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# Appendix B.14

## NR Band n77(3700-3980)



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

### Test Result

#### Ant4:

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power<br>(dBm) | EIRP<br>(dBm) | LIMIT | Verdict |
|---------------|-----|-----------|-------------|---------|-----------------|----------------|---------------|-------|---------|
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | L       | Inner_1RB_Left  | 24.58          | 27.18         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | L       | Inner_1RB_Right | 24.54          | 27.14         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | L       | Outer_Full      | 24.15          | 26.75         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | L       | Inner_1RB_Left  | 24.47          | 27.07         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | L       | Inner_1RB_Right | 24.61          | 27.21         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | L       | Outer_Full      | 23.65          | 26.25         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | L       | Inner_1RB_Left  | 23.62          | 26.22         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | L       | Inner_1RB_Right | 23.53          | 26.13         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | L       | Outer_Full      | 22.65          | 25.25         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | L       | Inner_1RB_Left  | 21.47          | 24.07         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | L       | Inner_1RB_Right | 21.67          | 24.27         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | L       | Outer_Full      | 22.09          | 24.69         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | L       | Inner_1RB_Left  | 20.01          | 22.61         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | L       | Inner_1RB_Right | 19.92          | 22.52         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | L       | Outer_Full      | 20.03          | 22.63         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | M       | Inner_1RB_Left  | 24.25          | 26.85         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | M       | Inner_1RB_Right | 24.06          | 26.66         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full      | 23.75          | 26.35         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | M       | Inner_1RB_Left  | 24.14          | 26.74         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | M       | Inner_1RB_Right | 24.03          | 26.63         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | M       | Outer_Full      | 23.3           | 25.9          | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | M       | Inner_1RB_Left  | 23.2           | 25.8          | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | M       | Inner_1RB_Right | 23.19          | 25.79         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | M       | Outer_Full      | 22.26          | 24.86         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | M       | Inner_1RB_Left  | 21.15          | 23.75         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | M       | Inner_1RB_Right | 21.15          | 23.75         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | M       | Outer_Full      | 21.74          | 24.34         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | M       | Inner_1RB_Left  | 19.56          | 22.16         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | M       | Inner_1RB_Right | 19.54          | 22.14         | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | M       | Outer_Full      | 19.62          | 22.22         | 30    | PASS    |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.94 | 26.54 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.92 | 26.52 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-PI2BPSK | H | Outer_Full      | 23.54 | 26.14 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 23.95 | 26.55 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 23.83 | 26.43 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-QPSK    | H | Outer_Full      | 23.05 | 25.65 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 23    | 25.6  | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 23.08 | 25.68 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-16QAM   | H | Outer_Full      | 22.01 | 24.61 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 21.12 | 23.72 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 20.88 | 23.48 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-64QAM   | H | Outer_Full      | 21.53 | 24.13 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 19.31 | 21.91 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 19.38 | 21.98 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-256QAM  | H | Outer_Full      | 19.4  | 22    | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.68 | 27.28 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.68 | 27.28 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | L | Outer_Full      | 24.03 | 26.63 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 24.56 | 27.16 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 24.54 | 27.14 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | L | Outer_Full      | 23.57 | 26.17 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 23.59 | 26.19 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 23.75 | 26.35 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | L | Outer_Full      | 22.57 | 25.17 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 21.46 | 24.06 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 21.75 | 24.35 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | L | Outer_Full      | 22.02 | 24.62 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 19.86 | 22.46 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 19.98 | 22.58 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | L | Outer_Full      | 20.06 | 22.66 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.33 | 26.93 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.18 | 26.78 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full      | 23.86 | 26.46 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 24.22 | 26.82 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 24.11 | 26.71 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | M | Outer_Full      | 23.33 | 25.93 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 23.25 | 25.85 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 23.26 | 25.86 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | M | Outer_Full      | 22.24 | 24.84 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 21.38 | 23.98 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 21.28 | 23.88 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | M | Outer_Full      | 21.71 | 24.31 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | M | Inner_1RB_Left  | 19.75 | 22.35 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | M | Inner_1RB_Right | 19.51 | 22.11 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | M | Outer_Full      | 19.7  | 22.3  | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.98 | 26.58 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.9  | 26.5  | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full      | 23.51 | 26.11 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | H | Inner_1RB_Left  | 23.95 | 26.55 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | H | Inner_1RB_Right | 23.98 | 26.58 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | H | Outer_Full      | 23.02 | 25.62 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | H | Inner_1RB_Left  | 23.06 | 25.66 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | H | Inner_1RB_Right | 23.01 | 25.61 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | H | Outer_Full      | 21.97 | 24.57 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | H | Inner_1RB_Left  | 21.12 | 23.72 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | H | Inner_1RB_Right | 20.83 | 23.43 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | H | Outer_Full      | 21.44 | 24.04 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | H | Inner_1RB_Left  | 19.3  | 21.9  | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | H | Inner_1RB_Right | 19.43 | 22.03 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | H | Outer_Full      | 19.49 | 22.09 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.61 | 27.21 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.57 | 27.17 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full      | 24.06 | 26.66 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 24.41 | 27.01 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 24.59 | 27.19 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | L | Outer_Full      | 23.55 | 26.15 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 23.55 | 26.15 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 23.66 | 26.26 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | L | Outer_Full      | 22.54 | 25.14 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 21.59 | 24.19 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 21.71 | 24.31 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | L | Outer_Full      | 22.1  | 24.7  | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 19.91 | 22.51 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 19.92 | 22.52 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | L | Outer_Full      | 20.03 | 22.63 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.33 | 26.93 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.04 | 26.64 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full      | 23.87 | 26.47 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 24.24 | 26.84 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 24    | 26.6  | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | M | Outer_Full      | 23.34 | 25.94 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 23.24 | 25.84 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 23.17 | 25.77 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | M | Outer_Full      | 22.29 | 24.89 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 21.19 | 23.79 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 21.18 | 23.78 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | M | Outer_Full      | 21.73 | 24.33 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 19.67 | 22.27 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 19.4  | 22    | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | M | Outer_Full      | 19.79 | 22.39 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.92 | 26.52 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.96 | 26.56 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full      | 23.55 | 26.15 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 23.92 | 26.52 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 23.93 | 26.53 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | H | Outer_Full      | 23.04 | 25.64 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 23.09 | 25.69 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 23.11 | 25.71 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | H | Outer_Full      | 22.02 | 24.62 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 21.08 | 23.68 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 20.89 | 23.49 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | H | Outer_Full      | 21.56 | 24.16 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 19.39 | 21.99 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 19.28 | 21.88 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | H | Outer_Full      | 19.52 | 22.12 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.72 | 27.32 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.69 | 27.29 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full      | 24.18 | 26.78 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Left  | 24.67 | 27.27 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Right | 24.65 | 27.25 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | L | Outer_Full      | 23.61 | 26.21 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Left  | 23.38 | 25.98 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Right | 23.64 | 26.24 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | L | Outer_Full      | 22.58 | 25.18 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Left  | 21.82 | 24.42 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Right | 21.54 | 24.14 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | L | Outer_Full      | 22.14 | 24.74 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Left  | 20.04 | 22.64 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Right | 19.98 | 22.58 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | L | Outer_Full      | 20.11 | 22.71 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.43 | 27.03 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.06 | 26.66 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full      | 23.81 | 26.41 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Left  | 24.33 | 26.93 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Right | 23.96 | 26.56 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | M | Outer_Full      | 23.27 | 25.87 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Left  | 23.51 | 26.11 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Right | 23.09 | 25.69 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | M | Outer_Full      | 22.22 | 24.82 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Left  | 21.37 | 23.97 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Right | 20.96 | 23.56 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | M | Outer_Full      | 21.82 | 24.42 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Left  | 19.88 | 22.48 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Right | 19.35 | 21.95 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | M | Outer_Full      | 19.78 | 22.38 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.93 | 26.53 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.19 | 26.79 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full      | 23.63 | 26.23 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Left  | 23.87 | 26.47 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Right | 24.15 | 26.75 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | H | Outer_Full      | 23.12 | 25.72 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Left  | 23.03 | 25.63 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Right | 23.3  | 25.9  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | H | Outer_Full      | 22.04 | 24.64 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | H | Inner_1RB_Left  | 20.83 | 23.43 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | H | Inner_1RB_Right | 21.36 | 23.96 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | H | Outer_Full      | 21.53 | 24.13 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | H | Inner_1RB_Left  | 19.36 | 21.96 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | H | Inner_1RB_Right | 19.6  | 22.2  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | H | Outer_Full      | 19.62 | 22.22 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.55 | 27.15 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.49 | 27.09 | 30 | PASS |



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|               |    |    |             |   |                 |       |       |    |      |
|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full      | 24.11 | 26.71 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | L | Inner_1RB_Left  | 24.52 | 27.12 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | L | Inner_1RB_Right | 24.44 | 27.04 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | L | Outer_Full      | 23.58 | 26.18 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | L | Inner_1RB_Left  | 23.24 | 25.84 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | L | Inner_1RB_Right | 23.63 | 26.23 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | L | Outer_Full      | 22.54 | 25.14 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | L | Inner_1RB_Left  | 21.5  | 24.1  | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | L | Inner_1RB_Right | 21.63 | 24.23 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | L | Outer_Full      | 22.08 | 24.68 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | L | Inner_1RB_Left  | 20.01 | 22.61 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | L | Inner_1RB_Right | 19.88 | 22.48 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | L | Outer_Full      | 20.07 | 22.67 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.17 | 26.77 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.75 | 26.35 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full      | 23.62 | 26.22 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | M | Inner_1RB_Left  | 24.17 | 26.77 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | M | Inner_1RB_Right | 23.78 | 26.38 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | M | Outer_Full      | 23.1  | 25.7  | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | M | Inner_1RB_Left  | 23.21 | 25.81 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | M | Inner_1RB_Right | 22.9  | 25.5  | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | M | Outer_Full      | 22.02 | 24.62 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | M | Inner_1RB_Left  | 21.17 | 23.77 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | M | Inner_1RB_Right | 20.7  | 23.3  | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | M | Outer_Full      | 21.58 | 24.18 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | M | Inner_1RB_Left  | 19.47 | 22.07 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | M | Inner_1RB_Right | 19.09 | 21.69 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | M | Outer_Full      | 19.59 | 22.19 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.79 | 26.39 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.85 | 26.45 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full      | 23.35 | 25.95 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | H | Inner_1RB_Left  | 23.74 | 26.34 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | H | Inner_1RB_Right | 23.82 | 26.42 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | H | Outer_Full      | 22.82 | 25.42 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | H | Inner_1RB_Left  | 22.88 | 25.48 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | H | Inner_1RB_Right | 23.08 | 25.68 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | H | Outer_Full      | 21.76 | 24.36 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | H | Inner_1RB_Left  | 20.87 | 23.47 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | H | Inner_1RB_Right | 21.01 | 23.61 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | H | Outer_Full      | 21.27 | 23.87 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | H | Inner_1RB_Left  | 19.17 | 21.77 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | H | Inner_1RB_Right | 19.23 | 21.83 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | H | Outer_Full      | 19.31 | 21.91 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.44 | 27.04 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.39 | 26.99 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full      | 24    | 26.6  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | L | Inner_1RB_Left  | 24.4  | 27    | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | L | Inner_1RB_Right | 24.35 | 26.95 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | L | Outer_Full      | 23.51 | 26.11 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | L | Inner_1RB_Left  | 23.54 | 26.14 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | L | Inner_1RB_Right | 23.51 | 26.11 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | L | Outer_Full      | 22.47 | 25.07 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | L | Inner_1RB_Left  | 21.4  | 24    | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | L | Inner_1RB_Right | 21.33 | 23.93 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | L | Outer_Full      | 22.1  | 24.7  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | L | Inner_1RB_Left  | 19.85 | 22.45 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | L | Inner_1RB_Right | 19.81 | 22.41 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | L | Outer_Full      | 20    | 22.6  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.13 | 26.73 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.76 | 26.36 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full      | 23.57 | 26.17 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | M | Inner_1RB_Left  | 24.12 | 26.72 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | M | Inner_1RB_Right | 23.63 | 26.23 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | M | Outer_Full      | 23.11 | 25.71 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | M | Inner_1RB_Left  | 23.27 | 25.87 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | M | Inner_1RB_Right | 22.83 | 25.43 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | M | Outer_Full      | 22    | 24.6  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | M | Inner_1RB_Left  | 21.06 | 23.66 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | M | Inner_1RB_Right | 20.66 | 23.26 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | M | Outer_Full      | 21.6  | 24.2  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | M | Inner_1RB_Left  | 19.56 | 22.16 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | M | Inner_1RB_Right | 19.09 | 21.69 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | M | Outer_Full      | 19.55 | 22.15 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.01 | 26.61 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.89 | 26.49 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full      | 23.43 | 26.03 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | H | Inner_1RB_Left  | 23.99 | 26.59 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | H | Inner_1RB_Right | 23.82 | 26.42 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | H | Outer_Full      | 22.9  | 25.5  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | H | Inner_1RB_Left  | 23.09 | 25.69 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | H | Inner_1RB_Right | 22.99 | 25.59 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | H | Outer_Full      | 21.86 | 24.46 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | H | Inner_1RB_Left  | 20.9  | 23.5  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | H | Inner_1RB_Right | 20.89 | 23.49 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | H | Outer_Full      | 21.44 | 24.04 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | H | Inner_1RB_Left  | 19.42 | 22.02 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | H | Inner_1RB_Right | 19.25 | 21.85 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | H | Outer_Full      | 19.38 | 21.98 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.44 | 27.04 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.36 | 26.96 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full      | 24.05 | 26.65 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | L | Inner_1RB_Left  | 24.43 | 27.03 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | L | Inner_1RB_Right | 24.26 | 26.86 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | L | Outer_Full      | 23.49 | 26.09 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | L | Inner_1RB_Left  | 23.47 | 26.07 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | L | Inner_1RB_Right | 23.38 | 25.98 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | L | Outer_Full      | 22.52 | 25.12 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | L | Inner_1RB_Left  | 21.36 | 23.96 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | L | Inner_1RB_Right | 21.31 | 23.91 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | L | Outer_Full      | 22.03 | 24.63 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | L | Inner_1RB_Left  | 19.82 | 22.42 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | L | Inner_1RB_Right | 19.78 | 22.38 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | L | Outer_Full      | 20.09 | 22.69 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.99 | 26.59 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.55 | 26.15 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full      | 23.47 | 26.07 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | M | Inner_1RB_Left  | 23.95 | 26.55 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | M | Inner_1RB_Right | 23.54 | 26.14 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | M | Outer_Full      | 22.94 | 25.54 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | M | Inner_1RB_Left  | 23.07 | 25.67 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | M | Inner_1RB_Right | 22.71 | 25.31 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | M | Outer_Full      | 21.89 | 24.49 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | M | Inner_1RB_Left  | 21.02 | 23.62 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | M | Inner_1RB_Right | 20.46 | 23.06 | 30 | PASS |



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|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | M | Outer_Full      | 21.5  | 24.1  | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | M | Inner_1RB_Left  | 19.38 | 21.98 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | M | Inner_1RB_Right | 18.99 | 21.59 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | M | Outer_Full      | 19.46 | 22.06 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.86 | 26.46 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.79 | 26.39 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full      | 23.26 | 25.86 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | H | Inner_1RB_Left  | 23.87 | 26.47 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | H | Inner_1RB_Right | 23.79 | 26.39 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | H | Outer_Full      | 22.73 | 25.33 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | H | Inner_1RB_Left  | 22.95 | 25.55 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | H | Inner_1RB_Right | 22.83 | 25.43 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | H | Outer_Full      | 21.72 | 24.32 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | H | Inner_1RB_Left  | 20.83 | 23.43 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | H | Inner_1RB_Right | 20.8  | 23.4  | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | H | Outer_Full      | 21.24 | 23.84 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | H | Inner_1RB_Left  | 19.33 | 21.93 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | H | Inner_1RB_Right | 19.12 | 21.72 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | H | Outer_Full      | 19.24 | 21.84 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.39 | 26.99 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.14 | 26.74 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full      | 23.95 | 26.55 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | L | Inner_1RB_Left  | 24.4  | 27    | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | L | Inner_1RB_Right | 24.13 | 26.73 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | L | Outer_Full      | 23.43 | 26.03 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | L | Inner_1RB_Left  | 23.4  | 26    | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | L | Inner_1RB_Right | 23.3  | 25.9  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | L | Outer_Full      | 22.42 | 25.02 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | L | Inner_1RB_Left  | 21.28 | 23.88 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | L | Inner_1RB_Right | 21.12 | 23.72 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | L | Outer_Full      | 22    | 24.6  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | L | Inner_1RB_Left  | 19.78 | 22.38 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | L | Inner_1RB_Right | 19.58 | 22.18 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | L | Outer_Full      | 19.96 | 22.56 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.87 | 26.47 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.44 | 26.04 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full      | 23.43 | 26.03 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | M | Inner_1RB_Left  | 23.84 | 26.44 | 30 | PASS |



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|               |    |    |             |   |                 |       |       |    |      |
|---------------|----|----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | M | Inner_1RB_Right | 23.41 | 26.01 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | M | Outer_Full      | 22.88 | 25.48 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | M | Inner_1RB_Left  | 22.84 | 25.44 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | M | Inner_1RB_Right | 22.64 | 25.24 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | M | Outer_Full      | 21.87 | 24.47 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | M | Inner_1RB_Left  | 20.86 | 23.46 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | M | Inner_1RB_Right | 20.49 | 23.09 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | M | Outer_Full      | 21.42 | 24.02 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | M | Inner_1RB_Left  | 19.22 | 21.82 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | M | Inner_1RB_Right | 18.82 | 21.42 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | M | Outer_Full      | 19.4  | 22    | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.66 | 26.26 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.7  | 26.3  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | H | Outer_Full      | 23.22 | 25.82 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | H | Inner_1RB_Left  | 23.53 | 26.13 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | H | Inner_1RB_Right | 23.62 | 26.22 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | H | Outer_Full      | 22.72 | 25.32 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | H | Inner_1RB_Left  | 22.7  | 25.3  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | H | Inner_1RB_Right | 22.77 | 25.37 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | H | Outer_Full      | 21.68 | 24.28 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | H | Inner_1RB_Left  | 20.63 | 23.23 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | H | Inner_1RB_Right | 20.8  | 23.4  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | H | Outer_Full      | 21.19 | 23.79 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | H | Inner_1RB_Left  | 19.01 | 21.61 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | H | Inner_1RB_Right | 19.2  | 21.8  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | H | Outer_Full      | 19.19 | 21.79 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.39 | 26.99 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.05 | 26.65 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | L | Outer_Full      | 23.97 | 26.57 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK    | L | Inner_1RB_Left  | 24.45 | 27.05 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK    | L | Inner_1RB_Right | 23.99 | 26.59 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK    | L | Outer_Full      | 23.42 | 26.02 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM   | L | Inner_1RB_Left  | 23.32 | 25.92 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM   | L | Inner_1RB_Right | 23.13 | 25.73 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM   | L | Outer_Full      | 22.43 | 25.03 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM   | L | Inner_1RB_Left  | 21.21 | 23.81 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM   | L | Inner_1RB_Right | 20.96 | 23.56 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM   | L | Outer_Full      | 21.32 | 23.92 | 30 | PASS |



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| N77-3700-3980 | 30 | 90  | DFT-256QAM  | L | Inner_1RB_Left  | 19.8  | 22.4  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | L | Inner_1RB_Right | 19.45 | 22.05 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | L | Outer_Full      | 19.94 | 22.54 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.73 | 26.33 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | M | Inner_1RB_Right | 23.48 | 26.08 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | M | Outer_Full      | 23.39 | 25.99 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | M | Inner_1RB_Left  | 23.7  | 26.3  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | M | Inner_1RB_Right | 23.47 | 26.07 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | M | Outer_Full      | 22.88 | 25.48 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | M | Inner_1RB_Left  | 22.82 | 25.42 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | M | Inner_1RB_Right | 22.61 | 25.21 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | M | Outer_Full      | 21.84 | 24.44 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | M | Inner_1RB_Left  | 20.79 | 23.39 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | M | Inner_1RB_Right | 20.61 | 23.21 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | M | Outer_Full      | 21.36 | 23.96 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | M | Inner_1RB_Left  | 19.1  | 21.7  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | M | Inner_1RB_Right | 18.92 | 21.52 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | M | Outer_Full      | 19.37 | 21.97 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.35 | 25.95 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | H | Inner_1RB_Right | 23.74 | 26.34 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | H | Outer_Full      | 23.17 | 25.77 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | H | Inner_1RB_Left  | 23.34 | 25.94 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | H | Inner_1RB_Right | 23.71 | 26.31 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | H | Outer_Full      | 22.68 | 25.28 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | H | Inner_1RB_Left  | 22.37 | 24.97 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | H | Inner_1RB_Right | 22.74 | 25.34 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | H | Outer_Full      | 21.64 | 24.24 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | H | Inner_1RB_Left  | 20.41 | 23.01 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | H | Inner_1RB_Right | 20.88 | 23.48 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | H | Outer_Full      | 21.18 | 23.78 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | H | Inner_1RB_Left  | 18.8  | 21.4  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | H | Inner_1RB_Right | 19.17 | 21.77 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | H | Outer_Full      | 19.17 | 21.77 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.23 | 26.83 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.98 | 26.58 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | L | Outer_Full      | 23.89 | 26.49 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | L | Inner_1RB_Left  | 24.29 | 26.89 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | L | Inner_1RB_Right | 23.89 | 26.49 | 30 | PASS |



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|               |    |     |             |   |                 |       |       |    |      |
|---------------|----|-----|-------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | L | Outer_Full      | 23.37 | 25.97 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | L | Inner_1RB_Left  | 23.37 | 25.97 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | L | Inner_1RB_Right | 23.03 | 25.63 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | L | Outer_Full      | 22.39 | 24.99 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | L | Inner_1RB_Left  | 21.29 | 23.89 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | L | Inner_1RB_Right | 20.95 | 23.55 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | L | Outer_Full      | 21.88 | 24.48 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | L | Inner_1RB_Left  | 19.67 | 22.27 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | L | Inner_1RB_Right | 19.39 | 21.99 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | L | Outer_Full      | 19.86 | 22.46 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.75 | 26.35 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.66 | 26.26 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full      | 23.38 | 25.98 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | M | Inner_1RB_Left  | 23.72 | 26.32 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | M | Inner_1RB_Right | 23.63 | 26.23 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | M | Outer_Full      | 22.86 | 25.46 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | M | Inner_1RB_Left  | 22.84 | 25.44 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | M | Inner_1RB_Right | 22.73 | 25.33 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | M | Outer_Full      | 21.85 | 24.45 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | M | Inner_1RB_Left  | 20.77 | 23.37 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | M | Inner_1RB_Right | 20.66 | 23.26 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | M | Outer_Full      | 21.37 | 23.97 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | M | Inner_1RB_Left  | 19.08 | 21.68 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | M | Inner_1RB_Right | 19.03 | 21.63 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | M | Outer_Full      | 19.42 | 22.02 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.16 | 25.76 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.79 | 26.39 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full      | 23.24 | 25.84 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | H | Inner_1RB_Left  | 23.12 | 25.72 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | H | Inner_1RB_Right | 23.74 | 26.34 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | H | Outer_Full      | 22.7  | 25.3  | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | H | Inner_1RB_Left  | 22.24 | 24.84 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | H | Inner_1RB_Right | 22.86 | 25.46 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | H | Outer_Full      | 21.67 | 24.27 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | H | Inner_1RB_Left  | 20.15 | 22.75 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | H | Inner_1RB_Right | 20.73 | 23.33 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | H | Outer_Full      | 21.15 | 23.75 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | H | Inner_1RB_Left  | 18.6  | 21.2  | 30 | PASS |



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|               |    |     |            |   |                 |       |       |    |      |
|---------------|----|-----|------------|---|-----------------|-------|-------|----|------|
| N77-3700-3980 | 30 | 100 | DFT-256QAM | H | Inner_1RB_Right | 19.18 | 21.78 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM | H | Outer_Full      | 19.14 | 21.74 | 30 | PASS |

## ULMIMO Test Result

| Band          | SCS | Bandwidth | Modulation | Channel | RB Config       | Power Ant1 | Power Ant2 | Total Power | EIRP  | limit | Verdict |
|---------------|-----|-----------|------------|---------|-----------------|------------|------------|-------------|-------|-------|---------|
| N77-3700-3980 | 30  | 10        | CP-QPSK    | L       | Inner_1RB_Left  | 20.04      | 19.63      | 22.85       | 25.45 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | L       | Inner_1RB_Right | 20.01      | 19.65      | 22.84       | 25.44 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | L       | Outer_Full      | 18.58      | 18.11      | 21.36       | 23.96 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | L       | Inner_1RB_Left  | 19.36      | 18.9       | 22.15       | 24.75 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | L       | Inner_1RB_Right | 19.35      | 18.75      | 22.07       | 24.67 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | L       | Outer_Full      | 18.5       | 18         | 21.27       | 23.87 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM   | L       | Inner_1RB_Left  | 18         | 16.65      | 20.39       | 22.99 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM   | L       | Inner_1RB_Right | 18.05      | 17         | 20.57       | 23.17 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM   | L       | Outer_Full      | 18.09      | 17.52      | 20.82       | 23.42 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM  | L       | Inner_1RB_Left  | 15.12      | 14.52      | 17.84       | 20.44 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM  | L       | Inner_1RB_Right | 15.21      | 14.47      | 17.87       | 20.47 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM  | L       | Outer_Full      | 15.15      | 14.32      | 17.77       | 20.37 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | M       | Inner_1RB_Left  | 19.67      | 18.67      | 22.21       | 24.81 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | M       | Inner_1RB_Right | 19.55      | 19.14      | 22.36       | 24.96 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | M       | Outer_Full      | 18.22      | 17.36      | 20.82       | 23.42 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | M       | Inner_1RB_Left  | 19.06      | 18.18      | 21.65       | 24.25 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | M       | Inner_1RB_Right | 18.99      | 18.49      | 21.76       | 24.36 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | M       | Outer_Full      | 18.19      | 17.34      | 20.80       | 23.4  | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM   | M       | Inner_1RB_Left  | 17.75      | 16.29      | 20.09       | 22.69 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM   | M       | Inner_1RB_Right | 16.66      | 16.66      | 19.67       | 22.27 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM   | M       | Outer_Full      | 17.72      | 16.85      | 20.32       | 22.92 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM  | M       | Inner_1RB_Left  | 15.42      | 15.42      | 18.43       | 21.03 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM  | M       | Inner_1RB_Right | 15.32      | 15.32      | 18.33       | 20.93 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM  | M       | Outer_Full      | 15.25      | 15.25      | 18.26       | 20.86 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | H       | Inner_1RB_Left  | 19.37      | 19.46      | 22.43       | 25.03 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | H       | Inner_1RB_Right | 19.43      | 19.51      | 22.48       | 25.08 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK    | H       | Outer_Full      | 18         | 17.8       | 20.91       | 23.51 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | H       | Inner_1RB_Left  | 18.82      | 18.79      | 21.82       | 24.42 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | H       | Inner_1RB_Right | 18.73      | 18.74      | 21.75       | 24.35 | 30    | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM   | H       | Outer_Full      | 17.99      | 17.82      | 20.92       | 23.52 | 30    | PASS    |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 10 | CP-64QAM  | H | Inner_1RB_Left  | 17.47 | 13.86 | 19.04 | 21.64 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | CP-64QAM  | H | Inner_1RB_Right | 17.49 | 17.01 | 20.27 | 22.87 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | CP-64QAM  | H | Outer_Full      | 17.51 | 17.35 | 20.44 | 23.04 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | CP-256QAM | H | Inner_1RB_Left  | 14.67 | 14.28 | 17.49 | 20.09 | 30 | PASS |
| N77-3700-3980 | 30 | 10 | CP-256QAM | H | Inner_1RB_Right | 14.7  | 14.47 | 17.60 | 20.2  | 30 | PASS |
| N77-3700-3980 | 30 | 10 | CP-256QAM | H | Outer_Full      | 14.71 | 14.44 | 17.59 | 20.19 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | L | Inner_1RB_Left  | 20.1  | 19.5  | 22.82 | 25.42 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | L | Inner_1RB_Right | 20.23 | 19.32 | 22.81 | 25.41 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | L | Outer_Full      | 18.71 | 18.02 | 21.39 | 23.99 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | L | Inner_1RB_Left  | 19.61 | 19.13 | 22.39 | 24.99 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | L | Inner_1RB_Right | 19.5  | 18.6  | 22.08 | 24.68 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | L | Outer_Full      | 18.75 | 18.09 | 21.44 | 24.04 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | L | Inner_1RB_Left  | 15.32 | 15.25 | 18.30 | 20.9  | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | L | Inner_1RB_Right | 18.23 | 16.83 | 20.60 | 23.2  | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | L | Outer_Full      | 18.21 | 17.63 | 20.94 | 23.54 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | L | Inner_1RB_Left  | 15.24 | 14.68 | 17.98 | 20.58 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | L | Inner_1RB_Right | 15.22 | 14.39 | 17.84 | 20.44 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | L | Outer_Full      | 14.71 | 14.25 | 17.50 | 20.1  | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | M | Inner_1RB_Left  | 19.85 | 18.97 | 22.44 | 25.04 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | M | Inner_1RB_Right | 19.71 | 19.51 | 22.62 | 25.22 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | M | Outer_Full      | 18.41 | 17.56 | 21.02 | 23.62 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | M | Inner_1RB_Left  | 19.22 | 18.34 | 21.81 | 24.41 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | M | Inner_1RB_Right | 18.97 | 18.82 | 21.91 | 24.51 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | M | Outer_Full      | 18.43 | 17.56 | 21.03 | 23.63 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | M | Inner_1RB_Left  | 17.92 | 16.33 | 20.21 | 22.81 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | M | Inner_1RB_Right | 17.7  | 17    | 20.37 | 22.97 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | M | Outer_Full      | 17.93 | 17.09 | 20.54 | 23.14 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | M | Inner_1RB_Left  | 15.08 | 13.76 | 17.48 | 20.08 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | M | Inner_1RB_Right | 14.81 | 14.41 | 17.62 | 20.22 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | M | Outer_Full      | 14.93 | 14.13 | 17.56 | 20.16 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | H | Inner_1RB_Left  | 19.49 | 19.58 | 22.55 | 25.15 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | H | Inner_1RB_Right | 19.83 | 19.43 | 22.64 | 25.24 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK   | H | Outer_Full      | 18.15 | 17.91 | 21.04 | 23.64 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | H | Inner_1RB_Left  | 18.9  | 18.74 | 21.83 | 24.43 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | H | Inner_1RB_Right | 18.85 | 18.95 | 21.91 | 24.51 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM  | H | Outer_Full      | 18.12 | 17.91 | 21.03 | 23.63 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | H | Inner_1RB_Left  | 17.61 | 16.99 | 20.32 | 22.92 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM  | H | Inner_1RB_Right | 17.59 | 17.11 | 20.37 | 22.97 | 30 | PASS |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 15 | CP-64QAM  | H | Outer_Full      | 17.63 | 17.49 | 20.57 | 23.17 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | H | Inner_1RB_Left  | 14.67 | 14.33 | 17.51 | 20.11 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | H | Inner_1RB_Right | 14.62 | 14.58 | 17.61 | 20.21 | 30 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM | H | Outer_Full      | 14.59 | 14.53 | 17.57 | 20.17 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | L | Inner_1RB_Left  | 16.58 | 15.33 | 19.01 | 21.61 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | L | Inner_1RB_Right | 20.11 | 19.33 | 22.75 | 25.35 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | L | Outer_Full      | 18.67 | 17.85 | 21.29 | 23.89 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | L | Inner_1RB_Left  | 19.52 | 19.01 | 22.28 | 24.88 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | L | Inner_1RB_Right | 19.63 | 18.46 | 22.09 | 24.69 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | L | Outer_Full      | 18.66 | 17.84 | 21.28 | 23.88 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | L | Inner_1RB_Left  | 18.04 | 17.15 | 20.63 | 23.23 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | L | Inner_1RB_Right | 18.13 | 16.7  | 20.48 | 23.08 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | L | Outer_Full      | 18.25 | 17.46 | 20.88 | 23.48 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | L | Inner_1RB_Left  | 15.25 | 14.59 | 17.94 | 20.54 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | L | Inner_1RB_Right | 15.25 | 14.13 | 17.74 | 20.34 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | L | Outer_Full      | 15.16 | 14.55 | 17.88 | 20.48 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | M | Inner_1RB_Left  | 19.83 | 18.83 | 22.37 | 24.97 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | M | Inner_1RB_Right | 19.54 | 19.68 | 22.62 | 25.22 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | M | Outer_Full      | 18.34 | 17.57 | 20.98 | 23.58 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | M | Inner_1RB_Left  | 19.15 | 18.28 | 21.75 | 24.35 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | M | Inner_1RB_Right | 18.91 | 18.79 | 21.86 | 24.46 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | M | Outer_Full      | 18.33 | 17.57 | 20.98 | 23.58 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | M | Inner_1RB_Left  | 17.89 | 16.36 | 20.20 | 22.8  | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | M | Inner_1RB_Right | 17.56 | 17.09 | 20.34 | 22.94 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | M | Outer_Full      | 17.91 | 17.17 | 20.57 | 23.17 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | M | Inner_1RB_Left  | 15.04 | 13.86 | 17.50 | 20.1  | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | M | Inner_1RB_Right | 14.78 | 14.52 | 17.66 | 20.26 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | M | Outer_Full      | 14.92 | 14.16 | 17.57 | 20.17 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | H | Inner_1RB_Left  | 19.55 | 19.71 | 22.64 | 25.24 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | H | Inner_1RB_Right | 19.65 | 19.71 | 22.69 | 25.29 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK   | H | Outer_Full      | 18.16 | 18    | 21.09 | 23.69 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | H | Inner_1RB_Left  | 18.8  | 19.04 | 21.93 | 24.53 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | H | Inner_1RB_Right | 18.94 | 18.89 | 21.93 | 24.53 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM  | H | Outer_Full      | 18.12 | 17.99 | 21.07 | 23.67 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | H | Inner_1RB_Left  | 17.63 | 17.16 | 20.41 | 23.01 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | H | Inner_1RB_Right | 17.58 | 17.09 | 20.35 | 22.95 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM  | H | Outer_Full      | 17.66 | 17.58 | 20.63 | 23.23 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | H | Inner_1RB_Left  | 15.32 | 15.34 | 18.34 | 20.94 | 30 | PASS |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 20 | CP-256QAM | H | Inner_1RB_Right | 15.41 | 15.23 | 18.33 | 20.93 | 30 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM | H | Outer_Full      | 15.32 | 15.24 | 18.29 | 20.89 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | L | Inner_1RB_Left  | 20.35 | 19.65 | 23.02 | 25.62 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | L | Inner_1RB_Right | 20.27 | 19.84 | 23.07 | 25.67 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | L | Outer_Full      | 18.73 | 17.98 | 21.38 | 23.98 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | L | Inner_1RB_Left  | 19.45 | 19.1  | 22.29 | 24.89 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | L | Inner_1RB_Right | 19.67 | 18.94 | 22.33 | 24.93 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | L | Outer_Full      | 18.69 | 17.87 | 21.31 | 23.91 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | L | Inner_1RB_Left  | 18.3  | 14.25 | 19.74 | 22.34 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | L | Inner_1RB_Right | 18.18 | 17.15 | 20.71 | 23.31 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | L | Outer_Full      | 18.27 | 17.48 | 20.90 | 23.5  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | L | Inner_1RB_Left  | 15.44 | 14.79 | 18.14 | 20.74 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | L | Inner_1RB_Right | 15.33 | 14.66 | 18.02 | 20.62 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | L | Outer_Full      | 14.83 | 14.23 | 17.55 | 20.15 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | M | Inner_1RB_Left  | 19.92 | 19.55 | 22.75 | 25.35 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | M | Inner_1RB_Right | 19.46 | 19.41 | 22.45 | 25.05 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | M | Outer_Full      | 18.32 | 17.82 | 21.09 | 23.69 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | M | Inner_1RB_Left  | 19.3  | 18.93 | 22.13 | 24.73 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | M | Inner_1RB_Right | 18.92 | 18.86 | 21.90 | 24.5  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | M | Outer_Full      | 18.35 | 17.81 | 21.10 | 23.7  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | M | Inner_1RB_Left  | 17.96 | 17.09 | 20.56 | 23.16 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | M | Inner_1RB_Right | 17.48 | 17.06 | 20.29 | 22.89 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | M | Outer_Full      | 17.82 | 17.33 | 20.59 | 23.19 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | M | Inner_1RB_Left  | 15.14 | 14.54 | 17.86 | 20.46 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | M | Inner_1RB_Right | 14.69 | 14.49 | 17.60 | 20.2  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | M | Outer_Full      | 14.92 | 14.38 | 17.67 | 20.27 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | H | Inner_1RB_Left  | 19.48 | 19.99 | 22.75 | 25.35 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | H | Inner_1RB_Right | 19.77 | 19.72 | 22.76 | 25.36 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK   | H | Outer_Full      | 18.15 | 18.07 | 21.12 | 23.72 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | H | Inner_1RB_Left  | 19.02 | 19.02 | 22.03 | 24.63 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | H | Inner_1RB_Right | 19.23 | 19.03 | 22.14 | 24.74 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM  | H | Outer_Full      | 18.2  | 18.02 | 21.12 | 23.72 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | H | Inner_1RB_Left  | 14.33 | 14.25 | 17.30 | 19.9  | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | H | Inner_1RB_Right | 17.76 | 17.22 | 20.51 | 23.11 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM  | H | Outer_Full      | 17.65 | 17.6  | 20.64 | 23.24 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | H | Inner_1RB_Left  | 14.67 | 14.57 | 17.63 | 20.23 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | H | Inner_1RB_Right | 14.93 | 14.7  | 17.83 | 20.43 | 30 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM | H | Outer_Full      | 14.7  | 14.73 | 17.73 | 20.33 | 30 | PASS |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 50 | CP-QPSK   | L | Inner_1RB_Left  | 20.21 | 19.65 | 22.95 | 25.55 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | L | Inner_1RB_Right | 20.04 | 19.13 | 22.62 | 25.22 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | L | Outer_Full      | 18.72 | 17.78 | 21.29 | 23.89 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | L | Inner_1RB_Left  | 19.38 | 18.88 | 22.15 | 24.75 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | L | Inner_1RB_Right | 19.6  | 18.33 | 22.02 | 24.62 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | L | Outer_Full      | 18.67 | 17.72 | 21.23 | 23.83 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | L | Inner_1RB_Left  | 17.24 | 16.99 | 20.13 | 22.73 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | L | Inner_1RB_Right | 18.13 | 16.62 | 20.45 | 23.05 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | L | Outer_Full      | 18.19 | 17.3  | 20.78 | 23.38 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | L | Inner_1RB_Left  | 15.22 | 14.49 | 17.88 | 20.48 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | L | Inner_1RB_Right | 15.18 | 14.08 | 17.68 | 20.28 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | L | Outer_Full      | 15.13 | 14.39 | 17.79 | 20.39 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | M | Inner_1RB_Left  | 19.69 | 19.09 | 22.41 | 25.01 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | M | Inner_1RB_Right | 19.28 | 19.48 | 22.39 | 24.99 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | M | Outer_Full      | 18.23 | 17.63 | 20.95 | 23.55 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | M | Inner_1RB_Left  | 19.1  | 18.5  | 21.82 | 24.42 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | M | Inner_1RB_Right | 18.87 | 18.86 | 21.88 | 24.48 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | M | Outer_Full      | 18.23 | 17.63 | 20.95 | 23.55 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | M | Inner_1RB_Left  | 17.7  | 16.69 | 20.23 | 22.83 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | M | Inner_1RB_Right | 17.46 | 16.92 | 20.21 | 22.81 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | M | Outer_Full      | 17.7  | 17.1  | 20.42 | 23.02 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | M | Inner_1RB_Left  | 14.86 | 14.03 | 17.48 | 20.08 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | M | Inner_1RB_Right | 14.56 | 14.23 | 17.41 | 20.01 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | M | Outer_Full      | 14.71 | 14.18 | 17.46 | 20.06 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | H | Inner_1RB_Left  | 19.4  | 19.08 | 22.25 | 24.85 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | H | Inner_1RB_Right | 19.43 | 19.46 | 22.46 | 25.06 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK   | H | Outer_Full      | 17.94 | 17.84 | 20.90 | 23.5  | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | H | Inner_1RB_Left  | 18.64 | 18.66 | 21.66 | 24.26 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | H | Inner_1RB_Right | 18.83 | 18.82 | 21.84 | 24.44 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM  | H | Outer_Full      | 17.99 | 17.87 | 20.94 | 23.54 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | H | Inner_1RB_Left  | 17.39 | 16.72 | 20.08 | 22.68 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | H | Inner_1RB_Right | 17.53 | 16.93 | 20.25 | 22.85 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM  | H | Outer_Full      | 17.47 | 17.37 | 20.43 | 23.03 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | H | Inner_1RB_Left  | 14.54 | 14.16 | 17.36 | 19.96 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | H | Inner_1RB_Right | 14.6  | 14.42 | 17.52 | 20.12 | 30 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM | H | Outer_Full      | 14.42 | 14.47 | 17.46 | 20.06 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | L | Inner_1RB_Left  | 20.17 | 19.52 | 22.87 | 25.47 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | L | Inner_1RB_Right | 20.06 | 19.61 | 22.85 | 25.45 | 30 | PASS |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 60 | CP-QPSK   | L | Outer_Full      | 18.66 | 17.7  | 21.22 | 23.82 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | L | Inner_1RB_Left  | 19.48 | 18.74 | 22.14 | 24.74 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | L | Inner_1RB_Right | 19.46 | 18.93 | 22.21 | 24.81 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | L | Outer_Full      | 18.67 | 17.7  | 21.22 | 23.82 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | L | Inner_1RB_Left  | 16.36 | 16.25 | 19.32 | 21.92 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | L | Inner_1RB_Right | 18.03 | 16.94 | 20.53 | 23.13 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | L | Outer_Full      | 17.18 | 16.32 | 19.78 | 22.38 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | L | Inner_1RB_Left  | 15.2  | 14.42 | 17.84 | 20.44 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | L | Inner_1RB_Right | 15.25 | 15.32 | 18.30 | 20.9  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | L | Outer_Full      | 15.12 | 14.38 | 17.78 | 20.38 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | M | Inner_1RB_Left  | 19.64 | 18.75 | 22.23 | 24.83 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | M | Inner_1RB_Right | 19.28 | 19.38 | 22.34 | 24.94 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | M | Outer_Full      | 18.14 | 17.63 | 20.90 | 23.5  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | M | Inner_1RB_Left  | 19.04 | 18.32 | 21.71 | 24.31 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | M | Inner_1RB_Right | 18.83 | 19.16 | 22.01 | 24.61 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | M | Outer_Full      | 18.17 | 17.61 | 20.91 | 23.51 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | M | Inner_1RB_Left  | 15.32 | 15.22 | 18.28 | 20.88 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | M | Inner_1RB_Right | 17.37 | 16.96 | 20.18 | 22.78 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | M | Outer_Full      | 17.71 | 17.12 | 20.44 | 23.04 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | M | Inner_1RB_Left  | 14.81 | 13.76 | 17.33 | 19.93 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | M | Inner_1RB_Right | 14.54 | 14.3  | 17.43 | 20.03 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | M | Outer_Full      | 14.75 | 14.2  | 17.49 | 20.09 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | H | Inner_1RB_Left  | 19.59 | 18.52 | 22.10 | 24.7  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | H | Inner_1RB_Right | 19.42 | 19.54 | 22.49 | 25.09 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK   | H | Outer_Full      | 18.01 | 17.84 | 20.94 | 23.54 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | H | Inner_1RB_Left  | 18.99 | 18.15 | 21.60 | 24.2  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | H | Inner_1RB_Right | 18.85 | 19.04 | 21.96 | 24.56 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM  | H | Outer_Full      | 18.04 | 17.88 | 20.97 | 23.57 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | H | Inner_1RB_Left  | 17.65 | 13.18 | 18.98 | 21.58 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | H | Inner_1RB_Right | 17.49 | 17.08 | 20.30 | 22.9  | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM  | H | Outer_Full      | 17.55 | 17.38 | 20.48 | 23.08 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | H | Inner_1RB_Left  | 14.73 | 13.55 | 17.19 | 19.79 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | H | Inner_1RB_Right | 14.62 | 14.47 | 17.56 | 20.16 | 30 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM | H | Outer_Full      | 14.57 | 14.49 | 17.54 | 20.14 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | L | Inner_1RB_Left  | 19.98 | 19.47 | 22.74 | 25.34 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | L | Inner_1RB_Right | 19.99 | 19.27 | 22.66 | 25.26 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | L | Outer_Full      | 18.53 | 17.69 | 21.14 | 23.74 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | L | Inner_1RB_Left  | 19.25 | 18.71 | 22.00 | 24.6  | 30 | PASS |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 70 | CP-16QAM  | L | Inner_1RB_Right | 19.3  | 18.59 | 21.97 | 24.57 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | L | Outer_Full      | 18.57 | 17.65 | 21.14 | 23.74 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | L | Inner_1RB_Left  | 16.25 | 16.25 | 19.26 | 21.86 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | L | Inner_1RB_Right | 17.83 | 16.59 | 20.26 | 22.86 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | L | Outer_Full      | 18.05 | 17.21 | 20.66 | 23.26 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | L | Inner_1RB_Left  | 15.04 | 14.33 | 17.71 | 20.31 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | L | Inner_1RB_Right | 15.04 | 14.1  | 17.61 | 20.21 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | L | Outer_Full      | 15.07 | 14.4  | 17.76 | 20.36 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | M | Inner_1RB_Left  | 19.5  | 18.69 | 22.12 | 24.72 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | M | Inner_1RB_Right | 19.16 | 19.33 | 22.26 | 24.86 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | M | Outer_Full      | 18.02 | 17.59 | 20.82 | 23.42 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | M | Inner_1RB_Left  | 18.79 | 18.09 | 21.46 | 24.06 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | M | Inner_1RB_Right | 18.69 | 18.55 | 21.63 | 24.23 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | M | Outer_Full      | 18.06 | 17.5  | 20.80 | 23.4  | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | M | Inner_1RB_Left  | 17.48 | 16.13 | 19.87 | 22.47 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | M | Inner_1RB_Right | 17.06 | 16.81 | 19.95 | 22.55 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | M | Outer_Full      | 17.57 | 17    | 20.30 | 22.9  | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | M | Inner_1RB_Left  | 14.63 | 13.55 | 17.13 | 19.73 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | M | Inner_1RB_Right | 14.28 | 14.27 | 17.29 | 19.89 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | M | Outer_Full      | 14.59 | 14.18 | 17.40 | 20    | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | H | Inner_1RB_Left  | 19.41 | 19.19 | 22.31 | 24.91 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | H | Inner_1RB_Right | 19.43 | 19.6  | 22.53 | 25.13 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK   | H | Outer_Full      | 17.87 | 17.92 | 20.91 | 23.51 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | H | Inner_1RB_Left  | 18.86 | 18.43 | 21.66 | 24.26 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | H | Inner_1RB_Right | 18.81 | 18.88 | 21.86 | 24.46 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM  | H | Outer_Full      | 17.92 | 17.96 | 20.95 | 23.55 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | H | Inner_1RB_Left  | 17.43 | 16.6  | 20.05 | 22.65 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | H | Inner_1RB_Right | 17.4  | 17.12 | 20.27 | 22.87 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM  | H | Outer_Full      | 17.4  | 17.48 | 20.45 | 23.05 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | H | Inner_1RB_Left  | 14.6  | 14.03 | 17.33 | 19.93 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | H | Inner_1RB_Right | 14.5  | 14.35 | 17.44 | 20.04 | 30 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM | H | Outer_Full      | 14.34 | 14.56 | 17.46 | 20.06 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | L | Inner_1RB_Left  | 19.79 | 19.16 | 22.50 | 25.1  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | L | Inner_1RB_Right | 19.69 | 18.85 | 22.30 | 24.9  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | L | Outer_Full      | 18.44 | 16.29 | 20.51 | 23.11 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | L | Inner_1RB_Left  | 19.11 | 18.64 | 21.89 | 24.49 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | L | Inner_1RB_Right | 18.97 | 18.16 | 21.59 | 24.19 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | L | Outer_Full      | 18.47 | 17.5  | 21.02 | 23.62 | 30 | PASS |



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|---------------|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 80 | CP-64QAM  | L | Inner_1RB_Left  | 15.72 | 15.25 | 18.50 | 21.1  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | L | Inner_1RB_Right | 17.68 | 16.21 | 20.02 | 22.62 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | L | Outer_Full      | 18.01 | 17.05 | 20.57 | 23.17 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | L | Inner_1RB_Left  | 15.01 | 14.29 | 17.68 | 20.28 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | L | Inner_1RB_Right | 14.83 | 13.76 | 17.34 | 19.94 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | L | Outer_Full      | 15.03 | 14.2  | 17.65 | 20.25 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | M | Inner_1RB_Left  | 21.32 | 21.36 | 24.35 | 26.95 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | M | Inner_1RB_Right | 19.23 | 19.12 | 22.19 | 24.79 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | M | Outer_Full      | 18    | 17.53 | 20.78 | 23.38 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | M | Inner_1RB_Left  | 18.57 | 18.09 | 21.35 | 23.95 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | M | Inner_1RB_Right | 18.36 | 18.34 | 21.36 | 23.96 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | M | Outer_Full      | 18.02 | 17.52 | 20.79 | 23.39 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | M | Inner_1RB_Left  | 17.36 | 16.11 | 19.79 | 22.39 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | M | Inner_1RB_Right | 17.03 | 16.67 | 19.86 | 22.46 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | M | Outer_Full      | 17.51 | 17.06 | 20.30 | 22.9  | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | M | Inner_1RB_Left  | 14.5  | 13.51 | 17.04 | 19.64 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | M | Inner_1RB_Right | 14.11 | 14.03 | 17.08 | 19.68 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | M | Outer_Full      | 14.58 | 14.11 | 17.36 | 19.96 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | H | Inner_1RB_Left  | 19.1  | 19.05 | 22.09 | 24.69 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | H | Inner_1RB_Right | 19.43 | 19.39 | 22.42 | 25.02 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK   | H | Outer_Full      | 17.81 | 17.83 | 20.83 | 23.43 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | H | Inner_1RB_Left  | 18.6  | 18.43 | 21.53 | 24.13 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | H | Inner_1RB_Right | 18.77 | 18.76 | 21.78 | 24.38 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM  | H | Outer_Full      | 17.83 | 17.83 | 20.84 | 23.44 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | H | Inner_1RB_Left  | 17.27 | 16.58 | 19.95 | 22.55 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | H | Inner_1RB_Right | 17.33 | 17.15 | 20.25 | 22.85 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM  | H | Outer_Full      | 17.35 | 17.39 | 20.38 | 22.98 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | H | Inner_1RB_Left  | 14.44 | 14.01 | 17.24 | 19.84 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | H | Inner_1RB_Right | 14.42 | 14.22 | 17.33 | 19.93 | 30 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM | H | Outer_Full      | 14.3  | 14.37 | 17.35 | 19.95 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-QPSK   | L | Inner_1RB_Left  | 19.88 | 19.23 | 22.58 | 25.18 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-QPSK   | L | Inner_1RB_Right | 19.4  | 18.99 | 22.21 | 24.81 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-QPSK   | L | Outer_Full      | 18.44 | 17.56 | 21.03 | 23.63 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-16QAM  | L | Inner_1RB_Left  | 19.15 | 18.89 | 22.03 | 24.63 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-16QAM  | L | Inner_1RB_Right | 18.85 | 18.35 | 21.62 | 24.22 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-16QAM  | L | Outer_Full      | 18.46 | 17.58 | 21.05 | 23.65 | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-64QAM  | L | Inner_1RB_Left  | 15.33 | 15.25 | 18.30 | 20.9  | 30 | PASS |
| N77-3700-3980 | 30 | 90 | CP-64QAM  | L | Inner_1RB_Right | 17.49 | 16.62 | 20.09 | 22.69 | 30 | PASS |



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|               |    |     |           |   |                 |       |       |       |       |    |      |
|---------------|----|-----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 90  | CP-64QAM  | L | Outer_Full      | 17.97 | 17.05 | 20.54 | 23.14 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | L | Inner_1RB_Left  | 15.02 | 14.27 | 17.67 | 20.27 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | L | Inner_1RB_Right | 14.64 | 15.25 | 17.97 | 20.57 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | L | Outer_Full      | 15.01 | 14.26 | 17.66 | 20.26 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK   | M | Inner_1RB_Left  | 19.14 | 18.93 | 22.05 | 24.65 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK   | M | Inner_1RB_Right | 18.99 | 18.91 | 21.96 | 24.56 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK   | M | Outer_Full      | 17.98 | 17.52 | 20.77 | 23.37 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM  | M | Inner_1RB_Left  | 18.58 | 18.36 | 21.48 | 24.08 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM  | M | Inner_1RB_Right | 18.38 | 18.3  | 21.35 | 23.95 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM  | M | Outer_Full      | 17.92 | 17.53 | 20.74 | 23.34 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM  | M | Inner_1RB_Left  | 15.25 | 15.32 | 18.30 | 20.9  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM  | M | Inner_1RB_Right | 17.16 | 16.38 | 19.80 | 22.4  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM  | M | Outer_Full      | 17.49 | 17.02 | 20.27 | 22.87 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | M | Inner_1RB_Left  | 14.46 | 13.76 | 17.13 | 19.73 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | M | Inner_1RB_Right | 14.16 | 14.33 | 17.26 | 19.86 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | M | Outer_Full      | 14.53 | 14.07 | 17.32 | 19.92 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK   | H | Inner_1RB_Left  | 18.91 | 18.35 | 21.65 | 24.25 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK   | H | Inner_1RB_Right | 19.27 | 19.75 | 22.53 | 25.13 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK   | H | Outer_Full      | 17.77 | 17.71 | 20.75 | 23.35 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM  | H | Inner_1RB_Left  | 18.29 | 17.81 | 21.07 | 23.67 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM  | H | Inner_1RB_Right | 18.54 | 19.02 | 21.80 | 24.4  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM  | H | Outer_Full      | 17.8  | 17.79 | 20.81 | 23.41 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM  | H | Inner_1RB_Left  | 15.32 | 15.25 | 18.30 | 20.9  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM  | H | Inner_1RB_Right | 17.34 | 17.12 | 20.24 | 22.84 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM  | H | Outer_Full      | 17.27 | 17.26 | 20.28 | 22.88 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | H | Inner_1RB_Left  | 14.09 | 13.25 | 16.70 | 19.3  | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | H | Inner_1RB_Right | 14.42 | 14.33 | 17.39 | 19.99 | 30 | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM | H | Outer_Full      | 14.23 | 14.31 | 17.28 | 19.88 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | L | Inner_1RB_Left  | 19.79 | 19.12 | 22.48 | 25.08 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | L | Inner_1RB_Right | 19.46 | 18.75 | 22.13 | 24.73 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | L | Outer_Full      | 18.34 | 17.44 | 20.92 | 23.52 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | L | Inner_1RB_Left  | 19.11 | 18.58 | 21.86 | 24.46 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | L | Inner_1RB_Right | 18.78 | 18.07 | 21.45 | 24.05 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | L | Outer_Full      | 18.36 | 17.36 | 20.90 | 23.5  | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | L | Inner_1RB_Left  | 17.84 | 16.69 | 20.31 | 22.91 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | L | Inner_1RB_Right | 17.45 | 16.16 | 19.86 | 22.46 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | L | Outer_Full      | 17.86 | 16.95 | 20.44 | 23.04 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | L | Inner_1RB_Left  | 14.32 | 15.25 | 17.82 | 20.42 | 30 | PASS |



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|               |    |     |           |   |                 |        |       |       |       |    |      |
|---------------|----|-----|-----------|---|-----------------|--------|-------|-------|-------|----|------|
| N77-3700-3980 | 30 | 100 | CP-256QAM | L | Inner_1RB_Right | 15.22  | 15.36 | 18.30 | 20.9  | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | L | Outer_Full      | 15.143 | 15.25 | 18.21 | 20.81 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | M | Inner_1RB_Left  | 19.23  | 19.18 | 22.22 | 24.82 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | M | Inner_1RB_Right | 19.17  | 18.76 | 21.98 | 24.58 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | M | Outer_Full      | 17.97  | 17.46 | 20.73 | 23.33 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | M | Inner_1RB_Left  | 18.55  | 18.49 | 21.53 | 24.13 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | M | Inner_1RB_Right | 18.57  | 18.04 | 21.32 | 23.92 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | M | Outer_Full      | 17.95  | 17.49 | 20.74 | 23.34 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | M | Inner_1RB_Left  | 17.28  | 16.59 | 19.96 | 22.56 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | M | Inner_1RB_Right | 17.15  | 16.18 | 19.70 | 22.3  | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | M | Outer_Full      | 17.47  | 16.96 | 20.23 | 22.83 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | M | Inner_1RB_Left  | 14.44  | 14.06 | 17.26 | 19.86 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | M | Inner_1RB_Right | 14.25  | 13.59 | 16.94 | 19.54 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | M | Outer_Full      | 14.45  | 14.11 | 17.29 | 19.89 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | H | Inner_1RB_Left  | 18.69  | 18.65 | 21.68 | 24.28 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | H | Inner_1RB_Right | 19.44  | 19.87 | 22.67 | 25.27 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK   | H | Outer_Full      | 17.69  | 17.76 | 20.74 | 23.34 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | H | Inner_1RB_Left  | 17.96  | 18.08 | 21.03 | 23.63 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | H | Inner_1RB_Right | 18.91  | 18.97 | 21.95 | 24.55 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM  | H | Outer_Full      | 17.7   | 17.7  | 20.71 | 23.31 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | H | Inner_1RB_Left  | 16.61  | 16.16 | 19.40 | 22    | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | H | Inner_1RB_Right | 15.25  | 17.15 | 19.31 | 21.91 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM  | H | Outer_Full      | 17.22  | 17.21 | 20.23 | 22.83 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | H | Inner_1RB_Left  | 13.86  | 13.54 | 16.71 | 19.31 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | H | Inner_1RB_Right | 14.04  | 14.65 | 17.37 | 19.97 | 30 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM | H | Outer_Full      | 14.27  | 14.31 | 17.30 | 19.9  | 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 |
|---------------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N77-3700-3980 | 30  | 100       | DFT-256QAM | L       | Outer_Full | 100%      | 0.00   | 9.69   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM  | L       | Outer_Full | 100%      | 0.00   | 9.58   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-256QAM | M       | Outer_Full | 100%      | 0.00   | 9.92   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM  | M       | Outer_Full | 100%      | 0.00   | 9.88   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-256QAM | H       | Outer_Full | 100%      | 0.00   | 10.07  | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM  | H       | Outer_Full | 100%      | 0.00   | 10.28  | ≤13   | PASS    |



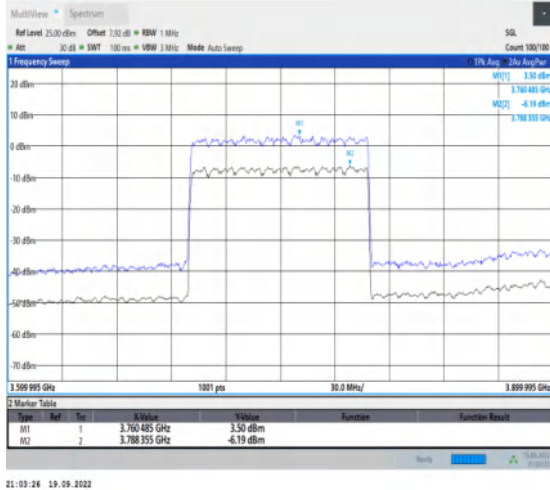
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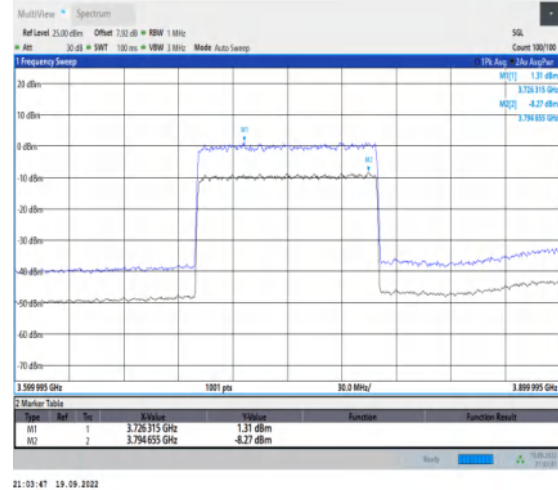
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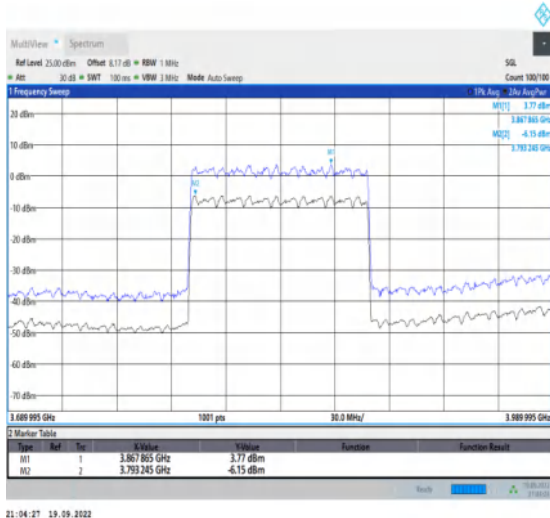
### Test Graphs



1-N77-3700-3980--30-100-L-1-DFT-256QAM-Outer\_Full-270@0-Ant1-9.69-100%-0.00-9.69-PASS-≤13



1-N77-3700-3980--30-100-L-2-CP-256QAM-Outer\_Full-273@0-Ant1-9.58-100%-0.00-9.58-PASS-≤13



1-N77-3700-3980--30-100-M-1-DFT-256QAM-Outer\_Full-270@0-Ant1-9.92-100%-0.00-9.92-PASS-≤13



1-N77-3700-3980--30-100-M-2-CP-256QAM-Outer\_Full-273@0-Ant1-9.88-100%-0.00-9.88-PASS-≤13



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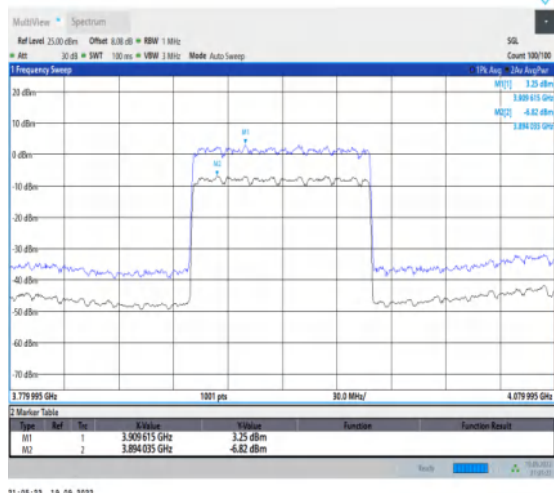
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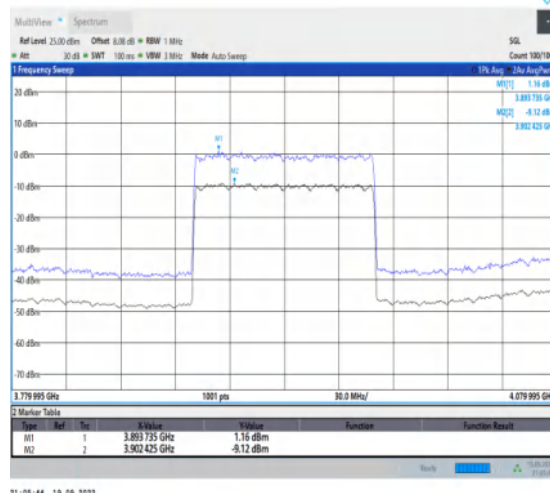
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1-N77-3700-3980--30-100-H-1-DFT-256QAM-Outer\_  
Full-270@0-Ant1-10.07-100%-0.00-10.07-PASS-≤13



1-N77-3700-3980--30-100-H-2-CP-256QAM-Outer\_  
Full-273@0-Ant1-10.28-100%-0.00-10.28-PASS-≤13



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## Modulation characteristics for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result    | Verdict |
|---------------|-----|-----------|-------------|---------|------------|-----------|---------|
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-QPSK    | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-16QAM   | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-64QAM   | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-256QAM  | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-16QAM    | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-64QAM    | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM   | M       | Outer_Full | see graph | PASS    |



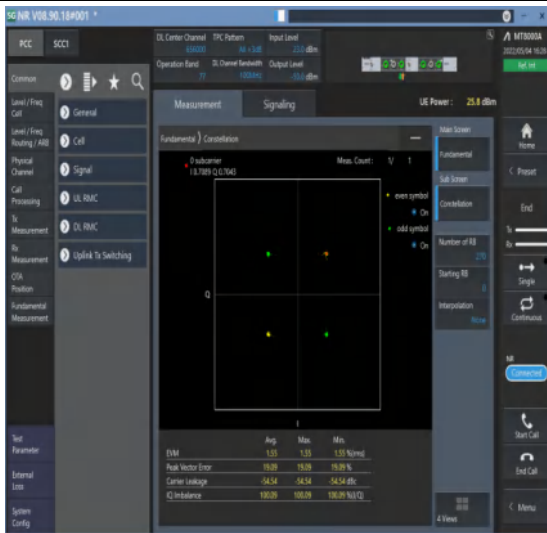
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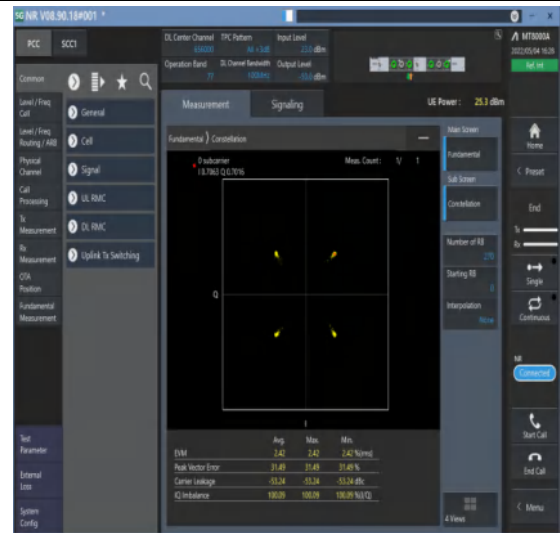
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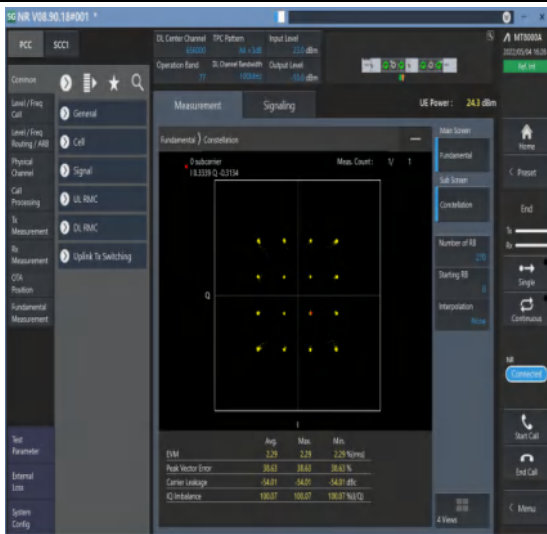
### Test Graphs



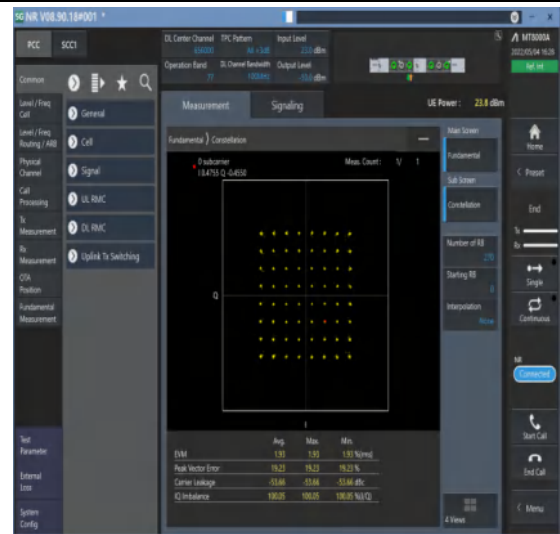
1-N77-3700-3980--30-100-M-1-DFT-PI2BPSK-Outertest\_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980--30-100-M-2-DFT-QPSK-Outertest\_Full-270@0-Ant1-see graph-PASS

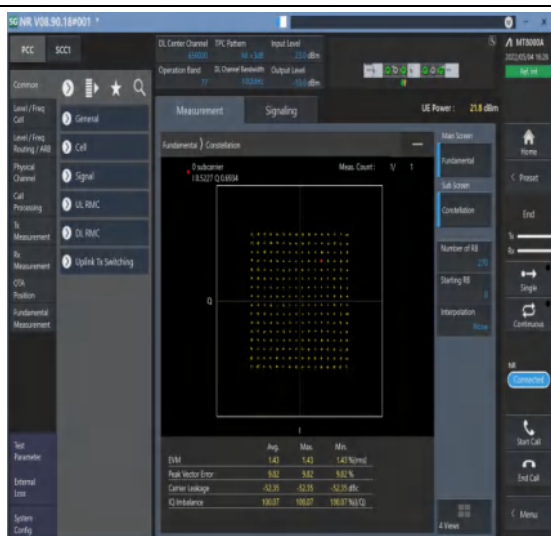


1-N77-3700-3980--30-100-M-3-DFT-16QAM-Outertest\_Full-270@0-Ant1-see graph-PASS

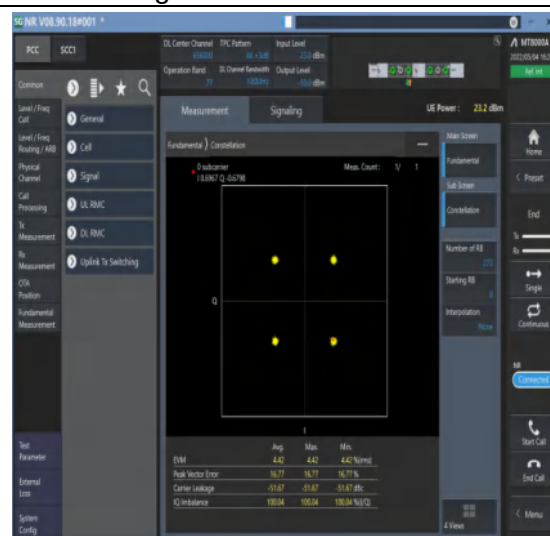


1-N77-3700-3980--30-100-M-4-DFT-64QAM-Outertest\_Full-270@0-Ant1-see graph-PASS

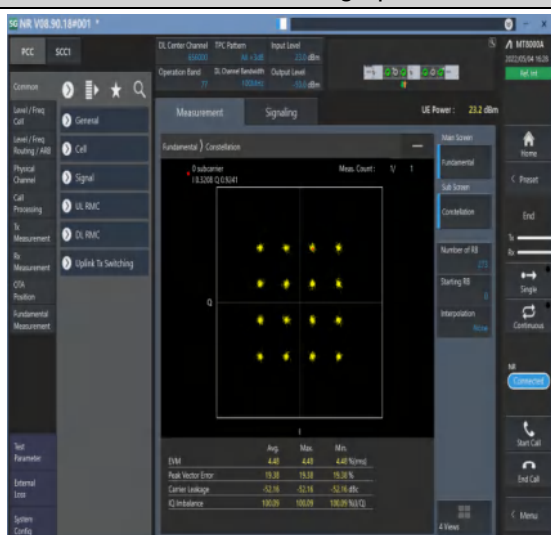




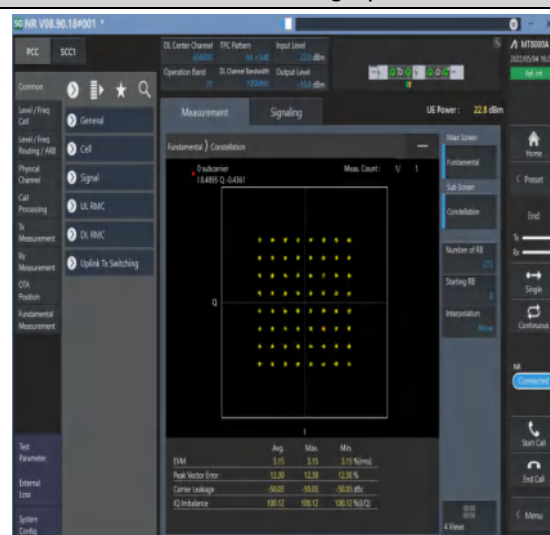
1-N77-3700-3980--30-100-M-5-DFT-256QAM-Outer\_Fu  
Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980--30-100-M-6-CP-QPSK-Outer\_Fu  
II-273@0-Ant1-see graph-PASS



1-N77-3700-3980--30-100-M-7-CP-16QAM-Outer\_Fu  
II-273@0-Ant1-see graph-PASS

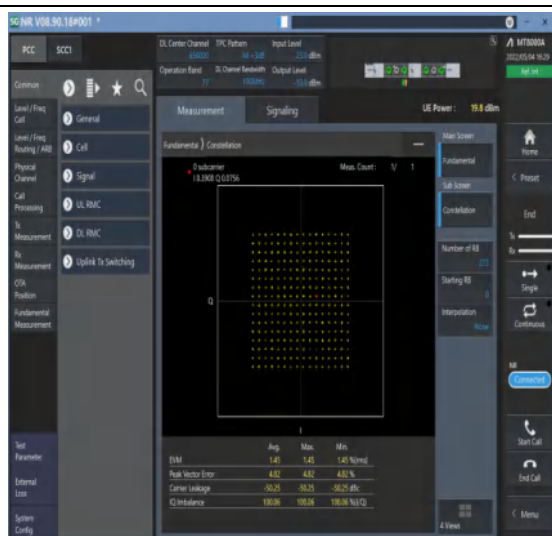


1-N77-3700-3980--30-100-M-8-CP-64QAM-Outer\_Fu  
ull-273@0-Ant1-see graph-PASS

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1-N77-3700-3980--30-100-M-9-CP-256QAM-Outer\_F  
ull-273@0-Ant1-see graph-PASS



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Member of the SGS Group (SGS SA)

## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|---------------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | L       | Outer_Full | 8.571        | 9.220         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.583        | 9.620         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | L       | Outer_Full | 8.59         | 9.360         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | L       | Outer_Full | 8.58         | 9.400         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | L       | Outer_Full | 8.571        | 9.660         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK     | L       | Outer_Full | 8.562        | 9.660         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM    | L       | Outer_Full | 8.571        | 9.560         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM    | L       | Outer_Full | 8.556        | 9.680         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM   | L       | Outer_Full | 8.582        | 9.480         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | M       | Outer_Full | 8.593        | 9.600         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full | 8.586        | 9.720         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | M       | Outer_Full | 8.595        | 9.680         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | M       | Outer_Full | 8.581        | 9.520         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | M       | Outer_Full | 8.567        | 9.560         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK     | M       | Outer_Full | 8.604        | 9.320         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM    | M       | Outer_Full | 8.583        | 9.740         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM    | M       | Outer_Full | 8.585        | 9.700         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM   | M       | Outer_Full | 8.567        | 9.640         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | H       | Outer_Full | 8.547        | 9.200         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | H       | Outer_Full | 8.564        | 9.660         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | H       | Outer_Full | 8.563        | 9.620         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | H       | Outer_Full | 8.557        | 9.480         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | H       | Outer_Full | 8.552        | 9.460         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK     | H       | Outer_Full | 8.577        | 9.720         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM    | H       | Outer_Full | 8.576        | 9.580         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM    | H       | Outer_Full | 8.601        | 9.600         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM   | H       | Outer_Full | 8.593        | 9.400         | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-QPSK    | L       | Outer_Full | 12.905       | 13.980        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-PI2BPSK | L       | Outer_Full | 12.911       | 13.770        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-16QAM   | L       | Outer_Full | 12.886       | 13.620        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-64QAM   | L       | Outer_Full | 12.832       | 14.130        | PASS    |



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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | L | Outer_Full | 12.818 | 13.800 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK     | L | Outer_Full | 13.588 | 14.700 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM    | L | Outer_Full | 13.567 | 15.000 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM    | L | Outer_Full | 13.584 | 14.640 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM   | L | Outer_Full | 13.586 | 14.880 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | M | Outer_Full | 12.933 | 14.400 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full | 12.82  | 14.190 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | M | Outer_Full | 12.853 | 14.490 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | M | Outer_Full | 12.877 | 14.040 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | M | Outer_Full | 12.865 | 13.710 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK     | M | Outer_Full | 13.601 | 14.850 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM    | M | Outer_Full | 13.599 | 15.270 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM    | M | Outer_Full | 13.627 | 15.240 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM   | M | Outer_Full | 13.57  | 14.550 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | H | Outer_Full | 12.883 | 13.800 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full | 12.822 | 14.130 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | H | Outer_Full | 12.814 | 14.220 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | H | Outer_Full | 12.888 | 14.010 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | H | Outer_Full | 12.84  | 14.040 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK     | H | Outer_Full | 13.617 | 14.790 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM    | H | Outer_Full | 13.548 | 14.820 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM    | H | Outer_Full | 13.572 | 14.790 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM   | H | Outer_Full | 13.568 | 14.820 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | L | Outer_Full | 17.793 | 18.840 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.792 | 19.040 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | L | Outer_Full | 17.842 | 18.680 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | L | Outer_Full | 17.874 | 19.200 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | L | Outer_Full | 17.857 | 19.040 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK     | L | Outer_Full | 18.175 | 18.920 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM    | L | Outer_Full | 18.217 | 19.680 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM    | L | Outer_Full | 18.196 | 19.400 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM   | L | Outer_Full | 18.243 | 19.240 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | M | Outer_Full | 17.842 | 18.920 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.783 | 19.080 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | M | Outer_Full | 17.843 | 18.600 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | M | Outer_Full | 17.815 | 19.120 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | M | Outer_Full | 17.75  | 18.880 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK     | M | Outer_Full | 18.179 | 19.360 | PASS |



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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 20 | CP-16QAM    | M | Outer_Full | 18.172 | 19.200 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM    | M | Outer_Full | 18.224 | 19.720 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM   | M | Outer_Full | 18.116 | 19.600 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | H | Outer_Full | 17.79  | 19.000 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.824 | 18.800 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | H | Outer_Full | 17.861 | 19.200 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | H | Outer_Full | 17.774 | 18.880 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | H | Outer_Full | 17.838 | 19.240 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK     | H | Outer_Full | 18.222 | 19.360 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM    | H | Outer_Full | 18.107 | 19.280 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM    | H | Outer_Full | 18.16  | 19.240 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM   | H | Outer_Full | 18.243 | 19.440 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | L | Outer_Full | 35.712 | 37.200 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full | 35.751 | 37.600 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | L | Outer_Full | 35.733 | 37.520 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | L | Outer_Full | 35.826 | 37.520 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | L | Outer_Full | 35.852 | 37.520 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK     | L | Outer_Full | 37.778 | 39.760 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM    | L | Outer_Full | 37.776 | 39.600 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM    | L | Outer_Full | 37.815 | 40.080 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM   | L | Outer_Full | 37.788 | 39.520 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | M | Outer_Full | 35.846 | 37.680 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full | 35.746 | 37.760 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | M | Outer_Full | 35.8   | 37.760 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | M | Outer_Full | 35.67  | 38.000 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | M | Outer_Full | 35.846 | 37.600 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK     | M | Outer_Full | 37.764 | 39.600 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM    | M | Outer_Full | 37.913 | 39.840 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM    | M | Outer_Full | 37.788 | 39.840 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM   | M | Outer_Full | 37.696 | 40.080 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | H | Outer_Full | 35.733 | 37.200 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full | 35.835 | 37.360 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | H | Outer_Full | 35.671 | 37.520 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | H | Outer_Full | 35.678 | 37.280 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | H | Outer_Full | 35.712 | 37.600 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK     | H | Outer_Full | 37.864 | 39.440 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM    | H | Outer_Full | 37.831 | 39.520 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM    | H | Outer_Full | 37.769 | 39.680 | PASS |



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| N77-3700-3980 | 30 | 40 | CP-256QAM   | H | Outer_Full | 37.909 | 39.600 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | L | Outer_Full | 45.732 | 47.700 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full | 45.739 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | L | Outer_Full | 45.728 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | L | Outer_Full | 45.778 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | L | Outer_Full | 45.818 | 48.200 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK     | L | Outer_Full | 47.487 | 49.700 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM    | L | Outer_Full | 47.348 | 49.200 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM    | L | Outer_Full | 47.388 | 50.000 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM   | L | Outer_Full | 47.415 | 49.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | M | Outer_Full | 45.748 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full | 45.705 | 47.900 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | M | Outer_Full | 45.718 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | M | Outer_Full | 45.615 | 47.600 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | M | Outer_Full | 45.652 | 47.500 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK     | M | Outer_Full | 47.481 | 49.800 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM    | M | Outer_Full | 47.449 | 49.800 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM    | M | Outer_Full | 47.443 | 49.600 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM   | M | Outer_Full | 47.302 | 49.200 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | H | Outer_Full | 45.816 | 47.800 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full | 45.721 | 47.600 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | H | Outer_Full | 45.656 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | H | Outer_Full | 45.765 | 47.500 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | H | Outer_Full | 45.674 | 47.900 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK     | H | Outer_Full | 47.416 | 49.600 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM    | H | Outer_Full | 47.4   | 49.700 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM    | H | Outer_Full | 47.432 | 49.300 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM   | H | Outer_Full | 47.317 | 49.400 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | L | Outer_Full | 57.909 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full | 57.814 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | L | Outer_Full | 57.702 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | L | Outer_Full | 57.708 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | L | Outer_Full | 57.789 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK     | L | Outer_Full | 57.804 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM    | L | Outer_Full | 57.824 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM    | L | Outer_Full | 57.71  | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM   | L | Outer_Full | 57.766 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | M | Outer_Full | 58.016 | 60.000 | PASS |



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| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full | 57.816 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | M | Outer_Full | 58.029 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | M | Outer_Full | 57.914 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | M | Outer_Full | 57.905 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK     | M | Outer_Full | 57.781 | 59.640 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM    | M | Outer_Full | 57.685 | 59.640 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM    | M | Outer_Full | 57.8   | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM   | M | Outer_Full | 57.646 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | H | Outer_Full | 57.782 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full | 57.971 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | H | Outer_Full | 57.878 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | H | Outer_Full | 57.768 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | H | Outer_Full | 58.021 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK     | H | Outer_Full | 57.821 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM    | H | Outer_Full | 57.612 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM    | H | Outer_Full | 57.563 | 59.520 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM   | H | Outer_Full | 57.791 | 60.120 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | L | Outer_Full | 64.131 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full | 64.236 | 66.500 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | L | Outer_Full | 64.19  | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | L | Outer_Full | 64.243 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | L | Outer_Full | 64.215 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK     | L | Outer_Full | 67.514 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM    | L | Outer_Full | 67.461 | 69.580 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM    | L | Outer_Full | 67.384 | 69.860 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM   | L | Outer_Full | 67.439 | 69.440 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | M | Outer_Full | 64.16  | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full | 64.357 | 66.640 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | M | Outer_Full | 64.263 | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | M | Outer_Full | 64.199 | 66.780 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | M | Outer_Full | 64.123 | 67.060 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK     | M | Outer_Full | 67.532 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM    | M | Outer_Full | 67.256 | 69.860 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM    | M | Outer_Full | 67.342 | 69.580 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM   | M | Outer_Full | 67.242 | 69.440 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | H | Outer_Full | 64.264 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full | 64.381 | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | H | Outer_Full | 64.356 | 66.780 | PASS |



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| N77-3700-3980 | 30 | 70 | DFT-64QAM   | H | Outer_Full | 64.308 | 66.500 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | H | Outer_Full | 64.417 | 66.500 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK     | H | Outer_Full | 67.44  | 69.440 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM    | H | Outer_Full | 67.36  | 70.000 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM    | H | Outer_Full | 67.244 | 69.440 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM   | H | Outer_Full | 67.475 | 69.580 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | L | Outer_Full | 76.989 | 80.160 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full | 77.301 | 80.160 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | L | Outer_Full | 77.415 | 80.160 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | L | Outer_Full | 77.074 | 80.160 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | L | Outer_Full | 76.872 | 80.000 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK     | L | Outer_Full | 77.42  | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM    | L | Outer_Full | 77.405 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM    | L | Outer_Full | 77.203 | 81.120 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM   | L | Outer_Full | 77.303 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | M | Outer_Full | 77.022 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full | 76.991 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | M | Outer_Full | 77.203 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | M | Outer_Full | 76.987 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | M | Outer_Full | 77.056 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK     | M | Outer_Full | 77.378 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM    | M | Outer_Full | 77.623 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM    | M | Outer_Full | 77.449 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM   | M | Outer_Full | 77.432 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | H | Outer_Full | 77.167 | 80.160 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | H | Outer_Full | 77.077 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | H | Outer_Full | 77.095 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | H | Outer_Full | 77.163 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | H | Outer_Full | 76.952 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK     | H | Outer_Full | 77.313 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM    | H | Outer_Full | 77.544 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM    | H | Outer_Full | 77.453 | 80.800 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM   | H | Outer_Full | 77.385 | 80.640 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK    | L | Outer_Full | 86.513 | 90.000 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | L | Outer_Full | 86.69  | 90.000 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM   | L | Outer_Full | 86.766 | 90.360 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM   | L | Outer_Full | 86.646 | 90.000 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-256QAM  | L | Outer_Full | 86.608 | 90.000 | PASS |



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| N77-3700-3980 | 30 | 90  | CP-QPSK     | L | Outer_Full | 87.234 | 90.900  | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM    | L | Outer_Full | 87.407 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM    | L | Outer_Full | 87.337 | 90.540  | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM   | L | Outer_Full | 87.244 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | M | Outer_Full | 86.658 | 89.820  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | M | Outer_Full | 86.813 | 90.360  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | M | Outer_Full | 86.614 | 90.000  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | M | Outer_Full | 86.701 | 90.180  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | M | Outer_Full | 86.503 | 90.360  | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK     | M | Outer_Full | 87.559 | 90.540  | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM    | M | Outer_Full | 87.397 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM    | M | Outer_Full | 87.287 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM   | M | Outer_Full | 87.356 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | H | Outer_Full | 86.634 | 90.000  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | H | Outer_Full | 86.637 | 90.000  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | H | Outer_Full | 86.733 | 90.000  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | H | Outer_Full | 86.847 | 90.000  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | H | Outer_Full | 86.749 | 90.180  | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK     | H | Outer_Full | 87.489 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM    | H | Outer_Full | 87.159 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM    | H | Outer_Full | 87.377 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM   | H | Outer_Full | 87.253 | 90.720  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | L | Outer_Full | 96.416 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | L | Outer_Full | 96.311 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | L | Outer_Full | 96.41  | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | L | Outer_Full | 96.317 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | L | Outer_Full | 96.593 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK     | L | Outer_Full | 97.335 | 100.600 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM    | L | Outer_Full | 97.555 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM    | L | Outer_Full | 97.307 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM   | L | Outer_Full | 97.312 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | M | Outer_Full | 96.349 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full | 96.557 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | M | Outer_Full | 96.163 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | M | Outer_Full | 96.444 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | M | Outer_Full | 96.404 | 99.600  | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK     | M | Outer_Full | 97.365 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM    | M | Outer_Full | 97.343 | 100.800 | PASS |



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|               |    |     |             |   |            |        |         |      |
|---------------|----|-----|-------------|---|------------|--------|---------|------|
| N77-3700-3980 | 30 | 100 | CP-64QAM    | M | Outer_Full | 97.364 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM   | M | Outer_Full | 97.31  | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | H | Outer_Full | 96.301 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full | 96.356 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | H | Outer_Full | 96.412 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | H | Outer_Full | 96.425 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | H | Outer_Full | 96.451 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK     | H | Outer_Full | 97.33  | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM    | H | Outer_Full | 97.219 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM    | H | Outer_Full | 97.155 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM   | H | Outer_Full | 97.223 | 100.800 | PASS |



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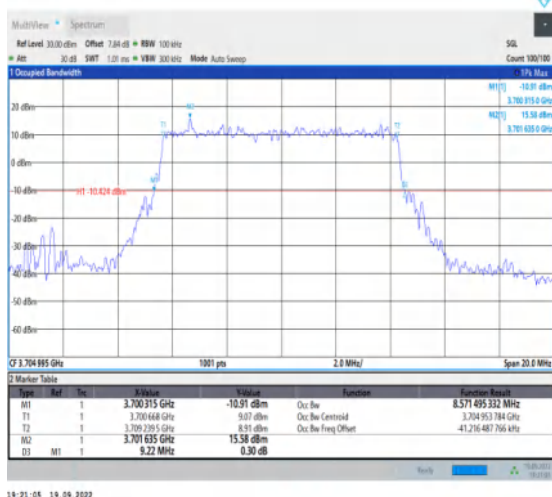
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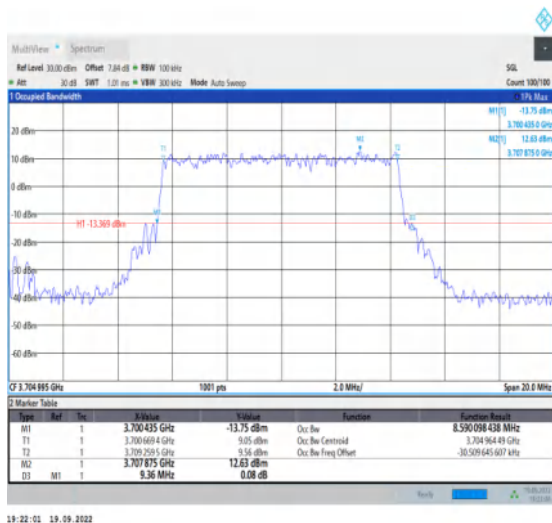
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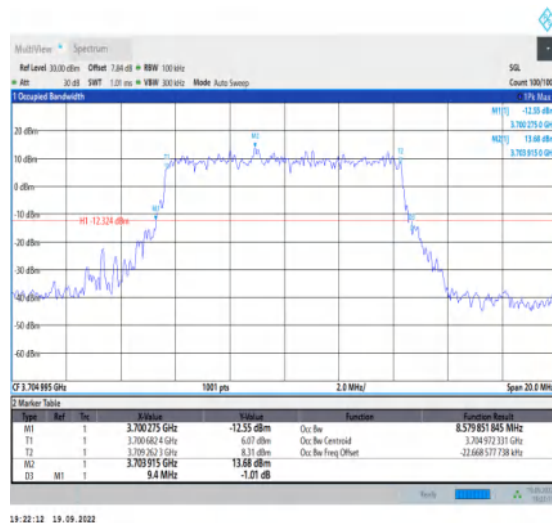
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-24@0-Ant1-8.583-9.620≤10-PASS



1-N77-3700-3980--30-10-L-3-DFT-16QAM-Outer\_Full  
I-24@0-Ant1-8.59-9.360≤10-PASS



1-N77-3700-3980--30-10-L-4-DFT-64QAM-Outer\_Full  
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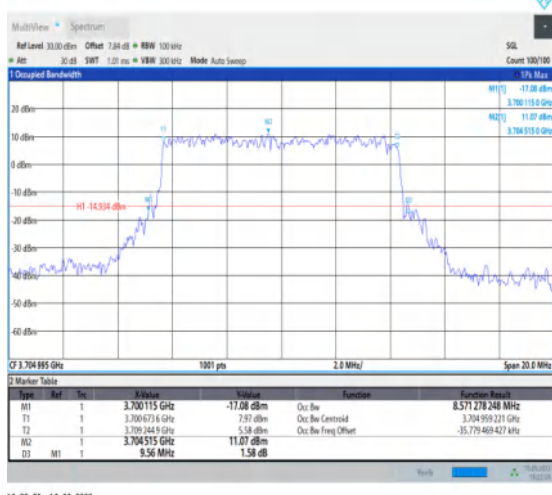
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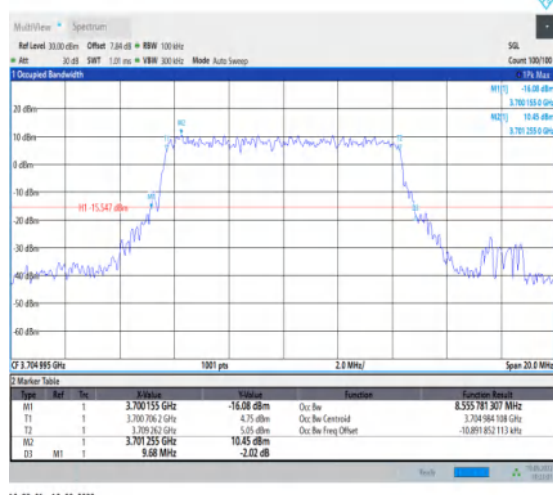
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19:22:50 19-09-2022

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19:23:01 19-09-2022

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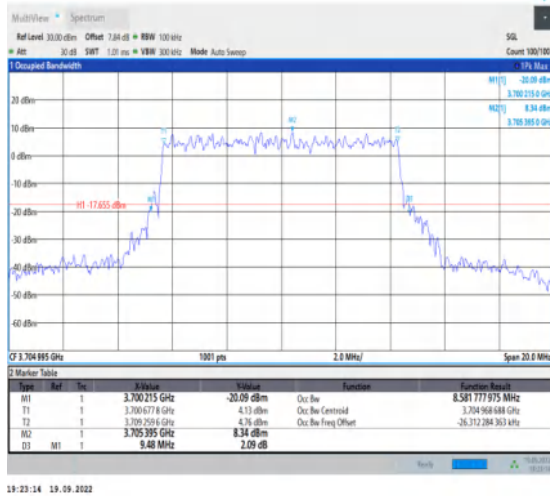
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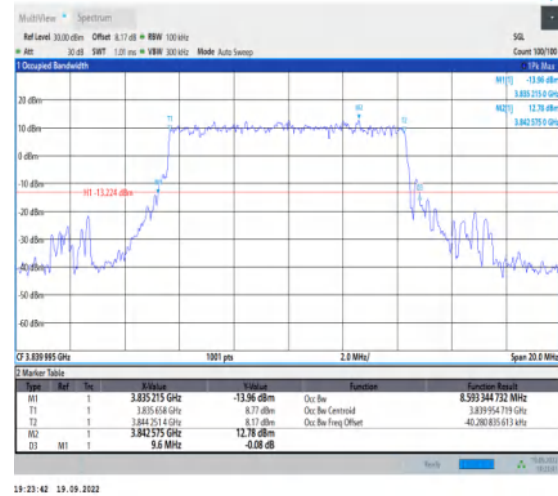
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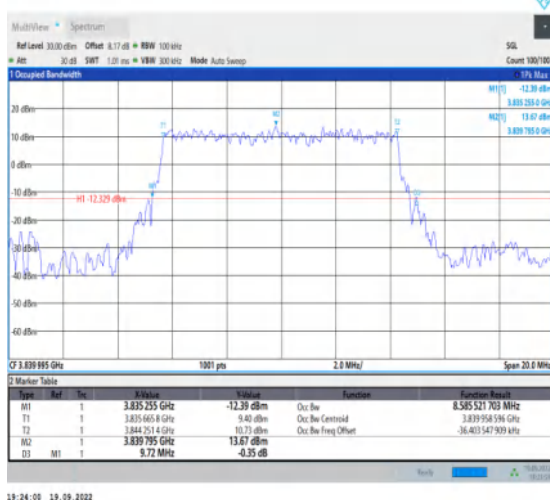
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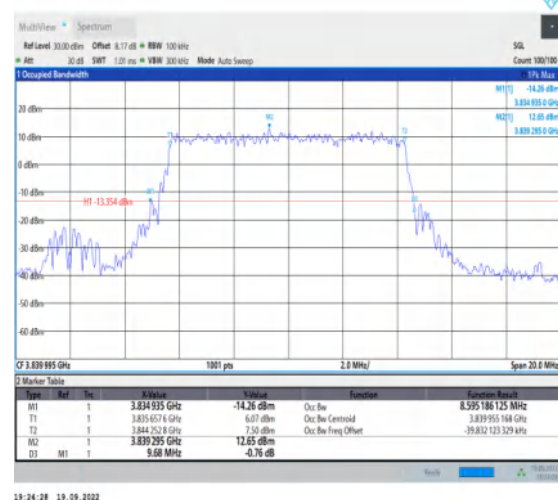
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1-N77-3700-3980--30-10-M-3-DFT-16QAM-Outer\_Full-24@0-Ant1-8.595-9.680-≤10-PASS



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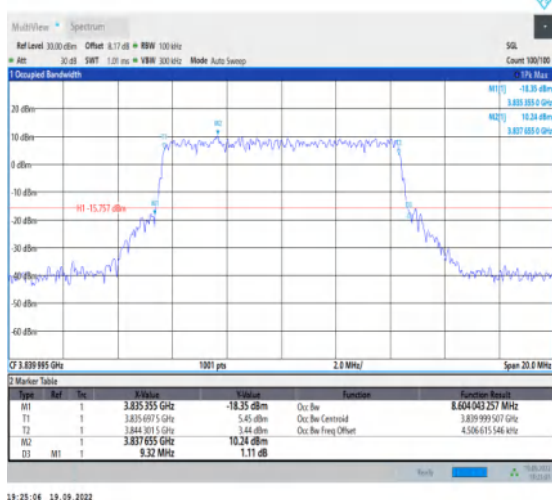
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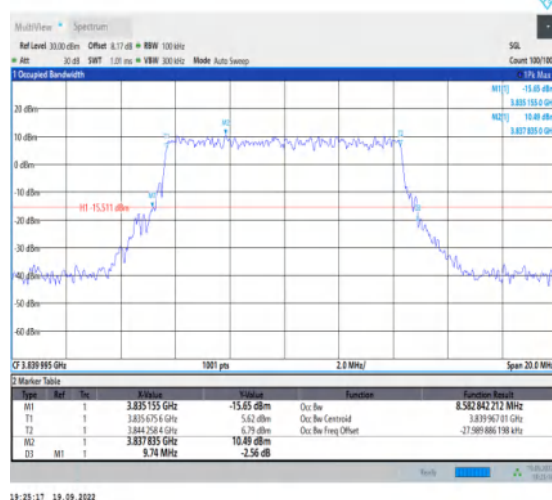
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1-N77-3700-3980--30-10-M-6-CP-QPSK-Outer\_F ull-24@0-Ant1-8.604-9.320-≤10-PASS



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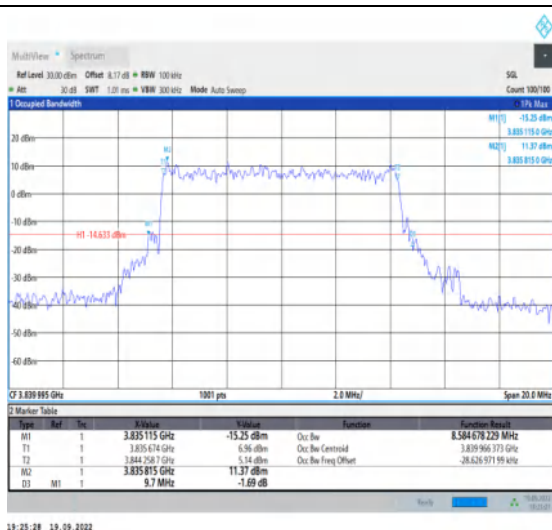
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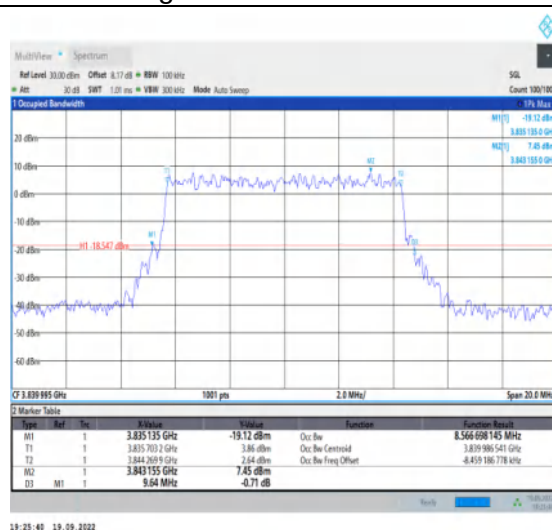
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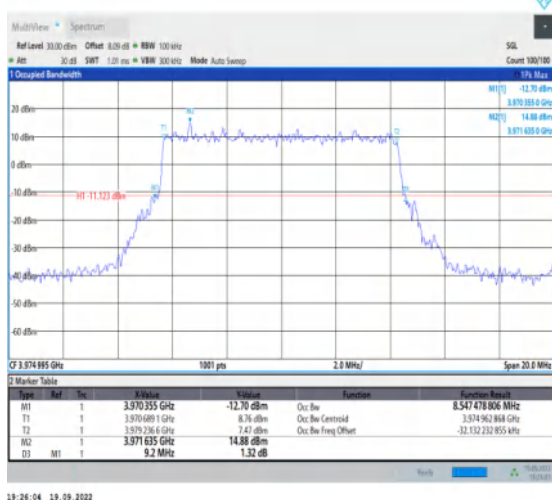
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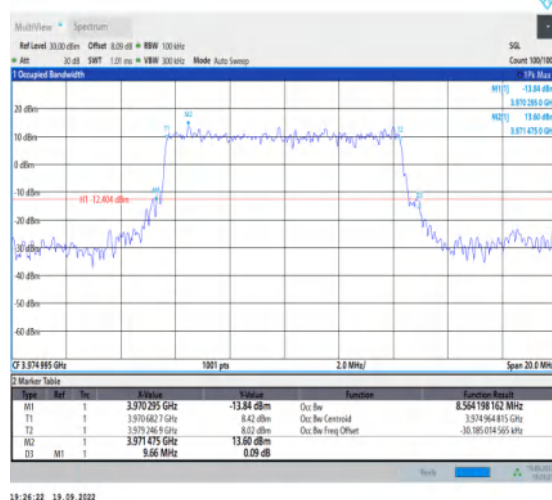
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1-N77-3700-3980--30-10-H-1-DFT-QPSK-Outer\_Full  
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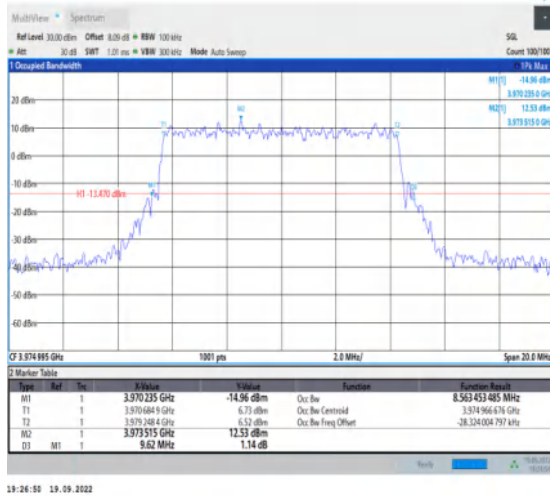


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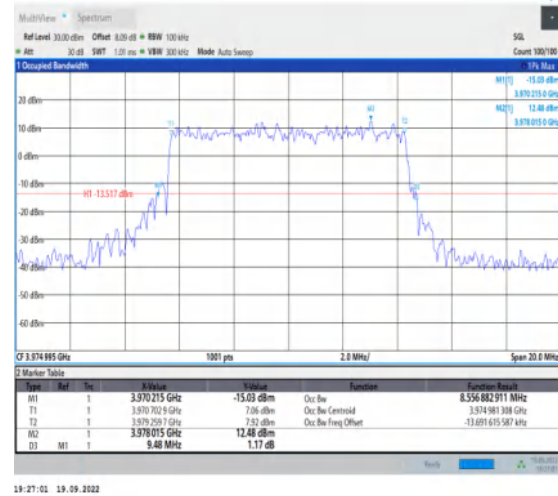
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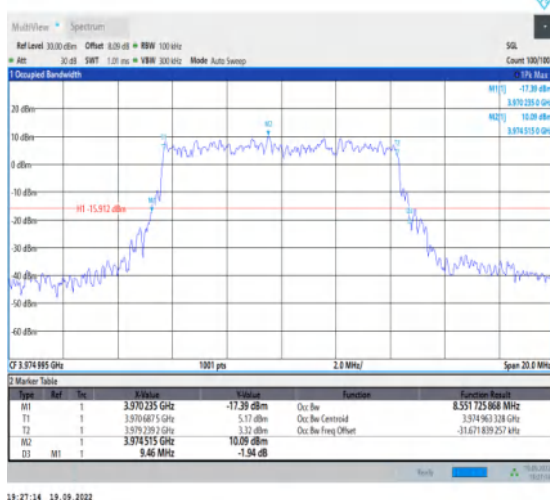
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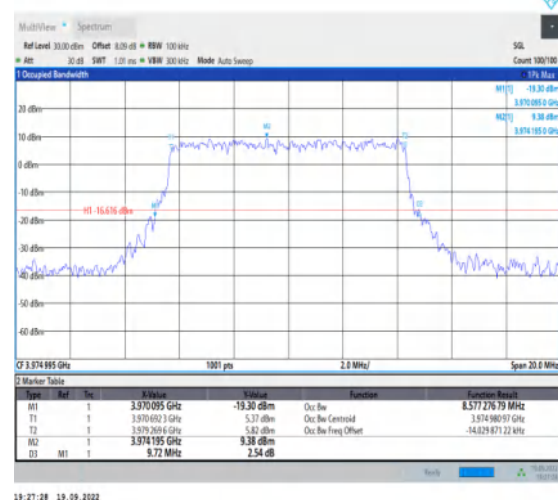
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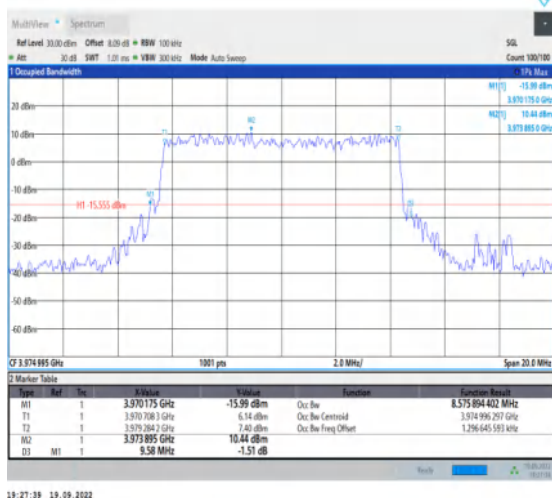
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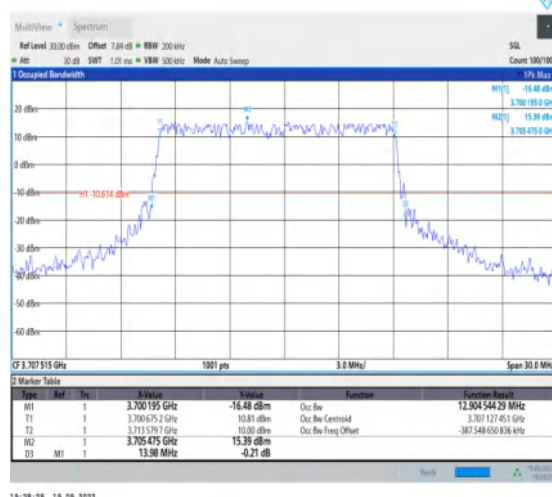
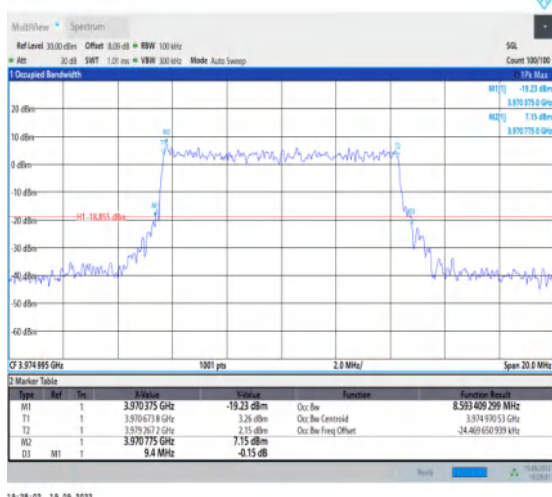
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1-N77-3700-3980--30-15-L-1-DFT-QPSK-Outer\_Full-  
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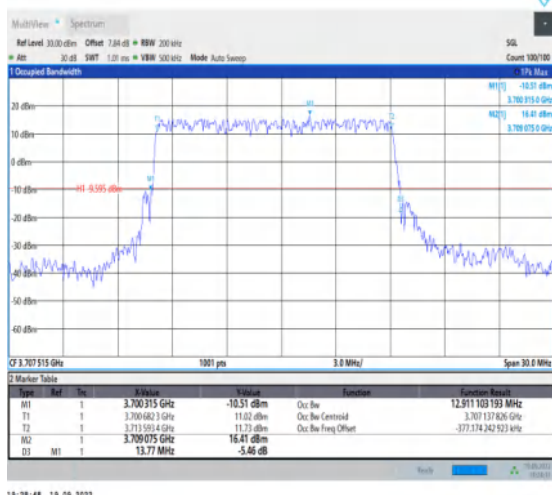
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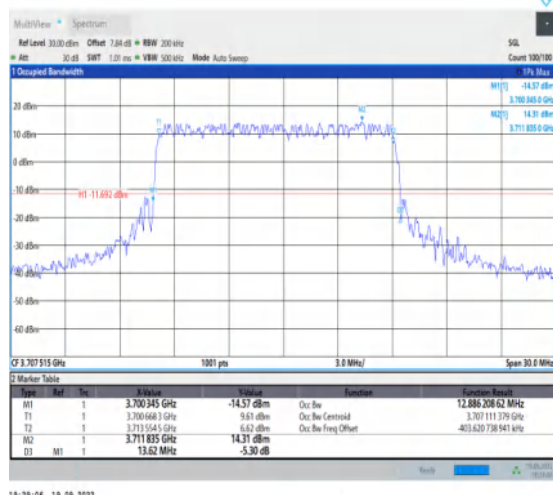
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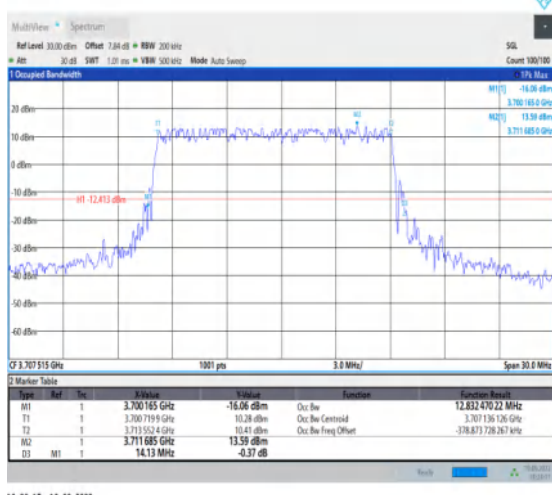
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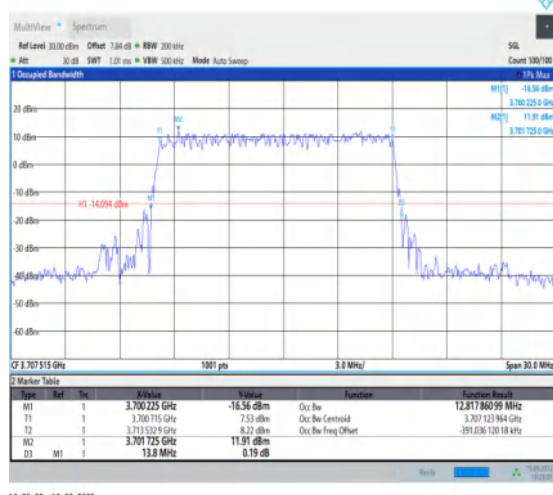
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19-29-17 19-09-2022

1-N77-3700-3980--30-15-L-4-DFT-64QAM-Out\_ Full-36@0-Ant1-12.832-14.130-≤15-PASS



19-29-30 19-09-2022

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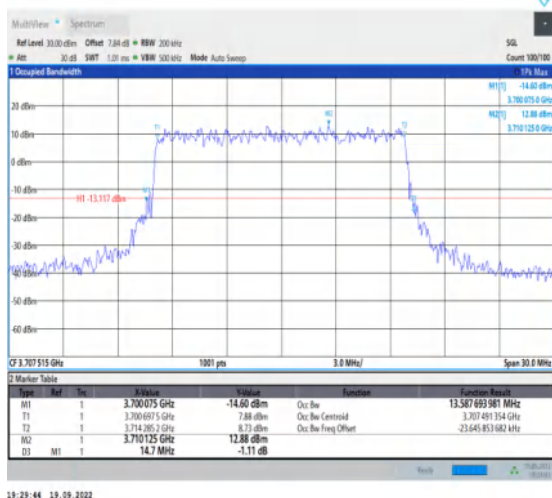
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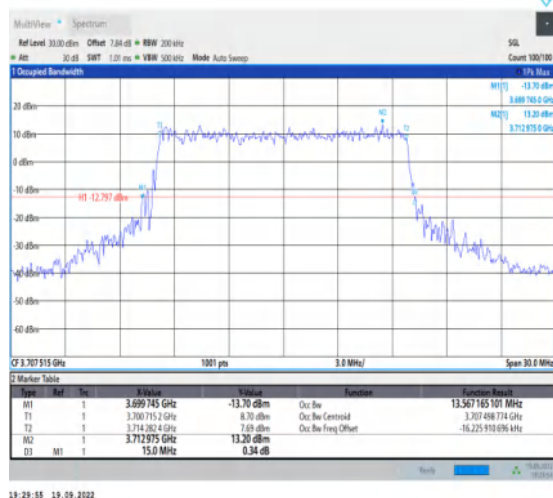
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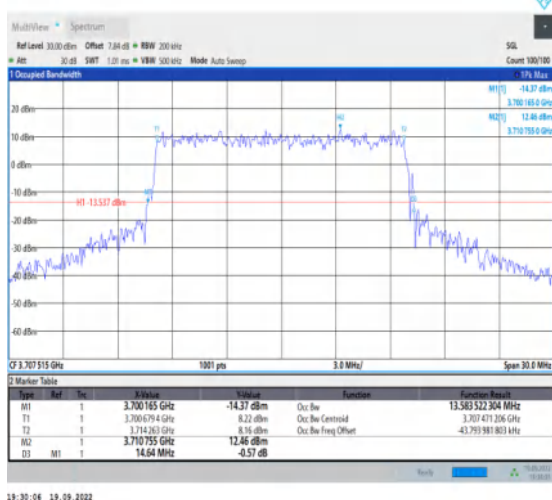
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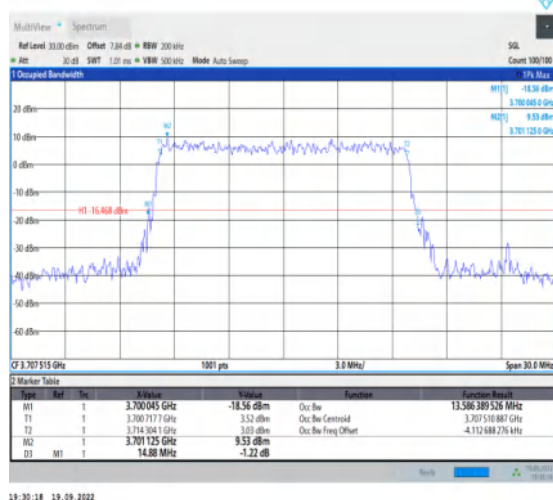
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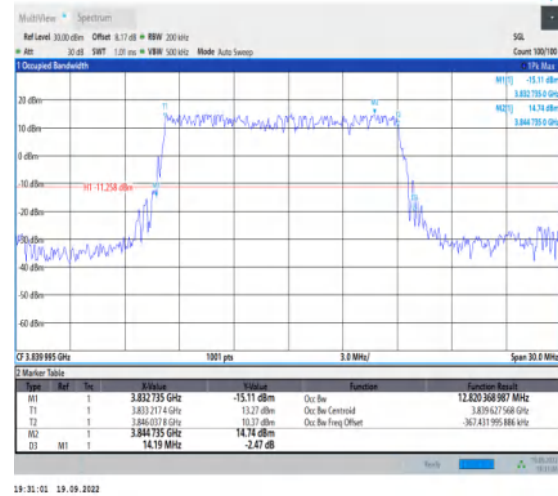
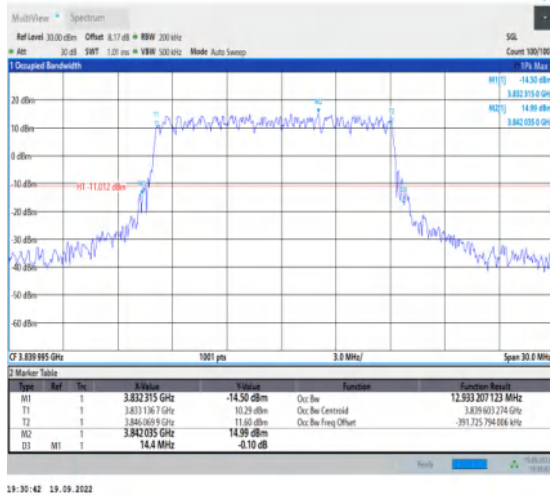
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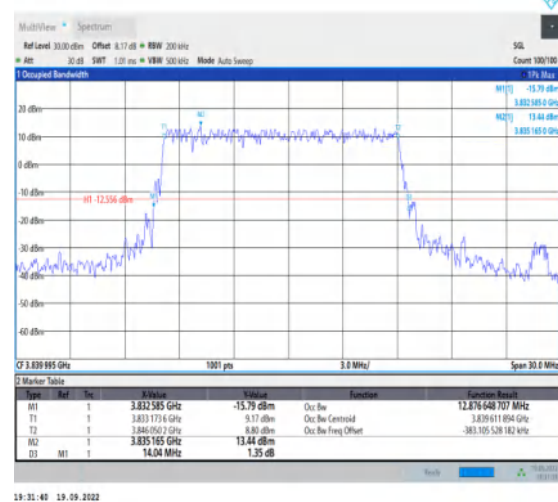
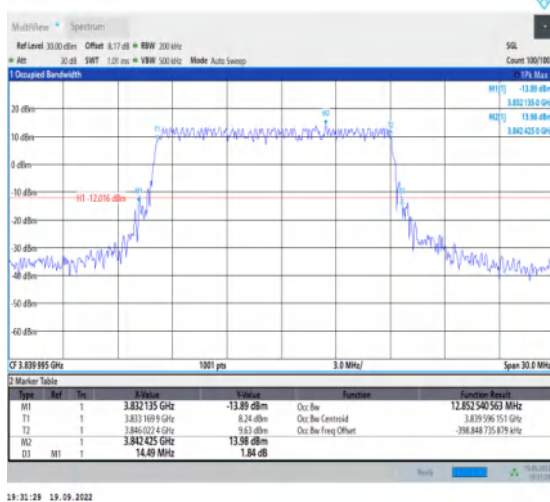
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1-N77-3700-3980--30-15-M-1-DFT-QPSK-Outer\_Ful I-36@0-Ant1-12.933-14.400-≤15-PASS

1-N77-3700-3980--30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-12.82-14.190-≤15-PASS



1-N77-3700-3980--30-15-M-3-DFT-16QAM-Outer\_Full-36@0-Ant1-12.853-14.490-≤15-PASS

1-N77-3700-3980--30-15-M-4-DFT-64QAM-Outer\_Full-36@0-Ant1-12.877-14.040-≤15-PASS



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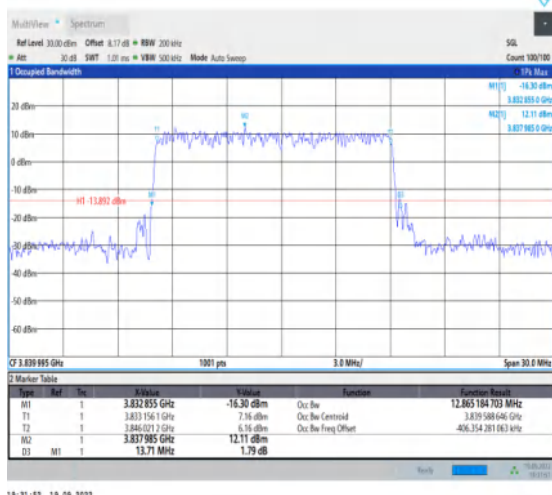
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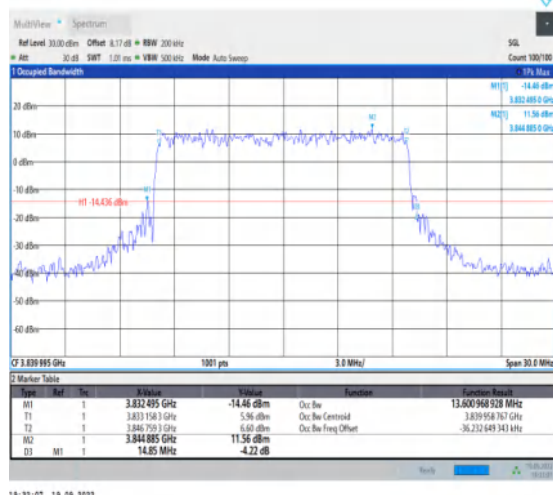
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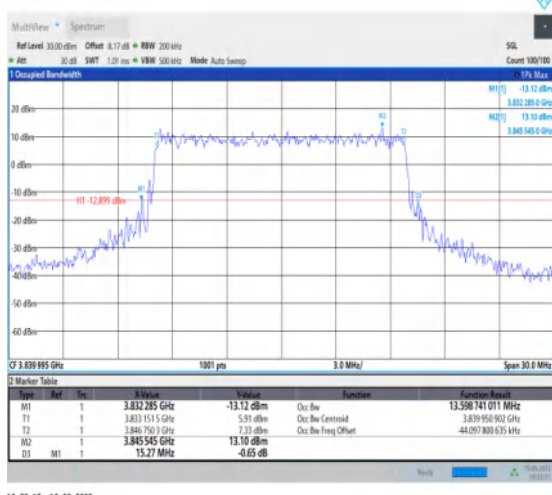
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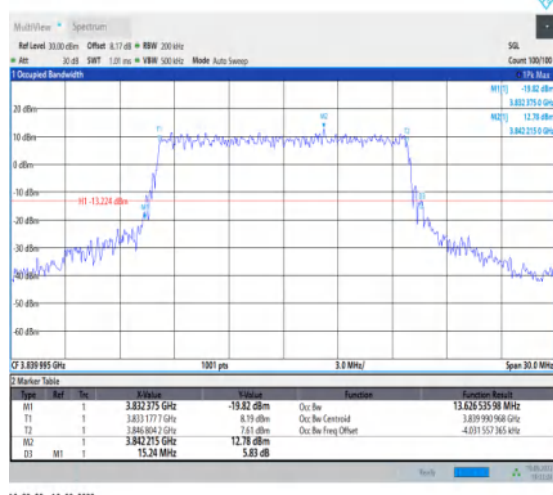
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19-11-12 19-09-2022

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19-11-12 19-09-2022

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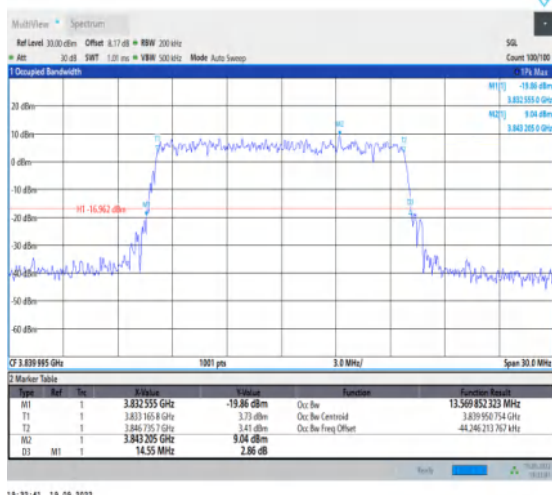
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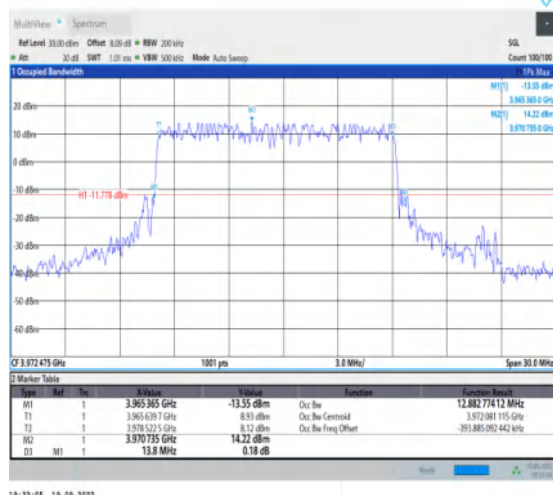
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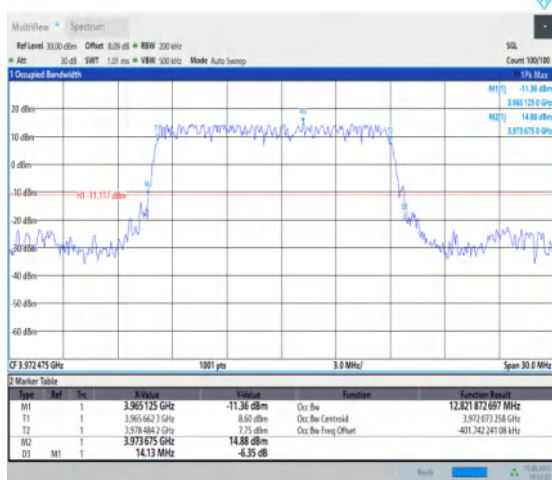
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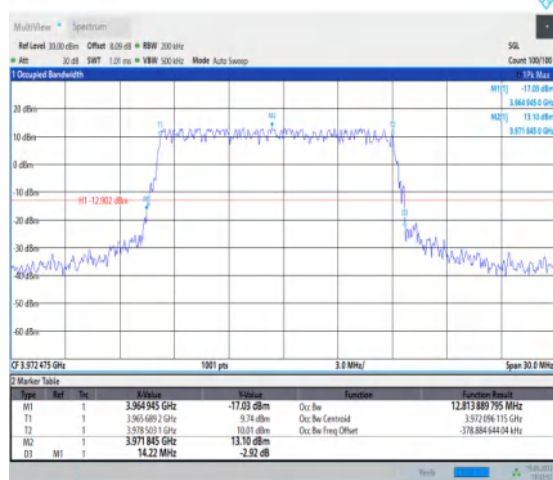
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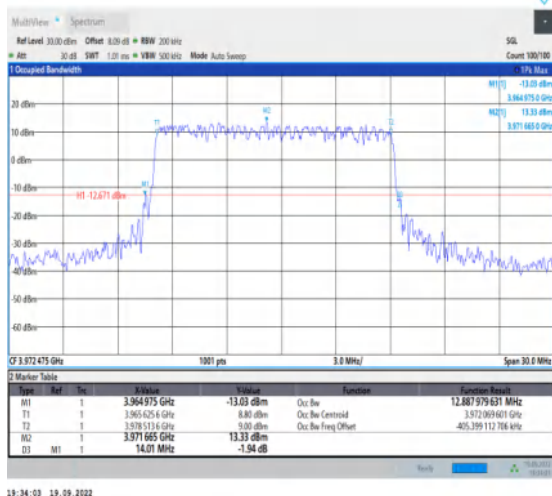
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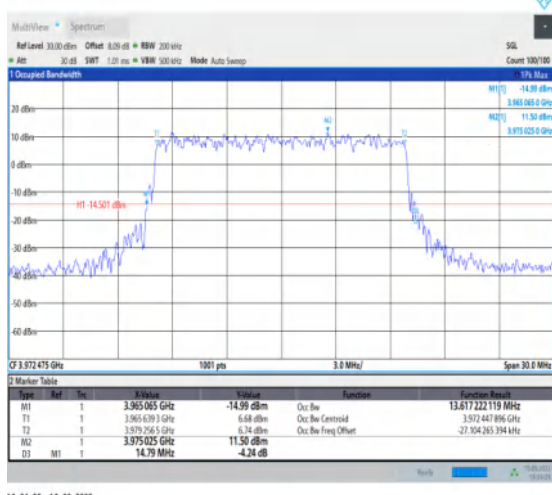
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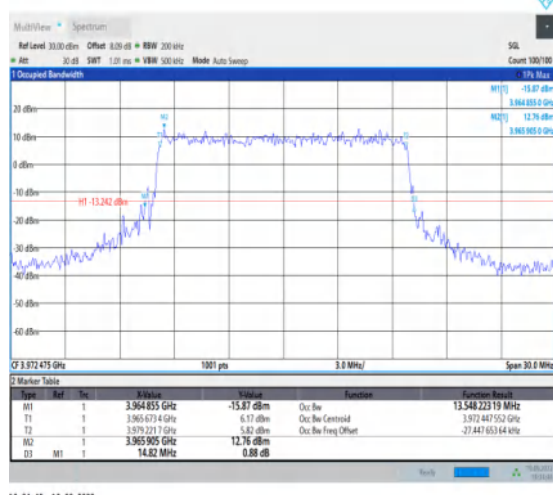
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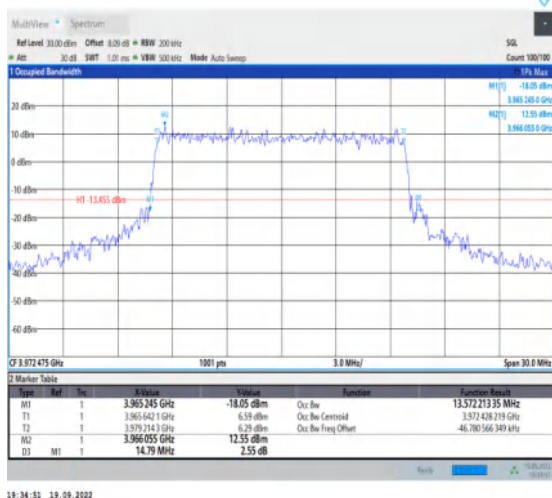
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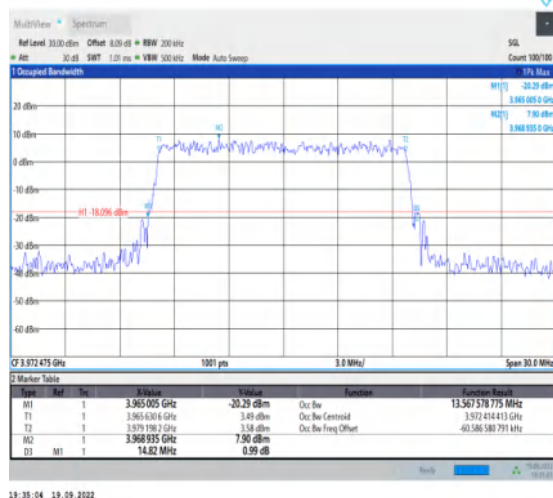
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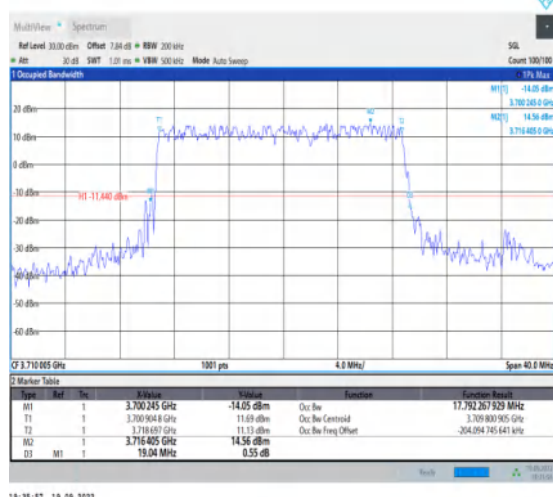
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II-38@0-Ant1-13.568-14.820-≤15-PASS



1-N77-3700-3980--30-20-L-1-DFT-QPSK-Outer\_Full  
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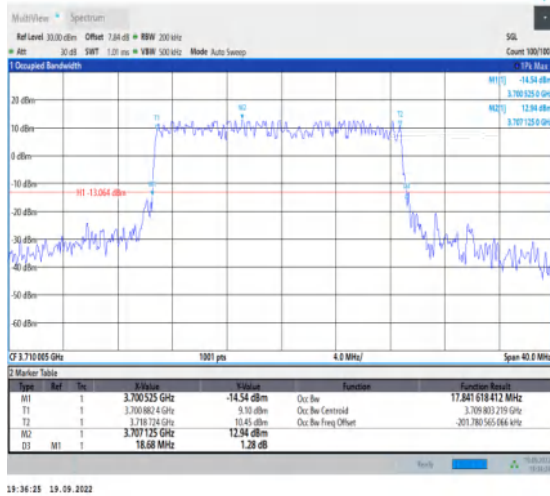
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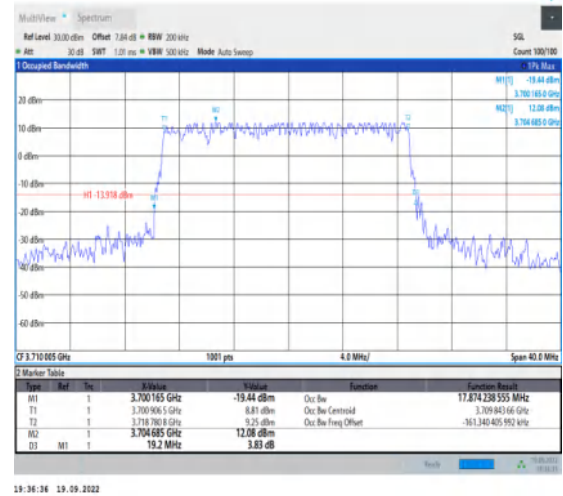
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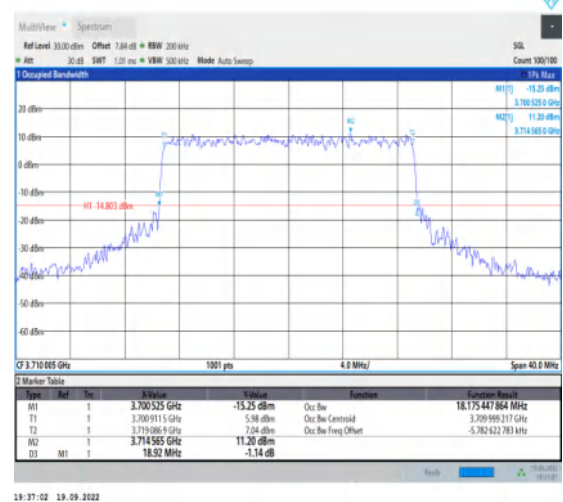
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1-N77-3700-3980--30-20-L-6-CP-QPSK-Outer\_Full-5  
1@0-Ant1-18.175-18.920-≤20-PASS



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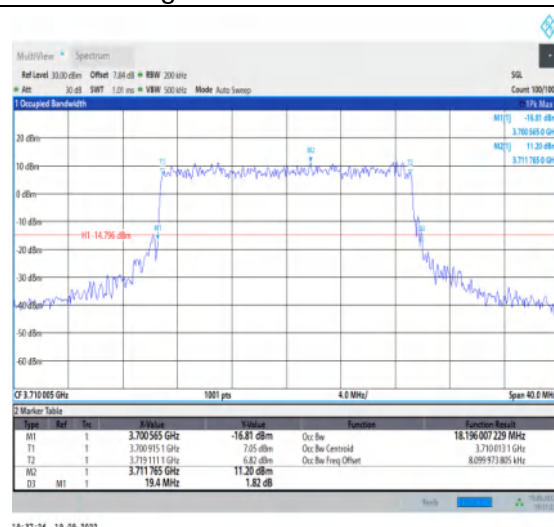
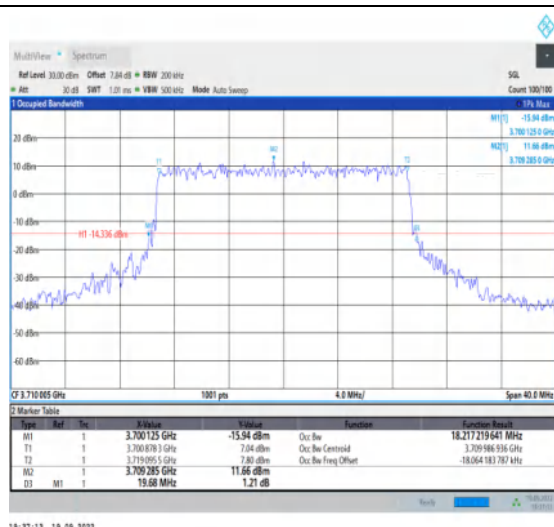
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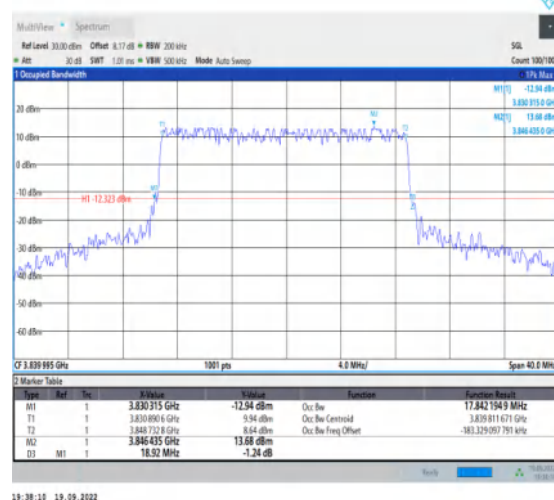
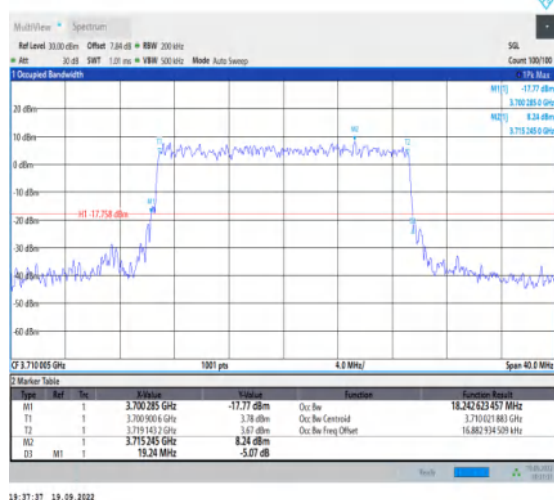
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1-N77-3700-3980--30-20-L-8-CP-64QAM-Outer\_Full-  
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1-N77-3700-3980--30-20-M-1-DFT-QPSK-Outer\_Full  
-50@0-Ant1-17.842-18.920-≤20-PASS



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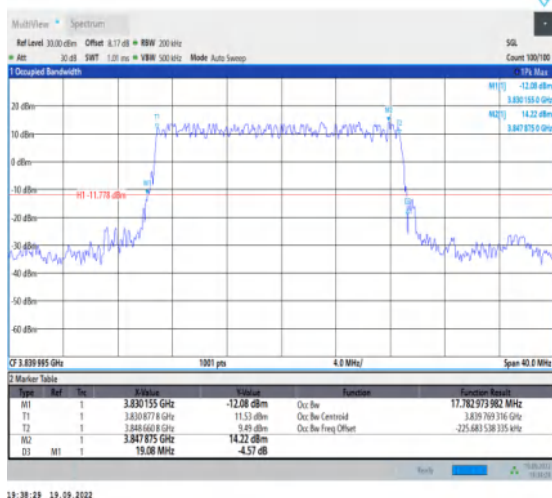
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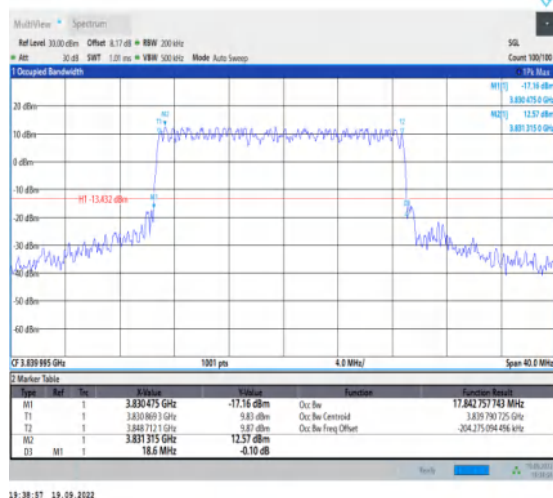
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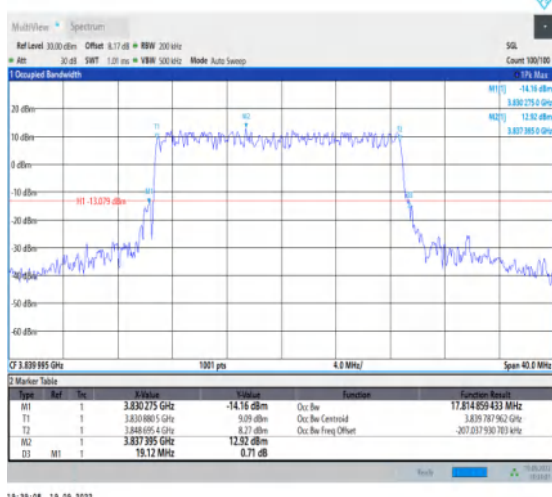
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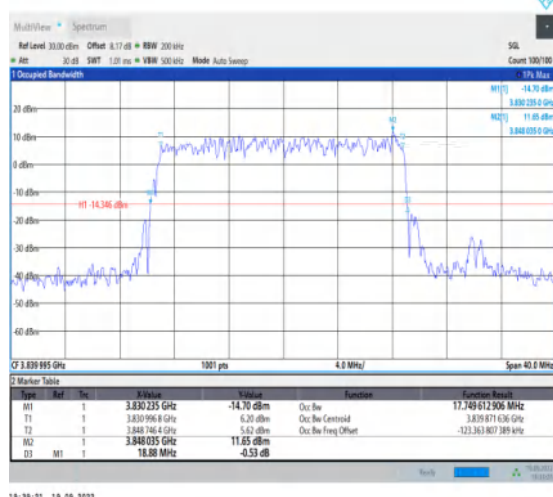
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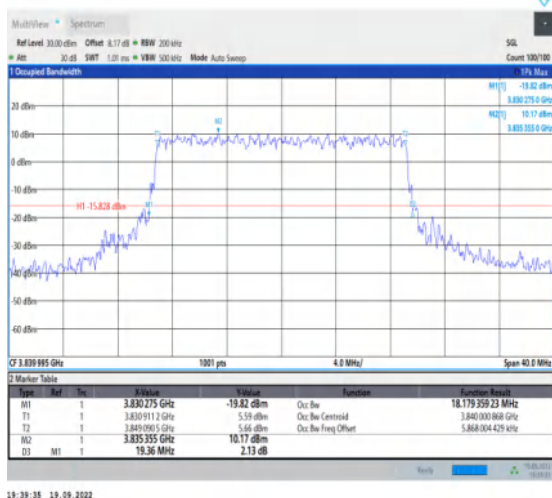


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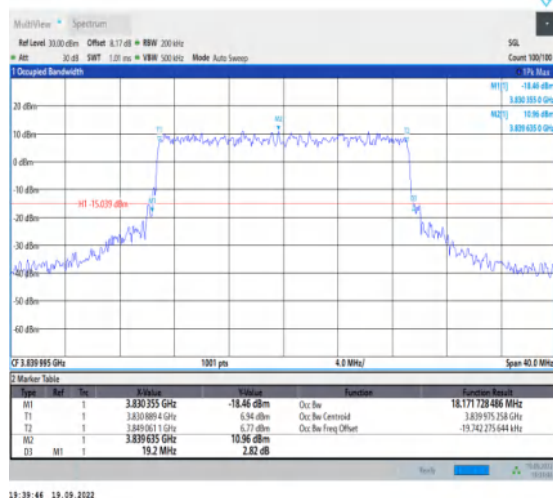
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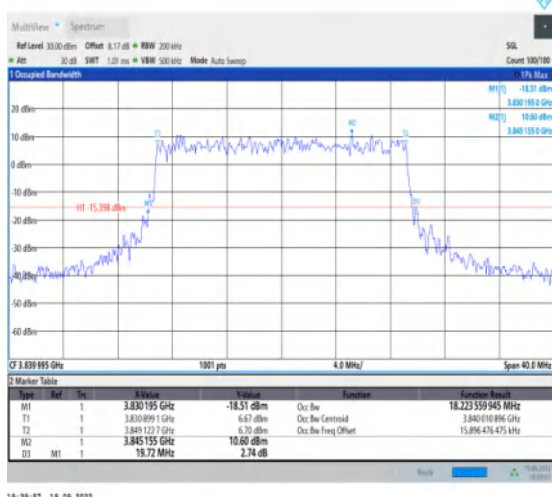
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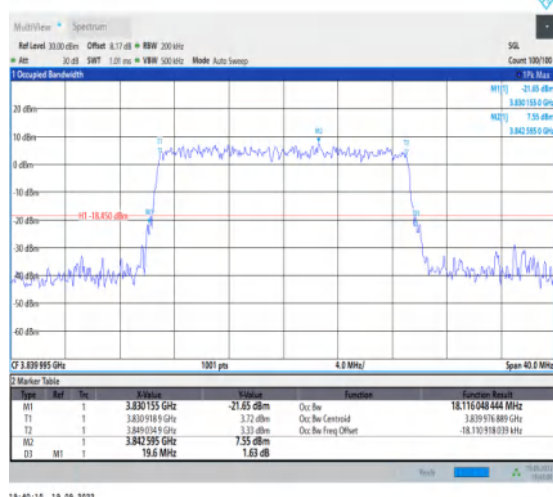
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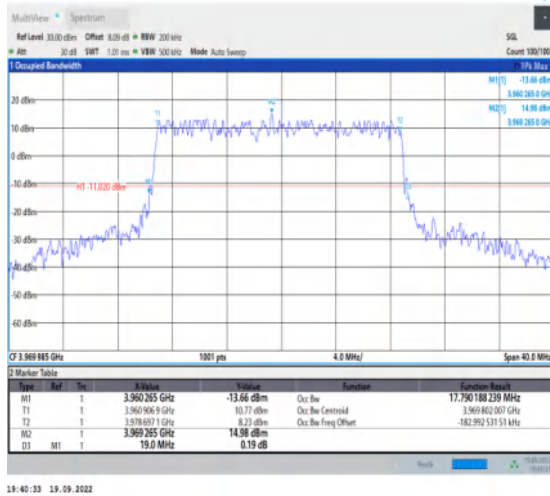
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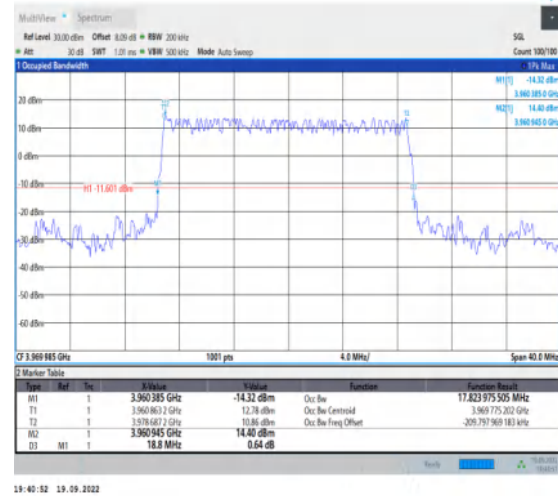
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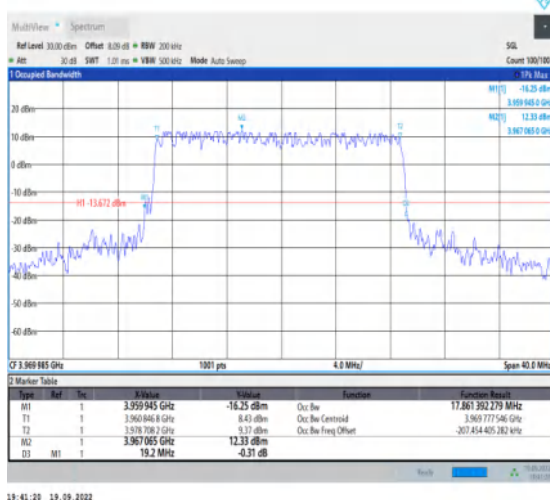
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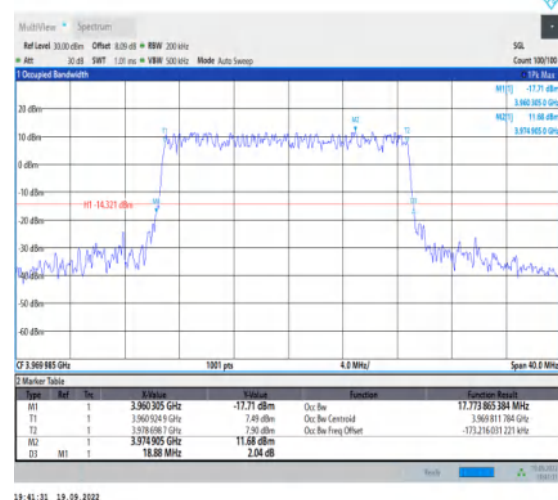
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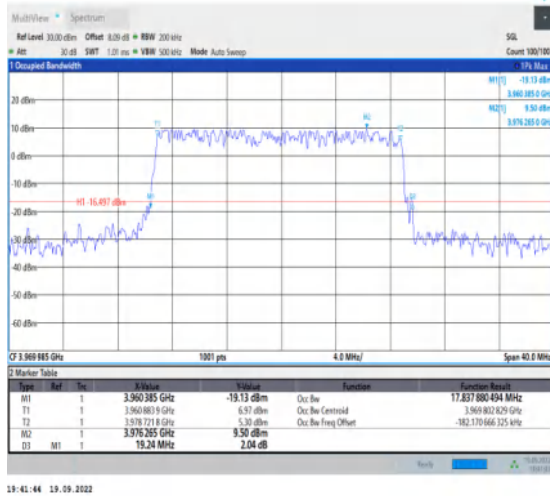
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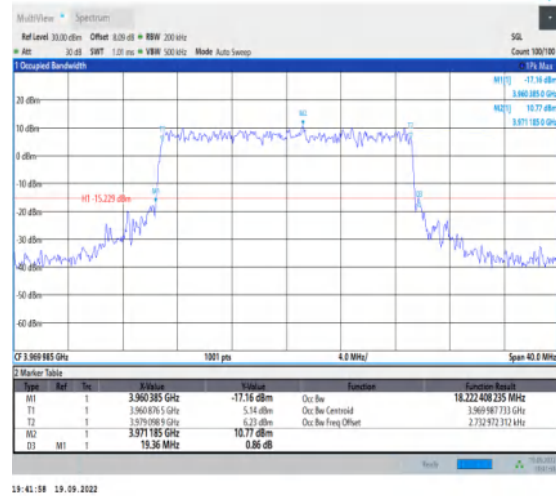
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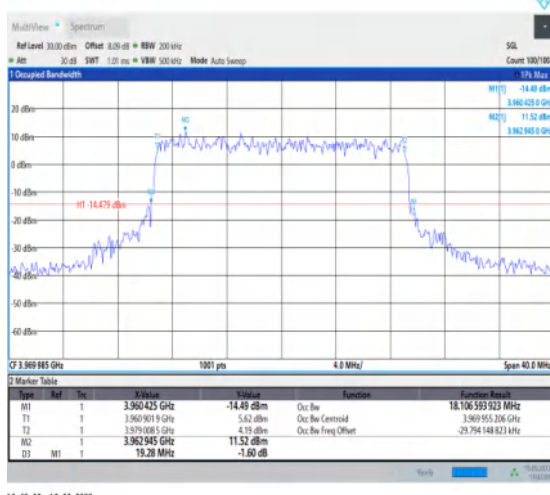
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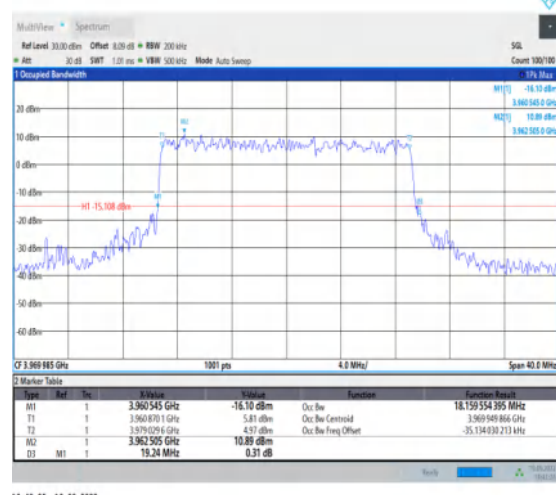
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19-12-20 19-09-2022

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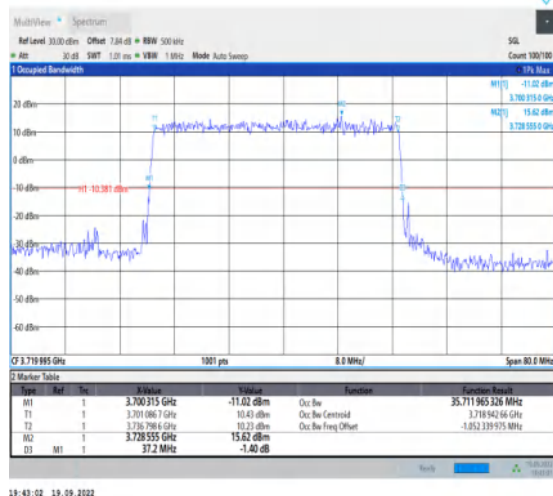
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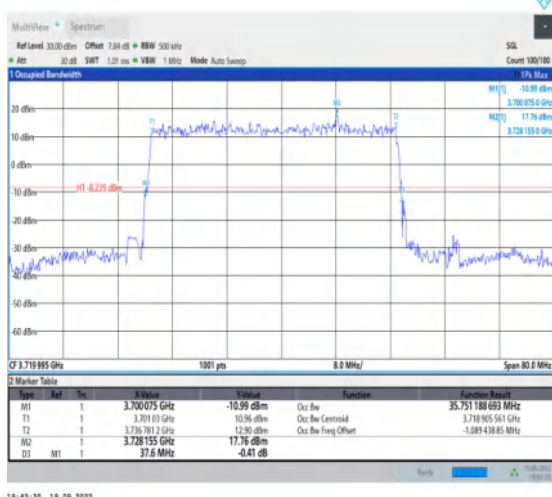
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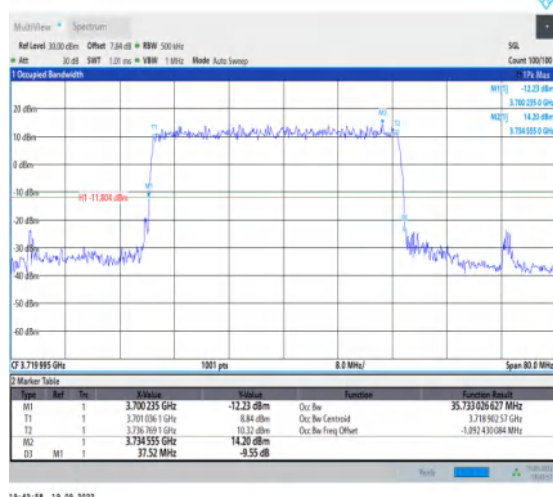
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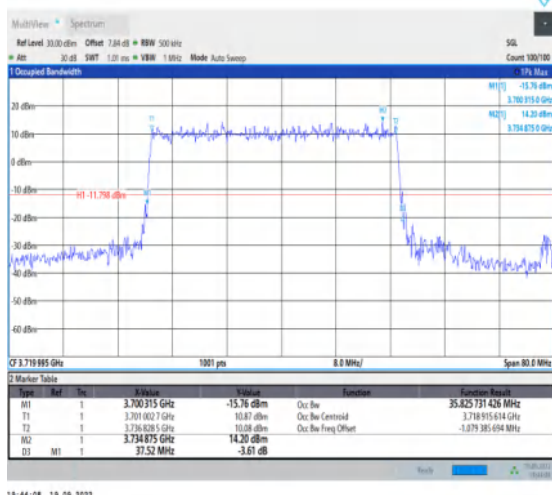
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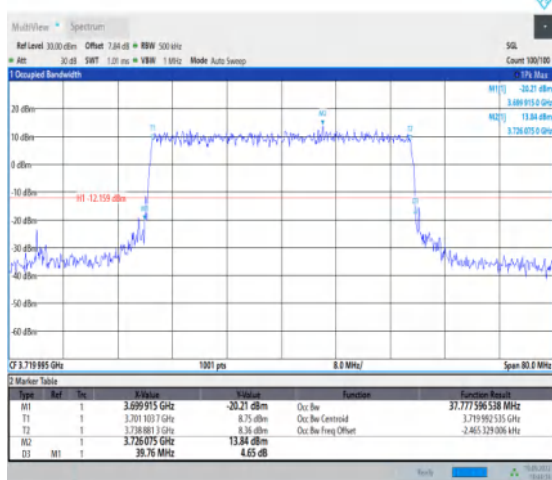
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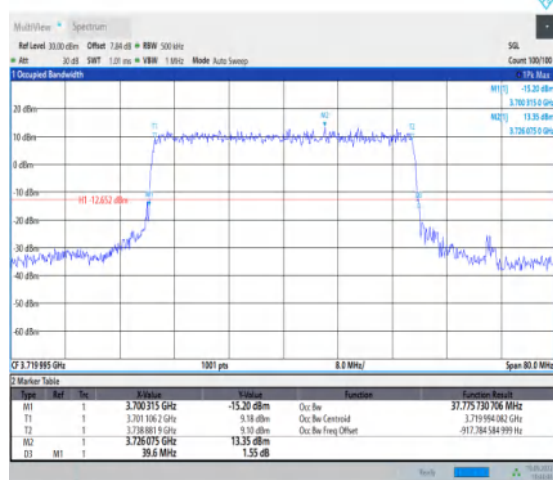
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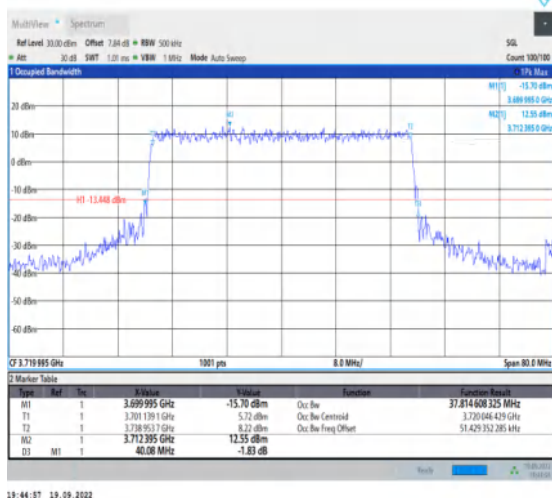
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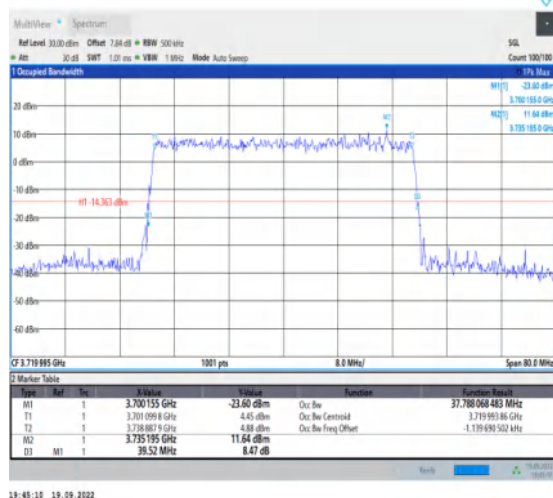
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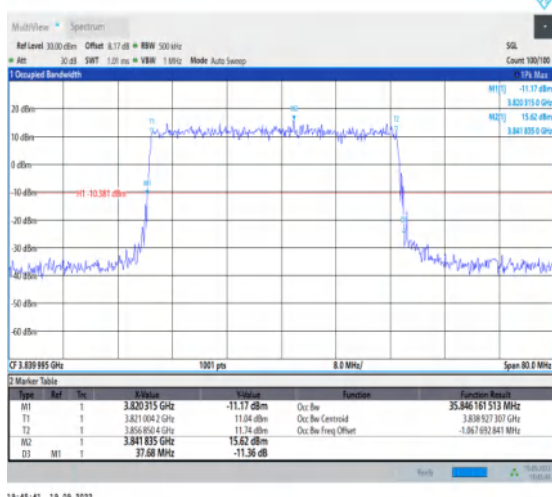
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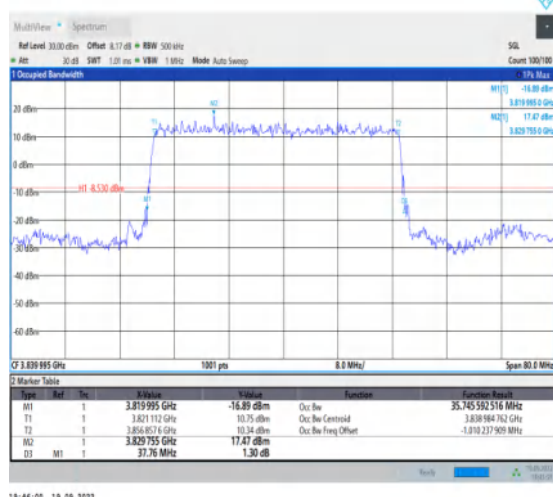
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1-N77-3700-3980--30-40-L-9-CP-256QAM-Outer\_Ful  
I-106@0-Ant1-37.788-39.520-≤40-PASS



19:45:42 19-09-2022



19:46:00 19-09-2022

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I-100@0-Ant1-35.846-37.680-≤40-PASS

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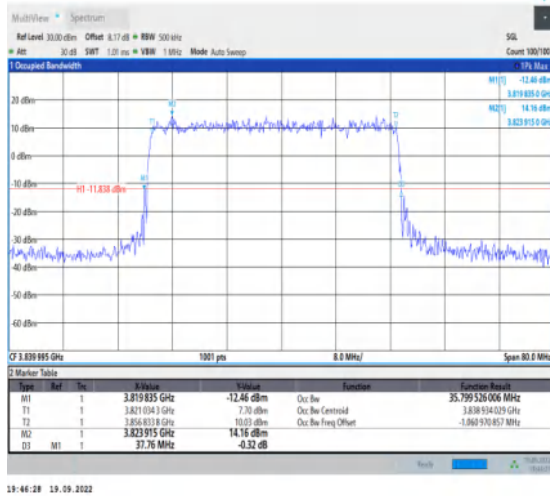
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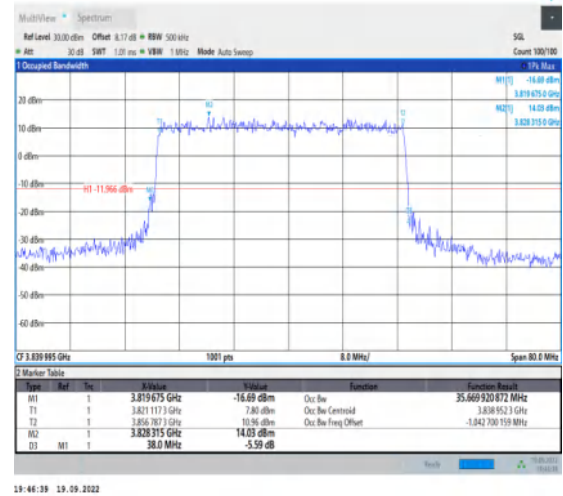
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19:46:28 19-09-2022



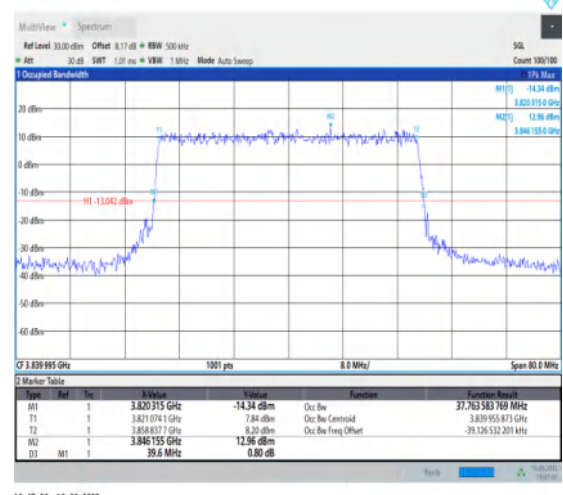
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19:46:52 19-09-2022



19:47:06 19-09-2022

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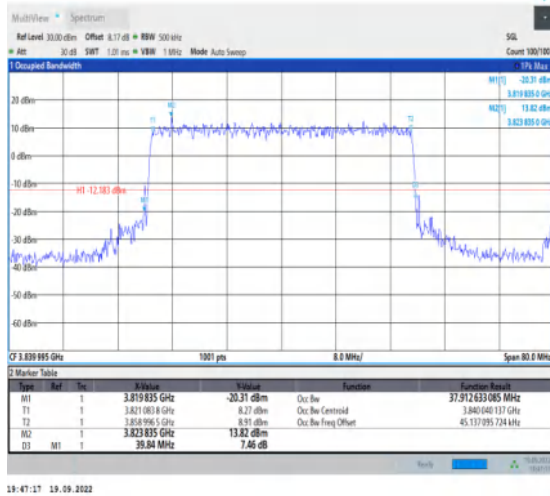


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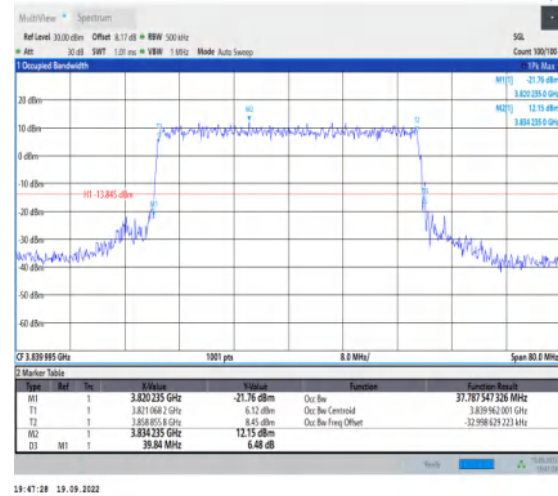
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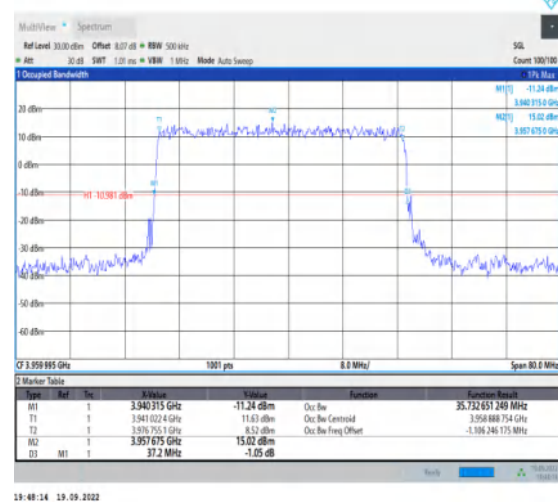
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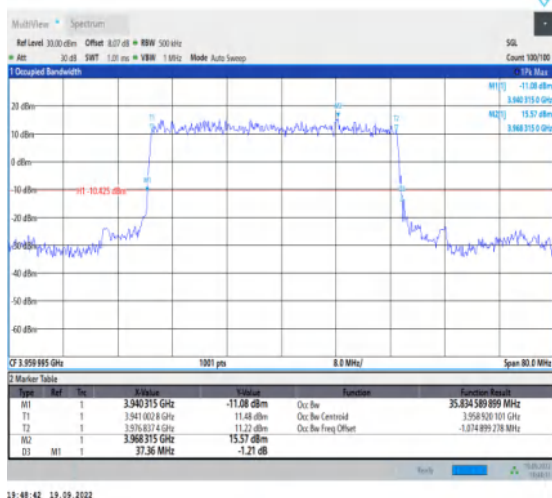


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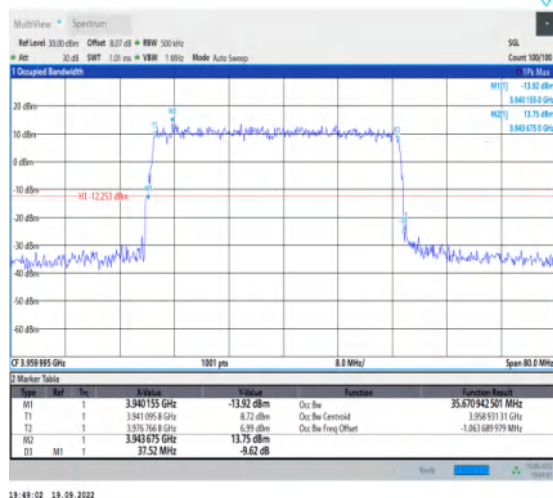
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19-08-42 19-09-2022

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19-09-02 19-09-2022

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19-09-13 19-09-2022

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19-09-25 19-09-2022

1-N77-3700-3980--30-40-H-5-DFT-256QAM-Outer\_Full-100@0-Ant1-35.712-37.600-≤40-PASS



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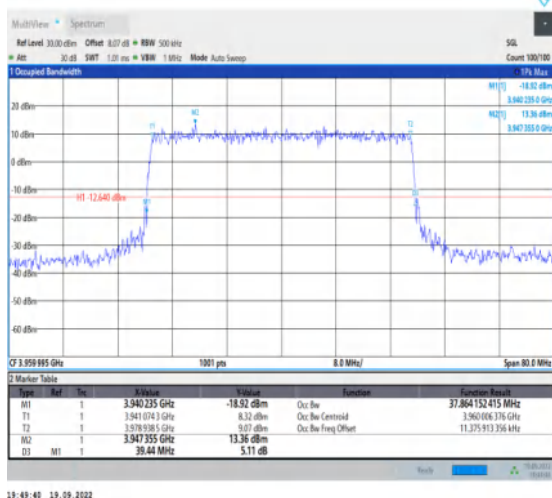
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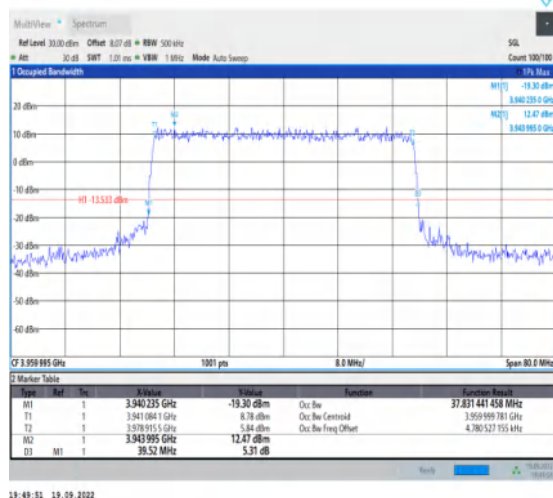
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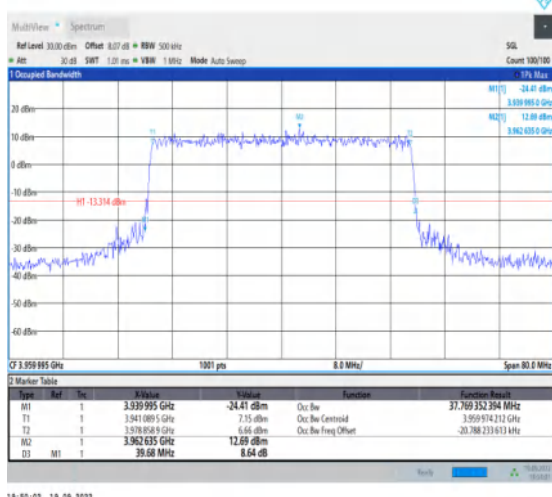
Report No.: SEWM2208000155RG02  
Rev.: 01  
Page: 65 of 161



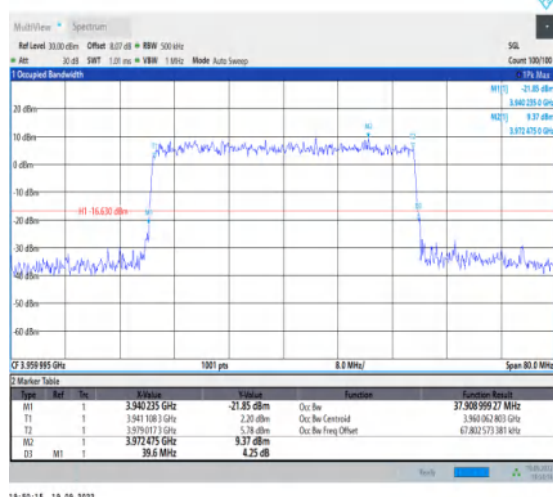
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1-N77-3700-3980--30-40-H-8-CP-64QAM-Outer\_Ful-I-106@0-Ant1-37.769-39.680-≤40-PASS



1-N77-3700-3980--30-40-H-9-CP-256QAM-Outer\_Fu-II-106@0-Ant1-37.909-39.600-≤40-PASS



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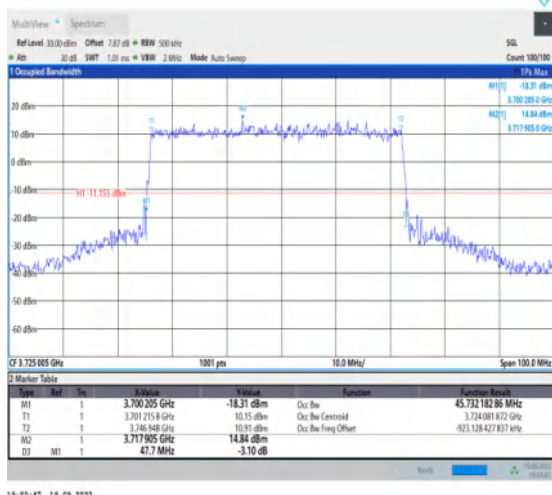
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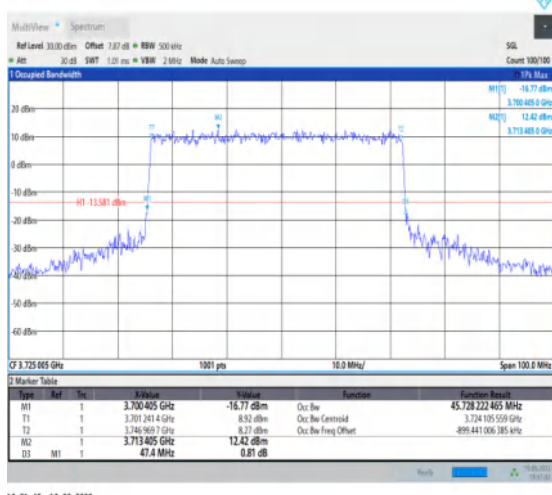
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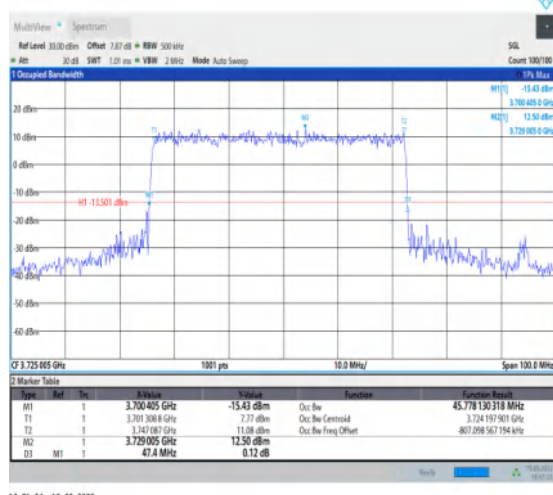
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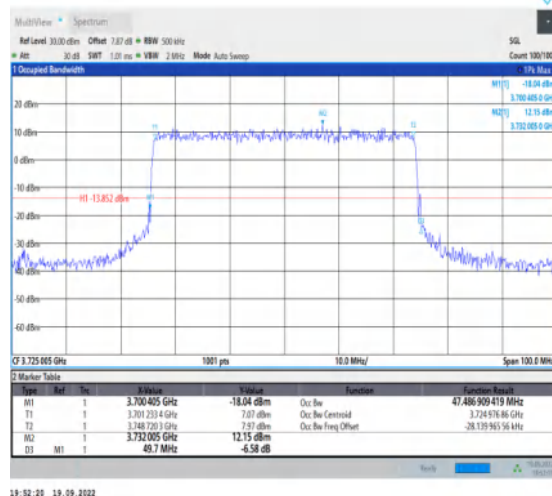
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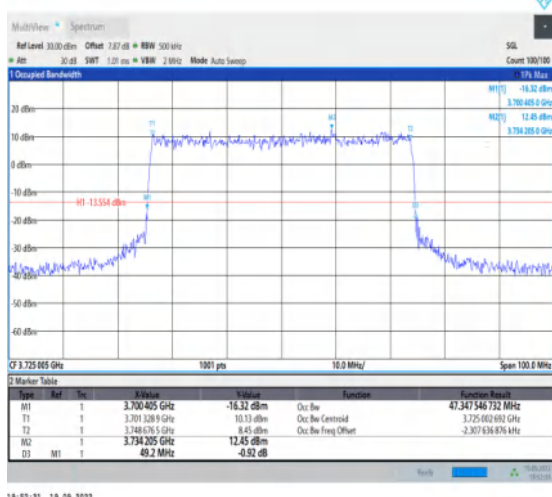
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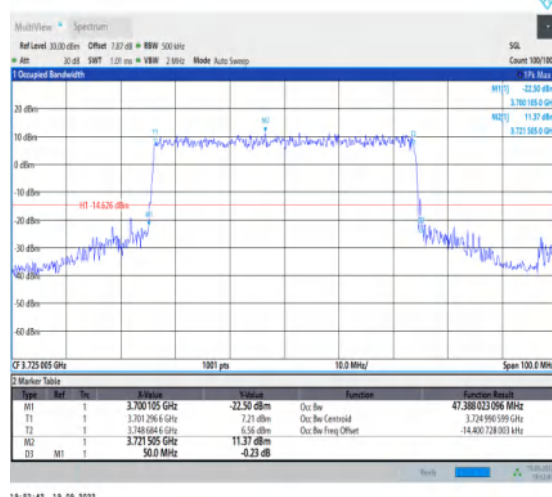
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1-N77-3700-3980--30-50-L-8-CP-64QAM-Outer\_Full-133@0-Ant1-47.388-50.000-≤50-PASS



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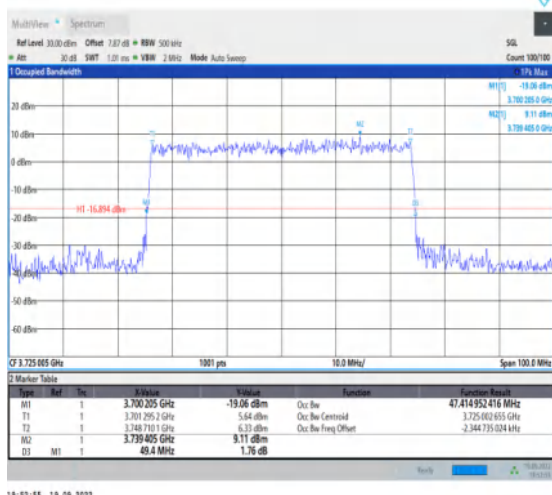
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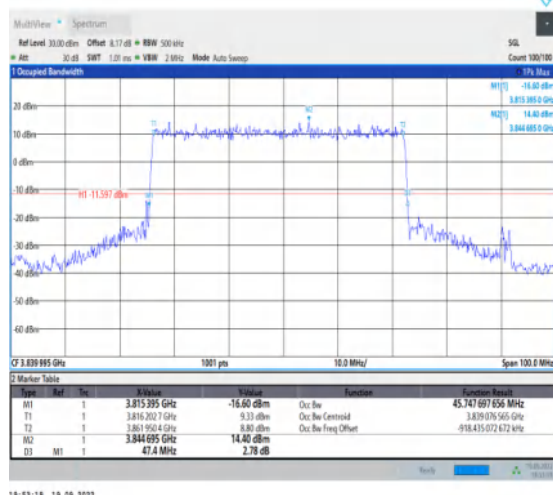
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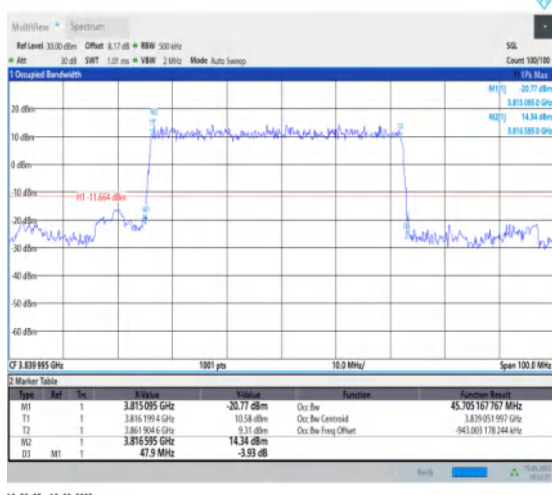
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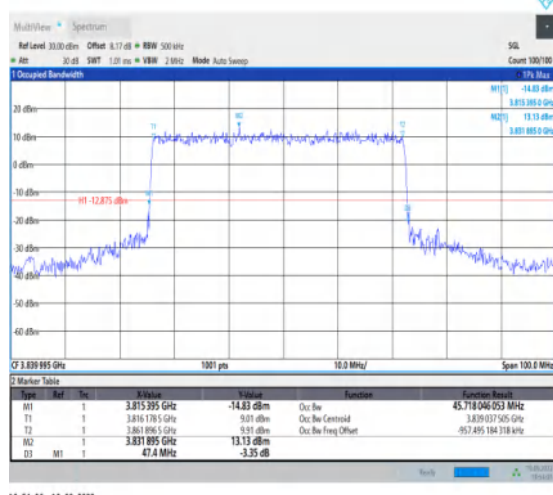
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1-N77-3700-3980--30-50-M-3-DFT-16QAM-Outer\_Full-128@0-Ant1-45.718-47.400-≤50-PASS



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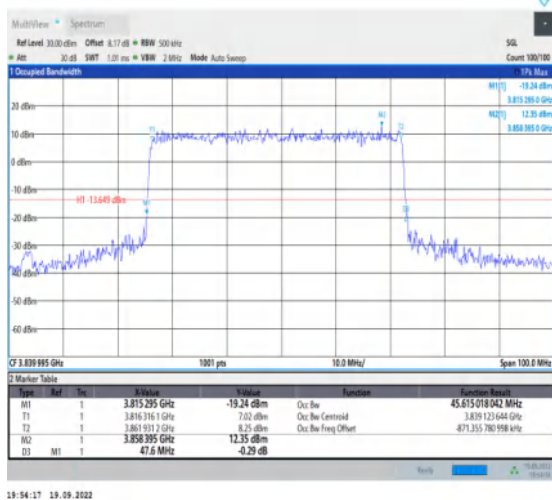
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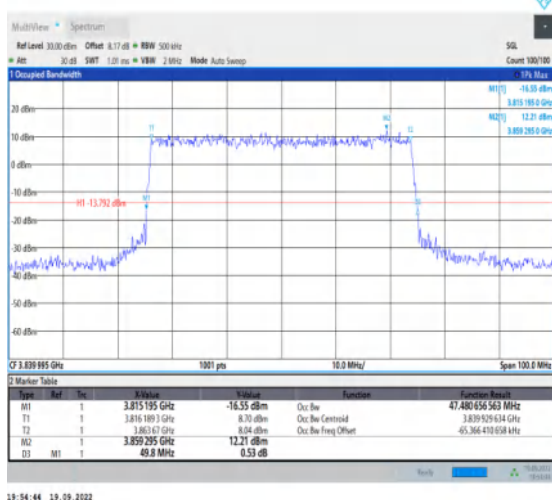
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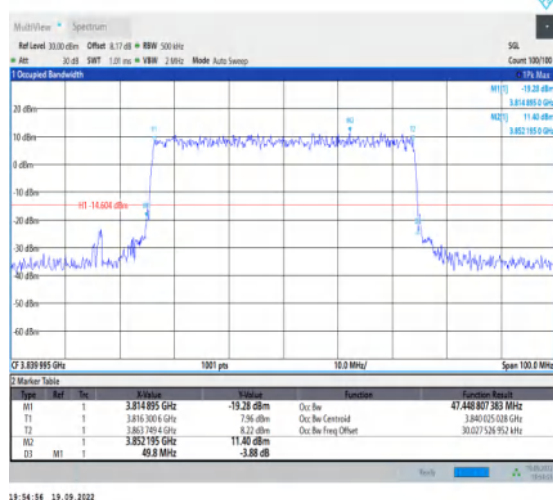
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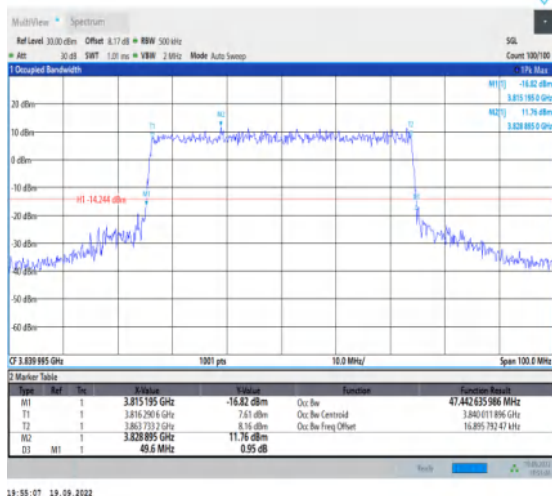
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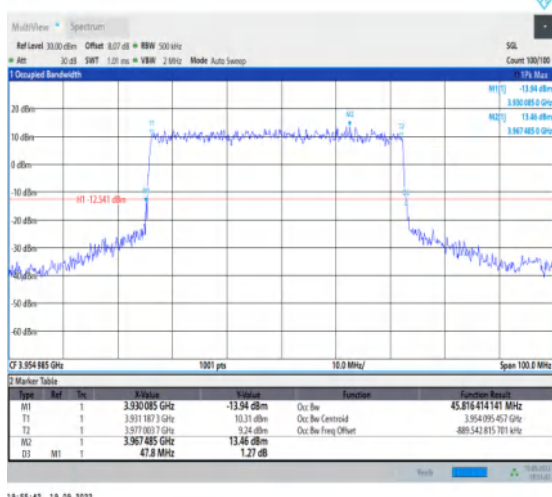
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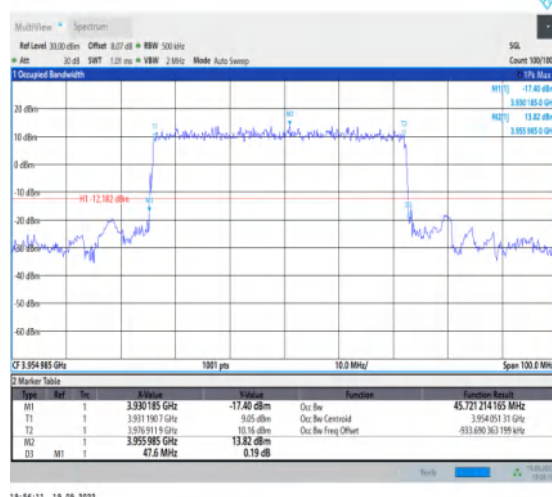
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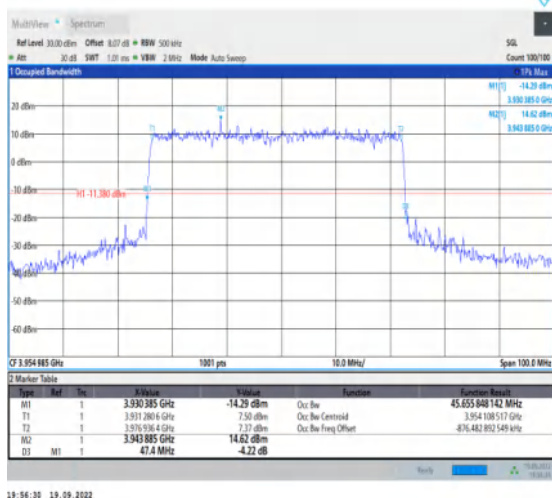
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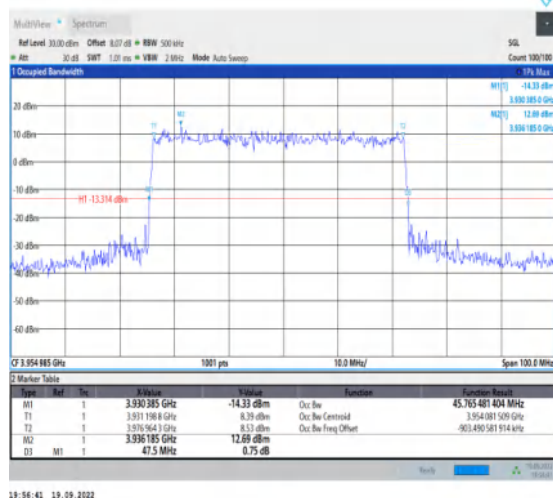
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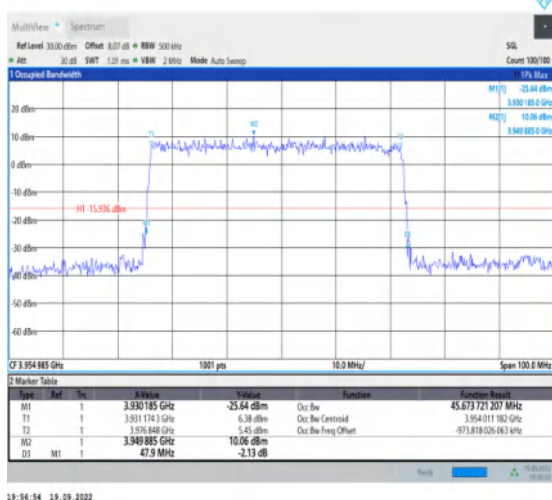
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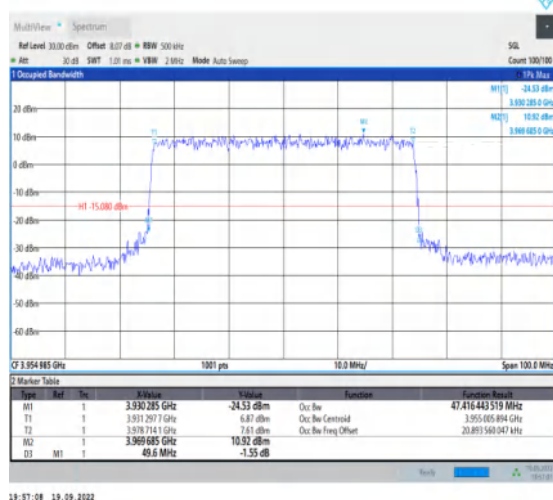
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1-N77-3700-3980--30-50-H-6-CP-QPSK-Outer\_Full-133@0-Ant1-47.416-49.600-≤50-PASS



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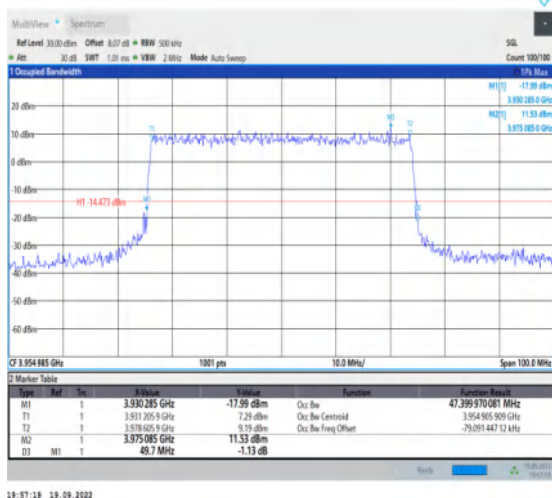
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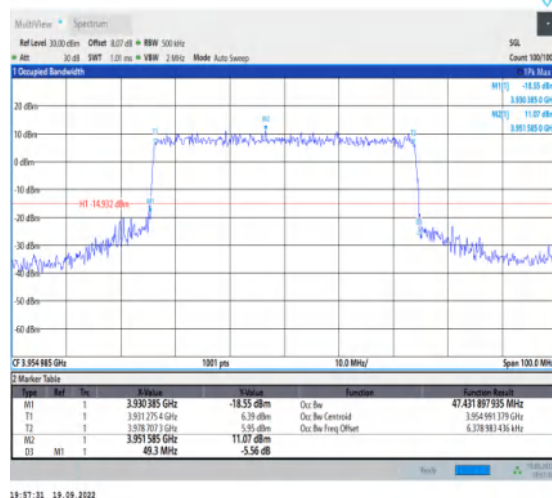
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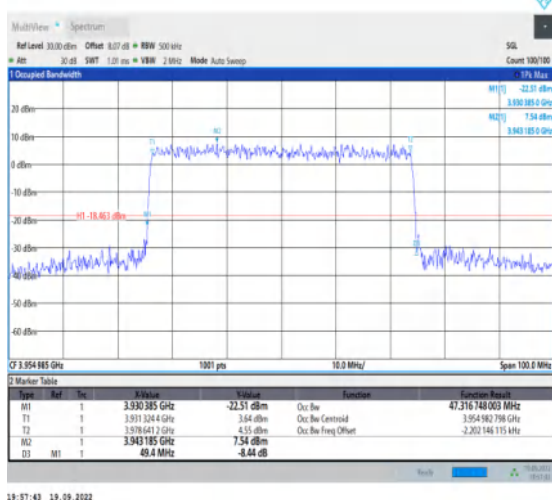
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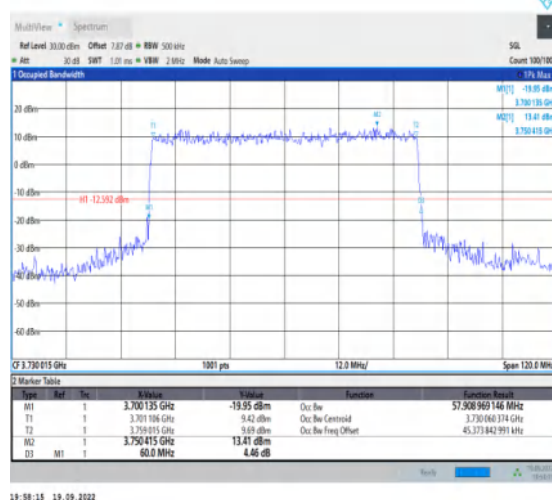
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1-N77-3700-3980--30-50-H-9-CP-256QAM-Outer\_Full  
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1-N77-3700-3980--30-60-L-1-DFT-QPSK-Outer\_Full  
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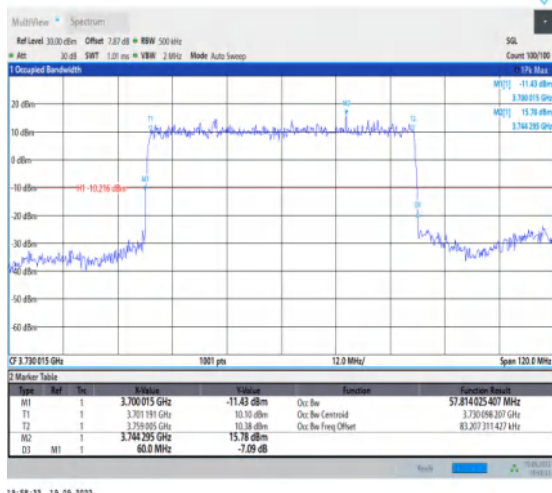
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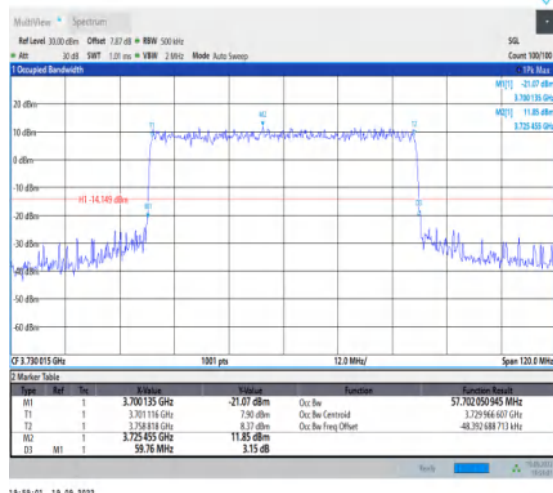
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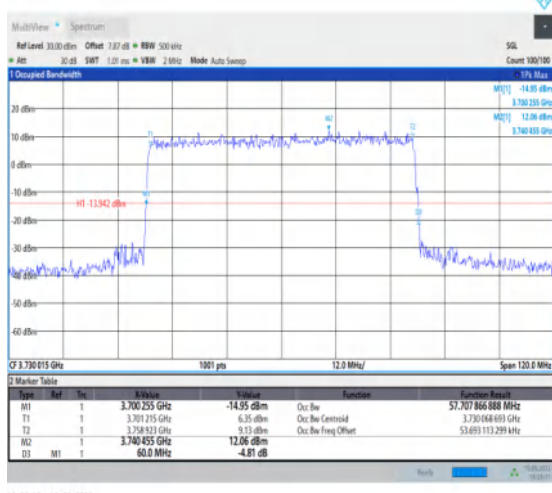
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1-N77-3700-3980--30-60-L-5-DFT-256QAM-Outer\_Full-162@0-Ant1-57.789-60.240-≤60-PASS



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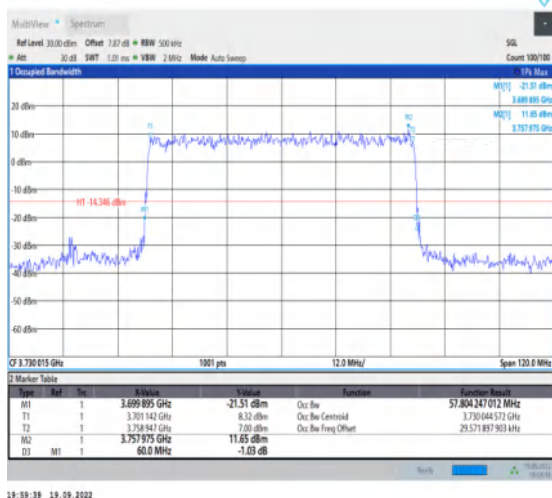
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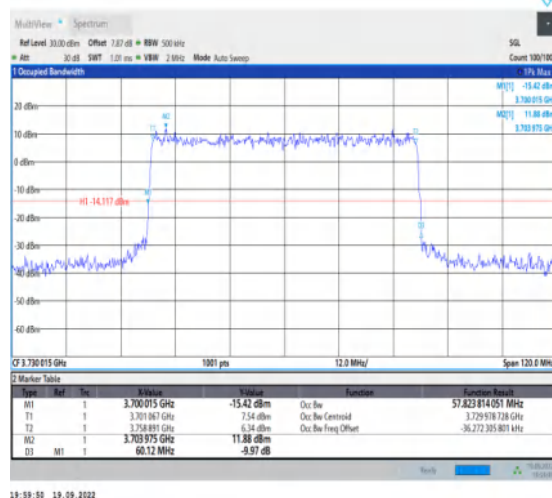
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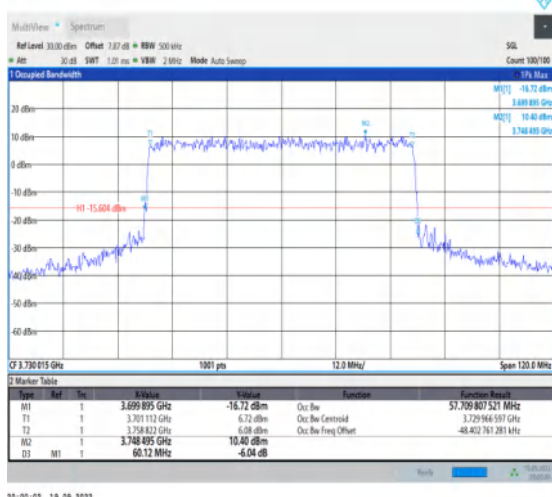
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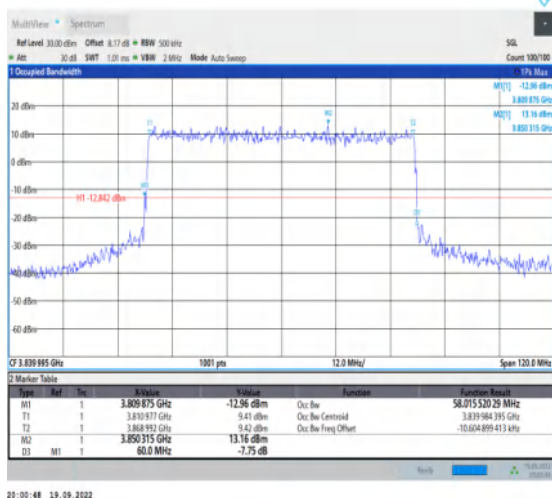
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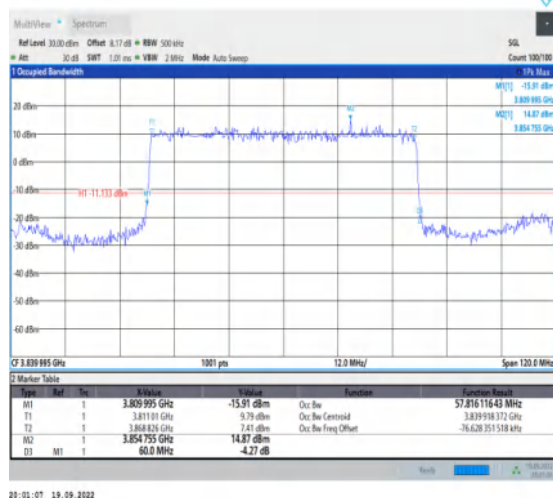
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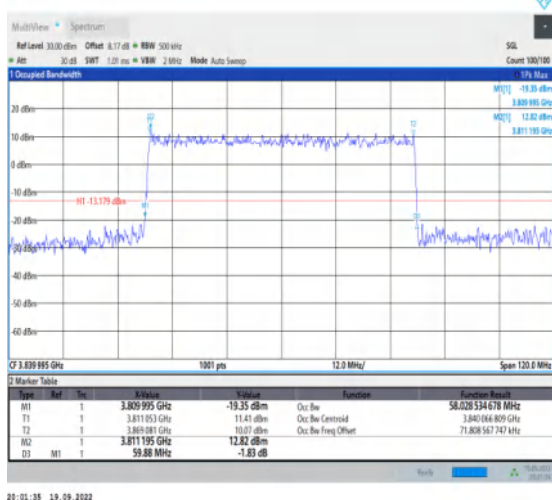
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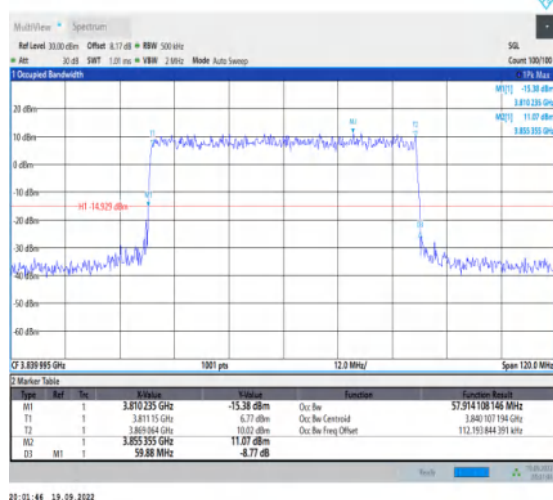
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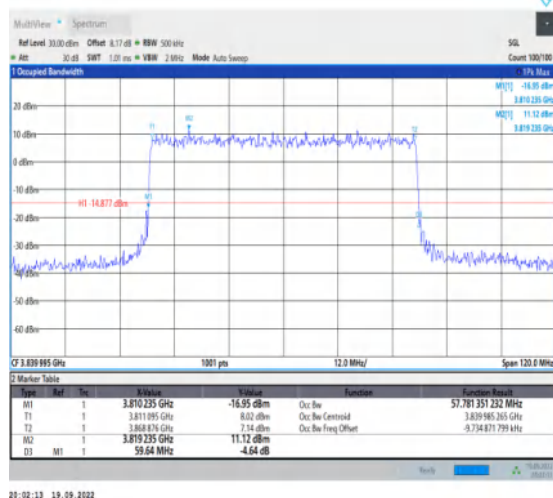
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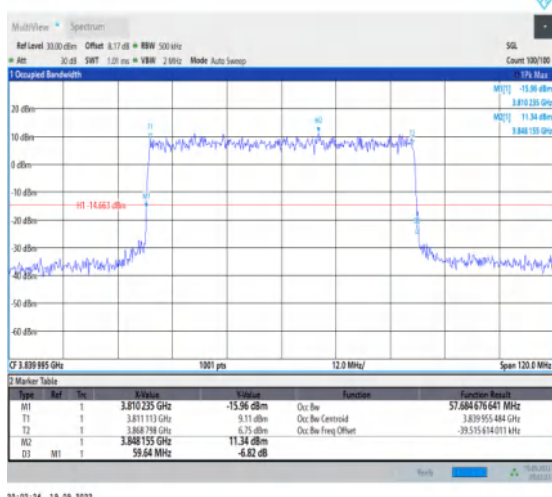
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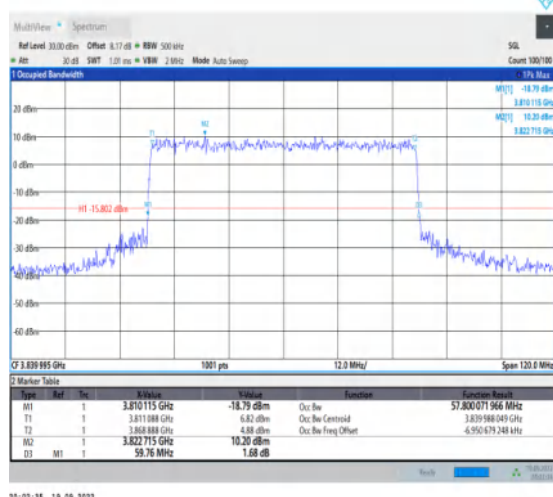
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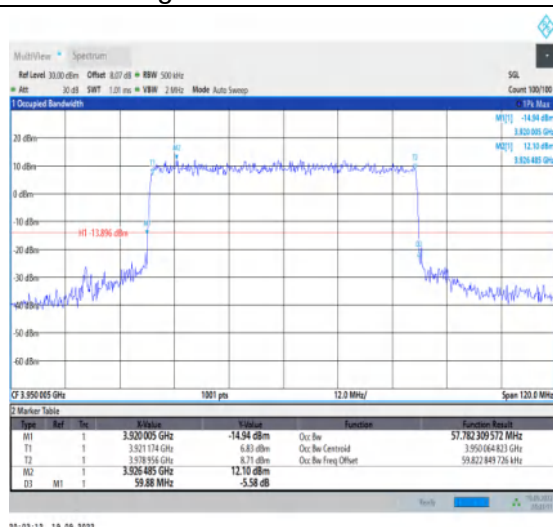
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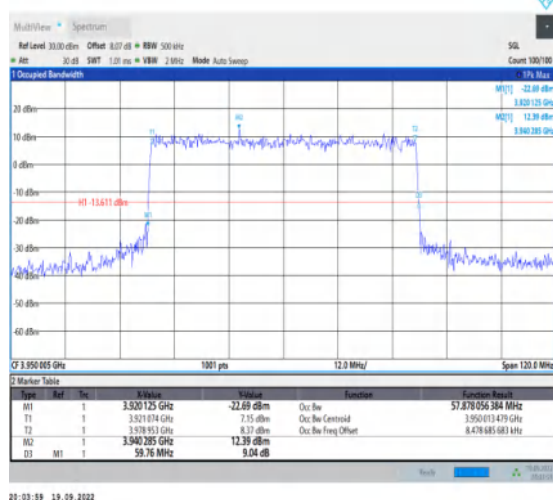
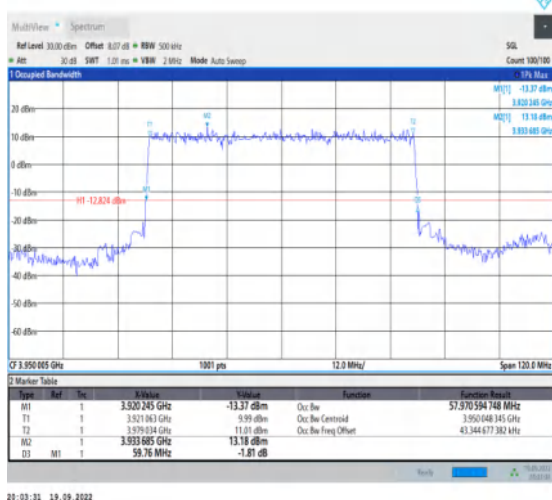
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1-N77-3700-3980--30-60-M-9-CP-256QAM-Outer\_Full-162@0-Ant1-57.646-59.760-≤60-PASS

1-N77-3700-3980--30-60-H-1-DFT-QPSK-Outer\_Full-162@0-Ant1-57.782-59.880-≤60-PASS



1-N77-3700-3980--30-60-H-2-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-57.971-59.760-≤60-PASS

1-N77-3700-3980--30-60-H-3-DFT-16QAM-Outer\_Full-162@0-Ant1-57.878-59.760-≤60-PASS



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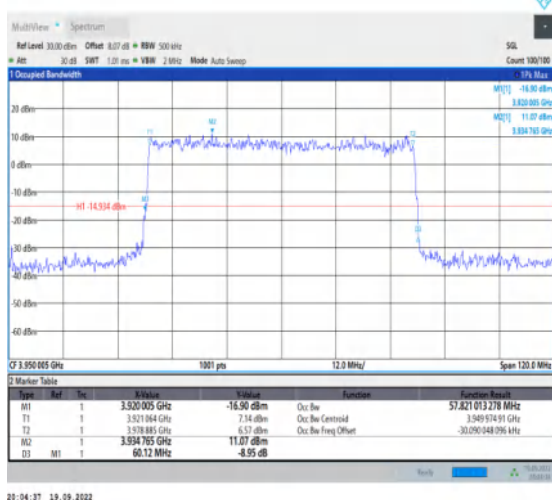
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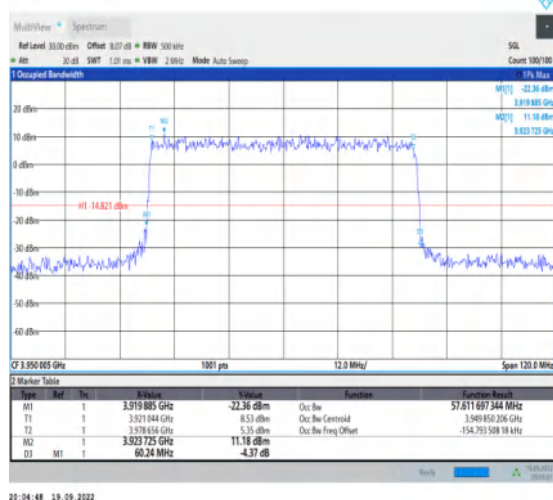
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1-N77-3700-3980--30-60-H-6-CP-QPSK-Outer\_Full-162@0-Ant1-57.821-60.120-≤60-PASS



1-N77-3700-3980--30-60-H-7-CP-16QAM-Outer\_Full-162@0-Ant1-57.612-60.240-≤60-PASS



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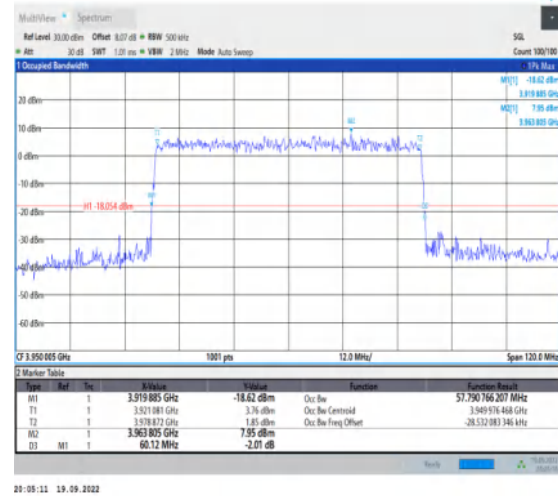
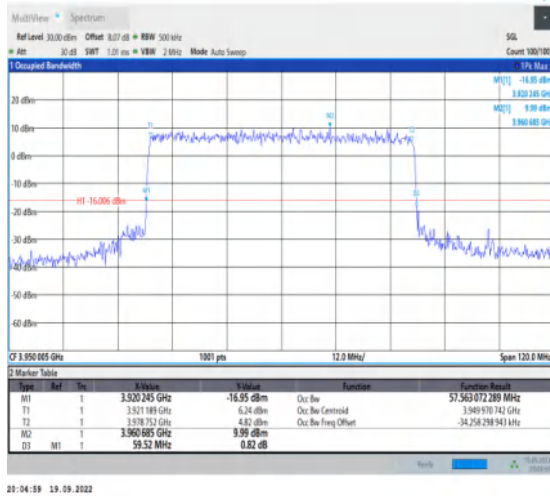
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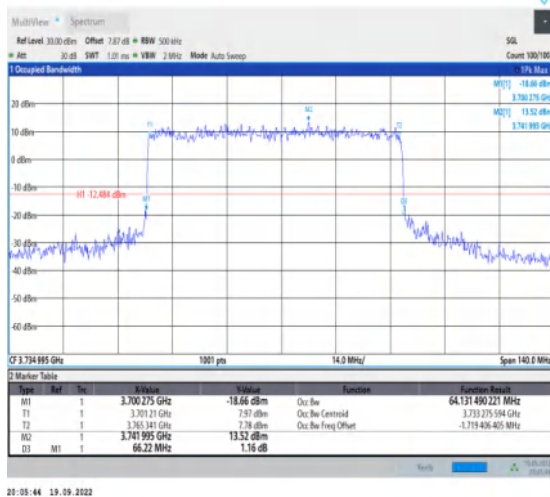
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I-162@0-Ant1-57.563-59.520-≤60-PASS

1-N77-3700-3980--30-60-H-9-CP-256QAM-Outer\_Fu  
II-162@0-Ant1-57.791-60.120-≤60-PASS



1-N77-3700-3980--30-70-L-1-DFT-QPSK-Outer\_Full  
-180@0-Ant1-64.131-66.220-≤70-PASS

1-N77-3700-3980--30-70-L-2-DFT-PI2BPSK-Outer\_F  
ull-180@0-Ant1-64.236-66.500-≤70-PASS



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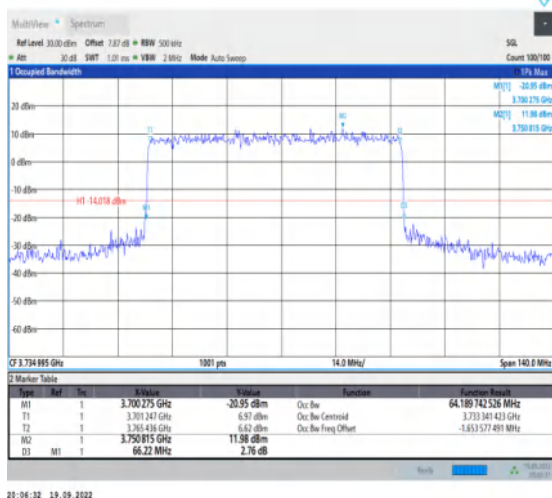
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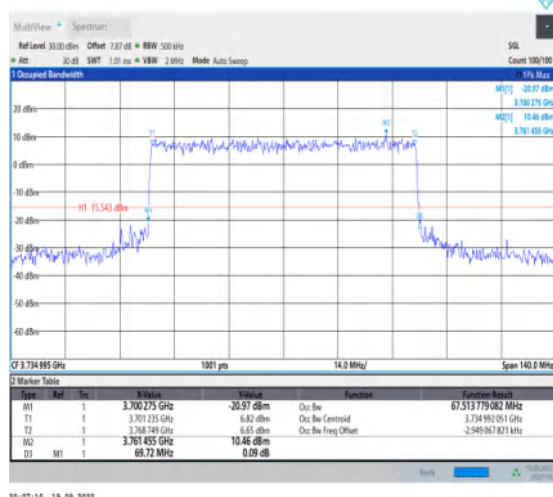
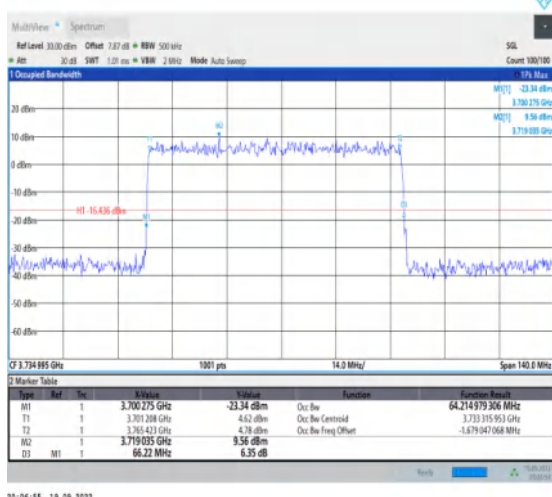
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1-N77-3700-3980--30-70-L-3-DFT-16QAM-Outer\_Fu  
ll-180@0-Ant1-64.19-66.220-≤70-PASS

1-N77-3700-3980--30-70-L-4-DFT-64QAM-Outer\_Ful  
l-180@0-Ant1-64.243-66.220-≤70-PASS



1-N77-3700-3980--30-70-L-5-DFT-256QAM-Outer\_F  
ull-180@0-Ant1-64.215-66.220-≤70-PASS

1-N77-3700-3980--30-70-L-6-CP-QPSK-Outer\_Full-1  
89@0-Ant1-67.514-69.720-≤70-PASS



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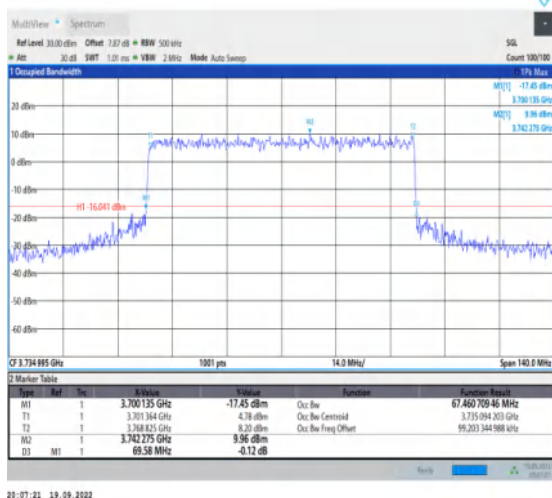
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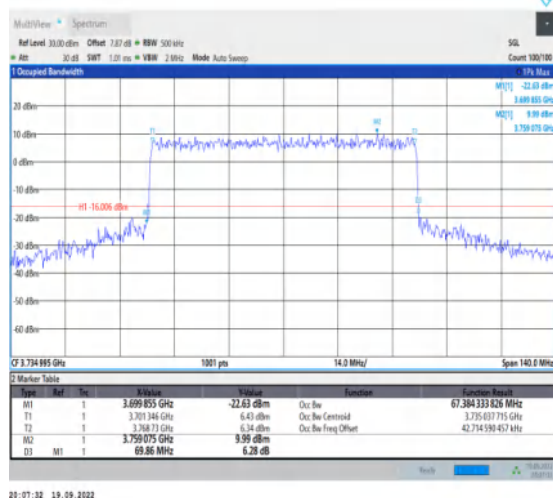
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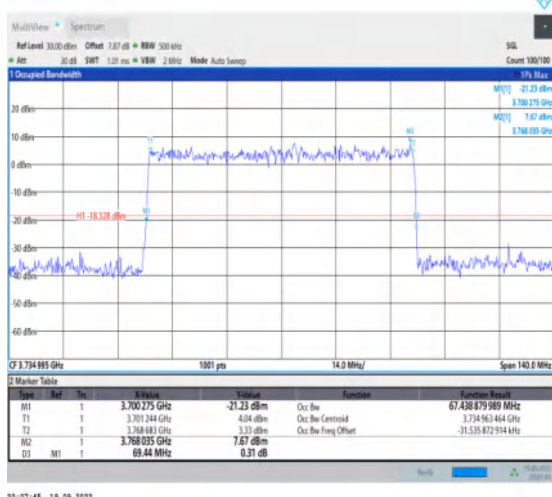
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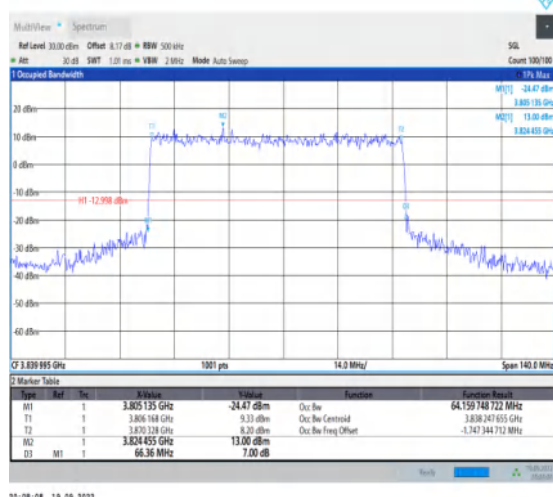
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1-N77-3700-3980--30-70-L-8-CP-64QAM-Outer\_Full  
-189@0-Ant1-67.384-69.860-≤70-PASS



1-N77-3700-3980--30-70-L-9-CP-256QAM-Outer\_Full  
-189@0-Ant1-67.439-69.440-≤70-PASS



1-N77-3700-3980--30-70-M-1-DFT-QPSK-Outer\_Full  
-180@0-Ant1-64.16-66.360-≤70-PASS



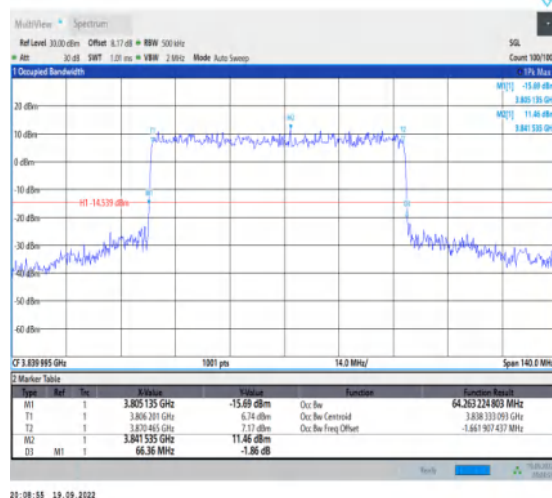
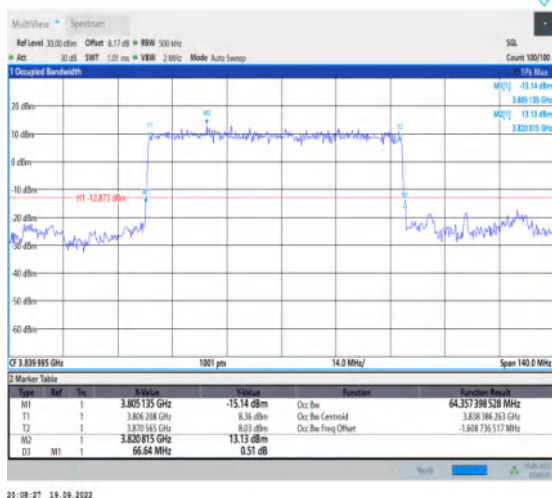
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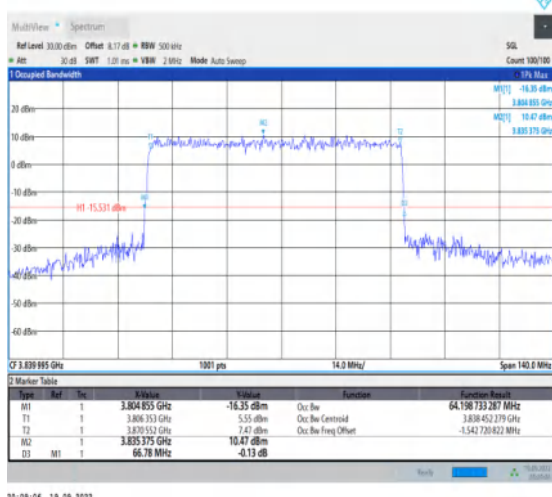
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1-N77-3700-3980--30-70-M-3-DFT-16QAM-Outer\_Full-180@0-Ant1-64.263-66.360-≤70-PASS



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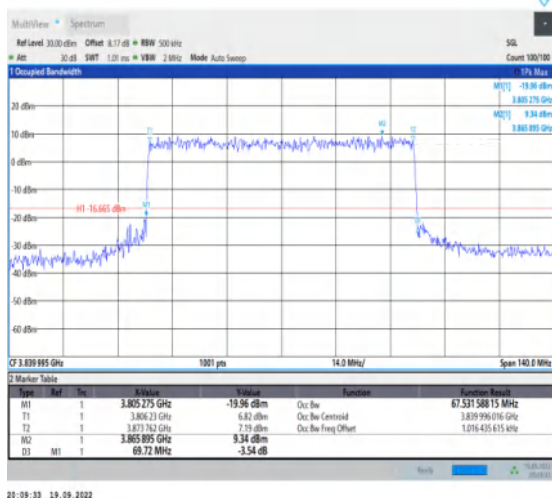


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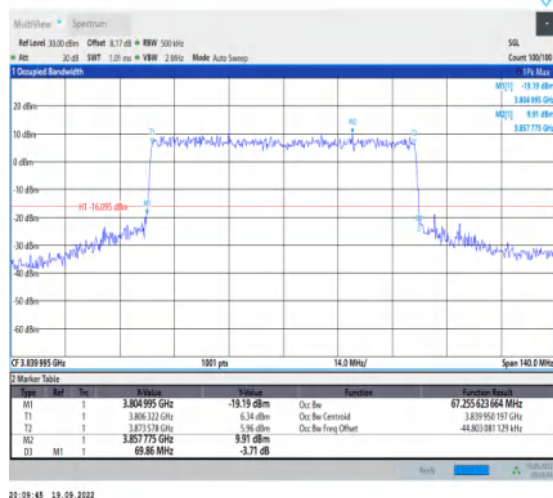
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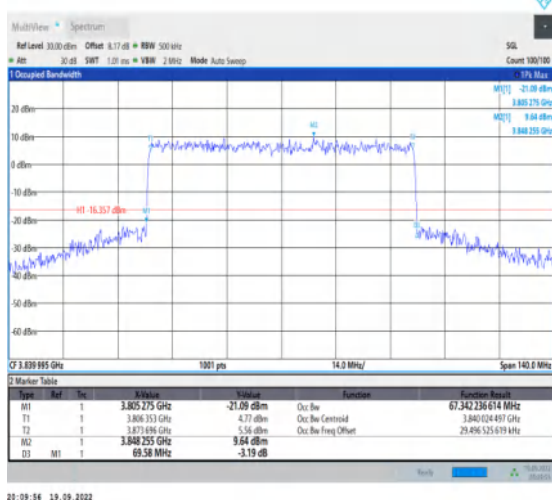
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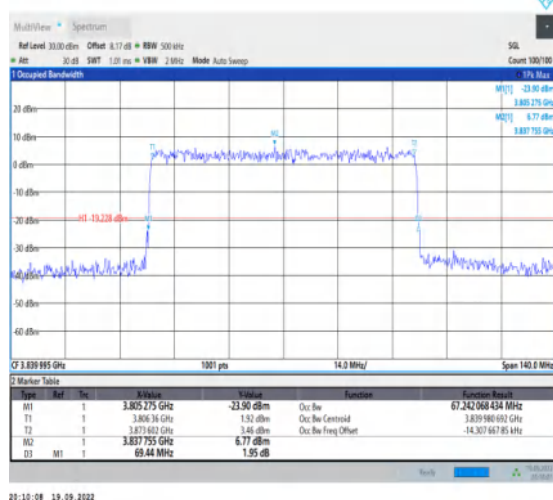
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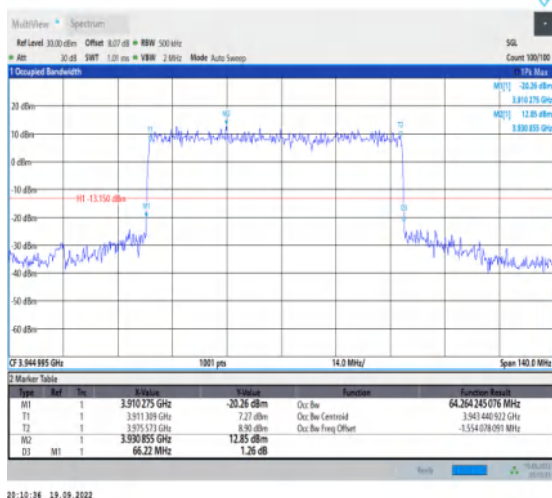
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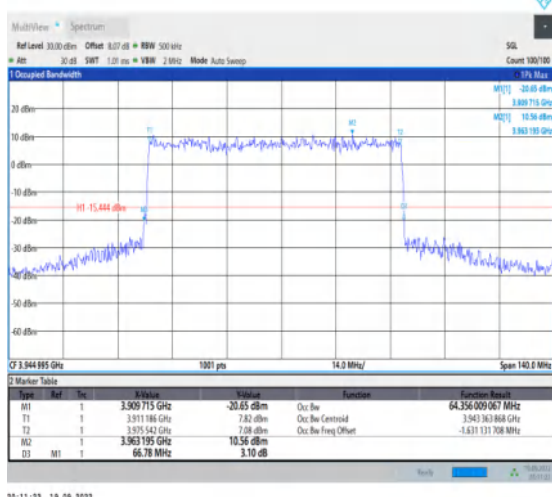
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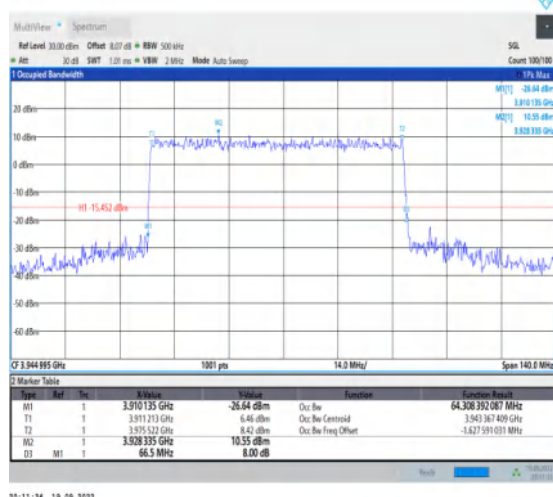
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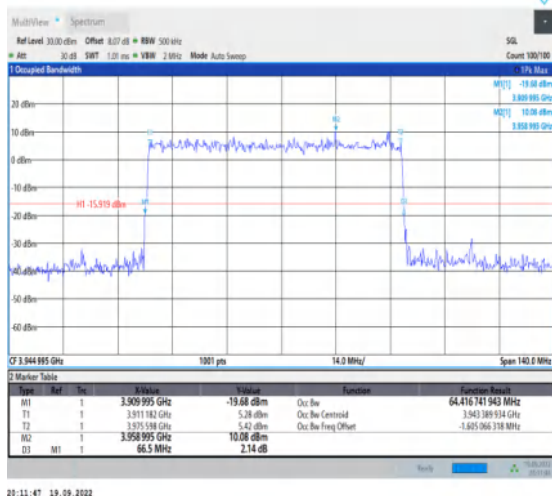
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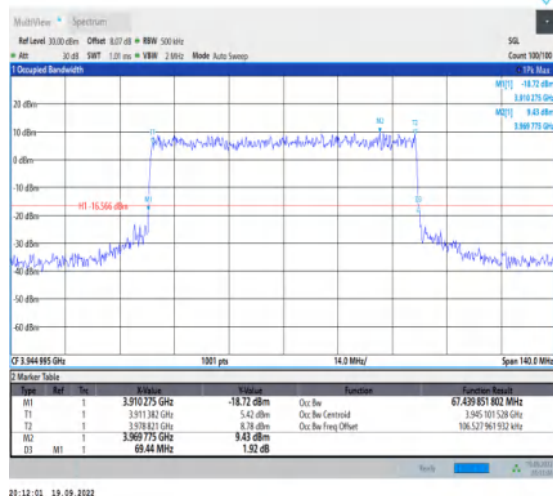
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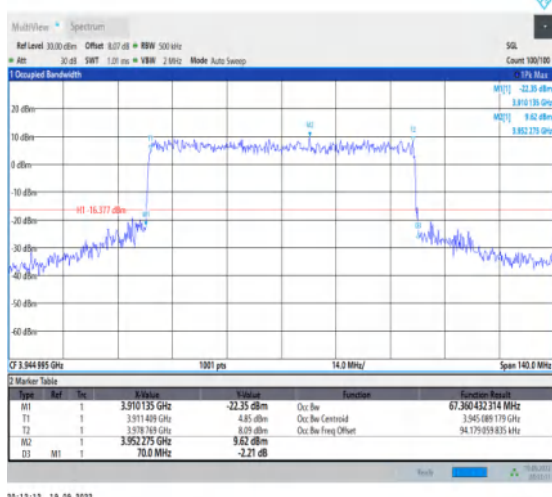
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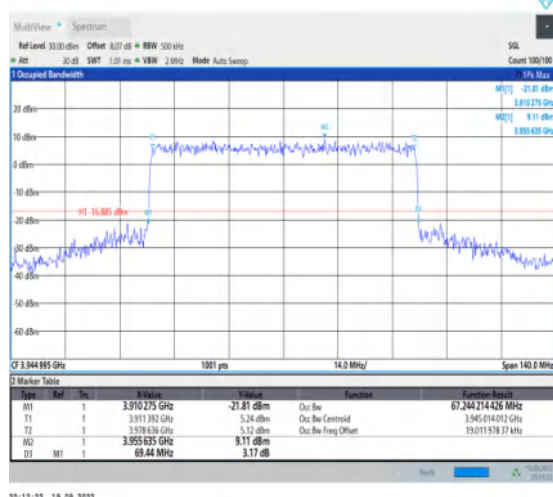
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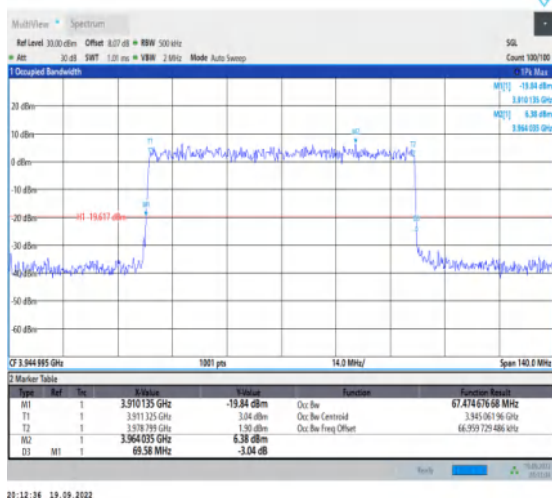
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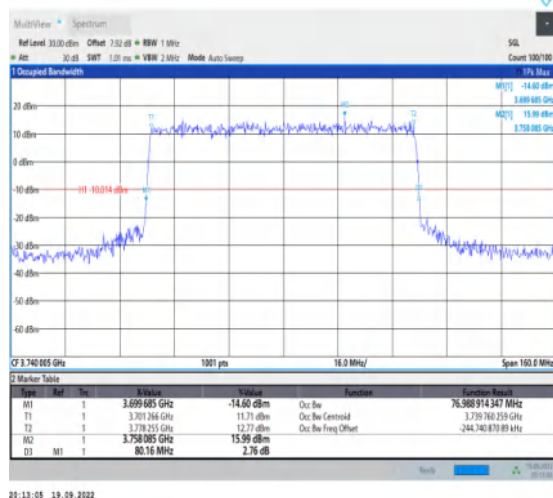
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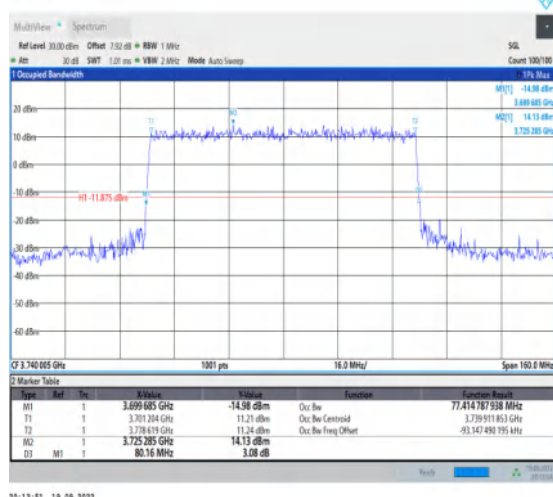
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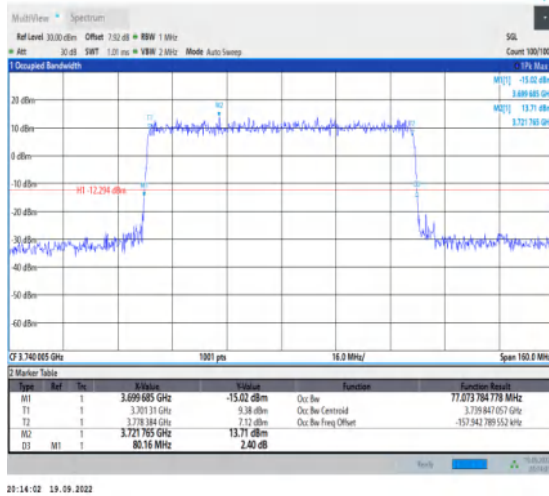
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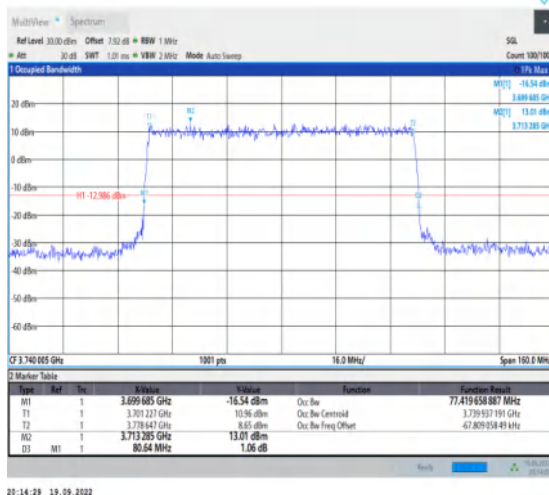
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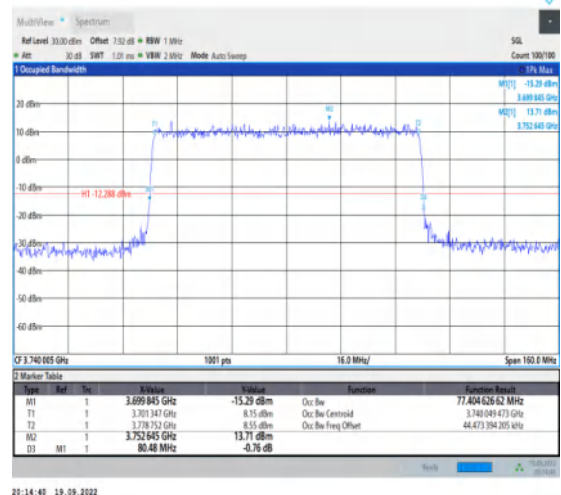
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20:14:29 19-09-2022

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20:14:40 19-09-2022

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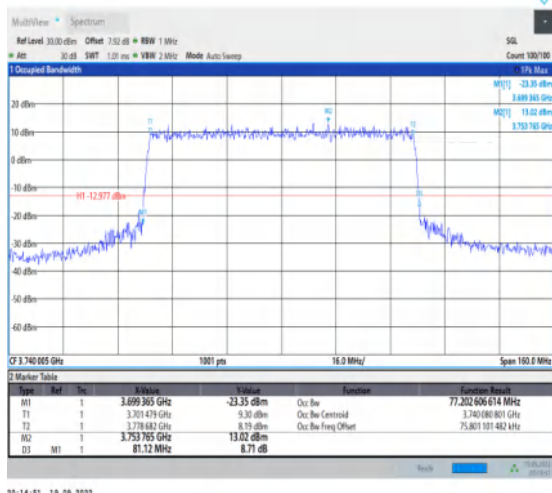
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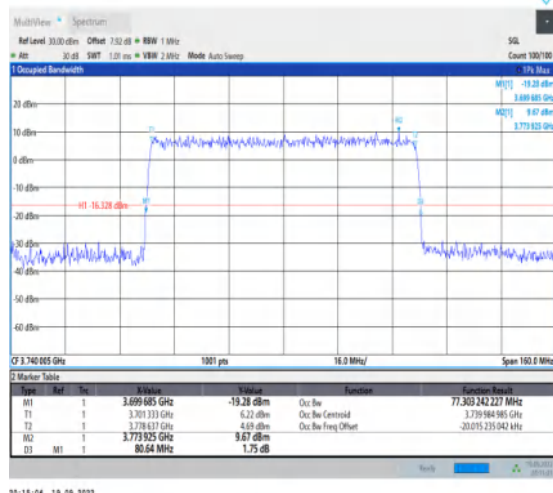
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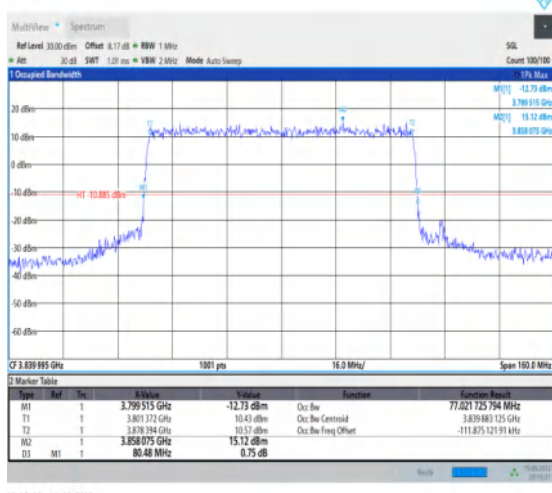
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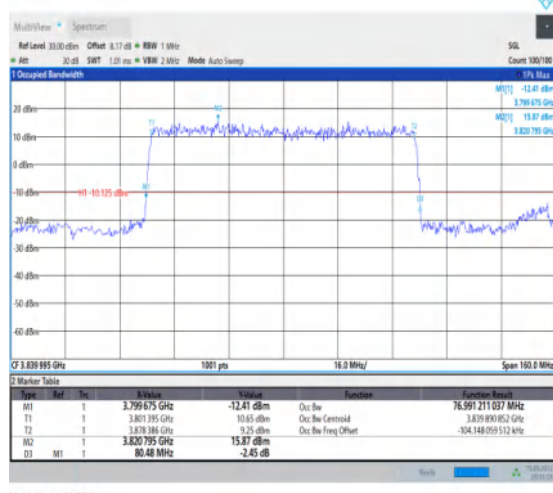
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20:15:32 19-09-2022

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20:16:00 19-09-2022

1-N77-3700-3980--30-80-M-2-DFT-PI2BPSK-Outer\_Full  
Full-216@0-Ant1-76.991-80.480-≤80-PASS



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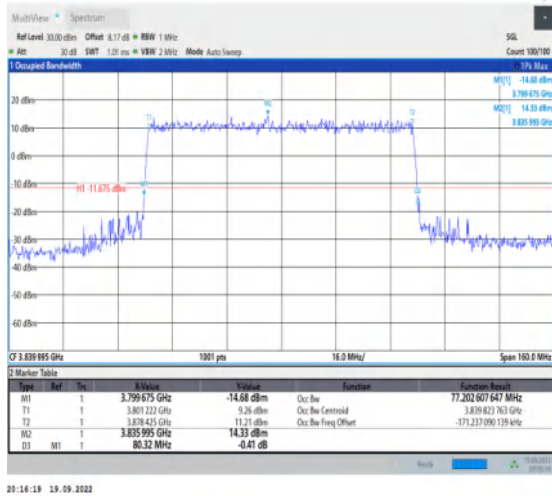
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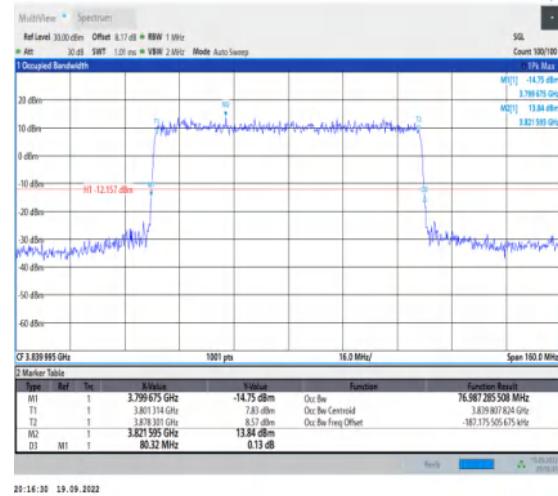
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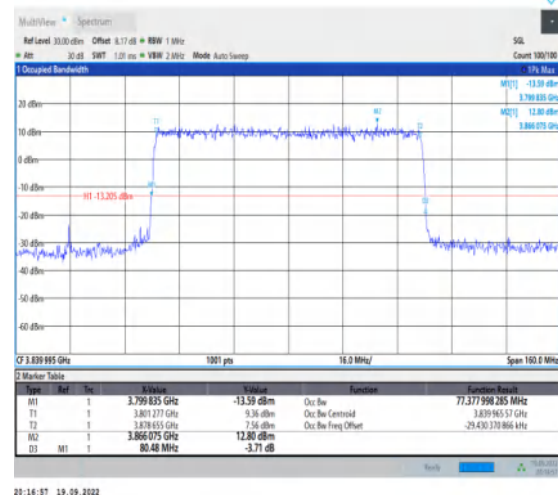
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20:16:43 19-09-2022

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20:16:57 19-09-2022

1-N77-3700-3980--30-80-M-6-CP-QPSK-Outer\_Full-217@0-Ant1-77.378-80.480-≤80-PASS



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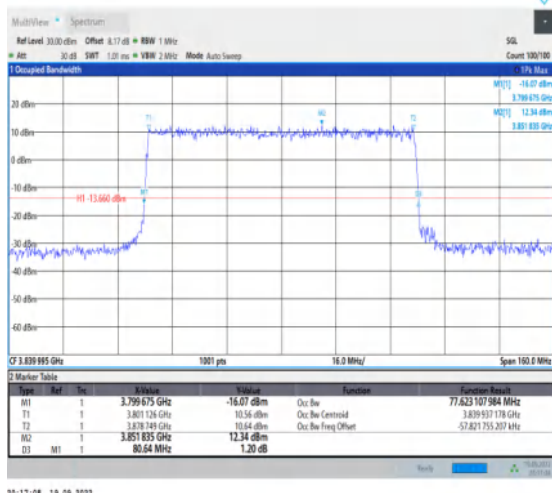
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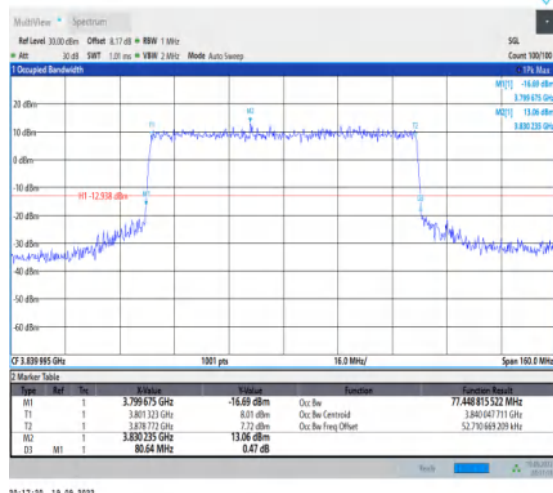
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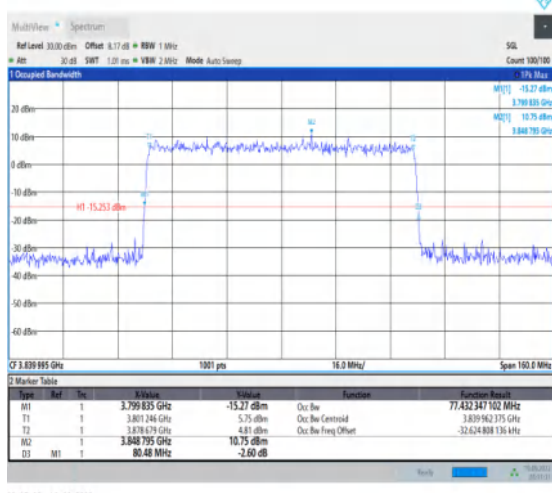
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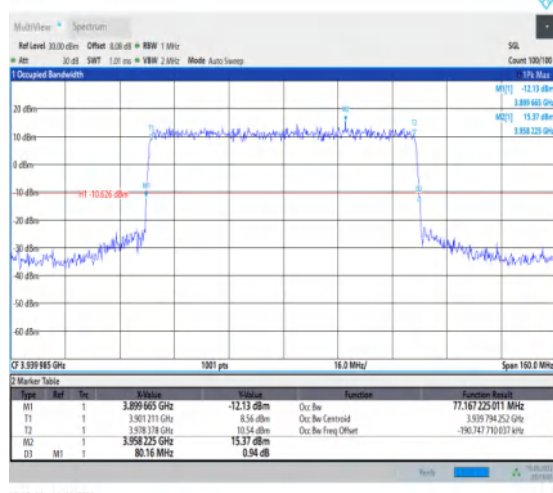
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20:17:32 19-09-2022

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20:18:06 19-09-2022

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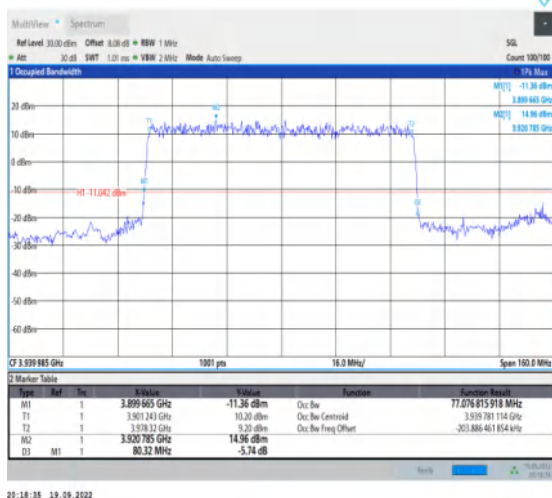
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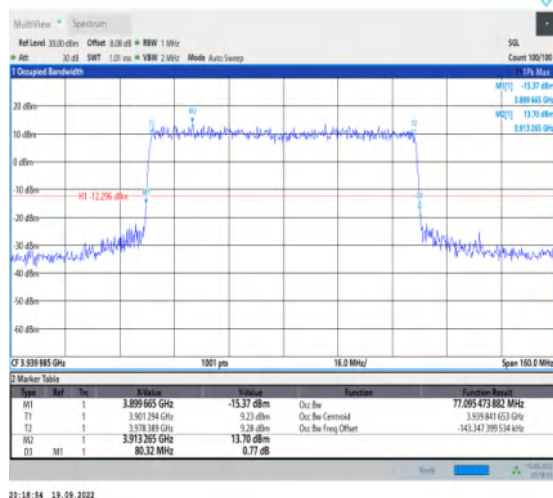
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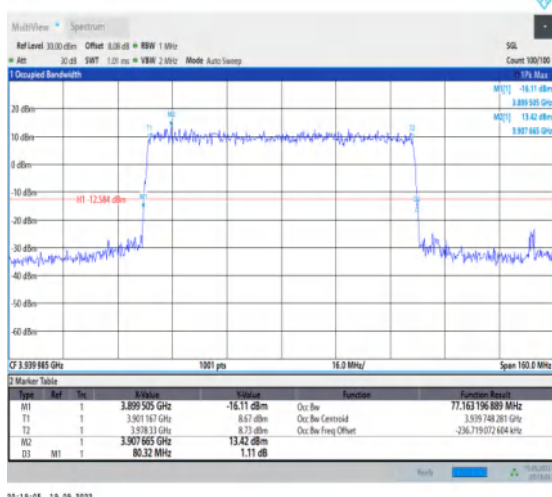
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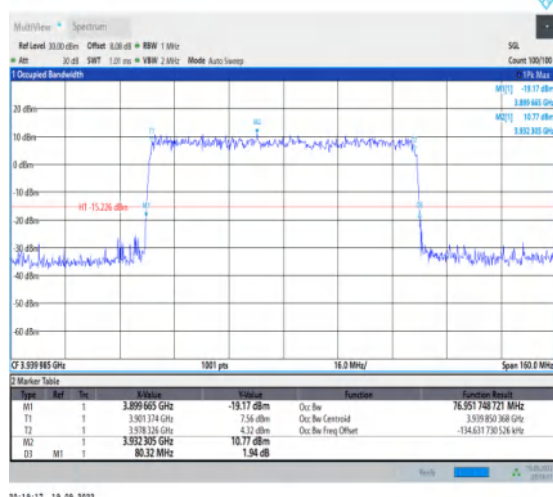
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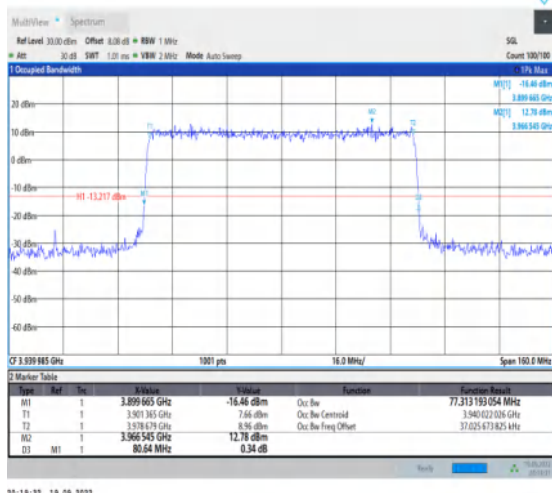
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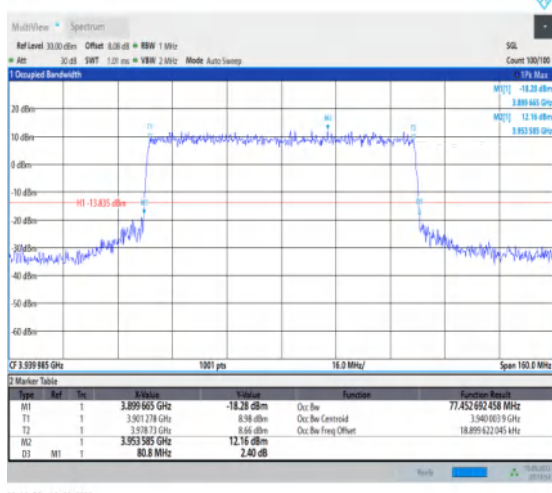
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20:19:43 19-09-2022

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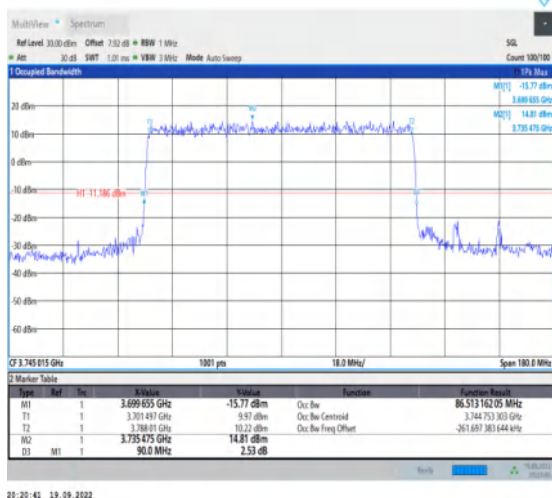
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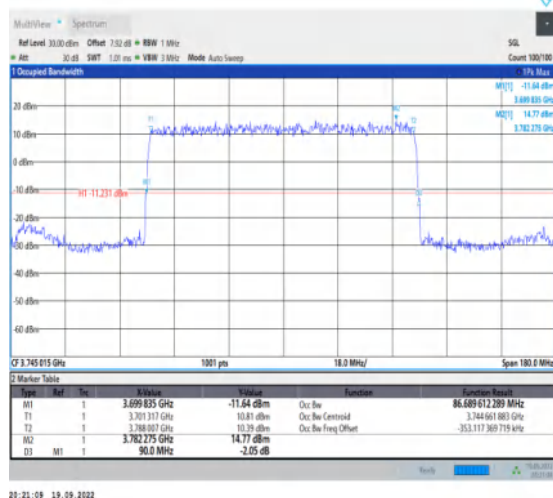
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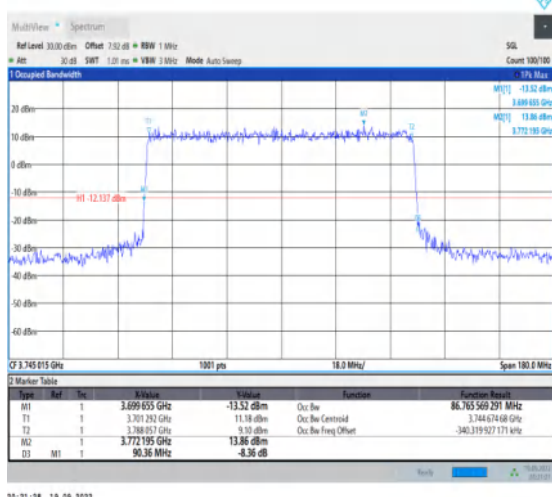
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1-N77-3700-3980--30-90-L-2-DFT-PI2BPSK-Outer\_Full  
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1-N77-3700-3980--30-90-L-3-DFT-16QAM-Outer\_Full  
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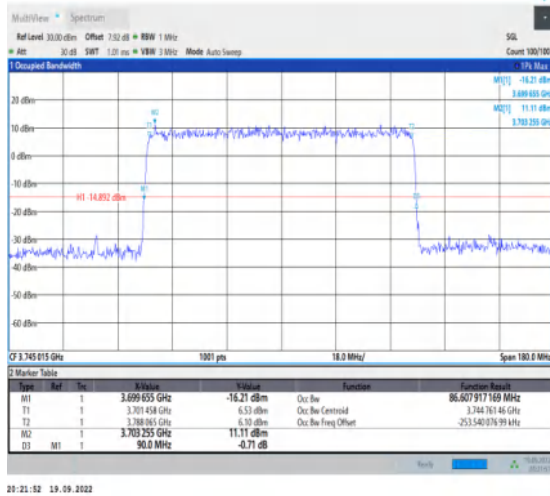
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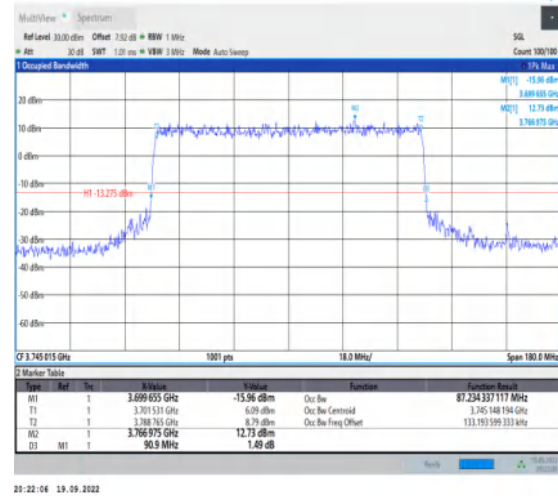
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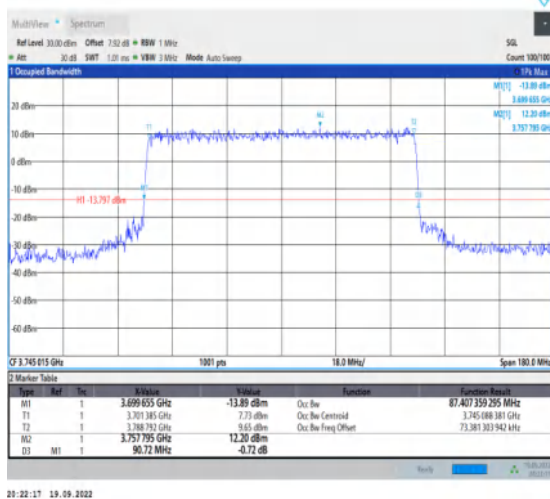
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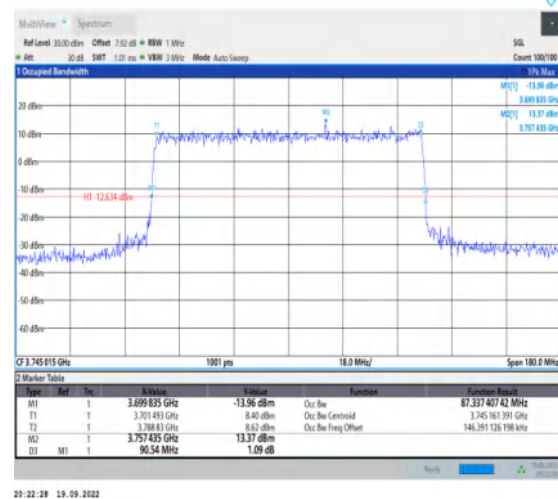
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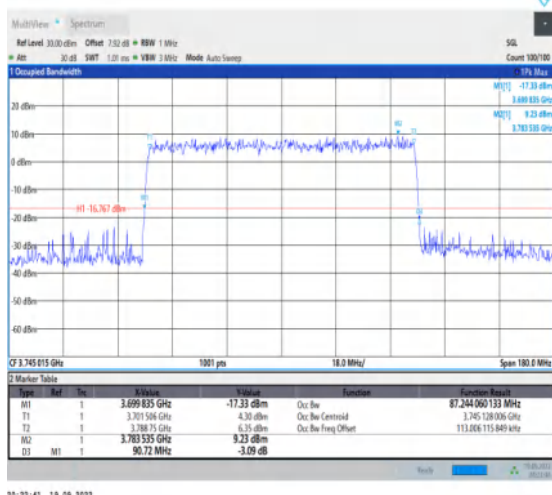
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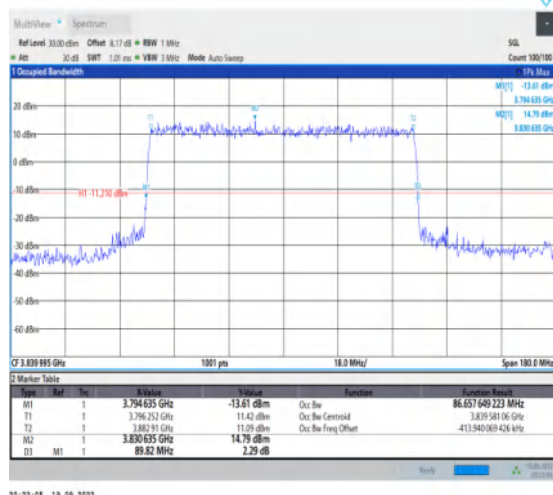
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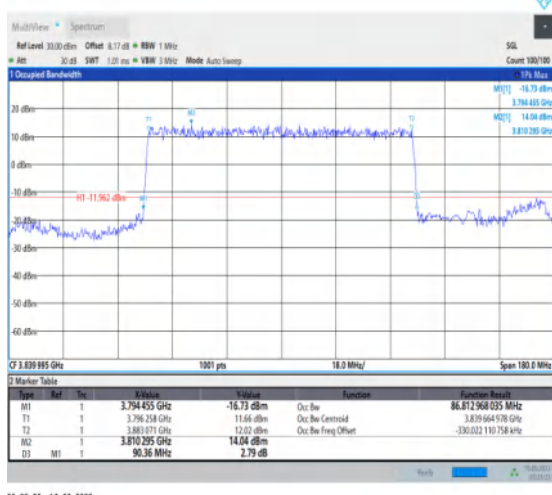
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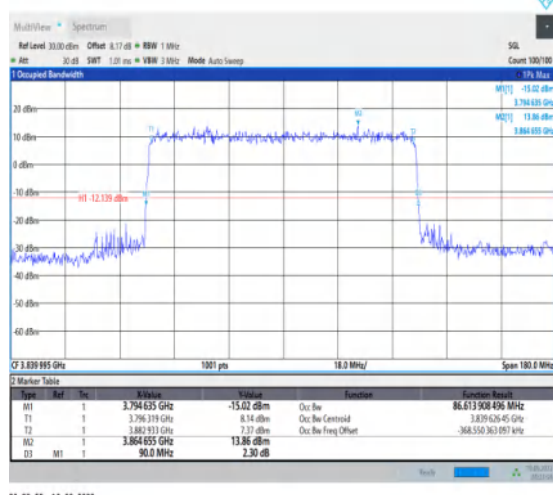
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