

Appendix for Band 4

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.76 | PASS |
| | | 1 | 3 | 24.66 | PASS |
| | | 1 | 5 | 24.64 | PASS |
| | | 3 | 0 | 23.43 | PASS |
| | | 3 | 2 | 22.94 | PASS |
| | | 3 | 3 | 22.71 | PASS |
| | | 6 | 0 | 23.14 | PASS |
| | MCH | 1 | 0 | 23.78 | PASS |
| | | 1 | 3 | 23.74 | PASS |
| | | 1 | 5 | 23.69 | PASS |
| | | 3 | 0 | 23.70 | PASS |
| | | 3 | 2 | 23.64 | PASS |
| | | 3 | 3 | 23.64 | PASS |
| | | 6 | 0 | 22.66 | PASS |
| | HCH | 1 | 0 | 23.46 | PASS |
| | | 1 | 3 | 23.38 | PASS |
| | | 1 | 5 | 23.41 | PASS |
| | | 3 | 0 | 23.55 | PASS |
| | | 3 | 2 | 23.54 | PASS |
| | | 3 | 3 | 23.56 | PASS |
| | | 6 | 0 | 22.43 | PASS |
| 16QAM | LCH | 1 | 0 | 23.89 | PASS |
| | | 1 | 3 | 23.86 | PASS |
| | | 1 | 5 | 23.84 | PASS |
| | | 3 | 0 | 23.75 | PASS |
| | | 3 | 2 | 23.70 | PASS |
| | | 3 | 3 | 23.69 | PASS |
| | | 6 | 0 | 22.52 | PASS |
| | MCH | 1 | 0 | 23.09 | PASS |
| | | 1 | 3 | 23.03 | PASS |
| | | 1 | 5 | 23.04 | PASS |
| | | 3 | 0 | 22.68 | PASS |
| | | 3 | 2 | 22.64 | PASS |

| | | | | | |
|-----|-----|---|---|-------|------|
| | | 3 | 3 | 22.62 | PASS |
| | | 6 | 0 | 21.57 | PASS |
| HCH | HCH | 1 | 0 | 22.74 | PASS |
| | | 1 | 3 | 22.73 | PASS |
| | | 1 | 5 | 22.74 | PASS |
| | | 3 | 0 | 22.45 | PASS |
| | | 3 | 2 | 22.44 | PASS |
| | | 3 | 3 | 22.45 | PASS |
| | | 6 | 0 | 21.54 | PASS |
| | | | | | |

Channel Bandwidth: 3 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.53 | PASS |
| | | 1 | 7 | 24.49 | PASS |
| | | 1 | 14 | 24.37 | PASS |
| | | 8 | 0 | 23.56 | PASS |
| | | 8 | 4 | 23.50 | PASS |
| | | 8 | 7 | 23.45 | PASS |
| | | 15 | 0 | 23.50 | PASS |
| | MCH | 1 | 0 | 23.62 | PASS |
| | | 1 | 7 | 23.47 | PASS |
| | | 1 | 14 | 23.43 | PASS |
| | | 8 | 0 | 22.55 | PASS |
| | | 8 | 4 | 22.53 | PASS |
| | | 8 | 7 | 22.51 | PASS |
| | | 15 | 0 | 22.56 | PASS |
| | HCH | 1 | 0 | 23.57 | PASS |
| | | 1 | 7 | 23.51 | PASS |
| | | 1 | 14 | 23.47 | PASS |
| | | 8 | 0 | 22.47 | PASS |
| | | 8 | 4 | 22.45 | PASS |
| | | 8 | 7 | 22.48 | PASS |
| | | 15 | 0 | 22.40 | PASS |
| 16QAM | LCH | 1 | 0 | 23.86 | PASS |
| | | 1 | 7 | 23.74 | PASS |
| | | 1 | 14 | 23.63 | PASS |
| | | 8 | 0 | 22.60 | PASS |
| | | 8 | 4 | 22.53 | PASS |
| | | 8 | 7 | 22.50 | PASS |
| | | 15 | 0 | 22.48 | PASS |
| | MCH | 1 | 0 | 22.83 | PASS |

| | | | | | |
|--|-----|----|----|-------|------|
| | | 1 | 7 | 22.78 | PASS |
| | | 1 | 14 | 22.68 | PASS |
| | | 8 | 0 | 21.64 | PASS |
| | | 8 | 4 | 21.60 | PASS |
| | | 8 | 7 | 21.59 | PASS |
| | | 15 | 0 | 21.56 | PASS |
| | HCH | 1 | 0 | 22.82 | PASS |
| | | 1 | 7 | 22.80 | PASS |
| | | 1 | 14 | 22.74 | PASS |
| | | 8 | 0 | 21.41 | PASS |
| | | 8 | 4 | 21.34 | PASS |
| | | 8 | 7 | 21.35 | PASS |
| | | 15 | 0 | 21.39 | PASS |

Channel Bandwidth: 5 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.66 | PASS |
| | | 1 | 12 | 24.50 | PASS |
| | | 1 | 24 | 24.31 | PASS |
| | | 12 | 0 | 23.54 | PASS |
| | | 12 | 6 | 23.46 | PASS |
| | | 12 | 13 | 23.41 | PASS |
| | | 25 | 0 | 23.41 | PASS |
| | MCH | 1 | 0 | 23.80 | PASS |
| | | 1 | 12 | 23.65 | PASS |
| | | 1 | 24 | 23.60 | PASS |
| | | 12 | 0 | 22.62 | PASS |
| | | 12 | 6 | 22.54 | PASS |
| | | 12 | 13 | 22.51 | PASS |
| | | 25 | 0 | 22.58 | PASS |
| | HCH | 1 | 0 | 23.49 | PASS |
| | | 1 | 12 | 23.43 | PASS |
| | | 1 | 24 | 23.29 | PASS |
| | | 12 | 0 | 22.49 | PASS |
| | | 12 | 6 | 22.48 | PASS |
| | | 12 | 13 | 22.49 | PASS |
| | | 25 | 0 | 22.45 | PASS |
| 16QAM | LCH | 1 | 0 | 24.02 | PASS |
| | | 1 | 12 | 23.85 | PASS |
| | | 1 | 24 | 23.66 | PASS |
| | | 12 | 0 | 22.65 | PASS |

| | | | | | |
|-----|--|----|----|-------|------|
| | | 12 | 6 | 22.52 | PASS |
| | | 12 | 13 | 22.41 | PASS |
| | | 25 | 0 | 22.47 | PASS |
| MCH | | 1 | 0 | 23.08 | PASS |
| | | 1 | 12 | 22.90 | PASS |
| | | 1 | 24 | 22.85 | PASS |
| | | 12 | 0 | 21.75 | PASS |
| | | 12 | 6 | 21.68 | PASS |
| | | 12 | 13 | 21.65 | PASS |
| | | 25 | 0 | 21.59 | PASS |
| | | 1 | 0 | 22.56 | PASS |
| HCH | | 1 | 12 | 22.53 | PASS |
| | | 1 | 24 | 22.52 | PASS |
| | | 12 | 0 | 21.46 | PASS |
| | | 12 | 6 | 21.40 | PASS |
| | | 12 | 13 | 21.40 | PASS |
| | | 25 | 0 | 21.42 | PASS |

Channel Bandwidth: 10 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.65 | PASS |
| | | 1 | 24 | 24.24 | PASS |
| | | 1 | 49 | 23.96 | PASS |
| | | 25 | 0 | 23.49 | PASS |
| | | 25 | 12 | 23.27 | PASS |
| | | 25 | 25 | 23.09 | PASS |
| | | 50 | 0 | 23.35 | PASS |
| | MCH | 1 | 0 | 24.07 | PASS |
| | | 1 | 24 | 23.54 | PASS |
| | | 1 | 49 | 23.42 | PASS |
| | | 25 | 0 | 22.87 | PASS |
| | | 25 | 12 | 22.67 | PASS |
| | | 25 | 25 | 22.63 | PASS |
| | | 50 | 0 | 22.66 | PASS |
| | HCH | 1 | 0 | 23.73 | PASS |
| | | 1 | 24 | 23.50 | PASS |
| | | 1 | 49 | 23.39 | PASS |
| | | 25 | 0 | 22.48 | PASS |
| | | 25 | 12 | 22.42 | PASS |
| | | 25 | 25 | 22.38 | PASS |
| | | 50 | 0 | 22.59 | PASS |

| | | | | | |
|-------|-----|----|----|-------|------|
| 16QAM | LCH | 1 | 0 | 23.99 | PASS |
| | | 1 | 24 | 23.58 | PASS |
| | | 1 | 49 | 23.24 | PASS |
| | | 25 | 0 | 22.47 | PASS |
| | | 25 | 12 | 22.26 | PASS |
| | | 25 | 25 | 22.12 | PASS |
| | | 50 | 0 | 22.27 | PASS |
| | MCH | 1 | 0 | 23.35 | PASS |
| | | 1 | 24 | 22.84 | PASS |
| | | 1 | 49 | 22.80 | PASS |
| | | 25 | 0 | 21.78 | PASS |
| | | 25 | 12 | 21.60 | PASS |
| | | 25 | 25 | 21.55 | PASS |
| | | 50 | 0 | 21.68 | PASS |
| | HCH | 1 | 0 | 23.06 | PASS |
| | | 1 | 24 | 22.80 | PASS |
| | | 1 | 49 | 22.69 | PASS |
| | | 25 | 0 | 21.57 | PASS |
| | | 25 | 12 | 21.47 | PASS |
| | | 25 | 25 | 21.45 | PASS |
| | | 50 | 0 | 21.48 | PASS |

Channel Bandwidth: 15 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.82 | PASS |
| | | 1 | 37 | 24.13 | PASS |
| | | 1 | 74 | 23.69 | PASS |
| | | 37 | 0 | 23.58 | PASS |
| | | 37 | 18 | 23.23 | PASS |
| | | 37 | 38 | 22.96 | PASS |
| | | 75 | 0 | 23.27 | PASS |
| | MCH | 1 | 0 | 24.34 | PASS |
| | | 1 | 37 | 23.50 | PASS |
| | | 1 | 74 | 23.49 | PASS |
| | | 37 | 0 | 23.01 | PASS |
| | | 37 | 18 | 22.66 | PASS |
| | | 37 | 38 | 22.61 | PASS |
| | | 75 | 0 | 22.71 | PASS |
| | HCH | 1 | 0 | 24.03 | PASS |
| | | 1 | 37 | 23.35 | PASS |
| | | 1 | 74 | 23.40 | PASS |

| | | | | | |
|-------|-----|----|----|-------|------|
| | | 37 | 0 | 22.75 | PASS |
| | | 37 | 18 | 22.54 | PASS |
| | | 37 | 38 | 22.59 | PASS |
| | | 75 | 0 | 22.62 | PASS |
| 16QAM | LCH | 1 | 0 | 24.19 | PASS |
| | | 1 | 37 | 23.51 | PASS |
| | | 1 | 74 | 23.06 | PASS |
| | | 37 | 0 | 22.51 | PASS |
| | | 37 | 18 | 22.13 | PASS |
| | | 37 | 38 | 21.87 | PASS |
| | | 75 | 0 | 22.21 | PASS |
| | MCH | 1 | 0 | 23.74 | PASS |
| | | 1 | 37 | 22.87 | PASS |
| | | 1 | 74 | 23.00 | PASS |
| | | 37 | 0 | 21.97 | PASS |
| | | 37 | 18 | 21.64 | PASS |
| | | 37 | 38 | 21.59 | PASS |
| | | 75 | 0 | 21.72 | PASS |
| | HCH | 1 | 0 | 23.37 | PASS |
| | | 1 | 37 | 22.65 | PASS |
| | | 1 | 74 | 22.71 | PASS |
| | | 37 | 0 | 21.74 | PASS |
| | | 37 | 18 | 21.48 | PASS |
| | | 37 | 38 | 21.45 | PASS |
| | | 75 | 0 | 21.57 | PASS |

Channel Bandwidth: 20 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.89 | PASS |
| | | 1 | 49 | 24.01 | PASS |
| | | 1 | 99 | 23.45 | PASS |
| | | 50 | 0 | 24.66 | PASS |
| | | 50 | 25 | 24.67 | PASS |
| | | 50 | 50 | 24.68 | PASS |
| | | 100 | 0 | 23.65 | PASS |
| | MCH | 1 | 0 | 24.44 | PASS |
| | | 1 | 49 | 23.49 | PASS |
| | | 1 | 99 | 23.26 | PASS |
| | | 50 | 0 | 22.94 | PASS |
| | | 50 | 25 | 22.49 | PASS |
| | | 50 | 50 | 22.40 | PASS |

| | | | | | |
|-------|-----|-----|----|-------|------|
| | | 100 | 0 | 22.70 | PASS |
| HCH | LCH | 1 | 0 | 23.94 | PASS |
| | | 1 | 49 | 23.27 | PASS |
| | | 1 | 99 | 23.21 | PASS |
| | | 50 | 0 | 22.63 | PASS |
| | | 50 | 25 | 22.38 | PASS |
| | | 50 | 50 | 22.40 | PASS |
| | | 100 | 0 | 22.60 | PASS |
| 16QAM | MCH | 1 | 0 | 24.08 | PASS |
| | | 1 | 49 | 23.24 | PASS |
| | | 1 | 99 | 22.66 | PASS |
| | | 50 | 0 | 22.43 | PASS |
| | | 50 | 25 | 21.92 | PASS |
| | | 50 | 50 | 21.62 | PASS |
| | | 100 | 0 | 22.06 | PASS |
| | HCH | 1 | 0 | 23.55 | PASS |
| | | 1 | 49 | 22.67 | PASS |
| | | 1 | 99 | 22.58 | PASS |
| | | 50 | 0 | 21.88 | PASS |
| | | 50 | 25 | 21.43 | PASS |
| | | 50 | 50 | 21.36 | PASS |
| | | 100 | 0 | 21.58 | PASS |

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

| Channel Bandwidth: 1.4 MHz | | | | | | |
|----------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.84 | <13 | PASS |
| | | 1 | 3 | 4.88 | <13 | PASS |
| | | 1 | 5 | 4.88 | <13 | PASS |
| | | 3 | 0 | 4.48 | <13 | PASS |
| | | 3 | 2 | 4.45 | <13 | PASS |
| | | 3 | 3 | 4.5 | <13 | PASS |
| | | 6 | 0 | 5.27 | <13 | PASS |
| | MCH | 1 | 0 | 4.52 | <13 | PASS |
| | | 1 | 3 | 4.47 | <13 | PASS |
| | | 1 | 5 | 4.48 | <13 | PASS |
| | | 3 | 0 | 4.24 | <13 | PASS |
| | | 3 | 2 | 4.17 | <13 | PASS |
| | | 3 | 3 | 4.17 | <13 | PASS |
| | | 6 | 0 | 5.06 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.57 | <13 | PASS |
| | | 1 | 3 | 4.62 | <13 | PASS |
| | | 1 | 5 | 4.61 | <13 | PASS |
| | | 3 | 0 | 4.2 | <13 | PASS |
| | | 3 | 2 | 4.21 | <13 | PASS |
| | | 3 | 3 | 4.25 | <13 | PASS |
| | | 6 | 0 | 5.03 | <13 | PASS |
| | MCH | 1 | 0 | 5.88 | <13 | PASS |
| | | 1 | 3 | 5.86 | <13 | PASS |
| | | 1 | 5 | 5.85 | <13 | PASS |
| | | 3 | 0 | 5.62 | <13 | PASS |
| | | 3 | 2 | 5.57 | <13 | PASS |
| | | 3 | 3 | 5.59 | <13 | PASS |
| | | 6 | 0 | 6.14 | <13 | PASS |

| | | | | | | |
|-----|--|---|---|------|-----|------|
| | | 3 | 2 | 5.2 | <13 | PASS |
| | | 3 | 3 | 5.27 | <13 | PASS |
| | | 6 | 0 | 5.94 | <13 | PASS |
| HCH | | 1 | 0 | 5.52 | <13 | PASS |
| | | 1 | 3 | 5.53 | <13 | PASS |
| | | 1 | 5 | 5.5 | <13 | PASS |
| | | 3 | 0 | 5.1 | <13 | PASS |
| | | 3 | 2 | 5.08 | <13 | PASS |
| | | 3 | 3 | 5.14 | <13 | PASS |
| | | 6 | 0 | 5.92 | <13 | PASS |
| | | | | | | |

Channel Bandwidth: 3 MHz

| Channel Bandwidth: 3 MHz | | | | | | |
|--------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.72 | <13 | PASS |
| | | 1 | 7 | 4.89 | <13 | PASS |
| | | 1 | 14 | 4.86 | <13 | PASS |
| | | 8 | 0 | 5.16 | <13 | PASS |
| | | 8 | 4 | 5.18 | <13 | PASS |
| | | 8 | 7 | 5.18 | <13 | PASS |
| | | 15 | 0 | 5.38 | <13 | PASS |
| | MCH | 1 | 0 | 4.59 | <13 | PASS |
| | | 1 | 7 | 4.73 | <13 | PASS |
| | | 1 | 14 | 4.54 | <13 | PASS |
| | | 8 | 0 | 5.09 | <13 | PASS |
| | | 8 | 4 | 5.05 | <13 | PASS |
| | | 8 | 7 | 5.02 | <13 | PASS |
| | | 15 | 0 | 5.3 | <13 | PASS |
| | HCH | 1 | 0 | 4.26 | <13 | PASS |
| | | 1 | 7 | 4.51 | <13 | PASS |
| | | 1 | 14 | 4.35 | <13 | PASS |
| | | 8 | 0 | 4.9 | <13 | PASS |
| | | 8 | 4 | 4.91 | <13 | PASS |
| | | 8 | 7 | 4.96 | <13 | PASS |
| | | 15 | 0 | 5.28 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 5.56 | <13 | PASS |
| | | 1 | 7 | 5.9 | <13 | PASS |
| | | 1 | 14 | 5.62 | <13 | PASS |
| | | 8 | 0 | 5.83 | <13 | PASS |
| | | 8 | 4 | 5.82 | <13 | PASS |

| | | | | | | |
|-----|--|----|----|------|-----|------|
| | | 8 | 7 | 5.9 | <13 | PASS |
| | | 15 | 0 | 6.28 | <13 | PASS |
| MCH | | 1 | 0 | 5.42 | <13 | PASS |
| | | 1 | 7 | 5.59 | <13 | PASS |
| | | 1 | 14 | 5.34 | <13 | PASS |
| | | 8 | 0 | 5.78 | <13 | PASS |
| | | 8 | 4 | 5.71 | <13 | PASS |
| | | 8 | 7 | 5.75 | <13 | PASS |
| | | 15 | 0 | 6.19 | <13 | PASS |
| HCH | | 1 | 0 | 5.13 | <13 | PASS |
| | | 1 | 7 | 5.4 | <13 | PASS |
| | | 1 | 14 | 5.19 | <13 | PASS |
| | | 8 | 0 | 5.7 | <13 | PASS |
| | | 8 | 4 | 5.72 | <13 | PASS |
| | | 8 | 7 | 5.79 | <13 | PASS |
| | | 15 | 0 | 6.09 | <13 | PASS |

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 | 4.75 | <13 | PASS |
| | | 1 | 12 | 4.81 | <13 | PASS |
| | | 1 | 24 | 4.86 | <13 | PASS |
| | | 12 | 0 | 5.15 | <13 | PASS |
| | | 12 | 6 | 5.12 | <13 | PASS |
| | | 12 | 13 | 5.16 | <13 | PASS |
| | | 25 | 0 | 5.38 | <13 | PASS |
| | MCH | 1 | 0 | 4.66 | <13 | PASS |
| | | 1 | 12 | 4.57 | <13 | PASS |
| | | 1 | 24 | 4.4 | <13 | PASS |
| | | 12 | 0 | 4.97 | <13 | PASS |
| | | 12 | 6 | 4.92 | <13 | PASS |
| | | 12 | 13 | 4.93 | <13 | PASS |
| | | 25 | 0 | 5.31 | <13 | PASS |
| | HCH | 1 | 0 | 4.43 | <13 | PASS |
| | | 1 | 12 | 4.61 | <13 | PASS |
| | | 1 | 24 | 4.56 | <13 | PASS |
| | | 12 | 0 | 4.76 | <13 | PASS |
| | | 12 | 6 | 4.76 | <13 | PASS |
| | | 12 | 13 | 4.91 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|------|-----|------|
| | | 25 | 0 | 5.2 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 5.59 | <13 | PASS |
| | | 1 | 12 | 5.74 | <13 | PASS |
| | | 1 | 24 | 5.69 | <13 | PASS |
| | | 12 | 0 | 5.95 | <13 | PASS |
| | | 12 | 6 | 5.98 | <13 | PASS |
| | | 12 | 13 | 6.02 | <13 | PASS |
| | | 25 | 0 | 6.27 | <13 | PASS |
| | MCH | 1 | 0 | 5.61 | <13 | PASS |
| | | 1 | 12 | 5.44 | <13 | PASS |
| | | 1 | 24 | 5.35 | <13 | PASS |
| | | 12 | 0 | 5.88 | <13 | PASS |
| | | 12 | 6 | 5.8 | <13 | PASS |
| | | 12 | 13 | 5.74 | <13 | PASS |
| | | 25 | 0 | 6.09 | <13 | PASS |
| | HCH | 1 | 0 | 4.99 | <13 | PASS |
| | | 1 | 12 | 5.2 | <13 | PASS |
| | | 1 | 24 | 5.32 | <13 | PASS |
| | | 12 | 0 | 5.63 | <13 | PASS |
| | | 12 | 6 | 5.7 | <13 | PASS |
| | | 12 | 13 | 5.81 | <13 | PASS |
| | | 25 | 0 | 6.03 | <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 | 4.73 | <13 | PASS |
| | | 1 | 24 | 4.89 | <13 | PASS |
| | | 1 | 49 | 4.95 | <13 | PASS |
| | | 25 | 0 | 5.3 | <13 | PASS |
| | | 25 | 12 | 5.34 | <13 | PASS |
| | | 25 | 25 | 5.32 | <13 | PASS |
| | | 50 | 0 | 5.46 | <13 | PASS |
| | MCH | 1 | 0 | 4.7 | <13 | PASS |
| | | 1 | 24 | 4.57 | <13 | PASS |
| | | 1 | 49 | 4.32 | <13 | PASS |
| | | 25 | 0 | 5.26 | <13 | PASS |
| | | 25 | 12 | 5.2 | <13 | PASS |
| | | 25 | 25 | 5.15 | <13 | PASS |
| | | 50 | 0 | 5.41 | <13 | PASS |

| | | | | | | |
|--|-----|----|----|------|-----|------|
| | | 1 | 0 | 3.69 | <13 | PASS |
| | HCH | 1 | 24 | 4.14 | <13 | PASS |
| | | 1 | 49 | 4.43 | <13 | PASS |
| | | 25 | 0 | 4.75 | <13 | PASS |
| | | 25 | 12 | 4.88 | <13 | PASS |
| | | 25 | 25 | 5.06 | <13 | PASS |
| | | 50 | 0 | 5.23 | <13 | PASS |
| | | 1 | 0 | 5.58 | <13 | PASS |
| | LCH | 1 | 24 | 5.97 | <13 | PASS |
| | | 1 | 49 | 5.84 | <13 | PASS |
| | | 25 | 0 | 6.1 | <13 | PASS |
| | | 25 | 12 | 6.14 | <13 | PASS |
| | | 25 | 25 | 6.16 | <13 | PASS |
| | | 50 | 0 | 6.21 | <13 | PASS |
| | | 1 | 0 | 5.69 | <13 | PASS |
| | MCH | 1 | 24 | 5.58 | <13 | PASS |
| | | 1 | 49 | 5.12 | <13 | PASS |
| | | 25 | 0 | 6.07 | <13 | PASS |
| | | 25 | 12 | 5.97 | <13 | PASS |
| | | 25 | 25 | 5.95 | <13 | PASS |
| | | 50 | 0 | 6.1 | <13 | PASS |
| | | 1 | 0 | 4.63 | <13 | PASS |
| | HCH | 1 | 24 | 5.09 | <13 | PASS |
| | | 1 | 49 | 5.4 | <13 | PASS |
| | | 25 | 0 | 5.53 | <13 | PASS |
| | | 25 | 12 | 5.66 | <13 | PASS |
| | | 25 | 25 | 5.9 | <13 | PASS |
| | | 50 | 0 | 5.97 | <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 | 5.32 | <13 | PASS |
| | | 1 | 37 | 4.96 | <13 | PASS |
| | | 1 | 74 | 11.89 | <13 | PASS |
| | | 37 | 0 | 4.65 | <13 | PASS |
| | | 37 | 18 | 5.4 | <13 | PASS |
| | | 37 | 38 | 4.77 | <13 | PASS |
| | | 75 | 0 | 4.93 | <13 | PASS |
| | MCH | 1 | 0 | 4.16 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|-------|-----|------|
| | | 1 | 37 | 4.64 | <13 | PASS |
| | | 1 | 74 | 11.79 | <13 | PASS |
| | | 37 | 0 | 4.68 | <13 | PASS |
| | | 37 | 18 | 5.3 | <13 | PASS |
| | | 37 | 38 | 4.71 | <13 | PASS |
| | | 75 | 0 | 5.04 | <13 | PASS |
| | | 1 | 0 | 4.25 | <13 | PASS |
| | | 1 | 37 | 4.01 | <13 | PASS |
| | | 1 | 74 | 12.19 | <13 | PASS |
| | | 37 | 0 | 4.47 | <13 | PASS |
| | | 37 | 18 | 4.81 | <13 | PASS |
| | | 37 | 38 | 4.69 | <13 | PASS |
| | | 75 | 0 | 4.91 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.97 | <13 | PASS |
| | | 1 | 37 | 5.87 | <13 | PASS |
| | | 1 | 74 | 12.56 | <13 | PASS |
| | | 37 | 0 | 5.9 | <13 | PASS |
| | | 37 | 18 | 6.19 | <13 | PASS |
| | | 37 | 38 | 5.99 | <13 | PASS |
| | | 75 | 0 | 6.26 | <13 | PASS |
| | MCH | 1 | 0 | 4.36 | <13 | PASS |
| | | 1 | 37 | 5.44 | <13 | PASS |
| | | 1 | 74 | 12.03 | <13 | PASS |
| | | 37 | 0 | 5.93 | <13 | PASS |
| | | 37 | 18 | 6.07 | <13 | PASS |
| | | 37 | 38 | 5.96 | <13 | PASS |
| | | 75 | 0 | 6.26 | <13 | PASS |
| | HCH | 1 | 0 | 6.35 | <13 | PASS |
| | | 1 | 37 | 4.95 | <13 | PASS |
| | | 1 | 74 | 12.64 | <13 | PASS |
| | | 37 | 0 | 5.72 | <13 | PASS |
| | | 37 | 18 | 5.58 | <13 | PASS |
| | | 37 | 38 | 5.86 | <13 | PASS |
| | | 75 | 0 | 6.08 | <13 | PASS |

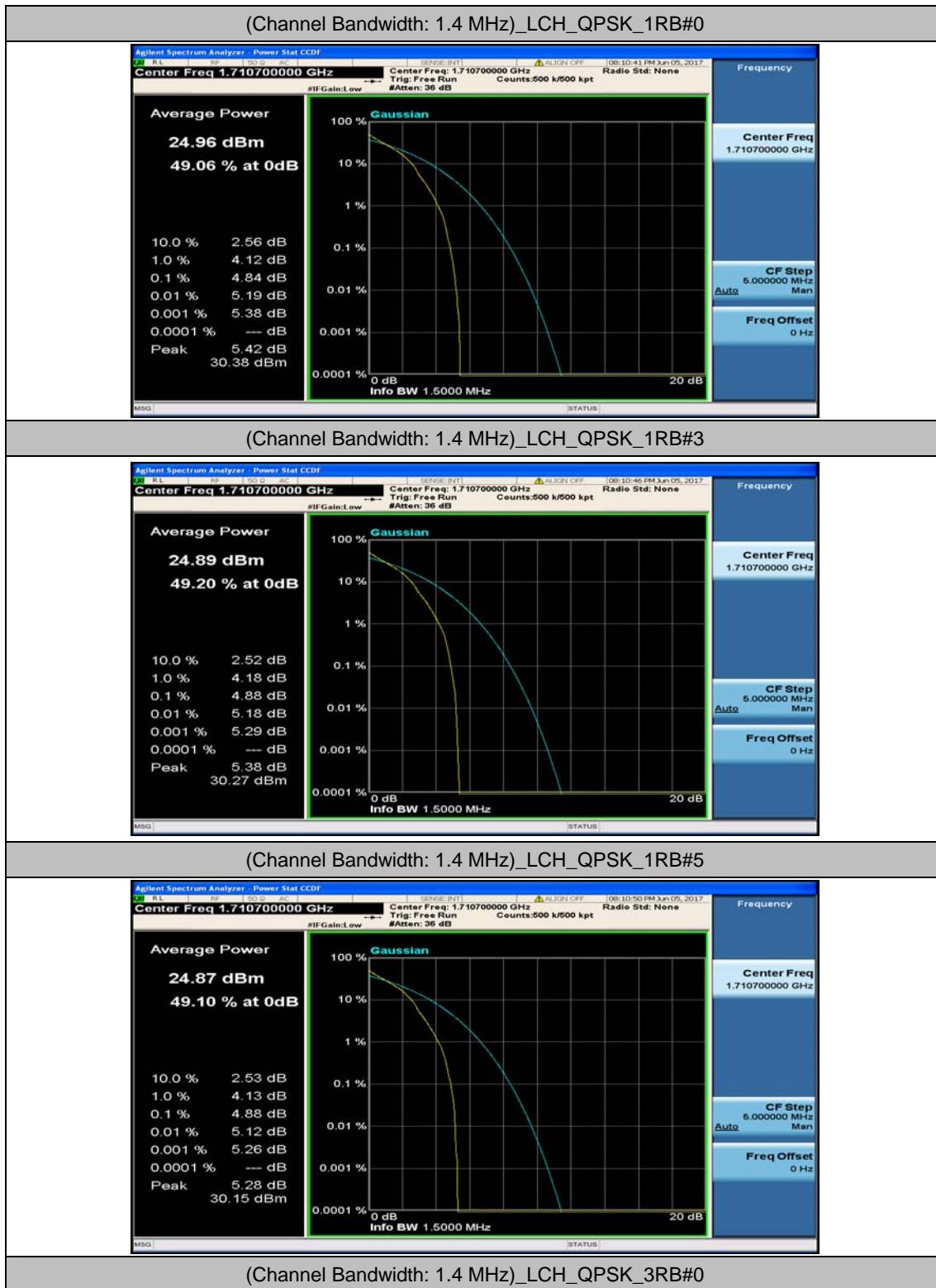
Channel Bandwidth: 20 MHz

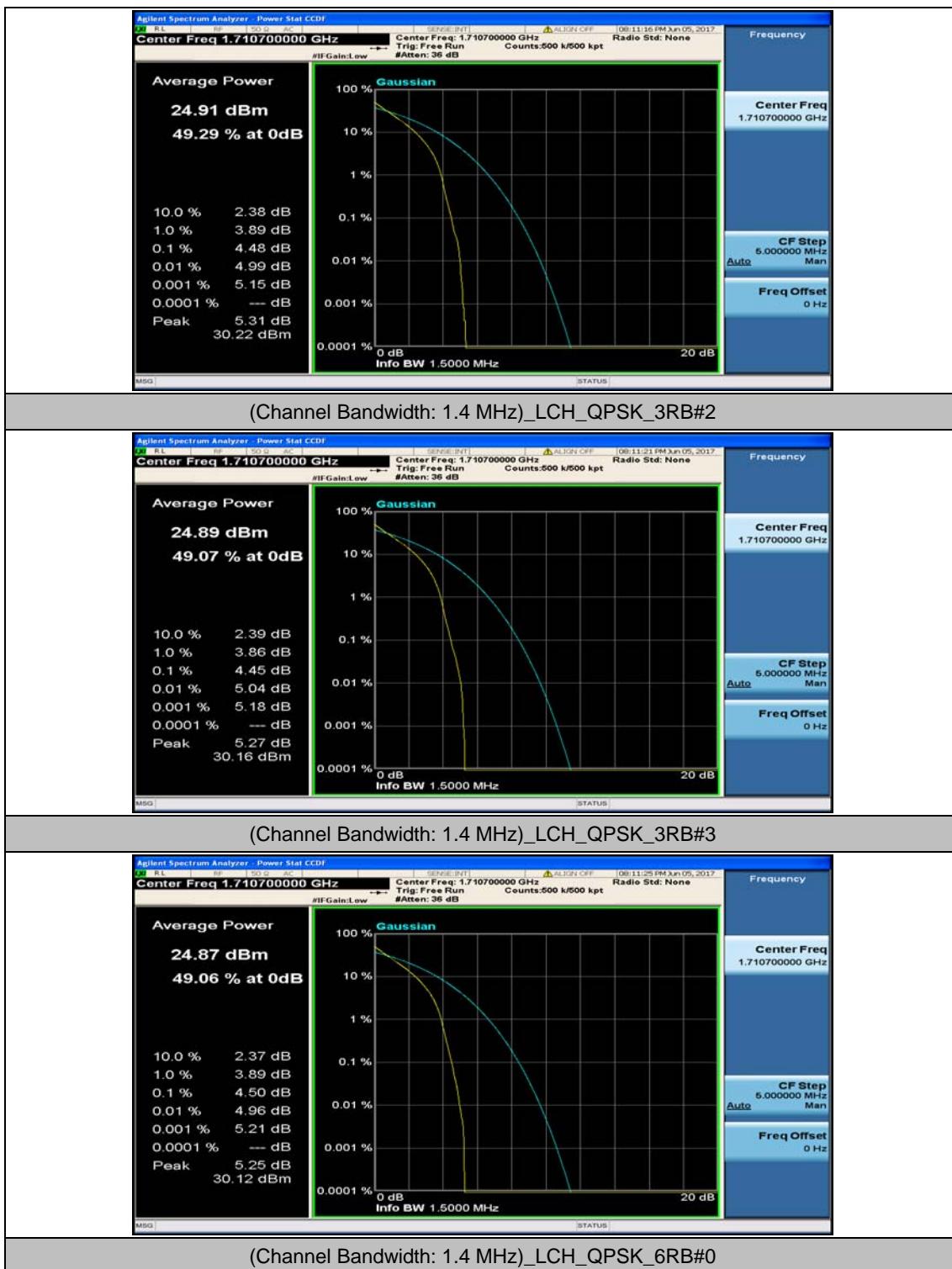
| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 7.59 | <13 | PASS |
| | | 1 | 49 | 4.76 | <13 | PASS |

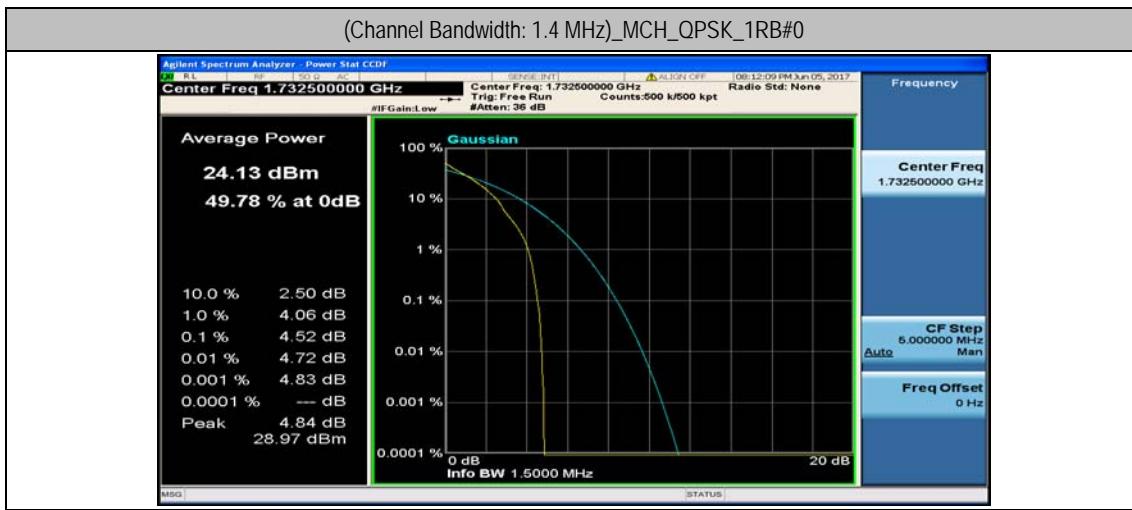
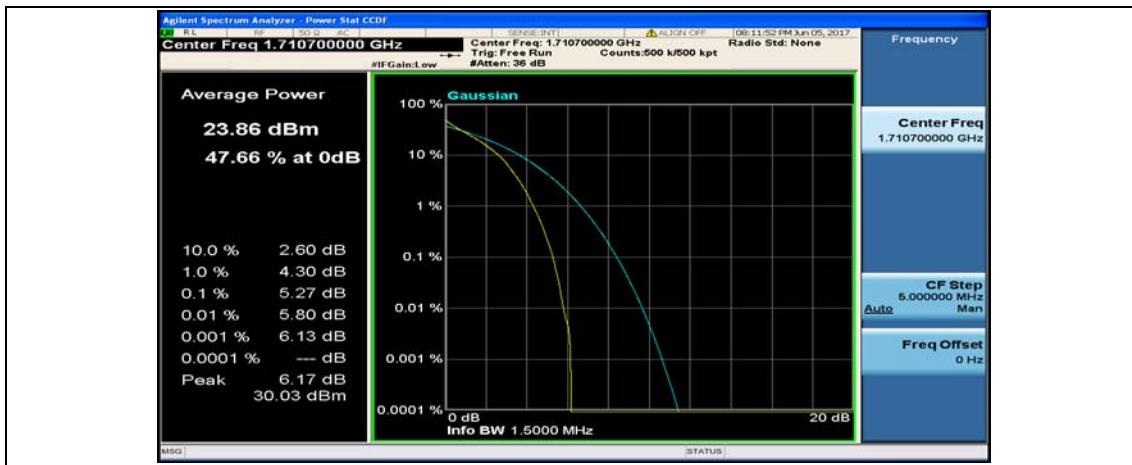
| | | | | | | |
|-------|-----|-----|----|------|-----|------|
| | | 1 | 99 | 7.42 | <13 | PASS |
| | | 50 | 0 | 5.48 | <13 | PASS |
| | | 50 | 25 | 5.49 | <13 | PASS |
| | | 50 | 50 | 5.74 | <13 | PASS |
| | | 100 | 0 | 5.76 | <13 | PASS |
| | MCH | 1 | 0 | 6.63 | <13 | PASS |
| | | 1 | 49 | 4.26 | <13 | PASS |
| | | 1 | 99 | 8.58 | <13 | PASS |
| | | 50 | 0 | 5.53 | <13 | PASS |
| | | 50 | 25 | 5.43 | <13 | PASS |
| | | 50 | 50 | 5.83 | <13 | PASS |
| | | 100 | 0 | 5.79 | <13 | PASS |
| | HCH | 1 | 0 | 8.23 | <13 | PASS |
| | | 1 | 49 | 3.54 | <13 | PASS |
| | | 1 | 99 | 6.92 | <13 | PASS |
| | | 50 | 0 | 5.34 | <13 | PASS |
| | | 50 | 25 | 4.99 | <13 | PASS |
| | | 50 | 50 | 5.68 | <13 | PASS |
| | | 100 | 0 | 5.71 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 8.01 | <13 | PASS |
| | | 1 | 49 | 5.7 | <13 | PASS |
| | | 1 | 99 | 7.43 | <13 | PASS |
| | | 50 | 0 | 6.55 | <13 | PASS |
| | | 50 | 25 | 6.27 | <13 | PASS |
| | | 50 | 50 | 6.62 | <13 | PASS |
| | | 100 | 0 | 6.78 | <13 | PASS |
| | MCH | 1 | 0 | 6.72 | <13 | PASS |
| | | 1 | 49 | 5.04 | <13 | PASS |
| | | 1 | 99 | 7.73 | <13 | PASS |
| | | 50 | 0 | 6.52 | <13 | PASS |
| | | 50 | 25 | 6.18 | <13 | PASS |
| | | 50 | 50 | 6.74 | <13 | PASS |
| | | 100 | 0 | 6.87 | <13 | PASS |
| | HCH | 1 | 0 | 7.23 | <13 | PASS |
| | | 1 | 49 | 4.26 | <13 | PASS |
| | | 1 | 99 | 5.87 | <13 | PASS |
| | | 50 | 0 | 6.33 | <13 | PASS |
| | | 50 | 25 | 5.72 | <13 | PASS |
| | | 50 | 50 | 6.46 | <13 | PASS |
| | | 100 | 0 | 6.6 | <13 | PASS |

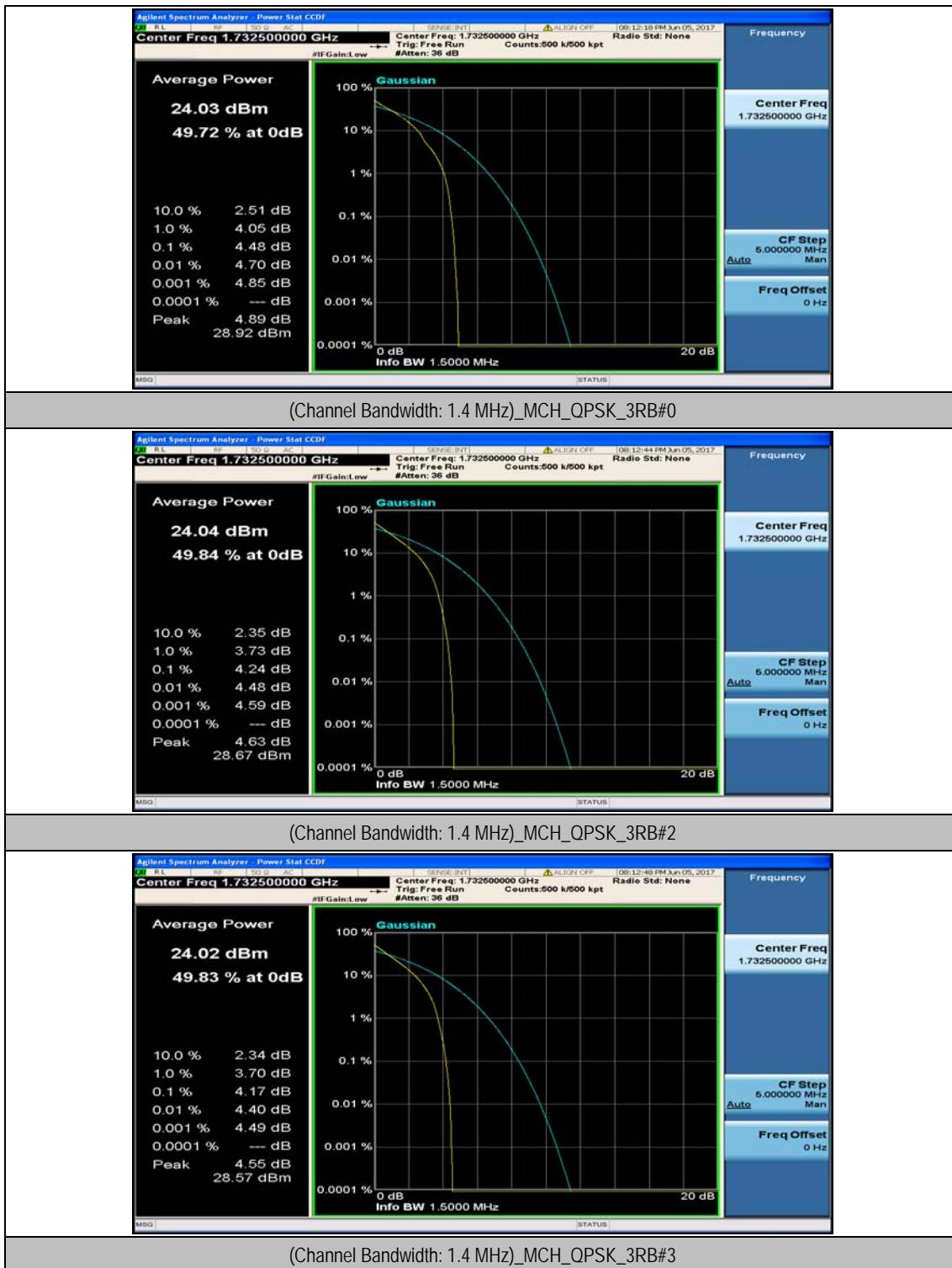
Test Graphs

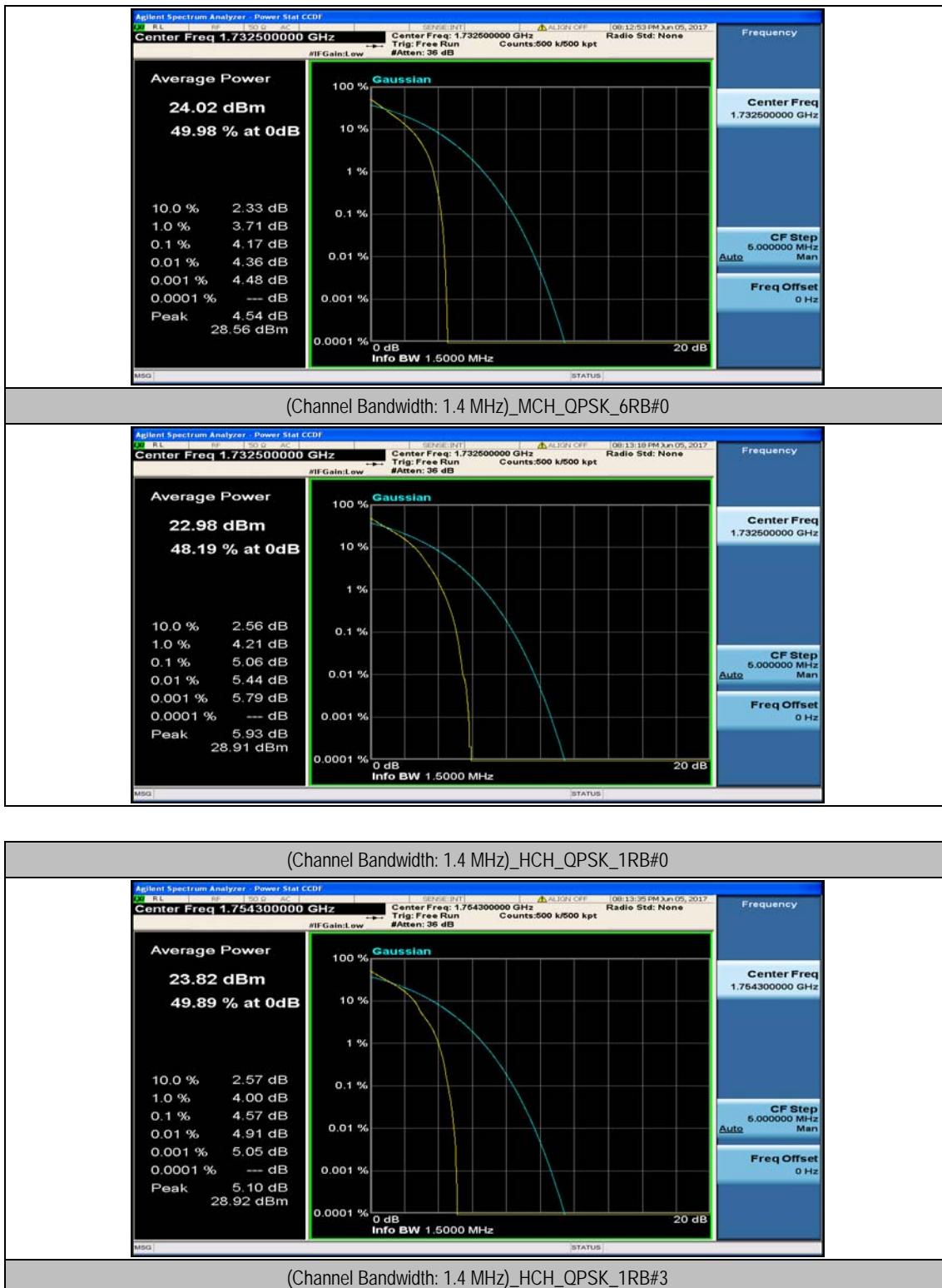
Channel Bandwidth: 1.4 MHz

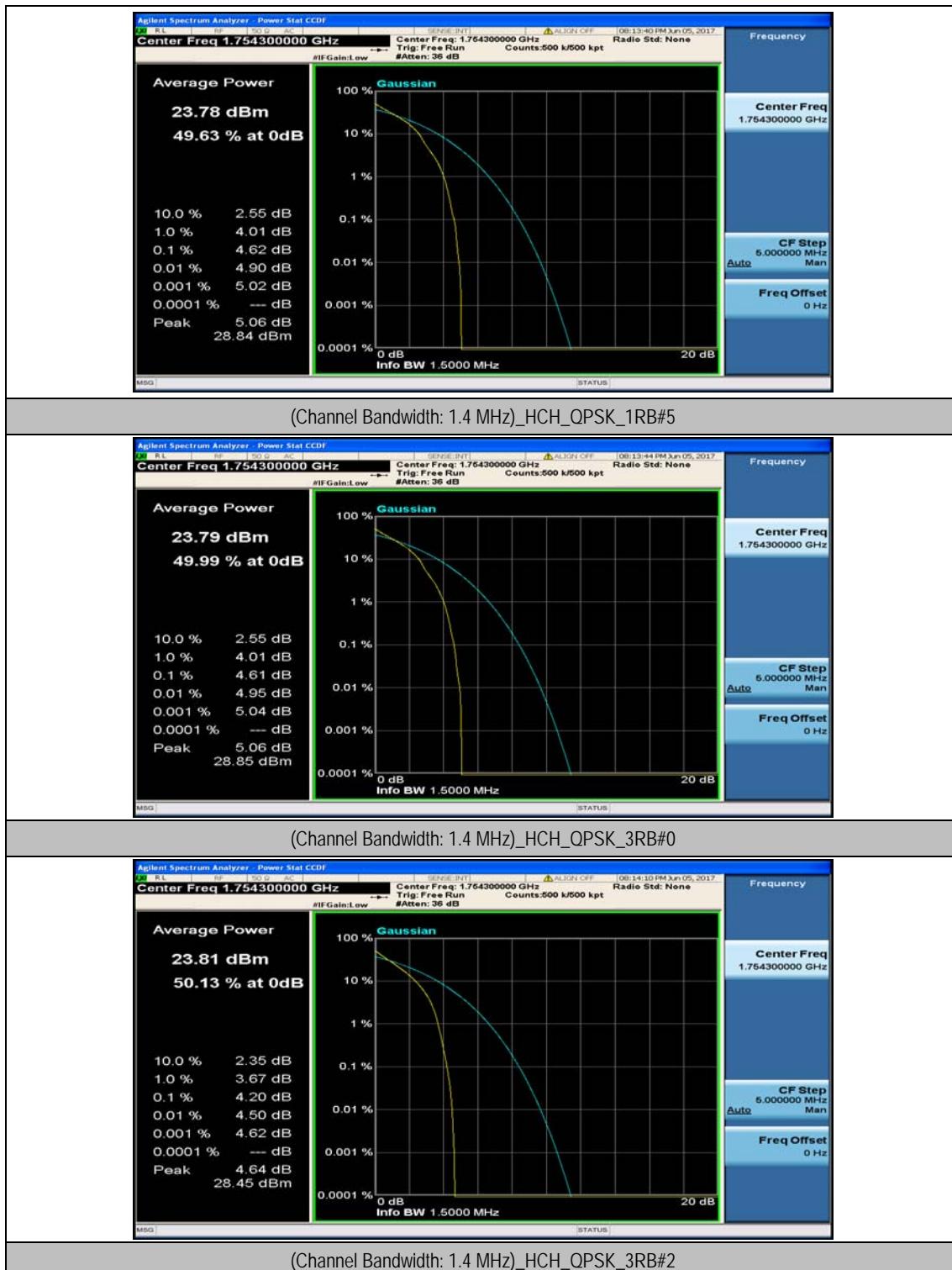


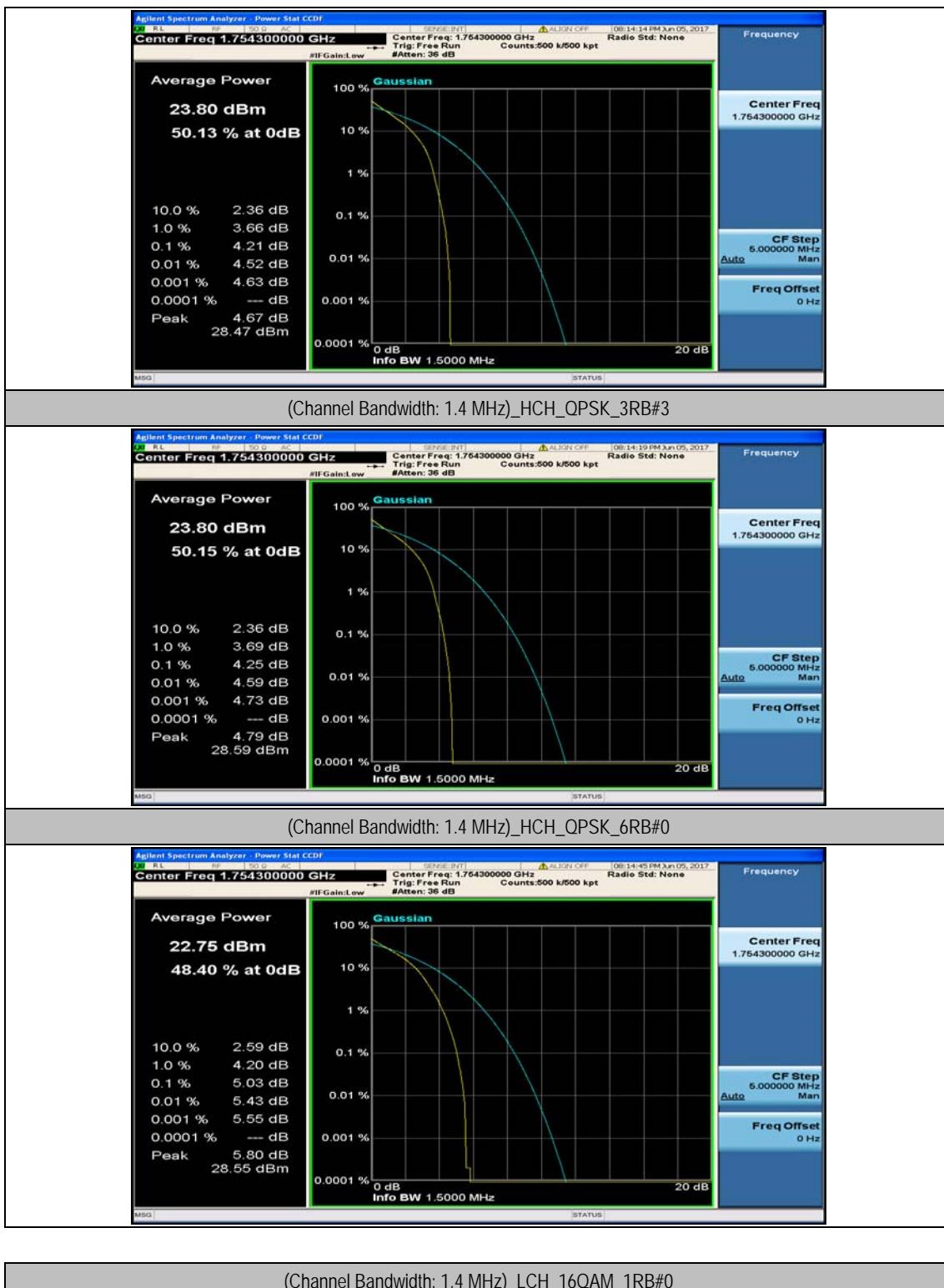


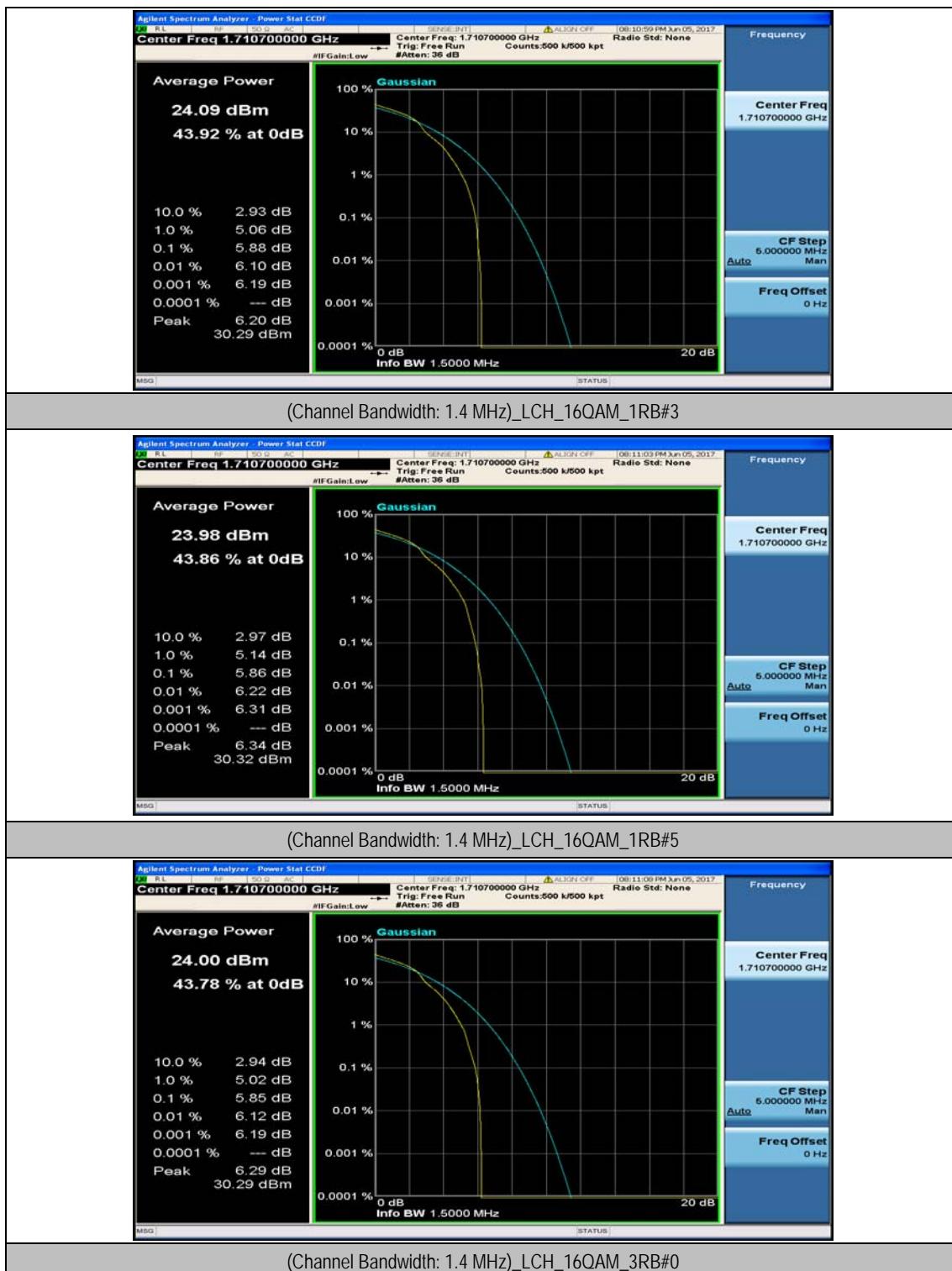


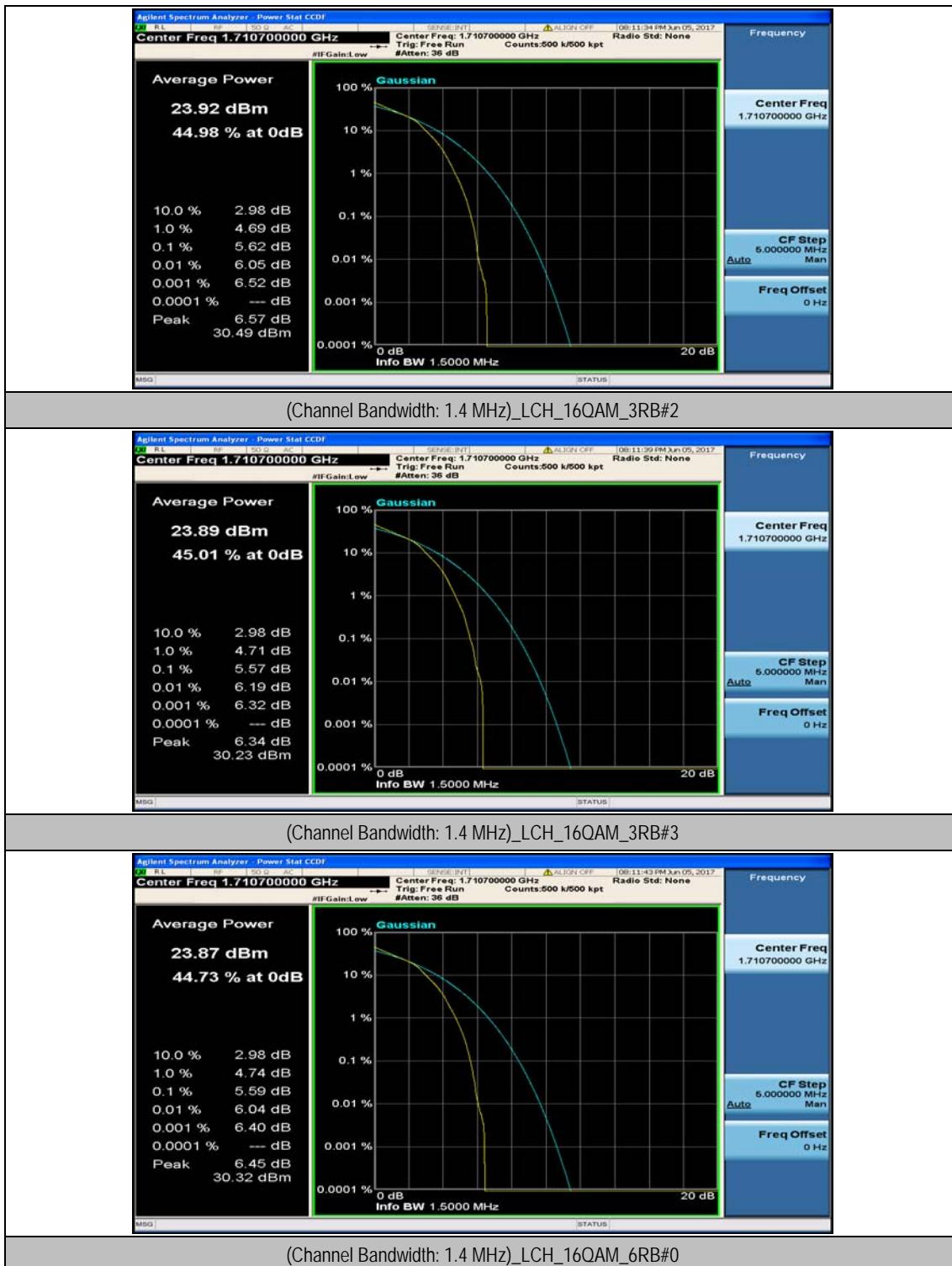


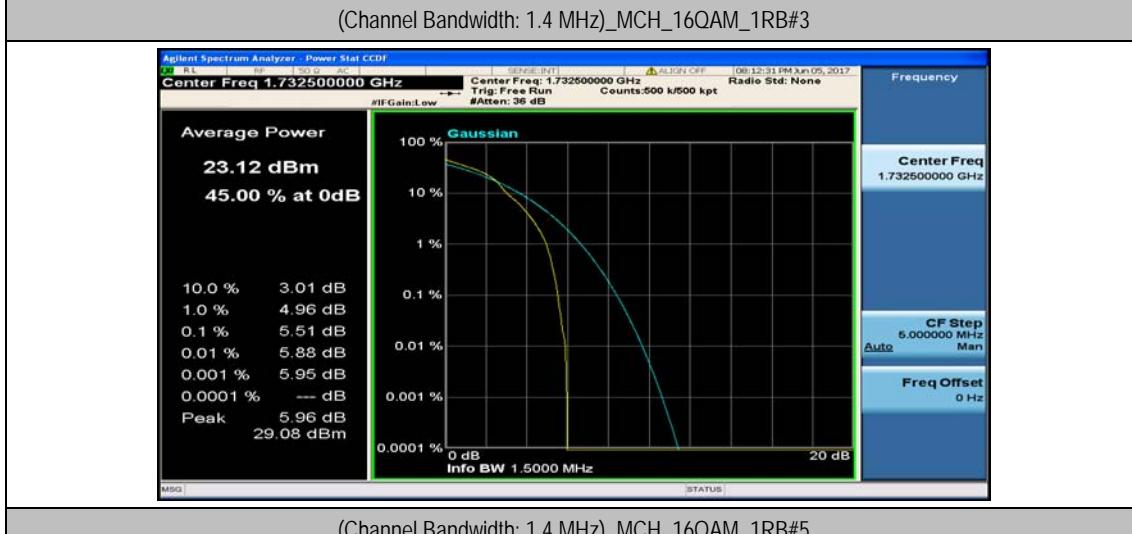
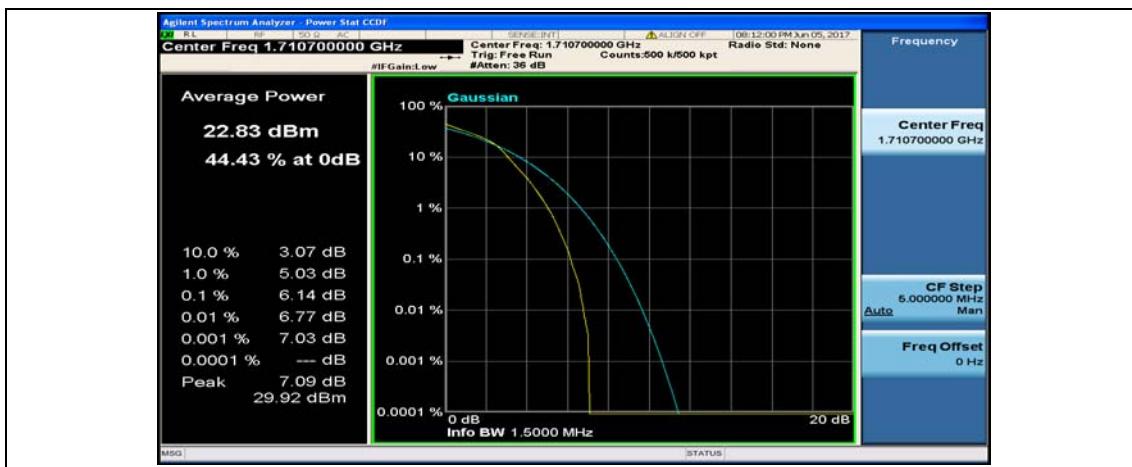


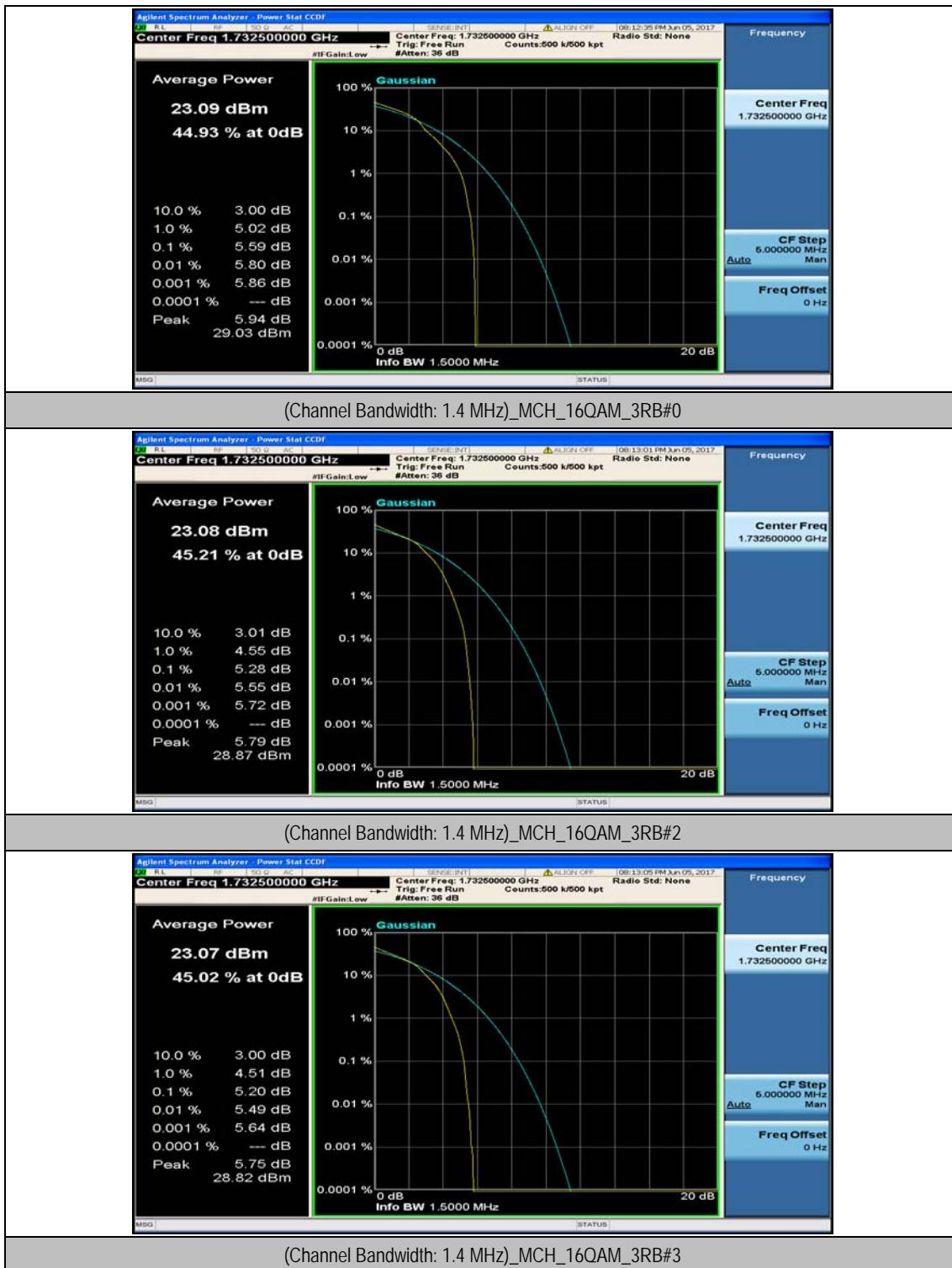


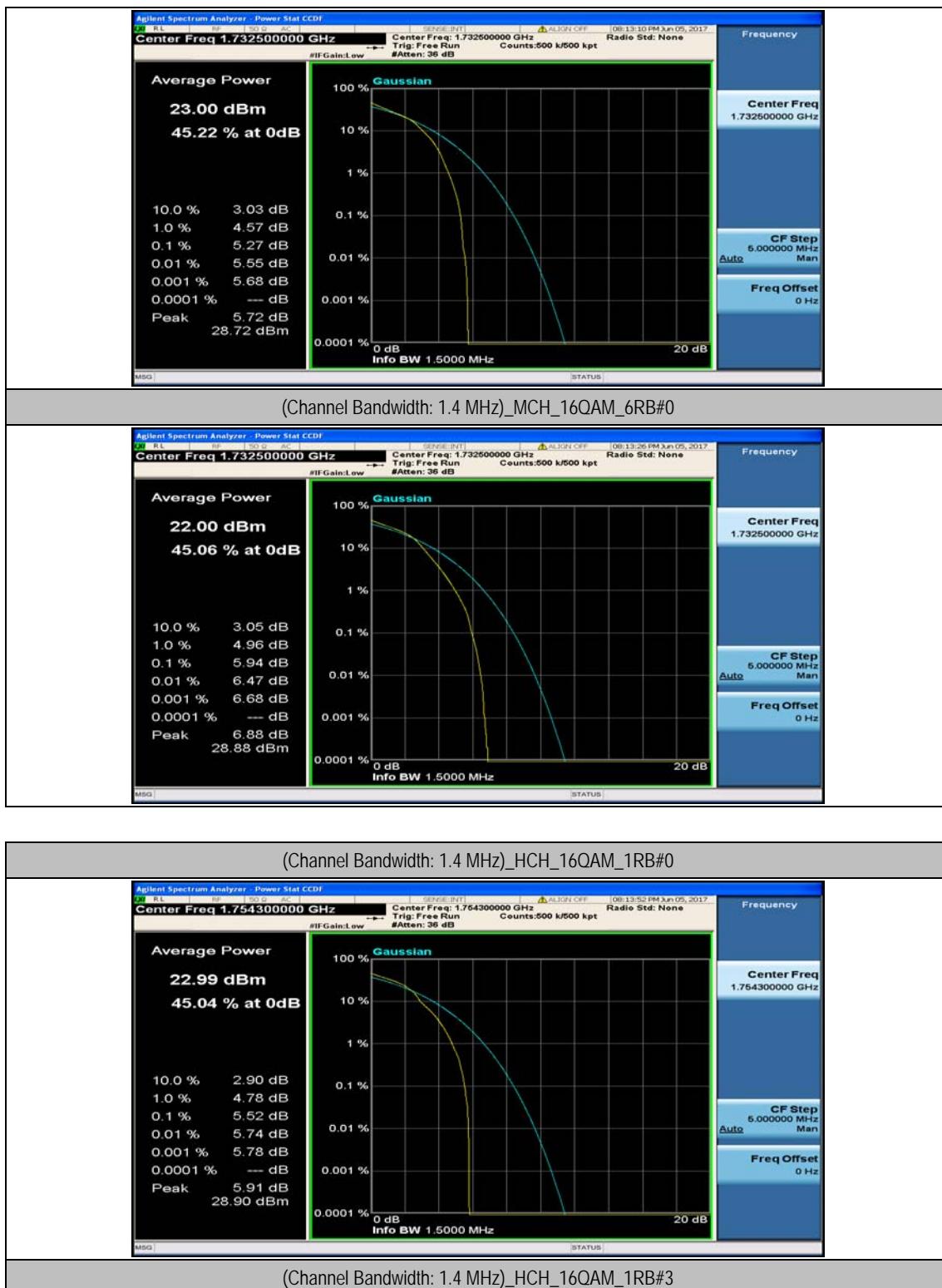


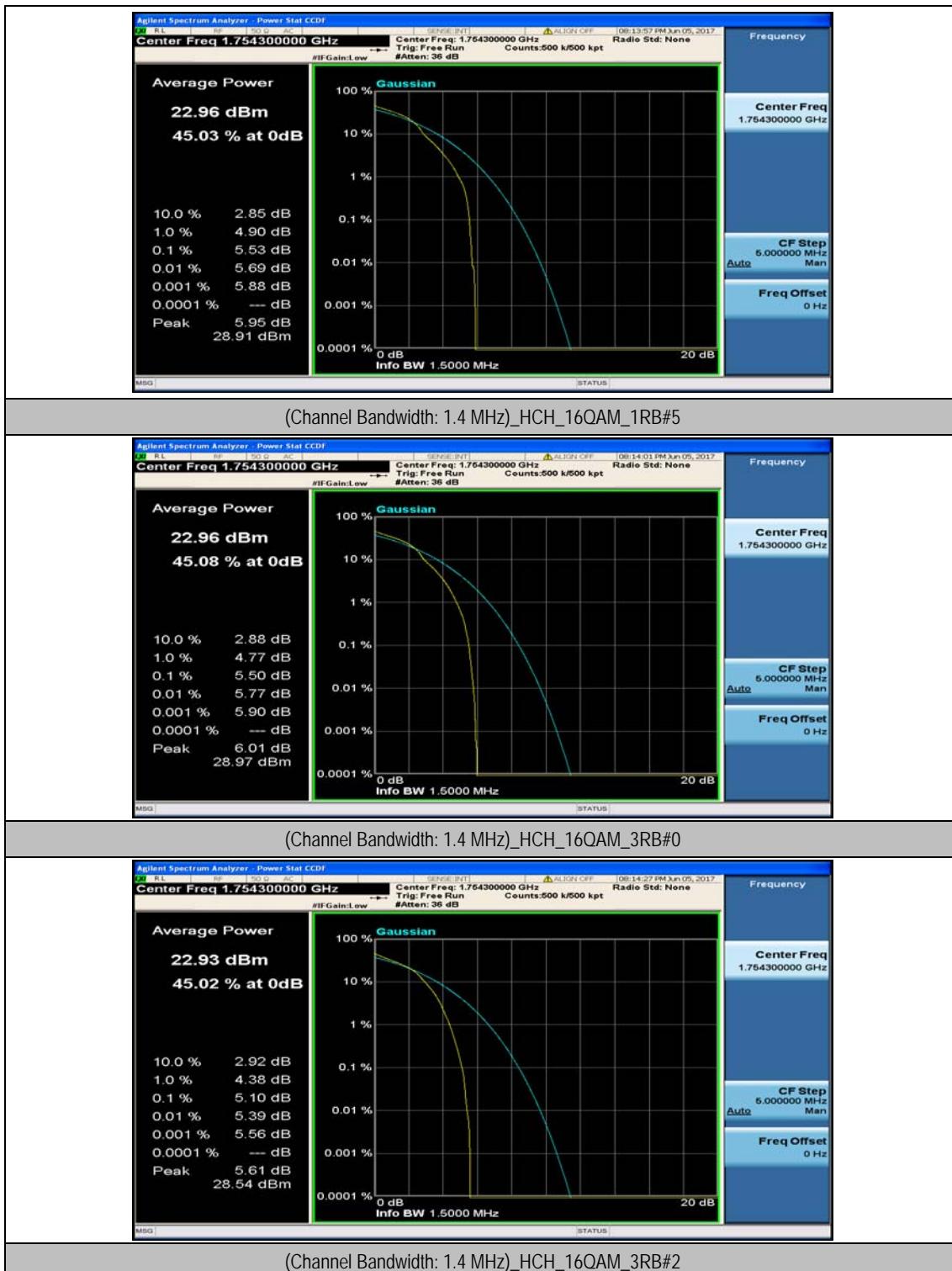


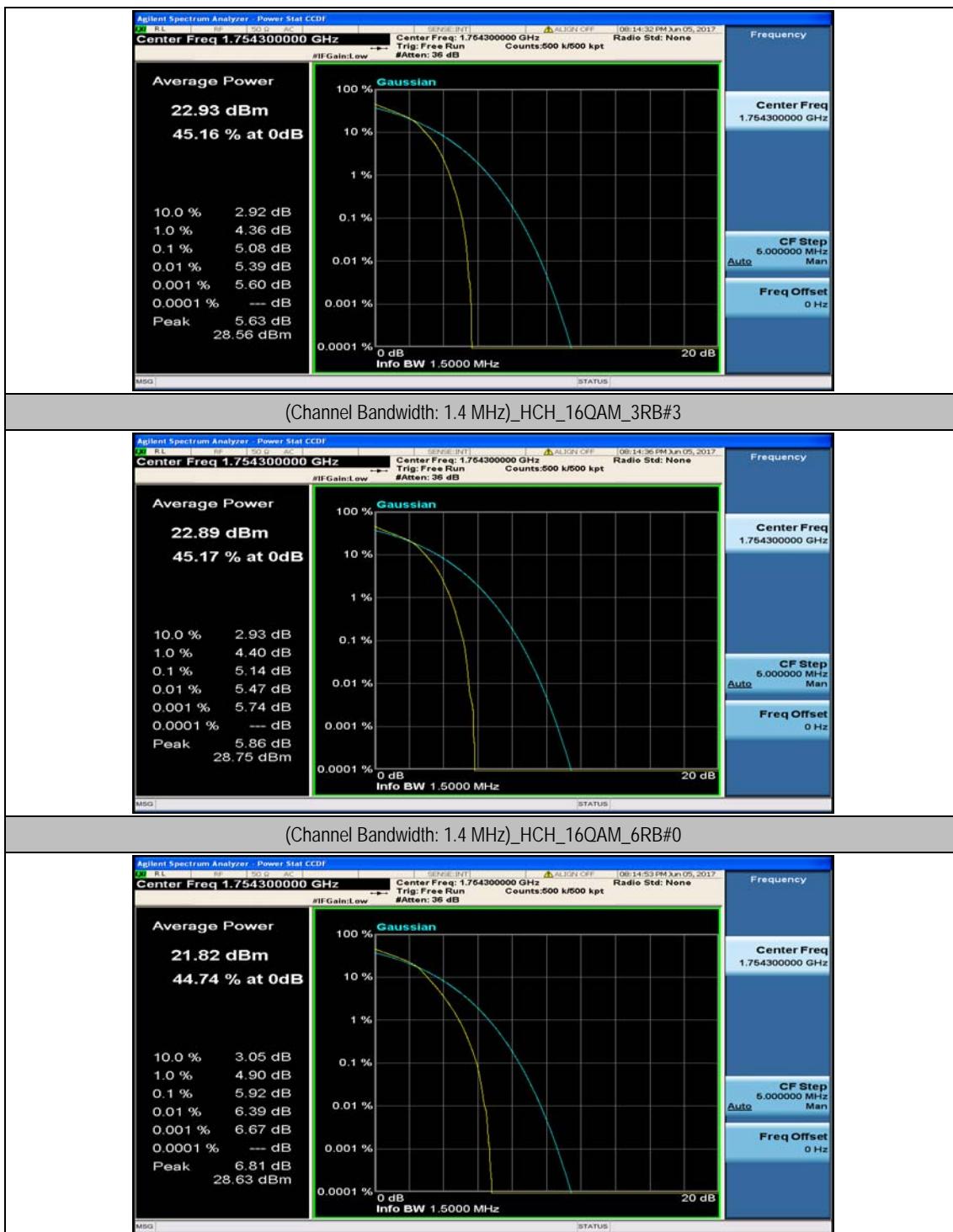




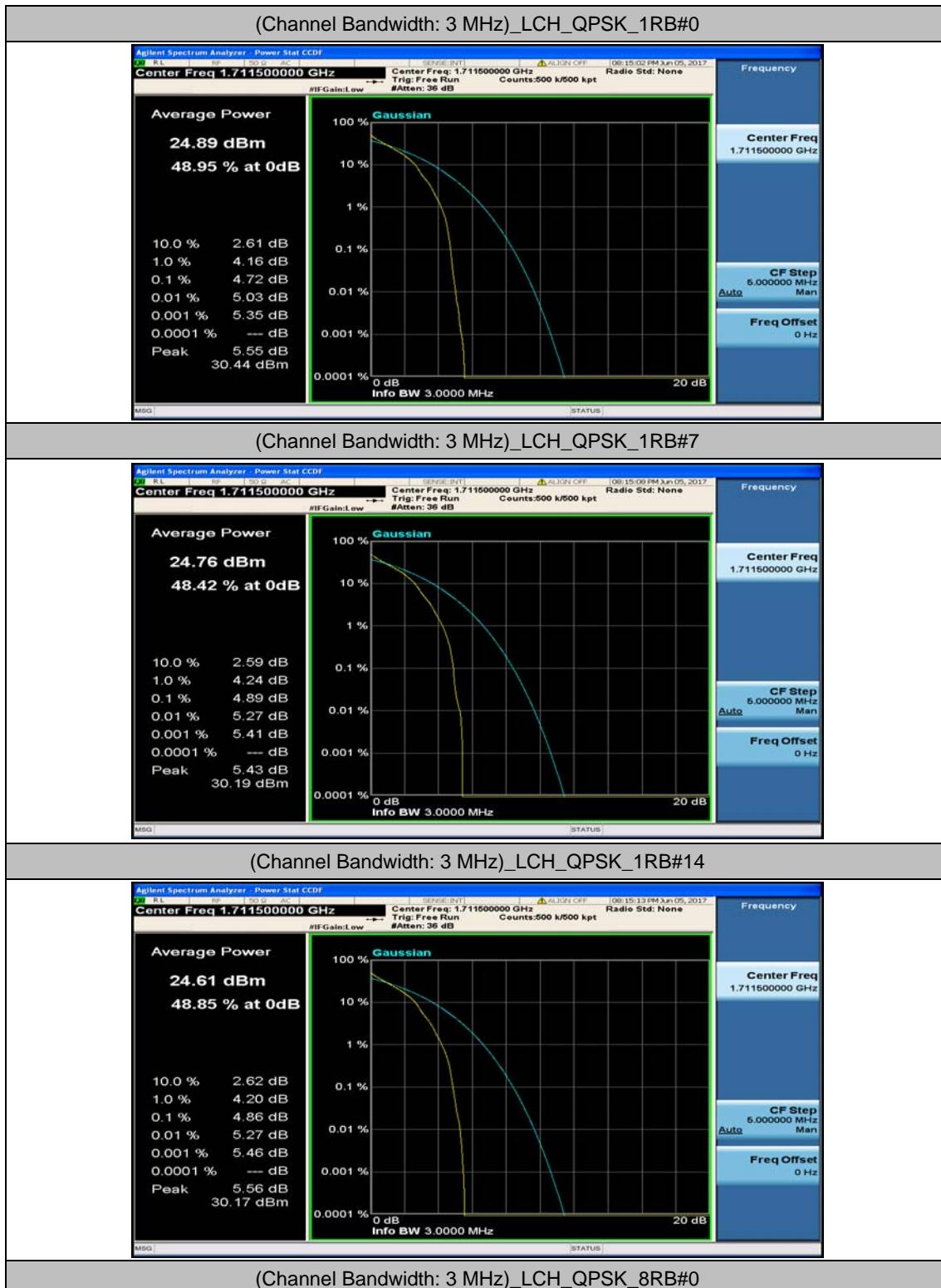


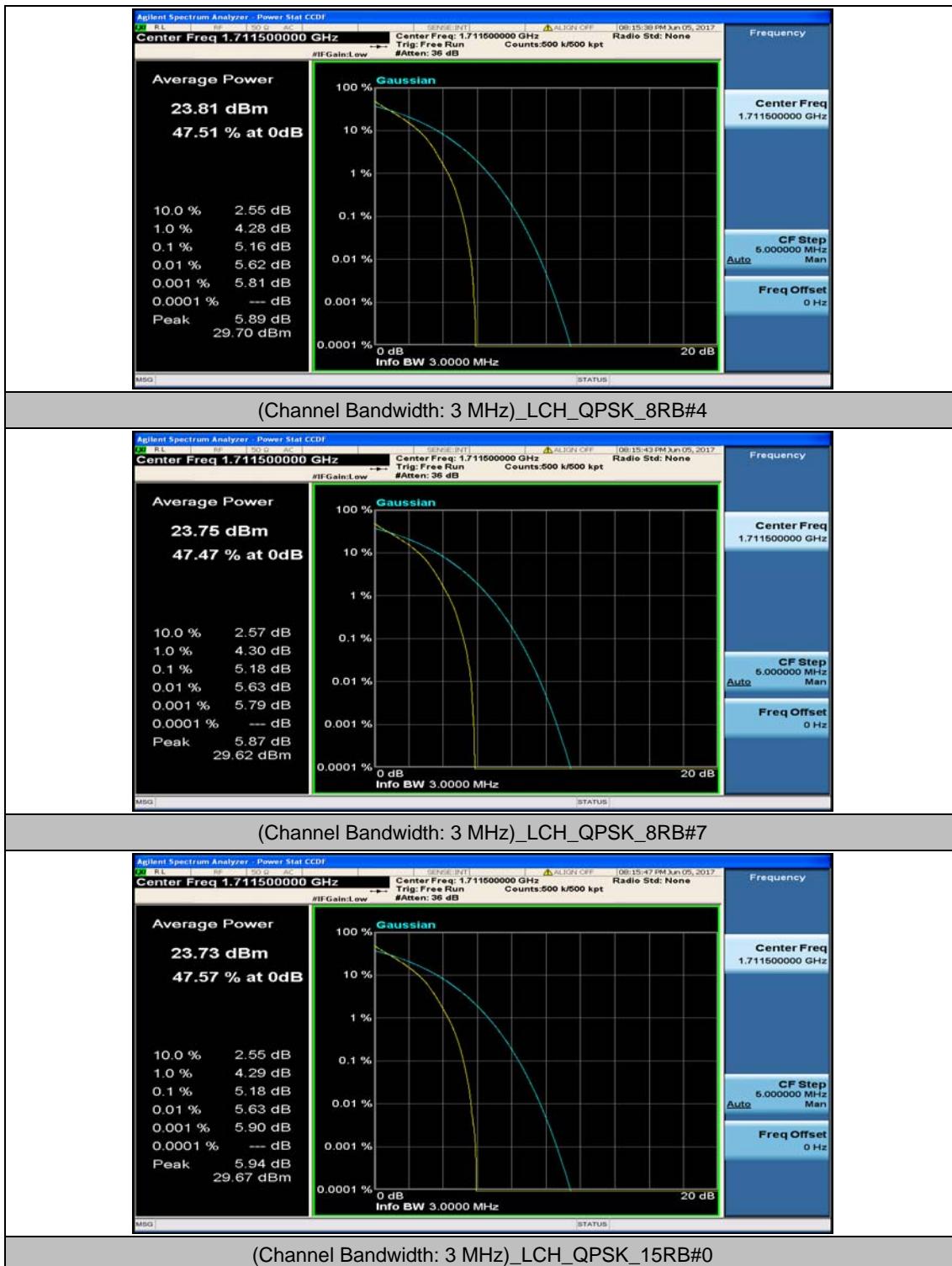


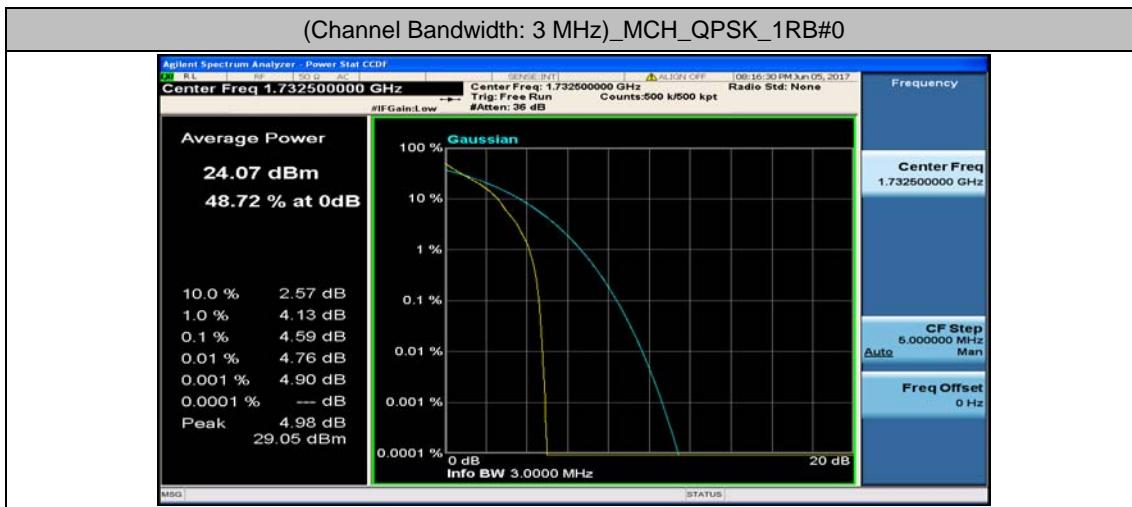
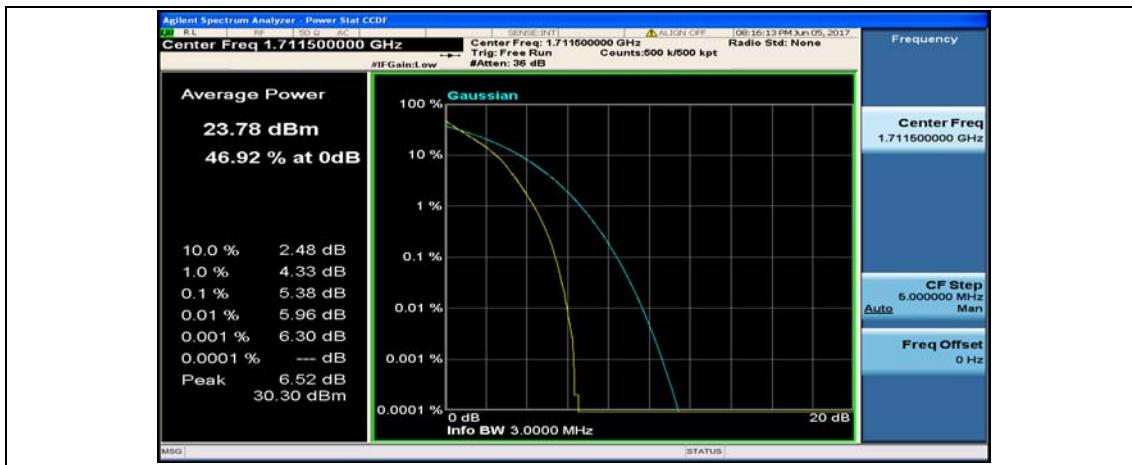




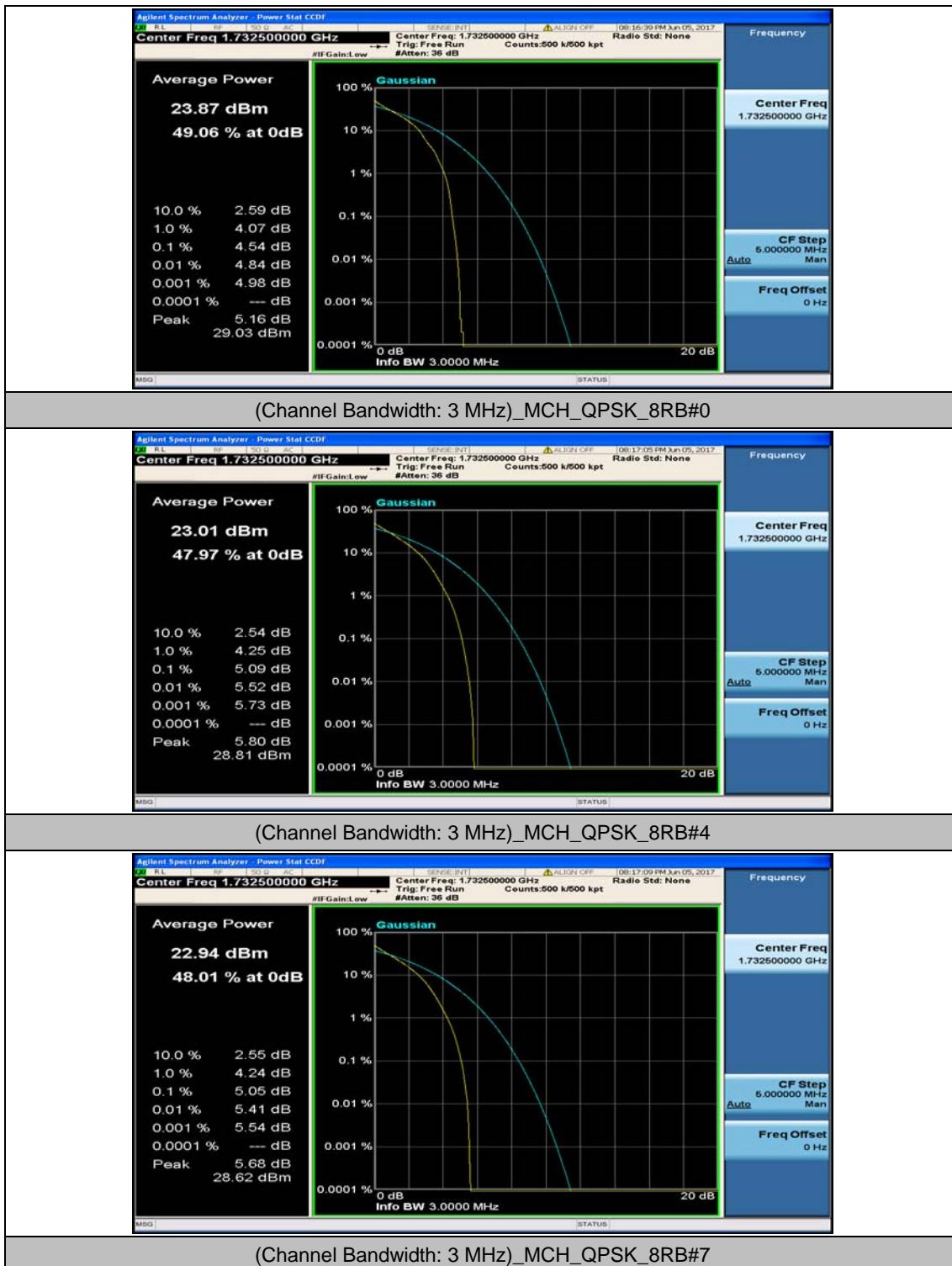
Channel Bandwidth: 3 MHz

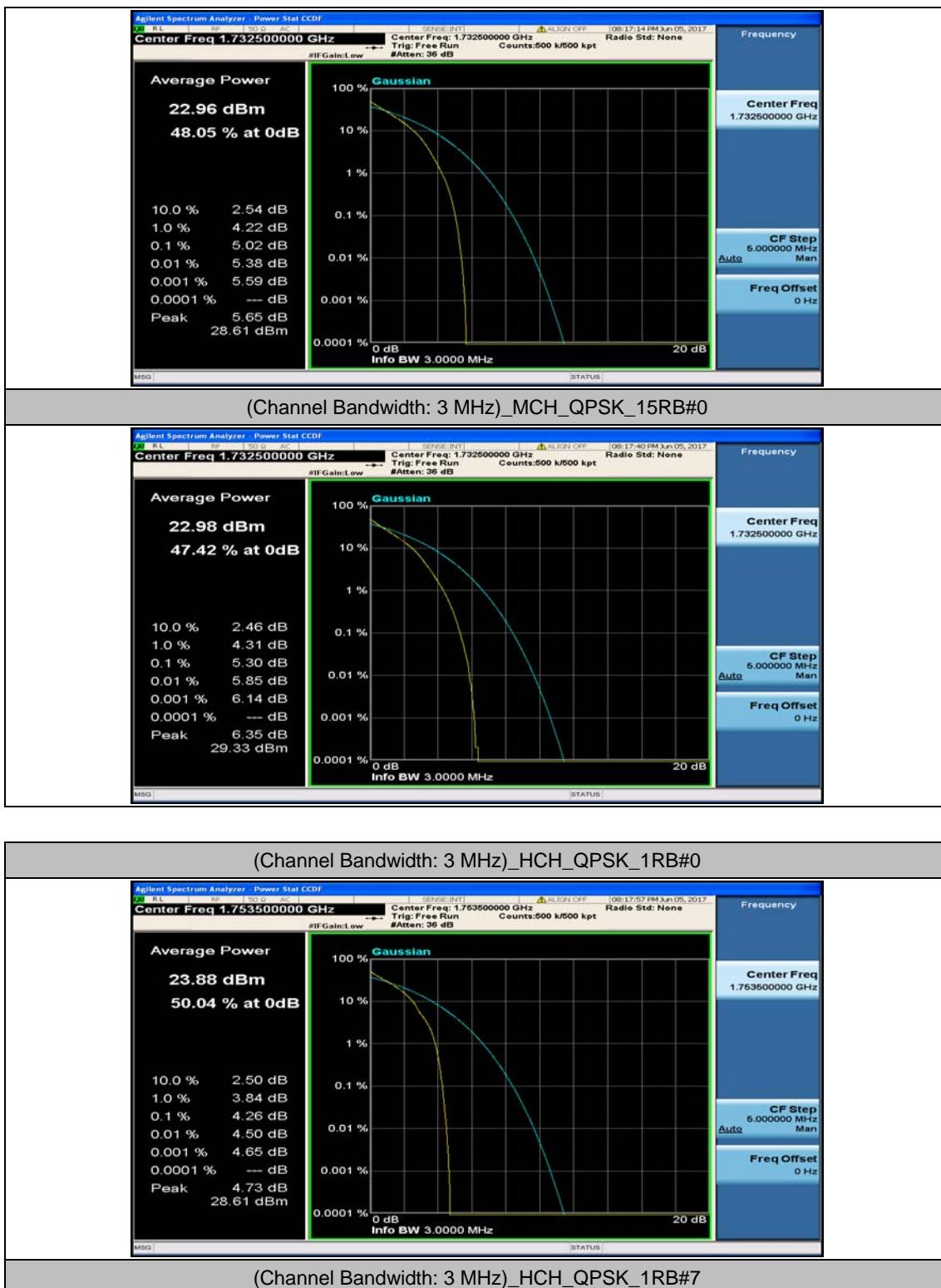


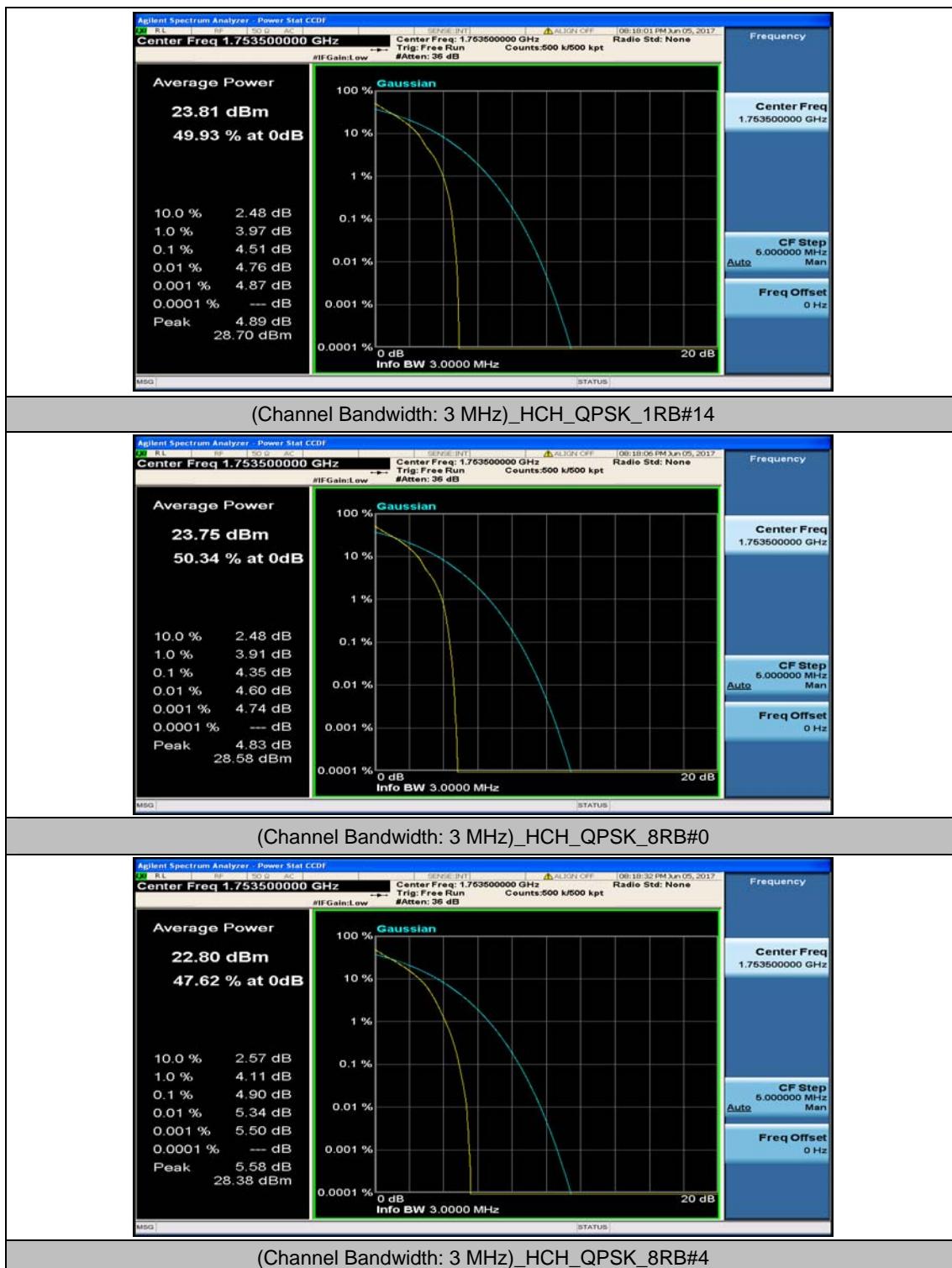


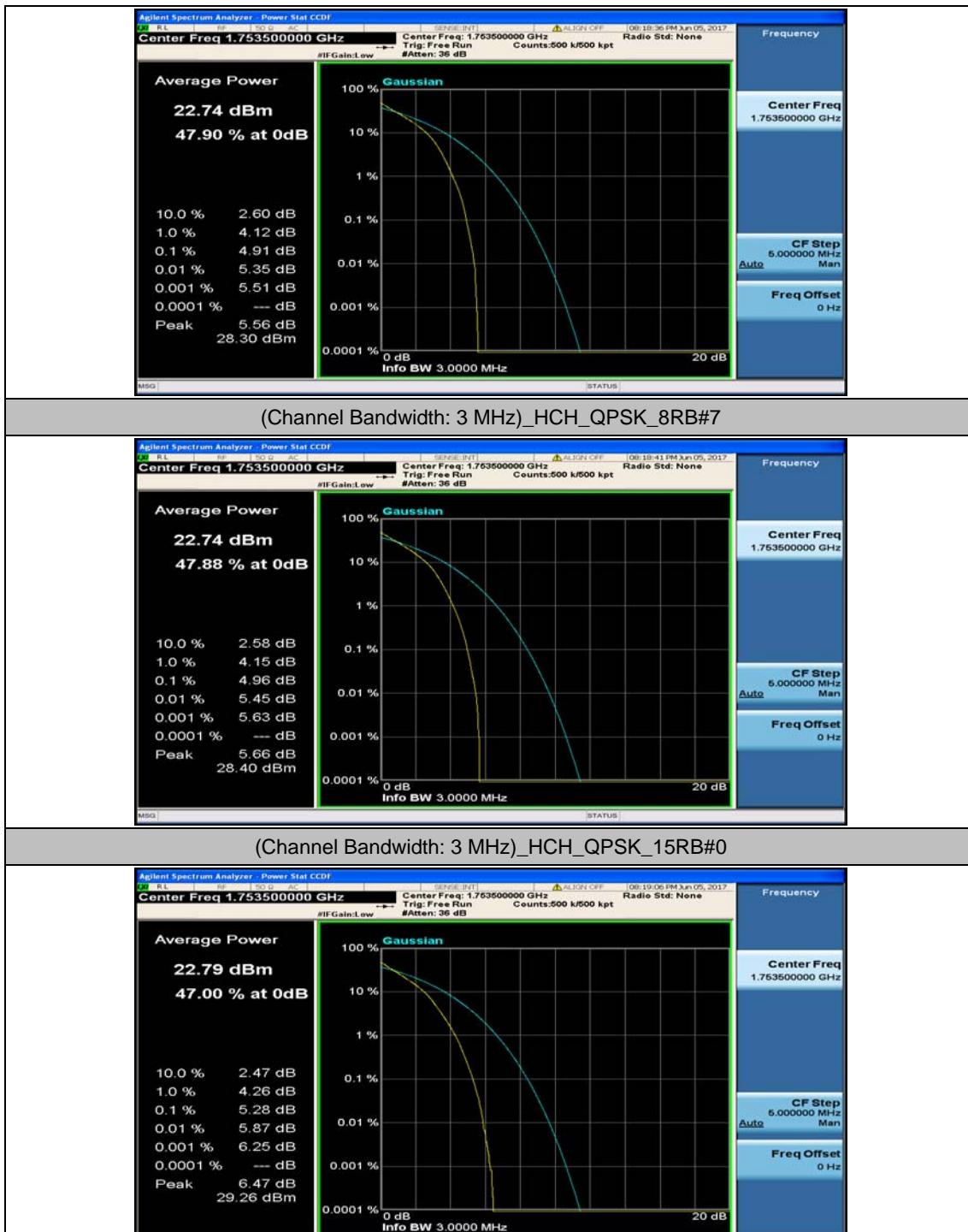


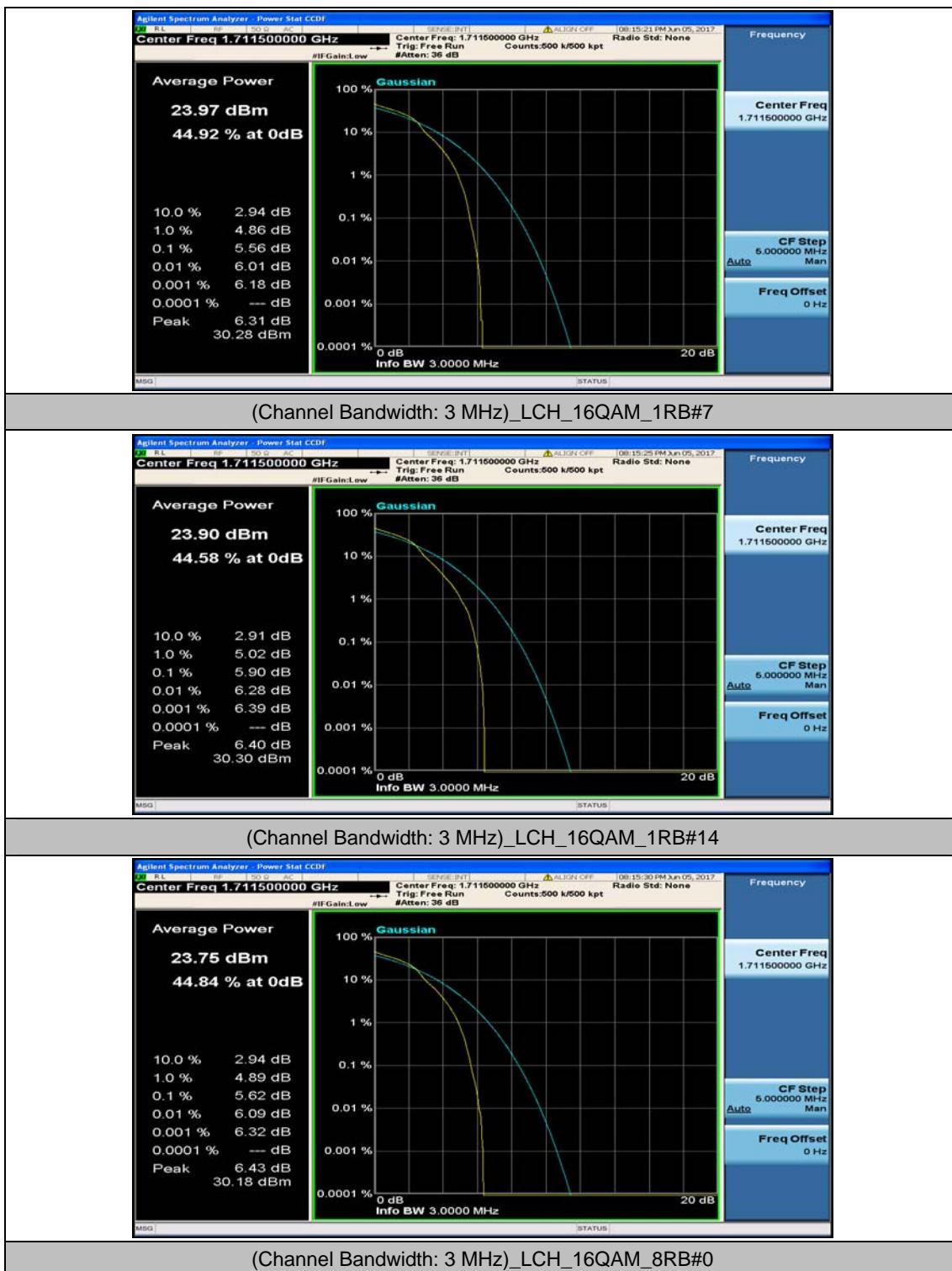
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

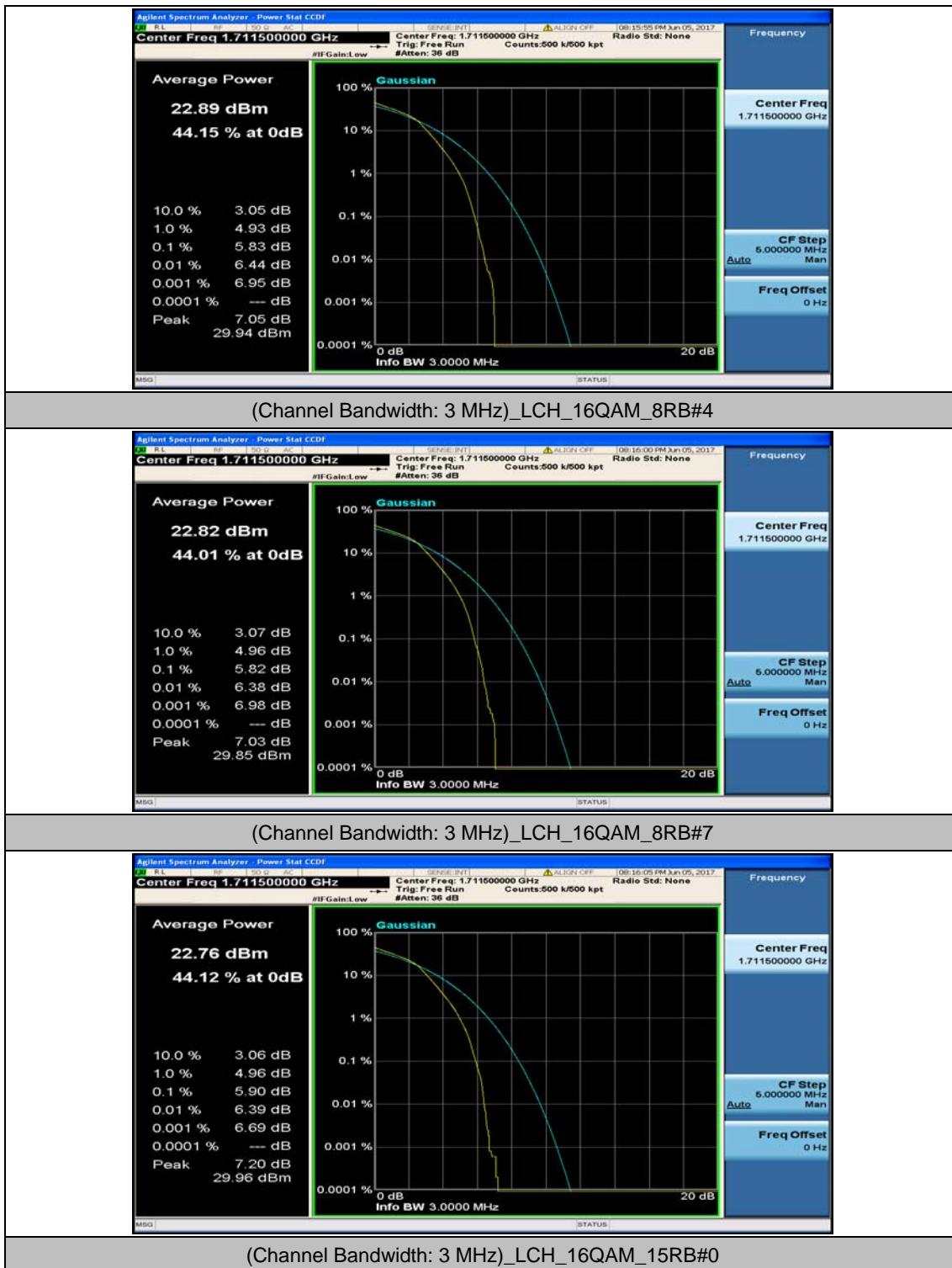


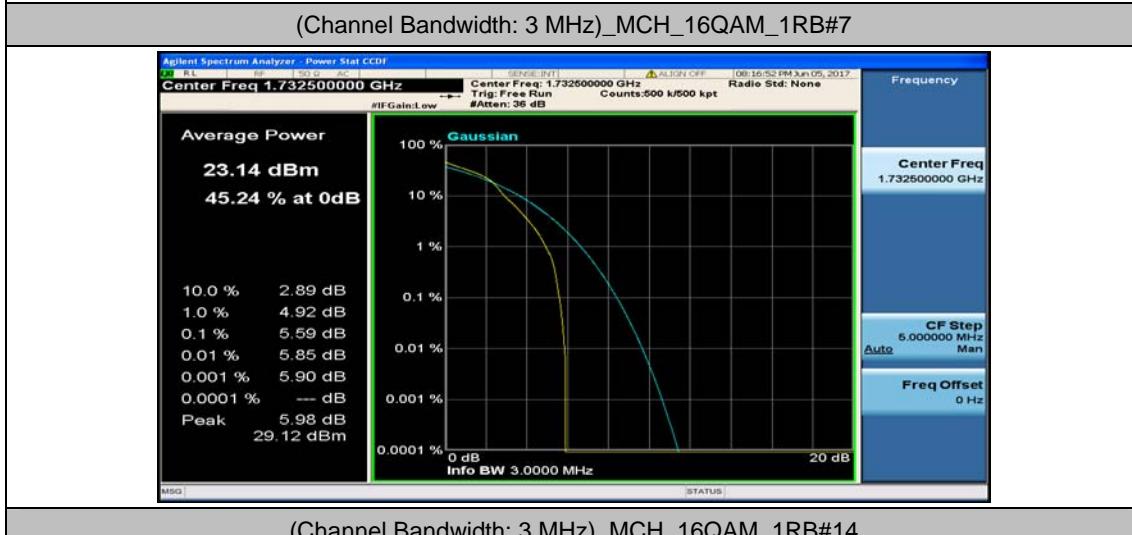
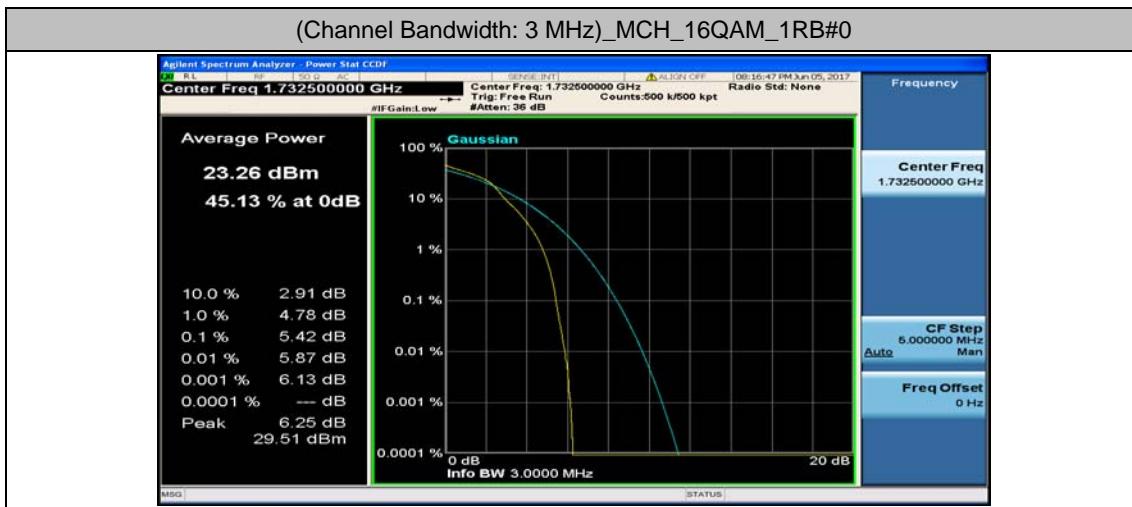
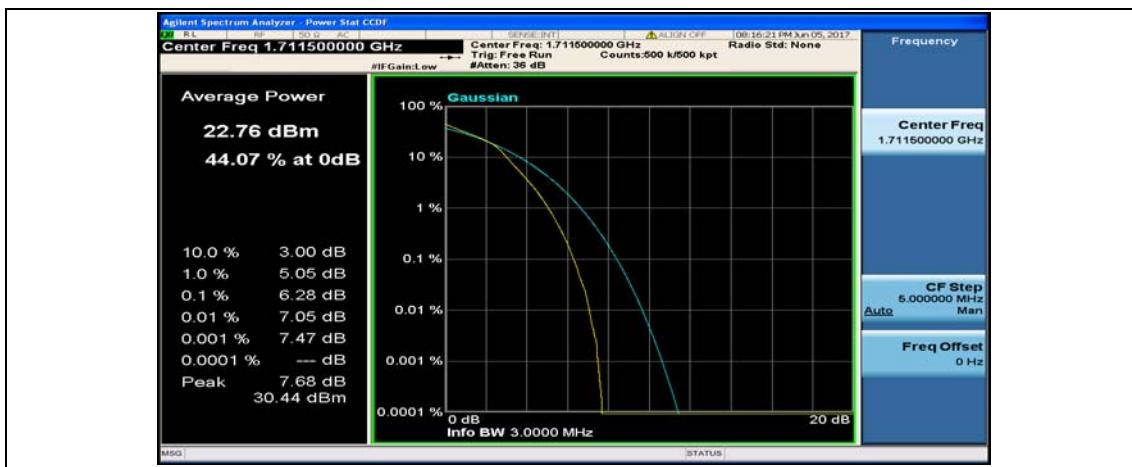




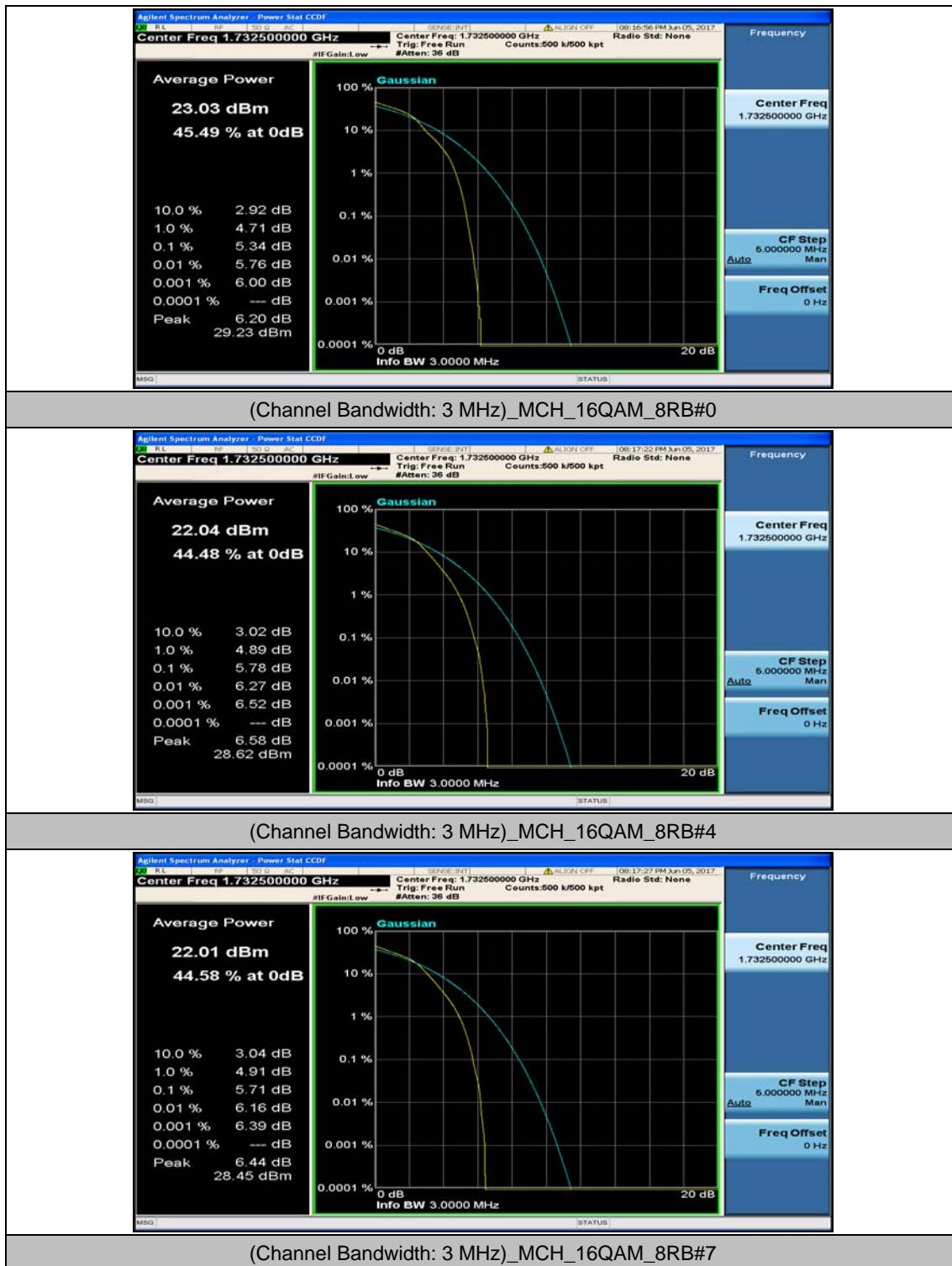


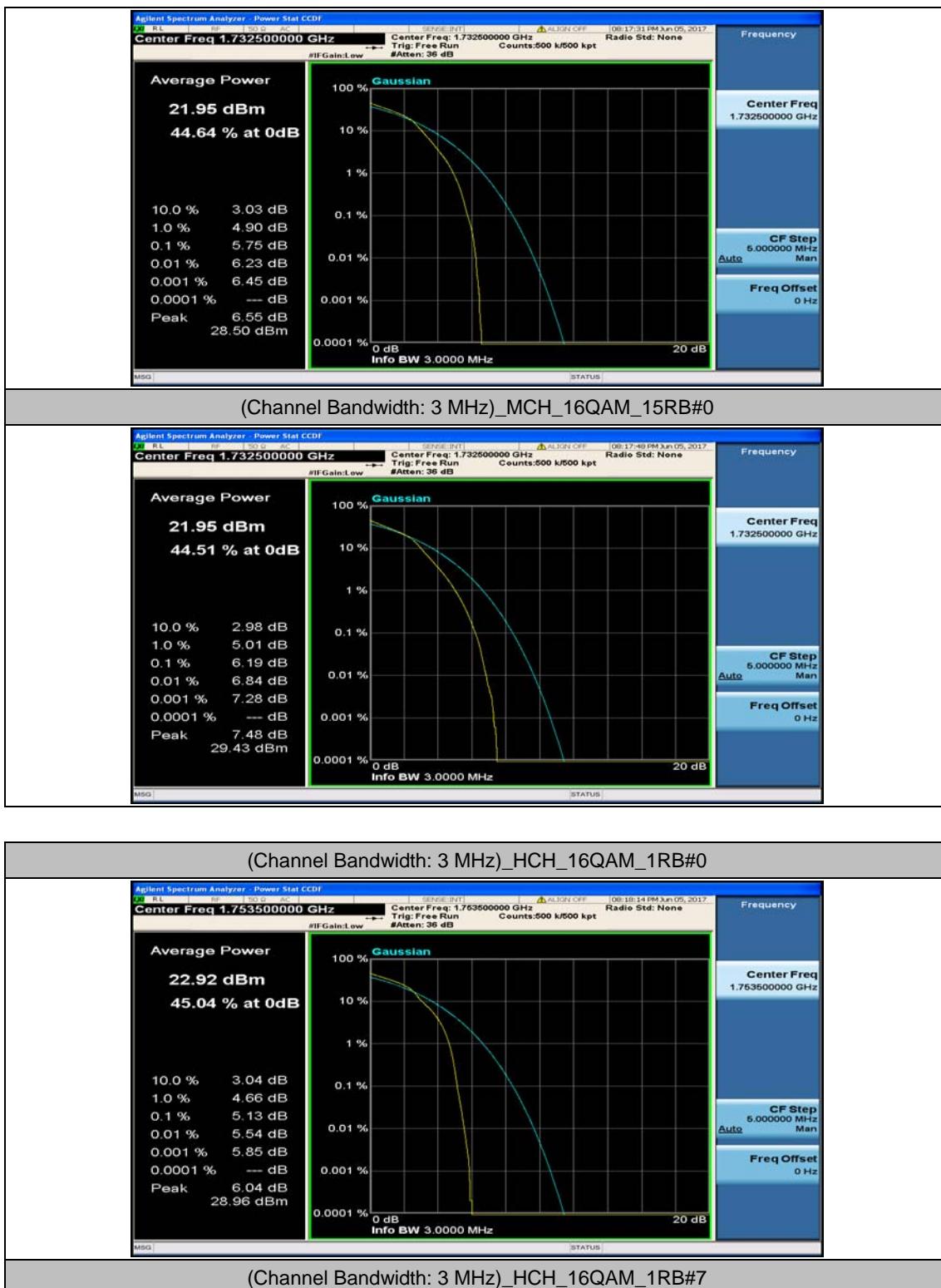


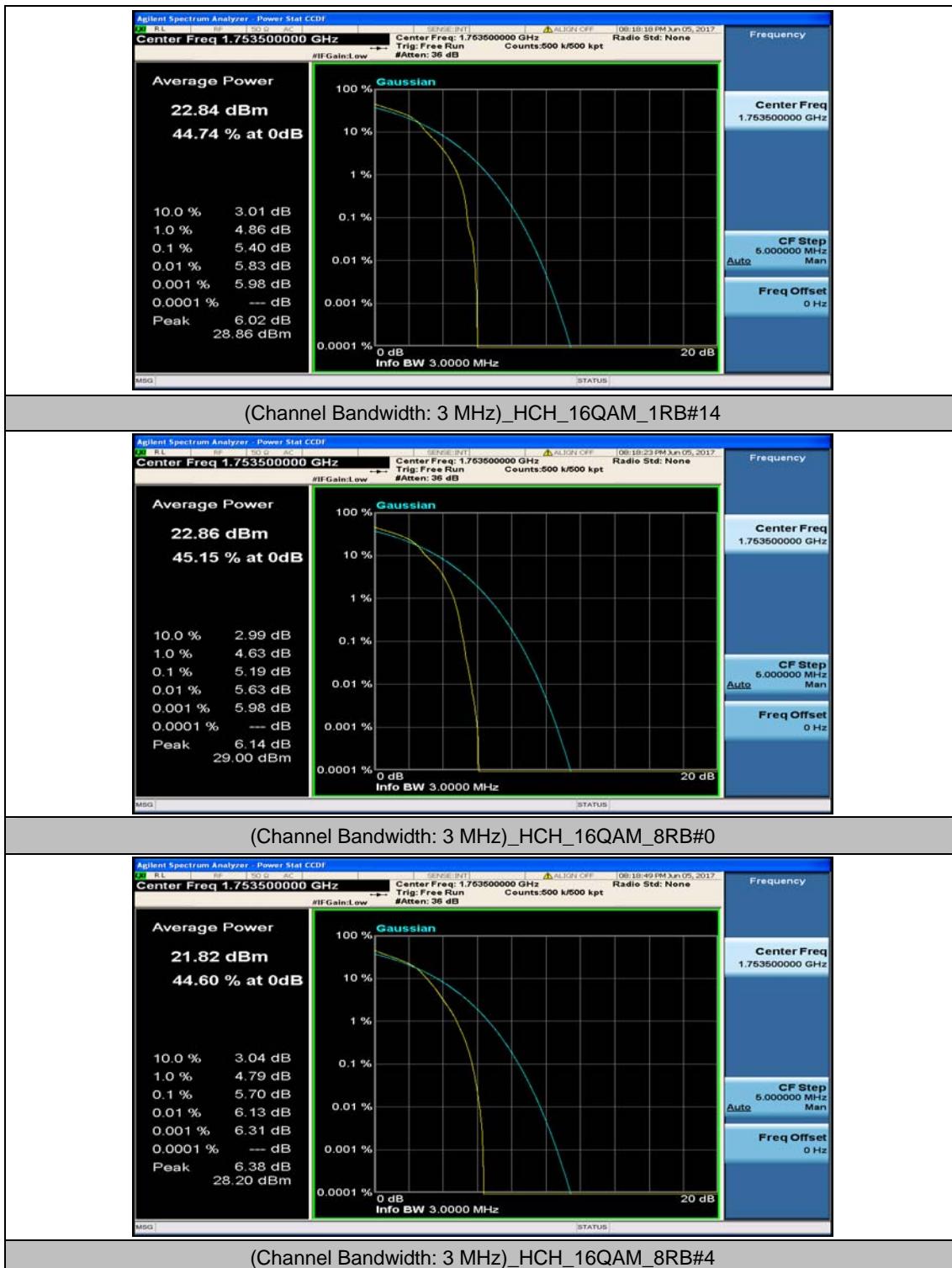


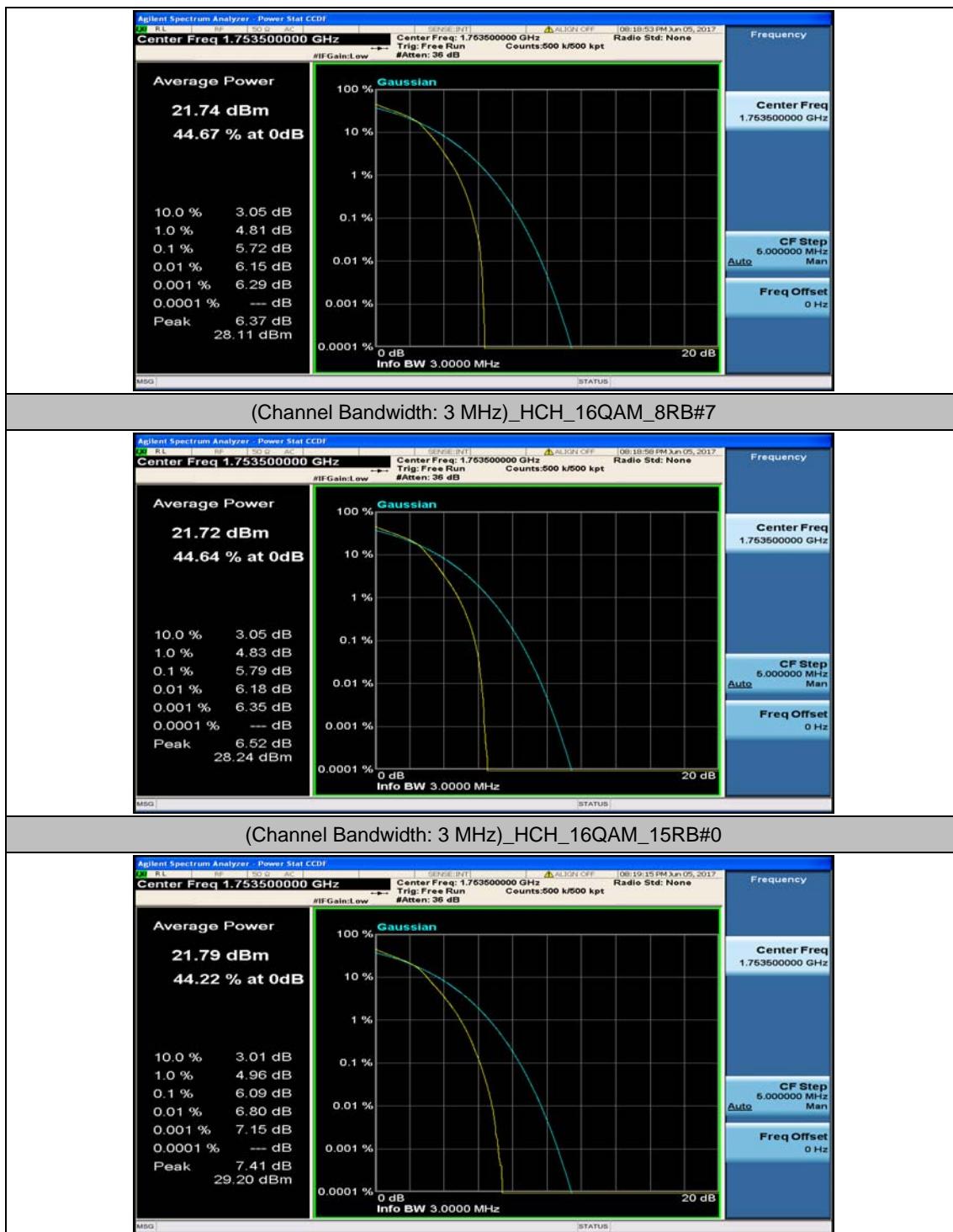


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

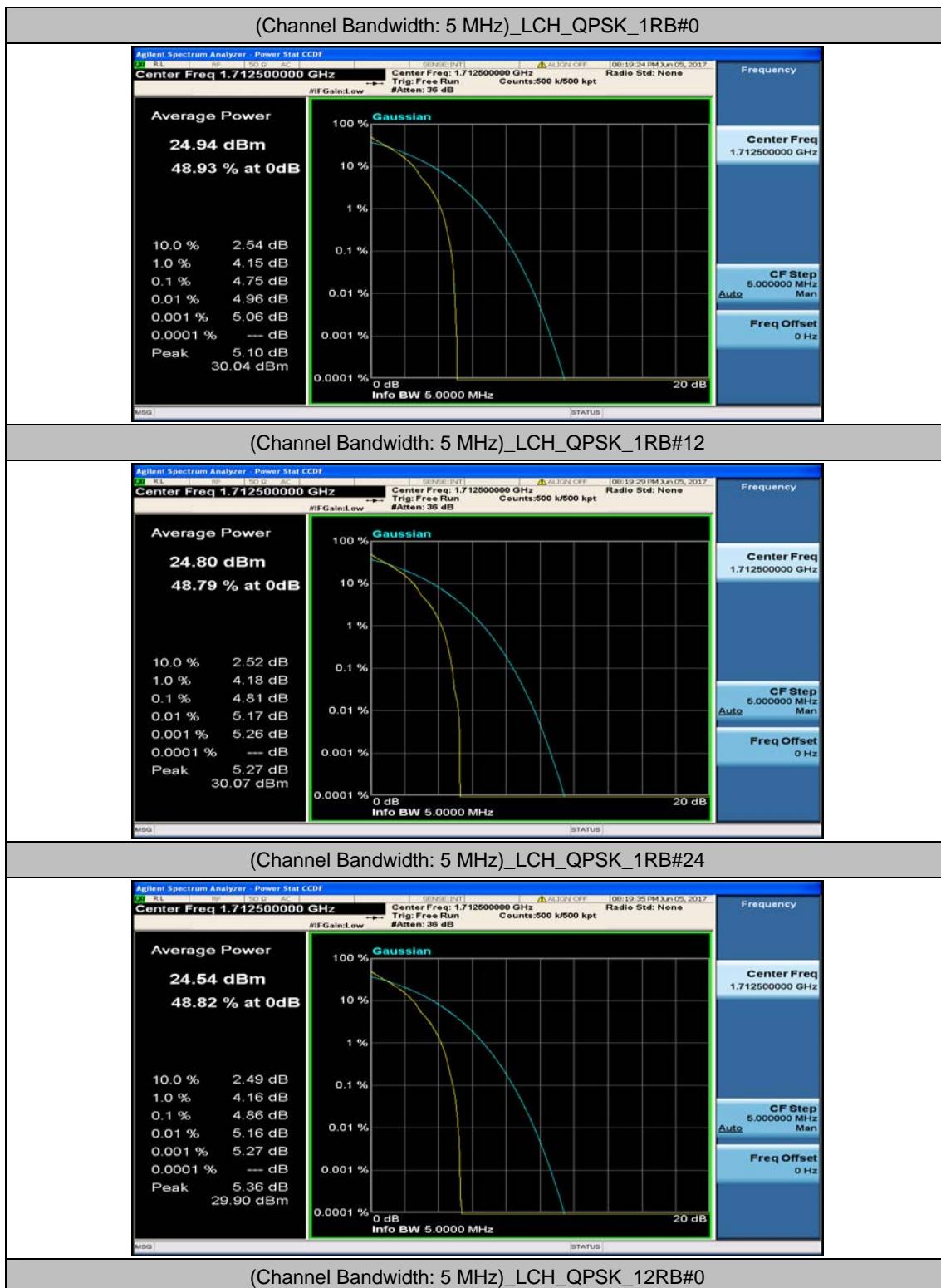


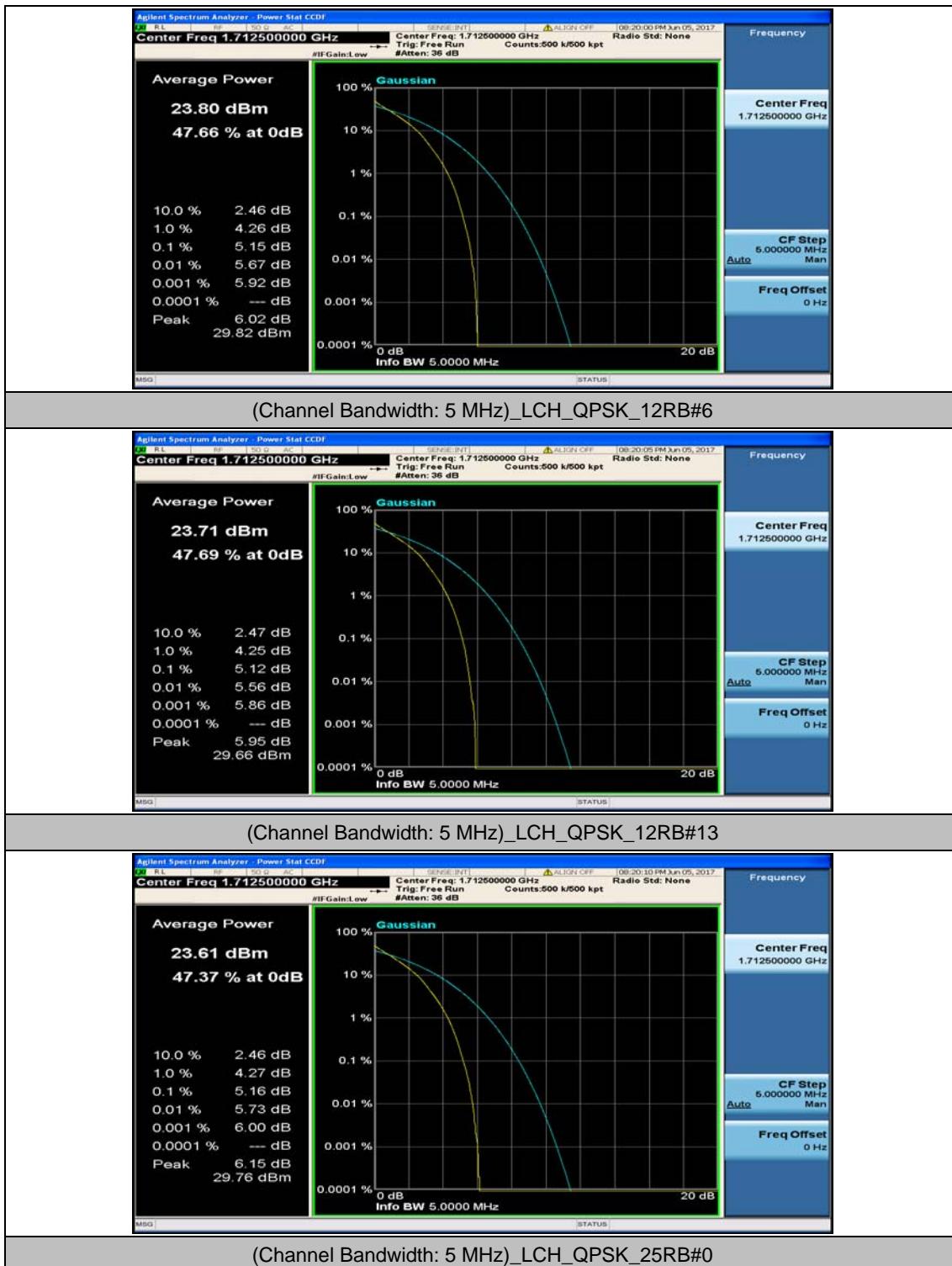


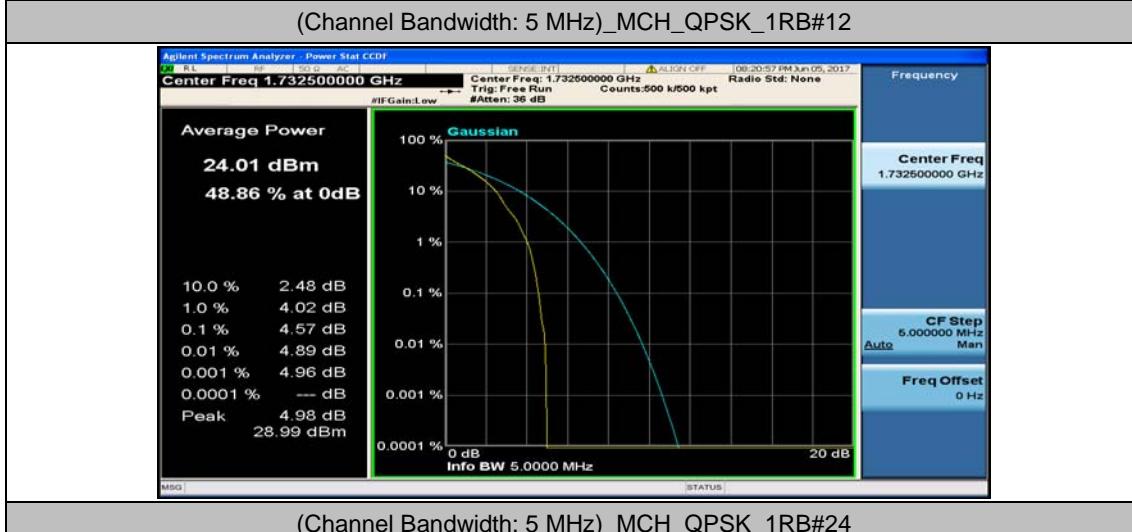
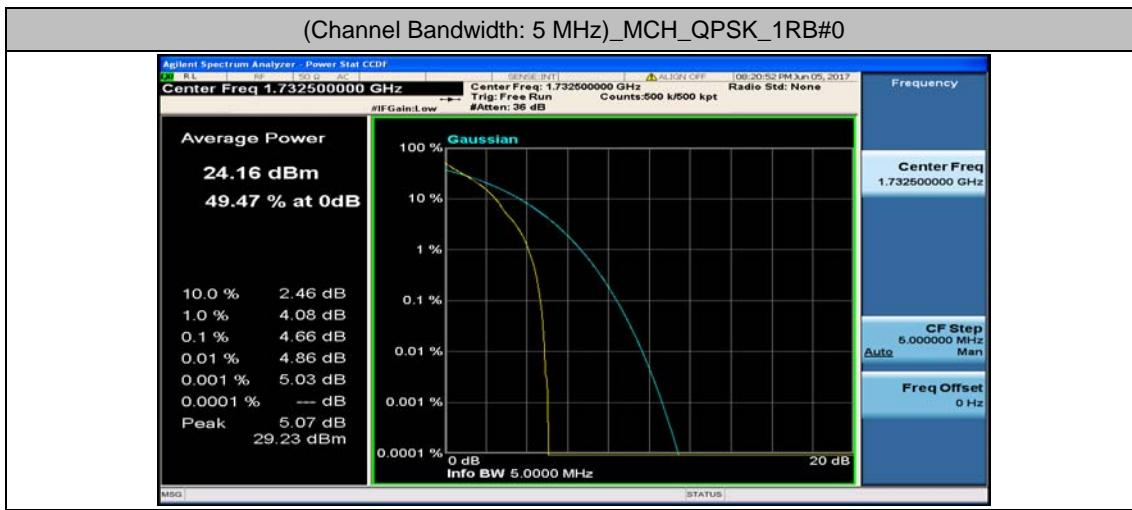
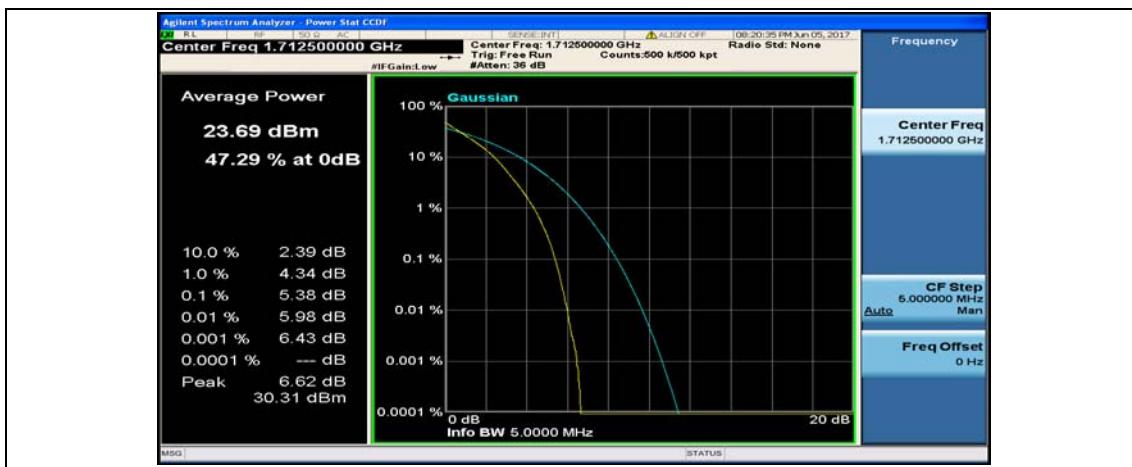


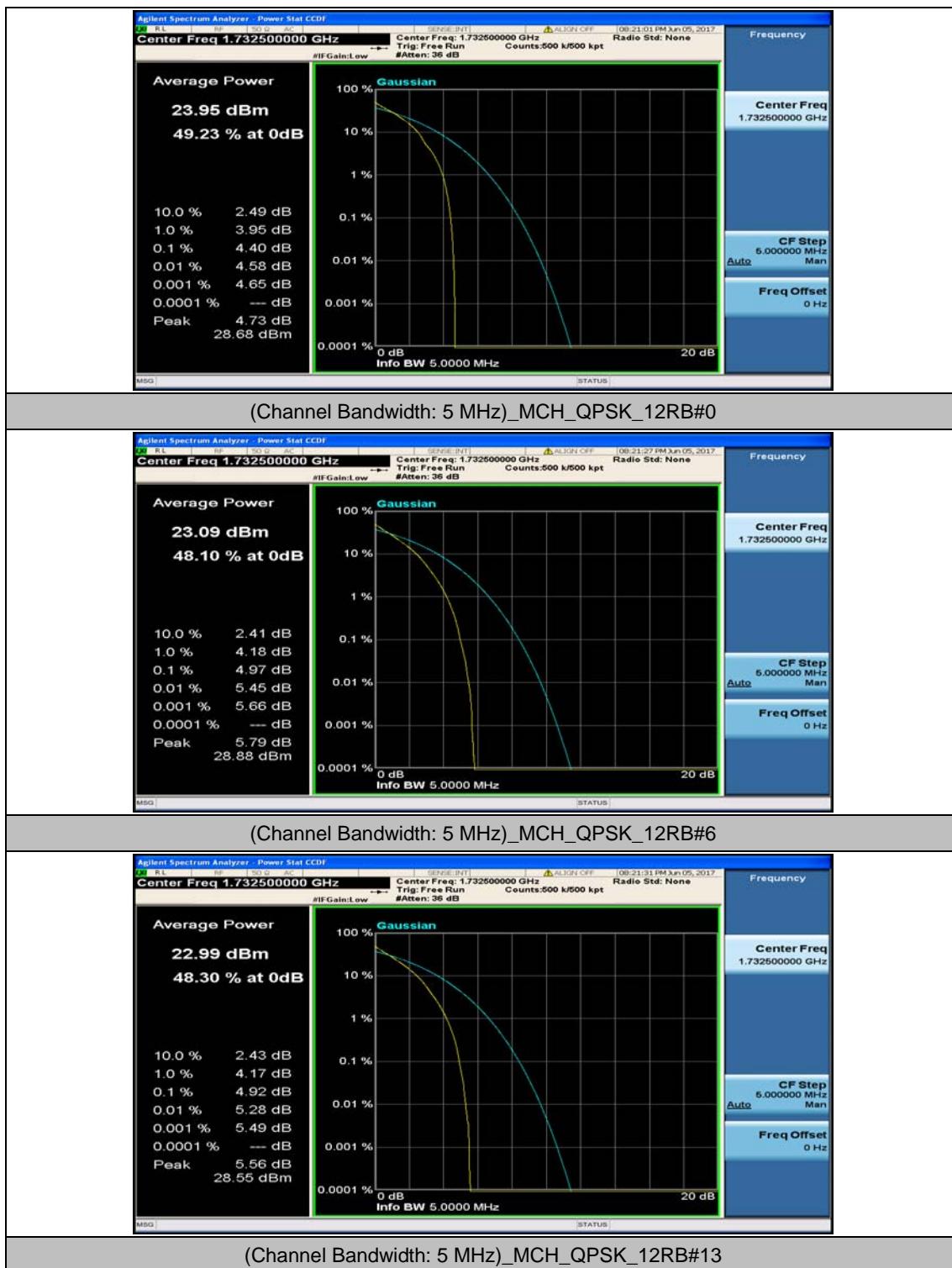


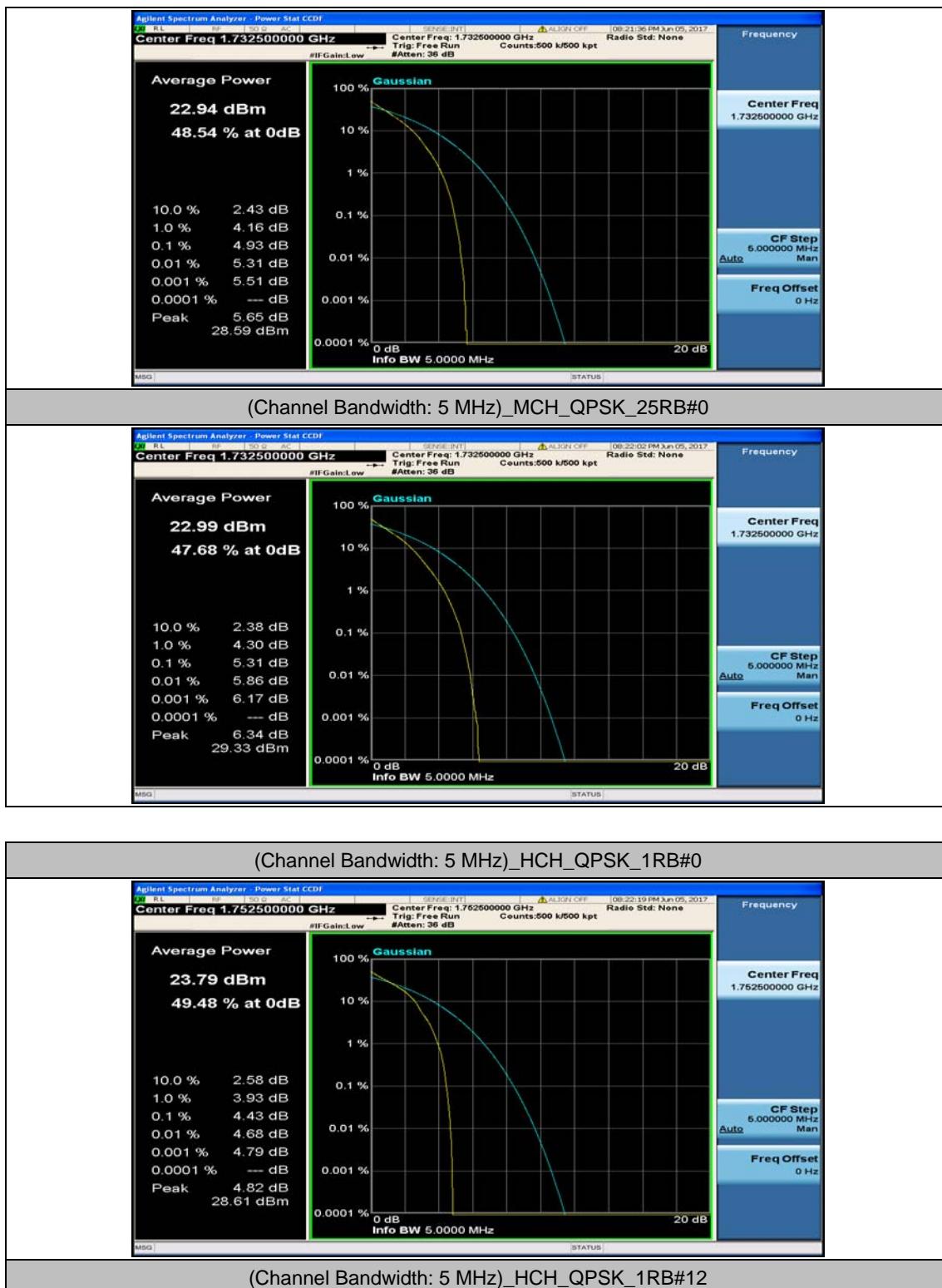
Channel Bandwidth: 5 MHz

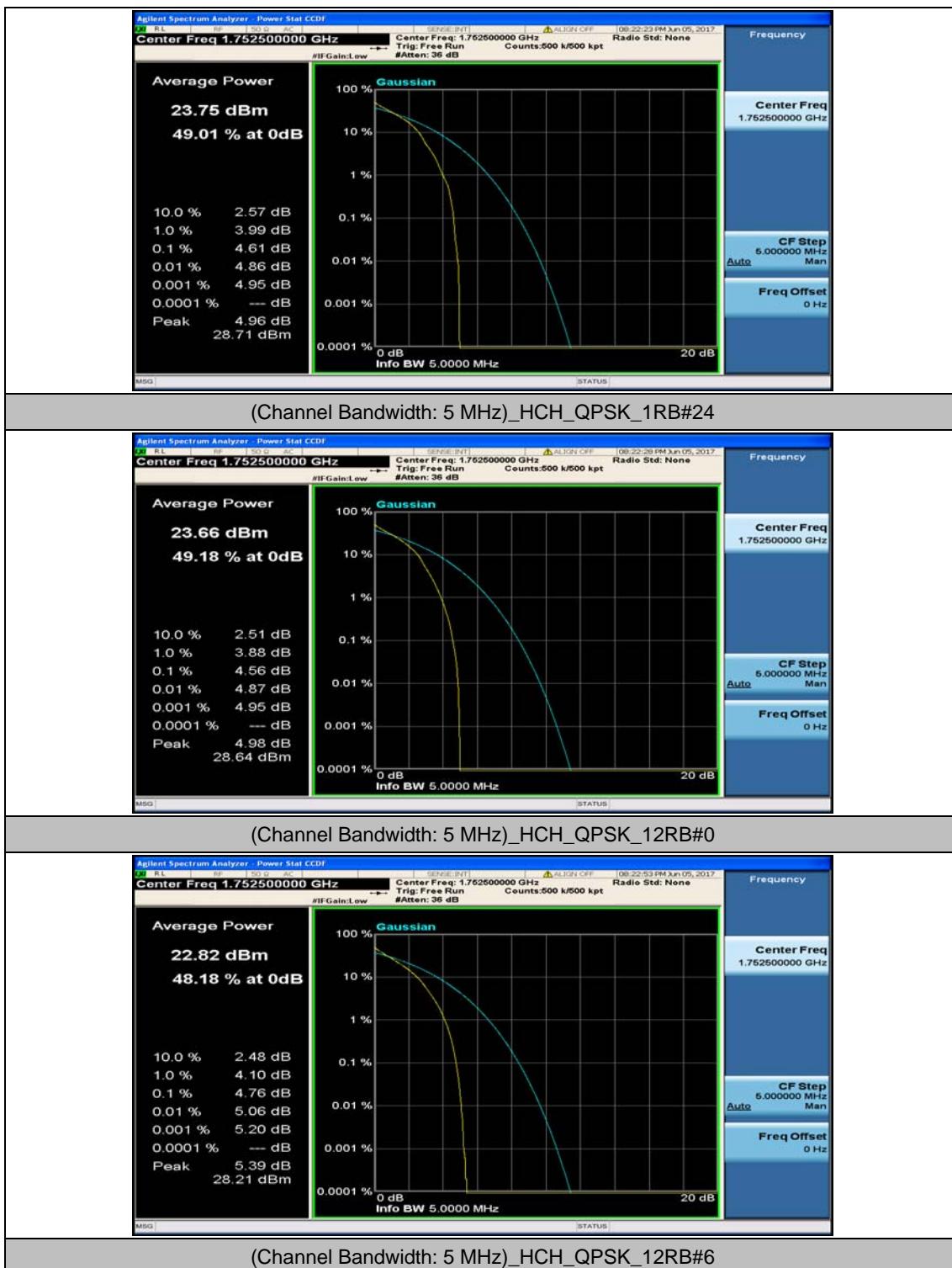


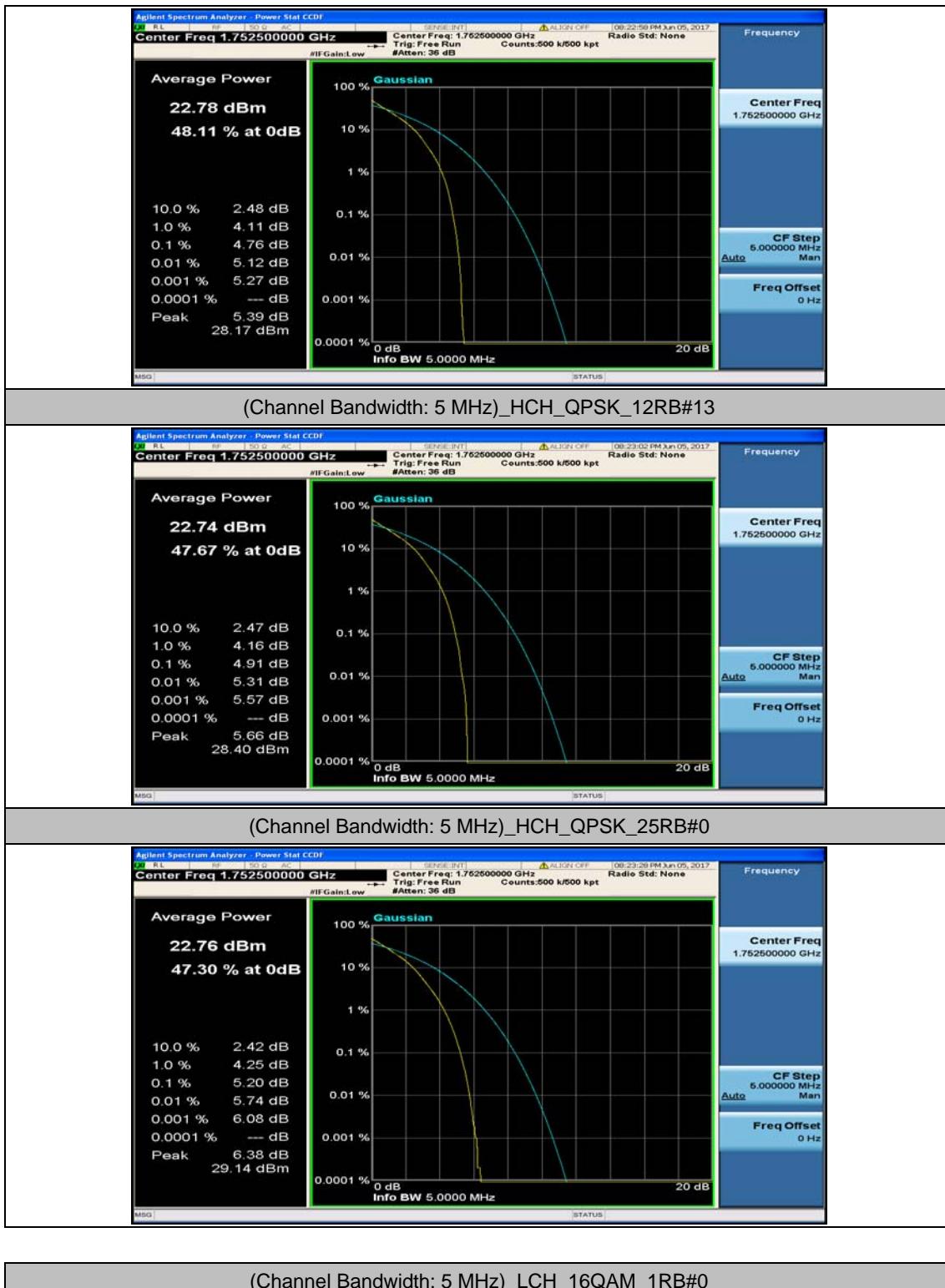


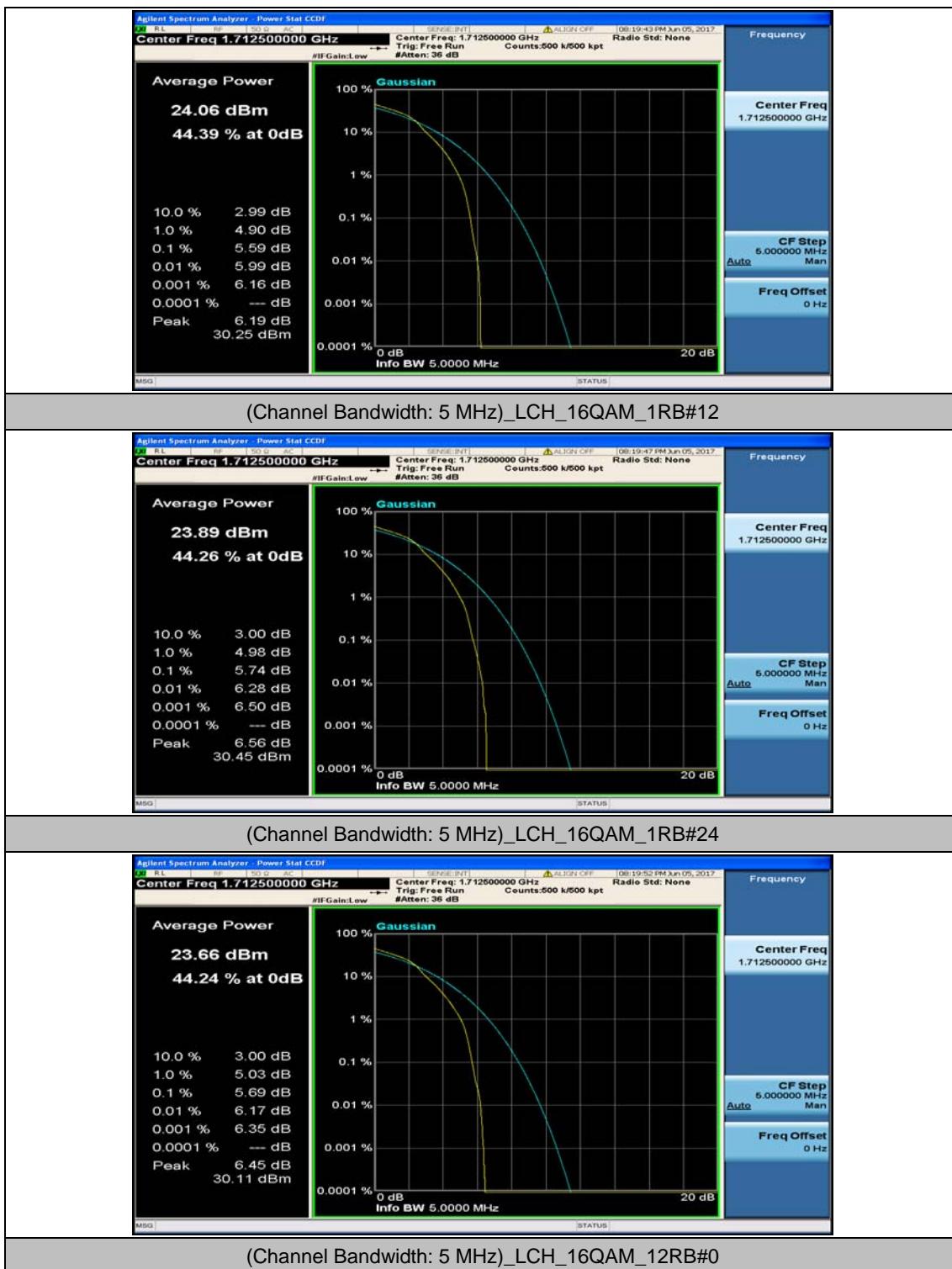


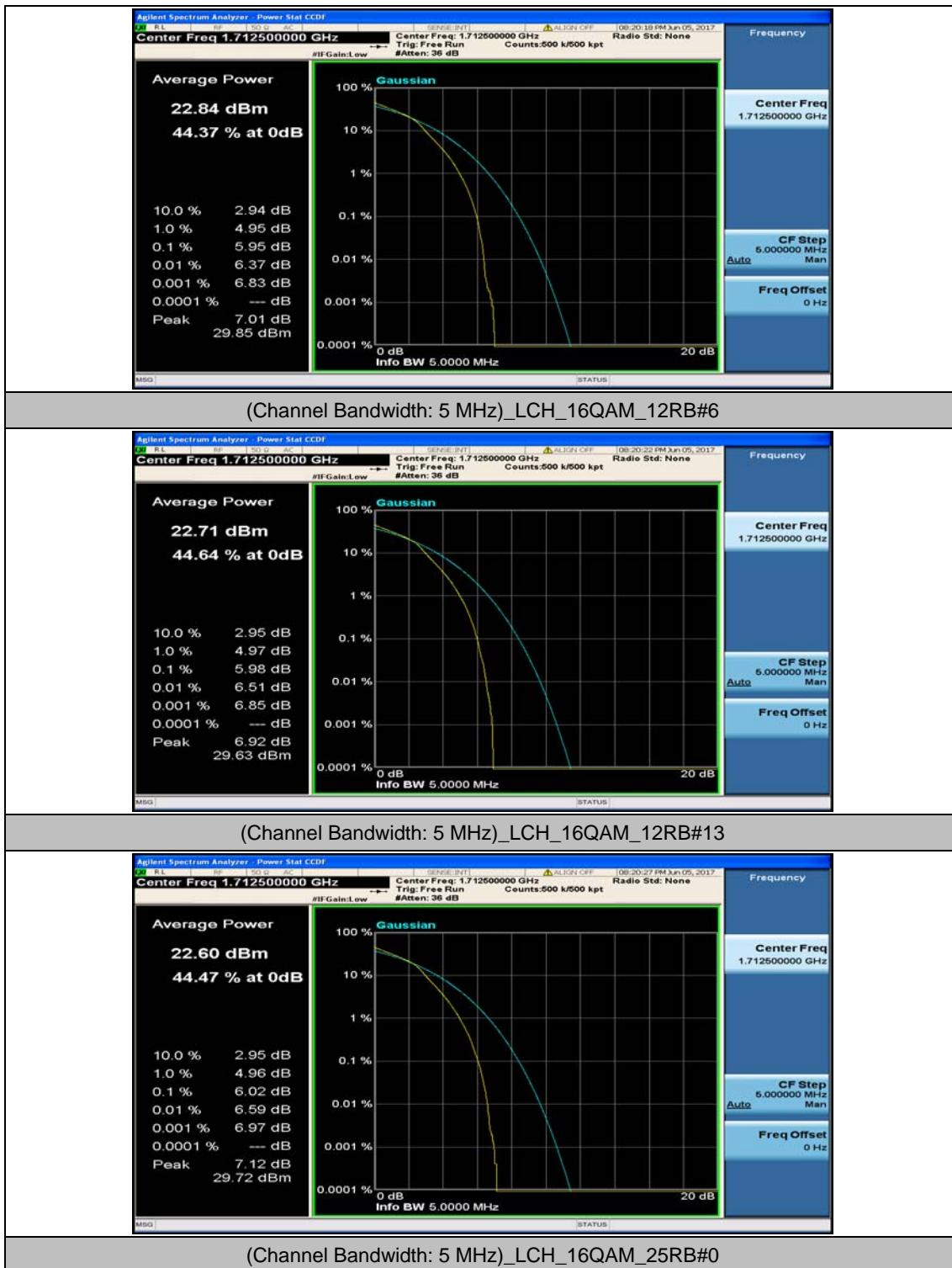


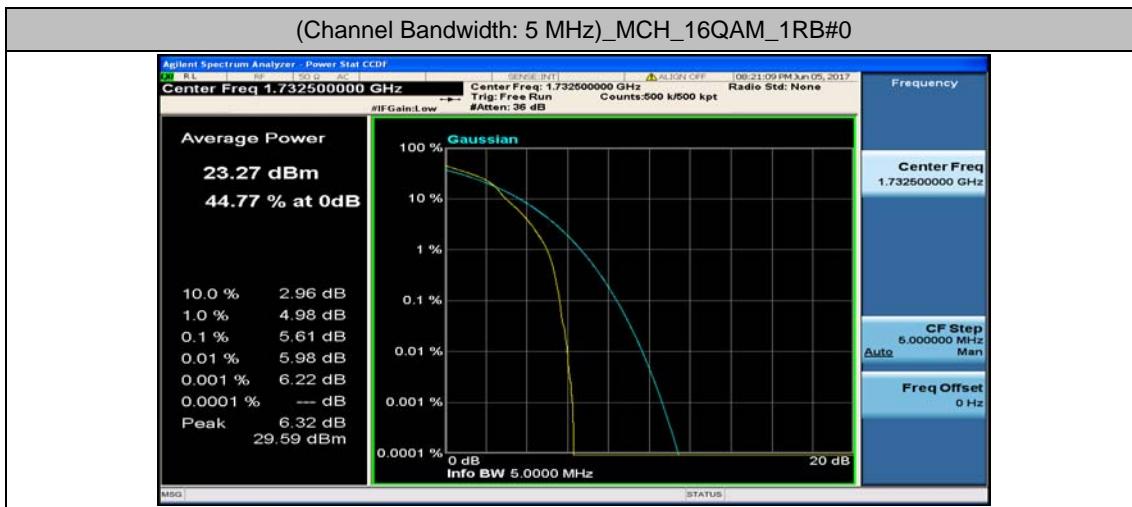
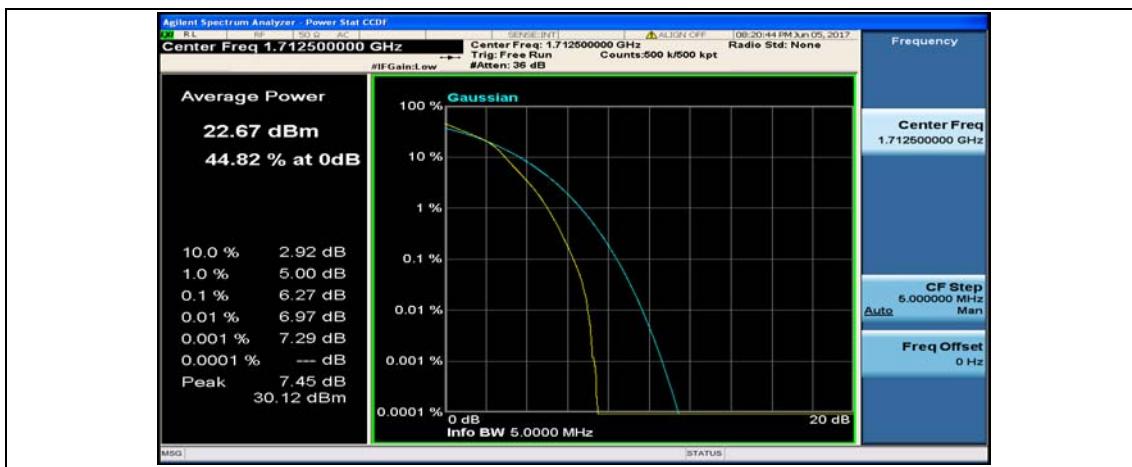












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

