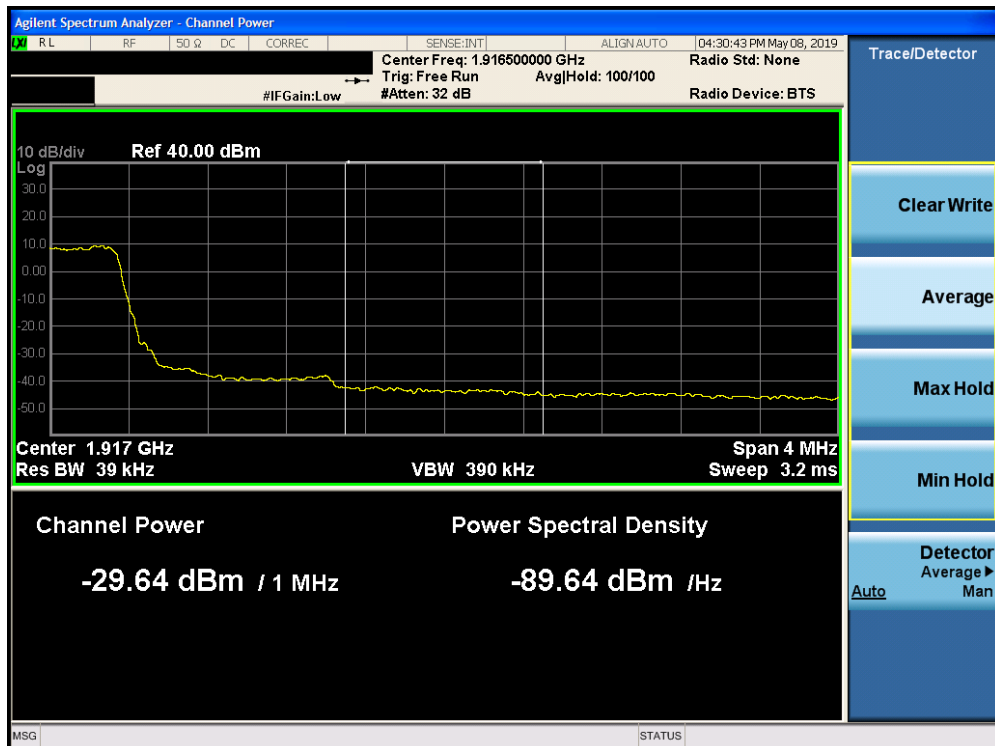


Plot 7-159. Lower Extended Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 107 of 203                 |

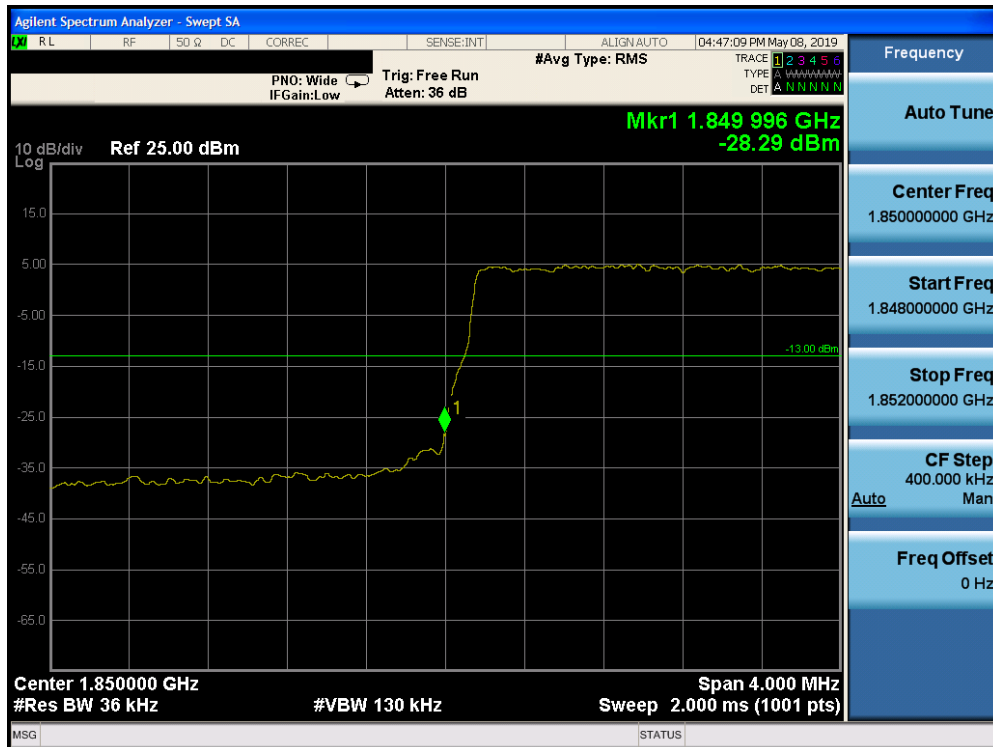


Plot 7-160. Upper Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

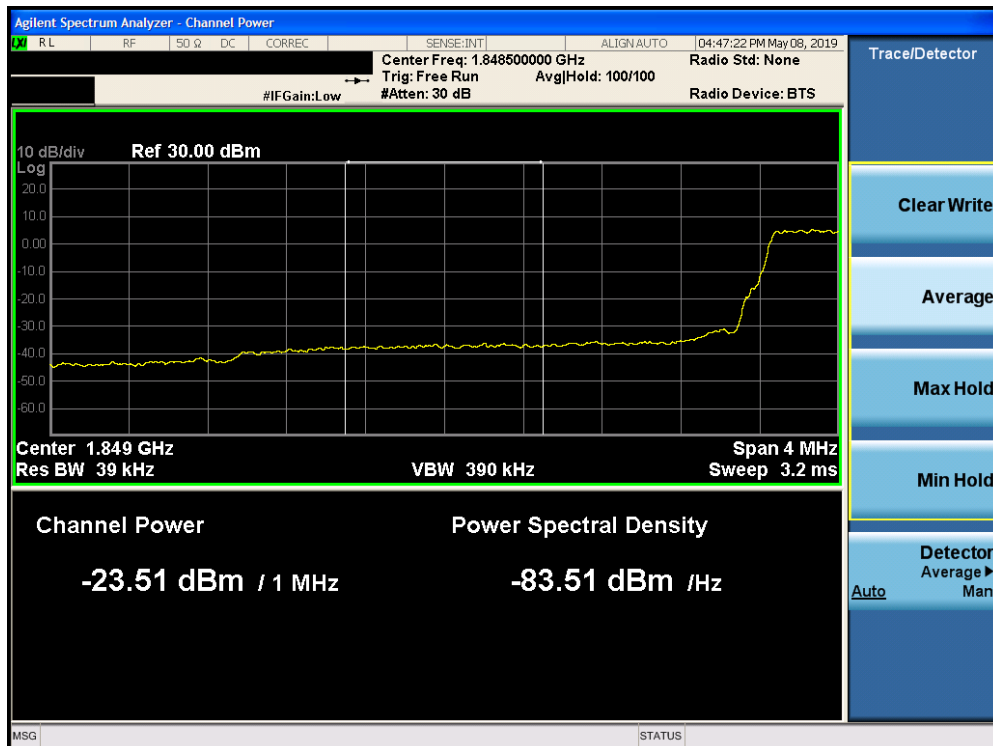


Plot 7-161. Upper Extended Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 108 of 203                 |

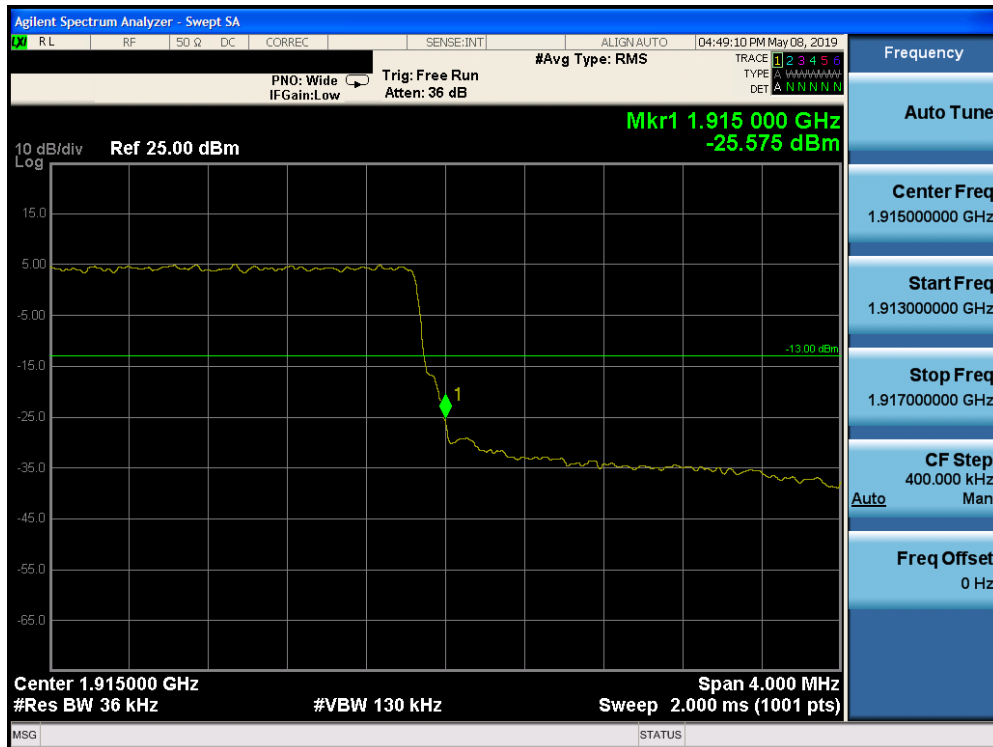


Plot 7-162. Lower Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

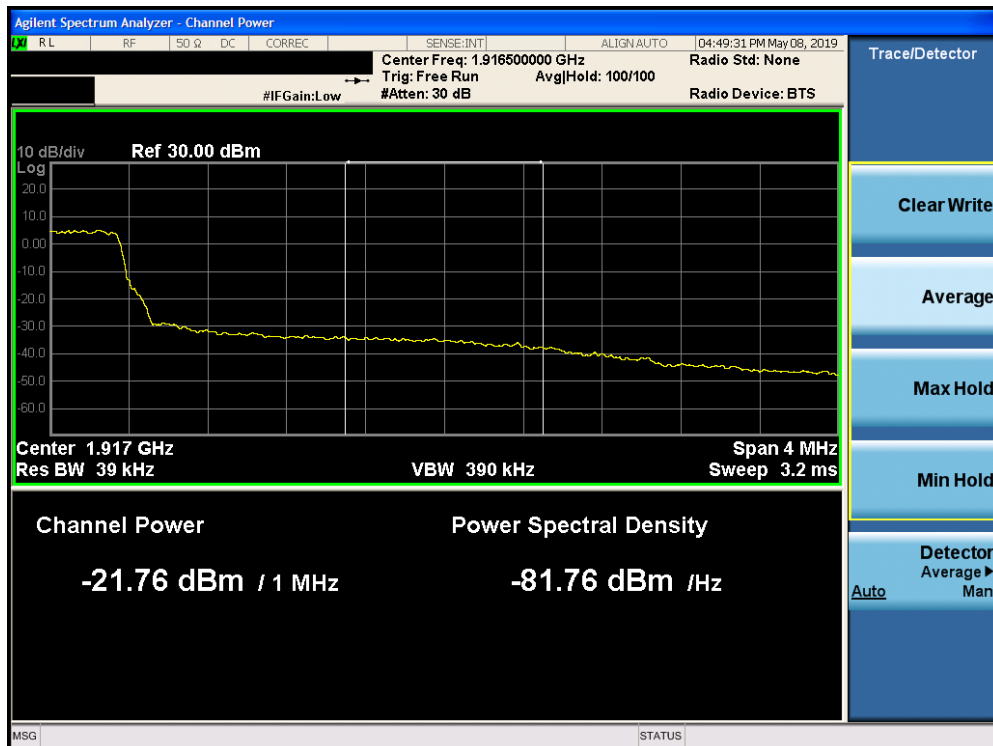


Plot 7-163. Lower Extended Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 109 of 203                 |

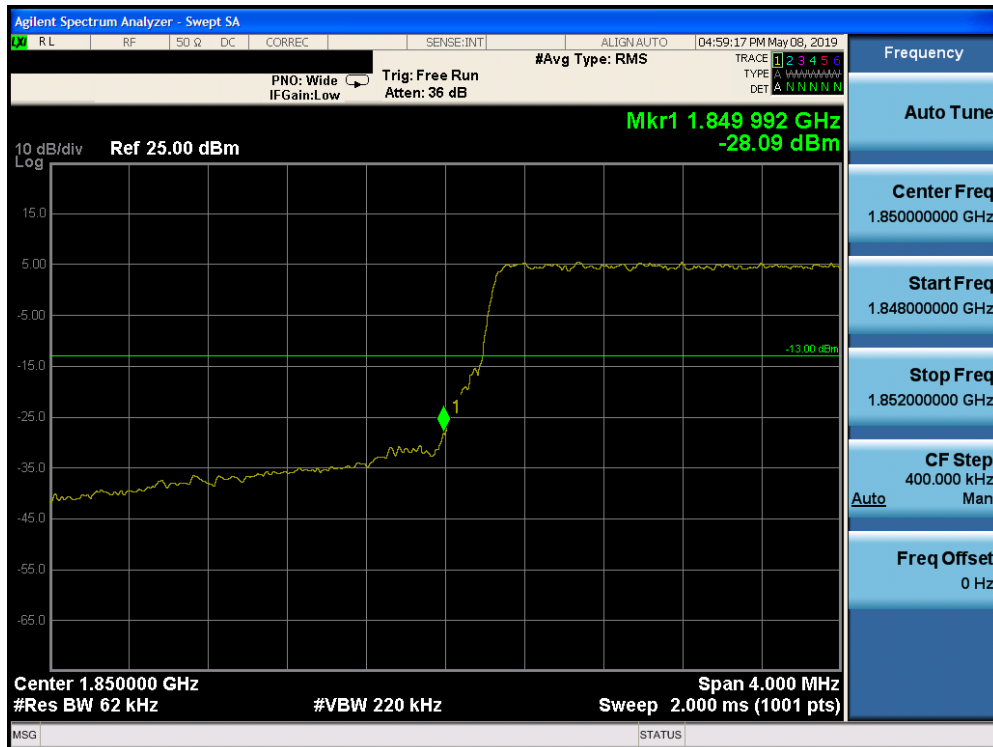


Plot 7-164. Upper Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

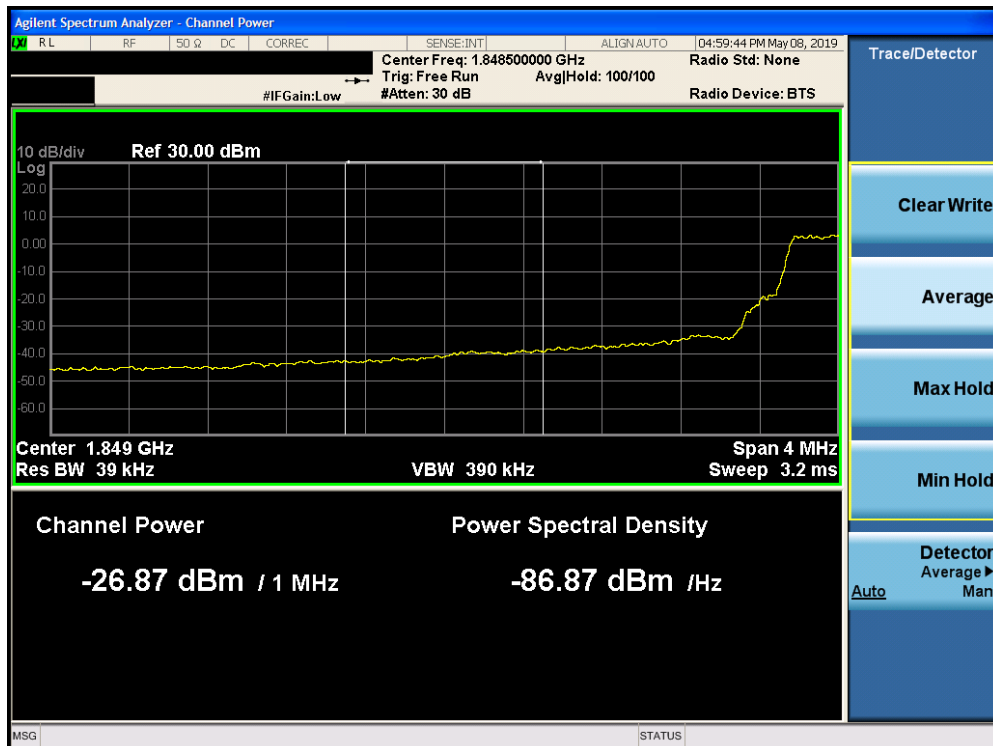


Plot 7-165. Upper Extended Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                    | Page 110 of 203                 |

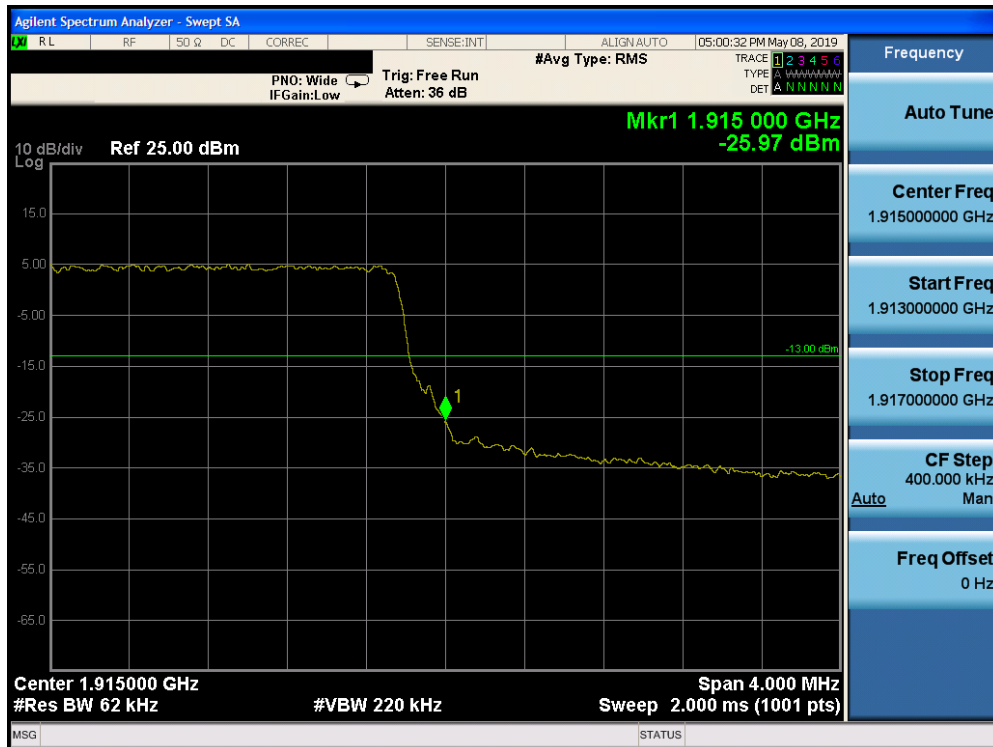


Plot 7-166. Lower Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

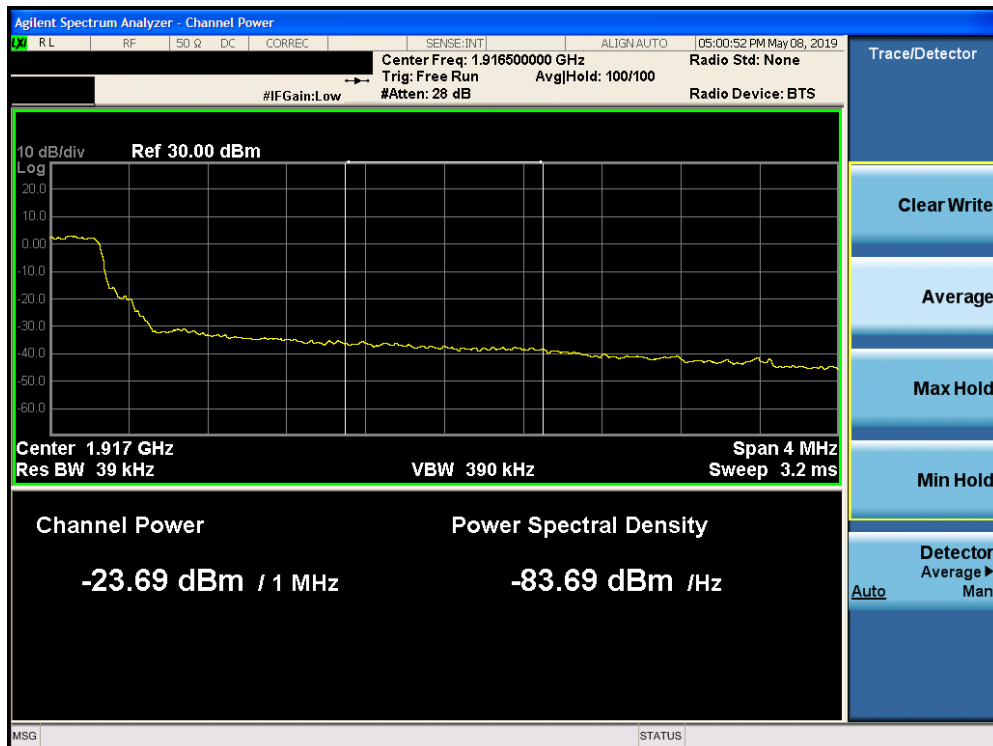


Plot 7-167. Lower Extended Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                    | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019                                                                                           | EUT Type:<br>Watch | Page 111 of 203                 |



Plot 7-168. Upper Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-169. Upper Extended Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                               |                                 |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1905130009-03.BCG | Test Dates:<br>05/02/2019 - 08/15/2019        | EUT Type:<br>Watch                            | Page 112 of 203                 |