



| LTE Band 5 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 3 MHz | 1RB_14 | 847.5MHz | 23.99 | 22.73 | 21.48 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.48 | 22.49 | 21.63 | 25.0 | 24.0 | 23.0 |
| | | 825.5MHz | 23.59 | 22.83 | 21.71 | 25.0 | 24.0 | 23.0 |
| | 1RB_7 | 847.5MHz | 23.70 | 22.59 | 21.71 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.60 | 22.54 | 21.75 | 25.0 | 24.0 | 23.0 |
| | | 825.5MHz | 23.56 | 22.94 | 21.81 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 847.5MHz | 23.49 | 22.72 | 21.72 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.63 | 22.44 | 21.59 | 25.0 | 24.0 | 23.0 |
| | | 825.5MHz | 23.50 | 22.76 | 21.67 | 25.0 | 24.0 | 23.0 |
| | 8RB_7 | 847.5MHz | 22.57 | 21.63 | 20.54 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.59 | 21.62 | 20.61 | 24.0 | 23.0 | 22.0 |
| | | 825.5MHz | 22.60 | 21.65 | 20.69 | 24.0 | 23.0 | 22.0 |
| | 8RB_4 | 847.5MHz | 22.59 | 21.60 | 20.62 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.62 | 21.65 | 20.68 | 24.0 | 23.0 | 22.0 |
| | | 825.5MHz | 22.66 | 21.71 | 20.68 | 24.0 | 23.0 | 22.0 |
| | 8RB_0 | 847.5MHz | 22.54 | 21.62 | 20.61 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.56 | 21.56 | 20.66 | 24.0 | 23.0 | 22.0 |
| | | 825.5MHz | 22.60 | 21.63 | 20.58 | 24.0 | 23.0 | 22.0 |
| 15RB_0 | 847.5MHz | 22.55 | 21.54 | 20.54 | 24.0 | 23.0 | 22.0 | |
| | 836.5MHz | 22.61 | 21.59 | 20.60 | 24.0 | 23.0 | 22.0 | |
| | 825.5MHz | 22.59 | 21.62 | 20.65 | 24.0 | 23.0 | 22.0 | |



| LTE Band 5 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 846.5MHz | 23.92 | 22.72 | 21.73 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.45 | 22.70 | 21.68 | 25.0 | 24.0 | 23.0 |
| | | 826.5MHz | 23.54 | 22.47 | 21.78 | 25.0 | 24.0 | 23.0 |
| | 1RB_12 | 846.5MHz | 23.64 | 22.51 | 21.98 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.63 | 22.60 | 21.93 | 25.0 | 24.0 | 23.0 |
| | | 826.5MHz | 23.63 | 22.61 | 21.89 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 846.5MHz | 23.45 | 22.75 | 21.75 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.43 | 22.68 | 21.62 | 25.0 | 24.0 | 23.0 |
| | | 826.5MHz | 23.44 | 22.46 | 21.59 | 25.0 | 24.0 | 23.0 |
| | 12RB_13 | 846.5MHz | 22.58 | 21.54 | 20.56 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.58 | 21.58 | 20.59 | 24.0 | 23.0 | 22.0 |
| | | 826.5MHz | 22.65 | 21.62 | 20.66 | 24.0 | 23.0 | 22.0 |
| | 12RB_6 | 846.5MHz | 22.64 | 21.60 | 20.58 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.65 | 21.64 | 20.65 | 24.0 | 23.0 | 22.0 |
| | | 826.5MHz | 22.67 | 21.64 | 20.66 | 24.0 | 23.0 | 22.0 |
| | 12RB_0 | 846.5MHz | 22.62 | 21.58 | 20.58 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.60 | 21.57 | 20.58 | 24.0 | 23.0 | 22.0 |
| | | 826.5MHz | 22.61 | 21.60 | 20.58 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 846.5MHz | 22.57 | 21.53 | 20.77 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.63 | 21.60 | 20.59 | 24.0 | 23.0 | 22.0 |
| | | 826.5MHz | 22.59 | 21.60 | 20.59 | 24.0 | 23.0 | 22.0 |

| LTE Band 5 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|-------------|-------------|-------------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 844.0MHz | 23.55 | 22.89 | 21.76 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.65 | 22.92 | 21.70 | 25.0 | 24.0 | 23.0 |
| | | 829.0MHz | 23.61 | 22.86 | 21.76 | 25.0 | 24.0 | 23.0 |
| | 1RB_24 | 844.0MHz | 23.61 | 23.00 | 21.88 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.70 | 22.91 | 21.79 | 25.0 | 24.0 | 23.0 |
| | | 829.0MHz | 23.69 | 23.05 | 21.91 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 844.0MHz | 23.50 | 22.83 | 21.72 | 25.0 | 24.0 | 23.0 |
| | | 836.5MHz | 23.52 | 22.86 | 21.81 | 25.0 | 24.0 | 23.0 |
| | | 829.0MHz | 23.58 | 22.83 | 21.61 | 25.0 | 24.0 | 23.0 |
| | 25RB_25 | 844.0MHz | 22.61 | 21.64 | 20.64 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.68 | 21.67 | 20.67 | 24.0 | 23.0 | 22.0 |
| | | 829.0MHz | 22.68 | 21.67 | 20.71 | 24.0 | 23.0 | 22.0 |
| | 25RB_12 | 844.0MHz | 22.65 | 21.65 | 20.66 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.68 | 21.64 | 20.62 | 24.0 | 23.0 | 22.0 |
| | | 829.0MHz | 22.69 | 21.69 | 20.70 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 844.0MHz | 22.65 | 21.68 | 20.66 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.71 | 21.65 | 20.69 | 24.0 | 23.0 | 22.0 |
| | | 829.0MHz | 22.69 | 21.65 | 20.66 | 24.0 | 23.0 | 22.0 |
| | 50RB_0 | 844.0MHz | 22.64 | 21.68 | 20.65 | 24.0 | 23.0 | 22.0 |
| | | 836.5MHz | 22.71 | 21.67 | 20.63 | 24.0 | 23.0 | 22.0 |
| | | 829.0MHz | 22.67 | 21.64 | 20.67 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 2567.4MHz | 22.92 | 21.79 | 20.69 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.95 | 21.75 | 20.79 | 24.5 | 23.5 | 22.5 |
| | | 2502.5MHz | 22.66 | 22.20 | 20.76 | 24.5 | 23.5 | 22.5 |
| | 1RB_12 | 2567.4MHz | 22.91 | 21.78 | 20.89 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 23.06 | 22.27 | 21.05 | 24.5 | 23.5 | 22.5 |
| | | 2502.5MHz | 22.84 | 22.05 | 20.98 | 24.5 | 23.5 | 22.5 |
| | 1RB_0 | 2567.4MHz | 22.96 | 21.78 | 20.75 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.75 | 21.76 | 20.76 | 24.5 | 23.5 | 22.5 |
| | | 2502.5MHz | 22.61 | 22.18 | 20.78 | 24.5 | 23.5 | 22.5 |
| | 12RB_13 | 2567.4MHz | 22.12 | 20.65 | 19.71 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.84 | 20.80 | 19.69 | 23.5 | 22.5 | 21.5 |
| | | 2502.5MHz | 21.83 | 20.63 | 19.74 | 23.5 | 22.5 | 21.5 |
| | 12RB_6 | 2567.4MHz | 22.17 | 20.71 | 19.74 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.90 | 20.92 | 19.72 | 23.5 | 22.5 | 21.5 |
| | | 2502.5MHz | 21.66 | 20.84 | 19.75 | 23.5 | 22.5 | 21.5 |
| | 12RB_0 | 2567.4MHz | 22.10 | 20.73 | 19.71 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.76 | 20.97 | 19.63 | 23.5 | 22.5 | 21.5 |
| | | 2502.5MHz | 21.62 | 20.87 | 19.68 | 23.5 | 22.5 | 21.5 |
| | 25RB_0 | 2567.4MHz | 22.02 | 20.67 | 19.67 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.83 | 20.95 | 19.60 | 23.5 | 22.5 | 21.5 |
| | | 2502.5MHz | 21.66 | 20.92 | 19.95 | 23.5 | 22.5 | 21.5 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 2565.0MHz | 23.15 | 22.02 | 21.22 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 23.11 | 22.12 | 20.84 | 24.5 | 23.5 | 22.5 |
| | | 2505.0MHz | 23.16 | 22.34 | 20.77 | 24.5 | 23.5 | 22.5 |
| | 1RB_24 | 2565.0MHz | 23.01 | 22.30 | 21.01 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 23.02 | 22.36 | 20.85 | 24.5 | 23.5 | 22.5 |
| | | 2505.0MHz | 22.89 | 22.42 | 20.81 | 24.5 | 23.5 | 22.5 |
| | 1RB_0 | 2565.0MHz | 23.05 | 22.01 | 20.82 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 23.02 | 22.16 | 20.77 | 24.5 | 23.5 | 22.5 |
| | | 2505.0MHz | 22.59 | 21.88 | 20.73 | 24.5 | 23.5 | 22.5 |
| | 25RB_25 | 2565.0MHz | 22.19 | 20.76 | 19.71 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.21 | 21.28 | 19.74 | 23.5 | 22.5 | 21.5 |
| | | 2505.0MHz | 21.74 | 20.95 | 19.75 | 23.5 | 22.5 | 21.5 |
| | 25RB_12 | 2565.0MHz | 22.13 | 20.81 | 19.77 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.16 | 21.18 | 19.71 | 23.5 | 22.5 | 21.5 |
| | | 2505.0MHz | 21.93 | 21.19 | 19.74 | 23.5 | 22.5 | 21.5 |
| | 25RB_0 | 2565.0MHz | 22.09 | 20.75 | 19.74 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.12 | 21.16 | 19.67 | 23.5 | 22.5 | 21.5 |
| | | 2505.0MHz | 21.81 | 21.17 | 19.70 | 23.5 | 22.5 | 21.5 |
| | 50RB_0 | 2565.0MHz | 22.14 | 20.76 | 19.80 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.19 | 21.18 | 19.64 | 23.5 | 22.5 | 21.5 |
| | | 2505.0MHz | 21.68 | 21.05 | 19.71 | 23.5 | 22.5 | 21.5 |

| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 MHz | 1RB_74 | 2562.5MHz | 23.08 | 21.95 | 21.43 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 23.05 | 22.01 | 20.87 | 24.5 | 23.5 | 22.5 |
| | | 2507.5MHz | 23.08 | 22.35 | 20.87 | 24.5 | 23.5 | 22.5 |
| | 1RB_37 | 2562.5MHz | 22.95 | 22.11 | 21.46 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.96 | 22.32 | 20.89 | 24.5 | 23.5 | 22.5 |
| | | 2507.5MHz | 22.96 | 22.39 | 20.94 | 24.5 | 23.5 | 22.5 |
| | 1RB_0 | 2562.5MHz | 23.00 | 21.75 | 21.05 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.93 | 22.11 | 20.73 | 24.5 | 23.5 | 22.5 |
| | | 2507.5MHz | 22.63 | 22.07 | 20.78 | 24.5 | 23.5 | 22.5 |
| | 36RB_38 | 2562.5MHz | 22.22 | 21.18 | 19.84 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.23 | 21.23 | 19.72 | 23.5 | 22.5 | 21.5 |
| | | 2507.5MHz | 22.00 | 21.13 | 19.75 | 23.5 | 22.5 | 21.5 |
| | 36RB_19 | 2562.5MHz | 22.25 | 22.07 | 19.73 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.21 | 21.23 | 19.70 | 23.5 | 22.5 | 21.5 |
| | | 2507.5MHz | 22.22 | 21.22 | 19.77 | 23.5 | 22.5 | 21.5 |
| | 36RB_0 | 2562.5MHz | 22.20 | 21.19 | 19.70 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.09 | 21.11 | 19.65 | 23.5 | 22.5 | 21.5 |
| | | 2507.5MHz | 22.18 | 21.13 | 19.70 | 23.5 | 22.5 | 21.5 |
| | 75RB_0 | 2562.5MHz | 22.25 | 21.17 | 19.76 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.18 | 21.17 | 19.69 | 23.5 | 22.5 | 21.5 |
| | | 2507.5MHz | 21.92 | 21.19 | 19.69 | 23.5 | 22.5 | 21.5 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|-------------|-------------|-------------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 MHz | 1RB_99 | 2560.0MHz | 22.69 | 21.97 | 20.56 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.71 | 22.01 | 20.65 | 24.5 | 23.5 | 22.5 |
| | | 2510.0MHz | 22.73 | 21.99 | 20.78 | 24.5 | 23.5 | 22.5 |
| | 1RB_50 | 2560.0MHz | 23.01 | 22.27 | 20.84 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.94 | 22.21 | 20.86 | 24.5 | 23.5 | 22.5 |
| | | 2510.0MHz | 23.02 | 22.26 | 20.91 | 24.5 | 23.5 | 22.5 |
| | 1RB_0 | 2560.0MHz | 22.58 | 21.75 | 20.67 | 24.5 | 23.5 | 22.5 |
| | | 2535.0MHz | 22.59 | 21.89 | 20.72 | 24.5 | 23.5 | 22.5 |
| | | 2510.0MHz | 22.66 | 21.75 | 20.83 | 24.5 | 23.5 | 22.5 |
| | 50RB_50 | 2560.0MHz | 22.02 | 21.08 | 19.71 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 22.02 | 21.05 | 19.93 | 23.5 | 22.5 | 21.5 |
| | | 2510.0MHz | 22.09 | 20.99 | 20.01 | 23.5 | 22.5 | 21.5 |
| | 50RB_25 | 2560.0MHz | 22.04 | 21.05 | 19.55 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.99 | 21.00 | 19.97 | 23.5 | 22.5 | 21.5 |
| | | 2510.0MHz | 22.07 | 21.03 | 20.05 | 23.5 | 22.5 | 21.5 |
| | 50RB_0 | 2560.0MHz | 21.96 | 21.02 | 19.54 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.87 | 20.86 | 19.79 | 23.5 | 22.5 | 21.5 |
| | | 2510.0MHz | 21.91 | 20.89 | 19.87 | 23.5 | 22.5 | 21.5 |
| | 100RB_0 | 2560.0MHz | 22.02 | 21.04 | 19.62 | 23.5 | 22.5 | 21.5 |
| | | 2535.0MHz | 21.90 | 20.92 | 19.89 | 23.5 | 22.5 | 21.5 |
| | | 2510.0MHz | 22.05 | 20.96 | 19.99 | 23.5 | 22.5 | 21.5 |



| Sensor on | | | | | | | | |
|-------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 2567.4MHz | 19.16 | 18.27 | 17.76 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.03 | 18.24 | 17.34 | 20.5 | 19.5 | 18.5 |
| | | 2502.5MHz | 19.17 | 18.31 | 17.88 | 20.5 | 19.5 | 18.5 |
| | 1RB_12 | 2567.4MHz | 19.16 | 18.50 | 17.95 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.07 | 18.51 | 17.20 | 20.5 | 19.5 | 18.5 |
| | | 2502.5MHz | 19.15 | 18.55 | 17.89 | 20.5 | 19.5 | 18.5 |
| | 1RB_0 | 2567.4MHz | 19.05 | 18.31 | 17.76 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.18 | 18.36 | 17.65 | 20.5 | 19.5 | 18.5 |
| | | 2502.5MHz | 19.22 | 18.38 | 17.86 | 20.5 | 19.5 | 18.5 |
| | 12RB_13 | 2567.4MHz | 18.06 | 17.16 | 16.03 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.08 | 17.13 | 16.16 | 19.5 | 18.5 | 17.5 |
| | | 2502.5MHz | 18.21 | 17.02 | 16.29 | 19.5 | 18.5 | 17.5 |
| | 12RB_6 | 2567.4MHz | 18.10 | 17.23 | 16.21 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.13 | 17.04 | 16.23 | 19.5 | 18.5 | 17.5 |
| | | 2502.5MHz | 18.20 | 17.08 | 16.38 | 19.5 | 18.5 | 17.5 |
| | 12RB_0 | 2567.4MHz | 18.05 | 17.07 | 16.13 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.30 | 17.90 | 16.13 | 19.5 | 18.5 | 17.5 |
| | | 2502.5MHz | 18.14 | 17.11 | 16.32 | 19.5 | 18.5 | 17.5 |
| | 25RB_0 | 2567.4MHz | 18.05 | 17.08 | 16.08 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.05 | 17.12 | 16.19 | 19.5 | 18.5 | 17.5 |
| | | 2502.5MHz | 18.32 | 17.14 | 16.29 | 19.5 | 18.5 | 17.5 |



| Sensor on | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 2565.0MHz | 19.60 | 18.53 | 17.40 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.17 | 18.58 | 17.35 | 20.5 | 19.5 | 18.5 |
| | | 2505.0MHz | 19.20 | 18.57 | 17.40 | 20.5 | 19.5 | 18.5 |
| | 1RB_24 | 2565.0MHz | 19.55 | 18.62 | 17.45 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.23 | 18.57 | 17.30 | 20.5 | 19.5 | 18.5 |
| | | 2505.0MHz | 19.30 | 18.62 | 17.52 | 20.5 | 19.5 | 18.5 |
| | 1RB_0 | 2565.0MHz | 19.05 | 18.46 | 17.39 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.07 | 18.47 | 17.21 | 20.5 | 19.5 | 18.5 |
| | | 2505.0MHz | 19.20 | 18.63 | 17.47 | 20.5 | 19.5 | 18.5 |
| | 25RB_25 | 2565.0MHz | 18.11 | 17.19 | 16.15 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.14 | 17.24 | 16.22 | 19.5 | 18.5 | 17.5 |
| | | 2505.0MHz | 18.26 | 17.33 | 16.35 | 19.5 | 18.5 | 17.5 |
| | 25RB_12 | 2565.0MHz | 18.13 | 17.21 | 16.16 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.10 | 17.22 | 16.22 | 19.5 | 18.5 | 17.5 |
| | | 2505.0MHz | 18.26 | 17.35 | 16.35 | 19.5 | 18.5 | 17.5 |
| | 25RB_0 | 2565.0MHz | 18.13 | 17.21 | 16.15 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.05 | 17.10 | 16.17 | 19.5 | 18.5 | 17.5 |
| | | 2505.0MHz | 18.25 | 17.23 | 16.24 | 19.5 | 18.5 | 17.5 |
| | 50RB_0 | 2565.0MHz | 18.11 | 17.49 | 16.12 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.11 | 17.18 | 16.30 | 19.5 | 18.5 | 17.5 |
| | | 2505.0MHz | 18.20 | 17.29 | 16.38 | 19.5 | 18.5 | 17.5 |



| Sensor on | | | | | | | | |
|-------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 MHz | 1RB_74 | 2562.5MHz | 19.50 | 18.66 | 17.27 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.06 | 18.53 | 17.22 | 20.5 | 19.5 | 18.5 |
| | | 2507.5MHz | 19.10 | 18.59 | 17.35 | 20.5 | 19.5 | 18.5 |
| | 1RB_37 | 2562.5MHz | 19.47 | 18.56 | 17.40 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.13 | 18.59 | 17.30 | 20.5 | 19.5 | 18.5 |
| | | 2507.5MHz | 19.26 | 18.68 | 17.51 | 20.5 | 19.5 | 18.5 |
| | 1RB_0 | 2562.5MHz | 19.37 | 18.45 | 17.30 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.15 | 18.42 | 17.29 | 20.5 | 19.5 | 18.5 |
| | | 2507.5MHz | 19.17 | 18.54 | 17.51 | 20.5 | 19.5 | 18.5 |
| | 36RB_38 | 2562.5MHz | 18.29 | 17.16 | 16.13 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.19 | 17.22 | 16.26 | 19.5 | 18.5 | 17.5 |
| | | 2507.5MHz | 18.23 | 17.29 | 16.32 | 19.5 | 18.5 | 17.5 |
| | 36RB_19 | 2562.5MHz | 18.14 | 17.16 | 16.17 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.13 | 17.19 | 16.24 | 19.5 | 18.5 | 17.5 |
| | | 2507.5MHz | 18.27 | 17.30 | 16.34 | 19.5 | 18.5 | 17.5 |
| | 36RB_0 | 2562.5MHz | 18.13 | 17.14 | 16.14 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.11 | 17.10 | 16.13 | 19.5 | 18.5 | 17.5 |
| | | 2507.5MHz | 18.17 | 17.26 | 16.22 | 19.5 | 18.5 | 17.5 |
| | 75RB_0 | 2562.5MHz | 18.08 | 17.18 | 16.10 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.14 | 17.18 | 16.50 | 19.5 | 18.5 | 17.5 |
| | | 2507.5MHz | 18.23 | 17.26 | 16.36 | 19.5 | 18.5 | 17.5 |



| Sensor on | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|-------------|-------------|-------------|
| LTE Band 7 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 MHz | 1RB_99 | 2560.0MHz | 19.17 | 18.12 | 17.05 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.14 | 18.19 | 17.19 | 20.5 | 19.5 | 18.5 |
| | | 2510.0MHz | 19.08 | 18.23 | 17.28 | 20.5 | 19.5 | 18.5 |
| | 1RB_50 | 2560.0MHz | 19.22 | 18.38 | 17.34 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.19 | 18.37 | 17.43 | 20.5 | 19.5 | 18.5 |
| | | 2510.0MHz | 19.02 | 18.47 | 17.55 | 20.5 | 19.5 | 18.5 |
| | 1RB_0 | 2560.0MHz | 19.09 | 18.04 | 17.19 | 20.5 | 19.5 | 18.5 |
| | | 2535.0MHz | 19.12 | 18.02 | 17.01 | 20.5 | 19.5 | 18.5 |
| | | 2510.0MHz | 19.06 | 18.36 | 17.23 | 20.5 | 19.5 | 18.5 |
| | 50RB_50 | 2560.0MHz | 18.09 | 17.01 | 16.19 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.11 | 17.08 | 16.25 | 19.5 | 18.5 | 17.5 |
| | | 2510.0MHz | 18.23 | 17.11 | 16.29 | 19.5 | 18.5 | 17.5 |
| | 50RB_25 | 2560.0MHz | 18.15 | 17.29 | 16.23 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.14 | 17.05 | 16.25 | 19.5 | 18.5 | 17.5 |
| | | 2510.0MHz | 18.26 | 17.19 | 16.41 | 19.5 | 18.5 | 17.5 |
| | 50RB_0 | 2560.0MHz | 18.14 | 17.00 | 16.18 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.11 | 17.16 | 16.33 | 19.5 | 18.5 | 17.5 |
| | | 2510.0MHz | 18.09 | 17.03 | 16.35 | 19.5 | 18.5 | 17.5 |
| | 100RB_0 | 2560.0MHz | 18.12 | 17.07 | 16.16 | 19.5 | 18.5 | 17.5 |
| | | 2535.0MHz | 18.15 | 17.02 | 16.67 | 19.5 | 18.5 | 17.5 |
| | | 2510.0MHz | 18.18 | 17.04 | 16.59 | 19.5 | 18.5 | 17.5 |



| LTE Band 12 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 1.4 MHz | 1RB_5 | 715.3MHz | 24.14 | 22.89 | 21.77 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.65 | 22.91 | 21.84 | 25.0 | 24.0 | 23.0 |
| | | 699.7MHz | 23.60 | 23.00 | 21.78 | 25.0 | 24.0 | 23.0 |
| | 1RB_3 | 715.3MHz | 23.69 | 22.94 | 21.78 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.70 | 22.73 | 21.95 | 25.0 | 24.0 | 23.0 |
| | | 699.7MHz | 23.74 | 23.06 | 21.91 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 715.3MHz | 23.55 | 22.85 | 21.67 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.62 | 22.97 | 21.81 | 25.0 | 24.0 | 23.0 |
| | | 699.7MHz | 23.62 | 22.96 | 21.83 | 25.0 | 24.0 | 23.0 |
| | 3RB_3 | 715.3MHz | 23.72 | 22.69 | 21.75 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.70 | 22.65 | 21.92 | 25.0 | 24.0 | 23.0 |
| | | 699.7MHz | 23.68 | 22.67 | 21.80 | 25.0 | 24.0 | 23.0 |
| | 3RB_1 | 715.3MHz | 23.81 | 22.71 | 21.73 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.79 | 22.72 | 21.89 | 25.0 | 24.0 | 23.0 |
| | | 699.7MHz | 23.62 | 22.68 | 21.94 | 25.0 | 24.0 | 23.0 |
| | 3RB_0 | 715.3MHz | 23.75 | 22.65 | 21.74 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.74 | 22.66 | 21.79 | 25.0 | 24.0 | 23.0 |
| | | 699.7MHz | 23.65 | 22.64 | 21.88 | 25.0 | 24.0 | 23.0 |
| | 6RB_0 | 715.3MHz | 22.69 | 21.79 | 20.78 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.72 | 21.87 | 20.82 | 24.0 | 23.0 | 22.0 |
| | | 699.7MHz | 22.75 | 21.83 | 20.79 | 24.0 | 23.0 | 22.0 |



| LTE Band 12 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 3 MHz | 1RB_14 | 714.5MHz | 24.25 | 22.93 | 21.89 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.76 | 22.95 | 21.89 | 25.0 | 24.0 | 23.0 |
| | | 700.5MHz | 23.75 | 22.97 | 21.91 | 25.0 | 24.0 | 23.0 |
| | 1RB_7 | 714.5MHz | 23.84 | 23.01 | 22.09 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.86 | 23.05 | 22.10 | 25.0 | 24.0 | 23.0 |
| | | 700.5MHz | 23.87 | 23.14 | 22.08 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 714.5MHz | 23.74 | 22.94 | 21.78 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.70 | 22.92 | 21.88 | 25.0 | 24.0 | 23.0 |
| | | 700.5MHz | 23.75 | 22.97 | 21.97 | 25.0 | 24.0 | 23.0 |
| | 8RB_7 | 714.5MHz | 22.72 | 21.81 | 20.86 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.78 | 21.83 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 700.5MHz | 22.76 | 21.80 | 20.80 | 24.0 | 23.0 | 22.0 |
| | 8RB_4 | 714.5MHz | 22.77 | 21.82 | 20.88 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.77 | 21.82 | 20.85 | 24.0 | 23.0 | 22.0 |
| | | 700.5MHz | 22.81 | 21.84 | 20.86 | 24.0 | 23.0 | 22.0 |
| | 8RB_0 | 714.5MHz | 22.78 | 21.79 | 20.83 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.75 | 21.16 | 20.85 | 24.0 | 23.0 | 22.0 |
| | | 700.5MHz | 22.75 | 21.77 | 20.82 | 24.0 | 23.0 | 22.0 |
| 15RB_0 | 714.5MHz | 22.76 | 21.73 | 20.73 | 24.0 | 23.0 | 22.0 | |
| | 707.5MHz | 22.77 | 21.81 | 20.82 | 24.0 | 23.0 | 22.0 | |
| | 700.5MHz | 22.36 | 21.74 | 20.81 | 24.0 | 23.0 | 22.0 | |



| LTE Band 12 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 713.5MHz | 24.18 | 22.85 | 21.73 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.71 | 22.96 | 21.94 | 25.0 | 24.0 | 23.0 |
| | | 701.5MHz | 23.68 | 22.97 | 21.90 | 25.0 | 24.0 | 23.0 |
| | 1RB_12 | 713.5MHz | 23.92 | 22.95 | 21.74 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.99 | 22.94 | 21.90 | 25.0 | 24.0 | 23.0 |
| | | 701.5MHz | 23.98 | 22.95 | 22.01 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 713.5MHz | 23.63 | 22.81 | 21.77 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.62 | 22.94 | 21.89 | 25.0 | 24.0 | 23.0 |
| | | 701.5MHz | 23.63 | 22.89 | 21.76 | 25.0 | 24.0 | 23.0 |
| | 12RB_13 | 713.5MHz | 22.72 | 21.79 | 20.72 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.86 | 21.81 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 701.5MHz | 22.81 | 21.83 | 20.81 | 24.0 | 23.0 | 22.0 |
| | 12RB_6 | 713.5MHz | 22.83 | 21.83 | 20.67 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.85 | 21.84 | 20.88 | 24.0 | 23.0 | 22.0 |
| | | 701.5MHz | 22.88 | 21.59 | 20.95 | 24.0 | 23.0 | 22.0 |
| | 12RB_0 | 713.5MHz | 22.80 | 21.81 | 20.82 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.81 | 21.77 | 20.87 | 24.0 | 23.0 | 22.0 |
| | | 701.5MHz | 22.75 | 21.63 | 20.83 | 24.0 | 23.0 | 22.0 |
| 25RB_0 | 713.5MHz | 22.78 | 21.75 | 20.80 | 24.0 | 23.0 | 22.0 | |
| | 707.5MHz | 22.83 | 21.78 | 20.86 | 24.0 | 23.0 | 22.0 | |
| | 701.5MHz | 22.77 | 21.81 | 20.78 | 24.0 | 23.0 | 22.0 | |



| LTE Band 12 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 711.0MHz | 23.81 | 23.03 | 22.04 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.84 | 23.06 | 21.93 | 25.0 | 24.0 | 23.0 |
| | | 704.0MHz | 23.82 | 23.11 | 21.91 | 25.0 | 24.0 | 23.0 |
| | 1RB_24 | 711.0MHz | 23.80 | 23.01 | 22.14 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.88 | 23.10 | 22.07 | 25.0 | 24.0 | 23.0 |
| | | 704.0MHz | 23.86 | 23.18 | 21.95 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 711.0MHz | 23.77 | 22.97 | 21.75 | 25.0 | 24.0 | 23.0 |
| | | 707.5MHz | 23.68 | 22.97 | 21.89 | 25.0 | 24.0 | 23.0 |
| | | 704.0MHz | 23.69 | 22.96 | 21.73 | 25.0 | 24.0 | 23.0 |
| | 25RB_25 | 711.0MHz | 22.86 | 21.83 | 20.88 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.93 | 21.91 | 20.90 | 24.0 | 23.0 | 22.0 |
| | | 704.0MHz | 22.89 | 21.87 | 20.91 | 24.0 | 23.0 | 22.0 |
| | 25RB_12 | 711.0MHz | 22.72 | 21.84 | 20.91 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.85 | 21.86 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 704.0MHz | 22.84 | 21.82 | 20.85 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 711.0MHz | 22.76 | 21.84 | 20.85 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.85 | 21.86 | 20.87 | 24.0 | 23.0 | 22.0 |
| | | 704.0MHz | 22.90 | 21.89 | 20.85 | 24.0 | 23.0 | 22.0 |
| | 50RB_0 | 711.0MHz | 22.83 | 21.79 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 707.5MHz | 22.89 | 21.91 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 704.0MHz | 22.89 | 21.86 | 20.95 | 24.0 | 23.0 | 22.0 |



| LTE Band 17 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 713.5MHz | 23.71 | 22.38 | 21.87 | 25.0 | 24.0 | 23.0 |
| | | 710.0MHz | 23.72 | 23.10 | 21.83 | 25.0 | 24.0 | 23.0 |
| | | 706.5MHz | 23.76 | 23.03 | 22.05 | 25.0 | 24.0 | 23.0 |
| | 1RB_12 | 713.5MHz | 23.98 | 23.14 | 22.20 | 25.0 | 24.0 | 23.0 |
| | | 710.0MHz | 24.00 | 23.31 | 22.21 | 25.0 | 24.0 | 23.0 |
| | | 706.5MHz | 24.05 | 23.20 | 22.23 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 713.5MHz | 23.71 | 21.98 | 21.85 | 25.0 | 24.0 | 23.0 |
| | | 710.0MHz | 23.79 | 23.05 | 21.93 | 25.0 | 24.0 | 23.0 |
| | | 706.5MHz | 23.71 | 23.05 | 21.92 | 25.0 | 24.0 | 23.0 |
| | 12RB_13 | 713.5MHz | 22.82 | 21.87 | 20.87 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.89 | 21.83 | 20.93 | 24.0 | 23.0 | 22.0 |
| | | 706.5MHz | 22.94 | 21.87 | 20.90 | 24.0 | 23.0 | 22.0 |
| | 12RB_6 | 713.5MHz | 22.88 | 21.89 | 20.94 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.87 | 21.91 | 20.57 | 24.0 | 23.0 | 22.0 |
| | | 706.5MHz | 22.96 | 21.87 | 20.99 | 24.0 | 23.0 | 22.0 |
| | 12RB_0 | 713.5MHz | 22.89 | 21.78 | 20.87 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.86 | 21.81 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 706.5MHz | 22.93 | 21.82 | 20.93 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 713.5MHz | 22.85 | 21.86 | 20.81 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.88 | 21.87 | 20.86 | 24.0 | 23.0 | 22.0 |
| | | 706.5MHz | 22.90 | 21.91 | 20.93 | 24.0 | 23.0 | 22.0 |



| LTE Band 17 | | | Actual output Power (dBm) | | | Tune up | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|-------------|-------------|-------------|
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 711.0MHz | 23.92 | 23.04 | 21.97 | 25.0 | 24.0 | 23.0 |
| | | 710.0MHz | 23.87 | 23.11 | 21.93 | 25.0 | 24.0 | 23.0 |
| | | 709.0MHz | 23.92 | 23.22 | 22.05 | 25.0 | 24.0 | 23.0 |
| | 1RB_24 | 711.0MHz | 24.02 | 23.18 | 22.10 | 25.0 | 24.0 | 23.0 |
| | | 710.0MHz | 23.90 | 23.30 | 22.03 | 25.0 | 24.0 | 23.0 |
| | | 709.0MHz | 23.90 | 23.26 | 22.12 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 711.0MHz | 23.83 | 23.07 | 21.97 | 25.0 | 24.0 | 23.0 |
| | | 710.0MHz | 23.77 | 23.15 | 21.90 | 25.0 | 24.0 | 23.0 |
| | | 709.0MHz | 23.73 | 23.11 | 21.93 | 25.0 | 24.0 | 23.0 |
| | 25RB_25 | 711.0MHz | 22.89 | 21.84 | 20.90 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.91 | 21.85 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 709.0MHz | 22.94 | 21.91 | 20.97 | 24.0 | 23.0 | 22.0 |
| | 25RB_12 | 711.0MHz | 22.96 | 21.97 | 20.98 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.95 | 21.94 | 20.96 | 24.0 | 23.0 | 22.0 |
| | | 709.0MHz | 22.92 | 21.92 | 20.95 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 711.0MHz | 22.90 | 21.88 | 20.91 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.90 | 21.89 | 20.95 | 24.0 | 23.0 | 22.0 |
| | | 709.0MHz | 22.90 | 21.90 | 20.95 | 24.0 | 23.0 | 22.0 |
| | 50RB_0 | 711.0MHz | 22.90 | 21.81 | 20.95 | 24.0 | 23.0 | 22.0 |
| | | 710.0MHz | 22.89 | 21.89 | 20.91 | 24.0 | 23.0 | 22.0 |
| | | 709.0MHz | 22.94 | 21.96 | 20.92 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 1.4 MHz | 1RB_5 | 1779.3MHz | 24.01 | 22.77 | 22.18 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.53 | 22.88 | 22.21 | 25.0 | 24.0 | 23.0 |
| | | 1710.7MHz | 23.96 | 22.93 | 22.23 | 25.0 | 24.0 | 23.0 |
| | 1RB_3 | 1779.3MHz | 24.09 | 22.85 | 21.90 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.59 | 22.90 | 22.37 | 25.0 | 24.0 | 23.0 |
| | | 1710.7MHz | 24.10 | 22.77 | 22.27 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 1779.3MHz | 24.00 | 22.84 | 22.16 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.49 | 22.76 | 22.30 | 25.0 | 24.0 | 23.0 |
| | | 1710.7MHz | 23.96 | 22.75 | 22.27 | 25.0 | 24.0 | 23.0 |
| | 3RB_3 | 1779.3MHz | 23.94 | 22.67 | 22.07 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.62 | 22.61 | 22.27 | 25.0 | 24.0 | 23.0 |
| | | 1710.7MHz | 23.84 | 22.35 | 22.16 | 25.0 | 24.0 | 23.0 |
| | 3RB_1 | 1779.3MHz | 23.70 | 22.77 | 22.26 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.63 | 22.69 | 22.35 | 25.0 | 24.0 | 23.0 |
| | | 1710.7MHz | 23.61 | 22.24 | 22.27 | 25.0 | 24.0 | 23.0 |
| | 3RB_0 | 1779.3MHz | 23.48 | 22.67 | 22.28 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.64 | 22.77 | 22.28 | 25.0 | 24.0 | 23.0 |
| | | 1710.7MHz | 23.59 | 22.31 | 22.24 | 25.0 | 24.0 | 23.0 |
| | 6RB_0 | 1779.3MHz | 22.62 | 21.85 | 21.22 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.65 | 21.85 | 21.17 | 24.0 | 23.0 | 22.0 |
| | | 1710.7MHz | 22.62 | 21.92 | 21.13 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 3 MHz | 1RB_14 | 1778.5MHz | 24.06 | 22.90 | 22.28 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 22.46 | 22.87 | 22.36 | 25.0 | 24.0 | 23.0 |
| | | 1711.5MHz | 23.50 | 22.78 | 22.25 | 25.0 | 24.0 | 23.0 |
| | 1RB_7 | 1778.5MHz | 23.80 | 23.10 | 22.37 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.67 | 23.01 | 22.44 | 25.0 | 24.0 | 23.0 |
| | | 1711.5MHz | 23.77 | 23.32 | 22.32 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 1778.5MHz | 23.68 | 22.97 | 22.18 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.58 | 23.00 | 22.21 | 25.0 | 24.0 | 23.0 |
| | | 1711.5MHz | 23.56 | 22.87 | 22.22 | 25.0 | 24.0 | 23.0 |
| | 8RB_7 | 1778.5MHz | 22.69 | 22.07 | 21.31 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.63 | 21.76 | 21.26 | 24.0 | 23.0 | 22.0 |
| | | 1711.5MHz | 22.59 | 21.83 | 21.06 | 24.0 | 23.0 | 22.0 |
| | 8RB_4 | 1778.5MHz | 22.74 | 21.94 | 21.31 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.69 | 21.82 | 21.24 | 24.0 | 23.0 | 22.0 |
| | | 1711.5MHz | 22.65 | 21.44 | 21.12 | 24.0 | 23.0 | 22.0 |
| | 8RB_0 | 1778.5MHz | 22.69 | 21.94 | 21.24 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.64 | 21.77 | 21.17 | 24.0 | 23.0 | 22.0 |
| | | 1711.5MHz | 22.63 | 21.85 | 21.00 | 24.0 | 23.0 | 22.0 |
| | 15RB_0 | 1778.5MHz | 22.71 | 21.76 | 21.24 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.69 | 21.70 | 21.22 | 24.0 | 23.0 | 22.0 |
| | | 1711.5MHz | 22.59 | 21.98 | 21.05 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 1777.5MHz | 23.90 | 22.80 | 21.91 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.49 | 22.84 | 22.05 | 25.0 | 24.0 | 23.0 |
| | | 1712.5MHz | 23.44 | 22.74 | 22.06 | 25.0 | 24.0 | 23.0 |
| | 1RB_12 | 1777.5MHz | 23.69 | 23.94 | 22.16 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.84 | 22.82 | 22.29 | 25.0 | 24.0 | 23.0 |
| | | 1712.5MHz | 23.74 | 22.73 | 22.20 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 1777.5MHz | 23.46 | 22.87 | 21.76 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.33 | 22.83 | 22.23 | 25.0 | 24.0 | 23.0 |
| | | 1712.5MHz | 23.46 | 22.76 | 22.07 | 25.0 | 24.0 | 23.0 |
| | 12RB_13 | 1777.5MHz | 22.57 | 21.70 | 20.99 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.65 | 21.64 | 21.21 | 24.0 | 23.0 | 22.0 |
| | | 1712.5MHz | 22.60 | 21.60 | 20.93 | 24.0 | 23.0 | 22.0 |
| | 12RB_6 | 1777.5MHz | 22.86 | 21.70 | 21.29 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.69 | 21.71 | 21.22 | 24.0 | 23.0 | 22.0 |
| | | 1712.5MHz | 22.63 | 21.62 | 21.15 | 24.0 | 23.0 | 22.0 |
| | 12RB_0 | 1777.5MHz | 22.67 | 21.70 | 21.20 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.65 | 21.76 | 21.21 | 24.0 | 23.0 | 22.0 |
| | | 1712.5MHz | 22.57 | 21.95 | 21.14 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 1777.5MHz | 22.78 | 21.73 | 21.23 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.70 | 21.80 | 21.19 | 24.0 | 23.0 | 22.0 |
| | | 1712.5MHz | 22.58 | 21.93 | 21.12 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 1775.0MHz | 23.72 | 22.78 | 21.87 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.58 | 22.91 | 21.80 | 25.0 | 24.0 | 23.0 |
| | | 1715.0MHz | 23.77 | 22.76 | 22.15 | 25.0 | 24.0 | 23.0 |
| | 1RB_24 | 1775.0MHz | 23.72 | 22.97 | 22.01 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.70 | 22.93 | 22.01 | 25.0 | 24.0 | 23.0 |
| | | 1715.0MHz | 23.63 | 22.91 | 22.29 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 1775.0MHz | 23.63 | 22.83 | 21.83 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.62 | 22.88 | 21.94 | 25.0 | 24.0 | 23.0 |
| | | 1715.0MHz | 23.53 | 22.76 | 22.14 | 25.0 | 24.0 | 23.0 |
| | 25RB_25 | 1775.0MHz | 22.80 | 21.82 | 20.83 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.69 | 21.71 | 20.99 | 24.0 | 23.0 | 22.0 |
| | | 1715.0MHz | 22.68 | 21.69 | 21.19 | 24.0 | 23.0 | 22.0 |
| | 25RB_12 | 1775.0MHz | 22.79 | 21.77 | 20.89 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.74 | 21.69 | 21.27 | 24.0 | 23.0 | 22.0 |
| | | 1715.0MHz | 22.68 | 21.66 | 21.02 | 24.0 | 23.0 | 22.0 |
| | 25RB_0 | 1775.0MHz | 22.77 | 21.76 | 20.97 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.78 | 21.76 | 21.18 | 24.0 | 23.0 | 22.0 |
| | | 1715.0MHz | 22.62 | 21.93 | 21.12 | 24.0 | 23.0 | 22.0 |
| | 50RB_0 | 1775.0MHz | 22.77 | 21.80 | 20.81 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.79 | 21.79 | 21.29 | 24.0 | 23.0 | 22.0 |
| | | 1715.0MHz | 22.69 | 21.68 | 21.17 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|------------|-------|-------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 MHz | 1RB_74 | 1772.5MHz | 24.08 | 22.82 | 22.00 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.53 | 22.90 | 21.84 | 25.0 | 24.0 | 23.0 |
| | | 1717.5MHz | 23.40 | 22.76 | 21.90 | 25.0 | 24.0 | 23.0 |
| | 1RB_37 | 1772.5MHz | 24.22 | 23.04 | 22.12 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.65 | 22.90 | 21.94 | 25.0 | 24.0 | 23.0 |
| | | 1717.5MHz | 23.48 | 22.90 | 21.08 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 1772.5MHz | 24.07 | 22.93 | 21.81 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.59 | 22.83 | 21.80 | 25.0 | 24.0 | 23.0 |
| | | 1717.5MHz | 23.49 | 22.88 | 22.21 | 25.0 | 24.0 | 23.0 |
| | 36RB_38 | 1772.5MHz | 22.94 | 21.78 | 20.85 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.79 | 21.69 | 20.98 | 24.0 | 23.0 | 22.0 |
| | | 1717.5MHz | 22.68 | 21.64 | 21.17 | 24.0 | 23.0 | 22.0 |
| | 36RB_19 | 1772.5MHz | 23.08 | 21.77 | 21.13 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.74 | 21.72 | 21.06 | 24.0 | 23.0 | 22.0 |
| | | 1717.5MHz | 22.64 | 21.68 | 21.10 | 24.0 | 23.0 | 22.0 |
| | 36RB_0 | 1772.5MHz | 22.86 | 21.78 | 21.08 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.78 | 21.77 | 20.79 | 24.0 | 23.0 | 22.0 |
| | | 1717.5MHz | 22.70 | 22.00 | 21.13 | 24.0 | 23.0 | 22.0 |
| | 75RB_0 | 1772.5MHz | 22.78 | 21.77 | 20.78 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.74 | 21.74 | 20.88 | 24.0 | 23.0 | 22.0 |
| | | 1717.5MHz | 22.64 | 21.95 | 21.09 | 24.0 | 23.0 | 22.0 |



| Full Power | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|-------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 MHz | 1RB_99 | 1770.0MHz | 23.35 | 22.63 | 22.05 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.26 | 22.69 | 21.76 | 25.0 | 24.0 | 23.0 |
| | | 1720.0MHz | 23.20 | 22.53 | 21.79 | 25.0 | 24.0 | 23.0 |
| | 1RB_50 | 1770.0MHz | 23.64 | 23.07 | 22.45 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.60 | 23.08 | 22.38 | 25.0 | 24.0 | 23.0 |
| | | 1720.0MHz | 23.57 | 22.79 | 22.18 | 25.0 | 24.0 | 23.0 |
| | 1RB_0 | 1770.0MHz | 23.42 | 22.74 | 22.12 | 25.0 | 24.0 | 23.0 |
| | | 1745.0MHz | 23.33 | 22.73 | 21.99 | 25.0 | 24.0 | 23.0 |
| | | 1720.0MHz | 23.30 | 22.59 | 21.51 | 25.0 | 24.0 | 23.0 |
| | 50RB_50 | 1770.0MHz | 22.71 | 21.75 | 21.25 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.58 | 21.62 | 21.13 | 24.0 | 23.0 | 22.0 |
| | | 1720.0MHz | 22.62 | 21.62 | 21.14 | 24.0 | 23.0 | 22.0 |
| | 50RB_25 | 1770.0MHz | 22.75 | 21.76 | 21.28 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.72 | 21.76 | 21.24 | 24.0 | 23.0 | 22.0 |
| | | 1720.0MHz | 22.63 | 21.62 | 21.10 | 24.0 | 23.0 | 22.0 |
| | 50RB_0 | 1770.0MHz | 22.65 | 21.71 | 21.26 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.81 | 21.79 | 21.32 | 24.0 | 23.0 | 22.0 |
| | | 1720.0MHz | 22.60 | 21.55 | 21.10 | 24.0 | 23.0 | 22.0 |
| | 100RB_0 | 1770.0MHz | 22.64 | 21.72 | 21.25 | 24.0 | 23.0 | 22.0 |
| | | 1745.0MHz | 22.70 | 21.69 | 21.24 | 24.0 | 23.0 | 22.0 |
| | | 1720.0MHz | 22.59 | 21.71 | 21.10 | 24.0 | 23.0 | 22.0 |



| Sensor on | | | | | | | | |
|--------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 1.4 MHz | 1RB_5 | 1779.3MHz | 18.59 | 17.96 | 16.88 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.55 | 17.92 | 16.78 | 20.0 | 19.0 | 18.0 |
| | | 1710.7MHz | 18.47 | 17.82 | 16.68 | 20.0 | 19.0 | 18.0 |
| | 1RB_3 | 1779.3MHz | 18.72 | 18.06 | 17.05 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.62 | 18.06 | 16.94 | 20.0 | 19.0 | 18.0 |
| | | 1710.7MHz | 18.59 | 17.83 | 16.85 | 20.0 | 19.0 | 18.0 |
| | 1RB_0 | 1779.3MHz | 18.59 | 17.94 | 16.79 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.56 | 17.91 | 16.76 | 20.0 | 19.0 | 18.0 |
| | | 1710.7MHz | 18.46 | 17.79 | 16.71 | 20.0 | 19.0 | 18.0 |
| | 3RB_3 | 1779.3MHz | 18.69 | 17.73 | 16.87 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.65 | 17.63 | 16.77 | 20.0 | 19.0 | 18.0 |
| | | 1710.7MHz | 18.62 | 17.61 | 16.83 | 20.0 | 19.0 | 18.0 |
| | 3RB_1 | 1779.3MHz | 18.75 | 17.74 | 16.86 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.70 | 17.70 | 16.81 | 20.0 | 19.0 | 18.0 |
| | | 1710.7MHz | 18.64 | 17.59 | 16.75 | 20.0 | 19.0 | 18.0 |
| | 3RB_0 | 1779.3MHz | 18.74 | 17.69 | 16.89 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.62 | 17.67 | 16.75 | 20.0 | 19.0 | 18.0 |
| | | 1710.7MHz | 18.60 | 17.65 | 16.63 | 20.0 | 19.0 | 18.0 |
| | 6RB_0 | 1779.3MHz | 17.71 | 16.78 | 15.74 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.60 | 16.71 | 15.66 | 19.0 | 18.0 | 17.0 |
| | | 1710.7MHz | 17.59 | 16.69 | 15.57 | 19.0 | 18.0 | 17.0 |



| Sensor on | | | | | | | | |
|--------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 3 MHz | 1RB_14 | 1778.5MHz | 18.66 | 18.12 | 16.87 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.61 | 17.96 | 16.86 | 20.0 | 19.0 | 18.0 |
| | | 1711.5MHz | 18.61 | 17.96 | 16.90 | 20.0 | 19.0 | 18.0 |
| | 1RB_7 | 1778.5MHz | 18.83 | 18.01 | 17.00 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.80 | 18.21 | 17.11 | 20.0 | 19.0 | 18.0 |
| | | 1711.5MHz | 18.75 | 18.09 | 16.99 | 20.0 | 19.0 | 18.0 |
| | 1RB_0 | 1778.5MHz | 18.68 | 18.09 | 16.82 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.61 | 17.95 | 16.89 | 20.0 | 19.0 | 18.0 |
| | | 1711.5MHz | 18.65 | 17.99 | 16.82 | 20.0 | 19.0 | 18.0 |
| | 8RB_7 | 1778.5MHz | 17.70 | 16.76 | 15.78 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.65 | 16.72 | 15.70 | 19.0 | 18.0 | 17.0 |
| | | 1711.5MHz | 17.61 | 16.68 | 15.66 | 19.0 | 18.0 | 17.0 |
| | 8RB_4 | 1778.5MHz | 17.73 | 16.77 | 15.79 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.66 | 16.77 | 15.71 | 19.0 | 18.0 | 17.0 |
| | | 1711.5MHz | 17.67 | 16.67 | 15.62 | 19.0 | 18.0 | 17.0 |
| | 8RB_0 | 1778.5MHz | 17.71 | 16.78 | 15.78 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.64 | 16.76 | 15.70 | 19.0 | 18.0 | 17.0 |
| | | 1711.5MHz | 17.59 | 16.89 | 15.62 | 19.0 | 18.0 | 17.0 |
| | 15RB_0 | 1778.5MHz | 17.65 | 16.70 | 15.74 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.62 | 16.69 | 15.67 | 19.0 | 18.0 | 17.0 |
| | | 1711.5MHz | 17.61 | 16.61 | 15.65 | 19.0 | 18.0 | 17.0 |



| Sensor on | | | | | | | | |
|--------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 MHz | 1RB_24 | 1777.5MHz | 18.51 | 17.93 | 16.71 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.50 | 17.82 | 16.80 | 20.0 | 19.0 | 18.0 |
| | | 1712.5MHz | 18.46 | 17.77 | 18.46 | 20.0 | 19.0 | 18.0 |
| | 1RB_12 | 1777.5MHz | 18.83 | 18.18 | 16.90 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.77 | 18.24 | 17.04 | 20.0 | 19.0 | 18.0 |
| | | 1712.5MHz | 18.70 | 18.27 | 18.97 | 20.0 | 19.0 | 18.0 |
| | 1RB_0 | 1777.5MHz | 18.45 | 17.92 | 16.76 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.54 | 17.91 | 16.79 | 20.0 | 19.0 | 18.0 |
| | | 1712.5MHz | 18.49 | 17.81 | 18.48 | 20.0 | 19.0 | 18.0 |
| | 12RB_13 | 1777.5MHz | 17.66 | 16.66 | 15.66 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.61 | 16.55 | 15.69 | 19.0 | 18.0 | 17.0 |
| | | 1712.5MHz | 17.60 | 16.60 | 15.62 | 19.0 | 18.0 | 17.0 |
| | 12RB_6 | 1777.5MHz | 17.72 | 16.73 | 15.68 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.68 | 16.22 | 15.41 | 19.0 | 18.0 | 17.0 |
| | | 1712.5MHz | 17.67 | 16.67 | 15.69 | 19.0 | 18.0 | 17.0 |
| | 12RB_0 | 1777.5MHz | 17.64 | 16.66 | 15.67 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.62 | 16.62 | 15.72 | 19.0 | 18.0 | 17.0 |
| | | 1712.5MHz | 17.61 | 16.59 | 15.67 | 19.0 | 18.0 | 17.0 |
| | 25RB_0 | 1777.5MHz | 17.64 | 16.65 | 15.56 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.66 | 16.64 | 15.63 | 19.0 | 18.0 | 17.0 |
| | | 1712.5MHz | 17.60 | 16.59 | 15.62 | 19.0 | 18.0 | 17.0 |



| Sensor on | | | | | | | | |
|--------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 MHz | 1RB_49 | 1775.0MHz | 18.66 | 18.09 | 16.89 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.63 | 17.96 | 16.80 | 20.0 | 19.0 | 18.0 |
| | | 1715.0MHz | 18.52 | 17.89 | 16.76 | 20.0 | 19.0 | 18.0 |
| | 1RB_24 | 1775.0MHz | 18.69 | 18.19 | 17.01 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.76 | 18.14 | 16.94 | 20.0 | 19.0 | 18.0 |
| | | 1715.0MHz | 18.73 | 18.16 | 16.93 | 20.0 | 19.0 | 18.0 |
| | 1RB_0 | 1775.0MHz | 18.66 | 18.15 | 16.92 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.64 | 17.96 | 16.82 | 20.0 | 19.0 | 18.0 |
| | | 1715.0MHz | 18.61 | 17.97 | 16.85 | 20.0 | 19.0 | 18.0 |
| | 25RB_25 | 1775.0MHz | 17.69 | 16.71 | 15.71 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.63 | 16.65 | 15.71 | 19.0 | 18.0 | 17.0 |
| | | 1715.0MHz | 17.64 | 16.67 | 15.71 | 19.0 | 18.0 | 17.0 |
| | 25RB_12 | 1775.0MHz | 17.69 | 16.70 | 15.72 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.72 | 16.74 | 15.73 | 19.0 | 18.0 | 17.0 |
| | | 1715.0MHz | 17.67 | 16.64 | 15.69 | 19.0 | 18.0 | 17.0 |
| | 25RB_0 | 1775.0MHz | 17.70 | 16.74 | 15.75 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.77 | 16.77 | 15.80 | 19.0 | 18.0 | 17.0 |
| | | 1715.0MHz | 17.58 | 16.59 | 15.61 | 19.0 | 18.0 | 17.0 |
| | 50RB_0 | 1775.0MHz | 17.67 | 16.68 | 15.74 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.72 | 16.77 | 15.73 | 19.0 | 18.0 | 17.0 |
| | | 1715.0MHz | 17.66 | 16.64 | 15.67 | 19.0 | 18.0 | 17.0 |



| Sensor on | | | | | | | | |
|--------------------|--------------------|-----------|---------------------------|-------|-------|----------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 MHz | 1RB_74 | 1772.5MHz | 18.62 | 17.93 | 16.73 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.51 | 17.85 | 16.81 | 20.0 | 19.0 | 18.0 |
| | | 1717.5MHz | 18.48 | 17.74 | 16.63 | 20.0 | 19.0 | 18.0 |
| | 1RB_37 | 1772.5MHz | 18.57 | 17.97 | 16.81 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.63 | 18.01 | 16.84 | 20.0 | 19.0 | 18.0 |
| | | 1717.5MHz | 18.61 | 17.93 | 16.84 | 20.0 | 19.0 | 18.0 |
| | 1RB_0 | 1772.5MHz | 18.58 | 17.92 | 16.80 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.59 | 17.90 | 16.81 | 20.0 | 19.0 | 18.0 |
| | | 1717.5MHz | 18.51 | 17.85 | 16.66 | 20.0 | 19.0 | 18.0 |
| | 36RB_38 | 1772.5MHz | 17.64 | 16.66 | 15.69 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.64 | 16.64 | 15.66 | 19.0 | 18.0 | 17.0 |
| | | 1717.5MHz | 17.58 | 16.57 | 15.62 | 19.0 | 18.0 | 17.0 |
| | 36RB_19 | 1772.5MHz | 17.70 | 16.68 | 15.78 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.72 | 16.70 | 15.71 | 19.0 | 18.0 | 17.0 |
| | | 1717.5MHz | 17.67 | 16.61 | 15.72 | 19.0 | 18.0 | 17.0 |
| | 36RB_0 | 1772.5MHz | 17.70 | 16.69 | 15.75 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.73 | 16.74 | 15.78 | 19.0 | 18.0 | 17.0 |
| | | 1717.5MHz | 17.57 | 16.61 | 15.61 | 19.0 | 18.0 | 17.0 |
| | 75RB_0 | 1772.5MHz | 17.70 | 16.70 | 15.73 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.68 | 16.70 | 15.70 | 19.0 | 18.0 | 17.0 |
| | | 1717.5MHz | 17.58 | 16.61 | 15.60 | 19.0 | 18.0 | 17.0 |

| Sensor on | | | | | | | | |
|-------------|--------------------|-----------|---------------------------|-------|-------|-------------|-------------|-------------|
| LTE Band 66 | | | Actual output Power (dBm) | | | Tune up | | |
| Band -width | RB No. / RB offset | Frequency | Modulation | | | Modulation | | |
| | | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 MHz | 1RB_99 | 1770.0MHz | 18.41 | 17.76 | 16.59 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.32 | 17.68 | 16.44 | 20.0 | 19.0 | 18.0 |
| | | 1720.0MHz | 18.33 | 17.68 | 16.47 | 20.0 | 19.0 | 18.0 |
| | 1RB_50 | 1770.0MHz | 18.72 | 18.12 | 16.94 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.74 | 18.06 | 16.85 | 20.0 | 19.0 | 18.0 |
| | | 1720.0MHz | 18.66 | 18.05 | 16.86 | 20.0 | 19.0 | 18.0 |
| | 1RB_0 | 1770.0MHz | 18.44 | 17.95 | 16.64 | 20.0 | 19.0 | 18.0 |
| | | 1745.0MHz | 18.46 | 17.81 | 16.50 | 20.0 | 19.0 | 18.0 |
| | | 1720.0MHz | 18.37 | 17.76 | 16.49 | 20.0 | 19.0 | 18.0 |
| | 50RB_50 | 1770.0MHz | 17.67 | 16.65 | 15.69 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.60 | 16.64 | 15.67 | 19.0 | 18.0 | 17.0 |
| | | 1720.0MHz | 17.63 | 16.58 | 15.62 | 19.0 | 18.0 | 17.0 |
| | 50RB_25 | 1770.0MHz | 17.72 | 16.69 | 15.78 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.74 | 16.70 | 15.64 | 19.0 | 18.0 | 17.0 |
| | | 1720.0MHz | 17.61 | 16.64 | 15.67 | 19.0 | 18.0 | 17.0 |
| | 50RB_0 | 1770.0MHz | 17.73 | 16.87 | 15.70 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.82 | 16.85 | 15.85 | 19.0 | 18.0 | 17.0 |
| | | 1720.0MHz | 17.41 | 16.44 | 15.65 | 19.0 | 18.0 | 17.0 |
| | 100RB_0 | 1770.0MHz | 17.66 | 16.69 | 15.73 | 19.0 | 18.0 | 17.0 |
| | | 1745.0MHz | 17.72 | 16.68 | 15.70 | 19.0 | 18.0 | 17.0 |
| | | 1720.0MHz | 17.59 | 16.58 | 15.62 | 19.0 | 18.0 | 17.0 |

10.4. Bluetooth and WLAN Measurement result

Table 10.5: The conducted Power measurement results for Bluetooth

| Bluetooth | Tune up | Averaged Power (dBm) | | |
|---------------|-------------|----------------------|-----------------|-----------------|
| Mode | | Ch.0 (2402MHz) | Ch.39 (2441MHz) | Ch.78 (2480MHz) |
| GFSK | 6.5 | 4.95 | 5.96 | 6.30 |
| EDR2M-4_DQPSK | 6.0 | 4.19 | 5.25 | 5.47 |
| EDR3M-8DPSK | 6.0 | 4.21 | 5.27 | 5.58 |
| / | / | Ch.0 (2402MHz) | Ch.19 (2440MHz) | Ch.39 (2480MHz) |
| BLE(1M) | -2.0 | -3.95 | -3.06 | -2.71 |
| BLE(2M) | -2.0 | -3.96 | -2.08 | -2.69 |

Table 10.6: The conducted Power measurement results for WLAN 2.4G

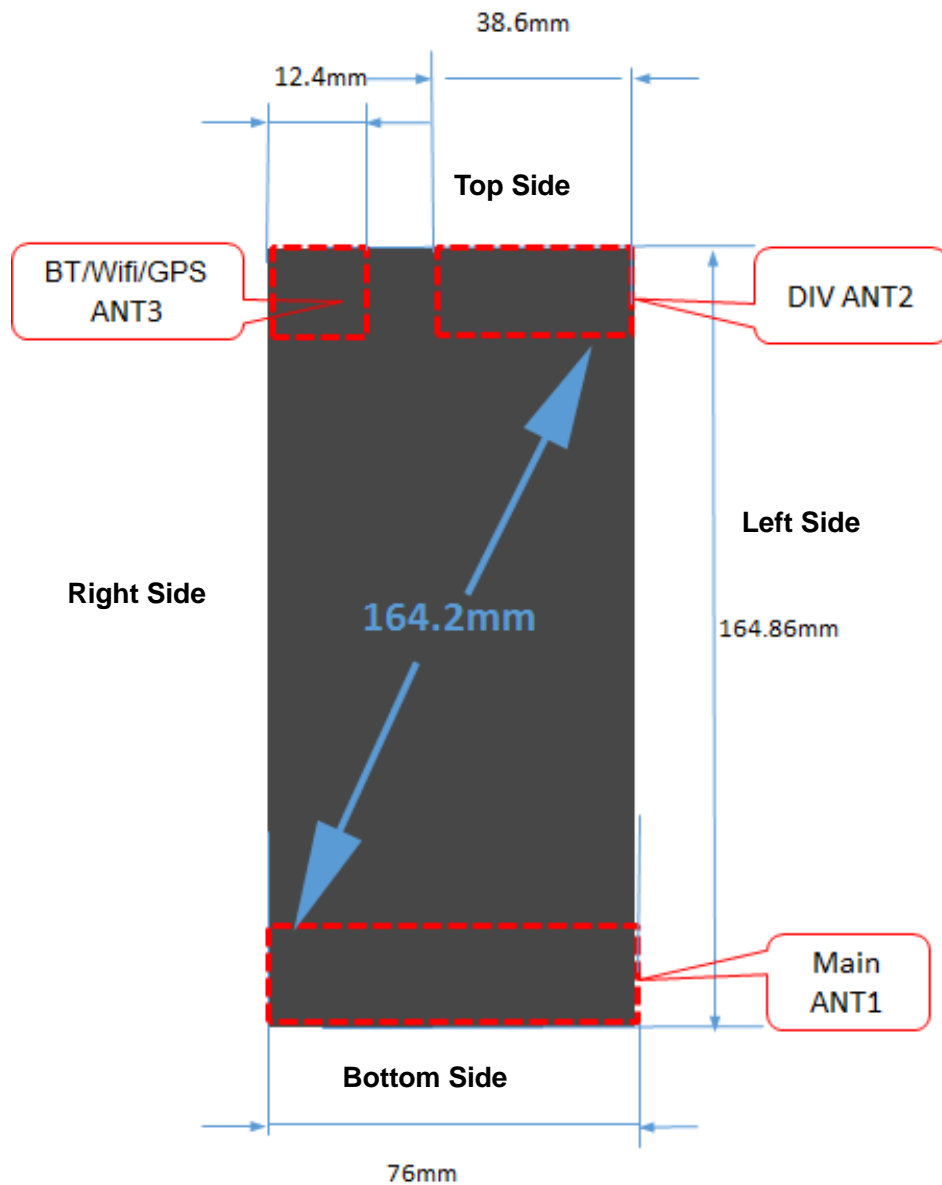
| | | Averaged Power (dBm) Duty Cycle: 100% | | |
|----------------|-------------|--|----------------|-----------------|
| Mode | Tune up | Ch.1 (2412MHz) | Ch.6 (2437Mhz) | Ch.11 (2462MHz) |
| 802.11b | 18.5 | 17.75 | 18.11 | 18.28 |
| 802.11g | 16.0 | 15.18 | 15.48 | 15.69 |
| 802.11n(20MHz) | 14.0 | 13.17 | 13.50 | 13.61 |

11. Simultaneous TX SAR Considerations

11.1. Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter. For this device, the Bluetooth and WLAN can transmit simultaneous with other transmitters.

11.2. Transmit Antenna Separation Distances



Picture 11.1 Antenna Locations (Back View)

11.3. SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 25mm distance to the antennas need to be tested for SAR.

| SAR measurement positions | | | | | | |
|---------------------------|-------|------|-----------|------------|----------|-------------|
| Mode | Front | Rear | Left edge | Right edge | Top edge | Bottom edge |
| Main antenna | Yes | Yes | Yes | Yes | No | Yes |
| WLAN antenna | Yes | Yes | Yes | Yes | Yes | No |

11.4. Standalone SAR Test Exclusion Considerations

Standalone 1-g head or body SAR evaluation by measurement or numerical simulation is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied. The 1-g SAR test exclusion threshold for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Table 11.1: Standalone SAR test exclusion considerations

| Band | f(GHz) | Position | SAR test exclusion threshold (mW) | RF output power | | SAR test exclusion |
|-----------|--------|----------|-----------------------------------|-----------------|-------|--------------------|
| | | | | dBm | mW | |
| Bluetooth | 2.441 | Head | 9.60 | 6.5 | 4.47 | Yes |
| | | Body | 19.20 | 6.5 | 4.47 | Yes |
| WLAN 2.4G | 2.45 | Head | 9.58 | 18.5 | 70.79 | No |
| | | Body | 19.17 | 18.5 | 70.79 | No |

12. Evaluation of Simultaneous

Table 12.1: The sum of reported SAR values for main antenna and WLAN

| / | Position | Main Antenna (W/kg) | WLAN (W/kg) | Sum (W/kg) |
|--|------------|---------------------|-------------|------------|
| Highest reported SAR value for Head | Left Cheek | 0.38 | 1.01 | 1.39 |
| Highest reported SAR value for Hotspot | Rear | 0.78 | 0.44 | 1.22 |
| Highest reported SAR value for Body-worn | Front | 1.02 | 0.18 | 1.20 |

Note: the test positions of above tables are for the worse case that has been evaluated.

Table 12.2: The sum of reported SAR values for main antenna and Bluetooth

| / | Position | Main Antenna (W/kg) | Bluetooth (W/kg) | Sum (W/kg) |
|--|------------|---------------------|------------------|------------|
| Highest reported SAR value for Head | Left Cheek | 0.38 | 0.19 | 0.57 |
| Highest reported SAR value for Hotspot | Bottom | 1.17 | 0.09 | 1.26 |
| Highest reported SAR value for Body-worn | Front | 1.02 | 0.09 | 1.11 |

Note: the test positions of above tables are for the worse case that has been evaluated.

Table 12.3: Estimated SAR for Bluetooth

| Position | f (GHz) | Distance (mm) | Upper limit of power * | | Estimated _{1g} (W/kg) |
|----------|---------|---------------|------------------------|------|--------------------------------|
| | | | dBm | mW | |
| Head | 2.441 | 5 | 6.5 | 4.47 | 0.19 |
| Body | 2.441 | 10 | 6.5 | 4.47 | 0.09 |

* - Maximum possible output power declared by manufacturer

When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm) · [√f(GHz)/x] W/kg for test separation distances ≤ 50 mm;

Where x = 7.5 for 1-g SAR.

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

Conclusion:

According to the above tables, the sum of reported SAR values is < 1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

13. Summary of Test Results

According to the client's decision rule in the test registration form, which is "based on the measurement results as the basis of the conformity statement", the test conclusion of this report meets the limit requirements.

The calculated SAR is obtained by the following formula:

$$\text{Reported SAR} = \text{Measured SAR} \times 10^{(P_{\text{Target}} - P_{\text{Measured}})/10}$$

Where P_{Target} is the power of manufacturing upper limit;

P_{Measured} is the measured power in chapter 10.

Duty Cycle

| Mode | Duty Cycle |
|----------------------------------|------------|
| Speech for GSM850/1900 | 1:8.3 |
| GPRS for GSM850/1900 | 1:4 |
| WCDMA Band2/4/5 | 1:1 |
| FDD_LTE Band 2/4/5/7/12/13/17/66 | 1:1 |

13.1. Testing Environment

| | |
|-----------------------------|--------------|
| Temperature: | 18°C~25°C |
| Relative humidity: | 30%~70% |
| Ground system resistance: | <4Ω |
| Ambient noise & Reflection: | < 0.012 W/kg |

13.2. SAR results

Table 13.1: SAR Values (GSM 850 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---|-----|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.8°C Liquid Temperature: 22.2°C | | | | | | | | | |
| 836.6 | 190 | Speech | Left Cheek | 1 | 32.90 | 34.5 | 0.265 | 0.38 | -0.05 |
| 836.6 | 190 | Speech | Left Tilt | / | 32.90 | 34.5 | 0.131 | 0.19 | 0.03 |
| 836.6 | 190 | Speech | Right Cheek | / | 32.90 | 34.5 | 0.256 | 0.37 | 0.06 |
| 836.6 | 190 | Speech | Right Tilt | / | 32.90 | 34.5 | 0.123 | 0.18 | 0.02 |

Table 13.2: SAR Values (GSM 850 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---|-----|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.8°C Liquid Temperature: 22.2°C | | | | | | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 836.6 | 190 | GPRS | Front | / | 31.96 | 33.0 | 0.355 | 0.45 | -0.03 |
| 836.6 | 190 | GPRS | Rear | 2 | 31.96 | 33.0 | 0.481 | 0.61 | -0.01 |
| 836.6 | 190 | GPRS | Left | / | 31.96 | 33.0 | 0.355 | 0.45 | 0.02 |
| 836.6 | 190 | GPRS | Right | / | 31.96 | 33.0 | 0.385 | 0.49 | 0.06 |
| 836.6 | 190 | GPRS | Bottom | / | 31.96 | 33.0 | 0.070 | 0.09 | -0.03 |
| Body-Worn Test Data | | | | | | | | | |
| 836.6 | 190 | GPRS | Front | 10mm | 31.96 | 33.0 | 0.355 | 0.45 | -0.03 |
| 836.6 | 190 | GPRS | Rear | 10mm | 31.96 | 33.0 | 0.481 | 0.61 | -0.01 |

Table 13.3: SAR Values (GSM 1900 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------|-----|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| 1880 | 661 | Speech | Left Cheek | 3 | 30.04 | 31.0 | 0.128 | 0.16 | 0.09 |
| 1880 | 661 | Speech | Left Tilt | / | 30.04 | 31.0 | 0.127 | 0.16 | 0.12 |
| 1880 | 661 | Speech | Right Cheek | / | 30.04 | 31.0 | 0.126 | 0.16 | 0.04 |
| 1880 | 661 | Speech | Right Tilt | / | 30.04 | 31.0 | 0.089 | 0.11 | 0.07 |

Table 13.4: SAR Values (GSM 1900 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|--|-----|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C | | | | | | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 1880 | 661 | GPRS | Front | / | 27.13 | 28.0 | 0.285 | 0.35 | 0.04 |
| 1880 | 661 | GPRS | Rear | / | 27.13 | 28.0 | 0.338 | 0.41 | -0.01 |
| 1880 | 661 | GPRS | Left | / | 29.14 | 30.0 | 0.138 | 0.17 | 0.07 |
| 1880 | 661 | GPRS | Right | / | 29.14 | 30.0 | 0.072 | 0.09 | 0.10 |
| 1880 | 661 | GPRS | Bottom | / | 27.13 | 28.0 | 0.481 | 0.59 | 0.17 |
| Body-Worn Test Data | | | | | | | | | |
| 1880 | 661 | GPRS | Front | 11mm | 29.14 | 30.0 | 0.487 | 0.59 | 0.08 |
| 1880 | 661 | GPRS | Rear | 10mm | 27.13 | 28.0 | 0.338 | 0.41 | -0.01 |
| Sensor off Test Data | | | | | | | | | |
| 1880 | 661 | GPRS | Front | 4/11mm | 29.14 | 30.0 | 0.487 | 0.59 | 0.08 |
| 1880 | 661 | GPRS | Rear | 17mm | 29.14 | 30.0 | 0.174 | 0.21 | 0.02 |
| 1880 | 661 | GPRS | Bottom | 17mm | 29.14 | 30.0 | 0.379 | 0.46 | 0.15 |

Table 13.5: SAR Values (WCDMA Band 2 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---|------|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C | | | | | | | | | |
| 1880 | 9400 | RMC | Left Cheek | 5 | 24.10 | 25.0 | 0.289 | 0.36 | 0.02 |
| 1880 | 9400 | RMC | Left Tilt | / | 24.10 | 25.0 | 0.261 | 0.32 | -0.08 |
| 1880 | 9400 | RMC | Right Cheek | / | 24.10 | 25.0 | 0.271 | 0.33 | 0.01 |
| 1880 | 9400 | RMC | Right Tilt | / | 24.10 | 25.0 | 0.197 | 0.24 | 0.10 |

Table 13.6: SAR Values (WCDMA Band 2 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---|------|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C | | | | | | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 1880 | 9400 | RMC | Front | / | 20.90 | 22.0 | 0.290 | 0.37 | 0.03 |
| 1880 | 9400 | RMC | Rear | / | 20.90 | 22.0 | 0.191 | 0.25 | 0.14 |
| 1880 | 9400 | RMC | Left | / | 24.10 | 25.0 | 0.343 | 0.42 | 0.04 |
| 1880 | 9400 | RMC | Right | / | 24.10 | 25.0 | 0.045 | 0.05 | 0.08 |
| 1880 | 9400 | RMC | Bottom | / | 20.90 | 22.0 | 0.495 | 0.64 | -0.16 |
| Body-Worn Test Data | | | | | | | | | |
| 1880 | 9400 | RMC | Front | 11mm | 24.10 | 25.0 | 0.549 | 0.68 | 0.01 |
| 1880 | 9400 | RMC | Rear | 10mm | 20.90 | 22.0 | 0.191 | 0.25 | 0.14 |
| Sensor off Test Data | | | | | | | | | |
| 1880 | 9400 | RMC | Front | 6/11mm | 24.10 | 25.0 | 0.549 | 0.68 | 0.01 |
| 1880 | 9400 | RMC | Rear | 17mm | 24.10 | 25.0 | 0.188 | 0.23 | 0.03 |
| 1880 | 9400 | RMC | Bottom | 17mm | 24.10 | 25.0 | 0.455 | 0.56 | 0.12 |

Table 13.7: SAR Values (WCDMA Band 4 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------------------------|------|----------------------------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.4°C | | Liquid Temperature: 21.9°C | | | | | | | |
| 1732.6 | 1413 | RMC | Left Cheek | / | 23.80 | 25.0 | 0.130 | 0.17 | 0.07 |
| 1732.6 | 1413 | RMC | Left Tilt | / | 23.80 | 25.0 | 0.147 | 0.19 | 0.12 |
| 1732.6 | 1413 | RMC | Right Cheek | 7 | 23.80 | 25.0 | 0.208 | 0.27 | 0.11 |
| 1732.6 | 1413 | RMC | Right Tilt | / | 23.80 | 25.0 | 0.130 | 0.17 | 0.05 |

Table 13.8: SAR Values (WCDMA Band 4 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|------|----------------------------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.4°C | | Liquid Temperature: 21.9°C | | | | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 1732.6 | 1413 | RMC | Front | / | 18.80 | 20.0 | 0.223 | 0.29 | -0.04 |
| 1732.6 | 1413 | RMC | Rear | / | 18.80 | 20.0 | 0.137 | 0.18 | 0.18 |
| 1732.6 | 1413 | RMC | Left | / | 23.80 | 25.0 | 0.090 | 0.12 | 0.03 |
| 1732.6 | 1413 | RMC | Right | / | 23.80 | 25.0 | 0.040 | 0.05 | 0.08 |
| 1732.6 | 1413 | RMC | Bottom | / | 18.80 | 20.0 | 0.571 | 0.75 | 0.01 |
| Body-Worn Test Data | | | | | | | | | |
| 1732.6 | 1413 | RMC | Front | 11mm | 23.80 | 25.0 | 0.544 | 0.72 | 0.09 |
| 1732.6 | 1413 | RMC | Rear | 10mm | 18.80 | 20.0 | 0.137 | 0.18 | 0.18 |
| Sensor off Test Data | | | | | | | | | |
| 1732.6 | 1413 | RMC | Front | 11mm | 23.80 | 25.0 | 0.544 | 0.72 | 0.09 |
| 1732.6 | 1413 | RMC | Rear | 17mm | 23.80 | 25.0 | 0.159 | 0.21 | 0.09 |
| 1732.6 | 1413 | RMC | Bottom | 8/17mm | 23.80 | 25.0 | 0.731 | 0.96 | 0.03 |
| 1752.6 | 1513 | RMC | Bottom | 17mm | 23.80 | 25.0 | 0.672 | 0.89 | 0.01 |
| 1712.4 | 1312 | RMC | Bottom | 17mm | 23.80 | 25.0 | 0.723 | 0.95 | 0.00 |

Table 13.9: SAR Values (WCDMA Band 5 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------|------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.8°C | | | Liquid Temperature: 22.2°C | | | | |
| 836.4 | 4182 | RMC | Left Cheek | 9 | 24.00 | 25.0 | 0.277 | 0.35 | 0.04 |
| 836.4 | 4182 | RMC | Left Tilt | / | 24.00 | 25.0 | 0.136 | 0.17 | -0.12 |
| 836.4 | 4182 | RMC | Right Cheek | / | 24.00 | 25.0 | 0.258 | 0.32 | 0.10 |
| 836.4 | 4182 | RMC | Right Tilt | / | 24.00 | 25.0 | 0.132 | 0.17 | 0.06 |

Table 13.10: SAR Values (WCDMA Band 5 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.8°C | | | Liquid Temperature: 22.2°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 836.4 | 4182 | RMC | Front | / | 24.00 | 25.0 | 0.205 | 0.26 | 0.04 |
| 836.4 | 4182 | RMC | Rear | 10 | 24.00 | 25.0 | 0.264 | 0.33 | 0.01 |
| 836.4 | 4182 | RMC | Left | / | 24.00 | 25.0 | 0.257 | 0.32 | 0.02 |
| 836.4 | 4182 | RMC | Right | / | 24.00 | 25.0 | 0.252 | 0.32 | 0.01 |
| 836.4 | 4182 | RMC | Bottom | / | 24.00 | 25.0 | 0.045 | 0.06 | 0.01 |
| Body-Worn Test Data | | | | | | | | | |
| 836.4 | 4182 | RMC | Front | 10mm | 24.00 | 25.0 | 0.205 | 0.26 | 0.04 |
| 836.4 | 4182 | RMC | Rear | 10mm | 24.00 | 25.0 | 0.264 | 0.33 | 0.01 |



Table 13.11: SAR Values (LTE Band 2 - Head)

| Frequency | | Ambient Temperature: 22.2°C | | | | Liquid Temperature: 21.7°C | | | |
|-----------|-------|-----------------------------|---------------|-------------------|-----------------------|----------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
| 1880 | 18900 | 1RB_50 | Left Cheek | / | 23.87 | 25.0 | 0.235 | 0.30 | 0.05 |
| 1900 | 19100 | 50RB_0 | Left Cheek | / | 22.95 | 24.0 | 0.215 | 0.27 | 0.05 |
| 1880 | 18900 | 1RB_50 | Left Tilt | 11 | 23.87 | 25.0 | 0.262 | 0.34 | -0.09 |
| 1900 | 19100 | 50RB_0 | Left Tilt | / | 22.95 | 24.0 | 0.229 | 0.29 | 0.06 |
| 1880 | 18900 | 1RB_50 | Right Cheek | / | 23.87 | 25.0 | 0.243 | 0.32 | -0.06 |
| 1900 | 19100 | 50RB_0 | Right Cheek | / | 22.95 | 24.0 | 0.198 | 0.25 | 0.02 |
| 1880 | 18900 | 1RB_50 | Right Tilt | / | 23.87 | 25.0 | 0.210 | 0.27 | 0.08 |
| 1900 | 19100 | 50RB_0 | Right Tilt | / | 22.95 | 24.0 | 0.170 | 0.22 | 0.19 |

Table 13.12: SAR Values (LTE Band 2 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|-------|-----------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.2°C | | | | | Liquid Temperature: 21.7°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 1860 | 18700 | 1RB_50 | Front | / | 20.96 | 22.0 | 0.294 | 0.37 | 0.05 |
| 1900 | 19100 | 50RB_50 | Front | / | 19.98 | 21.0 | 0.248 | 0.31 | 0.05 |
| 1860 | 18700 | 1RB_50 | Rear | / | 20.96 | 22.0 | 0.116 | 0.15 | 0.08 |
| 1900 | 19100 | 50RB_50 | Rear | / | 19.98 | 21.0 | 0.124 | 0.16 | -0.07 |
| 1880 | 18900 | 1RB_50 | Left | / | 23.87 | 25.0 | 0.310 | 0.40 | 0.10 |
| 1900 | 19100 | 50RB_0 | Left | / | 22.95 | 24.0 | 0.258 | 0.33 | 0.13 |
| 1880 | 18900 | 1RB_50 | Right | / | 23.87 | 25.0 | 0.157 | 0.20 | 0.04 |
| 1900 | 19100 | 50RB_0 | Right | / | 22.95 | 24.0 | 0.128 | 0.16 | 0.06 |
| 1860 | 18700 | 1RB_50 | Bottom | / | 20.96 | 22.0 | 0.150 | 0.19 | 0.03 |
| 1900 | 19100 | 50RB_50 | Bottom | / | 19.98 | 21.0 | 0.127 | 0.16 | 0.01 |
| Body-Worn Test Data | | | | | | | | | |
| 1880 | 18900 | 1RB_50 | Front | 11mm | 23.87 | 25.0 | 0.671 | 0.87 | 0.01 |
| 1900 | 19100 | 50RB_0 | Front | 11mm | 22.95 | 24.0 | 0.512 | 0.65 | 0.00 |
| 1900 | 19100 | 1RB_50 | Front | 11mm | 23.70 | 25.0 | 0.727 | 0.98 | 0.05 |
| 1860 | 18700 | 1RB_50 | Front | 11mm | 23.84 | 25.0 | 0.606 | 0.79 | -0.14 |
| 1900 | 19100 | 100RB | Front | 11mm | 22.83 | 24.0 | 0.541 | 0.71 | 0.03 |
| 1860 | 18700 | 1RB_50 | Rear | 10mm | 20.96 | 22.0 | 0.116 | 0.15 | 0.08 |
| 1900 | 19100 | 50RB_50 | Rear | 10mm | 19.98 | 21.0 | 0.124 | 0.16 | -0.07 |
| Sensor off Test Data | | | | | | | | | |
| 1880 | 18900 | 1RB_50 | Front | 11mm | 23.87 | 25.0 | 0.671 | 0.87 | 0.01 |
| 1900 | 19100 | 50RB_0 | Front | 11mm | 22.95 | 24.0 | 0.512 | 0.65 | 0.00 |
| 1900 | 19100 | 1RB_50 | Front | 12/11mm | 23.70 | 25.0 | 0.727 | 0.98 | 0.05 |
| 1860 | 18700 | 1RB_50 | Front | 11mm | 23.84 | 25.0 | 0.606 | 0.79 | -0.14 |
| 1900 | 19100 | 100RB | Front | 11mm | 22.83 | 24.0 | 0.541 | 0.71 | 0.03 |
| 1880 | 18900 | 1RB_50 | Rear | 17mm | 23.87 | 25.0 | 0.199 | 0.26 | 0.02 |
| 1900 | 19100 | 50RB_0 | Rear | 17mm | 22.95 | 24.0 | 0.128 | 0.16 | 0.01 |
| 1880 | 18900 | 1RB_50 | Bottom | 17mm | 23.87 | 25.0 | 0.439 | 0.57 | 0.04 |
| 1900 | 19100 | 50RB_0 | Bottom | 17mm | 22.95 | 24.0 | 0.365 | 0.46 | 0.07 |



Table 13.13: SAR Values (LTE Band 4 - Head)

| Frequency | | Ambient Temperature: 22.4°C | | | | Liquid Temperature: 21.9°C | | | |
|-----------|-------|-----------------------------|---------------|-------------------|-----------------------|----------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
| 1745 | 20300 | 1RB_50 | Left Cheek | / | 23.65 | 25.0 | 0.133 | 0.18 | 0.04 |
| 1745 | 20300 | 50RB_25 | Left Cheek | / | 22.73 | 24.0 | 0.104 | 0.14 | 0.12 |
| 1745 | 20300 | 1RB_50 | Left Tilt | / | 23.65 | 25.0 | 0.176 | 0.24 | 0.02 |
| 1745 | 20300 | 50RB_25 | Left Tilt | / | 22.73 | 24.0 | 0.139 | 0.19 | -0.05 |
| 1745 | 20300 | 1RB_50 | Right Cheek | 13 | 23.65 | 25.0 | 0.185 | 0.25 | -0.03 |
| 1745 | 20300 | 50RB_25 | Right Cheek | / | 22.73 | 24.0 | 0.145 | 0.19 | 0.08 |
| 1745 | 20300 | 1RB_50 | Right Tilt | / | 23.65 | 25.0 | 0.146 | 0.20 | 0.02 |
| 1745 | 20300 | 50RB_25 | Right Tilt | / | 22.73 | 24.0 | 0.113 | 0.15 | 0.07 |



SAR Values (LTE Band 4 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|-------|-----------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.4°C | | | | | Liquid Temperature: 21.9°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 1720 | 20050 | 1RB_50 | Front | / | 18.66 | 20.0 | 0.194 | 0.26 | 0.06 |
| 1745 | 20300 | 50RB_0 | Front | / | 17.79 | 19.0 | 0.166 | 0.22 | 0.09 |
| 1720 | 20050 | 1RB_50 | Rear | / | 18.66 | 20.0 | 0.113 | 0.15 | 0.07 |
| 1745 | 20300 | 50RB_0 | Rear | / | 17.79 | 19.0 | 0.101 | 0.13 | 0.01 |
| 1745 | 20300 | 1RB_50 | Left | / | 23.65 | 25.0 | 0.117 | 0.16 | 0.12 |
| 1745 | 20300 | 50RB_25 | Left | / | 22.73 | 24.0 | 0.094 | 0.13 | 0.10 |
| 1745 | 20300 | 1RB_50 | Right | / | 23.65 | 25.0 | 0.210 | 0.29 | 0.09 |
| 1745 | 20300 | 50RB_25 | Right | / | 22.73 | 24.0 | 0.148 | 0.20 | 0.00 |
| 1720 | 20050 | 1RB_50 | Bottom | / | 18.66 | 20.0 | 0.006 | 0.01 | 0.04 |
| 1745 | 20300 | 50RB_0 | Bottom | / | 17.79 | 19.0 | 0.150 | 0.20 | 0.02 |
| Body-Worn Test Data | | | | | | | | | |
| 1745 | 20300 | 1RB_50 | Front | 11mm | 23.65 | 25.0 | 0.746 | 1.02 | 0.04 |
| 1745 | 20300 | 50RB_25 | Front | 11mm | 22.73 | 24.0 | 0.574 | 0.77 | 0.11 |
| 1732.5 | 20175 | 1RB_50 | Front | 11mm | 23.64 | 25.0 | 0.723 | 0.99 | 0.04 |
| 1720 | 20050 | 1RB_50 | Front | 11mm | 23.64 | 25.0 | 0.698 | 0.95 | 0.12 |
| 1745 | 20300 | 100RB | Front | 11mm | 22.69 | 24.0 | 0.558 | 0.75 | 0.05 |
| 1720 | 20050 | 1RB_50 | Rear | 10mm | 18.66 | 20.0 | 0.113 | 0.15 | 0.07 |
| 1745 | 20300 | 50RB_0 | Rear | 10mm | 17.79 | 19.0 | 0.101 | 0.13 | 0.01 |
| Sensor off Test Data | | | | | | | | | |
| 1745 | 20300 | 1RB_50 | Front | 11mm | 23.65 | 25.0 | 0.746 | 1.02 | 0.04 |
| 1745 | 20300 | 50RB_25 | Front | 11mm | 22.73 | 24.0 | 0.574 | 0.77 | 0.11 |
| 1732.5 | 20175 | 1RB_50 | Front | 11mm | 23.64 | 25.0 | 0.723 | 0.99 | 0.04 |
| 1720 | 20050 | 1RB_50 | Front | 11mm | 23.64 | 25.0 | 0.698 | 0.95 | 0.12 |
| 1745 | 20300 | 100RB | Front | 11mm | 22.69 | 24.0 | 0.558 | 0.75 | 0.05 |
| 1745 | 20300 | 1RB_50 | Rear | 17mm | 23.65 | 25.0 | 0.411 | 0.56 | 0.03 |
| 1745 | 20300 | 50RB_25 | Rear | 17mm | 22.73 | 24.0 | 0.465 | 0.62 | 0.05 |
| 1745 | 20300 | 1RB_50 | Bottom | 14/17mm | 23.65 | 25.0 | 0.822 | 1.12 | 0.04 |
| 1745 | 20300 | 50RB_25 | Bottom | 17mm | 22.73 | 24.0 | 0.783 | 1.05 | 0.04 |
| 1732.5 | 20175 | 1RB_50 | Bottom | 17mm | 23.64 | 25.0 | 0.797 | 1.09 | 0.00 |
| 1720 | 20050 | 1RB_50 | Bottom | 17mm | 23.64 | 25.0 | 0.798 | 1.09 | -0.06 |
| 1732.5 | 20175 | 50RB_25 | Bottom | 17mm | 22.69 | 24.0 | 0.701 | 0.95 | 0.06 |
| 1720 | 20050 | 50RB_25 | Bottom | 17mm | 22.70 | 24.0 | 0.784 | 1.06 | -0.06 |
| 1745 | 20300 | 100RB | Bottom | 17mm | 22.69 | 24.0 | 0.715 | 0.97 | 0.04 |

Table 13.14: SAR Values (LTE Band 5 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------|-------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.8°C | | | Liquid Temperature: 22.2°C | | | | |
| 836.5 | 20525 | 1RB_24 | Left Cheek | / | 23.70 | 25.0 | 0.243 | 0.33 | 0.05 |
| 836.5 | 20525 | 25RB_0 | Left Cheek | / | 22.71 | 24.0 | 0.186 | 0.25 | 0.06 |
| 836.5 | 20525 | 1RB_24 | Left Tilt | / | 23.70 | 25.0 | 0.131 | 0.18 | 0.03 |
| 836.5 | 20525 | 25RB_0 | Left Tilt | / | 22.71 | 24.0 | 0.106 | 0.14 | 0.00 |
| 836.5 | 20525 | 1RB_24 | Right Cheek | 15 | 23.70 | 25.0 | 0.251 | 0.34 | 0.08 |
| 836.5 | 20525 | 25RB_0 | Right Cheek | / | 22.71 | 24.0 | 0.190 | 0.26 | 0.06 |
| 836.5 | 20525 | 1RB_24 | Right Tilt | / | 23.70 | 25.0 | 0.135 | 0.18 | 0.02 |
| 836.5 | 20525 | 25RB_0 | Right Tilt | / | 22.71 | 24.0 | 0.106 | 0.14 | 0.06 |

Table 13.15: SAR Values (LTE Band 5 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|-------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.8°C | | | Liquid Temperature: 22.2°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 836.5 | 20525 | 1RB_24 | Front | / | 23.70 | 25.0 | 0.233 | 0.31 | 0.03 |
| 836.5 | 20525 | 25RB_0 | Front | / | 22.71 | 24.0 | 0.190 | 0.26 | 0.01 |
| 836.5 | 20525 | 1RB_24 | Rear | 16 | 23.70 | 25.0 | 0.304 | 0.41 | -0.05 |
| 836.5 | 20525 | 25RB_0 | Rear | / | 22.71 | 24.0 | 0.249 | 0.34 | -0.02 |
| 836.5 | 20525 | 1RB_24 | Left | / | 23.70 | 25.0 | 0.250 | 0.34 | 0.01 |
| 836.5 | 20525 | 25RB_0 | Left | / | 22.71 | 24.0 | 0.202 | 0.27 | 0.02 |
| 836.5 | 20525 | 1RB_24 | Right | / | 23.70 | 25.0 | 0.259 | 0.35 | 0.03 |
| 836.5 | 20525 | 25RB_0 | Right | / | 22.71 | 24.0 | 0.209 | 0.28 | -0.05 |
| 836.5 | 20525 | 1RB_24 | Bottom | / | 23.70 | 25.0 | 0.046 | 0.06 | -0.14 |
| 836.5 | 20525 | 25RB_0 | Bottom | / | 22.71 | 24.0 | 0.041 | 0.05 | 0.00 |
| Body-Worn Test Data | | | | | | | | | |
| 836.5 | 20525 | 1RB_24 | Front | 10mm | 23.70 | 25.0 | 0.233 | 0.31 | 0.03 |
| 836.5 | 20525 | 25RB_0 | Front | 10mm | 22.71 | 24.0 | 0.190 | 0.26 | 0.01 |
| 836.5 | 20525 | 1RB_24 | Rear | 10mm | 23.70 | 25.0 | 0.304 | 0.41 | -0.05 |
| 836.5 | 20525 | 25RB_0 | Rear | 10mm | 22.71 | 24.0 | 0.249 | 0.34 | -0.02 |



Table 13.16: SAR Values (LTE Band 7 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------|-------|-----------|---------------|-------------------|-----------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| 2510 | 20850 | 1RB_50 | Left Cheek | / | 23.02 | 24.5 | 0.055 | 0.08 | 0.00 |
| 2510 | 20850 | 50RB_50 | Left Cheek | / | 22.09 | 23.5 | 0.048 | 0.07 | 0.09 |
| 2510 | 20850 | 1RB_50 | Left Tilt | / | 23.02 | 24.5 | 0.040 | 0.06 | 0.05 |
| 2510 | 20850 | 50RB_50 | Left Tilt | / | 22.09 | 23.5 | 0.037 | 0.05 | 0.12 |
| 2510 | 20850 | 1RB_50 | Right Cheek | 17 | 23.02 | 24.5 | 0.081 | 0.11 | 0.07 |
| 2510 | 20850 | 50RB_50 | Right Cheek | / | 22.09 | 23.5 | 0.066 | 0.09 | 0.03 |
| 2510 | 20850 | 1RB_50 | Right Tilt | / | 23.02 | 24.5 | 0.055 | 0.08 | 0.09 |
| 2510 | 20850 | 50RB_50 | Right Tilt | / | 22.09 | 23.5 | 0.035 | 0.05 | 0.02 |



Table 13.17: SAR Values (LTE Band 7 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|-------|-----------|---------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.8°C | | | | | Liquid Temperature: 22.3°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 2560 | 21350 | 1RB_50 | Front | / | 19.22 | 20.5 | 0.259 | 0.35 | 0.08 |
| 2510 | 20850 | 50RB_25 | Front | / | 18.26 | 19.5 | 0.213 | 0.28 | 0.16 |
| 2560 | 21350 | 1RB_50 | Rear | / | 19.22 | 20.5 | 0.232 | 0.31 | 0.08 |
| 2510 | 20850 | 50RB_25 | Rear | / | 18.26 | 19.5 | 0.187 | 0.25 | -0.04 |
| 2510 | 20850 | 1RB_50 | Left | / | 23.02 | 24.5 | 0.138 | 0.19 | 0.15 |
| 2510 | 20850 | 50RB_50 | Left | / | 22.09 | 23.5 | 0.109 | 0.15 | -0.06 |
| 2510 | 20850 | 1RB_50 | Right | / | 23.02 | 24.5 | 0.156 | 0.22 | -0.02 |
| 2510 | 20850 | 50RB_50 | Right | / | 22.09 | 23.5 | 0.128 | 0.18 | -0.05 |
| 2560 | 21350 | 1RB_50 | Bottom | / | 19.22 | 20.5 | 0.300 | 0.40 | -0.05 |
| 2510 | 20850 | 50RB_25 | Bottom | / | 18.26 | 19.5 | 0.282 | 0.38 | 0.04 |
| Body-Worn Test Data | | | | | | | | | |
| 2510 | 20850 | 1RB_50 | Front | 11mm | 23.02 | 24.5 | 0.708 | 1.00 | 0.03 |
| 2510 | 20850 | 50RB_50 | Front | 11mm | 22.09 | 23.5 | 0.513 | 0.71 | 0.12 |
| 2560 | 21350 | 1RB_50 | Front | 11mm | 23.01 | 24.5 | 0.551 | 0.78 | 0.14 |
| 2535 | 21100 | 1RB_50 | Front | 11mm | 22.94 | 24.5 | 0.588 | 0.84 | 0.06 |
| 2510 | 20850 | 100RB | Front | 11mm | 22.05 | 23.5 | 0.505 | 0.71 | 0.05 |
| 2560 | 21350 | 1RB_50 | Rear | 10mm | 19.22 | 20.5 | 0.232 | 0.31 | 0.08 |
| 2510 | 20850 | 50RB_25 | Rear | 10mm | 18.26 | 19.5 | 0.187 | 0.25 | -0.04 |
| Sensor off Test Data | | | | | | | | | |
| 2510 | 20850 | 1RB_50 | Front | 11mm | 23.02 | 24.5 | 0.708 | 1.00 | 0.03 |
| 2510 | 20850 | 50RB_50 | Front | 11mm | 22.09 | 23.5 | 0.513 | 0.71 | 0.12 |
| 2560 | 21350 | 1RB_50 | Front | 11mm | 23.01 | 24.5 | 0.551 | 0.78 | 0.14 |
| 2535 | 21100 | 1RB_50 | Front | 11mm | 22.94 | 24.5 | 0.588 | 0.84 | 0.06 |
| 2510 | 20850 | 100RB | Front | 11mm | 22.05 | 23.5 | 0.505 | 0.71 | 0.05 |
| 2510 | 20850 | 1RB_50 | Rear | 17mm | 23.02 | 24.5 | 0.277 | 0.39 | 0.07 |
| 2510 | 20850 | 50RB_50 | Rear | 17mm | 22.09 | 23.5 | 0.280 | 0.39 | 0.06 |
| 2510 | 20850 | 1RB_50 | Bottom | 17mm | 23.02 | 24.5 | 0.787 | 1.11 | 0.01 |
| 2510 | 20850 | 50RB_50 | Bottom | 17mm | 22.09 | 23.5 | 0.640 | 0.89 | 0.11 |
| 2560 | 21350 | 1RB_50 | Bottom | 17mm | 23.01 | 24.5 | 0.763 | 1.08 | 0.14 |
| 2535 | 21100 | 1RB_50 | Bottom | 18/17mm | 22.94 | 24.5 | 0.797 | 1.14 | 0.06 |
| 2560 | 21350 | 50RB_25 | Bottom | 17mm | 22.04 | 23.5 | 0.597 | 0.84 | 0.01 |
| 2535 | 21100 | 50RB_25 | Bottom | 17mm | 22.07 | 23.5 | 0.699 | 0.97 | -0.02 |
| 2510 | 20850 | 100RB | Bottom | 17mm | 22.05 | 23.5 | 0.628 | 0.88 | 0.05 |

Table 13.18: SAR Values (LTE Band 12 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------|-------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.5°C | | | Liquid Temperature: 22.0°C | | | | |
| 707.5 | 23095 | 1RB_24 | Left Cheek | 19 | 23.88 | 25.0 | 0.196 | 0.25 | 0.06 |
| 707.5 | 23095 | 25RB_25 | Left Cheek | / | 22.93 | 24.0 | 0.148 | 0.19 | 0.01 |
| 707.5 | 23095 | 1RB_24 | Left Tilt | / | 23.88 | 25.0 | 0.106 | 0.14 | 0.07 |
| 707.5 | 23095 | 25RB_25 | Left Tilt | / | 22.93 | 24.0 | 0.082 | 0.11 | 0.08 |
| 707.5 | 23095 | 1RB_24 | Right Cheek | / | 23.88 | 25.0 | 0.190 | 0.25 | 0.04 |
| 707.5 | 23095 | 25RB_25 | Right Cheek | / | 22.93 | 24.0 | 0.151 | 0.19 | 0.05 |
| 707.5 | 23095 | 1RB_24 | Right Tilt | / | 23.88 | 25.0 | 0.106 | 0.14 | 0.19 |
| 707.5 | 23095 | 25RB_25 | Right Tilt | / | 22.93 | 24.0 | 0.084 | 0.11 | 0.13 |

Table 13.19: SAR Values (LTE Band 12 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|-------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.5°C | | | Liquid Temperature: 22.0°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 707.5 | 23095 | 1RB_24 | Front | / | 23.88 | 25.0 | 0.252 | 0.33 | 0.01 |
| 707.5 | 23095 | 25RB_25 | Front | / | 22.93 | 24.0 | 0.206 | 0.26 | 0.05 |
| 707.5 | 23095 | 1RB_24 | Rear | 20 | 23.88 | 25.0 | 0.358 | 0.46 | 0.03 |
| 707.5 | 23095 | 25RB_25 | Rear | / | 22.93 | 24.0 | 0.282 | 0.36 | -0.01 |
| 707.5 | 23095 | 1RB_24 | Left | / | 23.88 | 25.0 | 0.331 | 0.43 | 0.01 |
| 707.5 | 23095 | 25RB_25 | Left | / | 22.93 | 24.0 | 0.268 | 0.34 | 0.03 |
| 707.5 | 23095 | 1RB_24 | Right | / | 23.88 | 25.0 | 0.346 | 0.45 | 0.05 |
| 707.5 | 23095 | 25RB_25 | Right | / | 22.93 | 24.0 | 0.281 | 0.36 | 0.01 |
| 707.5 | 23095 | 1RB_24 | Bottom | / | 23.88 | 25.0 | 0.033 | 0.04 | 0.06 |
| 707.5 | 23095 | 25RB_25 | Bottom | / | 22.93 | 24.0 | 0.028 | 0.04 | -0.03 |
| Body-Worn Test Data | | | | | | | | | |
| 707.5 | 23095 | 1RB_24 | Front | 10mm | 23.88 | 25.0 | 0.252 | 0.33 | 0.01 |
| 707.5 | 23095 | 25RB_25 | Front | 10mm | 22.93 | 24.0 | 0.206 | 0.26 | 0.05 |
| 707.5 | 23095 | 1RB_24 | Rear | 10mm | 23.88 | 25.0 | 0.358 | 0.46 | 0.03 |
| 707.5 | 23095 | 25RB_25 | Rear | 10mm | 22.93 | 24.0 | 0.282 | 0.36 | -0.01 |

Table 13.20: SAR Values (LTE Band 17 - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|-----------|-------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.5°C | | | Liquid Temperature: 22.0°C | | | | |
| 711 | 23800 | 1RB_24 | Left Cheek | / | 24.02 | 25.0 | 0.201 | 0.25 | 0.11 |
| 711 | 23800 | 25RB_12 | Left Cheek | / | 22.96 | 24.0 | 0.152 | 0.19 | 0.18 |
| 711 | 23800 | 1RB_24 | Left Tilt | / | 24.02 | 25.0 | 0.111 | 0.14 | 0.07 |
| 711 | 23800 | 25RB_12 | Left Tilt | / | 22.96 | 24.0 | 0.086 | 0.11 | 0.09 |
| 711 | 23800 | 1RB_24 | Right Cheek | 23 | 24.02 | 25.0 | 0.208 | 0.26 | 0.15 |
| 711 | 23800 | 25RB_12 | Right Cheek | / | 22.96 | 24.0 | 0.157 | 0.20 | -0.10 |
| 711 | 23800 | 1RB_24 | Right Tilt | / | 24.02 | 25.0 | 0.109 | 0.14 | 0.04 |
| 711 | 23800 | 25RB_12 | Right Tilt | / | 22.96 | 24.0 | 0.087 | 0.11 | 0.17 |

Table 13.21: SAR Values (LTE Band 17 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|-------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| | | Ambient Temperature: 22.5°C | | | Liquid Temperature: 22.0°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 711 | 23800 | 1RB_24 | Front | / | 24.02 | 25.0 | 0.216 | 0.27 | -0.04 |
| 711 | 23800 | 25RB_12 | Front | / | 22.96 | 24.0 | 0.162 | 0.21 | 0.03 |
| 711 | 23800 | 1RB_24 | Rear | 24 | 24.02 | 25.0 | 0.314 | 0.39 | 0.02 |
| 711 | 23800 | 25RB_12 | Rear | / | 22.96 | 24.0 | 0.244 | 0.31 | 0.05 |
| 711 | 23800 | 1RB_24 | Left | / | 24.02 | 25.0 | 0.301 | 0.38 | -0.01 |
| 711 | 23800 | 25RB_12 | Left | / | 22.96 | 24.0 | 0.265 | 0.34 | 0.00 |
| 711 | 23800 | 1RB_24 | Right | / | 24.02 | 25.0 | 0.306 | 0.38 | 0.00 |
| 711 | 23800 | 25RB_12 | Right | / | 22.96 | 24.0 | 0.291 | 0.37 | -0.07 |
| 711 | 23800 | 1RB_24 | Bottom | / | 24.02 | 25.0 | 0.038 | 0.05 | 0.08 |
| 711 | 23800 | 25RB_12 | Bottom | / | 22.96 | 24.0 | 0.030 | 0.04 | -0.07 |
| Body-Worn Test Data | | | | | | | | | |
| 711 | 23800 | 1RB_24 | Front | 10mm | 24.02 | 25.0 | 0.216 | 0.27 | -0.04 |
| 711 | 23800 | 25RB_12 | Front | 10mm | 22.96 | 24.0 | 0.162 | 0.21 | 0.03 |
| 711 | 23800 | 1RB_24 | Rear | 10mm | 24.02 | 25.0 | 0.314 | 0.39 | 0.02 |
| 711 | 23800 | 25RB_12 | Rear | 10mm | 22.96 | 24.0 | 0.244 | 0.31 | 0.05 |



Table 13.22: SAR Values (LTE Band 66 - Head)

| Frequency | | Ambient Temperature: 22.4°C | | | Liquid Temperature: 21.9°C | | | | |
|-----------|--------|-----------------------------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
| 1770 | 132572 | 1RB_50 | Left Cheek | / | 23.64 | 25.0 | 0.174 | 0.24 | 0.04 |
| 1745 | 132322 | 50RB_0 | Left Cheek | / | 22.81 | 24.0 | 0.082 | 0.11 | 0.03 |
| 1770 | 132572 | 1RB_50 | Left Tilt | / | 23.64 | 25.0 | 0.198 | 0.27 | 0.04 |
| 1745 | 132322 | 50RB_0 | Left Tilt | / | 22.81 | 24.0 | 0.112 | 0.15 | 0.03 |
| 1770 | 132572 | 1RB_50 | Right Cheek | 25 | 23.64 | 25.0 | 0.205 | 0.28 | 0.05 |
| 1745 | 132322 | 50RB_0 | Right Cheek | / | 22.81 | 24.0 | 0.150 | 0.20 | 0.03 |
| 1770 | 132572 | 1RB_50 | Right Tilt | / | 23.64 | 25.0 | 0.167 | 0.23 | 0.16 |
| 1745 | 132322 | 50RB_0 | Right Tilt | / | 22.81 | 24.0 | 0.112 | 0.15 | 0.02 |

Table 13.23: SAR Values (LTE Band 66 - Body)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
|---------------------------------|--------|-----------|---------------|-------------------|----------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | | | | | |
| Ambient Temperature: 22.4°C | | | | | Liquid Temperature: 21.9°C | | | | |
| Hotspot Test Data (10mm) | | | | | | | | | |
| 1745 | 132322 | 1RB_50 | Front | / | 18.74 | 20.0 | 0.199 | 0.27 | 0.14 |
| 1720 | 132072 | 50RB_50 | Front | / | 17.82 | 19.0 | 0.161 | 0.21 | 0.07 |
| 1745 | 132322 | 1RB_50 | Rear | / | 18.74 | 20.0 | 0.093 | 0.12 | 0.07 |
| 1720 | 132072 | 50RB_50 | Rear | / | 17.82 | 19.0 | 0.112 | 0.15 | 0.09 |
| 1770 | 132572 | 1RB_50 | Left | / | 23.64 | 25.0 | 0.150 | 0.21 | 0.11 |
| 1745 | 132322 | 50RB_0 | Left | / | 22.81 | 24.0 | 0.087 | 0.11 | 0.05 |
| 1770 | 132572 | 1RB_50 | Right | / | 23.64 | 25.0 | 0.225 | 0.31 | -0.05 |
| 1745 | 132322 | 50RB_0 | Right | / | 22.81 | 24.0 | 0.189 | 0.25 | -0.07 |
| 1745 | 132322 | 1RB_50 | Bottom | / | 18.74 | 20.0 | 0.139 | 0.19 | 0.00 |
| 1720 | 132072 | 50RB_50 | Bottom | / | 17.82 | 19.0 | 0.135 | 0.18 | 0.05 |
| Body-Worn Test Data | | | | | | | | | |
| 1770 | 132572 | 1RB_50 | Front | 11mm | 23.64 | 25.0 | 0.623 | 0.85 | 0.03 |
| 1745 | 132322 | 50RB_0 | Front | 11mm | 22.81 | 24.0 | 0.595 | 0.78 | 0.12 |
| 1745 | 132322 | 1RB_50 | Front | 11mm | 23.60 | 25.0 | 0.666 | 0.92 | 0.08 |
| 1720 | 132072 | 1RB_50 | Front | 11mm | 23.57 | 25.0 | 0.542 | 0.75 | 0.06 |
| 1745 | 132322 | 100RB | Front | 11mm | 22.70 | 24.0 | 0.493 | 0.67 | 0.03 |
| 1745 | 132322 | 1RB_50 | Rear | 10mm | 18.74 | 20.0 | 0.093 | 0.12 | 0.07 |
| 1720 | 132072 | 50RB_50 | Rear | 10mm | 17.82 | 19.0 | 0.112 | 0.15 | 0.09 |
| Sensor off Test Data | | | | | | | | | |
| 1770 | 132572 | 1RB_50 | Front | 11mm | 23.64 | 25.0 | 0.623 | 0.85 | 0.03 |
| 1745 | 132322 | 50RB_0 | Front | 11mm | 22.81 | 24.0 | 0.595 | 0.78 | 0.12 |
| 1745 | 132322 | 1RB_50 | Front | 11mm | 23.60 | 25.0 | 0.666 | 0.92 | 0.08 |
| 1720 | 132072 | 1RB_50 | Front | 11mm | 23.57 | 25.0 | 0.542 | 0.75 | 0.06 |
| 1745 | 132322 | 100RB | Front | 11mm | 22.70 | 24.0 | 0.493 | 0.67 | 0.03 |
| 1770 | 132572 | 1RB_50 | Rear | 17mm | 23.64 | 25.0 | 0.572 | 0.78 | 0.05 |
| 1745 | 132322 | 50RB_0 | Rear | 17mm | 22.81 | 24.0 | 0.478 | 0.63 | 0.18 |
| 1770 | 132572 | 1RB_50 | Bottom | 17mm | 23.64 | 25.0 | 0.777 | 1.06 | 0.05 |
| 1745 | 132322 | 50RB_0 | Bottom | 17mm | 22.81 | 24.0 | 0.716 | 0.94 | 0.04 |
| 1745 | 132322 | 1RB_50 | Bottom | 26/17mm | 23.60 | 25.0 | 0.851 | 1.17 | -0.12 |
| 1720 | 132072 | 1RB_50 | Bottom | 17mm | 23.57 | 25.0 | 0.685 | 0.95 | -0.06 |
| 1770 | 132572 | 50RB_25 | Bottom | 17mm | 22.75 | 24.0 | 0.613 | 0.82 | 0.00 |
| 1720 | 132072 | 50RB_25 | Bottom | 17mm | 22.63 | 24.0 | 0.785 | 1.08 | 0.04 |
| 1745 | 132322 | 100RB | Bottom | 17mm | 22.70 | 24.0 | 0.679 | 0.92 | -0.05 |

13.3. WLAN Evaluation for 2.4G

According to the KDB248227 D01, SAR is measured for 2.4GHz 802.11b DSSS using the initial test position procedure.

Table 13.24: SAR Values (WLAN 2.4G - Head)

| Frequency | | Test Mode | Test Position | Figure No. / Note | Ambient Temperature: 22.6°C | | Liquid Temperature: 22.1°C | | |
|-----------|-----|-----------|---------------|-------------------|-----------------------------|--------------------------|----------------------------|-------------------------|-----------------|
| MHz | Ch. | | | | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift(dB) |
| 2462 | 11 | 802.11b | Left Cheek | / | 18.28 | 18.5 | 0.836 | 0.88 | -0.07 |
| 2462 | 11 | 802.11b | Left Tilt | / | 18.28 | 18.5 | 0.608 | 0.64 | -0.01 |
| 2462 | 11 | 802.11b | Right Cheek | / | 18.28 | 18.5 | 0.353 | 0.37 | 0.03 |
| 2462 | 11 | 802.11b | Right Tilt | / | 18.28 | 18.5 | 0.302 | 0.32 | 0.11 |
| 2437 | 6 | 802.11b | Left Cheek | 27 | 18.11 | 18.5 | 0.925 | 1.01 | 0.06 |

Note1: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.25: SAR Values (WLAN - Head) – 802.11b (Scaled Reported SAR)

| Frequency | | Test Position | Actual duty factor | maximum duty factor | Reported SAR (1g)(W/kg) | Scaled reported SAR (1g)(W/kg) |
|-----------|-----|---------------|--------------------|---------------------|-------------------------|--------------------------------|
| MHz | Ch. | | | | | |
| 2437 | 6 | Left Cheek | 100% | 100% | 1.01 | 1.01 |

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.