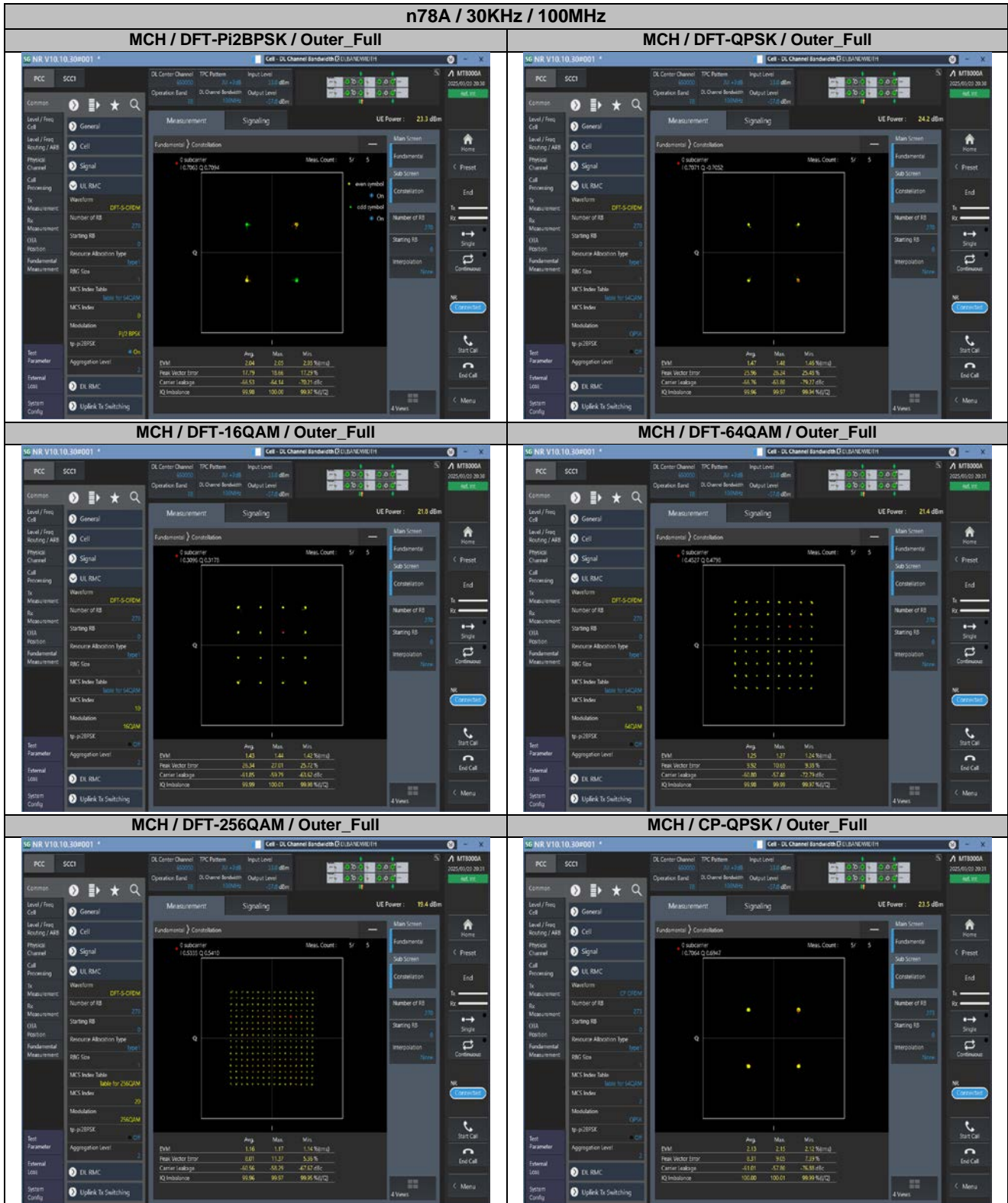
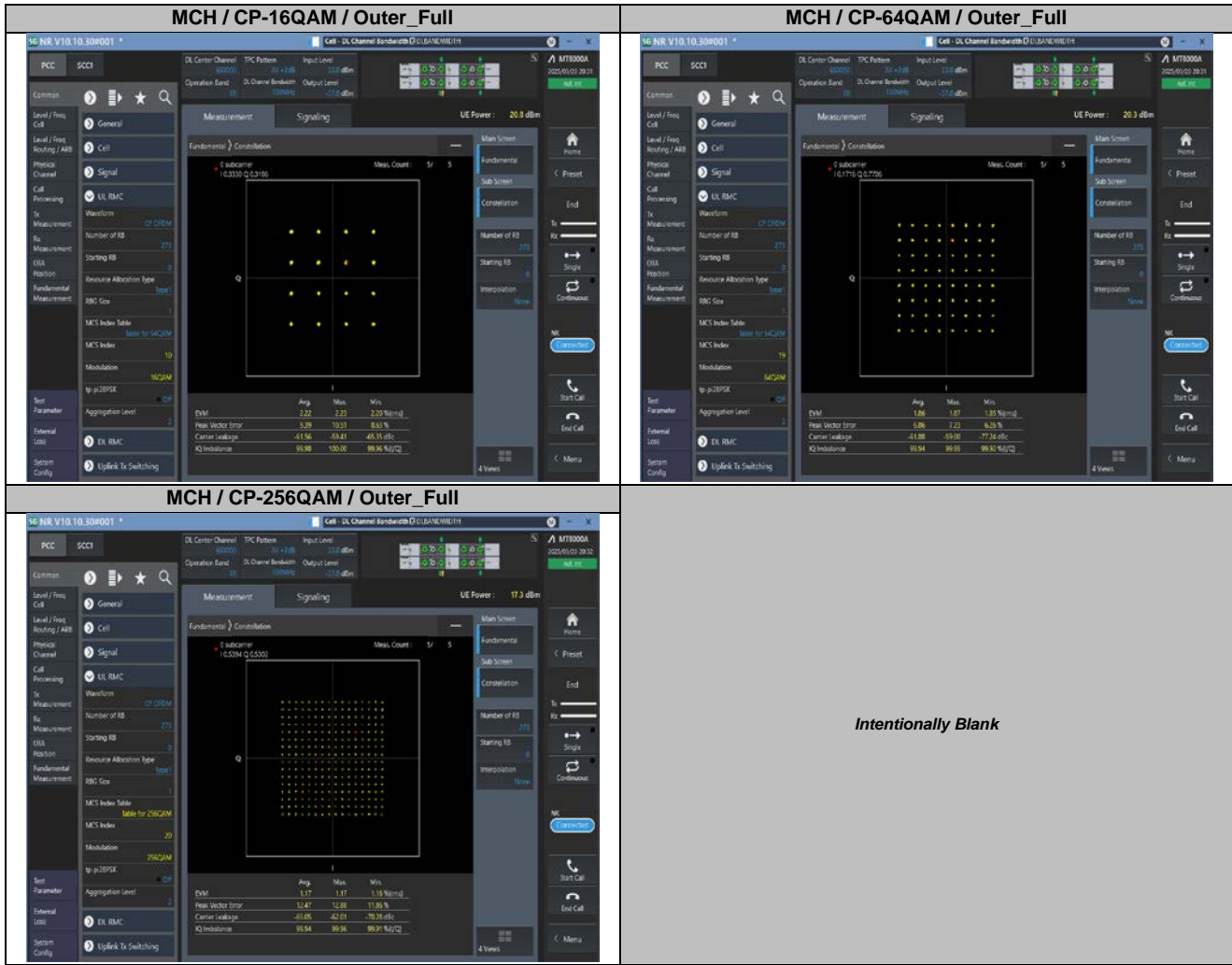


3. Modulation Characteristics

3.1. Test Plots for SCS=30KHz





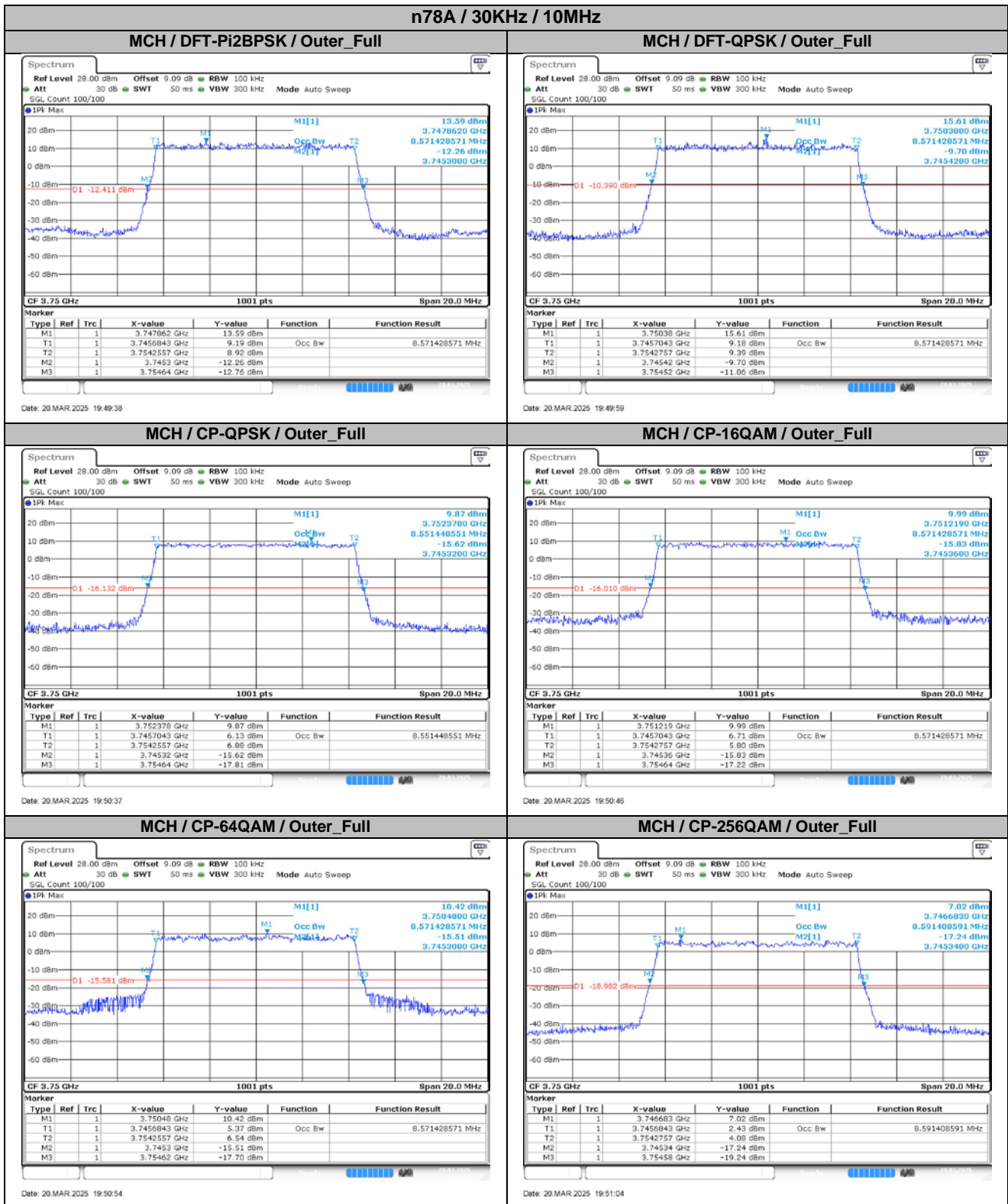
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

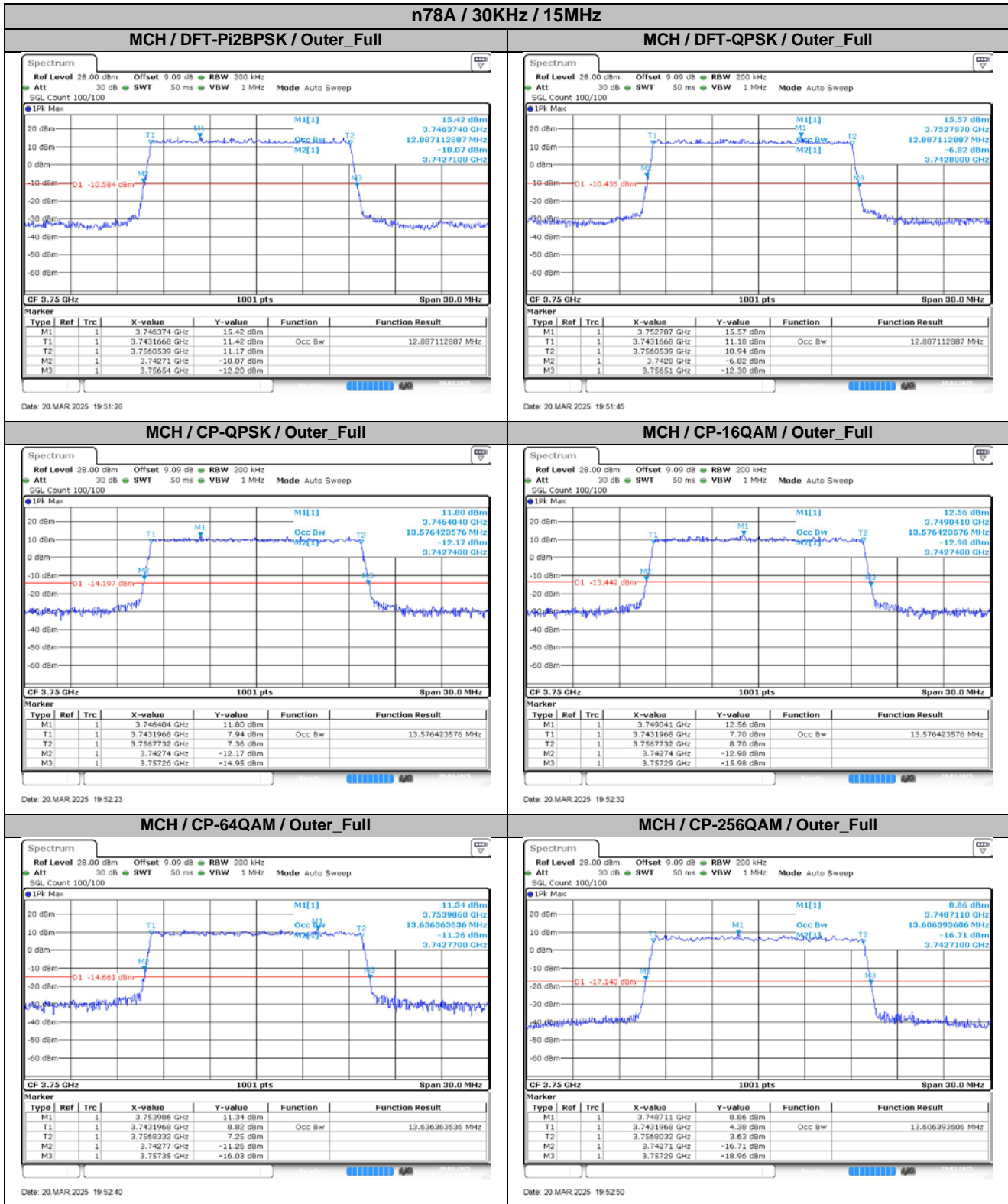
4.1. Test Results

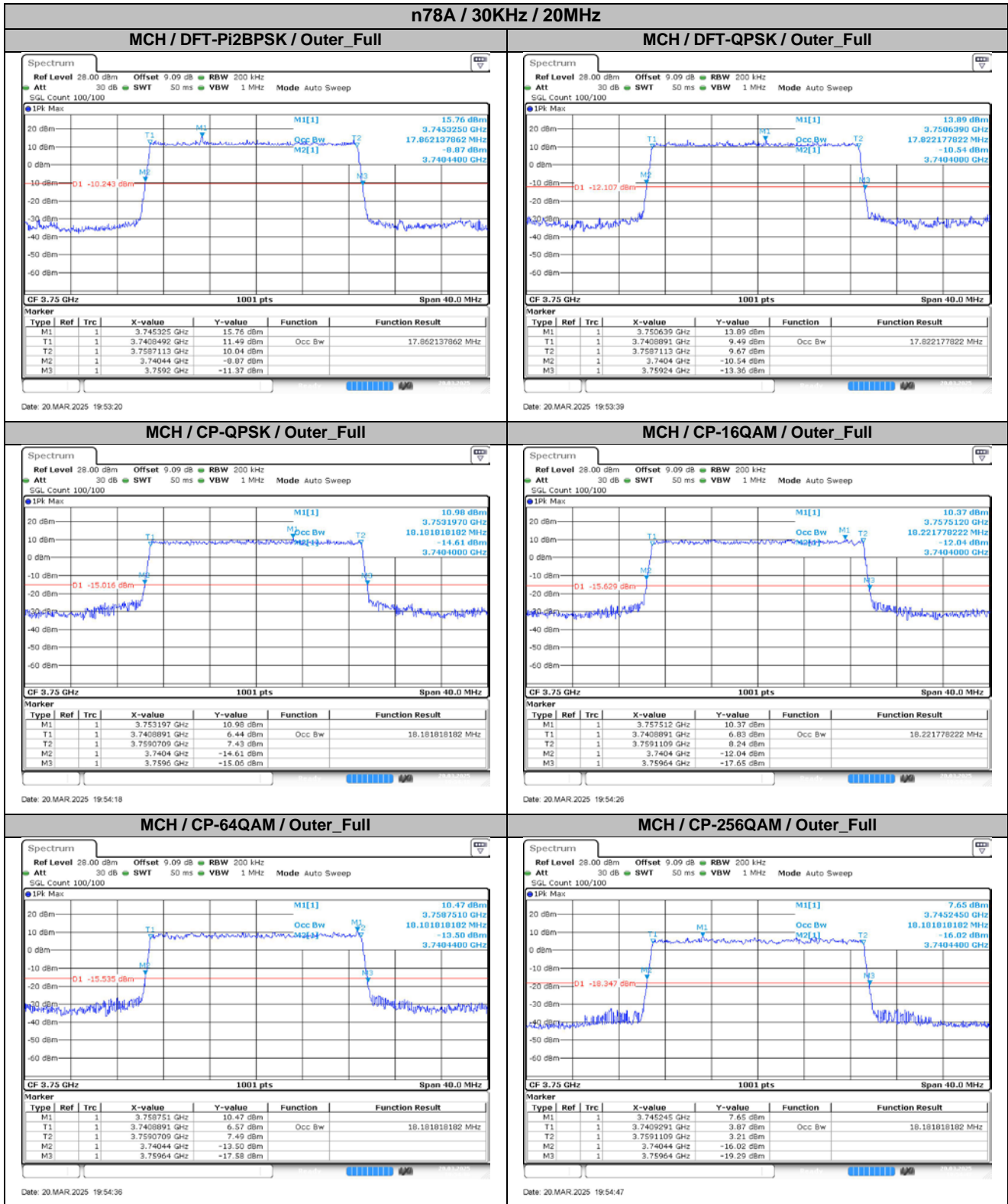
| SCS | Bandwidth | Modulation | RB | 99% Occupied Bandwidth (MHz) | 26dB Emission Bandwidth (MHz) | Verdict |
|-------|-----------|-------------|------------|------------------------------|-------------------------------|---------|
| 30KHz | 10MHz | DFT-Pi2BPSK | Outer_Full | 8.57 | 9.34 | Pass |
| 30KHz | 10MHz | DFT-QPSK | Outer_Full | 8.57 | 9.10 | Pass |
| 30KHz | 10MHz | CP-QPSK | Outer_Full | 8.55 | 9.32 | Pass |
| 30KHz | 10MHz | CP-16QAM | Outer_Full | 8.57 | 9.28 | Pass |
| 30KHz | 10MHz | CP-64QAM | Outer_Full | 8.57 | 9.32 | Pass |
| 30KHz | 10MHz | CP-256QAM | Outer_Full | 8.59 | 9.24 | Pass |
| 30KHz | 15MHz | DFT-Pi2BPSK | Outer_Full | 12.89 | 13.83 | Pass |
| 30KHz | 15MHz | DFT-QPSK | Outer_Full | 12.89 | 13.71 | Pass |
| 30KHz | 15MHz | CP-QPSK | Outer_Full | 13.58 | 14.52 | Pass |
| 30KHz | 15MHz | CP-16QAM | Outer_Full | 13.58 | 14.55 | Pass |
| 30KHz | 15MHz | CP-64QAM | Outer_Full | 13.64 | 14.58 | Pass |
| 30KHz | 15MHz | CP-256QAM | Outer_Full | 13.61 | 14.58 | Pass |
| 30KHz | 20MHz | DFT-Pi2BPSK | Outer_Full | 17.86 | 18.76 | Pass |
| 30KHz | 20MHz | DFT-QPSK | Outer_Full | 17.82 | 18.84 | Pass |
| 30KHz | 20MHz | CP-QPSK | Outer_Full | 18.18 | 19.20 | Pass |
| 30KHz | 20MHz | CP-16QAM | Outer_Full | 18.22 | 19.24 | Pass |
| 30KHz | 20MHz | CP-64QAM | Outer_Full | 18.18 | 19.20 | Pass |
| 30KHz | 20MHz | CP-256QAM | Outer_Full | 18.18 | 19.20 | Pass |
| 30KHz | 25MHz | DFT-Pi2BPSK | Outer_Full | 22.88 | 24.10 | Pass |
| 30KHz | 25MHz | DFT-QPSK | Outer_Full | 22.78 | 24.10 | Pass |
| 30KHz | 25MHz | CP-QPSK | Outer_Full | 23.13 | 24.45 | Pass |
| 30KHz | 25MHz | CP-16QAM | Outer_Full | 23.23 | 24.45 | Pass |

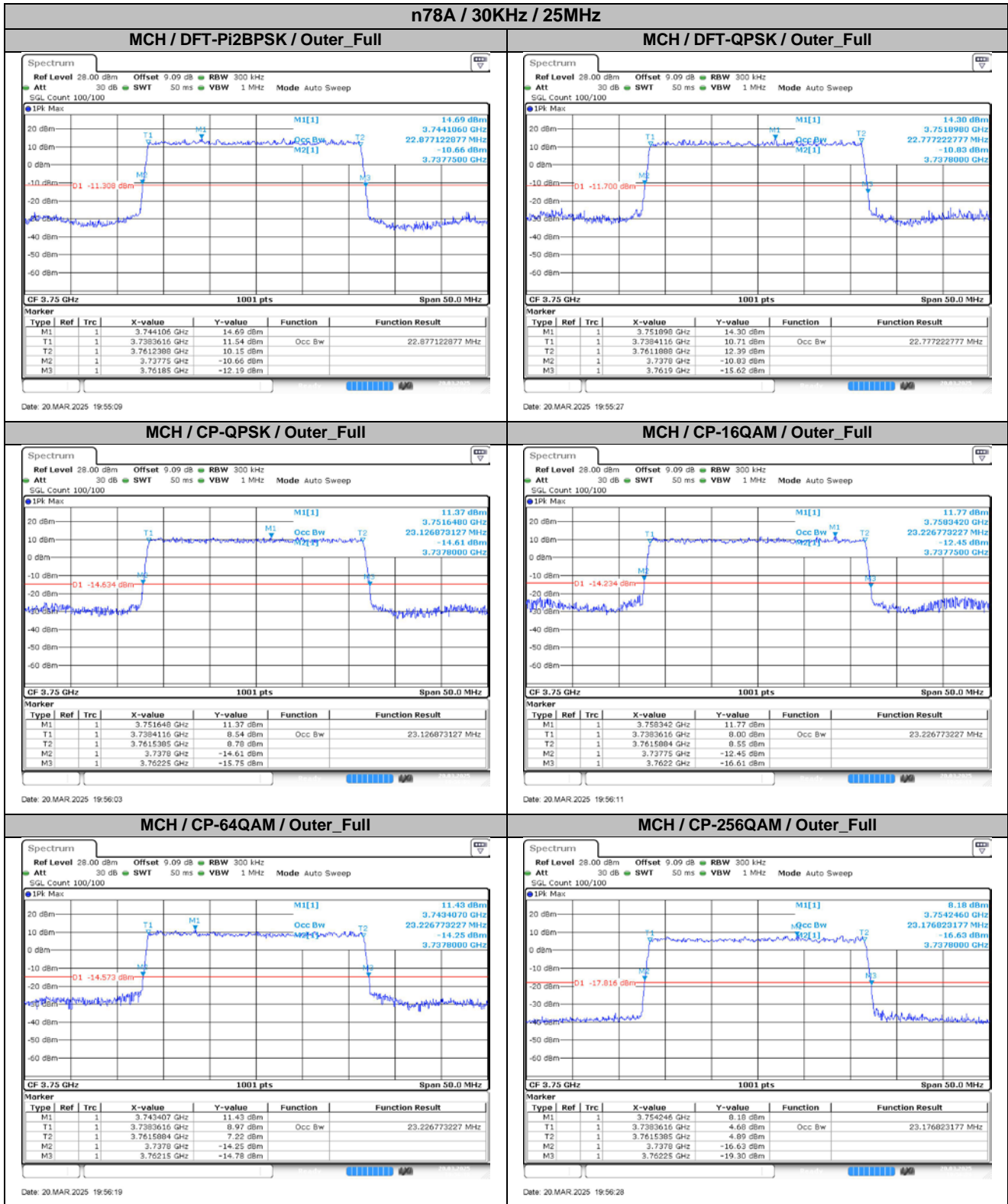
| | | | | | | |
|-------|--------|-------------|------------|-------|--------|------|
| 30KHz | 25MHz | CP-64QAM | Outer_Full | 23.23 | 24.35 | Pass |
| 30KHz | 25MHz | CP-256QAM | Outer_Full | 23.18 | 24.45 | Pass |
| 30KHz | 30MHz | DFT-Pi2BPSK | Outer_Full | 26.79 | 28.32 | Pass |
| 30KHz | 30MHz | DFT-QPSK | Outer_Full | 26.79 | 28.32 | Pass |
| 30KHz | 30MHz | CP-QPSK | Outer_Full | 27.75 | 29.40 | Pass |
| 30KHz | 30MHz | CP-16QAM | Outer_Full | 27.87 | 29.28 | Pass |
| 30KHz | 30MHz | CP-64QAM | Outer_Full | 27.75 | 29.28 | Pass |
| 30KHz | 30MHz | CP-256QAM | Outer_Full | 27.87 | 29.40 | Pass |
| 30KHz | 40MHz | DFT-Pi2BPSK | Outer_Full | 35.80 | 37.60 | Pass |
| 30KHz | 40MHz | DFT-QPSK | Outer_Full | 35.72 | 37.60 | Pass |
| 30KHz | 40MHz | CP-QPSK | Outer_Full | 37.72 | 39.68 | Pass |
| 30KHz | 40MHz | CP-16QAM | Outer_Full | 37.80 | 39.76 | Pass |
| 30KHz | 40MHz | CP-64QAM | Outer_Full | 37.80 | 39.68 | Pass |
| 30KHz | 40MHz | CP-256QAM | Outer_Full | 37.80 | 39.76 | Pass |
| 30KHz | 50MHz | DFT-Pi2BPSK | Outer_Full | 45.65 | 47.70 | Pass |
| 30KHz | 50MHz | DFT-QPSK | Outer_Full | 45.75 | 47.80 | Pass |
| 30KHz | 50MHz | CP-QPSK | Outer_Full | 47.45 | 49.50 | Pass |
| 30KHz | 50MHz | CP-16QAM | Outer_Full | 47.45 | 49.60 | Pass |
| 30KHz | 50MHz | CP-64QAM | Outer_Full | 47.55 | 49.50 | Pass |
| 30KHz | 50MHz | CP-256QAM | Outer_Full | 47.45 | 49.50 | Pass |
| 30KHz | 60MHz | DFT-Pi2BPSK | Outer_Full | 57.90 | 60.60 | Pass |
| 30KHz | 60MHz | DFT-QPSK | Outer_Full | 57.90 | 60.72 | Pass |
| 30KHz | 60MHz | CP-QPSK | Outer_Full | 57.78 | 60.72 | Pass |
| 30KHz | 60MHz | CP-16QAM | Outer_Full | 57.66 | 60.60 | Pass |
| 30KHz | 60MHz | CP-64QAM | Outer_Full | 58.02 | 60.72 | Pass |
| 30KHz | 60MHz | CP-256QAM | Outer_Full | 57.78 | 60.72 | Pass |
| 30KHz | 70MHz | DFT-Pi2BPSK | Outer_Full | 64.34 | 67.20 | Pass |
| 30KHz | 70MHz | DFT-QPSK | Outer_Full | 64.34 | 67.20 | Pass |
| 30KHz | 70MHz | CP-QPSK | Outer_Full | 67.55 | 70.42 | Pass |
| 30KHz | 70MHz | CP-16QAM | Outer_Full | 67.41 | 70.28 | Pass |
| 30KHz | 70MHz | CP-64QAM | Outer_Full | 67.41 | 70.56 | Pass |
| 30KHz | 70MHz | CP-256QAM | Outer_Full | 67.41 | 70.56 | Pass |
| 30KHz | 80MHz | DFT-Pi2BPSK | Outer_Full | 77.20 | 80.16 | Pass |
| 30KHz | 80MHz | DFT-QPSK | Outer_Full | 77.04 | 80.16 | Pass |
| 30KHz | 80MHz | CP-QPSK | Outer_Full | 77.36 | 80.80 | Pass |
| 30KHz | 80MHz | CP-16QAM | Outer_Full | 77.36 | 80.64 | Pass |
| 30KHz | 80MHz | CP-64QAM | Outer_Full | 77.52 | 80.48 | Pass |
| 30KHz | 80MHz | CP-256QAM | Outer_Full | 77.36 | 80.64 | Pass |
| 30KHz | 90MHz | DFT-Pi2BPSK | Outer_Full | 86.67 | 90.00 | Pass |
| 30KHz | 90MHz | DFT-QPSK | Outer_Full | 86.67 | 90.18 | Pass |
| 30KHz | 90MHz | CP-QPSK | Outer_Full | 87.39 | 90.54 | Pass |
| 30KHz | 90MHz | CP-16QAM | Outer_Full | 87.21 | 90.54 | Pass |
| 30KHz | 90MHz | CP-64QAM | Outer_Full | 87.39 | 90.72 | Pass |
| 30KHz | 90MHz | CP-256QAM | Outer_Full | 87.39 | 90.72 | Pass |
| 30KHz | 100MHz | DFT-Pi2BPSK | Outer_Full | 96.30 | 99.80 | Pass |
| 30KHz | 100MHz | DFT-QPSK | Outer_Full | 96.30 | 99.80 | Pass |
| 30KHz | 100MHz | CP-QPSK | Outer_Full | 97.50 | 101.00 | Pass |
| 30KHz | 100MHz | CP-16QAM | Outer_Full | 97.10 | 100.60 | Pass |
| 30KHz | 100MHz | CP-64QAM | Outer_Full | 97.30 | 100.80 | Pass |
| 30KHz | 100MHz | CP-256QAM | Outer_Full | 97.50 | 100.80 | Pass |

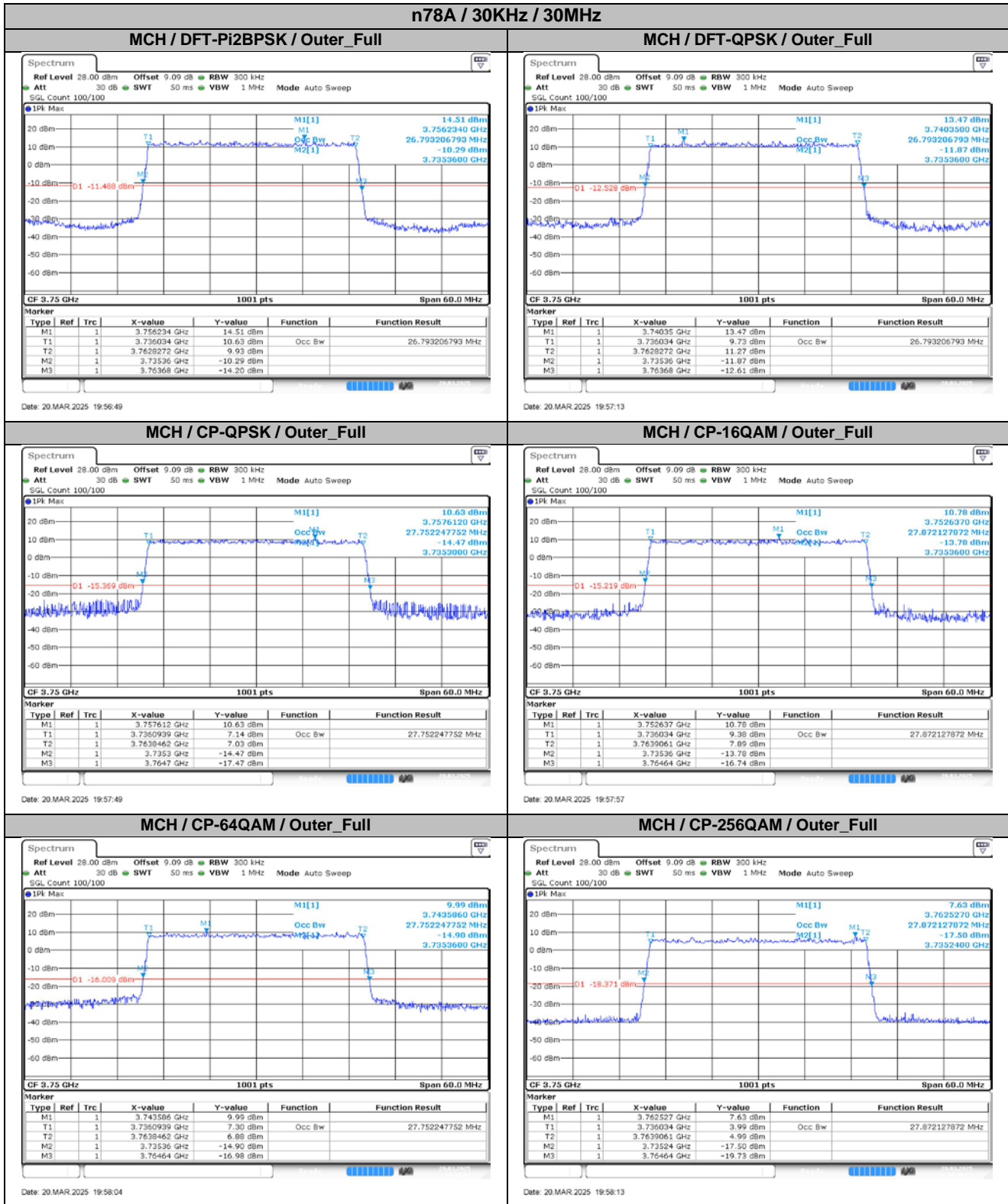
4.2. Test Plots for SCS=30KHz

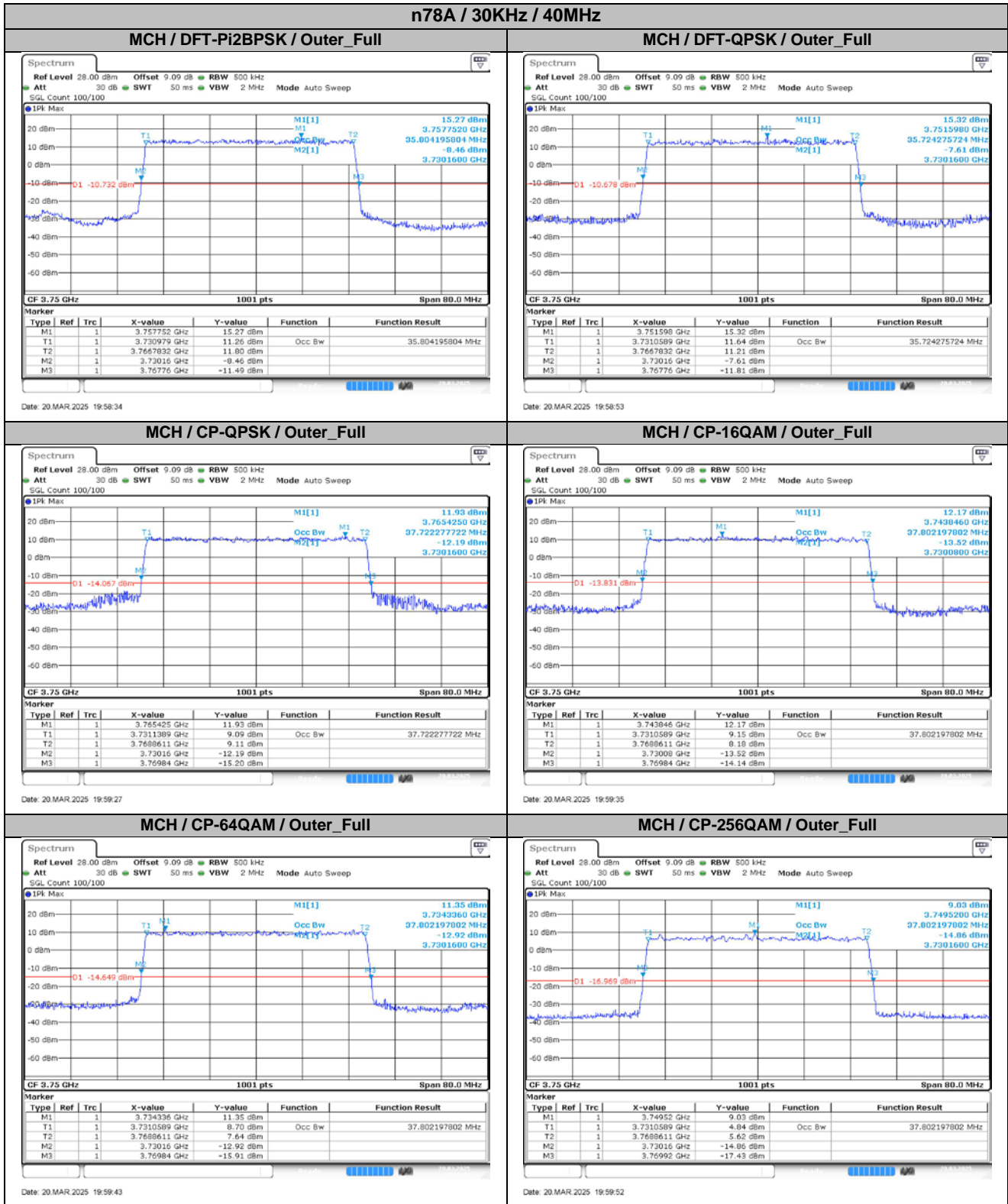






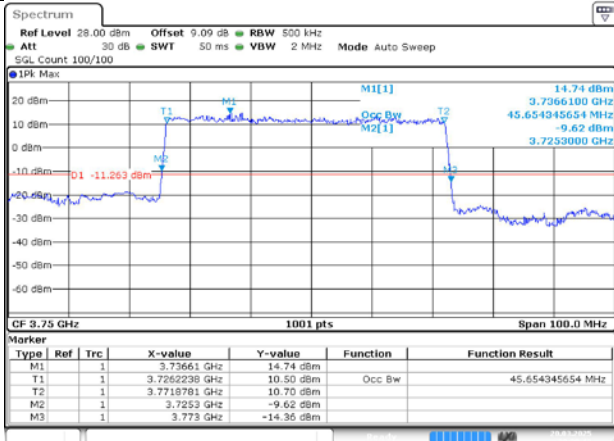




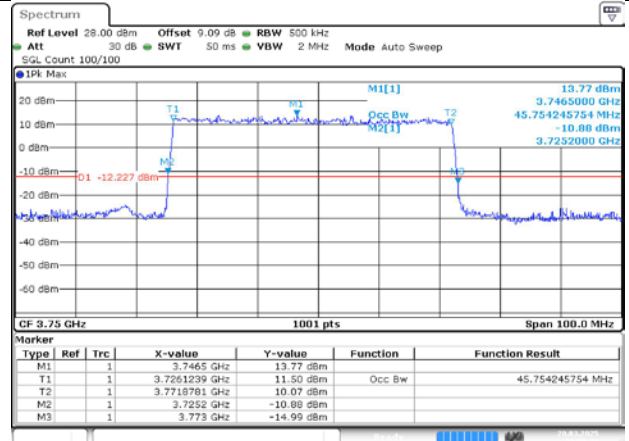


n78A / 30KHz / 50MHz

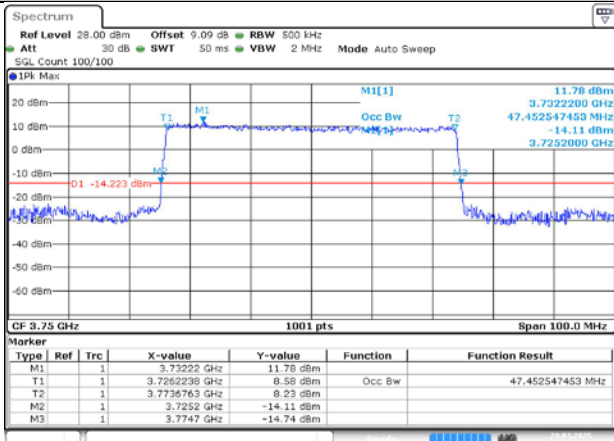
MCH / DFT-Pi2BPSK / Outer_Full



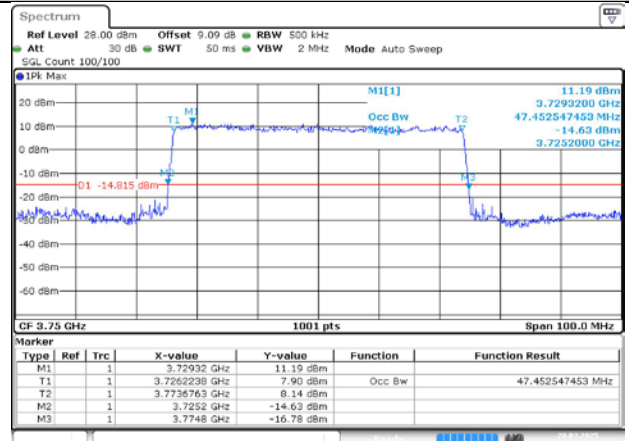
MCH / DFT-QPSK / Outer_Full



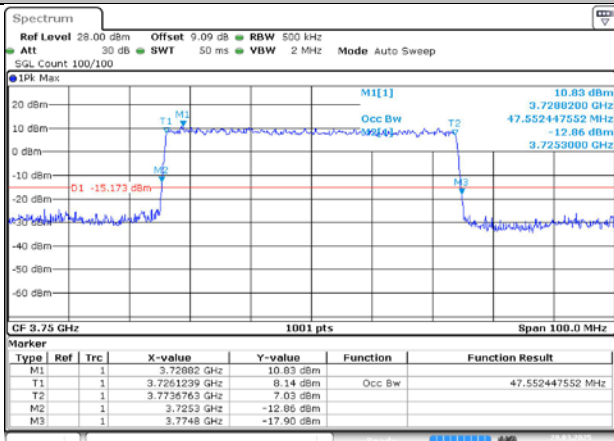
MCH / CP-QPSK / Outer_Full



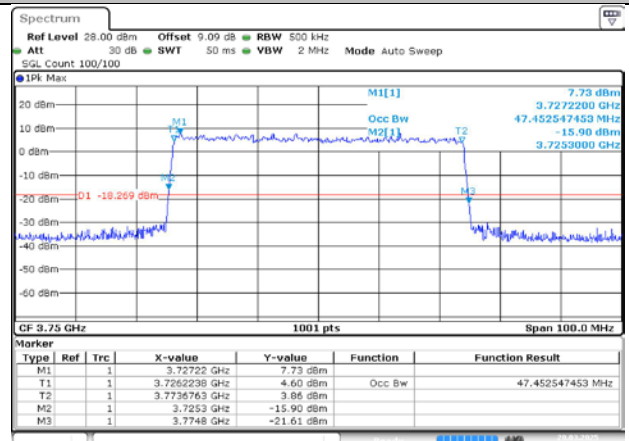
MCH / CP-16QAM / Outer_Full

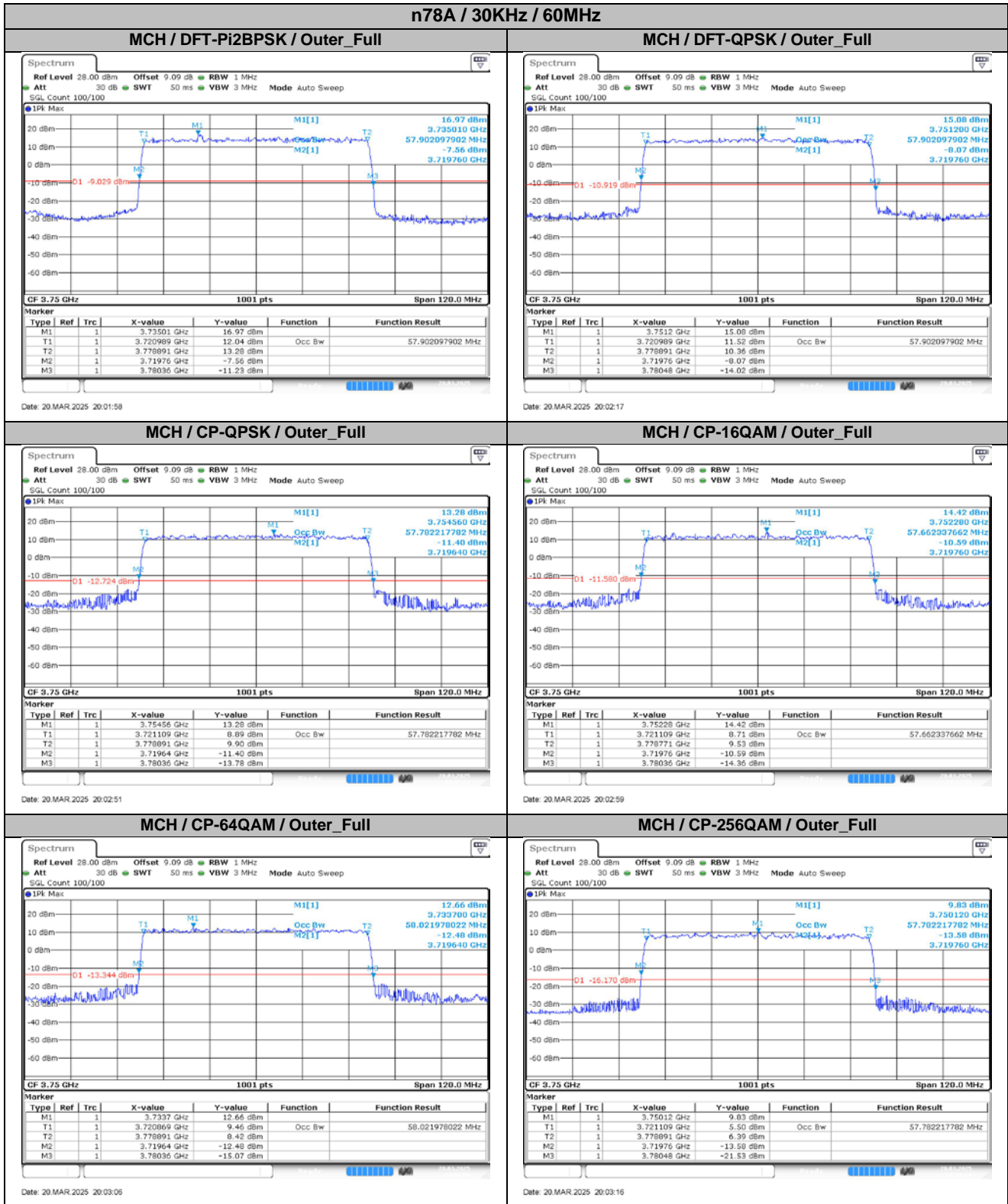


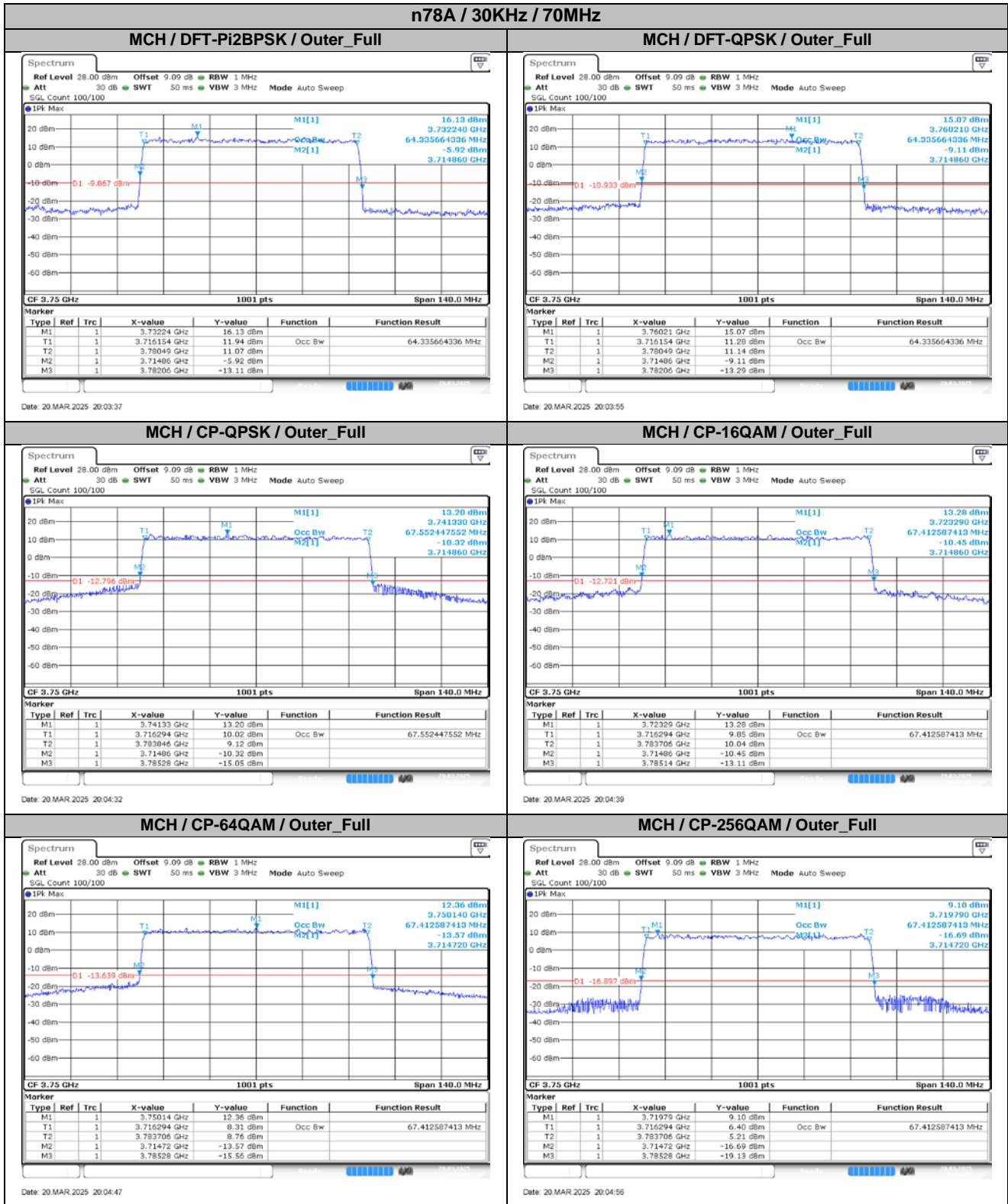
MCH / CP-64QAM / Outer_Full

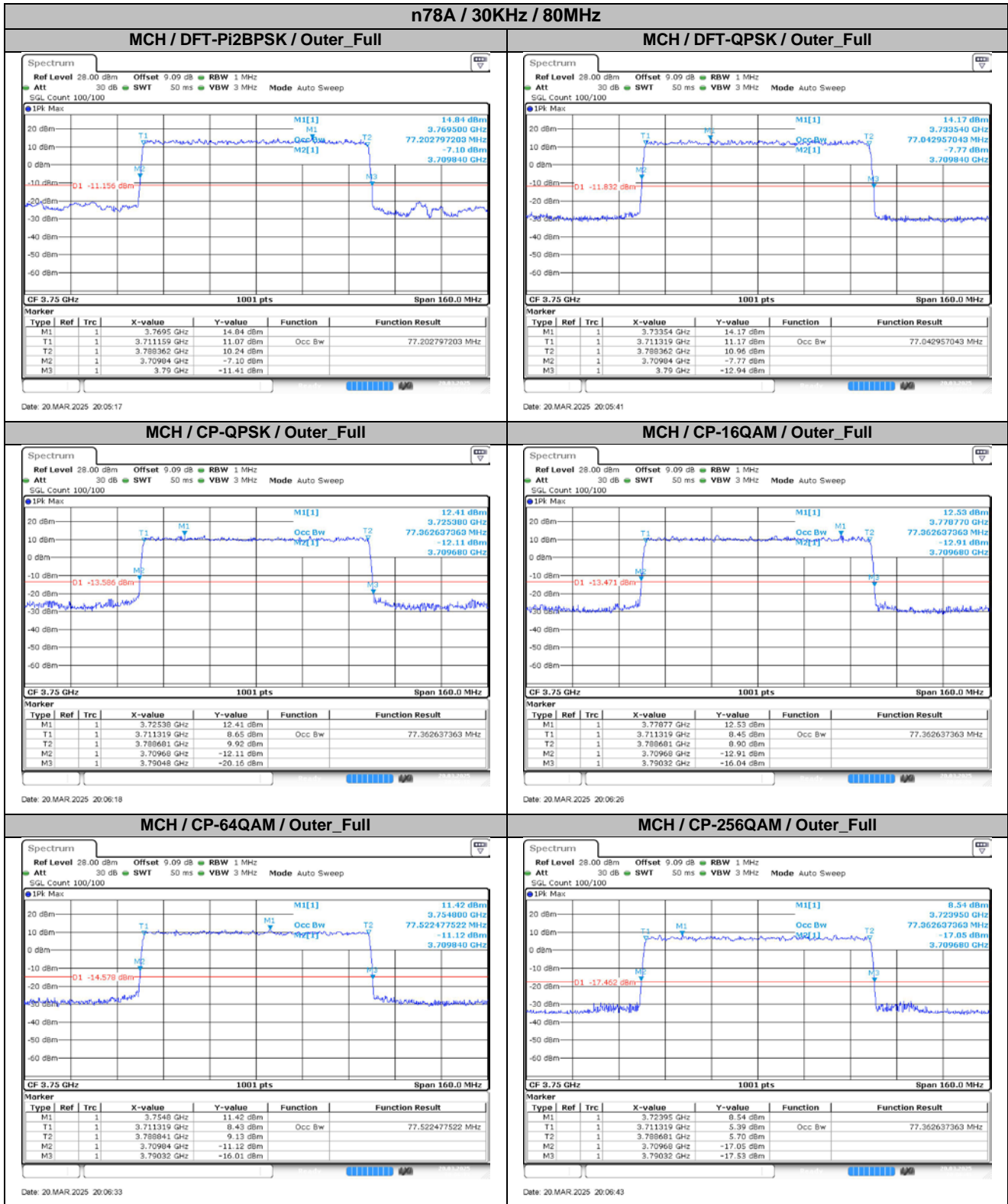


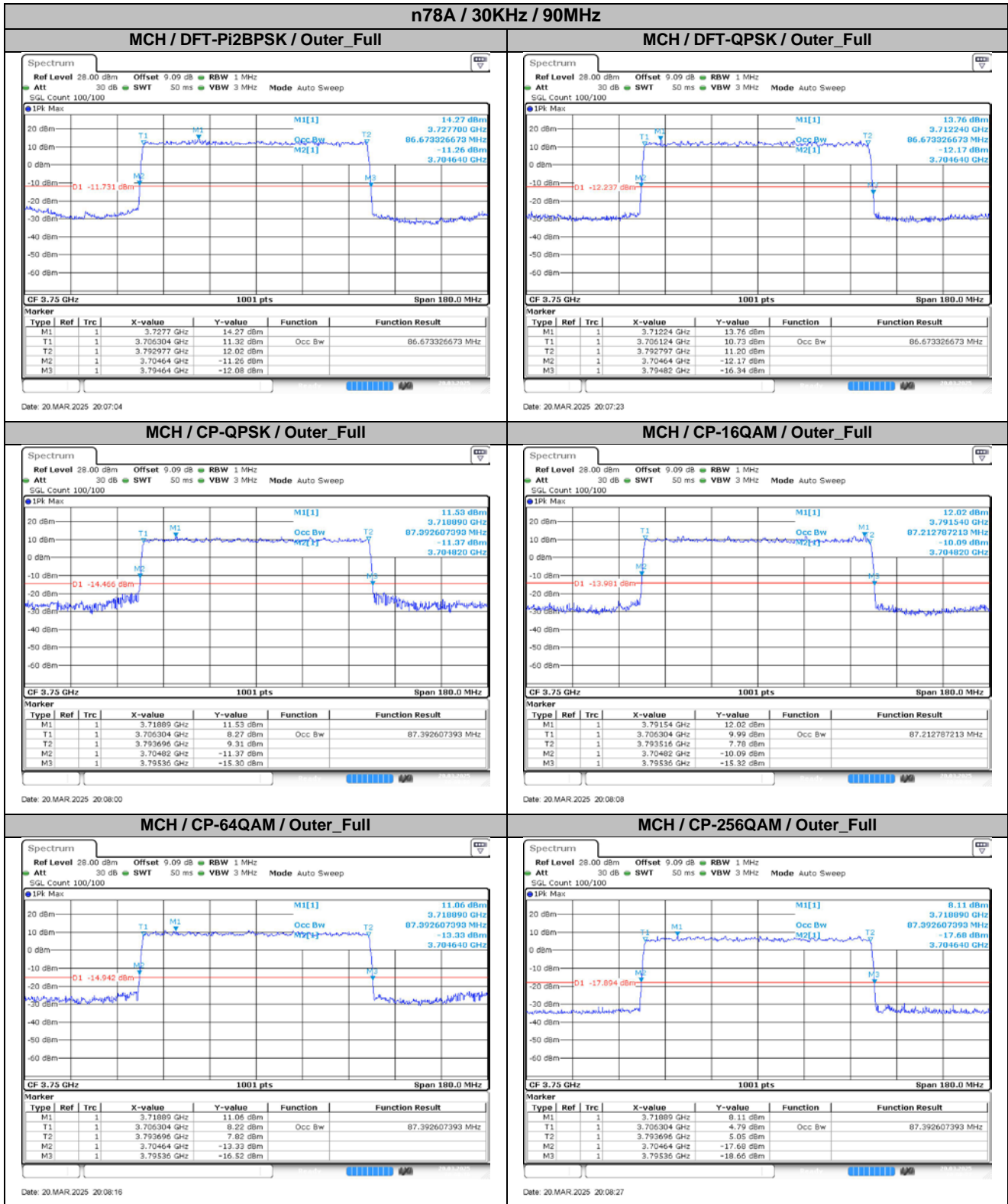
MCH / CP-256QAM / Outer_Full





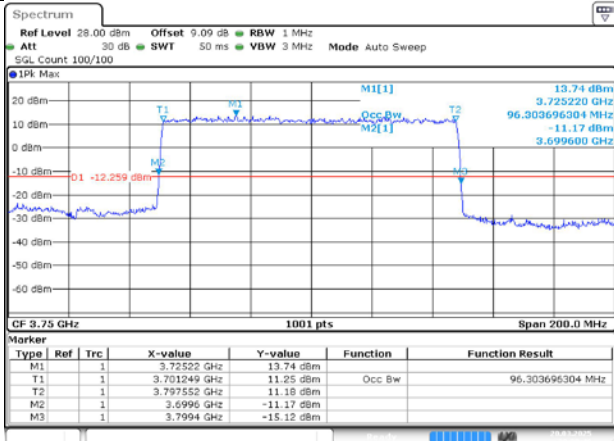




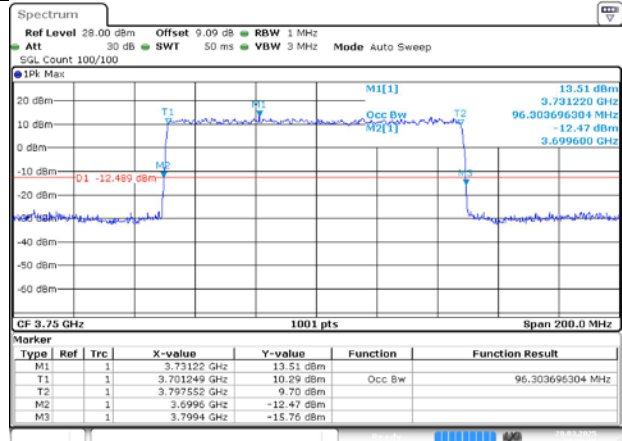


n78A / 30KHz / 100MHz

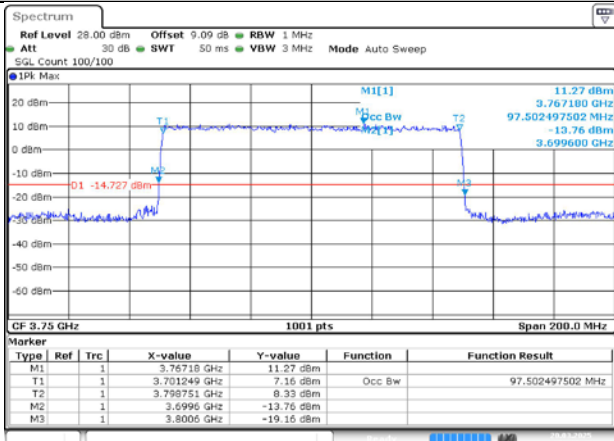
MCH / DFT-Pi2BPSK / Outer_Full



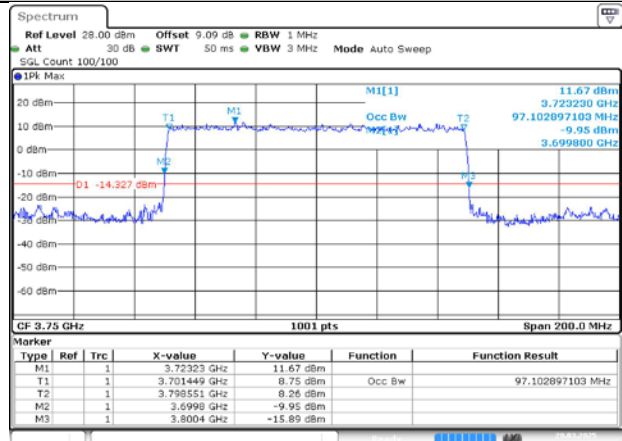
MCH / DFT-QPSK / Outer_Full



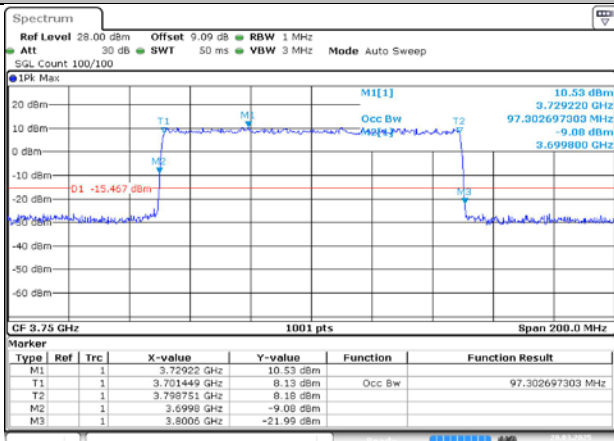
MCH / CP-QPSK / Outer_Full



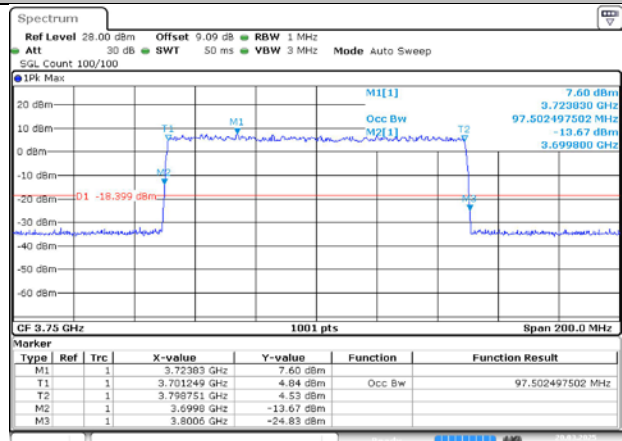
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full



5. Conducted Band Edges

5.1. Test Plots for SCS=30KHz

