

## 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      | 23.10               | 24.09         | PASS    |
|                          |         | 1                | 12     | 23.18               | 24.17         | PASS    |
|                          |         | 1                | 24     | 23.02               | 24.01         | PASS    |
|                          |         | 12               | 0      | 22.10               | 23.09         | PASS    |
|                          |         | 12               | 6      | 22.10               | 23.09         | PASS    |
|                          |         | 12               | 13     | 22.06               | 23.05         | PASS    |
|                          |         | 25               | 0      | 22.14               | 23.13         | PASS    |
|                          | MCH     | 1                | 0      | 22.58               | 23.57         | PASS    |
|                          |         | 1                | 12     | 22.73               | 23.72         | PASS    |
|                          |         | 1                | 24     | 22.59               | 23.58         | PASS    |
|                          |         | 12               | 0      | 21.58               | 22.57         | PASS    |
|                          |         | 12               | 6      | 21.58               | 22.57         | PASS    |
|                          |         | 12               | 13     | 21.58               | 22.57         | PASS    |
|                          |         | 25               | 0      | 21.62               | 22.61         | PASS    |
|                          | HCH     | 1                | 0      | 22.40               | 23.39         | PASS    |
|                          |         | 1                | 12     | 22.48               | 23.47         | PASS    |
|                          |         | 1                | 24     | 22.36               | 23.35         | PASS    |
|                          |         | 12               | 0      | 21.33               | 22.32         | PASS    |
|                          |         | 12               | 6      | 21.34               | 22.33         | PASS    |
|                          |         | 12               | 13     | 21.27               | 22.26         | PASS    |
|                          |         | 25               | 0      | 21.32               | 22.31         | PASS    |
| 16QAM                    | LCH     | 1                | 0      | 21.99               | 22.98         | PASS    |
|                          |         | 1                | 12     | 22.12               | 23.11         | PASS    |
|                          |         | 1                | 24     | 21.99               | 22.98         | PASS    |
|                          |         | 12               | 0      | 21.14               | 22.13         | PASS    |
|                          |         | 12               | 6      | 21.14               | 22.13         | PASS    |
|                          |         | 12               | 13     | 21.10               | 22.09         | PASS    |
|                          |         | 25               | 0      | 21.14               | 22.13         | PASS    |

|  |     |    |    |       |       |      |
|--|-----|----|----|-------|-------|------|
|  | MCH | 1  | 0  | 21.74 | 22.73 | PASS |
|  |     | 1  | 12 | 21.82 | 22.81 | PASS |
|  |     | 1  | 24 | 21.71 | 22.70 | PASS |
|  |     | 12 | 0  | 20.69 | 21.68 | PASS |
|  |     | 12 | 6  | 20.67 | 21.66 | PASS |
|  |     | 12 | 13 | 20.63 | 21.62 | PASS |
|  |     | 25 | 0  | 20.62 | 21.61 | PASS |
|  | HCH | 1  | 0  | 21.30 | 22.29 | PASS |
|  |     | 1  | 12 | 21.40 | 22.39 | PASS |
|  |     | 1  | 24 | 21.28 | 22.27 | PASS |
|  |     | 12 | 0  | 20.33 | 21.32 | PASS |
|  |     | 12 | 6  | 20.35 | 21.34 | PASS |
|  |     | 12 | 13 | 20.31 | 21.30 | PASS |
|  |     | 25 | 0  | 20.39 | 21.38 | 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      | 23.05               | 24.04         | PASS    |
|                           |         | 1                | 24     | 23.15               | 24.14         | PASS    |
|                           |         | 1                | 49     | 22.90               | 23.89         | PASS    |
|                           |         | 25               | 0      | 22.08               | 23.07         | PASS    |
|                           |         | 25               | 12     | 22.11               | 23.10         | PASS    |
|                           |         | 25               | 25     | 22.08               | 23.07         | PASS    |
|                           |         | 50               | 0      | 22.07               | 23.06         | PASS    |
|                           | MCH     | 1                | 0      | 22.69               | 23.68         | PASS    |
|                           |         | 1                | 24     | 22.77               | 23.76         | PASS    |
|                           |         | 1                | 49     | 22.58               | 23.57         | PASS    |
|                           |         | 25               | 0      | 21.72               | 22.71         | PASS    |
|                           |         | 25               | 12     | 21.73               | 22.72         | PASS    |
|                           |         | 25               | 25     | 21.67               | 22.66         | PASS    |
|                           |         | 50               | 0      | 21.68               | 22.67         | PASS    |
|                           | HCH     | 1                | 0      | 22.41               | 23.40         | PASS    |
|                           |         | 1                | 24     | 22.49               | 23.48         | PASS    |
|                           |         | 1                | 49     | 22.37               | 23.36         | PASS    |
|                           |         | 25               | 0      | 21.41               | 22.40         | PASS    |
|                           |         | 25               | 12     | 21.41               | 22.40         | PASS    |
|                           |         | 25               | 25     | 21.40               | 22.39         | PASS    |
|                           |         | 50               | 0      | 21.37               | 22.36         | PASS    |

|       |     |    |    |       |       |      |
|-------|-----|----|----|-------|-------|------|
| 16QAM | LCH | 1  | 0  | 22.19 | 23.18 | PASS |
|       |     | 1  | 24 | 22.27 | 23.26 | PASS |
|       |     | 1  | 49 | 22.04 | 23.03 | PASS |
|       |     | 25 | 0  | 21.08 | 22.07 | PASS |
|       |     | 25 | 12 | 21.14 | 22.13 | PASS |
|       |     | 25 | 25 | 21.08 | 22.07 | PASS |
|       |     | 50 | 0  | 21.02 | 22.01 | PASS |
|       | MCH | 1  | 0  | 21.78 | 22.77 | PASS |
|       |     | 1  | 24 | 21.81 | 22.80 | PASS |
|       |     | 1  | 49 | 21.67 | 22.66 | PASS |
|       |     | 25 | 0  | 20.77 | 21.76 | PASS |
|       |     | 25 | 12 | 20.75 | 21.74 | PASS |
|       |     | 25 | 25 | 20.66 | 21.65 | PASS |
|       |     | 50 | 0  | 20.70 | 21.69 | PASS |
|       | HCH | 1  | 0  | 21.25 | 22.24 | PASS |
|       |     | 1  | 24 | 21.36 | 22.35 | PASS |
|       |     | 1  | 49 | 21.20 | 22.19 | PASS |
|       |     | 25 | 0  | 20.47 | 21.46 | PASS |
|       |     | 25 | 12 | 20.45 | 21.44 | PASS |
|       |     | 25 | 25 | 20.39 | 21.38 | PASS |
|       |     | 50 | 0  | 20.40 | 21.39 | 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      | 23.04               | 24.03         | PASS    |
|                           |         | 1                | 37     | 23.02               | 24.01         | PASS    |
|                           |         | 1                | 74     | 22.82               | 23.81         | PASS    |
|                           |         | 37               | 0      | 22.08               | 23.07         | PASS    |
|                           |         | 37               | 18     | 22.11               | 23.10         | PASS    |
|                           |         | 37               | 38     | 22.12               | 23.11         | PASS    |
|                           |         | 75               | 0      | 22.10               | 23.09         | PASS    |
|                           | MCH     | 1                | 0      | 22.66               | 23.65         | PASS    |
|                           |         | 1                | 37     | 22.67               | 23.66         | PASS    |
|                           |         | 1                | 74     | 22.50               | 23.49         | PASS    |
|                           |         | 37               | 0      | 21.72               | 22.71         | PASS    |
|                           |         | 37               | 18     | 21.73               | 22.72         | PASS    |
|                           |         | 37               | 38     | 21.73               | 22.72         | PASS    |
|                           |         | 75               | 0      | 21.72               | 22.71         | PASS    |

|       |     |    |    |       |       |      |
|-------|-----|----|----|-------|-------|------|
|       | HCH | 1  | 0  | 22.36 | 23.35 | PASS |
|       |     | 1  | 37 | 22.44 | 23.43 | PASS |
|       |     | 1  | 74 | 22.30 | 23.29 | PASS |
|       |     | 37 | 0  | 21.50 | 22.49 | PASS |
|       |     | 37 | 18 | 21.48 | 22.47 | PASS |
|       |     | 37 | 38 | 21.51 | 22.50 | PASS |
|       |     | 75 | 0  | 21.48 | 22.47 | PASS |
| 16QAM | LCH | 1  | 0  | 22.14 | 23.13 | PASS |
|       |     | 1  | 37 | 22.14 | 23.13 | PASS |
|       |     | 1  | 74 | 21.90 | 22.89 | PASS |
|       |     | 37 | 0  | 22.07 | 23.06 | PASS |
|       |     | 37 | 18 | 22.08 | 23.07 | PASS |
|       |     | 37 | 38 | 22.09 | 23.08 | PASS |
|       |     | 75 | 0  | 21.03 | 22.02 | PASS |
|       | MCH | 1  | 0  | 21.84 | 22.83 | PASS |
|       |     | 1  | 37 | 21.84 | 22.83 | PASS |
|       |     | 1  | 74 | 21.67 | 22.66 | PASS |
|       |     | 37 | 0  | 21.73 | 22.72 | PASS |
|       |     | 37 | 18 | 21.74 | 22.73 | PASS |
|       |     | 37 | 38 | 21.71 | 22.70 | PASS |
|       |     | 75 | 0  | 20.71 | 21.70 | PASS |
|       | HCH | 1  | 0  | 21.22 | 22.21 | PASS |
|       |     | 1  | 37 | 21.30 | 22.29 | PASS |
|       |     | 1  | 74 | 21.16 | 22.15 | PASS |
|       |     | 37 | 0  | 21.49 | 22.48 | PASS |
|       |     | 37 | 18 | 21.49 | 22.48 | PASS |
|       |     | 37 | 38 | 21.49 | 22.48 | PASS |
|       |     | 75 | 0  | 20.47 | 21.46 | 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      | 22.95               | 23.94         | PASS    |
|                           |         | 1                | 49     | 23.20               | 24.19         | PASS    |
|                           |         | 1                | 99     | 22.68               | 23.67         | PASS    |
|                           |         | 50               | 0      | 21.91               | 22.90         | PASS    |
|                           |         | 50               | 25     | 21.91               | 22.90         | PASS    |
|                           |         | 50               | 50     | 21.90               | 22.89         | PASS    |
|                           |         | 100              | 0      | 21.88               | 22.87         | PASS    |

|       |     |     |    |       |       |      |
|-------|-----|-----|----|-------|-------|------|
|       | MCH | 1   | 0  | 22.57 | 23.56 | PASS |
|       |     | 1   | 49 | 22.77 | 23.76 | PASS |
|       |     | 1   | 99 | 22.36 | 23.35 | PASS |
|       |     | 50  | 0  | 21.68 | 22.67 | PASS |
|       |     | 50  | 25 | 21.67 | 22.66 | PASS |
|       |     | 50  | 50 | 21.57 | 22.56 | PASS |
|       |     | 100 | 0  | 21.60 | 22.59 | PASS |
|       | HCH | 1   | 0  | 22.16 | 23.15 | PASS |
|       |     | 1   | 49 | 22.34 | 23.33 | PASS |
|       |     | 1   | 99 | 22.05 | 23.04 | PASS |
|       |     | 50  | 0  | 21.33 | 22.32 | PASS |
|       |     | 50  | 25 | 21.37 | 22.36 | PASS |
|       |     | 50  | 50 | 21.32 | 22.31 | PASS |
|       |     | 100 | 0  | 21.30 | 22.29 | PASS |
| 16QAM | LCH | 1   | 0  | 21.87 | 22.86 | PASS |
|       |     | 1   | 49 | 22.12 | 23.11 | PASS |
|       |     | 1   | 99 | 21.59 | 22.58 | PASS |
|       |     | 50  | 0  | 20.92 | 21.91 | PASS |
|       |     | 50  | 25 | 20.91 | 21.90 | PASS |
|       |     | 50  | 50 | 20.93 | 21.92 | PASS |
|       |     | 100 | 0  | 20.88 | 21.87 | PASS |
|       | MCH | 1   | 0  | 21.58 | 22.57 | PASS |
|       |     | 1   | 49 | 21.87 | 22.86 | PASS |
|       |     | 1   | 99 | 21.44 | 22.43 | PASS |
|       |     | 50  | 0  | 20.67 | 21.66 | PASS |
|       |     | 50  | 25 | 20.69 | 21.68 | PASS |
|       |     | 50  | 50 | 20.58 | 21.57 | PASS |
|       |     | 100 | 0  | 20.59 | 21.58 | PASS |
|       | HCH | 1   | 0  | 21.17 | 22.16 | PASS |
|       |     | 1   | 49 | 21.45 | 22.44 | PASS |
|       |     | 1   | 99 | 21.09 | 22.08 | PASS |
|       |     | 50  | 0  | 20.38 | 21.37 | PASS |
|       |     | 50  | 25 | 20.41 | 21.40 | PASS |
|       |     | 50  | 50 | 20.36 | 21.35 | PASS |
|       |     | 100 | 0  | 20.31 | 21.30 | 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      | 4.55                          | <13           | PASS    |
|                          |         | 1                | 12     | 4.6                           | <13           | PASS    |
|                          |         | 1                | 24     | 4.78                          | <13           | PASS    |
|                          |         | 12               | 0      | 5.01                          | <13           | PASS    |
|                          |         | 12               | 6      | 5.04                          | <13           | PASS    |
|                          |         | 12               | 13     | 5.05                          | <13           | PASS    |
|                          |         | 25               | 0      | 5.1                           | <13           | PASS    |
|                          | MCH     | 1                | 0      | 4.41                          | <13           | PASS    |
|                          |         | 1                | 12     | 4.42                          | <13           | PASS    |
|                          |         | 1                | 24     | 4.62                          | <13           | PASS    |
|                          |         | 12               | 0      | 4.85                          | <13           | PASS    |
|                          |         | 12               | 6      | 4.87                          | <13           | PASS    |
|                          |         | 12               | 13     | 4.94                          | <13           | PASS    |
|                          |         | 25               | 0      | 4.98                          | <13           | PASS    |
|                          | HCH     | 1                | 0      | 4.13                          | <13           | PASS    |
|                          |         | 1                | 12     | 4.15                          | <13           | PASS    |
|                          |         | 1                | 24     | 4.24                          | <13           | PASS    |
|                          |         | 12               | 0      | 4.75                          | <13           | PASS    |
|                          |         | 12               | 6      | 4.81                          | <13           | PASS    |
|                          |         | 12               | 13     | 4.91                          | <13           | PASS    |
|                          |         | 25               | 0      | 4.75                          | <13           | PASS    |
| 16QAM                    | LCH     | 1                | 0      | 5.21                          | <13           | PASS    |
|                          |         | 1                | 12     | 5.3                           | <13           | PASS    |
|                          |         | 1                | 24     | 5.32                          | <13           | PASS    |
|                          |         | 12               | 0      | 5.83                          | <13           | PASS    |
|                          |         | 12               | 6      | 5.83                          | <13           | PASS    |

|  |     |    |    |      |     |      |
|--|-----|----|----|------|-----|------|
|  |     | 12 | 13 | 5.88 | <13 | PASS |
|  |     | 25 | 0  | 5.84 | <13 | PASS |
|  | MCH | 1  | 0  | 5.09 | <13 | PASS |
|  |     | 1  | 12 | 5.12 | <13 | PASS |
|  |     | 1  | 24 | 5.26 | <13 | PASS |
|  |     | 12 | 0  | 5.73 | <13 | PASS |
|  |     | 12 | 6  | 5.7  | <13 | PASS |
|  |     | 12 | 13 | 5.7  | <13 | PASS |
|  |     | 25 | 0  | 5.75 | <13 | PASS |
|  |     |    |    |      |     |      |
|  | HCH | 1  | 0  | 4.86 | <13 | PASS |
|  |     | 1  | 12 | 4.87 | <13 | PASS |
|  |     | 1  | 24 | 4.98 | <13 | PASS |
|  |     | 12 | 0  | 5.5  | <13 | PASS |
|  |     | 12 | 6  | 5.52 | <13 | PASS |
|  |     | 12 | 13 | 5.59 | <13 | PASS |
|  |     | 25 | 0  | 5.57 | <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      | 4.32                          | <13           | PASS    |
|                           |         | 1                | 24     | 4.44                          | <13           | PASS    |
|                           |         | 1                | 49     | 4.64                          | <13           | PASS    |
|                           |         | 25               | 0      | 5.1                           | <13           | PASS    |
|                           |         | 25               | 12     | 5.09                          | <13           | PASS    |
|                           |         | 25               | 25     | 5.15                          | <13           | PASS    |
|                           |         | 50               | 0      | 5.14                          | <13           | PASS    |
|                           | MCH     | 1                | 0      | 4.26                          | <13           | PASS    |
|                           |         | 1                | 24     | 4.3                           | <13           | PASS    |
|                           |         | 1                | 49     | 4.54                          | <13           | PASS    |
|                           |         | 25               | 0      | 4.89                          | <13           | PASS    |
|                           |         | 25               | 12     | 4.92                          | <13           | PASS    |
|                           |         | 25               | 25     | 5.06                          | <13           | PASS    |
|                           |         | 50               | 0      | 4.97                          | <13           | PASS    |
|                           | HCH     | 1                | 0      | 3.85                          | <13           | PASS    |
|                           |         | 1                | 24     | 3.85                          | <13           | PASS    |
|                           |         | 1                | 49     | 4.03                          | <13           | PASS    |
|                           |         | 25               | 0      | 4.61                          | <13           | PASS    |

|       |     |    |    |      |     |      |
|-------|-----|----|----|------|-----|------|
| 16QAM |     | 25 | 12 | 4.63 | <13 | PASS |
|       |     | 25 | 25 | 4.78 | <13 | PASS |
|       |     | 50 | 0  | 4.67 | <13 | PASS |
|       | LCH | 1  | 0  | 5.27 | <13 | PASS |
|       |     | 1  | 24 | 5.3  | <13 | PASS |
|       |     | 1  | 49 | 5.51 | <13 | PASS |
|       |     | 25 | 0  | 5.97 | <13 | PASS |
|       |     | 25 | 12 | 5.97 | <13 | PASS |
|       |     | 25 | 25 | 6.02 | <13 | PASS |
|       |     | 50 | 0  | 5.92 | <13 | PASS |
|       | MCH | 1  | 0  | 5.22 | <13 | PASS |
|       |     | 1  | 24 | 5.38 | <13 | PASS |
|       |     | 1  | 49 | 5.45 | <13 | PASS |
|       |     | 25 | 0  | 5.71 | <13 | PASS |
|       |     | 25 | 12 | 5.72 | <13 | PASS |
|       |     | 25 | 25 | 5.86 | <13 | PASS |
|       |     | 50 | 0  | 5.71 | <13 | PASS |
|       | HCH | 1  | 0  | 4.65 | <13 | PASS |
|       |     | 1  | 24 | 4.66 | <13 | PASS |
|       |     | 1  | 49 | 4.85 | <13 | PASS |
|       |     | 25 | 0  | 5.44 | <13 | PASS |
|       |     | 25 | 12 | 5.48 | <13 | PASS |
|       |     | 25 | 25 | 5.63 | <13 | PASS |
|       |     | 50 | 0  | 5.5  | <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      | 4.37                          | <13           | PASS    |
|                           |         | 1                | 37     | 4.52                          | <13           | PASS    |
|                           |         | 1                | 74     | 4.57                          | <13           | PASS    |
|                           |         | 37               | 0      | 5.49                          | <13           | PASS    |
|                           |         | 37               | 18     | 5.48                          | <13           | PASS    |
|                           |         | 37               | 38     | 5.5                           | <13           | PASS    |
|                           |         | 75               | 0      | 5.46                          | <13           | PASS    |
|                           | MCH     | 1                | 0      | 4.26                          | <13           | PASS    |
|                           |         | 1                | 37     | 4.34                          | <13           | PASS    |
|                           |         | 1                | 74     | 4.66                          | <13           | PASS    |

|       |     |    |    |      |     |      |
|-------|-----|----|----|------|-----|------|
|       |     | 37 | 0  | 5.29 | <13 | PASS |
|       |     | 37 | 18 | 5.31 | <13 | PASS |
|       |     | 37 | 38 | 5.29 | <13 | PASS |
|       |     | 75 | 0  | 5.31 | <13 | PASS |
|       | HCH | 1  | 0  | 4.18 | <13 | PASS |
|       |     | 1  | 37 | 3.9  | <13 | PASS |
|       |     | 1  | 74 | 4.29 | <13 | PASS |
|       |     | 37 | 0  | 5.06 | <13 | PASS |
|       |     | 37 | 18 | 5.04 | <13 | PASS |
|       |     | 37 | 38 | 5.05 | <13 | PASS |
|       |     | 75 | 0  | 5.04 | <13 | PASS |
|       |     |    |    |      |     |      |
| 16QAM | LCH | 1  | 0  | 5.32 | <13 | PASS |
|       |     | 1  | 37 | 5.58 | <13 | PASS |
|       |     | 1  | 74 | 5.5  | <13 | PASS |
|       |     | 37 | 0  | 5.48 | <13 | PASS |
|       |     | 37 | 18 | 5.48 | <13 | PASS |
|       |     | 37 | 38 | 5.5  | <13 | PASS |
|       |     | 75 | 0  | 6.03 | <13 | PASS |
|       |     |    |    |      |     |      |
|       | MCH | 1  | 0  | 5.1  | <13 | PASS |
|       |     | 1  | 37 | 5.2  | <13 | PASS |
|       |     | 1  | 74 | 5.36 | <13 | PASS |
|       |     | 37 | 0  | 5.31 | <13 | PASS |
|       |     | 37 | 18 | 5.29 | <13 | PASS |
|       |     | 37 | 38 | 5.31 | <13 | PASS |
|       |     | 75 | 0  | 5.88 | <13 | PASS |
|       |     |    |    |      |     |      |
|       | HCH | 1  | 0  | 4.96 | <13 | PASS |
|       |     | 1  | 37 | 4.79 | <13 | PASS |
|       |     | 1  | 74 | 4.99 | <13 | PASS |
|       |     | 37 | 0  | 5.05 | <13 | PASS |
|       |     | 37 | 18 | 5.05 | <13 | PASS |
|       |     | 37 | 38 | 5.07 | <13 | PASS |
|       |     | 75 | 0  | 5.64 | <13 | PASS |
|       |     |    |    |      |     |      |

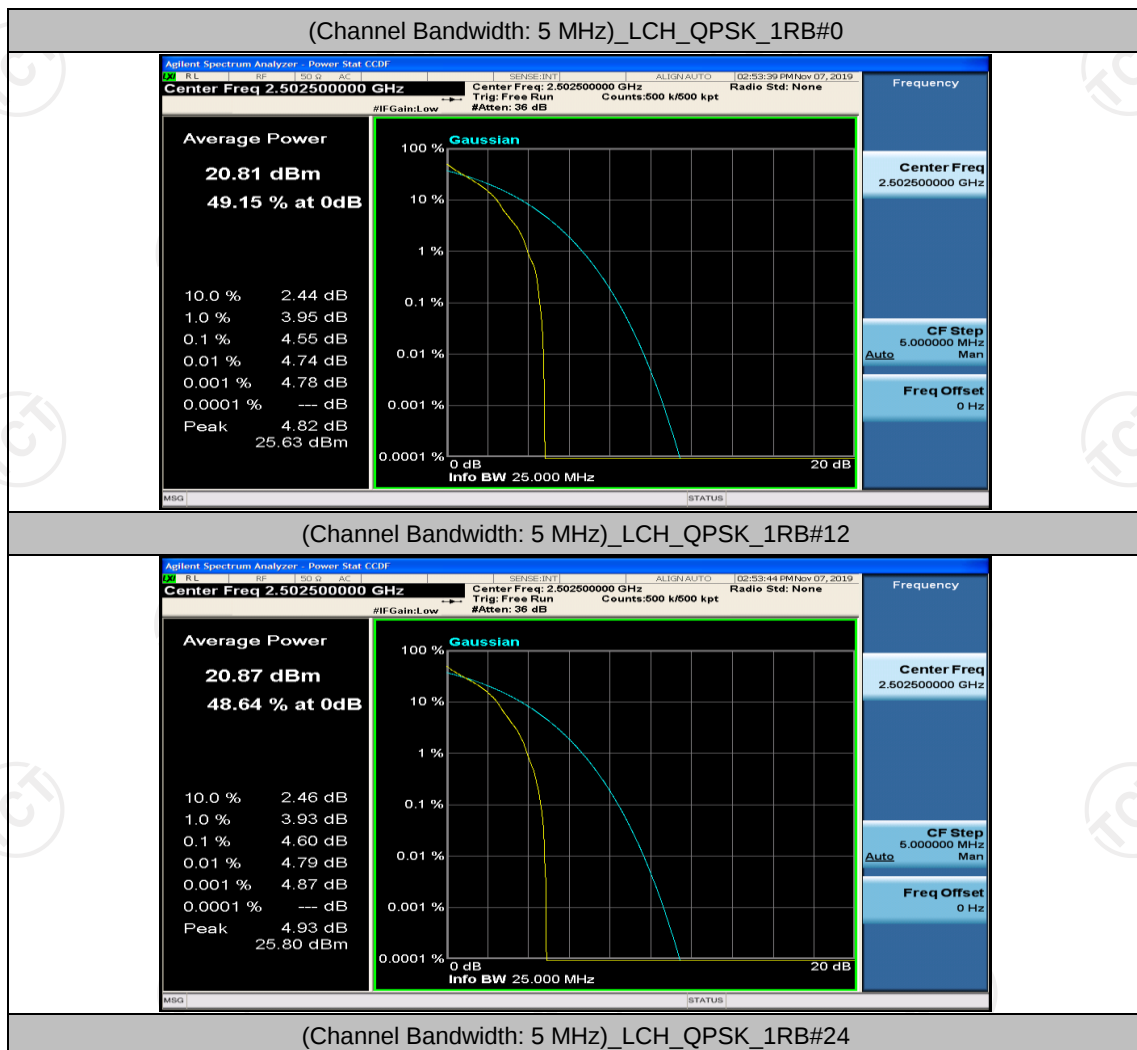
## Channel Bandwidth: 20 MHz

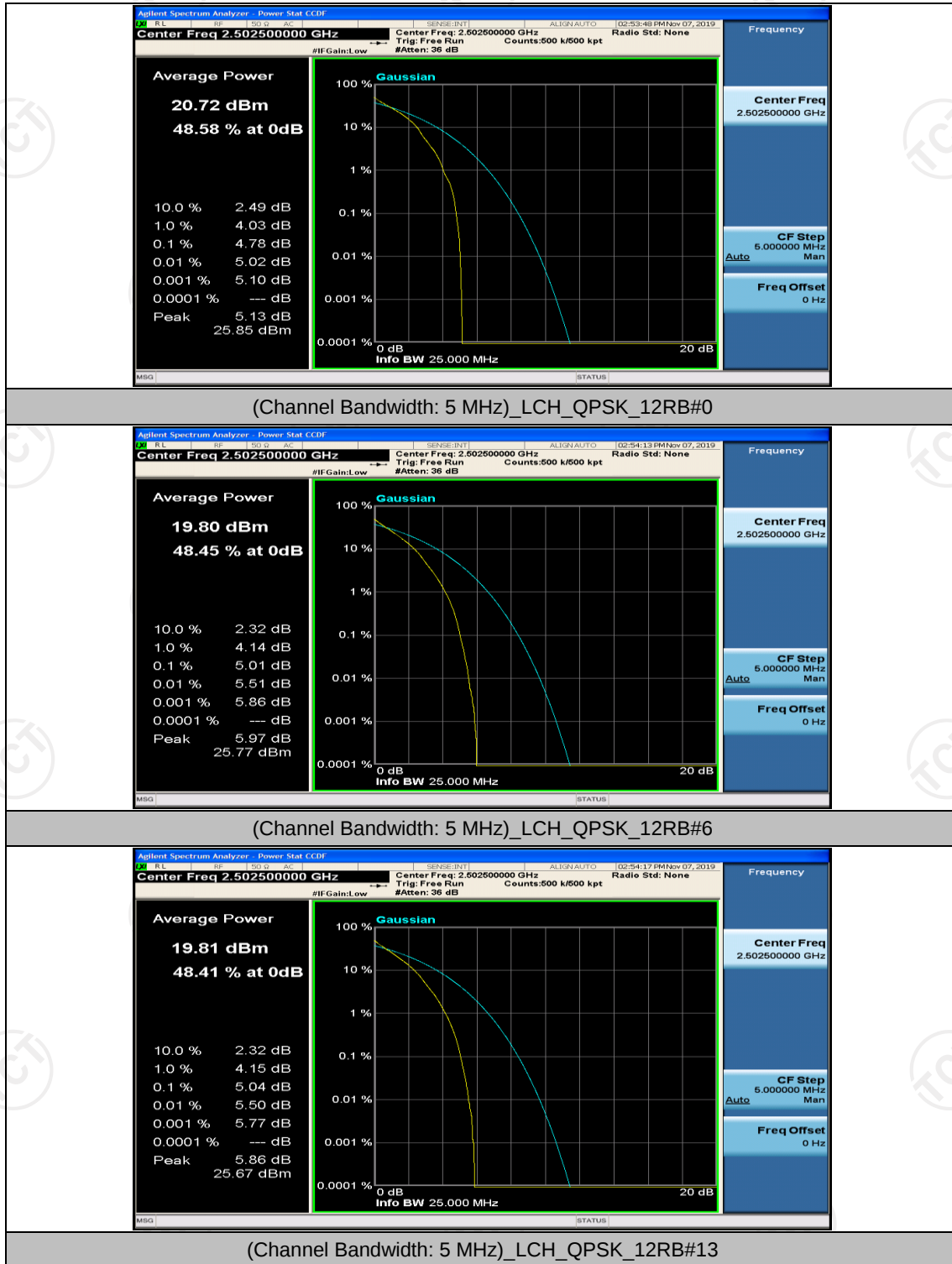
| Channel Bandwidth: 20 MHz |         |                  |        |                               |               |         |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation                | Channel | RB Configuration |        | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|                           |         | Size             | Offset |                               |               |         |
| QPSK                      | LCH     | 1                | 0      | 4.46                          | <13           | PASS    |
|                           |         | 1                | 49     | 4.45                          | <13           | PASS    |

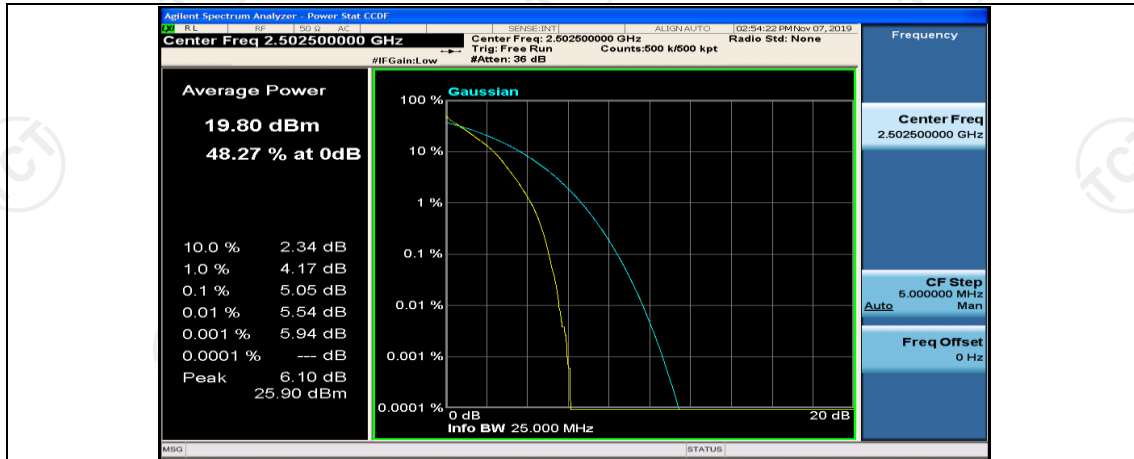
|       |     |     |    |      |     |      |
|-------|-----|-----|----|------|-----|------|
|       |     | 1   | 99 | 4.46 | <13 | PASS |
|       |     | 50  | 0  | 5.17 | <13 | PASS |
|       |     | 50  | 25 | 5.19 | <13 | PASS |
|       |     | 50  | 50 | 5.09 | <13 | PASS |
|       |     | 100 | 0  | 5.28 | <13 | PASS |
|       | MCH | 1   | 0  | 4.25 | <13 | PASS |
|       |     | 1   | 49 | 4.2  | <13 | PASS |
|       |     | 1   | 99 | 4.6  | <13 | PASS |
|       |     | 50  | 0  | 4.92 | <13 | PASS |
|       |     | 50  | 25 | 4.89 | <13 | PASS |
|       |     | 50  | 50 | 5.05 | <13 | PASS |
|       |     | 100 | 0  | 5.19 | <13 | PASS |
|       | HCH | 1   | 0  | 4.64 | <13 | PASS |
|       |     | 1   | 49 | 3.87 | <13 | PASS |
|       |     | 1   | 99 | 4.48 | <13 | PASS |
|       |     | 50  | 0  | 4.85 | <13 | PASS |
|       |     | 50  | 25 | 4.84 | <13 | PASS |
|       |     | 50  | 50 | 4.76 | <13 | PASS |
|       |     | 100 | 0  | 5.08 | <13 | PASS |
| 16QAM | LCH | 1   | 0  | 5    | <13 | PASS |
|       |     | 1   | 49 | 5.11 | <13 | PASS |
|       |     | 1   | 99 | 5.09 | <13 | PASS |
|       |     | 50  | 0  | 5.95 | <13 | PASS |
|       |     | 50  | 25 | 5.95 | <13 | PASS |
|       |     | 50  | 50 | 5.85 | <13 | PASS |
|       |     | 100 | 0  | 6    | <13 | PASS |
|       | MCH | 1   | 0  | 4.95 | <13 | PASS |
|       |     | 1   | 49 | 4.73 | <13 | PASS |
|       |     | 1   | 99 | 5.17 | <13 | PASS |
|       |     | 50  | 0  | 5.69 | <13 | PASS |
|       |     | 50  | 25 | 5.69 | <13 | PASS |
|       |     | 50  | 50 | 5.85 | <13 | PASS |
|       |     | 100 | 0  | 5.93 | <13 | PASS |
|       | HCH | 1   | 0  | 5.7  | <13 | PASS |
|       |     | 1   | 49 | 4.9  | <13 | PASS |
|       |     | 1   | 99 | 5.43 | <13 | PASS |
|       |     | 50  | 0  | 5.69 | <13 | PASS |
|       |     | 50  | 25 | 5.63 | <13 | PASS |
|       |     | 50  | 50 | 5.6  | <13 | PASS |
|       |     | 100 | 0  | 5.77 | <13 | PASS |

## Test Graphs

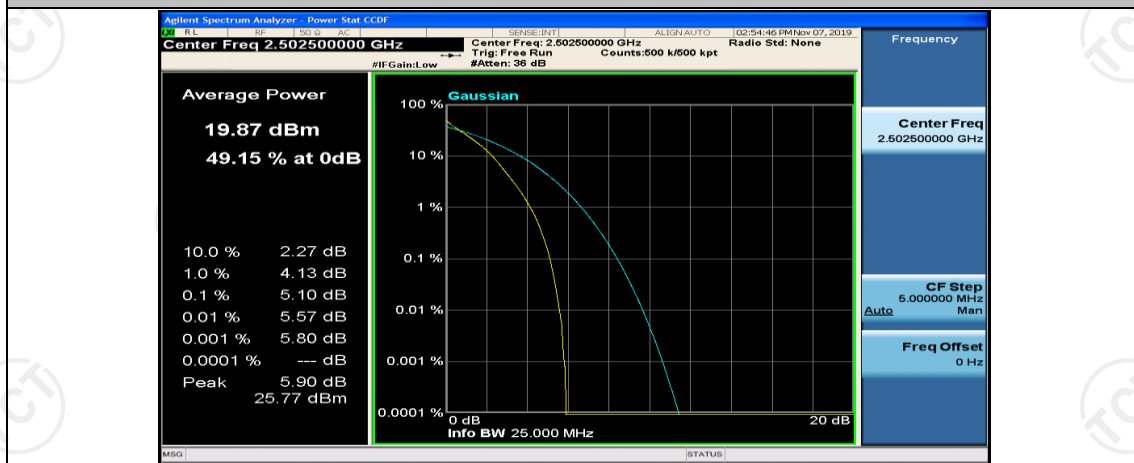
### Channel Bandwidth: 5 MHz



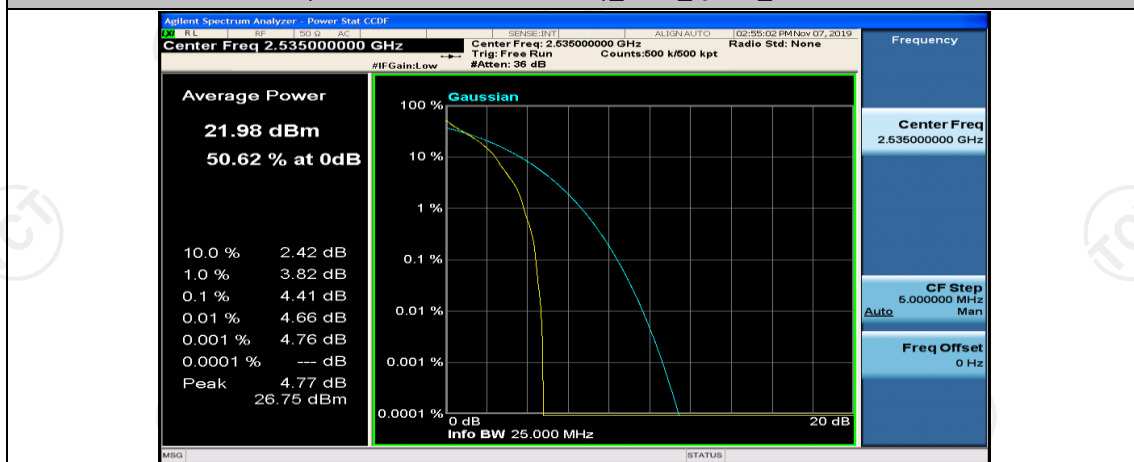




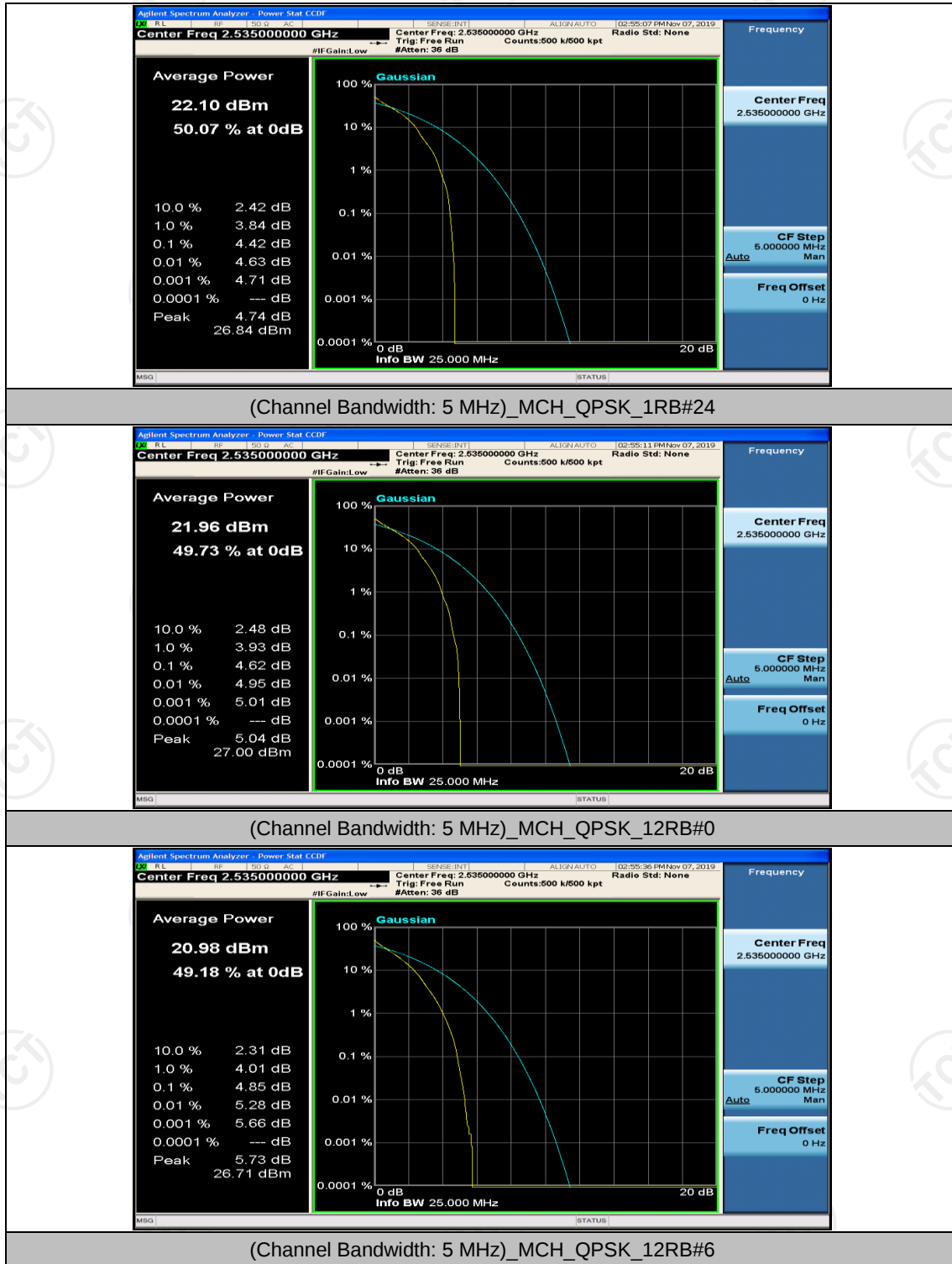
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0

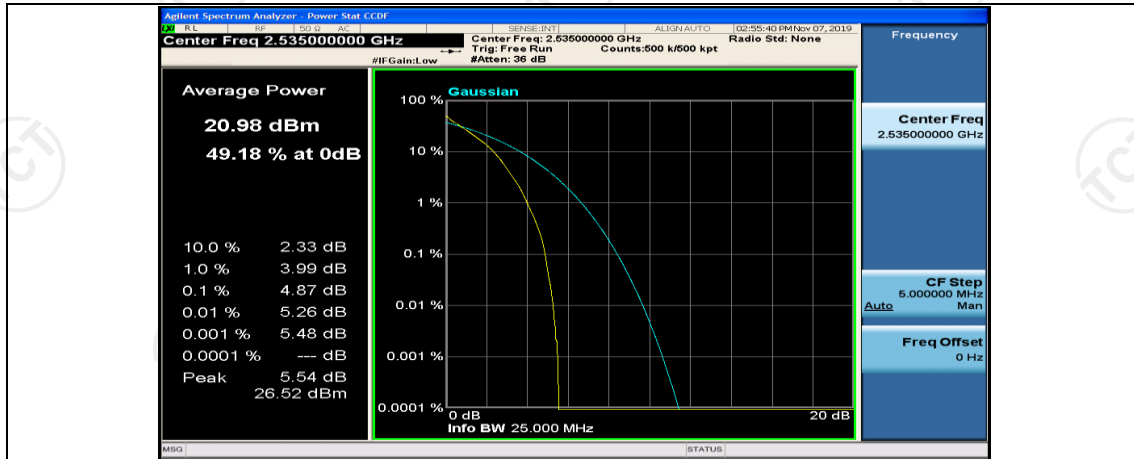


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0

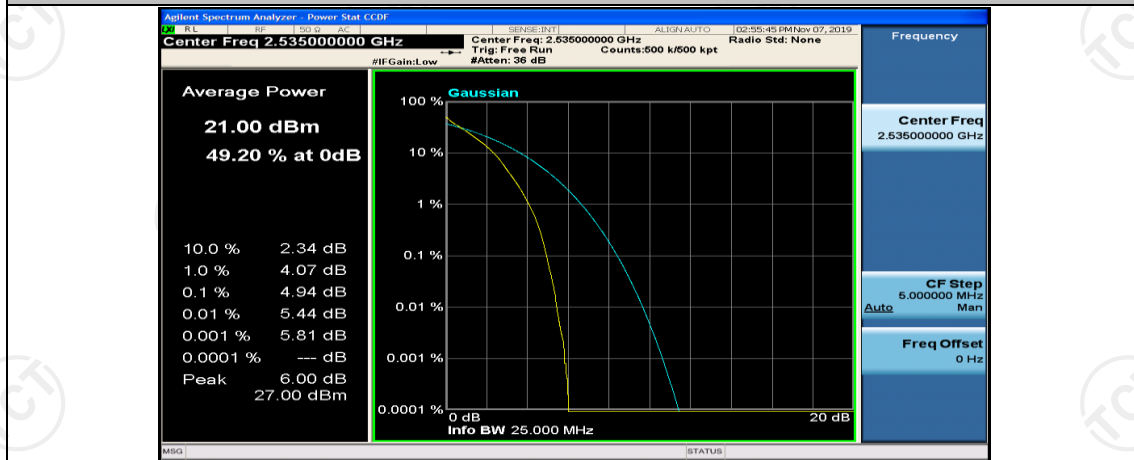


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12

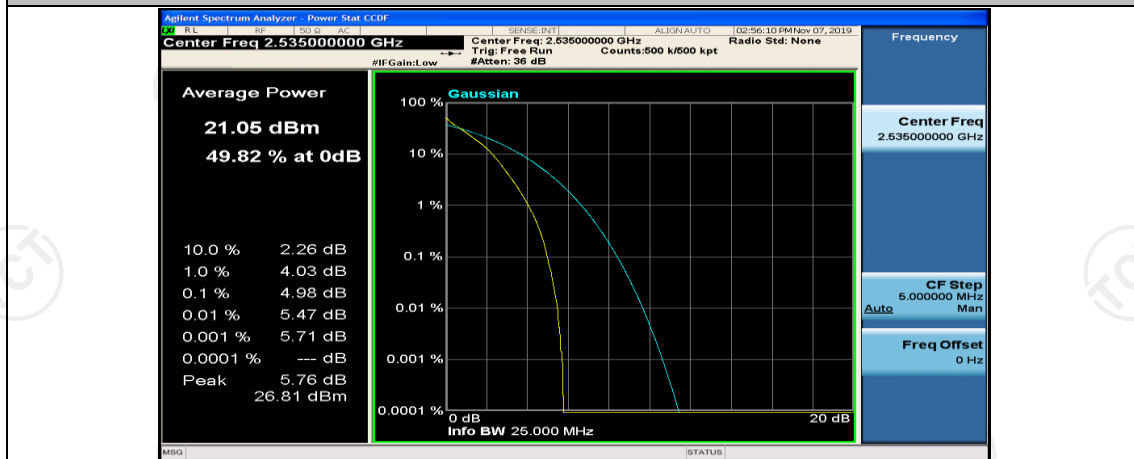




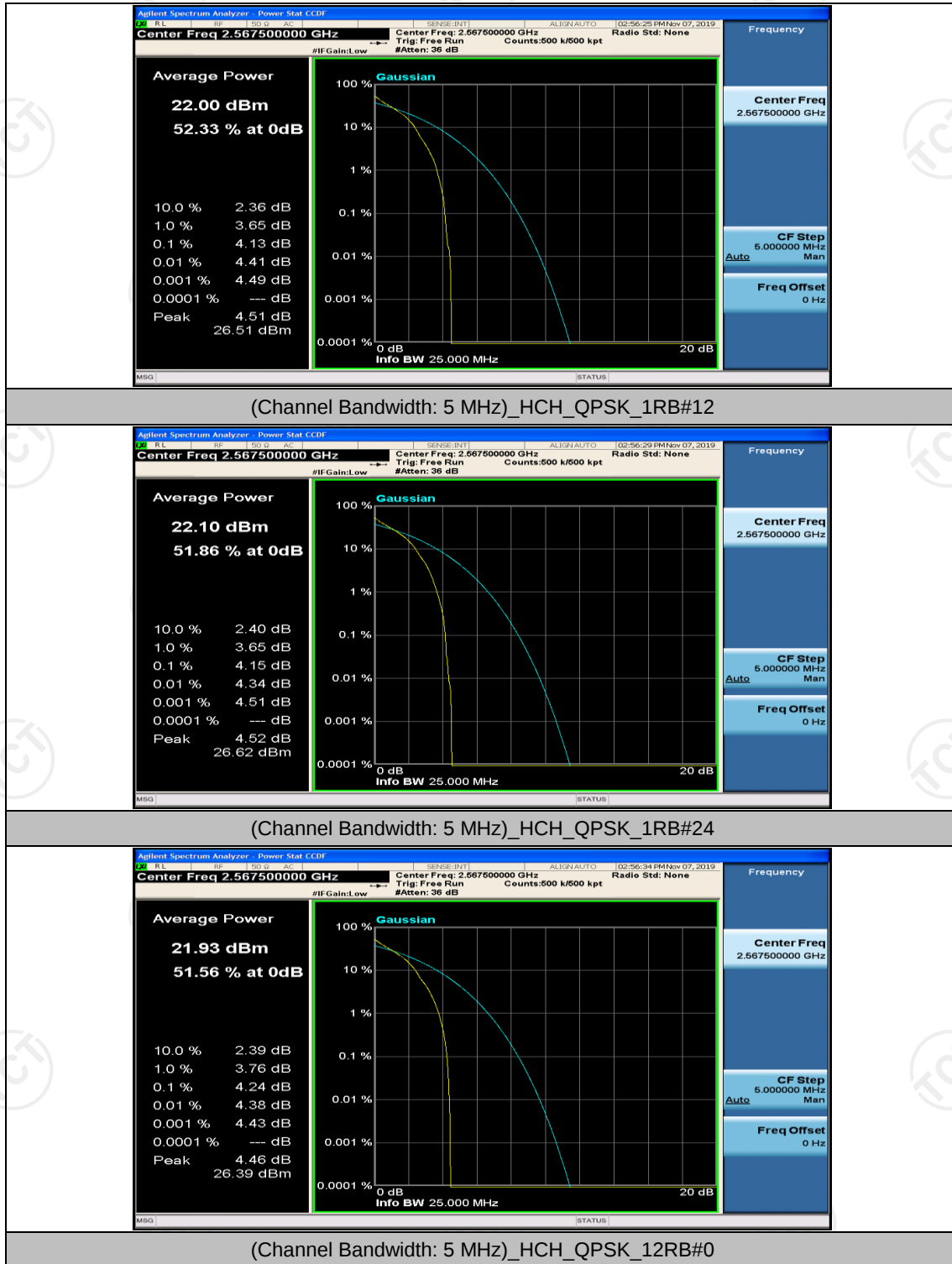
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13

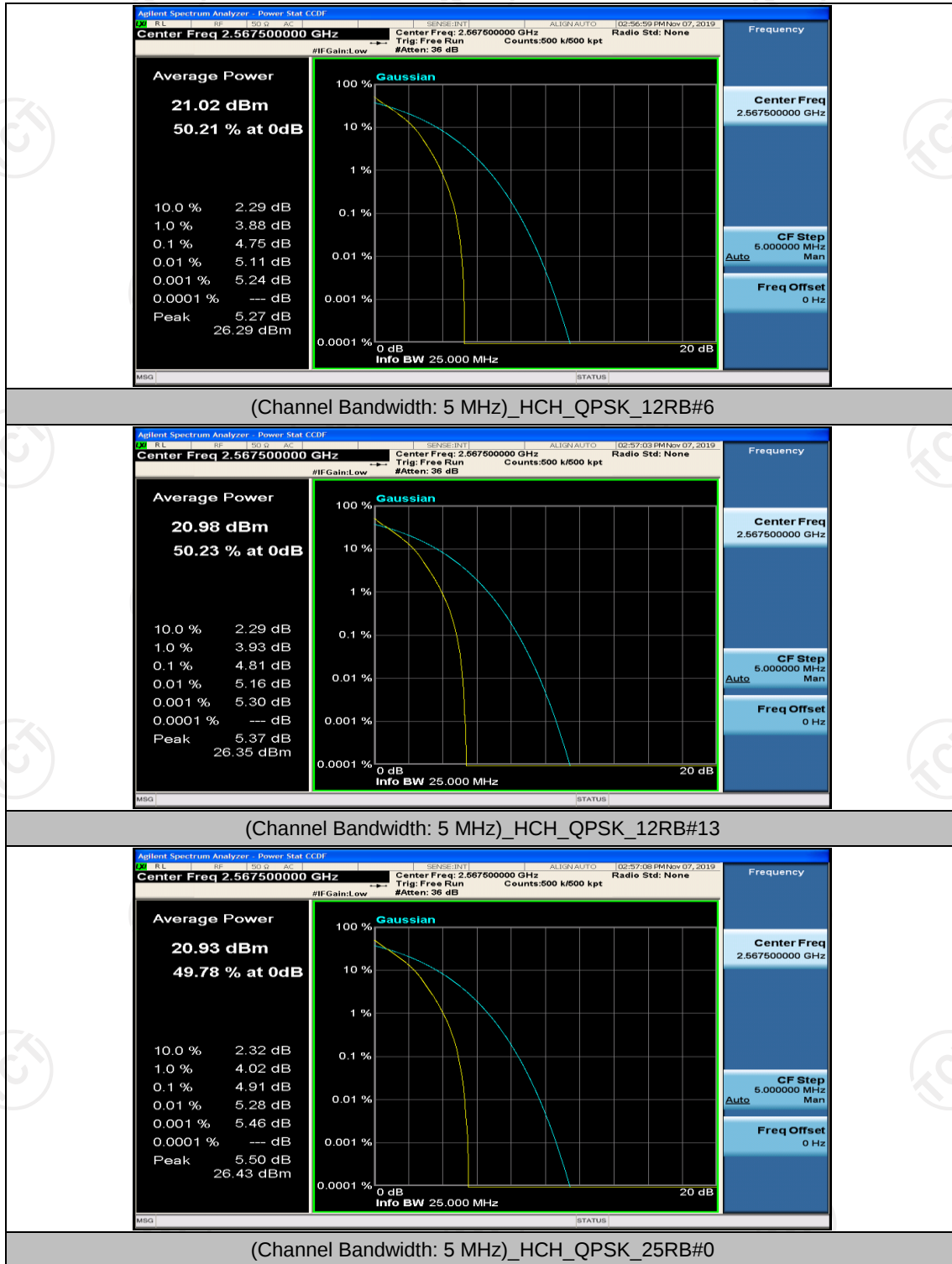


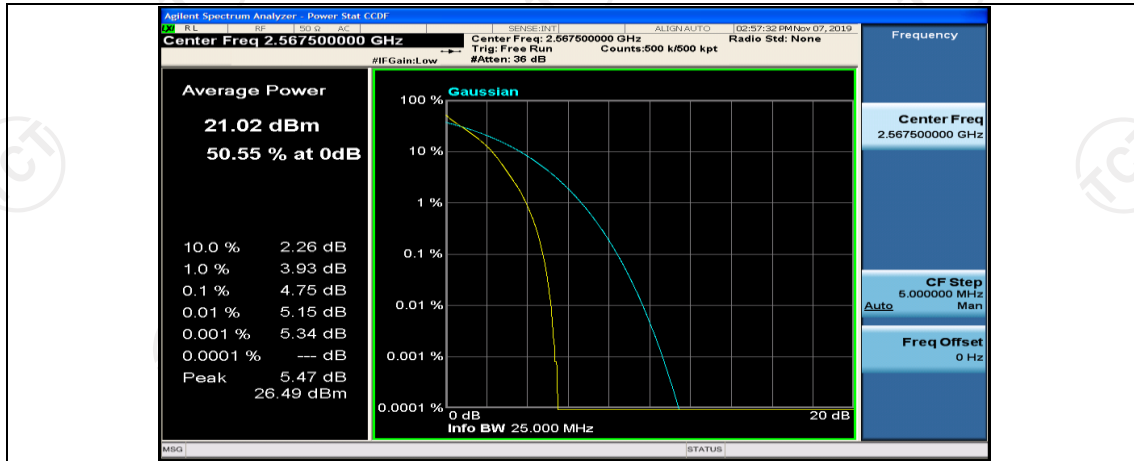
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



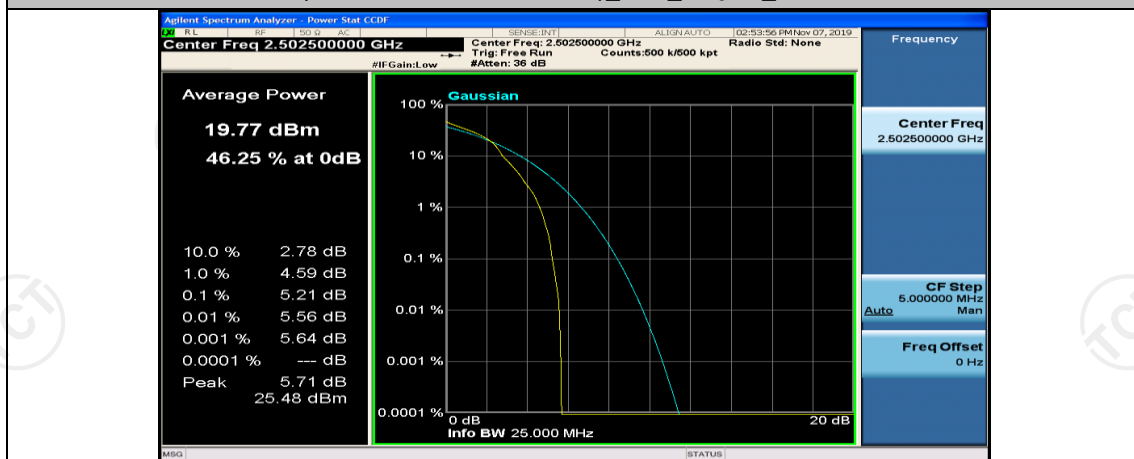
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



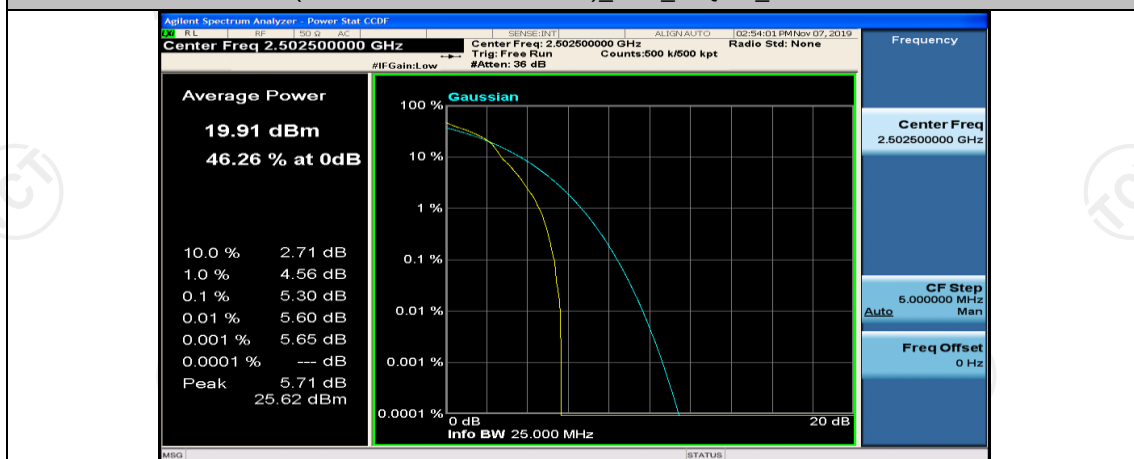




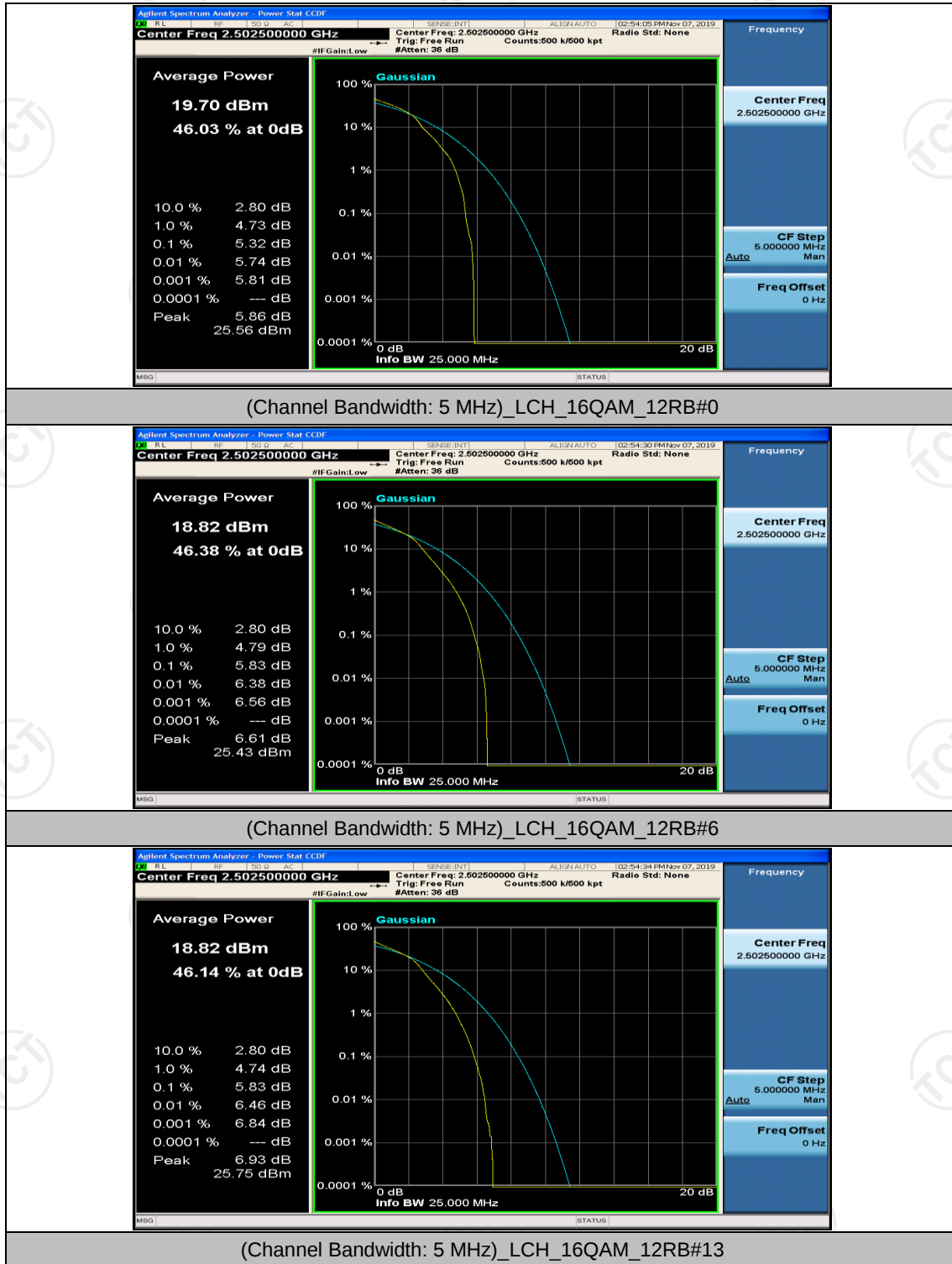
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0

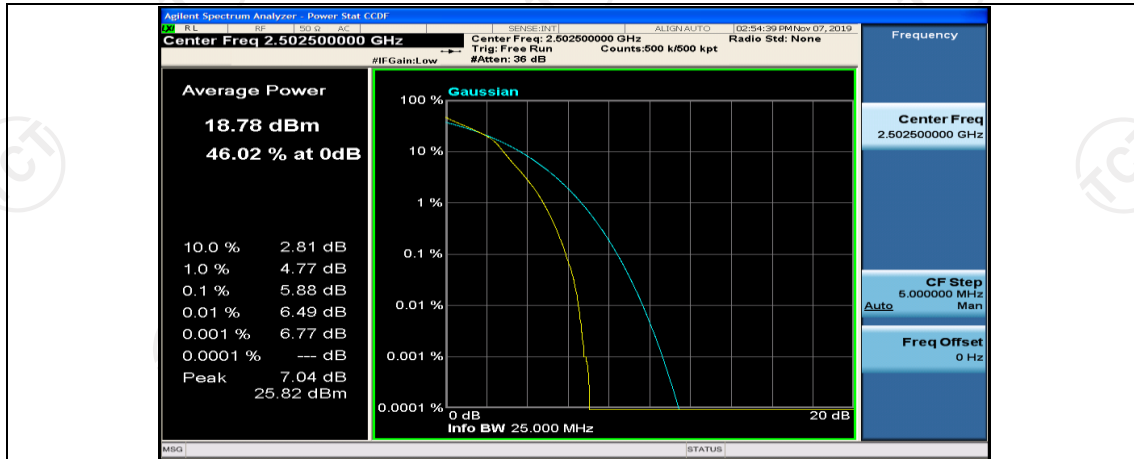


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

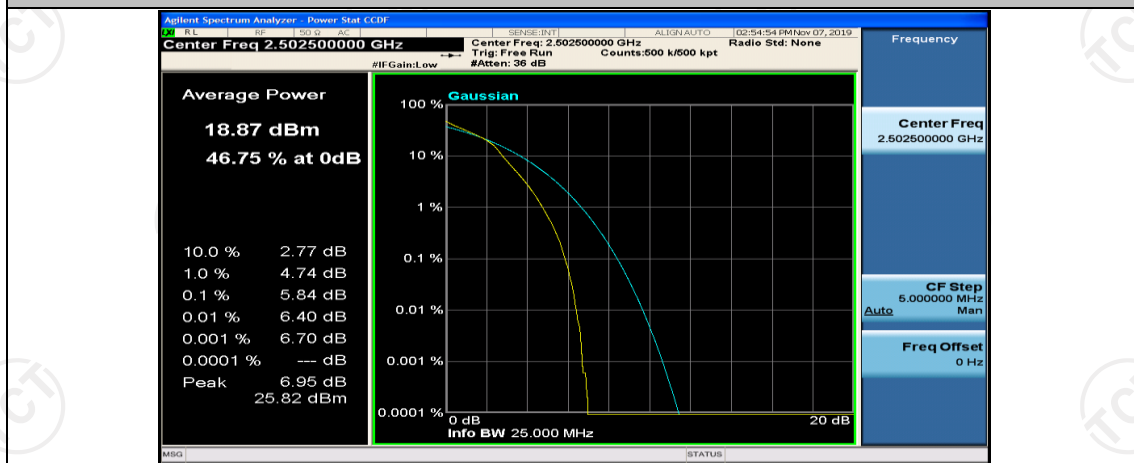


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24

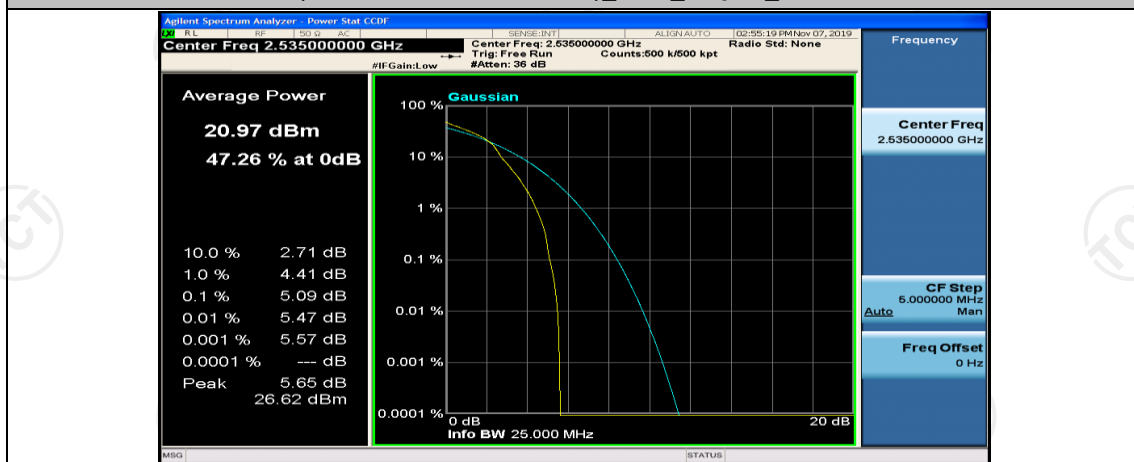




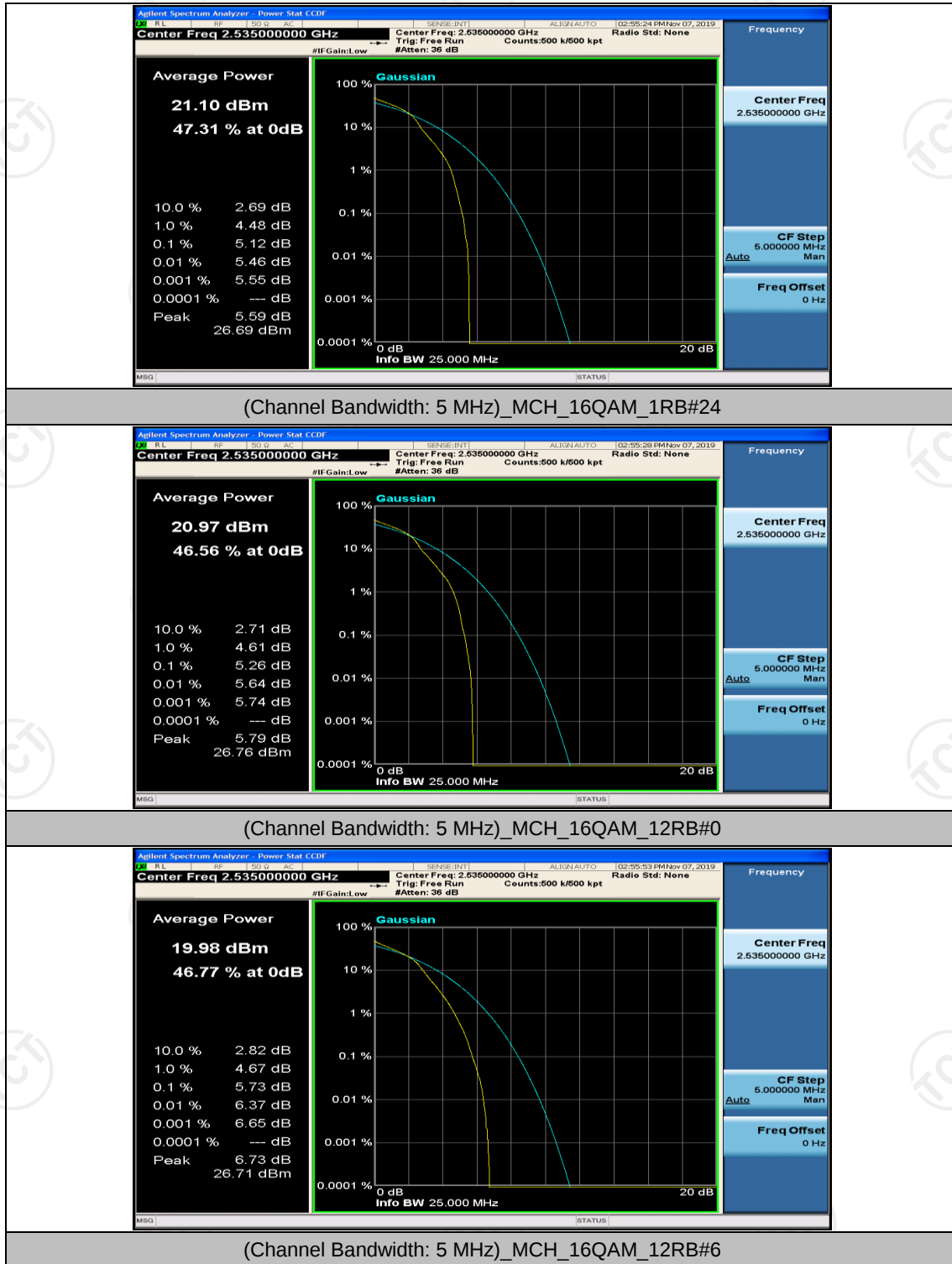
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0

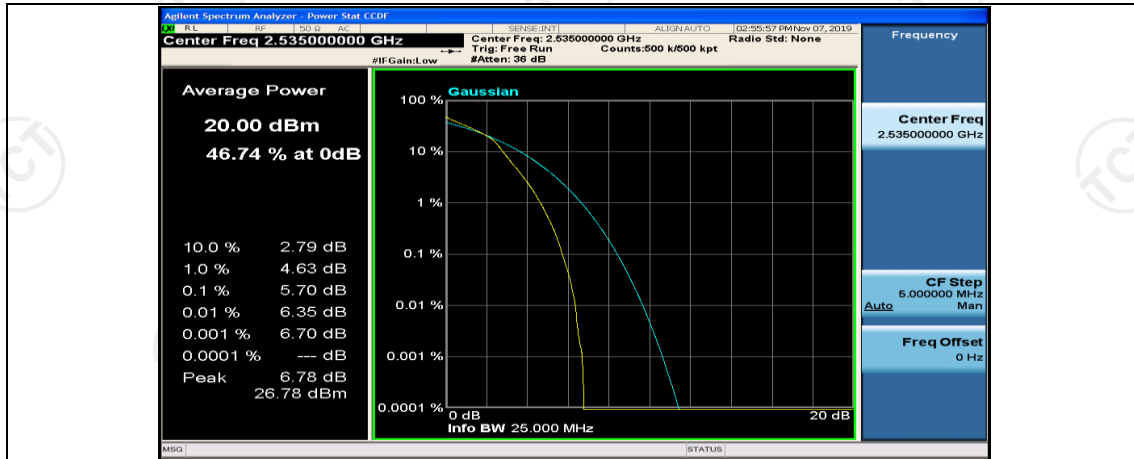


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0

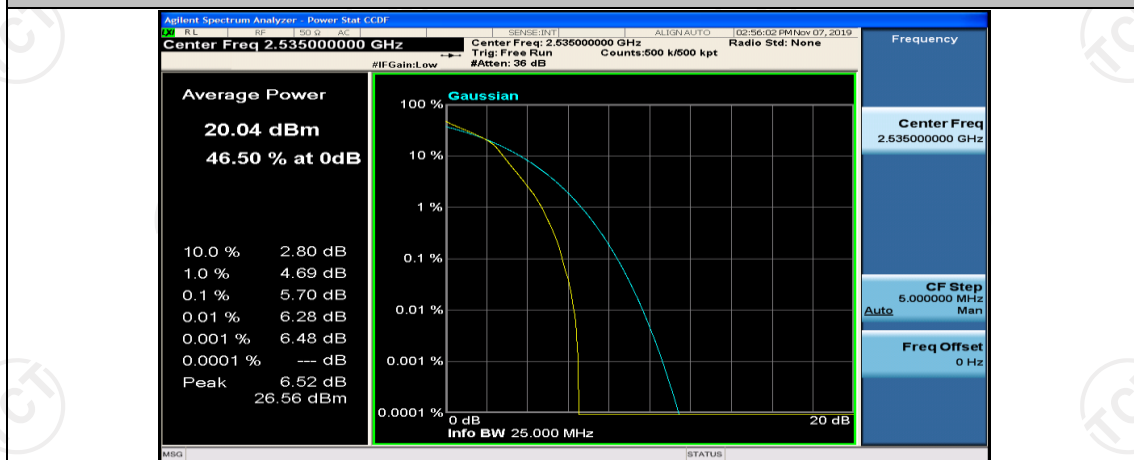


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12

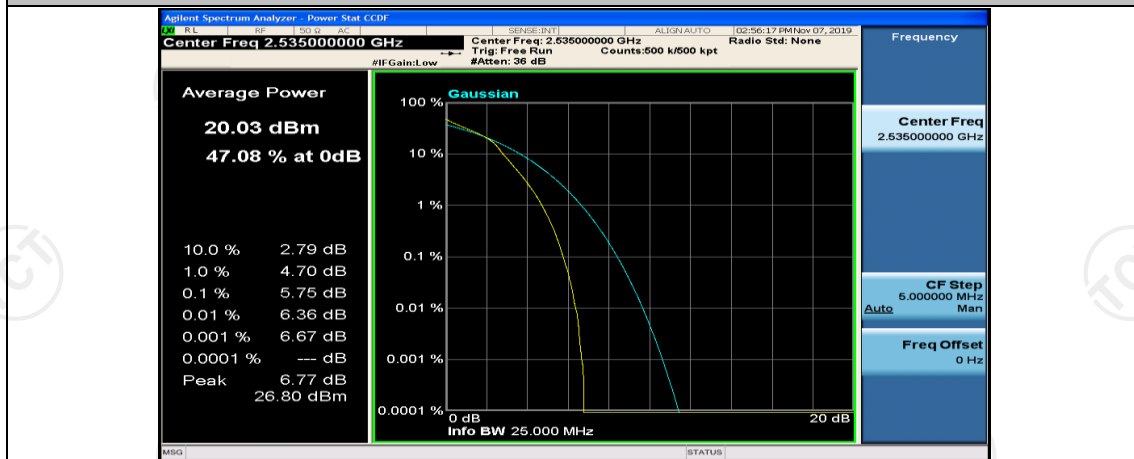




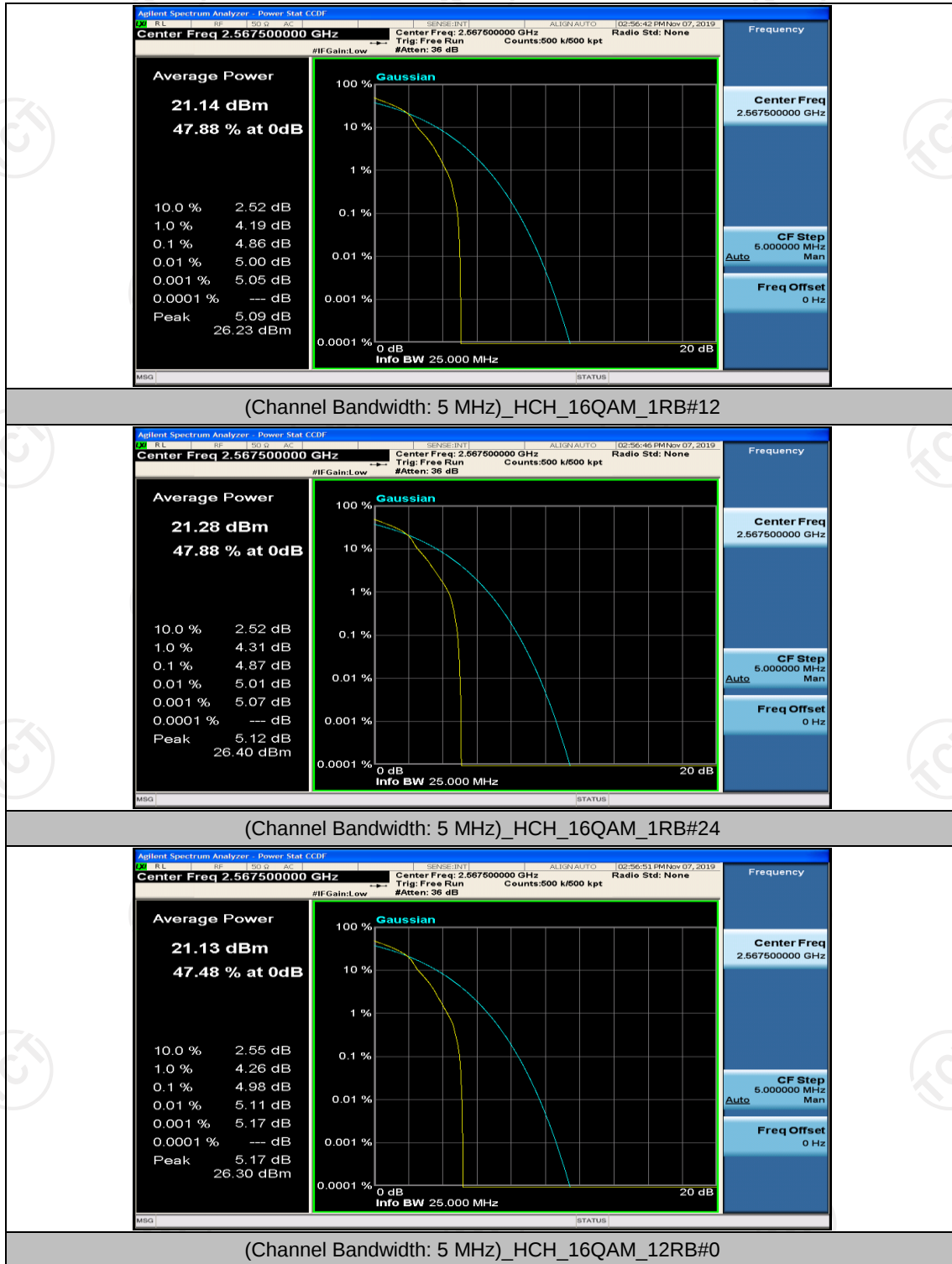
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13

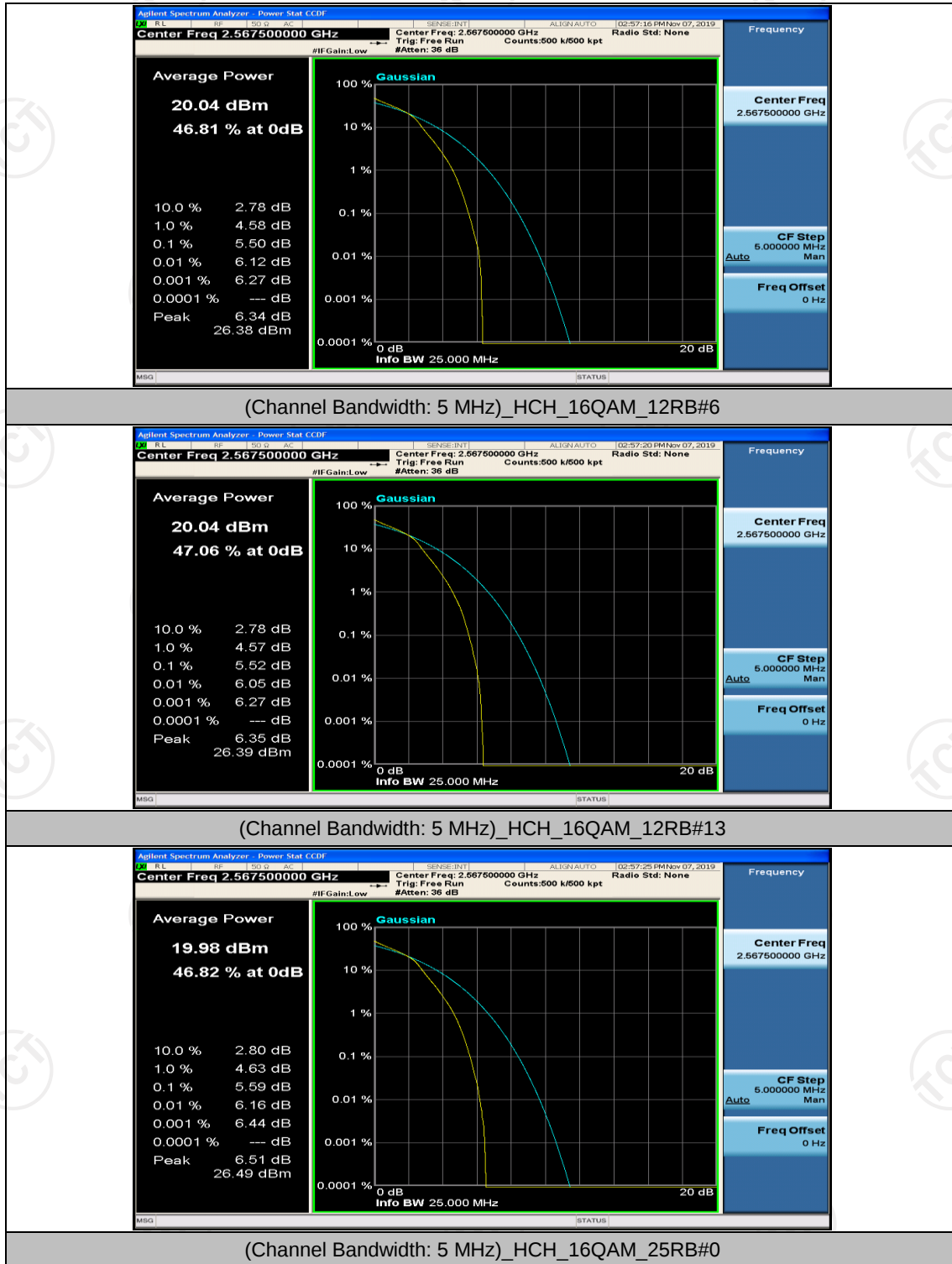


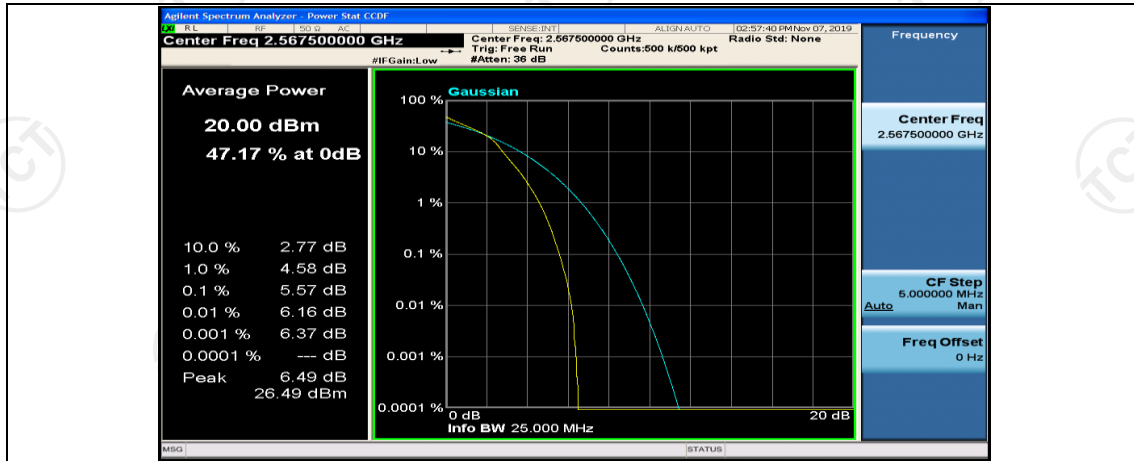
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



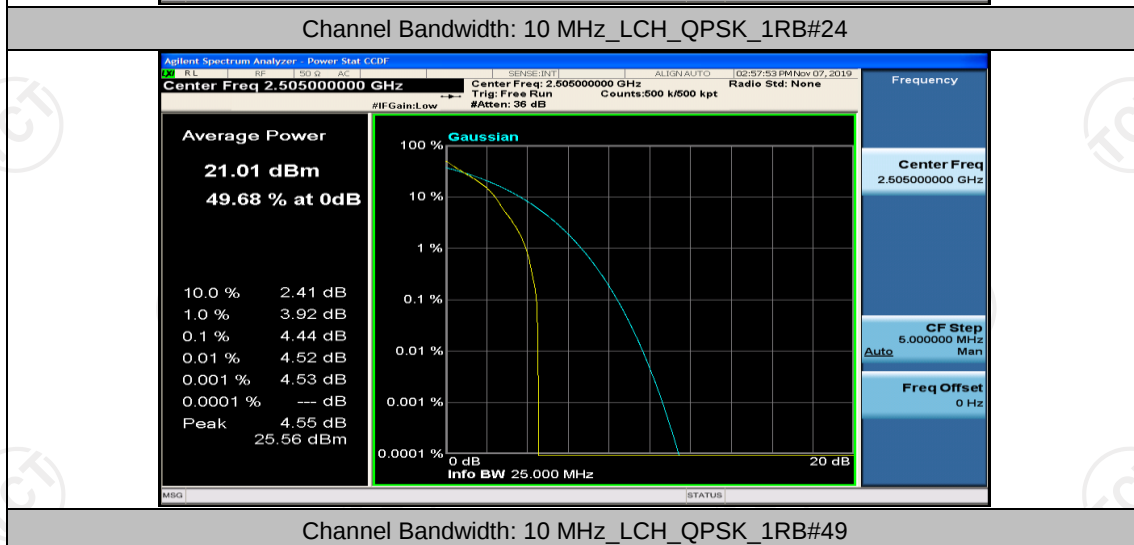
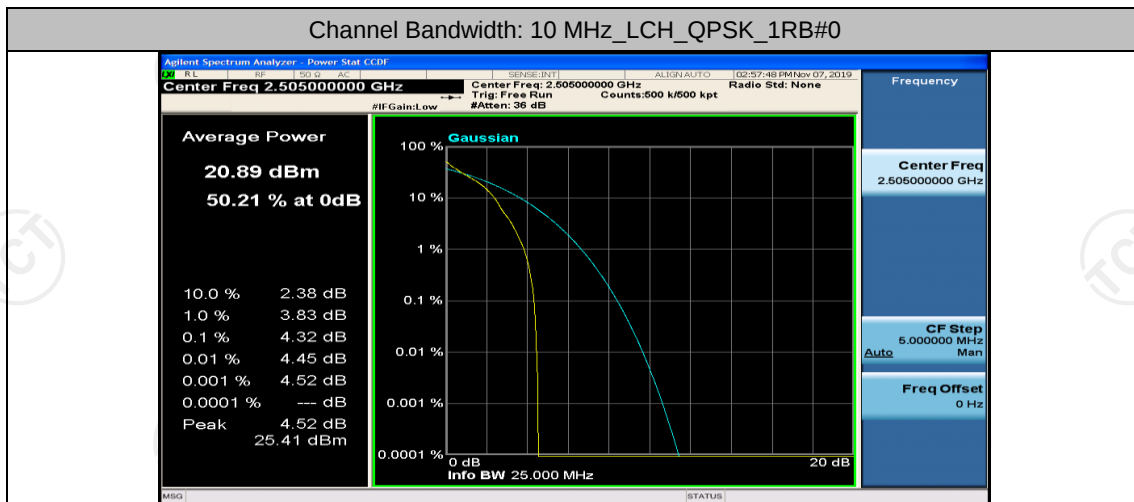
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0

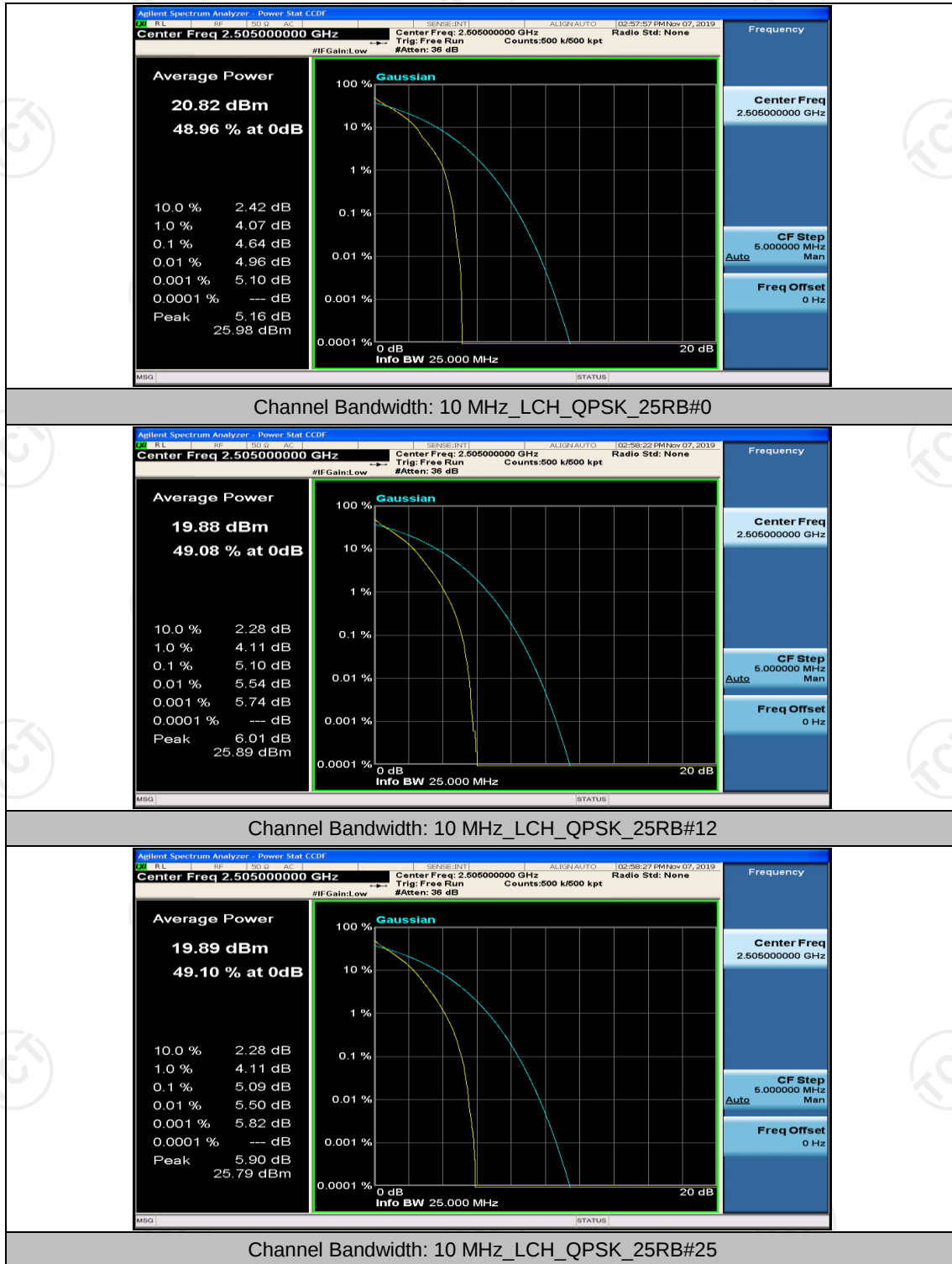


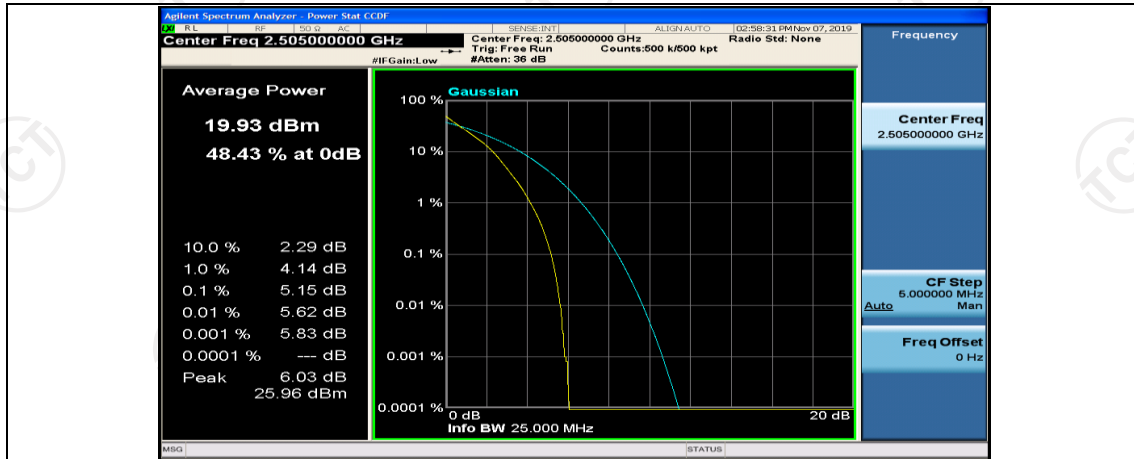




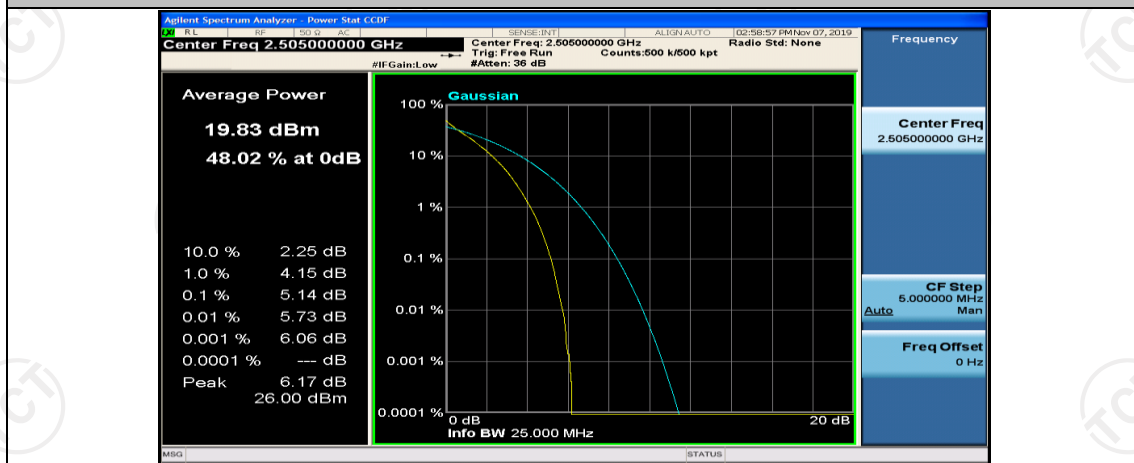
Channel Bandwidth: 10 MHz



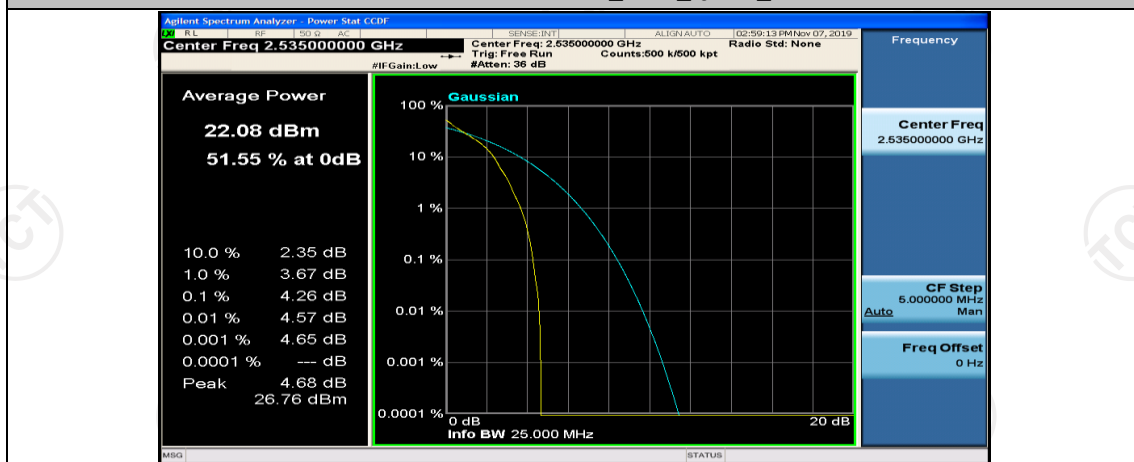




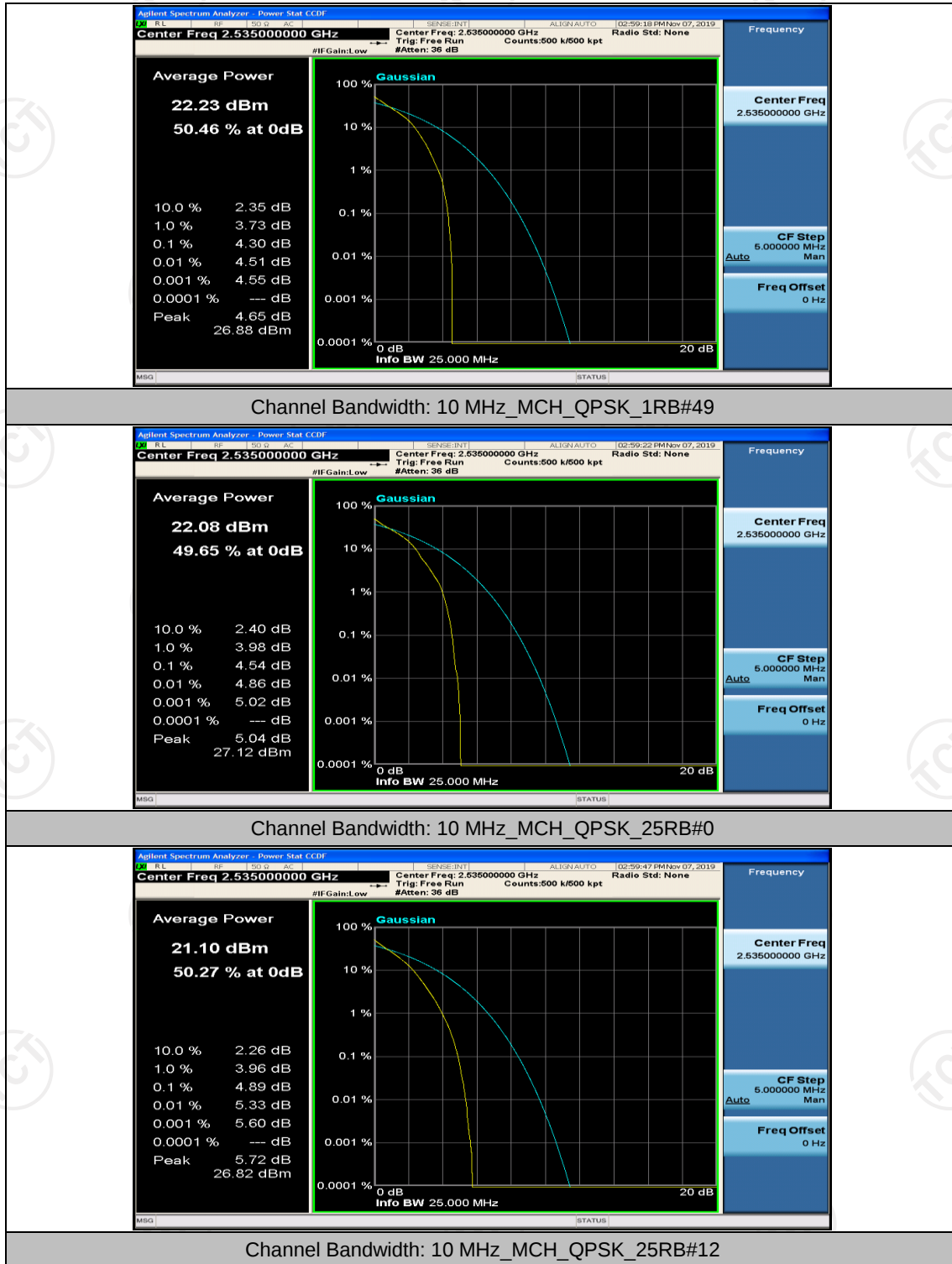
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0

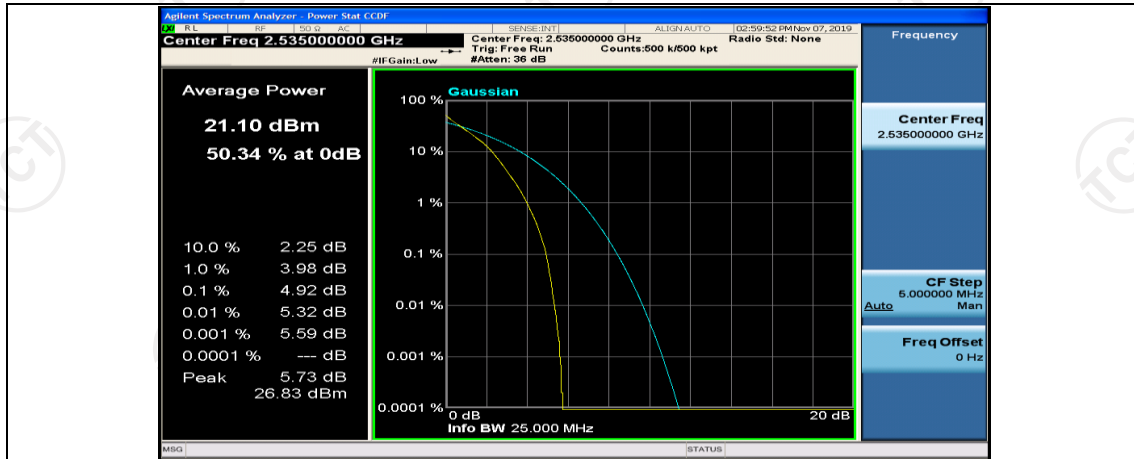


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

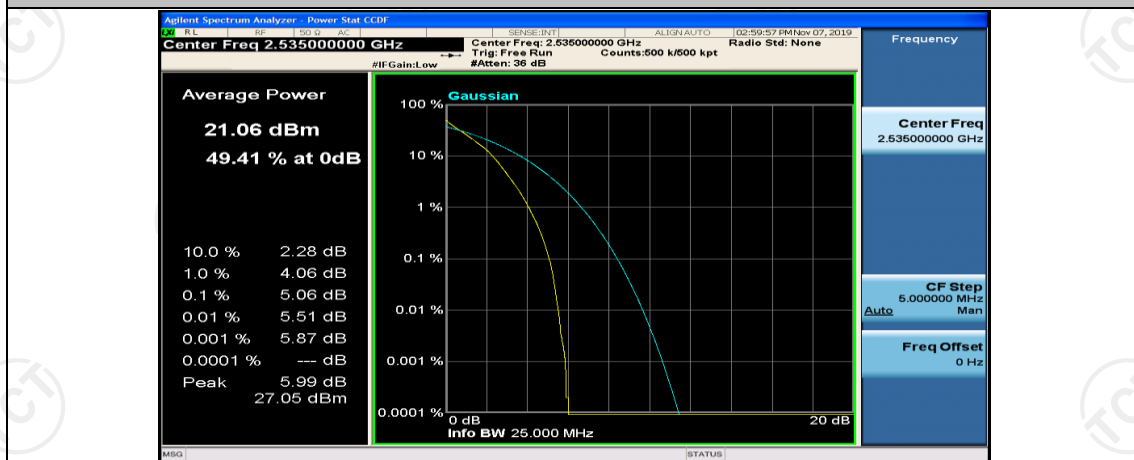


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

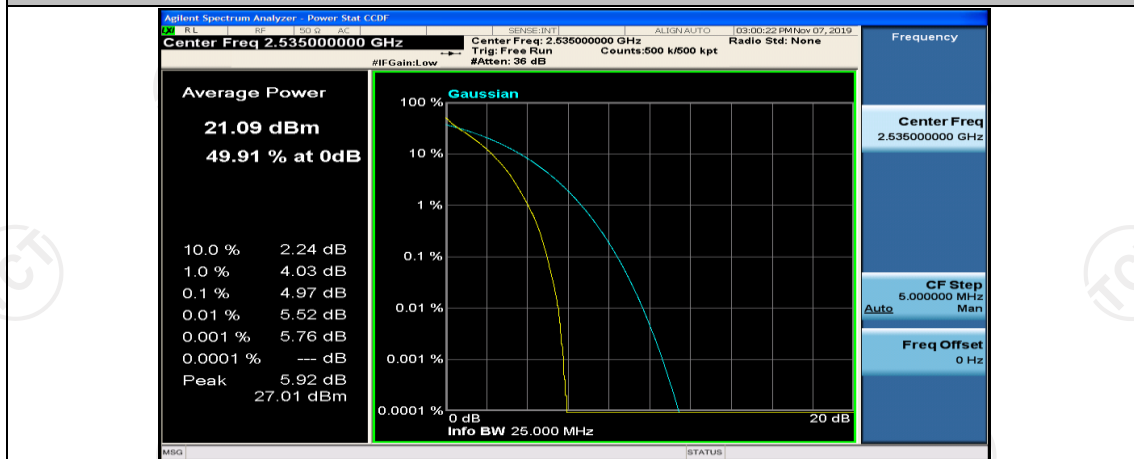




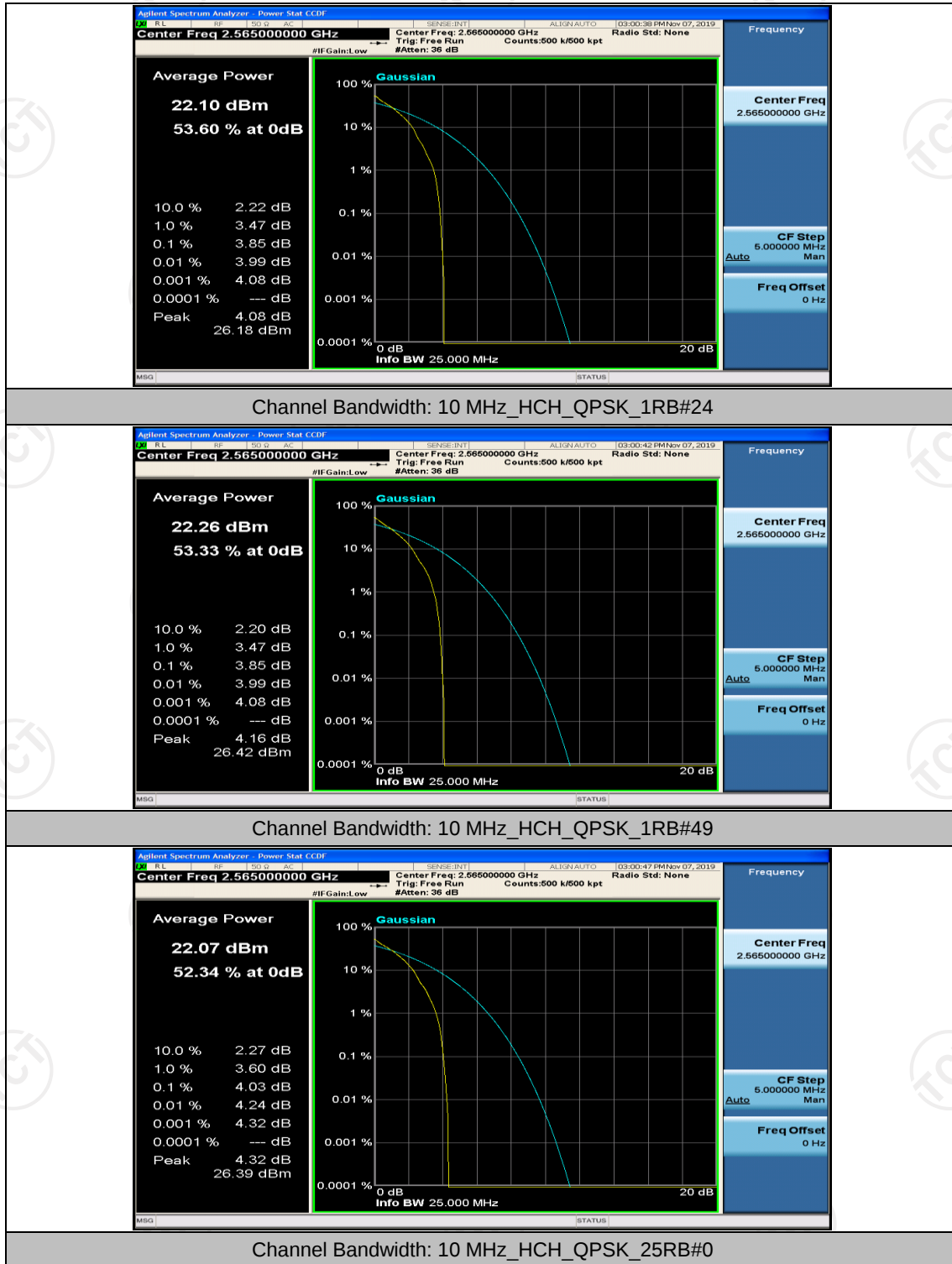
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#25

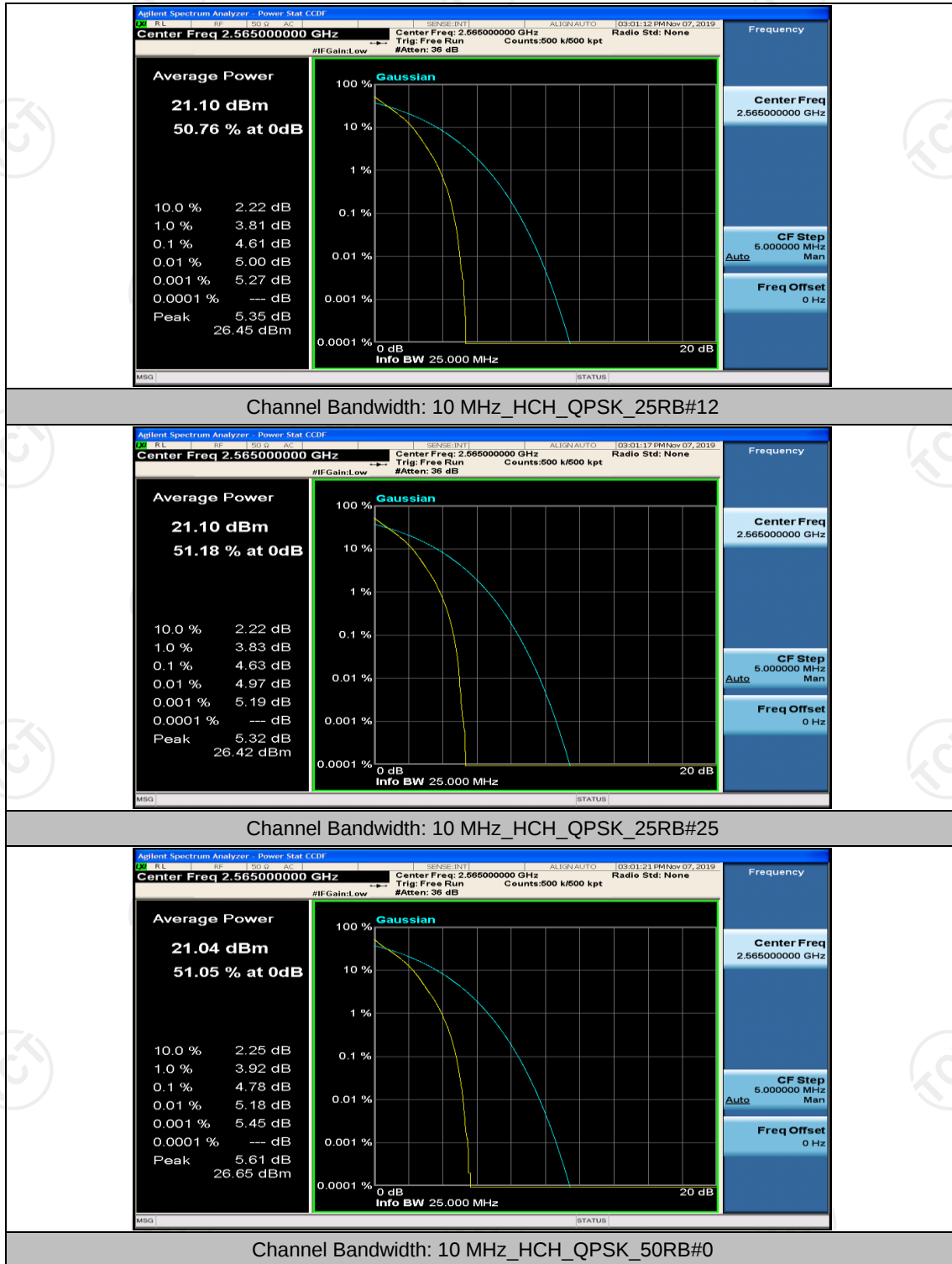


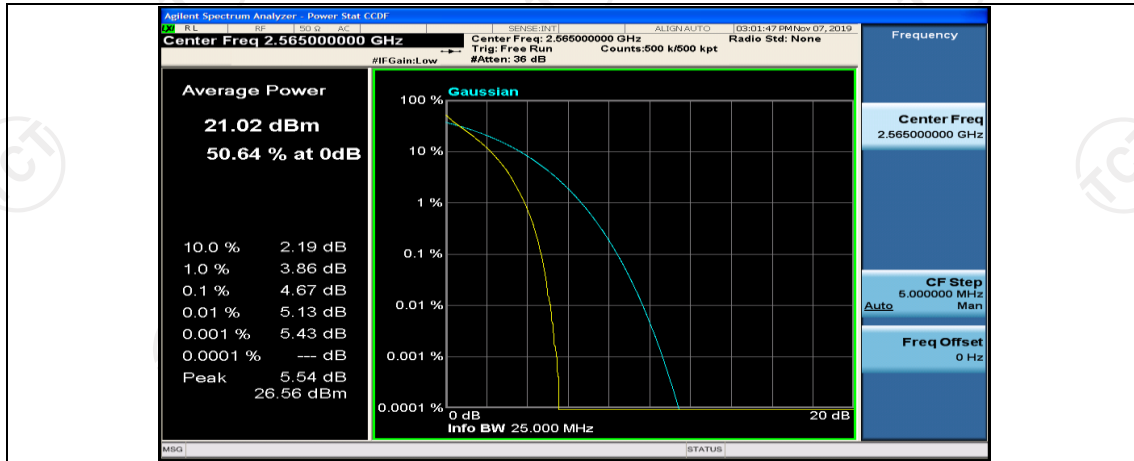
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



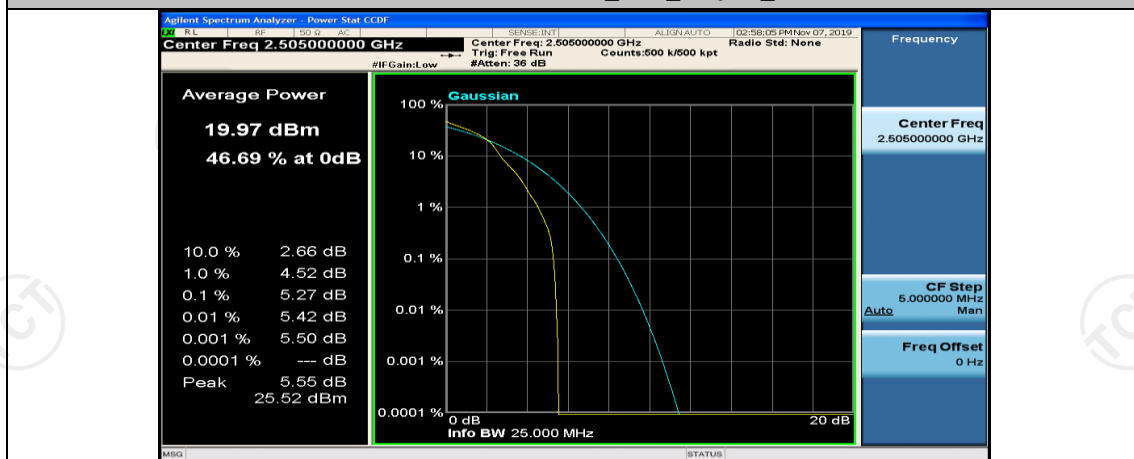
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



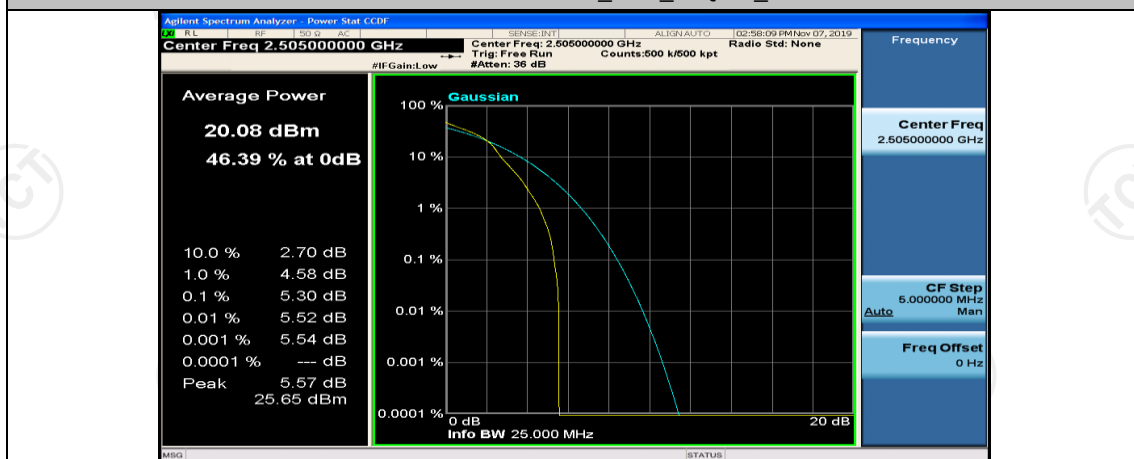




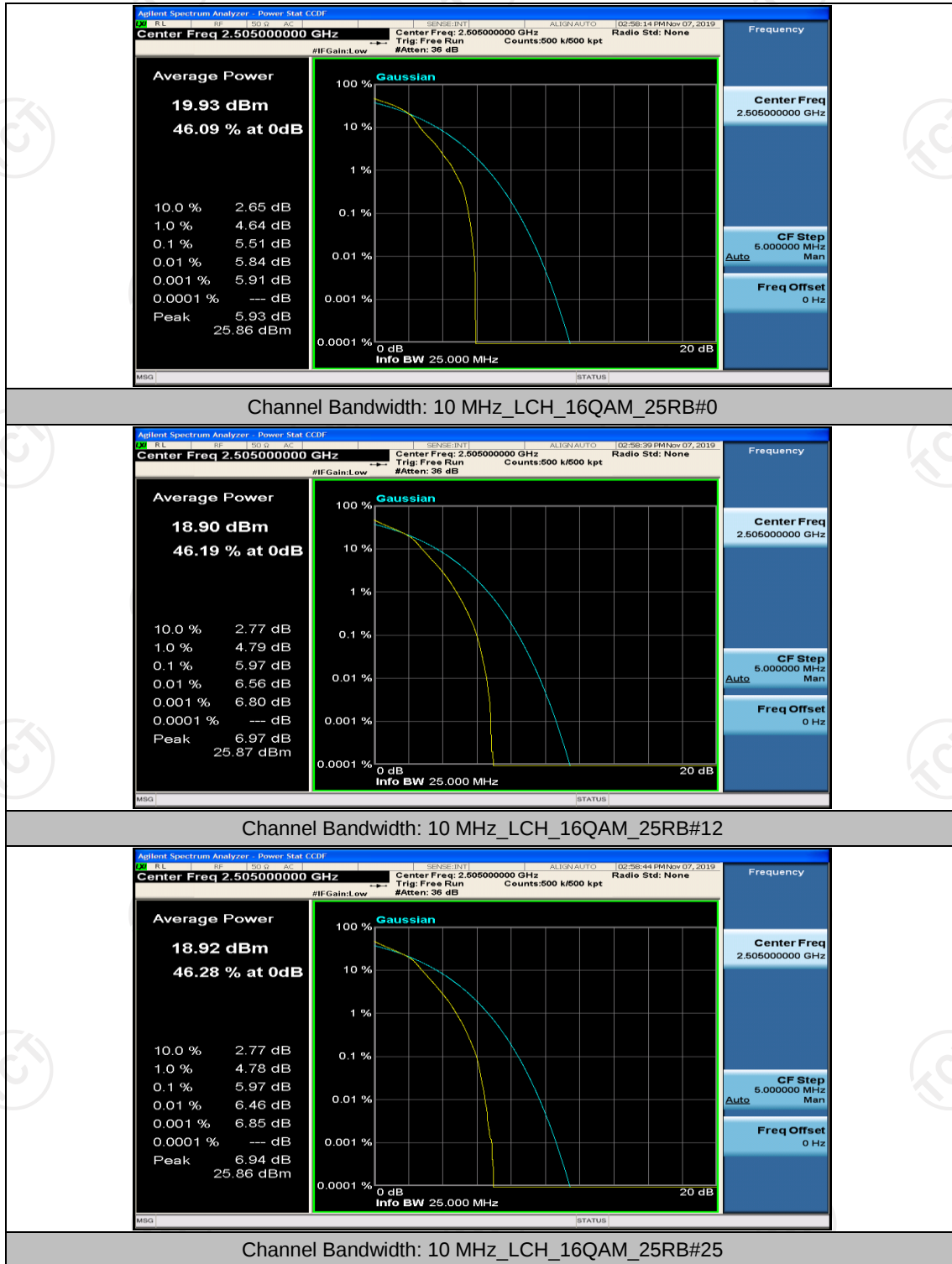
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0

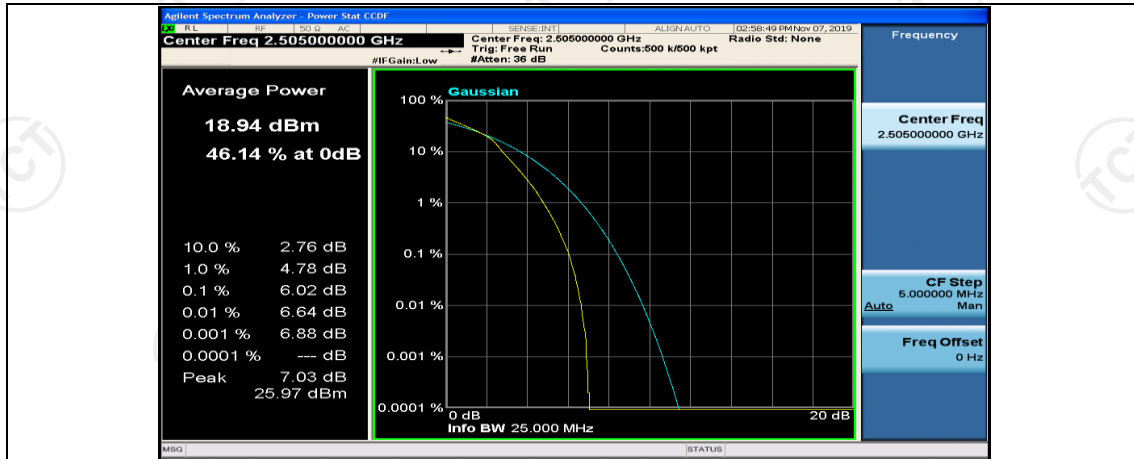


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24

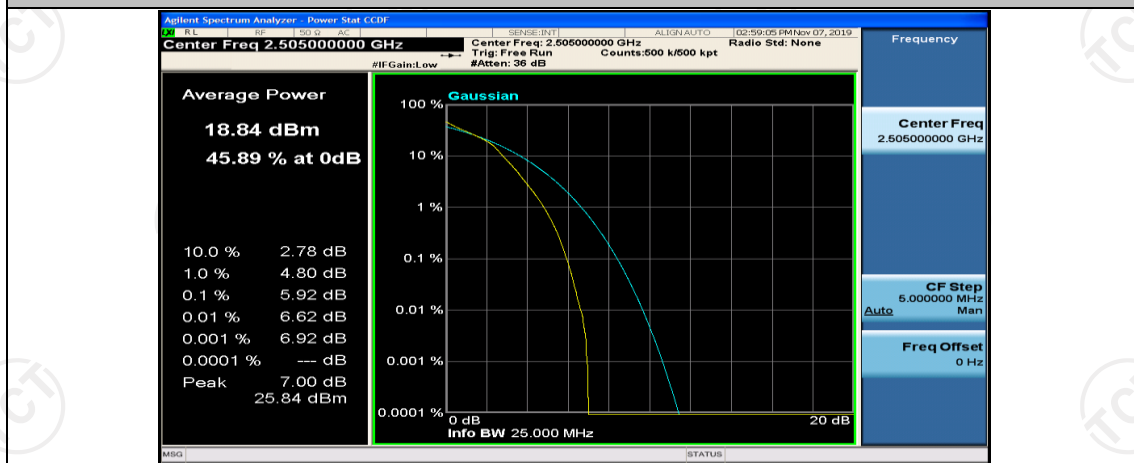


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49

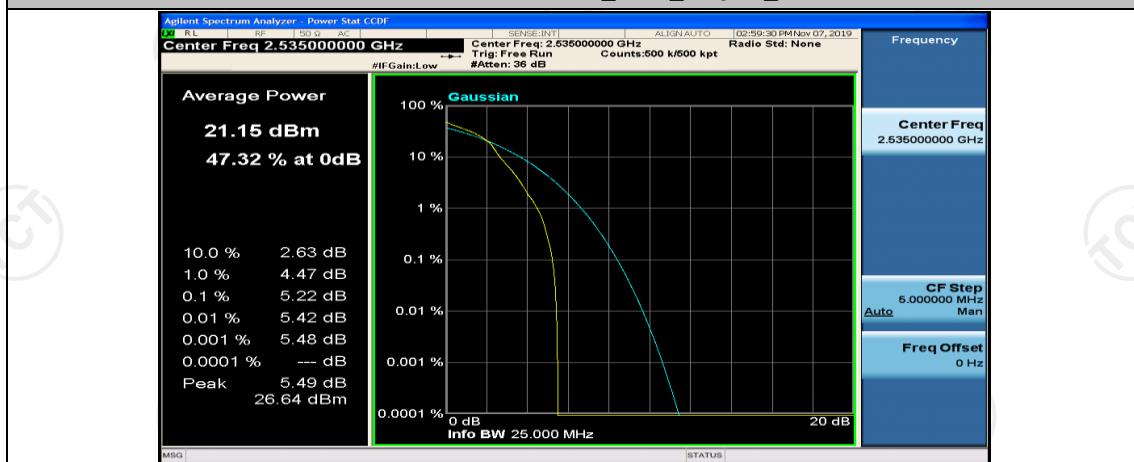




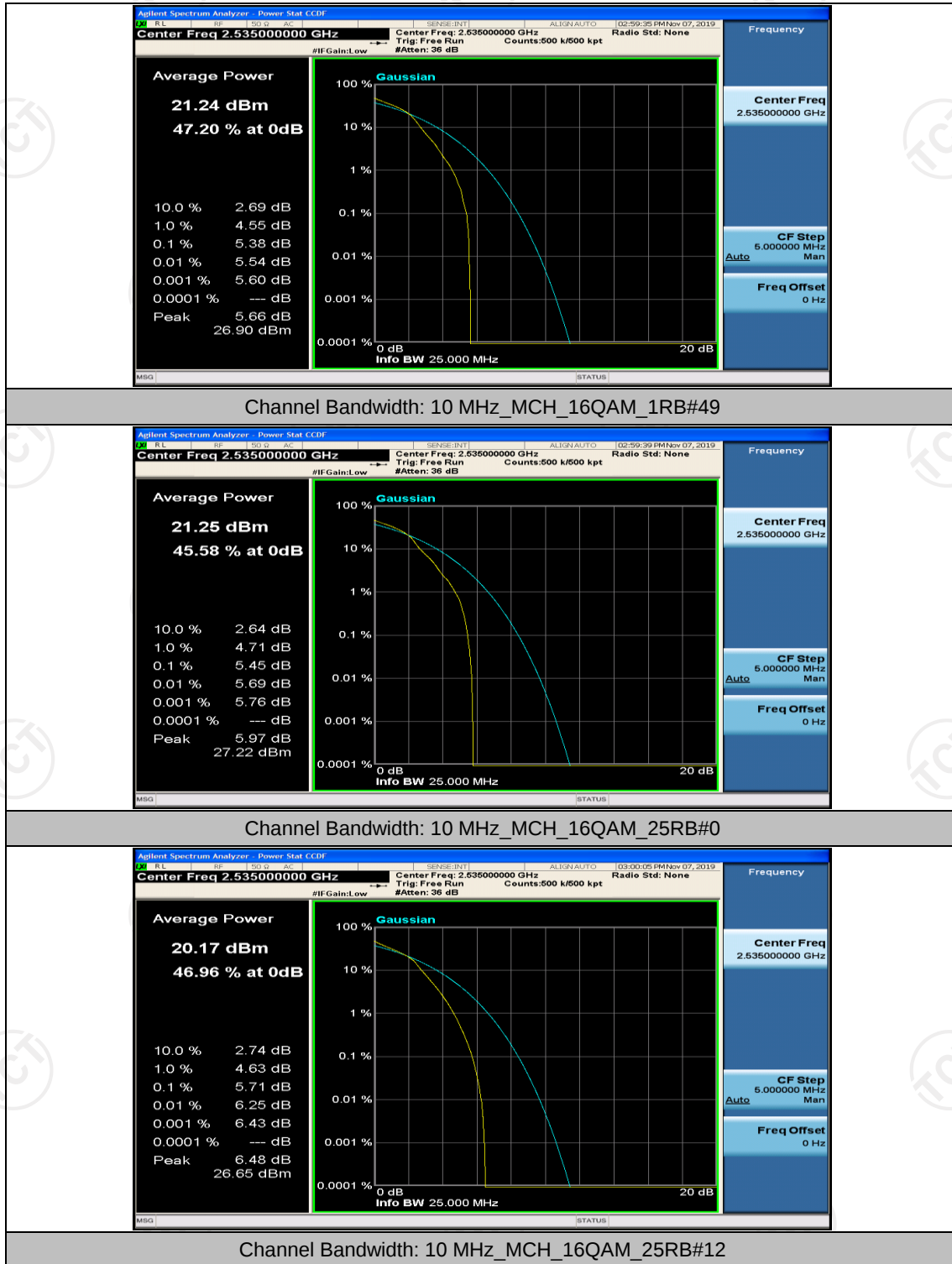
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0

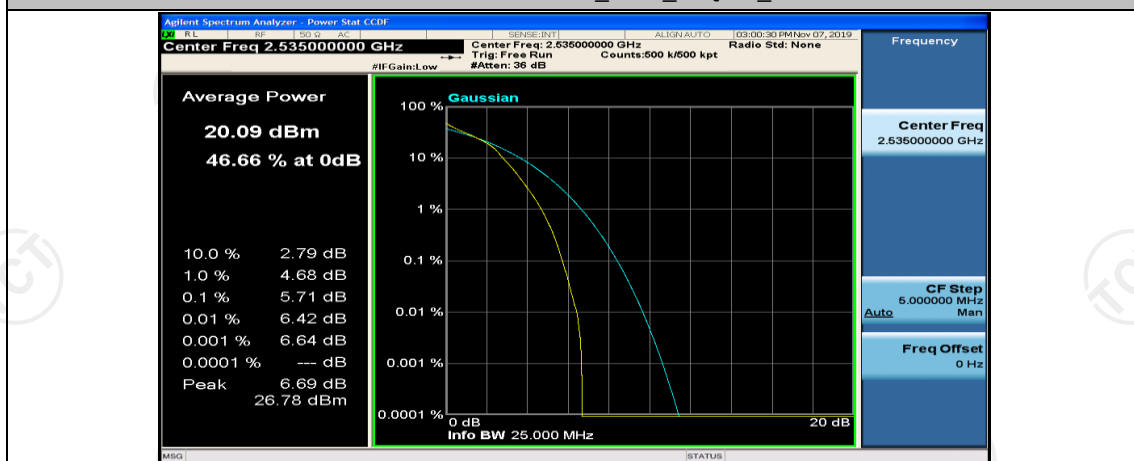
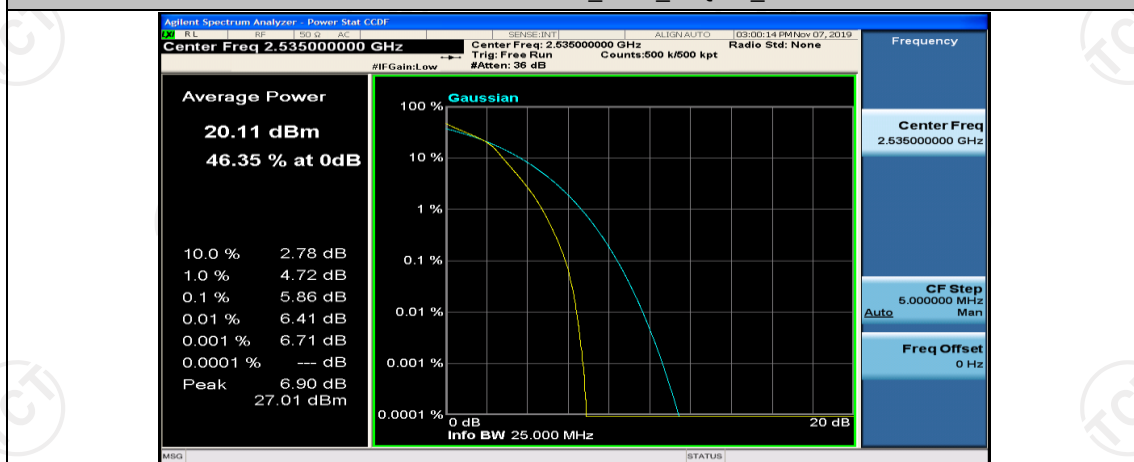
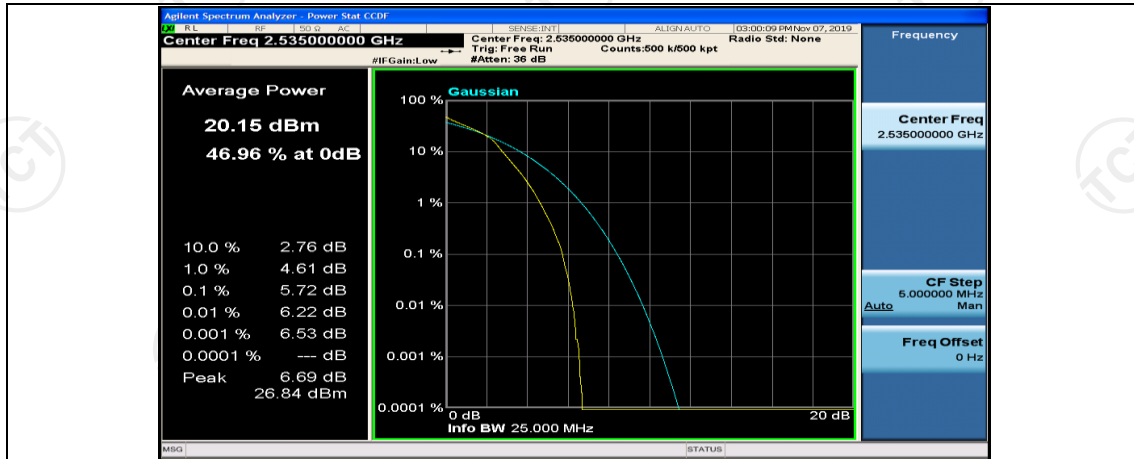


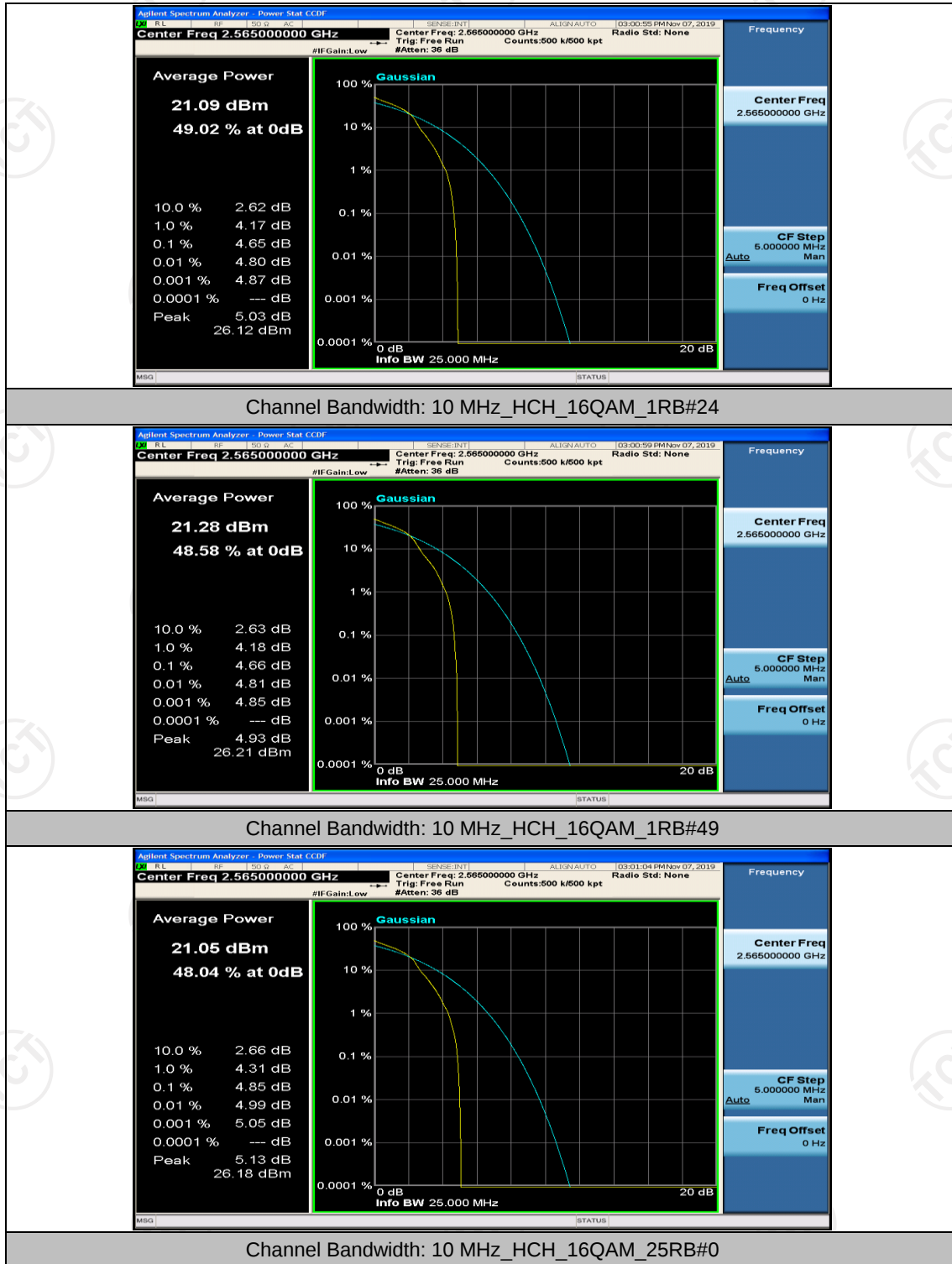
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0

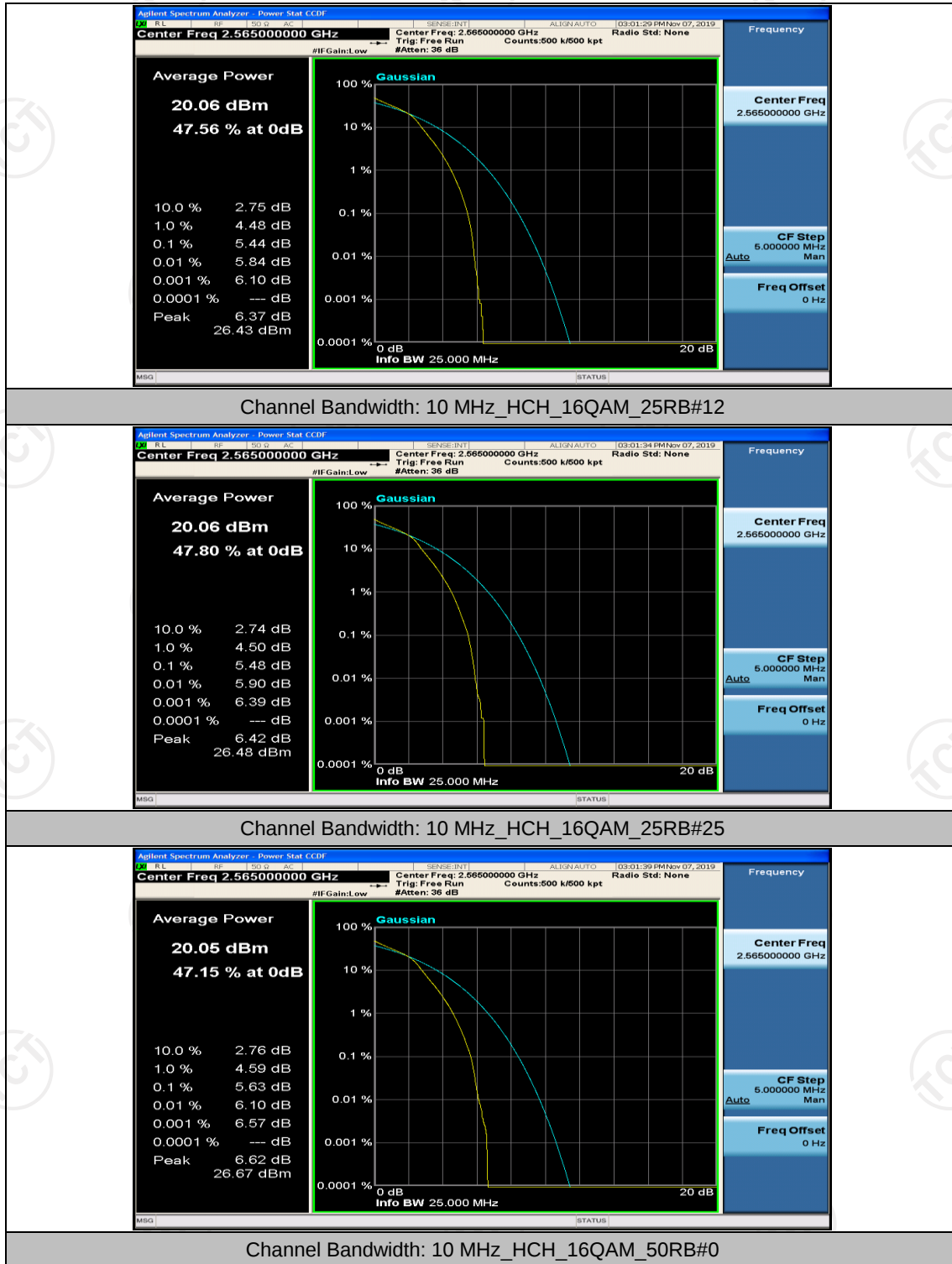


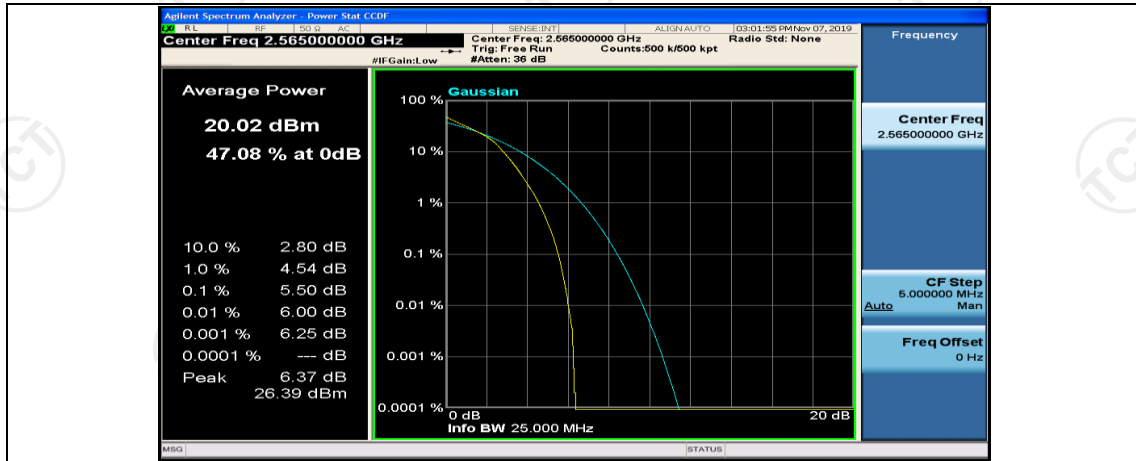
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



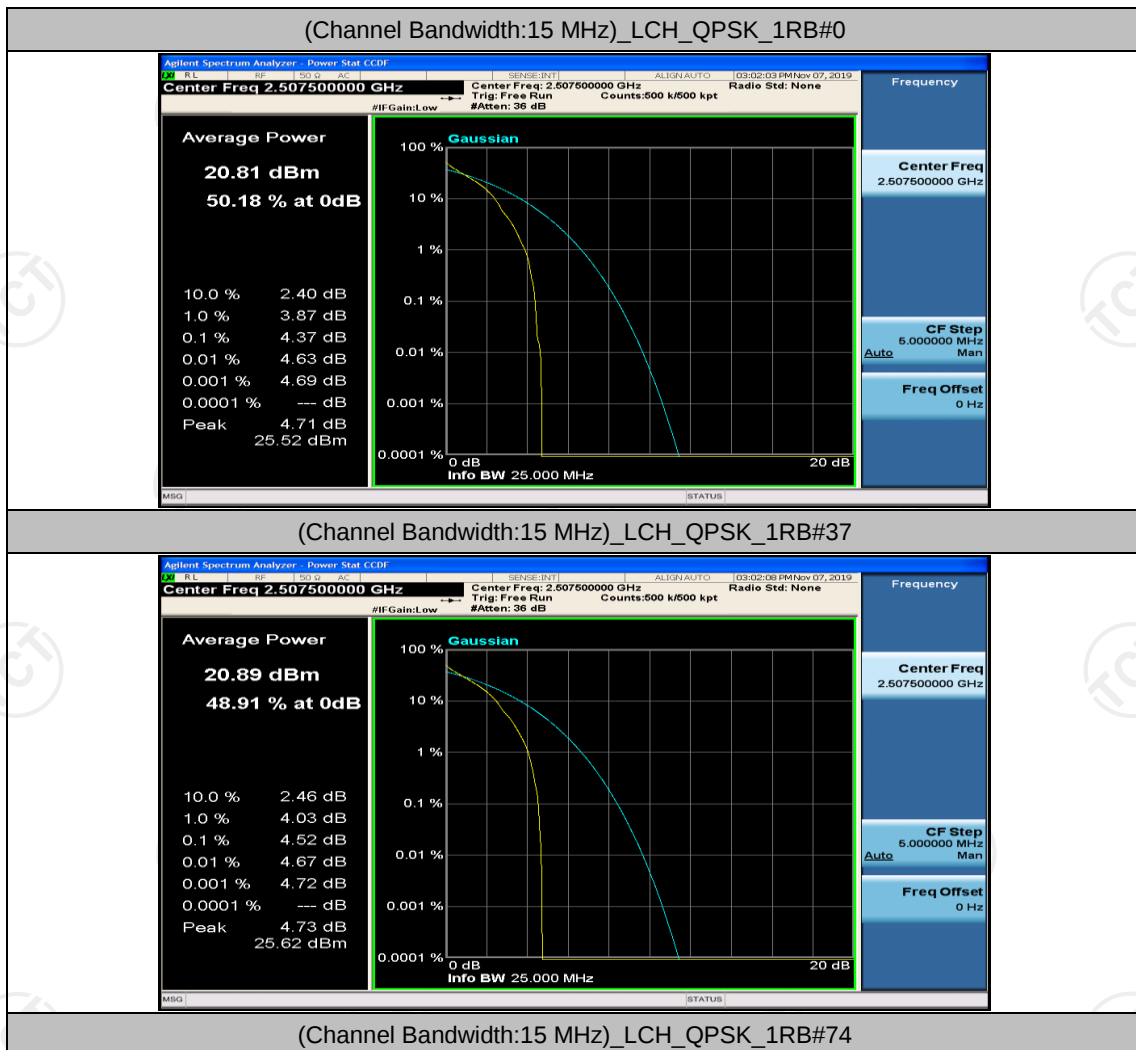


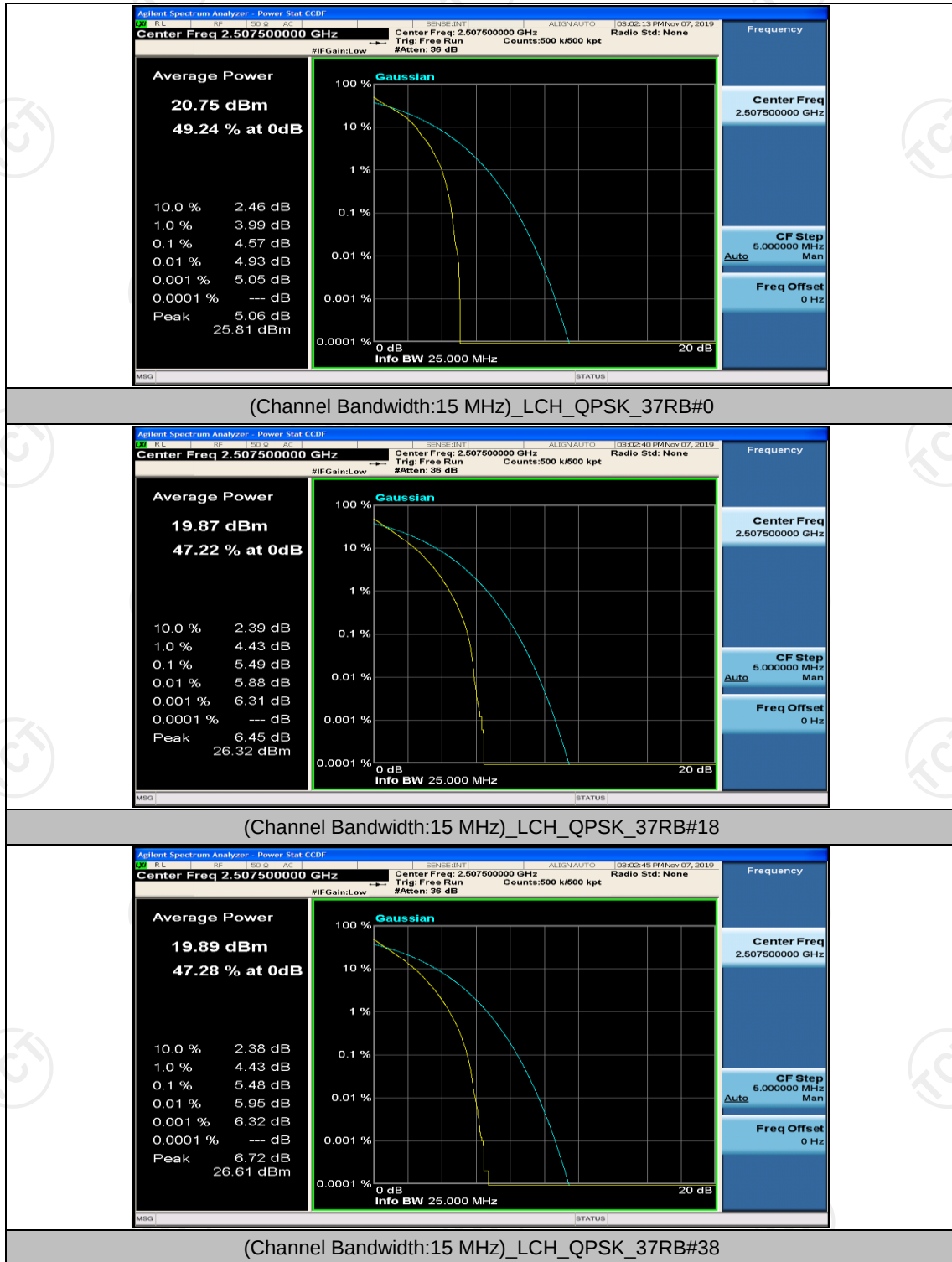


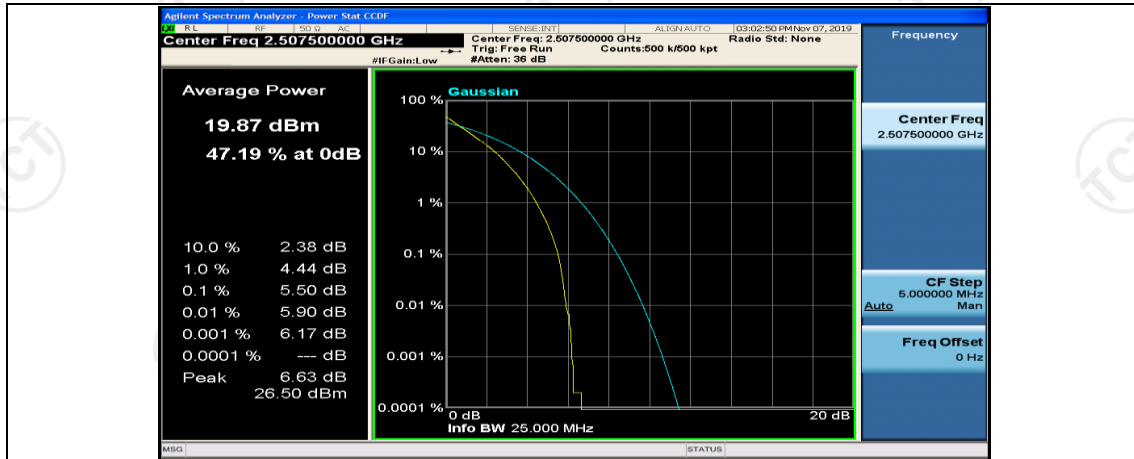




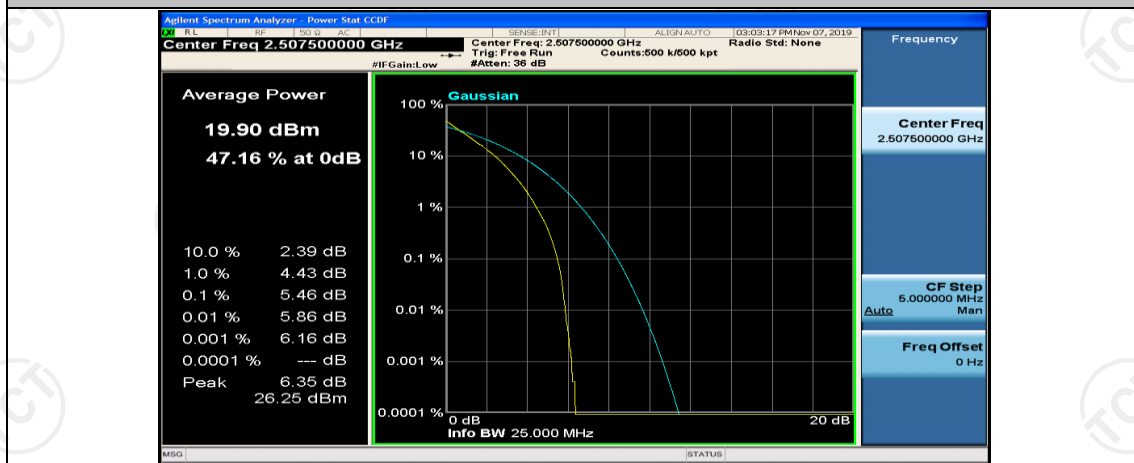
Channel Bandwidth: 15 MHz



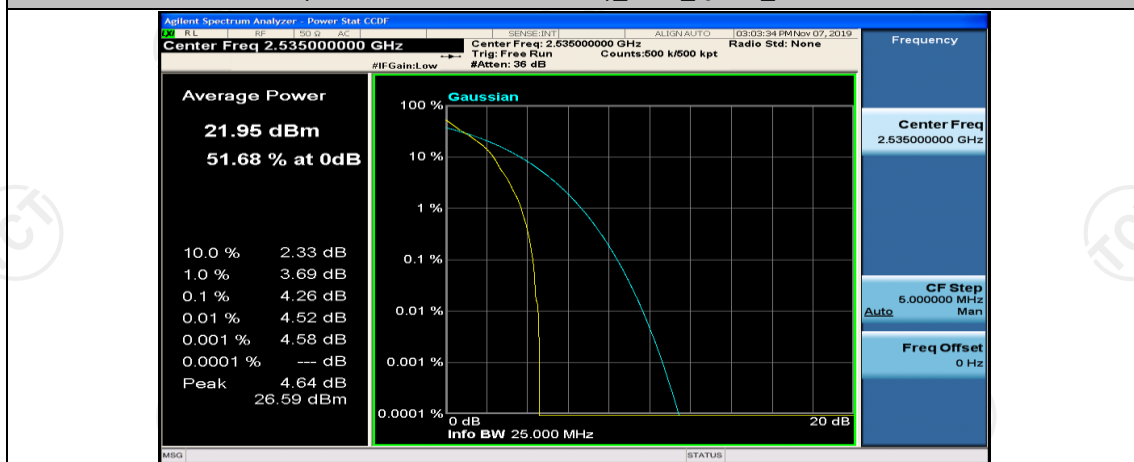




(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_75RB#0



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



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

