

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz |         |                  |        |                     |               |         |
|--------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation               | Channel | RB Configuration |        | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
|                          |         | Size             | Offset |                     |               |         |
| QPSK                     | LCH     | 1                | 0      | 24.49               | 24.99         | PASS    |
|                          |         | 1                | 12     | 24.44               | 24.94         | PASS    |
|                          |         | 1                | 24     | 24.52               | 25.02         | PASS    |
|                          |         | 12               | 0      | 23.59               | 24.09         | PASS    |
|                          |         | 12               | 6      | 23.65               | 24.15         | PASS    |
|                          |         | 12               | 13     | 23.80               | 24.30         | PASS    |
|                          |         | 25               | 0      | 23.68               | 24.18         | PASS    |
|                          | MCH     | 1                | 0      | 23.95               | 24.45         | PASS    |
|                          |         | 1                | 12     | 23.67               | 24.17         | PASS    |
|                          |         | 1                | 24     | 24.10               | 24.60         | PASS    |
|                          |         | 12               | 0      | 22.87               | 23.37         | PASS    |
|                          |         | 12               | 6      | 22.83               | 23.33         | PASS    |
|                          |         | 12               | 13     | 22.99               | 23.49         | PASS    |
|                          |         | 25               | 0      | 22.91               | 23.41         | PASS    |
|                          | HCH     | 1                | 0      | 23.04               | 23.54         | PASS    |
|                          |         | 1                | 12     | 22.57               | 23.07         | PASS    |
|                          |         | 1                | 24     | 22.98               | 23.48         | PASS    |
|                          |         | 12               | 0      | 22.00               | 22.50         | PASS    |
|                          |         | 12               | 6      | 21.90               | 22.40         | PASS    |
|                          |         | 12               | 13     | 21.98               | 22.48         | PASS    |
|                          |         | 25               | 0      | 21.96               | 22.46         | PASS    |
| 16QAM                    | LCH     | 1                | 0      | 23.69               | 24.19         | PASS    |
|                          |         | 1                | 12     | 23.61               | 24.11         | PASS    |
|                          |         | 1                | 24     | 23.81               | 24.31         | PASS    |
|                          |         | 12               | 0      | 22.61               | 23.11         | PASS    |
|                          |         | 12               | 6      | 22.67               | 23.17         | PASS    |
|                          |         | 12               | 13     | 22.76               | 23.26         | PASS    |
|                          |         | 25               | 0      | 22.68               | 23.18         | PASS    |
|                          | MCH     | 1                | 0      | 23.18               | 23.68         | PASS    |
|                          |         | 1                | 12     | 22.90               | 23.40         | PASS    |
|                          |         | 1                | 24     | 23.24               | 23.74         | PASS    |
|                          |         | 12               | 0      | 21.92               | 22.42         | PASS    |
|                          |         | 12               | 6      | 21.87               | 22.37         | PASS    |

|  |     |    |    |       |       |      |
|--|-----|----|----|-------|-------|------|
|  |     | 12 | 13 | 22.05 | 22.55 | PASS |
|  |     | 25 | 0  | 21.92 | 22.42 | PASS |
|  | HCH | 1  | 0  | 22.31 | 22.81 | PASS |
|  |     | 1  | 12 | 21.89 | 22.39 | PASS |
|  |     | 1  | 24 | 22.28 | 22.78 | PASS |
|  |     | 12 | 0  | 21.12 | 21.62 | PASS |
|  |     | 12 | 6  | 21.01 | 21.51 | PASS |
|  |     | 12 | 13 | 21.12 | 21.62 | PASS |
|  |     | 25 | 0  | 21.06 | 21.56 | PASS |
|  |     |    |    |       |       |      |

## Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz |         |                  |        |                     |               |         |
|---------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
|                           |         | Size             | Offset |                     |               |         |
| QPSK                      | LCH     | 1                | 0      | 23.84               | 24.34         | PASS    |
|                           |         | 1                | 24     | 24.24               | 24.74         | PASS    |
|                           |         | 1                | 49     | 24.39               | 24.89         | PASS    |
|                           |         | 25               | 0      | 23.53               | 24.03         | PASS    |
|                           |         | 25               | 12     | 23.59               | 24.09         | PASS    |
|                           |         | 25               | 25     | 23.66               | 24.16         | PASS    |
|                           |         | 50               | 0      | 23.60               | 24.10         | PASS    |
|                           |         |                  |        |                     |               |         |
|                           | MCH     | 1                | 0      | 23.23               | 23.73         | PASS    |
|                           |         | 1                | 24     | 23.49               | 23.99         | PASS    |
|                           |         | 1                | 49     | 23.54               | 24.04         | PASS    |
|                           |         | 25               | 0      | 22.56               | 23.06         | PASS    |
|                           |         | 25               | 12     | 22.71               | 23.21         | PASS    |
|                           |         | 25               | 25     | 22.86               | 23.36         | PASS    |
|                           |         | 50               | 0      | 22.72               | 23.22         | PASS    |
|                           |         |                  |        |                     |               |         |
|                           | HCH     | 1                | 0      | 22.61               | 23.11         | PASS    |
|                           |         | 1                | 24     | 22.43               | 22.93         | PASS    |
|                           |         | 1                | 49     | 22.38               | 22.88         | PASS    |
|                           |         | 25               | 0      | 21.82               | 22.32         | PASS    |
|                           |         | 25               | 12     | 21.75               | 22.25         | PASS    |
|                           |         | 25               | 25     | 21.78               | 22.28         | PASS    |
|                           |         | 50               | 0      | 21.80               | 22.30         | PASS    |
|                           |         |                  |        |                     |               |         |
| 16QAM                     | LCH     | 1                | 0      | 23.11               | 23.61         | PASS    |
|                           |         | 1                | 24     | 23.59               | 24.09         | PASS    |
|                           |         | 1                | 49     | 23.72               | 24.22         | PASS    |
|                           |         | 25               | 0      | 22.55               | 23.05         | PASS    |
|                           |         | 25               | 12     | 22.66               | 23.16         | PASS    |

|  |     |    |    |       |       |      |
|--|-----|----|----|-------|-------|------|
|  |     | 25 | 25 | 22.60 | 23.10 | PASS |
|  |     | 50 | 0  | 22.69 | 23.19 | PASS |
|  | MCH | 1  | 0  | 22.51 | 23.01 | PASS |
|  |     | 1  | 24 | 22.78 | 23.28 | PASS |
|  |     | 1  | 49 | 22.93 | 23.43 | PASS |
|  |     | 25 | 0  | 21.59 | 22.09 | PASS |
|  |     | 25 | 12 | 21.74 | 22.24 | PASS |
|  |     | 25 | 25 | 21.89 | 22.39 | PASS |
|  |     | 50 | 0  | 21.75 | 22.25 | PASS |
|  |     | 1  | 0  | 21.89 | 22.39 | PASS |
|  | HCH | 1  | 24 | 21.79 | 22.29 | PASS |
|  |     | 1  | 49 | 21.74 | 22.24 | PASS |
|  |     | 25 | 0  | 20.93 | 21.43 | PASS |
|  |     | 25 | 12 | 20.87 | 21.37 | PASS |
|  |     | 25 | 25 | 20.88 | 21.38 | PASS |
|  |     | 50 | 0  | 20.90 | 21.40 | PASS |

## Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz |         |                  |        |                     |               |         |
|---------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
|                           |         | Size             | Offset |                     |               |         |
| QPSK                      | LCH     | 1                | 0      | 24.00               | 24.50         | PASS    |
|                           |         | 1                | 37     | 24.33               | 24.83         | PASS    |
|                           |         | 1                | 74     | 24.37               | 24.87         | PASS    |
|                           |         | 37               | 0      | 23.58               | 24.08         | PASS    |
|                           |         | 37               | 18     | 23.68               | 24.18         | PASS    |
|                           |         | 37               | 38     | 23.72               | 24.22         | PASS    |
|                           |         | 75               | 0      | 23.75               | 24.25         | PASS    |
|                           | MCH     | 1                | 0      | 23.32               | 23.82         | PASS    |
|                           |         | 1                | 37     | 23.46               | 23.96         | PASS    |
|                           |         | 1                | 74     | 23.80               | 24.30         | PASS    |
|                           |         | 37               | 0      | 22.49               | 22.99         | PASS    |
|                           |         | 37               | 18     | 22.62               | 23.12         | PASS    |
|                           |         | 37               | 38     | 22.92               | 23.42         | PASS    |
|                           |         | 75               | 0      | 22.70               | 23.20         | PASS    |
|                           | HCH     | 1                | 0      | 22.82               | 23.32         | PASS    |
|                           |         | 1                | 37     | 22.31               | 22.81         | PASS    |
|                           |         | 1                | 74     | 22.41               | 22.91         | PASS    |
|                           |         | 37               | 0      | 21.84               | 22.34         | PASS    |
|                           |         | 37               | 18     | 21.66               | 22.16         | PASS    |

|       |     |    |    |       |       |      |
|-------|-----|----|----|-------|-------|------|
| 16QAM | LCH | 37 | 38 | 21.64 | 22.14 | PASS |
|       |     | 75 | 0  | 21.72 | 22.22 | PASS |
|       |     | 1  | 0  | 23.27 | 23.77 | PASS |
|       |     | 1  | 37 | 23.66 | 24.16 | PASS |
|       |     | 1  | 74 | 23.84 | 24.34 | PASS |
|       |     | 37 | 0  | 22.63 | 23.13 | PASS |
|       |     | 37 | 18 | 22.69 | 23.19 | PASS |
|       |     | 37 | 38 | 22.59 | 23.09 | PASS |
|       | MCH | 75 | 0  | 22.74 | 23.24 | PASS |
|       |     | 1  | 0  | 22.58 | 23.08 | PASS |
|       |     | 1  | 37 | 22.73 | 23.23 | PASS |
|       |     | 1  | 74 | 23.18 | 23.68 | PASS |
|       |     | 37 | 0  | 21.51 | 22.01 | PASS |
|       |     | 37 | 18 | 21.65 | 22.15 | PASS |
|       |     | 37 | 38 | 21.95 | 22.45 | PASS |
|       |     | 75 | 0  | 21.74 | 22.24 | PASS |
|       | HCH | 1  | 0  | 22.13 | 22.63 | PASS |
|       |     | 1  | 37 | 21.67 | 22.17 | PASS |
|       |     | 1  | 74 | 21.73 | 22.23 | PASS |
|       |     | 37 | 0  | 20.91 | 21.41 | PASS |
|       |     | 37 | 18 | 20.77 | 21.27 | PASS |
|       |     | 37 | 38 | 20.76 | 21.26 | PASS |
|       |     | 75 | 0  | 20.85 | 21.35 | PASS |

## Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz |         |                  |        |                     |               |         |
|---------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
|                           |         | Size             | Offset |                     |               |         |
| QPSK                      | LCH     | 1                | 0      | 24.15               | 24.65         | PASS    |
|                           |         | 1                | 49     | 24.21               | 24.71         | PASS    |
|                           |         | 1                | 99     | 24.26               | 24.76         | PASS    |
|                           |         | 50               | 0      | 23.68               | 24.18         | PASS    |
|                           |         | 50               | 25     | 23.63               | 24.13         | PASS    |
|                           |         | 50               | 50     | 23.74               | 24.24         | PASS    |
|                           |         | 100              | 0      | 23.76               | 24.26         | PASS    |
|                           | MCH     | 1                | 0      | 23.22               | 23.72         | PASS    |
|                           |         | 1                | 49     | 23.42               | 23.92         | PASS    |
|                           |         | 1                | 99     | 23.74               | 24.24         | PASS    |
|                           |         | 50               | 0      | 22.43               | 22.93         | PASS    |
|                           |         | 50               | 25     | 22.58               | 23.08         | PASS    |

|       |     |     |    |       |       |      |
|-------|-----|-----|----|-------|-------|------|
|       |     | 50  | 50 | 22.90 | 23.40 | PASS |
|       |     | 100 | 0  | 22.67 | 23.17 | PASS |
|       | HCH | 1   | 0  | 23.23 | 23.73 | PASS |
|       |     | 1   | 49 | 22.38 | 22.88 | PASS |
|       |     | 1   | 99 | 22.35 | 22.85 | PASS |
|       |     | 50  | 0  | 21.94 | 22.44 | PASS |
|       |     | 50  | 25 | 21.64 | 22.14 | PASS |
|       |     | 50  | 50 | 21.56 | 22.06 | PASS |
|       |     | 100 | 0  | 21.77 | 22.27 | PASS |
|       |     |     |    |       |       |      |
| 16QAM | LCH | 1   | 0  | 23.40 | 23.90 | PASS |
|       |     | 1   | 49 | 23.81 | 24.31 | PASS |
|       |     | 1   | 99 | 24.21 | 24.71 | PASS |
|       |     | 50  | 0  | 22.70 | 23.20 | PASS |
|       |     | 50  | 25 | 22.56 | 23.06 | PASS |
|       |     | 50  | 50 | 22.66 | 23.16 | PASS |
|       |     | 100 | 0  | 22.69 | 23.19 | PASS |
|       | MCH | 1   | 0  | 22.65 | 23.15 | PASS |
|       |     | 1   | 49 | 22.72 | 23.22 | PASS |
|       |     | 1   | 99 | 23.19 | 23.69 | PASS |
|       |     | 50  | 0  | 21.43 | 21.93 | PASS |
|       |     | 50  | 25 | 21.61 | 22.11 | PASS |
|       |     | 50  | 50 | 21.93 | 22.43 | PASS |
|       |     | 100 | 0  | 21.70 | 22.20 | PASS |
|       | HCH | 1   | 0  | 22.54 | 23.04 | PASS |
|       |     | 1   | 49 | 21.69 | 22.19 | PASS |
|       |     | 1   | 99 | 21.68 | 22.18 | PASS |
|       |     | 50  | 0  | 21.03 | 21.53 | PASS |
|       |     | 50  | 25 | 20.76 | 21.26 | PASS |
|       |     | 50  | 50 | 20.69 | 21.19 | PASS |
|       |     | 100 | 0  | 20.87 | 21.37 | PASS |

## Appendix B: Peak-to-Average Ratio

### Test Result

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      | 6.32                          | <13           | PASS    |
|                          |         | 1                | 12     | 7.46                          | <13           | PASS    |
|                          |         | 1                | 24     | 6.55                          | <13           | PASS    |
|                          |         | 12               | 0      | 7.95                          | <13           | PASS    |
|                          |         | 12               | 6      | 8.85                          | <13           | PASS    |
|                          |         | 12               | 13     | 7.57                          | <13           | PASS    |
|                          |         | 25               | 0      | 7.34                          | <13           | PASS    |
|                          | MCH     | 1                | 0      | 8.95                          | <13           | PASS    |
|                          |         | 1                | 12     | 7.15                          | <13           | PASS    |
|                          |         | 1                | 24     | 8.63                          | <13           | PASS    |
|                          |         | 12               | 0      | 8.48                          | <13           | PASS    |
|                          |         | 12               | 6      | 9.45                          | <13           | PASS    |
|                          |         | 12               | 13     | 8.95                          | <13           | PASS    |
|                          |         | 25               | 0      | 8.99                          | <13           | PASS    |
|                          | HCH     | 1                | 0      | 7.64                          | <13           | PASS    |
|                          |         | 1                | 12     | 6.29                          | <13           | PASS    |
|                          |         | 1                | 24     | 5.28                          | <13           | PASS    |
|                          |         | 12               | 0      | 6.55                          | <13           | PASS    |
|                          |         | 12               | 6      | 9.6                           | <13           | PASS    |
|                          |         | 12               | 13     | 8.13                          | <13           | PASS    |
|                          |         | 25               | 0      | 8.53                          | <13           | PASS    |
| 16QAM                    | LCH     | 1                | 0      | 6.7                           | <13           | PASS    |
|                          |         | 1                | 12     | 7.17                          | <13           | PASS    |
|                          |         | 1                | 24     | 7.04                          | <13           | PASS    |
|                          |         | 12               | 0      | 7.97                          | <13           | PASS    |
|                          |         | 12               | 6      | 5.96                          | <13           | PASS    |
|                          |         | 12               | 13     | 9.93                          | <13           | PASS    |

|  |     |    |    |      |     |      |
|--|-----|----|----|------|-----|------|
|  | MCH | 25 | 0  | 7.34 | <13 | PASS |
|  |     | 1  | 0  | 8.63 | <13 | PASS |
|  |     | 1  | 12 | 8.19 | <13 | PASS |
|  |     | 1  | 24 | 9.24 | <13 | PASS |
|  |     | 12 | 0  | 8.83 | <13 | PASS |
|  |     | 12 | 6  | 7.38 | <13 | PASS |
|  |     | 12 | 13 | 9.3  | <13 | PASS |
|  |     | 25 | 0  | 9.13 | <13 | PASS |
|  | HCH | 1  | 0  | 8.26 | <13 | PASS |
|  |     | 1  | 12 | 8.49 | <13 | PASS |
|  |     | 1  | 24 | 6.62 | <13 | PASS |
|  |     | 12 | 0  | 8.61 | <13 | PASS |
|  |     | 12 | 6  | 9.25 | <13 | PASS |
|  |     | 12 | 13 | 7.85 | <13 | PASS |
|  |     | 25 | 0  | 9.03 | <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      | 6.38                          | <13           | PASS    |
|                           |         | 1                | 24     | 7.57                          | <13           | PASS    |
|                           |         | 1                | 49     | 7.07                          | <13           | PASS    |
|                           |         | 25               | 0      | 7.04                          | <13           | PASS    |
|                           |         | 25               | 12     | 8.6                           | <13           | PASS    |
|                           |         | 25               | 25     | 6.94                          | <13           | PASS    |
|                           |         | 50               | 0      | 8.28                          | <13           | PASS    |
|                           | MCH     | 1                | 0      | 7.32                          | <13           | PASS    |
|                           |         | 1                | 24     | 7.25                          | <13           | PASS    |
|                           |         | 1                | 49     | 7.44                          | <13           | PASS    |
|                           |         | 25               | 0      | 7.66                          | <13           | PASS    |
|                           |         | 25               | 12     | 7.27                          | <13           | PASS    |
|                           |         | 25               | 25     | 8.78                          | <13           | PASS    |
|                           |         | 50               | 0      | 9.98                          | <13           | PASS    |
|                           | HCH     | 1                | 0      | 10.7                          | <13           | PASS    |
|                           |         | 1                | 24     | 6.37                          | <13           | PASS    |
|                           |         | 1                | 49     | 6.82                          | <13           | PASS    |
|                           |         | 25               | 0      | 9.18                          | <13           | PASS    |
|                           |         | 25               | 12     | 9.39                          | <13           | PASS    |
|                           |         | 25               | 25     | 9.3                           | <13           | PASS    |

|       |     |    |    |       |     |      |
|-------|-----|----|----|-------|-----|------|
|       |     | 50 | 0  | 8.15  | <13 | PASS |
| 16QAM | LCH | 1  | 0  | 6.27  | <13 | PASS |
|       |     | 1  | 24 | 9.63  | <13 | PASS |
|       |     | 1  | 49 | 7.26  | <13 | PASS |
|       |     | 25 | 0  | 8.33  | <13 | PASS |
|       |     | 25 | 12 | 8.71  | <13 | PASS |
|       |     | 25 | 25 | 9.36  | <13 | PASS |
|       |     | 50 | 0  | 10.44 | <13 | PASS |
|       |     | 50 | 0  | 10.44 | <13 | PASS |
|       | MCH | 1  | 0  | 8.8   | <13 | PASS |
|       |     | 1  | 24 | 8.71  | <13 | PASS |
|       |     | 1  | 49 | 8.04  | <13 | PASS |
|       |     | 25 | 0  | 9.07  | <13 | PASS |
|       |     | 25 | 12 | 10.14 | <13 | PASS |
|       |     | 25 | 25 | 8.28  | <13 | PASS |
|       |     | 50 | 0  | 8.24  | <13 | PASS |
|       |     | 50 | 0  | 8.24  | <13 | PASS |
|       | HCH | 1  | 0  | 8.21  | <13 | PASS |
|       |     | 1  | 24 | 8.87  | <13 | PASS |
|       |     | 1  | 49 | 9.22  | <13 | PASS |
|       |     | 25 | 0  | 9.32  | <13 | PASS |
|       |     | 25 | 12 | 8.51  | <13 | PASS |
|       |     | 25 | 25 | 9.52  | <13 | PASS |
|       |     | 50 | 0  | 9.42  | <13 | PASS |
|       |     | 50 | 0  | 9.42  | <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      | 7.78                          | <13           | PASS    |
|                           |         | 1                | 37     | 6.93                          | <13           | PASS    |
|                           |         | 1                | 74     | 6.21                          | <13           | PASS    |
|                           |         | 37               | 0      | 11.17                         | <13           | PASS    |
|                           |         | 37               | 18     | 8.77                          | <13           | PASS    |
|                           |         | 37               | 38     | 7.52                          | <13           | PASS    |
|                           |         | 75               | 0      | 8.06                          | <13           | PASS    |
|                           | MCH     | 1                | 0      | 8.13                          | <13           | PASS    |
|                           |         | 1                | 37     | 7.64                          | <13           | PASS    |
|                           |         | 1                | 74     | 9.16                          | <13           | PASS    |
|                           |         | 37               | 0      | 8.04                          | <13           | PASS    |
|                           |         | 37               | 18     | 8.01                          | <13           | PASS    |
|                           |         | 37               | 38     | 10.33                         | <13           | PASS    |
|                           |         | 37               | 38     | 10.33                         | <13           | PASS    |

|       |     |    |    |       |     |      |
|-------|-----|----|----|-------|-----|------|
|       | HCH | 75 | 0  | 8.1   | <13 | PASS |
|       |     | 1  | 0  | 8.04  | <13 | PASS |
|       |     | 1  | 37 | 7.35  | <13 | PASS |
|       |     | 1  | 74 | 6.31  | <13 | PASS |
|       |     | 37 | 0  | 8.01  | <13 | PASS |
|       |     | 37 | 18 | 8.15  | <13 | PASS |
|       |     | 37 | 38 | 8.48  | <13 | PASS |
|       |     | 75 | 0  | 8.47  | <13 | PASS |
| 16QAM | LCH | 1  | 0  | 8.8   | <13 | PASS |
|       |     | 1  | 37 | 7.04  | <13 | PASS |
|       |     | 1  | 74 | 9.67  | <13 | PASS |
|       |     | 37 | 0  | 9.24  | <13 | PASS |
|       |     | 37 | 18 | 7.68  | <13 | PASS |
|       |     | 37 | 38 | 9.77  | <13 | PASS |
|       |     | 75 | 0  | 8.38  | <13 | PASS |
|       |     | 75 | 0  | 8.38  | <13 | PASS |
|       | MCH | 1  | 0  | 10.46 | <13 | PASS |
|       |     | 1  | 37 | 9.29  | <13 | PASS |
|       |     | 1  | 74 | 7.62  | <13 | PASS |
|       |     | 37 | 0  | 9.79  | <13 | PASS |
|       |     | 37 | 18 | 9.26  | <13 | PASS |
|       |     | 37 | 38 | 11.58 | <13 | PASS |
|       |     | 75 | 0  | 9.88  | <13 | PASS |
|       |     | 75 | 0  | 9.88  | <13 | PASS |
|       | HCH | 1  | 0  | 7.53  | <13 | PASS |
|       |     | 1  | 37 | 7.8   | <13 | PASS |
|       |     | 1  | 74 | 7.4   | <13 | PASS |
|       |     | 37 | 0  | 9.27  | <13 | PASS |
|       |     | 37 | 18 | 9.32  | <13 | PASS |
|       |     | 37 | 38 | 11.13 | <13 | PASS |
|       |     | 75 | 0  | 11.96 | <13 | PASS |
|       |     | 75 | 0  | 11.96 | <13 | PASS |

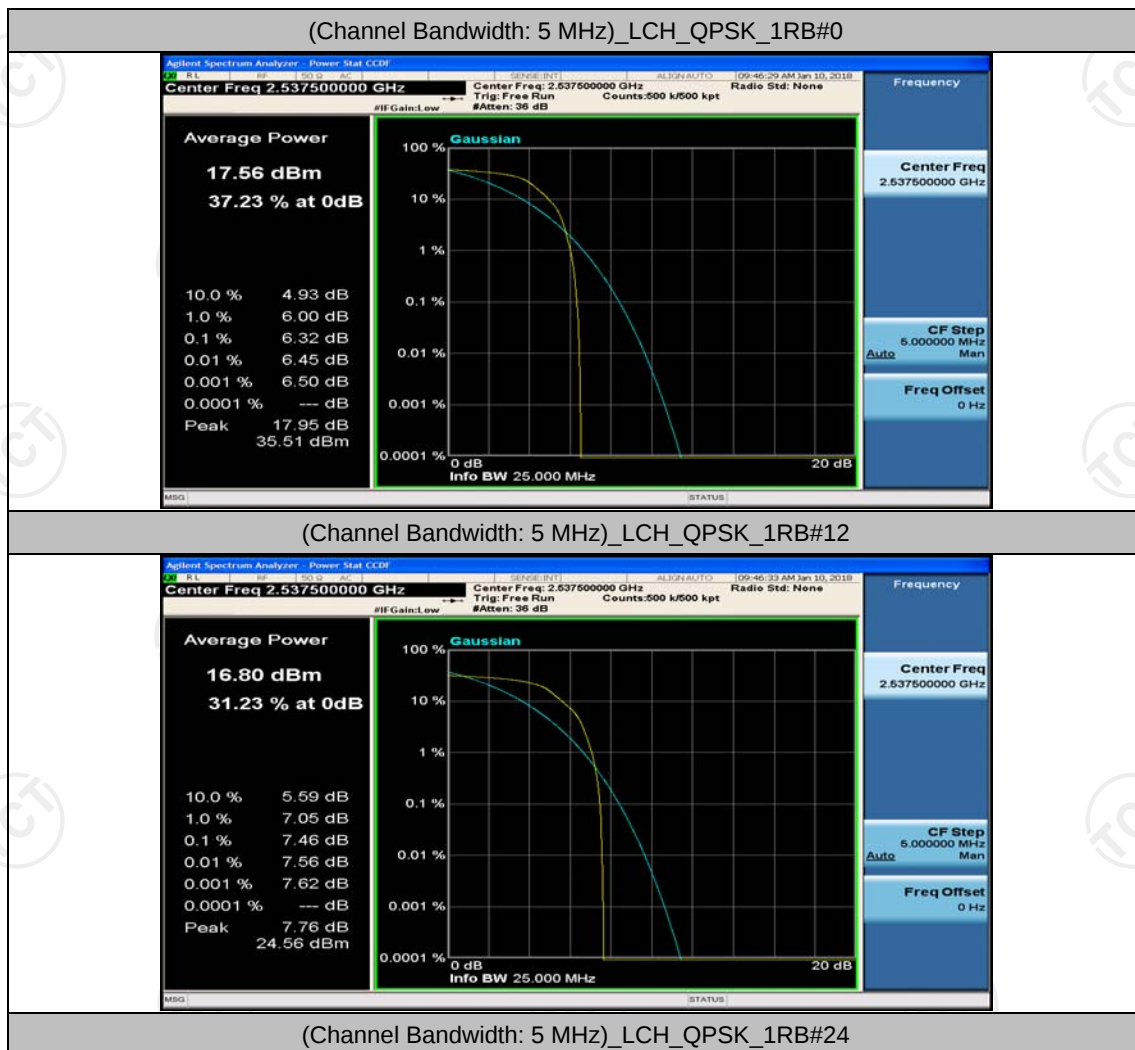
Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz |         |                  |        |                               |               |         |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                           |         | Size             | Offset |                               |               |         |
| QPSK                      | LCH     | 1                | 0      | 5.26                          | <13           | PASS    |
|                           |         | 1                | 49     | 6.99                          | <13           | PASS    |
|                           |         | 1                | 99     | 6.78                          | <13           | PASS    |
|                           |         | 50               | 0      | 11.39                         | <13           | PASS    |
|                           |         | 50               | 25     | 9.26                          | <13           | PASS    |
|                           |         | 50               | 50     | 8.48                          | <13           | PASS    |

|       |     |     |    |       |     |      |
|-------|-----|-----|----|-------|-----|------|
|       | MCH | 100 | 0  | 7.6   | <13 | PASS |
|       |     | 1   | 0  | 8.06  | <13 | PASS |
|       |     | 1   | 49 | 9.25  | <13 | PASS |
|       |     | 1   | 99 | 7.57  | <13 | PASS |
|       |     | 50  | 0  | 7.62  | <13 | PASS |
|       |     | 50  | 25 | 8.1   | <13 | PASS |
|       |     | 50  | 50 | 8.02  | <13 | PASS |
|       |     | 100 | 0  | 10.2  | <13 | PASS |
|       | HCH | 1   | 0  | 8.53  | <13 | PASS |
|       |     | 1   | 49 | 7.03  | <13 | PASS |
|       |     | 1   | 99 | 6.4   | <13 | PASS |
|       |     | 50  | 0  | 9.25  | <13 | PASS |
|       |     | 50  | 25 | 7.96  | <13 | PASS |
|       |     | 50  | 50 | 8.06  | <13 | PASS |
|       |     | 100 | 0  | 9.32  | <13 | PASS |
| 16QAM | LCH | 1   | 0  | 6.3   | <13 | PASS |
|       |     | 1   | 49 | 8.38  | <13 | PASS |
|       |     | 1   | 99 | 8.84  | <13 | PASS |
|       |     | 50  | 0  | 8.7   | <13 | PASS |
|       |     | 50  | 25 | 7.39  | <13 | PASS |
|       |     | 50  | 50 | 8.91  | <13 | PASS |
|       |     | 100 | 0  | 8.73  | <13 | PASS |
|       | MCH | 1   | 0  | 8.42  | <13 | PASS |
|       |     | 1   | 49 | 8.41  | <13 | PASS |
|       |     | 1   | 99 | 7.1   | <13 | PASS |
|       |     | 50  | 0  | 8.92  | <13 | PASS |
|       |     | 50  | 25 | 9.36  | <13 | PASS |
|       |     | 50  | 50 | 8.87  | <13 | PASS |
|       |     | 100 | 0  | 10.2  | <13 | PASS |
|       | HCH | 1   | 0  | 11.55 | <13 | PASS |
|       |     | 1   | 49 | 7.41  | <13 | PASS |
|       |     | 1   | 99 | 8.11  | <13 | PASS |
|       |     | 50  | 0  | 9.15  | <13 | PASS |
|       |     | 50  | 25 | 12.23 | <13 | PASS |
|       |     | 50  | 50 | 8.36  | <13 | PASS |
|       |     | 100 | 0  | 8.49  | <13 | PASS |

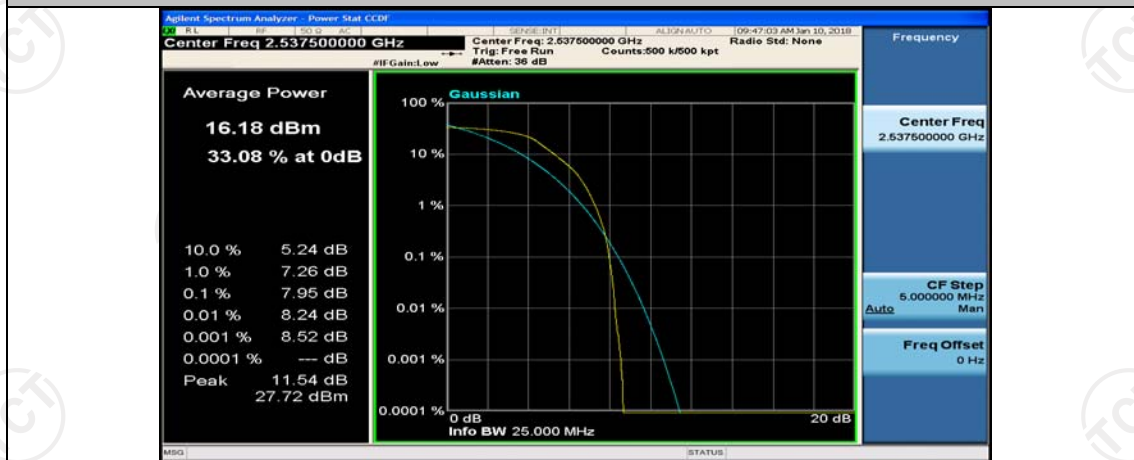
## Test Graphs

### Channel Bandwidth: 5 MHz

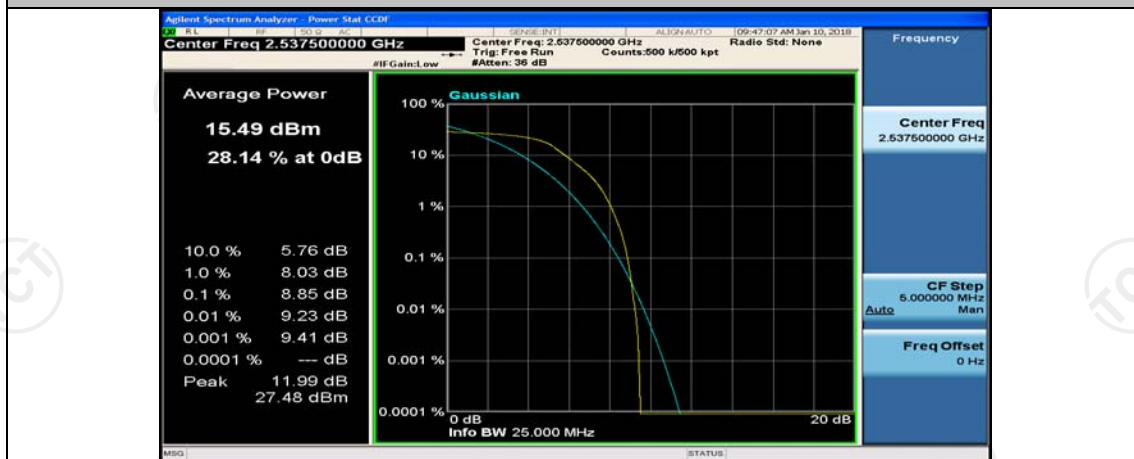




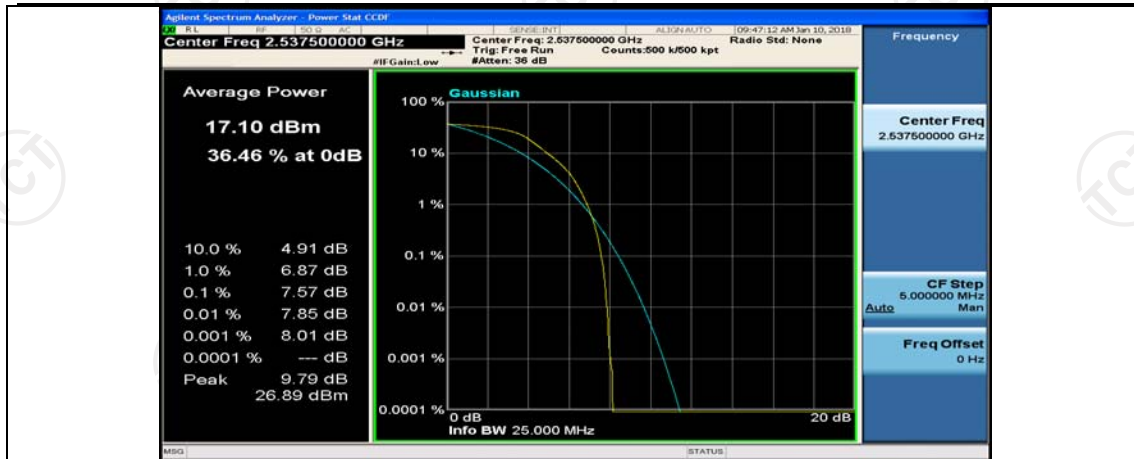
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#0



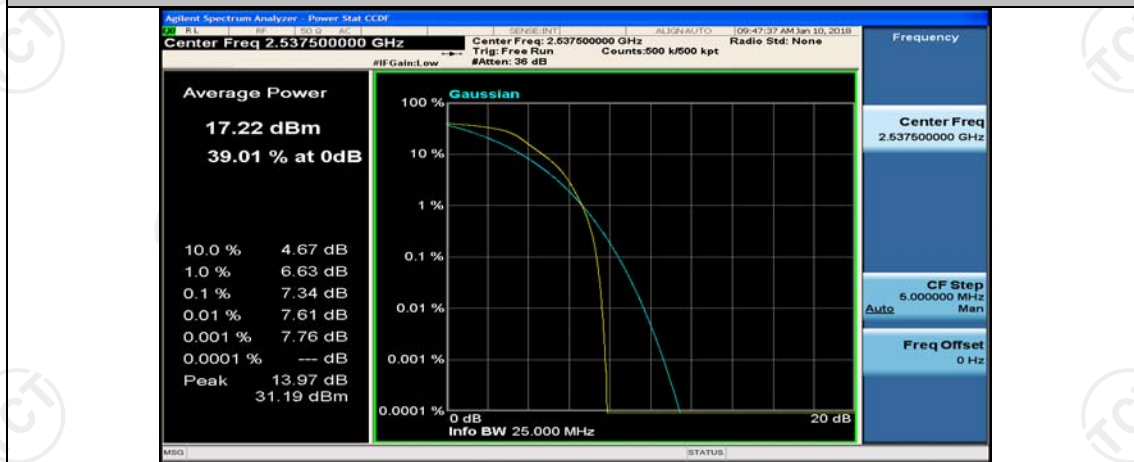
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



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



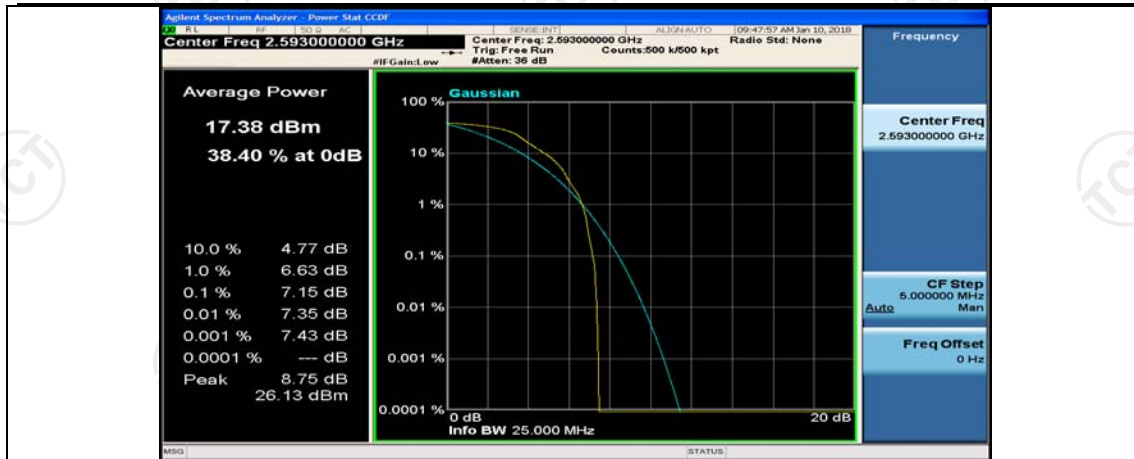
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



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



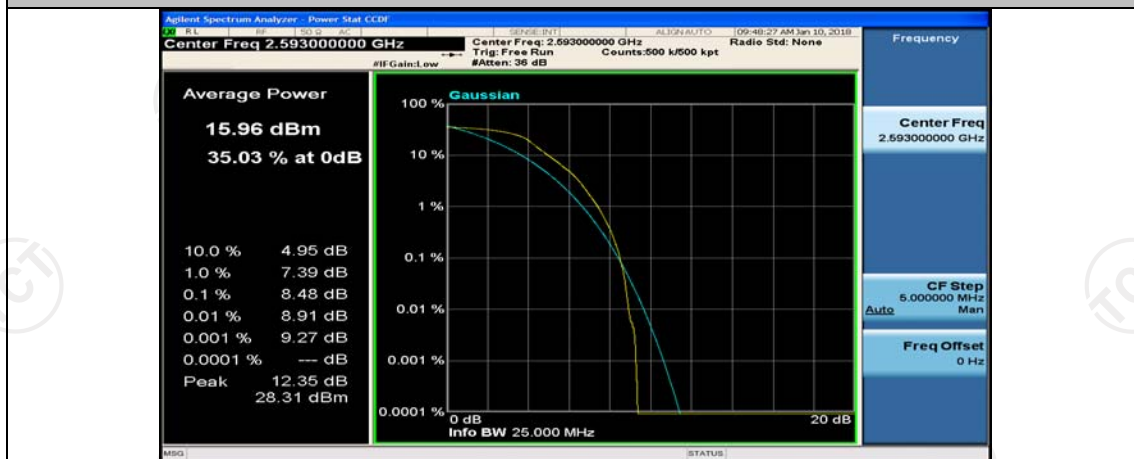
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



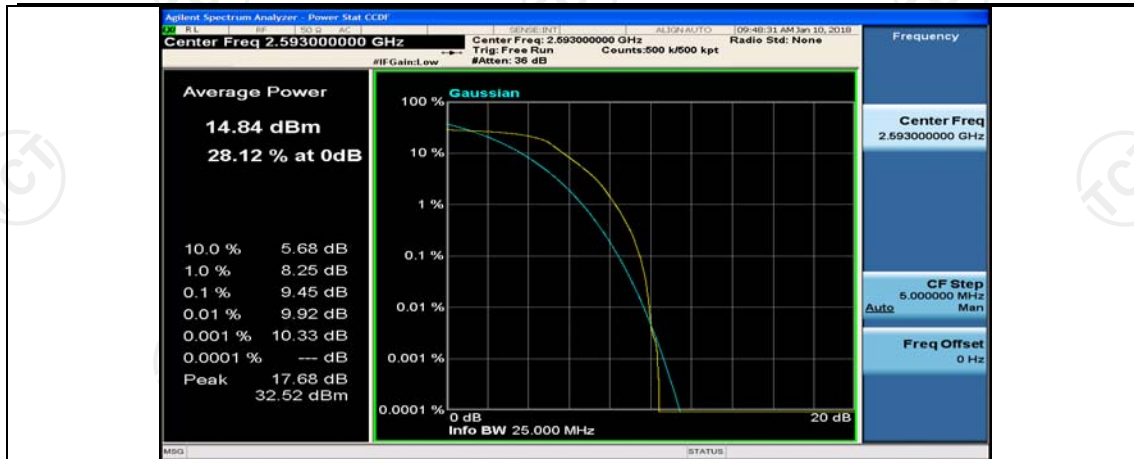
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



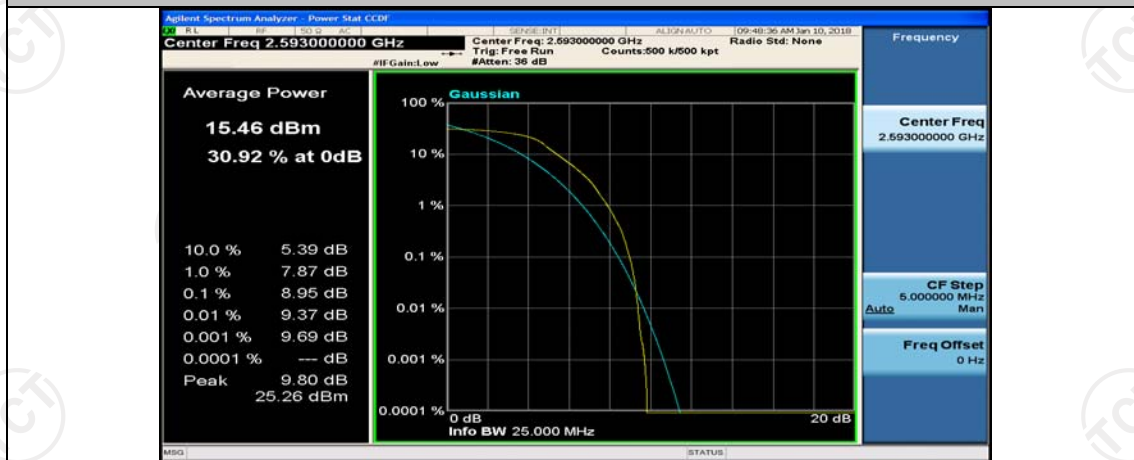
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#0



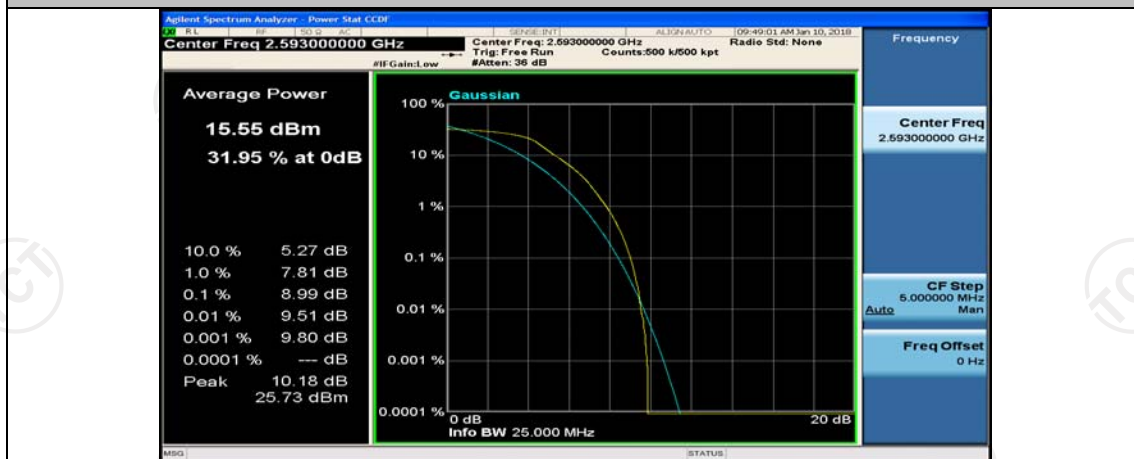
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6



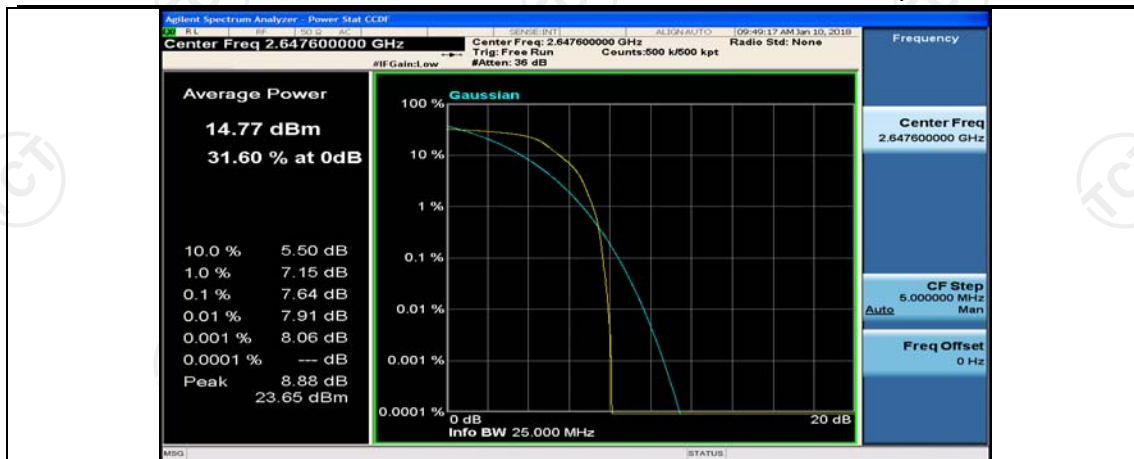
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13



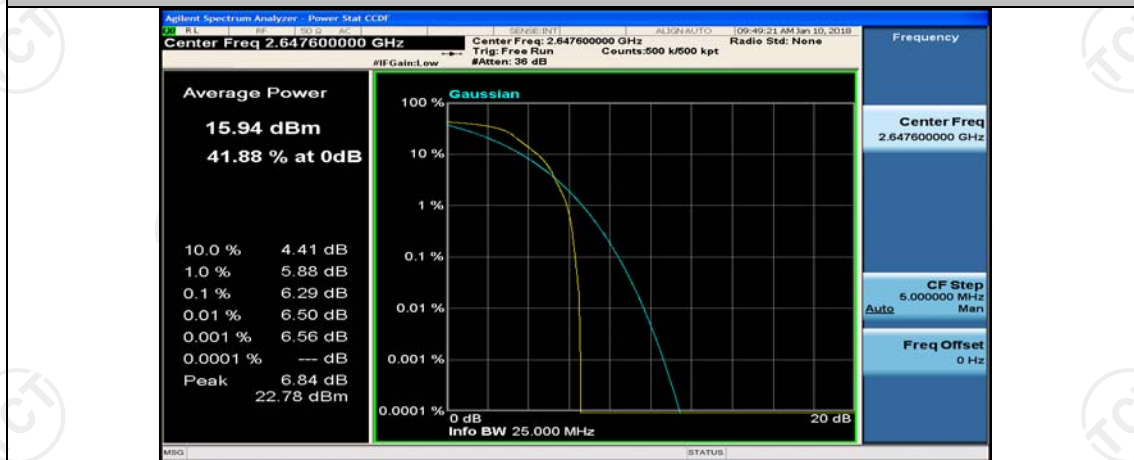
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



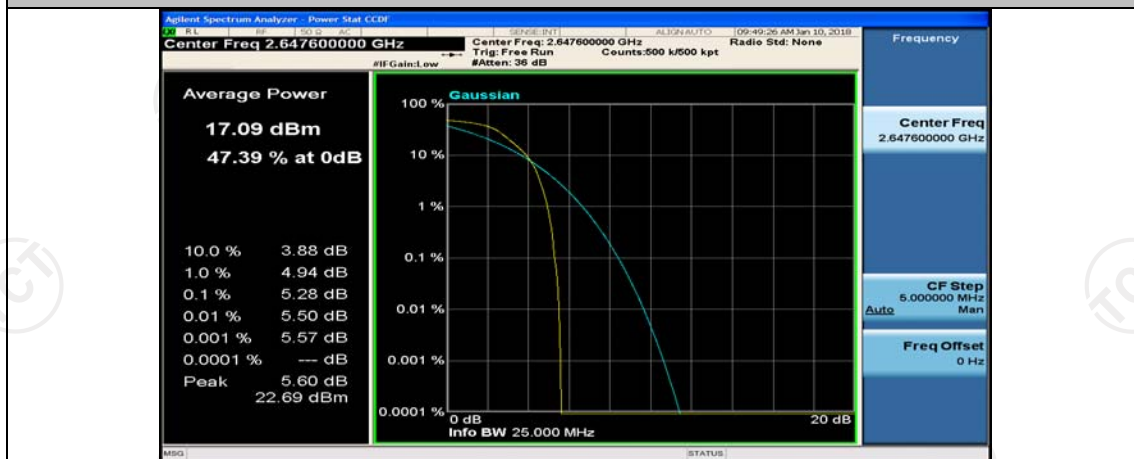
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



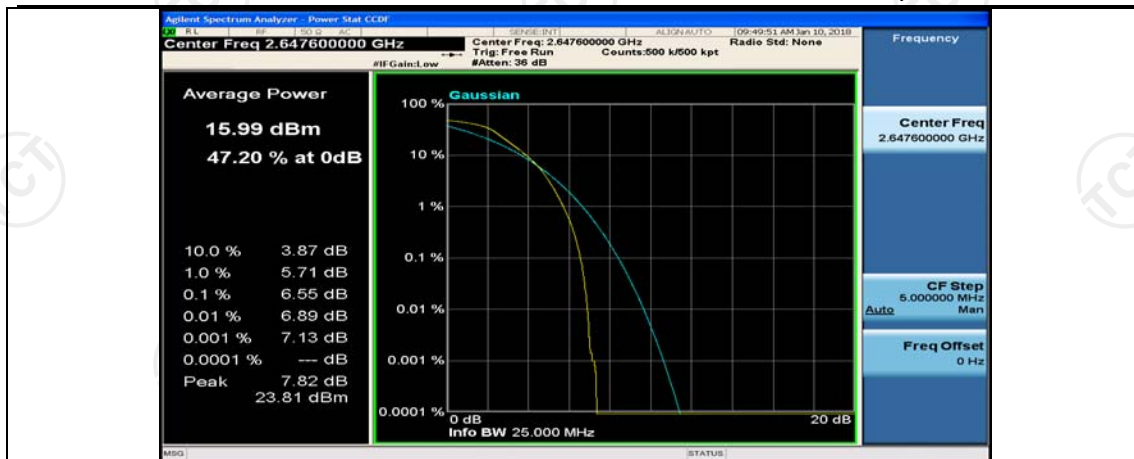
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



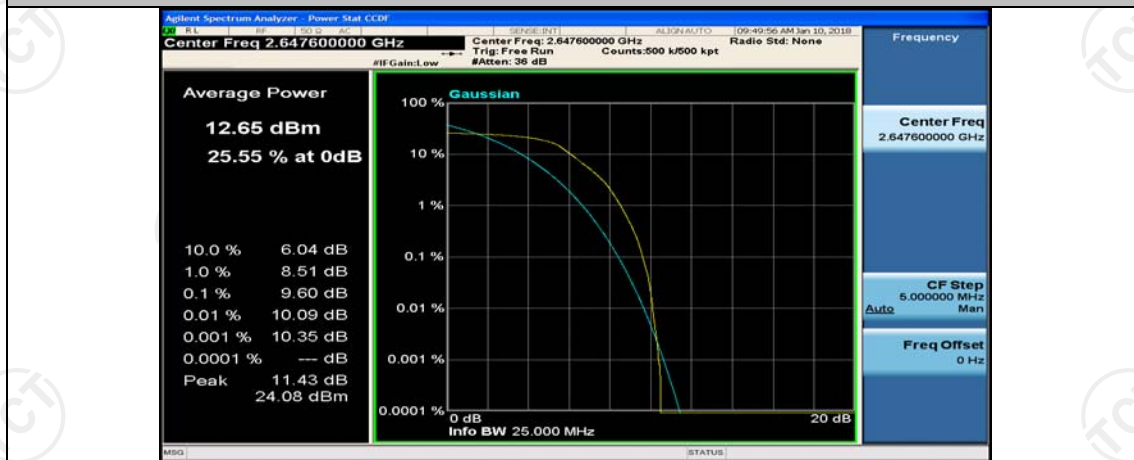
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



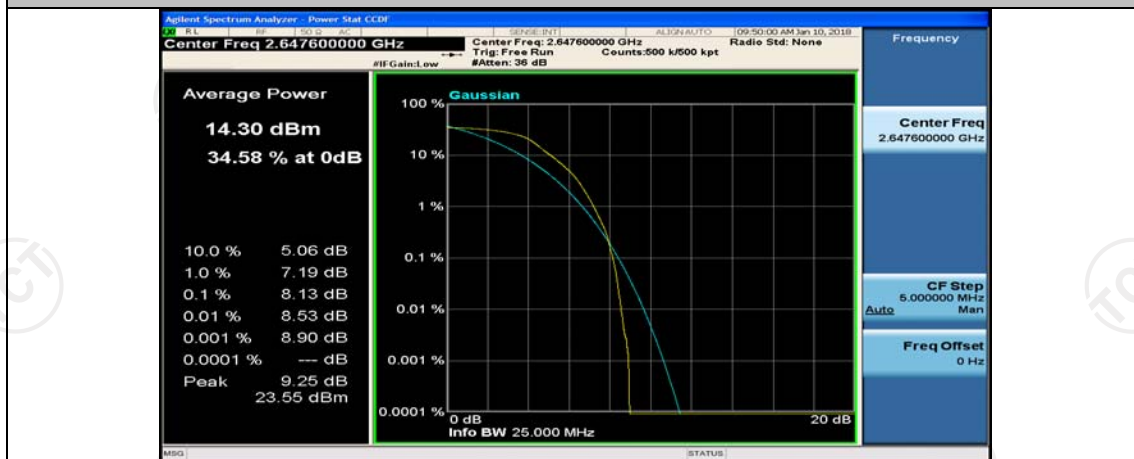
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



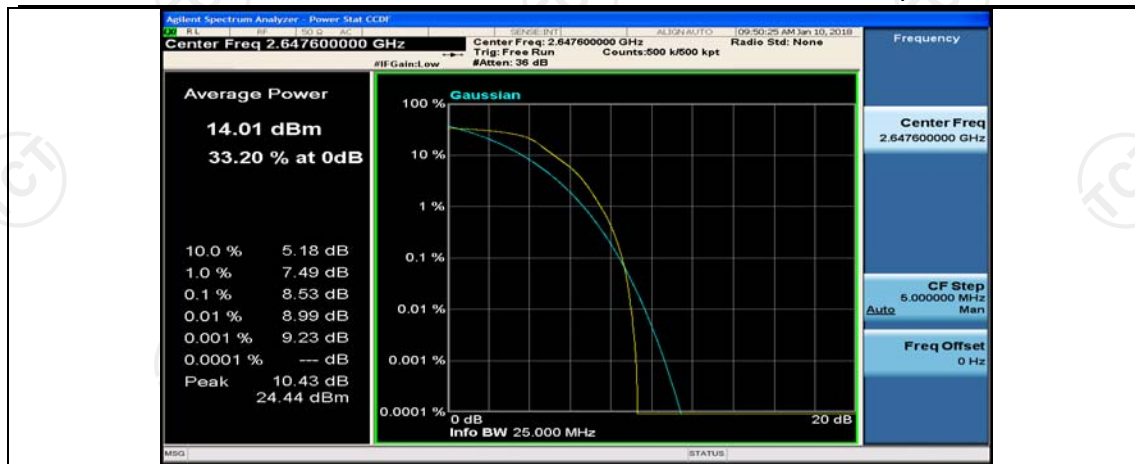
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6



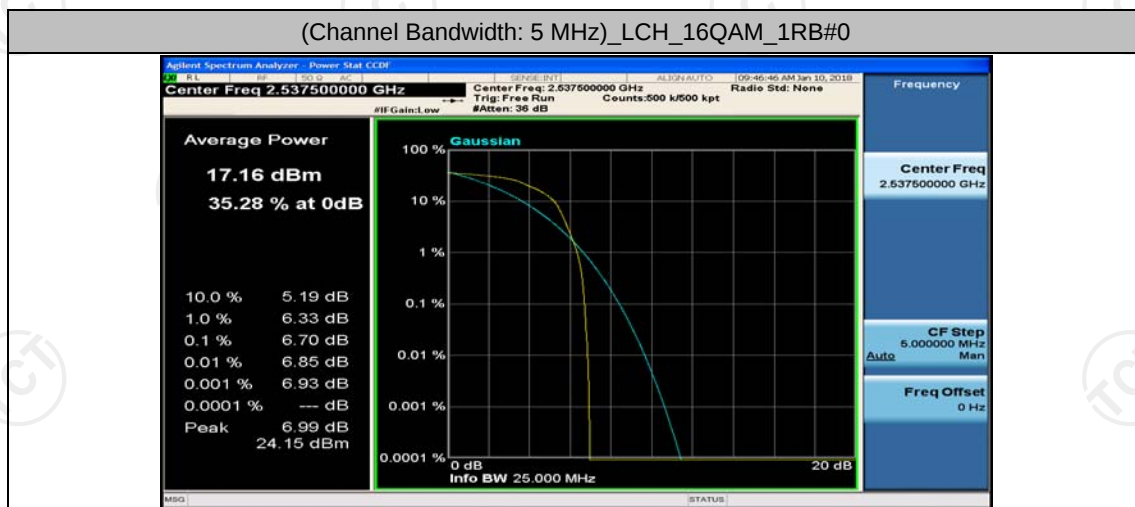
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



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



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



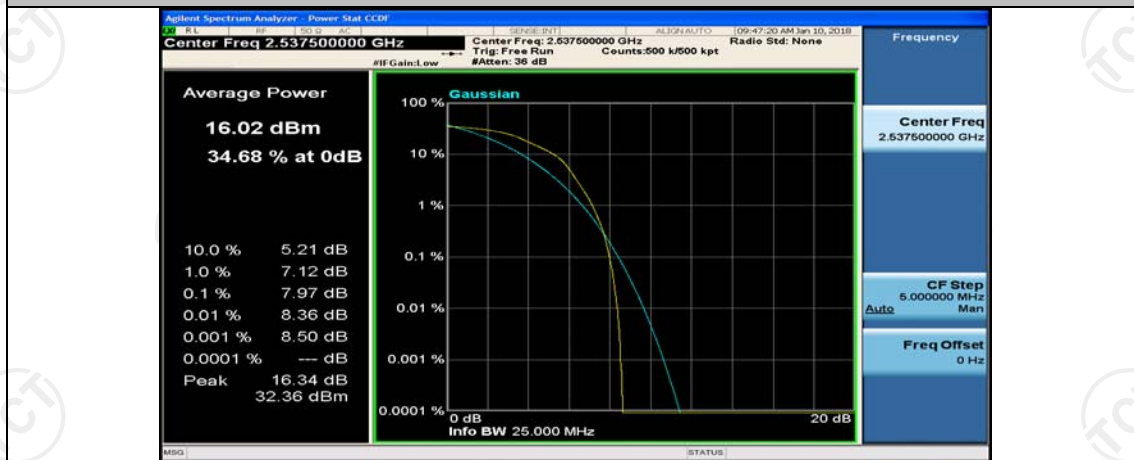
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



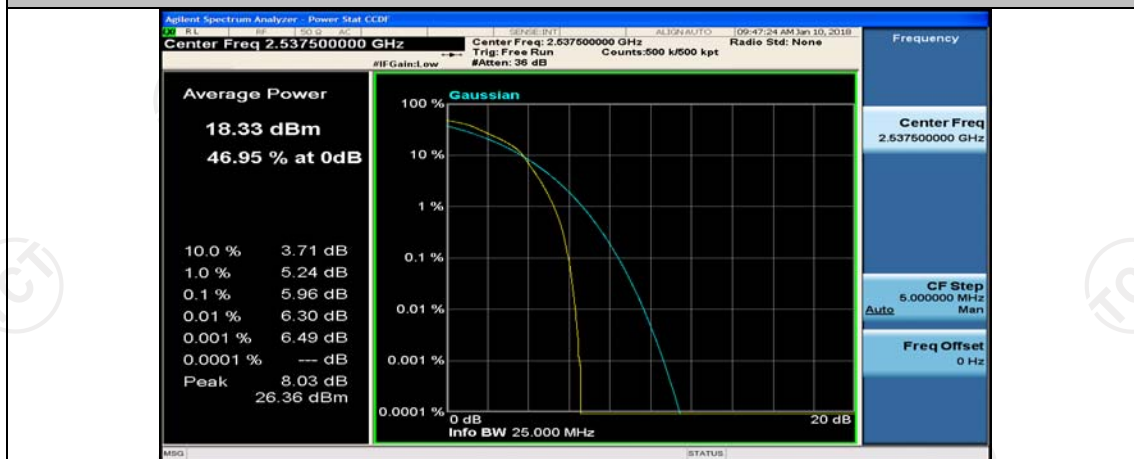
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24



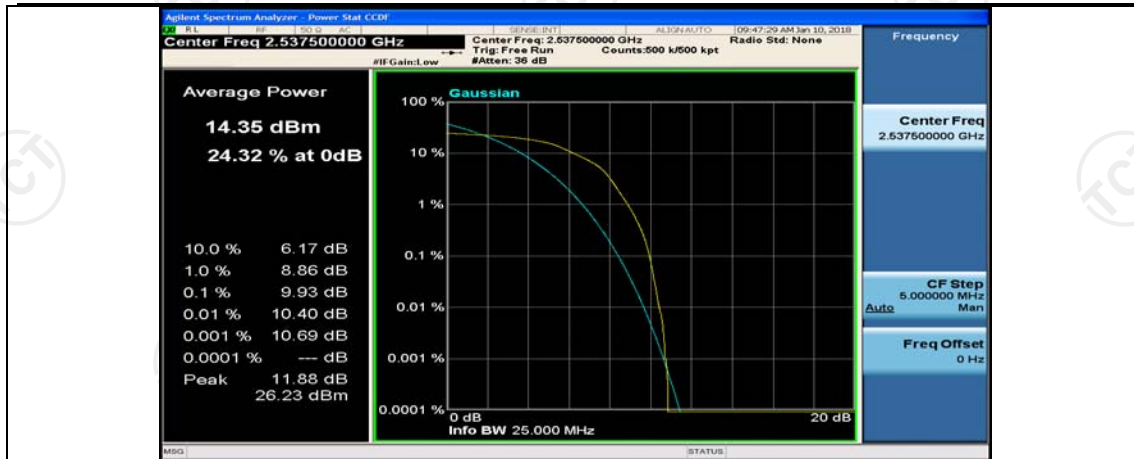
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0



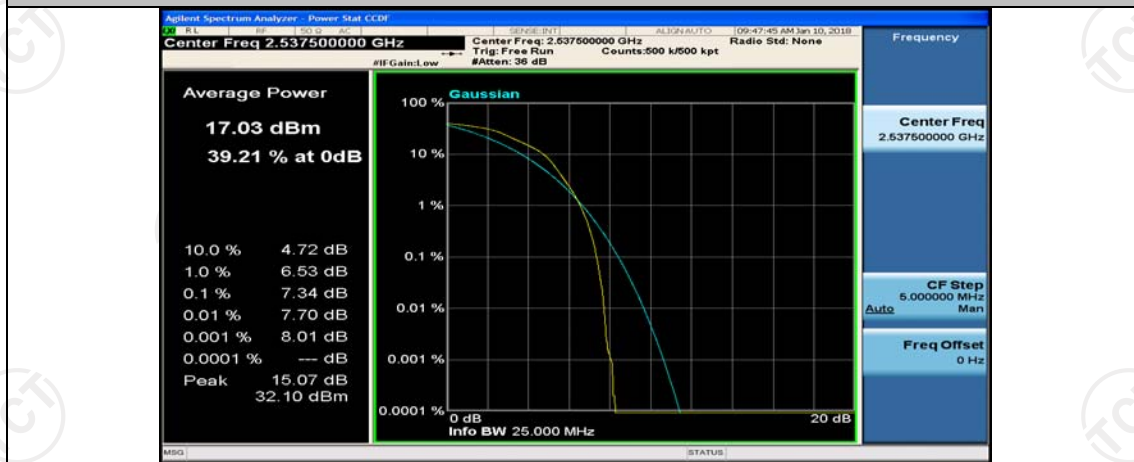
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



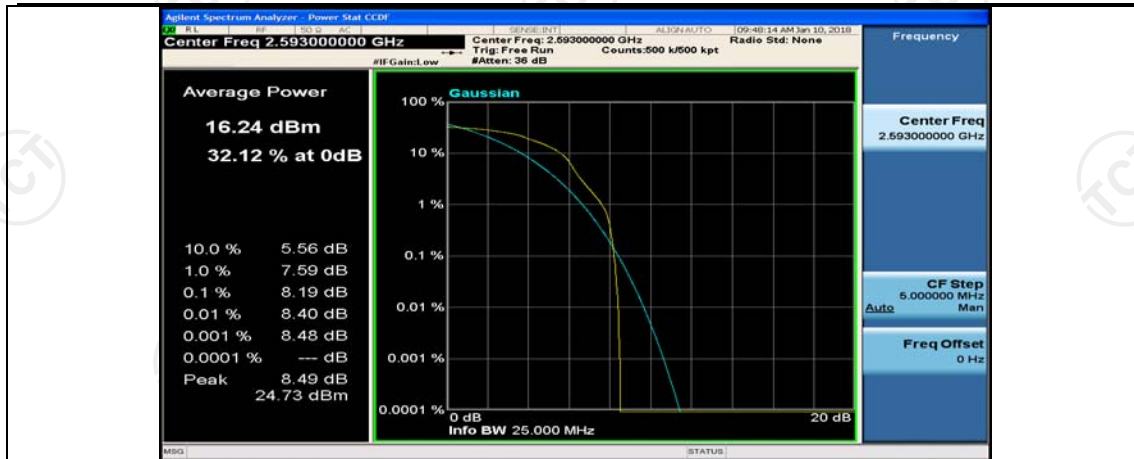
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



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



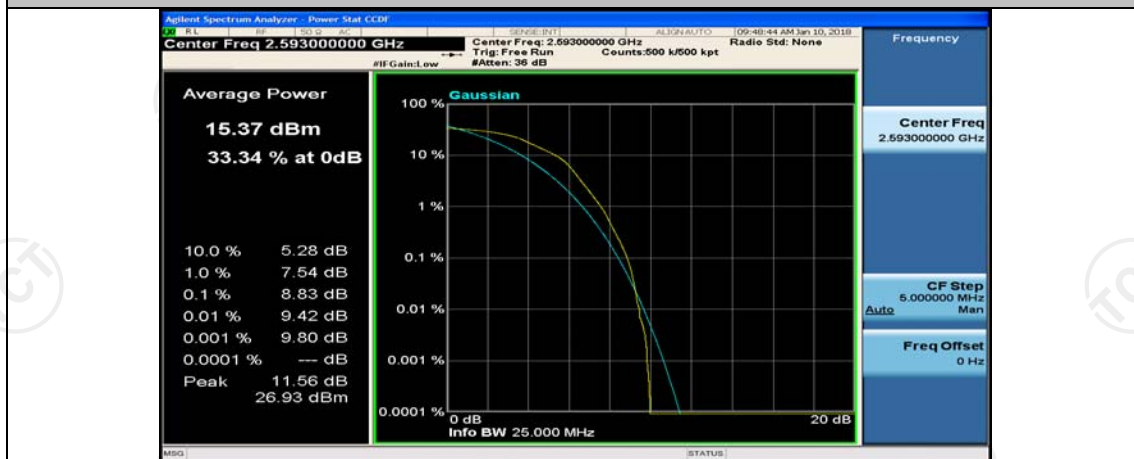
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



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



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



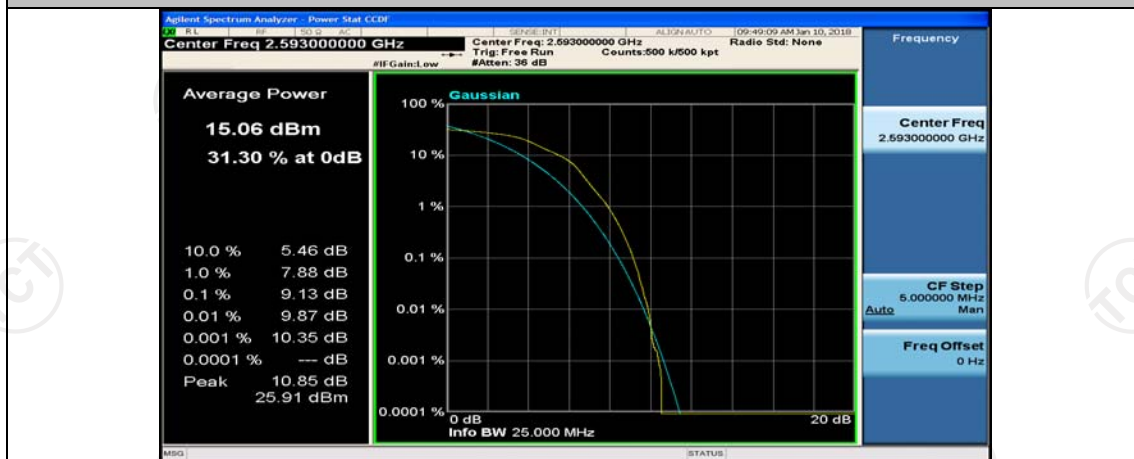
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#6



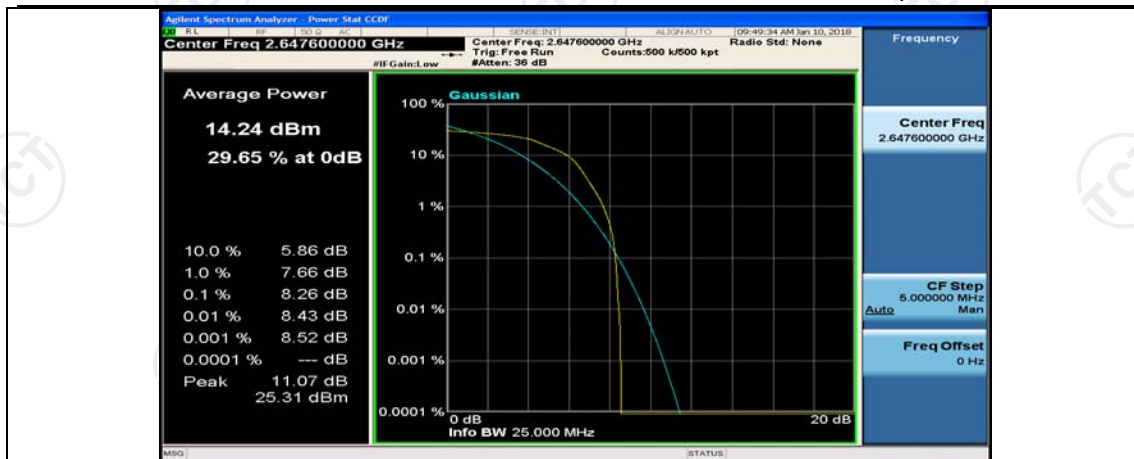
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



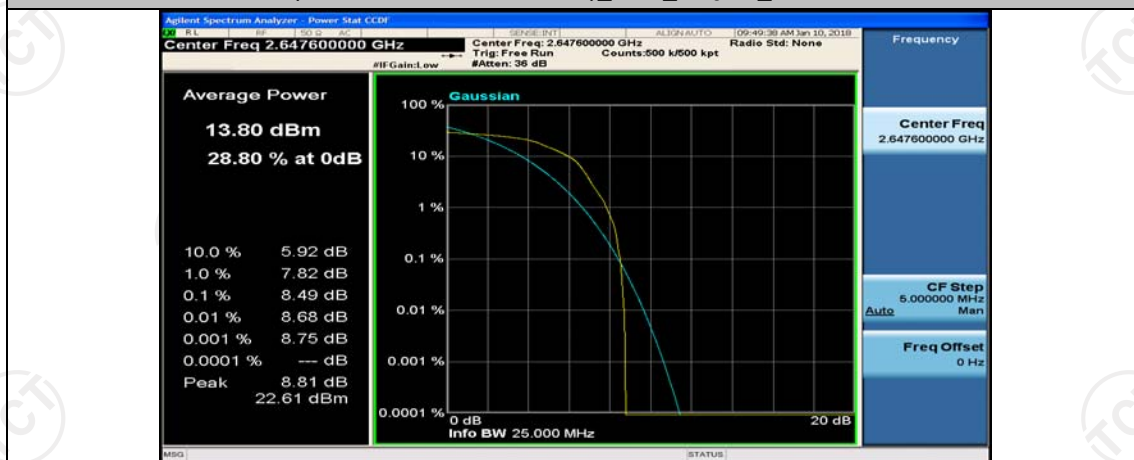
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



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



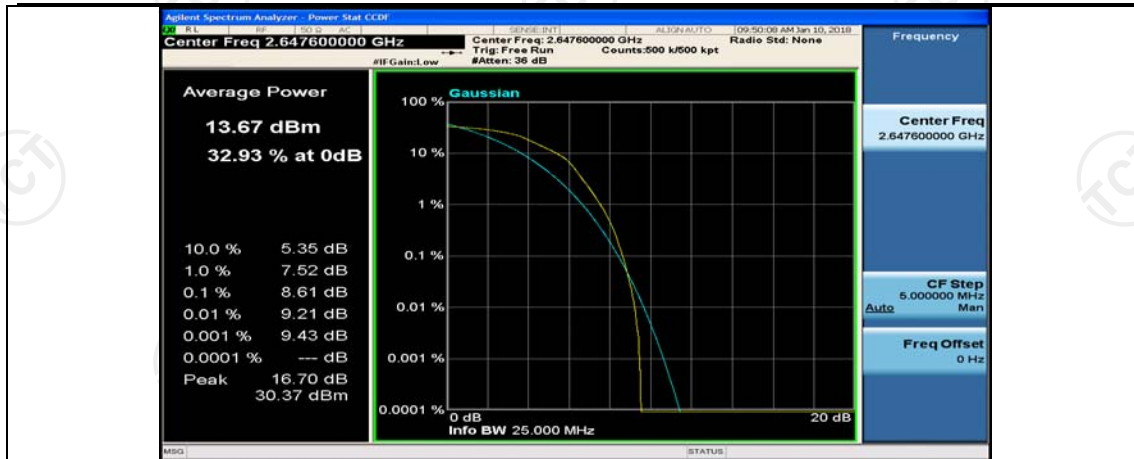
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



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



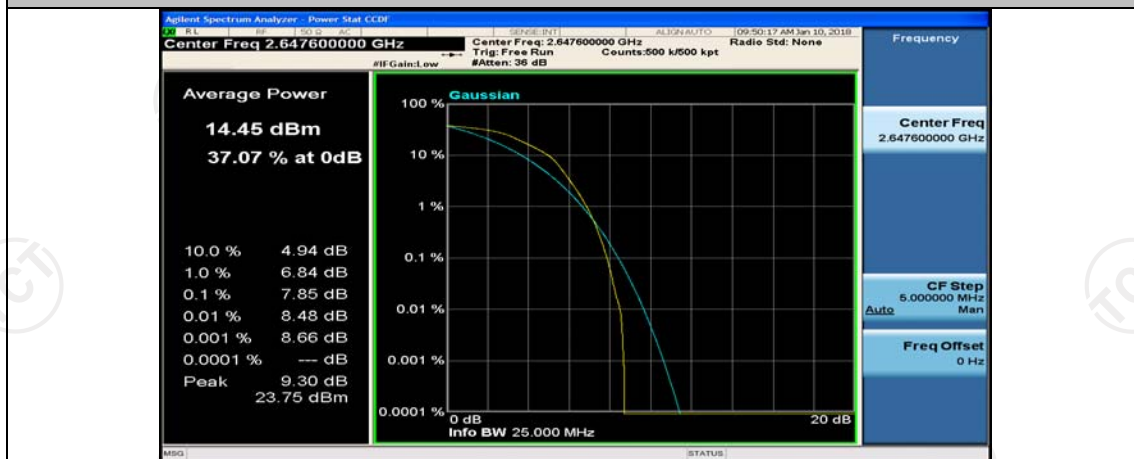
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



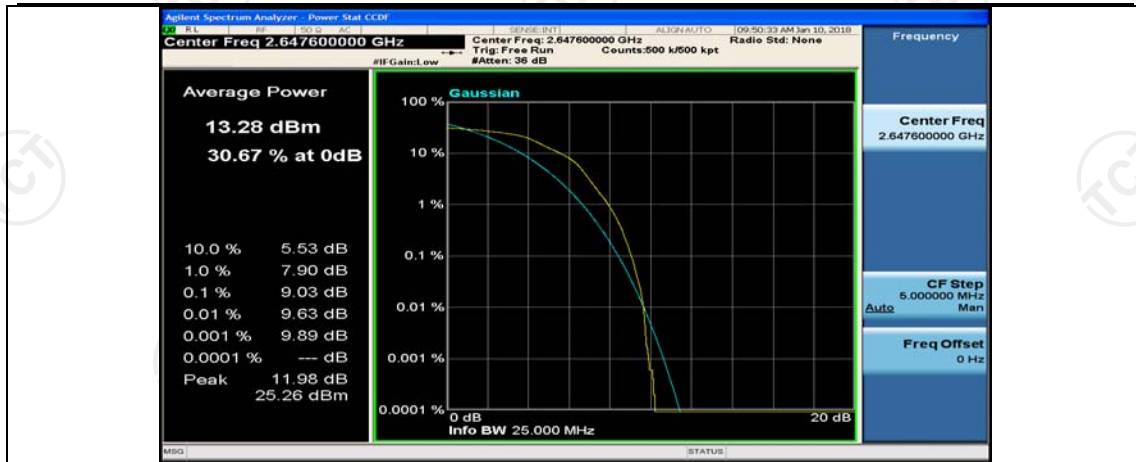
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



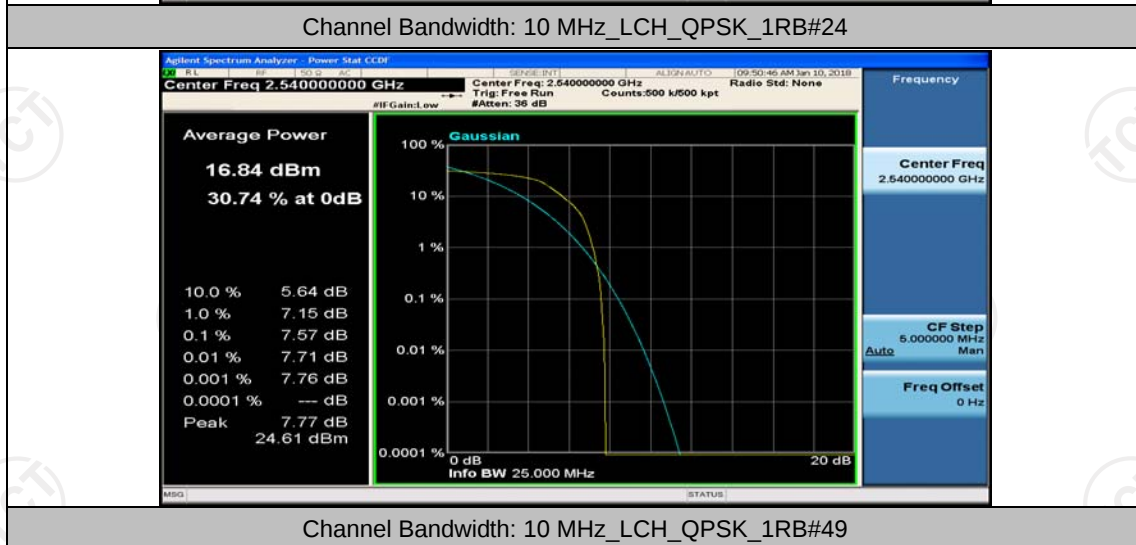
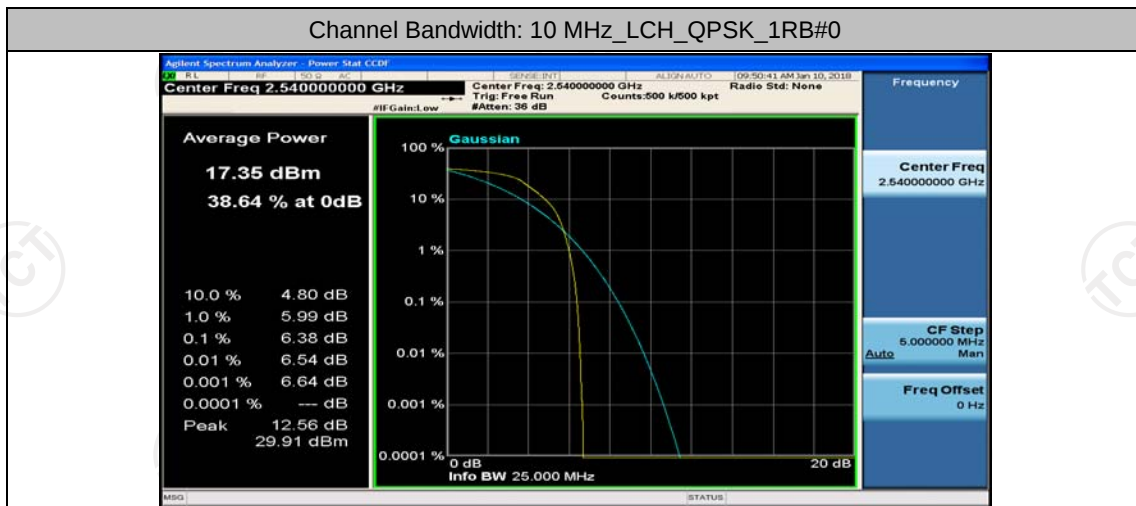
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13

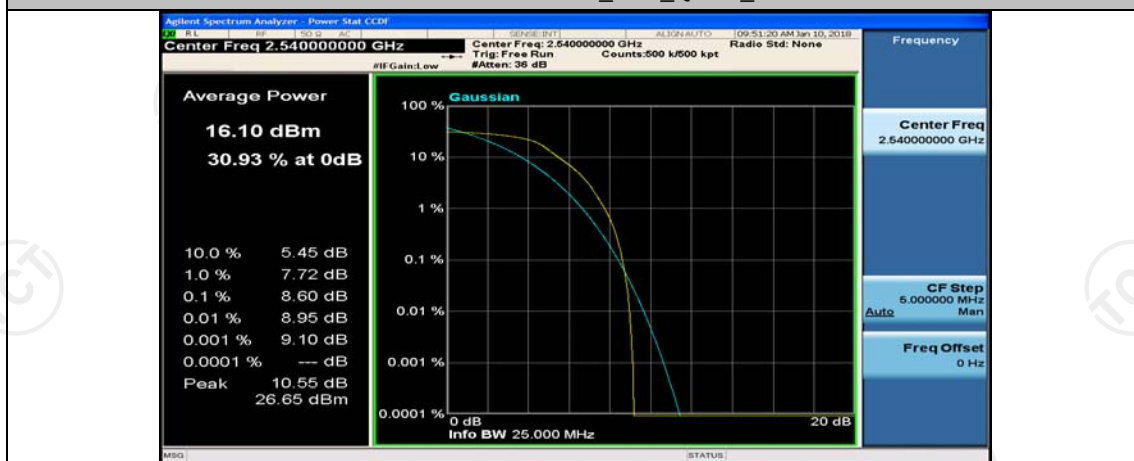


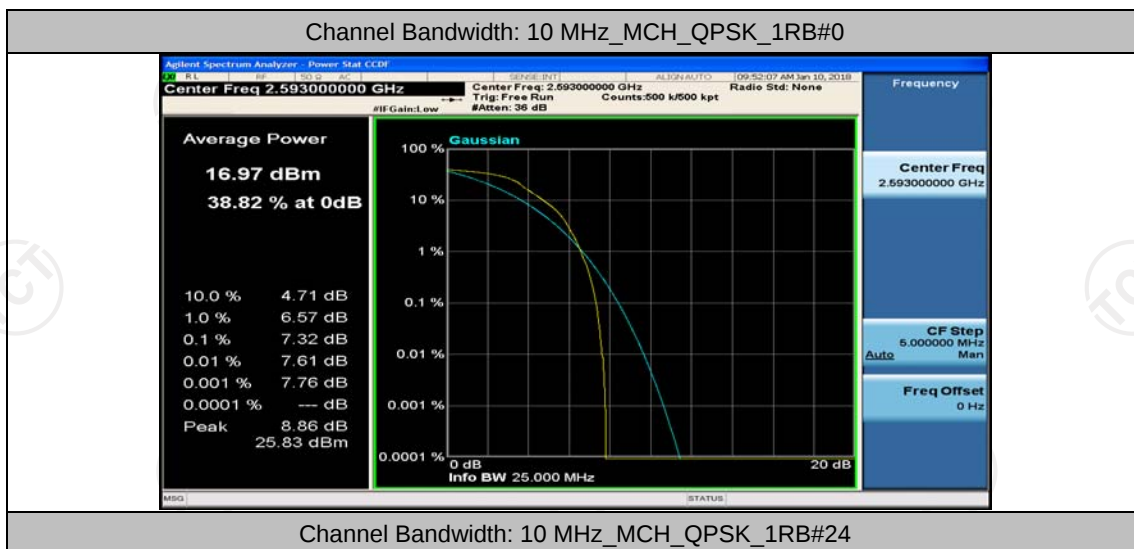
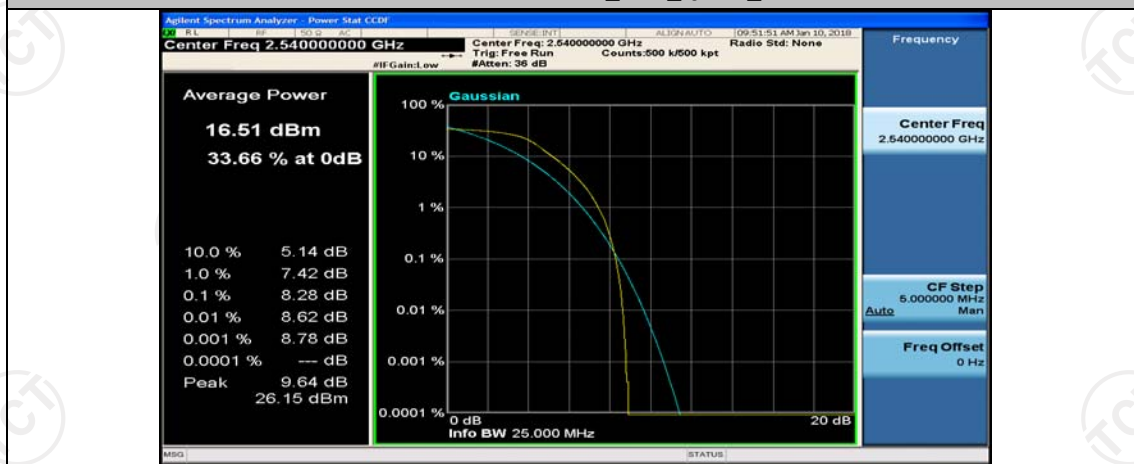
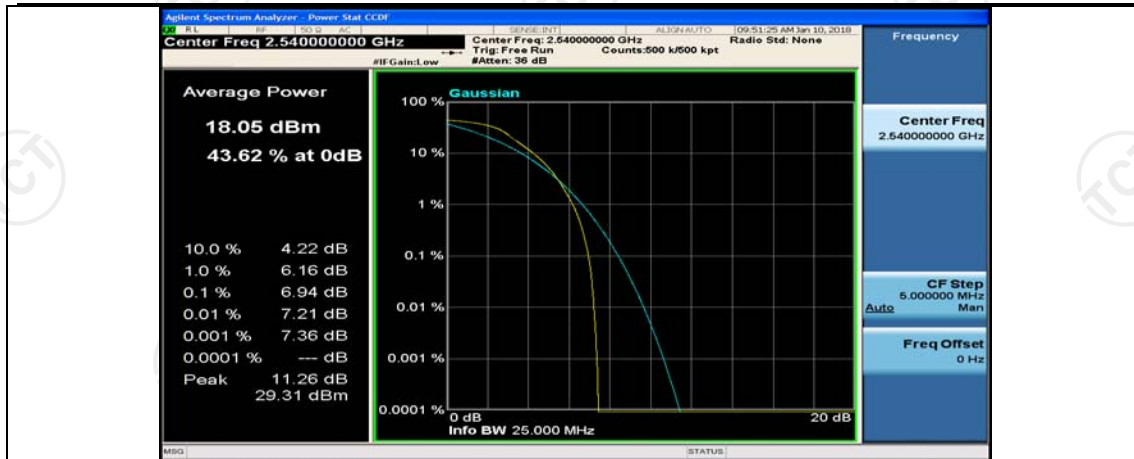
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

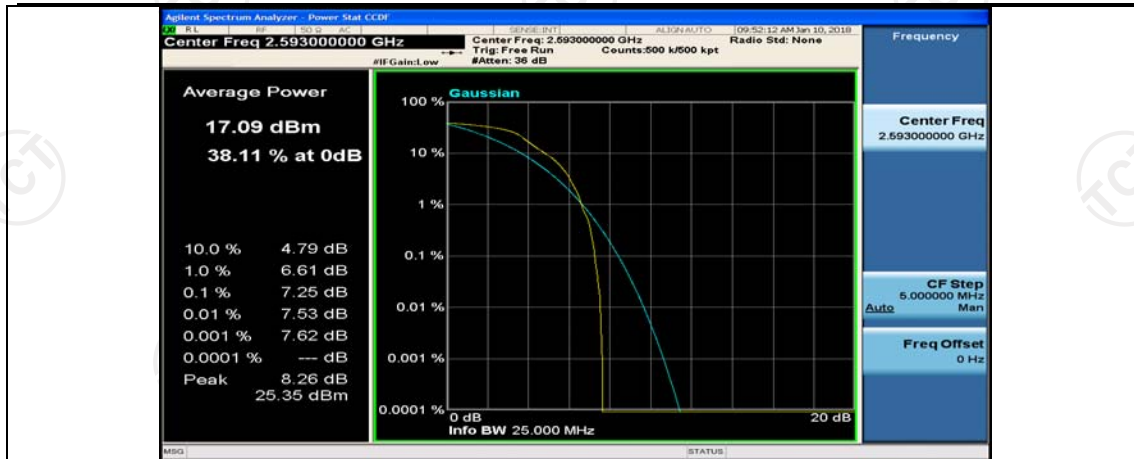


Channel Bandwidth: 10 MHz

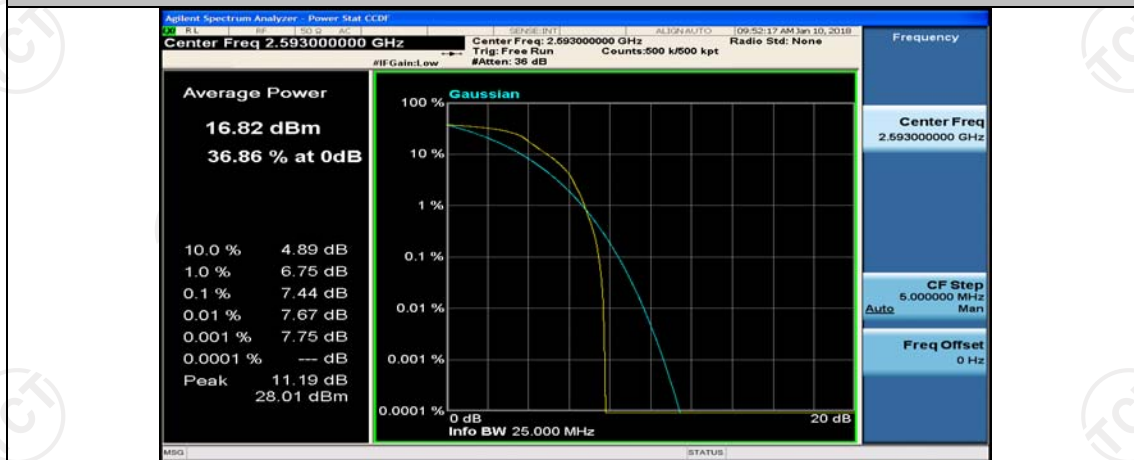








Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49



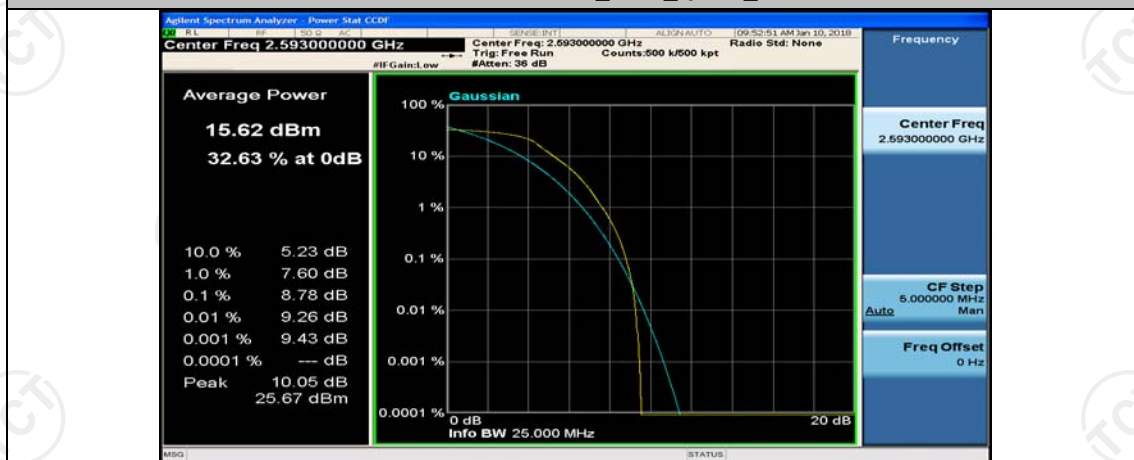
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#0



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#12



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#25

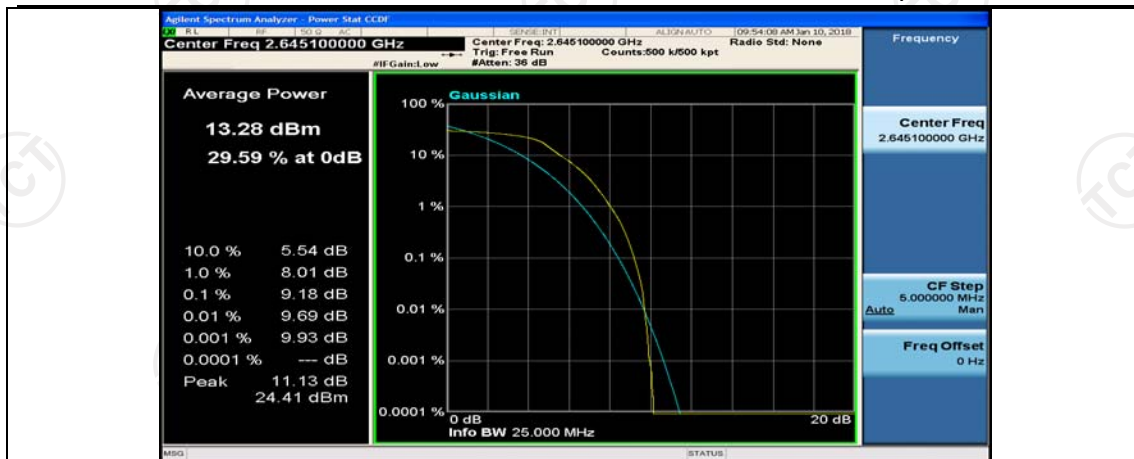


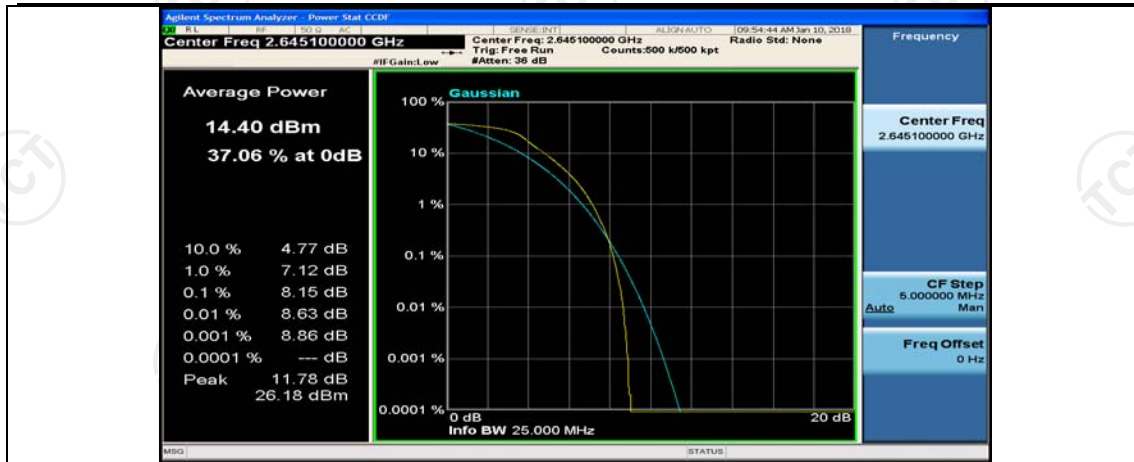
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



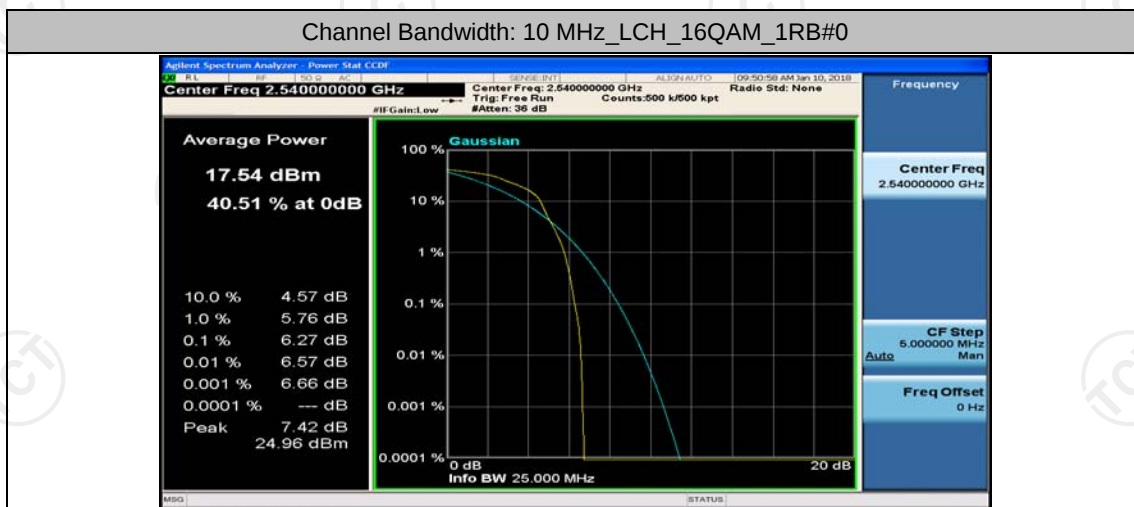
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0







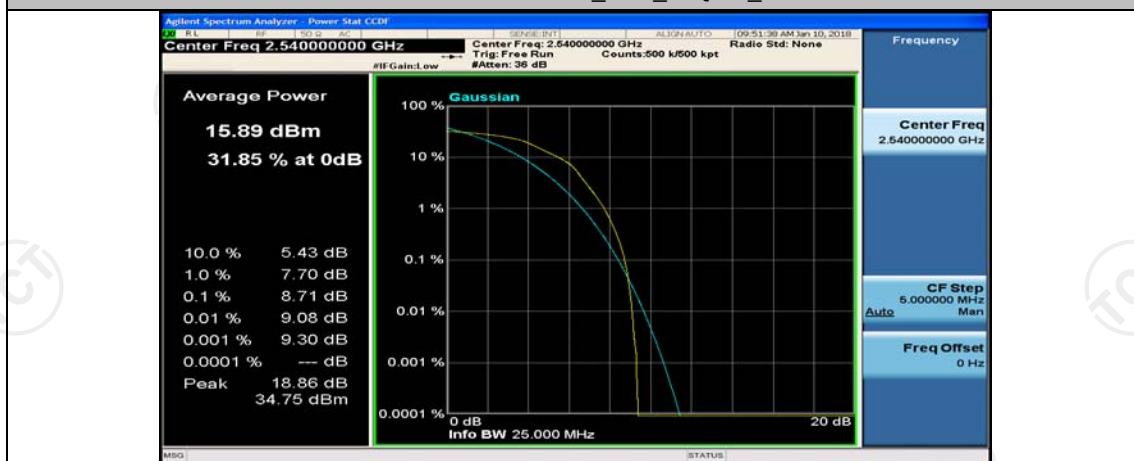
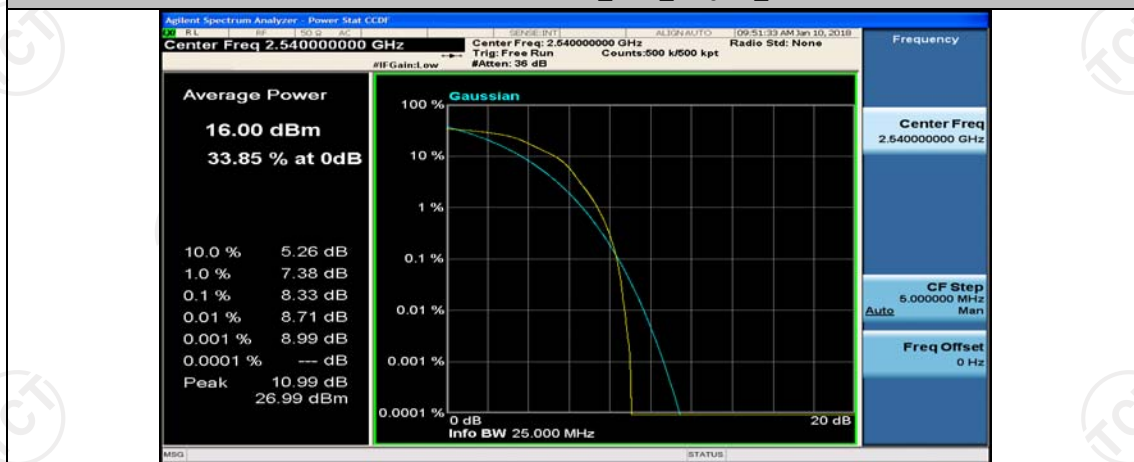
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0

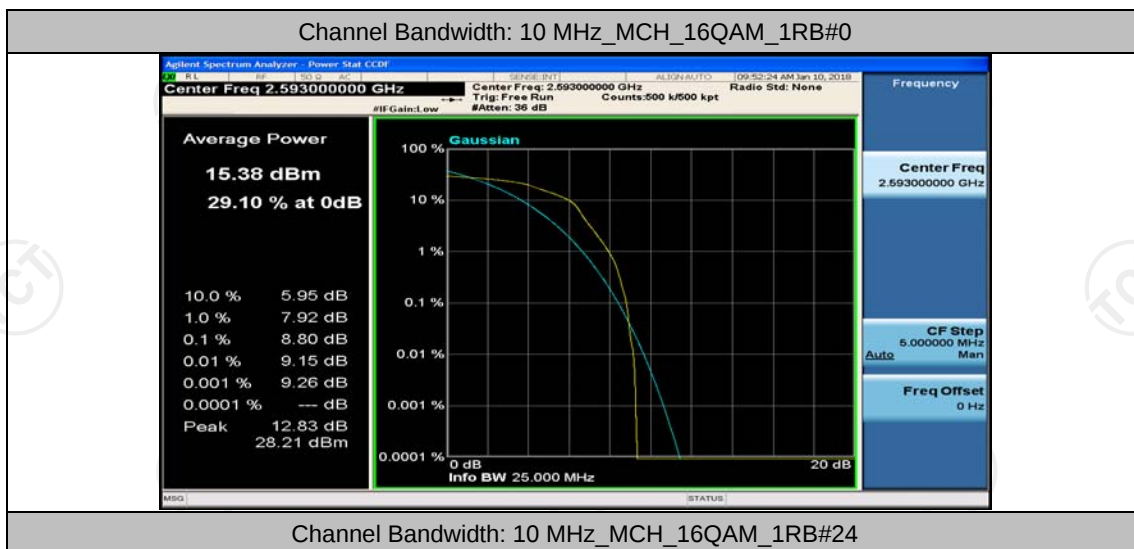
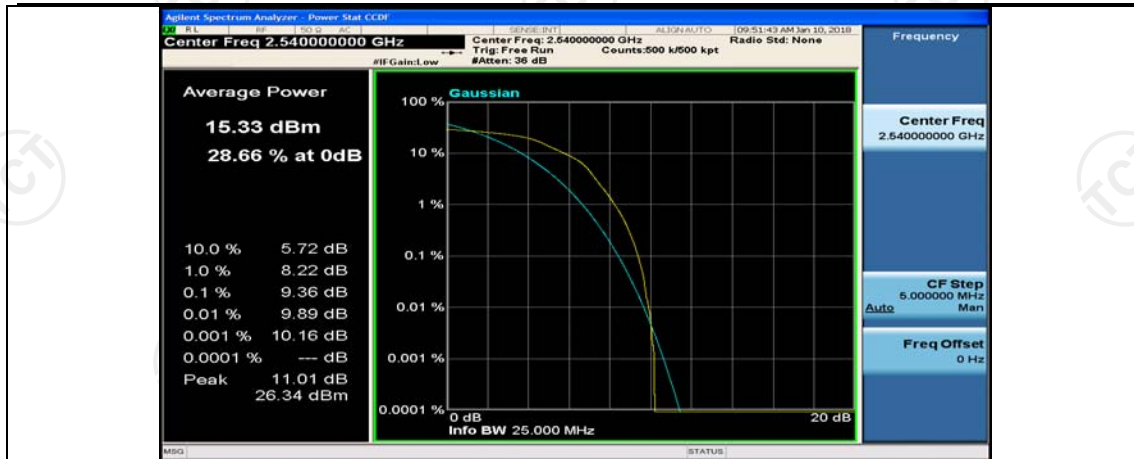


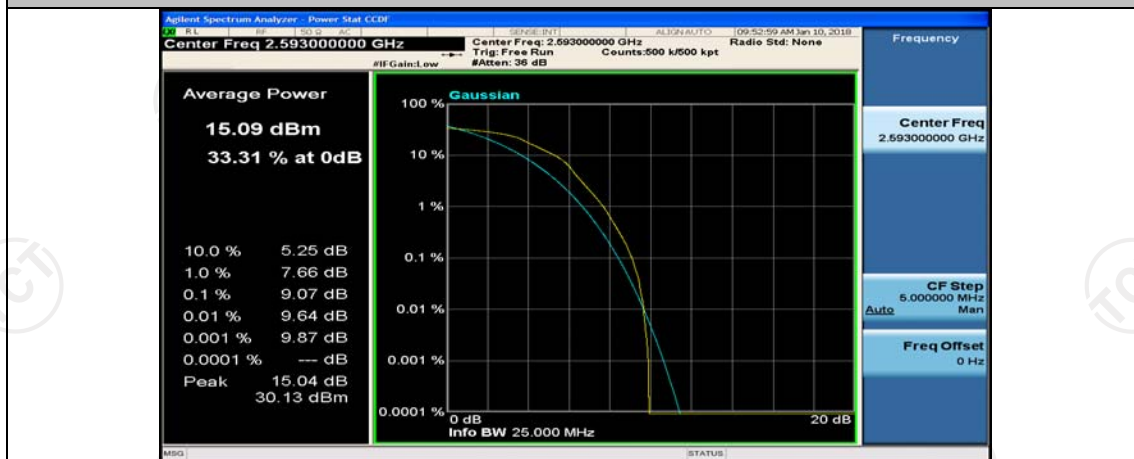
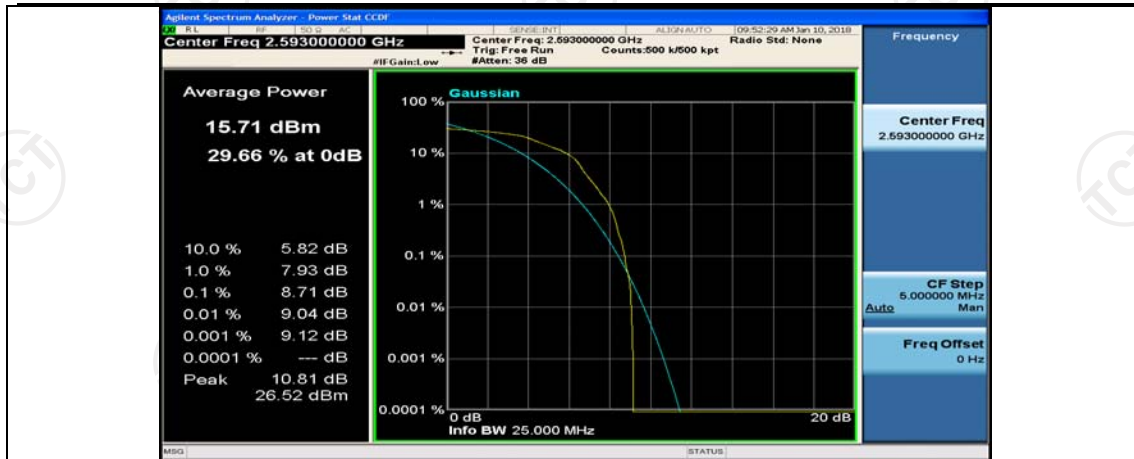
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24

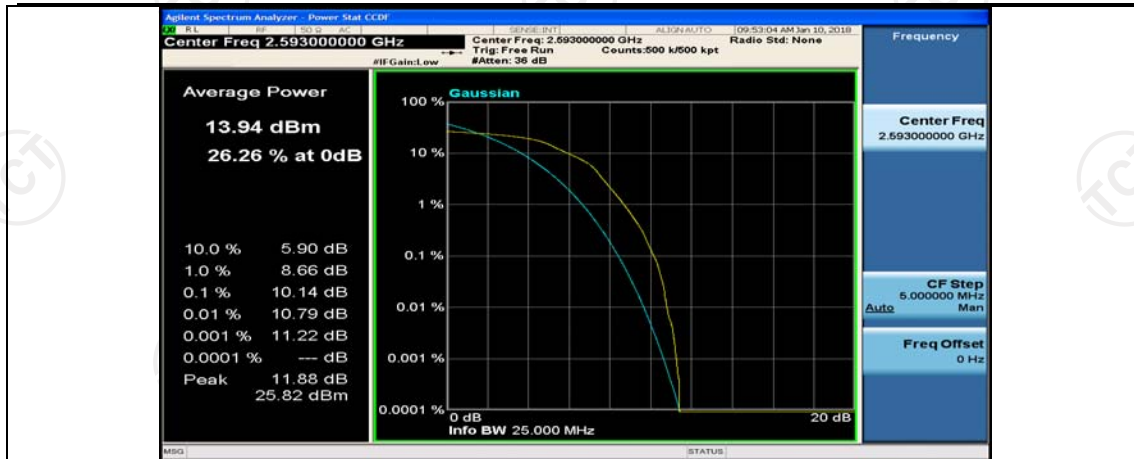


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49

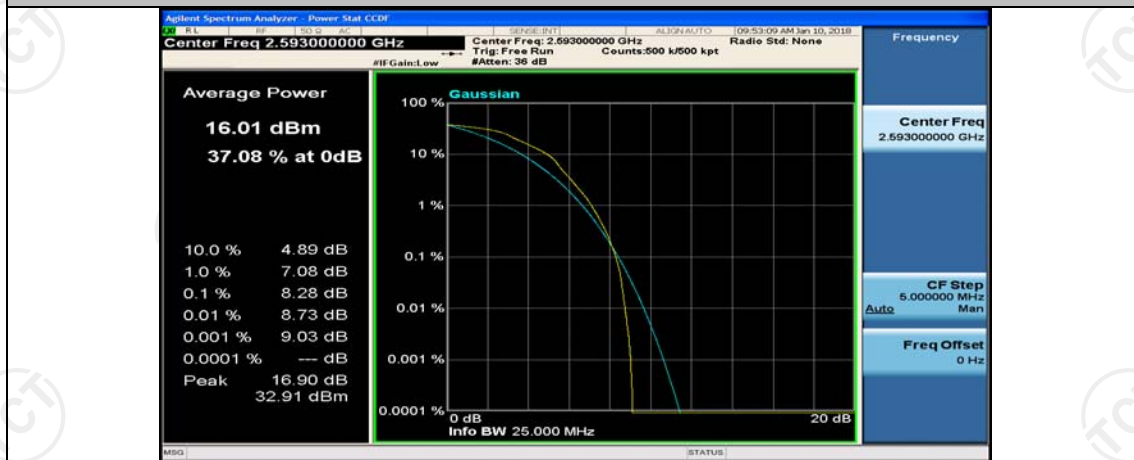




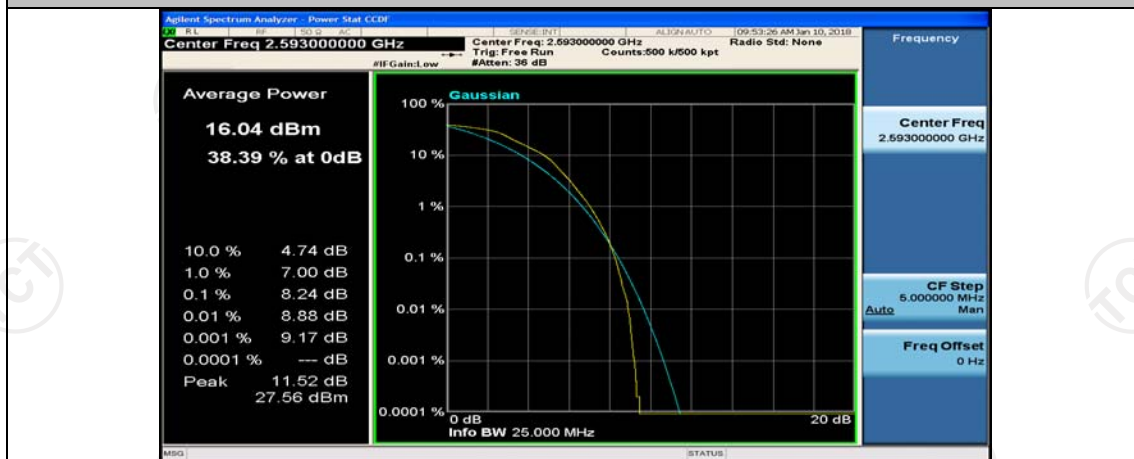




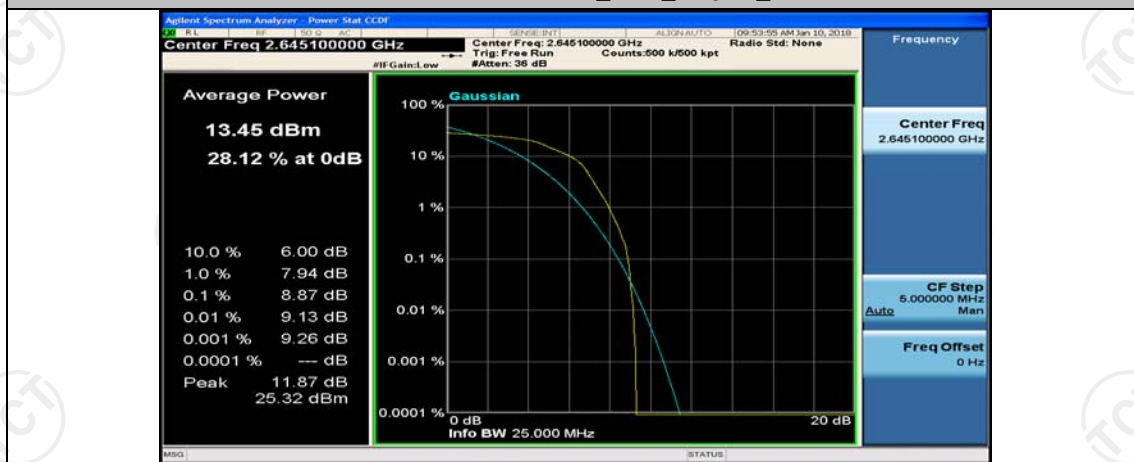
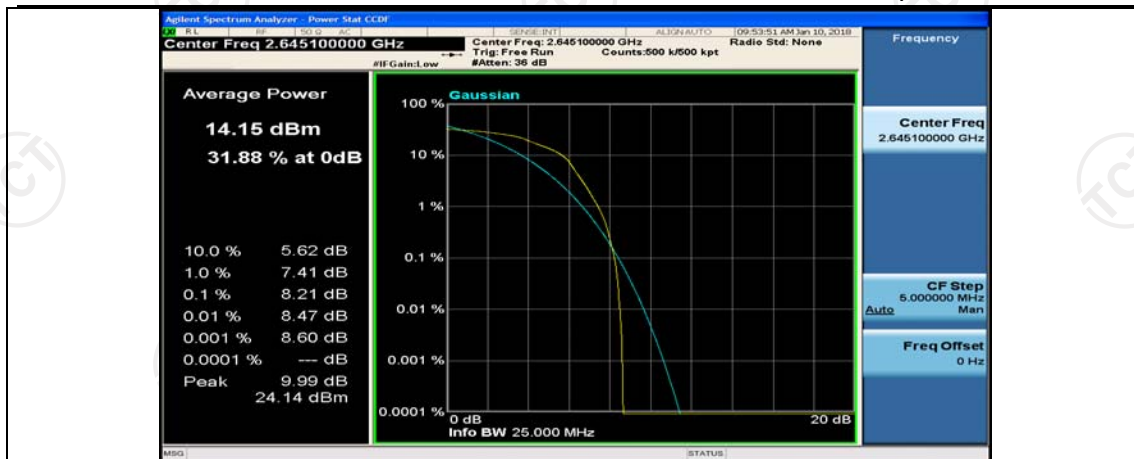
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25

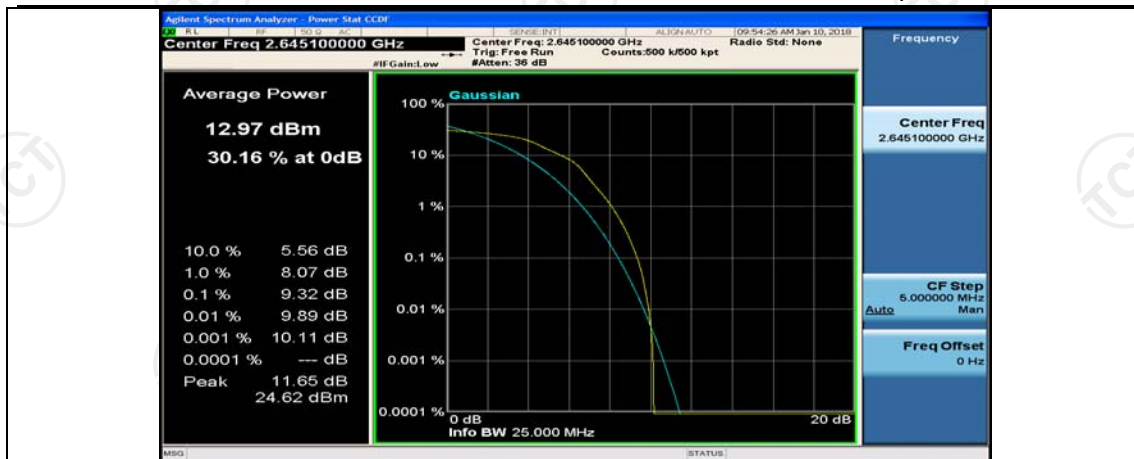


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0

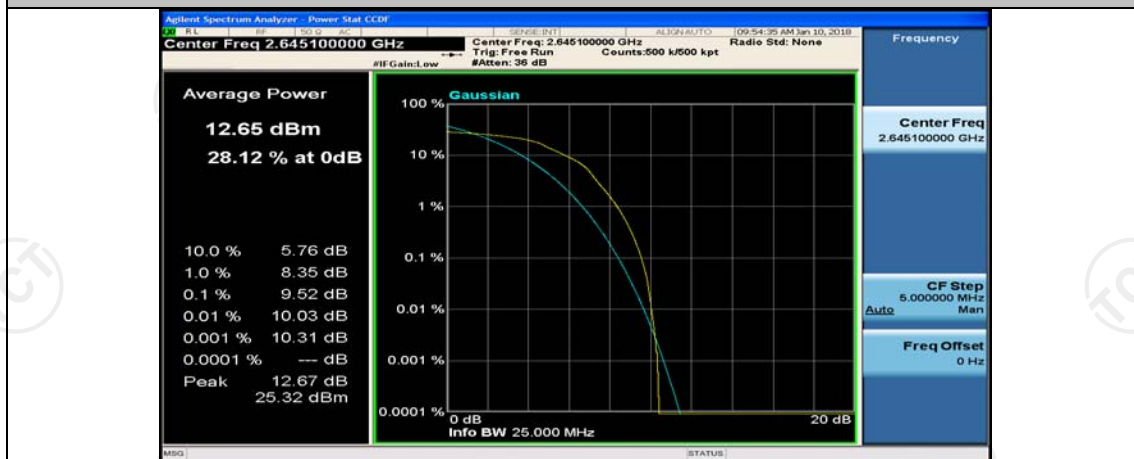




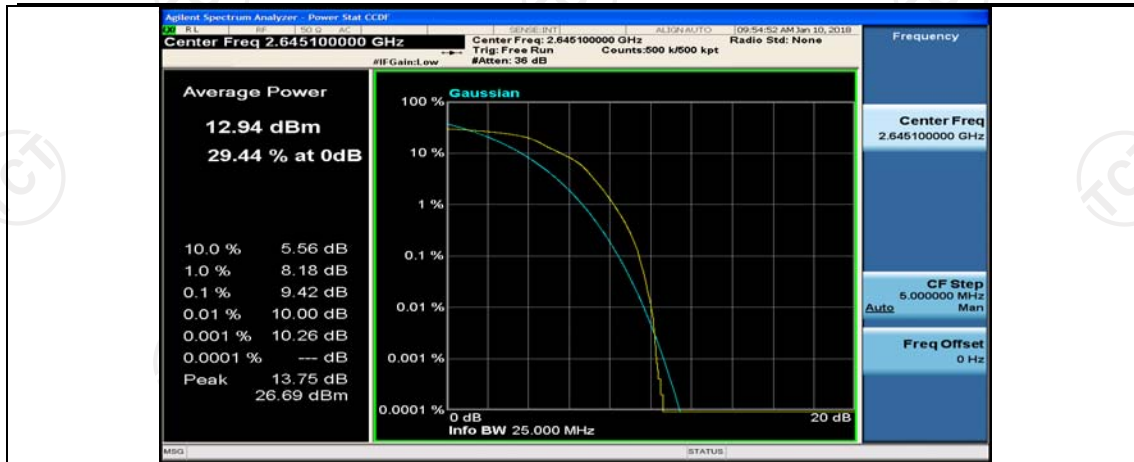
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#12



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#25

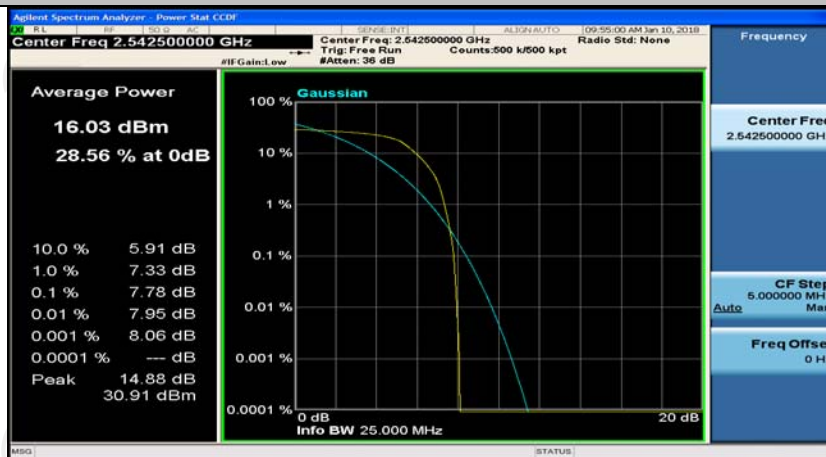


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0



Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#0



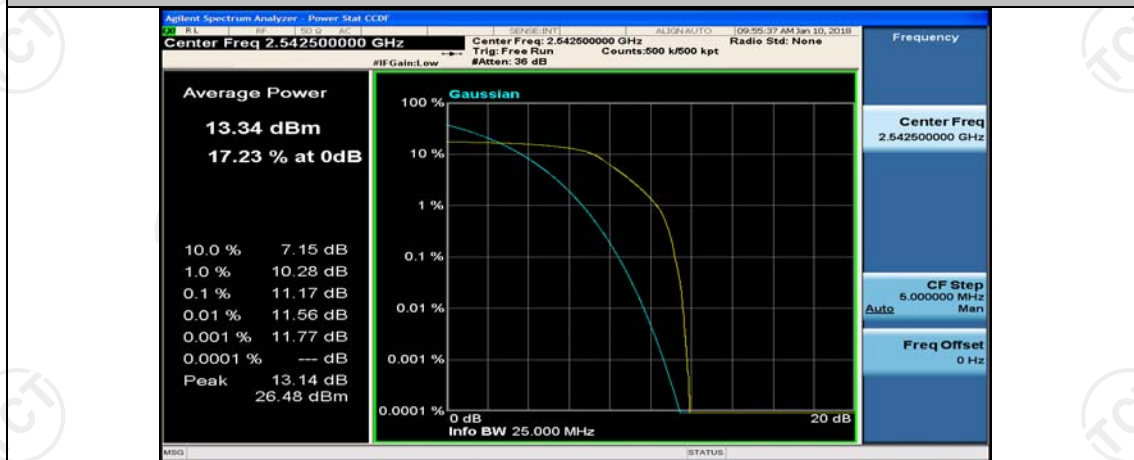
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#37



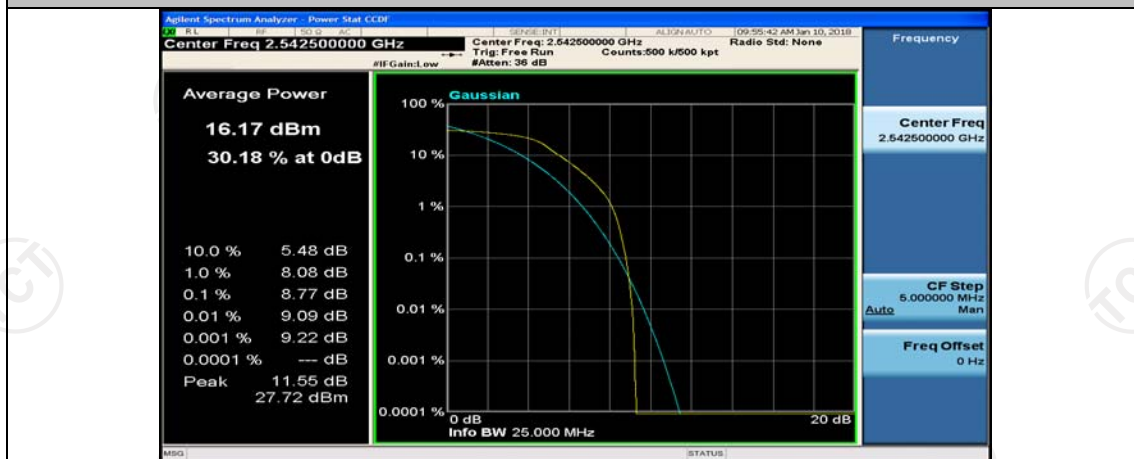
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#74



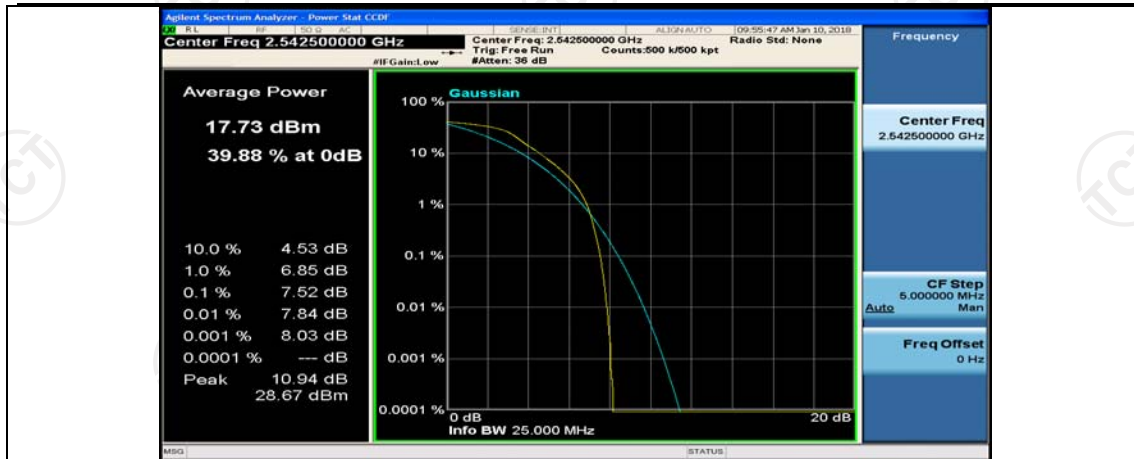
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#0



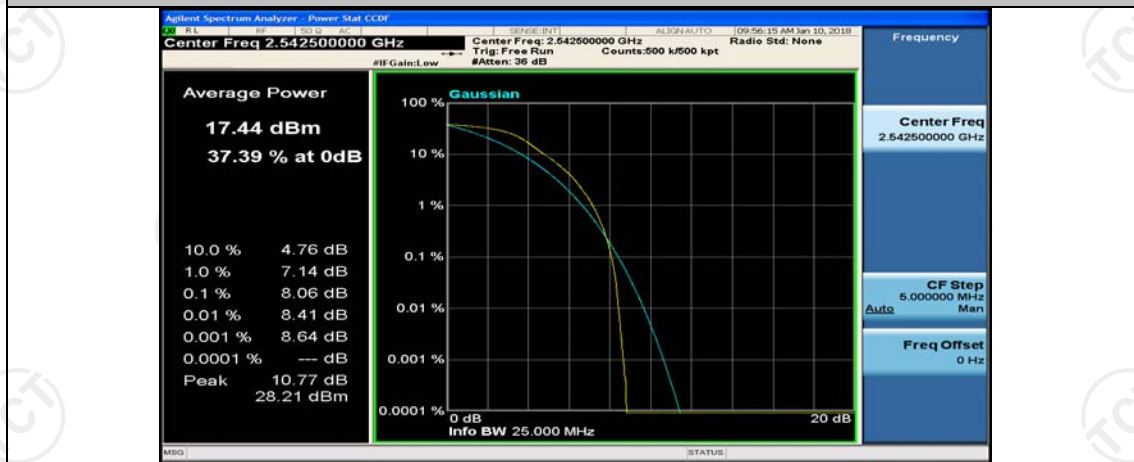
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#18



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#38



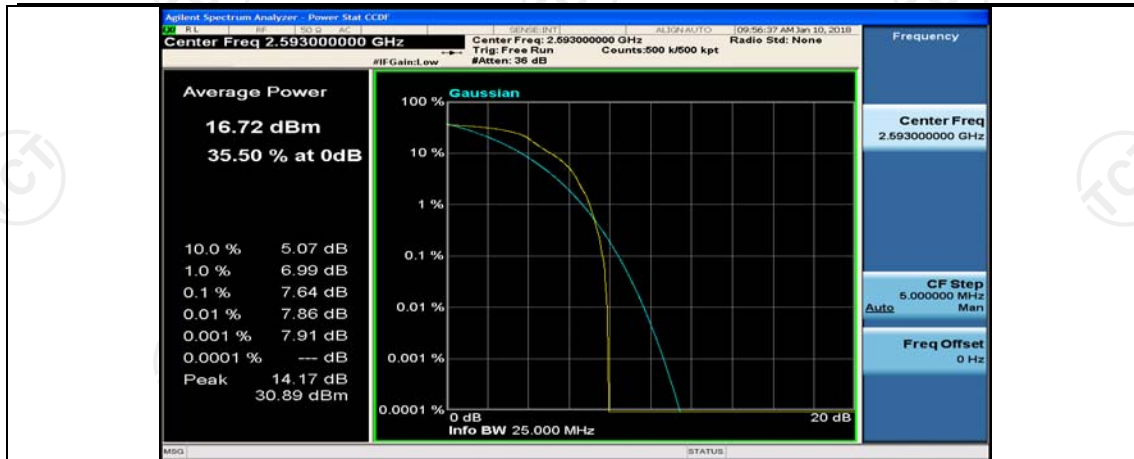
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_75RB#0



(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#0



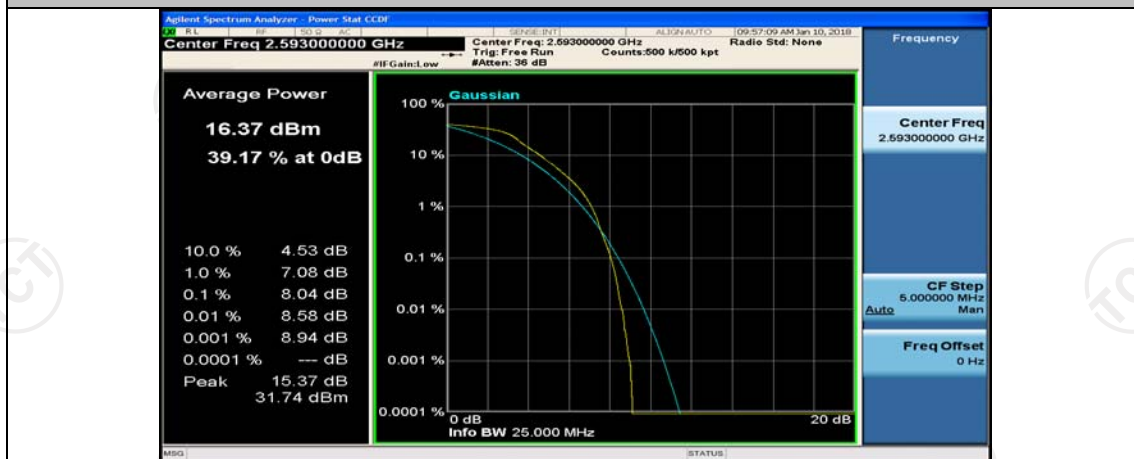
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#37



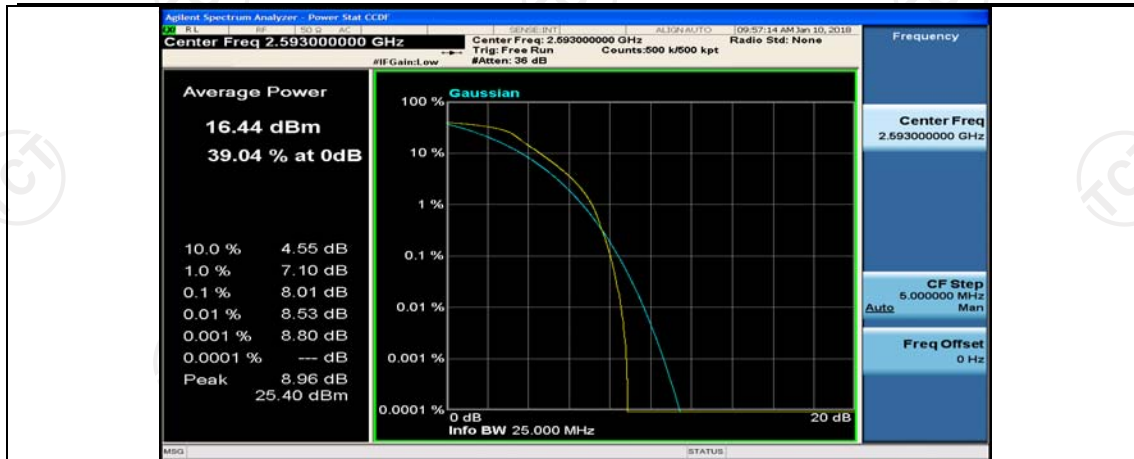
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74



(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#0



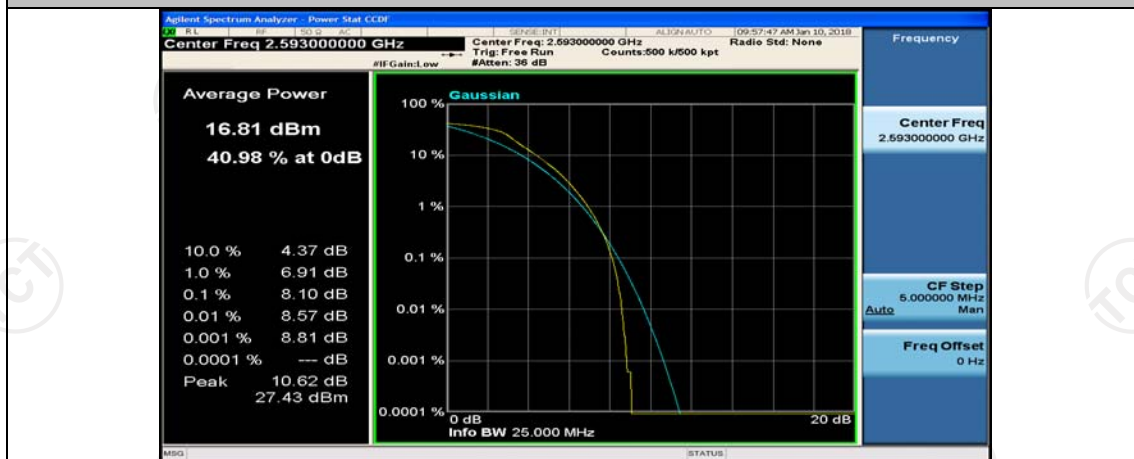
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#18



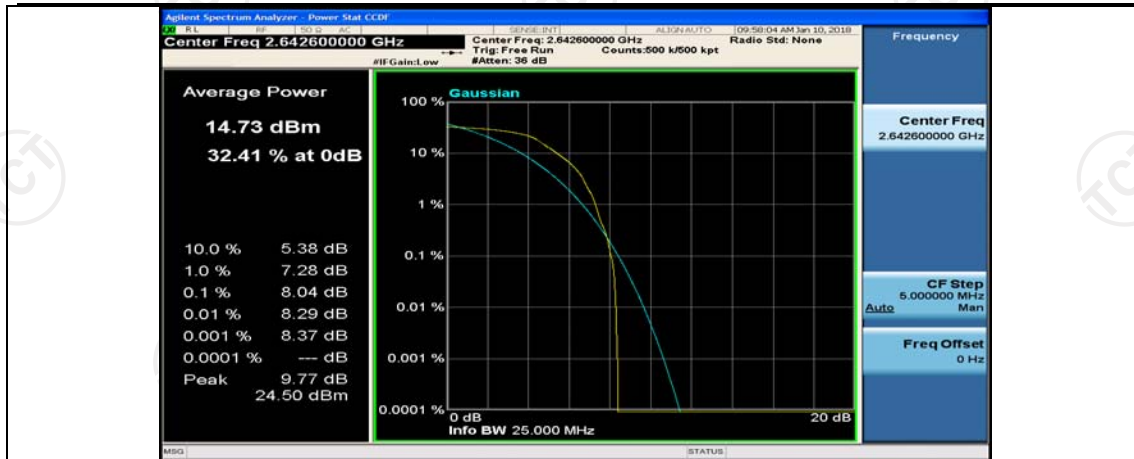
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#38

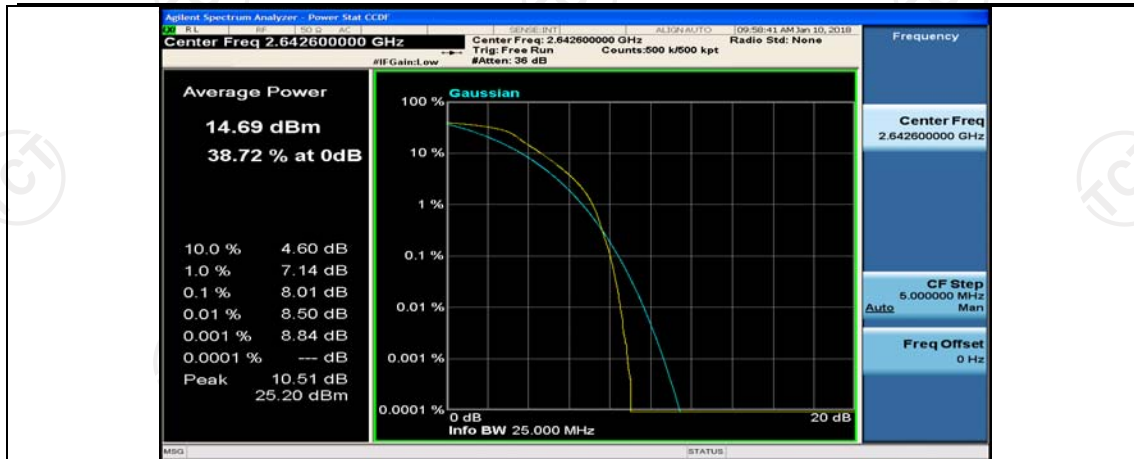


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_75RB#0

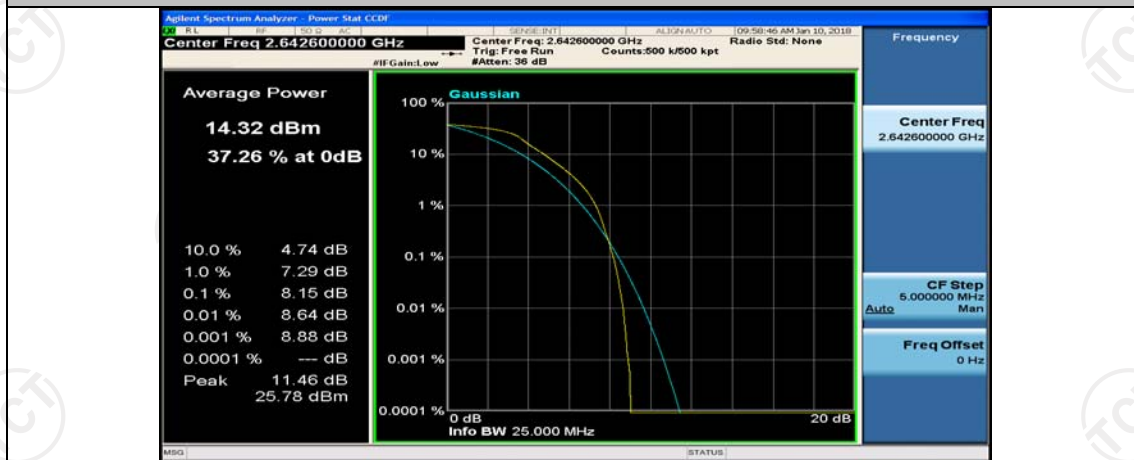


(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#0

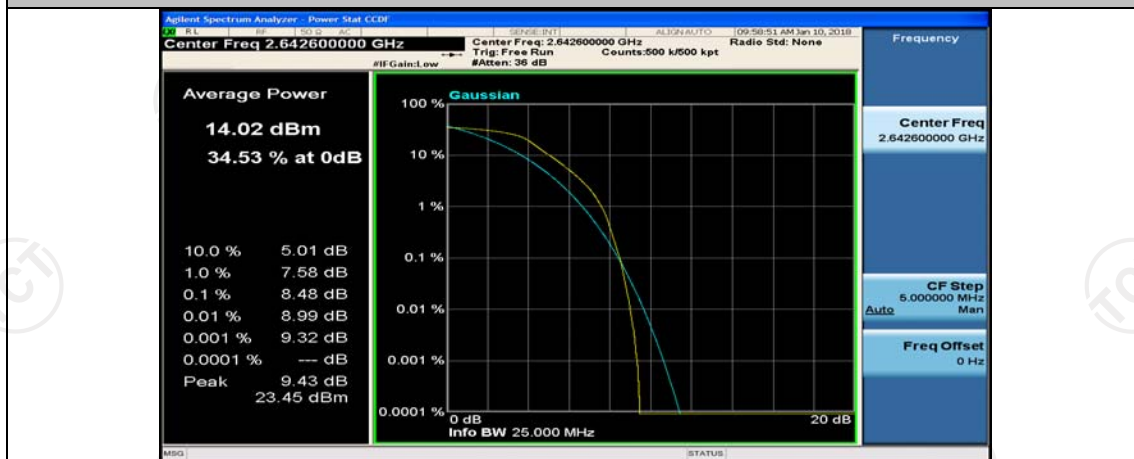




(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#18



(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#38



(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_75RB#0