

Appendix for Band 7

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.09 | PASS |
| | | 1 | 12 | 24.05 | PASS |
| | | 1 | 24 | 23.92 | PASS |
| | | 12 | 0 | 23.01 | PASS |
| | | 12 | 6 | 23.08 | PASS |
| | | 12 | 13 | 22.99 | PASS |
| | | 25 | 0 | 22.99 | PASS |
| | MCH | 1 | 0 | 23.16 | PASS |
| | | 1 | 12 | 23.42 | PASS |
| | | 1 | 24 | 23.05 | PASS |
| | | 12 | 0 | 22.23 | PASS |
| | | 12 | 6 | 22.25 | PASS |
| | | 12 | 13 | 22.17 | PASS |
| | | 25 | 0 | 22.18 | PASS |
| 16QAM | HCH | 1 | 0 | 22.5 | PASS |
| | | 1 | 12 | 22.86 | PASS |
| | | 1 | 24 | 22.59 | PASS |
| | | 12 | 0 | 21.57 | PASS |
| | | 12 | 6 | 21.6 | PASS |
| | | 12 | 13 | 21.59 | PASS |
| | | 25 | 0 | 21.5 | PASS |
| | LCH | 1 | 0 | 22.99 | PASS |
| | | 1 | 12 | 23.17 | PASS |
| | | 1 | 24 | 22.95 | PASS |
| | | 12 | 0 | 21.91 | PASS |
| | | 12 | 6 | 21.98 | PASS |
| | | 12 | 13 | 21.89 | PASS |
| | | 25 | 0 | 21.88 | PASS |
| | MCH | 1 | 0 | 22.28 | PASS |
| | | 1 | 12 | 22.5 | PASS |
| | | 1 | 24 | 22.19 | PASS |

| | | | | | |
|-----|-----|----|----|-------|------|
| | | 12 | 0 | 21.31 | PASS |
| | | 12 | 6 | 21.34 | PASS |
| | | 12 | 13 | 21.25 | PASS |
| | | 25 | 0 | 21.18 | PASS |
| HCH | HCH | 1 | 0 | 21.57 | PASS |
| | | 1 | 12 | 21.88 | PASS |
| | | 1 | 24 | 21.6 | PASS |
| | | 12 | 0 | 20.52 | PASS |
| | | 12 | 6 | 20.52 | PASS |
| | | 12 | 13 | 20.54 | PASS |
| | | 25 | 0 | 20.52 | PASS |

Channel Bandwidth: 10 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.08 | PASS |
| | | 1 | 24 | 24.03 | PASS |
| | | 1 | 49 | 24.11 | PASS |
| | | 25 | 0 | 23 | PASS |
| | | 25 | 12 | 23.02 | PASS |
| | | 25 | 25 | 23.05 | PASS |
| | | 50 | 0 | 22.94 | PASS |
| | MCH | 1 | 0 | 23.29 | PASS |
| | | 1 | 24 | 23.32 | PASS |
| | | 1 | 49 | 23.1 | PASS |
| | | 25 | 0 | 22.27 | PASS |
| | | 25 | 12 | 22.23 | PASS |
| | | 25 | 25 | 22.24 | PASS |
| | | 50 | 0 | 22.2 | PASS |
| | HCH | 1 | 0 | 22.57 | PASS |
| | | 1 | 24 | 22.62 | PASS |
| | | 1 | 49 | 22.56 | PASS |
| | | 25 | 0 | 21.58 | PASS |
| | | 25 | 12 | 21.53 | PASS |
| | | 25 | 25 | 21.62 | PASS |
| | | 50 | 0 | 21.56 | PASS |
| 16QAM | LCH | 1 | 0 | 23.07 | PASS |
| | | 1 | 24 | 23.18 | PASS |
| | | 1 | 49 | 23 | PASS |
| | | 25 | 0 | 21.87 | PASS |
| | | 25 | 12 | 21.87 | PASS |
| | | 25 | 25 | 21.89 | PASS |

| | | | | | |
|-----|-----|----|----|-------|------|
| | | 50 | 0 | 21.87 | PASS |
| MCH | MCH | 1 | 0 | 22.49 | PASS |
| | | 1 | 24 | 22.48 | PASS |
| | | 1 | 49 | 22.2 | PASS |
| | | 25 | 0 | 21.23 | PASS |
| | | 25 | 12 | 21.2 | PASS |
| | | 25 | 25 | 21.22 | PASS |
| | | 50 | 0 | 21.22 | PASS |
| HCH | HCH | 1 | 0 | 21.59 | PASS |
| | | 1 | 24 | 21.71 | PASS |
| | | 1 | 49 | 21.59 | PASS |
| | | 25 | 0 | 20.68 | PASS |
| | | 25 | 12 | 20.87 | PASS |
| | | 25 | 25 | 20.54 | PASS |
| | | 50 | 0 | 20.51 | PASS |

Channel Bandwidth: 15 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 23.71 | PASS |
| | | 1 | 37 | 24.05 | PASS |
| | | 1 | 74 | 23.33 | PASS |
| | | 37 | 0 | 22.88 | PASS |
| | | 37 | 18 | 22.88 | PASS |
| | | 37 | 38 | 22.73 | PASS |
| | | 75 | 0 | 22.8 | PASS |
| | MCH | 1 | 0 | 23.32 | PASS |
| | | 1 | 37 | 23.47 | PASS |
| | | 1 | 74 | 22.9 | PASS |
| | | 37 | 0 | 22.29 | PASS |
| | | 37 | 18 | 22.25 | PASS |
| | | 37 | 38 | 22.17 | PASS |
| | | 75 | 0 | 22.2 | PASS |
| 16QAM | HCH | 1 | 0 | 22.97 | PASS |
| | | 1 | 37 | 22.69 | PASS |
| | | 1 | 74 | 22.74 | PASS |
| | | 37 | 0 | 21.64 | PASS |
| | | 37 | 18 | 21.58 | PASS |
| | | 37 | 38 | 21.55 | PASS |
| | | 75 | 0 | 21.63 | PASS |
| | | 1 | 0 | 22.93 | PASS |
| | | 1 | 37 | 23.15 | PASS |
| | LCH | | | | |

| | | | | | |
|--|-----|----|----|-------|------|
| | | 1 | 74 | 22.44 | PASS |
| | | 37 | 0 | 21.67 | PASS |
| | | 37 | 18 | 21.69 | PASS |
| | | 37 | 38 | 21.52 | PASS |
| | | 75 | 0 | 21.63 | PASS |
| | MCH | 1 | 0 | 22.42 | PASS |
| | | 1 | 37 | 22.58 | PASS |
| | | 1 | 74 | 21.86 | PASS |
| | | 37 | 0 | 21.32 | PASS |
| | | 37 | 18 | 21.23 | PASS |
| | | 37 | 38 | 21.16 | PASS |
| | | 75 | 0 | 21.15 | PASS |
| | HCH | 1 | 0 | 21.51 | PASS |
| | | 1 | 37 | 21.68 | PASS |
| | | 1 | 74 | 21.78 | PASS |
| | | 37 | 0 | 20.52 | PASS |
| | | 37 | 18 | 20.53 | PASS |
| | | 37 | 38 | 20.67 | PASS |
| | | 75 | 0 | 20.55 | PASS |

Channel Bandwidth: 20 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.05 | PASS |
| | | 1 | 49 | 24.12 | PASS |
| | | 1 | 99 | 23.87 | PASS |
| | | 50 | 0 | 23.31 | PASS |
| | | 50 | 25 | 23.33 | PASS |
| | | 50 | 50 | 23.21 | PASS |
| | | 100 | 0 | 23.21 | PASS |
| QPSK | MCH | 1 | 0 | 23.41 | PASS |
| | | 1 | 49 | 23.87 | PASS |
| | | 1 | 99 | 23.1 | PASS |
| | | 50 | 0 | 22.48 | PASS |
| | | 50 | 25 | 22.43 | PASS |
| | | 50 | 50 | 22.37 | PASS |
| | | 100 | 0 | 22.44 | PASS |
| QPSK | HCH | 1 | 0 | 23.67 | PASS |
| | | 1 | 49 | 23.74 | PASS |
| | | 1 | 99 | 23.98 | PASS |
| | | 50 | 0 | 22.86 | PASS |
| | | 50 | 25 | 22.83 | PASS |

| | | | | | |
|-------|-----|-----|----|-------|------|
| | | 50 | 50 | 22.8 | PASS |
| | | 100 | 0 | 22.82 | PASS |
| 16QAM | LCH | 1 | 0 | 22.99 | PASS |
| | | 1 | 49 | 23.13 | PASS |
| | | 1 | 99 | 22.71 | PASS |
| | | 50 | 0 | 22.06 | PASS |
| | | 50 | 25 | 22.05 | PASS |
| | | 50 | 50 | 21.94 | PASS |
| | | 100 | 0 | 22 | PASS |
| | MCH | 1 | 0 | 22.43 | PASS |
| | | 1 | 49 | 22.42 | PASS |
| | | 1 | 99 | 21.99 | PASS |
| | | 50 | 0 | 21.36 | PASS |
| | | 50 | 25 | 21.3 | PASS |
| | | 50 | 50 | 21.22 | PASS |
| | | 100 | 0 | 21.3 | PASS |
| | HCH | 1 | 0 | 22.57 | PASS |
| | | 1 | 49 | 22.73 | PASS |
| | | 1 | 99 | 22.53 | PASS |
| | | 50 | 0 | 21.66 | PASS |
| | | 50 | 25 | 21.64 | PASS |
| | | 50 | 50 | 21.61 | PASS |
| | | 100 | 0 | 21.65 | 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 [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 1.12 | <13 | PASS |
| | | 1 | 12 | 1.02 | <13 | PASS |
| | | 1 | 24 | 1 | <13 | PASS |
| | | 12 | 0 | 2.32 | <13 | PASS |
| | | 12 | 6 | 2.2 | <13 | PASS |
| | | 12 | 13 | 2.18 | <13 | PASS |
| | | 25 | 0 | 2.31 | <13 | PASS |
| | MCH | 1 | 0 | 2.6 | <13 | PASS |
| | | 1 | 12 | 2.12 | <13 | PASS |
| | | 1 | 24 | 2.19 | <13 | PASS |
| | | 12 | 0 | 3.61 | <13 | PASS |
| | | 12 | 6 | 3.53 | <13 | PASS |
| | | 12 | 13 | 3.48 | <13 | PASS |
| | | 25 | 0 | 3.58 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 2.49 | <13 | PASS |
| | | 1 | 12 | 2.11 | <13 | PASS |
| | | 1 | 24 | 1.94 | <13 | PASS |
| | | 12 | 0 | 3.52 | <13 | PASS |
| | | 12 | 6 | 3.46 | <13 | PASS |
| | | 12 | 13 | 3.41 | <13 | PASS |
| | | 25 | 0 | 3.51 | <13 | PASS |
| | MCH | 1 | 0 | 2.34 | <13 | PASS |
| | | 1 | 12 | 2.1 | <13 | PASS |
| | | 1 | 24 | 2.33 | <13 | PASS |
| | | 12 | 0 | 3.51 | <13 | PASS |
| | | 12 | 6 | 3.39 | <13 | PASS |
| | | 12 | 13 | 3.42 | <13 | PASS |
| | | 25 | 0 | 3.53 | <13 | PASS |

| | | | | | | |
|-----|----|----|------|------|------|------|
| | | 12 | 13 | 4.54 | <13 | PASS |
| | | 25 | 0 | 4.6 | <13 | PASS |
| HCH | 1 | 0 | 3.38 | <13 | PASS | |
| | 1 | 12 | 3.17 | <13 | PASS | |
| | 1 | 24 | 3.2 | <13 | PASS | |
| | 12 | 0 | 4.57 | <13 | PASS | |
| | 12 | 6 | 4.55 | <13 | PASS | |
| | 12 | 13 | 4.49 | <13 | PASS | |
| | 25 | 0 | 4.54 | <13 | PASS | |
| | | | | | | |

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 1.09 | <13 | PASS |
| | | 1 | 24 | 0.89 | <13 | PASS |
| | | 1 | 49 | 0.82 | <13 | PASS |
| | | 25 | 0 | 2.29 | <13 | PASS |
| | | 25 | 12 | 2.12 | <13 | PASS |
| | | 25 | 25 | 1.89 | <13 | PASS |
| | | 50 | 0 | 2.38 | <13 | PASS |
| | MCH | 1 | 0 | 2.35 | <13 | PASS |
| | | 1 | 24 | 2.17 | <13 | PASS |
| | | 1 | 49 | 1.87 | <13 | PASS |
| | | 25 | 0 | 3.54 | <13 | PASS |
| | | 25 | 12 | 3.5 | <13 | PASS |
| | | 25 | 25 | 3.34 | <13 | PASS |
| | | 50 | 0 | 3.56 | <13 | PASS |
| | HCH | 1 | 0 | 1.98 | <13 | PASS |
| | | 1 | 24 | 2.26 | <13 | PASS |
| | | 1 | 49 | 1.99 | <13 | PASS |
| | | 25 | 0 | 3.24 | <13 | PASS |
| | | 25 | 12 | 3.42 | <13 | PASS |
| | | 25 | 25 | 3.4 | <13 | PASS |
| | | 50 | 0 | 3.49 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 2.32 | <13 | PASS |
| | | 1 | 24 | 1.98 | <13 | PASS |
| | | 1 | 49 | 1.94 | <13 | PASS |
| | | 25 | 0 | 3.5 | <13 | PASS |
| | | 25 | 12 | 3.41 | <13 | PASS |
| | | 25 | 25 | 3.19 | <13 | PASS |

| | | | | | | |
|-----|----|----|---|------|-----|------|
| | | 50 | 0 | 3.52 | <13 | PASS |
| MCH | 1 | 0 | | 3.35 | <13 | PASS |
| | 1 | 24 | | 3.38 | <13 | PASS |
| | 1 | 49 | | 3.17 | <13 | PASS |
| | 25 | 0 | | 4.61 | <13 | PASS |
| | 25 | 12 | | 4.6 | <13 | PASS |
| | 25 | 25 | | 4.46 | <13 | PASS |
| | 50 | 0 | | 4.66 | <13 | PASS |
| HCH | 1 | 0 | | 2.95 | <13 | PASS |
| | 1 | 24 | | 3.26 | <13 | PASS |
| | 1 | 49 | | 3.19 | <13 | PASS |
| | 25 | 0 | | 4.29 | <13 | PASS |
| | 25 | 12 | | 4.49 | <13 | PASS |
| | 25 | 25 | | 4.53 | <13 | PASS |
| | 50 | 0 | | 4.53 | <13 | PASS |

Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 1.04 | <13 | PASS |
| | | 1 | 37 | 0.82 | <13 | PASS |
| | | 1 | 74 | 0.74 | <13 | PASS |
| | | 37 | 0 | 2.05 | <13 | PASS |
| | | 37 | 18 | 1.77 | <13 | PASS |
| | | 37 | 38 | 1.71 | <13 | PASS |
| | | 75 | 0 | 2.72 | <13 | PASS |
| QPSK | MCH | 1 | 0 | 2.16 | <13 | PASS |
| | | 1 | 37 | 2.11 | <13 | PASS |
| | | 1 | 74 | 1.52 | <13 | PASS |
| | | 37 | 0 | 3.34 | <13 | PASS |
| | | 37 | 18 | 3.31 | <13 | PASS |
| | | 37 | 38 | 3.04 | <13 | PASS |
| | | 75 | 0 | 3.77 | <13 | PASS |
| QPSK | HCH | 1 | 0 | 1.31 | <13 | PASS |
| | | 1 | 37 | 2.12 | <13 | PASS |
| | | 1 | 74 | 2.12 | <13 | PASS |
| | | 37 | 0 | 2.62 | <13 | PASS |
| | | 37 | 18 | 3.01 | <13 | PASS |
| | | 37 | 38 | 3.28 | <13 | PASS |
| | | 75 | 0 | 3.59 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|------|-----|------|
| 16QAM | LCH | 1 | 0 | 2.36 | <13 | PASS |
| | | 1 | 37 | 1.89 | <13 | PASS |
| | | 1 | 74 | 1.89 | <13 | PASS |
| | | 37 | 0 | 3.31 | <13 | PASS |
| | | 37 | 18 | 3.1 | <13 | PASS |
| | | 37 | 38 | 2.92 | <13 | PASS |
| | | 75 | 0 | 3.79 | <13 | PASS |
| | MCH | 1 | 0 | 3.28 | <13 | PASS |
| | | 1 | 37 | 3.42 | <13 | PASS |
| | | 1 | 74 | 3.02 | <13 | PASS |
| | | 37 | 0 | 4.44 | <13 | PASS |
| | | 37 | 18 | 4.48 | <13 | PASS |
| | | 37 | 38 | 4.35 | <13 | PASS |
| | | 75 | 0 | 4.84 | <13 | PASS |
| | HCH | 1 | 0 | 2.47 | <13 | PASS |
| | | 1 | 37 | 3.05 | <13 | PASS |
| | | 1 | 74 | 3.41 | <13 | PASS |
| | | 37 | 0 | 3.7 | <13 | PASS |
| | | 37 | 18 | 4.1 | <13 | PASS |
| | | 37 | 38 | 4.44 | <13 | PASS |
| | | 75 | 0 | 4.57 | <13 | PASS |

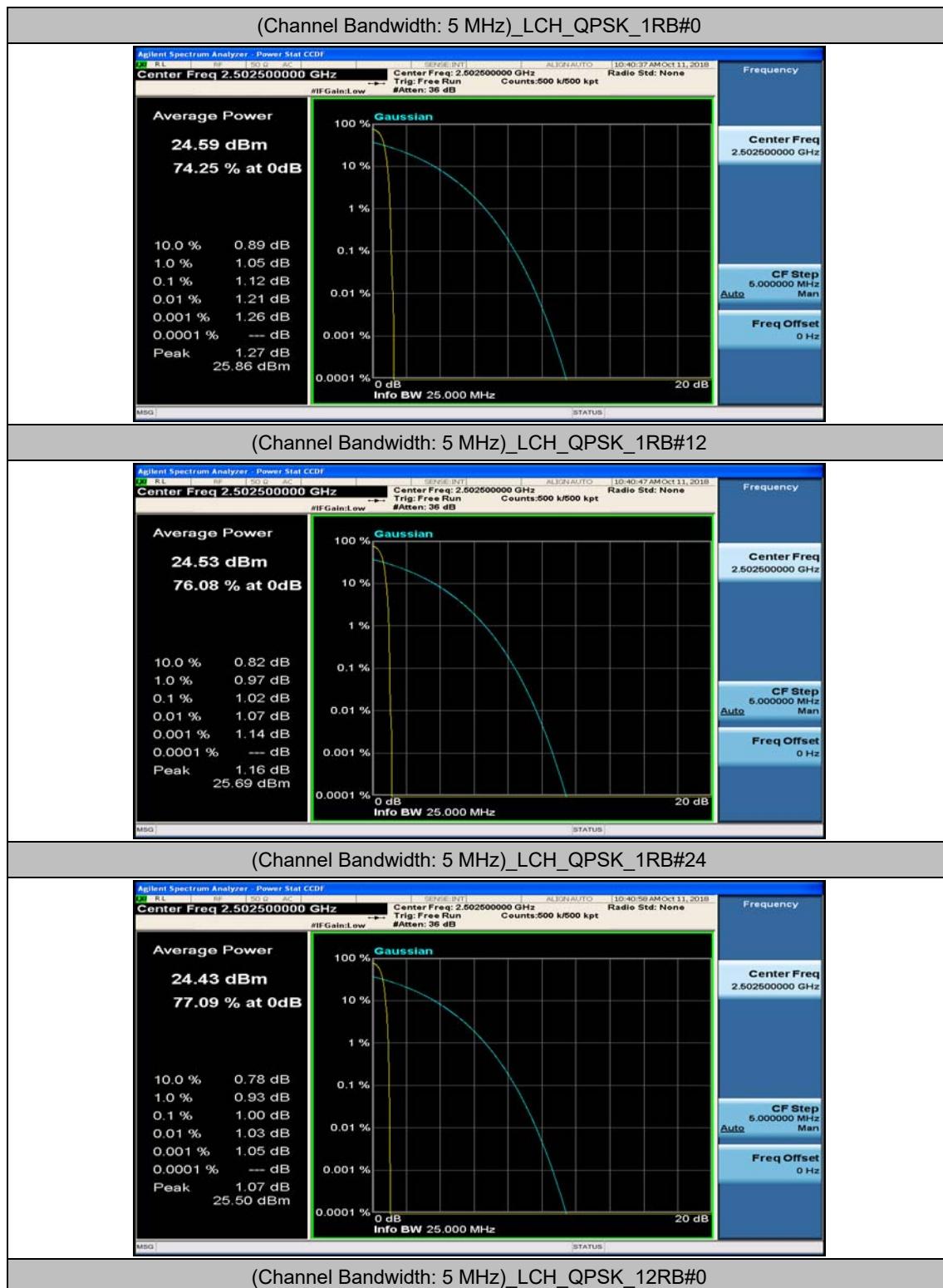
Channel Bandwidth: 20 MHz

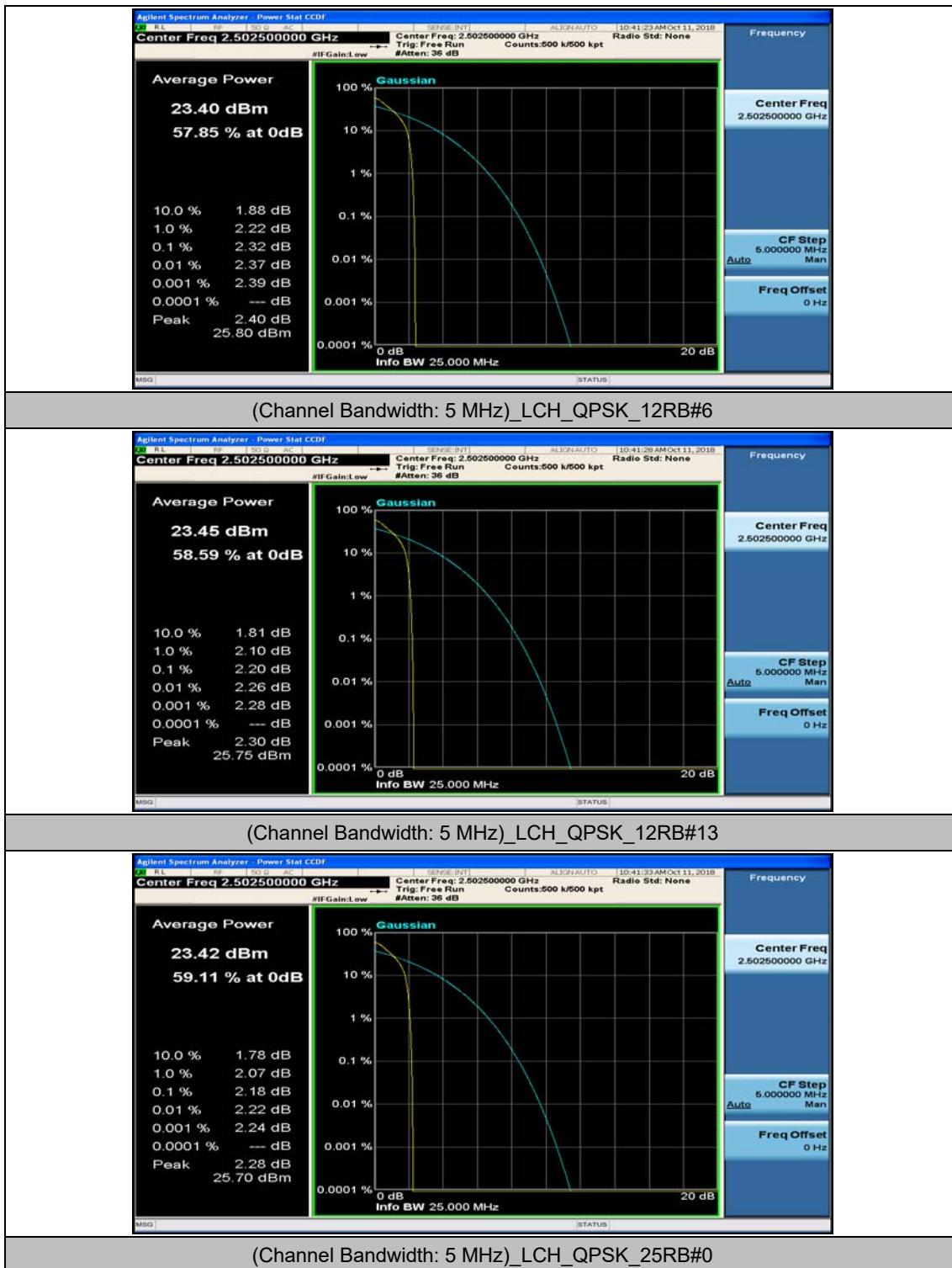
| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 1.26 | <13 | PASS |
| | | 1 | 49 | 0.78 | <13 | PASS |
| | | 1 | 99 | 1.25 | <13 | PASS |
| | | 50 | 0 | 2.75 | <13 | PASS |
| | | 50 | 25 | 2.21 | <13 | PASS |
| | | 50 | 50 | 2.45 | <13 | PASS |
| | | 100 | 0 | 3.45 | <13 | PASS |
| | MCH | 1 | 0 | 2.15 | <13 | PASS |
| | | 1 | 49 | 2.33 | <13 | PASS |
| | | 1 | 99 | 1.65 | <13 | PASS |
| | | 50 | 0 | 4.45 | <13 | PASS |
| | | 50 | 25 | 4.36 | <13 | PASS |
| | | 50 | 50 | 4.32 | <13 | PASS |
| | | 100 | 0 | 4.75 | <13 | PASS |
| | HCH | 1 | 0 | 2.89 | <13 | PASS |

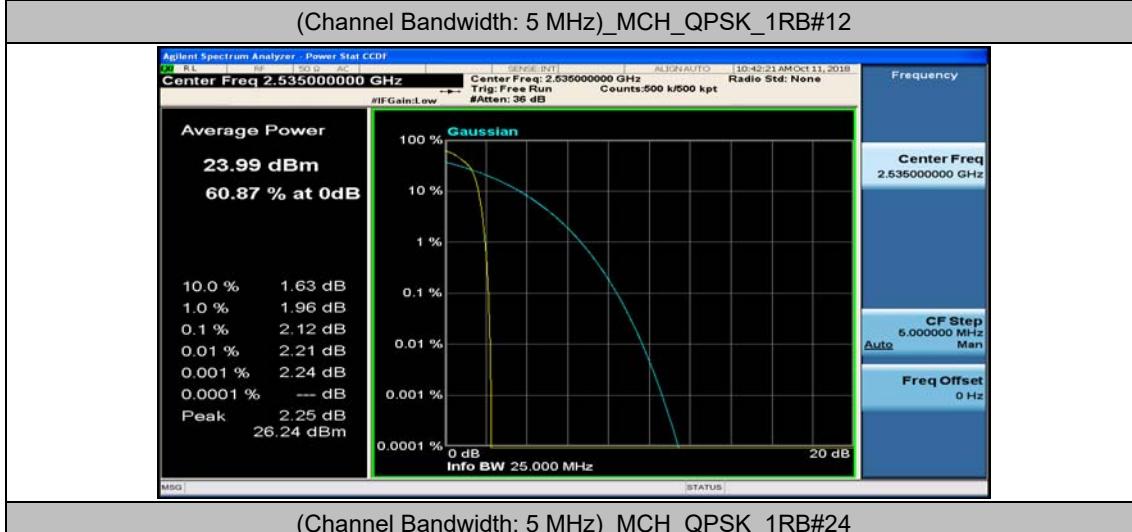
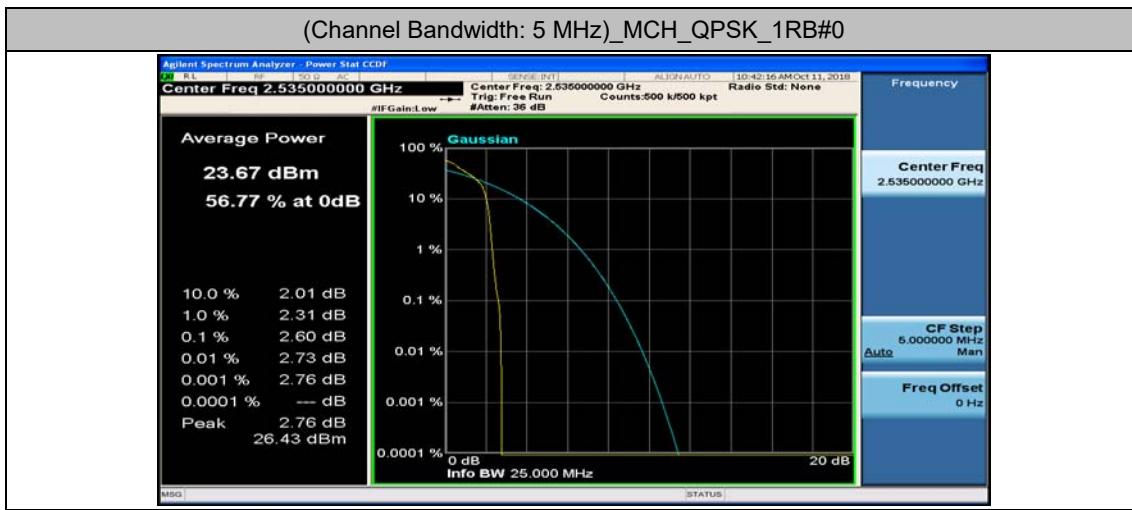
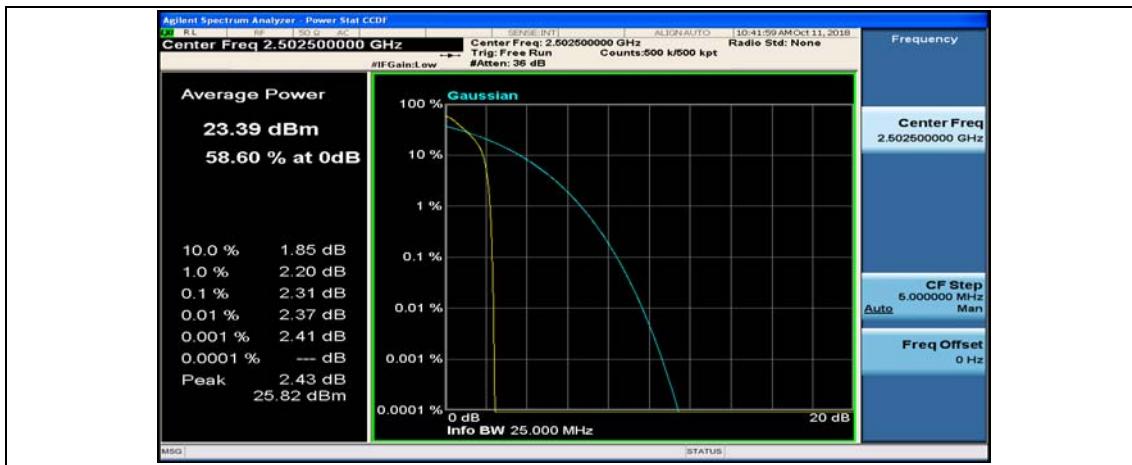
| | | | | | | |
|-------|-----|-----|----|------|-----|------|
| | | 1 | 49 | 3.38 | <13 | PASS |
| | | 1 | 99 | 2.38 | <13 | PASS |
| | | 50 | 0 | 4.17 | <13 | PASS |
| | | 50 | 25 | 4.23 | <13 | PASS |
| | | 50 | 50 | 4.03 | <13 | PASS |
| | | 100 | 0 | 4.6 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 2.5 | <13 | PASS |
| | | 1 | 49 | 1.61 | <13 | PASS |
| | | 1 | 99 | 2.15 | <13 | PASS |
| | | 50 | 0 | 3.82 | <13 | PASS |
| | | 50 | 25 | 3.34 | <13 | PASS |
| | | 50 | 50 | 3.48 | <13 | PASS |
| | | 100 | 0 | 4.36 | <13 | PASS |
| | MCH | 1 | 0 | 3.51 | <13 | PASS |
| | | 1 | 49 | 3.66 | <13 | PASS |
| | | 1 | 99 | 3.26 | <13 | PASS |
| | | 50 | 0 | 5.71 | <13 | PASS |
| | | 50 | 25 | 5.66 | <13 | PASS |
| | | 50 | 50 | 5.5 | <13 | PASS |
| | | 100 | 0 | 5.81 | <13 | PASS |
| | HCH | 1 | 0 | 3.34 | <13 | PASS |
| | | 1 | 49 | 3.69 | <13 | PASS |
| | | 1 | 99 | 2.89 | <13 | PASS |
| | | 50 | 0 | 5.32 | <13 | PASS |
| | | 50 | 25 | 5.45 | <13 | PASS |
| | | 50 | 50 | 5.33 | <13 | PASS |
| | | 100 | 0 | 5.69 | <13 | PASS |

Test Graphs

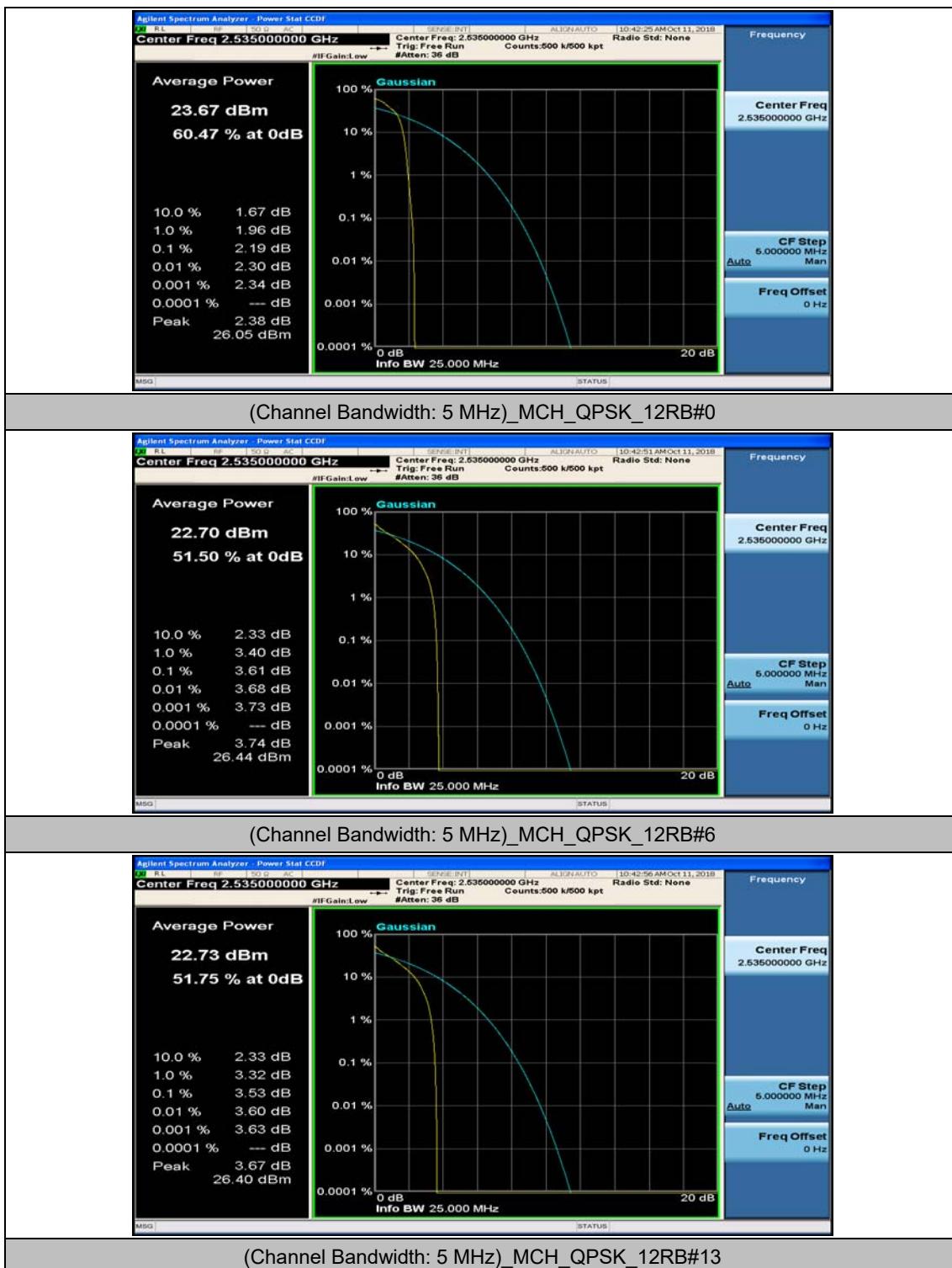
Channel Bandwidth: 5 MHz

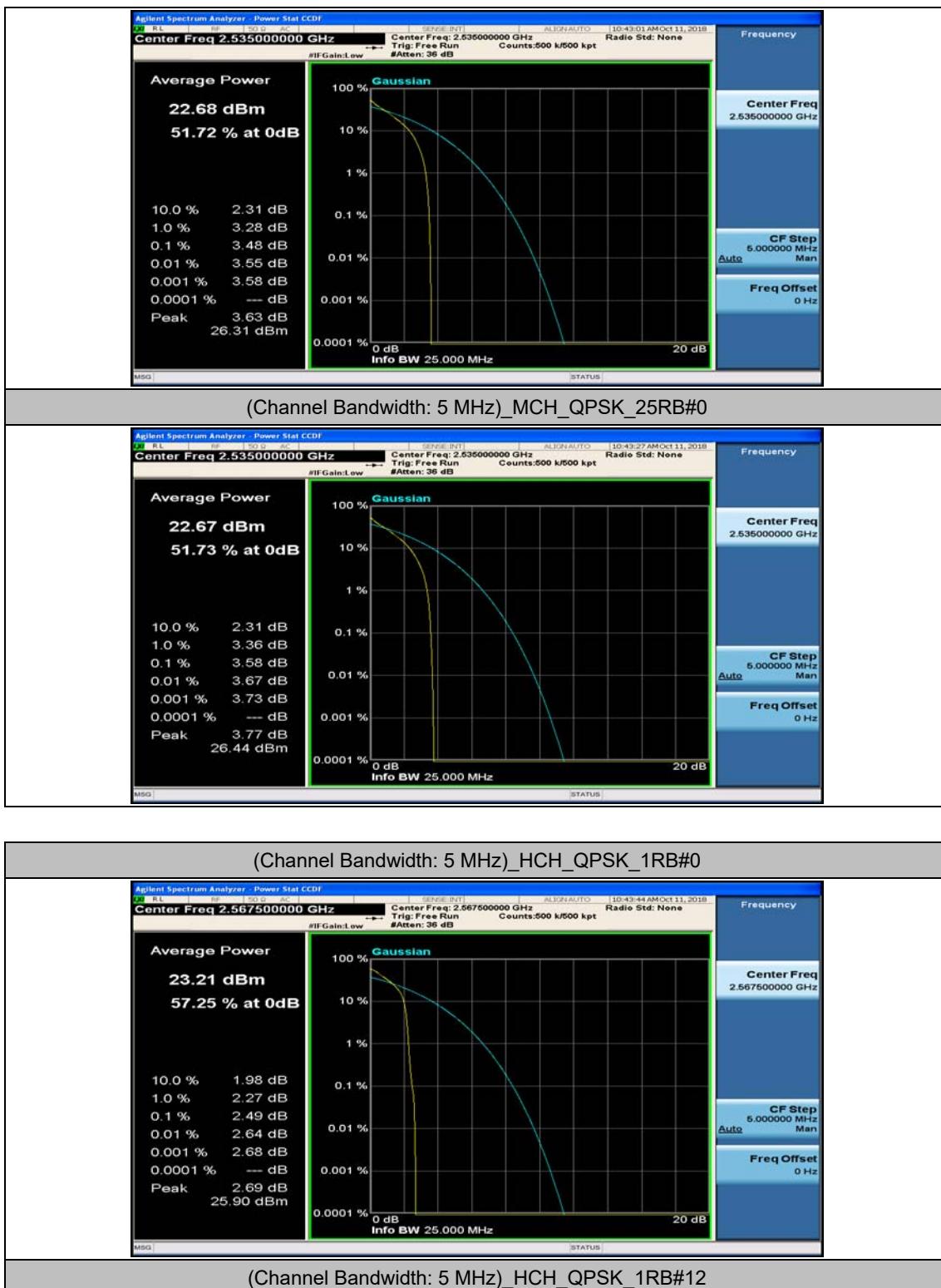


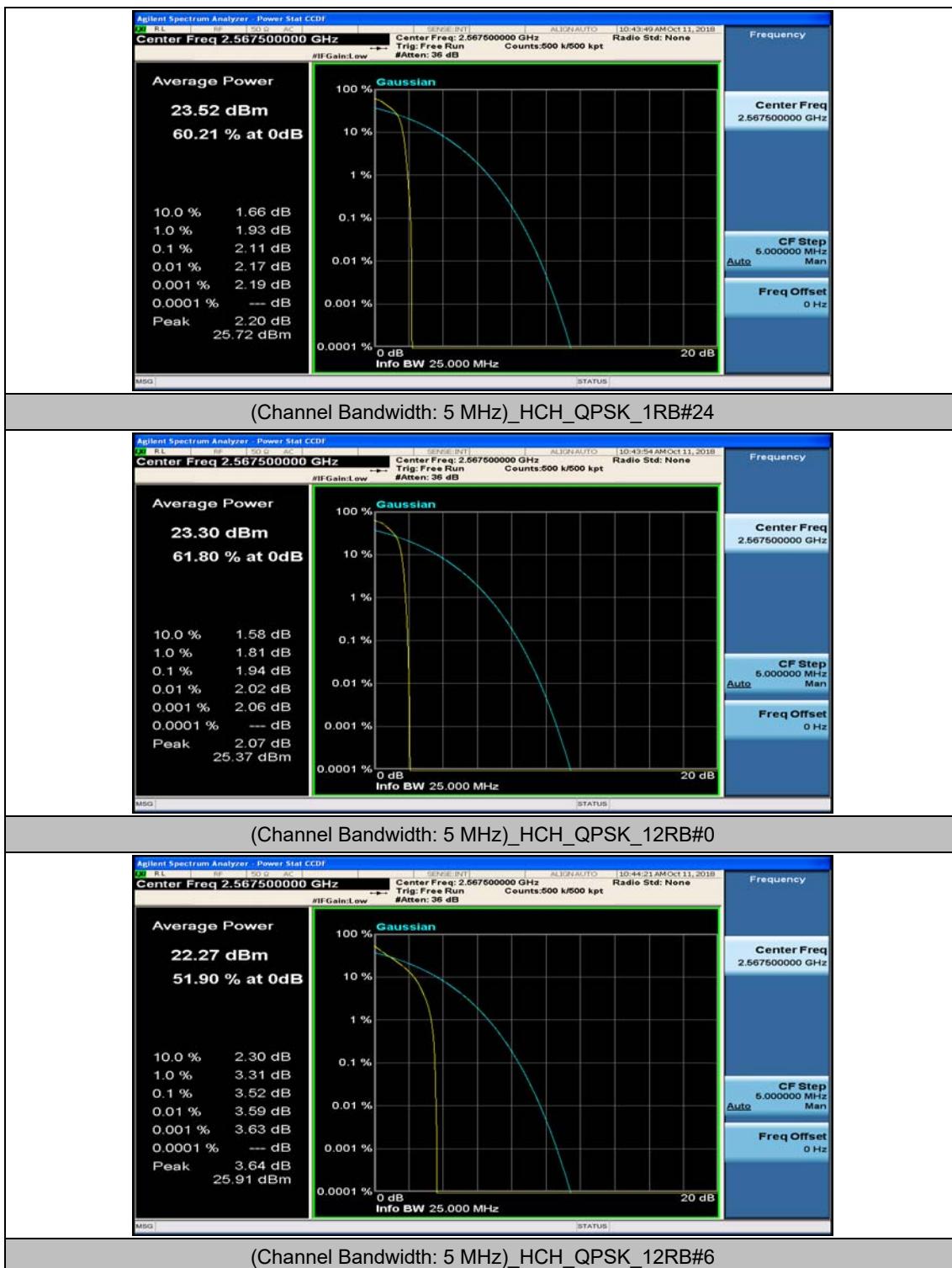


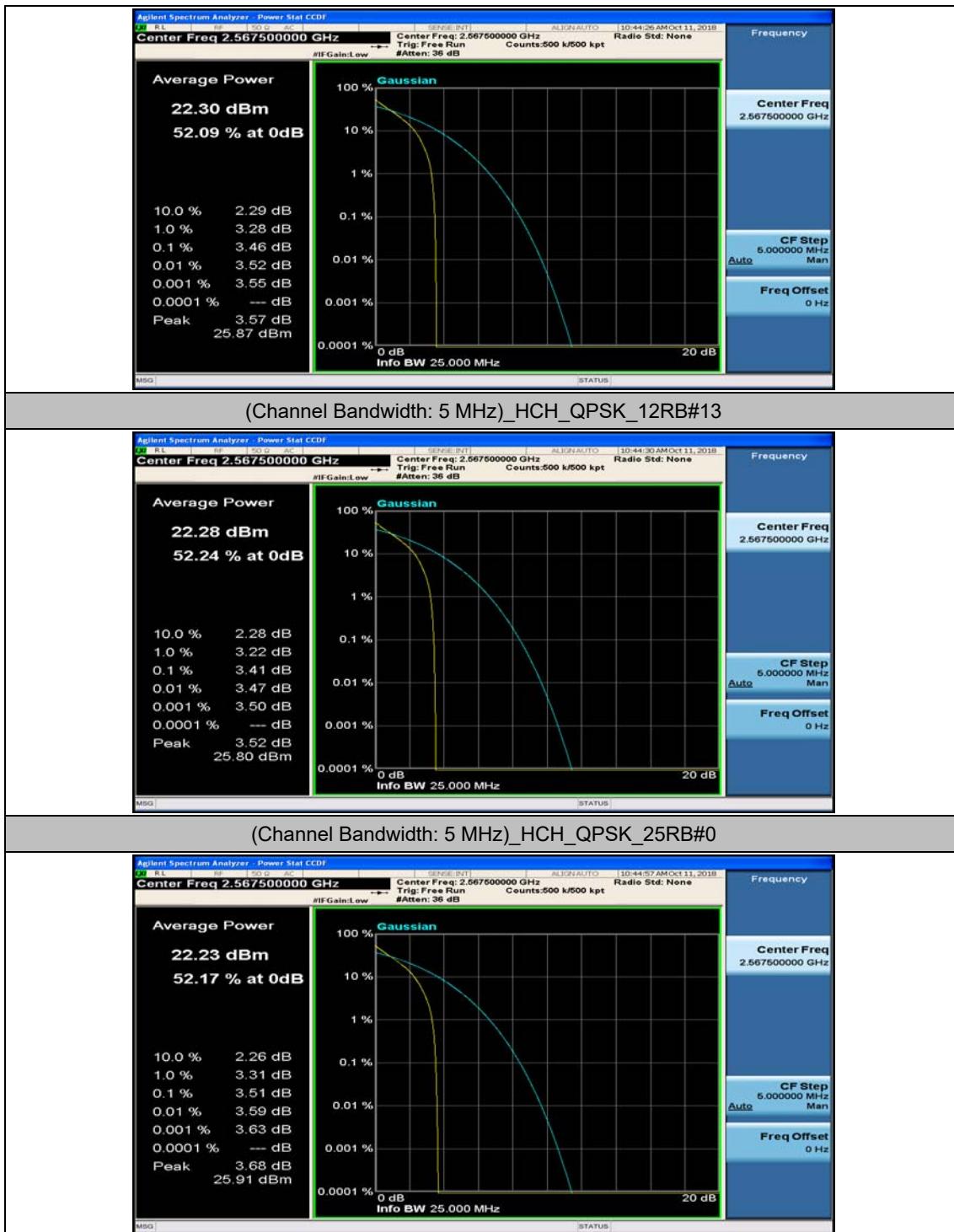


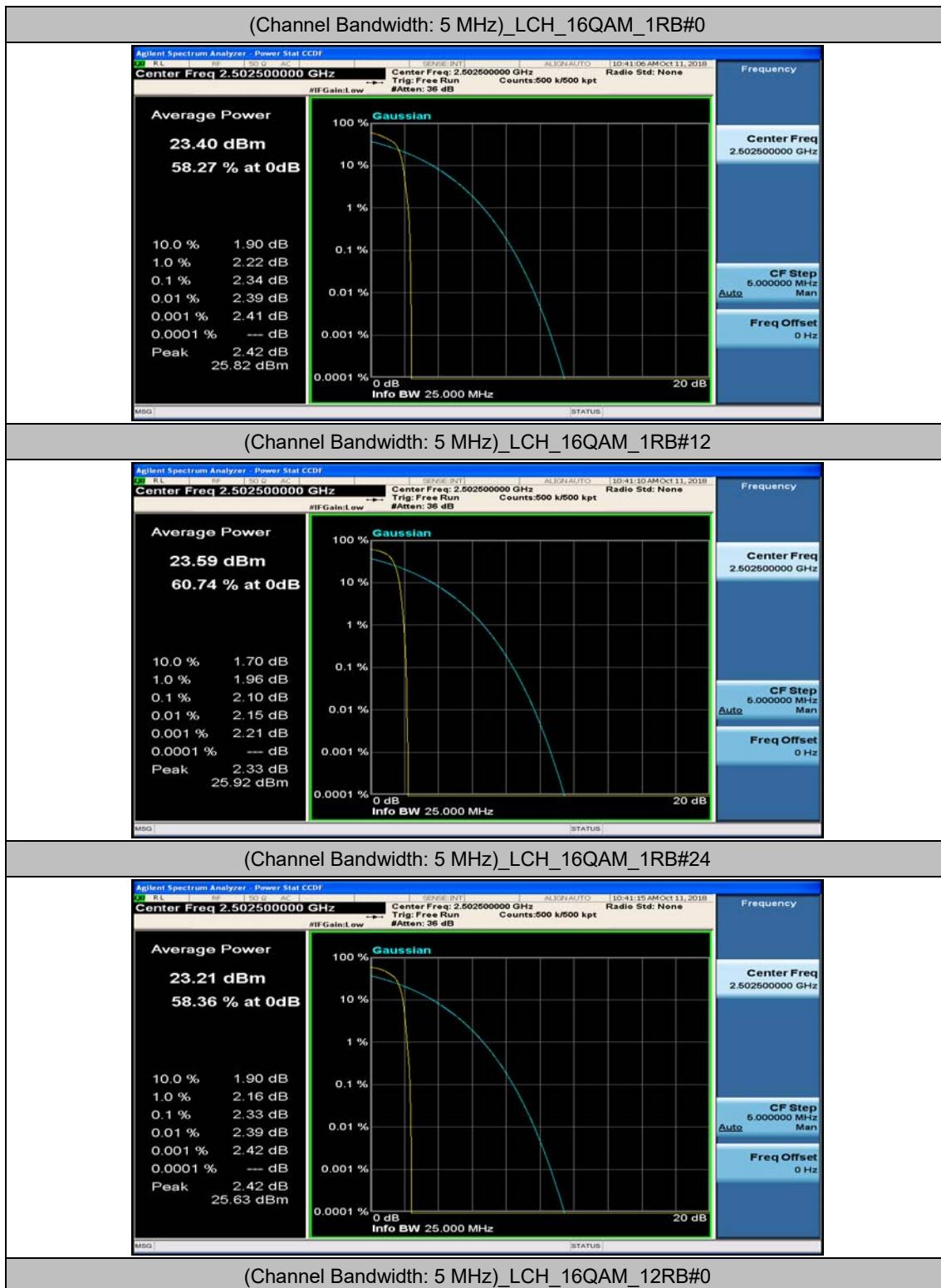
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

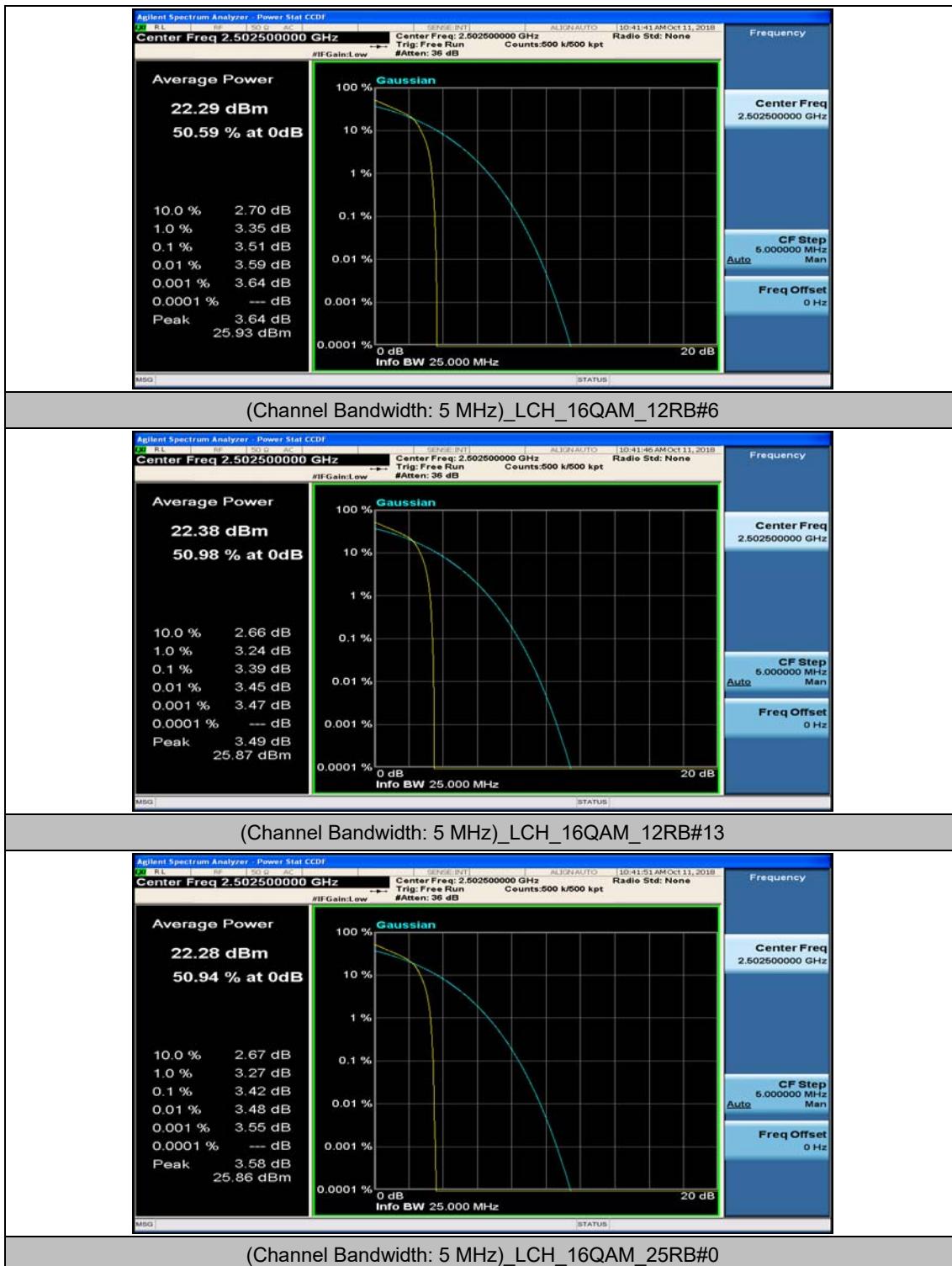


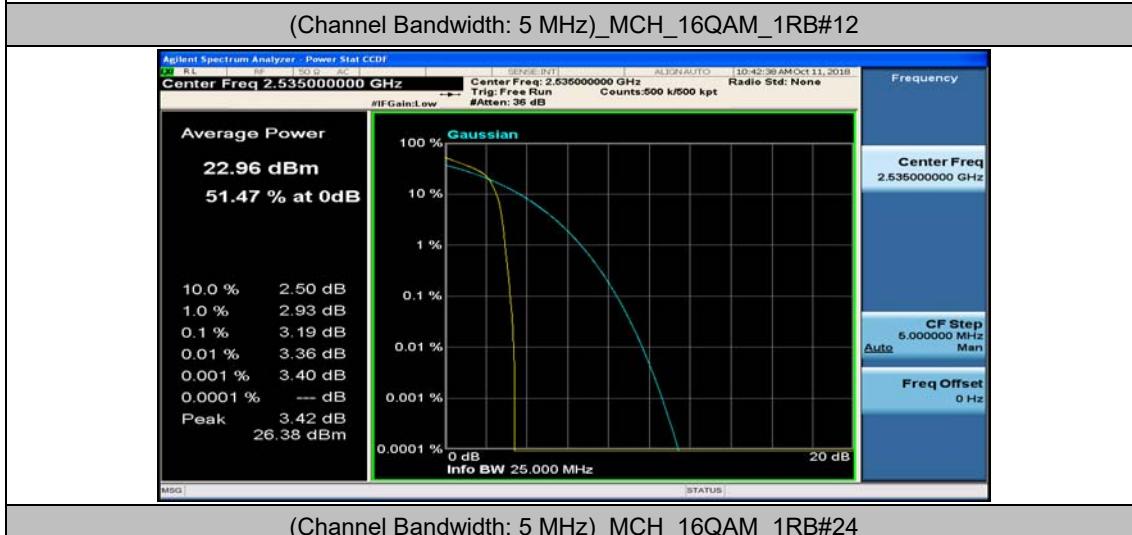
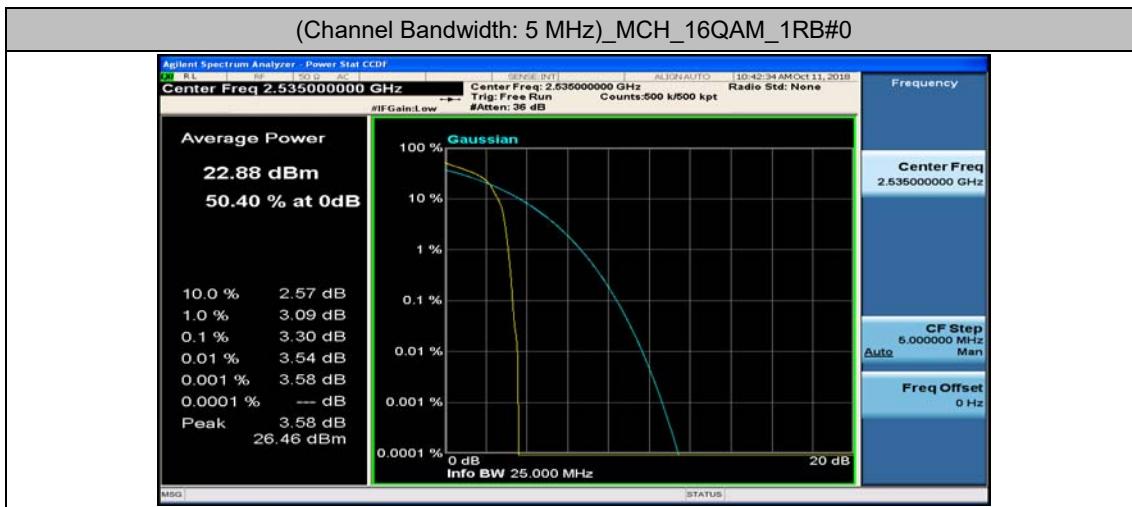
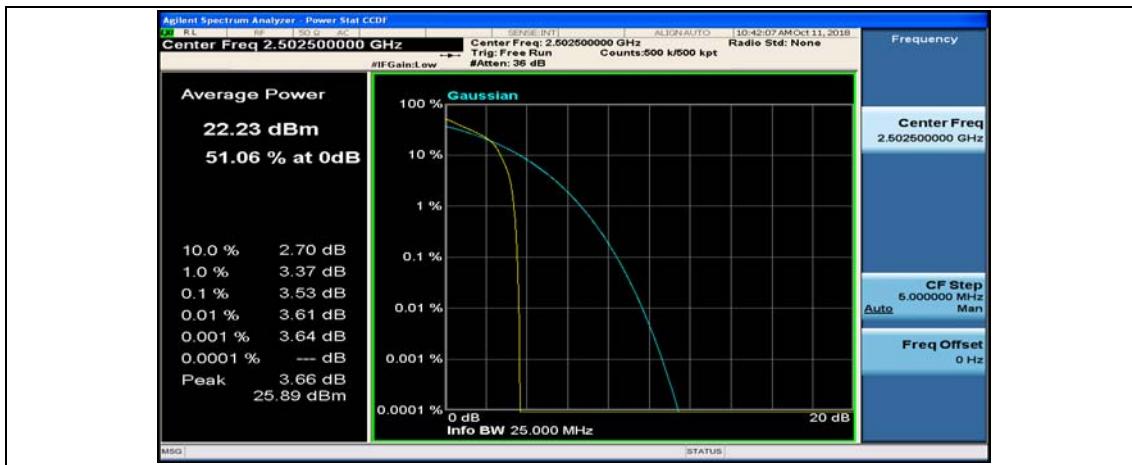




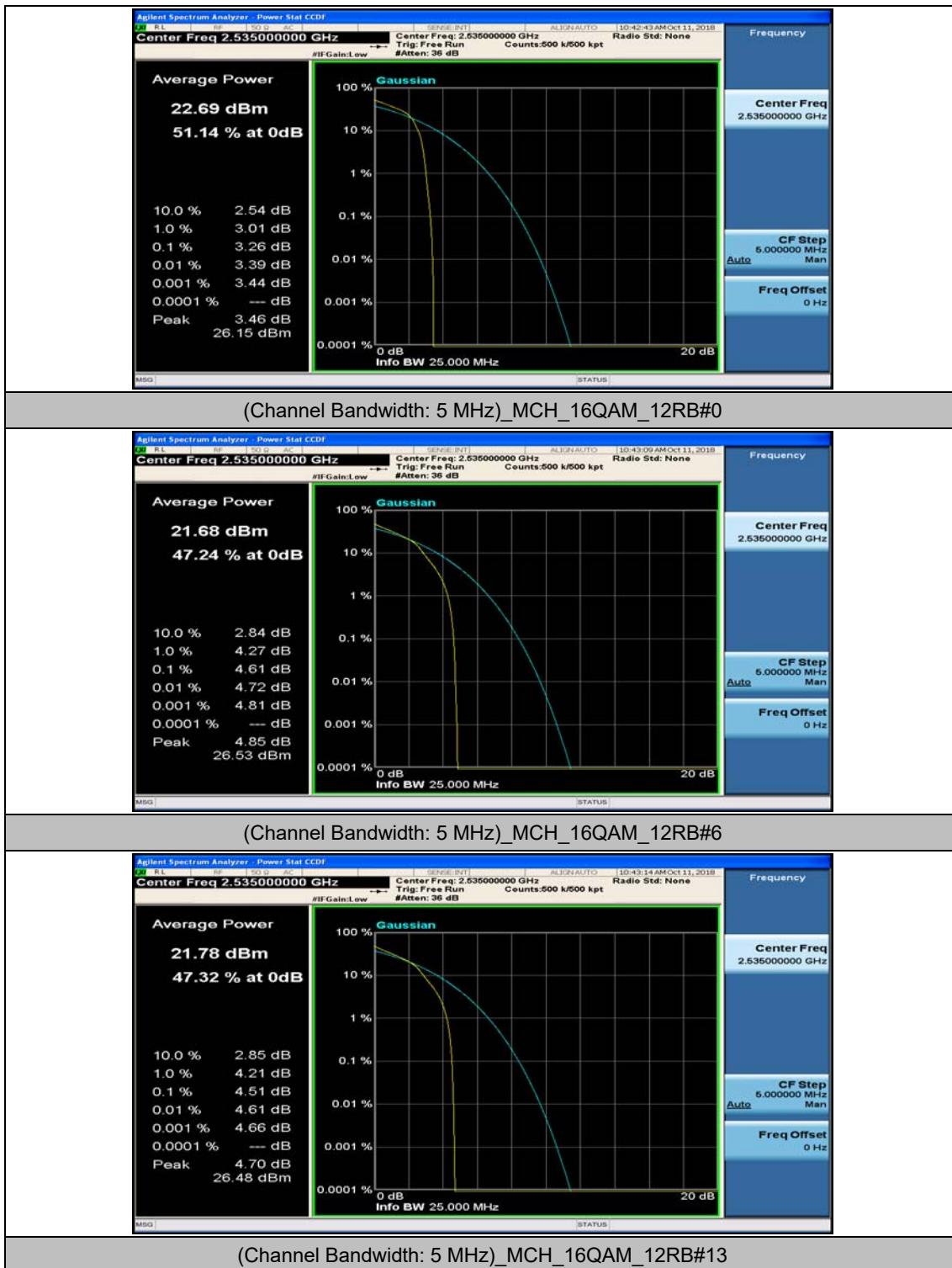


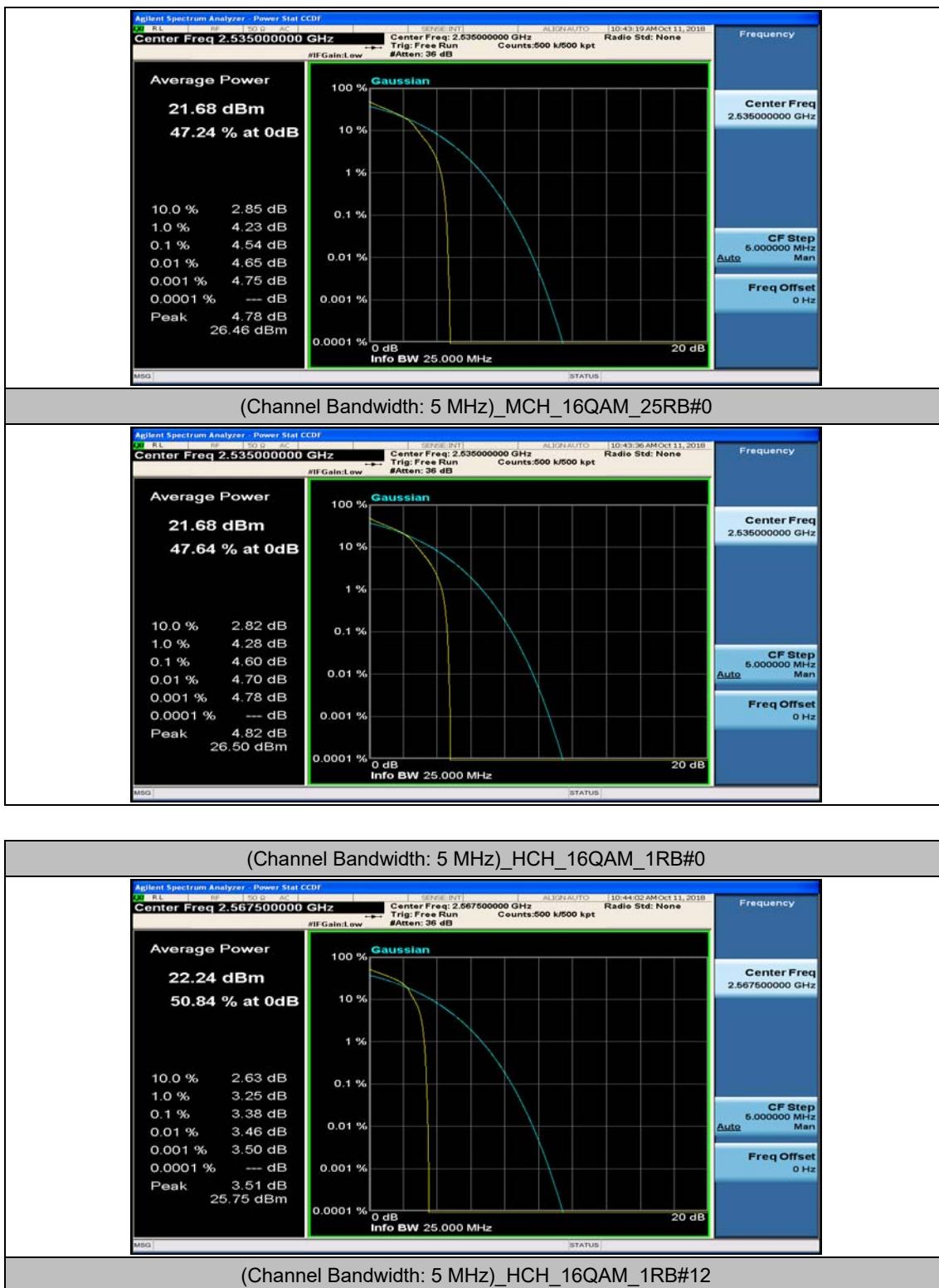


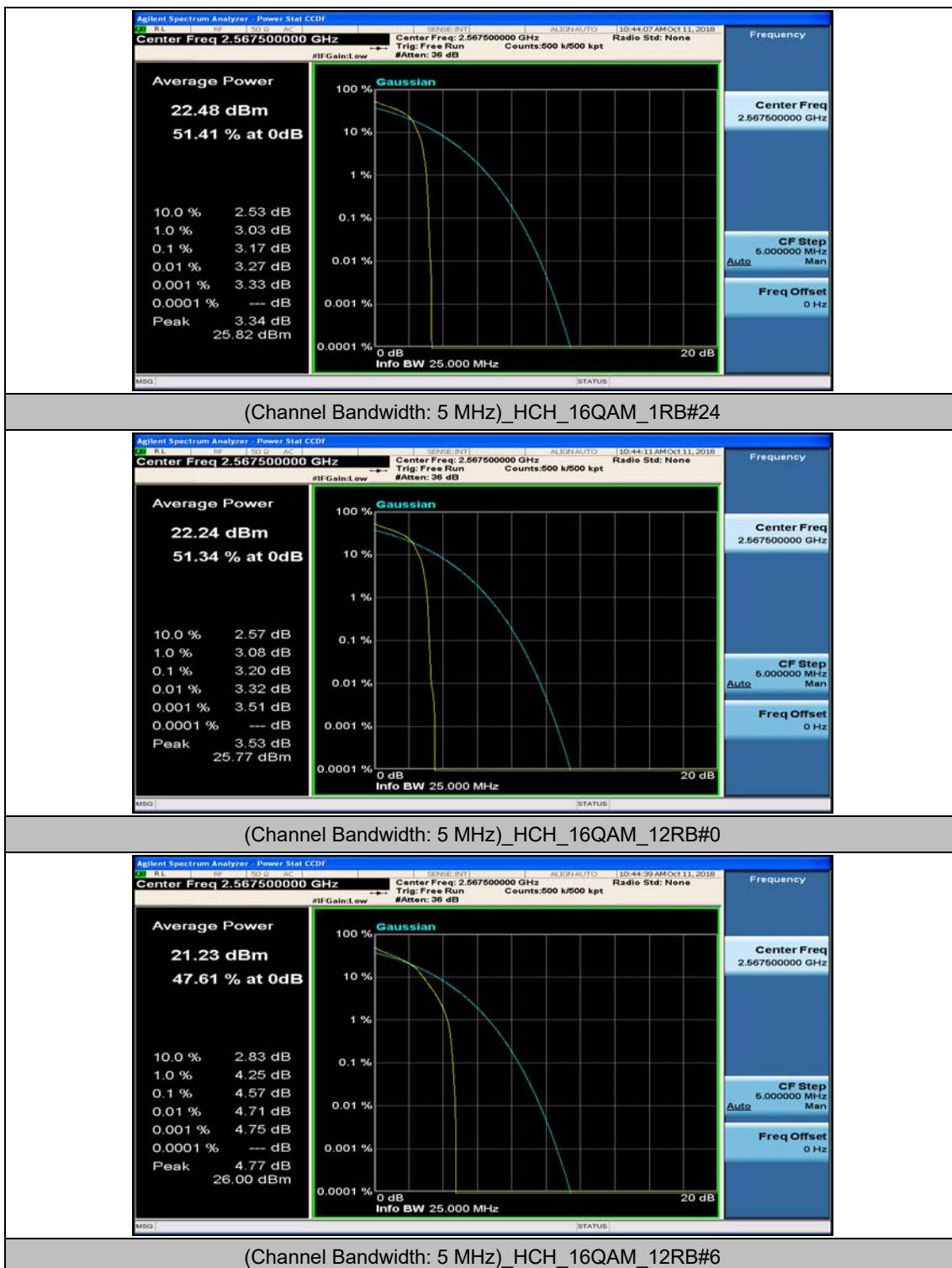


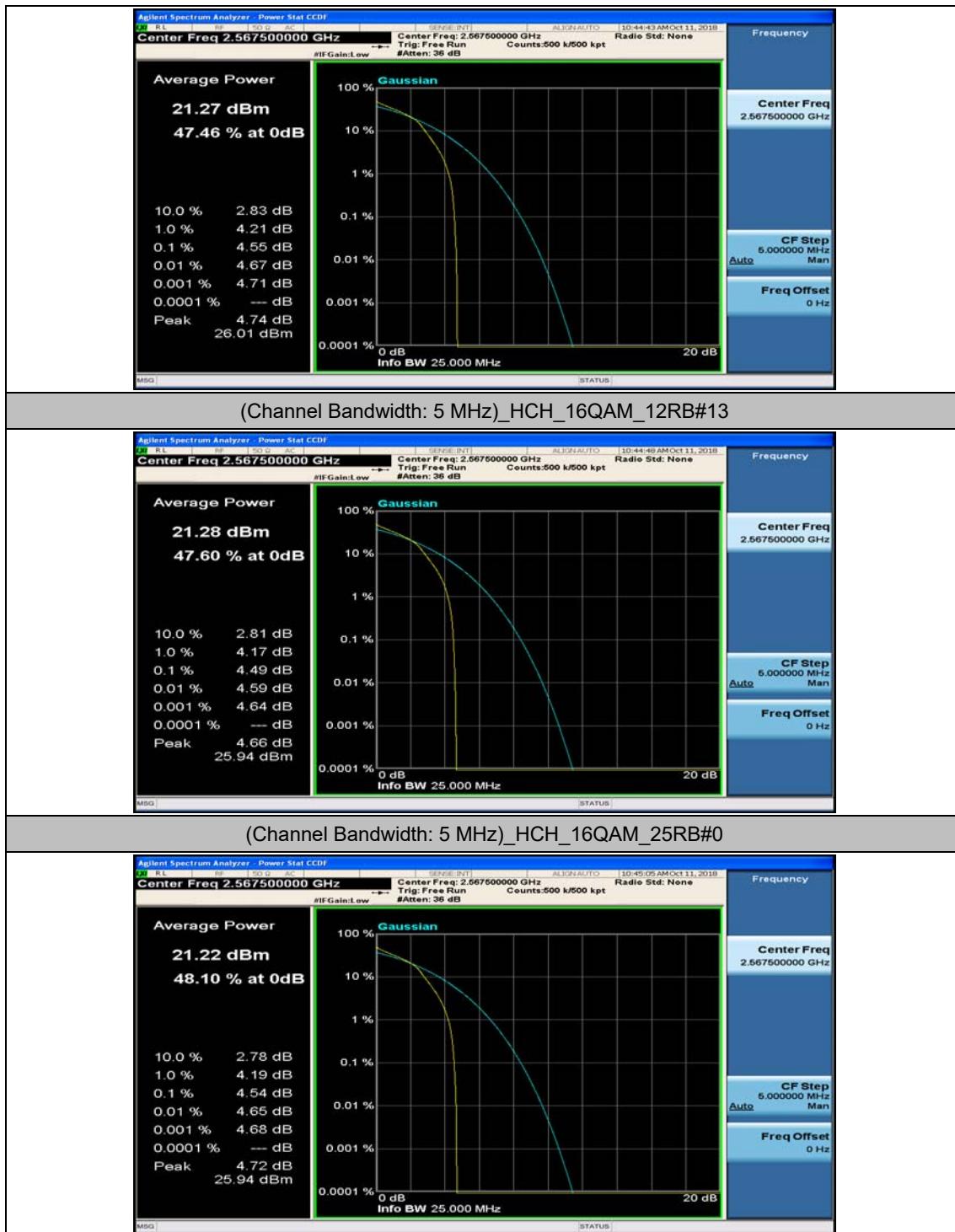


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

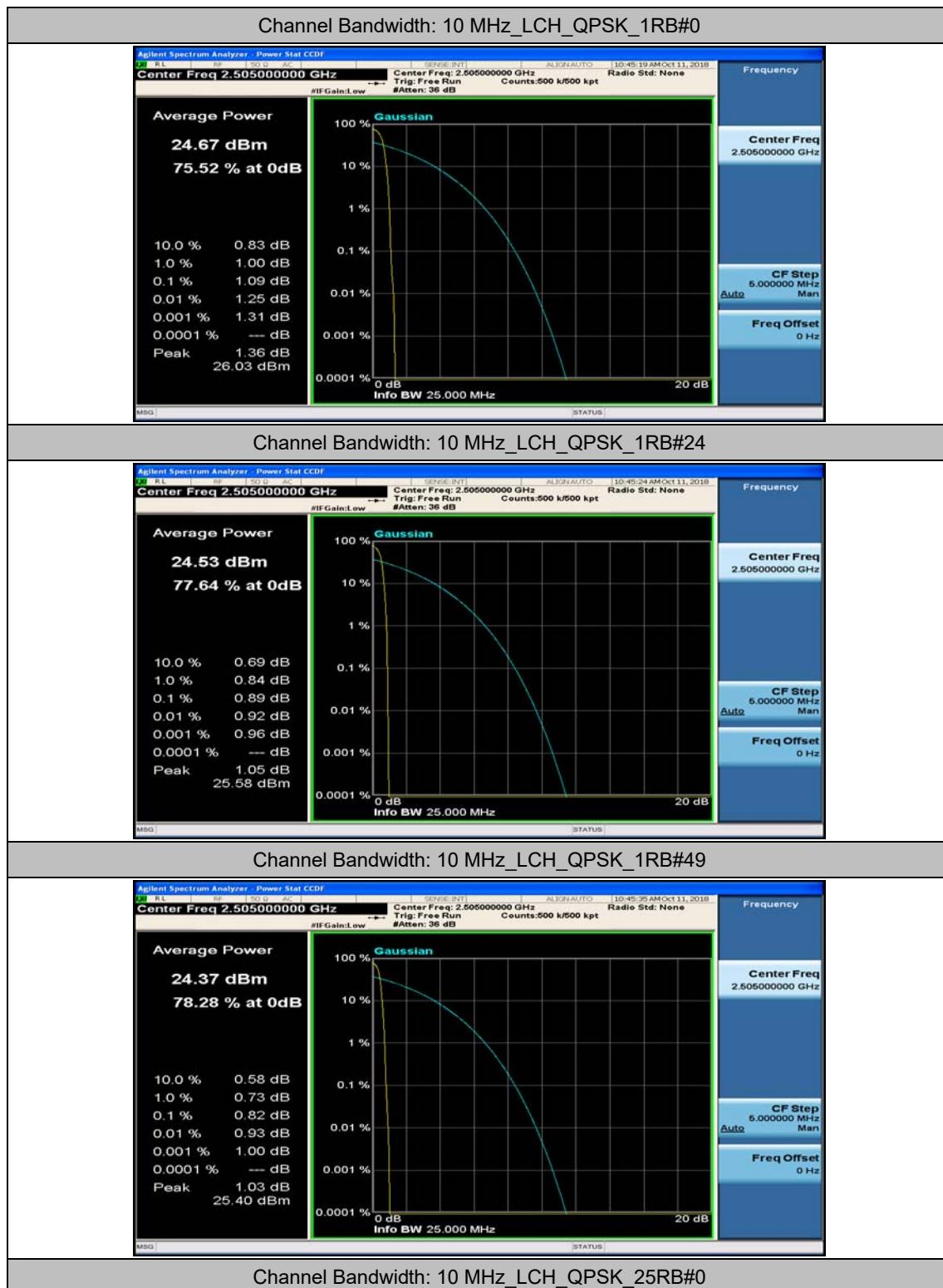


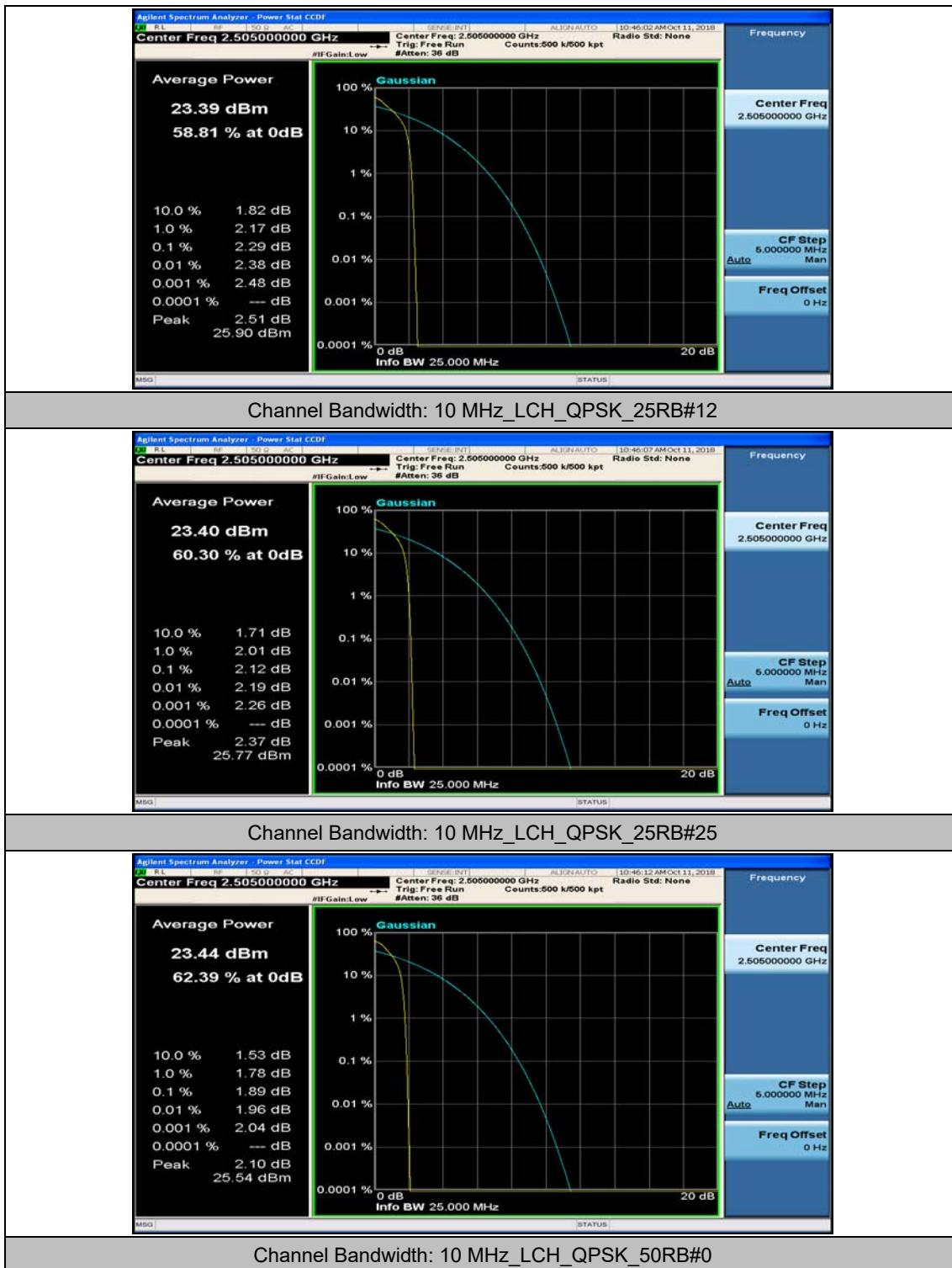


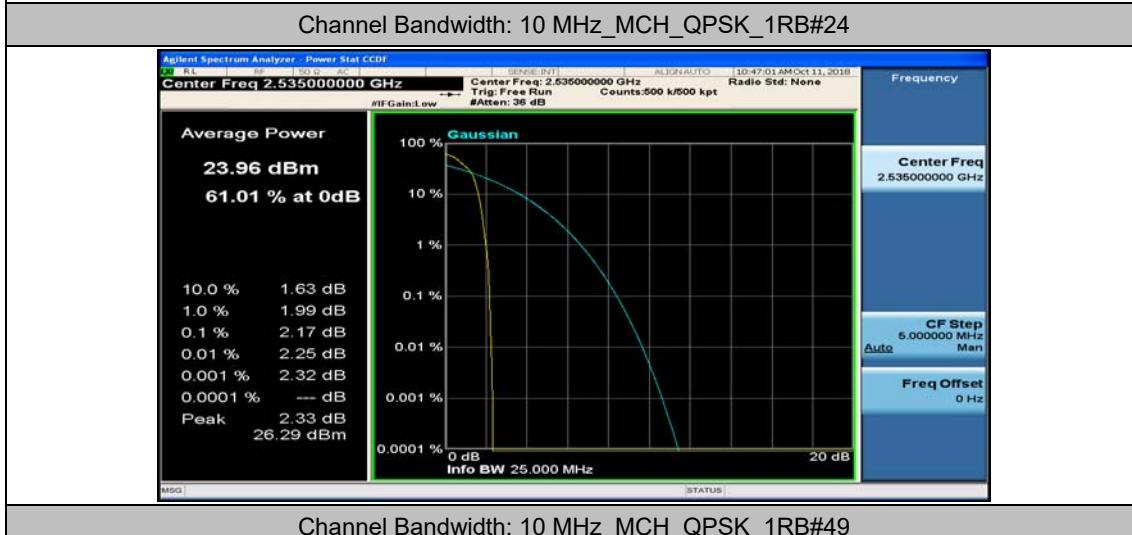
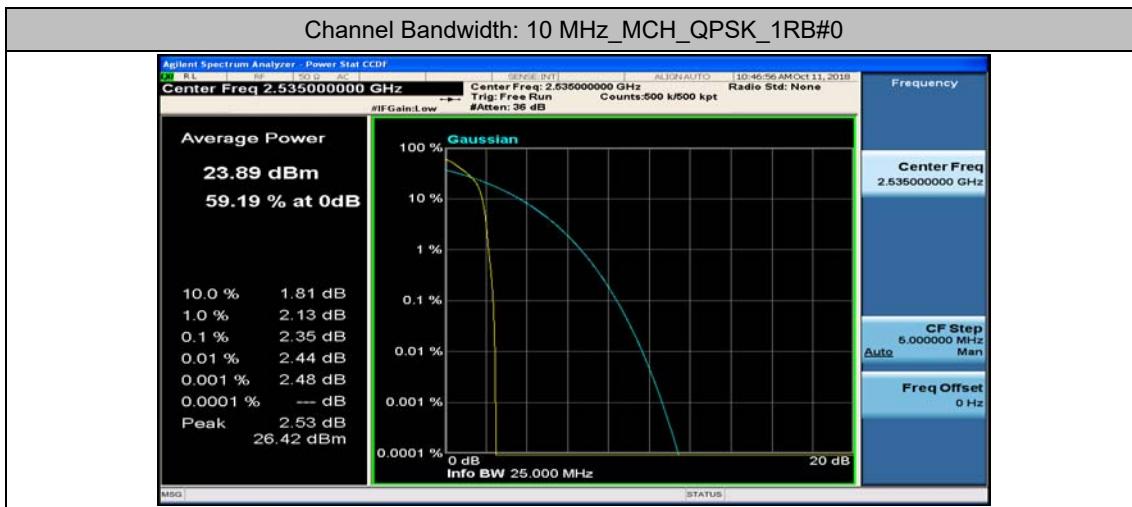
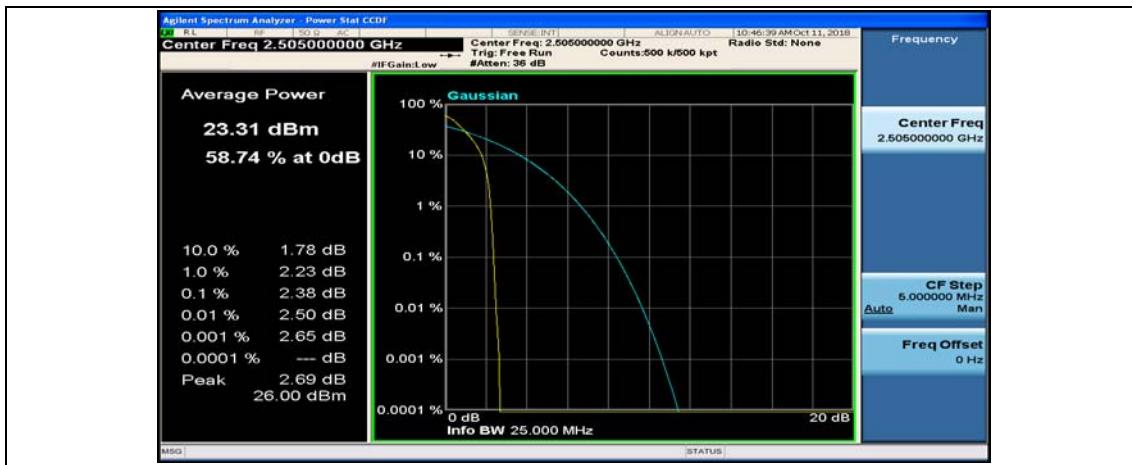




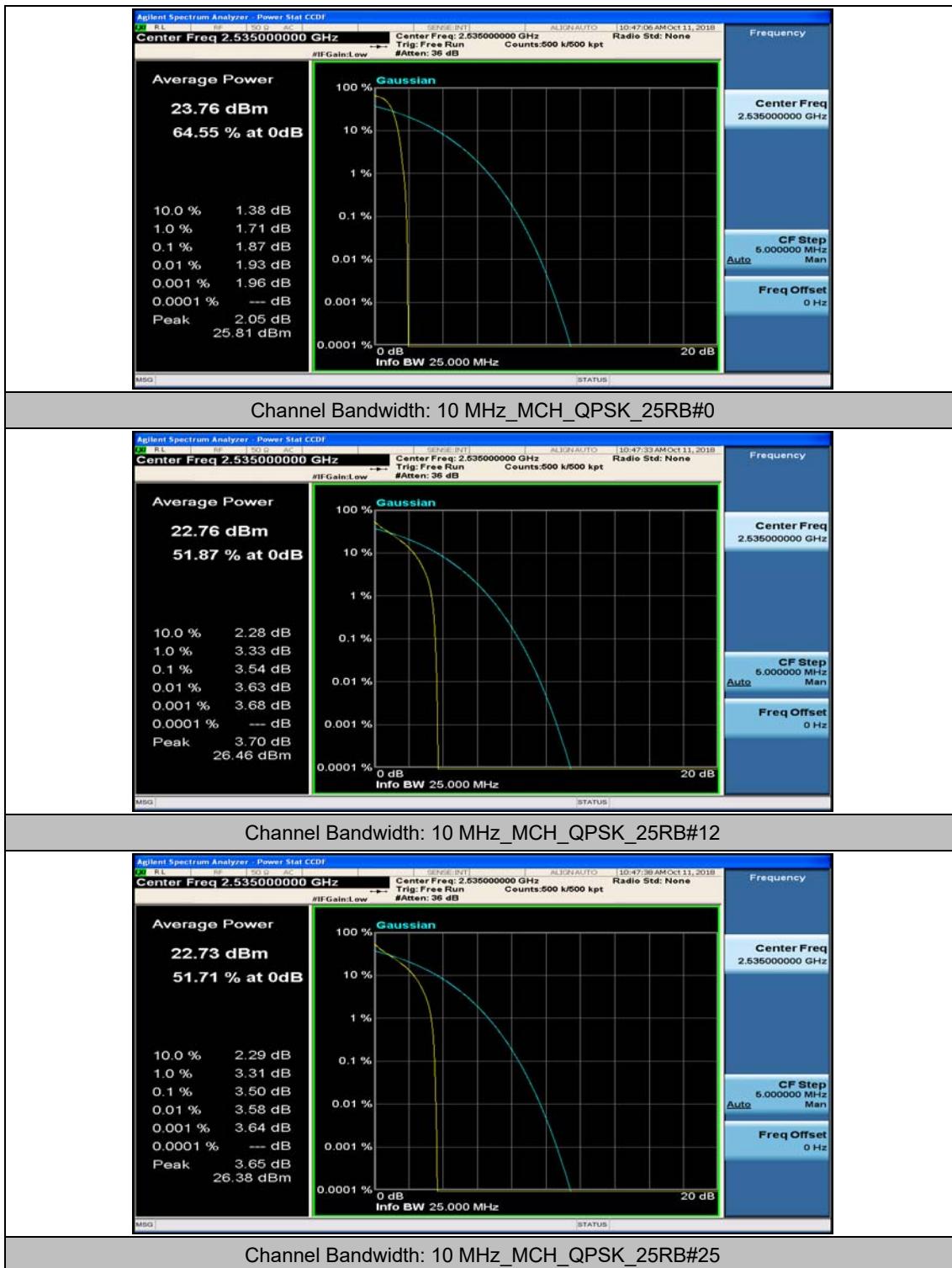
Channel Bandwidth: 10 MHz

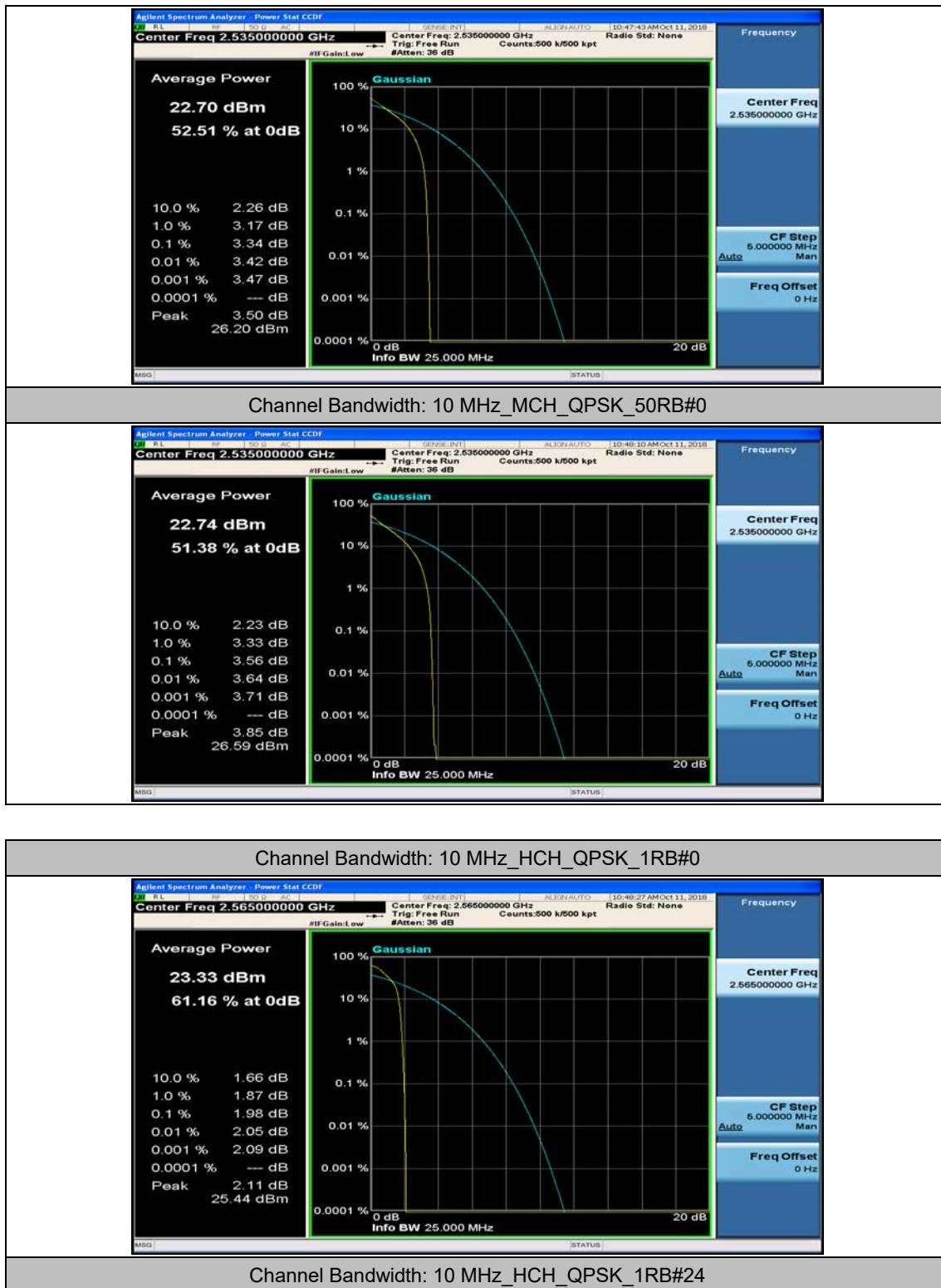


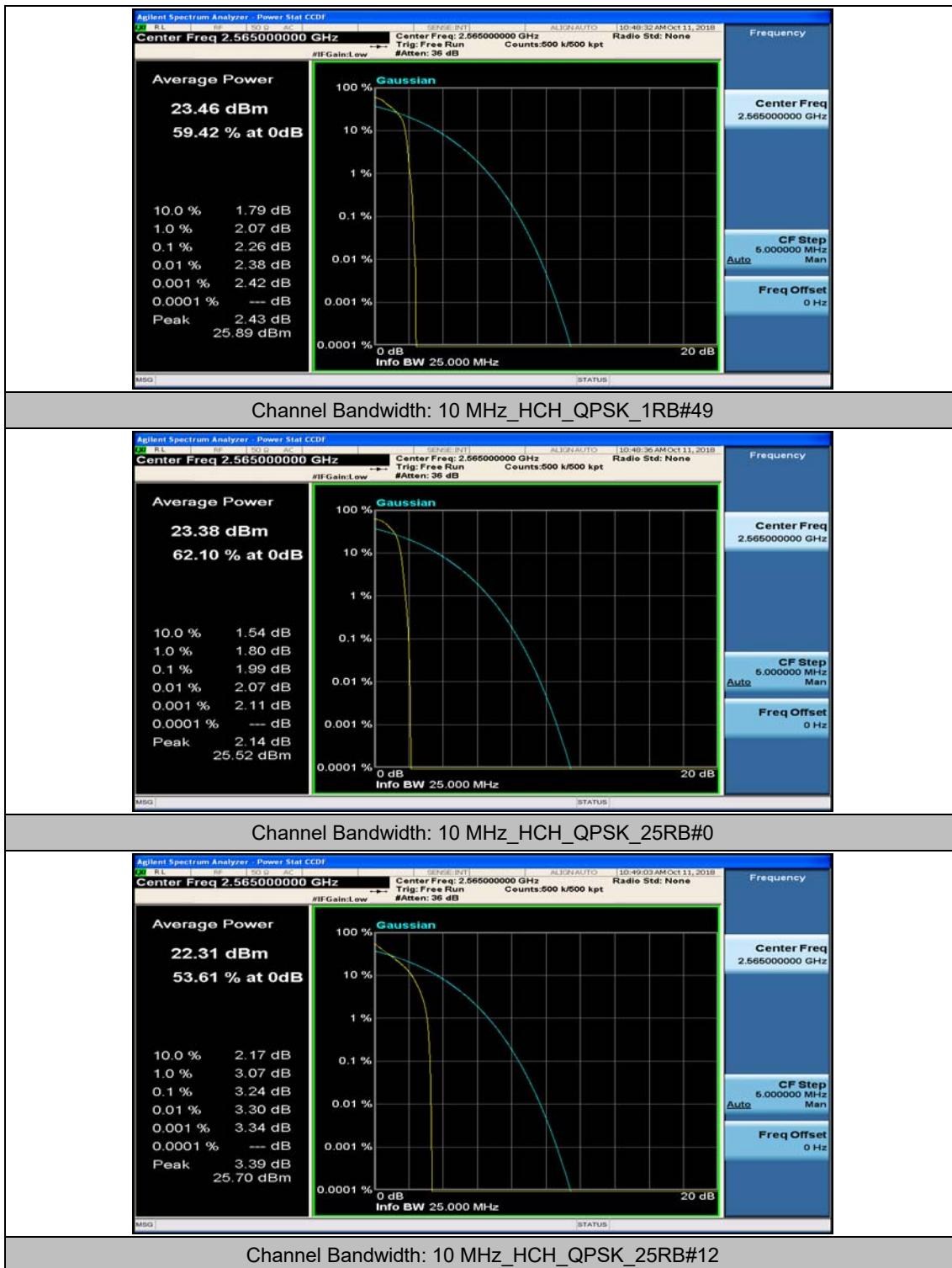


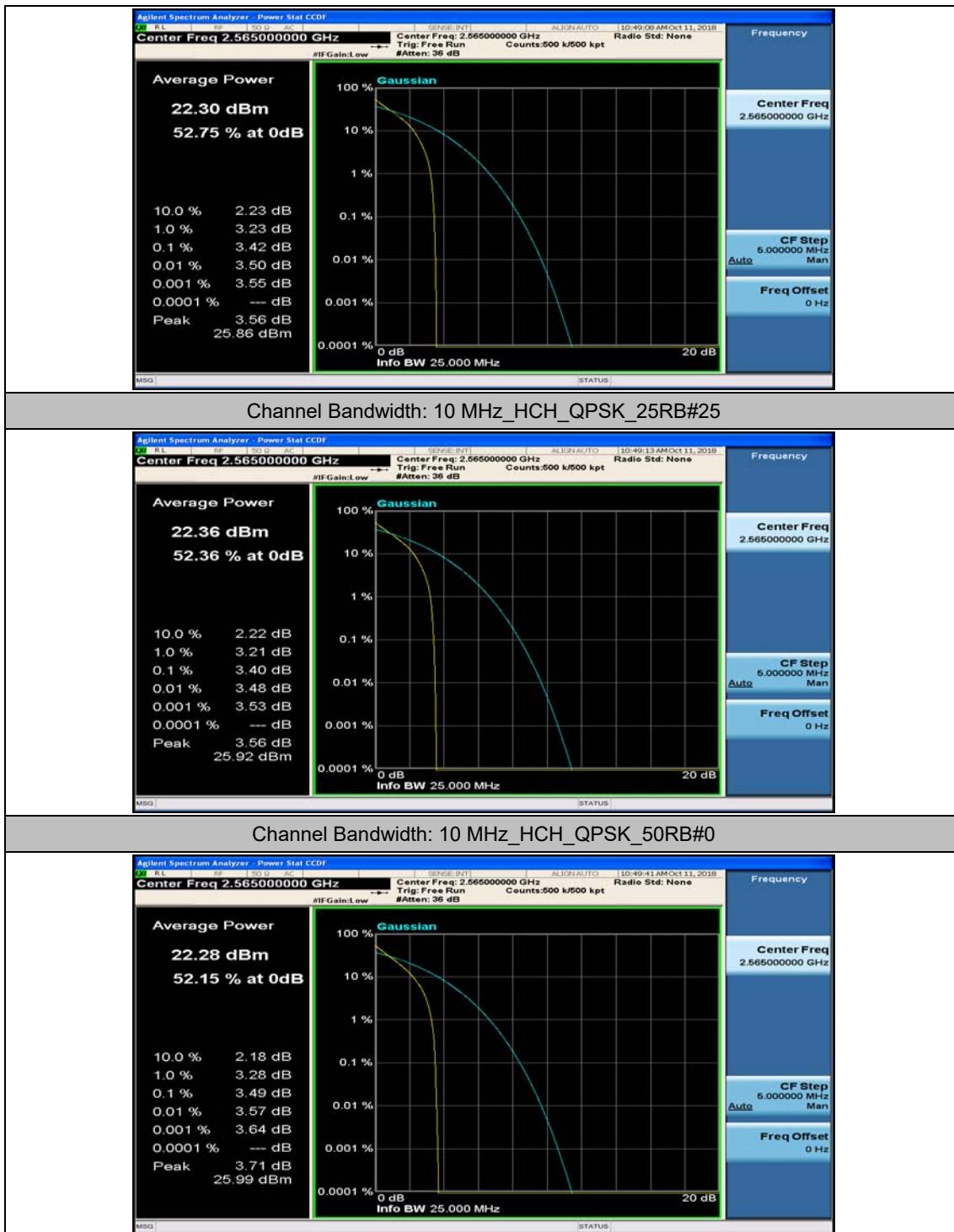


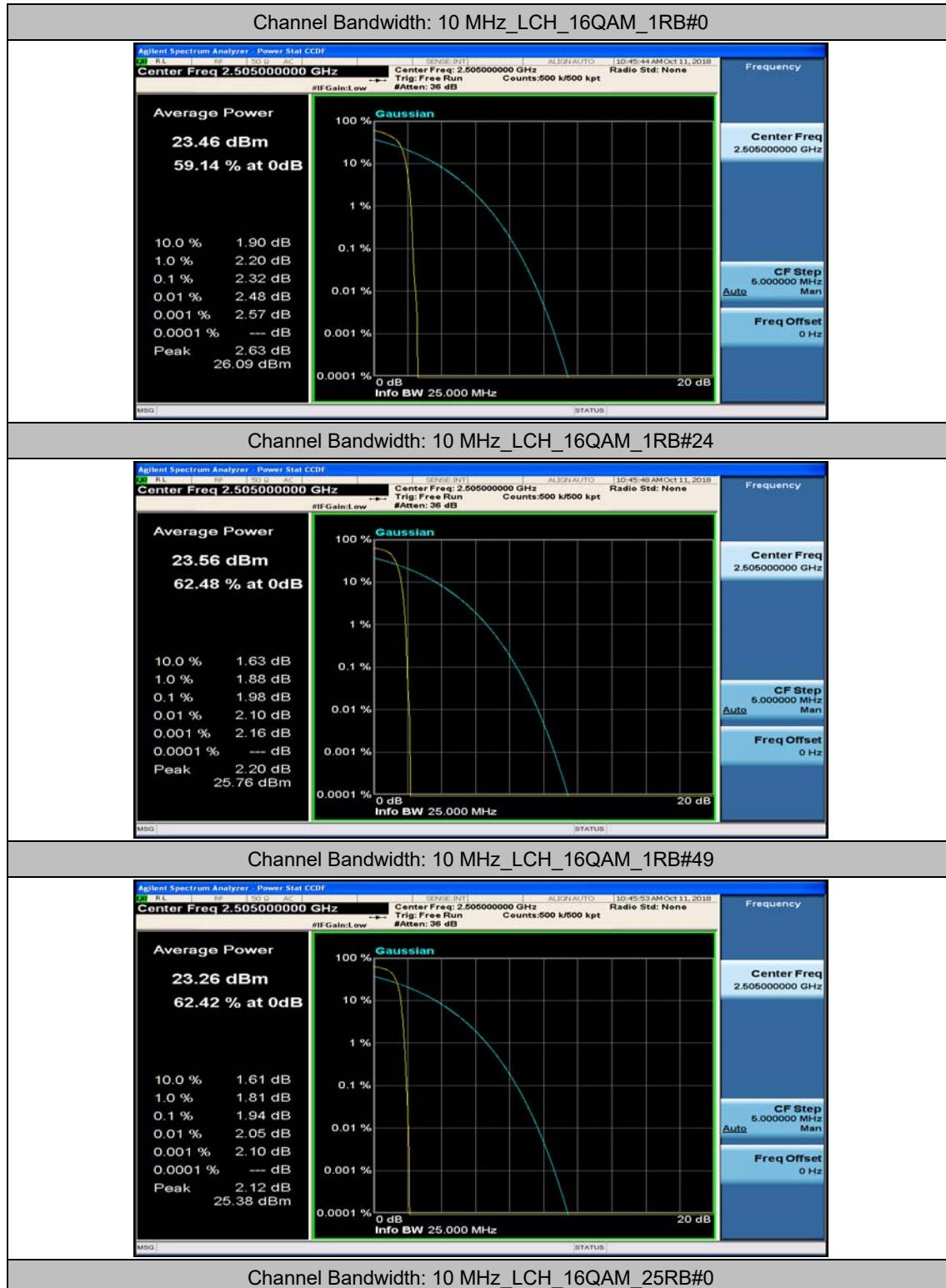
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

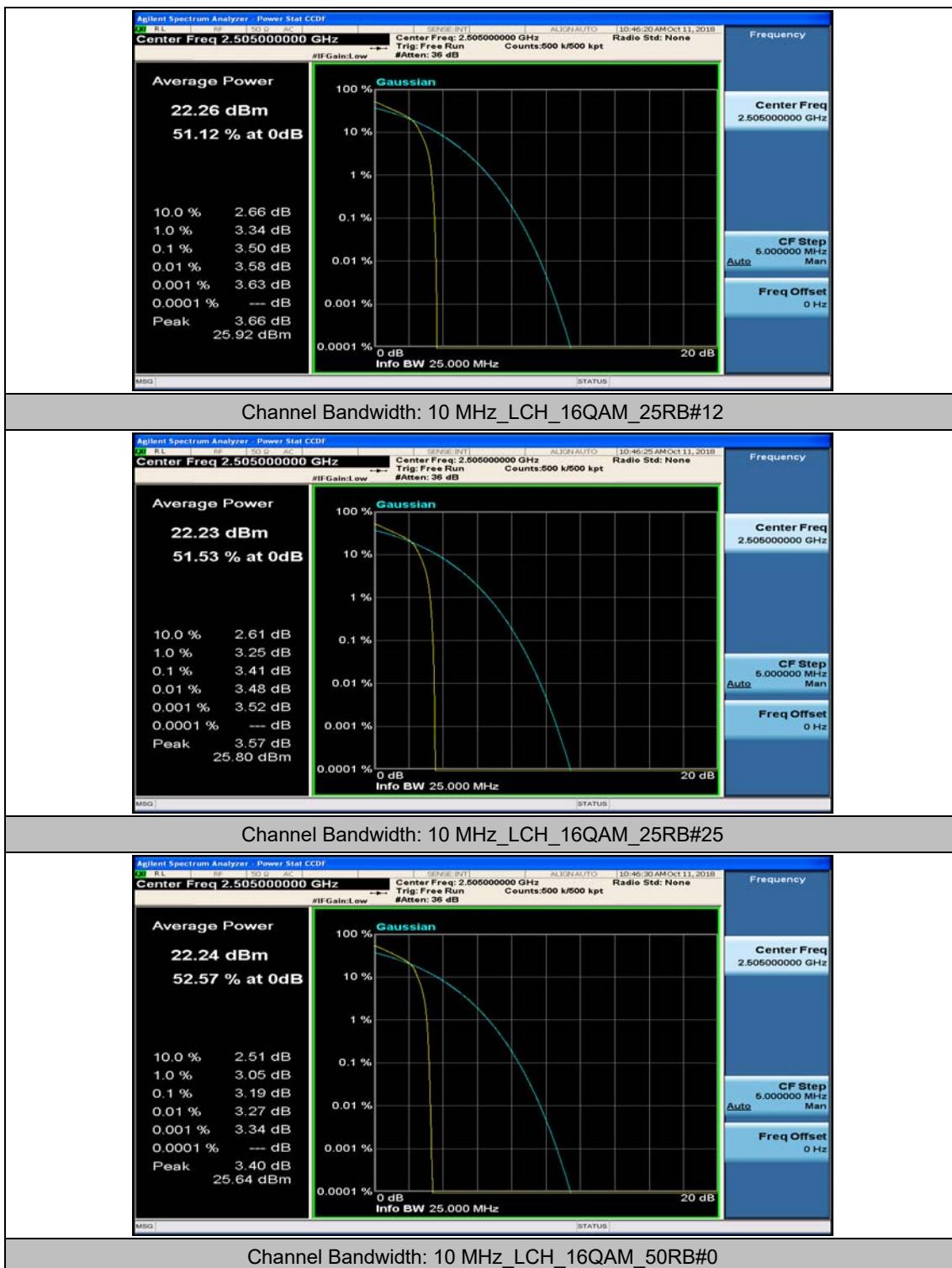


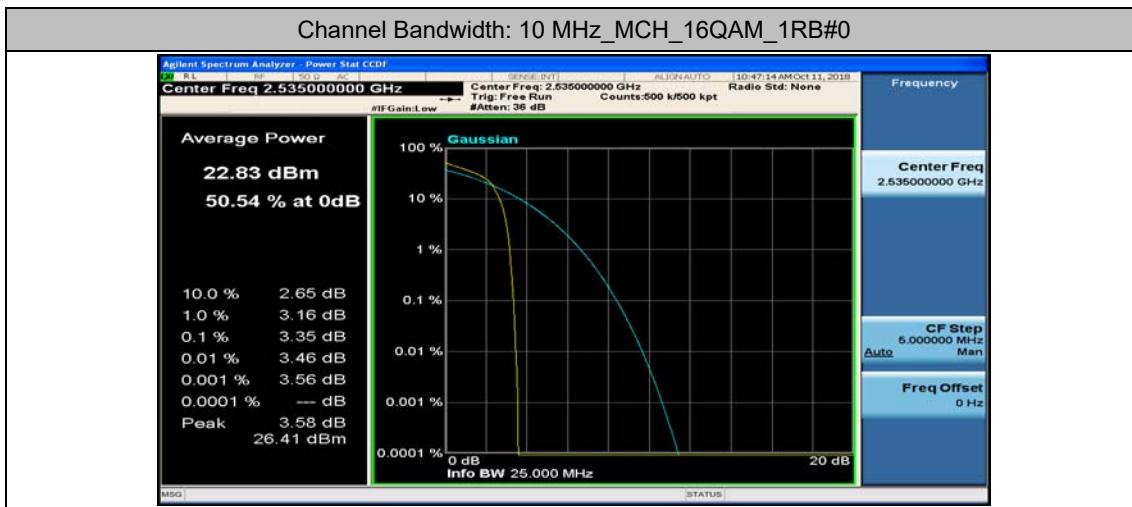
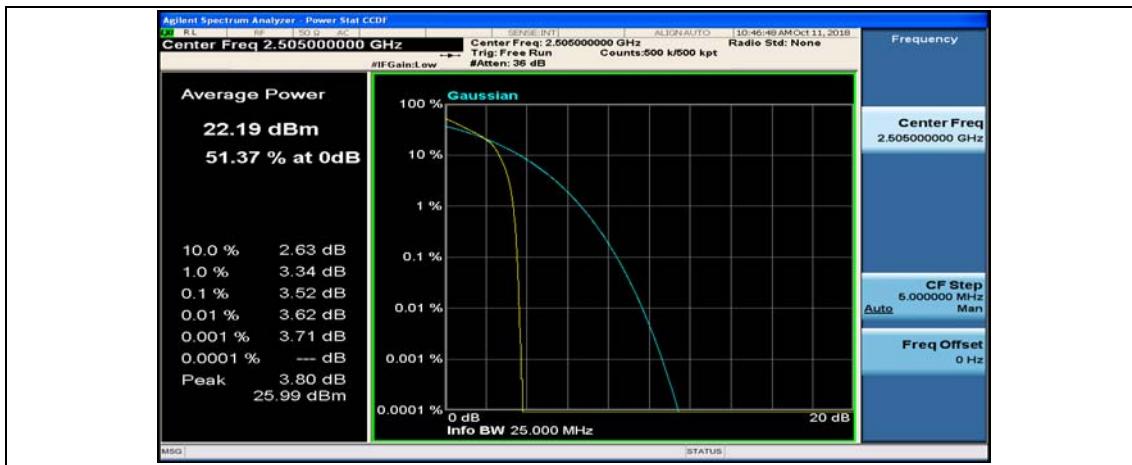




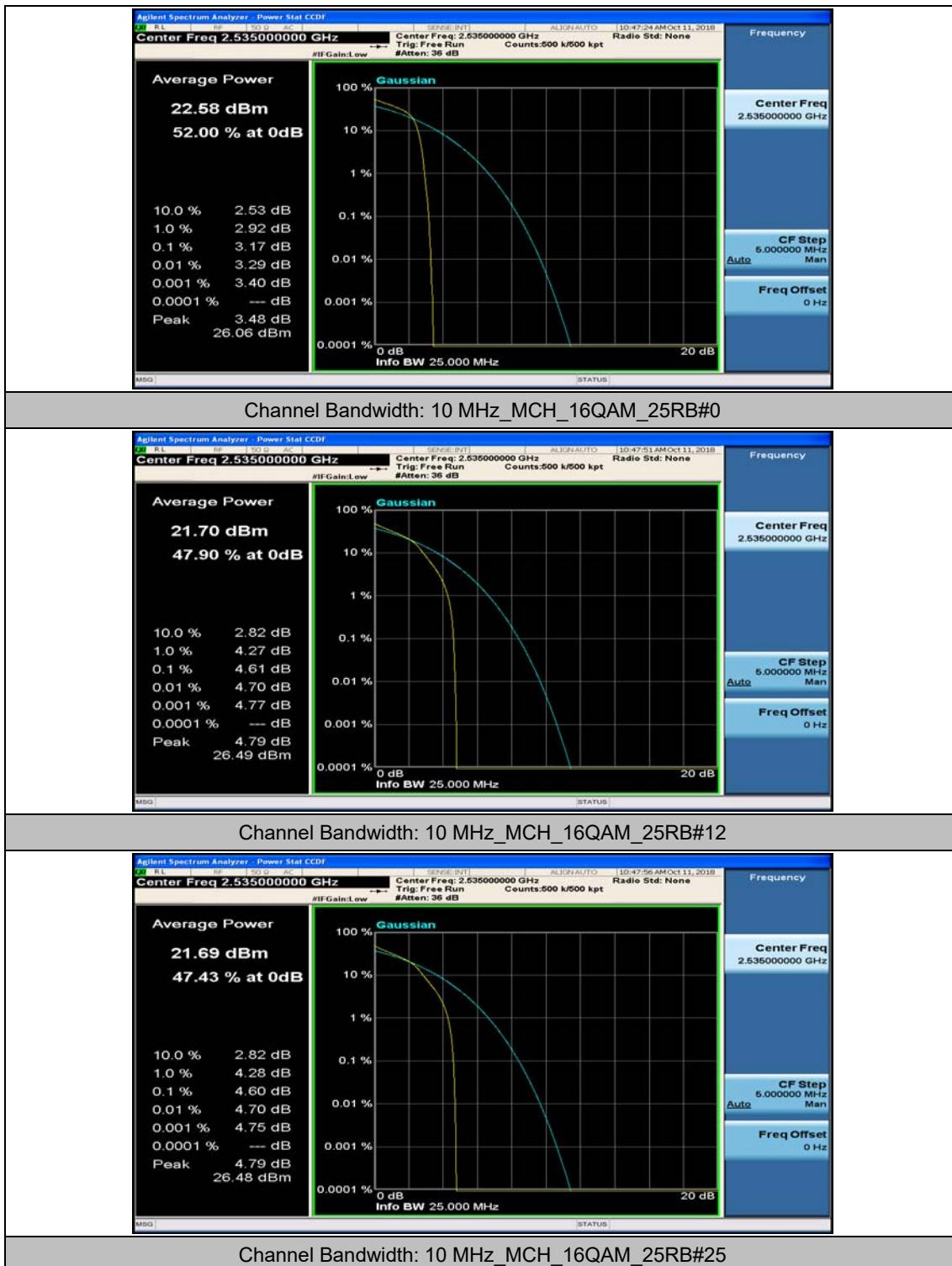


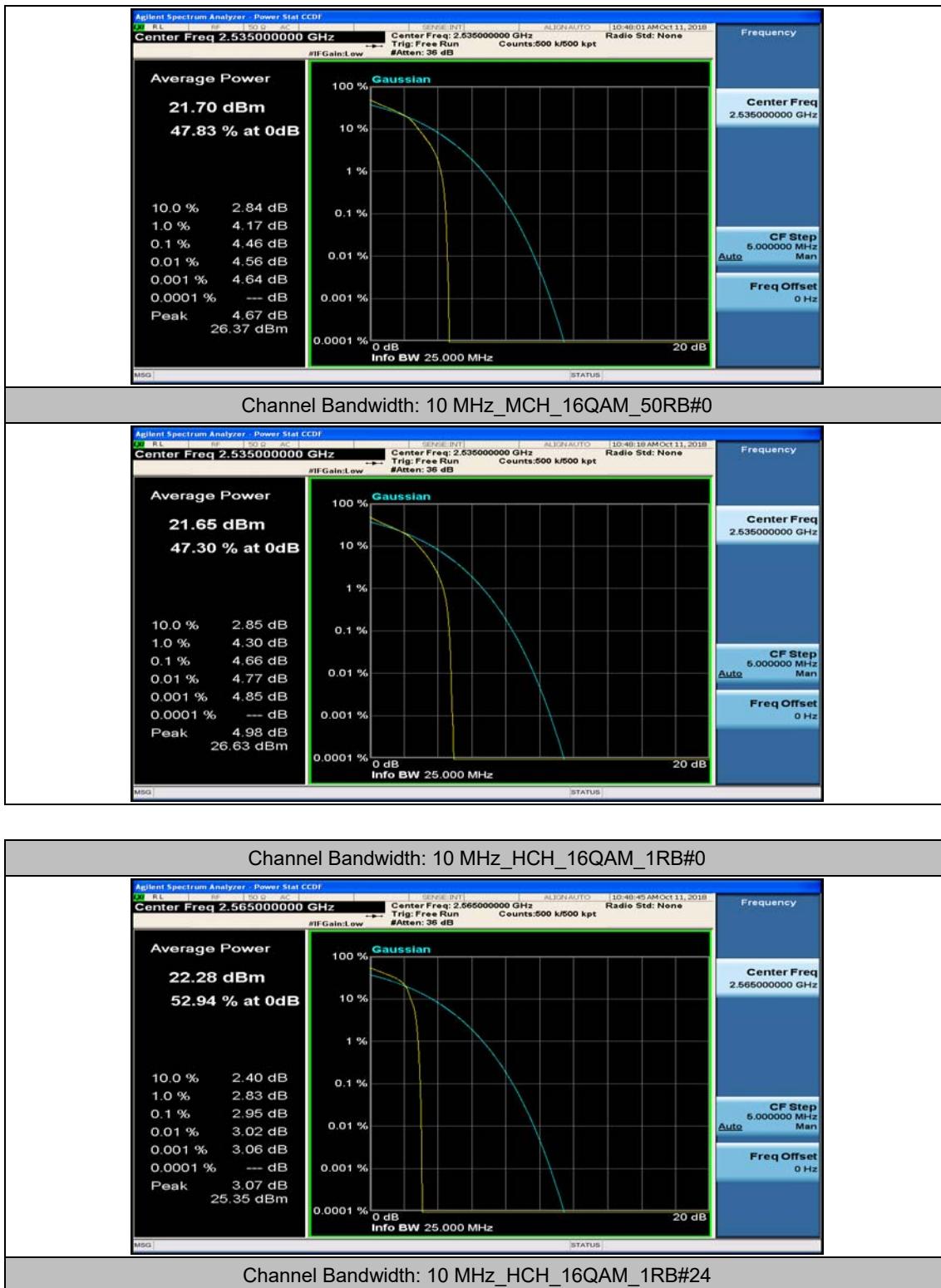


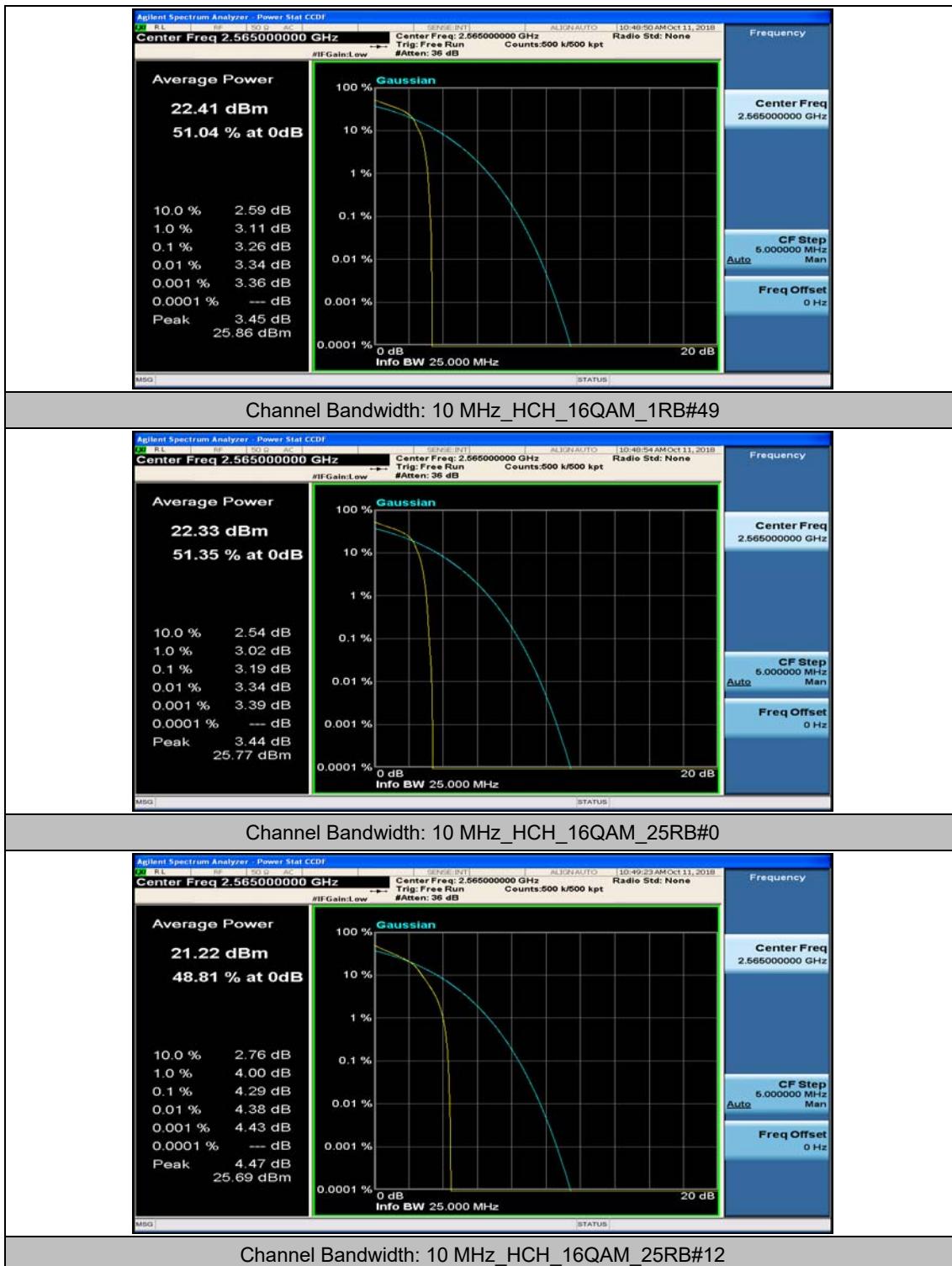


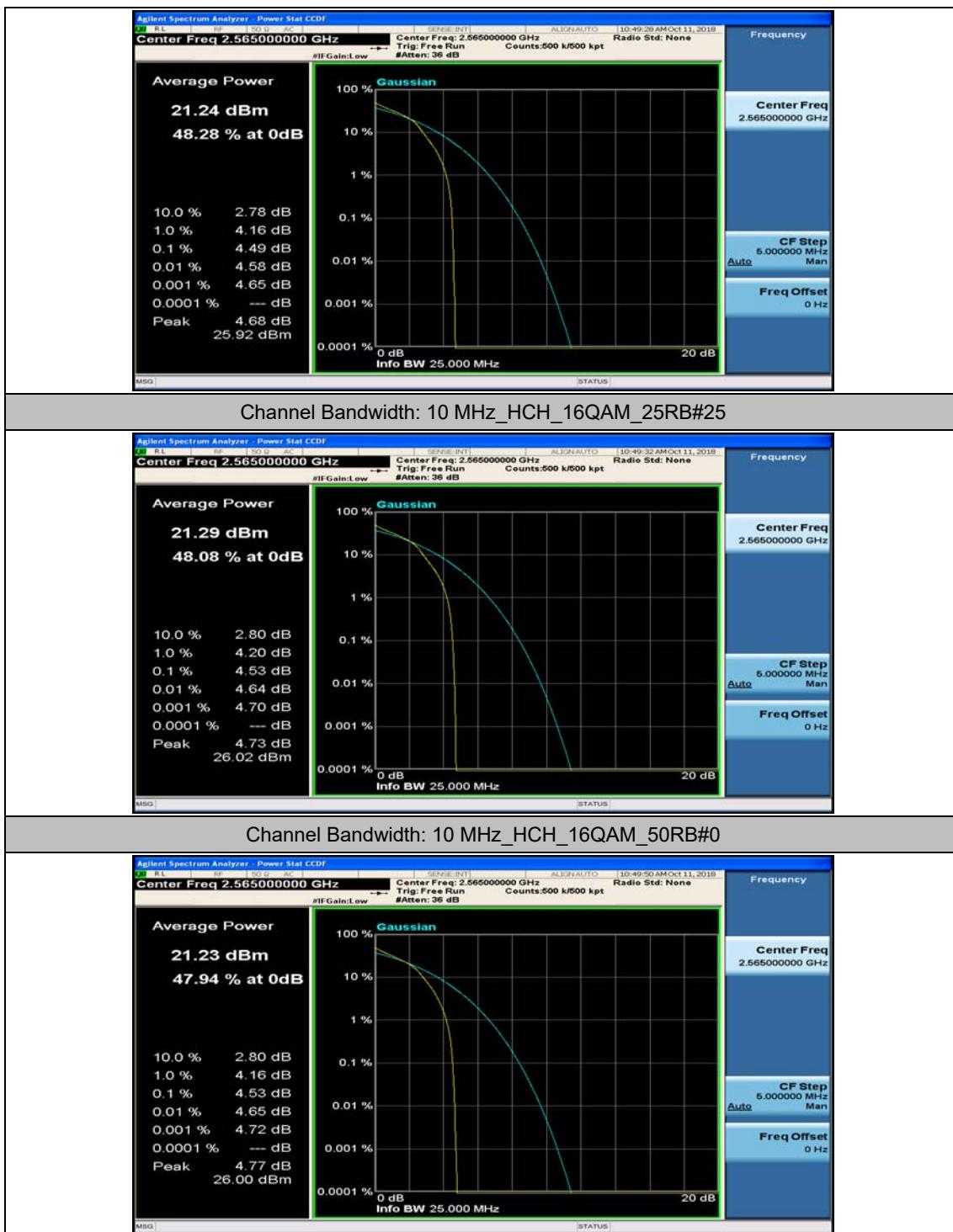


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

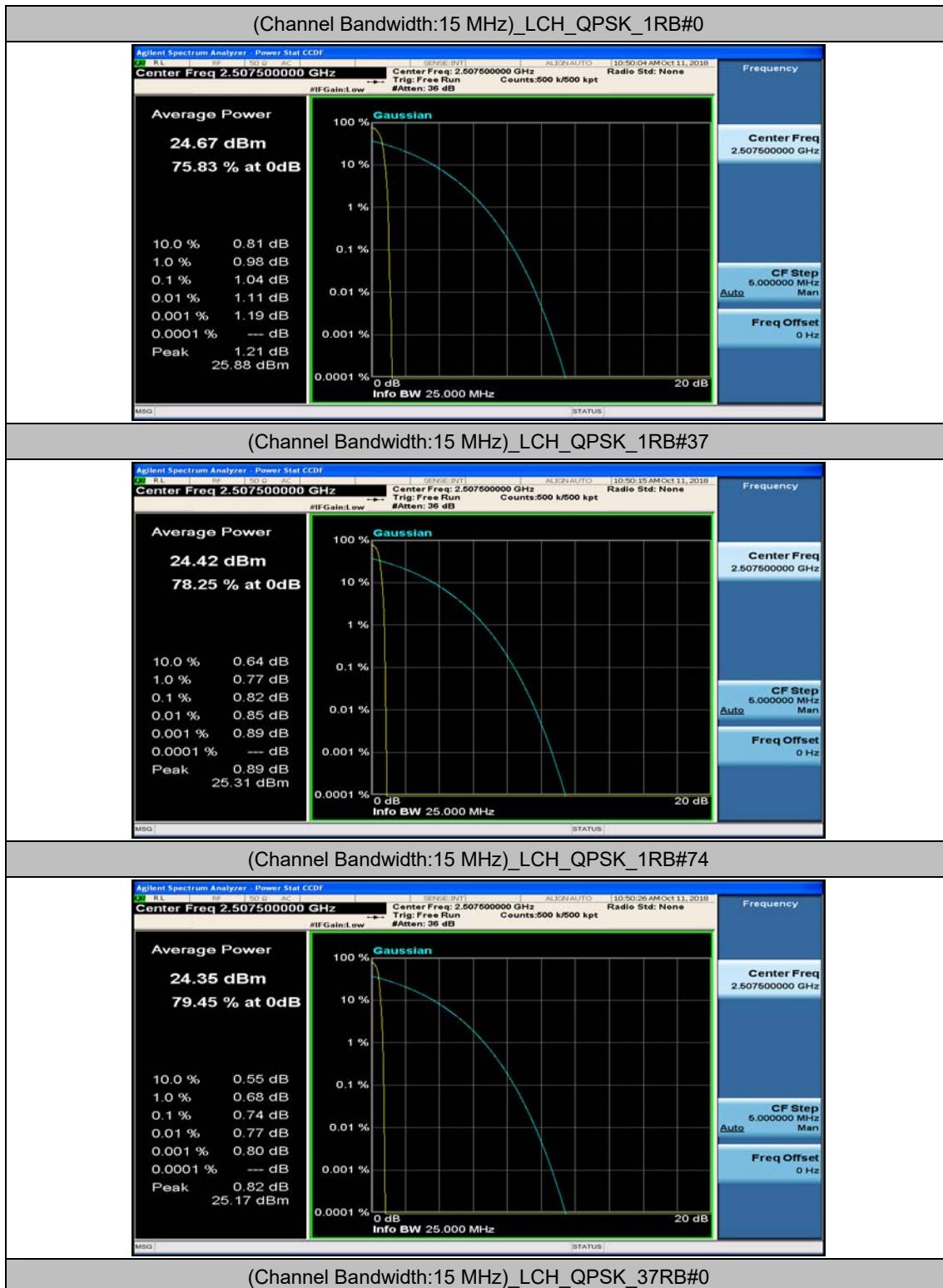


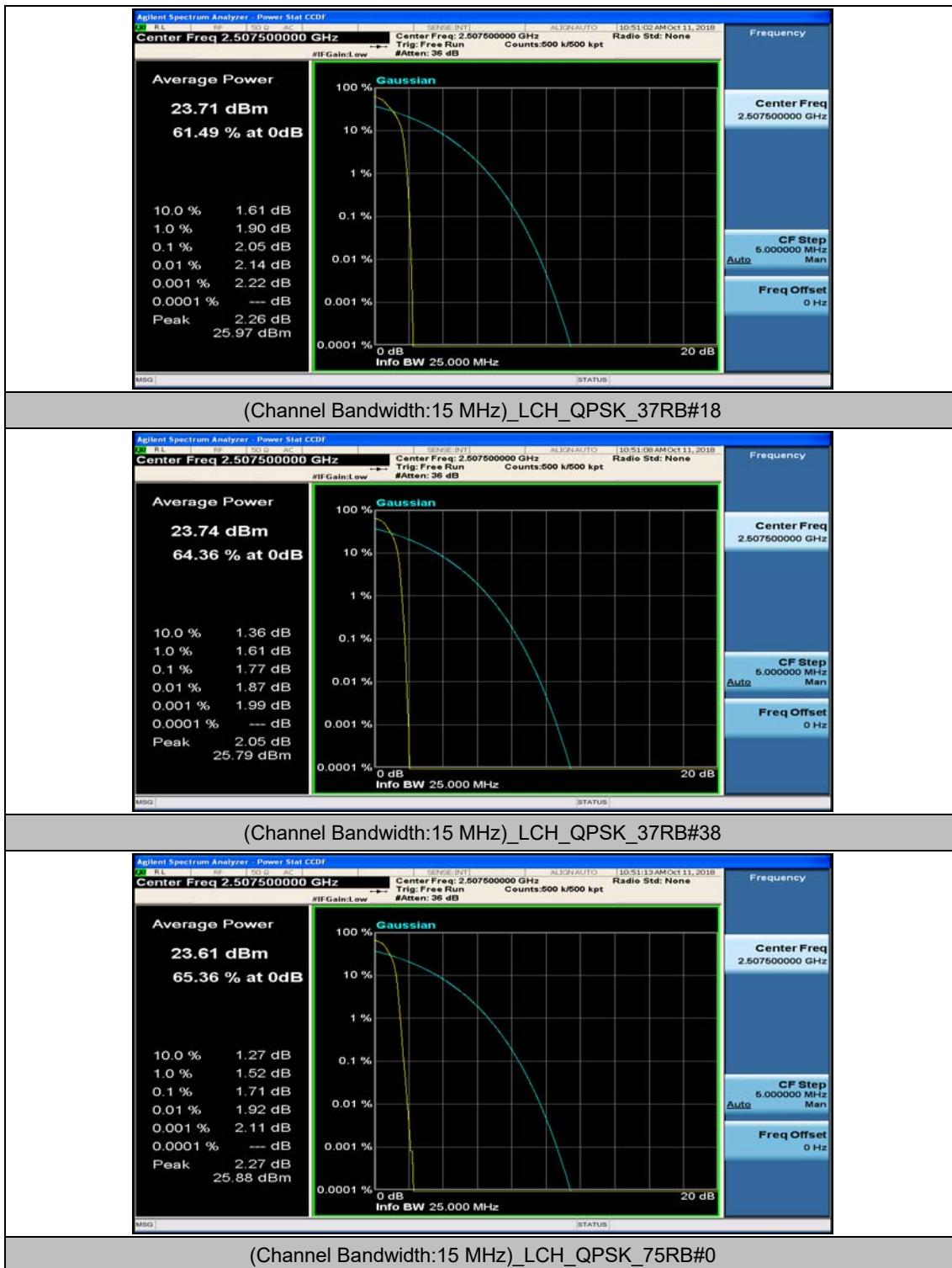


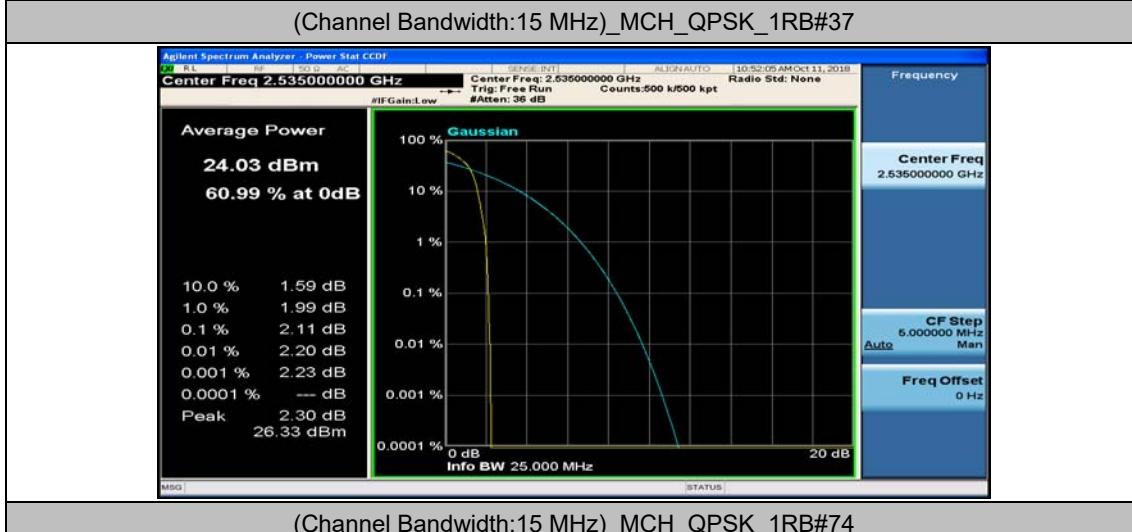
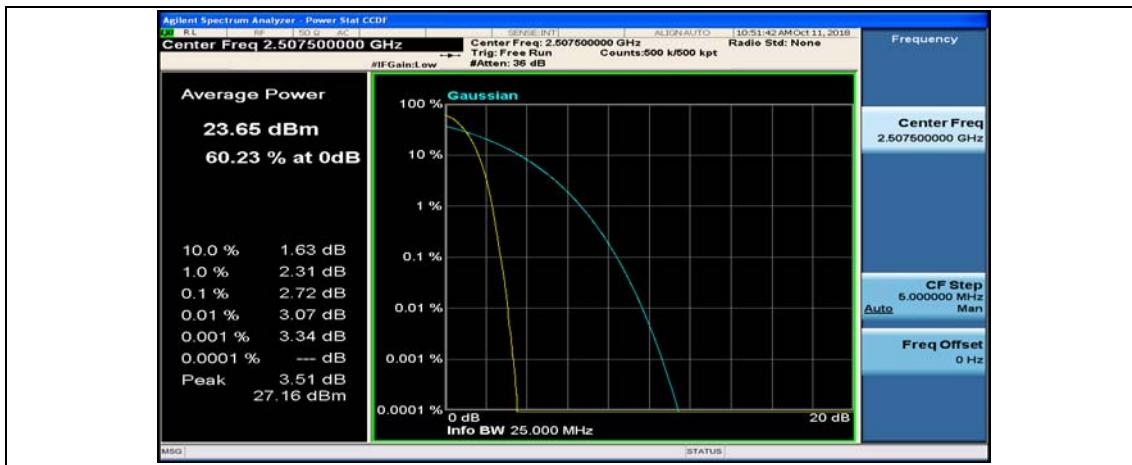




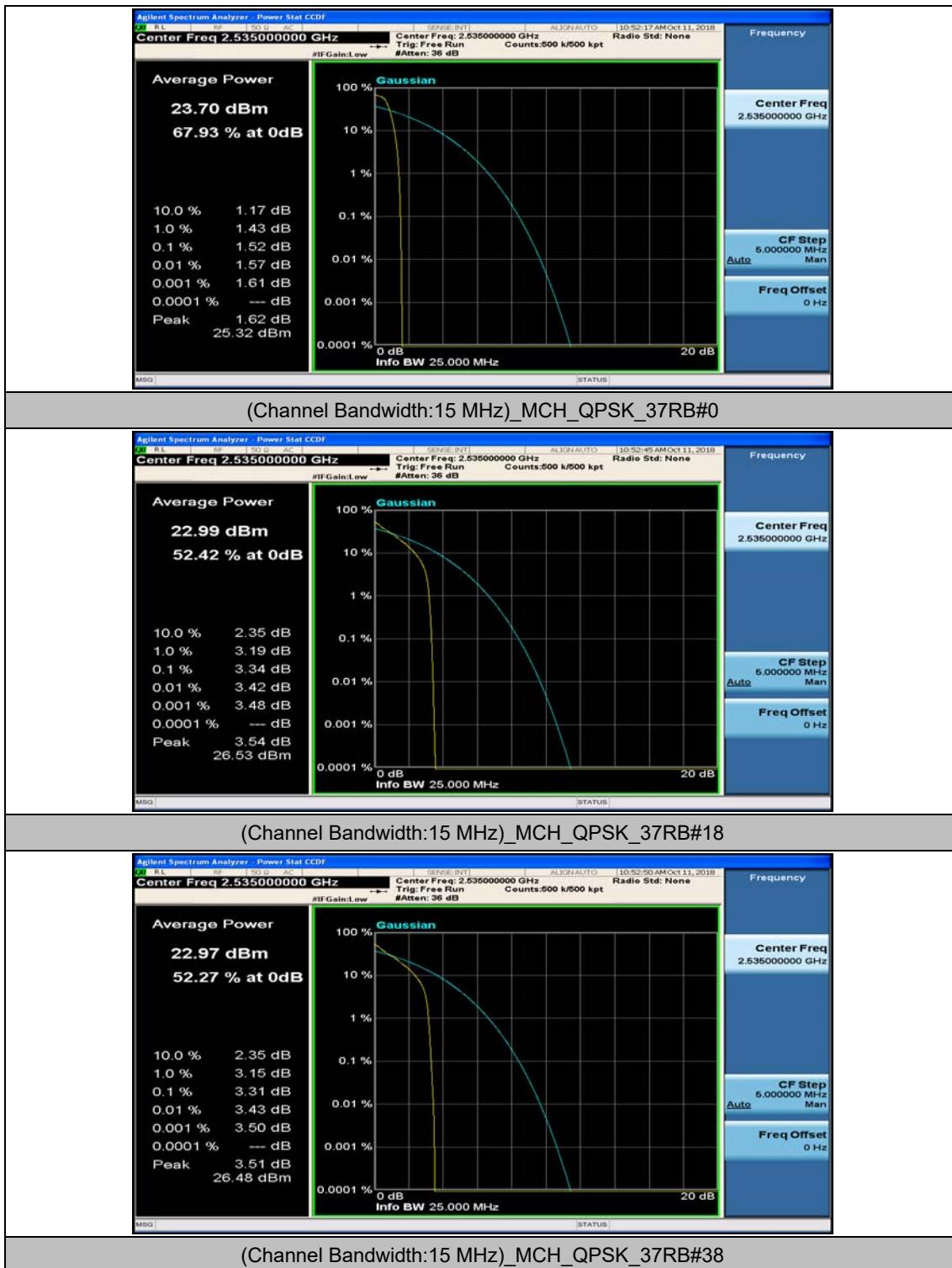
Channel Bandwidth: 15 MHz

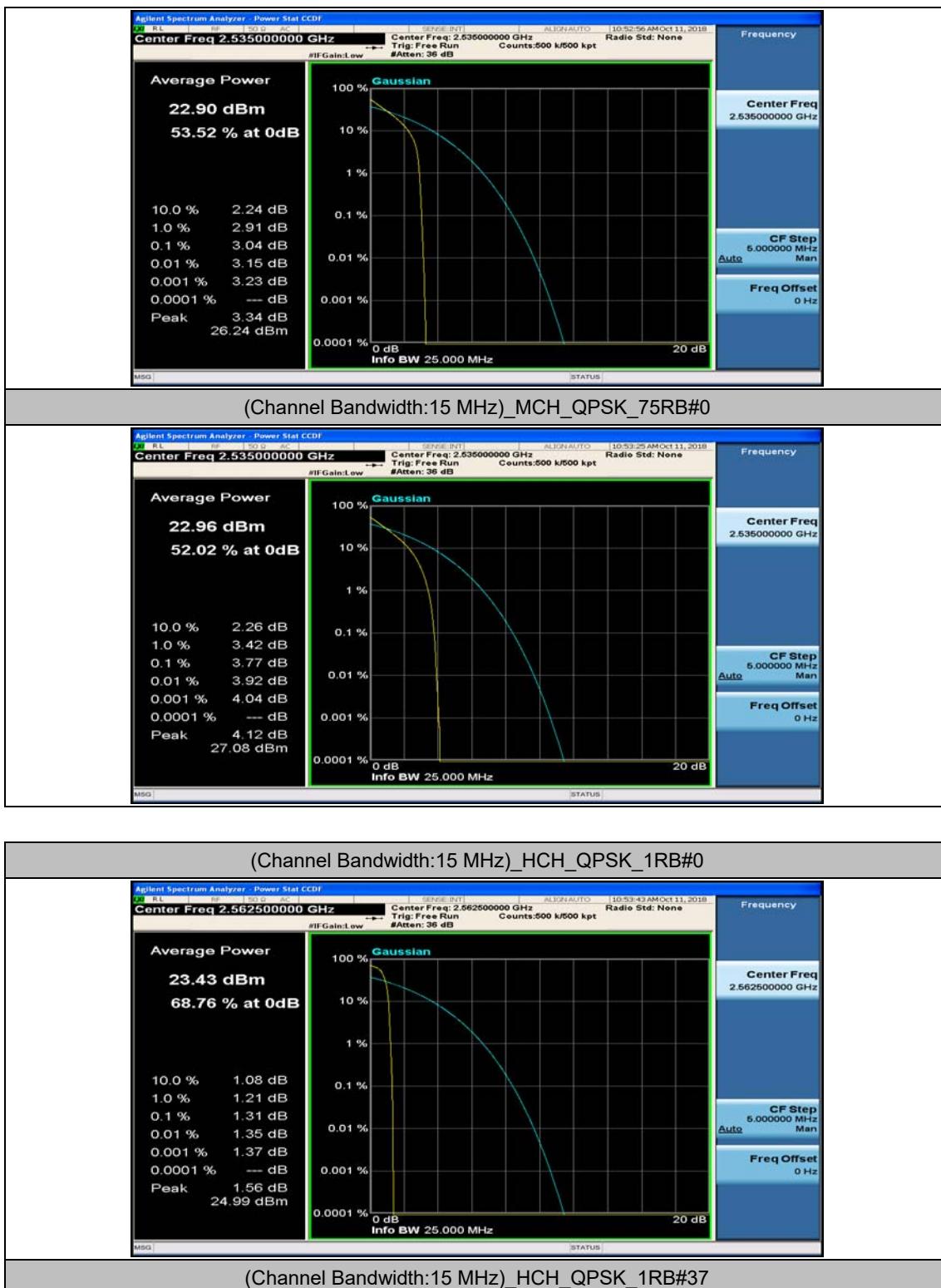


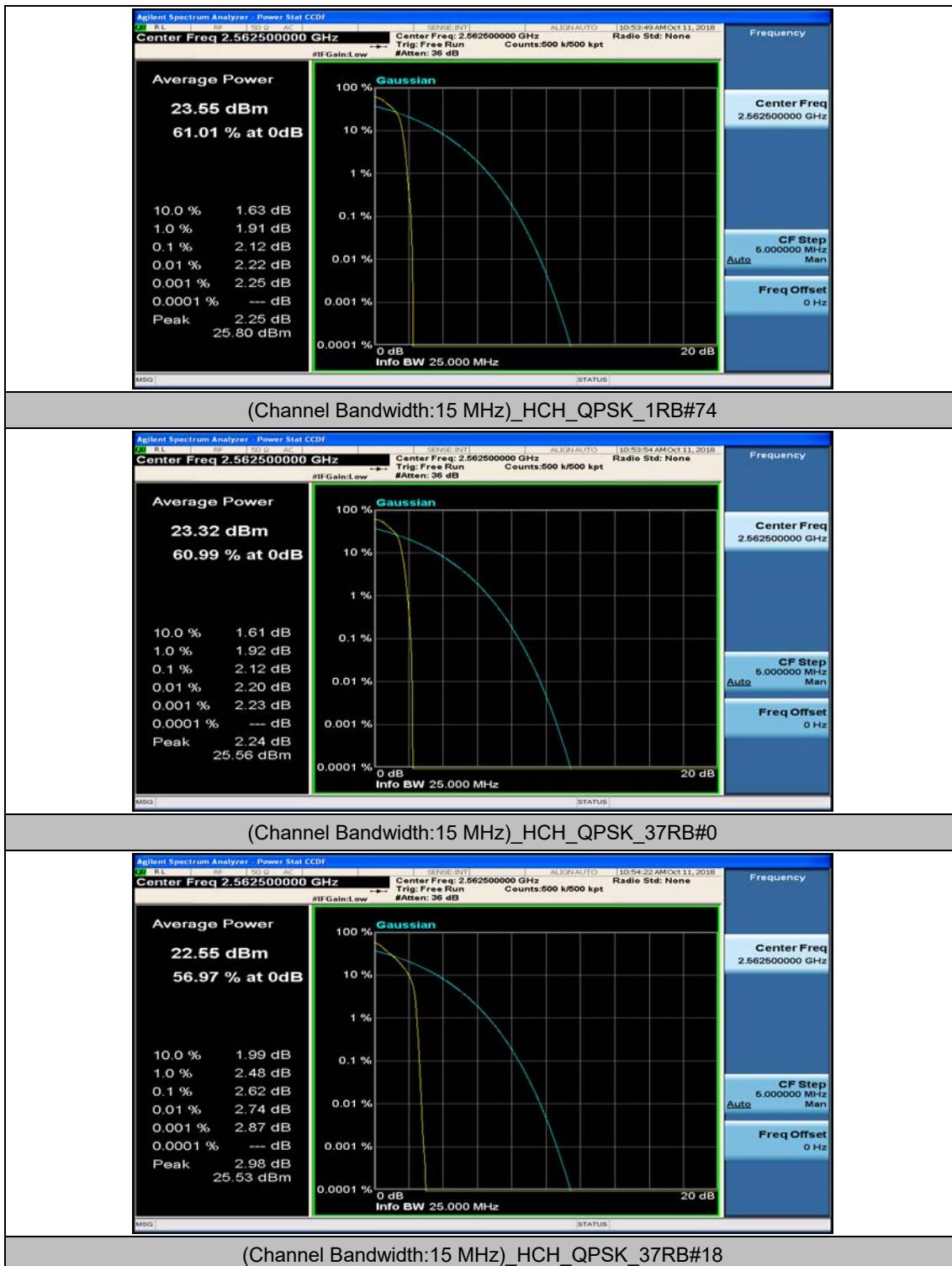


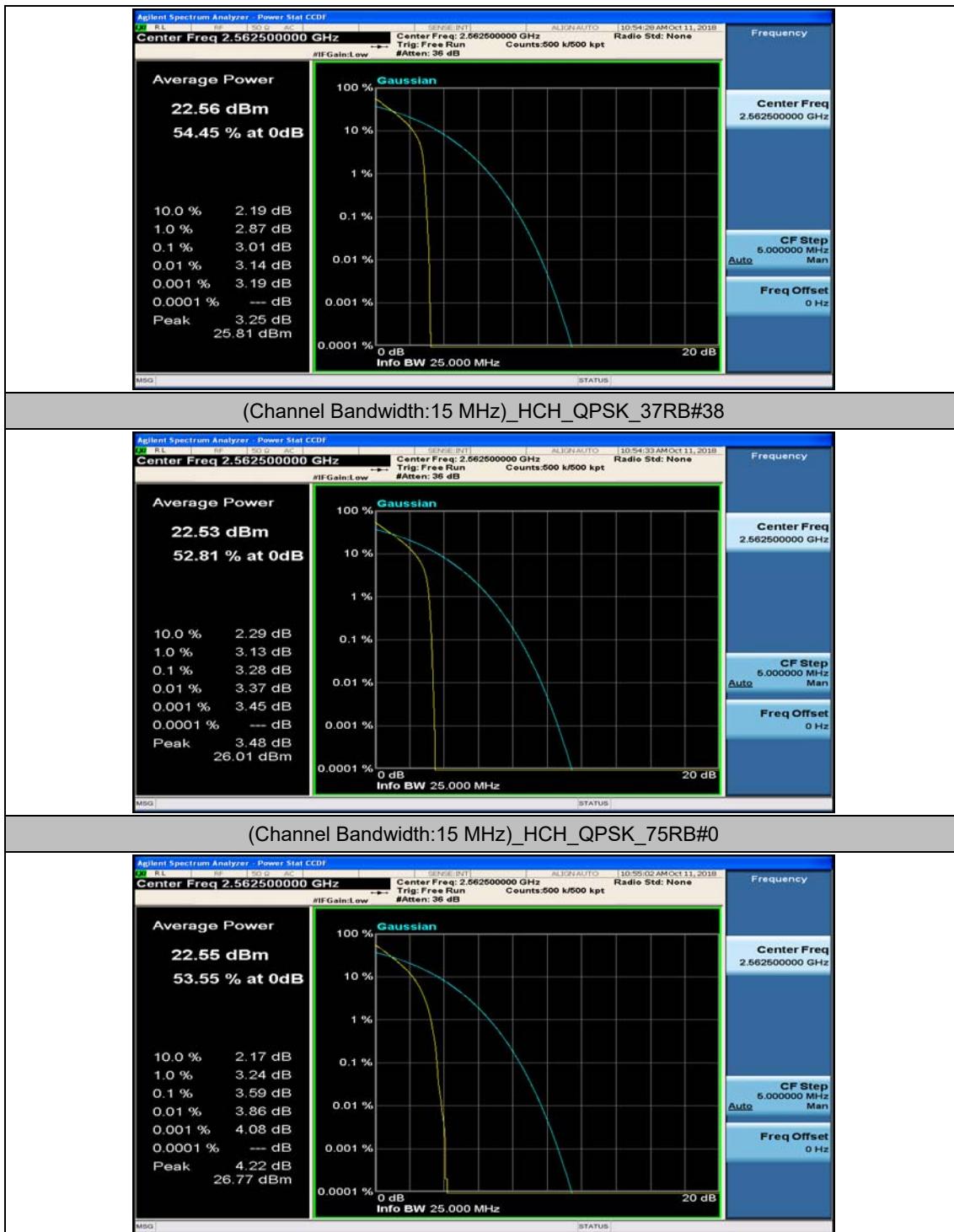


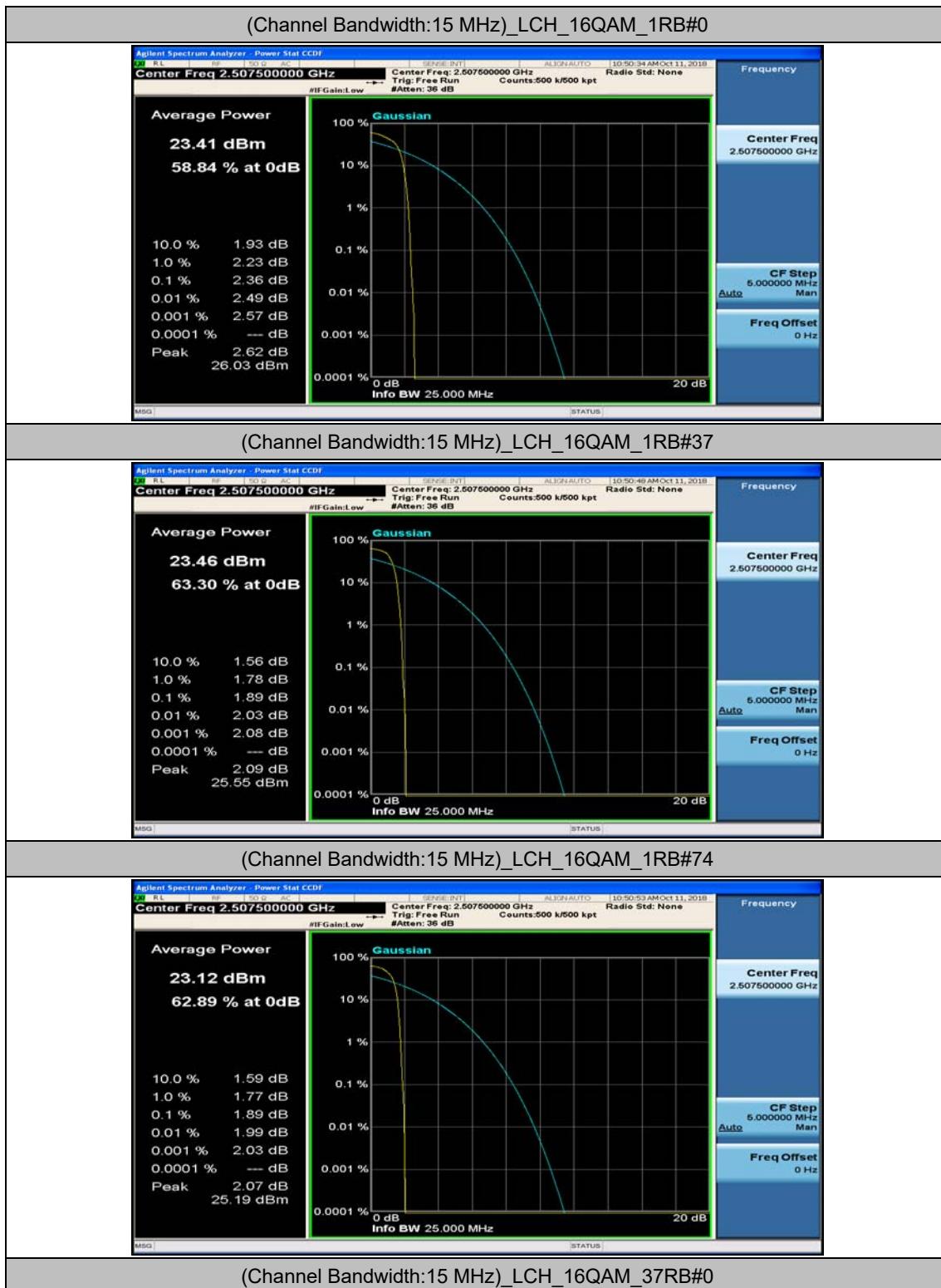
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

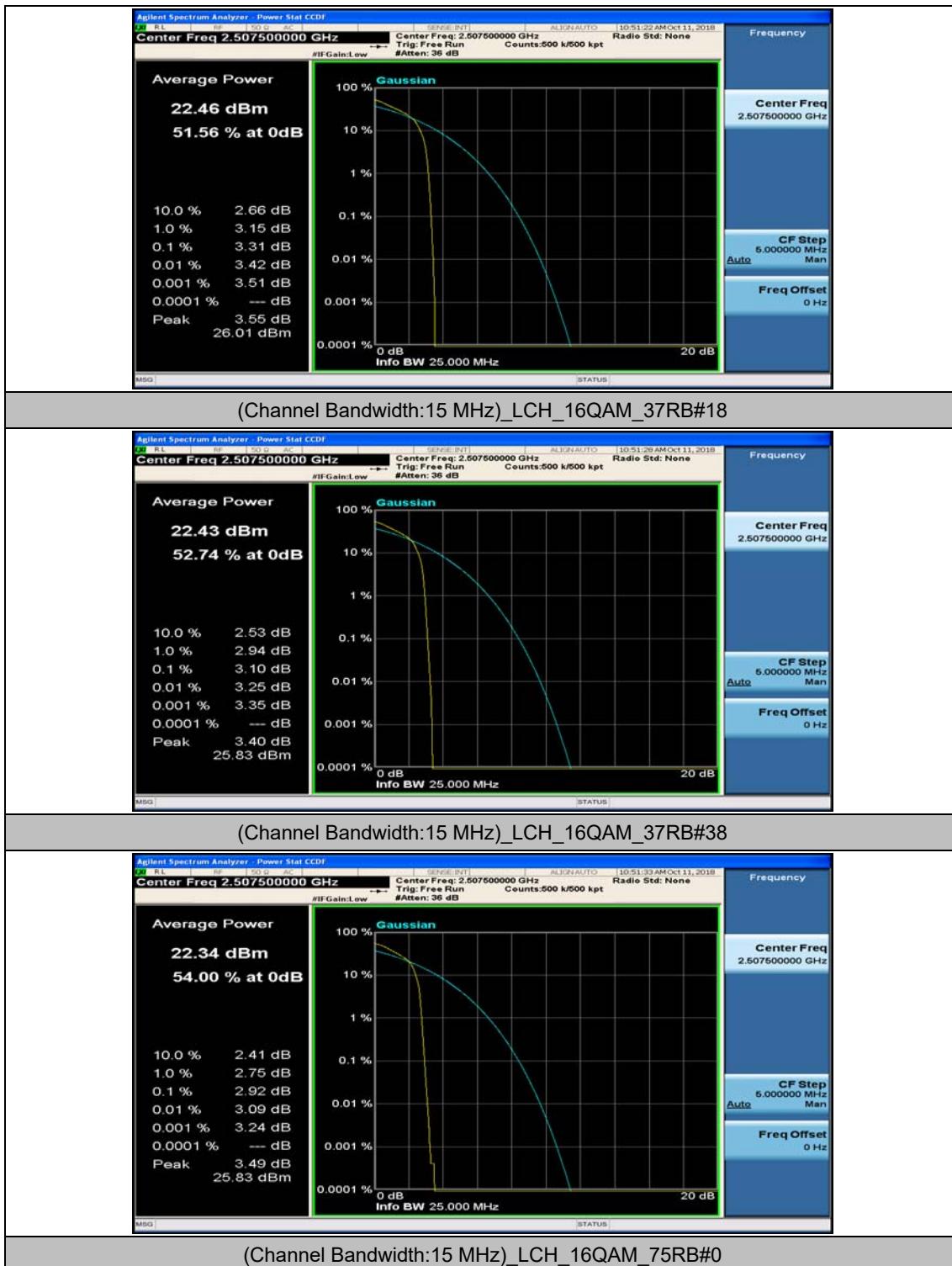


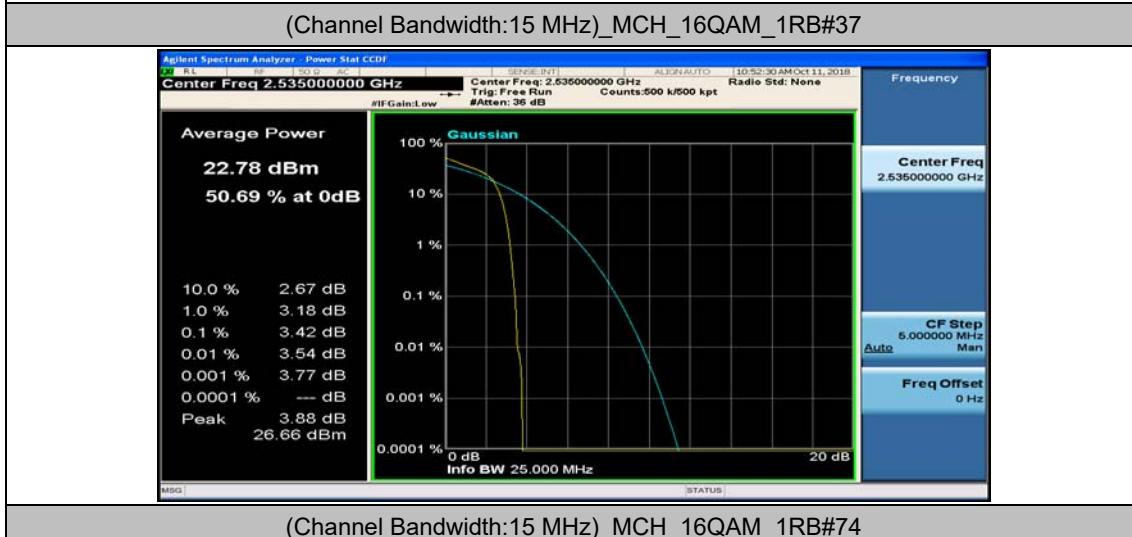
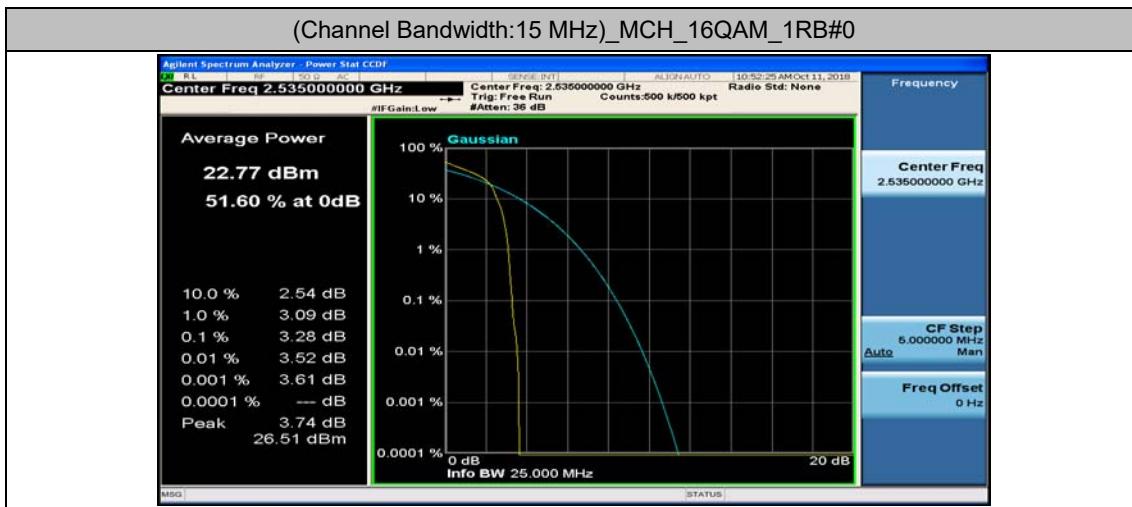
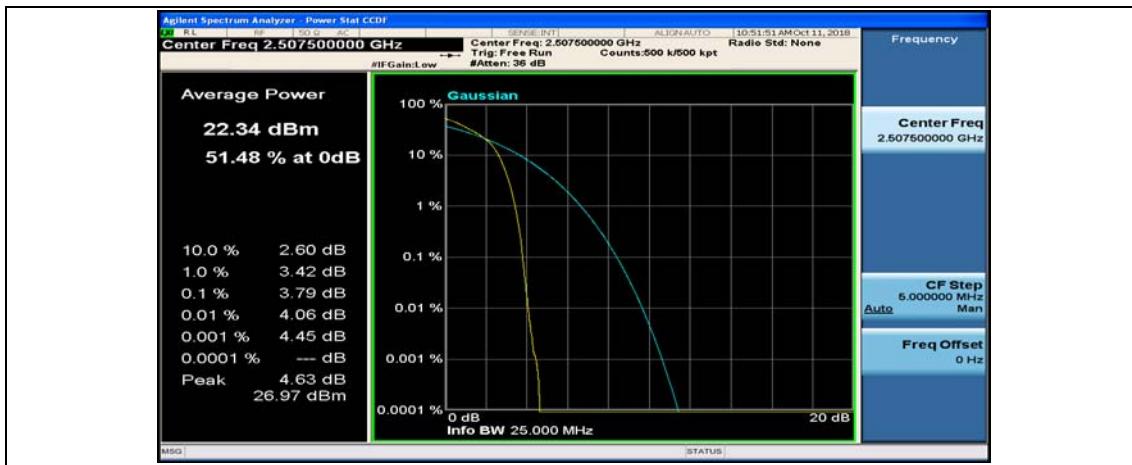


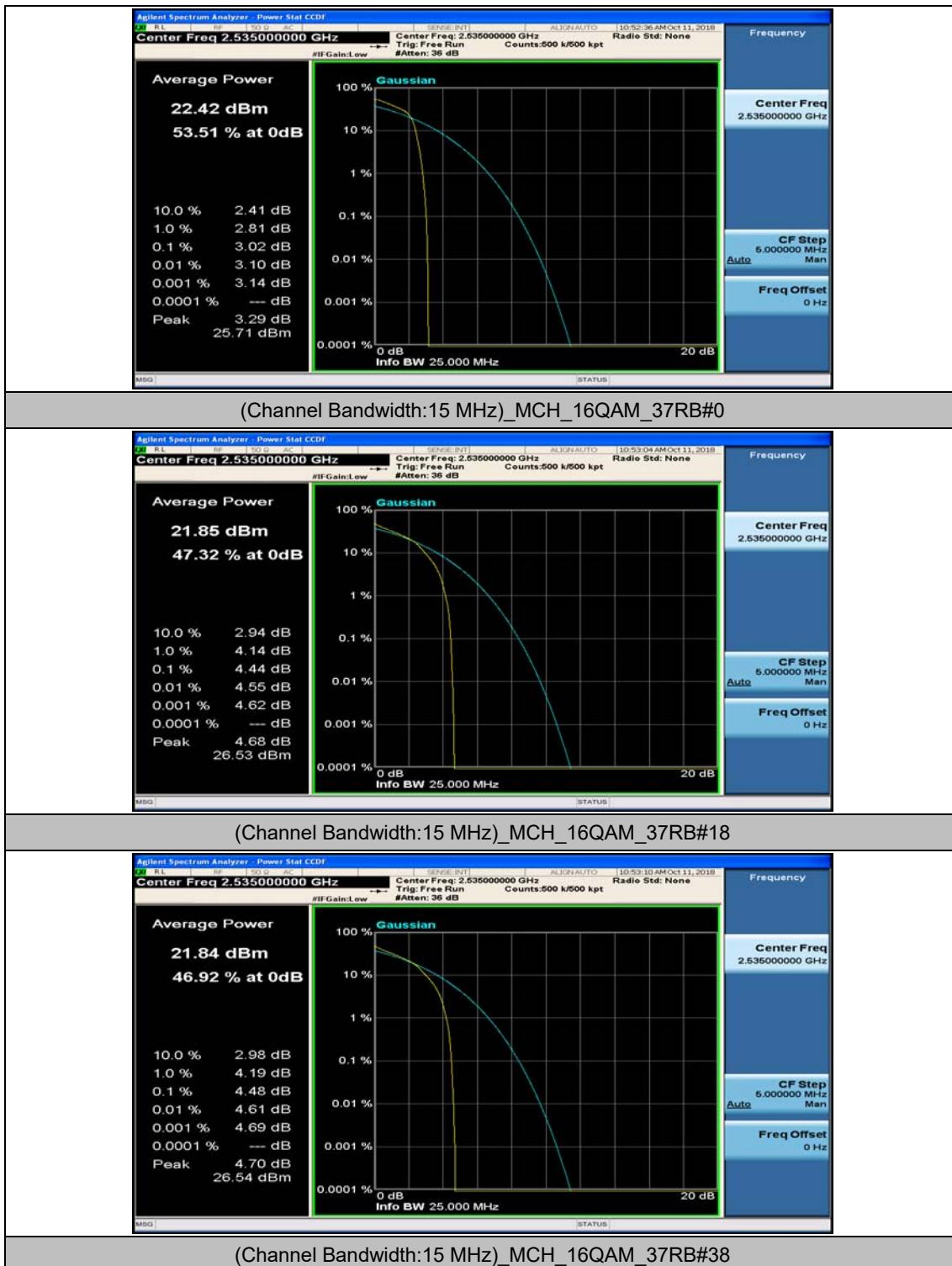


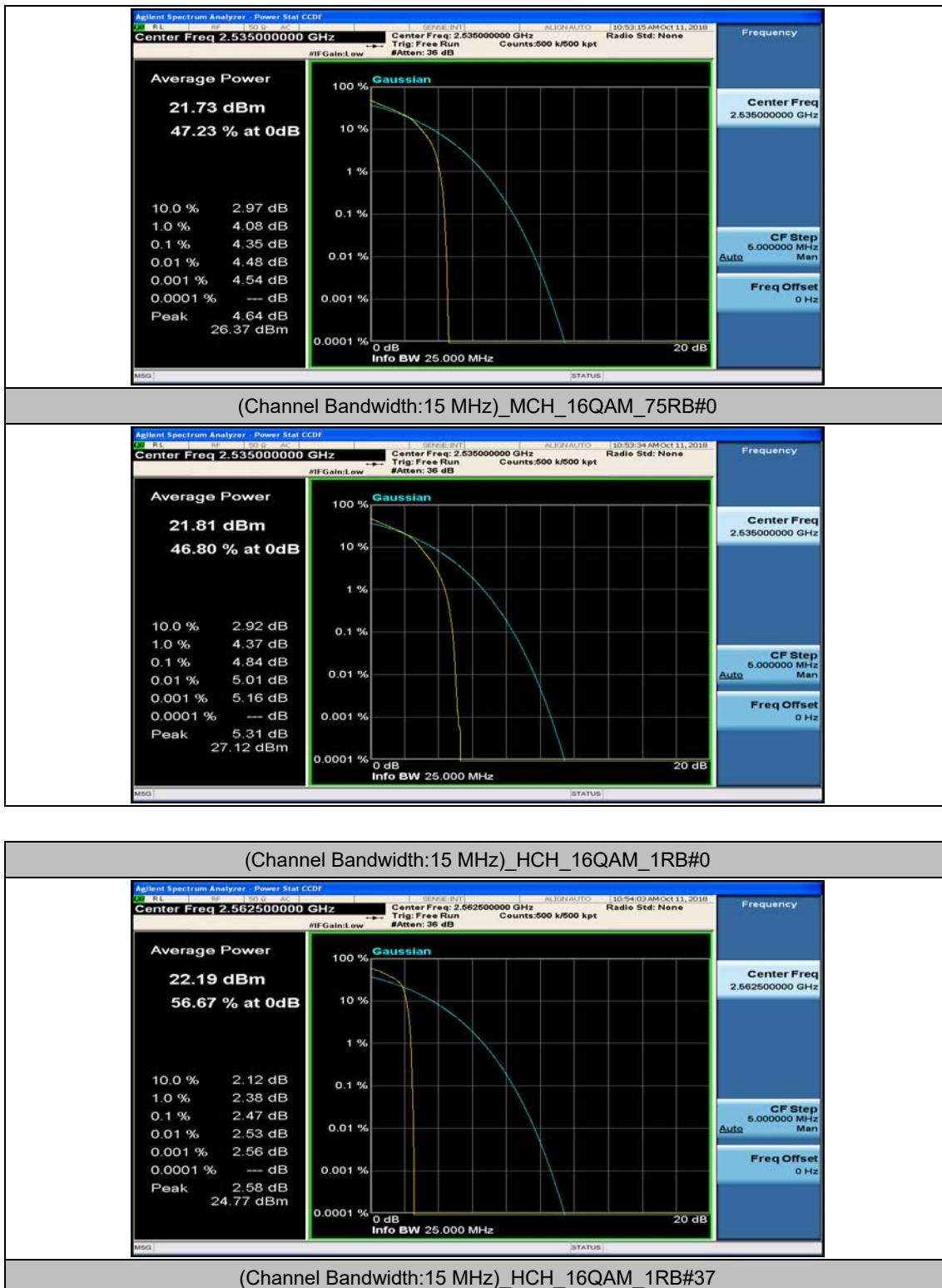


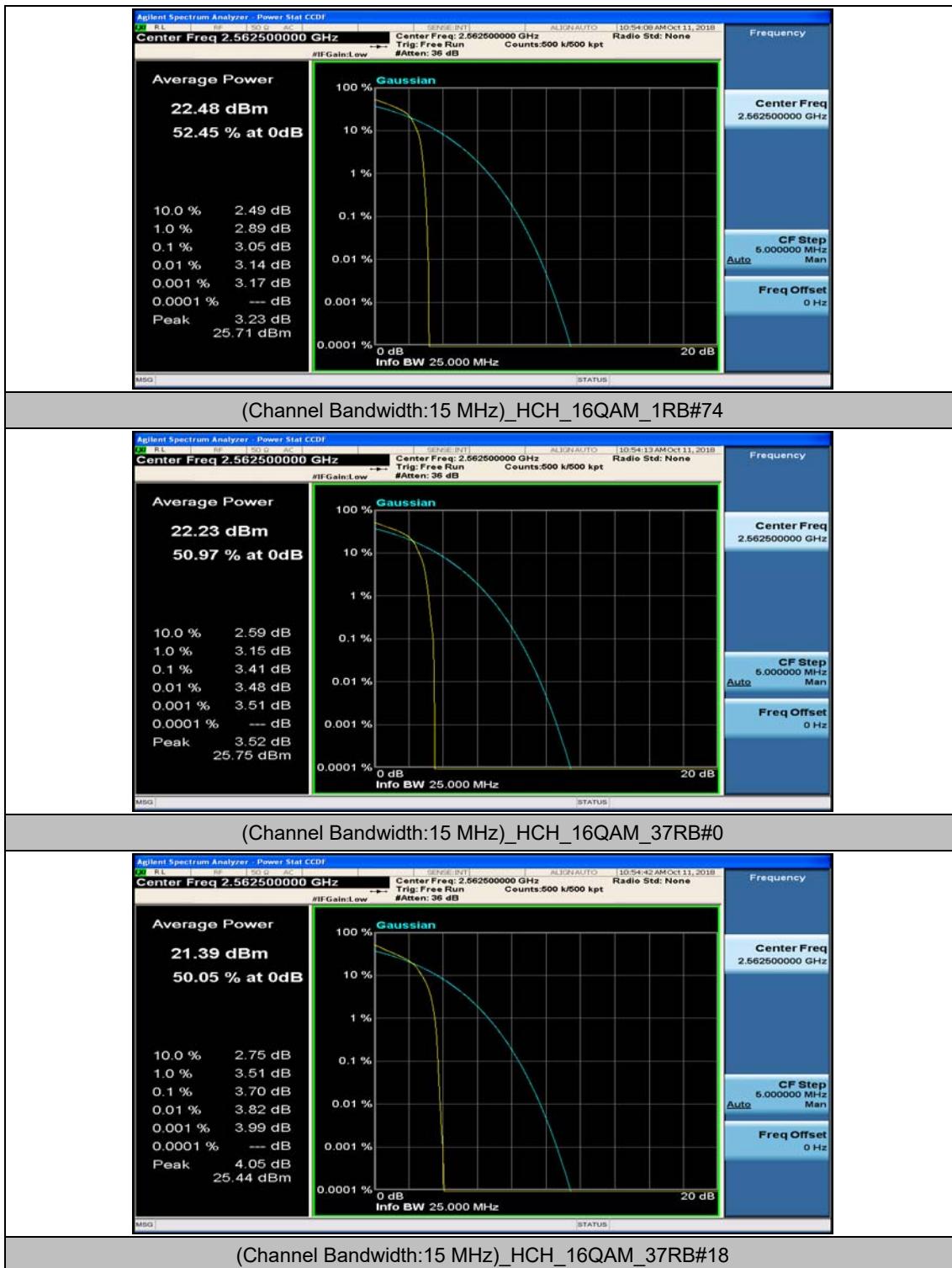


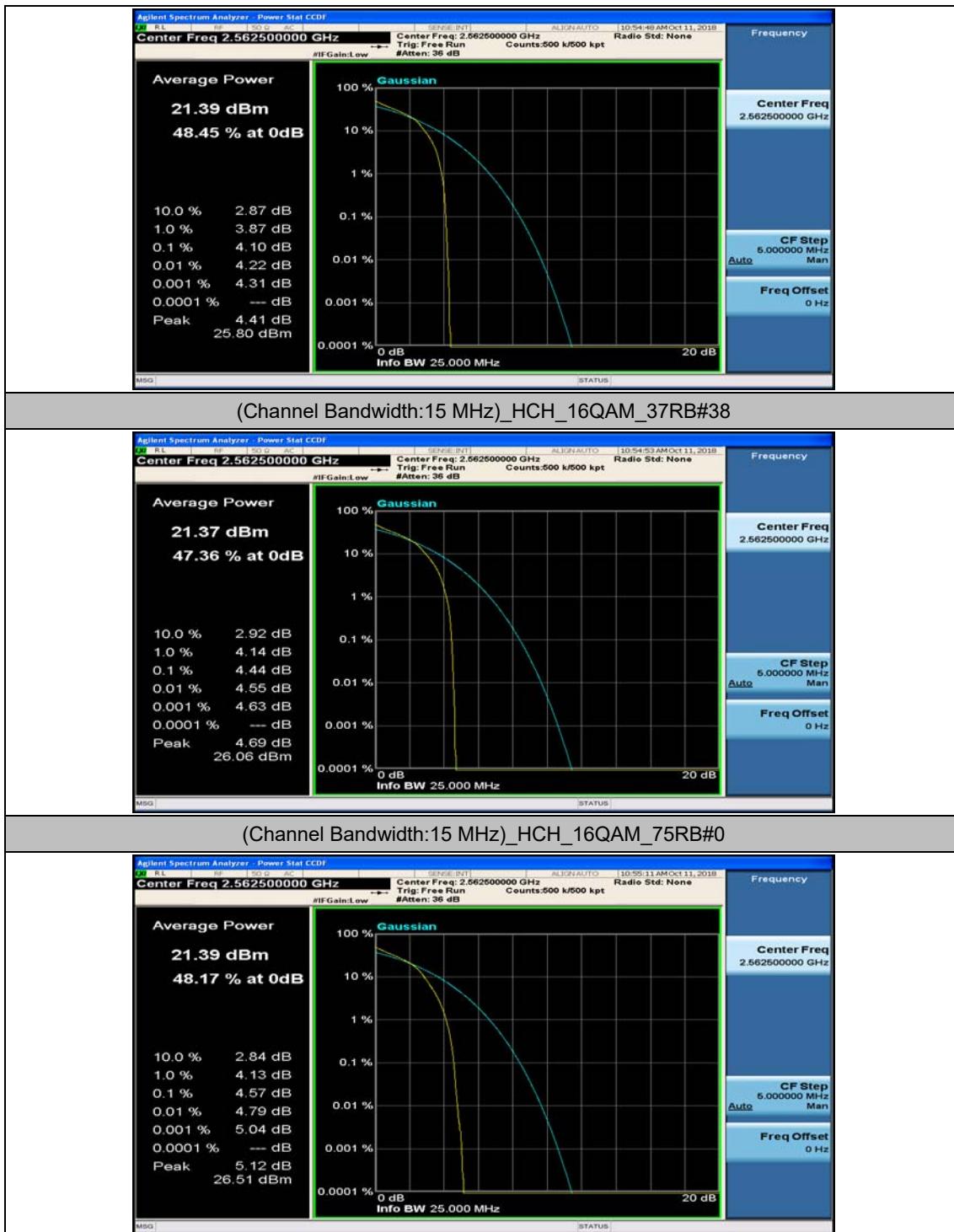


**(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74**

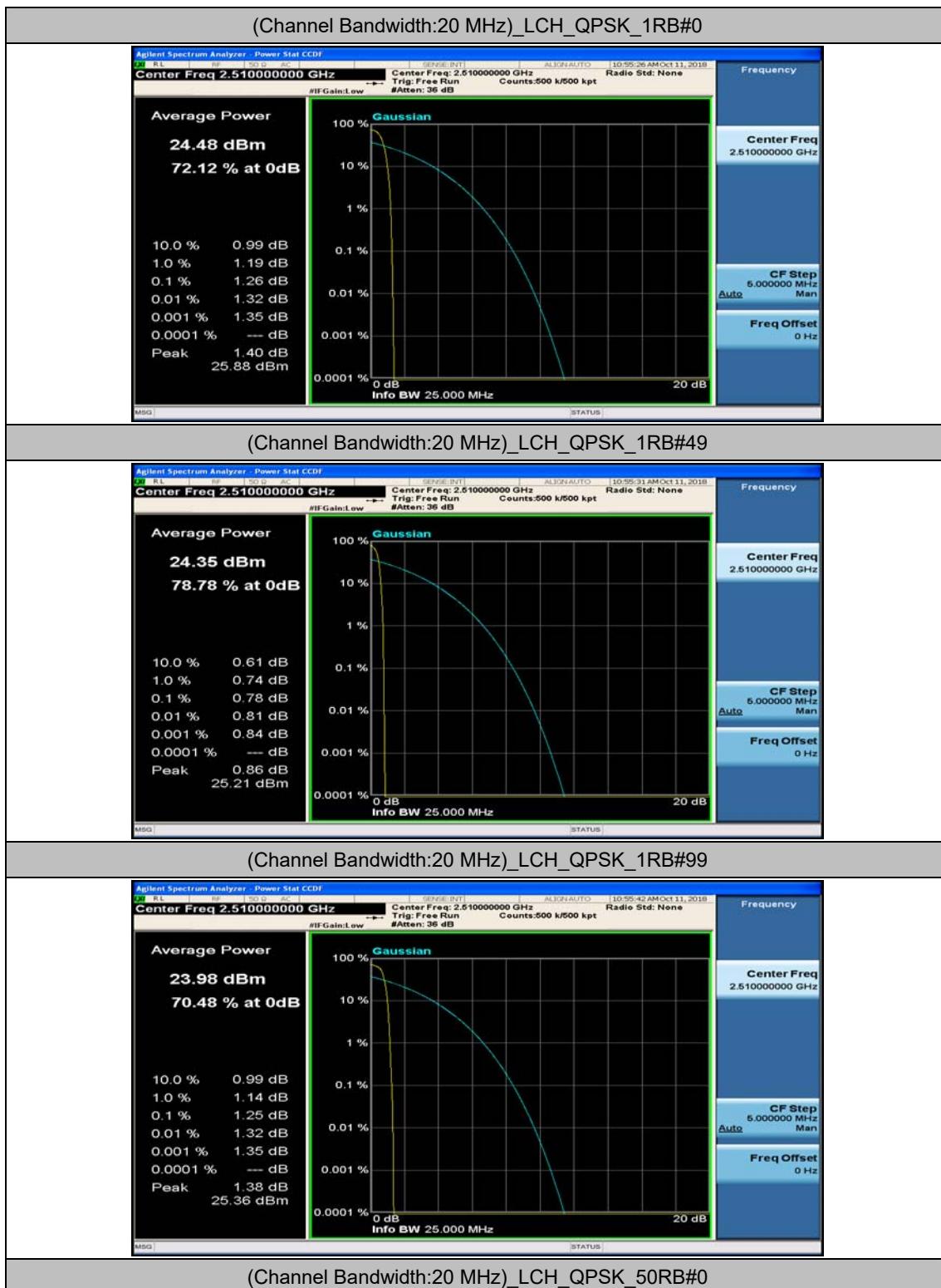


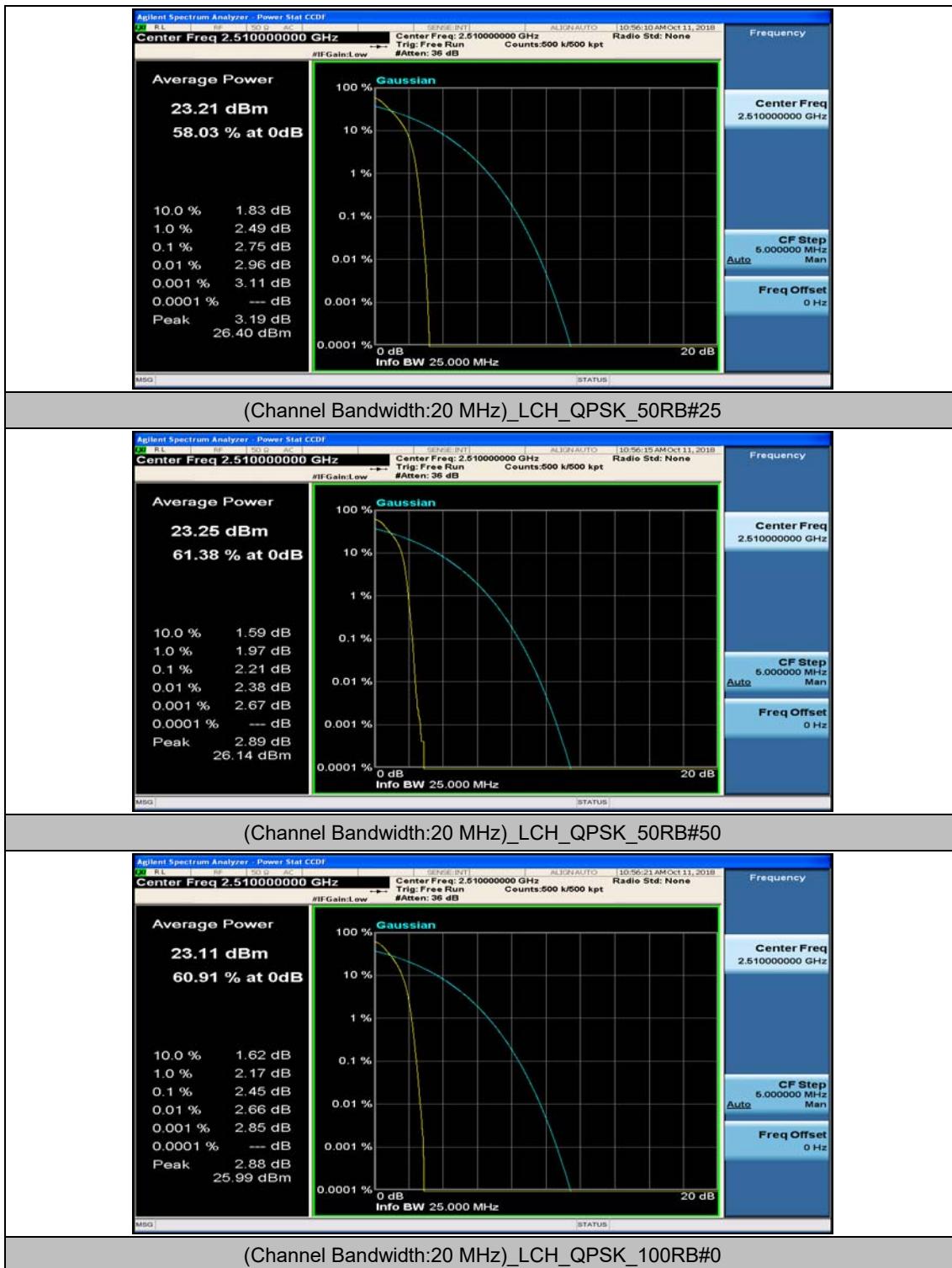


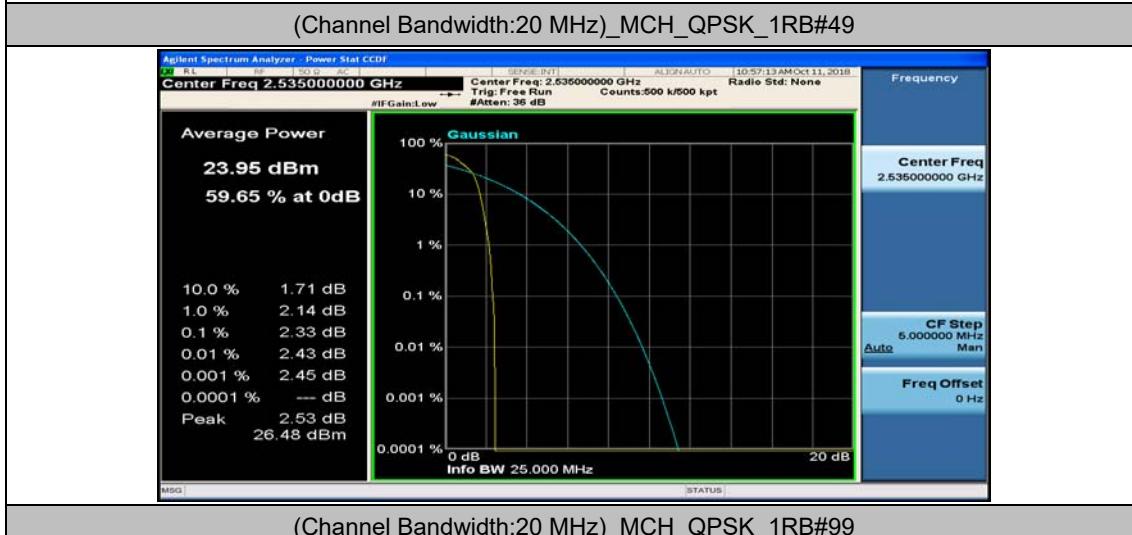
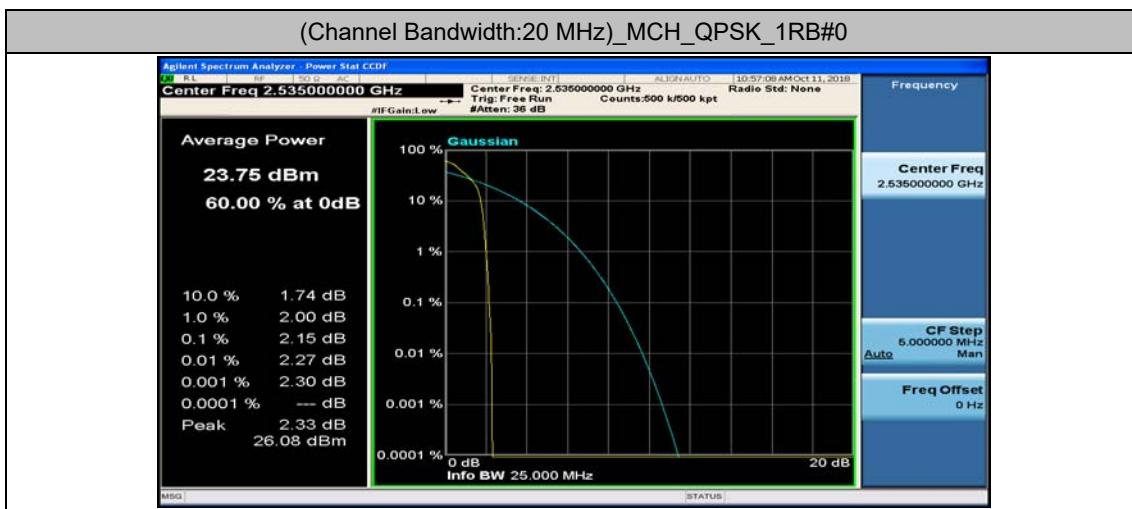
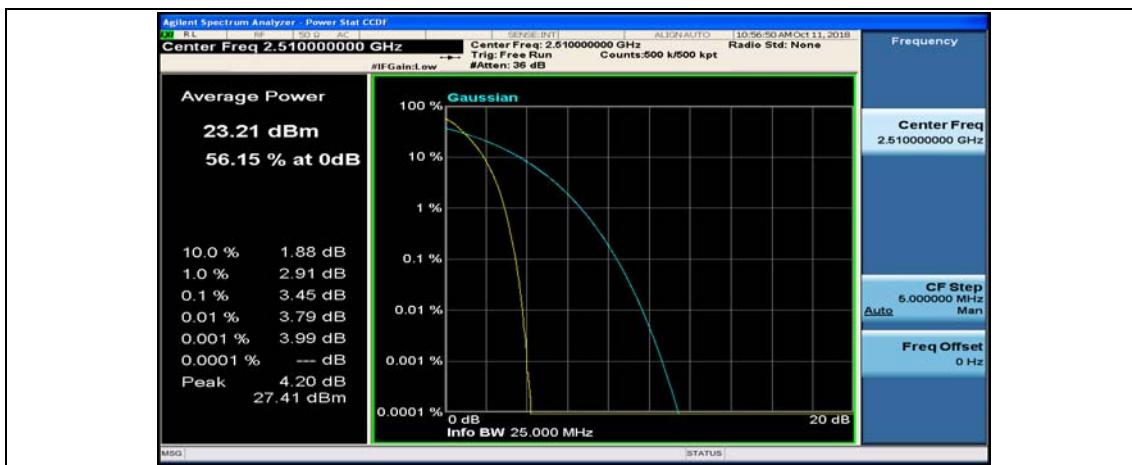




Channel Bandwidth: 20 MHz







(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99