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# Appendix



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

### Test Result

| Band          | SC S | Bandwidth | Modulation  | Channel | RB Config       | Power (dBm) | EIRP (dBm) | Limit | Verdict |
|---------------|------|-----------|-------------|---------|-----------------|-------------|------------|-------|---------|
| N77-3450-3550 | 30   | 10        | DFT-PI2BPSK | L       | Inner_1RB_Left  | 25.4        | 25.27      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-PI2BPSK | L       | Inner_1RB_Right | 25.51       | 25.38      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-PI2BPSK | L       | Outer_Full      | 24.93       | 24.8       | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-QPSK    | L       | Inner_1RB_Left  | 25.4        | 25.27      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-QPSK    | L       | Inner_1RB_Right | 25.4        | 25.27      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-QPSK    | L       | Outer_Full      | 24.56       | 24.43      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-16QAM   | L       | Inner_1RB_Left  | 24.58       | 24.45      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-16QAM   | L       | Inner_1RB_Right | 24.46       | 24.33      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-16QAM   | L       | Outer_Full      | 23.57       | 23.44      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-64QAM   | L       | Inner_1RB_Left  | 22.44       | 22.31      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-64QAM   | L       | Inner_1RB_Right | 22.34       | 22.21      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-64QAM   | L       | Outer_Full      | 22.95       | 22.82      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-256QAM  | L       | Inner_1RB_Left  | 20.74       | 20.61      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-256QAM  | L       | Inner_1RB_Right | 20.71       | 20.58      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-256QAM  | L       | Outer_Full      | 20.89       | 20.76      | 30    | PASS    |
| N77-3450-3550 | 30   | 10        | DFT-        | M       | Inner_1RB_Left  | 25.44       | 25.31      | 30    | PASS    |



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|---------------|----|----|-------------|---|---------------------|-------|-------|----|------|
| 3550          |    |    | PI2BPSK     |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | M | Inner_1RB_Rig<br>ht | 25.35 | 25.22 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full          | 24.86 | 24.73 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK    | M | Inner_1RB_Lef<br>t  | 25.39 | 25.26 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK    | M | Inner_1RB_Rig<br>ht | 25.26 | 25.13 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK    | M | Outer_Full          | 24.35 | 24.22 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | M | Inner_1RB_Lef<br>t  | 24.57 | 24.44 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | M | Inner_1RB_Rig<br>ht | 24.4  | 24.27 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | M | Outer_Full          | 23.44 | 23.31 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | M | Inner_1RB_Lef<br>t  | 22.24 | 22.11 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | M | Inner_1RB_Rig<br>ht | 22.23 | 22.1  | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | M | Outer_Full          | 22.98 | 22.85 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | M | Inner_1RB_Lef<br>t  | 20.67 | 20.54 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | M | Inner_1RB_Rig<br>ht | 20.54 | 20.41 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | M | Outer_Full          | 20.82 | 20.69 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | H | Inner_1RB_Lef<br>t  | 25.32 | 25.19 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | H | Inner_1RB_Rig<br>ht | 25.45 | 25.32 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | H | Outer_Full          | 24.88 | 24.75 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK    | H | Inner_1RB_Lef<br>t  | 25.25 | 25.12 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK    | H | Inner_1RB_Rig       | 25.39 | 25.26 | 30 | PASS |



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| 3550          |    |    |             |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 10 | DFT-QPSK    | H | Outer_Full      | 24.37 | 24.24 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 24.38 | 24.25 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 24.52 | 24.39 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM   | H | Outer_Full      | 23.44 | 23.31 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 22.21 | 22.08 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 22.39 | 22.26 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM   | H | Outer_Full      | 22.96 | 22.83 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 20.47 | 20.34 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 20.67 | 20.54 | 30 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-256QAM  | H | Outer_Full      | 20.71 | 20.58 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.74 | 25.61 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 25.65 | 25.52 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | Outer_Full      | 25.17 | 25.04 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 25.74 | 25.61 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 25.61 | 25.48 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | L | Outer_Full      | 24.67 | 24.54 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 24.68 | 24.55 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 24.74 | 24.61 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | Outer_Full      | 23.74 | 23.61 | 30 | PASS |



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| 3550          |    |    |             |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 22.81 | 22.68 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 22.47 | 22.34 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | Outer_Full      | 23.16 | 23.03 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 21.04 | 20.91 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 20.99 | 20.86 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | Outer_Full      | 21.16 | 21.03 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.68 | 25.55 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.48 | 25.35 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full      | 25.09 | 24.96 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 25.61 | 25.48 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 25.51 | 25.38 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | Outer_Full      | 24.63 | 24.5  | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 24.66 | 24.53 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 24.62 | 24.49 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | Outer_Full      | 23.61 | 23.48 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 22.65 | 22.52 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 22.52 | 22.39 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | Outer_Full      | 23.06 | 22.93 | 30 | PASS |
| N77-3450-     | 30 | 15 | DFT-        | M | Inner_1RB_Left  | 20.98 | 20.85 | 30 | PASS |



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| 3550          |    |    | 256QAM      |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | M | Inner_1RB_Rig<br>ht | 20.86 | 20.73 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | M | Outer_Full          | 21.02 | 20.89 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | Inner_1RB_Lef<br>t  | 25.4  | 25.27 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | Inner_1RB_Rig<br>ht | 25.47 | 25.34 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full          | 24.92 | 24.79 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | Inner_1RB_Lef<br>t  | 25.38 | 25.25 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | Inner_1RB_Rig<br>ht | 25.54 | 25.41 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | Outer_Full          | 24.43 | 24.3  | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | Inner_1RB_Lef<br>t  | 24.54 | 24.41 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | Inner_1RB_Rig<br>ht | 24.48 | 24.35 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | Outer_Full          | 23.48 | 23.35 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | Inner_1RB_Lef<br>t  | 22.2  | 22.07 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | Inner_1RB_Rig<br>ht | 22.43 | 22.3  | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | Outer_Full          | 22.84 | 22.71 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | Inner_1RB_Lef<br>t  | 20.78 | 20.65 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | Inner_1RB_Rig<br>ht | 20.87 | 20.74 | 30 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | Outer_Full          | 20.97 | 20.84 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | Inner_1RB_Lef<br>t  | 25.73 | 25.6  | 30 | PASS |
| N77-3450-     | 30 | 20 | DFT-        | L | Inner_1RB_Rig       | 25.56 | 25.43 | 30 | PASS |



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| 3550          |    |    | PI2BPSK     |   | ht                  |       |       |    |      |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full          | 25.16 | 25.03 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | Inner_1RB_Lef<br>t  | 25.74 | 25.61 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | Inner_1RB_Rig<br>ht | 25.56 | 25.43 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | Outer_Full          | 24.66 | 24.53 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | Inner_1RB_Lef<br>t  | 24.77 | 24.64 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | Inner_1RB_Rig<br>ht | 24.61 | 24.48 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | Outer_Full          | 23.62 | 23.49 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | Inner_1RB_Lef<br>t  | 22.55 | 22.42 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | Inner_1RB_Rig<br>ht | 22.74 | 22.61 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | Outer_Full          | 23.12 | 22.99 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | Inner_1RB_Lef<br>t  | 20.98 | 20.85 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | Inner_1RB_Rig<br>ht | 20.85 | 20.72 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | Outer_Full          | 21.04 | 20.91 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | Inner_1RB_Lef<br>t  | 25.69 | 25.56 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | Inner_1RB_Rig<br>ht | 25.49 | 25.36 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full          | 25.09 | 24.96 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | Inner_1RB_Lef<br>t  | 25.64 | 25.51 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | Inner_1RB_Rig<br>ht | 25.41 | 25.28 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | Outer_Full          | 24.63 | 24.5  | 30 | PASS |



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| 3550          |    |    |             |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 24.71 | 24.58 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 24.59 | 24.46 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | Outer_Full      | 23.59 | 23.46 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 22.54 | 22.41 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 22.48 | 22.35 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | Outer_Full      | 23.09 | 22.96 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 20.97 | 20.84 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 20.8  | 20.67 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Outer_Full      | 21.04 | 20.91 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.34 | 25.21 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.4  | 25.27 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full      | 24.89 | 24.76 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 25.34 | 25.21 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 25.38 | 25.25 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Outer_Full      | 24.38 | 24.25 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 24.46 | 24.33 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 24.59 | 24.46 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Outer_Full      | 23.3  | 23.17 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 22.22 | 22.09 | 30 | PASS |



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|---------------|----|----|-------------|---|---------------------|-------|-------|----|------|
| 3550          |    |    |             |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Rig<br>ht | 22.32 | 22.19 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Outer_Full          | 22.79 | 22.66 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Lef<br>t  | 20.52 | 20.39 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Rig<br>ht | 20.64 | 20.51 | 30 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Outer_Full          | 20.77 | 20.64 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | Inner_1RB_Lef<br>t  | 25.79 | 25.66 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | Inner_1RB_Rig<br>ht | 25.42 | 25.29 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full          | 25.04 | 24.91 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | Inner_1RB_Lef<br>t  | 25.67 | 25.54 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | Inner_1RB_Rig<br>ht | 25.51 | 25.38 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | Outer_Full          | 24.57 | 24.44 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | Inner_1RB_Lef<br>t  | 24.88 | 24.75 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | Inner_1RB_Rig<br>ht | 24.28 | 24.15 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | Outer_Full          | 23.5  | 23.37 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | Inner_1RB_Lef<br>t  | 22.75 | 22.62 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | Inner_1RB_Rig<br>ht | 22.29 | 22.16 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | Outer_Full          | 23.03 | 22.9  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | L | Inner_1RB_Lef<br>t  | 21.04 | 20.91 | 30 | PASS |
| N77-3450-     | 30 | 30 | DFT-        | L | Inner_1RB_Rig       | 20.72 | 20.59 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| 3550          |    |    | 256QAM      |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | L | Outer_Full      | 20.97 | 20.84 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.7  | 25.57 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.59 | 25.46 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full      | 25.07 | 24.94 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | Inner_1RB_Left  | 25.63 | 25.5  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | Inner_1RB_Right | 25.47 | 25.34 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | Outer_Full      | 24.5  | 24.37 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | Inner_1RB_Left  | 24.73 | 24.6  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | Inner_1RB_Right | 24.42 | 24.29 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | Outer_Full      | 23.5  | 23.37 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | Inner_1RB_Left  | 22.57 | 22.44 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | Inner_1RB_Right | 22.29 | 22.16 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | Outer_Full      | 23.11 | 22.98 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | Inner_1RB_Left  | 20.96 | 20.83 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | Inner_1RB_Right | 20.67 | 20.54 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | Outer_Full      | 21.09 | 20.96 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.56 | 25.43 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.49 | 25.36 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-        | H | Outer_Full      | 24.92 | 24.79 | 30 | PASS |



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| 3550          |    |    | PI2BPSK     |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | Inner_1RB_Left  | 25.53 | 25.4  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | Inner_1RB_Right | 25.43 | 25.3  | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | Outer_Full      | 24.4  | 24.27 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | Inner_1RB_Left  | 24.58 | 24.45 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | Inner_1RB_Right | 24.58 | 24.45 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | Outer_Full      | 23.29 | 23.16 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | Inner_1RB_Left  | 22.57 | 22.44 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | Inner_1RB_Right | 22.29 | 22.16 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | Outer_Full      | 22.79 | 22.66 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | Inner_1RB_Left  | 20.79 | 20.66 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | Inner_1RB_Right | 20.76 | 20.63 | 30 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | Outer_Full      | 20.76 | 20.63 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.8  | 25.67 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Right | 25.67 | 25.54 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full      | 25.09 | 24.96 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Left  | 25.76 | 25.63 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Right | 25.59 | 25.46 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Outer_Full      | 24.59 | 24.46 | 30 | PASS |
| N77-3450-     | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Left  | 24.68 | 24.55 | 30 | PASS |



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| 3550          |    |    |             |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Rig<br>ht | 24.62 | 24.49 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | Outer_Full          | 23.51 | 23.38 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Lef<br>t  | 22.82 | 22.69 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Rig<br>ht | 22.76 | 22.63 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Outer_Full          | 23.12 | 22.99 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Lef<br>t  | 20.94 | 20.81 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Rig<br>ht | 20.84 | 20.71 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Outer_Full          | 20.91 | 20.78 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Lef<br>t  | 25.64 | 25.51 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Rig<br>ht | 25.62 | 25.49 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full          | 25.05 | 24.92 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Lef<br>t  | 25.54 | 25.41 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Rig<br>ht | 25.53 | 25.4  | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Outer_Full          | 24.58 | 24.45 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Lef<br>t  | 24.77 | 24.64 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Rig<br>ht | 24.64 | 24.51 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Outer_Full          | 23.62 | 23.49 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Lef<br>t  | 22.67 | 22.54 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Rig       | 22.41 | 22.28 | 30 | PASS |



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| 3550          |    |    |             |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Outer_Full      | 23.04 | 22.91 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Left  | 20.88 | 20.75 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Right | 20.75 | 20.62 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Outer_Full      | 21.05 | 20.92 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.63 | 25.5  | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.57 | 25.44 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full      | 24.95 | 24.82 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Left  | 25.51 | 25.38 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Right | 25.51 | 25.38 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Outer_Full      | 24.44 | 24.31 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Left  | 24.49 | 24.36 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Right | 24.79 | 24.66 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Outer_Full      | 23.44 | 23.31 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Inner_1RB_Left  | 22.51 | 22.38 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Inner_1RB_Right | 22.42 | 22.29 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Outer_Full      | 22.99 | 22.86 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | Inner_1RB_Left  | 20.92 | 20.79 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | Inner_1RB_Right | 20.88 | 20.75 | 30 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-        | H | Outer_Full      | 20.81 | 20.68 | 30 | PASS |



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| 3550          |    |    | 256QAM      |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.58 | 25.45 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Inner_1RB_Right | 25.29 | 25.16 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full      | 24.89 | 24.76 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Inner_1RB_Left  | 25.62 | 25.49 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Inner_1RB_Right | 25.29 | 25.16 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Outer_Full      | 24.34 | 24.21 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Inner_1RB_Left  | 24.67 | 24.54 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Inner_1RB_Right | 24.3  | 24.17 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Outer_Full      | 23.42 | 23.29 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Inner_1RB_Left  | 22.35 | 22.22 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Inner_1RB_Right | 22.12 | 21.99 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Outer_Full      | 22.99 | 22.86 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Inner_1RB_Left  | 20.79 | 20.66 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Inner_1RB_Right | 20.6  | 20.47 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Outer_Full      | 20.9  | 20.77 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.36 | 25.23 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.12 | 24.99 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full      | 24.83 | 24.7  | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Inner_1RB_Left  | 25.32 | 25.19 | 30 | PASS |



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| 3550          |    |    |             |   | t               |       |       |    |      |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Inner_1RB_Right | 25.13 | 25    | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Outer_Full      | 24.31 | 24.18 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Inner_1RB_Left  | 24.42 | 24.29 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Inner_1RB_Right | 24.19 | 24.06 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Outer_Full      | 23.38 | 23.25 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Inner_1RB_Left  | 22.46 | 22.33 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Inner_1RB_Right | 21.94 | 21.81 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Outer_Full      | 22.86 | 22.73 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Inner_1RB_Left  | 20.66 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Inner_1RB_Right | 20.42 | 20.29 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Outer_Full      | 20.88 | 20.75 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.37 | 25.24 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.1  | 24.97 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full      | 24.68 | 24.55 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Inner_1RB_Left  | 25.31 | 25.18 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Inner_1RB_Right | 25.06 | 24.93 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Outer_Full      | 24.1  | 23.97 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Inner_1RB_Left  | 24.42 | 24.29 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Inner_1RB_Right | 24.1  | 23.97 | 30 | PASS |



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| 3550          |    |    |             |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Outer_Full      | 23.18 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Inner_1RB_Left  | 22.15 | 22.02 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Inner_1RB_Right | 21.98 | 21.85 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Outer_Full      | 22.69 | 22.56 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Inner_1RB_Left  | 20.63 | 20.5  | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Inner_1RB_Right | 20.47 | 20.34 | 30 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Outer_Full      | 20.67 | 20.54 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.46 | 25.33 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Inner_1RB_Right | 25.16 | 25.03 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full      | 24.82 | 24.69 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Inner_1RB_Left  | 25.49 | 25.36 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Inner_1RB_Right | 25.18 | 25.05 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Outer_Full      | 24.32 | 24.19 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Inner_1RB_Left  | 24.46 | 24.33 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Inner_1RB_Right | 24.3  | 24.17 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Outer_Full      | 23.29 | 23.16 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Inner_1RB_Left  | 22.39 | 22.26 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Inner_1RB_Right | 22.06 | 21.93 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Outer_Full      | 22.83 | 22.7  | 30 | PASS |



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| 3550          |    |    |             |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Inner_1RB_Left  | 20.88 | 20.75 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Inner_1RB_Right | 20.45 | 20.32 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Outer_Full      | 20.86 | 20.73 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.42 | 25.29 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.12 | 24.99 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full      | 24.82 | 24.69 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Inner_1RB_Left  | 25.45 | 25.32 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Inner_1RB_Right | 25.17 | 25.04 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Outer_Full      | 24.32 | 24.19 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Inner_1RB_Left  | 24.36 | 24.23 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Inner_1RB_Right | 24.22 | 24.09 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Outer_Full      | 23.35 | 23.22 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Inner_1RB_Left  | 22.17 | 22.04 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Inner_1RB_Right | 22.22 | 22.09 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Outer_Full      | 22.84 | 22.71 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Inner_1RB_Left  | 20.69 | 20.56 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Inner_1RB_Right | 20.44 | 20.31 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Outer_Full      | 20.79 | 20.66 | 30 | PASS |
| N77-3450-     | 30 | 60 | DFT-        | H | Inner_1RB_Left  | 25.61 | 25.48 | 30 | PASS |



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| 3550          |    |    | PI2BPSK     |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Inner_1RB_Rig<br>ht | 25.26 | 25.13 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full          | 24.87 | 24.74 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Inner_1RB_Lef<br>t  | 25.51 | 25.38 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Inner_1RB_Rig<br>ht | 25.21 | 25.08 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Outer_Full          | 24.34 | 24.21 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Inner_1RB_Lef<br>t  | 24.5  | 24.37 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Inner_1RB_Rig<br>ht | 24.33 | 24.2  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Outer_Full          | 23.29 | 23.16 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Inner_1RB_Lef<br>t  | 22.61 | 22.48 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Inner_1RB_Rig<br>ht | 22.1  | 21.97 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Outer_Full          | 22.82 | 22.69 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Inner_1RB_Lef<br>t  | 20.83 | 20.7  | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Inner_1RB_Rig<br>ht | 20.64 | 20.51 | 30 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Outer_Full          | 20.82 | 20.69 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | Inner_1RB_Lef<br>t  | 25.52 | 25.39 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | Inner_1RB_Rig<br>ht | 25.13 | 25    | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full          | 24.79 | 24.66 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | Inner_1RB_Lef<br>t  | 25.44 | 25.31 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | Inner_1RB_Rig       | 25.09 | 24.96 | 30 | PASS |



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| 3550          |    |    |             |   | ht                  |       |       |    |      |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | Outer_Full          | 24.31 | 24.18 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | Inner_1RB_Lef<br>t  | 24.57 | 24.44 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | Inner_1RB_Rig<br>ht | 24.1  | 23.97 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | Outer_Full          | 23.23 | 23.1  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | Inner_1RB_Lef<br>t  | 22.45 | 22.32 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | Inner_1RB_Rig<br>ht | 22.15 | 22.02 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | Outer_Full          | 22.86 | 22.73 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | Inner_1RB_Lef<br>t  | 20.85 | 20.72 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | Inner_1RB_Rig<br>ht | 20.44 | 20.31 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | Outer_Full          | 20.87 | 20.74 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | Inner_1RB_Lef<br>t  | 25.33 | 25.2  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | Inner_1RB_Rig<br>ht | 24.86 | 24.73 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full          | 24.7  | 24.57 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | Inner_1RB_Lef<br>t  | 25.28 | 25.15 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | Inner_1RB_Rig<br>ht | 24.89 | 24.76 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | Outer_Full          | 24.09 | 23.96 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | Inner_1RB_Lef<br>t  | 24.27 | 24.14 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | Inner_1RB_Rig<br>ht | 23.91 | 23.78 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | Outer_Full          | 23.06 | 22.93 | 30 | PASS |



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| 3550          |    |    |             |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | Inner_1RB_Left  | 22.11 | 21.98 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | Inner_1RB_Right | 21.8  | 21.67 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | Outer_Full      | 22.7  | 22.57 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | Inner_1RB_Left  | 20.64 | 20.51 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | Inner_1RB_Right | 20.28 | 20.15 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | Outer_Full      | 20.65 | 20.52 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.29 | 25.16 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.08 | 24.95 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full      | 24.71 | 24.58 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | Inner_1RB_Left  | 25.23 | 25.1  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | Inner_1RB_Right | 25.03 | 24.9  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | Outer_Full      | 24.03 | 23.9  | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | Inner_1RB_Left  | 24.22 | 24.09 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | Inner_1RB_Right | 24.05 | 23.92 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | Outer_Full      | 23.22 | 23.09 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | Inner_1RB_Left  | 22.35 | 22.22 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | Inner_1RB_Right | 22.13 | 22    | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | Outer_Full      | 22.64 | 22.51 | 30 | PASS |
| N77-3450-     | 30 | 70 | DFT-        | H | Inner_1RB_Left  | 20.62 | 20.49 | 30 | PASS |



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| 3550          |    |    | 256QAM      |   | t                |       |       |    |      |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | H | Inner_1RB_Rig ht | 20.39 | 20.26 | 30 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | H | Outer_Full       | 20.6  | 20.47 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Inner_1RB_Lef t  | 25.6  | 25.47 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Inner_1RB_Rig ht | 25.08 | 24.95 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full       | 24.83 | 24.7  | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Inner_1RB_Lef t  | 25.47 | 25.34 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Inner_1RB_Rig ht | 25.07 | 24.94 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Outer_Full       | 24.17 | 24.04 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Inner_1RB_Lef t  | 24.54 | 24.41 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Inner_1RB_Rig ht | 24.13 | 24    | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Outer_Full       | 23.22 | 23.09 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Inner_1RB_Lef t  | 22.54 | 22.41 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Inner_1RB_Rig ht | 22.12 | 21.99 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Outer_Full       | 22.78 | 22.65 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Inner_1RB_Lef t  | 20.77 | 20.64 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Inner_1RB_Rig ht | 20.29 | 20.16 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Outer_Full       | 20.79 | 20.66 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Inner_1RB_Lef t  | 25.38 | 25.25 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-        | M | Inner_1RB_Rig    | 24.96 | 24.83 | 30 | PASS |



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| 3550          |    |    | PI2BPSK     |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full      | 24.75 | 24.62 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Inner_1RB_Left  | 25.39 | 25.26 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Inner_1RB_Right | 24.94 | 24.81 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Outer_Full      | 24.1  | 23.97 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | Inner_1RB_Left  | 24.44 | 24.31 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | Inner_1RB_Right | 23.99 | 23.86 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | Outer_Full      | 23.08 | 22.95 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | Inner_1RB_Left  | 22.18 | 22.05 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | Inner_1RB_Right | 22.09 | 21.96 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | Outer_Full      | 22.6  | 22.47 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | Inner_1RB_Left  | 20.71 | 20.58 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | Inner_1RB_Right | 20.26 | 20.13 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | Outer_Full      | 20.58 | 20.45 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.32 | 25.19 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | Inner_1RB_Right | 25.22 | 25.09 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | Outer_Full      | 24.66 | 24.53 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | Inner_1RB_Left  | 25.2  | 25.07 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | Inner_1RB_Right | 25.14 | 25.01 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | Outer_Full      | 24.06 | 23.93 | 30 | PASS |



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| 3550          |    |    |             |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | Inner_1RB_Left  | 24.32 | 24.19 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | Inner_1RB_Right | 24.14 | 24.01 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | Outer_Full      | 23.08 | 22.95 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | Inner_1RB_Left  | 22.23 | 22.1  | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | Inner_1RB_Right | 22.26 | 22.13 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | Outer_Full      | 22.63 | 22.5  | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | Inner_1RB_Left  | 20.55 | 20.42 | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | Inner_1RB_Right | 20.43 | 20.3  | 30 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | Outer_Full      | 20.75 | 20.62 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.53 | 25.4  | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | Inner_1RB_Right | 25.18 | 25.05 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | Outer_Full      | 24.66 | 24.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | Inner_1RB_Left  | 25.5  | 25.37 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | Inner_1RB_Right | 25.04 | 24.91 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | Outer_Full      | 24.24 | 24.11 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | Inner_1RB_Left  | 24.46 | 24.33 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | Inner_1RB_Right | 24.25 | 24.12 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | Outer_Full      | 23.22 | 23.09 | 30 | PASS |
| N77-3450-     | 30 | 90 | DFT-64QAM   | L | Inner_1RB_Left  | 22.5  | 22.37 | 30 | PASS |



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|---------------|----|----|-------------|---|---------------------|-------|-------|----|------|
| 3550          |    |    |             |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | L | Inner_1RB_Rig<br>ht | 21.95 | 21.82 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | L | Outer_Full          | 22.79 | 22.66 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | Inner_1RB_Lef<br>t  | 20.63 | 20.5  | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | Inner_1RB_Rig<br>ht | 20.36 | 20.23 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | Outer_Full          | 20.66 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | Inner_1RB_Lef<br>t  | 25.5  | 25.37 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | Inner_1RB_Rig<br>ht | 25.07 | 24.94 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | Outer_Full          | 24.74 | 24.61 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | M | Inner_1RB_Lef<br>t  | 25.43 | 25.3  | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | M | Inner_1RB_Rig<br>ht | 25.08 | 24.95 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | M | Outer_Full          | 24.22 | 24.09 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | M | Inner_1RB_Lef<br>t  | 24.48 | 24.35 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | M | Inner_1RB_Rig<br>ht | 24.29 | 24.16 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | M | Outer_Full          | 23.18 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | M | Inner_1RB_Lef<br>t  | 22.33 | 22.2  | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | M | Inner_1RB_Rig<br>ht | 21.94 | 21.81 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | M | Outer_Full          | 22.72 | 22.59 | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | M | Inner_1RB_Lef<br>t  | 20.63 | 20.5  | 30 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-        | M | Inner_1RB_Rig       | 20.34 | 20.21 | 30 | PASS |



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| 3550          |    |     | 256QAM      |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | M | Outer_Full      | 20.76 | 20.63 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | Inner_1RB_Left  | 25.44 | 25.31 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | Inner_1RB_Right | 25.21 | 25.08 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-PI2BPSK | H | Outer_Full      | 24.73 | 24.6  | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | Inner_1RB_Left  | 25.35 | 25.22 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | Inner_1RB_Right | 25.09 | 24.96 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-QPSK    | H | Outer_Full      | 24.08 | 23.95 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | Inner_1RB_Left  | 24.34 | 24.21 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | Inner_1RB_Right | 24.32 | 24.19 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-16QAM   | H | Outer_Full      | 23.28 | 23.15 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | Inner_1RB_Left  | 22.36 | 22.23 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | Inner_1RB_Right | 22.21 | 22.08 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-64QAM   | H | Outer_Full      | 22.73 | 22.6  | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | Inner_1RB_Left  | 20.6  | 20.47 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | Inner_1RB_Right | 20.47 | 20.34 | 30 | PASS |
| N77-3450-3550 | 30 | 90  | DFT-256QAM  | H | Outer_Full      | 20.7  | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | L | Inner_1RB_Left  | 25.89 | 25.76 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | L | Inner_1RB_Right | 25.46 | 25.33 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-        | L | Outer_Full      | 24.71 | 24.58 | 30 | PASS |



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| 3550          |    |     | PI2BPSK     |   |                 |       |       |    |      |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Inner_1RB_Left  | 25.37 | 25.24 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Inner_1RB_Right | 25.18 | 25.05 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Outer_Full      | 24.14 | 24.01 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Inner_1RB_Left  | 24.3  | 24.17 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Inner_1RB_Right | 24.24 | 24.11 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Outer_Full      | 23.17 | 23.04 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Inner_1RB_Left  | 22.32 | 22.19 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Inner_1RB_Right | 22.13 | 22    | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Outer_Full      | 22.7  | 22.57 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Inner_1RB_Left  | 20.62 | 20.49 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Inner_1RB_Right | 20.41 | 20.28 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Outer_Full      | 20.7  | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Inner_1RB_Left  | 25.32 | 25.19 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Inner_1RB_Right | 25.22 | 25.09 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full      | 24.67 | 24.54 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Inner_1RB_Left  | 25.41 | 25.28 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Inner_1RB_Right | 25.14 | 25.01 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Outer_Full      | 24.2  | 24.07 | 30 | PASS |
| N77-3450-     | 30 | 100 | DFT-16QAM   | M | Inner_1RB_Left  | 24.41 | 24.28 | 30 | PASS |



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|---------------|----|-----|-------------|---|---------------------|-------|-------|----|------|
| 3550          |    |     |             |   | t                   |       |       |    |      |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | Inner_1RB_Rig<br>ht | 24.3  | 24.17 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | Outer_Full          | 23.18 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Inner_1RB_Lef<br>t  | 22.36 | 22.23 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Inner_1RB_Rig<br>ht | 22.05 | 21.92 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Outer_Full          | 22.67 | 22.54 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Inner_1RB_Lef<br>t  | 20.66 | 20.53 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Inner_1RB_Rig<br>ht | 20.46 | 20.33 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Outer_Full          | 20.71 | 20.58 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Inner_1RB_Lef<br>t  | 25.38 | 25.25 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Inner_1RB_Rig<br>ht | 25.21 | 25.08 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full          | 24.71 | 24.58 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Inner_1RB_Lef<br>t  | 26.01 | 25.88 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Inner_1RB_Rig<br>ht | 25.89 | 25.76 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Outer_Full          | 24.16 | 24.03 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | H | Inner_1RB_Lef<br>t  | 24.38 | 24.25 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | H | Inner_1RB_Rig<br>ht | 24.27 | 24.14 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | H | Outer_Full          | 23.18 | 23.05 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | H | Inner_1RB_Lef<br>t  | 22.32 | 22.19 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | H | Inner_1RB_Rig       | 22.05 | 21.92 | 30 | PASS |



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| 3550          |    |     |            |   | ht              |       |       |    |      |
| N77-3450-3550 | 30 | 100 | DFT-64QAM  | H | Outer_Full      | 22.75 | 22.62 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM | H | Inner_1RB_Left  | 20.7  | 20.57 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM | H | Inner_1RB_Right | 20.51 | 20.38 | 30 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM | H | Outer_Full      | 20.59 | 20.46 | 30 | PASS |



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## Peak-to-Average Ratio for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation | Channel | RB Config  | DutyCycle | Factor | Result | Limit | Verdict |
|---------------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N77-3450-3550 | 30  | 100       | DFT-256QAM | L       | Outer_Full | 19.56%    | 7.09   | 2.68   | ≤13   | PASS    |
| N77-3450-3550 | 30  | 100       | CP-256QAM  | L       | Outer_Full | 19.56%    | 7.09   | 3.01   | ≤13   | PASS    |
| N77-3450-3550 | 30  | 100       | DFT-256QAM | M       | Outer_Full | 19.56%    | 7.09   | 2.93   | ≤13   | PASS    |
| N77-3450-3550 | 30  | 100       | CP-256QAM  | M       | Outer_Full | 19.56%    | 7.09   | 2.91   | ≤13   | PASS    |
| N77-3450-3550 | 30  | 100       | DFT-256QAM | H       | Outer_Full | 19.56%    | 7.09   | 2.69   | ≤13   | PASS    |
| N77-3450-3550 | 30  | 100       | CP-256QAM  | H       | Outer_Full | 19.56%    | 7.09   | 3.26   | ≤13   | PASS    |



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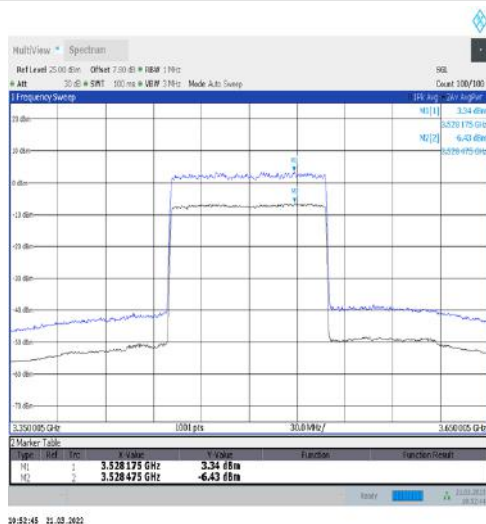
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Rev.: 01  
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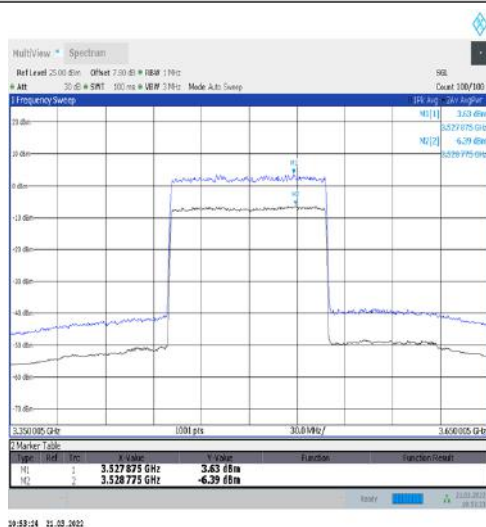
### Test Graphs



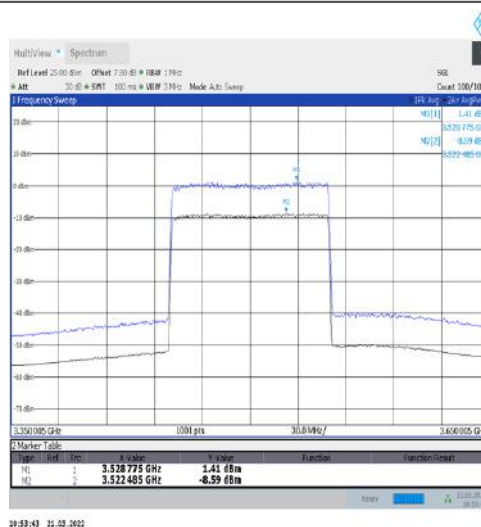
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1-N77-3450-3550-30-100-L-2-CP-256QAM-Outer\_Full-273@0-Ant1-10.10-19.56%-7.09-3.01-PASS-≤13



1-N77-3450-3550-30-100-M-1-DFT-256QAM-Outer\_Full-270@0-Ant1-10.02-19.56%-7.09-2.93-PASS-≤13



1-N77-3450-3550-30-100-M-2-CP-256QAM-Outer\_Full-273@0-Ant1-10.00-19.56%-7.09-2.91-PASS-≤13



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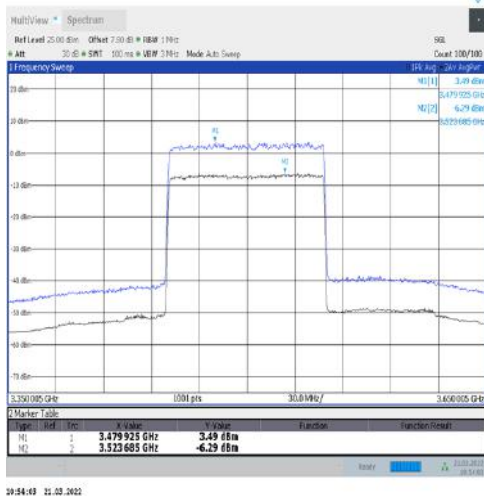
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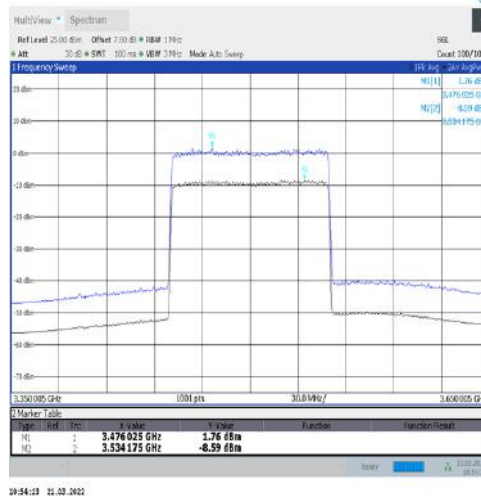
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1-N77-3450-3550-30-100-H-1-DFT-256QAM-  
Outer\_Full-270@0-Ant1-9.78-19.56%-7.09-2.69-  
PASS-≤13



1-N77-3450-3550-30-100-H-2-CP-256QAM-  
Outer\_Full-273@0-Ant1-10.35-19.56%-7.09-3.26-  
PASS-≤13



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## Modulation characteristics for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result    | Verdict |
|---------------|-----|-----------|-------------|---------|------------|-----------|---------|
| N77-3450-3550 | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | DFT-QPSK    | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | DFT-16QAM   | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | DFT-64QAM   | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | DFT-256QAM  | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | CP-QPSK     | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | CP-16QAM    | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | CP-64QAM    | M       | Outer_Full | see graph | PASS    |
| N77-3450-3550 | 30  | 100       | CP-256QAM   | M       | Outer_Full | see graph | PASS    |



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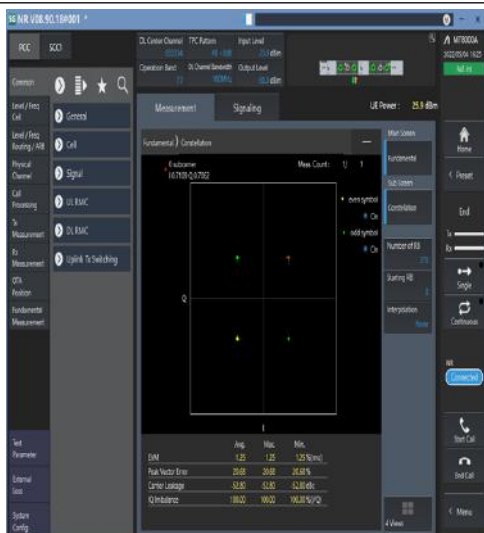
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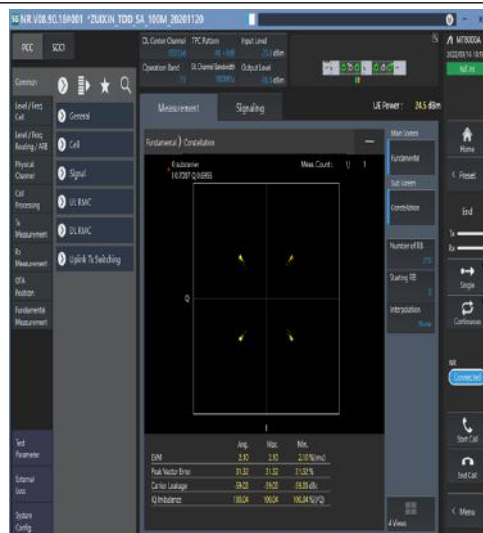
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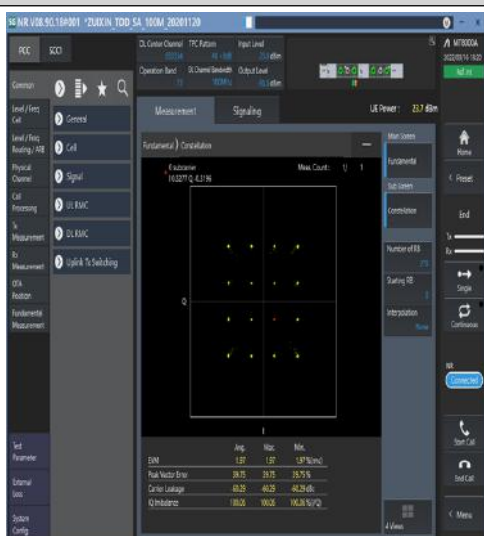
### Test Graphs



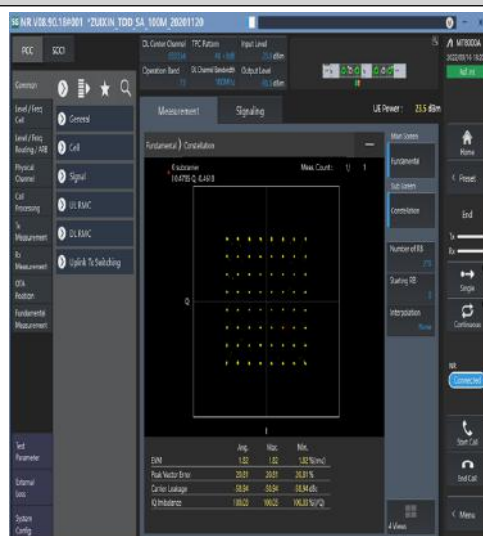
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1-N77-3450-3550-30-100-M-2-DFT-QPSK-Outer\_Full-270@0-Ant1-see graph-PASS



1-N77-3450-3550-30-100-M-3-DFT-16QAM-Outer\_Full-270@0-Ant1-see graph-PASS



1-N77-3450-3550-30-100-M-4-DFT-64QAM-Outer\_Full-270@0-Ant1-see graph-PASS



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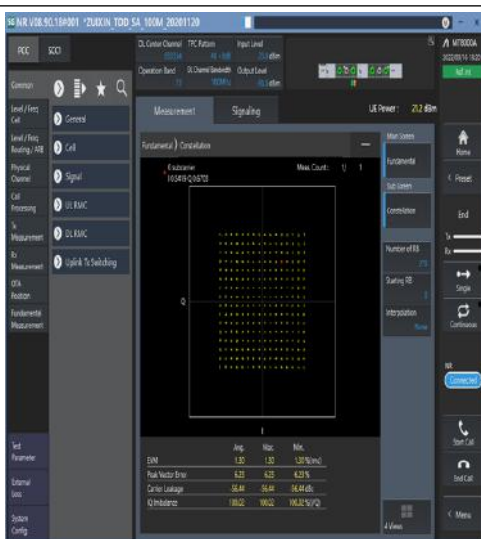
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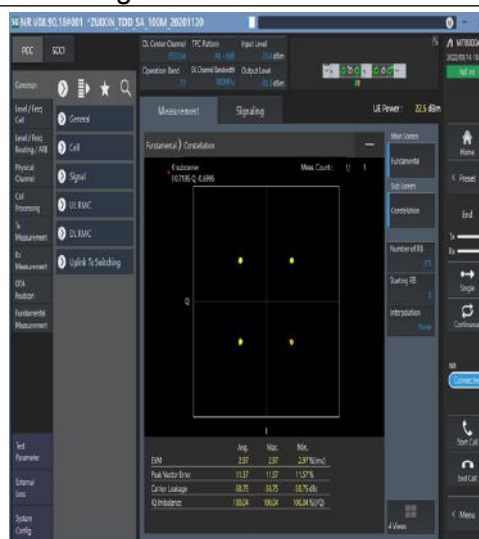
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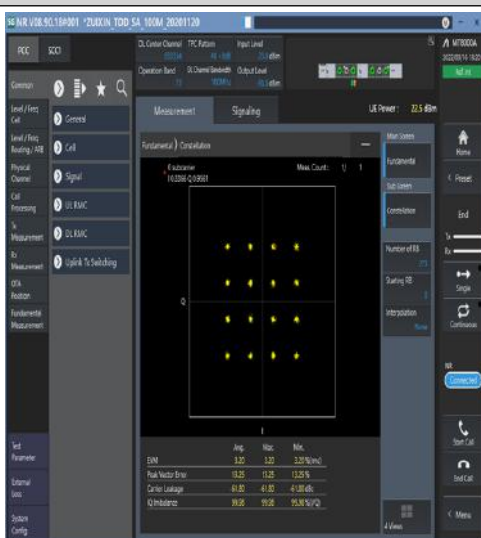
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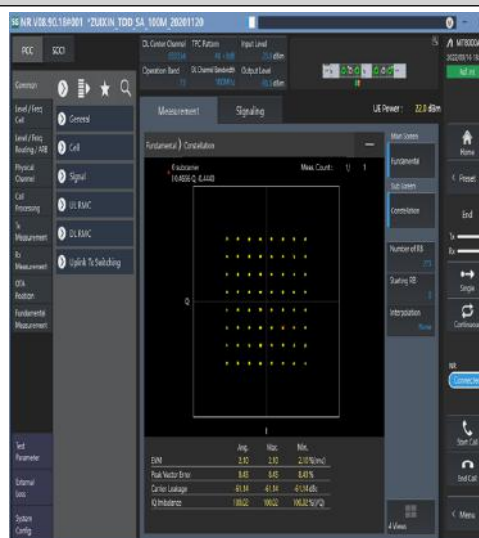
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1-N77-3450-3550-30-100-M-6-CP-QPSK-Outer\_Full-273@0-Ant1-see graph-PASS



1-N77-3450-3550-30-100-M-7-CP-16QAM-Outer\_Full-273@0-Ant1-see graph-PASS

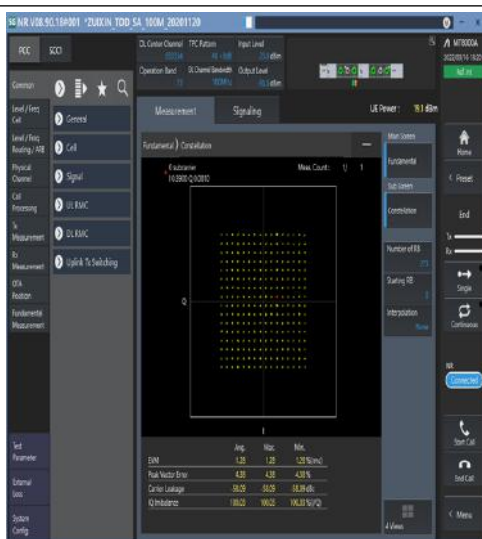


1-N77-3450-3550-30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-see graph-PASS

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1-N77-3450-3550-30-100-M-9-CP-256QAM-  
Outer\_Full-273@0-Ant1-see graph-PASS



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**26dB Bandwidth and Occupied Bandwidth for SA****Test Result**

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|---------------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | L       | Outer_Full | 8.603        | 9.880         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.596        | 9.760         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | L       | Outer_Full | 8.615        | 9.760         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | L       | Outer_Full | 8.606        | 9.840         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | L       | Outer_Full | 8.575        | 9.760         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-QPSK     | L       | Outer_Full | 8.609        | 9.940         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-16QAM    | L       | Outer_Full | 8.586        | 9.720         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-64QAM    | L       | Outer_Full | 8.613        | 9.960         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-256QAM   | L       | Outer_Full | 8.608        | 9.960         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | M       | Outer_Full | 8.593        | 9.620         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full | 8.575        | 9.520         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | M       | Outer_Full | 8.611        | 9.960         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | M       | Outer_Full | 8.579        | 9.720         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | M       | Outer_Full | 8.58         | 9.560         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-QPSK     | M       | Outer_Full | 8.603        | 9.780         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-16QAM    | M       | Outer_Full | 8.615        | 10.100        | PASS    |
| N77-3450-3550 | 30  | 10        | CP-64QAM    | M       | Outer_Full | 8.625        | 9.920         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-256QAM   | M       | Outer_Full | 8.569        | 9.600         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-QPSK    | H       | Outer_Full | 8.589        | 9.520         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-PI2BPSK | H       | Outer_Full | 8.594        | 9.460         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-16QAM   | H       | Outer_Full | 8.599        | 9.820         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-64QAM   | H       | Outer_Full | 8.591        | 9.840         | PASS    |
| N77-3450-3550 | 30  | 10        | DFT-256QAM  | H       | Outer_Full | 8.583        | 9.920         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-QPSK     | H       | Outer_Full | 8.609        | 9.980         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-16QAM    | H       | Outer_Full | 8.585        | 9.740         | PASS    |
| N77-3450-3550 | 30  | 10        | CP-64QAM    | H       | Outer_Full | 8.62         | 10.020        | PASS    |
| N77-3450-3550 | 30  | 10        | CP-256QAM   | H       | Outer_Full | 8.6          | 9.900         | PASS    |
| N77-3450-3550 | 30  | 15        | DFT-QPSK    | L       | Outer_Full | 12.922       | 14.520        | PASS    |
| N77-3450-3550 | 30  | 15        | DFT-        | L       | Outer_Full | 12.929       | 14.460        | PASS    |



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|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
|               |    |    | PI2BPSK     |   |            |        |        |      |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | L | Outer_Full | 12.903 | 14.460 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | L | Outer_Full | 12.9   | 14.310 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | L | Outer_Full | 12.876 | 14.370 | PASS |
| N77-3450-3550 | 30 | 15 | CP-QPSK     | L | Outer_Full | 13.573 | 15.090 | PASS |
| N77-3450-3550 | 30 | 15 | CP-16QAM    | L | Outer_Full | 13.596 | 15.150 | PASS |
| N77-3450-3550 | 30 | 15 | CP-64QAM    | L | Outer_Full | 13.641 | 15.270 | PASS |
| N77-3450-3550 | 30 | 15 | CP-256QAM   | L | Outer_Full | 13.591 | 15.180 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | M | Outer_Full | 12.926 | 14.610 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full | 12.922 | 14.340 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | M | Outer_Full | 12.901 | 14.460 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | M | Outer_Full | 12.906 | 14.490 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | M | Outer_Full | 12.873 | 14.310 | PASS |
| N77-3450-3550 | 30 | 15 | CP-QPSK     | M | Outer_Full | 13.582 | 15.060 | PASS |
| N77-3450-3550 | 30 | 15 | CP-16QAM    | M | Outer_Full | 13.611 | 15.330 | PASS |
| N77-3450-3550 | 30 | 15 | CP-64QAM    | M | Outer_Full | 13.651 | 15.240 | PASS |
| N77-3450-3550 | 30 | 15 | CP-256QAM   | M | Outer_Full | 13.587 | 15.420 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK    | H | Outer_Full | 12.932 | 14.640 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full | 12.937 | 14.520 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM   | H | Outer_Full | 12.922 | 14.490 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM   | H | Outer_Full | 12.903 | 14.550 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-256QAM  | H | Outer_Full | 12.854 | 14.250 | PASS |
| N77-3450-3550 | 30 | 15 | CP-QPSK     | H | Outer_Full | 13.568 | 15.150 | PASS |
| N77-3450-3550 | 30 | 15 | CP-16QAM    | H | Outer_Full | 13.59  | 15.240 | PASS |
| N77-3450-3550 | 30 | 15 | CP-64QAM    | H | Outer_Full | 13.643 | 15.240 | PASS |
| N77-3450-3550 | 30 | 15 | CP-256QAM   | H | Outer_Full | 13.628 | 15.330 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | L | Outer_Full | 17.864 | 19.400 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.855 | 19.400 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | L | Outer_Full | 17.926 | 19.560 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | L | Outer_Full | 17.873 | 19.520 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | L | Outer_Full | 17.836 | 19.240 | PASS |
| N77-3450-3550 | 30 | 20 | CP-QPSK     | L | Outer_Full | 18.17  | 19.760 | PASS |
| N77-3450-3550 | 30 | 20 | CP-16QAM    | L | Outer_Full | 18.212 | 20.040 | PASS |
| N77-3450-3550 | 30 | 20 | CP-64QAM    | L | Outer_Full | 18.206 | 19.960 | PASS |
| N77-3450-3550 | 30 | 20 | CP-256QAM   | L | Outer_Full | 18.242 | 19.960 | PASS |



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| N77-3450-3550 | 30 | 20 | DFT-QPSK    | M | Outer_Full | 17.866 | 19.440 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.876 | 19.600 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | M | Outer_Full | 17.898 | 19.400 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | M | Outer_Full | 17.88  | 19.480 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | M | Outer_Full | 17.855 | 19.480 | PASS |
| N77-3450-3550 | 30 | 20 | CP-QPSK     | M | Outer_Full | 18.198 | 20.040 | PASS |
| N77-3450-3550 | 30 | 20 | CP-16QAM    | M | Outer_Full | 18.207 | 19.920 | PASS |
| N77-3450-3550 | 30 | 20 | CP-64QAM    | M | Outer_Full | 18.203 | 20.080 | PASS |
| N77-3450-3550 | 30 | 20 | CP-256QAM   | M | Outer_Full | 18.245 | 19.880 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK    | H | Outer_Full | 17.881 | 19.440 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.864 | 19.400 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM   | H | Outer_Full | 17.924 | 19.440 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM   | H | Outer_Full | 17.877 | 19.440 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-256QAM  | H | Outer_Full | 17.86  | 19.560 | PASS |
| N77-3450-3550 | 30 | 20 | CP-QPSK     | H | Outer_Full | 18.207 | 19.840 | PASS |
| N77-3450-3550 | 30 | 20 | CP-16QAM    | H | Outer_Full | 18.207 | 19.920 | PASS |
| N77-3450-3550 | 30 | 20 | CP-64QAM    | H | Outer_Full | 18.197 | 19.920 | PASS |
| N77-3450-3550 | 30 | 20 | CP-256QAM   | H | Outer_Full | 18.212 | 19.680 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | L | Outer_Full | 26.806 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full | 26.817 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | L | Outer_Full | 26.831 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | L | Outer_Full | 26.799 | 28.740 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | L | Outer_Full | 26.821 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | CP-QPSK     | L | Outer_Full | 27.836 | 30.000 | PASS |
| N77-3450-3550 | 30 | 30 | CP-16QAM    | L | Outer_Full | 27.86  | 29.820 | PASS |
| N77-3450-3550 | 30 | 30 | CP-64QAM    | L | Outer_Full | 27.836 | 29.760 | PASS |
| N77-3450-3550 | 30 | 30 | CP-256QAM   | L | Outer_Full | 27.843 | 29.760 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | M | Outer_Full | 26.805 | 28.740 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full | 26.827 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | M | Outer_Full | 26.831 | 28.920 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | M | Outer_Full | 26.806 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | M | Outer_Full | 26.821 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | CP-QPSK     | M | Outer_Full | 27.846 | 30.060 | PASS |
| N77-3450-3550 | 30 | 30 | CP-16QAM    | M | Outer_Full | 27.862 | 29.820 | PASS |



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| N77-3450-3550 | 30 | 30 | CP-64QAM    | M | Outer_Full | 27.851 | 29.640 | PASS |
| N77-3450-3550 | 30 | 30 | CP-256QAM   | M | Outer_Full | 27.856 | 29.880 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK    | H | Outer_Full | 26.812 | 28.740 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | Outer_Full | 26.819 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM   | H | Outer_Full | 26.854 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM   | H | Outer_Full | 26.802 | 28.740 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-256QAM  | H | Outer_Full | 26.809 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | CP-QPSK     | H | Outer_Full | 27.847 | 30.060 | PASS |
| N77-3450-3550 | 30 | 30 | CP-16QAM    | H | Outer_Full | 27.858 | 29.820 | PASS |
| N77-3450-3550 | 30 | 30 | CP-64QAM    | H | Outer_Full | 27.844 | 29.640 | PASS |
| N77-3450-3550 | 30 | 30 | CP-256QAM   | H | Outer_Full | 27.848 | 29.700 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | L | Outer_Full | 35.721 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full | 35.766 | 38.000 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | L | Outer_Full | 35.707 | 38.240 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | L | Outer_Full | 35.839 | 38.080 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | L | Outer_Full | 35.698 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | CP-QPSK     | L | Outer_Full | 37.867 | 40.320 | PASS |
| N77-3450-3550 | 30 | 40 | CP-16QAM    | L | Outer_Full | 37.836 | 40.320 | PASS |
| N77-3450-3550 | 30 | 40 | CP-64QAM    | L | Outer_Full | 37.806 | 40.320 | PASS |
| N77-3450-3550 | 30 | 40 | CP-256QAM   | L | Outer_Full | 37.83  | 40.000 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | M | Outer_Full | 35.748 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full | 35.799 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | M | Outer_Full | 35.77  | 38.320 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | M | Outer_Full | 35.886 | 38.320 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | M | Outer_Full | 35.736 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | CP-QPSK     | M | Outer_Full | 37.921 | 40.240 | PASS |
| N77-3450-3550 | 30 | 40 | CP-16QAM    | M | Outer_Full | 37.851 | 40.240 | PASS |
| N77-3450-3550 | 30 | 40 | CP-64QAM    | M | Outer_Full | 37.874 | 40.320 | PASS |
| N77-3450-3550 | 30 | 40 | CP-256QAM   | M | Outer_Full | 37.879 | 40.480 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK    | H | Outer_Full | 35.725 | 38.240 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full | 35.742 | 37.920 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM   | H | Outer_Full | 35.693 | 38.000 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM   | H | Outer_Full | 35.845 | 37.920 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-256QAM  | H | Outer_Full | 35.685 | 37.920 | PASS |



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| N77-3450-3550 | 30 | 40 | CP-QPSK     | H | Outer_Full | 37.873 | 40.160 | PASS |
| N77-3450-3550 | 30 | 40 | CP-16QAM    | H | Outer_Full | 37.827 | 40.240 | PASS |
| N77-3450-3550 | 30 | 40 | CP-64QAM    | H | Outer_Full | 37.834 | 40.400 | PASS |
| N77-3450-3550 | 30 | 40 | CP-256QAM   | H | Outer_Full | 37.864 | 40.240 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | L | Outer_Full | 45.708 | 48.200 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full | 45.643 | 48.000 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | L | Outer_Full | 45.651 | 48.000 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | L | Outer_Full | 45.662 | 48.200 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | L | Outer_Full | 45.669 | 48.100 | PASS |
| N77-3450-3550 | 30 | 50 | CP-QPSK     | L | Outer_Full | 47.388 | 50.200 | PASS |
| N77-3450-3550 | 30 | 50 | CP-16QAM    | L | Outer_Full | 47.398 | 49.900 | PASS |
| N77-3450-3550 | 30 | 50 | CP-64QAM    | L | Outer_Full | 47.392 | 50.000 | PASS |
| N77-3450-3550 | 30 | 50 | CP-256QAM   | L | Outer_Full | 47.345 | 49.900 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | M | Outer_Full | 45.788 | 48.200 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full | 45.716 | 48.100 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | M | Outer_Full | 45.689 | 48.000 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | M | Outer_Full | 45.735 | 48.300 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | M | Outer_Full | 45.729 | 48.200 | PASS |
| N77-3450-3550 | 30 | 50 | CP-QPSK     | M | Outer_Full | 47.408 | 50.000 | PASS |
| N77-3450-3550 | 30 | 50 | CP-16QAM    | M | Outer_Full | 47.429 | 50.100 | PASS |
| N77-3450-3550 | 30 | 50 | CP-64QAM    | M | Outer_Full | 47.454 | 50.200 | PASS |
| N77-3450-3550 | 30 | 50 | CP-256QAM   | M | Outer_Full | 47.375 | 49.900 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK    | H | Outer_Full | 45.763 | 48.100 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full | 45.698 | 48.100 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM   | H | Outer_Full | 45.681 | 48.100 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM   | H | Outer_Full | 45.694 | 48.300 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-256QAM  | H | Outer_Full | 45.676 | 48.000 | PASS |
| N77-3450-3550 | 30 | 50 | CP-QPSK     | H | Outer_Full | 47.381 | 50.000 | PASS |
| N77-3450-3550 | 30 | 50 | CP-16QAM    | H | Outer_Full | 47.379 | 49.700 | PASS |
| N77-3450-3550 | 30 | 50 | CP-64QAM    | H | Outer_Full | 47.423 | 50.200 | PASS |
| N77-3450-3550 | 30 | 50 | CP-256QAM   | H | Outer_Full | 47.315 | 49.800 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | L | Outer_Full | 57.807 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full | 57.846 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | L | Outer_Full | 57.936 | 60.360 | PASS |



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| N77-3450-3550 | 30 | 60 | DFT-64QAM   | L | Outer_Full | 57.93  | 60.600 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | L | Outer_Full | 57.94  | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-QPSK     | L | Outer_Full | 57.745 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-16QAM    | L | Outer_Full | 57.808 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-64QAM    | L | Outer_Full | 57.747 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | CP-256QAM   | L | Outer_Full | 57.736 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | M | Outer_Full | 57.864 | 60.360 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full | 57.912 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | M | Outer_Full | 57.949 | 60.360 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | M | Outer_Full | 57.967 | 60.600 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | M | Outer_Full | 57.975 | 60.600 | PASS |
| N77-3450-3550 | 30 | 60 | CP-QPSK     | M | Outer_Full | 57.794 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-16QAM    | M | Outer_Full | 57.877 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-64QAM    | M | Outer_Full | 57.785 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-256QAM   | M | Outer_Full | 57.795 | 60.120 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK    | H | Outer_Full | 57.863 | 60.360 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full | 57.852 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM   | H | Outer_Full | 57.949 | 60.360 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM   | H | Outer_Full | 57.93  | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-256QAM  | H | Outer_Full | 57.954 | 60.480 | PASS |
| N77-3450-3550 | 30 | 60 | CP-QPSK     | H | Outer_Full | 57.818 | 60.360 | PASS |
| N77-3450-3550 | 30 | 60 | CP-16QAM    | H | Outer_Full | 57.867 | 60.360 | PASS |
| N77-3450-3550 | 30 | 60 | CP-64QAM    | H | Outer_Full | 57.772 | 60.600 | PASS |
| N77-3450-3550 | 30 | 60 | CP-256QAM   | H | Outer_Full | 57.775 | 60.360 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | L | Outer_Full | 64.306 | 66.780 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full | 64.148 | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | L | Outer_Full | 64.168 | 66.920 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | L | Outer_Full | 64.278 | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | L | Outer_Full | 64.281 | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | CP-QPSK     | L | Outer_Full | 67.546 | 70.280 | PASS |
| N77-3450-3550 | 30 | 70 | CP-16QAM    | L | Outer_Full | 67.437 | 70.280 | PASS |
| N77-3450-3550 | 30 | 70 | CP-64QAM    | L | Outer_Full | 67.318 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-256QAM   | L | Outer_Full | 67.483 | 70.280 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | M | Outer_Full | 64.298 | 66.780 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-        | M | Outer_Full | 64.221 | 67.060 | PASS |



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|               |    |    | PI2BPSK     |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | M | Outer_Full | 64.204 | 66.920 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | M | Outer_Full | 64.32  | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | M | Outer_Full | 64.329 | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | CP-QPSK     | M | Outer_Full | 67.561 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-16QAM    | M | Outer_Full | 67.475 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-64QAM    | M | Outer_Full | 67.338 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-256QAM   | M | Outer_Full | 67.504 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK    | H | Outer_Full | 64.287 | 66.920 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full | 64.232 | 66.920 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM   | H | Outer_Full | 64.203 | 66.920 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM   | H | Outer_Full | 64.299 | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-256QAM  | H | Outer_Full | 64.319 | 66.920 | PASS |
| N77-3450-3550 | 30 | 70 | CP-QPSK     | H | Outer_Full | 67.599 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-16QAM    | H | Outer_Full | 67.467 | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-64QAM    | H | Outer_Full | 67.33  | 70.140 | PASS |
| N77-3450-3550 | 30 | 70 | CP-256QAM   | H | Outer_Full | 67.505 | 70.000 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | L | Outer_Full | 77.215 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full | 77.173 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | L | Outer_Full | 77.217 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | L | Outer_Full | 77.129 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | L | Outer_Full | 77.154 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | CP-QPSK     | L | Outer_Full | 77.639 | 81.120 | PASS |
| N77-3450-3550 | 30 | 80 | CP-16QAM    | L | Outer_Full | 77.64  | 81.440 | PASS |
| N77-3450-3550 | 30 | 80 | CP-64QAM    | L | Outer_Full | 77.362 | 81.120 | PASS |
| N77-3450-3550 | 30 | 80 | CP-256QAM   | L | Outer_Full | 77.464 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | M | Outer_Full | 77.231 | 80.480 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full | 77.232 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | M | Outer_Full | 77.254 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | M | Outer_Full | 77.155 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | M | Outer_Full | 77.197 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | CP-QPSK     | M | Outer_Full | 77.676 | 81.120 | PASS |
| N77-3450-3550 | 30 | 80 | CP-16QAM    | M | Outer_Full | 77.638 | 81.280 | PASS |
| N77-3450-3550 | 30 | 80 | CP-64QAM    | M | Outer_Full | 77.391 | 81.120 | PASS |
| N77-3450-3550 | 30 | 80 | CP-256QAM   | M | Outer_Full | 77.473 | 81.120 | PASS |



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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3450-3550 | 30 | 80 | DFT-QPSK    | H | Outer_Full | 77.267 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | Outer_Full | 77.244 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM   | H | Outer_Full | 77.269 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM   | H | Outer_Full | 77.149 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-256QAM  | H | Outer_Full | 77.19  | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | CP-QPSK     | H | Outer_Full | 77.561 | 81.120 | PASS |
| N77-3450-3550 | 30 | 80 | CP-16QAM    | H | Outer_Full | 77.653 | 81.280 | PASS |
| N77-3450-3550 | 30 | 80 | CP-64QAM    | H | Outer_Full | 77.428 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | CP-256QAM   | H | Outer_Full | 77.479 | 81.120 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | L | Outer_Full | 85.544 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | L | Outer_Full | 85.649 | 89.280 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | L | Outer_Full | 85.608 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | L | Outer_Full | 85.731 | 89.640 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | L | Outer_Full | 85.536 | 89.280 | PASS |
| N77-3450-3550 | 30 | 90 | CP-QPSK     | L | Outer_Full | 87.371 | 91.080 | PASS |
| N77-3450-3550 | 30 | 90 | CP-16QAM    | L | Outer_Full | 87.331 | 91.260 | PASS |
| N77-3450-3550 | 30 | 90 | CP-64QAM    | L | Outer_Full | 87.395 | 91.260 | PASS |
| N77-3450-3550 | 30 | 90 | CP-256QAM   | L | Outer_Full | 87.335 | 91.080 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | M | Outer_Full | 85.544 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | Outer_Full | 85.651 | 89.280 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | M | Outer_Full | 85.636 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | M | Outer_Full | 85.731 | 89.280 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | M | Outer_Full | 85.581 | 89.280 | PASS |
| N77-3450-3550 | 30 | 90 | CP-QPSK     | M | Outer_Full | 87.394 | 91.260 | PASS |
| N77-3450-3550 | 30 | 90 | CP-16QAM    | M | Outer_Full | 87.348 | 91.260 | PASS |
| N77-3450-3550 | 30 | 90 | CP-64QAM    | M | Outer_Full | 87.428 | 91.080 | PASS |
| N77-3450-3550 | 30 | 90 | CP-256QAM   | M | Outer_Full | 87.326 | 91.260 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK    | H | Outer_Full | 85.561 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | H | Outer_Full | 85.69  | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM   | H | Outer_Full | 85.634 | 89.280 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM   | H | Outer_Full | 85.749 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-256QAM  | H | Outer_Full | 85.569 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | CP-QPSK     | H | Outer_Full | 87.393 | 91.080 | PASS |
| N77-3450-3550 | 30 | 90 | CP-16QAM    | H | Outer_Full | 87.359 | 91.260 | PASS |



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|---------------|----|-----|-------------|---|------------|--------|---------|------|
| N77-3450-3550 | 30 | 90  | CP-64QAM    | H | Outer_Full | 87.432 | 91.080  | PASS |
| N77-3450-3550 | 30 | 90  | CP-256QAM   | H | Outer_Full | 87.266 | 91.260  | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | L | Outer_Full | 96.213 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | L | Outer_Full | 96.305 | 100.400 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | L | Outer_Full | 96.141 | 100.600 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | L | Outer_Full | 96.183 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | L | Outer_Full | 96.349 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-QPSK     | L | Outer_Full | 97.314 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-16QAM    | L | Outer_Full | 97.471 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-64QAM    | L | Outer_Full | 97.404 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-256QAM   | L | Outer_Full | 97.255 | 101.000 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | M | Outer_Full | 96.239 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full | 96.293 | 100.400 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | M | Outer_Full | 96.146 | 100.600 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | M | Outer_Full | 96.153 | 100.400 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | M | Outer_Full | 96.349 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-QPSK     | M | Outer_Full | 97.332 | 101.400 | PASS |
| N77-3450-3550 | 30 | 100 | CP-16QAM    | M | Outer_Full | 97.449 | 101.400 | PASS |
| N77-3450-3550 | 30 | 100 | CP-64QAM    | M | Outer_Full | 97.418 | 101.400 | PASS |
| N77-3450-3550 | 30 | 100 | CP-256QAM   | M | Outer_Full | 97.337 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK    | H | Outer_Full | 96.176 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full | 96.297 | 100.600 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM   | H | Outer_Full | 96.174 | 100.400 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM   | H | Outer_Full | 96.193 | 100.400 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-256QAM  | H | Outer_Full | 96.367 | 100.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-QPSK     | H | Outer_Full | 97.333 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-16QAM    | H | Outer_Full | 97.454 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | CP-64QAM    | H | Outer_Full | 97.419 | 101.400 | PASS |
| N77-3450-3550 | 30 | 100 | CP-256QAM   | H | Outer_Full | 97.296 | 101.200 | PASS |



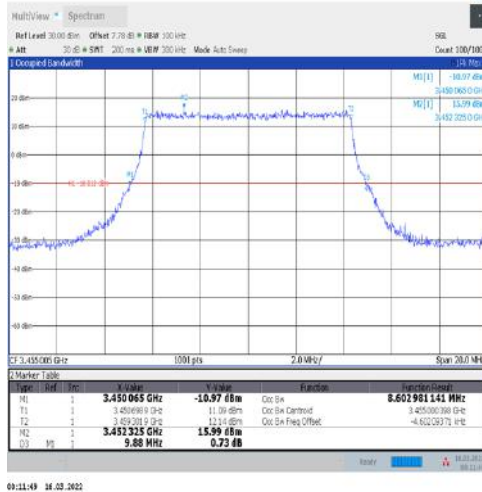
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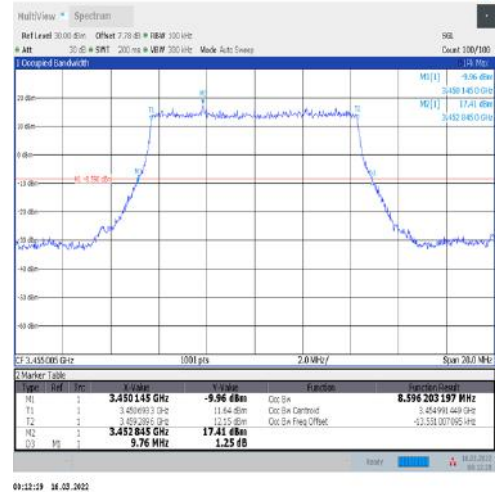
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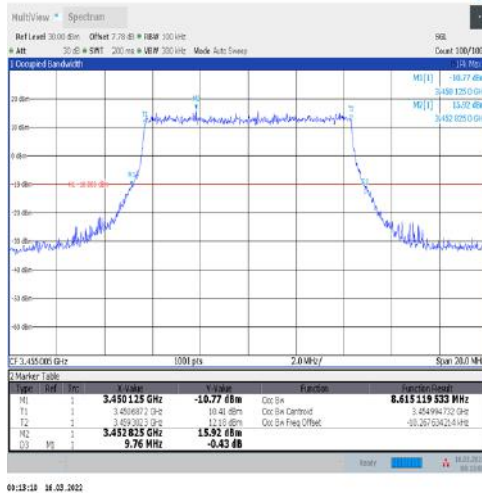
### Test Graphs



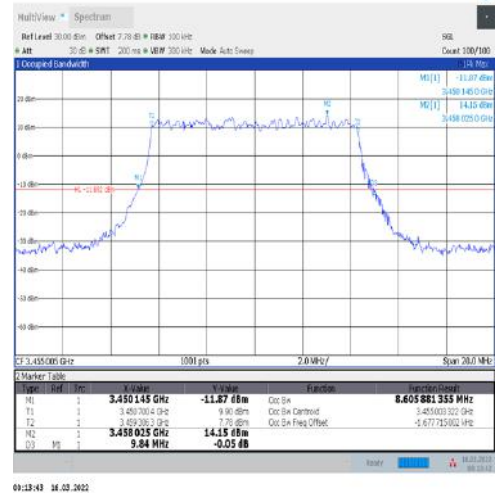
1-N77-3450-3550-30-10-L-1-DFT-QPSK-Outer\_Full-24@0-Ant1-8.603-9.880-≤10-PASS



1-N77-3450-3550-30-10-L-2-DFT-PI2BPSK-Outer\_Full-24@0-Ant1-8.596-9.760-≤10-PASS



1-N77-3450-3550-30-10-L-3-DFT-16QAM-Outer\_Full-24@0-Ant1-8.615-9.760-≤10-PASS



1-N77-3450-3550-30-10-L-4-DFT-64QAM-Outer\_Full-24@0-Ant1-8.606-9.840-≤10-PASS



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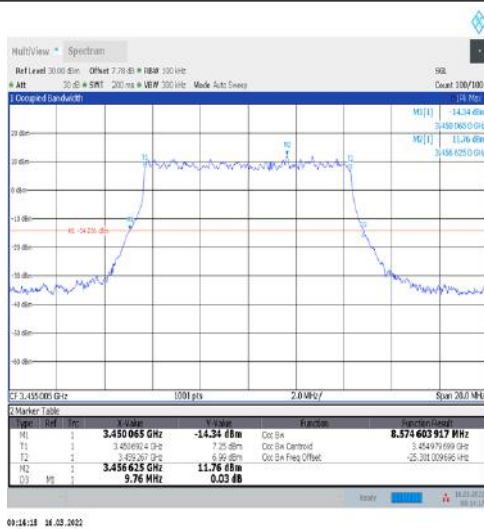
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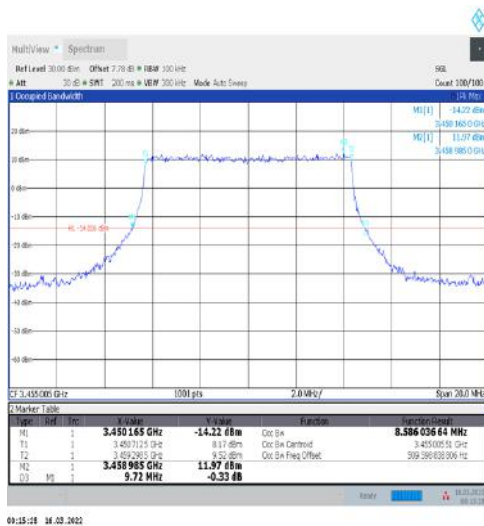
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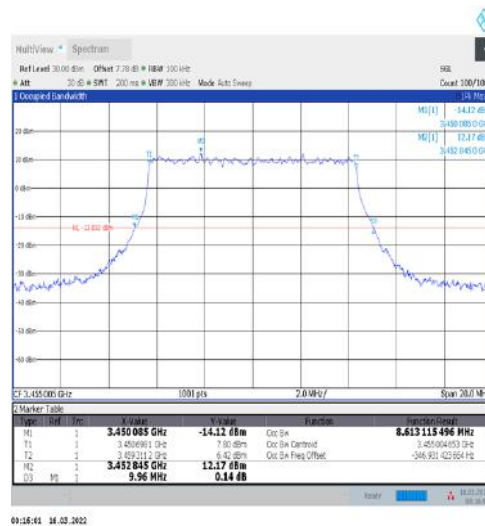
1-N77-3450-3550-30-10-L-5-DFT-256QAM-Outer\_Full-24@0-Ant1-8.575-9.760-≤10-PASS



1-N77-3450-3550-30-10-L-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.609-9.940-≤10-PASS



1-N77-3450-3550-30-10-L-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.586-9.720-≤10-PASS



1-N77-3450-3550-30-10-L-8-CP-64QAM-Outer\_Full-24@0-Ant1-8.613-9.960-≤10-PASS



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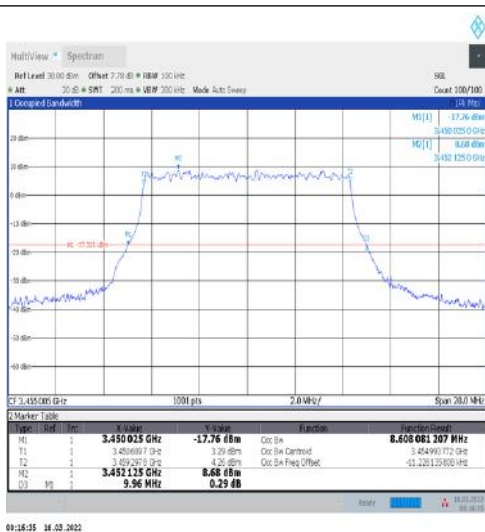
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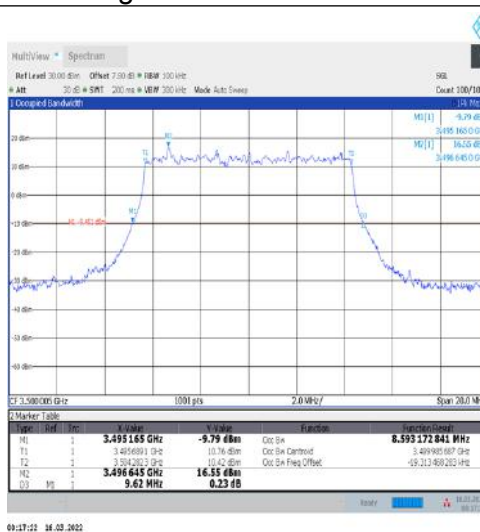
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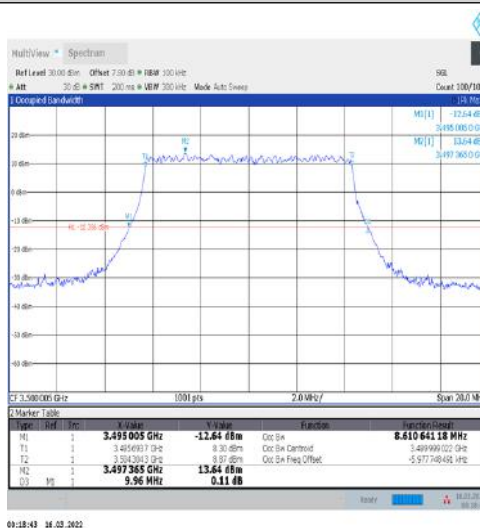
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1-N77-3450-3550-30-10-M-2-DFT-PI2BPSK-Outer\_Full-24@0-Ant1-8.575-9.520-≤10-PASS



1-N77-3450-3550-30-10-M-3-DFT-16QAM-Outer\_Full-24@0-Ant1-8.611-9.960-≤10-PASS



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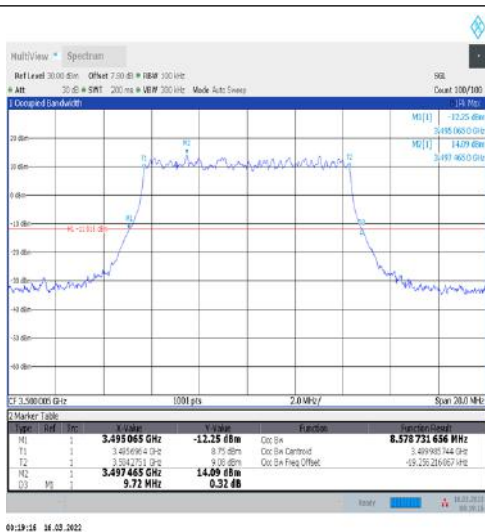
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1-N77-3450-3550-30-10-M-5-DFT-256QAM-Outer\_Full-24@0-Ant1-8.58-9.560-≤10-PASS



1-N77-3450-3550-30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.603-9.780-≤10-PASS



1-N77-3450-3550-30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.615-10.100-≤10-PASS



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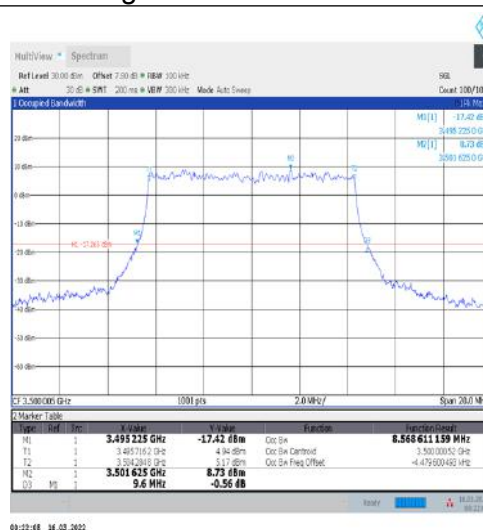
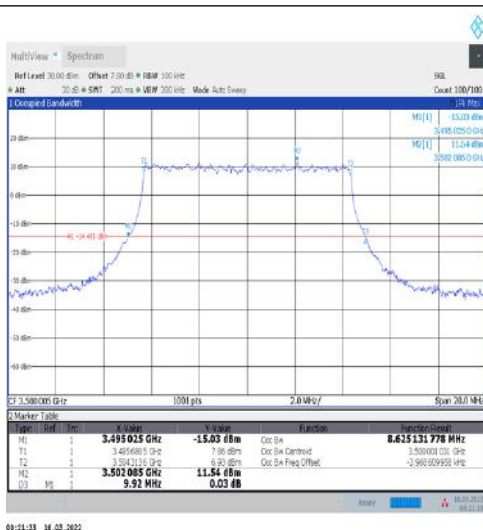
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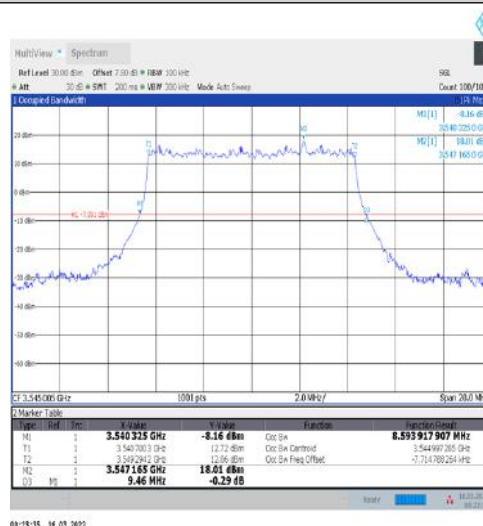
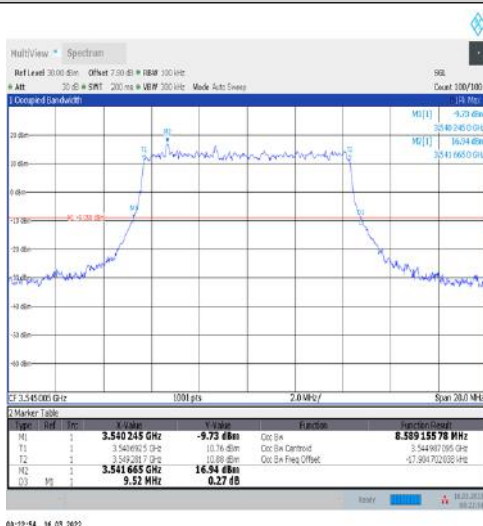
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1-N77-3450-3550-30-10-M-9-CP-256QAM-Outer\_Full-24@0-Ant1-8.569-9.600-≤10-PASS



1-N77-3450-3550-30-10-H-1-DFT-QPSK-Outer\_Full-24@0-Ant1-8.589-9.520-≤10-PASS

1-N77-3450-3550-30-10-H-2-DFT-P12BPSK-Outer\_Full-24@0-Ant1-8.594-9.460-≤10-PASS



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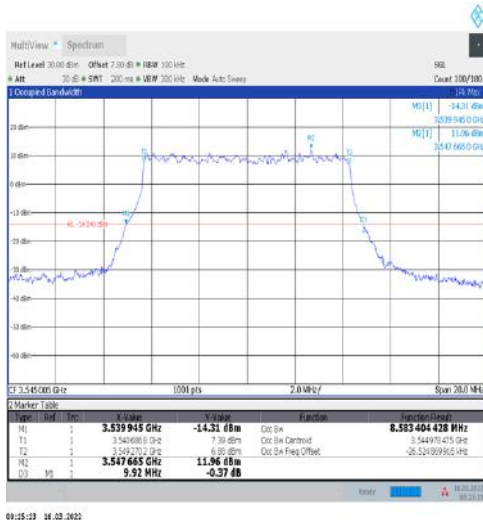
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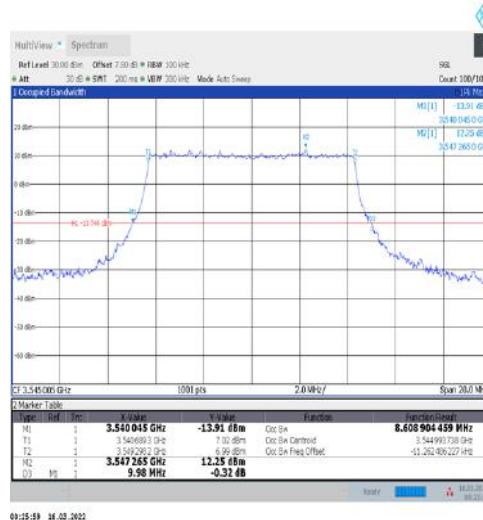
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1-N77-3450-3550-30-10-H-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.609-9.980-≤10-PASS



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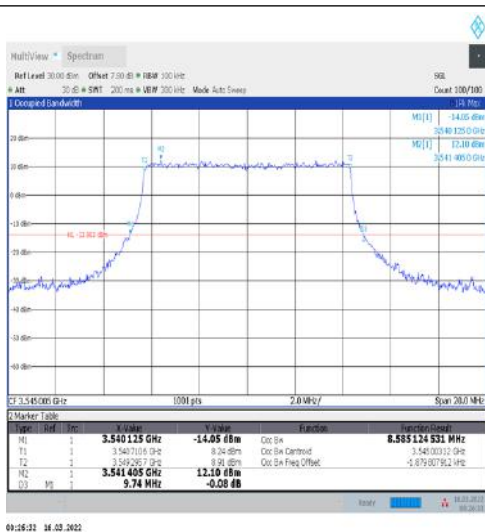
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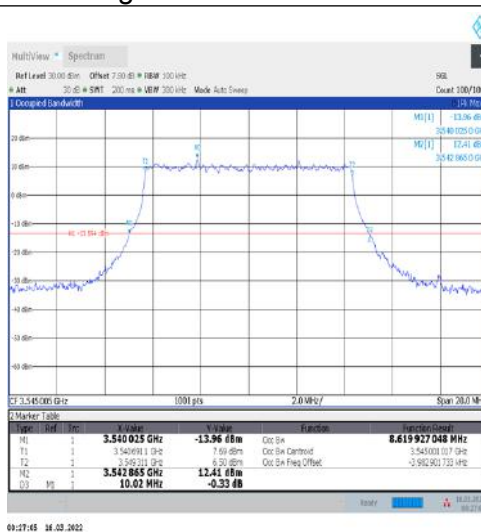
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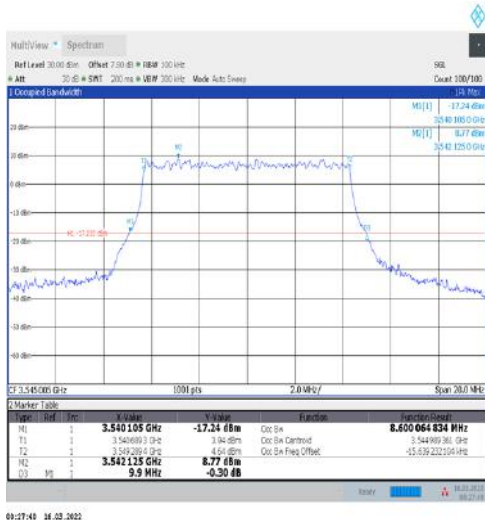
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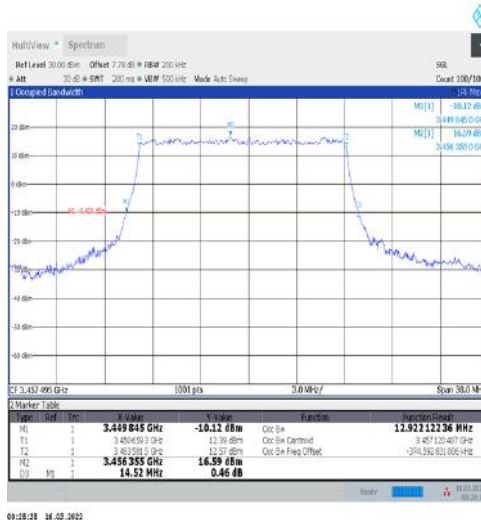
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1-N77-3450-3550-30-10-H-9-CP-256QAM-Outer\_Full-24@0-Ant1-8.6-9.900-≤10-PASS



1-N77-3450-3550-30-15-L-1-DFT-QPSK-Outer\_Full-36@0-Ant1-12.922-14.520-≤15-PASS



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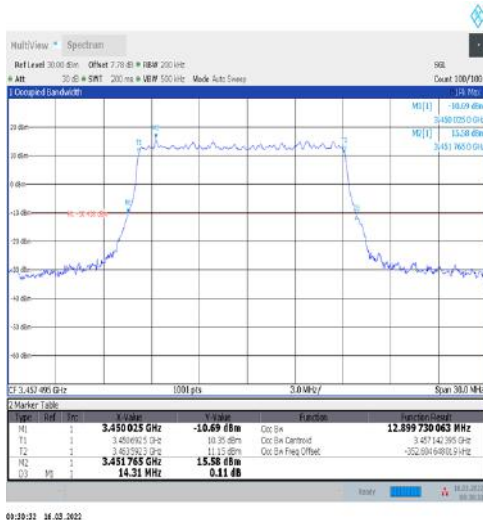
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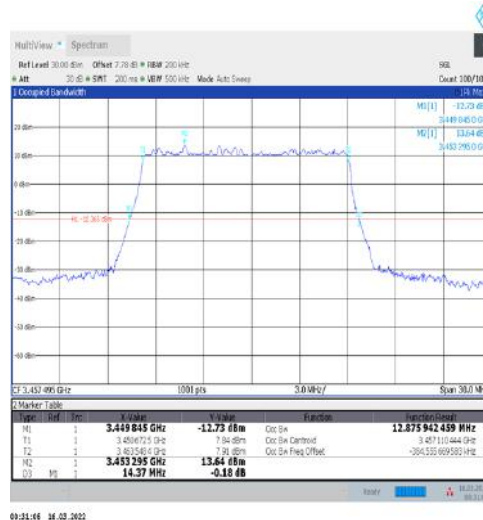
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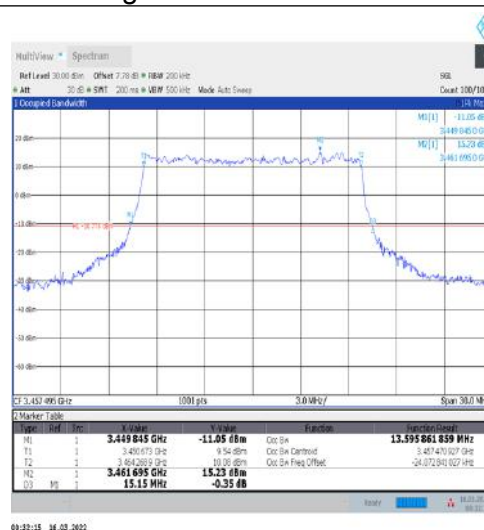
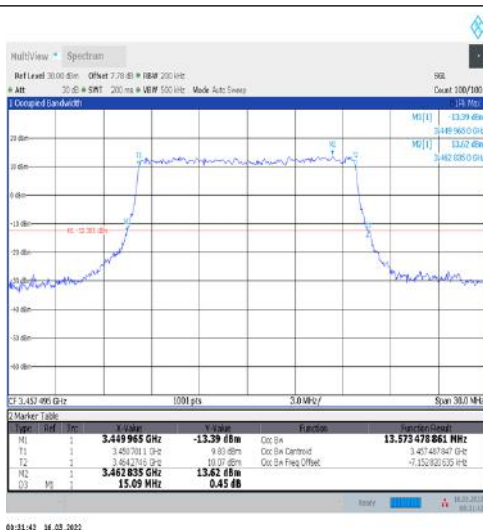
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1-N77-3450-3550-30-15-L-7-CP-16QAM-Outter\_Full-38@0-Ant1-13.596-15.150-≤15-PASS



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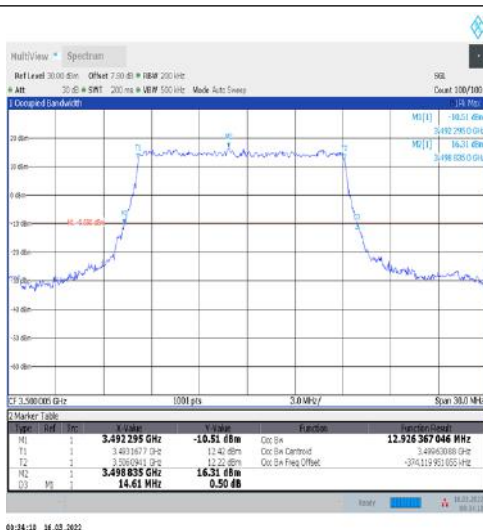
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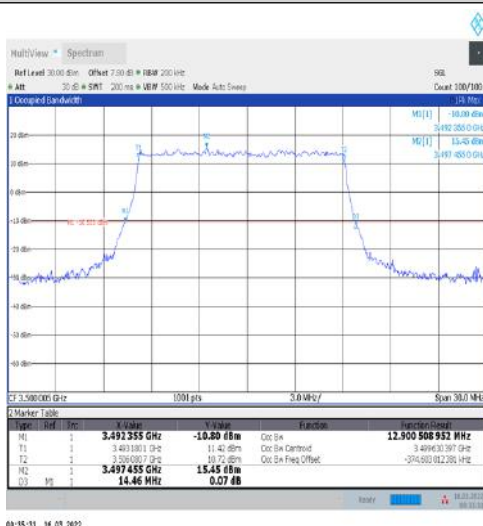
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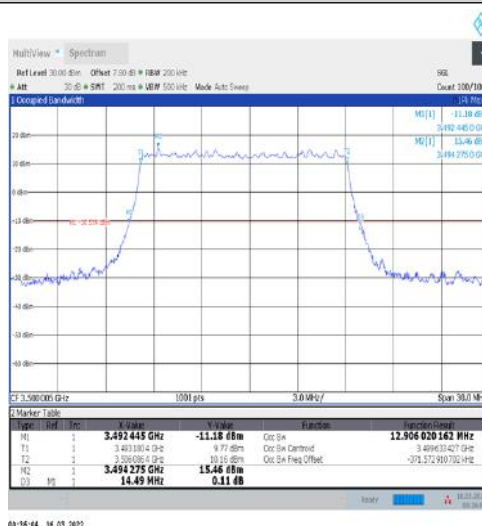
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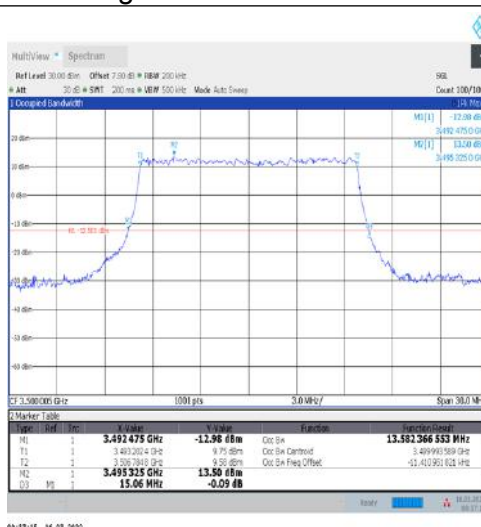
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1-N77-3450-3550-30-15-M-8-CP-64QAM-Outer\_Full-38@0-Ant1-13.651-15.240-≤15-PASS



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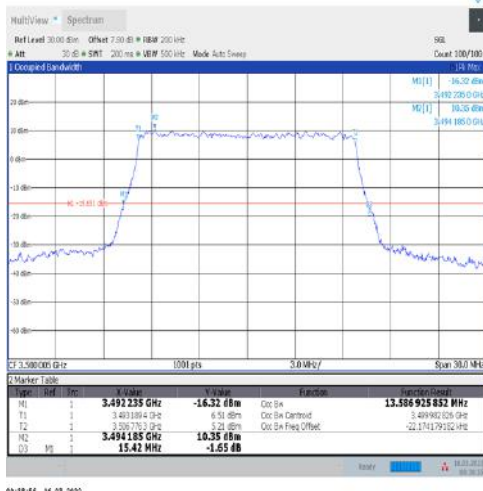
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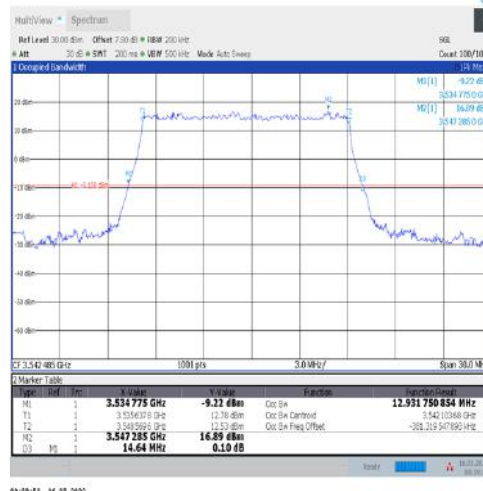
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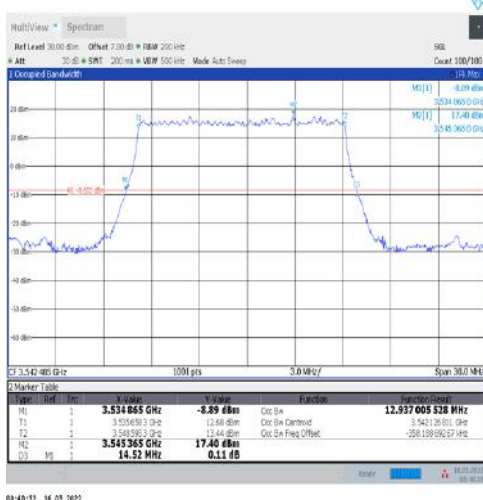
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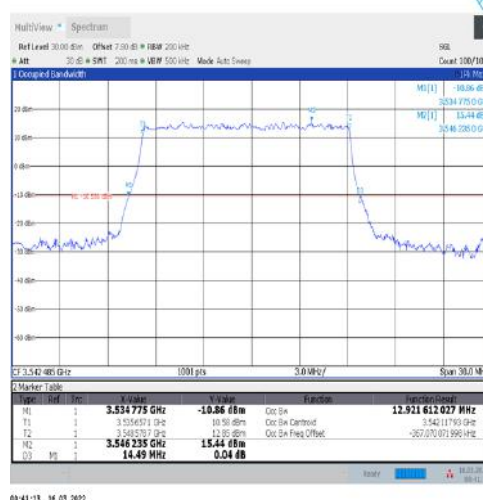
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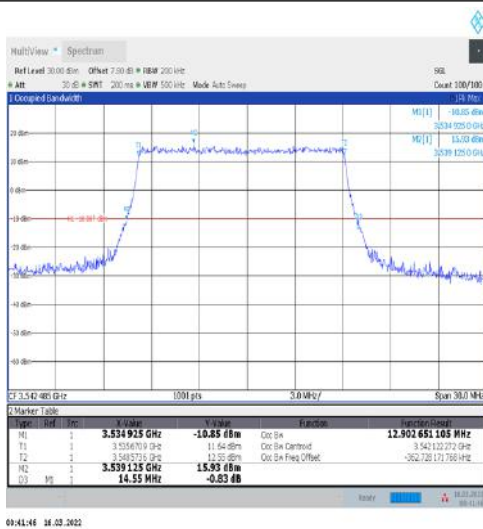
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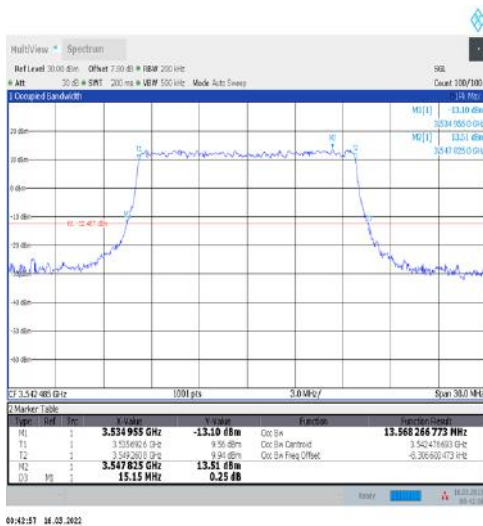
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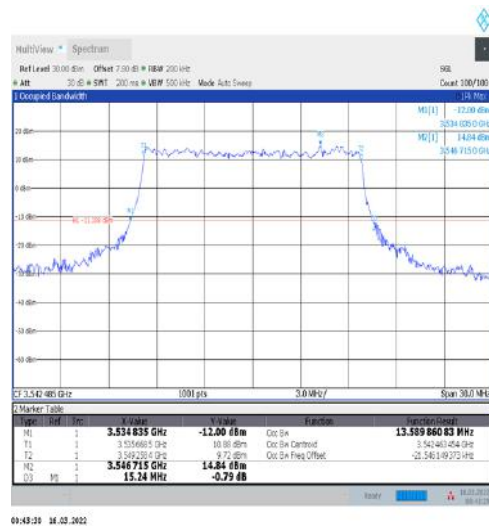
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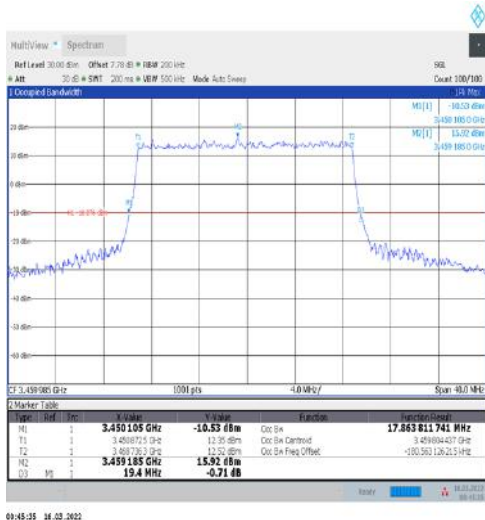
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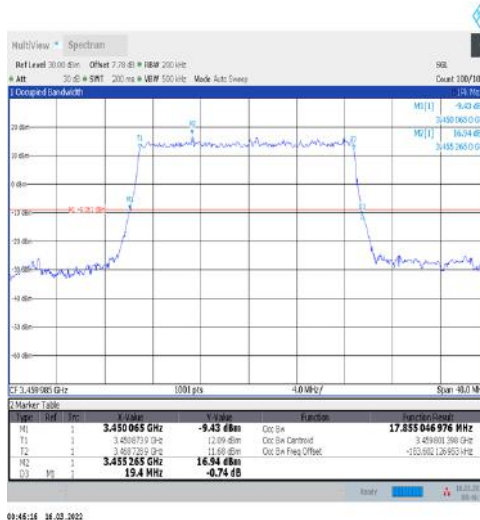
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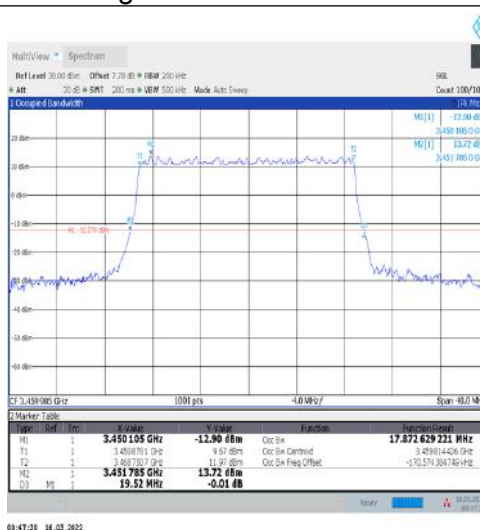
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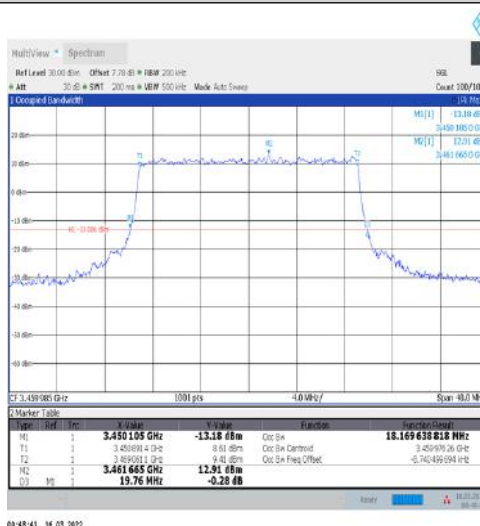
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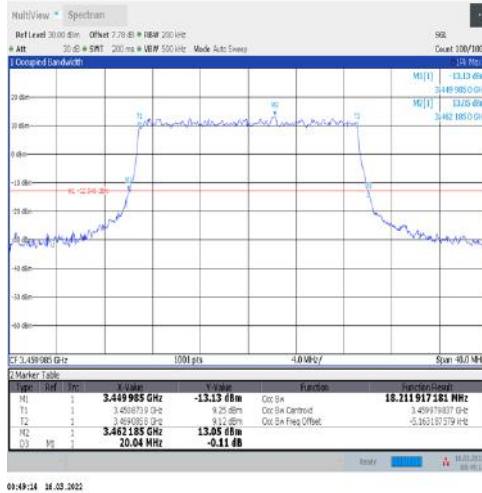
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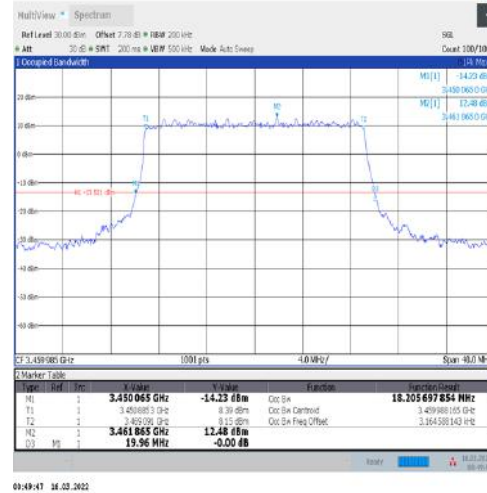
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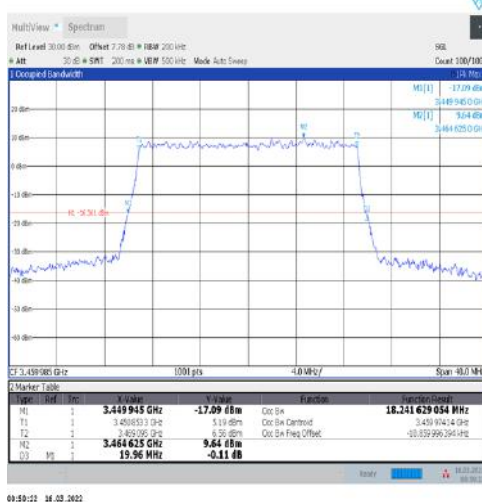
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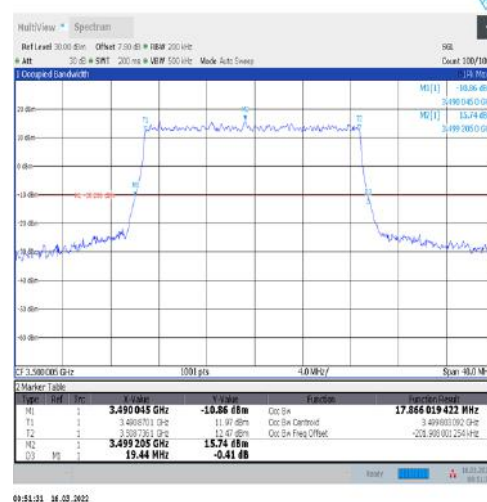
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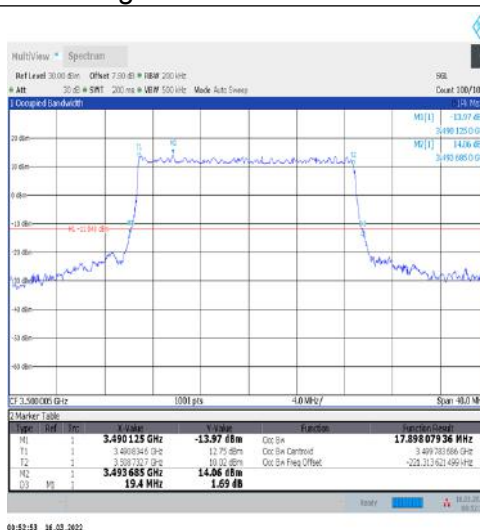
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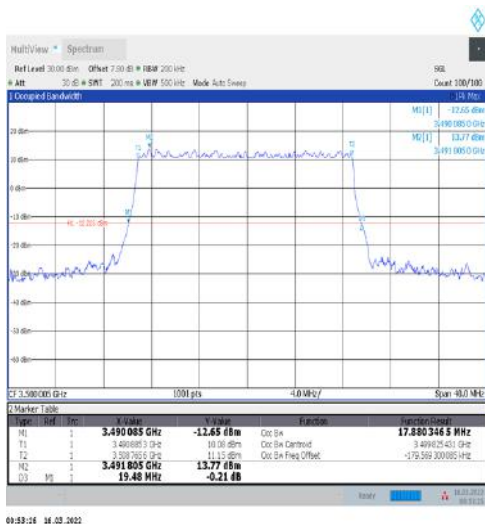
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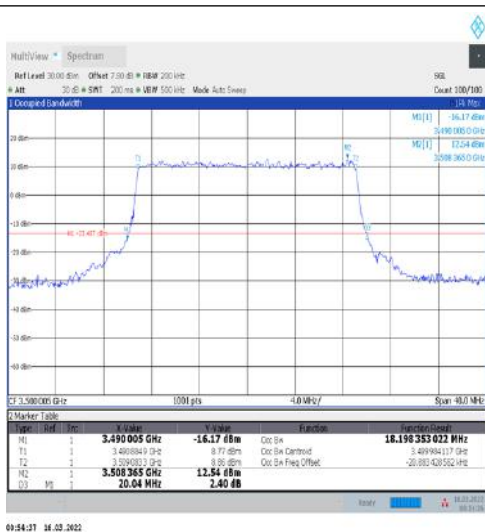
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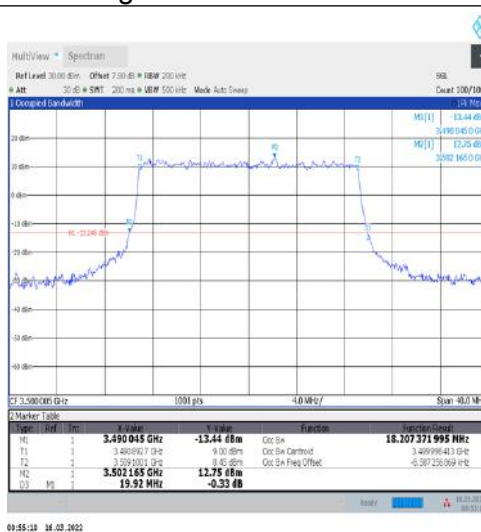
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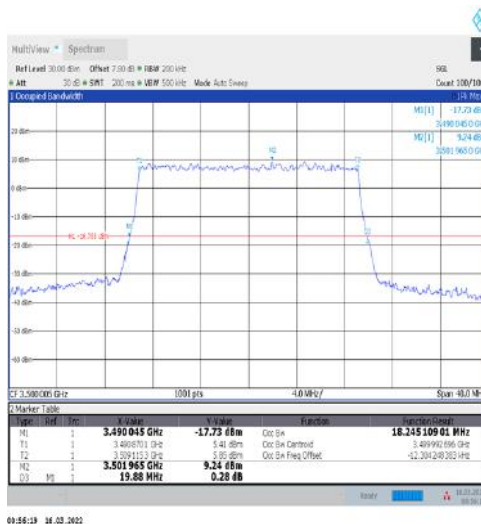
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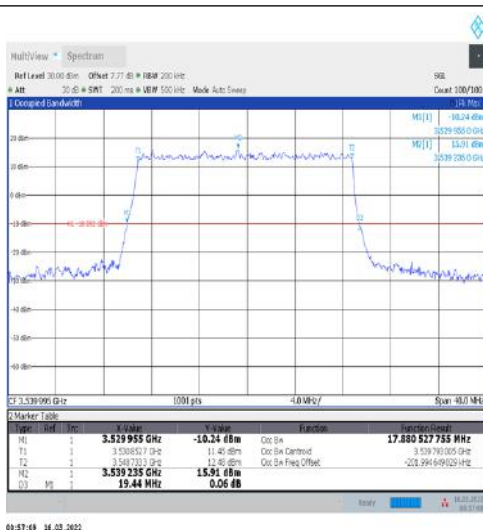
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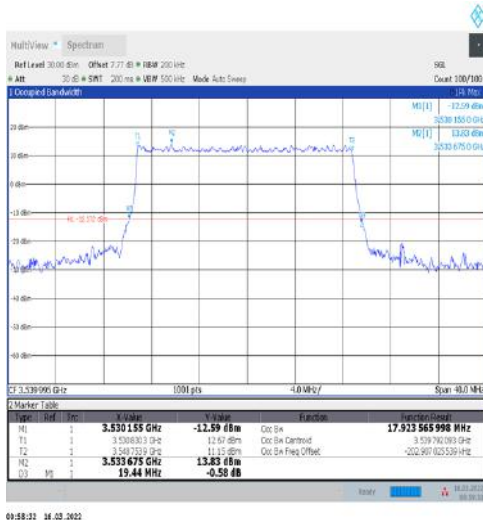
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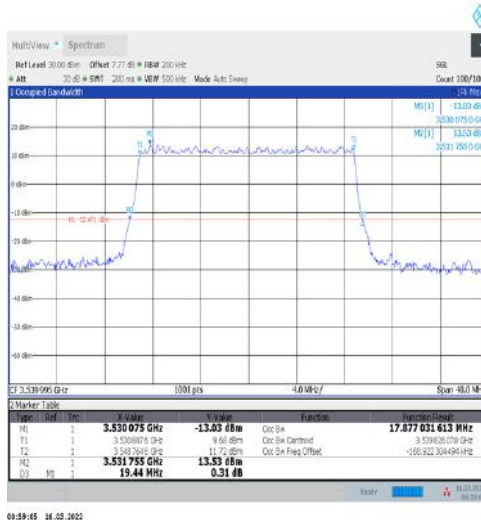
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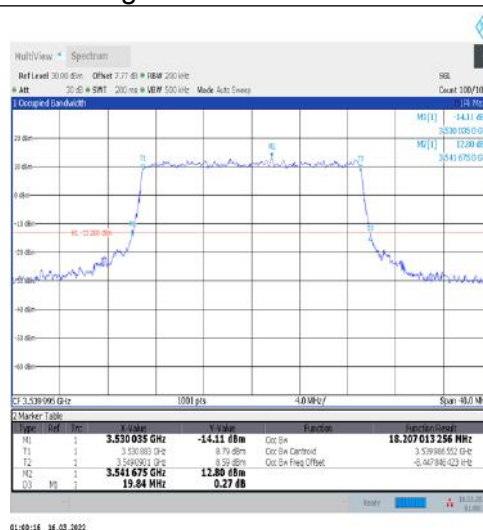
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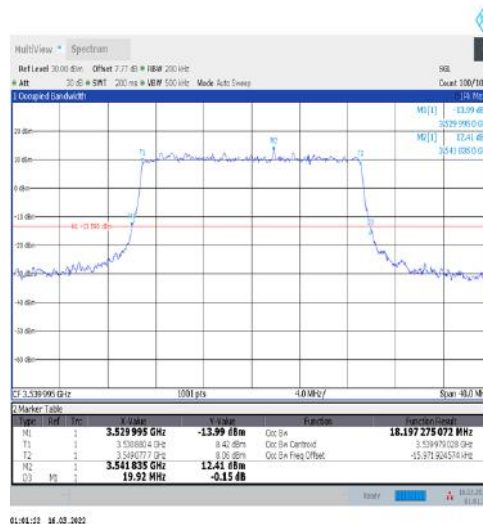
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1-N77-3450-3550-30-20-H-8-CP-64QAM-Outer\_Full-51@0-Ant1-18.197-19.920-≤20-PASS



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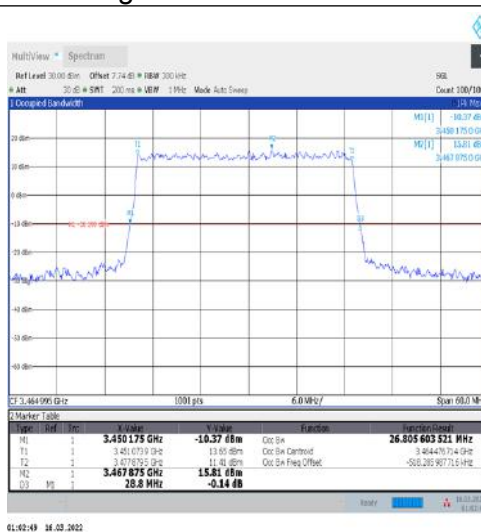
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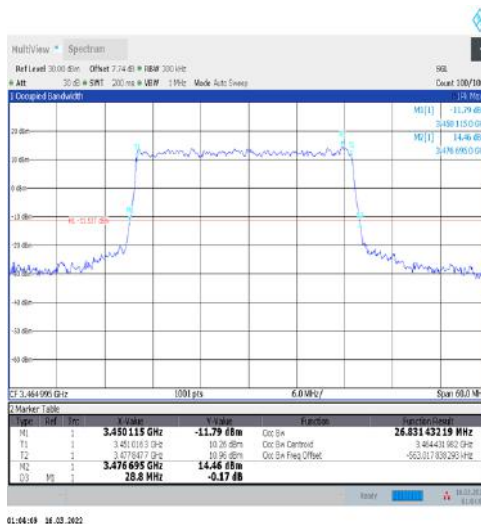
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1-N77-3450-3550-30-30-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26.831-28.800-≤30-PASS



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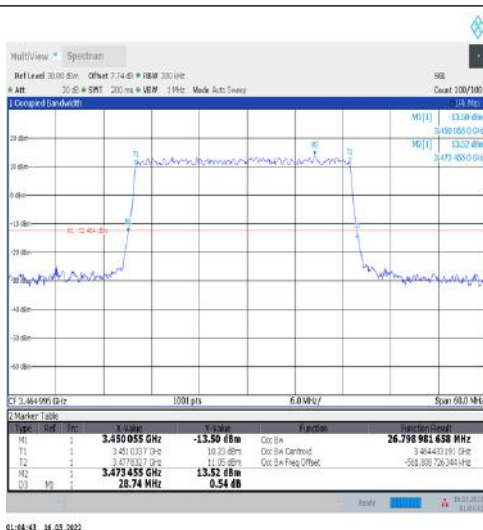
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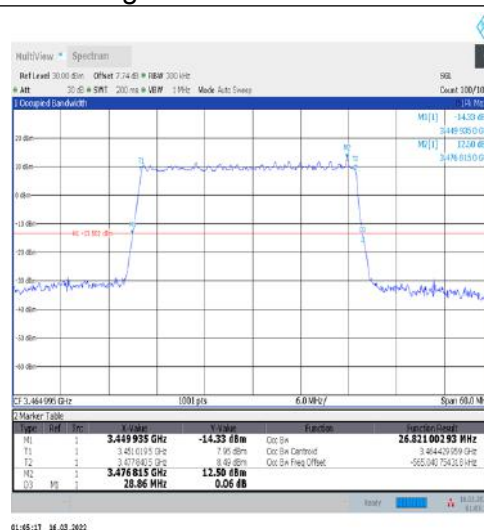
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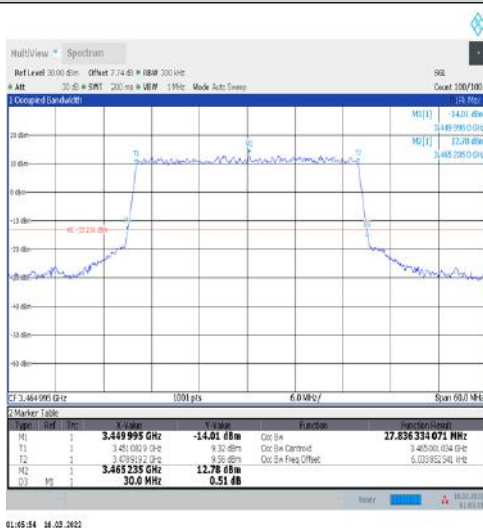
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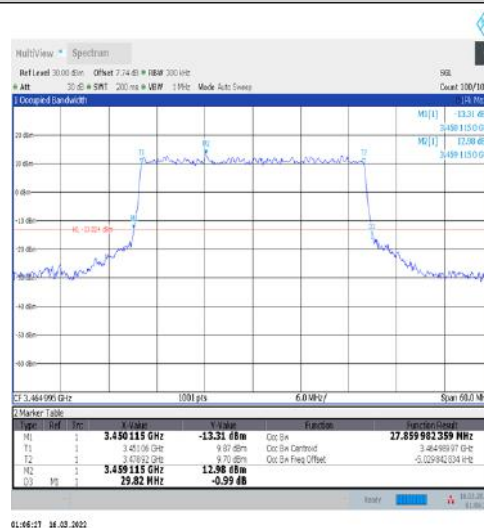
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1-N77-3450-3550-30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant1-27.836-30.000-≤30-PASS



1-N77-3450-3550-30-30-L-7-CP-16QAM-Outer\_Full-78@0-Ant1-27.86-29.820-≤30-PASS



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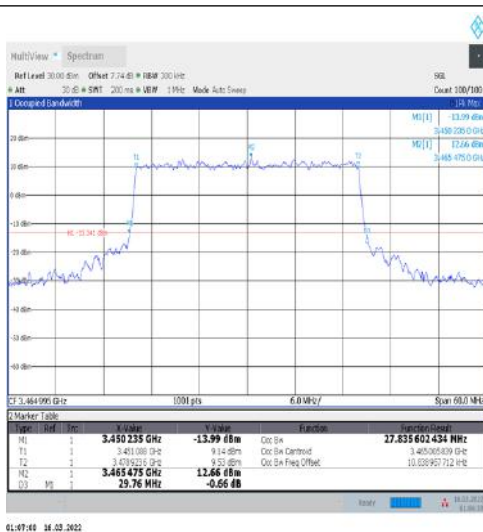
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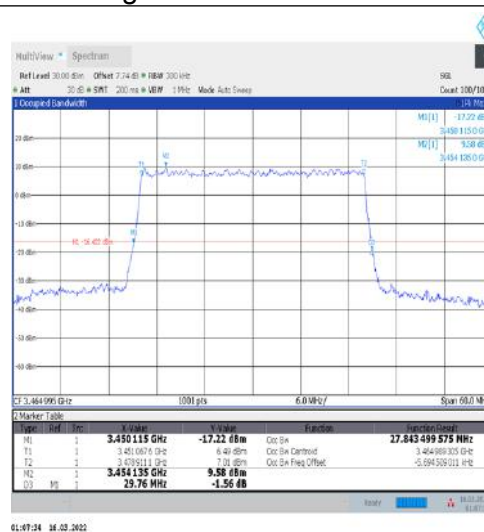
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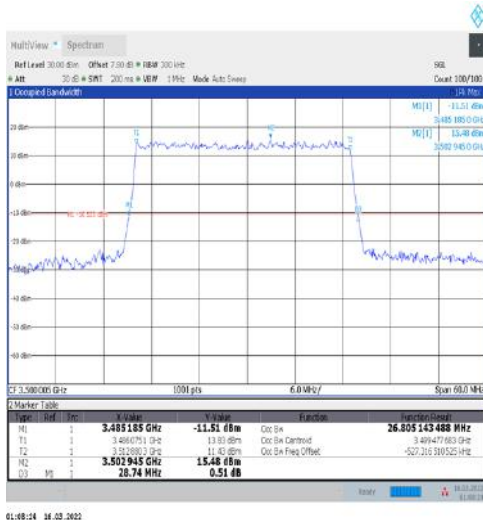
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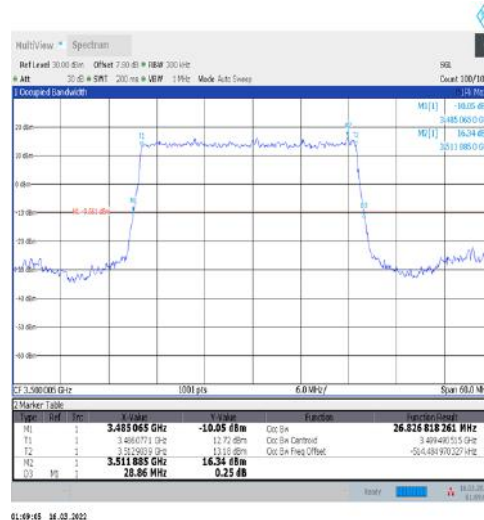
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1-N77-3450-3550-30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26.805-28.740-≤30-PASS



1-N77-3450-3550-30-30-M-2-DFT-P12BPSK-Outer\_Full-75@0-Ant1-26.827-28.860-≤30-PASS



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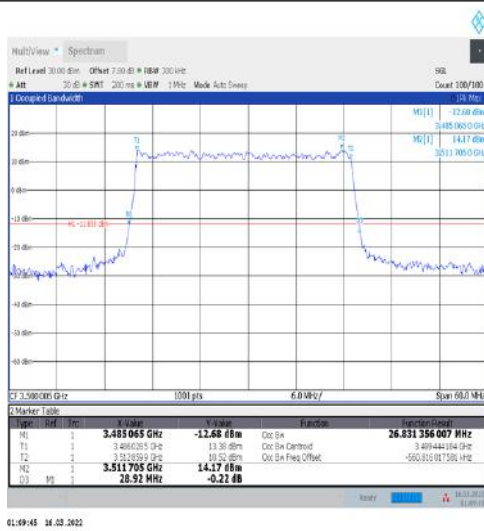
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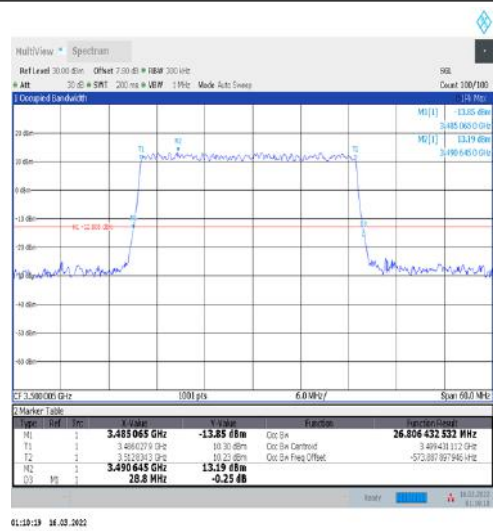
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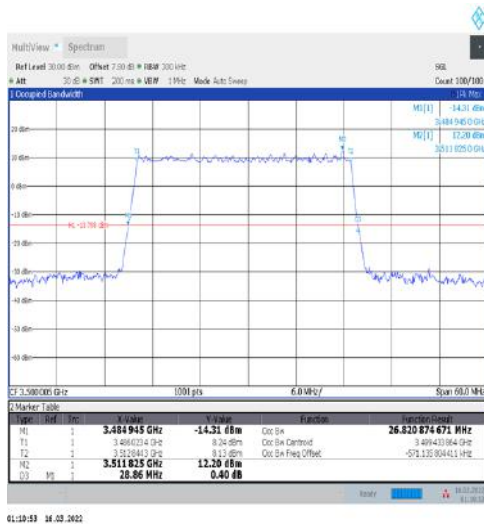
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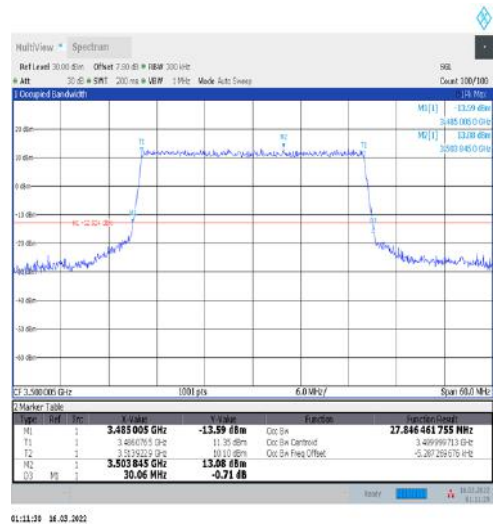
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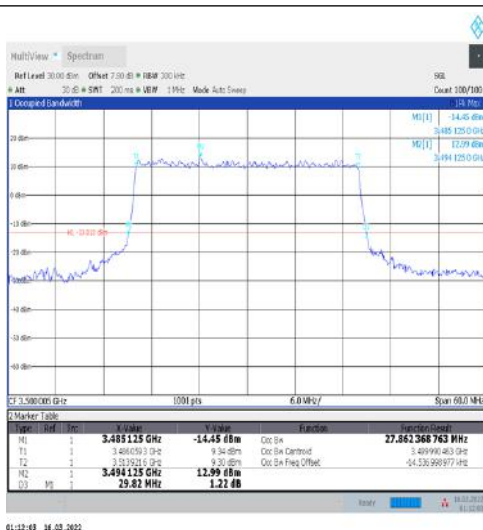
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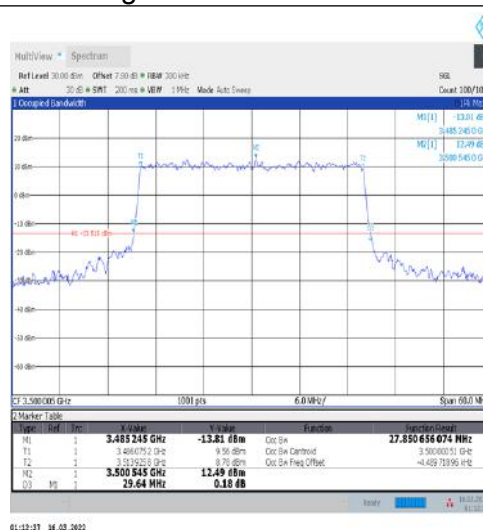
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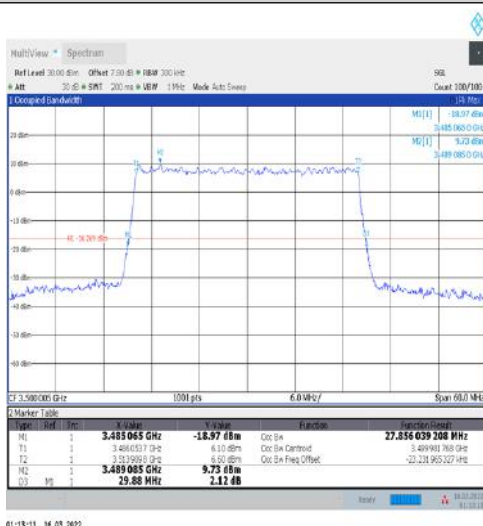
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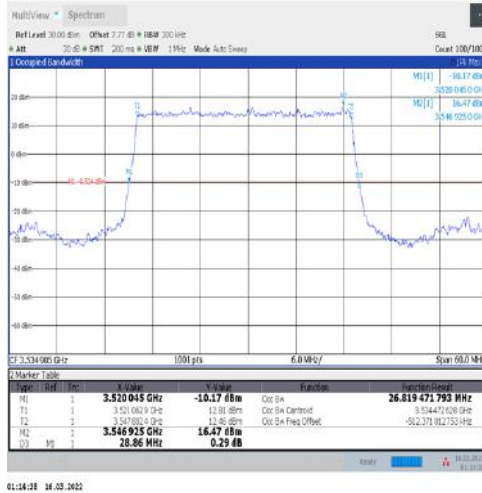
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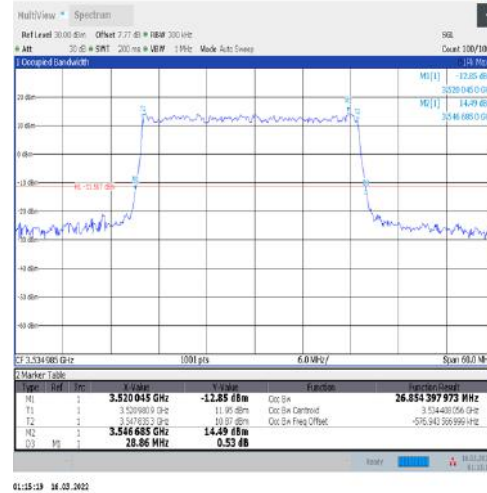
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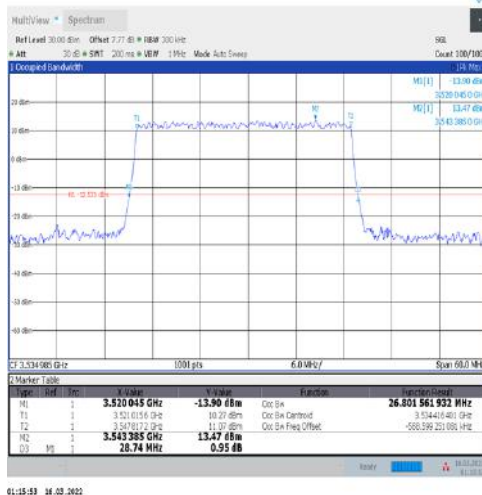
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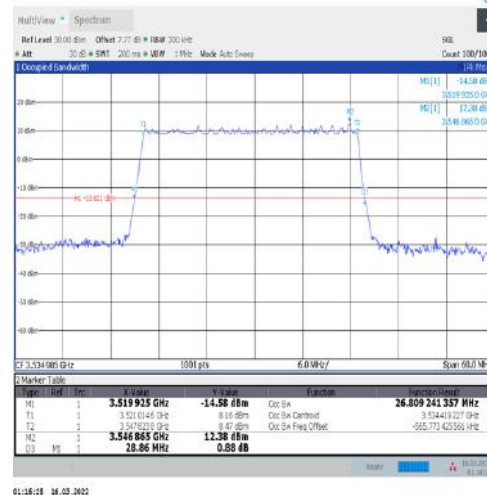
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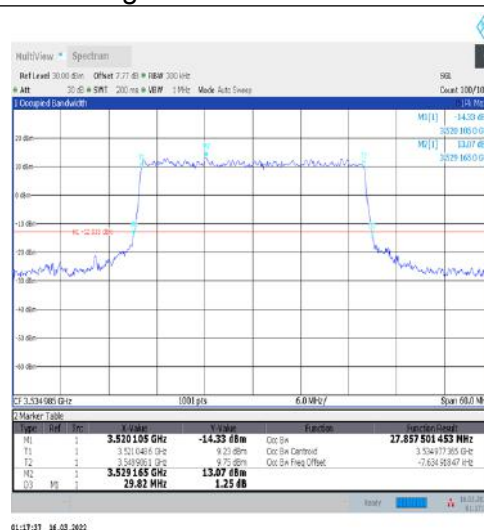
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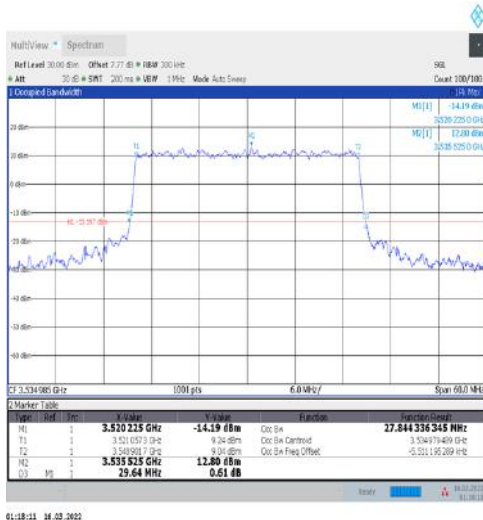
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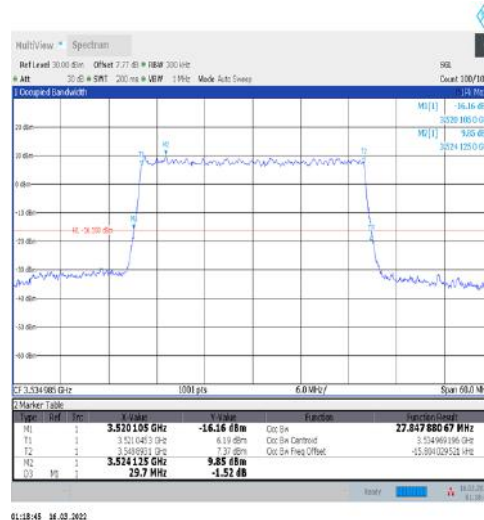
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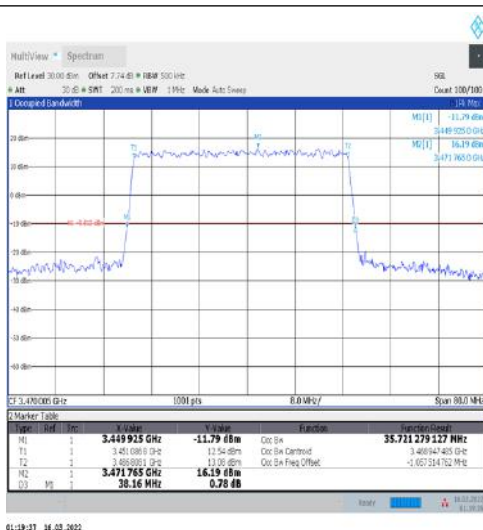
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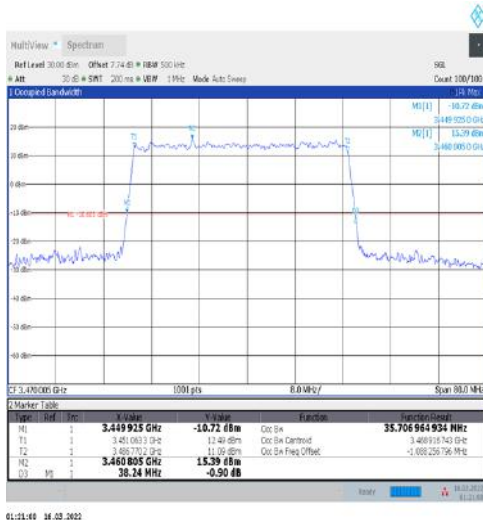
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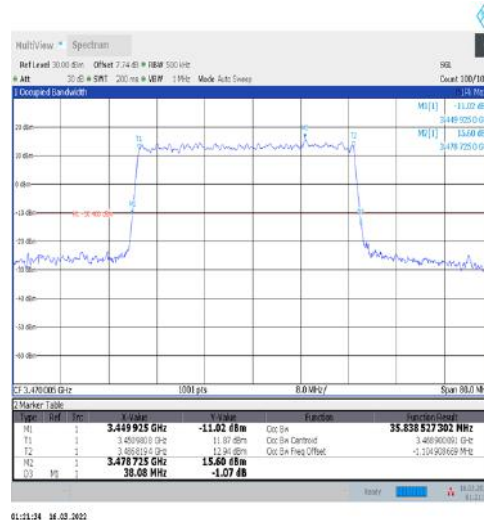
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1-N77-3450-3550-30-40-L-3-DFT-16QAM-Outer\_Full-100@0-Ant1-35.707-38.240-≤40-PASS



1-N77-3450-3550-30-40-L-4-DFT-64QAM-Outer\_Full-100@0-Ant1-35.839-38.080-≤40-PASS



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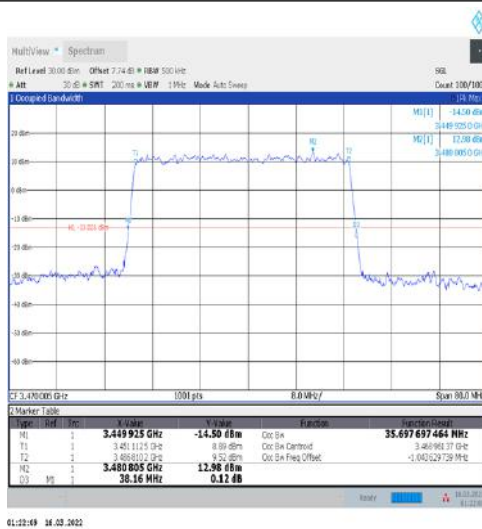
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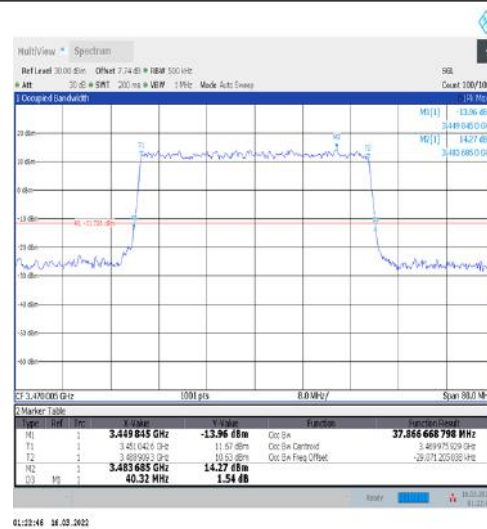
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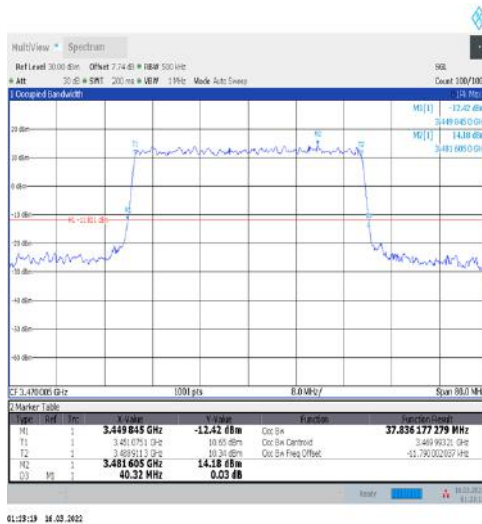
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1-N77-3450-3550-30-40-L-5-DFT-256QAM-Outer\_Full-100@0-Ant1-35.698-38.160-≤40-PASS



1-N77-3450-3550-30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-37.867-40.320-≤40-PASS



1-N77-3450-3550-30-40-L-7-CP-16QAM-Outer\_Full-106@0-Ant1-37.836-40.320-≤40-PASS



1-N77-3450-3550-30-40-L-8-CP-64QAM-Outer\_Full-106@0-Ant1-37.806-40.320-≤40-PASS



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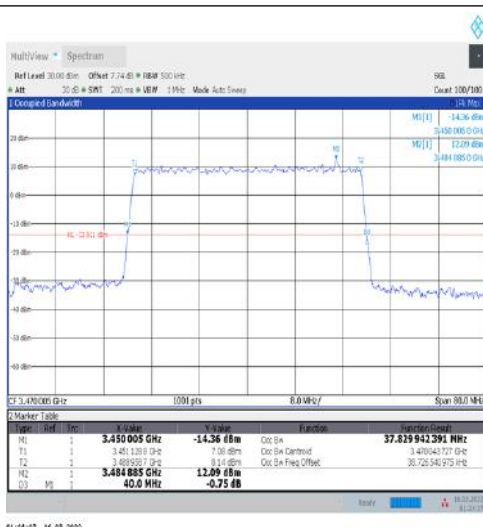
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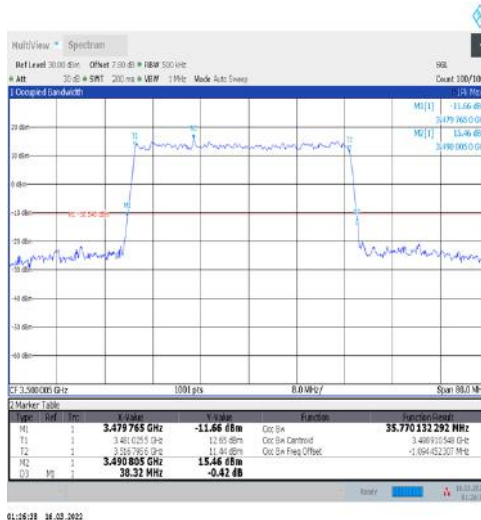
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1-N77-3450-3550-30-40-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-35.799-38.160-≤40-PASS



1-N77-3450-3550-30-40-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-35.77-38.320-≤40-PASS



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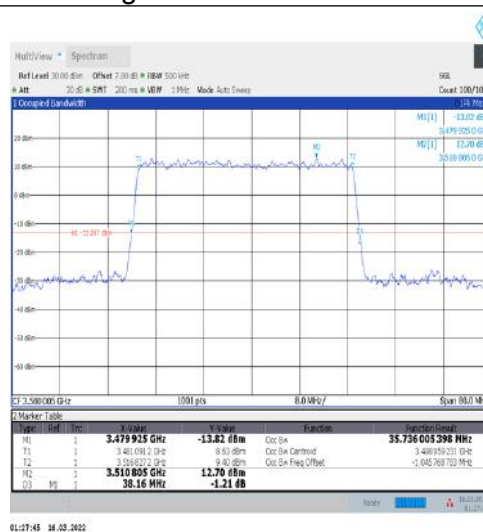
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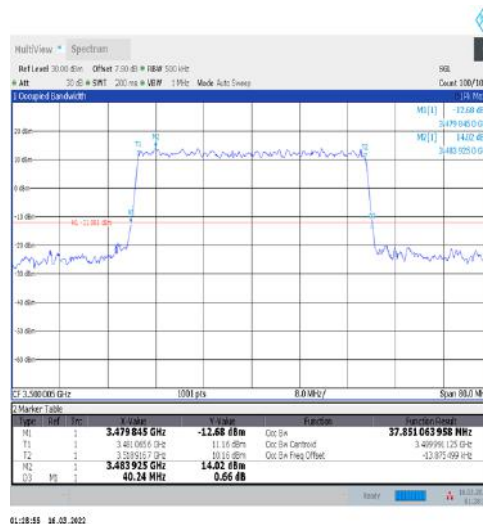
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1-N77-3450-3550-30-40-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-35.736-38.160-≤40-PASS



1-N77-3450-3550-30-40-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-37.921-40.240-≤40-PASS

1-N77-3450-3550-30-40-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-37.851-40.240-≤40-PASS



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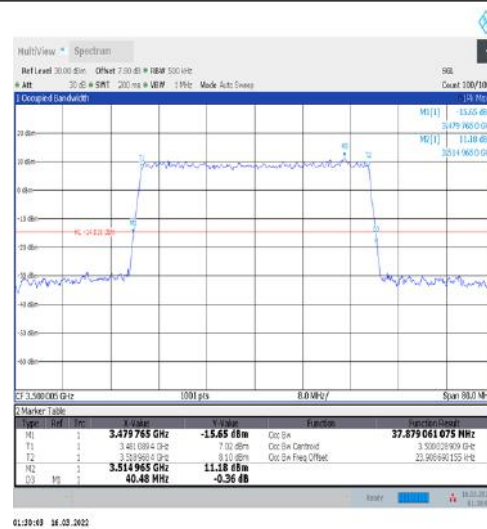
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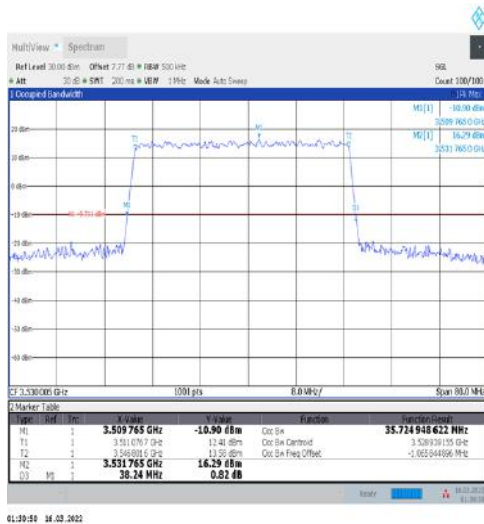
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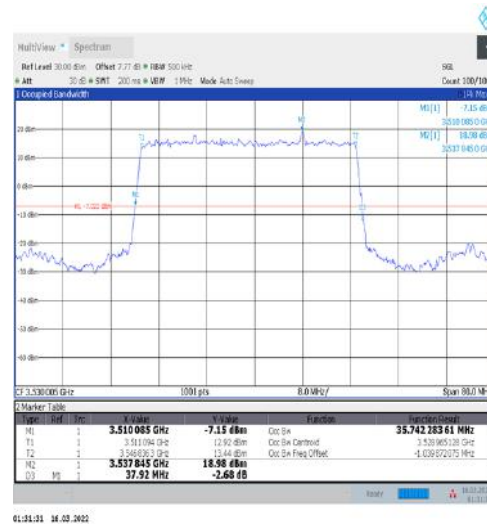
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1-N77-3450-3550-30-40-H-2-DFT-P12BPSK-Outer\_Full-100@0-Ant1-35.742-37.920-≤40-PASS



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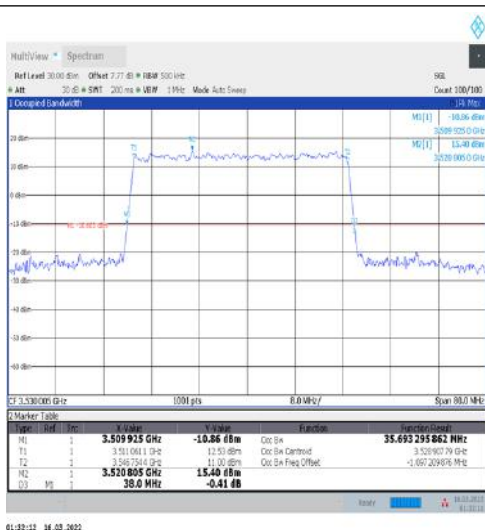
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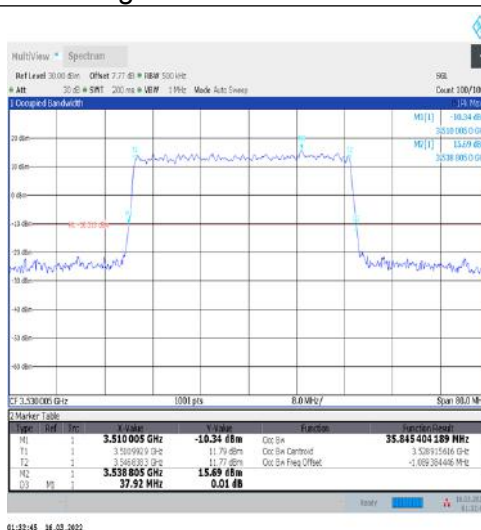
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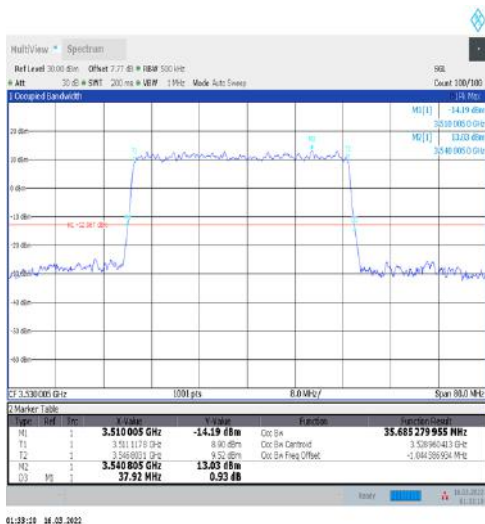
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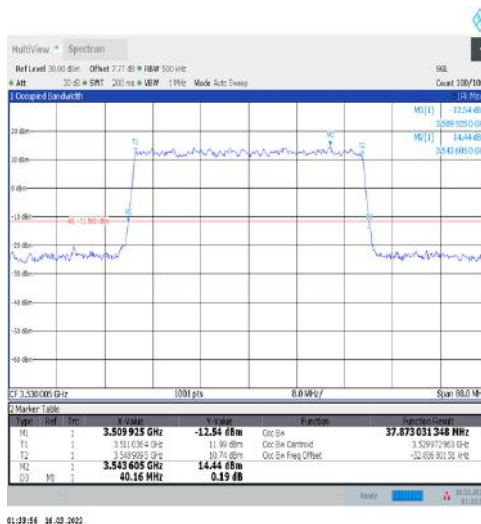
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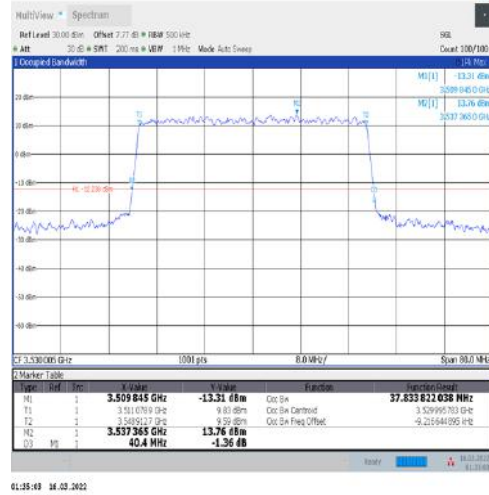
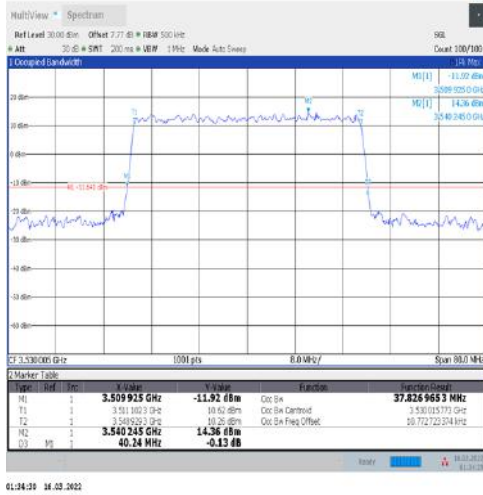
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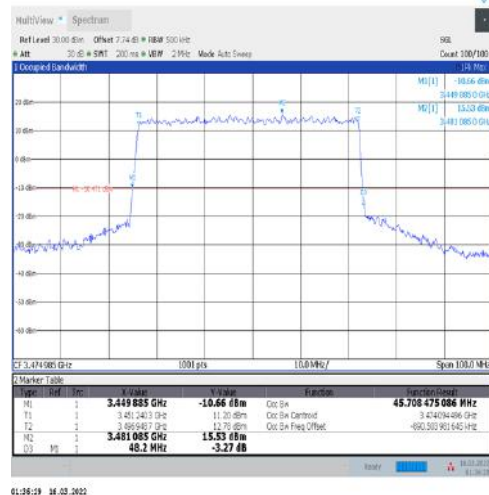
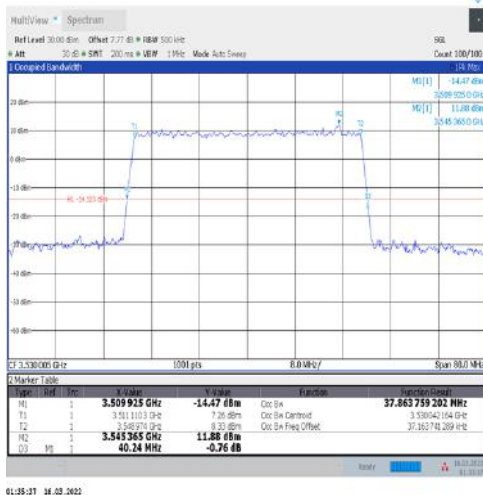
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1-N77-3450-3550-30-50-L-1-DFT-QPSK-Outer\_Full-128@0-Ant1-45.708-48.200-≤50-PASS



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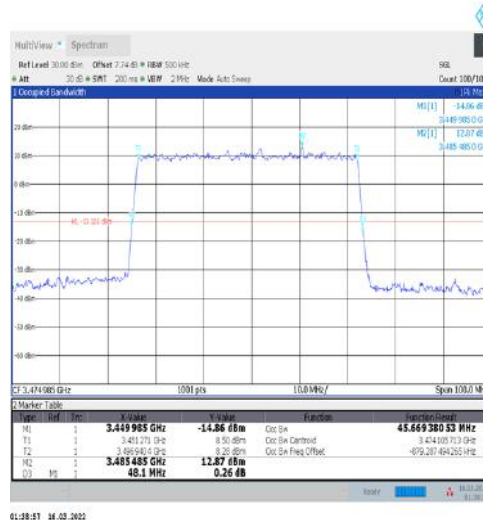
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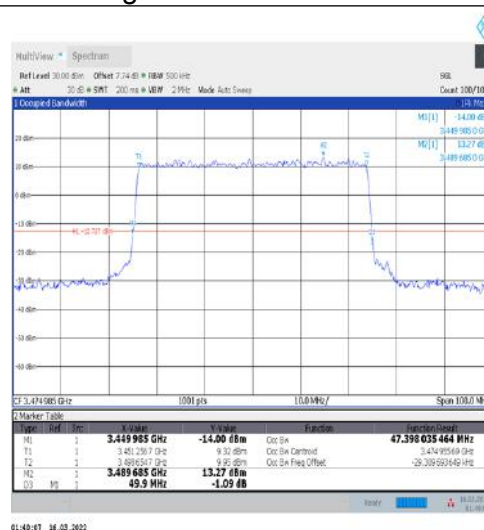
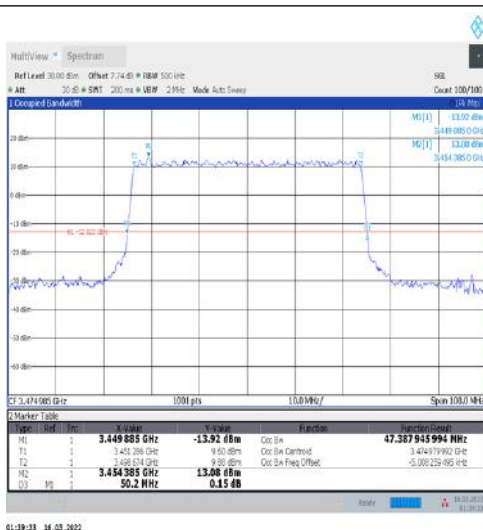
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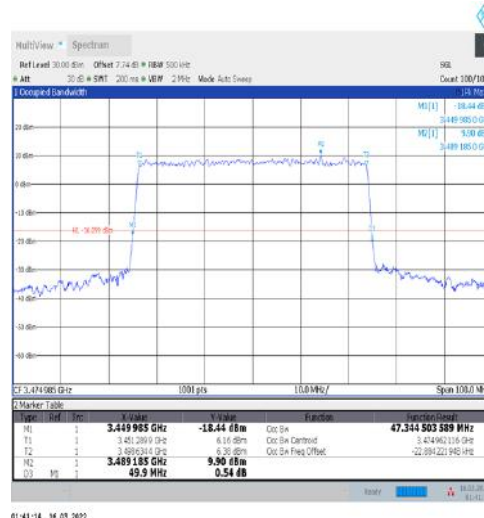
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1-N77-3450-3550-30-50-L-6-CP-QPSK-Outer\_Full-133@0-Ant1-47.388-50.200-≤50-PASS

1-N77-3450-3550-30-50-L-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.398-49.900-≤50-PASS



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1-N77-3450-3550-30-50-L-9-CP-256QAM-Outer\_Full-133@0-Ant1-47.345-49.900-≤50-PASS



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1-N77-3450-3550-30-50-M-1-DFT-QPSK-Outer\_Full-128@0-Ant1-45.788-48.200-≤50-PASS



1-N77-3450-3550-30-50-M-2-DFT-P12BPSK-Outer\_Full-128@0-Ant1-45.716-48.100-≤50-PASS



1-N77-3450-3550-30-50-M-3-DFT-16QAM-Outer\_Full-128@0-Ant1-45.689-48.000-≤50-PASS



1-N77-3450-3550-30-50-M-4-DFT-64QAM-Outer\_Full-128@0-Ant1-45.735-48.300-≤50-PASS



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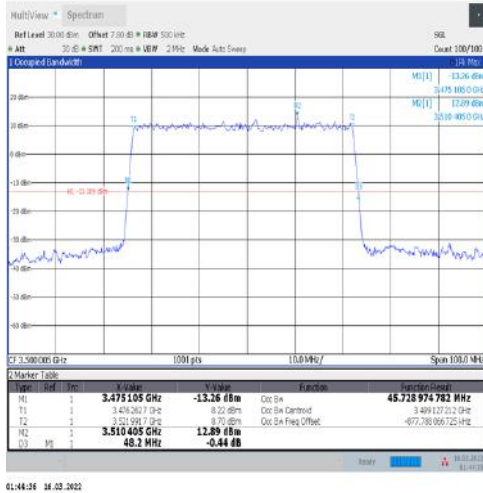
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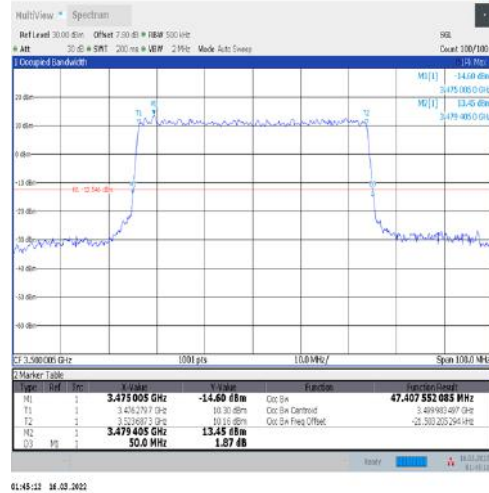
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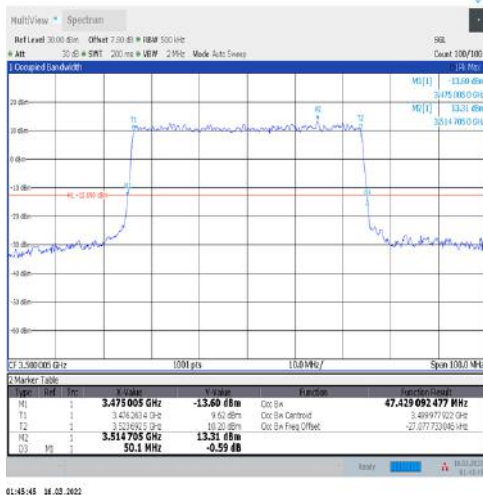
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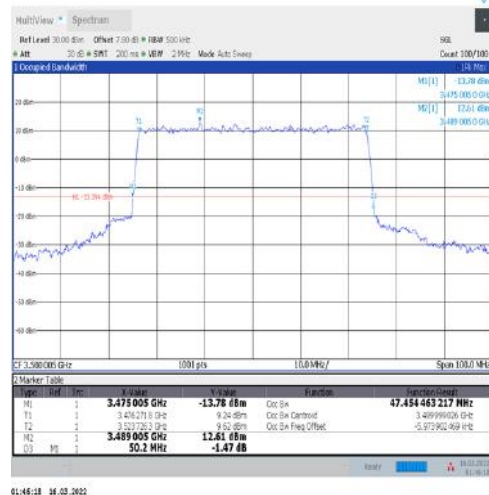
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1-N77-3450-3550-30-50-M-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.429-50.100-≤50-PASS



1-N77-3450-3550-30-50-M-8-CP-64QAM-Outer\_Full-133@0-Ant1-47.454-50.200-≤50-PASS



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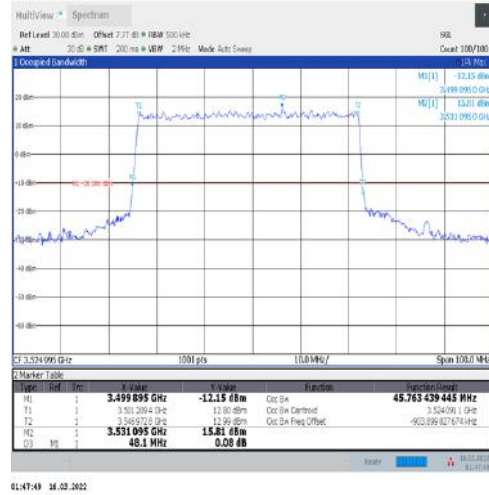
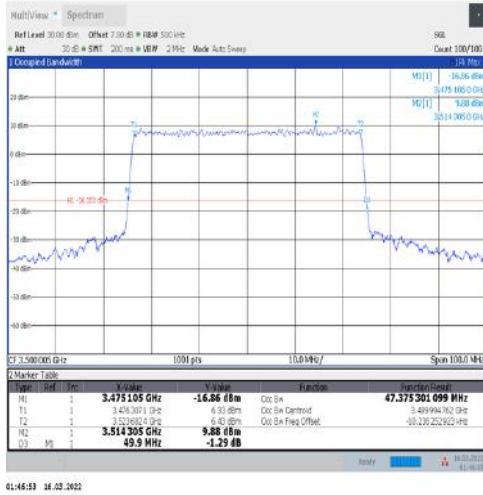
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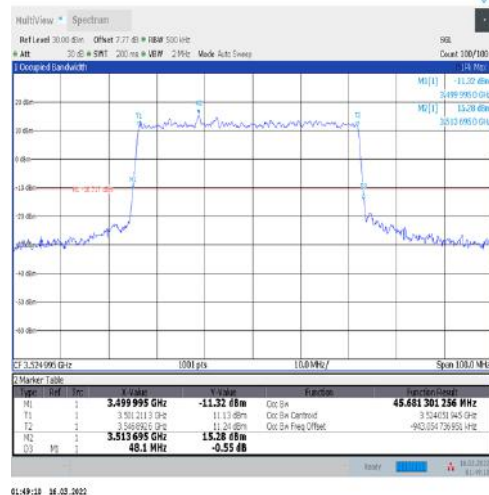
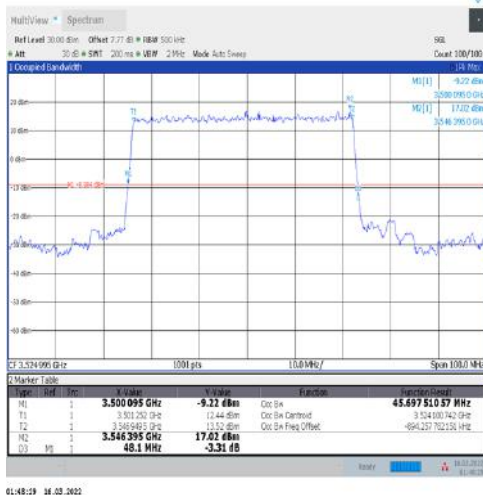
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1-N77-3450-3550-30-50-H-3-DFT-16QAM-Outer\_Full-128@0-Ant1-45.681-48.100-≤50-PASS



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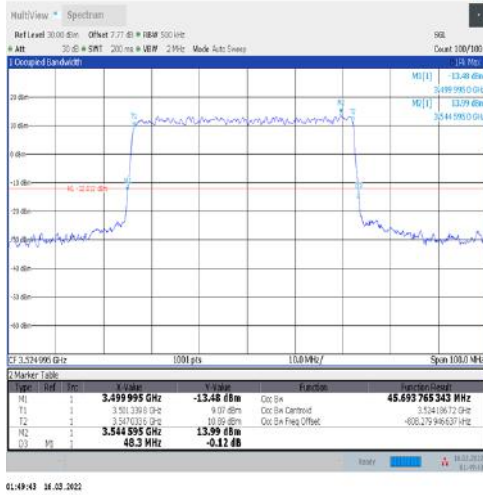
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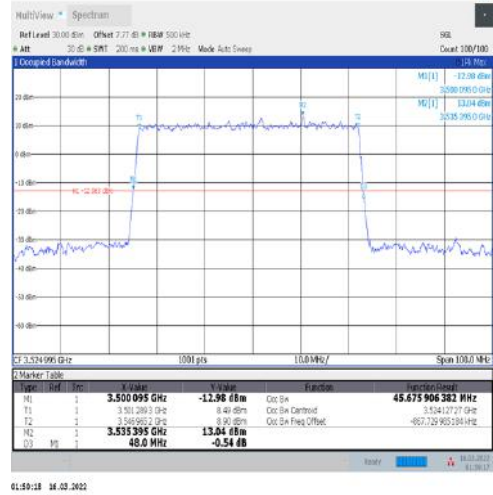
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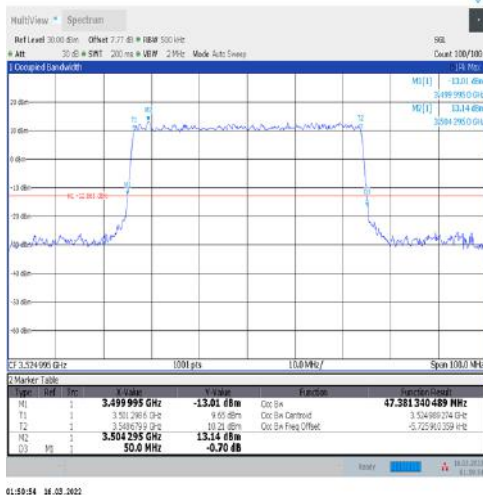
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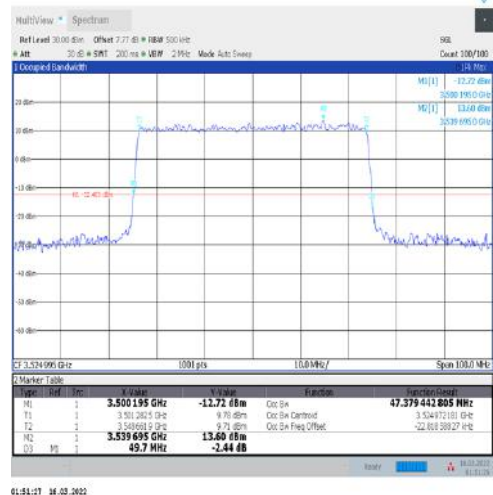
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1-N77-3450-3550-30-50-H-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.379-49.700-≤50-PASS



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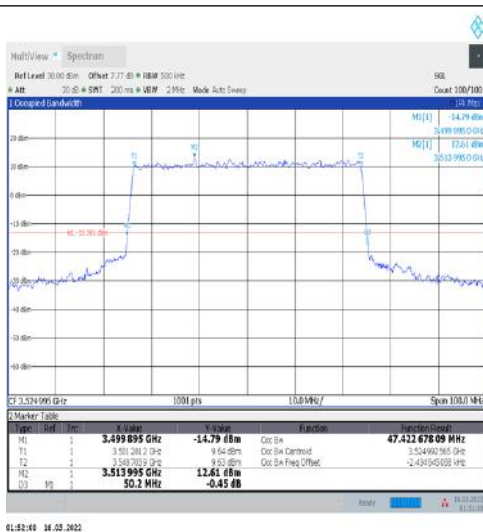
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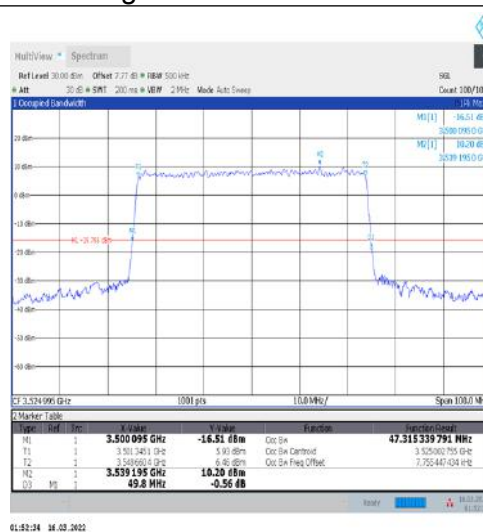
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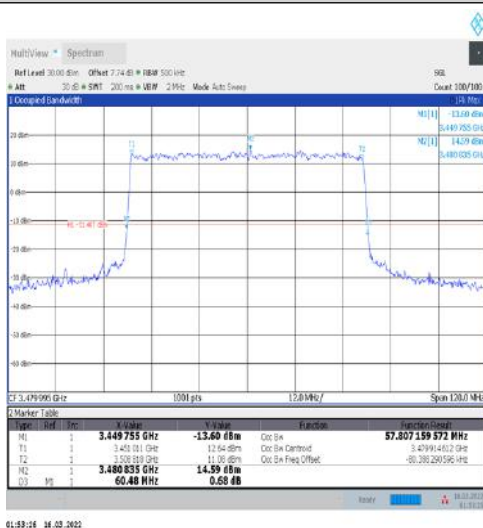
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1-N77-3450-3550-30-60-L-2-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-57.846-60.240-≤60-PASS



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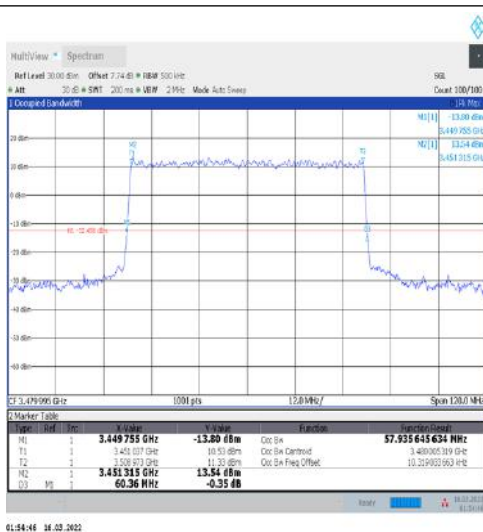
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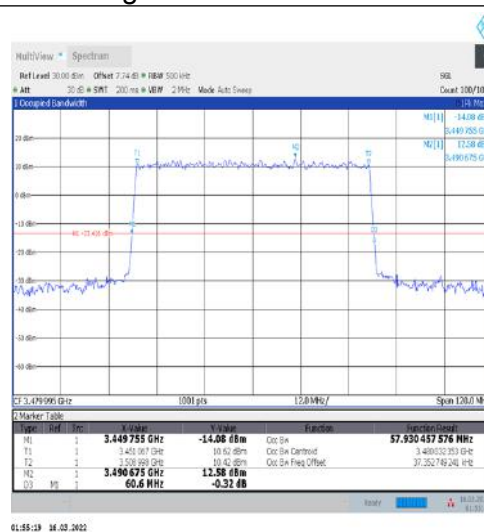
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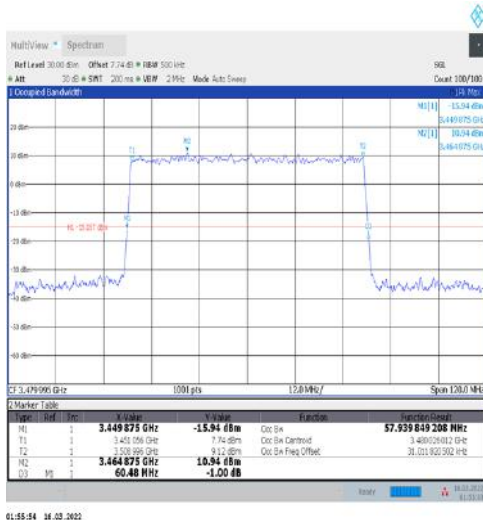
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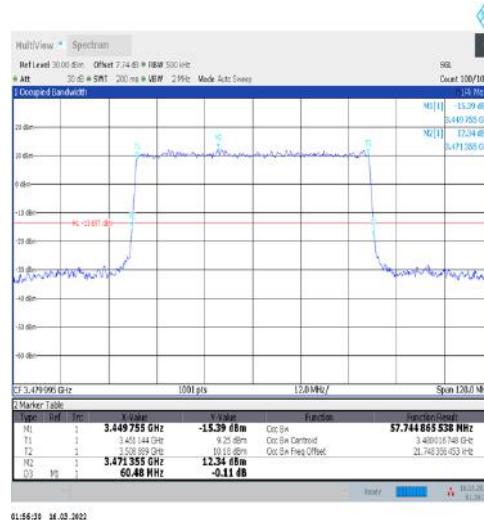
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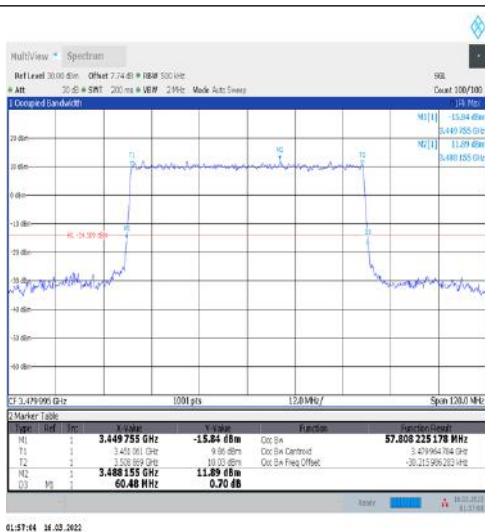
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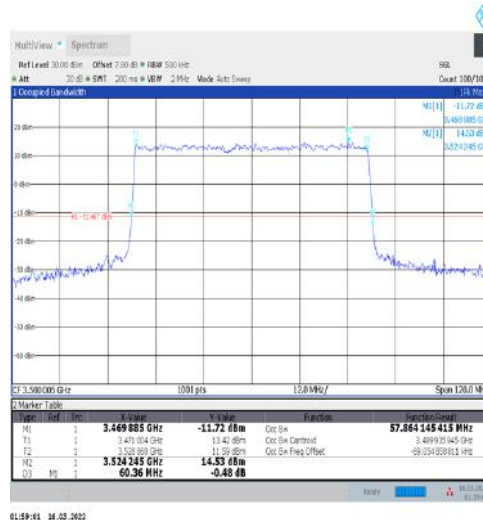
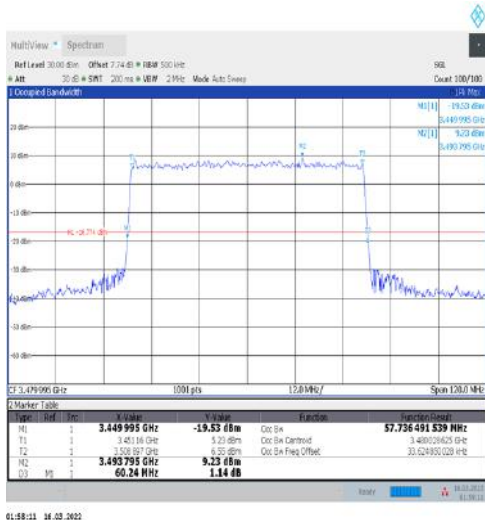
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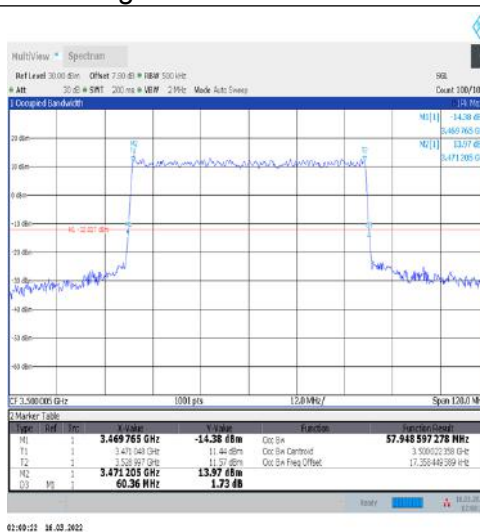
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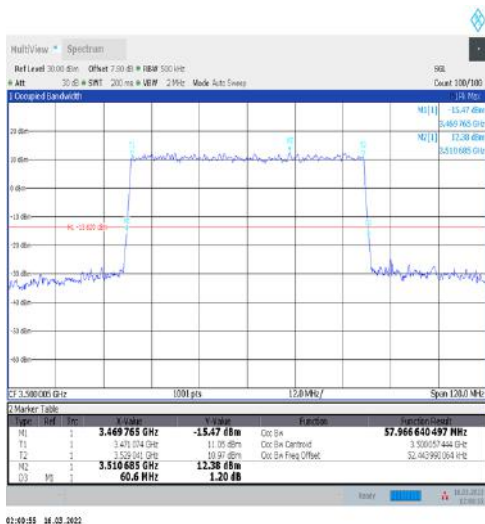
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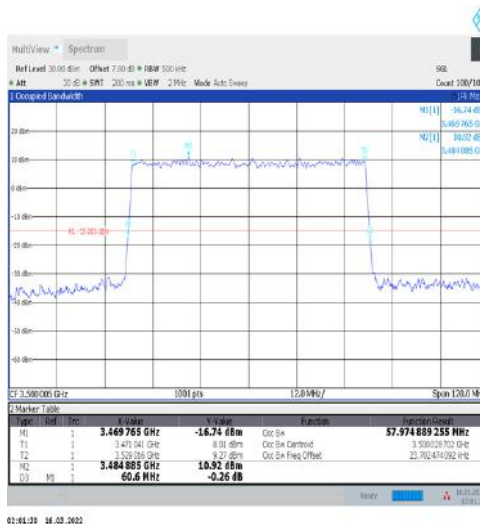
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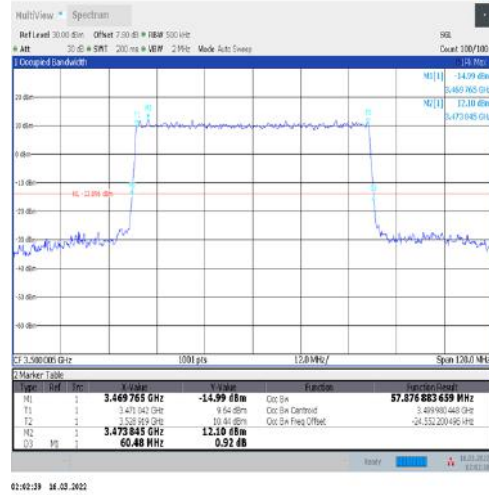
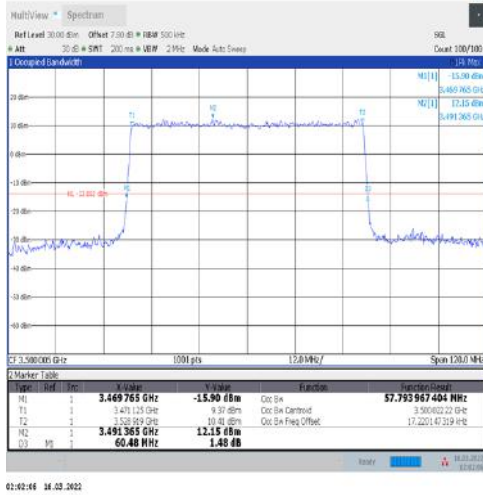
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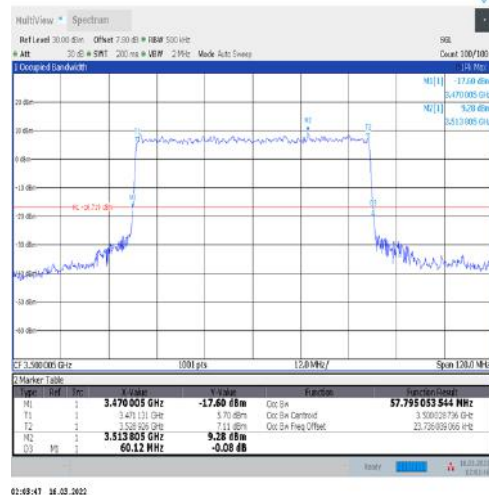
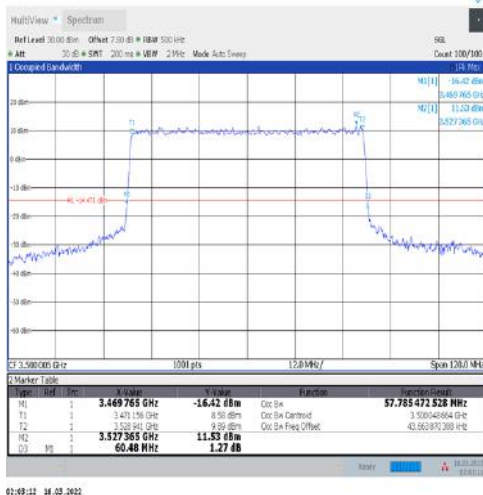
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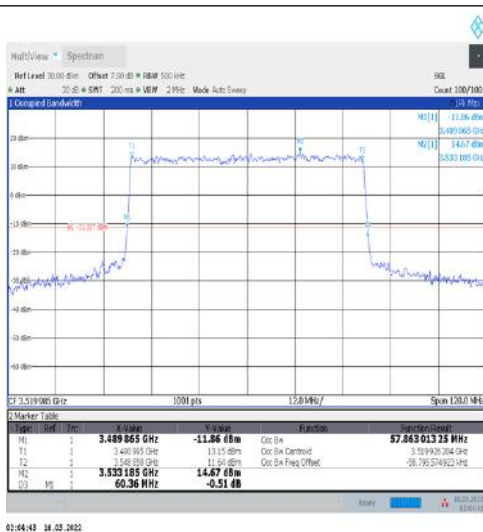
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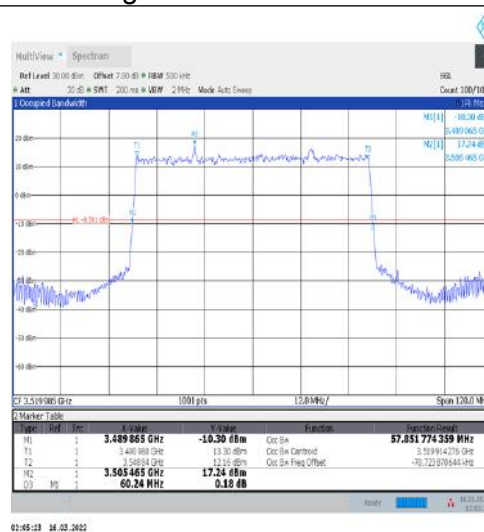
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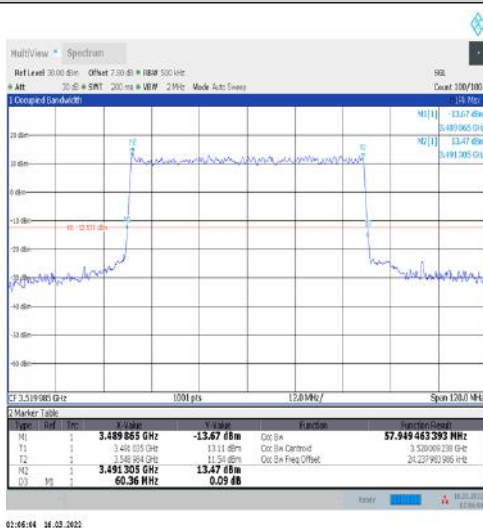
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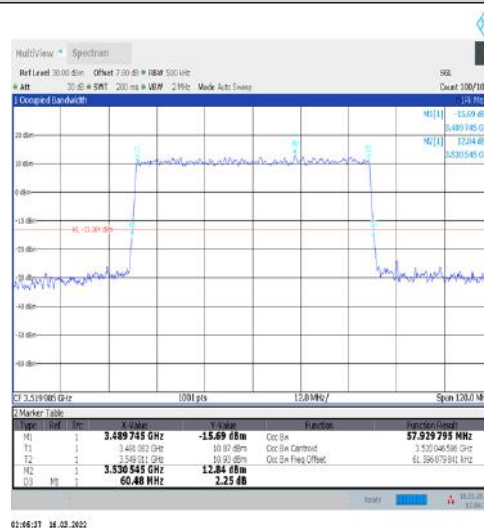
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1-N77-3450-3550-30-60-H-4-DFT-64QAM-Outer\_Full-162@0-Ant1-57.93-60.480-≤60-PASS



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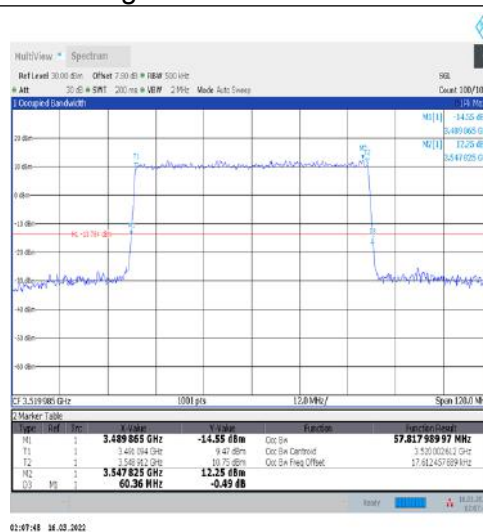
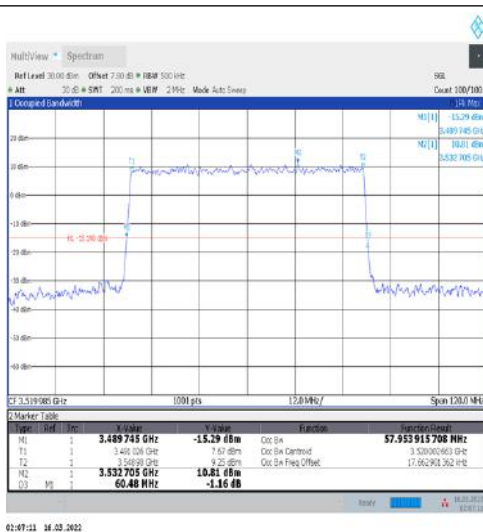
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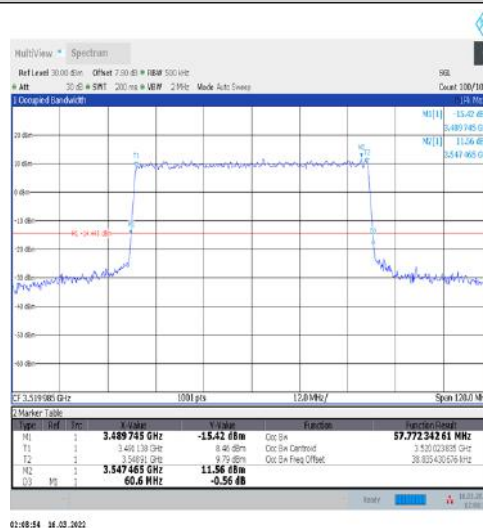
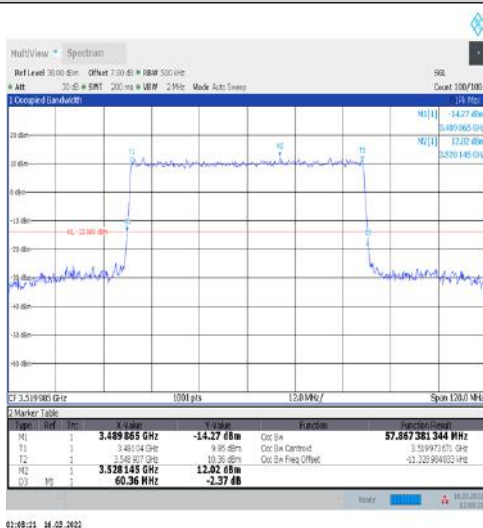
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1-N77-3450-3550-30-60-H-8-CP-64QAM-Outer\_Full-162@0-Ant1-57.772-60.600-≤60-PASS



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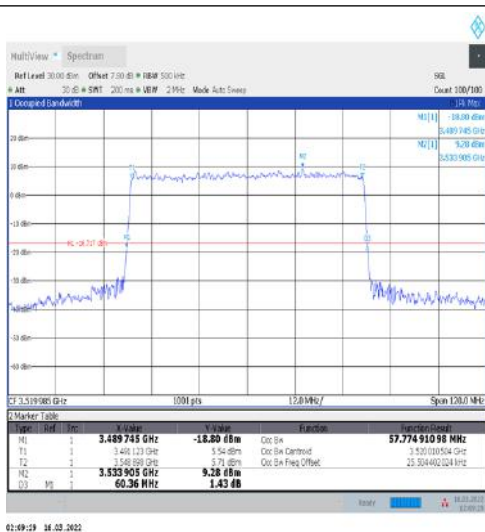
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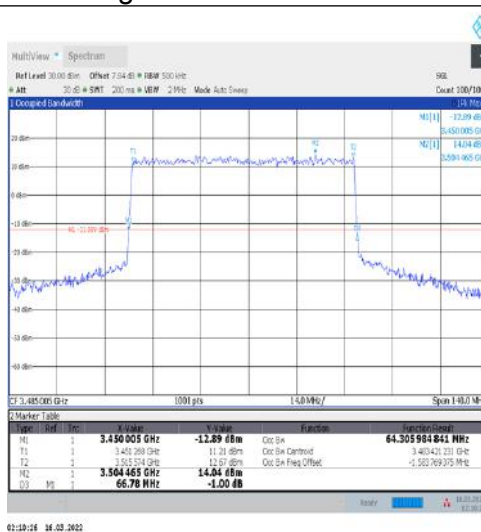
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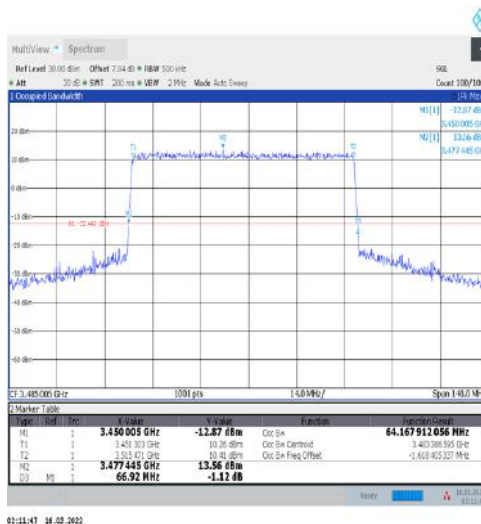
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1-N77-3450-3550-30-70-L-3-DFT-16QAM-Outer\_Full-180@0-Ant1-64.168-66.920-≤70-PASS



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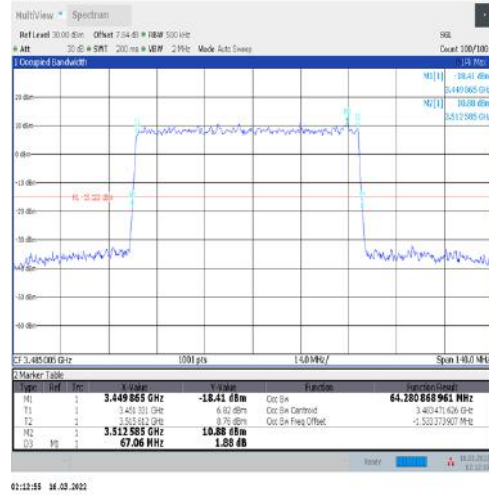
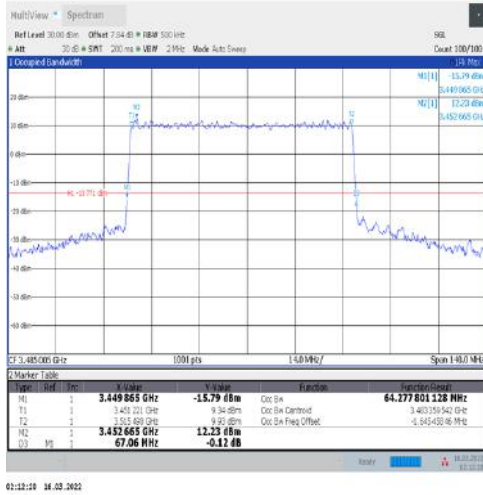
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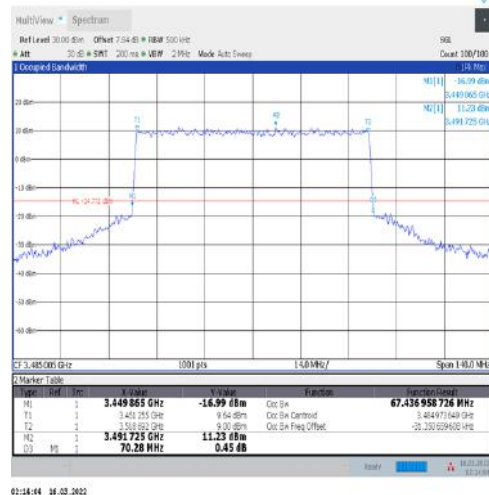
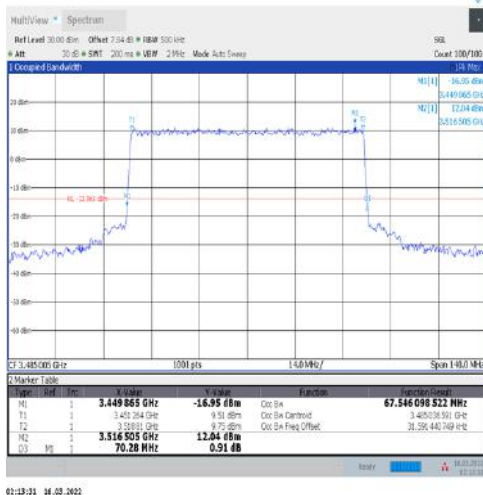
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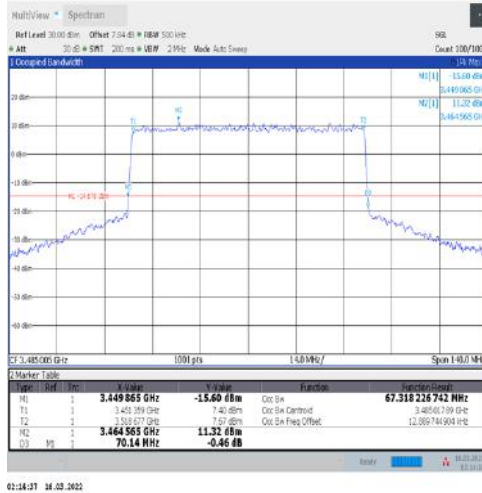
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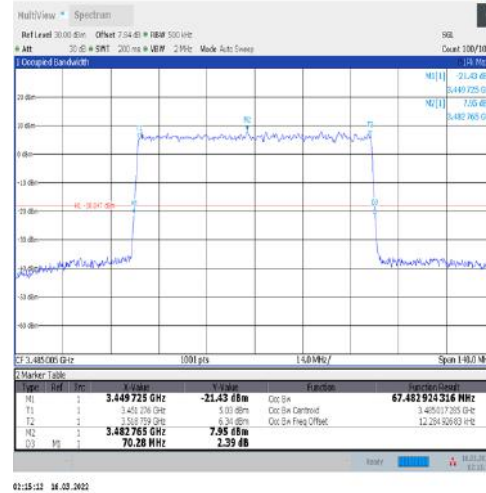
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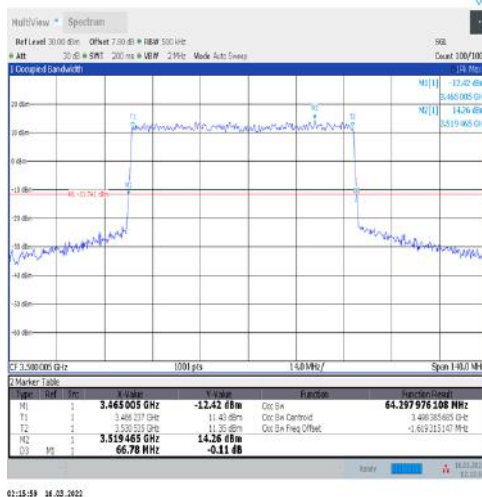
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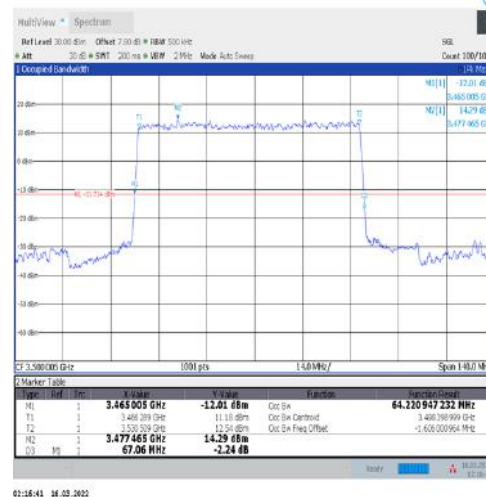
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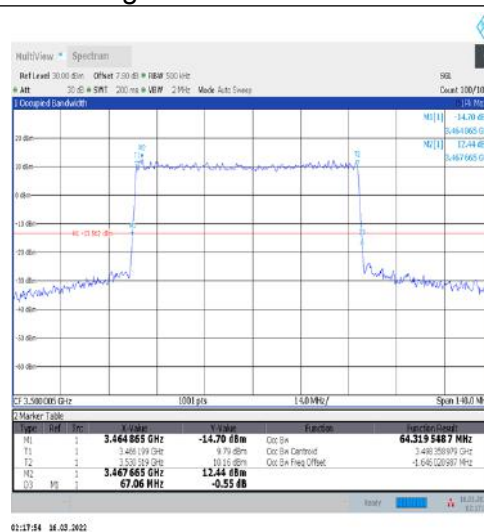
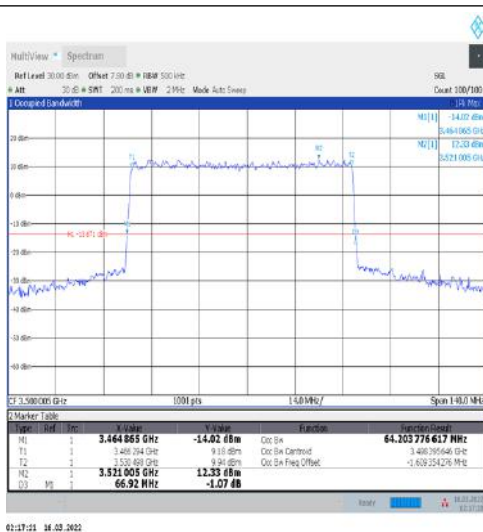
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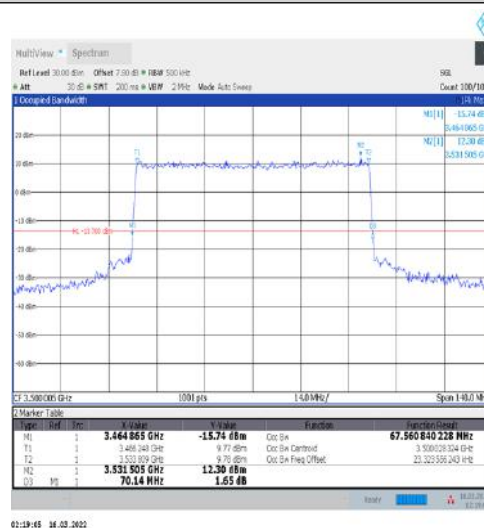
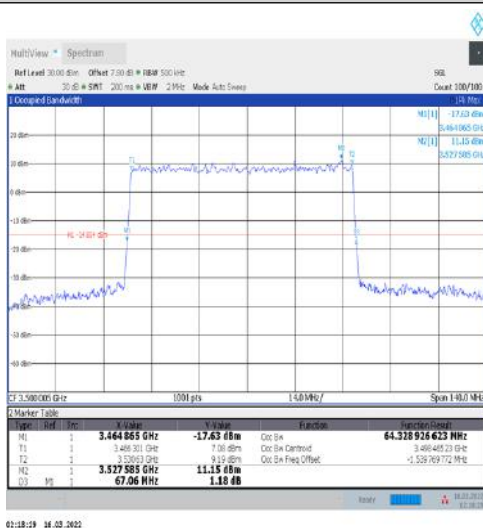
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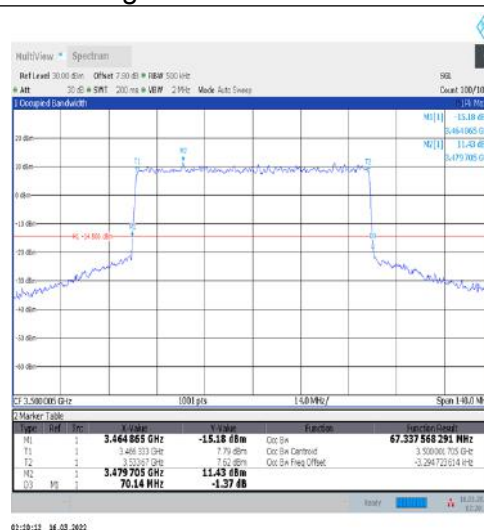
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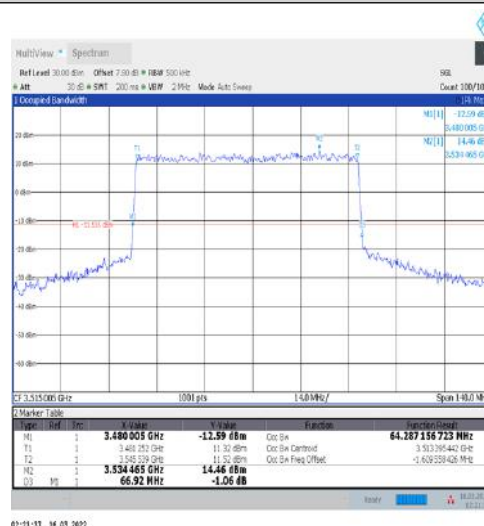
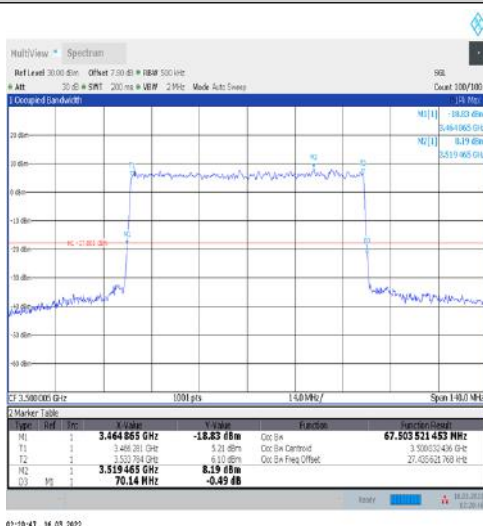
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1-N77-3450-3550-30-70-M-9-CP-256QAM-Outer\_Full-189@0-Ant1-67.504-70.140-≤70-PASS

1-N77-3450-3550-30-70-H-1-DFT-QPSK-Outer\_Full-180@0-Ant1-64.287-66.920-≤70-PASS



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