

## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

Ant14

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config | Power (dBm) | EIRP (dBm) | Limit | Verdict |
|---------------|-----|-----------|-------------|---------|-----------|-------------|------------|-------|---------|
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | L       | 1@1       | 23.40       | 23.76      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | L       | 1@22      | 23.26       | 23.62      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | L       | 24@0      | 22.93       | 23.29      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | L       | 1@1       | 23.41       | 23.77      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | L       | 1@22      | 23.34       | 23.7       | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | L       | 24@0      | 22.43       | 22.79      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | L       | 1@1       | 22.38       | 22.74      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | L       | 1@22      | 22.27       | 22.63      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | L       | 24@0      | 21.46       | 21.82      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | L       | 1@1       | 21.19       | 21.55      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | L       | 1@22      | 21.11       | 21.47      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | L       | 24@0      | 21.46       | 21.82      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | L       | 1@1       | 20.23       | 20.59      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | L       | 1@22      | 20.14       | 20.5       | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | L       | 24@0      | 20.35       | 20.71      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | M       | 1@1       | 23.30       | 23.66      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | M       | 1@22      | 23.16       | 23.52      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | M       | 24@0      | 22.77       | 23.13      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | M       | 1@1       | 23.32       | 23.68      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | M       | 1@22      | 23.20       | 23.56      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | M       | 24@0      | 22.27       | 22.63      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | M       | 1@1       | 22.26       | 22.62      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | M       | 1@22      | 22.19       | 22.55      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | M       | 24@0      | 21.24       | 21.6       | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | M       | 1@1       | 21.12       | 21.48      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | M       | 1@22      | 21.00       | 21.36      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | M       | 24@0      | 21.27       | 21.63      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | M       | 1@1       | 20.14       | 20.5       | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | M       | 1@22      | 20.00       | 20.36      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | M       | 24@0      | 20.17       | 20.53      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | H       | 1@1       | 23.23       | 23.59      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | H       | 1@22      | 23.19       | 23.55      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | H       | 24@0      | 22.77       | 23.13      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | H       | 1@1       | 23.27       | 23.63      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | H       | 1@22      | 23.26       | 23.62      | 30    | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | H       | 24@0      | 22.23       | 22.59      | 30    | PASS    |

|               |    |    |             |   |      |       |       |    |      |
|---------------|----|----|-------------|---|------|-------|-------|----|------|
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | H | 1@1  | 22.24 | 22.6  | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | H | 1@22 | 22.22 | 22.58 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | H | 24@0 | 21.22 | 21.58 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | H | 1@1  | 21.04 | 21.4  | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | H | 1@22 | 21.04 | 21.4  | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | H | 24@0 | 21.28 | 21.64 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | H | 1@1  | 20.02 | 20.38 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | H | 1@22 | 20.02 | 20.38 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | H | 24@0 | 20.17 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | 1@1  | 23.55 | 23.91 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | 1@36 | 23.59 | 23.95 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | 36@0 | 23.06 | 23.42 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | L | 1@1  | 23.62 | 23.98 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | L | 1@36 | 23.58 | 23.94 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | L | 36@0 | 22.53 | 22.89 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | 1@1  | 22.57 | 22.93 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | 1@36 | 22.51 | 22.87 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | 36@0 | 21.55 | 21.91 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | 1@1  | 21.40 | 21.76 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | 1@36 | 21.37 | 21.73 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | 36@0 | 21.54 | 21.9  | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | 1@1  | 20.39 | 20.75 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | 1@36 | 20.36 | 20.72 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | 36@0 | 20.46 | 20.82 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | 1@1  | 23.59 | 23.95 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | 1@36 | 23.40 | 23.76 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | 36@0 | 23.01 | 23.37 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | 1@1  | 23.61 | 23.97 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | 1@36 | 23.42 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | 36@0 | 22.43 | 22.79 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | 1@1  | 22.60 | 22.96 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | 1@36 | 22.35 | 22.71 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | 36@0 | 21.46 | 21.82 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | 1@1  | 21.44 | 21.8  | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | 1@36 | 21.20 | 21.56 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | 36@0 | 21.41 | 21.77 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | M | 1@1  | 20.40 | 20.76 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | M | 1@36 | 20.20 | 20.56 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | M | 36@0 | 20.43 | 20.79 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | 1@1  | 23.47 | 23.83 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | 1@36 | 23.35 | 23.71 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | 36@0 | 22.90 | 23.26 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | 1@1  | 23.51 | 23.87 | 30 | PASS |

|               |    |    |             |   |      |       |       |    |      |
|---------------|----|----|-------------|---|------|-------|-------|----|------|
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | 1@36 | 23.33 | 23.69 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | 36@0 | 22.42 | 22.78 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | 1@1  | 22.50 | 22.86 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | 1@36 | 22.28 | 22.64 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | 36@0 | 21.42 | 21.78 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | 1@1  | 21.31 | 21.67 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | 1@36 | 21.16 | 21.52 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | 36@0 | 21.40 | 21.76 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | 1@1  | 20.32 | 20.68 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | 1@36 | 20.15 | 20.51 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | 36@0 | 20.32 | 20.68 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | 1@1  | 23.59 | 23.95 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | 1@49 | 23.58 | 23.94 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | 50@0 | 23.11 | 23.47 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | 1@1  | 23.69 | 24.05 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | 1@49 | 23.63 | 23.99 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | 50@0 | 22.55 | 22.91 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | 1@1  | 22.50 | 22.86 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | 1@49 | 22.50 | 22.86 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | 50@0 | 21.60 | 21.96 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | 1@1  | 21.42 | 21.78 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | 1@49 | 21.42 | 21.78 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | 50@0 | 21.59 | 21.95 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | 1@1  | 20.47 | 20.83 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | 1@49 | 20.47 | 20.83 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | 50@0 | 20.55 | 20.91 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | 1@1  | 23.62 | 23.98 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | 1@49 | 23.30 | 23.66 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | 50@0 | 22.94 | 23.3  | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | 1@1  | 23.62 | 23.98 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | 1@49 | 23.37 | 23.73 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | 50@0 | 22.48 | 22.84 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | 1@1  | 22.64 | 23    | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | 1@49 | 22.39 | 22.75 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | 50@0 | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | 1@1  | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | 1@49 | 21.20 | 21.56 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | 50@0 | 21.49 | 21.85 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | 1@1  | 20.45 | 20.81 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | 1@49 | 20.22 | 20.58 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | 50@0 | 20.42 | 20.78 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | 1@1  | 23.44 | 23.8  | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | 1@49 | 23.27 | 23.63 | 30 | PASS |

|               |    |    |             |   |      |       |       |    |      |
|---------------|----|----|-------------|---|------|-------|-------|----|------|
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | 50@0 | 22.82 | 23.18 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | 1@1  | 23.47 | 23.83 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | 1@49 | 23.30 | 23.66 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | 50@0 | 22.40 | 22.76 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | 1@1  | 22.47 | 22.83 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | 1@49 | 22.29 | 22.65 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | 50@0 | 21.37 | 21.73 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | 1@1  | 21.28 | 21.64 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | 1@49 | 21.07 | 21.43 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | 50@0 | 21.36 | 21.72 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | 1@1  | 20.33 | 20.69 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | 1@49 | 20.13 | 20.49 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | 50@0 | 20.30 | 20.66 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | 1@1  | 23.49 | 23.85 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | 1@76 | 23.55 | 23.91 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | 75@0 | 22.98 | 23.34 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | 1@1  | 23.55 | 23.91 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | 1@76 | 23.60 | 23.96 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | 75@0 | 22.49 | 22.85 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | 1@1  | 22.53 | 22.89 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | 1@76 | 22.59 | 22.95 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | 75@0 | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | 1@1  | 21.34 | 21.7  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | 1@76 | 21.40 | 21.76 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | 75@0 | 21.48 | 21.84 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | L | 1@1  | 20.38 | 20.74 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | L | 1@76 | 20.44 | 20.8  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | L | 75@0 | 20.45 | 20.81 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | 1@1  | 23.67 | 24.03 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | 1@76 | 23.34 | 23.7  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | 75@0 | 22.95 | 23.31 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | 1@1  | 23.69 | 24.05 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | 1@76 | 23.40 | 23.76 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | 75@0 | 22.52 | 22.88 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | 1@1  | 22.71 | 23.07 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | 1@76 | 22.40 | 22.76 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | 75@0 | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | 1@1  | 21.46 | 21.82 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | 1@76 | 21.22 | 21.58 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | 75@0 | 21.51 | 21.87 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | 1@1  | 20.50 | 20.86 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | 1@76 | 20.23 | 20.59 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | 75@0 | 20.41 | 20.77 | 30 | PASS |

|               |    |    |             |   |       |       |       |    |      |
|---------------|----|----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | 1@1   | 23.63 | 23.99 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | 1@76  | 23.25 | 23.61 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | 75@0  | 22.99 | 23.35 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | 1@1   | 23.62 | 23.98 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | 1@76  | 23.31 | 23.67 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | 75@0  | 22.50 | 22.86 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | 1@1   | 22.64 | 23    | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | 1@76  | 22.29 | 22.65 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | 75@0  | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | 1@1   | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | 1@76  | 21.12 | 21.48 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | 75@0  | 21.50 | 21.86 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | 1@1   | 20.46 | 20.82 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | 1@76  | 20.15 | 20.51 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | 75@0  | 20.46 | 20.82 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | 1@1   | 23.63 | 23.99 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | 1@104 | 23.69 | 24.05 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | 100@0 | 23.09 | 23.45 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | 1@1   | 23.70 | 24.06 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | 1@104 | 23.73 | 24.09 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | 100@0 | 22.58 | 22.94 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | 1@1   | 22.69 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | 1@104 | 22.73 | 23.09 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | 100@0 | 21.59 | 21.95 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | 1@1   | 21.45 | 21.81 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | 1@104 | 21.55 | 21.91 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | 100@0 | 21.61 | 21.97 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | 1@1   | 20.44 | 20.8  | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | 1@104 | 20.52 | 20.88 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | 100@0 | 20.59 | 20.95 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | 1@1   | 23.70 | 24.06 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | 1@104 | 23.48 | 23.84 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | 100@0 | 23.03 | 23.39 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | 1@1   | 23.71 | 24.07 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | 1@104 | 23.54 | 23.9  | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | 100@0 | 22.46 | 22.82 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | 1@1   | 22.70 | 23.06 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | 1@104 | 22.54 | 22.9  | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | 100@0 | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | 1@1   | 21.51 | 21.87 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | 1@104 | 21.37 | 21.73 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | 100@0 | 21.48 | 21.84 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | 1@1   | 20.53 | 20.89 | 30 | PASS |

|               |    |    |             |   |       |       |       |    |      |
|---------------|----|----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | 1@104 | 20.41 | 20.77 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | 100@0 | 20.49 | 20.85 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | 1@1   | 23.40 | 23.76 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | 1@104 | 23.36 | 23.72 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | 100@0 | 22.96 | 23.32 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | 1@1   | 23.42 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | 1@104 | 23.37 | 23.73 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | 100@0 | 22.45 | 22.81 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | 1@1   | 22.45 | 22.81 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | 1@104 | 22.32 | 22.68 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | 100@0 | 21.44 | 21.8  | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | 1@1   | 21.23 | 21.59 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | 1@104 | 21.20 | 21.56 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | 100@0 | 21.45 | 21.81 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | 1@1   | 20.28 | 20.64 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | 1@104 | 20.21 | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | 100@0 | 20.45 | 20.81 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | 1@1   | 23.63 | 23.99 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | 1@131 | 23.21 | 23.57 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | 128@0 | 22.99 | 23.35 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | 1@1   | 23.66 | 24.02 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | 1@131 | 23.19 | 23.55 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | 128@0 | 22.49 | 22.85 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | 1@1   | 22.70 | 23.06 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | 1@131 | 22.19 | 22.55 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | 128@0 | 21.47 | 21.83 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | 1@1   | 21.52 | 21.88 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | 1@131 | 21.01 | 21.37 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | 128@0 | 21.45 | 21.81 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | 1@1   | 20.56 | 20.92 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | 1@131 | 20.03 | 20.39 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | 128@0 | 20.47 | 20.83 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | 1@1   | 23.48 | 23.84 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | 1@131 | 23.35 | 23.71 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | 128@0 | 22.31 | 22.67 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | 1@1   | 23.47 | 23.83 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | 1@131 | 23.33 | 23.69 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | 128@0 | 22.31 | 22.67 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | 1@1   | 22.41 | 22.77 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | 1@131 | 22.33 | 22.69 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | 128@0 | 21.30 | 21.66 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | 1@1   | 21.28 | 21.64 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | 1@131 | 21.05 | 21.41 | 30 | PASS |

|               |    |    |             |   |       |       |       |    |      |
|---------------|----|----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | 128@0 | 21.28 | 21.64 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | 1@1   | 20.28 | 20.64 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | 1@131 | 20.06 | 20.42 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | 128@0 | 20.25 | 20.61 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | 1@1   | 23.14 | 23.5  | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | 1@131 | 23.08 | 23.44 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | 128@0 | 22.68 | 23.04 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | 1@1   | 23.15 | 23.51 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | 1@131 | 23.09 | 23.45 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | 128@0 | 22.16 | 22.52 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | 1@1   | 22.11 | 22.47 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | 1@131 | 22.13 | 22.49 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | 128@0 | 21.13 | 21.49 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | 1@1   | 20.95 | 21.31 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | 1@131 | 20.93 | 21.29 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | 128@0 | 21.16 | 21.52 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | 1@1   | 19.97 | 20.33 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | 1@131 | 19.95 | 20.31 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | 128@0 | 20.12 | 20.48 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | 1@1   | 23.53 | 23.89 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | 1@160 | 23.13 | 23.49 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | 162@0 | 22.89 | 23.25 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | 1@1   | 23.55 | 23.91 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | 1@160 | 23.16 | 23.52 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | 162@0 | 22.36 | 22.72 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | 1@1   | 22.58 | 22.94 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | 1@160 | 22.15 | 22.51 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | 162@0 | 21.38 | 21.74 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | 1@1   | 21.33 | 21.69 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | 1@160 | 20.97 | 21.33 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | 162@0 | 21.34 | 21.7  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | 1@1   | 20.38 | 20.74 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | 1@160 | 19.96 | 20.32 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | 162@0 | 20.40 | 20.76 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | 1@1   | 23.36 | 23.72 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | 1@160 | 23.28 | 23.64 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | 162@0 | 22.86 | 23.22 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | 1@1   | 23.36 | 23.72 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | 1@160 | 23.32 | 23.68 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | 162@0 | 22.34 | 22.7  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | 1@1   | 22.34 | 22.7  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | 1@160 | 22.34 | 22.7  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | 162@0 | 21.35 | 21.71 | 30 | PASS |

|               |    |    |             |   |       |       |       |    |      |
|---------------|----|----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | 1@1   | 21.18 | 21.54 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | 1@160 | 21.10 | 21.46 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | 162@0 | 21.32 | 21.68 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | 1@1   | 20.19 | 20.55 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | 1@160 | 20.12 | 20.48 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | 162@0 | 20.31 | 20.67 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | 1@1   | 23.42 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | 1@160 | 23.14 | 23.5  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | 162@0 | 22.83 | 23.19 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | 1@1   | 23.45 | 23.81 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | 1@160 | 23.20 | 23.56 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | 162@0 | 22.32 | 22.68 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | 1@1   | 22.41 | 22.77 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | 1@160 | 22.24 | 22.6  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | 162@0 | 21.32 | 21.68 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | 1@1   | 21.21 | 21.57 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | 1@160 | 21.01 | 21.37 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | 162@0 | 21.27 | 21.63 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | 1@1   | 20.26 | 20.62 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | 1@160 | 19.98 | 20.34 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | 162@0 | 20.29 | 20.65 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | 1@1   | 23.33 | 23.69 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | 1@187 | 23.08 | 23.44 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | 180@0 | 22.60 | 22.96 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | 1@1   | 23.37 | 23.73 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | 1@187 | 23.10 | 23.46 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | 180@0 | 22.12 | 22.48 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | 1@1   | 22.34 | 22.7  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | 1@187 | 22.08 | 22.44 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | 180@0 | 21.12 | 21.48 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | 1@1   | 21.13 | 21.49 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | 1@187 | 20.91 | 21.27 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | 180@0 | 21.13 | 21.49 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | 1@1   | 20.21 | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | 1@187 | 19.92 | 20.28 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | 180@0 | 20.14 | 20.5  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | 1@1   | 23.41 | 23.77 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | 1@187 | 23.10 | 23.46 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | 180@0 | 22.73 | 23.09 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | 1@1   | 23.35 | 23.71 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | 1@187 | 23.09 | 23.45 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | 180@0 | 22.19 | 22.55 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | 1@1   | 22.36 | 22.72 | 30 | PASS |



|               |    |    |             |   |       |       |       |    |      |
|---------------|----|----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | 1@187 | 22.07 | 22.43 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | 180@0 | 21.18 | 21.54 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | 1@1   | 21.17 | 21.53 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | 1@187 | 20.91 | 21.27 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | 180@0 | 21.22 | 21.58 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | 1@1   | 20.17 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | 1@187 | 19.91 | 20.27 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | 180@0 | 20.18 | 20.54 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | 1@1   | 23.45 | 23.81 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | 1@187 | 23.01 | 23.37 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | 180@0 | 22.59 | 22.95 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | 1@1   | 23.23 | 23.59 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | 1@187 | 23.06 | 23.42 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | 180@0 | 22.10 | 22.46 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | 1@1   | 22.21 | 22.57 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | 1@187 | 22.10 | 22.46 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | 180@0 | 21.11 | 21.47 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | 1@1   | 21.05 | 21.41 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | 1@187 | 20.86 | 21.22 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | 180@0 | 21.06 | 21.42 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | H | 1@1   | 20.07 | 20.43 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | H | 1@187 | 19.90 | 20.26 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | H | 180@0 | 20.15 | 20.51 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | 1@1   | 23.37 | 23.73 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | 1@215 | 23.10 | 23.46 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | 216@0 | 22.66 | 23.02 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | 1@1   | 23.42 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | 1@215 | 23.14 | 23.5  | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | 216@0 | 22.22 | 22.58 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | 1@1   | 22.45 | 22.81 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | 1@215 | 22.19 | 22.55 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | 216@0 | 21.16 | 21.52 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | 1@1   | 21.21 | 21.57 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | 1@215 | 20.91 | 21.27 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | 216@0 | 21.22 | 21.58 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | 1@1   | 20.25 | 20.61 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | 1@215 | 19.96 | 20.32 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | 216@0 | 20.19 | 20.55 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | 1@1   | 23.38 | 23.74 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | 1@215 | 23.03 | 23.39 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | 216@0 | 22.66 | 23.02 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | 1@1   | 23.37 | 23.73 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | 1@215 | 23.05 | 23.41 | 30 | PASS |

|               |    |    |             |   |       |       |       |    |      |
|---------------|----|----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | 216@0 | 22.14 | 22.5  | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | 1@1   | 22.32 | 22.68 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | 1@215 | 22.02 | 22.38 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | 216@0 | 21.17 | 21.53 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | 1@1   | 21.19 | 21.55 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | 1@215 | 20.85 | 21.21 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | 216@0 | 21.21 | 21.57 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | 1@1   | 20.21 | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | 1@215 | 19.86 | 20.22 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | 216@0 | 20.19 | 20.55 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | 1@1   | 23.29 | 23.65 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | 1@215 | 23.06 | 23.42 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | 216@0 | 22.69 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | 1@1   | 23.26 | 23.62 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | 1@215 | 23.06 | 23.42 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | 216@0 | 22.20 | 22.56 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | 1@1   | 22.22 | 22.58 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | 1@215 | 22.05 | 22.41 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | 216@0 | 21.18 | 21.54 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | 1@1   | 21.01 | 21.37 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | 1@215 | 20.86 | 21.22 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | 216@0 | 21.23 | 21.59 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | 1@1   | 20.11 | 20.47 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | 1@215 | 19.85 | 20.21 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | 216@0 | 20.17 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | 1@1   | 23.33 | 23.69 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | 1@243 | 23.23 | 23.59 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | 240@0 | 22.65 | 23.01 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | 1@1   | 23.39 | 23.75 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | 1@243 | 23.28 | 23.64 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | 240@0 | 22.17 | 22.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | 1@1   | 22.35 | 22.71 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | 1@243 | 22.24 | 22.6  | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | 240@0 | 21.16 | 21.52 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | L | 1@1   | 21.16 | 21.52 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | L | 1@243 | 21.08 | 21.44 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | L | 240@0 | 21.17 | 21.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | 1@1   | 20.17 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | 1@243 | 20.05 | 20.41 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | 240@0 | 20.12 | 20.48 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | 1@1   | 23.40 | 23.76 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | 1@243 | 22.89 | 23.25 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | 240@0 | 22.68 | 23.04 | 30 | PASS |

|               |    |     |             |   |       |       |       |    |      |
|---------------|----|-----|-------------|---|-------|-------|-------|----|------|
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | M | 1@1   | 23.42 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | M | 1@243 | 23.06 | 23.42 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | M | 240@0 | 22.22 | 22.58 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | M | 1@1   | 22.45 | 22.81 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | M | 1@243 | 22.05 | 22.41 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | M | 240@0 | 21.20 | 21.56 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | M | 1@1   | 21.17 | 21.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | M | 1@243 | 20.89 | 21.25 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | M | 240@0 | 21.18 | 21.54 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | 1@1   | 20.26 | 20.62 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | 1@243 | 19.85 | 20.21 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | 240@0 | 20.14 | 20.5  | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | 1@1   | 23.40 | 23.76 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | 1@243 | 22.89 | 23.25 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | 240@0 | 22.74 | 23.1  | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | 1@1   | 23.47 | 23.83 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | 1@243 | 23.00 | 23.36 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | 240@0 | 22.21 | 22.57 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | 1@1   | 22.44 | 22.8  | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | 1@243 | 21.99 | 22.35 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | 240@0 | 21.21 | 21.57 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | 1@1   | 21.25 | 21.61 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | 1@243 | 20.72 | 21.08 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | 240@0 | 21.26 | 21.62 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | 1@1   | 20.25 | 20.61 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | 1@243 | 19.78 | 20.14 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | 240@0 | 20.24 | 20.6  | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | 1@1   | 23.42 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | 1@271 | 23.07 | 23.43 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | 270@0 | 22.69 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | 1@1   | 23.36 | 23.72 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | 1@271 | 23.11 | 23.47 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | 270@0 | 22.17 | 22.53 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | 1@1   | 22.41 | 22.77 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | 1@271 | 22.08 | 22.44 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | 270@0 | 21.21 | 21.57 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | 1@1   | 21.26 | 21.62 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | 1@271 | 20.93 | 21.29 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | 270@0 | 21.19 | 21.55 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | 1@1   | 20.21 | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | 1@271 | 19.93 | 20.29 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | 270@0 | 20.18 | 20.54 | 30 | PASS |

## Field Strength of Spurious Radiation

| SA Band 77 3450-3550 ANT23-Middle channel |               |                |                       |                        |                       |                          |                       |        |
|-------------------------------------------|---------------|----------------|-----------------------|------------------------|-----------------------|--------------------------|-----------------------|--------|
| Frequency<br>(MHz)                        | EIRP<br>(dBm) | Limit<br>(dBm) | Over<br>Limit<br>(dB) | S.G.<br>Power<br>(dBm) | Cable<br>Loss<br>(dB) | Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) | Result |
| 6910.0                                    | -60.91        | -13            | -47.91                | -67.01                 | 4.91                  | 11.01                    | Horizontal            | Pass   |
| 10365.0                                   | -56.68        | -13            | -43.68                | -64.26                 | 5.52                  | 13.1                     | Horizontal            | Pass   |
| 13820.0                                   | -55.69        | -13            | -42.69                | -63.86                 | 6.21                  | 14.38                    | Horizontal            | Pass   |
| 6910.0                                    | -61.07        | -13            | -48.07                | -67.17                 | 4.91                  | 11.01                    | Vertical              | Pass   |
| 10365.0                                   | -56.97        | -13            | -43.97                | -64.55                 | 5.52                  | 13.1                     | Vertical              | Pass   |
| 13820.0                                   | -54.61        | -13            | -41.61                | -62.78                 | 6.21                  | 14.38                    | Vertical              | Pass   |

| DC_7A_n77A 3450-3550- Middle channel |               |                |                       |                        |                       |                          |                       |        |
|--------------------------------------|---------------|----------------|-----------------------|------------------------|-----------------------|--------------------------|-----------------------|--------|
| Frequency<br>(MHz)                   | EIRP<br>(dBm) | Limit<br>(dBm) | Over<br>Limit<br>(dB) | S.G.<br>Power<br>(dBm) | Cable<br>Loss<br>(dB) | Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) | Result |
| 6910.0                               | -61.24        | -13            | -48.24                | -67.34                 | 4.91                  | 11.01                    | Horizontal            | Pass   |
| 10365.0                              | -57.12        | -13            | -44.12                | -64.7                  | 5.52                  | 13.1                     | Horizontal            | Pass   |
| 13820.0                              | -55.28        | -13            | -42.28                | -63.45                 | 6.21                  | 14.38                    | Horizontal            | Pass   |
| 6910.0                               | -61.33        | -13            | -48.33                | -67.43                 | 4.91                  | 11.01                    | Vertical              | Pass   |
| 10365.0                              | -56.85        | -13            | -43.85                | -64.43                 | 5.52                  | 13.1                     | Vertical              | Pass   |
| 13820.0                              | -55.27        | -13            | -42.27                | -63.44                 | 6.21                  | 14.38                    | Vertical              | Pass   |

Remark:

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---