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|----|-------------|------|------|-----|----|---------------|-------------|-----|-------|-------|--------|---------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 2 | ECI 7 | 55830 | 3609 | 16.78 | 18.00 | 1.324 | 62.9 | 1.006 | 0.03 | 0.008 | 0.011 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 2 | ECI 7 | 55830 | 3609 | 16.75 | 18.00 | 1.334 | 62.9 | 1.006 | 0.04 | 0.010 | 0.013 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | ECI 7 | 55830 | 3609 | 16.78 | 18.00 | 1.324 | 62.9 | 1.006 | -0.08 | 0.103 | 0.137 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | ECI 7 | 55830 | 3609 | 16.75 | 18.00 | 1.334 | 62.9 | 1.006 | 0.16 | 0.053 | 0.071 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.93 | 17.00 | 1.279 | 62.9 | 1.006 | -0.02 | 0.213 | 0.274 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.87 | 17.00 | 1.297 | 62.9 | 1.006 | -0.02 | 0.204 | 0.266 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.93 | 17.00 | 1.279 | 62.9 | 1.006 | -0.18 | 0.410 | 0.528 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.87 | 17.00 | 1.297 | 62.9 | 1.006 | 0.06 | 0.393 | 0.513 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.93 | 17.00 | 1.279 | 62.9 | 1.006 | 0.05 | 0.067 | 0.086 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.87 | 17.00 | 1.297 | 62.9 | 1.006 | 0.15 | 0.030 | 0.039 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.93 | 17.00 | 1.279 | 62.9 | 1.006 | 0.09 | 0.455 | 0.586 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.87 | 17.00 | 1.297 | 62.9 | 1.006 | 0.09 | 0.322 | 0.420 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.93 | 17.00 | 1.279 | 62.9 | 1.006 | -0.06 | 0.410 | 0.528 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 7 | ECI 7 | 55830 | 3609 | 15.87 | 17.00 | 1.297 | 62.9 | 1.006 | 0.1 | 0.390 | 0.509 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.34 | 20.50 | 1.306 | 62.9 | 1.006 | -0.11 | 0.267 | 0.351 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.31 | 20.50 | 1.315 | 62.9 | 1.006 | 0.05 | 0.237 | 0.314 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.34 | 20.50 | 1.306 | 62.9 | 1.006 | 0.17 | 0.440 | 0.578 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.31 | 20.50 | 1.315 | 62.9 | 1.006 | 0.18 | 0.329 | 0.435 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.34 | 20.50 | 1.306 | 62.9 | 1.006 | -0.08 | 0.030 | 0.039 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.31 | 20.50 | 1.315 | 62.9 | 1.006 | 0.09 | 0.020 | 0.026 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.34 | 20.50 | 1.306 | 62.9 | 1.006 | -0.01 | 0.899 | 1.181 |
| 59 | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 55340 | 3560 | 19.31 | 20.50 | 1.315 | 62.9 | 1.006 | -0.02 | 0.915 | 1.211 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 56150 | 3641 | 19.29 | 20.50 | 1.321 | 62.9 | 1.006 | 0.13 | 0.785 | 1.043 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 56640 | 3690 | 19.25 | 20.50 | 1.334 | 62.9 | 1.006 | 0.14 | 0.750 | 1.006 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.31 | 20.50 | 1.315 | 62.9 | 1.006 | 0.08 | 0.859 | 1.137 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 55340 | 3560 | 19.29 | 20.50 | 1.321 | 62.9 | 1.006 | -0.13 | 0.871 | 1.158 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 56150 | 3641 | 19.28 | 20.50 | 1.324 | 62.9 | 1.006 | -0.14 | 0.856 | 1.140 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 56640 | 3690 | 19.15 | 20.50 | 1.365 | 62.9 | 1.006 | 0.03 | 0.863 | 1.185 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.27 | 20.50 | 1.327 | 62.9 | 1.006 | -0.19 | 0.848 | 1.132 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.34 | 20.50 | 1.306 | 62.9 | 1.006 | -0.08 | 0.160 | 0.210 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 5 | ECI 7 | 55830 | 3609 | 19.31 | 20.50 | 1.315 | 62.9 | 1.006 | 0.03 | 0.111 | 0.147 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.46 | 15.00 | 1.132 | - | - | 0.02 | 0.114 | 0.129 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.42 | 15.00 | 1.143 | - | - | 0.03 | 0.145 | 0.166 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.46 | 15.00 | 1.132 | - | - | 0.07 | 0.162 | 0.183 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.42 | 15.00 | 1.143 | - | - | -0.06 | 0.202 | 0.231 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.46 | 15.00 | 1.132 | - | - | 0.1 | 0.356 | 0.403 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.42 | 15.00 | 1.143 | - | - | -0.06 | 0.366 | 0.418 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.46 | 15.00 | 1.132 | - | - | 0.04 | 0.005 | 0.006 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.42 | 15.00 | 1.143 | - | - | 0.07 | 0.008 | 0.009 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.46 | 15.00 | 1.132 | - | - | 0.19 | 0.025 | 0.028 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 4 | ECI 7 | 641666 | 3624.99 | 14.42 | 15.00 | 1.143 | - | - | 0.11 | 0.029 | 0.033 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.56 | 19.00 | 1.107 | - | - | 0.07 | 0.404 | 0.447 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.48 | 19.00 | 1.127 | - | - | 0.06 | 0.492 | 0.555 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.56 | 19.00 | 1.107 | - | - | -0.04 | 0.406 | 0.449 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.48 | 19.00 | 1.127 | - | - | -0.03 | 0.417 | 0.470 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.56 | 19.00 | 1.107 | - | - | 0.03 | 0.995 | 1.101 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.48 | 19.00 | 1.127 | - | - | 0.06 | 1.010 | 1.138 |
| | FR1 n48 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.42 | 19.00 | 1.143 | - | - | 0.17 | 0.926 | 1.058 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.56 | 19.00 | 1.107 | - | - | 0.15 | 0.017 | 0.019 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.48 | 19.00 | 1.127 | - | - | 0.12 | 0.015 | 0.017 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.56 | 19.00 | 1.107 | - | - | -0.16 | 0.168 | 0.186 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | ECI 7 | 641666 | 3624.99 | 18.48 | 19.00 | 1.127 | - | - | -0.17 | 0.139 | 0.157 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.76 | 16.00 | 1.330 | - | - | 0.02 | 0.179 | 0.238 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.66 | 16.00 | 1.361 | - | - | -0.05 | 0.183 | 0.249 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.76 | 16.00 | 1.330 | - | - | -0.01 | 0.375 | 0.499 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.66 | 16.00 | 1.361 | - | - | 0.16 | 0.295 | 0.402 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.76 | 16.00 | 1.330 | - | - | -0.01 | 0.035 | 0.047 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.66 | 16.00 | 1.361 | - | - | -0.06 | 0.030 | 0.041 |

**FCC SAR Test Report**

Report No. : FA322305

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|----|-------------|------|------|-----|----|---------------|-------------|-----|-------|-------|--------|---------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.76 | 16.00 | 1.330 | - | - | -0.08 | 0.343 | 0.456 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.66 | 16.00 | 1.361 | - | - | 0.17 | 0.387 | 0.527 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.76 | 16.00 | 1.330 | - | - | 0.11 | 0.334 | 0.444 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | ECI 7 | 641666 | 3624.99 | 14.66 | 16.00 | 1.361 | - | - | -0.03 | 0.306 | 0.417 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | -0.07 | 0.288 | 0.341 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.22 | 22.00 | 1.197 | - | - | -0.04 | 0.336 | 0.402 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | 0.11 | 0.486 | 0.575 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.22 | 22.00 | 1.197 | - | - | 0.09 | 0.552 | 0.661 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | 0.08 | 0.037 | 0.044 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.22 | 22.00 | 1.197 | - | - | 0.03 | 0.000 | 0.000 |
| 60 | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | -0.02 | 1.040 | 1.230 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.22 | 22.00 | 1.197 | - | - | 0.1 | 0.999 | 1.196 |
| | FR1 n48 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.16 | 22.00 | 1.213 | - | - | 0.04 | 0.854 | 1.036 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | 0.03 | 0.225 | 0.266 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.22 | 22.00 | 1.197 | - | - | 0.03 | 0.230 | 0.275 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.65 | 16.50 | 1.216 | - | - | 0.05 | 0.142 | 0.173 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.59 | 16.50 | 1.233 | - | - | -0.1 | 0.170 | 0.210 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.65 | 16.50 | 1.216 | - | - | 0.05 | 0.239 | 0.291 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.59 | 16.50 | 1.233 | - | - | 0.07 | 0.247 | 0.305 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.65 | 16.50 | 1.216 | - | - | 0.06 | 0.363 | 0.441 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.59 | 16.50 | 1.233 | - | - | -0.09 | 0.479 | 0.591 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.65 | 16.50 | 1.216 | - | - | -0.09 | 0.007 | 0.009 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.59 | 16.50 | 1.233 | - | - | 0.04 | 0.007 | 0.009 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.65 | 16.50 | 1.216 | - | - | -0.07 | 0.048 | 0.058 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 4 | ECI 7 | 656000 | 3840 | 15.59 | 16.50 | 1.233 | - | - | 0.07 | 0.044 | 0.054 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.65 | 16.50 | 1.216 | - | - | 0.03 | 0.142 | 0.173 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.60 | 16.50 | 1.230 | - | - | 0.03 | 0.116 | 0.143 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.65 | 16.50 | 1.216 | - | - | 0.15 | 0.210 | 0.255 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.60 | 16.50 | 1.230 | - | - | -0.1 | 0.127 | 0.156 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.65 | 16.50 | 1.216 | - | - | 0.05 | 0.488 | 0.593 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.60 | 16.50 | 1.230 | - | - | 0.17 | 0.337 | 0.415 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.65 | 16.50 | 1.216 | - | - | 0.02 | 0.010 | 0.012 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.60 | 16.50 | 1.230 | - | - | 0.02 | 0.000 | 0.000 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.65 | 16.50 | 1.216 | - | - | -0.06 | 0.041 | 0.050 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 4 | ECI 7 | 633334 | 3500.01 | 15.60 | 16.50 | 1.230 | - | - | -0.08 | 0.024 | 0.030 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.68 | 18.50 | 1.208 | - | - | -0.06 | 0.144 | 0.174 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.65 | 18.50 | 1.216 | - | - | -0.19 | 0.170 | 0.207 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.68 | 18.50 | 1.208 | - | - | 0.04 | 0.201 | 0.243 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.65 | 18.50 | 1.216 | - | - | 0.08 | 0.251 | 0.305 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.68 | 18.50 | 1.208 | - | - | 0.03 | 0.458 | 0.553 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.65 | 18.50 | 1.216 | - | - | -0.05 | 0.525 | 0.638 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.68 | 18.50 | 1.208 | - | - | -0.15 | 0.015 | 0.018 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.65 | 18.50 | 1.216 | - | - | -0.15 | 0.015 | 0.018 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.68 | 18.50 | 1.208 | - | - | 0.17 | 0.242 | 0.292 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | ECI 7 | 656000 | 3840 | 17.65 | 18.50 | 1.216 | - | - | -0.03 | 0.190 | 0.231 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.66 | 18.50 | 1.213 | - | - | 0.07 | 0.251 | 0.305 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.54 | 18.50 | 1.247 | - | - | 0.04 | 0.378 | 0.472 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.66 | 18.50 | 1.213 | - | - | 0.04 | 0.380 | 0.461 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.54 | 18.50 | 1.247 | - | - | -0.07 | 0.429 | 0.535 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.66 | 18.50 | 1.213 | - | - | 0.03 | 0.716 | 0.869 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.54 | 18.50 | 1.247 | - | - | 0.01 | 0.872 | 1.088 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.57 | 18.50 | 1.239 | - | - | -0.06 | 0.733 | 0.908 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.66 | 18.50 | 1.213 | - | - | -0.06 | 0.028 | 0.034 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.54 | 18.50 | 1.247 | - | - | -0.09 | 0.021 | 0.026 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.66 | 18.50 | 1.213 | - | - | 0.08 | 0.352 | 0.427 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | ECI 7 | 633334 | 3500.01 | 17.54 | 18.50 | 1.247 | - | - | -0.07 | 0.331 | 0.413 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | ECI 7 | 656000 | 3840 | 16.24 | 17.30 | 1.276 | - | - | -0.02 | 0.140 | 0.179 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | ECI 7 | 656000 | 3840 | 16.16 | 17.30 | 1.300 | - | - | 0.1 | 0.132 | 0.172 |



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | | | | | | | | | |
|----|-------------|------|------|-----|----|---------------|-------------|-----|-------|-------|--------|---------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.24 | 17.30 | 1.276 | - | - | 0.03 | 0.285 | 0.364 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.16 | 17.30 | 1.300 | - | - | 0.17 | 0.226 | 0.294 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.24 | 17.30 | 1.276 | - | - | 0.06 | 0.010 | 0.013 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.16 | 17.30 | 1.300 | - | - | 0.04 | 0.014 | 0.018 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.24 | 17.30 | 1.276 | - | - | 0.03 | 0.501 | 0.639 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.16 | 17.30 | 1.300 | - | - | 0.02 | 0.431 | 0.560 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.24 | 17.30 | 1.276 | - | - | 0.16 | 0.064 | 0.082 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | ECl 7 | 656000 | 3840 | 16.16 | 17.30 | 1.300 | - | - | 0.07 | 0.073 | 0.095 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.32 | 17.30 | 1.253 | - | - | 0.17 | 0.216 | 0.271 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.26 | 17.30 | 1.271 | - | - | 0.05 | 0.249 | 0.316 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.32 | 17.30 | 1.253 | - | - | 0.05 | 0.451 | 0.565 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.26 | 17.30 | 1.271 | - | - | 0.14 | 0.561 | 0.713 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.32 | 17.30 | 1.253 | - | - | -0.05 | 0.103 | 0.129 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.26 | 17.30 | 1.271 | - | - | 0.09 | 0.125 | 0.159 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.32 | 17.30 | 1.253 | - | - | 0.02 | 0.306 | 0.383 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.26 | 17.30 | 1.271 | - | - | -0.09 | 0.328 | 0.417 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.32 | 17.30 | 1.253 | - | - | 0.06 | 0.409 | 0.513 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | ECl 7 | 633334 | 3500.01 | 16.26 | 17.30 | 1.271 | - | - | 0.02 | 0.502 | 0.638 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.45 | 20.50 | 1.274 | - | - | 0.09 | 0.204 | 0.260 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.39 | 20.50 | 1.291 | - | - | -0.17 | 0.176 | 0.227 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.45 | 20.50 | 1.274 | - | - | 0.09 | 0.288 | 0.367 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.39 | 20.50 | 1.291 | - | - | 0.11 | 0.240 | 0.310 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.45 | 20.50 | 1.274 | - | - | 0.14 | 0.014 | 0.018 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.39 | 20.50 | 1.291 | - | - | -0.05 | 0.014 | 0.018 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.45 | 20.50 | 1.274 | - | - | -0.08 | 0.479 | 0.610 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.39 | 20.50 | 1.291 | - | - | 0.08 | 0.435 | 0.562 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.45 | 20.50 | 1.274 | - | - | -0.14 | 0.077 | 0.098 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | ECl 7 | 656000 | 3840 | 19.39 | 20.50 | 1.291 | - | - | -0.14 | 0.042 | 0.054 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | 0.08 | 0.291 | 0.335 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.85 | 20.50 | 1.161 | - | - | -0.16 | 0.289 | 0.336 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | -0.17 | 0.495 | 0.570 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.85 | 20.50 | 1.161 | - | - | 0.02 | 0.428 | 0.497 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | 0.02 | 0.195 | 0.224 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.85 | 20.50 | 1.161 | - | - | 0.07 | 0.144 | 0.167 |
| 61 | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | -0.08 | 0.987 | 1.136 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.85 | 20.50 | 1.161 | - | - | 0.15 | 0.879 | 1.021 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.74 | 20.50 | 1.191 | - | - | -0.05 | 0.867 | 1.033 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | -0.09 | 0.154 | 0.177 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | ECl 7 | 633334 | 3500.01 | 19.85 | 20.50 | 1.161 | - | - | 0.04 | 0.132 | 0.153 |



| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|----------------|------------|---------------------|---------------|----------|------------|----------------------------------|-----|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|
| 2450MHz | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 3+8(3) | Simultaneous | 11 | 2462 | 15.22 | 16.50 | 1.343 | 99.31 | 1.007 | 0.02 | 0.250 | 0.338 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 3+8(3) | Simultaneous | 11 | 2462 | 15.22 | 16.50 | 1.343 | 99.31 | 1.007 | 0.19 | 0.379 | 0.512 |
| 62 | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 3+8(3) | Simultaneous | 11 | 2462 | 15.22 | 16.50 | 1.343 | 99.31 | 1.007 | 0.01 | 0.472 | 0.638 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 3+8(3) | Simultaneous | 1 | 2412 | 14.81 | 16.50 | 1.476 | 99.31 | 1.007 | 0.04 | 0.415 | 0.617 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 3+8(3) | Simultaneous | 6 | 2437 | 14.83 | 16.50 | 1.469 | 99.31 | 1.007 | 0.01 | 0.406 | 0.601 |
| | WLAN2.4GHz | 802.11b 1Mbps | Top side | 5mm | Ant 3+8(3) | Simultaneous | 11 | 2462 | 15.22 | 16.50 | 1.343 | 99.31 | 1.007 | 0.07 | 0.361 | 0.488 |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 8 | Simultaneous | 6 | 2437 | 10.23 | 11.00 | 1.194 | 99.31 | 1.007 | 0.04 | 0.001 | 0.001 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 8 | Simultaneous | 6 | 2437 | 10.23 | 11.00 | 1.194 | 99.31 | 1.007 | 0.09 | 0.018 | 0.022 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 8 | Simultaneous | 6 | 2437 | 10.23 | 11.00 | 1.194 | 99.31 | 1.007 | 0.16 | 0.098 | 0.118 |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 5mm | Ant 8 | Simultaneous | 6 | 2437 | 10.23 | 11.00 | 1.194 | 99.31 | 1.007 | -0.08 | 0.001 | 0.001 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 8 | Simultaneous | 1 | 2412 | 9.97 | 11.00 | 1.268 | 99.31 | 1.007 | 0.01 | 0.089 | 0.114 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 8 | Simultaneous | 11 | 2462 | 9.86 | 11.00 | 1.300 | 99.31 | 1.007 | 0.05 | 0.088 | 0.115 |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 3 | Hotspot on | 39 | 2441 | 10.01 | 11.00 | 1.256 | 76.40 | 1.090 | 0.17 | 0.047 | 0.064 |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 3 | Hotspot on | 39 | 2441 | 10.01 | 11.00 | 1.256 | 76.40 | 1.090 | -0.06 | 0.070 | 0.096 |
| | Bluetooth | 1Mbps | Right Side | 5mm | Ant 3 | Hotspot on | 39 | 2441 | 10.01 | 11.00 | 1.256 | 76.40 | 1.090 | -0.02 | 0.023 | 0.031 |
| 63 | Bluetooth | 1Mbps | Top Side | 5mm | Ant 3 | Hotspot on | 39 | 2441 | 10.01 | 11.00 | 1.256 | 76.40 | 1.090 | 0.01 | 0.104 | 0.142 |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 3 | Simultaneous For WLAN 2.4G Ant 8 | 39 | 2441 | 6.26 | 7.00 | 1.186 | 76.40 | 1.090 | 0.15 | 0.001 | 0.001 |
| 5000MHz | | | | | | | | | | | | | | | | |
| | WLAN5.2GHz | 802.11n-HT40 MCS0 | Front | 5mm | Ant 3+8(3) | Simultaneous | 46 | 5230 | 13.11 | 14.50 | 1.377 | 93.9 | 1.065 | 0.07 | 0.197 | 0.289 |
| | WLAN5.2GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 3+8(3) | Simultaneous | 46 | 5230 | 13.11 | 14.50 | 1.377 | 93.9 | 1.065 | 0.18 | 0.323 | 0.474 |
| 64 | WLAN5.2GHz | 802.11n-HT40 MCS0 | Right Side | 5mm | Ant 3+8(3) | Simultaneous | 46 | 5230 | 13.11 | 14.50 | 1.377 | 93.9 | 1.065 | 0.07 | 0.476 | 0.698 |
| | WLAN5.2GHz | 802.11n-HT40 MCS0 | Top Side | 5mm | Ant 3+8(3) | Simultaneous | 46 | 5230 | 13.11 | 14.50 | 1.377 | 93.9 | 1.065 | 0.08 | 0.229 | 0.336 |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 3+8(3) | Simultaneous | 155 | 5775 | 11.83 | 13.00 | 1.309 | 88.79 | 1.126 | 0.04 | 0.094 | 0.139 |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 3+8(3) | Simultaneous | 155 | 5775 | 11.83 | 13.00 | 1.309 | 88.79 | 1.126 | 0.02 | 0.285 | 0.420 |
| 65 | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 3+8(3) | Simultaneous | 155 | 5775 | 11.83 | 13.00 | 1.309 | 88.79 | 1.126 | 0.02 | 0.403 | 0.594 |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 3+8(3) | Simultaneous | 155 | 5775 | 11.83 | 13.00 | 1.309 | 88.79 | 1.126 | 0.19 | 0.122 | 0.180 |



16.3 Body Worn Accessory SAR

| Plot No. | Band | BW (MHz) | Modulation | RB Size | RB Offset | Mode | Test Position | Gap (mm) | Antenna | Headset | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|----------|-------------|----------|------------|---------|-----------|------|---------------|----------|---------|---------|-------------|--------|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|
| 750MHz | | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 133322 | 683 | 23.28 | 24.00 | 1.180 | - | - | -0.13 | 0.465 | 0.549 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 133322 | 683 | 22.32 | 23.00 | 1.169 | - | - | 0.09 | 0.378 | 0.442 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 133322 | 683 | 23.28 | 24.00 | 1.180 | - | - | -0.05 | 0.685 | 0.809 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 133222 | 673 | 23.21 | 24.00 | 1.199 | - | - | 0.04 | 0.647 | 0.776 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 133372 | 688 | 23.23 | 24.00 | 1.194 | - | - | 0.11 | 0.661 | 0.789 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 133322 | 683 | 22.32 | 23.00 | 1.169 | - | - | 0.08 | 0.538 | 0.629 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 133322 | 683 | 22.28 | 23.00 | 1.180 | - | - | 0.08 | 0.512 | 0.604 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 133322 | 683 | 23.18 | 24.00 | 1.208 | - | - | 0.03 | 0.283 | 0.342 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 133322 | 683 | 22.19 | 23.00 | 1.205 | - | - | 0.02 | 0.235 | 0.283 |
| 66 | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 133322 | 683 | 23.18 | 24.00 | 1.208 | - | - | -0.05 | 0.705 | 0.852 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 133222 | 673 | 23.09 | 24.00 | 1.233 | - | - | 0.04 | 0.638 | 0.787 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 133372 | 688 | 23.14 | 24.00 | 1.219 | - | - | -0.01 | 0.677 | 0.825 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 133322 | 683 | 22.19 | 23.00 | 1.205 | - | - | -0.02 | 0.621 | 0.748 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 133322 | 683 | 22.12 | 23.00 | 1.225 | - | - | -0.03 | 0.613 | 0.751 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23095 | 707.5 | 23.05 | 24.00 | 1.245 | - | - | 0.03 | 0.548 | 0.682 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23095 | 707.5 | 22.02 | 23.00 | 1.253 | - | - | -0.14 | 0.465 | 0.583 |
| 67 | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23095 | 707.5 | 23.05 | 24.00 | 1.245 | - | - | 0.01 | 0.896 | 1.115 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23060 | 704 | 22.99 | 24.00 | 1.262 | - | - | -0.05 | 0.822 | 1.037 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23130 | 711 | 22.91 | 24.00 | 1.285 | - | - | 0.11 | 0.838 | 1.077 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23095 | 707.5 | 22.02 | 23.00 | 1.253 | - | - | 0.07 | 0.730 | 0.915 |
| | LTE Band 12 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23095 | 707.5 | 21.96 | 23.00 | 1.271 | - | - | -0.15 | 0.730 | 0.928 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 23095 | 707.5 | 22.16 | 23.00 | 1.213 | - | - | 0.01 | 0.320 | 0.388 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 23095 | 707.5 | 21.88 | 23.00 | 1.294 | - | - | 0.14 | 0.254 | 0.329 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 23095 | 707.5 | 22.16 | 23.00 | 1.213 | - | - | -0.01 | 0.641 | 0.778 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 23060 | 704 | 22.10 | 23.00 | 1.230 | - | - | -0.05 | 0.621 | 0.764 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 23130 | 711 | 22.08 | 23.00 | 1.236 | - | - | 0.04 | 0.609 | 0.753 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 23095 | 707.5 | 21.88 | 23.00 | 1.294 | - | - | 0.02 | 0.599 | 0.775 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 19mm | Ant 1 | - | ECl 4 | 23095 | 707.5 | 23.10 | 24.00 | 1.230 | - | - | -0.02 | 0.173 | 0.213 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 17mm | Ant 1 | - | ECl 4 | 23095 | 707.5 | 23.10 | 24.00 | 1.230 | - | - | 0.14 | 0.183 | 0.225 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23230 | 782 | 23.05 | 24.00 | 1.245 | - | - | 0.03 | 0.750 | 0.933 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23230 | 782 | 21.91 | 23.00 | 1.285 | - | - | 0.08 | 0.626 | 0.805 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23230 | 782 | 22.05 | 23.00 | 1.245 | - | - | 0.04 | 0.624 | 0.777 |
| 68 | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23230 | 782 | 23.05 | 24.00 | 1.245 | - | - | -0.09 | 1.080 | 1.344 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | ECl 3 | 23230 | 782 | 23.05 | 24.00 | 1.245 | - | - | 0.01 | 0.971 | 1.208 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23230 | 782 | 21.91 | 23.00 | 1.285 | - | - | 0.15 | 0.907 | 1.166 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23230 | 782 | 22.05 | 23.00 | 1.245 | - | - | 0.18 | 0.910 | 1.133 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 23230 | 782 | 23.39 | 24.00 | 1.151 | - | - | -0.16 | 0.441 | 0.508 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 23230 | 782 | 22.47 | 23.00 | 1.130 | - | - | 0.06 | 0.352 | 0.398 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 23230 | 782 | 23.39 | 24.00 | 1.151 | - | - | 0.08 | 0.688 | 0.792 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 23230 | 782 | 22.47 | 23.00 | 1.130 | - | - | 0.03 | 0.591 | 0.668 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23330 | 793 | 22.41 | 23.50 | 1.285 | - | - | -0.17 | 0.714 | 0.918 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23330 | 793 | 21.78 | 23.00 | 1.324 | - | - | -0.01 | 0.634 | 0.840 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 23330 | 793 | 21.79 | 23.00 | 1.321 | - | - | -0.16 | 0.633 | 0.836 |
| 69 | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23330 | 793 | 22.41 | 23.50 | 1.285 | - | - | 0.01 | 1.060 | 1.362 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | ECl 3 | 23330 | 793 | 22.41 | 23.50 | 1.285 | - | - | 0.11 | 0.916 | 1.177 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23330 | 793 | 21.78 | 23.00 | 1.324 | - | - | 0.06 | 0.807 | 1.069 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 23330 | 793 | 21.79 | 23.00 | 1.321 | - | - | 0.02 | 0.801 | 1.058 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 19mm | Ant 0 | - | ECl 4 | 23330 | 793 | 22.84 | 24.00 | 1.306 | - | - | 0.13 | 0.298 | 0.389 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 17mm | Ant 0 | - | ECl 4 | 23330 | 793 | 22.84 | 24.00 | 1.306 | - | - | -0.02 | 0.308 | 0.402 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 23330 | 793 | 22.97 | 24.00 | 1.268 | - | - | -0.15 | 0.518 | 0.657 |



| No. | Frequency | | | | Power | | Position | | | | Power Density | | | | Power Flux Density | | | | Power Spectral Density | | | |
|---------------|-------------|---------|------|-----------|------------|-------------------|---------------|-------|-------|---------|---------------|-------------|-------------|------------|--------------------|------------|------------|------------|------------------------|------------|------------|-------|
| | Band | Channel | Mod. | Bandwidth | Max. Power | Avg. Power | X | Y | Z | Theta | Phi | Max. Power | Avg. Power | Max. Power | Avg. Power | Max. Power | Avg. Power | Max. Power | Avg. Power | Max. Power | Avg. Power | |
| 70 | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | ECI 3 | 23330 | 793 | 21.83 | 23.00 | 1.309 | - | - | 0.11 | 0.442 | 0.579 | |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECI 3 | 23330 | 793 | 22.97 | 24.00 | 1.268 | - | - | 0.05 | 0.773 | 0.980 | |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | ECI 3 | 23330 | 793 | 21.83 | 23.00 | 1.309 | - | - | 0.04 | 0.663 | 0.868 | |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | ECI 3 | 23330 | 793 | 21.78 | 23.00 | 1.324 | - | - | 0.11 | 0.631 | 0.836 | |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 136100 | 680.5 | 23.25 | 24.00 | 1.189 | - | - | 0.02 | 0.317 | 0.377 | |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 136100 | 680.5 | 23.21 | 24.00 | 1.199 | - | - | 0.19 | 0.330 | 0.396 | |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 136100 | 680.5 | 23.25 | 24.00 | 1.189 | - | - | 0.05 | 0.471 | 0.560 | |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 134600 | 673 | 23.14 | 24.00 | 1.219 | - | - | 0.08 | 0.455 | 0.555 | |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 137600 | 688 | 22.96 | 24.00 | 1.271 | - | - | 0.1 | 0.431 | 0.548 | |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 136100 | 680.5 | 23.21 | 24.00 | 1.199 | - | - | 0.03 | 0.449 | 0.539 | |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 136100 | 680.5 | 23.16 | 24.00 | 1.213 | - | - | -0.1 | 0.159 | 0.193 | |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 136100 | 680.5 | 23.03 | 24.00 | 1.250 | - | - | -0.05 | 0.185 | 0.231 | |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 136100 | 680.5 | 23.16 | 24.00 | 1.213 | - | - | -0.12 | 0.329 | 0.399 | |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 136100 | 680.5 | 23.03 | 24.00 | 1.250 | - | - | -0.09 | 0.406 | 0.508 | |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 134600 | 673 | 23.01 | 24.00 | 1.256 | - | - | 0.04 | 0.371 | 0.466 | |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 137600 | 688 | 22.90 | 24.00 | 1.288 | - | - | 0.08 | 0.370 | 0.477 | |
| | 71 | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 141500 | 707.5 | 23.07 | 24.00 | 1.239 | - | - | -0.08 | 0.359 | 0.445 |
| | | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 141500 | 707.5 | 22.89 | 24.00 | 1.291 | - | - | 0.06 | 0.381 | 0.492 |
| FR1 n12 | | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 141500 | 707.5 | 23.07 | 24.00 | 1.239 | - | - | 0.06 | 0.536 | 0.664 | |
| FR1 n12 | | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 141500 | 707.5 | 22.89 | 24.00 | 1.291 | - | - | 0.02 | 0.554 | 0.715 | |
| FR1 n12 | | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 141300 | 706.5 | 22.82 | 24.00 | 1.312 | - | - | 0.04 | 0.511 | 0.671 | |
| FR1 n12 | | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 141700 | 708.5 | 22.64 | 24.00 | 1.368 | - | - | -0.07 | 0.504 | 0.689 | |
| FR1 n12 | | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 141500 | 707.5 | 23.17 | 24.00 | 1.211 | - | - | 0.02 | 0.202 | 0.245 | |
| FR1 n12 | | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 141500 | 707.5 | 23.07 | 24.00 | 1.239 | - | - | 0.05 | 0.215 | 0.266 | |
| FR1 n12 | | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 141500 | 707.5 | 23.17 | 24.00 | 1.211 | - | - | -0.05 | 0.458 | 0.554 | |
| FR1 n12 | | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 141300 | 706.5 | 23.12 | 24.00 | 1.225 | - | - | 0.06 | 0.414 | 0.507 | |
| FR1 n12 | | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 141700 | 708.5 | 23.00 | 24.00 | 1.259 | - | - | -0.04 | 0.428 | 0.539 | |
| FR1 n12 | | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 141500 | 707.5 | 23.07 | 24.00 | 1.239 | - | - | -0.05 | 0.369 | 0.457 | |
| 72 | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 158600 | 793 | 23.33 | 24.00 | 1.167 | - | - | -0.17 | 0.449 | 0.524 | |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 158600 | 793 | 23.29 | 24.00 | 1.178 | - | - | 0.07 | 0.414 | 0.488 | |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 158600 | 793 | 23.33 | 24.00 | 1.167 | - | - | 0.04 | 0.660 | 0.770 | |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 158600 | 793 | 23.29 | 24.00 | 1.178 | - | - | -0.13 | 0.636 | 0.749 | |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 158600 | 793 | 22.94 | 24.00 | 1.276 | - | - | -0.06 | 0.191 | 0.244 | |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 158600 | 793 | 22.85 | 24.00 | 1.303 | - | - | 0.18 | 0.205 | 0.267 | |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 158600 | 793 | 22.94 | 24.00 | 1.276 | - | - | -0.04 | 0.415 | 0.530 | |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 158600 | 793 | 22.85 | 24.00 | 1.303 | - | - | -0.09 | 0.446 | 0.581 | |
| 835MHz | | | | | | | | | | | | | | | | | | | | | | |
| 73 | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 0 | - | ECI 3 | 189 | 836.4 | 24.94 | 26.00 | 1.276 | - | - | 0.01 | 0.490 | 0.625 | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | - | ECI 3 | 189 | 836.4 | 24.94 | 26.00 | 1.276 | - | - | 0.05 | 0.862 | 1.100 | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | - | ECI 3 | 128 | 824.2 | 24.87 | 26.00 | 1.297 | - | - | 0.02 | 0.764 | 0.991 | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | - | ECI 3 | 251 | 848.8 | 24.90 | 26.00 | 1.288 | - | - | -0.03 | 0.983 | 1.266 | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | Headset | ECI 3 | 251 | 848.8 | 24.90 | 26.00 | 1.288 | - | - | 0.01 | 0.933 | 1.202 | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 19mm | Ant 0 | - | ECI 4 | 189 | 836.4 | 28.17 | 29.50 | 1.358 | - | - | -0.05 | 0.062 | 0.084 | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 17mm | Ant 0 | - | ECI 4 | 189 | 836.4 | 28.17 | 29.50 | 1.358 | - | - | 0.19 | 0.074 | 0.101 | |
| | 74 | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | ECI 3 | 4182 | 836.4 | 21.32 | 22.50 | 1.312 | - | - | 0.08 | 0.599 | 0.786 |
| WCDMA V | | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | ECI 3 | 4182 | 836.4 | 21.32 | 22.50 | 1.312 | - | - | 0.01 | 0.919 | 1.206 | |
| WCDMA V | | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | Headset | ECI 3 | 4182 | 836.4 | 21.32 | 22.50 | 1.312 | - | - | 0.04 | 0.871 | 1.143 | |
| WCDMA V | | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | ECI 3 | 4132 | 826.4 | 21.23 | 22.50 | 1.340 | - | - | 0.11 | 0.857 | 1.148 | |
| WCDMA V | | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | ECI 3 | 4233 | 846.6 | 21.29 | 22.50 | 1.321 | - | - | -0.05 | 0.866 | 1.144 | |
| WCDMA V | | - | - | - | - | RMC 12.2Kbps | Front | 19mm | Ant 0 | - | ECI 4 | 4182 | 836.4 | 22.75 | 24.00 | 1.334 | - | - | 0.06 | 0.061 | 0.081 | |
| WCDMA V | | - | - | - | - | RMC 12.2Kbps | Back | 17mm | Ant 0 | - | ECI 4 | 4182 | 836.4 | 22.75 | 24.00 | 1.334 | - | - | 0.08 | 0.071 | 0.095 | |
| 75 | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECI 3 | 26865 | 831.5 | 21.63 | 22.50 | 1.222 | - | - | -0.03 | 0.582 | 0.711 | |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 0 | - | ECI 3 | 26865 | 831.5 | 21.60 | 22.50 | 1.230 | - | - | 0.01 | 0.528 | 0.650 | |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECI 3 | 26865 | 831.5 | 21.63 | 22.50 | 1.222 | - | - | -0.02 | 0.859 | 1.050 | |
| | LTE Band 5B | 10M | QPSK | 1 | 49 | - | Back | 5mm | Ant 0 | - | ECI 3 | 20476+20575 | 831.6+841.5 | 21.44 | 22.50 | 1.276 | - | - | 0.03 | 0.812 | 1.036 | |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 0 | - | ECI 3 | 26865 | 831.5 | 21.60 | 22.50 | 1.230 | - | - | 0.12 | 0.805 | 0.990 | | |



FCC SAR Test Report

Report No. : FA322305

Table with columns for LTE Band, Modulation, Power, Frequency, Distance, Position, Antenna, EIRP, SAR, etc. Includes rows for LTE Bands 26, 5B, 66, 66C and FR1 n26, with a 1750MHz section for WCDMA IV.



FCC SAR Test Report

Report No. : FA322305

| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 19mm | Ant 1 | - | ECI 4 | 132322 | 1745 | 23.09 | 24.00 | 1.233 | - | - | 0.04 | 0.114 | 0.141 | |
|----------------|-------------|-----|------|-----|----|-------------------|-------|------|-------|---|-------|--------|--------|-------|-------|-------|---|---|-------|-------|-------|--|
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 1 | - | ECI 4 | 132322 | 1745 | 23.09 | 24.00 | 1.233 | - | - | 0.13 | 0.259 | 0.319 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 349000 | 1745 | 19.31 | 20.00 | 1.172 | - | - | 0.06 | 0.724 | 0.849 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 349000 | 1745 | 19.26 | 20.00 | 1.186 | - | - | 0.06 | 0.643 | 0.762 | |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 349000 | 1745 | 19.22 | 20.00 | 1.197 | - | - | 0.18 | 0.689 | 0.825 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 349000 | 1745 | 19.31 | 20.00 | 1.172 | - | - | -0.06 | 0.890 | 1.043 | |
| 79 | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 349000 | 1745 | 19.26 | 20.00 | 1.186 | - | - | 0.02 | 0.963 | 1.142 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 346000 | 1730 | 19.21 | 20.00 | 1.199 | - | - | 0.04 | 0.940 | 1.128 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 352000 | 1760 | 19.22 | 20.00 | 1.197 | - | - | -0.01 | 0.938 | 1.123 | |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 349000 | 1745 | 19.22 | 20.00 | 1.197 | - | - | 0.02 | 0.851 | 1.018 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 0 | - | ECI 4 | 349000 | 1745 | 23.24 | 24.00 | 1.191 | - | - | 0.08 | 0.235 | 0.280 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECI 4 | 349000 | 1745 | 23.24 | 24.00 | 1.191 | - | - | 0.11 | 0.381 | 0.454 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECI 4 | 349000 | 1745 | 23.18 | 24.00 | 1.208 | - | - | -0.12 | 0.406 | 0.490 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 349000 | 1745 | 20.24 | 21.00 | 1.191 | - | - | 0.11 | 0.509 | 0.606 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 349000 | 1745 | 20.20 | 21.00 | 1.202 | - | - | 0.1 | 0.480 | 0.577 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 349000 | 1745 | 20.24 | 21.00 | 1.191 | - | - | -0.07 | 0.742 | 0.884 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 346000 | 1730 | 20.17 | 21.00 | 1.211 | - | - | 0.05 | 0.711 | 0.861 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 352000 | 1760 | 20.21 | 21.00 | 1.199 | - | - | -0.07 | 0.727 | 0.872 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 349000 | 1745 | 20.20 | 21.00 | 1.202 | - | - | 0.05 | 0.623 | 0.749 | |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 349000 | 1745 | 20.14 | 21.00 | 1.219 | - | - | 0.13 | 0.710 | 0.865 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 1 | - | ECI 4 | 349000 | 1745 | 23.35 | 24.00 | 1.161 | - | - | 0.03 | 0.090 | 0.105 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECI 4 | 349000 | 1745 | 23.35 | 24.00 | 1.161 | - | - | 0.07 | 0.224 | 0.260 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 340500 | 1702.5 | 20.42 | 21.00 | 1.143 | - | - | 0.19 | 0.743 | 0.849 | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 340500 | 1702.5 | 20.39 | 21.00 | 1.151 | - | - | 0.08 | 0.711 | 0.818 | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECI 3 | 340500 | 1702.5 | 20.34 | 21.00 | 1.164 | - | - | -0.16 | 0.592 | 0.689 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 340500 | 1702.5 | 20.42 | 21.00 | 1.143 | - | - | 0.07 | 0.904 | 1.033 | |
| 80 | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 340500 | 1702.5 | 20.39 | 21.00 | 1.151 | - | - | 0.06 | 0.954 | 1.098 | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECI 3 | 340500 | 1702.5 | 20.34 | 21.00 | 1.164 | - | - | 0.06 | 0.861 | 1.002 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 0 | - | ECI 4 | 340500 | 1702.5 | 23.28 | 24.00 | 1.180 | - | - | -0.16 | 0.219 | 0.258 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECI 4 | 340500 | 1702.5 | 23.28 | 24.00 | 1.180 | - | - | 0.07 | 0.365 | 0.431 | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECI 4 | 340500 | 1702.5 | 23.22 | 24.00 | 1.197 | - | - | 0.02 | 0.380 | 0.455 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 340500 | 1702.5 | 20.62 | 21.50 | 1.225 | - | - | 0.05 | 0.412 | 0.505 | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECI 3 | 340500 | 1702.5 | 20.57 | 21.50 | 1.239 | - | - | 0.05 | 0.407 | 0.504 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 340500 | 1702.5 | 20.62 | 21.50 | 1.225 | - | - | 0.06 | 0.718 | 0.879 | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 340500 | 1702.5 | 20.57 | 21.50 | 1.239 | - | - | -0.04 | 0.741 | 0.918 | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECI 3 | 340500 | 1702.5 | 20.50 | 21.50 | 1.259 | - | - | 0.19 | 0.688 | 0.866 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 1 | - | ECI 4 | 340500 | 1702.5 | 23.13 | 24.00 | 1.222 | - | - | 0.05 | 0.072 | 0.088 | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECI 4 | 340500 | 1702.5 | 23.13 | 24.00 | 1.222 | - | - | -0.02 | 0.167 | 0.204 | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECI 4 | 340500 | 1702.5 | 23.07 | 24.00 | 1.239 | - | - | -0.17 | 0.202 | 0.250 | |
| 1900MHz | | | | | | | | | | | | | | | | | | | | | | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 0 | - | ECI 3 | 661 | 1880 | 18.44 | 19.00 | 1.138 | - | - | -0.13 | 0.822 | 0.935 | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 0 | - | ECI 3 | 512 | 1850.2 | 18.36 | 19.00 | 1.159 | - | - | 0.06 | 0.747 | 0.866 | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 0 | - | ECI 3 | 810 | 1909.8 | 18.33 | 19.00 | 1.167 | - | - | 0.03 | 0.852 | 0.994 | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | - | ECI 3 | 661 | 1880 | 18.44 | 19.00 | 1.138 | - | - | 0.08 | 0.857 | 0.975 | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | - | ECI 3 | 512 | 1850.2 | 18.36 | 19.00 | 1.159 | - | - | 0.07 | 0.822 | 0.953 | |
| 81 | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | - | ECI 3 | 810 | 1909.8 | 18.33 | 19.00 | 1.167 | - | - | 0.01 | 0.962 | 1.122 | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 19mm | Ant 0 | - | ECI 4 | 661 | 1880 | 25.68 | 26.50 | 1.208 | - | - | 0.11 | 0.175 | 0.211 | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 17mm | Ant 0 | - | ECI 4 | 661 | 1880 | 25.68 | 26.50 | 1.208 | - | - | 0.16 | 0.275 | 0.332 | |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | ECI 3 | 9400 | 1880 | 15.97 | 16.50 | 1.130 | - | - | 0.02 | 0.629 | 0.711 | |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | ECI 3 | 9400 | 1880 | 15.97 | 16.50 | 1.130 | - | - | 0.07 | 0.806 | 0.911 | |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | ECI 3 | 9262 | 1852.4 | 15.88 | 16.50 | 1.153 | - | - | 0.07 | 0.860 | 0.992 | |
| 82 | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | ECI 3 | 9538 | 1907.6 | 15.91 | 16.50 | 1.146 | - | - | 0.02 | 0.906 | 1.038 | |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 19mm | Ant 0 | - | ECI 4 | 9400 | 1880 | 23.45 | 24.00 | 1.135 | - | - | 0.08 | 0.231 | 0.262 | |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 17mm | Ant 0 | - | ECI 4 | 9400 | 1880 | 23.45 | 24.00 | 1.135 | - | - | 0.08 | 0.385 | 0.437 | |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECI 3 | 26340 | 1880 | 16.24 | 17.00 | 1.191 | - | - | -0.09 | 0.834 | 0.993 | |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECI 3 | 26140 | 1860 | 16.11 | 17.00 | 1.227 | - | - | 0.05 | 0.786 | 0.965 | |



FCC SAR Test Report

Report No. : FA322305

| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 26590 | 1905 | 16.20 | 17.00 | 1.202 | - | - | 0.01 | 0.821 | 0.987 |
|----------------|-------------|-----|------|-----|----|---------------|-------|------|-------|---------|-------|--------|--------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 26340 | 1880 | 16.16 | 17.00 | 1.213 | - | - | -0.13 | 0.748 | 0.908 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 26140 | 1860 | 16.05 | 17.00 | 1.245 | - | - | -0.11 | 0.820 | 1.021 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 26590 | 1905 | 16.11 | 17.00 | 1.227 | - | - | 0.05 | 0.747 | 0.917 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 26340 | 1880 | 16.07 | 17.00 | 1.239 | - | - | 0.03 | 0.748 | 0.927 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26340 | 1880 | 16.24 | 17.00 | 1.191 | - | - | 0.14 | 0.981 | 1.169 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26140 | 1860 | 16.11 | 17.00 | 1.227 | - | - | 0.05 | 0.908 | 1.115 |
| 83 | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26590 | 1905 | 16.20 | 17.00 | 1.202 | - | - | 0.02 | 0.998 | 1.200 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | ECl 3 | 26590 | 1905 | 16.20 | 17.00 | 1.202 | - | - | 0.04 | 0.961 | 1.155 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26340 | 1880 | 16.16 | 17.00 | 1.213 | - | - | 0.14 | 0.932 | 1.131 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26140 | 1860 | 16.05 | 17.00 | 1.245 | - | - | -0.11 | 0.887 | 1.104 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26590 | 1905 | 16.11 | 17.00 | 1.227 | - | - | -0.01 | 0.840 | 1.031 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 26340 | 1880 | 16.07 | 17.00 | 1.239 | - | - | -0.02 | 0.832 | 1.031 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 19mm | Ant 0 | - | ECl 4 | 26340 | 1880 | 23.18 | 24.00 | 1.208 | - | - | 0.08 | 0.521 | 0.629 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 0 | - | ECl 4 | 26340 | 1880 | 23.18 | 24.00 | 1.208 | - | - | 0.03 | 0.884 | 1.068 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 26340 | 1880 | 16.81 | 17.50 | 1.172 | - | - | 0.03 | 0.591 | 0.693 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 26340 | 1880 | 16.78 | 17.50 | 1.180 | - | - | -0.08 | 0.507 | 0.598 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 26340 | 1880 | 16.81 | 17.50 | 1.172 | - | - | 0.07 | 0.658 | 0.771 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 26140 | 1860 | 16.75 | 17.50 | 1.189 | - | - | 0.07 | 0.644 | 0.765 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 26590 | 1905 | 16.70 | 17.50 | 1.202 | - | - | 0.08 | 0.631 | 0.759 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 26340 | 1880 | 16.78 | 17.50 | 1.180 | - | - | 0.08 | 0.340 | 0.401 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 19mm | Ant 1 | - | ECl 4 | 26340 | 1860 | 23.13 | 24.00 | 1.222 | - | - | -0.17 | 0.488 | 0.596 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 1 | - | ECl 4 | 26340 | 1860 | 23.13 | 24.00 | 1.222 | - | - | 0.02 | 0.623 | 0.761 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECl 3 | 376500 | 1882.5 | 18.45 | 19.00 | 1.135 | - | - | 0.04 | 0.792 | 0.899 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECl 3 | 376500 | 1882.5 | 18.41 | 19.00 | 1.146 | - | - | 0.05 | 0.773 | 0.885 |
| | FR1 n25 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECl 3 | 376500 | 1882.5 | 18.36 | 19.00 | 1.159 | - | - | 0.13 | 0.677 | 0.784 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 376500 | 1882.5 | 18.45 | 19.00 | 1.135 | - | - | 0.02 | 0.936 | 1.062 |
| 84 | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 376500 | 1882.5 | 18.41 | 19.00 | 1.146 | - | - | -0.03 | 1.010 | 1.157 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 374000 | 1870 | 18.34 | 19.00 | 1.164 | - | - | 0.05 | 0.911 | 1.061 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 379000 | 1895 | 18.33 | 19.00 | 1.167 | - | - | -0.06 | 0.949 | 1.107 |
| | FR1 n25 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 376500 | 1882.5 | 18.36 | 19.00 | 1.159 | - | - | -0.17 | 0.821 | 0.951 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 0 | - | ECl 4 | 376500 | 1882.5 | 23.34 | 24.00 | 1.164 | - | - | 0.13 | 0.279 | 0.325 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECl 4 | 376500 | 1882.5 | 23.34 | 24.00 | 1.164 | - | - | 0.05 | 0.511 | 0.595 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECl 4 | 376500 | 1882.5 | 23.12 | 24.00 | 1.225 | - | - | -0.06 | 0.518 | 0.634 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECl 3 | 376500 | 1882.5 | 18.07 | 19.00 | 1.239 | - | - | 0.03 | 0.387 | 0.479 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECl 3 | 376500 | 1882.5 | 18.02 | 19.00 | 1.253 | - | - | 0.02 | 0.382 | 0.479 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 376500 | 1882.5 | 18.07 | 19.00 | 1.239 | - | - | 0.02 | 0.586 | 0.726 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 376500 | 1882.5 | 18.02 | 19.00 | 1.253 | - | - | -0.02 | 0.602 | 0.754 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 374000 | 1870 | 17.98 | 19.00 | 1.265 | - | - | 0.11 | 0.577 | 0.730 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 379000 | 1895 | 17.92 | 19.00 | 1.282 | - | - | -0.06 | 0.533 | 0.683 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 1 | - | ECl 4 | 376500 | 1882.5 | 23.15 | 24.00 | 1.216 | - | - | -0.08 | 0.169 | 0.206 |
| | FR1 n25 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECl 4 | 376500 | 1882.5 | 23.15 | 24.00 | 1.216 | - | - | -0.07 | 0.348 | 0.423 |
| | FR1 n25 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECl 4 | 376500 | 1882.5 | 23.12 | 24.00 | 1.225 | - | - | 0.01 | 0.356 | 0.436 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | |
| 2300Mhz | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 27710 | 2310 | 16.95 | 18.00 | 1.274 | - | - | 0.03 | 0.781 | 0.995 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 27710 | 2310 | 16.91 | 18.00 | 1.285 | - | - | 0.03 | 0.709 | 0.911 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | ECl 3 | 27710 | 2310 | 16.86 | 18.00 | 1.300 | - | - | -0.12 | 0.715 | 0.930 |
| 85 | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 27710 | 2310 | 16.95 | 18.00 | 1.274 | - | - | 0.03 | 0.939 | 1.196 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 27710 | 2310 | 16.91 | 18.00 | 1.285 | - | - | -0.09 | 0.895 | 1.150 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 27710 | 2310 | 16.86 | 18.00 | 1.300 | - | - | 0.05 | 0.833 | 1.083 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 19mm | Ant 0 | - | ECl 4 | 27710 | 2310 | 23.02 | 24.00 | 1.253 | - | - | -0.06 | 0.296 | 0.371 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 17mm | Ant 0 | - | ECl 4 | 27710 | 2310 | 23.02 | 24.00 | 1.253 | - | - | 0.09 | 0.713 | 0.893 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 27710 | 2310 | 16.03 | 17.00 | 1.250 | - | - | -0.09 | 0.664 | 0.830 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 27710 | 2310 | 15.90 | 17.00 | 1.288 | - | - | 0.08 | 0.638 | 0.822 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 27710 | 2310 | 15.91 | 17.00 | 1.285 | - | - | -0.14 | 0.644 | 0.828 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 27710 | 2310 | 16.03 | 17.00 | 1.250 | - | - | -0.05 | 0.726 | 0.908 |



FCC SAR Test Report

Report No. : FA322305

Table with columns: Band, Modulation, Power, etc. Includes rows for LTE Band 30 and FR1 n30, with a highlighted value of 1.168 and a section for 2600Mhz.

**FCC SAR Test Report**

Report No. : FA322305

| | | | | | | | | | | | | | | | | | | | | | |
|----|------------------|-----|------|-----|----|---|-------|------|-------|---|-------|-------------|---------------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40620 | 2593 | 20.57 | 21.40 | 1.211 | 62.9 | 1.006 | 0.01 | 0.683 | 0.832 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 39750 | 2506 | 20.29 | 21.40 | 1.291 | 62.9 | 1.006 | -0.13 | 0.779 | 1.012 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40185 | 2549.5 | 20.35 | 21.40 | 1.274 | 62.9 | 1.006 | 0.06 | 0.793 | 1.016 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40185+40383 | 2549.5+2569.3 | 20.18 | 21.40 | 1.324 | 62.9 | 1.006 | 0.03 | 0.751 | 1.001 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 41055 | 2636.5 | 20.31 | 21.40 | 1.285 | 62.9 | 1.006 | -0.19 | 0.779 | 1.007 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 41490 | 2680 | 20.38 | 21.40 | 1.265 | 62.9 | 1.006 | 0.02 | 0.724 | 0.921 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40620 | 2593 | 20.48 | 21.40 | 1.236 | 62.9 | 1.006 | 0.04 | 0.477 | 0.593 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40620 | 2593 | 20.55 | 21.40 | 1.216 | 62.9 | 1.006 | 0.07 | 0.456 | 0.558 |
| 88 | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40185 | 2549.5 | 22.16 | 23.00 | 1.213 | 42.9 | 1.009 | 0.03 | 0.891 | 1.091 |
| | LTE Band 41C PC2 | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 0 | - | ECl 3 | 40185+40383 | 2549.5+2569.3 | 22.09 | 23.00 | 1.233 | 42.9 | 1.009 | 0.06 | 0.857 | 1.066 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 19mm | Ant 0 | - | ECl 4 | 40620 | 2593 | 23.24 | 24.00 | 1.191 | 62.9 | 1.006 | -0.09 | 0.118 | 0.141 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 0 | - | ECl 4 | 40620 | 2593 | 23.24 | 24.00 | 1.191 | 62.9 | 1.006 | -0.04 | 0.185 | 0.222 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 0 | - | ECl 4 | 40620 | 2593 | 26.46 | 27.00 | 1.132 | 42.9 | 1.009 | -0.04 | 0.245 | 0.280 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 40620 | 2593 | 17.12 | 17.90 | 1.197 | 62.9 | 1.006 | 0.05 | 0.355 | 0.427 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | ECl 3 | 40620 | 2593 | 17.09 | 17.90 | 1.205 | 62.9 | 1.006 | 0.05 | 0.350 | 0.424 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40620 | 2593 | 17.12 | 17.90 | 1.197 | 62.9 | 1.006 | 0.01 | 0.669 | 0.805 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40620+40818 | 2593+2612.8 | 17.00 | 17.90 | 1.230 | 62.9 | 1.006 | 0.03 | 0.648 | 0.802 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 39750 | 2506 | 16.85 | 17.90 | 1.274 | 62.9 | 1.006 | 0.11 | 0.485 | 0.621 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40185 | 2549.5 | 17.08 | 17.90 | 1.208 | 62.9 | 1.006 | 0.05 | 0.643 | 0.781 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 41055 | 2636.5 | 16.79 | 17.90 | 1.291 | 62.9 | 1.006 | 0.18 | 0.538 | 0.699 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 41490 | 2680 | 16.79 | 17.90 | 1.291 | 62.9 | 1.006 | 0.07 | 0.432 | 0.561 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40620 | 2593 | 17.09 | 17.90 | 1.205 | 62.9 | 1.006 | -0.04 | 0.453 | 0.549 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40620 | 2593 | 17.08 | 17.90 | 1.208 | 62.9 | 1.006 | 0.17 | 0.544 | 0.661 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40620 | 2593 | 18.76 | 19.50 | 1.186 | 42.9 | 1.009 | 0.01 | 0.721 | 0.863 |
| | LTE Band 41C PC2 | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 1 | - | ECl 3 | 40620+40818 | 2593+2612.8 | 18.68 | 19.50 | 1.208 | 42.9 | 1.009 | 0.05 | 0.705 | 0.859 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 19mm | Ant 1 | - | ECl 4 | 40620 | 2593 | 23.05 | 24.00 | 1.245 | 62.9 | 1.006 | 0.08 | 0.199 | 0.249 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 1 | - | ECl 4 | 40620 | 2593 | 23.05 | 24.00 | 1.245 | 62.9 | 1.006 | -0.14 | 0.491 | 0.615 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 1 | - | ECl 4 | 40620 | 2593 | 26.14 | 27.00 | 1.219 | 42.9 | 1.009 | -0.12 | 0.618 | 0.760 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | ECl 3 | 40620 | 2593 | 22.85 | 24.00 | 1.303 | 62.9 | 1.006 | -0.12 | 0.259 | 0.340 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | ECl 3 | 40620 | 2593 | 21.97 | 23.00 | 1.268 | 62.9 | 1.006 | 0.04 | 0.226 | 0.288 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 40620 | 2593 | 22.85 | 24.00 | 1.303 | 62.9 | 1.006 | 0.08 | 0.422 | 0.553 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 40620 | 2593 | 21.97 | 23.00 | 1.268 | 62.9 | 1.006 | -0.16 | 0.370 | 0.472 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 40620 | 2593 | 25.82 | 27.00 | 1.312 | 42.9 | 1.009 | 0.04 | 0.542 | 0.718 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 39750 | 2506 | 25.51 | 27.00 | 1.409 | 42.9 | 1.009 | 0.05 | 0.481 | 0.684 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 40185 | 2549.5 | 25.68 | 27.00 | 1.355 | 42.9 | 1.009 | 0.05 | 0.492 | 0.673 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 41055 | 2636.5 | 25.68 | 27.00 | 1.355 | 42.9 | 1.009 | -0.04 | 0.499 | 0.682 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | ECl 3 | 41490 | 2680 | 25.66 | 27.00 | 1.361 | 42.9 | 1.009 | 0.08 | 0.500 | 0.687 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 22.25 | 23.40 | 1.303 | 62.9 | 1.006 | 0.18 | 0.542 | 0.711 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 39750 | 2506 | 22.04 | 23.40 | 1.368 | 62.9 | 1.006 | 0.11 | 0.508 | 0.699 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 40185 | 2549.5 | 22.01 | 23.40 | 1.377 | 62.9 | 1.006 | 0.04 | 0.504 | 0.698 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 41055 | 2636.5 | 21.98 | 23.40 | 1.387 | 62.9 | 1.006 | -0.05 | 0.509 | 0.710 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 41490 | 2680 | 22.03 | 23.40 | 1.371 | 62.9 | 1.006 | 0.09 | 0.498 | 0.687 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 21.55 | 23.00 | 1.396 | 62.9 | 1.006 | 0.15 | 0.459 | 0.645 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 39750 | 2506 | 21.46 | 23.00 | 1.426 | 62.9 | 1.006 | 0.05 | 0.409 | 0.587 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 40185 | 2549.5 | 21.38 | 23.00 | 1.452 | 62.9 | 1.006 | 0.05 | 0.420 | 0.614 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 41055 | 2636.5 | 21.52 | 23.00 | 1.406 | 62.9 | 1.006 | -0.04 | 0.429 | 0.607 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 41490 | 2680 | 21.44 | 23.00 | 1.432 | 62.9 | 1.006 | 0.11 | 0.416 | 0.599 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 21.52 | 23.00 | 1.406 | 62.9 | 1.006 | 0.09 | 0.421 | 0.595 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 22.25 | 23.40 | 1.303 | 62.9 | 1.006 | -0.05 | 0.648 | 0.850 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 39750 | 2506 | 22.04 | 23.40 | 1.368 | 62.9 | 1.006 | 0.01 | 0.609 | 0.838 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 40185 | 2549.5 | 22.01 | 23.40 | 1.377 | 62.9 | 1.006 | 0.08 | 0.611 | 0.847 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 41055 | 2636.5 | 21.98 | 23.40 | 1.387 | 62.9 | 1.006 | -0.08 | 0.602 | 0.840 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 41490 | 2680 | 22.03 | 23.40 | 1.371 | 62.9 | 1.006 | 0.07 | 0.612 | 0.844 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 21.55 | 23.00 | 1.396 | 62.9 | 1.006 | 0.06 | 0.559 | 0.785 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 39750 | 2506 | 21.46 | 23.00 | 1.426 | 62.9 | 1.006 | 0.05 | 0.533 | 0.764 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 40185 | 2549.5 | 21.38 | 23.00 | 1.452 | 62.9 | 1.006 | 0.09 | 0.509 | 0.744 |



FCC SAR Test Report

Report No. : FA322305

| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 41055 | 2636.5 | 21.52 | 23.00 | 1.406 | 62.9 | 1.006 | -0.05 | 0.515 | 0.728 |
|----|-----------------|------|------|-----|----|---------------|-------|------|-------|---------|-------|--------|---------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 41490 | 2680 | 21.44 | 23.00 | 1.432 | 62.9 | 1.006 | 0.08 | 0.541 | 0.779 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 21.52 | 23.00 | 1.406 | 62.9 | 1.006 | 0.07 | 0.530 | 0.750 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | - | ECl 3 | 40620 | 2593 | 23.75 | 25.00 | 1.334 | 42.9 | 1.009 | -0.02 | 0.668 | 0.899 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 19mm | Ant 6 | - | ECl 4 | 40620 | 2593 | 22.67 | 24.00 | 1.358 | 62.9 | 1.006 | 0.06 | 0.084 | 0.115 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 6 | - | ECl 4 | 40620 | 2593 | 22.67 | 24.00 | 1.358 | 62.9 | 1.006 | 0.07 | 0.103 | 0.141 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 17mm | Ant 6 | - | ECl 4 | 40620 | 2593 | 25.45 | 27.00 | 1.429 | 42.9 | 1.009 | 0.11 | 0.141 | 0.203 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECl 3 | 507000 | 2535 | 18.55 | 19.50 | 1.245 | - | - | 0.02 | 0.775 | 0.964 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECl 3 | 507000 | 2535 | 18.48 | 19.50 | 1.265 | - | - | 0.08 | 0.746 | 0.943 |
| | FR1 n7 | 50M | QPSK | 270 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | ECl 3 | 507000 | 2535 | 18.43 | 19.50 | 1.279 | - | - | 0.09 | 0.623 | 0.797 |
| 89 | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 507000 | 2535 | 18.55 | 19.50 | 1.245 | - | - | 0.08 | 1.050 | 1.307 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | Headset | ECl 3 | 507000 | 2535 | 18.55 | 19.50 | 1.245 | - | - | 0.11 | 0.934 | 1.162 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 505000 | 2525 | 18.48 | 19.50 | 1.265 | - | - | 0.05 | 0.949 | 1.200 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 509000 | 2545 | 18.44 | 19.50 | 1.276 | - | - | 0.07 | 0.961 | 1.227 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 507000 | 2535 | 18.48 | 19.50 | 1.265 | - | - | 0.03 | 1.002 | 1.267 |
| | FR1 n7 | 50M | QPSK | 270 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | ECl 3 | 507000 | 2535 | 18.43 | 19.50 | 1.279 | - | - | 0.01 | 0.783 | 1.002 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 0 | - | ECl 4 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | -0.06 | 0.161 | 0.204 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 0 | - | ECl 4 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | 0.03 | 0.300 | 0.379 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECl 3 | 507000 | 2535 | 15.91 | 16.50 | 1.146 | - | - | -0.04 | 0.270 | 0.309 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | ECl 3 | 507000 | 2535 | 15.84 | 16.50 | 1.164 | - | - | -0.09 | 0.326 | 0.380 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 507000 | 2535 | 15.91 | 16.50 | 1.146 | - | - | -0.18 | 0.557 | 0.638 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 507000 | 2535 | 15.84 | 16.50 | 1.164 | - | - | -0.06 | 0.716 | 0.834 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 505000 | 2525 | 15.73 | 16.50 | 1.194 | - | - | 0.07 | 0.688 | 0.821 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 509000 | 2545 | 15.74 | 16.50 | 1.191 | - | - | -0.05 | 0.627 | 0.747 |
| | FR1 n7 | 50M | QPSK | 270 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | ECl 3 | 507000 | 2535 | 15.77 | 16.50 | 1.183 | - | - | 0.16 | 0.534 | 0.632 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 19mm | Ant 1 | - | ECl 4 | 507000 | 2535 | 23.48 | 24.00 | 1.127 | - | - | -0.1 | 0.188 | 0.212 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 19mm | Ant 1 | - | ECl 4 | 507000 | 2535 | 23.42 | 24.00 | 1.143 | - | - | -0.03 | 0.263 | 0.301 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECl 4 | 507000 | 2535 | 23.48 | 24.00 | 1.127 | - | - | 0.11 | 0.474 | 0.534 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 17mm | Ant 1 | - | ECl 4 | 507000 | 2535 | 23.42 | 24.00 | 1.143 | - | - | 0.07 | 0.652 | 0.745 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | - | ECl 3 | 518598 | 2592.99 | 19.07 | 20.00 | 1.239 | - | - | 0.02 | 0.838 | 1.038 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | - | ECl 3 | 518598 | 2592.99 | 18.99 | 20.00 | 1.262 | - | - | -0.04 | 0.803 | 1.013 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | - | ECl 3 | 518598 | 2592.99 | 18.95 | 20.00 | 1.274 | - | - | 0.13 | 0.795 | 1.012 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | ECl 3 | 518598 | 2592.99 | 19.07 | 20.00 | 1.239 | - | - | -0.08 | 0.988 | 1.224 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | Headset | ECl 3 | 518598 | 2592.99 | 19.07 | 20.00 | 1.239 | - | - | -0.04 | 0.947 | 1.173 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | ECl 3 | 518598 | 2592.99 | 18.99 | 20.00 | 1.262 | - | - | 0.08 | 0.965 | 1.218 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | ECl 3 | 518598 | 2592.99 | 18.95 | 20.00 | 1.274 | - | - | 0.06 | 0.875 | 1.114 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 0 | - | ECl 4 | 518598 | 2592.99 | 25.97 | 27.00 | 1.268 | - | - | -0.04 | 0.229 | 0.290 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 0 | - | ECl 4 | 518598 | 2592.99 | 25.97 | 27.00 | 1.268 | - | - | -0.03 | 0.372 | 0.472 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | - | ECl 3 | 518598 | 2592.99 | 16.03 | 17.00 | 1.250 | - | - | 0.16 | 0.415 | 0.519 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | - | ECl 3 | 518598 | 2592.99 | 15.87 | 17.00 | 1.297 | - | - | -0.01 | 0.437 | 0.567 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | - | ECl 3 | 518598 | 2592.99 | 16.03 | 17.00 | 1.250 | - | - | -0.02 | 0.814 | 1.018 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | - | ECl 3 | 518598 | 2592.99 | 15.87 | 17.00 | 1.297 | - | - | 0.06 | 0.775 | 1.005 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | - | ECl 3 | 518598 | 2592.99 | 15.83 | 17.00 | 1.309 | - | - | -0.05 | 0.613 | 0.803 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 1 | - | ECl 4 | 518598 | 2592.99 | 26.06 | 27.00 | 1.242 | - | - | -0.03 | 0.405 | 0.503 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 19mm | Ant 1 | - | ECl 4 | 518598 | 2592.99 | 26.00 | 27.00 | 1.259 | - | - | 0.01 | 0.359 | 0.452 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 1 | - | ECl 4 | 518598 | 2592.99 | 26.06 | 27.00 | 1.242 | - | - | -0.05 | 0.933 | 1.158 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 17mm | Ant 1 | - | ECl 4 | 518598 | 2592.99 | 26.00 | 27.00 | 1.259 | - | - | 0.01 | 0.911 | 1.147 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 17mm | Ant 1 | - | ECl 4 | 518598 | 2592.99 | 25.23 | 26.00 | 1.194 | - | - | 0.09 | 0.892 | 1.065 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 518598 | 2592.99 | 24.55 | 26.00 | 1.396 | - | - | 0.08 | 0.440 | 0.614 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 518598 | 2592.99 | 24.52 | 26.00 | 1.406 | - | - | 0.14 | 0.501 | 0.704 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 518598 | 2592.99 | 24.55 | 26.00 | 1.396 | - | - | 0.04 | 0.689 | 0.962 |
| 90 | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 518598 | 2592.99 | 24.52 | 26.00 | 1.406 | - | - | -0.06 | 0.897 | 1.261 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | Headset | ECl 3 | 518598 | 2592.99 | 24.52 | 26.00 | 1.406 | - | - | 0.05 | 0.833 | 1.171 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 518598 | 2592.99 | 24.48 | 26.00 | 1.419 | - | - | 0.08 | 0.854 | 1.212 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 2 | - | ECl 4 | 518598 | 2592.99 | 25.53 | 27.00 | 1.403 | - | - | 0.03 | 0.039 | 0.055 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 19mm | Ant 2 | - | ECl 4 | 518598 | 2592.99 | 25.50 | 27.00 | 1.413 | - | - | 0.01 | 0.063 | 0.089 |



FCC SAR Test Report

Report No. : FA322305

Table with columns for frequency band, power, modulation, test parameters, distance, and SAR values. Includes a 3500MHz summary section.



FCC SAR Test Report

Report No. : FA322305

Table with columns for Band, Power, Modulation, etc. Includes rows for LTE Band 48 and FR1 n48/FR1 n77 PC2.



| | | | | | | | | | | | | | | | | | | | | | |
|----|-------------|------|------|-----|----|---------------|-------|------|-------|---------|-------|--------|---------|-------|-------|-------|---|---|-------|-------|--------------|
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 4 | - | ECl 4 | 656000 | 3840 | 26.07 | 27.00 | 1.239 | - | - | -0.02 | 0.386 | 0.478 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 17mm | Ant 4 | - | ECl 4 | 656000 | 3840 | 26.04 | 27.00 | 1.247 | - | - | -0.14 | 0.474 | 0.591 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 17mm | Ant 4 | - | ECl 4 | 656000 | 3840 | 24.99 | 26.00 | 1.262 | - | - | 0.11 | 0.446 | 0.563 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | - | ECl 3 | 633334 | 3500.01 | 20.28 | 21.00 | 1.180 | - | - | -0.02 | 0.482 | 0.569 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 4 | - | ECl 3 | 633334 | 3500.01 | 20.23 | 21.00 | 1.194 | - | - | 0.02 | 0.341 | 0.407 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | - | ECl 3 | 633334 | 3500.01 | 20.28 | 21.00 | 1.180 | - | - | 0.03 | 0.617 | 0.728 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | - | ECl 3 | 633334 | 3500.01 | 20.23 | 21.00 | 1.194 | - | - | 0.03 | 0.673 | 0.804 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 4 | - | ECl 3 | 633334 | 3500.01 | 20.17 | 21.00 | 1.211 | - | - | 0.07 | 0.694 | 0.840 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 4 | - | ECl 4 | 633334 | 3500.01 | 26.22 | 27.00 | 1.197 | - | - | 0.18 | 0.302 | 0.361 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 4 | - | ECl 4 | 633334 | 3500.01 | 26.22 | 27.00 | 1.197 | - | - | -0.04 | 0.432 | 0.517 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 17mm | Ant 4 | - | ECl 4 | 633334 | 3500.01 | 26.15 | 27.00 | 1.216 | - | - | 0.02 | 0.575 | 0.699 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 17mm | Ant 4 | - | ECl 4 | 633334 | 3500.01 | 25.18 | 26.00 | 1.208 | - | - | 0.05 | 0.563 | 0.680 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 656000 | 3840 | 22.08 | 23.00 | 1.236 | - | - | -0.07 | 0.563 | 0.696 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 656000 | 3840 | 22.03 | 23.00 | 1.250 | - | - | 0.08 | 0.515 | 0.644 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 656000 | 3840 | 22.08 | 23.00 | 1.236 | - | - | 0.1 | 0.689 | 0.852 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 656000 | 3840 | 22.03 | 23.00 | 1.250 | - | - | 0.05 | 0.860 | 1.075 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 656000 | 3840 | 21.91 | 23.00 | 1.285 | - | - | -0.09 | 0.737 | 0.947 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 2 | - | ECl 4 | 656000 | 3840 | 25.91 | 27.00 | 1.285 | - | - | 0.16 | 0.235 | 0.302 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 2 | - | ECl 4 | 656000 | 3840 | 25.91 | 27.00 | 1.285 | - | - | -0.1 | 0.439 | 0.564 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 17mm | Ant 2 | - | ECl 4 | 656000 | 3840 | 25.88 | 27.00 | 1.294 | - | - | -0.18 | 0.480 | 0.621 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 633334 | 3500.01 | 22.05 | 23.00 | 1.245 | - | - | 0.12 | 0.858 | 1.068 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 633334 | 3500.01 | 22.00 | 23.00 | 1.259 | - | - | -0.07 | 0.845 | 1.064 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | - | ECl 3 | 633334 | 3500.01 | 21.96 | 23.00 | 1.271 | - | - | -0.03 | 0.718 | 0.912 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 633334 | 3500.01 | 22.05 | 23.00 | 1.245 | - | - | 0.09 | 0.859 | 1.069 |
| 93 | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 633334 | 3500.01 | 22.00 | 23.00 | 1.259 | - | - | 0.04 | 0.971 | 1.222 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | Headset | ECl 3 | 633334 | 3500.01 | 22.00 | 23.00 | 1.259 | - | - | -0.04 | 0.956 | 1.204 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | - | ECl 3 | 633334 | 3500.01 | 21.96 | 23.00 | 1.271 | - | - | -0.03 | 0.869 | 1.104 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 2 | - | ECl 4 | 633334 | 3500.01 | 25.92 | 27.00 | 1.282 | - | - | 0.02 | 0.285 | 0.365 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 2 | - | ECl 4 | 633334 | 3500.01 | 25.92 | 27.00 | 1.282 | - | - | -0.03 | 0.337 | 0.432 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 17mm | Ant 2 | - | ECl 4 | 633334 | 3500.01 | 25.87 | 27.00 | 1.297 | - | - | 0.19 | 0.330 | 0.428 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | - | ECl 3 | 656000 | 3840 | 18.72 | 19.80 | 1.282 | - | - | -0.19 | 0.339 | 0.435 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | - | ECl 3 | 656000 | 3840 | 18.67 | 19.80 | 1.297 | - | - | -0.17 | 0.321 | 0.416 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | - | ECl 3 | 656000 | 3840 | 18.72 | 19.80 | 1.282 | - | - | -0.08 | 0.692 | 0.887 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | - | ECl 3 | 656000 | 3840 | 18.67 | 19.80 | 1.297 | - | - | 0.05 | 0.550 | 0.713 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | - | ECl 3 | 656000 | 3840 | 18.62 | 19.80 | 1.312 | - | - | -0.02 | 0.583 | 0.765 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 7 | - | ECl 4 | 656000 | 3840 | 23.18 | 24.30 | 1.294 | - | - | 0.08 | 0.069 | 0.089 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 7 | - | ECl 4 | 656000 | 3840 | 23.18 | 24.30 | 1.294 | - | - | 0.02 | 0.224 | 0.290 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | - | ECl 3 | 633334 | 3500.01 | 18.82 | 19.80 | 1.253 | - | - | 0.05 | 0.322 | 0.404 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | - | ECl 3 | 633334 | 3500.01 | 18.73 | 19.80 | 1.279 | - | - | 0.1 | 0.303 | 0.388 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | - | ECl 3 | 633334 | 3500.01 | 18.82 | 19.80 | 1.253 | - | - | 0.02 | 0.628 | 0.787 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | - | ECl 3 | 633334 | 3500.01 | 18.73 | 19.80 | 1.279 | - | - | 0.09 | 0.733 | 0.938 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | - | ECl 3 | 633334 | 3500.01 | 18.63 | 19.80 | 1.309 | - | - | 0.1 | 0.639 | 0.837 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 7 | - | ECl 4 | 633334 | 3500.01 | 23.25 | 24.30 | 1.274 | - | - | -0.13 | 0.067 | 0.085 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 7 | - | ECl 4 | 633334 | 3500.01 | 23.25 | 24.30 | 1.274 | - | - | 0.04 | 0.116 | 0.148 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 17mm | Ant 7 | - | ECl 4 | 633334 | 3500.01 | 23.21 | 24.30 | 1.285 | - | - | -0.09 | 0.144 | 0.185 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | - | ECl 3 | 656000 | 3840 | 24.25 | 25.50 | 1.334 | - | - | -0.01 | 0.357 | 0.476 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | - | ECl 3 | 656000 | 3840 | 24.19 | 25.50 | 1.352 | - | - | 0.08 | 0.308 | 0.416 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | - | ECl 3 | 656000 | 3840 | 24.25 | 25.50 | 1.334 | - | - | 0.08 | 0.503 | 0.671 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | - | ECl 3 | 656000 | 3840 | 24.19 | 25.50 | 1.352 | - | - | -0.18 | 0.420 | 0.568 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 5 | - | ECl 4 | 656000 | 3840 | 25.89 | 27.00 | 1.291 | - | - | 0.15 | 0.089 | 0.115 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 5 | - | ECl 4 | 656000 | 3840 | 25.89 | 27.00 | 1.291 | - | - | 0.07 | 0.165 | 0.213 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | - | ECl 3 | 633334 | 3500.01 | 24.84 | 25.50 | 1.164 | - | - | 0.08 | 0.541 | 0.630 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | - | ECl 3 | 633334 | 3500.01 | 24.78 | 25.50 | 1.180 | - | - | -0.1 | 0.539 | 0.636 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | - | ECl 3 | 633334 | 3500.01 | 24.84 | 25.50 | 1.164 | - | - | 0.02 | 0.922 | 1.073 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | - | ECl 3 | 633334 | 3500.01 | 24.78 | 25.50 | 1.180 | - | - | 0.02 | 0.797 | 0.941 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | - | ECl 3 | 633334 | 3500.01 | 24.70 | 25.50 | 1.202 | - | - | 0.05 | 0.790 | 0.950 |



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | | | | | | | | | |
|-------------|------|------|---|---|---------------|-------|------|-------|---|-------|--------|---------|-------|-------|-------|---|---|------|-------|-------|
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 19mm | Ant 5 | - | ECl 4 | 633334 | 3500.01 | 26.31 | 27.00 | 1.172 | - | - | 0.08 | 0.125 | 0.147 |
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 17mm | Ant 5 | - | ECl 4 | 633334 | 3500.01 | 26.31 | 27.00 | 1.172 | - | - | 0.07 | 0.214 | 0.251 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|----------------|-------------|---------------------|---------------|----------|------------|----------------------------------|-----|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|
| 2450MHz | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 3+8(8) | Standalone | 11 | 2462 | 17.55 | 19.00 | 1.396 | 99.31 | 1.007 | -0.01 | 0.370 | 0.520 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 3+8(8) | Standalone | 11 | 2462 | 17.55 | 19.00 | 1.396 | 99.31 | 1.007 | 0.01 | 0.692 | 0.973 |
| 94 | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 3+8(3) | Standalone | 1 | 2412 | 17.56 | 19.00 | 1.393 | 99.31 | 1.007 | -0.04 | 0.836 | 1.173 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 3+8(3) | Standalone | 6 | 2437 | 17.51 | 19.00 | 1.409 | 99.31 | 1.007 | -0.16 | 0.729 | 1.035 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 3+8(3) | Simultaneous | 1 | 2412 | 12.33 | 14.00 | 1.469 | 99.31 | 1.007 | 0.08 | 0.213 | 0.315 |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 19mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | -0.06 | 0.113 | 0.159 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 17mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | -0.13 | 0.165 | 0.231 |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 8 | Simultaneous | 6 | 2437 | 10.23 | 11.00 | 1.194 | 99.31 | 1.007 | 0.05 | 0.001 | 0.001 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 8 | Simultaneous | 6 | 2437 | 10.23 | 11.00 | 1.194 | 99.31 | 1.007 | 0.03 | 0.018 | 0.022 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 8 | Simultaneous | 1 | 2412 | 9.97 | 11.00 | 1.268 | 99.31 | 1.007 | 0.01 | 0.011 | 0.014 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 8 | Simultaneous | 11 | 2462 | 9.86 | 11.00 | 1.300 | 99.31 | 1.007 | 0.09 | 0.013 | 0.017 |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 3 | Standalone | 39 | 2441 | 18.29 | 19.00 | 1.178 | 76.40 | 1.090 | -0.06 | 0.276 | 0.354 |
| 95 | Bluetooth | 1Mbps | Back | 5mm | Ant 3 | Standalone | 39 | 2441 | 18.29 | 19.00 | 1.178 | 76.40 | 1.090 | -0.03 | 0.415 | 0.533 |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 3 | Simultaneous | 39 | 2441 | 12.03 | 13.00 | 1.250 | 76.40 | 1.090 | 0.04 | 0.077 | 0.105 |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 3 | Simultaneous For WLAN 2.4G Ant 8 | 39 | 2441 | 6.26 | 7.00 | 1.186 | 76.4 | 1.090 | 0.02 | 0.001 | 0.001 |
| | Bluetooth | 1Mbps | Front | 19mm | Ant 3 | Full | 39 | 2441 | 18.29 | 19.00 | 1.178 | 76.40 | 1.090 | 0.02 | 0.007 | 0.009 |
| | Bluetooth | 1Mbps | Back | 17mm | Ant 3 | Full | 39 | 2441 | 18.29 | 19.00 | 1.178 | 76.40 | 1.090 | 0.04 | 0.014 | 0.018 |
| 5000MHz | | | | | | | | | | | | | | | | |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Front | 5mm | Ant 3+8(3) | Standalone | 54 | 5270 | 16.11 | 17.50 | 1.377 | 93.9 | 1.065 | 0.08 | 0.397 | 0.582 |
| 96 | WLAN5.3GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 3+8(3) | Standalone | 54 | 5270 | 16.11 | 17.50 | 1.377 | 93.9 | 1.065 | 0.07 | 0.725 | 1.063 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 3+8(3) | Standalone | 62 | 5310 | 13.88 | 15.50 | 1.452 | 93.9 | 1.065 | 0.16 | 0.470 | 0.727 |
| | WLAN5.3GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 3+8(3) | Simultaneous | 58 | 5290 | 11.66 | 13.00 | 1.361 | 88.79 | 1.126 | 0.18 | 0.240 | 0.368 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Front | 19mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | -0.08 | 0.107 | 0.158 |
| | WLAN5.3GHz | 802.11n-HT40 MCS0 | Back | 17mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.16 | 0.256 | 0.377 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Front | 5mm | Ant 3+8(8) | Standalone | 134 | 5670 | 16.37 | 17.50 | 1.297 | 93.9 | 1.065 | -0.09 | 0.549 | 0.758 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 3+8(8) | Standalone | 134 | 5670 | 16.37 | 17.50 | 1.297 | 93.9 | 1.065 | -0.12 | 0.684 | 0.945 |
| 97 | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 3+8(8) | Standalone | 110 | 5550 | 16.28 | 17.50 | 1.324 | 93.9 | 1.065 | 0.08 | 0.772 | 1.089 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 3+8(8) | Standalone | 102 | 5510 | 12.98 | 14.50 | 1.419 | 93.9 | 1.065 | 0.03 | 0.225 | 0.340 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 3+8(8) | Simultaneous | 106 | 5530 | 10.64 | 12.00 | 1.368 | 88.79 | 1.126 | -0.14 | 0.195 | 0.300 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Front | 19mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | 0.06 | 0.080 | 0.130 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Back | 17mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | -0.03 | 0.088 | 0.143 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 3+8(3) | Standalone | 155 | 5775 | 14.77 | 16.00 | 1.327 | 88.79 | 1.126 | -0.14 | 0.251 | 0.375 |
| 98 | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 3+8(3) | Standalone | 155 | 5775 | 14.77 | 16.00 | 1.327 | 88.79 | 1.126 | 0.04 | 0.761 | 1.137 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 3+8(8) | Simultaneous | 155 | 5775 | 9.77 | 11.00 | 1.327 | 88.79 | 1.126 | 0.09 | 0.219 | 0.327 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Front | 19mm | Ant 3+8(3) | Standalone | 155 | 5775 | 18.19 | 19.50 | 1.352 | 88.79 | 1.126 | 0.08 | 0.121 | 0.184 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Back | 17mm | Ant 3+8(3) | Standalone | 155 | 5775 | 18.19 | 19.50 | 1.352 | 88.79 | 1.126 | 0.14 | 0.159 | 0.242 |



16.4 Product specific 10g SAR

Table with columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Mode, Test Position, Gap (mm), Antenna, Power State, Ch., Freq. (MHz), Average Power (dBm), Tune-Up Limit (dBm), Tune-up Scaling Factor, Duty Cycle %, Duty Cycle Scaling Factor, Power Drift (dB), Measured 10g SAR (W/kg), Reported 10g SAR (W/kg). Rows include various LTE and GSM bands (e.g., LTE Band 13, LTE Band 14, GSM850, WCDMA V, LTE Band 26) with their respective test parameters and SAR values.



Table with columns for LTE Band, Frequency, Modulation, Power, etc. Includes rows for FR1 n66, FR1 n70, GSM1900, and WCDMA II. Some cells are highlighted in yellow (e.g., 3.085, 2.870, 3.252, 2.695).



FCC SAR Test Report

Report No. : FA322305

Table with columns for test parameters (Band, Power, Modulation, etc.) and SAR results. Includes rows for WCDMA II and LTE Band 25 tests, with a highlighted result of 2.987.



FCC SAR Test Report

Report No. : FA322305

Table with columns for frequency bands (FR1 n25, FR1 n30, LTE Band 30, LTE Band 7), power (40M, 20M, 10M), modulation (QPSK), and various SAR parameters. Includes sub-sections for 2300Mhz and 2600Mhz.



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | | | | | | | | | |
|-----|------------------|-----|------|-----|----|---|-------------|-----|-------|-------|-----------------|-------------------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 0mm | Ant 0 | ECC 6 | 21100 | 2535 | 19.99 | 21.00 | 1.262 | - | - | 0.03 | 1.060 | 1.338 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 9mm | Ant 0 | ECC 4 | 21100 | 2535 | 22.97 | 24.00 | 1.268 | - | - | -0.05 | 0.438 | 0.555 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 7mm | Ant 0 | ECC 4 | 21100 | 2535 | 22.97 | 24.00 | 1.268 | - | - | -0.09 | 0.979 | 1.241 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 9mm | Ant 0 | ECC 4 | 21100 | 2535 | 22.97 | 24.00 | 1.268 | - | - | -0.15 | 0.808 | 1.024 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 0mm | Ant 1 | ECC 6 | 21100 | 2535 | 16.61 | 17.50 | 1.227 | - | - | 0.06 | 0.822 | 1.009 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 0mm | Ant 1 | ECC 6 | 21100 | 2535 | 16.57 | 17.50 | 1.239 | - | - | -0.08 | 0.729 | 0.903 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 21100 | 2535 | 16.61 | 17.50 | 1.227 | - | - | -0.03 | 1.870 | 2.295 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Top Side | 0mm | Ant 1 | ECC 6 | 21100 +21298 | 2535 +2554.8 | 16.52 | 17.50 | 1.253 | - | - | 0.07 | 1.720 | 2.155 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 20850 | 2510 | 16.50 | 17.50 | 1.259 | - | - | 0.08 | 1.530 | 1.926 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 21350 | 2560 | 16.53 | 17.50 | 1.250 | - | - | 0.05 | 1.700 | 2.125 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 21100 | 2535 | 16.57 | 17.50 | 1.239 | - | - | -0.13 | 1.710 | 2.118 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 20850 | 2510 | 16.43 | 17.50 | 1.279 | - | - | -0.05 | 1.680 | 2.149 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 21350 | 2560 | 16.44 | 17.50 | 1.276 | - | - | -0.1 | 1.730 | 2.208 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 21100 | 2535 | 16.42 | 17.50 | 1.282 | - | - | -0.07 | 1.580 | 2.026 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 6mm | Ant 1 | ECC 4 | 21100 | 2535 | 23.15 | 24.00 | 1.216 | - | - | 0.04 | 2.160 | 2.627 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Back | 6mm | Ant 1 | ECC 4 | 21100 +21298 | 2535 +2554.8 | 22.91 | 24.00 | 1.285 | - | - | 0.01 | 2.020 | 2.596 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 6mm | Ant 1 | ECC 4 | 20850 | 2510 | 23.10 | 24.00 | 1.230 | - | - | 0.03 | 2.010 | 2.473 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 6mm | Ant 1 | ECC 4 | 21350 | 2560 | 22.99 | 24.00 | 1.262 | - | - | 0.09 | 1.950 | 2.461 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 6mm | Ant 1 | ECC 4 | 21100 | 2535 | 22.19 | 23.00 | 1.205 | - | - | 0.01 | 1.870 | 2.253 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 8mm | Ant 1 | ECC 4 | 21100 | 2535 | 23.15 | 24.00 | 1.216 | - | - | 0.06 | 1.690 | 2.055 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 40620 | 2593 | 23.24 | 24.00 | 1.191 | 62.9 | 1.006 | 0.02 | 1.770 | 2.121 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Back | 0mm | Ant 0 | ECC 6 | 40620 +40818 | 2593 +2612.8 | 23.03 | 24.00 | 1.250 | 62.9 | 1.006 | 0.09 | 1.630 | 2.050 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 39750 | 2506 | 22.95 | 24.00 | 1.274 | 62.9 | 1.006 | 0.05 | 1.530 | 1.960 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 41055 | 2549.5 | 23.07 | 24.00 | 1.239 | 62.9 | 1.006 | 0.09 | 1.590 | 1.982 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 41490 | 2680 | 23.12 | 24.00 | 1.225 | 62.9 | 1.006 | -0.02 | 1.420 | 1.749 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 40620 | 2593 | 22.26 | 23.00 | 1.186 | 62.9 | 1.006 | 0.09 | 1.250 | 1.491 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 40620 | 2593 | 22.22 | 23.00 | 1.197 | 62.9 | 1.006 | 0.1 | 1.280 | 1.541 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 0mm | Ant 0 | ECC 6 | 40620 | 2593 | 23.24 | 24.00 | 1.191 | 62.9 | 1.006 | 0.18 | 1.160 | 1.390 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 0mm | Ant 0 | ECC 6 | 40620 | 2593 | 22.26 | 23.00 | 1.186 | 62.9 | 1.006 | 0.08 | 1.090 | 1.300 |
| 115 | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 0mm | Ant 0 | ECC 6 | 40620 | 2593 | 25.53 | 26.00 | 1.114 | 42.9 | 1.009 | 0.04 | 2.220 | 2.496 |
| | LTE Band 41C PC2 | 20M | QPSK | 1 | 99 | - | Back | 0mm | Ant 0 | ECC 6 | 40620 +40818 | 2593 +2612.8 | 25.47 | 26.00 | 1.130 | 42.9 | 1.009 | 0.01 | 2.080 | 2.371 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 7mm | Ant 0 | ECC 4 | 40620 | 2593 | 23.24 | 24.00 | 1.191 | 62.9 | 1.006 | 0.1 | 0.525 | 0.629 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 9mm | Ant 0 | ECC 4 | 40620 | 2593 | 23.24 | 24.00 | 1.191 | 62.9 | 1.006 | 0.04 | 0.366 | 0.439 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Back | 7mm | Ant 0 | ECC 4 | 40620 | 2593 | 26.46 | 27.00 | 1.132 | 42.9 | 1.009 | 0.1 | 0.821 | 0.938 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40620 | 2593 | 19.62 | 20.40 | 1.197 | 62.9 | 1.006 | 0.08 | 1.650 | 1.986 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 39750 | 2506 | 19.55 | 20.40 | 1.216 | 62.9 | 1.006 | 0.04 | 1.650 | 2.019 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40185 | 2549.5 | 19.52 | 20.40 | 1.225 | 62.9 | 1.006 | -0.17 | 1.730 | 2.131 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40185 +40383 | 2549.5 +2569.3 | 19.49 | 20.40 | 1.233 | 62.9 | 1.006 | -0.05 | 1.620 | 2.010 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 41055 | 2636.5 | 19.59 | 20.40 | 1.205 | 62.9 | 1.006 | -0.12 | 1.370 | 1.661 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 41490 | 2680 | 19.51 | 20.40 | 1.227 | 62.9 | 1.006 | -0.09 | 1.380 | 1.704 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40620 | 2593 | 19.56 | 20.40 | 1.213 | 62.9 | 1.006 | 0.17 | 1.220 | 1.489 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40620 | 2593 | 19.53 | 20.40 | 1.222 | 62.9 | 1.006 | 0.08 | 1.190 | 1.463 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40185 | 2549.5 | 21.09 | 22.00 | 1.233 | 42.9 | 1.009 | 0.06 | 1.770 | 2.202 |
| | LTE Band 41C PC2 | 20M | QPSK | 1 | 99 | - | Top Side | 0mm | Ant 1 | ECC 6 | 40185 +40383 | 2549.5 +2569.3 | 21.01 | 22.00 | 1.256 | 42.9 | 1.009 | 0.02 | 1.680 | 2.129 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 8mm | Ant 1 | ECC 4 | 40620 | 2593 | 23.05 | 24.00 | 1.245 | 62.9 | 1.006 | -0.05 | 0.812 | 1.017 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Top Side | 8mm | Ant 1 | ECC 4 | 40620 | 2593 | 26.14 | 27.00 | 1.219 | 42.9 | 1.009 | -0.05 | 1.460 | 1.796 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 40620 | 2593 | 22.67 | 24.00 | 1.358 | 62.9 | 1.006 | 0.06 | 1.350 | 1.845 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 39750 | 2506 | 22.57 | 24.00 | 1.390 | 62.9 | 1.006 | 0.03 | 1.250 | 1.748 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 40185 | 2549.5 | 22.50 | 24.00 | 1.413 | 62.9 | 1.006 | 0.1 | 1.230 | 1.748 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 41055 | 2636.5 | 22.58 | 24.00 | 1.387 | 62.9 | 1.006 | -0.06 | 1.210 | 1.688 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 41490 | 2680 | 22.49 | 24.00 | 1.416 | 62.9 | 1.006 | 0.04 | 1.270 | 1.809 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 40620 | 2593 | 21.55 | 23.00 | 1.396 | 62.9 | 1.006 | 0.11 | 1.090 | 1.531 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 40620 | 2593 | 21.52 | 23.00 | 1.406 | 62.9 | 1.006 | 0.02 | 0.993 | 1.405 |
| | LTE Band 41 PC2 | 20M | QPSK | 1 | 0 | - | Left Side | 0mm | Ant 6 | ECC 6 | 40620 | 2593 | 25.45 | 27.00 | 1.429 | 42.9 | 1.009 | 0.14 | 1.650 | 2.379 |



FCC SAR Test Report

Report No. : FA322305

| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | 0.05 | 1.780 | 2.251 |
|-----|-------------|------|------|-----|----|---------------|-------------|-----|-------|-------|--------|---------|-------|-------|-------|---|---|-------|-------|-------|
| 116 | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 22.90 | 24.00 | 1.288 | - | - | 0.01 | 2.100 | 2.705 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 505000 | 2525 | 22.88 | 24.00 | 1.294 | - | - | 0.07 | 1.850 | 2.394 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 509000 | 2545 | 22.84 | 24.00 | 1.306 | - | - | 0.09 | 1.920 | 2.508 |
| | FR1 n7 | 50M | QPSK | 270 | 0 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 21.92 | 23.00 | 1.282 | - | - | 0.08 | 1.720 | 2.206 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | -0.06 | 1.810 | 2.289 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 22.90 | 24.00 | 1.288 | - | - | 0.04 | 1.760 | 2.267 |
| | FR1 n7 | 50M | QPSK | 270 | 0 | DFT-SCS-15KHz | Back | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 21.92 | 23.00 | 1.282 | - | - | -0.09 | 1.640 | 2.103 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | -0.04 | 1.230 | 1.556 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Bottom Side | 0mm | Ant 0 | ECI 6 | 507000 | 2535 | 22.90 | 24.00 | 1.288 | - | - | 0.04 | 1.200 | 1.546 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 9mm | Ant 0 | ECI 4 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | -0.07 | 0.369 | 0.467 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Front | 9mm | Ant 0 | ECI 4 | 507000 | 2535 | 22.90 | 24.00 | 1.288 | - | - | -0.16 | 0.373 | 0.481 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 7mm | Ant 0 | ECI 4 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | 0.18 | 0.725 | 0.917 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 9mm | Ant 0 | ECI 4 | 507000 | 2535 | 22.98 | 24.00 | 1.265 | - | - | 0.14 | 0.662 | 0.837 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 0mm | Ant 1 | ECI 6 | 507000 | 2535 | 18.42 | 19.00 | 1.143 | - | - | -0.01 | 0.666 | 0.761 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Back | 0mm | Ant 1 | ECI 6 | 507000 | 2535 | 18.36 | 19.00 | 1.159 | - | - | -0.11 | 0.618 | 0.716 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 0mm | Ant 1 | ECI 6 | 507000 | 2535 | 18.42 | 19.00 | 1.143 | - | - | 0.07 | 1.640 | 1.874 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Top Side | 0mm | Ant 1 | ECI 6 | 507000 | 2535 | 18.36 | 19.00 | 1.159 | - | - | -0.03 | 1.700 | 1.970 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Top Side | 0mm | Ant 1 | ECI 6 | 505000 | 2525 | 18.31 | 19.00 | 1.172 | - | - | 0.07 | 1.370 | 1.606 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Top Side | 0mm | Ant 1 | ECI 6 | 509000 | 2545 | 18.31 | 19.00 | 1.172 | - | - | -0.03 | 1.520 | 1.782 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 6mm | Ant 1 | ECI 4 | 507000 | 2535 | 23.48 | 24.00 | 1.127 | - | - | -0.15 | 1.210 | 1.364 |
| | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 8mm | Ant 1 | ECI 4 | 507000 | 2535 | 23.48 | 24.00 | 1.127 | - | - | 0.03 | 1.040 | 1.172 |
| | FR1 n7 | 50M | QPSK | 135 | 68 | DFT-SCS-15KHz | Top Side | 8mm | Ant 1 | ECI 4 | 507000 | 2535 | 23.42 | 24.00 | 1.143 | - | - | 0.01 | 1.380 | 1.577 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 23.07 | 24.00 | 1.239 | - | - | 0.04 | 2.390 | 2.961 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 0mm | Ant 0 | ECI 6 | 510000 | 2550 | 22.97 | 24.00 | 1.268 | - | - | 0.07 | 1.960 | 2.485 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 0mm | Ant 0 | ECI 6 | 528000 | 2640 | 22.95 | 24.00 | 1.274 | - | - | 0.09 | 2.120 | 2.700 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 22.88 | 24.00 | 1.294 | - | - | 0.02 | 1.880 | 2.433 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 22.83 | 24.00 | 1.309 | - | - | -0.15 | 2.150 | 2.815 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 23.07 | 24.00 | 1.239 | - | - | 0.01 | 2.350 | 2.911 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 22.88 | 24.00 | 1.294 | - | - | 0.04 | 1.810 | 2.342 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 22.83 | 24.00 | 1.309 | - | - | 0.03 | 2.050 | 2.684 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 23.07 | 24.00 | 1.239 | - | - | 0.09 | 1.810 | 2.242 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 22.88 | 24.00 | 1.294 | - | - | 0.04 | 1.590 | 2.058 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Bottom Side | 0mm | Ant 0 | ECI 6 | 518598 | 2592.99 | 22.83 | 24.00 | 1.309 | - | - | 0.11 | 1.640 | 2.147 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 9mm | Ant 0 | ECI 4 | 518598 | 2592.99 | 25.97 | 27.00 | 1.268 | - | - | 0.08 | 0.452 | 0.573 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 7mm | Ant 0 | ECI 4 | 518598 | 2592.99 | 25.97 | 27.00 | 1.268 | - | - | -0.02 | 0.864 | 1.095 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 9mm | Ant 0 | ECI 4 | 518598 | 2592.99 | 25.97 | 27.00 | 1.268 | - | - | 0.02 | 0.809 | 1.026 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 0mm | Ant 1 | ECI 6 | 518598 | 2592.99 | 18.64 | 19.50 | 1.219 | - | - | -0.18 | 0.933 | 1.137 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 0mm | Ant 1 | ECI 6 | 518598 | 2592.99 | 18.56 | 19.50 | 1.242 | - | - | 0.1 | 0.909 | 1.129 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 0mm | Ant 1 | ECI 6 | 518598 | 2592.99 | 18.64 | 19.50 | 1.219 | - | - | -0.09 | 1.910 | 2.328 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 0mm | Ant 1 | ECI 6 | 518598 | 2592.99 | 18.56 | 19.50 | 1.242 | - | - | 0.07 | 1.770 | 2.198 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Top Side | 0mm | Ant 1 | ECI 6 | 518598 | 2592.99 | 18.44 | 19.50 | 1.276 | - | - | -0.13 | 1.680 | 2.144 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 6mm | Ant 1 | ECI 4 | 518598 | 2592.99 | 26.06 | 27.00 | 1.242 | - | - | -0.02 | 2.240 | 2.781 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 6mm | Ant 1 | ECI 4 | 518598 | 2592.99 | 26.00 | 27.00 | 1.259 | - | - | 0.09 | 2.150 | 2.707 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 6mm | Ant 1 | ECI 4 | 518598 | 2592.99 | 25.23 | 26.00 | 1.194 | - | - | 0.05 | 2.010 | 2.400 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 8mm | Ant 1 | ECI 4 | 518598 | 2592.99 | 26.06 | 27.00 | 1.242 | - | - | -0.1 | 1.970 | 2.446 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 8mm | Ant 1 | ECI 4 | 518598 | 2592.99 | 26.00 | 27.00 | 1.259 | - | - | 0.03 | 1.890 | 2.379 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Top Side | 8mm | Ant 1 | ECI 4 | 518598 | 2592.99 | 25.23 | 26.00 | 1.194 | - | - | 0.06 | 1.920 | 2.292 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.55 | 23.00 | 1.396 | - | - | 0.05 | 1.360 | 1.899 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.46 | 23.00 | 1.426 | - | - | 0.08 | 1.220 | 1.739 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.55 | 23.00 | 1.396 | - | - | -0.04 | 0.799 | 1.116 |
| | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.46 | 23.00 | 1.426 | - | - | 0.07 | 0.757 | 1.079 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.55 | 23.00 | 1.396 | - | - | -0.07 | 1.910 | 2.667 |
| 117 | FR1 n41 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.46 | 23.00 | 1.426 | - | - | -0.03 | 2.450 | 3.493 |
| | FR1 n41 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.45 | 23.00 | 1.429 | - | - | -0.07 | 2.010 | 2.872 |
| | FR1 n41 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 9mm | Ant 2 | ECI 4 | 518598 | 2592.99 | 25.53 | 27.00 | 1.403 | - | - | 0.05 | 0.377 | 0.529 |



FCC SAR Test Report

Report No. : FA322305

Table with columns for device model, power, modulation, frequency, channel, antenna, distance, and various SAR metrics. Includes a 3500MHz section with LTE Band 48 and LTE Band 48C data.



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | | | | | | | | | |
|-----|-------------|------|------|-----|----|---------------|------------|------|-------|-------|--------|---------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 6mm | Ant 7 | ECI 4 | 55830 | 3609 | 22.91 | 24.00 | 1.285 | 62.9 | 1.006 | 0.12 | 0.492 | 0.636 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 9mm | Ant 7 | ECI 4 | 55830 | 3609 | 22.91 | 24.00 | 1.285 | 62.9 | 1.006 | 0.06 | 0.451 | 0.583 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 11mm | Ant 7 | ECI 4 | 55830 | 3609 | 22.91 | 24.00 | 1.285 | 62.9 | 1.006 | 0.17 | 0.195 | 0.252 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 55830 | 3609 | 21.98 | 23.00 | 1.265 | 62.9 | 1.006 | 0.08 | 2.240 | 2.850 |
| 118 | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 55340 | 3560 | 21.88 | 23.00 | 1.294 | 62.9 | 1.006 | 0.07 | 2.400 | 3.125 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 56150 | 3641 | 21.93 | 23.00 | 1.279 | 62.9 | 1.006 | 0.16 | 1.920 | 2.471 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 56640 | 3690 | 21.78 | 23.00 | 1.324 | 62.9 | 1.006 | 0.11 | 1.890 | 2.518 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 55830 | 3609 | 21.79 | 23.00 | 1.321 | 62.9 | 1.006 | -0.09 | 1.950 | 2.592 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 55340 | 3560 | 21.67 | 23.00 | 1.358 | 62.9 | 1.006 | 0.08 | 2.060 | 2.815 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 56150 | 3641 | 21.54 | 23.00 | 1.400 | 62.9 | 1.006 | 0.03 | 1.910 | 2.689 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 56640 | 3690 | 21.62 | 23.00 | 1.374 | 62.9 | 1.006 | 0.08 | 2.030 | 2.806 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Side | 0mm | Ant 5 | ECI 4 | 55830 | 3609 | 21.71 | 23.00 | 1.346 | 62.9 | 1.006 | -0.05 | 2.010 | 2.721 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 641666 | 3624.99 | 20.45 | 21.00 | 1.135 | - | - | 0.07 | 1.470 | 1.668 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 641666 | 3624.99 | 20.28 | 21.00 | 1.180 | - | - | 0.06 | 1.360 | 1.605 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 7mm | Ant 4 | ECI 4 | 641666 | 3624.99 | 23.33 | 24.00 | 1.167 | - | - | 0.08 | 1.120 | 1.307 |
| 119 | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 641666 | 3624.99 | 21.53 | 22.00 | 1.114 | - | - | -0.08 | 2.350 | 2.619 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 641666 | 3624.99 | 21.49 | 22.00 | 1.125 | - | - | -0.06 | 2.260 | 2.542 |
| | FR1 n48 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 641666 | 3624.99 | 21.41 | 22.00 | 1.146 | - | - | 0.06 | 1.760 | 2.016 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 11mm | Ant 2 | ECI 4 | 641666 | 3624.99 | 23.53 | 24.00 | 1.114 | - | - | -0.05 | 0.363 | 0.404 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.73 | 22.00 | 1.340 | - | - | 0.03 | 0.454 | 0.608 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.66 | 22.00 | 1.361 | - | - | -0.17 | 0.389 | 0.530 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.73 | 22.00 | 1.340 | - | - | 0.06 | 1.540 | 2.063 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.66 | 22.00 | 1.361 | - | - | -0.07 | 1.620 | 2.206 |
| | FR1 n48 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.59 | 22.00 | 1.384 | - | - | -0.11 | 1.570 | 2.172 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.73 | 22.00 | 1.340 | - | - | 0.02 | 0.693 | 0.928 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 0mm | Ant 7 | ECI 6 | 641666 | 3624.99 | 20.66 | 22.00 | 1.361 | - | - | 0.07 | 0.614 | 0.836 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 6mm | Ant 7 | ECI 4 | 641666 | 3624.99 | 22.65 | 24.00 | 1.365 | - | - | 0.05 | 0.513 | 0.700 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 9mm | Ant 7 | ECI 4 | 641666 | 3624.99 | 22.65 | 24.00 | 1.365 | - | - | 0.05 | 0.228 | 0.311 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 9mm | Ant 7 | ECI 4 | 641666 | 3624.99 | 22.62 | 24.00 | 1.374 | - | - | 0.06 | 0.316 | 0.434 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 11mm | Ant 7 | ECI 4 | 641666 | 3624.99 | 22.65 | 24.00 | 1.365 | - | - | 0.15 | 0.164 | 0.224 |
| | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECI 4 | 641666 | 3624.99 | 23.34 | 24.00 | 1.164 | - | - | -0.11 | 1.750 | 2.037 |
| | FR1 n48 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECI 4 | 641666 | 3624.99 | 23.29 | 24.00 | 1.178 | - | - | -0.05 | 1.820 | 2.143 |
| | FR1 n48 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECI 4 | 641666 | 3624.99 | 22.30 | 23.00 | 1.175 | - | - | -0.09 | 1.600 | 1.880 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 656000 | 3840 | 20.23 | 21.00 | 1.194 | - | - | 0.08 | 1.300 | 1.552 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 656000 | 3840 | 20.20 | 21.00 | 1.202 | - | - | -0.02 | 1.080 | 1.298 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 7mm | Ant 4 | ECI 4 | 656000 | 3840 | 26.07 | 27.00 | 1.239 | - | - | 0.08 | 0.967 | 1.198 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 633334 | 3500.01 | 20.28 | 21.00 | 1.180 | - | - | -0.02 | 1.760 | 2.077 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 633334 | 3500.01 | 20.23 | 21.00 | 1.194 | - | - | -0.1 | 1.440 | 1.719 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 0mm | Ant 4 | ECI 6 | 633334 | 3500.01 | 20.17 | 21.00 | 1.211 | - | - | -0.02 | 1.690 | 2.046 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 7mm | Ant 4 | ECI 4 | 633334 | 3500.01 | 26.22 | 27.00 | 1.197 | - | - | 0.05 | 1.150 | 1.376 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 656000 | 3840 | 20.61 | 21.50 | 1.227 | - | - | -0.03 | 1.280 | 1.571 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 656000 | 3840 | 20.54 | 21.50 | 1.247 | - | - | -0.03 | 1.400 | 1.746 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 11mm | Ant 2 | ECI 4 | 656000 | 3840 | 25.91 | 27.00 | 1.285 | - | - | 0.06 | 0.566 | 0.727 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 11mm | Ant 2 | ECI 4 | 656000 | 3840 | 25.88 | 27.00 | 1.294 | - | - | -0.14 | 0.702 | 0.909 |
| 120 | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 633334 | 3500.01 | 20.60 | 21.50 | 1.230 | - | - | 0.06 | 2.500 | 3.076 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 633334 | 3500.01 | 20.54 | 21.50 | 1.247 | - | - | 0.14 | 2.230 | 2.782 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 633334 | 3500.01 | 20.47 | 21.50 | 1.268 | - | - | 0.17 | 2.150 | 2.725 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 11mm | Ant 2 | ECI 4 | 633334 | 3500.01 | 25.92 | 27.00 | 1.282 | - | - | 0.18 | 0.619 | 0.794 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 0mm | Ant 7 | ECI 6 | 656000 | 3840 | 20.77 | 21.80 | 1.268 | - | - | 0.06 | 1.980 | 2.510 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 0mm | Ant 7 | ECI 6 | 656000 | 3840 | 20.69 | 21.80 | 1.291 | - | - | 0.03 | 1.830 | 2.363 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 0mm | Ant 7 | ECI 6 | 656000 | 3840 | 20.62 | 21.80 | 1.312 | - | - | 0.12 | 1.880 | 2.467 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 9mm | Ant 7 | ECI 4 | 656000 | 3840 | 23.18 | 24.30 | 1.294 | - | - | 0.05 | 0.299 | 0.387 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 0mm | Ant 7 | ECI 6 | 633334 | 3500.01 | 20.83 | 21.80 | 1.250 | - | - | -0.09 | 0.197 | 0.246 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 0mm | Ant 7 | ECI 6 | 633334 | 3500.01 | 20.76 | 21.80 | 1.271 | - | - | 0.07 | 0.181 | 0.230 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 0mm | Ant 7 | ECI 6 | 633334 | 3500.01 | 20.83 | 21.80 | 1.250 | - | - | 0.06 | 0.524 | 0.655 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 0mm | Ant 7 | ECI 6 | 633334 | 3500.01 | 20.76 | 21.80 | 1.271 | - | - | 0.02 | 0.511 | 0.649 |



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | | | | | | | | |
|-------------|------|------|-----|----|---------------|------------|------|-------|-------|--------|---------|-------|-------|-------|---|---|-------|-------|-------|
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 6mm | Ant 7 | ECl 4 | 633334 | 3500.01 | 23.25 | 24.30 | 1.274 | - | - | 0.06 | 0.256 | 0.326 |
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 11mm | Ant 7 | ECl 4 | 633334 | 3500.01 | 23.25 | 24.30 | 1.274 | - | - | -0.15 | 0.105 | 0.134 |
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECl 4 | 656000 | 3840 | 23.49 | 24.50 | 1.262 | - | - | -0.07 | 1.260 | 1.590 |
| FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECl 4 | 656000 | 3840 | 23.41 | 24.50 | 1.285 | - | - | -0.09 | 1.320 | 1.697 |
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 0mm | Ant 5 | ECl 4 | 633334 | 3500.01 | 23.85 | 24.50 | 1.161 | - | - | 0.04 | 0.687 | 0.798 |
| FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 0mm | Ant 5 | ECl 4 | 633334 | 3500.01 | 23.77 | 24.50 | 1.183 | - | - | 0.03 | 0.648 | 0.767 |
| FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECl 4 | 633334 | 3500.01 | 23.85 | 24.50 | 1.161 | - | - | -0.02 | 2.130 | 2.474 |
| FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECl 4 | 633334 | 3500.01 | 23.77 | 24.50 | 1.183 | - | - | -0.07 | 1.830 | 2.165 |
| FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 0mm | Ant 5 | ECl 4 | 633334 | 3500.01 | 23.76 | 24.50 | 1.186 | - | - | 0.04 | 1.750 | 2.075 |



| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 10g SAR (W/kg) | Reported 10g SAR (W/kg) |
|----------------|-------------|---------------------|---------------|----------|------------|--------------|-----|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|-------------------------|-------------------------|
| 2450MHz | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 0mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | 0.08 | 0.496 | 0.696 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 0mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | 0.09 | 1.570 | 2.203 |
| 121 | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 0mm | Ant 3+8(3) | Standalone | 6 | 2437 | 19.87 | 21.50 | 1.455 | 99.31 | 1.007 | -0.02 | 1.790 | 2.624 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 0mm | Ant 3+8(3) | Standalone | 1 | 2412 | 19.93 | 21.50 | 1.435 | 99.31 | 1.007 | 0.04 | 1.610 | 2.327 |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 0mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | -0.11 | 1.260 | 1.768 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 0mm | Ant 3+8(3) | Simultaneous | 6 | 2437 | 14.83 | 16.50 | 1.469 | 99.31 | 1.007 | 0.03 | 0.691 | 1.022 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 6mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | 0.01 | 0.313 | 0.439 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 9mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | 0.07 | 0.232 | 0.325 |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 11mm | Ant 3+8(8) | Standalone | 11 | 2462 | 20.06 | 21.50 | 1.393 | 99.31 | 1.007 | 0.06 | 0.177 | 0.248 |
| 5000MHz | | | | | | | | | | | | | | | | |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Front | 0mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.01 | 0.311 | 0.474 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Back | 0mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.08 | 0.443 | 0.676 |
| 122 | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | -0.01 | 1.290 | 1.968 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(3) | Standalone | 38 | 5190 | 12.71 | 14.50 | 1.510 | 93.9 | 1.065 | -0.01 | 0.531 | 0.854 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Top Side | 0mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.07 | 0.624 | 0.952 |
| | WLAN 5.2GHz | 802.11ac-VHT80 MCS0 | Right Side | 0mm | Ant 3+8(3) | Simultaneous | 42 | 5210 | 8.85 | 10.50 | 1.462 | 88.79 | 1.126 | 0.05 | 0.552 | 0.909 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Front | 9mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.07 | 0.203 | 0.310 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Back | 6mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.02 | 0.311 | 0.474 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Right Side | 9mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.06 | 0.223 | 0.340 |
| | WLAN 5.2GHz | 802.11n-HT40 MCS0 | Top Side | 11mm | Ant 3+8(3) | Standalone | 46 | 5230 | 17.94 | 19.50 | 1.432 | 93.9 | 1.065 | 0.09 | 0.070 | 0.107 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Front | 0mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.02 | 0.944 | 1.391 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Back | 0mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.09 | 0.404 | 0.595 |
| 123 | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | -0.03 | 1.390 | 2.048 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(3) | Standalone | 62 | 5310 | 13.88 | 15.50 | 1.452 | 93.9 | 1.065 | 0.01 | 0.980 | 1.516 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Top Side | 0mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.11 | 0.573 | 0.844 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(3) | Simultaneous | 54 | 5270 | 14.21 | 15.50 | 1.346 | 93.9 | 1.065 | 0.07 | 0.568 | 0.814 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Front | 9mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | -0.03 | 0.104 | 0.153 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Back | 6mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.11 | 0.311 | 0.458 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Right Side | 9mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.05 | 0.224 | 0.330 |
| | WLAN 5.3GHz | 802.11n-HT40 MCS0 | Top Side | 11mm | Ant 3+8(3) | Standalone | 54 | 5270 | 18.09 | 19.50 | 1.384 | 93.9 | 1.065 | 0.02 | 0.086 | 0.127 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Front | 0mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | -0.17 | 0.619 | 1.005 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Back | 0mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | 0.06 | 0.293 | 0.476 |
| 124 | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | -0.09 | 1.330 | 2.159 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(8) | Standalone | 134 | 5670 | 17.64 | 19.50 | 1.535 | 93.9 | 1.065 | 0.04 | 1.260 | 2.059 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(8) | Standalone | 102 | 5510 | 12.98 | 14.50 | 1.419 | 93.9 | 1.065 | 0.04 | 0.711 | 1.075 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Top Side | 0mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | -0.15 | 0.427 | 0.693 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Right Side | 0mm | Ant 3+8(8) | Simultaneous | 110 | 5550 | 13.73 | 15.00 | 1.340 | 93.9 | 1.065 | -0.09 | 0.574 | 0.819 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Front | 9mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | 0.04 | 0.068 | 0.110 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Back | 6mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | 0.03 | 0.223 | 0.362 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Right Side | 9mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | 0.09 | 0.180 | 0.292 |
| | WLAN 5.5GHz | 802.11n-HT40 MCS0 | Top Side | 11mm | Ant 3+8(3) | Standalone | 110 | 5550 | 18.17 | 20.00 | 1.524 | 93.9 | 1.065 | 0.05 | 0.058 | 0.094 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Back | 0mm | Ant 3+8(3) | Standalone | 155 | 5775 | 18.19 | 19.50 | 1.352 | 88.79 | 1.126 | 0.08 | 0.547 | 0.833 |
| 125 | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 0mm | Ant 3+8(3) | Standalone | 155 | 5775 | 18.19 | 19.50 | 1.352 | 88.79 | 1.126 | -0.01 | 1.750 | 2.664 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 0mm | Ant 3+8(3) | Simultaneous | 155 | 5775 | 12.71 | 14.00 | 1.346 | 88.79 | 1.126 | -0.08 | 0.622 | 0.943 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Back | 6mm | Ant 3+8(3) | Standalone | 155 | 5775 | 18.19 | 19.50 | 1.352 | 88.79 | 1.126 | 0.07 | 0.438 | 0.667 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 9mm | Ant 3+8(3) | Standalone | 155 | 5775 | 18.19 | 19.50 | 1.352 | 88.79 | 1.126 | 0.01 | 0.281 | 0.428 |



16.5 Repeated SAR Measurement

<1g>

| No. | Band | BW (MHz) | Modulation | RB Size | RB Offset | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Ratio | Reported 1g SAR (W/kg) |
|-----|-------------|----------|------------|---------|-----------|-------------------|---------------|----------|------------|-------------|--------|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|-------|------------------------|
| 1st | WLAN5GHz | - | - | - | - | 802.11n-HT40 MCS0 | Left Cheek | 0mm | Ant 3+8(3) | Receiver on | 54 | 5270 | 15.77 | 17.00 | 1.327 | 93.9 | 1.065 | -0.09 | 0.835 | 1 | 1.180 |
| 2st | WLAN5GHz | - | - | - | - | 802.11n-HT40 MCS0 | Left Cheek | 0mm | Ant 3+8(3) | Receiver on | 54 | 5270 | 15.77 | 17.00 | 1.327 | 93.9 | 1.065 | 0.04 | 0.811 | 1.030 | 1.146 |
| 1st | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | ECI 7 | 23230 | 782 | 23.05 | 24.00 | 1.245 | - | - | -0.09 | 1.080 | 1 | 1.344 |
| 2st | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | ECI 7 | 23230 | 782 | 23.05 | 24.00 | 1.245 | - | - | 0.05 | 1.010 | 1.069 | 1.257 |
| 1st | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | ECI 7 | 251 | 848.8 | 24.90 | 26.00 | 1.288 | - | - | -0.03 | 0.983 | 1 | 1.266 |
| 2st | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | ECI 7 | 251 | 848.8 | 24.90 | 26.00 | 1.288 | - | - | 0.05 | 0.965 | 1.019 | 1.243 |
| 1st | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | ECI 7 | 132322 | 1745 | 15.23 | 16.00 | 1.194 | - | - | -0.05 | 1.070 | 1 | 1.278 |
| 2st | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | ECI 7 | 132322 | 1745 | 15.23 | 16.00 | 1.194 | - | - | 0.01 | 0.988 | 1.083 | 1.180 |
| 1st | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | ECI 7 | 26590 | 1905 | 14.15 | 15.00 | 1.216 | - | - | -0.06 | 1.060 | 1 | 1.289 |
| 2st | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | ECI 7 | 26590 | 1905 | 14.15 | 15.00 | 1.216 | - | - | 0.03 | 0.951 | 1.115 | 1.157 |
| 1st | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | ECI 7 | 507000 | 2535 | 17.87 | 19.00 | 1.297 | - | - | 0.01 | 1.110 | 1 | 1.440 |
| 2st | FR1 n7 | 50M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | ECI 7 | 507000 | 2535 | 17.87 | 19.00 | 1.297 | - | - | 0.08 | 1.030 | 1.078 | 1.336 |
| 1st | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | -0.02 | 1.040 | 1 | 1.230 |
| 2st | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 641666 | 3624.99 | 21.27 | 22.00 | 1.183 | - | - | 0.05 | 0.962 | 1.081 | 1.138 |
| 1st | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | -0.08 | 0.987 | 1 | 1.136 |
| 2st | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | ECI 7 | 633334 | 3500.01 | 19.89 | 20.50 | 1.151 | - | - | 0.06 | 0.966 | 1.022 | 1.112 |
| 1st | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | ECI 3 | 462000 | 2310 | 18.87 | 19.50 | 1.156 | - | - | 0.09 | 1.010 | 1 | 1.168 |
| 2st | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | ECI 3 | 462000 | 2310 | 18.87 | 19.50 | 1.156 | - | - | 0.05 | 0.932 | 1.084 | 1.077 |
| 1st | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 3 | 656000 | 3840 | 22.03 | 23.00 | 1.250 | - | - | 0.05 | 0.860 | 1 | 1.075 |
| 2st | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | ECI 3 | 656000 | 3840 | 22.03 | 23.00 | 1.250 | - | - | 0.09 | 0.849 | 1.013 | 1.061 |
| 1st | WLAN2.4GHz | - | - | - | - | 802.11b 1Mbps | Back | 5mm | Ant 3+8(3) | Standalone | 1 | 2412 | 17.56 | 19.00 | 1.393 | 99.31 | 1.007 | -0.04 | 0.836 | 1 | 1.173 |
| 2st | WLAN2.4GHz | - | - | - | - | 802.11b 1Mbps | Back | 5mm | Ant 3+8(3) | Standalone | 1 | 2412 | 17.56 | 19.00 | 1.393 | 99.31 | 1.007 | 0.07 | 0.814 | 1.027 | 1.142 |

<10g>

| No. | Band | BW (MHz) | Modulation | RB Size | RB Offset | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 10g SAR (W/kg) | Ratio | Reported 10g SAR (W/kg) |
|-----|---------|----------|------------|---------|-----------|-------------------|---------------|----------|---------|-------------|--------|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|-------------------------|-------|-------------------------|
| 1st | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 0mm | Ant 0 | ECI 6 | 251 | 848.8 | 28.10 | 29.50 | 1.380 | - | - | 0.12 | 2.290 | 1 | 3.161 |
| 2st | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 0mm | Ant 0 | ECI 6 | 251 | 848.8 | 28.10 | 29.50 | 1.380 | - | - | 0.05 | 2.130 | 1.075 | 2.940 |
| 1st | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 0mm | Ant 0 | ECI 6 | 349000 | 1745 | 23.24 | 24.00 | 1.191 | - | - | -0.04 | 2.590 | 1 | 3.085 |
| 2st | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 0mm | Ant 0 | ECI 6 | 349000 | 1745 | 23.24 | 24.00 | 1.191 | - | - | 0.08 | 2.330 | 1.112 | 2.776 |
| 1st | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 0mm | Ant 0 | ECI 6 | 810 | 1909.8 | 23.41 | 24.50 | 1.285 | - | - | 0.09 | 2.530 | 1 | 3.252 |
| 2st | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 0mm | Ant 0 | ECI 6 | 810 | 1909.8 | 23.41 | 24.50 | 1.285 | - | - | 0.03 | 2.380 | 1.063 | 3.059 |
| 1st | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 462000 | 2310 | 23.42 | 24.00 | 1.143 | - | - | 0.02 | 2.360 | 1 | 2.697 |
| 2st | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 0mm | Ant 0 | ECI 6 | 462000 | 2310 | 23.42 | 24.00 | 1.143 | - | - | 0.05 | 2.140 | 1.103 | 2.446 |
| 1st | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.46 | 23.00 | 1.426 | - | - | -0.03 | 2.450 | 1 | 3.493 |
| 2st | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 518598 | 2592.99 | 21.46 | 23.00 | 1.426 | - | - | 0.05 | 2.310 | 1.061 | 3.293 |
| 1st | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 641666 | 3624.99 | 21.53 | 22.00 | 1.114 | - | - | -0.08 | 2.350 | 1 | 2.619 |
| 2st | FR1 n48 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 641666 | 3624.99 | 21.53 | 22.00 | 1.114 | - | - | -0.08 | 2.180 | 1.078 | 2.429 |
| 1st | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 633334 | 3500.01 | 20.60 | 21.50 | 1.230 | - | - | 0.06 | 2.500 | 1 | 3.076 |
| 2st | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 0mm | Ant 2 | ECI 6 | 633334 | 3500.01 | 20.60 | 21.50 | 1.230 | - | - | 0.09 | 2.380 | 1.050 | 2.928 |

General Note:

- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
- Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.
- Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
- The ratio is the difference in percentage between original and repeated *measured SAR*.
- All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16.6 TDD LTE Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

| LTE B41-Linearity Data for Head Ant0 | | | LTE B41-Linearity Data for Head Ant1 | | |
|---|----------------------------|----------------------------|---|----------------------------|----------------------------|
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 24.00 | 27.00 | Maximum Tune up Power (dBm) | 17.40 | 19.00 |
| Reported 1g SAR (W/kg) | 0.030 | 0.040 | Reported 1g SAR (W/kg) | 0.814 | 0.881 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 159.00 | 217.01 | Frame Averaged (mW) | 34.79 | 34.39 |
| Linearity SAR (W/kg) | 0.041 | | Linearity SAR (W/kg) | 0.805 | |
| % deviation from expected linearity | | -2.31% | % deviation from expected linearity | | 9.46% |
| LTE B41-Linearity Data for Body-worn Ant0 | | | LTE B41-Linearity Data for Body-worn Ant1 | | |
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 21.40 | 23.00 | Maximum Tune up Power (dBm) | 17.90 | 19.50 |
| Reported 1g SAR (W/kg) | 1.016 | 1.091 | Reported 1g SAR (W/kg) | 0.805 | 0.863 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 87.38 | 86.39 | Frame Averaged (mW) | 39.03 | 38.59 |
| Linearity SAR (W/kg) | 1.005 | | Linearity SAR (W/kg) | 0.796 | |
| % deviation from expected linearity | | 8.60% | % deviation from expected linearity | | 8.43% |
| LTE B41-Linearity Data for Hotspot Ant0 | | | LTE B41-Linearity Data for Hotspot Ant1 | | |
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.40 | 22.00 | Maximum Tune up Power (dBm) | 15.40 | 17.00 |
| Reported 1g SAR (W/kg) | 1.062 | 1.122 | Reported 1g SAR (W/kg) | 0.559 | 0.576 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 69.41 | 68.63 | Frame Averaged (mW) | 21.95 | 21.70 |
| Linearity SAR (W/kg) | 1.050 | | Linearity SAR (W/kg) | 0.553 | |
| % deviation from expected linearity | | 6.85% | % deviation from expected linearity | | 4.21% |
| LTE B41-Linearity Data for Extremity Ant0 | | | LTE B41-Linearity Data for Extremity Ant1 | | |
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 24.00 | 26.00 | Maximum Tune up Power (dBm) | 20.40 | 22.00 |
| Reported 10g SAR (W/kg) | 2.121 | 2.496 | Reported 10g SAR (W/kg) | 2.131 | 2.202 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 159.00 | 172.38 | Frame Averaged (mW) | 69.41 | 68.63 |
| Linearity SAR (W/kg) | 2.299 | | Linearity SAR (W/kg) | 2.107 | |
| % deviation from expected linearity | | 8.55% | % deviation from expected linearity | | 4.51% |



| LTE B41-Linearity Data for Head Ant2 | | | LTE B41-Linearity Data for Head Ant6 | | |
|---|----------------------------|----------------------------|---|----------------------------|----------------------------|
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 24.00 | 27.00 | Maximum Tune up Power (dBm) | 23.90 | 25.50 |
| Reported 1g SAR (W/kg) | 0.080 | 0.107 | Reported 1g SAR (W/kg) | 0.915 | 0.990 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 159.00 | 217.01 | Frame Averaged (mW) | 155.38 | 153.63 |
| Linearity SAR (W/kg) | 0.109 | | Linearity SAR (W/kg) | 0.905 | |
| % deviation from expected linearity | | -2.00% | % deviation from expected linearity | | 9.43% |
| LTE B41-Linearity Data for Body-worn Ant2 | | | LTE B41-Linearity Data for Body-worn Ant6 | | |
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 24.00 | 27.00 | Maximum Tune up Power (dBm) | 23.40 | 25.00 |
| Reported 1g SAR (W/kg) | 0.553 | 0.718 | Reported 1g SAR (W/kg) | 0.850 | 0.899 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 159.00 | 217.01 | Frame Averaged (mW) | 138.49 | 136.93 |
| Linearity SAR (W/kg) | 0.755 | | Linearity SAR (W/kg) | 0.840 | |
| % deviation from expected linearity | | -4.87% | % deviation from expected linearity | | 6.97% |
| LTE B41-Linearity Data for Hotspot Ant2 | | | LTE B41-Linearity Data for Hotspot Ant6 | | |
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) | | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 24.00 | 27.00 | Maximum Tune up Power (dBm) | 19.40 | 21.00 |
| Reported 1g SAR (W/kg) | 0.847 | 1.121 | Reported 1g SAR (W/kg) | 0.528 | 0.564 |
| Duty Cycle | 63.30% | 43.30% | Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 159.00 | 217.01 | Frame Averaged (mW) | 55.13 | 54.51 |
| Linearity SAR (W/kg) | 1.156 | | Linearity SAR (W/kg) | 0.522 | |
| % deviation from expected linearity | | -3.03% | % deviation from expected linearity | | 8.03% |

| LTE B41-Linearity Data for Extremity Ant6 | | |
|---|----------------------------|----------------------------|
| | LTE B41 (Power Class 3) | LTE B41 (Power Class 2) |
| Maximum Tune up Power (dBm) | 24.00 | 27.00 |
| Reported 10g SAR (W/kg) | 1.845 | 2.379 |
| Duty Cycle | 63.30% | 43.30% |
| Frame Averaged (mW) | 159.00 | 217.01 |
| Linearity SAR (W/kg) | 2.518 | |
| % deviation from expected linearity | | -5.53% |

17. Simultaneous Transmission Analysis

| No. | Simultaneous Transmission Configurations | Portable Handset | | | |
|-----|--|------------------|-----------|---------|--------------------------|
| | | Head | Body-worn | Hotspot | Product specific 10g SAR |
| 1. | WWAN + WLAN2.4GHz | Yes | Yes | Yes | Yes |
| 2. | WWAN + WLAN5GHz | Yes | Yes | Yes | Yes |
| 3. | WWAN + WLAN6GHz | Yes | Yes | Yes | Yes |
| 4. | WWAN + Bluetooth | Yes | Yes | Yes | Yes |
| 5. | WLAN2.4GHz Ant.8 + Bluetooth | Yes | Yes | Yes | Yes |
| 6. | WLAN5GHz+ Bluetooth | Yes | Yes | Yes | Yes |
| 7. | WLAN6GHz+ Bluetooth | Yes | Yes | Yes | Yes |
| 8. | WWAN + WLAN5GHz+ Bluetooth | Yes | Yes | Yes | Yes |
| 9. | WWAN + WLAN6GHz+ Bluetooth | Yes | Yes | Yes | Yes |
| 10. | WWAN + WLAN2.4GHz Ant.8 + Bluetooth | Yes | Yes | Yes | Yes |
| 11. | WWAN + WLAN2.4GHz +NFC | | | | Yes |
| 12. | WWAN + WLAN5GHz+NFC | | | | Yes |
| 13. | WWAN + WLAN6GHz+NFC | | | | Yes |
| 14. | WWAN + Bluetooth+NFC | | | | Yes |
| 15. | WLAN2.4GHz Ant.8 + Bluetooth+NFC | | | | Yes |
| 16. | WLAN5GHz+ Bluetooth+NFC | | | | Yes |
| 17. | WLAN6GHz+ Bluetooth+NFC | | | | Yes |
| 18. | WWAN + WLAN5GHz+ Bluetooth+NFC | | | | Yes |
| 19. | WWAN + WLAN6GHz+ Bluetooth+NFC | | | | Yes |
| 20. | WWAN + WLAN2.4GHz Ant.8 + Bluetooth+NFC | | | | Yes |

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands.
- The 2.4GHz/5GHz/6GHz WLAN can transmit in SISO and MIMO antenna mode.
- EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
- For EN-DC mode, MediaTek TA-SAR algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. TA-SAR algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. In this Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.
- This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
- This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN6GHz has no hotspot function.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can't transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
- WLAN 2.4GHz and Bluetooth share the same antenna, and they cannot transmit simultaneously each other.
- According to the EUT characteristic, WLAN 2.4GHz Ant.8 and Bluetooth can transmit simultaneously.
- NFC can transmit simultaneously with other Radios in extremity exposure condition.
- For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
- When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
- The maximum SAR summation is calculated based on the same configuration and test position.
- For standalone WWAN, always choose the highest SAR among the selected WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands.
- For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for Hotspot SAR and body-worn SAR each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands.
- For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2



transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.

21. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR , simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
 - v) The SPLSR calculated results please refer to section 18.6.
22. The WLAN6GHz Sim-Tx analysis guidance with other transmitters was based on SAR test results. The simultaneous transmission and test exemption analysis per KDB 447498 D01, and the device does not support FR2 or another MPE field measurement, therefore SAR report in section 17 has include TER analysis requirement according to KDB 987594.

17.1 5G NR + LTE + WLAN + BT Sim-Tx analysis

In 5G NR + LTE + WLAN + BT simultaneous transmission, 5G NR and LTE transmission are managed and controlled by MediaTek TA-SAR, while the RF exposure from WLAN and BT radios is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since WLAN and BT do not employ time-averaging, 1gSAR and 10gSAR measurement for WLAN and BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

TA-SAR current implementation assumes hotspots from 5G NR and LTE are collocated. Therefore, for a total of 100% exposure margin, if LTE uses x , then the exposure margin left for 5G NR is capped to y . Thus, the compliance equation for LTE + 5G NR is

$$\begin{aligned}x * A + y * B + m &\leq 1 \\x + y &= g \leq 1 \\g + m &\leq 1\end{aligned}$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR (i.e., PD exposure for 5G FR2 or SAR exposure for 5G FR1), and $B \leq 1.0$.

Let m = normalized reported SAR exposure ratio from WLAN+BT, then for compliance,

$$x * A + y * B + m \leq 1.0 \quad (1)$$

$$x * A + y * B \leq x * \max(A, B) + (g-x) * \max(A, B) \leq \max(A, B)$$

$$x * A + (g-x) * B + m \leq \max(A, B) + m \leq 1.0 \quad (2)$$

If $A + m \leq 1.0$ and $B + m \leq 1.0$ can be proven, then " $x * A + y * B + m \leq 1.0$ ". Therefore simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + WLAN + BT < 1

Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Else, if $A + m > 1.0$ and/or $B + m > 1.0$, then the followings need to hold true for compliance:

- i. A and m are decoupled based on the SPLSR criteria, and
- ii. $y * B + m \leq 1.0$, and
- iii. $x * A + y * B \leq 1.0$

Note iii. is covered in Part 2 report; i. and ii. should be addressed in Part 2 report.

Above analysis is also apply to LTE/NR inter-band uplink, LTE(NR)1 + LTE(NR)2 + WLAN + BT simultaneous transmission, So inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + WLAN + BT < 1.

Above analysis is also apply to NR band UL MIMO, NR(SISO1) + NR(SISO2) + WLAN + BT simultaneous transmission, So UL MIMO no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of NR + WLAN + BT < 1.



17.2 Head Exposure Conditions

| WWAN Band | Exposure Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1+2 | 1+3+7 | 1+4+6 | 1+5+6 |
|-------------------|-------------------|---------------|--------------------|------------------|------------------|------------------|-----------------|----------------------------------|---------------|---------------|---------------|---------------|
| | | WWAN | WLAN2.4GHz Ant 3+8 | WLAN2.4GHz Ant 8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | Bluetooth Ant 3 | Bluetooth Ant 3 For Simultaneous | Summed | Summed | Summed | Summed |
| | | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) |
| GSM850 Ant 0 | Right Cheek | 0.685 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.03 | 0.71 | 1.21 | 1.04 |
| | Right Tilted | 0.295 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.64 | 0.32 | 0.82 | 0.59 |
| | Left Cheek | 0.486 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.84 | 0.54 | 1.01 | 0.96 |
| | Left Tilted | 0.310 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.66 | 0.37 | 0.84 | 0.64 |
| GSM1900 Ant 0 | Right Cheek | 0.072 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.42 | 0.10 | 0.60 | 0.43 |
| | Right Tilted | 0.070 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.42 | 0.10 | 0.60 | 0.36 |
| | Left Cheek | 0.132 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.48 | 0.19 | 0.66 | 0.60 |
| | Left Tilted | 0.058 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.41 | 0.12 | 0.58 | 0.39 |
| WCDMA II Ant 0 | Right Cheek | 0.146 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.50 | 0.17 | 0.67 | 0.50 |
| | Right Tilted | 0.121 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.47 | 0.15 | 0.65 | 0.41 |
| | Left Cheek | 0.222 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.57 | 0.28 | 0.75 | 0.69 |
| | Left Tilted | 0.115 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.46 | 0.18 | 0.64 | 0.45 |
| WCDMA IV Ant 0 | Right Cheek | 0.132 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.48 | 0.16 | 0.66 | 0.49 |
| | Right Tilted | 0.089 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.44 | 0.12 | 0.62 | 0.38 |
| | Left Cheek | 0.120 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.47 | 0.17 | 0.65 | 0.59 |
| | Left Tilted | 0.085 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.43 | 0.15 | 0.61 | 0.42 |
| WCDMA V Ant 0 | Right Cheek | 0.448 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.80 | 0.47 | 0.97 | 0.80 |
| | Right Tilted | 0.245 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.59 | 0.27 | 0.77 | 0.54 |
| | Left Cheek | 0.307 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.66 | 0.36 | 0.83 | 0.78 |
| | Left Tilted | 0.233 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.58 | 0.30 | 0.76 | 0.57 |
| LTE Band 7 Ant 0 | Right Cheek | 0.085 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.43 | 0.11 | 0.61 | 0.44 |
| | Right Tilted | 0.001 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.35 | 0.03 | 0.53 | 0.29 |
| | Left Cheek | 0.077 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.43 | 0.13 | 0.60 | 0.55 |
| | Left Tilted | 0.039 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.39 | 0.10 | 0.57 | 0.37 |
| LTE Band 7 Ant 1 | Right Cheek | 0.647 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.00 | 0.67 | 1.17 | 1.00 |
| | Right Tilted | 0.847 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.20 | 0.87 | 1.37 | 1.14 |
| | Left Cheek | 0.442 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.79 | 0.50 | 0.97 | 0.91 |
| | Left Tilted | 0.551 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.90 | 0.61 | 1.08 | 0.88 |
| LTE Band 12 Ant 0 | Right Cheek | 0.259 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.61 | 0.28 | 0.79 | 0.61 |
| | Right Tilted | 0.152 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.50 | 0.18 | 0.68 | 0.45 |
| | Left Cheek | 0.228 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.58 | 0.28 | 0.75 | 0.70 |
| | Left Tilted | 0.157 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.51 | 0.22 | 0.68 | 0.49 |
| LTE Band 12 Ant 1 | Right Cheek | 0.858 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.21 | 0.88 | 1.38 | 1.21 |
| | Right Tilted | 0.795 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.14 | 0.82 | 1.32 | 1.09 |
| | Left Cheek | 0.336 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.69 | 0.39 | 0.86 | 0.81 |
| | Left Tilted | 0.377 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.73 | 0.44 | 0.90 | 0.71 |
| LTE Band 13 Ant 0 | Right Cheek | 0.285 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.63 | 0.31 | 0.81 | 0.64 |
| | Right Tilted | 0.167 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.52 | 0.19 | 0.69 | 0.46 |
| | Left Cheek | 0.215 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.56 | 0.27 | 0.74 | 0.68 |
| | Left Tilted | 0.152 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.50 | 0.21 | 0.68 | 0.49 |
| LTE Band 13 Ant 1 | Right Cheek | 0.695 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.04 | 0.72 | 1.22 | 1.05 |
| | Right Tilted | 0.685 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.03 | 0.71 | 1.21 | 0.98 |
| | Left Cheek | 0.182 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.53 | 0.24 | 0.71 | 0.65 |
| | Left Tilted | 0.350 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.70 | 0.41 | 0.88 | 0.68 |
| LTE Band 14 Ant 0 | Right Cheek | 0.377 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.73 | 0.40 | 0.90 | 0.73 |
| | Right Tilted | 0.208 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.56 | 0.24 | 0.73 | 0.50 |
| | Left Cheek | 0.281 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.63 | 0.34 | 0.81 | 0.75 |
| | Left Tilted | 0.200 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.55 | 0.26 | 0.73 | 0.53 |
| LTE Band | Right Cheek | 0.741 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.09 | 0.76 | 1.27 | 1.10 |



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | |
|-------------------|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 14 Ant 1 | Right Tilted | 0.716 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.07 | 0.74 | 1.24 | 1.01 |
| | Left Cheek | 0.339 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.69 | 0.39 | 0.87 | 0.81 |
| | Left Tilted | 0.369 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.72 | 0.43 | 0.90 | 0.70 |
| LTE Band 25 Ant 0 | Right Cheek | 0.099 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.45 | 0.12 | 0.63 | 0.45 |
| | Right Tilted | 0.081 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.43 | 0.11 | 0.61 | 0.37 |
| | Left Cheek | 0.158 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.51 | 0.21 | 0.68 | 0.63 |
| | Left Tilted | 0.072 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.42 | 0.13 | 0.60 | 0.41 |
| LTE Band 25 Ant 1 | Right Cheek | 0.759 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.11 | 0.78 | 1.29 | 1.11 |
| | Right Tilted | 0.922 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.27 | 0.95 | 1.45 | 1.22 |
| | Left Cheek | 0.498 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.85 | 0.55 | 1.02 | 0.97 |
| | Left Tilted | 0.560 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.91 | 0.62 | 1.09 | 0.89 |
| LTE Band 26 Ant 0 | Right Cheek | 0.311 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.66 | 0.33 | 0.84 | 0.67 |
| | Right Tilted | 0.159 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.51 | 0.19 | 0.69 | 0.45 |
| | Left Cheek | 0.213 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.56 | 0.27 | 0.74 | 0.68 |
| | Left Tilted | 0.153 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.50 | 0.22 | 0.68 | 0.49 |
| LTE Band 26 Ant 1 | Right Cheek | 0.933 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.28 | 0.96 | 1.46 | 1.29 |
| | Right Tilted | 0.887 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.24 | 0.91 | 1.41 | 1.18 |
| | Left Cheek | 0.418 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.77 | 0.47 | 0.94 | 0.89 |
| | Left Tilted | 0.505 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.85 | 0.57 | 1.03 | 0.84 |
| LTE Band 30 Ant 0 | Right Cheek | 0.063 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.41 | 0.09 | 0.59 | 0.42 |
| | Right Tilted | 0.048 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.40 | 0.08 | 0.57 | 0.34 |
| | Left Cheek | 0.072 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.42 | 0.13 | 0.60 | 0.54 |
| | Left Tilted | 0.001 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.35 | 0.06 | 0.53 | 0.33 |
| LTE Band 30 Ant 1 | Right Cheek | 0.693 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.04 | 0.72 | 1.22 | 1.05 |
| | Right Tilted | 0.827 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.18 | 0.85 | 1.35 | 1.12 |
| | Left Cheek | 0.550 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.90 | 0.60 | 1.08 | 1.02 |
| | Left Tilted | 0.555 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.90 | 0.62 | 1.08 | 0.89 |
| LTE Band 41 Ant 0 | Right Cheek | 0.001 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.35 | 0.02 | 0.53 | 0.36 |
| | Right Tilted | 0.040 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.39 | 0.07 | 0.57 | 0.33 |
| | Left Cheek | 0.001 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.35 | 0.06 | 0.53 | 0.47 |
| | Left Tilted | 0.025 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.37 | 0.09 | 0.55 | 0.36 |
| LTE Band 41 Ant 1 | Right Cheek | 0.529 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.88 | 0.55 | 1.06 | 0.88 |
| | Right Tilted | 0.881 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.23 | 0.91 | 1.41 | 1.17 |
| | Left Cheek | 0.375 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.72 | 0.43 | 0.90 | 0.84 |
| | Left Tilted | 0.489 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.84 | 0.55 | 1.02 | 0.82 |
| LTE Band 41 Ant 2 | Right Cheek | 0.055 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.40 | 0.08 | 0.58 | 0.41 |
| | Right Tilted | 0.001 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.35 | 0.03 | 0.53 | 0.29 |
| | Left Cheek | 0.107 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.46 | 0.16 | 0.63 | 0.58 |
| | Left Tilted | 0.001 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.35 | 0.06 | 0.53 | 0.33 |
| LTE Band 41 Ant 6 | Right Cheek | 0.724 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.07 | 0.75 | 1.25 | 1.08 |
| | Right Tilted | 0.166 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.52 | 0.19 | 0.69 | 0.46 |
| | Left Cheek | 0.990 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 1.34 | 1.04 | 1.52 | 1.46 |
| | Left Tilted | 0.089 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.44 | 0.15 | 0.62 | 0.42 |
| LTE Band 48 Ant 2 | Right Cheek | 0.469 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.82 | 0.49 | 1.00 | 0.82 |
| | Right Tilted | 0.748 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.10 | 0.78 | 1.27 | 1.04 |
| | Left Cheek | 0.597 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.95 | 0.65 | 1.12 | 1.07 |
| | Left Tilted | 0.493 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.84 | 0.56 | 1.02 | 0.83 |
| LTE Band 48 Ant 4 | Right Cheek | 0.899 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.25 | 0.92 | 1.43 | 1.25 |
| | Right Tilted | 0.348 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.70 | 0.38 | 0.87 | 0.64 |
| | Left Cheek | 0.224 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.57 | 0.28 | 0.75 | 0.69 |
| | Left Tilted | 0.173 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.52 | 0.24 | 0.70 | 0.51 |
| LTE Band 48 Ant 7 | Right Cheek | 0.258 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.61 | 0.28 | 0.78 | 0.61 |
| | Right Tilted | 0.221 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.57 | 0.25 | 0.75 | 0.51 |
| | Left Cheek | 0.895 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 1.24 | 0.95 | 1.42 | 1.36 |
| | Left Tilted | 0.324 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.67 | 0.39 | 0.85 | 0.66 |
| LTE Band | Right Cheek | 0.290 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.64 | 0.31 | 0.82 | 0.65 |



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | |
|-------------------|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 48 Ant 5 | Right Tilted | 0.121 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.47 | 0.15 | 0.65 | 0.41 |
| | Left Cheek | 0.187 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.54 | 0.24 | 0.71 | 0.66 |
| | Left Tilted | 0.178 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.53 | 0.24 | 0.70 | 0.51 |
| LTE Band 66 Ant 0 | Right Cheek | 0.119 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.47 | 0.14 | 0.65 | 0.47 |
| | Right Tilted | 0.070 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.42 | 0.10 | 0.60 | 0.36 |
| | Left Cheek | 0.109 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.46 | 0.16 | 0.64 | 0.58 |
| LTE Band 66 Ant 1 | Left Tilted | 0.071 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.42 | 0.13 | 0.60 | 0.40 |
| | Right Cheek | 0.635 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.98 | 0.66 | 1.16 | 0.99 |
| | Right Tilted | 0.785 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.13 | 0.81 | 1.31 | 1.08 |
| LTE Band 71 Ant 0 | Left Cheek | 0.319 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.67 | 0.37 | 0.85 | 0.79 |
| | Left Tilted | 0.378 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.73 | 0.44 | 0.90 | 0.71 |
| | Right Cheek | 0.303 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.65 | 0.33 | 0.83 | 0.66 |
| LTE Band 71 Ant 1 | Right Tilted | 0.177 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.53 | 0.20 | 0.70 | 0.47 |
| | Left Cheek | 0.275 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.62 | 0.33 | 0.80 | 0.74 |
| | Left Tilted | 0.195 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.54 | 0.26 | 0.72 | 0.53 |
| LTE Band 71 Ant 1 | Right Cheek | 0.777 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.13 | 0.80 | 1.30 | 1.13 |
| | Right Tilted | 0.791 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.14 | 0.82 | 1.32 | 1.08 |
| | Left Cheek | 0.316 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.67 | 0.37 | 0.84 | 0.79 |
| | Left Tilted | 0.367 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.72 | 0.43 | 0.89 | 0.70 |

| FR1 Band | Exposure Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Summed | Summed | Summed | Summed |
|---------------|-------------------|---------------|--------------------|------------------|------------------|------------------|-----------------|----------------------------------|--------|--------|--------|--------|
| | | FR1 | WLAN2.4GHz Ant 3+8 | WLAN2.4GHz Ant 8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | Bluetooth Ant 3 | Bluetooth Ant 3 For Simultaneous | | | | |
| | | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | | | | |
| FR1 n7 Ant 0 | Right Cheek | 0.063 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.41 | 0.09 | 0.59 | 0.42 |
| | Right Tilted | 0.001 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.35 | 0.03 | 0.53 | 0.29 |
| | Left Cheek | 0.061 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.41 | 0.12 | 0.59 | 0.53 |
| | Left Tilted | 0.050 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.40 | 0.11 | 0.58 | 0.38 |
| FR1 n7 Ant 1 | Right Cheek | 0.640 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.99 | 0.66 | 1.17 | 1.00 |
| | Right Tilted | 0.836 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.19 | 0.86 | 1.36 | 1.13 |
| | Left Cheek | 0.460 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.81 | 0.51 | 0.99 | 0.93 |
| | Left Tilted | 0.566 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.92 | 0.63 | 1.09 | 0.90 |
| FR1 n12 Ant 0 | Right Cheek | 0.158 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.51 | 0.18 | 0.68 | 0.51 |
| | Right Tilted | 0.090 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.44 | 0.12 | 0.62 | 0.38 |
| | Left Cheek | 0.136 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.49 | 0.19 | 0.66 | 0.61 |
| | Left Tilted | 0.088 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.44 | 0.15 | 0.61 | 0.42 |
| FR1 n12 Ant 1 | Right Cheek | 0.760 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.11 | 0.78 | 1.29 | 1.12 |
| | Right Tilted | 0.818 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.17 | 0.85 | 1.34 | 1.11 |
| | Left Cheek | 0.338 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.69 | 0.39 | 0.86 | 0.81 |
| | Left Tilted | 0.415 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.76 | 0.48 | 0.94 | 0.75 |
| FR1 n14 Ant 0 | Right Cheek | 0.132 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.48 | 0.16 | 0.66 | 0.49 |
| | Right Tilted | 0.067 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.42 | 0.09 | 0.59 | 0.36 |
| | Left Cheek | 0.102 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.45 | 0.16 | 0.63 | 0.57 |
| | Left Tilted | 0.069 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.42 | 0.13 | 0.60 | 0.40 |
| FR1 n14 Ant 1 | Right Cheek | 0.859 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.21 | 0.88 | 1.39 | 1.21 |
| | Right Tilted | 0.875 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.22 | 0.90 | 1.40 | 1.17 |
| | Left Cheek | 0.415 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.76 | 0.47 | 0.94 | 0.88 |
| | Left Tilted | 0.468 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.82 | 0.53 | 0.99 | 0.80 |
| FR1 n25 Ant 0 | Right Cheek | 0.089 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.44 | 0.11 | 0.62 | 0.44 |
| | Right Tilted | 0.076 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.43 | 0.10 | 0.60 | 0.37 |
| | Left Cheek | 0.142 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.49 | 0.20 | 0.67 | 0.61 |
| | Left Tilted | 0.062 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.41 | 0.12 | 0.59 | 0.40 |
| FR1 n25 Ant 1 | Right Cheek | 0.891 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.24 | 0.91 | 1.42 | 1.25 |
| | Right Tilted | 0.932 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.28 | 0.96 | 1.46 | 1.23 |



FCC SAR Test Report

Report No. : FA322305

| | | | | | | | | | | | | |
|------------------|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| | Left Cheek | 0.569 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.92 | 0.62 | 1.10 | 1.04 |
| | Left Tilted | 0.663 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 1.01 | 0.73 | 1.19 | 1.00 |
| FR1 n30 Ant 0 | Right Cheek | 0.001 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.35 | 0.02 | 0.53 | 0.36 |
| | Right Tilted | 0.052 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.40 | 0.08 | 0.58 | 0.35 |
| | Left Cheek | 0.074 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.42 | 0.13 | 0.60 | 0.54 |
| | Left Tilted | 0.001 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.35 | 0.06 | 0.53 | 0.33 |
| FR1 n30 Ant 1 | Right Cheek | 0.850 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.20 | 0.87 | 1.38 | 1.21 |
| | Right Tilted | 0.877 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.23 | 0.90 | 1.40 | 1.17 |
| | Left Cheek | 0.634 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.98 | 0.69 | 1.16 | 1.10 |
| | Left Tilted | 0.622 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.97 | 0.68 | 1.15 | 0.96 |
| FR1 n41 Ant 0 | Right Cheek | 0.096 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.45 | 0.12 | 0.62 | 0.45 |
| | Right Tilted | 0.001 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.35 | 0.03 | 0.53 | 0.29 |
| | Left Cheek | 0.086 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.44 | 0.14 | 0.61 | 0.56 |
| | Left Tilted | 0.057 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.41 | 0.12 | 0.58 | 0.39 |
| FR1 n41 Ant 1 | Right Cheek | 0.789 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.14 | 0.81 | 1.32 | 1.14 |
| | Right Tilted | 0.921 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.27 | 0.95 | 1.45 | 1.21 |
| | Left Cheek | 0.538 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.89 | 0.59 | 1.06 | 1.01 |
| | Left Tilted | 0.645 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.99 | 0.71 | 1.17 | 0.98 |
| FR1 n41 Ant 2 | Right Cheek | 0.144 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.49 | 0.17 | 0.67 | 0.50 |
| | Right Tilted | 0.088 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.44 | 0.12 | 0.61 | 0.38 |
| | Left Cheek | 0.223 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.57 | 0.28 | 0.75 | 0.69 |
| | Left Tilted | 0.086 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.44 | 0.15 | 0.61 | 0.42 |
| FR1 n41 Ant 6 | Right Cheek | 0.689 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.04 | 0.71 | 1.22 | 1.04 |
| | Right Tilted | 0.258 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.61 | 0.29 | 0.78 | 0.55 |
| | Left Cheek | 0.915 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 1.26 | 0.97 | 1.44 | 1.38 |
| | Left Tilted | 0.117 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.47 | 0.18 | 0.64 | 0.45 |
| FR1 n26 Ant 0 | Right Cheek | 0.233 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.58 | 0.26 | 0.76 | 0.59 |
| | Right Tilted | 0.117 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.47 | 0.14 | 0.64 | 0.41 |
| | Left Cheek | 0.161 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.51 | 0.22 | 0.69 | 0.63 |
| | Left Tilted | 0.115 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.46 | 0.18 | 0.64 | 0.45 |
| FR1 n26 Ant 1 | Right Cheek | 0.921 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.27 | 0.94 | 1.45 | 1.28 |
| | Right Tilted | 0.994 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.34 | 1.02 | 1.52 | 1.29 |
| | Left Cheek | 0.431 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.78 | 0.49 | 0.96 | 0.90 |
| | Left Tilted | 0.514 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.86 | 0.58 | 1.04 | 0.85 |

| FR1 Band | Exposure Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1+2 | 1+3+7 | 1+4+6 | 1+5+6 |
|------------------|-------------------|-------------------------|---|---|---|---|--|---|------|-------|-------|-------|
| | | FR1 1g SAR (W/kg) | WLAN2.4GHz Ant 3+8 1g SAR (W/kg) | WLAN2.4GHz Ant 8 1g SAR (W/kg) | WLAN5GHz Ant 3+8 1g SAR (W/kg) | WLAN6GHz Ant 3+8 1g SAR (W/kg) | Bluetooth Ant 3 1g SAR (W/kg) | Bluetooth Ant 3 For Simultaneous 1g SAR (W/kg) | | | | |
| FR1 n48 Ant 4 | Right Cheek | 0.755 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.10 | 0.78 | 1.28 | 1.11 |
| | Right Tilted | 0.319 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.67 | 0.35 | 0.85 | 0.61 |
| | Left Cheek | 0.204 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.55 | 0.26 | 0.73 | 0.67 |
| | Left Tilted | 0.132 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.48 | 0.19 | 0.66 | 0.47 |
| FR1 n48 Ant 2 | Right Cheek | 0.369 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.72 | 0.39 | 0.90 | 0.72 |
| | Right Tilted | 0.420 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.77 | 0.45 | 0.95 | 0.71 |
| | Left Cheek | 0.611 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.96 | 0.67 | 1.14 | 1.08 |
| | Left Tilted | 0.264 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.61 | 0.33 | 0.79 | 0.60 |
| FR1 n48 Ant 7 | Right Cheek | 0.414 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.76 | 0.44 | 0.94 | 0.77 |
| | Right Tilted | 0.324 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.67 | 0.35 | 0.85 | 0.62 |
| | Left Cheek | 0.958 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 1.31 | 1.01 | 1.48 | 1.43 |
| | Left Tilted | 0.531 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.88 | 0.59 | 1.06 | 0.86 |
| FR1 n48 Ant 5 | Right Cheek | 0.349 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.70 | 0.37 | 0.88 | 0.70 |
| | Right Tilted | 0.001 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.35 | 0.03 | 0.53 | 0.29 |
| | Left Cheek | 0.035 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.38 | 0.09 | 0.56 | 0.50 |
| | Left Tilted | 0.001 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.35 | 0.06 | 0.53 | 0.33 |



| | | | | | | | | | | | | |
|------------------|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| FR1 n66 Ant 0 | Right Cheek | 0.063 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.41 | 0.09 | 0.59 | 0.42 |
| | Right Tilted | 0.001 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.35 | 0.03 | 0.53 | 0.29 |
| | Left Cheek | 0.106 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.46 | 0.16 | 0.63 | 0.58 |
| | Left Tilted | 0.050 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.40 | 0.11 | 0.58 | 0.38 |
| FR1 n66 Ant 1 | Right Cheek | 0.762 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.11 | 0.79 | 1.29 | 1.12 |
| | Right Tilted | 0.882 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.23 | 0.91 | 1.41 | 1.18 |
| | Left Cheek | 0.394 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.74 | 0.45 | 0.92 | 0.86 |
| | Left Tilted | 0.484 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.83 | 0.55 | 1.01 | 0.82 |
| FR1 n70 Ant 0 | Right Cheek | 0.079 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.43 | 0.10 | 0.61 | 0.43 |
| | Right Tilted | 0.061 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.41 | 0.09 | 0.59 | 0.35 |
| | Left Cheek | 0.117 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.47 | 0.17 | 0.64 | 0.59 |
| | Left Tilted | 0.001 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.35 | 0.06 | 0.53 | 0.33 |
| FR1 n70 Ant 1 | Right Cheek | 0.754 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.10 | 0.78 | 1.28 | 1.11 |
| | Right Tilted | 0.796 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.15 | 0.82 | 1.32 | 1.09 |
| | Left Cheek | 0.307 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.66 | 0.36 | 0.83 | 0.78 |
| | Left Tilted | 0.358 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.71 | 0.42 | 0.88 | 0.69 |
| FR1 n71 Ant 0 | Right Cheek | 0.181 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.53 | 0.20 | 0.71 | 0.54 |
| | Right Tilted | 0.107 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.46 | 0.13 | 0.63 | 0.40 |
| | Left Cheek | 0.162 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.51 | 0.22 | 0.69 | 0.63 |
| | Left Tilted | 0.106 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.46 | 0.17 | 0.63 | 0.44 |
| FR1 n71 Ant 1 | Right Cheek | 0.788 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.14 | 0.81 | 1.31 | 1.14 |
| | Right Tilted | 0.900 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 1.25 | 0.93 | 1.43 | 1.19 |
| | Left Cheek | 0.330 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.68 | 0.38 | 0.86 | 0.80 |
| | Left Tilted | 0.436 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.79 | 0.50 | 0.96 | 0.77 |
| FR1 n77 Ant 4 | Right Cheek | 0.873 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 1.22 | 0.90 | 1.40 | 1.23 |
| | Right Tilted | 0.385 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.73 | 0.41 | 0.91 | 0.68 |
| | Left Cheek | 0.237 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.59 | 0.29 | 0.76 | 0.71 |
| | Left Tilted | 0.139 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.49 | 0.20 | 0.67 | 0.47 |
| FR1 n77 Ant 2 | Right Cheek | 0.520 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.87 | 0.54 | 1.05 | 0.88 |
| | Right Tilted | 0.494 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.84 | 0.52 | 1.02 | 0.79 |
| | Left Cheek | 0.630 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.98 | 0.68 | 1.16 | 1.10 |
| | Left Tilted | 0.353 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.70 | 0.42 | 0.88 | 0.69 |
| FR1 n77 Ant 7 | Right Cheek | 0.371 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.72 | 0.39 | 0.90 | 0.73 |
| | Right Tilted | 0.356 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.71 | 0.38 | 0.88 | 0.65 |
| | Left Cheek | 0.951 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 1.30 | 1.01 | 1.48 | 1.42 |
| | Left Tilted | 0.432 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.78 | 0.49 | 0.96 | 0.77 |
| FR1 n77 Ant 5 | Right Cheek | 0.422 | 0.349 | 0.022 | 0.390 | 0.219 | 0.136 | 0.001 | 0.77 | 0.45 | 0.95 | 0.78 |
| | Right Tilted | 0.436 | 0.349 | 0.026 | 0.390 | 0.157 | 0.136 | 0.001 | 0.79 | 0.46 | 0.96 | 0.73 |
| | Left Cheek | 0.247 | 0.349 | 0.053 | 0.390 | 0.333 | 0.136 | 0.001 | 0.60 | 0.30 | 0.77 | 0.72 |
| | Left Tilted | 0.305 | 0.349 | 0.061 | 0.390 | 0.197 | 0.136 | 0.001 | 0.65 | 0.37 | 0.83 | 0.64 |



17.3 Hotspot Exposure Conditions

| WWAN Band | Exposure Position | 1 | 2 | 3 | 4 | 6 | 7 | 1+2 | 1+4+6 | 1+3+7 | Case No |
|----------------|-------------------|---------------|--------------------------|------------------------|--------------------------|------------------------|---------------------------------------|---------------|---------------|---------------|---------|
| | | WWAN | WLAN2.4GHz | WLAN2.4GHz | WLAN5GHz | Bluetooth | Bluetooth | Summed | Summed | Summed | |
| | | 1g SAR (W/kg) | Ant 3+8 1g SAR (W/kg) | Ant 8 1g SAR (W/kg) | Ant 3+8 1g SAR (W/kg) | Ant 3 1g SAR (W/kg) | (Simultaneous) Ant 3 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | |
| Ant 1 | Front | 0.415 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.75 | 0.77 | 0.42 | |
| | Back | 0.475 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.99 | 1.05 | 0.50 | |
| | Left side | 0.279 | | | | | | 0.28 | 0.28 | 0.28 | |
| | Right side | 0.234 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.87 | 0.96 | 0.35 | |
| | Top side | 0.639 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 1.13 | 1.12 | 0.64 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| Ant 4 | Front | 0.266 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.60 | 0.62 | 0.27 | |
| | Back | 0.431 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.94 | 1.00 | 0.45 | |
| | Left side | 0.633 | | | | | | 0.63 | 0.63 | 0.63 | |
| | Right side | 0.013 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.65 | 0.74 | 0.13 | |
| | Top side | 0.066 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.55 | 0.54 | 0.07 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| Ant 6 | Front | 0.288 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.63 | 0.64 | 0.29 | |
| | Back | 0.367 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.88 | 0.94 | 0.39 | |
| | Left side | 0.564 | | | | | | 0.56 | 0.56 | 0.56 | |
| | Right side | | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.64 | 0.73 | 0.12 | |
| | Top side | 0.049 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.54 | 0.53 | 0.05 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| Ant 7 | Front | 0.274 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.61 | 0.63 | 0.28 | |
| | Back | 0.528 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.04 | 1.10 | 0.55 | |
| | Left side | 0.086 | | | | | | 0.09 | 0.09 | 0.09 | |
| | Right side | 0.586 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.22 | 1.32 | 0.71 | |
| | Top side | 0.528 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 1.02 | 1.01 | 0.53 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| GSM850 Ant 0 | Front | 0.625 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.96 | 0.98 | 0.63 | |
| | Back | 1.266 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.78 | 1.84 | 1.29 | 48/49 |
| | Left side | 0.065 | | | | | | 0.07 | 0.07 | 0.07 | |
| | Right side | 0.195 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.83 | 0.92 | 0.31 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.527 | | | | | | 0.53 | 0.53 | 0.53 | |
| GSM1900 Ant 0 | Front | 0.490 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.83 | 0.84 | 0.49 | |
| | Back | 0.510 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.02 | 1.08 | 0.53 | |
| | Left side | 0.040 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 0.018 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.66 | 0.75 | 0.14 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.184 | | | | | | 1.18 | 1.18 | 1.18 | |
| WCDMA II Ant 0 | Front | 0.391 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.73 | 0.74 | 0.39 | |
| | Back | 0.438 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.95 | 1.01 | 0.46 | |
| | Left side | 0.036 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 0.010 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.65 | 0.74 | 0.13 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.059 | | | | | | 1.06 | 1.06 | 1.06 | |
| WCDMA IV Ant 0 | Front | 0.478 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.82 | 0.83 | 0.48 | |
| | Back | 0.544 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.06 | 1.11 | 0.57 | |
| | Left side | 0.030 | | | | | | 0.03 | 0.03 | 0.03 | |
| | Right side | 0.015 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.65 | 0.74 | 0.13 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.067 | | | | | | 1.07 | 1.07 | 1.07 | |
| WCDMA V Ant 0 | Front | 0.509 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.85 | 0.86 | 0.51 | |
| | Back | 1.206 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.72 | 1.78 | 1.23 | 50/51 |



| | | | | | | | | | | | |
|-------------------|-------------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| | Left side | 0.070 | | | | | | 0.07 | 0.07 | 0.07 | |
| | Right side | 0.181 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.82 | 0.91 | 0.30 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.442 | | | | | | 0.44 | 0.44 | 0.44 | |
| LTE Band 12 Ant 0 | Front | 0.682 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.02 | 1.04 | 0.68 | |
| | Back | 1.115 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.63 | 1.69 | 1.14 | 52/53 |
| | Left side | 0.302 | | | | | | 0.30 | 0.30 | 0.30 | |
| | Right side | 0.514 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.15 | 1.24 | 0.63 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.490 | | | | | | 0.49 | 0.49 | 0.49 | |
| LTE Band 13 Ant 0 | Front | 0.780 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.12 | 1.13 | 0.78 | |
| | Back | 1.344 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.86 | 1.91 | 1.37 | 54/55 |
| | Left side | 0.231 | | | | | | 0.23 | 0.23 | 0.23 | |
| | Right side | 0.418 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.06 | 1.15 | 0.54 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.516 | | | | | | 0.52 | 0.52 | 0.52 | |
| LTE Band 14 Ant 0 | Front | 1.042 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.38 | 1.40 | 1.04 | |
| | Back | 1.362 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.87 | 1.93 | 1.39 | 56/57 |
| | Left side | 0.329 | | | | | | 0.33 | 0.33 | 0.33 | |
| | Right side | 0.626 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.26 | 1.36 | 0.75 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.891 | | | | | | 0.89 | 0.89 | 0.89 | |
| LTE Band 71 Ant 0 | Front | 0.549 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.89 | 0.90 | 0.55 | |
| | Back | 0.809 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.32 | 1.38 | 0.83 | |
| | Left side | 0.362 | | | | | | 0.36 | 0.36 | 0.36 | |
| | Right side | 0.484 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.12 | 1.21 | 0.60 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.575 | | | | | | 0.58 | 0.58 | 0.58 | |
| LTE Band 26 Ant 0 | Front | 0.844 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.18 | 1.20 | 0.85 | |
| | Back | 1.050 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.56 | 1.62 | 1.07 | 58 |
| | Left side | 0.158 | | | | | | 0.16 | 0.16 | 0.16 | |
| | Right side | 0.413 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.05 | 1.14 | 0.53 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.888 | | | | | | 0.89 | 0.89 | 0.89 | |
| LTE Band 66 Ant 0 | Front | 0.660 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.00 | 1.01 | 0.66 | |
| | Back | 0.763 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.28 | 1.33 | 0.79 | |
| | Left side | 0.035 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 0.044 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.68 | 0.77 | 0.16 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.278 | | | | | | 1.28 | 1.28 | 1.28 | |
| LTE Band 25 Ant 0 | Front | 0.657 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.00 | 1.01 | 0.66 | |
| | Back | 0.773 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.29 | 1.34 | 0.80 | |
| | Left side | 0.039 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 0.022 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.66 | 0.75 | 0.14 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.289 | | | | | | 1.29 | 1.29 | 1.29 | |
| LTE Band 30 Ant 0 | Front | 0.591 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.93 | 0.94 | 0.59 | |
| | Back | 0.711 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.22 | 1.28 | 0.73 | |
| | Left side | 0.011 | | | | | | 0.01 | 0.01 | 0.01 | |
| | Right side | 0.051 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.69 | 0.78 | 0.17 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.242 | | | | | | 1.24 | 1.24 | 1.24 | |
| LTE Band 7 Ant 0 | Front | 0.649 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.99 | 1.00 | 0.65 | |
| | Back | 0.918 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.43 | 1.49 | 0.94 | |
| | Left side | 0.031 | | | | | | 0.03 | 0.03 | 0.03 | |
| | Right side | 0.067 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.71 | 0.80 | 0.19 | |



| | | | | | | | | | | | |
|-------------------|-------------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.093 | | | | | | 1.09 | 1.09 | 1.09 | |
| LTE Band 41 Ant 0 | Front | 0.419 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.76 | 0.77 | 0.42 | |
| | Back | 0.599 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.11 | 1.17 | 0.62 | |
| | Left side | 0.152 | | | | | | 0.15 | 0.15 | 0.15 | |
| | Right side | 0.181 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.82 | 0.91 | 0.30 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.122 | | | | | | 1.12 | 1.12 | 1.12 | |
| LTE Band 48 Ant 5 | Front | 0.351 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.69 | 0.70 | 0.35 | |
| | Back | 0.578 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.09 | 1.15 | 0.60 | |
| | Left side | 0.039 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 1.211 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.85 | 1.94 | 1.33 | 59/60 |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.210 | | | | | | 0.21 | 0.21 | 0.21 | |
| LTE Band 41 Ant 2 | Front | 0.320 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.66 | 0.67 | 0.32 | |
| | Back | 0.522 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.03 | 1.09 | 0.55 | |
| | Left side | 1.121 | | | | | | 1.12 | 1.12 | 1.12 | |
| | Right side | 0.039 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.68 | 0.77 | 0.16 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.189 | | | | | | 0.19 | 0.19 | 0.19 | |
| LTE Band 48 Ant 2 | Front | 0.488 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.83 | 0.84 | 0.49 | |
| | Back | 0.414 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.93 | 0.98 | 0.44 | |
| | Left side | 1.098 | | | | | | 1.10 | 1.10 | 1.10 | |
| | Right side | 0.013 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.65 | 0.74 | 0.13 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.137 | | | | | | 0.14 | 0.14 | 0.14 | |

| FR1 Band | Exposure Position | 1 | 2 | 3 | 4 | 6 | 7 | 1+2 | 1+4+6 | 1+3+7 | SPLSR |
|---------------|-------------------|-------------------------|---|---|---|--|--|----------------------------|----------------------------|----------------------------|-------|
| | | FR1 1g SAR (W/kg) | WLAN2.4GHz Ant 3+8 1g SAR (W/kg) | WLAN2.4GHz Ant 8 1g SAR (W/kg) | WLAN5GHz Ant 3+8 1g SAR (W/kg) | Bluetooth Ant 3 1g SAR (W/kg) | Bluetooth(Simultaneous) Ant 3 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | |
| Ant 1 | Front | 0.409 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.75 | 0.76 | 0.41 | |
| | Back | 0.645 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.16 | 1.22 | 0.67 | |
| | Left side | 0.273 | | | | | | 0.27 | 0.27 | 0.27 | |
| | Right side | 0.094 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.73 | 0.82 | 0.21 | |
| | Top side | 0.680 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 1.17 | 1.16 | 0.68 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| Ant 4 | Front | 0.210 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.55 | 0.56 | 0.21 | |
| | Back | 0.305 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.82 | 0.88 | 0.33 | |
| | Left side | 0.593 | | | | | | 0.59 | 0.59 | 0.59 | |
| | Right side | 0.012 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.65 | 0.74 | 0.13 | |
| | Top side | 0.058 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.55 | 0.54 | 0.06 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| Ant 6 | Front | 0.307 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.65 | 0.66 | 0.31 | |
| | Back | 0.363 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.88 | 0.93 | 0.39 | |
| | Left side | 0.678 | | | | | | 0.68 | 0.68 | 0.68 | |
| | Right side | | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.64 | 0.73 | 0.12 | |
| | Top side | 0.052 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.54 | 0.53 | 0.05 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| Ant 7 | Front | 0.316 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.65 | 0.67 | 0.32 | |
| | Back | 0.713 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.23 | 1.28 | 0.74 | |
| | Left side | 0.159 | | | | | | 0.16 | 0.16 | 0.16 | |
| | Right side | 0.639 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.28 | 1.37 | 0.76 | |
| | Top side | 0.638 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 1.13 | 1.12 | 0.64 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| FR1 n12 Ant 0 | Front | 0.492 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.83 | 0.85 | 0.49 | |



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|---------------|-------------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| | Back | 0.715 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.23 | 1.29 | 0.74 | |
| | Left side | 0.217 | | | | | | 0.22 | 0.22 | 0.22 | |
| | Right side | 0.343 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.98 | 1.07 | 0.46 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.349 | | | | | | 0.35 | 0.35 | 0.35 | |
| FR1 n14 Ant 0 | Front | 0.524 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.86 | 0.88 | 0.53 | |
| | Back | 0.770 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.28 | 1.34 | 0.79 | |
| | Left side | 0.146 | | | | | | 0.15 | 0.15 | 0.15 | |
| | Right side | 0.281 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.92 | 1.01 | 0.40 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 0.440 | | | | | | 0.44 | 0.44 | 0.44 | | |
| FR1 n71 Ant 0 | Front | 0.396 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.73 | 0.75 | 0.40 | |
| | Back | 0.560 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.07 | 1.13 | 0.58 | |
| | Left side | 0.257 | | | | | | 0.26 | 0.26 | 0.26 | |
| | Right side | 0.326 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.96 | 1.06 | 0.45 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 0.365 | | | | | | 0.37 | 0.37 | 0.37 | | |
| FR1 n26 Ant 0 | Front | 0.656 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.99 | 1.01 | 0.66 | |
| | Back | 0.945 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.46 | 1.52 | 0.97 | |
| | Left side | 0.093 | | | | | | 0.09 | 0.09 | 0.09 | |
| | Right side | 0.256 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.89 | 0.99 | 0.38 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 0.530 | | | | | | 0.53 | 0.53 | 0.53 | | |
| FR1 n66 Ant 0 | Front | 0.622 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.96 | 0.98 | 0.62 | |
| | Back | 0.756 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.27 | 1.33 | 0.78 | |
| | Left side | 0.046 | | | | | | 0.05 | 0.05 | 0.05 | |
| | Right side | 0.035 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.67 | 0.76 | 0.15 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 1.201 | | | | | | 1.20 | 1.20 | 1.20 | | |
| FR1 n70 Ant 0 | Front | 0.575 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.91 | 0.93 | 0.58 | |
| | Back | 0.738 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.25 | 1.31 | 0.76 | |
| | Left side | 0.037 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 0.032 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.67 | 0.76 | 0.15 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 1.090 | | | | | | 1.09 | 1.09 | 1.09 | | |
| FR1 n25 Ant 0 | Front | 0.616 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.95 | 0.97 | 0.62 | |
| | Back | 0.777 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.29 | 1.35 | 0.80 | |
| | Left side | 0.043 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 0.025 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.66 | 0.75 | 0.14 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 1.151 | | | | | | 1.15 | 1.15 | 1.15 | | |
| FR1 n30 Ant 0 | Front | 0.503 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.84 | 0.86 | 0.51 | |
| | Back | 0.663 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.18 | 1.23 | 0.69 | |
| | Left side | 0.017 | | | | | | 0.02 | 0.02 | 0.02 | |
| | Right side | 0.047 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.69 | 0.78 | 0.17 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 1.040 | | | | | | 1.04 | 1.04 | 1.04 | | |
| FR1 n7 Ant 0 | Front | 0.938 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.28 | 1.29 | 0.94 | |
| | Back | 1.270 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.78 | 1.84 | 1.29 | 63/64 |
| | Left side | 0.019 | | | | | | 0.02 | 0.02 | 0.02 | |
| | Right side | 0.096 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.73 | 0.83 | 0.22 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| Bottom side | 1.440 | | | | | | 1.44 | 1.44 | 1.44 | | |
| FR1 n41 Ant 0 | Front | 0.931 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.27 | 1.28 | 0.93 | |
| | Back | 1.011 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.52 | 1.58 | 1.03 | |
| | Left side | 0.019 | | | | | | 0.02 | 0.02 | 0.02 | |



| | | | | | | | | | | | |
|------------------------|-------------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| | Right side | 0.079 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.72 | 0.81 | 0.20 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 1.245 | | | | | | 1.25 | 1.25 | 1.25 | |
| FR1 n41 Ant 2 | Front | 0.797 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 1.14 | 1.15 | 0.80 | |
| | Back | 1.409 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.92 | 1.98 | 1.43 | 65/66 |
| | Left side | 1.430 | | | | | | 1.43 | 1.43 | 1.43 | |
| | Right side | 0.013 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.65 | 0.74 | 0.13 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.344 | | | | | | 0.34 | 0.34 | 0.34 | |
| FR1 n48 Ant 2 | Front | 0.555 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.89 | 0.91 | 0.56 | |
| | Back | 0.470 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.98 | 1.04 | 0.49 | |
| | Left side | 1.138 | | | | | | 1.14 | 1.14 | 1.14 | |
| | Right side | 0.019 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.66 | 0.75 | 0.14 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.186 | | | | | | 0.19 | 0.19 | 0.19 | |
| FR1 n77 Part 27O Ant 2 | Front | 0.207 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.55 | 0.56 | 0.21 | |
| | Back | 0.305 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.82 | 0.88 | 0.33 | |
| | Left side | 0.638 | | | | | | 0.64 | 0.64 | 0.64 | |
| | Right side | 0.018 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.66 | 0.75 | 0.14 | |
| | Top side | 0.292 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.78 | 0.77 | 0.29 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| FR1 n77 Part 27Q Ant 2 | Front | 0.472 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.81 | 0.83 | 0.47 | |
| | Back | 0.535 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.05 | 1.11 | 0.56 | |
| | Left side | 1.088 | | | | | | 1.09 | 1.09 | 1.09 | |
| | Right side | 0.034 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 0.67 | 0.76 | 0.15 | |
| | Top side | 0.427 | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.92 | 0.91 | 0.43 | |
| | Bottom side | | | | | | | 0.00 | 0.00 | 0.00 | |
| FR1 n48 Ant 5 | Front | 0.402 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.74 | 0.76 | 0.40 | |
| | Back | 0.661 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.17 | 1.23 | 0.68 | |
| | Left side | 0.044 | | | | | | 0.04 | 0.04 | 0.04 | |
| | Right side | 1.230 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.87 | 1.96 | 1.35 | 67/68 |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.275 | | | | | | 0.28 | 0.28 | 0.28 | |
| FR1 n77 Part 27O Ant 5 | Front | 0.260 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.60 | 0.61 | 0.26 | |
| | Back | 0.367 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 0.88 | 0.94 | 0.39 | |
| | Left side | 0.018 | | | | | | 0.02 | 0.02 | 0.02 | |
| | Right side | 0.610 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.25 | 1.34 | 0.73 | |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.098 | | | | | | 0.10 | 0.10 | 0.10 | |
| FR1 n77 Part 27Q Ant 5 | Front | 0.336 | 0.338 | 0.001 | 0.289 | 0.064 | 0.001 | 0.67 | 0.69 | 0.34 | |
| | Back | 0.570 | 0.512 | 0.022 | 0.474 | 0.096 | 0.001 | 1.08 | 1.14 | 0.59 | |
| | Left side | 0.224 | | | | | | 0.22 | 0.22 | 0.22 | |
| | Right side | 1.136 | 0.638 | 0.118 | 0.698 | 0.031 | 0.001 | 1.77 | 1.87 | 1.26 | 69/70 |
| | Top side | | 0.488 | 0.001 | 0.336 | 0.142 | 0.001 | 0.49 | 0.48 | 0.00 | |
| | Bottom side | 0.177 | | | | | | 0.18 | 0.18 | 0.18 | |



17.4 Body-Worn Accessory Exposure Conditions

| WWAN Band | Exposure Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1+2 | 1+4+6 | 1+5+6 | 1+3+7 | Case No |
|------------------------|-------------------|---------------|--------------------|------------------|------------------|------------------|-----------------|------------------------------|---------------|---------------|---------------|---------------|----------|
| | | WWAN | WLAN2.4GHz Ant 3+8 | WLAN2.4GHz Ant 8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | Bluetooth Ant 3 | Bluetooth Ant 3 Simultaneous | Summed | Summed | Summed | Summed | |
| | | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | |
| Ant 1 | Front | 0.830 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.15 | 1.30 | 1.32 | 0.83 | |
| | Back | 0.980 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.30 | 1.45 | 1.47 | 1.00 | |
| Ant 2 | Front | 0.968 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.28 | 1.44 | 1.46 | 0.97 | |
| | Back | 0.930 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.25 | 1.40 | 1.42 | 0.95 | |
| Ant 4 | Front | 0.487 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.80 | 0.96 | 0.98 | 0.49 | |
| | Back | 0.820 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.14 | 1.29 | 1.31 | 0.84 | |
| Ant 6 | Front | 0.711 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.03 | 1.18 | 1.21 | 0.71 | |
| | Back | 0.899 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.21 | 1.37 | 1.39 | 0.92 | |
| Ant 7 | Front | 0.466 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.78 | 0.94 | 0.96 | 0.47 | |
| | Back | 1.051 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.37 | 1.52 | 1.55 | 1.07 | |
| GSM850 Ant 0 | Front | 0.625 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.94 | 1.10 | 1.12 | 0.63 | |
| | Back | 1.266 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.58 | 1.74 | 1.76 | 1.29 | 1/2 |
| WCDMA II Ant 0 | Front | 0.711 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.03 | 1.18 | 1.21 | 0.71 | |
| | Back | 1.038 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.35 | 1.51 | 1.53 | 1.06 | |
| WCDMA IV Ant 0 | Front | 0.882 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.20 | 1.36 | 1.38 | 0.88 | |
| | Back | 1.176 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.49 | 1.65 | 1.67 | 1.20 | 4/5 |
| WCDMA V Ant 0 | Front | 0.786 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.10 | 1.26 | 1.28 | 0.79 | |
| | Back | 1.206 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.52 | 1.68 | 1.70 | 1.23 | 6/7 |
| LTE Band 12 Ant 0 | Front | 0.682 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.00 | 1.16 | 1.18 | 0.68 | |
| | Back | 1.115 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.43 | 1.59 | 1.61 | 1.14 | 9 |
| LTE Band 13 Ant 0 | Front | 0.933 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.25 | 1.41 | 1.43 | 0.94 | |
| | Back | 1.344 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.66 | 1.82 | 1.84 | 1.37 | 10/11/12 |
| LTE Band 14 Ant 0 | Front | 0.918 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.23 | 1.39 | 1.41 | 0.92 | |
| | Back | 1.362 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.68 | 1.84 | 1.86 | 1.39 | 13/14/15 |
| LTE Band 71 Ant 0 | Front | 0.549 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.86 | 1.02 | 1.04 | 0.55 | |
| | Back | 0.809 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.12 | 1.28 | 1.30 | 0.83 | |
| LTE Band 26 Ant 0 | Front | 0.711 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.03 | 1.18 | 1.21 | 0.71 | |
| | Back | 1.050 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.37 | 1.52 | 1.54 | 1.07 | |
| LTE Band 66 Ant 0 | Front | 1.010 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.33 | 1.48 | 1.50 | 1.01 | |
| | Back | 1.165 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.48 | 1.64 | 1.66 | 1.19 | 18/19 |
| LTE Band 25 Ant 0 | Front | 1.021 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.34 | 1.49 | 1.52 | 1.02 | |
| | Back | 1.200 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.52 | 1.67 | 1.69 | 1.22 | 20/21 |
| LTE Band 30 Ant 0 | Front | 0.995 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.31 | 1.47 | 1.49 | 1.00 | |
| | Back | 1.196 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.51 | 1.67 | 1.69 | 1.22 | 22/23 |
| LTE Band 7 Ant 0 | Front | 1.006 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.32 | 1.48 | 1.50 | 1.01 | |
| | Back | 1.360 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.68 | 1.83 | 1.85 | 1.38 | 24/25/26 |
| LTE Band 41 Ant 0 | Front | 0.565 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.88 | 1.04 | 1.06 | 0.57 | |
| | Back | 1.016 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.33 | 1.49 | 1.51 | 1.04 | |
| LTE Band 41 HPUE Ant 0 | Front | 1.091 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.41 | 1.56 | 1.59 | 1.09 | |
| | Back | 1.091 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.41 | 1.56 | 1.59 | 1.11 | |
| GSM1900 Ant 0 | Front | 0.994 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.31 | 1.47 | 1.49 | 1.00 | |
| | Back | 1.122 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.44 | 1.60 | 1.62 | 1.15 | 76/30 |
| LTE Band 48 Ant 5 | Front | 0.774 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.09 | 1.25 | 1.27 | 0.78 | |
| | Back | 1.276 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.59 | 1.75 | 1.77 | 1.30 | 31/32 |



| WWAN Band | Exposure Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1+2 | 1+4+6 | 1+5+6 | 1+3+7 | Case No |
|------------------------|-------------------|---------------|--------------------|------------------|------------------|------------------|-----------------|------------------------------|---------------|---------------|---------------|---------------|----------|
| | | FR1 | WLAN2.4GHz Ant 3+8 | WLAN2.4GHz Ant 8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | Bluetooth Ant 3 | Bluetooth Ant 3 Simultaneous | Summed | Summed | Summed | Summed | |
| | | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | |
| Ant 1 | Front | 0.606 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.92 | 1.08 | 1.10 | 0.61 | |
| | Back | 1.018 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.33 | 1.49 | 1.51 | 1.04 | |
| Ant 4 | Front | 0.569 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.88 | 1.04 | 1.06 | 0.57 | |
| | Back | 0.840 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.16 | 1.31 | 1.33 | 0.86 | |
| Ant 5 | Front | 0.661 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.98 | 1.13 | 1.16 | 0.66 | |
| | Back | 1.085 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.40 | 1.56 | 1.58 | 1.11 | |
| Ant 6 | Front | 0.835 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.15 | 1.31 | 1.33 | 0.84 | |
| | Back | 0.974 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.29 | 1.45 | 1.47 | 1.00 | |
| Ant 7 | Front | 0.435 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.75 | 0.91 | 0.93 | 0.44 | |
| | Back | 0.938 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.25 | 1.41 | 1.43 | 0.96 | |
| FR1 n12 Ant 0 | Front | 0.492 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.81 | 0.97 | 0.99 | 0.49 | |
| | Back | 0.715 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.03 | 1.19 | 1.21 | 0.74 | |
| FR1 n14 Ant 0 | Front | 0.524 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.84 | 1.00 | 1.02 | 0.53 | |
| | Back | 0.770 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.09 | 1.24 | 1.26 | 0.79 | |
| FR1 n71 Ant 0 | Front | 0.396 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.71 | 0.87 | 0.89 | 0.40 | |
| | Back | 0.560 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 0.88 | 1.03 | 1.05 | 0.58 | |
| FR1 n66 Ant 0 | Front | 0.849 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.16 | 1.32 | 1.34 | 0.85 | |
| | Back | 1.142 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.46 | 1.62 | 1.64 | 1.17 | 33/34 |
| FR1 n70 Ant 0 | Front | 0.849 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.16 | 1.32 | 1.34 | 0.85 | |
| | Back | 1.098 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.41 | 1.57 | 1.59 | 1.12 | |
| FR1 n25 Ant 0 | Front | 0.899 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.21 | 1.37 | 1.39 | 0.90 | |
| | Back | 1.157 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.47 | 1.63 | 1.65 | 1.18 | 35/36 |
| FR1 n30 Ant 0 | Front | 0.878 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.19 | 1.35 | 1.37 | 0.88 | |
| | Back | 1.168 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.48 | 1.64 | 1.66 | 1.19 | 37/38 |
| FR1 n7 Ant 0 | Front | 0.964 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.28 | 1.44 | 1.46 | 0.97 | |
| | Back | 1.307 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.62 | 1.78 | 1.80 | 1.33 | 39/40/41 |
| FR1 n41 Ant 0 | Front | 1.038 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.35 | 1.51 | 1.53 | 1.04 | |
| | Back | 1.224 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.54 | 1.70 | 1.72 | 1.25 | 42/43 |
| FR1 n41 Ant 2 | Front | 0.704 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.02 | 1.18 | 1.20 | 0.71 | |
| | Back | 1.261 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.58 | 1.73 | 1.76 | 1.28 | 44/45 |
| FR1 n48 Ant 2 | Front | 1.097 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.41 | 1.57 | 1.59 | 1.10 | |
| | Back | 0.959 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.27 | 1.43 | 1.45 | 0.98 | |
| FR1 n77 Part 270 Ant 2 | Front | 0.696 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.01 | 1.17 | 1.19 | 0.70 | |
| | Back | 1.075 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.39 | 1.55 | 1.57 | 1.10 | |
| FR1 n77 Part 27Q Ant 2 | Front | 1.068 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 1.38 | 1.54 | 1.56 | 1.07 | |
| | Back | 1.222 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.54 | 1.70 | 1.72 | 1.25 | 46/47 |
| FR1 n26 Ant 0 | Front | 0.656 | 0.315 | 0.001 | 0.368 | 0.389 | 0.105 | 0.001 | 0.97 | 1.13 | 1.15 | 0.66 | |
| | Back | 0.945 | 0.315 | 0.022 | 0.368 | 0.389 | 0.105 | 0.001 | 1.26 | 1.42 | 1.44 | 0.97 | |

<Sensor off>

| WWAN Band | Exposure Position | 1 | 2 | 3 | 4 | 5 | 1+2 | 1+3+5 | 1+4+5 |
|------------------|-------------------|---------------|--------------------|------------------|------------------|-----------------|---------------|---------------|---------------|
| | | WWAN | WLAN2.4GHz Ant 3+8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | Bluetooth Ant 3 | Summed | Summed | Summed |
| | | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) |
| LTE Band 7 Ant 1 | Front | 0.411 | 0.159 | 0.184 | 0.049 | 0.009 | 0.57 | 0.60 | 0.47 |
| | Back | 0.946 | 0.231 | 0.377 | 0.121 | 0.018 | 1.18 | 1.34 | 1.09 |
| FR1 n41 Ant 1 | Front | 0.503 | 0.159 | 0.184 | 0.049 | 0.009 | 0.66 | 0.70 | 0.56 |
| | Back | 1.158 | 0.231 | 0.377 | 0.121 | 0.018 | 1.39 | 1.55 | 1.30 |

17.5 Product specific 10g SAR Exposure Conditions

Remark:

1. For Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.
2. The unit of SAR evaluation is W/kg.

| WWAN Band | Exposure Position | 1 | 2 | 3 | 4 | 6 | 1+2+6 | 1+3+6 | 1+4+6 | Case No |
|----------------------|-------------------|------------------------|---|---------------------------------------|---------------------------------------|-----------------------|--------------------------|--------------------------|--------------------------|---------|
| | | WWAN 10g SAR (W/kg) | WLAN2.4GHz Ant 3+8 10g SAR (W/kg) | WLAN5GHz Ant 3+8 10g SAR (W/kg) | WLAN6GHz Ant 3+8 10g SAR (W/kg) | NFC 10g SAR (W/kg) | Summed 10g SAR (W/kg) | Summed 10g SAR (W/kg) | Summed 10g SAR (W/kg) | |
| GSM850 Ant 0 | Front | 1.888 | | 0.943 | 0.033 | 0.002 | 1.89 | 2.83 | 1.92 | |
| | Back | 3.161 | 0.696 | 0.833 | 0.126 | 0.015 | 3.87 | 4.01 | 3.30 | 71 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| GSM1900 Ant 0 | Front | 3.102 | | 0.943 | 0.033 | 0.002 | 3.10 | 4.05 | 3.14 | 72 |
| | Back | 3.252 | 0.696 | 0.833 | 0.126 | 0.015 | 3.96 | 4.10 | 3.39 | 73 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.656 | | | | 0.001 | 1.66 | 1.66 | 1.66 | |
| WCDMA II Ant 0 | Front | 2.684 | | 0.943 | 0.033 | 0.002 | 2.69 | 3.63 | 2.72 | |
| | Back | 2.695 | 1.022 | 0.943 | 0.126 | 0.015 | 3.73 | 3.65 | 2.84 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.556 | | | | 0.001 | 1.56 | 1.56 | 1.56 | |
| WCDMA IV Ant 0 | Front | 2.682 | | 0.943 | 0.033 | 0.002 | 2.68 | 3.63 | 2.72 | |
| | Back | 2.731 | 1.022 | 0.943 | 0.126 | 0.015 | 3.77 | 3.69 | 2.87 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.680 | | | | 0.001 | 1.68 | 1.68 | 1.68 | |
| WCDMA V Ant 0 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 1.547 | 1.022 | 0.943 | 0.126 | 0.015 | 2.58 | 2.51 | 1.69 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 7 Ant 0 | Front | 2.536 | | 0.943 | 0.033 | 0.002 | 2.54 | 3.48 | 2.57 | |
| | Back | 2.675 | 1.022 | 0.943 | 0.126 | 0.015 | 3.71 | 3.63 | 2.82 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.518 | | | | 0.001 | 1.52 | 1.52 | 1.52 | |
| LTE Band 7 Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 1.009 | 1.022 | 0.943 | 0.126 | 0.015 | 2.05 | 1.97 | 1.15 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | 2.295 | 1.022 | 0.943 | 0.017 | 0.001 | 3.32 | 3.24 | 2.31 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 13 Ant 0 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 0.926 | 1.022 | 0.943 | 0.126 | 0.015 | 1.96 | 1.88 | 1.07 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |



| | | | | | | | | | | |
|------------------------|-------------|-------|-------|-------|-------|-------|-------|------|------|------|
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 14 Ant 0 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 1.816 | 1.022 | 0.943 | 0.126 | 0.015 | 2.85 | 2.77 | 1.96 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| LTE Band 25 Ant 0 | Front | 2.987 | | 0.943 | 0.033 | 0.002 | 2.99 | 3.93 | 3.02 | |
| | Back | 2.731 | 1.022 | 0.943 | 0.126 | 0.015 | 3.77 | 3.69 | 2.87 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.061 | | | | | 0.001 | 1.06 | 1.06 | 1.06 |
| LTE Band 25 Ant 1 | Front | 1.970 | | 0.943 | 0.033 | 0.002 | 1.97 | 2.92 | 2.01 | |
| | Back | 1.127 | 1.022 | 0.943 | 0.126 | 0.015 | 2.16 | 2.09 | 1.27 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | 2.350 | 1.022 | 0.943 | 0.017 | 0.001 | 3.37 | 3.29 | 2.37 | |
| | Bottom side | | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| LTE Band 26 Ant 0 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 1.517 | 1.022 | 0.943 | 0.126 | 0.015 | 2.55 | 2.48 | 1.66 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| LTE Band 30 Ant 0 | Front | 2.494 | | 0.943 | 0.033 | 0.002 | 2.50 | 3.44 | 2.53 | |
| | Back | 2.318 | 1.022 | 0.943 | 0.126 | 0.015 | 3.36 | 3.28 | 2.46 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.642 | | | | | 0.001 | 1.64 | 1.64 | 1.64 |
| LTE Band 30 Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | 2.432 | 1.022 | 0.943 | 0.017 | 0.001 | 3.46 | 3.38 | 2.45 | |
| | Bottom side | | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| LTE Band 41 Ant 0 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 2.121 | 1.022 | 0.943 | 0.126 | 0.015 | 3.16 | 3.08 | 2.26 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | 1.390 | | | | | 0.001 | 1.39 | 1.39 | 1.39 |
| LTE Band 41 Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | 2.131 | 1.022 | 0.943 | 0.017 | 0.001 | 3.15 | 3.08 | 2.15 | |
| | Bottom side | | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| LTE Band 41 HPUE Ant 0 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 2.496 | 1.022 | 0.943 | 0.126 | 0.015 | 3.53 | 3.45 | 2.64 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | | 0.001 | 0.00 | 0.00 | 0.00 |



| | | | | | | | | | | |
|------------------------------|-------------|-------|-------|-------|-------|-------|------|------|------|-------|
| LTE Band 41 HPUE Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | 2.202 | 1.022 | 0.943 | 0.017 | 0.001 | 3.23 | 3.15 | 2.22 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 48 Ant 2 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 | |
| | Left side | 3.034 | | | | | 3.03 | 3.03 | 3.03 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 48 Ant 4 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 2.164 | 1.022 | 0.943 | 0.126 | 0.015 | 3.20 | 3.12 | 2.31 | |
| | Left side | 2.295 | | | | | 2.30 | 2.30 | 2.30 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 48 Ant 5 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | 3.125 | 1.022 | 0.943 | 0.772 | 0.001 | 4.15 | 4.07 | 3.90 | 74/75 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 48 Ant 7 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 | |
| | Back | 0.489 | 1.022 | 0.943 | 0.126 | 0.015 | 1.53 | 1.45 | 0.63 | |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 | |
| | Right side | 2.082 | 1.022 | 0.943 | 0.772 | 0.001 | 3.11 | 3.03 | 2.86 | |
| | Top side | 0.734 | 1.022 | 0.943 | 0.017 | 0.001 | 1.76 | 1.68 | 0.75 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |
| LTE Band 41 Ant 6 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.94 | 0.03 | |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.02 | 0.94 | 0.13 | |
| | Left side | 2.379 | | | | | 2.38 | 2.38 | 2.38 | |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 | |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 | |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 | |



| FR1 Band | Exposure Position | 1 | 2 | 3 | 4 | 6 | 1+2+6 | 1+3+6 | 1+4+6 |
|------------------|-------------------|----------------------|-----------------------|---------------------|---------------------|----------------------|-------------------|-------------------|-------------------|
| | | FR1 | WLAN2.4GHz Ant 3+8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | NFC | Summed | Summed | Summed |
| | | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) |
| FR1 n7 Ant 0 | Front | 2.705 | | 0.943 | 0.033 | 0.002 | 2.71 | 3.65 | 2.74 |
| | Back | 2.289 | 1.022 | 0.943 | 0.126 | 0.015 | 3.33 | 3.25 | 2.43 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | 1.556 | | | | 0.001 | 1.56 | 1.56 | 1.56 |
| FR1 n7 Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | 0.761 | 1.022 | 0.943 | 0.126 | 0.015 | 1.80 | 1.72 | 0.90 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | 1.970 | 1.022 | 0.943 | 0.017 | 0.001 | 2.99 | 2.91 | 1.99 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n25 Ant 0 | Front | 2.759 | | 0.943 | 0.033 | 0.002 | 2.76 | 3.70 | 2.79 |
| | Back | 2.596 | 1.022 | 0.943 | 0.126 | 0.015 | 3.63 | 3.55 | 2.74 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | 0.879 | | | | 0.001 | 0.88 | 0.88 | 0.88 |
| FR1 n25 Ant 1 | Front | 1.985 | | 0.943 | 0.033 | 0.002 | 1.99 | 2.93 | 2.02 |
| | Back | 1.173 | 1.022 | 0.943 | 0.126 | 0.015 | 2.21 | 2.13 | 1.31 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | 2.405 | 1.022 | 0.943 | 0.017 | 0.001 | 3.43 | 3.35 | 2.42 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n30 Ant 0 | Front | 2.697 | | 0.943 | 0.033 | 0.002 | 2.70 | 3.64 | 2.73 |
| | Back | 2.384 | 1.022 | 0.943 | 0.126 | 0.015 | 3.42 | 3.34 | 2.53 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | 1.829 | | | | 0.001 | 1.83 | 1.83 | 1.83 |
| FR1 n30 Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | 0.821 | 1.022 | 0.943 | 0.126 | 0.015 | 1.86 | 1.78 | 0.96 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | 2.354 | 1.022 | 0.943 | 0.017 | 0.001 | 3.38 | 3.30 | 2.37 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n41 Ant 0 | Front | 2.961 | | 0.943 | 0.033 | 0.002 | 2.96 | 3.91 | 3.00 |
| | Back | 2.911 | 1.022 | 0.943 | 0.126 | 0.015 | 3.95 | 3.87 | 3.05 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | 2.242 | | | | 0.001 | 2.24 | 2.24 | 2.24 |
| FR1 n41 Ant 1 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | 1.137 | 1.022 | 0.943 | 0.126 | 0.015 | 2.17 | 2.10 | 1.28 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | 2.328 | 1.022 | 0.943 | 0.017 | 0.001 | 3.35 | 3.27 | 2.35 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n41 Ant 2 | Front | 1.899 | | 0.943 | 0.033 | 0.002 | 1.90 | 2.84 | 1.93 |
| | Back | 1.116 | 1.022 | 0.943 | 0.126 | 0.015 | 2.15 | 2.07 | 1.26 |



| | | | | | | | | | |
|------------------|-------------|-------|-------|-------|-------|-------|------|------|------|
| | Left side | 3.493 | | | | | 3.49 | 3.49 | 3.49 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n48 Ant 2 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | 2.619 | | | | | 2.62 | 2.62 | 2.62 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| FR1 n48 Ant 4 | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | 1.668 | | | | | 1.67 | 1.67 | 1.67 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| FR1 n48 Ant 5 | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | 2.143 | 1.022 | 0.943 | 0.772 | 0.001 | 3.17 | 3.09 | 2.92 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| FR1 n48 Ant 7 | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | 0.608 | 1.022 | 0.943 | 0.126 | 0.015 | 1.65 | 1.57 | 0.75 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | 2.206 | 1.022 | 0.943 | 0.772 | 0.001 | 3.23 | 3.15 | 2.98 |
| | Top side | 0.928 | 1.022 | 0.943 | 0.017 | 0.001 | 1.95 | 1.87 | 0.95 |
| FR1 n66 Ant 0 | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| | Front | 3.044 | | 0.943 | 0.033 | 0.002 | 3.05 | 3.99 | 3.08 |
| | Back | 3.085 | 0.696 | 0.833 | 0.126 | 0.015 | 3.78 | 3.92 | 3.21 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| FR1 n66 Ant 1 | Bottom side | 1.370 | | | | 0.001 | 1.37 | 1.37 | 1.37 |
| | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | 1.963 | 1.022 | 0.943 | 0.017 | 0.001 | 2.99 | 2.91 | 1.98 |
| FR1 n70 Ant 0 | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| | Front | 2.822 | | 0.943 | 0.033 | 0.002 | 2.82 | 3.77 | 2.86 |
| | Back | 2.870 | 1.022 | 0.943 | 0.126 | 0.015 | 3.91 | 3.83 | 3.01 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| FR1 n41 Ant 6 | Bottom side | 1.470 | | | | 0.001 | 1.47 | 1.47 | 1.47 |
| | Front | 1.138 | | 0.943 | 0.033 | 0.002 | 1.14 | 2.08 | 1.17 |
| | Back | 1.088 | 1.022 | 0.943 | 0.126 | 0.015 | 2.13 | 2.05 | 1.23 |
| | Left side | 2.409 | | | | | 2.41 | 2.41 | 2.41 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| FR1 n41 Ant 6 | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |



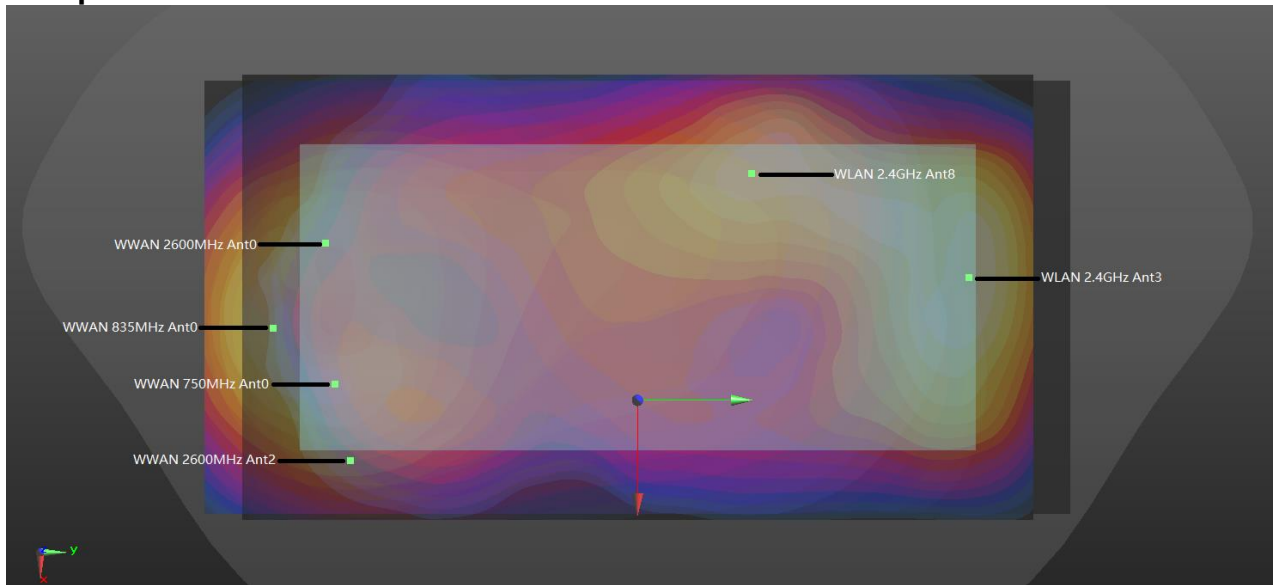
| FR1 Band | Exposure Position | 1 | 2 | 3 | 4 | 6 | 1+2+6 | 1+3+6 | 1+4+6 |
|------------------------|-------------------|----------------|--------------------|------------------|------------------|----------------|----------------|----------------|----------------|
| | | FR1 | WLAN2.4GHz Ant 3+8 | WLAN5GHz Ant 3+8 | WLAN6GHz Ant 3+8 | NFC | Summed | Summed | Summed |
| | | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) | 10g SAR (W/kg) |
| FR1 n77 Part 27Q Ant 2 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | 1.746 | | | | | 1.75 | 1.75 | 1.75 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 2 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | 3.076 | | | | | 3.08 | 3.08 | 3.08 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 4 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | 1.552 | | | | | 1.55 | 1.55 | 1.55 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 4 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | 2.077 | | | | | 2.08 | 2.08 | 2.08 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 5 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | 1.697 | 1.022 | 0.943 | 0.772 | 0.001 | 2.72 | 2.64 | 2.47 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 5 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | 2.474 | 1.022 | 0.943 | 0.772 | 0.001 | 3.50 | 3.42 | 3.25 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 7 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | 2.510 | 1.022 | 0.943 | 0.772 | 0.001 | 3.53 | 3.45 | 3.28 |
| | Top side | | 1.022 | 0.943 | 0.017 | 0.001 | 1.02 | 0.94 | 0.02 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |
| FR1 n77 Part 27Q Ant 7 | Front | | | 0.943 | 0.033 | 0.002 | 0.00 | 0.95 | 0.04 |
| | Back | | 1.022 | 0.943 | 0.126 | 0.015 | 1.04 | 0.96 | 0.14 |
| | Left side | | | | | | 0.00 | 0.00 | 0.00 |
| | Right side | | 1.022 | 0.943 | 0.772 | 0.001 | 1.02 | 0.94 | 0.77 |
| | Top side | 0.655 | 1.022 | 0.943 | 0.017 | 0.001 | 1.68 | 1.60 | 0.67 |
| | Bottom side | | | | | 0.001 | 0.00 | 0.00 | 0.00 |

17.6 SPLSR Evaluation and Analysis

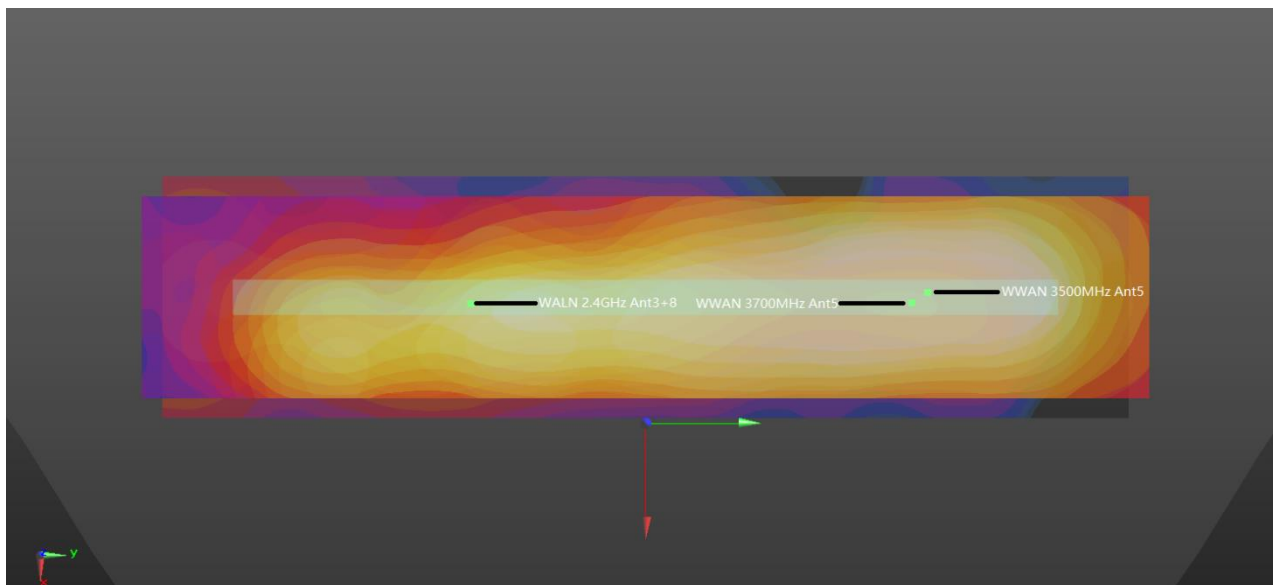
General Note:

1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where $(x1, y1, z1)$ and $(x2, y2, z2)$ are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR1 + SAR2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. Per April 2022 TCB Workshop, instead of doing a small volume scan over a co-located antenna pair, used summing the SAR values of the co-located pair and using that value in SPLSR calculation. In the calculation used the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.

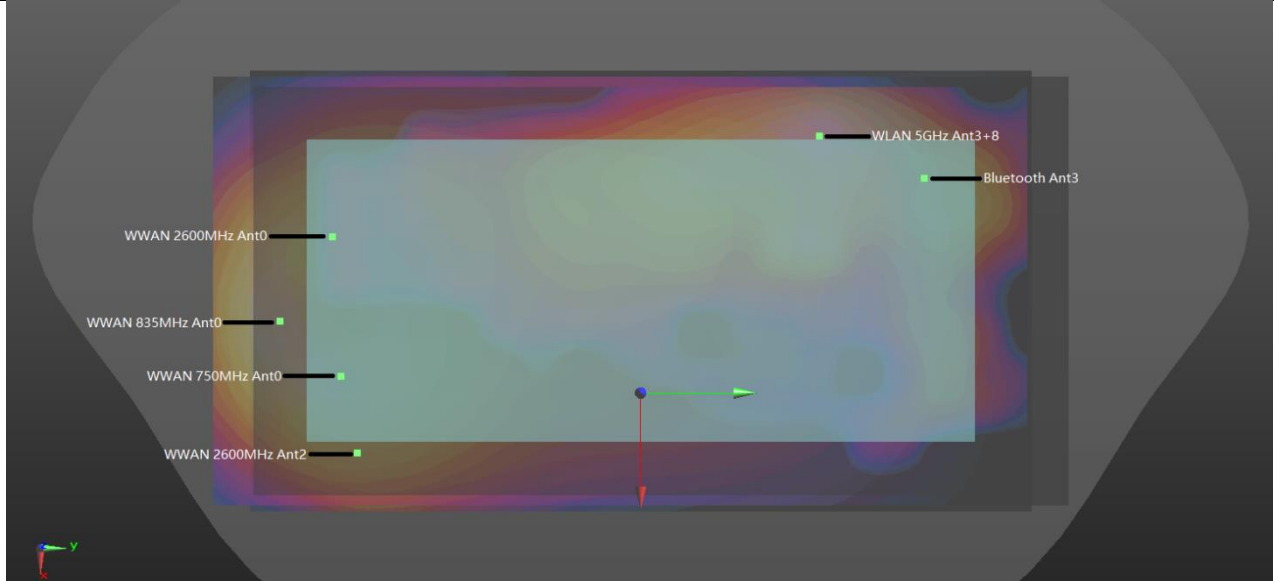
Hotspot



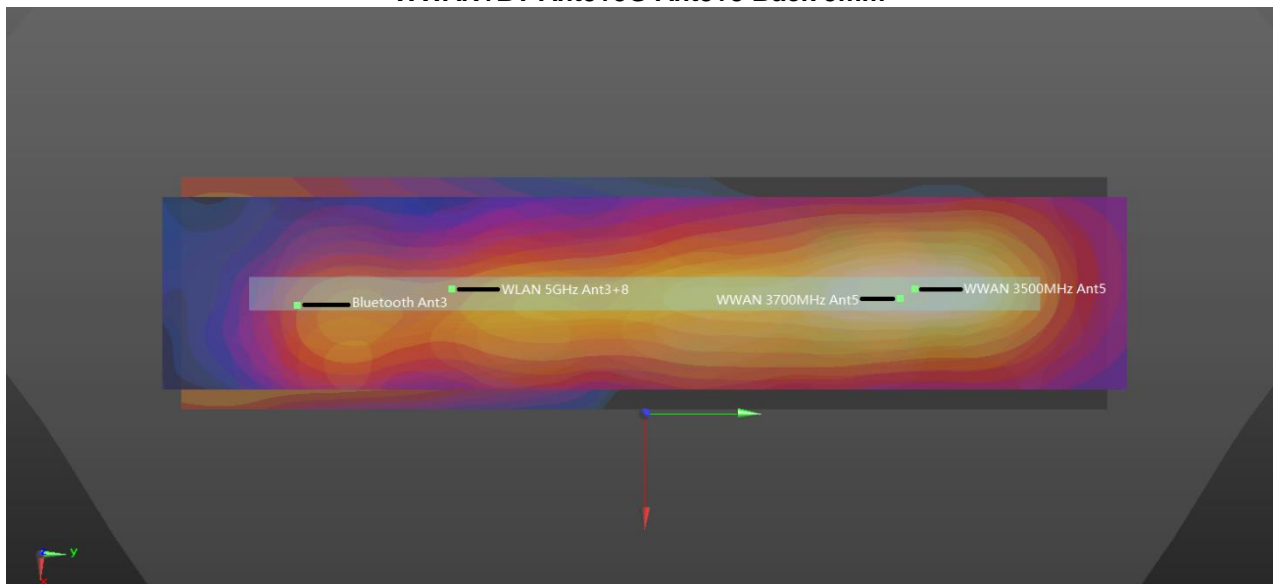
WWAN+2.4G Ant3+8 Back 5mm



WWAN+2.4G Ant3+8 Right Side 5mm

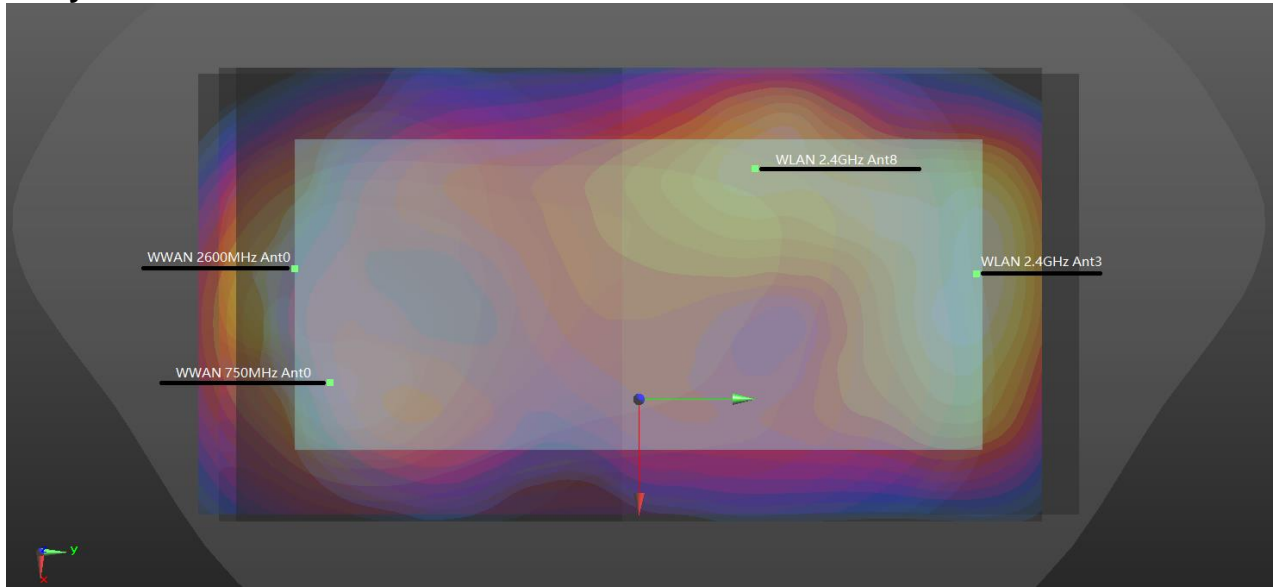


WWAN+BT Ant3+5G Ant3+8 Back 5mm

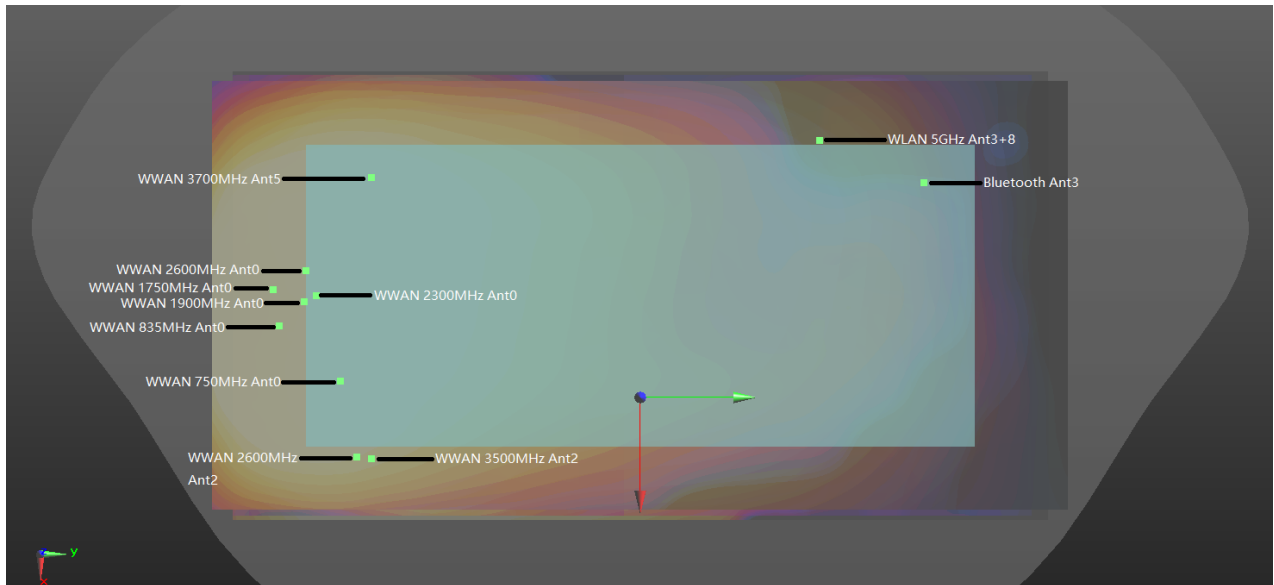


WWAN+BT Ant3+5G Ant3+8 Right Side 5mm

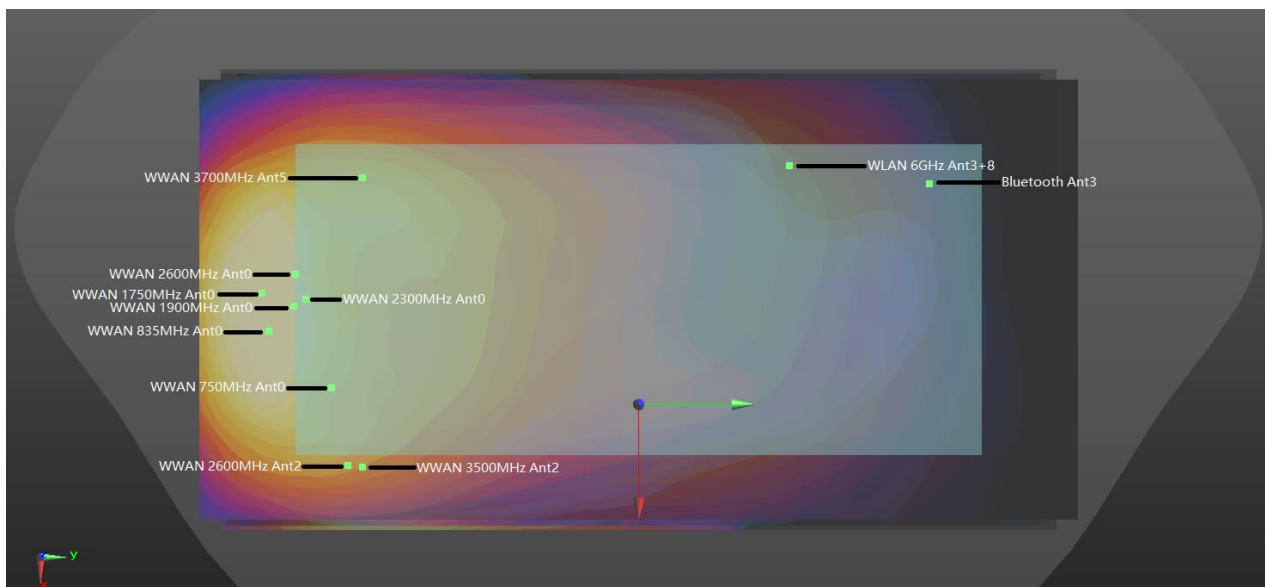
Body worn



WWAN+2.4G Ant3+8 Back 5mm

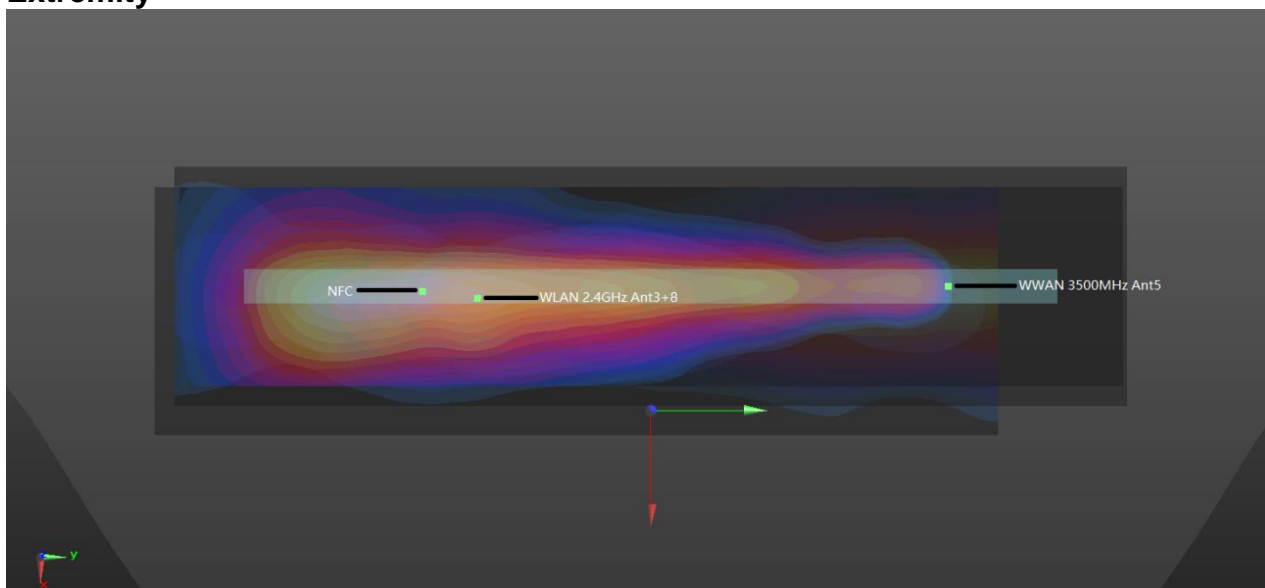


WWAN+Bluetooth Ant3 +5G Ant3+8 Back 5mm

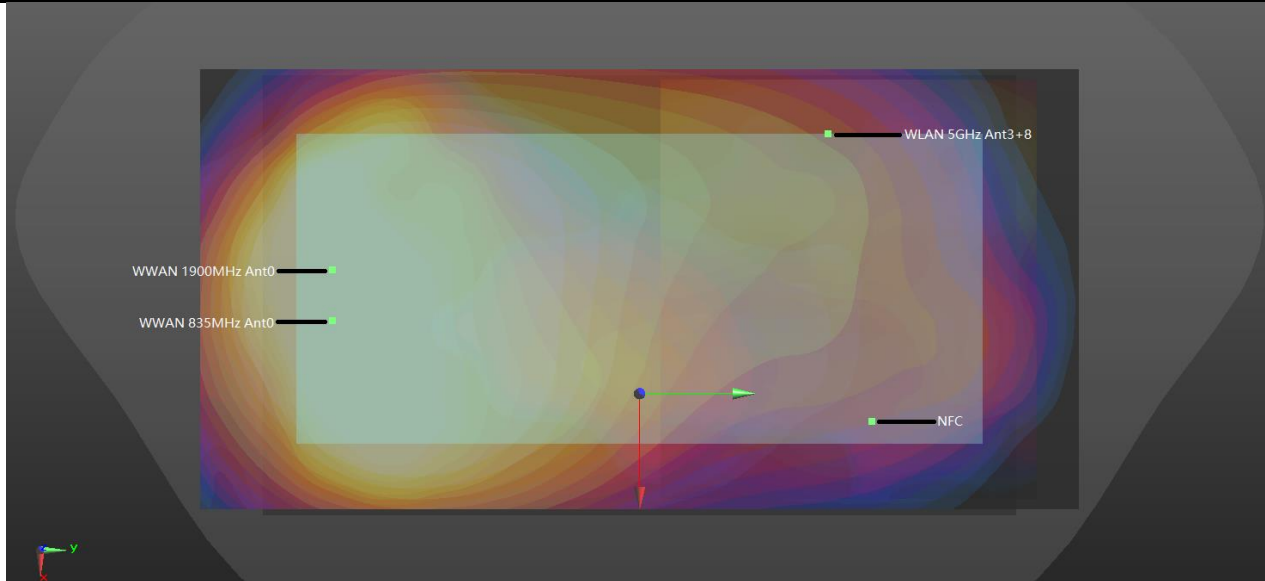


WWAN+Bluetooth Ant3 +6G Ant3+8 Back 5mm

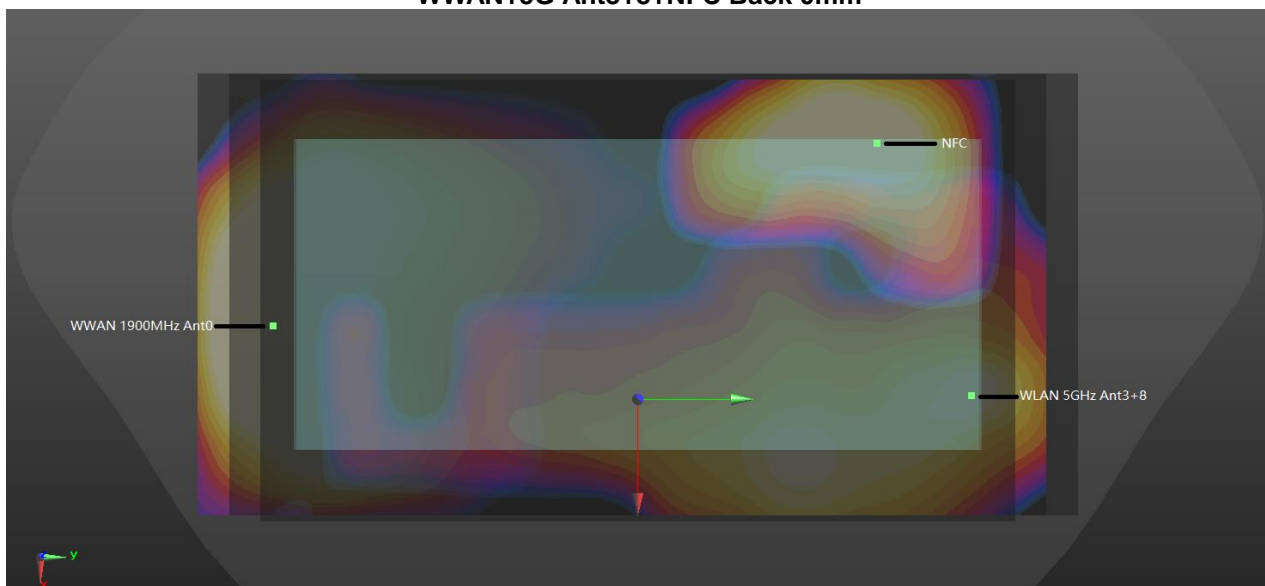
Extremity



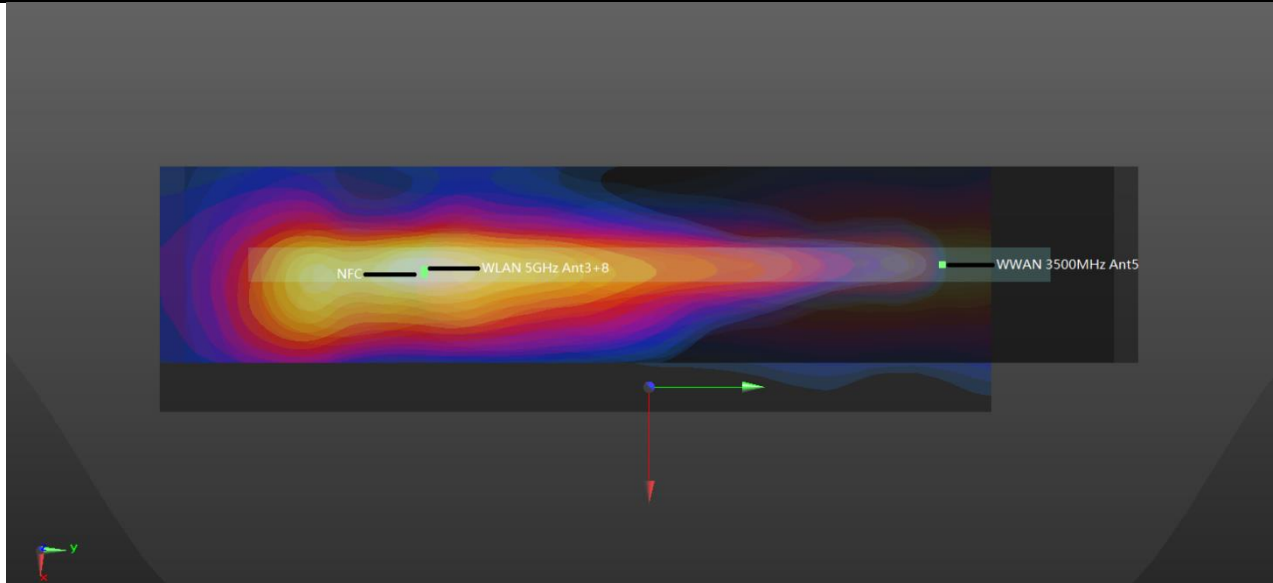
WWAN+2.4G Ant3+8+NFC Right Side 0mm



WWAN+5G Ant3+8+NFC Back 0mm



WWAN+5G Ant3+8+NFC Front 0mm



WWAN+5G Ant3+8+NFC Right Side 0mm

<Hotspot SAR>

| Case No | Band | Position | SAR 1g | Summed | Gap | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|--------------------|----------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | SAR (W/kg) | 1g SAR (W/kg) | | (mm) | X | Y | | | | |
| Case 48 | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 128.8 | 1.78 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | 0.512 | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 49 | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 117.6 | 1.84 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | 5mm | | | | | | | | |
| Case 49 | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 169.5 | 1.84 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 50 | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 128.2 | 1.72 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | 0.512 | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 51 | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 117.4 | 1.78 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | 5mm | | | | | | | | |
| Case 51 | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 169.5 | 1.78 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 52 | LTE Band 12 Ant 0 | Back | 1.115 | 1.115 | 5mm | 19.4 | -78.3 | -2.27 | 122.2 | 1.63 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | 0.512 | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 53 | LTE Band 12 Ant 0 | Back | 1.115 | 1.115 | 5mm | 19.4 | -78.3 | -2.27 | 110.0 | 1.69 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | 0.570 | 5mm | -16.8 | 25.6 | -2.69 | | | | |



FCC SAR Test Report

Report No. : FA322305

| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|-------------------|--------------------|------------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | | | X | Y | Z | | | | |
| | Bluetooth Ant 3 | Back | 0.096 | 0.570 | 5mm | | | | 161.5 | 1.69 | 0.01 | Not required |
| | LTE Band 12 Ant 0 | | 1.115 | | 5mm | 19.4 | -78.3 | -2.27 | | | | |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 54 | LTE Band 13 Ant 0 | Back | 1.344 | 1.344 | 5mm | 22.6 | -72 | -2.35 | 118.1 | 1.86 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 55 | LTE Band 13 Ant 0 | Back | 1.344 | 0.570 | 5mm | 22.6 | -72 | -2.35 | 105.3 | 1.91 | 0.03 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | | | | | | | |
| | LTE Band 13 Ant 0 | Back | 1.344 | 0.570 | 5mm | 22.6 | -72 | -2.35 | 156.3 | 1.91 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 56 | LTE Band 14 Ant 0 | Back | 1.362 | 0.512 | 5mm | 22.6 | -72 | -2.37 | 118.1 | 1.87 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 57 | LTE Band 14 Ant 0 | Back | 1.362 | 0.570 | 5mm | 22.6 | -72 | -2.37 | 105.3 | 1.93 | 0.03 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | | | | | | | |
| | LTE Band 14 Ant 0 | Back | 1.362 | 0.570 | 5mm | 22.6 | -72 | -2.37 | 156.3 | 1.93 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 58 | LTE Band 26 Ant 0 | Back | 1.050 | 0.570 | 5mm | 22.6 | -72 | -2.36 | 105.3 | 1.62 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | | | | | | | |
| LTE Band 26 Ant 0 | Back | 1.050 | 0.570 | 5mm | 22.6 | -72 | -2.36 | 156.3 | 1.62 | 0.01 | Not required | |
| WLAN5GHz Ant 3+8 | | 0.474 | | 5mm | | | | | | | | |
| Bluetooth Ant 3 | | 0.096 | | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 59 | LTE Band 48 Ant 5 | Right side | 1.211 | 0.638 | 5mm | -1 | 55.2 | -2.64 | 86.1 | 1.85 | 0.03 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.638 | | 5mm | 3.2 | -30.8 | -2.96 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 60 | LTE Band 48 Ant 5 | Right side | 1.211 | 0.729 | 5mm | -1 | 55.2 | -2.64 | 96.8 | 1.94 | 0.03 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.698 | | 5mm | -0.2 | -41.6 | -2.88 | | | | |
| | Bluetooth Ant 3 | | 0.031 | | 5mm | | | | | | | |
| | LTE Band 48 Ant 5 | Right side | 1.211 | 0.729 | 5mm | -1 | 55.2 | -2.64 | 126.3 | 1.94 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.698 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.031 | | 5mm | 4.4 | -71 | -2.27 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 63 | FR1 n7 Ant 0 | Back | 1.270 | 0.512 | 5mm | -16.2 | -74.6 | -2.52 | 107.7 | 1.78 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |



FCC SAR Test Report

Report No. : FA322305

| No | | | SAR (W/kg) | 1g SAR (W/kg) | (mm) | X | Y | Z | (mm) | SAR (W/kg) | | |
|---------|------------------------|------------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| Case 64 | FR1 n7 Ant 0 | Back | 1.270 | 1.270 | 5mm | -16.2 | -74.6 | -2.52 | 100.2 | 1.84 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | 0.570 | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | | | | | | | |
| | FR1 n7 Ant 0 | Back | 1.270 | 1.270 | 5mm | -16.2 | -74.6 | -2.52 | 152.3 | 1.84 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | 0.570 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 65 | FR1 n41 Ant 2 | Back | 1.409 | 1.409 | 5mm | 40.6 | -66.6 | -2.12 | 123.3 | 1.92 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.512 | 0.512 | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case 66 | FR1 n41 Ant 2 | Back | 1.409 | 1.409 | 5mm | 40.6 | -66.6 | -2.12 | 108.6 | 1.98 | 0.03 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | 0.570 | 5mm | -16.8 | 25.6 | -2.69 | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | | | | | | | |
| | FR1 n41 Ant 2 | Back | 1.409 | 1.409 | 5mm | 40.6 | -66.6 | -2.12 | 157.4 | 1.98 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.474 | 0.570 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.096 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 67 | FR1 n48 Ant 5 | Right side | 1.230 | 1.230 | 5mm | 1.8 | 53.8 | -2.79 | 84.6 | 1.87 | 0.03 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.638 | 0.638 | 5mm | 3.2 | -30.8 | -2.96 | | | | |
| Case 68 | FR1 n48 Ant 5 | Right side | 1.230 | 1.230 | 5mm | 1.8 | 53.8 | -2.79 | 95.4 | 1.96 | 0.03 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.698 | 0.729 | 5mm | -0.2 | -41.6 | -2.88 | | | | |
| | Bluetooth Ant 3 | | 0.031 | | 5mm | | | | | | | |
| | FR1 n48 Ant 5 | Right side | 1.230 | 1.230 | 5mm | 1.8 | 53.8 | -2.79 | 124.8 | 1.96 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.698 | 0.729 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.031 | | 5mm | 4.4 | -71 | -2.27 | | | | |
| Case 69 | FR1 n77 Part 27Q Ant 5 | Right side | 1.136 | 1.136 | 5mm | -4 | 57 | -2.74 | 88.1 | 1.77 | 0.03 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.638 | 0.638 | 5mm | 3.2 | -30.8 | -2.96 | | | | |
| Case 70 | FR1 n77 Part 27Q Ant 5 | Right side | 1.136 | 1.136 | 5mm | -4 | 57 | -2.74 | 98.7 | 1.87 | 0.03 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.698 | 0.729 | 5mm | -0.2 | -41.6 | -2.88 | | | | |
| | Bluetooth Ant 3 | | 0.031 | | 5mm | | | | | | | |
| | FR1 n77 Part 27Q Ant 5 | Right side | 1.136 | 1.136 | 5mm | -4 | 57 | -2.74 | 128.3 | 1.87 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.698 | 0.729 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.031 | | 5mm | 4.4 | -71 | -2.27 | | | | |



<Body-worn SAR>

| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|-------------------|----------|-------------------|---------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | 1g SAR (W/kg) | | X | Y | Z | | | | |
| Case 1 | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 139.5 | 1.74 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 169.5 | 1.74 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 2 | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 134.5 | 1.76 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | GSM850 Ant 0 | Back | 1.266 | 1.266 | 5mm | 14.2 | -87.8 | 1.58 | 169.5 | 1.76 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 4 | WCDMA IV Ant 0 | Back | 1.176 | 1.176 | 5mm | 0.1 | -86.8 | 1.53 | 134.1 | 1.65 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | WCDMA IV Ant 0 | Back | 1.176 | 1.176 | 5mm | 0.1 | -86.8 | 1.53 | 166.0 | 1.65 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 5 | WCDMA IV Ant 0 | Back | 1.176 | 1.176 | 5mm | 0.1 | -86.8 | 1.53 | 129.3 | 1.67 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | WCDMA IV Ant 0 | Back | 1.176 | 1.176 | 5mm | 0.1 | -86.8 | 1.53 | 166.0 | 1.67 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 6 | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 138.9 | 1.68 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 169.5 | 1.68 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 7 | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 134.0 | 1.70 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | WCDMA V Ant 0 | Back | 1.206 | 1.206 | 5mm | 10.7 | -88.5 | 1.55 | 169.5 | 1.70 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 9 | LTE Band 12 Ant 0 | Back | 1.115 | 1.115 | 5mm | 19.4 | -78.3 | -2.27 | 127.5 | 1.61 | 0.02 | Not required |



| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|--------------------|----------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | | | X | Y | Z | | | | |
| | WLAN6GHz Ant 3+8 | Back | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | 161.5 | 1.61 | 0.01 | Not required |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 12 Ant 0 | | 1.115 | 1.115 | 5mm | 19.4 | -78.3 | -2.27 | | | | |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 10 | LTE Band 13 Ant 0 | Back | 1.344 | 1.344 | 5mm | 22.6 | -72 | -2.35 | 118.1 | 1.66 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.315 | 0.315 | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 11 | LTE Band 13 Ant 0 | Back | 1.344 | 1.344 | 5mm | 22.6 | -72 | -2.35 | 128.4 | 1.82 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | | |
| | Bluetooth Ant 3 | | | 5mm | | | | | | | | |
| | LTE Band 13 Ant 0 | Back | 1.344 | 1.344 | 5mm | 22.6 | -72 | -2.35 | 156.3 | 1.82 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.473 | 5mm | | | | | | | | |
| | Bluetooth Ant 3 | | | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 12 | LTE Band 13 Ant 0 | Back | 1.344 | 1.344 | 5mm | 22.6 | -72 | -2.35 | 123.2 | 1.84 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | | |
| | Bluetooth Ant 3 | | | 5mm | | | | | | | | |
| | LTE Band 13 Ant 0 | Back | 1.344 | 1.344 | 5mm | 22.6 | -72 | -2.35 | 156.3 | 1.84 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.494 | 5mm | | | | | | | | |
| | Bluetooth Ant 3 | | | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 13 | LTE Band 14 Ant 0 | Back | 1.362 | 1.362 | 5mm | 22.6 | -72 | -2.37 | 118.1 | 1.68 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.315 | 0.315 | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 14 | LTE Band 14 Ant 0 | Back | 1.362 | 1.362 | 5mm | 22.6 | -72 | -2.37 | 128.4 | 1.84 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | | |
| | Bluetooth Ant 3 | | | 5mm | | | | | | | | |
| | LTE Band 14 Ant 0 | Back | 1.362 | 1.362 | 5mm | 22.6 | -72 | -2.37 | 156.3 | 1.84 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.473 | 5mm | | | | | | | | |
| | Bluetooth Ant 3 | | | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 15 | LTE Band 14 Ant 0 | Back | 1.362 | 1.362 | 5mm | 22.6 | -72 | -2.37 | 123.2 | 1.86 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | | |
| | Bluetooth Ant 3 | | | 5mm | | | | | | | | |
| | LTE Band 14 Ant 0 | Back | 1.362 | 1.362 | 5mm | 22.6 | -72 | -2.37 | 156.3 | 1.86 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.494 | 5mm | | | | | | | | |
| | Bluetooth Ant 3 | | | 5mm | -22.6 | 77.6 | -2.51 | | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | X | Y | Z | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 18 | LTE Band 66 Ant 0 | Back | 1.165 | 1.165 | 5mm | 4.5 | -77.9 | -2.46 | 126.8 | 1.64 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | | |
| | Bluetooth Ant 3 | | | 5mm | | | | | | | | |
| | LTE Band 66 Ant 0 | Back | 1.165 | 1.165 | 5mm | 4.5 | -77.9 | -2.46 | 157.8 | 1.64 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.473 | 5mm | | | | | | | | |
| | Bluetooth Ant 3 | | | 5mm | -22.6 | 77.6 | -2.51 | | | | | |



| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|--------------------|----------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | | | X | Y | Z | | | | |
| Case 19 | LTE Band 66 Ant 0 | Back | 1.165 | 1.165 | 5mm | 4.5 | -77.9 | -2.46 | 121.9 | 1.66 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 66 Ant 0 | Back | 1.165 | 1.165 | 5mm | 4.5 | -77.9 | -2.46 | 157.8 | 1.66 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 20 | LTE Band 25 Ant 0 | Back | 1.200 | 1.200 | 5mm | -0.1 | -82.5 | -2.45 | 129.8 | 1.67 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 25 Ant 0 | Back | 1.200 | 1.200 | 5mm | -0.1 | -82.5 | -2.45 | 161.7 | 1.67 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 21 | LTE Band 25 Ant 0 | Back | 1.200 | 1.200 | 5mm | -0.1 | -82.5 | -2.45 | 125.0 | 1.69 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 25 Ant 0 | Back | 1.200 | 1.200 | 5mm | -0.1 | -82.5 | -2.45 | 161.7 | 1.69 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 22 | LTE Band 30 Ant 0 | Back | 1.196 | 1.196 | 5mm | -4.8 | -81.1 | -2.49 | 127.3 | 1.67 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 30 Ant 0 | Back | 1.196 | 1.196 | 5mm | -4.8 | -81.1 | -2.49 | 159.7 | 1.67 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 23 | LTE Band 30 Ant 0 | Back | 1.196 | 1.196 | 5mm | -4.8 | -81.1 | -2.49 | 122.6 | 1.69 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 30 Ant 0 | Back | 1.196 | 1.196 | 5mm | -4.8 | -81.1 | -2.49 | 159.7 | 1.69 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 24 | LTE Band 7 Ant 0 | Back | 1.360 | 1.360 | 5mm | -4.4 | -80.4 | -2.47 | 115.8 | 1.68 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.315 | | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case 25 | LTE Band 7 Ant 0 | Back | 1.360 | 1.360 | 5mm | -4.4 | -80.4 | -2.47 | 126.7 | 1.83 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 7 Ant 0 | Back | 1.360 | 1.360 | 5mm | -4.4 | -80.4 | -2.47 | 159.0 | 1.83 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |



| No | | | (W/kg) | 1g SAR (W/kg) | (mm) | X | Y | Z | (mm) | (W/kg) | | SAR |
|---------|-------------------|----------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| Case 26 | LTE Band 7 Ant 0 | Back | 1.360 | 1.360 | 5mm | -4.4 | -80.4 | -2.47 | 122.0 | 1.85 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 7 Ant 0 | Back | 1.360 | 1.360 | 5mm | -4.4 | -80.4 | -2.47 | 159.0 | 1.85 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
| Case 30 | GSM1900 Ant 0 | Back | 1.122 | 1.122 | 5mm | -4.4 | -73.4 | 1.37 | 115.2 | 1.62 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | GSM1900 Ant 0 | Back | 1.122 | 1.122 | 5mm | -4.4 | -73.4 | 1.37 | 152.1 | 1.62 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 31 | LTE Band 48 Ant 5 | Back | 1.276 | 1.276 | 5mm | -29.6 | -54.2 | -2.75 | 96.8 | 1.75 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 48 Ant 5 | Back | 1.276 | 1.276 | 5mm | -29.6 | -54.2 | -2.75 | 132.0 | 1.75 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 32 | LTE Band 48 Ant 5 | Back | 1.276 | 1.276 | 5mm | -29.6 | -54.2 | -2.75 | 92.6 | 1.77 | 0.03 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | LTE Band 48 Ant 5 | Back | 1.276 | 1.276 | 5mm | -29.6 | -54.2 | -2.75 | 132.0 | 1.77 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 33 | FR1 n66 Ant 0 | Back | 1.142 | 1.142 | 5mm | 10.4 | -88.9 | 1.53 | 139.2 | 1.62 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n66 Ant 0 | Back | 1.142 | 1.142 | 5mm | 10.4 | -88.9 | 1.53 | 169.8 | 1.62 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 34 | FR1 n66 Ant 0 | Back | 1.142 | 1.142 | 5mm | 10.4 | -88.9 | 1.53 | 134.2 | 1.64 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n66 Ant 0 | Back | 1.142 | 1.142 | 5mm | 10.4 | -88.9 | 1.53 | 169.8 | 1.64 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 35 | FR1 n25 Ant 0 | Back | 1.157 | 1.157 | 5mm | -1.6 | -79.5 | -2.39 | 126.6 | 1.63 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n25 Ant 0 | Back | 1.157 | 1.157 | 5mm | -1.6 | -79.5 | -2.39 | 158.5 | 1.63 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |



| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|--------------------|----------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | | | X | Y | Z | | | | |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 36 | FR1 n25 Ant 0 | Back | 1.157 | 0.494 | 5mm | -1.6 | -79.5 | -2.39 | 121.8 | 1.65 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n25 Ant 0 | Back | 1.157 | 0.494 | 5mm | -1.6 | -79.5 | -2.39 | 158.5 | 1.65 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 37 | FR1 n30 Ant 0 | Back | 1.168 | 0.473 | 5mm | -5.8 | -82.8 | -2.38 | 128.7 | 1.64 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n30 Ant 0 | Back | 1.168 | 0.473 | 5mm | -5.8 | -82.8 | -2.38 | 161.3 | 1.64 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 38 | FR1 n30 Ant 0 | Back | 1.168 | 0.494 | 5mm | -5.8 | -82.8 | -2.38 | 124.0 | 1.66 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n30 Ant 0 | Back | 1.168 | 0.494 | 5mm | -5.8 | -82.8 | -2.38 | 161.3 | 1.66 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 39 | FR1 n7 Ant 0 | Back | 1.307 | 0.315 | 5mm | -16.2 | -74.6 | -2.52 | 107.7 | 1.62 | 0.02 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 0.315 | | 5mm | -34 | 31.6 | -2.67 | | | | |
| Case 40 | FR1 n7 Ant 0 | Back | 1.307 | 0.473 | 5mm | -16.2 | -74.6 | -2.52 | 118.6 | 1.78 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n7 Ant 0 | Back | 1.307 | 0.473 | 5mm | -16.2 | -74.6 | -2.52 | 152.3 | 1.78 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 41 | FR1 n7 Ant 0 | Back | 1.307 | 0.494 | 5mm | -16.2 | -74.6 | -2.52 | 114.1 | 1.80 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n7 Ant 0 | Back | 1.307 | 0.494 | 5mm | -16.2 | -74.6 | -2.52 | 152.3 | 1.80 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 42 | FR1 n41 Ant 0 | Back | 1.224 | 0.473 | 5mm | -9.2 | -78.4 | -2.43 | 123.7 | 1.70 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n41 Ant 0 | Back | 1.224 | 0.473 | 5mm | -9.2 | -78.4 | -2.43 | 156.6 | 1.70 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | | 5mm | | | | | | | |



| Case No | Band | Position | SAR 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|------------------------|----------|-------------------|----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | | | X | Y | Z | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 43 | FR1 n41 Ant 0 | Back | 1.224 | 1.224 | 5mm | -9.2 | -78.4 | -2.43 | 119.0 | 1.72 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n41 Ant 0 | Back | 1.224 | 1.224 | 5mm | -9.2 | -78.4 | -2.43 | 156.6 | 1.72 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 44 | FR1 n41 Ant 2 | Back | 1.261 | 1.261 | 5mm | 40.6 | -66.6 | -2.12 | 133.0 | 1.73 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n41 Ant 2 | Back | 1.261 | 1.261 | 5mm | 40.6 | -66.6 | -2.12 | 157.4 | 1.73 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 45 | FR1 n41 Ant 2 | Back | 1.261 | 1.261 | 5mm | 40.6 | -66.6 | -2.12 | 127.7 | 1.76 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n41 Ant 2 | Back | 1.261 | 1.261 | 5mm | 40.6 | -66.6 | -2.12 | 157.4 | 1.76 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 46 | FR1 n77 Part 27Q Ant 2 | Back | 1.222 | 1.222 | 5mm | 40.8 | -64.4 | -2.09 | 131.3 | 1.70 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n77 Part 27Q Ant 2 | Back | 1.222 | 1.222 | 5mm | 40.8 | -64.4 | -2.09 | 155.5 | 1.70 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 47 | FR1 n77 Part 27Q Ant 2 | Back | 1.222 | 1.222 | 5mm | 40.8 | -64.4 | -2.09 | 126.0 | 1.72 | 0.02 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | -32 | 38.4 | -2.44 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | FR1 n77 Part 27Q Ant 2 | Back | 1.222 | 1.222 | 5mm | 40.8 | -64.4 | -2.09 | 155.5 | 1.72 | 0.01 | Not required |
| | WLAN6GHz Ant 3+8 | | 0.389 | 0.494 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |
| Case 76 | GSM1900 Ant 0 | Back | 1.122 | 1.122 | 5mm | -4.4 | -73.4 | 1.37 | 120.0 | 1.60 | 0.02 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | -35.6 | 42.4 | -2.78 | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | | | | | | | |
| | GSM1900 Ant 0 | Back | 1.122 | 1.122 | 5mm | -4.4 | -73.4 | 1.37 | 152.1 | 1.60 | 0.01 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.368 | 0.473 | 5mm | | | | | | | |
| | Bluetooth Ant 3 | | 0.105 | | 5mm | -22.6 | 77.6 | -2.51 | | | | |



<Extremity SAR>

| Case No | Band | Position | SAR 10g SAR (W/kg) | Summed 10g SAR (W/kg) | Gap (mm) | SAR peak location (mm) | | | 3D distance (mm) | Summed SAR (W/kg) | SPLSR Results | Simultaneous SAR |
|---------|--------------------|------------|--------------------|-----------------------|----------|------------------------|-------|-------|------------------|-------------------|---------------|------------------|
| | | | | | | X | Y | Z | | | | |
| Case 71 | GSM850 Ant 0 | Back | 3.161 | 3.161 | 0mm | 7.5 | -71.9 | 1.46 | 123.3 | 4.01 | 0.07 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.833 | | 0mm | -29 | 45.8 | -2.79 | | | | |
| | NFC | | 0.015 | | 0mm | | | | | | | |
| | GSM850 Ant 0 | Back | 3.161 | 3.161 | 0mm | 7.5 | -71.9 | 1.46 | 127.8 | 4.01 | 0.06 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.833 | | 0mm | | | | | | | |
| | NFC | | 0.015 | | 0mm | 29.9 | 53.9 | -0.45 | | | | |
| Case 72 | GSM1900 Ant 0 | Front | 3.102 | 3.102 | 0mm | 13.9 | -82.2 | -2.25 | 138.2 | 4.05 | 0.06 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.943 | | 0mm | 25.6 | 55.5 | -2.2 | | | | |
| | NFC | | 0.002 | | 0mm | | | | | | | |
| | GSM1900 Ant 0 | Front | 3.102 | 3.102 | 0mm | 13.9 | -82.2 | -2.25 | 143.6 | 4.05 | 0.06 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.943 | | 0mm | | | | | | | |
| | NFC | | 0.002 | | 0mm | -40.8 | 50.6 | -0.76 | | | | |
| Case 73 | GSM1900 Ant 0 | Back | 3.252 | 3.252 | 0mm | -4.5 | -71.9 | 1.45 | 120.3 | 4.10 | 0.07 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.833 | | 0mm | -29 | 45.8 | -2.79 | | | | |
| | NFC | | 0.015 | | 0mm | | | | | | | |
| | GSM1900 Ant 0 | Back | 3.252 | 3.252 | 0mm | -4.5 | -71.9 | 1.45 | 130.4 | 4.10 | 0.06 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.833 | | 0mm | | | | | | | |
| | NFC | | 0.015 | | 0mm | 29.9 | 53.9 | -0.45 | | | | |
| Case 74 | LTE Band 48 Ant 5 | Right side | 3.125 | 3.125 | 0mm | 0.8 | 57.6 | -2.65 | 89.4 | 4.15 | 0.09 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 1.022 | | 0mm | 3.4 | -31.8 | -2.97 | | | | |
| | NFC | | 0.001 | | 0mm | | | | | | | |
| | LTE Band 48 Ant 5 | Right side | 3.125 | 3.125 | 0mm | 0.8 | 57.6 | -2.65 | 106.0 | 4.15 | 0.08 | Not required |
| | WLAN2.4GHz Ant 3+8 | | 1.022 | | 0mm | | | | | | | |
| | NFC | | 0.001 | | 0mm | 3.4 | -48.4 | -2.64 | | | | |
| Case 75 | LTE Band 48 Ant 5 | Right side | 3.125 | 3.125 | 0mm | 0.8 | 57.6 | -2.65 | 106.9 | 4.07 | 0.08 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.943 | | 0mm | 4.4 | -49.2 | -2.73 | | | | |
| | NFC | | 0.001 | | 0mm | | | | | | | |
| | LTE Band 48 Ant 5 | Right side | 3.125 | 3.125 | 0mm | 0.8 | 57.6 | -2.65 | 106.0 | 4.07 | 0.08 | Not required |
| | WLAN5GHz Ant 3+8 | | 0.943 | | 0mm | | | | | | | |
| | NFC | | 0.001 | | 0mm | 3.4 | -48.4 | -2.64 | | | | |

Test Engineer : Martin Li, Varus Wang, Light Wang, Ricky Gu



18. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

19. References

- [1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”
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- [3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013
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- [5] FCC KDB 865664 D01 v01r04, “SAR Measurement Requirements for 100 MHz to 6 GHz”, Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.
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- [10] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015
- [11] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015
- [12] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015
- [13] FCC KDB 941225 D06 v02r01, “SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities”, Oct 2015.
- [14] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

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