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# Appendix B.23

## NR Band n77(3450-3550)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT2:

Table with 10 columns: Band, SCS, Bandwidth, Modulation, Channel, RB Config, Power (dBm), EIRP (dBm), LIMIT, Verdict. It contains 30 rows of test data for various modulation schemes and channels.



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 20.14 | 18.54 | 33 | FAIL |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 20.33 | 18.73 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Outer_Full      | 20.61 | 19.01 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.73 | 23.13 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.69 | 23.09 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full      | 24.24 | 22.64 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 24.78 | 23.18 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 24.74 | 23.14 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Outer_Full      | 23.79 | 22.19 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 23.57 | 21.97 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 23.49 | 21.89 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Outer_Full      | 22.78 | 21.18 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 22.42 | 20.82 | 33 | FAIL |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 22.05 | 20.45 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Outer_Full      | 22.31 | 20.71 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 20.12 | 18.52 | 33 | FAIL |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 20.28 | 18.68 | 33 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Outer_Full      | 20.33 | 18.73 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.99 | 23.39 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.43 | 22.83 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full      | 24.62 | 23.02 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Left  | 25.05 | 23.45 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Right | 24.5  | 22.9  | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Outer_Full      | 24.13 | 22.53 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Left  | 23.79 | 22.19 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Right | 23.22 | 21.62 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | Outer_Full      | 23.19 | 21.59 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Left  | 22.36 | 20.76 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Right | 21.78 | 20.18 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Outer_Full      | 22.67 | 21.07 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Left  | 20.67 | 19.07 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Right | 20.08 | 18.48 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Outer_Full      | 20.67 | 19.07 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.49 | 22.89 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.38 | 22.78 | 33 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full      | 24.4  | 22.8  | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Left  | 24.57 | 22.97 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Right | 24.43 | 22.83 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Outer_Full      | 23.92 | 22.32 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Left  | 23.32 | 21.72 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Right | 23.19 | 21.59 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Outer_Full      | 22.97 | 21.37 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Left  | 21.91 | 20.31 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Right | 21.75 | 20.15 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Outer_Full      | 22.44 | 20.84 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Left  | 20.26 | 18.66 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Right | 20.05 | 18.45 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Outer_Full      | 20.45 | 18.85 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Left  | 20.32 | 18.72 | 33 | FAIL |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.32 | 23.72 | 33 | FAIL |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full      | 25.41 | 23.81 | 33 | FAIL |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Left  | 24.32 | 22.72 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Right | 24.36 | 22.76 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Outer_Full      | 23.72 | 22.12 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Left  | 23.11 | 21.51 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Right | 23.11 | 21.51 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Outer_Full      | 22.76 | 21.16 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Inner_1RB_Left  | 21.66 | 20.06 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Inner_1RB_Right | 21.72 | 20.12 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Outer_Full      | 22.23 | 20.63 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | Inner_1RB_Left  | 19.94 | 18.34 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | Inner_1RB_Right | 20.01 | 18.41 | 33 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | Outer_Full      | 20.23 | 18.63 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.26 | 23.66 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.78 | 23.18 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full      | 24.67 | 23.07 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Inner_1RB_Left  | 25.41 | 23.81 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Inner_1RB_Right | 24.87 | 23.27 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Outer_Full      | 24.22 | 22.62 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Inner_1RB_Left  | 24.16 | 22.56 | 33 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Inner_1RB_Right | 23.67 | 22.07 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Outer_Full      | 23.25 | 21.65 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Inner_1RB_Left  | 22.98 | 21.38 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Inner_1RB_Right | 22.45 | 20.85 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Outer_Full      | 22.75 | 21.15 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Inner_1RB_Left  | 21.11 | 19.51 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Inner_1RB_Right | 20.5  | 18.9  | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Outer_Full      | 20.75 | 19.15 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.63 | 24.03 | 33 | FAIL |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.32 | 23.72 | 33 | FAIL |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full      | 24.44 | 22.84 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Inner_1RB_Left  | 25.02 | 23.42 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Inner_1RB_Right | 24.86 | 23.26 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Outer_Full      | 24    | 22.4  | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Inner_1RB_Left  | 23.76 | 22.16 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Inner_1RB_Right | 23.62 | 22.02 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Outer_Full      | 23.03 | 21.43 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Inner_1RB_Left  | 22.58 | 20.98 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Inner_1RB_Right | 22.41 | 20.81 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Outer_Full      | 22.51 | 20.91 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Inner_1RB_Left  | 20.63 | 19.03 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Inner_1RB_Right | 20.51 | 18.91 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Outer_Full      | 20.53 | 18.93 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.58 | 23.98 | 33 | FAIL |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.63 | 24.03 | 33 | FAIL |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full      | 25.41 | 23.81 | 33 | FAIL |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Inner_1RB_Left  | 24.81 | 23.21 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Inner_1RB_Right | 24.57 | 22.97 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Outer_Full      | 23.78 | 22.18 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Inner_1RB_Left  | 23.53 | 21.93 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Inner_1RB_Right | 23.32 | 21.72 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Outer_Full      | 22.81 | 21.21 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Inner_1RB_Left  | 22.1  | 20.5  | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Inner_1RB_Right | 21.87 | 20.27 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Outer_Full      | 22.33 | 20.73 | 33 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Inner_1RB_Left  | 20.43 | 18.83 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Inner_1RB_Right | 20.22 | 18.62 | 33 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Outer_Full      | 20.32 | 18.72 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.21 | 23.61 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.46 | 22.86 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full      | 24.59 | 22.99 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Inner_1RB_Left  | 25.29 | 23.69 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Inner_1RB_Right | 24.5  | 22.9  | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Outer_Full      | 24.13 | 22.53 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Inner_1RB_Left  | 24    | 22.4  | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Inner_1RB_Right | 23.25 | 21.65 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Outer_Full      | 23.16 | 21.56 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Inner_1RB_Left  | 22.58 | 20.98 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Inner_1RB_Right | 21.85 | 20.25 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Outer_Full      | 22.67 | 21.07 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Inner_1RB_Left  | 20.86 | 19.26 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Inner_1RB_Right | 20.15 | 18.55 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Outer_Full      | 20.69 | 19.09 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.93 | 23.33 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.63 | 23.03 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full      | 24.46 | 22.86 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Inner_1RB_Left  | 24.97 | 23.37 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Inner_1RB_Right | 24.74 | 23.14 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Outer_Full      | 23.98 | 22.38 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Inner_1RB_Left  | 23.68 | 22.08 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Inner_1RB_Right | 23.42 | 21.82 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Outer_Full      | 22.99 | 21.39 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Inner_1RB_Left  | 22.23 | 20.63 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Inner_1RB_Right | 21.95 | 20.35 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Outer_Full      | 22.49 | 20.89 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Inner_1RB_Left  | 20.61 | 19.01 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Inner_1RB_Right | 20.3  | 18.7  | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Outer_Full      | 20.53 | 18.93 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.78 | 23.18 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.53 | 22.93 | 33 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full      | 24.4  | 22.8  | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Inner_1RB_Left  | 24.83 | 23.23 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Inner_1RB_Right | 24.58 | 22.98 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Outer_Full      | 23.95 | 22.35 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Inner_1RB_Left  | 23.57 | 21.97 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Inner_1RB_Right | 23.29 | 21.69 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Outer_Full      | 22.95 | 21.35 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Inner_1RB_Left  | 22.13 | 20.53 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Inner_1RB_Right | 21.82 | 20.22 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Outer_Full      | 22.44 | 20.84 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Inner_1RB_Left  | 20.42 | 18.82 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Inner_1RB_Right | 20.17 | 18.57 | 33 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Outer_Full      | 20.49 | 18.89 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.05 | 23.45 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.45 | 22.85 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full      | 24.56 | 22.96 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Inner_1RB_Left  | 25.2  | 23.6  | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Inner_1RB_Right | 24.72 | 23.12 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Outer_Full      | 24.1  | 22.5  | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Inner_1RB_Left  | 23.76 | 22.16 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Inner_1RB_Right | 23.22 | 21.62 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Outer_Full      | 23.15 | 21.55 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Inner_1RB_Left  | 22.4  | 20.8  | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Inner_1RB_Right | 21.78 | 20.18 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Outer_Full      | 22.65 | 21.05 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Inner_1RB_Left  | 20.61 | 19.01 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Inner_1RB_Right | 20.04 | 18.44 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Outer_Full      | 20.63 | 19.03 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.36 | 23.76 | 33 | FAIL |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.85 | 24.25 | 33 | FAIL |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full      | 24.44 | 22.84 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Inner_1RB_Left  | 25.14 | 23.54 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Inner_1RB_Right | 24.39 | 22.79 | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Outer_Full      | 20    | 18.4  | 33 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | Inner_1RB_Left  | 23.65 | 22.05 | 33 | PASS |



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Table with 10 columns: Test ID, Sample No., Lot No., Test Method, Modulation, Measurement Point, Value 1, Value 2, Pass/Fail, Result. Contains 40 rows of test data.



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|---------------|----|-----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | L | Inner_1RB_Left  | 20.51 | 18.91 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | L | Inner_1RB_Right | 19.6  | 18    | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | L | Outer_Full      | 20.54 | 18.94 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.8  | 23.2  | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | M | Inner_1RB_Right | 24.01 | 22.41 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | M | Outer_Full      | 24.44 | 22.84 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | M | Inner_1RB_Left  | 24.74 | 23.14 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | M | Inner_1RB_Right | 24.12 | 22.52 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | M | Outer_Full      | 23.98 | 22.38 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | M | Inner_1RB_Left  | 23.57 | 21.97 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | M | Inner_1RB_Right | 22.8  | 21.2  | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | M | Outer_Full      | 22.97 | 21.37 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | M | Inner_1RB_Left  | 22.14 | 20.54 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | M | Inner_1RB_Right | 21.3  | 19.7  | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | M | Outer_Full      | 22.48 | 20.88 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | Inner_1RB_Left  | 20.44 | 18.84 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | Inner_1RB_Right | 19.65 | 18.05 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | Outer_Full      | 20.45 | 18.85 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.81 | 23.21 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | Inner_1RB_Right | 24.11 | 22.51 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | Outer_Full      | 24.43 | 22.83 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | Inner_1RB_Left  | 24.82 | 23.22 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | Inner_1RB_Right | 24.15 | 22.55 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | Outer_Full      | 23.49 | 21.89 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | Inner_1RB_Left  | 23.6  | 22    | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | Inner_1RB_Right | 22.89 | 21.29 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | Outer_Full      | 22.94 | 21.34 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | Inner_1RB_Left  | 22.12 | 20.52 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | Inner_1RB_Right | 21.41 | 19.81 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | Outer_Full      | 22.46 | 20.86 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | Inner_1RB_Left  | 20.44 | 18.84 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | Inner_1RB_Right | 19.68 | 18.08 | 33 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | Outer_Full      | 20.44 | 18.84 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.64 | 23.04 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.88 | 22.28 | 33 | PASS |



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|---------------|----|-----|-------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | L | Outer_Full      | 24.36 | 22.76 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Inner_1RB_Left  | 24.76 | 23.16 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Inner_1RB_Right | 24.04 | 22.44 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Outer_Full      | 23.9  | 22.3  | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Inner_1RB_Left  | 23.41 | 21.81 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Inner_1RB_Right | 22.74 | 21.14 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Outer_Full      | 22.93 | 21.33 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Inner_1RB_Left  | 22    | 20.4  | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Inner_1RB_Right | 21.21 | 19.61 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Outer_Full      | 22.43 | 20.83 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Inner_1RB_Left  | 20.32 | 18.72 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Inner_1RB_Right | 19.51 | 17.91 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Outer_Full      | 20.44 | 18.84 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.63 | 23.03 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.9  | 22.3  | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full      | 24.37 | 22.77 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Inner_1RB_Left  | 24.63 | 23.03 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Inner_1RB_Right | 24.05 | 22.45 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Outer_Full      | 23.9  | 22.3  | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | Inner_1RB_Left  | 23.42 | 21.82 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | Inner_1RB_Right | 22.74 | 21.14 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | Outer_Full      | 22.92 | 21.32 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Inner_1RB_Left  | 21.32 | 19.72 | 33 | FAIL |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Inner_1RB_Right | 21.21 | 19.61 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Outer_Full      | 22.43 | 20.83 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Inner_1RB_Left  | 19.25 | 17.65 | 33 | FAIL |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Inner_1RB_Right | 19.5  | 17.9  | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Outer_Full      | 20.43 | 18.83 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.65 | 23.05 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.93 | 22.33 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full      | 24.37 | 22.77 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Inner_1RB_Left  | 24.69 | 23.09 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Inner_1RB_Right | 24.03 | 22.43 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Outer_Full      | 23.89 | 22.29 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | H | Inner_1RB_Left  | 23.45 | 21.85 | 33 | PASS |



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# SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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|               |    |     |            |   |                 |       |       |    |      |
|---------------|----|-----|------------|---|-----------------|-------|-------|----|------|
| N77-3450-3550 | 30 | 100 | DFT-16QAM  | H | Inner_1RB_Right | 22.7  | 21.1  | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM  | H | Outer_Full      | 22.92 | 21.32 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM  | H | Inner_1RB_Left  | 21.99 | 20.39 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM  | H | Inner_1RB_Right | 21.31 | 19.71 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM  | H | Outer_Full      | 22.43 | 20.83 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM | H | Inner_1RB_Left  | 20.25 | 18.65 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM | H | Inner_1RB_Right | 19.53 | 17.93 | 33 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM | H | Outer_Full      | 20.4  | 18.8  | 33 | PASS |



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## Field Strength of Spurious Radiation

Test Band = 5G NR SA Band77\_ TM1

Test Channel = Low 3450-3550 ANT2

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6810.1800       | 48.44          | -43.61      | 35.85    | -54.58      | -13.00      | 41.58       | 214         | 346       | Horizontal |
| 2               | 7837.45         | 47.80          | -42.64      | 36.82    | -53.28      | -13.00      | 40.28       | 136         | 360       | Horizontal |
| 3               | 8411.3          | 46.87          | -41.42      | 37.35    | -52.45      | -13.00      | 39.45       | 251         | 242       | Horizontal |
| 4               | 10215.2700      | 37.93          | -39.23      | 38.81    | -57.75      | -13.00      | 44.75       | 199         | 4         | Horizontal |
| 5               | 13620.3600      | 32.36          | -36.03      | 40.13    | -58.80      | -13.00      | 45.80       | 154         | 104       | Horizontal |
| 6               | 17025.4500      | 32.60          | -33.71      | 38.51    | -57.86      | -13.00      | 44.86       | 102         | 61        | Horizontal |

Test Band = 5G NR SA Band77\_ TM1

Test Channel = Low 3450-3550 ANT2

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6810.1800       | 47.87          | -43.61      | 35.85    | -55.15      | -13.00      | 42.15       | 215         | 346       | Vertical |
| 2               | 7793.75         | 47.38          | -42.60      | 36.77    | -53.72      | -13.00      | 40.72       | 145         | 212       | Vertical |
| 3               | 8411.3          | 46.75          | -41.42      | 37.35    | -52.57      | -13.00      | 39.57       | 236         | 4         | Vertical |
| 4               | 10215.2700      | 38.83          | -39.23      | 38.81    | -56.85      | -13.00      | 43.85       | 299         | 106       | Vertical |
| 5               | 13620.3600      | 32.40          | -36.03      | 40.13    | -58.76      | -13.00      | 45.76       | 148         | 273       | Vertical |
| 6               | 17025.4500      | 33.04          | -33.71      | 38.51    | -57.42      | -13.00      | 44.42       | 102         | 106       | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT2**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6910.1800       | 47.98          | -43.80      | 35.97    | -55.11      | -13.00      | 42.11       | 111         | 304       | Horizontal |
| 2               | 8062.275        | 46.67          | -41.64      | 37.03    | -53.20      | -13.00      | 40.20       | 125         | 30        | Horizontal |
| 3               | 8426.25         | 47.34          | -41.48      | 37.39    | -52.02      | -13.00      | 39.02       | 145         | 60        | Horizontal |
| 4               | 10365.2700      | 39.20          | -38.81      | 38.85    | -56.01      | -13.00      | 43.01       | 189         | 151       | Horizontal |
| 5               | 13820.3600      | 33.67          | -36.11      | 39.98    | -57.72      | -13.00      | 44.72       | 169         | 354       | Horizontal |
| 6               | 17275.4500      | 35.06          | -35.16      | 38.70    | -56.65      | -13.00      | 43.65       | 170         | 242       | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT2**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6910.1800       | 46.97          | -43.80      | 35.97    | -56.12      | -13.00      | 43.12       | 154         | 122       | Vertical |
| 2               | 7512.575        | 48.72          | -43.12      | 36.43    | -53.22      | -13.00      | 40.22       | 126         | 259       | Vertical |
| 3               | 8423.375        | 47.34          | -41.47      | 37.38    | -52.01      | -13.00      | 39.01       | 199         | 76        | Vertical |
| 4               | 10365.2700      | 38.77          | -38.81      | 38.85    | -56.44      | -13.00      | 43.44       | 142         | 4         | Vertical |
| 5               | 13820.3600      | 32.41          | -36.11      | 39.98    | -58.98      | -13.00      | 45.98       | 132         | 197       | Vertical |
| 6               | 17275.4500      | 34.85          | -35.16      | 38.70    | -56.86      | -13.00      | 43.86       | 126         | 359       | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = High 3450-3550 ANT2**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 7010.1800       | 46.63          | -43.06      | 36.11    | -55.58      | -13.00      | 42.58       | 152         | 122       | Horizontal |
| 2               | 7869.65         | 47.97          | -42.69      | 36.86    | -53.12      | -13.00      | 40.12       | 148         | 290       | Horizontal |
| 3               | 8418.775        | 46.33          | -41.45      | 37.37    | -53.01      | -13.00      | 40.01       | 196         | 4         | Horizontal |
| 4               | 10515.2700      | 36.60          | -38.64      | 38.98    | -58.33      | -13.00      | 45.33       | 144         | 347       | Horizontal |
| 5               | 14020.3600      | 30.56          | -35.04      | 40.15    | -59.59      | -13.00      | 46.59       | 170         | 91        | Horizontal |
| 6               | 17525.4500      | 32.86          | -33.81      | 39.28    | -56.93      | -13.00      | 43.93       | 122         | 16        | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = High 3450-3550 ANT2**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 7010.1800       | 46.70          | -43.06      | 36.11    | -55.51      | -13.00      | 42.51       | 214         | 91        | Vertical |
| 2               | 7904.725        | 48.04          | -42.71      | 36.90    | -53.03      | -13.00      | 40.03       | 155         | 335       | Vertical |
| 3               | 8415.325        | 47.13          | -41.44      | 37.36    | -52.20      | -13.00      | 39.20       | 169         | 274       | Vertical |
| 4               | 10515.2700      | 36.62          | -38.64      | 38.98    | -58.31      | -13.00      | 45.31       | 185         | 243       | Vertical |
| 5               | 14020.3600      | 30.50          | -35.04      | 40.15    | -59.65      | -13.00      | 46.65       | 174         | 335       | Vertical |
| 6               | 17525.4500      | 32.81          | -33.81      | 39.28    | -56.98      | -13.00      | 43.98       | 109         | 358       | Vertical |



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Test Band = 5G NR SA Band77\_ TM1
Test Channel = Low 3450-3550 ANT4

Table with 11 columns: NO., Frequency [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Height [cm], Angle [°], Polarity. Contains 6 rows of test data.

Test Band = 5G NR SA Band77\_ TM1
Test Channel = Low 3450-3550 ANT4

Table with 11 columns: NO., Frequency [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Height [cm], Angle [°], Polarity. Contains 6 rows of test data.



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT4**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6910.1800       | 47.18          | -43.80      | 35.97    | -55.91      | -13.00      | 42.91       | 284         | 358       | Horizontal |
| 2               | 8073.775        | 46.41          | -41.55      | 37.04    | -53.36      | -13.00      | 40.36       | 175         | 92        | Horizontal |
| 3               | 8421.65         | 46.91          | -41.46      | 37.38    | -52.44      | -13.00      | 39.44       | 169         | 92        | Horizontal |
| 4               | 10365.2700      | 38.04          | -38.81      | 38.85    | -57.17      | -13.00      | 44.17       | 142         | 30        | Horizontal |
| 5               | 13820.3600      | 33.45          | -36.11      | 39.98    | -57.94      | -13.00      | 44.94       | 123         | 121       | Horizontal |
| 6               | 17275.4500      | 36.01          | -35.16      | 38.70    | -55.70      | -13.00      | 42.70       | 203         | 4         | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT4**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6910.1800       | 47.68          | -43.80      | 35.97    | -55.41      | -13.00      | 42.41       | 156         | 346       | Vertical |
| 2               | 8009.375        | 47.06          | -42.06      | 37.01    | -53.24      | -13.00      | 40.24       | 142         | 360       | Vertical |
| 3               | 9046.1          | 45.52          | -40.66      | 38.23    | -52.17      | -13.00      | 39.17       | 185         | 75        | Vertical |
| 4               | 10365.2700      | 37.21          | -38.81      | 38.85    | -58.00      | -13.00      | 45.00       | 169         | 304       | Vertical |
| 5               | 13820.3600      | 32.55          | -36.11      | 39.98    | -58.84      | -13.00      | 45.84       | 192         | 45        | Vertical |
| 6               | 17275.4500      | 34.87          | -35.16      | 38.70    | -56.84      | -13.00      | 43.84       | 170         | 272       | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = High 3450-3550 ANT4**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 7010.1800       | 46.93          | -43.06      | 36.11    | -55.28      | -13.00      | 42.28       | 214         | 360       | Horizontal |
| 2               | 7545.35         | 48.16          | -42.97      | 36.42    | -53.66      | -13.00      | 40.66       | 168         | 4         | Horizontal |
| 3               | 8407.275        | 46.72          | -41.40      | 37.35    | -52.60      | -13.00      | 39.60       | 195         | 359       | Horizontal |
| 4               | 10515.2700      | 37.16          | -38.64      | 38.98    | -57.77      | -13.00      | 44.77       | 175         | 359       | Horizontal |
| 5               | 14020.3600      | 31.27          | -35.04      | 40.15    | -58.88      | -13.00      | 45.88       | 142         | 337       | Horizontal |
| 6               | 17525.4500      | 33.57          | -33.81      | 39.28    | -56.22      | -13.00      | 43.22       | 103         | 138       | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = High 3450-3550 ANT4**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 7010.1800       | 47.02          | -43.06      | 36.11    | -55.19      | -13.00      | 42.19       | 189         | 106       | Vertical |
| 2               | 8021.45         | 46.84          | -41.96      | 37.02    | -53.36      | -13.00      | 40.36       | 143         | 59        | Vertical |
| 3               | 8400.375        | 46.58          | -41.37      | 37.33    | -52.72      | -13.00      | 39.72       | 216         | 289       | Vertical |
| 4               | 10515.2700      | 37.54          | -38.64      | 38.98    | -57.39      | -13.00      | 44.39       | 142         | 358       | Vertical |
| 5               | 14020.3600      | 31.18          | -35.04      | 40.15    | -58.97      | -13.00      | 45.97       | 102         | 75        | Vertical |
| 6               | 17525.4500      | 34.04          | -33.81      | 39.28    | -55.75      | -13.00      | 42.75       | 175         | 182       | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Low 3450-3550 ANT5**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6810.1800       | 48.41          | -43.61      | 35.85    | -54.61      | -13.00      | 41.61       | 248         | 4         | Horizontal |
| 2               | 7863.9          | 47.98          | -42.68      | 36.85    | -53.11      | -13.00      | 40.11       | 175         | 359       | Horizontal |
| 3               | 8652.8          | 46.10          | -41.13      | 37.84    | -52.45      | -13.00      | 39.45       | 126         | 354       | Horizontal |
| 4               | 10215.2700      | 37.55          | -39.23      | 38.81    | -58.13      | -13.00      | 45.13       | 265         | 360       | Horizontal |
| 5               | 13620.3600      | 33.18          | -36.03      | 40.13    | -57.98      | -13.00      | 44.98       | 186         | 288       | Horizontal |
| 6               | 17025.4500      | 32.01          | -33.71      | 38.51    | -58.45      | -13.00      | 45.45       | 192         | 305       | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Low 3450-3550 ANT5**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6810.1800       | 48.26          | -43.61      | 35.85    | -54.76      | -13.00      | 41.76       | 217         | 354       | Vertical |
| 2               | 7811            | 47.43          | -42.60      | 36.79    | -53.63      | -13.00      | 40.63       | 145         | 274       | Vertical |
| 3               | 8402.1          | 46.59          | -41.38      | 37.33    | -52.71      | -13.00      | 39.71       | 185         | 260       | Vertical |
| 4               | 10215.2700      | 37.83          | -39.23      | 38.81    | -57.85      | -13.00      | 44.85       | 169         | 335       | Vertical |
| 5               | 13620.3600      | 32.60          | -36.03      | 40.13    | -58.56      | -13.00      | 45.56       | 182         | 214       | Vertical |
| 6               | 17025.4500      | 32.42          | -33.71      | 38.51    | -58.04      | -13.00      | 45.04       | 134         | 46        | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT5**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6910.1800       | 46.51          | -43.80      | 35.97    | -56.58      | -13.00      | 43.58       | 218         | 16        | Horizontal |
| 2               | 7401.6          | 51.13          | -42.80      | 36.49    | -50.44      | -13.00      | 37.44       | 165         | 153       | Horizontal |
| 3               | 8403.25         | 46.98          | -41.38      | 37.34    | -52.33      | -13.00      | 39.33       | 128         | 360       | Horizontal |
| 4               | 10365.2700      | 36.92          | -38.81      | 38.85    | -58.29      | -13.00      | 45.29       | 193         | 213       | Horizontal |
| 5               | 13820.3600      | 32.92          | -36.11      | 39.98    | -58.47      | -13.00      | 45.47       | 121         | 360       | Horizontal |
| 6               | 17275.4500      | 35.31          | -35.16      | 38.70    | -56.40      | -13.00      | 43.40       | 133         | 122       | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT5**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6910.1800       | 47.75          | -43.80      | 35.97    | -55.34      | -13.00      | 42.34       | 154         | 360       | Vertical |
| 2               | 7647.125        | 49.17          | -42.84      | 36.48    | -52.45      | -13.00      | 39.45       | 126         | 334       | Vertical |
| 3               | 8501            | 47.09          | -41.79      | 37.54    | -52.42      | -13.00      | 39.42       | 185         | 347       | Vertical |
| 4               | 10365.2700      | 37.46          | -38.81      | 38.85    | -57.75      | -13.00      | 44.75       | 172         | 354       | Vertical |
| 5               | 13820.3600      | 32.94          | -36.11      | 39.98    | -58.45      | -13.00      | 45.45       | 133         | 360       | Vertical |
| 6               | 17275.4500      | 35.05          | -35.16      | 38.70    | -56.66      | -13.00      | 43.66       | 156         | 196       | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = High 3450-3550 ANT5**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 7010.1800       | 47.34          | -43.06      | 36.11    | -54.87      | -13.00      | 41.87       | 214         | 244       | Horizontal |
| 2               | 8016.275        | 46.76          | -42.00      | 37.02    | -53.49      | -13.00      | 40.49       | 251         | 169       | Horizontal |
| 3               | 8423.375        | 46.77          | -41.47      | 37.38    | -52.58      | -13.00      | 39.58       | 196         | 261       | Horizontal |
| 4               | 10515.2700      | 37.10          | -38.64      | 38.98    | -57.83      | -13.00      | 44.83       | 185         | 4         | Horizontal |
| 5               | 14020.3600      | 30.48          | -35.04      | 40.15    | -59.67      | -13.00      | 46.67       | 142         | 360       | Horizontal |
| 6               | 17525.4500      | 33.16          | -33.81      | 39.28    | -56.63      | -13.00      | 43.63       | 135         | 31        | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = High 3450-3550 ANT5**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 7010.1800       | 47.09          | -43.06      | 36.11    | -55.12      | -13.00      | 42.12       | 214         | 360       | Vertical |
| 2               | 7849.525        | 47.41          | -42.66      | 36.84    | -53.67      | -13.00      | 40.67       | 185         | 360       | Vertical |
| 3               | 8402.675        | 47.16          | -41.38      | 37.34    | -52.15      | -13.00      | 39.15       | 168         | 60        | Vertical |
| 4               | 10515.2700      | 38.12          | -38.64      | 38.98    | -56.81      | -13.00      | 43.81       | 142         | 197       | Vertical |
| 5               | 14020.3600      | 30.89          | -35.04      | 40.15    | -59.26      | -13.00      | 46.26       | 195         | 358       | Vertical |
| 6               | 17525.4500      | 33.16          | -33.81      | 39.28    | -56.63      | -13.00      | 43.63       | 310         | 14        | Vertical |



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Test Band = 5G NR SA Band77\_ TM1  
 Test Channel = Low 3450-3550 ANT6

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6810.1800       | 46.81          | -43.61      | 35.85    | -56.21      | -13.00      | 43.21       | 218         | 258       | Horizontal |
| 2               | 8004.2          | 46.80          | -42.10      | 37.01    | -53.55      | -13.00      | 40.55       | 145         | 360       | Horizontal |
| 3               | 8403.25         | 47.22          | -41.38      | 37.34    | -52.09      | -13.00      | 39.09       | 169         | 121       | Horizontal |
| 4               | 10215.2700      | 37.32          | -39.23      | 38.81    | -58.36      | -13.00      | 45.36       | 191         | 304       | Horizontal |
| 5               | 13620.3600      | 32.86          | -36.03      | 40.13    | -58.30      | -13.00      | 45.30       | 171         | 75        | Horizontal |
| 6               | 17025.4500      | 32.43          | -33.71      | 38.51    | -58.03      | -13.00      | 45.03       | 125         | 258       | Horizontal |

Test Band = 5G NR SA Band77\_ TM1  
 Test Channel = Low 3450-3550 ANT6

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6810.1800       | 47.07          | -43.61      | 35.85    | -55.95      | -13.00      | 42.95       | 125         | 345       | Vertical |
| 2               | 7844.925        | 47.31          | -42.65      | 36.83    | -53.77      | -13.00      | 40.77       | 145         | 120       | Vertical |
| 3               | 8639.575        | 46.24          | -41.07      | 37.82    | -52.27      | -13.00      | 39.27       | 126         | 134       | Vertical |
| 4               | 10215.2700      | 38.06          | -39.23      | 38.81    | -57.62      | -13.00      | 44.62       | 281         | 30        | Vertical |
| 5               | 13620.3600      | 32.71          | -36.03      | 40.13    | -58.45      | -13.00      | 45.45       | 149         | 358       | Vertical |
| 6               | 17025.4500      | 32.75          | -33.71      | 38.51    | -57.71      | -13.00      | 44.71       | 132         | 4         | Vertical |



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**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT6**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 6910.1800       | 46.22          | -43.80      | 35.97    | -56.87      | -13.00      | 43.87       | 189         | 244       | Horizontal |
| 2               | 7401.6          | 49.03          | -42.80      | 36.49    | -52.54      | -13.00      | 39.54       | 145         | 44        | Horizontal |
| 3               | 8404.4          | 47.03          | -41.39      | 37.34    | -52.28      | -13.00      | 39.28       | 162         | 28        | Horizontal |
| 4               | 10365.2700      | 37.26          | -38.81      | 38.85    | -57.95      | -13.00      | 44.95       | 175         | 13        | Horizontal |
| 5               | 13820.3600      | 32.95          | -36.11      | 39.98    | -58.44      | -13.00      | 45.44       | 135         | 183       | Horizontal |
| 6               | 17275.4500      | 34.81          | -35.16      | 38.70    | -56.90      | -13.00      | 43.90       | 144         | 3         | Horizontal |

**Test Band = 5G NR SA Band77\_ TM1**  
**Test Channel = Mid 3450-3550 ANT6**

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 6910.1800       | 47.27          | -43.80      | 35.97    | -55.82      | -13.00      | 42.82       | 148         | 4         | Vertical |
| 2               | 7832.275        | 47.25          | -42.63      | 36.82    | -53.82      | -13.00      | 40.82       | 195         | 4         | Vertical |
| 3               | 8582.65         | 46.17          | -41.05      | 37.71    | -52.42      | -13.00      | 39.42       | 146         | 355       | Vertical |
| 4               | 10365.2700      | 38.20          | -38.81      | 38.85    | -57.01      | -13.00      | 44.01       | 251         | 200       | Vertical |
| 5               | 13820.3600      | 33.36          | -36.11      | 39.98    | -58.03      | -13.00      | 45.03       | 135         | 92        | Vertical |
| 6               | 17275.4500      | 35.95          | -35.16      | 38.70    | -55.76      | -13.00      | 42.76       | 225         | 44        | Vertical |



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Test Band = 5G NR SA Band77\_ TM1
Test Channel = High 3450-3550 ANT6

Table with 11 columns: NO., Frequency [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Height [cm], Angle [°], Polarity. Contains 6 rows of data.

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Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

- AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---



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