













**LTE Band 4**

| Channel                           | LTE Band 4       |        |                |       |       |              |        |       |
|-----------------------------------|------------------|--------|----------------|-------|-------|--------------|--------|-------|
|                                   | RB Configuration |        | 26 dB BW (MHz) |       |       | 99% BW (MHz) |        |       |
|                                   | Size             | Offset | QPSK           | 16QAM | 64QAM | QPSK         | 16QAM  | 64QAM |
| <b>Channel Bandwidth: 1.4 MHz</b> |                  |        |                |       |       |              |        |       |
| Lowest                            | 6                | 0      | 1.359          | 1.360 | N/A   | 1.1023       | 1.1011 | N/A   |
| Middle                            | 6                | 0      | 1.352          | 1.345 | N/A   | 1.1009       | 1.0997 | N/A   |
| Highest                           | 6                | 0      | 1.362          | 1.358 | N/A   | 1.1015       | 1.1000 | N/A   |
| <b>Channel Bandwidth: 3 MHz</b>   |                  |        |                |       |       |              |        |       |
| Lowest                            | 15               | 0      | 3.090          | 3.098 | N/A   | 2.6871       | 2.6897 | N/A   |
| Middle                            | 15               | 0      | 3.271          | 3.096 | N/A   | 2.6905       | 2.6916 | N/A   |
| Highest                           | 15               | 0      | 3.103          | 3.097 | N/A   | 2.6926       | 2.6926 | N/A   |
| <b>Channel Bandwidth: 5 MHz</b>   |                  |        |                |       |       |              |        |       |
| Lowest                            | 25               | 0      | 4.928          | 4.816 | N/A   | 4.4646       | 4.4603 | N/A   |
| Middle                            | 25               | 0      | 4.892          | 4.931 | N/A   | 4.4613       | 4.4635 | N/A   |
| Highest                           | 25               | 0      | 5.001          | 4.992 | N/A   | 4.4630       | 4.4636 | N/A   |
| <b>Channel Bandwidth: 10 MHz</b>  |                  |        |                |       |       |              |        |       |
| Lowest                            | 50               | 0      | 9.534          | 9.504 | N/A   | 8.9100       | 8.9208 | N/A   |
| Middle                            | 50               | 0      | 9.484          | 9.467 | N/A   | 8.9211       | 8.9193 | N/A   |
| Highest                           | 50               | 0      | 9.553          | 9.560 | N/A   | 8.9189       | 8.9114 | N/A   |
| <b>Channel Bandwidth: 15 MHz</b>  |                  |        |                |       |       |              |        |       |
| Lowest                            | 75               | 0      | 13.99          | 14.02 | N/A   | 13.378       | 13.388 | N/A   |
| Middle                            | 75               | 0      | 14.04          | 14.05 | N/A   | 13.396       | 13.393 | N/A   |
| Highest                           | 75               | 0      | 14.03          | 14.04 | N/A   | 13.392       | 13.399 | N/A   |
| <b>Channel Bandwidth: 20 MHz</b>  |                  |        |                |       |       |              |        |       |
| Lowest                            | 100              | 0      | 18.51          | 18.49 | N/A   | 17.802       | 17.805 | N/A   |
| Middle                            | 100              | 0      | 18.52          | 18.44 | N/A   | 17.827       | 17.820 | N/A   |
| Highest                           | 100              | 0      | 18.50          | 18.50 | N/A   | 17.841       | 17.834 | N/A   |







