

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20407 | Mid CH 20525 | High CH 20643 | | Low CH 20407 | Mid CH 20525 | High CH 20643 | | Low CH 20407 | Mid CH 20525 | High CH 20643 | |
| | | | 824.7 MHz | 836.5 MHz | 848.3 MHz | | 824.7 MHz | 836.5 MHz | 848.3 MHz | | 824.7 MHz | 836.5 MHz | 848.3 MHz | |
| 5 / 1.4M | 1 | 0 | 22.92 | 22.82 | 22.88 | 0 | 22.30 | 22.18 | 22.28 | 1 | 21.09 | 21.01 | 21.12 | 2 |
| | 1 | 2 | 22.79 | 22.58 | 22.73 | 0 | 22.02 | 21.90 | 21.98 | 1 | 20.87 | 20.87 | 20.85 | 2 |
| | 1 | 5 | 23.18 | 22.98 | 23.12 | 0 | 22.42 | 22.21 | 22.39 | 1 | 21.28 | 21.17 | 21.27 | 2 |
| | 3 | 0 | 22.97 | 22.82 | 22.93 | 0 | 21.82 | 21.71 | 21.74 | 1 | 20.80 | 20.69 | 20.69 | 2 |
| | 3 | 1 | 22.91 | 22.85 | 22.80 | 0 | 21.87 | 21.86 | 21.83 | 1 | 20.84 | 20.83 | 20.83 | 2 |
| | 3 | 3 | 22.91 | 22.75 | 22.86 | 0 | 21.88 | 21.77 | 21.89 | 1 | 20.92 | 20.76 | 20.85 | 2 |
| | 6 | 0 | 21.89 | 21.76 | 21.82 | 1 | 20.92 | 20.83 | 20.87 | 2 | 19.90 | 19.81 | 19.85 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20415 | Mid CH 20525 | High CH 20635 | | Low CH 20415 | Mid CH 20525 | High CH 20635 | | Low CH 20415 | Mid CH 20525 | High CH 20635 | |
| | | | 825.5 MHz | 836.5 MHz | 847.5 MHz | | 825.5 MHz | 836.5 MHz | 847.5 MHz | | 825.5 MHz | 836.5 MHz | 847.5 MHz | |
| 5 / 3M | 1 | 0 | 22.94 | 22.84 | 22.87 | 0 | 22.27 | 22.24 | 22.31 | 1 | 21.15 | 21.04 | 21.06 | 2 |
| | 1 | 7 | 22.75 | 22.59 | 22.73 | 0 | 21.99 | 21.93 | 21.96 | 1 | 20.90 | 20.81 | 20.84 | 2 |
| | 1 | 14 | 23.14 | 22.98 | 23.12 | 0 | 22.45 | 22.21 | 22.39 | 1 | 21.29 | 21.19 | 21.27 | 2 |
| | 8 | 0 | 21.96 | 21.85 | 21.93 | 1 | 20.78 | 20.72 | 20.74 | 2 | 19.83 | 19.73 | 19.70 | 3 |
| | 8 | 3 | 21.84 | 21.85 | 21.82 | 1 | 20.92 | 20.81 | 20.86 | 2 | 19.88 | 19.77 | 19.88 | 3 |
| | 8 | 7 | 21.88 | 21.82 | 21.90 | 1 | 20.90 | 20.75 | 20.85 | 2 | 19.89 | 19.80 | 19.81 | 3 |
| | 15 | 0 | 21.86 | 21.77 | 21.76 | 1 | 20.92 | 20.77 | 20.90 | 2 | 19.92 | 19.78 | 19.89 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20425 | Mid CH 20525 | High CH 20625 | | Low CH 20425 | Mid CH 20525 | High CH 20625 | | Low CH 20425 | Mid CH 20525 | High CH 20625 | |
| | | | 826.5 MHz | 836.5 MHz | 846.5 MHz | | 826.5 MHz | 836.5 MHz | 846.5 MHz | | 826.5 MHz | 836.5 MHz | 846.5 MHz | |
| 5 / 5M | 1 | 0 | 22.95 | 22.79 | 22.88 | 0 | 22.28 | 22.20 | 22.31 | 1 | 21.09 | 21.01 | 21.12 | 2 |
| | 1 | 12 | 22.80 | 22.56 | 22.73 | 0 | 21.96 | 21.96 | 21.95 | 1 | 20.87 | 20.87 | 20.84 | 2 |
| | 1 | 24 | 23.15 | 22.97 | 23.16 | 0 | 22.45 | 22.21 | 22.38 | 1 | 21.22 | 21.24 | 21.27 | 2 |
| | 12 | 0 | 21.99 | 21.85 | 21.90 | 1 | 20.78 | 20.70 | 20.71 | 2 | 19.84 | 19.70 | 19.69 | 3 |
| | 12 | 6 | 21.84 | 21.86 | 21.83 | 1 | 20.89 | 20.85 | 20.82 | 2 | 19.82 | 19.84 | 19.87 | 3 |
| | 12 | 13 | 21.92 | 21.78 | 21.91 | 1 | 20.85 | 20.77 | 20.88 | 2 | 19.93 | 19.79 | 19.78 | 3 |
| | 25 | 0 | 21.84 | 21.80 | 21.79 | 1 | 20.92 | 20.78 | 20.87 | 2 | 19.88 | 19.84 | 19.87 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20450 | Mid CH 20525 | High CH 20600 | | Low CH 20450 | Mid CH 20525 | High CH 20600 | | Low CH 20450 | Mid CH 20525 | High CH 20600 | |
| | | | 829.0 MHz | 836.5 MHz | 844.0 MHz | | 829.0 MHz | 836.5 MHz | 844.0 MHz | | 829.0 MHz | 836.5 MHz | 844.0 MHz | |
| 5 / 10M | 1 | 0 | 23.00 | 22.86 | 22.93 | 0 | 22.35 | 22.25 | 22.33 | 1 | 21.16 | 21.06 | 21.14 | 2 |
| | 1 | 24 | 22.82 | 22.64 | 22.75 | 0 | 22.04 | 21.98 | 22.00 | 1 | 20.95 | 20.89 | 20.90 | 2 |
| | 1 | 49 | 23.20 | 23.05 | 23.17 | 0 | 22.47 | 22.29 | 22.40 | 1 | 21.30 | 21.25 | 21.29 | 2 |
| | 25 | 0 | 22.03 | 21.90 | 21.95 | 1 | 20.86 | 20.76 | 20.79 | 2 | 19.88 | 19.75 | 19.77 | 3 |
| | 25 | 12 | 21.92 | 21.87 | 21.88 | 1 | 20.95 | 20.87 | 20.88 | 2 | 19.90 | 19.85 | 19.89 | 3 |
| | 25 | 25 | 21.96 | 21.83 | 21.92 | 1 | 20.92 | 20.82 | 20.90 | 2 | 19.97 | 19.84 | 19.86 | 3 |
| | 50 | 0 | 21.90 | 21.82 | 21.84 | 1 | 20.98 | 20.85 | 20.92 | 2 | 19.94 | 19.86 | 19.90 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20775 | Mid CH 21100 | High CH 21425 | | Low CH 20775 | Mid CH 21100 | High CH 21425 | | Low CH 20775 | Mid CH 21100 | High CH 21425 | |
| | | | 2502.5 MHz | 2535.0 MHz | 2567.5 MHz | | 2502.5 MHz | 2535.0 MHz | 2567.5 MHz | | 2502.5 MHz | 2535.0 MHz | 2567.5 MHz | |
| 7 / 5M | 1 | 0 | 21.45 | 21.73 | 21.50 | 0 | 20.71 | 21.08 | 20.85 | 1 | 19.56 | 19.94 | 19.75 | 2 |
| | 1 | 12 | 21.33 | 21.61 | 21.43 | 0 | 20.53 | 20.91 | 20.70 | 1 | 19.42 | 19.76 | 19.53 | 2 |
| | 1 | 24 | 21.38 | 21.69 | 21.52 | 0 | 20.68 | 20.99 | 20.83 | 1 | 19.51 | 19.89 | 19.73 | 2 |
| | 12 | 0 | 20.32 | 20.65 | 20.48 | 1 | 19.29 | 19.58 | 19.42 | 2 | 18.30 | 18.61 | 18.31 | 3 |
| | 12 | 6 | 20.28 | 20.67 | 20.39 | 1 | 19.22 | 19.63 | 19.37 | 2 | 18.24 | 18.63 | 18.43 | 3 |
| | 12 | 13 | 20.26 | 20.59 | 20.47 | 1 | 19.28 | 19.60 | 19.46 | 2 | 18.32 | 18.65 | 18.38 | 3 |
| | 25 | 0 | 20.30 | 20.64 | 20.41 | 1 | 19.30 | 19.58 | 19.36 | 2 | 18.27 | 18.58 | 18.43 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20800 | Mid CH 21100 | High CH 21400 | | Low CH 20800 | Mid CH 21100 | High CH 21400 | | Low CH 20800 | Mid CH 21100 | High CH 21400 | |
| | | | 2505.0 MHz | 2535.0 MHz | 2565.0 MHz | | 2505.0 MHz | 2535.0 MHz | 2565.0 MHz | | 2505.0 MHz | 2535.0 MHz | 2565.0 MHz | |
| 7 / 10M | 1 | 0 | 21.42 | 21.76 | 21.50 | 0 | 20.71 | 21.05 | 20.81 | 1 | 19.55 | 19.95 | 19.72 | 2 |
| | 1 | 24 | 21.33 | 21.61 | 21.44 | 0 | 20.58 | 20.87 | 20.73 | 1 | 19.47 | 19.72 | 19.57 | 2 |
| | 1 | 49 | 21.35 | 21.73 | 21.48 | 0 | 20.68 | 21.00 | 20.80 | 1 | 19.57 | 19.83 | 19.70 | 2 |
| | 25 | 0 | 20.33 | 20.64 | 20.51 | 1 | 19.31 | 19.56 | 19.48 | 2 | 18.28 | 18.58 | 18.37 | 3 |
| | 25 | 12 | 20.34 | 20.61 | 20.39 | 1 | 19.26 | 19.57 | 19.42 | 2 | 18.31 | 18.62 | 18.37 | 3 |
| | 25 | 25 | 20.24 | 20.56 | 20.46 | 1 | 19.27 | 19.61 | 19.43 | 2 | 18.31 | 18.62 | 18.40 | 3 |
| | 50 | 0 | 20.35 | 20.64 | 20.38 | 1 | 19.34 | 19.57 | 19.40 | 2 | 18.32 | 18.54 | 18.44 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20825 | Mid CH 21100 | High CH 21375 | | Low CH 20825 | Mid CH 21100 | High CH 21375 | | Low CH 20825 | Mid CH 21100 | High CH 21375 | |
| | | | 2507.5 MHz | 2535.0 MHz | 2562.5 MHz | | 2507.5 MHz | 2535.0 MHz | 2562.5 MHz | | 2507.5 MHz | 2535.0 MHz | 2562.5 MHz | |
| 7 / 15M | 1 | 0 | 21.49 | 21.76 | 21.47 | 0 | 20.75 | 21.12 | 20.81 | 1 | 19.57 | 19.96 | 19.73 | 2 |
| | 1 | 37 | 21.31 | 21.66 | 21.39 | 0 | 20.57 | 20.88 | 20.73 | 1 | 19.48 | 19.71 | 19.54 | 2 |
| | 1 | 74 | 21.41 | 21.76 | 21.49 | 0 | 20.64 | 21.05 | 20.82 | 1 | 19.53 | 19.82 | 19.73 | 2 |
| | 36 | 0 | 20.30 | 20.65 | 20.52 | 1 | 19.35 | 19.56 | 19.49 | 2 | 18.33 | 18.64 | 18.31 | 3 |
| | 36 | 19 | 20.35 | 20.66 | 20.39 | 1 | 19.20 | 19.61 | 19.38 | 2 | 18.25 | 18.56 | 18.39 | 3 |
| | 36 | 39 | 20.22 | 20.57 | 20.46 | 1 | 19.32 | 19.59 | 19.46 | 2 | 18.34 | 18.69 | 18.42 | 3 |
| | 75 | 0 | 20.35 | 20.62 | 20.43 | 1 | 19.35 | 19.60 | 19.33 | 2 | 18.31 | 18.52 | 18.45 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 20850 | Mid CH 21100 | High CH 21350 | | Low CH 20850 | Mid CH 21100 | High CH 21350 | | Low CH 20850 | Mid CH 21100 | High CH 21350 | |
| | | | 2510.0 MHz | 2535.0 MHz | 2560.0 MHz | | 2510.0 MHz | 2535.0 MHz | 2560.0 MHz | | 2510.0 MHz | 2535.0 MHz | 2560.0 MHz | |
| 7 / 20M | 1 | 0 | 21.50 | 21.80 | 21.55 | 0 | 20.78 | 21.13 | 20.87 | 1 | 19.63 | 19.99 | 19.77 | 2 |
| | 1 | 50 | 21.35 | 21.69 | 21.45 | 0 | 20.61 | 20.93 | 20.75 | 1 | 19.50 | 19.78 | 19.59 | 2 |
| | 1 | 99 | 21.43 | 21.77 | 21.53 | 0 | 20.70 | 21.07 | 20.85 | 1 | 19.59 | 19.90 | 19.75 | 2 |
| | 50 | 0 | 20.36 | 20.70 | 20.53 | 1 | 19.37 | 19.64 | 19.50 | 2 | 18.34 | 18.66 | 18.39 | 3 |
| | 50 | 25 | 20.36 | 20.68 | 20.44 | 1 | 19.28 | 19.65 | 19.43 | 2 | 18.32 | 18.64 | 18.45 | 3 |
| | 50 | 50 | 20.30 | 20.64 | 20.48 | 1 | 19.35 | 19.65 | 19.48 | 2 | 18.36 | 18.70 | 18.46 | 3 |
| | 100 | 0 | 20.36 | 20.66 | 20.46 | 1 | 19.36 | 19.65 | 19.41 | 2 | 18.33 | 18.60 | 18.46 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23017 | Mid CH 23095 | High CH 23173 | | Low CH 23017 | Mid CH 23095 | High CH 23173 | | Low CH 23017 | Mid CH 23095 | High CH 23173 | |
| | | | 699.7 MHz | 707.5 MHz | 715.3 MHz | | 699.7 MHz | 707.5 MHz | 715.3 MHz | | 699.7 MHz | 707.5 MHz | 715.3 MHz | |
| 12 / 1.4M | 1 | 0 | 23.14 | 22.59 | 22.74 | 0 | 22.30 | 21.73 | 21.92 | 1 | 21.32 | 20.79 | 20.99 | 2 |
| | 1 | 2 | 23.14 | 22.48 | 22.72 | 0 | 22.25 | 21.68 | 21.85 | 1 | 21.12 | 20.67 | 20.74 | 2 |
| | 1 | 5 | 22.59 | 21.94 | 22.17 | 0 | 22.18 | 21.52 | 21.79 | 1 | 21.34 | 20.78 | 20.97 | 2 |
| | 3 | 0 | 23.02 | 22.42 | 22.62 | 0 | 22.32 | 21.76 | 21.88 | 1 | 21.28 | 20.72 | 20.81 | 2 |
| | 3 | 1 | 23.32 | 22.81 | 22.85 | 0 | 22.14 | 21.68 | 21.74 | 1 | 21.17 | 20.71 | 20.80 | 2 |
| | 3 | 3 | 22.67 | 22.72 | 22.92 | 0 | 22.07 | 21.51 | 21.72 | 1 | 21.18 | 20.57 | 20.75 | 2 |
| | 6 | 0 | 22.40 | 21.82 | 21.97 | 1 | 21.32 | 20.78 | 20.91 | 2 | 20.38 | 19.84 | 19.97 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23025 | Mid CH 23095 | High CH 23165 | | Low CH 23025 | Mid CH 23095 | High CH 23165 | | Low CH 23025 | Mid CH 23095 | High CH 23165 | |
| | | | 700.5 MHz | 707.5 MHz | 714.5 MHz | | 700.5 MHz | 707.5 MHz | 714.5 MHz | | 700.5 MHz | 707.5 MHz | 714.5 MHz | |
| 12 / 3M | 1 | 0 | 23.16 | 22.61 | 22.73 | 0 | 22.27 | 21.79 | 21.95 | 1 | 21.38 | 20.82 | 20.93 | 2 |
| | 1 | 7 | 23.10 | 22.49 | 22.72 | 0 | 22.22 | 21.71 | 21.83 | 1 | 21.15 | 20.61 | 20.73 | 2 |
| | 1 | 14 | 22.55 | 21.94 | 22.17 | 0 | 22.21 | 21.52 | 21.79 | 1 | 21.35 | 20.80 | 20.97 | 2 |
| | 8 | 0 | 22.01 | 21.45 | 21.62 | 1 | 21.28 | 20.77 | 20.88 | 2 | 20.31 | 19.76 | 19.82 | 3 |
| | 8 | 3 | 22.25 | 21.81 | 21.87 | 1 | 21.19 | 20.63 | 20.77 | 2 | 20.21 | 19.65 | 19.85 | 3 |
| | 8 | 7 | 22.30 | 21.79 | 21.96 | 1 | 21.09 | 20.49 | 20.68 | 2 | 20.15 | 19.61 | 19.71 | 3 |
| | 15 | 0 | 22.37 | 21.83 | 21.91 | 1 | 21.32 | 20.72 | 20.94 | 2 | 20.40 | 19.81 | 20.01 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23035 | Mid CH 23095 | High CH 23155 | | Low CH 23035 | Mid CH 23095 | High CH 23155 | | Low CH 23035 | Mid CH 23095 | High CH 23155 | |
| | | | 701.5 MHz | 707.5 MHz | 713.5 MHz | | 701.5 MHz | 707.5 MHz | 713.5 MHz | | 701.5 MHz | 707.5 MHz | 713.5 MHz | |
| 12 / 5M | 1 | 0 | 23.17 | 22.56 | 22.74 | 0 | 22.28 | 21.75 | 21.95 | 1 | 21.32 | 20.79 | 20.99 | 2 |
| | 1 | 12 | 23.15 | 22.46 | 22.72 | 0 | 22.19 | 21.74 | 21.82 | 1 | 21.12 | 20.67 | 20.73 | 2 |
| | 1 | 24 | 22.56 | 21.93 | 22.21 | 0 | 22.21 | 21.52 | 21.78 | 1 | 21.28 | 20.85 | 20.97 | 2 |
| | 12 | 0 | 22.04 | 21.45 | 21.59 | 1 | 21.28 | 20.75 | 20.85 | 2 | 20.32 | 19.73 | 19.81 | 3 |
| | 12 | 6 | 22.25 | 21.82 | 21.88 | 1 | 21.16 | 20.67 | 20.73 | 2 | 20.15 | 19.72 | 19.84 | 3 |
| | 12 | 13 | 22.34 | 21.75 | 21.97 | 1 | 21.04 | 20.51 | 20.71 | 2 | 20.19 | 19.60 | 19.68 | 3 |
| | 25 | 0 | 22.35 | 21.86 | 21.94 | 1 | 21.32 | 20.73 | 20.91 | 2 | 20.36 | 19.87 | 19.99 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23060 | Mid CH 23095 | High CH 23130 | | Low CH 23060 | Mid CH 23095 | High CH 23130 | | Low CH 23060 | Mid CH 23095 | High CH 23130 | |
| | | | 704.0 MHz | 707.5 MHz | 711.0 MHz | | 704.0 MHz | 707.5 MHz | 711.0 MHz | | 704.0 MHz | 707.5 MHz | 711.0 MHz | |
| 12 / 10M | 1 | 0 | 23.22 | 22.63 | 22.79 | 0 | 22.35 | 21.80 | 21.97 | 1 | 21.39 | 20.84 | 21.01 | 2 |
| | 1 | 24 | 23.17 | 22.54 | 22.74 | 0 | 22.27 | 21.76 | 21.87 | 1 | 21.20 | 20.69 | 20.79 | 2 |
| | 1 | 49 | 22.61 | 22.01 | 22.22 | 0 | 22.23 | 21.60 | 21.80 | 1 | 21.36 | 20.86 | 20.99 | 2 |
| | 25 | 0 | 22.08 | 21.50 | 21.64 | 1 | 21.36 | 20.81 | 20.93 | 2 | 20.36 | 19.78 | 19.89 | 3 |
| | 25 | 12 | 22.33 | 21.83 | 21.93 | 1 | 21.22 | 20.69 | 20.79 | 2 | 20.23 | 19.73 | 19.86 | 3 |
| | 25 | 25 | 22.38 | 21.80 | 21.98 | 1 | 21.11 | 20.56 | 20.73 | 2 | 20.23 | 19.65 | 19.76 | 3 |
| | 50 | 0 | 22.41 | 21.88 | 21.99 | 1 | 21.38 | 20.80 | 20.96 | 2 | 20.42 | 19.89 | 20.02 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23205 | Mid CH 23230 | High CH 23255 | | Low CH 23205 | Mid CH 23230 | High CH 23255 | | Low CH 23205 | Mid CH 23230 | High CH 23255 | |
| | | | 779.5 MHz | 782.0 MHz | 784.5 MHz | | 779.5 MHz | 782.0 MHz | 784.5 MHz | | 779.5 MHz | 782.0 MHz | 784.5 MHz | |
| 13 / 5M | 1 | 0 | 23.51 | 23.49 | 23.51 | 0 | 22.50 | 22.52 | 22.55 | 1 | 21.62 | 21.64 | 21.67 | 2 |
| | 1 | 12 | 23.49 | 23.43 | 23.49 | 0 | 22.68 | 22.74 | 22.71 | 1 | 21.71 | 21.77 | 21.73 | 2 |
| | 1 | 24 | 23.48 | 23.45 | 23.52 | 0 | 22.78 | 22.72 | 22.78 | 1 | 21.69 | 21.76 | 21.75 | 2 |
| | 12 | 0 | 22.75 | 22.74 | 22.74 | 1 | 21.75 | 21.77 | 21.75 | 2 | 20.76 | 20.75 | 20.72 | 3 |
| | 12 | 6 | 22.51 | 22.58 | 22.54 | 1 | 21.61 | 21.65 | 21.61 | 2 | 20.61 | 20.68 | 20.67 | 3 |
| | 12 | 13 | 22.58 | 22.57 | 22.61 | 1 | 21.58 | 21.60 | 21.63 | 2 | 20.58 | 20.57 | 20.54 | 3 |
| | 25 | 0 | 22.66 | 22.70 | 22.67 | 1 | 21.74 | 21.73 | 21.75 | 2 | 20.69 | 20.73 | 20.72 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | 3GPP MPR (dB) | 16QAM | 3GPP MPR (dB) | 64QAM | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|---------------|--------------|---------------|--------------|---------------|
| | | | Mid CH 23230 | | Mid CH 23230 | | Mid CH 23230 | |
| | | | 782.0 MHz | | 782.0 MHz | | 782.0 MHz | |
| 13 / 10M | 1 | 0 | 23.56 | 0 | 22.57 | 1 | 21.69 | 2 |
| | 1 | 24 | 23.51 | 0 | 22.76 | 1 | 21.79 | 2 |
| | 1 | 49 | 23.53 | 0 | 22.80 | 1 | 21.77 | 2 |
| | 25 | 0 | 22.79 | 1 | 21.83 | 2 | 20.80 | 3 |
| | 25 | 12 | 22.59 | 1 | 21.67 | 2 | 20.69 | 3 |
| | 25 | 25 | 22.62 | 1 | 21.65 | 2 | 20.62 | 3 |
| | 50 | 0 | 22.72 | 1 | 21.80 | 2 | 20.75 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23305 | Mid CH 23330 | High CH 23355 | | Low CH 23305 | Mid CH 23330 | High CH 23355 | | Low CH 23305 | Mid CH 23330 | High CH 23355 | |
| | | | 790.5 MHz | 793.0 MHz | 795.5 MHz | | 790.5 MHz | 793.0 MHz | 795.5 MHz | | 790.5 MHz | 793.0 MHz | 795.5 MHz | |
| 14 / 5M | 1 | 0 | 23.60 | 23.58 | 23.60 | 0 | 22.69 | 22.71 | 22.74 | 1 | 21.62 | 21.64 | 21.67 | 2 |
| | 1 | 12 | 23.52 | 23.46 | 23.52 | 0 | 22.73 | 22.79 | 22.76 | 1 | 21.81 | 21.87 | 21.83 | 2 |
| | 1 | 24 | 22.82 | 22.79 | 22.86 | 0 | 22.20 | 22.14 | 22.20 | 1 | 21.09 | 21.16 | 21.15 | 2 |
| | 12 | 0 | 22.91 | 22.90 | 22.90 | 1 | 21.81 | 21.83 | 21.81 | 2 | 20.79 | 20.78 | 20.75 | 3 |
| | 12 | 6 | 22.72 | 22.79 | 22.75 | 1 | 21.70 | 21.74 | 21.70 | 2 | 20.69 | 20.76 | 20.75 | 3 |
| | 12 | 13 | 22.66 | 22.65 | 22.69 | 1 | 21.71 | 21.73 | 21.76 | 2 | 20.79 | 20.78 | 20.75 | 3 |
| | 25 | 0 | 22.76 | 22.80 | 22.77 | 1 | 21.77 | 21.76 | 21.78 | 2 | 20.72 | 20.76 | 20.75 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | 3GPP MPR (dB) | 16QAM | 3GPP MPR (dB) | 64QAM | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|---------------|--------------|---------------|--------------|---------------|
| | | | Mid CH 23330 | | Mid CH 23330 | | Mid CH 23330 | |
| | | | 793.0 MHz | | 793.0 MHz | | 793.0 MHz | |
| 14 / 10M | 1 | 0 | 23.65 | 0 | 22.76 | 1 | 21.69 | 2 |
| | 1 | 24 | 23.54 | 0 | 22.81 | 1 | 21.89 | 2 |
| | 1 | 49 | 22.87 | 0 | 22.22 | 1 | 21.17 | 2 |
| | 25 | 0 | 22.95 | 1 | 21.89 | 2 | 20.83 | 3 |
| | 25 | 12 | 22.80 | 1 | 21.76 | 2 | 20.77 | 3 |
| | 25 | 25 | 22.70 | 1 | 21.78 | 2 | 20.83 | 3 |
| | 50 | 0 | 22.82 | 1 | 21.83 | 2 | 20.78 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23755 | Mid CH 23790 | High CH 23825 | | Low CH 23755 | Mid CH 23790 | High CH 23825 | | Low CH 23755 | Mid CH 23790 | High CH 23825 | |
| | | | 706.5 MHz | 710.0 MHz | 713.5 MHz | | 706.5 MHz | 710.0 MHz | 713.5 MHz | | 706.5 MHz | 710.0 MHz | 713.5 MHz | |
| 17 / 5M | 1 | 0 | 22.97 | 22.98 | 23.07 | 0 | 21.53 | 21.66 | 21.73 | 1 | 20.51 | 20.64 | 20.71 | 2 |
| | 1 | 12 | 22.17 | 22.18 | 22.27 | 0 | 22.14 | 22.35 | 22.30 | 1 | 21.07 | 21.28 | 21.21 | 2 |
| | 1 | 24 | 22.59 | 22.62 | 22.77 | 0 | 22.08 | 22.05 | 22.18 | 1 | 20.79 | 21.02 | 21.01 | 2 |
| | 12 | 0 | 22.20 | 22.27 | 22.28 | 1 | 21.02 | 21.15 | 21.12 | 2 | 20.08 | 20.15 | 20.10 | 3 |
| | 12 | 6 | 21.93 | 22.16 | 22.09 | 1 | 21.12 | 21.29 | 21.22 | 2 | 20.07 | 20.30 | 20.29 | 3 |
| | 12 | 13 | 21.97 | 22.04 | 22.13 | 1 | 21.13 | 21.26 | 21.33 | 2 | 20.24 | 20.31 | 20.26 | 3 |
| | 25 | 0 | 21.99 | 22.16 | 22.11 | 1 | 20.62 | 20.69 | 20.74 | 2 | 19.99 | 20.16 | 20.15 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 23780 | Mid CH 23790 | High CH 23800 | | Low CH 23780 | Mid CH 23790 | High CH 23800 | | Low CH 23780 | Mid CH 23790 | High CH 23800 | |
| | | | 709.0 MHz | 710.0 MHz | 711.0 MHz | | 709.0 MHz | 710.0 MHz | 711.0 MHz | | 709.0 MHz | 710.0 MHz | 711.0 MHz | |
| 17 / 10M | 1 | 0 | 23.02 | 23.05 | 23.12 | 0 | 21.60 | 21.71 | 21.75 | 1 | 20.58 | 20.69 | 20.73 | 2 |
| | 1 | 24 | 22.19 | 22.26 | 22.29 | 0 | 22.22 | 22.37 | 22.35 | 1 | 21.15 | 21.30 | 21.27 | 2 |
| | 1 | 49 | 22.64 | 22.70 | 22.78 | 0 | 22.10 | 22.13 | 22.20 | 1 | 20.87 | 21.03 | 21.03 | 2 |
| | 25 | 0 | 22.24 | 22.32 | 22.33 | 1 | 21.10 | 21.21 | 21.20 | 2 | 20.12 | 20.20 | 20.18 | 3 |
| | 25 | 12 | 22.01 | 22.17 | 22.14 | 1 | 21.18 | 21.31 | 21.28 | 2 | 20.15 | 20.31 | 20.31 | 3 |
| | 25 | 25 | 22.01 | 22.09 | 22.14 | 1 | 21.20 | 21.31 | 21.35 | 2 | 20.28 | 20.36 | 20.34 | 3 |
| | 50 | 0 | 22.05 | 22.18 | 22.16 | 1 | 20.68 | 20.76 | 20.79 | 2 | 20.05 | 20.18 | 20.18 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26047 | Mid CH 26365 | High CH 26683 | | Low CH 26047 | Mid CH 26365 | High CH 26683 | | Low CH 26047 | Mid CH 26365 | High CH 26683 | |
| | | | 1850.7 MHz | 1882.5 MHz | 1914.3 MHz | | 1850.7 MHz | 1882.5 MHz | 1914.3 MHz | | 1850.7 MHz | 1882.5 MHz | 1914.3 MHz | |
| 25 / 1.4M | 1 | 0 | 20.64 | 21.15 | 21.09 | 0 | 19.85 | 20.35 | 20.31 | 1 | 18.81 | 19.36 | 19.37 | 2 |
| | 1 | 2 | 20.64 | 21.12 | 21.12 | 0 | 20.08 | 20.55 | 20.59 | 1 | 18.85 | 19.36 | 19.34 | 2 |
| | 1 | 5 | 20.15 | 20.61 | 20.59 | 0 | 19.60 | 20.11 | 20.16 | 1 | 18.82 | 19.24 | 19.35 | 2 |
| | 3 | 0 | 20.63 | 21.12 | 21.21 | 0 | 19.67 | 20.10 | 20.16 | 1 | 18.64 | 19.15 | 19.06 | 2 |
| | 3 | 1 | 20.65 | 21.23 | 21.03 | 0 | 19.53 | 20.14 | 20.08 | 1 | 18.42 | 18.95 | 18.92 | 2 |
| | 3 | 3 | 20.56 | 21.04 | 21.10 | 0 | 19.65 | 20.11 | 20.18 | 1 | 18.53 | 19.01 | 19.04 | 2 |
| | 6 | 0 | 19.82 | 20.24 | 20.28 | 1 | 18.50 | 19.00 | 18.93 | 2 | 17.55 | 17.98 | 18.04 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26055 | Mid CH 26365 | High CH 26675 | | Low CH 26055 | Mid CH 26365 | High CH 26675 | | Low CH 26055 | Mid CH 26365 | High CH 26675 | |
| | | | 1851.5 MHz | 1882.5 MHz | 1913.5 MHz | | 1851.5 MHz | 1882.5 MHz | 1913.5 MHz | | 1851.5 MHz | 1882.5 MHz | 1913.5 MHz | |
| 25 / 3M | 1 | 0 | 20.66 | 21.17 | 21.08 | 0 | 19.82 | 20.41 | 20.34 | 1 | 18.87 | 19.39 | 19.31 | 2 |
| | 1 | 7 | 20.60 | 21.13 | 21.12 | 0 | 20.05 | 20.58 | 20.57 | 1 | 18.88 | 19.30 | 19.33 | 2 |
| | 1 | 14 | 20.11 | 20.61 | 20.59 | 0 | 19.63 | 20.11 | 20.16 | 1 | 18.83 | 19.26 | 19.35 | 2 |
| | 8 | 0 | 19.62 | 20.15 | 20.21 | 1 | 18.63 | 19.11 | 19.16 | 2 | 17.67 | 18.19 | 18.07 | 3 |
| | 8 | 3 | 19.58 | 20.23 | 20.05 | 1 | 18.58 | 19.09 | 19.11 | 2 | 17.46 | 17.89 | 17.97 | 3 |
| | 8 | 7 | 19.53 | 20.11 | 20.14 | 1 | 18.67 | 19.09 | 19.14 | 2 | 17.50 | 18.05 | 18.00 | 3 |
| | 15 | 0 | 19.79 | 20.25 | 20.22 | 1 | 18.50 | 18.94 | 18.96 | 2 | 17.57 | 17.95 | 18.08 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26065 | Mid CH 26365 | High CH 26665 | | Low CH 26065 | Mid CH 26365 | High CH 26665 | | Low CH 26065 | Mid CH 26365 | High CH 26665 | |
| | | | 1852.5 MHz | 1882.5 MHz | 1912.5 MHz | | 1852.5 MHz | 1882.5 MHz | 1912.5 MHz | | 1852.5 MHz | 1882.5 MHz | 1912.5 MHz | |
| 25 / 5M | 1 | 0 | 20.67 | 21.12 | 21.09 | 0 | 19.83 | 20.37 | 20.34 | 1 | 18.81 | 19.36 | 19.37 | 2 |
| | 1 | 12 | 20.65 | 21.10 | 21.12 | 0 | 20.02 | 20.61 | 20.56 | 1 | 18.85 | 19.36 | 19.33 | 2 |
| | 1 | 24 | 20.12 | 20.60 | 20.63 | 0 | 19.63 | 20.11 | 20.15 | 1 | 18.76 | 19.31 | 19.35 | 2 |
| | 12 | 0 | 19.65 | 20.15 | 20.18 | 1 | 18.63 | 19.09 | 19.13 | 2 | 17.68 | 18.16 | 18.06 | 3 |
| | 12 | 6 | 19.58 | 20.24 | 20.06 | 1 | 18.55 | 19.13 | 19.07 | 2 | 17.40 | 17.96 | 17.96 | 3 |
| | 12 | 13 | 19.57 | 20.07 | 20.15 | 1 | 18.62 | 19.11 | 19.17 | 2 | 17.54 | 18.04 | 17.97 | 3 |
| | 25 | 0 | 19.77 | 20.28 | 20.25 | 1 | 18.50 | 18.95 | 18.93 | 2 | 17.53 | 18.01 | 18.06 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26090 | Mid CH 26365 | High CH 26640 | | Low CH 26090 | Mid CH 26365 | High CH 26640 | | Low CH 26090 | Mid CH 26365 | High CH 26640 | |
| | | | 1855.0 MHz | 1882.5 MHz | 1910.0 MHz | | 1855.0 MHz | 1882.5 MHz | 1910.0 MHz | | 1855.0 MHz | 1882.5 MHz | 1910.0 MHz | |
| 25 / 10M | 1 | 0 | 20.64 | 21.15 | 21.09 | 0 | 19.83 | 20.34 | 20.30 | 1 | 18.80 | 19.37 | 19.34 | 2 |
| | 1 | 24 | 20.65 | 21.10 | 21.13 | 0 | 20.07 | 20.57 | 20.59 | 1 | 18.90 | 19.32 | 19.37 | 2 |
| | 1 | 49 | 20.09 | 20.64 | 20.59 | 0 | 19.63 | 20.12 | 20.12 | 1 | 18.82 | 19.25 | 19.32 | 2 |
| | 25 | 0 | 19.66 | 20.14 | 20.21 | 1 | 18.65 | 19.07 | 19.19 | 2 | 17.66 | 18.13 | 18.12 | 3 |
| | 25 | 12 | 19.64 | 20.18 | 20.06 | 1 | 18.59 | 19.07 | 19.12 | 2 | 17.47 | 17.95 | 17.90 | 3 |
| | 25 | 25 | 19.55 | 20.04 | 20.14 | 1 | 18.61 | 19.12 | 19.14 | 2 | 17.53 | 18.01 | 17.99 | 3 |
| | 50 | 0 | 19.82 | 20.28 | 20.22 | 1 | 18.54 | 18.94 | 18.97 | 2 | 17.58 | 17.97 | 18.07 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26115 | Mid CH 26365 | High CH 26615 | | Low CH 26115 | Mid CH 26365 | High CH 26615 | | Low CH 26115 | Mid CH 26365 | High CH 26615 | |
| | | | 1857.5 MHz | 1882.5 MHz | 1907.5 MHz | | 1857.5 MHz | 1882.5 MHz | 1907.5 MHz | | 1857.5 MHz | 1882.5 MHz | 1907.5 MHz | |
| 25 / 15M | 1 | 0 | 20.71 | 21.15 | 21.06 | 0 | 19.87 | 20.41 | 20.30 | 1 | 18.82 | 19.38 | 19.35 | 2 |
| | 1 | 37 | 20.63 | 21.15 | 21.08 | 0 | 20.06 | 20.58 | 20.59 | 1 | 18.91 | 19.31 | 19.34 | 2 |
| | 1 | 74 | 20.15 | 20.67 | 20.60 | 0 | 19.59 | 20.17 | 20.14 | 1 | 18.78 | 19.24 | 19.35 | 2 |
| | 36 | 0 | 19.63 | 20.15 | 20.22 | 1 | 18.69 | 19.07 | 19.20 | 2 | 17.71 | 18.19 | 18.06 | 3 |
| | 36 | 19 | 19.65 | 20.23 | 20.06 | 1 | 18.53 | 19.11 | 19.08 | 2 | 17.41 | 17.89 | 17.92 | 3 |
| | 36 | 39 | 19.53 | 20.05 | 20.14 | 1 | 18.66 | 19.10 | 19.17 | 2 | 17.56 | 18.08 | 18.01 | 3 |
| | 75 | 0 | 19.82 | 20.26 | 20.27 | 1 | 18.55 | 18.97 | 18.90 | 2 | 17.57 | 17.95 | 18.08 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26140 | Mid CH 26365 | High CH 26590 | | Low CH 26140 | Mid CH 26365 | High CH 26590 | | Low CH 26140 | Mid CH 26365 | High CH 26590 | |
| | | | 1860.0 MHz | 1882.5 MHz | 1905.0 MHz | | 1860.0 MHz | 1882.5 MHz | 1905.0 MHz | | 1860.0 MHz | 1882.5 MHz | 1905.0 MHz | |
| 25 / 20M | 1 | 0 | 20.72 | 21.19 | 21.14 | 0 | 19.90 | 20.42 | 20.36 | 1 | 18.88 | 19.41 | 19.39 | 2 |
| | 1 | 50 | 20.67 | 21.18 | 21.14 | 0 | 20.10 | 20.63 | 20.61 | 1 | 18.93 | 19.38 | 19.39 | 2 |
| | 1 | 99 | 20.17 | 20.68 | 20.64 | 0 | 19.65 | 20.19 | 20.17 | 1 | 18.84 | 19.32 | 19.37 | 2 |
| | 50 | 0 | 19.69 | 20.20 | 20.23 | 1 | 18.71 | 19.15 | 19.21 | 2 | 17.72 | 18.21 | 18.14 | 3 |
| | 50 | 25 | 19.66 | 20.25 | 20.11 | 1 | 18.61 | 19.15 | 19.13 | 2 | 17.48 | 17.97 | 17.98 | 3 |
| | 50 | 50 | 19.61 | 20.12 | 20.16 | 1 | 18.69 | 19.16 | 19.19 | 2 | 17.58 | 18.09 | 18.05 | 3 |
| | 100 | 0 | 19.83 | 20.30 | 20.30 | 1 | 18.56 | 19.02 | 18.98 | 2 | 17.59 | 18.03 | 18.09 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26697 | Mid CH 26865 | High CH 27033 | | Low CH 26697 | Mid CH 26865 | High CH 27033 | | Low CH 26697 | Mid CH 26865 | High CH 27033 | |
| | | | 814.7 MHz | 831.5 MHz | 848.3 MHz | | 814.7 MHz | 831.5 MHz | 848.3 MHz | | 814.7 MHz | 831.5 MHz | 848.3 MHz | |
| 26 / 1.4M | 1 | 0 | 22.59 | 22.95 | 22.94 | 0 | 21.86 | 22.06 | 22.14 | 1 | 20.82 | 21.16 | 21.19 | 2 |
| | 1 | 2 | 22.37 | 22.56 | 22.68 | 0 | 21.81 | 21.93 | 22.09 | 1 | 20.40 | 20.64 | 20.71 | 2 |
| | 1 | 5 | 23.26 | 23.43 | 23.53 | 0 | 21.79 | 21.90 | 22.03 | 1 | 20.61 | 20.69 | 20.81 | 2 |
| | 3 | 0 | 22.82 | 22.98 | 23.14 | 0 | 21.76 | 21.95 | 22.09 | 1 | 20.70 | 20.92 | 21.04 | 2 |
| | 3 | 1 | 22.53 | 22.66 | 22.66 | 0 | 21.51 | 21.70 | 21.82 | 1 | 20.54 | 20.80 | 20.66 | 2 |
| | 3 | 3 | 22.34 | 22.51 | 22.67 | 0 | 21.27 | 21.58 | 21.62 | 1 | 20.37 | 20.52 | 20.65 | 2 |
| | 6 | 0 | 21.74 | 21.87 | 21.89 | 1 | 20.65 | 20.81 | 20.94 | 2 | 19.65 | 19.78 | 19.88 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26705 | Mid CH 26865 | High CH 27025 | | Low CH 26705 | Mid CH 26865 | High CH 27025 | | Low CH 26705 | Mid CH 26865 | High CH 27025 | |
| | | | 815.5 MHz | 831.5 MHz | 847.5 MHz | | 815.5 MHz | 831.5 MHz | 847.5 MHz | | 815.5 MHz | 831.5 MHz | 847.5 MHz | |
| 26 / 3M | 1 | 0 | 22.61 | 22.97 | 22.93 | 0 | 21.83 | 22.12 | 22.17 | 1 | 20.88 | 21.19 | 21.13 | 2 |
| | 1 | 7 | 22.33 | 22.57 | 22.68 | 0 | 21.78 | 21.96 | 22.07 | 1 | 20.43 | 20.58 | 20.70 | 2 |
| | 1 | 14 | 23.22 | 23.43 | 23.53 | 0 | 21.82 | 21.90 | 22.03 | 1 | 20.62 | 20.71 | 20.81 | 2 |
| | 8 | 0 | 21.81 | 22.01 | 22.14 | 1 | 20.72 | 20.96 | 21.09 | 2 | 19.73 | 19.96 | 20.05 | 3 |
| | 8 | 3 | 21.46 | 21.66 | 21.68 | 1 | 20.56 | 20.65 | 20.85 | 2 | 19.58 | 19.74 | 19.71 | 3 |
| | 8 | 7 | 21.31 | 21.58 | 21.71 | 1 | 20.29 | 20.56 | 20.58 | 2 | 19.34 | 19.56 | 19.61 | 3 |
| | 15 | 0 | 21.71 | 21.88 | 21.83 | 1 | 20.65 | 20.75 | 20.97 | 2 | 19.67 | 19.75 | 19.92 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26715 | Mid CH 26865 | High CH 27015 | | Low CH 26715 | Mid CH 26865 | High CH 27015 | | Low CH 26715 | Mid CH 26865 | High CH 27015 | |
| | | | 816.5 MHz | 831.5 MHz | 846.5 MHz | | 816.5 MHz | 831.5 MHz | 846.5 MHz | | 816.5 MHz | 831.5 MHz | 846.5 MHz | |
| 26 / 5M | 1 | 0 | 22.62 | 22.92 | 22.94 | 0 | 21.84 | 22.08 | 22.17 | 1 | 20.82 | 21.16 | 21.19 | 2 |
| | 1 | 12 | 22.38 | 22.54 | 22.68 | 0 | 21.75 | 21.99 | 22.06 | 1 | 20.40 | 20.64 | 20.70 | 2 |
| | 1 | 24 | 23.23 | 23.42 | 23.57 | 0 | 21.82 | 21.90 | 22.02 | 1 | 20.55 | 20.76 | 20.81 | 2 |
| | 12 | 0 | 21.84 | 22.01 | 22.11 | 1 | 20.72 | 20.94 | 21.06 | 2 | 19.74 | 19.93 | 20.04 | 3 |
| | 12 | 6 | 21.46 | 21.67 | 21.69 | 1 | 20.53 | 20.69 | 20.81 | 2 | 19.52 | 19.81 | 19.70 | 3 |
| | 12 | 13 | 21.35 | 21.54 | 21.72 | 1 | 20.24 | 20.58 | 20.61 | 2 | 19.38 | 19.55 | 19.58 | 3 |
| | 25 | 0 | 21.69 | 21.91 | 21.86 | 1 | 20.65 | 20.76 | 20.94 | 2 | 19.63 | 19.81 | 19.90 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26740 | Mid CH 26865 | High CH 26990 | | Low CH 26740 | Mid CH 26865 | High CH 26990 | | Low CH 26740 | Mid CH 26865 | High CH 26990 | |
| | | | 819.0 MHz | 831.5 MHz | 844.0 MHz | | 819.0 MHz | 831.5 MHz | 844.0 MHz | | 819.0 MHz | 831.5 MHz | 844.0 MHz | |
| 26 / 10M | 1 | 0 | 22.67 | 22.99 | 22.99 | 0 | 21.91 | 22.13 | 22.19 | 1 | 20.89 | 21.21 | 21.21 | 2 |
| | 1 | 24 | 22.40 | 22.62 | 22.70 | 0 | 21.83 | 22.01 | 22.11 | 1 | 20.48 | 20.66 | 20.76 | 2 |
| | 1 | 49 | 23.28 | 23.50 | 23.58 | 0 | 21.84 | 21.98 | 22.04 | 1 | 20.63 | 20.77 | 20.83 | 2 |
| | 25 | 0 | 21.88 | 22.06 | 22.16 | 1 | 20.80 | 21.00 | 21.14 | 2 | 19.78 | 19.98 | 20.12 | 3 |
| | 25 | 12 | 21.54 | 21.68 | 21.74 | 1 | 20.59 | 20.71 | 20.87 | 2 | 19.60 | 19.82 | 19.72 | 3 |
| | 25 | 25 | 21.39 | 21.59 | 21.73 | 1 | 20.31 | 20.63 | 20.63 | 2 | 19.42 | 19.60 | 19.66 | 3 |
| | 50 | 0 | 21.75 | 21.93 | 21.91 | 1 | 20.71 | 20.83 | 20.99 | 2 | 19.69 | 19.83 | 19.93 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 26765 | Mid CH 26865 | High CH 26965 | | Low CH 26765 | Mid CH 26865 | High CH 26965 | | Low CH 26765 | Mid CH 26865 | High CH 26965 | |
| | | | 821.5 MHz | 831.5 MHz | 841.5 MHz | | 821.5 MHz | 831.5 MHz | 841.5 MHz | | 821.5 MHz | 831.5 MHz | 841.5 MHz | |
| 26 / 15M | 1 | 0 | 22.75 | 23.03 | 23.04 | 0 | 21.98 | 22.21 | 22.25 | 1 | 20.97 | 21.25 | 21.26 | 2 |
| | 1 | 37 | 22.42 | 22.70 | 22.71 | 0 | 21.86 | 22.07 | 22.13 | 1 | 20.51 | 20.72 | 20.78 | 2 |
| | 1 | 74 | 23.36 | 23.54 | 23.63 | 0 | 21.86 | 22.05 | 22.09 | 1 | 20.65 | 20.84 | 20.88 | 2 |
| | 36 | 0 | 21.91 | 22.12 | 22.18 | 1 | 20.86 | 21.08 | 21.16 | 2 | 19.84 | 20.06 | 20.14 | 3 |
| | 36 | 19 | 21.56 | 21.75 | 21.79 | 1 | 20.61 | 20.79 | 20.88 | 2 | 19.61 | 19.84 | 19.80 | 3 |
| | 36 | 39 | 21.45 | 21.67 | 21.75 | 1 | 20.39 | 20.67 | 20.68 | 2 | 19.47 | 19.68 | 19.72 | 3 |
| | 75 | 0 | 21.76 | 21.95 | 21.99 | 1 | 20.73 | 20.91 | 21.00 | 2 | 19.70 | 19.89 | 19.95 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 27685 | Mid CH 27710 | High CH 27735 | | Low CH 27685 | Mid CH 27710 | High CH 27735 | | Low CH 27685 | Mid CH 27710 | High CH 27735 | |
| | | | 2307.5 MHz | 2310.0 MHz | 2312.5 MHz | | 2307.5 MHz | 2310.0 MHz | 2312.5 MHz | | 2307.5 MHz | 2310.0 MHz | 2312.5 MHz | |
| 30 / 5M | 1 | 0 | 22.60 | 22.58 | 22.60 | 0 | 21.75 | 21.77 | 21.80 | 1 | 20.78 | 20.80 | 20.83 | 2 |
| | 1 | 12 | 22.41 | 22.35 | 22.41 | 0 | 21.58 | 21.64 | 21.61 | 1 | 20.50 | 20.56 | 20.52 | 2 |
| | 1 | 24 | 22.53 | 22.50 | 22.57 | 0 | 21.80 | 21.74 | 21.80 | 1 | 20.65 | 20.72 | 20.71 | 2 |
| | 12 | 0 | 21.49 | 21.48 | 21.48 | 1 | 20.39 | 20.41 | 20.39 | 2 | 19.39 | 19.38 | 19.35 | 3 |
| | 12 | 6 | 21.42 | 21.49 | 21.45 | 1 | 20.45 | 20.49 | 20.45 | 2 | 19.41 | 19.48 | 19.47 | 3 |
| | 12 | 13 | 21.44 | 21.43 | 21.47 | 1 | 20.43 | 20.45 | 20.48 | 2 | 19.47 | 19.46 | 19.43 | 3 |
| | 25 | 0 | 21.42 | 21.46 | 21.43 | 1 | 20.40 | 20.39 | 20.41 | 2 | 19.38 | 19.42 | 19.41 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | 3GPP MPR (dB) | 16QAM | 3GPP MPR (dB) | 64QAM | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|---------------|--------------|---------------|--------------|---------------|
| | | | Mid CH 27710 | | Mid CH 27710 | | Mid CH 27710 | |
| | | | 2310.0 MHz | | 2310.0 MHz | | 2310.0 MHz | |
| 30 / 10M | 1 | 0 | 22.65 | 0 | 21.82 | 1 | 20.85 | 2 |
| | 1 | 24 | 22.43 | 0 | 21.66 | 1 | 20.58 | 2 |
| | 1 | 49 | 22.58 | 0 | 21.82 | 1 | 20.73 | 2 |
| | 25 | 0 | 21.53 | 1 | 20.47 | 2 | 19.43 | 3 |
| | 25 | 12 | 21.50 | 1 | 20.51 | 2 | 19.49 | 3 |
| | 25 | 25 | 21.48 | 1 | 20.50 | 2 | 19.51 | 3 |
| | 50 | 0 | 21.48 | 1 | 20.46 | 2 | 19.44 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 37775 | Mid CH 38000 | High CH 38225 | | Low CH 37775 | Mid CH 38000 | High CH 38225 | | Low CH 37775 | Mid CH 38000 | High CH 38225 | |
| | | | 2572.5 MHz | 2595.0 MHz | 2617.5 MHz | | 2572.5 MHz | 2595.0 MHz | 2617.5 MHz | | 2572.5 MHz | 2595.0 MHz | 2617.5 MHz | |
| 38 / 5M | 1 | 0 | 21.93 | 21.87 | 22.02 | 0 | 20.92 | 20.95 | 21.10 | 1 | 19.54 | 19.58 | 19.77 | 2 |
| | 1 | 12 | 21.66 | 21.60 | 21.80 | 0 | 20.73 | 20.77 | 20.94 | 1 | 19.48 | 19.48 | 19.63 | 2 |
| | 1 | 24 | 21.93 | 21.90 | 22.11 | 0 | 21.08 | 21.05 | 21.27 | 1 | 19.74 | 19.78 | 20.00 | 2 |
| | 12 | 0 | 20.78 | 20.77 | 20.98 | 1 | 19.91 | 19.86 | 20.08 | 2 | 18.95 | 18.92 | 19.00 | 3 |
| | 12 | 6 | 20.76 | 20.81 | 20.91 | 1 | 19.82 | 19.89 | 20.01 | 2 | 18.75 | 18.80 | 18.98 | 3 |
| | 12 | 13 | 20.87 | 20.86 | 21.12 | 1 | 19.94 | 19.92 | 20.16 | 2 | 18.94 | 18.93 | 19.04 | 3 |
| | 25 | 0 | 20.91 | 20.91 | 21.06 | 1 | 19.88 | 19.82 | 19.98 | 2 | 18.88 | 18.85 | 19.08 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 37800 | Mid CH 38000 | High CH 38200 | | Low CH 37800 | Mid CH 38000 | High CH 38200 | | Low CH 37800 | Mid CH 38000 | High CH 38200 | |
| | | | 2575.0 MHz | 2595.0 MHz | 2615.0 MHz | | 2575.0 MHz | 2595.0 MHz | 2615.0 MHz | | 2575.0 MHz | 2595.0 MHz | 2615.0 MHz | |
| 38 / 10M | 1 | 0 | 21.90 | 21.90 | 22.02 | 0 | 20.92 | 20.92 | 21.06 | 1 | 19.53 | 19.59 | 19.74 | 2 |
| | 1 | 24 | 21.66 | 21.60 | 21.81 | 0 | 20.78 | 20.73 | 20.97 | 1 | 19.53 | 19.44 | 19.67 | 2 |
| | 1 | 49 | 21.90 | 21.94 | 22.07 | 0 | 21.08 | 21.06 | 21.24 | 1 | 19.80 | 19.72 | 19.97 | 2 |
| | 25 | 0 | 20.79 | 20.76 | 21.01 | 1 | 19.93 | 19.84 | 20.14 | 2 | 18.93 | 18.89 | 19.06 | 3 |
| | 25 | 12 | 20.82 | 20.75 | 20.91 | 1 | 19.86 | 19.83 | 20.06 | 2 | 18.82 | 18.79 | 18.92 | 3 |
| | 25 | 25 | 20.85 | 20.83 | 21.11 | 1 | 19.93 | 19.93 | 20.13 | 2 | 18.93 | 18.90 | 19.06 | 3 |
| | 50 | 0 | 20.96 | 20.91 | 21.03 | 1 | 19.92 | 19.81 | 20.02 | 2 | 18.93 | 18.81 | 19.09 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 37825 | Mid CH 38000 | High CH 38175 | | Low CH 37825 | Mid CH 38000 | High CH 38175 | | Low CH 37825 | Mid CH 38000 | High CH 38175 | |
| | | | 2577.5 MHz | 2595.0 MHz | 2612.5 MHz | | 2577.5 MHz | 2595.0 MHz | 2612.5 MHz | | 2577.5 MHz | 2595.0 MHz | 2612.5 MHz | |
| 38 / 15M | 1 | 0 | 21.97 | 21.90 | 21.99 | 0 | 20.96 | 20.99 | 21.06 | 1 | 19.55 | 19.60 | 19.75 | 2 |
| | 1 | 37 | 21.64 | 21.65 | 21.76 | 0 | 20.77 | 20.74 | 20.97 | 1 | 19.54 | 19.43 | 19.64 | 2 |
| | 1 | 74 | 21.96 | 21.97 | 22.08 | 0 | 21.04 | 21.11 | 21.26 | 1 | 19.76 | 19.71 | 20.00 | 2 |
| | 36 | 0 | 20.76 | 20.77 | 21.02 | 1 | 19.97 | 19.84 | 20.15 | 2 | 18.98 | 18.95 | 19.00 | 3 |
| | 36 | 19 | 20.83 | 20.80 | 20.91 | 1 | 19.80 | 19.87 | 20.02 | 2 | 18.76 | 18.73 | 18.94 | 3 |
| | 36 | 39 | 20.83 | 20.84 | 21.11 | 1 | 19.98 | 19.91 | 20.16 | 2 | 18.96 | 18.97 | 19.08 | 3 |
| | 75 | 0 | 20.96 | 20.89 | 21.08 | 1 | 19.93 | 19.84 | 19.95 | 2 | 18.92 | 18.79 | 19.10 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| | | | Low CH 37850 | Mid CH 38000 | High CH 38150 | | Low CH 37850 | Mid CH 38000 | High CH 38150 | | Low CH 37850 | Mid CH 38000 | High CH 38150 | |
| | | | 2580.0 MHz | 2595.0 MHz | 2610.0 MHz | | 2580.0 MHz | 2595.0 MHz | 2610.0 MHz | | 2580.0 MHz | 2595.0 MHz | 2610.0 MHz | |
| 38 / 20M | 1 | 0 | 21.98 | 21.94 | 22.07 | 0 | 20.99 | 21.00 | 21.12 | 1 | 19.61 | 19.63 | 19.79 | 2 |
| | 1 | 50 | 21.68 | 21.68 | 21.82 | 0 | 20.81 | 20.79 | 20.99 | 1 | 19.56 | 19.50 | 19.69 | 2 |
| | 1 | 99 | 21.98 | 21.98 | 22.12 | 0 | 21.10 | 21.13 | 21.29 | 1 | 19.82 | 19.79 | 20.02 | 2 |
| | 50 | 0 | 20.82 | 20.82 | 21.03 | 1 | 19.99 | 19.92 | 20.16 | 2 | 18.99 | 18.97 | 19.08 | 3 |
| | 50 | 25 | 20.84 | 20.82 | 20.96 | 1 | 19.88 | 19.91 | 20.07 | 2 | 18.83 | 18.81 | 19.00 | 3 |
| | 50 | 50 | 20.91 | 20.91 | 21.13 | 1 | 20.01 | 19.97 | 20.18 | 2 | 18.98 | 18.98 | 19.12 | 3 |
| | 100 | 0 | 20.97 | 20.93 | 21.11 | 1 | 19.94 | 19.89 | 20.03 | 2 | 18.94 | 18.87 | 19.11 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | | | 3GPP MPR (dB) | 16QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39675 | M-CH 40148 | M-CH 40620 | M-CH 41093 | H-CH 41565 | | L-CH 39675 | M-CH 40148 | M-CH 40620 | M-CH 41093 | H-CH 41565 | |
| | | | 2498.5 MHz | 2545.8 MHz | 2593.0 MHz | 2640.3 MHz | 2687.5 MHz | | 2498.5 MHz | 2545.8 MHz | 2593.0 MHz | 2640.3 MHz | 2687.5 MHz | |
| 41 / 5M | 1 | 0 | 22.13 | 22.10 | 22.30 | 22.17 | 22.13 | 0 | 21.18 | 21.24 | 21.44 | 21.18 | 21.27 | 1 |
| | 1 | 12 | 22.07 | 22.04 | 22.29 | 22.06 | 22.10 | 0 | 21.34 | 21.41 | 21.63 | 21.39 | 21.44 | 1 |
| | 1 | 24 | 21.40 | 21.40 | 21.66 | 21.38 | 21.41 | 0 | 20.86 | 20.86 | 21.13 | 20.89 | 20.91 | 1 |
| | 12 | 0 | 21.07 | 21.09 | 21.35 | 21.14 | 21.15 | 1 | 20.13 | 20.11 | 20.38 | 20.20 | 20.26 | 2 |
| | 12 | 6 | 21.08 | 21.16 | 21.31 | 21.15 | 21.08 | 1 | 20.04 | 20.14 | 20.31 | 20.11 | 20.14 | 2 |
| | 12 | 13 | 20.91 | 20.93 | 21.24 | 20.96 | 21.01 | 1 | 19.97 | 19.98 | 20.27 | 20.09 | 20.09 | 2 |
| | 25 | 0 | 21.02 | 21.05 | 21.25 | 21.03 | 21.08 | 1 | 20.11 | 20.08 | 20.29 | 20.10 | 20.17 | 2 |

| LTE Band / BW | RB Size | RB Offset | 64QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39675 | M-CH 40148 | M-CH 40620 | M-CH 41093 | H-CH 41565 | |
| | | | 2498.5 MHz | 2545.8 MHz | 2593.0 MHz | 2640.3 MHz | 2687.5 MHz | |
| 41 / 5M | 1 | 0 | 19.86 | 19.93 | 20.17 | 19.96 | 19.99 | 2 |
| | 1 | 12 | 19.72 | 19.75 | 19.95 | 19.85 | 19.75 | 2 |
| | 1 | 24 | 19.33 | 19.40 | 19.67 | 19.41 | 19.51 | 2 |
| | 12 | 0 | 19.15 | 19.15 | 19.28 | 19.20 | 19.21 | 3 |
| | 12 | 6 | 19.06 | 19.14 | 19.37 | 19.20 | 19.18 | 3 |
| | 12 | 13 | 19.00 | 19.02 | 19.18 | 19.04 | 19.06 | 3 |
| | 25 | 0 | 19.07 | 19.07 | 19.35 | 19.10 | 19.10 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | | | 3GPP MPR (dB) | 16QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39700 | M-CH 40160 | M-CH 40620 | M-CH 41080 | H-CH 41540 | | L-CH 39700 | M-CH 40160 | M-CH 40620 | M-CH 41080 | H-CH 41540 | |
| | | | 2501.0 MHz | 2547.0 MHz | 2593.0 MHz | 2639.0 MHz | 2685.0 MHz | | 2501.0 MHz | 2547.0 MHz | 2593.0 MHz | 2639.0 MHz | 2685.0 MHz | |
| 41 / 10M | 1 | 0 | 22.10 | 22.13 | 22.30 | 22.15 | 22.11 | 0 | 21.18 | 21.21 | 21.40 | 21.24 | 21.27 | 1 |
| | 1 | 24 | 22.07 | 22.04 | 22.30 | 22.02 | 22.15 | 0 | 21.39 | 21.37 | 21.66 | 21.38 | 21.43 | 1 |
| | 1 | 49 | 21.37 | 21.44 | 21.62 | 21.44 | 21.39 | 0 | 20.86 | 20.87 | 21.10 | 20.95 | 20.88 | 1 |
| | 25 | 0 | 21.08 | 21.08 | 21.38 | 21.10 | 21.19 | 1 | 20.15 | 20.09 | 20.44 | 20.16 | 20.22 | 2 |
| | 25 | 12 | 21.14 | 21.10 | 21.31 | 21.15 | 21.14 | 1 | 20.08 | 20.08 | 20.36 | 20.14 | 20.13 | 2 |
| | 25 | 25 | 20.89 | 20.90 | 21.23 | 21.02 | 21.02 | 1 | 19.96 | 19.99 | 20.24 | 20.08 | 20.04 | 2 |
| | 50 | 0 | 21.07 | 21.05 | 21.22 | 21.06 | 21.08 | 1 | 20.15 | 20.07 | 20.33 | 20.09 | 20.10 | 2 |

| LTE Band / BW | RB Size | RB Offset | 64QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39700 | M-CH 40160 | M-CH 40620 | M-CH 41080 | H-CH 41540 | |
| | | | 2501.0 MHz | 2547.0 MHz | 2593.0 MHz | 2639.0 MHz | 2685.0 MHz | |
| 41 / 10M | 1 | 0 | 19.85 | 19.94 | 20.14 | 19.99 | 20.02 | 2 |
| | 1 | 24 | 19.77 | 19.71 | 19.99 | 19.78 | 19.72 | 2 |
| | 1 | 49 | 19.39 | 19.34 | 19.64 | 19.44 | 19.46 | 2 |
| | 25 | 0 | 19.13 | 19.12 | 19.34 | 19.14 | 19.16 | 3 |
| | 25 | 12 | 19.13 | 19.13 | 19.31 | 19.22 | 19.20 | 3 |
| | 25 | 25 | 18.99 | 18.99 | 19.20 | 19.01 | 19.08 | 3 |
| | 50 | 0 | 19.12 | 19.03 | 19.36 | 19.16 | 19.12 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | | | 3GPP MPR (dB) | 16QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39725 | M-CH 40173 | M-CH 40620 | M-CH 41068 | H-CH 41515 | | L-CH 39725 | M-CH 40173 | M-CH 40620 | M-CH 41068 | H-CH 41515 | |
| | | | 2503.5 MHz | 2548.3 MHz | 2593.0 MHz | 2637.8 MHz | 2682.5 MHz | | 2503.5 MHz | 2548.3 MHz | 2593.0 MHz | 2637.8 MHz | 2682.5 MHz | |
| 41 / 15M | 1 | 0 | 22.17 | 22.13 | 22.27 | 22.20 | 22.13 | 0 | 21.22 | 21.28 | 21.40 | 21.19 | 21.30 | 1 |
| | 1 | 37 | 22.05 | 22.09 | 22.25 | 22.02 | 22.15 | 0 | 21.38 | 21.38 | 21.66 | 21.35 | 21.38 | 1 |
| | 1 | 74 | 21.43 | 21.47 | 21.63 | 21.40 | 21.41 | 0 | 20.82 | 20.92 | 21.12 | 20.95 | 20.92 | 1 |
| | 36 | 0 | 21.05 | 21.09 | 21.39 | 21.14 | 21.21 | 1 | 20.19 | 20.09 | 20.45 | 20.20 | 20.27 | 2 |
| | 36 | 19 | 21.15 | 21.15 | 21.31 | 21.20 | 21.09 | 1 | 20.02 | 20.12 | 20.32 | 20.11 | 20.14 | 2 |
| | 36 | 39 | 20.87 | 20.91 | 21.23 | 20.98 | 21.05 | 1 | 20.01 | 19.97 | 20.27 | 20.08 | 20.09 | 2 |
| | 75 | 0 | 21.07 | 21.03 | 21.27 | 21.08 | 21.05 | 1 | 20.16 | 20.10 | 20.26 | 20.07 | 20.12 | 2 |

| LTE Band / BW | RB Size | RB Offset | 64QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39725 | M-CH 40173 | M-CH 40620 | M-CH 41068 | H-CH 41515 | |
| | | | 2503.5 MHz | 2548.3 MHz | 2593.0 MHz | 2637.8 MHz | 2682.5 MHz | |
| 41 / 15M | 1 | 0 | 19.87 | 19.95 | 20.15 | 19.98 | 20.03 | 2 |
| | 1 | 37 | 19.78 | 19.70 | 19.96 | 19.85 | 19.72 | 2 |
| | 1 | 74 | 19.35 | 19.33 | 19.67 | 19.40 | 19.51 | 2 |
| | 36 | 0 | 19.18 | 19.18 | 19.28 | 19.19 | 19.20 | 3 |
| | 36 | 19 | 19.07 | 19.07 | 19.33 | 19.24 | 19.19 | 3 |
| | 36 | 39 | 19.02 | 19.06 | 19.22 | 19.01 | 19.08 | 3 |
| | 75 | 0 | 19.11 | 19.01 | 19.37 | 19.16 | 19.15 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | | | 3GPP MPR (dB) | 16QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39750 | M-CH 40185 | M-CH 40620 | M-CH 41055 | H-CH 41490 | | L-CH 39750 | M-CH 40185 | M-CH 40620 | M-CH 41055 | H-CH 41490 | |
| | | | 2506.0 MHz | 2549.5 MHz | 2593.0 MHz | 2636.5 MHz | 2680.0 MHz | | 2506.0 MHz | 2549.5 MHz | 2593.0 MHz | 2636.5 MHz | 2680.0 MHz | |
| 41 / 20M | 1 | 0 | 22.18 | 22.17 | 22.35 | 22.22 | 22.19 | 0 | 21.25 | 21.29 | 21.46 | 21.26 | 21.32 | 1 |
| | 1 | 50 | 22.09 | 22.12 | 22.31 | 22.10 | 22.17 | 0 | 21.42 | 21.43 | 21.68 | 21.43 | 21.45 | 1 |
| | 1 | 99 | 21.45 | 21.48 | 21.67 | 21.46 | 21.47 | 0 | 20.88 | 20.94 | 21.15 | 20.97 | 20.96 | 1 |
| | 50 | 0 | 21.11 | 21.14 | 21.40 | 21.18 | 21.22 | 1 | 20.21 | 20.17 | 20.46 | 20.24 | 20.28 | 2 |
| | 50 | 25 | 21.16 | 21.17 | 21.36 | 21.21 | 21.16 | 1 | 20.10 | 20.16 | 20.37 | 20.17 | 20.19 | 2 |
| | 50 | 50 | 20.95 | 20.98 | 21.25 | 21.03 | 21.07 | 1 | 20.04 | 20.03 | 20.29 | 20.10 | 20.11 | 2 |
| | 100 | 0 | 21.08 | 21.07 | 21.30 | 21.11 | 21.10 | 1 | 20.17 | 20.15 | 20.34 | 20.15 | 20.18 | 2 |

| LTE Band / BW | RB Size | RB Offset | 64QAM | | | | | 3GPP MPR (dB) |
|---------------|---------|-----------|------------|------------|------------|------------|------------|---------------|
| | | | L-CH 39750 | M-CH 40185 | M-CH 40620 | M-CH 41055 | H-CH 41490 | |
| | | | 2506.0 MHz | 2549.5 MHz | 2593.0 MHz | 2636.5 MHz | 2680.0 MHz | |
| 41 / 20M | 1 | 0 | 19.93 | 19.98 | 20.19 | 20.01 | 20.04 | 2 |
| | 1 | 50 | 19.80 | 19.77 | 20.01 | 19.86 | 19.80 | 2 |
| | 1 | 99 | 19.41 | 19.41 | 19.69 | 19.46 | 19.52 | 2 |
| | 50 | 0 | 19.19 | 19.20 | 19.36 | 19.22 | 19.23 | 3 |
| | 50 | 25 | 19.14 | 19.15 | 19.39 | 19.25 | 19.23 | 3 |
| | 50 | 50 | 19.04 | 19.07 | 19.26 | 19.06 | 19.10 | 3 |
| | 100 | 0 | 19.13 | 19.09 | 19.38 | 19.18 | 19.18 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | | Low CH 131979 | Mid CH 132322 | High CH 132665 | | Low CH 131979 | Mid CH 132322 | High CH 132665 | | Low CH 131979 | Mid CH 132322 | High CH 132665 | |
| | | | 1710.7 MHz | 1745.0 MHz | 1779.3 MHz | | 1710.7 MHz | 1745.0 MHz | 1779.3 MHz | | 1710.7 MHz | 1745.0 MHz | 1779.3 MHz | |
| 66 / 1.4M | 1 | 0 | 20.24 | 20.34 | 20.28 | 0 | 19.54 | 19.63 | 19.59 | 1 | 18.35 | 18.49 | 18.50 | 2 |
| | 1 | 2 | 20.64 | 20.71 | 20.71 | 0 | 19.69 | 19.71 | 19.79 | 1 | 18.27 | 18.37 | 18.35 | 2 |
| | 1 | 5 | 20.40 | 20.45 | 20.43 | 0 | 19.65 | 19.75 | 19.80 | 1 | 18.72 | 18.73 | 18.84 | 2 |
| | 3 | 0 | 20.29 | 20.41 | 20.46 | 0 | 19.02 | 19.04 | 19.10 | 1 | 18.24 | 18.34 | 18.25 | 2 |
| | 3 | 1 | 20.33 | 20.40 | 20.30 | 0 | 19.26 | 19.46 | 19.40 | 1 | 18.24 | 18.36 | 18.33 | 2 |
| | 3 | 3 | 20.27 | 20.34 | 20.40 | 0 | 19.37 | 19.42 | 19.49 | 1 | 18.33 | 18.40 | 18.43 | 2 |
| 6 | 0 | 19.37 | 19.38 | 19.42 | 1 | 18.32 | 18.41 | 18.34 | 2 | 17.33 | 17.35 | 17.41 | 3 | |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | | Low CH 131987 | Mid CH 132322 | High CH 132657 | | Low CH 131987 | Mid CH 132322 | High CH 132657 | | Low CH 131987 | Mid CH 132322 | High CH 132657 | |
| | | | 1711.5 MHz | 1745.0 MHz | 1778.5 MHz | | 1711.5 MHz | 1745.0 MHz | 1778.5 MHz | | 1711.5 MHz | 1745.0 MHz | 1778.5 MHz | |
| 66 / 3M | 1 | 0 | 20.26 | 20.36 | 20.27 | 0 | 19.51 | 19.69 | 19.62 | 1 | 18.41 | 18.52 | 18.44 | 2 |
| | 1 | 7 | 20.60 | 20.72 | 20.71 | 0 | 19.66 | 19.74 | 19.77 | 1 | 18.30 | 18.31 | 18.34 | 2 |
| | 1 | 14 | 20.36 | 20.45 | 20.43 | 0 | 19.68 | 19.75 | 19.80 | 1 | 18.73 | 18.75 | 18.84 | 2 |
| | 8 | 0 | 19.28 | 19.44 | 19.46 | 1 | 17.98 | 18.05 | 18.10 | 2 | 17.27 | 17.38 | 17.26 | 3 |
| | 8 | 3 | 19.26 | 19.40 | 19.32 | 1 | 18.31 | 18.41 | 18.43 | 2 | 17.28 | 17.30 | 17.38 | 3 |
| | 8 | 7 | 19.24 | 19.41 | 19.44 | 1 | 18.39 | 18.40 | 18.45 | 2 | 17.30 | 17.44 | 17.39 | 3 |
| 15 | 0 | 19.34 | 19.39 | 19.36 | 1 | 18.32 | 18.35 | 18.37 | 2 | 17.35 | 17.32 | 17.45 | 3 | |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | | Low CH 131997 | Mid CH 132322 | High CH 132647 | | Low CH 131997 | Mid CH 132322 | High CH 132647 | | Low CH 131997 | Mid CH 132322 | High CH 132647 | |
| | | | 1712.5 MHz | 1745.0 MHz | 1777.5 MHz | | 1712.5 MHz | 1745.0 MHz | 1777.5 MHz | | 1712.5 MHz | 1745.0 MHz | 1777.5 MHz | |
| 66 / 5M | 1 | 0 | 20.27 | 20.31 | 20.28 | 0 | 19.52 | 19.65 | 19.62 | 1 | 18.35 | 18.49 | 18.50 | 2 |
| | 1 | 12 | 20.65 | 20.69 | 20.71 | 0 | 19.63 | 19.77 | 19.76 | 1 | 18.27 | 18.37 | 18.34 | 2 |
| | 1 | 24 | 20.37 | 20.44 | 20.47 | 0 | 19.68 | 19.75 | 19.79 | 1 | 18.66 | 18.80 | 18.84 | 2 |
| | 12 | 0 | 19.31 | 19.44 | 19.43 | 1 | 17.98 | 18.03 | 18.07 | 2 | 17.28 | 17.35 | 17.25 | 3 |
| | 12 | 6 | 19.26 | 19.41 | 19.33 | 1 | 18.28 | 18.45 | 18.39 | 2 | 17.22 | 17.37 | 17.37 | 3 |
| | 12 | 13 | 19.28 | 19.37 | 19.45 | 1 | 18.34 | 18.42 | 18.48 | 2 | 17.34 | 17.43 | 17.36 | 3 |
| 25 | 0 | 19.32 | 19.42 | 19.39 | 1 | 18.32 | 18.36 | 18.34 | 2 | 17.31 | 17.38 | 17.43 | 3 | |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | | Low CH 132022 | Mid CH 132322 | High CH 132622 | | Low CH 132022 | Mid CH 132322 | High CH 132622 | | Low CH 132022 | Mid CH 132322 | High CH 132622 | |
| | | | 1715.0 MHz | 1745.0 MHz | 1775.0 MHz | | 1715.0 MHz | 1745.0 MHz | 1775.0 MHz | | 1715.0 MHz | 1745.0 MHz | 1775.0 MHz | |
| 66 / 10M | 1 | 0 | 20.24 | 20.34 | 20.28 | 0 | 19.52 | 19.62 | 19.58 | 1 | 18.34 | 18.50 | 18.47 | 2 |
| | 1 | 24 | 20.65 | 20.69 | 20.72 | 0 | 19.68 | 19.73 | 19.79 | 1 | 18.32 | 18.33 | 18.38 | 2 |
| | 1 | 49 | 20.34 | 20.48 | 20.43 | 0 | 19.68 | 19.76 | 19.76 | 1 | 18.72 | 18.74 | 18.81 | 2 |
| | 25 | 0 | 19.32 | 19.43 | 19.46 | 1 | 18.00 | 18.01 | 18.13 | 2 | 17.26 | 17.32 | 17.31 | 3 |
| | 25 | 12 | 19.32 | 19.35 | 19.33 | 1 | 18.32 | 18.39 | 18.44 | 2 | 17.29 | 17.36 | 17.31 | 3 |
| | 25 | 25 | 19.26 | 19.34 | 19.44 | 1 | 18.33 | 18.43 | 18.45 | 2 | 17.33 | 17.40 | 17.38 | 3 |
| 50 | 0 | 19.37 | 19.42 | 19.36 | 1 | 18.36 | 18.35 | 18.38 | 2 | 17.36 | 17.34 | 17.44 | 3 | |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | | Low CH 132047 | Mid CH 132322 | High CH 132597 | | Low CH 132047 | Mid CH 132322 | High CH 132597 | | Low CH 132047 | Mid CH 132322 | High CH 132597 | |
| | | | 1717.5 MHz | 1745.0 MHz | 1772.5 MHz | | 1717.5 MHz | 1745.0 MHz | 1772.5 MHz | | 1717.5 MHz | 1745.0 MHz | 1772.5 MHz | |
| 66 / 15M | 1 | 0 | 20.31 | 20.34 | 20.25 | 0 | 19.56 | 19.69 | 19.58 | 1 | 18.36 | 18.51 | 18.48 | 2 |
| | 1 | 37 | 20.63 | 20.74 | 20.67 | 0 | 19.67 | 19.74 | 19.79 | 1 | 18.33 | 18.32 | 18.35 | 2 |
| | 1 | 74 | 20.40 | 20.51 | 20.44 | 0 | 19.64 | 19.81 | 19.78 | 1 | 18.68 | 18.73 | 18.84 | 2 |
| | 36 | 0 | 19.29 | 19.44 | 19.47 | 1 | 18.04 | 18.01 | 18.14 | 2 | 17.31 | 17.38 | 17.25 | 3 |
| | 36 | 19 | 19.33 | 19.40 | 19.33 | 1 | 18.26 | 18.43 | 18.40 | 2 | 17.23 | 17.30 | 17.33 | 3 |
| | 36 | 39 | 19.24 | 19.35 | 19.44 | 1 | 18.38 | 18.41 | 18.48 | 2 | 17.36 | 17.47 | 17.40 | 3 |
| | 75 | 0 | 19.37 | 19.40 | 19.41 | 1 | 18.37 | 18.38 | 18.31 | 2 | 17.35 | 17.32 | 17.45 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | | Low CH 132072 | Mid CH 132322 | High CH 132572 | | Low CH 132072 | Mid CH 132322 | High CH 132572 | | Low CH 132072 | Mid CH 132322 | High CH 132572 | |
| | | | 1720.0 MHz | 1745.0 MHz | 1770.0 MHz | | 1720.0 MHz | 1745.0 MHz | 1770.0 MHz | | 1720.0 MHz | 1745.0 MHz | 1770.0 MHz | |
| 66 / 20M | 1 | 0 | 20.32 | 20.38 | 20.33 | 0 | 19.59 | 19.70 | 19.64 | 1 | 18.42 | 18.54 | 18.52 | 2 |
| | 1 | 50 | 20.67 | 20.77 | 20.73 | 0 | 19.71 | 19.79 | 19.81 | 1 | 18.35 | 18.39 | 18.40 | 2 |
| | 1 | 99 | 20.42 | 20.52 | 20.48 | 0 | 19.70 | 19.83 | 19.81 | 1 | 18.74 | 18.81 | 18.86 | 2 |
| | 50 | 0 | 19.35 | 19.49 | 19.48 | 1 | 18.06 | 18.09 | 18.15 | 2 | 17.32 | 17.40 | 17.33 | 3 |
| | 50 | 25 | 19.34 | 19.42 | 19.38 | 1 | 18.34 | 18.47 | 18.45 | 2 | 17.30 | 17.38 | 17.39 | 3 |
| | 50 | 50 | 19.32 | 19.42 | 19.46 | 1 | 18.41 | 18.47 | 18.50 | 2 | 17.38 | 17.48 | 17.44 | 3 |
| | 100 | 0 | 19.38 | 19.44 | 19.44 | 1 | 18.38 | 18.43 | 18.39 | 2 | 17.37 | 17.40 | 17.46 | 3 |

FCC SAR Test Report

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|---------------|
| | | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | |
| | | | 133147 | 133247 | 133447 | | 133147 | 133247 | 133447 | | 133147 | 133247 | 133447 | |
| | | | 665.5 MHz | 675.5 MHz | 695.5 MHz | | 665.5 MHz | 675.5 MHz | 695.5 MHz | | 665.5 MHz | 675.5 MHz | 695.5 MHz | |
| 71 / 5M | 1 | 0 | 21.25 | 21.19 | 21.14 | 0 | 20.17 | 20.25 | 19.99 | 1 | 19.69 | 19.79 | 19.61 | 2 |
| | 1 | 12 | 21.68 | 21.66 | 21.47 | 0 | 20.87 | 20.93 | 20.77 | 1 | 19.81 | 19.88 | 19.60 | 2 |
| | 1 | 24 | 21.57 | 21.58 | 21.40 | 0 | 20.86 | 20.90 | 20.75 | 1 | 19.70 | 19.75 | 19.67 | 2 |
| | 12 | 0 | 20.50 | 20.53 | 20.42 | 0 | 19.70 | 19.62 | 19.55 | 1 | 18.82 | 18.81 | 18.47 | 2 |
| | 12 | 6 | 20.45 | 20.52 | 20.23 | 0 | 19.43 | 19.57 | 19.32 | 1 | 18.72 | 18.79 | 18.63 | 2 |
| | 12 | 13 | 20.37 | 20.40 | 20.35 | 0 | 19.56 | 19.54 | 19.46 | 1 | 18.81 | 18.84 | 18.56 | 2 |
| | 25 | 0 | 20.52 | 20.57 | 20.32 | 1 | 19.47 | 19.40 | 19.17 | 2 | 18.81 | 18.75 | 18.69 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------|---------|---------|---------------|---------|---------|---------|---------------|---------|---------|---------|---------------|
| | | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | |
| | | | 133172 | 133272 | 133422 | | 133172 | 133272 | 133422 | | 133172 | 133272 | 133422 | |
| | | | 668 MHz | 678 MHz | 693 MHz | | 668 MHz | 678 MHz | 693 MHz | | 668 MHz | 678 MHz | 693 MHz | |
| 71 / 10M | 1 | 0 | 21.22 | 21.22 | 21.14 | 0 | 20.17 | 20.22 | 19.95 | 1 | 19.68 | 19.80 | 19.58 | 2 |
| | 1 | 24 | 21.68 | 21.66 | 21.48 | 0 | 20.92 | 20.89 | 20.80 | 1 | 19.86 | 19.84 | 19.64 | 2 |
| | 1 | 49 | 21.54 | 21.62 | 21.36 | 0 | 20.86 | 20.91 | 20.72 | 1 | 19.76 | 19.69 | 19.64 | 2 |
| | 25 | 0 | 20.51 | 20.52 | 20.45 | 1 | 19.72 | 19.60 | 19.61 | 2 | 18.80 | 18.78 | 18.53 | 3 |
| | 25 | 12 | 20.51 | 20.46 | 20.23 | 1 | 19.47 | 19.51 | 19.37 | 2 | 18.79 | 18.78 | 18.57 | 3 |
| | 25 | 25 | 20.35 | 20.37 | 20.34 | 1 | 19.55 | 19.55 | 19.43 | 2 | 18.80 | 18.81 | 18.58 | 3 |
| | 50 | 0 | 20.57 | 20.57 | 20.29 | 1 | 19.51 | 19.39 | 19.21 | 2 | 18.86 | 18.71 | 18.70 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|---------------|
| | | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | |
| | | | 133197 | 133297 | 133397 | | 133197 | 133297 | 133397 | | 133197 | 133297 | 133397 | |
| | | | 670.5 MHz | 680.5 MHz | 690.5 MHz | | 670.5 MHz | 680.5 MHz | 690.5 MHz | | 670.5 MHz | 680.5 MHz | 690.5 MHz | |
| 71 / 15M | 1 | 0 | 21.29 | 21.22 | 21.11 | 0 | 20.21 | 20.29 | 19.95 | 1 | 19.70 | 19.81 | 19.59 | 2 |
| | 1 | 37 | 21.66 | 21.71 | 21.43 | 0 | 20.91 | 20.90 | 20.80 | 1 | 19.87 | 19.83 | 19.61 | 2 |
| | 1 | 74 | 21.60 | 21.65 | 21.37 | 0 | 20.82 | 20.96 | 20.74 | 1 | 19.72 | 19.68 | 19.67 | 2 |
| | 36 | 0 | 20.48 | 20.53 | 20.46 | 1 | 19.76 | 19.60 | 19.62 | 2 | 18.85 | 18.84 | 18.47 | 3 |
| | 36 | 19 | 20.52 | 20.51 | 20.23 | 1 | 19.41 | 19.55 | 19.33 | 2 | 18.73 | 18.72 | 18.59 | 3 |
| | 36 | 39 | 20.33 | 20.38 | 20.34 | 1 | 19.60 | 19.53 | 19.46 | 2 | 18.83 | 18.88 | 18.60 | 3 |
| | 75 | 0 | 20.57 | 20.55 | 20.34 | 1 | 19.52 | 19.42 | 19.14 | 2 | 18.85 | 18.69 | 18.71 | 3 |

| LTE Band / BW | RB Size | RB Offset | QPSK | | | 3GPP MPR (dB) | 16QAM | | | 3GPP MPR (dB) | 64QAM | | | 3GPP MPR (dB) |
|---------------|---------|-----------|---------|--------------|---------|---------------|---------|---------|---------|---------------|---------|---------|---------|---------------|
| | | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | | Low CH | Mid CH | High CH | |
| | | | 133222 | 133322 | 133372 | | 133222 | 133322 | 133372 | | 133222 | 133322 | 133372 | |
| | | | 673 MHz | 683 MHz | 688 MHz | | 673 MHz | 683 MHz | 688 MHz | | 673 MHz | 683 MHz | 688 MHz | |
| 71 / 20M | 1 | 0 | 21.30 | 21.26 | 21.19 | 0 | 20.24 | 20.30 | 20.01 | 1 | 19.76 | 19.84 | 19.63 | 2 |
| | 1 | 50 | 21.70 | 21.74 | 21.49 | 0 | 20.95 | 20.95 | 20.82 | 1 | 19.89 | 19.90 | 19.66 | 2 |
| | 1 | 99 | 21.62 | 21.66 | 21.41 | 0 | 20.88 | 20.98 | 20.77 | 1 | 19.78 | 19.76 | 19.69 | 2 |
| | 50 | 0 | 20.54 | 20.58 | 20.47 | 1 | 19.78 | 19.68 | 19.63 | 2 | 18.86 | 18.86 | 18.55 | 3 |
| | 50 | 25 | 20.53 | 20.53 | 20.28 | 1 | 19.49 | 19.59 | 19.38 | 2 | 18.80 | 18.80 | 18.65 | 3 |
| | 50 | 50 | 20.41 | 20.45 | 20.36 | 1 | 19.63 | 19.59 | 19.48 | 2 | 18.85 | 18.89 | 18.64 | 3 |
| | 100 | 0 | 20.58 | 20.59 | 20.37 | 1 | 19.53 | 19.47 | 19.22 | 2 | 18.87 | 18.77 | 18.72 | 3 |

FCC SAR Test Report

<Power for LTE Uplink CA>

The conducted power for uplink CA active was measured on the highest reported SAR configuration for each exposure condition with both two carrier components was set to largest channel bandwidth.

| 7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 19.28 |
| | | | 1 | 99 | 1 | 0 | 21.45 |
| | | 16QAM | 1 | 0 | 0 | 0 | 18.73 |
| | | | 1 | 99 | 1 | 0 | 20.76 |
| | | 64QAM | 1 | 0 | 0 | 0 | 18.47 |
| | | | 1 | 99 | 1 | 0 | 19.79 |
| 21001 | 21199 | QPSK | 1 | 0 | 0 | 0 | 19.17 |
| | | | 1 | 99 | 1 | 0 | 21.07 |
| | | 16QAM | 1 | 0 | 0 | 0 | 18.52 |
| | | | 1 | 99 | 1 | 0 | 20.60 |
| | | 64QAM | 1 | 0 | 0 | 0 | 18.17 |
| | | | 1 | 99 | 1 | 0 | 19.51 |
| 21152 | 21350 | QPSK | 1 | 0 | 0 | 0 | 19.21 |
| | | | 1 | 99 | 1 | 0 | 21.64 |
| | | 16QAM | 1 | 0 | 0 | 0 | 18.52 |
| | | | 1 | 99 | 1 | 0 | 20.92 |
| | | 64QAM | 1 | 0 | 0 | 0 | 18.03 |
| | | | 1 | 99 | 1 | 0 | 19.87 |

FCC SAR Test Report

| 41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 20.03 |
| | | | 1 | 99 | 1 | 0 | 21.89 |
| | | 16QAM | 1 | 0 | 0 | 0 | 19.75 |
| | | | 1 | 99 | 1 | 0 | 21.06 |
| | | 64QAM | 1 | 0 | 0 | 0 | 19.37 |
| | | | 1 | 99 | 1 | 0 | 20.07 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 22.03 |
| | | | 1 | 99 | 1 | 0 | 10.89 |
| | | 16QAM | 1 | 0 | 0 | 0 | 21.10 |
| | | | 1 | 99 | 1 | 0 | 10.85 |
| | | 64QAM | 1 | 0 | 0 | 0 | 20.05 |
| | | | 1 | 99 | 1 | 0 | 10.74 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 21.10 |
| | | | 1 | 99 | 1 | 0 | 9.19 |
| | | 16QAM | 1 | 0 | 0 | 0 | 20.55 |
| | | | 1 | 99 | 1 | 0 | 8.79 |
| | | 64QAM | 1 | 0 | 0 | 0 | 20.11 |
| | | | 1 | 99 | 1 | 0 | 8.22 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 21.28 |
| | | | 1 | 99 | 1 | 0 | 9.98 |
| | | 16QAM | 1 | 0 | 0 | 0 | 21.09 |
| | | | 1 | 99 | 1 | 0 | 9.92 |
| | | 64QAM | 1 | 0 | 0 | 0 | 19.94 |
| | | | 1 | 99 | 1 | 0 | 9.87 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 20.39 |
| | | | 1 | 99 | 1 | 0 | 8.70 |
| | | 16QAM | 1 | 0 | 0 | 0 | 20.20 |
| | | | 1 | 99 | 1 | 0 | 8.45 |
| | | 64QAM | 1 | 0 | 0 | 0 | 19.67 |
| | | | 1 | 99 | 1 | 0 | 8.12 |