



16.1 Head SAR

<Flip open>

| 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 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|---------------|-------------|----------|------------|---------|-----------|------|---------------|----------|---------|-------------|--------|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|
| 750MHz | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.91 | 24.00 | 1.285 | - | - | 0.07 | 0.284 | 0.365 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.84 | 24.00 | 1.306 | - | - | 0.1 | 0.241 | 0.315 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.91 | 24.00 | 1.285 | - | - | -0.17 | 0.163 | 0.210 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.84 | 24.00 | 1.306 | - | - | -0.18 | 0.139 | 0.182 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.91 | 24.00 | 1.285 | - | - | -0.19 | 0.245 | 0.315 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.84 | 24.00 | 1.306 | - | - | -0.01 | 0.209 | 0.273 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.91 | 24.00 | 1.285 | - | - | -0.18 | 0.124 | 0.159 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 133322 | 683 | 22.84 | 24.00 | 1.306 | - | - | -0.13 | 0.106 | 0.138 |
| 01 | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.15 | 20.30 | 1.303 | - | - | 0.05 | 0.709 | 0.924 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.10 | 20.30 | 1.318 | - | - | 0.04 | 0.621 | 0.819 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.06 | 20.30 | 1.330 | - | - | -0.02 | 0.630 | 0.838 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.15 | 20.30 | 1.303 | - | - | 0.18 | 0.222 | 0.289 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.10 | 20.30 | 1.318 | - | - | 0.03 | 0.214 | 0.282 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.15 | 20.30 | 1.303 | - | - | 0.07 | 0.287 | 0.374 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.10 | 20.30 | 1.318 | - | - | -0.03 | 0.265 | 0.349 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.15 | 20.30 | 1.303 | - | - | -0.06 | 0.138 | 0.180 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 133322 | 683 | 19.10 | 20.30 | 1.318 | - | - | 0.01 | 0.135 | 0.178 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.64 | 24.00 | 1.368 | - | - | 0.03 | 0.237 | 0.324 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.58 | 24.00 | 1.387 | - | - | -0.02 | 0.180 | 0.250 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.64 | 24.00 | 1.368 | - | - | 0.06 | 0.139 | 0.190 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.58 | 24.00 | 1.387 | - | - | -0.09 | 0.127 | 0.176 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.64 | 24.00 | 1.368 | - | - | -0.19 | 0.192 | 0.263 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.58 | 24.00 | 1.387 | - | - | -0.15 | 0.160 | 0.222 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.64 | 24.00 | 1.368 | - | - | -0.12 | 0.133 | 0.182 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 23095 | 707.5 | 22.58 | 24.00 | 1.387 | - | - | -0.04 | 0.101 | 0.140 |
| 02 | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.81 | 19.90 | 1.285 | - | - | 0.07 | 0.719 | 0.924 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.78 | 19.90 | 1.294 | - | - | 0.03 | 0.613 | 0.793 |
| | LTE Band 12 | 10M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.80 | 19.90 | 1.288 | - | - | -0.18 | 0.613 | 0.790 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.81 | 19.90 | 1.285 | - | - | 0.18 | 0.261 | 0.335 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.78 | 19.90 | 1.294 | - | - | 0.19 | 0.222 | 0.287 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.81 | 19.90 | 1.285 | - | - | 0.09 | 0.370 | 0.476 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.78 | 19.90 | 1.294 | - | - | -0.18 | 0.317 | 0.410 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.81 | 19.90 | 1.285 | - | - | -0.06 | 0.154 | 0.198 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 23095 | 707.5 | 18.78 | 19.90 | 1.294 | - | - | 0.02 | 0.133 | 0.172 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.76 | 24.00 | 1.330 | - | - | -0.01 | 0.191 | 0.254 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.71 | 24.00 | 1.346 | - | - | 0.08 | 0.174 | 0.234 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.76 | 24.00 | 1.330 | - | - | -0.16 | 0.109 | 0.145 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.71 | 24.00 | 1.346 | - | - | 0.17 | 0.121 | 0.163 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.76 | 24.00 | 1.330 | - | - | 0.07 | 0.157 | 0.209 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.71 | 24.00 | 1.346 | - | - | 0.05 | 0.166 | 0.223 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.76 | 24.00 | 1.330 | - | - | 0.04 | 0.096 | 0.128 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 23230 | 782 | 22.71 | 24.00 | 1.346 | - | - | -0.14 | 0.104 | 0.140 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.21 | 20.20 | 1.256 | - | - | 0.13 | 0.708 | 0.889 |
| 03 | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.11 | 20.20 | 1.285 | - | - | 0.05 | 0.727 | 0.934 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 18.95 | 20.20 | 1.334 | - | - | 0.08 | 0.686 | 0.915 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.21 | 20.20 | 1.256 | - | - | 0.02 | 0.228 | 0.286 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.11 | 20.20 | 1.285 | - | - | 0.08 | 0.227 | 0.292 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.21 | 20.20 | 1.256 | - | - | 0.06 | 0.373 | 0.468 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.11 | 20.20 | 1.285 | - | - | 0.16 | 0.385 | 0.495 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|-------------|-----|------|----|----|---------------|--------------|-----|-------|-------|--------|-------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.21 | 20.20 | 1.256 | - | - | 0.05 | 0.150 | 0.188 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 23230 | 782 | 19.11 | 20.20 | 1.285 | - | - | -0.02 | 0.148 | 0.190 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.83 | 24.00 | 1.309 | - | - | 0.08 | 0.242 | 0.317 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.78 | 24.00 | 1.324 | - | - | 0.08 | 0.217 | 0.287 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.83 | 24.00 | 1.309 | - | - | 0.03 | 0.165 | 0.216 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.78 | 24.00 | 1.324 | - | - | 0.04 | 0.149 | 0.197 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.83 | 24.00 | 1.309 | - | - | 0.18 | 0.216 | 0.283 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.78 | 24.00 | 1.324 | - | - | 0.1 | 0.192 | 0.254 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.83 | 24.00 | 1.309 | - | - | 0.09 | 0.139 | 0.182 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 23330 | 793 | 22.78 | 24.00 | 1.324 | - | - | 0.05 | 0.122 | 0.162 |
| 04 | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.23 | 19.40 | 1.309 | - | - | 0.09 | 0.709 | 0.928 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.21 | 19.40 | 1.315 | - | - | -0.13 | 0.584 | 0.768 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.13 | 19.40 | 1.340 | - | - | -0.11 | 0.587 | 0.786 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.23 | 19.40 | 1.309 | - | - | 0.08 | 0.225 | 0.295 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.21 | 19.40 | 1.315 | - | - | -0.06 | 0.189 | 0.249 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.23 | 19.40 | 1.309 | - | - | -0.12 | 0.364 | 0.477 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.21 | 19.40 | 1.315 | - | - | 0.09 | 0.300 | 0.395 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.23 | 19.40 | 1.309 | - | - | 0.04 | 0.149 | 0.195 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 23330 | 793 | 18.21 | 19.40 | 1.315 | - | - | 0.01 | 0.125 | 0.164 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.37 | 24.00 | 1.156 | - | - | 0.04 | 0.099 | 0.114 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.32 | 24.00 | 1.169 | - | - | -0.05 | 0.129 | 0.151 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.37 | 24.00 | 1.156 | - | - | 0.08 | 0.059 | 0.068 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.32 | 24.00 | 1.169 | - | - | 0.06 | 0.089 | 0.104 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.37 | 24.00 | 1.156 | - | - | -0.01 | 0.094 | 0.109 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.32 | 24.00 | 1.169 | - | - | 0.04 | 0.114 | 0.133 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.37 | 24.00 | 1.156 | - | - | 0.02 | 0.053 | 0.061 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 141500 | 707.5 | 23.32 | 24.00 | 1.169 | - | - | 0.05 | 0.079 | 0.092 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.51 | 21.30 | 1.199 | - | - | 0.06 | 0.536 | 0.643 |
| 05 | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.41 | 21.30 | 1.227 | - | - | 0.03 | 0.649 | 0.797 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.51 | 21.30 | 1.199 | - | - | -0.07 | 0.200 | 0.240 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.41 | 21.30 | 1.227 | - | - | 0.02 | 0.211 | 0.259 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.51 | 21.30 | 1.199 | - | - | -0.04 | 0.214 | 0.257 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.41 | 21.30 | 1.227 | - | - | 0.08 | 0.248 | 0.304 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.51 | 21.30 | 1.199 | - | - | 0.01 | 0.113 | 0.136 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 141500 | 707.5 | 20.41 | 21.30 | 1.227 | - | - | -0.03 | 0.124 | 0.152 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.51 | 24.00 | 1.119 | - | - | 0.02 | 0.140 | 0.157 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.40 | 24.00 | 1.148 | - | - | -0.09 | 0.141 | 0.162 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.51 | 24.00 | 1.119 | - | - | -0.04 | 0.112 | 0.125 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.40 | 24.00 | 1.148 | - | - | -0.16 | 0.106 | 0.122 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.51 | 24.00 | 1.119 | - | - | 0.08 | 0.133 | 0.149 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.40 | 24.00 | 1.148 | - | - | 0.1 | 0.131 | 0.150 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.51 | 24.00 | 1.119 | - | - | -0.15 | 0.085 | 0.095 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 158600 | 793 | 23.40 | 24.00 | 1.148 | - | - | -0.04 | 0.088 | 0.101 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.49 | 21.50 | 1.262 | - | - | 0.06 | 0.671 | 0.847 |
| 06 | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.28 | 21.50 | 1.324 | - | - | -0.1 | 0.696 | 0.922 |
| | FR1 n14 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.21 | 21.50 | 1.346 | - | - | 0.03 | 0.547 | 0.736 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.49 | 21.50 | 1.262 | - | - | 0.04 | 0.243 | 0.307 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.28 | 21.50 | 1.324 | - | - | 0.05 | 0.226 | 0.299 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.49 | 21.50 | 1.262 | - | - | 0.17 | 0.293 | 0.370 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.28 | 21.50 | 1.324 | - | - | -0.08 | 0.319 | 0.422 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.49 | 21.50 | 1.262 | - | - | -0.16 | 0.159 | 0.201 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 158600 | 793 | 20.28 | 21.50 | 1.324 | - | - | 0.07 | 0.155 | 0.205 |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.62 | 24.00 | 1.091 | - | - | 0.18 | 0.142 | 0.155 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.58 | 24.00 | 1.102 | - | - | -0.16 | 0.131 | 0.144 |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.62 | 24.00 | 1.091 | - | - | -0.16 | 0.088 | 0.096 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.58 | 24.00 | 1.102 | - | - | 0.02 | 0.078 | 0.086 |



FCC SAR Test Report

Report No. : FA340401-01

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|---------------|-------------|-----|------|-----|----|-------------------|--------------|-----|-------|-------|-------------|-------------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.62 | 24.00 | 1.091 | - | - | 0.08 | 0.146 | 0.159 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.58 | 24.00 | 1.102 | - | - | 0.07 | 0.130 | 0.143 |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.62 | 24.00 | 1.091 | - | - | 0.09 | 0.082 | 0.089 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 136100 | 680.5 | 23.58 | 24.00 | 1.102 | - | - | 0.04 | 0.080 | 0.088 |
| 07 | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.55 | 22.80 | 1.334 | - | - | -0.04 | 0.684 | 0.912 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.52 | 22.80 | 1.343 | - | - | 0.05 | 0.662 | 0.889 |
| | FR1 n71 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.44 | 22.80 | 1.368 | - | - | 0.01 | 0.612 | 0.837 |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.55 | 22.80 | 1.334 | - | - | 0.07 | 0.270 | 0.360 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.52 | 22.80 | 1.343 | - | - | 0.15 | 0.308 | 0.414 |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.55 | 22.80 | 1.334 | - | - | 0.07 | 0.304 | 0.405 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.52 | 22.80 | 1.343 | - | - | 0.04 | 0.277 | 0.372 |
| | FR1 n71 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.55 | 22.80 | 1.334 | - | - | 0.08 | 0.175 | 0.233 |
| | FR1 n71 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 136100 | 680.5 | 21.52 | 22.80 | 1.343 | - | - | 0.06 | 0.177 | 0.238 |
| 835MHz | | | | | | | | | | | | | | | | | | | | |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 0 | DSI 2 | 189 | 836.4 | 28.23 | 29.50 | 1.340 | - | - | 0.02 | 0.165 | 0.221 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 0 | DSI 2 | 128 | 824.2 | 28.20 | 29.50 | 1.349 | - | - | -0.09 | 0.155 | 0.209 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 0 | DSI 2 | 251 | 848.8 | 28.16 | 29.50 | 1.361 | - | - | -0.17 | 0.146 | 0.199 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Tilted | 0mm | Ant 0 | DSI 2 | 189 | 836.4 | 28.23 | 29.50 | 1.340 | - | - | 0.06 | 0.072 | 0.096 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 0 | DSI 2 | 189 | 836.4 | 28.23 | 29.50 | 1.340 | - | - | 0.02 | 0.092 | 0.123 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Tilted | 0mm | Ant 0 | DSI 2 | 189 | 836.4 | 28.23 | 29.50 | 1.340 | - | - | 0.02 | 0.066 | 0.088 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 1 | DSI 2 | 189 | 836.4 | 24.22 | 25.10 | 1.225 | - | - | 0.05 | 0.558 | 0.683 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 1 | DSI 2 | 128 | 824.2 | 24.18 | 25.10 | 1.236 | - | - | 0.01 | 0.683 | 0.844 |
| 08 | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 1 | DSI 2 | 251 | 848.8 | 24.07 | 25.10 | 1.268 | - | - | 0.13 | 0.737 | 0.934 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Tilted | 0mm | Ant 1 | DSI 2 | 189 | 836.4 | 24.22 | 25.10 | 1.225 | - | - | 0.06 | 0.155 | 0.190 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 1 | DSI 2 | 189 | 836.4 | 24.22 | 25.10 | 1.225 | - | - | 0.02 | 0.271 | 0.332 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Tilted | 0mm | Ant 1 | DSI 2 | 189 | 836.4 | 24.22 | 25.10 | 1.225 | - | - | 0.07 | 0.120 | 0.147 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 0 | DSI 2 | 4182 | 836.4 | 24.39 | 25.00 | 1.151 | - | - | 0.06 | 0.236 | 0.272 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 0 | DSI 2 | 4132 | 826.4 | 24.32 | 25.00 | 1.169 | - | - | 0.16 | 0.200 | 0.234 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 0 | DSI 2 | 4233 | 846.6 | 24.27 | 25.00 | 1.183 | - | - | 0.06 | 0.260 | 0.308 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 0 | DSI 2 | 4182 | 836.4 | 24.39 | 25.00 | 1.151 | - | - | 0.06 | 0.144 | 0.166 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 0 | DSI 2 | 4182 | 836.4 | 24.39 | 25.00 | 1.151 | - | - | 0.03 | 0.199 | 0.229 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 0 | DSI 2 | 4182 | 836.4 | 24.39 | 25.00 | 1.151 | - | - | 0.02 | 0.124 | 0.143 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 4182 | 836.4 | 18.83 | 19.90 | 1.279 | - | - | 0.04 | 0.625 | 0.800 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 4132 | 826.4 | 18.76 | 19.90 | 1.300 | - | - | 0.17 | 0.655 | 0.852 |
| 09 | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 4233 | 846.6 | 18.82 | 19.90 | 1.282 | - | - | -0.03 | 0.713 | 0.914 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 1 | DSI 2 | 4182 | 836.4 | 18.83 | 19.90 | 1.279 | - | - | 0.08 | 0.169 | 0.216 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 1 | DSI 2 | 4182 | 836.4 | 18.83 | 19.90 | 1.279 | - | - | 0.02 | 0.448 | 0.573 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 1 | DSI 2 | 4182 | 836.4 | 18.83 | 19.90 | 1.279 | - | - | -0.16 | 0.117 | 0.150 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.68 | 24.00 | 1.355 | - | - | 0.04 | 0.237 | 0.321 |
| | LTE Band 5B | 10M | QPSK | 1 | 49 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 20476+20575 | 831.6+841.5 | 22.45 | 24.00 | 1.429 | - | - | 0.09 | 0.214 | 0.306 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.64 | 24.00 | 1.368 | - | - | -0.06 | 0.221 | 0.302 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.68 | 24.00 | 1.355 | - | - | 0.05 | 0.131 | 0.178 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.64 | 24.00 | 1.368 | - | - | 0.02 | 0.129 | 0.176 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.68 | 24.00 | 1.355 | - | - | -0.16 | 0.197 | 0.267 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.64 | 24.00 | 1.368 | - | - | 0.04 | 0.188 | 0.257 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.68 | 24.00 | 1.355 | - | - | 0.06 | 0.110 | 0.149 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 26865 | 831.5 | 22.64 | 24.00 | 1.368 | - | - | -0.17 | 0.103 | 0.141 |
| 10 | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.91 | 18.70 | 1.199 | - | - | -0.01 | 0.762 | 0.914 |
| | LTE Band 5B | 10M | QPSK | 1 | 49 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 20476+20575 | 831.6+841.5 | 17.88 | 18.70 | 1.208 | - | - | 0.06 | 0.694 | 0.838 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.90 | 18.70 | 1.202 | - | - | 0.04 | 0.659 | 0.792 |
| | LTE Band 26 | 15M | QPSK | 75 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.86 | 18.70 | 1.213 | - | - | 0.05 | 0.659 | 0.800 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.91 | 18.70 | 1.199 | - | - | 0.16 | 0.232 | 0.278 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.90 | 18.70 | 1.202 | - | - | -0.14 | 0.197 | 0.237 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.91 | 18.70 | 1.199 | - | - | 0.17 | 0.430 | 0.516 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.90 | 18.70 | 1.202 | - | - | -0.15 | 0.388 | 0.466 |



FCC SAR Test Report

Report No. : FA340401-01

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|----------------|-------------------------|-----|------|----|----|---------------|--------------|-----|-------|-------|-------------------|-----------------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.91 | 18.70 | 1.199 | - | - | 0.09 | 0.162 | 0.194 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 26865 | 831.5 | 17.90 | 18.70 | 1.202 | - | - | 0.02 | 0.140 | 0.168 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.39 | 24.00 | 1.151 | - | - | 0.18 | 0.150 | 0.173 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.29 | 24.00 | 1.178 | - | - | 0.18 | 0.183 | 0.216 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.39 | 24.00 | 1.151 | - | - | -0.1 | 0.090 | 0.104 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.29 | 24.00 | 1.178 | - | - | 0.09 | 0.112 | 0.132 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.39 | 24.00 | 1.151 | - | - | 0.09 | 0.126 | 0.145 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.29 | 24.00 | 1.178 | - | - | 0.18 | 0.153 | 0.180 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.39 | 24.00 | 1.151 | - | - | 0.03 | 0.079 | 0.091 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 166300 | 831.5 | 23.29 | 24.00 | 1.178 | - | - | 0.06 | 0.095 | 0.112 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.44 | 20.10 | 1.164 | - | - | -0.01 | 0.510 | 0.594 |
| 11 | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.26 | 20.10 | 1.213 | - | - | -0.06 | 0.637 | 0.773 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.44 | 20.10 | 1.164 | - | - | -0.01 | 0.154 | 0.179 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.26 | 20.10 | 1.213 | - | - | 0.06 | 0.184 | 0.223 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.44 | 20.10 | 1.164 | - | - | -0.09 | 0.260 | 0.303 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.26 | 20.10 | 1.213 | - | - | 0.16 | 0.273 | 0.331 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.44 | 20.10 | 1.164 | - | - | -0.05 | 0.112 | 0.130 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 166300 | 831.5 | 19.26 | 20.10 | 1.213 | - | - | -0.18 | 0.124 | 0.150 |
| 1750MHz | | | | | | | | | | | | | | | | | | | | |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 0 | DSI 2 | 1413 | 1732.6 | 22.89 | 24.00 | 1.291 | - | - | 0.08 | 0.178 | 0.230 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 0 | DSI 2 | 1413 | 1732.6 | 22.89 | 24.00 | 1.291 | - | - | -0.08 | 0.075 | 0.097 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 0 | DSI 2 | 1413 | 1732.6 | 22.89 | 24.00 | 1.291 | - | - | 0.13 | 0.105 | 0.136 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 0 | DSI 2 | 1413 | 1732.6 | 22.89 | 24.00 | 1.291 | - | - | 0.03 | 0.086 | 0.111 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 1413 | 1732.6 | 15.63 | 16.50 | 1.222 | - | - | -0.17 | 0.614 | 0.750 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 1312 | 1712.4 | 15.58 | 16.50 | 1.236 | - | - | 0.06 | 0.674 | 0.833 |
| 12 | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 1513 | 1752.6 | 15.55 | 16.50 | 1.245 | - | - | 0.18 | 0.736 | 0.916 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 1 | DSI 2 | 1413 | 1732.6 | 15.63 | 16.50 | 1.222 | - | - | 0.08 | 0.076 | 0.093 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 1 | DSI 2 | 1413 | 1732.6 | 15.63 | 16.50 | 1.222 | - | - | -0.05 | 0.501 | 0.612 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 1 | DSI 2 | 1413 | 1732.6 | 15.63 | 16.50 | 1.222 | - | - | 0.02 | 0.056 | 0.068 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 2 | DSI 2 | 1413 | 1732.6 | 23.30 | 24.00 | 1.175 | - | - | -0.16 | 0.194 | 0.228 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 2 | DSI 2 | 1413 | 1732.6 | 23.30 | 24.00 | 1.175 | - | - | 0.05 | 0.093 | 0.109 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 2 | DSI 2 | 1413 | 1732.6 | 23.30 | 24.00 | 1.175 | - | - | 0.04 | 0.126 | 0.148 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 2 | DSI 2 | 1413 | 1732.6 | 23.30 | 24.00 | 1.175 | - | - | -0.06 | 0.113 | 0.133 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 3 | DSI 2 | 1413 | 1732.6 | 17.08 | 17.80 | 1.180 | - | - | 0.02 | 0.514 | 0.607 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 3 | DSI 2 | 1413 | 1732.6 | 17.08 | 17.80 | 1.180 | - | - | 0.11 | 0.632 | 0.746 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 3 | DSI 2 | 1413 | 1732.6 | 17.08 | 17.80 | 1.180 | - | - | -0.18 | 0.711 | 0.839 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 3 | DSI 2 | 1312 | 1712.4 | 17.03 | 17.80 | 1.194 | - | - | -0.1 | 0.696 | 0.831 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 3 | DSI 2 | 1513 | 1752.6 | 16.95 | 17.80 | 1.216 | - | - | 0.04 | 0.713 | 0.867 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 3 | DSI 2 | 1413 | 1732.6 | 17.08 | 17.80 | 1.180 | - | - | 0.03 | 0.632 | 0.746 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.26 | 24.00 | 1.186 | - | - | 0.04 | 0.204 | 0.242 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.26 | 24.00 | 1.186 | - | - | 0.1 | 0.169 | 0.200 |
| | LTE Band 66C | 20M | QPSK | 1 | 99 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 132322+ 132520 | 1745+ 1764.8 | 22.92 | 24.00 | 1.282 | - | - | 0.01 | 0.154 | 0.197 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.18 | 24.00 | 1.208 | - | - | 0.01 | 0.175 | 0.211 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.26 | 24.00 | 1.186 | - | - | 0.09 | 0.083 | 0.098 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.18 | 24.00 | 1.208 | - | - | 0.04 | 0.070 | 0.085 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.26 | 24.00 | 1.186 | - | - | 0.02 | 0.113 | 0.134 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.18 | 24.00 | 1.208 | - | - | 0.04 | 0.100 | 0.121 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.26 | 24.00 | 1.186 | - | - | 0.08 | 0.100 | 0.119 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 132322 | 1745 | 23.18 | 24.00 | 1.208 | - | - | -0.17 | 0.085 | 0.103 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.62 | 15.70 | 1.282 | - | - | -0.18 | 0.631 | 0.809 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132072 | 1720 | 14.51 | 15.70 | 1.315 | - | - | 0.1 | 0.487 | 0.641 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132572 | 1770 | 14.57 | 15.70 | 1.297 | - | - | 0.07 | 0.703 | 0.912 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132572 | 1770 | 14.70 | 15.70 | 1.259 | - | - | 0.06 | 0.587 | 0.739 |
| | LTE Band 66C | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132572+ 132374 | 1770+ 1750.2 | 14.35 | 15.70 | 1.365 | - | - | 0.01 | 0.614 | 0.838 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.50 | 15.70 | 1.318 | - | - | 0.03 | 0.529 | 0.697 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|----------------------|-----|------|-----|----|---------------|--------------|-----|-------|-------|---------------|-------------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.34 | 15.70 | 1.368 | - | - | 0.07 | 0.524 | 0.717 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.62 | 15.70 | 1.282 | - | - | 0.04 | 0.082 | 0.105 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.50 | 15.70 | 1.318 | - | - | -0.18 | 0.069 | 0.091 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.62 | 15.70 | 1.282 | - | - | -0.01 | 0.480 | 0.616 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.50 | 15.70 | 1.318 | - | - | 0.08 | 0.405 | 0.534 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.62 | 15.70 | 1.282 | - | - | 0.15 | 0.060 | 0.077 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 132322 | 1745 | 14.50 | 15.70 | 1.318 | - | - | 0.04 | 0.052 | 0.069 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 23.12 | 24.00 | 1.225 | - | - | 0.04 | 0.220 | 0.269 |
| | LTE Band 66 Main PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 21.93 | 23.00 | 1.279 | - | - | -0.12 | 0.158 | 0.202 |
| | LTE Band 66C | 20M | QPSK | 1 | 99 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 132322+132520 | 1745+1764.8 | 21.38 | 23.00 | 1.452 | - | - | 0.03 | 0.111 | 0.161 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 22.80 | 24.00 | 1.318 | - | - | 0.07 | 0.179 | 0.236 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 23.12 | 24.00 | 1.225 | - | - | 0.15 | 0.089 | 0.109 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 22.80 | 24.00 | 1.318 | - | - | -0.01 | 0.075 | 0.099 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 23.12 | 24.00 | 1.225 | - | - | 0.08 | 0.124 | 0.152 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 22.80 | 24.00 | 1.318 | - | - | 0.02 | 0.106 | 0.140 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 23.12 | 24.00 | 1.225 | - | - | -0.17 | 0.096 | 0.118 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 132322 | 1745 | 22.80 | 24.00 | 1.318 | - | - | 0.11 | 0.082 | 0.108 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 16.03 | 17.20 | 1.309 | - | - | 0.08 | 0.473 | 0.619 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 15.95 | 17.20 | 1.334 | - | - | -0.18 | 0.424 | 0.565 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 16.03 | 17.20 | 1.309 | - | - | 0.09 | 0.541 | 0.708 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 15.95 | 17.20 | 1.334 | - | - | 0.1 | 0.461 | 0.615 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 16.03 | 17.20 | 1.309 | - | - | 0.15 | 0.683 | 0.894 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132072 | 1720 | 15.82 | 17.20 | 1.374 | - | - | 0.14 | 0.557 | 0.765 |
| 13 | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132572 | 1770 | 15.98 | 17.20 | 1.324 | - | - | 0.04 | 0.702 | 0.930 |
| | LTE Band 66C | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132572+132374 | 1770+1750.2 | 15.88 | 17.20 | 1.355 | - | - | 0.03 | 0.654 | 0.886 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132572 | 1770 | 16.28 | 17.20 | 1.236 | - | - | 0.1 | 0.654 | 0.808 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 15.95 | 17.20 | 1.334 | - | - | -0.16 | 0.416 | 0.555 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 15.79 | 17.20 | 1.384 | - | - | 0.06 | 0.533 | 0.737 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 16.03 | 17.20 | 1.309 | - | - | 0.02 | 0.541 | 0.708 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 132322 | 1745 | 15.95 | 17.20 | 1.334 | - | - | -0.03 | 0.461 | 0.615 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.51 | 24.00 | 1.119 | - | - | 0.02 | 0.222 | 0.249 |
| | FR1 n66 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 22.53 | 23.00 | 1.114 | - | - | 0.01 | 0.002 | 0.002 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.25 | 24.00 | 1.189 | - | - | 0.02 | 0.196 | 0.233 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.51 | 24.00 | 1.119 | - | - | 0.06 | 0.082 | 0.092 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.25 | 24.00 | 1.189 | - | - | 0.09 | 0.088 | 0.105 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.51 | 24.00 | 1.119 | - | - | 0.1 | 0.142 | 0.159 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.25 | 24.00 | 1.189 | - | - | 0.05 | 0.136 | 0.162 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.51 | 24.00 | 1.119 | - | - | 0.04 | 0.109 | 0.122 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 349000 | 1745 | 23.25 | 24.00 | 1.189 | - | - | 0.03 | 0.114 | 0.135 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 16.20 | 17.00 | 1.202 | - | - | 0.03 | 0.535 | 0.643 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 15.94 | 17.00 | 1.276 | - | - | 0.07 | 0.643 | 0.821 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 15.99 | 17.00 | 1.262 | - | - | 0.01 | 0.554 | 0.699 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 15.90 | 17.00 | 1.288 | - | - | 0.02 | 0.421 | 0.542 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 16.20 | 17.00 | 1.202 | - | - | 0.1 | 0.083 | 0.100 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 15.94 | 17.00 | 1.276 | - | - | 0.05 | 0.088 | 0.112 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 16.20 | 17.00 | 1.202 | - | - | -0.14 | 0.293 | 0.352 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 15.94 | 17.00 | 1.276 | - | - | -0.11 | 0.426 | 0.544 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 16.20 | 17.00 | 1.202 | - | - | 0.06 | 0.049 | 0.059 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 349000 | 1745 | 15.94 | 17.00 | 1.276 | - | - | -0.05 | 0.057 | 0.073 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 23.03 | 24.00 | 1.250 | - | - | 0.03 | 0.145 | 0.181 |
| | FR1 n66 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 22.14 | 23.00 | 1.219 | - | - | 0.03 | 0.133 | 0.162 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 22.92 | 24.00 | 1.282 | - | - | 0.05 | 0.119 | 0.153 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 23.03 | 24.00 | 1.250 | - | - | 0.05 | 0.069 | 0.086 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 22.92 | 24.00 | 1.282 | - | - | 0.04 | 0.063 | 0.081 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 23.03 | 24.00 | 1.250 | - | - | 0.01 | 0.103 | 0.129 |



FCC SAR Test Report

Report No. : FA340401-01

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|----------------|-----------------|-----|------|-----|----|-------------------|--------------|-----|-------|-------|--------|--------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 22.92 | 24.00 | 1.282 | - | - | -0.09 | 0.084 | 0.108 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 23.03 | 24.00 | 1.250 | - | - | 0.05 | 0.086 | 0.108 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 349000 | 1745 | 22.92 | 24.00 | 1.282 | - | - | 0.14 | 0.066 | 0.085 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.65 | 17.60 | 1.245 | - | - | 0.04 | 0.511 | 0.636 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.55 | 17.60 | 1.274 | - | - | 0.06 | 0.503 | 0.641 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.65 | 17.60 | 1.245 | - | - | -0.11 | 0.560 | 0.697 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.55 | 17.60 | 1.274 | - | - | 0.03 | 0.555 | 0.707 |
| 14 | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.65 | 17.60 | 1.245 | - | - | 0.13 | 0.748 | 0.931 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.55 | 17.60 | 1.274 | - | - | 0.06 | 0.691 | 0.880 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.49 | 17.60 | 1.291 | - | - | -0.01 | 0.715 | 0.923 |
| | FR1 n66 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.56 | 17.60 | 1.271 | - | - | 0.13 | 0.717 | 0.911 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.65 | 17.60 | 1.245 | - | - | 0.04 | 0.586 | 0.729 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 349000 | 1745 | 16.55 | 17.60 | 1.274 | - | - | -0.04 | 0.591 | 0.753 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.91 | 23.00 | 1.285 | - | - | -0.06 | 0.002 | 0.003 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.81 | 23.00 | 1.315 | - | - | 0.07 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.91 | 23.00 | 1.285 | - | - | 0.08 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.81 | 23.00 | 1.315 | - | - | -0.16 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.91 | 23.00 | 1.285 | - | - | 0.06 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.81 | 23.00 | 1.315 | - | - | 0.12 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.91 | 23.00 | 1.285 | - | - | 0.04 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 340500 | 1702.5 | 21.81 | 23.00 | 1.315 | - | - | -0.05 | 0.001 | 0.001 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.71 | 15.60 | 1.227 | - | - | 0.14 | 0.513 | 0.630 |
| 15 | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.65 | 15.60 | 1.245 | - | - | 0.1 | 0.742 | 0.923 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.62 | 15.60 | 1.253 | - | - | 0.02 | 0.638 | 0.800 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.71 | 15.60 | 1.227 | - | - | 0.08 | 0.068 | 0.083 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.65 | 15.60 | 1.245 | - | - | 0.04 | 0.105 | 0.131 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.71 | 15.60 | 1.227 | - | - | -0.11 | 0.415 | 0.509 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.65 | 15.60 | 1.245 | - | - | 0.13 | 0.583 | 0.726 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.71 | 15.60 | 1.227 | - | - | 0.04 | 0.047 | 0.058 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 340500 | 1702.5 | 14.65 | 15.60 | 1.245 | - | - | 0.05 | 0.069 | 0.086 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.29 | 23.00 | 1.178 | - | - | -0.03 | 0.112 | 0.132 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.23 | 23.00 | 1.194 | - | - | 0.06 | 0.142 | 0.170 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.29 | 23.00 | 1.178 | - | - | -0.18 | 0.049 | 0.058 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.23 | 23.00 | 1.194 | - | - | 0.04 | 0.000 | 0.000 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.29 | 23.00 | 1.178 | - | - | 0.07 | 0.069 | 0.081 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.23 | 23.00 | 1.194 | - | - | -0.05 | 0.090 | 0.107 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.29 | 23.00 | 1.178 | - | - | 0.03 | 0.069 | 0.081 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 340500 | 1702.5 | 22.23 | 23.00 | 1.194 | - | - | 0.15 | 0.061 | 0.073 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.23 | 24.00 | 1.194 | - | - | 0.11 | 0.547 | 0.653 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.13 | 24.00 | 1.222 | - | - | -0.09 | 0.557 | 0.681 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.23 | 24.00 | 1.194 | - | - | -0.07 | 0.628 | 0.750 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.13 | 24.00 | 1.222 | - | - | 0.18 | 0.658 | 0.804 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.10 | 24.00 | 1.230 | - | - | 0.07 | 0.648 | 0.797 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.23 | 24.00 | 1.194 | - | - | -0.16 | 0.726 | 0.867 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.13 | 24.00 | 1.222 | - | - | 0.06 | 0.732 | 0.894 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.10 | 24.00 | 1.230 | - | - | 0.06 | 0.739 | 0.909 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.23 | 24.00 | 1.194 | - | - | 0.04 | 0.638 | 0.762 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.13 | 24.00 | 1.222 | - | - | 0.03 | 0.675 | 0.825 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 340500 | 1702.5 | 23.10 | 24.00 | 1.230 | - | - | 0.06 | 0.675 | 0.830 |
| 1900MHz | | | | | | | | | | | | | | | | | | | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 0 | DSI 2 | 661 | 1880 | 26.21 | 27.00 | 1.199 | - | - | 0.03 | 0.101 | 0.121 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Tilted | 0mm | Ant 0 | DSI 2 | 661 | 1880 | 26.21 | 27.00 | 1.199 | - | - | 0.12 | 0.098 | 0.118 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 0 | DSI 2 | 661 | 1880 | 26.21 | 27.00 | 1.199 | - | - | -0.15 | 0.051 | 0.061 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Tilted | 0mm | Ant 0 | DSI 2 | 661 | 1880 | 26.21 | 27.00 | 1.199 | - | - | -0.13 | 0.044 | 0.053 |
| 16 | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 1 | DSI 2 | 661 | 1880 | 19.84 | 21.00 | 1.306 | - | - | 0.03 | 0.712 | 0.930 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 1 | DSI 2 | 512 | 1850.2 | 19.71 | 21.00 | 1.346 | - | - | 0.18 | 0.651 | 0.876 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|------------------------|-----|------|-----|---|-------------------|--------------|-----|-------|-------|-------|--------|-------|-------|-------|---|---|-------|-------|-------|
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 1 | DSI 2 | 810 | 1909.8 | 19.81 | 21.00 | 1.315 | - | - | 0.12 | 0.439 | 0.577 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Tilted | 0mm | Ant 1 | DSI 2 | 661 | 1880 | 19.84 | 21.00 | 1.306 | - | - | 0.04 | 0.098 | 0.128 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 1 | DSI 2 | 661 | 1880 | 19.84 | 21.00 | 1.306 | - | - | -0.03 | 0.429 | 0.560 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Tilted | 0mm | Ant 1 | DSI 2 | 661 | 1880 | 19.84 | 21.00 | 1.306 | - | - | 0.07 | 0.072 | 0.094 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 2 | DSI 2 | 661 | 1880 | 26.59 | 27.50 | 1.233 | - | - | 0.06 | 0.128 | 0.158 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Tilted | 0mm | Ant 2 | DSI 2 | 661 | 1880 | 26.59 | 27.50 | 1.233 | - | - | -0.13 | 0.000 | 0.000 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 2 | DSI 2 | 661 | 1880 | 26.59 | 27.50 | 1.233 | - | - | 0.01 | 0.072 | 0.089 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Tilted | 0mm | Ant 2 | DSI 2 | 661 | 1880 | 26.59 | 27.50 | 1.233 | - | - | 0.03 | 0.050 | 0.062 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Cheek | 0mm | Ant 3 | DSI 2 | 661 | 1880 | 22.54 | 23.60 | 1.276 | - | - | 0.03 | 0.458 | 0.585 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Tilted | 0mm | Ant 3 | DSI 2 | 661 | 1880 | 22.54 | 23.60 | 1.276 | - | - | 0.03 | 0.522 | 0.666 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 3 | DSI 2 | 661 | 1880 | 22.54 | 23.60 | 1.276 | - | - | -0.03 | 0.650 | 0.830 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 3 | DSI 2 | 512 | 1850.2 | 22.47 | 23.60 | 1.297 | - | - | 0.18 | 0.533 | 0.691 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Cheek | 0mm | Ant 3 | DSI 2 | 810 | 1909.8 | 22.49 | 23.60 | 1.291 | - | - | -0.06 | 0.719 | 0.928 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Tilted | 0mm | Ant 3 | DSI 2 | 661 | 1880 | 22.54 | 23.60 | 1.276 | - | - | -0.08 | 0.566 | 0.722 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 0 | DSI 2 | 9400 | 1880 | 22.82 | 24.00 | 1.312 | - | - | 0.08 | 0.165 | 0.217 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 0 | DSI 2 | 9400 | 1880 | 22.82 | 24.00 | 1.312 | - | - | 0.09 | 0.069 | 0.091 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 0 | DSI 2 | 9400 | 1880 | 22.82 | 24.00 | 1.312 | - | - | 0.17 | 0.095 | 0.125 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 0 | DSI 2 | 9400 | 1880 | 22.82 | 24.00 | 1.312 | - | - | 0.06 | 0.081 | 0.106 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 9400 | 1880 | 14.21 | 15.10 | 1.227 | - | - | 0.05 | 0.722 | 0.886 |
| 17 | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 9262 | 1852.4 | 14.11 | 15.10 | 1.256 | - | - | 0.08 | 0.727 | 0.913 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 1 | DSI 2 | 9538 | 1907.6 | 14.15 | 15.10 | 1.245 | - | - | 0.06 | 0.529 | 0.658 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 1 | DSI 2 | 9400 | 1880 | 14.21 | 15.10 | 1.227 | - | - | 0.05 | 0.101 | 0.124 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 1 | DSI 2 | 9400 | 1880 | 14.21 | 15.10 | 1.227 | - | - | 0.13 | 0.649 | 0.797 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 1 | DSI 2 | 9400 | 1880 | 14.21 | 15.10 | 1.227 | - | - | 0.19 | 0.081 | 0.099 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 2 | DSI 2 | 9400 | 1880 | 23.27 | 24.00 | 1.183 | - | - | -0.15 | 0.185 | 0.219 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 2 | DSI 2 | 9400 | 1880 | 23.27 | 24.00 | 1.183 | - | - | -0.07 | 0.084 | 0.099 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 2 | DSI 2 | 9400 | 1880 | 23.27 | 24.00 | 1.183 | - | - | -0.1 | 0.144 | 0.170 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 2 | DSI 2 | 9400 | 1880 | 23.27 | 24.00 | 1.183 | - | - | 0.07 | 0.107 | 0.127 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Cheek | 0mm | Ant 3 | DSI 2 | 9400 | 1880 | 16.02 | 17.00 | 1.253 | - | - | -0.08 | 0.472 | 0.591 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Tilted | 0mm | Ant 3 | DSI 2 | 9400 | 1880 | 16.02 | 17.00 | 1.253 | - | - | 0.03 | 0.553 | 0.693 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 3 | DSI 2 | 9400 | 1880 | 16.02 | 17.00 | 1.253 | - | - | 0.02 | 0.707 | 0.886 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 3 | DSI 2 | 9262 | 1852.4 | 15.89 | 17.00 | 1.291 | - | - | 0.17 | 0.668 | 0.863 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Cheek | 0mm | Ant 3 | DSI 2 | 9538 | 1907.6 | 15.99 | 17.00 | 1.262 | - | - | 0.08 | 0.701 | 0.885 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 3 | DSI 2 | 9400 | 1880 | 16.02 | 17.00 | 1.253 | - | - | -0.05 | 0.609 | 0.763 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.45 | 24.00 | 1.135 | - | - | -0.07 | 0.160 | 0.182 |
| | LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 18900 | 1880 | 23.32 | 24.00 | 1.169 | - | - | 0.03 | 0.121 | 0.142 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.37 | 24.00 | 1.156 | - | - | 0.13 | 0.132 | 0.153 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.45 | 24.00 | 1.135 | - | - | 0.04 | 0.067 | 0.076 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.37 | 24.00 | 1.156 | - | - | 0.04 | 0.057 | 0.066 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.45 | 24.00 | 1.135 | - | - | 0.05 | 0.087 | 0.099 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.37 | 24.00 | 1.156 | - | - | 0.07 | 0.075 | 0.087 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.45 | 24.00 | 1.135 | - | - | -0.06 | 0.073 | 0.083 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 26340 | 1880 | 23.37 | 24.00 | 1.156 | - | - | -0.16 | 0.060 | 0.069 |
| 18 | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.86 | 21.00 | 1.300 | - | - | 0.08 | 0.708 | 0.921 |
| | LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 18900 | 1880 | 19.97 | 21.00 | 1.268 | - | - | -0.02 | 0.685 | 0.868 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26140 | 1860 | 19.76 | 21.00 | 1.330 | - | - | -0.02 | 0.680 | 0.905 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26590 | 1905 | 19.76 | 21.00 | 1.330 | - | - | -0.12 | 0.527 | 0.701 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.80 | 21.00 | 1.318 | - | - | -0.06 | 0.598 | 0.788 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.77 | 21.00 | 1.327 | - | - | 0.07 | 0.591 | 0.784 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.86 | 21.00 | 1.300 | - | - | 0.02 | 0.098 | 0.127 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.80 | 21.00 | 1.318 | - | - | 0.08 | 0.087 | 0.115 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.86 | 21.00 | 1.300 | - | - | 0.09 | 0.567 | 0.737 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.80 | 21.00 | 1.318 | - | - | -0.09 | 0.484 | 0.638 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.86 | 21.00 | 1.300 | - | - | -0.09 | 0.076 | 0.099 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 26340 | 1880 | 19.80 | 21.00 | 1.318 | - | - | 0.04 | 0.066 | 0.087 |



FCC SAR Test Report

Report No. : FA340401-01

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|------------------------|-----|------|-----|----|---------------|--------------|-----|-------|-------|--------|--------|-------|-------|-------|---|---|-------|-------|-------|
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.84 | 23.50 | 1.466 | - | - | -0.06 | 0.165 | 0.242 |
| LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 18900 | 1880 | 23.42 | 23.50 | 1.019 | - | - | 0.18 | 0.135 | 0.138 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.77 | 23.50 | 1.489 | - | - | 0.15 | 0.160 | 0.238 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.84 | 23.50 | 1.466 | - | - | -0.15 | 0.088 | 0.129 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.77 | 23.50 | 1.489 | - | - | 0.07 | 0.076 | 0.113 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.84 | 23.50 | 1.466 | - | - | 0.11 | 0.154 | 0.226 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.77 | 23.50 | 1.489 | - | - | -0.18 | 0.131 | 0.195 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.84 | 23.50 | 1.466 | - | - | -0.06 | 0.080 | 0.117 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 26340 | 1880 | 21.77 | 23.50 | 1.489 | - | - | 0.01 | 0.073 | 0.109 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.53 | 16.10 | 1.140 | - | - | 0.08 | 0.483 | 0.551 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.38 | 16.10 | 1.180 | - | - | -0.18 | 0.468 | 0.552 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.53 | 16.10 | 1.140 | - | - | 0.14 | 0.599 | 0.683 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.38 | 16.10 | 1.180 | - | - | 0.04 | 0.521 | 0.615 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.53 | 16.10 | 1.140 | - | - | -0.17 | 0.730 | 0.832 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 26140 | 1860 | 15.36 | 16.10 | 1.186 | - | - | 0.07 | 0.699 | 0.829 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 26590 | 1905 | 15.29 | 16.10 | 1.205 | - | - | 0.01 | 0.742 | 0.894 |
| LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 19100 | 1900 | 15.71 | 16.10 | 1.094 | - | - | 0.04 | 0.666 | 0.729 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.38 | 16.10 | 1.180 | - | - | 0.03 | 0.673 | 0.794 |
| LTE Band 25 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.39 | 16.10 | 1.178 | - | - | 0.08 | 0.623 | 0.734 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.53 | 16.10 | 1.140 | - | - | -0.09 | 0.614 | 0.700 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 26340 | 1880 | 15.38 | 16.10 | 1.180 | - | - | 0.04 | 0.538 | 0.635 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 22.06 | 23.00 | 1.242 | - | - | -0.09 | 0.115 | 0.143 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 21.97 | 23.00 | 1.268 | - | - | -0.18 | 0.111 | 0.141 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 22.06 | 23.00 | 1.242 | - | - | 0.11 | 0.051 | 0.063 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 21.97 | 23.00 | 1.268 | - | - | 0.08 | 0.050 | 0.063 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 22.06 | 23.00 | 1.242 | - | - | 0.01 | 0.067 | 0.083 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 21.97 | 23.00 | 1.268 | - | - | -0.18 | 0.071 | 0.090 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 22.06 | 23.00 | 1.242 | - | - | -0.17 | 0.058 | 0.072 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 376500 | 1882.5 | 21.97 | 23.00 | 1.268 | - | - | 0.05 | 0.056 | 0.071 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.15 | 14.80 | 1.161 | - | - | 0.08 | 0.784 | 0.911 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 372000 | 1860 | 14.02 | 14.80 | 1.197 | - | - | 0.01 | 0.711 | 0.851 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 381000 | 1905 | 14.09 | 14.80 | 1.178 | - | - | 0.06 | 0.701 | 0.826 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.09 | 14.80 | 1.178 | - | - | -0.12 | 0.726 | 0.855 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 372000 | 1860 | 14.01 | 14.80 | 1.199 | - | - | 0.02 | 0.685 | 0.822 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 381000 | 1905 | 13.98 | 14.80 | 1.208 | - | - | -0.05 | 0.674 | 0.814 |
| FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.03 | 14.80 | 1.194 | - | - | -0.11 | 0.675 | 0.806 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.15 | 14.80 | 1.161 | - | - | 0.09 | 0.146 | 0.170 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.09 | 14.80 | 1.178 | - | - | -0.06 | 0.140 | 0.165 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.15 | 14.80 | 1.161 | - | - | 0.13 | 0.739 | 0.858 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 372000 | 1860 | 14.02 | 14.80 | 1.197 | - | - | 0.02 | 0.711 | 0.851 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 381000 | 1905 | 14.09 | 14.80 | 1.178 | - | - | 0.04 | 0.658 | 0.775 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.09 | 14.80 | 1.178 | - | - | 0.03 | 0.651 | 0.767 |
| FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.03 | 14.80 | 1.194 | - | - | 0.07 | 0.520 | 0.621 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.15 | 14.80 | 1.161 | - | - | -0.14 | 0.099 | 0.115 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 376500 | 1882.5 | 14.09 | 14.80 | 1.178 | - | - | 0.19 | 0.090 | 0.106 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.96 | 23.00 | 1.271 | - | - | 0.05 | 0.113 | 0.144 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.86 | 23.00 | 1.300 | - | - | -0.16 | 0.112 | 0.146 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.96 | 23.00 | 1.271 | - | - | 0.04 | 0.000 | 0.000 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.86 | 23.00 | 1.300 | - | - | -0.15 | 0.000 | 0.000 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.96 | 23.00 | 1.271 | - | - | -0.06 | 0.083 | 0.105 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.86 | 23.00 | 1.300 | - | - | 0.16 | 0.083 | 0.108 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.96 | 23.00 | 1.271 | - | - | -0.06 | 0.000 | 0.000 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 376500 | 1882.5 | 21.86 | 23.00 | 1.300 | - | - | 0.03 | 0.000 | 0.000 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.92 | 17.20 | 1.343 | - | - | 0.04 | 0.358 | 0.481 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.77 | 17.20 | 1.390 | - | - | 0.07 | 0.338 | 0.470 |



FCC SAR Test Report

Report No. : FA340401-01

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|-----------------|-----------------|------|------|-----|---------------|---------------|--------------|-------|-------|--------|--------|--------|-------|-------|-------|---|-------|-------|-------|-------|
| 19 | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.92 | 17.20 | 1.343 | - | - | 0.13 | 0.465 | 0.624 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.77 | 17.20 | 1.390 | - | - | 0.08 | 0.392 | 0.545 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.92 | 17.20 | 1.343 | - | - | 0.07 | 0.683 | 0.917 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 372000 | 1860 | 15.74 | 17.20 | 1.400 | - | - | 0.03 | 0.615 | 0.861 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 381000 | 1905 | 15.78 | 17.20 | 1.387 | - | - | 0.14 | 0.607 | 0.842 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 376000 | 1880 | 15.63 | 17.20 | 1.435 | - | - | 0.03 | 0.633 | 0.909 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.77 | 17.20 | 1.390 | - | - | 0.05 | 0.502 | 0.698 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.71 | 17.20 | 1.409 | - | - | 0.04 | 0.433 | 0.610 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.92 | 17.20 | 1.343 | - | - | -0.09 | 0.420 | 0.564 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 376500 | 1882.5 | 15.77 | 17.20 | 1.390 | - | - | 0.02 | 0.411 | 0.571 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.81 | 25.00 | 1.315 | - | - | 0.04 | 0.155 | 0.204 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.73 | 25.00 | 1.340 | - | - | 0.01 | 0.151 | 0.202 | |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.81 | 25.00 | 1.315 | - | - | -0.05 | 0.058 | 0.076 | |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.73 | 25.00 | 1.340 | - | - | -0.15 | 0.058 | 0.078 | |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.81 | 25.00 | 1.315 | - | - | 0.05 | 0.090 | 0.118 | |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.73 | 25.00 | 1.340 | - | - | 0.03 | 0.088 | 0.118 | |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.81 | 25.00 | 1.315 | - | - | 0.12 | 0.072 | 0.095 | |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 376000 | 1880 | 23.73 | 25.00 | 1.340 | - | - | 0.17 | 0.074 | 0.099 | |
| 20 | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.08 | 14.80 | 1.180 | - | - | -0.09 | 0.756 | 0.892 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 372000 | 1860 | 13.97 | 14.80 | 1.211 | - | - | -0.09 | 0.702 | 0.850 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 380000 | 1900 | 13.97 | 14.80 | 1.211 | - | - | -0.09 | 0.658 | 0.797 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.01 | 14.80 | 1.199 | - | - | -0.06 | 0.700 | 0.840 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 372000 | 1860 | 13.91 | 14.80 | 1.227 | - | - | -0.06 | 0.634 | 0.778 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 380000 | 1900 | 13.94 | 14.80 | 1.219 | - | - | -0.06 | 0.621 | 0.757 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.08 | 14.80 | 1.180 | - | - | -0.15 | 0.141 | 0.166 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.01 | 14.80 | 1.199 | - | - | 0.04 | 0.135 | 0.162 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.08 | 14.80 | 1.180 | - | - | 0.02 | 0.713 | 0.842 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 372000 | 1860 | 13.97 | 14.80 | 1.211 | - | - | 0.02 | 0.642 | 0.777 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 380000 | 1900 | 13.97 | 14.80 | 1.211 | - | - | 0.02 | 0.633 | 0.766 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.01 | 14.80 | 1.199 | - | - | 0.01 | 0.628 | 0.753 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.08 | 14.80 | 1.180 | - | - | -0.09 | 0.095 | 0.112 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 376000 | 1880 | 14.01 | 14.80 | 1.199 | - | - | 0.08 | 0.087 | 0.104 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.28 | 24.00 | 1.180 | - | - | 0.01 | 0.135 | 0.159 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.15 | 24.00 | 1.216 | - | - | 0.05 | 0.142 | 0.173 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.28 | 24.00 | 1.180 | - | - | 0.03 | 0.043 | 0.051 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.15 | 24.00 | 1.216 | - | - | 0.02 | 0.041 | 0.050 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.28 | 24.00 | 1.180 | - | - | 0.02 | 0.126 | 0.149 | |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.15 | 24.00 | 1.216 | - | - | -0.18 | 0.130 | 0.158 | |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.28 | 24.00 | 1.180 | - | - | 0.05 | 0.070 | 0.083 | |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 376000 | 1880 | 23.15 | 24.00 | 1.216 | - | - | 0.06 | 0.061 | 0.074 | |
| 2300MHz | | | | | | | | | | | | | | | | | | | | |
| 21 | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.55 | 22.00 | 1.396 | - | - | 0.06 | 0.042 | 0.059 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.43 | 22.00 | 1.435 | - | - | 0.06 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.55 | 22.00 | 1.396 | - | - | 0.02 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.43 | 22.00 | 1.435 | - | - | 0.04 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.55 | 22.00 | 1.396 | - | - | -0.02 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.43 | 22.00 | 1.435 | - | - | -0.16 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.55 | 22.00 | 1.396 | - | - | 0.08 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 27710 | 2310 | 20.43 | 22.00 | 1.435 | - | - | 0.08 | 0.000 | 0.000 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.97 | 16.10 | 1.297 | - | - | 0.05 | 0.743 | 0.964 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.80 | 16.10 | 1.349 | - | - | 0.03 | 0.600 | 0.809 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.83 | 16.10 | 1.340 | - | - | 0.16 | 0.579 | 0.776 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.97 | 16.10 | 1.297 | - | - | 0.16 | 0.179 | 0.232 | |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.80 | 16.10 | 1.349 | - | - | 0.01 | 0.138 | 0.186 | |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.97 | 16.10 | 1.297 | - | - | -0.04 | 0.363 | 0.471 | |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.80 | 16.10 | 1.349 | - | - | 0.08 | 0.271 | 0.366 | |



FCC SAR Test Report

Report No. : FA340401-01

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|----------------|-------------|-----|------|----|----|---------------|--------------|-----|-------|-------|--------|------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.97 | 16.10 | 1.297 | - | - | 0.13 | 0.081 | 0.105 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 27710 | 2310 | 14.80 | 16.10 | 1.349 | - | - | -0.18 | 0.067 | 0.090 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.44 | 23.00 | 1.432 | - | - | 0.09 | 0.051 | 0.073 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.36 | 23.00 | 1.459 | - | - | 0.03 | 0.050 | 0.073 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.44 | 23.00 | 1.432 | - | - | 0.04 | 0.055 | 0.079 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.36 | 23.00 | 1.459 | - | - | -0.16 | 0.045 | 0.066 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.44 | 23.00 | 1.432 | - | - | 0.08 | 0.082 | 0.117 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.36 | 23.00 | 1.459 | - | - | 0.18 | 0.068 | 0.099 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.44 | 23.00 | 1.432 | - | - | 0.12 | 0.061 | 0.087 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 27710 | 2310 | 21.36 | 23.00 | 1.459 | - | - | 0.08 | 0.048 | 0.070 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.91 | 15.80 | 1.227 | - | - | -0.03 | 0.344 | 0.422 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.83 | 15.80 | 1.250 | - | - | 0.17 | 0.252 | 0.315 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.91 | 15.80 | 1.227 | - | - | 0.07 | 0.359 | 0.441 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.83 | 15.80 | 1.250 | - | - | 0.07 | 0.260 | 0.325 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.91 | 15.80 | 1.227 | - | - | 0.1 | 0.724 | 0.889 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.83 | 15.80 | 1.250 | - | - | -0.09 | 0.514 | 0.643 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.78 | 15.80 | 1.265 | - | - | 0.04 | 0.495 | 0.626 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.91 | 15.80 | 1.227 | - | - | -0.18 | 0.535 | 0.657 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 27710 | 2310 | 14.83 | 15.80 | 1.250 | - | - | 0.02 | 0.380 | 0.475 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 21.17 | 22.00 | 1.211 | - | - | 0.02 | 0.002 | 0.002 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 20.82 | 22.00 | 1.312 | - | - | 0.05 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 21.17 | 22.00 | 1.211 | - | - | 0.01 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 20.82 | 22.00 | 1.312 | - | - | -0.09 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 21.17 | 22.00 | 1.211 | - | - | 0.03 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 20.82 | 22.00 | 1.312 | - | - | 0.08 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 21.17 | 22.00 | 1.211 | - | - | -0.05 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 0 | DSI 2 | 462000 | 2310 | 20.82 | 22.00 | 1.312 | - | - | -0.16 | 0.001 | 0.001 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 15.21 | 15.60 | 1.094 | - | - | 0.05 | 0.683 | 0.747 |
| 22 | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 14.91 | 15.60 | 1.172 | - | - | 0.05 | 0.780 | 0.914 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 14.88 | 15.60 | 1.180 | - | - | 0.08 | 0.499 | 0.589 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 15.21 | 15.60 | 1.094 | - | - | 0.03 | 0.154 | 0.168 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 14.91 | 15.60 | 1.172 | - | - | 0.11 | 0.134 | 0.157 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 15.21 | 15.60 | 1.094 | - | - | 0.11 | 0.272 | 0.298 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 14.91 | 15.60 | 1.172 | - | - | 0.07 | 0.294 | 0.345 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 15.21 | 15.60 | 1.094 | - | - | 0.02 | 0.065 | 0.071 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 462000 | 2310 | 14.91 | 15.60 | 1.172 | - | - | 0.07 | 0.068 | 0.080 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.71 | 23.00 | 1.346 | - | - | -0.18 | 0.047 | 0.063 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.38 | 23.00 | 1.452 | - | - | 0.04 | 0.038 | 0.055 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.71 | 23.00 | 1.346 | - | - | 0.04 | 0.041 | 0.055 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.38 | 23.00 | 1.452 | - | - | 0.11 | 0.040 | 0.058 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.71 | 23.00 | 1.346 | - | - | -0.16 | 0.083 | 0.112 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.38 | 23.00 | 1.452 | - | - | 0.02 | 0.078 | 0.113 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.71 | 23.00 | 1.346 | - | - | 0.06 | 0.033 | 0.044 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 462000 | 2310 | 21.38 | 23.00 | 1.452 | - | - | 0.05 | 0.028 | 0.041 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.28 | 16.50 | 1.324 | - | - | -0.02 | 0.266 | 0.352 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.21 | 16.50 | 1.346 | - | - | 0.07 | 0.229 | 0.308 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.28 | 16.50 | 1.324 | - | - | 0.02 | 0.251 | 0.332 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.21 | 16.50 | 1.346 | - | - | 0.08 | 0.206 | 0.277 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.15 | 16.50 | 1.365 | - | - | 0.14 | 0.176 | 0.240 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.28 | 16.50 | 1.324 | - | - | 0.02 | 0.688 | 0.911 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.21 | 16.50 | 1.346 | - | - | 0.04 | 0.406 | 0.546 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.15 | 16.50 | 1.365 | - | - | -0.02 | 0.388 | 0.529 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.28 | 16.50 | 1.324 | - | - | -0.09 | 0.335 | 0.444 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 462000 | 2310 | 15.21 | 16.50 | 1.346 | - | - | 0.11 | 0.268 | 0.361 |
| 2600MHz | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.84 | 23.00 | 1.306 | - | - | -0.15 | 0.093 | 0.121 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|------------------------|-----|------|-----|----|---|--------------|-----|-------|-------|-----------------|-----------------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 23.23 | 24.00 | 1.194 | - | - | 0.08 | 0.075 | 0.090 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 21100+ 21298 | 2535+ 2554.8 | 21.65 | 23.00 | 1.365 | - | - | 0.01 | 0.055 | 0.075 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.80 | 23.00 | 1.318 | - | - | 0.02 | 0.083 | 0.109 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.84 | 23.00 | 1.306 | - | - | -0.14 | 0.048 | 0.063 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.80 | 23.00 | 1.318 | - | - | 0.04 | 0.041 | 0.054 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.84 | 23.00 | 1.306 | - | - | 0.05 | 0.060 | 0.078 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.80 | 23.00 | 1.318 | - | - | 0.08 | 0.051 | 0.067 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.84 | 23.00 | 1.306 | - | - | 0.03 | 0.035 | 0.046 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 21100 | 2535 | 21.80 | 23.00 | 1.318 | - | - | -0.05 | 0.030 | 0.040 |
| 23 | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.89 | 16.00 | 1.291 | - | - | -0.17 | 0.708 | 0.914 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 15.02 | 16.00 | 1.253 | - | - | 0.02 | 0.665 | 0.833 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21350+ 21152 | 2510+ 2540.2 | 14.66 | 16.00 | 1.361 | - | - | 0.03 | 0.612 | 0.833 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 20850 | 2510 | 14.68 | 16.00 | 1.355 | - | - | 0.04 | 0.349 | 0.473 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21100 | 2535 | 14.78 | 16.00 | 1.324 | - | - | 0.05 | 0.639 | 0.846 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.75 | 16.00 | 1.334 | - | - | 0.07 | 0.670 | 0.893 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 20850 | 2510 | 14.55 | 16.00 | 1.396 | - | - | 0.17 | 0.518 | 0.723 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21100 | 2535 | 14.60 | 16.00 | 1.380 | - | - | -0.13 | 0.405 | 0.559 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.54 | 16.00 | 1.400 | - | - | 0.12 | 0.428 | 0.599 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.89 | 16.00 | 1.291 | - | - | 0.02 | 0.193 | 0.249 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.75 | 16.00 | 1.334 | - | - | -0.13 | 0.189 | 0.252 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.89 | 16.00 | 1.291 | - | - | 0.13 | 0.207 | 0.267 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.75 | 16.00 | 1.334 | - | - | 0.14 | 0.161 | 0.215 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.89 | 16.00 | 1.291 | - | - | 0.05 | 0.096 | 0.124 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 21350 | 2560 | 14.75 | 16.00 | 1.334 | - | - | -0.1 | 0.080 | 0.107 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.92 | 23.00 | 1.282 | - | - | 0.06 | 0.043 | 0.055 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.86 | 23.00 | 1.300 | - | - | -0.08 | 0.040 | 0.052 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.92 | 23.00 | 1.282 | - | - | 0.05 | 0.028 | 0.036 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.86 | 23.00 | 1.300 | - | - | 0.01 | 0.026 | 0.034 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.92 | 23.00 | 1.282 | - | - | 0.08 | 0.064 | 0.082 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 22.43 | 22.50 | 1.016 | - | - | 0.01 | 0.052 | 0.053 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 21100+ 21298 | 2535+ 2554.8 | 21.57 | 23.00 | 1.390 | - | - | 0.01 | 0.045 | 0.063 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.86 | 23.00 | 1.300 | - | - | 0.05 | 0.055 | 0.072 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.92 | 23.00 | 1.282 | - | - | 0.17 | 0.019 | 0.024 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 21100 | 2535 | 21.86 | 23.00 | 1.300 | - | - | 0.06 | 0.014 | 0.018 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.59 | 15.70 | 1.291 | - | - | 0.08 | 0.351 | 0.453 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.53 | 15.70 | 1.309 | - | - | -0.15 | 0.297 | 0.389 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.59 | 15.70 | 1.291 | - | - | -0.07 | 0.336 | 0.434 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.53 | 15.70 | 1.309 | - | - | 0.02 | 0.297 | 0.389 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.59 | 15.70 | 1.291 | - | - | 0.09 | 0.707 | 0.913 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.74 | 15.70 | 1.247 | - | - | 0.01 | 0.615 | 0.767 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21100+ 21298 | 2535+ 2554.8 | 14.44 | 15.70 | 1.337 | - | - | 0.03 | 0.612 | 0.818 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 20850 | 2510 | 14.42 | 15.70 | 1.343 | - | - | 0.08 | 0.381 | 0.512 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21350 | 2560 | 14.53 | 15.70 | 1.309 | - | - | 0.03 | 0.675 | 0.884 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.53 | 15.70 | 1.309 | - | - | 0.06 | 0.636 | 0.833 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 20850 | 2510 | 14.43 | 15.70 | 1.340 | - | - | 0.09 | 0.579 | 0.776 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21350 | 2560 | 14.48 | 15.70 | 1.324 | - | - | 0.07 | 0.507 | 0.671 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.37 | 15.70 | 1.358 | - | - | -0.03 | 0.609 | 0.827 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.59 | 15.70 | 1.291 | - | - | -0.16 | 0.626 | 0.808 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 20850 | 2510 | 14.42 | 15.70 | 1.343 | - | - | -0.14 | 0.288 | 0.387 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 21350 | 2560 | 14.53 | 15.70 | 1.309 | - | - | 0.09 | 0.538 | 0.704 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.53 | 15.70 | 1.309 | - | - | 0.03 | 0.518 | 0.678 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 21100 | 2535 | 14.37 | 15.70 | 1.358 | - | - | -0.16 | 0.516 | 0.701 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.36 | 24.00 | 1.159 | 62.9 | 1.006 | -0.12 | 0.122 | 0.142 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 40620+ | 2593+ | 23.10 | 24.00 | 1.230 | 62.9 | 1.006 | 0.03 | 0.101 | 0.125 |



| | | | | | | | | | | | | | | | | | | | | |
|----|------------------|-----|------|-----|----|---|--------------|-----|-------|-------|-------------|---------------|-------|-------|-------|------|-------|-------|-------|-------|
| | | | | | | | | | | | 40818 | 2612.8 | | | | | | | | |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.32 | 24.00 | 1.169 | 62.9 | 1.006 | 0.04 | 0.091 | 0.107 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.36 | 24.00 | 1.159 | 62.9 | 1.006 | 0.06 | 0.026 | 0.030 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.32 | 24.00 | 1.169 | 62.9 | 1.006 | 0.17 | 0.031 | 0.036 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.36 | 24.00 | 1.159 | 62.9 | 1.006 | 0.07 | 0.057 | 0.066 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.32 | 24.00 | 1.169 | 62.9 | 1.006 | -0.04 | 0.059 | 0.069 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.36 | 24.00 | 1.159 | 62.9 | 1.006 | 0.04 | 0.015 | 0.017 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 23.32 | 24.00 | 1.169 | 62.9 | 1.006 | 0.09 | 0.016 | 0.019 |
| | LTE Band 41_HPUE | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 0 | DSI 2 | 40620 | 2593 | 24.97 | 26.00 | 1.268 | 42.9 | 1.009 | 0.04 | 0.110 | 0.141 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.58 | 19.00 | 1.387 | 62.9 | 1.006 | 0.07 | 0.670 | 0.935 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 39750 | 2506 | 17.38 | 19.00 | 1.452 | 62.9 | 1.006 | 0.04 | 0.462 | 0.675 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 40185 | 2549.5 | 17.40 | 19.00 | 1.445 | 62.9 | 1.006 | 0.07 | 0.541 | 0.787 |
| 24 | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 41055 | 2636.5 | 17.28 | 19.00 | 1.486 | 62.9 | 1.006 | 0.08 | 0.650 | 0.972 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 41055+41253 | 2636.5+2656.3 | 17.21 | 19.00 | 1.510 | 62.9 | 1.006 | 0.01 | 0.612 | 0.930 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 41490 | 2680 | 17.23 | 19.00 | 1.503 | 62.9 | 1.006 | -0.15 | 0.501 | 0.758 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.52 | 19.00 | 1.406 | 62.9 | 1.006 | -0.03 | 0.650 | 0.919 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 39750 | 2506 | 17.23 | 19.00 | 1.503 | 62.9 | 1.006 | 0.06 | 0.476 | 0.720 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 40185 | 2549.5 | 17.41 | 19.00 | 1.442 | 62.9 | 1.006 | -0.08 | 0.571 | 0.828 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 41055 | 2636.5 | 17.30 | 19.00 | 1.479 | 62.9 | 1.006 | 0.13 | 0.645 | 0.960 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 41490 | 2680 | 17.28 | 19.00 | 1.486 | 62.9 | 1.006 | -0.02 | 0.439 | 0.656 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.49 | 19.00 | 1.416 | 62.9 | 1.006 | 0.07 | 0.667 | 0.950 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.58 | 19.00 | 1.387 | 62.9 | 1.006 | 0.12 | 0.290 | 0.405 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.52 | 19.00 | 1.406 | 62.9 | 1.006 | -0.11 | 0.282 | 0.399 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.58 | 19.00 | 1.387 | 62.9 | 1.006 | -0.11 | 0.312 | 0.435 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.52 | 19.00 | 1.406 | 62.9 | 1.006 | 0.17 | 0.301 | 0.426 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.58 | 19.00 | 1.387 | 62.9 | 1.006 | -0.08 | 0.132 | 0.184 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 40620 | 2593 | 17.52 | 19.00 | 1.406 | 62.9 | 1.006 | -0.18 | 0.135 | 0.191 |
| | LTE Band 41_HPUE | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI 2 | 41055 | 2636.5 | 19.20 | 20.60 | 1.380 | 42.9 | 1.009 | 0.03 | 0.668 | 0.930 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.76 | 23.00 | 1.330 | 62.9 | 1.006 | 0.04 | 0.059 | 0.079 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.74 | 23.00 | 1.337 | 62.9 | 1.006 | 0.04 | 0.059 | 0.079 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.76 | 23.00 | 1.330 | 62.9 | 1.006 | -0.13 | 0.046 | 0.062 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.74 | 23.00 | 1.337 | 62.9 | 1.006 | 0.04 | 0.041 | 0.055 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.76 | 23.00 | 1.330 | 62.9 | 1.006 | -0.1 | 0.101 | 0.135 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 40620+40818 | 2593+2612.8 | 21.29 | 23.00 | 1.483 | 62.9 | 1.006 | 0.05 | 0.078 | 0.116 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.74 | 23.00 | 1.337 | 62.9 | 1.006 | -0.1 | 0.091 | 0.122 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.76 | 23.00 | 1.330 | 62.9 | 1.006 | 0.18 | 0.020 | 0.027 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 21.74 | 23.00 | 1.337 | 62.9 | 1.006 | -0.18 | 0.016 | 0.022 |
| | LTE Band 41_HPUE | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 40620 | 2593 | 23.34 | 24.50 | 1.306 | 42.9 | 1.009 | 0.08 | 0.102 | 0.134 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.79 | 17.60 | 1.205 | 62.9 | 1.006 | -0.18 | 0.259 | 0.314 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.70 | 17.60 | 1.230 | 62.9 | 1.006 | 0.08 | 0.264 | 0.327 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.79 | 17.60 | 1.205 | 62.9 | 1.006 | 0.13 | 0.251 | 0.304 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.70 | 17.60 | 1.230 | 62.9 | 1.006 | 0.09 | 0.253 | 0.313 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.79 | 17.60 | 1.205 | 62.9 | 1.006 | 0.15 | 0.663 | 0.804 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 39750 | 2506 | 16.71 | 17.60 | 1.227 | 62.9 | 1.006 | 0.15 | 0.561 | 0.693 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 40185 | 2549.5 | 16.76 | 17.60 | 1.213 | 62.9 | 1.006 | 0.1 | 0.621 | 0.758 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 41055 | 2636.5 | 16.45 | 17.60 | 1.303 | 62.9 | 1.006 | 0.03 | 0.566 | 0.742 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 41490 | 2680 | 16.64 | 17.60 | 1.247 | 62.9 | 1.006 | 0.08 | 0.746 | 0.936 |
| | LTE Band 41C | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 41490+41292 | 2680+2660.2 | 16.32 | 17.60 | 1.343 | 62.9 | 1.006 | 0.04 | 0.654 | 0.883 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.70 | 17.60 | 1.230 | 62.9 | 1.006 | 0.03 | 0.650 | 0.804 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 39750 | 2506 | 16.47 | 17.60 | 1.297 | 62.9 | 1.006 | -0.12 | 0.660 | 0.861 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 40185 | 2549.5 | 16.65 | 17.60 | 1.245 | 62.9 | 1.006 | 0.06 | 0.586 | 0.734 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 41055 | 2636.5 | 16.43 | 17.60 | 1.309 | 62.9 | 1.006 | 0.03 | 0.594 | 0.782 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 41490 | 2680 | 16.46 | 17.60 | 1.300 | 62.9 | 1.006 | 0.1 | 0.701 | 0.917 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 40620 | 2593 | 16.61 | 17.60 | 1.256 | 62.9 | 1.006 | 0.05 | 0.583 | 0.737 |



FCC SAR Test Report

Report No. : FA340401-01

Table with 19 columns: Band, Power, Modulation, Channels, Frequency, Position, Distance, Antenna, etc. Includes rows for LTE Band 41 and FR1 n7/FR1 n41.



FCC SAR Test Report

Report No. : FA340401-01

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|----|--------------|-----|------|-----|----|---------------|--------------|-----|-------|-------|-------------|-------------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 55830 | 3609 | 18.46 | 19.80 | 1.361 | 62.9 | 1.006 | 0.05 | 0.557 | 0.763 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 55340 | 3560 | 18.31 | 19.80 | 1.409 | 62.9 | 1.006 | -0.04 | 0.607 | 0.861 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 56150 | 3641 | 18.44 | 19.80 | 1.368 | 62.9 | 1.006 | 0.03 | 0.643 | 0.885 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 56640 | 3690 | 18.35 | 19.80 | 1.396 | 62.9 | 1.006 | -0.14 | 0.522 | 0.733 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI 2 | 55830 | 3609 | 18.43 | 19.80 | 1.371 | 62.9 | 1.006 | -0.07 | 0.654 | 0.902 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 55830 | 3609 | 18.66 | 19.80 | 1.300 | 62.9 | 1.006 | 0.16 | 0.024 | 0.031 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI 2 | 55830 | 3609 | 18.46 | 19.80 | 1.361 | 62.9 | 1.006 | 0.05 | 0.021 | 0.029 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | 0.07 | 0.046 | 0.067 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.06 | 0.058 | 0.087 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | 0.05 | 0.051 | 0.074 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.04 | 0.060 | 0.090 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | 0.01 | 0.093 | 0.135 |
| | LTE Band 48C | 20M | QPSK | 1 | 99 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 55830+56028 | 3609+3628.8 | 14.26 | 15.00 | 1.186 | 62.9 | 1.006 | 0.03 | 0.031 | 0.037 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.02 | 0.088 | 0.132 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | -0.14 | 0.068 | 0.099 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 2 | DSI 2 | 55830 | 3609 | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.03 | 0.077 | 0.115 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 14.11 | 15.10 | 1.256 | 62.9 | 1.006 | 0.07 | 0.258 | 0.326 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 13.91 | 15.10 | 1.315 | 62.9 | 1.006 | 0.08 | 0.224 | 0.296 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 14.11 | 15.10 | 1.256 | 62.9 | 1.006 | 0.03 | 0.329 | 0.416 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 13.91 | 15.10 | 1.315 | 62.9 | 1.006 | -0.09 | 0.287 | 0.380 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 14.11 | 15.10 | 1.256 | 62.9 | 1.006 | -0.03 | 0.499 | 0.631 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 55340 | 3560 | 13.79 | 15.10 | 1.352 | 62.9 | 1.006 | 0.07 | 0.436 | 0.593 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 56150 | 3641 | 13.89 | 15.10 | 1.321 | 62.9 | 1.006 | 0.07 | 0.452 | 0.601 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 56640 | 3690 | 13.95 | 15.10 | 1.303 | 62.9 | 1.006 | 0.09 | 0.496 | 0.650 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 13.91 | 15.10 | 1.315 | 62.9 | 1.006 | -0.08 | 0.425 | 0.562 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 13.90 | 15.10 | 1.318 | 62.9 | 1.006 | 0.01 | 0.424 | 0.562 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 14.11 | 15.10 | 1.256 | 62.9 | 1.006 | 0.03 | 0.624 | 0.788 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 55340 | 3560 | 13.79 | 15.10 | 1.352 | 62.9 | 1.006 | -0.13 | 0.554 | 0.754 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 56150 | 3641 | 13.89 | 15.10 | 1.321 | 62.9 | 1.006 | 0.11 | 0.681 | 0.905 |
| 27 | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 56640 | 3690 | 13.95 | 15.10 | 1.303 | 62.9 | 1.006 | 0.01 | 0.706 | 0.926 |
| | LTE Band 48C | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 56640+56442 | 3690+3670.2 | 13.79 | 15.10 | 1.352 | 62.9 | 1.006 | 0.07 | 0.664 | 0.903 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 13.91 | 15.10 | 1.315 | 62.9 | 1.006 | 0.01 | 0.624 | 0.826 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 55340 | 3560 | 13.80 | 15.10 | 1.349 | 62.9 | 1.006 | 0.14 | 0.472 | 0.641 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 56150 | 3641 | 13.85 | 15.10 | 1.334 | 62.9 | 1.006 | 0.06 | 0.587 | 0.787 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 56640 | 3690 | 13.88 | 15.10 | 1.324 | 62.9 | 1.006 | 0.04 | 0.629 | 0.838 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Tilted | 0mm | Ant 3 | DSI 2 | 55830 | 3609 | 13.90 | 15.10 | 1.318 | 62.9 | 1.006 | 0.14 | 0.613 | 0.813 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.74 | 15.80 | 1.276 | 62.9 | 1.006 | -0.09 | 0.099 | 0.127 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.65 | 15.80 | 1.303 | 62.9 | 1.006 | 0.04 | 0.077 | 0.101 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.74 | 15.80 | 1.276 | 62.9 | 1.006 | -0.09 | 0.043 | 0.055 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.65 | 15.80 | 1.303 | 62.9 | 1.006 | 0.01 | 0.077 | 0.101 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.74 | 15.80 | 1.276 | 62.9 | 1.006 | 0.03 | 0.488 | 0.627 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 55340 | 3560 | 14.67 | 15.80 | 1.297 | 62.9 | 1.006 | 0.01 | 0.708 | 0.924 |
| | LTE Band 48C | 20M | QPSK | 1 | 99 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 55340+55538 | 3560+3579.8 | 14.51 | 15.80 | 1.346 | 62.9 | 1.006 | 0.09 | 0.645 | 0.873 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 56150 | 3641 | 14.60 | 15.80 | 1.318 | 62.9 | 1.006 | -0.1 | 0.455 | 0.603 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 56640 | 3690 | 14.46 | 15.80 | 1.361 | 62.9 | 1.006 | 0.12 | 0.431 | 0.590 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.65 | 15.80 | 1.303 | 62.9 | 1.006 | 0.09 | 0.489 | 0.641 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 55340 | 3560 | 14.56 | 15.80 | 1.330 | 62.9 | 1.006 | 0.02 | 0.582 | 0.779 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 56150 | 3641 | 14.57 | 15.80 | 1.327 | 62.9 | 1.006 | 0.17 | 0.418 | 0.558 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 56640 | 3690 | 14.31 | 15.80 | 1.409 | 62.9 | 1.006 | 0.04 | 0.359 | 0.509 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.62 | 15.80 | 1.312 | 62.9 | 1.006 | -0.11 | 0.475 | 0.627 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.74 | 15.80 | 1.276 | 62.9 | 1.006 | 0.06 | 0.086 | 0.110 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 5 | DSI 2 | 55830 | 3609 | 14.65 | 15.80 | 1.303 | 62.9 | 1.006 | -0.16 | 0.140 | 0.184 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI 2 | 641666 | 3624.99 | 17.31 | 18.40 | 1.285 | - | - | 0.08 | 0.199 | 0.256 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI 2 | 641666 | 3624.99 | 17.29 | 18.40 | 1.291 | - | - | 0.05 | 0.185 | 0.239 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI 2 | 641666 | 3624.99 | 17.31 | 18.40 | 1.285 | - | - | -0.15 | 0.343 | 0.441 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|------------------|------|------|-----|----|---------------|--------------|-----|-------|-------|--------|---------|-------|-------|-------|----|-------|-------|-------|-------|
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 633334 | 3500.01 | 12.24 | 13.50 | 1.337 | - | - | 0.08 | 0.661 | 0.883 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 633334 | 3500.01 | 12.11 | 13.50 | 1.377 | - | - | 0.18 | 0.517 | 0.712 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 633334 | 3500.01 | 12.26 | 13.50 | 1.330 | - | - | -0.03 | 0.036 | 0.048 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI 2 | 633334 | 3500.01 | 12.24 | 13.50 | 1.337 | - | - | 0.03 | 0.027 | 0.036 |
| | FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI 2 | 633334 | 3500.01 | 15.33 | 16.50 | 1.309 | 50 | 1.000 | 0.07 | 0.659 | 0.863 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.65 | 24.00 | 1.084 | - | - | -0.05 | 0.186 | 0.202 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.50 | 24.00 | 1.122 | - | - | 0.06 | 0.196 | 0.220 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.65 | 24.00 | 1.084 | - | - | 0.11 | 0.190 | 0.206 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.50 | 24.00 | 1.122 | - | - | -0.14 | 0.218 | 0.245 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.65 | 24.00 | 1.084 | - | - | 0.14 | 0.348 | 0.377 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.50 | 24.00 | 1.122 | - | - | 0.06 | 0.388 | 0.435 |
| | FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 22.31 | 23.00 | 1.172 | - | - | -0.03 | 0.194 | 0.227 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.65 | 24.00 | 1.084 | - | - | 0.05 | 0.144 | 0.156 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 23.50 | 24.00 | 1.122 | - | - | 0.04 | 0.162 | 0.182 |
| | FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 656000 | 3840 | 26.53 | 27.00 | 1.114 | 50 | 1.000 | 0.14 | 0.360 | 0.401 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.97 | 24.00 | 1.007 | - | - | 0.04 | 0.069 | 0.069 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.92 | 24.00 | 1.019 | - | - | -0.18 | 0.039 | 0.040 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.97 | 24.00 | 1.007 | - | - | -0.07 | 0.081 | 0.082 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.92 | 24.00 | 1.019 | - | - | -0.04 | 0.088 | 0.090 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.97 | 24.00 | 1.007 | - | - | -0.08 | 0.128 | 0.129 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.92 | 24.00 | 1.019 | - | - | 0.07 | 0.227 | 0.231 |
| | FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 22.30 | 23.00 | 1.175 | - | - | -0.19 | 0.140 | 0.164 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.97 | 24.00 | 1.007 | - | - | 0.05 | 0.056 | 0.056 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 23.92 | 24.00 | 1.019 | - | - | 0.17 | 0.053 | 0.054 |
| | FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 2 | DSI 2 | 633334 | 3500.01 | 26.89 | 27.00 | 1.026 | 50 | 1.000 | 0.1 | 0.212 | 0.217 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.22 | 15.70 | 1.406 | - | - | 0.03 | 0.110 | 0.155 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.21 | 15.70 | 1.409 | - | - | -0.17 | 0.126 | 0.178 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.22 | 15.70 | 1.406 | - | - | 0.03 | 0.095 | 0.134 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.21 | 15.70 | 1.409 | - | - | 0.04 | 0.112 | 0.158 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.22 | 15.70 | 1.406 | - | - | 0.03 | 0.537 | 0.755 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.21 | 15.70 | 1.409 | - | - | -0.06 | 0.594 | 0.837 |
| | FR1 n77 Other PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.01 | 15.70 | 1.476 | - | - | 0.11 | 0.330 | 0.487 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.03 | 15.70 | 1.469 | - | - | 0.14 | 0.541 | 0.795 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.22 | 15.70 | 1.406 | - | - | 0.12 | 0.178 | 0.250 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.21 | 15.70 | 1.409 | - | - | -0.14 | 0.204 | 0.287 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 14.03 | 15.70 | 1.469 | - | - | 0.14 | 0.198 | 0.291 |
| | FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 656000 | 3840 | 17.17 | 18.70 | 1.422 | 50 | 1.000 | 0.04 | 0.551 | 0.784 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.43 | 15.70 | 1.340 | - | - | 0.08 | 0.221 | 0.296 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.36 | 15.70 | 1.361 | - | - | -0.18 | 0.206 | 0.280 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.43 | 15.70 | 1.340 | - | - | 0.18 | 0.241 | 0.323 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.36 | 15.70 | 1.361 | - | - | 0.04 | 0.275 | 0.374 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.43 | 15.70 | 1.340 | - | - | -0.07 | 0.424 | 0.568 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.36 | 15.70 | 1.361 | - | - | -0.07 | 0.402 | 0.547 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.43 | 15.70 | 1.340 | - | - | 0.03 | 0.646 | 0.865 |
| 29 | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.36 | 15.70 | 1.361 | - | - | -0.03 | 0.683 | 0.930 |
| | FR1 n77 Other PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.26 | 15.70 | 1.393 | - | - | -0.13 | 0.293 | 0.408 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 14.15 | 15.70 | 1.429 | - | - | 0.03 | 0.612 | 0.874 |
| | FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 3 | DSI 2 | 633334 | 3500.01 | 17.40 | 18.70 | 1.349 | 50 | 1.000 | 0.07 | 0.644 | 0.869 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.91 | 17.00 | 1.285 | - | - | 0.17 | 0.105 | 0.135 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.90 | 17.00 | 1.288 | - | - | 0.16 | 0.083 | 0.107 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.91 | 17.00 | 1.285 | - | - | 0.1 | 0.081 | 0.104 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.90 | 17.00 | 1.288 | - | - | 0.08 | 0.060 | 0.077 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.91 | 17.00 | 1.285 | - | - | -0.05 | 0.423 | 0.544 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.90 | 17.00 | 1.288 | - | - | 0.02 | 0.485 | 0.625 |
| | FR1 n77 Other PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.75 | 17.00 | 1.334 | - | - | -0.05 | 0.240 | 0.320 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.91 | 17.00 | 1.285 | - | - | 0.02 | 0.149 | 0.192 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | |
|------------------|------|------|-----|----|---------------|--------------|-----|-------|-------|--------|---------|-------|-------|-------|----|-------|-------|-------|-------|
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.90 | 17.00 | 1.288 | - | - | 0.04 | 0.153 | 0.197 |
| FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 15.84 | 17.00 | 1.306 | - | - | -0.14 | 0.159 | 0.208 |
| FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 656000 | 3840 | 18.70 | 20.00 | 1.349 | 50 | 1.000 | 0.13 | 0.459 | 0.619 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.90 | 17.00 | 1.288 | - | - | -0.17 | 0.136 | 0.175 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.86 | 17.00 | 1.300 | - | - | -0.02 | 0.097 | 0.126 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.90 | 17.00 | 1.288 | - | - | 0.16 | 0.177 | 0.228 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.86 | 17.00 | 1.300 | - | - | 0.07 | 0.119 | 0.155 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.90 | 17.00 | 1.288 | - | - | 0.05 | 0.717 | 0.924 |
| FR1 n77 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.77 | 17.00 | 1.327 | - | - | 0.01 | 0.228 | 0.303 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.86 | 17.00 | 1.300 | - | - | 0.1 | 0.467 | 0.607 |
| FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.76 | 17.00 | 1.330 | - | - | 0.09 | 0.536 | 0.713 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.90 | 17.00 | 1.288 | - | - | 0.11 | 0.222 | 0.286 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 15.86 | 17.00 | 1.300 | - | - | 0.05 | 0.294 | 0.382 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI 2 | 633334 | 3500.01 | 18.87 | 20.00 | 1.297 | 50 | 1.000 | 0.03 | 0.675 | 0.876 |

| 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) |
|--------------------|-------------|---------------------|---------------|----------|------------|----------------------|-----|-------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|
| WLAN&BT | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Cheek | 0mm | Ant 4+6(6) | Standalone | 1 | 2412 | 16.62 | 18.00 | 1.374 | 100 | 1.000 | 0.09 | 0.550 | 0.756 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Tilted | 0mm | Ant 4+6(6) | Standalone | 1 | 2412 | 16.62 | 18.00 | 1.374 | 100 | 1.000 | 0.07 | 0.473 | 0.650 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 4+6(6) | Standalone | 1 | 2412 | 16.62 | 18.00 | 1.374 | 100 | 1.000 | 0.08 | 0.710 | 0.976 |
| 30 | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 4+6(6) | Standalone | 6 | 2437 | 16.52 | 18.00 | 1.406 | 100 | 1.000 | -0.03 | 0.818 | 1.150 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 4+6(6) | Standalone | 11 | 2462 | 16.48 | 18.00 | 1.419 | 100 | 1.000 | 0.01 | 0.681 | 0.966 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Tilted | 0mm | Ant 4+6(6) | Standalone | 1 | 2412 | 16.62 | 18.00 | 1.374 | 100 | 1.000 | 0.11 | 0.258 | 0.355 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Cheek | 0mm | Ant 4+6(4) | DBS only | 6 | 2437 | 15.03 | 16.50 | 1.403 | 100 | 1.000 | 0.01 | 0.565 | 0.793 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Tilted | 0mm | Ant 4+6(4) | DBS only | 6 | 2437 | 15.03 | 16.50 | 1.403 | 100 | 1.000 | 0.03 | 0.424 | 0.595 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 4+6(4) | DBS only | 6 | 2437 | 15.03 | 16.50 | 1.403 | 100 | 1.000 | 0.05 | 0.524 | 0.735 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Tilted | 0mm | Ant 4+6(4) | DBS only | 6 | 2437 | 15.03 | 16.50 | 1.403 | 100 | 1.000 | 0.11 | 0.163 | 0.229 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Cheek | 0mm | Ant 4+6(6) | non DBS Simultaneous | 6 | 2437 | 11.58 | 13.00 | 1.387 | 100 | 1.000 | 0.07 | 0.291 | 0.404 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Tilted | 0mm | Ant 4+6(6) | non DBS Simultaneous | 6 | 2437 | 11.58 | 13.00 | 1.387 | 100 | 1.000 | 0.16 | 0.217 | 0.301 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 4+6(6) | non DBS Simultaneous | 6 | 2437 | 11.58 | 13.00 | 1.387 | 100 | 1.000 | 0.03 | 0.275 | 0.381 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Tilted | 0mm | Ant 4+6(6) | non DBS Simultaneous | 6 | 2437 | 11.58 | 13.00 | 1.387 | 100 | 1.000 | 0.08 | 0.083 | 0.115 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Cheek | 0mm | Ant 4+6(6) | DBS Simultaneous | 6 | 2437 | 8.58 | 10.00 | 1.387 | 100 | 1.000 | -0.03 | 0.139 | 0.193 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Tilted | 0mm | Ant 4+6(6) | DBS Simultaneous | 6 | 2437 | 8.58 | 10.00 | 1.387 | 100 | 1.000 | 0.05 | 0.103 | 0.143 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 4+6(6) | DBS Simultaneous | 6 | 2437 | 8.58 | 10.00 | 1.387 | 100 | 1.000 | -0.06 | 0.134 | 0.186 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Tilted | 0mm | Ant 4+6(6) | DBS Simultaneous | 6 | 2437 | 8.58 | 10.00 | 1.387 | 100 | 1.000 | 0.1 | 0.040 | 0.055 |
| 31 | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 4 | Standalone | 39 | 2441 | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.03 | 0.880 | 1.200 |
| | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 4 | Simultaneous | 39 | 2441 | 7.37 | 8.50 | 1.297 | 76.72 | 1.086 | 0.02 | 0.088 | 0.124 |
| | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 4 | Standalone | 0 | 2402 | 16.47 | 18.00 | 1.422 | 76.72 | 1.086 | 0.05 | 0.581 | 0.897 |
| | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 4 | Standalone | 78 | 2480 | 16.13 | 17.50 | 1.371 | 76.72 | 1.086 | 0.01 | 0.483 | 0.719 |
| | Bluetooth | 1Mbps | Right Tilted | 0mm | Ant 4 | Standalone | 39 | 2441 | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.02 | 0.527 | 0.719 |
| | Bluetooth | 1Mbps | Left Cheek | 0mm | Ant 4 | Standalone | 39 | 2441 | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.01 | 0.321 | 0.438 |
| | Bluetooth | 1Mbps | Left Tilted | 0mm | Ant 4 | Standalone | 39 | 2441 | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | -0.06 | 0.243 | 0.331 |
| | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 6 | Standalone | 0 | 2402 | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | -0.08 | 0.430 | 0.589 |
| | Bluetooth | 1Mbps | Right Tilted | 0mm | Ant 6 | Standalone | 0 | 2402 | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | -0.04 | 0.053 | 0.073 |
| | Bluetooth | 1Mbps | Left Cheek | 0mm | Ant 6 | Standalone | 0 | 2402 | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | -0.04 | 0.475 | 0.651 |
| | Bluetooth | 1Mbps | Left Cheek | 0mm | Ant 6 | Simultaneous | 0 | 2402 | 7.58 | 8.50 | 1.236 | 76.86 | 1.084 | 0.02 | 0.066 | 0.088 |
| | Bluetooth | 1Mbps | Left Tilted | 0mm | Ant 6 | Standalone | 0 | 2402 | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.03 | 0.089 | 0.122 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(4) | Standalone | 58 | 5290 | 17.28 | 18.00 | 1.180 | 100 | 1.000 | 0.09 | 0.815 | 0.962 |
| 32 | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(4) | Standalone | 58 | 5290 | 17.28 | 18.00 | 1.180 | 100 | 1.000 | 0.07 | 0.858 | 1.013 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(4) | Standalone | 58 | 5290 | 17.28 | 18.00 | 1.180 | 100 | 1.000 | 0.08 | 0.584 | 0.689 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(4) | Standalone | 58 | 5290 | 17.28 | 18.00 | 1.180 | 100 | 1.000 | 0.01 | 0.254 | 0.300 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(4) | DBS only | 58 | 5290 | 15.28 | 17.00 | 1.486 | 100 | 1.000 | 0.01 | 0.532 | 0.791 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(4) | DBS only | 58 | 5290 | 15.28 | 17.00 | 1.486 | 100 | 1.000 | 0.16 | 0.336 | 0.499 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(4) | DBS only | 58 | 5290 | 15.28 | 17.00 | 1.486 | 100 | 1.000 | -0.07 | 0.421 | 0.626 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | |
|----|-------------|---------------------|--------------|-----|------------|----------------------|-----|------|-------|-------|-------|-----|-------|-------|-------|-------|
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(4) | DBS only | 58 | 5290 | 15.28 | 17.00 | 1.486 | 100 | 1.000 | -0.07 | 0.184 | 0.273 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | non DBS Simultaneous | 58 | 5290 | 12.76 | 14.50 | 1.493 | 100 | 1.000 | -0.03 | 0.261 | 0.390 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | non DBS Simultaneous | 58 | 5290 | 12.76 | 14.50 | 1.493 | 100 | 1.000 | -0.15 | 0.165 | 0.246 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | non DBS Simultaneous | 58 | 5290 | 12.76 | 14.50 | 1.493 | 100 | 1.000 | 0.15 | 0.206 | 0.308 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | non DBS Simultaneous | 58 | 5290 | 12.76 | 14.50 | 1.493 | 100 | 1.000 | 0.03 | 0.090 | 0.134 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | DBS Simultaneous | 58 | 5290 | 9.88 | 11.50 | 1.452 | 100 | 1.000 | 0.06 | 0.133 | 0.193 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | DBS Simultaneous | 58 | 5290 | 9.88 | 11.50 | 1.452 | 100 | 1.000 | -0.1 | 0.084 | 0.122 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | DBS Simultaneous | 58 | 5290 | 9.88 | 11.50 | 1.452 | 100 | 1.000 | -0.08 | 0.105 | 0.152 |
| | WLAN 5.3GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | DBS Simultaneous | 58 | 5290 | 9.88 | 11.50 | 1.452 | 100 | 1.000 | 0.06 | 0.046 | 0.067 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | Standalone | 138 | 5690 | 14.08 | 15.00 | 1.236 | 100 | 1.000 | 0.08 | 0.228 | 0.282 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | Standalone | 138 | 5690 | 14.08 | 15.00 | 1.236 | 100 | 1.000 | 0.08 | 0.178 | 0.220 |
| 33 | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | Standalone | 138 | 5690 | 14.08 | 15.00 | 1.236 | 100 | 1.000 | -0.02 | 0.821 | 1.015 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | Standalone | 106 | 5530 | 14.06 | 15.00 | 1.242 | 100 | 1.000 | 0.09 | 0.503 | 0.625 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | Standalone | 122 | 5610 | 14.01 | 15.00 | 1.256 | 100 | 1.000 | 0.09 | 0.593 | 0.745 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | Standalone | 138 | 5690 | 14.08 | 15.00 | 1.236 | 100 | 1.000 | 0.05 | 0.247 | 0.305 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | DBS only | 138 | 5690 | 12.82 | 14.50 | 1.472 | 100 | 1.000 | -0.19 | 0.188 | 0.277 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | DBS only | 138 | 5690 | 12.82 | 14.50 | 1.472 | 100 | 1.000 | -0.16 | 0.145 | 0.213 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | DBS only | 138 | 5690 | 12.82 | 14.50 | 1.472 | 100 | 1.000 | 0.01 | 0.541 | 0.797 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | DBS only | 138 | 5690 | 12.82 | 14.50 | 1.472 | 100 | 1.000 | 0.05 | 0.179 | 0.264 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | non DBS Simultaneous | 138 | 5690 | 9.58 | 11.50 | 1.556 | 100 | 1.000 | -0.05 | 0.087 | 0.135 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | non DBS Simultaneous | 138 | 5690 | 9.58 | 11.50 | 1.556 | 100 | 1.000 | -0.11 | 0.067 | 0.104 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | non DBS Simultaneous | 138 | 5690 | 9.58 | 11.50 | 1.556 | 100 | 1.000 | -0.02 | 0.250 | 0.389 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | non DBS Simultaneous | 138 | 5690 | 9.58 | 11.50 | 1.556 | 100 | 1.000 | 0.07 | 0.083 | 0.129 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | DBS Simultaneous | 138 | 5690 | 6.68 | 8.50 | 1.521 | 100 | 1.000 | 0.1 | 0.044 | 0.067 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | DBS Simultaneous | 138 | 5690 | 6.68 | 8.50 | 1.521 | 100 | 1.000 | 0.08 | 0.034 | 0.052 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | DBS Simultaneous | 138 | 5690 | 6.68 | 8.50 | 1.521 | 100 | 1.000 | 0.01 | 0.127 | 0.193 |
| | WLAN 5.5GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | DBS Simultaneous | 138 | 5690 | 6.68 | 8.50 | 1.521 | 100 | 1.000 | 0.09 | 0.042 | 0.064 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(4) | Standalone | 155 | 5775 | 13.28 | 14.50 | 1.324 | 100 | 1.000 | 0.08 | 0.175 | 0.232 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(4) | Standalone | 155 | 5775 | 13.28 | 14.50 | 1.324 | 100 | 1.000 | 0.09 | 0.161 | 0.213 |
| 34 | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(4) | Standalone | 155 | 5775 | 13.28 | 14.50 | 1.324 | 100 | 1.000 | -0.11 | 0.862 | 1.142 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(4) | Standalone | 155 | 5775 | 13.28 | 14.50 | 1.324 | 100 | 1.000 | 0.08 | 0.329 | 0.436 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | DBS only | 155 | 5775 | 12.50 | 14.00 | 1.413 | 100 | 1.000 | 0.16 | 0.117 | 0.165 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | DBS only | 155 | 5775 | 12.50 | 14.00 | 1.413 | 100 | 1.000 | 0.16 | 0.104 | 0.147 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | DBS only | 155 | 5775 | 12.50 | 14.00 | 1.413 | 100 | 1.000 | 0.01 | 0.562 | 0.794 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | DBS only | 155 | 5775 | 12.50 | 14.00 | 1.413 | 100 | 1.000 | -0.19 | 0.191 | 0.270 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | 9.47 | 11.00 | 1.422 | 100 | 1.000 | -0.13 | 0.058 | 0.082 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | 9.47 | 11.00 | 1.422 | 100 | 1.000 | 0.04 | 0.051 | 0.073 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | 9.47 | 11.00 | 1.422 | 100 | 1.000 | 0.01 | 0.277 | 0.394 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | 9.47 | 11.00 | 1.422 | 100 | 1.000 | -0.14 | 0.094 | 0.134 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | 6.52 | 8.00 | 1.406 | 100 | 1.000 | 0.07 | 0.027 | 0.038 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | 6.52 | 8.00 | 1.406 | 100 | 1.000 | 0.1 | 0.024 | 0.034 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | 6.52 | 8.00 | 1.406 | 100 | 1.000 | 0.05 | 0.129 | 0.181 |
| | WLAN 5.8GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | 6.52 | 8.00 | 1.406 | 100 | 1.000 | 0.12 | 0.044 | 0.062 |



16.2 Hotspot SAR

<Flip open>

| Plot No. | Band | BW (MHz) | Modulation | RB Size | RB offset | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | EUT Flip State | 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 | DSI 9 | 133322 | 683 | Open | 22.91 | 24.00 | 1.285 | - | - | 0.18 | 0.508 | 0.653 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Front | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.74 | 24.00 | 1.337 | - | - | -0.05 | 0.440 | 0.588 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.91 | 24.00 | 1.285 | - | - | 0.04 | 0.689 | 0.886 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Back | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.74 | 24.00 | 1.337 | - | - | 0.04 | 0.603 | 0.806 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.79 | 24.00 | 1.321 | - | - | 0.12 | 0.599 | 0.791 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.91 | 24.00 | 1.285 | - | - | 0.18 | 0.490 | 0.630 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Right Side | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.74 | 24.00 | 1.337 | - | - | 0.03 | 0.424 | 0.567 |
| 35 | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.91 | 24.00 | 1.285 | - | - | 0.13 | 0.958 | 1.231 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.74 | 24.00 | 1.337 | - | - | 0.11 | 0.818 | 1.093 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 133322 | 683 | Open | 22.79 | 24.00 | 1.321 | - | - | -0.15 | 0.811 | 1.072 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.71 | 20.80 | 1.285 | - | - | 0.03 | 0.178 | 0.229 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Front | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.65 | 20.80 | 1.303 | - | - | 0.06 | 0.150 | 0.195 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.71 | 20.80 | 1.285 | - | - | 0.05 | 0.335 | 0.431 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Back | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.65 | 20.80 | 1.303 | - | - | 0.09 | 0.298 | 0.388 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.71 | 20.80 | 1.285 | - | - | 0.03 | 0.479 | 0.616 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Left Side | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.65 | 20.80 | 1.303 | - | - | -0.13 | 0.426 | 0.555 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.71 | 20.80 | 1.285 | - | - | 0.11 | 0.067 | 0.086 |
| | LTE Band 71 | 20M | QPSK | 50 | 24 | - | Top Side | 5mm | Ant 1 | DSI 9 | 133322 | 683 | Open | 19.65 | 20.80 | 1.303 | - | - | -0.04 | 0.057 | 0.074 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.64 | 24.00 | 1.368 | - | - | 0.02 | 0.263 | 0.360 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.58 | 24.00 | 1.387 | - | - | 0.08 | 0.227 | 0.315 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.64 | 24.00 | 1.368 | - | - | -0.09 | 0.366 | 0.501 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.58 | 24.00 | 1.387 | - | - | -0.06 | 0.323 | 0.448 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.64 | 24.00 | 1.368 | - | - | -0.02 | 0.220 | 0.301 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.58 | 24.00 | 1.387 | - | - | -0.13 | 0.191 | 0.265 |
| 36 | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.64 | 24.00 | 1.368 | - | - | 0.05 | 0.509 | 0.696 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23095 | 707.5 | Open | 22.58 | 24.00 | 1.387 | - | - | -0.04 | 0.444 | 0.616 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.83 | 18.20 | 1.371 | - | - | 0.04 | 0.231 | 0.317 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.80 | 18.20 | 1.380 | - | - | 0.07 | 0.209 | 0.289 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.83 | 18.20 | 1.371 | - | - | -0.02 | 0.344 | 0.472 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.80 | 18.20 | 1.380 | - | - | 0.01 | 0.297 | 0.410 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.83 | 18.20 | 1.371 | - | - | 0.17 | 0.455 | 0.624 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.80 | 18.20 | 1.380 | - | - | -0.11 | 0.384 | 0.530 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.83 | 18.20 | 1.371 | - | - | 0.01 | 0.064 | 0.088 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 23095 | 707.5 | Open | 16.80 | 18.20 | 1.380 | - | - | -0.15 | 0.055 | 0.076 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | -0.13 | 0.674 | 0.897 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.71 | 24.00 | 1.346 | - | - | 0.02 | 0.594 | 0.799 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | 0.11 | 0.615 | 0.843 |
| 37 | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | -0.04 | 0.945 | 1.257 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.71 | 24.00 | 1.346 | - | - | -0.1 | 0.834 | 1.122 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | 0.08 | 0.855 | 1.172 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | 0.1 | 0.374 | 0.498 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.71 | 24.00 | 1.346 | - | - | -0.15 | 0.337 | 0.454 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | 0.01 | 0.768 | 1.022 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.71 | 24.00 | 1.346 | - | - | -0.09 | 0.694 | 0.934 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | 0.04 | 0.728 | 0.998 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.32 | 19.50 | 1.312 | - | - | 0.08 | 0.298 | 0.391 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.29 | 19.50 | 1.321 | - | - | -0.02 | 0.262 | 0.346 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.32 | 19.50 | 1.312 | - | - | -0.07 | 0.472 | 0.619 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.29 | 19.50 | 1.321 | - | - | 0.03 | 0.405 | 0.535 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | |
|----|-------------|-----|------|----|----|---------------|-------------|-----|-------|-------|--------|-------|------|-------|-------|-------|---|---|-------|-------|--------------|
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.32 | 19.50 | 1.312 | - | - | 0.12 | 0.467 | 0.613 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.29 | 19.50 | 1.321 | - | - | -0.03 | 0.410 | 0.542 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.32 | 19.50 | 1.312 | - | - | -0.13 | 0.065 | 0.085 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 23230 | 782 | Open | 18.29 | 19.50 | 1.321 | - | - | 0.05 | 0.056 | 0.074 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | 0.06 | 0.611 | 0.800 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.78 | 24.00 | 1.324 | - | - | 0.01 | 0.522 | 0.691 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.72 | 24.00 | 1.343 | - | - | 0.03 | 0.575 | 0.772 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | 0.06 | 0.833 | 1.091 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.78 | 24.00 | 1.324 | - | - | 0.09 | 0.708 | 0.938 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.72 | 24.00 | 1.343 | - | - | 0.03 | 0.665 | 0.893 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | -0.1 | 0.372 | 0.487 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.78 | 24.00 | 1.324 | - | - | 0.05 | 0.317 | 0.420 |
| 38 | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | 0.17 | 0.933 | 1.221 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.78 | 24.00 | 1.324 | - | - | 0.06 | 0.797 | 1.056 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 23330 | 793 | Open | 22.72 | 24.00 | 1.343 | - | - | -0.03 | 0.789 | 1.059 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.71 | 19.10 | 1.377 | - | - | 0.11 | 0.280 | 0.386 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.64 | 19.10 | 1.400 | - | - | 0.09 | 0.230 | 0.322 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.71 | 19.10 | 1.377 | - | - | -0.05 | 0.447 | 0.616 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.64 | 19.10 | 1.400 | - | - | 0.09 | 0.387 | 0.542 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.71 | 19.10 | 1.377 | - | - | -0.05 | 0.452 | 0.622 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.64 | 19.10 | 1.400 | - | - | 0.07 | 0.379 | 0.530 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.71 | 19.10 | 1.377 | - | - | 0.07 | 0.066 | 0.091 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 23330 | 793 | Open | 17.64 | 19.10 | 1.400 | - | - | 0.12 | 0.055 | 0.077 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.37 | 24.00 | 1.156 | - | - | 0.09 | 0.400 | 0.462 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.32 | 24.00 | 1.169 | - | - | -0.11 | 0.470 | 0.550 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.37 | 24.00 | 1.156 | - | - | -0.08 | 0.579 | 0.669 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.32 | 24.00 | 1.169 | - | - | 0.09 | 0.636 | 0.744 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.37 | 24.00 | 1.156 | - | - | 0.04 | 0.348 | 0.402 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.32 | 24.00 | 1.169 | - | - | 0.07 | 0.390 | 0.456 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.37 | 24.00 | 1.156 | - | - | -0.16 | 0.716 | 0.828 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.32 | 24.00 | 1.169 | - | - | 0.01 | 0.729 | 0.853 |
| 39 | FR1 n12 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 141500 | 707.5 | Open | 23.24 | 24.00 | 1.191 | - | - | 0.05 | 0.737 | 0.878 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.49 | 21.00 | 1.416 | - | - | 0.06 | 0.425 | 0.602 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.45 | 21.00 | 1.429 | - | - | -0.09 | 0.336 | 0.480 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.49 | 21.00 | 1.416 | - | - | -0.17 | 0.312 | 0.442 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.45 | 21.00 | 1.429 | - | - | -0.17 | 0.345 | 0.493 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.49 | 21.00 | 1.416 | - | - | 0.18 | 0.391 | 0.554 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.45 | 21.00 | 1.429 | - | - | 0.04 | 0.437 | 0.624 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.49 | 21.00 | 1.416 | - | - | 0.08 | 0.075 | 0.106 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 141500 | 707.5 | Open | 19.45 | 21.00 | 1.429 | - | - | 0.03 | 0.075 | 0.107 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.51 | 24.00 | 1.119 | - | - | 0.06 | 0.512 | 0.573 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.40 | 24.00 | 1.148 | - | - | 0.02 | 0.479 | 0.550 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.51 | 24.00 | 1.119 | - | - | 0.04 | 0.724 | 0.810 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.40 | 24.00 | 1.148 | - | - | 0.08 | 0.665 | 0.764 |
| | FR1 n14 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.36 | 24.00 | 1.159 | - | - | 0.08 | 0.717 | 0.831 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.51 | 24.00 | 1.119 | - | - | 0.04 | 0.286 | 0.320 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.40 | 24.00 | 1.148 | - | - | -0.1 | 0.296 | 0.340 |
| 40 | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.51 | 24.00 | 1.119 | - | - | 0.15 | 0.817 | 0.915 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.40 | 24.00 | 1.148 | - | - | -0.05 | 0.787 | 0.904 |
| | FR1 n14 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 158600 | 793 | Open | 23.36 | 24.00 | 1.159 | - | - | 0.05 | 0.677 | 0.784 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.38 | 20.70 | 1.355 | - | - | -0.14 | 0.425 | 0.576 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.31 | 20.70 | 1.377 | - | - | -0.03 | 0.360 | 0.496 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.38 | 20.70 | 1.355 | - | - | 0.11 | 0.422 | 0.572 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.31 | 20.70 | 1.377 | - | - | -0.09 | 0.377 | 0.519 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.38 | 20.70 | 1.355 | - | - | 0.09 | 0.460 | 0.623 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.31 | 20.70 | 1.377 | - | - | 0.08 | 0.432 | 0.595 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------------|-----|------|----|----|-------------------|-------------|-----|-------|-------|--------|-------|------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.38 | 20.70 | 1.355 | - | - | 0.02 | 0.065 | 0.088 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 158600 | 793 | Open | 19.31 | 20.70 | 1.377 | - | - | -0.06 | 0.057 | 0.079 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.62 | 24.00 | 1.091 | - | - | -0.02 | 0.345 | 0.377 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.58 | 24.00 | 1.102 | - | - | -0.15 | 0.343 | 0.378 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.62 | 24.00 | 1.091 | - | - | -0.01 | 0.627 | 0.684 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.58 | 24.00 | 1.102 | - | - | 0.08 | 0.468 | 0.516 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.62 | 24.00 | 1.091 | - | - | -0.12 | 0.266 | 0.290 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.58 | 24.00 | 1.102 | - | - | -0.11 | 0.269 | 0.296 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.62 | 24.00 | 1.091 | - | - | 0.12 | 0.611 | 0.667 |
| 41 | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 23.58 | 24.00 | 1.102 | - | - | 0.07 | 0.773 | 0.851 |
| | FR1 n71 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 136100 | 680.5 | Open | 22.54 | 23.00 | 1.112 | - | - | 0.04 | 0.616 | 0.685 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.38 | 22.20 | 1.208 | - | - | 0.09 | 0.381 | 0.460 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.18 | 22.20 | 1.265 | - | - | -0.18 | 0.393 | 0.497 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.38 | 22.20 | 1.208 | - | - | 0.03 | 0.395 | 0.477 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.18 | 22.20 | 1.265 | - | - | 0.03 | 0.376 | 0.476 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.38 | 22.20 | 1.208 | - | - | 0.09 | 0.516 | 0.623 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.18 | 22.20 | 1.265 | - | - | -0.06 | 0.484 | 0.612 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.38 | 22.20 | 1.208 | - | - | 0.19 | 0.036 | 0.043 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 136100 | 680.5 | Open | 21.18 | 22.20 | 1.265 | - | - | 0.18 | 0.039 | 0.049 |
| 835MHZ | | | | | | | | | | | | | | | | | | | | | |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | DSI 9 | 189 | 836.4 | Open | 28.23 | 29.50 | 1.340 | - | - | 0.02 | 0.391 | 0.524 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 9 | 189 | 836.4 | Open | 28.23 | 29.50 | 1.340 | - | - | 0.02 | 0.598 | 0.801 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 9 | 128 | 824.2 | Open | 28.20 | 29.50 | 1.349 | - | - | 0.15 | 0.624 | 0.842 |
| 42 | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 9 | 251 | 848.8 | Open | 28.16 | 29.50 | 1.361 | - | - | -0.15 | 0.954 | 1.299 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Side | 5mm | Ant 0 | DSI 9 | 189 | 836.4 | Open | 28.23 | 29.50 | 1.340 | - | - | 0.18 | 0.326 | 0.437 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 9 | 189 | 836.4 | Open | 28.23 | 29.50 | 1.340 | - | - | 0.07 | 0.808 | 1.082 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 9 | 128 | 824.2 | Open | 28.20 | 29.50 | 1.349 | - | - | 0.12 | 0.772 | 1.041 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 9 | 251 | 848.8 | Open | 28.16 | 29.50 | 1.361 | - | - | -0.08 | 0.928 | 1.263 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 1 | DSI 9 | 189 | 836.4 | Open | 24.22 | 24.90 | 1.169 | - | - | -0.02 | 0.240 | 0.281 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | DSI 9 | 189 | 836.4 | Open | 24.22 | 24.90 | 1.169 | - | - | -0.14 | 0.391 | 0.457 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 1 | DSI 9 | 189 | 836.4 | Open | 24.22 | 24.90 | 1.169 | - | - | 0.06 | 0.525 | 0.614 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 1 | DSI 9 | 128 | 824.2 | Open | 24.12 | 24.90 | 1.197 | - | - | 0.07 | 0.452 | 0.541 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 1 | DSI 9 | 251 | 848.8 | Open | 24.07 | 24.90 | 1.211 | - | - | 0.05 | 0.504 | 0.610 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Top Side | 5mm | Ant 1 | DSI 9 | 189 | 836.4 | Open | 24.22 | 24.90 | 1.169 | - | - | 0.15 | 0.029 | 0.034 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | DSI 9 | 4182 | 836.4 | Open | 23.44 | 24.30 | 1.219 | - | - | 0.04 | 0.466 | 0.568 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 9 | 4182 | 836.4 | Open | 23.44 | 24.30 | 1.219 | - | - | 0.13 | 0.852 | 1.039 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 9 | 4132 | 826.4 | Open | 23.27 | 24.30 | 1.268 | - | - | 0.07 | 0.713 | 0.904 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 9 | 4233 | 846.6 | Open | 23.21 | 24.30 | 1.285 | - | - | 0.17 | 0.798 | 1.026 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 0 | DSI 9 | 4182 | 836.4 | Open | 23.44 | 24.30 | 1.219 | - | - | -0.01 | 0.348 | 0.424 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 9 | 4182 | 836.4 | Open | 23.44 | 24.30 | 1.219 | - | - | 0.1 | 0.895 | 1.091 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 9 | 4132 | 826.4 | Open | 23.27 | 24.30 | 1.268 | - | - | 0.05 | 0.855 | 1.084 |
| 43 | WCDMA V | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 9 | 4233 | 846.6 | Open | 23.21 | 24.30 | 1.285 | - | - | 0.17 | 0.986 | 1.267 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | DSI 9 | 4182 | 836.4 | Open | 19.98 | 21.40 | 1.387 | - | - | 0.08 | 0.389 | 0.539 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | DSI 9 | 4182 | 836.4 | Open | 19.98 | 21.40 | 1.387 | - | - | -0.15 | 0.432 | 0.599 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 1 | DSI 9 | 4182 | 836.4 | Open | 19.98 | 21.40 | 1.387 | - | - | 0.05 | 0.346 | 0.480 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 1 | DSI 9 | 4182 | 836.4 | Open | 19.98 | 21.40 | 1.387 | - | - | 0.03 | 0.040 | 0.055 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.20 | 23.50 | 1.349 | - | - | 0.03 | 0.615 | 0.830 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.13 | 23.50 | 1.371 | - | - | 0.05 | 0.551 | 0.755 |
| | LTE Band 26 | 15M | QPSK | 75 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.12 | 23.50 | 1.374 | - | - | -0.13 | 0.552 | 0.758 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.20 | 23.50 | 1.349 | - | - | -0.17 | 0.751 | 1.013 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.13 | 23.50 | 1.371 | - | - | -0.15 | 0.488 | 0.669 |
| | LTE Band 26 | 15M | QPSK | 75 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.12 | 23.50 | 1.374 | - | - | 0.01 | 0.705 | 0.969 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 26865 | 831.5 | Open | 22.20 | 23.50 | 1.349 | - | - | 0.15 | 0.332 | 0.448 |



Table with columns for test parameters (Band, Power, Modulation, etc.) and SAR results. Includes rows for LTE Band 26, LTE Band 5B, FR1 n26, and WCDMA IV across various frequencies and antenna orientations. Some cells are highlighted in yellow (e.g., 1.268, 1.280, 1.275).



FCC SAR Test Report

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| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 3 | DSI 9 | 1413 | 1732.6 | Open | 16.17 | 17.20 | 1.268 | - | - | -0.03 | 0.492 | 0.624 |
|----|----------------------|-----|------|-----|----|--------------|-------------|-----|-------|-------|---------------|-------------|------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.56 | 20.50 | 1.242 | - | - | 0.03 | 0.790 | 0.981 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132072 | 1720 | Open | 19.55 | 20.50 | 1.245 | - | - | 0.03 | 0.786 | 0.978 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.52 | 20.50 | 1.253 | - | - | -0.06 | 0.803 | 1.006 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.51 | 20.50 | 1.256 | - | - | -0.04 | 0.665 | 0.835 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132072 | 1720 | Open | 19.39 | 20.50 | 1.291 | - | - | -0.11 | 0.660 | 0.852 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.42 | 20.50 | 1.282 | - | - | 0.13 | 0.686 | 0.880 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.46 | 20.50 | 1.271 | - | - | -0.05 | 0.660 | 0.839 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.56 | 20.50 | 1.242 | - | - | 0.04 | 0.995 | 1.235 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132072 | 1720 | Open | 19.55 | 20.50 | 1.245 | - | - | 0.1 | 1.000 | 1.245 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.52 | 20.50 | 1.253 | - | - | -0.08 | 1.020 | 1.278 |
| | LTE Band 66C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132572+132374 | 1770+1750.2 | Open | 19.28 | 20.50 | 1.324 | - | - | 0.01 | 0.892 | 1.181 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.51 | 20.50 | 1.256 | - | - | 0.07 | 0.849 | 1.066 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132072 | 1720 | Open | 19.39 | 20.50 | 1.291 | - | - | -0.1 | 0.853 | 1.101 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.42 | 20.50 | 1.282 | - | - | -0.08 | 0.865 | 1.109 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.46 | 20.50 | 1.271 | - | - | -0.16 | 0.849 | 1.079 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.56 | 20.50 | 1.242 | - | - | 0.04 | 0.264 | 0.328 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.51 | 20.50 | 1.256 | - | - | 0.02 | 0.224 | 0.281 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.56 | 20.50 | 1.242 | - | - | 0.03 | 0.974 | 1.209 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132072 | 1720 | Open | 19.55 | 20.50 | 1.245 | - | - | 0.11 | 0.953 | 1.186 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.52 | 20.50 | 1.253 | - | - | 0.05 | 0.999 | 1.252 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.51 | 20.50 | 1.256 | - | - | 0.04 | 0.824 | 1.035 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132072 | 1720 | Open | 19.39 | 20.50 | 1.291 | - | - | 0.12 | 0.824 | 1.064 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.42 | 20.50 | 1.282 | - | - | 0.02 | 0.849 | 1.089 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 132322 | 1745 | Open | 19.46 | 20.50 | 1.271 | - | - | -0.18 | 0.824 | 1.047 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 132572 | 1770 | Open | 19.45 | 20.50 | 1.274 | - | - | -0.14 | 0.548 | 0.698 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 11.03 | 12.30 | 1.340 | - | - | 0.12 | 0.157 | 0.210 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 10.99 | 12.30 | 1.352 | - | - | 0.11 | 0.132 | 0.178 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 11.03 | 12.30 | 1.340 | - | - | 0.02 | 0.195 | 0.261 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 10.99 | 12.30 | 1.352 | - | - | 0.15 | 0.165 | 0.223 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 11.03 | 12.30 | 1.340 | - | - | 0.03 | 0.458 | 0.614 |
| | LTE Band 66C | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 1 | DSI 9 | 132322+132520 | 1745+1764.8 | Open | 10.95 | 12.30 | 1.365 | - | - | 0.01 | 0.412 | 0.562 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 10.99 | 12.30 | 1.352 | - | - | 0.09 | 0.388 | 0.525 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 11.03 | 12.30 | 1.340 | - | - | 0.01 | 0.006 | 0.008 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 132322 | 1745 | Open | 10.99 | 12.30 | 1.352 | - | - | 0.12 | 0.005 | 0.007 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 132572 | 1770 | Open | 10.83 | 12.30 | 1.403 | - | - | -0.18 | 0.399 | 0.560 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.81 | 20.90 | 1.285 | - | - | 0.02 | 0.626 | 0.805 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 132072 | 1720 | Open | 19.80 | 20.90 | 1.288 | - | - | -0.06 | 0.554 | 0.714 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 132572 | 1770 | Open | 19.66 | 20.90 | 1.330 | - | - | -0.08 | 0.593 | 0.789 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.75 | 20.90 | 1.303 | - | - | -0.18 | 0.542 | 0.706 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.73 | 20.90 | 1.309 | - | - | 0.05 | 0.525 | 0.687 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.81 | 20.90 | 1.285 | - | - | 0.04 | 0.745 | 0.958 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132072 | 1720 | Open | 19.80 | 20.90 | 1.288 | - | - | -0.15 | 0.711 | 0.916 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132572 | 1770 | Open | 19.66 | 20.90 | 1.330 | - | - | -0.04 | 0.762 | 1.014 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.75 | 20.90 | 1.303 | - | - | 0.04 | 0.660 | 0.860 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132072 | 1720 | Open | 19.66 | 20.90 | 1.330 | - | - | 0.06 | 0.643 | 0.855 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132572 | 1770 | Open | 19.65 | 20.90 | 1.334 | - | - | 0.04 | 0.660 | 0.880 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.73 | 20.90 | 1.309 | - | - | 0.07 | 0.638 | 0.835 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.81 | 20.90 | 1.285 | - | - | 0.04 | 0.350 | 0.450 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.75 | 20.90 | 1.303 | - | - | 0.07 | 0.297 | 0.387 |
| 47 | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.81 | 20.90 | 1.285 | - | - | 0.05 | 0.999 | 1.284 |
| | LTE Band 66C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 132322+132520 | 1745+1764.8 | Open | 19.74 | 20.90 | 1.306 | - | - | 0.09 | 0.901 | 1.177 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 132072 | 1720 | Open | 19.80 | 20.90 | 1.288 | - | - | -0.18 | 0.948 | 1.221 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 132572 | 1770 | Open | 19.66 | 20.90 | 1.330 | - | - | -0.04 | 0.892 | 1.187 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 132322 | 1745 | Open | 19.75 | 20.90 | 1.303 | - | - | 0.06 | 0.852 | 1.110 |



Table with columns for LTE Band, Modulation, Power, etc. Row 48 is highlighted in yellow.



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------|-----|------|----|----|-------------------|-------------|-----|-------|-------|--------|--------|------|-------|-------|-------|---|---|-------|-------|-------|--|--|
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.36 | 22.10 | 1.186 | - | - | 0.05 | 0.356 | 0.422 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.31 | 22.10 | 1.199 | - | - | -0.01 | 0.311 | 0.373 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.36 | 22.10 | 1.186 | - | - | -0.05 | 0.497 | 0.589 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.31 | 22.10 | 1.199 | - | - | 0.05 | 0.696 | 0.835 | | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.10 | 1.216 | - | - | 0.03 | 0.651 | 0.792 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.36 | 22.10 | 1.186 | - | - | 0.09 | 0.195 | 0.231 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.31 | 22.10 | 1.199 | - | - | -0.06 | 0.158 | 0.190 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.36 | 22.10 | 1.186 | - | - | -0.06 | 1.010 | 1.198 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.31 | 22.10 | 1.199 | - | - | 0.08 | 1.060 | 1.271 | | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.10 | 1.216 | - | - | 0.03 | 0.954 | 1.160 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.65 | 13.50 | 1.216 | - | - | -0.18 | 0.140 | 0.170 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.47 | 13.50 | 1.268 | - | - | -0.01 | 0.204 | 0.259 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.65 | 13.50 | 1.216 | - | - | 0.04 | 0.015 | 0.018 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.47 | 13.50 | 1.268 | - | - | 0.07 | 0.023 | 0.029 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.65 | 13.50 | 1.216 | - | - | -0.07 | 0.346 | 0.421 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.47 | 13.50 | 1.268 | - | - | 0 | 0.500 | 0.634 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.65 | 13.50 | 1.216 | - | - | 0.13 | 0.000 | 0.000 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 340500 | 1702.5 | Open | 12.47 | 13.50 | 1.268 | - | - | 0.04 | 0.009 | 0.011 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.28 | 22.20 | 1.236 | - | - | 0.06 | 0.152 | 0.188 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.20 | 1.245 | - | - | 0.01 | 0.183 | 0.228 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.28 | 22.20 | 1.236 | - | - | 0.07 | 0.815 | 1.007 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.20 | 1.245 | - | - | 0.04 | 0.896 | 1.115 | | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.20 | 1.245 | - | - | 0.01 | 0.818 | 1.018 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.28 | 22.20 | 1.236 | - | - | 0.04 | 0.259 | 0.320 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.20 | 1.245 | - | - | 0.08 | 0.333 | 0.414 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.28 | 22.20 | 1.236 | - | - | 0.14 | 0.758 | 0.937 | | |
| 49 | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.20 | 1.245 | - | - | 0.07 | 1.030 | 1.282 | | |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 340500 | 1702.5 | Open | 21.25 | 22.20 | 1.245 | - | - | 0.03 | 0.775 | 0.964 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.25 | 17.60 | 1.365 | - | - | 0.09 | 0.210 | 0.287 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.11 | 17.60 | 1.409 | - | - | -0.02 | 0.244 | 0.344 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.25 | 17.60 | 1.365 | - | - | 0.08 | 0.194 | 0.265 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.11 | 17.60 | 1.409 | - | - | 0.08 | 0.220 | 0.310 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.25 | 17.60 | 1.365 | - | - | -0.06 | 0.100 | 0.136 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.11 | 17.60 | 1.409 | - | - | 0.14 | 0.113 | 0.159 | | |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.25 | 17.60 | 1.365 | - | - | 0.09 | 0.337 | 0.460 | | |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 340500 | 1702.5 | Open | 16.11 | 17.60 | 1.409 | - | - | 0.04 | 0.438 | 0.617 | | |
| 1900MHz | | | | | | | | | | | | | | | | | | | | | | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | DSI 9 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | -0.13 | 0.753 | 0.963 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | DSI 9 | 512 | 1850.2 | Open | 22.51 | 23.70 | 1.315 | - | - | 0.07 | 0.665 | 0.875 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | DSI 9 | 810 | 1909.8 | Open | 22.54 | 23.70 | 1.306 | - | - | 0.08 | 0.665 | 0.869 | | |
| 50 | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 9 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | 0.12 | 1.020 | 1.305 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 9 | 512 | 1850.2 | Open | 22.51 | 23.70 | 1.315 | - | - | -0.11 | 0.912 | 1.199 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 9 | 810 | 1909.8 | Open | 22.54 | 23.70 | 1.306 | - | - | 0.05 | 0.950 | 1.241 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Side | 5mm | Ant 0 | DSI 9 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | 0.09 | 0.324 | 0.415 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 9 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | 0.02 | 0.958 | 1.226 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 9 | 512 | 1850.2 | Open | 22.51 | 23.70 | 1.315 | - | - | 0.08 | 0.921 | 1.211 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 9 | 810 | 1909.8 | Open | 22.54 | 23.70 | 1.306 | - | - | 0.02 | 0.912 | 1.191 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 1 | DSI 9 | 661 | 1880 | Open | 16.51 | 17.80 | 1.346 | - | - | -0.03 | 0.175 | 0.236 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | DSI 9 | 661 | 1880 | Open | 16.51 | 17.80 | 1.346 | - | - | 0.16 | 0.262 | 0.353 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 1 | DSI 9 | 661 | 1880 | Open | 16.51 | 17.80 | 1.346 | - | - | 0.06 | 0.463 | 0.623 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Top Side | 5mm | Ant 1 | DSI 9 | 661 | 1880 | Open | 16.51 | 17.80 | 1.346 | - | - | 0.02 | 0.007 | 0.009 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 2 | DSI 9 | 661 | 1880 | Open | 26.59 | 27.50 | 1.233 | - | - | 0.05 | 0.636 | 0.784 | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | DSI 9 | 661 | 1880 | Open | 26.59 | 27.50 | 1.233 | - | - | 0.07 | 0.758 | 0.935 | | |



| | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------|------|------|---|-------------------|--------------|-------------|-------|-------|-------|--------|--------|-------|-------|-------|-------|---|-------|-------|-------|-------|
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | DSI 9 | 512 | 1850.2 | Open | 26.56 | 27.50 | 1.242 | - | - | -0.19 | 0.586 | 0.728 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | DSI 9 | 810 | 1909.8 | Open | 26.31 | 27.50 | 1.315 | - | - | 0.08 | 0.666 | 0.876 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 2 | DSI 9 | 661 | 1880 | Open | 26.59 | 27.50 | 1.233 | - | - | 0.08 | 0.412 | 0.508 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 2 | DSI 9 | 661 | 1880 | Open | 26.59 | 27.50 | 1.233 | - | - | 0.08 | 0.901 | 1.111 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 2 | DSI 9 | 512 | 1850.2 | Open | 26.56 | 27.50 | 1.242 | - | - | 0.06 | 0.752 | 0.934 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 2 | DSI 9 | 810 | 1909.8 | Open | 26.31 | 27.50 | 1.315 | - | - | -0.02 | 0.748 | 0.984 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 3 | DSI 9 | 661 | 1880 | Open | 22.15 | 23.20 | 1.274 | - | - | 0.15 | 0.313 | 0.399 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 3 | DSI 9 | 661 | 1880 | Open | 22.15 | 23.20 | 1.274 | - | - | -0.18 | 0.300 | 0.382 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Side | 5mm | Ant 3 | DSI 9 | 661 | 1880 | Open | 22.15 | 23.20 | 1.274 | - | - | 0.04 | 0.127 | 0.162 | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Top Side | 5mm | Ant 3 | DSI 9 | 661 | 1880 | Open | 22.15 | 23.20 | 1.274 | - | - | 0.09 | 0.492 | 0.627 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | DSI 9 | 9400 | 1880 | Open | 17.87 | 18.70 | 1.211 | - | - | 0.18 | 0.472 | 0.571 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 9 | 9400 | 1880 | Open | 17.87 | 18.70 | 1.211 | - | - | 0.07 | 0.701 | 0.849 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 9 | 9262 | 1852.4 | Open | 17.68 | 18.70 | 1.265 | - | - | 0.04 | 0.621 | 0.785 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 9 | 9538 | 1907.6 | Open | 17.74 | 18.70 | 1.247 | - | - | 0.01 | 0.624 | 0.778 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 0 | DSI 9 | 9400 | 1880 | Open | 17.87 | 18.70 | 1.211 | - | - | 0.07 | 0.250 | 0.303 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 9 | 9400 | 1880 | Open | 17.87 | 18.70 | 1.211 | - | - | -0.04 | 0.905 | 1.096 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 9 | 9262 | 1852.4 | Open | 17.68 | 18.70 | 1.265 | - | - | 0.02 | 0.746 | 0.943 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 9 | 9538 | 1907.6 | Open | 17.74 | 18.70 | 1.247 | - | - | -0.08 | 0.950 | 1.185 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | DSI 9 | 9400 | 1880 | Open | 12.63 | 13.70 | 1.279 | - | - | 0.18 | 0.244 | 0.312 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | DSI 9 | 9400 | 1880 | Open | 12.63 | 13.70 | 1.279 | - | - | 0.07 | 0.231 | 0.296 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 1 | DSI 9 | 9400 | 1880 | Open | 12.63 | 13.70 | 1.279 | - | - | -0.07 | 0.457 | 0.585 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 1 | DSI 9 | 9262 | 1852.4 | Open | 12.57 | 13.70 | 1.297 | - | - | 0.17 | 0.477 | 0.619 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | DSI 9 | 9400 | 1880 | Open | 19.66 | 20.80 | 1.300 | - | - | 0.08 | 0.637 | 0.828 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | DSI 9 | 9262 | 1852.4 | Open | 19.54 | 20.80 | 1.337 | - | - | -0.06 | 0.637 | 0.851 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | DSI 9 | 9538 | 1907.6 | Open | 19.52 | 20.80 | 1.343 | - | - | 0.04 | 0.653 | 0.877 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | DSI 9 | 9400 | 1880 | Open | 19.66 | 20.80 | 1.300 | - | - | 0.11 | 0.760 | 0.988 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | DSI 9 | 9262 | 1852.4 | Open | 19.54 | 20.80 | 1.337 | - | - | 0.06 | 0.772 | 1.032 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | DSI 9 | 9538 | 1907.6 | Open | 19.52 | 20.80 | 1.343 | - | - | -0.16 | 0.811 | 1.089 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 2 | DSI 9 | 9400 | 1880 | Open | 19.66 | 20.80 | 1.300 | - | - | 0.16 | 0.398 | 0.517 | |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 2 | DSI 9 | 9400 | 1880 | Open | 19.66 | 20.80 | 1.300 | - | - | 0.03 | 0.851 | 1.106 | |
| 51 | WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 2 | DSI 9 | 9262 | 1852.4 | Open | 19.54 | 20.80 | 1.337 | - | - | 0.01 | 0.952 | 1.272 |
| WCDMA II | - | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 2 | DSI 9 | 9538 | 1907.6 | Open | 19.52 | 20.80 | 1.343 | - | - | 0.1 | 0.907 | 1.218 |
| WCDMA II | - | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | DSI 9 | 9400 | 1880 | Open | 16.33 | 17.60 | 1.340 | - | - | 0.16 | 0.251 | 0.336 |
| WCDMA II | - | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | DSI 9 | 9400 | 1880 | Open | 16.33 | 17.60 | 1.340 | - | - | -0.06 | 0.251 | 0.336 |
| WCDMA II | - | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 3 | DSI 9 | 9400 | 1880 | Open | 16.33 | 17.60 | 1.340 | - | - | -0.01 | 0.127 | 0.170 |
| WCDMA II | - | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 3 | DSI 9 | 9400 | 1880 | Open | 16.33 | 17.60 | 1.340 | - | - | 0.11 | 0.463 | 0.620 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.04 | 0.914 | 1.062 | |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26140 | 1860 | Open | 20.54 | 21.30 | 1.191 | - | - | 0.09 | 0.775 | 0.923 | |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26590 | 1905 | Open | 20.60 | 21.30 | 1.175 | - | - | 0.07 | 0.771 | 0.906 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.56 | 21.30 | 1.186 | - | - | -0.08 | 0.775 | 0.919 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26140 | 1860 | Open | 20.54 | 21.30 | 1.191 | - | - | -0.11 | 0.641 | 0.764 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26590 | 1905 | Open | 20.45 | 21.30 | 1.216 | - | - | 0.15 | 0.641 | 0.780 | |
| LTE Band 25 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.55 | 21.30 | 1.189 | - | - | -0.08 | 0.767 | 0.912 | |
| 52 | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.04 | 1.100 | 1.278 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26140 | 1860 | Open | 20.54 | 21.30 | 1.191 | - | - | -0.15 | 0.918 | 1.094 | |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26590 | 1905 | Open | 20.60 | 21.30 | 1.175 | - | - | 0.09 | 0.927 | 1.089 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.56 | 21.30 | 1.186 | - | - | 0.13 | 0.931 | 1.104 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26140 | 1860 | Open | 20.54 | 21.30 | 1.191 | - | - | 0.03 | 0.719 | 0.857 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26590 | 1905 | Open | 20.45 | 21.30 | 1.216 | - | - | 0.04 | 0.767 | 0.933 | |
| LTE Band 25 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.55 | 21.30 | 1.189 | - | - | 0.06 | 0.931 | 1.106 | |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.06 | 0.369 | 0.429 | |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.56 | 21.30 | 1.186 | - | - | 0.12 | 0.311 | 0.369 | |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.06 | 0.892 | 1.036 | |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 26140 | 1860 | Open | 20.54 | 21.30 | 1.191 | - | - | -0.11 | 0.758 | 0.903 | |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns for LTE Band 25, 20M, QPSK, 1 0, -, location (e.g., Bottom Side, Front, Back, Left Side, Right Side, Top Side), 5mm, Ant 0-3, DSI 9, frequency (e.g., 26590, 26340, 26140, 18900, 1880), PA (1880, 1860, 1905), Open, and SAR values (e.g., 20.60, 21.30, 1.175, 0.11, 0.762, 0.895).



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Table with columns for test parameters (FR1 n25, 20M, QPSK, etc.) and SAR results. Row 53 is highlighted with a yellow background.



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------|-----|------|-----|----|---------------|-------------|-----|-------|-------|--------|------|------|-------|-------|-------|---|---|-------|-------|--------------|
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 376000 | 1880 | Open | 15.68 | 17.10 | 1.387 | - | - | 0.01 | 0.422 | 0.585 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 19.11 | 20.10 | 1.256 | - | - | 0.11 | 0.486 | 0.610 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 18.99 | 20.10 | 1.291 | - | - | 0.06 | 0.518 | 0.669 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 19.11 | 20.10 | 1.256 | - | - | 0.05 | 0.685 | 0.860 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 372000 | 1860 | Open | 18.68 | 20.10 | 1.387 | - | - | 0.04 | 0.595 | 0.825 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 380000 | 1900 | Open | 18.75 | 20.10 | 1.365 | - | - | -0.16 | 0.523 | 0.714 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 18.99 | 20.10 | 1.291 | - | - | 0.18 | 0.701 | 0.905 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 372000 | 1860 | Open | 18.64 | 20.10 | 1.400 | - | - | 0.07 | 0.612 | 0.857 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 380000 | 1900 | Open | 18.67 | 20.10 | 1.390 | - | - | 0.04 | 0.615 | 0.855 |
| | FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 18.88 | 20.10 | 1.324 | - | - | 0.09 | 0.723 | 0.957 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 19.11 | 20.10 | 1.256 | - | - | 0.03 | 0.259 | 0.325 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 18.99 | 20.10 | 1.291 | - | - | -0.16 | 0.262 | 0.338 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 19.11 | 20.10 | 1.256 | - | - | 0.17 | 0.995 | 1.250 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 372000 | 1860 | Open | 18.68 | 20.10 | 1.387 | - | - | 0.03 | 0.891 | 1.236 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 380000 | 1900 | Open | 18.75 | 20.10 | 1.365 | - | - | 0.03 | 0.907 | 1.238 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 18.99 | 20.10 | 1.291 | - | - | 0.06 | 0.912 | 1.178 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 372000 | 1860 | Open | 18.64 | 20.10 | 1.400 | - | - | 0.09 | 0.885 | 1.239 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 380000 | 1900 | Open | 18.67 | 20.10 | 1.390 | - | - | 0.03 | 0.825 | 1.147 |
| | FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 376000 | 1880 | Open | 18.88 | 20.10 | 1.324 | - | - | 0.09 | 0.923 | 1.222 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.26 | 9.90 | 1.159 | - | - | 0.13 | 0.249 | 0.289 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.22 | 9.90 | 1.169 | - | - | 0.03 | 0.246 | 0.288 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.26 | 9.90 | 1.159 | - | - | 0.08 | 0.247 | 0.286 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.22 | 9.90 | 1.169 | - | - | -0.18 | 0.235 | 0.275 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.26 | 9.90 | 1.159 | - | - | 0.05 | 0.511 | 0.592 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.22 | 9.90 | 1.169 | - | - | 0.05 | 0.490 | 0.573 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.26 | 9.90 | 1.159 | - | - | 0.08 | 0.007 | 0.008 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 376000 | 1880 | Open | 9.22 | 9.90 | 1.169 | - | - | 0.02 | 0.007 | 0.008 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.27 | 22.70 | 1.390 | - | - | 0.08 | 0.649 | 0.902 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 372000 | 1860 | Open | 21.11 | 22.70 | 1.442 | - | - | 0.03 | 0.611 | 0.881 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 380000 | 1900 | Open | 20.90 | 22.70 | 1.514 | - | - | 0.01 | 0.622 | 0.941 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.08 | 22.70 | 1.452 | - | - | 0.04 | 0.660 | 0.958 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 372000 | 1860 | Open | 20.95 | 22.70 | 1.496 | - | - | -0.15 | 0.601 | 0.899 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 380000 | 1900 | Open | 20.89 | 22.70 | 1.517 | - | - | 0.12 | 0.603 | 0.915 |
| | FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 20.98 | 22.70 | 1.486 | - | - | -0.05 | 0.593 | 0.881 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.27 | 22.70 | 1.390 | - | - | 0.06 | 0.733 | 1.019 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 372000 | 1860 | Open | 21.11 | 22.70 | 1.442 | - | - | 0.06 | 0.711 | 1.025 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 380000 | 1900 | Open | 20.90 | 22.70 | 1.514 | - | - | -0.1 | 0.702 | 1.063 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.08 | 22.70 | 1.452 | - | - | 0.06 | 0.739 | 1.073 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 372000 | 1860 | Open | 20.95 | 22.70 | 1.496 | - | - | -0.09 | 0.701 | 1.049 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 380000 | 1900 | Open | 20.89 | 22.70 | 1.517 | - | - | 0.03 | 0.699 | 1.060 |
| | FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 20.98 | 22.70 | 1.486 | - | - | -0.08 | 0.716 | 1.064 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.27 | 22.70 | 1.390 | - | - | 0.12 | 0.375 | 0.521 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.08 | 22.70 | 1.452 | - | - | 0.12 | 0.388 | 0.563 |
| | FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 20.98 | 22.70 | 1.486 | - | - | -0.11 | 0.371 | 0.551 |
| 54 | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.27 | 22.70 | 1.390 | - | - | -0.09 | 0.912 | 1.268 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 372000 | 1860 | Open | 21.11 | 22.70 | 1.442 | - | - | 0.03 | 0.838 | 1.208 |
| | FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 380000 | 1900 | Open | 20.90 | 22.70 | 1.514 | - | - | -0.08 | 0.812 | 1.229 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 21.08 | 22.70 | 1.452 | - | - | 0.1 | 0.854 | 1.240 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 372000 | 1860 | Open | 20.95 | 22.70 | 1.496 | - | - | 0.03 | 0.811 | 1.213 |
| | FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 380000 | 1900 | Open | 20.89 | 22.70 | 1.517 | - | - | -0.05 | 0.803 | 1.218 |
| | FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 376000 | 1880 | Open | 20.98 | 22.70 | 1.486 | - | - | -0.14 | 0.818 | 1.215 |
| 2300MHz | | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.32 | 19.10 | 1.197 | - | - | 0.02 | 0.810 | 0.969 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.21 | 19.10 | 1.227 | - | - | -0.14 | 0.618 | 0.759 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.11 | 19.10 | 1.256 | - | - | -0.04 | 0.650 | 0.816 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.32 | 19.10 | 1.197 | - | - | 0.12 | 0.921 | 1.102 |



FCC SAR Test Report

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|----|-------------|-----|------|----|----|---------------|-------------|-----|-------|-------|--------|------|------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.21 | 19.10 | 1.227 | - | - | -0.19 | 0.708 | 0.869 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.11 | 19.10 | 1.256 | - | - | -0.04 | 0.740 | 0.929 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.32 | 19.10 | 1.197 | - | - | -0.18 | 0.478 | 0.572 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.21 | 19.10 | 1.227 | - | - | -0.03 | 0.480 | 0.589 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.11 | 19.10 | 1.256 | - | - | 0.06 | 0.515 | 0.647 |
| 55 | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.32 | 19.10 | 1.197 | - | - | -0.01 | 1.080 | 1.292 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.21 | 19.10 | 1.227 | - | - | 0.03 | 0.818 | 1.004 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 27710 | 2310 | Open | 18.11 | 19.10 | 1.256 | - | - | 0.08 | 0.858 | 1.078 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.17 | 13.40 | 1.327 | - | - | -0.1 | 0.157 | 0.208 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.03 | 13.40 | 1.371 | - | - | 0.02 | 0.117 | 0.160 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.17 | 13.40 | 1.327 | - | - | 0.03 | 0.350 | 0.465 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.03 | 13.40 | 1.371 | - | - | 0.02 | 0.276 | 0.378 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.17 | 13.40 | 1.327 | - | - | 0.03 | 0.470 | 0.624 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.03 | 13.40 | 1.371 | - | - | 0.02 | 0.379 | 0.520 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.17 | 13.40 | 1.327 | - | - | 0.19 | 0.089 | 0.118 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 27710 | 2310 | Open | 12.03 | 13.40 | 1.371 | - | - | 0.12 | 0.069 | 0.095 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.44 | 22.60 | 1.306 | - | - | 0.14 | 0.824 | 1.076 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.36 | 22.60 | 1.330 | - | - | 0.04 | 0.667 | 0.887 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.31 | 22.60 | 1.346 | - | - | 0.02 | 0.663 | 0.892 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.44 | 22.60 | 1.306 | - | - | 0.05 | 0.893 | 1.166 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.36 | 22.60 | 1.330 | - | - | -0.08 | 0.744 | 0.990 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.31 | 22.60 | 1.346 | - | - | 0.09 | 0.763 | 1.027 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.44 | 22.60 | 1.306 | - | - | 0.03 | 0.302 | 0.394 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.36 | 22.60 | 1.330 | - | - | 0.02 | 0.242 | 0.322 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.44 | 22.60 | 1.306 | - | - | 0.04 | 0.983 | 1.284 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.36 | 22.60 | 1.330 | - | - | 0.17 | 0.783 | 1.042 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 27710 | 2310 | Open | 21.31 | 22.60 | 1.346 | - | - | 0.06 | 0.794 | 1.069 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.39 | 19.50 | 1.291 | - | - | 0.05 | 0.421 | 0.544 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.31 | 19.50 | 1.315 | - | - | 0.09 | 0.328 | 0.431 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.39 | 19.50 | 1.291 | - | - | -0.02 | 0.486 | 0.628 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.31 | 19.50 | 1.315 | - | - | 0.03 | 0.364 | 0.479 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.39 | 19.50 | 1.291 | - | - | 0.07 | 0.325 | 0.420 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.31 | 19.50 | 1.315 | - | - | -0.17 | 0.253 | 0.333 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.39 | 19.50 | 1.291 | - | - | 0.09 | 0.431 | 0.557 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 3 | DSI 9 | 27710 | 2310 | Open | 18.31 | 19.50 | 1.315 | - | - | -0.1 | 0.347 | 0.456 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.63 | 19.80 | 1.309 | - | - | 0.06 | 0.559 | 0.732 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.45 | 19.80 | 1.365 | - | - | 0.1 | 0.605 | 0.826 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.29 | 19.80 | 1.416 | - | - | -0.03 | 0.501 | 0.709 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.63 | 19.80 | 1.309 | - | - | 0.06 | 0.790 | 1.034 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.45 | 19.80 | 1.365 | - | - | 0.03 | 0.760 | 1.037 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.29 | 19.80 | 1.416 | - | - | 0.01 | 0.767 | 1.086 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.63 | 19.80 | 1.309 | - | - | -0.17 | 0.498 | 0.652 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.45 | 19.80 | 1.365 | - | - | -0.14 | 0.475 | 0.648 |
| 56 | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.63 | 19.80 | 1.309 | - | - | -0.13 | 0.985 | 1.290 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.45 | 19.80 | 1.365 | - | - | 0.11 | 0.922 | 1.258 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 462000 | 2310 | Open | 18.29 | 19.80 | 1.416 | - | - | 0.16 | 0.885 | 1.253 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.65 | 13.70 | 1.274 | - | - | 0.05 | 0.281 | 0.358 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.62 | 13.70 | 1.282 | - | - | -0.07 | 0.211 | 0.271 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.65 | 13.70 | 1.274 | - | - | 0.19 | 0.264 | 0.336 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.62 | 13.70 | 1.282 | - | - | -0.18 | 0.198 | 0.254 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.65 | 13.70 | 1.274 | - | - | 0.05 | 0.493 | 0.628 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.62 | 13.70 | 1.282 | - | - | -0.02 | 0.395 | 0.507 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.65 | 13.70 | 1.274 | - | - | -0.16 | 0.089 | 0.113 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 9 | 462000 | 2310 | Open | 12.62 | 13.70 | 1.282 | - | - | 0.07 | 0.084 | 0.108 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.71 | 23.00 | 1.346 | - | - | 0.13 | 0.546 | 0.735 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.38 | 23.00 | 1.452 | - | - | 0.13 | 0.530 | 0.770 |



FCC SAR Test Report

Report No. : FA340401-01

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|----------------|---------------------|-----|------|-----|----|---------------|-------------|-----|-------|-------|-------------|-------------|------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.71 | 23.00 | 1.346 | - | - | 0.07 | 0.782 | 1.052 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.38 | 23.00 | 1.452 | - | - | 0.09 | 0.689 | 1.001 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 20.11 | 22.00 | 1.545 | - | - | 0.07 | 0.648 | 1.001 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.71 | 23.00 | 1.346 | - | - | 0.09 | 0.216 | 0.291 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.38 | 23.00 | 1.452 | - | - | 0.01 | 0.216 | 0.314 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.71 | 23.00 | 1.346 | - | - | -0.06 | 0.815 | 1.097 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 21.38 | 23.00 | 1.452 | - | - | 0.09 | 0.747 | 1.085 |
| | FR1 n30 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 462000 | 2310 | Open | 20.11 | 22.00 | 1.545 | - | - | 0.02 | 0.668 | 1.032 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.26 | 19.00 | 1.186 | - | - | -0.17 | 0.466 | 0.553 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.06 | 19.00 | 1.242 | - | - | 0.02 | 0.292 | 0.363 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.26 | 19.00 | 1.186 | - | - | -0.09 | 0.391 | 0.464 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.06 | 19.00 | 1.242 | - | - | 0.06 | 0.279 | 0.346 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.26 | 19.00 | 1.186 | - | - | 0.13 | 0.343 | 0.407 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.06 | 19.00 | 1.242 | - | - | 0.08 | 0.265 | 0.329 |
| | FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.26 | 19.00 | 1.186 | - | - | 0.07 | 0.529 | 0.627 |
| | FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 462000 | 2310 | Open | 18.06 | 19.00 | 1.242 | - | - | 0.07 | 0.322 | 0.400 |
| 2600MHz | | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.63 | 17.70 | 1.279 | - | - | 0.09 | 0.683 | 0.874 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 20850 | 2510 | Open | 16.47 | 17.70 | 1.327 | - | - | 0.04 | 0.804 | 1.067 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 21350 | 2560 | Open | 16.62 | 17.70 | 1.282 | - | - | 0.08 | 0.641 | 0.822 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.59 | 17.70 | 1.291 | - | - | 0.03 | 0.587 | 0.758 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.48 | 17.70 | 1.324 | - | - | -0.06 | 0.573 | 0.759 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.63 | 17.70 | 1.279 | - | - | 0.02 | 0.804 | 1.029 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 20850 | 2510 | Open | 16.47 | 17.70 | 1.327 | - | - | 0.04 | 0.719 | 0.954 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 21350 | 2560 | Open | 16.62 | 17.70 | 1.282 | - | - | 0.11 | 0.751 | 0.963 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.59 | 17.70 | 1.291 | - | - | 0.05 | 0.687 | 0.887 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 20850 | 2510 | Open | 16.43 | 17.70 | 1.340 | - | - | 0.04 | 0.701 | 0.939 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 21350 | 2560 | Open | 16.57 | 17.70 | 1.297 | - | - | -0.07 | 0.658 | 0.854 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.48 | 17.70 | 1.324 | - | - | 0.11 | 0.673 | 0.891 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.63 | 17.70 | 1.279 | - | - | 0.13 | 0.396 | 0.507 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.59 | 17.70 | 1.291 | - | - | -0.09 | 0.391 | 0.505 |
| 57 | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.63 | 17.70 | 1.279 | - | - | -0.12 | 1.000 | 1.279 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21100+21298 | 2535+2554.8 | Open | 16.45 | 17.70 | 1.334 | - | - | 0.04 | 0.859 | 1.145 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 20850 | 2510 | Open | 16.47 | 17.70 | 1.327 | - | - | 0.07 | 0.854 | 1.134 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21350 | 2560 | Open | 16.62 | 17.70 | 1.282 | - | - | 0.04 | 0.854 | 1.095 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.59 | 17.70 | 1.291 | - | - | -0.16 | 0.904 | 1.167 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 20850 | 2510 | Open | 16.43 | 17.70 | 1.340 | - | - | 0.08 | 0.836 | 1.120 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21350 | 2560 | Open | 16.57 | 17.70 | 1.297 | - | - | -0.11 | 0.875 | 1.135 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.48 | 17.70 | 1.324 | - | - | 0.01 | 0.854 | 1.131 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 21100 | 2535 | Open | 16.57 | 17.70 | 1.297 | - | - | 0.03 | 0.951 | 1.234 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.49 | 14.60 | 1.291 | - | - | 0.18 | 0.355 | 0.458 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.18 | 14.60 | 1.387 | - | - | 0.07 | 0.289 | 0.401 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.49 | 14.60 | 1.291 | - | - | -0.14 | 0.318 | 0.411 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.18 | 14.60 | 1.387 | - | - | -0.14 | 0.347 | 0.481 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.49 | 14.60 | 1.291 | - | - | 0.04 | 0.476 | 0.615 |
| | LTE Band 7C | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 21350+21152 | 2560+2540.2 | Open | 13.08 | 14.60 | 1.419 | - | - | 0.01 | 0.412 | 0.585 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.18 | 14.60 | 1.387 | - | - | -0.13 | 0.281 | 0.390 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.00 | 14.60 | 1.445 | - | - | 0.08 | 0.265 | 0.383 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.49 | 14.60 | 1.291 | - | - | 0.08 | 0.109 | 0.141 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 13.18 | 14.60 | 1.387 | - | - | 0.06 | 0.111 | 0.154 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 21350 | 2560 | Open | 14.34 | 14.60 | 1.062 | - | - | 0.03 | 0.415 | 0.441 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.34 | 20.70 | 1.368 | - | - | 0.14 | 0.683 | 0.934 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 20850 | 2510 | Open | 19.24 | 20.70 | 1.400 | - | - | 0.02 | 0.581 | 0.813 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 21350 | 2560 | Open | 19.30 | 20.70 | 1.380 | - | - | -0.02 | 0.550 | 0.759 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.25 | 20.70 | 1.396 | - | - | 0.1 | 0.591 | 0.825 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|---------------------|-----|------|-----|----|---|-------------|-----|-------|-------|-------------|---------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 20850 | 2510 | Open | 19.17 | 20.70 | 1.422 | - | - | 0.16 | 0.486 | 0.691 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 21350 | 2560 | Open | 19.14 | 20.70 | 1.432 | - | - | -0.18 | 0.500 | 0.716 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.22 | 20.70 | 1.406 | - | - | -0.16 | 0.555 | 0.780 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.34 | 20.70 | 1.368 | - | - | 0.05 | 0.889 | 1.216 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 20850 | 2510 | Open | 19.24 | 20.70 | 1.400 | - | - | 0.03 | 0.776 | 1.086 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 21350 | 2560 | Open | 19.30 | 20.70 | 1.380 | - | - | -0.11 | 0.730 | 1.008 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.25 | 20.70 | 1.396 | - | - | 0.01 | 0.776 | 1.084 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 20850 | 2510 | Open | 19.17 | 20.70 | 1.422 | - | - | 0.08 | 0.658 | 0.936 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 21350 | 2560 | Open | 19.14 | 20.70 | 1.432 | - | - | 0.04 | 0.668 | 0.957 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.22 | 20.70 | 1.406 | - | - | 0.16 | 0.745 | 1.048 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.34 | 20.70 | 1.368 | - | - | 0.12 | 0.295 | 0.403 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.25 | 20.70 | 1.396 | - | - | -0.12 | 0.250 | 0.349 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.34 | 20.70 | 1.368 | - | - | 0.06 | 0.930 | 1.272 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21100+21298 | 2535+2554.8 | Open | 19.14 | 20.70 | 1.432 | - | - | 0.01 | 0.810 | 1.160 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 20850 | 2510 | Open | 19.24 | 20.70 | 1.400 | - | - | 0.05 | 0.838 | 1.173 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21350 | 2560 | Open | 19.30 | 20.70 | 1.380 | - | - | 0.05 | 0.745 | 1.028 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.25 | 20.70 | 1.396 | - | - | 0.07 | 0.796 | 1.112 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 20850 | 2510 | Open | 19.17 | 20.70 | 1.422 | - | - | 0.15 | 0.709 | 1.008 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21350 | 2560 | Open | 19.14 | 20.70 | 1.432 | - | - | -0.02 | 0.668 | 0.957 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.22 | 20.70 | 1.406 | - | - | 0.08 | 0.776 | 1.091 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 21100 | 2535 | Open | 19.23 | 20.70 | 1.403 | - | - | -0.11 | 0.445 | 0.624 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.64 | 18.70 | 1.276 | - | - | -0.15 | 0.435 | 0.555 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.55 | 18.70 | 1.303 | - | - | 0.03 | 0.426 | 0.555 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.64 | 18.70 | 1.276 | - | - | -0.1 | 0.488 | 0.623 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 3 | DSI 9 | 21100+21298 | 2535+2554.8 | Open | 17.55 | 18.70 | 1.303 | - | - | 0.02 | 0.405 | 0.528 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.55 | 18.70 | 1.303 | - | - | 0.05 | 0.451 | 0.588 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.64 | 18.70 | 1.276 | - | - | 0.12 | 0.313 | 0.400 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.55 | 18.70 | 1.303 | - | - | 0.06 | 0.294 | 0.383 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.64 | 18.70 | 1.276 | - | - | -0.05 | 0.457 | 0.583 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.55 | 18.70 | 1.303 | - | - | 0.19 | 0.423 | 0.551 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 9 | 21100 | 2535 | Open | 17.56 | 18.70 | 1.300 | - | - | 0.02 | 0.221 | 0.287 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.10 | 21.00 | 1.230 | 62.9 | 1.006 | 0.16 | 0.441 | 0.546 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.01 | 21.00 | 1.256 | 62.9 | 1.006 | 0.08 | 0.469 | 0.593 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.10 | 21.00 | 1.230 | 62.9 | 1.006 | 0.11 | 0.554 | 0.686 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 39750 | 2506 | Open | 19.83 | 21.00 | 1.309 | 62.9 | 1.006 | 0.01 | 0.335 | 0.441 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 40185 | 2549.5 | Open | 19.98 | 21.00 | 1.265 | 62.9 | 1.006 | -0.09 | 0.478 | 0.608 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 41055 | 2636.5 | Open | 20.05 | 21.00 | 1.245 | 62.9 | 1.006 | 0.05 | 0.704 | 0.881 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 41490 | 2680 | Open | 19.80 | 21.00 | 1.318 | 62.9 | 1.006 | 0.08 | 0.554 | 0.735 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.01 | 21.00 | 1.256 | 62.9 | 1.006 | 0.14 | 0.603 | 0.762 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 39750 | 2506 | Open | 19.82 | 21.00 | 1.312 | 62.9 | 1.006 | 0.03 | 0.326 | 0.430 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 40185 | 2549.5 | Open | 19.86 | 21.00 | 1.300 | 62.9 | 1.006 | -0.08 | 0.530 | 0.693 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 41055 | 2636.5 | Open | 19.98 | 21.00 | 1.265 | 62.9 | 1.006 | 0.04 | 0.676 | 0.860 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 41490 | 2680 | Open | 19.67 | 21.00 | 1.358 | 62.9 | 1.006 | 0.04 | 0.558 | 0.762 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.00 | 21.00 | 1.259 | 62.9 | 1.006 | -0.07 | 0.595 | 0.754 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.10 | 21.00 | 1.230 | 62.9 | 1.006 | 0.03 | 0.429 | 0.531 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.01 | 21.00 | 1.256 | 62.9 | 1.006 | 0.09 | 0.425 | 0.537 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.10 | 21.00 | 1.230 | 62.9 | 1.006 | 0.12 | 0.834 | 1.032 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 39750 | 2506 | Open | 19.83 | 21.00 | 1.309 | 62.9 | 1.006 | -0.04 | 0.538 | 0.709 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 40185 | 2549.5 | Open | 19.98 | 21.00 | 1.265 | 62.9 | 1.006 | 0.08 | 0.745 | 0.948 |
| 58 | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41055 | 2636.5 | Open | 20.05 | 21.00 | 1.245 | 62.9 | 1.006 | -0.15 | 1.040 | 1.302 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41055+41253 | 2636.5+2656.3 | Open | 19.76 | 21.00 | 1.330 | 62.9 | 1.006 | 0.03 | 0.874 | 1.170 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41490 | 2680 | Open | 19.80 | 21.00 | 1.318 | 62.9 | 1.006 | -0.06 | 0.797 | 1.057 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.01 | 21.00 | 1.256 | 62.9 | 1.006 | -0.18 | 0.886 | 1.120 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 39750 | 2506 | Open | 19.82 | 21.00 | 1.312 | 62.9 | 1.006 | -0.05 | 0.461 | 0.609 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 40185 | 2549.5 | Open | 19.86 | 21.00 | 1.300 | 62.9 | 1.006 | 0.1 | 0.777 | 1.016 |



| | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|------|-----|----|---|-------------|-----|-------|-------|-------------|---------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41055 | 2636.5 | Open | 19.98 | 21.00 | 1.265 | 62.9 | 1.006 | -0.11 | 1.012 | 1.288 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41490 | 2680 | Open | 19.67 | 21.00 | 1.358 | 62.9 | 1.006 | -0.02 | 0.801 | 1.095 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 40620 | 2593 | Open | 20.00 | 21.00 | 1.259 | 62.9 | 1.006 | -0.08 | 0.878 | 1.112 |
| LTE Band 41_HPU | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41055 | 2636.5 | Open | 21.56 | 22.60 | 1.271 | 42.9 | 1.009 | -0.1 | 1.000 | 1.282 |
| LTE Band 41C_HPU | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 9 | 41055+41253 | 2636.5+2656.3 | Open | 21.45 | 22.60 | 1.303 | 42.9 | 1.009 | -0.1 | 0.912 | 1.199 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.58 | 16.80 | 1.324 | 62.9 | 1.006 | 0.05 | 0.306 | 0.408 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.57 | 16.80 | 1.327 | 62.9 | 1.006 | -0.14 | 0.295 | 0.394 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.58 | 16.80 | 1.324 | 62.9 | 1.006 | -0.02 | 0.226 | 0.301 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.57 | 16.80 | 1.327 | 62.9 | 1.006 | 0.13 | 0.232 | 0.310 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.58 | 16.80 | 1.324 | 62.9 | 1.006 | 0.05 | 0.447 | 0.596 |
| LTE Band 41C | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 1 | DSI 9 | 40620+40818 | 2593+2612.8 | Open | 15.51 | 16.80 | 1.346 | 62.9 | 1.006 | 0.09 | 0.412 | 0.558 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.57 | 16.80 | 1.327 | 62.9 | 1.006 | 0.06 | 0.376 | 0.502 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.58 | 16.80 | 1.324 | 62.9 | 1.006 | 0.14 | 0.109 | 0.145 |
| LTE Band 41_HPU | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 17.15 | 18.40 | 1.334 | 42.9 | 1.009 | 0.07 | 0.398 | 0.536 |
| LTE Band 41C_HPU | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 40620+40818 | 2593+2612.8 | Open | 16.94 | 18.40 | 1.400 | 42.9 | 1.009 | 0.03 | 0.372 | 0.525 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.58 | 16.80 | 1.324 | 62.9 | 1.006 | 0.06 | 0.055 | 0.073 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 9 | 40620 | 2593 | Open | 15.57 | 16.80 | 1.327 | 62.9 | 1.006 | 0.03 | 0.110 | 0.147 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.58 | 20.80 | 1.324 | 62.9 | 1.006 | 0.07 | 0.531 | 0.707 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 39750 | 2506 | Open | 19.45 | 20.80 | 1.365 | 62.9 | 1.006 | -0.04 | 0.493 | 0.677 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 40185 | 2549.5 | Open | 19.39 | 20.80 | 1.384 | 62.9 | 1.006 | 0.03 | 0.489 | 0.681 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 41055 | 2636.5 | Open | 19.47 | 20.80 | 1.358 | 62.9 | 1.006 | -0.13 | 0.563 | 0.769 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 19.40 | 20.80 | 1.380 | 62.9 | 1.006 | 0.12 | 0.596 | 0.828 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.57 | 20.80 | 1.327 | 62.9 | 1.006 | 0.06 | 0.531 | 0.709 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 39750 | 2506 | Open | 19.38 | 20.80 | 1.387 | 62.9 | 1.006 | -0.03 | 0.493 | 0.688 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 40185 | 2549.5 | Open | 19.47 | 20.80 | 1.358 | 62.9 | 1.006 | 0.15 | 0.498 | 0.680 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 41055 | 2636.5 | Open | 19.44 | 20.80 | 1.368 | 62.9 | 1.006 | 0.07 | 0.568 | 0.782 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 19.38 | 20.80 | 1.387 | 62.9 | 1.006 | 0.03 | 0.619 | 0.864 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.45 | 20.80 | 1.365 | 62.9 | 1.006 | 0.09 | 0.517 | 0.710 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.58 | 20.80 | 1.324 | 62.9 | 1.006 | -0.03 | 0.708 | 0.943 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 39750 | 2506 | Open | 19.45 | 20.80 | 1.365 | 62.9 | 1.006 | -0.14 | 0.675 | 0.927 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 40185 | 2549.5 | Open | 19.39 | 20.80 | 1.384 | 62.9 | 1.006 | 0.17 | 0.628 | 0.874 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 41055 | 2636.5 | Open | 19.47 | 20.80 | 1.358 | 62.9 | 1.006 | -0.02 | 0.717 | 0.980 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 19.40 | 20.80 | 1.380 | 62.9 | 1.006 | 0.01 | 0.922 | 1.280 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.57 | 20.80 | 1.327 | 62.9 | 1.006 | -0.08 | 0.684 | 0.913 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 39750 | 2506 | Open | 19.38 | 20.80 | 1.387 | 62.9 | 1.006 | 0.06 | 0.642 | 0.896 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 40185 | 2549.5 | Open | 19.47 | 20.80 | 1.358 | 62.9 | 1.006 | 0.02 | 0.638 | 0.872 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 41055 | 2636.5 | Open | 19.44 | 20.80 | 1.368 | 62.9 | 1.006 | -0.06 | 0.726 | 0.999 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 19.38 | 20.80 | 1.387 | 62.9 | 1.006 | 0.04 | 0.763 | 1.064 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.45 | 20.80 | 1.365 | 62.9 | 1.006 | 0.06 | 0.656 | 0.901 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.58 | 20.80 | 1.324 | 62.9 | 1.006 | 0.02 | 0.163 | 0.217 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.57 | 20.80 | 1.327 | 62.9 | 1.006 | -0.06 | 0.162 | 0.216 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.58 | 20.80 | 1.324 | 62.9 | 1.006 | 0.02 | 0.815 | 1.086 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 39750 | 2506 | Open | 19.45 | 20.80 | 1.365 | 62.9 | 1.006 | -0.05 | 0.777 | 1.067 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 40185 | 2549.5 | Open | 19.39 | 20.80 | 1.384 | 62.9 | 1.006 | 0.07 | 0.712 | 0.991 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41055 | 2636.5 | Open | 19.47 | 20.80 | 1.358 | 62.9 | 1.006 | 0.01 | 0.857 | 1.171 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 19.40 | 20.80 | 1.380 | 62.9 | 1.006 | 0.01 | 0.931 | 1.293 |
| LTE Band 41C | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41490+41292 | 2680+2660.2 | Open | 19.27 | 20.80 | 1.422 | 62.9 | 1.006 | 0.06 | 0.807 | 1.155 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.57 | 20.80 | 1.327 | 62.9 | 1.006 | 0.03 | 0.833 | 1.112 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 39750 | 2506 | Open | 19.38 | 20.80 | 1.387 | 62.9 | 1.006 | -0.03 | 0.815 | 1.137 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 40185 | 2549.5 | Open | 19.47 | 20.80 | 1.358 | 62.9 | 1.006 | -0.11 | 0.768 | 1.049 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41055 | 2636.5 | Open | 19.44 | 20.80 | 1.368 | 62.9 | 1.006 | -0.17 | 0.884 | 1.216 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 19.38 | 20.80 | 1.387 | 62.9 | 1.006 | 0.07 | 0.926 | 1.292 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 40620 | 2593 | Open | 19.45 | 20.80 | 1.365 | 62.9 | 1.006 | 0.13 | 0.819 | 1.124 |
| LTE Band 41_HPU | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41490 | 2680 | Open | 21.00 | 22.40 | 1.380 | 42.9 | 1.009 | 0.09 | 0.898 | 1.251 |
| LTE Band 41C_HPU | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 9 | 41490+ | 2680+ | Open | 20.95 | 22.40 | 1.396 | 42.9 | 1.009 | 0.03 | 0.824 | 1.161 |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns for device model (HPUE), band, modulation, power, and SAR values. Includes a highlighted cell with value 1.289.



| | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------|------|------|-----|----|---------------|-------------|-----|-------|-------|-------------|-------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 507000 | 2535 | Open | 17.86 | 18.80 | 1.242 | - | - | 0.02 | 0.417 | 0.518 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 3 | DSI 9 | 507000 | 2535 | Open | 17.51 | 18.80 | 1.346 | - | - | 0.05 | 0.432 | 0.581 |
| | FR1 n7 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 9 | 507000 | 2535 | Open | 17.86 | 18.80 | 1.242 | - | - | 0.09 | 0.374 | 0.464 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.49 | 20.30 | 1.205 | - | - | 0.02 | 0.574 | 0.692 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.39 | 20.30 | 1.233 | - | - | 0.08 | 0.606 | 0.747 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.49 | 20.30 | 1.205 | - | - | 0.06 | 0.739 | 0.891 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.39 | 20.30 | 1.233 | - | - | -0.14 | 0.728 | 0.898 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.37 | 20.30 | 1.239 | - | - | 0.12 | 0.726 | 0.899 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.49 | 20.30 | 1.205 | - | - | 0.18 | 0.459 | 0.553 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.39 | 20.30 | 1.233 | - | - | 0.09 | 0.318 | 0.392 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.49 | 20.30 | 1.205 | - | - | -0.12 | 0.939 | 1.132 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.39 | 20.30 | 1.233 | - | - | 0.08 | 1.030 | 1.270 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.37 | 20.30 | 1.239 | - | - | 0.11 | 1.006 | 1.246 |
| | FR1 n41_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 22.16 | 23.30 | 1.300 | 50 | 1.000 | 0.01 | 0.961 | 1.249 |
| | FR1 n41 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 0 | DSI 9 | 518598 | 2592.99 | Open | 19.32 | 20.30 | 1.253 | - | - | 0.12 | 0.784 | 0.982 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | -0.04 | 0.248 | 0.305 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | -0.02 | 0.222 | 0.273 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | 0.05 | 0.319 | 0.392 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | -0.1 | 0.244 | 0.300 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | 0.04 | 0.502 | 0.618 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | 0.08 | 0.435 | 0.535 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | 0.05 | 0.163 | 0.201 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.70 | 15.60 | 1.230 | - | - | 0.02 | 0.115 | 0.141 |
| | FR1 n41_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 17.68 | 18.60 | 1.236 | 50 | 1.000 | 0.01 | 0.494 | 0.611 |
| | FR1 n41 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 518598 | 2592.99 | Open | 14.49 | 15.60 | 1.291 | - | - | 0.13 | 0.424 | 0.547 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.09 | 20.40 | 1.352 | - | - | 0.05 | 0.528 | 0.714 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.05 | 20.40 | 1.365 | - | - | 0.18 | 0.477 | 0.651 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.09 | 20.40 | 1.352 | - | - | 0.07 | 0.650 | 0.879 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.05 | 20.40 | 1.365 | - | - | 0.07 | 0.556 | 0.759 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.01 | 20.40 | 1.377 | - | - | -0.12 | 0.583 | 0.803 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.09 | 20.40 | 1.352 | - | - | 0.16 | 0.177 | 0.239 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.05 | 20.40 | 1.365 | - | - | 0.18 | 0.092 | 0.126 |
| 60 | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.09 | 20.40 | 1.352 | - | - | 0.02 | 0.950 | 1.284 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.05 | 20.40 | 1.365 | - | - | -0.07 | 0.824 | 1.124 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.01 | 20.40 | 1.377 | - | - | 0.05 | 0.808 | 1.113 |
| | FR1 n41_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 22.15 | 23.40 | 1.334 | 50 | 1.000 | 0.06 | 0.940 | 1.254 |
| | FR1 n41 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 518598 | 2592.99 | Open | 19.04 | 20.40 | 1.368 | - | - | -0.07 | 0.895 | 1.224 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.44 | 18.30 | 1.219 | - | - | -0.11 | 0.467 | 0.569 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.15 | 18.30 | 1.303 | - | - | 0.07 | 0.484 | 0.631 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.44 | 18.30 | 1.219 | - | - | 0.04 | 0.415 | 0.506 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.15 | 18.30 | 1.303 | - | - | 0.03 | 0.395 | 0.515 |
| | FR1 n41_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 19.95 | 21.30 | 1.365 | 50 | 1.000 | 0.11 | 0.426 | 0.581 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.44 | 18.30 | 1.219 | - | - | 0.05 | 0.334 | 0.407 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.15 | 18.30 | 1.303 | - | - | 0.02 | 0.308 | 0.401 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.44 | 18.30 | 1.219 | - | - | 0.03 | 0.449 | 0.547 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.15 | 18.30 | 1.303 | - | - | 0.14 | 0.363 | 0.473 |
| | FR1 n41 Other PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 518598 | 2592.99 | Open | 17.30 | 18.30 | 1.259 | - | - | 0.06 | 0.357 | 0.449 |
| 3500MHz | | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 55830 | 3609 | Open | 15.15 | 15.80 | 1.161 | 62.9 | 1.006 | 0.07 | 0.138 | 0.161 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 9 | 55830 | 3609 | Open | 15.06 | 15.80 | 1.186 | 62.9 | 1.006 | 0.03 | 0.244 | 0.291 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 55830 | 3609 | Open | 15.15 | 15.80 | 1.161 | 62.9 | 1.006 | 0.09 | 0.104 | 0.122 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 9 | 55830 | 3609 | Open | 15.06 | 15.80 | 1.186 | 62.9 | 1.006 | 0.09 | 0.185 | 0.221 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 55830 | 3609 | Open | 15.15 | 15.80 | 1.161 | 62.9 | 1.006 | -0.13 | 0.512 | 0.598 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 55340 | 3560 | Open | 15.01 | 15.80 | 1.199 | 62.9 | 1.006 | 0.04 | 0.524 | 0.632 |
| | LTE Band 48C | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 55340+55538 | 3560+3579.8 | Open | 13.72 | 15.00 | 1.343 | 62.9 | 1.006 | 0.05 | 0.347 | 0.469 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 9 | 56150 | 3641 | Open | 14.99 | 15.80 | 1.205 | 62.9 | 1.006 | 0.05 | 0.463 | 0.561 |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns for Band, Modulation, Power, MPE, SAR, Location, Antenna, Frequency, Power, SAR, etc. Row 61 is highlighted in yellow.



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | |
|----|-----------------|------|------|-----|----|---------------|-------------|-----|-------|-------|--------|---------|------|-------|-------|-------|----|-------|-------|-------|-------|
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 641666 | 3624.99 | Open | 13.25 | 14.30 | 1.274 | - | - | 0.01 | 0.397 | 0.506 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 641666 | 3624.99 | Open | 13.21 | 14.30 | 1.285 | - | - | 0.06 | 0.484 | 0.622 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 641666 | 3624.99 | Open | 13.25 | 14.30 | 1.274 | - | - | 0.05 | 0.013 | 0.017 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 641666 | 3624.99 | Open | 13.21 | 14.30 | 1.285 | - | - | -0.13 | 0.007 | 0.009 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.95 | 21.70 | 1.189 | - | - | 0.06 | 0.566 | 0.673 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.68 | 21.70 | 1.265 | - | - | 0.02 | 0.538 | 0.680 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.95 | 21.70 | 1.189 | - | - | 0.03 | 0.518 | 0.616 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.68 | 21.70 | 1.265 | - | - | -0.12 | 0.534 | 0.675 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.95 | 21.70 | 1.189 | - | - | 0.05 | 0.554 | 0.658 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.68 | 21.70 | 1.265 | - | - | 0.07 | 0.589 | 0.745 |
| 62 | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.95 | 21.70 | 1.189 | - | - | 0.06 | 1.080 | 1.284 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 638000 | 3570 | Open | 20.45 | 21.70 | 1.334 | - | - | -0.07 | 0.954 | 1.272 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 645332 | 3679.98 | Open | 20.37 | 21.70 | 1.358 | - | - | 0.05 | 0.915 | 1.243 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.68 | 21.70 | 1.265 | - | - | -0.13 | 0.791 | 1.000 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 638000 | 3570 | Open | 20.42 | 21.70 | 1.343 | - | - | 0.03 | 0.716 | 0.961 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 645332 | 3679.98 | Open | 20.56 | 21.70 | 1.300 | - | - | 0.08 | 0.720 | 0.936 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 641666 | 3624.99 | Open | 20.61 | 21.70 | 1.285 | - | - | 0.02 | 0.725 | 0.932 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.45 | 12.80 | 1.365 | - | - | 0.04 | 0.221 | 0.302 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.31 | 12.80 | 1.409 | - | - | 0.01 | 0.224 | 0.316 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.45 | 12.80 | 1.365 | - | - | -0.13 | 0.183 | 0.250 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.31 | 12.80 | 1.409 | - | - | -0.13 | 0.173 | 0.244 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.45 | 12.80 | 1.365 | - | - | 0.02 | 0.065 | 0.089 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.31 | 12.80 | 1.409 | - | - | 0.11 | 0.063 | 0.089 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.45 | 12.80 | 1.365 | - | - | -0.05 | 0.456 | 0.622 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 641666 | 3624.99 | Open | 11.31 | 12.80 | 1.409 | - | - | -0.03 | 0.432 | 0.609 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 12.04 | 13.40 | 1.368 | - | - | 0.04 | 0.069 | 0.094 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 11.96 | 13.40 | 1.393 | - | - | -0.04 | 0.038 | 0.053 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 12.04 | 13.40 | 1.368 | - | - | -0.03 | 0.044 | 0.060 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 11.96 | 13.40 | 1.393 | - | - | 0.15 | 0.031 | 0.043 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 12.04 | 13.40 | 1.368 | - | - | -0.05 | 0.100 | 0.137 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 11.96 | 13.40 | 1.393 | - | - | 0.05 | 0.061 | 0.085 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 12.04 | 13.40 | 1.368 | - | - | 0.14 | 0.005 | 0.007 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 11.96 | 13.40 | 1.393 | - | - | 0.06 | 0.006 | 0.008 |
| | FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 14.82 | 16.40 | 1.439 | 50 | 1.000 | -0.17 | 0.089 | 0.128 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 656000 | 3840 | Open | 12.00 | 13.40 | 1.380 | - | - | -0.15 | 0.085 | 0.117 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.26 | 13.40 | 1.300 | - | - | -0.12 | 0.294 | 0.382 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.22 | 13.40 | 1.312 | - | - | -0.19 | 0.203 | 0.266 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.26 | 13.40 | 1.300 | - | - | 0.03 | 0.194 | 0.252 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.22 | 13.40 | 1.312 | - | - | -0.1 | 0.124 | 0.163 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.26 | 13.40 | 1.300 | - | - | 0.05 | 0.474 | 0.616 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.22 | 13.40 | 1.312 | - | - | -0.11 | 0.416 | 0.546 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.26 | 13.40 | 1.300 | - | - | -0.05 | 0.032 | 0.042 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.22 | 13.40 | 1.312 | - | - | 0.02 | 0.014 | 0.018 |
| | FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 15.23 | 16.40 | 1.309 | 50 | 1.000 | 0.1 | 0.455 | 0.596 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 9 | 633334 | 3500.01 | Open | 12.21 | 13.40 | 1.315 | - | - | -0.08 | 0.338 | 0.445 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.59 | 21.70 | 1.291 | - | - | 0.02 | 0.597 | 0.771 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.35 | 21.70 | 1.365 | - | - | -0.07 | 0.587 | 0.801 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.29 | 21.70 | 1.384 | - | - | 0.03 | 0.479 | 0.663 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.59 | 21.70 | 1.291 | - | - | 0.02 | 0.791 | 1.021 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.35 | 21.70 | 1.365 | - | - | 0.09 | 0.694 | 0.947 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.29 | 21.70 | 1.384 | - | - | 0.01 | 0.482 | 0.667 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.59 | 21.70 | 1.291 | - | - | 0.14 | 0.866 | 1.118 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.35 | 21.70 | 1.365 | - | - | -0.1 | 0.701 | 0.957 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.29 | 21.70 | 1.384 | - | - | 0.16 | 0.579 | 0.801 |
| 63 | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.59 | 21.70 | 1.291 | - | - | -0.01 | 0.982 | 1.268 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.35 | 21.70 | 1.365 | - | - | 0.14 | 0.922 | 1.258 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | |
|------------------|------|------|-----|----|---------------|-------------|-----|-------|-------|--------|---------|------|-------|-------|-------|----|-------|-------|-------|-------|
| FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.29 | 21.70 | 1.384 | - | - | 0.02 | 0.903 | 1.249 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 23.62 | 24.70 | 1.282 | 50 | 1.000 | 0.03 | 0.917 | 1.176 |
| FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 656000 | 3840 | Open | 20.54 | 21.70 | 1.306 | - | - | -0.02 | 0.762 | 0.995 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.92 | 21.70 | 1.197 | - | - | -0.17 | 0.694 | 0.831 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.88 | 21.70 | 1.208 | - | - | 0.01 | 0.731 | 0.883 |
| FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.69 | 21.70 | 1.262 | - | - | 0.04 | 0.568 | 0.717 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.92 | 21.70 | 1.197 | - | - | 0.18 | 0.560 | 0.670 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.88 | 21.70 | 1.208 | - | - | 0.04 | 0.579 | 0.699 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.92 | 21.70 | 1.197 | - | - | 0.19 | 0.597 | 0.714 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.88 | 21.70 | 1.208 | - | - | -0.17 | 0.680 | 0.821 |
| FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.69 | 21.70 | 1.262 | - | - | -0.04 | 0.664 | 0.838 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.92 | 21.70 | 1.197 | - | - | 0.06 | 0.651 | 0.779 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.88 | 21.70 | 1.208 | - | - | -0.11 | 0.690 | 0.833 |
| FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.69 | 21.70 | 1.262 | - | - | 0.07 | 0.665 | 0.839 |
| FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 23.90 | 24.70 | 1.202 | 50 | 1.000 | 0.03 | 0.714 | 0.858 |
| FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 9 | 633334 | 3500.01 | Open | 20.41 | 21.70 | 1.346 | - | - | 0.03 | 0.589 | 0.793 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.29 | 11.60 | 1.352 | - | - | 0.17 | 0.198 | 0.268 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.03 | 11.60 | 1.435 | - | - | 0.05 | 0.154 | 0.221 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.29 | 11.60 | 1.352 | - | - | 0.07 | 0.147 | 0.199 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.03 | 11.60 | 1.435 | - | - | -0.08 | 0.123 | 0.177 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.29 | 11.60 | 1.352 | - | - | -0.06 | 0.054 | 0.073 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.03 | 11.60 | 1.435 | - | - | -0.15 | 0.046 | 0.066 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.29 | 11.60 | 1.352 | - | - | 0.03 | 0.457 | 0.618 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.03 | 11.60 | 1.435 | - | - | 0.1 | 0.306 | 0.439 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 14.30 | 14.60 | 1.072 | 50 | 1.000 | 0.03 | 0.522 | 0.559 |
| FR1 n77 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 656000 | 3840 | Open | 10.25 | 11.60 | 1.365 | - | - | -0.18 | 0.290 | 0.396 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.39 | 11.60 | 1.321 | - | - | -0.06 | 0.156 | 0.206 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.27 | 11.60 | 1.358 | - | - | 0.19 | 0.144 | 0.196 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.39 | 11.60 | 1.321 | - | - | 0.12 | 0.101 | 0.133 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.27 | 11.60 | 1.358 | - | - | 0.07 | 0.098 | 0.133 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.39 | 11.60 | 1.321 | - | - | 0.12 | 0.066 | 0.087 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.27 | 11.60 | 1.358 | - | - | 0.06 | 0.067 | 0.091 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.39 | 11.60 | 1.321 | - | - | 0.09 | 0.259 | 0.342 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.27 | 11.60 | 1.358 | - | - | 0.07 | 0.293 | 0.398 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 13.50 | 14.60 | 1.288 | 50 | 1.000 | -0.12 | 0.281 | 0.362 |
| FR1 n77 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 3 | DSI 9 | 633334 | 3500.01 | Open | 10.26 | 11.60 | 1.361 | - | - | -0.04 | 0.123 | 0.167 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.55 | 13.60 | 1.274 | - | - | 0.17 | 0.077 | 0.098 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.44 | 13.60 | 1.306 | - | - | 0.05 | 0.061 | 0.080 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.55 | 13.60 | 1.274 | - | - | -0.14 | 0.052 | 0.066 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.44 | 13.60 | 1.306 | - | - | -0.17 | 0.056 | 0.073 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.55 | 13.60 | 1.274 | - | - | -0.09 | 0.163 | 0.208 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.44 | 13.60 | 1.306 | - | - | 0.06 | 0.127 | 0.166 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.55 | 13.60 | 1.274 | - | - | 0.06 | 0.033 | 0.042 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.44 | 13.60 | 1.306 | - | - | 0.05 | 0.025 | 0.033 |
| FR1 n77_HPUE | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 15.41 | 16.60 | 1.315 | 50 | 1.000 | -0.04 | 0.155 | 0.204 |
| FR1 n77 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 9 | 656000 | 3840 | Open | 12.33 | 13.60 | 1.340 | - | - | 0.05 | 0.060 | 0.080 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.54 | 13.60 | 1.276 | - | - | 0.19 | 0.173 | 0.221 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.43 | 13.60 | 1.309 | - | - | -0.19 | 0.168 | 0.220 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.54 | 13.60 | 1.276 | - | - | 0.05 | 0.157 | 0.200 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.43 | 13.60 | 1.309 | - | - | 0.09 | 0.111 | 0.145 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.54 | 13.60 | 1.276 | - | - | -0.11 | 0.454 | 0.580 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.43 | 13.60 | 1.309 | - | - | 0.03 | 0.355 | 0.465 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.54 | 13.60 | 1.276 | - | - | -0.02 | 0.483 | 0.617 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.43 | 13.60 | 1.309 | - | - | 0.18 | 0.323 | 0.423 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 15.42 | 16.60 | 1.312 | 50 | 1.000 | 0.02 | 0.431 | 0.566 |
| FR1 n77 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI 9 | 633334 | 3500.01 | Open | 12.45 | 13.60 | 1.303 | - | - | 0.14 | 0.174 | 0.227 |



| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | EUT Flip State | 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) | |
|--------------------|------------|---------------------|---------------|----------|------------|----------------------|-----|-------------|----------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|--|
| WALN&BT | | | | | | | | | | | | | | | | | | |
| 64 | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Open | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.07 | 0.393 | 0.539 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Open | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.09 | 0.417 | 0.572 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 4+6(4) | non DBS Simultaneous | 6 | 2437 | Open | 15.03 | 16.50 | 1.403 | 100 | 1.000 | 0.02 | 0.381 | 0.534 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 4+6(6) | non DBS Simultaneous | 11 | 2462 | Open | 14.59 | 16.00 | 1.384 | 100 | 1.000 | 0.01 | 0.355 | 0.491 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Open | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.09 | 0.105 | 0.144 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Open | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.05 | 0.230 | 0.315 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Open | 14.63 | 16.00 | 1.371 | 100 | 1.000 | -0.08 | 0.228 | 0.313 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 4+6(6) | DBS Simultaneous | 1 | 2412 | Open | 11.72 | 13.00 | 1.343 | 100 | 1.000 | 0.01 | 0.177 | 0.238 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 4+6(6) | DBS Simultaneous | 1 | 2412 | Open | 11.72 | 13.00 | 1.343 | 100 | 1.000 | -0.08 | 0.189 | 0.254 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Side | 5mm | Ant 4+6(6) | DBS Simultaneous | 1 | 2412 | Open | 11.72 | 13.00 | 1.343 | 100 | 1.000 | 0.06 | 0.033 | 0.044 | |
| 65 | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 4+6(6) | DBS Simultaneous | 1 | 2412 | Open | 11.72 | 13.00 | 1.343 | 100 | 1.000 | -0.04 | 0.095 | 0.128 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 5mm | Ant 4+6(6) | DBS Simultaneous | 1 | 2412 | Open | 11.72 | 13.00 | 1.343 | 100 | 1.000 | 0.02 | 0.094 | 0.126 | |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Open | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | -0.03 | 0.243 | 0.331 | |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Open | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | -0.17 | 0.234 | 0.319 | |
| | Bluetooth | 1Mbps | Left Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Open | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.05 | 0.116 | 0.158 | |
| | Bluetooth | 1Mbps | Right Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Open | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.02 | 0.000 | 0.000 | |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Open | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.01 | 0.151 | 0.206 | |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Open | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.01 | 0.222 | 0.304 | |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Open | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.02 | 0.257 | 0.352 | |
| | Bluetooth | 1Mbps | Left Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Open | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.01 | 0.000 | 0.000 | |
| 66 | Bluetooth | 1Mbps | Right Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Open | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.08 | 0.266 | 0.364 | |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Open | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.05 | 0.000 | 0.000 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Open | 14.32 | 16.00 | 1.472 | 100 | 1.000 | 0.04 | 0.253 | 0.372 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Open | 14.32 | 16.00 | 1.472 | 100 | 1.000 | 0.1 | 0.122 | 0.180 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Open | 14.32 | 16.00 | 1.472 | 100 | 1.000 | 0.06 | 0.120 | 0.177 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Open | 14.32 | 16.00 | 1.472 | 100 | 1.000 | -0.01 | 0.228 | 0.336 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Open | 14.32 | 16.00 | 1.472 | 100 | 1.000 | 0.02 | 0.375 | 0.552 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(4) | DBS Simultaneous | 42 | 5210 | Open | 11.07 | 12.50 | 1.390 | 100 | 1.000 | -0.04 | 0.178 | 0.247 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(4) | DBS Simultaneous | 42 | 5210 | Open | 11.07 | 12.50 | 1.390 | 100 | 1.000 | 0.02 | 0.095 | 0.132 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(4) | DBS Simultaneous | 42 | 5210 | Open | 11.07 | 12.50 | 1.390 | 100 | 1.000 | 0.01 | 0.074 | 0.103 | |
| 67 | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(4) | DBS Simultaneous | 42 | 5210 | Open | 11.07 | 12.50 | 1.390 | 100 | 1.000 | -0.08 | 0.112 | 0.156 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(4) | DBS Simultaneous | 42 | 5210 | Open | 11.07 | 12.50 | 1.390 | 100 | 1.000 | 0.02 | 0.151 | 0.210 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Open | 12.13 | 13.50 | 1.371 | 100 | 1.000 | 0.05 | 0.302 | 0.414 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Open | 12.13 | 13.50 | 1.371 | 100 | 1.000 | 0.01 | 0.224 | 0.307 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Open | 12.13 | 13.50 | 1.371 | 100 | 1.000 | -0.01 | 0.150 | 0.206 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Open | 12.13 | 13.50 | 1.371 | 100 | 1.000 | -0.01 | 0.406 | 0.557 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Open | 12.13 | 13.50 | 1.371 | 100 | 1.000 | -0.06 | 0.404 | 0.554 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Open | 9.17 | 10.50 | 1.358 | 100 | 1.000 | -0.04 | 0.188 | 0.255 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Open | 9.17 | 10.50 | 1.358 | 100 | 1.000 | 0.02 | 0.112 | 0.152 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Open | 9.17 | 10.50 | 1.358 | 100 | 1.000 | -0.08 | 0.089 | 0.121 | |
| 68 | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Open | 9.17 | 10.50 | 1.358 | 100 | 1.000 | 0.01 | 0.203 | 0.276 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Open | 9.17 | 10.50 | 1.358 | 100 | 1.000 | -0.05 | 0.160 | 0.217 | |



<Flip close>

| Plot No. | Band | BW (MHz) | Modulation | RB Size | RB offset | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | EUT Flip State | 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 | DSI 10 | 133322 | 683 | Close | 22.91 | 24.00 | 1.285 | - | - | -0.05 | 0.101 | 0.130 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.84 | 24.00 | 1.306 | - | - | 0.03 | 0.091 | 0.119 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.91 | 24.00 | 1.285 | - | - | -0.02 | 0.466 | 0.599 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.84 | 24.00 | 1.306 | - | - | 0.02 | 0.418 | 0.546 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.91 | 24.00 | 1.285 | - | - | 0.05 | 0.365 | 0.469 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.84 | 24.00 | 1.306 | - | - | -0.16 | 0.303 | 0.396 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.91 | 24.00 | 1.285 | - | - | 0.02 | 0.371 | 0.477 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 133322 | 683 | Close | 22.84 | 24.00 | 1.306 | - | - | 0.16 | 0.329 | 0.430 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.35 | 23.70 | 1.365 | - | - | 0.12 | 0.451 | 0.615 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.25 | 23.70 | 1.396 | - | - | -0.1 | 0.398 | 0.556 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.35 | 23.70 | 1.365 | - | - | 0.05 | 0.133 | 0.181 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.25 | 23.70 | 1.396 | - | - | 0.18 | 0.122 | 0.170 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.35 | 23.70 | 1.365 | - | - | 0.02 | 0.302 | 0.412 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.25 | 23.70 | 1.396 | - | - | -0.18 | 0.258 | 0.360 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.35 | 23.70 | 1.365 | - | - | 0.08 | 0.036 | 0.049 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 133322 | 683 | Close | 22.22 | 23.70 | 1.406 | - | - | -0.18 | 0.033 | 0.046 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.47 | 22.70 | 1.327 | - | - | -0.18 | 0.075 | 0.100 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.42 | 22.70 | 1.343 | - | - | 0.08 | 0.065 | 0.087 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.47 | 22.70 | 1.327 | - | - | 0.14 | 0.470 | 0.624 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.42 | 22.70 | 1.343 | - | - | 0.17 | 0.407 | 0.547 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.47 | 22.70 | 1.327 | - | - | 0.07 | 0.387 | 0.514 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.42 | 22.70 | 1.343 | - | - | 0.06 | 0.334 | 0.448 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.47 | 22.70 | 1.327 | - | - | 0.1 | 0.389 | 0.516 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 23095 | 707.5 | Close | 21.42 | 22.70 | 1.343 | - | - | -0.02 | 0.335 | 0.450 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 20.01 | 21.40 | 1.377 | - | - | 0.09 | 0.449 | 0.618 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 19.95 | 21.40 | 1.396 | - | - | 0.02 | 0.380 | 0.531 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 20.01 | 21.40 | 1.377 | - | - | 0.08 | 0.227 | 0.313 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 19.95 | 21.40 | 1.396 | - | - | 0.02 | 0.195 | 0.272 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 20.01 | 21.40 | 1.377 | - | - | -0.08 | 0.369 | 0.508 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 19.95 | 21.40 | 1.396 | - | - | 0.17 | 0.308 | 0.430 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 20.01 | 21.40 | 1.377 | - | - | 0.08 | 0.034 | 0.047 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 23095 | 707.5 | Close | 19.95 | 21.40 | 1.396 | - | - | 0.07 | 0.029 | 0.040 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.68 | 22.50 | 1.208 | - | - | 0.08 | 0.060 | 0.072 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.63 | 22.50 | 1.222 | - | - | 0.09 | 0.055 | 0.067 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.68 | 22.50 | 1.208 | - | - | 0.06 | 0.512 | 0.618 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.63 | 22.50 | 1.222 | - | - | -0.03 | 0.457 | 0.558 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.68 | 22.50 | 1.208 | - | - | 0.15 | 0.427 | 0.516 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.63 | 22.50 | 1.222 | - | - | -0.12 | 0.382 | 0.467 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.68 | 22.50 | 1.208 | - | - | -0.08 | 0.456 | 0.551 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 23230 | 782 | Close | 21.63 | 22.50 | 1.222 | - | - | -0.03 | 0.407 | 0.497 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 20.00 | 21.30 | 1.349 | - | - | 0.06 | 0.465 | 0.627 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 19.97 | 21.30 | 1.358 | - | - | 0.08 | 0.398 | 0.541 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 20.00 | 21.30 | 1.349 | - | - | 0.12 | 0.182 | 0.246 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 19.97 | 21.30 | 1.358 | - | - | -0.16 | 0.179 | 0.243 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 20.00 | 21.30 | 1.349 | - | - | 0.02 | 0.286 | 0.386 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 19.97 | 21.30 | 1.358 | - | - | 0.03 | 0.253 | 0.344 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 20.00 | 21.30 | 1.349 | - | - | -0.1 | 0.039 | 0.053 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 23230 | 782 | Close | 19.97 | 21.30 | 1.358 | - | - | 0.07 | 0.034 | 0.046 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 23330 | 793 | Close | 21.34 | 22.20 | 1.219 | - | - | 0.05 | 0.036 | 0.044 |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns: Band, Power, Modulation, etc. Rows include LTE Band 14 and FR1 n12/n14/n71 configurations.



| | | | | | | | | | | | | | | | | | | | | |
|-------------|-----|------|----|----|-------------------|-------------|-----|-------|--------|-------------|-------------|-------|-------|-------|-------|---|---|-------|-------|-------|
| FR1 n71 | 10M | QPSK | 50 | 25 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.44 | 24.50 | 1.276 | - | - | 0.03 | 0.422 | 0.539 |
| FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.67 | 24.50 | 1.211 | - | - | -0.03 | 0.129 | 0.156 |
| FR1 n71 | 10M | QPSK | 50 | 25 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.44 | 24.50 | 1.276 | - | - | -0.1 | 0.144 | 0.184 |
| FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.67 | 24.50 | 1.211 | - | - | -0.02 | 0.478 | 0.579 |
| FR1 n71 | 10M | QPSK | 50 | 25 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.44 | 24.50 | 1.276 | - | - | 0.08 | 0.429 | 0.548 |
| FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.67 | 24.50 | 1.211 | - | - | 0.12 | 0.078 | 0.094 |
| FR1 n71 | 10M | QPSK | 50 | 25 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 136100 | 680.5 | Close | 23.44 | 24.50 | 1.276 | - | - | 0.13 | 0.081 | 0.103 |
| 835MHz | | | | | | | | | | | | | | | | | | | | |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | DSI 10 | 189 | 836.4 | Close | 28.23 | 29.50 | 1.340 | - | - | 0.13 | 0.063 | 0.084 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 10 | 189 | 836.4 | Close | 28.23 | 29.50 | 1.340 | - | - | 0.08 | 0.458 | 0.614 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Right Side | 5mm | Ant 0 | DSI 10 | 189 | 836.4 | Close | 28.23 | 29.50 | 1.340 | - | - | -0.02 | 0.348 | 0.466 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 10 | 189 | 836.4 | Close | 28.23 | 29.50 | 1.340 | - | - | -0.09 | 0.301 | 0.403 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 1 | DSI 10 | 189 | 836.4 | Close | 25.00 | 26.10 | 1.288 | - | - | 0.17 | 0.48 | 0.612 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | DSI 10 | 189 | 836.4 | Close | 25.00 | 26.10 | 1.288 | - | - | 0.17 | 0.077 | 0.099 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 1 | DSI 10 | 189 | 836.4 | Close | 25.00 | 26.10 | 1.288 | - | - | 0.02 | 0.276 | 0.356 |
| GSM850 | - | - | - | - | GPRS (3 Tx slots) | Top Side | 5mm | Ant 1 | DSI 10 | 189 | 836.4 | Close | 25.00 | 26.10 | 1.288 | - | - | 0.13 | 0.037 | 0.048 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | DSI 10 | 4182 | 836.4 | Close | 22.75 | 23.30 | 1.135 | - | - | 0.06 | 0.064 | 0.073 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 10 | 4182 | 836.4 | Close | 22.75 | 23.30 | 1.135 | - | - | 0.04 | 0.535 | 0.607 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 0 | DSI 10 | 4182 | 836.4 | Close | 22.75 | 23.30 | 1.135 | - | - | 0.06 | 0.311 | 0.353 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 10 | 4182 | 836.4 | Close | 22.75 | 23.30 | 1.135 | - | - | -0.07 | 0.495 | 0.562 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | DSI 10 | 4182 | 836.4 | Close | 20.22 | 21.40 | 1.312 | - | - | -0.08 | 0.459 | 0.602 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | DSI 10 | 4182 | 836.4 | Close | 20.22 | 21.40 | 1.312 | - | - | 0.18 | 0.187 | 0.245 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 1 | DSI 10 | 4182 | 836.4 | Close | 20.22 | 21.40 | 1.312 | - | - | 0.07 | 0.308 | 0.404 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 1 | DSI 10 | 4182 | 836.4 | Close | 20.22 | 21.40 | 1.312 | - | - | -0.05 | 0.055 | 0.072 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.68 | 20.70 | 1.265 | - | - | 0.03 | 0.061 | 0.077 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.67 | 20.70 | 1.268 | - | - | -0.07 | 0.058 | 0.074 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.68 | 20.70 | 1.265 | - | - | 0.04 | 0.497 | 0.629 |
| LTE Band 5B | 10M | QPSK | 1 | 49 | - | Back | 5mm | Ant 0 | DSI 10 | 20476+20525 | 831.6+841.5 | Close | 19.55 | 20.70 | 1.303 | - | - | 0.01 | 0.412 | 0.537 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.67 | 20.70 | 1.268 | - | - | 0.06 | 0.434 | 0.550 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.68 | 20.70 | 1.265 | - | - | 0.09 | 0.422 | 0.534 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.67 | 20.70 | 1.268 | - | - | 0.03 | 0.380 | 0.482 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.68 | 20.70 | 1.265 | - | - | -0.14 | 0.402 | 0.508 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 26865 | 831.5 | Close | 19.67 | 20.70 | 1.268 | - | - | 0.02 | 0.360 | 0.456 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.64 | 20.80 | 1.306 | - | - | 0.18 | 0.443 | 0.579 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.54 | 20.80 | 1.337 | - | - | 0.04 | 0.395 | 0.528 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.64 | 20.80 | 1.306 | - | - | 0.05 | 0.280 | 0.366 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.54 | 20.80 | 1.337 | - | - | 0.09 | 0.261 | 0.349 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.64 | 20.80 | 1.306 | - | - | -0.17 | 0.476 | 0.622 |
| LTE Band 5B | 10M | QPSK | 1 | 49 | - | Left Side | 5mm | Ant 1 | DSI 10 | 20476+20525 | 831.6+841.5 | Close | 19.51 | 20.80 | 1.346 | - | - | 0.08 | 0.411 | 0.553 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.54 | 20.80 | 1.337 | - | - | 0.07 | 0.411 | 0.549 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.64 | 20.80 | 1.306 | - | - | -0.17 | 0.026 | 0.034 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 26865 | 831.5 | Close | 19.54 | 20.80 | 1.337 | - | - | 0.12 | 0.027 | 0.036 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.46 | 22.20 | 1.186 | - | - | 0.04 | 0.049 | 0.058 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.34 | 22.20 | 1.219 | - | - | 0.03 | 0.054 | 0.066 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.46 | 22.20 | 1.186 | - | - | 0.05 | 0.437 | 0.518 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.34 | 22.20 | 1.219 | - | - | 0.05 | 0.445 | 0.542 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.46 | 22.20 | 1.186 | - | - | -0.04 | 0.443 | 0.525 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.34 | 22.20 | 1.219 | - | - | -0.19 | 0.314 | 0.383 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.46 | 22.20 | 1.186 | - | - | -0.11 | 0.414 | 0.491 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 166300 | 831.5 | Close | 21.34 | 22.20 | 1.219 | - | - | -0.01 | 0.516 | 0.629 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 166300 | 831.5 | Close | 20.03 | 21.30 | 1.340 | - | - | 0.03 | 0.447 | 0.599 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 166300 | 831.5 | Close | 19.97 | 21.30 | 1.358 | - | - | 0.02 | 0.463 | 0.629 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 166300 | 831.5 | Close | 20.03 | 21.30 | 1.340 | - | - | 0.11 | 0.132 | 0.177 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 166300 | 831.5 | Close | 19.97 | 21.30 | 1.358 | - | - | 0.09 | 0.136 | 0.185 |



Table with columns for Frequency, Modulation, Power, etc. Includes sections for 1750MHz and LTE Band 66.



FCC SAR Test Report

Report No. : FA340401-01

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|-------------------------|-----|------|-----|----|---------------|-------------|-----|-------|--------|-------------------|-----------------|-------|-------|-------|-------|---|---|-------|-------|-------|
| LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 132322 | 1745 | Close | 16.24 | 17.00 | 1.191 | - | - | 0.08 | 0.215 | 0.256 |
| LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 132322 | 1745 | Close | 16.16 | 17.00 | 1.213 | - | - | 0.07 | 0.187 | 0.227 |
| LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 132322 | 1745 | Close | 16.24 | 17.00 | 1.191 | - | - | 0.07 | 0.524 | 0.624 |
| LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 132322 | 1745 | Close | 16.81 | 17.00 | 1.045 | - | - | 0.06 | 0.121 | 0.126 |
| LTE Band 66 | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 132322+ 132520 | 1745+ 1764.8 | Close | 16.09 | 17.00 | 1.233 | - | - | 0.07 | 0.471 | 0.581 |
| LTE Band 66C | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 132322 | 1745 | Close | 16.16 | 17.00 | 1.213 | - | - | 0.08 | 0.455 | 0.552 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.53 | 16.60 | 1.279 | - | - | 0.1 | 0.068 | 0.087 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.33 | 16.60 | 1.340 | - | - | 0.07 | 0.067 | 0.090 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.53 | 16.60 | 1.279 | - | - | -0.16 | 0.383 | 0.490 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.33 | 16.60 | 1.340 | - | - | -0.07 | 0.436 | 0.584 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.53 | 16.60 | 1.279 | - | - | 0.07 | 0.073 | 0.093 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.33 | 16.60 | 1.340 | - | - | 0.03 | 0.095 | 0.127 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.53 | 16.60 | 1.279 | - | - | 0.06 | 0.418 | 0.535 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 15.33 | 16.60 | 1.340 | - | - | 0.06 | 0.462 | 0.619 |
| FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 349000 | 1745 | Close | 14.86 | 15.60 | 1.186 | - | - | -0.08 | 0.338 | 0.401 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.48 | 13.50 | 1.265 | - | - | 0.12 | 0.173 | 0.219 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.45 | 13.50 | 1.274 | - | - | 0.17 | 0.206 | 0.262 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.48 | 13.50 | 1.265 | - | - | 0.04 | 0.018 | 0.023 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.45 | 13.50 | 1.274 | - | - | 0.01 | 0.022 | 0.028 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.48 | 13.50 | 1.265 | - | - | 0.01 | 0.377 | 0.477 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.45 | 13.50 | 1.274 | - | - | 0.04 | 0.494 | 0.629 |
| FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 11.93 | 13.00 | 1.279 | - | - | 0.06 | 0.376 | 0.481 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.48 | 13.50 | 1.265 | - | - | 0.12 | 0.006 | 0.008 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 349000 | 1745 | Close | 12.45 | 13.50 | 1.274 | - | - | 0.06 | 0.006 | 0.008 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.99 | 19.00 | 1.262 | - | - | -0.08 | 0.095 | 0.120 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.94 | 19.00 | 1.276 | - | - | 0.04 | 0.090 | 0.115 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.99 | 19.00 | 1.262 | - | - | 0.09 | 0.397 | 0.501 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.94 | 19.00 | 1.276 | - | - | 0.08 | 0.353 | 0.451 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.99 | 19.00 | 1.262 | - | - | 0.06 | 0.192 | 0.242 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.94 | 19.00 | 1.276 | - | - | 0.1 | 0.141 | 0.180 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.99 | 19.00 | 1.262 | - | - | 0.03 | 0.482 | 0.608 |
| FR1 n66 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 16.95 | 18.00 | 1.274 | - | - | 0.03 | 0.320 | 0.408 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 349000 | 1745 | Close | 17.94 | 19.00 | 1.276 | - | - | 0.08 | 0.431 | 0.550 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.12 | 18.00 | 1.225 | - | - | 0.15 | 0.335 | 0.410 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.05 | 18.00 | 1.245 | - | - | 0.05 | 0.310 | 0.386 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.12 | 18.00 | 1.225 | - | - | 0.07 | 0.230 | 0.282 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.05 | 18.00 | 1.245 | - | - | 0.06 | 0.233 | 0.290 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.12 | 18.00 | 1.225 | - | - | 0.15 | 0.269 | 0.329 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.05 | 18.00 | 1.245 | - | - | 0.05 | 0.258 | 0.321 |
| FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.12 | 18.00 | 1.225 | - | - | 0.06 | 0.503 | 0.616 |
| FR1 n66 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.16 | 18.00 | 1.213 | - | - | -0.16 | 0.401 | 0.487 |
| FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 349000 | 1745 | Close | 17.05 | 18.00 | 1.245 | - | - | 0.05 | 0.267 | 0.332 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.44 | 19.40 | 1.247 | - | - | 0.07 | 0.222 | 0.277 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.42 | 19.40 | 1.253 | - | - | 0.09 | 0.304 | 0.381 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.44 | 19.40 | 1.247 | - | - | 0.02 | 0.475 | 0.593 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.42 | 19.40 | 1.253 | - | - | -0.14 | 0.502 | 0.629 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.44 | 19.40 | 1.247 | - | - | 0.03 | 0.084 | 0.105 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.42 | 19.40 | 1.253 | - | - | -0.06 | 0.126 | 0.158 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.44 | 19.40 | 1.247 | - | - | 0.08 | 0.318 | 0.397 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 340500 | 1702.5 | Close | 18.42 | 19.40 | 1.253 | - | - | 0.1 | 0.305 | 0.382 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.66 | 13.40 | 1.186 | - | - | -0.06 | 0.178 | 0.211 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.54 | 13.40 | 1.219 | - | - | 0.03 | 0.238 | 0.290 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.66 | 13.40 | 1.186 | - | - | 0.1 | 0.142 | 0.168 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.54 | 13.40 | 1.219 | - | - | 0.01 | 0.215 | 0.262 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.66 | 13.40 | 1.186 | - | - | 0.05 | 0.334 | 0.396 |



FCC SAR Test Report

Report No. : FA340401-01

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|----------------|-----|------|----|----|-------------------|-------------|-----|-------|--------|--------|--------|-------|-------|-------|-------|---|---|-------|-------|-------|
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.54 | 13.40 | 1.219 | - | - | -0.09 | 0.505 | 0.616 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.66 | 13.40 | 1.186 | - | - | 0.05 | 0.000 | 0.000 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 340500 | 1702.5 | Close | 12.54 | 13.40 | 1.219 | - | - | 0.11 | 0.007 | 0.009 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.76 | 18.80 | 1.271 | - | - | 0.08 | 0.227 | 0.288 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.71 | 18.80 | 1.285 | - | - | 0.06 | 0.309 | 0.397 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.76 | 18.80 | 1.271 | - | - | 0.08 | 0.292 | 0.371 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.71 | 18.80 | 1.285 | - | - | 0.06 | 0.388 | 0.499 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.76 | 18.80 | 1.271 | - | - | 0.03 | 0.143 | 0.182 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.71 | 18.80 | 1.285 | - | - | -0.08 | 0.210 | 0.270 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.76 | 18.80 | 1.271 | - | - | 0.16 | 0.350 | 0.445 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 340500 | 1702.5 | Close | 17.71 | 18.80 | 1.285 | - | - | 0.02 | 0.482 | 0.620 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.35 | 18.60 | 1.334 | - | - | -0.09 | 0.280 | 0.373 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.20 | 18.60 | 1.380 | - | - | -0.09 | 0.319 | 0.440 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.35 | 18.60 | 1.334 | - | - | 0.03 | 0.134 | 0.179 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.20 | 18.60 | 1.380 | - | - | 0.11 | 0.148 | 0.204 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.35 | 18.60 | 1.334 | - | - | 0.02 | 0.218 | 0.291 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.20 | 18.60 | 1.380 | - | - | 0.09 | 0.249 | 0.344 |
| FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.35 | 18.60 | 1.334 | - | - | 0.01 | 0.469 | 0.625 |
| FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 340500 | 1702.5 | Close | 17.20 | 18.60 | 1.380 | - | - | -0.11 | 0.348 | 0.480 |
| 1900MHz | | | | | | | | | | | | | | | | | | | | |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | DSI 10 | 661 | 1880 | Close | 22.21 | 23.60 | 1.377 | - | - | 0.17 | 0.028 | 0.039 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | DSI 10 | 661 | 1880 | Close | 22.21 | 23.60 | 1.377 | - | - | -0.14 | 0.451 | 0.621 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Side | 5mm | Ant 0 | DSI 10 | 661 | 1880 | Close | 22.21 | 23.60 | 1.377 | - | - | 0.05 | 0.096 | 0.132 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 0 | DSI 10 | 661 | 1880 | Close | 22.21 | 23.60 | 1.377 | - | - | 0.02 | 0.357 | 0.492 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 1 | DSI 10 | 661 | 1880 | Close | 16.14 | 17.70 | 1.432 | - | - | 0.1 | 0.203 | 0.291 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | DSI 10 | 661 | 1880 | Close | 16.14 | 17.70 | 1.432 | - | - | -0.17 | 0.024 | 0.034 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 1 | DSI 10 | 661 | 1880 | Close | 16.14 | 17.70 | 1.432 | - | - | -0.16 | 0.436 | 0.624 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Top Side | 5mm | Ant 1 | DSI 10 | 661 | 1880 | Close | 16.14 | 17.70 | 1.432 | - | - | 0.09 | 0.009 | 0.013 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 2 | DSI 10 | 661 | 1880 | Close | 26.59 | 27.50 | 1.233 | - | - | -0.12 | 0.106 | 0.131 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | DSI 10 | 661 | 1880 | Close | 26.59 | 27.50 | 1.233 | - | - | 0.08 | 0.443 | 0.546 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Left Side | 5mm | Ant 2 | DSI 10 | 661 | 1880 | Close | 26.59 | 27.50 | 1.233 | - | - | -0.06 | 0.234 | 0.289 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 2 | DSI 10 | 661 | 1880 | Close | 26.59 | 27.50 | 1.233 | - | - | -0.14 | 0.502 | 0.619 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 3 | DSI 10 | 661 | 1880 | Close | 23.13 | 24.40 | 1.340 | - | - | 0.08 | 0.347 | 0.465 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 3 | DSI 10 | 661 | 1880 | Close | 23.13 | 24.40 | 1.340 | - | - | 0.06 | 0.081 | 0.109 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Right Side | 5mm | Ant 3 | DSI 10 | 661 | 1880 | Close | 23.13 | 24.40 | 1.340 | - | - | 0.02 | 0.088 | 0.118 |
| GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Bottom Side | 5mm | Ant 3 | DSI 10 | 661 | 1880 | Close | 23.13 | 24.40 | 1.340 | - | - | -0.03 | 0.471 | 0.631 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | DSI 10 | 9400 | 1880 | Close | 15.39 | 17.00 | 1.449 | - | - | -0.03 | 0.036 | 0.052 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI 10 | 9400 | 1880 | Close | 15.39 | 17.00 | 1.449 | - | - | -0.18 | 0.332 | 0.481 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 0 | DSI 10 | 9400 | 1880 | Close | 15.39 | 17.00 | 1.449 | - | - | -0.18 | 0.075 | 0.109 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 0 | DSI 10 | 9400 | 1880 | Close | 15.39 | 17.00 | 1.449 | - | - | 0.01 | 0.425 | 0.616 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | DSI 10 | 9400 | 1880 | Close | 11.22 | 12.60 | 1.374 | - | - | -0.14 | 0.245 | 0.337 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | DSI 10 | 9400 | 1880 | Close | 11.22 | 12.60 | 1.374 | - | - | -0.13 | 0.029 | 0.040 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 1 | DSI 10 | 9400 | 1880 | Close | 11.22 | 12.60 | 1.374 | - | - | 0.02 | 0.452 | 0.621 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 1 | DSI 10 | 9400 | 1880 | Close | 11.22 | 12.60 | 1.374 | - | - | 0.03 | 0.009 | 0.012 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | DSI 10 | 9400 | 1880 | Close | 20.29 | 21.20 | 1.233 | - | - | -0.09 | 0.090 | 0.111 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | DSI 10 | 9400 | 1880 | Close | 20.29 | 21.20 | 1.233 | - | - | 0.05 | 0.376 | 0.464 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 2 | DSI 10 | 9400 | 1880 | Close | 20.29 | 21.20 | 1.233 | - | - | -0.13 | 0.122 | 0.150 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 2 | DSI 10 | 9400 | 1880 | Close | 20.29 | 21.20 | 1.233 | - | - | -0.04 | 0.491 | 0.605 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | DSI 10 | 9400 | 1880 | Close | 17.14 | 18.10 | 1.247 | - | - | 0.12 | 0.382 | 0.477 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | DSI 10 | 9400 | 1880 | Close | 17.14 | 18.10 | 1.247 | - | - | -0.17 | 0.056 | 0.070 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 3 | DSI 10 | 9400 | 1880 | Close | 17.14 | 18.10 | 1.247 | - | - | 0.04 | 0.075 | 0.094 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 3 | DSI 10 | 9400 | 1880 | Close | 17.14 | 18.10 | 1.247 | - | - | -0.06 | 0.504 | 0.629 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.29 | 19.10 | 1.205 | - | - | -0.06 | 0.047 | 0.057 |



FCC SAR Test Report

Report No. : FA340401-01

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|------------------------|-----|------|----|----|---------------|-------------|-----|-------|--------|--------|--------|-------|-------|-------|-------|---|---|-------|-------|-------|
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.16 | 19.10 | 1.242 | - | - | -0.03 | 0.039 | 0.048 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.29 | 19.10 | 1.205 | - | - | 0.02 | 0.517 | 0.623 |
| LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 18900 | 1880 | Close | 18.23 | 19.10 | 1.222 | - | - | -0.09 | 0.504 | 0.616 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.16 | 19.10 | 1.242 | - | - | 0.15 | 0.437 | 0.543 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.29 | 19.10 | 1.205 | - | - | 0.03 | 0.122 | 0.147 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.16 | 19.10 | 1.242 | - | - | 0.05 | 0.105 | 0.130 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.29 | 19.10 | 1.205 | - | - | -0.09 | 0.514 | 0.619 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 26340 | 1880 | Close | 18.16 | 19.10 | 1.242 | - | - | -0.06 | 0.440 | 0.546 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.95 | 13.00 | 1.274 | - | - | 0.15 | 0.250 | 0.318 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.89 | 13.00 | 1.291 | - | - | -0.09 | 0.215 | 0.278 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.95 | 13.00 | 1.274 | - | - | 0.06 | 0.064 | 0.082 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.89 | 13.00 | 1.291 | - | - | 0.04 | 0.058 | 0.075 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.95 | 13.00 | 1.274 | - | - | -0.17 | 0.490 | 0.624 |
| LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 18900 | 1880 | Close | 11.85 | 13.00 | 1.303 | - | - | 0.09 | 0.473 | 0.616 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.89 | 13.00 | 1.291 | - | - | -0.09 | 0.414 | 0.535 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.95 | 13.00 | 1.274 | - | - | 0.03 | 0.005 | 0.006 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 26340 | 1880 | Close | 11.89 | 13.00 | 1.291 | - | - | 0.01 | 0.006 | 0.008 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 19.00 | 20.40 | 1.380 | - | - | 0.07 | 0.103 | 0.142 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 18.93 | 20.40 | 1.403 | - | - | -0.08 | 0.089 | 0.125 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 19.00 | 20.40 | 1.380 | - | - | 0.07 | 0.451 | 0.623 |
| LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 18900 | 1880 | Close | 19.79 | 20.40 | 1.151 | - | - | 0.03 | 0.474 | 0.545 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 18.93 | 20.40 | 1.403 | - | - | 0.08 | 0.396 | 0.556 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 19.00 | 20.40 | 1.380 | - | - | 0.08 | 0.109 | 0.150 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 18.93 | 20.40 | 1.403 | - | - | 0.03 | 0.097 | 0.136 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 19.00 | 20.40 | 1.380 | - | - | 0.1 | 0.419 | 0.578 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 26340 | 1880 | Close | 18.93 | 20.40 | 1.403 | - | - | 0.1 | 0.375 | 0.526 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.67 | 18.60 | 1.239 | - | - | 0.09 | 0.340 | 0.421 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.61 | 18.60 | 1.256 | - | - | 0.19 | 0.306 | 0.384 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.67 | 18.60 | 1.239 | - | - | 0.09 | 0.102 | 0.126 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.61 | 18.60 | 1.256 | - | - | 0.09 | 0.090 | 0.113 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.67 | 18.60 | 1.239 | - | - | -0.07 | 0.148 | 0.183 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.61 | 18.60 | 1.256 | - | - | -0.03 | 0.132 | 0.166 |
| LTE Band 25 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.67 | 18.60 | 1.239 | - | - | 0.06 | 0.488 | 0.605 |
| LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 18900 | 1880 | Close | 17.68 | 18.60 | 1.236 | - | - | -0.06 | 0.482 | 0.596 |
| LTE Band 25 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 26340 | 1880 | Close | 17.61 | 18.60 | 1.256 | - | - | 0.02 | 0.441 | 0.554 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.98 | 18.10 | 1.294 | - | - | 0.05 | 0.035 | 0.045 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.91 | 18.10 | 1.315 | - | - | -0.14 | 0.031 | 0.041 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.98 | 18.10 | 1.294 | - | - | 0.04 | 0.396 | 0.513 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.91 | 18.10 | 1.315 | - | - | 0.15 | 0.408 | 0.537 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.98 | 18.10 | 1.294 | - | - | 0.01 | 0.083 | 0.107 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.91 | 18.10 | 1.315 | - | - | 0.07 | 0.090 | 0.118 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.98 | 18.10 | 1.294 | - | - | 0.06 | 0.414 | 0.536 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 376500 | 1882.5 | Close | 16.91 | 18.10 | 1.315 | - | - | 0.09 | 0.471 | 0.619 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.65 | 12.90 | 1.334 | - | - | 0.07 | 0.205 | 0.273 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.51 | 12.90 | 1.377 | - | - | 0.05 | 0.205 | 0.282 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.65 | 12.90 | 1.334 | - | - | -0.13 | 0.026 | 0.035 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.51 | 12.90 | 1.377 | - | - | -0.15 | 0.026 | 0.036 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.65 | 12.90 | 1.334 | - | - | -0.05 | 0.466 | 0.621 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.51 | 12.90 | 1.377 | - | - | 0.05 | 0.445 | 0.613 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.65 | 12.90 | 1.334 | - | - | -0.11 | 0.007 | 0.009 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 376500 | 1882.5 | Close | 11.51 | 12.90 | 1.377 | - | - | 0.05 | 0.007 | 0.010 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 376500 | 1882.5 | Close | 21.96 | 22.40 | 1.107 | - | - | 0.08 | 0.098 | 0.108 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 376500 | 1882.5 | Close | 21.86 | 22.40 | 1.132 | - | - | 0.13 | 0.097 | 0.110 |
| FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 376500 | 1882.5 | Close | 21.96 | 22.40 | 1.107 | - | - | 0.05 | 0.501 | 0.554 |
| FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 376500 | 1882.5 | Close | 21.86 | 22.40 | 1.132 | - | - | -0.03 | 0.535 | 0.606 |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns for test parameters (FR1 n25, 20M, QPSK, etc.) and SAR results. Includes a section for 2300MHz LTE Band 30 tests.



FCC SAR Test Report

Report No. : FA340401-01

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|-----------------------|-----|------|----|----|---------------|-------------|-----|-------|--------|--------|------|-------|-------|-------|-------|---|---|-------|-------|-------|
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.36 | 23.00 | 1.459 | - | - | 0.09 | 0.080 | 0.117 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.44 | 23.00 | 1.432 | - | - | -0.15 | 0.512 | 0.733 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.36 | 23.00 | 1.459 | - | - | 0.01 | 0.390 | 0.569 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.44 | 23.00 | 1.432 | - | - | -0.17 | 0.150 | 0.215 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.36 | 23.00 | 1.459 | - | - | 0.16 | 0.121 | 0.177 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.44 | 23.00 | 1.432 | - | - | 0.02 | 0.494 | 0.708 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 27710 | 2310 | Close | 21.36 | 23.00 | 1.459 | - | - | -0.06 | 0.392 | 0.572 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.97 | 21.10 | 1.297 | - | - | -0.06 | 0.464 | 0.602 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.86 | 21.10 | 1.330 | - | - | -0.11 | 0.392 | 0.522 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.97 | 21.10 | 1.297 | - | - | 0.04 | 0.198 | 0.257 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.86 | 21.10 | 1.330 | - | - | 0.16 | 0.164 | 0.218 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.97 | 21.10 | 1.297 | - | - | 0.02 | 0.481 | 0.624 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.86 | 21.10 | 1.330 | - | - | 0.14 | 0.373 | 0.496 |
| LTE Band 30 | 10M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.97 | 21.10 | 1.297 | - | - | 0.16 | 0.415 | 0.538 |
| LTE Band 30 | 10M | QPSK | 25 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 27710 | 2310 | Close | 19.86 | 21.10 | 1.330 | - | - | -0.07 | 0.351 | 0.467 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.24 | 19.30 | 1.276 | - | - | 0.08 | 0.027 | 0.034 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.09 | 19.30 | 1.321 | - | - | 0.05 | 0.025 | 0.033 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.24 | 19.30 | 1.276 | - | - | 0.02 | 0.393 | 0.502 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.09 | 19.30 | 1.321 | - | - | 0.13 | 0.373 | 0.493 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.24 | 19.30 | 1.276 | - | - | -0.11 | 0.266 | 0.340 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.09 | 19.30 | 1.321 | - | - | 0.08 | 0.277 | 0.366 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.24 | 19.30 | 1.276 | - | - | 0.07 | 0.491 | 0.627 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 462000 | 2310 | Close | 18.09 | 19.30 | 1.321 | - | - | 0.07 | 0.424 | 0.560 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.34 | 16.00 | 1.164 | - | - | 0.07 | 0.364 | 0.424 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.16 | 16.00 | 1.213 | - | - | 0.05 | 0.293 | 0.356 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.34 | 16.00 | 1.164 | - | - | 0.09 | 0.039 | 0.045 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.16 | 16.00 | 1.213 | - | - | 0.07 | 0.027 | 0.033 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.34 | 16.00 | 1.164 | - | - | -0.04 | 0.536 | 0.624 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Side | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.16 | 16.00 | 1.213 | - | - | 0.12 | 0.331 | 0.402 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.34 | 16.00 | 1.164 | - | - | 0.07 | 0.014 | 0.016 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI 10 | 462000 | 2310 | Close | 15.16 | 16.00 | 1.213 | - | - | -0.1 | 0.012 | 0.015 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.71 | 23.00 | 1.346 | - | - | 0.06 | 0.087 | 0.117 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.38 | 23.00 | 1.452 | - | - | 0.02 | 0.091 | 0.132 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.71 | 23.00 | 1.346 | - | - | 0.01 | 0.496 | 0.668 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.38 | 23.00 | 1.452 | - | - | -0.05 | 0.452 | 0.656 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.71 | 23.00 | 1.346 | - | - | -0.19 | 0.154 | 0.207 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Left Side | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.38 | 23.00 | 1.452 | - | - | 0.09 | 0.159 | 0.231 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.71 | 23.00 | 1.346 | - | - | 0.07 | 0.425 | 0.572 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 462000 | 2310 | Close | 21.38 | 23.00 | 1.452 | - | - | 0.07 | 0.425 | 0.617 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.86 | 21.70 | 1.213 | - | - | 0.06 | 0.490 | 0.595 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.53 | 21.70 | 1.309 | - | - | 0.04 | 0.283 | 0.370 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.86 | 21.70 | 1.213 | - | - | -0.01 | 0.194 | 0.235 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.53 | 21.70 | 1.309 | - | - | 0.17 | 0.128 | 0.168 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.86 | 21.70 | 1.213 | - | - | -0.1 | 0.482 | 0.585 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Right Side | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.53 | 21.70 | 1.309 | - | - | 0.08 | 0.377 | 0.494 |
| FR1 n30 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.86 | 21.70 | 1.213 | - | - | 0.03 | 0.514 | 0.624 |
| FR1 n30 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 462000 | 2310 | Close | 20.53 | 21.70 | 1.309 | - | - | -0.17 | 0.419 | 0.549 |
| 2600MHz | | | | | | | | | | | | | | | | | | | | |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.43 | 15.10 | 1.167 | - | - | 0.08 | 0.029 | 0.034 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.36 | 15.10 | 1.186 | - | - | -0.18 | 0.027 | 0.032 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.43 | 15.10 | 1.167 | - | - | 0.06 | 0.335 | 0.391 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.36 | 15.10 | 1.186 | - | - | 0.06 | 0.291 | 0.345 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.43 | 15.10 | 1.167 | - | - | -0.12 | 0.179 | 0.209 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.36 | 15.10 | 1.186 | - | - | 0.1 | 0.152 | 0.180 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.43 | 15.10 | 1.167 | - | - | 0.07 | 0.534 | 0.623 |
| LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 21350 | 2560 | Close | 13.35 | 14.10 | 1.189 | - | - | 0.07 | 0.502 | 0.597 |



FCC SAR Test Report

Report No. : FA340401-01

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|------------------------|-----|------|-----|----|---|-------------|-----|-------|--------|-------------|---------------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| LTE Band 7C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 21100+21298 | 2535+2554.8 | Close | 14.35 | 15.10 | 1.189 | - | - | 0.01 | 0.511 | 0.607 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 21100 | 2535 | Close | 14.36 | 15.10 | 1.186 | - | - | 0.17 | 0.453 | 0.537 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.66 | 13.80 | 1.300 | - | - | 0.04 | 0.278 | 0.361 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.38 | 13.80 | 1.387 | - | - | 0.03 | 0.252 | 0.349 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.66 | 13.80 | 1.300 | - | - | 0.1 | 0.138 | 0.179 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.38 | 13.80 | 1.387 | - | - | 0.07 | 0.134 | 0.186 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.66 | 13.80 | 1.300 | - | - | 0.01 | 0.475 | 0.618 |
| LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.50 | 13.80 | 1.349 | - | - | 0.08 | 0.415 | 0.560 |
| LTE Band 7C | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 21350+21152 | 2560+2540.2 | Close | 12.34 | 13.80 | 1.400 | - | - | 0.09 | 0.423 | 0.592 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.38 | 13.80 | 1.387 | - | - | -0.15 | 0.415 | 0.576 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.66 | 13.80 | 1.300 | - | - | 0.19 | 0.019 | 0.025 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 21350 | 2560 | Close | 12.38 | 13.80 | 1.387 | - | - | 0.05 | 0.016 | 0.022 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.84 | 19.60 | 1.500 | - | - | 0.18 | 0.063 | 0.094 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.82 | 19.60 | 1.507 | - | - | 0.06 | 0.053 | 0.080 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.84 | 19.60 | 1.500 | - | - | 0.1 | 0.369 | 0.553 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.82 | 19.60 | 1.507 | - | - | 0.08 | 0.312 | 0.470 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.84 | 19.60 | 1.500 | - | - | -0.11 | 0.075 | 0.112 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.82 | 19.60 | 1.507 | - | - | 0.06 | 0.063 | 0.095 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.84 | 19.60 | 1.500 | - | - | 0.01 | 0.418 | 0.627 |
| LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.93 | 19.60 | 1.469 | - | - | 0.06 | 0.401 | 0.589 |
| LTE Band 7C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 21100+21298 | 2535+2554.8 | Close | 17.71 | 19.60 | 1.545 | - | - | 0.04 | 0.375 | 0.579 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 21100 | 2535 | Close | 17.82 | 19.60 | 1.507 | - | - | 0.04 | 0.311 | 0.469 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.11 | 18.30 | 1.315 | - | - | 0.04 | 0.337 | 0.443 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.03 | 18.30 | 1.340 | - | - | 0.11 | 0.316 | 0.423 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.11 | 18.30 | 1.315 | - | - | -0.16 | 0.108 | 0.142 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.03 | 18.30 | 1.340 | - | - | 0.04 | 0.105 | 0.141 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.11 | 18.30 | 1.315 | - | - | 0.15 | 0.250 | 0.329 |
| LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.03 | 18.30 | 1.340 | - | - | 0.08 | 0.225 | 0.301 |
| LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.11 | 18.30 | 1.315 | - | - | 0.03 | 0.476 | 0.626 |
| LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.14 | 18.30 | 1.306 | - | - | 0.04 | 0.457 | 0.597 |
| LTE Band 7 | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 21100+21298 | 2535+2554.8 | Close | 17.04 | 18.30 | 1.337 | - | - | 0.09 | 0.415 | 0.555 |
| LTE Band 7C | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 21100 | 2535 | Close | 17.03 | 18.30 | 1.340 | - | - | 0.02 | 0.452 | 0.606 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.08 | 18.60 | 1.127 | 62.9 | 1.006 | -0.12 | 0.027 | 0.031 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.01 | 18.60 | 1.146 | 62.9 | 1.006 | -0.02 | 0.027 | 0.031 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.08 | 18.60 | 1.127 | 62.9 | 1.006 | 0.18 | 0.253 | 0.287 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.01 | 18.60 | 1.146 | 62.9 | 1.006 | 0.04 | 0.251 | 0.289 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.08 | 18.60 | 1.127 | 62.9 | 1.006 | 0.06 | 0.191 | 0.217 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.01 | 18.60 | 1.146 | 62.9 | 1.006 | 0.04 | 0.183 | 0.211 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.08 | 18.60 | 1.127 | 62.9 | 1.006 | 0.02 | 0.543 | 0.616 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 39750 | 2506 | Close | 17.83 | 18.60 | 1.194 | 62.9 | 1.006 | 0.15 | 0.307 | 0.369 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 40185 | 2549.5 | Close | 17.91 | 18.60 | 1.172 | 62.9 | 1.006 | 0.16 | 0.429 | 0.506 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 41055 | 2636.5 | Close | 17.96 | 18.60 | 1.159 | 62.9 | 1.006 | 0.08 | 0.538 | 0.627 |
| LTE Band 41C | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 41055+41253 | 2636.5+2656.3 | Close | 17.86 | 18.60 | 1.186 | 62.9 | 1.006 | 0.01 | 0.511 | 0.610 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 41490 | 2680 | Close | 17.80 | 18.60 | 1.202 | 62.9 | 1.006 | 0.08 | 0.414 | 0.501 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 18.01 | 18.60 | 1.146 | 62.9 | 1.006 | 0.08 | 0.493 | 0.568 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 40620 | 2593 | Close | 17.94 | 18.60 | 1.164 | 62.9 | 1.006 | 0.02 | 0.491 | 0.575 |
| LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 41055 | 2636.5 | Close | 19.44 | 20.20 | 1.191 | 42.9 | 1.009 | 0.09 | 0.521 | 0.626 |
| LTE Band 41C_ HPUE | 20M | QPSK | 1 | 99 | - | Bottom Side | 5mm | Ant 0 | DSI 10 | 41055+41253 | 2636.5+2656.3 | Close | 19.35 | 20.20 | 1.216 | 42.9 | 1.009 | 0.02 | 0.501 | 0.615 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | 0.04 | 0.218 | 0.283 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | -0.13 | 0.217 | 0.282 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | -0.03 | 0.160 | 0.208 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | 0.15 | 0.101 | 0.131 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | 0.01 | 0.475 | 0.617 |
| LTE Band 41C | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40620+40818 | 2593+2612.8 | Close | 13.54 | 14.70 | 1.306 | 62.9 | 1.006 | 0.09 | 0.451 | 0.593 |



FCC SAR Test Report

Report No. : FA340401-01

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|-------------------|-----|------|-----|----|---------------|-------------|-----|-------|--------|-------------|-------------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 39750 | 2506 | Close | 13.54 | 14.70 | 1.306 | 62.9 | 1.006 | -0.06 | 0.403 | 0.530 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40185 | 2549.5 | Close | 13.56 | 14.70 | 1.300 | 62.9 | 1.006 | 0.08 | 0.366 | 0.479 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 41055 | 2636.5 | Close | 13.48 | 14.70 | 1.324 | 62.9 | 1.006 | 0.19 | 0.403 | 0.537 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 41490 | 2680 | Close | 13.51 | 14.70 | 1.315 | 62.9 | 1.006 | -0.11 | 0.356 | 0.471 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | 0.04 | 0.454 | 0.590 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.55 | 14.70 | 1.303 | 62.9 | 1.006 | 0.09 | 0.445 | 0.583 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | 0.07 | 0.006 | 0.008 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 13.59 | 14.70 | 1.291 | 62.9 | 1.006 | 0.09 | 0.006 | 0.008 |
| LTE Band 41_HPUE | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40620 | 2593 | Close | 15.21 | 16.30 | 1.285 | 42.9 | 1.009 | 0.02 | 0.466 | 0.604 |
| LTE Band 41C_HPUE | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 1 | DSI 10 | 40620+40818 | 2593+2612.8 | Close | 15.09 | 16.30 | 1.321 | 42.9 | 1.009 | 0.01 | 0.425 | 0.567 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.03 | 20.10 | 1.279 | 62.9 | 1.006 | -0.11 | 0.048 | 0.062 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.02 | 20.10 | 1.282 | 62.9 | 1.006 | 0.14 | 0.047 | 0.061 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.03 | 20.10 | 1.279 | 62.9 | 1.006 | 0.02 | 0.468 | 0.602 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 39750 | 2506 | Close | 18.88 | 20.10 | 1.324 | 62.9 | 1.006 | 0.01 | 0.415 | 0.553 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 40185 | 2549.5 | Close | 18.96 | 20.10 | 1.300 | 62.9 | 1.006 | 0.04 | 0.419 | 0.548 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 41055 | 2636.5 | Close | 19.01 | 20.10 | 1.285 | 62.9 | 1.006 | 0.17 | 0.422 | 0.546 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 41490 | 2680 | Close | 18.95 | 20.10 | 1.303 | 62.9 | 1.006 | 0.15 | 0.478 | 0.627 |
| LTE Band 41C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 41490+41292 | 2680+2660.2 | Close | 18.72 | 20.10 | 1.374 | 62.9 | 1.006 | 0.02 | 0.442 | 0.611 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.02 | 20.10 | 1.282 | 62.9 | 1.006 | 0.14 | 0.337 | 0.435 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.03 | 20.10 | 1.279 | 62.9 | 1.006 | 0.04 | 0.340 | 0.438 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.03 | 20.10 | 1.279 | 62.9 | 1.006 | 0.08 | 0.066 | 0.085 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.02 | 20.10 | 1.282 | 62.9 | 1.006 | 0.16 | 0.068 | 0.088 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.03 | 20.10 | 1.279 | 62.9 | 1.006 | -0.07 | 0.328 | 0.422 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 40620 | 2593 | Close | 19.02 | 20.10 | 1.282 | 62.9 | 1.006 | -0.11 | 0.328 | 0.423 |
| LTE Band 41_HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 41490 | 2680 | Close | 20.54 | 21.70 | 1.306 | 42.9 | 1.009 | 0.03 | 0.465 | 0.613 |
| LTE Band 41C_HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 41490+41292 | 2680+2660.2 | Close | 20.41 | 21.70 | 1.346 | 42.9 | 1.009 | 0.05 | 0.421 | 0.572 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.77 | 19.90 | 1.297 | 62.9 | 1.006 | 0.16 | 0.272 | 0.355 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.70 | 19.90 | 1.318 | 62.9 | 1.006 | 0.04 | 0.272 | 0.361 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.77 | 19.90 | 1.297 | 62.9 | 1.006 | 0.15 | 0.079 | 0.103 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.70 | 19.90 | 1.318 | 62.9 | 1.006 | 0.05 | 0.080 | 0.106 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.77 | 19.90 | 1.297 | 62.9 | 1.006 | 0.01 | 0.144 | 0.188 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.70 | 19.90 | 1.318 | 62.9 | 1.006 | -0.08 | 0.146 | 0.194 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.77 | 19.90 | 1.297 | 62.9 | 1.006 | 0.04 | 0.461 | 0.602 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 39750 | 2506 | Close | 18.62 | 19.90 | 1.343 | 62.9 | 1.006 | 0.11 | 0.364 | 0.492 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 40185 | 2549.5 | Close | 18.71 | 19.90 | 1.315 | 62.9 | 1.006 | 0.07 | 0.378 | 0.500 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 41055 | 2636.5 | Close | 18.51 | 19.90 | 1.377 | 62.9 | 1.006 | 0.03 | 0.419 | 0.581 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 41490 | 2680 | Close | 18.61 | 19.90 | 1.346 | 62.9 | 1.006 | 0.04 | 0.465 | 0.630 |
| LTE Band 41C | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 41490+41292 | 2680+2660.2 | Close | 18.51 | 19.90 | 1.377 | 62.9 | 1.006 | 0.18 | 0.410 | 0.568 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.70 | 19.90 | 1.318 | 62.9 | 1.006 | -0.08 | 0.361 | 0.479 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 40620 | 2593 | Close | 18.69 | 19.90 | 1.321 | 62.9 | 1.006 | 0.02 | 0.350 | 0.465 |
| LTE Band 41_HPUE | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 41490 | 2680 | Close | 20.22 | 21.50 | 1.343 | 42.9 | 1.009 | 0.06 | 0.451 | 0.611 |
| LTE Band 41C_HPUE | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 41490+41292 | 2680+2660.2 | Close | 20.14 | 21.50 | 1.368 | 42.9 | 1.009 | 0.01 | 0.433 | 0.598 |
| FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.88 | 16.60 | 1.180 | - | - | 0.01 | 0.035 | 0.041 |
| FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.74 | 16.60 | 1.219 | - | - | 0.09 | 0.038 | 0.046 |
| FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.88 | 16.60 | 1.180 | - | - | -0.07 | 0.342 | 0.404 |
| FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.74 | 16.60 | 1.219 | - | - | 0.05 | 0.388 | 0.473 |
| FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.88 | 16.60 | 1.180 | - | - | 0.09 | 0.213 | 0.251 |
| FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.74 | 16.60 | 1.219 | - | - | 0.07 | 0.198 | 0.241 |
| FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.88 | 16.60 | 1.180 | - | - | 0.04 | 0.505 | 0.596 |
| FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 15.74 | 16.60 | 1.219 | - | - | 0.06 | 0.507 | 0.618 |
| FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 0 | DSI 10 | 507000 | 2535 | Close | 14.28 | 15.60 | 1.355 | - | - | 0.02 | 0.233 | 0.316 |
| FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 507000 | 2535 | Close | 15.43 | 16.00 | 1.140 | - | - | 0.04 | 0.238 | 0.271 |
| FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI 10 | 507000 | 2535 | Close | 15.19 | 16.00 | 1.205 | - | - | -0.17 | 0.247 | 0.298 |
| FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI 10 | 507000 | 2535 | Close | 15.43 | 16.00 | 1.140 | - | - | 0.09 | 0.202 | 0.230 |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns for device model, power, modulation, frequency, channel, antenna, distance, antenna type, power density, and various SAR metrics.



| | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|-----|----|---------------|-------------|-----|-------|--------|-------------|-------------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.80 | 19.90 | 1.288 | - | - | -0.1 | 0.456 | 0.587 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.92 | 19.90 | 1.253 | - | - | -0.17 | 0.103 | 0.129 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.80 | 19.90 | 1.288 | - | - | -0.13 | 0.081 | 0.104 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.92 | 19.90 | 1.253 | - | - | -0.03 | 0.224 | 0.281 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.80 | 19.90 | 1.288 | - | - | 0.18 | 0.192 | 0.247 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.92 | 19.90 | 1.253 | - | - | -0.02 | 0.468 | 0.586 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 18.80 | 19.90 | 1.288 | - | - | -0.13 | 0.403 | 0.519 |
| FR1 n41_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 10 | 518598 | 2592.99 | Close | 21.92 | 22.90 | 1.253 | 50 | 1.000 | -0.1 | 0.488 | 0.612 |
| 3500MHz | | | | | | | | | | | | | | | | | | | | |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.25 | 15.60 | 1.084 | 62.9 | 1.006 | 0.14 | 0.098 | 0.107 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.14 | 15.60 | 1.112 | 62.9 | 1.006 | 0.07 | 0.166 | 0.186 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.25 | 15.60 | 1.084 | 62.9 | 1.006 | 0.06 | 0.030 | 0.033 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.14 | 15.60 | 1.112 | 62.9 | 1.006 | -0.09 | 0.057 | 0.064 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.25 | 15.60 | 1.084 | 62.9 | 1.006 | 0.01 | 0.552 | 0.602 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 55340 | 3560 | Close | 15.00 | 15.60 | 1.148 | 62.9 | 1.006 | -0.14 | 0.460 | 0.531 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 56150 | 3641 | Close | 14.98 | 15.60 | 1.153 | 62.9 | 1.006 | -0.03 | 0.536 | 0.622 |
| LTE Band 48C | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 1 | DSI 10 | 56150+56340 | 3641+3660.8 | Close | 13.74 | 15.00 | 1.337 | 62.9 | 1.006 | 0.01 | 0.425 | 0.571 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 56640 | 3690 | Close | 15.01 | 15.60 | 1.146 | 62.9 | 1.006 | -0.03 | 0.506 | 0.583 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.14 | 15.60 | 1.112 | 62.9 | 1.006 | 0.04 | 0.398 | 0.445 |
| LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.08 | 15.60 | 1.127 | 62.9 | 1.006 | 0.04 | 0.511 | 0.579 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.25 | 15.60 | 1.084 | 62.9 | 1.006 | 0.14 | 0.014 | 0.015 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI 10 | 55830 | 3609 | Close | 15.14 | 15.60 | 1.112 | 62.9 | 1.006 | 0.05 | 0.018 | 0.020 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | 0.03 | 0.024 | 0.035 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.06 | 0.020 | 0.030 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | 0.03 | 0.198 | 0.288 |
| LTE Band 48C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 2 | DSI 10 | 55830+56028 | 3690+3628.8 | Close | 14.26 | 15.00 | 1.186 | 62.9 | 1.006 | 0.07 | 0.064 | 0.076 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | -0.07 | 0.113 | 0.169 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | -0.02 | 0.119 | 0.173 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.03 | 0.068 | 0.102 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.40 | 21.00 | 1.445 | 62.9 | 1.006 | 0.16 | 0.080 | 0.116 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 2 | DSI 10 | 55830 | 3609 | Close | 19.28 | 21.00 | 1.486 | 62.9 | 1.006 | 0.08 | 0.060 | 0.090 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.60 | 14.00 | 1.380 | 62.9 | 1.006 | 0.08 | 0.134 | 0.186 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.44 | 14.00 | 1.432 | 62.9 | 1.006 | 0.02 | 0.118 | 0.170 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.60 | 14.00 | 1.380 | 62.9 | 1.006 | 0.11 | 0.013 | 0.018 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.44 | 14.00 | 1.432 | 62.9 | 1.006 | 0.04 | 0.012 | 0.017 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.60 | 14.00 | 1.380 | 62.9 | 1.006 | 0.07 | 0.073 | 0.101 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.44 | 14.00 | 1.432 | 62.9 | 1.006 | 0.07 | 0.063 | 0.091 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.60 | 14.00 | 1.380 | 62.9 | 1.006 | 0.17 | 0.439 | 0.610 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 55340 | 3560 | Close | 12.51 | 14.00 | 1.409 | 62.9 | 1.006 | 0.07 | 0.306 | 0.434 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 56150 | 3641 | Close | 12.48 | 14.00 | 1.419 | 62.9 | 1.006 | -0.04 | 0.400 | 0.571 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 56640 | 3690 | Close | 12.51 | 14.00 | 1.409 | 62.9 | 1.006 | 0.07 | 0.445 | 0.631 |
| LTE Band 48C | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 56640+56442 | 3690+3670.2 | Close | 12.22 | 14.00 | 1.507 | 62.9 | 1.006 | 0.09 | 0.387 | 0.587 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.44 | 14.00 | 1.432 | 62.9 | 1.006 | 0.03 | 0.331 | 0.477 |
| LTE Band 48 | 20M | QPSK | 100 | 0 | - | Bottom Side | 5mm | Ant 3 | DSI 10 | 55830 | 3609 | Close | 12.54 | 14.00 | 1.400 | 62.9 | 1.006 | 0.08 | 0.324 | 0.456 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.75 | 15.80 | 1.274 | 62.9 | 1.006 | -0.18 | 0.153 | 0.196 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.59 | 15.80 | 1.321 | 62.9 | 1.006 | 0.07 | 0.129 | 0.171 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.75 | 15.80 | 1.274 | 62.9 | 1.006 | -0.13 | 0.018 | 0.023 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.59 | 15.80 | 1.321 | 62.9 | 1.006 | 0.03 | 0.017 | 0.023 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.75 | 15.80 | 1.274 | 62.9 | 1.006 | 0.04 | 0.470 | 0.602 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI 10 | 55340 | 3560 | Close | 14.65 | 15.80 | 1.303 | 62.9 | 1.006 | 0.1 | 0.484 | 0.635 |
| LTE Band 48C | 20M | QPSK | 1 | 99 | - | Right Side | 5mm | Ant 5 | DSI 10 | 55340+55538 | 3560+3579.8 | Close | 14.47 | 15.80 | 1.358 | 62.9 | 1.006 | 0.09 | 0.428 | 0.585 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI 10 | 56150 | 3641 | Close | 14.67 | 15.80 | 1.297 | 62.9 | 1.006 | 0.08 | 0.440 | 0.574 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI 10 | 56640 | 3690 | Close | 14.53 | 15.80 | 1.340 | 62.9 | 1.006 | -0.13 | 0.386 | 0.520 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI 10 | 55340 | 3560 | Close | 14.58 | 15.80 | 1.324 | 62.9 | 1.006 | 0.1 | 0.415 | 0.553 |
| LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.54 | 15.80 | 1.337 | 62.9 | 1.006 | 0.07 | 0.409 | 0.550 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|-----|----|---------------|-------------|-----|-------|--------|--------|---------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.75 | 15.80 | 1.274 | 62.9 | 1.006 | -0.08 | 0.073 | 0.094 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 5 | DSI 10 | 55830 | 3609 | Close | 14.59 | 15.80 | 1.321 | 62.9 | 1.006 | -0.16 | 0.126 | 0.167 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.75 | 17.30 | 1.429 | - | - | -0.09 | 0.134 | 0.191 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.74 | 17.30 | 1.432 | - | - | 0.02 | 0.105 | 0.150 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.75 | 17.30 | 1.429 | - | - | 0.11 | 0.021 | 0.030 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.74 | 17.30 | 1.432 | - | - | 0.02 | 0.020 | 0.029 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.75 | 17.30 | 1.429 | - | - | 0.04 | 0.432 | 0.617 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.74 | 17.30 | 1.432 | - | - | 0.04 | 0.403 | 0.577 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.75 | 17.30 | 1.429 | - | - | 0.12 | 0.243 | 0.347 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | DSI 10 | 641666 | 3624.99 | Close | 15.74 | 17.30 | 1.432 | - | - | 0.07 | 0.171 | 0.245 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.79 | 14.20 | 1.384 | - | - | 0.04 | 0.098 | 0.136 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.72 | 14.20 | 1.406 | - | - | -0.08 | 0.147 | 0.207 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.79 | 14.20 | 1.384 | - | - | -0.18 | 0.047 | 0.065 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.72 | 14.20 | 1.406 | - | - | 0.08 | 0.052 | 0.073 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.79 | 14.20 | 1.384 | - | - | 0.01 | 0.454 | 0.628 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.72 | 14.20 | 1.406 | - | - | 0.16 | 0.401 | 0.564 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.79 | 14.20 | 1.384 | - | - | -0.15 | 0.017 | 0.024 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 10 | 641666 | 3624.99 | Close | 12.72 | 14.20 | 1.406 | - | - | 0.07 | 0.023 | 0.032 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.47 | 19.40 | 1.239 | - | - | -0.06 | 0.087 | 0.108 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.35 | 19.40 | 1.274 | - | - | -0.04 | 0.089 | 0.113 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.47 | 19.40 | 1.239 | - | - | -0.1 | 0.413 | 0.512 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.35 | 19.40 | 1.274 | - | - | 0.09 | 0.491 | 0.625 |
| FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.33 | 19.40 | 1.279 | - | - | 0.05 | 0.326 | 0.417 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.47 | 19.40 | 1.239 | - | - | 0.02 | 0.334 | 0.414 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.35 | 19.40 | 1.274 | - | - | -0.09 | 0.329 | 0.419 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.47 | 19.40 | 1.239 | - | - | 0.07 | 0.383 | 0.474 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 2 | DSI 10 | 641666 | 3624.99 | Close | 18.35 | 19.40 | 1.274 | - | - | 0.03 | 0.359 | 0.457 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.85 | 12.60 | 1.496 | - | - | -0.04 | 0.137 | 0.205 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.84 | 12.60 | 1.500 | - | - | -0.04 | 0.115 | 0.172 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.85 | 12.60 | 1.496 | - | - | -0.11 | 0.012 | 0.018 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.84 | 12.60 | 1.500 | - | - | -0.16 | 0.013 | 0.019 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.85 | 12.60 | 1.496 | - | - | 0.05 | 0.057 | 0.085 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.84 | 12.60 | 1.500 | - | - | -0.01 | 0.061 | 0.091 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.85 | 12.60 | 1.496 | - | - | -0.14 | 0.418 | 0.625 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 3 | DSI 10 | 641666 | 3624.99 | Close | 10.84 | 12.60 | 1.500 | - | - | 0.04 | 0.362 | 0.543 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.21 | 12.60 | 1.377 | - | - | -0.09 | 0.022 | 0.030 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.05 | 12.60 | 1.429 | - | - | 0.08 | 0.023 | 0.033 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.21 | 12.60 | 1.377 | - | - | -0.05 | 0.021 | 0.029 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.05 | 12.60 | 1.429 | - | - | -0.04 | 0.024 | 0.034 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.21 | 12.60 | 1.377 | - | - | 0.05 | 0.061 | 0.084 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.05 | 12.60 | 1.429 | - | - | 0.05 | 0.074 | 0.106 |
| FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.71 | 12.60 | 1.227 | - | - | 0.05 | 0.071 | 0.087 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.21 | 12.60 | 1.377 | - | - | -0.11 | 0.004 | 0.006 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 11.05 | 12.60 | 1.429 | - | - | 0.13 | 0.003 | 0.004 |
| FR1 n77_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 656000 | 3840 | Close | 13.89 | 15.60 | 1.483 | 50 | 1.000 | 0.1 | 0.068 | 0.101 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.29 | 12.60 | 1.352 | - | - | -0.02 | 0.159 | 0.215 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.20 | 12.60 | 1.380 | - | - | 0.09 | 0.100 | 0.138 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.29 | 12.60 | 1.352 | - | - | 0.11 | 0.037 | 0.050 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.20 | 12.60 | 1.380 | - | - | 0.03 | 0.027 | 0.037 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.29 | 12.60 | 1.352 | - | - | -0.06 | 0.462 | 0.625 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.20 | 12.60 | 1.380 | - | - | -0.14 | 0.267 | 0.369 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.29 | 12.60 | 1.352 | - | - | 0.07 | 0.025 | 0.034 |
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 11.20 | 12.60 | 1.380 | - | - | 0.05 | 0.018 | 0.025 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 14.15 | 15.60 | 1.396 | 50 | 1.000 | 0.11 | 0.442 | 0.617 |
| FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 1 | DSI 10 | 633334 | 3500.01 | Close | 12.40 | 12.60 | 1.047 | - | - | 0.1 | 0.435 | 0.456 |
| FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 2 | DSI 10 | 656000 | 3840 | Close | 19.22 | 20.20 | 1.253 | - | - | 0.04 | 0.072 | 0.090 |



Table with columns for device ID, power, modulation, bandwidth, frequency, location, antenna, and various test parameters. Includes rows for FR1 n77, HPUE, and Main PA configurations.



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | |
|-------------------|------|------|-----|----|---------------|-------------|-----|-------|--------|--------|---------|-------|-------|-------|-------|----|-------|-------|-------|-------|
| FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 5 | DSI 10 | 633334 | 3500.01 | Close | 13.36 | 14.50 | 1.300 | - | - | 0.09 | 0.335 | 0.436 |
| FR1 n77_HPUE | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 10 | 633334 | 3500.01 | Close | 16.41 | 17.50 | 1.285 | 50 | 1.000 | -0.15 | 0.432 | 0.555 |
| FR1 n 77 Other PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI 10 | 633334 | 3500.01 | Close | 12.90 | 14.50 | 1.445 | - | - | 0.03 | 0.401 | 0.580 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | EUT Flip State | 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) | |
|--------------------|------------|---------------------|---------------|----------|------------|----------------------|-----|-------------|----------------|---------------------|---------------------|------------------------|--------------|---------------------------|------------------|------------------------|------------------------|--|
| WLAN&BT | | | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Close | 14.63 | 16.00 | 1.371 | 100 | 1.000 | -0.01 | 0.218 | 0.299 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 4+6(4) | non DBS Simultaneous | 6 | 2437 | Close | 15.03 | 16.50 | 1.403 | 100 | 1.000 | -0.09 | 0.222 | 0.311 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 4+6(6) | non DBS Simultaneous | 11 | 2462 | Close | 14.59 | 16.00 | 1.384 | 100 | 1.000 | 0.02 | 0.208 | 0.288 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Close | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.01 | 0.079 | 0.108 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Close | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.02 | 0.086 | 0.118 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Close | 14.63 | 16.00 | 1.371 | 100 | 1.000 | 0.01 | 0.169 | 0.232 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Close | 14.63 | 16.00 | 1.371 | 100 | 1.000 | -0.01 | 0.023 | 0.032 | |
| | WLAN2.4GHz | 802.11b 1Mbps | Bottom Side | 5mm | Ant 4+6(6) | non DBS Simultaneous | 1 | 2412 | Close | 14.63 | 16.00 | 1.371 | 100 | 1.000 | -0.01 | 0.118 | 0.162 | |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Close | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | -0.17 | 0.190 | 0.259 | |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Close | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | -0.06 | 0.094 | 0.128 | |
| | Bluetooth | 1Mbps | Left Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Close | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.09 | 0.124 | 0.169 | |
| | Bluetooth | 1Mbps | Right Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Close | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.05 | 0.021 | 0.029 | |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Close | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.02 | 0.000 | 0.000 | |
| | Bluetooth | 1Mbps | Bottom Side | 5mm | Ant 4 | non DBS Simultaneous | 39 | 2441 | Close | 17.51 | 18.50 | 1.256 | 76.72 | 1.086 | 0.01 | 0.120 | 0.164 | |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Close | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.09 | 0.171 | 0.234 | |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Close | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.05 | 0.000 | 0.000 | |
| | Bluetooth | 1Mbps | Left Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Close | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.02 | 0.000 | 0.000 | |
| | Bluetooth | 1Mbps | Right Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Close | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | 0.01 | 0.259 | 0.355 | |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Close | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | -0.08 | 0.000 | 0.000 | |
| | Bluetooth | 1Mbps | Bottom Side | 5mm | Ant 6 | non DBS Simultaneous | 0 | 2402 | Close | 16.48 | 17.50 | 1.264 | 76.86 | 1.084 | -0.01 | 0.000 | 0.000 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Close | 14.32 | 16.00 | 1.472 | 100 | 1.000 | -0.04 | 0.115 | 0.169 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Close | 14.32 | 16.00 | 1.472 | 100 | 1.000 | -0.02 | 0.081 | 0.119 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Close | 14.32 | 16.00 | 1.472 | 100 | 1.000 | 0.01 | 0.161 | 0.237 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Close | 14.32 | 16.00 | 1.472 | 100 | 1.000 | -0.02 | 0.189 | 0.278 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Close | 14.32 | 16.00 | 1.472 | 100 | 1.000 | -0.17 | 0.035 | 0.052 | |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Bottom Side | 5mm | Ant 5+4(4) | non DBS Simultaneous | 42 | 5210 | Close | 14.32 | 16.00 | 1.472 | 100 | 1.000 | 0.05 | 0.156 | 0.230 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Close | 12.13 | 13.50 | 1.371 | 100 | 1.000 | 0.04 | 0.208 | 0.285 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Close | 12.13 | 13.50 | 1.371 | 100 | 1.000 | 0.02 | 0.040 | 0.055 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Close | 12.13 | 13.50 | 1.371 | 100 | 1.000 | -0.01 | 0.083 | 0.114 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Close | 12.13 | 13.50 | 1.371 | 100 | 1.000 | 0.12 | 0.314 | 0.430 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Close | 12.13 | 13.50 | 1.371 | 100 | 1.000 | -0.04 | 0.026 | 0.036 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Bottom Side | 5mm | Ant 5+4(5) | non DBS Simultaneous | 155 | 5775 | Close | 12.13 | 13.50 | 1.371 | 100 | 1.000 | -0.01 | 0.129 | 0.177 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Front | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Close | 9.17 | 10.50 | 1.358 | 100 | 1.000 | 0.04 | 0.104 | 0.141 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Back | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Close | 9.17 | 10.50 | 1.358 | 100 | 1.000 | 0.02 | 0.020 | 0.027 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Left Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Close | 9.17 | 10.50 | 1.358 | 100 | 1.000 | -0.01 | 0.042 | 0.057 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Close | 9.17 | 10.50 | 1.358 | 100 | 1.000 | 0.12 | 0.157 | 0.213 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Top Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Close | 9.17 | 10.50 | 1.358 | 100 | 1.000 | -0.04 | 0.013 | 0.018 | |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Bottom Side | 5mm | Ant 5+4(5) | DBS Simultaneous | 155 | 5775 | Close | 9.17 | 10.50 | 1.358 | 100 | 1.000 | -0.01 | 0.065 | 0.088 | |



16.3 Body Worn Accessory SAR

<Flip open>

| Plot No. | Band | BW (MHz) | Modulation | RB Size | RB offset | Mode | Test Position | Cap (mm) | Antenna | Headset | Power State | Ch. | Freq. (MHz) | EUT Flip State | 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 | - | DSI 3 | 133322 | 683 | Open | 22.91 | 24.00 | 1.285 | - | - | 0.17 | 0.545 | 0.700 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 133322 | 683 | Open | 22.84 | 24.00 | 1.306 | - | - | 0.17 | 0.471 | 0.615 |
| 68 | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 133322 | 683 | Open | 22.91 | 24.00 | 1.285 | - | - | -0.04 | 0.739 | 0.950 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 133322 | 683 | Open | 22.84 | 24.00 | 1.306 | - | - | -0.08 | 0.646 | 0.844 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 133322 | 683 | Open | 22.79 | 24.00 | 1.321 | - | - | -0.16 | 0.643 | 0.850 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 133322 | 683 | Open | 21.23 | 22.30 | 1.279 | - | - | -0.04 | 0.386 | 0.494 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 133322 | 683 | Open | 21.16 | 22.30 | 1.300 | - | - | -0.09 | 0.324 | 0.421 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 133322 | 683 | Open | 21.23 | 22.30 | 1.279 | - | - | -0.14 | 0.726 | 0.929 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 133322 | 683 | Open | 20.28 | 21.50 | 1.324 | - | - | 0.02 | 0.417 | 0.552 |
| | LTE Band 71 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 133322 | 683 | Open | 21.16 | 22.30 | 1.300 | - | - | 0.03 | 0.645 | 0.839 |
| | LTE Band 71 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 133322 | 683 | Open | 21.08 | 22.30 | 1.324 | - | - | -0.06 | 0.645 | 0.854 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 133322 | 683 | Open | 23.02 | 24.00 | 1.253 | - | - | 0.03 | 0.056 | 0.070 |
| | LTE Band 71 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 133322 | 683 | Open | 23.02 | 24.00 | 1.253 | - | - | -0.05 | 0.097 | 0.122 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23095 | 707.5 | Open | 22.64 | 24.00 | 1.368 | - | - | 0.13 | 0.498 | 0.681 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23095 | 707.5 | Open | 22.58 | 24.00 | 1.387 | - | - | -0.14 | 0.430 | 0.596 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23095 | 707.5 | Open | 22.64 | 24.00 | 1.368 | - | - | 0.08 | 0.693 | 0.948 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23095 | 707.5 | Open | 22.58 | 24.00 | 1.387 | - | - | 0.02 | 0.612 | 0.849 |
| | LTE Band 12 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23095 | 707.5 | Open | 22.54 | 24.00 | 1.400 | - | - | -0.19 | 0.599 | 0.838 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 23095 | 707.5 | Open | 21.76 | 22.80 | 1.271 | - | - | 0.02 | 0.492 | 0.625 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 23095 | 707.5 | Open | 21.59 | 22.80 | 1.321 | - | - | 0.05 | 0.445 | 0.588 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23095 | 707.5 | Open | 21.76 | 22.80 | 1.271 | - | - | -0.06 | 0.732 | 0.930 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23095 | 707.5 | Open | 20.72 | 22.00 | 1.343 | - | - | 0.13 | 0.591 | 0.794 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23095 | 707.5 | Open | 21.59 | 22.80 | 1.321 | - | - | -0.04 | 0.631 | 0.834 |
| | LTE Band 12 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23095 | 707.5 | Open | 21.59 | 22.80 | 1.321 | - | - | -0.03 | 0.596 | 0.787 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 23095 | 707.5 | Open | 22.65 | 24.00 | 1.365 | - | - | 0.04 | 0.122 | 0.166 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 23095 | 707.5 | Open | 22.65 | 24.00 | 1.365 | - | - | 0.01 | 0.046 | 0.063 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | -0.09 | 0.674 | 0.897 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23230 | 782 | Open | 22.71 | 24.00 | 1.346 | - | - | 0.08 | 0.594 | 0.799 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | -0.03 | 0.615 | 0.843 |
| 69 | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | -0.04 | 0.945 | 1.257 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 23230 | 782 | Open | 22.76 | 24.00 | 1.330 | - | - | -0.12 | 0.934 | 1.243 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23230 | 782 | Open | 22.71 | 24.00 | 1.346 | - | - | -0.15 | 0.834 | 1.122 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | 0.08 | 0.855 | 1.172 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 23230 | 782 | Open | 20.51 | 21.50 | 1.256 | - | - | 0.17 | 0.466 | 0.585 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 23230 | 782 | Open | 20.43 | 21.50 | 1.279 | - | - | -0.1 | 0.410 | 0.525 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23230 | 782 | Open | 20.51 | 21.50 | 1.256 | - | - | -0.01 | 0.739 | 0.928 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23230 | 782 | Open | 19.47 | 20.70 | 1.327 | - | - | 0.05 | 0.504 | 0.669 |
| | LTE Band 13 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23230 | 782 | Open | 20.43 | 21.50 | 1.279 | - | - | 0.04 | 0.635 | 0.812 |
| | LTE Band 13 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23230 | 782 | Open | 20.44 | 21.50 | 1.276 | - | - | 0.02 | 0.631 | 0.805 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | 0.05 | 0.021 | 0.029 |
| | LTE Band 13 | 10M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 23230 | 782 | Open | 22.63 | 24.00 | 1.371 | - | - | -0.07 | 0.198 | 0.271 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | 0.07 | 0.717 | 0.939 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23330 | 793 | Open | 22.78 | 24.00 | 1.324 | - | - | 0.05 | 0.613 | 0.812 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 23330 | 793 | Open | 22.72 | 24.00 | 1.343 | - | - | 0.06 | 0.609 | 0.818 |
| 70 | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | -0.12 | 0.976 | 1.278 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 23330 | 793 | Open | 22.83 | 24.00 | 1.309 | - | - | 0.06 | 0.963 | 1.261 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23330 | 793 | Open | 22.78 | 24.00 | 1.324 | - | - | 0.13 | 0.830 | 1.099 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 23330 | 793 | Open | 22.72 | 24.00 | 1.343 | - | - | 0.09 | 0.816 | 1.096 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 23330 | 793 | Open | 19.98 | 21.10 | 1.294 | - | - | 0.17 | 0.445 | 0.576 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 23330 | 793 | Open | 19.85 | 21.10 | 1.334 | - | - | 0.08 | 0.364 | 0.485 |



FCC SAR Test Report

Report No. : FA340401-01

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|---------------|-------------|-----|------|----|----|-------------------|-------|------|-------|---------|--------------------|--------|-------|------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23330 | 793 | Open | 19.98 | 21.10 | 1.294 | - | - | 0.05 | 0.709 | 0.918 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 23330 | 793 | Open | 19.01 | 20.30 | 1.346 | - | - | 0.03 | 0.441 | 0.594 |
| | LTE Band 14 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23330 | 793 | Open | 19.85 | 21.10 | 1.334 | - | - | -0.02 | 0.613 | 0.817 |
| | LTE Band 14 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 23330 | 793 | Open | 19.83 | 21.10 | 1.340 | - | - | -0.18 | 0.602 | 0.806 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 23330 | 793 | Open | 22.65 | 24.00 | 1.365 | - | - | 0.08 | 0.019 | 0.026 |
| | LTE Band 14 | 10M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 23330 | 793 | Open | 22.65 | 24.00 | 1.365 | - | - | -0.08 | 0.155 | 0.212 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 141500 | 707.5 | Open | 23.37 | 24.00 | 1.156 | - | - | 0.1 | 0.400 | 0.462 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 141500 | 707.5 | Open | 23.32 | 24.00 | 1.169 | - | - | -0.11 | 0.470 | 0.550 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 141500 | 707.5 | Open | 23.37 | 24.00 | 1.156 | - | - | -0.14 | 0.579 | 0.669 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 141500 | 707.5 | Open | 23.32 | 24.00 | 1.169 | - | - | 0.08 | 0.636 | 0.744 |
| | FR1 n12 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 141500 | 707.5 | Open | 23.24 | 24.00 | 1.191 | - | - | 0.04 | 0.648 | 0.772 |
| 71 | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 141500 | 707.5 | Open | 22.38 | 23.50 | 1.294 | - | - | 0.13 | 0.716 | 0.927 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 141500 | 707.5 | Open | 21.78 | 22.70 | 1.236 | - | - | -0.05 | 0.595 | 0.735 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 141500 | 707.5 | Open | 22.30 | 23.50 | 1.318 | - | - | 0.06 | 0.669 | 0.882 |
| | FR1 n12 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 141500 | 707.5 | Open | 22.29 | 23.50 | 1.321 | - | - | 0.08 | 0.692 | 0.914 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 141500 | 707.5 | Open | 22.38 | 23.50 | 1.294 | - | - | 0.03 | 0.622 | 0.805 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 141500 | 707.5 | Open | 22.30 | 23.50 | 1.318 | - | - | 0.01 | 0.687 | 0.906 |
| | FR1 n12 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 141500 | 707.5 | Open | 22.29 | 23.50 | 1.321 | - | - | -0.05 | 0.665 | 0.879 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 141500 | 707.5 | Open | 23.50 | 24.00 | 1.122 | - | - | -0.08 | 0.051 | 0.057 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 141500 | 707.5 | Open | 23.50 | 24.00 | 1.122 | - | - | 0.04 | 0.069 | 0.077 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 158600 | 793 | Open | 23.51 | 24.00 | 1.119 | - | - | -0.11 | 0.512 | 0.573 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 158600 | 793 | Open | 23.40 | 24.00 | 1.148 | - | - | 0.03 | 0.479 | 0.550 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 158600 | 793 | Open | 23.51 | 24.00 | 1.119 | - | - | 0.04 | 0.724 | 0.810 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 158600 | 793 | Open | 23.40 | 24.00 | 1.148 | - | - | -0.18 | 0.665 | 0.764 |
| | FR1 n14 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 158600 | 793 | Open | 23.36 | 24.00 | 1.159 | - | - | 0.03 | 0.717 | 0.831 |
| 72 | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 158600 | 793 | Open | 22.41 | 23.30 | 1.227 | - | - | -0.03 | 0.750 | 0.921 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 158600 | 793 | Open | 21.39 | 22.50 | 1.291 | - | - | -0.01 | 0.587 | 0.758 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 158600 | 793 | Open | 22.38 | 23.30 | 1.236 | - | - | -0.04 | 0.667 | 0.824 |
| | FR1 n14 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 158600 | 793 | Open | 22.36 | 23.30 | 1.242 | - | - | 0.04 | 0.684 | 0.849 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 158600 | 793 | Open | 22.41 | 23.30 | 1.227 | - | - | 0.02 | 0.740 | 0.908 |
| | FR1 n14 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 158600 | 793 | Open | 22.38 | 23.30 | 1.236 | - | - | 0.04 | 0.698 | 0.863 |
| | FR1 n14 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 158600 | 793 | Open | 22.36 | 23.30 | 1.242 | - | - | 0.01 | 0.679 | 0.843 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 158600 | 793 | Open | 23.56 | 24.00 | 1.107 | - | - | 0.07 | 0.042 | 0.046 |
| | FR1 n14 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 158600 | 793 | Open | 23.56 | 24.00 | 1.107 | - | - | 0.01 | 0.089 | 0.098 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 136100 | 680.5 | Open | 23.62 | 24.00 | 1.091 | - | - | 0.07 | 0.345 | 0.377 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 136100 | 680.5 | Open | 22.62 | 23.00 | 1.091 | - | - | 0.09 | 0.343 | 0.374 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 136100 | 680.5 | Open | 23.62 | 24.00 | 1.091 | - | - | -0.01 | 0.627 | 0.684 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 136100 | 680.5 | Open | 22.62 | 23.00 | 1.091 | - | - | 0.05 | 0.468 | 0.511 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 136100 | 680.5 | Open | 24.07 | 24.50 | 1.104 | - | - | 0.11 | 0.725 | 0.800 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 136100 | 680.5 | Open | 23.01 | 23.50 | 1.119 | - | - | 0.17 | 0.738 | 0.826 |
| | FR1 n71 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 136100 | 680.5 | Open | 23.04 | 23.50 | 1.112 | - | - | 0.17 | 0.712 | 0.792 |
| 73 | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 136100 | 680.5 | Open | 24.07 | 24.50 | 1.104 | - | - | -0.07 | 0.751 | 0.829 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 136100 | 680.5 | Open | 23.11 | 23.70 | 1.146 | - | - | 0.15 | 0.567 | 0.650 |
| | FR1 n71 | 10M | QPSK | 25 | 14 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 136100 | 680.5 | Open | 23.01 | 23.50 | 1.119 | - | - | 0.09 | 0.716 | 0.802 |
| | FR1 n71 | 10M | QPSK | 50 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 136100 | 680.5 | Open | 23.04 | 23.50 | 1.112 | - | - | 0.15 | 0.712 | 0.792 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 136100 | 680.5 | Open | 24.07 | 24.50 | 1.104 | - | - | 0.03 | 0.058 | 0.064 |
| | FR1 n71 | 10M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 18mm | Ant 1 | - | DSI 4 | 136100 | 680.5 | Open | 24.07 | 24.50 | 1.104 | - | - | 0.01 | 0.095 | 0.105 |
| 835MHz | | | | | | | | | | | | | | | | | | | | | | |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | - | DSI 3 | 189 | 836.4 | Open | 28.23 | 29.50 | 1.340 | - | - | 0.05 | 0.410 | 0.549 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | - | DSI 3 | 189 | 836.4 | Open | 28.23 | 29.50 | 1.340 | - | - | -0.16 | 0.627 | 0.840 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | - | DSI 3 | 128 | 824.2 | Open | 28.20 | 29.50 | 1.349 | - | - | 0.05 | 0.654 | 0.882 |
| 74 | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | - | DSI 3 | 251 | 848.8 | Open | 28.16 | 29.50 | 1.361 | - | - | -0.15 | 0.954 | 1.299 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | Headset | DSI 3 | 251 | 848.8 | Open | 28.16 | 29.50 | 1.361 | - | - | -0.08 | 0.936 | 1.274 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 1 | - | DSI 3 | 189 | 836.4 | Open | 24.91 | 26.00 | 1.285 | - | - | 0.03 | 0.362 | 0.465 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 | 189 | 836.4 | Open | 24.91 | 26.00 | 1.285 | - | - | 0.01 | 0.629 | 0.808 |



| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------|-----|------|-----|----|-------------------|-------|------|-------|---------|--------------------|-----------------|-----------------|------|-------|-------|-------|---|---|-------|-------|-------|
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 | 128 | 824.2 | Open | 24.74 | 26.00 | 1.337 | - | - | 0.09 | 0.528 | 0.706 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 | 251 | 848.8 | Open | 24.88 | 26.00 | 1.294 | - | - | 0.07 | 0.715 | 0.925 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 251 | 848.8 | Open | 23.95 | 25.20 | 1.334 | - | - | -0.08 | 0.594 | 0.792 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Front | 17mm | Ant 1 | - | DSI 4 | 189 | 836.4 | Open | 28.31 | 29.50 | 1.315 | - | - | 0.03 | 0.299 | 0.393 |
| | GSM850 | - | - | - | - | GPRS (3 Tx slots) | Back | 18mm | Ant 1 | - | DSI 4 | 189 | 836.4 | Open | 28.31 | 29.50 | 1.315 | - | - | 0.01 | 0.215 | 0.283 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 4182 | 836.4 | Open | 24.39 | 25.00 | 1.151 | - | - | 0.15 | 0.619 | 0.712 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 4182 | 836.4 | Open | 24.39 | 25.00 | 1.151 | - | - | 0.09 | 0.946 | 1.089 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 4132 | 826.4 | Open | 24.32 | 25.00 | 1.169 | - | - | 0.08 | 0.894 | 1.046 |
| 75 | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 4233 | 846.6 | Open | 24.27 | 25.00 | 1.183 | - | - | 0.05 | 1.050 | 1.242 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | Headset | DSI 3 | 4233 | 846.6 | Open | 24.27 | 25.00 | 1.183 | - | - | -0.11 | 1.000 | 1.183 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 4182 | 836.4 | Open | 21.25 | 21.80 | 1.135 | - | - | 0.04 | 0.523 | 0.594 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 4182 | 836.4 | Open | 21.25 | 21.80 | 1.135 | - | - | -0.01 | 0.706 | 0.801 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 4132 | 826.4 | Open | 21.11 | 21.80 | 1.172 | - | - | 0.03 | 0.697 | 0.817 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 4233 | 846.6 | Open | 21.12 | 21.80 | 1.169 | - | - | -0.01 | 0.782 | 0.915 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 4233 | 846.6 | Open | 20.02 | 21.00 | 1.253 | - | - | 0.15 | 0.544 | 0.682 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 1 | - | DSI 4 | 4182 | 836.4 | Open | 24.41 | 25.00 | 1.146 | - | - | 0.03 | 0.068 | 0.078 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 1 | - | DSI 4 | 4182 | 836.4 | Open | 24.41 | 25.00 | 1.146 | - | - | 0.07 | 0.179 | 0.205 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26865 | 831.5 | Open | 22.68 | 24.00 | 1.355 | - | - | -0.13 | 0.763 | 1.034 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26865 | 831.5 | Open | 22.64 | 24.00 | 1.368 | - | - | -0.13 | 0.684 | 0.936 |
| | LTE Band 26 | 15M | QPSK | 75 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26865 | 831.5 | Open | 22.61 | 24.00 | 1.377 | - | - | -0.04 | 0.686 | 0.945 |
| 76 | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26865 | 831.5 | Open | 22.68 | 24.00 | 1.355 | - | - | -0.08 | 0.932 | 1.263 |
| | LTE Band 5B | 10M | QPSK | 1 | 49 | - | Back | 5mm | Ant 0 | - | DSI 3 | 20476+ 20575 | 831.6+ 841.5 | Open | 22.45 | 24.00 | 1.429 | - | - | 0.02 | 0.714 | 1.020 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 26865 | 831.5 | Open | 22.68 | 24.00 | 1.355 | - | - | -0.13 | 0.922 | 1.249 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26865 | 831.5 | Open | 22.64 | 24.00 | 1.368 | - | - | 0.06 | 0.606 | 0.829 |
| | LTE Band 26 | 15M | QPSK | 75 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26865 | 831.5 | Open | 22.61 | 24.00 | 1.377 | - | - | -0.03 | 0.875 | 1.205 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26865 | 831.5 | Open | 19.74 | 20.80 | 1.276 | - | - | -0.09 | 0.516 | 0.659 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26865 | 831.5 | Open | 19.58 | 20.80 | 1.324 | - | - | 0.18 | 0.357 | 0.473 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 26865 | 831.5 | Open | 19.74 | 20.80 | 1.276 | - | - | -0.13 | 0.720 | 0.919 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 26865 | 831.5 | Open | 18.71 | 20.00 | 1.346 | - | - | 0.05 | 0.426 | 0.573 |
| | LTE Band 5B | 10M | QPSK | 1 | 49 | - | Back | 5mm | Ant 1 | - | DSI 3 | 20476+ 20575 | 831.6+ 841.5 | Open | 19.54 | 20.80 | 1.337 | - | - | 0.01 | 0.545 | 0.728 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 26865 | 831.5 | Open | 19.58 | 20.80 | 1.324 | - | - | -0.13 | 0.648 | 0.858 |
| | LTE Band 26 | 15M | QPSK | 75 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 26865 | 831.5 | Open | 19.58 | 20.80 | 1.324 | - | - | -0.11 | 0.637 | 0.844 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 26865 | 831.5 | Open | 22.79 | 24.00 | 1.321 | - | - | 0.03 | 0.124 | 0.164 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 26865 | 831.5 | Open | 22.79 | 24.00 | 1.321 | - | - | 0.05 | 0.049 | 0.065 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 166300 | 831.5 | Open | 23.39 | 24.00 | 1.151 | - | - | -0.13 | 0.496 | 0.571 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 166300 | 831.5 | Open | 23.29 | 24.00 | 1.178 | - | - | 0.05 | 0.558 | 0.657 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 166300 | 831.5 | Open | 23.39 | 24.00 | 1.151 | - | - | 0.17 | 0.736 | 0.847 |
| 77 | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 166300 | 831.5 | Open | 23.29 | 24.00 | 1.178 | - | - | 0.04 | 0.841 | 0.990 |
| | FR1 n26 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 166300 | 831.5 | Open | 23.27 | 24.00 | 1.183 | - | - | 0.11 | 0.816 | 0.965 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 166300 | 831.5 | Open | 21.40 | 22.50 | 1.288 | - | - | 0.08 | 0.645 | 0.831 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 166300 | 831.5 | Open | 21.35 | 22.50 | 1.303 | - | - | 0.08 | 0.701 | 0.914 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 166300 | 831.5 | Open | 20.83 | 21.70 | 1.222 | - | - | 0.07 | 0.585 | 0.715 |
| | FR1 n26 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 166300 | 831.5 | Open | 21.30 | 22.50 | 1.318 | - | - | -0.02 | 0.627 | 0.827 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 166300 | 831.5 | Open | 21.40 | 22.50 | 1.288 | - | - | 0.03 | 0.604 | 0.778 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 166300 | 831.5 | Open | 21.35 | 22.50 | 1.303 | - | - | -0.09 | 0.651 | 0.848 |
| | FR1 n26 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 166300 | 831.5 | Open | 21.30 | 22.50 | 1.318 | - | - | 0.01 | 0.682 | 0.899 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 166300 | 831.5 | Open | 23.49 | 24.00 | 1.125 | - | - | 0.18 | 0.217 | 0.244 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 166300 | 831.5 | Open | 23.42 | 24.00 | 1.143 | - | - | 0.02 | 0.222 | 0.254 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 166300 | 831.5 | Open | 23.49 | 24.00 | 1.125 | - | - | 0.02 | 0.215 | 0.242 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 166300 | 831.5 | Open | 23.42 | 24.00 | 1.143 | - | - | 0.09 | 0.235 | 0.269 |
| 1750MHz | | | | | | | | | | | | | | | | | | | | | | |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 1413 | 1732.6 | Open | 18.09 | 19.10 | 1.262 | - | - | -0.12 | 0.611 | 0.771 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 1312 | 1712.4 | Open | 17.91 | 19.10 | 1.315 | - | - | -0.07 | 0.657 | 0.864 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 1513 | 1752.6 | Open | 17.95 | 19.10 | 1.303 | - | - | 0.03 | 0.682 | 0.889 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 1413 | 1732.6 | Open | 18.09 | 19.10 | 1.262 | - | - | 0.05 | 0.886 | 1.118 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | | |
|----|----------------------|-----|------|-----|---|--------------|-------|------|-------|---------|--------------------|---------------|-------------|------|-------|-------|-------|---|---|-------|-------|-------|
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 1312 | 1712.4 | Open | 17.91 | 19.10 | 1.315 | - | - | -0.13 | 0.965 | 1.269 |
| 78 | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 1513 | 1752.6 | Open | 17.95 | 19.10 | 1.303 | - | - | 0.05 | 0.994 | 1.295 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | Headset | DSI 3 | 1513 | 1752.6 | Open | 17.95 | 19.10 | 1.303 | - | - | 0.06 | 0.968 | 1.261 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 0 | - | DSI 4 | 1413 | 1732.6 | Open | 22.89 | 24.00 | 1.291 | - | - | -0.08 | 0.035 | 0.045 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 0 | - | DSI 4 | 1413 | 1732.6 | Open | 22.89 | 24.00 | 1.291 | - | - | 0.06 | 0.219 | 0.283 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 1413 | 1732.6 | Open | 15.95 | 16.80 | 1.216 | - | - | -0.13 | 0.612 | 0.744 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 1312 | 1712.4 | Open | 15.80 | 16.80 | 1.259 | - | - | 0.05 | 0.620 | 0.781 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 1513 | 1752.6 | Open | 15.89 | 16.80 | 1.233 | - | - | -0.11 | 0.744 | 0.917 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 1413 | 1732.6 | Open | 15.95 | 16.80 | 1.216 | - | - | 0.07 | 0.610 | 0.742 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 1312 | 1712.4 | Open | 15.80 | 16.80 | 1.259 | - | - | 0.01 | 0.623 | 0.784 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 1513 | 1752.6 | Open | 15.89 | 16.80 | 1.233 | - | - | -0.01 | 0.753 | 0.929 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 1513 | 1752.6 | Open | 14.82 | 16.00 | 1.312 | - | - | 0.01 | 0.518 | 0.680 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 1 | - | DSI 4 | 1413 | 1732.6 | Open | 22.42 | 24.00 | 1.439 | - | - | 0.01 | 0.307 | 0.442 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 1 | - | DSI 4 | 1413 | 1732.6 | Open | 22.42 | 24.00 | 1.439 | - | - | 0.09 | 0.215 | 0.309 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | - | DSI 3 | 1413 | 1732.6 | Open | 22.89 | 23.80 | 1.233 | - | - | 0.12 | 0.805 | 0.993 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | - | DSI 3 | 1312 | 1712.4 | Open | 22.81 | 23.80 | 1.256 | - | - | 0.07 | 0.797 | 1.001 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | - | DSI 3 | 1513 | 1752.6 | Open | 22.87 | 23.80 | 1.239 | - | - | 0.06 | 0.827 | 1.024 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | - | DSI 3 | 1413 | 1732.6 | Open | 22.89 | 23.80 | 1.233 | - | - | 0.02 | 1.010 | 1.245 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | - | DSI 3 | 1312 | 1712.4 | Open | 22.81 | 23.80 | 1.256 | - | - | -0.09 | 0.994 | 1.248 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | - | DSI 3 | 1513 | 1752.6 | Open | 22.87 | 23.80 | 1.239 | - | - | -0.06 | 1.040 | 1.288 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | Headset | DSI 3 | 1513 | 1752.6 | Open | 22.87 | 23.80 | 1.239 | - | - | -0.1 | 1.020 | 1.264 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 2 | - | DSI 4 | 1413 | 1732.6 | Open | 23.30 | 24.00 | 1.175 | - | - | 0.01 | 0.189 | 0.222 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 2 | - | DSI 4 | 1413 | 1732.6 | Open | 23.30 | 24.00 | 1.175 | - | - | 0.06 | 0.175 | 0.206 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 | 1413 | 1732.6 | Open | 20.59 | 21.80 | 1.321 | - | - | 0.06 | 0.704 | 0.930 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 Simultaneous | 1413 | 1732.6 | Open | 19.53 | 21.00 | 1.403 | - | - | 0.08 | 0.566 | 0.794 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 | 1312 | 1712.4 | Open | 20.41 | 21.80 | 1.377 | - | - | 0.06 | 0.671 | 0.924 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 | 1513 | 1752.6 | Open | 20.46 | 21.80 | 1.361 | - | - | 0.15 | 0.664 | 0.904 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 | 1413 | 1732.6 | Open | 20.59 | 21.80 | 1.321 | - | - | -0.1 | 0.671 | 0.887 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 | 1312 | 1712.4 | Open | 20.41 | 21.80 | 1.377 | - | - | -0.17 | 0.657 | 0.905 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 | 1513 | 1752.6 | Open | 20.46 | 21.80 | 1.361 | - | - | 0.03 | 0.661 | 0.900 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 3 | - | DSI 4 | 1413 | 1732.6 | Open | 24.02 | 25.00 | 1.253 | - | - | 0.07 | 0.156 | 0.195 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 3 | - | DSI 4 | 1413 | 1732.6 | Open | 24.02 | 25.00 | 1.253 | - | - | 0 | 0.129 | 0.162 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132322 | 1745 | Open | 19.56 | 20.50 | 1.242 | - | - | 0.04 | 0.790 | 0.981 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132072 | 1720 | Open | 19.55 | 20.50 | 1.245 | - | - | 0.07 | 0.786 | 0.978 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132572 | 1770 | Open | 19.52 | 20.50 | 1.253 | - | - | 0.04 | 0.803 | 1.006 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132322 | 1745 | Open | 19.51 | 20.50 | 1.256 | - | - | 0.04 | 0.665 | 0.835 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132072 | 1720 | Open | 19.39 | 20.50 | 1.291 | - | - | 0.13 | 0.660 | 0.852 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132572 | 1770 | Open | 19.42 | 20.50 | 1.282 | - | - | 0.06 | 0.686 | 0.880 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 132322 | 1745 | Open | 19.46 | 20.50 | 1.271 | - | - | 0.09 | 0.660 | 0.839 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132322 | 1745 | Open | 19.56 | 20.50 | 1.242 | - | - | -0.1 | 0.995 | 1.235 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132072 | 1720 | Open | 19.55 | 20.50 | 1.245 | - | - | 0.01 | 1.003 | 1.248 |
| 79 | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132572 | 1770 | Open | 19.52 | 20.50 | 1.253 | - | - | -0.08 | 1.020 | 1.278 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 132572 | 1770 | Open | 19.52 | 20.50 | 1.253 | - | - | -0.08 | 0.998 | 1.251 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132572 | 1770 | Open | 19.73 | 20.50 | 1.194 | - | - | 0.05 | 1.000 | 1.194 |
| | LTE Band 66C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132572+132374 | 1770+1750.2 | Open | 19.28 | 20.50 | 1.324 | - | - | 0.02 | 0.841 | 1.114 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132322 | 1745 | Open | 19.51 | 20.50 | 1.256 | - | - | 0.07 | 0.849 | 1.066 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132072 | 1720 | Open | 19.39 | 20.50 | 1.291 | - | - | 0.05 | 0.853 | 1.101 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132572 | 1770 | Open | 19.42 | 20.50 | 1.282 | - | - | 0.01 | 0.865 | 1.109 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 132322 | 1745 | Open | 19.46 | 20.50 | 1.271 | - | - | 0.03 | 0.849 | 1.079 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 0 | - | DSI 4 | 132322 | 1745 | Open | 23.26 | 24.00 | 1.186 | - | - | 0.03 | 0.088 | 0.104 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 0 | - | DSI 4 | 132322 | 1745 | Open | 23.26 | 24.00 | 1.186 | - | - | -0.19 | 0.102 | 0.121 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 132322 | 1745 | Open | 15.67 | 16.70 | 1.268 | - | - | -0.08 | 0.414 | 0.525 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 132322 | 1745 | Open | 15.49 | 16.70 | 1.321 | - | - | -0.04 | 0.348 | 0.460 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132322 | 1745 | Open | 15.67 | 16.70 | 1.268 | - | - | -0.14 | 0.516 | 0.654 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132072 | 1720 | Open | 15.42 | 16.70 | 1.343 | - | - | -0.08 | 0.526 | 0.706 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132572 | 1770 | Open | 15.62 | 16.70 | 1.282 | - | - | -0.02 | 0.722 | 0.926 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132572 | 1770 | Open | 14.60 | 15.90 | 1.349 | - | - | 0.05 | 0.527 | 0.711 |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | Simultaneous | | | | | | | | | | | | |
|----|-------------------------|-----|------|-----|----|---------------|-------|------|-------|---------|-----------------------|-------------------|-----------------|------|-------|-------|-------|---|---|-------|-------|-------|--|
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132572 | 1770 | Open | 15.90 | 16.70 | 1.202 | - | - | -0.18 | 0.714 | 0.858 | |
| | LTE Band 66C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132572+ 132374 | 1770+ 1750.2 | Open | 15.42 | 16.70 | 1.343 | - | - | 0.04 | 0.621 | 0.834 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132322 | 1745 | Open | 15.49 | 16.70 | 1.321 | - | - | 0.09 | 0.437 | 0.577 | |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 132322 | 1745 | Open | 15.38 | 16.70 | 1.355 | - | - | 0.02 | 0.480 | 0.650 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 132322 | 1745 | Open | 23.02 | 24.00 | 1.253 | - | - | 0.02 | 0.088 | 0.110 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 132322 | 1745 | Open | 23.02 | 24.00 | 1.253 | - | - | 0.04 | 0.095 | 0.119 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132322 | 1745 | Open | 21.17 | 22.00 | 1.211 | - | - | -0.14 | 0.802 | 0.971 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132072 | 1720 | Open | 20.95 | 22.00 | 1.274 | - | - | 0.06 | 0.709 | 0.903 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132572 | 1770 | Open | 21.07 | 22.00 | 1.239 | - | - | 0.16 | 0.758 | 0.939 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132322 | 1745 | Open | 20.83 | 22.00 | 1.309 | - | - | 0.03 | 0.694 | 0.909 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132072 | 1720 | Open | 20.69 | 22.00 | 1.352 | - | - | -0.1 | 0.662 | 0.895 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132572 | 1770 | Open | 20.76 | 22.00 | 1.330 | - | - | 0.05 | 0.686 | 0.913 | |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 132322 | 1745 | Open | 20.66 | 22.00 | 1.361 | - | - | -0.04 | 0.672 | 0.915 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132322 | 1745 | Open | 21.17 | 22.00 | 1.211 | - | - | 0.06 | 0.953 | 1.154 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132072 | 1720 | Open | 20.95 | 22.00 | 1.274 | - | - | 0.08 | 0.910 | 1.159 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132572 | 1770 | Open | 21.07 | 22.00 | 1.239 | - | - | -0.09 | 0.975 | 1.208 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | Headset | DSI 3 | 132572 | 1770 | Open | 21.07 | 22.00 | 1.239 | - | - | -0.15 | 0.963 | 1.193 | |
| | LTE Band 66 Main PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132572 | 1770 | Open | 20.81 | 22.00 | 1.315 | - | - | 0.07 | 0.918 | 1.207 | |
| | LTE Band 66C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132572+ 132374 | 1770+ 1750.2 | Open | 20.34 | 22.00 | 1.466 | - | - | 0.01 | 0.645 | 0.945 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132322 | 1745 | Open | 20.83 | 22.00 | 1.309 | - | - | -0.02 | 0.845 | 1.106 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132072 | 1720 | Open | 20.69 | 22.00 | 1.352 | - | - | -0.18 | 0.823 | 1.113 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132572 | 1770 | Open | 20.76 | 22.00 | 1.330 | - | - | 0.19 | 0.845 | 1.124 | |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 132322 | 1745 | Open | 20.66 | 22.00 | 1.361 | - | - | 0.06 | 0.816 | 1.111 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 2 | - | DSI 4 | 132322 | 1745 | Open | 23.12 | 24.00 | 1.225 | - | - | 0.01 | 0.592 | 0.725 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 2 | - | DSI 4 | 132322 | 1745 | Open | 23.12 | 24.00 | 1.225 | - | - | 0.08 | 0.578 | 0.708 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 19.93 | 20.80 | 1.222 | - | - | 0.12 | 0.701 | 0.856 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 132072 | 1720 | Open | 19.76 | 20.80 | 1.271 | - | - | 0.06 | 0.627 | 0.797 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 132572 | 1770 | Open | 19.71 | 20.80 | 1.285 | - | - | -0.1 | 0.623 | 0.801 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 19.76 | 20.80 | 1.271 | - | - | -0.1 | 0.603 | 0.766 | |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 19.67 | 20.80 | 1.297 | - | - | -0.09 | 0.580 | 0.752 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 19.93 | 20.80 | 1.222 | - | - | 0.01 | 0.748 | 0.914 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 132322 | 1745 | Open | 18.90 | 20.00 | 1.288 | - | - | -0.18 | 0.611 | 0.787 | |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 20.15 | 20.80 | 1.161 | - | - | -0.18 | 0.751 | 0.872 | |
| | LTE Band 66C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132322+ 132520 | 1745+ 1764.8 | Open | 19.85 | 20.80 | 1.245 | - | - | 0.01 | 0.645 | 0.803 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132072 | 1720 | Open | 19.76 | 20.80 | 1.271 | - | - | -0.15 | 0.709 | 0.901 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132572 | 1770 | Open | 19.71 | 20.80 | 1.285 | - | - | 0.05 | 0.658 | 0.846 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 19.76 | 20.80 | 1.271 | - | - | 0.14 | 0.658 | 0.836 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132072 | 1720 | Open | 19.65 | 20.80 | 1.303 | - | - | -0.03 | 0.658 | 0.857 | |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132572 | 1770 | Open | 19.66 | 20.80 | 1.300 | - | - | 0.08 | 0.611 | 0.794 | |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 132322 | 1745 | Open | 19.67 | 20.80 | 1.297 | - | - | 0.09 | 0.642 | 0.833 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 3 | - | DSI 4 | 132322 | 1745 | Open | 22.74 | 24.00 | 1.337 | - | - | 0.01 | 0.085 | 0.114 | |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 3 | - | DSI 4 | 132322 | 1745 | Open | 22.74 | 24.00 | 1.337 | - | - | -0.09 | 0.045 | 0.060 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.98 | 21.40 | 1.387 | - | - | -0.06 | 0.827 | 1.147 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.61 | 21.40 | 1.510 | - | - | 0.08 | 0.725 | 1.095 | |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.57 | 21.40 | 1.524 | - | - | 0.07 | 0.813 | 1.239 | |
| 80 | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.98 | 21.40 | 1.387 | - | - | -0.18 | 0.933 | 1.294 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.61 | 21.40 | 1.510 | - | - | 0.11 | 0.852 | 1.287 | |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.57 | 21.40 | 1.524 | - | - | 0.05 | 0.826 | 1.259 | |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | Headset | DSI 3 | 349000 | 1745 | Open | 19.57 | 21.40 | 1.524 | - | - | -0.03 | 0.764 | 1.164 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | Headset | DSI 3 | 349000 | 1745 | Open | 19.98 | 21.40 | 1.387 | - | - | -0.03 | 0.907 | 1.258 | |
| | FR1 n66 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 349000 | 1745 | Open | 19.89 | 21.40 | 1.416 | - | - | -0.06 | 0.517 | 0.732 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 0 | - | DSI 4 | 349000 | 1745 | Open | 23.51 | 24.00 | 1.119 | - | - | 0.01 | 0.216 | 0.242 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 0 | - | DSI 4 | 349000 | 1745 | Open | 23.51 | 24.00 | 1.119 | - | - | -0.05 | 0.278 | 0.311 | |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.97 | 18.80 | 1.211 | - | - | -0.16 | 0.700 | 0.847 | |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.93 | 18.80 | 1.222 | - | - | 0.05 | 0.745 | 0.910 | |



FCC SAR Test Report

Report No. : FA340401-01

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|----|------------------|-----|------|-----|----|---------------|-------|------|-------|---------|--------------------|--------|--------|------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.86 | 18.80 | 1.242 | - | - | -0.1 | 0.752 | 0.934 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 349000 | 1745 | Open | 17.32 | 18.00 | 1.169 | - | - | 0.04 | 0.548 | 0.641 |
| | FR1 n66 Main PA | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.70 | 18.80 | 1.288 | - | - | 0.04 | 0.719 | 0.926 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.97 | 18.80 | 1.211 | - | - | 0.08 | 0.571 | 0.691 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.93 | 18.80 | 1.222 | - | - | -0.03 | 0.665 | 0.812 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 349000 | 1745 | Open | 17.86 | 18.80 | 1.242 | - | - | -0.18 | 0.668 | 0.829 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 349000 | 1745 | Open | 23.08 | 24.00 | 1.236 | - | - | -0.12 | 0.285 | 0.352 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 349000 | 1745 | Open | 22.98 | 24.00 | 1.265 | - | - | 0.01 | 0.299 | 0.378 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 349000 | 1745 | Open | 22.94 | 24.00 | 1.276 | - | - | 0.08 | 0.301 | 0.384 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 349000 | 1745 | Open | 23.08 | 24.00 | 1.236 | - | - | 0.12 | 0.257 | 0.318 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 349000 | 1745 | Open | 22.98 | 24.00 | 1.265 | - | - | 0.06 | 0.265 | 0.335 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 349000 | 1745 | Open | 22.94 | 24.00 | 1.276 | - | - | 0.02 | 0.278 | 0.355 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.53 | 23.70 | 1.309 | - | - | 0.09 | 0.681 | 0.892 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.37 | 23.70 | 1.358 | - | - | 0.06 | 0.771 | 1.047 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.31 | 23.70 | 1.377 | - | - | 0.15 | 0.771 | 1.062 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.53 | 23.70 | 1.309 | - | - | 0.07 | 0.871 | 1.140 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.37 | 23.70 | 1.358 | - | - | -0.09 | 0.950 | 1.290 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | Headset | DSI 3 | 349000 | 1745 | Open | 22.37 | 23.70 | 1.358 | - | - | 0.04 | 0.935 | 1.270 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.06 | 23.00 | 1.242 | - | - | 0.12 | 0.811 | 1.007 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 349000 | 1745 | Open | 22.31 | 23.70 | 1.377 | - | - | 0.16 | 0.871 | 1.200 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 2 | - | DSI 4 | 349000 | 1745 | Open | 23.03 | 24.00 | 1.250 | - | - | 0.01 | 0.505 | 0.631 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 17mm | Ant 2 | - | DSI 4 | 349000 | 1745 | Open | 22.92 | 24.00 | 1.282 | - | - | 0.08 | 0.512 | 0.657 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 17mm | Ant 2 | - | DSI 4 | 349000 | 1745 | Open | 22.86 | 24.00 | 1.300 | - | - | 0.01 | 0.523 | 0.680 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 2 | - | DSI 4 | 349000 | 1745 | Open | 23.03 | 24.00 | 1.250 | - | - | 0.08 | 0.547 | 0.684 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 18mm | Ant 2 | - | DSI 4 | 349000 | 1745 | Open | 22.92 | 24.00 | 1.282 | - | - | -0.05 | 0.556 | 0.713 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 21.03 | 21.90 | 1.222 | - | - | 0.19 | 0.763 | 0.932 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 Simultaneous | 349000 | 1745 | Open | 19.86 | 21.10 | 1.330 | - | - | 0.04 | 0.606 | 0.806 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 21.05 | 21.90 | 1.216 | - | - | 0.04 | 0.619 | 0.753 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 20.91 | 21.90 | 1.256 | - | - | 0.06 | 0.726 | 0.912 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 20.88 | 21.90 | 1.265 | - | - | 0.04 | 0.735 | 0.930 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 21.03 | 21.90 | 1.222 | - | - | 0.12 | 0.686 | 0.838 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 20.91 | 21.90 | 1.256 | - | - | 0.04 | 0.624 | 0.784 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 349000 | 1745 | Open | 20.88 | 21.90 | 1.265 | - | - | -0.08 | 0.662 | 0.837 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 3 | - | DSI 4 | 349000 | 1745 | Open | 23.10 | 24.00 | 1.230 | - | - | 0.01 | 0.182 | 0.224 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 3 | - | DSI 4 | 349000 | 1745 | Open | 23.10 | 24.00 | 1.230 | - | - | -0.05 | 0.155 | 0.191 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.91 | 22.90 | 1.256 | - | - | -0.04 | 0.433 | 0.544 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.81 | 22.90 | 1.285 | - | - | 0.03 | 0.669 | 0.860 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.77 | 22.90 | 1.297 | - | - | -0.06 | 0.642 | 0.833 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.91 | 22.90 | 1.256 | - | - | -0.12 | 0.713 | 0.896 |
| 81 | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.81 | 22.90 | 1.285 | - | - | 0.03 | 0.981 | 1.261 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | Headset | DSI 3 | 340500 | 1702.5 | Open | 21.81 | 22.90 | 1.285 | - | - | -0.03 | 0.978 | 1.257 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.77 | 22.90 | 1.297 | - | - | -0.03 | 0.955 | 1.239 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.91 | 23.00 | 1.285 | - | - | 0.01 | 0.206 | 0.265 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 0 | - | DSI 3 | 340500 | 1702.5 | Open | 21.91 | 23.00 | 1.285 | - | - | 0.06 | 0.224 | 0.288 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 340500 | 1702.5 | Open | 17.50 | 18.30 | 1.202 | - | - | -0.13 | 0.522 | 0.628 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 340500 | 1702.5 | Open | 17.48 | 18.30 | 1.208 | - | - | 0.09 | 0.759 | 0.917 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 340500 | 1702.5 | Open | 16.44 | 17.50 | 1.276 | - | - | 0.04 | 0.603 | 0.770 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 340500 | 1702.5 | Open | 17.44 | 18.30 | 1.219 | - | - | -0.14 | 0.605 | 0.737 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 340500 | 1702.5 | Open | 17.50 | 18.30 | 1.202 | - | - | 0.19 | 0.550 | 0.661 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 340500 | 1702.5 | Open | 17.48 | 18.30 | 1.208 | - | - | 0.03 | 0.458 | 0.553 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 340500 | 1702.5 | Open | 21.16 | 22.00 | 1.213 | - | - | 0.01 | 0.288 | 0.349 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 340500 | 1702.5 | Open | 21.06 | 22.00 | 1.242 | - | - | 0.06 | 0.244 | 0.303 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 340500 | 1702.5 | Open | 21.16 | 22.00 | 1.213 | - | - | -0.08 | 0.251 | 0.305 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 340500 | 1702.5 | Open | 22.29 | 23.00 | 1.178 | - | - | -0.17 | 0.190 | 0.224 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 340500 | 1702.5 | Open | 22.23 | 23.00 | 1.194 | - | - | 0.14 | 0.229 | 0.273 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 340500 | 1702.5 | Open | 22.29 | 23.00 | 1.178 | - | - | 0.04 | 0.772 | 0.909 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 340500 | 1702.5 | Open | 22.23 | 23.00 | 1.194 | - | - | -0.03 | 1.000 | 1.194 |



| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------|-----|------|----|----|-------------------|-------|------|-------|---------|--------------------|--------|--------|------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 340500 | 1702.5 | Open | 22.20 | 23.00 | 1.202 | - | - | 0.04 | 0.938 | 1.128 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 340500 | 1702.5 | Open | 21.31 | 22.20 | 1.227 | - | - | 0.06 | 0.564 | 0.692 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 340500 | 1702.5 | Open | 21.21 | 22.20 | 1.256 | - | - | 0.03 | 0.735 | 0.923 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 Simultaneous | 340500 | 1702.5 | Open | 20.17 | 21.40 | 1.327 | - | - | -0.1 | 0.585 | 0.777 |
| | FR1 n70 | 15M | QPSK | 75 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 340500 | 1702.5 | Open | 21.10 | 22.20 | 1.288 | - | - | 0.03 | 0.621 | 0.800 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 340500 | 1702.5 | Open | 21.31 | 22.20 | 1.227 | - | - | -0.06 | 0.521 | 0.639 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 340500 | 1702.5 | Open | 21.21 | 22.20 | 1.256 | - | - | 0.05 | 0.591 | 0.742 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 3 | - | DSI 4 | 340500 | 1702.5 | Open | 23.23 | 24.00 | 1.194 | - | - | 0.09 | 0.175 | 0.209 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 17mm | Ant 3 | - | DSI 4 | 340500 | 1702.5 | Open | 23.13 | 24.00 | 1.222 | - | - | 0.01 | 0.182 | 0.222 |
| | FR1 n70 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 3 | - | DSI 4 | 340500 | 1702.5 | Open | 23.23 | 24.00 | 1.194 | - | - | -0.05 | 0.142 | 0.170 |
| | FR1 n70 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 18mm | Ant 3 | - | DSI 4 | 340500 | 1702.5 | Open | 23.13 | 24.00 | 1.222 | - | - | 0.02 | 0.149 | 0.182 |
| 1900MHz | | | | | | | | | | | | | | | | | | | | | | |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | - | DSI 3 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | 0.06 | 0.753 | 0.963 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | - | DSI 3 | 512 | 1850.2 | Open | 22.51 | 23.70 | 1.315 | - | - | 0.06 | 0.665 | 0.875 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 0 | - | DSI 3 | 810 | 1909.8 | Open | 22.54 | 23.70 | 1.306 | - | - | -0.11 | 0.665 | 0.869 |
| 82 | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | - | DSI 3 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | 0.12 | 1.020 | 1.305 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | Headset | DSI 3 | 661 | 1880 | Open | 22.63 | 23.70 | 1.279 | - | - | -0.1 | 1.000 | 1.279 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | - | DSI 3 | 512 | 1850.2 | Open | 22.51 | 23.70 | 1.315 | - | - | 0.05 | 0.991 | 1.303 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 0 | - | DSI 3 | 810 | 1909.8 | Open | 22.54 | 23.70 | 1.306 | - | - | 0.07 | 0.950 | 1.241 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 17mm | Ant 0 | - | DSI 4 | 661 | 1880 | Open | 26.21 | 27.00 | 1.199 | - | - | 0.04 | 0.104 | 0.125 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 18mm | Ant 0 | - | DSI 4 | 661 | 1880 | Open | 26.21 | 27.00 | 1.199 | - | - | -0.14 | 0.142 | 0.170 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 1 | - | DSI 3 | 661 | 1880 | Open | 21.02 | 22.30 | 1.343 | - | - | -0.18 | 0.458 | 0.615 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 | 661 | 1880 | Open | 21.02 | 22.30 | 1.343 | - | - | 0.07 | 0.685 | 0.920 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 661 | 1880 | Open | 20.00 | 21.50 | 1.413 | - | - | 0.15 | 0.480 | 0.678 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 | 512 | 1850.2 | Open | 21.01 | 22.30 | 1.346 | - | - | 0.09 | 0.490 | 0.659 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 1 | - | DSI 3 | 810 | 1909.8 | Open | 20.86 | 22.30 | 1.393 | - | - | -0.16 | 0.466 | 0.649 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 17mm | Ant 1 | - | DSI 4 | 661 | 1880 | Open | 25.69 | 26.50 | 1.205 | - | - | 0.01 | 0.278 | 0.335 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 18mm | Ant 1 | - | DSI 4 | 661 | 1880 | Open | 25.69 | 26.50 | 1.205 | - | - | 0.09 | 0.215 | 0.259 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 2 | - | DSI 3 | 661 | 1880 | Open | 26.59 | 27.50 | 1.233 | - | - | 0.07 | 0.689 | 0.850 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 2 | - | DSI 3 | 512 | 1850.2 | Open | 26.56 | 27.50 | 1.242 | - | - | -0.15 | 0.533 | 0.662 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 2 | - | DSI 3 | 810 | 1909.8 | Open | 26.31 | 27.50 | 1.315 | - | - | 0.09 | 0.599 | 0.788 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | - | DSI 3 | 661 | 1880 | Open | 26.59 | 27.50 | 1.233 | - | - | 0.04 | 0.822 | 1.014 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | - | DSI 3 | 512 | 1850.2 | Open | 26.56 | 27.50 | 1.242 | - | - | 0.06 | 0.635 | 0.788 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 2 | - | DSI 3 | 810 | 1909.8 | Open | 26.31 | 27.50 | 1.315 | - | - | 0.03 | 0.723 | 0.951 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 3 | - | DSI 3 | 661 | 1880 | Open | 25.22 | 25.80 | 1.143 | - | - | -0.02 | 0.596 | 0.681 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 3 | - | DSI 3 | 512 | 1850.2 | Open | 25.06 | 25.80 | 1.186 | - | - | -0.18 | 0.509 | 0.604 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 5mm | Ant 3 | - | DSI 3 | 810 | 1909.8 | Open | 25.11 | 25.80 | 1.172 | - | - | 0.04 | 0.761 | 0.892 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 3 | - | DSI 3 | 661 | 1880 | Open | 25.22 | 25.80 | 1.143 | - | - | -0.1 | 0.679 | 0.776 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 3 | - | DSI 3 | 512 | 1850.2 | Open | 25.06 | 25.80 | 1.186 | - | - | -0.02 | 0.560 | 0.664 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 3 | - | DSI 3 | 810 | 1909.8 | Open | 25.11 | 25.80 | 1.172 | - | - | -0.07 | 0.798 | 0.935 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 810 | 1909.8 | Open | 24.07 | 25.00 | 1.239 | - | - | 0.03 | 0.529 | 0.655 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Front | 17mm | Ant 3 | - | DSI 4 | 661 | 1880 | Open | 27.53 | 28.50 | 1.250 | - | - | 0.07 | 0.201 | 0.251 |
| | GSM1900 | - | - | - | - | GPRS (3 Tx slots) | Back | 18mm | Ant 3 | - | DSI 4 | 661 | 1880 | Open | 27.53 | 28.50 | 1.250 | - | - | -0.09 | 0.175 | 0.219 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 9400 | 1880 | Open | 18.48 | 19.60 | 1.294 | - | - | 0.07 | 0.629 | 0.814 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 9262 | 1852.4 | Open | 18.33 | 19.60 | 1.340 | - | - | 0.15 | 0.487 | 0.652 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | - | DSI 3 | 9538 | 1907.6 | Open | 18.44 | 19.60 | 1.306 | - | - | 0.18 | 0.638 | 0.833 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 9400 | 1880 | Open | 18.48 | 19.60 | 1.294 | - | - | 0.14 | 0.935 | 1.210 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 9262 | 1852.4 | Open | 18.33 | 19.60 | 1.340 | - | - | -0.03 | 0.771 | 1.033 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | - | DSI 3 | 9538 | 1907.6 | Open | 18.44 | 19.60 | 1.306 | - | - | 0.04 | 0.978 | 1.277 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | Headset | DSI 3 | 9538 | 1907.6 | Open | 18.44 | 19.60 | 1.306 | - | - | 0.07 | 0.964 | 1.259 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|---------------------|-----|------|-----|---|--------------|-------|------|-------|---------|--------------------|-------|--------|------|-------|-------|-------|---|---|-------|-------|-------|
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 0 | - | DSI 4 | 9400 | 1880 | Open | 22.82 | 24.00 | 1.312 | - | - | 0.08 | 0.185 | 0.243 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 0 | - | DSI 4 | 9400 | 1880 | Open | 22.82 | 24.00 | 1.312 | - | - | -0.18 | 0.216 | 0.283 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 9400 | 1880 | Open | 15.15 | 16.30 | 1.303 | - | - | 0.07 | 0.714 | 0.930 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 9400 | 1880 | Open | 14.19 | 15.50 | 1.352 | - | - | 0.03 | 0.593 | 0.802 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 9262 | 1852.4 | Open | 14.82 | 16.30 | 1.406 | - | - | 0.16 | 0.660 | 0.928 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | - | DSI 3 | 9538 | 1907.6 | Open | 14.77 | 16.30 | 1.422 | - | - | 0.02 | 0.444 | 0.632 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 9400 | 1880 | Open | 15.15 | 16.30 | 1.303 | - | - | 0.17 | 0.678 | 0.884 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 9262 | 1852.4 | Open | 14.82 | 16.30 | 1.406 | - | - | 0.03 | 0.659 | 0.927 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | - | DSI 3 | 9538 | 1907.6 | Open | 14.77 | 16.30 | 1.422 | - | - | 0.17 | 0.420 | 0.597 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 1 | - | DSI 4 | 9400 | 1880 | Open | 22.49 | 24.00 | 1.416 | - | - | 0.02 | 0.455 | 0.644 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 1 | - | DSI 4 | 9400 | 1880 | Open | 22.49 | 24.00 | 1.416 | - | - | 0.01 | 0.389 | 0.551 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | - | DSI 3 | 9400 | 1880 | Open | 22.15 | 23.60 | 1.396 | - | - | -0.18 | 0.725 | 1.012 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | - | DSI 3 | 9262 | 1852.4 | Open | 22.06 | 23.60 | 1.426 | - | - | -0.16 | 0.725 | 1.034 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 2 | - | DSI 3 | 9538 | 1907.6 | Open | 22.14 | 23.60 | 1.400 | - | - | 0.08 | 0.744 | 1.041 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | - | DSI 3 | 9400 | 1880 | Open | 22.15 | 23.60 | 1.396 | - | - | 0.03 | 0.866 | 1.209 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | - | DSI 3 | 9262 | 1852.4 | Open | 22.06 | 23.60 | 1.426 | - | - | 0.04 | 0.879 | 1.253 |
| 83 | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | - | DSI 3 | 9538 | 1907.6 | Open | 22.14 | 23.60 | 1.400 | - | - | 0.12 | 0.924 | 1.293 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 2 | Headset | DSI 3 | 9538 | 1907.6 | Open | 22.14 | 23.60 | 1.400 | - | - | 0.03 | 0.914 | 1.279 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 2 | - | DSI 4 | 9400 | 1880 | Open | 23.27 | 24.00 | 1.183 | - | - | 0.02 | 0.215 | 0.254 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 2 | - | DSI 4 | 9400 | 1880 | Open | 23.27 | 24.00 | 1.183 | - | - | 0.07 | 0.204 | 0.241 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 | 9400 | 1880 | Open | 20.65 | 21.80 | 1.303 | - | - | -0.12 | 0.703 | 0.916 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 | 9262 | 1852.4 | Open | 20.38 | 21.80 | 1.387 | - | - | -0.09 | 0.653 | 0.906 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 3 | - | DSI 3 | 9538 | 1907.6 | Open | 20.49 | 21.80 | 1.352 | - | - | 0.05 | 0.643 | 0.869 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 | 9400 | 1880 | Open | 20.65 | 21.80 | 1.303 | - | - | 0.01 | 0.704 | 0.917 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 9400 | 1880 | Open | 19.58 | 21.00 | 1.387 | - | - | 0.03 | 0.571 | 0.792 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 | 9262 | 1852.4 | Open | 20.38 | 21.80 | 1.387 | - | - | 0.02 | 0.653 | 0.906 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 3 | - | DSI 3 | 9538 | 1907.6 | Open | 20.49 | 21.80 | 1.352 | - | - | 0.09 | 0.647 | 0.875 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 17mm | Ant 3 | - | DSI 4 | 9400 | 1880 | Open | 24.00 | 25.00 | 1.259 | - | - | 0.08 | 0.185 | 0.233 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 18mm | Ant 3 | - | DSI 4 | 9400 | 1880 | Open | 24.00 | 25.00 | 1.259 | - | - | -0.01 | 0.146 | 0.184 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.07 | 0.914 | 1.062 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26140 | 1860 | Open | 20.42 | 21.30 | 1.225 | - | - | 0.06 | 0.775 | 0.949 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26590 | 1905 | Open | 20.54 | 21.30 | 1.191 | - | - | -0.13 | 0.771 | 0.918 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26340 | 1880 | Open | 20.51 | 21.30 | 1.199 | - | - | -0.02 | 0.775 | 0.930 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26140 | 1860 | Open | 20.44 | 21.30 | 1.219 | - | - | 0.09 | 0.641 | 0.781 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26590 | 1905 | Open | 20.31 | 21.30 | 1.256 | - | - | 0.03 | 0.641 | 0.805 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 26340 | 1880 | Open | 20.47 | 21.30 | 1.211 | - | - | 0.03 | 0.767 | 0.929 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.04 | 1.100 | 1.278 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 26340 | 1880 | Open | 20.65 | 21.30 | 1.161 | - | - | 0.17 | 1.040 | 1.208 |
| | LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 18900 | 1880 | Open | 20.49 | 21.30 | 1.205 | - | - | -0.09 | 1.020 | 1.229 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26140 | 1860 | Open | 20.42 | 21.30 | 1.225 | - | - | 0.05 | 0.918 | 1.124 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26590 | 1905 | Open | 20.54 | 21.30 | 1.191 | - | - | 0.07 | 0.927 | 1.104 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26340 | 1880 | Open | 20.51 | 21.30 | 1.199 | - | - | 0.09 | 0.931 | 1.117 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26140 | 1860 | Open | 20.44 | 21.30 | 1.219 | - | - | -0.15 | 0.719 | 0.876 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26590 | 1905 | Open | 20.31 | 21.30 | 1.256 | - | - | 0.05 | 0.767 | 0.963 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 26340 | 1880 | Open | 20.47 | 21.30 | 1.211 | - | - | 0.19 | 0.931 | 1.127 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 0 | - | DSI 4 | 26340 | 1880 | Open | 23.45 | 24.00 | 1.135 | - | - | 0.08 | 0.066 | 0.075 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 0 | - | DSI 4 | 26340 | 1880 | Open | 23.45 | 24.00 | 1.135 | - | - | -0.05 | 0.095 | 0.108 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26340 | 1880 | Open | 16.39 | 17.50 | 1.291 | - | - | -0.04 | 0.719 | 0.928 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 26340 | 1880 | Open | 15.43 | 16.70 | 1.340 | - | - | -0.09 | 0.598 | 0.801 |
| | LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 18900 | 1880 | Open | 16.15 | 17.50 | 1.365 | - | - | -0.18 | 0.675 | 0.921 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26140 | 1860 | Open | 16.12 | 17.50 | 1.374 | - | - | -0.16 | 0.664 | 0.912 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26590 | 1905 | Open | 16.11 | 17.50 | 1.377 | - | - | 0.05 | 0.402 | 0.554 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26340 | 1880 | Open | 16.16 | 17.50 | 1.361 | - | - | 0.03 | 0.608 | 0.828 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26140 | 1860 | Open | 16.15 | 17.50 | 1.365 | - | - | -0.08 | 0.572 | 0.781 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26590 | 1905 | Open | 16.09 | 17.50 | 1.384 | - | - | 0.03 | 0.326 | 0.451 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 26340 | 1880 | Open | 16.15 | 17.50 | 1.365 | - | - | 0.05 | 0.595 | 0.812 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|------------------------|-----|------|-----|----|---------------|-------|------|-------|---------|-----------------------|--------|--------|------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 26340 | 1880 | Open | 16.39 | 17.50 | 1.291 | - | - | 0.03 | 0.517 | 0.668 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 26340 | 1880 | Open | 16.16 | 17.50 | 1.361 | - | - | -0.09 | 0.517 | 0.704 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 26340 | 1880 | Open | 23.23 | 24.00 | 1.194 | - | - | 0.01 | 0.206 | 0.246 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 26340 | 1880 | Open | 23.23 | 24.00 | 1.194 | - | - | 0.09 | 0.177 | 0.211 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26340 | 1880 | Open | 21.40 | 22.30 | 1.230 | - | - | -0.01 | 0.833 | 1.025 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26140 | 1860 | Open | 21.30 | 22.30 | 1.259 | - | - | 0.06 | 0.795 | 1.001 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26590 | 1905 | Open | 21.24 | 22.30 | 1.276 | - | - | 0.06 | 0.788 | 1.006 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26340 | 1880 | Open | 21.31 | 22.30 | 1.256 | - | - | -0.05 | 0.723 | 0.908 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26140 | 1860 | Open | 21.24 | 22.30 | 1.276 | - | - | -0.09 | 0.769 | 0.982 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26590 | 1905 | Open | 21.19 | 22.30 | 1.291 | - | - | -0.1 | 0.723 | 0.934 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 26340 | 1880 | Open | 21.27 | 22.30 | 1.268 | - | - | 0.08 | 0.629 | 0.797 |
| 84 | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26340 | 1880 | Open | 21.40 | 22.30 | 1.230 | - | - | -0.01 | 1.040 | 1.279 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | Headset | DSI 3 | 26340 | 1880 | Open | 21.40 | 22.30 | 1.230 | - | - | 0.03 | 1.010 | 1.243 |
| | LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 18900 | 1880 | Open | 21.57 | 22.30 | 1.183 | - | - | -0.17 | 1.080 | 1.278 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26140 | 1860 | Open | 21.30 | 22.30 | 1.259 | - | - | -0.18 | 0.956 | 1.204 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26590 | 1905 | Open | 21.24 | 22.30 | 1.276 | - | - | 0.08 | 0.711 | 0.908 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26340 | 1880 | Open | 21.31 | 22.30 | 1.256 | - | - | 0.04 | 0.891 | 1.119 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26140 | 1860 | Open | 21.24 | 22.30 | 1.276 | - | - | 0.03 | 0.937 | 1.196 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26590 | 1905 | Open | 21.19 | 22.30 | 1.291 | - | - | 0.08 | 0.898 | 1.160 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 26340 | 1880 | Open | 21.27 | 22.30 | 1.268 | - | - | 0.08 | 0.866 | 1.098 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 2 | - | DSI 4 | 26340 | 1880 | Open | 21.84 | 23.50 | 1.466 | - | - | 0.02 | 0.084 | 0.123 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 2 | - | DSI 4 | 26340 | 1880 | Open | 21.84 | 23.50 | 1.466 | - | - | 0.01 | 0.091 | 0.133 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 26340 | 1880 | Open | 19.41 | 20.50 | 1.285 | - | - | 0.04 | 0.648 | 0.833 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 26140 | 1860 | Open | 19.36 | 20.50 | 1.300 | - | - | -0.04 | 0.618 | 0.804 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 26590 | 1905 | Open | 19.28 | 20.50 | 1.324 | - | - | 0.03 | 0.485 | 0.642 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 26340 | 1880 | Open | 19.33 | 20.50 | 1.309 | - | - | 0.07 | 0.558 | 0.731 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 26340 | 1880 | Open | 19.20 | 20.50 | 1.349 | - | - | -0.17 | 0.558 | 0.753 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26340 | 1880 | Open | 19.41 | 20.50 | 1.285 | - | - | -0.12 | 0.694 | 0.892 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26140 | 1860 | Open | 19.36 | 20.50 | 1.300 | - | - | 0.03 | 0.711 | 0.924 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 26140 | 1860 | Open | 18.44 | 19.70 | 1.337 | - | - | 0.06 | 0.591 | 0.790 |
| | LTE Band 2 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 18900 | 1880 | Open | 19.52 | 20.50 | 1.253 | - | - | 0.08 | 0.719 | 0.901 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26590 | 1905 | Open | 19.28 | 20.50 | 1.324 | - | - | 0.03 | 0.688 | 0.911 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26340 | 1880 | Open | 19.33 | 20.50 | 1.309 | - | - | 0.03 | 0.611 | 0.800 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26140 | 1860 | Open | 19.18 | 20.50 | 1.355 | - | - | 0.03 | 0.648 | 0.878 |
| | LTE Band 25 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26590 | 1905 | Open | 19.16 | 20.50 | 1.361 | - | - | 0.05 | 0.628 | 0.855 |
| | LTE Band 25 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 26340 | 1880 | Open | 19.20 | 20.50 | 1.349 | - | - | 0.07 | 0.615 | 0.830 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 3 | - | DSI 4 | 26340 | 1880 | Open | 22.65 | 24.00 | 1.365 | - | - | 0.08 | 0.182 | 0.248 |
| | LTE Band 25 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 3 | - | DSI 4 | 26340 | 1880 | Open | 22.65 | 24.00 | 1.365 | - | - | -0.02 | 0.179 | 0.244 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 376500 | 1882.5 | Open | 20.03 | 21.10 | 1.279 | - | - | -0.14 | 0.710 | 0.908 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.92 | 21.10 | 1.312 | - | - | 0.02 | 0.665 | 0.873 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 381000 | 1905 | Open | 19.87 | 21.10 | 1.327 | - | - | 0.06 | 0.652 | 0.865 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 376500 | 1882.5 | Open | 20.00 | 21.10 | 1.288 | - | - | -0.19 | 0.818 | 1.054 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.89 | 21.10 | 1.321 | - | - | 0.06 | 0.731 | 0.966 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 381000 | 1905 | Open | 19.84 | 21.10 | 1.337 | - | - | -0.02 | 0.721 | 0.964 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 376500 | 1882.5 | Open | 19.78 | 21.10 | 1.355 | - | - | 0.18 | 0.754 | 1.022 |
| 85 | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 376500 | 1882.5 | Open | 20.03 | 21.10 | 1.279 | - | - | 0.04 | 1.010 | 1.292 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | Headset | DSI 3 | 376500 | 1882.5 | Open | 20.03 | 21.10 | 1.279 | - | - | 0.03 | 0.823 | 1.053 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.92 | 21.10 | 1.312 | - | - | -0.05 | 0.812 | 1.066 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 381000 | 1905 | Open | 19.87 | 21.10 | 1.327 | - | - | 0.04 | 0.845 | 1.122 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 376500 | 1882.5 | Open | 20.00 | 21.10 | 1.288 | - | - | 0.01 | 1.000 | 1.288 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.89 | 21.10 | 1.321 | - | - | 0.06 | 0.935 | 1.235 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 381000 | 1905 | Open | 19.84 | 21.10 | 1.337 | - | - | 0.05 | 0.841 | 1.124 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 376500 | 1882.5 | Open | 19.78 | 21.10 | 1.355 | - | - | 0.06 | 0.948 | 1.285 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 0 | - | DSI 4 | 376500 | 1882.5 | Open | 22.06 | 23.00 | 1.242 | - | - | -0.03 | 0.155 | 0.192 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 17mm | Ant 0 | - | DSI 4 | 376500 | 1882.5 | Open | 21.97 | 23.00 | 1.268 | - | - | 0.04 | 0.156 | 0.198 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 0 | - | DSI 4 | 376500 | 1882.5 | Open | 22.06 | 23.00 | 1.242 | - | - | 0.01 | 0.194 | 0.241 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 376500 | 1882.5 | Open | 14.22 | 15.00 | 1.197 | - | - | 0.04 | 0.773 | 0.925 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|-----------------|-----|------|-----|----|---------------|-------|------|-------|---------|--------------------|--------|--------|------|-------|-------|-------|---|---|-------|-------|-------|
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 376500 | 1882.5 | Open | 13.29 | 14.20 | 1.233 | - | - | 0.07 | 0.628 | 0.774 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 372000 | 1860 | Open | 14.15 | 15.00 | 1.216 | - | - | 0.03 | 0.705 | 0.857 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 381000 | 1905 | Open | 14.19 | 15.00 | 1.205 | - | - | -0.04 | 0.711 | 0.857 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 376500 | 1882.5 | Open | 14.17 | 15.00 | 1.211 | - | - | 0.08 | 0.671 | 0.812 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 372000 | 1860 | Open | 14.01 | 15.00 | 1.256 | - | - | 0.02 | 0.623 | 0.783 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 381000 | 1905 | Open | 14.14 | 15.00 | 1.219 | - | - | 0.04 | 0.625 | 0.762 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 376500 | 1882.5 | Open | 14.08 | 15.00 | 1.236 | - | - | 0.13 | 0.680 | 0.840 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 376500 | 1882.5 | Open | 14.22 | 15.00 | 1.197 | - | - | 0.02 | 0.693 | 0.829 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 372000 | 1860 | Open | 14.15 | 15.00 | 1.216 | - | - | 0.07 | 0.656 | 0.798 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 381000 | 1905 | Open | 14.19 | 15.00 | 1.205 | - | - | -0.12 | 0.624 | 0.752 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 376500 | 1882.5 | Open | 14.17 | 15.00 | 1.211 | - | - | 0.04 | 0.642 | 0.777 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 376500 | 1882.5 | Open | 14.08 | 15.00 | 1.236 | - | - | 0.02 | 0.664 | 0.821 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 376500 | 1882.5 | Open | 21.67 | 23.00 | 1.358 | - | - | 0.05 | 0.456 | 0.619 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 376500 | 1882.5 | Open | 21.67 | 23.00 | 1.358 | - | - | 0.01 | 0.402 | 0.546 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.96 | 23.00 | 1.271 | - | - | 0.14 | 0.779 | 0.990 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.77 | 23.00 | 1.327 | - | - | 0.06 | 0.727 | 0.965 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 381000 | 1905 | Open | 21.67 | 23.00 | 1.358 | - | - | -0.02 | 0.716 | 0.973 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.86 | 23.00 | 1.300 | - | - | -0.09 | 0.743 | 0.966 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.83 | 23.00 | 1.309 | - | - | 0.01 | 0.705 | 0.923 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 381000 | 1905 | Open | 21.81 | 23.00 | 1.315 | - | - | 0.05 | 0.658 | 0.865 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.77 | 23.00 | 1.327 | - | - | 0.07 | 0.747 | 0.992 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.96 | 23.00 | 1.271 | - | - | -0.09 | 0.955 | 1.213 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | Headset | DSI 3 | 376500 | 1882.5 | Open | 21.96 | 23.00 | 1.271 | - | - | 0.05 | 0.901 | 1.145 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 381000 | 1905 | Open | 21.67 | 23.00 | 1.358 | - | - | 0.02 | 0.882 | 1.198 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.96 | 23.00 | 1.271 | - | - | 0.01 | 0.905 | 1.150 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.86 | 23.00 | 1.300 | - | - | 0.05 | 0.910 | 1.183 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.83 | 23.00 | 1.309 | - | - | 0.01 | 0.823 | 1.077 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 381000 | 1905 | Open | 21.81 | 23.00 | 1.315 | - | - | 0.04 | 0.801 | 1.053 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376500 | 1882.5 | Open | 21.77 | 23.00 | 1.327 | - | - | 0.1 | 0.912 | 1.211 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 376500 | 1882.5 | Open | 19.47 | 20.40 | 1.239 | - | - | 0.05 | 0.607 | 0.752 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 376500 | 1882.5 | Open | 19.36 | 20.40 | 1.271 | - | - | 0.03 | 0.729 | 0.926 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 Simultaneous | 376500 | 1882.5 | Open | 18.79 | 19.60 | 1.205 | - | - | 0.02 | 0.567 | 0.683 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 376000 | 1880 | Open | 19.33 | 20.40 | 1.279 | - | - | 0.11 | 0.718 | 0.919 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 372000 | 1860 | Open | 19.25 | 20.40 | 1.303 | - | - | 0.01 | 0.652 | 0.850 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 381000 | 1905 | Open | 19.24 | 20.40 | 1.306 | - | - | -0.09 | 0.623 | 0.814 |
| | FR1 n25 | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 376500 | 1882.5 | Open | 19.23 | 20.40 | 1.309 | - | - | 0.03 | 0.637 | 0.834 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 376500 | 1882.5 | Open | 19.47 | 20.40 | 1.239 | - | - | 0.15 | 0.559 | 0.692 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 376500 | 1882.5 | Open | 19.36 | 20.40 | 1.271 | - | - | -0.17 | 0.589 | 0.748 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 3 | - | DSI 4 | 376500 | 1882.5 | Open | 22.99 | 24.00 | 1.262 | - | - | 0.01 | 0.288 | 0.363 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 17mm | Ant 3 | - | DSI 4 | 376500 | 1882.5 | Open | 22.75 | 24.00 | 1.334 | - | - | 0.09 | 0.291 | 0.388 |
| | FR1 n25 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 3 | - | DSI 4 | 376500 | 1882.5 | Open | 22.99 | 24.00 | 1.262 | - | - | 0.01 | 0.265 | 0.334 |
| | FR1 n25 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 18mm | Ant 3 | - | DSI 4 | 376500 | 1882.5 | Open | 22.75 | 24.00 | 1.334 | - | - | -0.18 | 0.278 | 0.371 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 376000 | 1880 | Open | 19.93 | 21.10 | 1.309 | - | - | 0.05 | 0.758 | 0.992 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.79 | 21.10 | 1.352 | - | - | 0.02 | 0.655 | 0.886 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 380000 | 1900 | Open | 19.59 | 21.10 | 1.416 | - | - | -0.11 | 0.672 | 0.951 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 376000 | 1880 | Open | 19.73 | 21.10 | 1.371 | - | - | -0.04 | 0.713 | 0.977 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.70 | 21.10 | 1.380 | - | - | 0.03 | 0.707 | 0.976 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 380000 | 1900 | Open | 19.67 | 21.10 | 1.390 | - | - | 0.01 | 0.712 | 0.990 |
| | FR1 n2 Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 376000 | 1880 | Open | 19.74 | 21.10 | 1.368 | - | - | 0.01 | 0.700 | 0.957 |
| 86 | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 376000 | 1880 | Open | 19.93 | 21.10 | 1.309 | - | - | 0.02 | 0.985 | 1.290 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | Headset | DSI 3 | 376000 | 1880 | Open | 19.93 | 21.10 | 1.309 | - | - | 0.02 | 0.912 | 1.194 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.79 | 21.10 | 1.352 | - | - | 0.06 | 0.909 | 1.229 |
| | FR1 n2 Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 380000 | 1900 | Open | 19.59 | 21.10 | 1.416 | - | - | -0.03 | 0.902 | 1.277 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 376000 | 1880 | Open | 19.73 | 21.10 | 1.371 | - | - | -0.06 | 0.902 | 1.237 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 372000 | 1860 | Open | 19.70 | 21.10 | 1.380 | - | - | -0.06 | 0.915 | 1.263 |
| | FR1 n2 Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 380000 | 1900 | Open | 19.67 | 21.10 | 1.390 | - | - | 0.01 | 0 | |



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----|------|-----|----|---------------|-------|------|-------|---------|-------|--------|------|------|-------|-------|-------|---|---|-------|-------|-------|
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 0 | - | DSI 4 | 376000 | 1880 | Open | 23.81 | 25.00 | 1.315 | - | - | 0.04 | 0.056 | 0.074 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 0 | - | DSI 4 | 376000 | 1880 | Open | 23.81 | 25.00 | 1.315 | - | - | 0.07 | 0.178 | 0.234 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 376000 | 1880 | Open | 14.56 | 15.00 | 1.107 | - | - | 0.05 | 0.717 | 0.793 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 376000 | 1880 | Open | 14.51 | 15.00 | 1.119 | - | - | 0.02 | 0.583 | 0.653 |
| FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 376000 | 1880 | Open | 14.40 | 15.00 | 1.148 | - | - | -0.03 | 0.622 | 0.714 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 376000 | 1880 | Open | 14.56 | 15.00 | 1.107 | - | - | 0.01 | 0.631 | 0.698 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 376000 | 1880 | Open | 14.51 | 15.00 | 1.119 | - | - | 0.14 | 0.624 | 0.699 |
| FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 376000 | 1880 | Open | 14.40 | 15.00 | 1.148 | - | - | 0.02 | 0.595 | 0.683 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 376000 | 1880 | Open | 23.33 | 24.00 | 1.167 | - | - | -0.09 | 0.514 | 0.600 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 376000 | 1880 | Open | 23.33 | 24.00 | 1.167 | - | - | 0.01 | 0.446 | 0.520 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 376000 | 1880 | Open | 23.27 | 24.00 | 1.183 | - | - | 0.03 | 0.456 | 0.539 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 376000 | 1880 | Open | 21.78 | 23.20 | 1.387 | - | - | 0.05 | 0.873 | 1.211 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.76 | 23.20 | 1.393 | - | - | 0.02 | 0.815 | 1.135 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 380000 | 1900 | Open | 21.52 | 23.20 | 1.472 | - | - | -0.11 | 0.807 | 1.188 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 376000 | 1880 | Open | 21.62 | 23.20 | 1.439 | - | - | 0.01 | 0.832 | 1.197 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.54 | 23.20 | 1.466 | - | - | 0.06 | 0.754 | 1.105 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 380000 | 1900 | Open | 21.45 | 23.20 | 1.496 | - | - | 0.05 | 0.762 | 1.140 |
| FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 376000 | 1880 | Open | 21.60 | 23.20 | 1.445 | - | - | -0.17 | 0.837 | 1.210 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376000 | 1880 | Open | 21.78 | 23.20 | 1.387 | - | - | 0.08 | 0.894 | 1.240 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | Headset | DSI 3 | 376000 | 1880 | Open | 21.78 | 23.20 | 1.387 | - | - | 0.03 | 0.819 | 1.136 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | Headset | DSI 3 | 376000 | 1880 | Open | 21.78 | 23.20 | 1.387 | - | - | 0.01 | 0.815 | 1.130 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.76 | 23.20 | 1.393 | - | - | 0.06 | 0.875 | 1.219 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 380000 | 1900 | Open | 21.52 | 23.20 | 1.472 | - | - | 0.14 | 0.832 | 1.225 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376000 | 1880 | Open | 21.62 | 23.20 | 1.439 | - | - | 0.03 | 0.841 | 1.210 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 372000 | 1860 | Open | 21.54 | 23.20 | 1.466 | - | - | 0.03 | 0.814 | 1.193 |
| FR1 n2_Other PA | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 380000 | 1900 | Open | 21.45 | 23.20 | 1.496 | - | - | 0.09 | 0.806 | 1.206 |
| FR1 n2_Other PA | 20M | QPSK | 100 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 376000 | 1880 | Open | 21.60 | 23.20 | 1.445 | - | - | 0.05 | 0.828 | 1.197 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 2 | - | DSI 4 | 376000 | 1880 | Open | 23.28 | 24.00 | 1.180 | - | - | 0.03 | 0.469 | 0.554 |
| FR1 n2_Other PA | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 2 | - | DSI 4 | 376000 | 1880 | Open | 23.28 | 24.00 | 1.180 | - | - | 0.01 | 0.095 | 0.112 |

2300MHz

| | | | | | | | | | | | | | | | | | | | | | | |
|----|-------------|-----|------|----|---|---|-------|------|-------|---------|-------|-------|------|------|-------|-------|-------|---|---|-------|-------|-------|
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 27710 | 2310 | Open | 19.93 | 21.20 | 1.340 | - | - | -0.11 | 0.842 | 1.128 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 27710 | 2310 | Open | 19.83 | 21.20 | 1.371 | - | - | 0.06 | 0.643 | 0.881 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 27710 | 2310 | Open | 19.74 | 21.20 | 1.400 | - | - | -0.13 | 0.676 | 0.946 |
| 87 | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 27710 | 2310 | Open | 19.93 | 21.20 | 1.340 | - | - | -0.05 | 0.958 | 1.283 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 27710 | 2310 | Open | 19.93 | 21.20 | 1.340 | - | - | 0.04 | 0.935 | 1.253 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 27710 | 2310 | Open | 19.83 | 21.20 | 1.371 | - | - | 0.11 | 0.736 | 1.009 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 27710 | 2310 | Open | 19.74 | 21.20 | 1.400 | - | - | 0.12 | 0.770 | 1.078 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 17mm | Ant 0 | - | DSI 4 | 27710 | 2310 | Open | 20.55 | 22.00 | 1.396 | - | - | 0.01 | 0.298 | 0.416 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 18mm | Ant 0 | - | DSI 4 | 27710 | 2310 | Open | 20.55 | 22.00 | 1.396 | - | - | 0.09 | 0.214 | 0.299 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 27710 | 2310 | Open | 17.34 | 18.50 | 1.306 | - | - | -0.19 | 0.318 | 0.415 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 27710 | 2310 | Open | 17.24 | 18.50 | 1.337 | - | - | -0.15 | 0.237 | 0.317 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 27710 | 2310 | Open | 17.34 | 18.50 | 1.306 | - | - | -0.03 | 0.710 | 0.927 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 27710 | 2310 | Open | 16.41 | 17.70 | 1.346 | - | - | 0.08 | 0.585 | 0.787 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 27710 | 2310 | Open | 17.24 | 18.50 | 1.337 | - | - | 0.04 | 0.560 | 0.748 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 27710 | 2310 | Open | 17.16 | 18.50 | 1.361 | - | - | 0.06 | 0.556 | 0.757 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 27710 | 2310 | Open | 20.76 | 22.00 | 1.330 | - | - | 0.06 | 0.185 | 0.246 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 27710 | 2310 | Open | 20.76 | 22.00 | 1.330 | - | - | -0.02 | 0.145 | 0.193 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 27710 | 2310 | Open | 21.44 | 23.00 | 1.432 | - | - | 0.06 | 0.670 | 0.960 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 27710 | 2310 | Open | 21.36 | 23.00 | 1.459 | - | - | 0.07 | 0.543 | 0.792 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 27710 | 2310 | Open | 21.31 | 23.00 | 1.476 | - | - | 0.11 | 0.540 | 0.797 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 27710 | 2310 | Open | 21.44 | 23.00 | 1.432 | - | - | 0.08 | 0.727 | 1.041 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 27710 | 2310 | Open | 21.36 | 23.00 | 1.459 | - | - | 0.04 | 0.606 | 0.884 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 27710 | 2310 | Open | 21.31 | 23.00 | 1.476 | - | - | 0.09 | 0.621 | 0.916 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 27710 | 2310 | Open | 19.97 | 20.80 | 1.211 | - | - | 0.05 | 0.665 | 0.805 |
| | LTE Band 30 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 27710 | 2310 | Open | 19.95 | 20.80 | 1.216 | - | - | 0.16 | 0.517 | 0.629 |
| | LTE Band 30 | 10M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 27710 | 2310 | Open | 19.87 | 20.80 | 1.239 | - | - | 0.03 | 0.521 | 0.645 |
| | LTE Band 30 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 27710 | 2310 | Open | 19.97 | 20.80 | 1.211 | - | - | -0.11 | 0.767 | 0.929 |



FCC SAR Test Report

Report No. : FA340401-01

Table with columns for LTE Band, Modulation, Power, Frequency, Position, Distance, Antenna, Exposure, SAR, etc. Includes a section for 2600MHz.



FCC SAR Test Report

Report No. : FA340401-01

| | | | | | | | | | | | | | | | | | | | | | | |
|----|---------------------|-----|------|-----|----|---|-------|------|-------|---------|--------------------|-------------|-------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 21350 | 2560 | Open | 17.88 | 18.80 | 1.236 | - | - | 0.13 | 0.623 | 0.770 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 21350 | 2560 | Open | 18.43 | 19.60 | 1.309 | - | - | 0.09 | 0.680 | 0.890 |
| | LTE Band 7C | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 21350+21152 | 2560+2540.2 | Open | 18.75 | 19.60 | 1.216 | - | - | 0.03 | 0.612 | 0.744 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 20850 | 2510 | Open | 18.65 | 19.60 | 1.245 | - | - | -0.07 | 0.402 | 0.500 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 21100 | 2535 | Open | 18.71 | 19.60 | 1.227 | - | - | -0.02 | 0.584 | 0.717 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 21350 | 2560 | Open | 18.70 | 19.60 | 1.230 | - | - | 0.09 | 0.615 | 0.757 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 21350 | 2560 | Open | 18.68 | 19.60 | 1.236 | - | - | 0.02 | 0.584 | 0.722 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 21350 | 2560 | Open | 18.87 | 19.60 | 1.183 | - | - | -0.11 | 0.676 | 0.800 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 20850 | 2510 | Open | 18.65 | 19.60 | 1.245 | - | - | 0.06 | 0.421 | 0.524 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 21100 | 2535 | Open | 18.71 | 19.60 | 1.227 | - | - | 0.04 | 0.625 | 0.767 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 21350 | 2560 | Open | 18.70 | 19.60 | 1.230 | - | - | -0.03 | 0.717 | 0.882 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 20850 | 2510 | Open | 18.53 | 19.60 | 1.279 | - | - | 0.18 | 0.426 | 0.545 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 21100 | 2535 | Open | 18.62 | 19.60 | 1.253 | - | - | -0.12 | 0.540 | 0.677 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 21350 | 2560 | Open | 18.68 | 19.60 | 1.236 | - | - | 0.08 | 0.431 | 0.533 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 21350 | 2560 | Open | 23.20 | 23.50 | 1.072 | - | - | 0.01 | 0.179 | 0.192 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 21350 | 2560 | Open | 23.20 | 23.50 | 1.072 | - | - | 0.09 | 0.145 | 0.155 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.34 | 20.80 | 1.400 | - | - | -0.12 | 0.711 | 0.995 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 20850 | 2510 | Open | 19.17 | 20.80 | 1.455 | - | - | 0.03 | 0.604 | 0.879 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 21350 | 2560 | Open | 18.99 | 20.80 | 1.517 | - | - | -0.01 | 0.572 | 0.868 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.18 | 20.80 | 1.452 | - | - | 0.01 | 0.615 | 0.893 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 20850 | 2510 | Open | 19.17 | 20.80 | 1.455 | - | - | 0.14 | 0.505 | 0.735 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 21350 | 2560 | Open | 19.08 | 20.80 | 1.486 | - | - | 0.07 | 0.521 | 0.774 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.12 | 20.80 | 1.472 | - | - | 0.09 | 0.577 | 0.850 |
| 89 | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.34 | 20.80 | 1.400 | - | - | 0.07 | 0.925 | 1.295 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | Headset | DSI 3 | 21100 | 2535 | Open | 19.34 | 20.80 | 1.400 | - | - | -0.02 | 0.907 | 1.269 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.62 | 20.80 | 1.312 | - | - | -0.15 | 0.931 | 1.222 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21100+21298 | 2535+2554.8 | Open | 19.22 | 20.80 | 1.439 | - | - | 0.03 | 0.815 | 1.173 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 20850 | 2510 | Open | 19.17 | 20.80 | 1.455 | - | - | -0.15 | 0.807 | 1.175 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21350 | 2560 | Open | 18.99 | 20.80 | 1.517 | - | - | -0.02 | 0.759 | 1.151 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.18 | 20.80 | 1.452 | - | - | 0.05 | 0.807 | 1.172 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 20850 | 2510 | Open | 19.17 | 20.80 | 1.455 | - | - | 0.05 | 0.684 | 0.996 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21350 | 2560 | Open | 19.08 | 20.80 | 1.486 | - | - | -0.15 | 0.695 | 1.033 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 21100 | 2535 | Open | 19.12 | 20.80 | 1.472 | - | - | -0.16 | 0.775 | 1.141 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 2 | - | DSI 4 | 21100 | 2535 | Open | 21.92 | 23.00 | 1.282 | - | - | 0.08 | 0.142 | 0.182 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 2 | - | DSI 4 | 21100 | 2535 | Open | 21.92 | 23.00 | 1.282 | - | - | -0.1 | 0.166 | 0.213 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 18.75 | 19.60 | 1.216 | - | - | 0.06 | 0.675 | 0.821 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 20850 | 2510 | Open | 18.62 | 19.60 | 1.253 | - | - | 0.05 | 0.664 | 0.832 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 21350 | 2560 | Open | 18.54 | 19.60 | 1.276 | - | - | -0.11 | 0.594 | 0.758 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 18.48 | 19.60 | 1.294 | - | - | 0.06 | 0.601 | 0.778 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 20850 | 2510 | Open | 18.44 | 19.60 | 1.306 | - | - | -0.15 | 0.612 | 0.799 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 21350 | 2560 | Open | 18.36 | 19.60 | 1.330 | - | - | -0.02 | 0.568 | 0.756 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 18.43 | 19.60 | 1.309 | - | - | -0.12 | 0.606 | 0.793 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 18.75 | 19.60 | 1.216 | - | - | -0.18 | 0.757 | 0.921 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 21100 | 2535 | Open | 17.64 | 18.80 | 1.306 | - | - | 0.04 | 0.523 | 0.683 |
| | LTE Band 7 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 19.15 | 19.60 | 1.109 | - | - | 0.04 | 0.771 | 0.855 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21100+21298 | 2535+2554.8 | Open | 18.66 | 19.60 | 1.242 | - | - | 0.02 | 0.654 | 0.812 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 20850 | 2510 | Open | 18.62 | 19.60 | 1.253 | - | - | 0.04 | 0.725 | 0.909 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21350 | 2560 | Open | 18.54 | 19.60 | 1.276 | - | - | 0.05 | 0.675 | 0.862 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 18.48 | 19.60 | 1.294 | - | - | 0.02 | 0.703 | 0.910 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 20850 | 2510 | Open | 18.44 | 19.60 | 1.306 | - | - | -0.11 | 0.690 | 0.901 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21350 | 2560 | Open | 18.36 | 19.60 | 1.330 | - | - | 0.08 | 0.597 | 0.794 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 21100 | 2535 | Open | 18.43 | 19.60 | 1.309 | - | - | 0.03 | 0.701 | 0.918 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 3 | - | DSI 4 | 21100 | 2535 | Open | 22.94 | 24.00 | 1.276 | - | - | 0.08 | 0.203 | 0.259 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 3 | - | DSI 4 | 21100 | 2535 | Open | 22.94 | 24.00 | 1.276 | - | - | -0.01 | 0.217 | 0.277 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 40620 | 2593 | Open | 21.66 | 22.40 | 1.186 | 62.9 | 1.006 | 0.02 | 0.651 | 0.777 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 39750 | 2506 | Open | 21.27 | 22.40 | 1.297 | 62.9 | 1.006 | 0.16 | 0.407 | 0.531 |



FCC SAR Test Report

Report No. : FA340401-01

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|--------------------|-----|------|-----|----|---|-------|------|-------|---------|--------------------|-----------------|-------------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 40185 | 2549.5 | Open | 21.31 | 22.40 | 1.285 | 62.9 | 1.006 | 0.05 | 0.588 | 0.760 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 41055 | 2636.5 | Open | 21.52 | 22.40 | 1.225 | 62.9 | 1.006 | -0.08 | 0.825 | 1.016 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 41490 | 2680 | Open | 21.23 | 22.40 | 1.309 | 62.9 | 1.006 | 0.04 | 0.687 | 0.905 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 40620 | 2593 | Open | 21.40 | 22.40 | 1.259 | 62.9 | 1.006 | 0.04 | 0.693 | 0.878 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 39750 | 2506 | Open | 21.20 | 22.40 | 1.318 | 62.9 | 1.006 | 0.11 | 0.395 | 0.524 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 40185 | 2549.5 | Open | 21.31 | 22.40 | 1.285 | 62.9 | 1.006 | -0.12 | 0.604 | 0.781 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 41055 | 2636.5 | Open | 21.30 | 22.40 | 1.288 | 62.9 | 1.006 | 0.08 | 0.843 | 1.093 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 41490 | 2680 | Open | 21.11 | 22.40 | 1.346 | 62.9 | 1.006 | -0.16 | 0.693 | 0.938 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 0 | - | DSI 3 | 40620 | 2593 | Open | 21.41 | 22.40 | 1.256 | 62.9 | 1.006 | 0.01 | 0.699 | 0.883 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 40620 | 2593 | Open | 21.66 | 22.40 | 1.186 | 62.9 | 1.006 | 0.08 | 0.819 | 0.977 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 39750 | 2506 | Open | 21.27 | 22.40 | 1.297 | 62.9 | 1.006 | 0.11 | 0.494 | 0.645 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 40185 | 2549.5 | Open | 21.31 | 22.40 | 1.285 | 62.9 | 1.006 | 0.1 | 0.705 | 0.912 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41055 | 2636.5 | Open | 21.52 | 22.40 | 1.225 | 62.9 | 1.006 | 0.01 | 1.050 | 1.294 |
| LTE Band 41C | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41055+ 41253 | 2636.5+ 2656.3 | Open | 21.45 | 22.40 | 1.245 | 62.9 | 1.006 | 0.05 | 0.945 | 1.183 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41490 | 2680 | Open | 21.23 | 22.40 | 1.309 | 62.9 | 1.006 | -0.09 | 0.819 | 1.079 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 40620 | 2593 | Open | 21.40 | 22.40 | 1.259 | 62.9 | 1.006 | 0.04 | 0.891 | 1.128 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 39750 | 2506 | Open | 21.20 | 22.40 | 1.318 | 62.9 | 1.006 | -0.17 | 0.481 | 0.638 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 40185 | 2549.5 | Open | 21.31 | 22.40 | 1.285 | 62.9 | 1.006 | 0.14 | 0.783 | 1.012 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41055 | 2636.5 | Open | 21.30 | 22.40 | 1.288 | 62.9 | 1.006 | 0.07 | 0.998 | 1.293 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | Headset | DSI 3 | 41055 | 2636.5 | Open | 21.30 | 22.40 | 1.288 | 62.9 | 1.006 | 0.16 | 0.983 | 1.274 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41490 | 2680 | Open | 21.11 | 22.40 | 1.346 | 62.9 | 1.006 | 0.08 | 0.825 | 1.117 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 40620 | 2593 | Open | 21.41 | 22.40 | 1.256 | 62.9 | 1.006 | 0.03 | 0.879 | 1.111 |
| LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41055 | 2636.5 | Open | 23.01 | 24.00 | 1.256 | 42.9 | 1.009 | 0.02 | 0.977 | 1.238 |
| LTE Band 41C_ HPUE | 20M | QPSK | 1 | 99 | - | Back | 5mm | Ant 0 | - | DSI 3 | 41055+ 41253 | 2636.5+ 2656.3 | Open | 22.88 | 24.00 | 1.294 | 42.9 | 1.009 | 0.06 | 0.874 | 1.141 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 0 | - | DSI 4 | 40620 | 2593 | Open | 23.36 | 24.00 | 1.159 | 62.9 | 1.006 | 0.04 | 0.173 | 0.202 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 17mm | Ant 0 | - | DSI 4 | 40620 | 2593 | Open | 23.32 | 24.00 | 1.169 | 62.9 | 1.006 | 0.06 | 0.185 | 0.218 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 0 | - | DSI 4 | 40620 | 2593 | Open | 23.36 | 24.00 | 1.159 | 62.9 | 1.006 | 0.09 | 0.217 | 0.253 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 18mm | Ant 0 | - | DSI 4 | 40620 | 2593 | Open | 23.32 | 24.00 | 1.169 | 62.9 | 1.006 | -0.02 | 0.222 | 0.261 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 20.51 | 21.10 | 1.146 | 62.9 | 1.006 | -0.03 | 0.724 | 0.834 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 40620 | 2593 | Open | 19.47 | 20.30 | 1.211 | 62.9 | 1.006 | -0.16 | 0.552 | 0.672 |
| LTE Band 41C | 20M | QPSK | 1 | 99 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40620+ 40818 | 2593+ 2612.8 | Open | 20.45 | 21.10 | 1.161 | 62.9 | 1.006 | 0.01 | 0.654 | 0.764 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 39750 | 2506 | Open | 20.34 | 21.10 | 1.191 | 62.9 | 1.006 | -0.06 | 0.515 | 0.617 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40185 | 2549.5 | Open | 20.47 | 21.10 | 1.156 | 62.9 | 1.006 | 0.02 | 0.515 | 0.599 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 41055 | 2636.5 | Open | 20.41 | 21.10 | 1.172 | 62.9 | 1.006 | 0.13 | 0.653 | 0.770 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 41490 | 2680 | Open | 20.36 | 21.10 | 1.186 | 62.9 | 1.006 | 0.02 | 0.508 | 0.606 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 20.45 | 21.10 | 1.161 | 62.9 | 1.006 | 0.09 | 0.699 | 0.817 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 39750 | 2506 | Open | 20.27 | 21.10 | 1.211 | 62.9 | 1.006 | -0.11 | 0.550 | 0.670 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40185 | 2549.5 | Open | 20.42 | 21.10 | 1.169 | 62.9 | 1.006 | 0.05 | 0.515 | 0.606 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 41055 | 2636.5 | Open | 20.36 | 21.10 | 1.186 | 62.9 | 1.006 | -0.06 | 0.628 | 0.749 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 41490 | 2680 | Open | 20.30 | 21.10 | 1.202 | 62.9 | 1.006 | 0.02 | 0.518 | 0.627 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 20.44 | 21.10 | 1.164 | 62.9 | 1.006 | 0.16 | 0.689 | 0.807 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 20.51 | 21.10 | 1.146 | 62.9 | 1.006 | -0.12 | 0.536 | 0.618 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 39750 | 2506 | Open | 20.34 | 21.10 | 1.191 | 62.9 | 1.006 | 0.13 | 0.415 | 0.497 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 40185 | 2549.5 | Open | 20.47 | 21.10 | 1.156 | 62.9 | 1.006 | 0.05 | 0.500 | 0.582 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 41055 | 2636.5 | Open | 20.41 | 21.10 | 1.172 | 62.9 | 1.006 | -0.02 | 0.454 | 0.535 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 41490 | 2680 | Open | 20.36 | 21.10 | 1.186 | 62.9 | 1.006 | 0.08 | 0.369 | 0.440 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 20.45 | 21.10 | 1.161 | 62.9 | 1.006 | 0.04 | 0.515 | 0.602 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 39750 | 2506 | Open | 20.27 | 21.10 | 1.211 | 62.9 | 1.006 | 0.02 | 0.440 | 0.536 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 40185 | 2549.5 | Open | 20.42 | 21.10 | 1.169 | 62.9 | 1.006 | -0.06 | 0.522 | 0.614 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 41055 | 2636.5 | Open | 20.36 | 21.10 | 1.186 | 62.9 | 1.006 | -0.14 | 0.472 | 0.563 |
| LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 41490 | 2680 | Open | 20.30 | 21.10 | 1.202 | 62.9 | 1.006 | -0.18 | 0.366 | 0.443 |
| LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 20.44 | 21.10 | 1.164 | 62.9 | 1.006 | 0.12 | 0.501 | 0.587 |
| LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40620 | 2593 | Open | 22.12 | 22.70 | 1.143 | 42.9 | 1.009 | -0.03 | 0.708 | 0.816 |
| LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | - | DSI 3 Simultaneous | 40620 | 2593 | Open | 21.04 | 21.90 | 1.219 | 42.9 | 1.009 | -0.09 | 0.491 | 0.604 |
| LTE Band 41C_ HPUE | 20M | QPSK | 1 | 99 | - | Front | 5mm | Ant 1 | - | DSI 3 | 40620+ 40818 | 2593+ 2612.8 | Open | 22.09 | 22.70 | 1.151 | 42.9 | 1.009 | 0.02 | 0.664 | 0.771 |
| LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 1 | - | DSI 4 | 40620 | 2593 | Open | 23.12 | 24.00 | 1.225 | 62.9 | 1.006 | 0.04 | 0.138 | 0.170 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|--------------------|-----|------|-----|---|---|-------|------|-------|---------|--------------------|-----------------|-----------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 1 | - | DSI 4 | 40620 | 2593 | Open | 23.12 | 24.00 | 1.225 | 62.9 | 1.006 | -0.06 | 0.112 | 0.138 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 40620 | 2593 | Open | 21.35 | 22.60 | 1.334 | 62.9 | 1.006 | -0.04 | 0.610 | 0.818 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 39750 | 2506 | Open | 21.16 | 22.60 | 1.393 | 62.9 | 1.006 | -0.14 | 0.567 | 0.795 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 40185 | 2549.5 | Open | 21.10 | 22.60 | 1.413 | 62.9 | 1.006 | 0.11 | 0.562 | 0.799 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 41055 | 2636.5 | Open | 21.23 | 22.60 | 1.371 | 62.9 | 1.006 | -0.01 | 0.648 | 0.894 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 41490 | 2680 | Open | 21.05 | 22.60 | 1.429 | 62.9 | 1.006 | -0.07 | 0.685 | 0.985 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 40620 | 2593 | Open | 21.24 | 22.60 | 1.368 | 62.9 | 1.006 | 0.15 | 0.610 | 0.839 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 39750 | 2506 | Open | 21.07 | 22.60 | 1.422 | 62.9 | 1.006 | 0.02 | 0.567 | 0.811 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 40185 | 2549.5 | Open | 21.13 | 22.60 | 1.403 | 62.9 | 1.006 | -0.15 | 0.573 | 0.809 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 41055 | 2636.5 | Open | 21.15 | 22.60 | 1.396 | 62.9 | 1.006 | -0.06 | 0.653 | 0.917 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 41490 | 2680 | Open | 21.17 | 22.60 | 1.390 | 62.9 | 1.006 | -0.06 | 0.662 | 0.926 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 2 | - | DSI 3 | 40620 | 2593 | Open | 21.24 | 22.60 | 1.368 | 62.9 | 1.006 | 0.06 | 0.594 | 0.817 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 40620 | 2593 | Open | 21.35 | 22.60 | 1.334 | 62.9 | 1.006 | 0.09 | 0.814 | 1.092 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 39750 | 2506 | Open | 21.16 | 22.60 | 1.393 | 62.9 | 1.006 | -0.11 | 0.776 | 1.088 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 40185 | 2549.5 | Open | 21.10 | 22.60 | 1.413 | 62.9 | 1.006 | 0.08 | 0.723 | 1.027 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41055 | 2636.5 | Open | 21.23 | 22.60 | 1.371 | 62.9 | 1.006 | 0.19 | 0.824 | 1.136 |
| 90 | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41490 | 2680 | Open | 21.05 | 22.60 | 1.429 | 62.9 | 1.006 | -0.06 | 0.910 | 1.308 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | Headset | DSI 3 | 41490 | 2680 | Open | 21.05 | 22.60 | 1.429 | 62.9 | 1.006 | 0.12 | 0.904 | 1.299 |
| | LTE Band 41C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41490+ 41292 | 2680+ 2660.2 | Open | 20.86 | 22.60 | 1.493 | 62.9 | 1.006 | 0.05 | 0.814 | 1.222 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 40620 | 2593 | Open | 21.24 | 22.60 | 1.368 | 62.9 | 1.006 | -0.03 | 0.787 | 1.083 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 39750 | 2506 | Open | 21.07 | 22.60 | 1.422 | 62.9 | 1.006 | 0.06 | 0.739 | 1.057 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 40185 | 2549.5 | Open | 21.13 | 22.60 | 1.403 | 62.9 | 1.006 | -0.07 | 0.733 | 1.034 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41055 | 2636.5 | Open | 21.15 | 22.60 | 1.396 | 62.9 | 1.006 | 0.03 | 0.835 | 1.173 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41490 | 2680 | Open | 21.17 | 22.60 | 1.390 | 62.9 | 1.006 | 0.07 | 0.878 | 1.228 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 40620 | 2593 | Open | 21.24 | 22.60 | 1.368 | 62.9 | 1.006 | 0.11 | 0.755 | 1.039 |
| | LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41490 | 2680 | Open | 22.65 | 24.20 | 1.429 | 42.9 | 1.009 | 0.01 | 0.858 | 1.237 |
| | LTE Band 41C_ HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 2 | - | DSI 3 | 41490+ 41292 | 2680+ 2660.2 | Open | 22.45 | 24.20 | 1.496 | 42.9 | 1.009 | 0.06 | 0.780 | 1.178 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 2 | - | DSI 4 | 40620 | 2593 | Open | 21.76 | 23.00 | 1.330 | 62.9 | 1.006 | 0.07 | 0.066 | 0.088 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 2 | - | DSI 4 | 40620 | 2593 | Open | 21.76 | 23.00 | 1.330 | 62.9 | 1.006 | 0.01 | 0.085 | 0.114 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 40620 | 2593 | Open | 19.98 | 20.40 | 1.102 | 62.9 | 1.006 | 0.02 | 0.556 | 0.616 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 39750 | 2506 | Open | 19.79 | 20.40 | 1.151 | 62.9 | 1.006 | -0.17 | 0.569 | 0.659 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 40185 | 2549.5 | Open | 19.81 | 20.40 | 1.146 | 62.9 | 1.006 | 0.11 | 0.556 | 0.641 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 41055 | 2636.5 | Open | 19.70 | 20.40 | 1.175 | 62.9 | 1.006 | 0.02 | 0.509 | 0.602 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 41490 | 2680 | Open | 19.61 | 20.40 | 1.199 | 62.9 | 1.006 | -0.14 | 0.638 | 0.770 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 40620 | 2593 | Open | 19.91 | 20.40 | 1.119 | 62.9 | 1.006 | 0.13 | 0.534 | 0.601 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 39750 | 2506 | Open | 19.79 | 20.40 | 1.151 | 62.9 | 1.006 | -0.13 | 0.597 | 0.691 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 40185 | 2549.5 | Open | 19.85 | 20.40 | 1.135 | 62.9 | 1.006 | -0.03 | 0.566 | 0.646 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 41055 | 2636.5 | Open | 19.72 | 20.40 | 1.169 | 62.9 | 1.006 | 0.07 | 0.519 | 0.611 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 41490 | 2680 | Open | 19.78 | 20.40 | 1.153 | 62.9 | 1.006 | 0.12 | 0.659 | 0.765 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Front | 5mm | Ant 3 | - | DSI 3 | 40620 | 2593 | Open | 19.82 | 20.40 | 1.143 | 62.9 | 1.006 | -0.08 | 0.528 | 0.607 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 40620 | 2593 | Open | 19.98 | 20.40 | 1.102 | 62.9 | 1.006 | 0.04 | 0.584 | 0.647 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 39750 | 2506 | Open | 19.79 | 20.40 | 1.151 | 62.9 | 1.006 | 0.14 | 0.663 | 0.768 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 40185 | 2549.5 | Open | 19.81 | 20.40 | 1.146 | 62.9 | 1.006 | -0.02 | 0.613 | 0.706 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41055 | 2636.5 | Open | 19.70 | 20.40 | 1.175 | 62.9 | 1.006 | 0.04 | 0.563 | 0.665 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41490 | 2680 | Open | 19.61 | 20.40 | 1.199 | 62.9 | 1.006 | 0.06 | 0.716 | 0.864 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 41490 | 2680 | Open | 18.59 | 19.60 | 1.262 | 62.9 | 1.006 | -0.04 | 0.452 | 0.574 |
| | LTE Band 41C | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41490+ 41292 | 2680+ 2660.2 | Open | 19.54 | 20.40 | 1.219 | 62.9 | 1.006 | 0.06 | 0.647 | 0.793 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 40620 | 2593 | Open | 19.91 | 20.40 | 1.119 | 62.9 | 1.006 | -0.01 | 0.594 | 0.669 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 39750 | 2506 | Open | 19.79 | 20.40 | 1.151 | 62.9 | 1.006 | -0.04 | 0.684 | 0.792 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 40185 | 2549.5 | Open | 19.85 | 20.40 | 1.135 | 62.9 | 1.006 | -0.09 | 0.641 | 0.732 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41055 | 2636.5 | Open | 19.72 | 20.40 | 1.169 | 62.9 | 1.006 | -0.1 | 0.569 | 0.669 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41490 | 2680 | Open | 19.78 | 20.40 | 1.153 | 62.9 | 1.006 | -0.13 | 0.722 | 0.838 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 40620 | 2593 | Open | 19.82 | 20.40 | 1.143 | 62.9 | 1.006 | 0.18 | 0.594 | 0.683 |
| | LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41490 | 2680 | Open | 21.24 | 22.00 | 1.191 | 42.9 | 1.009 | -0.05 | 0.714 | 0.858 |
| | LTE Band 41_ HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 Simultaneous | 41490 | 2680 | Open | 20.36 | 21.20 | 1.213 | 62.9 | 1.006 | 0.05 | 0.439 | 0.536 |
| | LTE Band 41C_ HPUE | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 3 | - | DSI 3 | 41490+ 41292 | 2680+ 2660.2 | Open | 21.15 | 22.00 | 1.216 | 42.9 | 1.009 | 0.03 | 0.675 | 0.828 |



FCC SAR Test Report

Report No. : FA340401-01

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|----|-----------------|------|------|-----|----|---------------|-------|------|-------|---------|--------------------|--------|---------|------|-------|-------|-------|------|-------|-------|-------|-------|
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 17mm | Ant 3 | - | DSI 4 | 40620 | 2593 | Open | 22.93 | 24.00 | 1.279 | 62.9 | 1.006 | 0.07 | 0.102 | 0.131 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 18mm | Ant 3 | - | DSI 4 | 40620 | 2593 | Open | 22.93 | 24.00 | 1.279 | 62.9 | 1.006 | -0.02 | 0.129 | 0.166 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.76 | 19.90 | 1.300 | - | - | 0.08 | 0.735 | 0.956 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.52 | 19.90 | 1.374 | - | - | -0.1 | 0.793 | 1.090 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.47 | 19.90 | 1.390 | - | - | 0.05 | 0.805 | 1.119 |
| 91 | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.76 | 19.90 | 1.300 | - | - | -0.04 | 0.997 | 1.296 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.52 | 19.90 | 1.374 | - | - | 0.19 | 0.934 | 1.283 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.47 | 19.90 | 1.390 | - | - | 0.13 | 0.901 | 1.252 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | Headset | DSI 3 | 507000 | 2535 | Open | 18.76 | 19.90 | 1.300 | - | - | -0.02 | 0.912 | 1.186 |
| | FR1 n7 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | - | DSI 3 | 507000 | 2535 | Open | 18.73 | 19.90 | 1.309 | - | - | 0.08 | 0.580 | 0.759 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 0 | - | DSI 4 | 507000 | 2535 | Open | 24.33 | 25.00 | 1.167 | - | - | 0.08 | 0.305 | 0.356 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 0 | - | DSI 4 | 507000 | 2535 | Open | 24.33 | 25.00 | 1.167 | - | - | -0.1 | 0.247 | 0.288 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 507000 | 2535 | Open | 18.25 | 19.00 | 1.189 | - | - | 0.05 | 0.525 | 0.624 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | - | DSI 3 | 507000 | 2535 | Open | 18.12 | 19.00 | 1.225 | - | - | 0.02 | 0.557 | 0.682 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 507000 | 2535 | Open | 18.25 | 19.00 | 1.189 | - | - | 0.09 | 0.683 | 0.812 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 507000 | 2535 | Open | 18.12 | 19.00 | 1.225 | - | - | 0.08 | 0.744 | 0.911 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 Simultaneous | 507000 | 2535 | Open | 17.58 | 18.20 | 1.153 | - | - | 0.05 | 0.626 | 0.722 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 507000 | 2535 | Open | 18.12 | 19.00 | 1.225 | - | - | 0.18 | 0.264 | 0.323 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | - | DSI 3 | 507000 | 2535 | Open | 18.06 | 19.00 | 1.242 | - | - | 0.13 | 0.691 | 0.858 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 507000 | 2535 | Open | 23.88 | 24.00 | 1.028 | - | - | 0.01 | 0.215 | 0.221 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 17mm | Ant 1 | - | DSI 4 | 507000 | 2535 | Open | 23.64 | 24.00 | 1.086 | - | - | -0.03 | 0.227 | 0.247 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 507000 | 2535 | Open | 23.88 | 24.00 | 1.028 | - | - | 0.05 | 0.198 | 0.204 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 18mm | Ant 1 | - | DSI 4 | 507000 | 2535 | Open | 23.64 | 24.00 | 1.086 | - | - | 0.04 | 0.177 | 0.192 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.88 | 21.90 | 1.265 | - | - | -0.05 | 0.754 | 0.954 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.83 | 21.90 | 1.279 | - | - | -0.02 | 0.916 | 1.172 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.79 | 21.90 | 1.291 | - | - | -0.04 | 0.747 | 0.965 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.88 | 21.90 | 1.265 | - | - | -0.02 | 1.020 | 1.290 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.83 | 21.90 | 1.279 | - | - | -0.02 | 1.010 | 1.292 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | Headset | DSI 3 | 507000 | 2535 | Open | 20.83 | 21.90 | 1.279 | - | - | -0.04 | 0.995 | 1.273 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.74 | 21.90 | 1.306 | - | - | -0.09 | 0.562 | 0.734 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 2 | - | DSI 3 | 507000 | 2535 | Open | 20.79 | 21.90 | 1.291 | - | - | 0.05 | 1.000 | 1.291 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 2 | - | DSI 4 | 507000 | 2535 | Open | 22.97 | 23.00 | 1.007 | - | - | 0.07 | 0.142 | 0.143 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 2 | - | DSI 4 | 507000 | 2535 | Open | 22.97 | 23.00 | 1.007 | - | - | 0.01 | 0.154 | 0.155 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 18mm | Ant 2 | - | DSI 4 | 507000 | 2535 | Open | 22.89 | 23.00 | 1.026 | - | - | -0.08 | 0.166 | 0.170 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.45 | 20.40 | 1.245 | - | - | 0.17 | 0.738 | 0.918 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 Simultaneous | 507000 | 2535 | Open | 18.97 | 19.60 | 1.156 | - | - | 0.02 | 0.626 | 0.724 |
| | FR1 n7 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.45 | 20.40 | 1.245 | - | - | 0.16 | 0.718 | 0.894 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.05 | 20.40 | 1.365 | - | - | -0.02 | 0.652 | 0.890 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.01 | 20.40 | 1.377 | - | - | 0.06 | 0.626 | 0.862 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.45 | 20.40 | 1.245 | - | - | 0.14 | 0.614 | 0.764 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.05 | 20.40 | 1.365 | - | - | 0.02 | 0.553 | 0.755 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 5mm | Ant 3 | - | DSI 3 | 507000 | 2535 | Open | 19.01 | 20.40 | 1.377 | - | - | 0.05 | 0.552 | 0.760 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 17mm | Ant 3 | - | DSI 4 | 507000 | 2535 | Open | 23.42 | 24.00 | 1.143 | - | - | 0.01 | 0.212 | 0.242 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 18mm | Ant 3 | - | DSI 4 | 507000 | 2535 | Open | 23.42 | 24.00 | 1.143 | - | - | -0.09 | 0.182 | 0.208 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.95 | 22.10 | 1.303 | - | - | 0.05 | 0.776 | 1.011 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.89 | 22.10 | 1.321 | - | - | 0.17 | 0.819 | 1.082 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.85 | 22.10 | 1.334 | - | - | -0.13 | 0.773 | 1.031 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.95 | 22.10 | 1.303 | - | - | 0.09 | 1.000 | 1.303 |
| 92 | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.89 | 22.10 | 1.321 | - | - | 0.16 | 0.987 | 1.304 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | Headset | DSI 3 | 518598 | 2592.99 | Open | 20.89 | 22.10 | 1.321 | - | - | 0.02 | 0.965 | 1.275 |
| | FR1 n41 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.89 | 22.10 | 1.321 | - | - | 0.16 | 0.946 | 1.250 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 20.85 | 22.10 | 1.334 | - | - | 0.08 | 0.962 | 1.283 |
| | FR1 n41_HPUE | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | - | DSI 3 | 518598 | 2592.99 | Open | 23.95 | 25.10 | 1.303 | 50 | 1.000 | 0.01 | 0.927 | 1.208 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 17mm | Ant 0 | - | DSI 4 | 518598 | 2592.99 | Open | 23.03 | 24.00 | 1.250 | - | - | 0.01 | 0.441 | 0.551 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 17mm | Ant 0 | - | DSI 4 | 518598 | 2592.99 | Open | 22.94 | 24.00 | 1.276 | - | - | 0.04 | 0.459 | 0.586 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 18mm | Ant 0 | - | DSI 4 | 518598 | 2592.99 | Open | 23.03 | 24.00 | 1.250 | - | - | 0.04 | 0.515 | 0.644 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 18mm | Ant 0 | - | DSI 4 | 518598 | 2592.99 | Open | 22.94 | 24.00 | 1.276 | - | - | 0.09 | 0.529 | 0.675 |



FCC SAR Test Report

Report No. : FA340401-01

Table with 23 columns: FR1 n41, Power, Modulation, Channels, Frequency, Distance, Antenna, Orientation, DSI, Power Density, Power Flux Density, Exposure Time, SAR, etc.

3500MHz

Table with 23 columns: LTE Band, Power, Modulation, Channels, Frequency, Distance, Antenna, Orientation, DSI, Power Density, Power Flux Density, Exposure Time, SAR, etc.