















26dB Bandwidth

| Mode | LTE Band 2 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.262 | 1.284 | 2.967 | 2.925 | 4.935 | 4.935 | 9.83 | 9.83 | 14.176 | 14.356 | 20.14 | 20.22 |
| Middle CH | 1.267 | 1.284 | 2.955 | 2.937 | 4.895 | 4.825 | 9.71 | 9.73 | 14.565 | 14.236 | 20.18 | 20.14 |
| Highest CH | 1.270 | 1.276 | 2.949 | 2.961 | 4.885 | 4.855 | 9.77 | 9.79 | 14.296 | 14.505 | 20.22 | 20.14 |
| Mode | LTE Band 2 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.287 | | 2.961 | | 4.805 | | 9.65 | | 14.236 | | 19.98 | |
| Middle CH | 1.270 | | 2.967 | | 4.785 | | 9.83 | | 14.505 | | 20.26 | |
| Highest CH | 1.295 | | 2.967 | | 4.825 | | 9.71 | | 14.476 | | 20.18 | |

| Mode | LTE Band 4 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.267 | 1.253 | 2.949 | 2.919 | 4.685 | 4.845 | 9.79 | 9.71 | 14.326 | 14.326 | 20.2 | 20.18 |
| Middle CH | 1.278 | 1.267 | 2.955 | 2.973 | 4.775 | 4.775 | 9.65 | 9.89 | 14.236 | 14.266 | 20.1 | 20.18 |
| Highest CH | 1.270 | 1.292 | 2.949 | 2.991 | 4.895 | 4.775 | 9.75 | 9.67 | 14.266 | 14.236 | 20.14 | 20.1 |
| Mode | LTE Band 4 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.287 | | 2.955 | | 4.855 | | 9.67 | | 14.416 | | 20.14 | |
| Middle CH | 1.253 | | 2.931 | | 4.845 | | 9.63 | | 14.356 | | 20.26 | |
| Highest CH | 1.281 | | 2.931 | | 4.835 | | 9.77 | | 14.386 | | 20.14 | |



| Mode | LTE Band 5 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.284 | 1.259 | 2.973 | 2.973 | 4.855 | 4.805 | 9.69 | 9.85 | - | - | - | - |
| Middle CH | 1.276 | 1.245 | 2.949 | 2.955 | 4.865 | 4.825 | 9.83 | 9.63 | - | - | - | - |
| Highest CH | 1.281 | 1.242 | 2.961 | 2.973 | 4.905 | 4.795 | 9.77 | 9.73 | - | - | - | - |
| Mode | LTE Band 5 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.287 | | 2.925 | | 4.795 | | 9.77 | | - | - | - | - |
| Middle CH | 1.278 | | 2.967 | | 4.835 | | 9.79 | | - | - | - | - |
| Highest CH | 1.276 | | 2.973 | | 4.845 | | 9.75 | | - | - | - | - |

| Mode | LTE Band 7 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.925 | 4.885 | 9.83 | 9.81 | 14.236 | 14.476 | 20.26 | 20.14 |
| Middle CH | - | - | - | - | 4.865 | 4.855 | 9.77 | 9.71 | 14.446 | 14.266 | 20.18 | 20.26 |
| Highest CH | - | - | - | - | 4.855 | 4.815 | 9.73 | 9.81 | 14.286 | 14.146 | 20.18 | 20.22 |
| Mode | LTE Band 7 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | - | - | - | - | 4.865 | | 9.81 | | 14.146 | | 20.22 | |
| Middle CH | - | - | - | - | 4.885 | | 9.69 | | 14.296 | | 20.14 | |
| Highest CH | - | - | - | - | 4.825 | | 9.91 | | 14.505 | | 20.18 | |



| Mode | LTE Band 12 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.264 | 1.284 | 2.967 | 2.931 | 5.285 | 5.035 | 9.91 | 9.81 | - | - | - | - |
| Middle CH | 1.256 | 1.292 | 2.991 | 2.955 | 5.045 | 4.985 | 9.69 | 10.01 | - | - | - | - |
| Highest CH | 1.264 | 1.262 | 2.925 | 2.967 | 4.995 | 5.025 | 9.67 | 9.99 | - | - | - | - |
| Mode | LTE Band 12 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 64QAM | | 64QAM | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.298 | | 2.955 | | 5.195 | | 10.13 | | - | - | - | - |
| Middle CH | 1.304 | | 2.961 | | 5.165 | | 9.67 | | - | - | - | - |
| Highest CH | 1.278 | | 2.907 | | 5.005 | | 9.99 | | - | - | - | - |













