# Appendix A. Test Results of Conducted Test

## Conducted Output Power(Average power)

## <Full Power Mode>

| LTE Band 2 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 22.59 | 22.59 | 22.53 |
| 1.4 | 1 | 2 | | 22.80 | 22.77 | 22.67 |
| 1.4 | 1 | 5 | | 22.57 | 22.62 | 22.57 |
| 1.4 | 3 | 0 | | 22.76 | 22.64 | 22.62 |
| 1.4 | 3 | 1 | | 22.62 | 22.66 | 22.83 |
| 1.4 | 3 | 2 | | 22.72 | 22.65 | 22.81 |
| 1.4 | 6 | 0 | | 20.72 | 20.66 | 20.68 |
| 1.4 | 1 | 0 | 16-QAM | 21.86 | 22.29 | 21.93 |
| 1.4 | 1 | 2 | | 22.26 | 21.94 | 22.09 |
| 1.4 | 1 | 5 | | 21.95 | 21.98 | 21.95 |
| 1.4 | 3 | 0 | | 21.91 | 21.82 | 22.41 |
| 1.4 | 3 | 1 | | 21.80 | 21.94 | 22.44 |
| 1.4 | 3 | 2 | | 21.78 | 21.83 | 22.40 |
| 1.4 | 6 | 0 | | 19.56 | 19.61 | 19.67 |
| 3 | 1 | 0 | QPSK | 22.72 | 22.66 | 22.80 |
| 3 | 1 | 7 | | 22.87 | 22.78 | 22.84 |
| 3 | 1 | 14 | | 22.78 | 22.61 | 22.47 |
| 3 | 8 | 0 | | 20.74 | 20.78 | 20.74 |
| 3 | 8 | 4 | | 20.67 | 20.66 | 20.73 |
| 3 | 8 | 7 | | 20.68 | 20.73 | 20.69 |
| 3 | 15 | 0 | | 20.67 | 20.76 | 20.73 |
| 3 | 1 | 0 | 16-QAM | 21.93 | 21.92 | 21.38 |
| 3 | 1 | 7 | | 22.13 | 22.45 | 21.69 |
| 3 | 1 | 14 | | 21.96 | 21.91 | 21.89 |
| 3 | 8 | 0 | | 19.81 | 19.92 | 19.65 |
| 3 | 8 | 4 | | 19.74 | 19.86 | 19.99 |
| 3 | 8 | 7 | | 19.75 | 19.86 | 19.96 |
| 3 | 15 | 0 | | 19.74 | 19.81 | 19.78 |

| LTE Band 2 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 22.49 | 22.78 | 22.62 |
| 5 | 1 | 12 | | 22.89 | 22.88 | 22.79 |
| 5 | 1 | 24 | | 22.49 | 22.85 | 22.72 |
| 5 | 12 | 0 | | 20.75 | 20.7 | 20.72 |
| 5 | 12 | 6 | | 20.71 | 20.72 | 20.76 |
| 5 | 12 | 11 | | 20.64 | 20.72 | 20.77 |
| 5 | 25 | 0 | | 20.72 | 20.77 | 20.74 |
| 5 | 1 | 0 | 16-QAM | 21.77 | 21.61 | 22.04 |
| 5 | 1 | 12 | | 21.56 | 21.77 | 22.16 |
| 5 | 1 | 24 | | 21.84 | 21.80 | 21.87 |
| 5 | 12 | 0 | | 19.65 | 19.93 | 19.70 |
| 5 | 12 | 6 | | 19.55 | 19.95 | 19.76 |
| 5 | 12 | 11 | | 19.73 | 20.03 | 19.75 |
| 5 | 25 | 0 | | 19.57 | 19.75 | 19.65 |
| 10 | 1 | 0 | QPSK | 22.66 | 22.83 | 22.58 |
| 10 | 1 | 24 | | 22.94 | 22.94 | 22.95 |
| 10 | 1 | 49 | | 22.82 | 22.63 | 22.72 |
| 10 | 25 | 0 | | 20.64 | 20.69 | 20.83 |
| 10 | 25 | 12 | | 20.62 | 20.72 | 20.68 |
| 10 | 25 | 24 | | 20.58 | 20.76 | 20.66 |
| 10 | 50 | 0 | | 20.66 | 20.73 | 20.72 |
| 10 | 1 | 0 | 16-QAM | 21.62 | 22.04 | 22.23 |
| 10 | 1 | 24 | | 22.06 | 21.92 | 22.29 |
| 10 | 1 | 49 | | 21.72 | 22.03 | 22.06 |
| 10 | 25 | 0 | | 19.85 | 19.70 | 19.91 |
| 10 | 25 | 12 | | 19.83 | 19.87 | 19.70 |
| 10 | 25 | 24 | | 19.58 | 19.78 | 19.71 |
| 10 | 50 | 0 | | 19.68 | 19.63 | 19.73 |

| LTE Band 2 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 15 | 1 | 0 | QPSK | 22.74 | 22.64 | 22.78 |
| 15 | 1 | 37 | | 22.80 | 22.67 | 22.76 |
| 15 | 1 | 74 | | 22.51 | 22.57 | 22.60 |
| 15 | 36 | 0 | | 20.65 | 20.74 | 20.76 |
| 15 | 36 | 18 | | 20.57 | 20.76 | 20.73 |
| 15 | 36 | 37 | | 20.57 | 20.77 | 20.64 |
| 15 | 75 | 0 | | 20.59 | 20.66 | 20.63 |
| 15 | 1 | 0 | 16-QAM | 21.99 | 22.26 | 22.37 |
| 15 | 1 | 37 | | 21.94 | 22.39 | 22.46 |
| 15 | 1 | 74 | | 21.68 | 22.42 | 22.33 |
| 15 | 36 | 0 | | 19.65 | 19.66 | 19.73 |
| 15 | 36 | 18 | | 19.67 | 19.63 | 19.70 |
| 15 | 36 | 37 | | 19.72 | 19.62 | 19.73 |
| 15 | 75 | 0 | | 19.59 | 19.78 | 19.61 |
| 20 | 1 | 0 | QPSK | 22.77 | 22.98 | 22.85 |
| 20 | 1 | 49 | | 22.62 | 22.70 | 22.82 |
| 20 | 1 | 99 | | 22.53 | 22.59 | 22.63 |
| 20 | 50 | 0 | | 20.77 | 20.84 | 20.74 |
| 20 | 50 | 24 | | 20.62 | 20.83 | 20.73 |
| 20 | 50 | 49 | | 20.51 | 20.81 | 20.71 |
| 20 | 100 | 0 | | 20.70 | 20.81 | 20.70 |
| 20 | 1 | 0 | 16-QAM | 22.11 | 22.33 | 21.95 |
| 20 | 1 | 49 | | 22.19 | 22.25 | 21.93 |
| 20 | 1 | 99 | | 21.91 | 21.95 | 21.90 |
| 20 | 50 | 0 | | 19.76 | 19.84 | 19.69 |
| 20 | 50 | 24 | | 19.63 | 19.78 | 19.67 |
| 20 | 50 | 49 | | 19.51 | 19.77 | 19.60 |
| 20 | 100 | 0 | | 19.69 | 19.82 | 19.78 |

| LTE Band 4 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 23.49 | 23.24 | 23.40 |
| 1.4 | 1 | 2 | | 23.50 | 23.47 | 23.39 |
| 1.4 | 1 | 5 | | 23.55 | 23.42 | 23.24 |
| 1.4 | 3 | 0 | | 23.57 | 23.57 | 23.33 |
| 1.4 | 3 | 1 | | 23.59 | 23.54 | 23.38 |
| 1.4 | 3 | 2 | | 23.56 | 23.40 | 23.39 |
| 1.4 | 6 | 0 | | 22.51 | 22.37 | 22.53 |
| 1.4 | 1 | 0 | 16-QAM | 23.22 | 23.30 | 22.42 |
| 1.4 | 1 | 2 | | 23.12 | 23.31 | 22.31 |
| 1.4 | 1 | 5 | | 22.50 | 23.03 | 22.59 |
| 1.4 | 3 | 0 | | 22.65 | 22.63 | 22.43 |
| 1.4 | 3 | 1 | | 22.71 | 22.67 | 22.64 |
| 1.4 | 3 | 2 | | 22.60 | 22.54 | 22.59 |
| 1.4 | 6 | 0 | | 20.90 | 21.16 | 20.91 |
| 3 | 1 | 0 | QPSK | 23.23 | 23.06 | 23.05 |
| 3 | 1 | 7 | | 23.54 | 23.64 | 23.29 |
| 3 | 1 | 14 | | 23.09 | 22.98 | 23.14 |
| 3 | 8 | 0 | | 22.38 | 22.31 | 22.25 |
| 3 | 8 | 4 | | 22.30 | 22.24 | 22.25 |
| 3 | 8 | 7 | | 22.23 | 22.25 | 22.28 |
| 3 | 15 | 0 | | 22.23 | 22.22 | 22.17 |
| 3 | 1 | 0 | 16-QAM | 22.96 | 22.59 | 22.14 |
| 3 | 1 | 7 | | 23.07 | 22.54 | 22.48 |
| 3 | 1 | 14 | | 22.99 | 22.56 | 22.26 |
| 3 | 8 | 0 | | 21.40 | 21.45 | 21.46 |
| 3 | 8 | 4 | | 21.22 | 21.57 | 21.54 |
| 3 | 8 | 7 | | 21.14 | 21.50 | 21.54 |
| 3 | 15 | 0 | | 21.25 | 21.32 | 21.24 |

| LTE Band 4 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 22.94 | 23.23 | 23.02 |
| 5 | 1 | 12 | | 23.26 | 22.95 | 23.27 |
| 5 | 1 | 24 | | 23.13 | 23.06 | 22.88 |
| 5 | 12 | 0 | | 22.31 | 22.14 | 22.21 |
| 5 | 12 | 6 | | 22.30 | 22.22 | 22.17 |
| 5 | 12 | 11 | | 22.24 | 22.24 | 22.10 |
| 5 | 25 | 0 | | 22.21 | 22.24 | 22.24 |
| 5 | 1 | 0 | 16-QAM | 22.33 | 22.48 | 22.56 |
| 5 | 1 | 12 | | 22.66 | 22.28 | 22.54 |
| 5 | 1 | 24 | | 22.37 | 22.19 | 22.49 |
| 5 | 12 | 0 | | 21.18 | 21.20 | 21.17 |
| 5 | 12 | 6 | | 21.16 | 21.23 | 21.32 |
| 5 | 12 | 11 | | 21.23 | 21.21 | 21.08 |
| 5 | 25 | 0 | | 21.47 | 21.07 | 21.19 |
| 10 | 1 | 0 | QPSK | 23.20 | 23.23 | 23.46 |
| 10 | 1 | 24 | | 22.94 | 23.37 | 22.93 |
| 10 | 1 | 49 | | 22.97 | 23.35 | 22.93 |
| 10 | 25 | 0 | | 22.39 | 22.30 | 22.35 |
| 10 | 25 | 12 | | 22.21 | 22.17 | 22.16 |
| 10 | 25 | 24 | | 22.14 | 22.22 | 22.16 |
| 10 | 50 | 0 | | 22.25 | 22.31 | 22.26 |
| 10 | 1 | 0 | 16-QAM | 22.61 | 22.57 | 23.24 |
| 10 | 1 | 24 | | 22.32 | 22.31 | 23.14 |
| 10 | 1 | 49 | | 22.12 | 22.45 | 23.09 |
| 10 | 25 | 0 | | 21.53 | 21.48 | 21.32 |
| 10 | 25 | 12 | | 21.30 | 21.47 | 21.33 |
| 10 | 25 | 24 | | 21.16 | 21.05 | 21.31 |
| 10 | 50 | 0 | | 21.13 | 21.30 | 21.33 |

| LTE Band 4 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 15 | 1 | 0 | QPSK | 23.43 | 23.26 | 23.59 |
| 15 | 1 | 37 | | 23.22 | 23.22 | 23.51 |
| 15 | 1 | 74 | | 23.05 | 23.25 | 23.25 |
| 15 | 36 | 0 | | 22.37 | 22.27 | 22.42 |
| 15 | 36 | 18 | | 22.23 | 22.37 | 22.29 |
| 15 | 36 | 37 | | 22.23 | 22.28 | 22.17 |
| 15 | 75 | 0 | | 22.30 | 22.38 | 22.38 |
| 15 | 1 | 0 | 16-QAM | 23.00 | 22.68 | 23.08 |
| 15 | 1 | 37 | | 23.06 | 22.65 | 22.82 |
| 15 | 1 | 74 | | 22.82 | 22.67 | 22.71 |
| 15 | 36 | 0 | | 21.46 | 21.41 | 21.45 |
| 15 | 36 | 18 | | 21.32 | 21.36 | 21.34 |
| 15 | 36 | 37 | | 21.30 | 21.26 | 21.21 |
| 15 | 75 | 0 | | 21.27 | 21.28 | 21.29 |
| 20 | 1 | 0 | QPSK | 23.36 | 23.65 | 23.29 |
| 20 | 1 | 49 | | 23.31 | 23.60 | 23.23 |
| 20 | 1 | 99 | | 23.12 | 23.48 | 23.22 |
| 20 | 50 | 0 | | 22.31 | 22.42 | 22.40 |
| 20 | 50 | 24 | | 22.26 | 22.28 | 22.33 |
| 20 | 50 | 49 | | 22.19 | 22.29 | 22.10 |
| 20 | 100 | 0 | | 22.36 | 22.38 | 22.21 |
| 20 | 1 | 0 | 16-QAM | 22.84 | 22.54 | 22.17 |
| 20 | 1 | 49 | | 22.54 | 22.51 | 22.16 |
| 20 | 1 | 99 | | 22.52 | 22.49 | 22.11 |
| 20 | 50 | 0 | | 21.45 | 21.34 | 21.52 |
| 20 | 50 | 24 | | 21.36 | 21.32 | 21.45 |
| 20 | 50 | 49 | | 21.20 | 21.31 | 21.42 |
| 20 | 100 | 0 | | 21.25 | 21.24 | 21.42 |

| LTE Band 5 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 23.64 | 23.45 | 23.29 |
| 1.4 | 1 | 2 | | 23.45 | 23.32 | 23.32 |
| 1.4 | 1 | 5 | | 23.33 | 23.21 | 23.31 |
| 1.4 | 3 | 0 | | 23.52 | 23.47 | 23.58 |
| 1.4 | 3 | 1 | | 23.67 | 23.61 | 23.73 |
| 1.4 | 3 | 2 | | 23.66 | 23.46 | 23.47 |
| 1.4 | 6 | 0 | | 22.59 | 22.61 | 22.49 |
| 1.4 | 1 | 0 | 16-QAM | 23.30 | 23.23 | 23.18 |
| 1.4 | 1 | 2 | | 23.39 | 23.21 | 23.24 |
| 1.4 | 1 | 5 | | 23.36 | 23.13 | 23.19 |
| 1.4 | 3 | 0 | | 22.64 | 23.25 | 23.30 |
| 1.4 | 3 | 1 | | 22.78 | 23.39 | 23.48 |
| 1.4 | 3 | 2 | | 22.68 | 23.34 | 23.43 |
| 1.4 | 6 | 0 | | 21.26 | 21.49 | 21.43 |
| 3 | 1 | 0 | QPSK | 23.54 | 23.36 | 23.54 |
| 3 | 1 | 7 | | 23.36 | 23.64 | 23.60 |
| 3 | 1 | 14 | | 23.33 | 23.32 | 23.58 |
| 3 | 8 | 0 | | 22.68 | 22.50 | 22.51 |
| 3 | 8 | 4 | | 22.60 | 22.49 | 22.50 |
| 3 | 8 | 7 | | 22.59 | 22.42 | 22.56 |
| 3 | 15 | 0 | | 22.60 | 22.43 | 22.45 |
| 3 | 1 | 0 | 16-QAM | 23.29 | 23.13 | 23.35 |
| 3 | 1 | 7 | | 23.35 | 23.26 | 22.68 |
| 3 | 1 | 14 | | 23.23 | 23.24 | 22.71 |
| 3 | 8 | 0 | | 21.85 | 21.76 | 21.34 |
| 3 | 8 | 4 | | 21.86 | 21.76 | 21.57 |
| 3 | 8 | 7 | | 21.87 | 21.70 | 21.68 |
| 3 | 15 | 0 | | 21.70 | 21.57 | 21.59 |

| LTE Band 5 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 23.36 | 23.27 | 23.33 |
| 5 | 1 | 12 | | 23.53 | 23.49 | 23.48 |
| 5 | 1 | 24 | | 23.17 | 23.35 | 23.22 |
| 5 | 12 | 0 | | 22.56 | 22.51 | 22.50 |
| 5 | 12 | 6 | | 22.59 | 22.45 | 22.46 |
| 5 | 12 | 11 | | 22.53 | 22.47 | 22.37 |
| 5 | 25 | 0 | | 22.58 | 22.46 | 22.37 |
| 5 | 1 | 0 | 16-QAM | 22.33 | 22.82 | 23.18 |
| 5 | 1 | 12 | | 22.79 | 22.92 | 23.31 |
| 5 | 1 | 24 | | 22.44 | 23.49 | 23.12 |
| 5 | 12 | 0 | | 21.54 | 21.53 | 21.37 |
| 5 | 12 | 6 | | 21.56 | 21.25 | 21.26 |
| 5 | 12 | 11 | | 21.43 | 21.19 | 21.25 |
| 5 | 25 | 0 | | 21.80 | 21.32 | 21.46 |
| 10 | 1 | 0 | QPSK | 23.64 | 23.33 | 23.45 |
| 10 | 1 | 24 | | 23.68 | 23.74 | 23.47 |
| 10 | 1 | 49 | | 23.57 | 23.22 | 23.39 |
| 10 | 25 | 0 | | 22.27 | 22.60 | 22.51 |
| 10 | 25 | 12 | | 22.58 | 22.53 | 22.45 |
| 10 | 25 | 24 | | 22.46 | 22.41 | 22.41 |
| 10 | 50 | 0 | | 22.42 | 22.58 | 22.41 |
| 10 | 1 | 0 | 16-QAM | 22.85 | 23.21 | 23.37 |
| 10 | 1 | 24 | | 22.68 | 23.19 | 23.26 |
| 10 | 1 | 49 | | 22.68 | 23.14 | 23.35 |
| 10 | 25 | 0 | | 21.69 | 21.50 | 21.48 |
| 10 | 25 | 12 | | 21.68 | 21.47 | 21.41 |
| 10 | 25 | 24 | | 21.56 | 21.41 | 21.39 |
| 10 | 50 | 0 | | 21.62 | 21.44 | 21.40 |

| LTE Band 7 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 20.71 | 20.97 | 20.76 |
| 5 | 1 | 12 | | 20.64 | 20.91 | 20.83 |
| 5 | 1 | 24 | | 20.67 | 20.78 | 20.80 |
| 5 | 12 | 0 | | 19.90 | 19.91 | 19.90 |
| 5 | 12 | 6 | | 19.92 | 19.88 | 19.91 |
| 5 | 12 | 11 | | 19.76 | 19.80 | 19.75 |
| 5 | 25 | 0 | | 19.79 | 19.89 | 19.82 |
| 5 | 1 | 0 | 16-QAM | 20.68 | 20.19 | 20.40 |
| 5 | 1 | 12 | | 20.72 | 20.02 | 20.19 |
| 5 | 1 | 24 | | 20.70 | 19.67 | 19.65 |
| 5 | 12 | 0 | | 19.16 | 19.01 | 18.93 |
| 5 | 12 | 6 | | 19.03 | 18.89 | 18.98 |
| 5 | 12 | 11 | | 19.11 | 18.87 | 18.87 |
| 5 | 25 | 0 | | 18.66 | 18.86 | 19.07 |
| 10 | 1 | 0 | QPSK | 20.95 | 20.79 | 20.73 |
| 10 | 1 | 24 | | 21.10 | 20.78 | 20.83 |
| 10 | 1 | 49 | | 20.94 | 20.68 | 20.54 |
| 10 | 25 | 0 | | 19.84 | 19.93 | 19.90 |
| 10 | 25 | 12 | | 19.80 | 19.95 | 19.84 |
| 10 | 25 | 24 | | 19.79 | 19.85 | 19.80 |
| 10 | 50 | 0 | | 19.87 | 19.89 | 19.88 |
| 10 | 1 | 0 | 16-QAM | 20.26 | 19.46 | 19.54 |
| 10 | 1 | 24 | | 20.24 | 19.46 | 19.41 |
| 10 | 1 | 49 | | 19.54 | 19.65 | 20.04 |
| 10 | 25 | 0 | | 19.12 | 19.03 | 19.11 |
| 10 | 25 | 12 | | 18.98 | 18.83 | 19.19 |
| 10 | 25 | 24 | | 18.86 | 18.87 | 19.14 |
| 10 | 50 | 0 | | 18.64 | 18.67 | 18.81 |

| LTE Band 7 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 15 | 1 | 0 | QPSK | 21.03 | 20.99 | 20.88 |
| 15 | 1 | 37 | | 20.79 | 20.90 | 21.14 |
| 15 | 1 | 74 | | 20.79 | 20.71 | 20.99 |
| 15 | 36 | 0 | | 19.95 | 19.98 | 19.80 |
| 15 | 36 | 18 | | 19.83 | 19.95 | 19.81 |
| 15 | 36 | 37 | | 19.84 | 19.89 | 19.77 |
| 15 | 75 | 0 | | 19.86 | 19.92 | 19.87 |
| 15 | 1 | 0 | 16-QAM | 20.57 | 20.67 | 20.04 |
| 15 | 1 | 37 | | 20.87 | 20.76 | 19.65 |
| 15 | 1 | 74 | | 20.75 | 20.81 | 19.61 |
| 15 | 36 | 0 | | 18.90 | 19.03 | 18.91 |
| 15 | 36 | 18 | | 18.71 | 18.77 | 18.82 |
| 15 | 36 | 37 | | 18.70 | 18.74 | 18.92 |
| 15 | 75 | 0 | | 18.87 | 19.00 | 18.74 |
| 20 | 1 | 0 | QPSK | 21.02 | 21.28 | 21.08 |
| 20 | 1 | 49 | | 20.82 | 21.23 | 21.06 |
| 20 | 1 | 99 | | 20.80 | 21.03 | 20.91 |
| 20 | 50 | 0 | | 20.00 | 20.10 | 20.08 |
| 20 | 50 | 24 | | 19.92 | 19.97 | 19.93 |
| 20 | 50 | 49 | | 19.89 | 19.90 | 19.90 |
| 20 | 100 | 0 | | 19.96 | 20.02 | 19.97 |
| 20 | 1 | 0 | 16-QAM | 20.57 | 19.70 | 20.24 |
| 20 | 1 | 49 | | 20.59 | 19.77 | 20.30 |
| 20 | 1 | 99 | | 19.83 | 19.72 | 20.29 |
| 20 | 50 | 0 | | 19.05 | 19.00 | 19.24 |
| 20 | 50 | 24 | | 18.97 | 18.92 | 19.05 |
| 20 | 50 | 49 | | 18.91 | 18.78 | 19.14 |
| 20 | 100 | 0 | | 18.95 | 18.99 | 19.01 |

| LTE Band 12 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 23.39 | 23.42 | 23.32 |
| 1.4 | 1 | 2 | | 23.34 | 23.31 | 23.52 |
| 1.4 | 1 | 5 | | 23.17 | 23.46 | 23.30 |
| 1.4 | 3 | 0 | | 23.3 | 23.43 | 23.46 |
| 1.4 | 3 | 1 | | 23.28 | 23.48 | 23.54 |
| 1.4 | 3 | 2 | | 23.30 | 23.53 | 23.56 |
| 1.4 | 6 | 0 | | 22.39 | 22.64 | 22.55 |
| 1.4 | 1 | 0 | 16-QAM | 23.17 | 23.15 | 22.62 |
| 1.4 | 1 | 2 | | 23.12 | 23.15 | 22.69 |
| 1.4 | 1 | 5 | | 23.03 | 23.18 | 22.62 |
| 1.4 | 3 | 0 | | 22.92 | 23.13 | 22.66 |
| 1.4 | 3 | 1 | | 23.15 | 23.39 | 22.95 |
| 1.4 | 3 | 2 | | 23.08 | 23.33 | 22.98 |
| 1.4 | 6 | 0 | | 21.24 | 21.49 | 21.23 |
| 3 | 1 | 0 | QPSK | 23.23 | 23.46 | 23.40 |
| 3 | 1 | 7 | | 23.28 | 23.55 | 23.44 |
| 3 | 1 | 14 | | 23.23 | 23.35 | 23.67 |
| 3 | 8 | 0 | | 22.40 | 22.54 | 22.48 |
| 3 | 8 | 4 | | 22.32 | 22.55 | 22.53 |
| 3 | 8 | 7 | | 22.36 | 22.53 | 22.50 |
| 3 | 15 | 0 | | 22.42 | 22.54 | 22.40 |
| 3 | 1 | 0 | 16-QAM | 23.08 | 23.26 | 22.78 |
| 3 | 1 | 7 | | 23.17 | 23.39 | 22.84 |
| 3 | 1 | 14 | | 23.10 | 23.14 | 22.93 |
| 3 | 8 | 0 | | 21.63 | 21.77 | 21.71 |
| 3 | 8 | 4 | | 21.59 | 21.78 | 21.76 |
| 3 | 8 | 7 | | 21.68 | 21.76 | 21.74 |
| 3 | 15 | 0 | | 21.43 | 21.54 | 21.53 |

| LTE Band 12 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 23.24 | 23.54 | 23.24 |
| 5 | 1 | 12 | | 23.37 | 23.42 | 23.52 |
| 5 | 1 | 24 | | 23.23 | 23.16 | 23.34 |
| 5 | 12 | 0 | | 22.30 | 22.49 | 22.43 |
| 5 | 12 | 6 | | 22.42 | 22.56 | 22.46 |
| 5 | 12 | 11 | | 22.42 | 22.48 | 22.50 |
| 5 | 25 | 0 | | 22.48 | 22.40 | 22.40 |
| 5 | 1 | 0 | 16-QAM | 22.19 | 23.21 | 23.07 |
| 5 | 1 | 12 | | 22.24 | 23.36 | 23.46 |
| 5 | 1 | 24 | | 22.21 | 23.06 | 22.42 |
| 5 | 12 | 0 | | 21.09 | 21.46 | 21.41 |
| 5 | 12 | 6 | | 21.11 | 21.44 | 21.46 |
| 5 | 12 | 11 | | 21.10 | 21.27 | 21.40 |
| 5 | 25 | 0 | | 21.27 | 21.48 | 21.29 |
| 10 | 1 | 0 | QPSK | 23.51 | 23.68 | 23.57 |
| 10 | 1 | 24 | | 23.27 | 23.21 | 23.35 |
| 10 | 1 | 49 | | 23.22 | 23.39 | 23.48 |
| 10 | 25 | 0 | | 22.35 | 22.61 | 22.51 |
| 10 | 25 | 12 | | 22.45 | 22.47 | 22.40 |
| 10 | 25 | 24 | | 22.33 | 22.28 | 22.60 |
| 10 | 50 | 0 | | 22.35 | 22.48 | 22.41 |
| 10 | 1 | 0 | 16-QAM | 23.03 | 22.95 | 22.93 |
| 10 | 1 | 24 | | 22.68 | 22.58 | 22.63 |
| 10 | 1 | 49 | | 22.71 | 22.55 | 22.86 |
| 10 | 25 | 0 | | 21.53 | 21.41 | 21.61 |
| 10 | 25 | 12 | | 21.54 | 21.57 | 21.56 |
| 10 | 25 | 24 | | 21.53 | 21.70 | 21.69 |
| 10 | 50 | 0 | | 21.23 | 21.19 | 21.26 |

| LTE Band 17 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 23.52 | 23.48 | 23.28 |
| 5 | 1 | 12 | | 23.50 | 23.51 | 23.44 |
| 5 | 1 | 24 | | 23.35 | 23.31 | 23.29 |
| 5 | 12 | 0 | | 22.36 | 22.50 | 22.47 |
| 5 | 12 | 6 | | 22.45 | 22.54 | 22.50 |
| 5 | 12 | 11 | | 22.52 | 22.56 | 22.54 |
| 5 | 25 | 0 | | 22.48 | 22.50 | 22.44 |
| 5 | 1 | 0 | 16-QAM | 22.76 | 23.35 | 23.19 |
| 5 | 1 | 12 | | 22.91 | 23.27 | 23.30 |
| 5 | 1 | 24 | | 23.03 | 23.16 | 23.20 |
| 5 | 12 | 0 | | 21.34 | 21.38 | 21.36 |
| 5 | 12 | 6 | | 21.33 | 21.39 | 21.33 |
| 5 | 12 | 11 | | 21.37 | 21.44 | 21.41 |
| 5 | 25 | 0 | | 21.47 | 21.49 | 21.35 |
| 10 | 1 | 0 | QPSK | 23.39 | 23.60 | 23.50 |
| 10 | 1 | 24 | | 23.24 | 23.37 | 23.43 |
| 10 | 1 | 49 | | 23.34 | 23.50 | 23.44 |
| 10 | 25 | 0 | | 22.59 | 22.62 | 22.45 |
| 10 | 25 | 12 | | 22.53 | 22.45 | 22.54 |
| 10 | 25 | 24 | | 22.57 | 22.53 | 22.50 |
| 10 | 50 | 0 | | 22.44 | 22.55 | 22.51 |
| 10 | 1 | 0 | 16-QAM | 22.69 | 22.85 | 22.95 |
| 10 | 1 | 24 | | 22.60 | 22.76 | 22.73 |
| 10 | 1 | 49 | | 22.72 | 22.89 | 23.27 |
| 10 | 25 | 0 | | 21.51 | 21.56 | 21.52 |
| 10 | 25 | 12 | | 21.35 | 21.50 | 21.52 |
| 10 | 25 | 24 | | 21.58 | 21.54 | 21.49 |
| 10 | 50 | 0 | | 21.37 | 21.52 | 21.42 |

## < Reduced Power Mode >

| LTE Band 2 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 15.97 | 15.92 | 15.84 |
| 1.4 | 1 | 2 | | 15.87 | 15.85 | 16.27 |
| 1.4 | 1 | 5 | | 15.78 | 15.83 | 15.79 |
| 1.4 | 3 | 0 | | 15.87 | 15.92 | 15.90 |
| 1.4 | 3 | 1 | | 15.88 | 16.05 | 15.95 |
| 1.4 | 3 | 2 | | 15.91 | 15.97 | 15.92 |
| 1.4 | 6 | 0 | | 15.89 | 16.00 | 16.07 |
| 1.4 | 1 | 0 | 16-QAM | 16.16 | 16.44 | 16.56 |
| 1.4 | 1 | 2 | | 16.44 | 16.49 | 16.54 |
| 1.4 | 1 | 5 | | 16.18 | 16.31 | 16.53 |
| 1.4 | 3 | 0 | | 16.23 | 16.14 | 16.51 |
| 1.4 | 3 | 1 | | 16.23 | 15.70 | 16.52 |
| 1.4 | 3 | 2 | | 16.42 | 16.06 | 16.52 |
| 1.4 | 6 | 0 | | 16.09 | 15.45 | 15.90 |
| 3 | 1 | 0 | QPSK | 16.08 | 15.81 | 15.99 |
| 3 | 1 | 7 | | 15.89 | 16.41 | 16.22 |
| 3 | 1 | 14 | | 15.75 | 15.80 | 15.74 |
| 3 | 8 | 0 | | 16.03 | 16.00 | 15.97 |
| 3 | 8 | 4 | | 16.01 | 15.96 | 15.96 |
| 3 | 8 | 7 | | 15.91 | 15.97 | 15.94 |
| 3 | 15 | 0 | | 15.91 | 15.99 | 15.95 |
| 3 | 1 | 0 | 16-QAM | 16.43 | 16.38 | 16.55 |
| 3 | 1 | 7 | | 16.54 | 16.28 | 16.51 |
| 3 | 1 | 14 | | 15.89 | 16.23 | 16.56 |
| 3 | 8 | 0 | | 15.98 | 16.22 | 16.18 |
| 3 | 8 | 4 | | 16.14 | 16.39 | 16.12 |
| 3 | 8 | 7 | | 16.27 | 16.37 | 16.30 |
| 3 | 15 | 0 | | 16.04 | 16.06 | 16.09 |

| LTE Band 2 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 15.72 | 15.78 | 16.04 |
| 5 | 1 | 12 | | 15.99 | 16.33 | 16.19 |
| 5 | 1 | 24 | | 16.08 | 15.81 | 15.90 |
| 5 | 12 | 0 | | 15.94 | 15.94 | 15.89 |
| 5 | 12 | 6 | | 15.86 | 15.96 | 15.88 |
| 5 | 12 | 11 | | 15.87 | 15.96 | 15.84 |
| 5 | 25 | 0 | | 15.92 | 16.02 | 15.89 |
| 5 | 1 | 0 | 16-QAM | 16.42 | 16.14 | 15.91 |
| 5 | 1 | 12 | | 16.41 | 16.21 | 16.59 |
| 5 | 1 | 24 | | 16.07 | 15.87 | 15.85 |
| 5 | 12 | 0 | | 16.00 | 15.99 | 15.97 |
| 5 | 12 | 6 | | 15.94 | 15.95 | 15.92 |
| 5 | 12 | 11 | | 15.93 | 15.94 | 15.89 |
| 5 | 25 | 0 | | 15.91 | 15.97 | 15.97 |
| 10 | 1 | 0 | QPSK | 15.92 | 15.99 | 16.03 |
| 10 | 1 | 24 | | 16.24 | 16.49 | 16.17 |
| 10 | 1 | 49 | | 16.03 | 16.21 | 15.91 |
| 10 | 25 | 0 | | 16.07 | 16.10 | 16.08 |
| 10 | 25 | 12 | | 16.01 | 16.05 | 16.01 |
| 10 | 25 | 24 | | 16.05 | 16.10 | 16.02 |
| 10 | 50 | 0 | | 16.06 | 16.04 | 16.08 |
| 10 | 1 | 0 | 16-QAM | 16.55 | 16.65 | 16.58 |
| 10 | 1 | 24 | | 16.51 | 16.52 | 16.56 |
| 10 | 1 | 49 | | 16.40 | 16.32 | 16.14 |
| 10 | 25 | 0 | | 16.38 | 16.18 | 16.11 |
| 10 | 25 | 12 | | 16.45 | 16.21 | 16.00 |
| 10 | 25 | 24 | | 15.95 | 16.37 | 15.88 |
| 10 | 50 | 0 | | 16.00 | 16.00 | 15.95 |

| LTE Band 2 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 15 | 1 | 0 | QPSK | 16.17 | 16.17 | 16.48 |
| 15 | 1 | 37 | | 16.05 | 16.08 | 16.32 |
| 15 | 1 | 74 | | 15.80 | 16.13 | 16.01 |
| 15 | 36 | 0 | | 16.08 | 16.08 | 16.10 |
| 15 | 36 | 18 | | 15.96 | 16.11 | 16.13 |
| 15 | 36 | 37 | | 15.94 | 16.06 | 16.03 |
| 15 | 75 | 0 | | 15.98 | 16.10 | 16.04 |
| 15 | 1 | 0 | 16-QAM | 16.53 | 16.12 | 15.93 |
| 15 | 1 | 37 | | 16.46 | 16.07 | 15.83 |
| 15 | 1 | 74 | | 16.39 | 16.16 | 16.05 |
| 15 | 36 | 0 | | 16.03 | 15.87 | 16.11 |
| 15 | 36 | 18 | | 15.86 | 15.81 | 16.06 |
| 15 | 36 | 37 | | 15.85 | 15.83 | 16.09 |
| 15 | 75 | 0 | | 16.03 | 16.07 | 15.84 |
| 20 | 1 | 0 | QPSK | 16.50 | 16.56 | 16.45 |
| 20 | 1 | 49 | | 16.49 | 16.46 | 16.43 |
| 20 | 1 | 99 | | 16.15 | 16.21 | 16.04 |
| 20 | 50 | 0 | | 16.15 | 16.22 | 16.17 |
| 20 | 50 | 24 | | 16.00 | 16.07 | 16.06 |
| 20 | 50 | 49 | | 15.87 | 16.08 | 16.00 |
| 20 | 100 | 0 | | 16.07 | 16.14 | 16.12 |
| 20 | 1 | 0 | 16-QAM | 16.55 | 16.34 | 16.41 |
| 20 | 1 | 49 | | 16.48 | 15.95 | 16.06 |
| 20 | 1 | 99 | | 16.49 | 16.00 | 16.03 |
| 20 | 50 | 0 | | 16.17 | 16.08 | 15.98 |
| 20 | 50 | 24 | | 16.11 | 15.97 | 16.07 |
| 20 | 50 | 49 | | 15.94 | 15.93 | 16.07 |
| 20 | 100 | 0 | | 16.10 | 16.03 | 16.03 |

| LTE Band 4 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 17.59 | 17.20 | 17.38 |
| 1.4 | 1 | 2 | | 17.26 | 17.30 | 17.37 |
| 1.4 | 1 | 5 | | 17.13 | 17.32 | 17.31 |
| 1.4 | 3 | 0 | | 17.23 | 17.24 | 17.28 |
| 1.4 | 3 | 1 | | 17.27 | 17.32 | 17.33 |
| 1.4 | 3 | 2 | | 17.24 | 17.27 | 17.35 |
| 1.4 | 6 | 0 | | 17.22 | 17.43 | 17.30 |
| 1.4 | 1 | 0 | 16-QAM | 17.48 | 17.21 | 17.48 |
| 1.4 | 1 | 2 | | 17.46 | 17.17 | 17.32 |
| 1.4 | 1 | 5 | | 17.42 | 17.28 | 17.29 |
| 1.4 | 3 | 0 | | 17.56 | 17.30 | 17.19 |
| 1.4 | 3 | 1 | | 17.58 | 17.21 | 17.20 |
| 1.4 | 3 | 2 | | 17.57 | 17.20 | 17.18 |
| 1.4 | 6 | 0 | | 17.10 | 17.28 | 17.24 |
| 3 | 1 | 0 | QPSK | 17.40 | 17.23 | 17.37 |
| 3 | 1 | 7 | | 17.60 | 17.39 | 17.21 |
| 3 | 1 | 14 | | 17.13 | 17.44 | 17.15 |
| 3 | 8 | 0 | | 17.29 | 17.18 | 17.40 |
| 3 | 8 | 4 | | 17.21 | 17.27 | 17.32 |
| 3 | 8 | 7 | | 17.57 | 17.32 | 17.27 |
| 3 | 15 | 0 | | 17.52 | 17.35 | 17.25 |
| 3 | 1 | 0 | 16-QAM | 17.46 | 17.48 | 17.53 |
| 3 | 1 | 7 | | 17.54 | 17.42 | 17.51 |
| 3 | 1 | 14 | | 17.46 | 17.36 | 17.46 |
| 3 | 8 | 0 | | 17.53 | 17.57 | 17.38 |
| 3 | 8 | 4 | | 17.48 | 17.54 | 17.41 |
| 3 | 8 | 7 | | 17.47 | 17.50 | 17.52 |
| 3 | 15 | 0 | | 17.42 | 17.42 | 17.51 |

| LTE Band 4 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 17.36 | 17.27 | 17.06 |
| 5 | 1 | 12 | | 17.47 | 17.25 | 17.31 |
| 5 | 1 | 24 | | 17.02 | 17.05 | 17.22 |
| 5 | 12 | 0 | | 17.50 | 17.31 | 17.35 |
| 5 | 12 | 6 | | 17.42 | 17.34 | 17.28 |
| 5 | 12 | 11 | | 17.49 | 17.31 | 17.25 |
| 5 | 25 | 0 | | 17.26 | 17.45 | 17.34 |
| 5 | 1 | 0 | 16-QAM | 17.65 | 17.18 | 17.55 |
| 5 | 1 | 12 | | 17.55 | 17.11 | 17.52 |
| 5 | 1 | 24 | | 17.48 | 17.20 | 17.48 |
| 5 | 12 | 0 | | 17.45 | 17.45 | 17.32 |
| 5 | 12 | 6 | | 17.36 | 17.48 | 17.28 |
| 5 | 12 | 11 | | 17.34 | 17.42 | 17.23 |
| 5 | 25 | 0 | | 17.48 | 17.27 | 17.24 |
| 10 | 1 | 0 | QPSK | 17.66 | 17.50 | 17.42 |
| 10 | 1 | 24 | | 17.53 | 17.63 | 17.33 |
| 10 | 1 | 49 | | 17.52 | 17.22 | 17.23 |
| 10 | 25 | 0 | | 17.61 | 17.38 | 17.50 |
| 10 | 25 | 12 | | 17.45 | 17.32 | 17.40 |
| 10 | 25 | 24 | | 17.39 | 17.26 | 17.25 |
| 10 | 50 | 0 | | 17.46 | 17.34 | 17.41 |
| 10 | 1 | 0 | 16-QAM | 17.53 | 17.68 | 17.52 |
| 10 | 1 | 24 | | 17.48 | 17.45 | 17.45 |
| 10 | 1 | 49 | | 17.49 | 17.48 | 17.38 |
| 10 | 25 | 0 | | 17.49 | 17.34 | 17.58 |
| 10 | 25 | 12 | | 17.40 | 17.12 | 17.39 |
| 10 | 25 | 24 | | 17.30 | 17.23 | 17.57 |
| 10 | 50 | 0 | | 17.37 | 17.23 | 17.56 |

| LTE Band 4 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 15 | 1 | 0 | QPSK | 17.28 | 17.54 | 17.48 |
| 15 | 1 | 37 | | 17.40 | 17.30 | 17.30 |
| 15 | 1 | 74 | | 17.19 | 17.49 | 17.25 |
| 15 | 36 | 0 | | 17.55 | 17.38 | 17.50 |
| 15 | 36 | 18 | | 17.39 | 17.32 | 17.41 |
| 15 | 36 | 37 | | 17.35 | 17.29 | 17.32 |
| 15 | 75 | 0 | | 17.37 | 17.33 | 17.49 |
| 15 | 1 | 0 | 16-QAM | 17.52 | 17.53 | 17.49 |
| 15 | 1 | 37 | | 17.48 | 17.41 | 17.41 |
| 15 | 1 | 74 | | 17.32 | 17.34 | 17.35 |
| 15 | 36 | 0 | | 17.41 | 17.42 | 17.38 |
| 15 | 36 | 18 | | 17.24 | 17.34 | 17.50 |
| 15 | 36 | 37 | | 17.13 | 17.36 | 17.47 |
| 15 | 75 | 0 | | 17.45 | 17.30 | 17.36 |
| 20 | 1 | 0 | QPSK | 17.55 | 17.66 | 17.55 |
| 20 | 1 | 49 | | 17.54 | 17.54 | 17.49 |
| 20 | 1 | 99 | | 17.29 | 17.44 | 17.16 |
| 20 | 50 | 0 | | 17.50 | 17.57 | 17.50 |
| 20 | 50 | 24 | | 17.48 | 17.36 | 17.47 |
| 20 | 50 | 49 | | 17.29 | 17.33 | 17.46 |
| 20 | 100 | 0 | | 17.40 | 17.44 | 17.39 |
| 20 | 1 | 0 | 16-QAM | 17.52 | 17.58 | 17.54 |
| 20 | 1 | 49 | | 17.42 | 17.55 | 17.46 |
| 20 | 1 | 99 | | 17.38 | 17.46 | 17.38 |
| 20 | 50 | 0 | | 17.51 | 17.39 | 17.52 |
| 20 | 50 | 24 | | 17.45 | 17.36 | 17.44 |
| 20 | 50 | 49 | | 17.32 | 17.34 | 17.39 |
| 20 | 100 | 0 | | 17.47 | 17.30 | 17.32 |

| LTE Band 5 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 1.4 | 1 | 0 | QPSK | 22.03 | 21.87 | 21.97 |
| 1.4 | 1 | 2 | | 22.15 | 21.88 | 22.09 |
| 1.4 | 1 | 5 | | 22.00 | 21.85 | 21.93 |
| 1.4 | 3 | 0 | | 22.2 | 21.84 | 22.11 |
| 1.4 | 3 | 1 | | 22.21 | 21.96 | 22.29 |
| 1.4 | 3 | 2 | | 22.14 | 21.94 | 22.17 |
| 1.4 | 6 | 0 | | 22.06 | 21.85 | 22.15 |
| 1.4 | 1 | 0 | 16-QAM | 22.04 | 22.19 | 22.18 |
| 1.4 | 1 | 2 | | 22.21 | 22.14 | 22.10 |
| 1.4 | 1 | 5 | | 22.12 | 22.11 | 22.12 |
| 1.4 | 3 | 0 | | 22.08 | 22.17 | 22.10 |
| 1.4 | 3 | 1 | | 22.17 | 21.88 | 22.02 |
| 1.4 | 3 | 2 | | 22.09 | 22.02 | 22.03 |
| 1.4 | 6 | 0 | | 21.41 | 21.68 | 21.55 |
| 3 | 1 | 0 | QPSK | 22.25 | 22.08 | 21.90 |
| 3 | 1 | 7 | | 22.15 | 22.23 | 22.26 |
| 3 | 1 | 14 | | 21.84 | 21.95 | 22.18 |
| 3 | 8 | 0 | | 22.21 | 21.96 | 22.02 |
| 3 | 8 | 4 | | 22.05 | 22.03 | 22.03 |
| 3 | 8 | 7 | | 22.03 | 22.07 | 22.08 |
| 3 | 15 | 0 | | 22.05 | 21.95 | 21.96 |
| 3 | 1 | 0 | 16-QAM | 22.13 | 22.01 | 22.21 |
| 3 | 1 | 7 | | 22.21 | 21.61 | 22.23 |
| 3 | 1 | 14 | | 22.08 | 21.95 | 21.58 |
| 3 | 8 | 0 | | 21.7 | 21.78 | 21.74 |
| 3 | 8 | 4 | | 21.53 | 21.83 | 21.61 |
| 3 | 8 | 7 | | 21.57 | 21.80 | 21.54 |
| 3 | 15 | 0 | | 21.74 | 21.39 | 21.74 |

| LTE Band 5 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 22.19 | 21.85 | 22.26 |
| 5 | 1 | 12 | | 22.14 | 21.84 | 22.14 |
| 5 | 1 | 24 | | 21.85 | 21.75 | 22.17 |
| 5 | 12 | 0 | | 22.02 | 21.92 | 21.99 |
| 5 | 12 | 6 | | 21.98 | 21.96 | 21.97 |
| 5 | 12 | 11 | | 21.99 | 21.97 | 21.9 |
| 5 | 25 | 0 | | 22.04 | 21.90 | 21.97 |
| 5 | 1 | 0 | 16-QAM | 21.97 | 22.15 | 21.81 |
| 5 | 1 | 12 | | 21.95 | 22.25 | 21.87 |
| 5 | 1 | 24 | | 21.9 | 22.19 | 22.21 |
| 5 | 12 | 0 | | 21.51 | 21.31 | 21.42 |
| 5 | 12 | 6 | | 21.51 | 21.40 | 21.37 |
| 5 | 12 | 11 | | 21.61 | 21.31 | 21.34 |
| 5 | 25 | 0 | | 21.58 | 21.49 | 21.67 |
| 10 | 1 | 0 | QPSK | 22.35 | 22.39 | 22.42 |
| 10 | 1 | 24 | | 22.32 | 22.19 | 22.24 |
| 10 | 1 | 49 | | 22.29 | 22.08 | 21.99 |
| 10 | 25 | 0 | | 22.08 | 22.00 | 22.10 |
| 10 | 25 | 12 | | 22.02 | 21.99 | 21.98 |
| 10 | 25 | 24 | | 21.88 | 21.92 | 21.93 |
| 10 | 50 | 0 | | 22.01 | 22.02 | 21.97 |
| 10 | 1 | 0 | 16-QAM | 22.25 | 22.03 | 22.29 |
| 10 | 1 | 24 | | 22.10 | 22.01 | 22.33 |
| 10 | 1 | 49 | | 22.07 | 21.73 | 22.30 |
| 10 | 25 | 0 | | 21.58 | 21.43 | 21.78 |
| 10 | 25 | 12 | | 21.66 | 21.62 | 21.79 |
| 10 | 25 | 24 | | 21.45 | 21.75 | 21.53 |
| 10 | 50 | 0 | | 21.56 | 21.48 | 21.28 |

| LTE Band 7 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 5 | 1 | 0 | QPSK | 17.67 | 17.72 | 17.67 |
| 5 | 1 | 12 | | 18.12 | 17.91 | 17.75 |
| 5 | 1 | 24 | | 17.48 | 17.96 | 17.57 |
| 5 | 12 | 0 | | 17.85 | 17.91 | 17.86 |
| 5 | 12 | 6 | | 17.86 | 17.87 | 17.94 |
| 5 | 12 | 11 | | 17.82 | 17.82 | 17.83 |
| 5 | 25 | 0 | | 17.83 | 17.89 | 17.80 |
| 5 | 1 | 0 | 16-QAM | 18.38 | 18.04 | 18.26 |
| 5 | 1 | 12 | | 17.44 | 18.43 | 18.29 |
| 5 | 1 | 24 | | 17.46 | 17.86 | 18.30 |
| 5 | 12 | 0 | | 17.74 | 17.88 | 17.88 |
| 5 | 12 | 6 | | 17.81 | 17.81 | 17.89 |
| 5 | 12 | 11 | | 17.77 | 17.88 | 17.76 |
| 5 | 25 | 0 | | 17.85 | 17.96 | 18.21 |
| 10 | 1 | 0 | QPSK | 17.96 | 17.85 | 17.94 |
| 10 | 1 | 24 | | 18.13 | 18.05 | 18.18 |
| 10 | 1 | 49 | | 17.97 | 17.89 | 17.71 |
| 10 | 25 | 0 | | 17.90 | 17.91 | 17.91 |
| 10 | 25 | 12 | | 17.84 | 17.95 | 17.87 |
| 10 | 25 | 24 | | 17.83 | 17.96 | 17.83 |
| 10 | 50 | 0 | | 17.81 | 17.87 | 17.91 |
| 10 | 1 | 0 | 16-QAM | 18.13 | 17.49 | 17.99 |
| 10 | 1 | 24 | | 17.98 | 17.56 | 18.31 |
| 10 | 1 | 49 | | 17.78 | 17.57 | 18.37 |
| 10 | 25 | 0 | | 18.06 | 17.98 | 17.84 |
| 10 | 25 | 12 | | 17.75 | 17.91 | 17.83 |
| 10 | 25 | 24 | | 17.71 | 17.82 | 18.19 |
| 10 | 50 | 0 | | 17.86 | 17.85 | 17.85 |

| LTE Band 7 Maximum Average Power [dBm] | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest |
| 15 | 1 | 0 | QPSK | 18.09 | 17.90 | 17.94 |
| 15 | 1 | 37 | | 18.14 | 17.71 | 17.82 |
| 15 | 1 | 74 | | 17.93 | 17.72 | 17.87 |
| 15 | 36 | 0 | | 17.92 | 17.97 | 17.89 |
| 15 | 36 | 18 | | 17.88 | 17.85 | 17.83 |
| 15 | 36 | 37 | | 17.73 | 17.80 | 17.83 |
| 15 | 75 | 0 | | 17.90 | 17.94 | 17.81 |
| 15 | 1 | 0 | 16-QAM | 18.24 | 18.11 | 18.04 |
| 15 | 1 | 37 | | 18.27 | 18.46 | 17.77 |
| 15 | 1 | 74 | | 18.34 | 18.28 | 17.95 |
| 15 | 36 | 0 | | 17.94 | 18.05 | 17.90 |
| 15 | 36 | 18 | | 17.95 | 17.97 | 17.79 |
| 15 | 36 | 37 | | 17.87 | 17.87 | 17.79 |
| 15 | 75 | 0 | | 17.91 | 17.92 | 17.80 |
| 20 | 1 | 0 | QPSK | 18.25 | 18.27 | 18.05 |
| 20 | 1 | 49 | | 18.12 | 18.01 | 17.94 |
| 20 | 1 | 99 | | 18.08 | 17.84 | 17.77 |
| 20 | 50 | 0 | | 18.02 | 18.05 | 18.00 |
| 20 | 50 | 24 | | 17.91 | 17.87 | 17.91 |
| 20 | 50 | 49 | | 17.80 | 17.83 | 17.94 |
| 20 | 100 | 0 | | 17.84 | 17.99 | 17.94 |
| 20 | 1 | 0 | 16-QAM | 18.45 | 18.30 | 18.15 |
| 20 | 1 | 49 | | 18.40 | 18.12 | 17.88 |
| 20 | 1 | 99 | | 18.43 | 18.29 | 17.77 |
| 20 | 50 | 0 | | 17.81 | 17.89 | 17.91 |
| 20 | 50 | 24 | | 17.89 | 17.88 | 17.78 |
| 20 | 50 | 49 | | 17.73 | 17.83 | 17.85 |
| 20 | 100 | 0 | | 17.88 | 18.01 | 17.87 |

# Peak-to-Average Ratio

| Mode | LTE Band 2 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.39 | 4.78 | 4.64 | 5.88 | PASS |
| Middle CH | 3.77 | 4.55 | 4.96 | 5.48 | |
| Highest CH | 3.33 | 4.93 | 4.46 | 5.88 | |

| Mode | LTE Band 4 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | RB Size | Result |
| Lowest CH | 3.94 | 5.04 | 4.41 | 6.03 | PASS |
| Middle CH | 4.52 | 5.13 | 5.42 | 6.12 | |
| Highest CH | 4.70 | 4.64 | 5.62 | 5.80 | |

| Mode | LTE Band 5 / 10MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | RB Size | Result |
| Lowest CH | 4.87 | 5.33 | 5.30 | 6.26 | PASS |
| Middle CH | 4.84 | 5.48 | 5.91 | 6.35 | |
| Highest CH | 4.90 | 5.39 | 6.09 | 6.38 | |

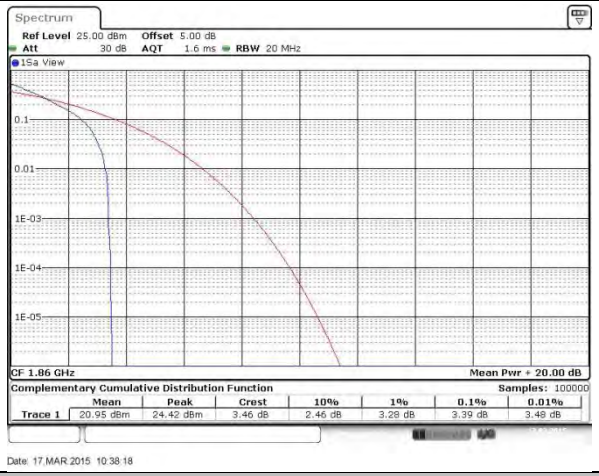
| Mode | LTE Band 7 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | RB Size | Result |
| Lowest CH | 2.81 | 4.17 | 3.59 | 5.07 | PASS |
| Middle CH | 2.87 | 4.03 | 3.77 | 5.07 | |
| Highest CH | 3.19 | 3.68 | 4.23 | 4.58 | |

| Mode | LTE Band 12 / 10MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | RB Size | Result |
| Lowest CH | 3.80 | 4.81 | 4.26 | 5.59 | PASS |
| Middle CH | 4.14 | 4.81 | 4.99 | 5.68 | |
| Highest CH | 4.23 | 4.78 | 5.30 | 5.71 | |

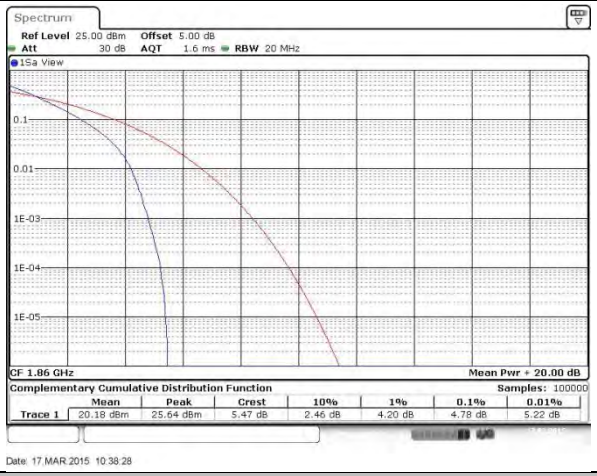
| Mode | LTE Band 17 / 10MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | RB Size | Result |
| Lowest CH | 4.20 | 4.70 | 4.64 | 5.77 | PASS |
| Middle CH | 4.20 | 4.78 | 4.72 | 5.74 | |
| Highest CH | 4.23 | 4.72 | 5.28 | 5.65 | |

## LTE Band 2 / 20MHz / QPSK

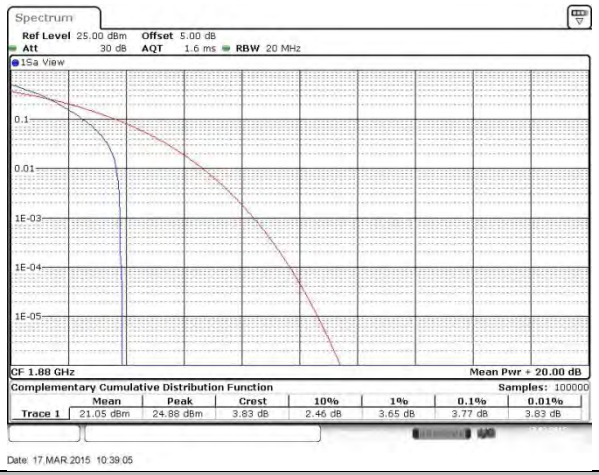
### Lowest Channel / 1RB



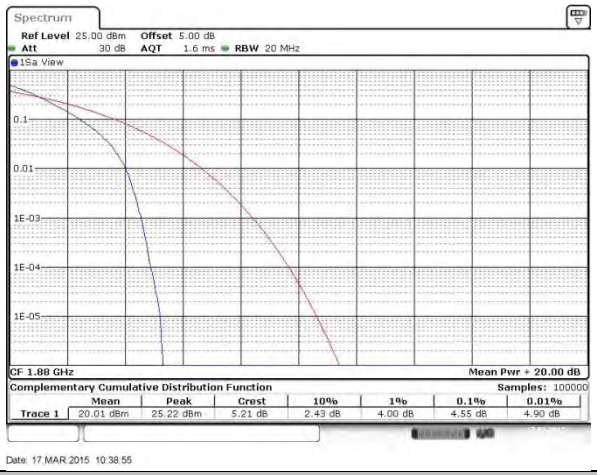

### Lowest Channel / Full RB




### Middle Channel / 1RB

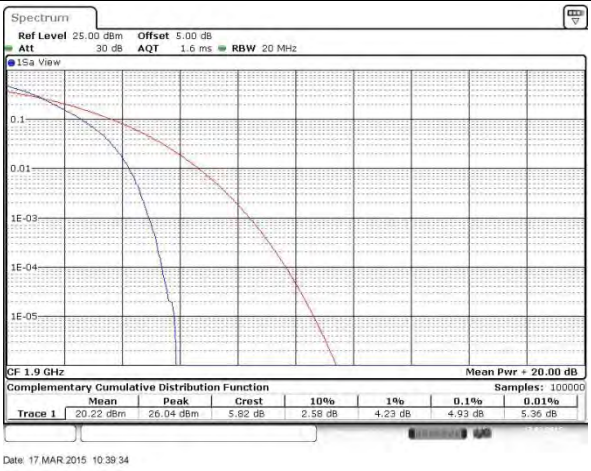



### Middle Channel / Full RB



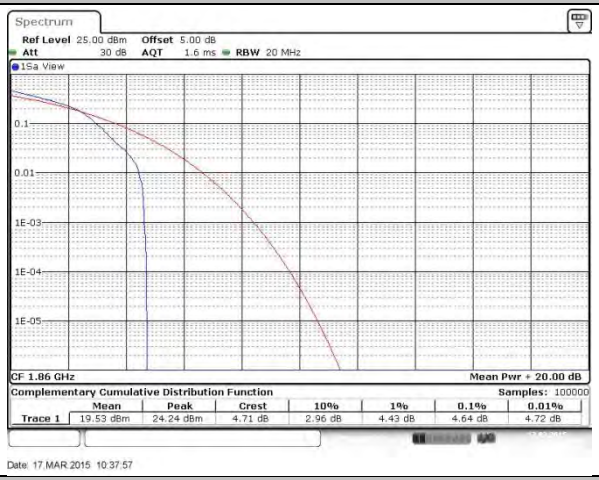

### Highest Channel / 1RB

### Highest Channel / Full RB

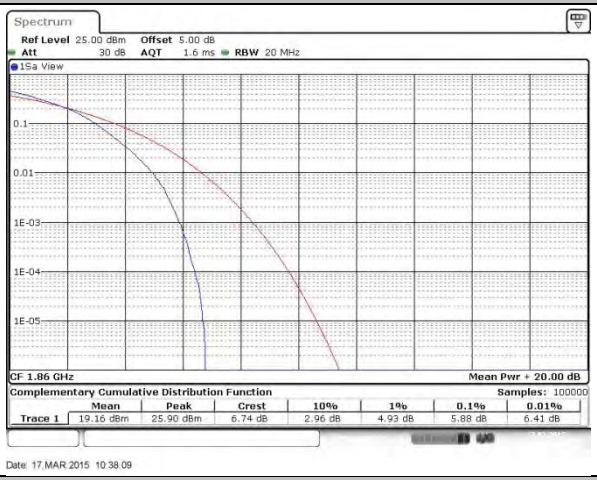


## LTE Band 2 / 20MHz / 16QAM

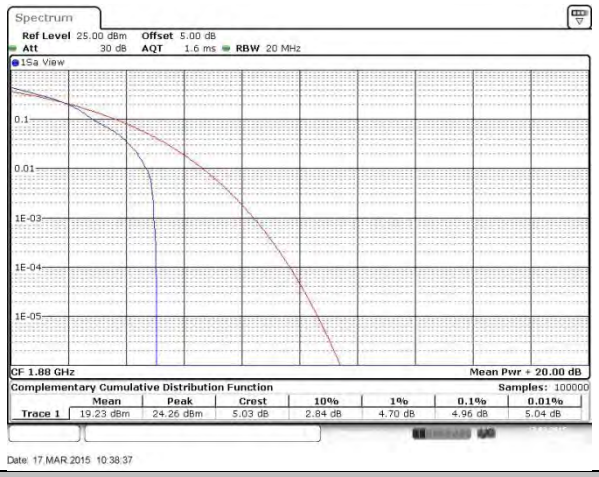
### Lowest Channel / 1RB



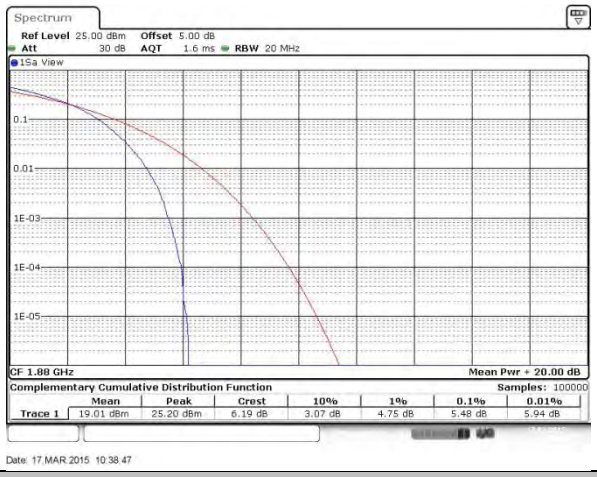

### Lowest Channel / Full RB




### Middle Channel / 1RB

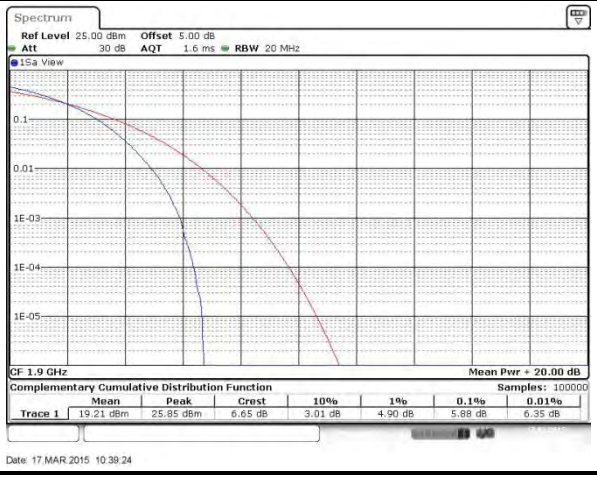



### Middle Channel / Full RB



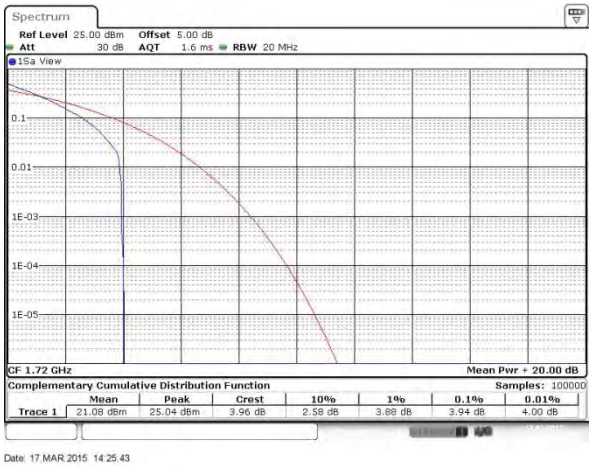

### Highest Channel / 1RB

### Highest Channel / Full RB

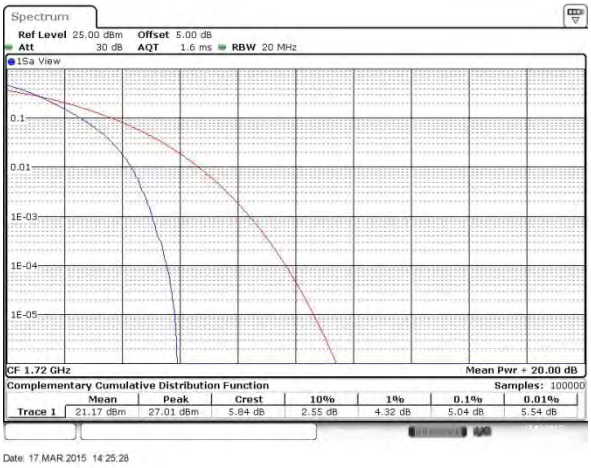


## LTE Band 4 / 20MHz / QPSK

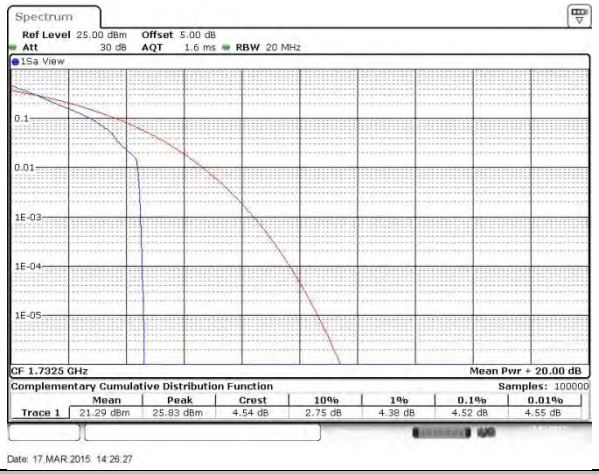
### Lowest Channel / 1RB



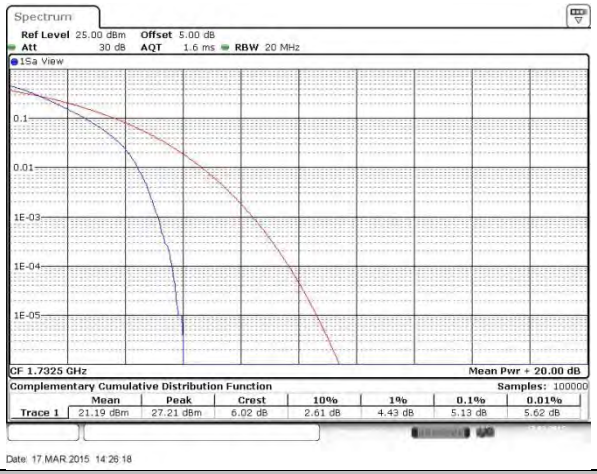

### Lowest Channel / Full RB



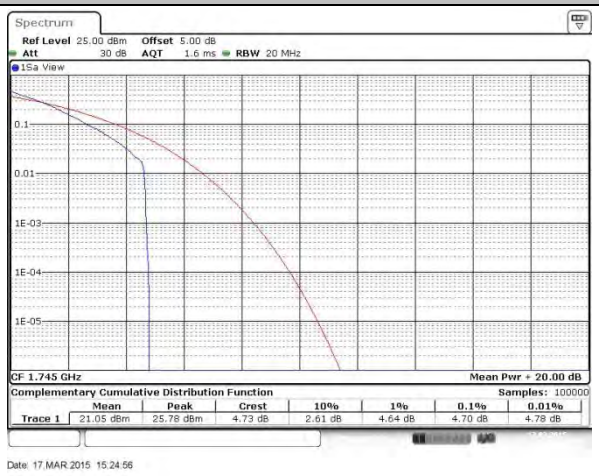

### Middle Channel / 1RB



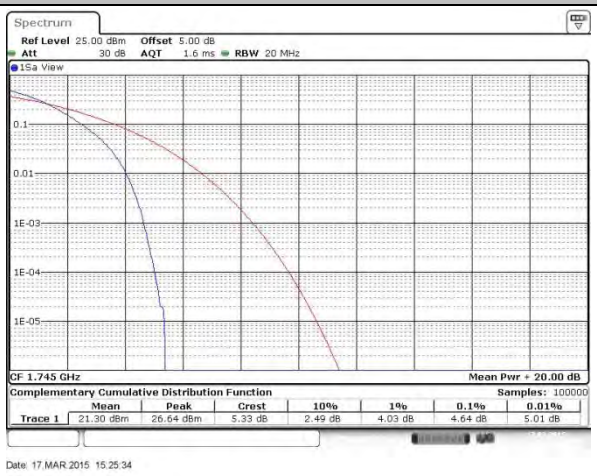

### Middle Channel / Full RB




### Highest Channel / 1RB

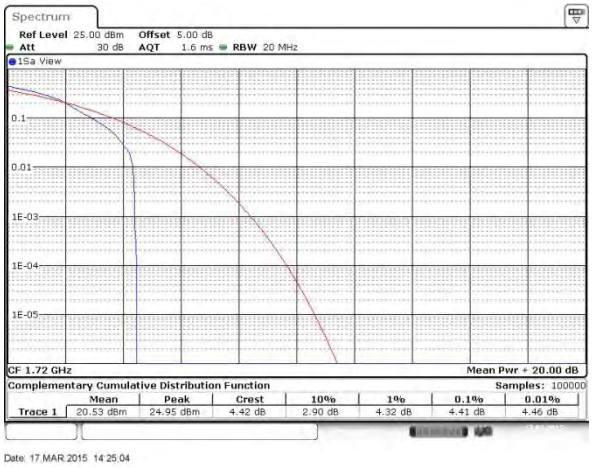



### Highest Channel / Full RB

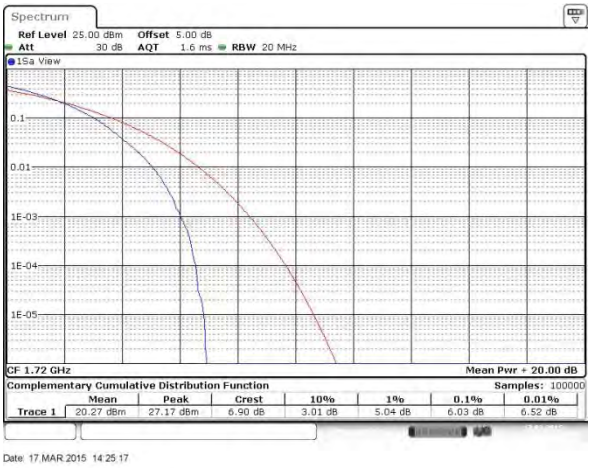


## LTE Band 4 / 20MHz / 16QAM

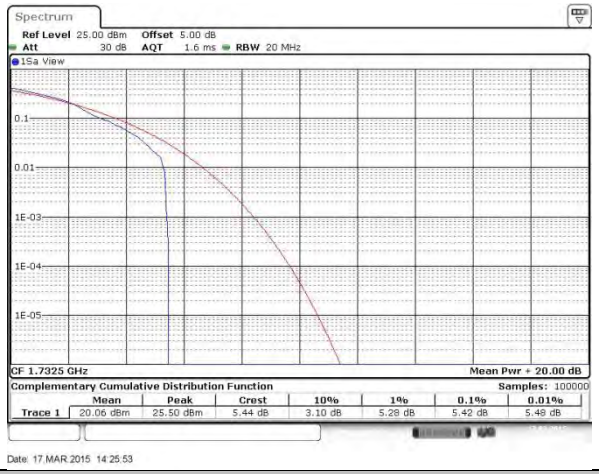
### Lowest Channel / 1RB



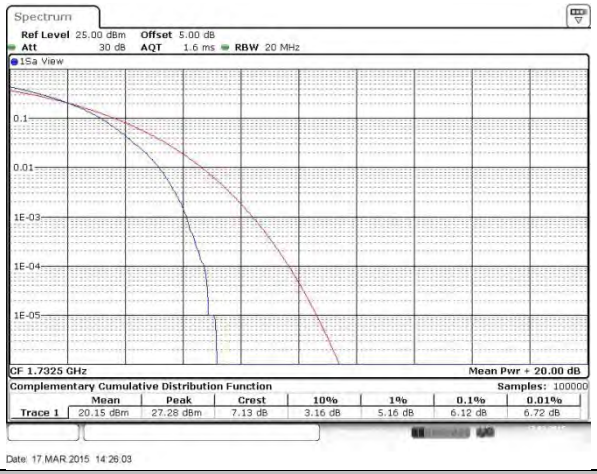

### Lowest Channel / Full RB



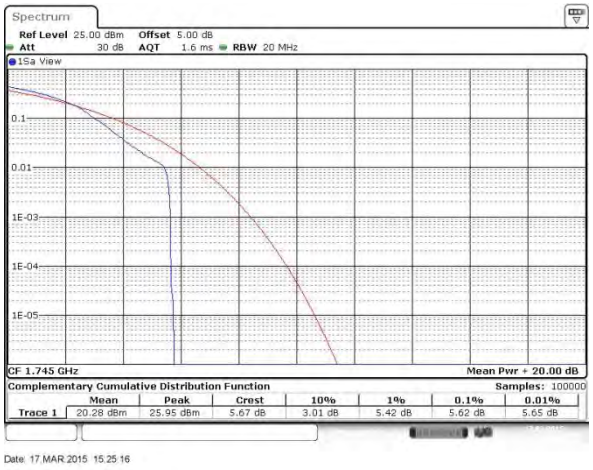

### Middle Channel / 1RB



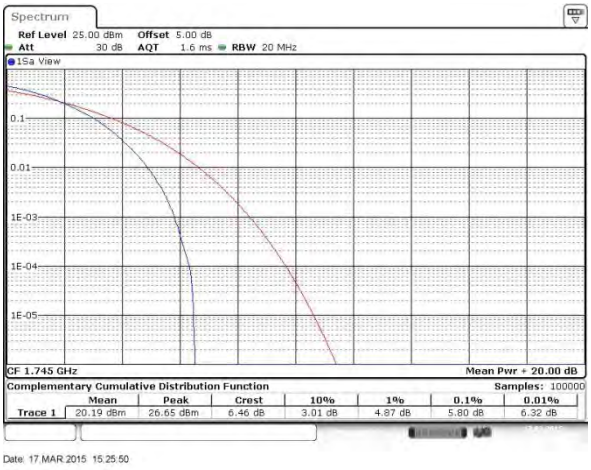

### Middle Channel / Full RB




### Highest Channel / 1RB

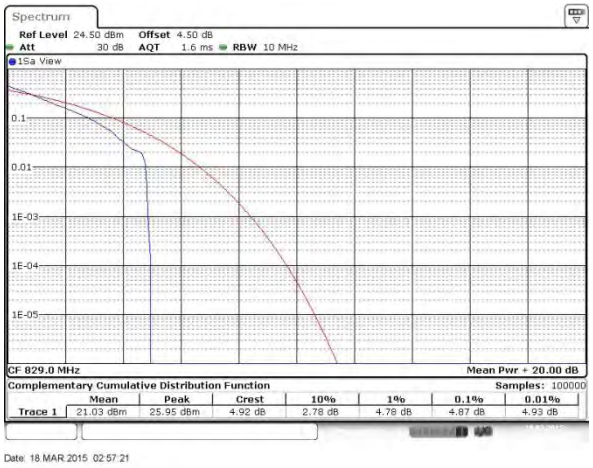



### Highest Channel / Full RB



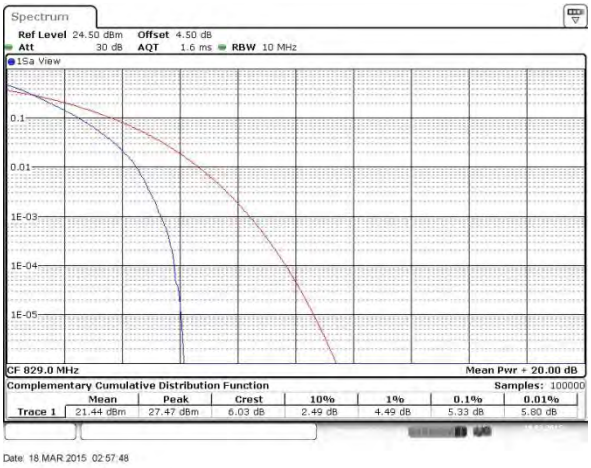
## LTE Band 5 / 10MHz / QPSK

### Lowest Channel / 1RB



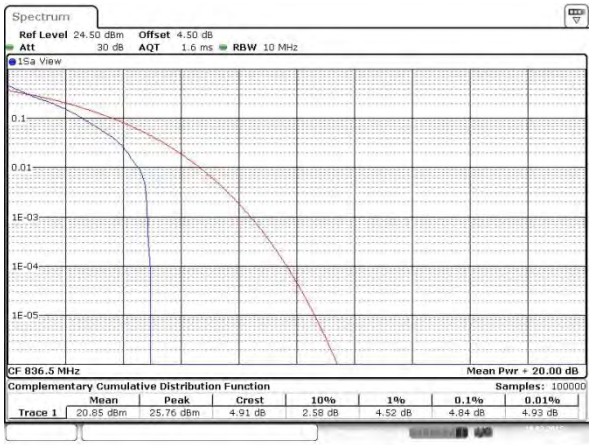

Date: 18.MAR.2015 02:57:21

### Lowest Channel / Full RB



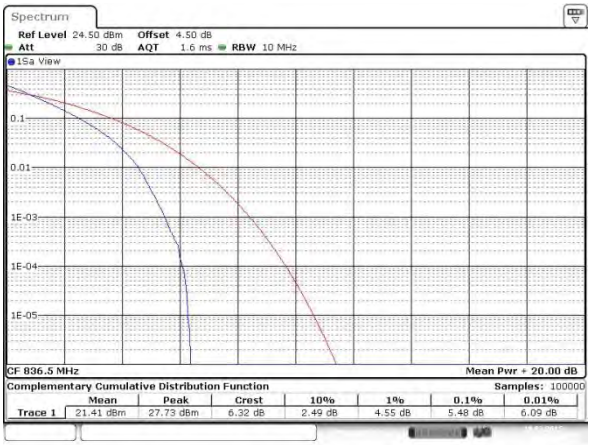

Date: 18.MAR.2015 02:57:48

### Middle Channel / 1RB



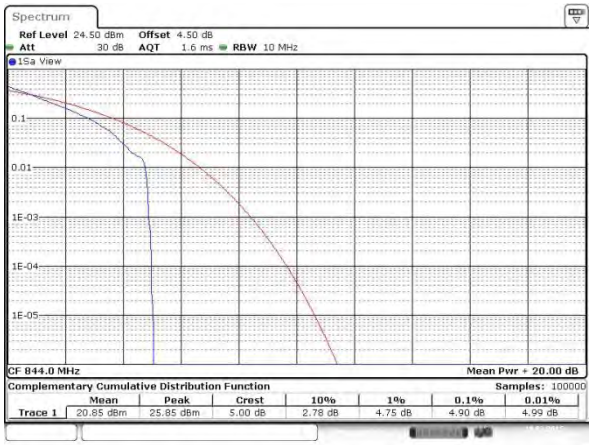

Date: 18.MAR.2015 02:59:30

### Middle Channel / Full RB



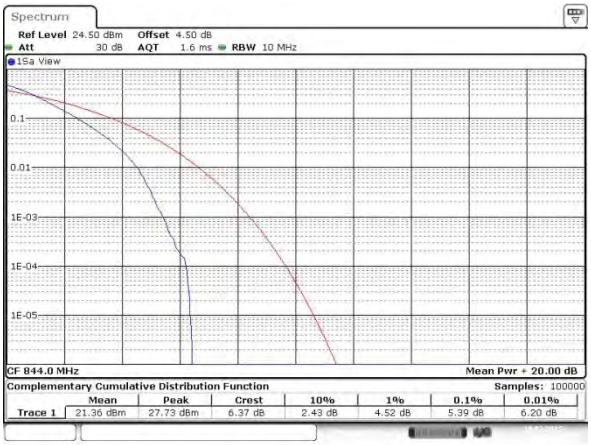

Date: 18.MAR.2015 03:00:08

### Highest Channel / 1RB




Date: 18.MAR.2015 03:01:39

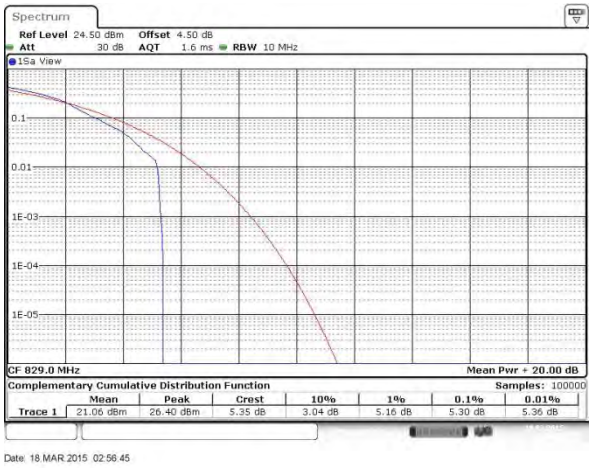
### Highest Channel / Full RB



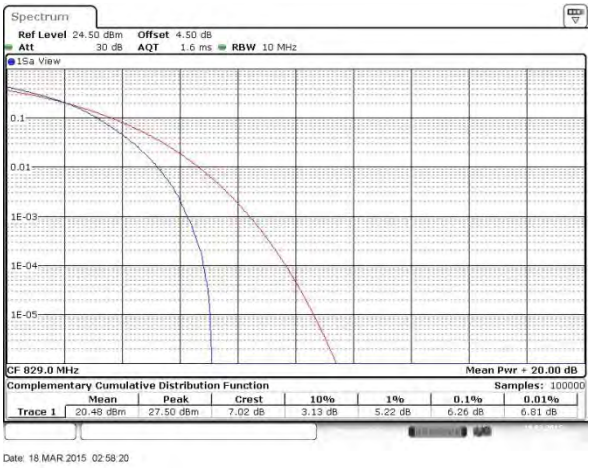

Date: 18.MAR.2015 03:02:33

## LTE Band 5 / 10MHz / 16QAM

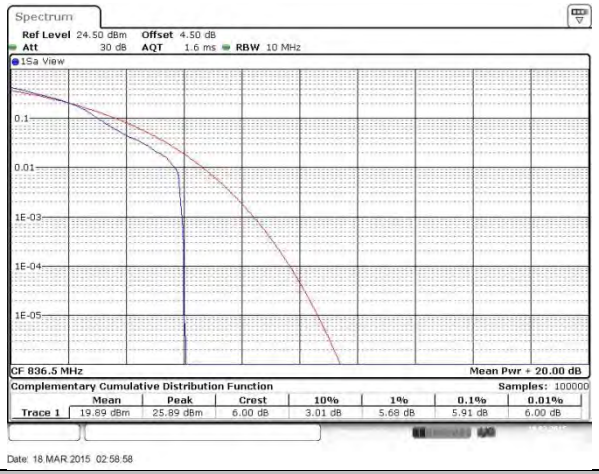
### Lowest Channel / 1RB



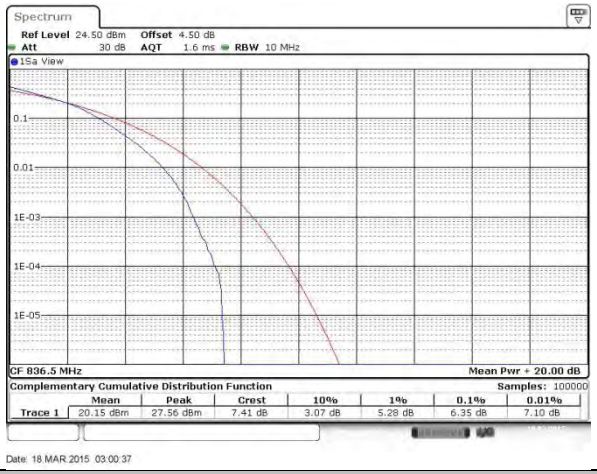

### Lowest Channel / Full RB



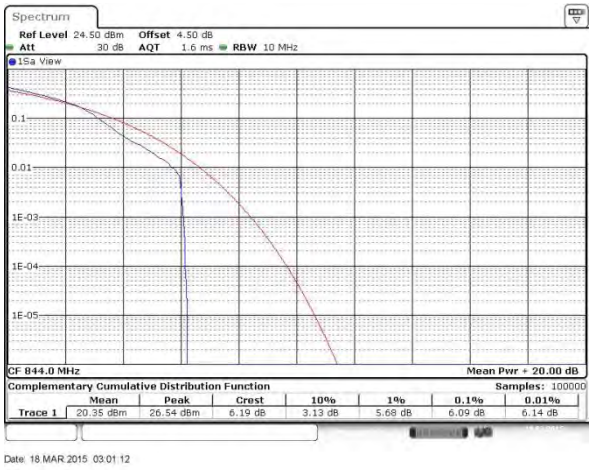

### Middle Channel / 1RB



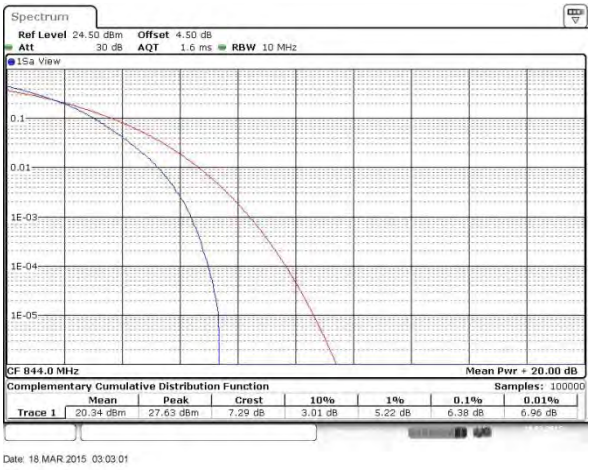

### Middle Channel / Full RB




### Highest Channel / 1RB

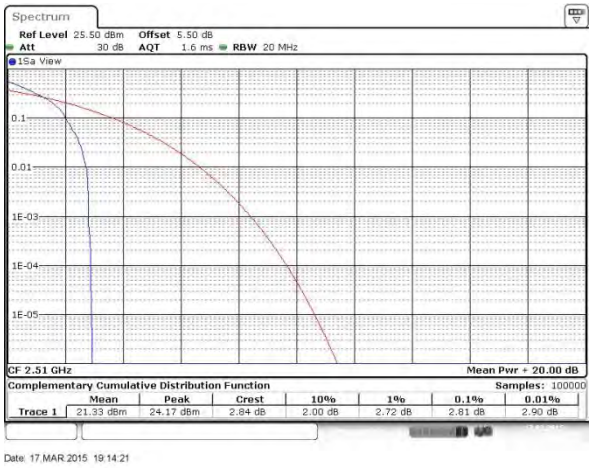



### Highest Channel / Full RB

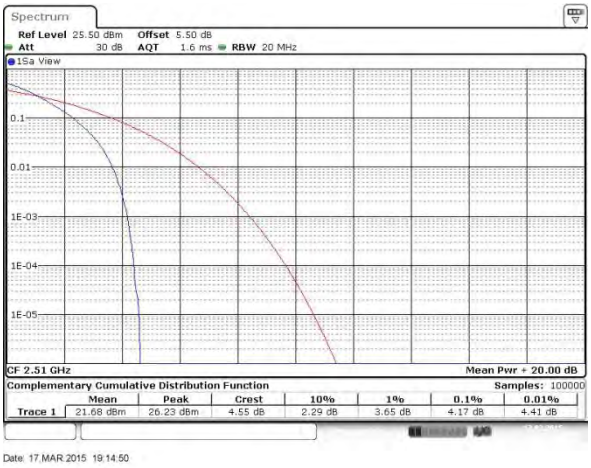


## LTE Band 7 / 20MHz / QPSK

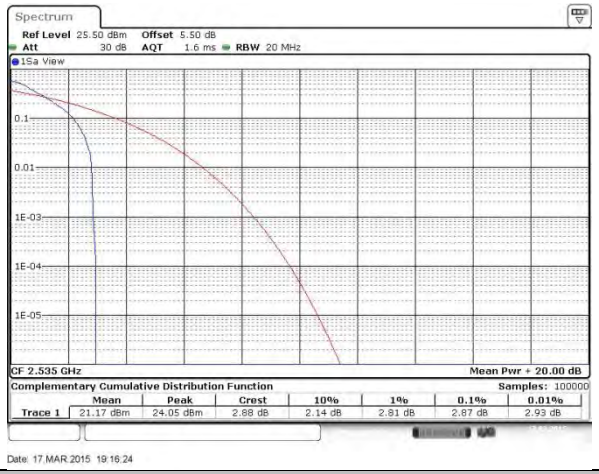
### Lowest Channel / 1RB



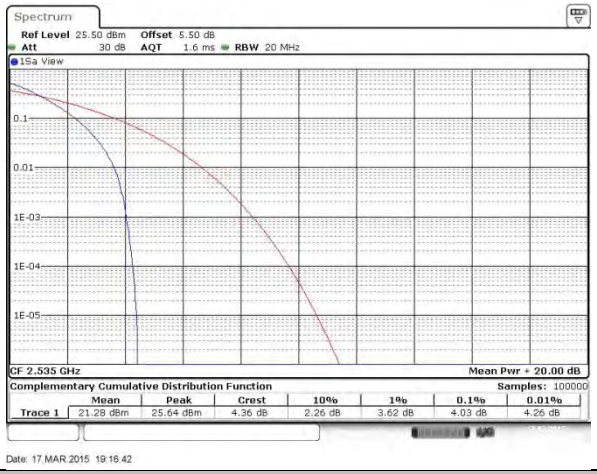

### Lowest Channel / Full RB



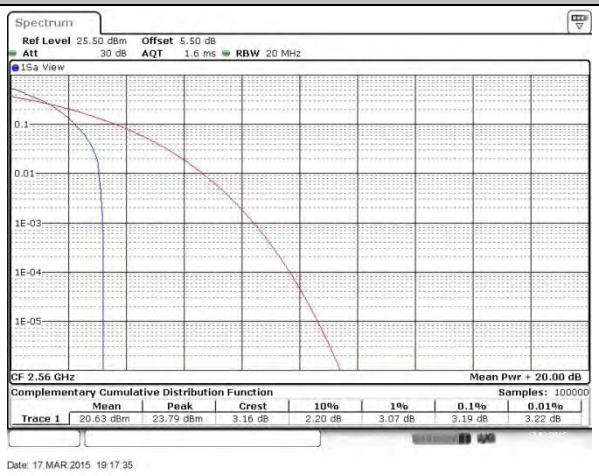

### Middle Channel / 1RB



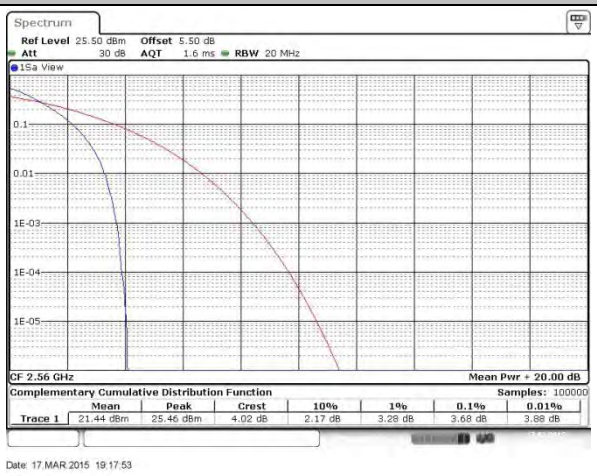

### Middle Channel / Full RB




### Highest Channel / 1RB

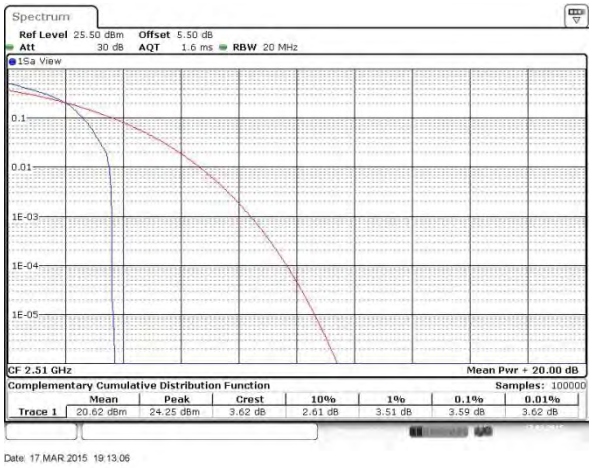



### Highest Channel / Full RB

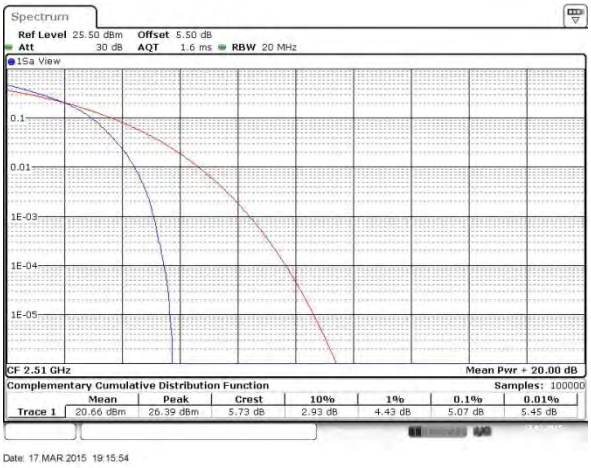


## LTE Band 7 / 20MHz / 16QAM

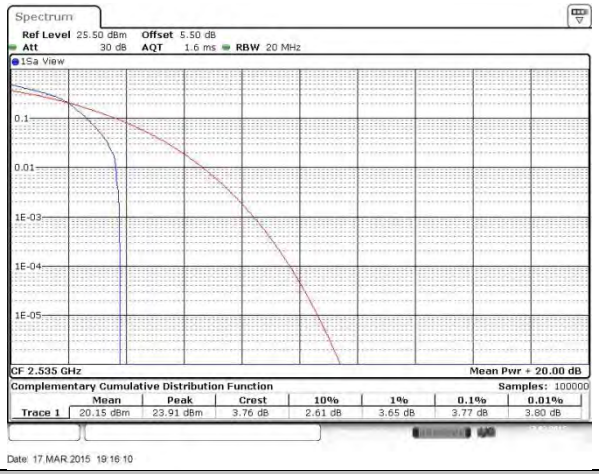
### Lowest Channel / 1RB



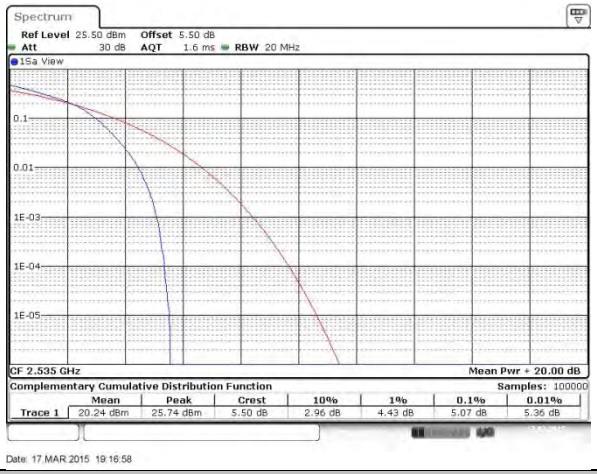

### Lowest Channel / Full RB



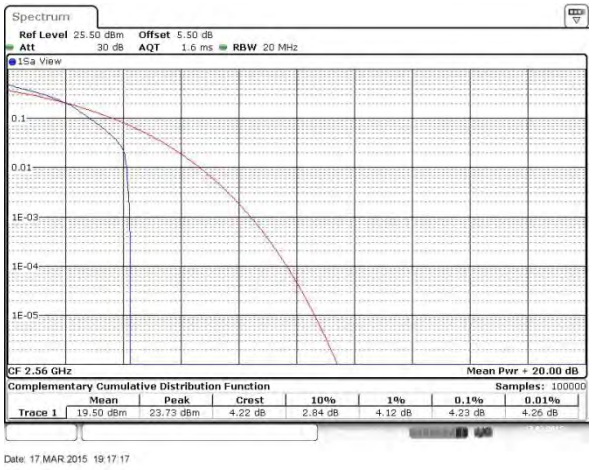

### Middle Channel / 1RB



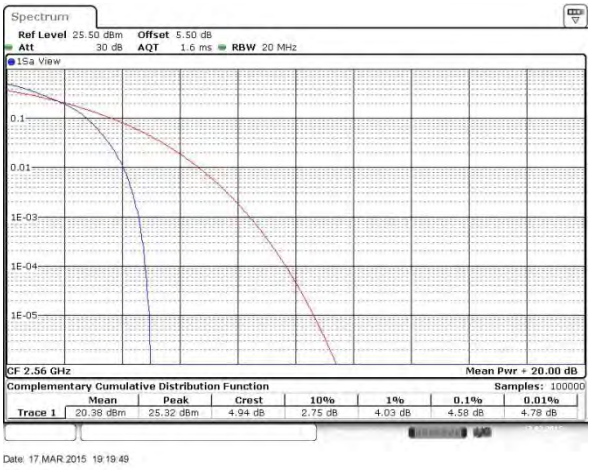

### Middle Channel / Full RB




### Highest Channel / 1RB

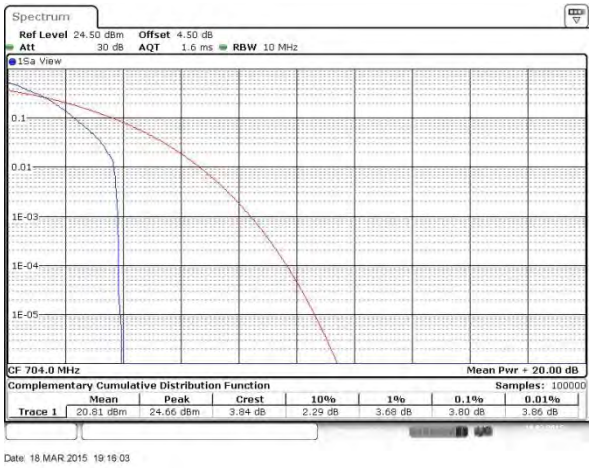



### Highest Channel / Full RB

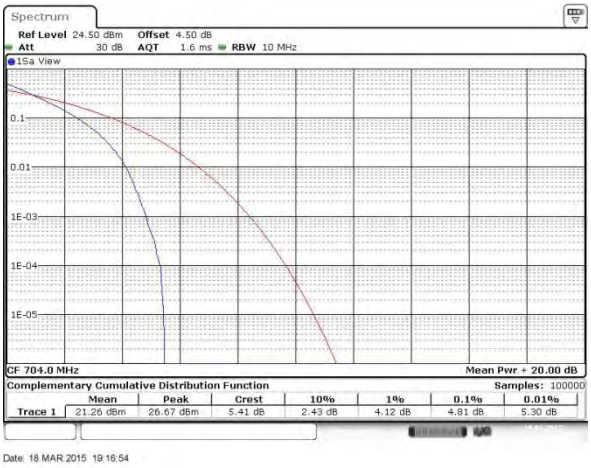


## LTE Band 12 / 10MHz / QPSK

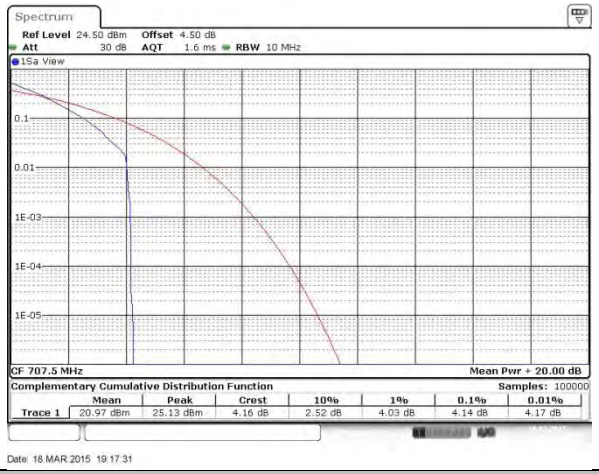
### Lowest Channel / 1RB



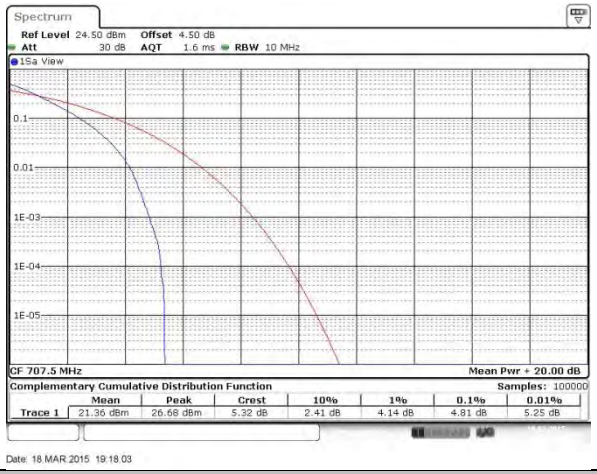

### Lowest Channel / Full RB



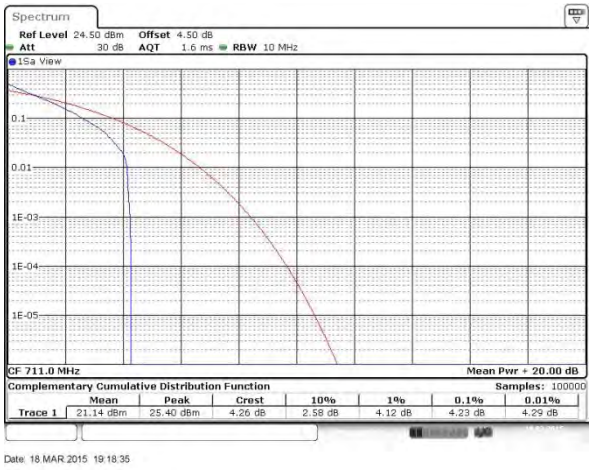

### Middle Channel / 1RB



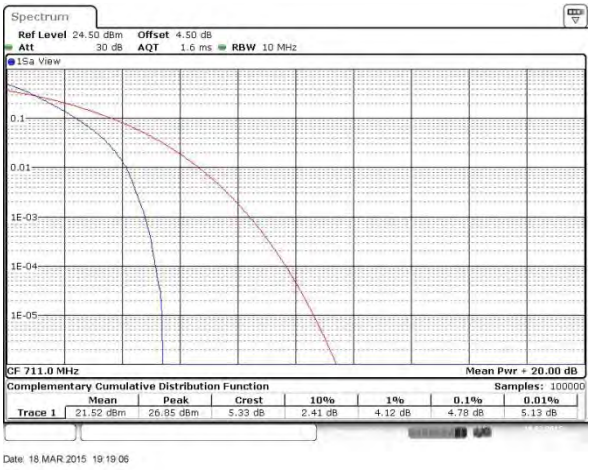

### Middle Channel / Full RB




### Highest Channel / 1RB

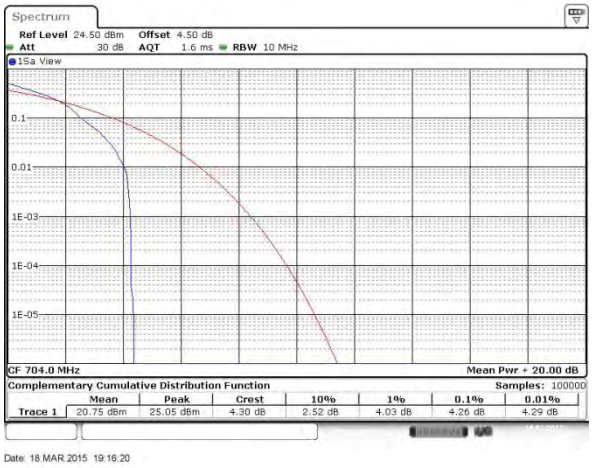



### Highest Channel / Full RB

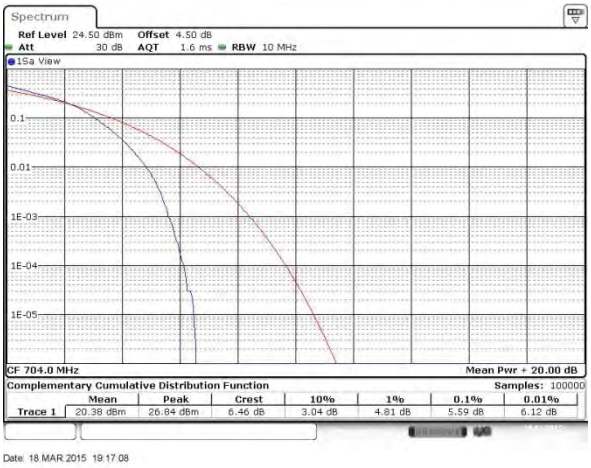


## LTE Band 12 / 10MHz / 16QAM

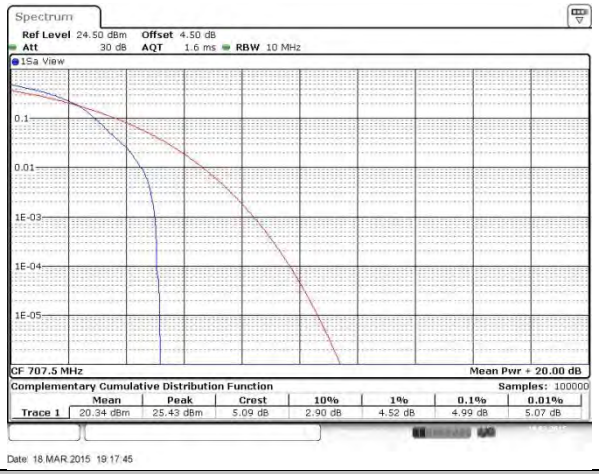
### Lowest Channel / 1RB



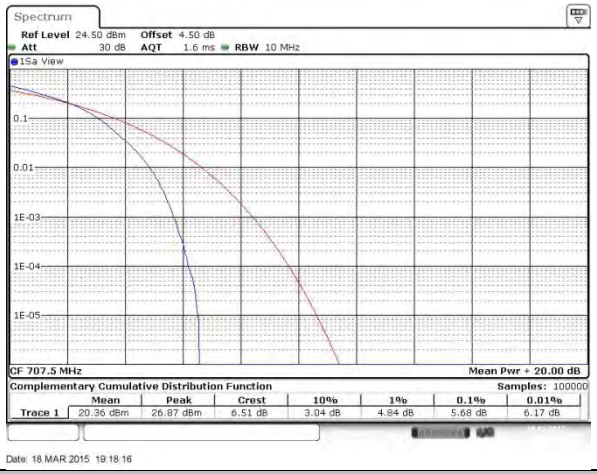

### Lowest Channel / Full RB



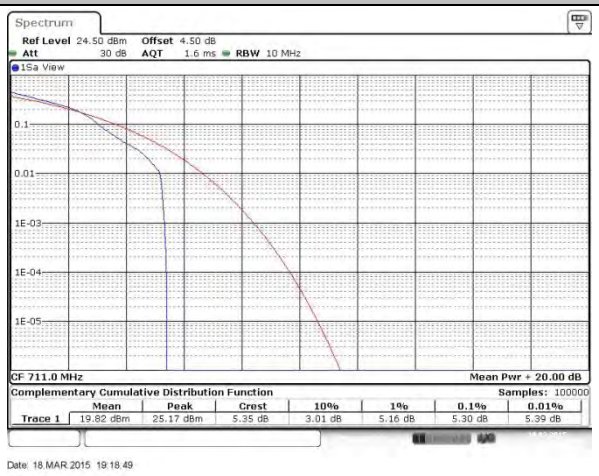

### Middle Channel / 1RB



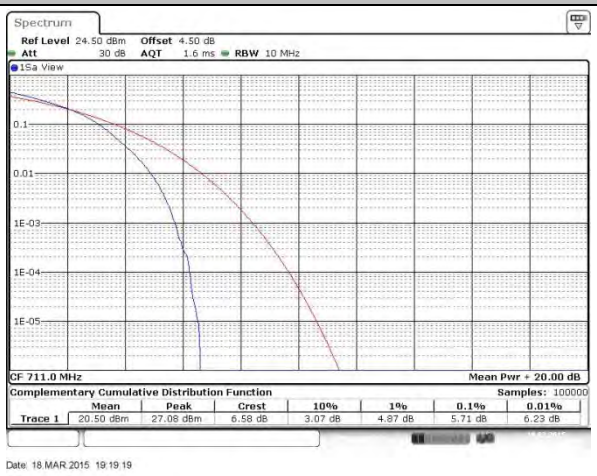

### Middle Channel / Full RB




### Highest Channel / 1RB

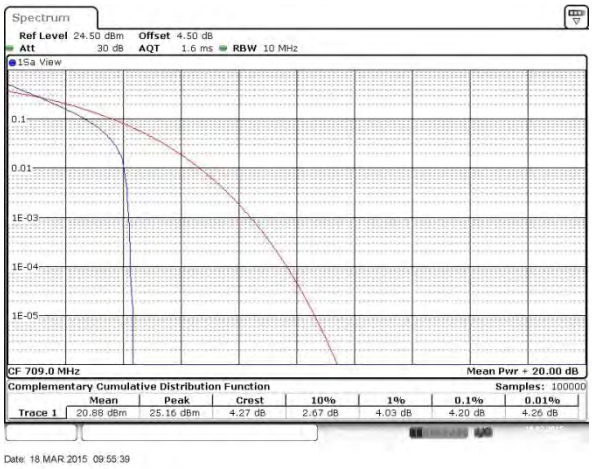



### Highest Channel / Full RB

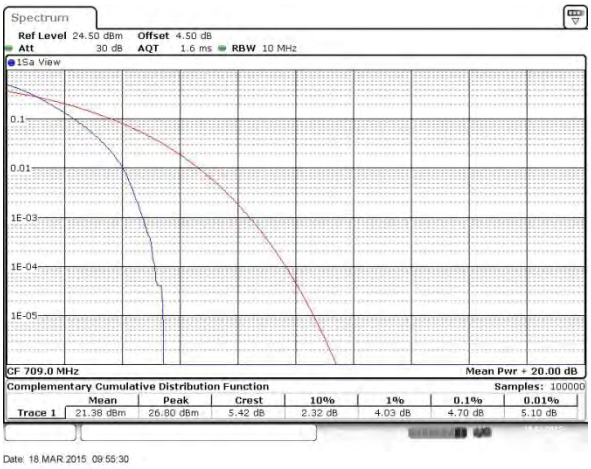


## LTE Band 17 / 10MHz / QPSK

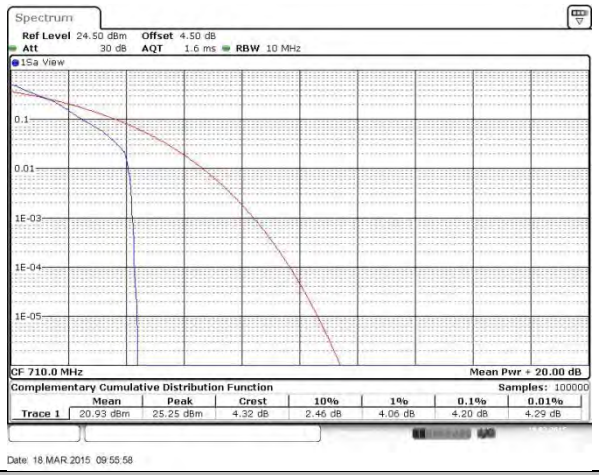
### Lowest Channel / 1RB



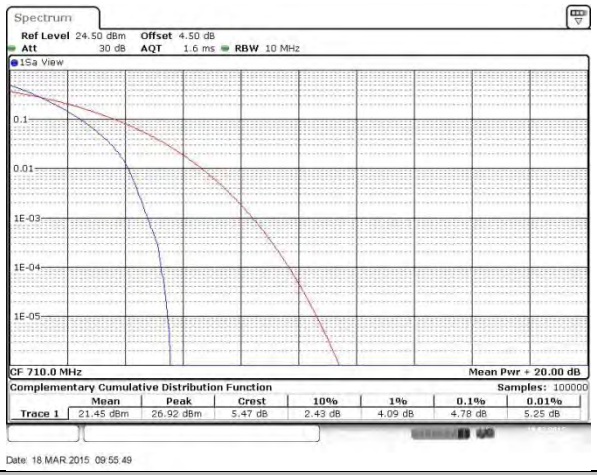

### Lowest Channel / Full RB




### Middle Channel/ 1RB

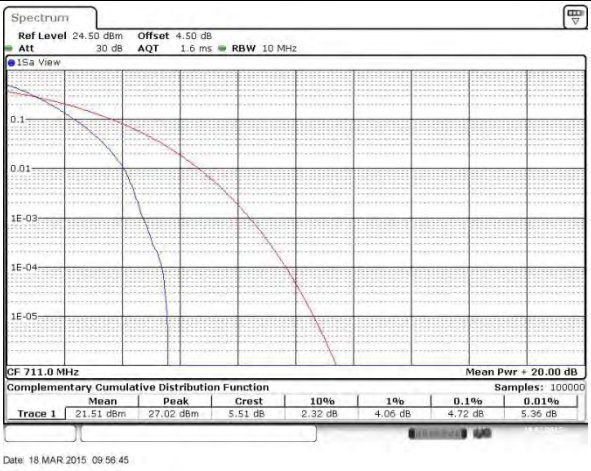



### Middle Channel / Full RB



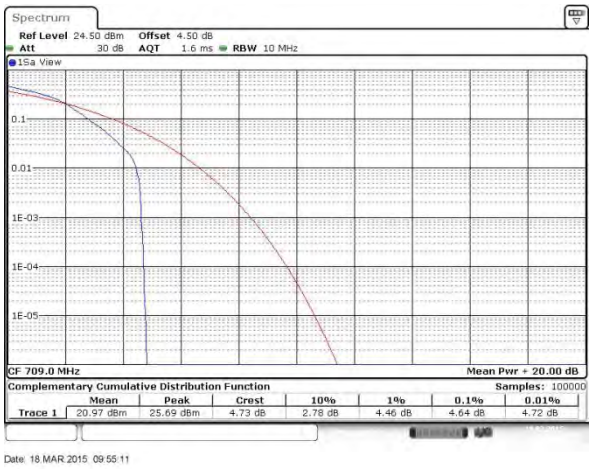

### Highest Channel/ 1RB

### Highest Channel / Full RB

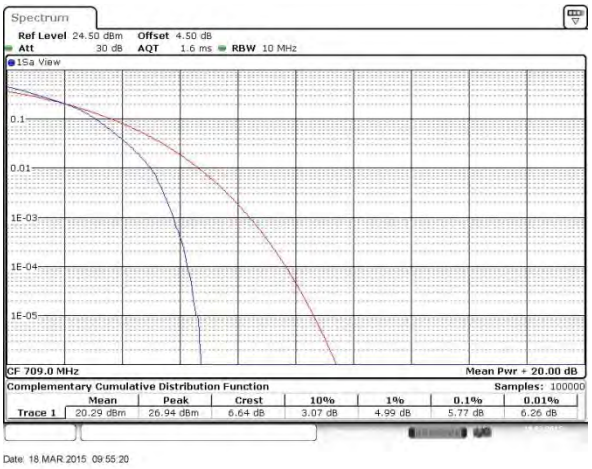


## LTE Band 17 / 10MHz / 16QAM

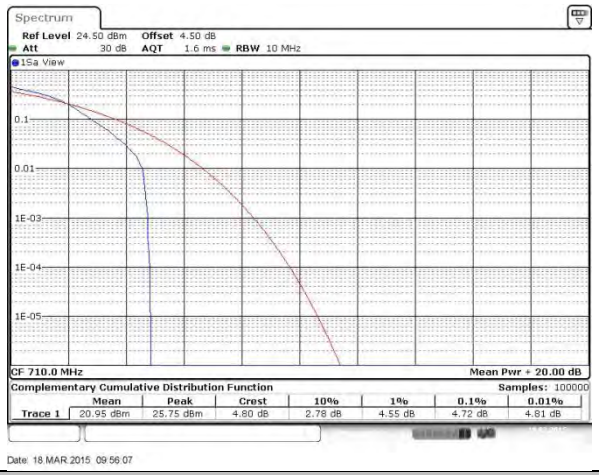
### Lowest Channel / 1RB



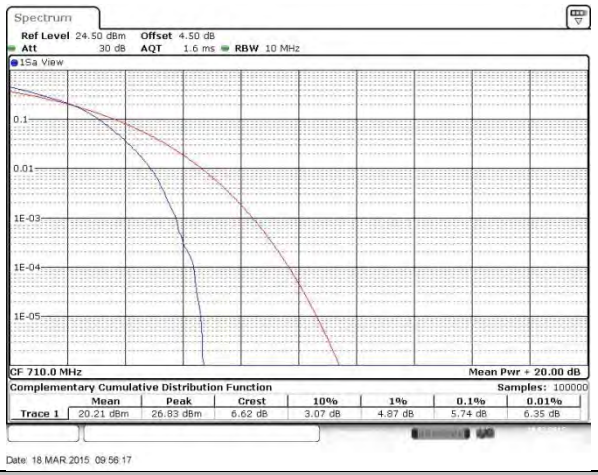

### Lowest Channel / Full RB




### Middle Channel/ 1RB




### Middle Channel / Full RB




### Highest Channel/ 1RB

### Highest Channel / Full RB