

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 | 22.30 | PASS |
| | | 1 | 3 | 22.11 | PASS |
| | | 1 | 5 | 22.31 | PASS |
| | | 3 | 0 | 22.02 | PASS |
| | | 3 | 2 | 22.05 | PASS |
| | | 3 | 3 | 22.11 | PASS |
| | | 6 | 0 | 21.66 | PASS |
| | MCH | 1 | 0 | 22.32 | PASS |
| | | 1 | 3 | 22.26 | PASS |
| | | 1 | 5 | 22.33 | PASS |
| | | 3 | 0 | 22.42 | PASS |
| | | 3 | 2 | 22.40 | PASS |
| | | 3 | 3 | 22.39 | PASS |
| | | 6 | 0 | 21.35 | PASS |
| | HCH | 1 | 0 | 23.24 | PASS |
| | | 1 | 3 | 23.23 | PASS |
| | | 1 | 5 | 23.22 | PASS |
| | | 3 | 0 | 23.30 | PASS |
| | | 3 | 2 | 23.26 | PASS |
| | | 3 | 3 | 23.28 | PASS |
| | | 6 | 0 | 22.29 | PASS |
| 16QAM | LCH | 1 | 0 | 21.63 | PASS |
| | | 1 | 3 | 21.56 | PASS |
| | | 1 | 5 | 21.75 | PASS |
| | | 3 | 0 | 21.52 | PASS |
| | | 3 | 2 | 21.61 | PASS |
| | | 3 | 3 | 21.67 | PASS |
| | | 6 | 0 | 20.79 | PASS |
| | MCH | 1 | 0 | 21.55 | PASS |
| | | 1 | 3 | 21.62 | PASS |
| | | 1 | 5 | 21.58 | PASS |
| | | 3 | 0 | 21.45 | PASS |
| | | 3 | 2 | 21.43 | PASS |

| | | | | | |
|--|-----|---|---|-------|------|
| | | 3 | 3 | 21.48 | PASS |
| | | 6 | 0 | 20.48 | PASS |
| | HCH | 1 | 0 | 22.42 | PASS |
| | | 1 | 3 | 22.31 | PASS |
| | | 1 | 5 | 22.23 | PASS |
| | | 3 | 0 | 22.21 | PASS |
| | | 3 | 2 | 22.33 | PASS |
| | | 3 | 3 | 22.36 | PASS |
| | | 6 | 0 | 21.23 | PASS |

Channel Bandwidth: 3 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 22.28 | PASS |
| | | 1 | 7 | 22.15 | PASS |
| | | 1 | 14 | 22.31 | PASS |
| | | 8 | 0 | 21.24 | PASS |
| | | 8 | 4 | 21.29 | PASS |
| | | 8 | 7 | 21.37 | PASS |
| | | 15 | 0 | 21.27 | PASS |
| | MCH | 1 | 0 | 22.31 | PASS |
| | | 1 | 7 | 22.37 | PASS |
| | | 1 | 14 | 22.32 | PASS |
| | | 8 | 0 | 21.40 | PASS |
| | | 8 | 4 | 21.39 | PASS |
| | | 8 | 7 | 21.40 | PASS |
| | | 15 | 0 | 21.35 | PASS |
| | HCH | 1 | 0 | 23.22 | PASS |
| | | 1 | 7 | 23.25 | PASS |
| | | 1 | 14 | 23.21 | PASS |
| | | 8 | 0 | 22.31 | PASS |
| | | 8 | 4 | 22.31 | PASS |
| | | 8 | 7 | 22.3 | PASS |
| | | 15 | 0 | 22.27 | PASS |
| 16QAM | LCH | 1 | 0 | 21.55 | PASS |
| | | 1 | 7 | 21.47 | PASS |
| | | 1 | 14 | 21.66 | PASS |
| | | 8 | 0 | 20.43 | PASS |
| | | 8 | 4 | 20.51 | PASS |
| | | 8 | 7 | 20.58 | PASS |
| | | 15 | 0 | 20.51 | PASS |
| | MCH | 1 | 0 | 21.62 | PASS |

| | | | | | |
|--|-----|----|----|-------|------|
| | | 1 | 7 | 21.68 | PASS |
| | | 1 | 14 | 21.68 | PASS |
| | | 8 | 0 | 20.41 | PASS |
| | | 8 | 4 | 20.36 | PASS |
| | | 8 | 7 | 20.40 | PASS |
| | | 15 | 0 | 20.38 | PASS |
| | HCH | 1 | 0 | 22.44 | PASS |
| | | 1 | 7 | 22.30 | PASS |
| | | 1 | 14 | 22.23 | PASS |
| | | 8 | 0 | 21.25 | PASS |
| | | 8 | 4 | 21.27 | PASS |
| | | 8 | 7 | 21.25 | PASS |
| | | 15 | 0 | 21.30 | PASS |

Channel Bandwidth: 5 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 22.57 | PASS |
| | | 1 | 12 | 22.05 | PASS |
| | | 1 | 24 | 22.71 | PASS |
| | | 12 | 0 | 21.21 | PASS |
| | | 12 | 6 | 21.09 | PASS |
| | | 12 | 13 | 21.33 | PASS |
| | | 25 | 0 | 21.24 | PASS |
| | MCH | 1 | 0 | 22.42 | PASS |
| | | 1 | 12 | 22.43 | PASS |
| | | 1 | 24 | 22.41 | PASS |
| | | 12 | 0 | 21.43 | PASS |
| | | 12 | 6 | 21.40 | PASS |
| | | 12 | 13 | 21.44 | PASS |
| | | 25 | 0 | 21.37 | PASS |
| | HCH | 1 | 0 | 23.25 | PASS |
| | | 1 | 12 | 23.34 | PASS |
| | | 1 | 24 | 23.29 | PASS |
| | | 12 | 0 | 22.29 | PASS |
| | | 12 | 6 | 22.32 | PASS |
| | | 12 | 13 | 22.32 | PASS |
| | | 25 | 0 | 22.24 | PASS |
| 16QAM | LCH | 1 | 0 | 21.81 | PASS |
| | | 1 | 12 | 21.35 | PASS |
| | | 1 | 24 | 22.05 | PASS |
| | | 12 | 0 | 20.39 | PASS |

| | | | | | | |
|--|-----|----|----|-------|-------|------|
| | | 12 | 6 | 20.29 | PASS | |
| | | 12 | 13 | 20.53 | PASS | |
| | | 25 | 0 | 20.36 | PASS | |
| | MCH | | 1 | 0 | 21.57 | PASS |
| | | | 1 | 12 | 21.67 | PASS |
| | | | 1 | 24 | 21.67 | PASS |
| | | | 12 | 0 | 20.55 | PASS |
| | | | 12 | 6 | 20.55 | PASS |
| | | | 12 | 13 | 20.57 | PASS |
| | | | 25 | 0 | 20.40 | PASS |
| | HCH | | 1 | 0 | 22.41 | PASS |
| | | | 1 | 12 | 22.49 | PASS |
| | | | 1 | 24 | 22.46 | PASS |
| | | | 12 | 0 | 21.31 | PASS |
| | | | 12 | 6 | 21.34 | PASS |
| | | | 12 | 13 | 21.32 | PASS |
| | | | 25 | 0 | 21.31 | PASS |

Channel Bandwidth: 10 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict | |
|------------|---------|------------------|--------|---------------------|---------|------|
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 22.33 | PASS | |
| | | 1 | 24 | 22.65 | PASS | |
| | | 1 | 49 | 22.72 | PASS | |
| | | 25 | 0 | 21.58 | PASS | |
| | | 25 | 12 | 21.80 | PASS | |
| | | 25 | 25 | 21.85 | PASS | |
| | | 50 | 0 | 21.93 | PASS | |
| | MCH | | 1 | 0 | 22.43 | PASS |
| | | | 1 | 24 | 22.34 | PASS |
| | | | 1 | 49 | 22.47 | PASS |
| | | | 25 | 0 | 21.38 | PASS |
| | | | 25 | 12 | 21.38 | PASS |
| | | | 25 | 25 | 21.44 | PASS |
| | | | 50 | 0 | 21.40 | PASS |
| | HCH | | 1 | 0 | 22.96 | PASS |
| | | | 1 | 24 | 23.14 | PASS |
| | | | 1 | 49 | 23.21 | PASS |
| | | | 25 | 0 | 22.06 | PASS |
| | | | 25 | 12 | 22.14 | PASS |
| | | | 25 | 25 | 22.19 | PASS |
| | | | 50 | 0 | 22.14 | PASS |

| | | | | | |
|-------|-----|----|----|-------|------|
| 16QAM | LCH | 1 | 0 | 21.62 | PASS |
| | | 1 | 24 | 21.98 | PASS |
| | | 1 | 49 | 21.85 | PASS |
| | | 25 | 0 | 20.66 | PASS |
| | | 25 | 12 | 20.87 | PASS |
| | | 25 | 25 | 20.85 | PASS |
| | | 50 | 0 | 20.98 | PASS |
| | MCH | 1 | 0 | 21.66 | PASS |
| | | 1 | 24 | 21.73 | PASS |
| | | 1 | 49 | 21.86 | PASS |
| | | 25 | 0 | 20.42 | PASS |
| | | 25 | 12 | 20.44 | PASS |
| | | 25 | 25 | 20.49 | PASS |
| | | 50 | 0 | 20.47 | PASS |
| | HCH | 1 | 0 | 22.22 | PASS |
| | | 1 | 24 | 22.39 | PASS |
| | | 1 | 49 | 22.37 | PASS |
| | | 25 | 0 | 21.08 | PASS |
| | | 25 | 12 | 21.16 | PASS |
| | | 25 | 25 | 21.23 | PASS |
| | | 50 | 0 | 21.21 | PASS |

Channel Bandwidth: 15 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 22.60 | PASS |
| | | 1 | 37 | 22.79 | PASS |
| | | 1 | 74 | 22.57 | PASS |
| | | 37 | 0 | 21.94 | PASS |
| | | 37 | 18 | 22.00 | PASS |
| | | 37 | 38 | 21.88 | PASS |
| | | 75 | 0 | 21.98 | PASS |
| | MCH | 1 | 0 | 22.59 | PASS |
| | | 1 | 37 | 22.36 | PASS |
| | | 1 | 74 | 22.59 | PASS |
| | | 37 | 0 | 21.58 | PASS |
| | | 37 | 18 | 21.51 | PASS |
| | | 37 | 38 | 21.54 | PASS |
| | | 75 | 0 | 21.54 | PASS |
| | HCH | 1 | 0 | 22.67 | PASS |
| | | 1 | 37 | 23.07 | PASS |
| | | 1 | 74 | 23.27 | PASS |

| | | | | | | | |
|-------|-----|-----|----|-------|-------|-------|------|
| 16QAM | | 37 | 0 | 21.94 | PASS | | |
| | | 37 | 18 | 22.12 | PASS | | |
| | | 37 | 38 | 22.26 | PASS | | |
| | | 75 | 0 | 22.10 | PASS | | |
| | LCH | | 1 | 0 | 21.91 | PASS | |
| | | | 1 | 37 | 21.99 | PASS | |
| | | | 1 | 74 | 21.66 | PASS | |
| | | | 37 | 0 | 21.01 | PASS | |
| | | | 37 | 18 | 20.93 | PASS | |
| | | | 37 | 38 | 20.77 | PASS | |
| | | | 75 | 0 | 20.91 | PASS | |
| | | MCH | | 1 | 0 | 21.65 | PASS |
| | | | | 1 | 37 | 21.67 | PASS |
| | | | | 1 | 74 | 21.88 | PASS |
| | | | | 37 | 0 | 20.51 | PASS |
| | | | | 37 | 18 | 20.5 | PASS |
| | | | | 37 | 38 | 20.58 | PASS |
| | | | | 75 | 0 | 20.50 | PASS |
| | | HCH | | 1 | 0 | 21.91 | PASS |
| | | | | 1 | 37 | 22.36 | PASS |
| | | | | 1 | 74 | 22.48 | PASS |
| | | | | 37 | 0 | 20.91 | PASS |
| | | | | 37 | 18 | 21.09 | PASS |
| | | | | 37 | 38 | 21.23 | PASS |
| | | | | 75 | 0 | 21.08 | PASS |

Channel Bandwidth: 20 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict | |
|------------|---------|------------------|--------|---------------------|---------|------|
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 22.95 | PASS | |
| | | 1 | 49 | 22.78 | PASS | |
| | | 1 | 99 | 22.52 | PASS | |
| | | 50 | 0 | 21.91 | PASS | |
| | | 50 | 25 | 21.71 | PASS | |
| | | 50 | 50 | 21.55 | PASS | |
| | | 100 | 0 | 21.69 | PASS | |
| | MCH | | 1 | 0 | 22.92 | PASS |
| | | | 1 | 49 | 22.41 | PASS |
| | | | 1 | 99 | 22.77 | PASS |
| | | | 50 | 0 | 21.46 | PASS |
| | | | 50 | 25 | 21.41 | PASS |
| | | | 50 | 50 | 21.56 | PASS |

| | | | | | |
|-------|-----|-----|----|-------|------|
| | HCH | 100 | 0 | 21.5 | PASS |
| | | 1 | 0 | 23.38 | PASS |
| | | 1 | 49 | 22.81 | PASS |
| | | 1 | 99 | 22.49 | PASS |
| | | 50 | 0 | 21.69 | PASS |
| | | 50 | 25 | 21.93 | PASS |
| | | 50 | 50 | 22.33 | PASS |
| | | 100 | 0 | 22.11 | PASS |
| 16QAM | LCH | 1 | 0 | 21.95 | PASS |
| | | 1 | 49 | 21.87 | PASS |
| | | 1 | 99 | 21.61 | PASS |
| | | 50 | 0 | 20.89 | PASS |
| | | 50 | 25 | 20.69 | PASS |
| | | 50 | 50 | 20.52 | PASS |
| | | 100 | 0 | 20.66 | PASS |
| | MCH | 1 | 0 | 21.81 | PASS |
| | | 1 | 49 | 21.75 | PASS |
| | | 1 | 99 | 22.12 | PASS |
| | | 50 | 0 | 20.52 | PASS |
| | | 50 | 25 | 20.5 | PASS |
| | | 50 | 50 | 20.62 | PASS |
| | | 100 | 0 | 20.51 | PASS |
| | HCH | 1 | 0 | 21.67 | PASS |
| | | 1 | 49 | 22.12 | PASS |
| | | 1 | 99 | 22.46 | PASS |
| | | 50 | 0 | 20.73 | PASS |
| | | 50 | 25 | 20.95 | PASS |
| | | 50 | 50 | 21.15 | PASS |
| | | 100 | 0 | 20.95 | PASS |

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

| Channel Bandwidth: 1.4 MHz | | | | | | |
|----------------------------|---------|------------------|--------|----------------------------|------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 3.66 | <13 | PASS |
| | | 1 | 3 | 3.73 | <13 | PASS |
| | | 1 | 5 | 3.73 | <13 | PASS |
| | | 3 | 0 | 3.71 | <13 | PASS |
| | | 3 | 2 | 3.76 | <13 | PASS |
| | | 3 | 3 | 3.76 | <13 | PASS |
| | | 6 | 0 | 4.75 | <13 | PASS |
| | MCH | 1 | 0 | 3.8 | <13 | PASS |
| | | 1 | 3 | 3.85 | <13 | PASS |
| | | 1 | 5 | 3.91 | <13 | PASS |
| | | 3 | 0 | 3.84 | <13 | PASS |
| | | 3 | 2 | 3.87 | <13 | PASS |
| | | 3 | 3 | 3.92 | <13 | PASS |
| | | 6 | 0 | 4.84 | <13 | PASS |
| | HCH | 1 | 0 | 4.03 | <13 | PASS |
| | | 1 | 3 | 4.12 | <13 | PASS |
| | | 1 | 5 | 4.00 | <13 | PASS |
| | | 3 | 0 | 4.02 | <13 | PASS |
| | | 3 | 2 | 4.00 | <13 | PASS |
| | | 3 | 3 | 3.95 | <13 | PASS |
| | | 6 | 0 | 5.00 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.69 | <13 | PASS |
| | | 1 | 3 | 4.71 | <13 | PASS |
| | | 1 | 5 | 4.74 | <13 | PASS |
| | | 3 | 0 | 4.63 | <13 | PASS |
| | | 3 | 2 | 4.71 | <13 | PASS |
| | | 3 | 3 | 4.71 | <13 | PASS |
| | | 6 | 0 | 5.66 | <13 | PASS |
| | MCH | 1 | 0 | 4.76 | <13 | PASS |
| | | 1 | 3 | 4.71 | <13 | PASS |
| | | 1 | 5 | 4.90 | <13 | PASS |
| | | 3 | 0 | 4.69 | <13 | PASS |

| | | | | | | |
|--|-----|---|---|------|-----|------|
| | | 3 | 2 | 4.76 | <13 | PASS |
| | | 3 | 3 | 4.71 | <13 | PASS |
| | | 6 | 0 | 5.64 | <13 | PASS |
| | HCH | 1 | 0 | 5.04 | <13 | PASS |
| | | 1 | 3 | 4.98 | <13 | PASS |
| | | 1 | 5 | 5.05 | <13 | PASS |
| | | 3 | 0 | 4.98 | <13 | PASS |
| | | 3 | 2 | 4.96 | <13 | PASS |
| | | 3 | 3 | 4.96 | <13 | PASS |
| | | 6 | 0 | 5.91 | <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 | 3.86 | <13 | PASS |
| | | 1 | 7 | 3.91 | <13 | PASS |
| | | 1 | 14 | 3.96 | <13 | PASS |
| | | 8 | 0 | 4.79 | <13 | PASS |
| | | 8 | 4 | 4.86 | <13 | PASS |
| | | 8 | 7 | 4.87 | <13 | PASS |
| | | 15 | 0 | 4.91 | <13 | PASS |
| | MCH | 1 | 0 | 3.73 | <13 | PASS |
| | | 1 | 7 | 3.78 | <13 | PASS |
| | | 1 | 14 | 3.96 | <13 | PASS |
| | | 8 | 0 | 4.82 | <13 | PASS |
| | | 8 | 4 | 4.85 | <13 | PASS |
| | | 8 | 7 | 4.95 | <13 | PASS |
| | | 15 | 0 | 4.98 | <13 | PASS |
| | HCH | 1 | 0 | 4.07 | <13 | PASS |
| | | 1 | 7 | 4.05 | <13 | PASS |
| | | 1 | 14 | 4.15 | <13 | PASS |
| | | 8 | 0 | 5.02 | <13 | PASS |
| | | 8 | 4 | 4.99 | <13 | PASS |
| | | 8 | 7 | 5.01 | <13 | PASS |
| | | 15 | 0 | 5.13 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.65 | <13 | PASS |
| | | 1 | 7 | 4.68 | <13 | PASS |
| | | 1 | 14 | 4.80 | <13 | PASS |
| | | 8 | 0 | 5.57 | <13 | PASS |
| | | 8 | 4 | 5.60 | <13 | PASS |

| | | | | | | |
|--|-----|-----|----|------|------|------|
| | | 8 | 7 | 5.63 | <13 | PASS |
| | | 15 | 0 | 5.76 | <13 | PASS |
| | MCH | 1 | 0 | 4.70 | <13 | PASS |
| | | 1 | 7 | 4.78 | <13 | PASS |
| | | 1 | 14 | 4.83 | <13 | PASS |
| | | 8 | 0 | 5.57 | <13 | PASS |
| | | 8 | 4 | 5.62 | <13 | PASS |
| | | 8 | 7 | 5.66 | <13 | PASS |
| | | 15 | 0 | 5.82 | <13 | PASS |
| | | HCH | 1 | 0 | 5.06 | <13 |
| | 1 | | 7 | 5.12 | <13 | PASS |
| | 1 | | 14 | 5.01 | <13 | PASS |
| | 8 | | 0 | 5.98 | <13 | PASS |
| | 8 | | 4 | 6.00 | <13 | PASS |
| | 8 | | 7 | 5.98 | <13 | PASS |
| | 15 | | 0 | 5.92 | <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 | 3.91 | <13 | PASS |
| | | 1 | 12 | 4.02 | <13 | PASS |
| | | 1 | 24 | 4.03 | <13 | PASS |
| | | 12 | 0 | 4.88 | <13 | PASS |
| | | 12 | 6 | 4.90 | <13 | PASS |
| | | 12 | 13 | 4.92 | <13 | PASS |
| | | 25 | 0 | 4.99 | <13 | PASS |
| | MCH | 1 | 0 | 3.71 | <13 | PASS |
| | | 1 | 12 | 3.88 | <13 | PASS |
| | | 1 | 24 | 4.05 | <13 | PASS |
| | | 12 | 0 | 4.79 | <13 | PASS |
| | | 12 | 6 | 4.8 | <13 | PASS |
| | | 12 | 13 | 4.9 | <13 | PASS |
| | | 25 | 0 | 4.94 | <13 | PASS |
| | HCH | 1 | 0 | 4.00 | <13 | PASS |
| | | 1 | 12 | 3.97 | <13 | PASS |
| | | 1 | 24 | 4.05 | <13 | PASS |
| | | 12 | 0 | 5.13 | <13 | PASS |
| | | 12 | 6 | 5.08 | <13 | PASS |
| | | 12 | 13 | 5.10 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|------|-----|------|
| | | 25 | 0 | 5.19 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.69 | <13 | PASS |
| | | 1 | 12 | 4.79 | <13 | PASS |
| | | 1 | 24 | 4.84 | <13 | PASS |
| | | 12 | 0 | 5.76 | <13 | PASS |
| | | 12 | 6 | 5.84 | <13 | PASS |
| | | 12 | 13 | 5.76 | <13 | PASS |
| | | 25 | 0 | 5.79 | <13 | PASS |
| | MCH | 1 | 0 | 4.64 | <13 | PASS |
| | | 1 | 12 | 4.92 | <13 | PASS |
| | | 1 | 24 | 4.98 | <13 | PASS |
| | | 12 | 0 | 5.66 | <13 | PASS |
| | | 12 | 6 | 5.65 | <13 | PASS |
| | | 12 | 13 | 5.71 | <13 | PASS |
| | | 25 | 0 | 5.77 | <13 | PASS |
| | HCH | 1 | 0 | 4.98 | <13 | PASS |
| | | 1 | 12 | 4.89 | <13 | PASS |
| | | 1 | 24 | 4.75 | <13 | PASS |
| | | 12 | 0 | 5.92 | <13 | PASS |
| | | 12 | 6 | 5.95 | <13 | PASS |
| | | 12 | 13 | 5.87 | <13 | PASS |
| | | 25 | 0 | 5.99 | <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 | 4.01 | <13 | PASS |
| | | 1 | 24 | 3.92 | <13 | PASS |
| | | 1 | 49 | 3.81 | <13 | PASS |
| | | 25 | 0 | 4.93 | <13 | PASS |
| | | 25 | 12 | 4.99 | <13 | PASS |
| | | 25 | 25 | 4.92 | <13 | PASS |
| | | 50 | 0 | 5.00 | <13 | PASS |
| | MCH | 1 | 0 | 3.46 | <13 | PASS |
| | | 1 | 24 | 3.78 | <13 | PASS |
| | | 1 | 49 | 4.02 | <13 | PASS |
| | | 25 | 0 | 4.82 | <13 | PASS |
| | | 25 | 12 | 4.93 | <13 | PASS |
| | | 25 | 25 | 5.06 | <13 | PASS |
| | | 50 | 0 | 4.97 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|------|-----|------|
| | HCH | 1 | 0 | 4.06 | <13 | PASS |
| | | 1 | 24 | 4.52 | <13 | PASS |
| | | 1 | 49 | 4.01 | <13 | PASS |
| | | 25 | 0 | 5.14 | <13 | PASS |
| | | 25 | 12 | 5.09 | <13 | PASS |
| | | 25 | 25 | 5.09 | <13 | PASS |
| | | 50 | 0 | 5.19 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.67 | <13 | PASS |
| | | 1 | 24 | 4.86 | <13 | PASS |
| | | 1 | 49 | 4.73 | <13 | PASS |
| | | 25 | 0 | 5.82 | <13 | PASS |
| | | 25 | 12 | 5.83 | <13 | PASS |
| | | 25 | 25 | 5.77 | <13 | PASS |
| | | 50 | 0 | 5.84 | <13 | PASS |
| | MCH | 1 | 0 | 4.50 | <13 | PASS |
| | | 1 | 24 | 4.72 | <13 | PASS |
| | | 1 | 49 | 4.95 | <13 | PASS |
| | | 25 | 0 | 5.67 | <13 | PASS |
| | | 25 | 12 | 5.86 | <13 | PASS |
| | | 25 | 25 | 5.87 | <13 | PASS |
| | | 50 | 0 | 5.8 | <13 | PASS |
| | HCH | 1 | 0 | 5.12 | <13 | PASS |
| | | 1 | 24 | 5.00 | <13 | PASS |
| | | 1 | 49 | 4.95 | <13 | PASS |
| | | 25 | 0 | 6.03 | <13 | PASS |
| | | 25 | 12 | 6.05 | <13 | PASS |
| | | 25 | 25 | 6.12 | <13 | PASS |
| | | 50 | 0 | 6.04 | <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 | 3.78 | <13 | PASS |
| | | 1 | 37 | 3.89 | <13 | PASS |
| | | 1 | 74 | 3.57 | <13 | PASS |
| | | 37 | 0 | 4.96 | <13 | PASS |
| | | 37 | 18 | 4.85 | <13 | PASS |
| | | 37 | 38 | 4.71 | <13 | PASS |
| | | 75 | 0 | 5.24 | <13 | PASS |
| | MCH | 1 | 0 | 3.54 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|------|-----|------|
| | | 1 | 37 | 3.88 | <13 | PASS |
| | | 1 | 74 | 4.17 | <13 | PASS |
| | | 37 | 0 | 4.71 | <13 | PASS |
| | | 37 | 18 | 4.84 | <13 | PASS |
| | | 37 | 38 | 5.05 | <13 | PASS |
| | | 75 | 0 | 5.34 | <13 | PASS |
| | | 75 | 0 | 5.34 | <13 | PASS |
| | HCH | 1 | 0 | 4.32 | <13 | PASS |
| | | 1 | 37 | 4.11 | <13 | PASS |
| | | 1 | 74 | 4.08 | <13 | PASS |
| | | 37 | 0 | 5.13 | <13 | PASS |
| | | 37 | 18 | 5.11 | <13 | PASS |
| | | 37 | 38 | 5.13 | <13 | PASS |
| | | 75 | 0 | 5.49 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.65 | <13 | PASS |
| | | 1 | 37 | 4.79 | <13 | PASS |
| | | 1 | 74 | 4.59 | <13 | PASS |
| | | 37 | 0 | 5.83 | <13 | PASS |
| | | 37 | 18 | 5.77 | <13 | PASS |
| | | 37 | 38 | 5.59 | <13 | PASS |
| | | 75 | 0 | 5.99 | <13 | PASS |
| | MCH | 1 | 0 | 4.56 | <13 | PASS |
| | | 1 | 37 | 4.84 | <13 | PASS |
| | | 1 | 74 | 5.18 | <13 | PASS |
| | | 37 | 0 | 5.7 | <13 | PASS |
| | | 37 | 18 | 6.02 | <13 | PASS |
| | | 37 | 38 | 5.96 | <13 | PASS |
| | | 75 | 0 | 6.00 | <13 | PASS |
| | HCH | 1 | 0 | 5.08 | <13 | PASS |
| | | 1 | 37 | 5.02 | <13 | PASS |
| | | 1 | 74 | 4.98 | <13 | PASS |
| | | 37 | 0 | 5.99 | <13 | PASS |
| | | 37 | 18 | 5.98 | <13 | PASS |
| | | 37 | 38 | 5.99 | <13 | PASS |
| | | 75 | 0 | 6.16 | <13 | PASS |

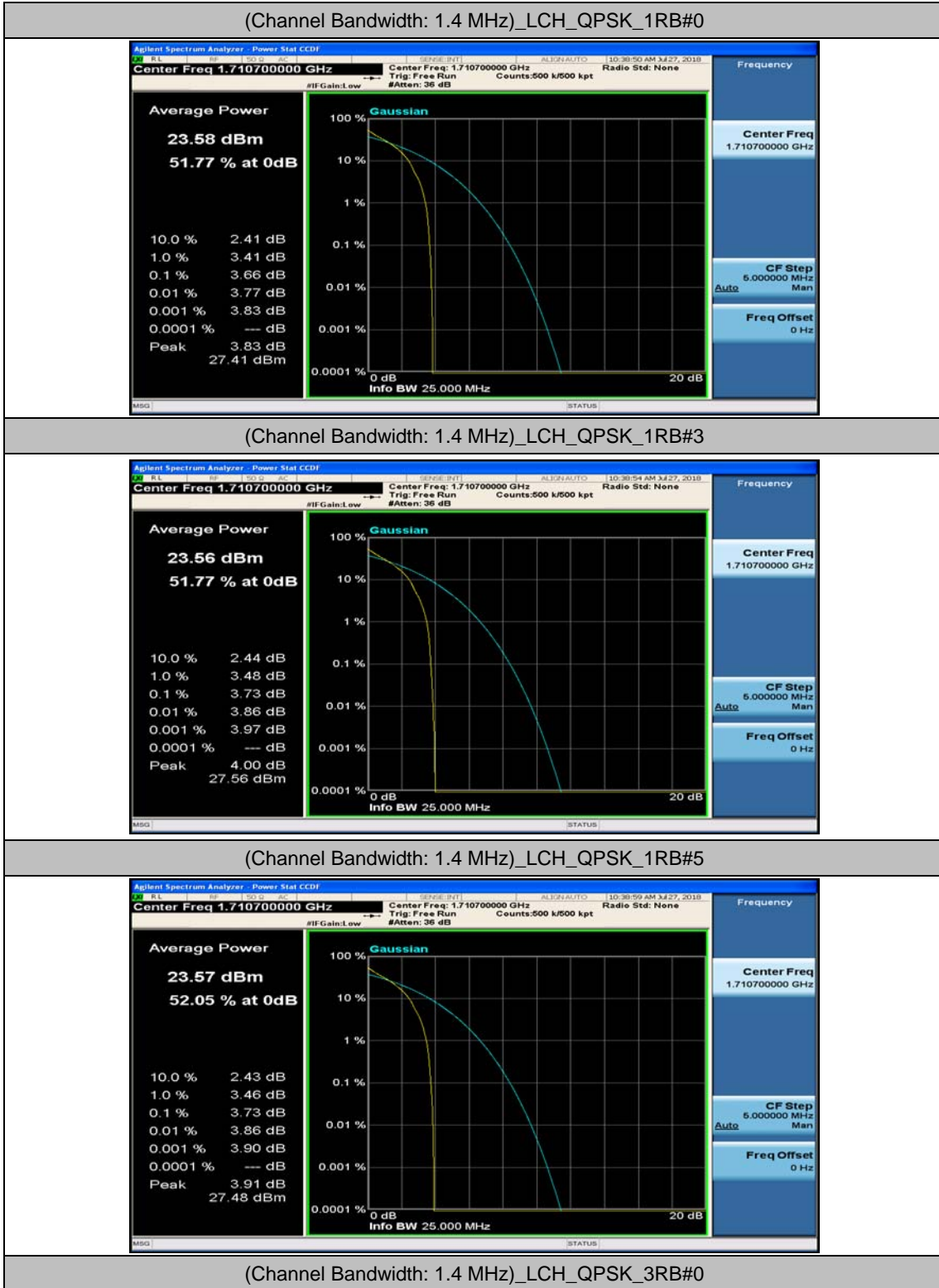
Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 3.76 | <13 | PASS |
| | | 1 | 49 | 3.70 | <13 | PASS |

| | | | | | | | |
|-----|-------|-----|----|------|------|------|------|
| | | 1 | 99 | 3.59 | <13 | PASS | |
| | | 50 | 0 | 5.01 | <13 | PASS | |
| | | 50 | 25 | 4.84 | <13 | PASS | |
| | | 50 | 50 | 4.82 | <13 | PASS | |
| | | 100 | 0 | 5.15 | <13 | PASS | |
| | MCH | 1 | 0 | 3.57 | <13 | PASS | |
| | | 1 | 49 | 3.86 | <13 | PASS | |
| | | 1 | 99 | 4.22 | <13 | PASS | |
| | | 50 | 0 | 4.82 | <13 | PASS | |
| | | 50 | 25 | 4.99 | <13 | PASS | |
| | | 50 | 50 | 5.19 | <13 | PASS | |
| | | 100 | 0 | 5.27 | <13 | PASS | |
| | HCH | 1 | 0 | 4.04 | <13 | PASS | |
| | | 1 | 49 | 4.11 | <13 | PASS | |
| | | 1 | 99 | 3.93 | <13 | PASS | |
| | | 50 | 0 | 5.20 | <13 | PASS | |
| | | 50 | 25 | 5.21 | <13 | PASS | |
| | | 50 | 50 | 5.20 | <13 | PASS | |
| | | 100 | 0 | 5.38 | <13 | PASS | |
| | 16QAM | LCH | 1 | 0 | 4.65 | <13 | PASS |
| | | | 1 | 49 | 4.49 | <13 | PASS |
| 1 | | | 99 | 4.49 | <13 | PASS | |
| 50 | | | 0 | 5.85 | <13 | PASS | |
| 50 | | | 25 | 5.70 | <13 | PASS | |
| 50 | | | 50 | 5.70 | <13 | PASS | |
| 100 | | | 0 | 5.96 | <13 | PASS | |
| MCH | | 1 | 0 | 4.42 | <13 | PASS | |
| | | 1 | 49 | 4.70 | <13 | PASS | |
| | | 1 | 99 | 4.99 | <13 | PASS | |
| | | 50 | 0 | 5.68 | <13 | PASS | |
| | | 50 | 25 | 5.83 | <13 | PASS | |
| | | 50 | 50 | 6.01 | <13 | PASS | |
| | | 100 | 0 | 6.03 | <13 | PASS | |
| HCH | | 1 | 0 | 4.99 | <13 | PASS | |
| | | 1 | 49 | 5.09 | <13 | PASS | |
| | | 1 | 99 | 4.96 | <13 | PASS | |
| | | 50 | 0 | 6.07 | <13 | PASS | |
| | | 50 | 25 | 6.06 | <13 | PASS | |
| | | 50 | 50 | 6.06 | <13 | PASS | |
| | | 100 | 0 | 6.17 | <13 | PASS | |

Test Graphs

Channel Bandwidth: 1.4 MHz





(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



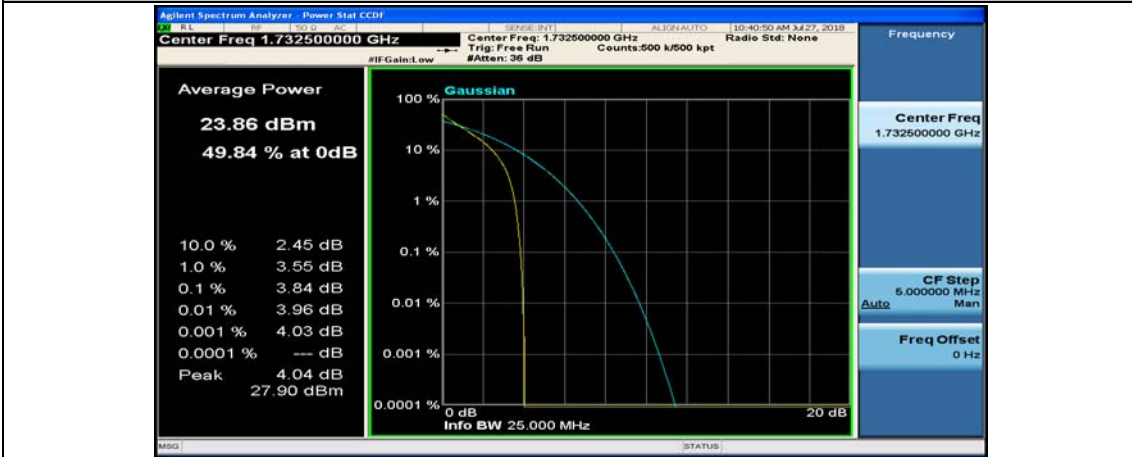
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

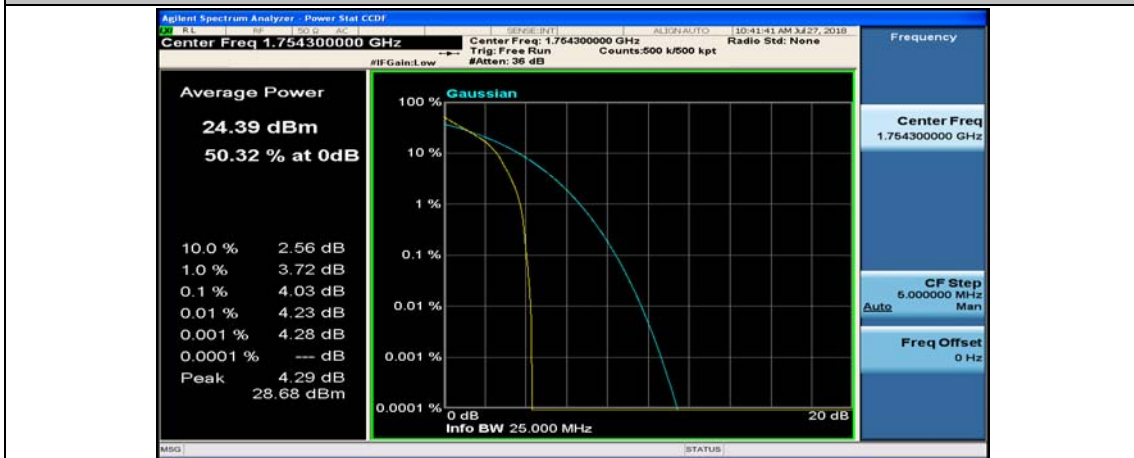




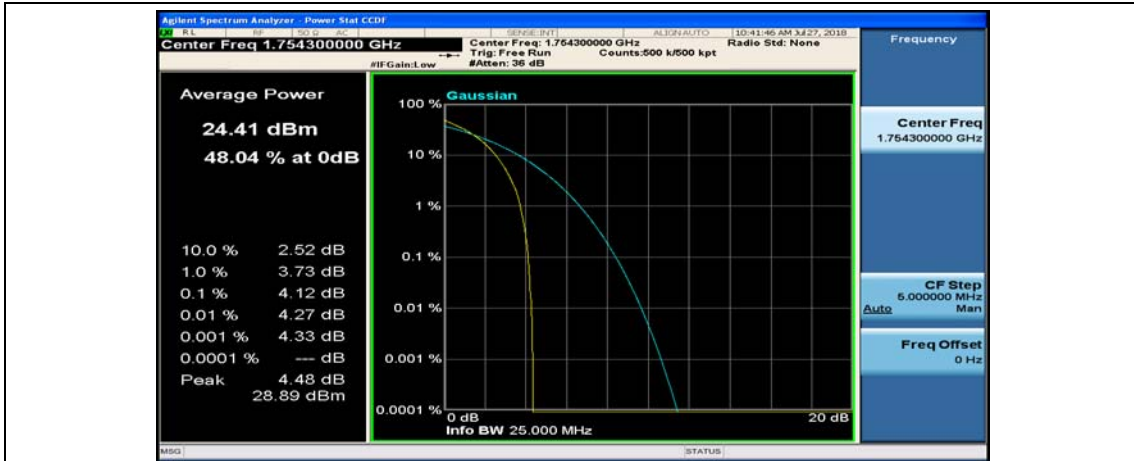
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



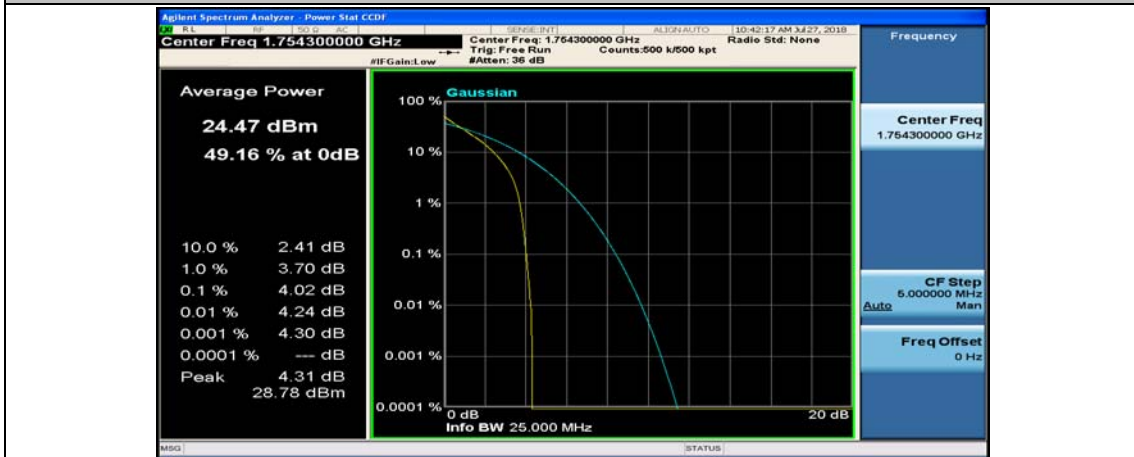
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



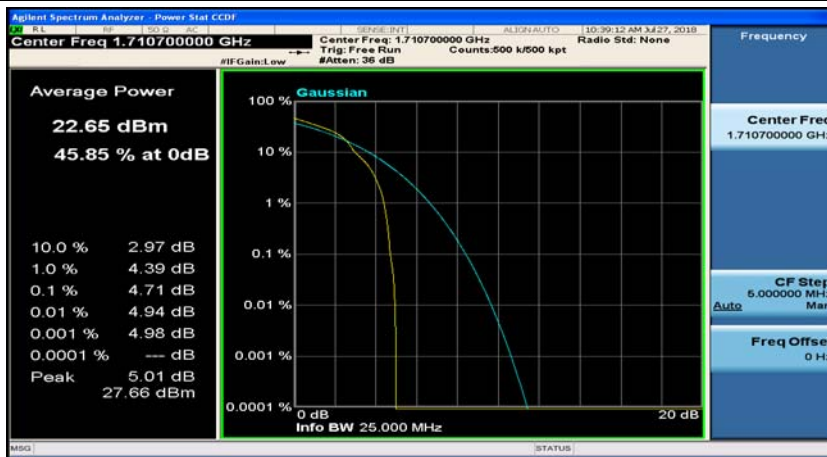
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



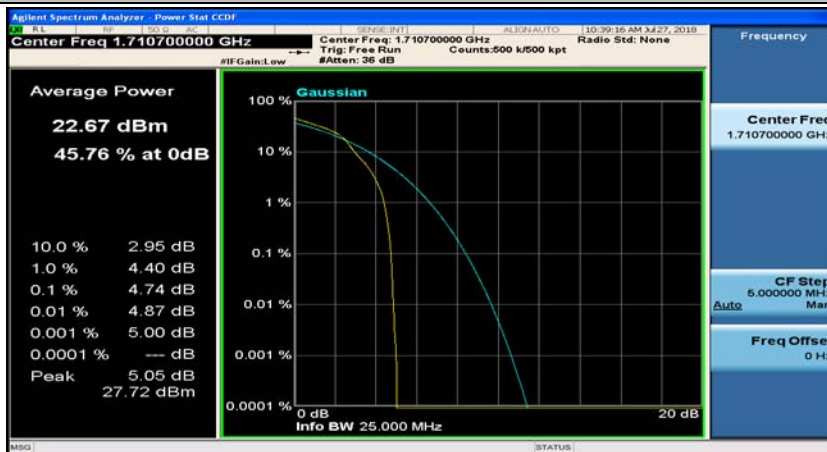
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



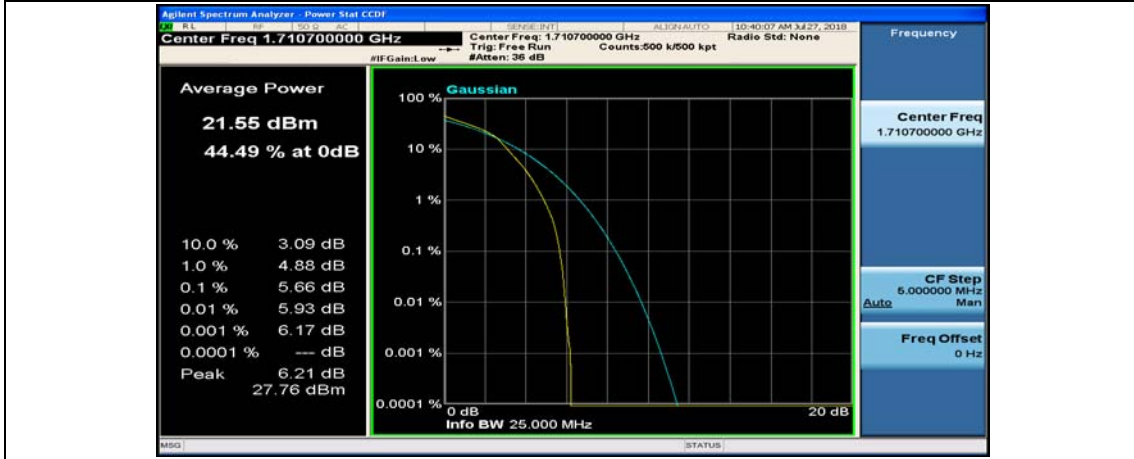
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



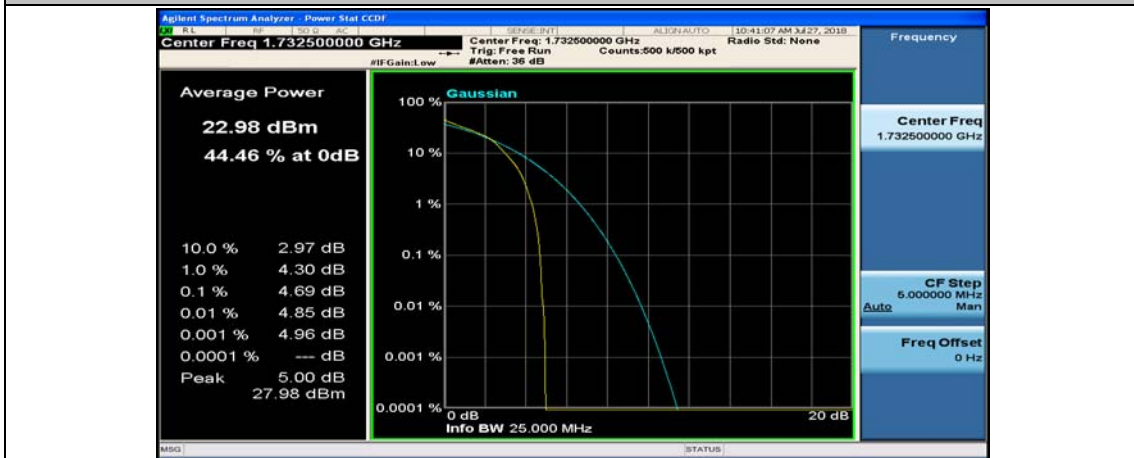
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



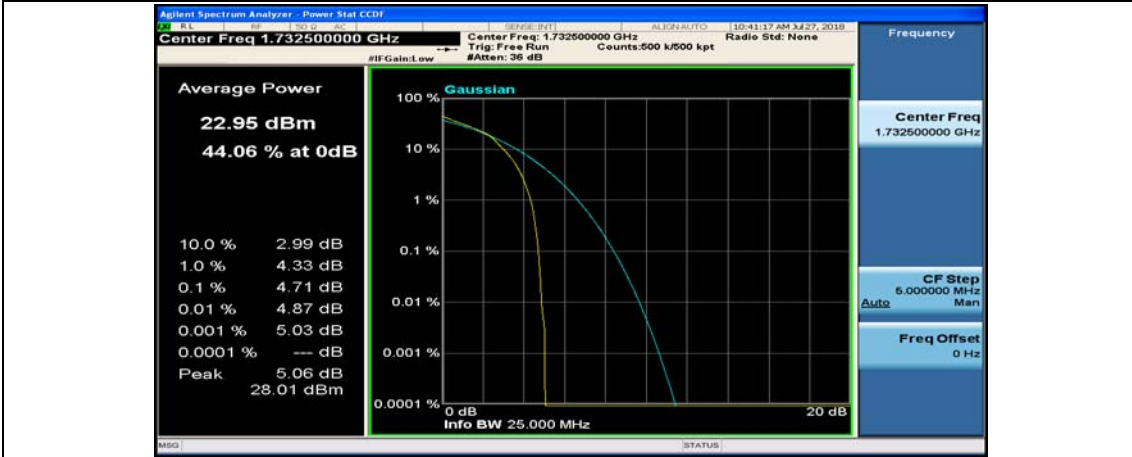
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



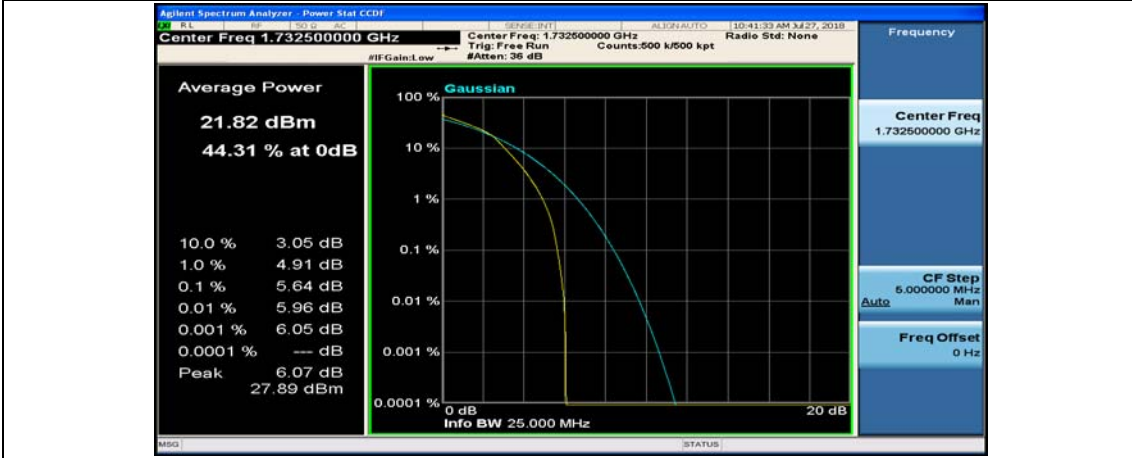
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



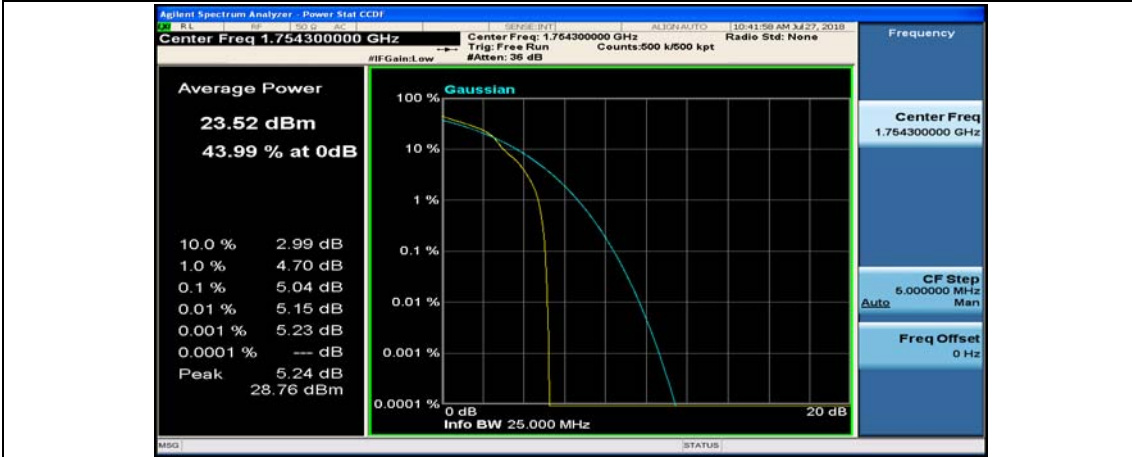
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



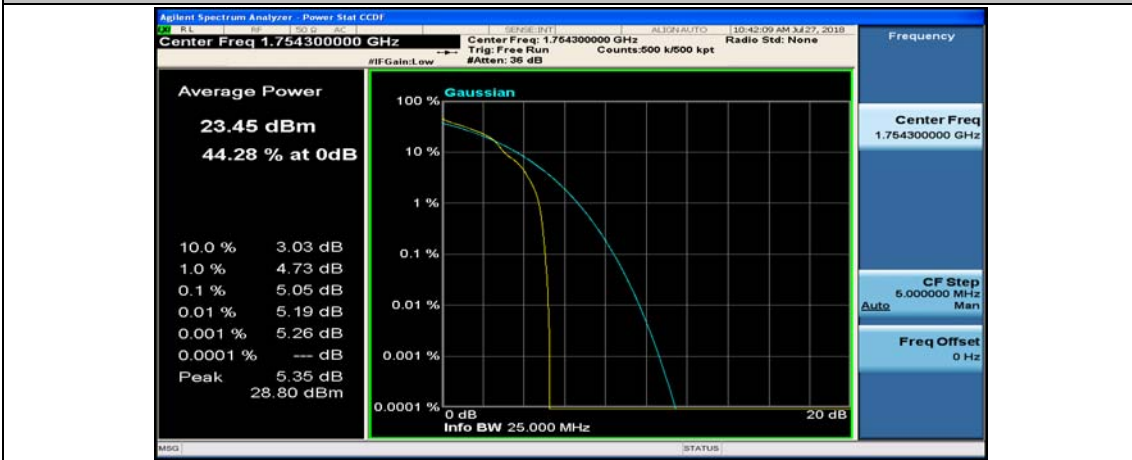
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



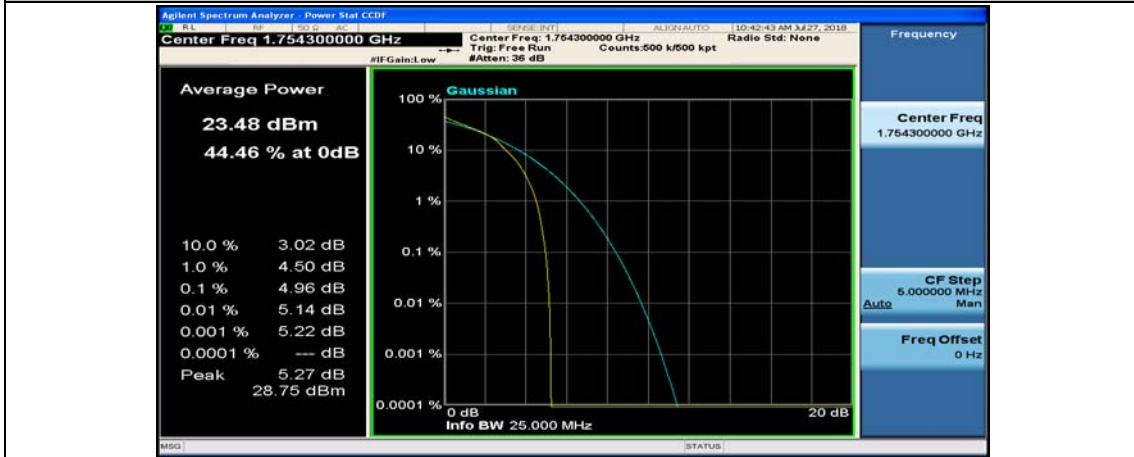
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



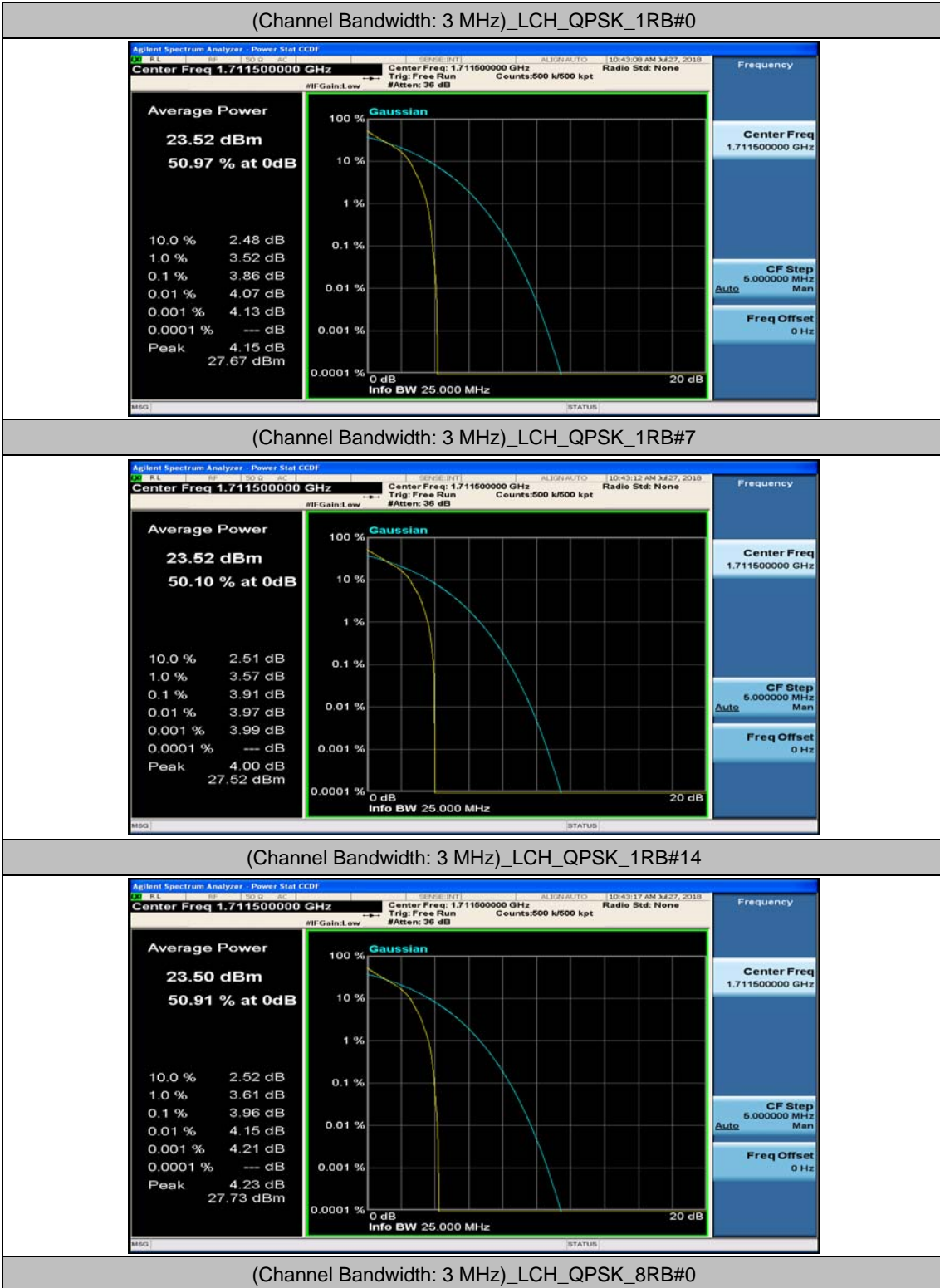
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

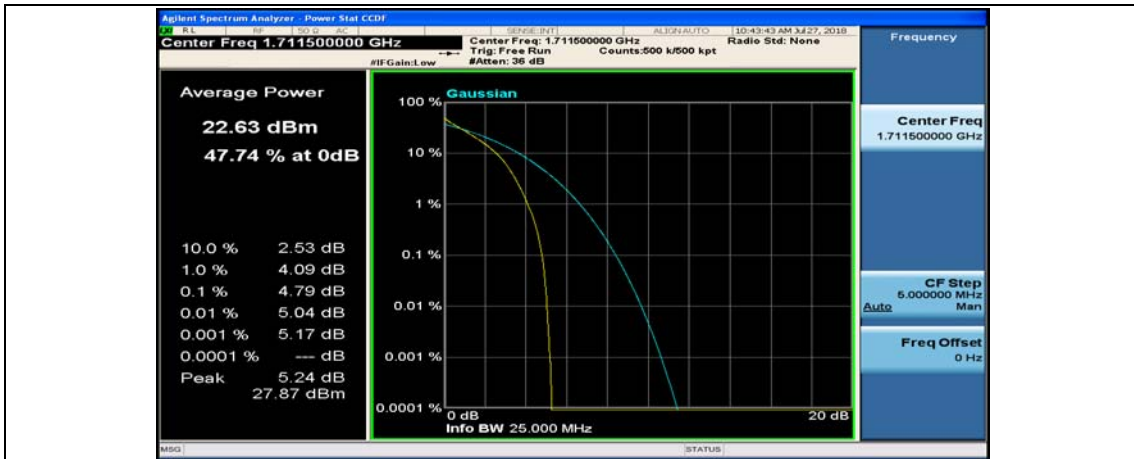


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



Channel Bandwidth: 3 MHz





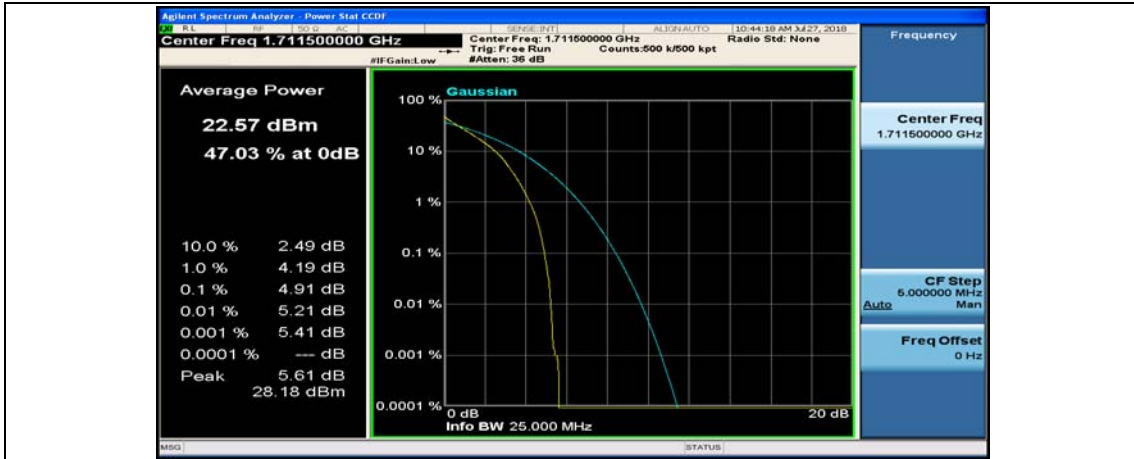
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



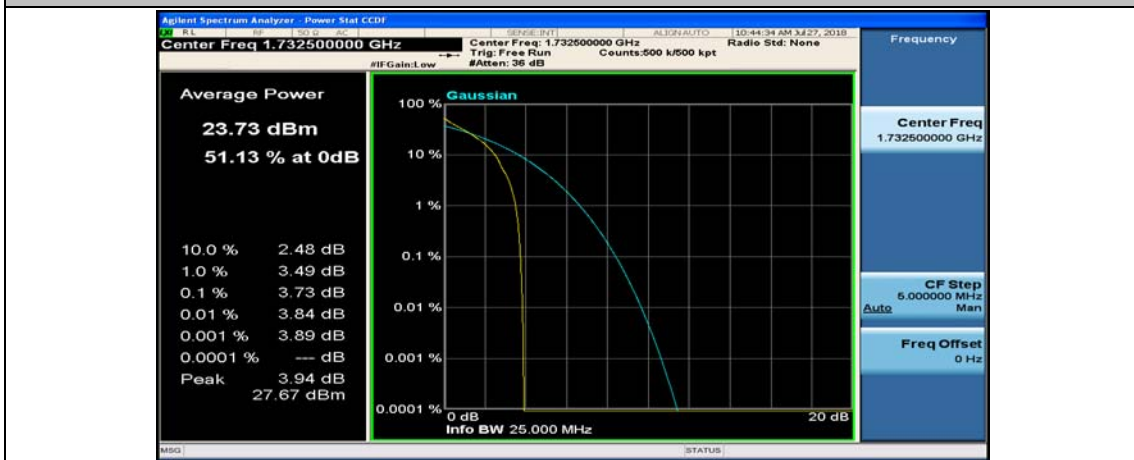
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



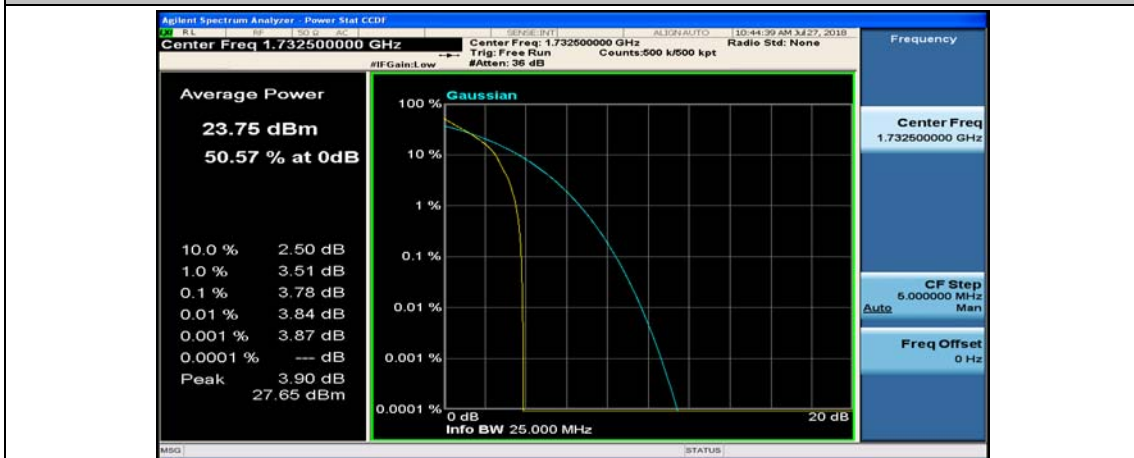
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



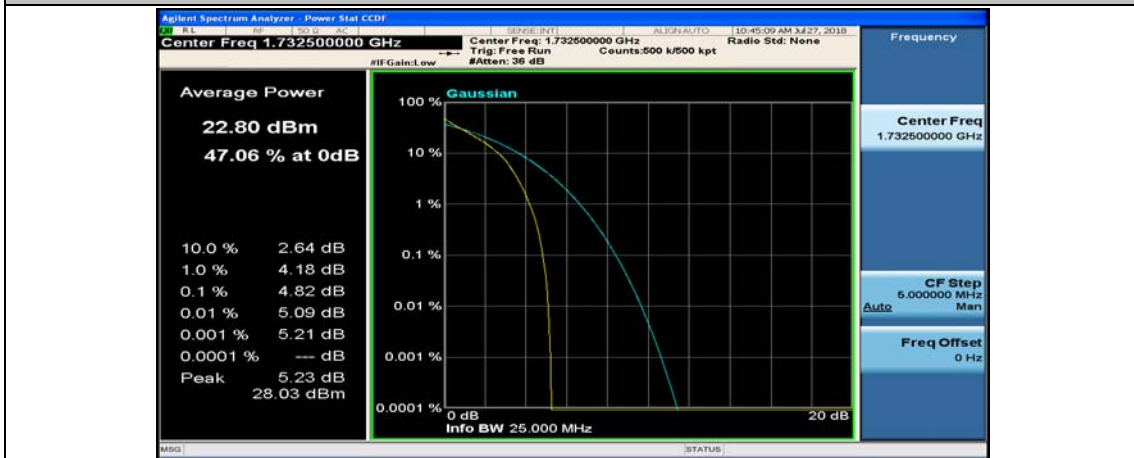
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



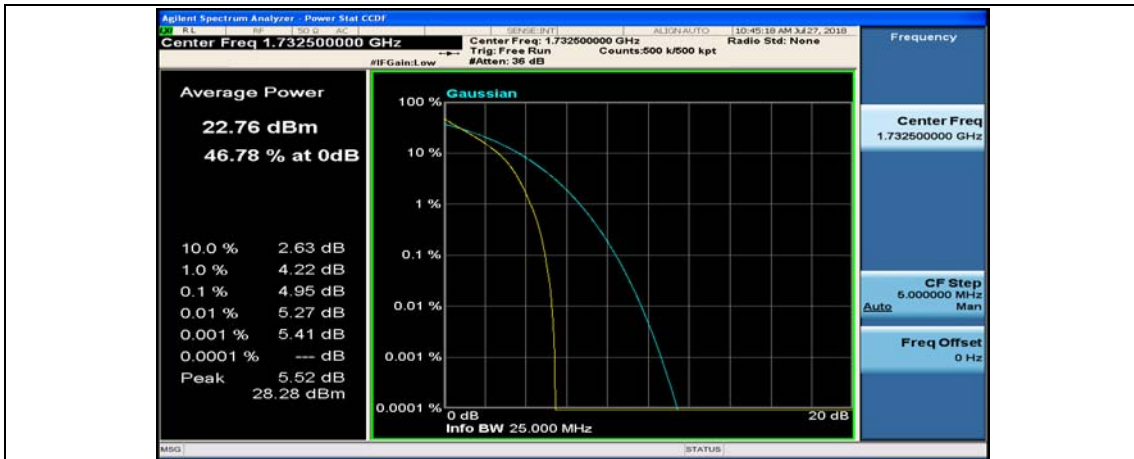
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



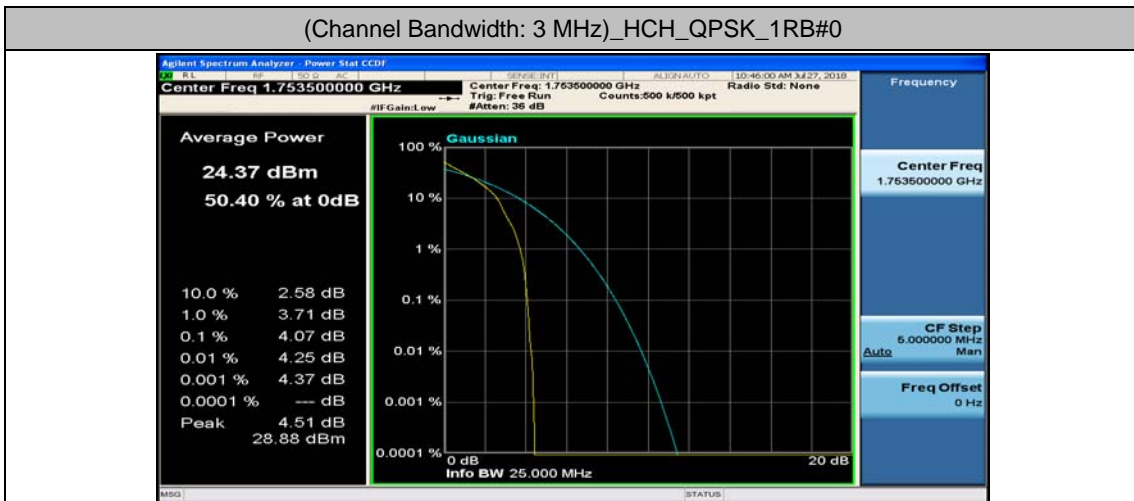
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



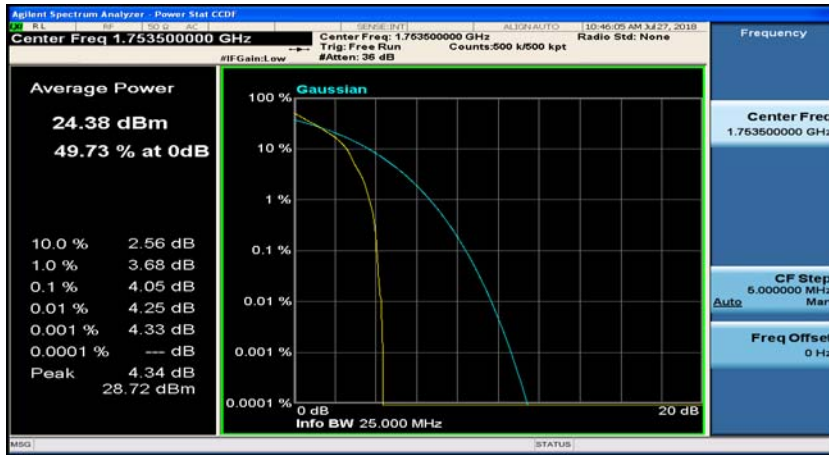
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



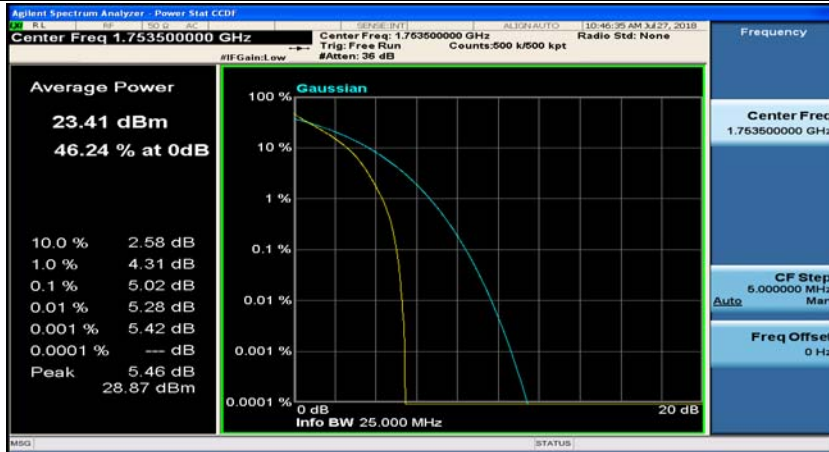
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



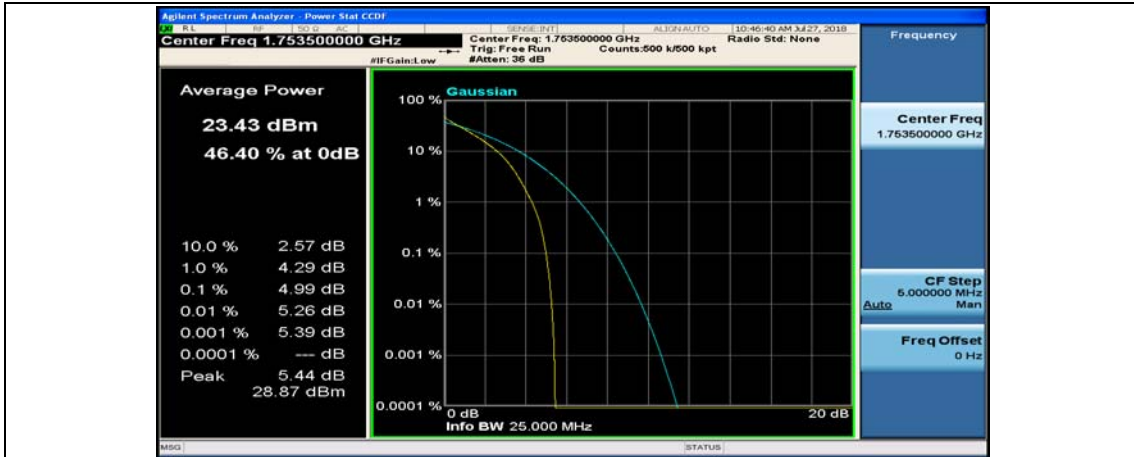
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



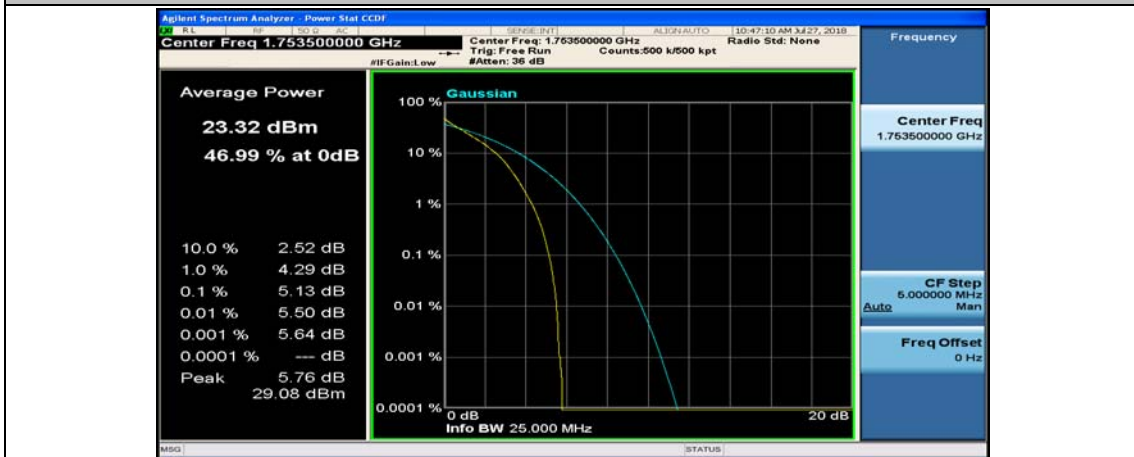
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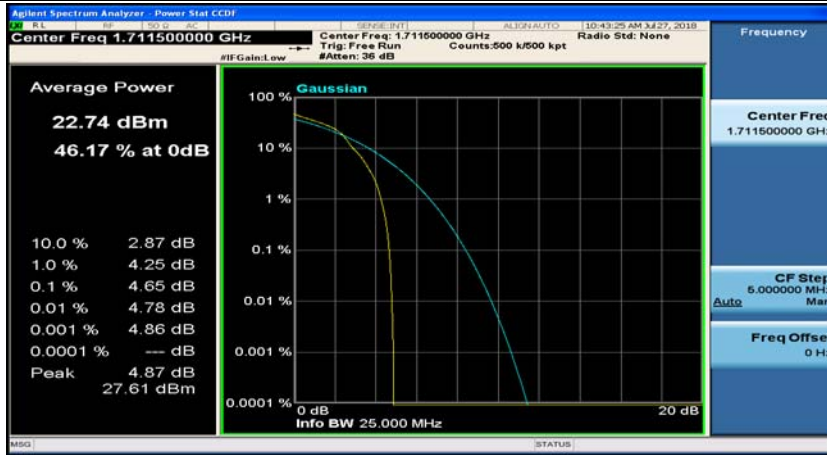
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



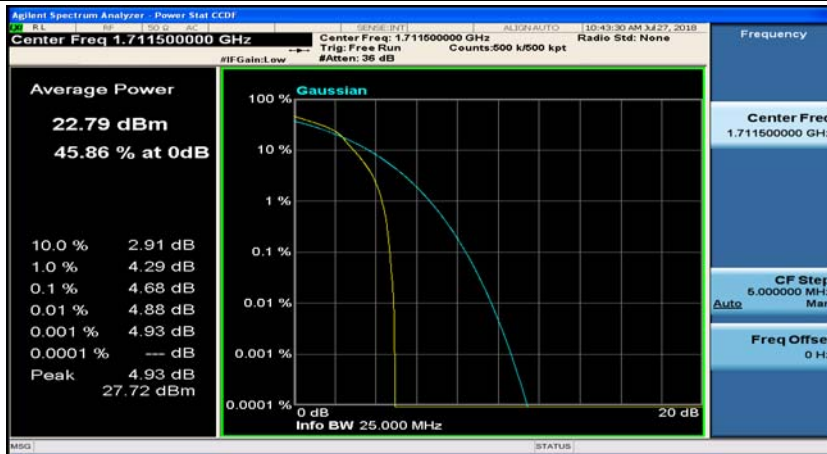
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



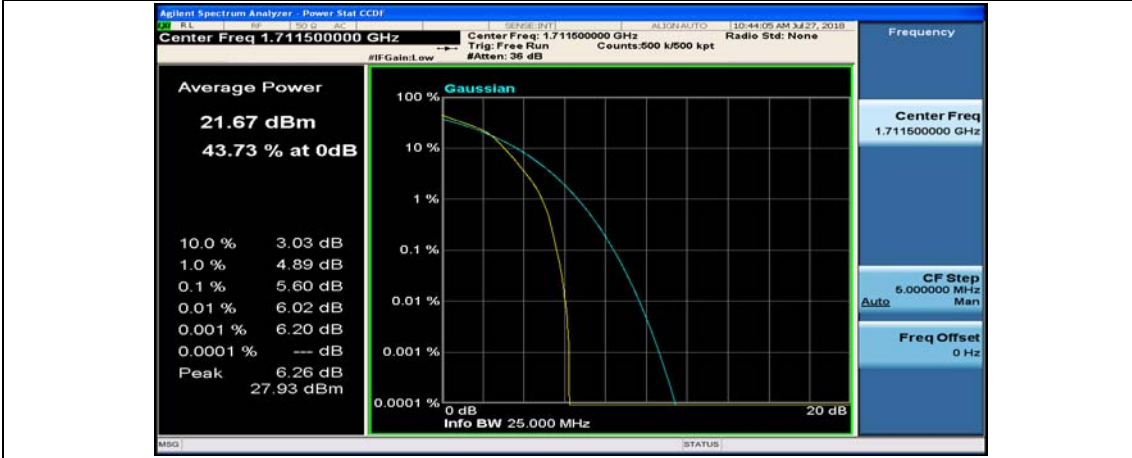
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



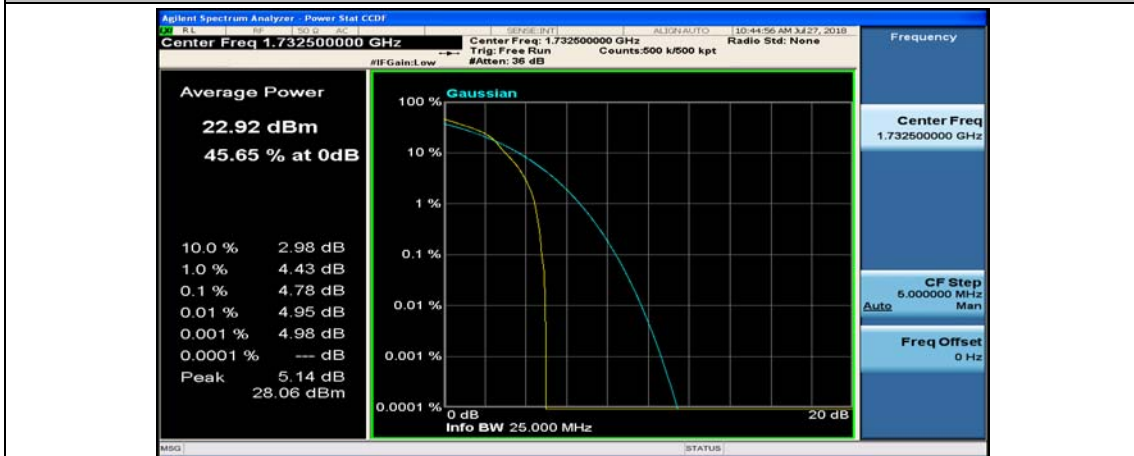
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



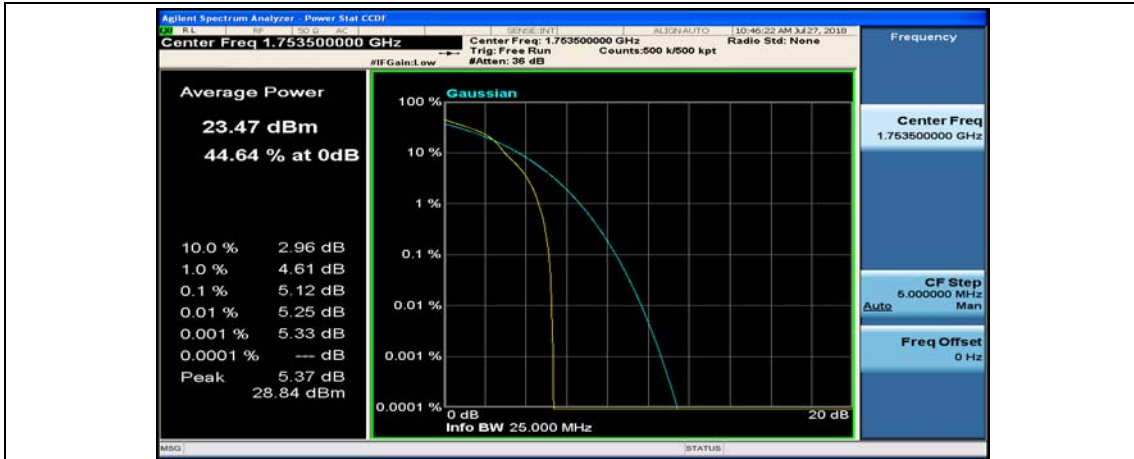
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



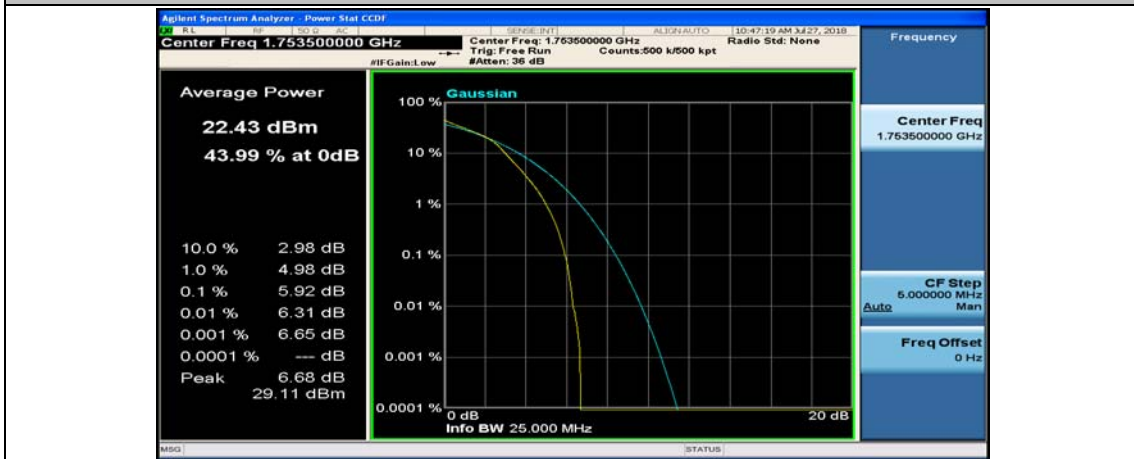
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



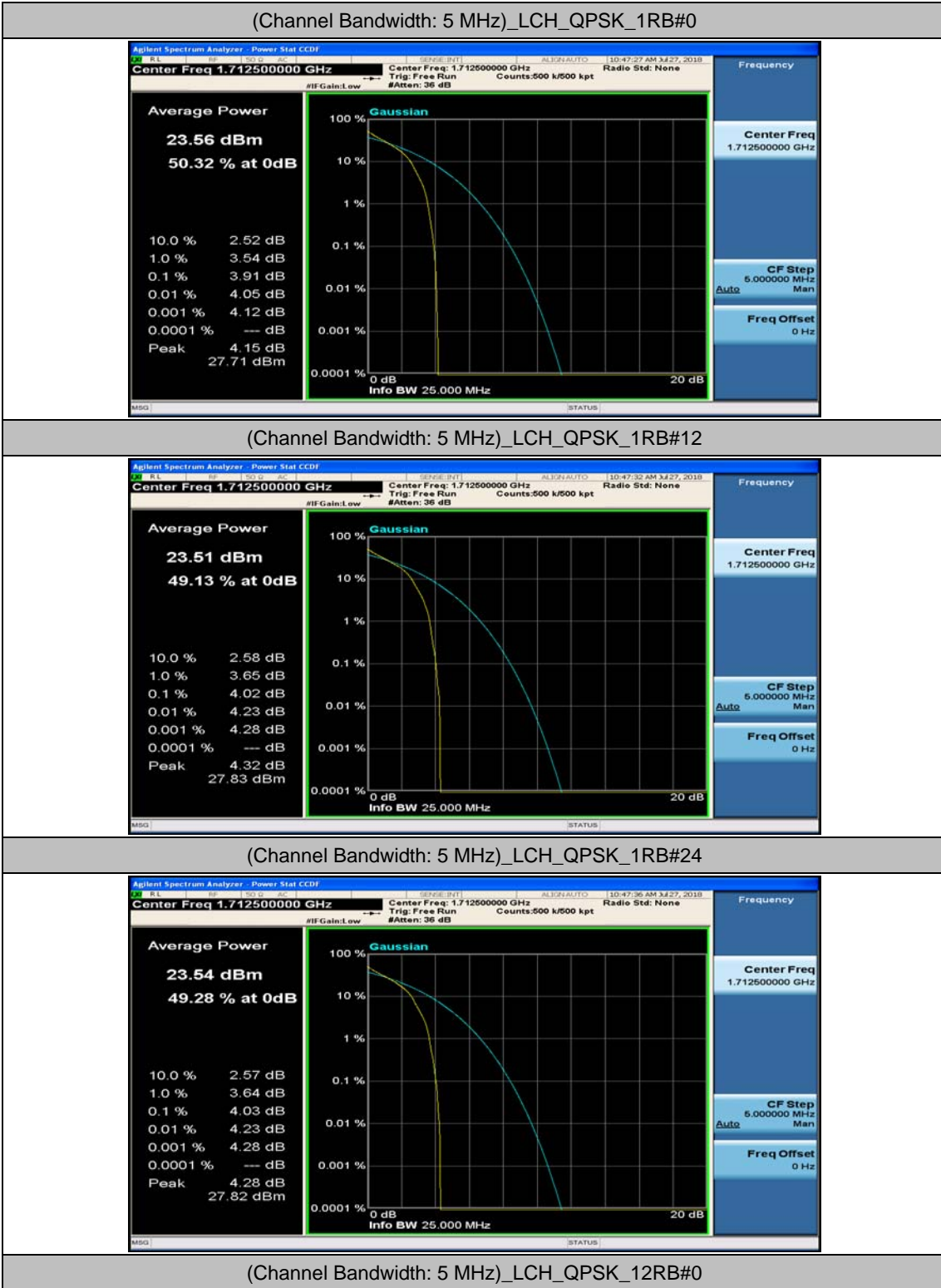
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



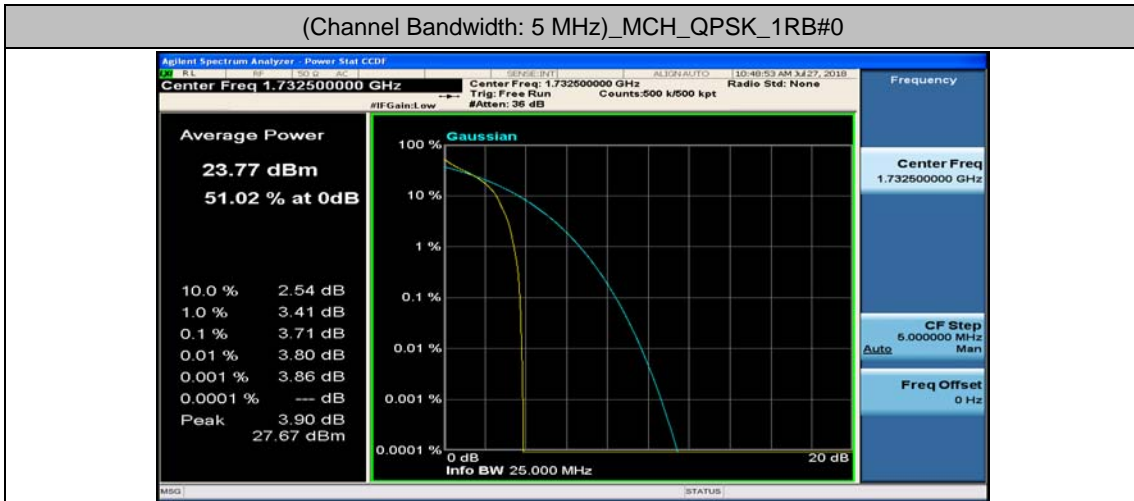
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



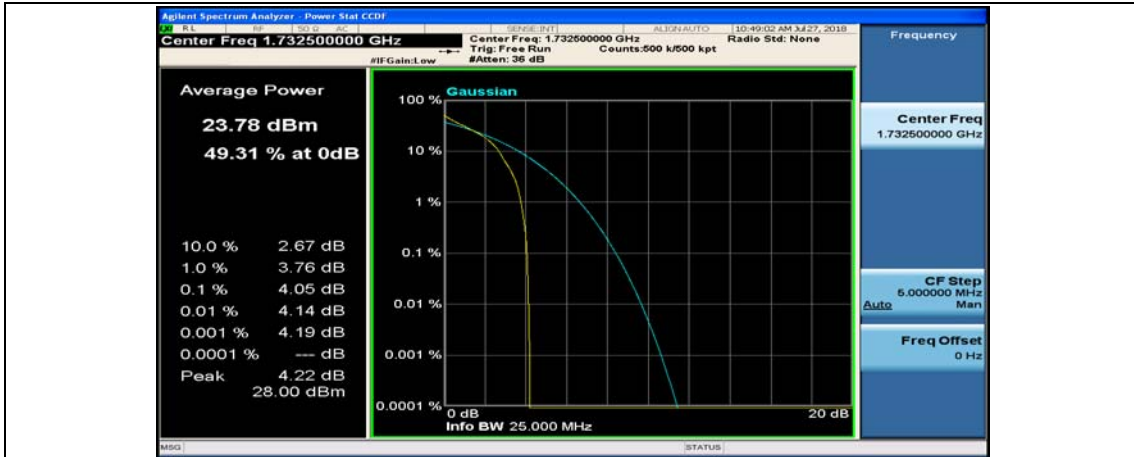
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



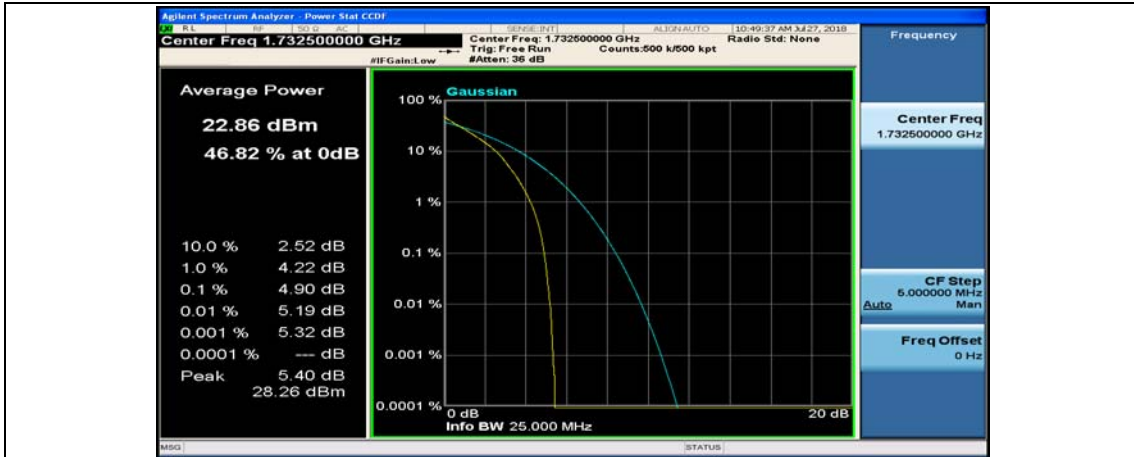
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



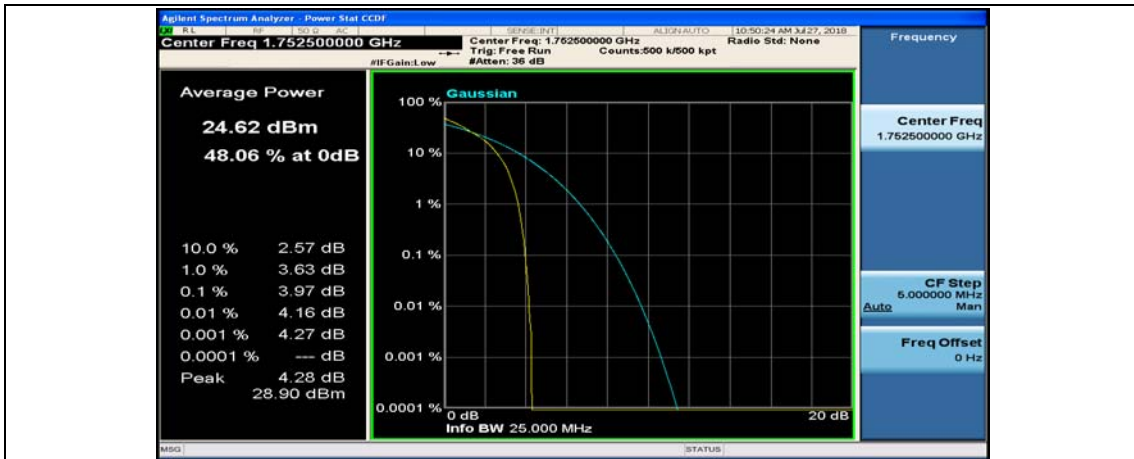
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



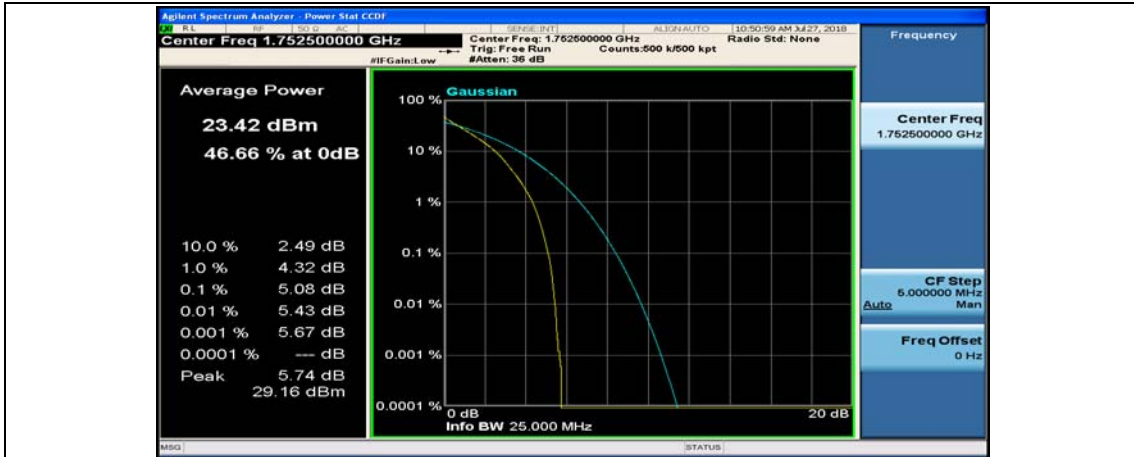
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



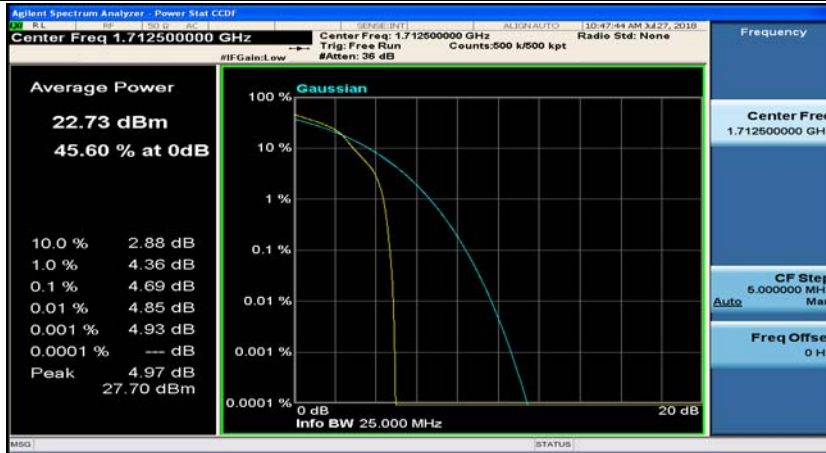
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



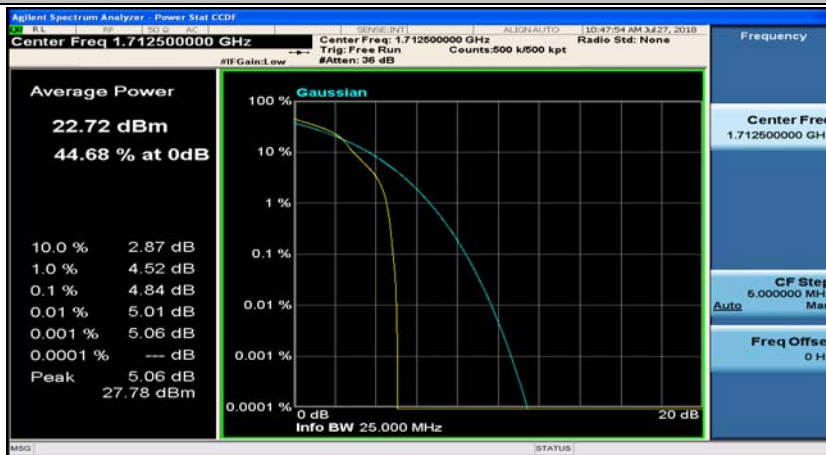
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0