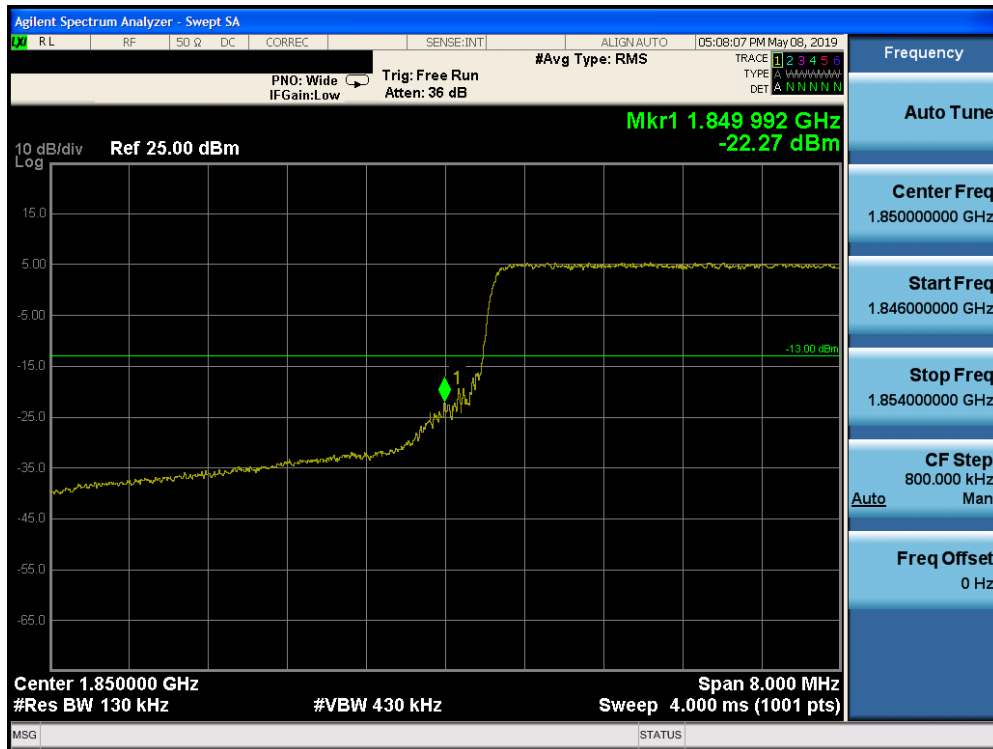
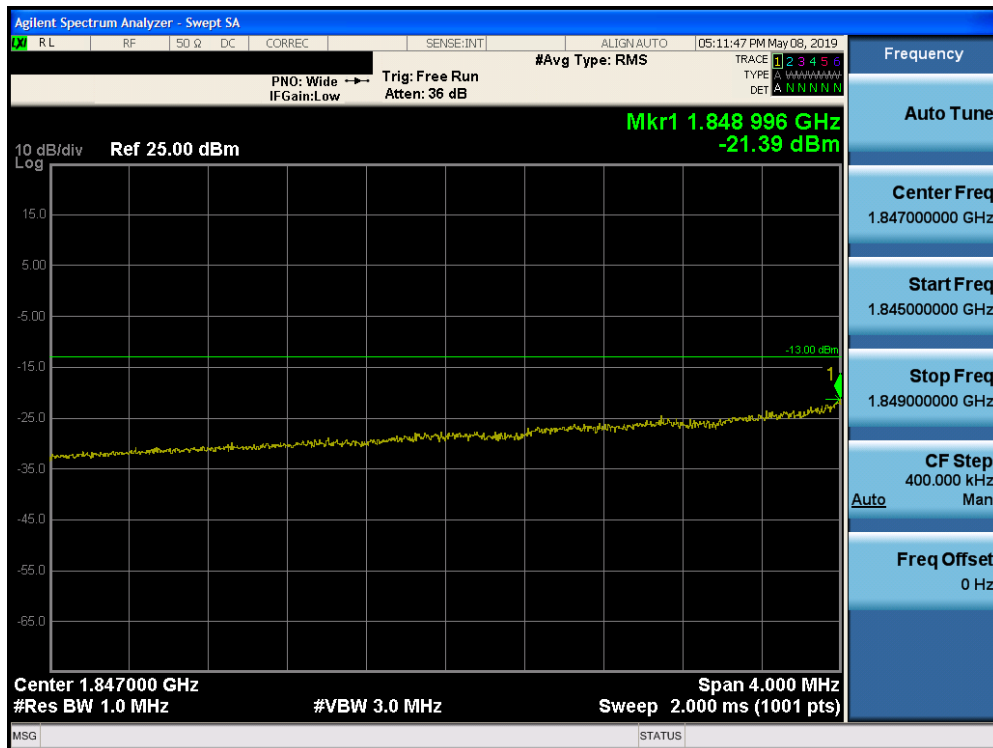


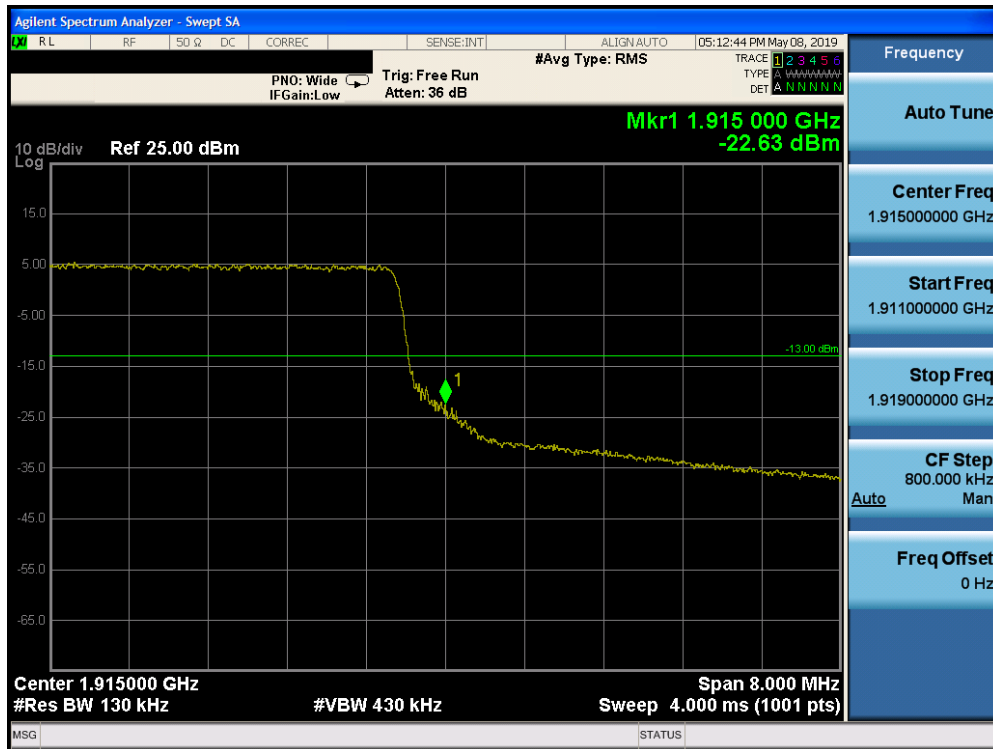


Plot 7-170. Lower Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

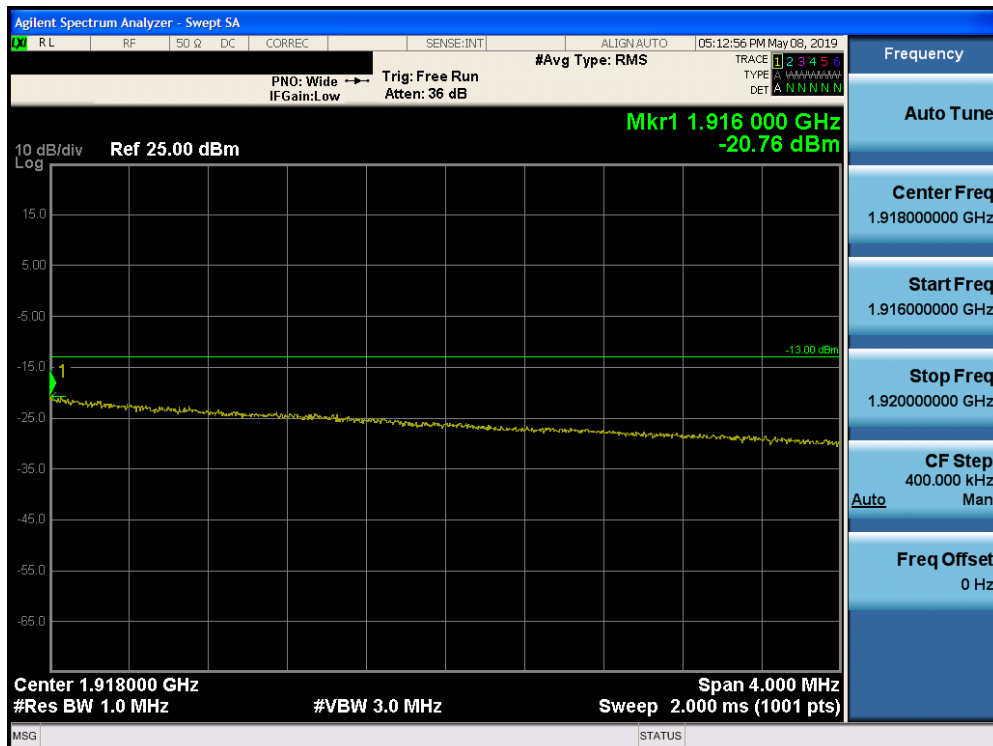


Plot 7-171. Lower Extended Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| 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 113 of 203                 |

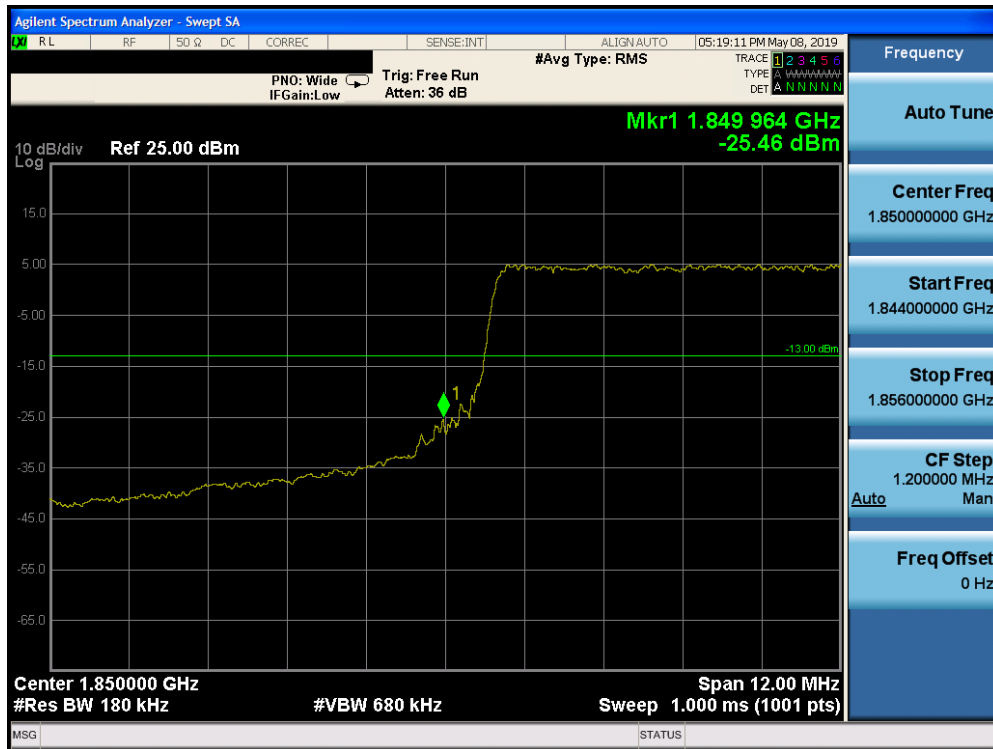


Plot 7-172. Upper Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

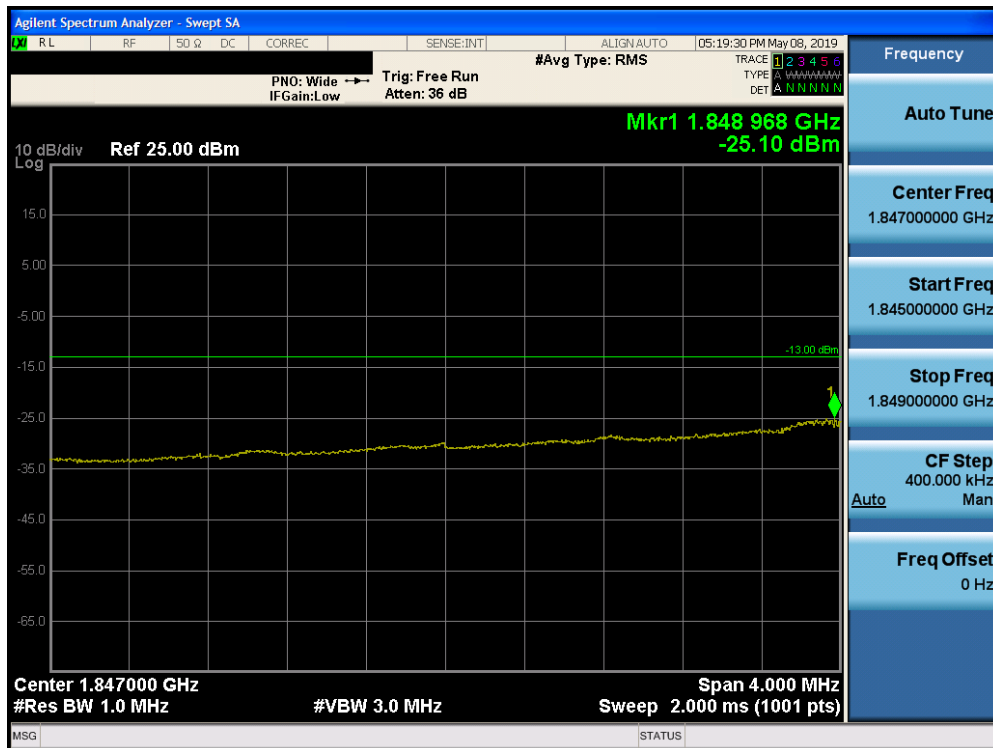


Plot 7-173. Upper Extended Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 114 of 203                 |



Plot 7-174. Lower Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

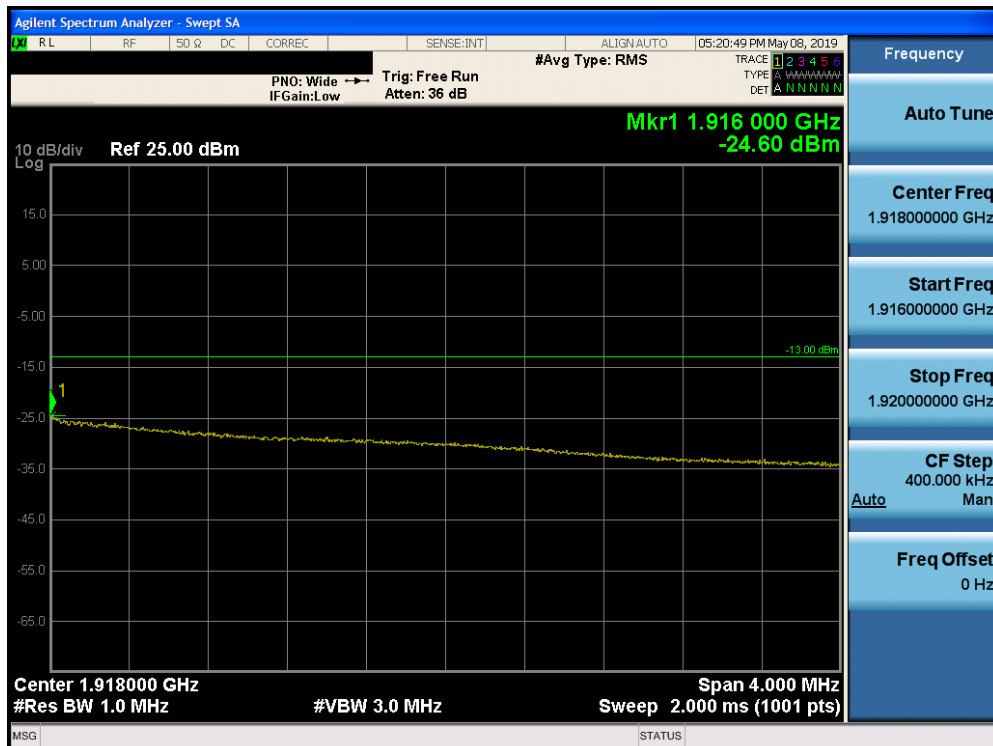


Plot 7-175. Lower Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 115 of 203                 |

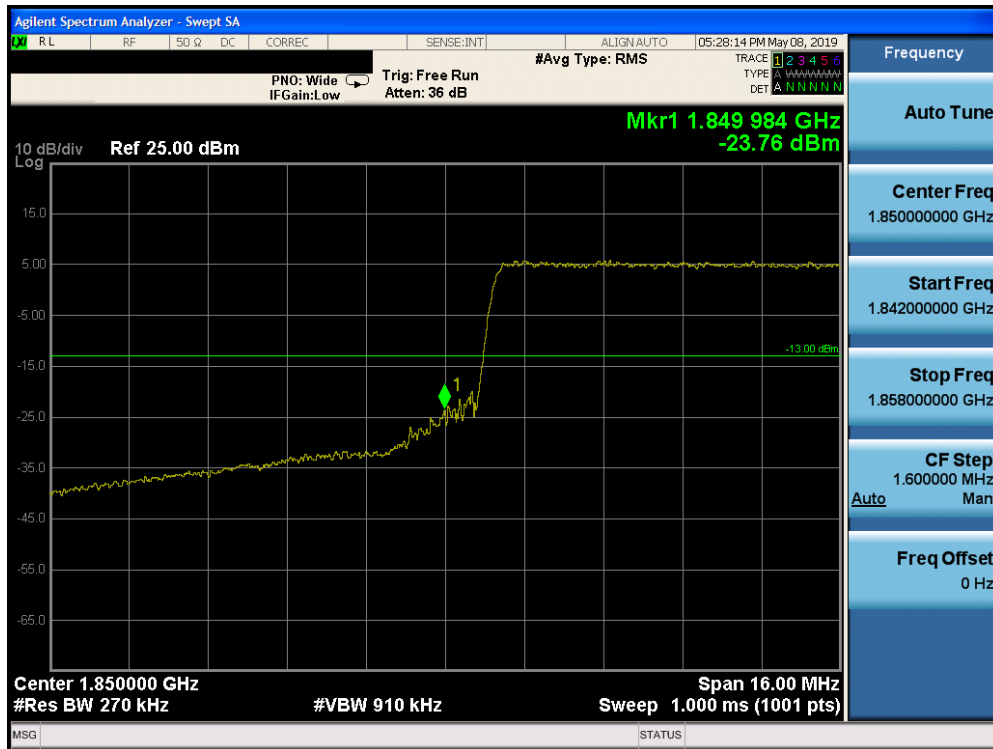


Plot 7-176. Upper Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

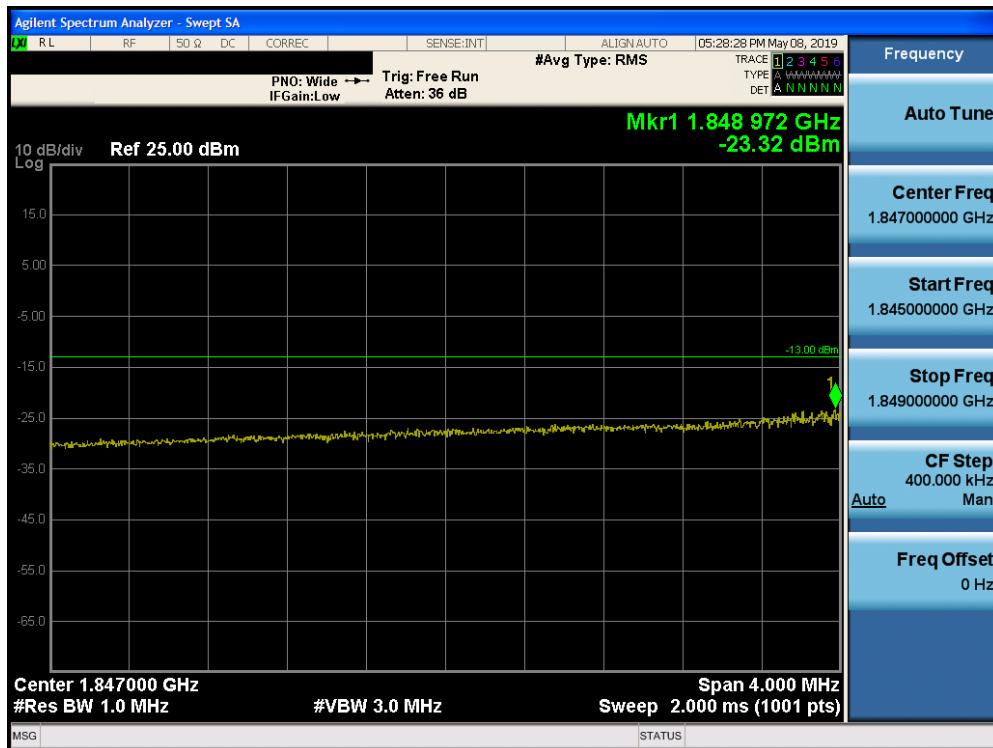


Plot 7-177. Upper Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| 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 116 of 203                 |

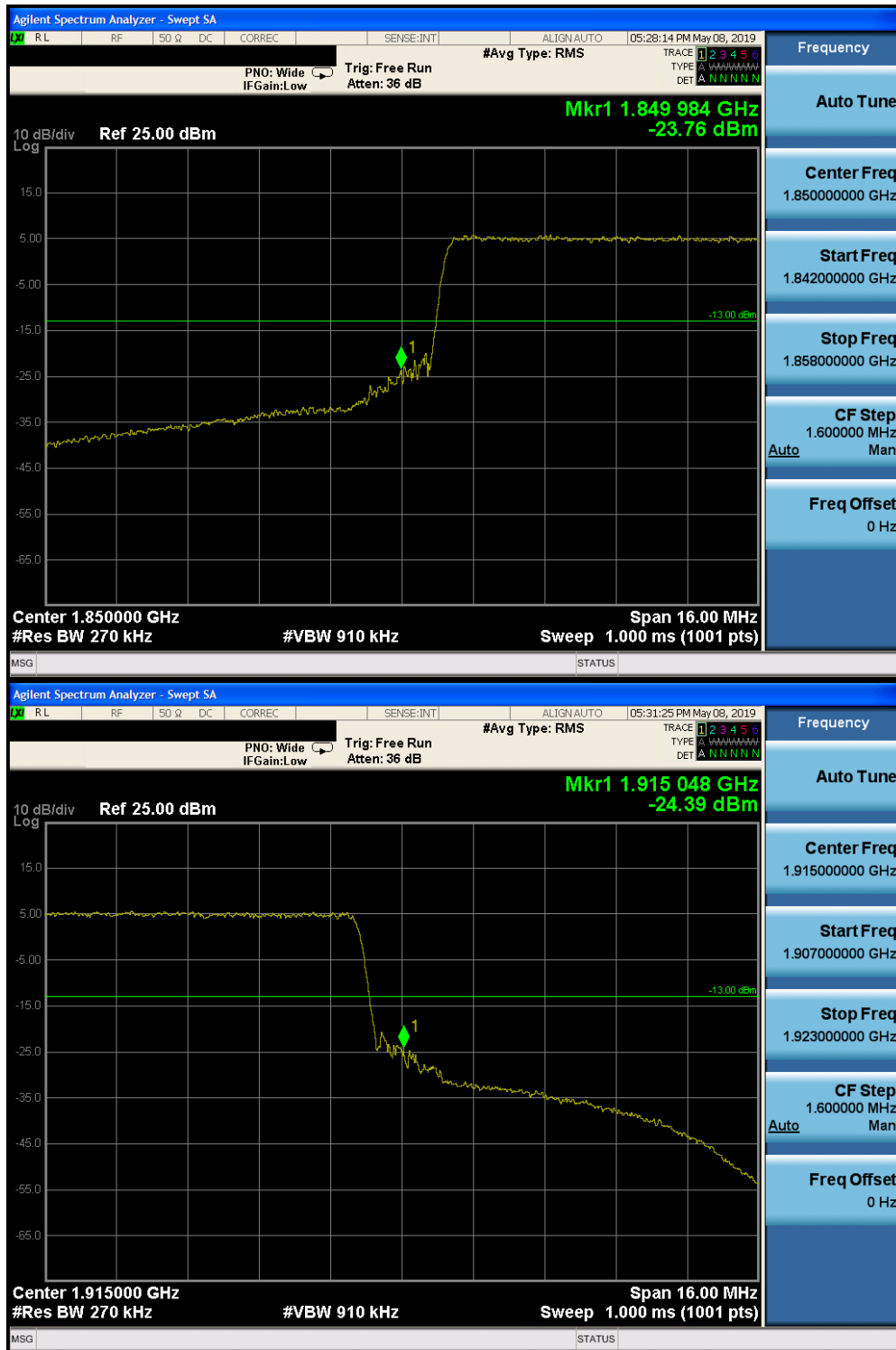


Plot 7-178. Lower Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-179. Lower Extended Band Edge Plot (Band 25 - 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 117 of 203                 |



Plot 7-180. Upper Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

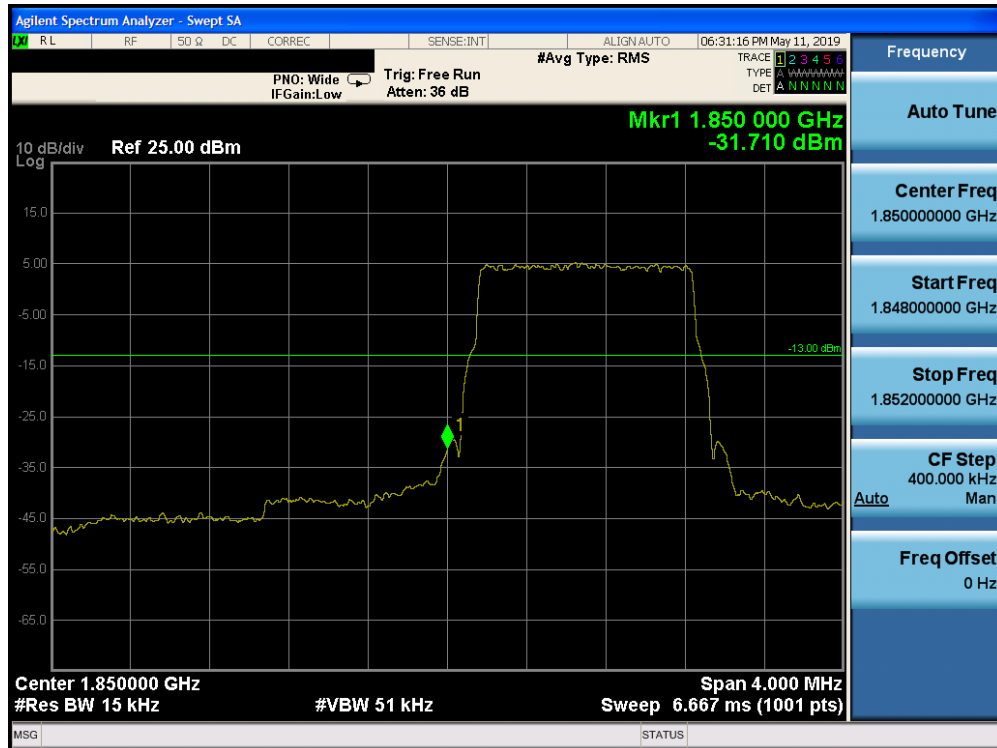
|                                         |                                           |                    |                                 |
|-----------------------------------------|-------------------------------------------|--------------------|---------------------------------|
| FCC ID: BCG-A2156                       | <b>MEASUREMENT REPORT (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 118 of 203                 |



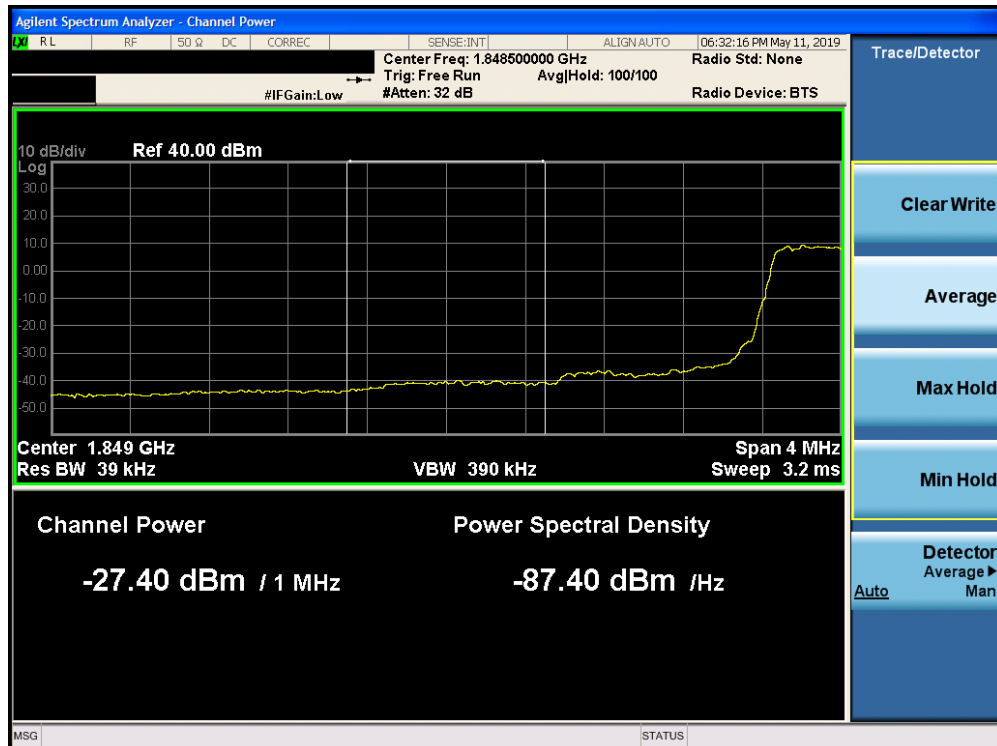
Plot 7-181. Upper Extended Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| 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 119 of 203                 |

## Band 2

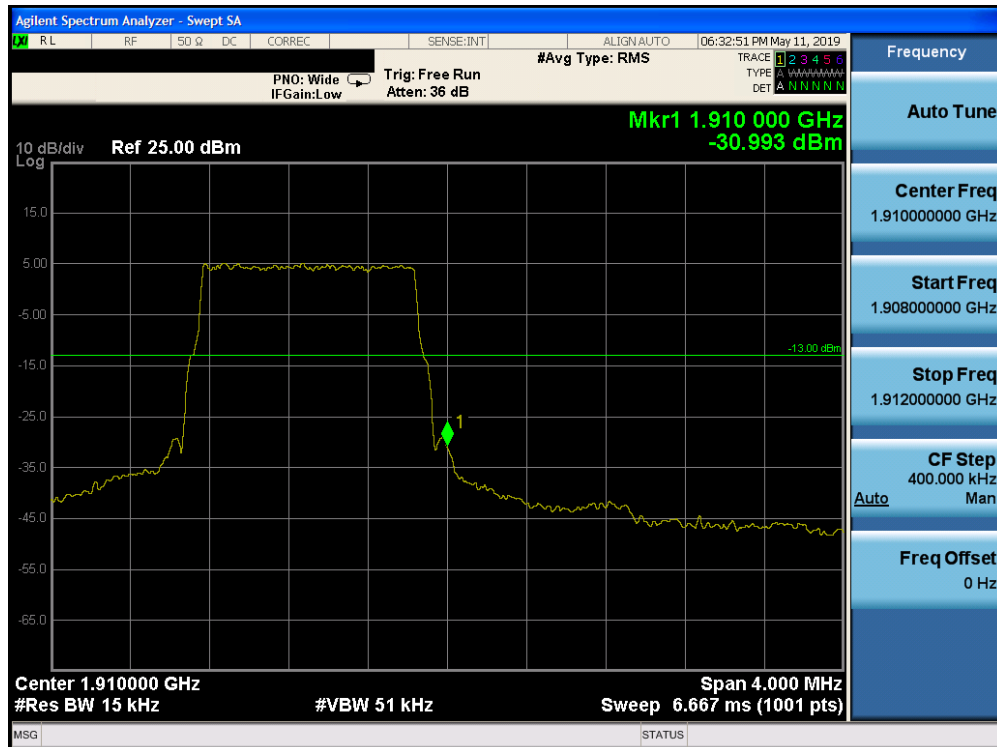


Plot 7-182. Lower Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

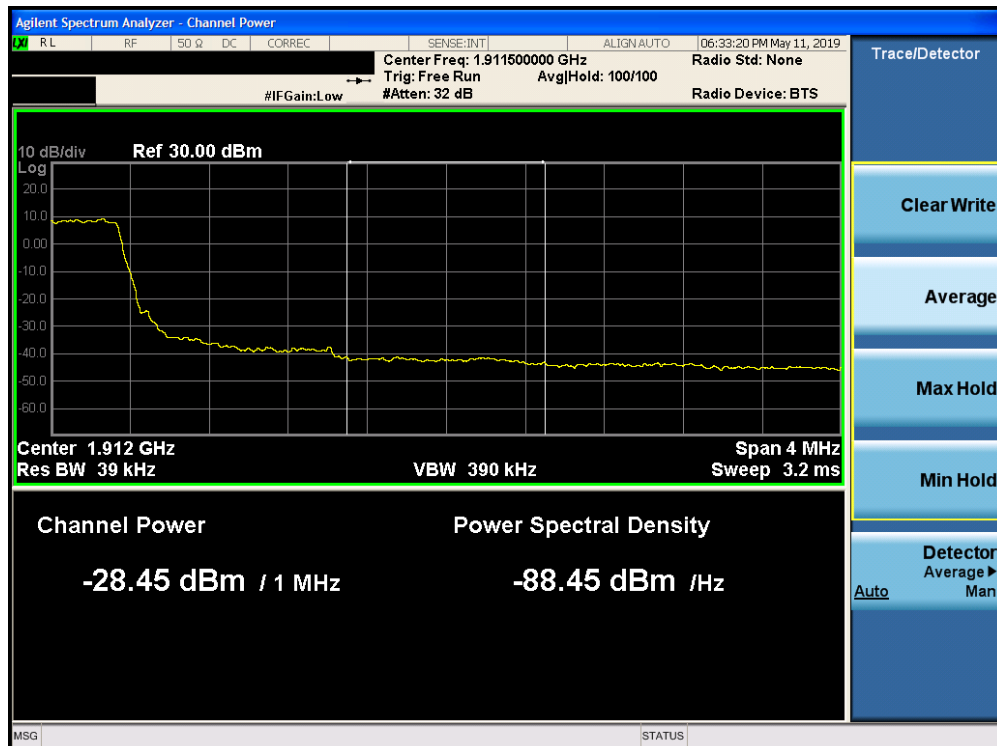


Plot 7-183. Lower Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| 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 120 of 203                 |

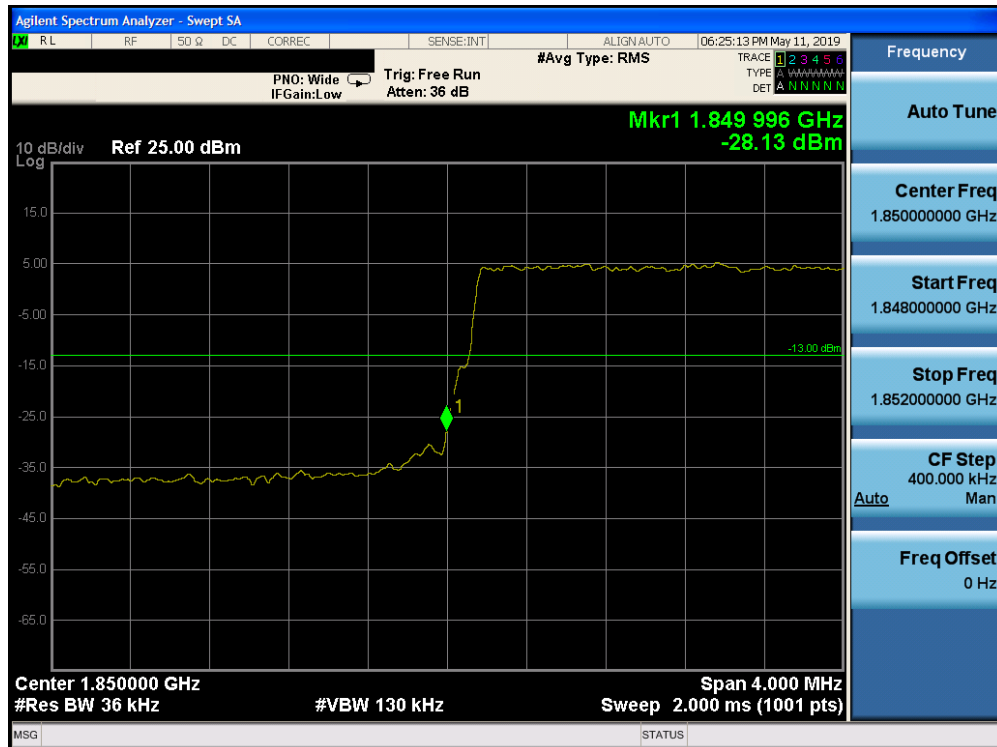


Plot 7-184. Upper Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

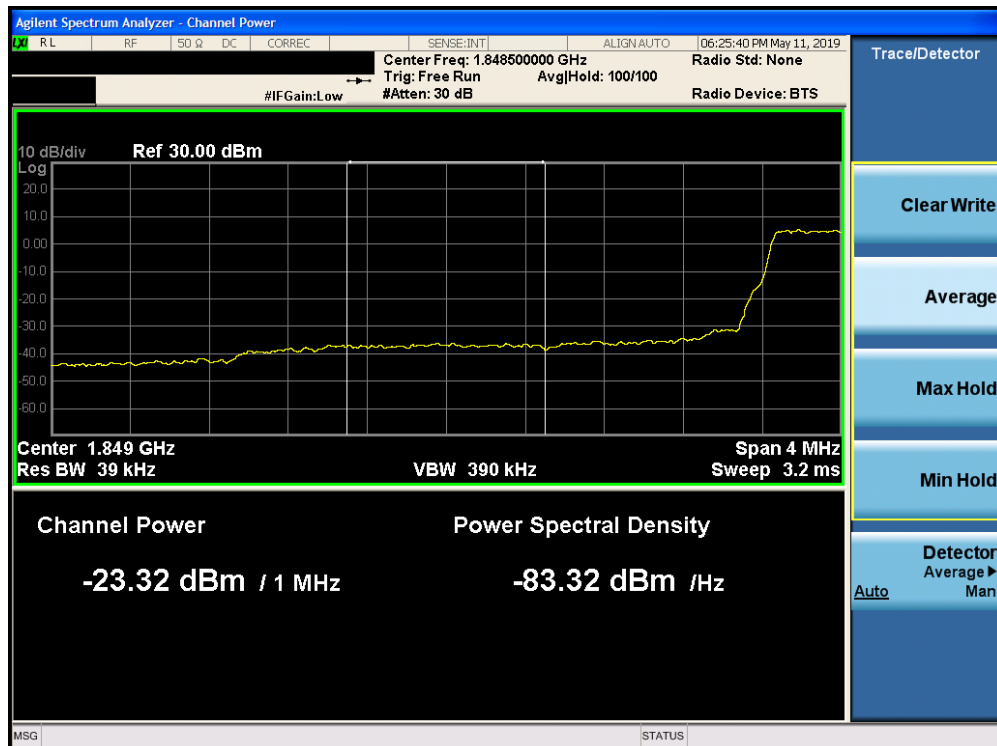


Plot 7-185. Upper Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

|                                         |                                               |                    |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------------|---------------------------------|
| 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 121 of 203                 |

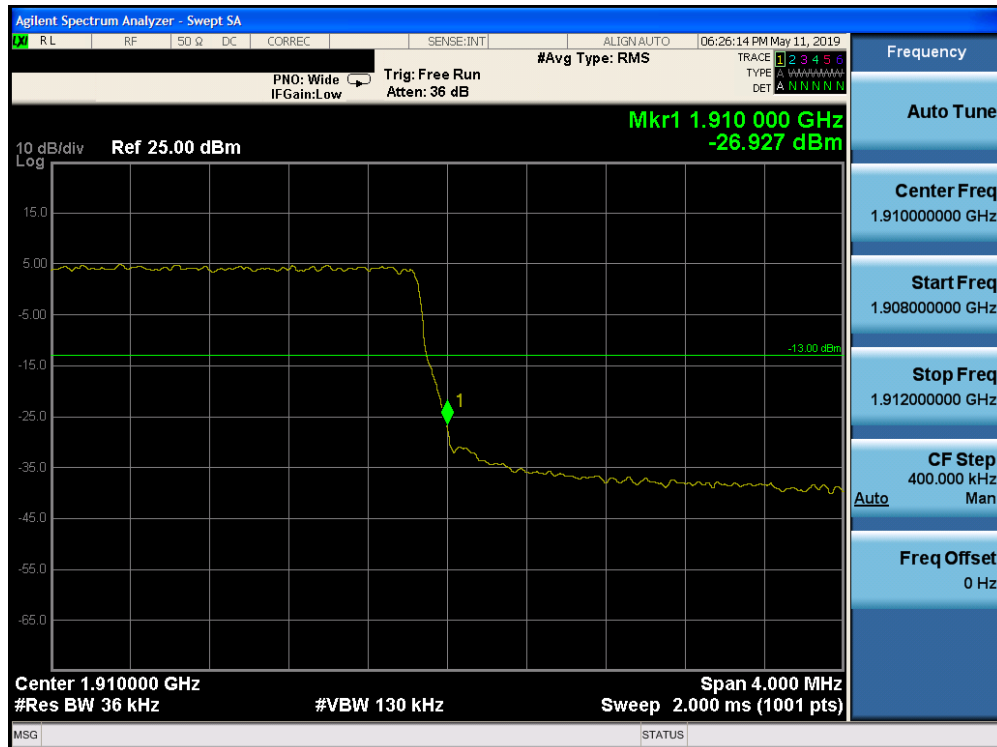


Plot 7-186. Lower Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

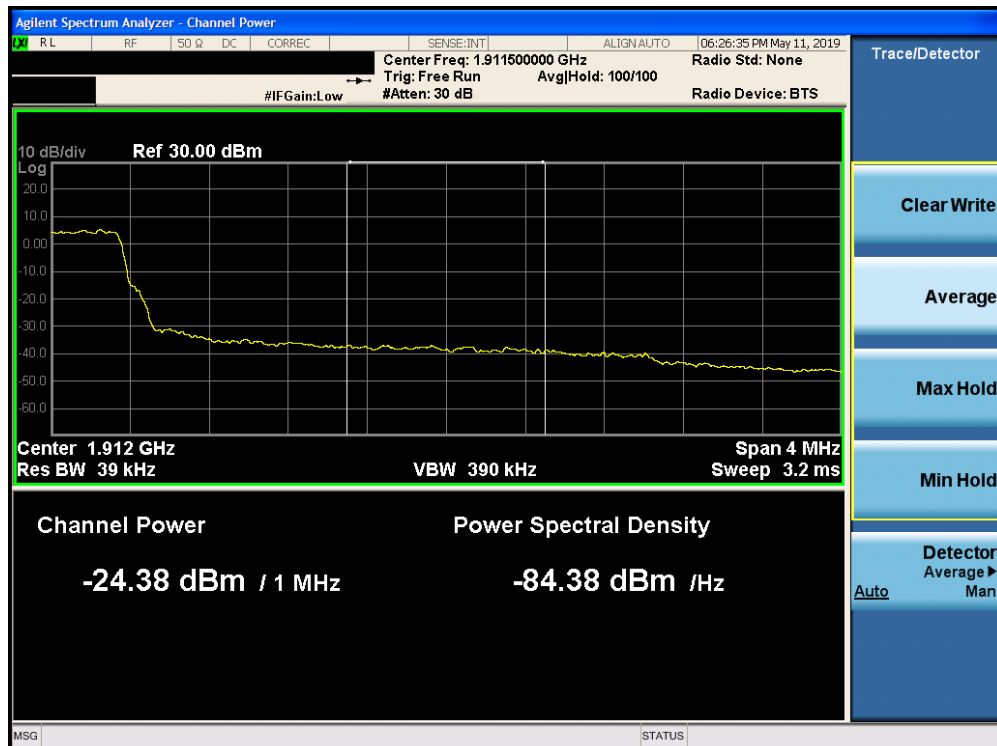


Plot 7-187. Lower Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                               |                                 |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|
| 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 122 of 203                 |

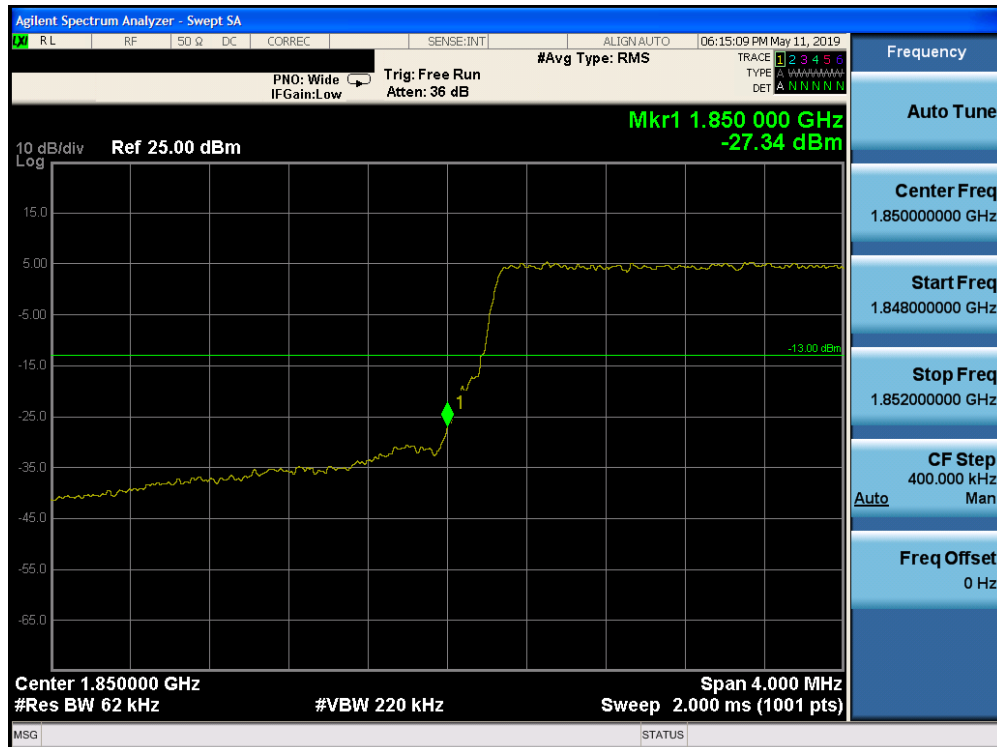


Plot 7-188. Upper Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

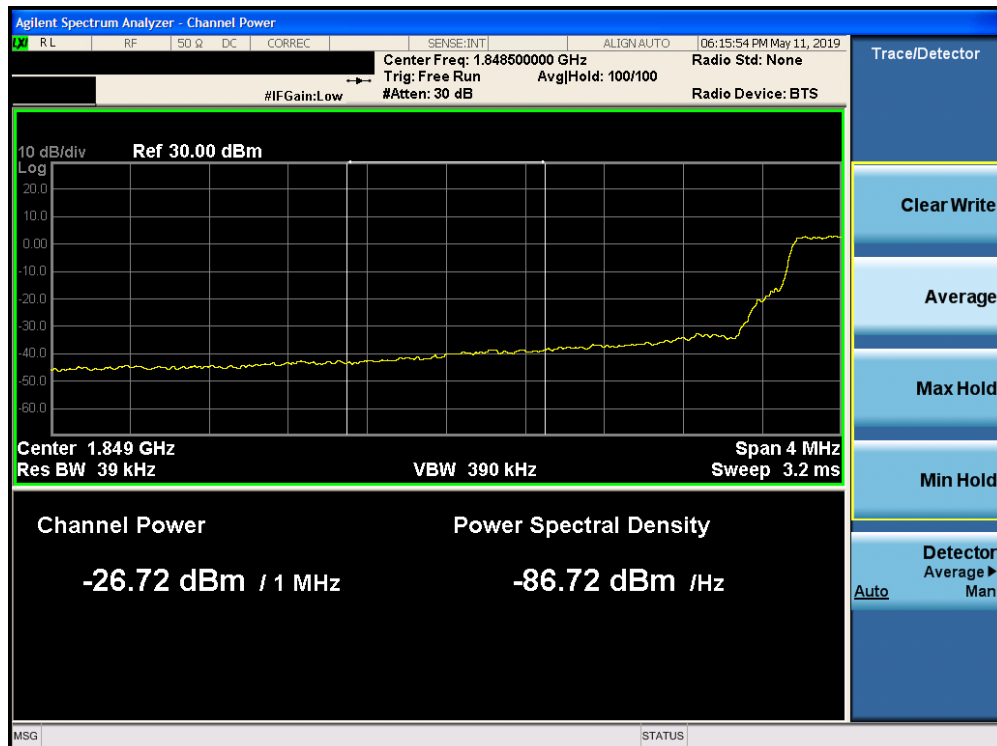


Plot 7-189. Upper Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                                       |                                 |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| 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 123 of 203                 |

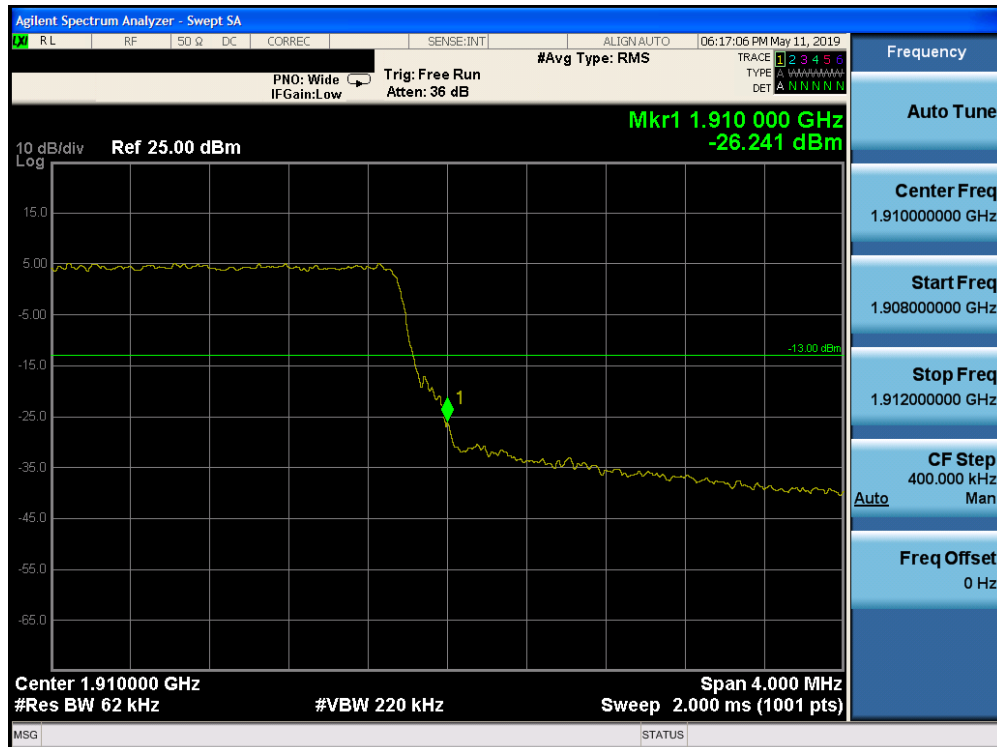


Plot 7-190. Lower Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

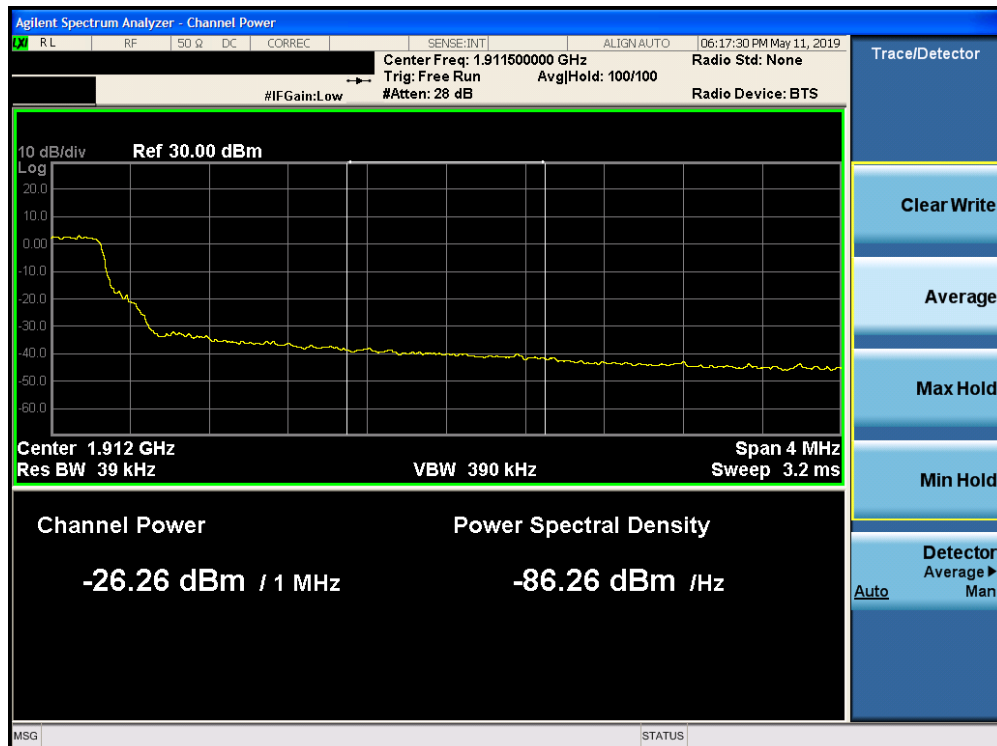


Plot 7-191. Lower Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 124 of 203                 |

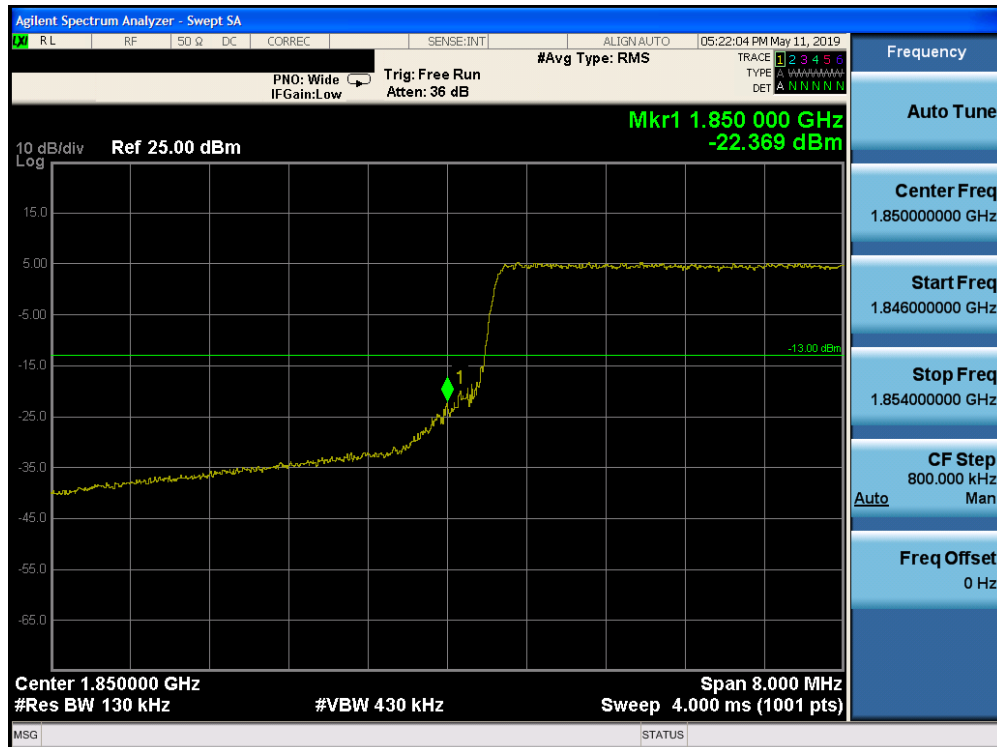


Plot 7-192. Upper Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

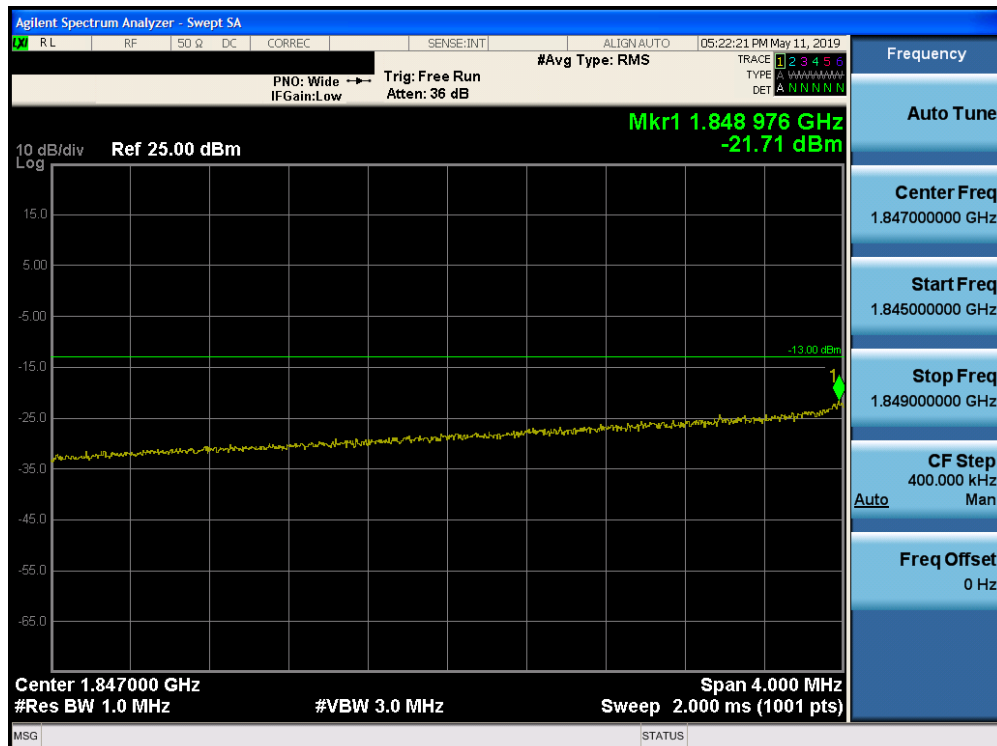


Plot 7-193. Upper Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 125 of 203                 |

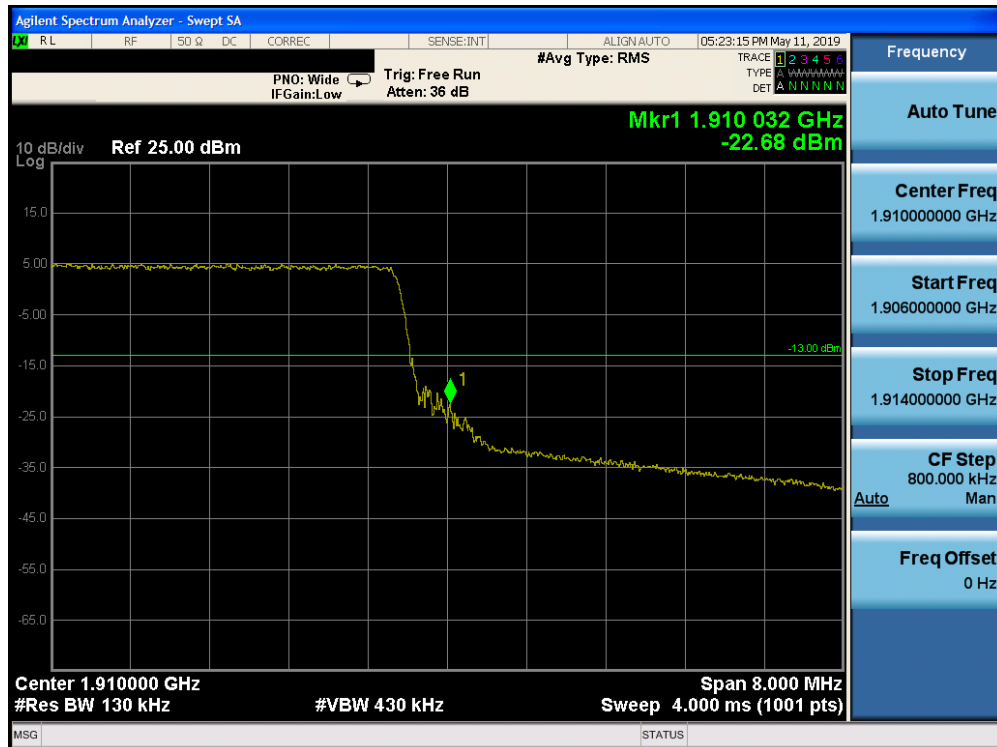


Plot 7-194. Lower Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

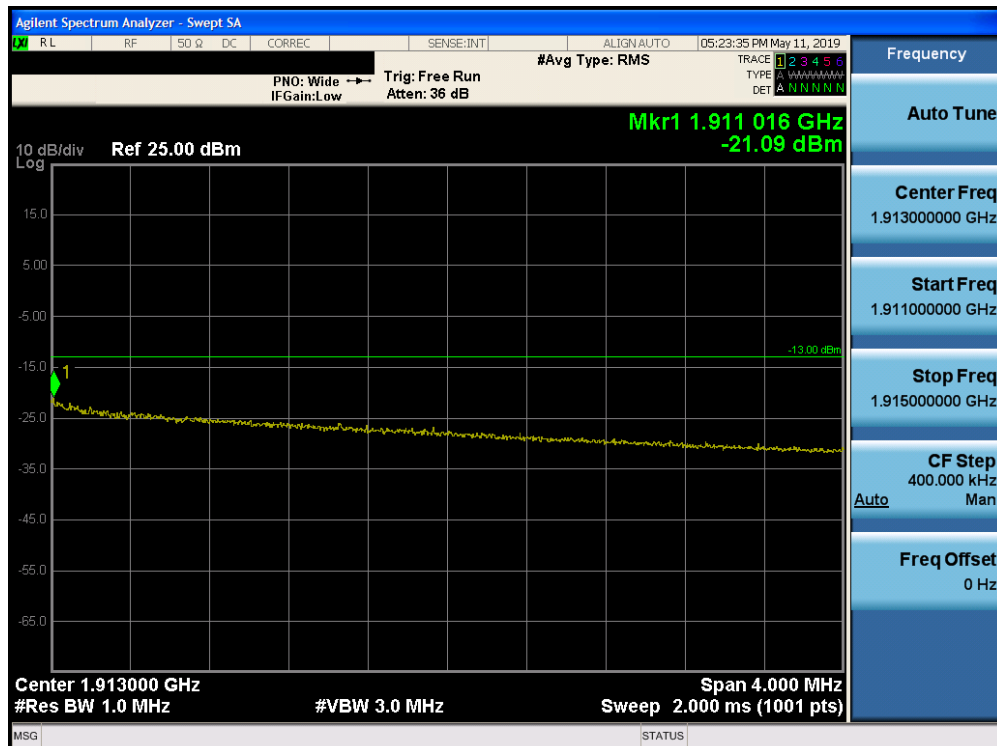


Plot 7-195. Lower Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 126 of 203                 |

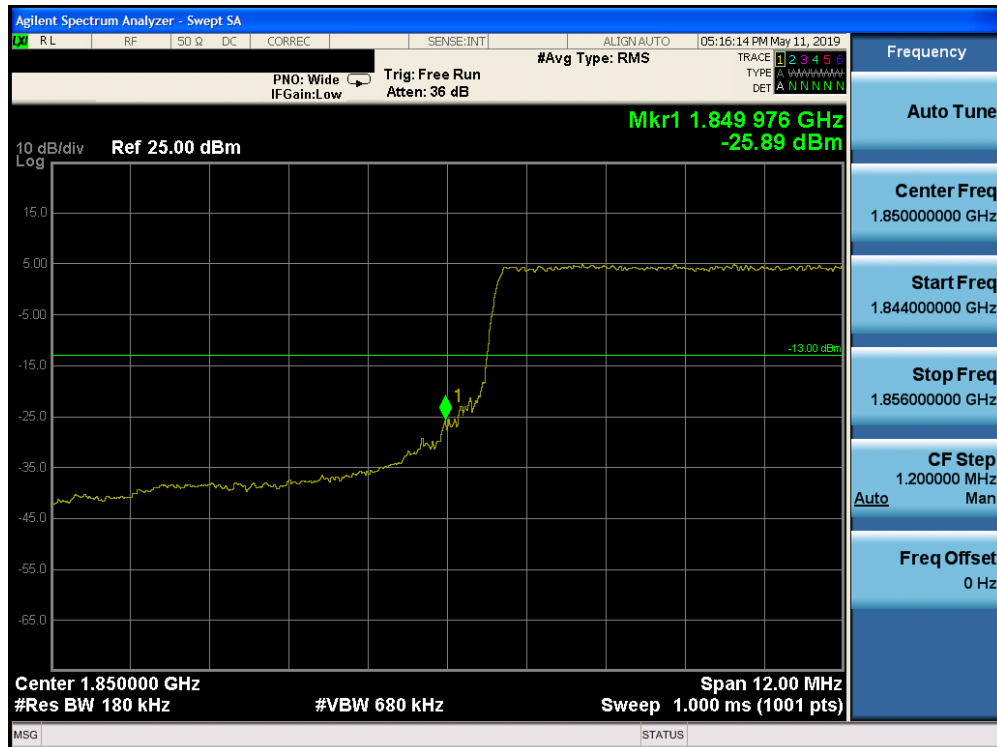


Plot 7-196. Upper Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

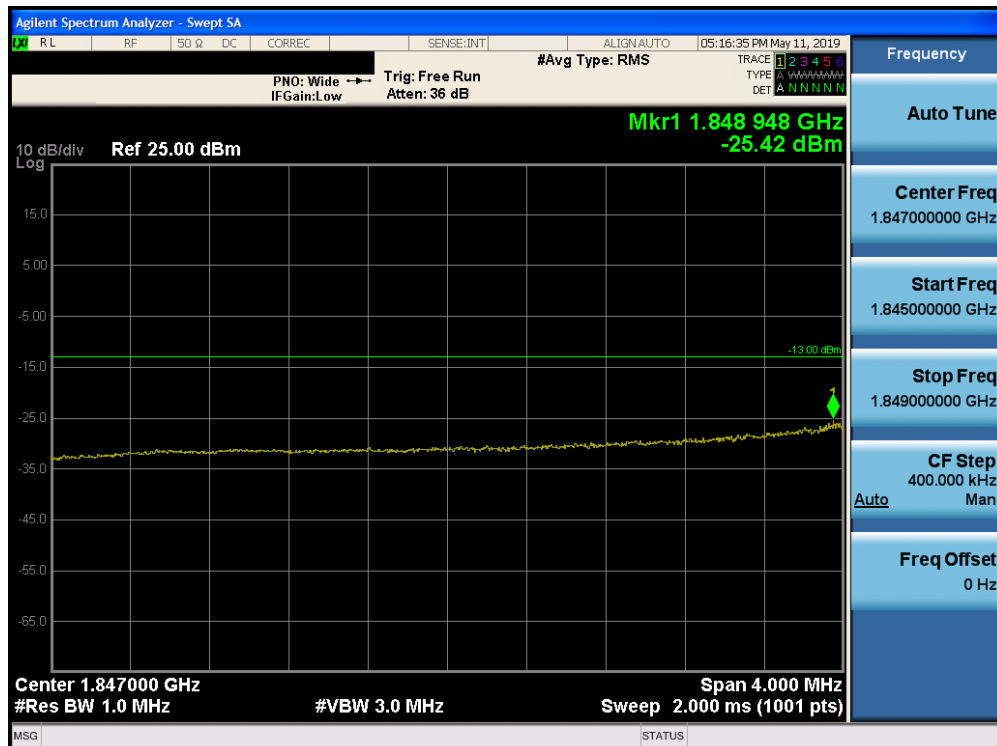


Plot 7-197. Upper Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 127 of 203                 |

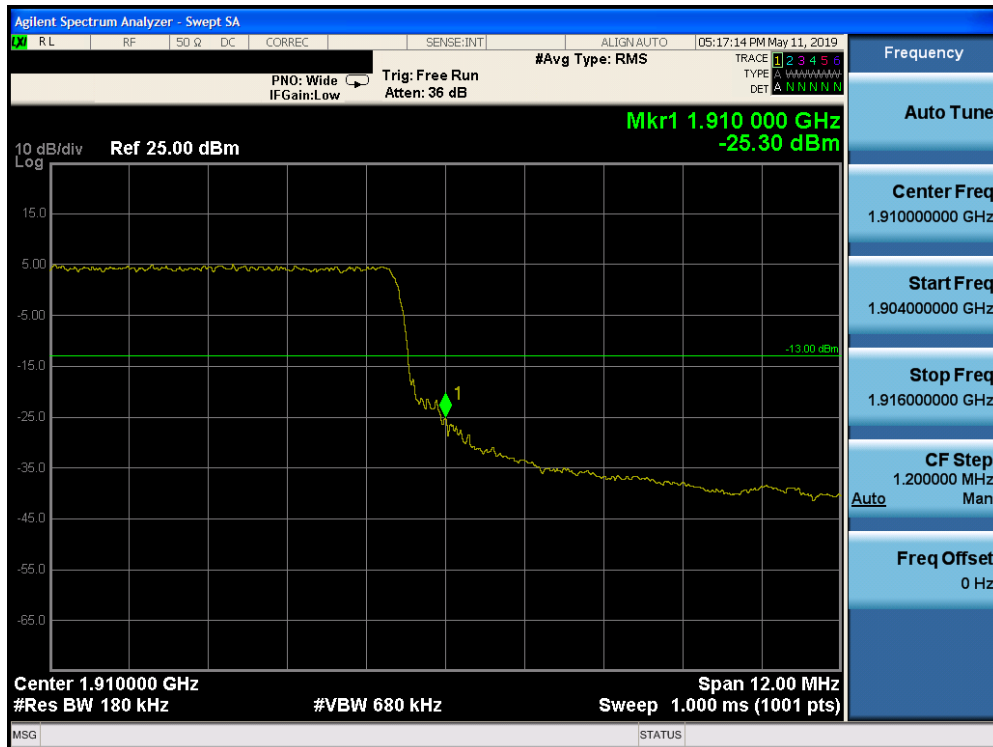


Plot 7-198. Lower Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

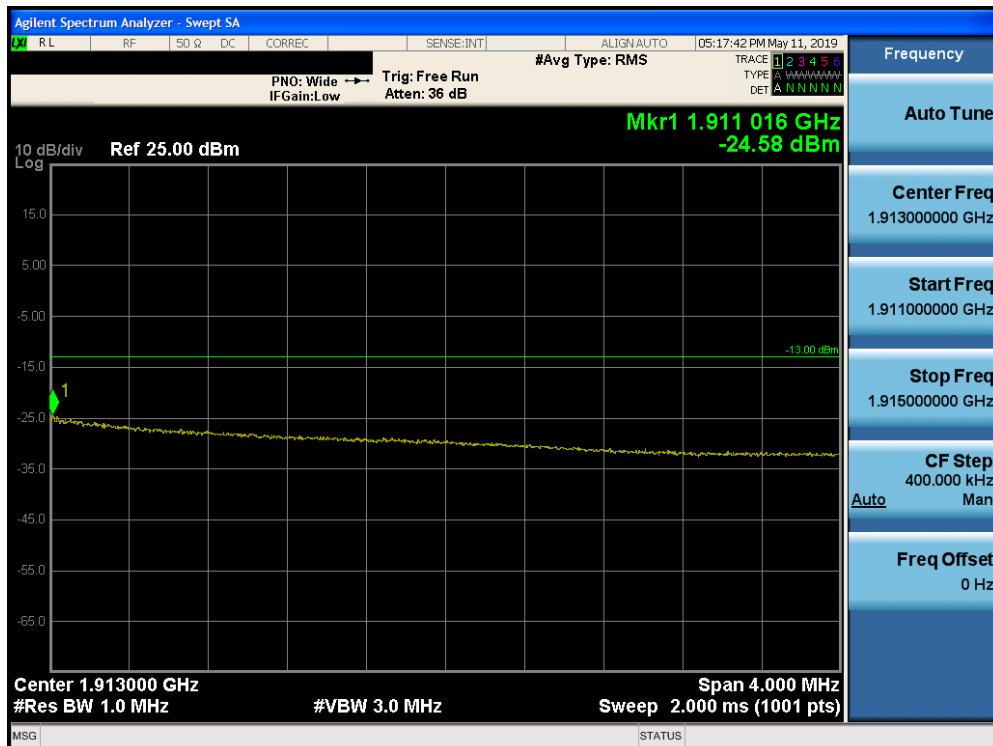


Plot 7-199. Lower Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                                                                                                                  |                    |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| 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 128 of 203                 |

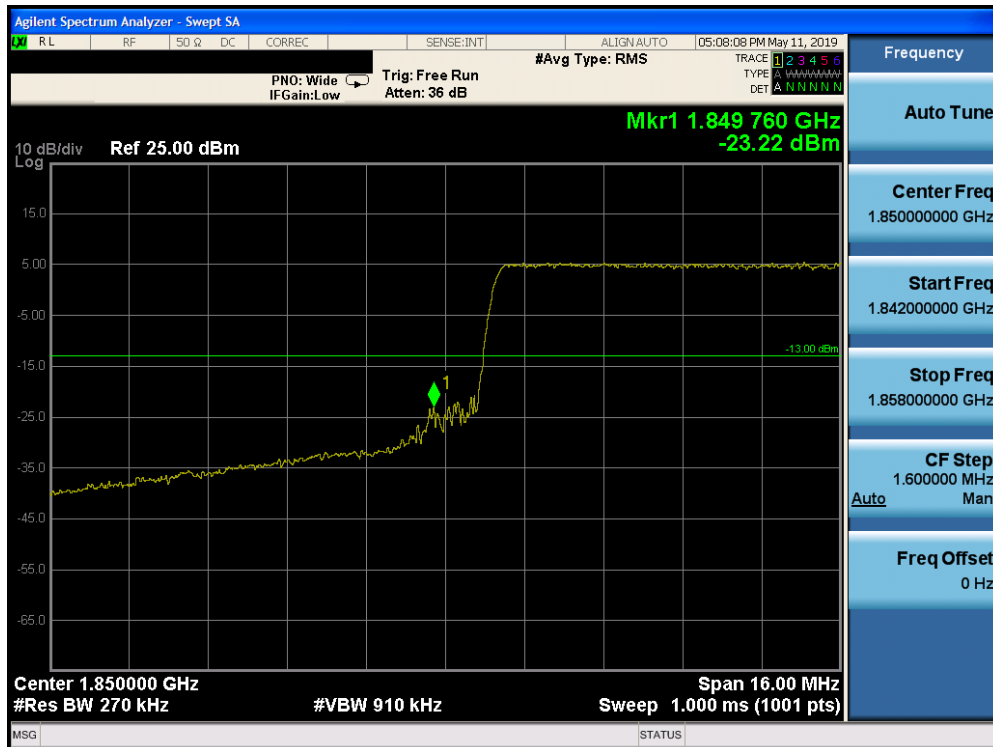


Plot 7-200. Upper Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

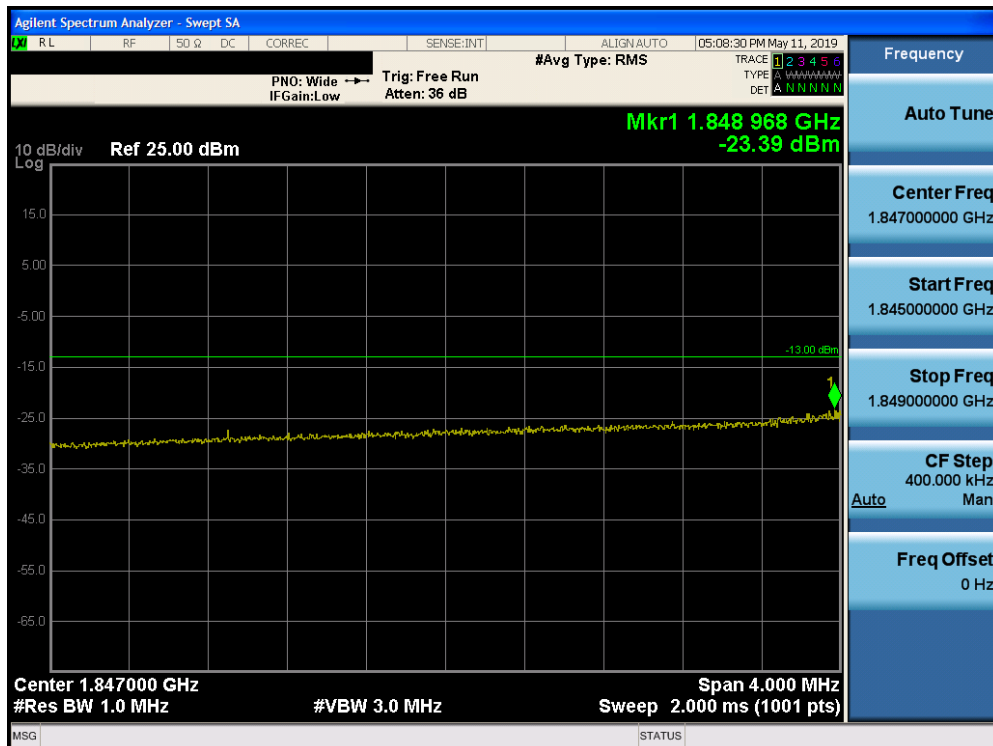


Plot 7-201. Upper Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 129 of 203                 |

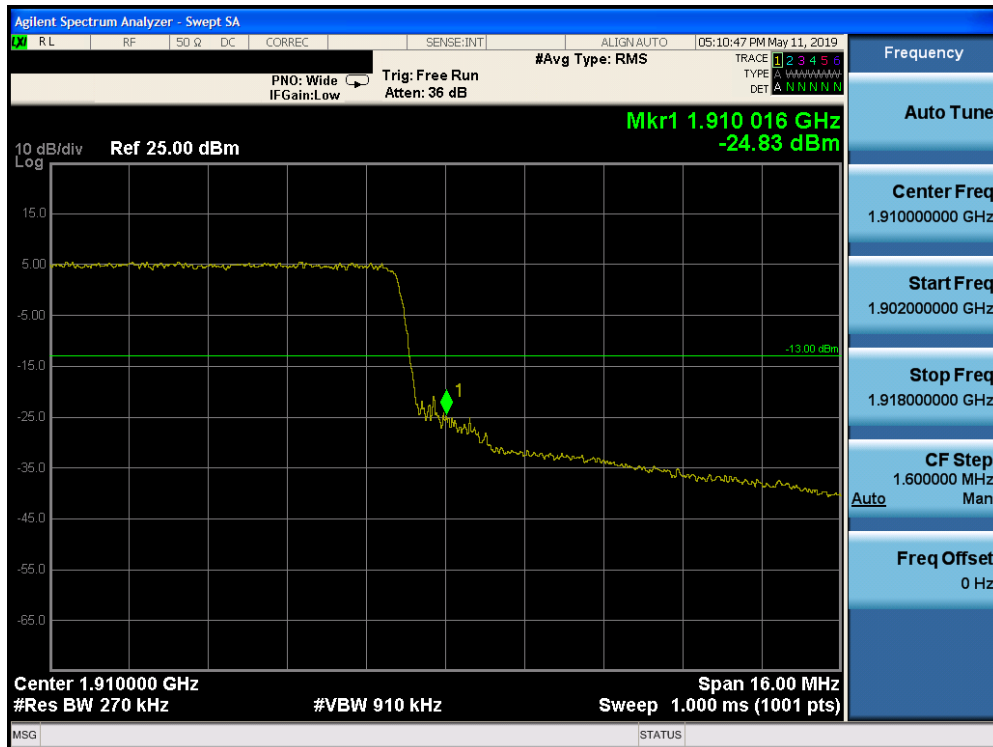


Plot 7-202. Lower Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

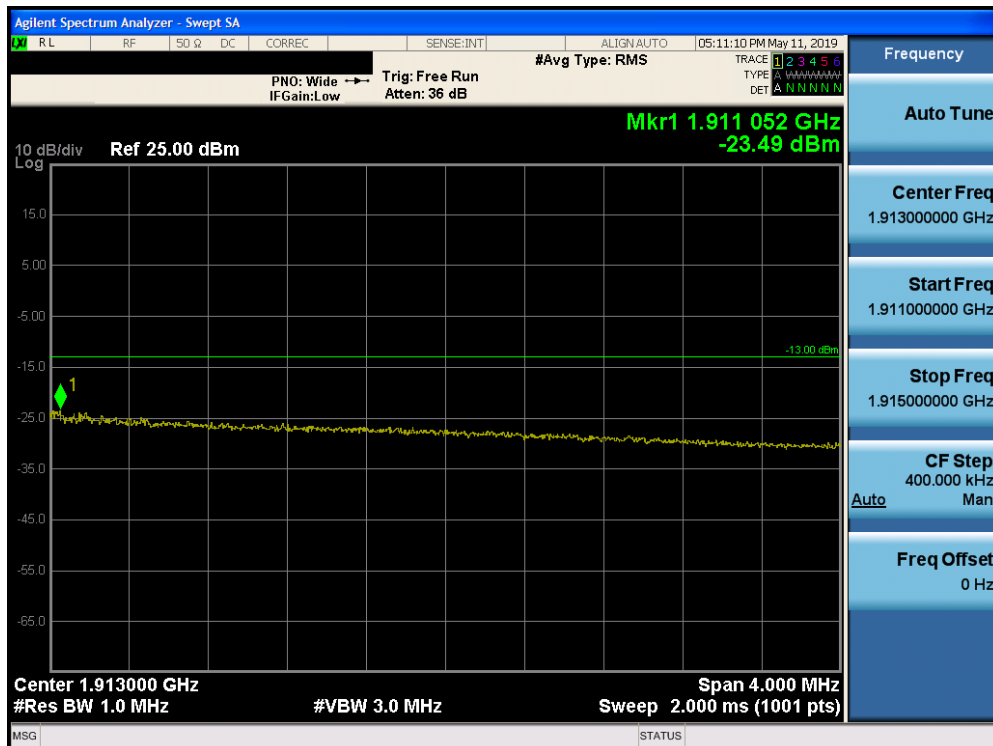


Plot 7-203. Lower Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 130 of 203                 |



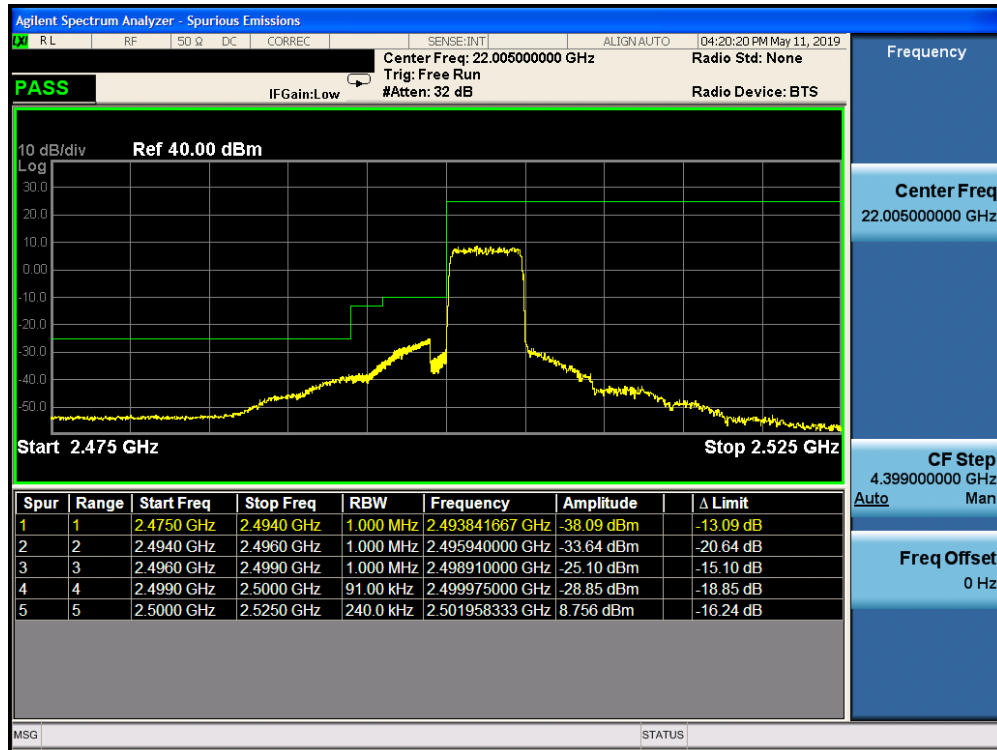
Plot 7-204. Upper Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)



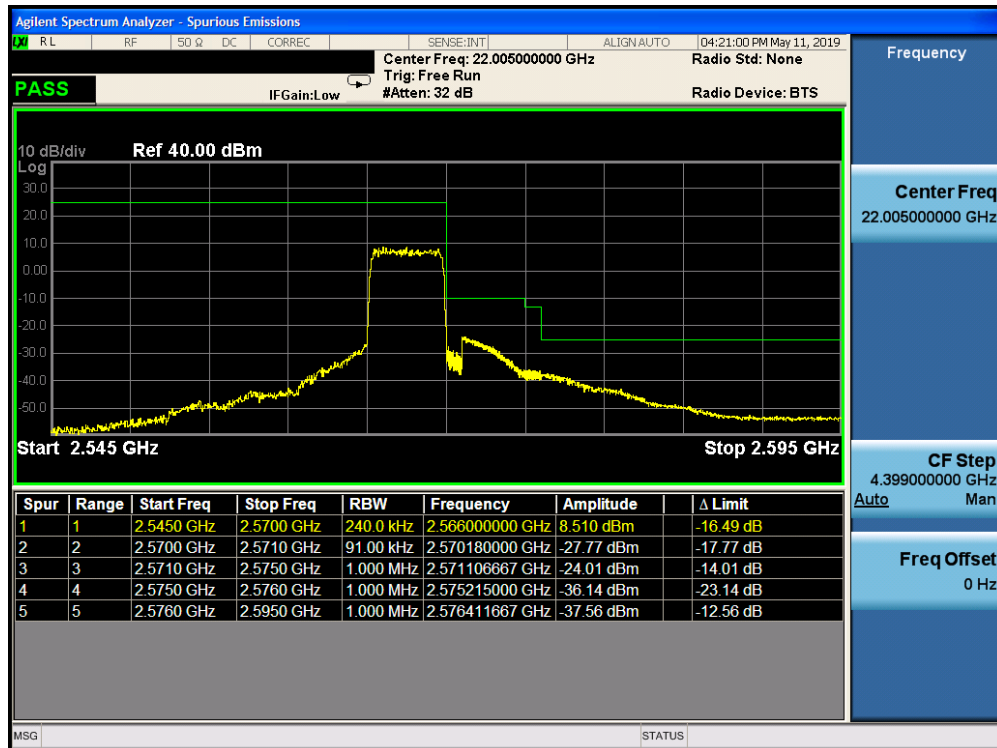
Plot 7-205. Upper Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 131 of 203                 |

## Band 7

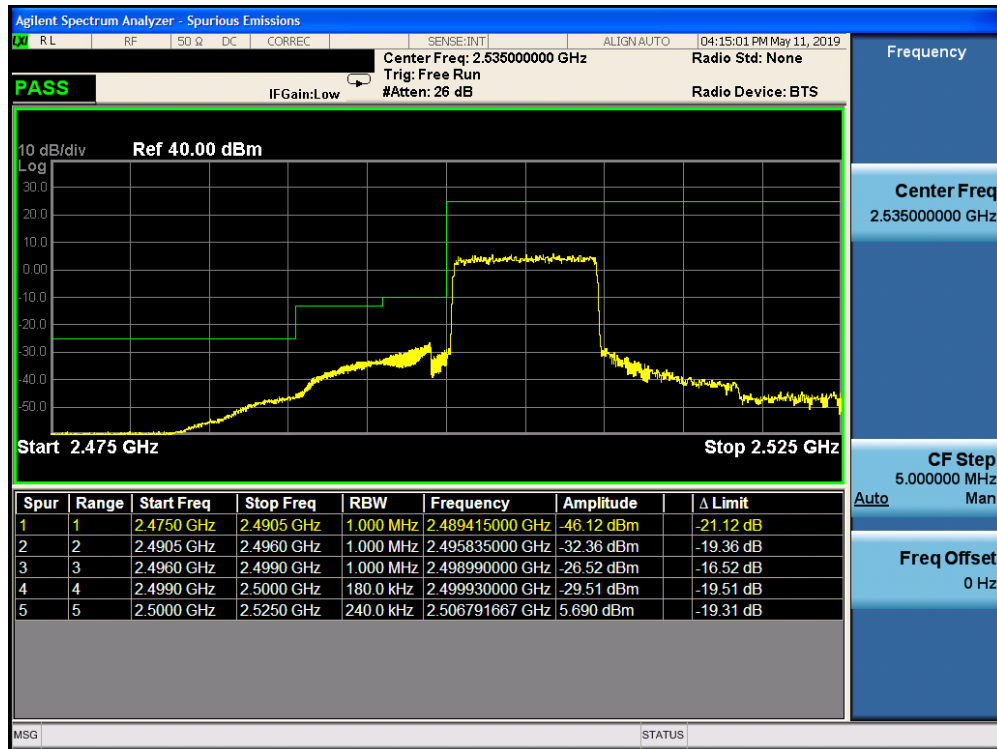


Plot 7-206. Lower ACP Plot (Band 7 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-207. Upper ACP Plot (Band 7 - 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 132 of 203                 |

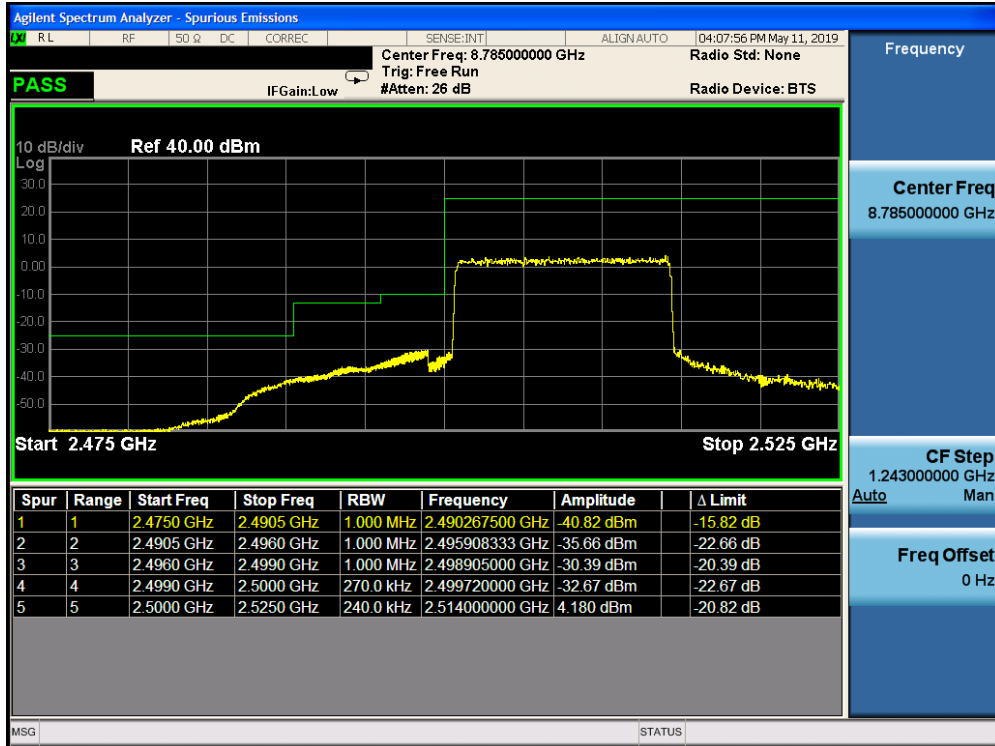


Plot 7-208. Lower ACP Plot (Band 7 - 10.0MHz QPSK - Full RB Configuration)

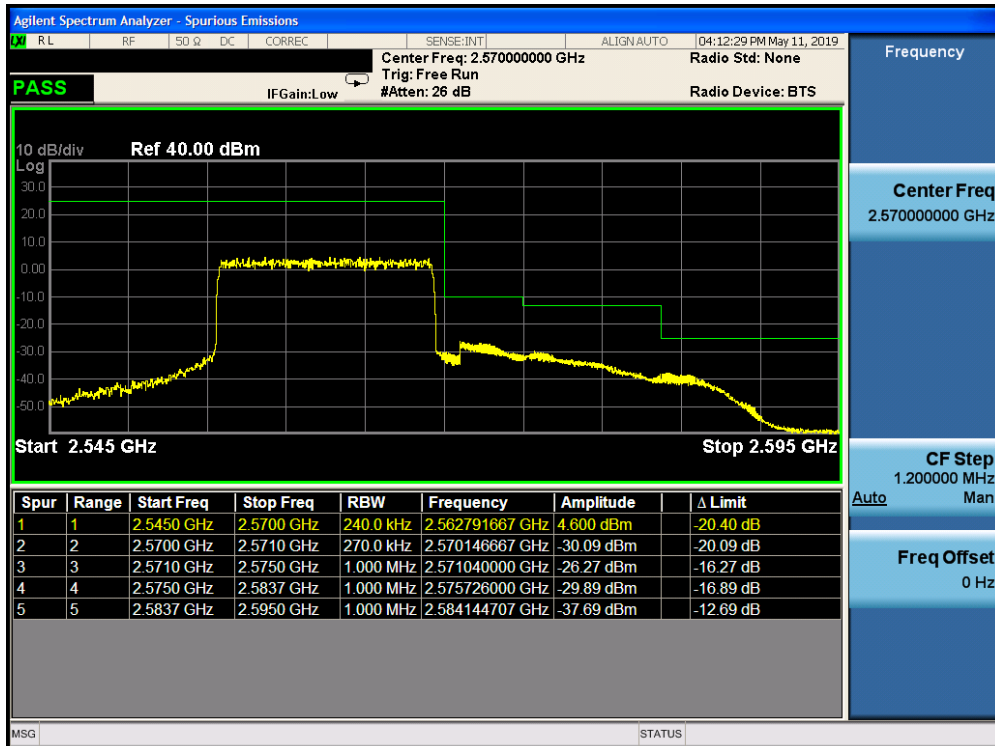


Plot 7-209. Upper ACP Plot (Band 7 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 133 of 203                 |

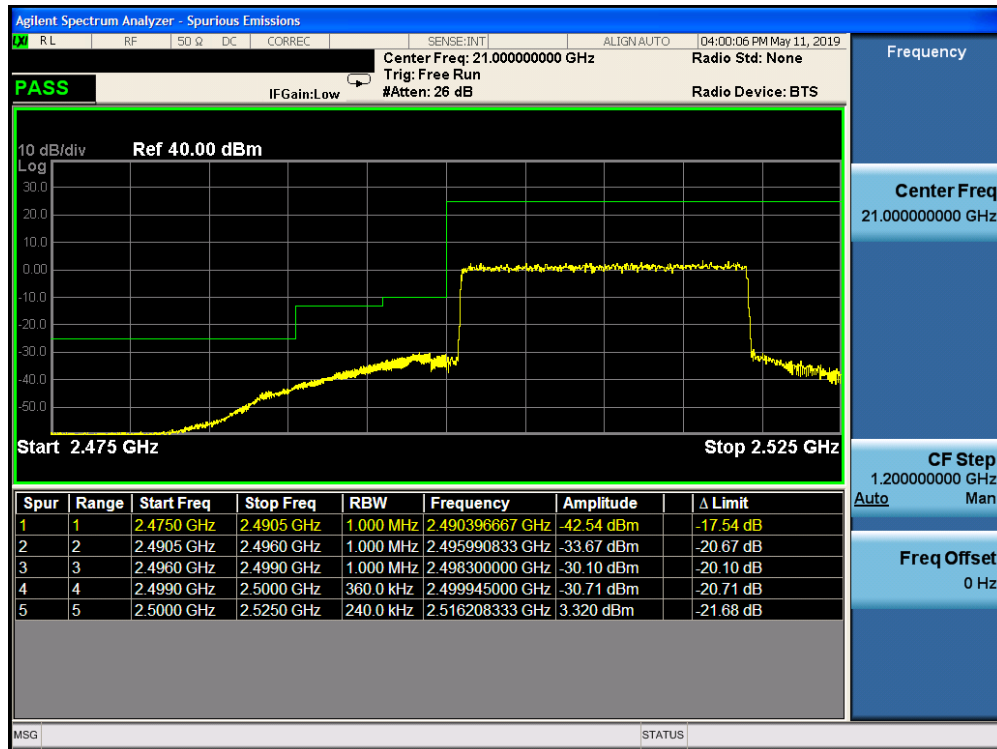


Plot 7-210. Lower ACP Plot (Band 7 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-211. Upper ACP Plot (Band 7 - 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 134 of 203                 |



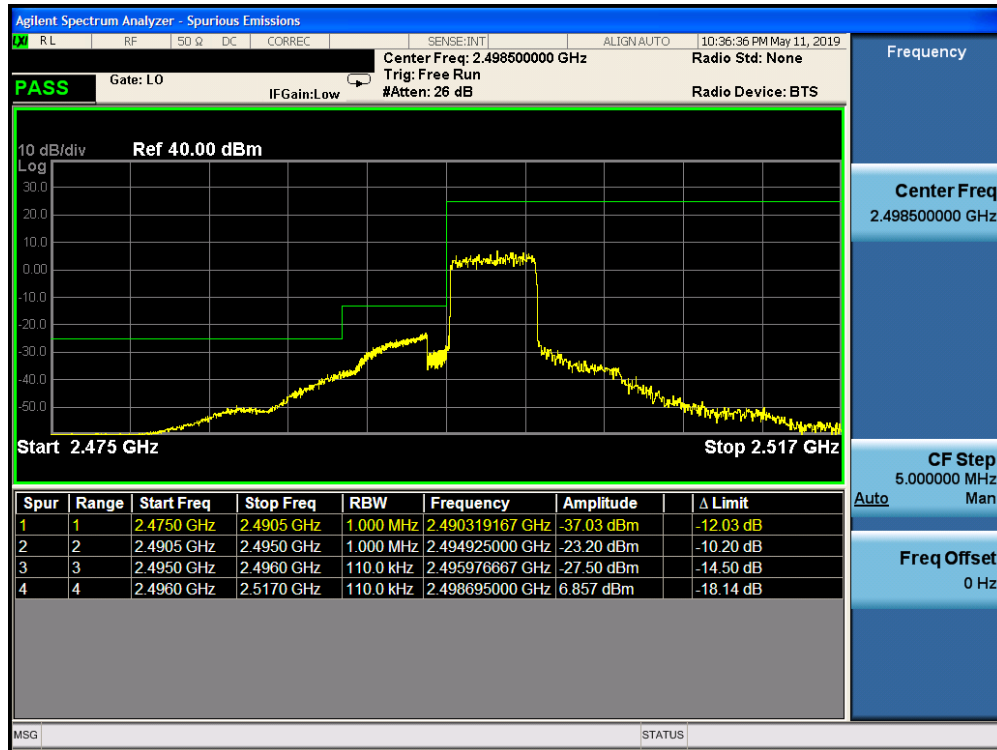
Plot 7-212. Lower ACP Plot (Band 7 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-213. Upper ACP Plot (Band 7 - 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 135 of 203                 |

## Band 41

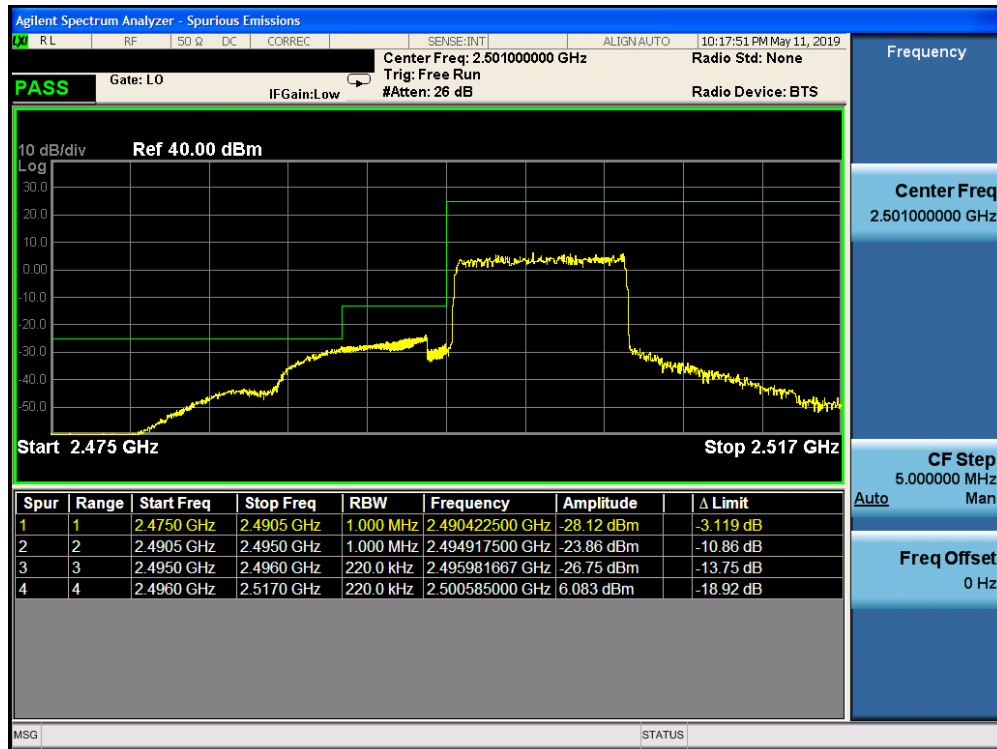


Plot 7-214. Lower ACP Plot (Band 41 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-215. Upper ACP Plot (Band 41 - 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 136 of 203                 |

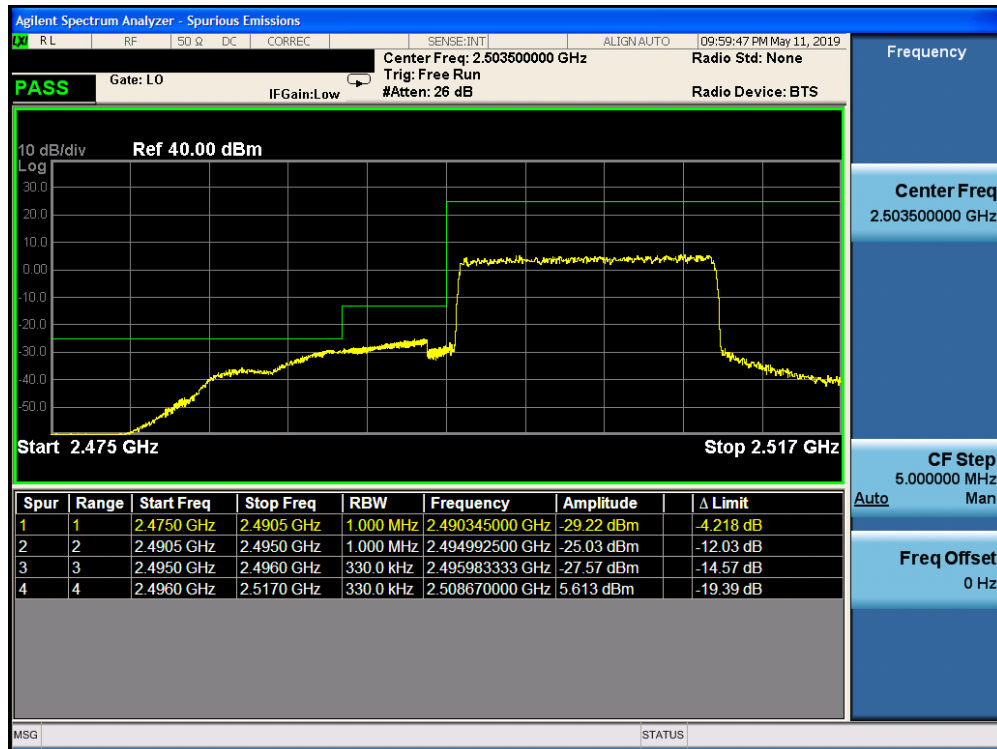


Plot 7-216. Lower ACP Plot (Band 41 - 10.0MHz QPSK - Full RB Configuration)

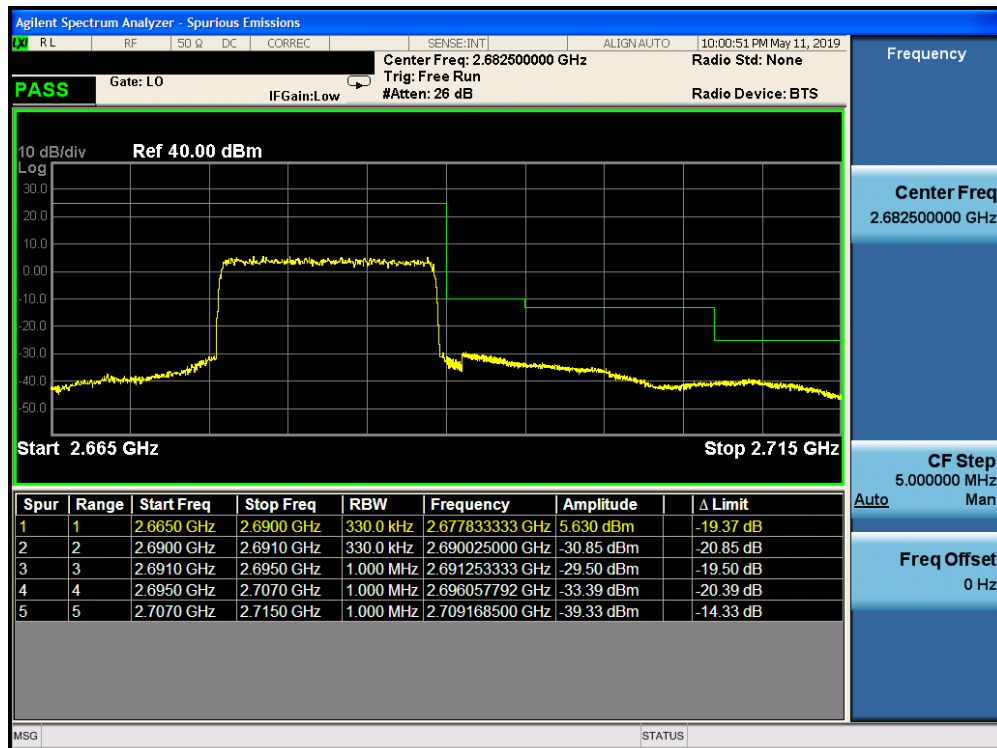


Plot 7-217. Upper ACP Plot (Band 41 - 10.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 137 of 203                 |

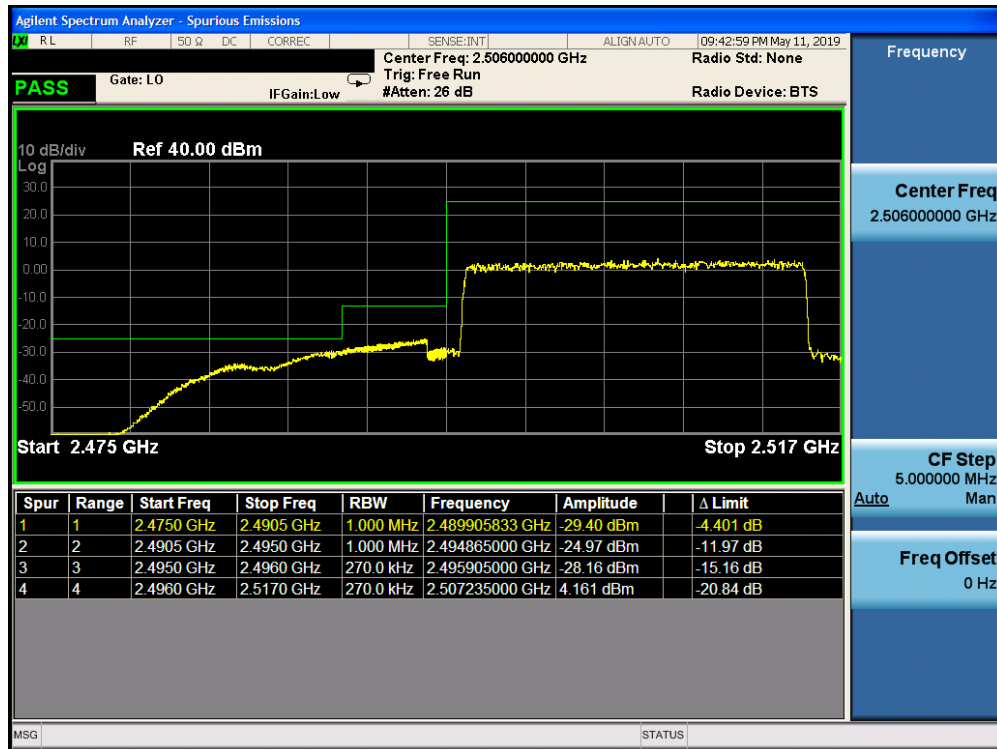


Plot 7-218. Lower ACP Plot (Band 41 - 15.0MHz QPSK - Full RB Configuration)

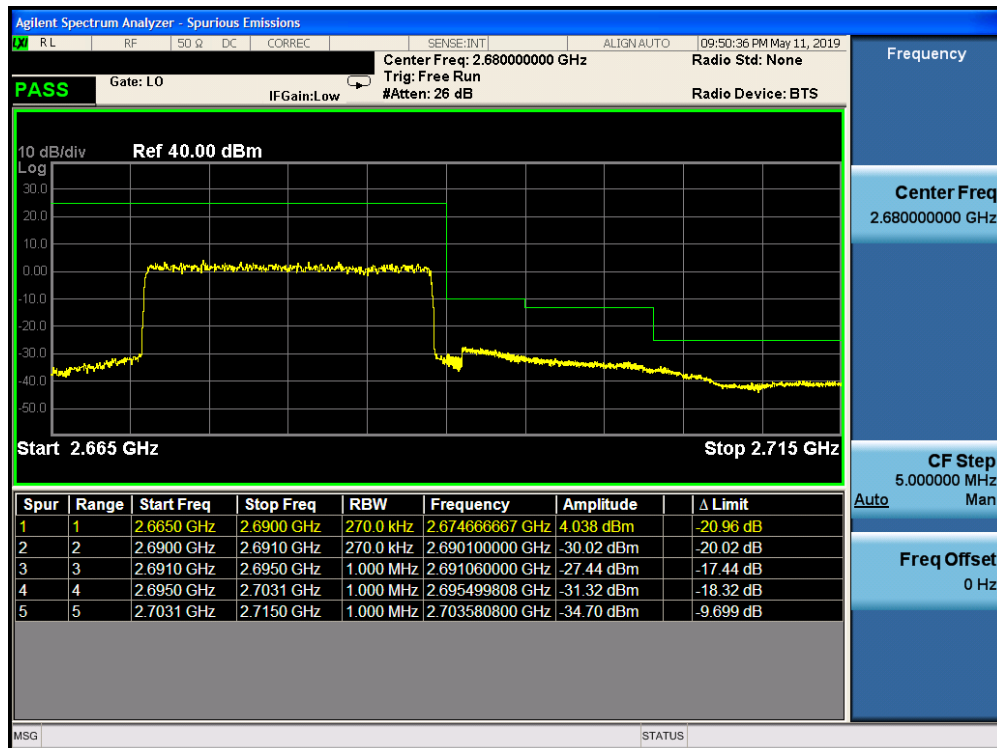


Plot 7-219. Upper ACP Plot (Band 41 - 15.0MHz QPSK - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 138 of 203                 |



Plot 7-220. Lower ACP Plot (Band 41 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-221. Upper ACP Plot (Band 41 - 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 139 of 203                 |

## 7.5 Peak-Average Ratio

### Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

### Test Procedure Used

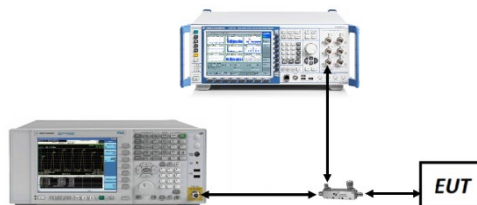
KDB 971168 D01 v03r01 – Section 5.7.1

### Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW  $\geq$  OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

### Test Setup

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



**Figure 7-4. Test Instrument & Measurement Setup**

### Test Notes

None.

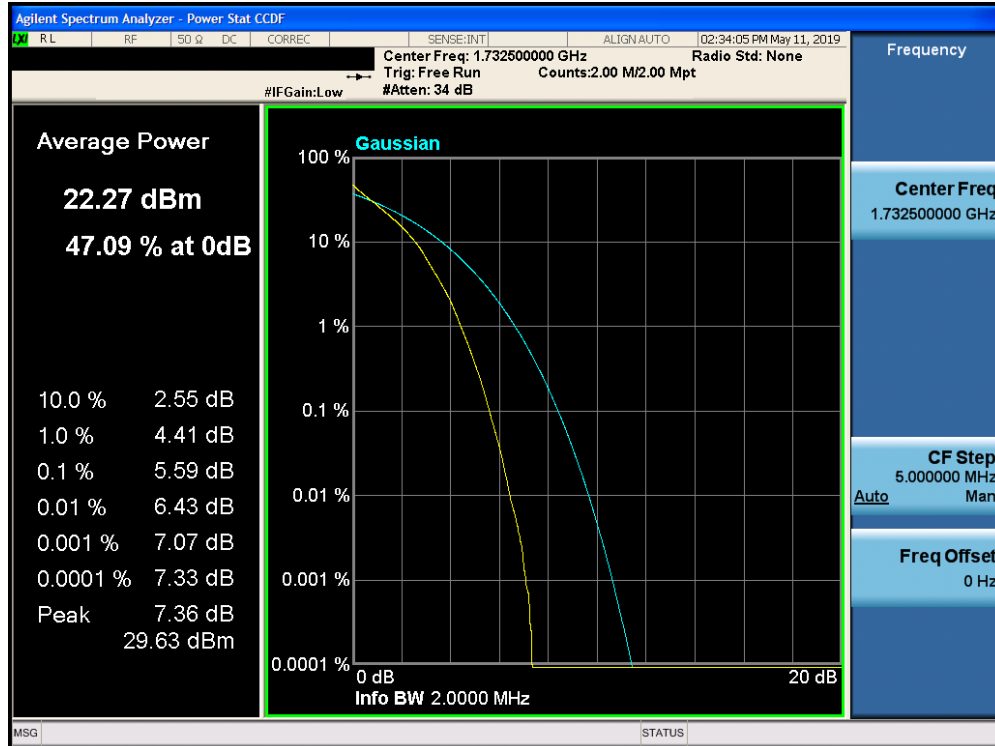
|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| 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 140 of 203                 |

| Mode        | BW (MHz) | Modulation | Average Power [dBm] | PAR at 0.1% [dB] | Limit [dB] | Margin [dB] |
|-------------|----------|------------|---------------------|------------------|------------|-------------|
| LTE Band 4  | 1.4      | QPSK       | 22.27               | 5.59             | 13         | -7.41       |
| LTE Band 4  | 1.4      | 16QAM      | 21.46               | 6.36             | 13         | -6.64       |
| LTE Band 4  | 3        | QPSK       | 22.22               | 5.73             | 13         | -7.27       |
| LTE Band 4  | 3        | 16QAM      | 21.38               | 6.47             | 13         | -6.53       |
| LTE Band 4  | 5        | QPSK       | 22.26               | 5.84             | 13         | -7.16       |
| LTE Band 4  | 5        | 16QAM      | 21.47               | 6.44             | 13         | -6.56       |
| LTE Band 4  | 10       | QPSK       | 22.21               | 5.63             | 13         | -7.37       |
| LTE Band 4  | 10       | 16QAM      | 21.49               | 6.29             | 13         | -6.71       |
| LTE Band 4  | 15       | QPSK       | 23.11               | 3.38             | 13         | -9.62       |
| LTE Band 4  | 15       | 16QAM      | 21.40               | 6.34             | 13         | -6.66       |
| LTE Band 4  | 20       | QPSK       | 22.40               | 5.58             | 13         | -7.42       |
| LTE Band 4  | 20       | 16QAM      | 21.42               | 6.36             | 13         | -6.64       |
| LTE Band 66 | 1.4      | QPSK       | 22.74               | 5.73             | 13         | -7.27       |
| LTE Band 66 | 1.4      | 16QAM      | 21.96               | 6.35             | 13         | -6.65       |
| LTE Band 66 | 3        | QPSK       | 22.79               | 5.85             | 13         | -7.15       |
| LTE Band 66 | 3        | 16QAM      | 21.97               | 6.47             | 13         | -6.53       |
| LTE Band 66 | 5        | QPSK       | 22.79               | 5.86             | 13         | -7.14       |
| LTE Band 66 | 5        | 16QAM      | 21.99               | 6.42             | 13         | -6.58       |
| LTE Band 66 | 10       | QPSK       | 22.77               | 5.69             | 13         | -7.31       |
| LTE Band 66 | 10       | 16QAM      | 22.05               | 6.30             | 13         | -6.70       |
| LTE Band 66 | 15       | QPSK       | 22.73               | 5.98             | 13         | -7.02       |
| LTE Band 66 | 15       | 16QAM      | 21.94               | 6.25             | 13         | -6.75       |
| LTE Band 66 | 20       | QPSK       | 22.27               | 5.71             | 13         | -7.29       |
| LTE Band 66 | 20       | 16QAM      | 21.40               | 6.25             | 13         | -6.75       |
| LTE Band 2  | 1.4      | QPSK       | 22.58               | 5.72             | 13         | -7.28       |
| LTE Band 2  | 1.4      | 16QAM      | 21.83               | 6.46             | 13         | -6.54       |
| LTE Band 2  | 3        | QPSK       | 22.60               | 5.65             | 13         | -7.35       |
| LTE Band 2  | 3        | 16QAM      | 21.78               | 6.43             | 13         | -6.57       |
| LTE Band 2  | 5        | QPSK       | 22.62               | 5.85             | 13         | -7.15       |
| LTE Band 2  | 5        | 16QAM      | 21.83               | 6.43             | 13         | -6.57       |
| LTE Band 2  | 10       | QPSK       | 22.60               | 5.61             | 13         | -7.39       |
| LTE Band 2  | 10       | 16QAM      | 21.83               | 6.31             | 13         | -6.69       |
| LTE Band 2  | 15       | QPSK       | 22.52               | 5.97             | 13         | -7.03       |
| LTE Band 2  | 15       | 16QAM      | 21.75               | 6.27             | 13         | -6.73       |
| LTE Band 2  | 20       | QPSK       | 22.68               | 5.69             | 13         | -7.31       |
| LTE Band 2  | 20       | 16QAM      | 21.76               | 6.27             | 13         | -6.73       |
| LTE Band 25 | 1.4      | QPSK       | 22.80               | 5.74             | 13         | -7.26       |
| LTE Band 25 | 1.4      | 16QAM      | 21.94               | 6.49             | 13         | -6.51       |
| LTE Band 25 | 3        | QPSK       | 22.78               | 5.68             | 13         | -7.32       |
| LTE Band 25 | 3        | 16QAM      | 21.89               | 6.48             | 13         | -6.52       |
| LTE Band 25 | 5        | QPSK       | 22.72               | 5.78             | 13         | -7.22       |
| LTE Band 25 | 5        | 16QAM      | 21.93               | 6.45             | 13         | -6.55       |
| LTE Band 25 | 10       | QPSK       | 22.77               | 5.68             | 13         | -7.32       |
| LTE Band 25 | 10       | 16QAM      | 21.99               | 6.28             | 13         | -6.72       |
| LTE Band 25 | 15       | QPSK       | 22.72               | 5.99             | 13         | -7.01       |
| LTE Band 25 | 15       | 16QAM      | 21.88               | 6.30             | 13         | -6.70       |
| LTE Band 25 | 20       | QPSK       | 22.80               | 5.67             | 13         | -7.33       |
| LTE Band 25 | 20       | 16QAM      | 21.85               | 6.26             | 13         | -6.74       |

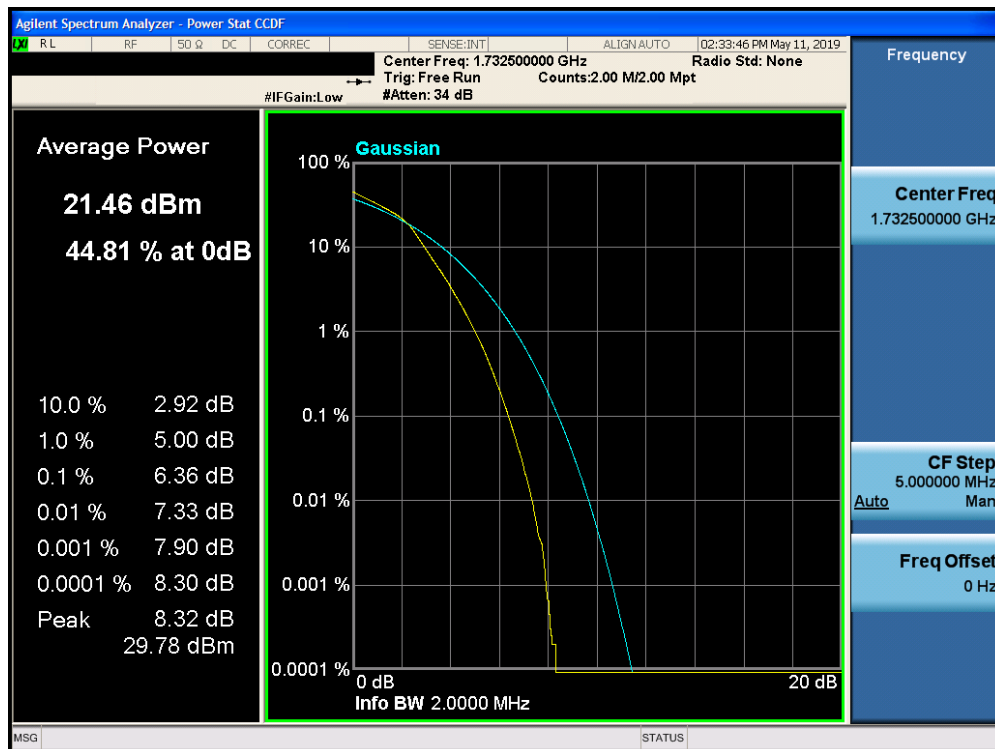
Table 7-6. PAR Results

|                                         |                                                                                                                                   |                    |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| 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 141 of 203                 |

## Band 4

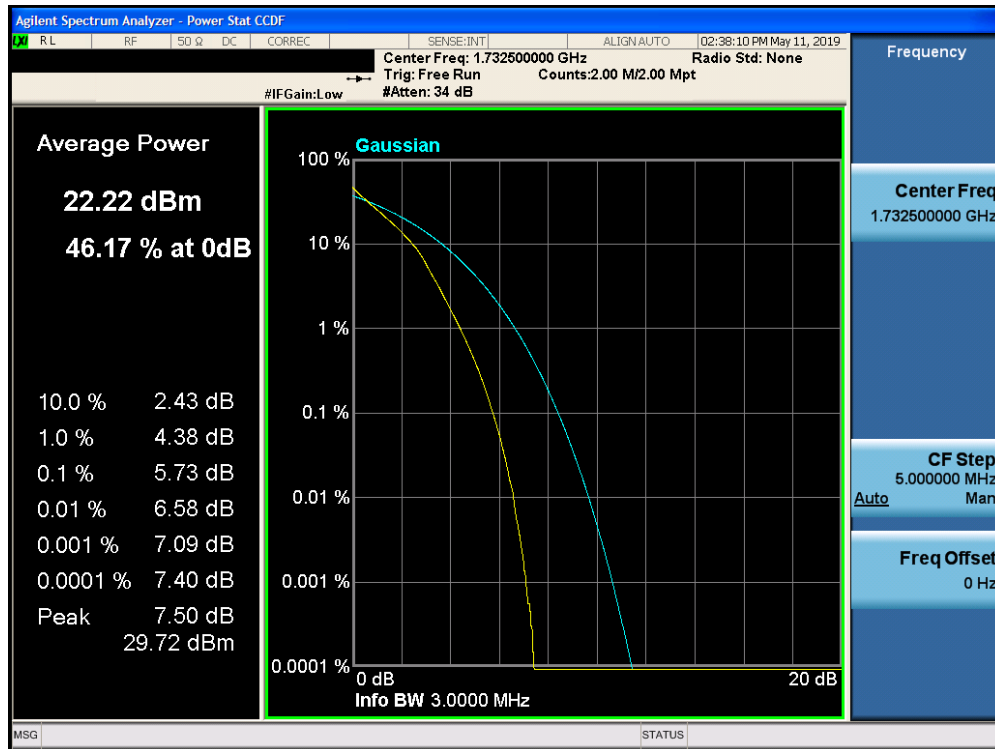


Plot 7-222. PAR Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

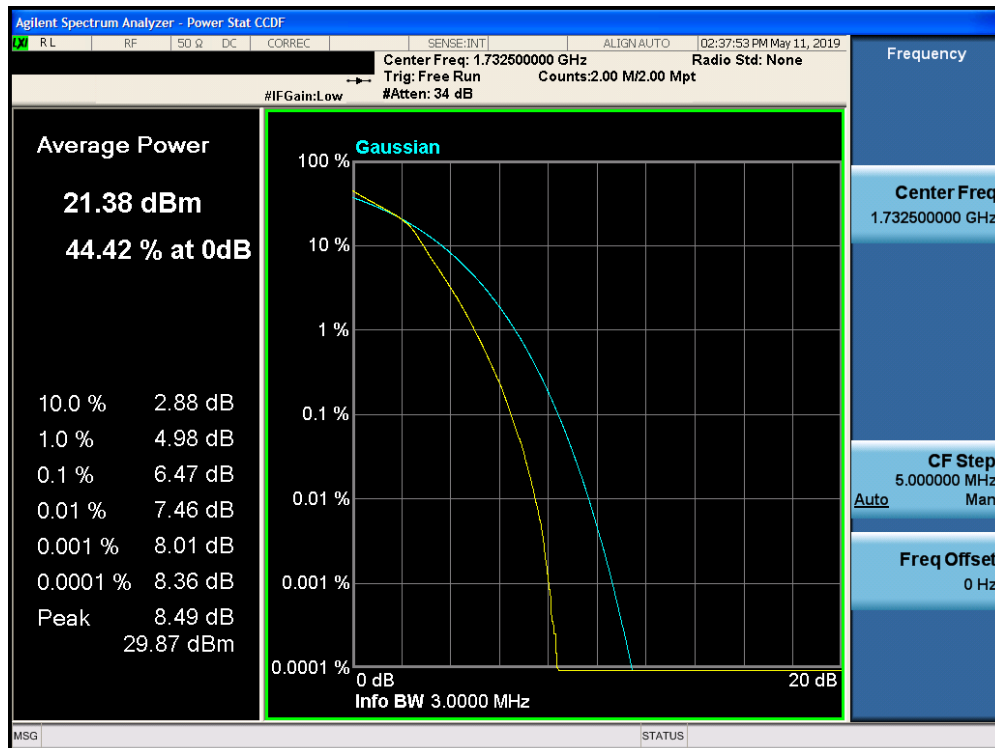


Plot 7-223. PAR Plot (Band 4 - 1.4MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 142 of 203                 |

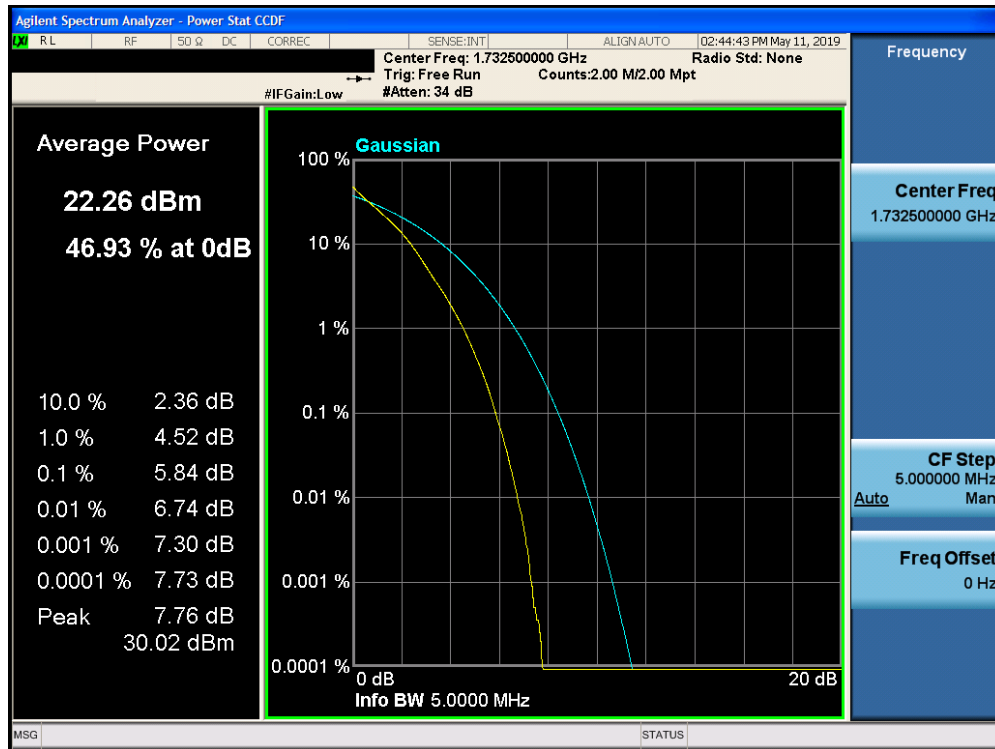


Plot 7-224. PAR Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

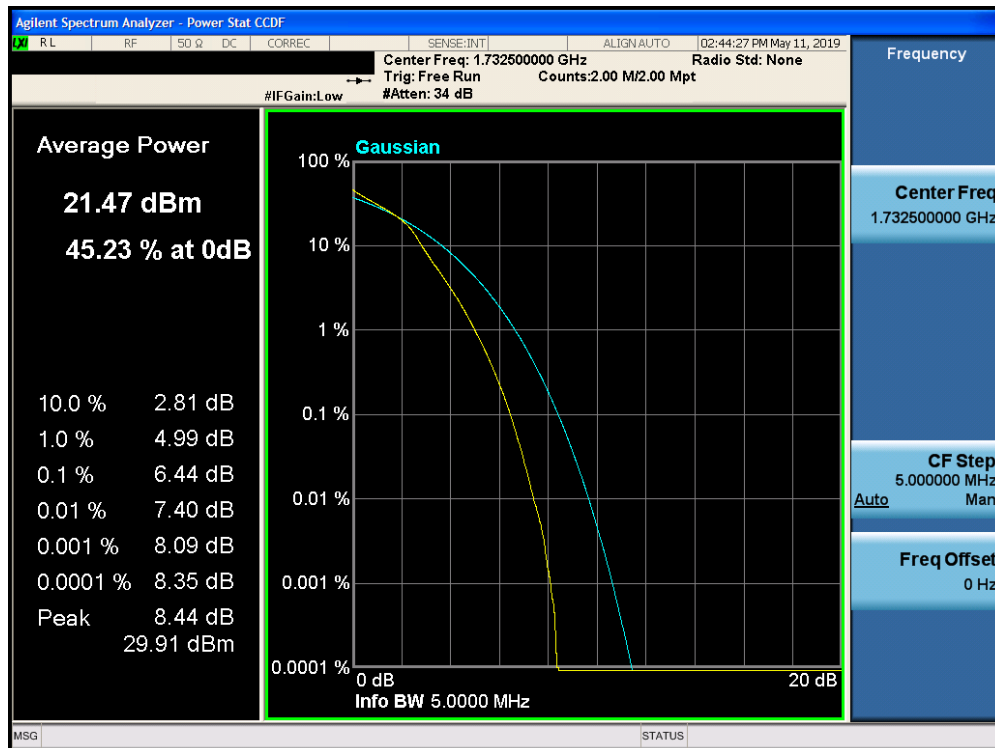


Plot 7-225. PAR Plot (Band 4 - 3.0MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 143 of 203                 |

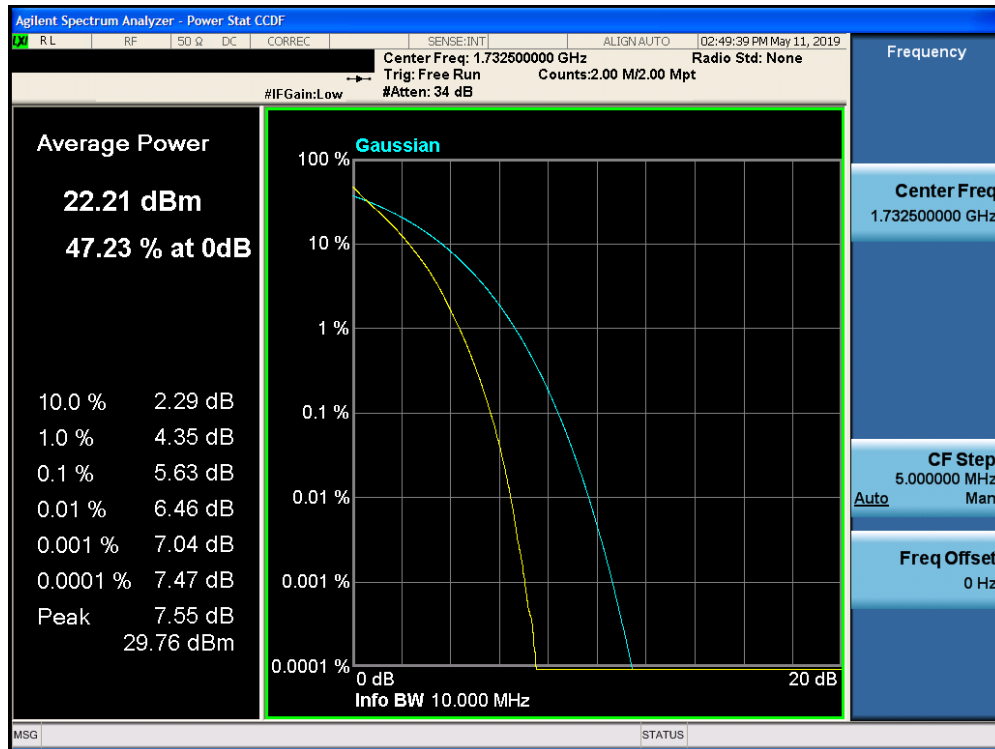


Plot 7-226. PAR Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

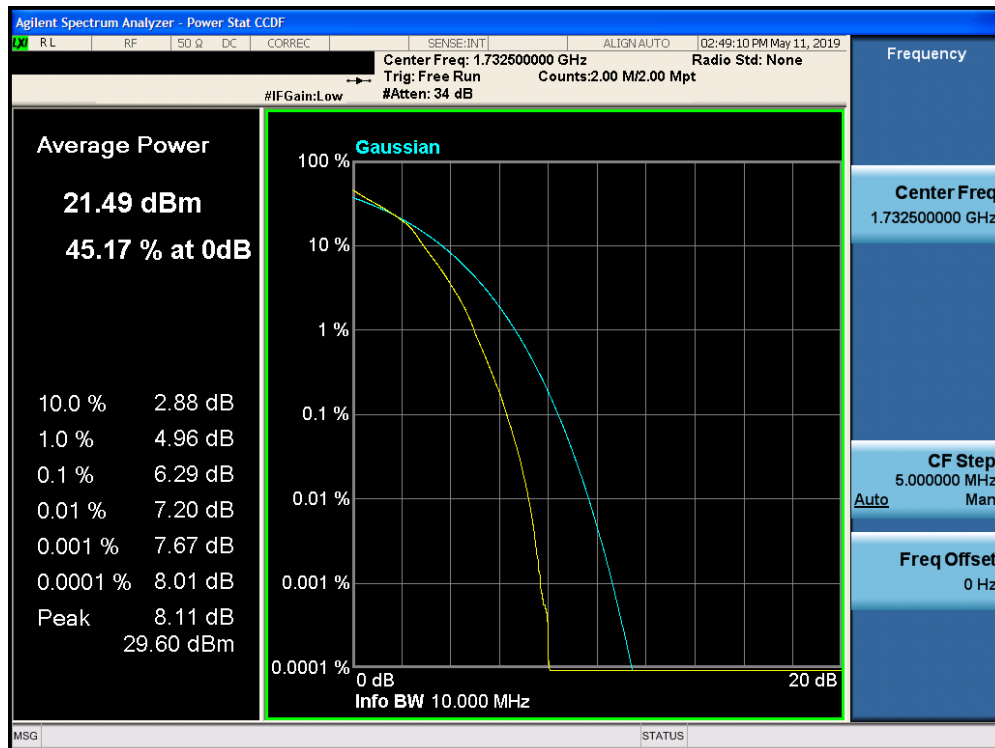


Plot 7-227. PAR Plot (Band 4 - 5.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 144 of 203                 |

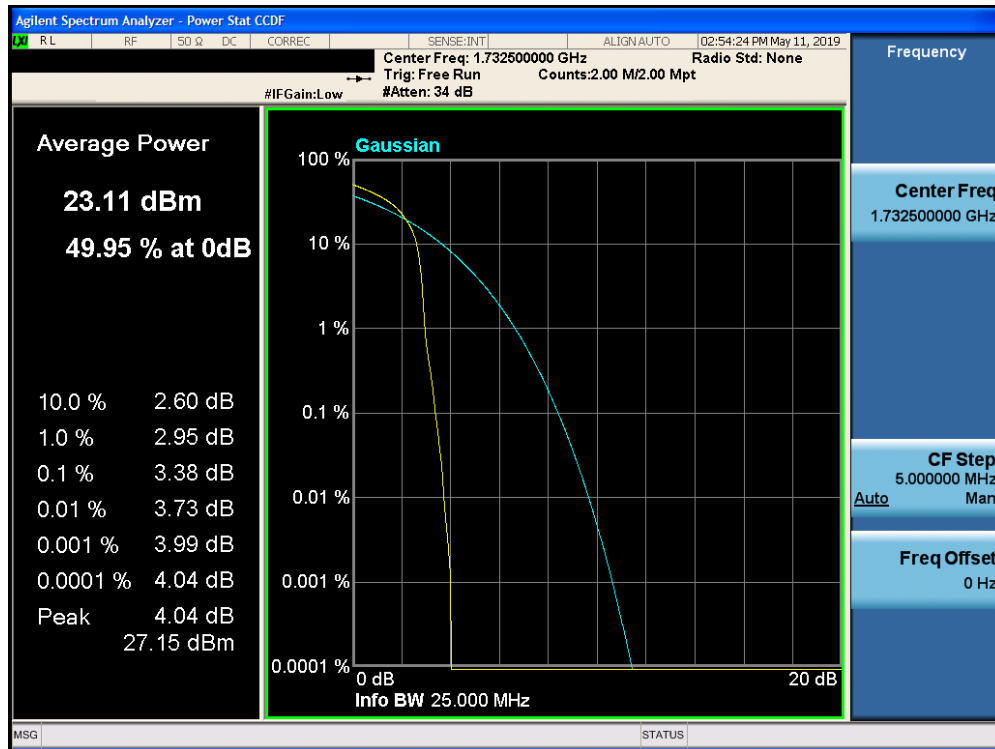


Plot 7-228. PAR Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

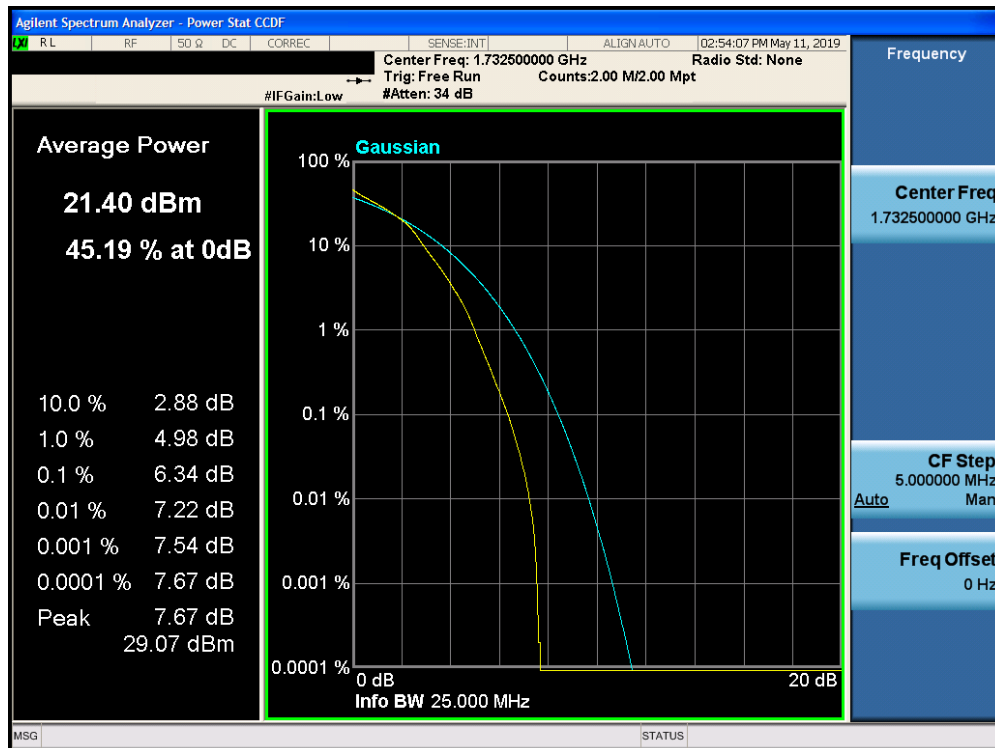


Plot 7-229. PAR Plot (Band 4 - 10.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 145 of 203                 |

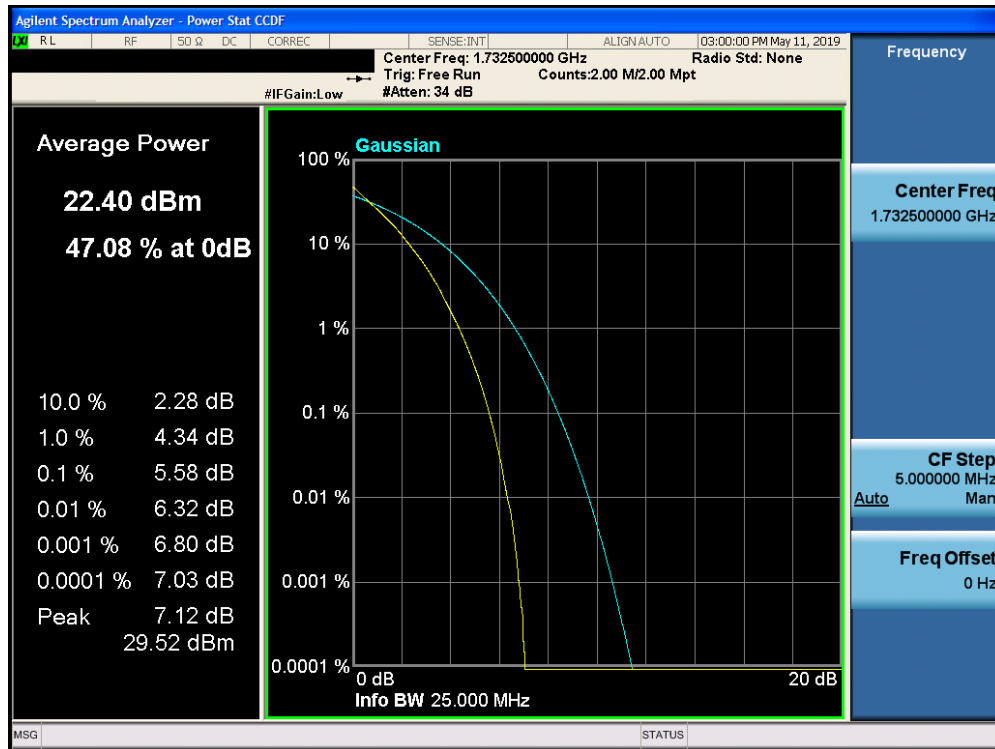


Plot 7-230. PAR Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

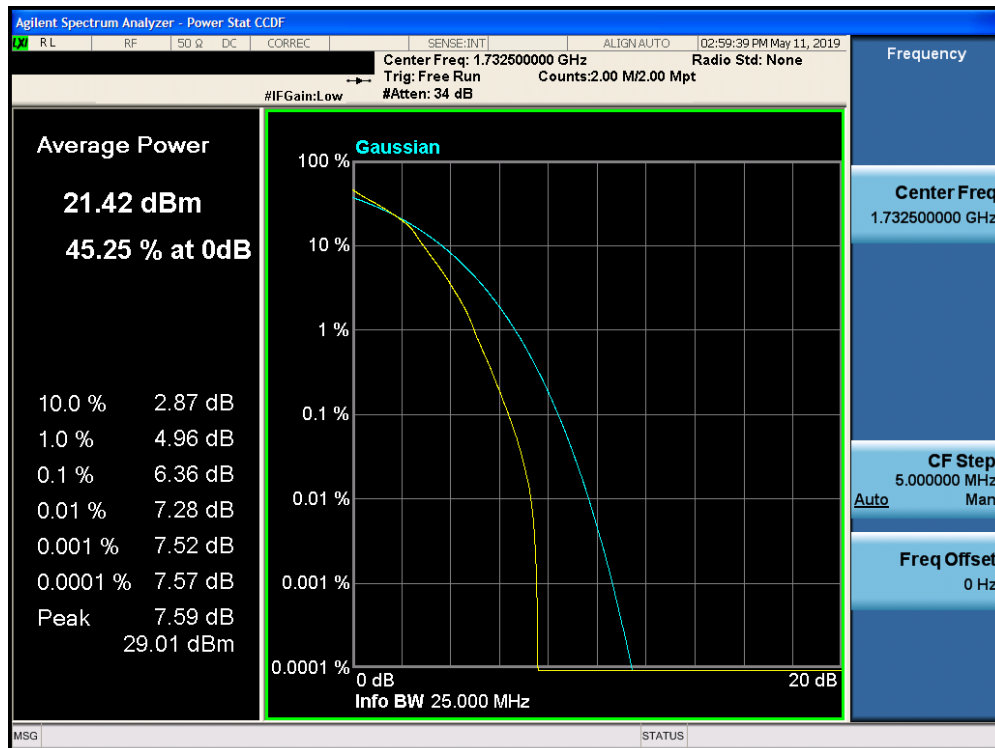


Plot 7-231. PAR Plot (Band 4 - 15.0MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 146 of 203                 |



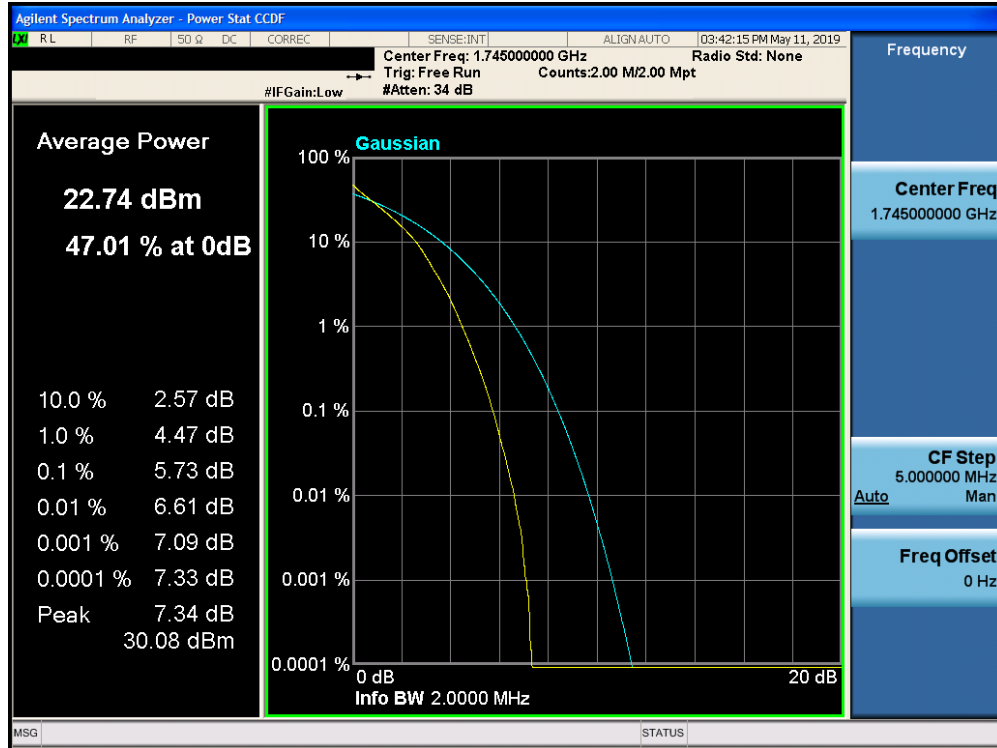
Plot 7-232. PAR Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)



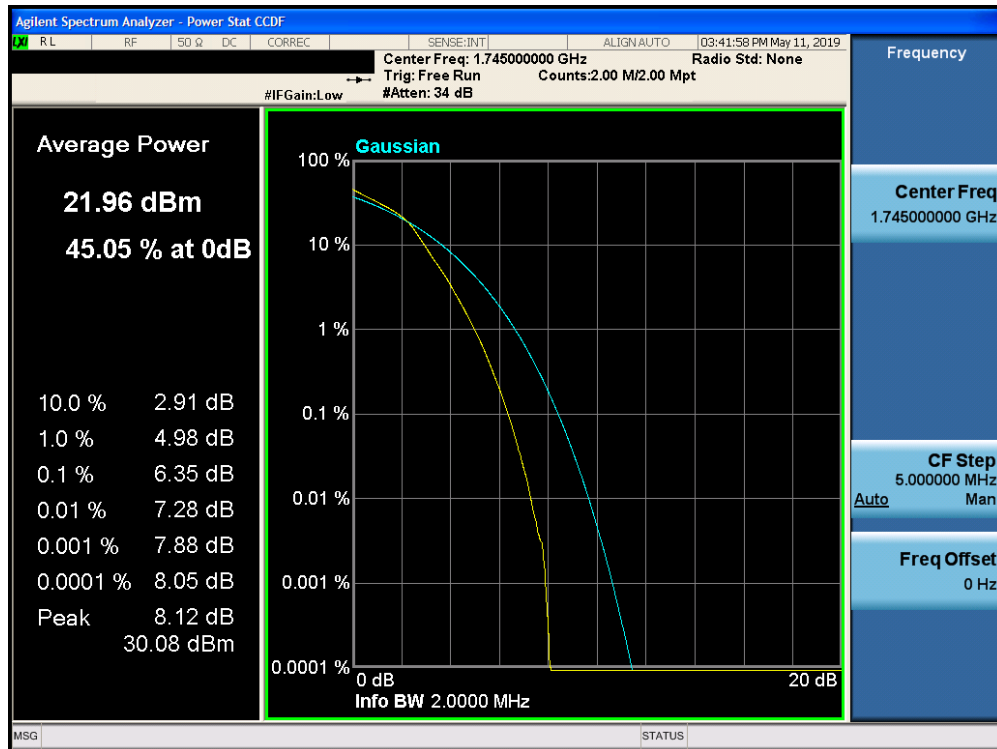
Plot 7-233. PAR Plot (Band 4 - 20.0MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 147 of 203                 |

## Band 66

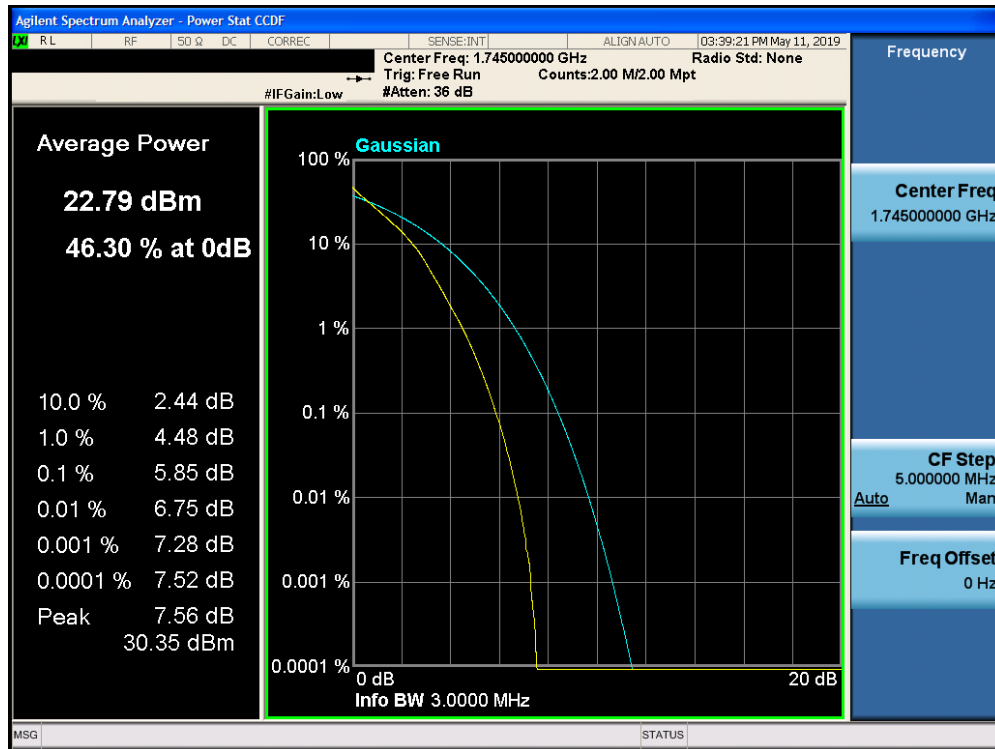


Plot 7-234. PAR Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

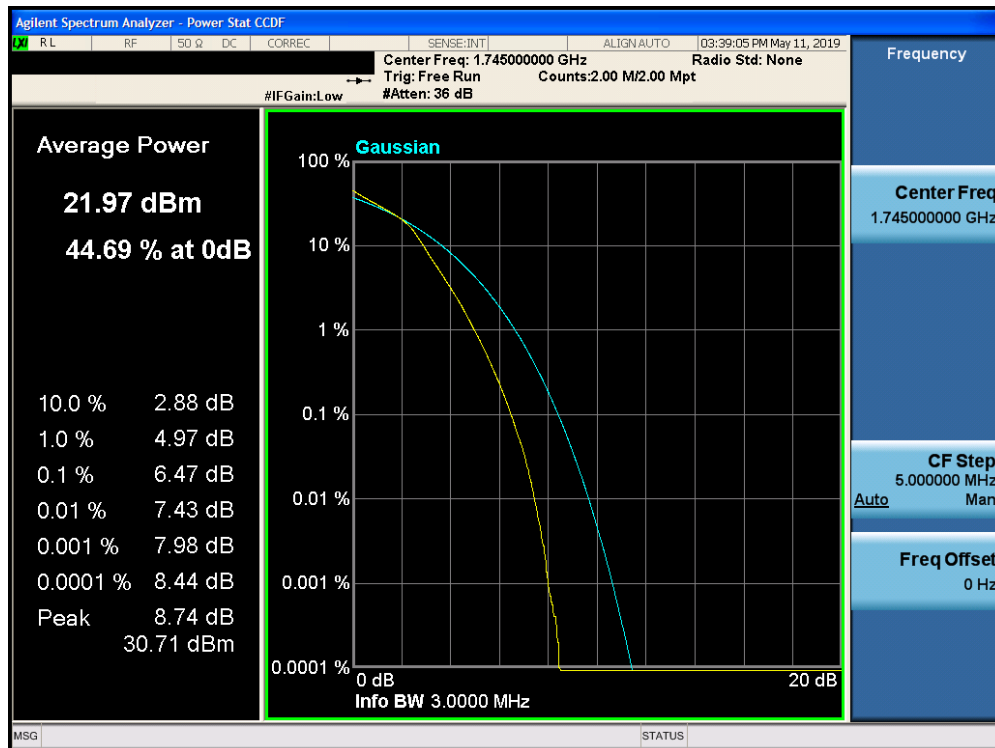


Plot 7-235. PAR Plot (Band 66 - 1.4MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 148 of 203                 |

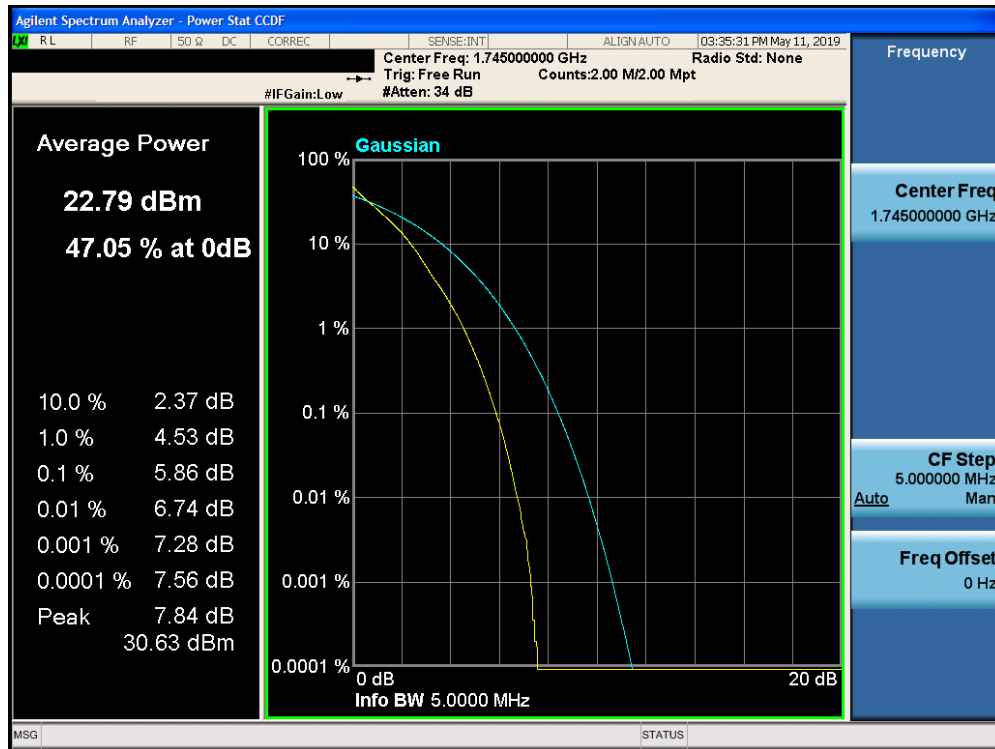


Plot 7-236. PAR Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

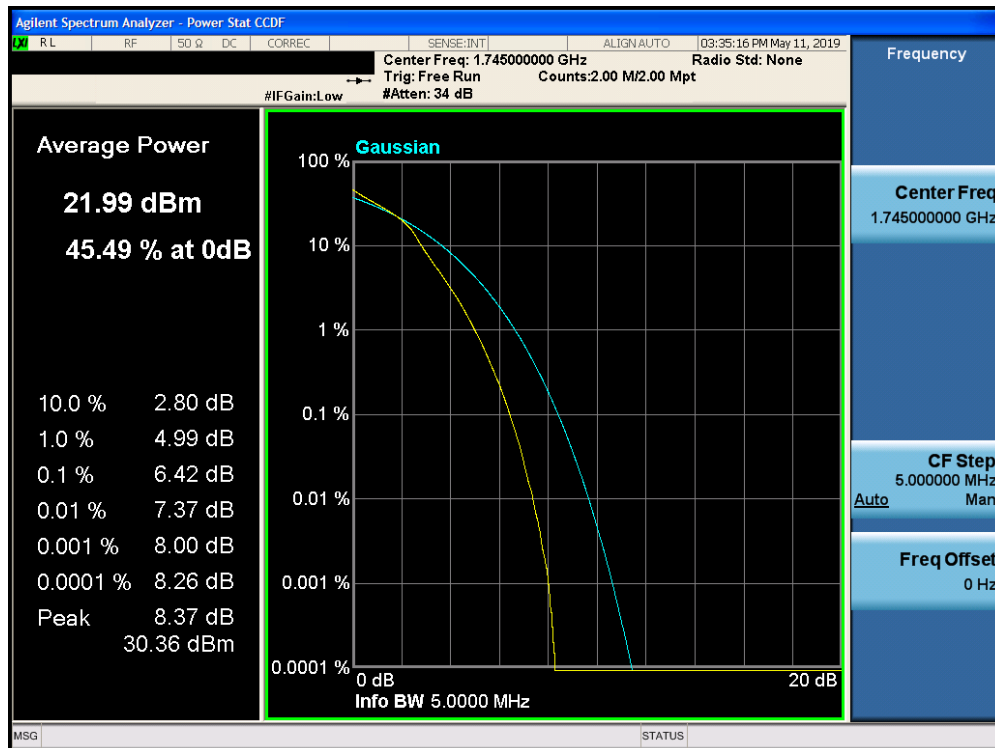


Plot 7-237. PAR Plot (Band 66 - 3.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 149 of 203                 |

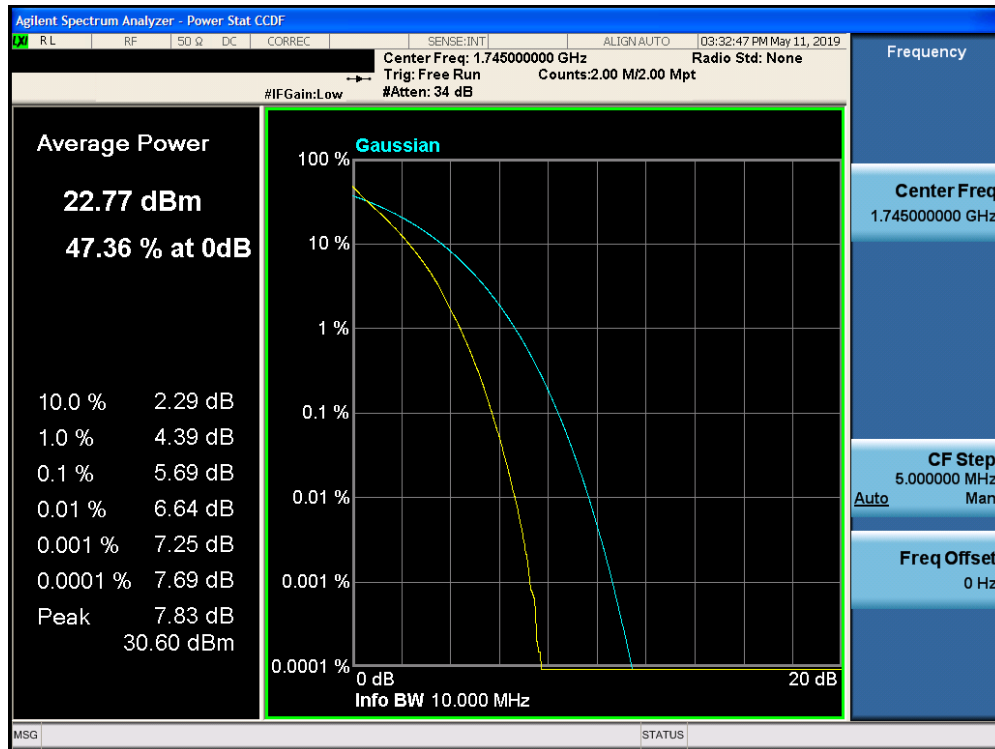


Plot 7-238. PAR Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

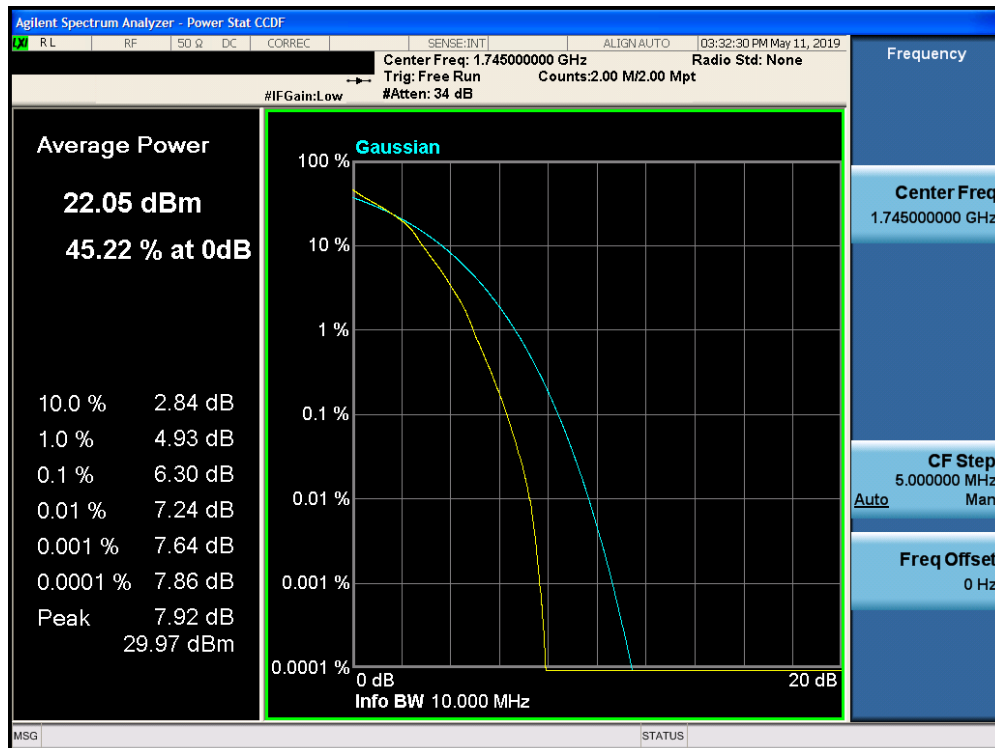


Plot 7-239. PAR Plot (Band 66 - 5.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 150 of 203                 |

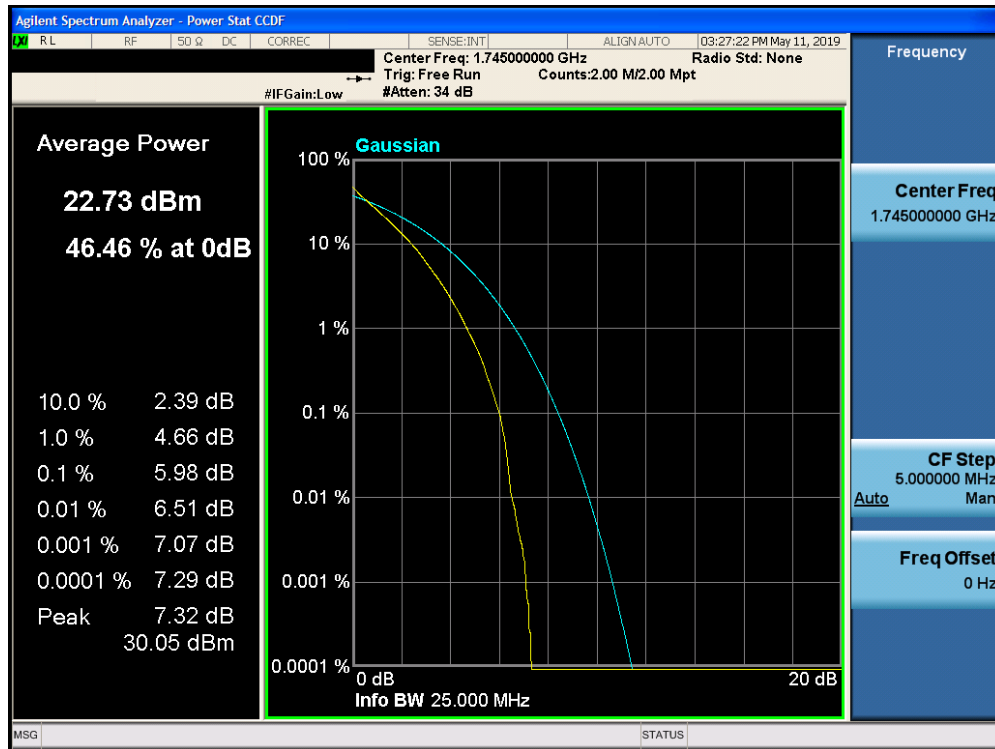


Plot 7-240. PAR Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

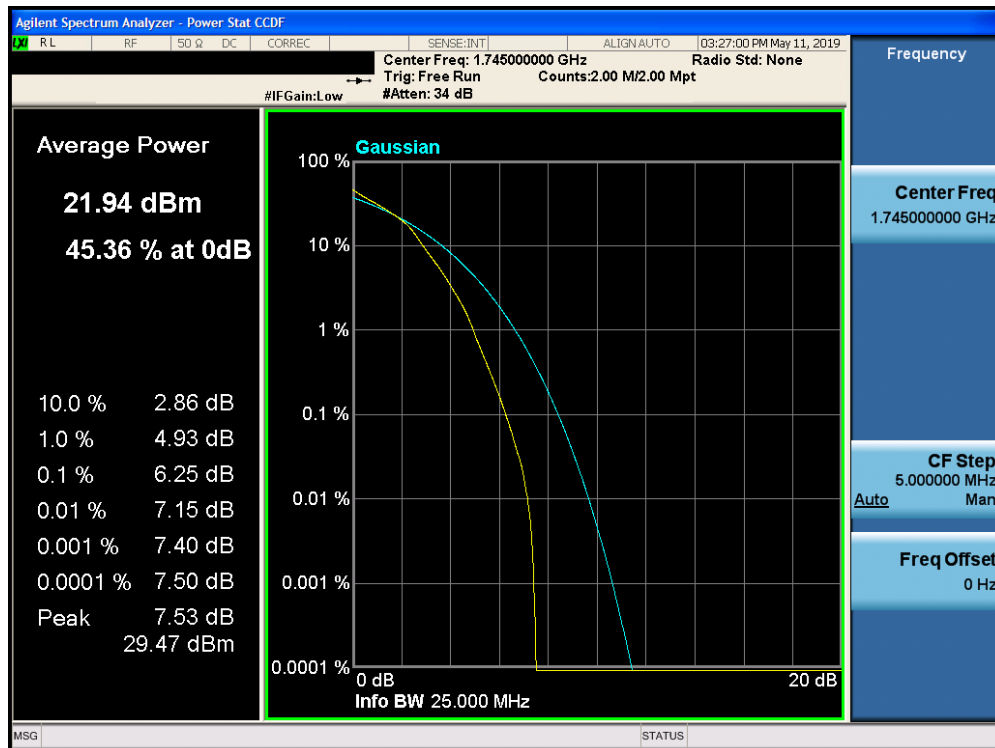


Plot 7-241. PAR Plot (Band 66 - 10.0MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 151 of 203                 |

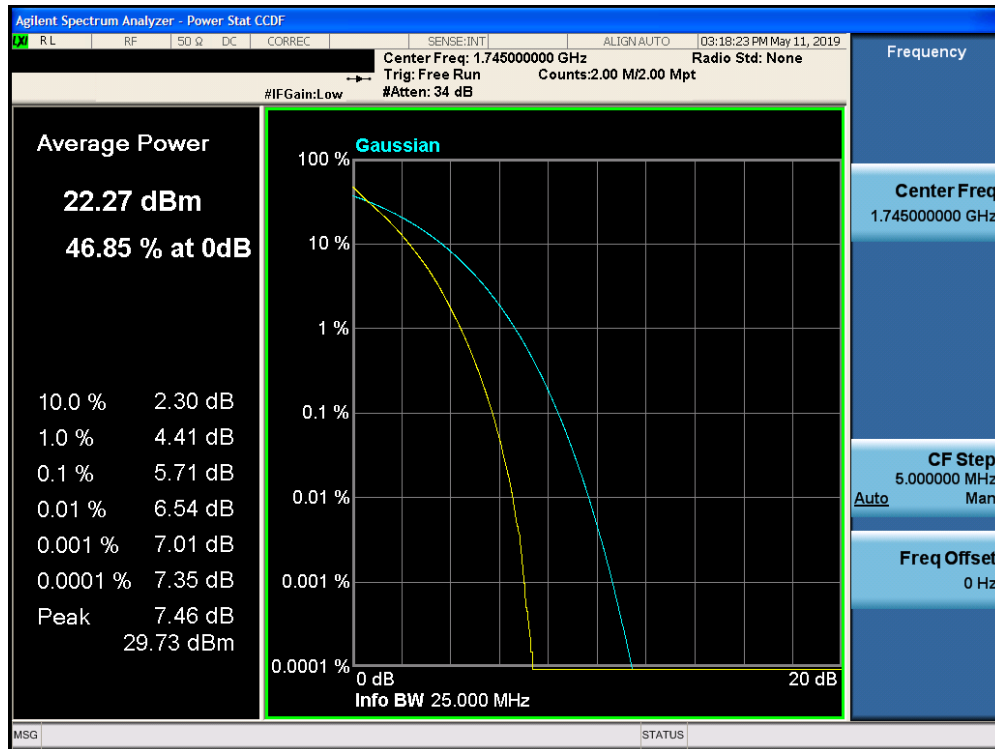


Plot 7-242. PAR Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

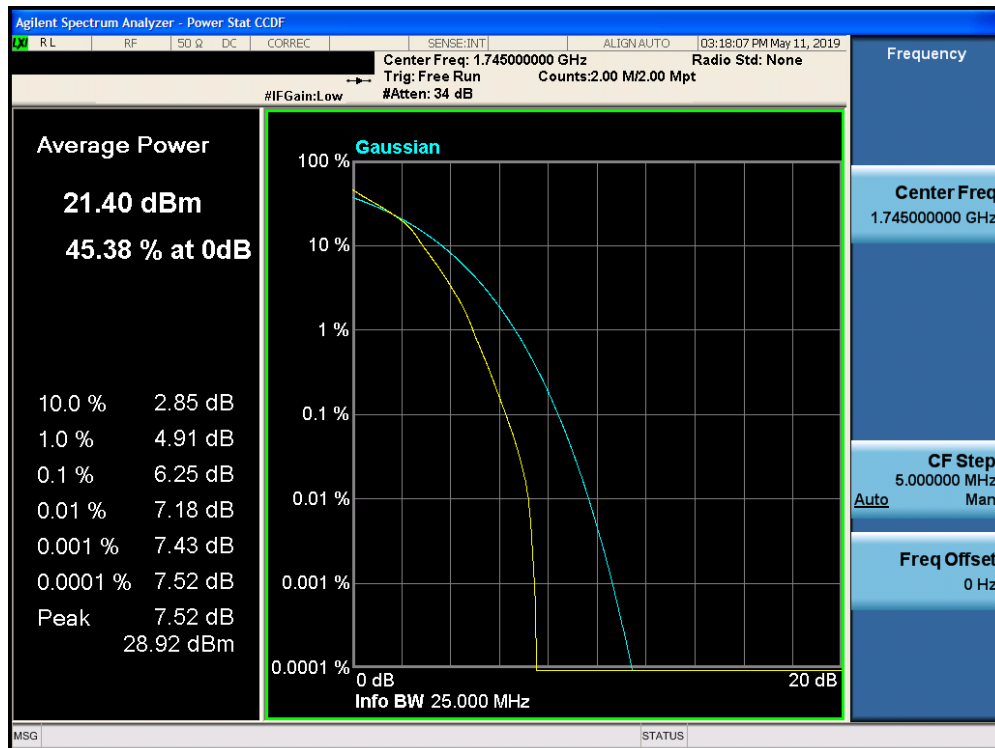


Plot 7-243. PAR Plot (Band 66 - 15.0MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 152 of 203                 |



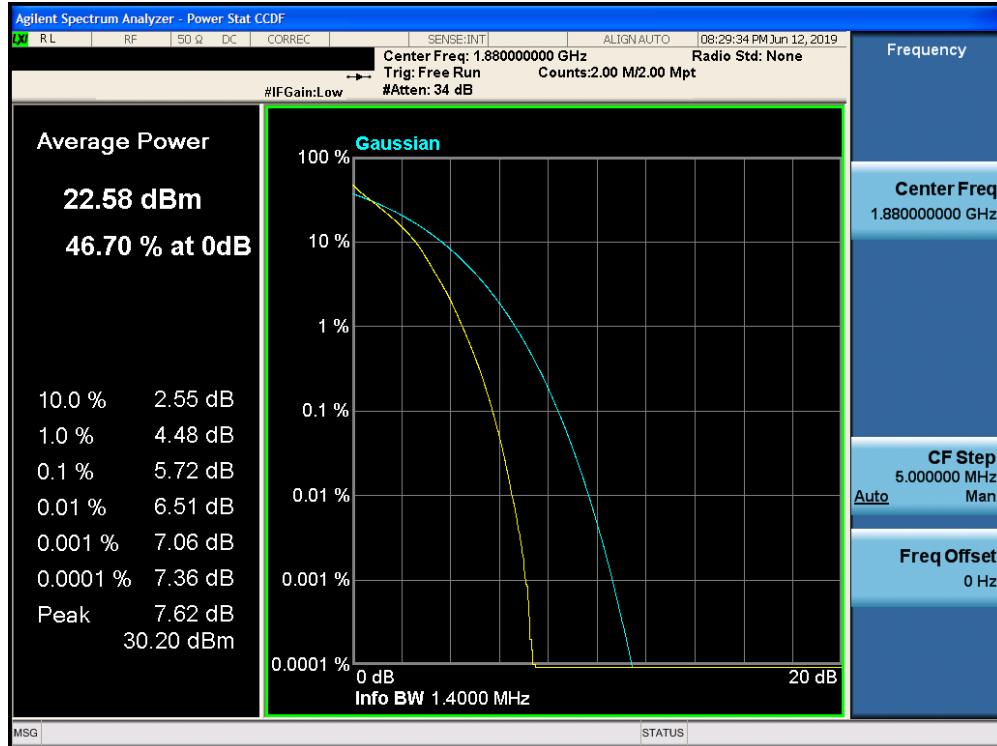
Plot 7-244. PAR Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



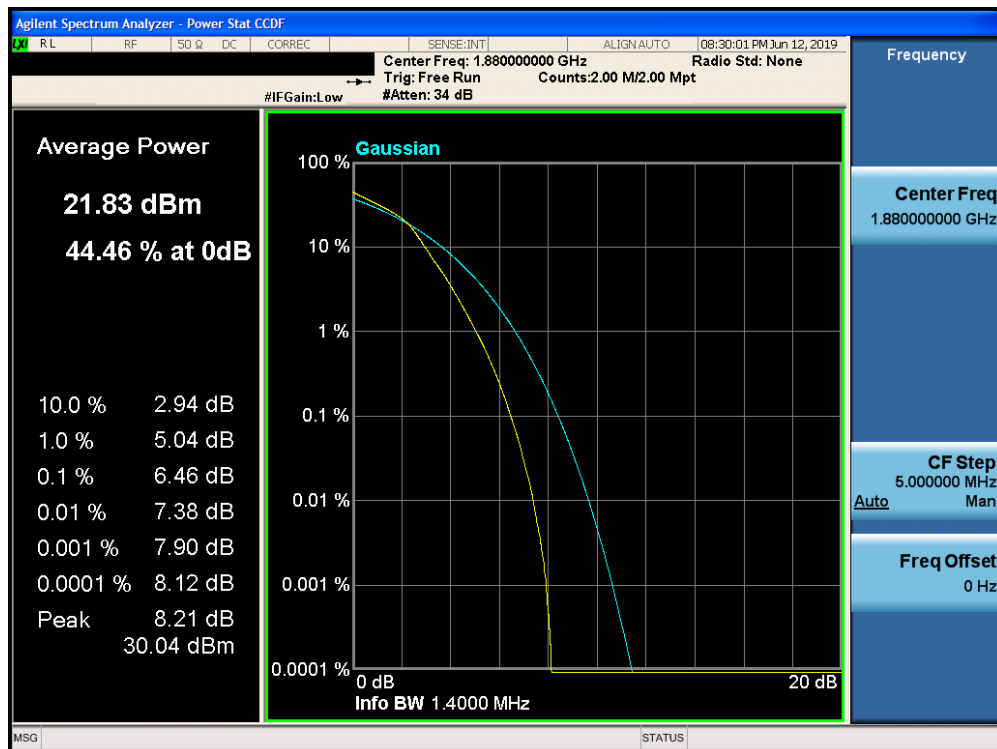
Plot 7-245. PAR Plot (Band 66 - 20.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 153 of 203                 |

## Band 2

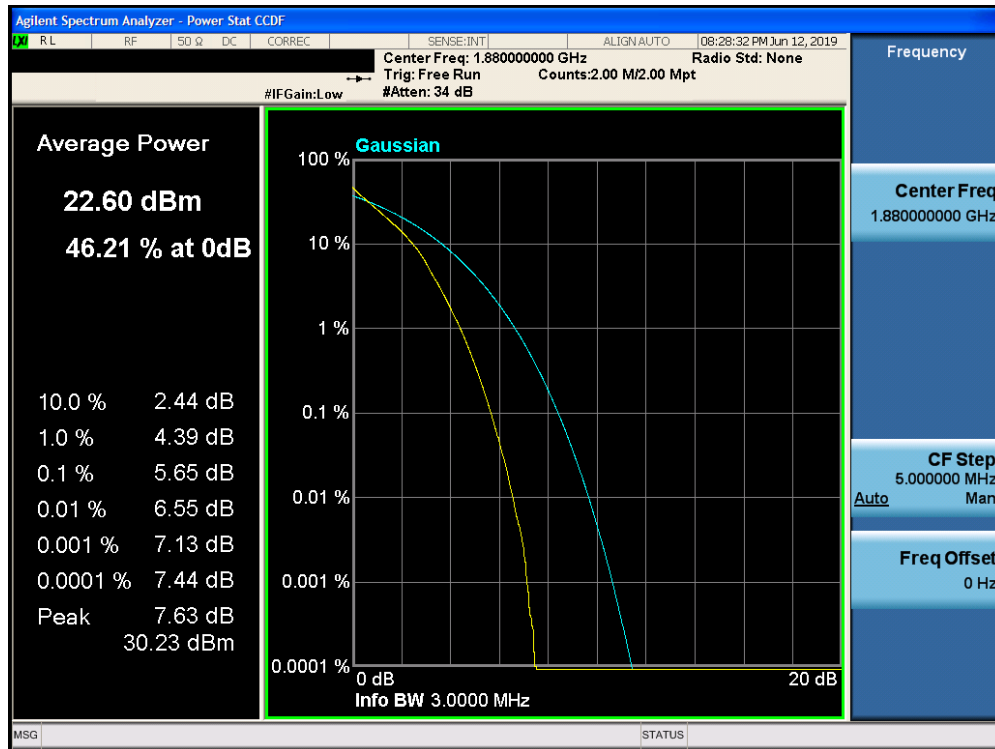


Plot 7-246. PAR Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

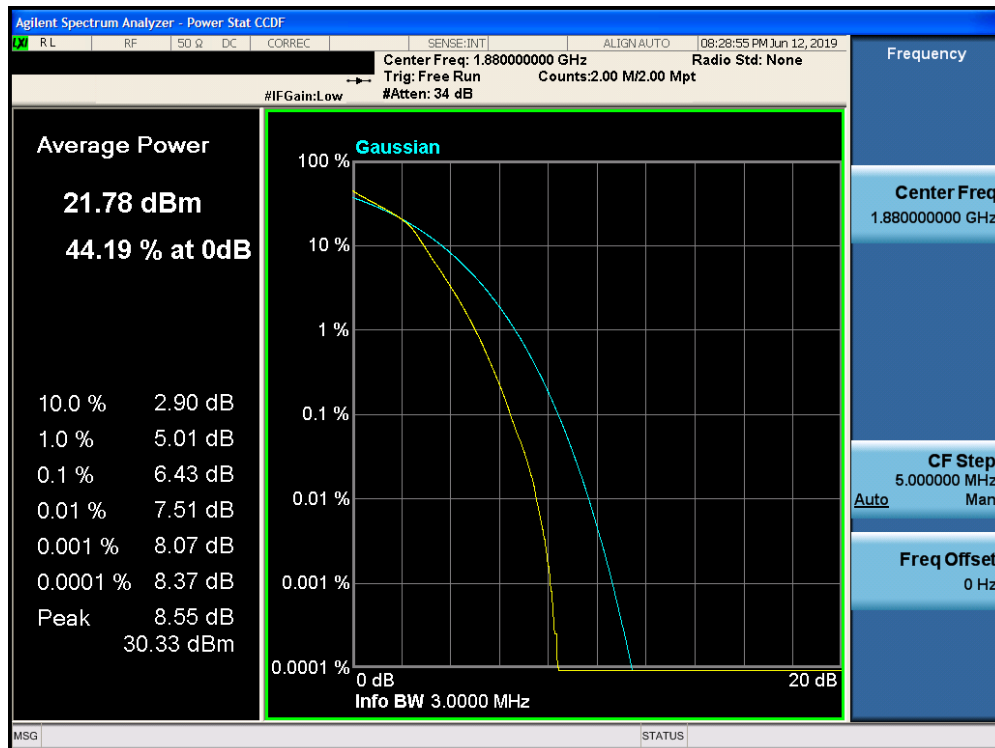


Plot 7-247. PAR Plot (Band 2 - 1.4MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 154 of 203                 |

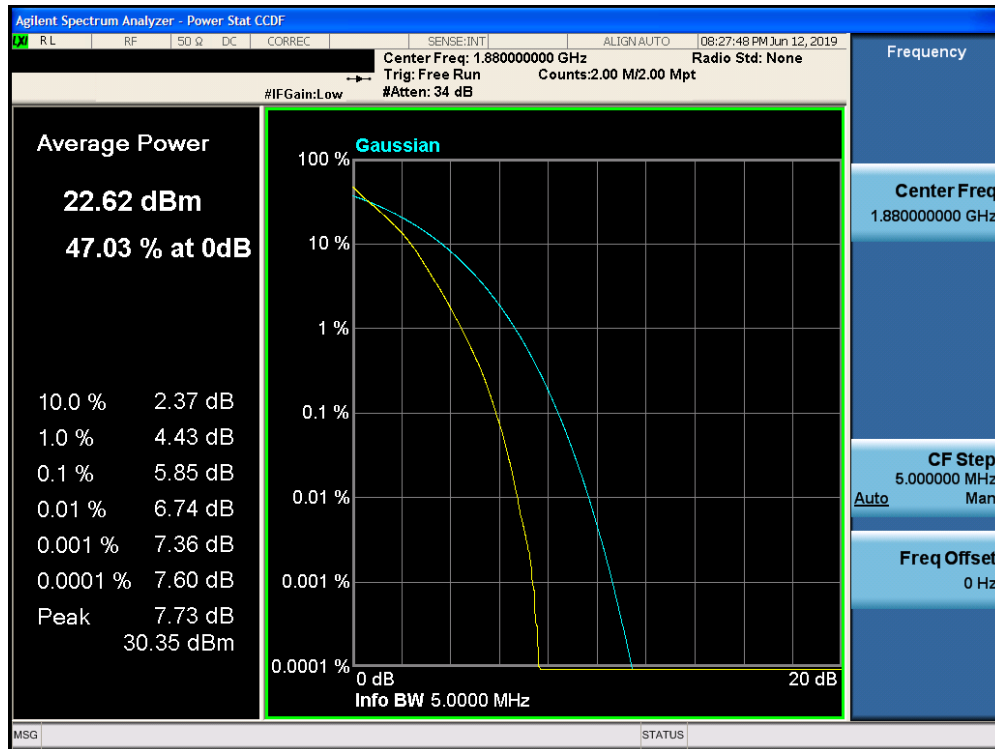


Plot 7-248. PAR Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

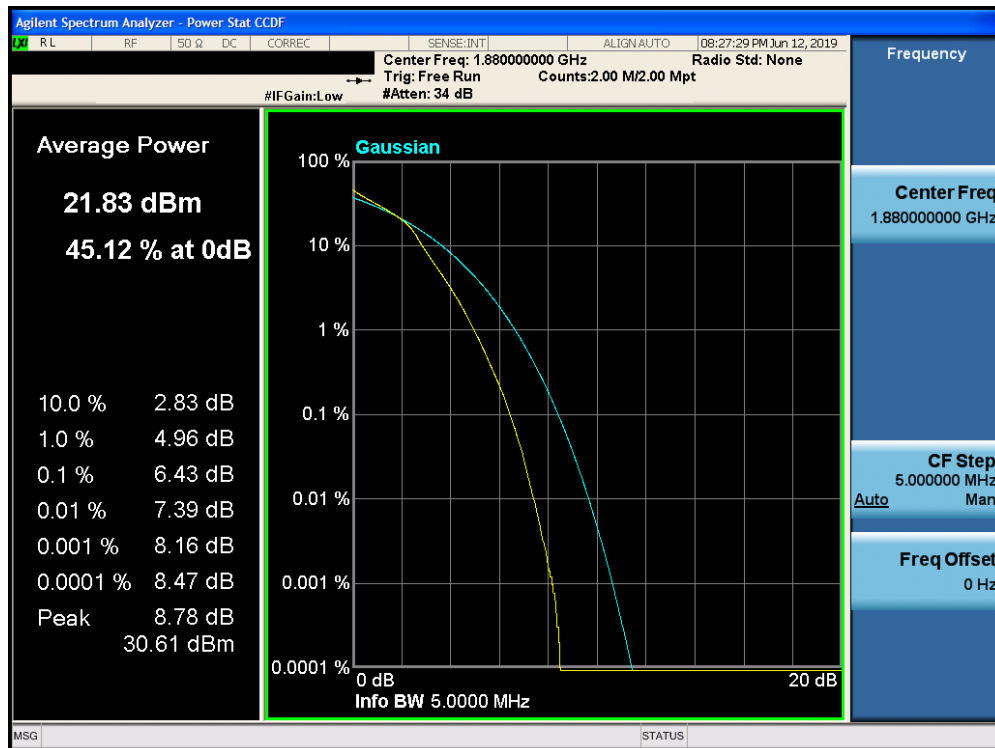


Plot 7-249. PAR Plot (Band 2 - 3.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 155 of 203                 |

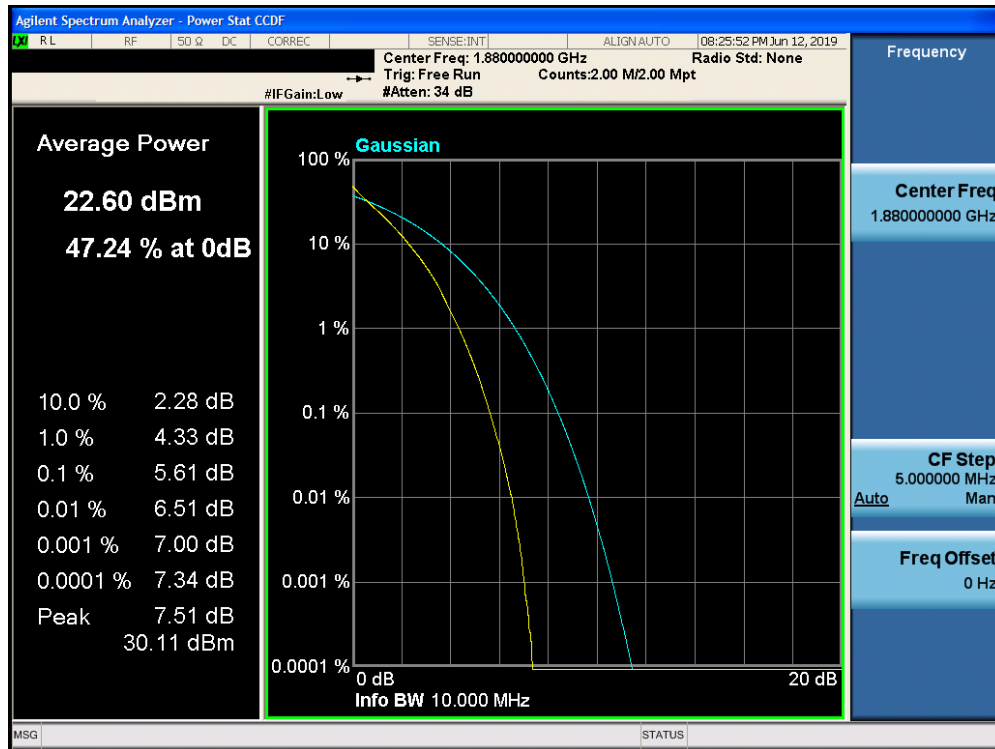


Plot 7-250. PAR Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

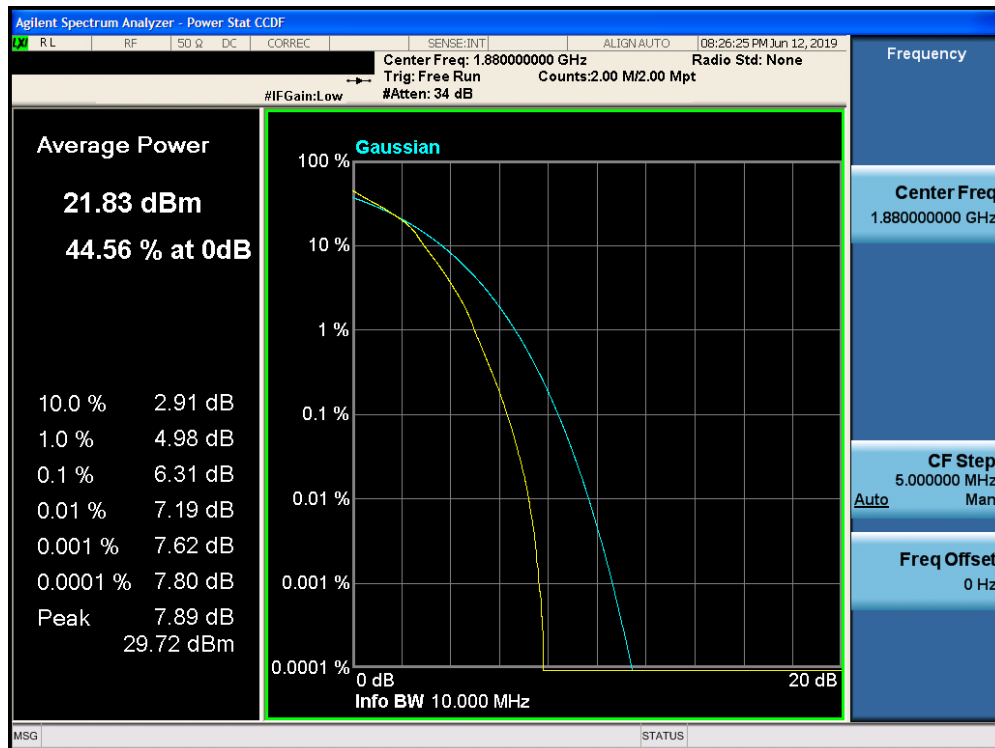


Plot 7-251. PAR Plot (Band 2 - 5.0MHz 16-QAM - Full RB Configuration)

|                                         |                                              |                    |                                 |
|-----------------------------------------|----------------------------------------------|--------------------|---------------------------------|
| 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 156 of 203                 |

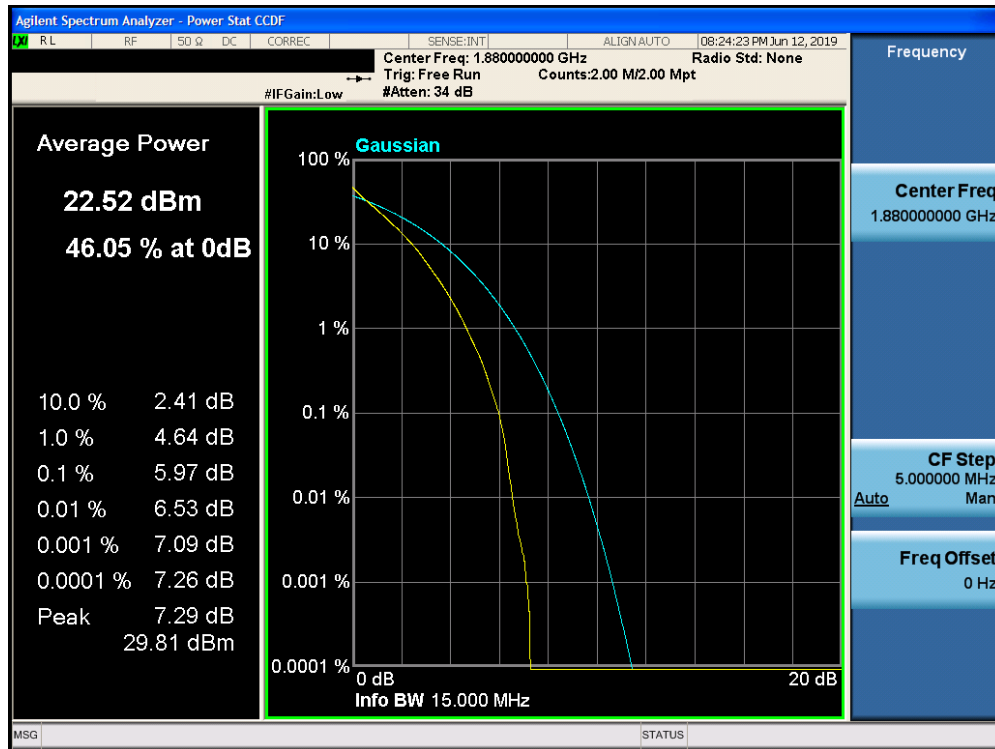


Plot 7-252. PAR Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

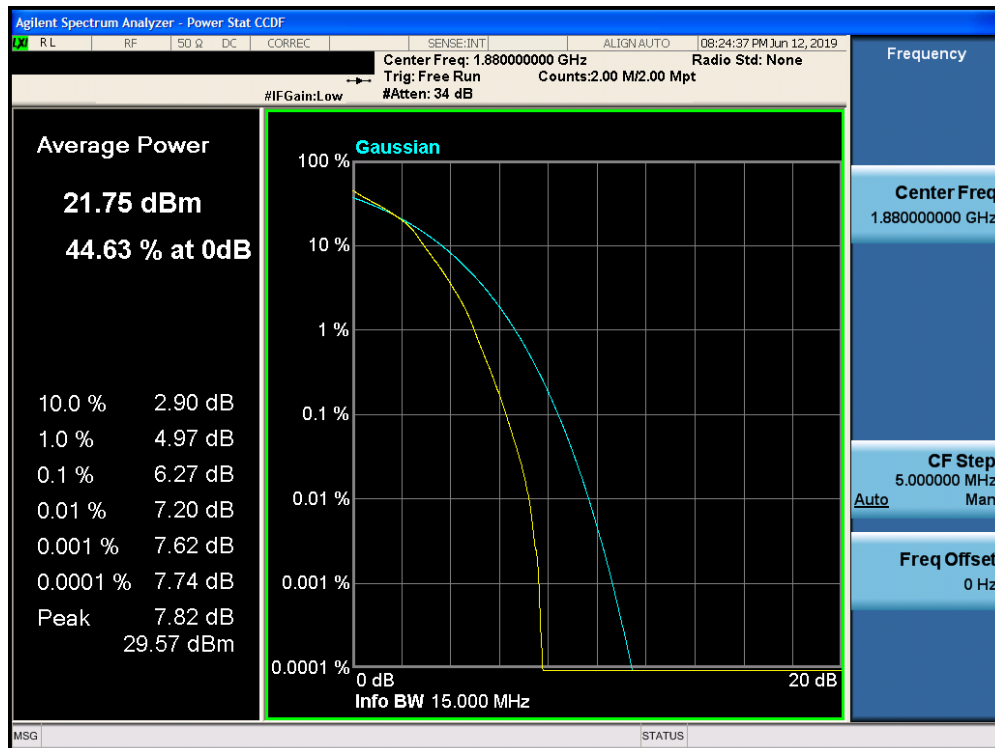


Plot 7-253. PAR Plot (Band 2 - 10.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 157 of 203                 |

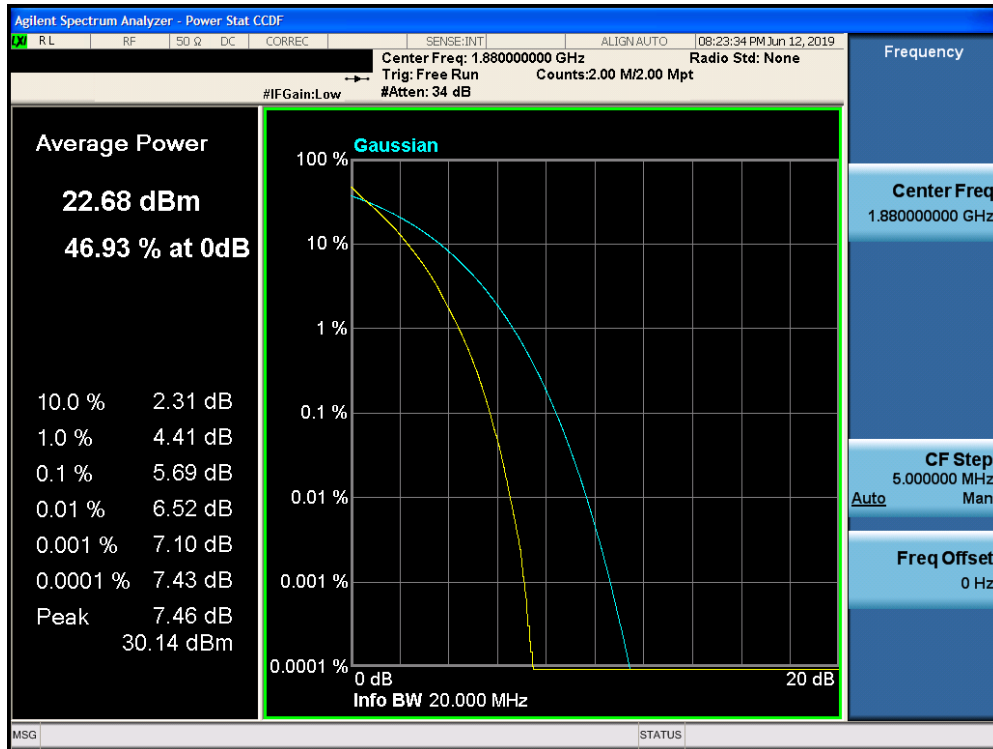


Plot 7-254. PAR Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

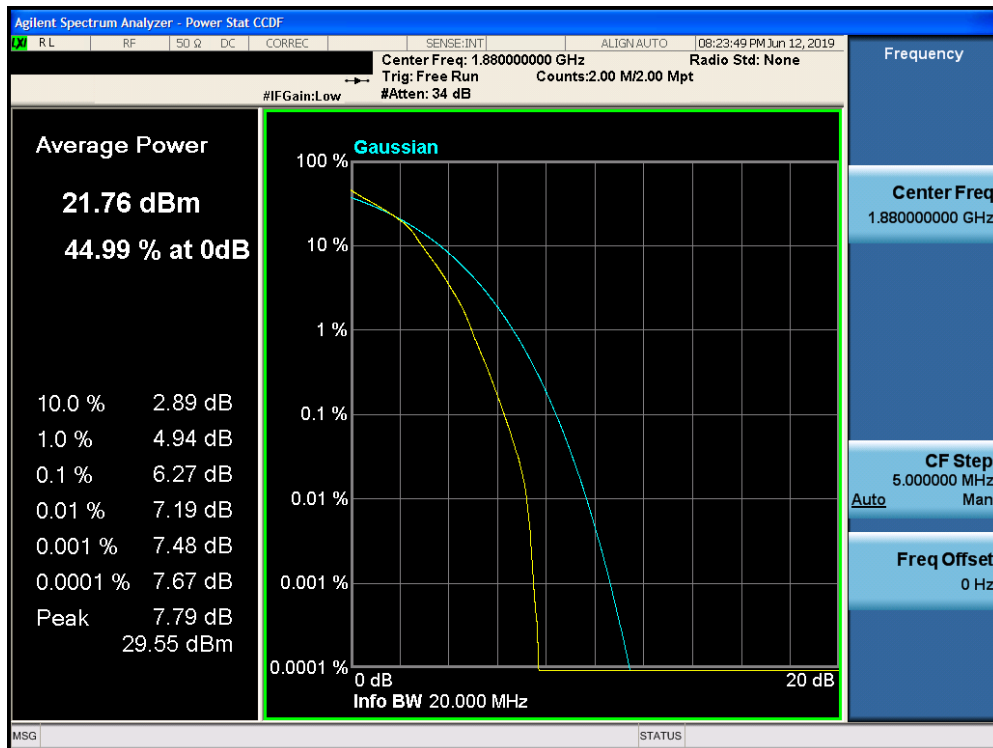


Plot 7-255. PAR Plot (Band 2 - 15.0MHz 16-QAM - Full RB Configuration)

|                                         |                                               |                    |                                 |
|-----------------------------------------|-----------------------------------------------|--------------------|---------------------------------|
| 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 158 of 203                 |



Plot 7-256. PAR Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-257. PAR Plot (Band 2 - 20.0MHz 16-QAM - 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 159 of 203                 |