

## Appendix for Band 2

### Appendix A: Average Power Output Data

#### Test Result

Channel Bandwidth: 1.4 MHz

| Modulation | Channel | RB Configuration |        | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
|            |         | Size             | Offset |                     |         |
| QPSK       | LCH     | 1                | 0      | 23.04               | PASS    |
|            |         | 1                | 3      | 23.13               | PASS    |
|            |         | 1                | 5      | 23.09               | PASS    |
|            |         | 3                | 0      | 23.19               | PASS    |
|            |         | 3                | 2      | 23.18               | PASS    |
|            |         | 3                | 3      | 23.22               | PASS    |
|            |         | 6                | 0      | 22.21               | PASS    |
|            | MCH     | 1                | 0      | 24.04               | PASS    |
|            |         | 1                | 3      | 24.13               | PASS    |
|            |         | 1                | 5      | 24.05               | PASS    |
|            |         | 3                | 0      | 24.24               | PASS    |
|            |         | 3                | 2      | 24.15               | PASS    |
|            |         | 3                | 3      | 24.18               | PASS    |
|            |         | 6                | 0      | 23.25               | PASS    |
|            | HCH     | 1                | 0      | 23.86               | PASS    |
|            |         | 1                | 3      | 23.85               | PASS    |
|            |         | 1                | 5      | 23.82               | PASS    |
|            |         | 3                | 0      | 23.83               | PASS    |
|            |         | 3                | 2      | 23.77               | PASS    |
|            |         | 3                | 3      | 23.77               | PASS    |
|            |         | 6                | 0      | 22.91               | PASS    |
| 16QAM      | LCH     | 1                | 0      | 22.31               | PASS    |
|            |         | 1                | 3      | 22.47               | PASS    |
|            |         | 1                | 5      | 22.36               | PASS    |
|            |         | 3                | 0      | 22.36               | PASS    |
|            |         | 3                | 2      | 22.32               | PASS    |
|            |         | 3                | 3      | 22.34               | PASS    |
|            |         | 6                | 0      | 22.12               | PASS    |
|            | MCH     | 1                | 0      | 23.16               | PASS    |
|            |         | 1                | 3      | 23.33               | PASS    |
|            |         | 1                | 5      | 23.26               | PASS    |
|            |         | 3                | 0      | 23.27               | PASS    |

|  |     |   |   |       |      |
|--|-----|---|---|-------|------|
|  |     | 3 | 2 | 23.24 | PASS |
|  |     | 3 | 3 | 23.27 | PASS |
|  |     | 6 | 0 | 22.19 | PASS |
|  | HCH | 1 | 0 | 22.98 | PASS |
|  |     | 1 | 3 | 22.98 | PASS |
|  |     | 1 | 5 | 22.92 | PASS |
|  |     | 3 | 0 | 22.68 | PASS |
|  |     | 3 | 2 | 22.64 | PASS |
|  |     | 3 | 3 | 22.66 | PASS |
|  |     | 6 | 0 | 21.73 | PASS |

### Channel Bandwidth: 3 MHz

| Modulation | Channel | RB Configuration |        | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
|            |         | Size             | Offset |                     |         |
| QPSK       | LCH     | 1                | 0      | 23.14               | PASS    |
|            |         | 1                | 7      | 22.71               | PASS    |
|            |         | 1                | 14     | 23.28               | PASS    |
|            |         | 8                | 0      | 22.33               | PASS    |
|            |         | 8                | 4      | 22.34               | PASS    |
|            |         | 8                | 7      | 22.38               | PASS    |
|            |         | 15               | 0      | 22.35               | PASS    |
|            | MCH     | 1                | 0      | 24.21               | PASS    |
|            |         | 1                | 7      | 24.34               | PASS    |
|            |         | 1                | 14     | 24.23               | PASS    |
|            |         | 8                | 0      | 23.36               | PASS    |
|            |         | 8                | 4      | 23.34               | PASS    |
|            |         | 8                | 7      | 23.34               | PASS    |
|            |         | 15               | 0      | 23.24               | PASS    |
|            | HCH     | 1                | 0      | 23.95               | PASS    |
|            |         | 1                | 7      | 23.9                | PASS    |
|            |         | 1                | 14     | 23.78               | PASS    |
|            |         | 8                | 0      | 23.02               | PASS    |
|            |         | 8                | 4      | 22.95               | PASS    |
|            |         | 8                | 7      | 22.91               | PASS    |
|            |         | 15               | 0      | 22.92               | PASS    |
| 16QAM      | LCH     | 1                | 0      | 22.4                | PASS    |
|            |         | 1                | 7      | 22.55               | PASS    |
|            |         | 1                | 14     | 22.52               | PASS    |
|            |         | 8                | 0      | 21.37               | PASS    |
|            |         | 8                | 4      | 21.4                | PASS    |
|            |         | 8                | 7      | 21.42               | PASS    |
|            |         | 15               | 0      | 21.34               | PASS    |

|  |     |    |    |       |      |
|--|-----|----|----|-------|------|
|  | MCH | 1  | 0  | 23.47 | PASS |
|  |     | 1  | 7  | 23.57 | PASS |
|  |     | 1  | 14 | 23.48 | PASS |
|  |     | 8  | 0  | 22.28 | PASS |
|  |     | 8  | 4  | 22.27 | PASS |
|  |     | 8  | 7  | 22.28 | PASS |
|  |     | 15 | 0  | 22.24 | PASS |
|  | HCH | 1  | 0  | 22.95 | PASS |
|  |     | 1  | 7  | 22.95 | PASS |
|  |     | 1  | 14 | 22.77 | PASS |
|  |     | 8  | 0  | 21.85 | PASS |
|  |     | 8  | 4  | 21.81 | PASS |
|  |     | 8  | 7  | 21.76 | PASS |
|  |     | 15 | 0  | 21.84 | PASS |

### Channel Bandwidth: 5 MHz

| Modulation | Channel | RB Configuration |        | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
|            |         | Size             | Offset |                     |         |
| QPSK       | LCH     | 1                | 0      | 23.38               | PASS    |
|            |         | 1                | 12     | 23.34               | PASS    |
|            |         | 1                | 24     | 23.5                | PASS    |
|            |         | 12               | 0      | 22.36               | PASS    |
|            |         | 12               | 6      | 22.33               | PASS    |
|            |         | 12               | 13     | 22.54               | PASS    |
|            |         | 25               | 0      | 22.42               | PASS    |
|            | MCH     | 1                | 0      | 24.38               | PASS    |
|            |         | 1                | 12     | 24.15               | PASS    |
|            |         | 1                | 24     | 24.32               | PASS    |
|            |         | 12               | 0      | 23.35               | PASS    |
|            |         | 12               | 6      | 23.38               | PASS    |
|            |         | 12               | 13     | 23.36               | PASS    |
|            |         | 25               | 0      | 23.31               | PASS    |
|            | HCH     | 1                | 0      | 24.03               | PASS    |
|            |         | 1                | 12     | 23.77               | PASS    |
|            |         | 1                | 24     | 23.93               | PASS    |
|            |         | 12               | 0      | 23.05               | PASS    |
|            |         | 12               | 6      | 23.02               | PASS    |
|            |         | 12               | 13     | 22.96               | PASS    |
|            |         | 25               | 0      | 22.95               | PASS    |
| 16QAM      | LCH     | 1                | 0      | 22.59               | PASS    |
|            |         | 1                | 12     | 22.63               | PASS    |
|            |         | 1                | 24     | 22.7                | PASS    |

|  |     |    |    |       |      |
|--|-----|----|----|-------|------|
|  |     | 12 | 0  | 21.49 | PASS |
|  |     | 12 | 6  | 21.5  | PASS |
|  |     | 12 | 13 | 21.58 | PASS |
|  |     | 25 | 0  | 21.42 | PASS |
|  | MCH | 1  | 0  | 23.46 | PASS |
|  |     | 1  | 12 | 23.52 | PASS |
|  |     | 1  | 24 | 23.47 | PASS |
|  |     | 12 | 0  | 22.43 | PASS |
|  |     | 12 | 6  | 22.47 | PASS |
|  |     | 12 | 13 | 22.43 | PASS |
|  |     | 25 | 0  | 22.3  | PASS |
|  | HCH | 1  | 0  | 23.19 | PASS |
|  |     | 1  | 12 | 23.05 | PASS |
|  |     | 1  | 24 | 22.93 | PASS |
|  |     | 12 | 0  | 21.98 | PASS |
|  |     | 12 | 6  | 21.94 | PASS |
|  |     | 12 | 13 | 21.9  | PASS |
|  |     | 25 | 0  | 21.9  | PASS |

### Channel Bandwidth: 10 MHz

| Modulation | Channel | RB Configuration |        | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
|            |         | Size             | Offset |                     |         |
| QPSK       | LCH     | 1                | 0      | 23.03               | PASS    |
|            |         | 1                | 24     | 23.5                | PASS    |
|            |         | 1                | 49     | 23.53               | PASS    |
|            |         | 25               | 0      | 22.38               | PASS    |
|            |         | 25               | 12     | 22.58               | PASS    |
|            |         | 25               | 25     | 22.69               | PASS    |
|            |         | 50               | 0      | 22.6                | PASS    |
|            | MCH     | 1                | 0      | 23.79               | PASS    |
|            |         | 1                | 24     | 24.04               | PASS    |
|            |         | 1                | 49     | 24                  | PASS    |
|            |         | 25               | 0      | 23.25               | PASS    |
|            |         | 25               | 12     | 23.29               | PASS    |
|            |         | 25               | 25     | 23.32               | PASS    |
|            |         | 50               | 0      | 23.32               | PASS    |
|            | HCH     | 1                | 0      | 23.74               | PASS    |
|            |         | 1                | 24     | 23.41               | PASS    |
|            |         | 1                | 49     | 23.39               | PASS    |
|            |         | 25               | 0      | 22.96               | PASS    |
|            |         | 25               | 12     | 22.8                | PASS    |
|            |         | 25               | 25     | 22.91               | PASS    |

|       |     |    |    |       |      |
|-------|-----|----|----|-------|------|
|       |     | 50 | 0  | 22.95 | PASS |
| 16QAM | LCH | 1  | 0  | 22.3  | PASS |
|       |     | 1  | 24 | 22.74 | PASS |
|       |     | 1  | 49 | 22.84 | PASS |
|       |     | 25 | 0  | 21.48 | PASS |
|       |     | 25 | 12 | 21.57 | PASS |
|       |     | 25 | 25 | 21.64 | PASS |
|       |     | 50 | 0  | 21.6  | PASS |
|       | MCH | 1  | 0  | 23.28 | PASS |
|       |     | 1  | 24 | 23.55 | PASS |
|       |     | 1  | 49 | 23.55 | PASS |
|       |     | 25 | 0  | 22.33 | PASS |
|       |     | 25 | 12 | 22.36 | PASS |
|       |     | 25 | 25 | 22.34 | PASS |
|       |     | 50 | 0  | 22.38 | PASS |
|       | HCH | 1  | 0  | 23.06 | PASS |
|       |     | 1  | 24 | 22.73 | PASS |
|       |     | 1  | 49 | 22.78 | PASS |
|       |     | 25 | 0  | 21.97 | PASS |
|       |     | 25 | 12 | 21.94 | PASS |
|       |     | 25 | 25 | 21.91 | PASS |
|       |     | 50 | 0  | 21.96 | PASS |

### Channel Bandwidth: 15 MHz

| Modulation | Channel | RB Configuration |        | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
|            |         | Size             | Offset |                     |         |
| QPSK       | LCH     | 1                | 0      | 23.27               | PASS    |
|            |         | 1                | 37     | 23.71               | PASS    |
|            |         | 1                | 74     | 23.59               | PASS    |
|            |         | 37               | 0      | 22.78               | PASS    |
|            |         | 37               | 18     | 22.56               | PASS    |
|            |         | 37               | 38     | 22.89               | PASS    |
|            |         | 75               | 0      | 22.7                | PASS    |
|            | MCH     | 1                | 0      | 24.06               | PASS    |
|            |         | 1                | 37     | 23.91               | PASS    |
|            |         | 1                | 74     | 24.31               | PASS    |
|            |         | 37               | 0      | 23.58               | PASS    |
|            |         | 37               | 18     | 23.59               | PASS    |
|            |         | 37               | 38     | 23.21               | PASS    |
|            |         | 75               | 0      | 23.23               | PASS    |
|            | HCH     | 1                | 0      | 24.3                | PASS    |
|            |         | 1                | 37     | 23.76               | PASS    |

|       |     |    |    |       |      |
|-------|-----|----|----|-------|------|
|       |     | 1  | 74 | 23.94 | PASS |
|       |     | 37 | 0  | 23.44 | PASS |
|       |     | 37 | 18 | 23.35 | PASS |
|       |     | 37 | 38 | 23.24 | PASS |
|       |     | 75 | 0  | 23.34 | PASS |
| 16QAM | LCH | 1  | 0  | 22.58 | PASS |
|       |     | 1  | 37 | 22.97 | PASS |
|       |     | 1  | 74 | 22.96 | PASS |
|       |     | 37 | 0  | 21.25 | PASS |
|       |     | 37 | 18 | 21.67 | PASS |
|       |     | 37 | 38 | 21.95 | PASS |
|       |     | 75 | 0  | 21.53 | PASS |
|       | MCH | 1  | 0  | 23.28 | PASS |
|       |     | 1  | 37 | 23.5  | PASS |
|       |     | 1  | 74 | 23.14 | PASS |
|       |     | 37 | 0  | 22.34 | PASS |
|       |     | 37 | 18 | 22.3  | PASS |
|       |     | 37 | 38 | 22.45 | PASS |
|       |     | 75 | 0  | 22.46 | PASS |
|       | HCH | 1  | 0  | 23.34 | PASS |
|       |     | 1  | 37 | 23.16 | PASS |
|       |     | 1  | 74 | 22.95 | PASS |
|       |     | 37 | 0  | 22.26 | PASS |
|       |     | 37 | 18 | 22.15 | PASS |
|       |     | 37 | 38 | 22.07 | PASS |
|       |     | 75 | 0  | 22.18 | PASS |

### Channel Bandwidth: 20 MHz

| Modulation | Channel | RB Configuration |        | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
|            |         | Size             | Offset |                     |         |
| QPSK       | LCH     | 1                | 0      | 24.56               | PASS    |
|            |         | 1                | 49     | 24                  | PASS    |
|            |         | 1                | 99     | 24.19               | PASS    |
|            |         | 50               | 0      | 23.32               | PASS    |
|            |         | 50               | 25     | 23.21               | PASS    |
|            |         | 50               | 50     | 23.11               | PASS    |
|            |         | 100              | 0      | 22.86               | PASS    |
|            | MCH     | 1                | 0      | 24.55               | PASS    |
|            |         | 1                | 49     | 24.48               | PASS    |
|            |         | 1                | 99     | 24.51               | PASS    |
|            |         | 50               | 0      | 23.35               | PASS    |
|            |         | 50               | 25     | 23.39               | PASS    |

|       |     |     |    |       |      |
|-------|-----|-----|----|-------|------|
|       |     | 50  | 50 | 23.39 | PASS |
|       |     | 100 | 0  | 23.38 | PASS |
|       | HCH | 1   | 0  | 24.34 | PASS |
|       |     | 1   | 49 | 24.21 | PASS |
|       |     | 1   | 99 | 23.93 | PASS |
|       |     | 50  | 0  | 23.27 | PASS |
|       |     | 50  | 25 | 23.11 | PASS |
|       |     | 50  | 50 | 23.06 | PASS |
|       |     | 100 | 0  | 23.16 | PASS |
| 16QAM | LCH | 1   | 0  | 22.74 | PASS |
|       |     | 1   | 49 | 23    | PASS |
|       |     | 1   | 99 | 23.33 | PASS |
|       |     | 50  | 0  | 21.67 | PASS |
|       |     | 50  | 25 | 21.73 | PASS |
|       |     | 50  | 50 | 21.86 | PASS |
|       |     | 100 | 0  | 21.79 | PASS |
|       | MCH | 1   | 0  | 23.54 | PASS |
|       |     | 1   | 49 | 23.21 | PASS |
|       |     | 1   | 99 | 23.14 | PASS |
|       |     | 50  | 0  | 22.37 | PASS |
|       |     | 50  | 25 | 22.42 | PASS |
|       |     | 50  | 50 | 22.42 | PASS |
|       |     | 100 | 0  | 22.36 | PASS |
|       | HCH | 1   | 0  | 23.46 | PASS |
|       |     | 1   | 49 | 23.19 | PASS |
|       |     | 1   | 99 | 22.98 | PASS |
|       |     | 50  | 0  | 22.22 | PASS |
|       |     | 50  | 25 | 22.03 | PASS |
|       |     | 50  | 50 | 21.98 | PASS |
|       |     | 100 | 0  | 22.1  | PASS |

## Appendix B: Peak-to-Average Ratio

### Test Result

Channel Bandwidth: 1.4 MHz

| Channel Bandwidth: 1.4 MHz |         |                  |        |                            |            |         |
|----------------------------|---------|------------------|--------|----------------------------|------------|---------|
| Modulation                 | Channel | RB Configuration |        | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
|                            |         | Size             | Offset |                            |            |         |
| QPSK                       | LCH     | 1                | 0      | 3.66                       | <13        | PASS    |
|                            |         | 1                | 3      | 3.6                        | <13        | PASS    |
|                            |         | 1                | 5      | 3.59                       | <13        | PASS    |
|                            |         | 3                | 0      | 3.95                       | <13        | PASS    |
|                            |         | 3                | 2      | 4.04                       | <13        | PASS    |
|                            |         | 3                | 3      | 4.04                       | <13        | PASS    |
|                            |         | 6                | 0      | 5.02                       | <13        | PASS    |
|                            | MCH     | 1                | 0      | 2.97                       | <13        | PASS    |
|                            |         | 1                | 3      | 2.81                       | <13        | PASS    |
|                            |         | 1                | 5      | 2.82                       | <13        | PASS    |
|                            |         | 3                | 0      | 3.18                       | <13        | PASS    |
|                            |         | 3                | 2      | 3.17                       | <13        | PASS    |
|                            |         | 3                | 3      | 3.14                       | <13        | PASS    |
|                            |         | 6                | 0      | 4.18                       | <13        | PASS    |
|                            | HCH     | 1                | 0      | 2.14                       | <13        | PASS    |
|                            |         | 1                | 3      | 2.03                       | <13        | PASS    |
|                            |         | 1                | 5      | 1.98                       | <13        | PASS    |
|                            |         | 3                | 0      | 2.44                       | <13        | PASS    |
|                            |         | 3                | 2      | 2.33                       | <13        | PASS    |
|                            |         | 3                | 3      | 2.3                        | <13        | PASS    |
|                            |         | 6                | 0      | 3.36                       | <13        | PASS    |
| 16QAM                      | LCH     | 1                | 0      | 4.51                       | <13        | PASS    |
|                            |         | 1                | 3      | 4.63                       | <13        | PASS    |
|                            |         | 1                | 5      | 4.8                        | <13        | PASS    |
|                            |         | 3                | 0      | 4.92                       | <13        | PASS    |
|                            |         | 3                | 2      | 4.98                       | <13        | PASS    |
|                            |         | 3                | 3      | 4.96                       | <13        | PASS    |
|                            |         | 6                | 0      | 5.95                       | <13        | PASS    |
|                            | MCH     | 1                | 0      | 3.97                       | <13        | PASS    |
|                            |         | 1                | 3      | 3.86                       | <13        | PASS    |
|                            |         | 1                | 5      | 3.91                       | <13        | PASS    |
|                            |         | 3                | 0      | 4.06                       | <13        | PASS    |



|  |     |   |   |      |     |      |
|--|-----|---|---|------|-----|------|
|  |     | 3 | 2 | 4.03 | <13 | PASS |
|  |     | 3 | 3 | 4.02 | <13 | PASS |
|  |     | 6 | 0 | 5.06 | <13 | PASS |
|  | HCH | 1 | 0 | 3.29 | <13 | PASS |
|  |     | 1 | 3 | 3.14 | <13 | PASS |
|  |     | 1 | 5 | 3.2  | <13 | PASS |
|  |     | 3 | 0 | 3.41 | <13 | PASS |
|  |     | 3 | 2 | 3.48 | <13 | PASS |
|  |     | 3 | 3 | 3.47 | <13 | PASS |
|  |     | 6 | 0 | 4.45 | <13 | PASS |

### Channel Bandwidth: 3 MHz

| Channel Bandwidth: 3 MHz |         |                  |        |                               |               |         |
|--------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation               | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                          |         | Size             | Offset |                               |               |         |
| QPSK                     | LCH     | 1                | 0      | 3.69                          | <13           | PASS    |
|                          |         | 1                | 7      | 3.68                          | <13           | PASS    |
|                          |         | 1                | 14     | 3.68                          | <13           | PASS    |
|                          |         | 8                | 0      | 5.02                          | <13           | PASS    |
|                          |         | 8                | 4      | 5.02                          | <13           | PASS    |
|                          |         | 8                | 7      | 5.03                          | <13           | PASS    |
|                          |         | 15               | 0      | 5.14                          | <13           | PASS    |
|                          | MCH     | 1                | 0      | 2.79                          | <13           | PASS    |
|                          |         | 1                | 7      | 2.79                          | <13           | PASS    |
|                          |         | 1                | 14     | 2.77                          | <13           | PASS    |
|                          |         | 8                | 0      | 4.18                          | <13           | PASS    |
|                          |         | 8                | 4      | 4.17                          | <13           | PASS    |
|                          |         | 8                | 7      | 4.2                           | <13           | PASS    |
|                          |         | 15               | 0      | 4.29                          | <13           | PASS    |
|                          | HCH     | 1                | 0      | 2.17                          | <13           | PASS    |
|                          |         | 1                | 7      | 2.25                          | <13           | PASS    |
|                          |         | 1                | 14     | 1.97                          | <13           | PASS    |
|                          |         | 8                | 0      | 3.42                          | <13           | PASS    |
|                          |         | 8                | 4      | 3.48                          | <13           | PASS    |
|                          |         | 8                | 7      | 3.43                          | <13           | PASS    |
|                          |         | 15               | 0      | 3.55                          | <13           | PASS    |
| 16QAM                    | LCH     | 1                | 0      | 4.49                          | <13           | PASS    |
|                          |         | 1                | 7      | 4.65                          | <13           | PASS    |
|                          |         | 1                | 14     | 4.62                          | <13           | PASS    |
|                          |         | 8                | 0      | 5.77                          | <13           | PASS    |
|                          |         | 8                | 4      | 5.93                          | <13           | PASS    |

|  |     |     |    |      |      |      |
|--|-----|-----|----|------|------|------|
|  |     | 8   | 7  | 5.86 | <13  | PASS |
|  |     | 15  | 0  | 6.05 | <13  | PASS |
|  | MCH | 1   | 0  | 3.9  | <13  | PASS |
|  |     | 1   | 7  | 3.96 | <13  | PASS |
|  |     | 1   | 14 | 3.91 | <13  | PASS |
|  |     | 8   | 0  | 5.09 | <13  | PASS |
|  |     | 8   | 4  | 5.08 | <13  | PASS |
|  |     | 8   | 7  | 5.12 | <13  | PASS |
|  |     | 15  | 0  | 5.24 | <13  | PASS |
|  |     | HCH | 1  | 0    | 3.21 | <13  |
|  | 1   |     | 7  | 3.26 | <13  | PASS |
|  | 1   |     | 14 | 3.19 | <13  | PASS |
|  | 8   |     | 0  | 4.43 | <13  | PASS |
|  | 8   |     | 4  | 4.48 | <13  | PASS |
|  | 8   |     | 7  | 4.45 | <13  | PASS |
|  | 15  |     | 0  | 4.52 | <13  | PASS |

### Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz |         |                  |        |                               |               |         |
|--------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation               | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                          |         | Size             | Offset |                               |               |         |
| QPSK                     | LCH     | 1                | 0      | 3.68                          | <13           | PASS    |
|                          |         | 1                | 12     | 3.76                          | <13           | PASS    |
|                          |         | 1                | 24     | 3.52                          | <13           | PASS    |
|                          |         | 12               | 0      | 5.08                          | <13           | PASS    |
|                          |         | 12               | 6      | 5.04                          | <13           | PASS    |
|                          |         | 12               | 13     | 4.97                          | <13           | PASS    |
|                          |         | 25               | 0      | 5.12                          | <13           | PASS    |
|                          | MCH     | 1                | 0      | 2.72                          | <13           | PASS    |
|                          |         | 1                | 12     | 2.83                          | <13           | PASS    |
|                          |         | 1                | 24     | 2.91                          | <13           | PASS    |
|                          |         | 12               | 0      | 4.12                          | <13           | PASS    |
|                          |         | 12               | 6      | 4.19                          | <13           | PASS    |
|                          |         | 12               | 13     | 4.22                          | <13           | PASS    |
|                          |         | 25               | 0      | 4.3                           | <13           | PASS    |
|                          | HCH     | 1                | 0      | 1.97                          | <13           | PASS    |
|                          |         | 1                | 12     | 2.15                          | <13           | PASS    |
|                          |         | 1                | 24     | 1.98                          | <13           | PASS    |
|                          |         | 12               | 0      | 3.34                          | <13           | PASS    |
|                          |         | 12               | 6      | 3.44                          | <13           | PASS    |
|                          |         | 12               | 13     | 3.55                          | <13           | PASS    |

|       |     |    |    |      |     |      |
|-------|-----|----|----|------|-----|------|
|       |     | 25 | 0  | 3.56 | <13 | PASS |
| 16QAM | LCH | 1  | 0  | 4.49 | <13 | PASS |
|       |     | 1  | 12 | 4.56 | <13 | PASS |
|       |     | 1  | 24 | 4.43 | <13 | PASS |
|       |     | 12 | 0  | 5.94 | <13 | PASS |
|       |     | 12 | 6  | 5.98 | <13 | PASS |
|       |     | 12 | 13 | 5.85 | <13 | PASS |
|       |     | 25 | 0  | 5.93 | <13 | PASS |
|       | MCH | 1  | 0  | 3.8  | <13 | PASS |
|       |     | 1  | 12 | 3.89 | <13 | PASS |
|       |     | 1  | 24 | 3.97 | <13 | PASS |
|       |     | 12 | 0  | 5.02 | <13 | PASS |
|       |     | 12 | 6  | 5.13 | <13 | PASS |
|       |     | 12 | 13 | 5.16 | <13 | PASS |
|       |     | 25 | 0  | 5.22 | <13 | PASS |
|       | HCH | 1  | 0  | 2.93 | <13 | PASS |
|       |     | 1  | 12 | 3.07 | <13 | PASS |
|       |     | 1  | 24 | 3.05 | <13 | PASS |
|       |     | 12 | 0  | 4.26 | <13 | PASS |
|       |     | 12 | 6  | 4.39 | <13 | PASS |
|       |     | 12 | 13 | 4.56 | <13 | PASS |
|       |     | 25 | 0  | 4.54 | <13 | PASS |

### Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz |         |                  |        |                               |               |         |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                           |         | Size             | Offset |                               |               |         |
| QPSK                      | LCH     | 1                | 0      | 3.6                           | <13           | PASS    |
|                           |         | 1                | 24     | 3.34                          | <13           | PASS    |
|                           |         | 1                | 49     | 2.58                          | <13           | PASS    |
|                           |         | 25               | 0      | 5.06                          | <13           | PASS    |
|                           |         | 25               | 12     | 4.82                          | <13           | PASS    |
|                           |         | 25               | 25     | 4.34                          | <13           | PASS    |
|                           |         | 50               | 0      | 4.81                          | <13           | PASS    |
|                           | MCH     | 1                | 0      | 2.54                          | <13           | PASS    |
|                           |         | 1                | 24     | 2.75                          | <13           | PASS    |
|                           |         | 1                | 49     | 2.91                          | <13           | PASS    |
|                           |         | 25               | 0      | 4.13                          | <13           | PASS    |
|                           |         | 25               | 12     | 4.24                          | <13           | PASS    |
|                           |         | 25               | 25     | 4.38                          | <13           | PASS    |
|                           |         | 50               | 0      | 4.34                          | <13           | PASS    |

|       |     |    |    |      |     |      |
|-------|-----|----|----|------|-----|------|
|       | HCH | 1  | 0  | 1.96 | <13 | PASS |
|       |     | 1  | 24 | 2.23 | <13 | PASS |
|       |     | 1  | 49 | 2.38 | <13 | PASS |
|       |     | 25 | 0  | 3.24 | <13 | PASS |
|       |     | 25 | 12 | 3.3  | <13 | PASS |
|       |     | 25 | 25 | 3.53 | <13 | PASS |
|       |     | 50 | 0  | 3.55 | <13 | PASS |
| 16QAM | LCH | 1  | 0  | 4.55 | <13 | PASS |
|       |     | 1  | 24 | 4.36 | <13 | PASS |
|       |     | 1  | 49 | 3.73 | <13 | PASS |
|       |     | 25 | 0  | 5.89 | <13 | PASS |
|       |     | 25 | 12 | 5.75 | <13 | PASS |
|       |     | 25 | 25 | 5.28 | <13 | PASS |
|       |     | 50 | 0  | 5.67 | <13 | PASS |
|       | MCH | 1  | 0  | 3.56 | <13 | PASS |
|       |     | 1  | 24 | 3.9  | <13 | PASS |
|       |     | 1  | 49 | 4.07 | <13 | PASS |
|       |     | 25 | 0  | 5.09 | <13 | PASS |
|       |     | 25 | 12 | 5.23 | <13 | PASS |
|       |     | 25 | 25 | 5.34 | <13 | PASS |
|       |     | 50 | 0  | 5.27 | <13 | PASS |
|       | HCH | 1  | 0  | 2.98 | <13 | PASS |
|       |     | 1  | 24 | 3.11 | <13 | PASS |
|       |     | 1  | 49 | 3.23 | <13 | PASS |
|       |     | 25 | 0  | 4.27 | <13 | PASS |
|       |     | 25 | 12 | 4.32 | <13 | PASS |
|       |     | 25 | 25 | 4.56 | <13 | PASS |
|       |     | 50 | 0  | 4.51 | <13 | PASS |

### Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz |         |                  |        |                               |               |         |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                           |         | Size             | Offset |                               |               |         |
| QPSK                      | LCH     | 1                | 0      | 3.65                          | <13           | PASS    |
|                           |         | 1                | 37     | 2.87                          | <13           | PASS    |
|                           |         | 1                | 74     | 1.86                          | <13           | PASS    |
|                           |         | 37               | 0      | 4.84                          | <13           | PASS    |
|                           |         | 37               | 18     | 4.24                          | <13           | PASS    |
|                           |         | 37               | 38     | 3.46                          | <13           | PASS    |
|                           |         | 75               | 0      | 4.63                          | <13           | PASS    |
|                           | MCH     | 1                | 0      | 2.21                          | <13           | PASS    |

|       |     |    |    |      |     |      |
|-------|-----|----|----|------|-----|------|
|       |     | 1  | 37 | 2.79 | <13 | PASS |
|       |     | 1  | 74 | 2.81 | <13 | PASS |
|       |     | 37 | 0  | 3.84 | <13 | PASS |
|       |     | 37 | 18 | 4.07 | <13 | PASS |
|       |     | 37 | 38 | 4.28 | <13 | PASS |
|       |     | 75 | 0  | 4.47 | <13 | PASS |
|       |     | 75 | 0  | 4.47 | <13 | PASS |
|       | HCH | 1  | 0  | 2.11 | <13 | PASS |
|       |     | 1  | 37 | 2.11 | <13 | PASS |
|       |     | 1  | 74 | 2.24 | <13 | PASS |
|       |     | 37 | 0  | 3.08 | <13 | PASS |
|       |     | 37 | 18 | 3.07 | <13 | PASS |
|       |     | 37 | 38 | 3.29 | <13 | PASS |
|       |     | 75 | 0  | 3.84 | <13 | PASS |
| 16QAM | LCH | 1  | 0  | 4.44 | <13 | PASS |
|       |     | 1  | 37 | 3.86 | <13 | PASS |
|       |     | 1  | 74 | 2.95 | <13 | PASS |
|       |     | 37 | 0  | 5.78 | <13 | PASS |
|       |     | 37 | 18 | 5.25 | <13 | PASS |
|       |     | 37 | 38 | 4.56 | <13 | PASS |
|       |     | 75 | 0  | 5.48 | <13 | PASS |
|       | MCH | 1  | 0  | 3.28 | <13 | PASS |
|       |     | 1  | 37 | 3.88 | <13 | PASS |
|       |     | 1  | 74 | 3.9  | <13 | PASS |
|       |     | 37 | 0  | 4.87 | <13 | PASS |
|       |     | 37 | 18 | 5.13 | <13 | PASS |
|       |     | 37 | 38 | 5.31 | <13 | PASS |
|       |     | 75 | 0  | 5.37 | <13 | PASS |
|       | HCH | 1  | 0  | 3.14 | <13 | PASS |
|       |     | 1  | 37 | 2.84 | <13 | PASS |
|       |     | 1  | 74 | 3.16 | <13 | PASS |
|       |     | 37 | 0  | 4.18 | <13 | PASS |
|       |     | 37 | 18 | 4.16 | <13 | PASS |
|       |     | 37 | 38 | 4.36 | <13 | PASS |
|       |     | 75 | 0  | 4.75 | <13 | PASS |

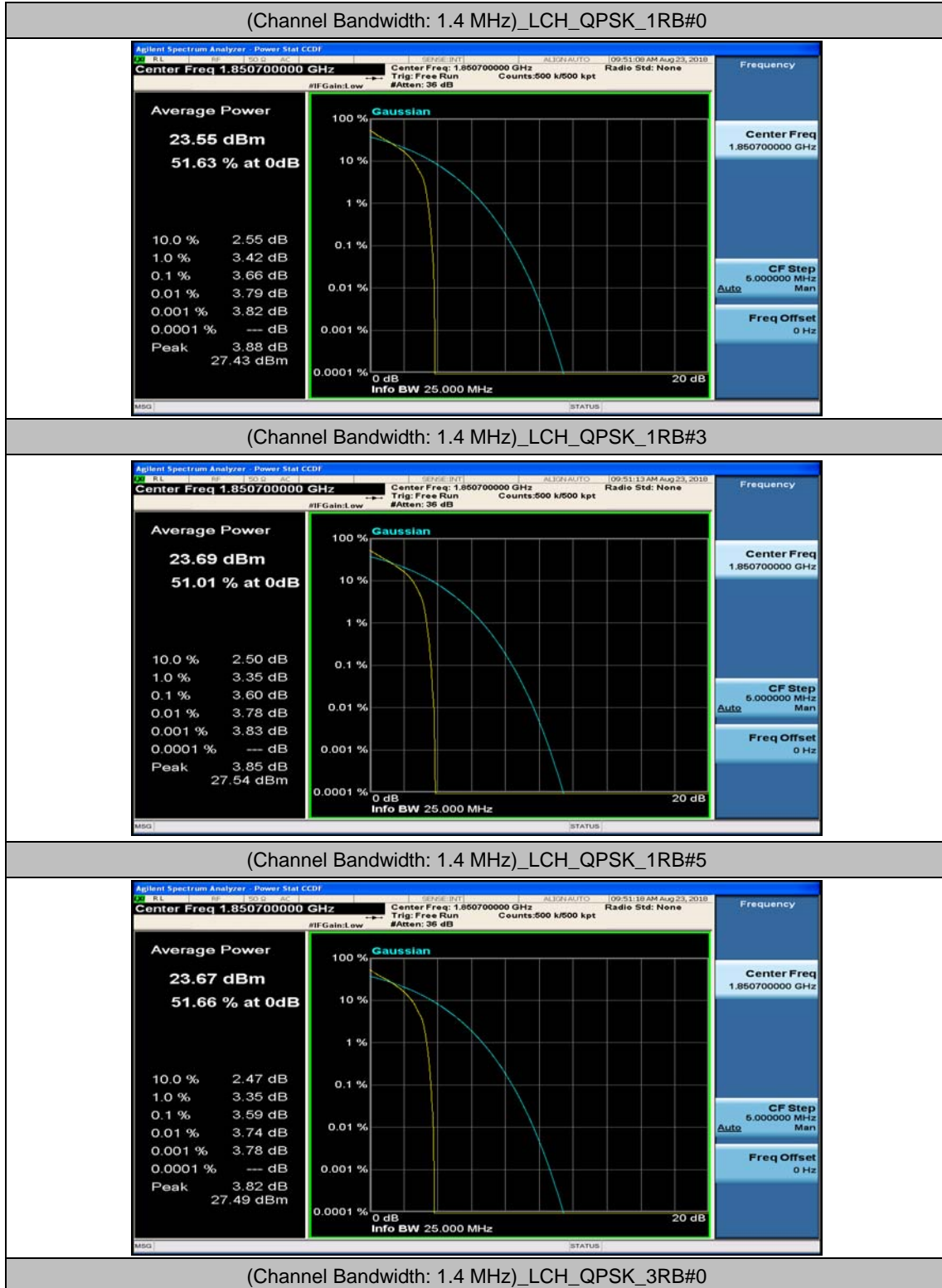
**Channel Bandwidth: 20 MHz**

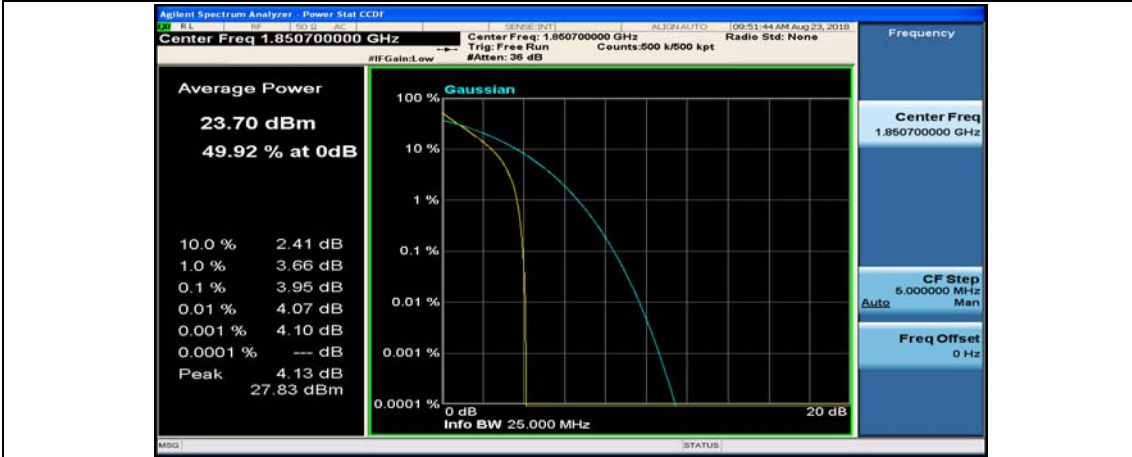
| Channel Bandwidth: 20 MHz |         |                  |        |                               |               |         |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                           |         | Size             | Offset |                               |               |         |
| QPSK                      | LCH     | 1                | 0      | 3.57                          | <13           | PASS    |
|                           |         | 1                | 49     | 2.39                          | <13           | PASS    |

|     |       |     |    |      |      |      |      |
|-----|-------|-----|----|------|------|------|------|
|     |       | 1   | 99 | 2.05 | <13  | PASS |      |
|     |       | 50  | 0  | 4.73 | <13  | PASS |      |
|     |       | 50  | 25 | 3.9  | <13  | PASS |      |
|     |       | 50  | 50 | 3.47 | <13  | PASS |      |
|     |       | 100 | 0  | 4.61 | <13  | PASS |      |
|     | MCH   | 1   | 0  | 1.91 | <13  | PASS |      |
|     |       | 1   | 49 | 2.88 | <13  | PASS |      |
|     |       | 1   | 99 | 2.73 | <13  | PASS |      |
|     |       | 50  | 0  | 4.01 | <13  | PASS |      |
|     |       | 50  | 25 | 4.32 | <13  | PASS |      |
|     |       | 50  | 50 | 4.51 | <13  | PASS |      |
|     |       | 100 | 0  | 4.65 | <13  | PASS |      |
|     | HCH   | 1   | 0  | 2.58 | <13  | PASS |      |
|     |       | 1   | 49 | 2.04 | <13  | PASS |      |
|     |       | 1   | 99 | 2.35 | <13  | PASS |      |
|     |       | 50  | 0  | 3.8  | <13  | PASS |      |
|     |       | 50  | 25 | 3.4  | <13  | PASS |      |
|     |       | 50  | 50 | 3.61 | <13  | PASS |      |
|     |       | 100 | 0  | 4.36 | <13  | PASS |      |
|     | 16QAM | LCH | 1  | 0    | 4.41 | <13  | PASS |
|     |       |     | 1  | 49   | 3.43 | <13  | PASS |
| 1   |       |     | 99 | 2.91 | <13  | PASS |      |
| 50  |       |     | 0  | 5.62 | <13  | PASS |      |
| 50  |       |     | 25 | 4.84 | <13  | PASS |      |
| 50  |       |     | 50 | 4.46 | <13  | PASS |      |
| 100 |       |     | 0  | 5.41 | <13  | PASS |      |
| MCH |       | 1   | 0  | 2.96 | <13  | PASS |      |
|     |       | 1   | 49 | 3.81 | <13  | PASS |      |
|     |       | 1   | 99 | 3.7  | <13  | PASS |      |
|     |       | 50  | 0  | 4.93 | <13  | PASS |      |
|     |       | 50  | 25 | 5.23 | <13  | PASS |      |
|     |       | 50  | 50 | 5.4  | <13  | PASS |      |
|     |       | 100 | 0  | 5.5  | <13  | PASS |      |
| HCH |       | 1   | 0  | 3.55 | <13  | PASS |      |
|     |       | 1   | 49 | 2.96 | <13  | PASS |      |
|     |       | 1   | 99 | 3.2  | <13  | PASS |      |
|     |       | 50  | 0  | 4.78 | <13  | PASS |      |
|     |       | 50  | 25 | 4.37 | <13  | PASS |      |
|     |       | 50  | 50 | 4.56 | <13  | PASS |      |
|     |       | 100 | 0  | 5.15 | <13  | PASS |      |

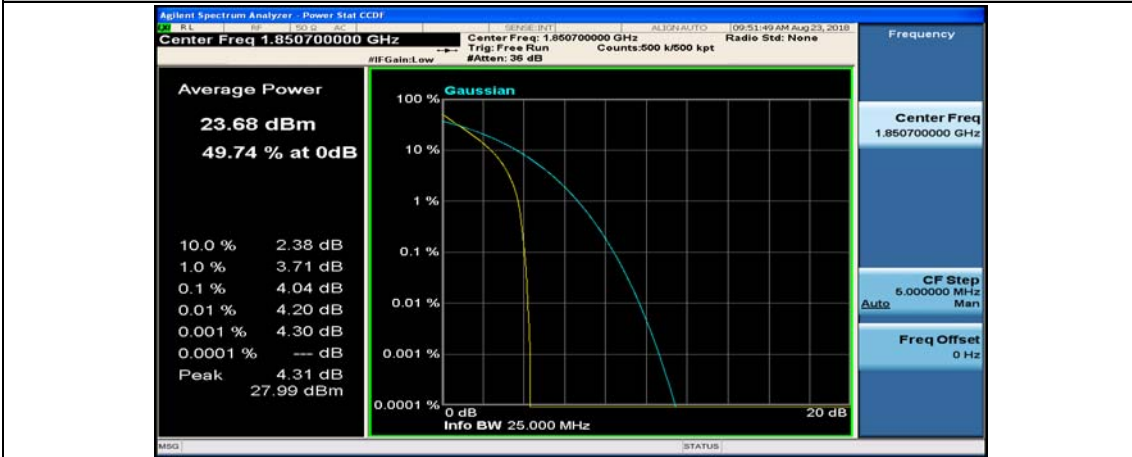
## Test Graphs

### Channel Bandwidth: 1.4 MHz





(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#2



(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#3

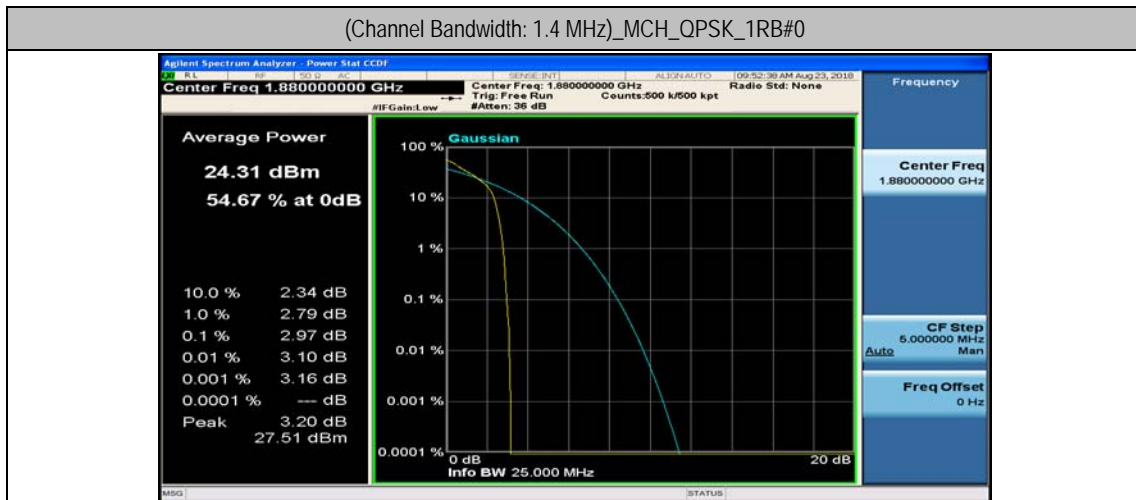


(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_6RB#0





(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#0



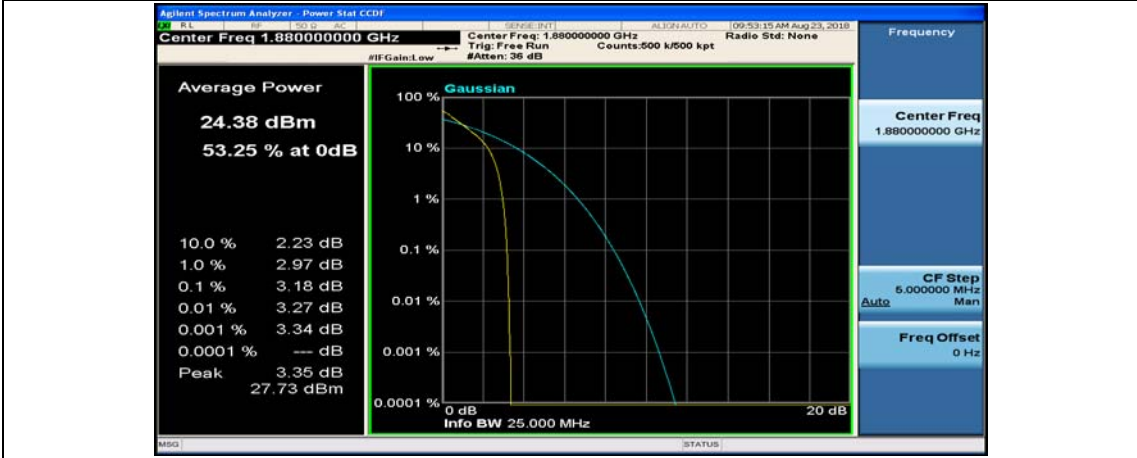
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#3



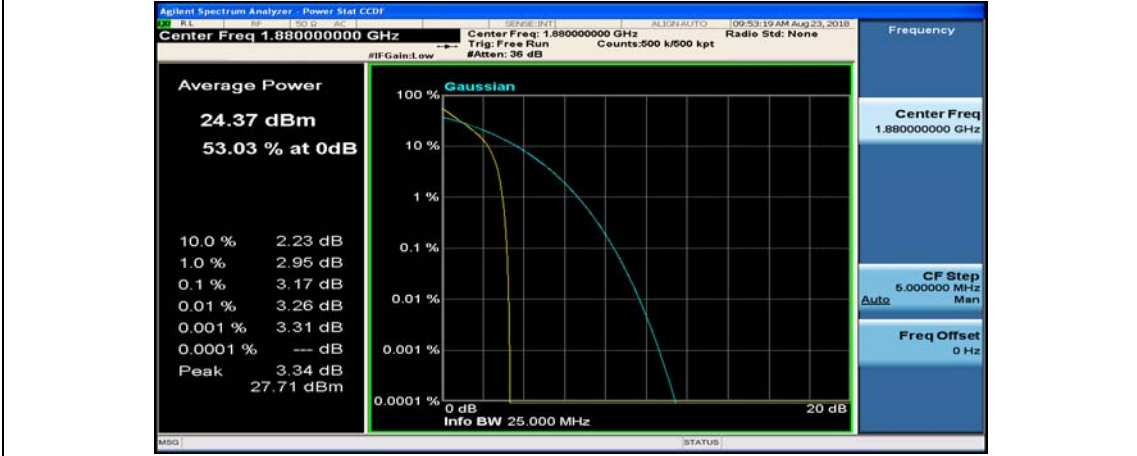
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#2



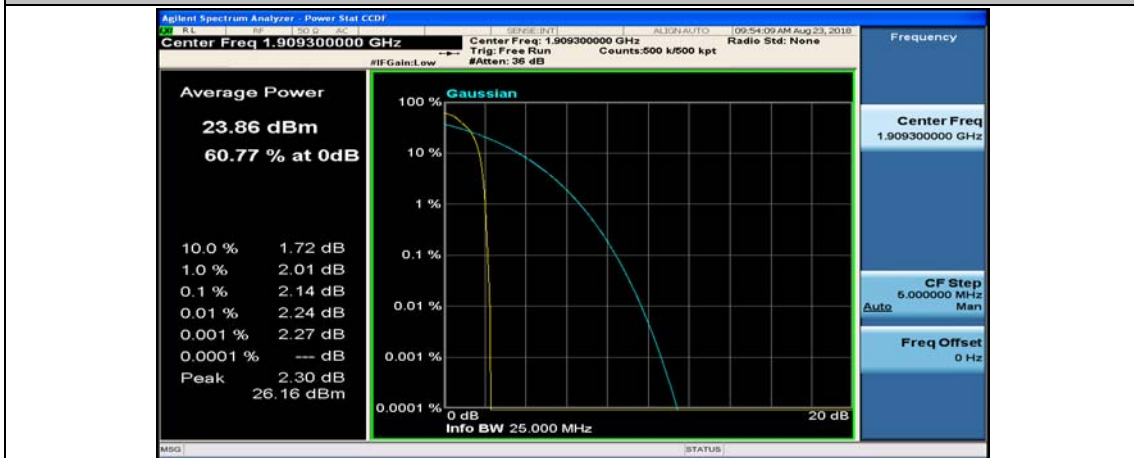
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#3



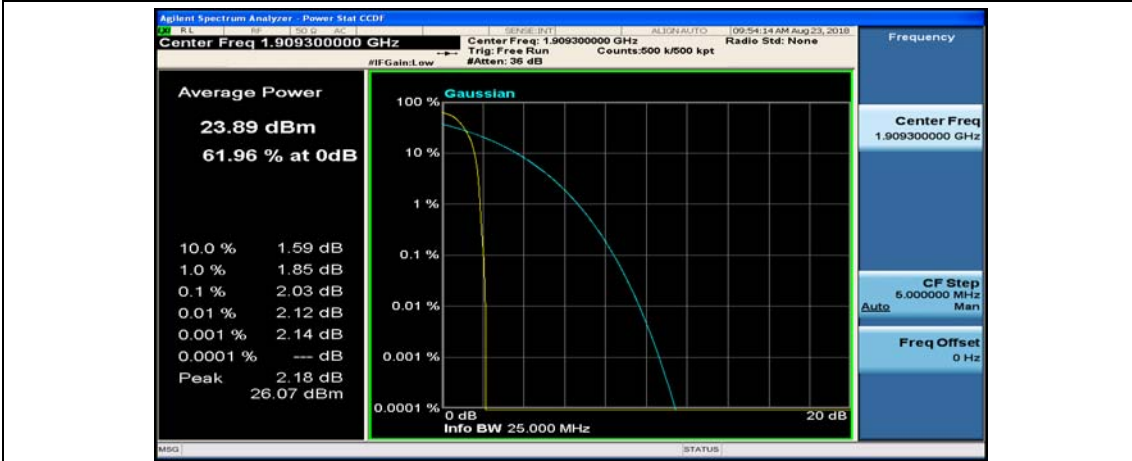
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#3



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_3RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_3RB#2



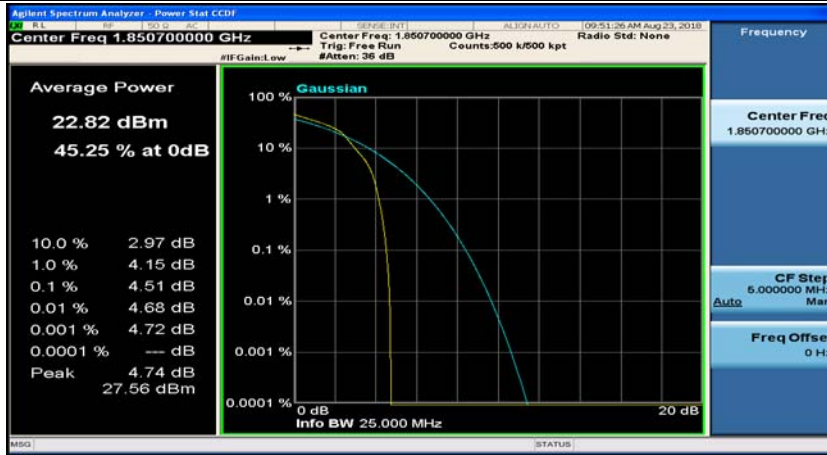
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_3RB#3



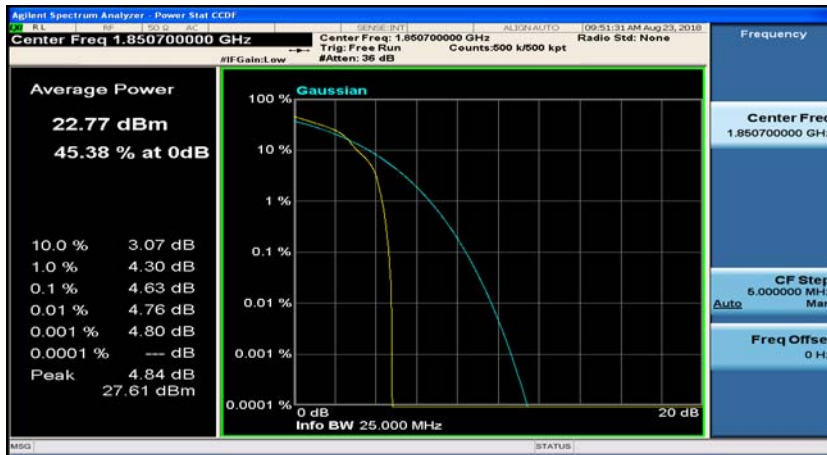
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#0



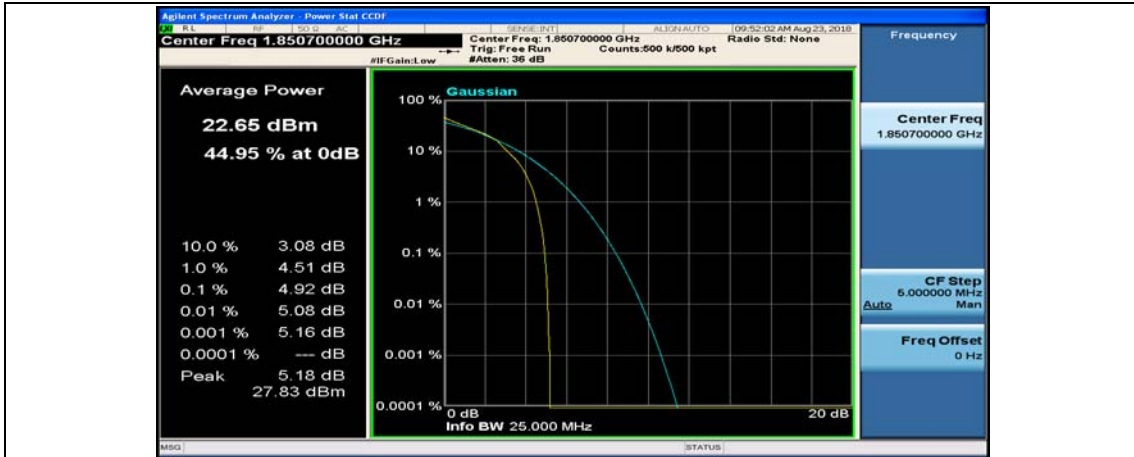
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#3



(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_3RB#0



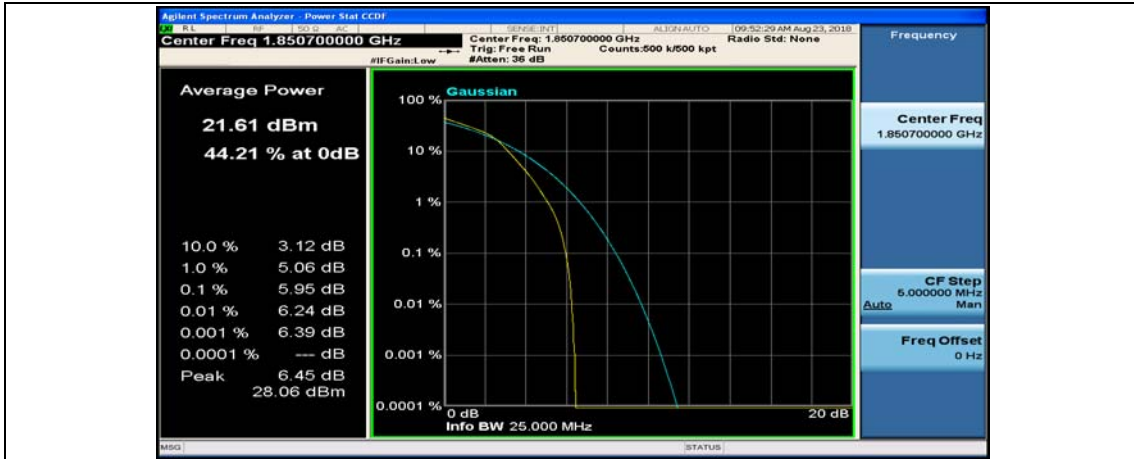
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_3RB#2



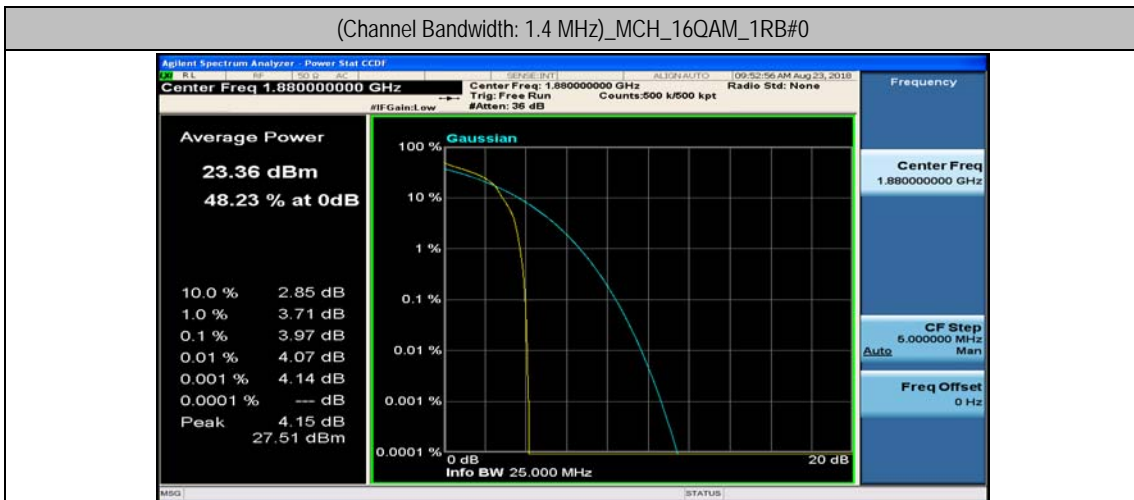
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_3RB#3



(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#0

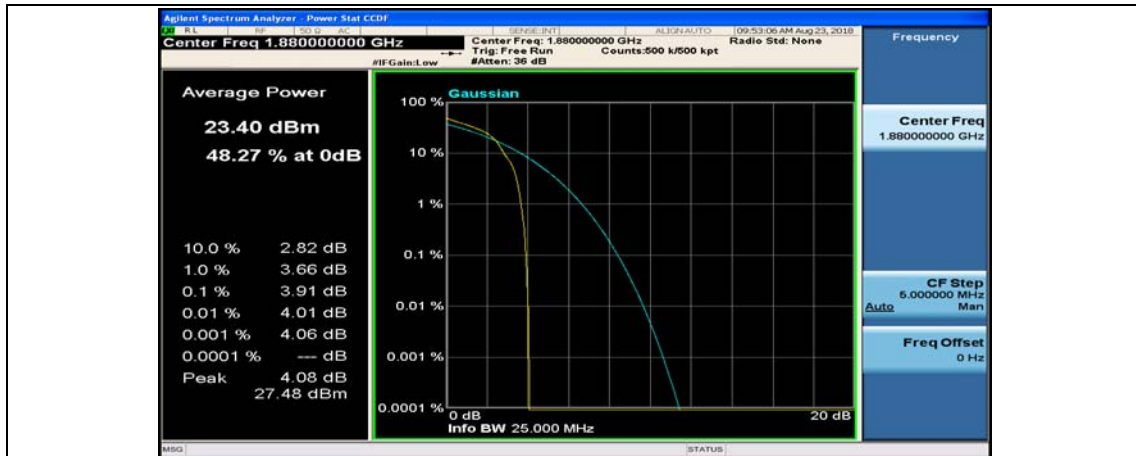


(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#3



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#5

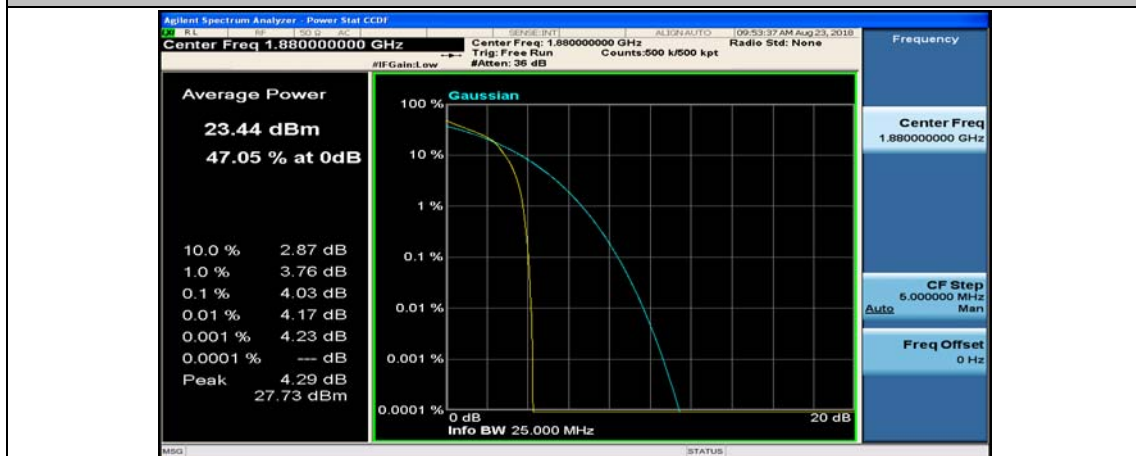




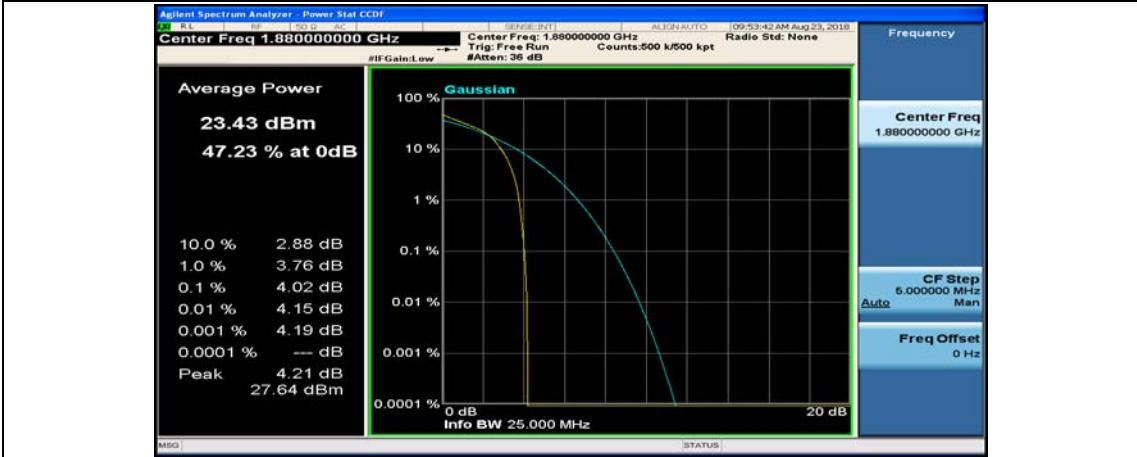
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_3RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_3RB#2



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_3RB#3



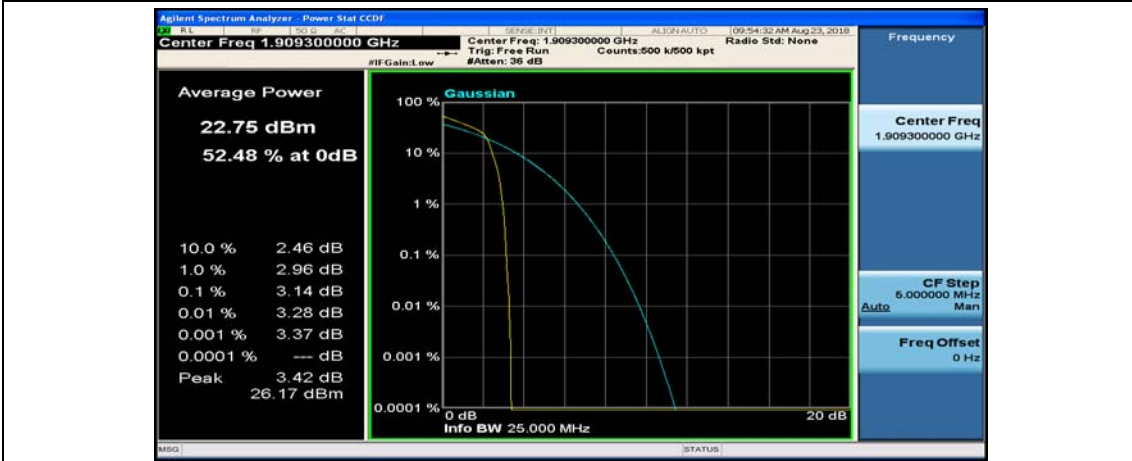
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#3



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_3RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_3RB#2



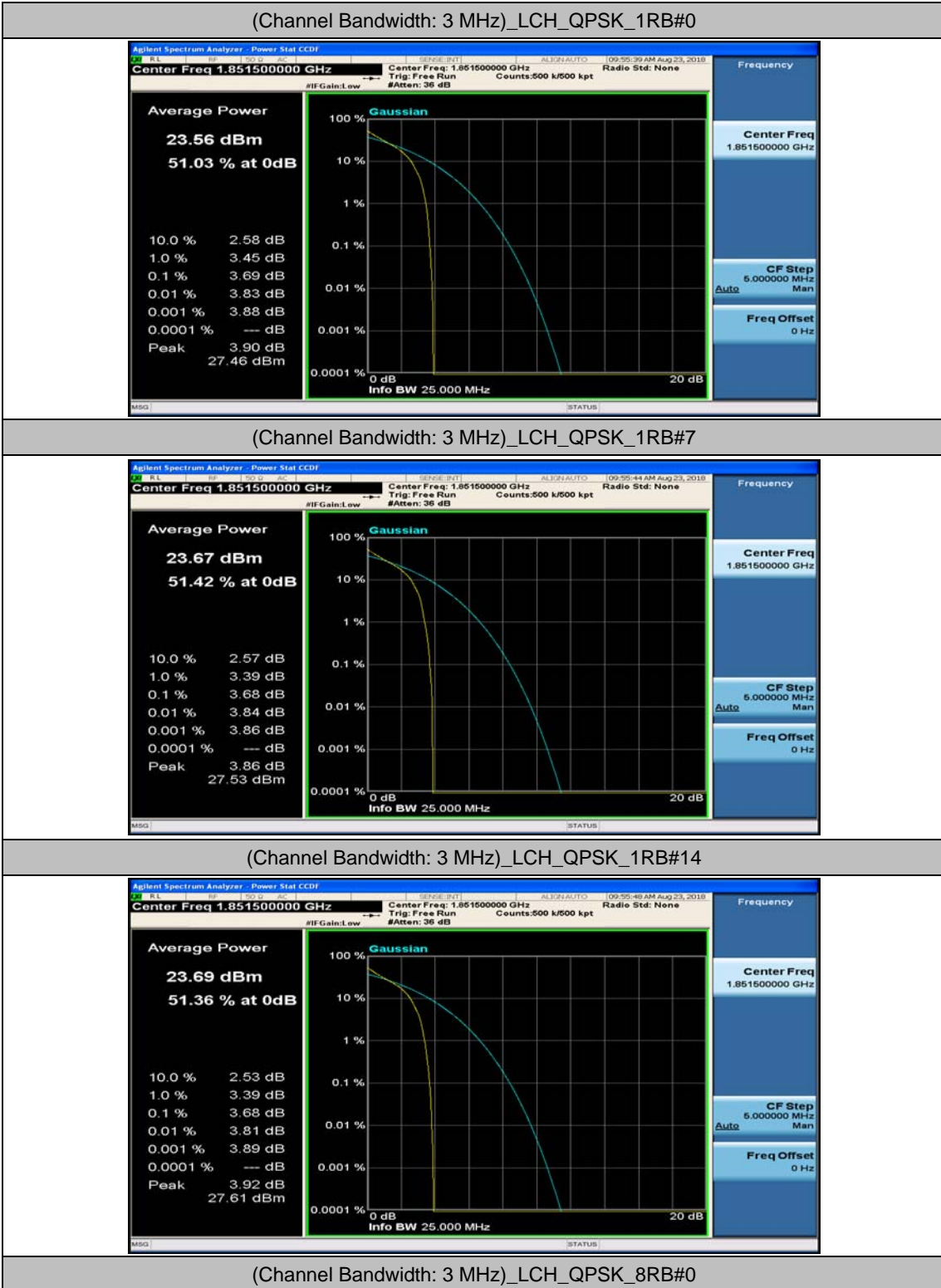
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_3RB#3



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0



Channel Bandwidth: 3 MHz





(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_8RB#4



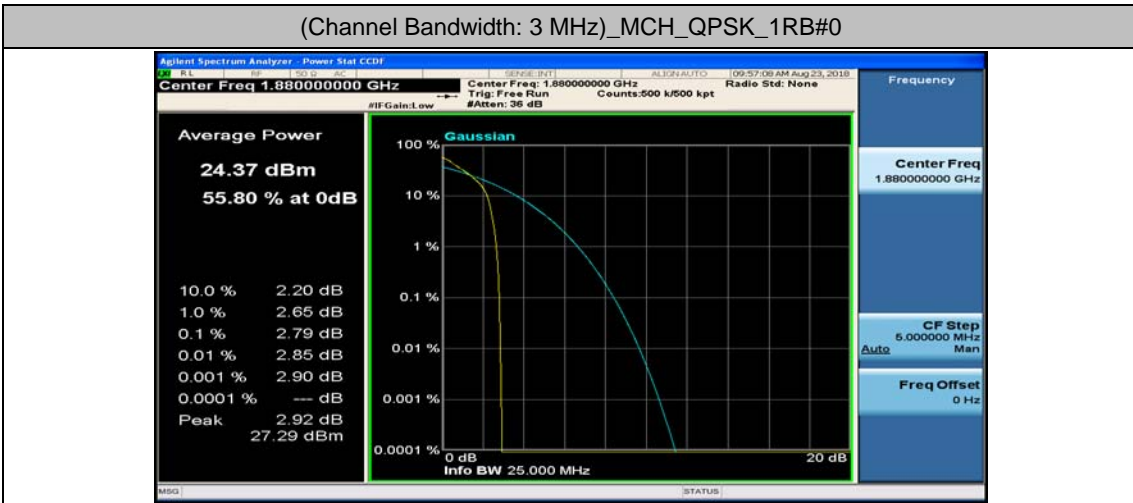
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_8RB#7



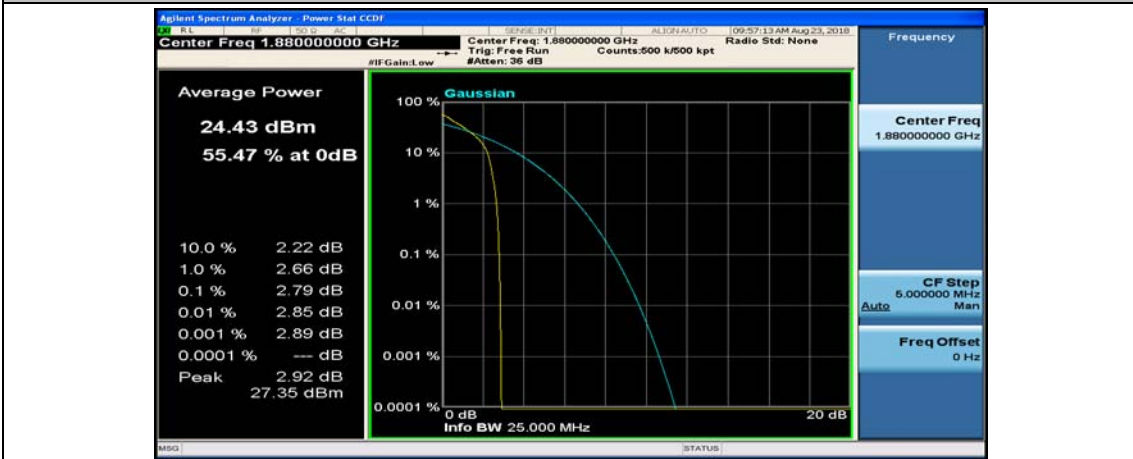
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#0



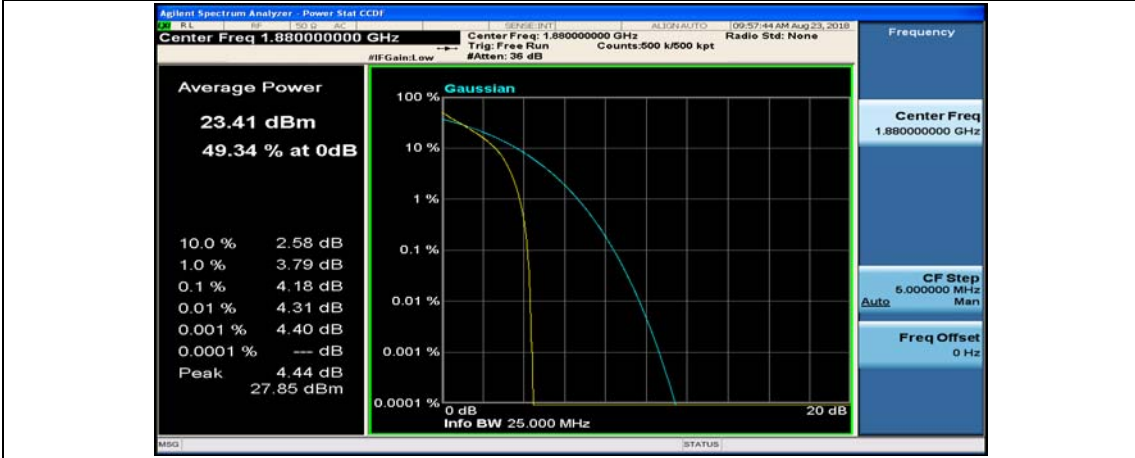
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#7



(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14



(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_8RB#0

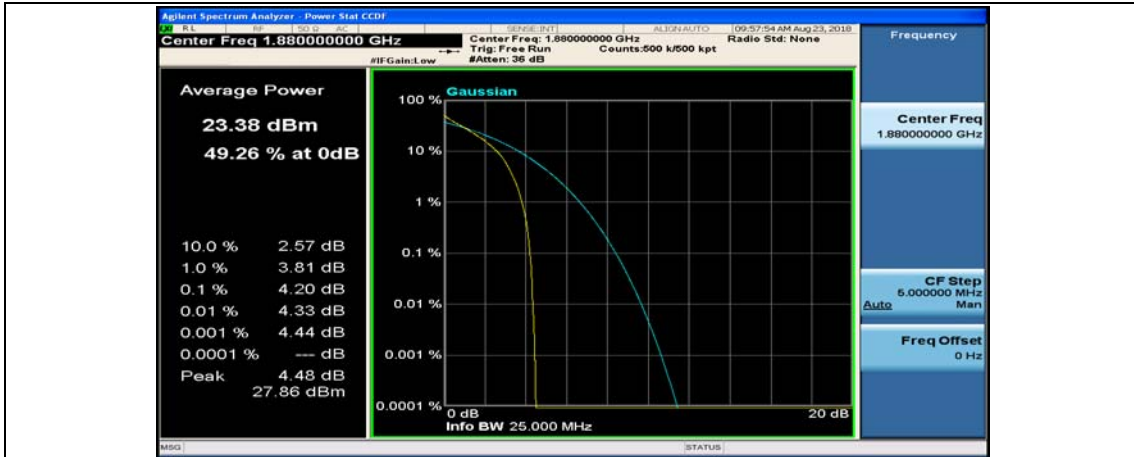


(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_8RB#4

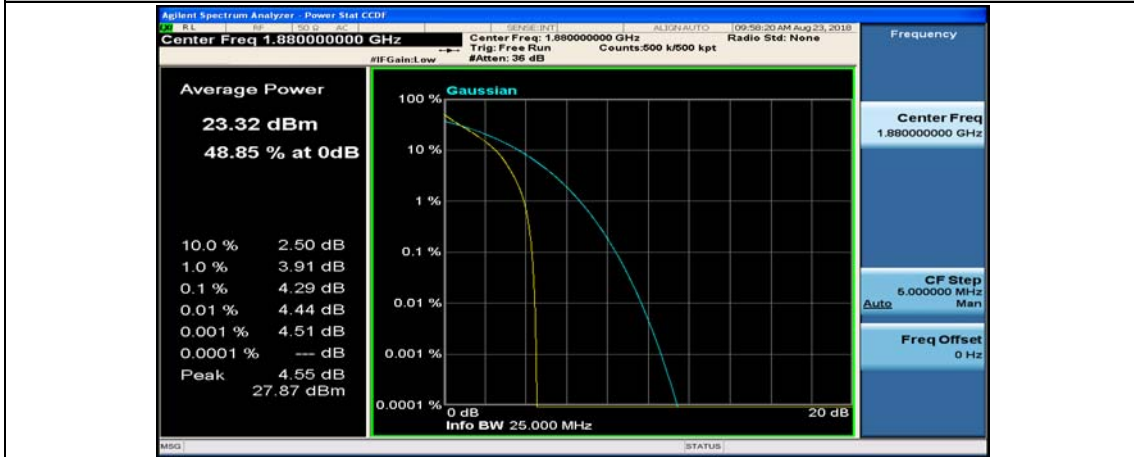


(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_8RB#7





(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_15RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#7



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#14



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#4



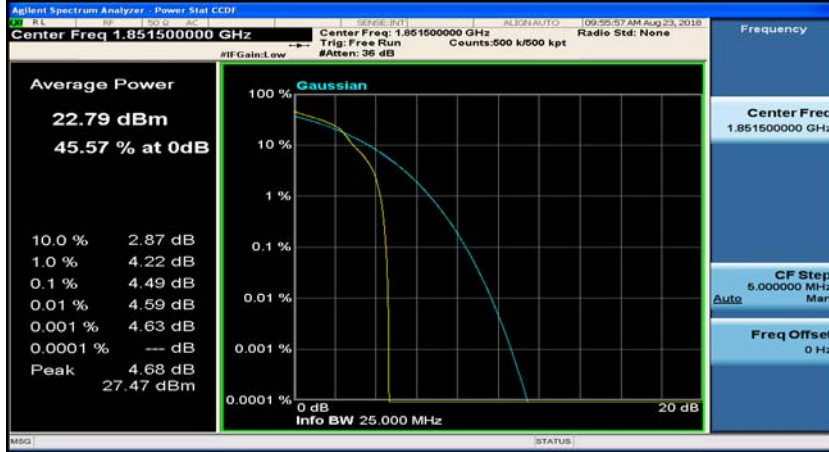
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#7



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_15RB#0



(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#7



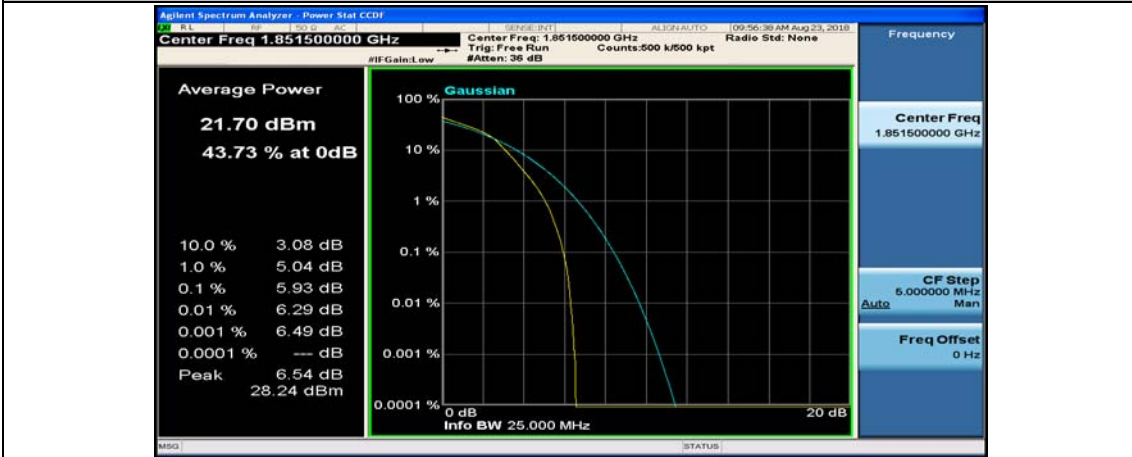
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#14



(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_8RB#0



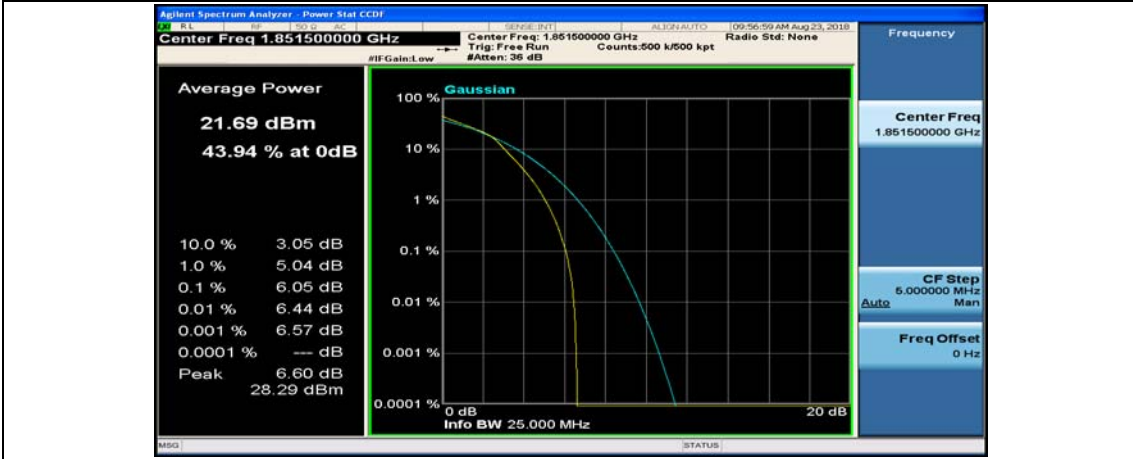
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_8RB#4



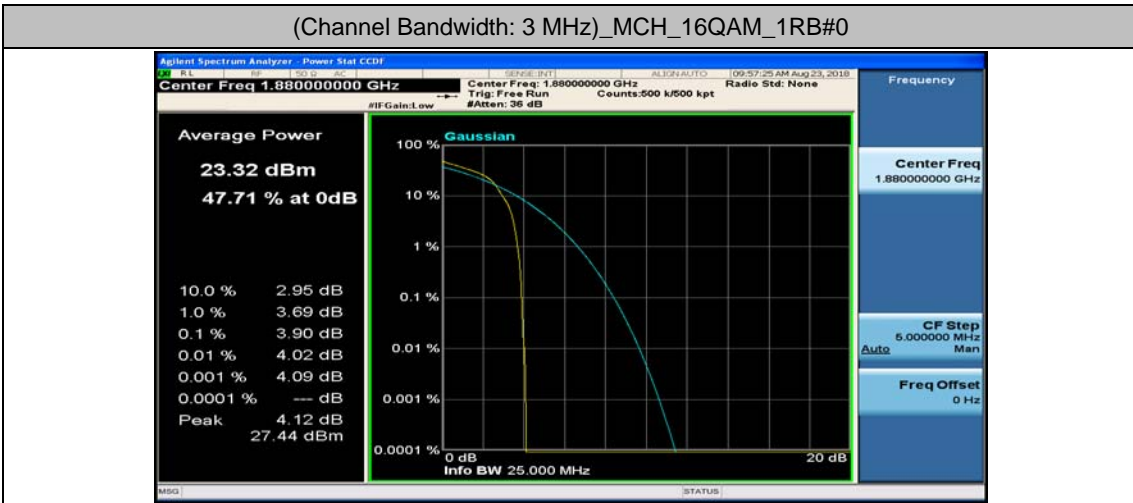
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_8RB#7



(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#7



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14



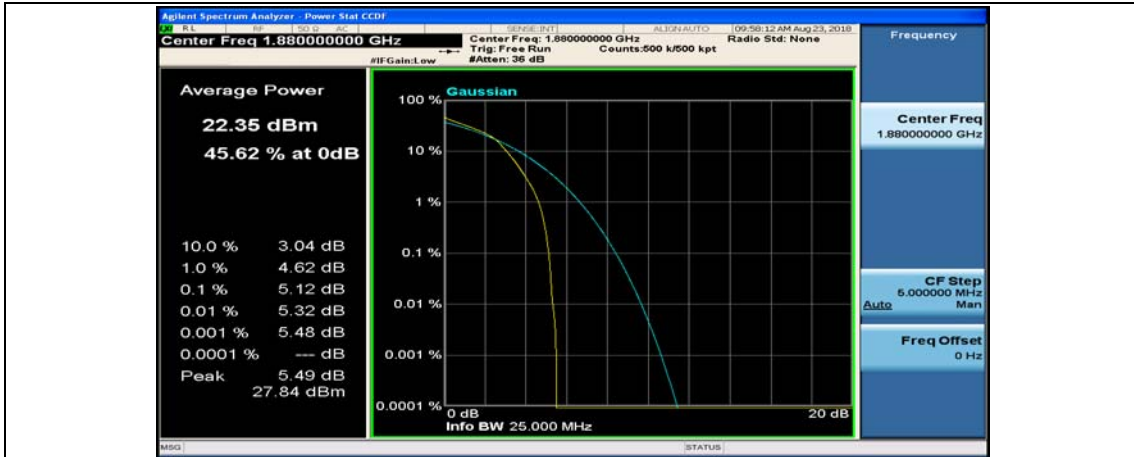
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_8RB#0



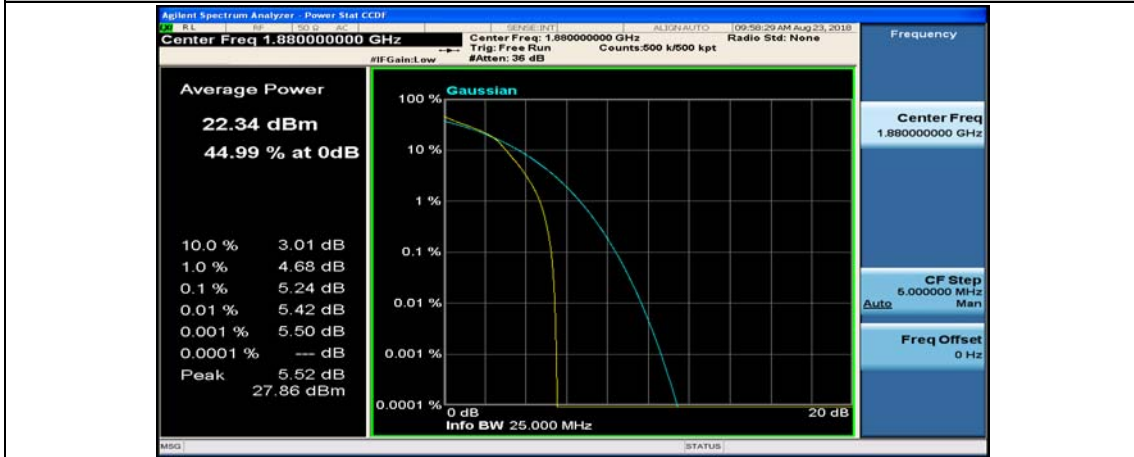
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_8RB#4



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_8RB#7



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#7

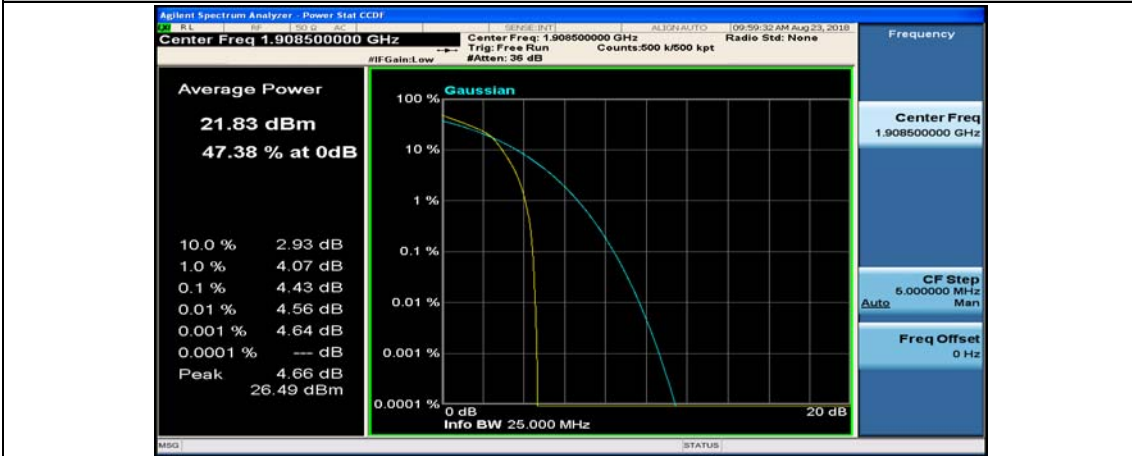




(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#14



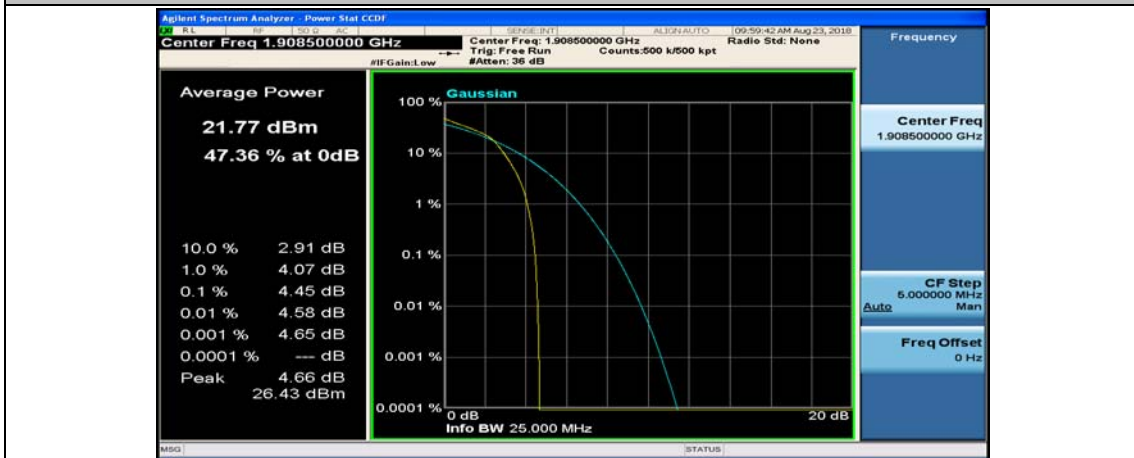
(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_8RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_8RB#4



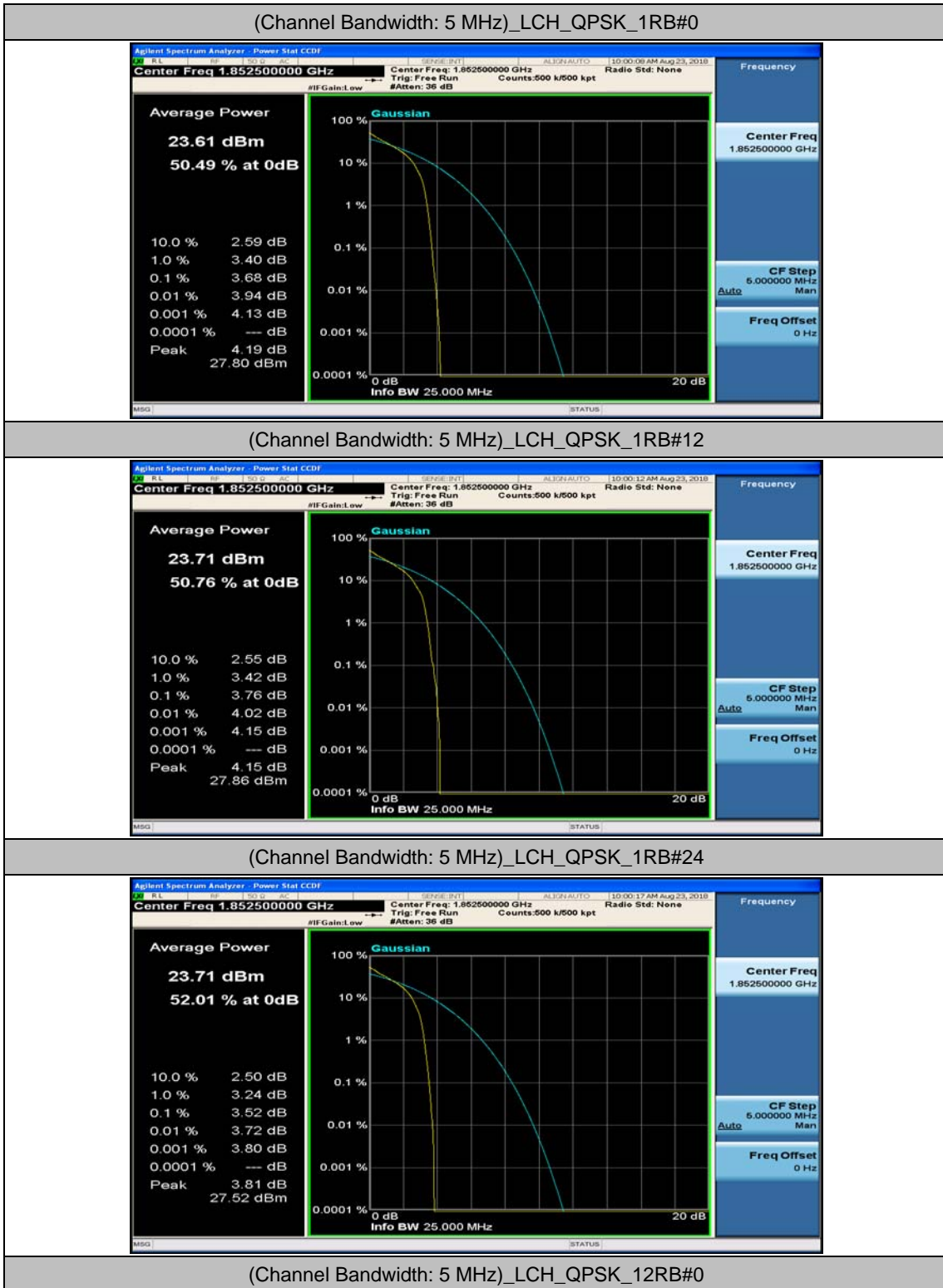
(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_8RB#7



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_15RB#0

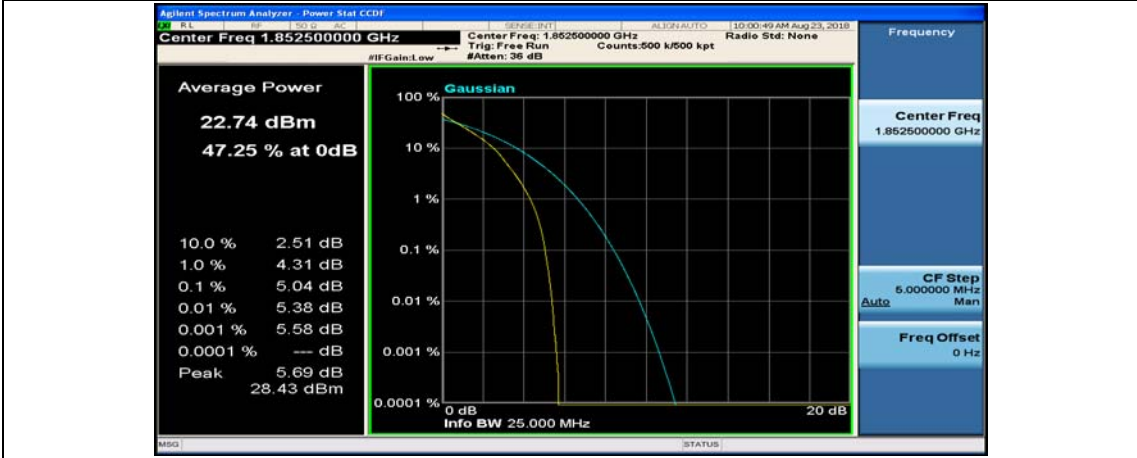


### Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



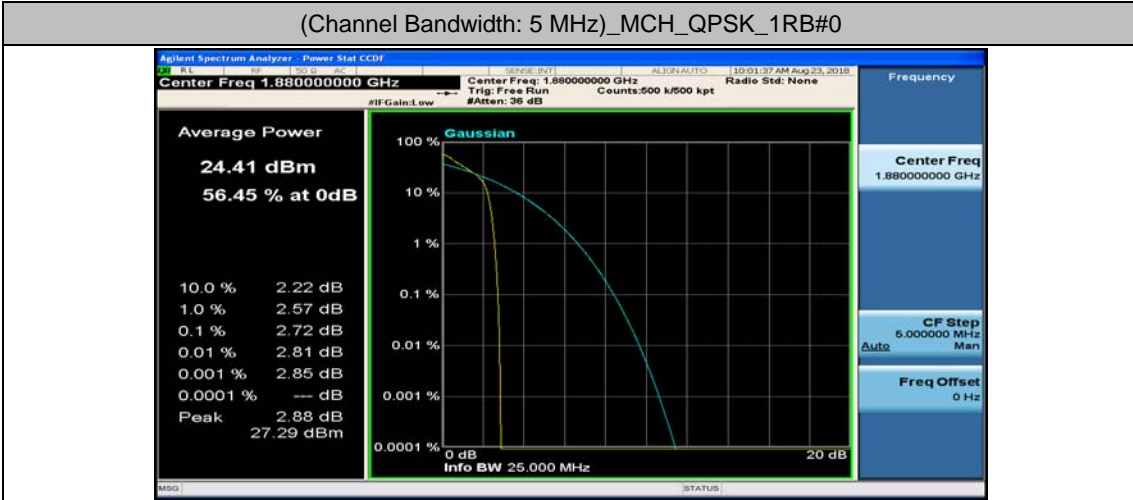
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6



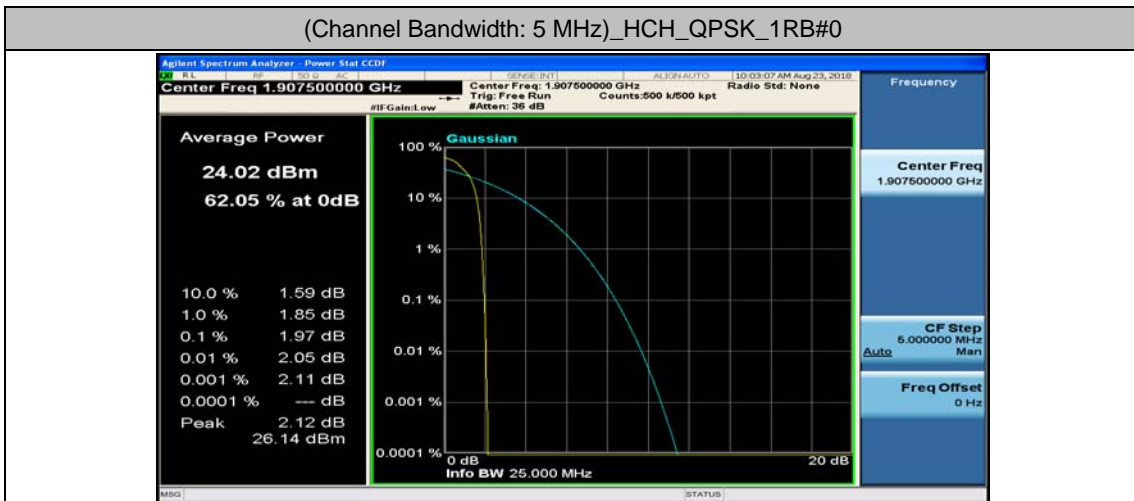
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



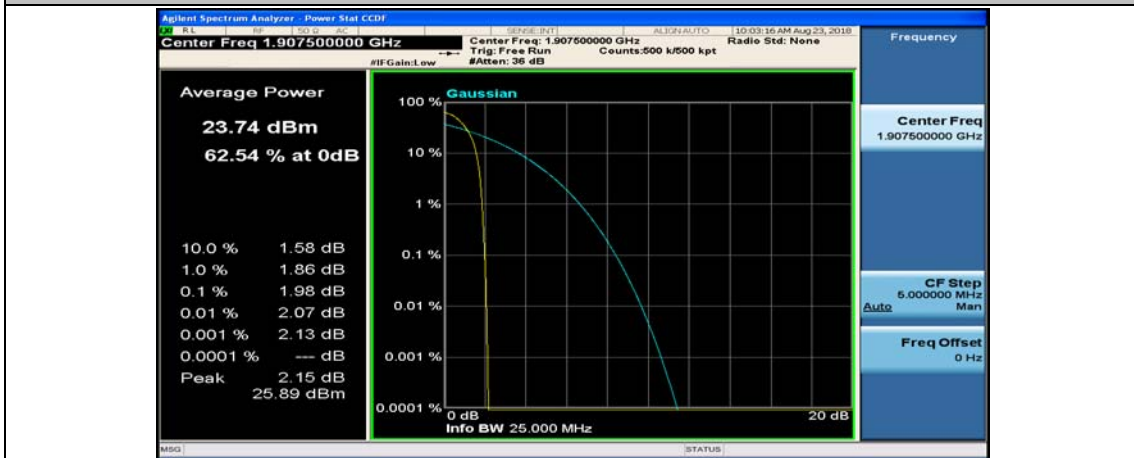
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0

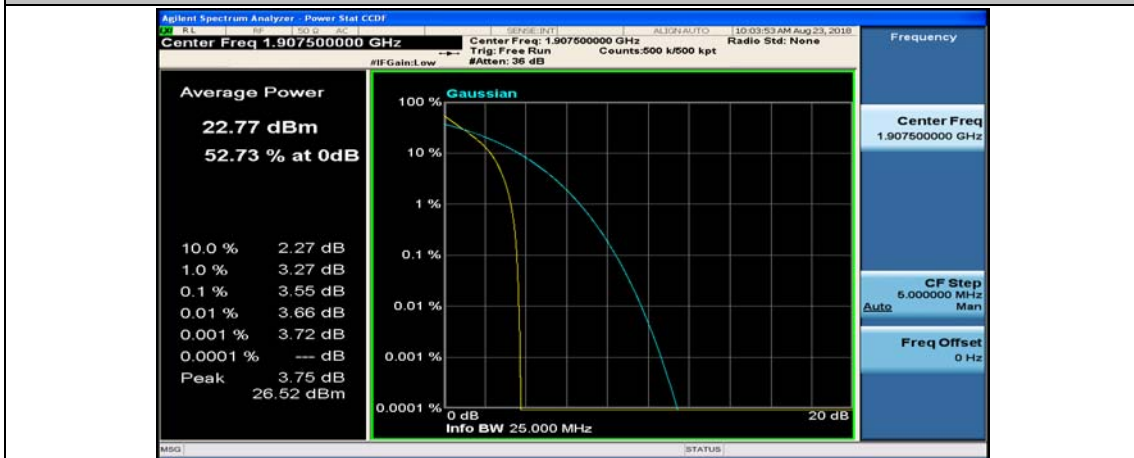


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6





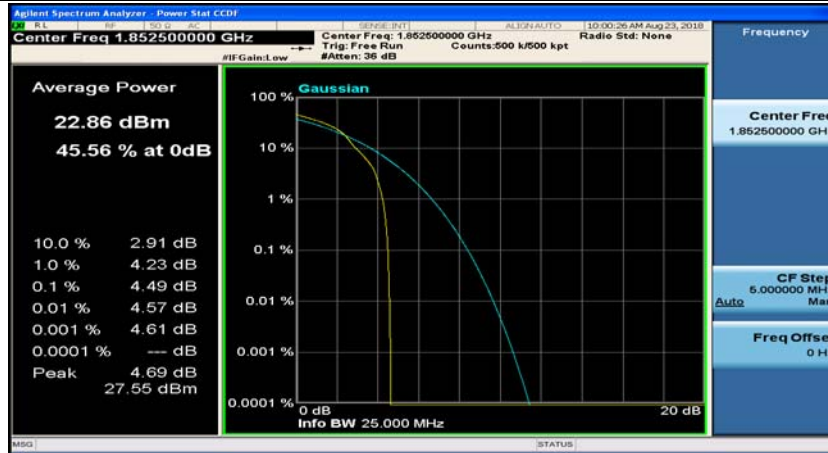
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



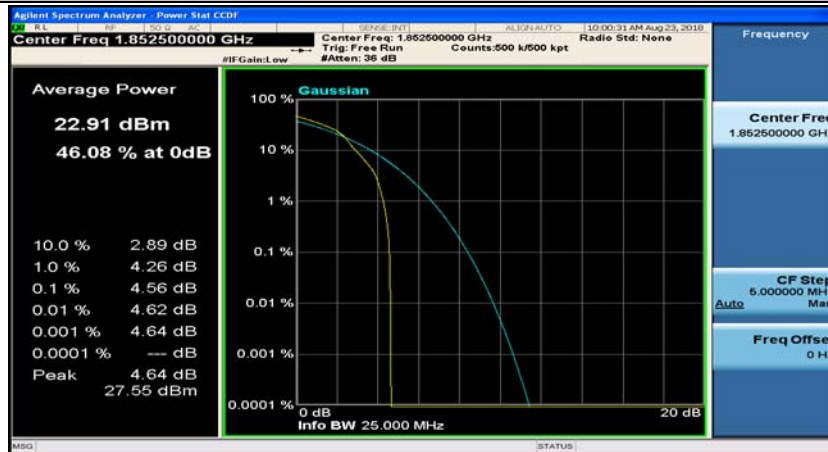
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



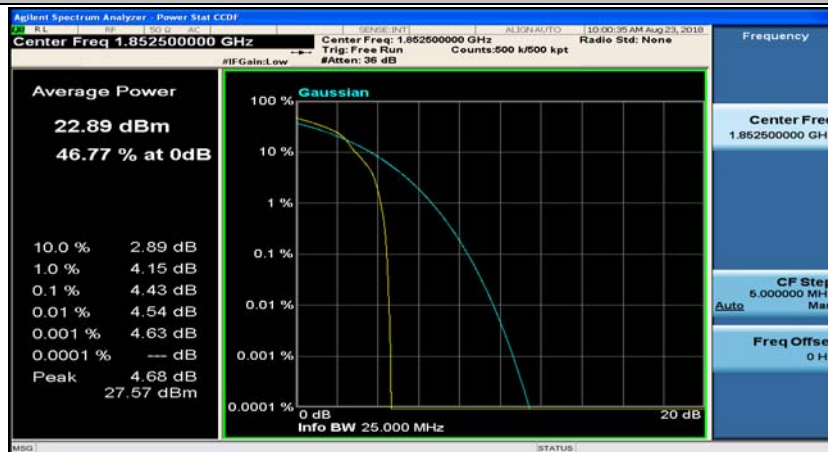
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0