| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | 0.17 | 0.193 | 0.208 |
| FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 519000 | 2595 | 19.03 | 19.50 | 1.114 | - | - | 0.06 | 0.515 | 0.574 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | 0.08 | 0.403 | 0.451 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | 0.01 | 0.370 | 0.417 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | 0.03 | 0.413 | 0.462 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | -0.08 | 0.394 | 0.444 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | -0.02 | 0.882 | 0.987 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | -0.08 | 0.729 | 0.822 |
| FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.65 | 16.20 | 1.135 | - | - | 0.1 | 0.846 | 0.960 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | -0.18 | 0.779 | 0.872 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | 0.1 | 0.757 | 0.853 |
| FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 5 | DSI1 | 518598 | 2592.99 | 15.65 | 16.20 | 1.135 | - | - | 0.12 | 0.742 | 0.842 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.27 | 21.70 | 1.390 | - | - | 0.17 | 0.685 | 0.952 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.24 | 21.70 | 1.400 | - | - | -0.05 | 0.647 | 0.906 |
| FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.21 | 21.70 | 1.409 | - | - | 0.01 | 0.639 | 0.901 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.27 | 21.70 | 1.390 | - | - | 0.1 | 0.151 | 0.210 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.24 | 21.70 | 1.400 | - | - | -0.17 | 0.119 | 0.167 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.27 | 21.70 | 1.390 | - | - | 0.08 | 0.714 | 0.992 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.24 | 21.70 | 1.400 | - | - | 0.04 | 0.675 | 0.945 |
| FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.21 | 21.70 | 1.409 | - | - | -0.01 | 0.638 | 0.899 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.27 | 21.70 | 1.390 | - | - | -0.08 | 0.099 | 0.138 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 518598 | 2592.99 | 20.24 | 21.70 | 1.400 | - | - | 0.05 | 0.084 | 0.118 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.31 | 25.70 | 1.094 | - | - | 0.08 | 0.283 | 0.310 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | -0.17 | 0.214 | 0.247 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.31 | 25.70 | 1.094 | - | - | -0.03 | 0.322 | 0.352 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | 0.14 | 0.275 | 0.318 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.31 | 25.70 | 1.094 | - | - | 0.11 | 0.305 | 0.334 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | -0.05 | 0.236 | 0.273 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.31 | 25.70 | 1.094 | - | - | 0.18 | 0.387 | 0.423 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | 0.14 | 0.277 | 0.320 |
| FR1 n41 Main PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 0 | DSI1 | 518598 | 2592.99 | 23.21 | 24.00 | 1.199 | - | - | -0.17 | 0.308 | 0.369 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | 0.06 | 0.388 | 0.447 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | -0.09 | 0.358 | 0.414 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | -0.08 | 0.094 | 0.108 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | 0.13 | 0.089 | 0.103 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | 0.06 | 0.827 | 0.952 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | 0.12 | 0.738 | 0.853 |
| FR1 n41 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.47 | 21.20 | 1.183 | - | - | 0.03 | 0.797 | 0.943 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | 0.18 | 0.212 | 0.244 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | 0.16 | 0.174 | 0.201 |
| FR1 n41 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 518598 | 2592.99 | 18.79 | 19.50 | 1.178 | - | - | -0.1 | 0.426 | 0.502 |
| **3500MHz** | | | | | | | | | | | | | | | | | | | |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.17 | 0.214 | 0.255 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.86 | 18.70 | 1.213 | 62.9 | 1.006 | -0.04 | 0.194 | 0.237 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.05 | 0.097 | 0.116 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.86 | 18.70 | 1.213 | 62.9 | 1.006 | 0 | 0.113 | 0.138 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.13 | 0.334 | 0.398 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.86 | 18.70 | 1.213 | 62.9 | 1.006 | -0.01 | 0.692 | 0.845 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 42190 | 3460 | 17.81 | 18.70 | 1.227 | 62.9 | 1.006 | -0.09 | 0.648 | 0.800 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 42990 | 3540 | 17.80 | 18.70 | 1.230 | 62.9 | 1.006 | 0.05 | 0.734 | 0.908 |
| LTE Band 42 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.93 | 18.70 | 1.194 | 62.9 | 1.006 | 0.02 | 0.689 | 0.828 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.13 | 0.501 | 0.598 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.86 | 18.70 | 1.213 | 62.9 | 1.006 | 0.03 | 0.741 | 0.905 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 42190 | 3460 | 17.81 | 18.70 | 1.227 | 62.9 | 1.006 | 0.17 | 0.542 | 0.669 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 42990 | 3540 | 17.80 | 18.70 | 1.230 | 62.9 | 1.006 | 0.06 | 0.620 | 0.767 |
| LTE Band 42 | 20M | QPSK | 100 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 42590 | 3500 | 17.93 | 18.70 | 1.194 | 62.9 | 1.006 | 0 | 0.581 | 0.698 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.95 | 23.50 | 1.429 | 62.9 | 1.006 | 0.08 | 0.433 | 0.622 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 42190 | 3460 | 21.68 | 23.50 | 1.521 | 62.9 | 1.006 | -0.17 | 0.395 | 0.604 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 42990 | 3540 | 21.65 | 23.50 | 1.531 | 62.9 | 1.006 | -0.03 | 0.541 | 0.833 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.92 | 23.50 | 1.439 | 62.9 | 1.006 | 0.14 | 0.391 | 0.566 |
| | LTE Band 42 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.92 | 23.50 | 1.439 | 62.9 | 1.006 | 0.11 | 0.389 | 0.563 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.95 | 23.50 | 1.429 | 62.9 | 1.006 | -0.05 | 0.141 | 0.203 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.92 | 23.50 | 1.439 | 62.9 | 1.006 | 0.18 | 0.144 | 0.208 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.95 | 23.50 | 1.429 | 62.9 | 1.006 | 0.14 | 0.607 | 0.873 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42190 | 3460 | 21.68 | 23.50 | 1.521 | 62.9 | 1.006 | -0.17 | 0.558 | 0.854 |
| 24 | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42990 | 3540 | 21.65 | 23.50 | 1.531 | 62.9 | 1.006 | 0.17 | 0.709 | **1.092** |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.92 | 23.50 | 1.439 | 62.9 | 1.006 | -0.05 | 0.550 | 0.796 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42190 | 3460 | 21.79 | 23.50 | 1.483 | 62.9 | 1.006 | 0.01 | 0.486 | 0.725 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42990 | 3540 | 21.69 | 23.50 | 1.517 | 62.9 | 1.006 | 0.1 | 0.629 | 0.960 |
| | LTE Band 42 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.92 | 23.50 | 1.439 | 62.9 | 1.006 | -0.17 | 0.555 | 0.803 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.95 | 23.50 | 1.429 | 62.9 | 1.006 | 0.04 | 0.097 | 0.139 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 6 | DSI1 | 42590 | 3500 | 21.92 | 23.50 | 1.439 | 62.9 | 1.006 | -0.01 | 0.086 | 0.124 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.41 | 23.00 | 1.442 | 62.9 | 1.006 | 0.07 | 0.204 | 0.296 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.16 | 22.50 | 1.361 | 62.9 | 1.006 | 0.18 | 0.160 | 0.219 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.41 | 23.00 | 1.442 | 62.9 | 1.006 | -0.1 | 0.088 | 0.128 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.16 | 22.50 | 1.361 | 62.9 | 1.006 | 0.01 | 0.046 | 0.063 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.41 | 23.00 | 1.442 | 62.9 | 1.006 | -0.15 | 0.300 | 0.435 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.16 | 22.50 | 1.361 | 62.9 | 1.006 | 0.19 | 0.241 | 0.330 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.41 | 23.00 | 1.442 | 62.9 | 1.006 | 0.07 | 0.086 | 0.125 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI1 | 42590 | 3500 | 21.16 | 22.50 | 1.361 | 62.9 | 1.006 | -0.18 | 0.053 | 0.073 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.83 | 20.50 | 1.167 | 62.9 | 1.006 | -0.04 | 0.573 | 0.673 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 42190 | 3460 | 19.80 | 20.50 | 1.175 | 62.9 | 1.006 | -0.15 | 0.501 | 0.592 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 42990 | 3540 | 19.66 | 20.50 | 1.213 | 62.9 | 1.006 | 0.09 | 0.700 | 0.854 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.32 | 20.00 | 1.169 | 62.9 | 1.006 | 0.11 | 0.460 | 0.541 |
| | LTE Band 42 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.38 | 20.00 | 1.153 | 62.9 | 1.006 | -0.02 | 0.461 | 0.535 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.83 | 20.50 | 1.167 | 62.9 | 1.006 | 0.1 | 0.520 | 0.610 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42190 | 3460 | 19.80 | 20.50 | 1.175 | 62.9 | 1.006 | 0.04 | 0.426 | 0.504 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42990 | 3540 | 19.66 | 20.50 | 1.213 | 62.9 | 1.006 | 0.13 | 0.579 | 0.707 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.32 | 20.00 | 1.169 | 62.9 | 1.006 | -0.18 | 0.518 | 0.609 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42190 | 3460 | 19.20 | 20.00 | 1.202 | 62.9 | 1.006 | -0.11 | 0.455 | 0.550 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42990 | 3540 | 19.19 | 20.00 | 1.205 | 62.9 | 1.006 | -0.16 | 0.609 | 0.738 |
| | LTE Band 42 | 20M | QPSK | 100 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.38 | 20.00 | 1.153 | 62.9 | 1.006 | -0.15 | 0.496 | 0.576 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.83 | 20.50 | 1.167 | 62.9 | 1.006 | -0.06 | 0.226 | 0.265 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.32 | 20.00 | 1.169 | 62.9 | 1.006 | -0.14 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.83 | 20.50 | 1.167 | 62.9 | 1.006 | -0.19 | 0.337 | 0.396 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 8 | DSI1 | 42590 | 3500 | 19.32 | 20.00 | 1.169 | 62.9 | 1.006 | 0.01 | 0.393 | 0.462 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | -0.08 | 0.343 | 0.388 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.62 | 18.20 | 1.143 | 62.9 | 1.006 | -0.08 | 0.194 | 0.223 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | 0.12 | 0.189 | 0.214 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.62 | 18.20 | 1.143 | 62.9 | 1.006 | 0.03 | 0.148 | 0.170 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | 0.18 | 0.537 | 0.608 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 55340 | 3560 | 17.38 | 18.20 | 1.208 | 62.9 | 1.006 | 0.16 | 0.613 | 0.745 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 56150 | 3641 | 17.51 | 18.20 | 1.172 | 62.9 | 1.006 | -0.1 | 0.549 | 0.647 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 56640 | 3690 | 17.31 | 18.20 | 1.227 | 62.9 | 1.006 | 0.07 | 0.508 | 0.627 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.62 | 18.20 | 1.143 | 62.9 | 1.006 | 0.18 | 0.627 | 0.721 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 55340 | 3560 | 17.45 | 18.20 | 1.189 | 62.9 | 1.006 | -0.1 | 0.600 | 0.717 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 56150 | 3641 | 17.60 | 18.20 | 1.148 | 62.9 | 1.006 | 0.01 | 0.553 | 0.639 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 56640 | 3690 | 17.59 | 18.20 | 1.151 | 62.9 | 1.006 | -0.15 | 0.507 | 0.587 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.52 | 18.20 | 1.169 | 62.9 | 1.006 | 0.19 | 0.606 | 0.713 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | 0.07 | 0.487 | 0.551 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 7 | DSI1 | 55830 | 3609 | 17.62 | 18.20 | 1.143 | 62.9 | 1.006 | -0.15 | 0.494 | 0.568 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | 0.1 | 0.489 | 0.674 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 55340 | 3560 | 22.61 | 24.20 | 1.442 | 62.9 | 1.006 | 0.12 | 0.494 | 0.717 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 56150 | 3641 | 22.42 | 24.20 | 1.507 | 62.9 | 1.006 | 0.08 | 0.448 | 0.679 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 56640 | 3690 | 22.58 | 24.20 | 1.452 | 62.9 | 1.006 | -0.17 | 0.449 | 0.656 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | -0.03 | 0.402 | 0.604 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 55340 | 3560 | 22.35 | 24.20 | 1.531 | 62.9 | 1.006 | 0.14 | 0.404 | 0.622 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 56150 | 3641 | 22.30 | 24.20 | 1.549 | 62.9 | 1.006 | 0.11 | 0.394 | 0.614 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 56640 | 3690 | 22.39 | 24.20 | 1.517 | 62.9 | 1.006 | -0.05 | 0.348 | 0.531 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.40 | 24.20 | 1.514 | 62.9 | 1.006 | 0.18 | 0.400 | 0.609 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | 0.14 | 0.136 | 0.188 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | -0.17 | 0.106 | 0.159 |
| 25 | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | -0.04 | 0.737 | **1.016** |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 55340 | 3560 | 22.61 | 24.20 | 1.442 | 62.9 | 1.006 | 0.17 | 0.691 | 1.002 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 56150 | 3641 | 22.42 | 24.20 | 1.507 | 62.9 | 1.006 | -0.05 | 0.670 | 1.015 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 56640 | 3690 | 22.58 | 24.20 | 1.452 | 62.9 | 1.006 | 0.01 | 0.631 | 0.922 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0.1 | 0.585 | 0.879 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 55340 | 3560 | 22.35 | 24.20 | 1.531 | 62.9 | 1.006 | -0.17 | 0.579 | 0.892 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 56150 | 3641 | 22.30 | 24.20 | 1.549 | 62.9 | 1.006 | 0.04 | 0.562 | 0.876 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 56640 | 3690 | 22.39 | 24.20 | 1.517 | 62.9 | 1.006 | -0.01 | 0.504 | 0.769 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Cheek | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.40 | 24.20 | 1.514 | 62.9 | 1.006 | -0.08 | 0.588 | 0.895 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | 0.05 | 0.099 | 0.137 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 6 | DSI1 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0.06 | 0.077 | 0.116 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | -0.09 | 0.135 | 0.197 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.08 | 0.109 | 0.155 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.13 | 0.036 | 0.052 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.12 | 0.039 | 0.055 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.03 | 0.170 | 0.248 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.18 | 0.134 | 0.190 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.16 | 0.000 | 0.000 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 1 | DSI1 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.1 | 0.000 | 0.000 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | -0.03 | 0.549 | 0.730 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 55340 | 3560 | 17.15 | 18.50 | 1.365 | 62.9 | 1.006 | 0.14 | 0.461 | 0.633 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 56150 | 3641 | 17.11 | 18.50 | 1.377 | 62.9 | 1.006 | 0.11 | 0.587 | 0.813 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 56640 | 3690 | 17.05 | 18.50 | 1.396 | 62.9 | 1.006 | -0.05 | 0.629 | 0.884 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | 0.18 | 0.455 | 0.608 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 55340 | 3560 | 17.24 | 18.50 | 1.337 | 62.9 | 1.006 | 0.14 | 0.398 | 0.535 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 56150 | 3641 | 17.09 | 18.50 | 1.384 | 62.9 | 1.006 | -0.17 | 0.514 | 0.715 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 56640 | 3690 | 17.07 | 18.50 | 1.390 | 62.9 | 1.006 | 0.17 | 0.554 | 0.775 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Cheek | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.25 | 18.50 | 1.334 | 62.9 | 1.006 | -0.05 | 0.461 | 0.618 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | 0.01 | 0.577 | 0.767 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 55340 | 3560 | 17.15 | 18.50 | 1.365 | 62.9 | 1.006 | 0.1 | 0.520 | 0.714 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 56150 | 3641 | 17.11 | 18.50 | 1.377 | 62.9 | 1.006 | -0.17 | 0.626 | 0.867 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 56640 | 3690 | 17.05 | 18.50 | 1.396 | 62.9 | 1.006 | -0.05 | 0.665 | 0.934 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | 0.04 | 0.483 | 0.645 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 55340 | 3560 | 17.24 | 18.50 | 1.337 | 62.9 | 1.006 | -0.01 | 0.422 | 0.567 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 56150 | 3641 | 17.09 | 18.50 | 1.384 | 62.9 | 1.006 | -0.08 | 0.540 | 0.752 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 56640 | 3690 | 17.07 | 18.50 | 1.390 | 62.9 | 1.006 | 0.05 | 0.582 | 0.814 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Tilted | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.25 | 18.50 | 1.334 | 62.9 | 1.006 | 0.06 | 0.487 | 0.653 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Cheek | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | -0.09 | 0.194 | 0.258 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Cheek | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | -0.08 | 0.168 | 0.224 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Tilted | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | 0.13 | 0.291 | 0.387 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Tilted | 0mm | Ant 8 | DSI1 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | 0.12 | 0.254 | 0.339 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | -0.09 | 0.155 | 0.173 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | -0.16 | 0.164 | 0.186 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | -0.18 | 0.147 | 0.164 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | -0.07 | 0.154 | 0.174 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | 0.11 | 0.578 | 0.646 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | -0.09 | 0.626 | 0.709 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | -0.09 | 0.451 | 0.504 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | -0.06 | 0.441 | 0.499 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.21 | 22.50 | 1.346 | - | - | -0.17 | 0.421 | 0.567 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.19 | 22.50 | 1.352 | - | - | -0.01 | 0.431 | 0.583 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.21 | 22.50 | 1.346 | - | - | -0.11 | 0.177 | 0.238 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.19 | 22.50 | 1.352 | - | - | 0.14 | 0.158 | 0.214 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.21 | 22.50 | 1.346 | - | - | 0.03 | 0.520 | 0.700 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.19 | 22.50 | 1.352 | - | - | -0.06 | 0.579 | 0.783 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.21 | 22.50 | 1.346 | - | - | 0.05 | 0.122 | 0.164 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 641666 | 3624.99 | 21.19 | 22.50 | 1.352 | - | - | -0.03 | 0.111 | 0.150 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | 0.17 | 0.173 | 0.243 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | -0.15 | 0.203 | 0.290 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | 0.16 | 0.044 | 0.062 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | 0.05 | 0.046 | 0.066 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | -0.06 | 0.575 | 0.808 |
| 26 | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 638000 | 3570 | 21.15 | 22.80 | 1.462 | - | - | -0.05 | 0.735 | **1.075** |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 645332 | 3679.98 | 21.22 | 22.80 | 1.439 | - | - | -0.01 | 0.476 | 0.685 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | -0.11 | 0.575 | 0.822 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 638000 | 3570 | 21.11 | 22.80 | 1.476 | - | - | 0.19 | 0.611 | 0.902 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 645332 | 3679.98 | 21.09 | 22.80 | 1.483 | - | - | -0.14 | 0.521 | 0.772 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.21 | 22.80 | 1.442 | - | - | -0.18 | 0.565 | 0.815 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | -0.06 | 0.053 | 0.075 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | 0.02 | 0.052 | 0.074 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0.16 | 0.647 | 0.877 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 638000 | 3570 | 16.65 | 18.00 | 1.365 | - | - | 0.01 | 0.605 | 0.826 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 645332 | 3679.98 | 16.59 | 18.00 | 1.384 | - | - | 0.03 | 0.611 | 0.845 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | 0.03 | 0.741 | 1.011 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 638000 | 3570 | 16.61 | 18.00 | 1.377 | - | - | 0.01 | 0.718 | 0.989 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 645332 | 3679.98 | 16.61 | 18.00 | 1.377 | - | - | -0.04 | 0.722 | 0.994 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.61 | 18.00 | 1.377 | - | - | 0.13 | 0.702 | 0.967 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0.12 | 0.564 | 0.764 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | 0.07 | 0.704 | 0.961 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 638000 | 3570 | 16.61 | 18.00 | 1.377 | - | - | 0.08 | 0.683 | 0.941 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 645332 | 3679.98 | 16.61 | 18.00 | 1.377 | - | - | 0.19 | 0.699 | 0.963 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.61 | 18.00 | 1.377 | - | - | -0.06 | 0.569 | 0.784 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0 | 0.305 | 0.413 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | -0.03 | 0.403 | 0.550 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0.07 | 0.371 | 0.503 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | -0.12 | 0.338 | 0.461 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | 0.08 | 0.239 | 0.290 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.01 | 0.210 | 0.256 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | 0.03 | 0.193 | 0.234 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | -0.08 | 0.189 | 0.230 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.08 | 0.661 | 0.802 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.1 | 0.707 | 0.862 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.07 | 16.00 | 1.239 | - | - | -0.18 | 0.681 | 0.844 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | 0.1 | 0.475 | 0.576 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.12 | 0.469 | 0.572 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 656000 | 3840 | 17.98 | 19.00 | 1.265 | 50 | 1.000 | -0.17 | 0.627 | 0.793 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0.08 | 0.125 | 0.143 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.18 | 0.117 | 0.135 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | -0.03 | 0.127 | 0.145 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.04 | 0.113 | 0.130 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | -0.09 | 0.757 | 0.867 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.02 | 0.783 | 0.903 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.35 | 16.00 | 1.161 | - | - | 0.11 | 0.744 | 0.864 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0.07 | 0.475 | 0.544 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.03 | 0.465 | 0.536 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 17.96 | 19.00 | 1.271 | 50 | 1.000 | -0.08 | 0.718 | 0.912 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.66 | 22.00 | 1.361 | - | - | -0.04 | 0.416 | 0.566 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.64 | 22.00 | 1.368 | - | - | -0.08 | 0.395 | 0.540 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.66 | 22.00 | 1.361 | - | - | 0.17 | 0.134 | 0.182 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.64 | 22.00 | 1.368 | - | - | 0.18 | 0.137 | 0.187 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.66 | 22.00 | 1.361 | - | - | -0.04 | 0.556 | 0.757 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.64 | 22.00 | 1.368 | - | - | -0.08 | 0.446 | 0.610 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.66 | 22.00 | 1.361 | - | - | -0.13 | 0.086 | 0.117 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 20.64 | 22.00 | 1.368 | - | - | -0.13 | 0.084 | 0.115 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 656000 | 3840 | 23.67 | 25.00 | 1.358 | 50 | 1.000 | 0.06 | 0.564 | 0.766 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.58 | 22.00 | 1.387 | - | - | -0.03 | 0.297 | 0.412 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.54 | 22.00 | 1.400 | - | - | 0.08 | 0.366 | 0.512 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.58 | 22.00 | 1.387 | - | - | -0.07 | 0.163 | 0.226 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.54 | 22.00 | 1.400 | - | - | 0.05 | 0.192 | 0.269 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.58 | 22.00 | 1.387 | - | - | -0.11 | 0.396 | 0.549 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.54 | 22.00 | 1.400 | - | - | -0.12 | 0.475 | 0.665 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.58 | 22.00 | 1.387 | - | - | 0.03 | 0.100 | 0.139 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 20.54 | 22.00 | 1.400 | - | - | -0.16 | 0.127 | 0.178 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 23.73 | 25.00 | 1.340 | 50 | 1.000 | -0.02 | 0.458 | 0.614 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.41 | 20.50 | 1.285 | - | - | 0.15 | 0.157 | 0.202 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.32 | 20.50 | 1.312 | - | - | -0.09 | 0.157 | 0.206 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.41 | 20.50 | 1.285 | - | - | 0.11 | 0.044 | 0.057 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.32 | 20.50 | 1.312 | - | - | -0.05 | 0.046 | 0.060 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.41 | 20.50 | 1.285 | - | - | -0.08 | 0.437 | 0.562 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.32 | 20.50 | 1.312 | - | - | 0.16 | 0.657 | 0.862 |
| | FR1 n77 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.32 | 20.50 | 1.312 | - | - | 0.05 | 0.645 | 0.846 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.41 | 20.50 | 1.285 | - | - | 0.05 | 0.074 | 0.095 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 19.32 | 20.50 | 1.312 | - | - | -0.03 | 0.071 | 0.093 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 22.73 | 23.50 | 1.194 | 50 | 1.000 | -0.15 | 0.651 | 0.777 |
| | FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 17.07 | 17.50 | 1.104 | - | - | 0.02 | 0.546 | 0.603 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 656000 | 3840 | 20.15 | 20.50 | 1.084 | 50 | 1.000 | 0.07 | 0.533 | 0.578 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.03 | 20.50 | 1.403 | - | - | -0.13 | 0.312 | 0.438 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.01 | 20.50 | 1.409 | - | - | 0.12 | 0.238 | 0.335 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.03 | 20.50 | 1.403 | - | - | 0.17 | 0.066 | 0.093 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.01 | 20.50 | 1.409 | - | - | -0.16 | 0.049 | 0.069 |
| 27 | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.03 | 20.50 | 1.403 | - | - | -0.08 | 0.780 | **1.094** |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.01 | 20.50 | 1.409 | - | - | 0.11 | 0.565 | 0.796 |
| | FR1 n77 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 18.95 | 20.50 | 1.429 | - | - | -0.05 | 0.622 | 0.889 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.03 | 20.50 | 1.403 | - | - | -0.01 | 0.096 | 0.135 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.01 | 20.50 | 1.409 | - | - | -0.14 | 0.068 | 0.096 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 22.12 | 23.50 | 1.374 | 50 | 1.000 | -0.15 | 0.753 | 1.035 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 15.65 | 17.50 | 1.531 | - | - | -0.12 | 0.234 | 0.358 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 18.59 | 20.50 | 1.552 | 50 | 1.000 | -0.17 | 0.221 | 0.343 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.03 | 0.734 | 1.039 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | 0.02 | 0.757 | 1.082 |
| | FR1 n77 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.43 | 18.00 | 1.435 | - | - | -0.01 | 0.749 | 1.075 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | 0.02 | 0.663 | 0.939 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | -0.03 | 0.547 | 0.782 |
| | FR1 n77 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.43 | 18.00 | 1.435 | - | - | 0 | 0.575 | 0.825 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.1 | 0.187 | 0.265 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | 0.05 | 0.208 | 0.297 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | 0 | 0.249 | 0.353 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | 0.07 | 0.235 | 0.336 |
| FR1 n77 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 19.05 | 21.00 | 1.567 | 50 | 1.000 | 0.15 | 0.663 | 1.039 |
| FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 13.45 | 14.50 | 1.274 | - | - | -0.05 | 0.424 | 0.540 |
| FR1 n77 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 656000 | 3840 | 16.71 | 17.50 | 1.199 | 50 | 1.000 | -0.08 | 0.405 | 0.486 |
| FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | 0.16 | 0.439 | 0.643 |
| FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | 0.13 | 0.389 | 0.571 |
| FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | -0.18 | 0.415 | 0.608 |
| FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | 0.02 | 0.328 | 0.482 |
| FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | 0.16 | 0.322 | 0.472 |
| FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | -0.03 | 0.242 | 0.355 |
| FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | 0.07 | 0.381 | 0.558 |
| FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | 0 | 0.311 | 0.457 |
| FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 19.55 | 21.00 | 1.396 | 50 | 1.000 | 0.01 | 0.420 | 0.586 |
| FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 13.07 | 14.50 | 1.390 | - | - | -0.01 | 0.300 | 0.417 |
| FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.19 | 17.50 | 1.352 | 50 | 1.000 | -0.06 | 0.278 | 0.376 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | -0.04 | 0.180 | 0.214 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | -0.09 | 0.190 | 0.228 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | -0.17 | 0.175 | 0.208 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | -0.1 | 0.162 | 0.194 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | 0.18 | 0.554 | 0.658 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | -0.17 | 0.488 | 0.585 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | -0.05 | 0.478 | 0.568 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | 0 | 0.376 | 0.451 |
| FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 650000 | 3750 | 17.39 | 18.50 | 1.291 | 50 | 1.000 | -0.01 | 0.515 | 0.665 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | 0.08 | 0.118 | 0.140 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | 0.01 | 0.112 | 0.133 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | 0.03 | 0.116 | 0.137 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | -0.08 | 0.109 | 0.129 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | -0.02 | 0.763 | 0.903 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | 0.1 | 0.548 | 0.650 |
| FR1 n78 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.68 | 15.50 | 1.208 | - | - | -0.18 | 0.681 | 0.823 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | 0.1 | 0.487 | 0.576 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | 0.12 | 0.445 | 0.528 |
| FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 7 | DSI1 | 633334 | 3500.01 | 17.49 | 18.50 | 1.262 | 50 | 1.000 | -0.17 | 0.711 | 0.897 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.08 | 22.50 | 1.387 | - | - | -0.18 | 0.509 | 0.706 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.01 | 22.50 | 1.409 | - | - | -0.11 | 0.534 | 0.753 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.08 | 22.50 | 1.387 | - | - | -0.15 | 0.155 | 0.215 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.01 | 22.50 | 1.409 | - | - | -0.06 | 0.147 | 0.207 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.08 | 22.50 | 1.387 | - | - | -0.14 | 0.659 | 0.914 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.01 | 22.50 | 1.409 | - | - | -0.19 | 0.523 | 0.737 |
| FR1 n78 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 20.90 | 22.50 | 1.445 | - | - | -0.07 | 0.663 | 0.958 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.08 | 22.50 | 1.387 | - | - | 0.06 | 0.121 | 0.168 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 21.01 | 22.50 | 1.409 | - | - | 0.02 | 0.111 | 0.156 |
| FR1 n78 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 650000 | 3750 | 23.82 | 25.50 | 1.472 | 50 | 1.000 | 0.12 | 0.597 | 0.879 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.18 | 22.50 | 1.355 | - | - | -0.16 | 0.399 | 0.541 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.08 | 22.50 | 1.387 | - | - | -0.12 | 0.499 | 0.692 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.18 | 22.50 | 1.355 | - | - | 0.07 | 0.196 | 0.266 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.08 | 22.50 | 1.387 | - | - | -0.02 | 0.263 | 0.365 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.18 | 22.50 | 1.355 | - | - | -0.05 | 0.478 | 0.648 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.08 | 22.50 | 1.387 | - | - | -0.13 | 0.557 | 0.772 |
| FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.18 | 22.50 | 1.355 | - | - | 0.08 | 0.131 | 0.178 |
| FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 21.08 | 22.50 | 1.387 | - | - | 0.16 | 0.173 | 0.240 |
| FR1 n78 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 6 | DSI1 | 633334 | 3500.01 | 24.03 | 25.50 | 1.403 | 50 | 1.000 | 0.01 | 0.546 | 0.766 |
| FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.61 | 20.50 | 1.227 | - | - | 0.02 | 0.207 | 0.254 |
| FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.58 | 20.50 | 1.236 | - | - | -0.13 | 0.155 | 0.192 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.61 | 20.50 | 1.227 | - | - | 0.17 | 0.047 | 0.058 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.58 | 20.50 | 1.236 | - | - | 0.06 | 0.041 | 0.051 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.61 | 20.50 | 1.227 | - | - | 0 | 0.524 | 0.643 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.58 | 20.50 | 1.236 | - | - | -0.04 | 0.610 | 0.754 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.61 | 20.50 | 1.227 | - | - | 0.11 | 0.071 | 0.087 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.58 | 20.50 | 1.236 | - | - | -0.02 | 0.077 | 0.095 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 22.62 | 23.50 | 1.225 | 50 | 1.000 | 0.1 | 0.634 | 0.776 |
| | FR1 n78 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 16.11 | 17.50 | 1.377 | - | - | 0.04 | 0.233 | 0.321 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 650000 | 3750 | 19.23 | 20.50 | 1.340 | 50 | 1.000 | 0.13 | 0.223 | 0.299 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.82 | 20.50 | 1.169 | - | - | 0.08 | 0.240 | 0.281 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.80 | 20.50 | 1.175 | - | - | 0.01 | 0.190 | 0.223 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.82 | 20.50 | 1.169 | - | - | 0.02 | 0.064 | 0.075 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.80 | 20.50 | 1.175 | - | - | -0.11 | 0.047 | 0.055 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.82 | 20.50 | 1.169 | - | - | -0.01 | 0.776 | 0.908 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.80 | 20.50 | 1.175 | - | - | 0.09 | 0.595 | 0.699 |
| | FR1 n78 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.75 | 20.50 | 1.189 | - | - | 0.1 | 0.621 | 0.738 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.82 | 20.50 | 1.169 | - | - | -0.04 | 0.091 | 0.106 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 19.80 | 20.50 | 1.175 | - | - | 0.15 | 0.069 | 0.081 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 22.99 | 23.50 | 1.125 | 50 | 1.000 | 0.05 | 0.879 | 0.989 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 15.88 | 17.50 | 1.452 | - | - | -0.16 | 0.254 | 0.369 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 1 | DSI1 | 633334 | 3500.01 | 18.95 | 20.50 | 1.429 | 50 | 1.000 | 0.05 | 0.248 | 0.354 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | -0.08 | 0.682 | 0.981 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | -0.05 | 0.722 | 1.048 |
| | FR1 n78 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.30 | 18.00 | 1.479 | - | - | 0.01 | 0.682 | 1.009 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | -0.11 | 0.583 | 0.839 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | 0.03 | 0.624 | 0.906 |
| | FR1 n78 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.30 | 18.00 | 1.479 | - | - | -0.05 | 0.641 | 0.948 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | 0.14 | 0.208 | 0.299 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | -0.01 | 0.189 | 0.274 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | -0.12 | 0.263 | 0.378 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | 0.07 | 0.255 | 0.370 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 19.35 | 21.00 | 1.462 | 50 | 1.000 | 0.09 | 0.709 | 1.037 |
| | FR1 n78 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 13.42 | 14.50 | 1.282 | - | - | 0.04 | 0.548 | 0.703 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 650000 | 3750 | 16.41 | 17.50 | 1.285 | 50 | 1.000 | 0.11 | 0.552 | 0.709 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | -0.16 | 0.465 | 0.674 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | 0.1 | 0.418 | 0.610 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | -0.01 | 0.409 | 0.593 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | 0 | 0.364 | 0.531 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | -0.06 | 0.261 | 0.378 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | -0.15 | 0.215 | 0.314 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | 0.03 | 0.341 | 0.494 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Tilted | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | -0.13 | 0.275 | 0.401 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 20.39 | 21.00 | 1.151 | 50 | 1.000 | 0.16 | 0.538 | 0.619 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 12.88 | 14.50 | 1.452 | - | - | -0.15 | 0.368 | 0.534 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 8 | DSI1 | 633334 | 3500.01 | 15.96 | 17.50 | 1.426 | 50 | 1.000 | -0.02 | 0.356 | 0.508 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2450MHz** | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Cheek | 0mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.09 | 0.854 | 0.976 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Tilted | 0mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | -0.09 | 0.260 | 0.297 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Cheek | 0mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | -0.08 | 0.201 | 0.230 |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Tilted | 0mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.13 | 0.142 | 0.162 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Cheek | 0mm | Ant 9+10 | Full power | 6 | 2437 | 21.86 | 22.50 | 1.160 | 100 | 1.000 | 0.12 | 0.769 | 0.892 |
| | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.06 | 0.384 | 0.595 |
| | Bluetooth | 1Mbps | Right Tilted | 0mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.07 | 0.260 | 0.403 |
| | Bluetooth | 1Mbps | Left Cheek | 0mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.18 | 0.153 | 0.237 |
| | Bluetooth | 1Mbps | Left Tilted | 0mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.1 | 0.196 | 0.304 |
| | Bluetooth | 1Mbps | Right Cheek | 0mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.09 | 0.241 | 0.354 |
| | Bluetooth | 1Mbps | Right Tilted | 0mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.03 | 0.095 | 0.140 |
| | Bluetooth | 1Mbps | Left Cheek | 0mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.18 | 0.065 | 0.096 |
| | Bluetooth | 1Mbps | Left Tilted | 0mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.16 | 0.057 | 0.084 |
| **5000MHz** | | | | | | | | | | | | | | | | |
| 28 | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 42 | 5210 | 17.65 | 18.50 | 1.216 | 100 | 1.000 | -0.07 | 0.851 | **1.035** |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 8+10 | Receiver on | 42 | 5210 | 17.65 | 18.50 | 1.216 | 100 | 1.000 | 0.01 | 0.674 | 0.820 |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 8+10 | Receiver on | 42 | 5210 | 17.65 | 18.50 | 1.216 | 100 | 1.000 | -0.15 | 0.458 | 0.557 |
| | WLAN5.2GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 8+10 | Receiver on | 42 | 5210 | 17.65 | 18.50 | 1.216 | 100 | 1.000 | 0.19 | 0.431 | 0.524 |
| 29 | WLAN5.5GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 106 | 5530 | 17.18 | 18.00 | 1.208 | 100 | 1.000 | -0.04 | 0.880 | **1.063** |
| | WLAN5.5GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 122 | 5610 | 17.12 | 18.00 | 1.225 | 100 | 1.000 | 0.07 | 0.808 | 0.989 |
| | WLAN5.5GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 8+10 | Receiver on | 106 | 5530 | 17.18 | 18.00 | 1.208 | 100 | 1.000 | -0.18 | 0.727 | 0.878 |
| | WLAN5.5GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 8+10 | Receiver on | 122 | 5610 | 17.12 | 18.00 | 1.225 | 100 | 1.000 | 0.03 | 0.732 | 0.896 |
| | WLAN5.5GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 8+10 | Receiver on | 106 | 5530 | 17.18 | 18.00 | 1.208 | 100 | 1.000 | -0.15 | 0.448 | 0.541 |
| | WLAN5.5GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 8+10 | Receiver on | 106 | 5530 | 17.18 | 18.00 | 1.208 | 100 | 1.000 | 0.11 | 0.443 | 0.535 |
| 30 | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 155 | 5775 | 17.15 | 18.00 | 1.216 | 100 | 1.000 | -0.01 | 0.822 | **1.000** |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Right Tilted | 0mm | Ant 8+10 | Receiver on | 155 | 5775 | 17.15 | 18.00 | 1.216 | 100 | 1.000 | -0.17 | 0.577 | 0.702 |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Left Cheek | 0mm | Ant 8+10 | Receiver on | 155 | 5775 | 17.15 | 18.00 | 1.216 | 100 | 1.000 | -0.08 | 0.276 | 0.336 |
| | WLAN5.8GHz | 802.11ac-VHT80 MCS0 | Left Tilted | 0mm | Ant 8+10 | Receiver on | 155 | 5775 | 17.15 | 18.00 | 1.216 | 100 | 1.000 | -0.04 | 0.240 | 0.292 |

## 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) | 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 12 | 10M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.65 | 21.50 | 1.216 | - | - | 0.08 | 0.166 | 0.202 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.61 | 21.50 | 1.227 | - | - | 0.01 | 0.164 | 0.201 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.65 | 21.50 | 1.216 | - | - | 0.03 | 0.153 | 0.186 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.61 | 21.50 | 1.227 | - | - | -0.08 | 0.154 | 0.189 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.65 | 21.50 | 1.216 | - | - | -0.08 | 0.302 | 0.367 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.61 | 21.50 | 1.227 | - | - | 0.08 | 0.305 | 0.374 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.65 | 21.50 | 1.216 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 23095 | 707.5 | 20.61 | 21.50 | 1.227 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | 0.1 | 0.124 | 0.152 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | 0.12 | 0.098 | 0.114 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | 0.08 | 0.219 | 0.268 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | -0.17 | 0.169 | 0.196 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | -0.03 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | 0.14 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | 0.11 | 0.137 | 0.167 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | -0.05 | 0.113 | 0.131 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | 0.18 | 0.148 | 0.181 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | 0.14 | 0.104 | 0.121 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.60 | 22.20 | 1.148 | - | - | -0.18 | 0.220 | 0.253 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.57 | 22.20 | 1.156 | - | - | 0.03 | 0.245 | 0.283 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.60 | 22.20 | 1.148 | - | - | -0.15 | 0.207 | 0.238 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.57 | 22.20 | 1.156 | - | - | -0.15 | 0.234 | 0.271 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.60 | 22.20 | 1.148 | - | - | 0.11 | 0.390 | 0.448 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.57 | 22.20 | 1.156 | - | - | 0.02 | 0.418 | 0.483 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.60 | 22.20 | 1.148 | - | - | -0.17 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 141500 | 707.5 | 21.57 | 22.20 | 1.156 | - | - | -0.08 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | 0.18 | 0.097 | 0.110 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.16 | 0.122 | 0.140 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | -0.1 | 0.153 | 0.173 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.07 | 0.202 | 0.232 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | 0.18 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | -0.1 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | 0.01 | 0.098 | 0.111 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | -0.15 | 0.125 | 0.144 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | 0.19 | 0.136 | 0.154 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.07 | 0.125 | 0.144 |
| **835MHz** | | | | | | | | | | | | | | | | | | | | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 10mm | Ant 1 | DSI8 | 189 | 836.4 | 22.44 | 23.50 | 1.276 | - | - | -0.18 | 0.159 | 0.203 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 10mm | Ant 1 | DSI8 | 189 | 836.4 | 22.44 | 23.50 | 1.276 | - | - | 0.1 | 0.167 | 0.213 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 10mm | Ant 1 | DSI8 | 189 | 836.4 | 22.44 | 23.50 | 1.276 | - | - | -0.04 | 0.258 | 0.329 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 10mm | Ant 1 | DSI8 | 189 | 836.4 | 22.44 | 23.50 | 1.276 | - | - | 0.12 | 0.000 | 0.000 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 10mm | Ant 0 | DSI8 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | -0.17 | 0.159 | 0.217 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 10mm | Ant 0 | DSI8 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | 0.02 | 0.316 | 0.431 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 10mm | Ant 0 | DSI8 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | -0.03 | 0.000 | 0.000 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Right Side | 10mm | Ant 0 | DSI8 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | 0.14 | 0.083 | 0.113 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Bottom Side | 10mm | Ant 0 | DSI8 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | 0.11 | 0.200 | 0.273 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 1 | DSI8 | 4182 | 836.4 | 19.44 | 20.50 | 1.276 | - | - | 0.07 | 0.245 | 0.313 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 1 | DSI8 | 4182 | 836.4 | 19.44 | 20.50 | 1.276 | - | - | 0 | 0.218 | 0.278 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Side | 10mm | Ant 1 | DSI8 | 4182 | 836.4 | 19.44 | 20.50 | 1.276 | - | - | 0.05 | 0.346 | 0.442 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Top Side | 10mm | Ant 1 | DSI8 | 4182 | 836.4 | 19.44 | 20.50 | 1.276 | - | - | 0.01 | 0.000 | 0.000 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 0 | DSI8 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | -0.08 | 0.198 | 0.235 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 0 | DSI8 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | 0.06 | 0.367 | 0.436 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Side | 10mm | Ant 0 | DSI8 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | 0.13 | 0.000 | 0.000 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Side | 10mm | Ant 0 | DSI8 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | 0.12 | 0.111 | 0.132 |
| WCDMA V | - | - | - | - | RMC 12.2Kbps | Bottom Side | 10mm | Ant 0 | DSI8 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | 0.03 | 0.202 | 0.240 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | 0.06 | 0.269 | 0.327 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | -0.09 | 0.259 | 0.318 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | -0.08 | 0.249 | 0.303 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | 0.13 | 0.247 | 0.303 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | 0.12 | 0.359 | 0.437 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | 0.07 | 0.370 | 0.454 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | 0.03 | 0.000 | 0.000 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | 0.18 | 0.000 | 0.000 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | -0.17 | 0.189 | 0.230 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | 0.17 | 0.157 | 0.188 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | -0.05 | 0.348 | 0.424 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | 0.01 | 0.299 | 0.359 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | 0.1 | 0.000 | 0.000 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | -0.17 | 0.000 | 0.000 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | 0.04 | 0.110 | 0.134 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | -0.01 | 0.089 | 0.107 |
| LTE Band 26 | 15M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | -0.08 | 0.204 | 0.249 |
| LTE Band 26 | 15M | QPSK | 36 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | 0.05 | 0.171 | 0.205 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.42 | 20.70 | 1.067 | - | - | -0.04 | 0.209 | 0.223 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.39 | 20.70 | 1.074 | - | - | -0.04 | 0.223 | 0.239 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.42 | 20.70 | 1.067 | - | - | -0.08 | 0.189 | 0.202 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.39 | 20.70 | 1.074 | - | - | 0.17 | 0.221 | 0.237 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.42 | 20.70 | 1.067 | - | - | 0.18 | 0.286 | 0.305 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.39 | 20.70 | 1.074 | - | - | 0.05 | 0.326 | 0.350 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.42 | 20.70 | 1.067 | - | - | -0.08 | 0.000 | 0.000 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 166300 | 831.5 | 20.39 | 20.70 | 1.074 | - | - | -0.13 | 0.000 | 0.000 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | -0.03 | 0.198 | 0.210 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | 0.08 | 0.227 | 0.245 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | -0.07 | 0.356 | 0.378 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | 0.03 | 0.375 | 0.405 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | 0.05 | 0.000 | 0.000 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | -0.11 | 0.000 | 0.000 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | -0.12 | 0.106 | 0.113 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | 0.03 | 0.103 | 0.111 |
| FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | -0.16 | 0.216 | 0.229 |
| FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | -0.02 | 0.216 | 0.233 |
| **1750MHz** | | | | | | | | | | | | | | | | | | | |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 5 | DSI8 | 1413 | 1732.6 | 16.17 | 17.00 | 1.211 | - | - | -0.05 | 0.088 | 0.107 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 5 | DSI8 | 1413 | 1732.6 | 16.17 | 17.00 | 1.211 | - | - | 0.18 | 0.090 | 0.109 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 10mm | Ant 5 | DSI8 | 1413 | 1732.6 | 16.17 | 17.00 | 1.211 | - | - | 0.14 | 0.050 | 0.061 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 10mm | Ant 5 | DSI8 | 1413 | 1732.6 | 16.17 | 17.00 | 1.211 | - | - | 0.17 | 0.214 | 0.259 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 6 | DSI8 | 1413 | 1732.6 | 17.93 | 19.50 | 1.435 | - | - | -0.05 | 0.149 | 0.214 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 6 | DSI8 | 1413 | 1732.6 | 17.93 | 19.50 | 1.435 | - | - | 0.01 | 0.130 | 0.187 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Side | 10mm | Ant 6 | DSI8 | 1413 | 1732.6 | 17.93 | 19.50 | 1.435 | - | - | 0.01 | 0.248 | 0.356 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 10mm | Ant 6 | DSI8 | 1413 | 1732.6 | 17.93 | 19.50 | 1.435 | - | - | 0.1 | 0.000 | 0.000 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 0 | DSI8 | 1413 | 1732.6 | 20.22 | 21.80 | 1.439 | - | - | 0.04 | 0.222 | 0.319 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 0 | DSI8 | 1413 | 1732.6 | 20.22 | 21.80 | 1.439 | - | - | -0.01 | 0.332 | 0.478 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 10mm | Ant 0 | DSI8 | 1413 | 1732.6 | 20.22 | 21.80 | 1.439 | - | - | -0.08 | 0.000 | 0.000 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Side | 10mm | Ant 0 | DSI8 | 1413 | 1732.6 | 20.22 | 21.80 | 1.439 | - | - | 0.05 | 0.065 | 0.094 |
| WCDMA IV | - | - | - | - | RMC 12.2Kbps | Bottom Side | 10mm | Ant 0 | DSI8 | 1413 | 1732.6 | 20.22 | 21.80 | 1.439 | - | - | 0.04 | 0.488 | 0.702 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 1 | DSI8 | 1413 | 1732.6 | 18.41 | 20.00 | 1.442 | - | - | -0.09 | 0.116 | 0.167 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 1 | DSI8 | 1413 | 1732.6 | 18.41 | 20.00 | 1.442 | - | - | -0.08 | 0.101 | 0.146 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 10mm | Ant 1 | DSI8 | 1413 | 1732.6 | 18.41 | 20.00 | 1.442 | - | - | 0.07 | 0.259 | 0.374 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 10mm | Ant 1 | DSI8 | 1413 | 1732.6 | 18.41 | 20.00 | 1.442 | - | - | 0.13 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.33 | 18.20 | 1.222 | - | - | 0.16 | 0.090 | 0.110 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.29 | 18.20 | 1.233 | - | - | -0.1 | 0.091 | 0.112 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.33 | 18.20 | 1.222 | - | - | 0.07 | 0.090 | 0.110 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.29 | 18.20 | 1.233 | - | - | 0.18 | 0.090 | 0.111 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.33 | 18.20 | 1.222 | - | - | -0.1 | 0.057 | 0.070 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.29 | 18.20 | 1.233 | - | - | 0.01 | 0.053 | 0.065 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.33 | 18.20 | 1.222 | - | - | 0.07 | 0.186 | 0.227 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 20175 | 1732.5 | 17.29 | 18.20 | 1.233 | - | - | 0.05 | 0.189 | 0.233 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 18.07 | 19.70 | 1.455 | - | - | 0.08 | 0.176 | 0.256 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 17.99 | 19.70 | 1.483 | - | - | 0.01 | 0.175 | 0.259 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 18.07 | 19.70 | 1.455 | - | - | 0.03 | 0.153 | 0.223 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 17.99 | 19.70 | 1.483 | - | - | -0.08 | 0.157 | 0.233 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 18.07 | 19.70 | 1.455 | - | - | 0.09 | 0.356 | 0.518 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 17.99 | 19.70 | 1.483 | - | - | -0.08 | 0.346 | 0.513 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 18.07 | 19.70 | 1.455 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 20175 | 1732.5 | 17.99 | 19.70 | 1.483 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.21 | 18.70 | 1.119 | - | - | 0.12 | 0.140 | 0.157 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.18 | 18.70 | 1.127 | - | - | 0.03 | 0.146 | 0.165 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.21 | 18.70 | 1.119 | - | - | 0.18 | 0.198 | 0.222 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.18 | 18.70 | 1.127 | - | - | 0.16 | 0.205 | 0.231 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.21 | 18.70 | 1.119 | - | - | -0.1 | 0.022 | 0.025 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.18 | 18.70 | 1.127 | - | - | 0.07 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.21 | 18.70 | 1.119 | - | - | 0.18 | 0.042 | 0.047 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.18 | 18.70 | 1.127 | - | - | -0.1 | 0.039 | 0.044 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.21 | 18.70 | 1.119 | - | - | 0.01 | 0.331 | 0.371 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 18.18 | 18.70 | 1.127 | - | - | 0.03 | 0.333 | 0.375 |
| | LTE Band 4 Main PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20175 | 1732.5 | 15.95 | 17.00 | 1.274 | - | - | 0.01 | 0.027 | 0.035 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.95 | 18.70 | 1.189 | - | - | 0.19 | 0.110 | 0.131 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.89 | 18.70 | 1.205 | - | - | 0.07 | 0.107 | 0.129 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.95 | 18.70 | 1.189 | - | - | -0.18 | 0.105 | 0.125 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.89 | 18.70 | 1.205 | - | - | 0.03 | 0.105 | 0.127 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.95 | 18.70 | 1.189 | - | - | -0.15 | 0.218 | 0.259 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.89 | 18.70 | 1.205 | - | - | -0.08 | 0.223 | 0.269 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.95 | 18.70 | 1.189 | - | - | -0.15 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 17.89 | 18.70 | 1.205 | - | - | 0.11 | 0.000 | 0.000 |
| | LTE Band 4 Main PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 20175 | 1732.5 | 15.55 | 17.00 | 1.396 | - | - | -0.08 | 0.191 | 0.267 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.93 | 17.70 | 1.194 | - | - | -0.18 | 0.098 | 0.117 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.88 | 17.70 | 1.208 | - | - | 0.03 | 0.099 | 0.120 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.93 | 17.70 | 1.194 | - | - | -0.15 | 0.100 | 0.119 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.88 | 17.70 | 1.208 | - | - | -0.15 | 0.099 | 0.120 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.93 | 17.70 | 1.194 | - | - | 0.11 | 0.059 | 0.070 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.88 | 17.70 | 1.208 | - | - | -0.08 | 0.058 | 0.070 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.93 | 17.70 | 1.194 | - | - | -0.04 | 0.188 | 0.224 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 132322 | 1745 | 16.88 | 17.70 | 1.208 | - | - | 0.01 | 0.260 | 0.314 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.57 | 20.20 | 1.455 | - | - | 0.08 | 0.197 | 0.287 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.42 | 20.20 | 1.507 | - | - | 0.01 | 0.192 | 0.289 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.57 | 20.20 | 1.455 | - | - | 0.03 | 0.167 | 0.243 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.42 | 20.20 | 1.507 | - | - | -0.08 | 0.164 | 0.247 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.57 | 20.20 | 1.455 | - | - | 0.04 | 0.355 | 0.517 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.42 | 20.20 | 1.507 | - | - | -0.08 | 0.341 | 0.514 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.57 | 20.20 | 1.455 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 132322 | 1745 | 18.42 | 20.20 | 1.507 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.83 | 19.20 | 1.089 | - | - | 0.08 | 0.195 | 0.212 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.81 | 19.20 | 1.094 | - | - | 0.01 | 0.200 | 0.219 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.83 | 19.20 | 1.089 | - | - | 0.03 | 0.286 | 0.311 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.81 | 19.20 | 1.094 | - | - | -0.08 | 0.273 | 0.299 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.83 | 19.20 | 1.089 | - | - | -0.08 | 0.000 | 0.000 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.81 | 19.20 | 1.094 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.83 | 19.20 | 1.089 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.81 | 19.20 | 1.094 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.83 | 19.20 | 1.089 | - | - | 0.03 | 0.451 | 0.491 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 18.81 | 19.20 | 1.094 | - | - | 0.12 | 0.447 | 0.489 |
| | LTE Band 66 Main PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 132322 | 1745 | 16.09 | 17.50 | 1.384 | - | - | 0.02 | 0.217 | 0.300 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.53 | 17.70 | 1.040 | - | - | 0.08 | 0.104 | 0.108 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.43 | 17.70 | 1.064 | - | - | -0.17 | 0.104 | 0.111 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.53 | 17.70 | 1.040 | - | - | -0.03 | 0.097 | 0.101 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.43 | 17.70 | 1.064 | - | - | 0.14 | 0.095 | 0.101 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.53 | 17.70 | 1.040 | - | - | 0.11 | 0.204 | 0.212 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.43 | 17.70 | 1.064 | - | - | 0.06 | 0.207 | 0.220 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.53 | 17.70 | 1.040 | - | - | -0.05 | 0.000 | 0.000 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 17.43 | 17.70 | 1.064 | - | - | 0.18 | 0.000 | 0.000 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 132322 | 1745 | 14.05 | 15.70 | 1.462 | - | - | 0.04 | 0.166 | 0.243 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.35 | 17.70 | 1.084 | - | - | -0.03 | 0.134 | 0.145 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.33 | 17.70 | 1.089 | - | - | 0.07 | 0.141 | 0.154 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.35 | 17.70 | 1.084 | - | - | 0 | 0.125 | 0.135 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.33 | 17.70 | 1.089 | - | - | 0.01 | 0.132 | 0.144 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.35 | 17.70 | 1.084 | - | - | -0.01 | 0.083 | 0.090 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.33 | 17.70 | 1.089 | - | - | -0.06 | 0.082 | 0.089 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.35 | 17.70 | 1.084 | - | - | 0.08 | 0.282 | 0.306 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 5 | DSI8 | 349000 | 1745 | 17.33 | 17.70 | 1.089 | - | - | -0.17 | 0.271 | 0.295 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.35 | 19.70 | 1.365 | - | - | 0.15 | 0.212 | 0.289 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.32 | 19.70 | 1.374 | - | - | -0.09 | 0.197 | 0.271 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.35 | 19.70 | 1.365 | - | - | 0.11 | 0.194 | 0.265 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.32 | 19.70 | 1.374 | - | - | -0.05 | 0.192 | 0.264 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.35 | 19.70 | 1.365 | - | - | 0.04 | 0.372 | 0.508 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.32 | 19.70 | 1.374 | - | - | -0.08 | 0.361 | 0.496 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.35 | 19.70 | 1.365 | - | - | 0.16 | 0.011 | 0.015 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 6 | DSI8 | 349000 | 1745 | 18.32 | 19.70 | 1.374 | - | - | 0.05 | 0.000 | 0.000 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | -0.15 | 0.252 | 0.271 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | -0.02 | 0.312 | 0.337 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | -0.09 | 0.339 | 0.365 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | 0.14 | 0.400 | 0.432 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | 0.1 | 0.000 | 0.000 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | -0.09 | 0.000 | 0.000 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | 0.07 | 0.072 | 0.078 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | -0.09 | 0.076 | 0.082 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | -0.16 | 0.617 | 0.664 |
| FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | 0.09 | 0.760 | 0.820 |
| FR1 n66 Other_PA | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 21.35 | 21.70 | 1.084 | - | - | 0.01 | 0.651 | 0.706 |
| FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 349000 | 1745 | 18.73 | 20.20 | 1.403 | - | - | -0.18 | 0.455 | 0.638 |
| FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.05 | 0.130 | 0.144 |
| FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | -0.03 | 0.142 | 0.159 |
| FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | -0.15 | 0.119 | 0.132 |
| FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | 0.02 | 0.135 | 0.151 |
| FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.07 | 0.295 | 0.327 |
| FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | 0.05 | 0.321 | 0.359 |
| FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.13 | 0.000 | 0.000 |
| FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | -0.18 | 0.000 | 0.000 |
| FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.02 | 0.000 | 0.000 |
| FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | 0.16 | 0.000 | 0.000 |
| FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 349000 | 1745 | 16.24 | 17.50 | 1.337 | - | - | 0.16 | 0.246 | 0.329 |
| **1900MHz** | | | | | | | | | | | | | | | | | | | |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 10mm | Ant 5 | DSI8 | 661 | 1880 | 20.71 | 22.50 | 1.510 | - | - | 0.08 | 0.170 | 0.257 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 10mm | Ant 5 | DSI8 | 661 | 1880 | 20.71 | 22.50 | 1.510 | - | - | 0.01 | 0.161 | 0.243 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 10mm | Ant 5 | DSI8 | 661 | 1880 | 20.71 | 22.50 | 1.510 | - | - | 0.03 | 0.111 | 0.168 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 10mm | Ant 5 | DSI8 | 661 | 1880 | 20.71 | 22.50 | 1.510 | - | - | -0.04 | 0.456 | 0.689 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 10mm | Ant 6 | DSI8 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | 0.1 | 0.168 | 0.204 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 10mm | Ant 6 | DSI8 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | -0.18 | 0.161 | 0.195 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Right Side | 10mm | Ant 6 | DSI8 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | 0.08 | 0.289 | 0.351 |
| GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 10mm | Ant 6 | DSI8 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | 0.1 | 0.000 | 0.000 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 5 | DSI8 | 9400 | 1880 | 17.20 | 18.00 | 1.202 | - | - | 0.1 | 0.134 | 0.161 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 5 | DSI8 | 9400 | 1880 | 17.20 | 18.00 | 1.202 | - | - | -0.17 | 0.130 | 0.156 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 10mm | Ant 5 | DSI8 | 9400 | 1880 | 17.20 | 18.00 | 1.202 | - | - | 0.04 | 0.083 | 0.100 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 10mm | Ant 5 | DSI8 | 9400 | 1880 | 17.20 | 18.00 | 1.202 | - | - | 0.07 | 0.339 | 0.408 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 10mm | Ant 6 | DSI8 | 9400 | 1880 | 18.99 | 20.50 | 1.416 | - | - | 0.05 | 0.216 | 0.306 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 10mm | Ant 6 | DSI8 | 9400 | 1880 | 18.99 | 20.50 | 1.416 | - | - | 0.06 | 0.204 | 0.289 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Side | 10mm | Ant 6 | DSI8 | 9400 | 1880 | 18.99 | 20.50 | 1.416 | - | - | 0.06 | 0.299 | 0.423 |
| WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 10mm | Ant 6 | DSI8 | 9400 | 1880 | 18.99 | 20.50 | 1.416 | - | - | -0.09 | 0.036 | 0.051 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 17.00 | 18.00 | 1.259 | - | - | -0.08 | 0.129 | 0.162 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 16.97 | 18.00 | 1.268 | - | - | 0.17 | 0.124 | 0.157 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 17.00 | 18.00 | 1.259 | - | - | 0.18 | 0.117 | 0.147 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 16.97 | 18.00 | 1.268 | - | - | -0.04 | 0.113 | 0.143 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 17.00 | 18.00 | 1.259 | - | - | -0.08 | 0.081 | 0.102 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 16.97 | 18.00 | 1.268 | - | - | -0.13 | 0.079 | 0.100 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 17.00 | 18.00 | 1.259 | - | - | -0.03 | 0.272 | 0.342 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 18900 | 1880 | 16.97 | 18.00 | 1.268 | - | - | 0.06 | 0.280 | 0.355 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.95 | 21.50 | 1.429 | - | - | 0.08 | 0.216 | 0.309 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.85 | 21.50 | 1.462 | - | - | 0.01 | 0.214 | 0.313 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.95 | 21.50 | 1.429 | - | - | 0.03 | 0.155 | 0.221 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.85 | 21.50 | 1.462 | - | - | -0.08 | 0.155 | 0.227 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.95 | 21.50 | 1.429 | - | - | 0.06 | 0.374 | 0.534 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.85 | 21.50 | 1.462 | - | - | -0.08 | 0.361 | 0.528 |
| LTE Band 2 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.95 | 21.50 | 1.429 | - | - | 0.1 | 0.000 | 0.000 |
| LTE Band 2 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 18900 | 1880 | 19.85 | 21.50 | 1.462 | - | - | -0.18 | 0.000 | 0.000 |
| FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.54 | 18.30 | 1.191 | - | - | 0.02 | 0.136 | 0.162 |
| FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.51 | 18.30 | 1.199 | - | - | 0.16 | 0.131 | 0.157 |
| FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.54 | 18.30 | 1.191 | - | - | 0.01 | 0.119 | 0.142 |
| FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.51 | 18.30 | 1.199 | - | - | -0.04 | 0.114 | 0.137 |
| FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.54 | 18.30 | 1.191 | - | - | 0.13 | 0.080 | 0.095 |
| FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.51 | 18.30 | 1.199 | - | - | 0.12 | 0.079 | 0.095 |
| FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.54 | 18.30 | 1.191 | - | - | 0.07 | 0.345 | 0.411 |
| FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 5 | DSI8 | 376000 | 1880 | 17.51 | 18.30 | 1.199 | - | - | 0.19 | 0.324 | 0.389 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.36 | 21.70 | 1.361 | - | - | -0.06 | 0.280 | 0.381 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.32 | 21.70 | 1.374 | - | - | 0 | 0.245 | 0.337 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.36 | 21.70 | 1.361 | - | - | -0.03 | 0.263 | 0.358 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.32 | 21.70 | 1.374 | - | - | 0.07 | 0.201 | 0.276 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.36 | 21.70 | 1.361 | - | - | 0.05 | 0.442 | 0.602 |
| | FR1 n2 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Right Side | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.28 | 21.70 | 1.387 | - | - | -0.12 | 0.405 | 0.562 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.36 | 21.70 | 1.361 | - | - | -0.03 | 0.000 | 0.000 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 6 | DSI8 | 376000 | 1880 | 20.32 | 21.70 | 1.374 | - | - | 0.02 | 0.000 | 0.000 |
| **2600MHz** | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.41 | 16.20 | 1.199 | - | - | -0.03 | 0.170 | 0.204 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.39 | 16.20 | 1.205 | - | - | 0.08 | 0.174 | 0.210 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.41 | 16.20 | 1.199 | - | - | -0.07 | 0.176 | 0.211 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.39 | 16.20 | 1.205 | - | - | 0.05 | 0.176 | 0.212 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.41 | 16.20 | 1.199 | - | - | -0.11 | 0.084 | 0.101 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.39 | 16.20 | 1.205 | - | - | -0.12 | 0.084 | 0.101 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.41 | 16.20 | 1.199 | - | - | -0.02 | 0.294 | 0.353 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Top Side | 10mm | Ant 5 | DSI8 | 21100+ 21298 | 2535+ 2554.8 | 15.35 | 16.20 | 1.216 | - | - | 0.05 | 0.227 | 0.276 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 21100 | 2535 | 15.39 | 16.20 | 1.205 | - | - | 0.08 | 0.292 | 0.352 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.46 | 20.20 | 1.493 | - | - | 0.08 | 0.205 | 0.306 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.42 | 20.20 | 1.507 | - | - | 0.01 | 0.208 | 0.313 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.46 | 20.20 | 1.493 | - | - | 0.03 | 0.189 | 0.282 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.42 | 20.20 | 1.507 | - | - | -0.08 | 0.195 | 0.294 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.46 | 20.20 | 1.493 | - | - | 0.08 | 0.453 | 0.676 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Right Side | 10mm | Ant 6 | DSI8 | 21100+ 21298 | 2535+ 2554.8 | 18.31 | 20.20 | 1.545 | - | - | 0.06 | 0.421 | 0.651 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.42 | 20.20 | 1.507 | - | - | -0.08 | 0.444 | 0.669 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.46 | 20.20 | 1.493 | - | - | 0.1 | 0.048 | 0.072 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 21100 | 2535 | 18.42 | 20.20 | 1.507 | - | - | -0.18 | 0.046 | 0.069 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.77 | 23.20 | 1.104 | - | - | 0.12 | 0.217 | 0.240 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | 0.08 | 0.213 | 0.240 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.77 | 23.20 | 1.104 | - | - | -0.17 | 0.348 | 0.384 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | -0.03 | 0.345 | 0.388 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.77 | 23.20 | 1.104 | - | - | 0.14 | 0.139 | 0.153 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | 0.11 | 0.135 | 0.152 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.77 | 23.20 | 1.104 | - | - | -0.05 | 0.049 | 0.054 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | 0.18 | 0.049 | 0.055 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.57 | 23.20 | 1.156 | - | - | 0.14 | 0.759 | 0.877 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20850 | 2510 | 22.55 | 23.20 | 1.161 | - | - | -0.08 | 0.787 | 0.914 |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20850+ 21048 | 2510+ 2529.8 | 22.35 | 23.20 | 1.216 | - | - | 0.09 | 0.719 | 0.874 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 21350 | 2560 | 22.53 | 23.20 | 1.167 | - | - | -0.17 | 0.732 | 0.854 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | 0.17 | 0.749 | 0.842 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20850 | 2510 | 22.56 | 23.20 | 1.159 | - | - | -0.05 | 0.764 | 0.885 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 21350 | 2560 | 22.50 | 23.20 | 1.175 | - | - | 0.01 | 0.737 | 0.866 |
| | LTE Band 7 Other_PA | 20M | QPSK | 100 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 21100 | 2535 | 22.68 | 23.20 | 1.127 | - | - | 0.1 | 0.750 | 0.845 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 20850 | 2510 | 20.75 | 22.00 | 1.334 | - | - | -0.17 | 0.652 | 0.869 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.09 | 19.70 | 1.151 | - | - | 0.04 | 0.109 | 0.125 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.03 | 19.70 | 1.167 | - | - | -0.01 | 0.106 | 0.124 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.09 | 19.70 | 1.151 | - | - | -0.08 | 0.104 | 0.120 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.03 | 19.70 | 1.167 | - | - | 0.05 | 0.104 | 0.121 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.09 | 19.70 | 1.151 | - | - | 0.06 | 0.225 | 0.259 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Left Side | 10mm | Ant 1 | DSI8 | 21100+ 21298 | 2535+ 2554.8 | 18.76 | 19.70 | 1.242 | - | - | 0.08 | 0.201 | 0.250 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.03 | 19.70 | 1.167 | - | - | 0.06 | 0.220 | 0.257 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.09 | 19.70 | 1.151 | - | - | -0.09 | 0.000 | 0.000 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 19.03 | 19.70 | 1.167 | - | - | -0.08 | 0.000 | 0.000 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 21100 | 2535 | 17.35 | 18.50 | 1.303 | - | - | 0.13 | 0.130 | 0.169 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.78 | 18.20 | 1.102 | 62.9 | 1.006 | 0.15 | 0.170 | 0.188 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.72 | 18.20 | 1.117 | 62.9 | 1.006 | -0.09 | 0.181 | 0.203 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.78 | 18.20 | 1.102 | 62.9 | 1.006 | 0.11 | 0.184 | 0.204 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.72 | 18.20 | 1.117 | 62.9 | 1.006 | -0.05 | 0.185 | 0.208 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.78 | 18.20 | 1.102 | 62.9 | 1.006 | -0.08 | 0.084 | 0.093 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.72 | 18.20 | 1.117 | 62.9 | 1.006 | 0.16 | 0.084 | 0.094 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.78 | 18.20 | 1.102 | 62.9 | 1.006 | -0.03 | 0.365 | 0.404 |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Top Side | 10mm | Ant 5 | DSI8 | 37901+ 38099 | 2585.1+ 2604.9 | 17.35 | 18.20 | 1.216 | 62.9 | 1.006 | 0.05 | 0.321 | 0.393 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 38000 | 2595 | 17.72 | 18.20 | 1.117 | 62.9 | 1.006 | 0.07 | 0.356 | 0.400 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.51 | 20.00 | 1.409 | 62.9 | 1.006 | 0.1 | 0.250 | 0.354 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.48 | 20.00 | 1.419 | 62.9 | 1.006 | 0.12 | 0.248 | 0.354 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.51 | 20.00 | 1.409 | 62.9 | 1.006 | 0.08 | 0.206 | 0.292 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.48 | 20.00 | 1.419 | 62.9 | 1.006 | -0.17 | 0.210 | 0.300 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.51 | 20.00 | 1.409 | 62.9 | 1.006 | 0.06 | 0.419 | 0.594 |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Right Side | 10mm | Ant 6 | DSI8 | 37901+ 38099 | 2585.1+ 2604.9 | 18.45 | 20.00 | 1.429 | 62.9 | 1.006 | -0.08 | 0.411 | 0.591 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.48 | 20.00 | 1.419 | 62.9 | 1.006 | -0.03 | 0.413 | 0.590 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.51 | 20.00 | 1.409 | 62.9 | 1.006 | 0.14 | 0.000 | 0.000 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 38000 | 2595 | 18.48 | 20.00 | 1.419 | 62.9 | 1.006 | 0.11 | 0.000 | 0.000 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.12 | 0.133 | 0.147 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.24 | 24.70 | 1.112 | 62.9 | 1.006 | 0.03 | 0.121 | 0.135 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.18 | 0.218 | 0.241 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.24 | 24.70 | 1.112 | 62.9 | 1.006 | 0.16 | 0.203 | 0.227 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.1 | 0.115 | 0.127 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.24 | 24.70 | 1.112 | 62.9 | 1.006 | 0.07 | 0.113 | 0.126 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.18 | 0.025 | 0.028 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.24 | 24.70 | 1.112 | 62.9 | 1.006 | -0.1 | 0.043 | 0.048 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.14 | 0.485 | 0.536 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 37901+ 38099 | 2585.1+ 2604.9 | 23.85 | 24.70 | 1.216 | 62.9 | 1.006 | 0.09 | 0.426 | 0.521 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.01 | 0.446 | 0.493 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 38000 | 2595 | 22.46 | 23.00 | 1.132 | - | - | -0.15 | 0.370 | 0.419 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.11 | 19.70 | 1.146 | 62.9 | 1.006 | 0.07 | 0.122 | 0.141 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 10mm | Ant 1 | DSI8 | 37901+ 38099 | 2585.1+ 2604.9 | 18.89 | 19.70 | 1.205 | 62.9 | 1.006 | 0.06 | 0.102 | 0.124 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.10 | 19.70 | 1.148 | 62.9 | 1.006 | 0.05 | 0.120 | 0.139 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.11 | 19.70 | 1.146 | 62.9 | 1.006 | -0.18 | 0.093 | 0.107 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.10 | 19.70 | 1.148 | 62.9 | 1.006 | 0.03 | 0.086 | 0.099 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.11 | 19.70 | 1.146 | 62.9 | 1.006 | -0.15 | 0.070 | 0.081 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.10 | 19.70 | 1.148 | 62.9 | 1.006 | -0.15 | 0.067 | 0.077 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.11 | 19.70 | 1.146 | 62.9 | 1.006 | 0.11 | 0.041 | 0.047 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 19.10 | 19.70 | 1.148 | 62.9 | 1.006 | -0.08 | 0.046 | 0.053 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 38000 | 2595 | 17.31 | 18.00 | 1.172 | - | - | -0.17 | 0.097 | 0.114 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.80 | 18.20 | 1.096 | 62.9 | 1.006 | -0.15 | 0.177 | 0.195 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.68 | 18.20 | 1.127 | 62.9 | 1.006 | 0.02 | 0.172 | 0.195 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.80 | 18.20 | 1.096 | 62.9 | 1.006 | 0.07 | 0.181 | 0.200 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.68 | 18.20 | 1.127 | 62.9 | 1.006 | 0.16 | 0.182 | 0.206 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.80 | 18.20 | 1.096 | 62.9 | 1.006 | 0.13 | 0.086 | 0.095 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.68 | 18.20 | 1.127 | 62.9 | 1.006 | -0.18 | 0.084 | 0.095 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.80 | 18.20 | 1.096 | 62.9 | 1.006 | 0.09 | 0.330 | 0.364 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Top Side | 10mm | Ant 5 | DSI8 | 40620+ 40818 | 2593+ 2612.8 | 17.56 | 18.20 | 1.159 | 62.9 | 1.006 | 0.04 | 0.311 | 0.363 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 5 | DSI8 | 40620 | 2593 | 17.68 | 18.20 | 1.127 | 62.9 | 1.006 | -0.03 | 0.320 | 0.363 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.59 | 21.00 | 1.384 | 62.9 | 1.006 | -0.05 | 0.154 | 0.214 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.58 | 21.00 | 1.387 | 62.9 | 1.006 | 0.18 | 0.153 | 0.213 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.59 | 21.00 | 1.384 | 62.9 | 1.006 | 0.14 | 0.140 | 0.195 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.58 | 21.00 | 1.387 | 62.9 | 1.006 | -0.17 | 0.132 | 0.184 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.59 | 21.00 | 1.384 | 62.9 | 1.006 | 0.02 | 0.291 | 0.405 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Right Side | 10mm | Ant 6 | DSI8 | 40620+ 40818 | 2593+ 2612.8 | 19.42 | 21.00 | 1.439 | 62.9 | 1.006 | 0.07 | 0.248 | 0.359 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.58 | 21.00 | 1.387 | 62.9 | 1.006 | 0.17 | 0.289 | 0.403 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.59 | 21.00 | 1.384 | 62.9 | 1.006 | -0.05 | 0.034 | 0.047 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 40620 | 2593 | 19.58 | 21.00 | 1.387 | 62.9 | 1.006 | 0.01 | 0.035 | 0.049 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.08 | 0.124 | 0.134 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.04 | 0.125 | 0.138 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.08 | 0.207 | 0.224 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.17 | 0.196 | 0.217 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | 0.18 | 0.112 | 0.121 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.04 | 0.109 | 0.121 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.08 | 0.014 | 0.015 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.13 | 0.020 | 0.022 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.04 | 0.470 | 0.508 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 40620+ 40818 | 2593+ 2612.8 | 23.79 | 24.70 | 1.233 | 62.9 | 1.006 | 0.09 | 0.403 | 0.500 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.13 | 0.439 | 0.485 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Bottom Side | 10mm | Ant 0 | DSI8 | 40620 | 2593 | 22.41 | 23.00 | 1.146 | - | - | 0.06 | 0.351 | 0.402 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.21 | 19.70 | 1.119 | 62.9 | 1.006 | 0.04 | 0.127 | 0.143 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 10mm | Ant 1 | DSI8 | 40620+ 40818 | 2593+ 2612.8 | 18.91 | 19.70 | 1.199 | 62.9 | 1.006 | 0.09 | 0.114 | 0.138 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.20 | 19.70 | 1.122 | 62.9 | 1.006 | -0.03 | 0.101 | 0.114 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.21 | 19.70 | 1.119 | 62.9 | 1.006 | 0.08 | 0.096 | 0.108 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.20 | 19.70 | 1.122 | 62.9 | 1.006 | -0.07 | 0.096 | 0.108 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.21 | 19.70 | 1.119 | 62.9 | 1.006 | 0.05 | 0.075 | 0.084 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.20 | 19.70 | 1.122 | 62.9 | 1.006 | -0.11 | 0.077 | 0.087 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.21 | 19.70 | 1.119 | 62.9 | 1.006 | -0.12 | 0.035 | 0.039 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 19.20 | 19.70 | 1.122 | 62.9 | 1.006 | 0.03 | 0.000 | 0.000 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 40620 | 2593 | 17.25 | 18.00 | 1.189 | - | - | -0.16 | 0.100 | 0.119 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.44 | 15.70 | 1.062 | - | - | 0.07 | 0.233 | 0.247 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.41 | 15.70 | 1.069 | - | - | 0.15 | 0.251 | 0.268 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.44 | 15.70 | 1.062 | - | - | -0.05 | 0.239 | 0.254 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.41 | 15.70 | 1.069 | - | - | -0.08 | 0.243 | 0.260 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.44 | 15.70 | 1.062 | - | - | -0.08 | 0.086 | 0.091 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.41 | 15.70 | 1.069 | - | - | -0.13 | 0.082 | 0.088 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.44 | 15.70 | 1.062 | - | - | 0 | 0.434 | 0.461 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 5 | DSI8 | 507000 | 2535 | 15.41 | 15.70 | 1.069 | - | - | 0.03 | 0.425 | 0.454 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.17 | 19.70 | 1.130 | - | - | 0.12 | 0.283 | 0.320 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.14 | 19.70 | 1.138 | - | - | 0.02 | 0.263 | 0.299 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.17 | 19.70 | 1.130 | - | - | -0.03 | 0.258 | 0.291 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.14 | 19.70 | 1.138 | - | - | 0 | 0.251 | 0.286 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.17 | 19.70 | 1.130 | - | - | 0.01 | 0.569 | 0.643 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.14 | 19.70 | 1.138 | - | - | -0.1 | 0.531 | 0.604 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.17 | 19.70 | 1.130 | - | - | 0.05 | 0.070 | 0.079 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 6 | DSI8 | 507000 | 2535 | 19.14 | 19.70 | 1.138 | - | - | 0 | 0.087 | 0.099 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | -0.05 | 0.263 | 0.285 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | 0.14 | 0.239 | 0.262 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | -0.01 | 0.372 | 0.403 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | -0.12 | 0.354 | 0.388 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | 0.07 | 0.149 | 0.162 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | 0.09 | 0.140 | 0.154 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | 0.04 | 0.050 | 0.054 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | 0.11 | 0.053 | 0.058 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | 0.02 | 0.786 | 0.852 |
| 31 | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | -0.13 | 0.801 | **0.878** |
| | FR1 n7 Other_PA | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 22.79 | 22.20 | 0.873 | - | - | 0.12 | 0.788 | 0.688 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 507000 | 2535 | 21.41 | 22.00 | 1.146 | - | - | -0.11 | 0.508 | 0.582 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.38 | 20.70 | 1.076 | - | - | 0.17 | 0.178 | 0.192 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.35 | 20.70 | 1.084 | - | - | -0.03 | 0.188 | 0.204 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.38 | 20.70 | 1.076 | - | - | -0.16 | 0.170 | 0.183 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.35 | 20.70 | 1.084 | - | - | -0.17 | 0.181 | 0.196 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.38 | 20.70 | 1.076 | - | - | 0.11 | 0.155 | 0.167 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.35 | 20.70 | 1.084 | - | - | -0.05 | 0.157 | 0.170 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.38 | 20.70 | 1.076 | - | - | -0.01 | 0.000 | 0.000 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 20.35 | 20.70 | 1.084 | - | - | -0.14 | 0.031 | 0.034 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 10mm | Ant 1 | DSI8 | 507000 | 2535 | 18.62 | 19.50 | 1.225 | - | - | -0.15 | 0.113 | 0.138 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.31 | 15.70 | 1.094 | - | - | -0.02 | 0.186 | 0.203 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.29 | 15.70 | 1.099 | - | - | 0.15 | 0.188 | 0.207 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.31 | 15.70 | 1.094 | - | - | -0.09 | 0.164 | 0.179 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.29 | 15.70 | 1.099 | - | - | 0.11 | 0.178 | 0.196 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.31 | 15.70 | 1.094 | - | - | -0.05 | 0.080 | 0.088 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.29 | 15.70 | 1.099 | - | - | -0.08 | 0.072 | 0.079 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.31 | 15.70 | 1.094 | - | - | 0.05 | 0.365 | 0.399 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 5 | DSI8 | 519000 | 2595 | 15.29 | 15.70 | 1.099 | - | - | 0.01 | 0.371 | 0.408 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.22 | 19.00 | 1.197 | - | - | -0.04 | 0.196 | 0.235 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.19 | 19.00 | 1.205 | - | - | 0.15 | 0.182 | 0.219 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.22 | 19.00 | 1.197 | - | - | 0.09 | 0.160 | 0.191 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.19 | 19.00 | 1.205 | - | - | -0.16 | 0.170 | 0.205 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.22 | 19.00 | 1.197 | - | - | 0.05 | 0.240 | 0.287 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.19 | 19.00 | 1.205 | - | - | 0.01 | 0.371 | 0.447 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.22 | 19.00 | 1.197 | - | - | 0.08 | 0.032 | 0.038 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 519000 | 2595 | 18.19 | 19.00 | 1.205 | - | - | -0.18 | 0.030 | 0.036 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.24 | 24.70 | 1.112 | - | - | -0.03 | 0.290 | 0.322 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.20 | 24.70 | 1.122 | - | - | -0.04 | 0.251 | 0.282 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.24 | 24.70 | 1.112 | - | - | -0.09 | 0.427 | 0.475 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.20 | 24.70 | 1.122 | - | - | 0.18 | 0.379 | 0.425 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.24 | 24.70 | 1.112 | - | - | 0.11 | 0.202 | 0.225 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.20 | 24.70 | 1.122 | - | - | 0.07 | 0.194 | 0.218 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.24 | 24.70 | 1.112 | - | - | -0.03 | 0.072 | 0.080 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.20 | 24.70 | 1.122 | - | - | 0.09 | 0.053 | 0.059 |
| 32 | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.24 | 24.70 | 1.112 | - | - | 0.12 | 0.931 | **1.035** |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.20 | 24.70 | 1.122 | - | - | -0.08 | 0.849 | 0.953 |
| | FR1 n38 Other_PA | 40M | BPSK | 100 | 0 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 24.17 | 24.70 | 1.130 | - | - | -0.05 | 0.755 | 0.853 |
| | FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 519000 | 2595 | 22.81 | 23.00 | 1.045 | - | - | -0.03 | 0.585 | 0.611 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.93 | 20.20 | 1.064 | - | - | 0.1 | 0.192 | 0.204 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.91 | 20.20 | 1.069 | - | - | -0.12 | 0.177 | 0.189 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.93 | 20.20 | 1.064 | - | - | -0.17 | 0.189 | 0.201 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.91 | 20.20 | 1.069 | - | - | 0.08 | 0.179 | 0.191 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.93 | 20.20 | 1.064 | - | - | 0.01 | 0.164 | 0.175 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.91 | 20.20 | 1.069 | - | - | 0.02 | 0.127 | 0.136 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.93 | 20.20 | 1.064 | - | - | -0.11 | 0.000 | 0.000 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 19.91 | 20.20 | 1.069 | - | - | -0.01 | 0.000 | 0.000 |
| FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 519000 | 2595 | 17.98 | 18.50 | 1.127 | - | - | 0.09 | 0.126 | 0.142 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.25 | 15.70 | 1.109 | - | - | 0.17 | 0.204 | 0.226 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.21 | 15.70 | 1.119 | - | - | -0.14 | 0.206 | 0.231 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.25 | 15.70 | 1.109 | - | - | 0.06 | 0.208 | 0.231 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.21 | 15.70 | 1.119 | - | - | -0.06 | 0.210 | 0.235 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.25 | 15.70 | 1.109 | - | - | -0.15 | 0.075 | 0.083 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.21 | 15.70 | 1.119 | - | - | -0.12 | 0.069 | 0.077 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.25 | 15.70 | 1.109 | - | - | 0.17 | 0.330 | 0.366 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 5 | DSI8 | 518598 | 2592.99 | 15.21 | 15.70 | 1.119 | - | - | 0.16 | 0.361 | 0.404 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.28 | 19.70 | 1.387 | - | - | 0 | 0.209 | 0.290 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.27 | 19.70 | 1.390 | - | - | -0.13 | 0.228 | 0.317 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.28 | 19.70 | 1.387 | - | - | -0.1 | 0.192 | 0.266 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.27 | 19.70 | 1.390 | - | - | -0.07 | 0.197 | 0.274 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.28 | 19.70 | 1.387 | - | - | 0.11 | 0.359 | 0.498 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.27 | 19.70 | 1.390 | - | - | 0.06 | 0.385 | 0.535 |
| FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.28 | 19.70 | 1.387 | - | - | -0.17 | 0.000 | 0.000 |
| FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 518598 | 2592.99 | 18.27 | 19.70 | 1.390 | - | - | 0.01 | 0.040 | 0.056 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | 0.02 | 0.243 | 0.261 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | 0 | 0.225 | 0.243 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | 0.18 | 0.399 | 0.429 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | -0.11 | 0.345 | 0.372 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | -0.05 | 0.173 | 0.186 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | -0.04 | 0.170 | 0.183 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | -0.08 | 0.068 | 0.073 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | 0 | 0.058 | 0.063 |
| FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | -0.1 | 0.874 | 0.939 |
| FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | -0.14 | 0.736 | 0.794 |
| FR1 n41 Other_PA | 100M | BPSK | 270 | 0 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 23.88 | 24.20 | 1.076 | - | - | 0.01 | 0.765 | 0.823 |
| FR1 n41 Main PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 10mm | Ant 0 | DSI8 | 518598 | 2592.99 | 22.08 | 22.50 | 1.102 | - | - | 0.18 | 0.552 | 0.608 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.12 | 19.70 | 1.143 | - | - | 0.02 | 0.176 | 0.201 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.08 | 19.70 | 1.153 | - | - | 0.04 | **0.177** | 0.204 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.12 | 19.70 | 1.143 | - | - | 0.16 | 0.176 | 0.201 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.08 | 19.70 | 1.153 | - | - | 0.06 | 0.161 | 0.186 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.12 | 19.70 | 1.143 | - | - | -0.02 | 0.138 | 0.158 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.08 | 19.70 | 1.153 | - | - | 0.07 | 0.134 | 0.155 |
| FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.12 | 19.70 | 1.143 | - | - | -0.17 | 0.026 | 0.030 |
| FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 19.08 | 19.70 | 1.153 | - | - | 0.1 | 0.018 | 0.021 |
| FR1 n41 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 518598 | 2592.99 | 17.21 | 18.00 | 1.199 | - | - | 0.08 | 0.111 | 0.133 |
| **3500MHz** | | | | | | | | | | | | | | | | | | | |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.49 | 18.20 | 1.178 | 62.9 | 1.006 | 0.14 | 0.145 | 0.172 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.42 | 18.20 | 1.197 | 62.9 | 1.006 | -0.17 | 0.147 | 0.177 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.49 | 18.20 | 1.178 | 62.9 | 1.006 | 0.17 | 0.089 | 0.105 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.42 | 18.20 | 1.197 | 62.9 | 1.006 | -0.05 | 0.098 | 0.118 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.49 | 18.20 | 1.178 | 62.9 | 1.006 | 0.01 | 0.191 | 0.226 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.42 | 18.20 | 1.197 | 62.9 | 1.006 | 0.1 | 0.197 | 0.237 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.49 | 18.20 | 1.178 | 62.9 | 1.006 | -0.17 | 0.069 | 0.082 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 7 | DSI8 | 42590 | 3500 | 17.42 | 18.20 | 1.197 | 62.9 | 1.006 | 0.04 | 0.071 | 0.085 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.93 | 22.50 | 1.435 | 62.9 | 1.006 | 0.08 | 0.131 | 0.189 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.91 | 22.50 | 1.442 | 62.9 | 1.006 | 0.01 | 0.151 | 0.219 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.93 | 22.50 | 1.435 | 62.9 | 1.006 | 0.03 | 0.139 | 0.201 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.91 | 22.50 | 1.442 | 62.9 | 1.006 | -0.08 | 0.182 | 0.264 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.93 | 22.50 | 1.435 | 62.9 | 1.006 | -0.08 | 0.276 | 0.399 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.91 | 22.50 | 1.442 | 62.9 | 1.006 | -0.03 | 0.333 | 0.483 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.93 | 22.50 | 1.435 | 62.9 | 1.006 | 0.1 | 0.084 | 0.121 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 42590 | 3500 | 20.91 | 22.50 | 1.442 | 62.9 | 1.006 | -0.18 | 0.069 | 0.100 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.37 | 22.00 | 1.455 | 62.9 | 1.006 | 0.1 | 0.157 | 0.230 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.31 | 22.00 | 1.476 | 62.9 | 1.006 | 0.12 | 0.159 | 0.236 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.37 | 22.00 | 1.455 | 62.9 | 1.006 | 0.08 | 0.201 | 0.294 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.31 | 22.00 | 1.476 | 62.9 | 1.006 | -0.17 | 0.204 | 0.303 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.37 | 22.00 | 1.455 | 62.9 | 1.006 | -0.03 | 0.387 | 0.567 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.31 | 22.00 | 1.476 | 62.9 | 1.006 | -0.05 | 0.401 | 0.595 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.37 | 22.00 | 1.455 | 62.9 | 1.006 | 0.14 | 0.037 | 0.054 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 42590 | 3500 | 20.31 | 22.00 | 1.476 | 62.9 | 1.006 | 0.11 | 0.021 | 0.031 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.83 | 16.50 | 1.167 | 62.9 | 1.006 | -0.05 | 0.043 | 0.050 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.81 | 16.50 | 1.172 | 62.9 | 1.006 | 0.18 | 0.055 | 0.065 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.83 | 16.50 | 1.167 | 62.9 | 1.006 | 0.14 | 0.053 | 0.062 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.81 | 16.50 | 1.172 | 62.9 | 1.006 | -0.17 | 0.049 | 0.058 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.83 | 16.50 | 1.167 | 62.9 | 1.006 | 0.17 | 0.037 | 0.043 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.81 | 16.50 | 1.172 | 62.9 | 1.006 | -0.05 | 0.038 | 0.045 |
| LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.83 | 16.50 | 1.167 | 62.9 | 1.006 | 0.01 | 0.129 | 0.151 |
| LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 8 | DSI8 | 42590 | 3500 | 15.81 | 16.50 | 1.172 | 62.9 | 1.006 | 0.1 | 0.131 | 0.154 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.15 | 18.70 | 1.135 | 62.9 | 1.006 | -0.17 | 0.153 | 0.175 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.11 | 18.70 | 1.146 | 62.9 | 1.006 | 0.04 | 0.157 | 0.181 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.15 | 18.70 | 1.135 | 62.9 | 1.006 | -0.01 | 0.122 | 0.139 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.11 | 18.70 | 1.146 | 62.9 | 1.006 | -0.08 | 0.130 | 0.150 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.15 | 18.70 | 1.135 | 62.9 | 1.006 | 0.05 | 0.226 | 0.258 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.11 | 18.70 | 1.146 | 62.9 | 1.006 | 0.06 | 0.256 | 0.295 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.15 | 18.70 | 1.135 | 62.9 | 1.006 | -0.09 | 0.072 | 0.082 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 7 | DSI8 | 55830 | 3609 | 18.11 | 18.70 | 1.146 | 62.9 | 1.006 | -0.08 | 0.083 | 0.096 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.79 | 22.20 | 1.384 | 62.9 | 1.006 | 0.12 | 0.158 | 0.220 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.77 | 22.20 | 1.390 | 62.9 | 1.006 | 0.03 | 0.173 | 0.242 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.79 | 22.20 | 1.384 | 62.9 | 1.006 | 0.18 | 0.172 | 0.239 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.77 | 22.20 | 1.390 | 62.9 | 1.006 | 0.16 | 0.172 | 0.241 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.79 | 22.20 | 1.384 | 62.9 | 1.006 | -0.1 | 0.352 | 0.490 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.77 | 22.20 | 1.390 | 62.9 | 1.006 | -0.09 | 0.361 | 0.505 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.79 | 22.20 | 1.384 | 62.9 | 1.006 | 0.07 | 0.092 | 0.128 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 6 | DSI8 | 55830 | 3609 | 20.77 | 22.20 | 1.390 | 62.9 | 1.006 | 0.18 | 0.051 | 0.071 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.01 | 0.116 | 0.169 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.15 | 0.090 | 0.128 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.19 | 0.133 | 0.194 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.07 | 0.111 | 0.157 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.07 | 0.270 | 0.394 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.18 | 0.223 | 0.316 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.03 | 0.041 | 0.060 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 1 | DSI8 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.15 | 0.039 | 0.055 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.23 | 16.50 | 1.340 | 62.9 | 1.006 | 0.11 | 0.080 | 0.108 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.18 | 16.50 | 1.355 | 62.9 | 1.006 | -0.08 | 0.071 | 0.097 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.23 | 16.50 | 1.340 | 62.9 | 1.006 | -0.17 | 0.072 | 0.097 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.18 | 16.50 | 1.355 | 62.9 | 1.006 | -0.08 | 0.073 | 0.100 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.23 | 16.50 | 1.340 | 62.9 | 1.006 | -0.04 | 0.044 | 0.059 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.18 | 16.50 | 1.355 | 62.9 | 1.006 | -0.08 | 0.045 | 0.061 |
| LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.23 | 16.50 | 1.340 | 62.9 | 1.006 | 0.17 | 0.165 | 0.222 |
| LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 10mm | Ant 8 | DSI8 | 55830 | 3609 | 15.18 | 16.50 | 1.355 | 62.9 | 1.006 | 0.18 | 0.162 | 0.221 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.26 | 18.70 | 1.107 | - | - | -0.1 | 0.185 | 0.205 |
| FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.23 | 18.70 | 1.114 | - | - | 0.18 | 0.191 | 0.213 |
| FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.26 | 18.70 | 1.107 | - | - | -0.17 | 0.224 | 0.248 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.23 | 18.70 | 1.114 | - | - | -0.04 | 0.243 | 0.271 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.26 | 18.70 | 1.107 | - | - | 0.06 | 0.577 | 0.639 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.23 | 18.70 | 1.114 | - | - | -0.05 | 0.517 | 0.576 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.26 | 18.70 | 1.107 | - | - | -0.13 | 0.168 | 0.186 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 641666 | 3624.99 | 18.23 | 18.70 | 1.114 | - | - | -0.01 | 0.154 | 0.172 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.21 | 19.50 | 1.346 | - | - | -0.09 | 0.134 | 0.180 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.19 | 19.50 | 1.352 | - | - | 0.05 | 0.124 | 0.168 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.21 | 19.50 | 1.346 | - | - | 0.02 | 0.132 | 0.178 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.19 | 19.50 | 1.352 | - | - | -0.13 | 0.125 | 0.169 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.21 | 19.50 | 1.346 | - | - | 0.17 | 0.255 | 0.343 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.19 | 19.50 | 1.352 | - | - | 0.06 | 0.200 | 0.270 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.21 | 19.50 | 1.346 | - | - | 0 | 0.052 | 0.070 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 641666 | 3624.99 | 18.19 | 19.50 | 1.352 | - | - | -0.04 | 0.062 | 0.084 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | 0.11 | 0.172 | 0.242 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | -0.02 | 0.209 | 0.299 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | 0.1 | 0.205 | 0.288 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | 0.04 | 0.243 | 0.347 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | 0.13 | 0.346 | 0.486 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | -0.18 | 0.390 | 0.557 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.32 | 22.80 | 1.406 | - | - | -0.11 | 0.063 | 0.089 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 641666 | 3624.99 | 21.25 | 22.80 | 1.429 | - | - | -0.16 | 0.051 | 0.073 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.23 | 13.50 | 1.340 | - | - | 0.01 | 0.065 | 0.087 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.20 | 13.50 | 1.349 | - | - | -0.06 | 0.072 | 0.097 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.23 | 13.50 | 1.340 | - | - | -0.15 | 0.061 | 0.082 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.20 | 13.50 | 1.349 | - | - | 0.03 | 0.067 | 0.090 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.23 | 13.50 | 1.340 | - | - | 0.06 | 0.038 | 0.051 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.20 | 13.50 | 1.349 | - | - | -0.05 | 0.044 | 0.059 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.23 | 13.50 | 1.340 | - | - | -0.01 | 0.122 | 0.163 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 641666 | 3624.99 | 12.20 | 13.50 | 1.349 | - | - | 0.06 | 0.141 | 0.190 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.02 | 0.197 | 0.239 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | -0.05 | 0.174 | 0.212 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.13 | 0.230 | 0.279 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.08 | 0.182 | 0.222 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | 0.16 | 0.452 | 0.548 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.01 | 0.411 | 0.501 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.16 | 0.119 | 0.144 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.1 | 0.088 | 0.107 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 656000 | 3840 | 18.02 | 19.00 | 1.253 | 50 | 1.000 | 0.04 | 0.472 | 0.591 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | -0.04 | 0.211 | 0.242 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.01 | 0.180 | 0.208 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0 | 0.221 | 0.253 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.11 | 0.178 | 0.205 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0.01 | 0.583 | 0.668 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.06 | 0.544 | 0.627 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.35 | 16.00 | 1.161 | - | - | -0.15 | 0.522 | 0.606 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0.03 | 0.244 | 0.280 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.13 | 0.208 | 0.240 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 18.01 | 19.00 | 1.256 | 50 | 1.000 | 0.16 | 0.530 | 0.666 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.70 | 20.00 | 1.349 | - | - | 0.08 | 0.119 | 0.161 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.68 | 20.00 | 1.355 | - | - | 0.01 | 0.104 | 0.141 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.70 | 20.00 | 1.349 | - | - | 0.03 | 0.093 | 0.125 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.68 | 20.00 | 1.355 | - | - | -0.08 | 0.100 | 0.136 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.70 | 20.00 | 1.349 | - | - | -0.08 | 0.313 | 0.422 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.68 | 20.00 | 1.355 | - | - | 0.1 | 0.321 | 0.435 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.70 | 20.00 | 1.349 | - | - | -0.18 | 0.049 | 0.066 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 18.68 | 20.00 | 1.355 | - | - | 0.1 | 0.043 | 0.058 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 656000 | 3840 | 21.66 | 23.00 | 1.361 | 50 | 1.000 | 0.12 | 0.299 | 0.407 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.62 | 20.00 | 1.374 | - | - | -0.17 | 0.088 | 0.121 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.59 | 20.00 | 1.384 | - | - | -0.03 | 0.101 | 0.140 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.62 | 20.00 | 1.374 | - | - | 0.14 | 0.089 | 0.122 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.59 | 20.00 | 1.384 | - | - | 0.11 | 0.089 | 0.123 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.62 | 20.00 | 1.374 | - | - | -0.05 | 0.206 | 0.283 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.59 | 20.00 | 1.384 | - | - | 0.18 | 0.154 | 0.213 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.62 | 20.00 | 1.374 | - | - | 0.14 | 0.032 | 0.044 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 18.59 | 20.00 | 1.384 | - | - | -0.17 | 0.074 | 0.102 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 21.79 | 23.00 | 1.321 | 50 | 1.000 | 0.17 | 0.198 | 0.262 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.92 | 20.00 | 1.282 | - | - | 0.07 | 0.058 | 0.074 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.90 | 20.00 | 1.288 | - | - | 0.15 | 0.059 | 0.076 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.92 | 20.00 | 1.282 | - | - | 0.02 | 0.064 | 0.082 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.90 | 20.00 | 1.288 | - | - | 0.09 | 0.077 | 0.099 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.92 | 20.00 | 1.282 | - | - | 0.01 | 0.105 | 0.135 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.90 | 20.00 | 1.288 | - | - | -0.18 | 0.100 | 0.129 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.92 | 20.00 | 1.282 | - | - | 0.03 | 0.030 | 0.038 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 18.90 | 20.00 | 1.288 | - | - | 0.05 | 0.021 | 0.027 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 22.32 | 23.00 | 1.169 | 50 | 1.000 | 0.01 | 0.120 | 0.140 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 16.55 | 17.00 | 1.109 | - | - | 0.02 | 0.053 | 0.059 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 656000 | 3840 | 19.45 | 20.00 | 1.135 | 50 | 1.000 | 0.09 | 0.056 | 0.064 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | 0.04 | 0.159 | 0.222 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.53 | 20.00 | 1.403 | - | - | 0.11 | 0.131 | 0.184 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | 0.06 | 0.223 | 0.311 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.53 | 20.00 | 1.403 | - | - | 0.06 | 0.167 | 0.234 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | -0.05 | 0.343 | 0.479 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.53 | 20.00 | 1.403 | - | - | -0.13 | 0.236 | 0.331 |
| | FR1 n77 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.45 | 20.00 | 1.429 | - | - | -0.01 | 0.315 | 0.450 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | 0.01 | 0.040 | 0.056 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.53 | 20.00 | 1.403 | - | - | 0.06 | 0.029 | 0.041 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 21.66 | 23.00 | 1.361 | 50 | 1.000 | 0.02 | 0.336 | 0.457 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 15.19 | 17.00 | 1.517 | - | - | 0.12 | 0.245 | 0.372 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.75 | 20.00 | 1.334 | 50 | 1.000 | -0.16 | 0.253 | 0.337 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.51 | 16.00 | 1.409 | - | - | -0.05 | 0.126 | 0.178 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.48 | 16.00 | 1.419 | - | - | 0.01 | 0.138 | 0.196 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.51 | 16.00 | 1.409 | - | - | 0.1 | 0.102 | 0.144 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.48 | 16.00 | 1.419 | - | - | -0.17 | 0.121 | 0.172 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.51 | 16.00 | 1.409 | - | - | 0.04 | 0.094 | 0.132 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.48 | 16.00 | 1.419 | - | - | -0.01 | 0.078 | 0.111 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.51 | 16.00 | 1.409 | - | - | -0.08 | 0.197 | 0.278 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.48 | 16.00 | 1.419 | - | - | 0.05 | 0.199 | 0.282 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 17.01 | 19.00 | 1.581 | 50 | 1.000 | 0.06 | 0.163 | 0.258 |
| | FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 11.38 | 12.50 | 1.294 | - | - | -0.09 | 0.123 | 0.159 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 656000 | 3840 | 14.48 | 15.50 | 1.265 | 50 | 1.000 | -0.08 | 0.136 | 0.172 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.37 | 16.00 | 1.455 | - | - | 0.12 | 0.075 | 0.109 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.35 | 16.00 | 1.462 | - | - | 0.03 | 0.082 | 0.120 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.37 | 16.00 | 1.455 | - | - | 0.18 | 0.066 | 0.096 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.35 | 16.00 | 1.462 | - | - | 0.16 | 0.060 | 0.088 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.37 | 16.00 | 1.455 | - | - | -0.1 | 0.073 | 0.106 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.35 | 16.00 | 1.462 | - | - | 0.07 | 0.056 | 0.082 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.37 | 16.00 | 1.455 | - | - | 0.18 | 0.158 | 0.230 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.35 | 16.00 | 1.462 | - | - | -0.1 | 0.157 | 0.230 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 17.59 | 19.00 | 1.384 | 50 | 1.000 | 0.01 | 0.171 | 0.237 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 11.12 | 12.50 | 1.374 | - | - | -0.15 | 0.095 | 0.131 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.12 | 15.50 | 1.374 | 50 | 1.000 | 0.19 | 0.089 | 0.122 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.74 | 16.50 | 1.191 | - | - | -0.07 | 0.119 | 0.142 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.71 | 16.50 | 1.199 | - | - | 0.11 | 0.105 | 0.126 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.74 | 16.50 | 1.191 | - | - | -0.08 | 0.150 | 0.179 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.71 | 16.50 | 1.199 | - | - | -0.1 | 0.133 | 0.160 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.74 | 16.50 | 1.191 | - | - | -0.01 | 0.327 | 0.390 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.71 | 16.50 | 1.199 | - | - | -0.09 | 0.282 | 0.338 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.74 | 16.50 | 1.191 | - | - | -0.06 | 0.085 | 0.101 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 15.71 | 16.50 | 1.199 | - | - | -0.17 | 0.071 | 0.085 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 650000 | 3750 | 18.38 | 19.50 | 1.294 | 50 | 1.000 | 0.05 | 0.328 | 0.424 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.81 | 16.50 | 1.172 | - | - | -0.07 | 0.164 | 0.192 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.77 | 16.50 | 1.183 | - | - | 0.05 | 0.135 | 0.160 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.81 | 16.50 | 1.172 | - | - | -0.11 | 0.171 | 0.200 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.77 | 16.50 | 1.183 | - | - | -0.12 | 0.133 | 0.157 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.81 | 16.50 | 1.172 | - | - | 0.03 | 0.405 | 0.475 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.77 | 16.50 | 1.183 | - | - | -0.16 | 0.391 | 0.463 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.81 | 16.50 | 1.172 | - | - | -0.02 | 0.140 | 0.164 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 15.77 | 16.50 | 1.183 | - | - | 0.15 | 0.139 | 0.164 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 7 | DSI8 | 633334 | 3500.01 | 18.53 | 19.50 | 1.250 | 50 | 1.000 | -0.09 | 0.371 | 0.464 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.09 | 20.50 | 1.384 | - | - | 0.11 | 0.133 | 0.184 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.01 | 20.50 | 1.409 | - | - | -0.05 | 0.134 | 0.189 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.09 | 20.50 | 1.384 | - | - | -0.08 | 0.127 | 0.176 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.01 | 20.50 | 1.409 | - | - | 0.16 | 0.117 | 0.165 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.09 | 20.50 | 1.384 | - | - | 0.05 | 0.294 | 0.407 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.01 | 20.50 | 1.409 | - | - | -0.01 | 0.340 | 0.479 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.09 | 20.50 | 1.384 | - | - | 0.05 | 0.040 | 0.055 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 19.01 | 20.50 | 1.409 | - | - | -0.03 | 0.052 | 0.073 |
| | FR1 n78 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 650000 | 3750 | 22.10 | 23.50 | 1.380 | 50 | 1.000 | -0.15 | 0.321 | 0.443 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.23 | 20.50 | 1.340 | - | - | 0.07 | 0.125 | 0.167 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.11 | 20.50 | 1.377 | - | - | 0.16 | 0.151 | 0.208 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.23 | 20.50 | 1.340 | - | - | 0.13 | 0.113 | 0.151 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.11 | 20.50 | 1.377 | - | - | -0.18 | 0.140 | 0.193 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.23 | 20.50 | 1.340 | - | - | 0.02 | 0.247 | 0.331 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.11 | 20.50 | 1.377 | - | - | 0.16 | 0.301 | 0.415 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.23 | 20.50 | 1.340 | - | - | -0.03 | 0.034 | 0.046 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 19.11 | 20.50 | 1.377 | - | - | 0.07 | 0.044 | 0.061 |
| | FR1 n78 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 6 | DSI8 | 633334 | 3500.01 | 22.11 | 23.50 | 1.377 | 50 | 1.000 | 0 | 0.305 | 0.420 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.62 | 19.50 | 1.225 | - | - | 0.01 | 0.211 | 0.258 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.60 | 19.50 | 1.230 | - | - | -0.01 | 0.195 | 0.240 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.62 | 19.50 | 1.225 | - | - | -0.06 | 0.218 | 0.267 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.60 | 19.50 | 1.230 | - | - | -0.04 | 0.179 | 0.220 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.62 | 19.50 | 1.225 | - | - | -0.09 | 0.341 | 0.418 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.60 | 19.50 | 1.230 | - | - | -0.17 | 0.255 | 0.314 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.62 | 19.50 | 1.225 | - | - | -0.1 | 0.050 | 0.061 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.60 | 19.50 | 1.230 | - | - | 0.18 | 0.042 | 0.052 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 21.66 | 22.50 | 1.213 | 50 | 1.000 | -0.17 | 0.315 | 0.382 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 15.15 | 16.50 | 1.365 | - | - | -0.04 | 0.165 | 0.225 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 650000 | 3750 | 18.52 | 19.50 | 1.253 | 50 | 1.000 | -0.05 | 0.171 | 0.214 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | -0.13 | 0.329 | 0.387 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | -0.01 | 0.221 | 0.260 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | -0.09 | 0.390 | 0.458 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | 0.05 | 0.299 | 0.351 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | 0.19 | 0.718 | 0.844 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | 0.02 | 0.545 | 0.640 |
| | FR1 n78 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.75 | 19.50 | 1.189 | - | - | 0.01 | 0.658 | 0.782 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | -0.13 | 0.056 | 0.066 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 18.80 | 19.50 | 1.175 | - | - | 0.17 | 0.072 | 0.085 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 22.00 | 22.50 | 1.122 | 50 | 1.000 | 0.06 | 0.698 | 0.783 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 14.89 | 16.50 | 1.449 | - | - | 0 | 0.506 | 0.733 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 10mm | Ant 1 | DSI8 | 633334 | 3500.01 | 17.95 | 19.50 | 1.429 | 50 | 1.000 | -0.04 | 0.478 | 0.683 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.41 | 16.00 | 1.442 | - | - | 0.11 | 0.101 | 0.146 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.38 | 16.00 | 1.452 | - | - | -0.02 | 0.088 | 0.128 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.41 | 16.00 | 1.442 | - | - | 0.1 | 0.079 | 0.114 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.38 | 16.00 | 1.452 | - | - | 0.04 | 0.080 | 0.116 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.41 | 16.00 | 1.442 | - | - | 0.13 | 0.052 | 0.075 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.38 | 16.00 | 1.452 | - | - | -0.18 | 0.065 | 0.094 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.41 | 16.00 | 1.442 | - | - | -0.11 | 0.144 | 0.208 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.38 | 16.00 | 1.452 | - | - | -0.16 | 0.135 | 0.196 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 17.45 | 19.00 | 1.429 | 50 | 1.000 | -0.15 | 0.143 | 0.204 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 11.53 | 12.50 | 1.250 | - | - | -0.06 | 0.097 | 0.121 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 650000 | 3750 | 14.72 | 15.50 | 1.197 | 50 | 1.000 | -0.14 | 0.097 | 0.116 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.42 | 16.00 | 1.439 | - | - | 0.01 | 0.062 | 0.089 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.39 | 16.00 | 1.449 | - | - | 0.06 | 0.063 | 0.091 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.42 | 16.00 | 1.439 | - | - | 0.02 | 0.059 | 0.085 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.39 | 16.00 | 1.449 | - | - | 0.12 | 0.057 | 0.083 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.42 | 16.00 | 1.439 | - | - | -0.16 | 0.042 | 0.060 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.39 | 16.00 | 1.449 | - | - | -0.12 | 0.059 | 0.085 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.42 | 16.00 | 1.439 | - | - | 0.07 | 0.175 | 0.252 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.39 | 16.00 | 1.449 | - | - | -0.02 | 0.150 | 0.217 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 18.40 | 19.00 | 1.148 | 50 | 1.000 | -0.05 | 0.205 | 0.235 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 10.99 | 12.50 | 1.416 | - | - | -0.13 | 0.097 | 0.137 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 10mm | Ant 8 | DSI8 | 633334 | 3500.01 | 14.05 | 15.50 | 1.396 | 50 | 1.000 | 0.08 | 0.089 | 0.124 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2450MHz** | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 10mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | -0.08 | 0.219 | 0.250 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 10mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.17 | 0.188 | 0.215 |
| | WLAN2.4GHz | 802.11b 1Mbps | Right Side | 10mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.07 | 0.455 | 0.520 |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 10mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.03 | 0.170 | 0.194 |
| | Bluetooth | 1Mbps | Front | 10mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.08 | 0.045 | 0.070 |
| | Bluetooth | 1Mbps | Back | 10mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.13 | 0.045 | 0.070 |
| | Bluetooth | 1Mbps | Right Side | 10mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.13 | 0.000 | 0.000 |
| | Bluetooth | 1Mbps | Top Side | 10mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.01 | 0.104 | 0.161 |
| | Bluetooth | 1Mbps | Front | 10mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.06 | 0.035 | 0.051 |
| | Bluetooth | 1Mbps | Back | 10mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | -0.03 | 0.029 | 0.043 |
| | Bluetooth | 1Mbps | Right Side | 10mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.05 | 0.075 | 0.110 |
| | Bluetooth | 1Mbps | Top Side | 10mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.01 | 0.02 | 0.026 |
| **5000MHz** | | | | | | | | | | | | | | | | |
| | WLAN5.2GHz | 802.11a 6Mbps | Front | 10mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.194 | 99.32 | 1.007 | -0.03 | 0.119 | 0.143 |
| | WLAN5.2GHz | 802.11a 6Mbps | Back | 10mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.194 | 99.32 | 1.007 | 0.08 | 0.159 | 0.191 |
| | WLAN5.2GHz | 802.11a 6Mbps | Right Side | 10mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.194 | 99.32 | 1.007 | -0.05 | 0.253 | 0.304 |
| | WLAN5.2GHz | 802.11a 6Mbps | Top Side | 10mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.194 | 99.32 | 1.007 | 0.05 | 0.195 | 0.234 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Front | 10mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | 0.16 | 0.431 | 0.496 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Back | 10mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | 0.05 | 0.510 | 0.587 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Right Side | 10mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | 0.09 | 0.533 | 0.613 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Top Side | 10mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | -0.03 | 0.334 | 0.384 |

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| 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 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.71 | 23.50 | 1.199 | - | - | 0.08 | 0.514 | 0.617 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.65 | 23.50 | 1.216 | - | - | 0.01 | 0.520 | 0.632 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.71 | 23.50 | 1.199 | - | - | 0.03 | 0.155 | 0.186 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.65 | 23.50 | 1.216 | - | - | -0.08 | 0.156 | 0.190 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.71 | 23.50 | 1.199 | - | - | -0.08 | 0.740 | 0.888 |
| 33 | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.65 | 23.50 | 1.216 | - | - | -0.07 | 0.758 | **0.922** |
| | LTE Band 12 | 10M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.62 | 23.50 | 1.225 | - | - | 0.01 | 0.411 | 0.503 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.71 | 23.50 | 1.199 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 23095 | 707.5 | 22.65 | 23.50 | 1.216 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.40 | 23.20 | 1.202 | - | - | -0.09 | 0.065 | 0.078 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.29 | 23.20 | 1.233 | - | - | -0.17 | 0.068 | 0.084 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.40 | 23.20 | 1.202 | - | - | -0.1 | 0.330 | 0.397 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.29 | 23.20 | 1.233 | - | - | 0.09 | 0.346 | 0.427 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.40 | 23.20 | 1.202 | - | - | 0.18 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.29 | 23.20 | 1.233 | - | - | -0.17 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.40 | 23.20 | 1.202 | - | - | -0.04 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.29 | 23.20 | 1.233 | - | - | -0.05 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.40 | 23.20 | 1.202 | - | - | 0 | 0.214 | 0.257 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 23095 | 707.5 | 22.29 | 23.20 | 1.233 | - | - | -0.13 | 0.208 | 0.256 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.08 | 22.70 | 1.153 | - | - | 0.08 | 0.288 | 0.332 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.07 | 22.70 | 1.156 | - | - | 0.16 | 0.336 | 0.388 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.08 | 22.70 | 1.153 | - | - | 0.01 | 0.105 | 0.121 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.07 | 22.70 | 1.156 | - | - | -0.16 | 0.127 | 0.147 |
| 34 | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.08 | 22.70 | 1.153 | - | - | -0.05 | 0.565 | **0.652** |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.07 | 22.70 | 1.156 | - | - | 0.1 | 0.481 | 0.556 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.08 | 22.70 | 1.153 | - | - | -0.04 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.07 | 22.70 | 1.156 | - | - | -0.01 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.08 | 22.70 | 1.153 | - | - | 0 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 141500 | 707.5 | 22.07 | 22.70 | 1.156 | - | - | -0.11 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.69 | 23.20 | 1.125 | - | - | -0.06 | 0.063 | 0.071 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.64 | 23.20 | 1.138 | - | - | -0.15 | 0.067 | 0.076 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.69 | 23.20 | 1.125 | - | - | 0.04 | 0.373 | 0.419 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.64 | 23.20 | 1.138 | - | - | 0.03 | 0.347 | 0.395 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.69 | 23.20 | 1.125 | - | - | -0.13 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.64 | 23.20 | 1.138 | - | - | 0.16 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.69 | 23.20 | 1.125 | - | - | -0.15 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.64 | 23.20 | 1.138 | - | - | -0.02 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.69 | 23.20 | 1.125 | - | - | -0.09 | 0.312 | 0.351 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 141500 | 707.5 | 22.64 | 23.20 | 1.138 | - | - | 0.14 | 0.248 | 0.282 |
| **835MHz** | | | | | | | | | | | | | | | | | | | | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 1 | DSI4 | 189 | 836.4 | 23.82 | 25.00 | 1.312 | - | - | -0.03 | 0.430 | 0.564 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 1 | DSI4 | 189 | 836.4 | 23.82 | 25.00 | 1.312 | - | - | 0.07 | 0.121 | 0.159 |
| 35 | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Right Side | 5mm | Ant 1 | DSI4 | 189 | 836.4 | 23.82 | 25.00 | 1.312 | - | - | 0.02 | 0.507 | **0.665** |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 5mm | Ant 1 | DSI4 | 189 | 836.4 | 23.82 | 25.00 | 1.312 | - | - | 0 | 0.000 | 0.000 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Bottom Side | 5mm | Ant 1 | DSI4 | 189 | 836.4 | 23.82 | 25.00 | 1.312 | - | - | 0.01 | 0.000 | 0.000 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 0 | DSI4 | 189 | 836.4 | 24.68 | 26.00 | 1.355 | - | - | -0.080 | 0.045 | 0.061 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 0 | DSI4 | 189 | 836.4 | 24.68 | 26.00 | 1.355 | - | - | -0.03 | 0.247 | 0.335 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 5mm | Ant 0 | DSI4 | 189 | 836.4 | 24.68 | 26.00 | 1.355 | - | - | 0.100 | 0.000 | 0.000 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Right Side | 5mm | Ant 0 | DSI4 | 189 | 836.4 | 24.68 | 26.00 | 1.355 | - | - | -0.180 | 0.000 | 0.000 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 5mm | Ant 0 | DSI4 | 189 | 836.4 | 24.68 | 26.00 | 1.355 | - | - | 0.100 | 0.152 | 0.206 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | DSI4 | 4182 | 836.4 | 20.45 | 21.50 | 1.274 | - | - | 0.13 | 0.469 | 0.597 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | DSI4 | 4182 | 836.4 | 20.45 | 21.50 | 1.274 | - | - | -0.18 | 0.126 | 0.160 |
| 36 | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 1 | DSI4 | 4182 | 836.4 | 20.45 | 21.50 | 1.274 | - | - | -0.08 | 0.475 | **0.605** |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 1 | DSI4 | 4182 | 836.4 | 20.45 | 21.50 | 1.274 | - | - | 0.02 | 0.000 | 0.000 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 1 | DSI4 | 4182 | 836.4 | 20.45 | 21.50 | 1.274 | - | - | 0.16 | 0.000 | 0.000 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | DSI4 | 4182 | 836.4 | 21.45 | 22.20 | 1.189 | - | - | 0.08 | 0.058 | 0.069 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI4 | 4182 | 836.4 | 21.45 | 22.20 | 1.189 | - | - | 0.05 | 0.304 | 0.361 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 0 | DSI4 | 4182 | 836.4 | 21.45 | 22.20 | 1.189 | - | - | 0.01 | 0.000 | 0.000 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 0 | DSI4 | 4182 | 836.4 | 21.45 | 22.20 | 1.189 | - | - | 0.03 | 0.000 | 0.000 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 0 | DSI4 | 4182 | 836.4 | 21.45 | 22.20 | 1.189 | - | - | -0.08 | 0.180 | 0.214 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | 0.1 | 0.515 | 0.626 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | 0.12 | 0.528 | 0.648 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | 0.08 | 0.176 | 0.214 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | -0.17 | 0.180 | 0.221 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | -0.03 | 0.530 | 0.645 |
| 37 | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | -0.07 | 0.543 | **0.666** |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.65 | 21.50 | 1.216 | - | - | 0.14 | 0.075 | 0.091 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 26865 | 831.5 | 20.61 | 21.50 | 1.227 | - | - | 0.11 | 0.080 | 0.098 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.39 | 22.20 | 1.205 | - | - | -0.01 | 0.058 | 0.070 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.35 | 22.20 | 1.216 | - | - | -0.09 | 0.058 | 0.071 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.39 | 22.20 | 1.205 | - | - | 0.05 | 0.318 | 0.383 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.35 | 22.20 | 1.216 | - | - | 0.02 | 0.337 | 0.410 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.39 | 22.20 | 1.205 | - | - | 0.02 | 0.000 | 0.000 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.35 | 22.20 | 1.216 | - | - | -0.13 | 0.000 | 0.000 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.39 | 22.20 | 1.205 | - | - | 0.17 | 0.000 | 0.000 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.35 | 22.20 | 1.216 | - | - | 0.06 | 0.000 | 0.000 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.39 | 22.20 | 1.205 | - | - | 0 | 0.218 | 0.263 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 26865 | 831.5 | 21.35 | 22.20 | 1.216 | - | - | -0.04 | 0.219 | 0.266 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.37 | 21.70 | 1.079 | - | - | 0.03 | 0.485 | 0.523 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.33 | 21.70 | 1.089 | - | - | -0.1 | 0.506 | 0.551 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.37 | 21.70 | 1.079 | - | - | -0.01 | 0.250 | 0.270 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.33 | 21.70 | 1.089 | - | - | -0.09 | 0.278 | 0.303 |
| 38 | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.37 | 21.70 | 1.079 | - | - | 0.02 | 0.559 | **0.603** |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.33 | 21.70 | 1.089 | - | - | -0.06 | 0.471 | 0.513 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.37 | 21.70 | 1.079 | - | - | -0.17 | 0.062 | 0.067 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.33 | 21.70 | 1.089 | - | - | -0.01 | 0.071 | 0.077 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.37 | 21.70 | 1.079 | - | - | -0.11 | 0.000 | 0.000 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 166300 | 831.5 | 21.33 | 21.70 | 1.089 | - | - | 0.14 | 0.000 | 0.000 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.51 | 22.70 | 1.045 | - | - | 0.1 | 0.061 | 0.064 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.46 | 22.70 | 1.057 | - | - | -0.09 | 0.057 | 0.060 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.51 | 22.70 | 1.045 | - | - | 0.05 | 0.336 | 0.351 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.46 | 22.70 | 1.057 | - | - | 0.07 | 0.310 | 0.328 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.51 | 22.70 | 1.045 | - | - | -0.09 | 0.000 | 0.000 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.46 | 22.70 | 1.057 | - | - | -0.16 | 0.000 | 0.000 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.51 | 22.70 | 1.045 | - | - | -0.18 | 0.000 | 0.000 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.46 | 22.70 | 1.057 | - | - | -0.07 | 0.000 | 0.000 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.51 | 22.70 | 1.045 | - | - | 0.11 | 0.213 | 0.223 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 166300 | 831.5 | 22.46 | 22.70 | 1.057 | - | - | -0.08 | 0.168 | 0.178 |
| **1750MHz** | | | | | | | | | | | | | | | | | | | | |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 5 | DSI4 | 1413 | 1732.6 | 17.66 | 18.50 | 1.213 | - | - | 0.02 | 0.266 | 0.323 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 5 | DSI4 | 1413 | 1732.6 | 17.66 | 18.50 | 1.213 | - | - | 0.07 | 0.069 | 0.084 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 5 | DSI4 | 1413 | 1732.6 | 17.66 | 18.50 | 1.213 | - | - | 0.16 | 0.106 | 0.129 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 5 | DSI4 | 1413 | 1732.6 | 17.66 | 18.50 | 1.213 | - | - | -0.02 | 0.586 | 0.711 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 6 | DSI4 | 1413 | 1732.6 | 16.87 | 18.50 | 1.455 | - | - | 0.16 | 0.270 | 0.393 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 6 | DSI4 | 1413 | 1732.6 | 16.87 | 18.50 | 1.455 | - | - | 0.01 | 0.045 | 0.065 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 6 | DSI4 | 1413 | 1732.6 | 16.87 | 18.50 | 1.455 | - | - | -0.16 | 0.579 | 0.843 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 6 | DSI4 | 1312 | 1712.4 | 16.69 | 18.50 | 1.517 | - | - | 0.1 | 0.574 | 0.871 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39 | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 6 | DSI4 | 1513 | 1752.6 | 16.71 | 18.50 | 1.510 | - | - | 0.03 | 0.605 | **0.914** |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 6 | DSI4 | 1413 | 1732.6 | 16.87 | 18.50 | 1.455 | - | - | -0.04 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 6 | DSI4 | 1413 | 1732.6 | 16.87 | 18.50 | 1.455 | - | - | -0.01 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 0 | DSI4 | 1413 | 1732.6 | 13.12 | 14.80 | 1.472 | - | - | -0.04 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 0 | DSI4 | 1413 | 1732.6 | 13.12 | 14.80 | 1.472 | - | - | -0.08 | 0.124 | 0.183 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 0 | DSI4 | 1413 | 1732.6 | 13.12 | 14.80 | 1.472 | - | - | -0.13 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 0 | DSI4 | 1413 | 1732.6 | 13.12 | 14.80 | 1.472 | - | - | -0.13 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 0 | DSI4 | 1413 | 1732.6 | 13.12 | 14.80 | 1.472 | - | - | 0.03 | 0.228 | 0.336 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 1 | DSI4 | 1413 | 1732.6 | 20.32 | 22.00 | 1.472 | - | - | -0.05 | 0.213 | 0.314 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 1 | DSI4 | 1413 | 1732.6 | 20.32 | 22.00 | 1.472 | - | - | 0.18 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 1 | DSI4 | 1413 | 1732.6 | 20.32 | 22.00 | 1.472 | - | - | 0.14 | 0.487 | 0.717 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 1 | DSI4 | 1413 | 1732.6 | 20.32 | 22.00 | 1.472 | - | - | -0.17 | 0.000 | 0.000 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 1 | DSI4 | 1413 | 1732.6 | 20.32 | 22.00 | 1.472 | - | - | 0.17 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.89 | 17.70 | 1.205 | - | - | -0.05 | 0.154 | 0.186 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.79 | 17.70 | 1.233 | - | - | 0.18 | 0.151 | 0.186 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.89 | 17.70 | 1.205 | - | - | 0.14 | 0.059 | 0.071 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.79 | 17.70 | 1.233 | - | - | -0.17 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.89 | 17.70 | 1.205 | - | - | 0.17 | 0.066 | 0.080 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.79 | 17.70 | 1.233 | - | - | -0.05 | 0.065 | 0.080 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.89 | 17.70 | 1.205 | - | - | 0.01 | 0.465 | 0.560 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 20175 | 1732.5 | 16.79 | 17.70 | 1.233 | - | - | -0.02 | 0.471 | 0.581 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.53 | 19.20 | 1.469 | - | - | 0.11 | 0.318 | 0.467 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.52 | 19.20 | 1.472 | - | - | -0.05 | 0.329 | 0.484 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.53 | 19.20 | 1.469 | - | - | 0.18 | 0.061 | 0.090 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.52 | 19.20 | 1.472 | - | - | 0.14 | 0.060 | 0.088 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.53 | 19.20 | 1.469 | - | - | -0.17 | 0.738 | 1.084 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20050 | 1720 | 17.33 | 19.20 | 1.538 | - | - | 0.01 | 0.635 | 0.977 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20300 | 1745 | 17.28 | 19.20 | 1.556 | - | - | 0.05 | 0.641 | 0.997 |
| 40 | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.52 | 19.20 | 1.472 | - | - | -0.03 | 0.742 | **1.092** |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20050 | 1720 | 17.38 | 19.20 | 1.521 | - | - | 0.04 | 0.658 | 1.001 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20300 | 1745 | 17.27 | 19.20 | 1.560 | - | - | 0.02 | 0.611 | 0.953 |
| | LTE Band 4 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.42 | 19.20 | 1.507 | - | - | 0.17 | 0.722 | 1.088 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.53 | 19.20 | 1.469 | - | - | -0.05 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.52 | 19.20 | 1.472 | - | - | 0.01 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.53 | 19.20 | 1.469 | - | - | 0.1 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 20175 | 1732.5 | 17.52 | 19.20 | 1.472 | - | - | -0.17 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.20 | 14.70 | 1.122 | - | - | -0.02 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.15 | 14.70 | 1.135 | - | - | 0.15 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.20 | 14.70 | 1.122 | - | - | -0.09 | 0.155 | 0.174 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.15 | 14.70 | 1.135 | - | - | 0.11 | 0.157 | 0.178 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.20 | 14.70 | 1.122 | - | - | -0.05 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.15 | 14.70 | 1.135 | - | - | -0.08 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.20 | 14.70 | 1.122 | - | - | 0.16 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.15 | 14.70 | 1.135 | - | - | 0.05 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.20 | 14.70 | 1.122 | - | - | 0.02 | 0.300 | 0.337 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 14.15 | 14.70 | 1.135 | - | - | 0.01 | 0.291 | 0.330 |
| | LTE Band 4 Main PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 20175 | 1732.5 | 11.98 | 13.00 | 1.265 | - | - | -0.03 | 0.180 | 0.228 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.89 | 20.70 | 1.205 | - | - | -0.17 | 0.307 | 0.370 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.85 | 20.70 | 1.216 | - | - | -0.04 | 0.344 | 0.418 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.89 | 20.70 | 1.205 | - | - | -0.05 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.85 | 20.70 | 1.216 | - | - | 0 | 0.000 | 0.000 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.89 | 20.70 | 1.205 | - | - | -0.13 | 0.811 | 0.977 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20050 | 1720 | 19.71 | 20.70 | 1.256 | - | - | 0.01 | 0.736 | 0.924 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20300 | 1745 | 19.62 | 20.70 | 1.282 | - | - | 0.03 | 0.741 | 0.950 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.85 | 20.70 | 1.216 | - | - | -0.01 | 0.809 | 0.984 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20050 | 1720 | 19.81 | 20.70 | 1.227 | - | - | 0.02 | 0.751 | 0.922 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20300 | 1745 | 19.80 | 20.70 | 1.230 | - | - | 0.05 | 0.746 | 0.918 |
| | LTE Band 4 Other_PA | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.83 | 20.70 | 1.222 | - | - | -0.07 | 0.881 | 1.076 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.89 | 20.70 | 1.205 | - | - | -0.09 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 19.85 | 20.70 | 1.216 | - | - | 0.05 | 0.000 | 0.000 |
| | LTE Band 4 Main PA | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20175 | 1732.5 | 17.52 | 19.00 | 1.406 | - | - | 0.02 | 0.575 | 0.808 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.39 | 18.20 | 1.205 | - | - | 0.1 | 0.163 | 0.196 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.38 | 18.20 | 1.208 | - | - | -0.17 | 0.160 | 0.193 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.39 | 18.20 | 1.205 | - | - | 0.04 | 0.048 | 0.058 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.38 | 18.20 | 1.208 | - | - | -0.01 | 0.047 | 0.057 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.39 | 18.20 | 1.205 | - | - | -0.08 | 0.072 | 0.087 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.38 | 18.20 | 1.208 | - | - | 0.05 | 0.075 | 0.091 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.39 | 18.20 | 1.205 | - | - | -0.05 | 0.519 | 0.625 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 132322 | 1745 | 17.38 | 18.20 | 1.208 | - | - | 0.06 | 0.512 | 0.618 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.47 | 19.20 | 1.489 | - | - | 0.04 | 0.267 | 0.398 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.43 | 19.20 | 1.503 | - | - | -0.01 | 0.277 | 0.416 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.47 | 19.20 | 1.489 | - | - | -0.08 | 0.044 | 0.066 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.43 | 19.20 | 1.503 | - | - | 0.05 | 0.049 | 0.074 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.47 | 19.20 | 1.489 | - | - | 0.06 | 0.603 | 0.898 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132072 | 1720 | 17.32 | 19.20 | 1.542 | - | - | -0.09 | 0.689 | 1.062 |
| 41 | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132572 | 1770 | 17.45 | 19.20 | 1.496 | - | - | -0.08 | 0.731 | **1.094** |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.43 | 19.20 | 1.503 | - | - | -0.08 | 0.687 | 1.033 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132072 | 1720 | 17.30 | 19.20 | 1.549 | - | - | 0.13 | 0.672 | 1.041 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132572 | 1770 | 17.40 | 19.20 | 1.514 | - | - | 0.12 | 0.718 | 1.087 |
| | LTE Band 66 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.38 | 19.20 | 1.521 | - | - | 0.03 | 0.699 | 1.063 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.47 | 19.20 | 1.489 | - | - | 0.18 | 0.000 | 0.000 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.43 | 19.20 | 1.503 | - | - | 0.16 | 0.000 | 0.000 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.47 | 19.20 | 1.489 | - | - | -0.1 | 0.000 | 0.000 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 132322 | 1745 | 17.43 | 19.20 | 1.503 | - | - | 0.07 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.35 | 13.70 | 1.084 | - | - | 0 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.32 | 13.70 | 1.091 | - | - | 0.01 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.35 | 13.70 | 1.084 | - | - | -0.01 | 0.124 | 0.134 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.32 | 13.70 | 1.091 | - | - | -0.06 | 0.134 | 0.146 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.35 | 13.70 | 1.084 | - | - | -0.04 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.32 | 13.70 | 1.091 | - | - | -0.09 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.35 | 13.70 | 1.084 | - | - | -0.17 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.32 | 13.70 | 1.091 | - | - | -0.1 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.35 | 13.70 | 1.084 | - | - | 0.18 | 0.222 | 0.241 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 13.32 | 13.70 | 1.091 | - | - | 0.02 | 0.227 | 0.248 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 132322 | 1745 | 10.55 | 12.00 | 1.396 | - | - | 0.02 | 0.160 | 0.223 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.97 | 19.20 | 1.054 | - | - | -0.13 | 0.258 | 0.272 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.91 | 19.20 | 1.069 | - | - | 0.17 | 0.305 | 0.326 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.97 | 19.20 | 1.054 | - | - | 0.06 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.91 | 19.20 | 1.069 | - | - | 0 | 0.000 | 0.000 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.97 | 19.20 | 1.054 | - | - | -0.04 | 0.601 | 0.634 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.91 | 19.20 | 1.069 | - | - | -0.04 | 0.637 | 0.681 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.97 | 19.20 | 1.054 | - | - | -0.15 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 18.91 | 19.20 | 1.069 | - | - | 0.11 | 0.000 | 0.000 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 132322 | 1745 | 15.54 | 17.20 | 1.466 | - | - | 0.01 | 0.426 | 0.624 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.32 | 18.70 | 1.091 | - | - | 0.12 | 0.201 | 0.219 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.30 | 18.70 | 1.096 | - | - | 0.03 | 0.204 | 0.224 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.32 | 18.70 | 1.091 | - | - | 0.18 | 0.070 | 0.076 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.30 | 18.70 | 1.096 | - | - | 0.16 | 0.071 | 0.078 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.32 | 18.70 | 1.091 | - | - | -0.1 | 0.125 | 0.136 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.30 | 18.70 | 1.096 | - | - | 0.07 | 0.147 | 0.161 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.32 | 18.70 | 1.091 | - | - | 0.18 | 0.672 | 0.733 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.30 | 18.70 | 1.096 | - | - | -0.02 | 0.721 | 0.791 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 349000 | 1745 | 18.25 | 18.70 | 1.109 | - | - | -0.1 | 0.696 | 0.772 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.85 | 19.20 | 1.365 | - | - | -0.08 | 0.223 | 0.304 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.81 | 19.20 | 1.377 | - | - | 0.16 | 0.240 | 0.331 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.85 | 19.20 | 1.365 | - | - | 0.05 | 0.063 | 0.086 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.81 | 19.20 | 1.377 | - | - | 0.05 | 0.058 | 0.080 |
| 42 | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.85 | 19.20 | 1.365 | - | - | -0.08 | 0.797 | **1.088** |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.81 | 19.20 | 1.377 | - | - | -0.03 | 0.717 | 0.987 |
| | FR1 n66 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.77 | 19.20 | 1.390 | - | - | -0.15 | 0.734 | 1.020 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.85 | 19.20 | 1.365 | - | - | 0.02 | 0.000 | 0.000 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.81 | 19.20 | 1.377 | - | - | 0.07 | 0.000 | 0.000 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.85 | 19.20 | 1.365 | - | - | 0.16 | 0.041 | 0.056 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 349000 | 1745 | 17.81 | 19.20 | 1.377 | - | - | 0.13 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.35 | 13.70 | 1.084 | - | - | -0.09 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.34 | 13.70 | 1.086 | - | - | 0.05 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.35 | 13.70 | 1.084 | - | - | 0.02 | 0.077 | 0.083 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.34 | 13.70 | 1.086 | - | - | -0.13 | 0.098 | 0.106 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.35 | 13.70 | 1.084 | - | - | 0.17 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.34 | 13.70 | 1.086 | - | - | 0.06 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.35 | 13.70 | 1.084 | - | - | 0 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.34 | 13.70 | 1.086 | - | - | -0.04 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.35 | 13.70 | 1.084 | - | - | -0.15 | 0.158 | 0.171 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 13.34 | 13.70 | 1.086 | - | - | 0.04 | 0.168 | 0.183 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 349000 | 1745 | 10.71 | 12.20 | 1.409 | - | - | 0.06 | 0.261 | 0.368 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.08 | 0.269 | 0.298 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | 0.01 | 0.361 | 0.403 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.03 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | -0.08 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | -0.08 | 0.673 | 0.746 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | -0.02 | 0.825 | 0.921 |
| | FR1 n66 Other PA | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.18 | 19.70 | 1.127 | - | - | -0.18 | 0.822 | 0.927 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.1 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | 0.12 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.25 | 19.70 | 1.109 | - | - | 0.08 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 19.22 | 19.70 | 1.117 | - | - | -0.17 | 0.000 | 0.000 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 349000 | 1745 | 16.24 | 17.50 | 1.337 | - | - | -0.03 | 0.608 | 0.813 |
| **1900MHz** | | | | | | | | | | | | | | | | | | | | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 5 | DSI4 | 661 | 1880 | 19.65 | 21.50 | 1.531 | - | - | -0.01 | 0.228 | 0.349 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 5 | DSI4 | 661 | 1880 | 19.65 | 21.50 | 1.531 | - | - | -0.06 | 0.076 | 0.116 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Right Side | 5mm | Ant 5 | DSI4 | 661 | 1880 | 19.65 | 21.50 | 1.531 | - | - | -0.04 | 0.100 | 0.153 |
| 43 | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 5mm | Ant 5 | DSI4 | 661 | 1880 | 19.65 | 21.50 | 1.531 | - | - | -0.08 | 0.626 | **0.958** |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 5mm | Ant 5 | DSI4 | 512 | 1850.2 | 19.58 | 21.50 | 1.556 | - | - | 0.01 | 0.556 | 0.865 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 5mm | Ant 5 | DSI4 | 810 | 1909.8 | 19.61 | 21.50 | 1.545 | - | - | 0.03 | 0.539 | 0.833 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 5mm | Ant 6 | DSI4 | 661 | 1880 | 22.75 | 23.50 | 1.189 | - | - | 0 | 0.310 | 0.368 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 5mm | Ant 6 | DSI4 | 661 | 1880 | 22.75 | 23.50 | 1.189 | - | - | -0.11 | 0.065 | 0.077 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 5mm | Ant 6 | DSI4 | 661 | 1880 | 22.75 | 23.50 | 1.189 | - | - | 0.01 | 0.720 | 0.856 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Top Side | 5mm | Ant 6 | DSI4 | 661 | 1880 | 22.75 | 23.50 | 1.189 | - | - | -0.06 | 0.000 | 0.000 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Bottom Side | 5mm | Ant 6 | DSI4 | 661 | 1880 | 22.75 | 23.50 | 1.189 | - | - | -0.15 | 0.000 | 0.000 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 5mm | Ant 6 | DSI4 | 512 | 1850.2 | 22.61 | 23.50 | 1.227 | - | - | 0.02 | 0.656 | 0.805 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Left Side | 5mm | Ant 6 | DSI4 | 810 | 1909.8 | 22.52 | 23.50 | 1.253 | - | - | 0.03 | 0.605 | 0.758 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 5 | DSI4 | 9400 | 1880 | 17.64 | 18.50 | 1.219 | - | - | 0.16 | 0.328 | 0.400 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 5 | DSI4 | 9400 | 1880 | 17.64 | 18.50 | 1.219 | - | - | 0.05 | 0.094 | 0.115 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Right Side | 5mm | Ant 5 | DSI4 | 9400 | 1880 | 17.64 | 18.50 | 1.219 | - | - | 0.05 | 0.139 | 0.169 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 5 | DSI4 | 9400 | 1880 | 17.64 | 18.50 | 1.219 | - | - | -0.03 | 0.723 | 0.881 |
| 44 | WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 5 | DSI4 | 9262 | 1852.4 | 17.58 | 18.50 | 1.236 | - | - | -0.07 | 0.764 | **0.944** |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 5 | DSI4 | 9538 | 1907.6 | 17.46 | 18.50 | 1.271 | - | - | -0.15 | 0.622 | 0.790 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 5mm | Ant 6 | DSI4 | 9400 | 1880 | 17.09 | 18.50 | 1.384 | - | - | 0.12 | 0.295 | 0.408 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 5mm | Ant 6 | DSI4 | 9400 | 1880 | 17.09 | 18.50 | 1.384 | - | - | 0.08 | 0.064 | 0.089 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 6 | DSI4 | 9400 | 1880 | 17.09 | 18.50 | 1.384 | - | - | -0.09 | 0.614 | 0.850 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Top Side | 5mm | Ant 6 | DSI4 | 9400 | 1880 | 17.09 | 18.50 | 1.384 | - | - | -0.17 | 0.000 | 0.000 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Bottom Side | 5mm | Ant 6 | DSI4 | 9400 | 1880 | 17.09 | 18.50 | 1.384 | - | - | -0.03 | 0.000 | 0.000 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 6 | DSI4 | 9262 | 1852.4 | 16.96 | 18.50 | 1.426 | - | - | 0.01 | 0.531 | 0.757 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Side | 5mm | Ant 6 | DSI4 | 9538 | 1907.6 | 16.92 | 18.50 | 1.439 | - | - | 0.02 | 0.526 | 0.757 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.63 | 18.50 | 1.222 | - | - | -0.09 | 0.200 | 0.244 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.56 | 18.50 | 1.242 | - | - | -0.08 | 0.203 | 0.252 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.63 | 18.50 | 1.222 | - | - | 0.13 | 0.086 | 0.105 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.56 | 18.50 | 1.242 | - | - | 0.12 | 0.084 | 0.104 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.63 | 18.50 | 1.222 | - | - | 0.03 | 0.097 | 0.119 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.56 | 18.50 | 1.242 | - | - | 0.18 | 0.099 | 0.123 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.63 | 18.50 | 1.222 | - | - | 0.16 | 0.667 | 0.815 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 18700 | 1860 | 17.34 | 18.50 | 1.306 | - | - | -0.1 | 0.644 | 0.841 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 19100 | 1900 | 17.37 | 18.50 | 1.297 | - | - | 0.07 | 0.614 | 0.796 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.56 | 18.50 | 1.242 | - | - | 0.18 | 0.647 | 0.803 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 18700 | 1860 | 17.35 | 18.50 | 1.303 | - | - | -0.02 | 0.661 | 0.861 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 19100 | 1900 | 17.43 | 18.50 | 1.279 | - | - | -0.1 | 0.620 | 0.793 |
| | LTE Band 2 | 20M | QPSK | 100 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 18900 | 1880 | 17.48 | 18.50 | 1.265 | - | - | 0.01 | 0.631 | 0.798 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.90 | 19.50 | 1.445 | - | - | 0.03 | 0.242 | 0.350 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.86 | 19.50 | 1.459 | - | - | -0.13 | 0.229 | 0.334 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.90 | 19.50 | 1.445 | - | - | 0.16 | 0.046 | 0.066 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.86 | 19.50 | 1.459 | - | - | -0.15 | 0.046 | 0.067 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.90 | 19.50 | 1.445 | - | - | -0.02 | 0.583 | 0.843 |
| 45 | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 18700 | 1860 | 17.76 | 19.50 | 1.493 | - | - | 0.12 | 0.609 | **0.909** |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 19100 | 1900 | 17.73 | 19.50 | 1.503 | - | - | -0.09 | 0.542 | 0.815 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.86 | 19.50 | 1.459 | - | - | 0.14 | 0.550 | 0.802 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 18700 | 1860 | 17.83 | 19.50 | 1.469 | - | - | 0.1 | 0.607 | 0.892 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 19100 | 1900 | 17.78 | 19.50 | 1.486 | - | - | -0.09 | 0.529 | 0.786 |
| | LTE Band 2 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.84 | 19.50 | 1.466 | - | - | 0.07 | 0.554 | 0.812 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.90 | 19.50 | 1.445 | - | - | -0.09 | 0.054 | 0.078 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.86 | 19.50 | 1.459 | - | - | -0.16 | 0.059 | 0.086 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.90 | 19.50 | 1.445 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 18900 | 1880 | 17.86 | 19.50 | 1.459 | - | - | -0.07 | 0.000 | 0.000 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 17.01 | 17.80 | 1.199 | - | - | -0.01 | 0.240 | 0.288 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 16.99 | 17.80 | 1.205 | - | - | 0 | 0.226 | 0.272 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 17.01 | 17.80 | 1.199 | - | - | -0.11 | 0.094 | 0.113 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 16.99 | 17.80 | 1.205 | - | - | -0.06 | 0.093 | 0.112 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 17.01 | 17.80 | 1.199 | - | - | -0.15 | 0.141 | 0.169 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 16.99 | 17.80 | 1.205 | - | - | 0.03 | 0.118 | 0.142 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 17.01 | 17.80 | 1.199 | - | - | -0.08 | 0.684 | 0.820 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 16.99 | 17.80 | 1.205 | - | - | -0.13 | 0.644 | 0.776 |
| | FR1 n2 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 376000 | 1880 | 16.94 | 17.80 | 1.219 | - | - | 0.01 | 0.605 | 0.737 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.95 | 20.20 | 1.334 | - | - | 0.05 | 0.227 | 0.303 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.91 | 20.20 | 1.346 | - | - | -0.11 | 0.214 | 0.288 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.95 | 20.20 | 1.334 | - | - | -0.12 | 0.065 | 0.087 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.91 | 20.20 | 1.346 | - | - | 0.03 | 0.064 | 0.086 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.95 | 20.20 | 1.334 | - | - | -0.16 | 0.730 | 0.973 |
| 46 | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.91 | 20.20 | 1.346 | - | - | -0.08 | 0.745 | **1.003** |
| | FR1 n2 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.84 | 20.20 | 1.368 | - | - | -0.02 | 0.726 | 0.993 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.95 | 20.20 | 1.334 | - | - | 0.15 | 0.071 | 0.095 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.91 | 20.20 | 1.346 | - | - | -0.09 | 0.071 | 0.096 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.95 | 20.20 | 1.334 | - | - | 0.11 | 0.000 | 0.000 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 376000 | 1880 | 18.91 | 20.20 | 1.346 | - | - | -0.05 | 0.000 | 0.000 |
| **2600MHz** | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.59 | 17.20 | 1.151 | - | - | -0.16 | 0.241 | 0.277 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.49 | 17.20 | 1.178 | - | - | -0.02 | 0.247 | 0.291 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.59 | 17.20 | 1.151 | - | - | 0.15 | 0.072 | 0.083 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.49 | 17.20 | 1.178 | - | - | -0.09 | 0.073 | 0.086 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.59 | 17.20 | 1.151 | - | - | 0.11 | 0.147 | 0.169 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.49 | 17.20 | 1.178 | - | - | -0.05 | 0.152 | 0.179 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.59 | 17.20 | 1.151 | - | - | -0.08 | 0.593 | 0.682 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Top Side | 5mm | Ant 5 | DSI4 | 21100+ 21298 | 2535+ 2554.8 | 16.21 | 17.20 | 1.256 | - | - | 0.05 | 0.523 | 0.657 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 21100 | 2535 | 16.49 | 17.20 | 1.178 | - | - | -0.09 | 0.569 | 0.670 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.45 | 17.20 | 1.496 | - | - | 0.18 | 0.231 | 0.346 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.43 | 17.20 | 1.503 | - | - | -0.1 | 0.231 | 0.347 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.45 | 17.20 | 1.496 | - | - | 0.01 | 0.070 | 0.105 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.43 | 17.20 | 1.503 | - | - | -0.15 | 0.068 | 0.102 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.45 | 17.20 | 1.496 | - | - | -0.03 | 0.592 | 0.886 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 6 | DSI4 | 21100+ 21298 | 2535+ 2554.8 | 15.21 | 17.20 | 1.581 | - | - | 0.09 | 0.541 | 0.855 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 20850 | 2510 | 15.42 | 17.20 | 1.507 | - | - | 0.01 | 0.521 | 0.785 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 21350 | 2560 | 15.32 | 17.20 | 1.542 | - | - | 0.02 | 0.512 | 0.789 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.43 | 17.20 | 1.503 | - | - | 0.19 | 0.522 | 0.785 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.35 | 17.20 | 1.531 | - | - | 0.05 | 0.501 | 0.767 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.45 | 17.20 | 1.496 | - | - | 0.07 | 0.000 | 0.000 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.43 | 17.20 | 1.503 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.45 | 17.20 | 1.496 | - | - | 0.03 | 0.000 | 0.000 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 21100 | 2535 | 15.43 | 17.20 | 1.503 | - | - | -0.15 | 0.000 | 0.000 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.21 | 16.70 | 1.119 | - | - | 0.11 | 0.000 | 0.000 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.17 | 16.70 | 1.130 | - | - | -0.08 | 0.000 | 0.000 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.21 | 16.70 | 1.119 | - | - | -0.1 | 0.124 | 0.139 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.17 | 16.70 | 1.130 | - | - | -0.01 | 0.110 | 0.124 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.21 | 16.70 | 1.119 | - | - | -0.09 | 0.000 | 0.000 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.17 | 16.70 | 1.130 | - | - | -0.06 | 0.000 | 0.000 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.21 | 16.70 | 1.119 | - | - | -0.17 | 0.055 | 0.062 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.17 | 16.70 | 1.130 | - | - | -0.01 | 0.042 | 0.047 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.21 | 16.70 | 1.119 | - | - | 0.03 | 0.350 | 0.392 |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Top Side | 5mm | Ant 0 | DSI4 | 21100+ 21298 | 2535+ 2554.8 | 15.85 | 16.70 | 1.216 | - | - | 0.08 | 0.315 | 0.383 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 16.17 | 16.70 | 1.130 | - | - | -0.11 | 0.346 | 0.391 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 21100 | 2535 | 14.34 | 15.50 | 1.306 | - | - | 0.14 | 0.213 | 0.278 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.15 | 21.70 | 1.135 | - | - | -0.02 | 0.483 | 0.548 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.14 | 21.70 | 1.138 | - | - | 0.1 | 0.492 | 0.560 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.15 | 21.70 | 1.135 | - | - | 0.04 | 0.159 | 0.180 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.14 | 21.70 | 1.138 | - | - | 0.13 | 0.156 | 0.177 |
| 47 | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.15 | 21.70 | 1.135 | - | - | -0.18 | 0.812 | **0.922** |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Right Side | 5mm | Ant 1 | DSI4 | 21100+ 21298 | 2535+ 2554.8 | 21.03 | 21.70 | 1.167 | - | - | 0.09 | 0.745 | 0.869 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20850 | 2510 | 20.93 | 21.70 | 1.194 | - | - | 0.06 | 0.750 | 0.895 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 21350 | 2560 | 20.95 | 21.70 | 1.189 | - | - | 0.01 | 0.745 | 0.885 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.14 | 21.70 | 1.138 | - | - | -0.09 | 0.810 | 0.921 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 20850 | 2510 | 20.94 | 21.70 | 1.191 | - | - | -0.15 | 0.594 | 0.708 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 21350 | 2560 | 20.97 | 21.70 | 1.183 | - | - | -0.06 | 0.669 | 0.791 |
| | LTE Band 7 Other_PA | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.12 | 21.70 | 1.143 | - | - | -0.14 | 0.654 | 0.747 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.15 | 21.70 | 1.135 | - | - | -0.19 | 0.045 | 0.051 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 21.14 | 21.70 | 1.138 | - | - | 0.01 | 0.046 | 0.052 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 21100 | 2535 | 19.38 | 20.50 | 1.294 | - | - | 0.06 | 0.486 | 0.629 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.33 | 18.70 | 1.089 | 62.9 | 1.006 | -0.15 | 0.267 | 0.292 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.29 | 18.70 | 1.099 | 62.9 | 1.006 | 0.19 | 0.315 | 0.348 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.33 | 18.70 | 1.089 | 62.9 | 1.006 | 0.07 | 0.059 | 0.065 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.29 | 18.70 | 1.099 | 62.9 | 1.006 | -0.18 | 0.056 | 0.062 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.33 | 18.70 | 1.089 | 62.9 | 1.006 | 0.03 | 0.148 | 0.162 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.29 | 18.70 | 1.099 | 62.9 | 1.006 | -0.15 | 0.153 | 0.169 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.33 | 18.70 | 1.089 | 62.9 | 1.006 | -0.15 | 0.686 | 0.751 |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Top Side | 5mm | Ant 5 | DSI4 | 37901+ 38099 | 2585.1+ 2604.9 | 18.08 | 18.70 | 1.153 | 62.9 | 1.006 | -0.15 | 0.686 | 0.796 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 38000 | 2595 | 18.29 | 18.70 | 1.099 | 62.9 | 1.006 | -0.02 | 0.669 | 0.740 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.99 | 20.50 | 1.416 | 62.9 | 1.006 | 0.08 | 0.268 | 0.382 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.94 | 20.50 | 1.432 | 62.9 | 1.006 | 0.01 | 0.290 | 0.418 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.99 | 20.50 | 1.416 | 62.9 | 1.006 | 0.03 | 0.110 | 0.157 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.94 | 20.50 | 1.432 | 62.9 | 1.006 | -0.08 | 0.114 | 0.164 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.99 | 20.50 | 1.416 | 62.9 | 1.006 | -0.08 | 0.700 | 0.997 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 37850 | 2580 | 18.97 | 20.50 | 1.422 | 62.9 | 1.006 | 0.1 | 0.626 | 0.896 |
| 48 | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 38150 | 2610 | 18.91 | 20.50 | 1.442 | 62.9 | 1.006 | -0.18 | 0.740 | **1.074** |
| | LTE Band 38C | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 38150+ 37952 | 2610+ 2590.2 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | 0.06 | 0.712 | 1.057 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.94 | 20.50 | 1.432 | 62.9 | 1.006 | 0.1 | 0.664 | 0.957 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 37850 | 2580 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | 0.12 | 0.656 | 0.963 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 38150 | 2610 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | -0.15 | 0.714 | 1.048 |
| | LTE Band 38 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.87 | 20.50 | 1.455 | 62.9 | 1.006 | 0.08 | 0.661 | 0.968 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.99 | 20.50 | 1.416 | 62.9 | 1.006 | -0.17 | 0.032 | 0.046 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.94 | 20.50 | 1.432 | 62.9 | 1.006 | -0.03 | 0.000 | 0.000 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.99 | 20.50 | 1.416 | 62.9 | 1.006 | 0.14 | 0.040 | 0.057 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 38000 | 2595 | 18.94 | 20.50 | 1.432 | 62.9 | 1.006 | 0.11 | 0.045 | 0.065 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.34 | 19.70 | 1.086 | 62.9 | 1.006 | -0.15 | 0.000 | 0.000 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.25 | 19.70 | 1.109 | 62.9 | 1.006 | 0.02 | 0.000 | 0.000 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.34 | 19.70 | 1.086 | 62.9 | 1.006 | 0.07 | 0.137 | 0.150 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.25 | 19.70 | 1.109 | 62.9 | 1.006 | 0.16 | 0.156 | 0.174 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.34 | 19.70 | 1.086 | 62.9 | 1.006 | 0.13 | 0.000 | 0.000 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.25 | 19.70 | 1.109 | 62.9 | 1.006 | -0.18 | 0.000 | 0.000 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.34 | 19.70 | 1.086 | 62.9 | 1.006 | 0.02 | 0.092 | 0.101 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.25 | 19.70 | 1.109 | 62.9 | 1.006 | 0.16 | 0.098 | 0.109 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.34 | 19.70 | 1.086 | 62.9 | 1.006 | 0.07 | 0.407 | 0.445 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Top Side | 5mm | Ant 0 | DSI4 | 37901+ 38099 | 2585.1+ 2604.9 | 19.01 | 19.70 | 1.172 | 62.9 | 1.006 | 0.02 | 0.354 | 0.417 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 19.25 | 19.70 | 1.109 | 62.9 | 1.006 | -0.03 | 0.391 | 0.436 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 38000 | 2595 | 17.39 | 18.00 | 1.151 | - | - | 0.07 | 0.293 | 0.337 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.17 | 22.70 | 1.130 | 62.9 | 1.006 | 0.02 | 0.501 | 0.569 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.11 | 22.70 | 1.146 | 62.9 | 1.006 | 0.12 | 0.507 | 0.584 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.17 | 22.70 | 1.130 | 62.9 | 1.006 | -0.16 | 0.162 | 0.184 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.11 | 22.70 | 1.146 | 62.9 | 1.006 | -0.12 | 0.164 | 0.189 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.17 | 22.70 | 1.130 | 62.9 | 1.006 | 0.07 | 0.803 | 0.913 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Right Side | 5mm | Ant 1 | DSI4 | 37901+38099 | 2585.1+2604.9 | 21.89 | 22.70 | 1.205 | 62.9 | 1.006 | 0.04 | 0.741 | 0.898 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 37850 | 2580 | 22.02 | 22.70 | 1.169 | 62.9 | 1.006 | 0.05 | 0.712 | 0.838 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 38150 | 2610 | 22.01 | 22.70 | 1.172 | 62.9 | 1.006 | 0.01 | 0.716 | 0.844 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.11 | 22.70 | 1.146 | 62.9 | 1.006 | -0.08 | 0.791 | 0.912 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 37850 | 2580 | 22.10 | 22.70 | 1.148 | 62.9 | 1.006 | 0.06 | 0.715 | 0.826 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 38150 | 2610 | 22.09 | 22.70 | 1.151 | 62.9 | 1.006 | 0.05 | 0.704 | 0.815 |
| | LTE Band 38 Other_PA | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.10 | 22.70 | 1.148 | 62.9 | 1.006 | -0.11 | 0.722 | 0.834 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.17 | 22.70 | 1.130 | 62.9 | 1.006 | -0.02 | 0.073 | 0.083 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 22.11 | 22.70 | 1.146 | 62.9 | 1.006 | -0.05 | 0.069 | 0.080 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 38000 | 2595 | 20.25 | 21.00 | 1.189 | - | - | -0.13 | 0.510 | 0.606 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.35 | 18.70 | 1.084 | 62.9 | 1.006 | -0.08 | 0.250 | 0.273 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.26 | 18.70 | 1.107 | 62.9 | 1.006 | 0.17 | 0.220 | 0.245 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.35 | 18.70 | 1.084 | 62.9 | 1.006 | 0.18 | 0.043 | 0.047 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.26 | 18.70 | 1.107 | 62.9 | 1.006 | -0.04 | 0.046 | 0.051 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.35 | 18.70 | 1.084 | 62.9 | 1.006 | -0.08 | 0.116 | 0.126 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.26 | 18.70 | 1.107 | 62.9 | 1.006 | -0.13 | 0.115 | 0.128 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.35 | 18.70 | 1.084 | 62.9 | 1.006 | -0.13 | 0.536 | 0.584 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Top Side | 5mm | Ant 5 | DSI4 | 40620+40818 | 2593+2612.8 | 18.08 | 18.70 | 1.153 | 62.9 | 1.006 | 0.06 | 0.499 | 0.579 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.26 | 18.70 | 1.107 | 62.9 | 1.006 | 0.08 | 0.532 | 0.592 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Top Side | 5mm | Ant 5 | DSI4 | 40620 | 2593 | 18.26 | 18.70 | 1.107 | 62.9 | 1.006 | 0.03 | 0.528 | 0.588 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.09 | 19.50 | 1.384 | 62.9 | 1.006 | -0.15 | 0.222 | 0.309 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.05 | 19.50 | 1.396 | 62.9 | 1.006 | 0.11 | 0.230 | 0.323 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.09 | 19.50 | 1.384 | 62.9 | 1.006 | -0.08 | 0.086 | 0.120 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.05 | 19.50 | 1.396 | 62.9 | 1.006 | -0.17 | 0.088 | 0.124 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.09 | 19.50 | 1.384 | 62.9 | 1.006 | -0.08 | 0.571 | 0.795 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Left Side | 5mm | Ant 6 | DSI4 | 40620+40818 | 2593+2612.8 | 18.01 | 19.50 | 1.409 | 62.9 | 1.006 | 0.05 | 0.514 | 0.729 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 39750 | 2506 | 17.93 | 19.50 | 1.435 | 62.9 | 1.006 | 0.08 | 0.524 | 0.757 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 40185 | 2549.5 | 17.73 | 19.50 | 1.503 | 62.9 | 1.006 | 0.01 | 0.513 | 0.776 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 41055 | 2636.5 | 17.94 | 19.50 | 1.432 | 62.9 | 1.006 | 0.03 | 0.506 | 0.729 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 41490 | 2680 | 17.91 | 19.50 | 1.442 | 62.9 | 1.006 | -0.08 | 0.509 | 0.738 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.05 | 19.50 | 1.396 | 62.9 | 1.006 | -0.04 | 0.558 | 0.784 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 39750 | 2506 | 17.90 | 19.50 | 1.445 | 62.9 | 1.006 | 0.08 | 0.522 | 0.759 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 40185 | 2549.5 | 17.84 | 19.50 | 1.466 | 62.9 | 1.006 | 0.01 | 0.514 | 0.758 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 41055 | 2636.5 | 18.00 | 19.50 | 1.413 | 62.9 | 1.006 | 0.06 | 0.509 | 0.723 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 41490 | 2680 | 17.83 | 19.50 | 1.469 | 62.9 | 1.006 | 0.02 | 0.508 | 0.751 |
| | LTE Band 41 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.06 | 19.50 | 1.393 | 62.9 | 1.006 | 0.09 | 0.514 | 0.720 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.09 | 19.50 | 1.384 | 62.9 | 1.006 | -0.04 | 0.000 | 0.000 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.05 | 19.50 | 1.396 | 62.9 | 1.006 | -0.08 | 0.000 | 0.000 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.09 | 19.50 | 1.384 | 62.9 | 1.006 | 0.17 | 0.050 | 0.070 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 40620 | 2593 | 18.05 | 19.50 | 1.396 | 62.9 | 1.006 | 0.18 | 0.000 | 0.000 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.89 | 19.20 | 1.074 | 62.9 | 1.006 | 0.03 | 0.023 | 0.025 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.87 | 19.20 | 1.079 | 62.9 | 1.006 | 0.1 | 0.023 | 0.025 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.89 | 19.20 | 1.074 | 62.9 | 1.006 | 0.16 | 0.114 | 0.123 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Other_PA | | | | | | | | | | | | | | | | | | | |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.87 | 19.20 | 1.079 | 62.9 | 1.006 | -0.06 | 0.122 | 0.132 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.89 | 19.20 | 1.074 | 62.9 | 1.006 | 0.02 | 0.000 | 0.000 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.87 | 19.20 | 1.079 | 62.9 | 1.006 | -0.16 | 0.000 | 0.000 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.89 | 19.20 | 1.074 | 62.9 | 1.006 | 0.05 | 0.064 | 0.069 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.87 | 19.20 | 1.079 | 62.9 | 1.006 | -0.03 | 0.065 | 0.071 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.89 | 19.20 | 1.074 | 62.9 | 1.006 | -0.06 | 0.368 | 0.398 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Top Side | 5mm | Ant 0 | DSI4 | 40620+ 40818 | 2593+ 2612.8 | 18.55 | 19.20 | 1.161 | 62.9 | 1.006 | 0.04 | 0.322 | 0.376 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 18.87 | 19.20 | 1.079 | 62.9 | 1.006 | 0.01 | 0.301 | 0.327 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 0 | DSI4 | 40620 | 2593 | 16.79 | 17.50 | 1.178 | - | - | -0.18 | 0.234 | 0.276 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.71 | 22.20 | 1.119 | 62.9 | 1.006 | -0.06 | 0.320 | 0.360 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.68 | 22.20 | 1.127 | 62.9 | 1.006 | 0.02 | 0.331 | 0.375 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.71 | 22.20 | 1.119 | 62.9 | 1.006 | 0.16 | 0.109 | 0.123 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.68 | 22.20 | 1.127 | 62.9 | 1.006 | 0.06 | 0.100 | 0.113 |
| 49 | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.71 | 22.20 | 1.119 | 62.9 | 1.006 | 0.01 | 0.782 | **0.881** |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Right Side | 5mm | Ant 1 | DSI4 | 40620+ 40818 | 2593+ 2612.8 | 21.46 | 22.20 | 1.186 | 62.9 | 1.006 | 0.06 | 0.674 | 0.804 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 39750 | 2506 | 21.60 | 22.20 | 1.148 | 62.9 | 1.006 | 0.01 | 0.612 | 0.707 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 40185 | 2549.5 | 21.45 | 22.20 | 1.189 | 62.9 | 1.006 | 0.09 | 0.605 | 0.723 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 41055 | 2636.5 | 21.28 | 22.20 | 1.236 | 62.9 | 1.006 | 0.02 | 0.593 | 0.737 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 41490 | 2680 | 21.34 | 22.20 | 1.219 | 62.9 | 1.006 | 0.05 | 0.712 | 0.873 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.68 | 22.20 | 1.127 | 62.9 | 1.006 | 0.19 | 0.708 | 0.803 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 39750 | 2506 | 21.60 | 22.20 | 1.148 | 62.9 | 1.006 | -0.06 | 0.523 | 0.604 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 40185 | 2549.5 | 21.47 | 22.20 | 1.183 | 62.9 | 1.006 | 0 | 0.572 | 0.681 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 41055 | 2636.5 | 21.60 | 22.20 | 1.148 | 62.9 | 1.006 | -0.03 | 0.577 | 0.666 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 41490 | 2680 | 21.50 | 22.20 | 1.175 | 62.9 | 1.006 | 0.01 | 0.735 | 0.869 |
| | LTE Band 41 Other_PA | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.56 | 22.20 | 1.159 | 62.9 | 1.006 | 0.07 | 0.551 | 0.642 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.71 | 22.20 | 1.119 | 62.9 | 1.006 | -0.12 | 0.052 | 0.059 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 21.68 | 22.20 | 1.127 | 62.9 | 1.006 | -0.03 | 0.058 | 0.066 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 40620 | 2593 | 19.75 | 20.50 | 1.189 | - | - | 0.02 | 0.451 | 0.536 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.43 | 16.70 | 1.064 | - | - | 0.12 | 0.210 | 0.223 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.40 | 16.70 | 1.072 | - | - | 0.02 | 0.236 | 0.253 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.43 | 16.70 | 1.064 | - | - | -0.03 | 0.092 | 0.098 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.40 | 16.70 | 1.072 | - | - | 0 | 0.077 | 0.083 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.43 | 16.70 | 1.064 | - | - | -0.1 | 0.158 | 0.168 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.40 | 16.70 | 1.072 | - | - | 0.05 | 0.151 | 0.162 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.43 | 16.70 | 1.064 | - | - | 0 | 0.414 | 0.441 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 5 | DSI4 | 507000 | 2535 | 16.40 | 16.70 | 1.072 | - | - | -0.14 | 0.426 | 0.456 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.63 | 18.20 | 1.140 | - | - | 0.15 | 0.206 | 0.235 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.52 | 18.20 | 1.169 | - | - | -0.05 | 0.197 | 0.230 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.63 | 18.20 | 1.140 | - | - | -0.08 | 0.093 | 0.106 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.52 | 18.20 | 1.169 | - | - | -0.08 | 0.103 | 0.120 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.63 | 18.20 | 1.140 | - | - | -0.02 | 0.710 | 0.810 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.52 | 18.20 | 1.169 | - | - | -0.13 | 0.595 | 0.696 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Left Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.58 | 18.20 | 1.153 | - | - | 0.01 | 0.651 | 0.751 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.63 | 18.20 | 1.140 | - | - | 0.01 | 0.000 | 0.000 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.52 | 18.20 | 1.169 | - | - | -0.11 | 0.000 | 0.000 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.63 | 18.20 | 1.140 | - | - | 0.03 | 0.000 | 0.000 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 507000 | 2535 | 17.52 | 18.20 | 1.169 | - | - | -0.05 | 0.000 | 0.000 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.35 | 17.70 | 1.084 | - | - | -0.01 | 0.000 | 0.000 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.33 | 17.70 | 1.089 | - | - | -0.12 | 0.000 | 0.000 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.35 | 17.70 | 1.084 | - | - | 0.07 | 0.108 | 0.117 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.33 | 17.70 | 1.089 | - | - | 0.09 | 0.099 | 0.108 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.35 | 17.70 | 1.084 | - | - | 0.04 | 0.000 | 0.000 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Left Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.33 | 17.70 | 1.089 | - | - | 0.11 | 0.000 | 0.000 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.35 | 17.70 | 1.084 | - | - | -0.13 | 0.047 | 0.051 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.33 | 17.70 | 1.089 | - | - | 0.12 | 0.048 | 0.052 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.35 | 17.70 | 1.084 | - | - | -0.11 | 0.279 | 0.302 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 17.33 | 17.70 | 1.089 | - | - | -0.03 | 0.285 | 0.310 |
| FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 0 | DSI4 | 507000 | 2535 | 15.85 | 16.50 | 1.161 | - | - | 0.09 | 0.149 | 0.173 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | -0.17 | 0.373 | 0.406 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | 0.11 | 0.367 | 0.402 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | -0.05 | 0.119 | 0.130 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | -0.01 | 0.118 | 0.129 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | -0.14 | 0.431 | 0.469 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | -0.03 | **0.602** | 0.660 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | -0.12 | 0.056 | 0.061 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Top Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | -0.17 | 0.057 | 0.062 |
| FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | 0.08 | 0.046 | 0.050 |
| FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | 0.01 | 0.050 | 0.055 |
| FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Right Side | 5mm | Ant 1 | DSI4 | 507000 | 2535 | 19.78 | 20.50 | 1.180 | - | - | 0.02 | 0.391 | 0.462 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.82 | 17.20 | 1.091 | - | - | 0.1 | 0.361 | 0.394 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.77 | 17.20 | 1.104 | - | - | -0.04 | 0.274 | 0.303 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.82 | 17.20 | 1.091 | - | - | 0.15 | 0.083 | 0.091 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.77 | 17.20 | 1.104 | - | - | 0.09 | 0.074 | 0.082 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.82 | 17.20 | 1.091 | - | - | -0.16 | 0.236 | 0.258 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.77 | 17.20 | 1.104 | - | - | 0.05 | 0.236 | 0.261 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.82 | 17.20 | 1.091 | - | - | -0.04 | 0.636 | 0.694 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI4 | 519000 | 2595 | 16.77 | 17.20 | 1.104 | - | - | 0.08 | 0.621 | 0.686 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.76 | 18.50 | 1.186 | - | - | -0.03 | 0.216 | 0.256 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.74 | 18.50 | 1.191 | - | - | -0.04 | 0.215 | 0.256 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.76 | 18.50 | 1.186 | - | - | -0.09 | 0.158 | 0.187 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.74 | 18.50 | 1.191 | - | - | 0.18 | 0.162 | 0.193 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.76 | 18.50 | 1.186 | - | - | 0.11 | 0.703 | 0.834 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.74 | 18.50 | 1.191 | - | - | -0.05 | 0.721 | 0.859 |
| FR1 n38 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.72 | 18.50 | 1.197 | - | - | 0.01 | 0.621 | 0.743 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.76 | 18.50 | 1.186 | - | - | 0.07 | 0.000 | 0.000 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.74 | 18.50 | 1.191 | - | - | -0.03 | 0.000 | 0.000 |
| FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.76 | 18.50 | 1.186 | - | - | 0.09 | 0.052 | 0.062 |
| FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 519000 | 2595 | 17.74 | 18.50 | 1.191 | - | - | -0.08 | 0.057 | 0.068 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.58 | 17.70 | 1.028 | - | - | 0.01 | 0.000 | 0.000 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.54 | 17.70 | 1.038 | - | - | 0.1 | 0.000 | 0.000 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.58 | 17.70 | 1.028 | - | - | -0.17 | 0.145 | 0.149 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.54 | 17.70 | 1.038 | - | - | 0.04 | 0.122 | 0.127 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.58 | 17.70 | 1.028 | - | - | -0.01 | 0.061 | 0.063 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.54 | 17.70 | 1.038 | - | - | -0.08 | 0.049 | 0.051 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.58 | 17.70 | 1.028 | - | - | 0.05 | 0.071 | 0.073 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.54 | 17.70 | 1.038 | - | - | 0.06 | 0.068 | 0.071 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.58 | 17.70 | 1.028 | - | - | 0.07 | 0.382 | 0.393 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 17.54 | 17.70 | 1.038 | - | - | -0.09 | 0.314 | 0.326 |
| FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 0 | DSI4 | 519000 | 2595 | 15.87 | 16.00 | 1.030 | - | - | -0.08 | 0.220 | 0.227 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | 0.08 | 0.443 | 0.474 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | 0.01 | 0.445 | 0.479 |
| FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | 0.03 | 0.107 | 0.114 |
| FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | -0.08 | 0.099 | 0.107 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | -0.08 | 0.612 | 0.654 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | -0.04 | 0.729 | 0.785 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | -0.18 | 0.059 | 0.063 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | 0.1 | 0.083 | 0.089 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | 0.12 | 0.054 | 0.058 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | 0.08 | 0.055 | 0.059 |
| | FR1 n38 Main PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 519000 | 2595 | 19.13 | 19.50 | 1.089 | - | - | -0.17 | 0.443 | 0.482 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | 0.1 | 0.260 | 0.291 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | -0.17 | 0.280 | 0.316 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | 0.04 | 0.093 | 0.104 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | -0.01 | 0.076 | 0.086 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | -0.08 | 0.205 | 0.229 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | 0.05 | 0.208 | 0.234 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.71 | 16.20 | 1.119 | - | - | -0.04 | 0.483 | 0.541 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 5 | DSI4 | 518598 | 2592.99 | 15.68 | 16.20 | 1.127 | - | - | 0.06 | 0.452 | 0.509 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.43 | 18.70 | 1.340 | - | - | -0.03 | 0.327 | 0.438 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.40 | 18.70 | 1.349 | - | - | 0.14 | 0.321 | 0.433 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.43 | 18.70 | 1.340 | - | - | 0.11 | 0.144 | 0.193 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.40 | 18.70 | 1.349 | - | - | -0.05 | 0.156 | 0.210 |
| 50 | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.43 | 18.70 | 1.340 | - | - | -0.15 | 0.803 | **1.076** |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.40 | 18.70 | 1.349 | - | - | 0.18 | 0.743 | 1.002 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.38 | 18.70 | 1.355 | - | - | 0.14 | 0.764 | 1.035 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.43 | 18.70 | 1.340 | - | - | -0.17 | 0.000 | 0.000 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.40 | 18.70 | 1.349 | - | - | 0.17 | 0.000 | 0.000 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.43 | 18.70 | 1.340 | - | - | -0.05 | 0.000 | 0.000 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 518598 | 2592.99 | 17.40 | 18.70 | 1.349 | - | - | 0.01 | 0.045 | 0.061 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.92 | 18.20 | 1.067 | - | - | -0.09 | 0.040 | 0.043 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.88 | 18.20 | 1.076 | - | - | -0.08 | 0.000 | 0.000 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.92 | 18.20 | 1.067 | - | - | 0.13 | 0.153 | 0.163 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.88 | 18.20 | 1.076 | - | - | 0.12 | 0.127 | 0.137 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.92 | 18.20 | 1.067 | - | - | 0.03 | 0.000 | 0.000 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.88 | 18.20 | 1.076 | - | - | 0.18 | 0.000 | 0.000 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.92 | 18.20 | 1.067 | - | - | 0.16 | 0.079 | 0.084 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.88 | 18.20 | 1.076 | - | - | -0.1 | 0.079 | 0.085 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.92 | 18.20 | 1.067 | - | - | 0.07 | 0.415 | 0.443 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 17.88 | 18.20 | 1.076 | - | - | 0.18 | 0.320 | 0.344 |
| | FR1 n41 Main PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 0 | DSI4 | 518598 | 2592.99 | 16.09 | 16.50 | 1.099 | - | - | -0.1 | 0.232 | 0.255 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | 0.01 | 0.433 | 0.498 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | -0.15 | 0.398 | 0.460 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | 0.19 | 0.099 | 0.114 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | 0.07 | 0.100 | 0.116 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | -0.18 | 0.582 | 0.670 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | -0.08 | 0.744 | 0.860 |
| | FR1 n41 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.47 | 21.20 | 1.183 | - | - | 0.03 | 0.620 | 0.733 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | -0.15 | 0.050 | 0.058 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | -0.15 | 0.066 | 0.076 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.59 | 21.20 | 1.151 | - | - | 0.11 | 0.059 | 0.068 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 20.57 | 21.20 | 1.156 | - | - | -0.08 | 0.057 | 0.066 |
| | FR1 n41 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 518598 | 2592.99 | 18.78 | 19.50 | 1.180 | - | - | -0.17 | 0.441 | 0.521 |
| **3500MHz** | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.08 | 0.192 | 0.229 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.92 | 18.70 | 1.197 | 62.9 | 1.006 | -0.04 | 0.234 | 0.282 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.08 | 0.038 | 0.045 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.92 | 18.70 | 1.197 | 62.9 | 1.006 | 0.17 | 0.045 | 0.054 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | 0.18 | 0.245 | 0.292 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.92 | 18.70 | 1.197 | 62.9 | 1.006 | -0.04 | 0.287 | 0.346 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.96 | 18.70 | 1.186 | 62.9 | 1.006 | -0.08 | 0.184 | 0.219 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 7 | DSI4 | 42590 | 3500 | 17.92 | 18.70 | 1.197 | 62.9 | 1.006 | -0.13 | 0.217 | 0.261 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.02 | 20.50 | 1.406 | 62.9 | 1.006 | 0.03 | 0.246 | 0.348 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.01 | 20.50 | 1.409 | 62.9 | 1.006 | 0.18 | 0.256 | 0.363 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.02 | 20.50 | 1.406 | 62.9 | 1.006 | 0.16 | 0.041 | 0.058 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.01 | 20.50 | 1.409 | 62.9 | 1.006 | -0.1 | 0.059 | 0.084 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.02 | 20.50 | 1.406 | 62.9 | 1.006 | 0.07 | 0.604 | 0.854 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42190 | 3460 | 18.73 | 20.50 | 1.503 | 62.9 | 1.006 | 0.18 | 0.521 | 0.788 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42990 | 3540 | 18.69 | 20.50 | 1.517 | 62.9 | 1.006 | -0.1 | 0.660 | 1.007 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.01 | 20.50 | 1.409 | 62.9 | 1.006 | 0.01 | 0.635 | 0.900 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42190 | 3460 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | -0.15 | 0.549 | 0.815 |
| 51 | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42990 | 3540 | 18.64 | 20.50 | 1.535 | 62.9 | 1.006 | 0.04 | 0.704 | **1.087** |
| | LTE Band 42 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 18.89 | 20.50 | 1.449 | 62.9 | 1.006 | 0.19 | 0.643 | 0.937 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.02 | 20.50 | 1.406 | 62.9 | 1.006 | 0.07 | 0.038 | 0.054 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.01 | 20.50 | 1.409 | 62.9 | 1.006 | -0.18 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.02 | 20.50 | 1.406 | 62.9 | 1.006 | 0.03 | 0.064 | 0.091 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 42590 | 3500 | 19.01 | 20.50 | 1.409 | 62.9 | 1.006 | -0.15 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | -0.13 | 0.195 | 0.286 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | 0.06 | 0.221 | 0.328 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | -0.03 | 0.065 | 0.095 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | -0.03 | 0.062 | 0.092 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | 0.08 | 0.558 | 0.819 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | 0.01 | 0.501 | 0.735 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | 0.03 | 0.489 | 0.718 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | -0.07 | 0.493 | 0.732 |
| | LTE Band 42 | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.76 | 20.50 | 1.493 | 62.9 | 1.006 | -0.07 | 0.435 | 0.653 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | 0.05 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | -0.11 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.86 | 20.50 | 1.459 | 62.9 | 1.006 | -0.12 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 1 | DSI4 | 42590 | 3500 | 18.81 | 20.50 | 1.476 | 62.9 | 1.006 | 0.03 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.96 | 18.50 | 1.132 | 62.9 | 1.006 | -0.02 | 0.063 | 0.072 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.86 | 18.50 | 1.159 | 62.9 | 1.006 | 0.15 | 0.121 | 0.141 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.96 | 18.50 | 1.132 | 62.9 | 1.006 | -0.09 | 0.030 | 0.034 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.86 | 18.50 | 1.159 | 62.9 | 1.006 | 0.11 | 0.054 | 0.063 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.96 | 18.50 | 1.132 | 62.9 | 1.006 | -0.05 | 0.051 | 0.058 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.86 | 18.50 | 1.159 | 62.9 | 1.006 | -0.08 | 0.085 | 0.099 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.96 | 18.50 | 1.132 | 62.9 | 1.006 | 0.16 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.86 | 18.50 | 1.159 | 62.9 | 1.006 | 0.05 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.96 | 18.50 | 1.132 | 62.9 | 1.006 | 0.05 | 0.367 | 0.418 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 42590 | 3500 | 17.86 | 18.50 | 1.159 | 62.9 | 1.006 | -0.03 | 0.489 | 0.570 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | -0.15 | 0.512 | 0.579 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.67 | 18.20 | 1.130 | 62.9 | 1.006 | 0.02 | 0.483 | 0.549 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | 0.07 | 0.058 | 0.066 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.67 | 18.20 | 1.130 | 62.9 | 1.006 | 0.16 | 0.062 | 0.070 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | 0.13 | 0.763 | 0.863 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 55340 | 3560 | 17.38 | 18.20 | 1.208 | 62.9 | 1.006 | -0.18 | 0.757 | 0.920 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 56150 | 3641 | 17.51 | 18.20 | 1.172 | 62.9 | 1.006 | 0.02 | 0.660 | 0.778 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 56640 | 3690 | 17.31 | 18.20 | 1.227 | 62.9 | 1.006 | 0.16 | 0.604 | 0.746 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.67 | 18.20 | 1.130 | 62.9 | 1.006 | -0.03 | 0.719 | 0.817 |
| 52 | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 55340 | 3560 | 17.45 | 18.20 | 1.189 | 62.9 | 1.006 | -0.03 | 0.779 | **0.931** |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 56150 | 3641 | 17.60 | 18.20 | 1.148 | 62.9 | 1.006 | 0.07 | 0.681 | 0.787 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 56640 | 3690 | 17.59 | 18.20 | 1.151 | 62.9 | 1.006 | 0 | 0.599 | 0.693 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.52 | 18.20 | 1.169 | 62.9 | 1.006 | 0.01 | 0.713 | 0.839 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.69 | 18.20 | 1.125 | 62.9 | 1.006 | -0.01 | 0.378 | 0.428 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 7 | DSI4 | 55830 | 3609 | 17.67 | 18.20 | 1.130 | 62.9 | 1.006 | -0.06 | 0.346 | 0.393 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | -0.09 | 0.235 | 0.324 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | -0.17 | 0.231 | 0.347 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | -0.1 | 0.067 | 0.092 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0.18 | 0.038 | 0.057 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | -0.17 | 0.552 | 0.761 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 55340 | 3560 | 22.61 | 24.20 | 1.442 | 62.9 | 1.006 | 0.02 | 0.501 | 0.727 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 56150 | 3641 | 22.42 | 24.20 | 1.507 | 62.9 | 1.006 | 0.03 | 0.506 | 0.767 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 56640 | 3690 | 22.58 | 24.20 | 1.452 | 62.9 | 1.006 | 0.01 | 0.489 | 0.714 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | -0.04 | **0.555** | 0.833 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 55340 | 3560 | 22.35 | 24.20 | 1.531 | 62.9 | 1.006 | 0.05 | 0.504 | 0.776 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 56150 | 3641 | 22.30 | 24.20 | 1.549 | 62.9 | 1.006 | 0.01 | 0.512 | 0.798 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 56640 | 3690 | 22.39 | 24.20 | 1.517 | 62.9 | 1.006 | 0.06 | 0.514 | 0.784 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Left Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.40 | 24.20 | 1.514 | 62.9 | 1.006 | 0.03 | 0.509 | 0.775 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | -0.05 | 0.043 | 0.059 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0 | 0.046 | 0.069 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.83 | 24.20 | 1.371 | 62.9 | 1.006 | -0.13 | 0.048 | 0.066 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 6 | DSI4 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | -0.01 | 0.068 | 0.102 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.05 | 0.216 | 0.315 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.02 | 0.166 | 0.235 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | -0.13 | 0.067 | 0.098 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.17 | 0.059 | 0.084 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | -0.01 | 0.532 | 0.775 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 55340 | 3560 | 22.05 | 23.80 | 1.496 | 62.9 | 1.006 | 0.06 | 0.509 | 0.766 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 56150 | 3641 | 22.01 | 23.80 | 1.510 | 62.9 | 1.006 | 0 | 0.413 | 0.627 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 56640 | 3690 | 22.15 | 23.80 | 1.462 | 62.9 | 1.006 | -0.04 | 0.351 | 0.516 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.15 | 0.406 | 0.576 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Right Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 21.07 | 22.80 | 1.489 | 62.9 | 1.006 | 0.11 | 0.409 | 0.613 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | -0.02 | 0.049 | 0.071 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.1 | 0.031 | 0.044 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Bottom Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.04 | 0.050 | 0.073 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Bottom Side | 5mm | Ant 1 | DSI4 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.13 | 0.000 | 0.000 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | -0.11 | 0.140 | 0.186 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | -0.16 | 0.148 | 0.198 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | -0.15 | 0.067 | 0.089 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | -0.06 | 0.065 | 0.087 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Left Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | -0.14 | 0.115 | 0.153 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Left Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | -0.19 | 0.102 | 0.136 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Right Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | 0.01 | 0.000 | 0.000 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Right Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | 0.06 | 0.000 | 0.000 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.29 | 18.50 | 1.321 | 62.9 | 1.006 | 0.02 | 0.519 | 0.690 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 55340 | 3560 | 17.15 | 18.50 | 1.365 | 62.9 | 1.006 | -0.08 | 0.452 | 0.620 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 56150 | 3641 | 17.11 | 18.50 | 1.377 | 62.9 | 1.006 | 0.1 | 0.411 | 0.569 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 56640 | 3690 | 17.05 | 18.50 | 1.396 | 62.9 | 1.006 | -0.18 | 0.425 | 0.597 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.27 | 18.50 | 1.327 | 62.9 | 1.006 | 0.12 | 0.522 | 0.697 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 55340 | 3560 | 17.24 | 18.50 | 1.337 | 62.9 | 1.006 | 0.1 | 0.409 | 0.550 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 56150 | 3641 | 17.09 | 18.50 | 1.384 | 62.9 | 1.006 | 0.12 | 0.416 | 0.579 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 56640 | 3690 | 17.07 | 18.50 | 1.390 | 62.9 | 1.006 | 0.08 | 0.425 | 0.594 |
| | LTE Band 48 | 20M | QPSK | 100 | 0 | - | Top Side | 5mm | Ant 8 | DSI4 | 55830 | 3609 | 17.25 | 18.50 | 1.334 | 62.9 | 1.006 | -0.17 | 0.437 | 0.586 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | 0.08 | 0.228 | 0.255 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | 0.01 | 0.248 | 0.281 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | 0.03 | 0.035 | 0.039 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | -0.08 | 0.000 | 0.000 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | -0.08 | 0.545 | 0.609 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | 0.1 | 0.518 | 0.587 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.72 | 15.20 | 1.117 | - | - | -0.18 | 0.187 | 0.209 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 641666 | 3624.99 | 14.66 | 15.20 | 1.132 | - | - | 0.1 | 0.164 | 0.186 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.17 | 19.50 | 1.358 | - | - | 0.07 | 0.284 | 0.386 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.14 | 19.50 | 1.368 | - | - | -0.09 | 0.265 | 0.362 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.17 | 19.50 | 1.358 | - | - | -0.16 | 0.053 | 0.072 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.14 | 19.50 | 1.368 | - | - | -0.18 | 0.056 | 0.077 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.17 | 19.50 | 1.358 | - | - | -0.07 | 0.664 | 0.902 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 638000 | 3570 | 18.14 | 19.50 | 1.368 | | | 0.06 | 0.622 | 0.851 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 645332 | 3679.98 | 17.95 | 19.50 | 1.429 | | | 0.01 | 0.605 | 0.864 |
| 53 | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.14 | 19.50 | 1.368 | - | - | 0.02 | 0.789 | **1.079** |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 638000 | 3570 | 17.85 | 19.50 | 1.462 | | | 0.05 | 0.711 | 1.040 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 645332 | 3679.98 | 17.89 | 19.50 | 1.449 | | | 0.07 | 0.705 | 1.021 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.11 | 19.50 | 1.377 | - | - | -0.08 | 0.708 | 0.975 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.17 | 19.50 | 1.358 | - | - | -0.1 | 0.049 | 0.067 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.14 | 19.50 | 1.368 | - | - | -0.01 | 0.058 | 0.079 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.17 | 19.50 | 1.358 | - | - | -0.09 | 0.053 | 0.072 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 641666 | 3624.99 | 18.14 | 19.50 | 1.368 | - | - | -0.06 | 0.061 | 0.083 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.36 | 20.80 | 1.393 | - | - | -0.06 | 0.233 | 0.325 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.33 | 20.80 | 1.403 | - | - | -0.15 | 0.220 | 0.309 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.36 | 20.80 | 1.393 | - | - | 0.03 | 0.096 | 0.134 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.33 | 20.80 | 1.403 | - | - | -0.13 | 0.093 | 0.130 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.36 | 20.80 | 1.393 | - | - | 0.16 | 0.603 | 0.840 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 638000 | 3570 | 19.18 | 20.80 | 1.452 | | | 0.05 | 0.577 | 0.838 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 645332 | 3679.98 | 19.20 | 20.80 | 1.445 | | | 0.07 | 0.562 | 0.812 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.33 | 20.80 | 1.403 | - | - | -0.07 | 0.685 | 0.961 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 638000 | 3570 | 19.15 | 20.80 | 1.462 | | | 0.09 | 0.612 | 0.895 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 645332 | 3679.98 | 19.15 | 20.80 | 1.462 | | | 0.01 | 0.611 | 0.893 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.29 | 20.80 | 1.416 | - | - | -0.02 | 0.539 | 0.763 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.36 | 20.80 | 1.393 | - | - | -0.09 | 0.036 | 0.050 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.33 | 20.80 | 1.403 | - | - | 0.14 | 0.031 | 0.043 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.36 | 20.80 | 1.393 | - | - | 0.1 | 0.033 | 0.046 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 641666 | 3624.99 | 19.33 | 20.80 | 1.403 | - | - | -0.09 | 0.035 | 0.049 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | -0.17 | 0.245 | 0.332 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | -0.01 | 0.199 | 0.272 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | -0.11 | 0.143 | 0.194 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | 0.14 | 0.119 | 0.162 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0.03 | 0.114 | 0.154 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | 0.1 | 0.116 | 0.158 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0.16 | 0.029 | 0.039 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | -0.06 | 0.000 | 0.000 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.68 | 18.00 | 1.355 | - | - | 0.02 | 0.644 | 0.873 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 638000 | 3570 | 16.65 | 18.00 | 1.365 | - | - | 0.09 | 0.605 | 0.826 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 645332 | 3679.98 | 16.59 | 18.00 | 1.384 | - | - | 0.02 | 0.614 | 0.850 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.65 | 18.00 | 1.365 | - | - | 0.04 | 0.666 | 0.909 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 638000 | 3570 | 16.61 | 18.00 | 1.377 | - | - | 0.08 | 0.621 | 0.855 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 645332 | 3679.98 | 16.61 | 18.00 | 1.377 | - | - | -0.06 | 0.612 | 0.843 |
| | FR1 n48 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 641666 | 3624.99 | 16.61 | 18.00 | 1.377 | - | - | -0.16 | 0.624 | 0.859 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.03 | 0.497 | 0.603 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.17 | 0.448 | 0.546 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.15 | 0.067 | 0.081 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.16 | 0.042 | 0.051 |
| 54 | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.08 | 0.842 | **1.022** |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | 0.05 | 0.658 | 0.802 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.07 | 16.00 | 1.239 | - | - | -0.06 | 0.792 | 0.981 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.16 | 16.00 | 1.213 | - | - | -0.13 | 0.279 | 0.339 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 15.14 | 16.00 | 1.219 | - | - | -0.01 | 0.239 | 0.291 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | 18.02 | 19.00 | 1.253 | 50 | 1.000 | -0.11 | 0.745 | 0.934 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | -0.14 | 0.301 | 0.345 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | -0.18 | 0.271 | 0.313 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | -0.06 | 0.095 | 0.109 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | 0.02 | 0.069 | 0.080 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0.16 | 0.661 | 0.757 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | 0.01 | 0.706 | 0.814 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.35 | 16.00 | 1.161 | - | - | 0.09 | 0.625 | 0.726 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.41 | 16.00 | 1.146 | - | - | 0.13 | 0.262 | 0.300 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 15.38 | 16.00 | 1.153 | - | - | 0.12 | 0.192 | 0.221 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 17.96 | 19.00 | 1.271 | 50 | 1.000 | -0.08 | 0.697 | 0.886 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.16 | 19.50 | 1.361 | - | - | -0.11 | 0.212 | 0.289 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.14 | 19.50 | 1.368 | - | - | -0.16 | 0.208 | 0.284 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.16 | 19.50 | 1.361 | - | - | -0.15 | 0.037 | 0.050 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.14 | 19.50 | 1.368 | - | - | -0.06 | 0.036 | 0.049 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.16 | 19.50 | 1.361 | - | - | -0.14 | 0.562 | 0.765 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.14 | 19.50 | 1.368 | - | - | -0.19 | 0.511 | 0.699 |
| | FR1 n77 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.07 | 19.50 | 1.390 | - | - | 0.06 | 0.621 | 0.863 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.16 | 19.50 | 1.361 | - | - | 0.06 | 0.045 | 0.061 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.14 | 19.50 | 1.368 | - | - | 0.02 | 0.043 | 0.059 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.16 | 19.50 | 1.361 | - | - | 0.12 | 0.047 | 0.064 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 18.14 | 19.50 | 1.368 | - | - | -0.16 | 0.048 | 0.066 |
| | FR1 n77 PC2 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 656000 | 3840 | 21.13 | 22.50 | 1.371 | 50 | 1.000 | -0.12 | 0.574 | 0.787 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.16 | 19.50 | 1.361 | - | - | -0.02 | 0.128 | 0.174 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.11 | 19.50 | 1.377 | - | - | -0.05 | 0.189 | 0.260 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.16 | 19.50 | 1.361 | - | - | -0.13 | 0.000 | 0.000 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.11 | 19.50 | 1.377 | - | - | 0.08 | 0.000 | 0.000 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.16 | 19.50 | 1.361 | - | - | -0.16 | 0.484 | 0.659 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.11 | 19.50 | 1.377 | - | - | 0.01 | 0.433 | 0.596 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.16 | 19.50 | 1.361 | - | - | 0.1 | 0.023 | 0.031 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.11 | 19.50 | 1.377 | - | - | -0.04 | 0.035 | 0.048 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.16 | 19.50 | 1.361 | - | - | -0.01 | 0.000 | 0.000 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.11 | 19.50 | 1.377 | - | - | 0 | 0.027 | 0.037 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 21.34 | 22.50 | 1.306 | 50 | 1.000 | -0.11 | 0.458 | 0.598 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.45 | 18.50 | 1.274 | - | - | 0.12 | 0.114 | 0.145 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.42 | 18.50 | 1.282 | - | - | 0.08 | 0.117 | 0.150 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.45 | 18.50 | 1.274 | - | - | -0.17 | 0.041 | 0.052 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.42 | 18.50 | 1.282 | - | - | -0.03 | 0.039 | 0.050 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.45 | 18.50 | 1.274 | - | - | 0.14 | 0.229 | 0.292 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.42 | 18.50 | 1.282 | - | - | 0.11 | 0.264 | 0.339 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.45 | 18.50 | 1.274 | - | - | -0.05 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.42 | 18.50 | 1.282 | - | - | 0.18 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.45 | 18.50 | 1.274 | - | - | 0.14 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.42 | 18.50 | 1.282 | - | - | -0.17 | 0.000 | 0.000 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 20.84 | 21.50 | 1.164 | 50 | 1.000 | 0.17 | 0.262 | 0.305 |
| | FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 14.89 | 15.50 | 1.151 | - | - | -0.05 | 0.115 | 0.132 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 656000 | 3840 | 17.88 | 18.50 | 1.153 | 50 | 1.000 | 0.01 | 0.104 | 0.120 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.03 | 18.50 | 1.403 | - | - | -0.15 | 0.232 | 0.325 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.01 | 18.50 | 1.409 | - | - | 0.02 | 0.173 | 0.244 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.03 | 18.50 | 1.403 | - | - | 0.07 | 0.070 | 0.098 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.01 | 18.50 | 1.409 | - | - | 0.16 | 0.050 | 0.070 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.03 | 18.50 | 1.403 | - | - | 0.13 | 0.435 | 0.610 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.01 | 18.50 | 1.409 | - | - | -0.18 | 0.377 | 0.531 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.03 | 18.50 | 1.403 | - | - | 0.02 | 0.039 | 0.055 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.01 | 18.50 | 1.409 | - | - | 0.16 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.03 | 18.50 | 1.403 | - | - | -0.03 | 0.042 | 0.059 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.01 | 18.50 | 1.409 | - | - | 0.07 | 0.000 | 0.000 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 20.19 | 21.50 | 1.352 | 50 | 1.000 | -0.07 | 0.455 | 0.615 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 13.59 | 15.50 | 1.552 | - | - | 0 | 0.296 | 0.460 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 16.59 | 18.50 | 1.552 | 50 | 1.000 | 0.01 | 0.305 | 0.473 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.06 | 0.199 | 0.282 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | -0.04 | 0.194 | 0.277 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.09 | 0.032 | 0.045 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | -0.17 | 0.030 | 0.043 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.1 | 0.103 | 0.146 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | 0.18 | 0.086 | 0.123 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.17 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | -0.04 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.49 | 18.00 | 1.416 | - | - | -0.05 | 0.584 | 0.827 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.45 | 18.00 | 1.429 | - | - | 0 | 0.313 | 0.447 |
| | FR1 n77 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.43 | 18.00 | 1.435 | - | - | -0.13 | 0.348 | 0.500 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 19.06 | 21.00 | 1.563 | 50 | 1.000 | -0.09 | 0.572 | 0.894 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 13.46 | 14.50 | 1.271 | - | - | -0.01 | 0.243 | 0.309 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 656000 | 3840 | 16.75 | 17.50 | 1.189 | 50 | 1.000 | -0.09 | 0.241 | 0.286 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | 0.02 | 0.158 | 0.232 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | -0.13 | 0.123 | 0.181 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | 0.17 | 0.116 | 0.170 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | 0.06 | 0.094 | 0.138 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | 0 | 0.056 | 0.082 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | -0.04 | 0.063 | 0.093 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | -0.15 | 0.000 | 0.000 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | 0.11 | 0.021 | 0.031 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.34 | 18.00 | 1.466 | - | - | -0.06 | 0.495 | 0.725 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.33 | 18.00 | 1.469 | - | - | -0.02 | 0.452 | 0.664 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 19.55 | 21.00 | 1.396 | 50 | 1.000 | 0.04 | 0.489 | 0.683 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 13.07 | 14.50 | 1.390 | - | - | 0.13 | 0.245 | 0.341 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.19 | 17.50 | 1.352 | 50 | 1.000 | -0.18 | 0.234 | 0.316 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | 0.15 | 0.319 | 0.379 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | -0.09 | 0.284 | 0.341 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | 0.11 | 0.052 | 0.062 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | -0.05 | 0.053 | 0.064 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | 0.01 | 0.580 | 0.689 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | -0.08 | 0.473 | 0.567 |
| | FR1 n78 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.68 | 15.50 | 1.208 | - | - | 0.16 | 0.441 | 0.533 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.75 | 15.50 | 1.189 | - | - | 0.05 | 0.199 | 0.237 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 14.71 | 15.50 | 1.199 | - | - | 0.05 | 0.157 | 0.188 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 650000 | 3750 | 17.39 | 18.50 | 1.291 | 50 | 1.000 | -0.03 | 0.525 | 0.678 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | -0.17 | 0.264 | 0.312 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | -0.08 | 0.237 | 0.281 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | -0.04 | 0.096 | 0.114 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | -0.08 | 0.069 | 0.082 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | 0.17 | 0.577 | 0.683 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | 0.08 | 0.606 | 0.719 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.77 | 15.50 | 1.183 | - | - | -0.04 | 0.254 | 0.300 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 14.76 | 15.50 | 1.186 | - | - | -0.08 | 0.213 | 0.253 |
| | FR1 n78 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 633334 | 3500.01 | 17.47 | 18.50 | 1.268 | 50 | 1.000 | -0.13 | 0.534 | 0.677 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.56 | 20.00 | 1.393 | - | - | 0.06 | 0.217 | 0.302 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.54 | 20.00 | 1.400 | - | - | -0.03 | 0.195 | 0.273 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.56 | 20.00 | 1.393 | - | - | -0.03 | 0.040 | 0.056 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.54 | 20.00 | 1.400 | - | - | 0.08 | 0.036 | 0.050 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.56 | 20.00 | 1.393 | - | - | -0.03 | 0.550 | 0.766 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.54 | 20.00 | 1.400 | - | - | 0.05 | 0.404 | 0.565 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.56 | 20.00 | 1.393 | - | - | -0.11 | 0.040 | 0.056 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.54 | 20.00 | 1.400 | - | - | -0.12 | 0.035 | 0.049 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.56 | 20.00 | 1.393 | - | - | 0.03 | 0.038 | 0.053 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 18.54 | 20.00 | 1.400 | - | - | -0.16 | 0.037 | 0.052 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 650000 | 3750 | 21.67 | 23.00 | 1.358 | 50 | 1.000 | -0.02 | 0.522 | 0.709 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | -0.1 | 0.164 | 0.229 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.52 | 20.00 | 1.406 | - | - | 0.01 | 0.186 | 0.262 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | -0.15 | 0.000 | 0.000 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.52 | 20.00 | 1.406 | - | - | 0.19 | 0.000 | 0.000 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | -0.05 | 0.494 | 0.690 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.52 | 20.00 | 1.406 | - | - | 0.01 | 0.451 | 0.634 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | 0.03 | 0.026 | 0.036 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.52 | 20.00 | 1.406 | - | - | -0.15 | 0.028 | 0.039 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.55 | 20.00 | 1.396 | - | - | -0.15 | 0.030 | 0.042 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 18.52 | 20.00 | 1.406 | - | - | 0.11 | 0.034 | 0.048 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 6 | DSI4 | 633334 | 3500.01 | 21.73 | 23.00 | 1.340 | 50 | 1.000 | -0.08 | 0.484 | 0.648 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.69 | 18.50 | 1.205 | - | - | 0.05 | 0.118 | 0.142 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.65 | 18.50 | 1.216 | - | - | 0.06 | 0.103 | 0.125 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.69 | 18.50 | 1.205 | - | - | -0.09 | 0.060 | 0.072 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.65 | 18.50 | 1.216 | - | - | -0.08 | 0.049 | 0.060 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.69 | 18.50 | 1.205 | - | - | -0.07 | 0.316 | 0.381 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.65 | 18.50 | 1.216 | - | - | 0.13 | 0.243 | 0.296 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.69 | 18.50 | 1.205 | - | - | 0.12 | 0.028 | 0.034 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.65 | 18.50 | 1.216 | - | - | 0.03 | 0.033 | 0.040 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.69 | 18.50 | 1.205 | - | - | 0.18 | 0.000 | 0.000 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.65 | 18.50 | 1.216 | - | - | 0.16 | 0.032 | 0.039 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 20.68 | 21.50 | 1.208 | 50 | 1.000 | -0.1 | 0.297 | 0.359 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 14.11 | 15.50 | 1.377 | - | - | 0.07 | 0.122 | 0.168 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 650000 | 3750 | 17.18 | 18.50 | 1.355 | 50 | 1.000 | 0.18 | 0.135 | 0.183 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.86 | 18.50 | 1.159 | - | - | -0.05 | 0.154 | 0.178 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.84 | 18.50 | 1.164 | - | - | 0.18 | 0.120 | 0.140 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.86 | 18.50 | 1.159 | - | - | 0.14 | 0.045 | 0.052 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.84 | 18.50 | 1.164 | - | - | -0.17 | 0.034 | 0.040 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.86 | 18.50 | 1.159 | - | - | 0.17 | 0.361 | 0.418 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.84 | 18.50 | 1.164 | - | - | -0.05 | 0.248 | 0.289 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.86 | 18.50 | 1.159 | - | - | 0.01 | 0.000 | 0.000 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.84 | 18.50 | 1.164 | - | - | 0.1 | 0.022 | 0.026 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.86 | 18.50 | 1.159 | - | - | -0.17 | 0.032 | 0.037 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Bottom Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 17.84 | 18.50 | 1.164 | - | - | 0.04 | 0.000 | 0.000 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 20.98 | 21.50 | 1.127 | 50 | 1.000 | -0.02 | 0.387 | 0.436 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 13.91 | 15.50 | 1.442 | - | - | -0.01 | 0.203 | 0.293 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 1 | DSI4 | 633334 | 3500.01 | 16.89 | 18.50 | 1.449 | 50 | 1.000 | -0.08 | 0.196 | 0.284 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | 0.08 | 0.299 | 0.430 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | 0.01 | 0.325 | 0.472 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | -0.08 | 0.080 | 0.115 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | -0.08 | 0.051 | 0.074 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | 0.1 | 0.108 | 0.155 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | -0.18 | 0.119 | 0.173 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | 0.1 | 0.000 | 0.000 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | 0.12 | 0.000 | 0.000 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.42 | 18.00 | 1.439 | - | - | -0.17 | 0.653 | 0.940 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.38 | 18.00 | 1.452 | - | - | 0.01 | 0.611 | 0.887 |
| | FR1 n78 Other_PA | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.30 | 18.00 | 1.479 | - | - | -0.03 | 0.557 | 0.824 |
| 55 | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 19.41 | 21.00 | 1.442 | 50 | 1.000 | -0.02 | 0.709 | **1.022** |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 13.47 | 14.50 | 1.268 | - | - | 0.14 | 0.460 | 0.583 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 650000 | 3750 | 16.56 | 17.50 | 1.242 | 50 | 1.000 | 0.11 | 0.430 | 0.534 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PC2 | | | | | | | | | | | | | | | | | | | |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | 0.1 | 0.157 | 0.227 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | -0.17 | 0.120 | 0.175 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | 0.04 | 0.103 | 0.149 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | -0.01 | 0.105 | 0.153 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | -0.08 | 0.065 | 0.094 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Left Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | 0.05 | 0.055 | 0.080 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | 0.06 | 0.022 | 0.032 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Right Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | -0.09 | 0.019 | 0.028 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.39 | 18.00 | 1.449 | - | - | -0.08 | 0.436 | 0.632 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 16.36 | 18.00 | 1.459 | - | - | -0.08 | 0.449 | 0.655 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 20.37 | 21.00 | 1.156 | 50 | 1.000 | 0.03 | 0.510 | 0.590 |
| | FR1 n78 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 12.86 | 14.50 | 1.459 | - | - | 0.18 | 0.250 | 0.365 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Top Side | 5mm | Ant 8 | DSI4 | 633334 | 3500.01 | 15.86 | 17.50 | 1.459 | 50 | 1.000 | 0.16 | 0.233 | 0.340 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2450MHz** | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 5mm | Ant 9+10 | standalone | 1 | 2412 | 19.71 | 20.50 | 1.199 | 100 | 1.000 | 0.08 | 0.299 | 0.359 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 5mm | Ant 9+10 | standalone | 1 | 2412 | 19.71 | 20.50 | 1.199 | 100 | 1.000 | 0.01 | 0.043 | 0.052 |
| 56 | WLAN2.4GHz | 802.11b 1Mbps | Left Side | 5mm | Ant 9+10 | standalone | 1 | 2412 | 19.71 | 20.50 | 1.199 | 100 | 1.000 | -0.02 | 0.816 | **0.979** |
| | WLAN2.4GHz | 802.11b 1Mbps | Left Side | 5mm | Ant 9+10 | standalone | 6 | 2437 | 19.68 | 20.50 | 1.208 | 100 | 1.000 | -0.08 | 0.792 | 0.957 |
| | WLAN2.4GHz | 802.11b 1Mbps | Top Side | 5mm | Ant 9+10 | standalone | 1 | 2412 | 19.71 | 20.50 | 1.199 | 100 | 1.000 | 0.03 | 0.073 | 0.088 |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.08 | 0.145 | 0.225 |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.1 | 0.000 | 0.000 |
| | Bluetooth | 1Mbps | Left Side | 5mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.18 | 0.038 | 0.059 |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.04 | 0.233 | 0.361 |
| | Bluetooth | 1Mbps | Front | 5mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.1 | 0.153 | 0.225 |
| | Bluetooth | 1Mbps | Back | 5mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.12 | 0.000 | 0.000 |
| 57 | Bluetooth | 1Mbps | Left Side | 5mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | -0.05 | 0.376 | **0.553** |
| | Bluetooth | 1Mbps | Top Side | 5mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.08 | 0.067 | 0.099 |
| **2450MHz** | | | | | | | | | | | | | | | | |
| | WLAN5.2GHz | 802.11a 6Mbps | Front | 5mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.193 | 99.32 | 1.007 | -0.03 | 0.408 | 0.490 |
| | WLAN5.2GHz | 802.11a 6Mbps | Back | 5mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.193 | 99.32 | 1.007 | 0.14 | 0.000 | 0.000 |
| 58 | WLAN5.2GHz | 802.11a 6Mbps | Left Side | 5mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.193 | 99.32 | 1.007 | -0.03 | 0.625 | **0.751** |
| | WLAN5.2GHz | 802.11a 6Mbps | Top Side | 5mm | Ant 8+10 | Full power | 40 | 5200 | 19.73 | 20.50 | 1.193 | 99.32 | 1.007 | -0.05 | 0.396 | 0.476 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Front | 5mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | 0.04 | 0.768 | 0.884 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Back | 5mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | -0.08 | 0.120 | 0.138 |
| 59 | WLAN5.8GHz | 802.11n-HT40 MCS0 | Left Side | 5mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | 0.01 | 0.815 | **0.938** |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Top Side | 5mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | -0.09 | 0.585 | 0.673 |

## 16.3 Body Worn Accessory 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** | | | | | | | | | | | | | | | | | | | | |
| 60 | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 23095 | 707.5 | 24.64 | 25.50 | 1.219 | - | - | -0.15 | 0.198 | **0.241** |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 23095 | 707.5 | 23.58 | 24.50 | 1.236 | - | - | -0.16 | 0.164 | 0.203 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 23095 | 707.5 | 24.64 | 25.50 | 1.219 | - | - | -0.12 | 0.186 | 0.227 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 23095 | 707.5 | 23.58 | 24.50 | 1.236 | - | - | 0.07 | 0.158 | 0.195 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | 0.05 | 0.092 | 0.112 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | 0.06 | 0.073 | 0.085 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | -0.09 | 0.113 | 0.138 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | -0.08 | 0.091 | 0.106 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 141500 | 707.5 | 25.01 | 25.70 | 1.172 | - | - | 0.08 | 0.242 | 0.284 |
| 61 | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 141500 | 707.5 | 24.92 | 25.70 | 1.197 | - | - | -0.02 | 0.275 | **0.329** |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 141500 | 707.5 | 25.01 | 25.70 | 1.172 | - | - | 0.01 | 0.219 | 0.257 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 141500 | 707.5 | 24.92 | 25.70 | 1.197 | - | - | 0.03 | 0.252 | 0.302 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | 0.13 | 0.075 | 0.085 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.12 | 0.083 | 0.095 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | 0.03 | 0.086 | 0.097 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.18 | 0.104 | 0.119 |
| **835MHz** | | | | | | | | | | | | | | | | | | | | |
| 62 | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 1 | DSI7 | 189 | 836.4 | 26.86 | 28.00 | 1.300 | - | - | -0.01 | 0.279 | **0.363** |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 1 | DSI7 | 189 | 836.4 | 26.86 | 28.00 | 1.300 | - | - | -0.08 | 0.251 | 0.326 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 0 | DSI7 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | 0.16 | 0.076 | 0.104 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 0 | DSI7 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | -0.1 | 0.114 | 0.156 |
| 63 | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 1 | DSI7 | 4182 | 836.4 | 22.93 | 24.00 | 1.279 | - | - | 0.06 | 0.330 | **0.422** |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 1 | DSI7 | 4182 | 836.4 | 22.93 | 24.00 | 1.279 | - | - | 0.03 | 0.305 | 0.390 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 0 | DSI7 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | 0.07 | 0.095 | 0.113 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 0 | DSI7 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | 0.18 | 0.177 | 0.210 |
| 64 | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 26865 | 831.5 | 24.54 | 25.50 | 1.247 | - | - | 0.08 | 0.315 | **0.393** |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 26865 | 831.5 | 23.54 | 24.50 | 1.247 | - | - | -0.01 | 0.271 | 0.338 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 26865 | 831.5 | 24.54 | 25.50 | 1.247 | - | - | 0 | 0.302 | 0.377 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 26865 | 831.5 | 23.54 | 24.50 | 1.247 | - | - | -0.11 | 0.258 | 0.322 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | -0.1 | 0.094 | 0.115 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | 0.01 | 0.076 | 0.091 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | -0.15 | 0.170 | 0.207 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | 0.19 | 0.141 | 0.169 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 166300 | 831.5 | 23.30 | 23.70 | 1.096 | - | - | 0.08 | 0.304 | 0.333 |
| 65 | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 166300 | 831.5 | 23.26 | 23.70 | 1.107 | - | - | 0.07 | 0.351 | **0.388** |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 166300 | 831.5 | 23.30 | 23.70 | 1.096 | - | - | 0.01 | 0.277 | 0.304 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 166300 | 831.5 | 23.26 | 23.70 | 1.107 | - | - | 0.03 | 0.309 | 0.342 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | 0.07 | 0.094 | 0.100 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | -0.18 | 0.098 | 0.106 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | 0.03 | 0.153 | 0.162 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | 0.01 | 0.167 | 0.180 |
| **1750MHz** | | | | | | | | | | | | | | | | | | | | |
| 66 | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 5 | DSI7 | 1413 | 1732.6 | 24.17 | 25.00 | 1.211 | - | - | -0.1 | 0.532 | **0.644** |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 5 | DSI7 | 1413 | 1732.6 | 24.17 | 25.00 | 1.211 | - | - | 0.08 | 0.524 | 0.634 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 6 | DSI7 | 1413 | 1732.6 | 23.36 | 25.00 | 1.459 | - | - | -0.15 | 0.237 | 0.346 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 6 | DSI7 | 1413 | 1732.6 | 23.36 | 25.00 | 1.459 | - | - | 0.11 | 0.226 | 0.330 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 0 | DSI7 | 1413 | 1732.6 | 21.71 | 23.30 | 1.442 | - | - | 0.01 | 0.256 | 0.369 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 0 | DSI7 | 1413 | 1732.6 | 21.71 | 23.30 | 1.442 | - | - | 0.1 | 0.324 | 0.467 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 1 | DSI7 | 1413 | 1732.6 | 21.35 | 23.00 | 1.462 | - | - | -0.08 | 0.240 | 0.351 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 1 | DSI7 | 1413 | 1732.6 | 21.35 | 23.00 | 1.462 | - | - | -0.17 | 0.163 | 0.238 |
| 67 | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 20175 | 1732.5 | 24.79 | 25.70 | 1.233 | - | - | 0.07 | 0.557 | **0.687** |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 20175 | 1732.5 | 23.69 | 24.70 | 1.262 | - | - | -0.02 | 0.468 | 0.591 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 20175 | 1732.5 | 24.79 | 25.70 | 1.233 | - | - | -0.05 | 0.528 | 0.651 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 20175 | 1732.5 | 23.69 | 24.70 | 1.262 | - | - | -0.13 | 0.440 | 0.555 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 20175 | 1732.5 | 23.99 | 25.70 | 1.483 | - | - | -0.09 | 0.267 | 0.396 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 20175 | 1732.5 | 23.36 | 24.70 | 1.361 | - | - | -0.08 | 0.226 | 0.308 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 20175 | 1732.5 | 23.99 | 25.70 | 1.483 | - | - | 0.1 | 0.249 | 0.369 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 20175 | 1732.5 | 23.36 | 24.70 | 1.361 | - | - | -0.18 | 0.207 | 0.282 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 20175 | 1732.5 | 22.26 | 22.70 | 1.107 | - | - | 0.12 | 0.237 | 0.262 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 20175 | 1732.5 | 22.08 | 22.70 | 1.153 | - | - | 0.08 | 0.235 | 0.271 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 20175 | 1732.5 | 22.26 | 22.70 | 1.107 | - | - | -0.17 | 0.318 | 0.352 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 20175 | 1732.5 | 22.08 | 22.70 | 1.153 | - | - | -0.03 | 0.301 | 0.347 |
| | LTE Band 4 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 20175 | 1732.5 | 20.01 | 21.00 | 1.256 | - | - | 0.14 | 0.313 | 0.393 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 20175 | 1732.5 | 22.45 | 23.20 | 1.189 | - | - | -0.08 | 0.143 | 0.170 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 20175 | 1732.5 | 22.40 | 23.20 | 1.202 | - | - | -0.04 | 0.131 | 0.157 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 20175 | 1732.5 | 22.45 | 23.20 | 1.189 | - | - | -0.08 | 0.135 | 0.160 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 20175 | 1732.5 | 22.40 | 23.20 | 1.202 | - | - | 0.17 | 0.137 | 0.165 |
| | LTE Band 4 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 20175 | 1732.5 | 20.09 | 21.50 | 1.384 | - | - | 0.18 | 0.102 | 0.141 |
| 68 | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 132322 | 1745 | 24.84 | 25.70 | 1.219 | - | - | -0.09 | 0.543 | **0.662** |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 132322 | 1745 | 23.61 | 24.70 | 1.285 | - | - | 0.08 | 0.452 | 0.581 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 132322 | 1745 | 24.84 | 25.70 | 1.219 | - | - | 0.16 | 0.519 | 0.633 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 132322 | 1745 | 23.61 | 24.70 | 1.285 | - | - | 0.01 | 0.425 | 0.546 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 132322 | 1745 | 23.99 | 25.70 | 1.483 | - | - | -0.04 | 0.262 | 0.388 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 132322 | 1745 | 23.43 | 24.70 | 1.340 | - | - | 0.02 | 0.222 | 0.297 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 132322 | 1745 | 23.99 | 25.70 | 1.483 | - | - | 0.01 | 0.256 | 0.380 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 132322 | 1745 | 23.43 | 24.70 | 1.340 | - | - | 0.05 | 0.201 | 0.269 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 132322 | 1745 | 22.33 | 22.70 | 1.089 | - | - | 0.17 | 0.208 | 0.226 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 132322 | 1745 | 22.31 | 22.70 | 1.094 | - | - | -0.05 | 0.198 | 0.217 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 132322 | 1745 | 22.33 | 22.70 | 1.089 | - | - | 0.01 | 0.262 | 0.285 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 132322 | 1745 | 22.31 | 22.70 | 1.094 | - | - | -0.17 | 0.269 | 0.294 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 132322 | 1745 | 19.51 | 21.00 | 1.409 | - | - | 0.01 | 0.163 | 0.230 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 132322 | 1745 | 22.46 | 22.70 | 1.057 | - | - | -0.04 | 0.081 | 0.086 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 132322 | 1745 | 22.40 | 22.70 | 1.072 | - | - | -0.08 | 0.082 | 0.088 |
| | LTE Band 66 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 132322 | 1745 | 22.46 | 22.70 | 1.057 | - | - | -0.13 | 0.088 | 0.093 |
| | LTE Band 66 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 132322 | 1745 | 22.40 | 22.70 | 1.072 | - | - | 0.06 | 0.089 | 0.095 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 132322 | 1745 | 19.05 | 20.70 | 1.462 | - | - | -0.13 | 0.057 | 0.083 |
| 69 | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 349000 | 1745 | 25.37 | 25.70 | 1.079 | - | - | -0.13 | 0.627 | **0.676** |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 349000 | 1745 | 24.95 | 25.70 | 1.189 | - | - | 0.1 | 0.555 | 0.660 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 349000 | 1745 | 25.37 | 25.70 | 1.079 | - | - | 0.12 | 0.564 | 0.609 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 349000 | 1745 | 24.95 | 25.70 | 1.189 | - | - | 0.08 | 0.565 | 0.672 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI7 | 349000 | 1745 | 24.38 | 25.70 | 1.355 | - | - | -0.08 | 0.317 | 0.430 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI7 | 349000 | 1745 | 23.99 | 25.70 | 1.483 | - | - | -0.08 | 0.336 | 0.498 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI7 | 349000 | 1745 | 24.38 | 25.70 | 1.355 | - | - | 0.1 | 0.354 | 0.480 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI7 | 349000 | 1745 | 23.99 | 25.70 | 1.483 | - | - | -0.01 | 0.357 | 0.529 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | 0.14 | 0.295 | 0.318 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | -0.17 | 0.314 | 0.339 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 349000 | 1745 | 21.38 | 21.70 | 1.076 | - | - | 0.17 | 0.391 | 0.421 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 349000 | 1745 | 21.37 | 21.70 | 1.079 | - | - | -0.12 | 0.442 | 0.477 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 349000 | 1745 | 18.73 | 20.20 | 1.403 | - | - | 0.01 | 0.232 | 0.325 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 349000 | 1745 | 22.26 | 22.70 | 1.107 | - | - | -0.03 | 0.142 | 0.157 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 349000 | 1745 | 22.16 | 22.70 | 1.132 | - | - | 0.04 | 0.162 | 0.183 |
| | FR1 n66 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 349000 | 1745 | 22.26 | 22.70 | 1.107 | - | - | 0.08 | 0.126 | 0.139 |
| | FR1 n66 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 349000 | 1745 | 22.16 | 22.70 | 1.132 | - | - | -0.07 | 0.153 | 0.173 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 349000 | 1745 | 19.15 | 20.50 | 1.365 | - | - | 0.01 | 0.122 | 0.166 |
| **1900MHz** | | | | | | | | | | | | | | | | | | | | |
| 70 | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 5 | DSI7 | 661 | 1880 | 23.13 | 25.00 | 1.538 | - | - | -0.07 | 0.122 | **0.188** |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 5 | DSI7 | 661 | 1880 | 23.13 | 25.00 | 1.538 | - | - | -0.08 | 0.113 | 0.174 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 6 | DSI7 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | -0.11 | 0.054 | 0.066 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 6 | DSI7 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | -0.12 | 0.052 | 0.063 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 5 | DSI7 | 9400 | 1880 | 24.15 | 25.00 | 1.216 | - | - | -0.14 | 0.362 | 0.440 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 5 | DSI7 | 9400 | 1880 | 24.15 | 25.00 | 1.216 | - | - | 0.01 | 0.357 | 0.434 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 6 | DSI7 | 9400 | 1880 | 23.54 | 25.00 | 1.400 | - | - | 0.03 | 0.154 | 0.216 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 6 | DSI7 | 9400 | 1880 | 23.54 | 25.00 | 1.400 | - | - | -0.16 | 0.136 | 0.190 |
| 71 | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 18900 | 1880 | 23.99 | 25.00 | 1.262 | - | - | 0.02 | 0.362 | **0.457** |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 18900 | 1880 | 23.07 | 24.00 | 1.239 | - | - | 0 | 0.302 | 0.374 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 18900 | 1880 | 23.99 | 25.00 | 1.262 | - | - | -0.04 | 0.343 | 0.433 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 18900 | 1880 | 23.07 | 24.00 | 1.239 | - | - | -0.15 | 0.285 | 0.353 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 18900 | 1880 | 23.36 | 25.00 | 1.459 | - | - | -0.02 | 0.174 | 0.254 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 18900 | 1880 | 22.55 | 24.00 | 1.396 | - | - | 0.15 | 0.139 | 0.194 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 18900 | 1880 | 23.36 | 25.00 | 1.459 | - | - | -0.09 | 0.131 | 0.191 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 18900 | 1880 | 22.55 | 24.00 | 1.396 | - | - | 0.11 | 0.108 | 0.151 |
| 72 | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 376000 | 1880 | 24.46 | 25.30 | 1.213 | - | - | 0.05 | 0.493 | **0.598** |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 376000 | 1880 | 24.34 | 25.30 | 1.247 | - | - | 0.08 | 0.420 | 0.524 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 376000 | 1880 | 24.46 | 25.30 | 1.213 | - | - | 0.01 | 0.459 | 0.557 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 376000 | 1880 | 24.34 | 25.30 | 1.247 | - | - | 0.03 | 0.385 | 0.480 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI7 | 376000 | 1880 | 23.91 | 25.20 | 1.346 | - | - | -0.05 | 0.164 | 0.221 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI7 | 376000 | 1880 | 23.73 | 25.20 | 1.403 | - | - | -0.08 | 0.127 | 0.178 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI7 | 376000 | 1880 | 23.91 | 25.20 | 1.346 | - | - | 0.16 | 0.148 | 0.199 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI7 | 376000 | 1880 | 23.73 | 25.20 | 1.403 | - | - | 0.05 | 0.116 | 0.163 |
| **2600MHz** | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 21100 | 2535 | 24.47 | 25.20 | 1.183 | - | - | 0.11 | 0.679 | 0.803 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 20850 | 2510 | 24.45 | 25.20 | 1.189 | - | - | -0.02 | 0.763 | 0.907 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 21350 | 2535 | 24.33 | 25.20 | 1.222 | - | - | 0.1 | 0.707 | 0.864 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 21100 | 2535 | 24.41 | 24.70 | 1.069 | - | - | 0.04 | 0.652 | 0.697 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 21100 | 2535 | 24.36 | 24.70 | 1.081 | - | - | -0.11 | 0.656 | 0.709 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 21100 | 2535 | 24.47 | 25.20 | 1.183 | - | - | -0.16 | 0.730 | 0.864 |
| 73 | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 20850 | 2510 | 24.45 | 25.20 | 1.189 | - | - | -0.03 | 0.840 | **0.998** |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 5 | DSI7 | 20850+ 21048 | 2510+ 2529.8 | 23.81 | 25.20 | 1.377 | - | - | 0.09 | 0.701 | 0.965 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 21350 | 2535 | 24.33 | 25.20 | 1.222 | - | - | -0.15 | 0.742 | 0.907 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 21100 | 2535 | 24.41 | 24.70 | 1.069 | - | - | -0.06 | 0.695 | 0.743 |
| | LTE Band 7 | 20M | QPSK | 100 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 21100 | 2535 | 24.36 | 24.70 | 1.081 | - | - | 0.01 | 0.722 | 0.781 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 21100 | 2535 | 23.91 | 25.70 | 1.510 | - | - | -0.08 | 0.258 | 0.390 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 6 | DSI7 | 21100+ 21298 | 2535+ 2554.8 | 23.79 | 25.70 | 1.552 | - | - | 0.09 | 0.214 | 0.332 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 21100 | 2535 | 22.99 | 24.70 | 1.483 | - | - | -0.16 | 0.204 | 0.302 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 21100 | 2535 | 23.91 | 25.70 | 1.510 | - | - | 0.08 | 0.207 | 0.313 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 21100 | 2535 | 22.99 | 24.70 | 1.483 | - | - | -0.09 | 0.178 | 0.264 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 21100 | 2535 | 22.77 | 23.20 | 1.104 | - | - | 0.05 | 0.123 | 0.136 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | -0.03 | 0.121 | 0.136 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 21100 | 2535 | 22.77 | 23.20 | 1.104 | - | - | -0.15 | 0.187 | 0.206 |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 0 | DSI7 | 21100+ 21298 | 2535+ 2554.8 | 22.45 | 23.20 | 1.189 | - | - | 0.01 | 0.155 | 0.184 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 21100 | 2535 | 22.69 | 23.20 | 1.125 | - | - | 0.02 | 0.180 | 0.202 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 21100 | 2535 | 20.82 | 22.00 | 1.312 | - | - | 0.07 | 0.152 | 0.199 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 21100 | 2535 | 22.67 | 23.20 | 1.130 | - | - | -0.09 | 0.251 | 0.284 |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 1 | DSI7 | 21100+ 21298 | 2535+ 2554.8 | 22.51 | 23.20 | 1.172 | - | - | 0.05 | 0.241 | 0.282 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 21100 | 2535 | 22.58 | 23.20 | 1.153 | - | - | -0.08 | 0.230 | 0.265 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 21100 | 2535 | 22.67 | 23.20 | 1.130 | - | - | 0.13 | 0.249 | 0.281 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 21100 | 2535 | 22.58 | 23.20 | 1.153 | - | - | 0.12 | 0.243 | 0.280 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 21100 | 2535 | 20.85 | 22.00 | 1.303 | - | - | 0.03 | 0.139 | 0.181 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 38000 | 2595 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | 0.06 | 0.506 | 0.566 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 38000 | 2595 | 24.32 | 24.70 | 1.091 | 62.9 | 1.006 | 0.02 | 0.398 | 0.437 |
| 74 | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 38000 | 2595 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | 0.06 | 0.535 | **0.598** |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 5 | DSI7 | 37901+ 38099 | 2585.1+ 2604.9 | 24.21 | 25.70 | 1.409 | 62.9 | 1.006 | 0.09 | 0.411 | 0.583 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 38000 | 2595 | 24.32 | 24.70 | 1.091 | 62.9 | 1.006 | 0.12 | 0.429 | 0.471 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 38000 | 2595 | 23.99 | 25.50 | 1.416 | 62.9 | 1.006 | 0.09 | 0.171 | 0.244 |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 6 | DSI7 | 37901+ 38099 | 2585.1+ 2604.9 | 23.95 | 25.50 | 1.429 | 62.9 | 1.006 | 0.05 | 0.121 | 0.174 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 38000 | 2595 | 23.11 | 24.50 | 1.377 | 62.9 | 1.006 | 0.13 | 0.136 | 0.188 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 38000 | 2595 | 23.99 | 25.50 | 1.416 | 62.9 | 1.006 | -0.18 | 0.146 | 0.208 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 38000 | 2595 | 23.11 | 24.50 | 1.377 | 62.9 | 1.006 | 0.02 | 0.113 | 0.157 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.16 | 0.079 | 0.087 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 38000 | 2595 | 24.24 | 24.70 | 1.112 | 62.9 | 1.006 | -0.03 | 0.073 | 0.082 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 38000 | 2595 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0.07 | 0.116 | 0.128 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 0 | DSI7 | 37901+ 38099 | 2585.1+ 2604.9 | 23.85 | 24.70 | 1.216 | 62.9 | 1.006 | 0.06 | 0.087 | 0.106 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 38000 | 2595 | 24.24 | 24.70 | 1.112 | 62.9 | 1.006 | 0 | 0.107 | 0.120 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 38000 | 2595 | 22.46 | 23.00 | 1.132 | - | - | 0.01 | 0.111 | 0.126 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 38000 | 2595 | 23.24 | 23.70 | 1.112 | 62.9 | 1.006 | -0.01 | 0.145 | 0.162 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 1 | DSI7 | 37901+ 38099 | 2585.1+ 2604.9 | 22.86 | 23.70 | 1.213 | 62.9 | 1.006 | 0.06 | 0.102 | 0.125 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 38000 | 2595 | 23.15 | 23.70 | 1.135 | 62.9 | 1.006 | -0.06 | 0.133 | 0.152 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 38000 | 2595 | 23.24 | 23.70 | 1.112 | 62.9 | 1.006 | -0.04 | 0.144 | 0.161 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 38000 | 2595 | 23.15 | 23.70 | 1.135 | 62.9 | 1.006 | -0.09 | 0.139 | 0.159 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 38000 | 2595 | 21.27 | 22.00 | 1.183 | - | - | -0.17 | 0.136 | 0.161 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 40620 | 2593 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | -0.16 | 0.479 | 0.536 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI7 | 40620 | 2593 | 24.06 | 24.70 | 1.159 | 62.9 | 1.006 | 0.1 | 0.384 | 0.448 |
| 75 | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 40620 | 2593 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | -0.06 | 0.519 | **0.580** |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 5 | DSI7 | 40620+ 40818 | 2593+ 2612.8 | 24.86 | 25.70 | 1.213 | 62.9 | 1.006 | 0.07 | 0.414 | 0.505 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI7 | 40620 | 2593 | 24.06 | 24.70 | 1.159 | 62.9 | 1.006 | -0.04 | 0.421 | 0.491 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 40620 | 2593 | 24.01 | 25.50 | 1.409 | 62.9 | 1.006 | -0.1 | 0.181 | 0.257 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 6 | DSI7 | 40620+ 40818 | 2593+ 2612.8 | 23.89 | 25.50 | 1.449 | 62.9 | 1.006 | 0.06 | 0.132 | 0.192 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 40620 | 2593 | 23.02 | 24.50 | 1.406 | 62.9 | 1.006 | 0.18 | 0.143 | 0.202 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 40620 | 2593 | 24.01 | 25.50 | 1.409 | 62.9 | 1.006 | -0.17 | 0.149 | 0.211 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 40620 | 2593 | 23.02 | 24.50 | 1.406 | 62.9 | 1.006 | -0.04 | 0.120 | 0.170 |
| | LTE Band 41Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.05 | 0.074 | 0.080 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI7 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | 0 | 0.072 | 0.080 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.13 | 0.113 | 0.122 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 0 | DSI7 | 40620+ 40818 | 2593+ 2612.8 | 23.79 | 24.70 | 1.233 | 62.9 | 1.006 | 0.04 | 0.091 | 0.113 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 40620 | 2593 | 24.29 | 24.70 | 1.099 | 62.9 | 1.006 | -0.01 | 0.108 | 0.119 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI7 | 40620 | 2593 | 22.41 | 23.00 | 1.146 | - | - | -0.09 | 0.102 | 0.117 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 40620 | 2593 | 23.25 | 23.70 | 1.109 | 62.9 | 1.006 | 0.05 | 0.142 | 0.158 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 1 | DSI7 | 40620+ 40818 | 2593+ 2612.8 | 23.05 | 23.70 | 1.161 | 62.9 | 1.006 | 0.04 | 0.115 | 0.134 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 40620 | 2593 | 23.23 | 23.70 | 1.114 | 62.9 | 1.006 | 0.02 | 0.136 | 0.152 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 40620 | 2593 | 23.25 | 23.70 | 1.109 | 62.9 | 1.006 | -0.13 | 0.141 | 0.157 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 40620 | 2593 | 23.23 | 23.70 | 1.114 | 62.9 | 1.006 | 0.17 | 0.139 | 0.156 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 40620 | 2593 | 21.24 | 22.00 | 1.191 | - | - | 0.06 | 0.140 | 0.167 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 507000 | 2535 | 25.37 | 25.70 | 1.079 | - | - | -0.05 | 0.720 | 0.777 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 507000 | 2535 | 25.27 | 25.70 | 1.104 | - | - | 0.01 | 0.728 | 0.804 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI7 | 507000 | 2535 | 24.35 | 24.70 | 1.084 | - | - | 0.1 | 0.595 | 0.645 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 507000 | 2535 | 25.37 | 25.70 | 1.079 | - | - | -0.17 | 0.758 | 0.818 |
| 76 | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 507000 | 2535 | 25.27 | 25.70 | 1.104 | - | - | -0.01 | 0.771 | **0.851** |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI7 | 507000 | 2535 | 24.35 | 24.70 | 1.084 | - | - | 0.04 | 0.594 | 0.644 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI7 | 507000 | 2535 | 25.06 | 25.70 | 1.159 | - | - | -0.08 | 0.350 | 0.406 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI7 | 507000 | 2535 | 24.83 | 25.70 | 1.222 | - | - | -0.08 | 0.322 | 0.393 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI7 | 507000 | 2535 | 25.06 | 25.70 | 1.159 | - | - | 0.1 | 0.354 | 0.410 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI7 | 507000 | 2535 | 24.83 | 25.70 | 1.222 | - | - | -0.18 | 0.321 | 0.392 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | 0.12 | 0.120 | 0.130 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI7 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | 0.08 | 0.111 | 0.122 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 507000 | 2535 | 22.85 | 23.20 | 1.084 | - | - | -0.17 | 0.179 | 0.194 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 507000 | 2535 | 22.80 | 23.20 | 1.096 | - | - | -0.03 | 0.180 | 0.197 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI7 | 507000 | 2535 | 21.41 | 22.00 | 1.146 | - | - | 0.14 | 0.114 | 0.131 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | -0.05 | 0.259 | 0.282 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | 0.18 | 0.276 | 0.303 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 507000 | 2535 | 21.33 | 21.70 | 1.089 | - | - | 0.14 | 0.256 | 0.279 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI7 | 507000 | 2535 | 21.30 | 21.70 | 1.096 | - | - | -0.17 | 0.272 | 0.298 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI7 | 507000 | 2535 | 21.72 | 22.50 | 1.197 | - | - | 0.17 | 0.191 | 0.229 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI7 | 519000 | 2595 | 25.17 | 25.70 | 1.130 | - | - | 0.08 | 0.788 | 0.890 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI7 | 519000 | 2595 | 24.91 | 25.70 | 1.199 | - | - | 0.01 | 0.765 | 0.918 |
| | FR1 n38 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI7 | 519000 | 2595 | 24.12 | 24.70 | 1.143 | - | - | 0.03 | 0.718 | 0.821 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI7 | 519000 | 2595 | 25.17 | 25.70 | 1.130 | - | - | 0.01 | 0.815 | 0.921 |
| 77 | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI7 | 519000 | 2595 | 24.91 | 25.70 | 1.199 | - | - | -0.04 | 0.909 | **1.090** |
| | FR1 n38 | 40M | QPSK | 100 | 0 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI7 | 519000 | 2595 | 24.12 | 24.70 | 1.143 | - | - | -0.08 | 0.701 | 0.801 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 519000 | 2595 | 24.69 | 25.50 | 1.205 | - | - | -0.18 | 0.301 | 0.363 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 519000 | 2595 | 24.40 | 24.50 | 1.023 | - | - | 0.1 | 0.283 | 0.290 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 519000 | 2595 | 24.69 | 25.50 | 1.205 | - | - | 0.12 | 0.279 | 0.336 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 519000 | 2595 | 24.40 | 24.50 | 1.023 | - | - | 0.08 | 0.279 | 0.285 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI7 | 519000 | 2595 | 24.33 | 24.70 | 1.089 | - | - | -0.13 | 0.113 | 0.123 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI7 | 519000 | 2595 | 24.31 | 24.70 | 1.094 | - | - | -0.01 | 0.104 | 0.114 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI7 | 519000 | 2595 | 24.33 | 24.70 | 1.089 | - | - | -0.01 | 0.191 | 0.208 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI7 | 519000 | 2595 | 24.31 | 24.70 | 1.094 | - | - | -0.11 | 0.157 | 0.172 |
| | FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI7 | 519000 | 2595 | 22.81 | 23.00 | 1.045 | - | - | 0.19 | 0.112 | 0.117 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | -0.17 | 0.248 | 0.265 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | -0.03 | 0.210 | 0.226 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 519000 | 2595 | 20.91 | 21.20 | 1.069 | - | - | 0.14 | 0.181 | 0.193 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 519000 | 2595 | 20.88 | 21.20 | 1.076 | - | - | 0.11 | 0.192 | 0.207 |
| | FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 519000 | 2595 | 19.05 | 19.50 | 1.109 | - | - | -0.05 | 0.442 | 0.490 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI7 | 518598 | 2592.99 | 25.18 | 25.70 | 1.127 | - | - | 0.07 | 0.897 | 1.011 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI7 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | 0.18 | 0.866 | 1.001 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI7 | 518598 | 2592.99 | 24.16 | 24.70 | 1.132 | - | - | -0.1 | 0.838 | 0.949 |
| 78 | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI7 | 518598 | 2592.99 | 25.18 | 25.70 | 1.127 | - | - | -0.09 | 0.931 | **1.049** |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI7 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | 0.01 | 0.814 | 0.941 |
| | FR1 n41 | 100M | QPSK | 270 | 0 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI7 | 518598 | 2592.99 | 24.16 | 24.70 | 1.132 | - | - | -0.15 | 0.856 | 0.969 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 518598 | 2592.99 | 24.25 | 25.70 | 1.396 | - | - | 0.06 | 0.297 | 0.415 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 518598 | 2592.99 | 24.19 | 25.70 | 1.416 | - | - | 0.01 | 0.284 | 0.402 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 518598 | 2592.99 | 24.25 | 25.70 | 1.396 | - | - | 0.03 | 0.281 | 0.392 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 518598 | 2592.99 | 24.19 | 25.70 | 1.416 | - | - | -0.08 | 0.277 | 0.392 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI7 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | 0.1 | 0.124 | 0.133 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI7 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | -0.18 | 0.106 | 0.114 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI7 | 518598 | 2592.99 | 23.89 | 24.20 | 1.074 | - | - | 0.1 | 0.203 | 0.218 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI7 | 518598 | 2592.99 | 23.87 | 24.20 | 1.079 | - | - | 0.12 | 0.168 | 0.181 |
| | FR1 n41 Main PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI7 | 518598 | 2592.99 | 22.08 | 22.50 | 1.102 | - | - | 0.08 | 0.123 | 0.135 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 518598 | 2592.99 | 21.46 | 22.20 | 1.186 | - | - | -0.03 | 0.273 | 0.324 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 518598 | 2592.99 | 21.42 | 22.20 | 1.197 | - | - | 0.14 | 0.223 | 0.267 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 518598 | 2592.99 | 21.46 | 22.20 | 1.186 | - | - | 0.11 | 0.228 | 0.270 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 518598 | 2592.99 | 21.42 | 22.20 | 1.197 | - | - | -0.05 | 0.195 | 0.233 |
| | FR1 n41 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 518598 | 2592.99 | 19.72 | 20.50 | 1.197 | - | - | 0.18 | 0.135 | 0.162 |
| **3500MHz** | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 7 | DSI7 | 42590 | 3500 | 20.58 | 21.20 | 1.153 | 62.9 | 1.006 | -0.06 | 0.183 | 0.212 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 7 | DSI7 | 42590 | 3500 | 20.48 | 21.20 | 1.180 | 62.9 | 1.006 | -0.15 | 0.190 | 0.226 |
| 79 | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 7 | DSI7 | 42590 | 3500 | 20.58 | 21.20 | 1.153 | 62.9 | 1.006 | 0.06 | 0.204 | **0.237** |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 7 | DSI7 | 42590 | 3500 | 20.48 | 21.20 | 1.180 | 62.9 | 1.006 | 0.03 | 0.199 | 0.236 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 42590 | 3500 | 22.88 | 24.50 | 1.452 | 62.9 | 1.006 | -0.17 | 0.081 | 0.118 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 42590 | 3500 | 22.55 | 23.50 | 1.245 | 62.9 | 1.006 | 0.04 | 0.080 | 0.100 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 42590 | 3500 | 22.88 | 24.50 | 1.452 | 62.9 | 1.006 | -0.01 | 0.068 | 0.099 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 42590 | 3500 | 22.55 | 23.50 | 1.245 | 62.9 | 1.006 | -0.08 | 0.080 | 0.100 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 42590 | 3500 | 20.85 | 22.50 | 1.462 | 62.9 | 1.006 | 0.06 | 0.107 | 0.157 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 42590 | 3500 | 20.81 | 22.50 | 1.476 | 62.9 | 1.006 | -0.09 | 0.086 | 0.128 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 42590 | 3500 | 20.85 | 22.50 | 1.462 | 62.9 | 1.006 | -0.08 | 0.113 | 0.166 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 42590 | 3500 | 20.81 | 22.50 | 1.476 | 62.9 | 1.006 | 0.13 | 0.098 | 0.145 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 8 | DSI7 | 42590 | 3500 | 20.33 | 21.00 | 1.167 | 62.9 | 1.006 | 0.03 | 0.046 | 0.054 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 8 | DSI7 | 42590 | 3500 | 19.47 | 20.00 | 1.130 | 62.9 | 1.006 | 0.18 | 0.043 | 0.049 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 8 | DSI7 | 42590 | 3500 | 20.33 | 21.00 | 1.167 | 62.9 | 1.006 | 0.16 | 0.041 | 0.048 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 8 | DSI7 | 42590 | 3500 | 19.47 | 20.00 | 1.130 | 62.9 | 1.006 | -0.1 | 0.042 | 0.048 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 7 | DSI7 | 55830 | 3609 | 21.19 | 21.70 | 1.124 | 62.9 | 1.006 | -0.17 | 0.102 | 0.115 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 7 | DSI7 | 55830 | 3609 | 21.09 | 21.70 | 1.151 | 62.9 | 1.006 | -0.09 | 0.116 | 0.134 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 7 | DSI7 | 55830 | 3609 | 21.19 | 21.70 | 1.124 | 62.9 | 1.006 | 0.18 | 0.116 | 0.131 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 7 | DSI7 | 55830 | 3609 | 21.09 | 21.70 | 1.151 | 62.9 | 1.006 | 0.01 | 0.166 | 0.192 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 55830 | 3609 | 23.71 | 25.20 | 1.409 | 62.9 | 1.006 | -0.15 | 0.132 | 0.187 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI7 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0.11 | 0.109 | 0.164 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 55830 | 3609 | 23.71 | 25.20 | 1.409 | 62.9 | 1.006 | -0.02 | 0.130 | 0.184 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI7 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0.06 | 0.115 | 0.173 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.13 | 0.062 | 0.090 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI7 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.18 | 0.049 | 0.069 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | -0.11 | 0.071 | 0.103 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI7 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.16 | 0.060 | 0.085 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 8 | DSI7 | 55830 | 3609 | 20.23 | 21.50 | 1.340 | 62.9 | 1.006 | -0.06 | 0.120 | 0.162 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 8 | DSI7 | 55830 | 3609 | 19.35 | 20.50 | 1.303 | 62.9 | 1.006 | -0.14 | 0.094 | 0.123 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 8 | DSI7 | 55830 | 3609 | 20.23 | 21.50 | 1.340 | 62.9 | 1.006 | -0.19 | 0.109 | 0.147 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 8 | DSI7 | 55830 | 3609 | 19.35 | 20.50 | 1.303 | 62.9 | 1.006 | 0.01 | 0.091 | 0.119 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 641666 | 3624.99 | 20.15 | 20.70 | 1.135 | - | - | -0.14 | 0.314 | 0.356 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 641666 | 3624.99 | 20.13 | 20.70 | 1.140 | - | - | -0.18 | 0.321 | 0.366 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 641666 | 3624.99 | 20.15 | 20.70 | 1.135 | - | - | -0.06 | 0.384 | 0.436 |
| 80 | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 641666 | 3624.99 | 20.13 | 20.70 | 1.140 | - | - | 0.04 | 0.396 | **0.452** |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 641666 | 3624.99 | 24.15 | 25.50 | 1.365 | - | - | -0.01 | 0.196 | 0.267 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 641666 | 3624.99 | 24.06 | 24.50 | 1.107 | - | - | -0.06 | 0.189 | 0.209 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 641666 | 3624.99 | 24.15 | 25.50 | 1.365 | - | - | -0.1 | 0.189 | 0.258 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 641666 | 3624.99 | 24.06 | 24.50 | 1.107 | - | - | 0.12 | 0.179 | 0.198 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 641666 | 3624.99 | 22.27 | 23.80 | 1.422 | - | - | 0.02 | 0.090 | 0.128 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 641666 | 3624.99 | 22.22 | 22.80 | 1.143 | - | - | 0.12 | 0.114 | 0.130 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 641666 | 3624.99 | 22.27 | 23.80 | 1.422 | - | - | -0.16 | 0.102 | 0.145 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 641666 | 3624.99 | 22.22 | 22.80 | 1.143 | - | - | -0.12 | 0.118 | 0.135 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 641666 | 3624.99 | 20.72 | 22.00 | 1.343 | - | - | -0.02 | 0.143 | 0.192 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 641666 | 3624.99 | 20.66 | 21.00 | 1.081 | - | - | -0.05 | 0.194 | 0.210 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 641666 | 3624.99 | 20.72 | 22.00 | 1.343 | - | - | -0.13 | 0.130 | 0.175 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 641666 | 3624.99 | 20.66 | 21.00 | 1.081 | - | - | 0.08 | 0.181 | 0.196 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 656000 | 3840 | 18.19 | 19.00 | 1.205 | - | - | 0.16 | 0.194 | 0.234 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 656000 | 3840 | 18.17 | 19.00 | 1.211 | - | - | 0.01 | 0.161 | 0.195 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 656000 | 3840 | 18.19 | 19.00 | 1.205 | - | - | -0.16 | 0.235 | 0.283 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 656000 | 3840 | 18.17 | 19.00 | 1.211 | - | - | 0.1 | 0.192 | 0.232 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 656000 | 3840 | 21.31 | 22.00 | 1.172 | 50 | 1.000 | -0.04 | 0.230 | 0.270 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.35 | 19.00 | 1.161 | - | - | 0 | 0.144 | 0.167 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.28 | 19.00 | 1.180 | - | - | -0.11 | 0.142 | 0.168 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.35 | 19.00 | 1.161 | - | - | -0.06 | 0.157 | 0.182 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.28 | 19.00 | 1.180 | - | - | -0.15 | 0.136 | 0.161 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 21.39 | 22.00 | 1.151 | 50 | 1.000 | 0.03 | 0.163 | 0.188 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 656000 | 3840 | 24.07 | 25.50 | 1.390 | - | - | 0.16 | 0.200 | 0.278 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 656000 | 3840 | 23.86 | 25.50 | 1.459 | - | - | -0.15 | 0.178 | 0.260 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 656000 | 3840 | 24.07 | 25.50 | 1.390 | - | - | -0.02 | 0.183 | 0.254 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 656000 | 3840 | 23.86 | 25.50 | 1.459 | - | - | -0.09 | 0.182 | 0.266 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 656000 | 3840 | 25.77 | 27.00 | 1.327 | 50 | 1.000 | 0.14 | 0.153 | 0.203 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 24.02 | 25.50 | 1.406 | - | - | -0.09 | 0.189 | 0.266 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 23.92 | 25.50 | 1.439 | - | - | 0.07 | 0.182 | 0.262 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 24.02 | 25.50 | 1.406 | - | - | -0.09 | 0.150 | 0.211 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 23.92 | 25.50 | 1.439 | - | - | -0.16 | 0.181 | 0.260 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 25.82 | 27.00 | 1.312 | 50 | 1.000 | -0.18 | 0.144 | 0.189 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 19.89 | 21.00 | 1.291 | - | - | 0.11 | 0.108 | 0.139 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 19.79 | 21.00 | 1.321 | - | - | -0.08 | 0.105 | 0.139 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 19.89 | 21.00 | 1.291 | - | - | -0.1 | 0.120 | 0.155 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 19.79 | 21.00 | 1.321 | - | - | -0.01 | 0.116 | 0.153 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 22.91 | 24.00 | 1.285 | 50 | 1.000 | -0.09 | 0.115 | 0.148 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 17.55 | 18.00 | 1.109 | - | - | -0.06 | 0.085 | 0.094 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 656000 | 3840 | 20.38 | 21.00 | 1.153 | 50 | 1.000 | -0.17 | 0.086 | 0.099 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 19.49 | 21.00 | 1.416 | - | - | -0.01 | 0.207 | 0.293 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 19.46 | 21.00 | 1.426 | - | - | -0.11 | 0.159 | 0.227 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 19.49 | 21.00 | 1.416 | - | - | 0.14 | 0.258 | 0.365 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 19.46 | 21.00 | 1.426 | - | - | 0.03 | 0.185 | 0.264 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 22.49 | 24.00 | 1.416 | 50 | 1.000 | 0.1 | 0.255 | 0.361 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 16.22 | 18.00 | 1.507 | - | - | 0.16 | 0.185 | 0.279 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 19.77 | 21.00 | 1.327 | 50 | 1.000 | -0.06 | 0.199 | 0.264 |
| 81 | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 23.42 | 25.00 | 1.439 | - | - | -0.03 | 0.459 | **0.660** |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 23.39 | 25.00 | 1.449 | - | - | -0.11 | 0.421 | 0.610 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 23.42 | 25.00 | 1.439 | - | - | -0.01 | 0.403 | 0.580 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 23.39 | 25.00 | 1.449 | - | - | 0.14 | 0.390 | 0.565 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 24.31 | 26.00 | 1.476 | 50 | 1.000 | 0.12 | 0.293 | 0.432 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 20.37 | 21.50 | 1.297 | - | - | -0.03 | 0.302 | 0.392 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 656000 | 3840 | 23.15 | 24.00 | 1.216 | 50 | 1.000 | -0.01 | 0.293 | 0.356 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.28 | 25.00 | 1.486 | - | - | 0.02 | 0.266 | 0.395 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.19 | 25.00 | 1.517 | - | - | -0.16 | 0.258 | 0.391 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.28 | 25.00 | 1.486 | - | - | 0.05 | 0.228 | 0.339 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.19 | 25.00 | 1.517 | - | - | -0.03 | 0.212 | 0.322 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 24.76 | 26.00 | 1.330 | 50 | 1.000 | 0.17 | 0.169 | 0.225 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 20.00 | 21.50 | 1.413 | - | - | -0.15 | 0.118 | 0.167 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 22.66 | 24.00 | 1.361 | 50 | 1.000 | 0.16 | 0.107 | 0.146 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 650000 | 3750 | 18.95 | 19.50 | 1.135 | - | - | 0.05 | 0.153 | 0.174 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 650000 | 3750 | 18.91 | 19.50 | 1.146 | - | - | -0.06 | 0.143 | 0.164 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 650000 | 3750 | 18.95 | 19.50 | 1.135 | - | - | -0.13 | 0.194 | 0.220 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 650000 | 3750 | 18.91 | 19.50 | 1.146 | - | - | -0.01 | 0.176 | 0.202 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 650000 | 3750 | 21.96 | 22.50 | 1.132 | 50 | 1.000 | -0.11 | 0.203 | 0.230 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.85 | 19.50 | 1.161 | - | - | -0.14 | 0.119 | 0.138 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.83 | 19.50 | 1.167 | - | - | -0.18 | 0.118 | 0.138 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.85 | 19.50 | 1.161 | - | - | -0.06 | 0.135 | 0.157 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 18.83 | 19.50 | 1.167 | - | - | 0.02 | 0.120 | 0.140 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI7 | 633334 | 3500.01 | 21.89 | 22.50 | 1.151 | 50 | 1.000 | 0.16 | 0.141 | 0.162 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 650000 | 3750 | 24.07 | 25.50 | 1.390 | - | - | -0.04 | 0.198 | 0.275 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 650000 | 3750 | 23.85 | 25.50 | 1.462 | - | - | 0.13 | 0.178 | 0.260 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 650000 | 3750 | 24.07 | 25.50 | 1.390 | - | - | 0.12 | 0.176 | 0.245 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 650000 | 3750 | 23.85 | 25.50 | 1.462 | - | - | 0.07 | 0.169 | 0.247 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 650000 | 3750 | 25.85 | 27.20 | 1.365 | 50 | 1.000 | 0.08 | 0.153 | 0.209 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 24.07 | 25.50 | 1.390 | - | - | -0.06 | 0.157 | 0.218 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 23.93 | 25.50 | 1.435 | - | - | 0 | 0.173 | 0.248 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 24.07 | 25.50 | 1.390 | - | - | -0.03 | 0.151 | 0.210 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 23.93 | 25.50 | 1.435 | - | - | 0.07 | 0.165 | 0.237 |
| | FR1 n78 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI7 | 633334 | 3500.01 | 25.57 | 27.20 | 1.455 | 50 | 1.000 | -0.12 | 0.125 | 0.182 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 18.58 | 19.50 | 1.236 | - | - | 0.02 | 0.162 | 0.200 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 18.51 | 19.50 | 1.256 | - | - | 0.12 | 0.161 | 0.202 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 18.58 | 19.50 | 1.236 | - | - | 0.02 | 0.178 | 0.220 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 18.51 | 19.50 | 1.256 | - | - | -0.03 | 0.139 | 0.175 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 21.61 | 22.50 | 1.227 | 50 | 1.000 | 0 | 0.183 | 0.225 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 15.15 | 16.50 | 1.365 | - | - | -0.1 | 0.119 | 0.162 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 650000 | 3750 | 18.52 | 19.50 | 1.253 | 50 | 1.000 | 0.05 | 0.121 | 0.152 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 18.98 | 19.50 | 1.127 | - | - | 0.07 | 0.188 | 0.212 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 18.91 | 19.50 | 1.146 | - | - | 0.15 | 0.132 | 0.151 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 18.98 | 19.50 | 1.127 | - | - | -0.05 | 0.239 | 0.269 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 18.91 | 19.50 | 1.146 | - | - | -0.08 | 0.173 | 0.198 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 22.05 | 22.50 | 1.109 | 50 | 1.000 | -0.08 | 0.233 | 0.258 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 14.89 | 16.50 | 1.449 | - | - | -0.13 | 0.155 | 0.225 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI7 | 633334 | 3500.01 | 17.95 | 19.50 | 1.429 | 50 | 1.000 | 0.01 | 0.150 | 0.214 |
| 82 | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 23.37 | 25.00 | 1.455 | - | - | 0.09 | 0.438 | **0.637** |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 23.24 | 25.00 | 1.500 | - | - | 0.02 | 0.401 | 0.601 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 23.37 | 25.00 | 1.455 | - | - | -0.16 | 0.357 | 0.520 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 23.24 | 25.00 | 1.500 | - | - | 0.05 | 0.367 | 0.550 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 24.46 | 26.00 | 1.426 | 50 | 1.000 | -0.03 | 0.265 | 0.378 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 20.38 | 21.50 | 1.294 | - | - | 0.17 | 0.347 | 0.449 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 650000 | 3750 | 23.39 | 24.00 | 1.151 | 50 | 1.000 | -0.15 | 0.323 | 0.372 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.31 | 25.00 | 1.476 | - | - | -0.11 | 0.267 | 0.394 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.25 | 25.00 | 1.496 | - | - | 0.03 | 0.234 | 0.350 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.31 | 25.00 | 1.476 | - | - | -0.05 | 0.251 | 0.370 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 23.25 | 25.00 | 1.496 | - | - | 0.14 | 0.227 | 0.340 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 25.48 | 26.00 | 1.127 | 50 | 1.000 | -0.01 | 0.224 | 0.252 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 19.82 | 21.50 | 1.472 | - | - | -0.12 | 0.120 | 0.177 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI7 | 633334 | 3500.01 | 22.66 | 24.00 | 1.361 | 50 | 1.000 | 0.07 | 0.112 | 0.152 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2450MHz** | | | | | | | | | | | | | | | | |
| 83 | WLAN2.4GHz | 802.11b 1Mbps | Front | 15mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | -0.05 | 0.158 | **0.180** |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 15mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.08 | 0.112 | 0.128 |
| 84 | Bluetooth | 1Mbps | Front | 15mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | -0.09 | 0.028 | **0.043** |
| | Bluetooth | 1Mbps | Back | 15mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.01 | 0.000 | 0.000 |
| | Bluetooth | 1Mbps | Front | 15mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | -0.08 | 0.017 | 0.025 |
| | Bluetooth | 1Mbps | Back | 15mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.03 | 0.000 | 0.000 |
| **5000MHz** | | | | | | | | | | | | | | | | |
| | WLAN5.3GHz | 802.11a 6Mbps | Front | 15mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.181 | 99.32 | 1.007 | -0.08 | 0.149 | 0.177 |
| | WLAN5.3GHz | 802.11a 6Mbps | Back | 15mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.181 | 99.32 | 1.007 | -0.08 | 0.195 | 0.232 |
| | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Front | 15mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.08 | 0.172 | 0.213 |
| | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Back | 15mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.08 | 0.253 | 0.313 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Front | 15mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | 0.1 | 0.212 | 0.244 |
| 85 | WLAN5.8GHz | 802.11n-HT40 MCS0 | Back | 15mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | -0.02 | 0.239 | **0.275** |

<Flip Close >

| 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 12 | 10M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 23095 | 707.5 | 24.64 | 25.50 | 1.219 | - | - | -0.14 | 0.106 | 0.129 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 23095 | 707.5 | 23.58 | 24.50 | 1.236 | - | - | -0.05 | 0.096 | 0.119 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 23095 | 707.5 | 24.64 | 25.50 | 1.219 | - | - | 0.18 | 0.035 | 0.043 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 23095 | 707.5 | 23.58 | 24.50 | 1.236 | - | - | 0.14 | 0.033 | 0.041 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | -0.1 | 0.045 | 0.055 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | 0.01 | 0.000 | 0.000 |
| | LTE Band 12 | 10M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 23095 | 707.5 | 24.83 | 25.70 | 1.222 | - | - | 0.11 | 0.166 | 0.203 |
| | LTE Band 12 | 10M | QPSK | 25 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 23095 | 707.5 | 24.05 | 24.70 | 1.161 | - | - | -0.15 | 0.134 | 0.156 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 141500 | 707.5 | 25.01 | 25.70 | 1.172 | - | - | -0.09 | 0.102 | 0.120 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 141500 | 707.5 | 24.92 | 25.70 | 1.197 | - | - | 0.14 | 0.125 | 0.150 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 141500 | 707.5 | 25.01 | 25.70 | 1.172 | - | - | -0.05 | 0.049 | 0.057 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 141500 | 707.5 | 24.92 | 25.70 | 1.197 | - | - | -0.08 | 0.060 | 0.072 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | -0.03 | 0.000 | 0.000 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.08 | 0.040 | 0.046 |
| | FR1 n12 | 15M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 141500 | 707.5 | 25.17 | 25.70 | 1.130 | - | - | -0.07 | 0.136 | 0.154 |
| | FR1 n12 | 15M | QPSK | 36 | 22 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 141500 | 707.5 | 25.10 | 25.70 | 1.148 | - | - | 0.07 | 0.158 | 0.181 |
| **835MHz** | | | | | | | | | | | | | | | | | | | | |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 1 | DSI3 | 189 | 836.4 | 26.86 | 28.00 | 1.300 | - | - | -0.09 | 0.157 | 0.204 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 1 | DSI3 | 189 | 836.4 | 26.86 | 28.00 | 1.300 | - | - | 0.1 | 0.077 | 0.100 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 0 | DSI3 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | 0.16 | 0.001 | 0.001 |
| | GSM850 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 0 | DSI3 | 189 | 836.4 | 27.15 | 28.50 | 1.365 | - | - | 0.05 | 0.139 | 0.190 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 1 | DSI3 | 4182 | 836.4 | 24.37 | 25.50 | 1.297 | - | - | -0.06 | 0.214 | 0.278 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 1 | DSI3 | 4182 | 836.4 | 24.37 | 25.50 | 1.297 | - | - | 0.11 | 0.105 | 0.136 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 0 | DSI3 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | -0.01 | 0.068 | 0.081 |
| | WCDMA V | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 0 | DSI3 | 4182 | 836.4 | 24.95 | 25.70 | 1.189 | - | - | -0.01 | 0.242 | 0.288 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 26865 | 831.5 | 24.54 | 25.50 | 1.247 | - | - | 0.01 | 0.197 | 0.246 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 26865 | 831.5 | 23.54 | 24.50 | 1.247 | - | - | -0.17 | 0.175 | 0.218 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 26865 | 831.5 | 24.54 | 25.50 | 1.247 | - | - | 0.17 | 0.120 | 0.150 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 26865 | 831.5 | 23.54 | 24.50 | 1.247 | - | - | -0.05 | 0.103 | 0.128 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | 0.19 | 0.064 | 0.078 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | 0.07 | 0.053 | 0.064 |
| | LTE Band 26 | 15M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 26865 | 831.5 | 24.84 | 25.70 | 1.219 | - | - | 0.06 | 0.229 | 0.279 |
| | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 26865 | 831.5 | 23.91 | 24.70 | 1.199 | - | - | -0.18 | 0.183 | 0.220 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 166300 | 831.5 | 25.31 | 25.70 | 1.094 | - | - | -0.04 | 0.256 | 0.280 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 166300 | 831.5 | 25.13 | 25.70 | 1.140 | - | - | -0.11 | 0.245 | 0.279 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 166300 | 831.5 | 25.31 | 25.70 | 1.094 | - | - | -0.12 | 0.185 | 0.202 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 166300 | 831.5 | 25.13 | 25.70 | 1.140 | - | - | 0.03 | 0.174 | 0.198 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | -0.02 | 0.062 | 0.066 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | 0.15 | 0.062 | 0.067 |
| | FR1 n26 | 20M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 166300 | 831.5 | 25.44 | 25.70 | 1.062 | - | - | -0.09 | 0.226 | 0.240 |
| | FR1 n26 | 20M | QPSK | 50 | 28 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 166300 | 831.5 | 25.37 | 25.70 | 1.079 | - | - | -0.09 | 0.220 | 0.237 |
| **1750MHz** | | | | | | | | | | | | | | | | | | | | |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 5 | DSI3 | 1413 | 1732.6 | 24.17 | 25.00 | 1.211 | - | - | 0.09 | 0.412 | 0.499 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 5 | DSI3 | 1413 | 1732.6 | 24.17 | 25.00 | 1.211 | - | - | 0.14 | 0.205 | 0.248 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 6 | DSI3 | 1413 | 1732.6 | 23.36 | 25.00 | 1.459 | - | - | 0.05 | 0.291 | 0.425 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 6 | DSI3 | 1413 | 1732.6 | 23.36 | 25.00 | 1.459 | - | - | -0.03 | 0.117 | 0.171 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 0 | DSI3 | 1413 | 1732.6 | 22.15 | 23.80 | 1.462 | - | - | 0.02 | 0.001 | 0.001 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 0 | DSI3 | 1413 | 1732.6 | 22.15 | 23.80 | 1.462 | - | - | 0.07 | 0.104 | 0.152 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 1 | DSI3 | 1413 | 1732.6 | 21.35 | 23.00 | 1.462 | - | - | 0.13 | 0.090 | 0.132 |
| | WCDMA IV | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 1 | DSI3 | 1413 | 1732.6 | 21.35 | 23.00 | 1.462 | - | - | -0.18 | 0.000 | 0.000 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 20175 | 1732.5 | 24.79 | 25.70 | 1.233 | - | - | -0.01 | 0.487 | 0.601 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 20175 | 1732.5 | 23.69 | 24.70 | 1.262 | - | - | 0.01 | 0.418 | 0.527 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 20175 | 1732.5 | 24.79 | 25.70 | 1.233 | - | - | 0.1 | 0.232 | 0.286 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 20175 | 1732.5 | 23.69 | 24.70 | 1.262 | - | - | -0.17 | 0.195 | 0.246 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 20175 | 1732.5 | 23.99 | 25.70 | 1.483 | - | - | 0.01 | 0.259 | 0.384 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 20175 | 1732.5 | 23.36 | 24.70 | 1.361 | - | - | 0.03 | 0.214 | 0.291 |
| | LTE Band 4 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 20175 | 1732.5 | 23.99 | 25.70 | 1.483 | - | - | -0.15 | 0.090 | 0.133 |
| | LTE Band 4 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 20175 | 1732.5 | 23.36 | 24.70 | 1.361 | - | - | -0.15 | 0.074 | 0.101 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 20175 | 1732.5 | 22.70 | 23.20 | 1.122 | - | - | 0.02 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 20175 | 1732.5 | 22.65 | 23.20 | 1.135 | - | - | 0.16 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 20175 | 1732.5 | 22.70 | 23.20 | 1.122 | - | - | -0.03 | 0.180 | 0.202 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 20175 | 1732.5 | 22.65 | 23.20 | 1.135 | - | - | 0.07 | 0.187 | 0.212 |
| | LTE Band 4 Main PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 20175 | 1732.5 | 20.41 | 21.50 | 1.285 | - | - | 0 | 0.109 | 0.140 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 20175 | 1732.5 | 20.93 | 21.70 | 1.194 | - | - | -0.01 | 0.056 | 0.067 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 20175 | 1732.5 | 20.91 | 21.70 | 1.199 | - | - | -0.06 | 0.064 | 0.077 |
| | LTE Band 4 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 20175 | 1732.5 | 20.93 | 21.70 | 1.194 | - | - | -0.04 | 0.000 | 0.000 |
| | LTE Band 4 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 20175 | 1732.5 | 20.91 | 21.70 | 1.199 | - | - | -0.09 | 0.000 | 0.000 |
| | LTE Band 4 Main PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 20175 | 1732.5 | 18.55 | 20.00 | 1.396 | - | - | -0.17 | 0.045 | 0.063 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 132322 | 1745 | 24.84 | 25.70 | 1.219 | - | - | -0.01 | 0.482 | 0.588 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 132322 | 1745 | 23.61 | 24.70 | 1.285 | - | - | 0.04 | 0.414 | 0.532 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 132322 | 1745 | 24.84 | 25.70 | 1.219 | - | - | -0.01 | 0.225 | 0.274 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 132322 | 1745 | 23.61 | 24.70 | 1.285 | - | - | -0.08 | 0.178 | 0.229 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 132322 | 1745 | 23.99 | 25.70 | 1.483 | - | - | 0.02 | 0.274 | 0.406 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 132322 | 1745 | 23.43 | 24.70 | 1.340 | - | - | 0.11 | 0.223 | 0.299 |
| | LTE Band 66 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 132322 | 1745 | 23.99 | 25.70 | 1.483 | - | - | -0.08 | 0.090 | 0.133 |
| | LTE Band 66 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 132322 | 1745 | 23.43 | 24.70 | 1.340 | - | - | -0.17 | 0.077 | 0.103 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 132322 | 1745 | 23.86 | 24.20 | 1.081 | - | - | -0.1 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 132322 | 1745 | 23.82 | 24.20 | 1.091 | - | - | 0.18 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 132322 | 1745 | 23.86 | 24.20 | 1.081 | - | - | -0.17 | 0.240 | 0.260 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 132322 | 1745 | 23.82 | 24.20 | 1.091 | - | - | -0.05 | 0.254 | 0.277 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 132322 | 1745 | 21.06 | 22.50 | 1.393 | - | - | 0.01 | 0.161 | 0.224 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 132322 | 1745 | 18.97 | 19.20 | 1.054 | - | - | -0.13 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 132322 | 1745 | 18.91 | 19.20 | 1.069 | - | - | 0.02 | 0.042 | 0.045 |
| | LTE Band 66 Other PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 132322 | 1745 | 18.97 | 19.20 | 1.054 | - | - | -0.09 | 0.000 | 0.000 |
| | LTE Band 66 Other PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 132322 | 1745 | 18.91 | 19.20 | 1.069 | - | - | 0.05 | 0.000 | 0.000 |
| | LTE Band 66 Main PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 132322 | 1745 | 15.54 | 17.20 | 1.466 | - | - | -0.01 | 0.001 | 0.001 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 349000 | 1745 | 25.25 | 25.70 | 1.109 | - | - | 0.08 | 0.424 | 0.470 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 349000 | 1745 | 24.95 | 25.70 | 1.189 | - | - | 0.16 | 0.436 | 0.518 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI3 | 349000 | 1745 | 25.25 | 25.70 | 1.109 | - | - | 0.01 | 0.228 | 0.253 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI3 | 349000 | 1745 | 24.95 | 25.70 | 1.189 | - | - | 0.03 | 0.204 | 0.242 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI3 | 349000 | 1745 | 25.06 | 25.70 | 1.159 | - | - | 0.11 | 0.214 | 0.248 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI3 | 349000 | 1745 | 24.83 | 25.70 | 1.222 | - | - | 0.1 | 0.222 | 0.271 |
| | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI3 | 349000 | 1745 | 25.06 | 25.70 | 1.159 | - | - | -0.08 | 0.094 | 0.109 |
| | FR1 n66 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI3 | 349000 | 1745 | 24.83 | 25.70 | 1.222 | - | - | 0.16 | 0.079 | 0.097 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 349000 | 1745 | 19.39 | 19.70 | 1.074 | - | - | 0.05 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 349000 | 1745 | 19.35 | 19.70 | 1.084 | - | - | -0.03 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 349000 | 1745 | 19.39 | 19.70 | 1.074 | - | - | -0.15 | 0.082 | 0.088 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 349000 | 1745 | 19.35 | 19.70 | 1.084 | - | - | 0.07 | 0.093 | 0.101 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 349000 | 1745 | 16.70 | 18.20 | 1.413 | - | - | 0.01 | 0.053 | 0.075 |
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 349000 | 1745 | 20.85 | 21.20 | 1.084 | - | - | 0.13 | 0.071 | 0.077 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 349000 | 1745 | 20.81 | 21.20 | 1.094 | - | - | -0.03 | 0.076 | 0.083 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n66 Other PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 349000 | 1745 | 20.85 | 21.20 | 1.084 | - | - | 0.02 | 0.000 | 0.000 |
| | FR1 n66 Other PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 349000 | 1745 | 20.81 | 21.20 | 1.094 | - | - | 0.16 | 0.000 | 0.000 |
| | FR1 n66 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 349000 | 1745 | 17.71 | 19.00 | 1.346 | - | - | 0.01 | 0.049 | 0.066 |
| **1900MHz** | | | | | | | | | | | | | | | | | | | | |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 5 | DSI3 | 661 | 1880 | 23.13 | 25.00 | 1.538 | - | - | 0.19 | 0.118 | 0.182 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 5 | DSI3 | 661 | 1880 | 23.13 | 25.00 | 1.538 | - | - | 0.12 | 0.041 | 0.063 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Front | 15mm | Ant 6 | DSI3 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | -0.18 | 0.064 | 0.078 |
| | GSM1900 | - | - | - | - | GPRS (4 Tx slots) | Back | 15mm | Ant 6 | DSI3 | 661 | 1880 | 23.66 | 24.50 | 1.213 | - | - | -0.11 | 0.010 | 0.012 |
| 86 | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 5 | DSI3 | 9400 | 1880 | 24.15 | 25.00 | 1.216 | - | - | -0.17 | 0.365 | **0.444** |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 5 | DSI3 | 9400 | 1880 | 24.15 | 25.00 | 1.216 | - | - | -0.17 | 0.173 | 0.210 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Front | 15mm | Ant 6 | DSI3 | 9400 | 1880 | 23.54 | 25.00 | 1.400 | - | - | -0.06 | 0.182 | 0.255 |
| | WCDMA II | - | - | - | - | RMC 12.2Kbps | Back | 15mm | Ant 6 | DSI3 | 9400 | 1880 | 23.54 | 25.00 | 1.400 | - | - | -0.15 | 0.058 | 0.081 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 18900 | 1880 | 23.99 | 25.00 | 1.262 | - | - | 0.02 | 0.315 | 0.397 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 18900 | 1880 | 23.07 | 24.00 | 1.239 | - | - | 0.05 | 0.254 | 0.315 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 18900 | 1880 | 23.99 | 25.00 | 1.262 | - | - | 0.06 | 0.132 | 0.167 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 18900 | 1880 | 23.07 | 24.00 | 1.239 | - | - | -0.09 | 0.109 | 0.135 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 18900 | 1880 | 23.36 | 25.00 | 1.459 | - | - | -0.03 | 0.201 | 0.293 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 18900 | 1880 | 22.55 | 24.00 | 1.396 | - | - | -0.08 | 0.164 | 0.229 |
| | LTE Band 2 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 18900 | 1880 | 23.36 | 25.00 | 1.459 | - | - | -0.04 | 0.082 | 0.120 |
| | LTE Band 2 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 18900 | 1880 | 22.55 | 24.00 | 1.396 | - | - | -0.08 | 0.068 | 0.095 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 376000 | 1880 | 24.46 | 25.30 | 1.213 | - | - | -0.02 | 0.402 | 0.488 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 376000 | 1880 | 24.34 | 25.30 | 1.247 | - | - | -0.17 | 0.375 | 0.468 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI3 | 376000 | 1880 | 24.46 | 25.30 | 1.213 | - | - | -0.1 | 0.155 | 0.188 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI3 | 376000 | 1880 | 24.34 | 25.30 | 1.247 | - | - | 0.18 | 0.163 | 0.203 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI3 | 376000 | 1880 | 23.91 | 25.20 | 1.346 | - | - | -0.01 | 0.132 | 0.178 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI3 | 376000 | 1880 | 23.73 | 25.20 | 1.403 | - | - | -0.06 | 0.124 | 0.174 |
| | FR1 n2 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI3 | 376000 | 1880 | 23.91 | 25.20 | 1.346 | - | - | -0.04 | 0.052 | 0.070 |
| | FR1 n2 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI3 | 376000 | 1880 | 23.73 | 25.20 | 1.403 | - | - | -0.09 | 0.042 | 0.059 |
| **2600MHz** | | | | | | | | | | | | | | | | | | | | |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 21100 | 2535 | 24.95 | 25.70 | 1.189 | - | - | 0.05 | 0.479 | 0.569 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 5 | DSI3 | 21100+ 21298 | 2535+ 2554.8 | 24.15 | 25.70 | 1.429 | - | - | 0.09 | 0.385 | 0.550 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 21100 | 2535 | 23.96 | 24.70 | 1.186 | - | - | -0.08 | 0.389 | 0.461 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 21100 | 2535 | 24.95 | 25.70 | 1.189 | - | - | 0.13 | 0.167 | 0.198 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 21100 | 2535 | 23.96 | 24.70 | 1.186 | - | - | 0.12 | 0.141 | 0.167 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 21100 | 2535 | 23.91 | 25.70 | 1.510 | - | - | -0.03 | **0.333** | 0.503 |
| | LTE Band 7C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 6 | DSI3 | 21100+ 21298 | 2535+ 2554.8 | 23.79 | 25.70 | 1.552 | - | - | 0.09 | 0.312 | 0.484 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 21100 | 2535 | 22.99 | 24.70 | 1.483 | - | - | 0.18 | 0.277 | 0.411 |
| | LTE Band 7 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 21100 | 2535 | 23.91 | 25.70 | 1.510 | - | - | -0.04 | 0.115 | 0.174 |
| | LTE Band 7 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 21100 | 2535 | 22.99 | 24.70 | 1.483 | - | - | -0.08 | 0.098 | 0.145 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 21100 | 2535 | 24.16 | 24.70 | 1.132 | - | - | -0.13 | 0.078 | 0.088 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 21100 | 2535 | 23.16 | 24.70 | 1.426 | - | - | 0.17 | 0.076 | 0.108 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 21100 | 2535 | 24.16 | 24.70 | 1.132 | - | - | 0.06 | 0.181 | 0.205 |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 0 | DSI3 | 21100+ 21298 | 2535+ 2554.8 | 23.14 | 24.70 | 1.432 | - | - | -0.01 | 0.142 | 0.203 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 21100 | 2535 | 23.16 | 24.70 | 1.426 | - | - | 0 | 0.130 | 0.185 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 21100 | 2535 | 23.04 | 23.50 | 1.112 | - | - | -0.04 | 0.099 | 0.110 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 21100 | 2535 | 21.61 | 22.20 | 1.146 | - | - | 0.11 | 0.133 | 0.152 |
| | LTE Band 7C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 1 | DSI3 | 21100+ 21298 | 2535+ 2554.8 | 21.35 | 22.20 | 1.216 | - | - | 0.09 | 0.112 | 0.136 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 21100 | 2535 | 21.56 | 22.20 | 1.159 | - | - | -0.02 | 0.126 | 0.146 |
| | LTE Band 7 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 21100 | 2535 | 21.61 | 22.20 | 1.146 | - | - | 0.1 | 0.059 | 0.068 |
| | LTE Band 7 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 21100 | 2535 | 21.56 | 22.20 | 1.159 | - | - | 0.04 | 0.056 | 0.065 |
| | LTE Band 7 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 21100 | 2535 | 19.83 | 21.00 | 1.309 | - | - | 0.13 | 0.072 | 0.094 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 38000 | 2595 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | -0.02 | 0.363 | 0.406 |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 5 | DSI3 | 37901+38099 | 2585.1+2604.9 | 24.21 | 25.70 | 1.409 | 62.9 | 1.006 | 0.01 | 0.281 | 0.398 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 38000 | 2595 | 24.32 | 24.70 | 1.091 | 62.9 | 1.006 | 0.03 | 0.297 | 0.326 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 38000 | 2595 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | 0.18 | 0.088 | 0.098 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 38000 | 2595 | 24.32 | 24.70 | 1.091 | 62.9 | 1.006 | 0.16 | 0.067 | 0.074 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 38000 | 2595 | 23.99 | 25.50 | 1.416 | 62.9 | 1.006 | -0.05 | 0.177 | 0.252 |
| | LTE Band 38C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 6 | DSI3 | 37901+38099 | 2585.1+2604.9 | 23.95 | 25.50 | 1.429 | 62.9 | 1.006 | 0.06 | 0.160 | 0.230 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 38000 | 2595 | 23.11 | 24.50 | 1.377 | 62.9 | 1.006 | -0.13 | 0.133 | 0.184 |
| | LTE Band 38 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 38000 | 2595 | 23.99 | 25.50 | 1.416 | 62.9 | 1.006 | -0.13 | 0.085 | 0.121 |
| | LTE Band 38 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 38000 | 2595 | 23.11 | 24.50 | 1.377 | 62.9 | 1.006 | 0.06 | 0.066 | 0.091 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 38000 | 2595 | 25.27 | 25.70 | 1.104 | 62.9 | 1.006 | -0.03 | 0.045 | 0.050 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 38000 | 2595 | 24.49 | 24.70 | 1.050 | 62.9 | 1.006 | -0.03 | 0.000 | 0.000 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 38000 | 2595 | 25.27 | 25.70 | 1.104 | 62.9 | 1.006 | 0.08 | 0.103 | 0.114 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 0 | DSI3 | 37901+38099 | 2585.1+2604.9 | 24.92 | 25.70 | 1.197 | 62.9 | 1.006 | 0.05 | 0.085 | 0.102 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 38000 | 2595 | 24.49 | 24.70 | 1.050 | 62.9 | 1.006 | -0.07 | 0.083 | 0.088 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 38000 | 2595 | 23.29 | 24.00 | 1.178 | - | - | 0.05 | 0.068 | 0.080 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 38000 | 2595 | 23.24 | 23.70 | 1.112 | 62.9 | 1.006 | -0.12 | 0.115 | 0.129 |
| | LTE Band 38C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 1 | DSI3 | 37901+38099 | 2585.1+2604.9 | 22.86 | 23.70 | 1.213 | 62.9 | 1.006 | 0.09 | 0.101 | 0.123 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 38000 | 2595 | 23.16 | 23.70 | 1.132 | 62.9 | 1.006 | 0.03 | 0.112 | 0.128 |
| | LTE Band 38 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 38000 | 2595 | 23.24 | 23.70 | 1.112 | 62.9 | 1.006 | -0.16 | 0.041 | 0.046 |
| | LTE Band 38 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 38000 | 2595 | 23.16 | 23.70 | 1.132 | 62.9 | 1.006 | -0.02 | 0.044 | 0.050 |
| | LTE Band 38 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 38000 | 2595 | 21.27 | 22.00 | 1.183 | - | - | 0.15 | 0.055 | 0.065 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 40620 | 2593 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | 0.11 | 0.362 | 0.405 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 5 | DSI3 | 40620+40818 | 2593+2612.8 | 24.86 | 25.70 | 1.213 | 62.9 | 1.006 | 0.09 | 0.322 | 0.393 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 5 | DSI3 | 40620 | 2593 | 24.06 | 24.70 | 1.159 | 62.9 | 1.006 | -0.1 | 0.254 | 0.296 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 40620 | 2593 | 25.24 | 25.70 | 1.112 | 62.9 | 1.006 | 0.07 | 0.078 | 0.087 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 5 | DSI3 | 40620 | 2593 | 24.06 | 24.70 | 1.159 | 62.9 | 1.006 | 0.18 | 0.060 | 0.070 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 40620 | 2593 | 24.01 | 25.50 | 1.409 | 62.9 | 1.006 | -0.06 | 0.134 | 0.190 |
| | LTE Band 41C | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 6 | DSI3 | 40620+40818 | 2593+2612.8 | 23.89 | 25.50 | 1.449 | 62.9 | 1.006 | 0.05 | 0.111 | 0.162 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 40620 | 2593 | 23.02 | 24.50 | 1.406 | 62.9 | 1.006 | -0.14 | 0.111 | 0.157 |
| | LTE Band 41 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 40620 | 2593 | 24.01 | 25.50 | 1.409 | 62.9 | 1.006 | -0.19 | 0.068 | 0.096 |
| | LTE Band 41 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 40620 | 2593 | 23.02 | 24.50 | 1.406 | 62.9 | 1.006 | 0.01 | 0.053 | 0.075 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 40620 | 2593 | 25.34 | 25.70 | 1.086 | 62.9 | 1.006 | 0.02 | 0.046 | 0.050 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 0 | DSI3 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | 0.12 | 0.000 | 0.000 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 40620 | 2593 | 25.34 | 25.70 | 1.086 | 62.9 | 1.006 | -0.16 | 0.099 | 0.108 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Back | 15mm | Ant 0 | DSI3 | 40620+40818 | 2593+2612.8 | 24.99 | 25.70 | 1.178 | 62.9 | 1.006 | -0.02 | 0.066 | 0.078 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 40620 | 2593 | 24.39 | 24.70 | 1.074 | 62.9 | 1.006 | -0.12 | 0.082 | 0.089 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 0 | DSI3 | 40620 | 2593 | 23.17 | 24.00 | 1.211 | - | - | 0.07 | 0.063 | 0.076 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 40620 | 2593 | 23.25 | 23.70 | 1.109 | 62.9 | 1.006 | -0.05 | 0.111 | 0.124 |
| | LTE Band 41C Other_PA | 20M | QPSK | 1 | 99 | - | Front | 15mm | Ant 1 | DSI3 | 40620+40818 | 2593+2612.8 | 23.05 | 23.70 | 1.161 | 62.9 | 1.006 | 0.04 | 0.081 | 0.095 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 40620 | 2593 | 23.23 | 23.70 | 1.114 | 62.9 | 1.006 | -0.13 | 0.109 | 0.122 |
| | LTE Band 41 Other_PA | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 40620 | 2593 | 23.25 | 23.70 | 1.109 | 62.9 | 1.006 | 0.08 | 0.041 | 0.046 |
| | LTE Band 41 Other_PA | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 40620 | 2593 | 23.23 | 23.70 | 1.114 | 62.9 | 1.006 | 0.16 | 0.042 | 0.047 |
| | LTE Band 41 Main PA | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 40620 | 2593 | 21.24 | 22.00 | 1.191 | - | - | 0.01 | 0.059 | 0.070 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 507000 | 2535 | 25.37 | 25.70 | 1.079 | - | - | 0.09 | 0.556 | 0.600 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 507000 | 2535 | 25.27 | 25.70 | 1.104 | - | - | -0.01 | 0.570 | 0.629 |
| | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Front | 15mm | Ant 5 | DSI3 | 507000 | 2535 | 24.35 | 24.70 | 1.084 | - | - | 0.04 | 0.448 | 0.486 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI3 | 507000 | 2535 | 25.37 | 25.70 | 1.079 | - | - | 0.11 | 0.262 | 0.283 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 5 | DSI3 | 507000 | 2535 | 25.27 | 25.70 | 1.104 | - | - | -0.13 | 0.223 | 0.246 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI3 | 507000 | 2535 | 23.91 | 25.20 | 1.346 | - | - | -0.09 | 0.330 | 0.444 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 6 | DSI3 | 507000 | 2535 | 23.73 | 25.20 | 1.403 | - | - | -0.11 | 0.306 | 0.429 |
| | FR1 n7 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI3 | 507000 | 2535 | 23.91 | 25.20 | 1.346 | - | - | 0.17 | 0.169 | 0.227 |
| | FR1 n7 | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 6 | DSI3 | 507000 | 2535 | 23.73 | 25.20 | 1.403 | - | - | -0.16 | 0.174 | 0.244 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 507000 | 2535 | 24.77 | 25.20 | 1.104 | - | - | 0.11 | 0.072 | 0.079 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 0 | DSI3 | 507000 | 2535 | 24.72 | 25.20 | 1.117 | - | - | -0.05 | 0.069 | 0.077 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 507000 | 2535 | 24.77 | 25.20 | 1.104 | - | - | -0.01 | 0.183 | 0.202 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 507000 | 2535 | 24.72 | 25.20 | 1.117 | - | - | -0.14 | 0.176 | 0.197 |
| | FR1 n7 Main PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 0 | DSI3 | 507000 | 2535 | 23.51 | 24.00 | 1.119 | - | - | -0.15 | 0.122 | 0.137 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 507000 | 2535 | 21.87 | 22.20 | 1.079 | - | - | -0.17 | 0.132 | 0.142 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 507000 | 2535 | 21.85 | 22.20 | 1.084 | - | - | 0.08 | 0.137 | 0.148 |
| | FR1 n7 Other_PA | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 507000 | 2535 | 21.87 | 22.20 | 1.079 | - | - | 0.01 | 0.053 | 0.057 |
| | FR1 n7 Other_PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Back | 15mm | Ant 1 | DSI3 | 507000 | 2535 | 21.85 | 22.20 | 1.084 | - | - | 0.02 | 0.057 | 0.062 |
| | FR1 n7 Main PA | 40M | QPSK | 108 | 54 | DFT-SCS-15KHz | Front | 15mm | Ant 1 | DSI3 | 507000 | 2535 | 20.27 | 21.00 | 1.183 | - | - | -0.11 | 0.093 | 0.110 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI3 | 519000 | 2595 | 25.17 | 25.70 | 1.130 | - | - | 0.03 | 0.692 | 0.782 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI3 | 519000 | 2595 | 24.91 | 25.70 | 1.199 | - | - | 0.09 | 0.651 | 0.781 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI3 | 519000 | 2595 | 25.17 | 25.70 | 1.130 | - | - | -0.04 | 0.160 | 0.181 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI3 | 519000 | 2595 | 24.91 | 25.70 | 1.199 | - | - | 0.15 | 0.128 | 0.154 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 519000 | 2595 | 24.69 | 25.50 | 1.205 | - | - | 0.09 | 0.204 | 0.246 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 519000 | 2595 | 24.40 | 24.50 | 1.023 | - | - | -0.16 | 0.255 | 0.261 |
| | FR1 n38 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 519000 | 2595 | 24.69 | 25.50 | 1.205 | - | - | 0.05 | 0.173 | 0.208 |
| | FR1 n38 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 519000 | 2595 | 24.40 | 24.50 | 1.023 | - | - | 0.08 | 0.154 | 0.158 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI3 | 519000 | 2595 | 23.56 | 24.70 | 1.300 | - | - | -0.03 | 0.064 | 0.083 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI3 | 519000 | 2595 | 23.35 | 24.70 | 1.365 | - | - | -0.04 | 0.059 | 0.081 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI3 | 519000 | 2595 | 23.56 | 24.70 | 1.300 | - | - | -0.09 | 0.159 | 0.207 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI3 | 519000 | 2595 | 23.35 | 24.70 | 1.365 | - | - | 0.18 | 0.140 | 0.191 |
| | FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI3 | 519000 | 2595 | 22.82 | 23.00 | 1.042 | - | - | 0.11 | 0.090 | 0.094 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 519000 | 2595 | 21.96 | 22.20 | 1.057 | - | - | -0.03 | 0.153 | 0.162 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 519000 | 2595 | 21.94 | 22.20 | 1.062 | - | - | 0.09 | 0.146 | 0.155 |
| | FR1 n38 Other_PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 519000 | 2595 | 21.96 | 22.20 | 1.057 | - | - | -0.08 | 0.060 | 0.063 |
| | FR1 n38 Other_PA | 40M | BPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 519000 | 2595 | 21.94 | 22.20 | 1.062 | - | - | -0.05 | 0.052 | 0.055 |
| | FR1 n38 Main PA | 40M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 519000 | 2595 | 19.99 | 20.50 | 1.125 | - | - | -0.03 | 0.106 | 0.119 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI3 | 518598 | 2592.99 | 25.18 | 25.70 | 1.127 | - | - | -0.09 | 0.604 | 0.681 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 5 | DSI3 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | -0.08 | 0.539 | 0.623 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI3 | 518598 | 2592.99 | 25.18 | 25.70 | 1.127 | - | - | -0.08 | 0.196 | 0.221 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 5 | DSI3 | 518598 | 2592.99 | 25.07 | 25.70 | 1.156 | - | - | 0.1 | 0.119 | 0.138 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 518598 | 2592.99 | 24.25 | 25.70 | 1.396 | - | - | -0.15 | 0.244 | 0.341 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 518598 | 2592.99 | 24.19 | 25.70 | 1.416 | - | - | -0.15 | 0.241 | 0.341 |
| | FR1 n41 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 518598 | 2592.99 | 24.25 | 25.70 | 1.396 | - | - | 0.11 | 0.144 | 0.201 |
| | FR1 n41 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 518598 | 2592.99 | 24.19 | 25.70 | 1.416 | - | - | -0.08 | 0.139 | 0.197 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI3 | 518598 | 2592.99 | 24.12 | 24.70 | 1.143 | - | - | -0.08 | 0.056 | 0.064 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 0 | DSI3 | 518598 | 2592.99 | 23.99 | 24.70 | 1.178 | - | - | -0.04 | 0.054 | 0.064 |
| | FR1 n41 Other_PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI3 | 518598 | 2592.99 | 24.12 | 24.70 | 1.143 | - | - | -0.08 | 0.172 | 0.197 |
| | FR1 n41 Other_PA | 100M | BPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI3 | 518598 | 2592.99 | 23.99 | 24.70 | 1.178 | - | - | 0.17 | 0.153 | 0.180 |
| | FR1 n41 Main PA | 100M | BPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 0 | DSI3 | 518598 | 2592.99 | 22.63 | 23.00 | 1.089 | - | - | 0.18 | 0.106 | 0.115 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 518598 | 2592.99 | 21.46 | 22.20 | 1.186 | - | - | -0.08 | 0.118 | 0.140 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 518598 | 2592.99 | 21.42 | 22.20 | 1.197 | - | - | -0.13 | 0.108 | 0.129 |
| | FR1 n41 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 518598 | 2592.99 | 21.46 | 22.20 | 1.186 | - | - | -0.13 | 0.060 | 0.071 |
| | FR1 n41 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 518598 | 2592.99 | 21.42 | 22.20 | 1.197 | - | - | 0.06 | 0.054 | 0.065 |
| | FR1 n41 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 518598 | 2592.99 | 19.79 | 20.50 | 1.178 | - | - | -0.03 | 0.085 | 0.100 |
| | **3500MHz** | | | | | | | | | | | | | | | | | | | |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 7 | DSI3 | 42590 | 3500 | 20.97 | 21.70 | 1.183 | 62.9 | 1.006 | 0.04 | 0.158 | 0.188 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 7 | DSI3 | 42590 | 3500 | 20.92 | 21.70 | 1.197 | 62.9 | 1.006 | -0.16 | 0.151 | 0.182 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 7 | DSI3 | 42590 | 3500 | 20.97 | 21.70 | 1.183 | 62.9 | 1.006 | 0.1 | 0.049 | 0.058 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 7 | DSI3 | 42590 | 3500 | 20.92 | 21.70 | 1.197 | 62.9 | 1.006 | -0.04 | 0.051 | 0.061 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 42590 | 3500 | 22.88 | 24.50 | 1.452 | 62.9 | 1.006 | 0 | 0.058 | 0.085 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 42590 | 3500 | 22.55 | 23.50 | 1.245 | 62.9 | 1.006 | -0.11 | 0.062 | 0.078 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 42590 | 3500 | 22.88 | 24.50 | 1.452 | 62.9 | 1.006 | -0.06 | 0.037 | 0.054 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 42590 | 3500 | 22.55 | 23.50 | 1.245 | 62.9 | 1.006 | -0.15 | 0.039 | 0.049 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 42590 | 3500 | 21.85 | 23.50 | 1.462 | 62.9 | 1.006 | -0.13 | 0.100 | 0.147 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 42590 | 3500 | 21.16 | 22.50 | 1.361 | 62.9 | 1.006 | 0.16 | 0.077 | 0.105 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 42590 | 3500 | 21.85 | 23.50 | 1.462 | 62.9 | 1.006 | -0.15 | 0.038 | 0.056 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 42590 | 3500 | 21.16 | 22.50 | 1.361 | 62.9 | 1.006 | -0.02 | 0.031 | 0.042 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 8 | DSI3 | 42590 | 3500 | 20.33 | 21.00 | 1.167 | 62.9 | 1.006 | 0.14 | 0.031 | 0.036 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 8 | DSI3 | 42590 | 3500 | 19.47 | 20.00 | 1.130 | 62.9 | 1.006 | 0.1 | 0.053 | 0.060 |
| | LTE Band 42 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 8 | DSI3 | 42590 | 3500 | 20.33 | 21.00 | 1.167 | 62.9 | 1.006 | -0.09 | 0.000 | 0.000 |
| | LTE Band 42 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 8 | DSI3 | 42590 | 3500 | 19.47 | 20.00 | 1.130 | 62.9 | 1.006 | 0.07 | 0.030 | 0.034 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 7 | DSI3 | 55830 | 3609 | 23.68 | 24.20 | 1.127 | 62.9 | 1.006 | 0.01 | 0.140 | 0.159 |
| 87 | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 7 | DSI3 | 55830 | 3609 | 23.59 | 24.20 | 1.151 | 62.9 | 1.006 | -0.05 | 0.262 | **0.303** |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 7 | DSI3 | 55830 | 3609 | 23.68 | 24.20 | 1.127 | 62.9 | 1.006 | 0.02 | 0.033 | 0.037 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 7 | DSI3 | 55830 | 3609 | 23.59 | 24.20 | 1.151 | 62.9 | 1.006 | 0.03 | 0.062 | 0.072 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 55830 | 3609 | 23.71 | 25.20 | 1.409 | 62.9 | 1.006 | -0.17 | 0.115 | 0.163 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 6 | DSI3 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | -0.04 | 0.094 | 0.141 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 55830 | 3609 | 23.71 | 25.20 | 1.409 | 62.9 | 1.006 | -0.05 | 0.051 | 0.072 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 6 | DSI3 | 55830 | 3609 | 22.46 | 24.20 | 1.493 | 62.9 | 1.006 | 0 | 0.034 | 0.051 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | -0.01 | 0.055 | 0.080 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 1 | DSI3 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | -0.09 | 0.043 | 0.061 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 55830 | 3609 | 22.19 | 23.80 | 1.449 | 62.9 | 1.006 | 0.05 | 0.045 | 0.066 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 1 | DSI3 | 55830 | 3609 | 21.31 | 22.80 | 1.409 | 62.9 | 1.006 | 0.02 | 0.036 | 0.051 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Front | 15mm | Ant 8 | DSI3 | 55830 | 3609 | 20.23 | 21.50 | 1.340 | 62.9 | 1.006 | 0.17 | 0.104 | 0.140 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Front | 15mm | Ant 8 | DSI3 | 55830 | 3609 | 19.35 | 20.50 | 1.303 | 62.9 | 1.006 | 0.06 | 0.081 | 0.106 |
| | LTE Band 48 | 20M | QPSK | 1 | 0 | - | Back | 15mm | Ant 8 | DSI3 | 55830 | 3609 | 20.23 | 21.50 | 1.340 | 62.9 | 1.006 | 0 | 0.046 | 0.062 |
| | LTE Band 48 | 20M | QPSK | 50 | 0 | - | Back | 15mm | Ant 8 | DSI3 | 55830 | 3609 | 19.35 | 20.50 | 1.303 | 62.9 | 1.006 | -0.04 | 0.035 | 0.046 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 641666 | 3624.99 | 20.67 | 21.20 | 1.130 | - | - | 0.13 | 0.205 | 0.232 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 641666 | 3624.99 | 20.64 | 21.20 | 1.138 | - | - | -0.04 | 0.208 | 0.237 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 641666 | 3624.99 | 20.67 | 21.20 | 1.130 | - | - | 0.12 | 0.040 | 0.045 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 641666 | 3624.99 | 20.64 | 21.20 | 1.138 | - | - | 0.03 | 0.038 | 0.043 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 641666 | 3624.99 | 24.15 | 25.50 | 1.365 | - | - | -0.03 | 0.160 | 0.218 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 641666 | 3624.99 | 24.06 | 24.50 | 1.107 | - | - | 0.16 | 0.148 | 0.164 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 641666 | 3624.99 | 24.15 | 25.50 | 1.365 | - | - | -0.1 | 0.062 | 0.085 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 641666 | 3624.99 | 24.06 | 24.50 | 1.107 | - | - | 0.07 | 0.056 | 0.062 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 641666 | 3624.99 | 22.27 | 23.80 | 1.422 | - | - | -0.1 | 0.081 | 0.115 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 641666 | 3624.99 | 22.22 | 22.80 | 1.143 | - | - | 0.01 | 0.108 | 0.123 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 641666 | 3624.99 | 22.27 | 23.80 | 1.422 | - | - | -0.15 | 0.050 | 0.071 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 641666 | 3624.99 | 22.22 | 22.80 | 1.143 | - | - | 0.19 | 0.055 | 0.063 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 641666 | 3624.99 | 20.72 | 22.00 | 1.343 | - | - | -0.18 | 0.081 | 0.109 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 641666 | 3624.99 | 20.66 | 21.00 | 1.081 | - | - | 0.03 | 0.103 | 0.111 |
| | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 641666 | 3624.99 | 20.72 | 22.00 | 1.343 | - | - | -0.15 | 0.032 | 0.043 |
| | FR1 n48 | 40M | QPSK | 50 | 28 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 641666 | 3624.99 | 20.66 | 21.00 | 1.081 | - | - | -0.15 | 0.034 | 0.037 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 656000 | 3840 | 19.35 | 20.00 | 1.161 | - | - | 0.11 | 0.175 | 0.203 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 656000 | 3840 | 19.32 | 20.00 | 1.169 | - | - | -0.08 | 0.166 | 0.194 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 656000 | 3840 | 19.35 | 20.00 | 1.161 | - | - | -0.17 | 0.023 | 0.027 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 656000 | 3840 | 19.32 | 20.00 | 1.169 | - | - | -0.08 | 0.027 | 0.032 |
| | FR1 n77 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 656000 | 3840 | 22.27 | 23.00 | 1.183 | 50 | 1.000 | -0.01 | 0.176 | 0.208 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.42 | 20.00 | 1.143 | - | - | -0.08 | 0.099 | 0.113 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.40 | 20.00 | 1.148 | - | - | 0.17 | 0.105 | 0.121 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.42 | 20.00 | 1.143 | - | - | 0.18 | 0.059 | 0.067 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.40 | 20.00 | 1.148 | - | - | -0.04 | 0.039 | 0.045 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 22.11 | 23.00 | 1.227 | 50 | 1.000 | -0.08 | 0.104 | 0.128 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 656000 | 3840 | 24.07 | 25.50 | 1.390 | - | - | -0.13 | 0.129 | 0.179 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 656000 | 3840 | 23.86 | 25.50 | 1.459 | - | - | -0.02 | 0.139 | 0.203 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 656000 | 3840 | 24.07 | 25.50 | 1.390 | - | - | 0.06 | 0.047 | 0.065 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 656000 | 3840 | 23.86 | 25.50 | 1.459 | - | - | -0.03 | 0.049 | 0.071 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 656000 | 3840 | 25.31 | 27.00 | 1.476 | 50 | 1.000 | -0.03 | 0.106 | 0.156 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 24.02 | 25.50 | 1.406 | - | - | -0.07 | 0.113 | 0.159 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 23.92 | 25.50 | 1.439 | - | - | 0.05 | 0.125 | 0.180 |
| | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 24.02 | 25.50 | 1.406 | - | - | -0.11 | 0.033 | 0.046 |
| | FR1 n77 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 23.92 | 25.50 | 1.439 | - | - | -0.12 | 0.042 | 0.060 |
| | FR1 n77 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 25.41 | 27.00 | 1.442 | 50 | 1.000 | 0.03 | 0.085 | 0.123 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 20.92 | 22.00 | 1.282 | - | - | -0.16 | 0.066 | 0.085 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 20.88 | 22.00 | 1.294 | - | - | -0.02 | 0.070 | 0.091 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 20.92 | 22.00 | 1.282 | - | - | 0.15 | 0.046 | 0.059 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 20.88 | 22.00 | 1.294 | - | - | -0.09 | 0.055 | 0.071 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 24.32 | 25.00 | 1.169 | 50 | 1.000 | 0.11 | 0.072 | 0.084 |
| | FR1 n77 Main PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 18.54 | 19.00 | 1.112 | - | - | -0.05 | 0.046 | 0.051 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 656000 | 3840 | 21.50 | 22.00 | 1.122 | 50 | 1.000 | -0.08 | 0.047 | 0.053 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 20.50 | 22.00 | 1.413 | - | - | 0.05 | 0.208 | 0.294 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 20.46 | 22.00 | 1.426 | - | - | 0.05 | 0.146 | 0.208 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 20.50 | 22.00 | 1.413 | - | - | -0.03 | 0.065 | 0.092 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 20.46 | 22.00 | 1.426 | - | - | -0.15 | 0.047 | 0.067 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 23.69 | 25.00 | 1.352 | 50 | 1.000 | 0.02 | 0.217 | 0.293 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 17.17 | 19.00 | 1.524 | - | - | 0.07 | 0.110 | 0.168 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 20.22 | 22.00 | 1.507 | 50 | 1.000 | 0.16 | 0.105 | 0.158 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 23.42 | 25.00 | 1.439 | - | - | -0.18 | 0.198 | 0.285 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 23.39 | 25.00 | 1.449 | - | - | 0.02 | 0.233 | 0.338 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 23.42 | 25.00 | 1.439 | - | - | 0.16 | 0.071 | 0.102 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 23.39 | 25.00 | 1.449 | - | - | -0.03 | 0.085 | 0.123 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 24.31 | 26.00 | 1.476 | 50 | 1.000 | 0.07 | 0.155 | 0.229 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 20.37 | 21.50 | 1.297 | - | - | 0 | 0.133 | 0.173 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 656000 | 3840 | 23.15 | 24.00 | 1.216 | 50 | 1.000 | 0.01 | 0.134 | 0.163 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.28 | 25.00 | 1.486 | - | - | -0.06 | 0.175 | 0.260 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.19 | 25.00 | 1.517 | - | - | -0.04 | 0.154 | 0.234 |
| | FR1 n77 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.28 | 25.00 | 1.486 | - | - | -0.09 | 0.088 | 0.131 |
| | FR1 n77 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.19 | 25.00 | 1.517 | - | - | -0.17 | 0.080 | 0.121 |
| | FR1 n77 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 24.76 | 26.00 | 1.330 | 50 | 1.000 | -0.1 | 0.129 | 0.172 |
| | FR1 n77 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 20.00 | 21.50 | 1.413 | - | - | 0.18 | 0.094 | 0.133 |
| | FR1 n77 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 22.66 | 24.00 | 1.361 | 50 | 1.000 | -0.17 | 0.094 | 0.128 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 650000 | 3750 | 19.87 | 20.50 | 1.156 | - | - | -0.02 | 0.181 | 0.209 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 650000 | 3750 | 19.82 | 20.50 | 1.169 | - | - | -0.05 | 0.174 | 0.203 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 650000 | 3750 | 19.87 | 20.50 | 1.156 | - | - | 0 | 0.036 | 0.042 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 650000 | 3750 | 19.82 | 20.50 | 1.169 | - | - | -0.13 | 0.036 | 0.042 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 650000 | 3750 | 22.44 | 23.50 | 1.276 | 50 | 1.000 | -0.01 | 0.150 | 0.191 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.86 | 20.50 | 1.159 | - | - | 0.05 | 0.123 | 0.143 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.83 | 20.50 | 1.167 | - | - | 0.02 | 0.116 | 0.135 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.86 | 20.50 | 1.159 | - | - | -0.13 | 0.048 | 0.056 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 19.83 | 20.50 | 1.167 | - | - | 0.17 | 0.041 | 0.048 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 7 | DSI3 | 633334 | 3500.01 | 22.51 | 23.50 | 1.256 | 50 | 1.000 | 0.06 | 0.120 | 0.151 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 650000 | 3750 | 24.07 | 25.50 | 1.390 | - | - | -0.04 | 0.151 | 0.210 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 650000 | 3750 | 23.85 | 25.50 | 1.462 | - | - | -0.15 | 0.141 | 0.206 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 650000 | 3750 | 24.07 | 25.50 | 1.390 | - | - | 0.11 | 0.052 | 0.072 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 650000 | 3750 | 23.85 | 25.50 | 1.462 | - | - | -0.02 | 0.057 | 0.083 |
| | FR1 n78 PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 650000 | 3750 | 25.85 | 27.20 | 1.365 | 50 | 1.000 | 0.1 | 0.122 | 0.166 |
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 24.07 | 25.50 | 1.390 | - | - | 0.13 | 0.144 | 0.200 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 23.93 | 25.50 | 1.435 | - | - | -0.18 | 0.132 | 0.189 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FR1 n78 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 24.07 | 25.50 | 1.390 | - | - | -0.11 | 0.034 | 0.047 |
| | FR1 n78 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 23.93 | 25.50 | 1.435 | - | - | -0.16 | 0.036 | 0.052 |
| | FR1 n78 PC2 | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 6 | DSI3 | 633334 | 3500.01 | 25.57 | 27.20 | 1.455 | 50 | 1.000 | -0.15 | 0.107 | 0.156 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 20.65 | 21.50 | 1.216 | - | - | -0.14 | 0.112 | 0.136 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 20.61 | 21.50 | 1.227 | - | - | -0.19 | 0.093 | 0.114 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 20.65 | 21.50 | 1.216 | - | - | 0.01 | 0.084 | 0.102 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 20.61 | 21.50 | 1.227 | - | - | 0.06 | 0.061 | 0.075 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 23.70 | 24.50 | 1.202 | 50 | 1.000 | 0.02 | 0.111 | 0.133 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 17.14 | 18.50 | 1.368 | - | - | 0.12 | 0.059 | 0.081 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 650000 | 3750 | 20.20 | 21.50 | 1.349 | 50 | 1.000 | -0.16 | 0.061 | 0.082 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 21.04 | 21.50 | 1.112 | - | - | 0.07 | 0.163 | 0.181 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 21.02 | 21.50 | 1.117 | - | - | -0.02 | 0.118 | 0.132 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 21.04 | 21.50 | 1.112 | - | - | -0.05 | 0.060 | 0.067 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 21.02 | 21.50 | 1.117 | - | - | -0.13 | 0.051 | 0.057 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 23.95 | 24.50 | 1.135 | 50 | 1.000 | 0.08 | 0.172 | 0.195 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 16.88 | 18.50 | 1.452 | - | - | 0.16 | 0.088 | 0.128 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 1 | DSI3 | 633334 | 3500.01 | 19.93 | 21.50 | 1.435 | 50 | 1.000 | 0.01 | 0.095 | 0.136 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 23.37 | 25.00 | 1.455 | - | - | -0.04 | 0.112 | 0.163 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 23.24 | 25.00 | 1.500 | - | - | 0.1 | 0.104 | 0.156 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 23.37 | 25.00 | 1.455 | - | - | -0.04 | 0.039 | 0.057 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 23.24 | 25.00 | 1.500 | - | - | -0.01 | 0.043 | 0.064 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 24.46 | 26.00 | 1.426 | 50 | 1.000 | 0 | 0.069 | 0.098 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 20.38 | 21.50 | 1.294 | - | - | -0.11 | 0.088 | 0.114 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 650000 | 3750 | 23.39 | 24.00 | 1.151 | 50 | 1.000 | -0.06 | 0.082 | 0.094 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.31 | 25.00 | 1.476 | - | - | 0.03 | 0.077 | 0.114 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.25 | 25.00 | 1.496 | - | - | -0.13 | 0.060 | 0.090 |
| | FR1 n78 Other_PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.31 | 25.00 | 1.476 | - | - | 0.16 | 0.052 | 0.077 |
| | FR1 n78 Other_PA | 100M | QPSK | 135 | 69 | DFT-SCS-30KHz | Back | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 23.25 | 25.00 | 1.496 | - | - | -0.15 | 0.051 | 0.076 |
| | FR1 n78 Other_PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 25.48 | 26.00 | 1.127 | 50 | 1.000 | -0.02 | 0.063 | 0.071 |
| | FR1 n78 Main PA | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 19.82 | 21.50 | 1.472 | - | - | -0.09 | 0.052 | 0.077 |
| | FR1 n78 Main PA PC2 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Front | 15mm | Ant 8 | DSI3 | 633334 | 3500.01 | 22.66 | 24.00 | 1.361 | 50 | 1.000 | 0.14 | 0.053 | 0.072 |

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 1g SAR (W/kg) | Reported 1g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2450MHz** | | | | | | | | | | | | | | | | |
| | WLAN2.4GHz | 802.11b 1Mbps | Front | 15mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | 0.08 | 0.091 | 0.104 |
| | WLAN2.4GHz | 802.11b 1Mbps | Back | 15mm | Ant 9+10 | Full power | 1 | 2412 | 21.92 | 22.50 | 1.142 | 100 | 1.000 | -0.18 | 0.000 | 0.000 |
| | Bluetooth | 1Mbps | Front | 15mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.04 | 0.025 | 0.039 |
| | Bluetooth | 1Mbps | Back | 15mm | Ant 9 | Full power | 78 | 2480 | 15.44 | 17.00 | 1.432 | 76.9 | 1.083 | 0.1 | 0.000 | 0.000 |
| | Bluetooth | 1Mbps | Front | 15mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | -0.01 | 0.023 | 0.034 |
| | Bluetooth | 1Mbps | Back | 15mm | Ant 10 | Full power | 78 | 2480 | 17.67 | 19.00 | 1.358 | 76.9 | 1.083 | 0.12 | 0.000 | 0.000 |
| **5000MHz** | | | | | | | | | | | | | | | | |
| 88 | WLAN5.3GHz | 802.11a 6Mbps | Front | 15mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.181 | 99.32 | 1.007 | -0.05 | 0.236 | **0.281** |
| | WLAN5.3GHz | 802.11a 6Mbps | Back | 15mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.181 | 99.32 | 1.007 | 0.08 | 0.057 | 0.068 |
| 89 | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Front | 15mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.03 | 0.271 | **0.336** |
| | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Back | 15mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.17 | 0.065 | 0.081 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Front | 15mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | -0.05 | 0.230 | 0.265 |
| | WLAN5.8GHz | 802.11n-HT40 MCS0 | Back | 15mm | Ant 8+10 | Full power | 151 | 5755 | 19.89 | 20.50 | 1.151 | 100 | 1.000 | -0.03 | 0.070 | 0.081 |

## 16.4 Product specific 10g SAR

**< Flip Open >**

| Plot No. | Band | Mode | Test Position | Gap (mm) | Antenna | Power State | Ch. | Freq. (MHz) | Average Power (dBm) | Tune-Up Limit (dBm) | Tune-up Scaling Factor | Duty Cycle % | Duty Cycle Scaling Factor | Power Drift (dB) | Measured 10g SAR (W/kg) | Reported 10g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5000MHz | | | | | | | | | | | | | | | | |
| | WLAN5.3GHz | 802.11a 6Mbps | Front | 0mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.180 | 99.32 | 1.007 | -0.11 | 1.05 | 1.248 |
| | WLAN5.3GHz | 802.11a 6Mbps | Back | 0mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.180 | 99.32 | 1.007 | -0.12 | 0.674 | 0.801 |
| 90 | WLAN5.3GHz | 802.11a 6Mbps | Right Side | 0mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.180 | 99.32 | 1.007 | -0.04 | 1.50 | **1.783** |
| | WLAN5.3GHz | 802.11a 6Mbps | Top Side | 0mm | Ant 8+10 | Full power | 60 | 5300 | 20.78 | 21.50 | 1.180 | 99.32 | 1.007 | -0.02 | 1.48 | 1.759 |
| | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Front | 0mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | 0.11 | 0.83 | 1.028 |
| | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Back | 0mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.05 | 0.59 | 0.733 |
| 91 | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Right Side | 0mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.07 | 1.49 | **1.845** |
| | WLAN5.5GHz | 802.11ax-HE20 MCS0 | Top Side | 0mm | Ant 8+10 | Full power | 100 | 5500 | 21.07 | 22.00 | 1.239 | 100 | 1.000 | -0.08 | 1.20 | 1.486 |

## 16.5 Repeated SAR Measurement

**<1g>**

| 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) | Ratio | Reported 1g SAR (W/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI5 | 26865 | 831.5 | open | 20.59 | 21.50 | 1.233 | - | - | -0.02 | 0.845 | 1 | 1.042 |
| 2nd | LTE Band 26 | 15M | QPSK | 36 | 0 | - | Right Cheek | 0mm | Ant 1 | DSI5 | 26865 | 831.5 | open | 20.59 | 21.50 | 1.233 | - | - | 0.01 | 0.801 | 1.055 | 0.988 |
| 1st | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI5 | 638000 | 3570 | open | 18.19 | 18.70 | 1.125 | - | - | -0.06 | 0.932 | 1 | 1.048 |
| 2nd | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI5 | 638000 | 3570 | open | 18.19 | 18.70 | 1.125 | - | - | 0.01 | 0.901 | 1.035 | 1.013 |
| 1st | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI5 | 645332 | 3679.98 | open | 18.11 | 18.70 | 1.146 | - | - | 0.11 | 0.870 | 1 | 0.997 |
| 2nd | FR1 n48 | 40M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Cheek | 0mm | Ant 7 | DSI5 | 645332 | 3679.98 | open | 18.11 | 18.70 | 1.146 | - | - | 0.09 | 0.846 | 1.029 | 0.969 |
| 1st | WLAN2.4GHz | - | - | - | - | 802.11b 1Mbps | Left Cheek | 0mm | Ant 9+10 | Receiver on | 1 | 2412 | open | 18.77 | 19.50 | 1.183 | 100 | 1.000 | 0.01 | 0.863 | 1 | 1.021 |
| 2nd | WLAN2.4GHz | - | - | - | - | 802.11b 1Mbps | Left Cheek | 0mm | Ant 9+10 | Receiver on | 1 | 2412 | open | 18.77 | 19.50 | 1.183 | 100 | 1.000 | 0.01 | 0.801 | 1.077 | 0.948 |
| 1st | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 5 | DSI1 | 349000 | 1745 | close | 18.32 | 18.70 | 1.091 | - | - | -0.02 | 0.884 | 1 | 0.965 |
| 2nd | FR1 n66 | 40M | QPSK | 1 | 1 | DFT-SCS-15KHz | Left Tilted | 0mm | Ant 5 | DSI1 | 349000 | 1745 | close | 18.32 | 18.70 | 1.091 | - | - | 0.07 | 0.855 | 1.034 | 0.933 |
| 1st | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 5 | DSI1 | 9262 | 1852.4 | close | 17.58 | 18.50 | 1.236 | - | - | 0.06 | 0.884 | 1 | 1.093 |
| 2nd | WCDMA II | - | - | - | - | RMC 12.2Kbps | Left Tilted | 0mm | Ant 5 | DSI1 | 9262 | 1852.4 | close | 17.58 | 18.50 | 1.236 | - | - | 0.01 | 0.758 | 1.166 | 0.937 |
| 1st | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 5 | DSI1 | 507000 | 2535 | close | 16.35 | 16.70 | 1.084 | - | - | 0.07 | 0.957 | 1 | 1.037 |
| 2nd | FR1 n7 | 40M | QPSK | 216 | 0 | DFT-SCS-15KHz | Left Cheek | 0mm | Ant 5 | DSI1 | 507000 | 2535 | close | 16.35 | 16.70 | 1.084 | - | - | 0.04 | 0.950 | 1.007 | 1.030 |
| 1st | WLAN5.2GHz | - | - | - | - | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 42 | 5210 | close | 17.65 | 18.50 | 1.216 | 100 | 1.000 | -0.07 | 0.851 | 1 | 1.035 |
| 2nd | WLAN5.2GHz | - | - | - | - | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 42 | 5210 | close | 17.65 | 18.50 | 1.216 | 100 | 1.000 | 0.01 | 0.803 | 1.059 | 0.977 |
| 1st | WLAN5.5GHz | - | - | - | - | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 106 | 5530 | close | 17.18 | 18.00 | 1.208 | 100 | 1.000 | -0.04 | 0.880 | 1 | 1.063 |
| 2nd | WLAN5.5GHz | - | - | - | - | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 106 | 5530 | close | 17.18 | 18.00 | 1.208 | 100 | 1.000 | 0.01 | 0.835 | 1.054 | 1.009 |
| 1st | WLAN5.8GHz | - | - | - | - | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 155 | 5775 | close | 17.15 | 18.00 | 1.216 | 100 | 1.000 | -0.01 | 0.822 | 1 | 1.000 |
| 2nd | WLAN5.8GHz | - | - | - | - | 802.11ac-VHT80 MCS0 | Right Cheek | 0mm | Ant 8+10 | Receiver on | 155 | 5775 | close | 17.15 | 18.00 | 1.216 | 100 | 1.000 | 0.02 | 0.801 | 1.027 | 0.974 |
| 1st | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | close | 15.16 | 16.00 | 1.213 | - | - | -0.08 | 0.842 | 1 | 1.022 |
| 2nd | FR1 n77 | 100M | QPSK | 1 | 1 | DFT-SCS-30KHz | Right Side | 5mm | Ant 7 | DSI4 | 656000 | 3840 | close | 15.16 | 16.00 | 1.213 | - | - | 0.01 | 0.801 | 1.051 | 0.972 |

**General Note:**

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

## 16.6 TDD 5GNR Linearity Data Analysis

**General Note:**

This device support Power Class 2 and Power Class 3 operations for 5GNR n77/n78. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each 5GNR configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

| FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Head Open | | | FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Head Close | | |
|---|---|---|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 16.00 | 19.00 |
| Reported 1g SAR (W/kg) | 0.659 | 0.619 | Reported 1g SAR (W/kg) | 0.862 | 0.793 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 39.81 | 39.72 |
| Linearity SAR (W/kg) | 0.657 | | Linearity SAR (W/kg) | 0.860 | |
| % deviation from expected linearity | | -5.85% | % deviation from expected linearity | | -7.79% |
| **FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 16.00 | 19.00 |
| Reported 1g SAR (W/kg) | 0.884 | 0.862 | Reported 1g SAR (W/kg) | 0.903 | 0.912 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 39.81 | 39.72 |
| Linearity SAR (W/kg) | 0.882 | | Linearity SAR (W/kg) | 0.901 | |
| % deviation from expected linearity | | -2.26% | % deviation from expected linearity | | 1.24% |
| **FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 21.00 | 24.00 | Maximum Tune up Power (dBm) | 22.00 | 25.00 |
| Reported 1g SAR (W/kg) | 1.018 | 0.935 | Reported 1g SAR (W/kg) | 0.757 | 0.766 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 125.89 | 125.59 | Frame Averaged (mW) | 158.49 | 158.11 |
| Linearity SAR (W/kg) | 1.016 | | Linearity SAR (W/kg) | 0.755 | |
| % deviation from expected linearity | | -7.94% | % deviation from expected linearity | | 1.43% |
| **FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 21.00 | 24.00 | Maximum Tune up Power (dBm) | 22.00 | 25.00 |
| Reported 1g SAR (W/kg) | 0.926 | 0.865 | Reported 1g SAR (W/kg) | 0.665 | 0.614 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 125.89 | 125.59 | Frame Averaged (mW) | 158.49 | 158.11 |
| Linearity SAR (W/kg) | 0.924 | | Linearity SAR (W/kg) | 0.663 | |
| % deviation from expected linearity | | -6.37% | % deviation from expected linearity | | -7.45% |
| **FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 | Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.746 | 0.677 | Reported 1g SAR (W/kg) | 0.862 | 0.777 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 | Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.744 | | Linearity SAR (W/kg) | 0.860 | |
| % deviation from expected linearity | | -9.03% | % deviation from expected linearity | | -9.65% |
| **FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 17.00 | 20.00 | Maximum Tune up Power (dBm) | 17.50 | 20.50 |
| Reported 1g SAR (W/kg) | 0.243 | 0.264 | Reported 1g SAR (W/kg) | 0.603 | 0.578 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |

| | | | | | |
|---|---|---|---|---|---|
| Frame Averaged (mW) | 50.12 | 50.00 | Frame Averaged (mW) | 56.23 | 56.10 |
| Linearity SAR (W/kg) | 0.242 | | Linearity SAR (W/kg) | 0.602 | |
| % deviation from expected linearity | | 8.90% | % deviation from expected linearity | | -3.92% |
| **FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 | Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 1.091 | 1.046 | Reported 1g SAR (W/kg) | 1.094 | 1.035 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 | Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 1.088 | | Linearity SAR (W/kg) | 1.091 | |
| % deviation from expected linearity | | -3.90% | % deviation from expected linearity | | -5.17% |
| **FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 17.00 | 20.00 | Maximum Tune up Power (dBm) | 17.50 | 20.50 |
| Reported 1g SAR (W/kg) | 0.551 | 0.503 | Reported 1g SAR (W/kg) | 0.358 | 0.343 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 50.12 | 50.00 | Frame Averaged (mW) | 56.23 | 56.10 |
| Linearity SAR (W/kg) | 0.550 | | Linearity SAR (W/kg) | 0.357 | |
| % deviation from expected linearity | | -8.49% | % deviation from expected linearity | | -3.96% |
| **FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 1.030 | 1.085 | Reported 1g SAR (W/kg) | 1.082 | 1.039 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 1.028 | | Linearity SAR (W/kg) | 1.079 | |
| % deviation from expected linearity | | 5.59% | % deviation from expected linearity | | -3.75% |
| **FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.789 | 0.730 | Reported 1g SAR (W/kg) | 0.540 | 0.486 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.787 | | Linearity SAR (W/kg) | 0.539 | |
| % deviation from expected linearity | | -7.26% | % deviation from expected linearity | | -9.79% |
| **FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.788 | 0.736 | Reported 1g SAR (W/kg) | 0.643 | 0.586 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.786 | | Linearity SAR (W/kg) | 0.641 | |
| % deviation from expected linearity | | -6.38% | % deviation from expected linearity | | -8.65% |
| **FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Open** | | | **FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Close** | | |
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.471 | 0.506 | Reported 1g SAR (W/kg) | 0.417 | 0.376 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.470 | | Linearity SAR (W/kg) | 0.416 | |
| % deviation from expected linearity | | 7.69% | % deviation from expected linearity | | -9.62% |

| FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 |
| Reported 1g SAR (W/kg) | 0.548 | 0.591 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 |
| Linearity SAR (W/kg) | 0.547 | |
| % deviation from expected linearity | | 8.10% |

| FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 |
| Reported 1g SAR (W/kg) | 1.022 | 0.934 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 |
| Linearity SAR (W/kg) | 1.020 | |
| % deviation from expected linearity | | -8.39% |

| FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 |
| Reported 1g SAR (W/kg) | 0.668 | 0.666 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 |
| Linearity SAR (W/kg) | 0.666 | |
| % deviation from expected linearity | | -0.06% |

| FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.00 | 19.00 |
| Reported 1g SAR (W/kg) | 0.814 | 0.886 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 |
| Linearity SAR (W/kg) | 0.812 | |
| % deviation from expected linearity | | 9.10% |

| FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.435 | 0.407 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.434 | |
| % deviation from expected linearity | | -6.21% |

| FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.50 | 22.50 |
| Reported 1g SAR (W/kg) | 0.863 | 0.787 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 |
| Linearity SAR (W/kg) | 0.861 | |
| % deviation from expected linearity | | -8.59% |

| FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.283 | 0.262 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.282 | |
| % deviation from expected linearity | | -7.20% |

| FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.50 | 22.50 |
| Reported 1g SAR (W/kg) | 0.659 | 0.598 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 |
| Linearity SAR (W/kg) | 0.657 | |
| % deviation from expected linearity | | -9.04% |

| FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.135 | 0.140 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.135 | |
| % deviation from expected linearity | | 3.95% |

| FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 18.50 | 21.50 |
| Reported 1g SAR (W/kg) | 0.339 | 0.305 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 70.79 | 70.63 |
| Linearity SAR (W/kg) | 0.338 | |
| % deviation from expected linearity | | -9.82% |

| FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 17.00 | 20.00 |
| Reported 1g SAR (W/kg) | 0.059 | 0.064 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 50.12 | 50.00 |
| Linearity SAR (W/kg) | 0.059 | |
| % deviation from expected linearity | | 8.73% |

| FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.132 | 0.120 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.132 | |
| % deviation from expected linearity | | -8.88% |

| FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Open |
|---|

| FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Close |
|---|

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 20.00 | 23.00 | Maximum Tune up Power (dBm) | 18.50 | 21.50 |
| Reported 1g SAR (W/kg) | 0.479 | 0.457 | Reported 1g SAR (W/kg) | 0.610 | 0.615 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 | Frame Averaged (mW) | 70.79 | 70.63 |
| Linearity SAR (W/kg) | 0.478 | | Linearity SAR (W/kg) | 0.609 | |
| % deviation from expected linearity | | -4.37% | % deviation from expected linearity | | 1.06% |

**FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Open**

**FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 17.00 | 20.00 | Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.372 | 0.337 | Reported 1g SAR (W/kg) | 0.460 | 0.473 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 50.12 | 50.00 | Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.371 | | Linearity SAR (W/kg) | 0.459 | |
| % deviation from expected linearity | | -9.19% | % deviation from expected linearity | | 3.07% |

**FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Hotspot Open**

**FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Hotspot Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.282 | 0.258 | Reported 1g SAR (W/kg) | 0.827 | 0.894 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.281 | | Linearity SAR (W/kg) | 0.825 | |
| % deviation from expected linearity | | -8.29% | % deviation from expected linearity | | 8.36% |

**FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Hotspot Open**

**FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Hotspot Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.159 | 0.172 | Reported 1g SAR (W/kg) | 0.309 | 0.286 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.159 | | Linearity SAR (W/kg) | 0.308 | |
| % deviation from expected linearity | | 8.43% | % deviation from expected linearity | | -7.22% |

**FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Open**

**FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.230 | 0.237 | Reported 1g SAR (W/kg) | 0.725 | 0.683 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.229 | | Linearity SAR (W/kg) | 0.723 | |
| % deviation from expected linearity | | 3.29% | % deviation from expected linearity | | -5.57% |

**FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Open**

**FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.131 | 0.122 | Reported 1g SAR (W/kg) | 0.341 | 0.316 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.131 | | Linearity SAR (W/kg) | 0.340 | |
| % deviation from expected linearity | | -6.65% | % deviation from expected linearity | | -7.11% |

| FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.00 | 22.00 |
| Reported 1g SAR (W/kg) | 0.283 | 0.270 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 79.43 | 79.24 |
| Linearity SAR (W/kg) | 0.282 | |
| % deviation from expected linearity | | -4.37% |

| FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.203 | 0.208 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.203 | |
| % deviation from expected linearity | | 2.71% |

| FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.00 | 22.00 |
| Reported 1g SAR (W/kg) | 0.182 | 0.188 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 79.43 | 79.24 |
| Linearity SAR (W/kg) | 0.182 | |
| % deviation from expected linearity | | 3.54% |

| FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.121 | 0.128 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.121 | |
| % deviation from expected linearity | | 6.04% |

| FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.00 |
| Reported 1g SAR (W/kg) | 0.278 | 0.203 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 250.59 |
| Linearity SAR (W/kg) | 0.196 | |
| % deviation from expected linearity | | 3.39% |

| FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.00 |
| Reported 1g SAR (W/kg) | 0.203 | 0.156 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 250.59 |
| Linearity SAR (W/kg) | 0.143 | |
| % deviation from expected linearity | | 8.81% |

| FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.00 |
| Reported 1g SAR (W/kg) | 0.266 | 0.189 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 250.59 |
| Linearity SAR (W/kg) | 0.188 | |
| % deviation from expected linearity | | 0.60% |

| FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.00 |
| Reported 1g SAR (W/kg) | 0.180 | 0.123 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 250.59 |
| Linearity SAR (W/kg) | 0.127 | |
| % deviation from expected linearity | | -3.25% |

| FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 21.00 | 24.00 |
| Reported 1g SAR (W/kg) | 0.155 | 0.148 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 125.89 | 125.59 |
| Linearity SAR (W/kg) | 0.155 | |
| % deviation from expected linearity | | -4.29% |

| FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 22.00 | 25.00 |
| Reported 1g SAR (W/kg) | 0.091 | 0.084 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 158.49 | 158.11 |
| Linearity SAR (W/kg) | 0.091 | |
| % deviation from expected linearity | | -7.47% |

| FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.094 | 0.099 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.094 | |
| % deviation from expected linearity | | 5.57% |

| FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.00 | 22.00 |
| Reported 1g SAR (W/kg) | 0.051 | 0.053 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 79.43 | 79.24 |
| Linearity SAR (W/kg) | 0.051 | |
| % deviation from expected linearity | | 4.17% |

| FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Open |
|---|

| FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Close |
|---|

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 21.00 | 24.00 | Maximum Tune up Power (dBm) | 22.00 | 25.00 |
| Reported 1g SAR (W/kg) | 0.365 | 0.361 | Reported 1g SAR (W/kg) | 0.294 | 0.293 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 125.89 | 125.59 | Frame Averaged (mW) | 158.49 | 158.11 |
| Linearity SAR (W/kg) | 0.364 | | Linearity SAR (W/kg) | 0.293 | |
| % deviation from expected linearity | | -0.86% | % deviation from expected linearity | | -0.10% |

**FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Open**

**FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 18.00 | 21.00 | Maximum Tune up Power (dBm) | 19.00 | 22.00 |
| Reported 1g SAR (W/kg) | 0.279 | 0.264 | Reported 1g SAR (W/kg) | 0.168 | 0.158 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 63.10 | 62.95 | Frame Averaged (mW) | 79.43 | 79.24 |
| Linearity SAR (W/kg) | 0.278 | | Linearity SAR (W/kg) | 0.168 | |
| % deviation from expected linearity | | -5.15% | % deviation from expected linearity | | -5.73% |

**FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Open**

**FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 25.00 | 26.00 | Maximum Tune up Power (dBm) | 25.00 | 26.00 |
| Reported 1g SAR (W/kg) | 0.660 | 0.432 | Reported 1g SAR (W/kg) | 0.338 | 0.229 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 316.23 | 199.05 | Frame Averaged (mW) | 316.23 | 199.05 |
| Linearity SAR (W/kg) | 0.415 | | Linearity SAR (W/kg) | 0.213 | |
| % deviation from expected linearity | | 3.98% | % deviation from expected linearity | | 7.63% |

**FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Open**

**FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 21.50 | 24.00 | Maximum Tune up Power (dBm) | 21.50 | 24.00 |
| Reported 1g SAR (W/kg) | 0.392 | 0.356 | Reported 1g SAR (W/kg) | 0.173 | 0.163 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 141.25 | 125.59 | Frame Averaged (mW) | 141.25 | 125.59 |
| Linearity SAR (W/kg) | 0.349 | | Linearity SAR (W/kg) | 0.154 | |
| % deviation from expected linearity | | 2.14% | % deviation from expected linearity | | 5.97% |

**FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Open**

**FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 25.00 | 26.00 | Maximum Tune up Power (dBm) | 25.00 | 26.00 |
| Reported 1g SAR (W/kg) | 0.395 | 0.225 | Reported 1g SAR (W/kg) | 0.260 | 0.172 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 316.23 | 199.05 | Frame Averaged (mW) | 316.23 | 199.05 |
| Linearity SAR (W/kg) | 0.249 | | Linearity SAR (W/kg) | 0.164 | |
| % deviation from expected linearity | | -9.51% | % deviation from expected linearity | | 5.10% |

**FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Open**

**FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Close**

| | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) | | FR1 n77 (Power Class 3) | FR1 n77 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 21.50 | 24.00 | Maximum Tune up Power (dBm) | 21.50 | 24.00 |
| Reported 1g SAR (W/kg) | 0.167 | 0.146 | Reported 1g SAR (W/kg) | 0.133 | 0.128 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 141.25 | 125.59 | Frame Averaged (mW) | 141.25 | 125.59 |
| Linearity SAR (W/kg) | 0.148 | | Linearity SAR (W/kg) | 0.118 | |
| % deviation from expected linearity | | -1.67% | % deviation from expected linearity | | 8.24% |

| FR1 N78(HPUE) Part27O Ant 7-Linearity Data for Head Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 0.672 | 0.731 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 0.670 | |
| % deviation from expected linearity | | 9.04% |

| FR1 N78(HPUE) Part27O Ant 7-Linearity Data for Head Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.658 | 0.665 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.656 | |
| % deviation from expected linearity | | 1.30% |

| FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Head Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 1.003 | 1.084 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 1.001 | |
| % deviation from expected linearity | | 8.33% |

| FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Head Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.903 | 0.897 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.901 | |
| % deviation from expected linearity | | -0.43% |

| FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Head Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.966 | 1.027 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.964 | |
| % deviation from expected linearity | | 6.57% |

| FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Head Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 22.50 | 25.50 |
| Reported 1g SAR (W/kg) | 0.958 | 0.879 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 177.83 | 177.41 |
| Linearity SAR (W/kg) | 0.956 | |
| % deviation from expected linearity | | -8.03% |

| FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Head Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.804 | 0.744 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.802 | |
| % deviation from expected linearity | | -7.24% |

| FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Head Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 22.50 | 25.50 |
| Reported 1g SAR (W/kg) | 0.772 | 0.766 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 177.83 | 177.41 |
| Linearity SAR (W/kg) | 0.770 | |
| % deviation from expected linearity | | -0.54% |

| FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Head Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.854 | 0.812 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.852 | |
| % deviation from expected linearity | | -4.69% |

| FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Head Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.754 | 0.776 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.752 | |
| % deviation from expected linearity | | 3.16% |

| FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Head Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 0.731 | 0.692 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 0.729 | |
| % deviation from expected linearity | | -5.11% |

| FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Head Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 17.50 | 20.50 |
| Reported 1g SAR (W/kg) | 0.321 | 0.299 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 56.23 | 56.10 |
| Linearity SAR (W/kg) | 0.320 | |
| % deviation from expected linearity | | -6.63% |

| FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Open |
|---|

| FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Close |
|---|

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 20.00 | 23.00 | Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.916 | 0.831 | Reported 1g SAR (W/kg) | 0.908 | 0.989 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 | Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.914 | | Linearity SAR (W/kg) | 0.906 | |
| % deviation from expected linearity | | -9.06% | % deviation from expected linearity | | 9.18% |

**FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Open**

**FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.50 | 19.50 | Maximum Tune up Power (dBm) | 17.50 | 20.50 |
| Reported 1g SAR (W/kg) | 0.726 | 0.710 | Reported 1g SAR (W/kg) | 0.369 | 0.354 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 | Frame Averaged (mW) | 56.23 | 56.10 |
| Linearity SAR (W/kg) | 0.724 | | Linearity SAR (W/kg) | 0.368 | |
| % deviation from expected linearity | | -1.97% | % deviation from expected linearity | | -3.84% |

**FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Open**

**FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.976 | 0.936 | Reported 1g SAR (W/kg) | 1.048 | 1.037 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.974 | | Linearity SAR (W/kg) | 1.046 | |
| % deviation from expected linearity | | -3.87% | % deviation from expected linearity | | -0.81% |

**FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Open**

**FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.648 | 0.617 | Reported 1g SAR (W/kg) | 0.703 | 0.709 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.646 | | Linearity SAR (W/kg) | 0.701 | |
| % deviation from expected linearity | | -4.56% | % deviation from expected linearity | | 1.09% |

**FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Open**

**FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.758 | 0.691 | Reported 1g SAR (W/kg) | 0.674 | 0.619 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.756 | | Linearity SAR (W/kg) | 0.672 | |
| % deviation from expected linearity | | -8.62% | % deviation from expected linearity | | -7.94% |

**FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Open**

**FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.454 | 0.434 | Reported 1g SAR (W/kg) | 0.534 | 0.508 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.453 | | Linearity SAR (W/kg) | 0.533 | |
| % deviation from expected linearity | | -4.18% | % deviation from expected linearity | | -4.64% |

| FR1 N78(HPUE) Part27O Ant 7-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 0.390 | 0.424 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 0.389 | |
| % deviation from expected linearity | | 8.98% |

| FR1 N78(HPUE) Part27O Ant 7-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.689 | 0.678 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.687 | |
| % deviation from expected linearity | | -1.36% |

| FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 0.475 | 0.464 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 0.474 | |
| % deviation from expected linearity | | -2.08% |

| FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.719 | 0.677 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.717 | |
| % deviation from expected linearity | | -5.62% |

| FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.479 | 0.443 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.478 | |
| % deviation from expected linearity | | -7.30% |

| FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.766 | 0.709 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.764 | |
| % deviation from expected linearity | | -7.22% |

| FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.415 | 0.420 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.414 | |
| % deviation from expected linearity | | 1.45% |

| FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.00 | 23.00 |
| Reported 1g SAR (W/kg) | 0.690 | 0.648 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 100.00 | 99.76 |
| Linearity SAR (W/kg) | 0.688 | |
| % deviation from expected linearity | | -5.86% |

| FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.50 | 22.50 |
| Reported 1g SAR (W/kg) | 0.418 | 0.382 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 |
| Linearity SAR (W/kg) | 0.417 | |
| % deviation from expected linearity | | -8.40% |

| FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 18.50 | 21.50 |
| Reported 1g SAR (W/kg) | 0.381 | 0.359 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 70.79 | 70.63 |
| Linearity SAR (W/kg) | 0.380 | |
| % deviation from expected linearity | | -5.55% |

| FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 0.225 | 0.214 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 0.224 | |
| % deviation from expected linearity | | -4.66% |

| FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.168 | 0.183 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.168 | |
| % deviation from expected linearity | | 9.19% |

| FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Open | | |
|---|---|---|

| FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Close | | |
|---|---|---|

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 19.50 | 22.50 | Maximum Tune up Power (dBm) | 18.50 | 21.50 |
| Reported 1g SAR (W/kg) | 0.844 | 0.783 | Reported 1g SAR (W/kg) | 0.418 | 0.436 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 | Frame Averaged (mW) | 70.79 | 70.63 |
| Linearity SAR (W/kg) | 0.842 | | Linearity SAR (W/kg) | 0.417 | |
| % deviation from expected linearity | | -7.01% | % deviation from expected linearity | | 4.55% |

**FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Open**

**FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.50 | 19.50 | Maximum Tune up Power (dBm) | 15.50 | 18.50 |
| Reported 1g SAR (W/kg) | 0.733 | 0.683 | Reported 1g SAR (W/kg) | 0.293 | 0.284 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 | Frame Averaged (mW) | 35.48 | 35.40 |
| Linearity SAR (W/kg) | 0.731 | | Linearity SAR (W/kg) | 0.292 | |
| % deviation from expected linearity | | -6.60% | % deviation from expected linearity | | -2.84% |

**FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Hotspot Open**

**FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Hotspot Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.208 | 0.204 | Reported 1g SAR (W/kg) | 0.940 | 1.022 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.208 | | Linearity SAR (W/kg) | 0.938 | |
| % deviation from expected linearity | | -1.69% | % deviation from expected linearity | | 8.98% |

**FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Hotspot Open**

**FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Hotspot Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.121 | 0.116 | Reported 1g SAR (W/kg) | 0.583 | 0.534 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.121 | | Linearity SAR (W/kg) | 0.582 | |
| % deviation from expected linearity | | -3.90% | % deviation from expected linearity | | -8.19% |

**FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Open**

**FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.00 | 19.00 | Maximum Tune up Power (dBm) | 18.00 | 21.00 |
| Reported 1g SAR (W/kg) | 0.252 | 0.235 | Reported 1g SAR (W/kg) | 0.655 | 0.590 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 39.81 | 39.72 | Frame Averaged (mW) | 63.10 | 62.95 |
| Linearity SAR (W/kg) | 0.251 | | Linearity SAR (W/kg) | 0.653 | |
| % deviation from expected linearity | | -6.52% | % deviation from expected linearity | | -9.71% |

**FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Open**

**FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 12.50 | 15.50 | Maximum Tune up Power (dBm) | 14.50 | 17.50 |
| Reported 1g SAR (W/kg) | 0.137 | 0.124 | Reported 1g SAR (W/kg) | 0.365 | 0.340 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 17.78 | 17.74 | Frame Averaged (mW) | 28.18 | 28.12 |
| Linearity SAR (W/kg) | 0.137 | | Linearity SAR (W/kg) | 0.364 | |
| % deviation from expected linearity | | -9.27% | % deviation from expected linearity | | -6.63% |

| FR1 N78(HPUE) Part27O Ant 7-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.50 | 22.50 |
| Reported 1g SAR (W/kg) | 0.220 | 0.230 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 |
| Linearity SAR (W/kg) | 0.219 | |
| % deviation from expected linearity | | 4.79% |

| FR1 N78(HPUE) Part27O Ant 7-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.209 | 0.191 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.209 | |
| % deviation from expected linearity | | -8.40% |

| FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.50 | 22.50 |
| Reported 1g SAR (W/kg) | 0.157 | 0.162 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 |
| Linearity SAR (W/kg) | 0.157 | |
| % deviation from expected linearity | | 3.43% |

| FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 20.50 | 23.50 |
| Reported 1g SAR (W/kg) | 0.143 | 0.151 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 112.20 | 111.94 |
| Linearity SAR (W/kg) | 0.143 | |
| % deviation from expected linearity | | 5.85% |

| FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.20 |
| Reported 1g SAR (W/kg) | 0.275 | 0.209 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 262.40 |
| Linearity SAR (W/kg) | 0.203 | |
| % deviation from expected linearity | | 2.76% |

| FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.20 |
| Reported 1g SAR (W/kg) | 0.210 | 0.166 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 262.40 |
| Linearity SAR (W/kg) | 0.155 | |
| % deviation from expected linearity | | 6.89% |

| FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.20 |
| Reported 1g SAR (W/kg) | 0.248 | 0.182 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 262.40 |
| Linearity SAR (W/kg) | 0.183 | |
| % deviation from expected linearity | | -0.77% |

| FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 25.50 | 27.20 |
| Reported 1g SAR (W/kg) | 0.200 | 0.156 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 354.81 | 262.40 |
| Linearity SAR (W/kg) | 0.148 | |
| % deviation from expected linearity | | 5.47% |

| FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 19.50 | 22.50 |
| Reported 1g SAR (W/kg) | 0.220 | 0.225 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 |
| Linearity SAR (W/kg) | 0.219 | |
| % deviation from expected linearity | | 2.52% |

| FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 21.50 | 24.50 |
| Reported 1g SAR (W/kg) | 0.136 | 0.133 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 141.25 | 140.92 |
| Linearity SAR (W/kg) | 0.136 | |
| % deviation from expected linearity | | -1.97% |

| FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Bodyworn Open | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 16.50 | 19.50 |
| Reported 1g SAR (W/kg) | 0.162 | 0.152 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 |
| Linearity SAR (W/kg) | 0.162 | |
| % deviation from expected linearity | | -5.95% |

| FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Bodyworn Close | | |
|---|---|---|
| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
| Maximum Tune up Power (dBm) | 18.50 | 21.50 |
| Reported 1g SAR (W/kg) | 0.081 | 0.082 |
| Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 70.79 | 70.63 |
| Linearity SAR (W/kg) | 0.081 | |
| % deviation from expected linearity | | 1.47% |

| FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Open | | |
|---|---|---|

| FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Close | | |
|---|---|---|

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 19.50 | 22.50 | Maximum Tune up Power (dBm) | 21.50 | 24.50 |
| Reported 1g SAR (W/kg) | 0.269 | 0.258 | Reported 1g SAR (W/kg) | 0.181 | 0.195 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 89.13 | 88.91 | Frame Averaged (mW) | 141.25 | 140.92 |
| Linearity SAR (W/kg) | 0.268 | | Linearity SAR (W/kg) | 0.181 | |
| % deviation from expected linearity | | -3.86% | % deviation from expected linearity | | 7.99% |

**FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Open**

**FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 16.50 | 19.50 | Maximum Tune up Power (dBm) | 18.50 | 21.50 |
| Reported 1g SAR (W/kg) | 0.225 | 0.214 | Reported 1g SAR (W/kg) | 0.128 | 0.136 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 44.67 | 44.56 | Frame Averaged (mW) | 70.79 | 70.63 |
| Linearity SAR (W/kg) | 0.224 | | Linearity SAR (W/kg) | 0.128 | |
| % deviation from expected linearity | | -4.66% | % deviation from expected linearity | | 6.50% |

**FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Open**

**FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 25.00 | 26.00 | Maximum Tune up Power (dBm) | 25.00 | 26.00 |
| Reported 1g SAR (W/kg) | 0.637 | 0.378 | Reported 1g SAR (W/kg) | 0.163 | 0.098 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 316.23 | 199.05 | Frame Averaged (mW) | 316.23 | 199.05 |
| Linearity SAR (W/kg) | 0.401 | | Linearity SAR (W/kg) | 0.103 | |
| % deviation from expected linearity | | -5.73% | % deviation from expected linearity | | -4.49% |

**FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Open**

**FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 21.50 | 24.00 | Maximum Tune up Power (dBm) | 21.50 | 24.00 |
| Reported 1g SAR (W/kg) | 0.449 | 0.372 | Reported 1g SAR (W/kg) | 0.114 | 0.094 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 141.25 | 125.59 | Frame Averaged (mW) | 141.25 | 125.59 |
| Linearity SAR (W/kg) | 0.399 | | Linearity SAR (W/kg) | 0.101 | |
| % deviation from expected linearity | | -6.82% | % deviation from expected linearity | | -7.26% |

**FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Open**

**FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 25.00 | 26.00 | Maximum Tune up Power (dBm) | 25.00 | 26.00 |
| Reported 1g SAR (W/kg) | 0.394 | 0.252 | Reported 1g SAR (W/kg) | 0.114 | 0.071 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 316.23 | 199.05 | Frame Averaged (mW) | 316.23 | 199.05 |
| Linearity SAR (W/kg) | 0.248 | | Linearity SAR (W/kg) | 0.072 | |
| % deviation from expected linearity | | 1.61% | % deviation from expected linearity | | -1.06% |

**FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Open**

**FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Close**

| | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) | | FR1 N78 (Power Class 3) | FR1 N78 (Power Class 2) |
|---|---|---|---|---|---|
| Maximum Tune up Power (dBm) | 21.50 | 24.00 | Maximum Tune up Power (dBm) | 21.50 | 24.00 |
| Reported 1g SAR (W/kg) | 0.177 | 0.152 | Reported 1g SAR (W/kg) | 0.077 | 0.072 |
| Duty Cycle | 100.00% | 50.00% | Duty Cycle | 100.00% | 50.00% |
| Frame Averaged (mW) | 141.25 | 125.59 | Frame Averaged (mW) | 141.25 | 125.59 |
| Linearity SAR (W/kg) | 0.157 | | Linearity SAR (W/kg) | 0.068 | |
| % deviation from expected linearity | | -3.42% | % deviation from expected linearity | | 5.17% |

# 17. Simultaneous Transmission Analysis

| No. | Simultaneous Transmission Configurations | Portable Handset | | | |
|---|---|---|---|---|---|
| | | Head | Body-worn | Hotspot | Product specific 10g SAR |
| 1. | WWAN + 2.4GHz WLAN | Yes | Yes | Yes | Yes |
| 2. | WWAN + 5GHz WLAN | Yes | Yes | Yes | Yes |
| 3. | WWAN + 6GHz WLAN | Yes | Yes | | Yes |
| 4. | WWAN + Bluetooth | Yes | Yes | Yes | Yes |
| 5. | 5GHz WLAN + Bluetooth | Yes | Yes | Yes | Yes |
| 6. | 6GHz WLAN + Bluetooth | Yes | Yes | | Yes |
| 7. | 5GHz WLAN + 2.4GHz WLAN | Yes | Yes | Yes | Yes |
| 8. | 6GHz WLAN + 2.4GHz WLAN | Yes | Yes | | Yes |
| 9. | WWAN +5GHz WLAN + Bluetooth | Yes | Yes | Yes | Yes |
| 10. | WWAN +6GHz WLAN + Bluetooth | Yes | Yes | | Yes |
| 11. | WWAN +5GHz WLAN + 2.4GHz WLAN | Yes | Yes | Yes | Yes |
| 12. | WWAN +6GHz WLAN + 2.4GHz WLAN | Yes | Yes | | Yes |
| 13. | WWAN + 2.4GHz WLAN+ NFC | | | | Yes |
| 14. | WWAN + 5GHz/6GHz WLAN+ NFC | | | | Yes |
| 15. | WWAN + Bluetooth+ NFC | | | | Yes |
| 16. | 5GHz/6GHz WLAN + Bluetooth+ NFC | | | | Yes |
| 17. | 5GHz/6GHz WLAN + 2.4GHz WLAN+ NFC | | | | Yes |
| 18. | WWAN +5GHz/6GHz WLAN + Bluetooth+ NFC | | | | Yes |
| 19. | WWAN +5GHz/6GHz WLAN + 2.4GHz WLAN+ NFC | | | | Yes |

**General Note:**

1. This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. WLAN2.4GHz/WLAN5GHz MIMO SAR can represent SISO SAR to do co-located SAR analysis.
4. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
5. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz / 5.5GHz supports WiFi Direct (GC only). WLAN6GHz has no hotspot function.
6. For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. Therefore, simultaneous transmission compliance between 4G+5G (PCC+SCC) operations within an antenna group is demonstrated in the Part 2 Report during algorithm validation.
7. The equipment under test (EUT) contains the Qualcomm modems supporting 2G/3G/4G/5G technologies and WLAN/BT technologies. these modems are always enabled with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure the time-averaged RF exposure follows the FCC requirement. Each antenna group has controlled the total RF exposure from all transmitter to not exceed FCC limit. Therefore, in Part.1 report, it is evaluated whether the sum of the groups of each antenna does not exceed FCC limit or spatial separation is applied. In addition, each antenna needs to satisfy simultaneous transmission analysis with External radios (NFC) in this report at extremity exposure condition.
8. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
9. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN 6GHz has no hotspot function.
10. According to the EUT characteristic, WLAN2.4GHz and Bluetooth cannot transmit simultaneously.
11. According to the EUT characteristic, WLAN5GHz/6GHz and Bluetooth can transmit simultaneously.
12. According to the EUT characteristic, WLAN5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
13. The worst case 5 GHz/6GHz WLAN SAR for each configuration was used for SAR summation.
14. NFC can transmit simultaneously with other Radios in extremity exposure condition.
15. The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
16. When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
17. For standalone WWAN/BT/WLAN, always choose the highest SAR among all WWAN/BT/WLAN bands within all

antennas for each exposure position to perform simultaneous transmission analysis. This is the worst co-located analysis and can represent each band.

18. The maximum SAR summation is calculated based on the same configuration and test position.
19. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
20. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
    i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
    ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)2 + (y1-y2)2 + (z1-z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
    iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
    iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
21. The WLAN6GHz Sim-Tx analysis guidance with other transmitters was based on SAR test results. The simultaneous transmission and test exemption analysis were compliant with KDB 447498 D01. For the device does not support FR2 or other MPE field measurement, therefore section 17 in the SAR report has no TER analysis according to KDB 987594 requirement.

## *17.1 MIMO SAR Test condition and verification*

**General Note:**

1. Smart Transmit EFS v20 (or lower) uses SISO Plimit to calculate RF exposure from MIMO transmission scenario. Therefore, if MIMO is supported for WWAN technologies (including 5G sub6 NR), below procedure should be performed for validity of Smart Transmit operation:
    1) Below procedure should also be performed for Smart Transmit EFS v21 (or higher) if MIMO Plimit is not populated in the EFS but MIMO operation is supported for antennas belonging to the same antenna group (refer to Section 4.2.5 of of Qualcomm's document 80-W2112-4).
2. Measure SAR for supported MIMO scenarios in FTM mode with each of the MIMO antennas set to transmit continuously at *Ptest* = minimum {*Plimit(i), Pmax(i); i*=1 to *n* MIMO antennas}, where *Plimit(i)* is the power level entered in the Smart Transmit EFS for antenna *i* under the corresponding tech/band/DSI. For Smart Transmit to ensure the compliance in MIMO transmission scenario, the below criteria should be met for measured MIMO SAR (i.e., highest peak spatial-average SAR from the measurement):

$$reported\ SAR_{MIMO} = Measured\ MIMO\ SAR_{MIMO}\ at\ (\ P_{test}\ + device\ total\ uncertainty\ ) \leq calc.SAR$$

Where $calc.SAR\ = \sum_{i=1}^{n}\left[SAR\_design\_target\ * 10^{\left(\frac{total\ uncertainty+P_{test}-P_{limit}(i)-backoff(i)}{10}\right)}\right]$

Here,

- *n* is number of MIMO antennas (in case of 2x2MIMO, n=2).
- *Plimit(i)* is EFS *Plimit* for antenna *i* ϵ MIMO for a given tech/band/DSI. *Plimit* corresponds to *SAR_design_target.*
- *backoff(i)* is backoff from *SAR_design_target* used for the *i*th antenna's *Plimit* to meet TER with external radios (i.e., radios outside of Smart Transmit control). If EFS *Plimit* of antenna *i* corresponds to *SAR_design_target*, then *backoff(i)* = 0 in the above equation.
- *Ptest* (i.e., power level used for MIMO SAR measurement, MIMO.SAR *@Ptest*) = min {*Plimit(i)*, Pmax*(i)*, *i* = 1 to n MIMO antenna}. To further clarify, *Ptest* = min {*Plimit(i), SISO.Pmax(i)*, *MIMO.Pmax*, *i*= 1 to n antenna ϵ MIMO}, where, *Plimit* corresponds to *SAR_design_target*; *SISO.Pmax* and *MIMO.Pmax* correspond to the maximum output power (nominal levels without device uncertainty) that device is capable; here, *Ptest* is nominal power level, not measured level.

3. If the $reported\ SARMIMO$ does not meet the above condition, then *Plimit(i)* for each of the MIMO antenna in the Smart Transmit EFS should be reduced by *10*log10[*$reported\ SARMIMO$ */calc.SAR]* dB.
4. Per Qualcomm's document guideline, WLAN MIMO Plimit is configured in the EFS and WLAN MIMO antennas belong to the same antenna group, then SAR measurement results at MIMO Plimit for the corresponding WLAN MIMO transmission scenario can be referred to section 16 in this report.
5. Per Qualcomm's document guideline, FR1/BT MIMO Plimit is not populated in the EFS file, but MIMO operation is supported for antennas belonging to the same antenna group, the detail FR1/BT MIMO analysis results please referred to appendix H.

## 17.2 Sub6 Antenna Groups

The Qualcomm® Smart Transmit™ 4.0 of Smart Transmit (GEN2) Feature operates based on pre-defined sub6 antenna groups (AG). Sub6 Tx antennas in the device are grouped based on spatial variation of RF exposure distributions, where the RF exposure of one AG is mutually exclusive from other AG. This is accomplished by demonstrating below conditions for all exposure positions under each DSI for a given exposure category.

1) Case 1: Demonstrate that Sum of maximum reported SAR from each of the sub6 AGs and the reported normalized SAR values from radios outside Smart Transmit should be less than regulatory limits for each supported DSI. This condition must be demonstrated for all antenna combinations of sub6 AGs.
   i. For a given DSI, obtain the highest *reported* SAR for each antenna out of all supported technologies and frequency bands. Obtain the maximum *reported* SAR for each AG by taking the maximum out of *reported* SAR for all antennas belonging to each AG.
   ii. Demonstrate that the sum of maximum reported SAR (normalized to regulatory limit) from each of the sub6 AGs and the sum of reported SAR (normalized to regulatory limit) from all supported radios outside of Smart Transmit should be less than 1.0
2) Case 2: If the Case 1 is NOT met, then for a given antenna grouping scheme plus external radios/antennas (ERs) (referred to as 'configuration'), demonstrate all AG pairs, all ER pairs and all (AG, ER) pairs in the configuration meet SPLSR criteria (Section 4.3.2 (c) in FCC KDB 447498 D01 v06) for each exposure position under each supported DSI. For a given exposure position under a given DSI, prove all AG pairs, all ER pairs and all (AG, ER) pairs (if there are external radios outside Smart Transmit) in the configuration meet SPLSR.

This device supports two sub6 AG: AG0 and AG1, the detailed please refer to the below table:

| | |
|---|---|
| **Antenna Group 0 (AG0)** | ANT1 & ANT5 & ANT6 & ANT7 & ANT8 & ANT9 & ANT10 |
| **Antenna Group 1 (AG1)** | ANT0 |

3) This model's multi_Tx_factor is 1.0.

The conditions are verified through the following criterias:

i) (SAR1 + SAR2 criteria): If SPLSR criteria is not used, then the highest reported SAR at *Plimit* for each antenna should be obtained out of all supported technologies and frequency bands for each DSI. Demonstrate that the sum of reported SAR of one antenna from each of the sub6 AGs and the sum of RF exposure from all supported radios outside of Smart Transmit should be less than the regulatory limit as given below for each DSI.

1. Obtain the worst-case reported SAR for each antenna group (i.e., maximum *reported* SAR at *Plimit* out of all supported technologies, frequency bands and antennas in AG0 and AG1), denoted as max.SAR.AG0 and max.SAR.AG1, and obtain the worst-case RF exposure for each external radio, and demonstrate that the sum of these RF exposures meets: { [max.SAR.AG0+ max.SAR.AG1] + each external radio worst-case reported SAR (ex: NFC)} ≤ 1.6 (for 1g, or 4.0 for 10g). (each external radio worst-case reported SAR is the worst SAR in all combinations of each external radio simultaneous transmission).

ii) (SPLSR criteria): For each antenna, obtain the highest reported SAR value at *Plimit* out of all supported technologies for each frequency band. Using these values, demonstrate for a given DSI that every antenna from one sub6 AG meets SPLSR criteria with every antenna in another sub6 AG for all frequency bands. This criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios as given below for each DSI:

a. SPLSR criteria should be met for all antenna pair combinations of AG0 and AG1. As it can be seen, these include all combinations of antenna groups, antennas, and frequency bands.
b. Obtain combined SAR per AG: Obtain the worst-case conservative combined SAR and its peak location for each AG.
c. Use the 'closest' peak location out of all antennas of AGj to evaluate SPLSR with other AGs in the configuration. Note, by 'closest', select the peak location out of all antennas (ϵ AGj) that is closest to the peak location of other AG where SPLSR is evaluated.

iii) (combination of SPLSR & SAR1+SAR2 criteria): If SPLSR criteria for all the combinations of sub6g antenna groups in (i) is demonstrated to show that each AG is mutually exclusive from other AGs, and if the WIFI/BT antennas supported outside of Smart Transmit do not meet SPLSR criteria, then the condition in (ii) reduces to: {max.SAR.AG0 + worst-case reported SAR} ≤ 1.6 and {max.SAR.AG1+ worst-case reported SAR } ≤ 1.6 for compliance demonstration (for 1g, or 4.0 for 10g).

iv) Obtain the worst-case reported SAR for each antenna group, (i.e., maximum *reported* SAR at *Plimit* out of all supported technologies, frequency bands and antennas in AG0 and AG1), denoted as max.SAR.AG0 and max.SAR.AG1, and WIFI/BT antennas supported Smart Transmit technology and there is no other radios in this report, and demonstrate that the sum of these RF exposures meets: { [max.SAR.AG0+ max.SAR.AG1] } ≤ 1.6 (for 1g, or 4.0 for 10g).

For summed SAR results and SPLSR detailed analysis please refer to section 17.3 / 17.4 / 17.5 / 17.6 of this report. All of the combinations of sub6 antenna groups are sufficient to show that AG0 is mutually exclusive from AG1 and that

simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06 and IEEE 1528- 2013 Section 6.3.4.1.

## 17.3 Head Exposure Conditions

### < Flip Open >

**General Note:** The unit of SAR evaluation is W/kg.
**Simultaneous Transmission Evaluation of WWAN+WLAN+BT:**
**<AG0 maximum report SAR>:**

| Test Position | Ant1 | Ant5 | Ant6 | Ant7 | Ant8 | WLAN2.4GHz Ant9+10 | WLAN5GHz Ant8+10 | WLAN6GHz Ant8+10 | BT Ant9 | BT Ant10 | MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Right Cheek | 1.091 | 1.029 | 1.053 | 1.084 | 0.352 | 0.300 | 0.442 | 0.533 | 0.287 | 0.184 | **1.091** |
| Right Tilted | 0.324 | 1.068 | 0.170 | 0.746 | 0.392 | 0.092 | 0.403 | 0.563 | 0.350 | 0.066 | **1.068** |
| Left Cheek | 1.081 | 0.863 | 1.093 | 0.354 | 1.005 | 1.021 | 0.974 | 0.855 | 0.561 | 0.696 | **1.093** |
| Left Tilted | 0.214 | 0.869 | 0.518 | 0.241 | 1.085 | 0.233 | 0.867 | 0.772 | 0.560 | 0.197 | **1.085** |

**<AG1 maximum report SAR>:**

| Test Position | Ant0 | MAX |
|---|---|---|
| Right Cheek | 0.150 | **0.150** |
| Right Tilted | 0.089 | **0.089** |
| Left Cheek | 0.197 | **0.197** |
| Left Tilted | 0.074 | **0.074** |

**<Simultaneous Transmission analysis of AG0 + AG1>:**

| Test Position | AG0 | AG1 | AG0+AG1 |
|---|---|---|---|
| Right Cheek | 1.091 | 0.150 | 1.24 |
| Right Tilted | 1.068 | 0.089 | 1.16 |
| Left Cheek | 1.093 | 0.197 | 1.29 |
| Left Tilted | 1.085 | 0.074 | 1.16 |

### <Flip Close >

**General Note:** The unit of SAR evaluation is W/kg.
**Simultaneous Transmission Evaluation of WWAN+WLAN+BT:**
**<AG0 maximum report SAR>:**

| Test Position | Ant1 | Ant5 | Ant6 | Ant7 | Ant8 | WLAN2.4GHz Ant9+10 | WLAN5GHz Ant8+10 | WLAN6GHz Ant8+10 | BT Ant9 | BT Ant10 | MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Right Cheek | 0.719 | 0.603 | 1.090 | 0.388 | 1.082 | 0.976 | 1.063 | 1.006 | 0.595 | 0.354 | **1.090** |
| Right Tilted | 0.202 | 0.776 | 0.365 | 0.234 | 0.963 | 0.297 | 0.896 | 1.084 | 0.403 | 0.140 | **1.084** |
| Left Cheek | 1.094 | 1.037 | 1.092 | 0.912 | 0.550 | 0.230 | 0.557 | 0.629 | 0.237 | 0.096 | **1.094** |
| Left Tilted | 0.309 | 1.093 | 0.326 | 0.905 | 0.558 | 0.162 | 0.535 | 0.867 | 0.304 | 0.084 | **1.093** |

**<AG1 maximum report SAR>:**

| Test Position | Ant0 | MAX |
|---|---|---|
| Right Cheek | 0.411 | **0.411** |
| Right Tilted | 0.446 | **0.446** |
| Left Cheek | 0.442 | **0.442** |
| Left Tilted | 0.459 | **0.459** |

**<Simultaneous Transmission analysis of AG0 + AG1>:**

| Test Position | AG0 | AG1 | AG0+AG1 |
|---|---|---|---|
| Right Cheek 0mm | 1.090 | 0.411 | 1.50 |
| Right Tilted 0mm | 1.084 | 0.446 | 1.53 |
| Left Cheek 0mm | 1.094 | 0.442 | 1.54 |
| Left Tilted 0mm | 1.093 | 0.459 | 1.55 |

## 17.4 Hotspot Exposure Conditions

### < Flip Open >

**General Note:** The unit of SAR evaluation is W/kg.
**Simultaneous Transmission Evaluation of WWAN+WLAN+BT:**
**<AG0 maximum report SAR>:**

| Test Position | Ant1 | Ant5 | Ant6 | Ant7 | Ant8 | WLAN2.4GHz Ant9+10 | WLAN5GHz Ant8+10 | BT Ant9 | BT Ant10 | MAX |
|---|---|---|---|---|---|---|---|---|---|---|
| Front | 0.387 | 0.268 | 0.381 | 0.242 | 0.196 | 0.250 | 0.496 | 0.070 | 0.051 | **0.496** |
| Back | 0.458 | 0.260 | 0.358 | 0.279 | 0.172 | 0.215 | 0.587 | 0.070 | 0.043 | **0.587** |
| Left Side | 0.844 | 0.168 | | 0.668 | | | | | | **0.844** |
| Right Side | | | 0.676 | | 0.132 | 0.520 | 0.613 | 0.000 | 0.110 | **0.676** |
| Top Side | 0.089 | 0.689 | 0.128 | 0.280 | 0.282 | 0.194 | 0.384 | 0.161 | 0.026 | **0.689** |
| Bottom Side | | | | | | | | | | |

**<AG1 maximum report SAR>:**

| Test Position | Ant0 | MAX |
|---|---|---|
| Front | 0.337 | **0.337** |
| Back | 0.478 | **0.478** |
| Left Side | 0.225 | **0.225** |
| Right Side | 0.167 | **0.167** |
| Top Side | | **0.000** |
| Bottom Side | 1.035 | **1.035** |

**<Simultaneous Transmission analysis of AG0 + AG1>:**

| Test Position | AG0 | AG1 | AG0+AG1 |
|---|---|---|---|
| Front | 0.496 | 0.337 | 0.83 |
| Back | 0.645 | 0.478 | 1.12 |
| Left Side | 0.994 | 0.225 | 1.22 |
| Right Side | 0.676 | 0.167 | 0.84 |
| Top Side | 0.689 | 0.000 | 0.69 |
| Bottom Side | 0.000 | 1.035 | 1.04 |

**<Flip Close >**

**General Note:** The unit of SAR evaluation is W/kg.

**Simultaneous Transmission Evaluation of WWAN+WLAN+BT:**

**<AG0 maximum report SAR>:**

| Test Position | Ant1 | Ant5 | Ant6 | Ant7 | Ant8 | WLAN2.4GHz Ant9+10 | WLAN5GHz Ant8+10 | BT Ant9 | BT Ant10 | MAX |
|---|---|---|---|---|---|---|---|---|---|---|
| Front | 0.648 | 0.400 | 0.484 | 0.603 | 0.472 | 0.359 | 0.884 | 0.225 | 0.225 | **0.884** |
| Back | 0.303 | 0.116 | 0.210 | 0.114 | 0.194 | 0.052 | 0.138 | 0.000 | 0.000 | **0.303** |
| Left Side | | | 1.094 | | 0.173 | 0.979 | 0.938 | 0.059 | 0.553 | **1.094** |
| Right Side | 1.076 | 0.261 | | 1.022 | 0.039 | | | | | **1.076** |
| Top Side | 0.098 | 0.958 | 0.096 | 0.428 | 1.022 | 0.088 | 0.673 | 0.361 | 0.099 | **1.022** |
| Bottom Side | 0.073 | | 0.102 | | | | | | | **0.102** |

**<AG1 maximum report SAR>:**

| Test Position | Ant0 | MAX |
|---|---|---|
| Front | 0.084 | **0.084** |
| Back | 0.427 | **0.427** |
| Left Side | 0.063 | **0.063** |
| Right Side | 0.109 | **0.109** |
| Top Side | 0.445 | **0.445** |
| Bottom Side | | |

**<Simultaneous Transmission analysis of AG0 + AG1>:**

| Test Position | AG0 | AG1 | AG0+AG1 |
|---|---|---|---|
| Front | 0.884 | 0.084 | 0.97 |
| Back | 0.303 | 0.427 | 0.73 |
| Left Side | 1.094 | 0.063 | 1.16 |
| Right Side | 1.076 | 0.109 | 1.19 |
| Top Side | 1.022 | 0.445 | 1.47 |
| Bottom Side | 0.102 | 0.000 | 0.10 |

## 17.5 Body-Worn Accessory Exposure Conditions

### <Flip open>

**General Note:** The unit of SAR evaluation is W/kg.

**Simultaneous Transmission Evaluation of WWAN+WLAN+BT:**

**<AG0 maximum report SAR>:**

| Test Position | Ant1 | Ant5 | Ant6 | Ant7 | Ant8 | WLAN2.4GHz Ant9+10 | WLAN5GHz Ant8+10 | WLAN6GHz Ant8+10 | BT Ant9 | BT Ant10 | MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Front | 0.490 | 1.011 | 0.498 | 0.366 | 0.660 | 0.180 | 0.244 | 0.100 | 0.043 | 0.025 | **1.011** |
| Back | 0.390 | 1.090 | 0.529 | 0.452 | 0.580 | 0.128 | 0.313 | 0.071 | 0.000 | 0.000 | **1.090** |

**<AG1 maximum report SAR>:**

| Test Position | Ant0 | MAX |
|---|---|---|
| Front | 0.369 | **0.369** |
| Back | 0.477 | **0.477** |

**<Simultaneous Transmission analysis of AG0 + AG1>:**

| Test Position | AG0 | AG1 | AG0+AG1 |
|---|---|---|---|
| Front | 1.011 | 0.369 | 1.38 |
| Back | 1.090 | 0.477 | **1.57** |

**<Flip Close >**

**General Note:** The unit of SAR evaluation is W/kg.

**Simultaneous Transmission Evaluation of WWAN+WLAN+BT:**

**<AG0 maximum report SAR>:**

| Test Position | Ant1 | Ant5 | Ant6 | Ant7 | Ant8 | WLAN2.4GHz Ant9+10 | WLAN5GHz Ant8+10 | WLAN6GHz Ant8+10 | BT Ant9 | BT Ant10 | MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Front | 0.294 | 0.782 | 0.503 | 0.303 | 0.338 | 0.104 | 0.336 | 0.174 | 0.039 | 0.034 | **0.782** |
| Back | 0.202 | 0.286 | 0.244 | 0.072 | 0.131 | 0.000 | 0.081 | 0.121 | 0.000 | 0.000 | **0.286** |

**<AG1 maximum report SAR>:**

| Test Position | Ant0 | MAX |
|---|---|---|
| Front | 0.108 | **0.108** |
| Back | 0.288 | **0.288** |

**<Simultaneous Transmission analysis of AG0 + AG1>:**

| Test Position | AG0 | AG1 | AG0+AG1 |
|---|---|---|---|
| Front | 0.782 | 0.108 | 0.89 |
| Back | 0.286 | 0.288 | 0.57 |

## *17.6 Product specific 10g SAR Exposure Conditions*

**Remark:**

1. For 2.4GHz/Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

**<Flip open>**

**General Note:** The unit of SAR evaluation is W/kg.

**Simultaneous Transmission Evaluation of WWAN+WLAN+BT+NFC:**

**<AG0 maximum report SAR>:**

| Test Position | WLAN5GHz Ant8+10 | MAX |
|---|---|---|
| Front | 1.248 | 1.248 |
| Back | 0.801 | 0.801 |
| Left Side | | |
| Right Side | 1.845 | 1.845 |
| Top Side | 1.759 | 1.759 |
| Bottom Side | | |

**<Simultaneous Transmission analysis of AG0 + NFC >:**

| Test Position | AG0 | NFC | AG0+NFC |
|---|---|---|---|
| **Front 10mm** | 1.248 | 0.006 | 1.25 |
| **Back 10mm** | 0.801 | 0.004 | 0.81 |
| **Left Side 10mm** | 0.000 | 0.009 | 0.01 |
| **Right Side 10mm** | 1.845 | 0.000 | **1.85** |
| **Top Side 10mm** | 1.759 | 0.000 | 1.76 |
| **Bottom Side 10mm** | 0.000 | 0.000 | 0.00 |

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

# 18. Uncertainty Assessment

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

## 19. References


[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

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