

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

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config       | Power (dBm) | Gain(dBi) | E(IRP (dBm) | Limit (dBm) | Verdict |
|------|-----|-----------|------------|---------|-----------------|-------------|-----------|-------------|-------------|---------|
| n12  | 15  | 5         | DFT-BPSK   | L       | Inner_1RB_Left  | 23.14       | -0.5      | 20.49       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | L       | Inner_1RB_Right | 23.16       | -0.5      | 20.51       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | L       | Inner_Full      | 23.25       | -0.5      | 20.6        | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | L       | Outer_Full      | 23.16       | -0.5      | 20.51       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | L       | Inner_1RB_Left  | 23.05       | -0.5      | 20.4        | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | L       | Inner_1RB_Right | 23.04       | -0.5      | 20.39       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | L       | Inner_Full      | 23.26       | -0.5      | 20.61       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | L       | Outer_Full      | 22.81       | -0.5      | 20.16       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-16QAM  | L       | Inner_1RB_Left  | 22.98       | -0.5      | 20.33       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-16QAM  | L       | Inner_1RB_Right | 22.85       | -0.5      | 20.2        | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-16QAM  | L       | Inner_Full      | 22.81       | -0.5      | 20.16       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-16QAM  | L       | Outer_Full      | 22.07       | -0.5      | 19.42       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-64QAM  | L       | Inner_1RB_Left  | 21.43       | -0.5      | 18.78       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-64QAM  | L       | Inner_1RB_Right | 21.41       | -0.5      | 18.76       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-64QAM  | L       | Inner_Full      | 21.48       | -0.5      | 18.83       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-64QAM  | L       | Outer_Full      | 21.32       | -0.5      | 18.67       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-256QAM | L       | Inner_1RB_Left  | 19.72       | -0.5      | 17.07       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-256QAM | L       | Inner_1RB_Right | 19.63       | -0.5      | 16.98       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-256QAM | L       | Inner_Full      | 19.43       | -0.5      | 16.78       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-256QAM | L       | Outer_Full      | 19.31       | -0.5      | 16.66       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | M       | Inner_1RB_Left  | 23.17       | -0.5      | 20.52       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | M       | Inner_1RB_Right | 23.1        | -0.5      | 20.45       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | M       | Inner_Full      | 23.31       | -0.5      | 20.66       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-BPSK   | M       | Outer_Full      | 23.12       | -0.5      | 20.47       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | M       | Inner_1RB_Left  | 23.38       | -0.5      | 20.73       | 34.8        | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | M       | Inner_1RB_Right | 23.39       | -0.5      | 20.74       | 34.8        | PASS    |

|     |    |   |            |   |                 |       |      |       |      |      |
|-----|----|---|------------|---|-----------------|-------|------|-------|------|------|
| n12 | 15 | 5 | DFT-QPSK   | M | Inner_Full      | 23.14 | -0.5 | 20.49 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-QPSK   | M | Outer_Full      | 22.84 | -0.5 | 20.19 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | M | Inner_1RB_Left  | 22.66 | -0.5 | 20.01 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | M | Inner_1RB_Right | 22.6  | -0.5 | 19.95 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | M | Inner_Full      | 22.87 | -0.5 | 20.22 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | M | Outer_Full      | 21.81 | -0.5 | 19.16 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | M | Inner_1RB_Left  | 21.41 | -0.5 | 18.76 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | M | Inner_1RB_Right | 21.41 | -0.5 | 18.76 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | M | Inner_Full      | 21.51 | -0.5 | 18.86 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | M | Outer_Full      | 21.37 | -0.5 | 18.72 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Left  | 19.47 | -0.5 | 16.82 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Right | 19.56 | -0.5 | 16.91 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-256QAM | M | Inner_Full      | 19.15 | -0.5 | 16.5  | 34.8 | PASS |
| n12 | 15 | 5 | DFT-256QAM | M | Outer_Full      | 19.39 | -0.5 | 16.74 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-BPSK   | H | Inner_1RB_Left  | 23.25 | -0.5 | 20.6  | 34.8 | PASS |
| n12 | 15 | 5 | DFT-BPSK   | H | Inner_1RB_Right | 23.08 | -0.5 | 20.43 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-BPSK   | H | Inner_Full      | 23.25 | -0.5 | 20.6  | 34.8 | PASS |
| n12 | 15 | 5 | DFT-BPSK   | H | Outer_Full      | 23.23 | -0.5 | 20.58 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-QPSK   | H | Inner_1RB_Left  | 23.47 | -0.5 | 20.82 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-QPSK   | H | Inner_1RB_Right | 23.39 | -0.5 | 20.74 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-QPSK   | H | Inner_Full      | 23.3  | -0.5 | 20.65 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-QPSK   | H | Outer_Full      | 22.83 | -0.5 | 20.18 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | H | Inner_1RB_Left  | 22.71 | -0.5 | 20.06 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | H | Inner_1RB_Right | 22.71 | -0.5 | 20.06 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | H | Inner_Full      | 22.99 | -0.5 | 20.34 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-16QAM  | H | Outer_Full      | 21.95 | -0.5 | 19.3  | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | H | Inner_1RB_Left  | 21.49 | -0.5 | 18.84 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | H | Inner_1RB_Right | 21.48 | -0.5 | 18.83 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | H | Inner_Full      | 21.52 | -0.5 | 18.87 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-64QAM  | H | Outer_Full      | 21.49 | -0.5 | 18.84 | 34.8 | PASS |
| n12 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Left  | 19.54 | -0.5 | 16.89 | 34.8 | PASS |

|     |    |    |            |   |                 |       |      |       |      |      |
|-----|----|----|------------|---|-----------------|-------|------|-------|------|------|
| n12 | 15 | 5  | DFT-256QAM | H | Inner_1RB_Right | 19.47 | -0.5 | 16.82 | 34.8 | PASS |
| n12 | 15 | 5  | DFT-256QAM | H | Inner_Full      | 19.19 | -0.5 | 16.54 | 34.8 | PASS |
| n12 | 15 | 5  | DFT-256QAM | H | Outer_Full      | 19.42 | -0.5 | 16.77 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | L | Inner_1RB_Left  | 23.13 | -0.5 | 20.48 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | L | Inner_1RB_Right | 23.4  | -0.5 | 20.75 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | L | Inner_Full      | 23.32 | -0.5 | 20.67 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | L | Outer_Full      | 23.2  | -0.5 | 20.55 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | L | Inner_1RB_Left  | 23.27 | -0.5 | 20.62 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | L | Inner_1RB_Right | 23.37 | -0.5 | 20.72 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | L | Inner_Full      | 23.24 | -0.5 | 20.59 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | L | Outer_Full      | 22.86 | -0.5 | 20.21 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | L | Inner_1RB_Left  | 23.05 | -0.5 | 20.4  | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | L | Inner_1RB_Right | 23    | -0.5 | 20.35 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | L | Inner_Full      | 22.83 | -0.5 | 20.18 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | L | Outer_Full      | 21.97 | -0.5 | 19.32 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | L | Inner_1RB_Left  | 21.79 | -0.5 | 19.14 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | L | Inner_1RB_Right | 21.82 | -0.5 | 19.17 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | L | Inner_Full      | 21.4  | -0.5 | 18.75 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | L | Outer_Full      | 21.4  | -0.5 | 18.75 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Left  | 19.35 | -0.5 | 16.7  | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Right | 19.42 | -0.5 | 16.77 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | L | Inner_Full      | 19.32 | -0.5 | 16.67 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | L | Outer_Full      | 19.36 | -0.5 | 16.71 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | M | Inner_1RB_Left  | 23.09 | -0.5 | 20.44 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | M | Inner_1RB_Right | 23.21 | -0.5 | 20.56 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | M | Inner_Full      | 23.29 | -0.5 | 20.64 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | M | Outer_Full      | 23.18 | -0.5 | 20.53 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | M | Inner_1RB_Left  | 22.94 | -0.5 | 20.29 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | M | Inner_1RB_Right | 23.05 | -0.5 | 20.4  | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | M | Inner_Full      | 23.32 | -0.5 | 20.67 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | M | Outer_Full      | 22.86 | -0.5 | 20.21 | 34.8 | PASS |

|     |    |    |            |   |                 |       |      |       |      |      |
|-----|----|----|------------|---|-----------------|-------|------|-------|------|------|
| n12 | 15 | 10 | DFT-16QAM  | M | Inner_1RB_Left  | 22.94 | -0.5 | 20.29 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | M | Inner_1RB_Right | 23.03 | -0.5 | 20.38 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | M | Inner_Full      | 22.83 | -0.5 | 20.18 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | M | Outer_Full      | 21.96 | -0.5 | 19.31 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | M | Inner_1RB_Left  | 20.92 | -0.5 | 18.27 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | M | Inner_1RB_Right | 21.07 | -0.5 | 18.42 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | M | Inner_Full      | 21.48 | -0.5 | 18.83 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | M | Outer_Full      | 21.42 | -0.5 | 18.77 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Left  | 19.23 | -0.5 | 16.58 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Right | 19.23 | -0.5 | 16.58 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | M | Inner_Full      | 19.49 | -0.5 | 16.84 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | M | Outer_Full      | 19.48 | -0.5 | 16.83 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | H | Inner_1RB_Left  | 23.14 | -0.5 | 20.49 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | H | Inner_1RB_Right | 23.04 | -0.5 | 20.39 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | H | Inner_Full      | 23.28 | -0.5 | 20.63 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-BPSK   | H | Outer_Full      | 23.15 | -0.5 | 20.5  | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | H | Inner_1RB_Left  | 23.18 | -0.5 | 20.53 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | H | Inner_1RB_Right | 23.44 | -0.5 | 20.79 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | H | Inner_Full      | 23.25 | -0.5 | 20.6  | 34.8 | PASS |
| n12 | 15 | 10 | DFT-QPSK   | H | Outer_Full      | 22.88 | -0.5 | 20.23 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | H | Inner_1RB_Left  | 22.87 | -0.5 | 20.22 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | H | Inner_1RB_Right | 22.83 | -0.5 | 20.18 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | H | Inner_Full      | 23.01 | -0.5 | 20.36 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-16QAM  | H | Outer_Full      | 21.91 | -0.5 | 19.26 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | H | Inner_1RB_Left  | 21.17 | -0.5 | 18.52 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | H | Inner_1RB_Right | 21.15 | -0.5 | 18.5  | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | H | Inner_Full      | 21.48 | -0.5 | 18.83 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-64QAM  | H | Outer_Full      | 21.5  | -0.5 | 18.85 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Left  | 19.21 | -0.5 | 16.56 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Right | 19.11 | -0.5 | 16.46 | 34.8 | PASS |
| n12 | 15 | 10 | DFT-256QAM | H | Inner_Full      | 19.43 | -0.5 | 16.78 | 34.8 | PASS |

|     |    |    |            |   |                 |       |      |       |      |      |
|-----|----|----|------------|---|-----------------|-------|------|-------|------|------|
| n12 | 15 | 10 | DFT-256QAM | H | Outer_Full      | 19.49 | -0.5 | 16.84 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | L | Inner_1RB_Left  | 23.22 | -0.5 | 20.57 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | L | Inner_1RB_Right | 23.24 | -0.5 | 20.59 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | L | Inner_Full      | 23.22 | -0.5 | 20.57 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | L | Outer_Full      | 23.18 | -0.5 | 20.53 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | L | Inner_1RB_Left  | 22.77 | -0.5 | 20.12 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | L | Inner_1RB_Right | 22.96 | -0.5 | 20.31 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | L | Inner_Full      | 23.16 | -0.5 | 20.51 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | L | Outer_Full      | 22.92 | -0.5 | 20.27 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | L | Inner_1RB_Left  | 22.68 | -0.5 | 20.03 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | L | Inner_1RB_Right | 22.69 | -0.5 | 20.04 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | L | Inner_Full      | 22.77 | -0.5 | 20.12 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | L | Outer_Full      | 21.89 | -0.5 | 19.24 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | L | Inner_1RB_Left  | 21.26 | -0.5 | 18.61 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | L | Inner_1RB_Right | 21.19 | -0.5 | 18.54 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | L | Inner_Full      | 21.43 | -0.5 | 18.78 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | L | Outer_Full      | 21.35 | -0.5 | 18.7  | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | L | Inner_1RB_Left  | 19.58 | -0.5 | 16.93 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | L | Inner_1RB_Right | 19.49 | -0.5 | 16.84 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | L | Inner_Full      | 19.33 | -0.5 | 16.68 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | L | Outer_Full      | 19.37 | -0.5 | 16.72 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | M | Inner_1RB_Left  | 23.22 | -0.5 | 20.57 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | M | Inner_1RB_Right | 23.2  | -0.5 | 20.55 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | M | Inner_Full      | 23.33 | -0.5 | 20.68 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | M | Outer_Full      | 23.21 | -0.5 | 20.56 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | M | Inner_1RB_Left  | 23.21 | -0.5 | 20.56 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | M | Inner_1RB_Right | 23.24 | -0.5 | 20.59 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | M | Inner_Full      | 23.22 | -0.5 | 20.57 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | M | Outer_Full      | 22.92 | -0.5 | 20.27 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | M | Inner_1RB_Left  | 22.89 | -0.5 | 20.24 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | M | Inner_1RB_Right | 22.93 | -0.5 | 20.28 | 34.8 | PASS |

|     |    |    |            |   |                 |       |      |       |      |      |
|-----|----|----|------------|---|-----------------|-------|------|-------|------|------|
| n12 | 15 | 15 | DFT-16QAM  | M | Inner_Full      | 22.71 | -0.5 | 20.06 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | M | Outer_Full      | 21.87 | -0.5 | 19.22 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | M | Inner_1RB_Left  | 21.62 | -0.5 | 18.97 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | M | Inner_1RB_Right | 21.66 | -0.5 | 19.01 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | M | Inner_Full      | 21.49 | -0.5 | 18.84 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | M | Outer_Full      | 21.5  | -0.5 | 18.85 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | M | Inner_1RB_Left  | 19.1  | -0.5 | 16.45 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | M | Inner_1RB_Right | 18.97 | -0.5 | 16.32 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | M | Inner_Full      | 19.38 | -0.5 | 16.73 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | M | Outer_Full      | 19.36 | -0.5 | 16.71 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | H | Inner_1RB_Left  | 23.15 | -0.5 | 20.5  | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | H | Inner_1RB_Right | 22.99 | -0.5 | 20.34 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | H | Inner_Full      | 23.22 | -0.5 | 20.57 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-BPSK   | H | Outer_Full      | 23.16 | -0.5 | 20.51 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | H | Inner_1RB_Left  | 22.79 | -0.5 | 20.14 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | H | Inner_1RB_Right | 22.66 | -0.5 | 20.01 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | H | Inner_Full      | 23.14 | -0.5 | 20.49 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-QPSK   | H | Outer_Full      | 22.88 | -0.5 | 20.23 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | H | Inner_1RB_Left  | 22.54 | -0.5 | 19.89 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | H | Inner_1RB_Right | 22.47 | -0.5 | 19.82 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | H | Inner_Full      | 22.85 | -0.5 | 20.2  | 34.8 | PASS |
| n12 | 15 | 15 | DFT-16QAM  | H | Outer_Full      | 21.79 | -0.5 | 19.14 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | H | Inner_1RB_Left  | 21.31 | -0.5 | 18.66 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | H | Inner_1RB_Right | 21.29 | -0.5 | 18.64 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | H | Inner_Full      | 21.25 | -0.5 | 18.6  | 34.8 | PASS |
| n12 | 15 | 15 | DFT-64QAM  | H | Outer_Full      | 21.37 | -0.5 | 18.72 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | H | Inner_1RB_Left  | 19.62 | -0.5 | 16.97 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | H | Inner_1RB_Right | 19.58 | -0.5 | 16.93 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | H | Inner_Full      | 19.4  | -0.5 | 16.75 | 34.8 | PASS |
| n12 | 15 | 15 | DFT-256QAM | H | Outer_Full      | 19.48 | -0.5 | 16.83 | 34.8 | PASS |

## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(CCDF)

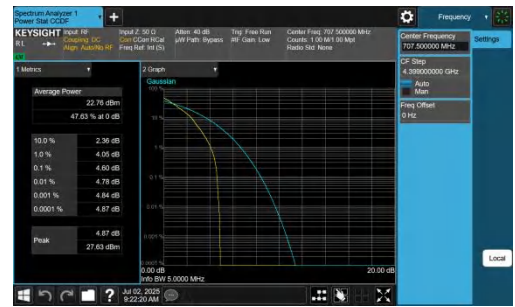
### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config  | Result<br>(dB) | Limit<br>(dB) | Verdict |
|------|-----|-----------|------------|---------|------------|----------------|---------------|---------|
| n12  | 15  | 5         | DFT-BPSK   | M       | Outer_Full | 4.02           | ≤13dB         | PASS    |
| n12  | 15  | 5         | DFT-QPSK   | M       | Outer_Full | 4.6            | ≤13dB         | PASS    |
| n12  | 15  | 5         | DFT-16QAM  | M       | Outer_Full | 5.52           | ≤13dB         | PASS    |
| n12  | 15  | 5         | DFT-64QAM  | M       | Outer_Full | 6.18           | ≤13dB         | PASS    |
| n12  | 15  | 5         | DFT-256QAM | M       | Outer_Full | 6.31           | ≤13dB         | PASS    |
| n12  | 15  | 10        | DFT-BPSK   | M       | Outer_Full | 4.09           | ≤13dB         | PASS    |
| n12  | 15  | 10        | DFT-QPSK   | M       | Outer_Full | 4.41           | ≤13dB         | PASS    |
| n12  | 15  | 10        | DFT-16QAM  | M       | Outer_Full | 5.31           | ≤13dB         | PASS    |
| n12  | 15  | 10        | DFT-64QAM  | M       | Outer_Full | 5.81           | ≤13dB         | PASS    |
| n12  | 15  | 10        | DFT-256QAM | M       | Outer_Full | 6.53           | ≤13dB         | PASS    |
| n12  | 15  | 15        | DFT-BPSK   | M       | Outer_Full | 3.83           | ≤13dB         | PASS    |
| n12  | 15  | 15        | DFT-QPSK   | M       | Outer_Full | 4.37           | ≤13dB         | PASS    |
| n12  | 15  | 15        | DFT-16QAM  | M       | Outer_Full | 5.3            | ≤13dB         | PASS    |
| n12  | 15  | 15        | DFT-64QAM  | M       | Outer_Full | 5.74           | ≤13dB         | PASS    |
| n12  | 15  | 15        | DFT-256QAM | M       | Outer_Full | 6.47           | ≤13dB         | PASS    |

## Test Graphs



NTNV-n12-PC3-15-5-M-DFT-BPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-5-M-DFT-16QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-5-M-DFT-64QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-5-M-DFT-256QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-10-M-DFT-BPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-10-M-DFT-QPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-10-M-DFT-16QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-10-M-DFT-64QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-10-M-DFT-256QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-15-M-DFT-BPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-15-M-DFT-QPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-15-M-DFT-16QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-15-M-DFT-64QAM-Outer\_Full-PASS



NTNV-n12-PC3-15-15-M-DFT-256QAM-Outer\_Full-PASS

## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|------------|---------|------------|--------------|---------------|---------|
| n12  | 15  | 5         | CP-QPSK    | M       | Outer_Full | 4.4853       | 5.123         | PASS    |
| n12  | 15  | 5         | CP-16QAM   | M       | Outer_Full | 4.4755       | 5.106         | PASS    |
| n12  | 15  | 5         | CP-64QAM   | M       | Outer_Full | 4.5048       | 5.267         | PASS    |
| n12  | 15  | 5         | CP-256QAM  | M       | Outer_Full | 4.4864       | 5.116         | PASS    |
| n12  | 15  | 10        | CP-QPSK    | M       | Outer_Full | 9.2845       | 10.14         | PASS    |
| n12  | 15  | 10        | CP-16QAM   | M       | Outer_Full | 9.3269       | 10.21         | PASS    |
| n12  | 15  | 10        | CP-64QAM   | M       | Outer_Full | 9.2960       | 10.26         | PASS    |
| n12  | 15  | 10        | CP-256QAM  | M       | Outer_Full | 9.2591       | 10.05         | PASS    |
| n12  | 15  | 15        | CP-QPSK    | M       | Outer_Full | 14.125       | 15.18         | PASS    |
| n12  | 15  | 15        | CP-16QAM   | M       | Outer_Full | 14.092       | 15.13         | PASS    |
| n12  | 15  | 15        | CP-64QAM   | M       | Outer_Full | 14.149       | 15.11         | PASS    |
| n12  | 15  | 15        | CP-256QAM  | M       | Outer_Full | 14.136       | 15.15         | PASS    |

# Test Graphs



NTNV-n12-PC3-15-5-M-CP-QPSK-Outet\_Full-Ant1-PASS



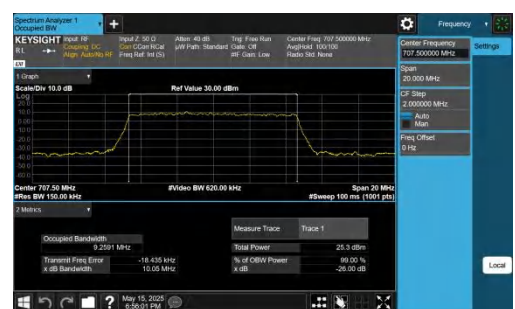
NTNV-n12-PC3-15-5-M-CP-16QAM-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-5-M-CP-256QAM-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-10-M-CP-16QAM-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-10-M-CP-256QAM-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-15-M-CP-QPSK-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-15-M-CP-16QAM-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-15-M-CP-64QAM-Outet\_Full-Ant1-PASS



NTNV-n12-PC3-15-15-M-CP-256QAM-Outet\_Full-Ant1-PASS

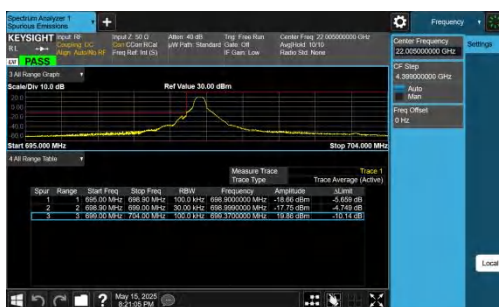
# Band Edge for SA

## Test Graphs



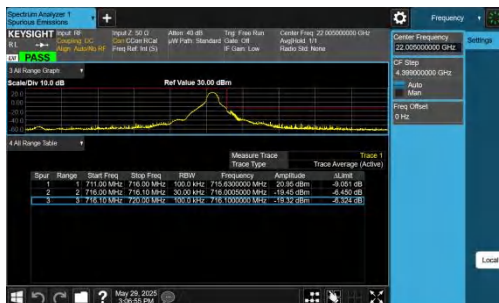
NTNV-n12-PC3-15-5-L-DFT-BPSK-Edge\_1RB\_Left-PASS

NTNV-n12-PC3-15-5-L-DFT-BPSK-Outer\_Full-PASS



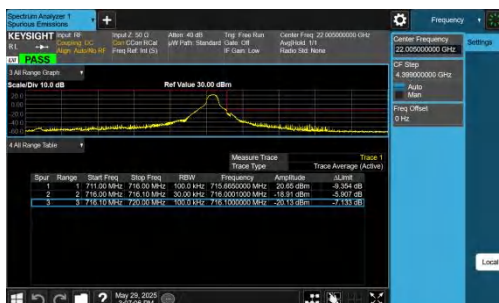
NTNV-n12-PC3-15-5-L-DFT-QPSK-Edge\_1RB\_Left-PASS

NTNV-n12-PC3-15-5-L-DFT-QPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-5-H-DFT-BPSK-Edge\_1RB\_Right-PASS

NTNV-n12-PC3-15-5-H-DFT-BPSK-Outer\_Full-PASS



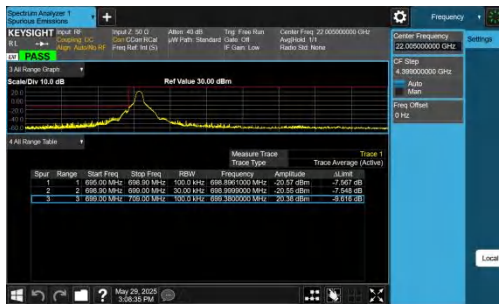
NTNV-n12-PC3-15-5-H-DFT-QPSK-Edge\_1RB\_Right-PASS

NTNV-n12-PC3-15-5-H-DFT-QPSK-Outer\_Full-PASS



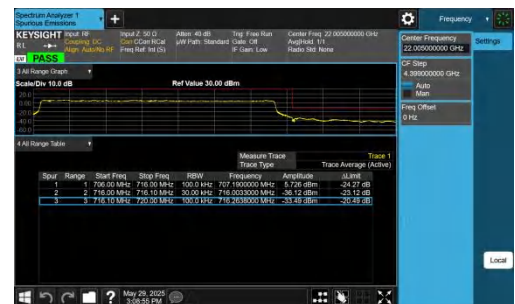
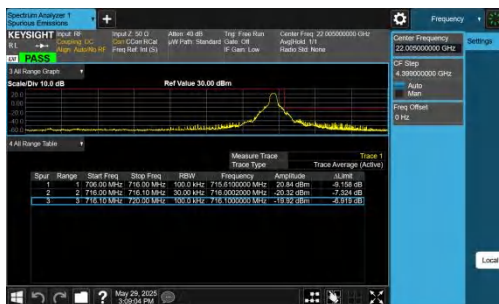
NTNV-n12-PC3-15-10-L-DFT-BPSK-Edge\_1RB\_Left-PASS

NTNV-n12-PC3-15-10-L-DFT-BPSK-Outer\_Full-PASS



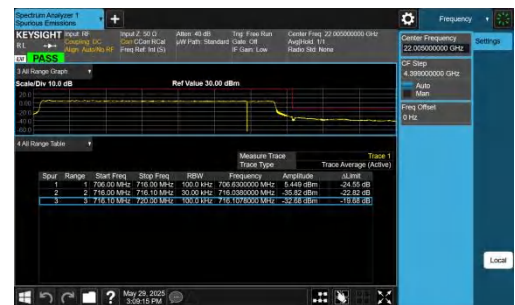
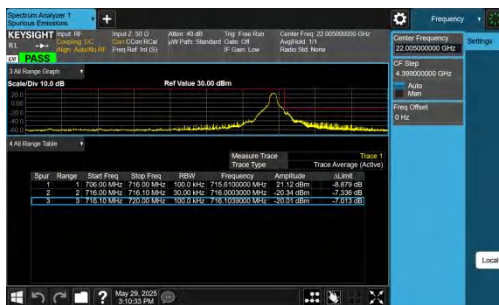
NTNV-n12-PC3-15-10-L-DFT-QPSK-Edge\_1RB\_Left-PASS

NTNV-n12-PC3-15-10-L-DFT-QPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-10-H-DFT-BPSK-Edge\_1RB\_Right-PASS

NTNV-n12-PC3-15-10-H-DFT-BPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-10-H-DFT-QPSK-Edge\_1RB\_Right-PASS

NTNV-n12-PC3-15-10-H-DFT-QPSK-Outer\_Full-PASS



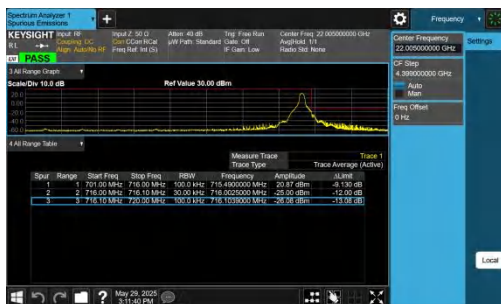
NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge\_1RB\_Left-PASS

NTNV-n12-PC3-15-15-L-DFT-BPSK-Outer\_Full-PASS



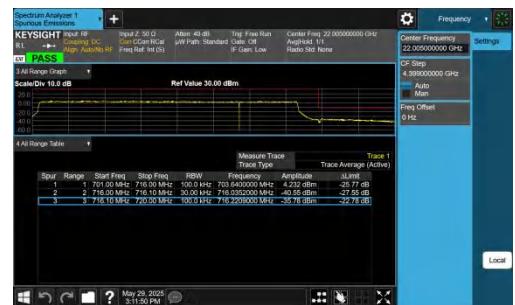
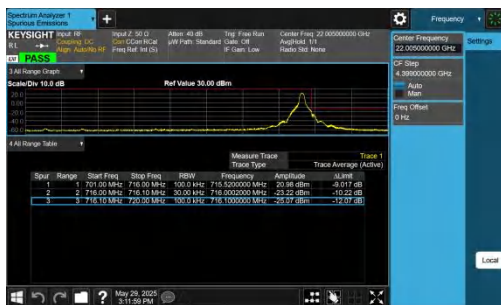
NTNV-n12-PC3-15-15-L-DFT-QPSK-Edge\_1RB\_Left-PASS

NTNV-n12-PC3-15-15-L-DFT-QPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge\_1RB\_Right-PASS

NTNV-n12-PC3-15-15-H-DFT-BPSK-Outer\_Full-PASS



NTNV-n12-PC3-15-15-H-DFT-QPSK-Edge\_1RB\_Right-PASS

NTNV-n12-PC3-15-15-H-DFT-QPSK-Outer\_Full-PASS

## Conducted Spurious Emission for SA

## Test Graphs



NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Left-0.009-0.15-PASS

NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Left-0.15-30-PASS



NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Left-30-1000-PASS

NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Left-1000-3000-PASS



NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Left-3000-12000-PAS

NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Left-12000-20000-PAS

S

co



NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Right-0.009-0.15-PAS

NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner 1RB Right-0.15-30-PASS

S



NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner\_1RB\_Right-30-1000-PASS

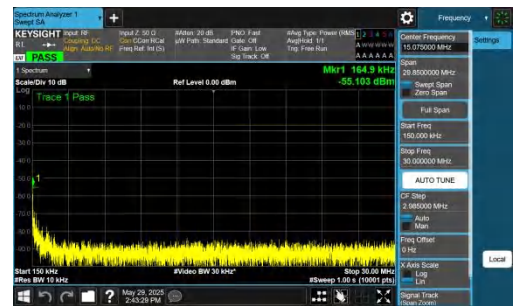


NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner\_1RB\_Right-1000-3000-PASS


NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner\_1RB\_Right-3000-12000-PA  
SS

NTNV-n12-PC3-15-5-L-DFT-BPSK-Inner\_1RB\_Right-12000-20000-PA  
SS


NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Left-0.009-0.15-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Left-0.15-30-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Left-30-1000-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Left-1000-3000-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Left-3000-12000-PAS

S



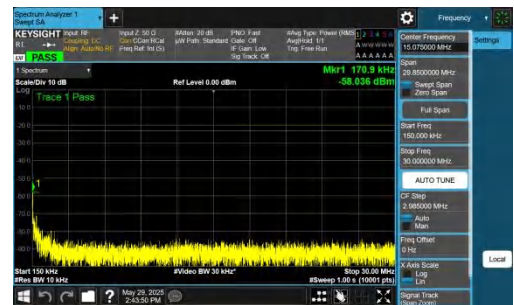
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NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Right-0.009-0.15-PAS

S



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Right-0.15-30-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Right-30-1000-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Right-1000-3000-PASS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Right-3000-12000-PA

SS



NTNV-n12-PC3-15-5-L-DFT-QPSK-Inner\_1RB\_Right-12000-20000-PA

SS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Left-0.009-0.15-PAS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner 1RB Left-0.15-30-PASS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner 1RB Left-30-1000-PASS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner 1RB Left-1000-3000-PASS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Left-3000-12000-PAS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Left-12000-20000-PAS



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Right-0.009-0.15-PA



NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner 1RB Right-0.15-30-PASS

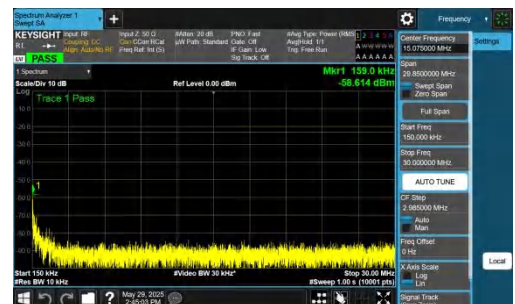


NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Right-30-1000-PASS


NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Right-1000-3000-PASS  
S

NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Right-3000-12000-PASS  
SS

NTNV-n12-PC3-15-5-M-DFT-BPSK-Inner\_1RB\_Right-12000-20000-PASS  
SS

NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Left-0.009-0.15-PASS  
S


NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Left-0.15-30-PASS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Left-30-1000-PASS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Left-1000-3000-PASS



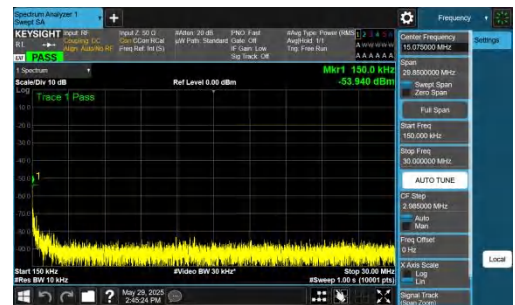
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SS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Left-12000-20000-PA  
SS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Right-0.009-0.15-PA  
SS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Right-0.15-30-PASS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Right-30-1000-PASS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Right-1000-3000-PAS  
S



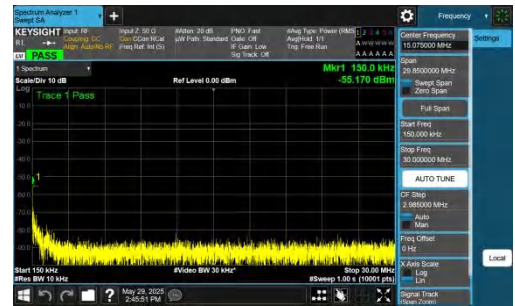
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ASS



NTNV-n12-PC3-15-5-M-DFT-QPSK-Inner\_1RB\_Right-12000-20000-P  
ASS



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Left-0.009-0.15-PASS



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Left-0.15-30-PASS



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Left-30-1000-PASS



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Left-1000-3000-PASS



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Left-3000-12000-PAS

S



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Left-12000-20000-PAS

S



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Right-0.009-0.15-PAS

S



NTNV-n12-PC3-15-5-H-DFT-BPSK-Inner\_1RB\_Right-0.15-30-PASS