

Appendix E RF Conducted Powers

Appendix E.1 WCDMA Conducted Power

| Mode | 3GPP 34.121 | WCDMA II Band Power (dBm) | | |
|-----------|---------------|---------------------------|---------------|---------------|
| Channel | Subtest | 9262 | 9400 | 9538 |
| Frequency | | (1 852.4 MHz) | (1 880.0 MHz) | (1 907.6 MHz) |
| WCDMA | 12.2 Kbps RMC | 23.51 | 23.57 | 23.69 |
| HSDPA | Subtest 1 | 22.54 | 22.81 | 22.93 |
| | Subtest 2 | 22.49 | 22.71 | 22.88 |
| | Subtest 3 | 22.07 | 22.31 | 22.34 |
| | Subtest 4 | 22.01 | 22.16 | 22.35 |
| HSUPA | Subtest 1 | 22.73 | 22.82 | 23.02 |
| | Subtest 2 | 20.76 | 20.86 | 20.93 |
| | Subtest 3 | 21.66 | 21.92 | 21.78 |
| | Subtest 4 | 20.34 | 20.56 | 20.54 |
| DC-HSDPA | Subtest 1 | 22.67 | 22.58 | 22.85 |
| | Subtest 2 | 22.56 | 22.56 | 22.78 |
| | Subtest 3 | 22.19 | 22.29 | 22.42 |
| | Subtest 4 | 22.31 | 22.23 | 22.44 |

| Mode | 3GPP 34.121 | WCDMA V Band Power (dBm) | | |
|-----------|---------------|--------------------------|-------------|-------------|
| Channel | Subtest | 4132 | 4183 | 4233 |
| Frequency | | (826.4 MHz) | (836.6 MHz) | (846.6 MHz) |
| WCDMA | 12.2 Kbps RMC | 23.82 | 23.95 | 23.58 |
| HSDPA | Subtest 1 | 23.12 | 22.97 | 22.62 |
| | Subtest 2 | 22.91 | 23.12 | 22.15 |
| | Subtest 3 | 22.56 | 22.52 | 22.26 |
| | Subtest 4 | 22.59 | 22.55 | 22.25 |
| HSUPA | Subtest 1 | 23.16 | 23.18 | 22.79 |
| | Subtest 2 | 21.11 | 21.14 | 22.05 |
| | Subtest 3 | 22.12 | 22.19 | 22.21 |
| | Subtest 4 | 21.53 | 21.55 | 21.47 |
| DC-HSDPA | Subtest 1 | 23.14 | 23.09 | 23.07 |
| | Subtest 2 | 23.17 | 23.19 | 23.06 |
| | Subtest 3 | 22.63 | 22.54 | 22.23 |
| | Subtest 4 | 23.05 | 22.99 | 22.61 |

Appendix E.2 LTE Conducted Power

Appendix E.2.1 LTE Band 7 Ant1,3

| LTE Band7 5MHz Bandwidth | | | | | |
|--------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 20775 | 21100 | 21425 |
| | | | (2 502.5 MHz) | (2 535.0 MHz) | (2 567.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.58 | 22.70 | 23.20 |
| | 1 | 12 | 22.59 | 22.66 | 23.29 |
| | 1 | 24 | 22.68 | 22.67 | 22.87 |
| | 12 | 0 | 21.89 | 21.78 | 22.45 |
| | 12 | 6 | 21.73 | 21.76 | 22.43 |
| | 12 | 13 | 21.72 | 21.78 | 22.21 |
| | 25 | 0 | 21.82 | 21.82 | 22.11 |
| 16QAM | 1 | 0 | 22.13 | 22.02 | 22.00 |
| | 1 | 12 | 21.75 | 22.27 | 22.18 |
| | 1 | 24 | 21.74 | 22.07 | 22.00 |
| | 12 | 0 | 20.83 | 20.77 | 21.94 |
| | 12 | 6 | 20.84 | 20.83 | 22.10 |
| | 12 | 13 | 20.74 | 20.84 | 22.09 |
| | 25 | 0 | 20.84 | 20.82 | 21.89 |
| 64QAM | 1 | 0 | 20.44 | 20.66 | 21.16 |
| | 1 | 12 | 20.81 | 21.07 | 21.11 |
| | 1 | 24 | 21.03 | 20.92 | 21.10 |
| | 12 | 0 | 19.92 | 19.81 | 20.91 |
| | 12 | 6 | 19.84 | 19.74 | 21.14 |
| | 12 | 13 | 19.78 | 19.87 | 21.54 |
| | 25 | 0 | 19.84 | 19.84 | 21.24 |
| 256QAM | 1 | 0 | 17.70 | 18.13 | 18.16 |
| | 1 | 12 | 17.91 | 17.78 | 17.81 |
| | 1 | 24 | 17.87 | 17.86 | 17.85 |
| | 12 | 0 | 17.80 | 17.85 | 17.92 |
| | 12 | 6 | 17.96 | 18.00 | 18.10 |
| | 12 | 13 | 17.86 | 17.88 | 18.12 |
| | 25 | 0 | 17.77 | 17.74 | 18.51 |

| LTE Band7 10MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 20800 | 21100 | 21400 |
| | | | (2 505.0 MHz) | (2 535.0 MHz) | (2 565.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.86 | 22.66 | 23.26 |
| | 1 | 25 | 23.17 | 22.72 | 22.94 |
| | 1 | 49 | 22.70 | 23.10 | 23.32 |
| | 25 | 0 | 22.59 | 21.85 | 22.06 |
| | 25 | 12 | 22.59 | 21.85 | 22.03 |
| | 25 | 25 | 22.49 | 22.05 | 22.03 |
| | 50 | 0 | 22.04 | 21.77 | 22.12 |
| 16QAM | 1 | 0 | 22.09 | 21.76 | 22.18 |
| | 1 | 25 | 22.76 | 21.93 | 22.11 |
| | 1 | 49 | 22.35 | 22.05 | 22.14 |
| | 25 | 0 | 21.81 | 20.92 | 21.13 |
| | 25 | 12 | 21.95 | 20.91 | 21.20 |
| | 25 | 25 | 21.81 | 20.97 | 21.10 |
| | 50 | 0 | 20.77 | 20.89 | 21.09 |
| 64QAM | 1 | 0 | 20.97 | 21.06 | 21.31 |
| | 1 | 25 | 20.88 | 21.08 | 21.43 |
| | 1 | 49 | 21.15 | 20.95 | 21.06 |
| | 25 | 0 | 20.77 | 19.97 | 20.19 |
| | 25 | 12 | 20.82 | 19.89 | 20.17 |
| | 25 | 25 | 20.92 | 19.91 | 20.14 |
| | 50 | 0 | 19.84 | 19.88 | 20.15 |
| 256QAM | 1 | 0 | 17.99 | 18.17 | 18.14 |
| | 1 | 25 | 17.83 | 17.78 | 18.15 |
| | 1 | 49 | 18.13 | 17.62 | 18.15 |
| | 25 | 0 | 17.85 | 17.95 | 18.12 |
| | 25 | 12 | 17.92 | 17.90 | 18.12 |
| | 25 | 25 | 17.95 | 17.83 | 18.11 |
| | 50 | 0 | 17.85 | 17.84 | 18.11 |

| LTE Band7 15MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 20825 | 21100 | 21375 |
| | | | (2 507.5 MHz) | (2 535.0 MHz) | (2 562.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.89 | 23.10 | 23.02 |
| | 1 | 36 | 22.78 | 22.75 | 22.93 |
| | 1 | 74 | 22.63 | 22.77 | 22.89 |
| | 36 | 0 | 22.53 | 21.81 | 21.95 |
| | 36 | 18 | 22.53 | 21.83 | 21.93 |
| | 36 | 37 | 22.43 | 21.86 | 21.81 |
| | 75 | 0 | 21.76 | 21.75 | 21.96 |
| 16QAM | 1 | 0 | 21.89 | 22.33 | 21.97 |
| | 1 | 36 | 21.83 | 21.87 | 22.23 |
| | 1 | 74 | 21.93 | 22.06 | 22.00 |
| | 36 | 0 | 21.83 | 20.82 | 21.02 |
| | 36 | 18 | 21.75 | 20.84 | 21.05 |
| | 36 | 37 | 21.83 | 20.80 | 21.08 |
| | 75 | 0 | 20.82 | 20.81 | 21.03 |
| 64QAM | 1 | 0 | 20.89 | 20.96 | 20.95 |
| | 1 | 36 | 20.97 | 20.85 | 21.84 |
| | 1 | 74 | 20.88 | 21.06 | 21.32 |
| | 36 | 0 | 20.87 | 19.80 | 20.00 |
| | 36 | 18 | 20.76 | 19.91 | 20.02 |
| | 36 | 37 | 20.87 | 19.83 | 19.93 |
| | 75 | 0 | 19.75 | 19.75 | 20.00 |
| 256QAM | 1 | 0 | 18.16 | 18.13 | 17.91 |
| | 1 | 36 | 17.91 | 18.13 | 18.41 |
| | 1 | 74 | 18.04 | 17.88 | 18.39 |
| | 36 | 0 | 18.09 | 17.81 | 18.06 |
| | 36 | 18 | 17.79 | 17.95 | 18.04 |
| | 36 | 37 | 17.93 | 17.87 | 17.94 |
| | 75 | 0 | 17.83 | 17.83 | 17.95 |

| LTE Band7 20MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 20850 | 21100 | 21350 |
| | | | (2 510.0 MHz) | (2 535.0 MHz) | (2 560.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.75 | 23.15 | 23.05 |
| | 1 | 50 | 22.93 | 23.41 | 23.13 |
| | 1 | 99 | 22.70 | 22.81 | 22.97 |
| | 50 | 0 | 22.99 | 21.81 | 21.89 |
| | 50 | 25 | 22.68 | 22.69 | 22.59 |
| | 50 | 13 | 22.65 | 21.81 | 21.96 |
| | 100 | 0 | 21.88 | 21.77 | 21.92 |
| 16QAM | 1 | 0 | 22.16 | 22.46 | 22.25 |
| | 1 | 50 | 22.12 | 22.18 | 22.22 |
| | 1 | 99 | 21.94 | 21.79 | 21.96 |
| | 50 | 0 | 21.85 | 20.97 | 20.90 |
| | 50 | 25 | 21.88 | 20.85 | 20.96 |
| | 50 | 50 | 21.88 | 20.82 | 21.16 |
| | 100 | 0 | 20.73 | 20.80 | 21.06 |
| 64QAM | 1 | 0 | 20.87 | 21.11 | 21.12 |
| | 1 | 50 | 20.90 | 21.14 | 21.12 |
| | 1 | 99 | 20.95 | 21.22 | 21.04 |
| | 50 | 0 | 20.84 | 19.86 | 19.97 |
| | 50 | 25 | 20.80 | 19.85 | 20.04 |
| | 50 | 50 | 20.87 | 20.00 | 20.11 |
| | 100 | 0 | 19.80 | 19.79 | 20.13 |
| 256QAM | 1 | 0 | 18.00 | 17.98 | 18.28 |
| | 1 | 50 | 18.01 | 17.97 | 18.63 |
| | 1 | 99 | 17.96 | 18.24 | 18.31 |
| | 50 | 0 | 18.11 | 17.95 | 18.03 |
| | 50 | 25 | 17.96 | 17.94 | 18.09 |
| | 50 | 50 | 17.83 | 17.79 | 18.07 |
| | 100 | 0 | 17.91 | 17.95 | 18.16 |

Appendix E.2.2 LTE Band 12 Ant 1,3

| LTE Band12 1.4MHz Bandwidth | | | | | |
|------------------------------------|----------------|------------------|-------------------------------|--------------------|---------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 23017 | 23095 | 23173 |
| | | | (699.7 MHz) | (707.5 MHz) | (715.3 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.38 | 23.37 | 23.35 |
| | 1 | 2 | 23.41 | 23.11 | 23.33 |
| | 1 | 5 | 23.51 | 23.46 | 23.28 |
| | 3 | 0 | 23.37 | 23.40 | 23.24 |
| | 3 | 2 | 23.33 | 23.41 | 23.46 |
| | 3 | 3 | 23.33 | 23.36 | 23.44 |
| | 6 | 0 | 22.43 | 23.33 | 23.31 |
| 16QAM | 1 | 0 | 22.72 | 22.75 | 22.61 |
| | 1 | 2 | 22.64 | 22.86 | 22.52 |
| | 1 | 5 | 22.72 | 22.83 | 22.63 |
| | 3 | 0 | 22.55 | 22.86 | 22.57 |
| | 3 | 2 | 22.46 | 22.86 | 22.54 |
| | 3 | 3 | 22.59 | 22.68 | 22.62 |
| | 6 | 0 | 21.56 | 22.70 | 22.77 |
| 64QAM | 1 | 0 | 21.62 | 21.90 | 21.46 |
| | 1 | 2 | 21.78 | 21.65 | 21.59 |
| | 1 | 5 | 21.73 | 21.81 | 21.79 |
| | 3 | 0 | 21.58 | 21.74 | 21.77 |
| | 3 | 2 | 21.60 | 21.54 | 21.68 |
| | 3 | 3 | 21.54 | 21.71 | 21.56 |
| | 6 | 0 | 20.45 | 21.66 | 21.69 |
| 256QAM | 1 | 0 | 18.57 | 18.77 | 18.68 |
| | 1 | 2 | 18.69 | 18.74 | 18.87 |
| | 1 | 5 | 18.60 | 18.62 | 18.79 |
| | 3 | 0 | 18.49 | 18.67 | 18.84 |
| | 3 | 2 | 18.56 | 18.67 | 18.81 |
| | 3 | 3 | 18.51 | 18.71 | 18.75 |
| | 6 | 0 | 18.48 | 18.73 | 18.82 |

| LTE Band12 3MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 23025 | 23095 | 23165 |
| | | | (700.5 MHz) | (707.5 MHz) | (714.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.19 | 23.22 | 23.22 |
| | 1 | 7 | 23.40 | 23.19 | 23.22 |
| | 1 | 14 | 23.23 | 23.20 | 23.31 |
| | 8 | 0 | 23.27 | 22.16 | 22.19 |
| | 8 | 4 | 23.17 | 22.18 | 22.14 |
| | 8 | 7 | 23.30 | 22.21 | 22.18 |
| | 15 | 0 | 22.13 | 22.14 | 22.13 |
| 16QAM | 1 | 0 | 22.58 | 22.55 | 22.52 |
| | 1 | 7 | 22.50 | 22.56 | 22.75 |
| | 1 | 14 | 22.48 | 22.39 | 22.79 |
| | 8 | 0 | 22.36 | 21.19 | 21.18 |
| | 8 | 4 | 22.28 | 21.21 | 21.20 |
| | 8 | 7 | 22.47 | 21.33 | 21.19 |
| | 15 | 0 | 21.28 | 21.24 | 21.18 |
| 64QAM | 1 | 0 | 21.50 | 21.52 | 21.32 |
| | 1 | 7 | 21.50 | 21.67 | 21.27 |
| | 1 | 14 | 21.54 | 21.31 | 21.59 |
| | 8 | 0 | 21.29 | 20.26 | 20.17 |
| | 8 | 4 | 21.28 | 20.22 | 20.14 |
| | 8 | 7 | 21.46 | 20.32 | 20.22 |
| | 15 | 0 | 20.12 | 20.20 | 20.26 |
| 256QAM | 1 | 0 | 18.11 | 18.31 | 18.41 |
| | 1 | 7 | 18.15 | 18.17 | 18.14 |
| | 1 | 14 | 18.38 | 18.13 | 18.15 |
| | 8 | 0 | 18.20 | 17.96 | 17.94 |
| | 8 | 4 | 18.06 | 18.29 | 18.18 |
| | 8 | 7 | 18.26 | 17.89 | 17.99 |
| | 15 | 0 | 18.21 | 18.04 | 18.01 |

| LTE Band12 5MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 23035 | 23095 | 23155 |
| | | | (701.5 MHz) | (707.5 MHz) | (713.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.28 | 23.48 | 23.44 |
| | 1 | 12 | 23.38 | 23.43 | 23.50 |
| | 1 | 24 | 23.37 | 23.42 | 23.45 |
| | 12 | 0 | 23.39 | 23.45 | 22.41 |
| | 12 | 6 | 23.44 | 23.39 | 22.41 |
| | 12 | 13 | 23.35 | 23.43 | 22.45 |
| | 25 | 0 | 23.49 | 22.46 | 22.40 |
| 16QAM | 1 | 0 | 22.71 | 22.66 | 22.69 |
| | 1 | 12 | 22.77 | 22.78 | 22.84 |
| | 1 | 24 | 22.76 | 22.75 | 22.56 |
| | 12 | 0 | 22.66 | 22.61 | 21.43 |
| | 12 | 6 | 22.63 | 22.82 | 21.44 |
| | 12 | 13 | 22.59 | 22.74 | 21.44 |
| | 25 | 0 | 22.59 | 21.53 | 21.44 |
| 64QAM | 1 | 0 | 21.82 | 21.74 | 21.71 |
| | 1 | 12 | 21.75 | 21.76 | 21.62 |
| | 1 | 24 | 21.97 | 21.59 | 21.52 |
| | 12 | 0 | 21.40 | 21.63 | 20.46 |
| | 12 | 6 | 21.68 | 21.62 | 20.46 |
| | 12 | 13 | 21.72 | 21.64 | 20.42 |
| | 25 | 0 | 21.61 | 20.53 | 20.43 |
| 256QAM | 1 | 0 | 18.61 | 18.50 | 18.55 |
| | 1 | 12 | 18.54 | 18.64 | 18.61 |
| | 1 | 24 | 18.57 | 18.63 | 18.29 |
| | 12 | 0 | 18.47 | 18.51 | 18.43 |
| | 12 | 6 | 18.50 | 18.56 | 18.49 |
| | 12 | 13 | 18.61 | 18.54 | 18.49 |
| | 25 | 0 | 18.38 | 18.54 | 18.34 |

| LTE Band12 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 23060 | 23095 | 23130 |
| | | | (704.0 MHz) | (707.5 MHz) | (711.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.49 | 23.54 | 23.52 |
| | 1 | 25 | 23.43 | 23.47 | 23.51 |
| | 1 | 49 | 23.51 | 23.46 | 23.50 |
| | 25 | 0 | 23.46 | 23.45 | 23.43 |
| | 25 | 12 | 23.21 | 23.47 | 23.31 |
| | 25 | 25 | 23.40 | 23.43 | 23.34 |
| | 50 | 0 | 23.20 | 22.61 | 22.59 |
| 16QAM | 1 | 0 | 23.40 | 22.86 | 22.78 |
| | 1 | 25 | 23.04 | 22.84 | 23.27 |
| | 1 | 49 | 23.03 | 23.13 | 22.83 |
| | 25 | 0 | 23.09 | 22.66 | 22.69 |
| | 25 | 12 | 22.98 | 22.81 | 22.75 |
| | 25 | 25 | 22.69 | 22.72 | 22.66 |
| | 50 | 0 | 22.69 | 21.65 | 21.70 |
| 64QAM | 1 | 0 | 21.83 | 21.89 | 21.89 |
| | 1 | 25 | 21.97 | 21.84 | 21.87 |
| | 1 | 49 | 21.98 | 22.40 | 21.76 |
| | 25 | 0 | 21.85 | 21.66 | 21.67 |
| | 25 | 12 | 21.89 | 21.85 | 21.65 |
| | 25 | 25 | 21.64 | 21.84 | 21.70 |
| | 50 | 0 | 21.75 | 20.62 | 20.66 |
| 256QAM | 1 | 0 | 18.75 | 18.81 | 18.71 |
| | 1 | 25 | 18.76 | 18.76 | 18.63 |
| | 1 | 49 | 18.92 | 18.79 | 18.77 |
| | 25 | 0 | 18.88 | 18.68 | 18.63 |
| | 25 | 12 | 18.73 | 18.68 | 18.62 |
| | 25 | 25 | 18.72 | 18.59 | 18.54 |
| | 50 | 0 | 18.76 | 18.67 | 18.59 |

Appendix E.2.3 LTE Band 13 Ant 1,3

| LTE Band13 5MHz Bandwidth | | | | | |
|----------------------------------|----------------|------------------|-------------------------------|--------------------|---------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 23205 | 23230 | 23255 |
| | | | (779.5 MHz) | (782.0 MHz) | (784.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.43 | 23.20 | 23.25 |
| | 1 | 12 | 23.24 | 23.23 | 23.10 |
| | 1 | 24 | 23.43 | 23.27 | 23.09 |
| | 12 | 0 | 22.26 | 22.32 | 22.22 |
| | 12 | 6 | 22.36 | 22.28 | 22.19 |
| | 12 | 13 | 22.36 | 22.30 | 22.22 |
| | 25 | 0 | 22.35 | 22.34 | 22.14 |
| 16QAM | 1 | 0 | 22.65 | 22.66 | 22.46 |
| | 1 | 12 | 22.71 | 22.76 | 22.45 |
| | 1 | 24 | 22.40 | 22.67 | 22.37 |
| | 12 | 0 | 21.33 | 21.36 | 21.50 |
| | 12 | 6 | 21.41 | 21.32 | 21.49 |
| | 12 | 13 | 21.39 | 21.34 | 21.48 |
| | 25 | 0 | 21.44 | 21.29 | 21.46 |
| 64QAM | 1 | 0 | 21.59 | 21.64 | 21.46 |
| | 1 | 12 | 21.35 | 21.68 | 21.28 |
| | 1 | 24 | 21.23 | 21.31 | 21.11 |
| | 12 | 0 | 20.35 | 20.39 | 20.12 |
| | 12 | 6 | 20.43 | 20.31 | 20.14 |
| | 12 | 13 | 20.39 | 20.28 | 20.14 |
| | 25 | 0 | 20.33 | 20.27 | 20.46 |
| 256QAM | 1 | 0 | 18.13 | 18.20 | 18.60 |
| | 1 | 12 | 18.43 | 18.20 | 18.61 |
| | 1 | 24 | 18.30 | 18.09 | 18.66 |
| | 12 | 0 | 18.17 | 18.20 | 18.64 |
| | 12 | 6 | 18.23 | 18.06 | 18.60 |
| | 12 | 13 | 18.09 | 18.10 | 18.70 |
| | 25 | 0 | 18.13 | 18.19 | 18.64 |

| LTE Band13 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | | 23230 | |
| | | | | (782.0 MHz) | |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | | 23.16 | |
| | 1 | 25 | | 23.41 | |
| | 1 | 49 | | 23.52 | |
| | 25 | 0 | | 22.35 | |
| | 25 | 12 | | 22.39 | |
| | 25 | 25 | | 22.44 | |
| | 50 | 0 | | 22.36 | |
| 16QAM | 1 | 0 | | 22.34 | |
| | 1 | 25 | | 22.69 | |
| | 1 | 49 | | 22.59 | |
| | 25 | 0 | | 21.40 | |
| | 25 | 12 | | 21.36 | |
| | 25 | 25 | | 21.42 | |
| | 50 | 0 | | 21.33 | |
| 64QAM | 1 | 0 | | 21.59 | |
| | 1 | 25 | | 21.57 | |
| | 1 | 49 | | 21.64 | |
| | 25 | 0 | | 20.33 | |
| | 25 | 12 | | 20.32 | |
| | 25 | 25 | | 20.34 | |
| | 50 | 0 | | 20.43 | |
| 256QAM | 1 | 0 | | 18.28 | |
| | 1 | 25 | | 18.26 | |
| | 1 | 49 | | 18.29 | |
| | 25 | 0 | | 18.26 | |
| | 25 | 12 | | 18.21 | |
| | 25 | 25 | | 18.23 | |
| | 50 | 0 | | 18.20 | |

Appendix E.2.4 LTE Band 25 Ant 1,3

| LTE Band25 1.4MHz Bandwidth | | | | | |
|------------------------------------|----------------|------------------|-------------------------------|----------------------|----------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26047 | 26365 | 26683 |
| | | | (1 850.7 MHz) | (1 882.5 MHz) | (1 914.3 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.06 | 22.92 | 23.29 |
| | 1 | 2 | 22.97 | 23.08 | 23.13 |
| | 1 | 5 | 23.00 | 22.94 | 23.24 |
| | 3 | 0 | 22.96 | 23.07 | 23.18 |
| | 3 | 2 | 23.01 | 23.02 | 23.26 |
| | 3 | 3 | 23.00 | 22.98 | 23.19 |
| | 6 | 0 | 22.01 | 23.09 | 23.24 |
| 16QAM | 1 | 0 | 22.25 | 22.54 | 22.57 |
| | 1 | 2 | 22.40 | 22.26 | 22.43 |
| | 1 | 5 | 22.34 | 22.24 | 22.47 |
| | 3 | 0 | 22.24 | 22.23 | 22.79 |
| | 3 | 2 | 22.15 | 22.34 | 22.68 |
| | 3 | 3 | 22.11 | 22.24 | 22.83 |
| | 6 | 0 | 21.08 | 22.50 | 22.66 |
| 64QAM | 1 | 0 | 21.22 | 21.37 | 21.57 |
| | 1 | 2 | 21.33 | 21.12 | 21.60 |
| | 1 | 5 | 21.05 | 21.27 | 21.55 |
| | 3 | 0 | 21.16 | 21.09 | 21.16 |
| | 3 | 2 | 21.01 | 21.20 | 21.67 |
| | 3 | 3 | 21.12 | 21.27 | 21.57 |
| | 6 | 0 | 20.10 | 21.26 | 21.46 |
| 256QAM | 1 | 0 | 17.88 | 18.09 | 18.28 |
| | 1 | 2 | 17.83 | 18.10 | 18.28 |
| | 1 | 5 | 17.93 | 18.03 | 18.32 |
| | 3 | 0 | 17.92 | 18.04 | 18.16 |
| | 3 | 2 | 17.79 | 17.90 | 18.16 |
| | 3 | 3 | 17.79 | 17.93 | 18.18 |
| | 6 | 0 | 17.73 | 17.91 | 18.34 |

| LTE Band25 3MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26055 | 26365 | 26675 |
| | | | (1 851.5 MHz) | (1 882.5 MHz) | (1 913.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.99 | 23.03 | 23.22 |
| | 1 | 7 | 23.25 | 22.92 | 23.48 |
| | 1 | 14 | 23.17 | 23.02 | 23.29 |
| | 8 | 0 | 23.10 | 22.08 | 22.21 |
| | 8 | 4 | 23.17 | 22.04 | 22.23 |
| | 8 | 7 | 23.24 | 22.01 | 22.30 |
| | 15 | 0 | 22.12 | 22.06 | 22.26 |
| 16QAM | 1 | 0 | 22.51 | 22.39 | 22.54 |
| | 1 | 7 | 22.63 | 22.41 | 22.72 |
| | 1 | 14 | 22.29 | 22.27 | 22.83 |
| | 8 | 0 | 22.24 | 21.15 | 21.32 |
| | 8 | 4 | 22.41 | 21.19 | 21.35 |
| | 8 | 7 | 22.30 | 21.20 | 21.28 |
| | 15 | 0 | 21.31 | 21.03 | 21.30 |
| 64QAM | 1 | 0 | 21.37 | 21.07 | 21.58 |
| | 1 | 7 | 21.32 | 21.31 | 21.70 |
| | 1 | 14 | 21.54 | 21.00 | 21.35 |
| | 8 | 0 | 21.23 | 20.08 | 20.27 |
| | 8 | 4 | 21.27 | 20.14 | 20.30 |
| | 8 | 7 | 21.27 | 20.09 | 20.35 |
| | 15 | 0 | 20.22 | 20.09 | 20.28 |
| 256QAM | 1 | 0 | 18.06 | 18.05 | 18.21 |
| | 1 | 7 | 18.02 | 18.07 | 18.35 |
| | 1 | 14 | 17.77 | 18.20 | 18.36 |
| | 8 | 0 | 17.92 | 17.91 | 18.01 |
| | 8 | 4 | 18.06 | 17.94 | 18.09 |
| | 8 | 7 | 17.87 | 17.87 | 18.19 |
| | 15 | 0 | 17.93 | 17.92 | 18.09 |

| LTE Band25 5MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26065 | 26365 | 26665 |
| | | | (1 852.5 MHz) | (1 882.5 MHz) | (1 912.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.11 | 23.13 | 23.04 |
| | 1 | 12 | 23.22 | 23.06 | 23.33 |
| | 1 | 24 | 23.35 | 23.13 | 23.33 |
| | 12 | 0 | 23.10 | 23.11 | 22.21 |
| | 12 | 6 | 23.18 | 23.16 | 22.32 |
| | 12 | 13 | 23.15 | 23.03 | 22.29 |
| | 25 | 0 | 23.17 | 22.00 | 22.24 |
| 16QAM | 1 | 0 | 22.57 | 22.28 | 22.68 |
| | 1 | 12 | 22.60 | 22.64 | 22.75 |
| | 1 | 24 | 22.65 | 22.46 | 22.75 |
| | 12 | 0 | 22.31 | 22.19 | 21.25 |
| | 12 | 6 | 22.23 | 22.18 | 21.30 |
| | 12 | 13 | 22.22 | 22.11 | 21.34 |
| | 25 | 0 | 22.32 | 21.08 | 21.32 |
| 64QAM | 1 | 0 | 21.42 | 21.23 | 21.47 |
| | 1 | 12 | 21.38 | 21.40 | 21.32 |
| | 1 | 24 | 21.66 | 21.36 | 21.66 |
| | 12 | 0 | 21.13 | 21.18 | 20.33 |
| | 12 | 6 | 21.21 | 21.16 | 20.32 |
| | 12 | 13 | 21.42 | 21.18 | 20.22 |
| | 25 | 0 | 21.21 | 20.06 | 20.40 |
| 256QAM | 1 | 0 | 17.94 | 17.78 | 17.99 |
| | 1 | 12 | 17.94 | 18.10 | 18.23 |
| | 1 | 24 | 18.05 | 18.00 | 17.85 |
| | 12 | 0 | 17.84 | 17.87 | 18.08 |
| | 12 | 6 | 17.81 | 17.92 | 18.11 |
| | 12 | 13 | 17.89 | 17.92 | 18.07 |
| | 25 | 0 | 17.85 | 17.82 | 18.11 |

| LTE Band25 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26090 | 26365 | 26640 |
| | | | (1 855.0 MHz) | (1 882.5 MHz) | (1 910.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.29 | 23.14 | 23.22 |
| | 1 | 25 | 23.20 | 23.11 | 23.30 |
| | 1 | 49 | 23.18 | 23.35 | 23.32 |
| | 25 | 0 | 23.30 | 23.13 | 23.21 |
| | 25 | 12 | 23.20 | 23.20 | 23.25 |
| | 25 | 25 | 23.23 | 23.15 | 23.35 |
| | 50 | 0 | 23.26 | 22.07 | 22.28 |
| 16QAM | 1 | 0 | 22.73 | 22.53 | 22.60 |
| | 1 | 25 | 22.76 | 22.58 | 22.78 |
| | 1 | 49 | 22.73 | 22.52 | 22.70 |
| | 25 | 0 | 22.41 | 22.25 | 22.30 |
| | 25 | 12 | 22.28 | 22.22 | 22.36 |
| | 25 | 25 | 22.53 | 22.18 | 22.33 |
| | 50 | 0 | 22.38 | 21.14 | 21.30 |
| 64QAM | 1 | 0 | 21.33 | 21.59 | 21.44 |
| | 1 | 25 | 21.52 | 21.20 | 21.36 |
| | 1 | 49 | 21.64 | 21.50 | 21.30 |
| | 25 | 0 | 21.46 | 21.14 | 21.36 |
| | 25 | 12 | 21.31 | 21.26 | 21.38 |
| | 25 | 25 | 21.40 | 21.26 | 21.35 |
| | 50 | 0 | 21.46 | 20.14 | 20.29 |
| 256QAM | 1 | 0 | 17.96 | 17.89 | 18.13 |
| | 1 | 25 | 17.90 | 18.02 | 18.16 |
| | 1 | 49 | 18.07 | 18.04 | 18.12 |
| | 25 | 0 | 18.04 | 17.89 | 18.04 |
| | 25 | 12 | 17.82 | 17.91 | 18.04 |
| | 25 | 25 | 17.93 | 17.90 | 18.08 |
| | 50 | 0 | 17.83 | 17.83 | 18.09 |

| LTE Band25 15MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26115 | 26365 | 26615 |
| | | | (1 857.5 MHz) | (1 882.5 MHz) | (1 907.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.38 | 23.01 | 23.16 |
| | 1 | 36 | 23.20 | 23.08 | 23.25 |
| | 1 | 74 | 23.16 | 23.08 | 23.42 |
| | 36 | 0 | 23.26 | 23.08 | 23.26 |
| | 36 | 18 | 23.33 | 23.07 | 23.16 |
| | 36 | 37 | 23.24 | 23.15 | 23.27 |
| | 75 | 0 | 23.22 | 23.09 | 22.18 |
| 16QAM | 1 | 0 | 22.43 | 22.35 | 22.25 |
| | 1 | 36 | 22.66 | 22.20 | 22.49 |
| | 1 | 74 | 22.29 | 22.33 | 22.36 |
| | 36 | 0 | 22.56 | 22.20 | 22.33 |
| | 36 | 18 | 22.33 | 22.17 | 22.39 |
| | 36 | 37 | 22.45 | 22.23 | 22.26 |
| | 75 | 0 | 22.34 | 22.08 | 21.17 |
| 64QAM | 1 | 0 | 21.49 | 21.25 | 21.43 |
| | 1 | 36 | 21.45 | 21.30 | 21.55 |
| | 1 | 74 | 21.39 | 21.32 | 21.48 |
| | 36 | 0 | 21.58 | 21.24 | 21.24 |
| | 36 | 18 | 21.31 | 21.30 | 21.27 |
| | 36 | 37 | 21.56 | 21.33 | 21.27 |
| | 75 | 0 | 21.28 | 21.17 | 20.20 |
| 256QAM | 1 | 0 | 18.04 | 17.82 | 18.11 |
| | 1 | 36 | 17.93 | 17.97 | 18.09 |
| | 1 | 74 | 18.00 | 17.99 | 18.21 |
| | 36 | 0 | 17.93 | 17.91 | 18.00 |
| | 36 | 18 | 17.89 | 17.88 | 18.08 |
| | 36 | 37 | 18.00 | 17.87 | 18.00 |
| | 75 | 0 | 17.78 | 17.88 | 17.96 |

| LTE Band25 20MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26140 | 26365 | 26590 |
| | | | (1 860.0 MHz) | (1 882.5 MHz) | (1 905.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.25 | 23.49 | 23.28 |
| | 1 | 50 | 23.12 | 23.11 | 23.16 |
| | 1 | 99 | 23.15 | 23.02 | 23.17 |
| | 50 | 0 | 23.11 | 23.22 | 23.15 |
| | 50 | 25 | 23.33 | 23.36 | 23.22 |
| | 50 | 13 | 23.26 | 23.10 | 23.18 |
| | 100 | 0 | 23.21 | 23.11 | 22.19 |
| 16QAM | 1 | 0 | 22.55 | 22.45 | 22.38 |
| | 1 | 50 | 22.39 | 22.31 | 22.45 |
| | 1 | 99 | 22.46 | 22.42 | 22.74 |
| | 50 | 0 | 22.32 | 22.28 | 22.19 |
| | 50 | 25 | 22.35 | 22.24 | 22.28 |
| | 50 | 50 | 22.31 | 22.33 | 22.26 |
| | 100 | 0 | 22.36 | 22.22 | 21.20 |
| 64QAM | 1 | 0 | 21.54 | 21.38 | 21.05 |
| | 1 | 50 | 21.66 | 21.25 | 21.28 |
| | 1 | 99 | 21.49 | 21.31 | 21.49 |
| | 50 | 0 | 21.38 | 21.25 | 21.33 |
| | 50 | 25 | 21.47 | 21.18 | 21.25 |
| | 50 | 50 | 21.42 | 21.20 | 21.28 |
| | 100 | 0 | 21.34 | 21.17 | 20.15 |
| 256QAM | 1 | 0 | 18.02 | 18.14 | 18.12 |
| | 1 | 50 | 18.15 | 18.06 | 18.24 |
| | 1 | 99 | 18.13 | 17.89 | 18.15 |
| | 50 | 0 | 17.99 | 17.89 | 18.05 |
| | 50 | 25 | 17.84 | 17.89 | 18.08 |
| | 50 | 50 | 17.79 | 17.85 | 17.99 |
| | 100 | 0 | 17.78 | 17.89 | 17.99 |

Appendix E.2.5 LTE Band 26 Ant 1,3

| LTE Band26 1.4MHz Bandwidth | | | | | |
|------------------------------------|----------------|------------------|-------------------------------|--------------------|---------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26697 | 26865 | 27033 |
| | | | (814.7 MHz) | (831.5 MHz) | (848.3 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.19 | 23.23 | 23.19 |
| | 1 | 2 | 23.22 | 23.19 | 23.23 |
| | 1 | 5 | 23.27 | 23.19 | 23.19 |
| | 3 | 0 | 23.21 | 23.18 | 23.26 |
| | 3 | 2 | 23.22 | 23.21 | 23.25 |
| | 3 | 3 | 23.22 | 23.24 | 23.24 |
| | 6 | 0 | 22.26 | 23.20 | 23.24 |
| 16QAM | 1 | 0 | 22.35 | 22.50 | 22.52 |
| | 1 | 2 | 22.67 | 22.40 | 22.53 |
| | 1 | 5 | 22.49 | 22.52 | 22.53 |
| | 3 | 0 | 22.36 | 22.43 | 22.58 |
| | 3 | 2 | 22.36 | 22.52 | 22.56 |
| | 3 | 3 | 22.31 | 22.53 | 22.45 |
| | 6 | 0 | 21.35 | 22.53 | 22.54 |
| 64QAM | 1 | 0 | 21.37 | 21.29 | 21.48 |
| | 1 | 2 | 21.31 | 21.36 | 21.40 |
| | 1 | 5 | 21.54 | 21.46 | 21.39 |
| | 3 | 0 | 21.43 | 21.58 | 21.29 |
| | 3 | 2 | 21.37 | 21.37 | 21.37 |
| | 3 | 3 | 21.36 | 21.29 | 21.51 |
| | 6 | 0 | 20.30 | 21.38 | 21.38 |
| 256QAM | 1 | 0 | 18.62 | 18.67 | 18.56 |
| | 1 | 2 | 18.62 | 18.68 | 18.42 |
| | 1 | 5 | 18.64 | 18.57 | 18.49 |
| | 3 | 0 | 18.97 | 18.64 | 18.37 |
| | 3 | 2 | 18.96 | 18.63 | 18.45 |
| | 3 | 3 | 18.66 | 18.64 | 18.62 |
| | 6 | 0 | 18.67 | 18.58 | 18.54 |

| LTE Band26 3MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26705 | 26865 | 27025 |
| | | | (815.5 MHz) | (831.5 MHz) | (847.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.23 | 23.09 | 23.16 |
| | 1 | 7 | 23.25 | 23.33 | 23.25 |
| | 1 | 14 | 23.31 | 23.12 | 23.22 |
| | 8 | 0 | 23.24 | 22.17 | 22.10 |
| | 8 | 4 | 23.20 | 22.15 | 22.11 |
| | 8 | 7 | 23.25 | 22.20 | 22.11 |
| | 15 | 0 | 22.20 | 22.16 | 22.13 |
| 16QAM | 1 | 0 | 22.52 | 22.55 | 22.41 |
| | 1 | 7 | 22.70 | 22.45 | 22.54 |
| | 1 | 14 | 22.55 | 22.48 | 22.61 |
| | 8 | 0 | 22.34 | 21.23 | 21.12 |
| | 8 | 4 | 22.36 | 21.27 | 21.17 |
| | 8 | 7 | 22.36 | 21.31 | 21.14 |
| | 15 | 0 | 21.30 | 21.20 | 21.19 |
| 64QAM | 1 | 0 | 21.27 | 21.21 | 21.38 |
| | 1 | 7 | 21.44 | 21.38 | 21.32 |
| | 1 | 14 | 21.48 | 21.29 | 21.41 |
| | 8 | 0 | 21.30 | 20.20 | 20.12 |
| | 8 | 4 | 21.39 | 20.19 | 20.06 |
| | 8 | 7 | 21.40 | 20.31 | 20.12 |
| | 15 | 0 | 20.28 | 20.20 | 20.17 |
| 256QAM | 1 | 0 | 18.70 | 19.05 | 18.97 |
| | 1 | 7 | 18.58 | 18.69 | 18.94 |
| | 1 | 14 | 18.81 | 18.80 | 19.30 |
| | 8 | 0 | 18.94 | 18.97 | 18.96 |
| | 8 | 4 | 19.01 | 18.98 | 18.96 |
| | 8 | 7 | 18.95 | 18.93 | 18.91 |
| | 15 | 0 | 18.92 | 18.99 | 18.92 |

| LTE Band26 5MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26715 | 26865 | 27015 |
| | | | (816.5 MHz) | (831.5 MHz) | (846.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.18 | 23.27 | 23.12 |
| | 1 | 12 | 23.28 | 23.23 | 23.13 |
| | 1 | 24 | 23.23 | 23.29 | 23.13 |
| | 12 | 0 | 23.16 | 23.27 | 22.13 |
| | 12 | 6 | 23.22 | 23.24 | 22.16 |
| | 12 | 13 | 23.19 | 23.20 | 22.18 |
| | 25 | 0 | 23.22 | 22.20 | 22.10 |
| 16QAM | 1 | 0 | 22.58 | 22.63 | 22.59 |
| | 1 | 12 | 22.66 | 22.59 | 22.71 |
| | 1 | 24 | 22.60 | 22.62 | 22.56 |
| | 12 | 0 | 22.31 | 22.35 | 21.20 |
| | 12 | 6 | 22.33 | 22.30 | 21.18 |
| | 12 | 13 | 22.34 | 22.27 | 21.24 |
| | 25 | 0 | 22.26 | 21.25 | 21.15 |
| 64QAM | 1 | 0 | 21.42 | 21.38 | 21.46 |
| | 1 | 12 | 21.32 | 21.46 | 21.33 |
| | 1 | 24 | 21.49 | 21.41 | 21.18 |
| | 12 | 0 | 21.27 | 21.27 | 20.17 |
| | 12 | 6 | 21.30 | 21.29 | 20.26 |
| | 12 | 13 | 21.36 | 21.28 | 20.21 |
| | 25 | 0 | 21.31 | 20.24 | 20.15 |
| 256QAM | 1 | 0 | 18.83 | 18.84 | 18.75 |
| | 1 | 12 | 18.83 | 18.84 | 19.01 |
| | 1 | 24 | 19.06 | 19.00 | 18.88 |
| | 12 | 0 | 18.79 | 18.89 | 18.90 |
| | 12 | 6 | 18.78 | 18.89 | 18.94 |
| | 12 | 13 | 18.95 | 18.90 | 18.91 |
| | 25 | 0 | 18.78 | 18.78 | 18.91 |

| LTE Band26 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26740 | 26865 | 26990 |
| | | | (819.0 MHz) | (831.5 MHz) | (844.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.28 | 23.18 | 23.26 |
| | 1 | 25 | 23.28 | 23.20 | 23.23 |
| | 1 | 49 | 23.23 | 23.24 | 23.22 |
| | 25 | 0 | 23.27 | 23.24 | 23.23 |
| | 25 | 12 | 23.20 | 23.23 | 23.26 |
| | 25 | 25 | 23.18 | 23.30 | 23.27 |
| | 50 | 0 | 23.28 | 22.26 | 22.24 |
| 16QAM | 1 | 0 | 22.41 | 22.48 | 22.47 |
| | 1 | 25 | 22.40 | 22.50 | 22.43 |
| | 1 | 49 | 22.59 | 22.59 | 22.54 |
| | 25 | 0 | 22.38 | 22.39 | 22.32 |
| | 25 | 12 | 22.48 | 22.36 | 22.34 |
| | 25 | 25 | 22.43 | 22.35 | 22.28 |
| | 50 | 0 | 22.39 | 21.32 | 21.26 |
| 64QAM | 1 | 0 | 21.37 | 21.49 | 21.43 |
| | 1 | 25 | 21.50 | 21.56 | 21.52 |
| | 1 | 49 | 21.42 | 21.52 | 21.25 |
| | 25 | 0 | 21.40 | 21.29 | 21.34 |
| | 25 | 12 | 21.33 | 21.35 | 21.25 |
| | 25 | 25 | 21.47 | 21.30 | 21.26 |
| | 50 | 0 | 21.31 | 20.30 | 20.22 |
| 256QAM | 1 | 0 | 18.80 | 18.91 | 18.96 |
| | 1 | 25 | 18.96 | 19.06 | 18.80 |
| | 1 | 49 | 18.88 | 18.89 | 18.77 |
| | 25 | 0 | 18.97 | 18.88 | 18.76 |
| | 25 | 12 | 18.71 | 18.85 | 18.85 |
| | 25 | 25 | 18.85 | 18.91 | 18.79 |
| | 50 | 0 | 18.98 | 18.91 | 17.87 |

| LTE Band26 15MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 26765 | 26865 | 26965 |
| | | | (821.5 MHz) | (831.5 MHz) | (841.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.01 | 23.18 | 23.10 |
| | 1 | 36 | 22.97 | 23.20 | 23.17 |
| | 1 | 74 | 23.06 | 23.34 | 23.14 |
| | 36 | 0 | 23.28 | 23.24 | 23.25 |
| | 36 | 18 | 23.19 | 23.23 | 23.25 |
| | 36 | 37 | 23.24 | 23.31 | 23.23 |
| | 75 | 0 | 22.12 | 22.26 | 22.23 |
| 16QAM | 1 | 0 | 22.42 | 22.48 | 22.39 |
| | 1 | 36 | 22.41 | 22.50 | 22.38 |
| | 1 | 74 | 22.49 | 22.59 | 22.54 |
| | 36 | 0 | 22.25 | 22.39 | 22.27 |
| | 36 | 18 | 21.12 | 22.36 | 22.28 |
| | 36 | 37 | 21.14 | 22.35 | 22.25 |
| | 75 | 0 | 21.18 | 21.32 | 21.26 |
| 64QAM | 1 | 0 | 21.22 | 21.49 | 21.49 |
| | 1 | 36 | 21.24 | 21.56 | 21.35 |
| | 1 | 74 | 21.26 | 21.52 | 21.40 |
| | 36 | 0 | 21.17 | 21.29 | 21.30 |
| | 36 | 18 | 21.21 | 21.35 | 21.29 |
| | 36 | 37 | 21.16 | 21.30 | 21.31 |
| | 75 | 0 | 20.56 | 20.30 | 20.23 |
| 256QAM | 1 | 0 | 18.97 | 18.73 | 18.79 |
| | 1 | 36 | 18.91 | 18.89 | 18.87 |
| | 1 | 74 | 18.90 | 18.77 | 18.78 |
| | 36 | 0 | 18.93 | 18.75 | 18.77 |
| | 36 | 18 | 18.92 | 18.91 | 18.83 |
| | 36 | 37 | 18.92 | 18.87 | 18.83 |
| | 75 | 0 | 18.90 | 17.90 | 17.77 |

Appendix E.2.6 LTE Band 38 Ant 1,3

| LTE Band38 5MHz Bandwidth | | | | | |
|----------------------------------|----------------|------------------|-------------------------------|----------------------|----------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 37775 | 38000 | 38225 |
| | | | (2 572.5 MHz) | (2 595.0 MHz) | (2 617.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.51 | 22.16 | 22.25 |
| | 1 | 12 | 22.48 | 22.06 | 22.25 |
| | 1 | 24 | 22.49 | 22.16 | 22.12 |
| | 12 | 0 | 21.53 | 21.32 | 21.29 |
| | 12 | 6 | 21.52 | 21.17 | 21.23 |
| | 12 | 13 | 21.39 | 21.17 | 21.12 |
| | 25 | 0 | 21.47 | 21.29 | 21.25 |
| 16QAM | 1 | 0 | 21.60 | 21.37 | 21.41 |
| | 1 | 12 | 21.46 | 21.27 | 21.33 |
| | 1 | 24 | 21.47 | 21.21 | 21.29 |
| | 12 | 0 | 20.77 | 20.53 | 20.50 |
| | 12 | 6 | 20.69 | 20.50 | 20.49 |
| | 12 | 13 | 20.60 | 20.36 | 20.45 |
| | 25 | 0 | 20.66 | 20.56 | 20.50 |
| 64QAM | 1 | 0 | 20.65 | 20.37 | 20.43 |
| | 1 | 12 | 20.47 | 20.35 | 20.42 |
| | 1 | 24 | 20.59 | 20.36 | 20.34 |
| | 12 | 0 | 19.81 | 19.42 | 19.51 |
| | 12 | 6 | 19.80 | 19.34 | 19.30 |
| | 12 | 13 | 19.74 | 19.33 | 19.44 |
| | 25 | 0 | 19.75 | 19.35 | 19.47 |
| 256QAM | 1 | 0 | 17.36 | 17.22 | 17.26 |
| | 1 | 12 | 17.45 | 17.34 | 17.22 |
| | 1 | 24 | 17.61 | 17.64 | 17.69 |
| | 12 | 0 | 17.42 | 17.26 | 17.45 |
| | 12 | 6 | 17.49 | 17.38 | 17.47 |
| | 12 | 13 | 17.16 | 17.26 | 17.17 |
| | 25 | 0 | 17.18 | 17.17 | 17.09 |

| LTE Band38 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 37800 | 38000 | 38200 |
| | | | (2 575.0 MHz) | (2 595.0 MHz) | (2 615.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.56 | 22.37 | 22.36 |
| | 1 | 25 | 22.34 | 22.31 | 22.15 |
| | 1 | 49 | 22.46 | 22.44 | 22.11 |
| | 25 | 0 | 21.61 | 21.48 | 21.43 |
| | 25 | 12 | 21.45 | 21.53 | 21.23 |
| | 25 | 25 | 21.59 | 21.49 | 21.19 |
| | 50 | 0 | 21.52 | 21.47 | 21.46 |
| 16QAM | 1 | 0 | 21.67 | 21.65 | 21.51 |
| | 1 | 25 | 21.68 | 21.48 | 21.37 |
| | 1 | 49 | 20.64 | 21.43 | 21.32 |
| | 25 | 0 | 20.95 | 20.68 | 20.66 |
| | 25 | 12 | 20.75 | 20.68 | 20.59 |
| | 25 | 25 | 20.88 | 20.60 | 20.60 |
| | 50 | 0 | 20.70 | 20.58 | 20.63 |
| 64QAM | 1 | 0 | 20.87 | 20.65 | 20.72 |
| | 1 | 25 | 20.54 | 20.56 | 20.46 |
| | 1 | 49 | 20.65 | 20.67 | 20.58 |
| | 25 | 0 | 19.94 | 19.64 | 19.57 |
| | 25 | 12 | 19.75 | 19.61 | 19.47 |
| | 25 | 25 | 19.79 | 19.71 | 19.44 |
| | 50 | 0 | 19.77 | 19.66 | 19.66 |
| 256QAM | 1 | 0 | 17.39 | 17.34 | 17.27 |
| | 1 | 25 | 16.99 | 17.17 | 17.17 |
| | 1 | 49 | 17.53 | 17.41 | 17.37 |
| | 25 | 0 | 17.44 | 17.39 | 17.35 |
| | 25 | 12 | 17.51 | 17.42 | 17.42 |
| | 25 | 25 | 17.32 | 17.22 | 17.25 |
| | 50 | 0 | 17.36 | 17.31 | 17.36 |

| LTE Band38 15MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 37825 | 38000 | 38175 |
| | | | (2 577.5 MHz) | (2 595.0 MHz) | (2 612.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.69 | 22.37 | 22.36 |
| | 1 | 36 | 22.45 | 22.53 | 22.36 |
| | 1 | 74 | 22.41 | 22.51 | 22.52 |
| | 36 | 0 | 21.74 | 21.51 | 21.41 |
| | 36 | 18 | 21.48 | 21.60 | 21.47 |
| | 36 | 37 | 21.43 | 21.50 | 21.51 |
| | 75 | 0 | 21.63 | 21.41 | 21.33 |
| 16QAM | 1 | 0 | 21.95 | 21.63 | 21.59 |
| | 1 | 36 | 21.66 | 21.59 | 21.49 |
| | 1 | 74 | 21.53 | 21.53 | 21.62 |
| | 36 | 0 | 20.91 | 20.65 | 20.62 |
| | 36 | 18 | 20.79 | 20.77 | 20.38 |
| | 36 | 37 | 20.76 | 20.86 | 20.89 |
| | 75 | 0 | 20.79 | 20.60 | 20.51 |
| 64QAM | 1 | 0 | 20.97 | 20.66 | 20.52 |
| | 1 | 36 | 20.73 | 20.71 | 20.81 |
| | 1 | 74 | 20.85 | 20.73 | 20.76 |
| | 36 | 0 | 19.93 | 19.71 | 19.65 |
| | 36 | 18 | 19.92 | 19.79 | 19.87 |
| | 36 | 37 | 19.88 | 19.75 | 19.91 |
| | 75 | 0 | 19.79 | 19.59 | 19.57 |
| 256QAM | 1 | 0 | 17.45 | 17.42 | 17.43 |
| | 1 | 36 | 17.39 | 17.20 | 17.20 |
| | 1 | 74 | 17.50 | 17.34 | 17.16 |
| | 36 | 0 | 17.54 | 17.51 | 17.59 |
| | 36 | 18 | 17.27 | 17.18 | 17.35 |
| | 36 | 37 | 17.44 | 17.34 | 17.16 |
| | 75 | 0 | 17.16 | 17.29 | 17.28 |

| LTE Band38 20MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 37850 | 38000 | 38150 |
| | | | (2 580.0 MHz) | (2 595.0 MHz) | (2 610.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.68 | 22.79 | 22.54 |
| | 1 | 50 | 22.52 | 22.42 | 21.31 |
| | 1 | 99 | 22.49 | 22.41 | 22.36 |
| | 50 | 0 | 21.69 | 21.85 | 21.51 |
| | 50 | 25 | 21.58 | 21.52 | 21.59 |
| | 50 | 13 | 21.61 | 21.59 | 21.58 |
| | 100 | 0 | 21.61 | 21.51 | 21.52 |
| 16QAM | 1 | 0 | 21.94 | 21.84 | 21.52 |
| | 1 | 50 | 21.95 | 21.59 | 21.47 |
| | 1 | 99 | 21.88 | 21.57 | 21.48 |
| | 50 | 0 | 21.00 | 20.77 | 20.71 |
| | 50 | 25 | 20.91 | 20.75 | 20.63 |
| | 50 | 50 | 20.76 | 20.84 | 20.57 |
| | 100 | 0 | 20.82 | 20.58 | 20.67 |
| 64QAM | 1 | 0 | 20.82 | 20.81 | 20.60 |
| | 1 | 50 | 20.83 | 20.78 | 20.51 |
| | 1 | 99 | 20.78 | 20.85 | 20.57 |
| | 50 | 0 | 20.04 | 19.77 | 19.70 |
| | 50 | 25 | 19.99 | 19.85 | 19.51 |
| | 50 | 50 | 20.01 | 19.92 | 19.63 |
| | 100 | 0 | 19.84 | 19.68 | 19.69 |
| 256QAM | 1 | 0 | 17.33 | 17.50 | 17.61 |
| | 1 | 50 | 17.16 | 17.34 | 17.36 |
| | 1 | 99 | 17.57 | 17.39 | 17.40 |
| | 50 | 0 | 17.46 | 17.60 | 17.50 |
| | 50 | 25 | 17.72 | 17.62 | 17.69 |
| | 50 | 50 | 17.50 | 17.51 | 17.39 |
| | 100 | 0 | 17.20 | 17.39 | 17.39 |

Appendix E.2.7 LTE Band 48 Ant 2

| LTE Band48 5MHz Bandwidth | | | | | | |
|----------------------------------|----------------|------------------|-------------------------------|------------------------|-------------------------|----------------------|
| Modulation | RB Size | RB Offset | Low Channel | Low Mid Channel | High Mid Channel | High Channel |
| | | | 55265 | 55748 | 56232 | 56715 |
| | | | (3 552.5 MHz) | (3 600.8 MHz) | (3 649.2 MHz) | (3 697.5 MHz) |
| | | | Conducted Output Power | | | |
| | | | (dB m) | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.58 | 22.52 | 22.34 | 22.50 |
| | 1 | 12 | 22.28 | 22.20 | 22.31 | 22.20 |
| | 1 | 24 | 22.25 | 22.17 | 22.35 | 22.27 |
| | 12 | 0 | 21.38 | 21.44 | 21.38 | 21.30 |
| | 12 | 6 | 21.39 | 21.29 | 21.41 | 21.42 |
| | 12 | 13 | 21.29 | 21.36 | 21.37 | 21.28 |
| | 25 | 0 | 21.19 | 21.24 | 21.29 | 21.30 |
| 16QAM | 1 | 0 | 21.51 | 21.49 | 21.53 | 21.50 |
| | 1 | 12 | 21.76 | 21.62 | 21.54 | 21.58 |
| | 1 | 24 | 21.18 | 21.15 | 21.28 | 21.10 |
| | 12 | 0 | 20.29 | 20.26 | 20.41 | 20.44 |
| | 12 | 6 | 20.41 | 20.36 | 20.34 | 20.28 |
| | 12 | 13 | 20.18 | 20.18 | 20.36 | 20.36 |
| | 25 | 0 | 20.20 | 20.22 | 20.27 | 20.34 |
| 64QAM | 1 | 0 | 20.30 | 20.26 | 20.43 | 20.22 |
| | 1 | 12 | 20.18 | 20.14 | 20.21 | 20.03 |
| | 1 | 24 | 20.12 | 20.11 | 20.15 | 20.00 |
| | 12 | 0 | 19.18 | 19.19 | 19.46 | 19.17 |
| | 12 | 6 | 19.27 | 19.37 | 19.38 | 19.21 |
| | 12 | 13 | 19.28 | 19.39 | 19.21 | 19.34 |
| | 25 | 0 | 19.38 | 19.37 | 19.27 | 19.36 |
| 256QAM | 1 | 0 | 18.03 | 18.00 | 17.92 | 18.13 |
| | 1 | 12 | 17.82 | 17.75 | 18.01 | 17.84 |
| | 1 | 24 | 17.67 | 17.66 | 17.75 | 17.61 |
| | 12 | 0 | 16.84 | 16.90 | 17.02 | 16.82 |
| | 12 | 6 | 16.93 | 16.84 | 16.98 | 16.79 |
| | 12 | 13 | 16.91 | 16.91 | 16.99 | 16.73 |
| | 25 | 0 | 16.73 | 16.88 | 17.05 | 16.78 |

| LTE Band48 10MHz Bandwidth | | | | | | |
|----------------------------|---------|-----------|------------------------|-----------------|------------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Low Mid Channel | High Mid Channel | High Channel |
| | | | 55290 | 55757 | 56223 | 56690 |
| | | | (3 555.0 MHz) | (3 601.7 MHz) | (3 648.3 MHz) | (3 692.5 MHz) |
| | | | Conducted Output Power | | | |
| | | | (dB m) | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.35 | 22.78 | 22.83 | 22.79 |
| | 1 | 25 | 22.32 | 22.85 | 22.81 | 22.81 |
| | 1 | 49 | 22.35 | 22.81 | 22.75 | 22.82 |
| | 25 | 0 | 21.50 | 21.79 | 22.04 | 21.78 |
| | 25 | 12 | 21.45 | 21.82 | 21.92 | 21.87 |
| | 25 | 25 | 21.45 | 21.73 | 21.87 | 21.28 |
| | 50 | 0 | 21.19 | 21.21 | 21.36 | 21.28 |
| 16QAM | 1 | 0 | 21.46 | 21.48 | 21.31 | 21.47 |
| | 1 | 25 | 21.64 | 21.68 | 21.42 | 21.69 |
| | 1 | 49 | 21.12 | 21.15 | 21.28 | 21.20 |
| | 25 | 0 | 20.42 | 20.39 | 20.65 | 20.34 |
| | 25 | 12 | 20.42 | 20.25 | 20.42 | 20.33 |
| | 25 | 25 | 20.20 | 20.34 | 20.31 | 20.20 |
| | 50 | 0 | 20.37 | 20.26 | 20.37 | 20.22 |
| 64QAM | 1 | 0 | 20.31 | 20.30 | 20.33 | 20.34 |
| | 1 | 25 | 20.06 | 20.04 | 20.26 | 20.16 |
| | 1 | 49 | 20.11 | 19.95 | 20.18 | 20.05 |
| | 25 | 0 | 19.25 | 19.25 | 19.55 | 19.23 |
| | 25 | 12 | 19.33 | 19.30 | 19.42 | 19.18 |
| | 25 | 25 | 19.45 | 19.32 | 19.45 | 19.29 |
| | 50 | 0 | 19.35 | 19.42 | 19.58 | 19.46 |
| 256QAM | 1 | 0 | 18.15 | 18.12 | 17.97 | 18.16 |
| | 1 | 25 | 17.80 | 17.88 | 18.02 | 17.84 |
| | 1 | 49 | 17.76 | 17.65 | 17.94 | 17.70 |
| | 25 | 0 | 16.83 | 17.00 | 17.31 | 17.00 |
| | 25 | 12 | 16.81 | 16.79 | 17.01 | 16.88 |
| | 25 | 25 | 16.88 | 16.85 | 16.95 | 16.89 |
| | 50 | 0 | 16.73 | 16.81 | 16.97 | 16.78 |

| LTE Band48 15MHz Bandwidth | | | | | | |
|----------------------------|---------|-----------|------------------------|-----------------|------------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Low Mid Channel | High Mid Channel | High Channel |
| | | | 55315 | 55765 | 56215 | 56665 |
| | | | (3 557.5 MHz) | (3 602.5 MHz) | (3 647.5 MHz) | (3 692.5 MHz) |
| | | | Conducted Output Power | | | |
| | | | (dB m) | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.30 | 22.56 | 22.74 | 22.71 |
| | 1 | 36 | 22.24 | 22.22 | 22.75 | 22.85 |
| | 1 | 74 | 22.27 | 22.34 | 21.84 | 22.82 |
| | 36 | 0 | 21.39 | 21.31 | 21.88 | 21.73 |
| | 36 | 18 | 21.37 | 21.35 | 21.75 | 21.79 |
| | 36 | 37 | 21.44 | 21.33 | 21.74 | 21.76 |
| | 75 | 0 | 21.27 | 21.18 | 21.81 | 21.24 |
| 16QAM | 1 | 0 | 21.43 | 21.33 | 21.43 | 21.41 |
| | 1 | 36 | 21.67 | 21.70 | 21.71 | 21.70 |
| | 1 | 74 | 21.15 | 21.16 | 21.21 | 21.05 |
| | 36 | 0 | 20.43 | 20.28 | 20.48 | 20.30 |
| | 36 | 18 | 20.33 | 20.26 | 20.41 | 20.35 |
| | 36 | 37 | 20.31 | 20.36 | 20.42 | 20.19 |
| | 75 | 0 | 20.38 | 20.28 | 20.39 | 20.34 |
| 64QAM | 1 | 0 | 20.19 | 20.24 | 20.38 | 20.20 |
| | 1 | 36 | 20.19 | 20.16 | 20.32 | 20.16 |
| | 1 | 74 | 20.05 | 19.97 | 20.11 | 20.11 |
| | 36 | 0 | 19.32 | 19.23 | 19.45 | 19.30 |
| | 36 | 18 | 19.31 | 19.31 | 19.42 | 19.29 |
| | 36 | 37 | 19.44 | 19.29 | 19.39 | 19.42 |
| | 75 | 0 | 19.43 | 19.43 | 19.43 | 19.36 |
| 256QAM | 1 | 0 | 18.12 | 18.05 | 17.96 | 18.01 |
| | 1 | 36 | 17.79 | 17.72 | 18.11 | 17.81 |
| | 1 | 74 | 17.66 | 17.64 | 17.83 | 17.65 |
| | 36 | 0 | 16.90 | 16.81 | 17.01 | 16.81 |
| | 36 | 18 | 16.82 | 16.85 | 16.98 | 16.77 |
| | 36 | 37 | 16.89 | 16.82 | 16.91 | 16.85 |
| | 75 | 0 | 16.85 | 16.83 | 16.99 | 16.76 |

| LTE Band48 20MHz Bandwidth | | | | | | |
|----------------------------|---------|-----------|------------------------|-----------------|------------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Low Mid Channel | High Mid Channel | High Channel |
| | | | 55340 | 55773 | 56207 | 56640 |
| | | | (3 560.0 MHz) | (3 603.3 MHz) | (3 646.7 MHz) | (3 690.0 MHz) |
| | | | Conducted Output Power | | | |
| | | | (dB m) | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.61 | 22.68 | 22.63 | 22.72 |
| | 1 | 50 | 22.56 | 22.71 | 22.87 | 22.86 |
| | 1 | 99 | 22.35 | 22.77 | 22.71 | 22.78 |
| | 50 | 0 | 21.48 | 21.81 | 21.80 | 21.71 |
| | 50 | 25 | 21.53 | 21.72 | 21.89 | 21.88 |
| | 50 | 13 | 21.43 | 21.65 | 21.75 | 21.78 |
| | 100 | 0 | 21.37 | 21.73 | 21.72 | 21.69 |
| 16QAM | 1 | 0 | 21.52 | 21.85 | 21.90 | 21.64 |
| | 1 | 50 | 21.77 | 21.81 | 22.02 | 21.81 |
| | 1 | 99 | 21.24 | 21.76 | 21.77 | 21.77 |
| | 50 | 0 | 20.45 | 20.89 | 20.77 | 20.82 |
| | 50 | 25 | 20.45 | 20.83 | 20.72 | 20.87 |
| | 50 | 50 | 20.37 | 20.79 | 20.65 | 20.75 |
| | 100 | 0 | 20.39 | 20.81 | 20.67 | 20.81 |
| 64QAM | 1 | 0 | 20.34 | 20.77 | 20.59 | 20.48 |
| | 1 | 50 | 20.20 | 20.71 | 20.59 | 20.75 |
| | 1 | 99 | 20.13 | 20.56 | 20.66 | 20.83 |
| | 50 | 0 | 19.36 | 19.86 | 19.77 | 19.76 |
| | 50 | 25 | 19.38 | 19.73 | 19.71 | 19.87 |
| | 50 | 50 | 19.46 | 19.72 | 19.72 | 19.84 |
| | 100 | 0 | 19.51 | 19.76 | 19.71 | 19.75 |
| 256QAM | 1 | 0 | 18.16 | 18.03 | 18.08 | 18.15 |
| | 1 | 50 | 17.90 | 17.83 | 17.77 | 17.90 |
| | 1 | 99 | 17.78 | 17.97 | 17.76 | 17.80 |
| | 50 | 0 | 17.01 | 17.03 | 16.94 | 16.96 |
| | 50 | 25 | 16.96 | 17.11 | 17.01 | 16.85 |
| | 50 | 50 | 16.93 | 17.05 | 16.94 | 16.86 |
| | 100 | 0 | 16.89 | 17.26 | 16.87 | 16.89 |

Appendix E.2.8 LTE Band 66 Ant 1,3

| LTE Band66 1.4MHz Bandwidth | | | | | |
|------------------------------------|----------------|------------------|-------------------------------|----------------------|----------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 131979 | 132322 | 132665 |
| | | | (1 710.7 MHz) | (1 745.0 MHz) | (1 779.3 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.59 | 23.03 | 22.77 |
| | 1 | 2 | 22.71 | 22.68 | 22.65 |
| | 1 | 5 | 22.85 | 22.69 | 22.69 |
| | 3 | 0 | 22.66 | 22.67 | 23.00 |
| | 3 | 2 | 22.67 | 22.67 | 22.76 |
| | 3 | 3 | 22.83 | 23.03 | 22.67 |
| | 6 | 0 | 21.78 | 22.66 | 22.79 |
| 16QAM | 1 | 0 | 21.95 | 22.11 | 21.96 |
| | 1 | 2 | 21.90 | 22.03 | 22.27 |
| | 1 | 5 | 21.95 | 21.86 | 22.04 |
| | 3 | 0 | 21.76 | 22.10 | 22.09 |
| | 3 | 2 | 21.75 | 21.94 | 22.22 |
| | 3 | 3 | 21.81 | 22.08 | 21.93 |
| | 6 | 0 | 20.85 | 21.87 | 21.98 |
| 64QAM | 1 | 0 | 20.88 | 20.79 | 21.15 |
| | 1 | 2 | 20.90 | 21.02 | 20.95 |
| | 1 | 5 | 20.93 | 20.96 | 20.95 |
| | 3 | 0 | 20.80 | 21.09 | 20.76 |
| | 3 | 2 | 20.78 | 20.88 | 20.98 |
| | 3 | 3 | 20.85 | 21.00 | 21.03 |
| | 6 | 0 | 19.82 | 20.92 | 21.05 |
| 256QAM | 1 | 0 | 17.86 | 17.91 | 17.87 |
| | 1 | 2 | 18.03 | 17.80 | 17.88 |
| | 1 | 5 | 17.88 | 17.72 | 17.86 |
| | 3 | 0 | 17.83 | 17.73 | 17.96 |
| | 3 | 2 | 17.82 | 17.89 | 18.01 |
| | 3 | 3 | 17.31 | 17.95 | 17.99 |
| | 6 | 0 | 17.81 | 17.66 | 17.77 |

| LTE Band66 3MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 131987 | 132322 | 132657 |
| | | | (1 711.5 MHz) | (1 745.0 MHz) | (1 778.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.77 | 22.72 | 22.75 |
| | 1 | 7 | 22.78 | 22.74 | 22.93 |
| | 1 | 14 | 22.66 | 22.69 | 22.82 |
| | 8 | 0 | 22.94 | 21.72 | 21.81 |
| | 8 | 4 | 22.80 | 21.73 | 21.78 |
| | 8 | 7 | 22.76 | 21.79 | 21.83 |
| | 15 | 0 | 21.77 | 21.75 | 21.74 |
| 16QAM | 1 | 0 | 22.13 | 21.95 | 22.06 |
| | 1 | 7 | 22.25 | 22.20 | 22.02 |
| | 1 | 14 | 22.13 | 22.09 | 22.15 |
| | 8 | 0 | 22.05 | 20.79 | 20.89 |
| | 8 | 4 | 21.91 | 20.84 | 20.83 |
| | 8 | 7 | 21.81 | 20.89 | 20.89 |
| | 15 | 0 | 20.83 | 20.81 | 20.90 |
| 64QAM | 1 | 0 | 21.05 | 20.99 | 20.97 |
| | 1 | 7 | 21.00 | 20.94 | 20.98 |
| | 1 | 14 | 20.85 | 20.95 | 21.09 |
| | 8 | 0 | 21.00 | 19.80 | 19.84 |
| | 8 | 4 | 20.79 | 19.72 | 19.88 |
| | 8 | 7 | 20.88 | 19.96 | 19.82 |
| | 15 | 0 | 19.80 | 19.80 | 19.80 |
| 256QAM | 1 | 0 | 17.89 | 17.97 | 17.95 |
| | 1 | 7 | 17.91 | 18.06 | 17.88 |
| | 1 | 14 | 17.95 | 17.92 | 18.13 |
| | 8 | 0 | 17.82 | 17.80 | 17.88 |
| | 8 | 4 | 17.94 | 17.83 | 17.80 |
| | 8 | 7 | 17.91 | 17.89 | 17.82 |
| | 15 | 0 | 17.78 | 17.80 | 17.79 |

| LTE Band66 5MHz Bandwidth | | | | | |
|---------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 131997 | 132322 | 132647 |
| | | | (1 712.5 MHz) | (1 745.0 MHz) | (1 777.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.87 | 22.76 | 22.72 |
| | 1 | 12 | 22.63 | 22.88 | 22.73 |
| | 1 | 24 | 22.87 | 22.71 | 22.89 |
| | 12 | 0 | 22.81 | 22.83 | 21.80 |
| | 12 | 6 | 22.89 | 22.87 | 21.86 |
| | 12 | 13 | 22.69 | 22.87 | 21.78 |
| | 25 | 0 | 22.69 | 21.76 | 21.76 |
| 16QAM | 1 | 0 | 21.76 | 21.98 | 21.96 |
| | 1 | 12 | 21.97 | 22.05 | 22.09 |
| | 1 | 24 | 21.98 | 22.08 | 22.27 |
| | 12 | 0 | 21.85 | 21.84 | 20.80 |
| | 12 | 6 | 21.95 | 22.05 | 20.95 |
| | 12 | 13 | 22.00 | 21.90 | 20.88 |
| | 25 | 0 | 21.90 | 20.72 | 20.81 |
| 64QAM | 1 | 0 | 21.14 | 21.14 | 20.93 |
| | 1 | 12 | 21.25 | 21.07 | 20.90 |
| | 1 | 24 | 21.03 | 21.08 | 20.96 |
| | 12 | 0 | 20.73 | 20.91 | 19.75 |
| | 12 | 6 | 20.73 | 20.83 | 19.91 |
| | 12 | 13 | 20.89 | 20.97 | 19.80 |
| | 25 | 0 | 20.93 | 19.85 | 19.77 |
| 256QAM | 1 | 0 | 17.84 | 18.00 | 17.89 |
| | 1 | 12 | 17.92 | 17.81 | 18.08 |
| | 1 | 24 | 17.74 | 17.98 | 17.79 |
| | 12 | 0 | 17.84 | 17.75 | 17.82 |
| | 12 | 6 | 17.93 | 17.89 | 17.86 |
| | 12 | 13 | 17.83 | 17.87 | 17.72 |
| | 25 | 0 | 17.78 | 17.86 | 17.74 |

| LTE Band66 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 132022 | 132322 | 132622 |
| | | | (1 715.0 MHz) | (1 745.0 MHz) | (1 775.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.81 | 22.74 | 22.68 |
| | 1 | 25 | 22.72 | 22.82 | 22.90 |
| | 1 | 49 | 22.71 | 22.78 | 22.80 |
| | 25 | 0 | 22.70 | 22.95 | 22.89 |
| | 25 | 12 | 22.83 | 22.85 | 22.96 |
| | 25 | 25 | 22.82 | 22.80 | 23.00 |
| | 50 | 0 | 22.85 | 21.86 | 22.01 |
| 16QAM | 1 | 0 | 22.13 | 22.25 | 22.11 |
| | 1 | 25 | 22.06 | 22.14 | 22.06 |
| | 1 | 49 | 22.07 | 22.17 | 22.35 |
| | 25 | 0 | 21.87 | 22.00 | 21.90 |
| | 25 | 12 | 22.01 | 21.92 | 22.00 |
| | 25 | 25 | 21.91 | 21.92 | 22.03 |
| | 50 | 0 | 21.88 | 20.87 | 20.94 |
| 64QAM | 1 | 0 | 20.96 | 20.99 | 21.05 |
| | 1 | 25 | 21.32 | 21.04 | 21.17 |
| | 1 | 49 | 21.08 | 21.10 | 21.57 |
| | 25 | 0 | 21.16 | 21.03 | 20.95 |
| | 25 | 12 | 20.98 | 21.07 | 21.02 |
| | 25 | 25 | 20.85 | 21.07 | 20.93 |
| | 50 | 0 | 20.98 | 19.87 | 19.96 |
| 256QAM | 1 | 0 | 17.93 | 18.00 | 18.06 |
| | 1 | 25 | 17.98 | 17.92 | 17.94 |
| | 1 | 49 | 18.00 | 18.04 | 18.03 |
| | 25 | 0 | 17.95 | 17.95 | 17.88 |
| | 25 | 12 | 17.93 | 17.84 | 17.95 |
| | 25 | 25 | 17.93 | 17.91 | 17.97 |
| | 50 | 0 | 17.94 | 17.83 | 17.92 |

| LTE Band66 15MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 132047 | 132322 | 132597 |
| | | | (1 717.5 MHz) | (1 745.0 MHz) | (1 772.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.90 | 22.81 | 22.72 |
| | 1 | 36 | 22.78 | 22.73 | 22.77 |
| | 1 | 74 | 22.69 | 22.85 | 22.89 |
| | 36 | 0 | 22.83 | 22.83 | 22.96 |
| | 36 | 18 | 22.76 | 22.70 | 22.81 |
| | 36 | 37 | 22.75 | 22.74 | 22.91 |
| | 75 | 0 | 22.85 | 22.72 | 21.92 |
| 16QAM | 1 | 0 | 22.01 | 21.93 | 22.23 |
| | 1 | 36 | 21.99 | 22.70 | 22.35 |
| | 1 | 74 | 22.09 | 22.00 | 22.08 |
| | 36 | 0 | 21.93 | 21.94 | 22.01 |
| | 36 | 18 | 22.10 | 21.93 | 21.94 |
| | 36 | 37 | 22.00 | 22.07 | 22.00 |
| | 75 | 0 | 21.89 | 21.85 | 20.84 |
| 64QAM | 1 | 0 | 21.02 | 20.92 | 21.10 |
| | 1 | 36 | 21.07 | 20.99 | 21.05 |
| | 1 | 74 | 21.21 | 20.96 | 21.09 |
| | 36 | 0 | 21.10 | 20.94 | 20.90 |
| | 36 | 18 | 21.17 | 20.88 | 20.93 |
| | 36 | 37 | 20.90 | 20.93 | 20.95 |
| | 75 | 0 | 21.04 | 20.81 | 19.82 |
| 256QAM | 1 | 0 | 17.84 | 17.87 | 17.93 |
| | 1 | 36 | 17.72 | 17.89 | 17.92 |
| | 1 | 74 | 17.91 | 17.89 | 17.91 |
| | 36 | 0 | 18.00 | 17.94 | 17.79 |
| | 36 | 18 | 17.90 | 17.88 | 17.87 |
| | 36 | 37 | 17.92 | 17.91 | 17.81 |
| | 75 | 0 | 17.81 | 17.84 | 17.79 |

| LTE Band66 20MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|---------------|---------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 132072 | 132322 | 132572 |
| | | | (1 720.0 MHz) | (1 745.0 MHz) | (1 770.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.60 | 22.59 | 22.72 |
| | 1 | 50 | 22.89 | 22.73 | 22.82 |
| | 1 | 99 | 23.00 | 23.12 | 23.04 |
| | 50 | 0 | 22.78 | 22.76 | 22.70 |
| | 50 | 25 | 22.72 | 22.77 | 22.69 |
| | 50 | 13 | 22.93 | 23.05 | 22.94 |
| | 100 | 0 | 21.85 | 21.87 | 21.97 |
| 16QAM | 1 | 0 | 22.02 | 22.03 | 22.01 |
| | 1 | 50 | 21.92 | 22.05 | 22.10 |
| | 1 | 99 | 22.04 | 22.00 | 22.03 |
| | 50 | 0 | 21.91 | 21.95 | 21.84 |
| | 50 | 25 | 21.81 | 21.76 | 21.87 |
| | 50 | 50 | 22.00 | 21.97 | 21.84 |
| | 100 | 0 | 20.87 | 20.92 | 20.88 |
| 64QAM | 1 | 0 | 20.95 | 21.05 | 21.00 |
| | 1 | 50 | 21.01 | 20.95 | 21.08 |
| | 1 | 99 | 20.96 | 20.95 | 20.94 |
| | 50 | 0 | 20.95 | 20.83 | 20.86 |
| | 50 | 25 | 20.91 | 20.80 | 20.96 |
| | 50 | 50 | 20.93 | 21.03 | 20.96 |
| | 100 | 0 | 19.88 | 19.98 | 19.92 |
| 256QAM | 1 | 0 | 18.01 | 17.99 | 17.86 |
| | 1 | 50 | 18.13 | 18.22 | 18.23 |
| | 1 | 99 | 17.98 | 17.98 | 18.00 |
| | 50 | 0 | 17.85 | 17.87 | 17.90 |
| | 50 | 25 | 17.83 | 17.85 | 17.88 |
| | 50 | 50 | 17.47 | 17.31 | 17.46 |
| | 100 | 0 | 18.00 | 17.82 | 17.82 |

Appendix E.2.9 LTE Band 71 Ant 1,3

| LTE Band71 5MHz Bandwidth | | | | | |
|----------------------------------|----------------|------------------|-------------------------------|--------------------|---------------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 133147 | 133297 | 133447 |
| | | | (665.5 MHz) | (680.5 MHz) | (695.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.71 | 23.04 | 23.02 |
| | 1 | 12 | 22.87 | 22.93 | 23.24 |
| | 1 | 24 | 22.71 | 23.09 | 22.82 |
| | 12 | 0 | 21.84 | 21.88 | 23.04 |
| | 12 | 6 | 21.90 | 21.89 | 23.19 |
| | 12 | 13 | 21.87 | 21.88 | 23.00 |
| | 25 | 0 | 21.81 | 21.98 | 23.09 |
| 16QAM | 1 | 0 | 21.86 | 22.64 | 22.13 |
| | 1 | 12 | 21.92 | 22.39 | 22.21 |
| | 1 | 24 | 22.01 | 22.71 | 22.04 |
| | 12 | 0 | 20.75 | 21.00 | 22.29 |
| | 12 | 6 | 20.93 | 20.95 | 22.34 |
| | 12 | 13 | 20.91 | 20.99 | 22.14 |
| | 25 | 0 | 20.94 | 21.05 | 22.22 |
| 64QAM | 1 | 0 | 21.24 | 21.38 | 21.11 |
| | 1 | 12 | 21.02 | 20.81 | 21.35 |
| | 1 | 24 | 21.15 | 21.27 | 21.43 |
| | 12 | 0 | 19.77 | 19.91 | 21.25 |
| | 12 | 6 | 20.00 | 19.99 | 21.43 |
| | 12 | 13 | 19.88 | 19.97 | 21.29 |
| | 25 | 0 | 19.98 | 19.94 | 21.08 |
| 256QAM | 1 | 0 | 18.13 | 18.43 | 17.88 |
| | 1 | 12 | 17.94 | 17.96 | 18.16 |
| | 1 | 24 | 17.69 | 18.08 | 18.00 |
| | 12 | 0 | 17.80 | 18.00 | 18.22 |
| | 12 | 6 | 17.89 | 17.96 | 18.04 |
| | 12 | 13 | 17.89 | 17.88 | 18.32 |
| | 25 | 0 | 17.92 | 17.98 | 18.33 |

| LTE Band71 10MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 133172 | 133297 | 133422 |
| | | | (668.0 MHz) | (680.5 MHz) | (693.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.73 | 22.87 | 22.87 |
| | 1 | 25 | 22.84 | 23.03 | 23.03 |
| | 1 | 49 | 22.74 | 23.21 | 22.97 |
| | 25 | 0 | 22.86 | 22.11 | 22.01 |
| | 25 | 12 | 23.05 | 21.97 | 22.01 |
| | 25 | 25 | 23.00 | 22.06 | 22.04 |
| | 50 | 0 | 21.93 | 22.04 | 22.03 |
| 16QAM | 1 | 0 | 22.37 | 21.98 | 22.36 |
| | 1 | 25 | 22.76 | 22.36 | 22.37 |
| | 1 | 49 | 22.20 | 22.26 | 22.35 |
| | 25 | 0 | 22.04 | 21.04 | 21.08 |
| | 25 | 12 | 22.01 | 21.02 | 21.03 |
| | 25 | 25 | 21.80 | 21.15 | 21.01 |
| | 50 | 0 | 21.04 | 20.99 | 21.08 |
| 64QAM | 1 | 0 | 20.88 | 21.43 | 21.18 |
| | 1 | 25 | 21.17 | 21.21 | 21.25 |
| | 1 | 49 | 20.84 | 21.10 | 21.33 |
| | 25 | 0 | 21.10 | 20.03 | 20.06 |
| | 25 | 12 | 21.06 | 20.06 | 20.06 |
| | 25 | 25 | 20.96 | 20.13 | 20.03 |
| | 50 | 0 | 19.88 | 20.04 | 20.08 |
| 256QAM | 1 | 0 | 18.02 | 17.92 | 17.98 |
| | 1 | 25 | 18.40 | 18.35 | 18.32 |
| | 1 | 49 | 18.07 | 18.15 | 18.19 |
| | 25 | 0 | 17.90 | 18.10 | 18.12 |
| | 25 | 12 | 18.07 | 18.01 | 18.12 |
| | 25 | 25 | 17.98 | 18.00 | 18.05 |
| | 50 | 0 | 18.01 | 18.05 | 18.06 |

| LTE Band71 15MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 133197 | 133297 | 133397 |
| | | | (670.5 MHz) | (680.5 MHz) | (690.5 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 23.22 | 23.24 | 22.93 |
| | 1 | 36 | 22.88 | 23.08 | 22.92 |
| | 1 | 74 | 22.83 | 22.96 | 22.92 |
| | 36 | 0 | 22.80 | 21.90 | 22.00 |
| | 36 | 18 | 22.82 | 21.99 | 21.98 |
| | 36 | 37 | 22.83 | 22.02 | 22.04 |
| | 75 | 0 | 21.85 | 21.93 | 22.02 |
| 16QAM | 1 | 0 | 21.98 | 22.19 | 21.89 |
| | 1 | 36 | 22.08 | 22.11 | 22.55 |
| | 1 | 74 | 22.07 | 22.14 | 21.97 |
| | 36 | 0 | 21.97 | 20.93 | 20.94 |
| | 36 | 18 | 21.91 | 21.02 | 21.04 |
| | 36 | 37 | 22.01 | 20.99 | 20.96 |
| | 75 | 0 | 20.73 | 20.96 | 20.97 |
| 64QAM | 1 | 0 | 20.95 | 21.34 | 20.95 |
| | 1 | 36 | 21.25 | 21.13 | 21.24 |
| | 1 | 74 | 21.17 | 21.19 | 21.11 |
| | 36 | 0 | 20.82 | 19.99 | 20.00 |
| | 36 | 18 | 20.94 | 20.02 | 19.97 |
| | 36 | 37 | 21.05 | 19.99 | 19.93 |
| | 75 | 0 | 19.81 | 20.05 | 20.02 |
| 256QAM | 1 | 0 | 17.92 | 17.90 | 18.13 |
| | 1 | 36 | 18.01 | 18.12 | 18.19 |
| | 1 | 74 | 18.04 | 18.02 | 18.15 |
| | 36 | 0 | 17.98 | 18.08 | 18.11 |
| | 36 | 18 | 17.95 | 18.07 | 18.10 |
| | 36 | 37 | 18.11 | 17.97 | 18.07 |
| | 75 | 0 | 17.98 | 18.03 | 17.93 |

| LTE Band71 20MHz Bandwidth | | | | | |
|----------------------------|---------|-----------|------------------------|-------------|--------------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel |
| | | | 133222 | 133297 | 133372 |
| | | | (673.0 MHz) | (680.5 MHz) | (688.0 MHz) |
| | | | Conducted Output Power | | |
| | | | (dB m) | (dB m) | (dB m) |
| QPSK | 1 | 0 | 22.96 | 22.96 | 22.92 |
| | 1 | 50 | 22.90 | 22.97 | 22.99 |
| | 1 | 99 | 22.91 | 23.39 | 23.09 |
| | 50 | 0 | 23.00 | 23.22 | 22.87 |
| | 50 | 25 | 22.97 | 22.03 | 22.02 |
| | 50 | 13 | 22.85 | 22.07 | 21.98 |
| | 100 | 0 | 21.87 | 21.95 | 21.89 |
| 16QAM | 1 | 0 | 22.00 | 22.01 | 22.11 |
| | 1 | 50 | 22.40 | 22.26 | 22.31 |
| | 1 | 99 | 22.32 | 22.06 | 22.31 |
| | 50 | 0 | 22.03 | 20.87 | 21.06 |
| | 50 | 25 | 21.91 | 20.86 | 21.05 |
| | 50 | 50 | 22.19 | 20.97 | 21.07 |
| | 100 | 0 | 20.95 | 20.93 | 20.99 |
| 64QAM | 1 | 0 | 20.60 | 21.38 | 21.03 |
| | 1 | 50 | 20.82 | 21.23 | 21.45 |
| | 1 | 99 | 21.21 | 21.07 | 21.63 |
| | 50 | 0 | 20.99 | 19.95 | 20.00 |
| | 50 | 25 | 20.93 | 19.90 | 20.00 |
| | 50 | 50 | 21.03 | 20.03 | 20.09 |
| | 100 | 0 | 19.98 | 19.95 | 20.10 |
| 256QAM | 1 | 0 | 17.94 | 18.20 | 17.83 |
| | 1 | 50 | 18.34 | 18.08 | 18.10 |
| | 1 | 99 | 18.27 | 18.15 | 18.35 |
| | 50 | 0 | 17.99 | 18.04 | 18.06 |
| | 50 | 25 | 18.02 | 18.01 | 18.09 |
| | 50 | 50 | 17.99 | 18.08 | 18.13 |
| | 100 | 0 | 18.02 | 18.10 | 18.11 |

Appendix E.3 5G NR Conducted Power

Appendix E.3.1 5G NR n5 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 165300 (826.5 MHz) | Mid Channel 167300 (836.5 MHz) | High Channel 169300 (846.5 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|--------------------------------|--------------------------------|---------------------------------|-------|
| n5 | 15 | 5 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 22.90 | 22.84 | 22.74 |
| | | | | QPSK | | 1 | 1 | 22.90 | 22.84 | 22.70 |
| | | | | 16QAM | | 1 | 1 | 21.80 | 21.70 | 21.63 |
| | | | | 64QAM | | 1 | 1 | 20.40 | 20.38 | 20.28 |
| | | | | 256QAM | | 1 | 1 | 17.80 | 17.70 | 17.68 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 23 | 22.70 | 22.71 | 22.69 |
| | | | | QPSK | | 1 | 23 | 22.80 | 22.74 | 22.74 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 22.80 | 22.68 | 22.64 |
| | | | | QPSK | | 12 | 6 | 22.80 | 22.72 | 22.64 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 21.90 | 21.76 | 21.71 |
| | | | | QPSK | | 25 | 0 | 21.90 | 21.80 | 21.69 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 21.90 | 21.84 | 21.69 |
| | | | | QPSK | | 1 | 0 | 21.80 | 21.83 | 21.73 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.90 | 22.34 | 21.77 |
| | | | | QPSK | | 2 | 0 | 21.90 | 21.83 | 21.73 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 24 | 21.70 | 21.70 | 21.70 |
| | | | | QPSK | | 1 | 24 | 21.70 | 21.73 | 21.70 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 21.80 | 21.75 | 21.71 |
| | | | QPSK | 2 | | 23 | 21.80 | 21.75 | 21.77 | |
| | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.50 | 21.40 | 21.39 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 165800 (829 MHz) | Mid Channel 167300 (836.5 MHz) | High Channel 168800 (844 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|------------------------------|--------------------------------|-------------------------------|-------|
| n5 | 15 | 10 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 22.63 | 22.86 | 22.72 |
| | | | | QPSK | | 1 | 1 | 22.60 | 22.89 | 22.71 |
| | | | | 16QAM | | 1 | 1 | 21.67 | 21.78 | 21.74 |
| | | | | 64QAM | | 1 | 1 | 20.03 | 20.48 | 20.19 |
| | | | | 256QAM | | 1 | 1 | 17.76 | 17.86 | 17.71 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 50 | 22.76 | 22.68 | 22.83 |
| | | | | QPSK | | 1 | 50 | 22.61 | 22.70 | 22.66 |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 22.70 | 22.73 | 22.88 |
| | | | | QPSK | | 25 | 12 | 22.68 | 22.75 | 22.83 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 22.31 | 21.80 | 22.38 |
| | | | | QPSK | | 50 | 0 | 21.85 | 21.84 | 21.82 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.07 | 21.80 | 22.19 |
| | | | | QPSK | | 1 | 0 | 21.59 | 21.85 | 21.76 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.15 | 22.37 | 22.35 |
| | | | | QPSK | | 2 | 0 | 21.75 | 21.82 | 21.87 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 51 | 22.09 | 21.57 | 22.16 |
| | | | | QPSK | | 1 | 51 | 21.63 | 21.62 | 21.69 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 50 | 22.19 | 21.59 | 22.38 |
| | | | QPSK | 2 | | 50 | 21.78 | 21.67 | 21.76 | |
| | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.08 | 21.50 | 21.23 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | | RB allocation | RB Size | RB Offset | Low Channel 166300 (831.5 MHz) | Mid Channel 167300 (836.5 MHz) | High Channel 168300 (841.5 MHz) |
|------|-----------|-----------------|------------|-----------|-----------------|---------|-----------|--------------------------------|--------------------------------|---------------------------------|
| n5 | 15 | 15 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.80 | 22.86 | 22.79 |
| | | | | QPSK | | 1 | 1 | 22.90 | 22.84 | 22.79 |
| | | | | 16QAM | | 1 | 1 | 21.70 | 21.74 | 21.69 |
| | | | | 64QAM | | 1 | 1 | 20.40 | 20.42 | 20.42 |
| | | | | 256QAM | | 1 | 1 | 18.00 | 17.88 | 17.86 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 77 | 22.80 | 22.77 | 22.60 |
| | | | | QPSK | | 1 | 77 | 22.80 | 22.79 | 22.62 |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 22.90 | 22.78 | 22.75 |
| | | | | QPSK | | 36 | 18 | 22.80 | 22.84 | 22.78 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 21.90 | 21.80 | 21.73 |
| | | | | QPSK | | 75 | 0 | 21.80 | 21.78 | 21.78 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 21.80 | 21.75 | 21.78 |
| | | | | QPSK | | 1 | 0 | 21.80 | 21.81 | 21.74 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.30 | 22.26 | 21.78 |
| | | | | QPSK | | 2 | 0 | 21.90 | 21.82 | 21.81 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 78 | 21.80 | 21.68 | 21.65 |
| | | | | QPSK | | 1 | 78 | 21.70 | 21.68 | 21.61 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 77 | 21.80 | 21.70 | 21.69 |
| | | | QPSK | 2 | | 77 | 21.80 | 21.76 | 21.58 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.50 | 21.49 | 21.49 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | | RB allocation | RB Size | RB Offset | Low Channel 166800 (834 MHz) | Mid Channel 167300 (836.5 MHz) | High Channel 167800 (839 MHz) |
|------|-----------|-----------------|------------|-----------|-----------------|---------|-----------|------------------------------|--------------------------------|-------------------------------|
| n5 | 15 | 20 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.91 | 22.92 | 22.90 |
| | | | | QPSK | | 1 | 1 | 22.92 | 23.01 | 22.95 |
| | | | | 16QAM | | 1 | 1 | 21.70 | 21.77 | 21.75 |
| | | | | 64QAM | | 1 | 1 | 20.14 | 20.50 | 20.41 |
| | | | | 256QAM | | 1 | 1 | 17.90 | 17.88 | 17.82 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 104 | 22.70 | 22.73 | 22.62 |
| | | | | QPSK | | 1 | 104 | 22.70 | 22.74 | 22.65 |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 22.80 | 22.83 | 22.79 |
| | | | | QPSK | | 50 | 25 | 22.82 | 22.84 | 22.84 |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 21.80 | 21.83 | 21.82 |
| | | | | QPSK | | 100 | 0 | 21.80 | 21.85 | 21.87 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 21.80 | 21.82 | 21.79 |
| | | | | QPSK | | 1 | 0 | 21.80 | 21.82 | 21.75 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.28 | 21.80 | 22.25 |
| | | | | QPSK | | 2 | 0 | 21.80 | 21.83 | 21.80 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 105 | 21.60 | 21.63 | 21.53 |
| | | | | QPSK | | 1 | 105 | 21.70 | 21.63 | 21.50 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 104 | 21.70 | 21.67 | 21.54 |
| | | | QPSK | 2 | | 104 | 21.70 | 21.65 | 21.60 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.50 | 20.07 | 21.48 |

Appendix E.3.2 5G NR n7 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 500500 (2502.5 MHz) | Mid Channel 507000 (2535 MHz) | High Channel 513500 (2567.5 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|---------------------------------|-------------------------------|----------------------------------|-------|
| n7 | 15 | 5 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.53 | 23.78 | 23.48 |
| | | | | QPSK | | 1 | 1 | 23.54 | 23.81 | 23.52 |
| | | | | 16QAM | | 1 | 1 | 22.41 | 22.67 | 22.33 |
| | | | | 64QAM | | 1 | 1 | 21.19 | 21.39 | 21.12 |
| | | | | 256QAM | | 1 | 1 | 18.55 | 18.81 | 18.53 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 23 | 23.54 | 23.76 | 23.49 |
| | | | | QPSK | | 1 | 23 | 23.54 | 23.75 | 23.46 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 23.47 | 23.72 | 23.41 |
| | | | | QPSK | | 12 | 6 | 23.50 | 23.71 | 23.41 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 22.52 | 22.73 | 22.44 |
| | | | | QPSK | | 25 | 0 | 22.56 | 22.79 | 22.47 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.54 | 22.81 | 22.43 |
| | | | | QPSK | | 1 | 0 | 22.52 | 22.79 | 22.54 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.55 | 22.80 | 22.40 |
| | | | | QPSK | | 2 | 0 | 22.55 | 22.81 | 22.56 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 24 | 22.61 | 22.73 | 22.41 |
| | | | | QPSK | | 1 | 24 | 22.54 | 22.78 | 22.45 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 22.62 | 22.72 | 22.39 | |
| QPSK | 2 | 23 | 22.51 | | 22.77 | 22.48 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.25 | 22.45 | 22.18 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 501000 (2505 MHz) | Mid Channel 507000 (2535 MHz) | High Channel 513000 (2565 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n7 | 15 | 10 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.62 | 23.83 | 23.10 |
| | | | | QPSK | | 1 | 1 | 23.68 | 23.84 | 23.14 |
| | | | | 16QAM | | 1 | 1 | 22.54 | 22.75 | 22.00 |
| | | | | 64QAM | | 1 | 1 | 21.31 | 21.54 | 20.72 |
| | | | | 256QAM | | 1 | 1 | 18.73 | 18.94 | 18.16 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 50 | 23.72 | 23.77 | 23.12 |
| | | | | QPSK | | 1 | 50 | 23.74 | 23.76 | 23.17 |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 23.56 | 23.75 | 23.04 |
| | | | | QPSK | | 25 | 12 | 23.64 | 23.78 | 23.12 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 22.76 | 22.82 | 22.08 |
| | | | | QPSK | | 50 | 0 | 22.70 | 22.85 | 22.16 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.36 | 22.74 | 22.05 |
| | | | | QPSK | | 1 | 0 | 22.60 | 22.77 | 22.10 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.59 | 22.76 | 22.82 |
| | | | | QPSK | | 2 | 0 | 22.62 | 22.79 | 22.10 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 51 | 22.35 | 22.69 | 22.02 |
| | | | | QPSK | | 1 | 51 | 22.72 | 22.72 | 22.06 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 50 | 22.46 | 22.72 | 22.00 | |
| QPSK | 2 | 50 | 22.74 | | 22.70 | 22.08 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.34 | 22.54 | 21.73 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 501500 (2507.5 MHz) | Mid Channel 507000 (2535 MHz) | High Channel 512500 (2562.5 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|---------------------------------|-------------------------------|----------------------------------|-------|
| n7 | 15 | 15 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.49 | 23.26 | 23.08 |
| | | | | QPSK | | 1 | 1 | 23.54 | 23.32 | 23.14 |
| | | | | 16QAM | | 1 | 1 | 22.44 | 22.21 | 22.03 |
| | | | | 64QAM | | 1 | 1 | 21.19 | 20.96 | 20.81 |
| | | | | 256QAM | | 1 | 1 | 18.70 | 18.43 | 18.21 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 77 | 23.30 | 23.09 | 23.10 |
| | | | | QPSK | | 1 | 77 | 23.36 | 23.12 | 23.16 |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 23.29 | 23.16 | 23.08 |
| | | | | QPSK | | 36 | 18 | 23.42 | 23.18 | 23.07 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 22.18 | 22.15 | 22.08 |
| | | | | QPSK | | 75 | 0 | 22.36 | 22.19 | 22.07 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.27 | 22.20 | 21.99 |
| | | | | QPSK | | 1 | 0 | 22.47 | 22.23 | 22.12 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 0 | 20.23 | 22.21 | 22.00 |
| | | | | QPSK | | 2 | 0 | 22.50 | 22.24 | 22.11 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 78 | 21.97 | 21.99 | 22.00 |
| | | | | QPSK | | 1 | 78 | 22.31 | 22.07 | 22.04 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 77 | 21.81 | 21.99 | 22.01 | |
| QPSK | 2 | 77 | 22.30 | | 22.02 | 22.10 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.20 | 21.97 | 21.81 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 502000 (2510 MHz) | Mid Channel 507000 (2535 MHz) | High Channel 512000 (2560 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n7 | 15 | 20 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.75 | 23.85 | 23.76 |
| | | | | QPSK | | 1 | 1 | 23.57 | 23.30 | 23.23 |
| | | | | 16QAM | | 1 | 1 | 22.40 | 22.20 | 22.12 |
| | | | | 64QAM | | 1 | 1 | 21.13 | 20.95 | 20.90 |
| | | | | 256QAM | | 1 | 1 | 18.73 | 18.36 | 18.22 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 104 | 23.32 | 23.13 | 23.11 |
| | | | | QPSK | | 1 | 104 | 23.30 | 23.15 | 23.15 |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 23.65 | 23.79 | 23.31 |
| | | | | QPSK | | 50 | 25 | 23.42 | 23.53 | 23.14 |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 22.50 | 22.22 | 22.10 |
| | | | | QPSK | | 100 | 0 | 22.39 | 22.24 | 22.15 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.46 | 22.19 | 22.10 |
| | | | | QPSK | | 1 | 0 | 22.50 | 22.27 | 22.15 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.22 | 22.22 | 22.17 |
| | | | | QPSK | | 2 | 0 | 22.51 | 22.27 | 22.12 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 105 | 22.20 | 22.03 | 22.04 |
| | | | | QPSK | | 1 | 105 | 22.26 | 22.05 | 22.09 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 104 | 20.43 | 22.05 | 22.04 | |
| QPSK | 2 | 104 | 22.27 | | 22.08 | 22.06 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.17 | 21.96 | 21.79 | | | |

Appendix E.3.3 5G NR n12 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 140300 (701.5 MHz) | Mid Channel 141500 (707.5 MHz) | High Channel 142700 (713.5 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|--------------------------------|--------------------------------|---------------------------------|-------|
| n12 | 15 | 5 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.80 | 22.72 | 22.58 |
| | | | | QPSK | | 1 | 1 | 22.85 | 22.80 | 22.71 |
| | | | | 16QAM | | 1 | 1 | 21.72 | 21.73 | 21.53 |
| | | | | 64QAM | | 1 | 1 | 20.45 | 20.41 | 20.21 |
| | | | | 256QAM | | 1 | 1 | 17.79 | 17.74 | 17.61 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 23 | 22.74 | 22.60 | 22.63 |
| | | | | QPSK | | 1 | 23 | 22.94 | 22.80 | 22.67 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 22.92 | 22.73 | 22.68 |
| | | | | QPSK | | 12 | 6 | 22.88 | 22.73 | 22.64 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 21.89 | 21.77 | 21.71 |
| | | | | QPSK | | 25 | 0 | 21.90 | 21.74 | 21.71 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.00 | 21.64 | 21.74 |
| | | | | QPSK | | 1 | 0 | 21.94 | 21.89 | 21.81 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.95 | 21.77 | 21.85 |
| | | | | QPSK | | 2 | 0 | 21.96 | 21.95 | 21.84 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 24 | 21.94 | 21.66 | 21.58 |
| | | | | QPSK | | 1 | 24 | 22.01 | 21.66 | 21.79 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 22.05 | 21.81 | 21.74 | |
| QPSK | 2 | 23 | 22.05 | | 21.86 | 21.85 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.46 | 21.41 | 21.28 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 140800 (704 MHz) | Mid Channel 141500 (707.5 MHz) | High Channel 142200 (711 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|------------------------------|--------------------------------|-------------------------------|-------|
| n12 | 15 | 10 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.76 | 22.80 | 22.68 |
| | | | | QPSK | | 1 | 1 | 22.85 | 22.92 | 22.81 |
| | | | | 16QAM | | 1 | 1 | 21.72 | 21.78 | 21.63 |
| | | | | 64QAM | | 1 | 1 | 20.45 | 20.53 | 20.38 |
| | | | | 256QAM | | 1 | 1 | 17.81 | 17.89 | 17.80 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 50 | 22.63 | 22.59 | 22.60 |
| | | | | QPSK | | 1 | 50 | 22.81 | 22.71 | 22.65 |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 22.82 | 22.86 | 22.82 |
| | | | | QPSK | | 25 | 12 | 22.79 | 22.91 | 22.81 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 21.83 | 21.84 | 21.69 |
| | | | | QPSK | | 50 | 0 | 21.85 | 21.80 | 21.73 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 21.73 | 21.78 | 21.86 |
| | | | | QPSK | | 1 | 0 | 21.86 | 21.87 | 21.95 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.87 | 21.95 | 21.93 |
| | | | | QPSK | | 2 | 0 | 21.86 | 21.94 | 21.92 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 51 | 21.71 | 21.67 | 21.70 |
| | | | | QPSK | | 1 | 51 | 21.78 | 21.71 | 21.78 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 50 | 21.80 | 21.81 | 21.72 | |
| QPSK | 2 | 50 | 21.81 | | 21.81 | 21.72 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.43 | 21.51 | 21.40 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 141300 (706.5 MHz) | Mid Channel 141500 (707.5 MHz) | High Channel 141700 (708.5 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|--------------------------------|--------------------------------|---------------------------------|-------|
| n12 | 15 | 15 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.83 | 22.82 | 22.76 |
| | | | | QPSK | | 1 | 1 | 22.95 | 22.96 | 22.84 |
| | | | | 16QAM | | 1 | 1 | 21.84 | 21.85 | 21.74 |
| | | | | 64QAM | | 1 | 1 | 20.54 | 20.54 | 20.48 |
| | | | | 256QAM | | 1 | 1 | 17.95 | 17.87 | 17.89 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 77 | 22.75 | 22.72 | 22.61 |
| | | | | QPSK | | 1 | 77 | 22.76 | 22.71 | 22.74 |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 22.80 | 22.84 | 22.80 |
| | | | | QPSK | | 36 | 18 | 22.83 | 22.94 | 22.81 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 21.84 | 21.85 | 21.75 |
| | | | | QPSK | | 75 | 0 | 21.82 | 21.80 | 21.79 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 21.77 | 21.80 | 21.79 |
| | | | | QPSK | | 1 | 0 | 21.86 | 21.77 | 21.86 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.85 | 21.68 | 21.84 |
| | | | | QPSK | | 2 | 0 | 21.87 | 21.75 | 21.81 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 78 | 21.72 | 21.66 | 21.65 |
| | | | | QPSK | | 1 | 78 | 21.70 | 21.86 | 21.73 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 77 | 21.77 | 21.75 | 21.79 |
| | | | | QPSK | | 2 | 77 | 21.78 | 21.85 | 21.79 |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.55 | 21.55 | 21.48 |

Appendix E.3.4 5G NR n25 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 370500 (1852.5 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 382500 (1912.5 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|---------------------------------|---------------------------------|----------------------------------|-------|
| n25 | 15 | 5 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.56 | 23.45 | 23.46 |
| | | | | QPSK | | 1 | 1 | 23.59 | 23.54 | 23.51 |
| | | | | 16QAM | | 1 | 1 | 22.55 | 22.43 | 22.41 |
| | | | | 64QAM | | 1 | 1 | 21.21 | 21.09 | 21.06 |
| | | | | 256QAM | | 1 | 1 | 18.54 | 18.51 | 18.41 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 23 | 23.57 | 23.44 | 23.40 |
| | | | | QPSK | | 1 | 23 | 23.59 | 23.44 | 23.45 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 23.52 | 23.40 | 23.41 |
| | | | | QPSK | | 12 | 6 | 23.53 | 23.46 | 23.43 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 22.69 | 22.68 | 22.47 |
| | | | | QPSK | | 25 | 0 | 22.62 | 22.47 | 22.50 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.58 | 22.59 | 22.48 |
| | | | | QPSK | | 1 | 0 | 22.61 | 22.52 | 22.52 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.63 | 22.62 | 22.48 |
| | | | | QPSK | | 2 | 0 | 22.65 | 22.54 | 22.52 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 24 | 22.62 | 22.69 | 22.43 |
| | | | | QPSK | | 1 | 24 | 22.57 | 22.43 | 22.44 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 22.65 | 22.34 | 22.40 | |
| QPSK | 2 | 23 | 22.57 | | 22.46 | 22.46 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.17 | 22.16 | 22.07 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 371000 (1855 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 382000 (1910 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|-------------------------------|---------------------------------|--------------------------------|-------|
| n25 | 15 | 10 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.55 | 23.62 | 23.50 |
| | | | | QPSK | | 1 | 1 | 23.54 | 23.70 | 23.50 |
| | | | | 16QAM | | 1 | 1 | 22.72 | 22.58 | 22.45 |
| | | | | 64QAM | | 1 | 1 | 21.36 | 21.28 | 21.17 |
| | | | | 256QAM | | 1 | 1 | 18.72 | 18.66 | 18.57 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 50 | 23.53 | 23.41 | 23.44 |
| | | | | QPSK | | 1 | 50 | 23.56 | 23.51 | 23.44 |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 23.51 | 23.50 | 23.43 |
| | | | | QPSK | | 25 | 12 | 23.54 | 23.53 | 23.44 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 22.79 | 22.55 | 22.46 |
| | | | | QPSK | | 50 | 0 | 22.82 | 22.59 | 22.46 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.66 | 22.59 | 22.45 |
| | | | | QPSK | | 1 | 0 | 22.65 | 22.62 | 22.48 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.45 | 22.57 | 22.01 |
| | | | | QPSK | | 2 | 0 | 22.75 | 22.61 | 22.50 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 51 | 22.62 | 22.40 | 22.42 |
| | | | | QPSK | | 1 | 51 | 22.66 | 22.37 | 22.43 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 50 | 22.67 | 22.42 | 22.38 | |
| QPSK | 2 | 50 | 22.74 | | 22.46 | 22.46 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.39 | 22.29 | 22.40 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 371500 (1857.5 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 381500 (1907.5 MHz) | |
|---------|-----------|-----------------|-----------------|-----------------|-----------|-----------|---------------------------------|---------------------------------|----------------------------------|-------|
| n25 | 15 | 15 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 23.53 | 23.55 | 23.49 |
| | | | | | QPSK | 1 | 1 | 23.53 | 23.56 | 23.53 |
| | | | | | 16QAM | 1 | 1 | 22.76 | 22.75 | 22.42 |
| | | | | | 64QAM | 1 | 1 | 21.42 | 21.47 | 21.17 |
| | | | | | 256QAM | 1 | 1 | 18.81 | 18.82 | 18.58 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 77 | 23.57 | 23.50 | 23.48 |
| | | | | | QPSK | 1 | 77 | 23.58 | 23.52 | 23.51 |
| | | | | Inner_Full | Pi/2 BPSK | 36 | 18 | 23.52 | 23.58 | 23.46 |
| | | | | | QPSK | 36 | 18 | 23.51 | 23.55 | 23.51 |
| | | | | Outer_Full | Pi/2 BPSK | 75 | 0 | 22.67 | 22.63 | 22.45 |
| | | | | | QPSK | 75 | 0 | 22.73 | 22.65 | 22.50 |
| | | | | Edge_1RB Left | Pi/2 BPSK | 1 | 0 | 22.74 | 22.77 | 22.44 |
| | | | | | QPSK | 1 | 0 | 22.82 | 22.77 | 22.51 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 22.85 | 22.80 | 22.85 |
| | | | | | QPSK | 2 | 0 | 22.78 | 22.80 | 22.47 |
| | | | | Edge_1RB Right | Pi/2 BPSK | 1 | 78 | 22.68 | 22.52 | 22.45 |
| | | | | | QPSK | 1 | 78 | 22.72 | 22.58 | 22.46 |
| | | | Edge_Full Right | Pi/2 BPSK | 2 | 77 | 22.47 | 22.57 | 22.46 | |
| QPSK | 2 | 77 | | 22.73 | 22.63 | 22.49 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.48 | 22.49 | 22.09 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 372000 (1860 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 381000 (1905 MHz) | |
|---------|-----------|-----------------|-----------------|-----------------|-----------|-----------|-------------------------------|---------------------------------|--------------------------------|-------|
| n25 | 15 | 20 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 23.59 | 23.68 | 23.65 |
| | | | | | QPSK | 1 | 1 | 23.68 | 23.74 | 23.70 |
| | | | | | 16QAM | 1 | 1 | 23.52 | 23.58 | 23.53 |
| | | | | | 64QAM | 1 | 1 | 23.53 | 23.63 | 23.56 |
| | | | | | 256QAM | 1 | 1 | 18.79 | 18.77 | 18.76 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 104 | 23.66 | 23.67 | 23.59 |
| | | | | | QPSK | 1 | 104 | 22.62 | 22.60 | 22.62 |
| | | | | Inner_Full | Pi/2 BPSK | 50 | 25 | 22.69 | 22.63 | 22.60 |
| | | | | | QPSK | 50 | 25 | 22.55 | 22.62 | 22.58 |
| | | | | Outer_Full | Pi/2 BPSK | 100 | 0 | 22.59 | 22.69 | 22.67 |
| | | | | | QPSK | 100 | 0 | 20.73 | 20.73 | 22.60 |
| | | | | Edge_1RB Left | Pi/2 BPSK | 1 | 0 | 22.62 | 22.69 | 22.62 |
| | | | | | QPSK | 1 | 0 | 22.64 | 22.54 | 22.46 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 22.63 | 22.55 | 22.43 |
| | | | | | QPSK | 2 | 0 | 22.66 | 22.56 | 22.45 |
| | | | | Edge_1RB Right | Pi/2 BPSK | 1 | 105 | 22.63 | 22.54 | 22.45 |
| | | | | | QPSK | 1 | 105 | 22.42 | 22.39 | 22.42 |
| | | | Edge_Full Right | Pi/2 BPSK | 2 | 104 | 23.59 | 23.68 | 23.65 | |
| QPSK | 2 | 104 | | 23.68 | 23.74 | 23.70 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 23.52 | 23.58 | 23.53 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 372500 (1862.5 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 380500 (1902.5 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|---------------------------------|---------------------------------|----------------------------------|-------|
| n25 | 15 | 25 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.57 | 23.66 | 23.49 |
| | | | | QPSK | | 1 | 1 | 23.58 | 23.66 | 23.65 |
| | | | | 16QAM | | 1 | 1 | 22.66 | 22.76 | 22.69 |
| | | | | 64QAM | | 1 | 1 | 21.51 | 21.54 | 21.54 |
| | | | | 256QAM | | 1 | 1 | 19.68 | 19.13 | 19.05 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 131 | 23.59 | 23.69 | 23.42 |
| | | | | QPSK | | 1 | 131 | 23.66 | 23.73 | 23.42 |
| | | | | Pi/2 BPSK | Inner_Full | 64 | 32 | 23.65 | 23.73 | 23.60 |
| | | | | QPSK | | 64 | 32 | 23.64 | 23.72 | 23.61 |
| | | | | Pi/2 BPSK | Outer_Full | 128 | 0 | 22.74 | 22.82 | 22.85 |
| | | | | QPSK | | 128 | 0 | 22.75 | 22.81 | 22.84 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.68 | 22.85 | 22.73 |
| | | | | QPSK | | 1 | 0 | 22.84 | 22.79 | 22.90 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.87 | 22.82 | 22.89 |
| | | | | QPSK | | 2 | 0 | 22.77 | 22.75 | 22.85 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 132 | 22.63 | 22.50 | 22.79 |
| | | | | QPSK | | 1 | 132 | 22.79 | 22.59 | 22.78 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 131 | 22.75 | 22.99 | 22.74 | |
| QPSK | 2 | 131 | 22.71 | | 22.98 | 22.67 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.48 | 22.36 | 22.50 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 373000 (1865 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 380000 (1900 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|----------------|-------------------------------|---------------------------------|--------------------------------|-------|
| | | | | QPSK | | 1 | 1 | 23.65 | 23.67 | 23.45 |
| | | | | 16QAM | | 1 | 1 | 22.32 | 22.58 | 22.66 |
| | | | | 64QAM | | 1 | 1 | 21.17 | 21.50 | 21.35 |
| | | | | 256QAM | | 1 | 1 | 18.84 | 18.92 | 19.01 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 158 | 23.24 | 23.58 | 23.42 |
| | | | | QPSK | | 1 | 158 | 23.46 | 23.66 | 23.23 |
| | | | | Pi/2 BPSK | Inner_Full | 80 | 40 | 23.61 | 23.61 | 23.47 |
| | | | | QPSK | | 80 | 40 | 23.64 | 23.62 | 23.56 |
| | | | | Pi/2 BPSK | Outer_Full | 160 | 0 | 22.71 | 22.72 | 22.81 |
| | | | | QPSK | | 160 | 0 | 22.68 | 22.67 | 22.67 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.41 | 22.60 | 22.69 |
| | | | | QPSK | | 1 | 0 | 22.54 | 22.83 | 22.77 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.74 | 22.89 | 22.83 |
| | | | | QPSK | | 2 | 0 | 22.64 | 22.85 | 22.77 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 159 | 22.61 | 22.71 | 22.78 |
| | | | | QPSK | | 1 | 159 | 22.78 | 22.83 | 22.66 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 158 | 22.78 | 22.85 | 22.59 |
| | | | | QPSK | | 2 | 158 | 22.74 | 22.81 | 22.55 |
| | | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.45 | 22.59 |



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| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 374000 (1870 MHz) | Mid Channel 376500 (1882.5 MHz) | High Channel 379000 (1895 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------|-----------|-------------------------------|---------------------------------|--------------------------------|-------|
| | | | QPSK | | 1 | 1 | 23.74 | 23.75 | 23.71 | |
| | | | 16QAM | | 1 | 1 | 22.60 | 22.66 | 22.66 | |
| | | | 64QAM | | 1 | 1 | 21.60 | 21.53 | 21.48 | |
| | | | 256QAM | | 1 | 1 | 18.97 | 18.99 | 18.99 | |
| | | | Pi/2 BPSK | Inner_1RB | 1 | 214 | 23.58 | 23.60 | 23.27 | |
| | | | QPSK | Right | 1 | 214 | 23.69 | 23.67 | 23.29 | |
| | | | Pi/2 BPSK | Inner_Full | 108 | 54 | 23.65 | 23.60 | 23.63 | |
| | | | QPSK | | 108 | 54 | 23.67 | 23.68 | 23.68 | |
| | | | Pi/2 BPSK | Outer_Full | 216 | 0 | 22.81 | 22.82 | 22.83 | |
| | | | QPSK | | 216 | 0 | 22.80 | 22.81 | 22.93 | |
| | | | Pi/2 BPSK | Edge_1RB | 1 | 0 | 22.60 | 22.65 | 22.54 | |
| | | | QPSK | Left | 1 | 0 | 22.83 | 22.84 | 22.77 | |
| | | | Pi/2 BPSK | Edge_Full | 2 | 0 | 22.86 | 22.90 | 22.73 | |
| | | | QPSK | Left | 2 | 0 | 22.80 | 22.88 | 22.74 | |
| | | | Pi/2 BPSK | Edge_1RB | 1 | 215 | 22.68 | 22.75 | 22.22 | |
| | | | QPSK | Right | 1 | 215 | 22.85 | 22.90 | 22.32 | |
| | | | Pi/2 BPSK | Edge_Full | 2 | 214 | 22.87 | 22.95 | 22.45 | |
| | | | QPSK | Right | 2 | 214 | 22.84 | 22.86 | 22.37 | |
| | | | CP-OFDM | QPSK | Inner_1RB | 1 | 1 | 22.39 | 22.31 | 22.45 |
| | | | | Left | | | | | | |

Appendix E.3.5 5G NR n41 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 501204 (2506.02 MHz) | Low-Mid Channel 509898 (2549.49 MHz) | Mid Channel 518598 (2592.99 MHz) | Mid-High Channel 527298 (2636.49 MHz) | High Channel 535998 (2679.99 MHz) | |
|------|-----------|-----------------|-----------------|-----------------|----------------|-----------|----------------------------------|--------------------------------------|----------------------------------|---------------------------------------|-----------------------------------|-------|
| n41 | 30 | 20 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 23.23 | 23.82 | 23.83 | 23.72 | 23.50 |
| | | | | | QPSK | 1 | 1 | 23.17 | 23.74 | 23.93 | 23.65 | 23.46 |
| | | | | | 16QAM | 1 | 1 | 21.93 | 22.42 | 22.57 | 22.34 | 22.29 |
| | | | | | 64QAM | 1 | 1 | 20.78 | 21.26 | 21.47 | 21.08 | 21.23 |
| | | | | | 256QAM | 1 | 1 | 18.62 | 18.98 | 19.36 | 18.83 | 19.13 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 49 | 23.34 | 23.50 | 23.83 | 23.49 | 23.72 |
| | | | | | QPSK | 1 | 49 | 23.34 | 23.40 | 23.79 | 23.23 | 23.67 |
| | | | | Inner_Full | Pi/2 BPSK | 25 | 12 | 23.50 | 23.88 | 23.69 | 23.79 | 23.61 |
| | | | | | QPSK | 25 | 12 | 23.46 | 23.74 | 24.02 | 23.55 | 23.62 |
| | | | | Outer_Full | Pi/2 BPSK | 50 | 0 | 22.97 | 23.27 | 23.54 | 23.19 | 23.37 |
| | | | | | QPSK | 50 | 0 | 22.45 | 22.66 | 23.04 | 22.50 | 23.09 |
| | | | | Edge_1RB Left | Pi/2 BPSK | 1 | 0 | 22.56 | 23.16 | 23.35 | 23.03 | 23.09 |
| | | | | | QPSK | 1 | 0 | 22.06 | 22.69 | 22.86 | 22.54 | 22.62 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 22.67 | 23.26 | 23.50 | 23.24 | 23.19 |
| | | | | | QPSK | 2 | 0 | 22.19 | 22.77 | 23.00 | 22.66 | 22.70 |
| | | | | Edge_1RB Right | Pi/2 BPSK | 1 | 50 | 22.76 | 22.78 | 23.28 | 22.76 | 23.36 |
| | | | QPSK | | 1 | 50 | 22.23 | 22.30 | 22.78 | 22.17 | 22.89 | |
| | | | Edge_Full Right | Pi/2 BPSK | 2 | 49 | 22.77 | 22.88 | 23.37 | 22.85 | 23.46 | |
| | | | | QPSK | 2 | 49 | 22.28 | 22.38 | 22.87 | 22.27 | 22.97 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.86 | 23.79 | 22.56 | 23.65 | 21.57 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 502200 (2511 MHz) | Low-Mid Channel 510402 (2552.01 MHz) | Mid Channel 518598 (2592.99 MHz) | Mid-High Channel 526800 (2634 MHz) | High Channel 534996 (2674.98 MHz) | |
|------|-----------|-----------------|-----------------|-----------------|----------------|-----------|-------------------------------|--------------------------------------|----------------------------------|------------------------------------|-----------------------------------|-------|
| n41 | 30 | 30 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 23.53 | 23.90 | 24.14 | 23.62 | 23.65 |
| | | | | | QPSK | 1 | 1 | 23.49 | 23.91 | 24.08 | 23.73 | 23.60 |
| | | | | | 16QAM | 1 | 1 | 22.18 | 22.58 | 22.75 | 22.35 | 22.45 |
| | | | | | 64QAM | 1 | 1 | 21.08 | 21.38 | 21.67 | 21.26 | 21.40 |
| | | | | | 256QAM | 1 | 1 | 18.82 | 19.26 | 19.43 | 18.98 | 19.26 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 76 | 23.63 | 23.51 | 23.91 | 23.43 | 23.06 |
| | | | | | QPSK | 1 | 76 | 23.59 | 23.46 | 23.87 | 23.35 | 23.01 |
| | | | | Inner_Full | Pi/2 BPSK | 36 | 18 | 23.84 | 23.94 | 24.08 | 23.69 | 23.30 |
| | | | | | QPSK | 36 | 18 | 23.74 | 23.82 | 24.01 | 23.73 | 23.51 |
| | | | | Outer_Full | Pi/2 BPSK | 75 | 0 | 23.24 | 23.41 | 23.69 | 23.14 | 23.33 |
| | | | | | QPSK | 75 | 0 | 22.67 | 22.88 | 23.15 | 22.60 | 23.12 |
| | | | | Edge_1RB Left | Pi/2 BPSK | 1 | 0 | 23.00 | 23.34 | 23.58 | 23.10 | 23.45 |
| | | | | | QPSK | 1 | 0 | 22.48 | 22.87 | 23.09 | 22.51 | 22.91 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 23.02 | 23.45 | 23.67 | 23.25 | 23.54 |
| | | | | | QPSK | 2 | 0 | 22.52 | 22.89 | 23.19 | 22.62 | 23.04 |
| | | | | Edge_1RB Right | Pi/2 BPSK | 1 | 77 | 23.03 | 22.90 | 23.34 | 22.65 | 23.09 |
| | | | QPSK | | 1 | 77 | 22.56 | 22.40 | 22.87 | 22.28 | 22.63 | |
| | | | Edge_Full Right | Pi/2 BPSK | 2 | 76 | 23.13 | 22.98 | 23.45 | 22.81 | 23.21 | |
| | | | | QPSK | 2 | 76 | 22.64 | 22.48 | 22.95 | 22.34 | 22.72 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.11 | 22.51 | 22.69 | 22.76 | 22.74 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 503202 (2516.01 MHz) | Low-Mid Channel 513468 (2567.34 MHz) | N/A | Mid-High Channel 523734 (2618.67 MHz) | High Channel 534000 (2670 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------|-----------|----------------------------------|--------------------------------------|-------|---------------------------------------|--------------------------------|-------|
| n41 | 30 | 40 | DFT-s-OFDM | Inner_IRB Left | Pi/2 BPSK | 1 | 1 | 23.53 | 23.81 | | 24.03 | 23.71 |
| | | | | | QPSK | 1 | 1 | 23.47 | 23.70 | | 24.02 | 23.60 |
| | | | | | 16QAM | 1 | 1 | 22.11 | 22.41 | | 22.65 | 22.45 |
| | | | | | 64QAM | 1 | 1 | 21.00 | 21.11 | | 21.55 | 21.42 |
| | | | | | 256QAM | 1 | 1 | 18.68 | 18.90 | | 19.27 | 19.38 |
| | | | | Inner_IRB Right | Pi/2 BPSK | 1 | 104 | 23.46 | 23.49 | | 23.67 | 23.01 |
| | | | | | QPSK | 1 | 104 | 23.42 | 23.34 | | 23.68 | 22.96 |
| | | | | Inner_Full | Pi/2 BPSK | 50 | 25 | 23.86 | 23.71 | | 24.01 | 23.33 |
| | | | | | QPSK | 50 | 25 | 23.76 | 23.66 | | 23.98 | 23.37 |
| | | | | Outer_Full | Pi/2 BPSK | 100 | 0 | 23.21 | 23.11 | | 23.64 | 23.06 |
| | | | | | QPSK | 100 | 0 | 22.73 | 22.54 | | 23.13 | 22.95 |
| | | | | Edge_IRB Left | Pi/2 BPSK | 1 | 0 | 22.91 | 23.03 | | 23.49 | 23.55 |
| | | | | | QPSK | 1 | 0 | 22.42 | 22.65 | | 22.96 | 23.04 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 23.01 | 23.21 | | 23.59 | 23.53 |
| | | | | | QPSK | 2 | 0 | 22.52 | 22.77 | | 23.09 | 23.02 |
| | | | | Edge_IRB Right | Pi/2 BPSK | 1 | 105 | 22.87 | 22.59 | | 23.14 | 23.05 |
| | | | | | QPSK | 1 | 105 | 22.32 | 22.12 | | 22.65 | 22.59 |
| | | | | Edge_Full Right | Pi/2 BPSK | 2 | 104 | 22.94 | 22.68 | | 23.25 | 23.17 |
| QPSK | 2 | 104 | 22.40 | | 22.22 | | 22.75 | 22.68 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.90 | 23.64 | | 22.55 | 22.05 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 504204 (2521.02 MHz) | N/A | Mid Channel 518598 (2592.99 MHz) | N/A | High Channel 532998 (2664.99 MHz) |
|---------|-----------|-----------------|------------|-----------------|-----------|-----------|----------------------------------|-------|----------------------------------|-------|-----------------------------------|
| n41 | 30 | 50 | DFT-s-OFDM | Inner_IRB Left | Pi/2 BPSK | 1 | 1 | 23.70 | | 24.07 | 24.13 |
| | | | | | QPSK | 1 | 1 | 23.72 | | 24.02 | 24.07 |
| | | | | | 16QAM | 1 | 1 | 22.39 | | 22.70 | 22.75 |
| | | | | | 64QAM | 1 | 1 | 21.22 | | 21.54 | 21.59 |
| | | | | | 256QAM | 1 | 1 | 18.99 | | 19.42 | 19.39 |
| | | | | Inner_IRB Right | Pi/2 BPSK | 1 | 131 | 23.54 | | 23.69 | 23.57 |
| | | | | | QPSK | 1 | 131 | 23.49 | | 23.63 | 23.52 |
| | | | | Inner_Full | Pi/2 BPSK | 64 | 32 | 24.00 | | 24.08 | 23.63 |
| | | | | | QPSK | 64 | 32 | 24.01 | | 24.11 | 23.63 |
| | | | | Outer_Full | Pi/2 BPSK | 128 | 0 | 23.30 | | 23.60 | 23.24 |
| | | | | | QPSK | 128 | 0 | 22.89 | | 23.15 | 23.13 |
| | | | | Edge_IRB Left | Pi/2 BPSK | 1 | 0 | 23.15 | | 23.50 | 23.57 |
| | | | | | QPSK | 1 | 0 | 22.67 | | 23.02 | 23.06 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 23.27 | | 23.60 | 23.66 |
| | | | | | QPSK | 2 | 0 | 22.78 | | 23.12 | 23.19 |
| | | | | Edge_IRB Right | Pi/2 BPSK | 1 | 132 | 22.92 | | 23.15 | 23.00 |
| | | | | | QPSK | 1 | 132 | 22.43 | | 22.61 | 22.54 |
| | | | | Edge_Full Right | Pi/2 BPSK | 2 | 131 | 23.02 | | 23.17 | 23.11 |
| QPSK | 2 | 131 | 22.50 | | | 22.59 | 22.62 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.27 | | 22.60 | 22.56 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 505200 (2526 MHz) | N/A | Mid Channel 518598 (2592.99 MHz) | N/A | High Channel 531996 (2659.98 MHz) | |
|---------|-----------|-----------------|------------|---------------|------------|-----------|-------------------------------|-------|----------------------------------|-------|-----------------------------------|-------|
| | | | | | QPSK | 1 | 1 | 23.39 | | 23.92 | | 23.87 |
| | | | | | 16QAM | 1 | 1 | 22.07 | | 22.60 | | 22.56 |
| | | | | | 64QAM | 1 | 1 | 20.87 | | 21.46 | | 21.42 |
| | | | | | 256QAM | 1 | 1 | 18.67 | | 19.19 | | 19.24 |
| | | | | Pi/2 BPSK | Inner_1RB | 1 | 160 | 23.26 | | 23.43 | | 22.86 |
| | | | | QPSK | | 1 | 160 | 23.28 | | 23.41 | | 22.81 |
| | | | | Pi/2 BPSK | Inner_Full | 81 | 40 | 23.66 | | 24.05 | | 23.67 |
| | | | | QPSK | | 81 | 40 | 23.62 | | 24.00 | | 23.58 |
| | | | | Pi/2 BPSK | Outer_Full | 162 | 0 | 23.14 | | 23.49 | | 23.15 |
| | | | | QPSK | | 162 | 0 | 23.10 | | 22.96 | | 23.08 |
| | | | | Pi/2 BPSK | Edge_1RB | 1 | 0 | 22.90 | | 23.40 | | 23.35 |
| | | | | QPSK | | 1 | 0 | 22.35 | | 22.88 | | 22.88 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 0 | 22.92 | | 23.42 | | 23.45 |
| | | | | QPSK | | 2 | 0 | 22.43 | | 22.99 | | 22.97 |
| | | | | Pi/2 BPSK | Edge_1RB | 1 | 161 | 22.67 | | 22.85 | | 23.06 |
| | | | | QPSK | | 1 | 161 | 22.18 | | 22.35 | | 22.60 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 160 | 22.77 | | 22.93 | | 23.17 |
| | | | | QPSK | | 2 | 160 | 22.26 | | 22.44 | | 22.68 |
| CP-OFDM | QPSK | Inner_1RB | Left | 1 | 1 | 22.47 | | 22.40 | | 22.55 | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 506202 (2531.01 MHz) | N/A | N/A | N/A | High Channel 531000 (2655 MHz) | |
|---------|-----------|-----------------|------------|---------------|------------|-----------|----------------------------------|-------|-----|-------|--------------------------------|-------|
| n41 | 30 | 70 | DFT-s-OFDM | Inner_1RB | Pi/2 BPSK | 1 | 1 | 23.61 | | | | 23.97 |
| | | | | | QPSK | 1 | 1 | 23.55 | | | | 23.87 |
| | | | | | 16QAM | 1 | 1 | 22.24 | | | | 22.71 |
| | | | | | 64QAM | 1 | 1 | 21.01 | | | | 21.57 |
| | | | | | 256QAM | 1 | 1 | 18.86 | | | | 19.37 |
| | | | | Pi/2 BPSK | Inner_1RB | 1 | 187 | 23.53 | | | | 22.72 |
| | | | | QPSK | | 1 | 187 | 23.39 | | | | 22.65 |
| | | | | Pi/2 BPSK | Inner_Full | 90 | 45 | 23.97 | | | | 22.79 |
| | | | | QPSK | | 90 | 45 | 23.89 | | | | 21.86 |
| | | | | Pi/2 BPSK | Outer_Full | 180 | 0 | 23.59 | | | | 23.62 |
| | | | | QPSK | | 180 | 0 | 23.12 | | | | 23.14 |
| | | | | Pi/2 BPSK | Edge_1RB | 1 | 0 | 23.03 | | | | 23.55 |
| | | | | QPSK | | 1 | 0 | 22.50 | | | | 23.03 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 0 | 23.14 | | | | 23.65 |
| | | | | QPSK | | 2 | 0 | 22.59 | | | | 23.16 |
| | | | | Pi/2 BPSK | Edge_1RB | 1 | 188 | 22.91 | | | | 22.28 |
| | | | | QPSK | | 1 | 188 | 22.36 | | | | 21.84 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 187 | 22.99 | | | | 22.41 |
| QPSK | 2 | 187 | 22.49 | | | | | 21.94 | | | | |
| CP-OFDM | QPSK | Inner_1RB | Left | 1 | 1 | 22.10 | | | | 22.48 | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 507204 (2536.02 MHz) | N/A | N/A | N/A | High Channel 529998 (2649.99 MHz) | |
|------|-----------|-----------------|-----------------|-----------------|----------------|-----------|----------------------------------|-------|-------|-----|-----------------------------------|-------|
| n41 | 30 | 80 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 23.67 | | | | 23.76 |
| | | | | | QPSK | 1 | 1 | 23.61 | | | | 23.69 |
| | | | | | 16QAM | 1 | 1 | 22.31 | | | | 22.52 |
| | | | | | 64QAM | 1 | 1 | 21.10 | | | | 21.52 |
| | | | | | 256QAM | 1 | 1 | 18.88 | | | | 19.42 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 215 | 23.66 | | | | 22.04 |
| | | | | | QPSK | 1 | 215 | 23.61 | | | | 21.98 |
| | | | | | Pi/2 BPSK | 108 | 54 | 23.95 | | | | 23.05 |
| | | | | | QPSK | 108 | 54 | 23.85 | | | | 22.35 |
| | | | | | Outer_Full | Pi/2 BPSK | 216 | 0 | 23.36 | | | |
| | | | QPSK | 216 | | 0 | 22.91 | | | | 22.72 | |
| | | | Edge_1RB Left | Pi/2 BPSK | | 1 | 0 | 23.14 | | | | 23.62 |
| | | | | QPSK | | 1 | 0 | 22.62 | | | | 23.13 |
| | | | Edge_Full Left | Pi/2 BPSK | | 2 | 0 | 23.20 | | | | 23.81 |
| | | | | QPSK | 2 | 0 | 22.72 | | | | 23.29 | |
| | | | Edge_1RB Right | Pi/2 BPSK | 1 | 216 | 23.19 | | | | 22.24 | |
| | | | | QPSK | 1 | 216 | 22.66 | | | | 21.80 | |
| | | | Edge_Full Right | Pi/2 BPSK | 2 | 215 | 23.16 | | | | 22.36 | |
| | | | | QPSK | 2 | 215 | 22.69 | | | | 21.89 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.18 | | | | 22.59 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 508200 (2541 MHz) | N/A | N/A | N/A | High Channel 528996 (2644.98 MHz) | | |
|------|-----------|-----------------|-----------------|-----------------|----------------|-----------|-------------------------------|-------|-------|-----|-----------------------------------|-------|-------|
| n41 | 30 | 90 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 23.78 | | | | 23.49 | |
| | | | | | QPSK | 1 | 1 | 23.73 | | | | 23.47 | |
| | | | | | 16QAM | 1 | 1 | 22.46 | | | | 23.17 | |
| | | | | | 64QAM | 1 | 1 | 21.20 | | | | 21.91 | |
| | | | | | 256QAM | 1 | 1 | 18.98 | | | | 19.68 | |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 243 | 24.00 | | | | 23.67 | |
| | | | | | QPSK | 1 | 243 | 23.93 | | | | 23.60 | |
| | | | | | Inner_Full | Pi/2 BPSK | 120 | 60 | 23.52 | | | | 23.51 |
| | | | | | | QPSK | 120 | 60 | 23.57 | | | | 23.49 |
| | | | | | Outer_Full | Pi/2 BPSK | 243 | 0 | 23.38 | | | | 23.83 |
| | | | QPSK | 243 | | 0 | 22.87 | | | | 23.31 | | |
| | | | Edge_1RB Left | Pi/2 BPSK | 1 | 0 | 23.32 | | | | 23.81 | | |
| | | | | QPSK | 1 | 0 | 22.79 | | | | 23.30 | | |
| | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 23.39 | | | | 23.92 | | |
| | | | | QPSK | 2 | 0 | 22.90 | | | | 23.38 | | |
| | | | Edge_1RB Right | Pi/2 BPSK | 1 | 244 | 23.47 | | | | 22.42 | | |
| | | | | QPSK | 1 | 244 | 23.01 | | | | 21.98 | | |
| | | | Edge_Full Right | Pi/2 BPSK | 2 | 243 | 23.58 | | | | 22.55 | | |
| | | | | QPSK | 2 | 243 | 23.10 | | | | 22.08 | | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 20.90 | | | | 22.16 | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 509202 (2546.01 MHz) | N/A | Mid Channel 518598 (2592.99 MHz) | N/A | High Channel 528000 (2640 MHz) | |
|------|-----------|-----------------|------------|---------------|--------------------|-------------------|----------------------------------|-------|----------------------------------|-------|--------------------------------|-------|
| n41 | 30 | 100 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 24.17 | | 24.50 | | 24.47 |
| | | | | QPSK | | 1 | 1 | 23.76 | | 23.71 | | 24.46 |
| | | | | 16QAM | | 1 | 1 | 22.43 | | 22.78 | | 23.08 |
| | | | | 64QAM | | 1 | 1 | 21.19 | | 21.68 | | 21.87 |
| | | | | 256QAM | | 1 | 1 | 18.66 | | 19.23 | | 19.33 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 271 | 24.16 | | 24.28 | | 24.23 |
| | | | | QPSK | | 1 | 271 | 24.11 | | 23.27 | | 24.11 |
| | | | | Pi/2 BPSK | Inner_Full | 135 | 67 | 24.03 | | 24.10 | | 23.68 |
| | | | | QPSK | | 135 | 67 | 23.75 | | 23.74 | | 23.60 |
| | | | | Pi/2 BPSK | Outer_Full | 270 | 0 | 23.43 | | 23.58 | | 23.66 |
| | | | | QPSK | | 270 | 0 | 22.93 | | 22.98 | | 23.36 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 23.28 | | 23.46 | | 23.84 |
| | | | | QPSK | | 1 | 0 | 22.76 | | 23.08 | | 23.29 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.33 | | 23.62 | | 24.00 |
| | | | | QPSK | | 2 | 0 | 22.86 | | 23.12 | | 23.48 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 272 | 23.57 | | 22.80 | | 22.41 |
| | | | | QPSK | | 1 | 272 | 23.07 | | 22.32 | | 21.94 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 271 | 23.71 | | 22.90 | | 22.54 |
| | | | | QPSK | | 2 | 271 | 23.18 | | 22.30 | | 22.05 |
| | | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.16 | | 22.24 | |

Appendix E.3.6 5G NR n48 Ant2

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 637334 (3560.01 MHz) | Low-Mid Channel 640222 (3603.33 MHz) | N/A | Mid-High Channel 643112 (3646.68 MHz) | High Channel 646000 (3690 MHz) | |
|------|-----------|-----------------|-----------------|-----------------|-----------|----------------|----------------------------------|--------------------------------------|-------|---------------------------------------|--------------------------------|-------|
| n48 | 30 | 20 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 21.33 | 21.59 | | 21.20 | 21.45 |
| | | | | | QPSK | 1 | 1 | 21.28 | 21.52 | | 21.37 | 21.38 |
| | | | | | 16QAM | 1 | 1 | 19.80 | 20.02 | | 20.00 | 19.91 |
| | | | | | 64QAM | 1 | 1 | 18.66 | 18.90 | | 18.91 | 18.79 |
| | | | | | 256QAM | 1 | 1 | 16.49 | 16.54 | | 16.71 | 16.41 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 49 | 21.39 | 21.35 | | 21.27 | 21.58 |
| | | | | | QPSK | 1 | 49 | 21.37 | 21.28 | | 21.15 | 21.40 |
| | | | | | Pi/2 BPSK | 25 | 12 | 21.33 | 21.41 | | 21.19 | 21.43 |
| | | | | Inner_Full | QPSK | 25 | 12 | 21.35 | 21.52 | | 21.08 | 21.42 |
| | | | | | Pi/2 BPSK | 50 | 0 | 20.43 | 20.76 | | 20.14 | 20.77 |
| | | | | Outer_Full | QPSK | 50 | 0 | 20.45 | 20.55 | | 20.08 | 20.45 |
| | | | | | Pi/2 BPSK | 1 | 0 | 20.14 | 20.54 | | 20.31 | 20.35 |
| | | | | Edge_1RB Left | QPSK | 1 | 0 | 20.19 | 20.43 | | 20.31 | 20.26 |
| | | | | | Pi/2 BPSK | 2 | 0 | 20.27 | 20.52 | | 20.41 | 20.40 |
| | | | | Edge_Full Left | QPSK | 2 | 0 | 20.27 | 20.54 | | 20.39 | 20.33 |
| | | | | | Pi/2 BPSK | 1 | 50 | 20.26 | 20.71 | | 20.27 | 20.76 |
| | | | | Edge_1RB Right | QPSK | 1 | 50 | 20.28 | 20.21 | | 19.55 | 20.25 |
| | | | | | Pi/2 BPSK | 2 | 49 | 20.36 | 20.51 | | 20.08 | 20.48 |
| | | | Edge_Full Right | QPSK | 2 | 49 | 20.37 | 20.30 | | 19.61 | 20.34 | |
| | | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 19.90 | 20.15 | | 19.90 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 637668 (3565.02 MHz) | Low-Mid Channel 640334 (3605.01 MHz) | N/A | Mid-High Channel 643000 (3645 MHz) | High Channel 645666 (3684.99 MHz) | |
|------|-----------|-----------------|------------|-----------------|----------------|-----------|----------------------------------|--------------------------------------|-------|------------------------------------|-----------------------------------|-------|
| n48 | 30 | 30 | DFT-s-OFDM | Inner_1RB Left | Pi/2 BPSK | 1 | 1 | 20.79 | 21.23 | | 21.27 | 21.25 |
| | | | | | QPSK | 1 | 1 | 20.68 | 21.12 | | 21.31 | 21.20 |
| | | | | | 16QAM | 1 | 1 | 19.56 | 19.66 | | 20.16 | 19.91 |
| | | | | | 64QAM | 1 | 1 | 18.05 | 18.56 | | 19.03 | 18.72 |
| | | | | | 256QAM | 1 | 1 | 16.17 | 16.21 | | 16.77 | 16.21 |
| | | | | Inner_1RB Right | Pi/2 BPSK | 1 | 76 | 20.87 | 21.02 | | 21.45 | 21.54 |
| | | | | | QPSK | 1 | 76 | 20.85 | 20.79 | | 20.69 | 21.35 |
| | | | | Inner_Full | Pi/2 BPSK | 36 | 18 | 20.80 | 20.96 | | 21.04 | 21.30 |
| | | | | | QPSK | 36 | 18 | 20.83 | 21.12 | | 20.93 | 21.28 |
| | | | | Outer_Full | Pi/2 BPSK | 75 | 0 | 20.01 | 20.27 | | 20.34 | 20.64 |
| | | | | | QPSK | 75 | 0 | 19.87 | 20.08 | | 19.81 | 20.38 |
| | | | | Edge_1RB Left | Pi/2 BPSK | 1 | 0 | 20.17 | 20.18 | | 20.17 | 20.28 |
| | | | | | QPSK | 1 | 0 | 19.57 | 20.05 | | 20.41 | 20.13 |
| | | | | Edge_Full Left | Pi/2 BPSK | 2 | 0 | 20.11 | 20.10 | | 20.17 | 20.24 |
| | | | | | QPSK | 2 | 0 | 19.63 | 20.11 | | 20.50 | 20.28 |
| | | | | Edge_1RB Right | Pi/2 BPSK | 1 | 77 | 20.12 | 20.35 | | 20.31 | 20.70 |
| | | | | | QPSK | 1 | 77 | 19.66 | 19.88 | | 19.80 | 20.15 |
| | | | | Edge_Full Right | Pi/2 BPSK | 2 | 76 | 20.05 | 20.04 | | 20.32 | 20.36 |
| | | | QPSK | | 2 | 76 | 19.67 | 19.93 | | 19.92 | 20.22 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 19.26 | 19.68 | | 19.91 | 19.75 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 638000 (3570 MHz) | N/A | Mid Channel 641666 (3624.99 MHz) | N/A | High Channel 645332 (3679.98 MHz) |
|------|-----------|-----------------|------------|---------------|------------|-----------|-------------------------------|-------|----------------------------------|-------|-----------------------------------|
| | | | | QPSK | | 1 | 1 | 21.39 | | 21.49 | 21.53 |
| | | | | 16QAM | | 1 | 1 | 19.78 | | 19.99 | 19.82 |
| | | | | 64QAM | | 1 | 1 | 18.63 | | 18.83 | 18.71 |
| | | | | 256QAM | | 1 | 1 | 16.40 | | 16.73 | 16.43 |
| | | | | Pi/2 BPSK | Inner_1RB | 1 | 104 | 21.15 | | 21.17 | 21.33 |
| | | | | QPSK | Right | 1 | 104 | 21.17 | | 21.16 | 21.30 |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 21.42 | | 21.57 | 21.44 |
| | | | | QPSK | | 50 | 25 | 21.41 | | 21.45 | 21.43 |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 20.49 | | 20.70 | 20.48 |
| | | | | QPSK | | 100 | 0 | 20.43 | | 20.57 | 20.44 |
| | | | | Pi/2 BPSK | Edge_1RB | 1 | 0 | 20.21 | | 20.41 | 20.28 |
| | | | | QPSK | Left | 1 | 0 | 20.14 | | 20.38 | 20.22 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 0 | 20.25 | | 20.54 | 20.32 |
| | | | | QPSK | Left | 2 | 0 | 20.23 | | 20.52 | 20.30 |
| | | | | Pi/2 BPSK | Edge_1RB | 1 | 105 | 20.11 | | 20.08 | 20.17 |
| | | | | QPSK | Right | 1 | 105 | 20.08 | | 20.04 | 20.18 |
| | | | | Pi/2 BPSK | Edge_Full | 2 | 104 | 20.21 | | 20.15 | 20.26 |
| | | | | QPSK | Right | 2 | 104 | 20.17 | | 20.14 | 20.29 |
| | | | CP-OFDM | QPSK | Inner_1RB | 1 | 1 | 19.96 | | 20.29 | 19.86 |
| | | | | | Left | | | | | | |

Appendix E.3.7 5G NR n66 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|---------------------|-------------------|---------------------|-------|
| | | | | | | | 342500 (1712.5 MHz) | 349000 (1745 MHz) | 355500 (1777.5 MHz) | |
| n66 | 15 | 5 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.30 | 23.26 | 23.05 |
| | | | | | | 1 | 1 | 23.35 | 23.28 | 23.06 |
| | | | | | | 1 | 1 | 22.21 | 22.10 | 21.99 |
| | | | | | | 1 | 1 | 20.93 | 20.82 | 20.59 |
| | | | | | | 1 | 1 | 18.08 | 18.17 | 17.80 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 23 | 23.25 | 23.20 | 23.05 |
| | | | | | | 1 | 23 | 23.22 | 23.22 | 22.98 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 23.28 | 23.18 | 23.15 |
| | | | | | | 12 | 6 | 23.24 | 23.20 | 22.97 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 22.30 | 22.79 | 22.44 |
| | | | | | | 25 | 0 | 22.35 | 22.25 | 22.02 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.37 | 22.78 | 22.49 |
| | | | | | | 1 | 0 | 22.36 | 22.32 | 22.05 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.34 | 22.82 | 22.39 |
| | | | | | | 2 | 0 | 22.36 | 22.35 | 22.09 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 24 | 22.23 | 22.72 | 22.43 |
| | | | | | | 1 | 24 | 22.22 | 22.22 | 21.97 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 22.27 | 22.71 | 22.36 |
| | | | 2 | | | 23 | 22.25 | 22.26 | 21.95 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.72 | 21.78 | 21.43 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|-------------------|-------------------|-------------------|-------|
| | | | | | | | 343000 (1715 MHz) | 349000 (1745 MHz) | 355000 (1775 MHz) | |
| n66 | 15 | 10 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.32 | 23.13 | 23.06 |
| | | | | | | 1 | 1 | 23.33 | 23.14 | 23.05 |
| | | | | | | 1 | 1 | 22.23 | 22.04 | 21.92 |
| | | | | | | 1 | 1 | 20.92 | 20.78 | 20.65 |
| | | | | | | 1 | 1 | 18.21 | 18.10 | 17.90 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 23 | 23.19 | 23.08 | 22.91 |
| | | | | | | 1 | 23 | 23.23 | 23.04 | 22.86 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 23.26 | 23.11 | 23.04 |
| | | | | | | 12 | 6 | 23.22 | 23.14 | 22.92 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 22.17 | 22.02 | 21.98 |
| | | | | | | 25 | 0 | 22.24 | 22.20 | 21.97 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.28 | 22.28 | 22.06 |
| | | | | | | 1 | 0 | 22.26 | 22.21 | 21.99 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.24 | 22.16 | 21.08 |
| | | | | | | 2 | 0 | 22.28 | 22.17 | 21.99 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 24 | 22.04 | 21.94 | 21.88 |
| | | | | | | 1 | 24 | 22.11 | 21.97 | 21.82 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 22.14 | 22.04 | 22.06 |
| | | | 2 | | | 23 | 22.12 | 22.01 | 21.84 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.90 | 21.85 | 21.59 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 343500 (1717.5 MHz) | Mid Channel 349000 (1745 MHz) | High Channel 354500 (1772.5 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|---------------------------------|-------------------------------|----------------------------------|-------|
| n66 | 15 | 15 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.40 | 23.35 | 23.17 |
| | | | | QPSK | | 1 | 1 | 23.36 | 23.38 | 23.12 |
| | | | | 16QAM | | 1 | 1 | 22.30 | 22.21 | 21.88 |
| | | | | 64QAM | | 1 | 1 | 20.97 | 20.96 | 20.69 |
| | | | | 256QAM | | 1 | 1 | 18.17 | 18.22 | 17.97 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 77 | 23.15 | 23.04 | 22.95 |
| | | | | QPSK | | 1 | 77 | 23.12 | 23.14 | 22.86 |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 23.14 | 23.30 | 23.15 |
| | | | | QPSK | | 36 | 18 | 23.10 | 23.24 | 22.98 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 22.28 | 22.11 | 21.96 |
| | | | | QPSK | | 75 | 0 | 22.26 | 22.15 | 21.99 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.38 | 22.24 | 22.05 |
| | | | | QPSK | | 1 | 0 | 22.30 | 22.28 | 22.07 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.49 | 22.40 | 22.03 |
| | | | | QPSK | | 2 | 0 | 22.31 | 22.30 | 22.06 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 78 | 22.07 | 22.50 | 21.92 |
| | | | | QPSK | | 1 | 78 | 22.04 | 22.10 | 21.81 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 77 | 22.01 | 22.11 | 22.82 |
| | | | | QPSK | | 2 | 77 | 21.99 | 22.11 | 21.83 |
| | | | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.92 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 344000 (1720 MHz) | Mid Channel 349000 (1745 MHz) | High Channel 354000 (1770 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n66 | 15 | 20 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.41 | 23.54 | 23.22 |
| | | | | QPSK | | 1 | 1 | 23.40 | 23.34 | 23.17 |
| | | | | 16QAM | | 1 | 1 | 22.37 | 22.21 | 22.05 |
| | | | | 64QAM | | 1 | 1 | 20.98 | 20.93 | 20.77 |
| | | | | 256QAM | | 1 | 1 | 18.03 | 18.22 | 17.96 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 104 | 23.16 | 23.11 | 23.01 |
| | | | | QPSK | | 1 | 104 | 23.08 | 23.00 | 22.82 |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 23.23 | 23.21 | 23.09 |
| | | | | QPSK | | 50 | 25 | 23.25 | 23.21 | 23.04 |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 22.31 | 22.18 | 22.18 |
| | | | | QPSK | | 100 | 0 | 22.25 | 22.14 | 22.08 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.41 | 22.17 | 22.17 |
| | | | | QPSK | | 1 | 0 | 22.31 | 22.24 | 22.14 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.40 | 22.31 | 22.14 |
| | | | | QPSK | | 2 | 0 | 22.31 | 22.25 | 22.14 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 105 | 21.96 | 21.98 | 21.81 |
| | | | | QPSK | | 1 | 105 | 22.01 | 21.87 | 21.78 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 104 | 22.06 | 21.98 | 21.84 |
| | | | | QPSK | | 2 | 104 | 22.04 | 21.89 | 21.78 |
| | | | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.80 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 344500 (1722.5 MHz) | Mid Channel 349000 (1745 MHz) | High Channel 353500 (1767.5 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------------|---------------------------------|-------------------------------|----------------------------------|-------|
| n66 | 15 | 25 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.18 | 23.30 | 23.38 |
| | | | | QPSK | | 1 | 1 | 23.28 | 23.45 | 23.45 |
| | | | | 16QAM | | 1 | 1 | 22.55 | 22.54 | 22.36 |
| | | | | 64QAM | | 1 | 1 | 20.55 | 21.23 | 21.13 |
| | | | | 256QAM | | 1 | 1 | 20.98 | 18.51 | 18.44 |
| | | | | Pi/2 BPSK | | Inner_IRB Right | 1 | 131 | 23.31 | 23.24 |
| | | | | QPSK | 1 | | 131 | 23.20 | 23.28 | 22.92 |
| | | | | Pi/2 BPSK | Inner_Full | 64 | 32 | 23.30 | 23.48 | 23.26 |
| | | | | QPSK | | 64 | 32 | 23.36 | 23.47 | 23.31 |
| | | | | Pi/2 BPSK | Outer_Full | 128 | 0 | 22.39 | 22.48 | 22.29 |
| | | | | QPSK | | 128 | 0 | 22.37 | 22.46 | 22.30 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.36 | 22.29 | 22.45 |
| | | | | QPSK | | 1 | 0 | 22.32 | 22.61 | 22.53 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.36 | 22.58 | 22.52 |
| | | | | QPSK | | 2 | 0 | 22.37 | 22.55 | 22.51 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 132 | 22.21 | 22.07 | 21.83 |
| | | | | QPSK | | 1 | 132 | 22.20 | 22.21 | 21.88 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 131 | 22.26 | 22.36 | 21.88 |
| | | | QPSK | 2 | | 131 | 22.27 | 22.42 | 21.96 | |
| | | | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.03 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 345000 (1725 MHz) | Mid Channel 349000 (1745 MHz) | High Channel 353000 (1765 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------------|-------------------------------|-------------------------------|--------------------------------|-------|
| n66 | 15 | 30 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.41 | 23.39 | 23.45 |
| | | | | QPSK | | 1 | 1 | 23.38 | 23.41 | 23.43 |
| | | | | 16QAM | | 1 | 1 | 22.35 | 22.31 | 22.40 |
| | | | | 64QAM | | 1 | 1 | 20.99 | 21.04 | 20.74 |
| | | | | 256QAM | | 1 | 1 | 18.35 | 18.32 | 18.36 |
| | | | | Pi/2 BPSK | | Inner_IRB Right | 1 | 158 | 23.35 | 23.18 |
| | | | | QPSK | 1 | | 158 | 23.36 | 23.17 | 23.09 |
| | | | | Pi/2 BPSK | Inner_Full | 80 | 40 | 23.27 | 23.28 | 23.03 |
| | | | | QPSK | | 80 | 40 | 23.37 | 23.35 | 23.15 |
| | | | | Pi/2 BPSK | Outer_Full | 160 | 0 | 22.31 | 22.28 | 22.17 |
| | | | | QPSK | | 160 | 0 | 22.31 | 22.28 | 22.14 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.35 | 22.39 | 22.41 |
| | | | | QPSK | | 1 | 0 | 22.32 | 22.38 | 22.35 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.32 | 22.38 | 22.47 |
| | | | | QPSK | | 2 | 0 | 22.36 | 22.35 | 22.46 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 159 | 22.38 | 22.16 | 22.14 |
| | | | | QPSK | | 1 | 159 | 22.31 | 22.12 | 22.01 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 158 | 22.38 | 22.12 | 22.12 |
| | | | QPSK | 2 | | 158 | 22.30 | 22.13 | 22.00 | |
| | | | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.91 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 346000 (1730 MHz) | Mid Channel 349000 (1745 MHz) | High Channel 352000 (1760 MHz) | |
|------|-----------|-----------------|------------|---------------|--------------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n66 | 15 | 40 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.42 | 23.32 | 23.39 |
| | | | | QPSK | | 1 | 1 | 23.43 | 23.55 | 23.46 |
| | | | | 16QAM | | 1 | 1 | 22.32 | 22.22 | 22.27 |
| | | | | 64QAM | | 1 | 1 | 20.93 | 20.94 | 20.96 |
| | | | | 256QAM | | 1 | 1 | 18.33 | 18.36 | 18.27 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 214 | 23.12 | 23.08 | 23.01 |
| | | | | QPSK | | 1 | 214 | 23.23 | 23.03 | 22.99 |
| | | | | Pi/2 BPSK | Inner_Full | 108 | 54 | 23.36 | 23.51 | 23.31 |
| | | | | QPSK | | 108 | 54 | 23.37 | 23.52 | 23.33 |
| | | | | Pi/2 BPSK | Outer_Full | 216 | 0 | 22.19 | 22.16 | 22.08 |
| | | | | QPSK | | 216 | 0 | 22.17 | 22.25 | 22.06 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.29 | 22.26 | 22.38 |
| | | | | QPSK | | 1 | 0 | 22.25 | 22.29 | 22.30 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 20.56 | 20.46 | 20.70 |
| | | | | QPSK | | 2 | 0 | 22.27 | 22.24 | 22.33 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 215 | 20.68 | 20.64 | 20.60 |
| | | | | QPSK | | 1 | 215 | 22.17 | 21.97 | 22.00 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 214 | 20.52 | 20.25 | 20.38 |
| | | | | QPSK | | 2 | 214 | 22.19 | 21.92 | 21.95 |
| | | | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.78 |

Appendix E.3.8 5G NR n71 Ant1,3

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | | RB allocation | RB Size | RB Offset | Low Channel 133100 (665.5 MHz) | Mid Channel 136100 (680.5 MHz) | High Channel 139100 (695.5 MHz) |
|------|-----------|-----------------|------------|-----------|-----------------|---------|-----------|--------------------------------|--------------------------------|---------------------------------|
| n71 | 15 | 5 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 22.76 | 22.58 | 22.72 |
| | | | | QPSK | | 1 | 1 | 22.83 | 22.61 | 22.83 |
| | | | | 16QAM | | 1 | 1 | 21.75 | 21.83 | 21.73 |
| | | | | 64QAM | | 1 | 1 | 20.36 | 20.55 | 20.44 |
| | | | | 256QAM | | 1 | 1 | 17.74 | 17.78 | 17.83 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 23 | 22.62 | 22.79 | 22.81 |
| | | | | QPSK | | 1 | 23 | 22.89 | 22.86 | 22.84 |
| | | | | Pi/2 BPSK | Inner_Full | 12 | 6 | 22.87 | 22.45 | 22.63 |
| | | | | QPSK | | 12 | 6 | 22.84 | 22.79 | 22.73 |
| | | | | Pi/2 BPSK | Outer_Full | 25 | 0 | 22.36 | 22.07 | 21.84 |
| | | | | QPSK | | 25 | 0 | 21.92 | 21.91 | 21.88 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.35 | 21.95 | 21.84 |
| | | | | QPSK | | 1 | 0 | 21.83 | 21.96 | 21.82 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.21 | 21.99 | 21.72 |
| | | | | QPSK | | 2 | 0 | 21.86 | 21.97 | 21.86 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 24 | 22.29 | 21.94 | 21.81 |
| | | | | QPSK | | 1 | 24 | 21.92 | 21.89 | 21.87 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 23 | 22.26 | 22.03 | 21.84 |
| | | | | QPSK | | 2 | 23 | 21.90 | 21.90 | 21.91 |
| | | | | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | | RB allocation | RB Size | RB Offset | Low Channel 133600 (668 MHz) | Mid Channel 136100 (680.5 MHz) | High Channel 138600 (693 MHz) |
|------|-----------|-----------------|------------|-----------|-----------------|---------|-----------|------------------------------|--------------------------------|-------------------------------|
| n71 | 15 | 10 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 22.70 | 22.75 | 22.56 |
| | | | | QPSK | | 1 | 1 | 22.75 | 22.86 | 22.72 |
| | | | | 16QAM | | 1 | 1 | 21.63 | 21.83 | 21.47 |
| | | | | 64QAM | | 1 | 1 | 20.39 | 20.53 | 20.31 |
| | | | | 256QAM | | 1 | 1 | 17.77 | 17.96 | 17.73 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 50 | 22.51 | 22.26 | 22.57 |
| | | | | QPSK | | 1 | 50 | 22.90 | 22.82 | 22.72 |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 22.68 | 22.65 | 22.64 |
| | | | | QPSK | | 25 | 12 | 22.75 | 22.75 | 22.66 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 22.19 | 21.95 | 21.80 |
| | | | | QPSK | | 50 | 0 | 21.98 | 21.86 | 21.71 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 21.86 | 21.89 | 21.56 |
| | | | | QPSK | | 1 | 0 | 21.73 | 21.80 | 21.66 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.98 | 21.82 | 21.68 |
| | | | | QPSK | | 2 | 0 | 21.80 | 21.82 | 21.69 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 51 | 21.94 | 20.31 | 21.69 |
| | | | | QPSK | | 1 | 51 | 21.84 | 21.74 | 21.68 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 50 | 22.07 | 21.73 | 21.68 |
| | | | | QPSK | | 2 | 50 | 21.86 | 21.77 | 21.68 |
| | | | | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | | RB allocation | RB Size | RB Offset | Low Channel 134100 (670.5 MHz) | Mid Channel 136100 (680.5 MHz) | High Channel 138100 (690.5 MHz) |
|------|-----------|-----------------|------------|-----------|-----------------|---------|-----------|--------------------------------|--------------------------------|---------------------------------|
| n71 | 15 | 15 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.76 | 22.76 | 22.59 |
| | | | | QPSK | | 1 | 1 | 22.69 | 22.85 | 22.69 |
| | | | | 16QAM | | 1 | 1 | 21.66 | 21.81 | 21.58 |
| | | | | 64QAM | | 1 | 1 | 20.37 | 20.51 | 20.32 |
| | | | | 256QAM | | 1 | 1 | 17.63 | 17.86 | 17.67 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 77 | 22.49 | 22.83 | 22.68 |
| | | | | QPSK | | 1 | 77 | 22.85 | 22.83 | 22.73 |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 22.83 | 22.62 | 22.51 |
| | | | | QPSK | | 36 | 18 | 22.83 | 22.63 | 22.69 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 22.27 | 22.04 | 21.63 |
| | | | | QPSK | | 75 | 0 | 21.85 | 21.97 | 21.72 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 21.87 | 21.91 | 21.56 |
| | | | | QPSK | | 1 | 0 | 21.67 | 21.83 | 21.67 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.95 | 21.84 | 21.74 |
| | | | | QPSK | | 2 | 0 | 21.82 | 21.84 | 21.68 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 78 | 21.95 | 21.77 | 21.57 |
| | | | | QPSK | | 1 | 78 | 21.83 | 21.78 | 21.67 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 77 | 21.94 | 21.93 | 21.72 |
| | | | | QPSK | | 2 | 77 | 21.88 | 21.86 | 21.68 |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.32 | 21.38 | 21.27 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | | RB allocation | RB Size | RB Offset | Low Channel 134600 (673 MHz) | Mid Channel 136100 (680.5 MHz) | High Channel 137600 (688 MHz) | |
|------|-----------|-----------------|------------|-----------|-----------------|----------------|-----------|------------------------------|--------------------------------|-------------------------------|-------|
| n71 | 15 | 20 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 22.58 | 22.78 | 22.77 | |
| | | | | QPSK | | 1 | 1 | 22.68 | 22.77 | 22.76 | |
| | | | | 16QAM | | 1 | 1 | 21.61 | 21.74 | 21.64 | |
| | | | | 64QAM | | 1 | 1 | 20.28 | 20.46 | 20.43 | |
| | | | | 256QAM | | 1 | 1 | 17.67 | 17.79 | 17.64 | |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 104 | 22.87 | 22.87 | 22.87 | |
| | | | | QPSK | | 1 | 104 | 22.95 | 22.98 | 22.97 | |
| | | | | 16QAM | | 1 | 104 | 21.78 | 21.83 | 21.57 | |
| | | | | 64QAM | | 1 | 104 | 20.52 | 20.56 | 20.27 | |
| | | | | 256QAM | | 1 | 104 | 17.63 | 17.69 | 17.48 | |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 22.76 | 22.81 | 22.62 | |
| | | | | QPSK | | 50 | 25 | 22.85 | 22.86 | 22.63 | |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 21.97 | 22.07 | 22.09 | |
| | | | | QPSK | | 100 | 0 | 21.87 | 21.99 | 21.59 | |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 21.94 | 21.78 | 21.71 | |
| | | | | QPSK | | 1 | 0 | 21.65 | 21.73 | 21.68 | |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 21.71 | 21.78 | 21.72 | |
| | | | | QPSK | | 2 | 0 | 21.63 | 21.75 | 21.68 | |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 105 | 21.82 | 21.84 | 21.56 | |
| | | | | QPSK | | 1 | 105 | 21.80 | 21.88 | 21.55 | |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 104 | 21.83 | 21.91 | 21.68 | |
| | | | | QPSK | | 2 | 104 | 21.85 | 21.88 | 21.58 | |
| | | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 21.26 | 21.39 | 21.25 |

Appendix E.3.9 5G NR n77 Ant2

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 647334 (3710.01 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 664666 (3969.99 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|----------------------------------|-------------------------------|-----------------------------------|-------|
| n77 | 30 | 20 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.43 | 23.38 | 23.65 |
| | | | | QPSK | | 1 | 1 | 23.39 | 23.31 | 23.64 |
| | | | | 16QAM | | 1 | 1 | 22.09 | 22.07 | 22.33 |
| | | | | 64QAM | | 1 | 1 | 20.89 | 20.90 | 21.21 |
| | | | | 256QAM | | 1 | 1 | 18.65 | 18.57 | 18.92 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 49 | 23.42 | 23.28 | 23.54 |
| | | | | QPSK | | 1 | 49 | 23.39 | 23.24 | 23.50 |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 23.57 | 23.47 | 23.62 |
| | | | | QPSK | | 25 | 12 | 23.50 | 23.38 | 23.66 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 23.00 | 22.87 | 23.20 |
| | | | | QPSK | | 50 | 0 | 22.47 | 22.37 | 22.67 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.82 | 22.83 | 23.08 |
| | | | | QPSK | | 1 | 0 | 22.34 | 22.34 | 22.57 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.91 | 22.93 | 23.17 |
| | | | | QPSK | | 2 | 0 | 22.41 | 22.42 | 22.65 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 50 | 22.79 | 22.72 | 22.88 |
| | | | | QPSK | | 1 | 50 | 22.28 | 22.21 | 22.40 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 49 | 22.87 | 22.82 | 22.99 |
| | | | QPSK | 2 | | 49 | 22.38 | 22.29 | 22.53 | |
| | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.04 | 22.01 | 22.30 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 647668 (3715.02 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 664332 (3964.98 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|----------------------------------|-------------------------------|-----------------------------------|-------|
| n77 | 30 | 30 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.51 | 23.45 | 23.60 |
| | | | | QPSK | | 1 | 1 | 23.47 | 23.39 | 23.66 |
| | | | | 16QAM | | 1 | 1 | 22.10 | 22.07 | 22.43 |
| | | | | 64QAM | | 1 | 1 | 20.94 | 20.91 | 21.28 |
| | | | | 256QAM | | 1 | 1 | 18.71 | 18.65 | 19.08 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 76 | 23.33 | 23.21 | 23.55 |
| | | | | QPSK | | 1 | 76 | 23.30 | 23.17 | 23.50 |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 23.61 | 23.49 | 23.61 |
| | | | | QPSK | | 36 | 18 | 23.53 | 23.39 | 23.65 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 22.97 | 22.91 | 23.32 |
| | | | | QPSK | | 75 | 0 | 22.44 | 22.38 | 22.81 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.88 | 22.88 | 23.29 |
| | | | | QPSK | | 1 | 0 | 22.41 | 22.35 | 22.73 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.97 | 22.93 | 23.33 |
| | | | | QPSK | | 2 | 0 | 22.48 | 22.45 | 22.85 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 77 | 22.68 | 22.67 | 22.95 |
| | | | | QPSK | | 1 | 77 | 22.18 | 22.17 | 22.46 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 76 | 22.77 | 22.77 | 23.05 |
| | | | QPSK | 2 | | 76 | 22.27 | 22.26 | 22.54 | |
| | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.08 | 22.04 | 22.48 |



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| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 648000 (3720 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 664000 (3960 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n77 | 30 | 40 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.45 | 23.44 | 23.62 |
| | | | | QPSK | | 1 | 1 | 23.41 | 23.39 | 23.66 |
| | | | | 16QAM | | 1 | 1 | 22.10 | 22.06 | 22.31 |
| | | | | 64QAM | | 1 | 1 | 20.93 | 20.84 | 21.18 |
| | | | | 256QAM | | 1 | 1 | 18.70 | 18.65 | 18.92 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 104 | 23.03 | 23.17 | 23.35 |
| | | | | QPSK | | 1 | 104 | 22.94 | 23.12 | 23.30 |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 23.61 | 23.49 | 23.62 |
| | | | | QPSK | | 50 | 25 | 23.47 | 23.37 | 23.63 |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 22.96 | 22.91 | 23.25 |
| | | | | QPSK | | 100 | 0 | 22.41 | 22.34 | 22.70 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.86 | 22.85 | 23.09 |
| | | | | QPSK | | 1 | 0 | 22.39 | 22.35 | 22.60 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.95 | 22.92 | 23.19 |
| | | | | QPSK | | 2 | 0 | 22.45 | 22.42 | 22.68 |
| | | | Pi/2 BPSK | Edge_1RB Right | 1 | 105 | 22.42 | 22.56 | 22.78 | |
| | | | QPSK | | 1 | 105 | 21.93 | 22.05 | 22.28 | |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 104 | 22.51 | 22.66 | 22.88 | |
| QPSK | 2 | 104 | 22.01 | | 22.14 | 22.37 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.04 | 22.01 | 22.45 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 648334 (3725.01 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 663666 (3954.99 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|-------------------------------|-----------------------------------|-------|
| n77 | 30 | 50 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.44 | 23.38 | 23.63 |
| | | | | QPSK | | 1 | 1 | 23.24 | 23.38 | 23.61 |
| | | | | 16QAM | | 1 | 1 | 22.11 | 22.04 | 22.29 |
| | | | | 64QAM | | 1 | 1 | 20.86 | 20.85 | 21.15 |
| | | | | 256QAM | | 1 | 1 | 18.96 | 18.64 | 18.87 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 131 | 22.94 | 23.06 | 23.26 |
| | | | | QPSK | | 1 | 131 | 22.87 | 23.01 | 23.21 |
| | | | | Pi/2 BPSK | Inner_Full | 64 | 32 | 23.55 | 23.46 | 23.60 |
| | | | | QPSK | | 64 | 32 | 23.36 | 23.34 | 23.66 |
| | | | | Pi/2 BPSK | Outer_Full | 128 | 0 | 23.03 | 22.78 | 23.18 |
| | | | | QPSK | | 128 | 0 | 22.35 | 22.28 | 22.70 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.86 | 22.76 | 23.06 |
| | | | | QPSK | | 1 | 0 | 22.43 | 22.34 | 22.56 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.02 | 22.86 | 23.16 |
| | | | | QPSK | | 2 | 0 | 22.58 | 22.34 | 22.66 |
| | | | Pi/2 BPSK | Edge_1RB Right | 1 | 132 | 22.13 | 22.45 | 22.67 | |
| | | | QPSK | | 1 | 132 | 21.77 | 21.95 | 22.17 | |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 131 | 22.15 | 22.55 | 22.77 | |
| QPSK | 2 | 131 | 21.70 | | 22.03 | 22.24 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.20 | 22.02 | 22.51 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 648668 (3730.02 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 663332 (3949.98 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|-------------------------------|-----------------------------------|-------|
| n77 | 30 | 60 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.41 | 23.38 | 23.63 |
| | | | | QPSK | | 1 | 1 | 23.45 | 23.33 | 23.59 |
| | | | | 16QAM | | 1 | 1 | 21.95 | 22.05 | 22.41 |
| | | | | 64QAM | | 1 | 1 | 20.87 | 20.84 | 21.17 |
| | | | | 256QAM | | 1 | 1 | 18.96 | 18.63 | 18.99 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 160 | 22.75 | 23.10 | 23.62 |
| | | | | QPSK | | 1 | 160 | 22.76 | 23.06 | 23.62 |
| | | | | Pi/2 BPSK | Inner_Full | 81 | 40 | 23.63 | 23.27 | 23.60 |
| | | | | QPSK | | 81 | 40 | 23.65 | 23.18 | 23.65 |
| | | | | Pi/2 BPSK | Outer_Full | 162 | 0 | 22.95 | 22.76 | 23.34 |
| | | | | QPSK | | 162 | 0 | 22.58 | 22.27 | 22.90 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 22.87 | 22.85 | 23.19 |
| | | | | QPSK | | 1 | 0 | 22.47 | 22.30 | 22.64 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.21 | 22.90 | 23.28 |
| | | | | QPSK | | 2 | 0 | 22.34 | 22.39 | 22.70 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 161 | 22.49 | 22.46 | 23.07 |
| | | | | QPSK | | 1 | 161 | 21.71 | 21.95 | 22.56 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 160 | 22.31 | 22.55 | 23.16 | |
| QPSK | 2 | 160 | 21.93 | | 22.03 | 22.64 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.23 | 22.05 | 22.36 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 649000 (3735 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 663000 (3945 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n77 | 30 | 70 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.47 | 23.56 | 23.60 |
| | | | | QPSK | | 1 | 1 | 23.46 | 23.51 | 23.65 |
| | | | | 16QAM | | 1 | 1 | 22.10 | 22.17 | 22.36 |
| | | | | 64QAM | | 1 | 1 | 20.75 | 21.01 | 21.16 |
| | | | | 256QAM | | 1 | 1 | 18.55 | 18.82 | 18.98 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 187 | 22.89 | 23.14 | 23.61 |
| | | | | QPSK | | 1 | 187 | 23.20 | 23.09 | 23.61 |
| | | | | Pi/2 BPSK | Inner_Full | 90 | 45 | 23.54 | 23.54 | 23.62 |
| | | | | QPSK | | 90 | 45 | 23.49 | 23.47 | 23.65 |
| | | | | Pi/2 BPSK | Outer_Full | 180 | 0 | 23.11 | 22.98 | 23.43 |
| | | | | QPSK | | 180 | 0 | 22.85 | 22.45 | 22.91 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 23.31 | 22.99 | 23.12 |
| | | | | QPSK | | 1 | 0 | 22.83 | 22.42 | 22.64 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.41 | 23.10 | 23.21 |
| | | | | QPSK | | 2 | 0 | 22.51 | 22.52 | 22.71 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 188 | 22.68 | 22.50 | 23.17 |
| | | | | QPSK | | 1 | 188 | 22.19 | 21.99 | 22.65 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 187 | 22.71 | 22.59 | 23.16 | |
| QPSK | 2 | 187 | 22.34 | | 22.07 | 22.64 | | | | |
| CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.05 | 22.16 | 22.28 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 649334 (3740.01 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 662666 (3939.99 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|-------------------------------|-----------------------------------|-------|
| n77 | 30 | 80 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.59 | 23.50 | 23.60 |
| | | | | QPSK | | 1 | 1 | 23.66 | 23.46 | 23.65 |
| | | | | 16QAM | | 1 | 1 | 21.96 | 22.17 | 22.36 |
| | | | | 64QAM | | 1 | 1 | 21.53 | 20.97 | 21.17 |
| | | | | 256QAM | 1 | 1 | 18.71 | 18.80 | 18.99 | |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 215 | 22.97 | 23.07 | 23.62 |
| | | | | QPSK | | 1 | 215 | 23.24 | 23.02 | 23.59 |
| | | | | Pi/2 BPSK | Inner_Full | 108 | 54 | 23.55 | 23.47 | 23.63 |
| | | | | QPSK | | 108 | 54 | 23.26 | 23.45 | 23.56 |
| | | | | Pi/2 BPSK | Outer_Full | 216 | 0 | 23.37 | 22.90 | 23.39 |
| | | | | QPSK | | 216 | 0 | 22.71 | 22.40 | 22.91 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.95 | 22.98 | 23.13 |
| | | | | QPSK | | 1 | 0 | 22.33 | 22.42 | 22.63 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.19 | 23.08 | 23.23 |
| | | | | QPSK | | 2 | 0 | 22.53 | 22.52 | 22.72 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 216 | 22.51 | 22.44 | 23.04 |
| | | | | QPSK | | 1 | 216 | 21.94 | 22.00 | 22.53 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 215 | 22.85 | 22.55 | 23.13 | |
| QPSK | 2 | 215 | 22.08 | | 22.04 | 22.61 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.86 | 22.12 | 22.33 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 649668 (3745.02 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 662332 (3934.98 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|-------------------------------|-----------------------------------|-------|
| n77 | 30 | 90 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.65 | 23.59 | 23.66 |
| | | | | QPSK | | 1 | 1 | 23.62 | 23.53 | 23.63 |
| | | | | 16QAM | | 1 | 1 | 22.43 | 22.21 | 22.38 |
| | | | | 64QAM | | 1 | 1 | 21.21 | 21.00 | 21.17 |
| | | | | 256QAM | 1 | 1 | 18.65 | 18.83 | 19.07 | |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 243 | 23.07 | 23.12 | 23.53 |
| | | | | QPSK | | 1 | 243 | 23.20 | 23.07 | 23.49 |
| | | | | Pi/2 BPSK | Inner_Full | 120 | 60 | 23.43 | 23.44 | 23.26 |
| | | | | QPSK | | 120 | 60 | 23.44 | 23.44 | 23.28 |
| | | | | Pi/2 BPSK | Outer_Full | 243 | 0 | 23.34 | 22.91 | 23.37 |
| | | | | QPSK | | 243 | 0 | 22.34 | 22.41 | 22.85 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 23.11 | 23.08 | 23.25 |
| | | | | QPSK | | 1 | 0 | 22.75 | 22.59 | 22.76 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.53 | 23.16 | 23.35 |
| | | | | QPSK | | 2 | 0 | 22.77 | 22.65 | 22.85 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 244 | 22.82 | 22.57 | 23.02 |
| | | | | QPSK | | 1 | 244 | 22.33 | 22.10 | 22.51 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 243 | 22.78 | 22.74 | 23.12 | |
| QPSK | 2 | 243 | 22.40 | | 22.24 | 22.62 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.33 | 22.23 | 22.38 | | | |



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| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 650000 (3750 MHz) | Mid Channel 656000 (3840 MHz) | High Channel 662000 (3930 MHz) | |
|------|-----------|-----------------|------------|---------------|-----------------|-----------|-------------------------------|-------------------------------|--------------------------------|-------|
| n77 | 30 | 100 | DFT-s-OFDM | Pi/2 BPSK | Inner_1RB Left | 1 | 1 | 23.69 | 23.75 | 23.67 |
| | | | | QPSK | | 1 | 1 | 23.58 | 23.73 | 23.63 |
| | | | | 16QAM | | 1 | 1 | 22.41 | 22.58 | 22.64 |
| | | | | 64QAM | | 1 | 1 | 21.38 | 21.47 | 21.52 |
| | | | | 256QAM | | 1 | 1 | 19.36 | 18.86 | 19.01 |
| | | | | Pi/2 BPSK | Inner_1RB Right | 1 | 271 | 23.57 | 23.54 | 23.45 |
| | | | | QPSK | | 1 | 271 | 23.66 | 23.41 | 23.49 |
| | | | | Pi/2 BPSK | Inner_Full | 135 | 67 | 23.49 | 23.50 | 23.29 |
| | | | | QPSK | | 135 | 67 | 23.17 | 23.21 | 23.28 |
| | | | | Pi/2 BPSK | Outer_Full | 270 | 0 | 23.30 | 23.30 | 23.46 |
| | | | | QPSK | | 270 | 0 | 22.86 | 22.82 | 23.27 |
| | | | | Pi/2 BPSK | Edge_1RB Left | 1 | 0 | 23.25 | 23.37 | 23.49 |
| | | | | QPSK | | 1 | 0 | 22.69 | 22.77 | 22.99 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.33 | 23.48 | 23.59 |
| | | | | QPSK | | 2 | 0 | 22.82 | 22.88 | 23.07 |
| | | | | Pi/2 BPSK | Edge_1RB Right | 1 | 272 | 22.94 | 22.88 | 23.32 |
| | | | | QPSK | | 1 | 272 | 22.69 | 22.38 | 22.86 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 271 | 22.93 | 23.00 | 23.45 |
| | | | QPSK | 2 | | 271 | 22.62 | 22.47 | 22.94 | |
| | | | CP-OFDM | QPSK | Inner_1RB Left | 1 | 1 | 22.71 | 22.69 | 22.52 |

Appendix E.3.10 5G NR n77 DoD Ant2

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 630668 (3460.02 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 636000 (3540 MHz) | |
|---------|-----------|-----------------|------------|---------------|-----------------|-----------|----------------------------------|----------------------------------|--------------------------------|-------|
| n77 DoD | 30 | 20 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 22.97 | 22.64 | 23.26 |
| | | | | QPSK | | 1 | 1 | 22.93 | 23.05 | 23.20 |
| | | | | 16QAM | | 1 | 1 | 21.63 | 22.12 | 21.90 |
| | | | | 64QAM | | 1 | 1 | 20.43 | 20.98 | 20.73 |
| | | | | 256QAM | | 1 | 1 | 18.25 | 17.95 | 18.17 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 49 | 22.94 | 22.99 | 22.73 |
| | | | | QPSK | 1 | 49 | 22.90 | 23.02 | 22.70 | |
| | | | | Pi/2 BPSK | Inner_Full | 25 | 12 | 23.01 | 23.02 | 23.12 |
| | | | | QPSK | | 25 | 12 | 23.00 | 23.01 | 23.04 |
| | | | | Pi/2 BPSK | Outer_Full | 50 | 0 | 22.54 | 23.10 | 22.54 |
| | | | | QPSK | | 50 | 0 | 22.02 | 22.55 | 22.00 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.38 | 22.87 | 22.63 |
| | | | | QPSK | | 1 | 0 | 21.88 | 22.38 | 22.14 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.46 | 22.98 | 22.72 |
| | | | | QPSK | | 2 | 0 | 21.94 | 22.45 | 22.21 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 50 | 22.37 | 22.91 | 22.09 |
| | | | | QPSK | | 1 | 50 | 21.86 | 22.39 | 21.64 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 49 | 22.46 | 22.98 | 22.21 |
| | | | QPSK | 2 | | 49 | 21.93 | 22.47 | 21.74 | |
| | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.60 | 22.12 | 21.88 |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 631000 (3465 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 635666 (3534.99 MHz) | |
|---------|-----------|-----------------|------------|---------------|-----------------|-----------|-------------------------------|----------------------------------|-----------------------------------|-------|
| n77 DoD | 30 | 30 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.09 | 23.53 | 23.40 |
| | | | | QPSK | | 1 | 1 | 23.05 | 23.48 | 23.53 |
| | | | | 16QAM | | 1 | 1 | 21.66 | 22.16 | 22.37 |
| | | | | 64QAM | | 1 | 1 | 20.51 | 21.04 | 21.18 |
| | | | | 256QAM | | 1 | 1 | 18.34 | 18.22 | 18.34 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 76 | 23.17 | 23.56 | 22.89 |
| | | | | QPSK | 1 | 76 | 23.12 | 23.55 | 22.84 | |
| | | | | Pi/2 BPSK | Inner_Full | 36 | 18 | 23.16 | 23.60 | 23.50 |
| | | | | QPSK | | 36 | 18 | 23.10 | 23.52 | 23.41 |
| | | | | Pi/2 BPSK | Outer_Full | 75 | 0 | 22.62 | 23.14 | 22.86 |
| | | | | QPSK | | 75 | 0 | 22.08 | 22.64 | 22.36 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.46 | 22.93 | 23.02 |
| | | | | QPSK | | 1 | 0 | 21.97 | 22.43 | 22.64 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.56 | 23.02 | 23.21 |
| | | | | QPSK | | 2 | 0 | 22.06 | 22.51 | 22.70 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 77 | 22.56 | 22.96 | 22.26 |
| | | | | QPSK | | 1 | 77 | 22.06 | 22.45 | 21.78 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 76 | 22.65 | 23.04 | 22.38 |
| | | | QPSK | 2 | | 76 | 22.14 | 22.59 | 21.87 | |
| | | | CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.63 | 22.18 | 22.30 |



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| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 634334 (3470.01 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 635332 (3529.98 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|----------------------------------|-----------------------------------|-------|
| n77 DoD | 30 | 40 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.01 | 23.18 | 23.27 |
| | | | | QPSK | | 1 | 1 | 23.05 | 23.13 | 23.23 |
| | | | | 16QAM | | 1 | 1 | 21.55 | 21.77 | 21.90 |
| | | | | 64QAM | | 1 | 1 | 20.40 | 20.62 | 20.76 |
| | | | | 256QAM | | 1 | 1 | 18.26 | 18.14 | 18.14 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 104 | 23.21 | 23.10 | 23.13 |
| | | | | QPSK | | 1 | 104 | 23.19 | 23.06 | 23.08 |
| | | | | Pi/2 BPSK | Inner_Full | 50 | 25 | 23.37 | 23.27 | 23.54 |
| | | | | QPSK | | 50 | 25 | 23.21 | 23.16 | 23.45 |
| | | | | Pi/2 BPSK | Outer_Full | 100 | 0 | 22.57 | 22.67 | 22.90 |
| | | | | QPSK | | 100 | 0 | 22.59 | 22.15 | 22.40 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.43 | 22.60 | 22.64 |
| | | | | QPSK | | 1 | 0 | 22.47 | 22.06 | 22.08 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.53 | 22.62 | 22.73 |
| | | | | QPSK | | 2 | 0 | 22.15 | 22.13 | 22.28 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 105 | 22.45 | 22.48 | 22.54 |
| | | | | QPSK | | 1 | 105 | 22.07 | 21.97 | 22.03 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 104 | 22.53 | 22.56 | 22.65 | |
| QPSK | 2 | 104 | 22.10 | | 22.05 | 22.13 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 21.69 | 21.73 | 21.90 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 631668 (3475.02 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 635000 (3525 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|----------------------------------|--------------------------------|-------|
| n77 DoD | 30 | 50 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.42 | 23.35 | 23.18 |
| | | | | QPSK | | 1 | 1 | 23.40 | 23.31 | 23.18 |
| | | | | 16QAM | | 1 | 1 | 22.14 | 22.01 | 21.86 |
| | | | | 64QAM | | 1 | 1 | 21.05 | 20.89 | 20.73 |
| | | | | 256QAM | | 1 | 1 | 18.44 | 18.34 | 18.22 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 131 | 22.90 | 23.23 | 23.16 |
| | | | | QPSK | | 1 | 131 | 22.86 | 23.19 | 23.10 |
| | | | | Pi/2 BPSK | Inner_Full | 64 | 32 | 23.46 | 23.38 | 23.51 |
| | | | | QPSK | | 64 | 32 | 23.40 | 23.32 | 23.46 |
| | | | | Pi/2 BPSK | Outer_Full | 128 | 0 | 22.84 | 22.73 | 22.92 |
| | | | | QPSK | | 128 | 0 | 22.33 | 22.31 | 22.31 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.95 | 22.78 | 22.62 |
| | | | | QPSK | | 1 | 0 | 22.44 | 22.27 | 22.16 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.04 | 22.88 | 22.76 |
| | | | | QPSK | | 2 | 0 | 22.51 | 22.37 | 22.24 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 132 | 22.33 | 22.68 | 22.54 |
| | | | | QPSK | | 1 | 132 | 21.82 | 22.16 | 22.08 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 131 | 22.43 | 22.76 | 22.71 | |
| QPSK | 2 | 131 | 21.90 | | 22.23 | 22.17 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.29 | 22.10 | 21.89 | | | |



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| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 632000 (3480 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 634666 (3519.99 MHz) | |
|---------|-----------|-----------------|------------|---------------|-----------------|-----------|-------------------------------|----------------------------------|-----------------------------------|-------|
| n77 DoD | 30 | 60 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.38 | 23.21 | 22.99 |
| | | | | QPSK | | 1 | 1 | 23.36 | 23.18 | 23.03 |
| | | | | 16QAM | | 1 | 1 | 21.97 | 21.80 | 21.67 |
| | | | | 64QAM | | 1 | 1 | 20.85 | 20.71 | 20.49 |
| | | | | 256QAM | | 1 | 1 | 18.31 | 18.17 | 17.95 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 160 | 22.78 | 23.05 | 22.97 |
| | | | | QPSK | | 1 | 160 | 22.72 | 23.02 | 22.94 |
| | | | | Pi/2 BPSK | Inner_Full | 81 | 40 | 23.15 | 23.06 | 23.22 |
| | | | | QPSK | | 81 | 40 | 23.07 | 22.99 | 23.16 |
| | | | | Pi/2 BPSK | Outer_Full | 162 | 0 | 22.67 | 22.63 | 22.61 |
| | | | | QPSK | | 162 | 0 | 22.12 | 22.11 | 22.11 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.82 | 22.61 | 22.43 |
| | | | | QPSK | | 1 | 0 | 22.31 | 22.11 | 21.95 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.91 | 22.71 | 22.52 |
| | | | | QPSK | | 2 | 0 | 22.38 | 22.18 | 22.01 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 161 | 22.15 | 22.43 | 22.37 |
| | | | | QPSK | | 1 | 161 | 21.70 | 21.92 | 21.86 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 160 | 22.31 | 22.53 | 22.46 |
| | | | QPSK | 2 | | 160 | 21.78 | 22.04 | 21.93 | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.08 | 21.89 | 21.73 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 632334 (3485.01 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 634332 (3514.98 MHz) | |
|---------|-----------|-----------------|------------|---------------|-----------------|-----------|----------------------------------|----------------------------------|-----------------------------------|-------|
| n77 DoD | 30 | 70 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.44 | 23.36 | 23.28 |
| | | | | QPSK | | 1 | 1 | 23.40 | 23.34 | 23.23 |
| | | | | 16QAM | | 1 | 1 | 22.08 | 21.97 | 21.88 |
| | | | | 64QAM | | 1 | 1 | 20.93 | 20.88 | 20.78 |
| | | | | 256QAM | | 1 | 1 | 18.35 | 18.24 | 18.19 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 187 | 22.87 | 22.97 | 22.99 |
| | | | | QPSK | | 1 | 187 | 22.84 | 22.97 | 22.94 |
| | | | | Pi/2 BPSK | Inner_Full | 90 | 45 | 23.30 | 23.34 | 23.46 |
| | | | | QPSK | | 90 | 45 | 23.26 | 23.25 | 23.37 |
| | | | | Pi/2 BPSK | Outer_Full | 180 | 0 | 22.75 | 22.81 | 22.87 |
| | | | | QPSK | | 180 | 0 | 22.25 | 22.29 | 22.33 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.77 | 22.79 | 22.71 |
| | | | | QPSK | | 1 | 0 | 22.26 | 22.30 | 22.18 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.88 | 22.89 | 22.80 |
| | | | | QPSK | | 2 | 0 | 22.36 | 22.38 | 22.28 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 188 | 22.30 | 22.42 | 22.47 |
| | | | | QPSK | | 1 | 188 | 21.80 | 21.89 | 21.88 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 187 | 22.42 | 22.53 | 22.46 |
| | | | QPSK | 2 | | 187 | 21.88 | 22.02 | 21.94 | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.05 | 22.00 | 21.89 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 632668 (3490.02 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 634000 (3510 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|----------------------------------|----------------------------------|--------------------------------|-------|
| n77 DoD | 30 | 80 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.38 | 23.43 | 23.38 |
| | | | | QPSK | | 1 | 1 | 23.38 | 23.36 | 23.34 |
| | | | | 16QAM | | 1 | 1 | 22.02 | 22.02 | 22.03 |
| | | | | 64QAM | | 1 | 1 | 20.90 | 20.94 | 20.90 |
| | | | | 256QAM | | 1 | 1 | 18.36 | 18.30 | 18.28 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 215 | 23.01 | 22.98 | 22.98 |
| | | | | QPSK | | 1 | 215 | 22.97 | 22.94 | 22.95 |
| | | | | Pi/2 BPSK | Inner_Full | 108 | 54 | 23.37 | 23.36 | 23.43 |
| | | | | QPSK | | 108 | 54 | 23.31 | 23.27 | 23.32 |
| | | | | Pi/2 BPSK | Outer_Full | 216 | 0 | 22.78 | 22.76 | 22.77 |
| | | | | QPSK | | 216 | 0 | 22.26 | 22.25 | 22.29 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.84 | 22.74 | 22.74 |
| | | | | QPSK | | 1 | 0 | 22.34 | 22.25 | 22.24 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 22.90 | 22.82 | 22.80 |
| | | | | QPSK | | 2 | 0 | 22.38 | 22.41 | 22.33 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 216 | 22.40 | 22.38 | 22.36 |
| | | | | QPSK | | 1 | 216 | 21.91 | 21.91 | 21.85 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 215 | 22.50 | 22.51 | 22.44 | |
| QPSK | 2 | 215 | 21.97 | | 21.97 | 21.94 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.01 | 22.09 | 21.98 | | | |

| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | Low Channel 633000 (3495 MHz) | Mid Channel 633334 (3500.01 MHz) | High Channel 633666 (3504.99 MHz) | |
|---------|-----------|-----------------|------------|-----------------|-----------------|-----------|-------------------------------|----------------------------------|-----------------------------------|-------|
| n77 DoD | 30 | 90 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | 23.45 | 23.51 | 23.45 |
| | | | | QPSK | | 1 | 1 | 23.40 | 23.47 | 23.34 |
| | | | | 16QAM | | 1 | 1 | 22.08 | 22.13 | 22.14 |
| | | | | 64QAM | | 1 | 1 | 20.97 | 21.04 | 20.96 |
| | | | | 256QAM | | 1 | 1 | 18.30 | 18.45 | 18.25 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 243 | 22.97 | 22.94 | 22.92 |
| | | | | QPSK | | 1 | 243 | 22.93 | 22.89 | 22.87 |
| | | | | Pi/2 BPSK | Inner_Full | 120 | 60 | 23.41 | 23.44 | 23.43 |
| | | | | QPSK | | 120 | 60 | 23.43 | 23.44 | 23.43 |
| | | | | Pi/2 BPSK | Outer_Full | 243 | 0 | 22.75 | 22.81 | 22.86 |
| | | | | QPSK | | 243 | 0 | 22.23 | 22.27 | 22.28 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | 22.92 | 23.03 | 22.88 |
| | | | | QPSK | | 1 | 0 | 22.43 | 22.53 | 22.38 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | 23.04 | 23.11 | 22.99 |
| | | | | QPSK | | 2 | 0 | 22.51 | 22.60 | 22.45 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 244 | 22.52 | 22.44 | 22.41 |
| | | | | QPSK | | 1 | 244 | 22.00 | 21.94 | 21.93 |
| | | | Pi/2 BPSK | Edge_Full Right | 2 | 243 | 22.62 | 22.55 | 22.51 | |
| QPSK | 2 | 243 | 22.09 | | 22.01 | 21.99 | | | | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | 22.15 | 22.07 | 22.07 | | | |



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| Band | SCS (KHz) | Bandwidth (MHz) | Modulation | RB allocation | RB Size | RB Offset | N/A | Mid Channel 633334 (3500.01 MHz) | N/A |
|---------|-----------|-----------------|------------|---------------|-----------------|-----------|-----|----------------------------------|-------|
| n77 DoD | 30 | 100 | DFT-s-OFDM | Pi/2 BPSK | Inner_IRB Left | 1 | 1 | | 23.62 |
| | | | | QPSK | | 1 | 1 | | 23.54 |
| | | | | 16QAM | | 1 | 1 | | 22.14 |
| | | | | 64QAM | | 1 | 1 | | 21.11 |
| | | | | 256QAM | | 1 | 1 | | 18.58 |
| | | | | Pi/2 BPSK | Inner_IRB Right | 1 | 271 | | 22.81 |
| | | | | QPSK | | 1 | 271 | | 22.79 |
| | | | | Pi/2 BPSK | Inner_Full | 135 | 67 | | 23.46 |
| | | | | QPSK | | 135 | 67 | | 23.15 |
| | | | | Pi/2 BPSK | Outer_Full | 270 | 0 | | 22.78 |
| | | | | QPSK | | 270 | 0 | | 22.30 |
| | | | | Pi/2 BPSK | Edge_IRB Left | 1 | 0 | | 22.83 |
| | | | | QPSK | | 1 | 0 | | 22.36 |
| | | | | Pi/2 BPSK | Edge_Full Left | 2 | 0 | | 22.96 |
| | | | | QPSK | | 2 | 0 | | 22.40 |
| | | | | Pi/2 BPSK | Edge_IRB Right | 1 | 272 | | 22.29 |
| | | | | QPSK | | 1 | 272 | | 21.86 |
| | | | | Pi/2 BPSK | Edge_Full Right | 2 | 271 | | 22.38 |
| | | | QPSK | 2 | | 271 | | 21.85 | |
| CP-OFDM | QPSK | Inner_IRB Left | 1 | 1 | | 21.99 | | | |

Appendix E.4 WLAN Conducted Power

Appendix E.4.1 WLAN 2.4GHz WLAN Ant3

| Mode | DataRate | Frequency | Target | Average Power |
|--------|----------|-----------|--------|---------------|
| 11b | 1M | 2 412 | 5.5 | 6.47 |
| | | 2 437 | | 5.01 |
| | | 2 442 | | 5.38 |
| | | 2 462 | | 6.41 |
| | | 2 472 | | 5.63 |
| 11g | 6M | 2 412 | 5.5 | 5.29 |
| | | 2 437 | | 4.65 |
| | | 2 442 | | 5.25 |
| | | 2 462 | | 6.39 |
| | | 2 472 | | 6.38 |
| 11n20 | MCS0 | 2 412 | 5.5 | 5.02 |
| | | 2 437 | | 4.27 |
| | | 2 442 | | 4.90 |
| | | 2 462 | | 5.99 |
| | | 2 472 | | 5.47 |
| 11ac20 | MCS0 | 2 412 | 5.5 | 5.01 |
| | | 2 437 | | 4.25 |
| | | 2 442 | | 4.84 |
| | | 2 462 | | 5.92 |
| | | 2 472 | | 5.45 |
| 11n40 | MCS0 | 2 422 | 5.5 | 5.51 |
| | | 2 437 | | 5.93 |
| | | 2 442 | | 6.10 |
| | | 2 452 | | 5.57 |
| | | 2 462 | | 6.40 |
| 11ac40 | MCS0 | 2 422 | 5.5 | 5.50 |
| | | 2 437 | | 5.87 |
| | | 2 442 | | 6.09 |
| | | 2 452 | | 5.12 |
| | | 2 462 | | 6.32 |



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| Mode | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|----------|-----------|-------|--------|-----------|---------------|------|
| 11ax20 | MCS0 | 2412 | 26T | 5.5 | 0 | 6.33 | |
| | | | | | 4 | 4.69 | |
| | | | | | 8 | 5.88 | |
| | | | 52T | 5.5 | 37 | 5.78 | |
| | | | | | 38 | 5.02 | |
| | | | | | 40 | 5.59 | |
| | | | 106T | 5.5 | 53 | 5.61 | |
| | | | | | 54 | 6.29 | |
| | | | | | 61 | 5.42 | |
| | | | 242T | 5.5 | - | 5.20 | |
| | | | | | 0 | 5.34 | |
| | | | | | 4 | 4.62 | |
| | | | 2437 | 26T | 5.5 | 8 | 3.72 |
| | | | | | | 37 | 5.24 |
| | | | | | | 38 | 4.96 |
| | | 52T | | 5.5 | 40 | 3.67 | |
| | | | | | 53 | 5.15 | |
| | | | | | 54 | 4.03 | |
| | | 106T | | 5.5 | 61 | 4.79 | |
| | | | | | - | 4.36 | |
| | | | | | 0 | 6.06 | |
| | | 242T | | 5.5 | 4 | 4.34 | |
| | | | | | 8 | 3.91 | |
| | | | | | 37 | 5.68 | |
| | | 52T | | 5.5 | 38 | 4.98 | |
| | | | | | 40 | 3.66 | |
| | | | | | 53 | 5.14 | |
| | | 106T | 5.5 | 54 | 4.62 | | |
| | | | | 61 | 5.46 | | |
| | | | | - | 4.40 | | |
| | | 242T | 5.5 | 0 | 4.83 | | |
| | | | | 4 | 5.69 | | |
| | | | | 8 | 5.69 | | |
| | | 2462 | 26T | 5.5 | 37 | 4.80 | |
| | | | | | 38 | 5.18 | |
| | | | | | 40 | 5.79 | |
| | | | 52T | 5.5 | 53 | 6.22 | |
| | | | | | 54 | 6.10 | |
| | | | | | 61 | 5.80 | |
| | | | 106T | 5.5 | - | 5.71 | |
| | | | | | 0 | 6.50 | |
| | | | | | 4 | 4.99 | |
| | | | 242T | 5.5 | 8 | 4.81 | |
| | | | | | 37 | 6.46 | |
| | | | | | 38 | 5.81 | |
| | | | 52T | 5.5 | 40 | 4.50 | |
| | | | | | 53 | 6.38 | |
| | | | | | 54 | 4.52 | |
| 106T | 5.5 | 61 | 5.42 | | | | |
| | | - | 5.25 | | | | |
| | | 0 | 5.25 | | | | |



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| Mode | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|----------|-----------|-------|--------|-----------|---------------|------|
| 11ax40 | MCS0 | 2422 | 26T | 5.5 | 0 | 4.98 | |
| | | | | | 9 | 5.01 | |
| | | | | | 17 | 5.23 | |
| | | | 52T | 5.5 | 37 | 4.86 | |
| | | | | | 41 | 5.27 | |
| | | | | | 44 | 5.40 | |
| | | | 106T | 5.5 | 53 | 4.55 | |
| | | | | | 54 | 4.11 | |
| | | | | | 56 | 5.80 | |
| | | | 242T | 5.5 | 61 | 6.38 | |
| | | | | | 62 | 5.68 | |
| | | | 484T | 5.5 | 65 | 5.03 | |
| | | SU | | | 5.5 | - | 5.01 |
| | | 2437 | MCS0 | 26T | 5.5 | 0 | 5.12 |
| | | | | | | 9 | 6.24 |
| | | | | | | 17 | 5.18 |
| | | | | 52T | 5.5 | 37 | 5.17 |
| | | | | | | 41 | 6.08 |
| | | | | | | 44 | 5.10 |
| | | | | 106T | 5.5 | 53 | 5.49 |
| | | | | | | 54 | 6.71 |
| | | | | | | 56 | 4.89 |
| | | | | 242T | 5.5 | 61 | 6.28 |
| | | | | | | 62 | 5.32 |
| | | | | 484T | 5.5 | 65 | 5.77 |
| | | SU | 5.5 | | | - | 5.68 |
| | | 2442 | MCS0 | 26T | 5.5 | 0 | 5.17 |
| | | | | | | 9 | 4.65 |
| | | | | | | 17 | 5.06 |
| | | | | 52T | 5.5 | 37 | 5.52 |
| | | | | | | 41 | 4.69 |
| | | | | | | 44 | 5.11 |
| | | | | 106T | 5.5 | 53 | 6.31 |
| | | | | | | 54 | 6.42 |
| | | | | | | 56 | 5.42 |
| | | | | 242T | 5.5 | 61 | 6.34 |
| 62 | 5.06 | | | | | | |
| 484T | 5.5 | | | 65 | 5.91 | | |
| | | SU | 5.5 | - | 5.61 | | |
| 11ax40 | MCS0 | 2452 | 26T | 5.5 | 0 | 5.67 | |
| | | | | | 9 | 3.65 | |
| | | | | | 17 | 4.82 | |
| | | | 52T | 5.5 | 37 | 5.57 | |
| | | | | | 41 | 3.58 | |
| | | | | | 44 | 4.86 | |
| | | | 106T | 5.5 | 53 | 5.35 | |
| | | | | | 54 | 3.71 | |
| | | | | | 56 | 5.01 | |
| | | | 242T | 5.5 | 61 | 4.98 | |
| | | | | | 62 | 4.56 | |
| | | | 484T | 5.5 | 65 | 4.62 | |
| | | SU | | | 5.5 | - | 4.61 |
| | | 2462 | MCS0 | 26T | 5.5 | 0 | 6.00 |
| | | | | | | 9 | 6.90 |
| | | | | | | 17 | 5.03 |
| | | | | 52T | 5.5 | 37 | 6.04 |
| | | | | | | 41 | 6.94 |
| | | | | | | 44 | 5.06 |
| | | | | 106T | 5.5 | 53 | 5.77 |
| | | | | | | 54 | 6.14 |
| | | | | | | 56 | 5.27 |
| | | | | 242T | 5.5 | 61 | 5.90 |
| | | | | | | 62 | 6.03 |
| | | | | 484T | 5.5 | 65 | 6.12 |
| | | SU | 5.5 | | | - | 6.11 |

Appendix E.4.2 WLAN 2.4GHz WLAN Ant4

| Mode | DataRate | Frequency | Target | Average Power |
|--------|----------|-----------|--------|---------------|
| 11b | 1M | 2 412 | 5.5 | 6.47 |
| | | 2 437 | | 5.01 |
| | | 2 442 | | 5.38 |
| | | 2 462 | | 6.41 |
| | | 2 472 | | 5.63 |
| 11g | 6M | 2 412 | 5.5 | 5.29 |
| | | 2 437 | | 4.65 |
| | | 2 442 | | 5.25 |
| | | 2 462 | | 6.39 |
| | | 2 472 | | 6.38 |
| 11n20 | MCS0 | 2 412 | 5.5 | 5.02 |
| | | 2 437 | | 4.27 |
| | | 2 442 | | 4.90 |
| | | 2 462 | | 5.99 |
| | | 2 472 | | 5.47 |
| 11ac20 | MCS0 | 2 412 | 5.5 | 5.01 |
| | | 2 437 | | 4.25 |
| | | 2 442 | | 4.84 |
| | | 2 462 | | 5.92 |
| | | 2 472 | | 5.45 |
| 11n40 | MCS0 | 2 422 | 5.5 | 5.51 |
| | | 2 437 | | 5.93 |
| | | 2 442 | | 6.10 |
| | | 2 452 | | 5.57 |
| | | 2 462 | | 6.40 |
| 11ac40 | MCS0 | 2 422 | 5.5 | 5.50 |
| | | 2 437 | | 5.87 |
| | | 2 442 | | 6.09 |
| | | 2 452 | | 5.12 |
| | | 2 462 | | 6.32 |



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| Mode | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|----------|-----------|-------|--------|-----------|---------------|------|
| 11ax20 | MCS0 | 2412 | 26T | 5.5 | 0 | 6.33 | |
| | | | | | 4 | 4.69 | |
| | | | | | 8 | 5.88 | |
| | | | | | 37 | 5.78 | |
| | | | | | 40 | 5.59 | |
| | | | 52T | 5.5 | 53 | 5.61 | |
| | | | | | 54 | 6.29 | |
| | | | | | 61 | 5.42 | |
| | | | | | - | 5.20 | |
| | | | | | 0 | 5.34 | |
| | | | 106T | 5.5 | 5.5 | 4 | 4.62 |
| | | | | | | 8 | 3.72 |
| | | | | | | 37 | 5.24 |
| | | | | | | 38 | 4.96 |
| | | | | | | 40 | 3.67 |
| | | 242T | 5.5 | 5.5 | 53 | 5.15 | |
| | | | | | 54 | 4.03 | |
| | | | | | 61 | 4.79 | |
| | | | | | - | 4.36 | |
| | | | | | 0 | 6.06 | |
| | | 2437 | 26T | 5.5 | 5.5 | 4 | 4.34 |
| | | | | | | 8 | 3.91 |
| | | | | | | 37 | 5.68 |
| | | | | | | 38 | 4.98 |
| | | | | | | 40 | 3.66 |
| | | | 52T | 5.5 | 5.5 | 53 | 5.14 |
| | | | | | | 54 | 4.62 |
| | | | | | | 61 | 5.46 |
| | | | | | | - | 4.40 |
| | | | | | | 0 | 4.83 |
| | | | 106T | 5.5 | 5.5 | 4 | 5.69 |
| | | | | | | 8 | 5.69 |
| | | | | | | 37 | 4.80 |
| | | | | | | 38 | 5.18 |
| | | | | | | 40 | 5.79 |
| | | 242T | 5.5 | 5.5 | 53 | 6.22 | |
| | | | | | 54 | 6.10 | |
| | | | | | 61 | 5.80 | |
| | | | | | - | 5.71 | |
| | | | | | 0 | 6.50 | |
| | | 2442 | 26T | 5.5 | 5.5 | 4 | 4.99 |
| | | | | | | 8 | 4.81 |
| | | | | | | 37 | 6.46 |
| | | | | | | 38 | 5.81 |
| | | | | | | 40 | 4.50 |
| | | | 52T | 5.5 | 5.5 | 53 | 6.38 |
| | | | | | | 54 | 4.52 |
| | | | | | | 61 | 5.42 |
| - | 5.25 | | | | | | |
| 0 | 5.25 | | | | | | |
| 106T | 5.5 | | 5.5 | 4 | 4.99 | | |
| | | | | 8 | 4.81 | | |
| | | | | 37 | 6.46 | | |
| | | | | 38 | 5.81 | | |
| | | | | 40 | 4.50 | | |
| 242T | 5.5 | 5.5 | 53 | 6.38 | | | |
| | | | 54 | 4.52 | | | |
| | | | 61 | 5.42 | | | |
| | | | - | 5.25 | | | |
| | | | 0 | 5.25 | | | |
| 2462 | 26T | 5.5 | 5.5 | 4 | 4.99 | | |
| | | | | 8 | 4.81 | | |
| | | | | 37 | 6.46 | | |
| | | | | 38 | 5.81 | | |
| | | | | 40 | 4.50 | | |
| | 52T | 5.5 | 5.5 | 53 | 6.38 | | |
| | | | | 54 | 4.52 | | |
| | | | | 61 | 5.42 | | |
| | | | | - | 5.25 | | |
| | | | | 0 | 5.25 | | |
| | 106T | 5.5 | 5.5 | 4 | 4.99 | | |
| | | | | 8 | 4.81 | | |
| | | | | 37 | 6.46 | | |
| | | | | 38 | 5.81 | | |
| | | | | 40 | 4.50 | | |
| 242T | 5.5 | 5.5 | 53 | 6.38 | | | |
| | | | 54 | 4.52 | | | |
| | | | 61 | 5.42 | | | |
| | | | - | 5.25 | | | |
| | | | 0 | 5.25 | | | |
| 2472 | 26T | 5.5 | 5.5 | 4 | 4.99 | | |
| | | | | 8 | 4.81 | | |
| | | | | 37 | 6.46 | | |
| | | | | 38 | 5.81 | | |
| | | | | 40 | 4.50 | | |
| | 52T | 5.5 | 5.5 | 53 | 6.38 | | |
| | | | | 54 | 4.52 | | |
| | | | | 61 | 5.42 | | |
| | | | | - | 5.25 | | |
| | | | | 0 | 5.25 | | |
| | 106T | 5.5 | 5.5 | 4 | 4.99 | | |
| | | | | 8 | 4.81 | | |
| | | | | 37 | 6.46 | | |
| | | | | 38 | 5.81 | | |
| | | | | 40 | 4.50 | | |
| 242T | 5.5 | 5.5 | 53 | 6.38 | | | |
| | | | 54 | 4.52 | | | |
| | | | 61 | 5.42 | | | |
| | | | - | 5.25 | | | |
| | | | 0 | 5.25 | | | |

| Mode | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|----------|-----------|-------|--------|-----------|---------------|------|
| | | | | | | | |
| 11ax40 | MCS0 | 2422 | 26T | 5.5 | 0 | 4.98 | |
| | | | | | 9 | 5.01 | |
| | | | | | 17 | 5.23 | |
| | | | 52T | 5.5 | 37 | 4.86 | |
| | | | | | 41 | 5.27 | |
| | | | | | 44 | 5.40 | |
| | | | 106T | 5.5 | 53 | 4.55 | |
| | | | | | 54 | 4.11 | |
| | | | | | 56 | 5.80 | |
| | | | 242T | 5.5 | 61 | 6.38 | |
| | | | | | 62 | 5.68 | |
| | | | 484T | 5.5 | 65 | 5.03 | |
| | | SU | | | 5.5 | - | 5.01 |
| | | 2437 | MCS0 | 26T | 5.5 | 0 | 5.12 |
| | | | | | | 9 | 6.24 |
| | | | | | | 17 | 5.18 |
| | | | | 52T | 5.5 | 37 | 5.17 |
| | | | | | | 41 | 6.08 |
| | | | | | | 44 | 5.10 |
| | | | | 106T | 5.5 | 53 | 5.49 |
| | | | | | | 54 | 6.71 |
| | | | | | | 56 | 4.89 |
| | | | | 242T | 5.5 | 61 | 6.28 |
| | | | | | | 62 | 5.32 |
| | | | | 484T | 5.5 | 65 | 5.77 |
| | | SU | 5.5 | | | - | 5.68 |
| | | 2452 | MCS0 | 26T | 5.5 | 0 | 5.17 |
| | | | | | | 9 | 4.65 |
| | | | | | | 17 | 5.06 |
| | | | | 52T | 5.5 | 37 | 5.52 |
| | | | | | | 41 | 4.69 |
| | | | | | | 44 | 5.11 |
| | | | | 106T | 5.5 | 53 | 6.31 |
| | | | | | | 54 | 6.42 |
| | | | | | | 56 | 5.42 |
| | | | | 242T | 5.5 | 61 | 6.34 |
| | | | | | | 62 | 5.06 |
| | | | | 484T | 5.5 | 65 | 5.91 |
| | | SU | 5.5 | | | - | 5.61 |
| | | 2452 | MCS0 | 26T | 5.5 | 0 | 5.67 |
| | | | | | | 9 | 3.65 |
| | | | | | | 17 | 4.82 |
| | | | | 52T | 5.5 | 37 | 5.57 |
| | | | | | | 41 | 3.58 |
| | | | | | | 44 | 4.86 |
| | | | | 106T | 5.5 | 53 | 5.35 |
| | | | | | | 54 | 3.71 |
| | | | | | | 56 | 5.01 |
| 242T | 5.5 | | | 61 | 4.98 | | |
| | | | | 62 | 4.56 | | |
| 484T | 5.5 | | | 65 | 4.62 | | |
| | | SU | 5.5 | - | 4.61 | | |
| 11ax40 | MCS0 | 2462 | 26T | 5.5 | 0 | 6.00 | |
| | | | | | 9 | 6.90 | |
| | | | | | 17 | 5.03 | |
| | | | 52T | 5.5 | 37 | 6.04 | |
| | | | | | 41 | 6.94 | |
| | | | | | 44 | 5.06 | |
| | | | 106T | 5.5 | 53 | 5.77 | |
| | | | | | 54 | 6.14 | |
| | | | | | 56 | 5.27 | |
| | | | 242T | 5.5 | 61 | 5.90 | |
| | | | | | 62 | 6.03 | |
| | | | 484T | 5.5 | 65 | 6.12 | |
| SU | 5.5 | - | | | 6.11 | | |

Appendix E.4.3 WLAN 2.4GHz WLAN MIMO

| Mode | DataRate | Frequency | Target | Average power |
|--------|----------|-----------|--------|---------------|
| 11b | 1M | 2 412 | 5.5 | 6.78 |
| | | 2 437 | | 6.14 |
| | | 2 442 | | 6.14 |
| | | 2 462 | | 7.05 |
| | | 2 472 | | 6.50 |
| 11g | 6M | 2 412 | 5.5 | 6.24 |
| | | 2 437 | | 5.97 |
| | | 2 442 | | 5.94 |
| | | 2 462 | | 6.75 |
| | | 2 472 | | 6.43 |
| 11n20 | MCS0 | 2 412 | 5.5 | 5.88 |
| | | 2 437 | | 5.56 |
| | | 2 442 | | 5.61 |
| | | 2 462 | | 6.36 |
| | | 2 472 | | 6.00 |
| 11ac20 | MCS0 | 2 412 | 5.5 | 5.87 |
| | | 2 437 | | 5.55 |
| | | 2 442 | | 5.56 |
| | | 2 462 | | 6.34 |
| | | 2 472 | | 5.99 |
| 11n40 | MCS0 | 2 422 | 5.5 | 6.95 |
| | | 2 437 | | 6.59 |
| | | 2 442 | | 6.27 |
| | | 2 452 | | 6.61 |
| | | 2 462 | | 7.17 |
| 11ac40 | MCS0 | 2 422 | 5.5 | 6.94 |
| | | 2 437 | | 6.55 |
| | | 2 442 | | 6.26 |
| | | 2 452 | | 6.59 |
| | | 2 462 | | 7.16 |



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| Mode | DataRate | Frequency | Tones | RU offset | Target | Average power | | |
|--------|----------|-----------|-------|-----------|--------|---------------|-----|------|
| 11ax20 | MCS0 | 2412 | 26T | 0 | 5.5 | 6.63 | | |
| | | | | 4 | | 6.28 | | |
| | | | | 8 | | 6.38 | | |
| | | | 52T | 37 | 5.5 | 6.02 | | |
| | | | | 38 | | 5.34 | | |
| | | | | 40 | | 6.18 | | |
| | | | 106T | 53 | 5.5 | 5.56 | | |
| | | | | 54 | | 5.61 | | |
| | | | | 242T | | 61 | 5.5 | 6.33 |
| | | | SU | - | 5.5 | 7.07 | | |
| | | | | 2437 | 26T | 0 | 5.5 | 6.39 |
| | | | | | | 4 | | 5.97 |
| | | 8 | 5.31 | | | | | |
| | | 52T | 37 | | 5.5 | 6.08 | | |
| | | | 38 | | | 6.01 | | |
| | | | 40 | | | 5.12 | | |
| | | 106T | 53 | | 5.5 | 6.43 | | |
| | | | 54 | | | 6.41 | | |
| | | | 242T | | | 61 | 5.5 | 6.06 |
| | | SU | - | | 5.5 | 6.79 | | |
| | | | 2442 | | 26T | 0 | 5.5 | 6.69 |
| | | | | | | 4 | | 5.58 |
| | | 8 | | 5.40 | | | | |
| | | 52T | | 37 | 5.5 | 6.36 | | |
| | | | | 38 | | 5.81 | | |
| | | | | 40 | | 5.15 | | |
| | | 106T | | 53 | 5.5 | 6.51 | | |
| | | | | 54 | | 6.49 | | |
| | | | | 242T | | 61 | 5.5 | 6.08 |
| | | SU | | - | 5.5 | 6.82 | | |
| | | | | 2462 | 26T | 0 | 5.5 | 6.66 |
| | | | | | | 4 | | 6.59 |
| | | 8 | 6.48 | | | | | |
| | | 52T | 37 | | 5.5 | 5.93 | | |
| | | | 38 | | | 5.99 | | |
| | | | 40 | | | 6.32 | | |
| | | 106T | 53 | | 5.5 | 6.53 | | |
| | | | 54 | | | 6.49 | | |
| | | | 242T | | | 61 | 5.5 | 6.79 |
| | | SU | - | | 5.5 | 7.37 | | |
| | | | 2472 | | 26T | 0 | 5.5 | 7.17 |
| | | | | | | 4 | | 6.10 |
| | | 8 | | 5.74 | | | | |
| | | 52T | | 37 | 5.5 | 6.85 | | |
| | | | | 38 | | 6.38 | | |
| | | | | 40 | | 5.51 | | |
| | | 106T | | 53 | 5.5 | 7.22 | | |
| | | | | 54 | | 7.17 | | |
| 242T | 61 | | | 5.5 | | 6.63 | | |
| SU | - | 5.5 | | 7.26 | | | | |

| Mode | DataRate | Frequency | Tones | RU offset | Target | Average power | |
|--------|----------|-----------|-------|-----------|--------|---------------|------|
| 11ax40 | MCS0 | 2422 | 26T | 0 | 5.5 | 6.00 | |
| | | | | 9 | | 6.30 | |
| | | | | 17 | | 6.60 | |
| | | | 52T | 37 | 5.5 | 5.76 | |
| | | | | 41 | | 6.42 | |
| | | | | 44 | | 6.57 | |
| | | | 106T | 53 | 5.5 | 5.94 | |
| | | | | 54 | | 5.99 | |
| | | | | 56 | | 7.02 | |
| | | | 242T | 61 | 5.5 | 5.96 | |
| | | | | 62 | | 7.03 | |
| | | | 484T | 65 | 5.5 | 6.61 | |
| | | - | | 7.04 | | | |
| | | 2437 | 26T | 2437 | 0 | 5.5 | 5.66 |
| | | | | | 9 | | 6.36 |
| | | | | | 17 | | 5.61 |
| | | | 52T | 37 | 5.5 | 5.61 | |
| | | | | 41 | | 6.21 | |
| | | | | 44 | | 5.48 | |
| | | | 106T | 53 | 5.5 | 6.29 | |
| | | | | 54 | | 6.98 | |
| | | | | 56 | | 5.64 | |
| | | | 242T | 61 | 5.5 | 6.58 | |
| | | | | 62 | | 5.98 | |
| | | | 484T | 65 | 5.5 | 6.35 | |
| | | - | | 7.15 | | | |
| | | 2442 | 26T | 2442 | 0 | 5.5 | 5.77 |
| | | | | | 9 | | 5.47 |
| | | | | | 17 | | 5.71 |
| | | | 52T | 37 | 5.5 | 5.77 | |
| | | | | 41 | | 5.32 | |
| | | | | 44 | | 5.59 | |
| | | | 106T | 53 | 5.5 | 6.36 | |
| | | | | 54 | | 6.18 | |
| | | | | 56 | | 5.67 | |
| | | | 242T | 61 | 5.5 | 6.37 | |
| 62 | 5.45 | | | | | | |
| 484T | 65 | | 5.5 | 6.02 | | | |
| | - | 6.93 | | | | | |
| 11ax40 | MCS0 | 2452 | 26T | 0 | 5.5 | 6.50 | |
| | | | | 9 | | 5.31 | |
| | | | | 17 | | 5.66 | |
| | | | 52T | 37 | 5.5 | 6.35 | |
| | | | | 41 | | 5.26 | |
| | | | | 44 | | 5.71 | |
| | | | 106T | 53 | 5.5 | 6.63 | |
| | | | | 54 | | 5.64 | |
| | | | | 56 | | 6.24 | |
| | | | 242T | 61 | 5.5 | 6.25 | |
| | | | | 62 | | 6.13 | |
| | | | 484T | 65 | 5.5 | 6.27 | |
| | | - | | 7.25 | | | |
| | | 2462 | 26T | 2462 | 0 | 5.5 | 6.71 |
| | | | | | 9 | | 7.15 |
| | | | | | 17 | | 5.87 |
| | | | 52T | 37 | 5.5 | 6.62 | |
| | | | | 41 | | 7.03 | |
| | | | | 44 | | 5.68 | |
| | | | 106T | 53 | 5.5 | 6.79 | |
| | | | | 54 | | 7.12 | |
| | | | | 56 | | 6.24 | |
| | | | 242T | 61 | 5.5 | 6.94 | |
| | | | | 62 | | 6.82 | |
| | | | 484T | 65 | 5.5 | 7.00 | |
| | | - | | 7.43 | | | |

Appendix E.4.4 WLAN 5GHz WLAN Ant3

| Band | DataRate | Frequency | Target | Average power | | |
|----------|----------|-----------|--------|---------------|------|------|
| 11a | U-NII 1 | 5 180 | 2 | 3.34 | | |
| | | 5 220 | | 2.52 | | |
| | | 5 240 | | 1.60 | | |
| | | 5 260 | | 1.31 | | |
| | | U-NII 2A | | 5 300 | 2 | 0.67 |
| | | | | 5 320 | | 0.41 |
| | U-NII 2C | 5 500 | 3.5 | 2.33 | | |
| | | 5 580 | | 2.91 | | |
| | | 5 700 | | 5.06 | | |
| | U-NII 3 | 5 745 | 4 | 5.58 | | |
| | | 5 785 | | 3.55 | | |
| | | 5 825 | | -2.38 | | |
| 11n20 | U-NII 1 | 5 180 | 2 | 3.26 | | |
| | | 5 220 | | 2.13 | | |
| | | 5 240 | | 1.28 | | |
| | | 5 260 | | 0.83 | | |
| | | U-NII 2A | | 5 300 | 2 | 0.25 |
| | | | | 5 320 | | 0.10 |
| | U-NII 2C | 5 500 | 3.5 | 1.93 | | |
| | | 5 580 | | 2.57 | | |
| | | 5 700 | | 4.62 | | |
| | U-NII 3 | 5 745 | 4 | 5.11 | | |
| | | 5 785 | | 3.12 | | |
| | | 5 825 | | -2.63 | | |
| 11ac20 | U-NII 1 | 5 180 | 2 | 3.14 | | |
| | | 5 220 | | 2.11 | | |
| | | 5 240 | | 1.26 | | |
| | | 5 260 | | 0.82 | | |
| | | U-NII 2A | | 5 300 | 2 | 0.23 |
| | | | | 5 320 | | 0.05 |
| | U-NII 2C | 5 500 | 3.5 | 1.92 | | |
| | | 5 580 | | 2.56 | | |
| | | 5 700 | | 4.55 | | |
| | U-NII 3 | 5 745 | 4 | 5.08 | | |
| | | 5 785 | | 3.11 | | |
| | | 5 825 | | -2.68 | | |
| 11n40 | U-NII 1 | 5 190 | 2 | 2.89 | | |
| | | 5 230 | | 1.72 | | |
| | | 5 270 | | 1.69 | | |
| | | 5 310 | | 0.97 | | |
| | | U-NII 2A | | 5 510 | 3.5 | 1.68 |
| | | | | 5 550 | | 2.50 |
| | U-NII 2C | 5 670 | 4 | 4.44 | | |
| | | 5 755 | | 5.29 | | |
| | | 5 795 | | 4.77 | | |
| | 11ac40 | U-NII 1 | 5 190 | 2 | 2.80 | |
| | | | 5 230 | | 1.69 | |
| | | | 5 270 | | 1.65 | |
| 5 310 | | | 0.92 | | | |
| U-NII 2A | | | 5 510 | | 3.5 | 1.63 |
| | | | 5 550 | | | 2.48 |
| U-NII 2C | | 5 670 | 4 | 4.42 | | |
| | | 5 755 | | 5.28 | | |
| | | 5 795 | | 4.74 | | |
| 11ac80 | | U-NII 1 | 5 210 | 2 | 2.68 | |
| | | U-NII 2A | 5 290 | 2 | 0.88 | |
| | | U-NII 2C | 5 530 | 3.5 | 2.39 | |
| | 5 610 | | 3.60 | | | |
| | U-NII 3 | 5 775 | 4 | 4.17 | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | | |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|-------|------|
| 11ax20 | U-NII 1 | MCS0 | 5 180 | 26T | -1 | 0 | 0.81 | | |
| | | | | | | 4 | 0.64 | | |
| | | | | | | 8 | 0.92 | | |
| | | | | 5 220 | 52T | 1 | 37 | 2.30 | |
| | | | | | | | 38 | 2.11 | |
| | | | | | | | 40 | 2.38 | |
| | | | 106T | | 2 | 53 | 3.41 | | |
| | | | | | | 54 | 3.50 | | |
| | | | | | | 242T | 2 | 61 | 3.46 |
| | | | 5 240 | 26T | -1 | SU | 2 | - | 3.47 |
| | | | | | | 0 | 0.34 | | |
| | | | | | | 4 | -0.34 | | |
| | | | | 5 300 | 52T | 1 | 8 | -0.09 | |
| | | | | | | | 37 | 1.78 | |
| | | | | | | | 38 | 1.47 | |
| | | | 106T | | 2 | 40 | 1.42 | | |
| | | | | | | 53 | 2.86 | | |
| | | | | | | 54 | 2.54 | | |
| | | | 5 320 | 242T | 2 | 61 | 2.68 | | |
| | | | | | | SU | 2 | - | 2.78 |
| | | | | | | 0 | -0.78 | | |
| | | | | 5 260 | 26T | -1 | 4 | -1.34 | |
| | | | | | | | 8 | -0.96 | |
| | | | | | | | 37 | 1.34 | |
| 5 300 | 52T | 1 | 38 | | 1.04 | | | | |
| | | | 40 | | 1.08 | | | | |
| | | | 53 | | 1.65 | | | | |
| | 5 320 | 106T | 2 | 54 | 1.62 | | | | |
| | | | | 61 | 1.58 | | | | |
| | | | | SU | 2 | - | 1.60 | | |
| 11ax20 | | U-NII 2A | MCS0 | 5 260 | 26T | -1 | 0 | -1.38 | |
| | | | | | | | 4 | -1.69 | |
| | | | | | | | 8 | -1.29 | |
| | 5 300 | | | | 52T | 1 | 37 | -0.25 | |
| | | | | | | | 38 | -0.55 | |
| | | | | | | | 40 | -0.15 | |
| | | | | 106T | 2 | 53 | 1.18 | | |
| | | | | | | 54 | 1.36 | | |
| | | | | | | 242T | 2 | 61 | 1.34 |
| | 5 320 | | | 26T | -1 | SU | 2 | - | 1.39 |
| | | | | | | 0 | -1.78 | | |
| | | | | | | 4 | -2.31 | | |
| | | | | 5 300 | 52T | 1 | 8 | -2.18 | |
| | | | | | | | 37 | 0.24 | |
| | | | | | | | 38 | 0.02 | |
| | 106T | | | | 2 | 40 | -0.15 | | |
| | | | | | | 53 | 0.50 | | |
| | | | | | | 54 | 0.28 | | |
| | 5 320 | | | 242T | 2 | 61 | 0.32 | | |
| | | | | | | SU | 2 | - | 0.35 |
| | | | | | | 0 | -2.24 | | |
| | | | | 5 300 | 26T | -1 | 4 | -2.83 | |
| | | | | | | | 8 | -2.40 | |
| | | | | | | | 37 | -0.25 | |
| 52T | 1 | 38 | -0.62 | | | | | | |
| | | 40 | -0.38 | | | | | | |
| | | 53 | 0.21 | | | | | | |
| 106T | 2 | 54 | 0.14 | | | | | | |
| | | 61 | 0.16 | | | | | | |
| | | SU | 2 | - | 0.21 | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax20 | U-NII 2C | MCS0 | 5 500 | 26T | 2 | 0 | 0.66 |
| | | | | | | 4 | 0.10 |
| | | | | | | 8 | 0.16 |
| | | | | 52T | 3.5 | 37 | 2.34 |
| | | | | | | 38 | 2.02 |
| | | | | | | 40 | 1.94 |
| | | | | 106T | 3.5 | 53 | 2.31 |
| | | | | | | 54 | 2.01 |
| | | | | | | - | - |
| | | | | 242T | 3.5 | 61 | 2.05 |
| | | | | | | - | 2.44 |
| | | | | | | - | - |
| | | | 5 580 | 26T | 2 | 0 | 1.27 |
| | | | | | | 4 | 0.57 |
| | | | | | | 8 | 0.77 |
| | | | | 52T | 3.5 | 37 | 2.97 |
| | | | | | | 38 | 2.63 |
| | | | | | | 40 | 2.53 |
| | | | | 106T | 3.5 | 53 | 2.94 |
| | | | | | | 54 | 2.61 |
| | | | | | | - | - |
| | | | | 242T | 3.5 | 61 | 2.76 |
| | | | | | | - | 3.05 |
| | | | | | | - | - |
| 5 700 | 26T | 2 | 0 | 3.42 | | | |
| | | | 4 | 3.14 | | | |
| | | | 8 | 3.78 | | | |
| | 52T | 3.5 | 37 | 5.25 | | | |
| | | | 38 | 4.97 | | | |
| | | | 40 | 5.41 | | | |
| | 106T | 3.5 | 53 | 5.13 | | | |
| | | | 54 | 5.28 | | | |
| | | | - | - | | | |
| | 242T | 3.5 | 61 | 5.29 | | | |
| | | | - | 5.38 | | | |
| | | | - | - | | | |
| 11ax20 | U-NII 3 | MCS0 | 5 745 | 26T | 4 | 0 | 5.05 |
| | | | | | | 4 | 4.31 |
| | | | | | | 8 | 4.47 |
| | | | | 52T | 4 | 37 | 4.87 |
| | | | | | | 38 | 4.53 |
| | | | | | | 40 | 4.23 |
| | | | | 106T | 4 | 53 | 4.80 |
| | | | | | | 54 | 4.40 |
| | | | | | | - | - |
| | | | | 242T | 4 | 61 | 4.60 |
| | | | | | | - | 4.93 |
| | | | | | | - | - |
| | | | 5 785 | 26T | 4 | 0 | 3.70 |
| | | | | | | 4 | 2.44 |
| | | | | | | 8 | 2.18 |
| | | | | 52T | 4 | 37 | 3.43 |
| | | | | | | 38 | 2.79 |
| | | | | | | 40 | 2.10 |
| | | | | 106T | 4 | 53 | 3.25 |
| | | | | | | 54 | 2.27 |
| | | | | | | - | - |
| | | | | 242T | 4 | 61 | 2.75 |
| | | | | | | - | 2.98 |
| | | | | | | - | - |
| 5 825 | 26T | 4 | 0 | 5.38 | | | |
| | | | 4 | -0.07 | | | |
| | | | 8 | -8.53 | | | |
| | 52T | 4 | 37 | 4.93 | | | |
| | | | 38 | 2.57 | | | |
| | | | 40 | -7.54 | | | |
| | 106T | 4 | 53 | 3.97 | | | |
| | | | 54 | -4.51 | | | |
| | | | - | - | | | |
| | 242T | 4 | 61 | 2.96 | | | |
| | | | - | - | | | |
| | | | - | - | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax40 | U-NII 1 | MCS0 | 5 190 | 26T | -1 | 0 | 0.64 |
| | | | | | | 9 | 0.40 |
| | | | | | | 17 | 0.45 |
| | | | | 52T | 1 | 37 | 1.91 |
| | | | | | | 41 | 1.92 |
| | | | | | | 44 | 2.11 |
| | | | | 106T | 2 | 53 | 2.74 |
| | | | | | | 54 | 2.68 |
| | | | | | | 56 | 2.90 |
| | | | 242T | 2 | 61 | 2.79 | |
| | | | | | 62 | 2.85 | |
| | | | 484T | 2 | 65 | 2.87 | |
| | | | SU | 2 | - | 2.68 | |
| | | | 5 230 | 26T | -1 | 0 | -0.16 |
| | | | | | | 9 | -0.95 |
| | | | | | | 17 | -1.00 |
| | | | | 52T | 1 | 37 | 1.36 |
| | | | | | | 41 | 0.67 |
| 44 | 0.72 | | | | | | |
| 106T | 2 | 53 | | 3.14 | | | |
| | | 54 | | 2.72 | | | |
| | | 56 | | 2.53 | | | |
| 242T | 2 | 61 | 2.92 | | | | |
| | | 62 | 2.62 | | | | |
| 484T | 2 | 65 | 2.72 | | | | |
| SU | 2 | - | 2.49 | | | | |
| 11ax40 | U-NII 2A | MCS0 | 5 270 | 26T | -1 | 0 | -1.81 |
| | | | | | | 9 | -2.02 |
| | | | | | | 17 | -2.03 |
| | | | | 52T | 1 | 37 | 0.51 |
| | | | | | | 41 | 0.35 |
| | | | | | | 44 | 0.29 |
| | | | | 106T | 2 | 53 | 1.64 |
| | | | | | | 54 | 1.61 |
| | | | | | | 56 | 1.58 |
| | | | 242T | 2 | 61 | 1.69 | |
| | | | | | 62 | 1.66 | |
| | | | 484T | 2 | 65 | 1.72 | |
| | | | SU | 2 | - | 1.50 | |
| | | | 5 310 | 26T | -1 | 0 | -2.27 |
| | | | | | | 9 | -2.87 |
| | | | | | | 17 | -2.89 |
| | | | | 52T | 1 | 37 | 0.00 |
| | | | | | | 41 | -0.70 |
| 44 | -0.59 | | | | | | |
| 106T | 2 | 53 | | 1.15 | | | |
| | | 54 | | 0.61 | | | |
| | | 56 | | 0.57 | | | |
| 242T | 2 | 61 | 0.90 | | | | |
| | | 62 | 0.50 | | | | |
| 484T | 2 | 65 | 0.72 | | | | |
| SU | 2 | - | 0.48 | | | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax40 | U-NII 2C | MCS0 | 5 510 | 26T | 2 | 0 | 0.62 |
| | | | | | | 9 | 0.15 |
| | | | | | | 17 | 0.05 |
| | | | | 52T | 3.5 | 37 | 2.59 |
| | | | | | | 41 | 1.74 |
| | | | | | | 44 | 1.62 |
| | | | | 106T | 3.5 | 53 | 2.49 |
| | | | | | | 54 | 2.05 |
| | | | | | | 56 | 1.57 |
| | | | 242T | 3.5 | 61 | 2.41 | |
| | | | | | 62 | 1.54 | |
| | | | | | 65 | 1.77 | |
| | | | 484T | 3.5 | - | 1.72 | |
| | | | | | 0 | 1.01 | |
| | | | | | 9 | 0.69 | |
| | | | 5 550 | 26T | 2 | 17 | 0.79 |
| | | | | | | 37 | 2.82 |
| | | | | | | 41 | 2.57 |
| | | | | 52T | 3.5 | 44 | 2.78 |
| | | | | | | 53 | 2.79 |
| | | | | | | 54 | 2.59 |
| | | | | 106T | 3.5 | 56 | 2.70 |
| | | | | | | 61 | 2.61 |
| | | | | | | 62 | 2.58 |
| | | | 242T | 3.5 | 65 | 2.58 | |
| | | | | | - | 2.48 | |
| | | | | | 0 | 3.84 | |
| 5 670 | 26T | 2 | 9 | 3.00 | | | |
| | | | 17 | 3.52 | | | |
| | | | 37 | 5.23 | | | |
| | 52T | 3.5 | 41 | 4.98 | | | |
| | | | 44 | 5.31 | | | |
| | | | 53 | 5.29 | | | |
| | 106T | 3.5 | 54 | 5.00 | | | |
| | | | 56 | 5.31 | | | |
| | | | 61 | 5.02 | | | |
| 242T | 3.5 | 62 | 5.05 | | | | |
| | | 65 | 5.00 | | | | |
| | | - | 4.83 | | | | |
| 0 | 4.60 | | | | | | |
| 11ax40 | U-NII 3 | MCS0 | 5 755 | 26T | 4 | 9 | 3.42 |
| | | | | | | 17 | 2.40 |
| | | | | | | 37 | 4.63 |
| | | | | 52T | 4 | 41 | 3.49 |
| | | | | | | 44 | 2.55 |
| | | | | | | 53 | 4.61 |
| | | | | 106T | 4 | 54 | 4.00 |
| | | | | | | 56 | 2.80 |
| | | | | | | 61 | 4.24 |
| | | | 242T | 4 | 62 | 3.02 | |
| | | | | | 65 | 3.63 | |
| | | | | | - | 3.35 | |
| | | | 0 | 4.99 | | | |
| | | | 5 795 | 26T | 4 | 9 | 3.07 |
| | | | | | | 17 | 2.16 |
| | | | | | | 37 | 4.98 |
| | | | | 52T | 4 | 41 | 3.23 |
| | | | | | | 44 | 2.43 |
| | | | | | | 53 | 4.67 |
| | | | | 106T | 4 | 54 | 3.70 |
| | | | | | | 56 | 2.60 |
| | | | | | | 61 | 4.22 |
| | | | 242T | 4 | 62 | 2.76 | |
| | | | | | 65 | 3.57 | |
| | | | | | - | 3.27 | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax80 | U-NII 1 | MCS0 | 5 210 | 26T | -1 | 0 | -0.61 |
| | | | | | | 18 | -0.23 |
| | | | | | | 36 | -0.41 |
| | | | | 52T | 1 | 37 | 1.47 |
| | | | | | | 45 | 1.22 |
| | | | | | | 52 | 1.01 |
| | | | | 106T | 2 | 53 | 2.51 |
| | | | | | | 57 | 2.22 |
| | | | | | | 60 | 2.13 |
| | | | | 242T | 2 | 61 | 2.51 |
| | | | | | | 62 | 2.27 |
| | | | | | | 64 | 2.37 |
| | | | | 484T | 2 | 65 | 2.36 |
| | | | | | | 66 | 2.16 |
| 67 | 2.25 | | | | | | |
| SU | 2 | - | 1.82 | | | | |
| 11ax80 | U-NII 2A | MCS0 | 5 290 | 26T | -1 | 0 | -1.62 |
| | | | | | | 18 | -1.66 |
| | | | | | | 36 | -1.29 |
| | | | | 52T | 1 | 37 | 0.82 |
| | | | | | | 45 | 0.13 |
| | | | | | | 52 | 0.42 |
| | | | | 106T | 2 | 53 | 1.95 |
| | | | | | | 57 | 1.10 |
| | | | | | | 60 | 1.42 |
| | | | | 242T | 2 | 61 | 1.97 |
| | | | | | | 62 | 1.52 |
| | | | | | | 64 | 1.39 |
| | | | | 484T | 2 | 65 | 1.70 |
| | | | | | | 66 | 1.20 |
| 67 | 1.36 | | | | | | |
| SU | 2 | - | 0.98 | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax80 | U-NII 2C | MCS0 | 5 530 | 26T | 2 | 0 | 2.61 |
| | | | | | | 18 | 2.25 |
| | | | | | | 36 | 1.79 |
| | | | | 52T | 3.5 | 37 | 3.47 |
| | | | | | | 45 | 3.35 |
| | | | | | | 52 | 2.88 |
| | | | | 106T | 3.5 | 53 | 4.62 |
| | | | | | | 57 | 4.41 |
| | | | | | | 60 | 4.02 |
| | | | | 242T | 3.5 | 61 | 4.51 |
| | | | | | | 62 | 4.47 |
| | | | | | | 64 | 4.14 |
| | | | 484T | 3.5 | 65 | 4.42 | |
| | | | | | 66 | 4.18 | |
| | | | | | 67 | 4.12 | |
| | | | SU | 3.5 | - | 3.82 | |
| | | | 5 610 | 26T | 2 | 0 | 2.46 |
| | | | | | | 18 | 1.46 |
| | | | | | | 36 | 1.50 |
| | | | | 52T | 3.5 | 37 | 3.53 |
| | | | | | | 45 | 2.40 |
| | | | | | | 52 | 2.67 |
| | | | | 106T | 3.5 | 53 | 4.53 |
| | | | | | | 57 | 3.58 |
| 60 | 3.71 | | | | | | |
| 242T | 3.5 | 61 | | 4.50 | | | |
| | | 62 | | 3.83 | | | |
| | | 64 | | 3.78 | | | |
| 484T | 3.5 | 65 | 4.19 | | | | |
| | | 66 | 3.61 | | | | |
| | | 67 | 3.74 | | | | |
| SU | 3.5 | - | 3.29 | | | | |
| 11ax80 | U-NII 3 | MCS0 | 5 775 | 26T | 4 | 0 | 4.70 |
| | | | | | | 18 | 3.77 |
| | | | | | | 36 | 3.36 |
| | | | | 52T | 4 | 37 | 4.59 |
| | | | | | | 45 | 3.59 |
| | | | | | | 52 | 3.30 |
| | | | | 106T | 4 | 53 | 4.70 |
| | | | | | | 57 | 3.51 |
| | | | | | | 60 | 3.29 |
| | | | | 242T | 4 | 61 | 4.69 |
| | | | | | | 62 | 4.28 |
| | | | | | | 64 | 3.29 |
| | | | | 484T | 4 | 65 | 4.39 |
| | | | | | | 66 | 3.17 |
| | | | | | | 67 | 3.68 |
| | | | | SU | 4 | - | 3.30 |

Appendix E.4.5 WLAN 5GHz WLAN Ant4

| Mode | Band | DataRate | Frequency | Target | Average Power |
|----------|----------|----------|-----------|--------|---------------|
| 11a | U-NII 1 | 6M | 5 180 | 2 | 3.34 |
| | | | 5 220 | | 2.52 |
| | | | 5 240 | | 1.60 |
| | U-NII 2A | | 5 260 | 2 | 1.31 |
| | | | 5 300 | | 0.67 |
| | | | 5 320 | | 0.41 |
| | U-NII 2C | | 5 500 | 3.5 | 2.33 |
| | | | 5 580 | | 2.91 |
| | | | 5 700 | | 5.06 |
| | U-NII 3 | | 5 745 | 4 | 5.58 |
| | | | 5 785 | | 3.55 |
| | | | 5 825 | | -2.38 |
| 11n20 | U-NII 1 | MCS0 | 5 180 | 2 | 3.26 |
| | | | 5 220 | | 2.13 |
| | | | 5 240 | | 1.28 |
| | U-NII 2A | | 5 260 | 2 | 0.83 |
| | | | 5 300 | | 0.25 |
| | | | 5 320 | | 0.10 |
| | U-NII 2C | | 5 500 | 3.5 | 1.93 |
| | | | 5 580 | | 2.57 |
| | | | 5 700 | | 4.62 |
| | U-NII 3 | | 5 745 | 4 | 5.11 |
| | | | 5 785 | | 3.12 |
| | | | 5 825 | | -2.63 |
| 11ac20 | U-NII 1 | MCS0 | 5 180 | 2 | 3.14 |
| | | | 5 220 | | 2.11 |
| | | | 5 240 | | 1.26 |
| | U-NII 2A | | 5 260 | 2 | 0.82 |
| | | | 5 300 | | 0.23 |
| | | | 5 320 | | 0.05 |
| | U-NII 2C | | 5 500 | 3.5 | 1.92 |
| | | | 5 580 | | 2.56 |
| | | | 5 700 | | 4.55 |
| | U-NII 3 | | 5 745 | 4 | 5.08 |
| | | | 5 785 | | 3.11 |
| | | | 5 825 | | -2.68 |
| 11n40 | U-NII 1 | MCS0 | 5 190 | 2 | 2.89 |
| | | | 5 230 | | 1.72 |
| | U-NII 2A | | 5 270 | 2 | 1.69 |
| | | | 5 310 | | 0.97 |
| | U-NII 2C | | 5 510 | 3.5 | 1.68 |
| | | | 5 550 | | 2.50 |
| | U-NII 3 | | 5 670 | 4 | 4.44 |
| | | | 5 755 | | 5.29 |
| 11ac40 | U-NII 1 | MCS0 | 5 795 | 4 | 4.77 |
| | | | 5 190 | | 2.80 |
| | U-NII 2A | | 5 230 | 2 | 1.69 |
| | | | 5 270 | | 1.65 |
| | U-NII 2C | | 5 310 | 3.5 | 0.92 |
| | | | 5 510 | | 1.63 |
| | U-NII 3 | | 5 550 | 4 | 2.48 |
| | | | 5 670 | | 4.42 |
| 11ac80 | U-NII 1 | MCS0 | 5 755 | 4 | 5.28 |
| | | | 5 795 | | 4.74 |
| | U-NII 2A | | 5 210 | 2 | 2.68 |
| | | | 5 290 | | 0.88 |
| U-NII 2C | 5 530 | 3.5 | 2.39 | | |
| | 5 610 | | 3.60 | | |
| U-NII 3 | 5 775 | 4 | 4.17 | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| | | | | | | | |
| 11ax20 | U-NII 1 | MCS0 | 5 180 | 26T | -1 | 0 | 0.81 |
| | | | | | | 4 | 0.64 |
| | | | | | | 8 | 0.92 |
| | | | | 52T | 1 | 37 | 2.30 |
| | | | | | | 38 | 2.11 |
| | | | | | | 40 | 2.38 |
| | | | 106T | 2 | 53 | 3.41 | |
| | | | | | 54 | 3.50 | |
| | | | | | 61 | 3.46 | |
| | | | 5 220 | 26T | -1 | - | 3.47 |
| | | | | | | 0 | 0.34 |
| | | | | | | 4 | -0.34 |
| | | | | 52T | 1 | 8 | -0.09 |
| | | | | | | 37 | 1.78 |
| | | | | | | 38 | 1.47 |
| | | | 106T | 2 | 40 | 1.42 | |
| | | | | | 53 | 2.86 | |
| | | | | | 54 | 2.54 | |
| | | | 5 240 | 242T | 2 | 61 | 2.68 |
| | | | | | | - | 2.78 |
| | | | | | | 0 | -0.78 |
| | | | | 26T | -1 | 4 | -1.34 |
| | | | | | | 8 | -0.96 |
| | | | | | | 37 | 1.34 |
| 52T | 1 | 38 | 1.04 | | | | |
| | | 40 | 1.08 | | | | |
| | | 53 | 1.65 | | | | |
| 11ax20 | U-NII 2A | MCS0 | 5 260 | 26T | -1 | 54 | 1.62 |
| | | | | | | 61 | 1.58 |
| | | | | | | - | 1.60 |
| | | | | 52T | 1 | 0 | -1.38 |
| | | | | | | 4 | -1.69 |
| | | | | | | 8 | -1.29 |
| 106T | 2 | 37 | -0.25 | | | | |
| | | 38 | -0.55 | | | | |
| | | 40 | -0.15 | | | | |
| 5 300 | 242T | 2 | 53 | 1.18 | | | |
| | | | 54 | 1.36 | | | |
| | | | 61 | 1.34 | | | |
| | 26T | -1 | - | 1.39 | | | |
| | | | 0 | -1.78 | | | |
| | | | 4 | -2.31 | | | |
| 52T | 1 | 8 | -2.18 | | | | |
| | | 37 | 0.24 | | | | |
| | | 38 | 0.02 | | | | |
| 106T | 2 | 40 | -0.15 | | | | |
| | | 53 | 0.50 | | | | |
| | | 54 | 0.28 | | | | |
| 5 320 | 242T | 2 | 61 | 0.32 | | | |
| | | | - | 0.35 | | | |
| | | | 0 | -2.24 | | | |
| | 26T | -1 | 4 | -2.83 | | | |
| | | | 8 | -2.40 | | | |
| | | | 37 | -0.25 | | | |
| 52T | 1 | 38 | -0.62 | | | | |
| | | 40 | -0.38 | | | | |
| | | 53 | 0.21 | | | | |
| 106T | 2 | 54 | 0.14 | | | | |
| | | 61 | 0.16 | | | | |
| | | - | 0.21 | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|------|
| | | | | | | | | |
| 11ax20 | U-NII 2C | MCS0 | 5 500 | 26T | 2 | 0 | 0.66 | |
| | | | | | | 4 | 0.10 | |
| | | | | | | 8 | 0.16 | |
| | | | | 52T | 3.5 | 37 | 2.34 | |
| | | | | | | 38 | 2.02 | |
| | | | | | | 40 | 1.94 | |
| | | | 53 | | | 2.31 | | |
| | | | 54 | | | 2.01 | | |
| | | | 61 | | | 2.05 | | |
| | | | 106T | 3.5 | - | 2.44 | | |
| | | | | | 0 | 1.27 | | |
| | | | | | 4 | 0.57 | | |
| | | | | | 8 | 0.77 | | |
| | | | | | 37 | 2.97 | | |
| | | | | | 38 | 2.63 | | |
| | | | 5 580 | 3.5 | 40 | 2.53 | | |
| | | | | | 53 | 2.94 | | |
| | | | | | 54 | 2.61 | | |
| | | | | | 61 | 2.76 | | |
| | | | | | SU | 3.5 | - | 3.05 |
| | | | | | 0 | 3.42 | | |
| | | | 5 700 | 2 | 4 | 3.14 | | |
| | | | | | 8 | 3.78 | | |
| | | | | | 37 | 5.25 | | |
| 38 | 4.97 | | | | | | | |
| 40 | 5.41 | | | | | | | |
| 53 | 5.13 | | | | | | | |
| 5 745 | 3.5 | 54 | 5.28 | | | | | |
| | | 61 | 5.29 | | | | | |
| | | SU | 3.5 | - | 5.38 | | | |
| | | 0 | 5.05 | | | | | |
| | | 4 | 4.31 | | | | | |
| | | 8 | 4.47 | | | | | |
| 11ax20 | U-NII 3 | MCS0 | 5 745 | 26T | 4 | 37 | 4.87 | |
| | | | | | | 38 | 4.53 | |
| | | | | | | 40 | 4.23 | |
| | | | | 52T | 4 | 53 | 4.80 | |
| | | | | | | 54 | 4.40 | |
| | | | | | | 61 | 4.60 | |
| | | | SU | | | 4 | - | 4.93 |
| | | | 0 | | | 3.70 | | |
| | | | 4 | | | 2.44 | | |
| | | | 5 785 | 4 | 8 | 2.18 | | |
| | | | | | 37 | 3.43 | | |
| | | | | | 38 | 2.79 | | |
| | | | | | 40 | 2.10 | | |
| | | | | | 53 | 3.25 | | |
| | | | | | 54 | 2.27 | | |
| | | | 5 825 | 4 | 61 | 2.75 | | |
| | | | | | SU | 4 | - | 2.98 |
| | | | | | 0 | 5.38 | | |
| | | | | | 4 | -0.07 | | |
| | | | | | 8 | -8.53 | | |
| | | | | | 37 | 4.93 | | |
| | | | 5 825 | 4 | 38 | 2.57 | | |
| | | | | | 40 | -7.54 | | |
| | | | | | 53 | 3.97 | | |
| 54 | -4.51 | | | | | | | |
| 61 | 2.96 | | | | | | | |
| SU | 4 | - | | | 3.42 | | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| | | | | | | | |
| 11ax40 | U-NII 1 | MCS0 | 5 190 | 26T | -1 | 0 | 0.64 |
| | | | | | | 9 | 0.40 |
| | | | | | | 17 | 0.45 |
| | | | | 52T | 1 | 37 | 1.91 |
| | | | | | | 41 | 1.92 |
| | | | | | | 44 | 2.11 |
| | | | | 106T | 2 | 53 | 2.74 |
| | | | | | | 54 | 2.68 |
| | | | | | | 56 | 2.90 |
| | | | | | | 61 | 2.79 |
| | | | 242T | 2 | 62 | 2.85 | |
| | | | | | 65 | 2.87 | |
| | | | SU | 2 | - | 2.68 | |
| | | | 5 230 | 26T | -1 | 0 | -0.16 |
| | | | | | | 9 | -0.95 |
| | | | | | | 17 | -1.00 |
| | | | | 52T | 1 | 37 | 1.36 |
| | | | | | | 41 | 0.67 |
| | | | | | | 44 | 0.72 |
| | | | | 106T | 2 | 53 | 3.14 |
| 54 | 2.72 | | | | | | |
| 56 | 2.53 | | | | | | |
| 61 | 2.92 | | | | | | |
| 242T | 2 | 62 | 2.62 | | | | |
| | | 65 | 2.72 | | | | |
| SU | 2 | - | 2.49 | | | | |
| 11ax40 | U-NII 2A | MCS0 | 5 270 | 26T | -1 | 0 | -1.81 |
| | | | | | | 9 | -2.02 |
| | | | | | | 17 | -2.03 |
| | | | | 52T | 1 | 37 | 0.51 |
| | | | | | | 41 | 0.35 |
| | | | | | | 44 | 0.29 |
| | | | | 106T | 2 | 53 | 1.64 |
| | | | | | | 54 | 1.61 |
| | | | | | | 56 | 1.58 |
| | | | | | | 61 | 1.69 |
| | | | 242T | 2 | 62 | 1.66 | |
| | | | | | 65 | 1.72 | |
| | | | SU | 2 | - | 1.50 | |
| | | | 5 310 | 26T | -1 | 0 | -2.27 |
| | | | | | | 9 | -2.87 |
| | | | | | | 17 | -2.89 |
| | | | | 52T | 1 | 37 | 0.00 |
| | | | | | | 41 | -0.70 |
| | | | | | | 44 | -0.59 |
| | | | | 106T | 2 | 53 | 1.15 |
| 54 | 0.61 | | | | | | |
| 56 | 0.57 | | | | | | |
| 61 | 0.90 | | | | | | |
| 242T | 2 | 62 | 0.50 | | | | |
| | | 65 | 0.72 | | | | |
| SU | 2 | - | 0.48 | | | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|------|
| | | | | | | | | |
| 11ax40 | U-NII 2C | MCS0 | 5 510 | 26T | 2 | 0 | 0.62 | |
| | | | | | | 9 | 0.15 | |
| | | | | | | 17 | 0.05 | |
| | | | | 52T | 3.5 | 37 | 2.59 | |
| | | | | | | 41 | 1.74 | |
| | | | | | | 44 | 1.62 | |
| | | | | 106T | 3.5 | 53 | 2.49 | |
| | | | | | | 54 | 2.05 | |
| | | | | | | 56 | 1.57 | |
| | | | | 242T | 3.5 | 61 | 2.41 | |
| | | | | | | 62 | 1.54 | |
| | | | | | | 65 | 1.77 | |
| | | | 484T | 3.5 | 65 | 1.77 | | |
| | | | | | SU | 3.5 | - | 1.72 |
| | | | | | 0 | 1.01 | | |
| | | | 5 550 | 26T | 2 | 9 | 0.69 | |
| | | | | | | 17 | 0.79 | |
| | | | | | | 37 | 2.82 | |
| | | | | 52T | 3.5 | 41 | 2.57 | |
| | | | | | | 44 | 2.78 | |
| | | | | | | 53 | 2.79 | |
| | | | | 106T | 3.5 | 54 | 2.59 | |
| | | | | | | 56 | 2.70 | |
| | | | | | | 61 | 2.61 | |
| 242T | 3.5 | 62 | | 2.58 | | | | |
| | | 65 | | 2.58 | | | | |
| | | SU | | 3.5 | - | 2.48 | | |
| 5 670 | 26T | 2 | 0 | 3.84 | | | | |
| | | | 9 | 3.00 | | | | |
| | | | 17 | 3.52 | | | | |
| | 52T | 3.5 | 37 | 5.23 | | | | |
| | | | 41 | 4.98 | | | | |
| | | | 44 | 5.31 | | | | |
| | 106T | 3.5 | 53 | 5.29 | | | | |
| | | | 54 | 5.00 | | | | |
| | | | 56 | 5.31 | | | | |
| | 242T | 3.5 | 61 | 5.02 | | | | |
| | | | 62 | 5.05 | | | | |
| | | | 65 | 5.00 | | | | |
| 484T | 3.5 | 65 | 5.00 | | | | | |
| | | SU | 3.5 | - | 4.83 | | | |
| | | 0 | 4.60 | | | | | |
| 11ax40 | U-NII 3 | MCS0 | 5 755 | 26T | 4 | 9 | 3.42 | |
| | | | | | | 17 | 2.40 | |
| | | | | | | 37 | 4.63 | |
| | | | | 52T | 4 | 41 | 3.49 | |
| | | | | | | 44 | 2.55 | |
| | | | | | | 53 | 4.61 | |
| | | | | 106T | 4 | 54 | 4.00 | |
| | | | | | | 56 | 2.80 | |
| | | | | | | 61 | 4.24 | |
| | | | | 242T | 4 | 62 | 3.02 | |
| | | | | | | 65 | 3.63 | |
| | | | | | | SU | 4 | - |
| | | | 5 795 | 26T | 4 | 0 | 4.99 | |
| | | | | | | 9 | 3.07 | |
| | | | | | | 17 | 2.16 | |
| | | | | 52T | 4 | 37 | 4.98 | |
| | | | | | | 41 | 3.23 | |
| | | | | | | 44 | 2.43 | |
| | | | | 106T | 4 | 53 | 4.67 | |
| | | | | | | 54 | 3.70 | |
| | | | | | | 56 | 2.60 | |
| | | | | 242T | 4 | 61 | 4.22 | |
| | | | | | | 62 | 2.76 | |
| | | | | | | 65 | 3.57 | |
| 484T | 4 | 65 | 3.57 | | | | | |
| | | SU | 4 | - | 3.27 | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| | | | | | | | |
| 11ax80 | U-NII 1 | MCS0 | 5 210 | 26T | -1 | 0 | -0.61 |
| | | | | | | 18 | -0.23 |
| | | | | | | 36 | -0.41 |
| | | | | 52T | 1 | 37 | 1.47 |
| | | | | | | 45 | 1.22 |
| | | | | | | 52 | 1.01 |
| | | | | 106T | 2 | 53 | 2.51 |
| | | | | | | 57 | 2.22 |
| | | | | | | 60 | 2.13 |
| | | | | 242T | 2 | 61 | 2.51 |
| | | | | | | 62 | 2.27 |
| | | | | | | 64 | 2.37 |
| | | | | 484T | 2 | 65 | 2.36 |
| | | | | | | 66 | 2.16 |
| | | | | 996T | 2 | 67 | 2.25 |
| SU | 2 | - | 1.82 | | | | |
| 11ax80 | U-NII 2A | MCS0 | 5 290 | 26T | -1 | 0 | -1.62 |
| | | | | | | 18 | -1.66 |
| | | | | | | 36 | -1.29 |
| | | | | 52T | 1 | 37 | 0.82 |
| | | | | | | 45 | 0.13 |
| | | | | | | 52 | 0.42 |
| | | | | 106T | 2 | 53 | 1.95 |
| | | | | | | 57 | 1.10 |
| | | | | | | 60 | 1.42 |
| | | | | 242T | 2 | 61 | 1.97 |
| | | | | | | 62 | 1.52 |
| | | | | | | 64 | 1.39 |
| | | | | 484T | 2 | 65 | 1.70 |
| | | | | | | 66 | 1.20 |
| | | | | 996T | 2 | 67 | 1.36 |
| SU | 2 | - | 0.98 | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | | |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|----|------|
| | | | | | | | | | |
| 11ax80 | U-NII 2C | MCS0 | 5 530 | 26T | 2 | 0 | 2.61 | | |
| | | | | | | 18 | 2.25 | | |
| | | | | | | 36 | 1.79 | | |
| | | | | 52T | 3.5 | 37 | 3.47 | | |
| | | | | | | 45 | 3.35 | | |
| | | | | | | 52 | 2.88 | | |
| | | | | 106T | 3.5 | 53 | 4.62 | | |
| | | | | | | 57 | 4.41 | | |
| | | | | | | 60 | 4.02 | | |
| | | | | 242T | 3.5 | 61 | 4.51 | | |
| | | | | | | 62 | 4.47 | | |
| | | | | | | 64 | 4.14 | | |
| | | | 484T | 3.5 | 65 | 4.42 | | | |
| | | | | | 66 | 4.18 | | | |
| | | | | | 67 | 4.12 | | | |
| | | | 996T | 3.5 | - | 3.82 | | | |
| | | | | | SU | - | | | |
| | | | 5 610 | | | 26T | 2 | 0 | 2.46 |
| | | | | | | | | 18 | 1.46 |
| | | | | | | | | 36 | 1.50 |
| | | | | | | 52T | 3.5 | 37 | 3.53 |
| | | | | | | | | 45 | 2.40 |
| | | | | | | | | 52 | 2.67 |
| | | | | | | 106T | 3.5 | 53 | 4.53 |
| 57 | 3.58 | | | | | | | | |
| 60 | 3.71 | | | | | | | | |
| 242T | 3.5 | 61 | | | | 4.50 | | | |
| | | 62 | | | | 3.83 | | | |
| | | 64 | | | | 3.78 | | | |
| 484T | 3.5 | 65 | 4.19 | | | | | | |
| | | 66 | 3.61 | | | | | | |
| | | 67 | 3.74 | | | | | | |
| 996T | 3.5 | - | 3.29 | | | | | | |
| SU | 3.5 | - | 3.29 | | | | | | |
| 11ax80 | U-NII 3 | MCS0 | 5 775 | 26T | 4 | 0 | 4.70 | | |
| | | | | | | 18 | 3.77 | | |
| | | | | | | 36 | 3.36 | | |
| | | | | 52T | 4 | 37 | 4.59 | | |
| | | | | | | 45 | 3.59 | | |
| | | | | | | 52 | 3.30 | | |
| | | | | 106T | 4 | 53 | 4.70 | | |
| | | | | | | 57 | 3.51 | | |
| | | | | | | 60 | 3.29 | | |
| | | | | 242T | 4 | 61 | 4.69 | | |
| | | | | | | 62 | 4.28 | | |
| | | | | | | 64 | 3.29 | | |
| | | | | 484T | 4 | 65 | 4.39 | | |
| | | | | | | 66 | 3.17 | | |
| | | | | | | 67 | 3.68 | | |
| | | | | 996T | 4 | - | 3.30 | | |
| | | | | SU | 4 | - | 3.30 | | |

Appendix E.4.6 WLAN 5GHz WLAN MIMO

| Mode | Band | DataRate | Frequency | Target | Average Power | | |
|----------|----------|----------|-----------|--------|---------------|-----|------|
| 11a | U-NII 1 | 6M | 5 180 | 2 | 2.30 | | |
| | | | 5 220 | | 1.53 | | |
| | | | 5 240 | | 1.13 | | |
| | | | 5 260 | | 2.07 | | |
| | U-NII 2A | | 5 300 | 2 | 1.81 | | |
| | | | 5 320 | | 1.66 | | |
| | | | 5 500 | | 2.81 | | |
| | U-NII 2C | | 5 580 | 3.5 | 3.04 | | |
| | | | 5 700 | | 3.51 | | |
| | | | 5 745 | | 4.51 | | |
| | U-NII 3 | | 5 785 | 4 | 3.95 | | |
| | | | 5 825 | | -2.60 | | |
| 5 180 | | 2.21 | | | | | |
| 11n20 | U-NII 1 | MCS0 | 5 220 | 2 | 1.53 | | |
| | | | 5 240 | | 1.04 | | |
| | | | 5 260 | | 1.91 | | |
| | | | 5 300 | | 1.67 | | |
| | U-NII 2A | | 5 320 | 2 | 1.46 | | |
| | | | 5 500 | | 2.50 | | |
| | | | 5 580 | | 2.76 | | |
| | U-NII 2C | | 5 700 | 3.5 | 3.28 | | |
| | | | 5 745 | | 4.33 | | |
| | | | 5 785 | | 3.68 | | |
| | U-NII 3 | | 5 825 | 4 | -3.37 | | |
| | | | 5 180 | | 2.11 | | |
| 5 220 | | 1.57 | | | | | |
| 11ac20 | U-NII 1 | MCS0 | 5 240 | 2 | 1.01 | | |
| | | | 5 260 | | 0.91 | | |
| | | | 5 300 | | 0.66 | | |
| | | | 5 320 | | 0.44 | | |
| | U-NII 2A | | 5 500 | 3.5 | 2.47 | | |
| | | | 5 580 | | 2.68 | | |
| | | | 5 700 | | 3.19 | | |
| | U-NII 2C | | 5 745 | 4 | 4.28 | | |
| | | | 5 785 | | 3.65 | | |
| | | | 5 825 | | -3.66 | | |
| | 11n40 | | U-NII 1 | MCS0 | 5 190 | 2 | 2.01 |
| | | | | | 5 230 | | 1.14 |
| 5 270 | | 0.80 | | | | | |
| 5 310 | | 0.44 | | | | | |
| U-NII 2A | | 5 510 | 3.5 | | 3.40 | | |
| | | 5 550 | | | 3.71 | | |
| | | 5 670 | | | 4.17 | | |
| U-NII 2C | | 5 755 | 4 | | 4.98 | | |
| | | 5 795 | | | 4.52 | | |
| | | 5 190 | | | 1.99 | | |
| 11ac40 | | U-NII 1 | MCS0 | | 5 230 | 2 | 1.17 |
| | | | | | 5 270 | | 0.80 |
| | 5 310 | | | 0.41 | | | |
| | 5 510 | | | 3.25 | | | |
| | U-NII 2A | 5 550 | | 3.5 | 3.84 | | |
| | | 5 670 | | | 4.09 | | |
| | | 5 755 | | | 4.96 | | |
| | U-NII 2C | 5 795 | | 4 | 4.47 | | |
| | | 5 210 | | | 2 | | |
| | | 5 290 | | | 2 | | |
| | 11ac80 | U-NII 1 | | MCS0 | 5 530 | 3.5 | 2.88 |
| | | | | | 5 610 | | 3.11 |
| 5 775 | | | 3.94 | | | | |
| 5 210 | | | 1.89 | | | | |
| U-NII 2A | | 5 290 | 2 | | 0.96 | | |
| | | 5 530 | | | 2.88 | | |
| | | 5 610 | | | 3.11 | | |
| U-NII 2C | | 5 775 | 4 | | 3.94 | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average Power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax20 | U-NII 1 | MCS0 | 5 180 | 26T | -1 | 0 | -0.22 |
| | | | | | | 4 | -0.54 |
| | | | | | | 8 | 0.36 |
| | | | | 52T | 1 | 37 | 1.69 |
| | | | | | | 38 | 1.95 |
| | | | | | | 40 | 2.14 |
| | | | 106T | 2 | 53 | 1.15 | |
| | | | | | 54 | 1.67 | |
| | | | | | 61 | 2.21 | |
| | | | 5 220 | 26T | -1 | - | 2.25 |
| | | | | | | 0 | -2.25 |
| | | | | | | 4 | -2.50 |
| | | | | 52T | 1 | 8 | -2.03 |
| | | | | | | 37 | 1.16 |
| | | | | | | 38 | 1.34 |
| | | | 106T | 2 | 40 | 1.40 | |
| | | | | | 53 | 1.41 | |
| | | | | | 54 | 1.35 | |
| | | | 5 240 | 242T | 2 | 61 | 1.30 |
| | | | | | | - | 1.51 |
| | | | | | | 2 | - |
| | | | | 26T | -1 | 0 | -2.66 |
| | | | | | | 4 | -2.90 |
| | | | | | | 8 | -2.37 |
| 52T | 1 | 37 | 0.59 | | | | |
| | | 38 | 0.73 | | | | |
| | | 40 | 0.77 | | | | |
| 106T | 2 | 53 | 0.74 | | | | |
| | | 54 | 0.73 | | | | |
| | | 61 | 0.72 | | | | |
| 242T | 2 | 61 | 0.72 | | | | |
| | | - | 0.89 | | | | |
| | | 2 | - | | | | |
| 11ax20 | U-NII 2A | MCS0 | 5 260 | 26T | -1 | 0 | -2.54 |
| | | | | | | 4 | -2.69 |
| | | | | | | 8 | -2.04 |
| | | | | 52T | 1 | 37 | 0.46 |
| | | | | | | 38 | 0.66 |
| | | | | | | 40 | 0.77 |
| | | | 106T | 2 | 53 | 0.70 | |
| | | | | | 54 | 0.72 | |
| | | | | | 61 | 0.66 | |
| | | | 5 300 | 242T | 2 | - | 0.82 |
| | | | | | | 0 | -2.55 |
| | | | | | | 4 | -2.88 |
| | | | | 26T | -1 | 8 | -2.43 |
| | | | | | | 37 | 0.17 |
| | | | | | | 38 | 0.30 |
| | | | 52T | 1 | 40 | 0.15 | |
| | | | | | 53 | 0.43 | |
| | | | | | 54 | 0.14 | |
| | | | 106T | 2 | 61 | 0.21 | |
| | | | | | - | 1.40 | |
| | | | | | 2 | - | |
| | | | 5 320 | 26T | -1 | 0 | -2.71 |
| | | | | | | 4 | -2.88 |
| | | | | | | 8 | -2.55 |
| 52T | 1 | 37 | | -0.11 | | | |
| | | 38 | | -0.03 | | | |
| | | 40 | | -0.06 | | | |
| 106T | 2 | 53 | 0.19 | | | | |
| | | 54 | 0.18 | | | | |
| | | 61 | 0.12 | | | | |
| 242T | 2 | 61 | 0.12 | | | | |
| | | - | 0.26 | | | | |
| | | 2 | - | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average Power |
|--------|----------|----------|-----------|--------|--------|-----------|---------------|
| 11ax20 | U-NII 2C | MCS0 | 5 500 | 26T | 2 | 0 | 1.84 |
| | | | | | | 4 | 1.60 |
| | | | | | | 8 | 1.98 |
| | | | | 52T | 3.5 | 37 | 3.77 |
| | | | | | | 38 | 3.59 |
| | | | | | | 40 | 3.55 |
| | | | | 106T | 3.5 | 53 | 3.61 |
| | | | | | | 54 | 3.67 |
| | | | | | | - | - |
| | | | | 242T | 3.5 | 61 | 3.62 |
| | | | | | | - | - |
| | | | | | | SU | 3.5 |
| | | | 5 580 | 26T | 2 | 0 | 2.22 |
| | | | | | | 4 | 1.61 |
| | | | | | | 8 | 1.98 |
| | | | | 52T | 3.5 | 37 | 3.89 |
| | | | | | | 38 | 3.80 |
| | | | | | | 40 | 3.79 |
| | | | | 106T | 3.5 | 53 | 3.88 |
| | | | | | | 54 | 3.83 |
| | | | | | | - | - |
| | | | | 242T | 3.5 | 61 | 3.85 |
| | | | | | | - | - |
| | | | | | | SU | 3.5 |
| 5 700 | 26T | 2 | 0 | 2.74 | | | |
| | | | 4 | 2.53 | | | |
| | | | 8 | 3.23 | | | |
| | 52T | 3.5 | 37 | 4.56 | | | |
| | | | 38 | 4.58 | | | |
| | | | 40 | 4.99 | | | |
| | 106T | 3.5 | 53 | 4.67 | | | |
| | | | 54 | 4.91 | | | |
| | | | - | - | | | |
| | 242T | 3.5 | 61 | 4.74 | | | |
| | | | - | - | | | |
| | | | SU | 3.5 | | | |
| 11ax20 | U-NII 3 | MCS0 | 5 745 | 26T | 4 | 0 | 4.94 |
| | | | | | | 4 | 4.27 |
| | | | | | | 8 | 4.56 |
| | | | | 52T | 4 | 37 | 4.74 |
| | | | | | | 38 | 4.61 |
| | | | | | | 40 | 4.43 |
| | | | | 106T | 4 | 53 | 4.74 |
| | | | | | | 54 | 4.39 |
| | | | | | | - | - |
| | | | | 242T | 4 | 61 | 4.63 |
| | | | | | | - | - |
| | | | | | | SU | 4 |
| | | | 5 785 | 26T | 4 | 0 | 3.94 |
| | | | | | | 4 | 3.78 |
| | | | | | | 8 | 3.83 |
| | | | | 52T | 4 | 37 | 4.10 |
| | | | | | | 38 | 4.04 |
| | | | | | | 40 | 3.71 |
| | | | | 106T | 4 | 53 | 4.26 |
| | | | | | | 54 | 3.70 |
| | | | | | | - | - |
| | | | | 242T | 4 | 61 | 3.96 |
| | | | | | | - | - |
| | | | | | | SU | 4 |
| 5 825 | 26T | 4 | 0 | 5.42 | | | |
| | | | 4 | -1.20 | | | |
| | | | 8 | -10.98 | | | |
| | 52T | 4 | 37 | 4.92 | | | |
| | | | 38 | 2.43 | | | |
| | | | 40 | -8.22 | | | |
| | 106T | 4 | 53 | 4.01 | | | |
| | | | 54 | -5.01 | | | |
| | | | - | - | | | |
| | 242T | 4 | 61 | 3.11 | | | |
| | | | - | - | | | |
| | | | SU | 4 | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average Power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax40 | U-NII 1 | MCS0 | 5 190 | 26T | -1 | 0 | -0.51 |
| | | | | | | 9 | -0.74 |
| | | | | | | 17 | -0.05 |
| | | | | 52T | 1 | 37 | 0.84 |
| | | | | | | 41 | 0.73 |
| | | | | | | 44 | 0.89 |
| | | | | 106T | 2 | 53 | 1.86 |
| | | | | | | 54 | 1.86 |
| | | | | | | 56 | 1.69 |
| | | | | 242T | 2 | 61 | 1.84 |
| | | | 62 | | | 1.61 | |
| | | | 484T | 2 | 65 | 1.63 | |
| | | | | | - | 1.93 | |
| | | | 5 230 | 26T | -1 | 0 | -1.72 |
| | | | | | | 9 | -2.27 |
| | | | | | | 17 | -2.09 |
| | | | | 52T | 1 | 37 | 0.39 |
| | | | | | | 41 | -0.16 |
| | | | | | | 44 | -0.09 |
| | | | | 106T | 2 | 53 | 1.43 |
| 54 | 1.16 | | | | | | |
| 56 | 0.65 | | | | | | |
| 242T | 2 | 61 | | 0.92 | | | |
| | | 62 | 0.58 | | | | |
| 484T | 2 | 65 | 0.74 | | | | |
| | | - | 2.28 | | | | |
| 11ax40 | U-NII 2A | MCS0 | 5 270 | 26T | -1 | 0 | -2.26 |
| | | | | | | 9 | -2.76 |
| | | | | | | 17 | -2.60 |
| | | | | 52T | 1 | 37 | -0.10 |
| | | | | | | 41 | -0.46 |
| | | | | | | 44 | -0.54 |
| | | | | 106T | 2 | 53 | 0.80 |
| | | | | | | 54 | 0.60 |
| | | | | | | 56 | 0.24 |
| | | | | 242T | 2 | 61 | 0.43 |
| | | | 62 | | | 0.29 | |
| | | | 484T | 2 | 65 | 0.42 | |
| | | | | | - | 0.85 | |
| | | | 5 310 | 26T | -1 | 0 | -2.36 |
| | | | | | | 9 | -2.89 |
| | | | | | | 17 | -2.74 |
| | | | | 52T | 1 | 37 | -0.20 |
| | | | | | | 41 | -0.98 |
| | | | | | | 44 | -0.92 |
| | | | | 106T | 2 | 53 | 0.70 |
| 54 | 0.26 | | | | | | |
| 56 | 0.20 | | | | | | |
| 242T | 2 | 61 | | 0.21 | | | |
| | | 62 | 0.11 | | | | |
| 484T | 2 | 65 | 0.06 | | | | |
| | | - | 1.39 | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average Power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax40 | U-NII 2C | MCS0 | 5 510 | 26T | 2 | 0 | 1.71 |
| | | | | | | 9 | 1.15 |
| | | | | | | 17 | 0.93 |
| | | | | 52T | 3.5 | 37 | 3.63 |
| | | | | | | 41 | 3.11 |
| | | | | | | 44 | 2.94 |
| | | | | 106T | 3.5 | 53 | 3.70 |
| | | | | | | 54 | 3.37 |
| | | | | | | 56 | 2.97 |
| | | | | 242T | 3.5 | 61 | 3.48 |
| | | | | | | 62 | 2.99 |
| | | | | | | 65 | 3.27 |
| | | | 484T | 3.5 | 65 | 3.27 | |
| | | | | | - | 3.91 | |
| | | | | | SU | 3.5 | - |
| | | | 5 550 | 26T | 2 | 0 | 2.04 |
| | | | | | | 9 | 1.68 |
| | | | | | | 17 | 1.90 |
| | | | | 52T | 3.5 | 37 | 3.94 |
| | | | | | | 41 | 3.61 |
| | | | | | | 44 | 3.81 |
| | | | | 106T | 3.5 | 53 | 3.81 |
| | | | | | | 54 | 3.67 |
| | | | | | | 56 | 3.81 |
| 242T | 3.5 | 61 | | 3.74 | | | |
| | | 62 | | 3.65 | | | |
| | | 65 | | 3.70 | | | |
| 484T | 3.5 | 65 | 3.70 | | | | |
| | | - | 4.36 | | | | |
| | | SU | 3.5 | - | 4.36 | | |
| 5 670 | 26T | 2 | 0 | 2.07 | | | |
| | | | 9 | 1.51 | | | |
| | | | 17 | 1.80 | | | |
| | 52T | 3.5 | 37 | 4.11 | | | |
| | | | 41 | 3.59 | | | |
| | | | 44 | 3.91 | | | |
| | 106T | 3.5 | 53 | 4.14 | | | |
| | | | 54 | 3.77 | | | |
| | | | 56 | 3.77 | | | |
| | 242T | 3.5 | 61 | 3.91 | | | |
| | | | 62 | 3.65 | | | |
| | | | 65 | 3.74 | | | |
| 484T | 3.5 | 65 | 3.74 | | | | |
| | | - | 4.27 | | | | |
| | | SU | 3.5 | - | 4.27 | | |
| 11ax40 | U-NII 3 | MCS0 | 5 755 | 26T | 4 | 0 | 5.05 |
| | | | | | | 9 | 4.23 |
| | | | | | | 17 | 3.86 |
| | | | | 52T | 4 | 37 | 5.41 |
| | | | | | | 41 | 4.18 |
| | | | | | | 44 | 3.91 |
| | | | | 106T | 4 | 53 | 5.30 |
| | | | | | | 54 | 4.71 |
| | | | | | | 56 | 3.88 |
| | | | | 242T | 4 | 61 | 4.94 |
| | | | | | | 62 | 3.97 |
| | | | | | | 65 | 4.47 |
| | | | 484T | 4 | 65 | 4.47 | |
| | | | | | - | 5.44 | |
| | | | | | SU | 4 | - |
| | | | 5 795 | 26T | 4 | 0 | 5.45 |
| | | | | | | 9 | 4.06 |
| | | | | | | 17 | 2.40 |
| | | | | 52T | 4 | 37 | 5.22 |
| | | | | | | 41 | 3.99 |
| | | | | | | 44 | 2.70 |
| | | | | 106T | 4 | 53 | 5.16 |
| | | | | | | 54 | 4.45 |
| | | | | | | 56 | 3.03 |
| 242T | 4 | 61 | | 4.77 | | | |
| | | 62 | | 3.39 | | | |
| | | 65 | | 4.18 | | | |
| 484T | 4 | 65 | 4.18 | | | | |
| | | - | 5.90 | | | | |
| | | SU | 4 | - | 5.90 | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average Power |
|--------|----------|----------|-----------|-------|--------|-----------|---------------|
| 11ax80 | U-NII 1 | MCS0 | 5 210 | 26T | -1 | 0 | -0.40 |
| | | | | | | 18 | -0.89 |
| | | | | | | 36 | -0.95 |
| | | | | 52T | 1 | 37 | 2.05 |
| | | | | | | 45 | 1.06 |
| | | | | | | 52 | 1.29 |
| | | | | 106T | 2 | 53 | 1.38 |
| | | | | | | 57 | 1.06 |
| | | | | | | 60 | 1.04 |
| | | | | 242T | 2 | 61 | 2.21 |
| | | | | | | 62 | 1.95 |
| | | | | | | 64 | 2.05 |
| | | | | 484T | 2 | 65 | 2.17 |
| | | | | | | 66 | 2.05 |
| 67 | 2.02 | | | | | | |
| 996T | 2 | 67 | 2.02 | | | | |
| SU | 2 | - | 2.30 | | | | |
| 11ax80 | U-NII 2A | MCS0 | 5 290 | 26T | -1 | 0 | -0.83 |
| | | | | | | 18 | -1.58 |
| | | | | | | 36 | -1.32 |
| | | | | 52T | 1 | 37 | 1.12 |
| | | | | | | 45 | 0.32 |
| | | | | | | 52 | 0.64 |
| | | | | 106T | 2 | 53 | 0.87 |
| | | | | | | 57 | 0.23 |
| | | | | | | 60 | 0.34 |
| | | | | 242T | 2 | 61 | 1.90 |
| | | | | | | 62 | 1.48 |
| | | | | | | 64 | 1.36 |
| | | | | 484T | 2 | 65 | 1.55 |
| | | | | | | 66 | 1.23 |
| 67 | 1.32 | | | | | | |
| 996T | 2 | 67 | 1.32 | | | | |
| SU | 2 | - | 1.94 | | | | |
| 11ax80 | U-NII 2C | MCS0 | 5 530 | 26T | 2 | 0 | 2.58 |
| | | | | | | 18 | 2.22 |
| | | | | | | 36 | 1.98 |
| | | | | 52T | 3.5 | 37 | 4.28 |
| | | | | | | 45 | 3.78 |
| | | | | | | 52 | 3.65 |
| | | | | 106T | 3.5 | 53 | 4.18 |
| | | | | | | 57 | 3.74 |
| | | | | | | 60 | 3.53 |
| | | | | 242T | 3.5 | 61 | 4.08 |
| | | | | | | 62 | 3.90 |
| | | | | | | 64 | 3.52 |
| | | | | 484T | 3.5 | 65 | 3.83 |
| | | | | | | 66 | 3.51 |
| | 67 | 3.53 | | | | | |
| | 996T | 3.5 | 67 | 3.53 | | | |
| | SU | 3.5 | - | 4.34 | | | |
| | 5 610 | MCS0 | | 26T | 2 | 0 | 2.45 |
| | | | | | | 18 | 1.64 |
| | | | | | | 36 | 1.67 |
| | | | | 52T | 3.5 | 37 | 4.11 |
| | | | | | | 45 | 3.26 |
| | | | | | | 52 | 3.41 |
| | | | | 106T | 3.5 | 53 | 4.09 |
| | | | | | | 57 | 3.18 |
| | | | | | | 60 | 3.21 |
| | | | | 242T | 3.5 | 61 | 3.97 |
| | | | | | | 62 | 3.52 |
| 64 | | | | | | 3.12 | |
| 484T | | | | 3.5 | 65 | 3.61 | |
| | | | | | 66 | 3.07 | |
| | 67 | 3.47 | | | | | |
| 996T | 3.5 | 67 | 3.47 | | | | |
| SU | 3.5 | - | 4.78 | | | | |
| 11ax80 | U-NII 3 | MCS0 | 5 775 | 26T | 4 | 0 | 5.03 |
| | | | | | | 18 | 4.13 |
| | | | | | | 36 | 4.00 |
| | | | | 52T | 4 | 37 | 4.89 |
| | | | | | | 45 | 4.10 |
| | | | | | | 52 | 3.92 |
| | | | | 106T | 4 | 53 | 4.81 |
| | | | | | | 57 | 3.99 |
| | | | | | | 60 | 3.80 |
| | | | | 242T | 4 | 61 | 4.87 |
| | | | | | | 62 | 4.52 |
| | | | | | | 64 | 3.81 |
| | | | | 484T | 4 | 65 | 4.56 |
| | | | | | | 66 | 3.82 |
| 67 | 4.08 | | | | | | |
| 996T | 4 | 67 | 4.08 | | | | |
| SU | 4 | - | 5.58 | | | | |

Appendix E.4.7 WLAN 6GHz WLAN Ant3

| Mode | Band | DataRate | Frequency | Target | Average Power |
|------|---------|----------|-----------|--------|---------------|
| 11a | U-NII 5 | 6M | 5 955 | -3 | -2.73 |
| | | | 6 175 | | -3.12 |
| | | | 6 415 | | -2.56 |
| | U-NII 7 | | 6 535 | | -3.06 |
| | | | 6 695 | | -3.39 |
| | | | 6 855 | | -3.49 |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | |
|--------|---------|----------|-----------|--------|--------|-----------|---------------|-------|
| 11ax20 | U-NII 5 | MCS0 | 5 955 | 26T | -9 | 0 | -13.59 | |
| | | | | | | 4 | -11.26 | |
| | | | | | | 8 | -9.23 | |
| | | | | 52T | -7 | 37 | -10.71 | |
| | | | | | | 38 | -8.89 | |
| | | | | | | 40 | -6.15 | |
| | | | | 106T | -5 | 53 | -7.48 | |
| | | | | | | 54 | -4.52 | |
| | | | | | | 61 | -3.62 | |
| | | | | SU | -3 | - | -4.57 | |
| | | | | | | 0 | -9.08 | |
| | | | | | | 4 | -9.38 | |
| | | | 6 175 | 26T | -9 | 8 | -8.81 | |
| | | | | | | 37 | -6.06 | |
| | | | | | | 38 | -6.23 | |
| | | | | 52T | -7 | 40 | -6.13 | |
| | | | | | | 53 | -5.04 | |
| | | | | | | 54 | -4.84 | |
| | | | | 106T | -5 | 61 | -3.84 | |
| | | | | | | - | -4.61 | |
| | | | | | | 0 | -8.50 | |
| | | | | SU | -3 | 4 | -9.05 | |
| | | | | | | 8 | -8.89 | |
| | | | | | | 37 | -6.82 | |
| 6 415 | 52T | -7 | 38 | -7.05 | | | | |
| | | | 40 | -6.94 | | | | |
| | | | 53 | -4.72 | | | | |
| | 106T | -5 | 54 | -4.66 | | | | |
| | | | 61 | -4.01 | | | | |
| | | | - | -2.76 | | | | |
| | SU | -3 | 0 | -9.74 | | | | |
| | | | 4 | -10.42 | | | | |
| | | | 8 | -10.03 | | | | |
| | 11ax20 | U-NII 7 | MCS0 | 6 535 | 26T | -9 | 37 | -7.12 |
| | | | | | | | 38 | -7.40 |
| | | | | | | | 40 | -7.54 |
| 52T | | | | | -7 | 53 | -4.08 | |
| | | | | | | 54 | -4.46 | |
| | | | | | | 61 | -2.26 | |
| SU | | | | | -3 | - | -3.07 | |
| | | | | | | 0 | -9.08 | |
| | | | | | | 4 | -9.42 | |
| 6 695 | | | | | 26T | -9 | 8 | -8.88 |
| | | | | | | | 37 | -7.15 |
| | | | | | | | 38 | -7.44 |
| | | | | 52T | -7 | 40 | -7.32 | |
| | | | | | | 53 | -4.27 | |
| | | | | | | 54 | -4.42 | |
| | | | | 106T | -5 | 61 | -2.49 | |
| | | | | | | - | -3.29 | |
| | | | | | | 0 | -7.51 | |
| | | | | 6 855 | 26T | -9 | 4 | -7.81 |
| | | | | | | | 8 | -7.28 |
| | | | | | | | 37 | -5.58 |
| 52T | | | | | -7 | 38 | -5.81 | |
| | | | | | | 40 | -5.65 | |
| | | | | | | 53 | -4.54 | |
| 106T | -5 | 54 | -4.49 | | | | | |
| | | 61 | -2.47 | | | | | |
| | | - | -3.28 | | | | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | | |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|-------|-------|
| | | | | | | | | | |
| 11ax40 | U-NII 5 | MCS0 | 5 965 | 26T | -9 | 0 | -18.03 | | |
| | | | | | | 9 | -12.48 | | |
| | | | | | | 17 | -8.54 | | |
| | | | | 52T | -7 | 37 | -16.09 | | |
| | | | | | | 41 | -10.41 | | |
| | | | | | | 44 | -6.86 | | |
| | | | | 106T | -5 | 53 | -13.14 | | |
| | | | | | | 54 | -10.22 | | |
| | | | 56 | | | -4.14 | | | |
| | | | 242T | -3 | 61 | -7.51 | | | |
| | | | | | 62 | -3.40 | | | |
| | | | | | 65 | -2.54 | | | |
| | | | 484T | -1 | - | -2.81 | | | |
| | | | | | SU | -1 | - | -8.61 | |
| | | | | | 0 | -9.01 | | | |
| | | | 6 145 | 26T | -9 | 6 145 | -9 | 9 | -9.31 |
| | | | | | | | | 17 | -6.63 |
| | | | | | | | | 37 | -7.11 |
| | | | | 52T | -7 | 41 | -7.31 | | |
| | | | | | | 44 | -4.69 | | |
| | | | | | | 53 | -4.96 | | |
| | | | | 106T | -5 | 54 | -5.25 | | |
| | | | | | | 56 | -3.77 | | |
| | | | 61 | | | -4.09 | | | |
| 242T | -3 | 62 | -0.76 | | | | | | |
| | | 65 | -0.98 | | | | | | |
| | | - | -9.02 | | | | | | |
| 6 405 | 26T | -9 | 6 405 | -9 | 9 | -9.73 | | | |
| | | | | | 17 | -9.56 | | | |
| | | | | | 37 | -6.76 | | | |
| | 52T | -7 | 41 | -6.83 | | | | | |
| | | | 44 | -6.86 | | | | | |
| | | | 53 | -5.05 | | | | | |
| | 106T | -5 | 54 | -5.21 | | | | | |
| | | | 56 | -5.42 | | | | | |
| 61 | | | -2.25 | | | | | | |
| 242T | -3 | 62 | -2.33 | | | | | | |
| | | 65 | -1.13 | | | | | | |
| | | - | -1.35 | | | | | | |
| 484T | -1 | - | -9.25 | | | | | | |
| | | SU | -1 | -9.91 | | | | | |
| | | 0 | -9.74 | | | | | | |
| 11ax40 | U-NII 7 | MCS0 | 6 565 | 26T | -9 | 17 | -9.74 | | |
| | | | | | | 37 | -7.41 | | |
| | | | | | | 41 | -8.10 | | |
| | | | | 52T | -7 | 44 | -7.90 | | |
| | | | | | | 53 | -5.44 | | |
| | | | | | | 54 | -5.67 | | |
| | | | | 106T | -5 | 56 | -5.92 | | |
| | | | | | | 61 | -2.55 | | |
| | | | 62 | | | -2.84 | | | |
| | | | 242T | -3 | 65 | -0.56 | | | |
| | | | | | - | -0.68 | | | |
| | | | | | SU | -1 | -8.67 | | |
| | | | 6 685 | 26T | -9 | 6 685 | -9 | 9 | -8.98 |
| | | | | | | | | 17 | -8.84 |
| | | | | | | | | 37 | -6.66 |
| | | | | 52T | -7 | 41 | -6.88 | | |
| | | | | | | 44 | -6.78 | | |
| | | | | | | 53 | -3.36 | | |
| | | | | 106T | -5 | 54 | -3.90 | | |
| | | | | | | 56 | -4.40 | | |
| | | | 61 | | | -2.64 | | | |
| | | | 242T | -3 | 62 | -3.29 | | | |
| | | | | | 65 | -1.71 | | | |
| | | | | | - | -1.92 | | | |
| 6 845 | 26T | -9 | 6 845 | -9 | 0 | -9.45 | | | |
| | | | | | 9 | -9.32 | | | |
| | | | | | 17 | -8.70 | | | |
| | 52T | -7 | 37 | -7.52 | | | | | |
| | | | 41 | -7.17 | | | | | |
| | | | 44 | -6.63 | | | | | |
| | 106T | -5 | 53 | -5.54 | | | | | |
| | | | 54 | -5.41 | | | | | |
| 56 | | | -4.74 | | | | | | |
| 242T | -3 | 61 | -2.05 | | | | | | |
| | | 62 | -2.07 | | | | | | |
| | | 65 | -0.87 | | | | | | |
| 484T | -1 | - | -1.10 | | | | | | |
| | | SU | -1 | - | | | | | |
| | | 0 | - | | | | | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|
| | | | | | | | |
| 11ax80 | U-NII 5 | MCS0 | 5 985 | 26T | -9 | 0 | -17.80 |
| | | | | | | 18 | -8.48 |
| | | | | | | 36 | -10.90 |
| | | | | 52T | -7 | 37 | -15.20 |
| | | | | | | 45 | -5.41 |
| | | | | | | 52 | -8.42 |
| | | | | 106T | -5 | 53 | -13.08 |
| | | | | | | 57 | -3.59 |
| | | | | | | 60 | -6.28 |
| | | | | 242T | -3 | 61 | -8.30 |
| | | | | | | 62 | -4.30 |
| | | | | | | 64 | -1.58 |
| | | | 484T | -1 | 65 | -4.93 | |
| | | | | | 66 | -0.37 | |
| | | | | | 67 | 0.36 | |
| | | | SU | 1 | - | 1.12 | |
| | | | 6 145 | 26T | -9 | 0 | -8.85 |
| | | | | | | 18 | -8.52 |
| | | | | | | 36 | -8.49 |
| | | | | 52T | -7 | 37 | -6.65 |
| | | | | | | 45 | -6.02 |
| | | | | | | 52 | -6.11 |
| | | | | 106T | -5 | 53 | -4.02 |
| | | | | | | 57 | -4.63 |
| | | | | | | 60 | -4.72 |
| | | | | 242T | -3 | 61 | -3.01 |
| | | | | | | 62 | -3.49 |
| | | | | | | 64 | -3.55 |
| | | | 484T | -1 | 65 | -1.41 | |
| | | | | | 66 | -1.36 | |
| | | | | | 67 | 1.50 | |
| | | | SU | 1 | - | 1.08 | |
| | | | 6 385 | 26T | -9 | 0 | -7.77 |
| | | | | | | 18 | -8.77 |
| | | | | | | 36 | -10.28 |
| | | | | 52T | -7 | 37 | -5.44 |
| 45 | -7.06 | | | | | | |
| 52 | -8.03 | | | | | | |
| 106T | -5 | 53 | | -3.51 | | | |
| | | 57 | | -4.94 | | | |
| | | 60 | | -6.11 | | | |
| 242T | -3 | 61 | | -2.76 | | | |
| | | 62 | | -3.44 | | | |
| | | 64 | | -4.88 | | | |
| 484T | -1 | 65 | -1.55 | | | | |
| | | 66 | -1.63 | | | | |
| | | 67 | -1.44 | | | | |
| SU | 1 | - | -1.04 | | | | |
| 11ax80 | U-NII 7 | MCS0 | 6 625 | 26T | -9 | 0 | -9.82 |
| | | | | | | 18 | -10.27 |
| | | | | | | 36 | -10.20 |
| | | | | 52T | -7 | 37 | -7.05 |
| | | | | | | 45 | -8.28 |
| | | | | | | 52 | -8.35 |
| | | | | 106T | -5 | 53 | -5.13 |
| | | | | | | 57 | -6.23 |
| | | | | | | 60 | -6.43 |
| | | | | 242T | -3 | 61 | -3.13 |
| | | | | | | 62 | -3.79 |
| | | | | | | 64 | -4.29 |
| | | | 484T | -1 | 65 | -1.71 | |
| | | | | | 66 | -2.50 | |
| | | | | | 67 | -1.03 | |
| | | | SU | 1 | - | -1.47 | |
| | | | 6 705 | 26T | -9 | 0 | -9.16 |
| | | | | | | 18 | -9.65 |
| | | | | | | 36 | -9.30 |
| | | | | 52T | -7 | 37 | -6.75 |
| | | | | | | 45 | -7.61 |
| | | | | | | 52 | -7.59 |
| | | | | 106T | -5 | 53 | -4.26 |
| | | | | | | 57 | -5.22 |
| | | | | | | 60 | -5.31 |
| | | | | 242T | -3 | 61 | -2.56 |
| | | | | | | 62 | -3.08 |
| | | | | | | 64 | -3.39 |
| | | | 484T | -1 | 65 | -0.96 | |
| | | | | | 66 | -1.48 | |
| | | | | | 67 | 1.53 | |
| | | | SU | 1 | - | 1.16 | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|
| 11ax80 | U-NII 7 | MCS0 | 6 785 | 26T | -9 | 0 | -9.06 |
| | | | | | | 18 | -8.84 |
| | | | | | | 36 | -8.58 |
| | | | | 52T | -7 | 37 | -7.15 |
| | | | | | | 45 | -6.84 |
| | | | | | | 52 | -6.60 |
| | | | | 106T | -5 | 53 | -4.21 |
| | | | | | | 57 | -4.90 |
| | | | | | | 60 | -4.96 |
| | | | | 242T | -3 | 61 | -2.43 |
| | | | | | | 62 | -2.81 |
| | | | | | | 64 | -3.03 |
| | | | | 484T | -1 | 65 | -0.60 |
| | | | | | | 66 | -0.95 |
| | | | | | | 996T | 1 |
| | | | | SU | 1 | - | 1.01 |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|---------|---------|----------|-------------|--------|--------|-----------|---------------|
| | | | | | | | |
| 11ax160 | U-NII 5 | MCS0 | 6 025 (80L) | 26T | -9 | 0 | -16.23 |
| | | | | | | 18 | -7.42 |
| | | | | | | 36 | -8.93 |
| | | | | 52T | -7 | 37 | -16.15 |
| | | | | | | 45 | -6.36 |
| | | | | | | 52 | -7.92 |
| | | | | 106T | -5 | 53 | -13.09 |
| | | | | | | 57 | -4.01 |
| | | | | | | 60 | -5.86 |
| | | | | 242T | -3 | 61 | -10.07 |
| | | | 62 | | | -3.94 | |
| | | | 64 | | | -4.51 | |
| | | | 484T | -1 | 65 | -2.36 | |
| | | | | | 66 | -1.28 | |
| | | | | | 67 | 0.18 | |
| | | | 996T | 1 | 0 | -8.55 | |
| | | | | | 18 | -9.53 | |
| | | | | | 36 | -8.97 | |
| | | | 6 025 (80U) | 26T | -9 | 37 | -7.59 |
| | | | | | | 45 | -7.63 |
| | | | | | | 52 | -7.56 |
| | | | | 52T | -7 | 53 | -4.81 |
| | | | | | | 57 | -5.43 |
| | | | | | | 60 | -5.10 |
| | | | | 106T | -5 | 61 | -3.76 |
| | | | | | | 62 | -4.20 |
| | | | | | | 64 | -3.54 |
| | | | | 242T | -3 | 65 | -1.68 |
| | | | 66 | | | -1.34 | |
| | | | 67 | | | 0.81 | |
| | | 484T | -1 | 68 | 1.18 | | |
| | | | | 996*2T | 1 | - | 1.12 |
| | | | | SU | 1 | 0 | -9.98 |
| | | MCS0 | 6 185 (80L) | 26T | -9 | 18 | -9.09 |
| | | | | | | 36 | -8.17 |
| | | | | | | 37 | -8.16 |
| | | | | 52T | -7 | 45 | -7.17 |
| | | | | | | 52 | -6.53 |
| | | | | | | 53 | -6.18 |
| | | | | 106T | -5 | 57 | -5.00 |
| | | | | | | 60 | -4.33 |
| | | | | | | 61 | -3.62 |
| | | | | 242T | -3 | 62 | -3.68 |
| | | | 64 | | | -3.59 | |
| | | | 65 | | | -1.70 | |
| | | | 484T | -1 | 66 | -1.56 | |
| | | | | | 67 | -0.03 | |
| | | | | | 0 | -9.37 | |
| | | | 6 185 (80U) | 26T | -9 | 18 | -8.71 |
| | | | | | | 36 | -9.45 |
| | | | | | | 37 | -7.72 |
| | | | | 52T | -7 | 45 | -7.71 |
| | | | | | | 52 | -8.42 |
| | | | | | | 53 | -6.41 |
| | | | | 106T | -5 | 57 | -5.65 |
| | | | | | | 60 | -6.34 |
| | | | | | | 61 | -4.21 |
| | | | | 242T | -3 | 62 | -3.85 |
| | | | 64 | | | -4.07 | |
| | | | 65 | | | -2.40 | |
| | | | 484T | -1 | 66 | -1.48 | |
| | | | | | 67 | -0.30 | |
| | | | | | 996*2T | 1 | 68 |
| | | 6 185 | 1 | SU | 1 | - | 1.50 |
| | | | | 0 | -8.10 | | |
| | | | | 18 | -8.69 | | |
| | | MCS0 | 6 345 (80L) | 26T | -9 | 36 | -10.24 |
| | | | | | | 37 | -6.14 |
| | | | | | | 45 | -6.82 |
| | | | | 52T | -7 | 52 | -8.27 |
| | | | | | | 53 | -4.60 |
| | | | | | | 57 | -5.35 |
| | | | | 106T | -5 | 60 | -6.85 |
| | | | | | | 61 | -3.16 |
| | | | | | | 62 | -3.42 |
| | | | | 242T | -3 | 64 | -4.89 |
| | | 65 | -1.67 | | | | |
| | | 66 | -1.69 | | | | |
| | | 484T | -1 | 67 | -0.14 | | |
| | | | | 996T | 1 | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power | | | |
|---------|---------|----------|----------------|-------|--------|-----------|---------------|------|-------|------|
| | | | 6 345 (80U) | 26T | -9 | 0 | -10.22 | | | |
| | | | | | | 18 | -10.76 | | | |
| | | | | | | 36 | -10.26 | | | |
| | | | | 52T | -7 | 37 | -7.23 | | | |
| | | | | | | 45 | -7.51 | | | |
| | | | | | | 52 | -7.36 | | | |
| | | | | 106T | -5 | 53 | -5.32 | | | |
| | | | | | | 57 | -5.85 | | | |
| | | | | | | 60 | -5.46 | | | |
| | | | | 242T | -3 | 61 | -3.47 | | | |
| | | | | | | 62 | -3.94 | | | |
| | | | | | | 64 | -3.61 | | | |
| | | | | 484T | -1 | 65 | -1.59 | | | |
| | | | | | | 66 | -1.31 | | | |
| | | | | | | 67 | 1.42 | | | |
| | | | 6 345 | | 996T | 1 | 1.06 | | | |
| | | | | | SU | 1 | 1.70 | | | |
| 11ax160 | U-NII 7 | MCS0 | 6 665 (80L) | 26T | -9 | 0 | -8.20 | | | |
| | | | | | | 18 | -8.57 | | | |
| | | | | | | 36 | -8.75 | | | |
| | | | | 52T | -7 | 37 | -7.48 | | | |
| | | | | | | 45 | -7.92 | | | |
| | | | | | | 52 | -8.07 | | | |
| | | | | 106T | -5 | 53 | -4.06 | | | |
| | | | | | | 57 | -5.02 | | | |
| | | | | | | 60 | -5.96 | | | |
| | | | | 242T | -3 | 61 | -1.88 | | | |
| | | | | | | 62 | -2.19 | | | |
| | | | | | | 64 | -3.66 | | | |
| | | | | 484T | -1 | 65 | 0.01 | | | |
| | | | | | | 66 | -1.35 | | | |
| | | | | | | 67 | 1.01 | | | |
| | | | 6 665 (80U) | | | 26T | -9 | 0 | -8.04 | |
| | | | | | | | | 18 | -8.48 | |
| | | | | | | | | 36 | -8.57 | |
| | | | | | | 52T | -7 | 37 | -7.51 | |
| | | | | | | | | 45 | -7.53 | |
| | | | | | | | | 52 | -7.61 | |
| | | | | | | 106T | -5 | 53 | -5.56 | |
| | | | | | | | | 57 | -6.02 | |
| | | | | | | | | 60 | -6.71 | |
| | | | | | | 242T | -3 | 61 | -4.11 | |
| | | | | | | | | 62 | -4.44 | |
| | | | | | | | | 64 | -4.48 | |
| | | | | | | 484T | -1 | 65 | -2.21 | |
| | | | | | | | | 66 | -2.54 | |
| | | | | | | | | 67 | -0.75 | |
| | | | | | | 6 665 | | 996T | 1 | 0.66 |
| | | | | | | | | SU | 1 | 1.38 |

Appendix E.4.8 WLAN 6GHz WLAN MIMO

| Mode | Band | DataRate | Frequency | Target | Average power |
|------|---------|----------|-----------|--------|---------------|
| 11a | U-NII 5 | 6M | 5 955 | -3 | -2.92 |
| | | | 6 175 | | -2.21 |
| | | | 6 415 | | -2.34 |
| | U-NII 7 | | 6 535 | | -3.21 |
| | | | 6 695 | | -3.28 |
| | | | 6 855 | | -3.51 |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|
| 11ax20 | U-NII 5 | MCS0 | 5 955 | 26T | -9 | 0 | -11.70 |
| | | | | | | 4 | -11.15 |
| | | | | | | 8 | -9.12 |
| | | | | 52T | -7 | 37 | -10.08 |
| | | | | | | 38 | -8.88 |
| | | | | | | 40 | -5.95 |
| | | | 106T | -5 | 53 | -6.22 | |
| | | | | | 54 | -3.84 | |
| | | | | | 61 | -3.02 | |
| | | | 242T | -3 | - | -2.90 | |
| | | | | | SU | - | |
| | | | | | 0 | -7.68 | |
| | | | 6 175 | 26T | -9 | 4 | -8.00 |
| | | | | | | 8 | -7.57 |
| | | | | | | 37 | -5.92 |
| | | | | 52T | -7 | 38 | -6.13 |
| | | | | | | 40 | -5.73 |
| | | | | | | 53 | -4.04 |
| | | | 106T | -5 | 54 | -3.87 | |
| | | | | | 61 | -2.86 | |
| | | | | | SU | -2.83 | |
| | | | 6 415 | 26T | -9 | 0 | -8.46 |
| | | | | | | 4 | -9.00 |
| | | | | | | 8 | -8.78 |
| 52T | -7 | 37 | | -5.38 | | | |
| | | 38 | | -5.41 | | | |
| | | 40 | | -5.67 | | | |
| 106T | -5 | 53 | -4.31 | | | | |
| | | 54 | -4.61 | | | | |
| | | 61 | -3.56 | | | | |
| 242T | -3 | - | -2.57 | | | | |
| | | SU | - | | | | |
| | | 0 | -8.43 | | | | |
| 11ax20 | U-NII 7 | MCS0 | 6 535 | 26T | -9 | 4 | -8.78 |
| | | | | | | 8 | -8.22 |
| | | | | | | 37 | -6.65 |
| | | | | 52T | -7 | 38 | -6.49 |
| | | | | | | 40 | -6.38 |
| | | | | | | 53 | -4.33 |
| | | | 106T | -5 | 54 | -4.48 | |
| | | | | | 61 | -1.47 | |
| | | | | | SU | -1.17 | |
| | | | 6 695 | 26T | -9 | 0 | -8.58 |
| | | | | | | 4 | -9.01 |
| | | | | | | 8 | -8.44 |
| | | | | 52T | -7 | 37 | -6.63 |
| | | | | | | 38 | -6.69 |
| | | | | | | 40 | -6.48 |
| | | | 106T | -5 | 53 | -4.38 | |
| | | | | | 54 | -4.41 | |
| | | | | | 61 | -2.79 | |
| | | | 242T | -3 | - | -2.61 | |
| | | | | | SU | - | |
| | | | | | 0 | -8.90 | |
| | | | 6 855 | 26T | -9 | 4 | -9.31 |
| | | | | | | 8 | -8.88 |
| | | | | | | 37 | -7.00 |
| 52T | -7 | 38 | | -7.18 | | | |
| | | 40 | | -6.87 | | | |
| | | 53 | | -4.87 | | | |
| 106T | -5 | 54 | -4.77 | | | | |
| | | 61 | -3.44 | | | | |
| | | SU | -3.35 | | | | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|
| 11ax40 | U-NII 5 | MCS0 | 5 965 | 26T | -9 | 0 | -13.72 |
| | | | | | | 9 | -10.17 |
| | | | | | | 17 | -7.25 |
| | | | | 52T | -7 | 37 | -11.94 |
| | | | | | | 41 | -8.37 |
| | | | | | | 44 | -5.76 |
| | | | 106T | -5 | 53 | -9.48 | |
| | | | | | 54 | -8.10 | |
| | | | | | 56 | -3.38 | |
| | | | 242T | -3 | 61 | -6.03 | |
| | | | | | 62 | -2.71 | |
| | | | 484T | -1 | 65 | -2.11 | |
| | | | | | - | -2.08 | |
| | | | SU | -1 | - | -2.08 | |
| | | | | | 0 | -9.23 | |
| | | | 6 145 | 26T | -9 | 9 | -9.01 |
| | | | | | | 17 | -8.64 |
| | | | | | | 37 | -7.27 |
| | | | | 52T | -7 | 41 | -7.02 |
| | | | | | | 44 | -7.08 |
| | | | | | | 53 | -5.19 |
| | | | 106T | -5 | 54 | -5.50 | |
| | | | | | 56 | -5.54 | |
| | | | | | 61 | -2.38 | |
| 242T | -3 | 62 | -2.82 | | | | |
| | | 65 | -1.50 | | | | |
| 484T | -1 | - | -1.80 | | | | |
| | | 0 | -7.81 | | | | |
| 6 405 | 26T | -9 | 9 | -8.69 | | | |
| | | | 17 | -8.70 | | | |
| | | | 37 | -6.44 | | | |
| | 52T | -7 | 41 | -6.67 | | | |
| | | | 44 | -6.13 | | | |
| | | | 53 | -4.18 | | | |
| 106T | -5 | 54 | -4.27 | | | | |
| | | 56 | -4.17 | | | | |
| | | 61 | -2.21 | | | | |
| 242T | -3 | 62 | -2.23 | | | | |
| | | 65 | -0.98 | | | | |
| 484T | -1 | - | -0.29 | | | | |
| | | 0 | -8.57 | | | | |
| 11ax40 | U-NII 7 | MCS0 | 6 565 | 26T | -9 | 9 | -9.22 |
| | | | | | | 17 | -8.68 |
| | | | | | | 37 | -6.62 |
| | | | | 52T | -7 | 41 | -7.09 |
| | | | | | | 44 | -6.66 |
| | | | | | | 53 | -4.50 |
| | | | 106T | -5 | 54 | -4.77 | |
| | | | | | 56 | -4.77 | |
| | | | | | 61 | -2.40 | |
| | | | 242T | -3 | 62 | -2.75 | |
| | | | | | 65 | -1.39 | |
| | | | 484T | -1 | - | -0.67 | |
| | | | | | 0 | -8.85 | |
| | | | 6 685 | 26T | -9 | 9 | -9.07 |
| | | | | | | 17 | -8.91 |
| | | | | | | 37 | -6.81 |
| | | | | 52T | -7 | 41 | -6.93 |
| | | | | | | 44 | -6.76 |
| | | | | | | 53 | -4.83 |
| | | | 106T | -5 | 54 | -4.93 | |
| | | | | | 56 | -4.81 | |
| | | | | | 61 | -2.82 | |
| | | | 242T | -3 | 62 | -3.07 | |
| | | | | | 65 | -1.49 | |
| 484T | -1 | - | -0.90 | | | | |
| | | 0 | -8.73 | | | | |
| 6 845 | 26T | -9 | 9 | -8.72 | | | |
| | | | 17 | -8.37 | | | |
| | | | 37 | -6.57 | | | |
| | 52T | -7 | 41 | -6.45 | | | |
| | | | 44 | -6.05 | | | |
| | | | 53 | -4.60 | | | |
| 106T | -5 | 54 | -4.58 | | | | |
| | | 56 | -4.15 | | | | |
| | | 61 | -2.65 | | | | |
| 242T | -3 | 62 | -2.32 | | | | |
| | | 65 | -1.00 | | | | |
| 484T | -1 | - | -0.28 | | | | |
| | | 0 | -8.57 | | | | |

| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|--------|---------|----------|-----------|-------|--------|-----------|---------------|
| | | | | | | | |
| 11ax80 | U-NII 5 | MCS0 | 5 985 | 26T | -9 | 0 | -14.33 |
| | | | | | | 18 | -7.72 |
| | | | | | | 36 | -8.52 |
| | | | | 52T | -7 | 37 | -12.40 |
| | | | | | | 45 | -5.40 |
| | | | | | | 52 | -6.62 |
| | | | | 106T | -5 | 53 | -10.23 |
| | | | | | | 57 | -3.48 |
| | | | | | | 60 | -4.62 |
| | | | | 242T | -3 | 61 | -7.05 |
| | | | | | | 62 | -2.97 |
| | | | | | | 64 | -1.57 |
| | | | 484T | -1 | 65 | -3.30 | |
| | | | | | 66 | 0.37 | |
| | | | | | 67 | 0.63 | |
| | | | 996T | 1 | - | 1.58 | |
| | | | | | 0 | -9.03 | |
| | | | 6 145 | 26T | -9 | 18 | -8.87 |
| | | | | | | 36 | -8.12 |
| | | | | | | 37 | -5.79 |
| | | | | 52T | -7 | 45 | -6.91 |
| | | | | | | 52 | -7.08 |
| | | | | | | 53 | -4.72 |
| | | | | 106T | -5 | 57 | -4.29 |
| | | | | | | 60 | -4.01 |
| | | | | | | 61 | -3.59 |
| | | | | 242T | -3 | 62 | -3.53 |
| | | | | | | 64 | -2.75 |
| | | | | | | 65 | -1.31 |
| | | | 484T | -1 | 66 | -1.40 | |
| | | | | | 67 | 0.70 | |
| | | | | | 996T | 1 | - |
| | | | SU | 1 | - | 1.32 | |
| | | | 6 385 | 26T | -9 | 0 | -7.59 |
| | | | | | | 18 | -8.54 |
| | | | | | | 36 | -9.38 |
| 52T | -7 | 37 | | -5.14 | | | |
| | | 45 | | -6.60 | | | |
| | | 52 | | -7.38 | | | |
| 106T | -5 | 53 | | -3.26 | | | |
| | | 57 | | -4.49 | | | |
| | | 60 | | -5.52 | | | |
| 242T | -3 | 61 | | -2.38 | | | |
| | | 62 | | -3.07 | | | |
| | | 64 | | -4.56 | | | |
| 484T | -1 | 65 | -1.01 | | | | |
| | | 66 | -1.47 | | | | |
| | | 67 | 1.35 | | | | |
| 996T | 1 | - | 1.78 | | | | |
| SU | 1 | - | 1.78 | | | | |
| 11ax80 | U-NII 7 | MCS0 | 6 625 | 26T | -9 | 0 | -9.00 |
| | | | | | | 18 | -9.45 |
| | | | | | | 36 | -9.27 |
| | | | | 52T | -7 | 37 | -6.60 |
| | | | | | | 45 | -7.05 |
| | | | | | | 52 | -7.39 |
| | | | | 106T | -5 | 53 | -4.51 |
| | | | | | | 57 | -5.24 |
| | | | | | | 60 | -5.18 |
| | | | | 242T | -3 | 61 | -2.38 |
| | | | | | | 62 | -2.78 |
| | | | | | | 64 | -3.15 |
| | | | 484T | -1 | 65 | -0.28 | |
| | | | | | 66 | -0.72 | |
| | | | | | 67 | 0.29 | |
| | | | 996T | 1 | - | 0.80 | |
| | | | SU | 1 | - | 0.80 | |
| | | | 6 705 | 26T | -9 | 0 | -9.38 |
| | | | | | | 18 | -9.84 |
| | | | | | | 36 | -9.73 |
| | | | | 52T | -7 | 37 | -7.31 |
| | | | | | | 45 | -7.72 |
| | | | | | | 52 | -7.63 |
| | | | | 106T | -5 | 53 | -5.22 |
| | | | | | | 57 | -5.70 |
| | | | | | | 60 | -5.73 |
| | | | | 242T | -3 | 61 | -2.16 |
| | | | | | | 62 | -2.60 |
| | | | | | | 64 | -2.84 |
| | | | 484T | -1 | 65 | -0.50 | |
| | | | | | 66 | -1.03 | |
| | | | | | 67 | 0.12 | |
| | | | 996T | 1 | - | 0.57 | |
| | | | SU | 1 | - | 0.57 | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|------|------|----------|-----------|-------|--------|-----------|---------------|
| | | | 6 785 | 26T | -9 | 0 | -9.11 |
| | | | | | | 18 | -9.35 |
| | | | | | | 36 | -9.21 |
| | | | | 52T | -7 | 37 | -7.09 |
| | | | | | | 45 | -7.19 |
| | | | | | | 52 | -7.18 |
| | | | | | | 53 | -4.95 |
| | | | | 106T | -5 | 57 | -5.26 |
| | | | | | | 60 | -5.13 |
| | | | | | | 61 | -2.21 |
| | | | | | | 62 | -2.71 |
| | | | | 242T | -3 | 64 | -2.99 |
| | | | | | | 65 | -0.56 |
| | | | | | | 66 | -1.05 |
| | | | | 484T | -1 | 67 | 0.03 |
| | | | | | | SU | 1 |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|---------|---------|----------|-------------|-------|--------|-----------|---------------|
| | | | | | | | |
| 11ax160 | U-NII 5 | MCS0 | 6 025 (80L) | 26T | -9 | 0 | -15.40 |
| | | | | | | 18 | -7.33 |
| | | | | | | 36 | -8.80 |
| | | | | 52T | -7 | 37 | -12.98 |
| | | | | | | 45 | -4.97 |
| | | | | | | 52 | -6.57 |
| | | | | 106T | -5 | 53 | -11.45 |
| | | | | | | 57 | -4.00 |
| | | | | | | 60 | -5.61 |
| | | | | 242T | -3 | 61 | -7.24 |
| | | | 62 | | | -2.47 | |
| | | | 64 | | | -2.71 | |
| | | | 484T | -1 | 65 | -2.20 | |
| | | | | | 66 | 0.32 | |
| | | | | | 67 | 1.76 | |
| | | | 996T | 1 | 0 | -7.78 | |
| | | | | | 18 | -8.59 | |
| | | | | | 36 | -8.96 | |
| | | | 6 025 (80U) | 52T | -7 | 37 | -5.90 |
| | | | | | | 45 | -6.60 |
| | | | | | | 52 | -7.25 |
| | | | | 106T | -5 | 53 | -4.75 |
| | | | | | | 57 | -5.42 |
| | | | | | | 60 | -5.05 |
| | | | | 242T | -3 | 61 | -3.75 |
| | | | | | | 62 | -3.84 |
| | | | | | | 64 | -3.50 |
| | | | | 484T | -1 | 65 | -1.59 |
| | | | 66 | | | -1.33 | |
| | | | 67 | | | 1.48 | |
| | | 996*2T | 1 | 68 | 1.31 | | |
| | | | | SU | 1 | | |
| | | | | - | 2.08 | | |
| | | MCS0 | 6 185 (80L) | 26T | -9 | 0 | -9.55 |
| | | | | | | 18 | -8.66 |
| | | | | | | 36 | -8.73 |
| | | | | 52T | -7 | 37 | -7.65 |
| | | | | | | 45 | -6.95 |
| | | | | | | 52 | -6.45 |
| | | | | 106T | -5 | 53 | -5.34 |
| | | | | | | 57 | -4.49 |
| | | | | | | 60 | -4.34 |
| | | | | 242T | -3 | 61 | -3.58 |
| | | | 62 | | | -2.94 | |
| | | | 64 | | | -2.65 | |
| | | | 484T | -1 | 65 | 0.84 | |
| | | | | | 66 | 0.62 | |
| | | | | | 67 | 1.56 | |
| | | | 996T | 1 | 0 | -9.29 | |
| | | | | | 18 | -8.05 | |
| | | | | | 36 | -8.56 | |
| | | | 6 185 (80U) | 52T | -7 | 37 | -6.52 |
| | | | | | | 45 | -6.32 |
| | | | | | | 52 | -6.58 |
| | | | | 106T | -5 | 53 | -4.32 |
| | | | | | | 57 | -4.08 |
| | | | | | | 60 | -4.39 |
| | | | | 242T | -3 | 61 | -2.35 |
| | | | | | | 62 | -2.07 |
| | | | | | | 64 | -2.53 |
| | | | | 484T | -1 | 65 | -1.22 |
| | | | 66 | | | -1.56 | |
| | | | 67 | | | 1.69 | |
| | | 996*2T | 1 | 68 | 1.28 | | |
| | | | | SU | 1 | | |
| | | | | - | 1.92 | | |
| | | MCS0 | 6 345 (80L) | 26T | -9 | 0 | -7.69 |
| | | | | | | 18 | -8.55 |
| | | | | | | 36 | -9.71 |
| | | | | 52T | -7 | 37 | -5.91 |
| | | | | | | 45 | -6.80 |
| | | | | | | 52 | -7.71 |
| | | | | 106T | -5 | 53 | -4.52 |
| | | | | | | 57 | -5.29 |
| | | | | | | 60 | -6.58 |
| | | | | 242T | -3 | 61 | -2.57 |
| | | | 62 | | | -2.89 | |
| | | | 64 | | | -4.32 | |
| | | | 484T | -1 | 65 | 0.20 | |
| | | | | | 66 | -0.84 | |
| | | | | | 67 | 1.44 | |
| | | | 996T | 1 | 0 | -7.69 | |
| | | | | | 18 | -8.55 | |
| | | | | | 36 | -9.71 | |



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| Mode | Band | DataRate | Frequency | Tones | Target | RU offset | Average power |
|---------|---------|----------|----------------|-------|--------|-----------|---------------|
| | | | 6 345 (80U) | 26T | -9 | 0 | -8.36 |
| | | | | | | 18 | -9.14 |
| | | | | | | 36 | -10.19 |
| | | | | 52T | -7 | 37 | -5.12 |
| | | | | | | 45 | -6.06 |
| | | | | | | 52 | -7.13 |
| | | | | 106T | -5 | 53 | -3.07 |
| | | | | | | 57 | -4.17 |
| | | | | | | 60 | -5.36 |
| | | | | 242T | -3 | 61 | -1.85 |
| | | | | | | 62 | -2.49 |
| | | | | | | 64 | -3.59 |
| | | | | 484T | -1 | 65 | -0.14 |
| | | | | | | 66 | -0.12 |
| | | | | | | 67 | 2.01 |
| | | | | 6 345 | | 996*2T | 1.13 |
| | | | | | | SU | 2.59 |
| | | | | | | | |
| 11ax160 | U-NII 7 | MCS0 | 6 665 (80L) | 26T | -9 | 0 | -8.39 |
| | | | | | | 18 | -8.49 |
| | | | | | | 36 | -8.65 |
| | | | | 52T | -7 | 37 | -7.11 |
| | | | | | | 45 | -7.26 |
| | | | | | | 52 | -7.18 |
| | | | | 106T | -5 | 53 | -4.99 |
| | | | | | | 57 | -5.13 |
| | | | | | | 60 | -5.29 |
| | | | | 242T | -3 | 61 | -1.81 |
| | | | | | | 62 | -2.09 |
| | | | | | | 64 | -2.91 |
| | | | | 484T | -1 | 65 | 0.00 |
| | | | | | | 66 | -0.63 |
| | | | | | | 67 | 0.95 |
| | | | 6 665 (80U) | 26T | -9 | 0 | -9.16 |
| | | | | | | 18 | -9.44 |
| | | | | | | 36 | -9.57 |
| | | | | 52T | -7 | 37 | -7.43 |
| | | | | | | 45 | -7.61 |
| | | | | | | 52 | -7.79 |
| | | | | 106T | -5 | 53 | -5.36 |
| | | | | | | 57 | -5.70 |
| | | | | | | 60 | -5.91 |
| | | | | 242T | -3 | 61 | -3.45 |
| | | | | | | 62 | -3.50 |
| | | | | | | 64 | -3.40 |
| | | | | 484T | -1 | 65 | -1.45 |
| | | | | | | 66 | -1.48 |
| | | | | | | 67 | 0.17 |
| | | | | 6 665 | | 996*2T | 0.78 |
| | | | | | | SU | 1.56 |
| | | | | | | | |

Appendix E.5 BT LE Conducted Power

Appendix E.5.1 BT LE BT Ant1

| Mode | Phy | Packet | Target | Average power |
|------|-----|--------|--------|---------------|
| LE | 1M | 37 | 0 | -0.12 |
| | | | | 1.01 |
| | | | | -2.39 |
| | | | | 0.06 |
| | 2M | 255 | 0 | 1.06 |
| | | | | -2.16 |
| | | | | -0.25 |
| | | | | 0.75 |
| | 37 | 0 | -2.55 | |
| | | | 1.03 | |
| | 255 | | 1.08 | |
| | | | -2.09 | |