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# Appendix B.28

## NR Band n2



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

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|------|-----|-----------|-------------|---------|-----------------|-------------|------------|-------------|---------|
| N2   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Left  | 24.28       | 24.53      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Right | 24.21       | 24.46      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full      | 23.75       | 24.00      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Left  | 24.22       | 24.47      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Right | 24.08       | 24.33      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | L       | Outer_Full      | 23.27       | 23.52      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Left  | 23.26       | 23.51      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Right | 23.19       | 23.44      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | L       | Outer_Full      | 22.35       | 22.60      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Left  | 22.01       | 22.26      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Right | 21.91       | 22.16      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | L       | Outer_Full      | 21.80       | 22.05      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Left  | 19.26       | 19.51      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Right | 19.14       | 19.39      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | L       | Outer_Full      | 19.74       | 19.99      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Left  | 24.49       | 24.74      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Right | 24.38       | 24.63      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full      | 23.94       | 24.19      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Left  | 24.38       | 24.63      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Right | 24.27       | 24.52      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | M       | Outer_Full      | 23.47       | 23.72      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Left  | 23.39       | 23.64      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Right | 23.31       | 23.56      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | M       | Outer_Full      | 22.52       | 22.77      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Left  | 22.16       | 22.41      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Right | 22.15       | 22.40      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | M       | Outer_Full      | 21.92       | 22.17      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | M       | Inner_1RB_Left  | 19.51       | 19.76      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | M       | Inner_1RB_Right | 19.37       | 19.62      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | M       | Outer_Full      | 19.87       | 20.12      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | H       | Inner_1RB_Left  | 24.37       | 24.62      | 33.00       | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | H       | Inner_1RB_Right | 24.26       | 24.51      | 33.00       | PASS    |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N2 | 15 | 5  | DFT-PI2BPSK | H | Outer_Full      | 23.82 | 24.07 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Left  | 24.27 | 24.52 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Right | 24.18 | 24.43 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-QPSK    | H | Outer_Full      | 23.33 | 23.58 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Left  | 23.29 | 23.54 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Right | 23.29 | 23.54 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-16QAM   | H | Outer_Full      | 22.40 | 22.65 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Left  | 22.11 | 22.36 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Right | 22.02 | 22.27 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-64QAM   | H | Outer_Full      | 21.83 | 22.08 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Left  | 19.44 | 19.69 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Right | 19.25 | 19.50 | 33.00 | PASS |
| N2 | 15 | 5  | DFT-256QAM  | H | Outer_Full      | 19.77 | 20.02 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.29 | 24.54 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.27 | 24.52 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full      | 23.74 | 23.99 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Left  | 24.16 | 24.41 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Right | 24.16 | 24.41 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | L | Outer_Full      | 23.20 | 23.45 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Left  | 23.15 | 23.40 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Right | 23.21 | 23.46 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | L | Outer_Full      | 22.24 | 22.49 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Left  | 22.07 | 22.32 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Right | 22.02 | 22.27 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | L | Outer_Full      | 21.76 | 22.01 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Left  | 19.30 | 19.55 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Right | 19.29 | 19.54 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | L | Outer_Full      | 19.69 | 19.94 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.49 | 24.74 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.38 | 24.63 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full      | 23.95 | 24.20 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Left  | 24.38 | 24.63 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Right | 24.26 | 24.51 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | M | Outer_Full      | 23.44 | 23.69 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Left  | 23.38 | 23.63 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Right | 23.33 | 23.58 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | M | Outer_Full      | 22.44 | 22.69 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Left  | 22.20 | 22.45 | 33.00 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N2 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Right | 22.05 | 22.30 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | M | Outer_Full      | 22.00 | 22.25 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Left  | 19.41 | 19.66 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Right | 19.38 | 19.63 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | M | Outer_Full      | 19.90 | 20.15 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.41 | 24.66 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.35 | 24.60 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full      | 23.91 | 24.16 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 24.36 | 24.61 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 24.21 | 24.46 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | H | Outer_Full      | 23.40 | 23.65 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 23.42 | 23.67 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 23.26 | 23.51 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-16QAM   | H | Outer_Full      | 22.35 | 22.60 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 22.15 | 22.40 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 22.07 | 22.32 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-64QAM   | H | Outer_Full      | 21.92 | 22.17 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 19.39 | 19.64 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 19.32 | 19.57 | 33.00 | PASS |
| N2 | 15 | 10 | DFT-256QAM  | H | Outer_Full      | 19.85 | 20.10 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.51 | 24.76 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.50 | 24.75 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full      | 23.91 | 24.16 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 24.33 | 24.58 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 24.36 | 24.61 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | L | Outer_Full      | 23.41 | 23.66 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 23.36 | 23.61 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 23.43 | 23.68 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | L | Outer_Full      | 22.49 | 22.74 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 22.23 | 22.48 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 22.12 | 22.37 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | L | Outer_Full      | 22.03 | 22.28 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 19.48 | 19.73 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 19.38 | 19.63 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | L | Outer_Full      | 19.97 | 20.22 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.56 | 24.81 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.49 | 24.74 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full      | 24.07 | 24.32 | 33.00 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N2 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 24.44 | 24.69 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 24.53 | 24.78 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | M | Outer_Full      | 23.56 | 23.81 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 23.50 | 23.75 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 23.46 | 23.71 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | M | Outer_Full      | 22.60 | 22.85 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 22.26 | 22.51 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 22.26 | 22.51 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | M | Outer_Full      | 22.10 | 22.35 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Left  | 19.57 | 19.82 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Right | 19.56 | 19.81 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | M | Outer_Full      | 20.04 | 20.29 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.52 | 24.77 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.47 | 24.72 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full      | 24.05 | 24.30 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Left  | 24.44 | 24.69 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Right | 24.32 | 24.57 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | H | Outer_Full      | 23.53 | 23.78 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Left  | 23.50 | 23.75 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Right | 23.39 | 23.64 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | H | Outer_Full      | 22.61 | 22.86 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Left  | 22.23 | 22.48 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Right | 22.22 | 22.47 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | H | Outer_Full      | 22.11 | 22.36 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Left  | 19.52 | 19.77 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Right | 19.39 | 19.64 | 33.00 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | H | Outer_Full      | 20.04 | 20.29 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.52 | 24.77 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.54 | 24.79 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full      | 24.01 | 24.26 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 24.44 | 24.69 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 24.50 | 24.75 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | L | Outer_Full      | 23.57 | 23.82 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 23.43 | 23.68 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 23.56 | 23.81 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | L | Outer_Full      | 22.50 | 22.75 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 22.28 | 22.53 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 22.30 | 22.55 | 33.00 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N2 | 15 | 20 | DFT-64QAM   | L | Outer_Full      | 22.10 | 22.35 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 19.48 | 19.73 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 19.57 | 19.82 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | L | Outer_Full      | 20.04 | 20.29 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.58 | 24.83 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.63 | 24.88 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full      | 24.11 | 24.36 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 24.51 | 24.76 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 24.48 | 24.73 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | M | Outer_Full      | 23.58 | 23.83 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 23.51 | 23.76 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 23.56 | 23.81 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | M | Outer_Full      | 22.60 | 22.85 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 22.40 | 22.65 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 22.29 | 22.54 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | M | Outer_Full      | 22.18 | 22.43 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 19.54 | 19.79 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 19.51 | 19.76 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | M | Outer_Full      | 20.15 | 20.40 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.56 | 24.81 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.47 | 24.72 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full      | 24.00 | 24.25 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 24.38 | 24.63 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 24.37 | 24.62 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | H | Outer_Full      | 23.48 | 23.73 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 23.40 | 23.65 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 23.39 | 23.64 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | H | Outer_Full      | 22.54 | 22.79 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 22.26 | 22.51 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 22.20 | 22.45 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | H | Outer_Full      | 22.11 | 22.36 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 19.51 | 19.76 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 19.37 | 19.62 | 33.00 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | H | Outer_Full      | 20.05 | 20.30 | 33.00 | 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 |
|------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N2   | 15  | 20        | DFT-256QAM | L       | Outer_Full | 100%      | 0.00   | 8.82   | ≤13   | PASS    |
| N2   | 15  | 20        | CP-256QAM  | L       | Outer_Full | 100%      | 0.00   | 9.57   | ≤13   | PASS    |
| N2   | 15  | 20        | DFT-256QAM | M       | Outer_Full | 100%      | 0.00   | 8.75   | ≤13   | PASS    |
| N2   | 15  | 20        | CP-256QAM  | M       | Outer_Full | 100%      | 0.00   | 9.93   | ≤13   | PASS    |
| N2   | 15  | 20        | DFT-256QAM | H       | Outer_Full | 100%      | 0.00   | 8.71   | ≤13   | PASS    |
| N2   | 15  | 20        | CP-256QAM  | H       | Outer_Full | 100%      | 0.00   | 10.00  | ≤13   | PASS    |



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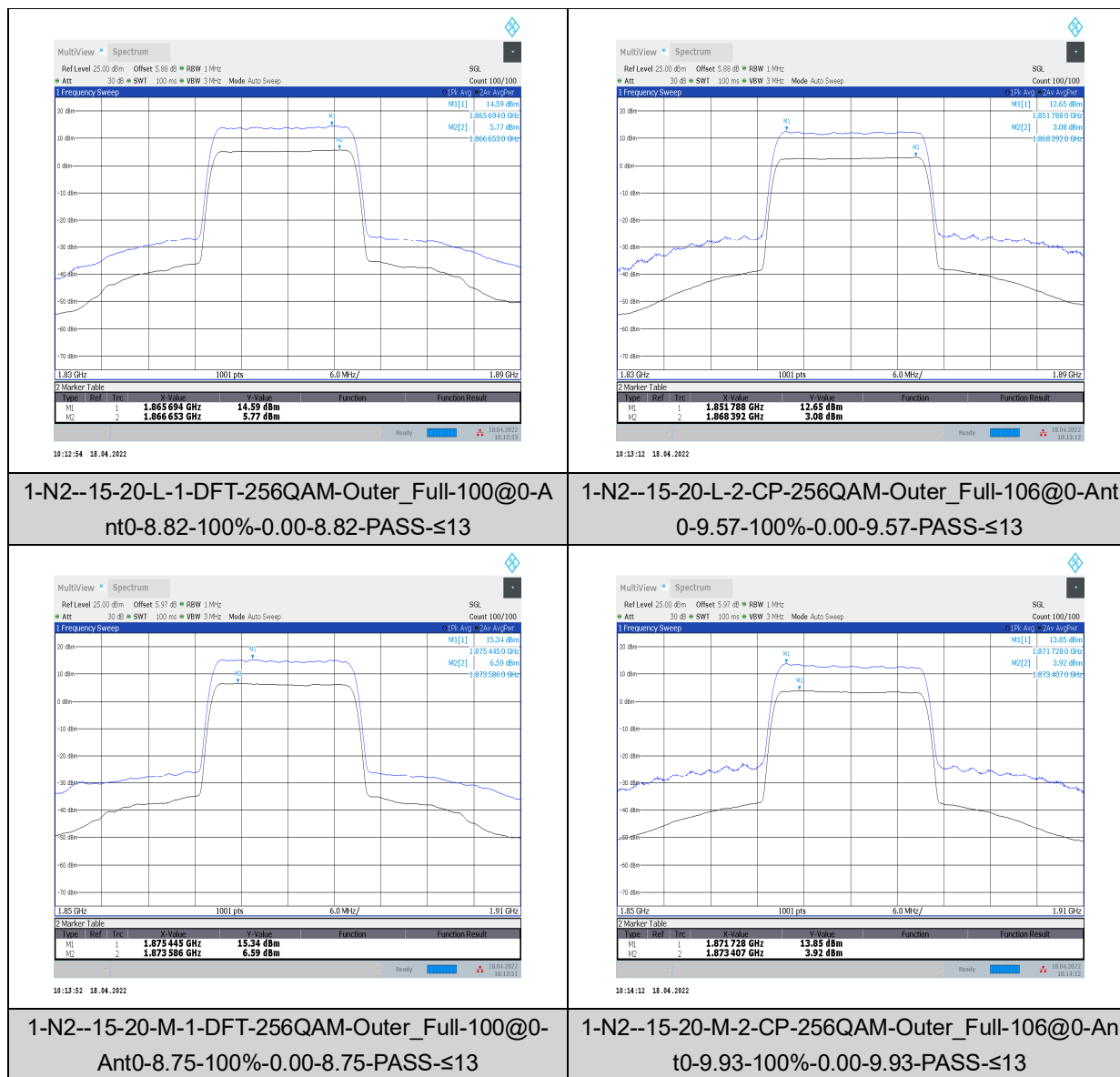
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## Test Graphs



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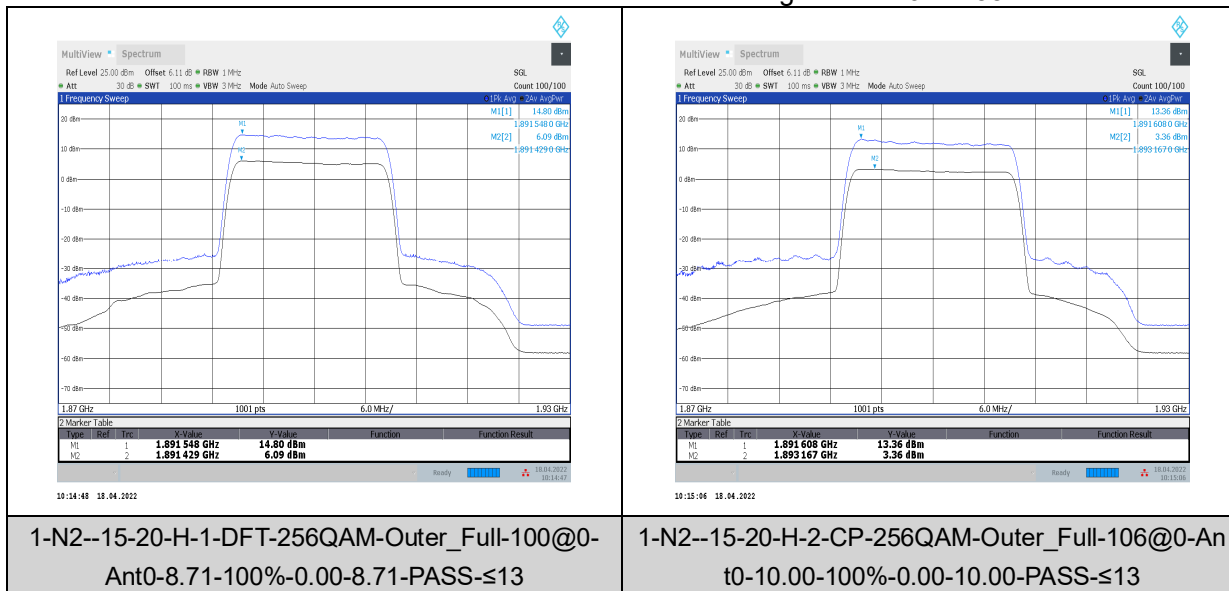
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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N2   | 15  | 5         | DFT-QPSK    | L       | Outer_Full | 4.488        | 5.000         | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full | 4.470        | 5.080         | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | L       | Outer_Full | 4.482        | 5.070         | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | L       | Outer_Full | 4.486        | 5.060         | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | L       | Outer_Full | 4.483        | 5.130         | PASS    |
| N2   | 15  | 5         | CP-QPSK     | L       | Outer_Full | 4.470        | 5.080         | PASS    |
| N2   | 15  | 5         | CP-16QAM    | L       | Outer_Full | 4.489        | 5.160         | PASS    |
| N2   | 15  | 5         | CP-64QAM    | L       | Outer_Full | 4.497        | 5.170         | PASS    |
| N2   | 15  | 5         | CP-256QAM   | L       | Outer_Full | 4.491        | 5.190         | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | M       | Outer_Full | 4.485        | 5.030         | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full | 4.477        | 5.090         | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | M       | Outer_Full | 4.482        | 5.050         | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | M       | Outer_Full | 4.489        | 5.170         | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | M       | Outer_Full | 4.491        | 5.140         | PASS    |
| N2   | 15  | 5         | CP-QPSK     | M       | Outer_Full | 4.476        | 5.190         | PASS    |
| N2   | 15  | 5         | CP-16QAM    | M       | Outer_Full | 4.477        | 5.050         | PASS    |
| N2   | 15  | 5         | CP-64QAM    | M       | Outer_Full | 4.482        | 5.160         | PASS    |
| N2   | 15  | 5         | CP-256QAM   | M       | Outer_Full | 4.497        | 5.200         | PASS    |
| N2   | 15  | 5         | DFT-QPSK    | H       | Outer_Full | 4.474        | 4.940         | PASS    |
| N2   | 15  | 5         | DFT-PI2BPSK | H       | Outer_Full | 4.492        | 5.190         | PASS    |
| N2   | 15  | 5         | DFT-16QAM   | H       | Outer_Full | 4.478        | 5.050         | PASS    |
| N2   | 15  | 5         | DFT-64QAM   | H       | Outer_Full | 4.472        | 5.110         | PASS    |
| N2   | 15  | 5         | DFT-256QAM  | H       | Outer_Full | 4.480        | 5.060         | PASS    |
| N2   | 15  | 5         | CP-QPSK     | H       | Outer_Full | 4.482        | 5.250         | PASS    |
| N2   | 15  | 5         | CP-16QAM    | H       | Outer_Full | 4.476        | 5.170         | PASS    |
| N2   | 15  | 5         | CP-64QAM    | H       | Outer_Full | 4.483        | 5.180         | PASS    |
| N2   | 15  | 5         | CP-256QAM   | H       | Outer_Full | 4.495        | 5.190         | PASS    |
| N2   | 15  | 10        | DFT-QPSK    | L       | Outer_Full | 8.953        | 9.740         | PASS    |
| N2   | 15  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.959        | 9.720         | PASS    |
| N2   | 15  | 10        | DFT-16QAM   | L       | Outer_Full | 8.957        | 9.700         | PASS    |
| N2   | 15  | 10        | DFT-64QAM   | L       | Outer_Full | 8.947        | 9.720         | PASS    |



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|----|----|----|-------------|---|------------|--------|--------|------|
| N2 | 15 | 10 | DFT-256QAM  | L | Outer_Full | 8.943  | 9.620  | PASS |
| N2 | 15 | 10 | CP-QPSK     | L | Outer_Full | 9.317  | 10.280 | PASS |
| N2 | 15 | 10 | CP-16QAM    | L | Outer_Full | 9.297  | 10.180 | PASS |
| N2 | 15 | 10 | CP-64QAM    | L | Outer_Full | 9.322  | 10.340 | PASS |
| N2 | 15 | 10 | CP-256QAM   | L | Outer_Full | 9.307  | 10.160 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | M | Outer_Full | 8.951  | 9.740  | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.965  | 9.740  | PASS |
| N2 | 15 | 10 | DFT-16QAM   | M | Outer_Full | 8.955  | 9.640  | PASS |
| N2 | 15 | 10 | DFT-64QAM   | M | Outer_Full | 8.948  | 9.740  | PASS |
| N2 | 15 | 10 | DFT-256QAM  | M | Outer_Full | 8.948  | 9.680  | PASS |
| N2 | 15 | 10 | CP-QPSK     | M | Outer_Full | 9.309  | 10.240 | PASS |
| N2 | 15 | 10 | CP-16QAM    | M | Outer_Full | 9.297  | 10.240 | PASS |
| N2 | 15 | 10 | CP-64QAM    | M | Outer_Full | 9.324  | 10.220 | PASS |
| N2 | 15 | 10 | CP-256QAM   | M | Outer_Full | 9.313  | 10.180 | PASS |
| N2 | 15 | 10 | DFT-QPSK    | H | Outer_Full | 8.950  | 9.660  | PASS |
| N2 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.968  | 9.680  | PASS |
| N2 | 15 | 10 | DFT-16QAM   | H | Outer_Full | 8.962  | 9.680  | PASS |
| N2 | 15 | 10 | DFT-64QAM   | H | Outer_Full | 8.951  | 9.800  | PASS |
| N2 | 15 | 10 | DFT-256QAM  | H | Outer_Full | 8.956  | 9.720  | PASS |
| N2 | 15 | 10 | CP-QPSK     | H | Outer_Full | 9.320  | 10.260 | PASS |
| N2 | 15 | 10 | CP-16QAM    | H | Outer_Full | 9.298  | 10.200 | PASS |
| N2 | 15 | 10 | CP-64QAM    | H | Outer_Full | 9.318  | 10.240 | PASS |
| N2 | 15 | 10 | CP-256QAM   | H | Outer_Full | 9.308  | 10.140 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | L | Outer_Full | 13.501 | 14.430 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.431 | 14.340 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | L | Outer_Full | 13.458 | 14.520 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | L | Outer_Full | 13.425 | 14.460 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | L | Outer_Full | 13.448 | 14.580 | PASS |
| N2 | 15 | 15 | CP-QPSK     | L | Outer_Full | 14.126 | 15.210 | PASS |
| N2 | 15 | 15 | CP-16QAM    | L | Outer_Full | 14.12  | 15.270 | PASS |
| N2 | 15 | 15 | CP-64QAM    | L | Outer_Full | 14.141 | 15.150 | PASS |
| N2 | 15 | 15 | CP-256QAM   | L | Outer_Full | 14.146 | 15.240 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | M | Outer_Full | 13.499 | 14.460 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.419 | 14.490 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | M | Outer_Full | 13.450 | 14.490 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | M | Outer_Full | 13.433 | 14.550 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | M | Outer_Full | 13.431 | 14.490 | PASS |
| N2 | 15 | 15 | CP-QPSK     | M | Outer_Full | 14.134 | 15.270 | PASS |



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|    |    |    |             |   |            |        |        |      |
|----|----|----|-------------|---|------------|--------|--------|------|
| N2 | 15 | 15 | CP-16QAM    | M | Outer_Full | 14.115 | 15.120 | PASS |
| N2 | 15 | 15 | CP-64QAM    | M | Outer_Full | 14.152 | 15.240 | PASS |
| N2 | 15 | 15 | CP-256QAM   | M | Outer_Full | 14.153 | 15.300 | PASS |
| N2 | 15 | 15 | DFT-QPSK    | H | Outer_Full | 13.506 | 14.520 | PASS |
| N2 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.443 | 14.310 | PASS |
| N2 | 15 | 15 | DFT-16QAM   | H | Outer_Full | 13.458 | 14.520 | PASS |
| N2 | 15 | 15 | DFT-64QAM   | H | Outer_Full | 13.416 | 14.460 | PASS |
| N2 | 15 | 15 | DFT-256QAM  | H | Outer_Full | 13.448 | 14.580 | PASS |
| N2 | 15 | 15 | CP-QPSK     | H | Outer_Full | 14.129 | 15.240 | PASS |
| N2 | 15 | 15 | CP-16QAM    | H | Outer_Full | 14.122 | 15.180 | PASS |
| N2 | 15 | 15 | CP-64QAM    | H | Outer_Full | 14.148 | 15.180 | PASS |
| N2 | 15 | 15 | CP-256QAM   | H | Outer_Full | 14.148 | 15.300 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | L | Outer_Full | 17.850 | 18.920 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.860 | 19.000 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | L | Outer_Full | 17.877 | 18.920 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | L | Outer_Full | 17.858 | 19.000 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | L | Outer_Full | 17.889 | 18.960 | PASS |
| N2 | 15 | 20 | CP-QPSK     | L | Outer_Full | 18.931 | 20.160 | PASS |
| N2 | 15 | 20 | CP-16QAM    | L | Outer_Full | 18.969 | 20.160 | PASS |
| N2 | 15 | 20 | CP-64QAM    | L | Outer_Full | 18.936 | 20.200 | PASS |
| N2 | 15 | 20 | CP-256QAM   | L | Outer_Full | 18.922 | 20.080 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | M | Outer_Full | 17.839 | 18.880 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.873 | 18.960 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | M | Outer_Full | 17.874 | 19.040 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | M | Outer_Full | 17.851 | 19.040 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | M | Outer_Full | 17.886 | 18.960 | PASS |
| N2 | 15 | 20 | CP-QPSK     | M | Outer_Full | 18.93  | 20.120 | PASS |
| N2 | 15 | 20 | CP-16QAM    | M | Outer_Full | 18.945 | 20.120 | PASS |
| N2 | 15 | 20 | CP-64QAM    | M | Outer_Full | 18.926 | 20.040 | PASS |
| N2 | 15 | 20 | CP-256QAM   | M | Outer_Full | 18.922 | 20.080 | PASS |
| N2 | 15 | 20 | DFT-QPSK    | H | Outer_Full | 17.854 | 18.960 | PASS |
| N2 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.895 | 19.080 | PASS |
| N2 | 15 | 20 | DFT-16QAM   | H | Outer_Full | 17.874 | 18.960 | PASS |
| N2 | 15 | 20 | DFT-64QAM   | H | Outer_Full | 17.856 | 19.000 | PASS |
| N2 | 15 | 20 | DFT-256QAM  | H | Outer_Full | 17.893 | 19.000 | PASS |
| N2 | 15 | 20 | CP-QPSK     | H | Outer_Full | 18.943 | 20.120 | PASS |
| N2 | 15 | 20 | CP-16QAM    | H | Outer_Full | 18.945 | 20.040 | PASS |
| N2 | 15 | 20 | CP-64QAM    | H | Outer_Full | 18.923 | 20.040 | PASS |



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|    |    |    |           |   |            |        |        |      |
|----|----|----|-----------|---|------------|--------|--------|------|
| N2 | 15 | 20 | CP-256QAM | H | Outer_Full | 18.926 | 20.040 | PASS |
|----|----|----|-----------|---|------------|--------|--------|------|



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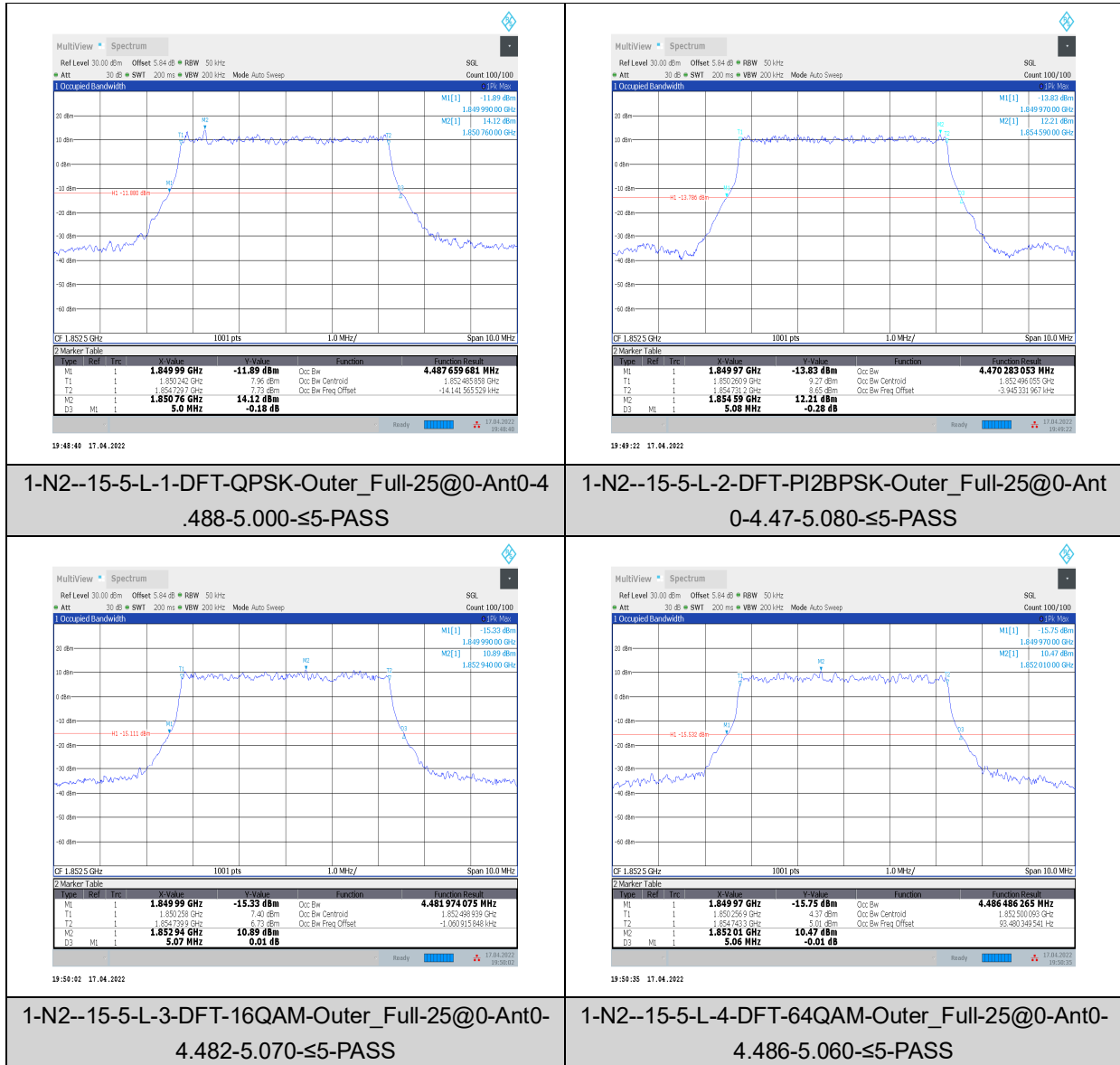
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### Test Graphs



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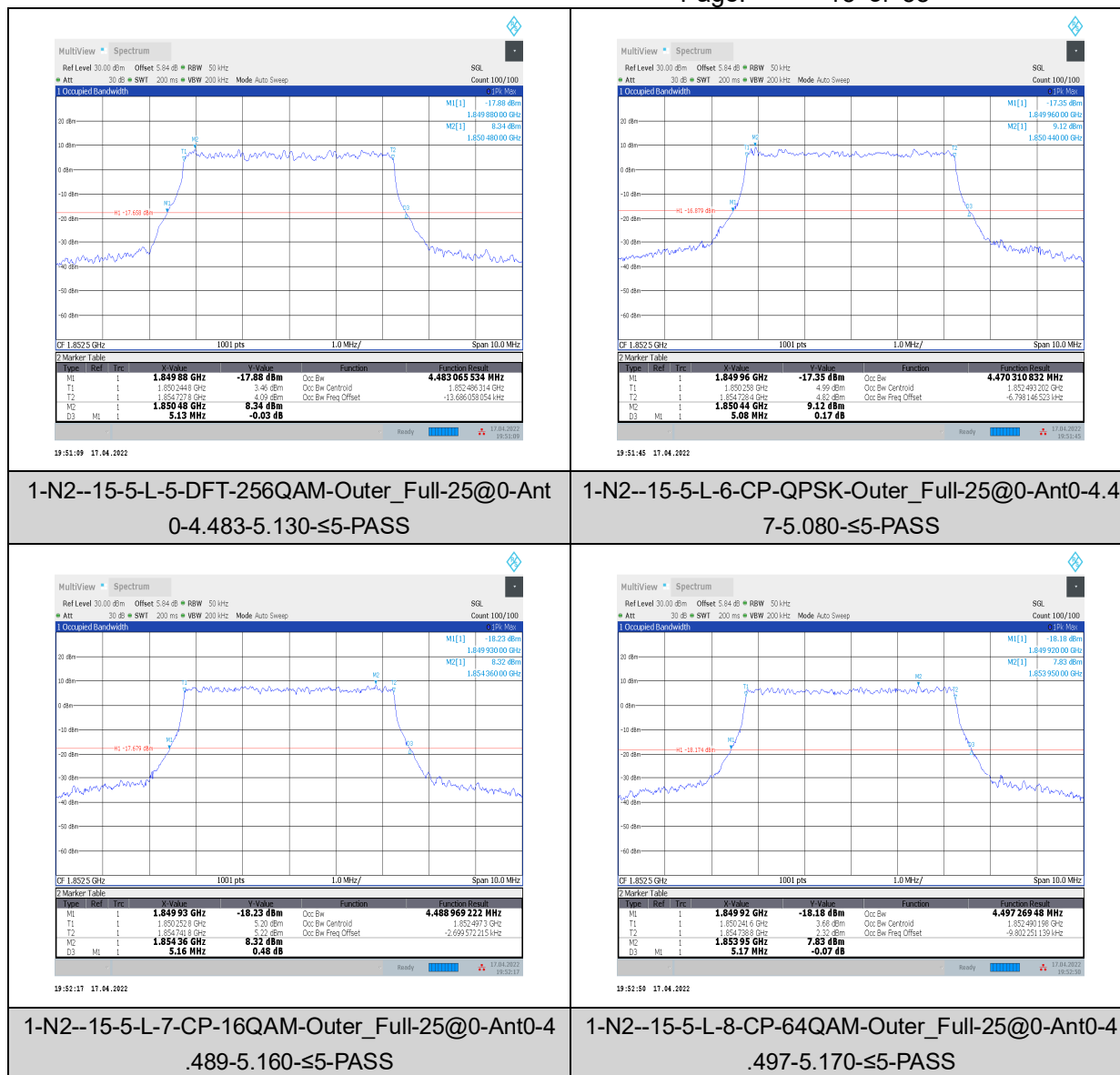
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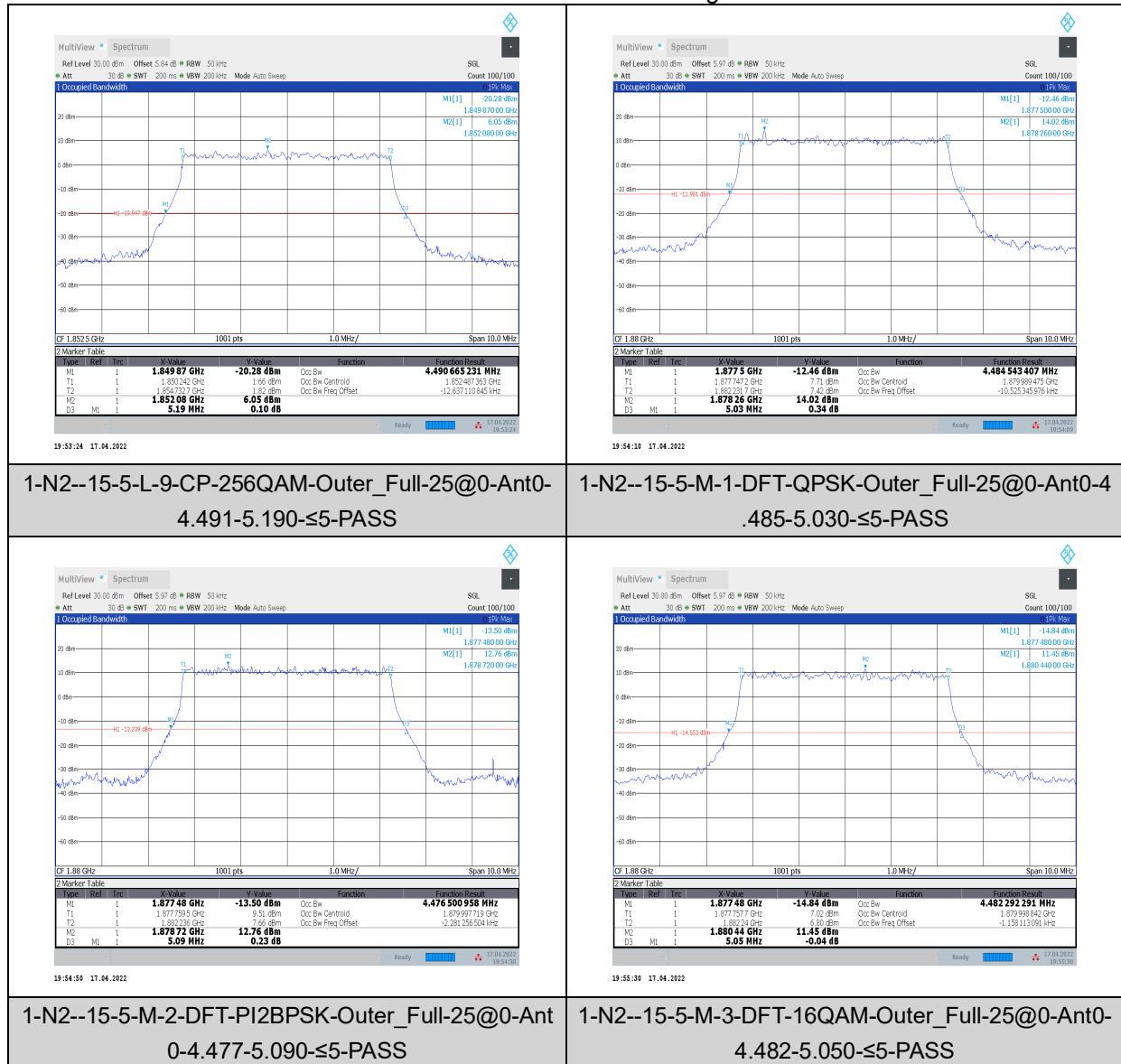
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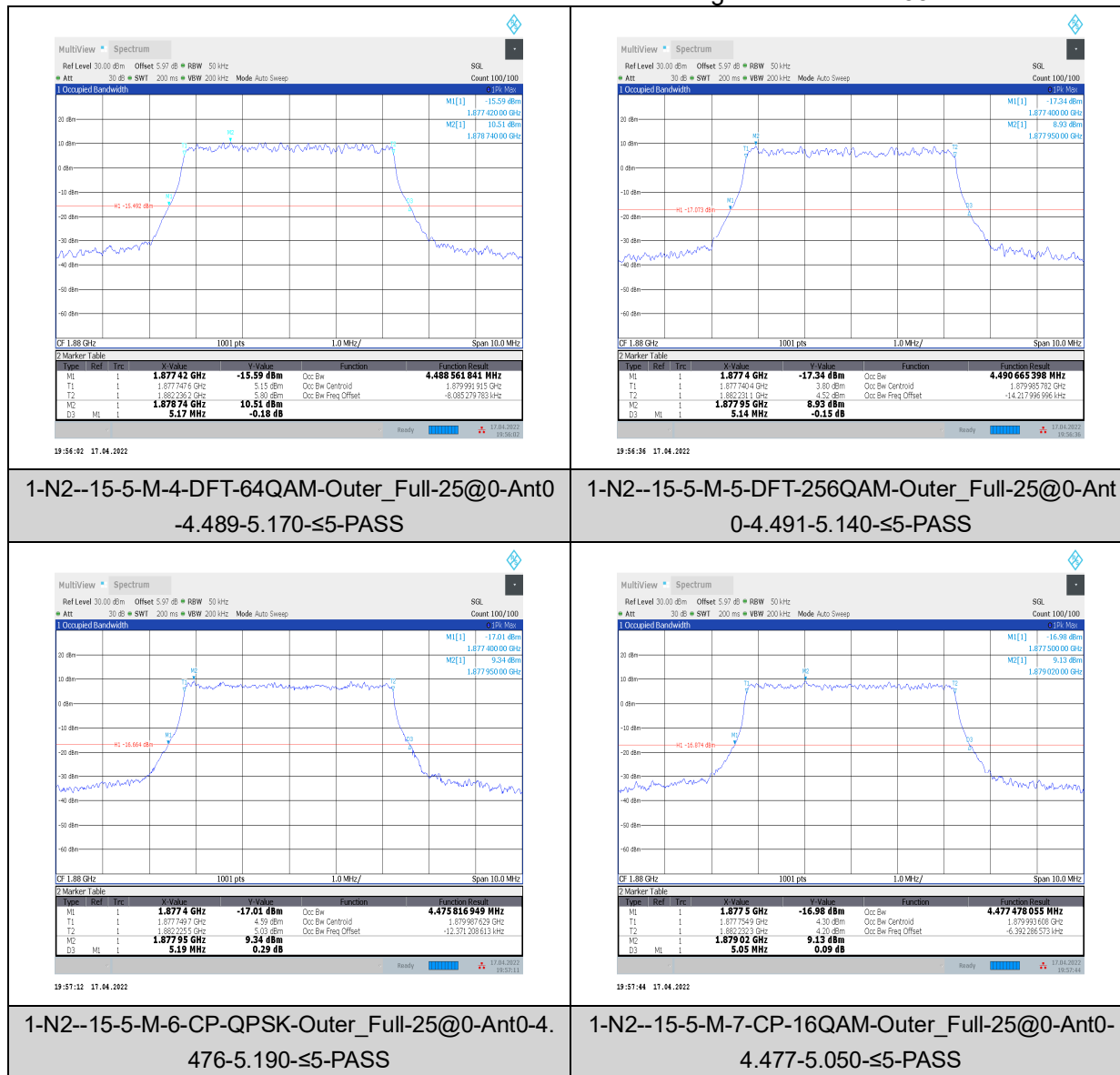
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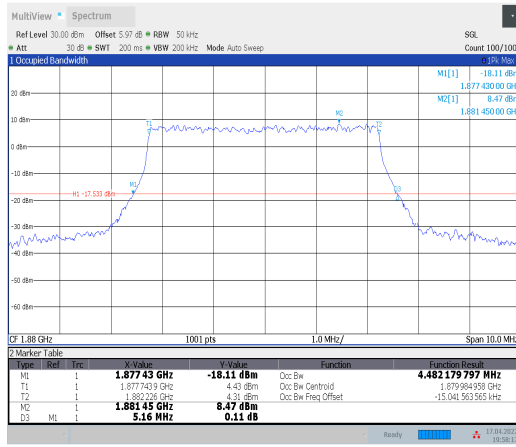
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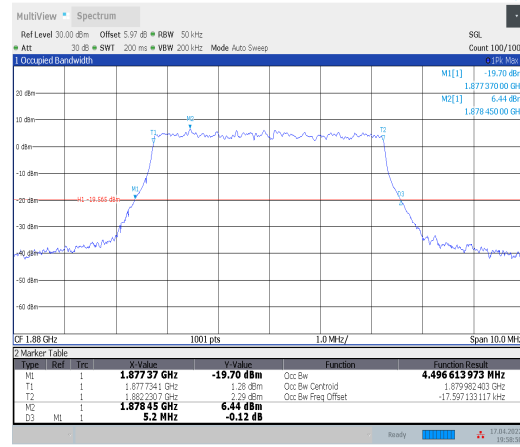
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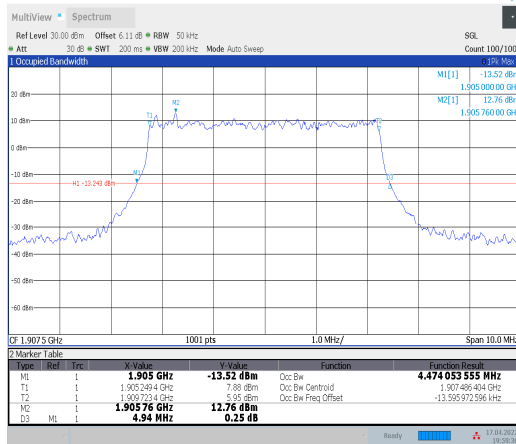
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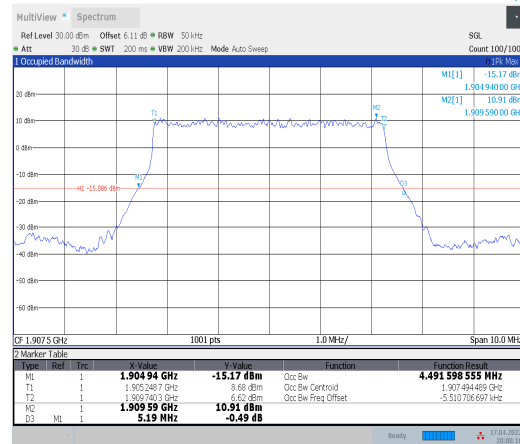
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1-N2--15-5-H-1-DFT-QPSK-Outer\_Full-25@0-Ant0-4.474-4.940-≤5-PASS



1-N2--15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant0-4.492-5.190-≤5-PASS



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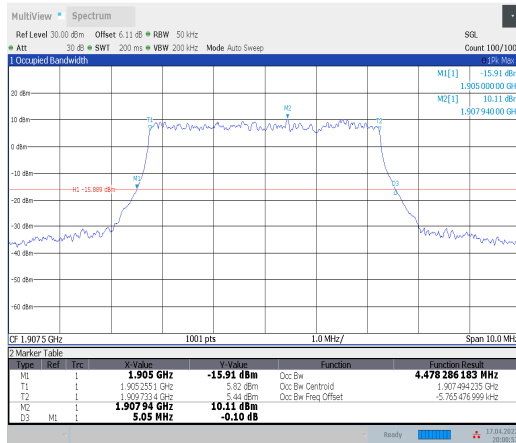
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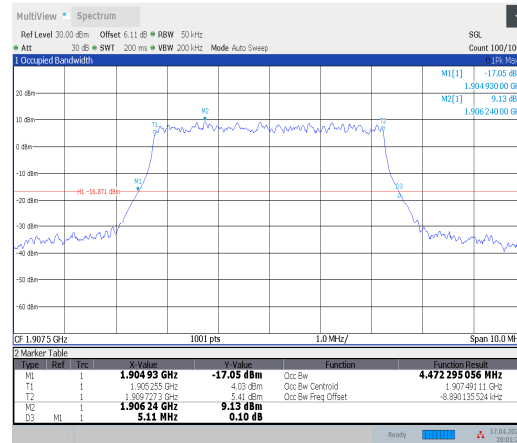
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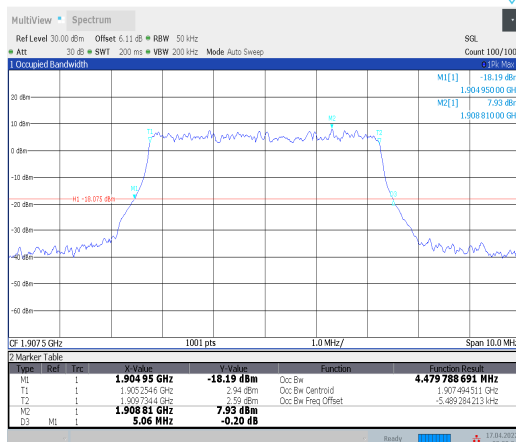
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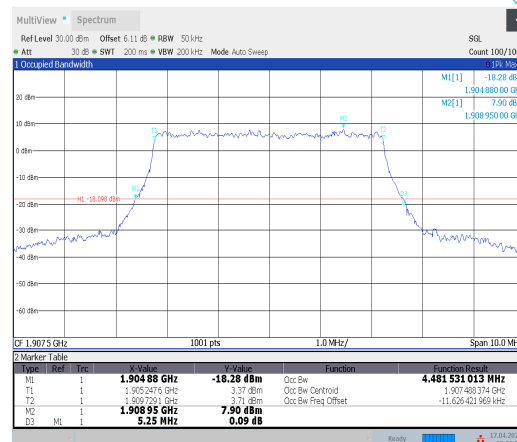
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1-N2--15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant0-0-4.48-5.060-≤5-PASS



1-N2--15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant0-4-482-5.250-≤5-PASS



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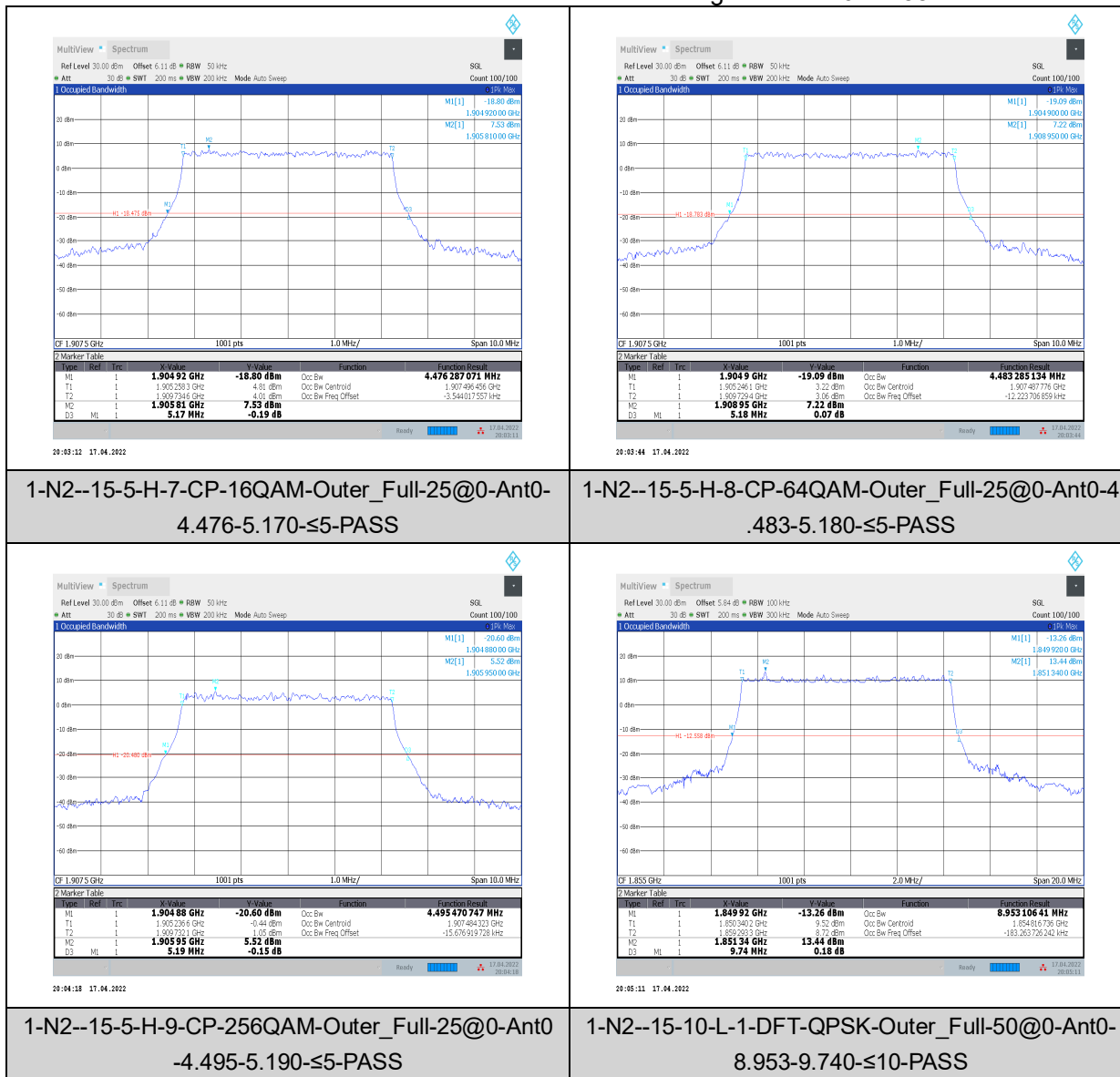
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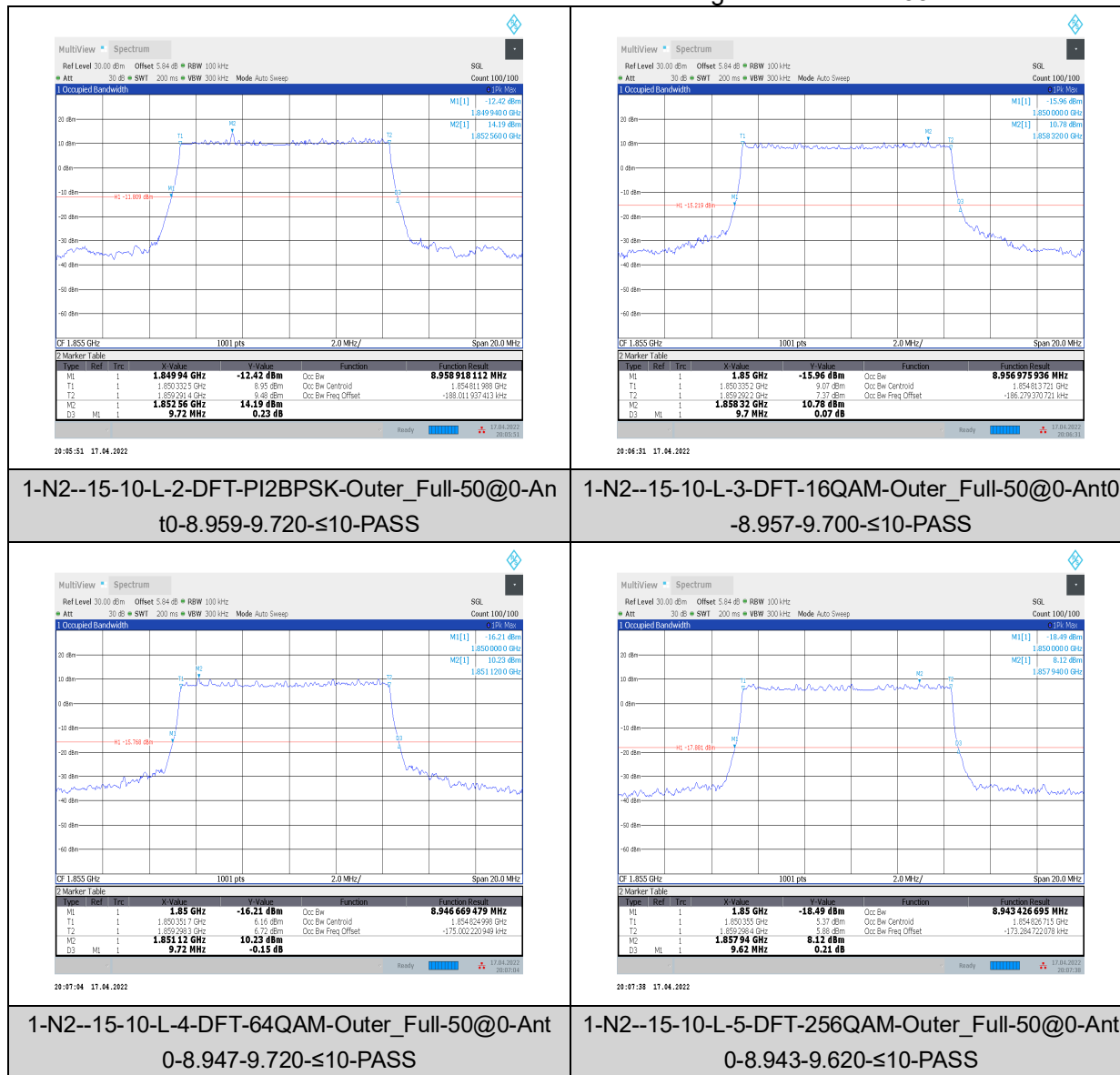
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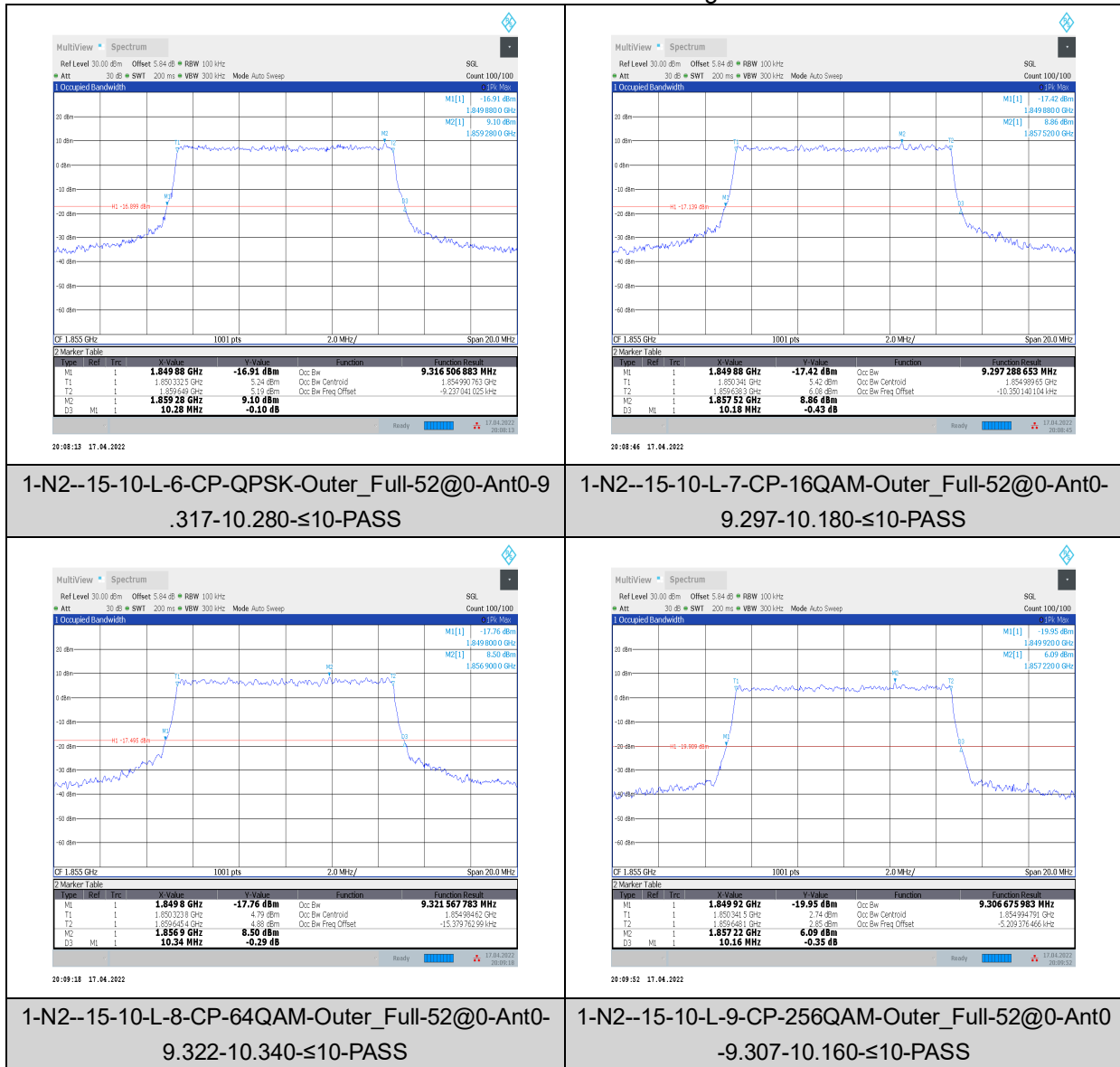
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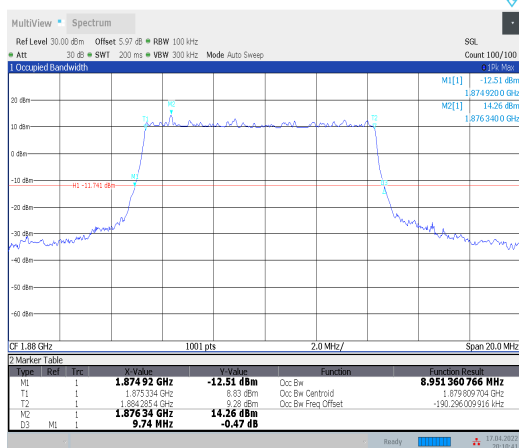
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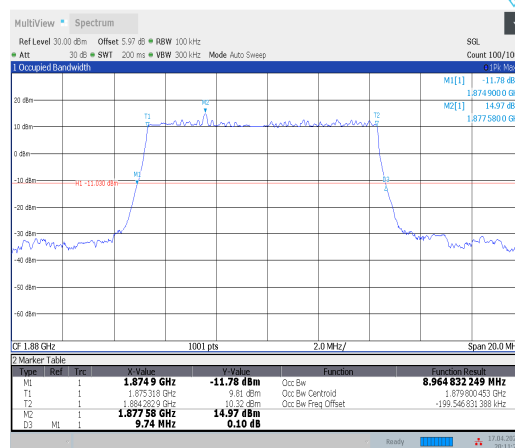
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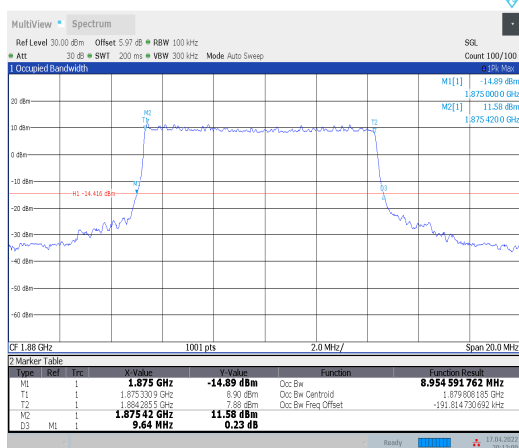
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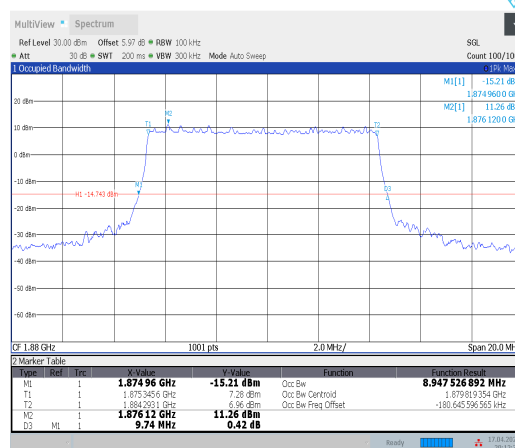
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-8.965-9.740≤10-PASS



1-N2--15-10-M-3-DFT-16QAM-Outet\_Full-50@0-Ant0  
0-8.955-9.640≤10-PASS



1-N2--15-10-M-4-DFT-64QAM-Outet\_Full-50@0-Ant0  
0-8.948-9.740≤10-PASS



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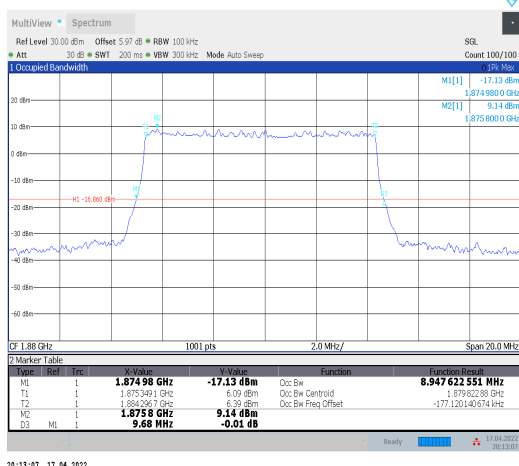
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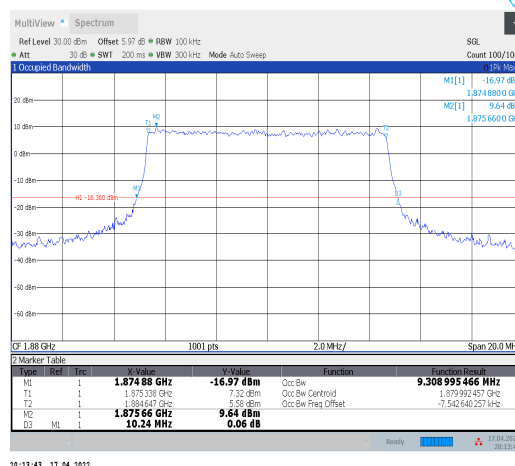
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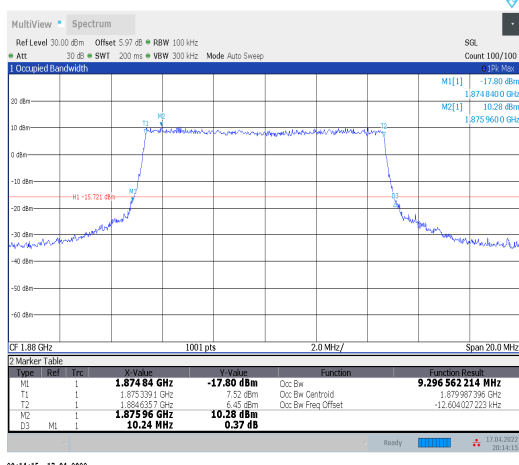
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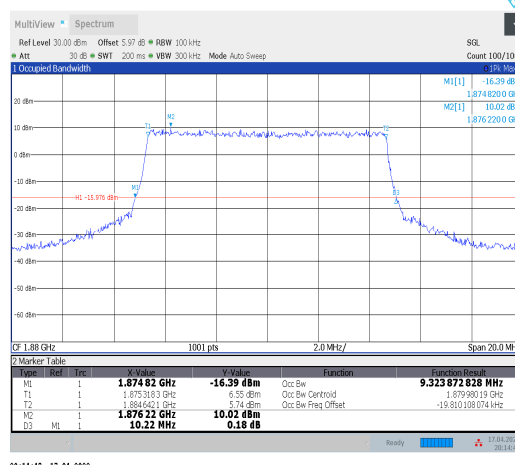
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nt0-8.948-9.680≤10-PASS



1-N2--15-10-M-6-CP-QPSK-Out\_ Full-52@0-Ant0-9  
.309-10.240≤10-PASS



1-N2--15-10-M-7-CP-16QAM-Out\_ Full-52@0-Ant0  
-9.297-10.240≤10-PASS



1-N2--15-10-M-8-CP-64QAM-Out\_ Full-52@0-Ant0  
-9.324-10.220≤10-PASS



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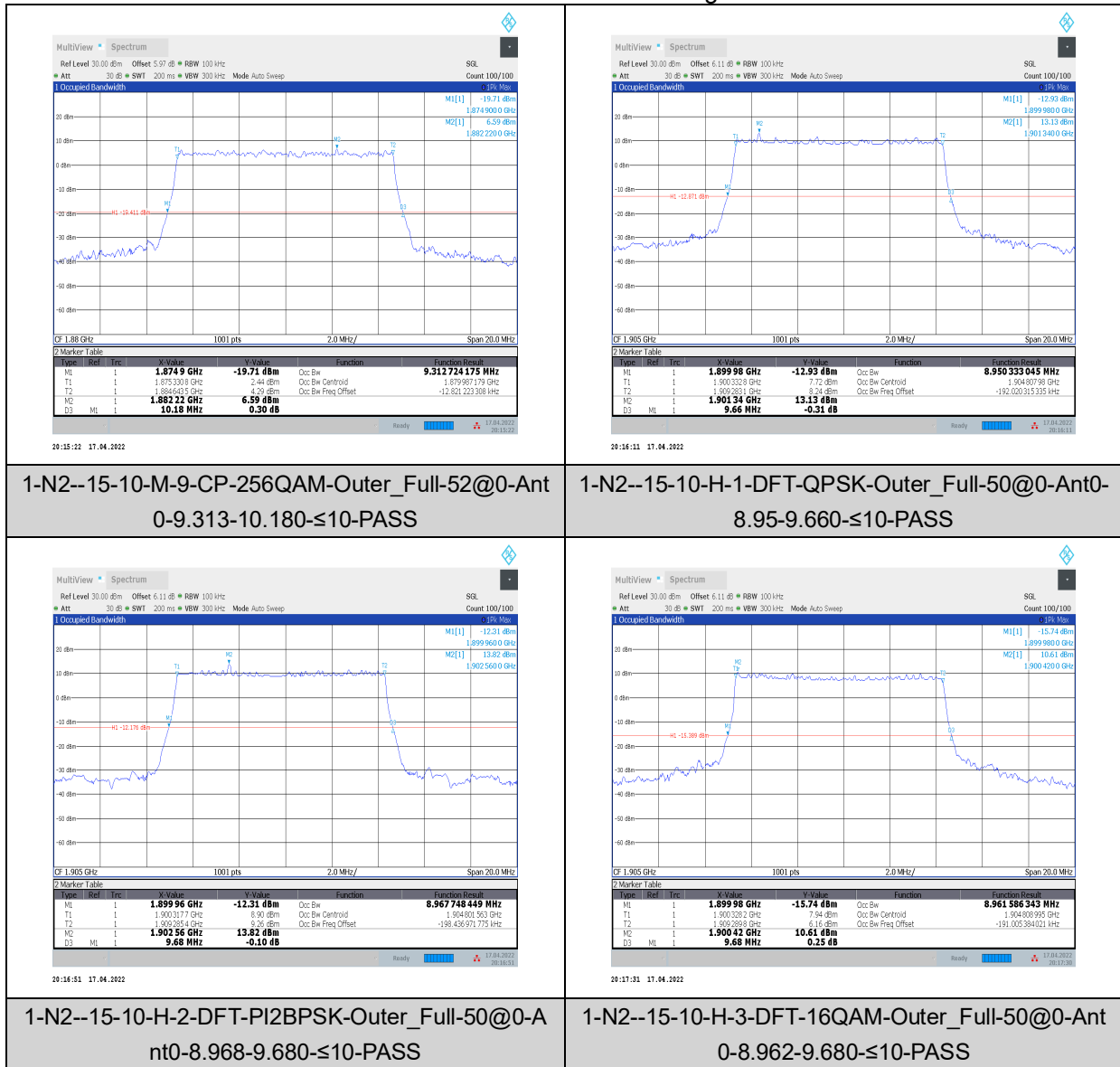
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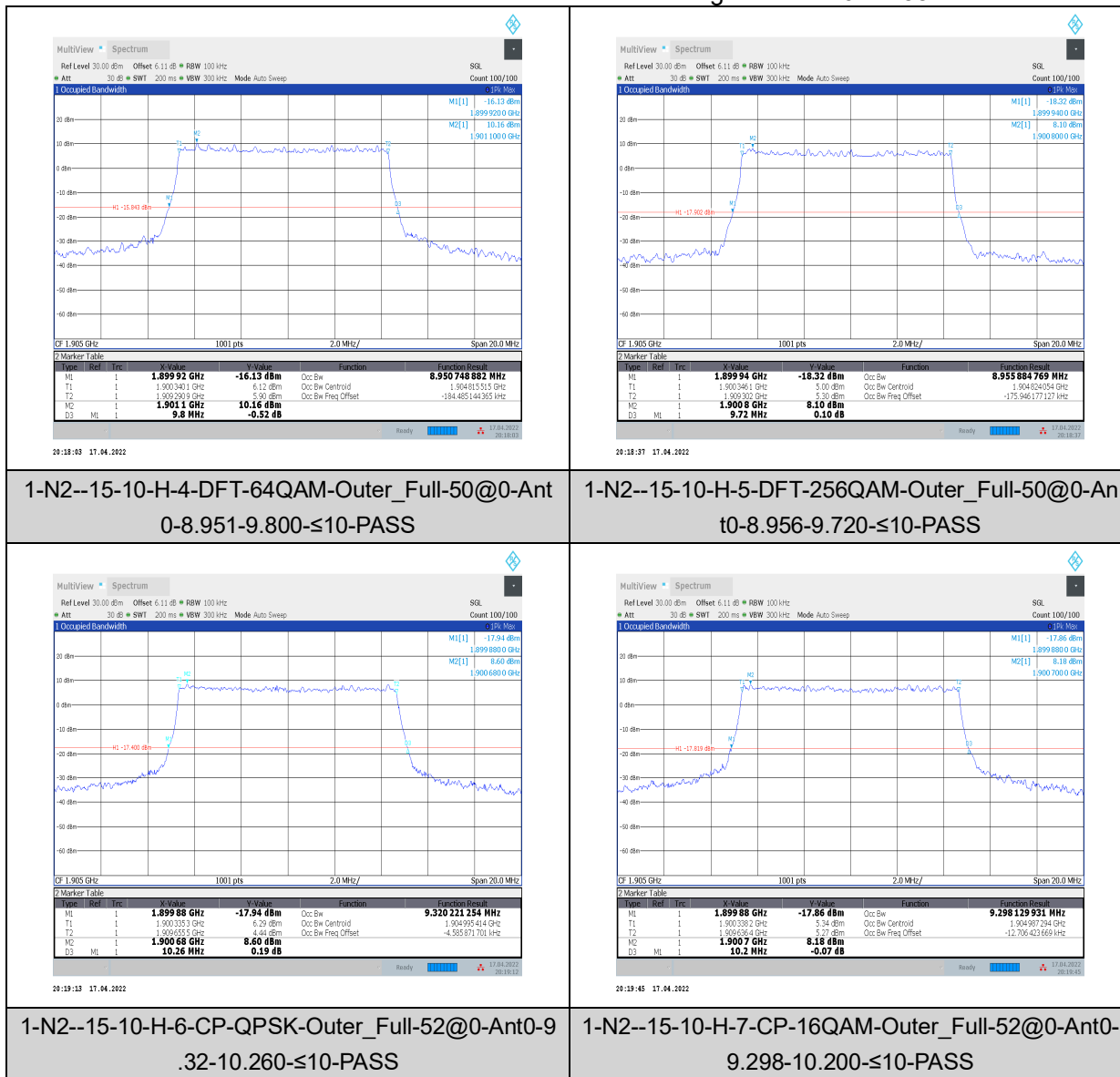
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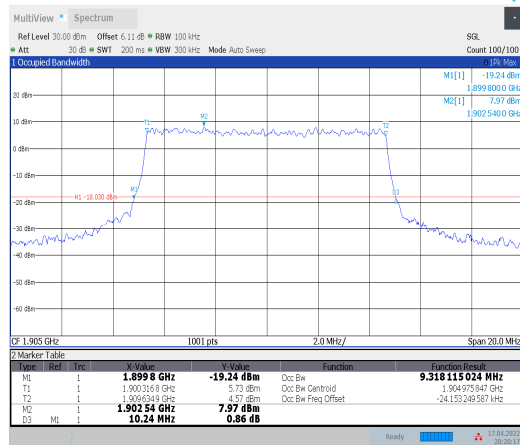
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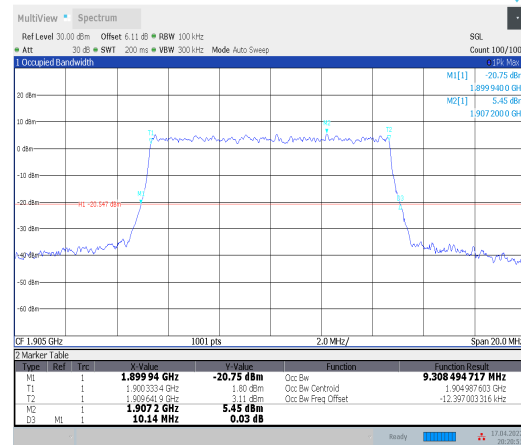
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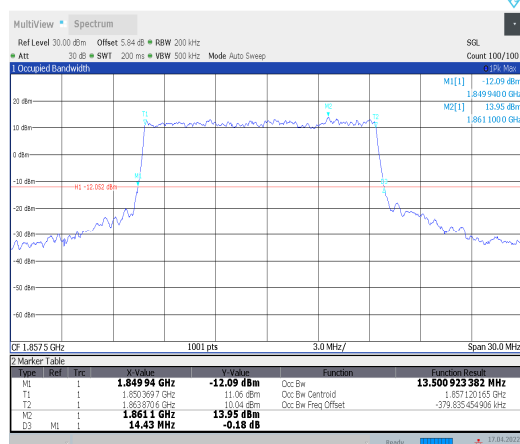
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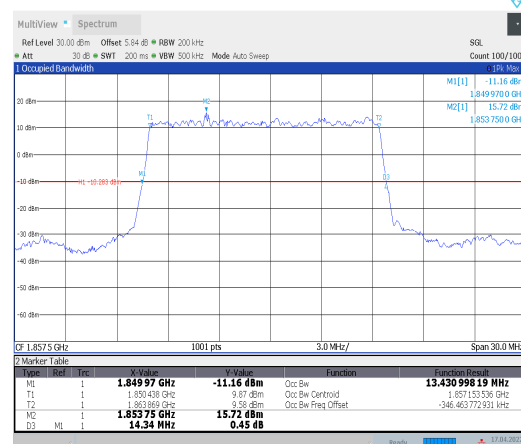
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1-N2--15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant  
0-9.308-10.140≤10-PASS



1-N2--15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant0  
13.501-14.430≤15-PASS



1-N2--15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-An  
t0-13.431-14.340≤15-PASS



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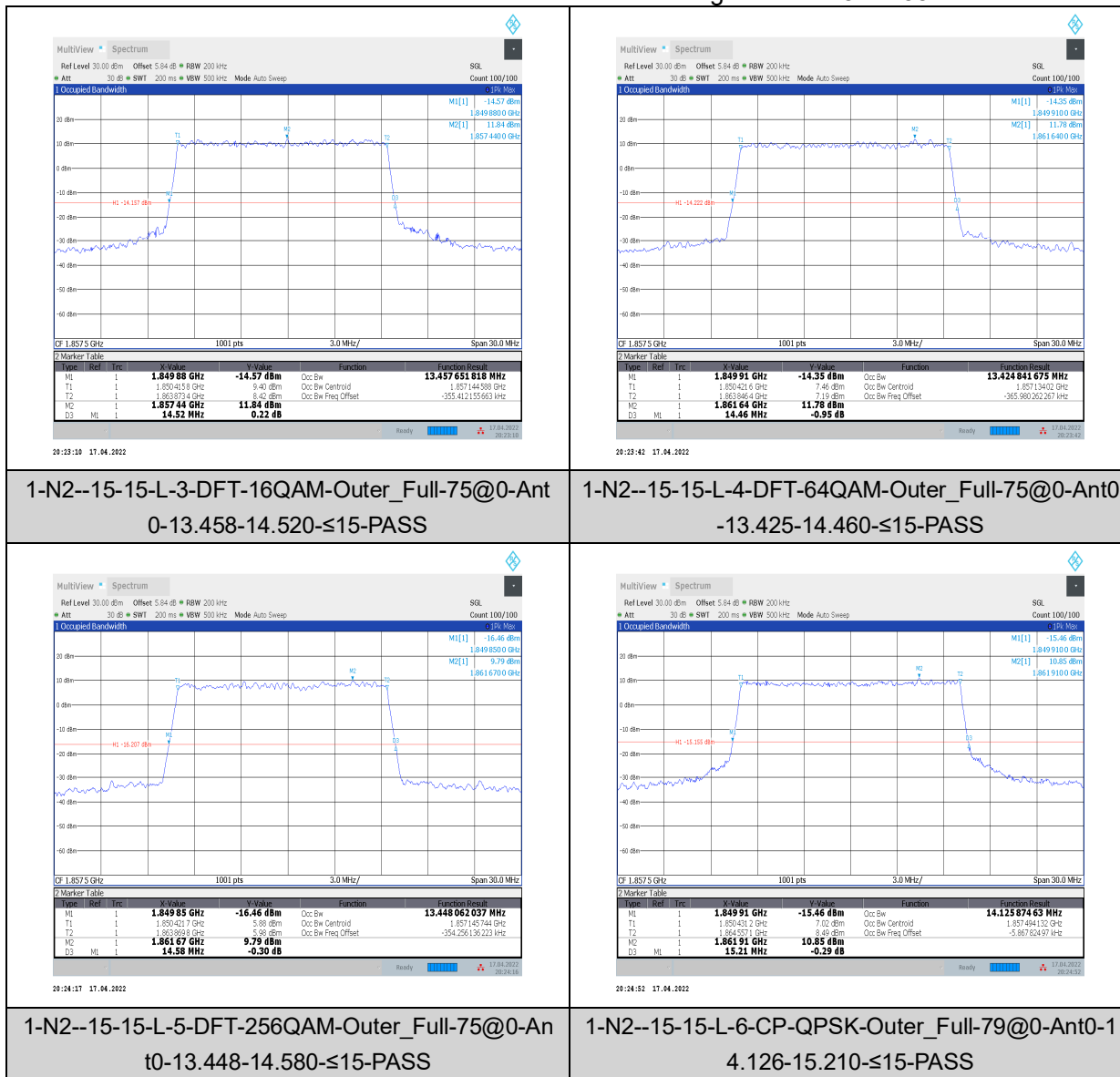
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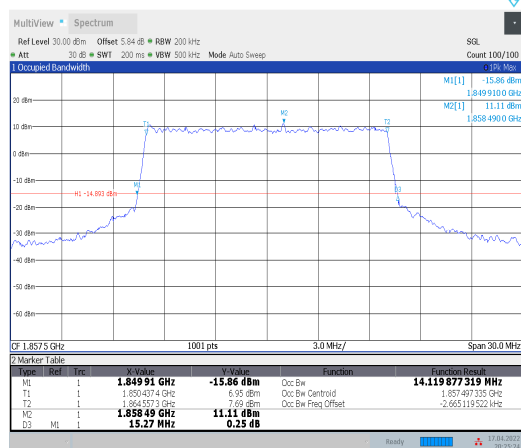
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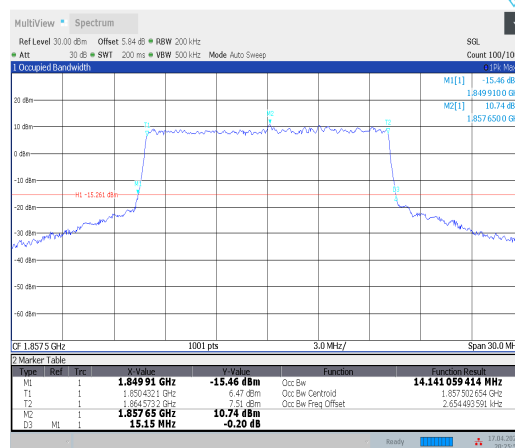
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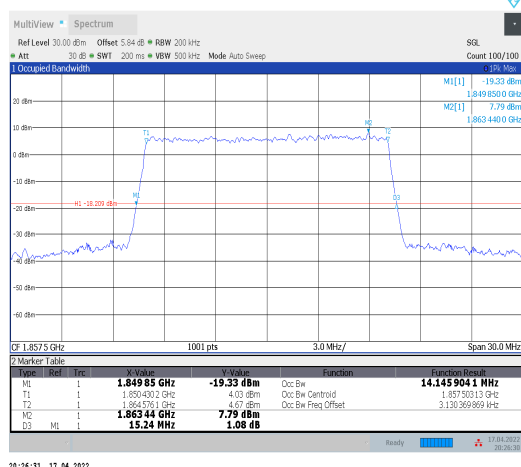
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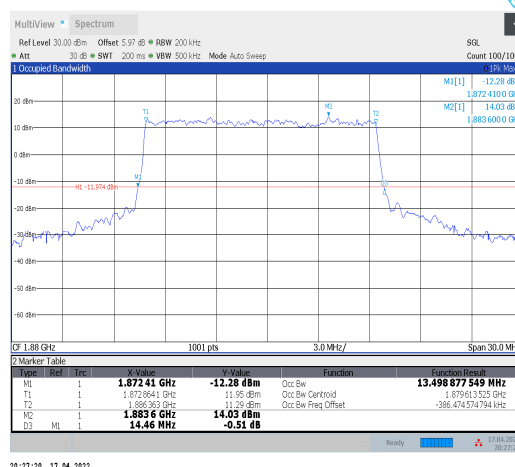
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14.141-15.150≤15-PASS



1-N2--15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant0-  
0-14.146-15.240≤15-PASS



1-N2--15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant0-  
13.499-14.460≤15-PASS



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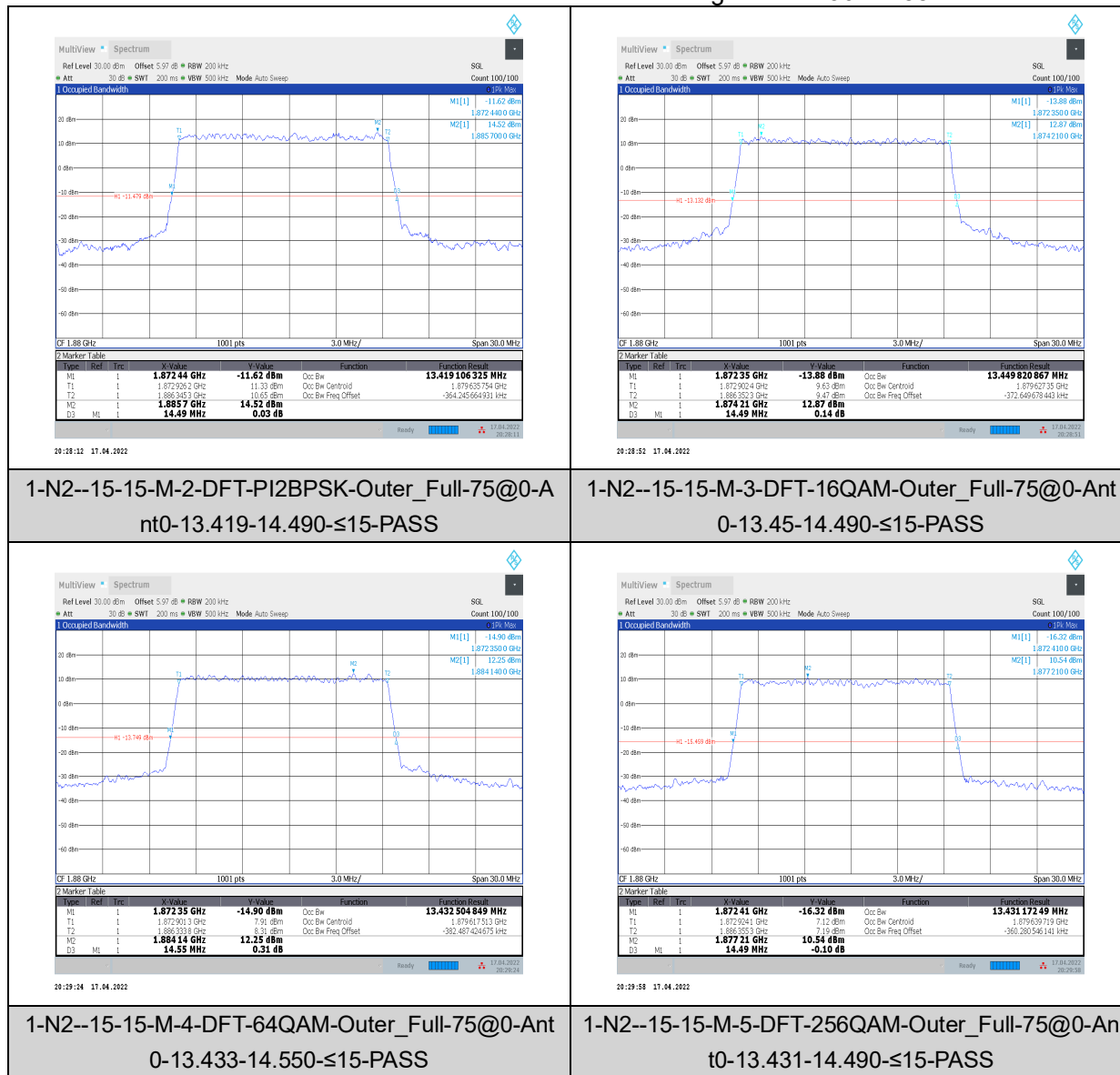
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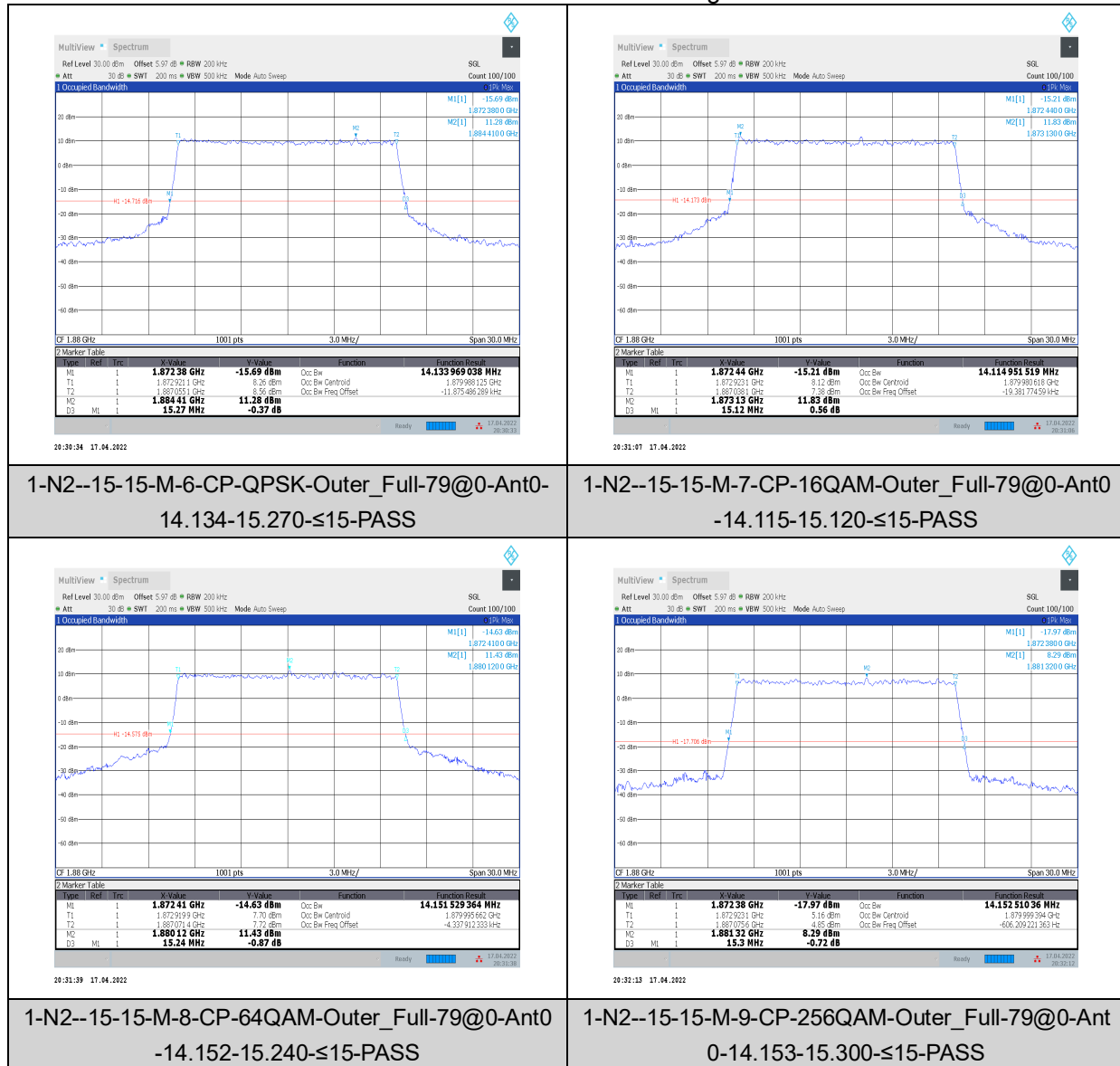
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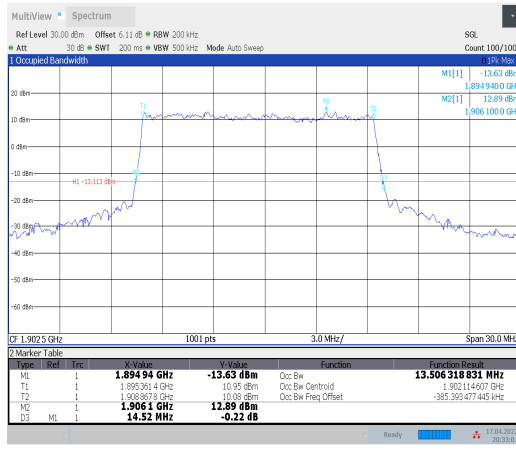
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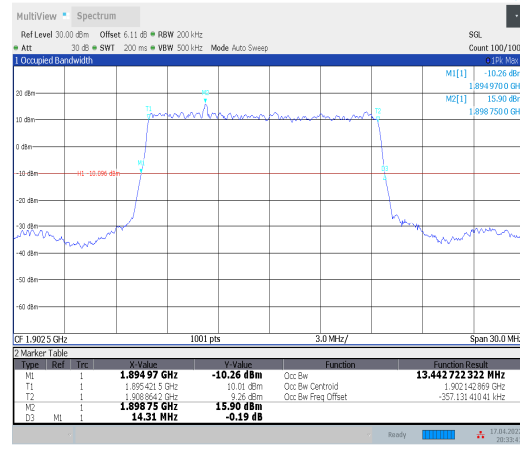
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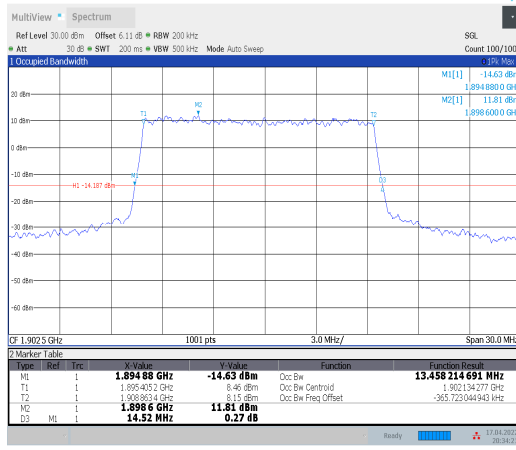
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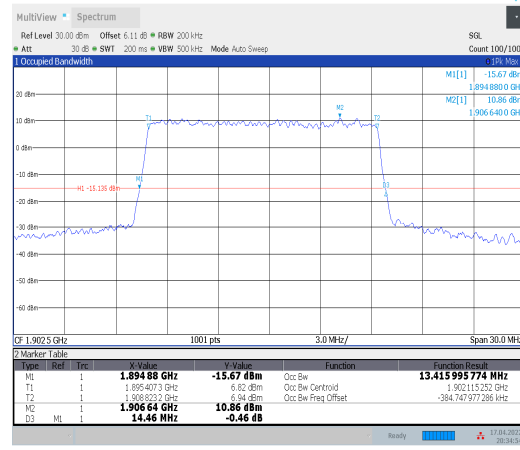
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1-N2--15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant0-13.416-14.460≤15-PASS



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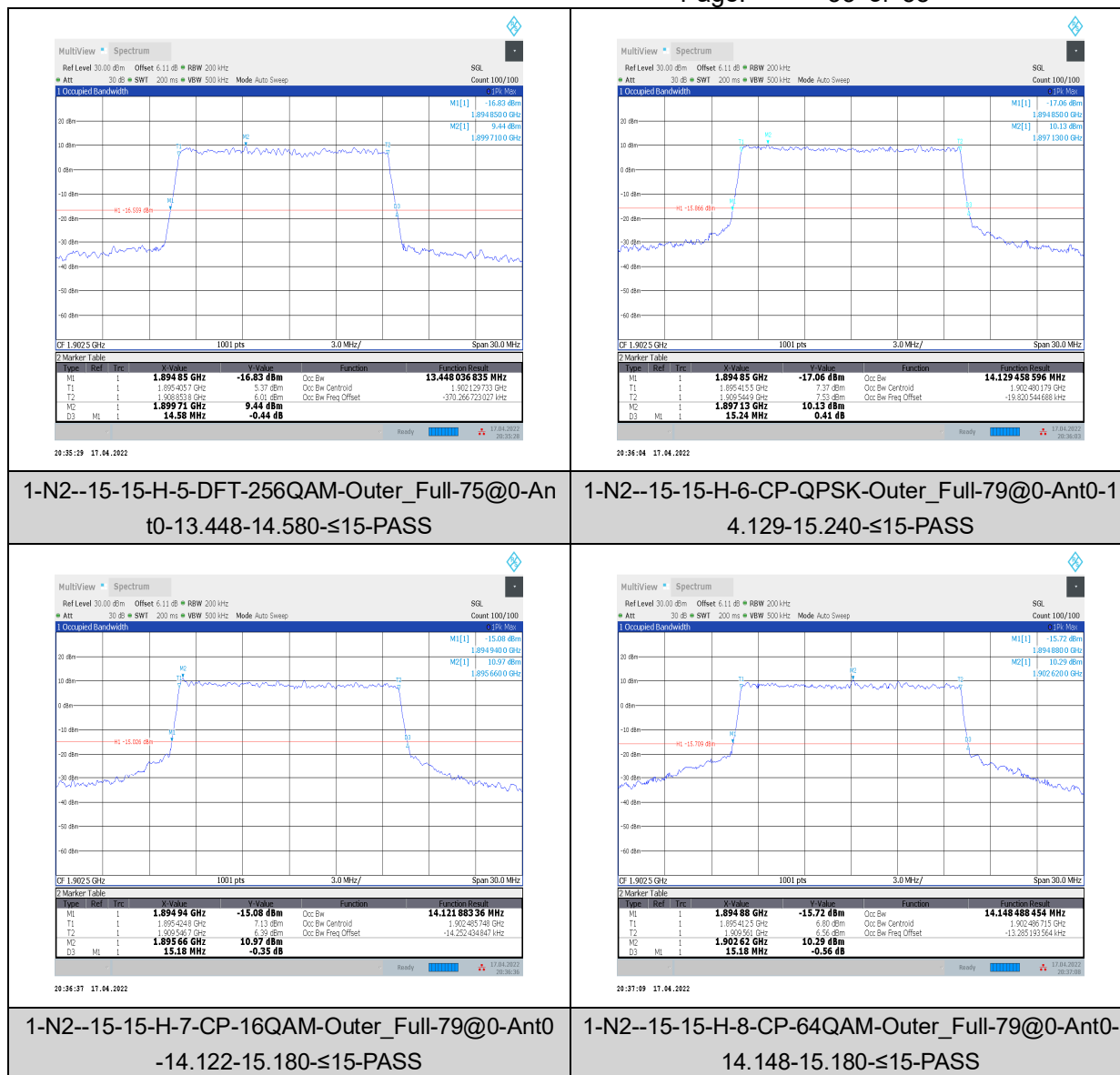
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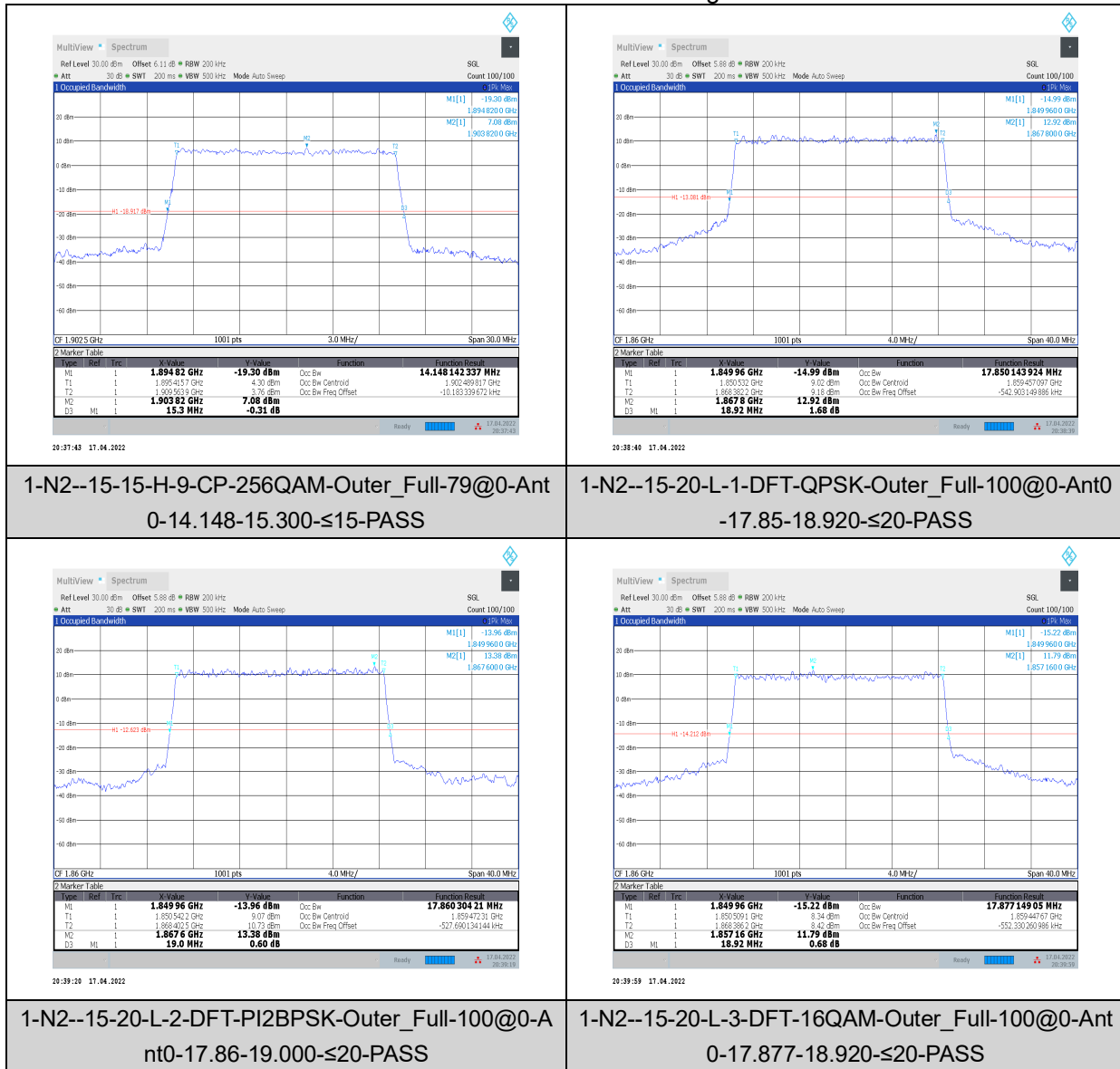
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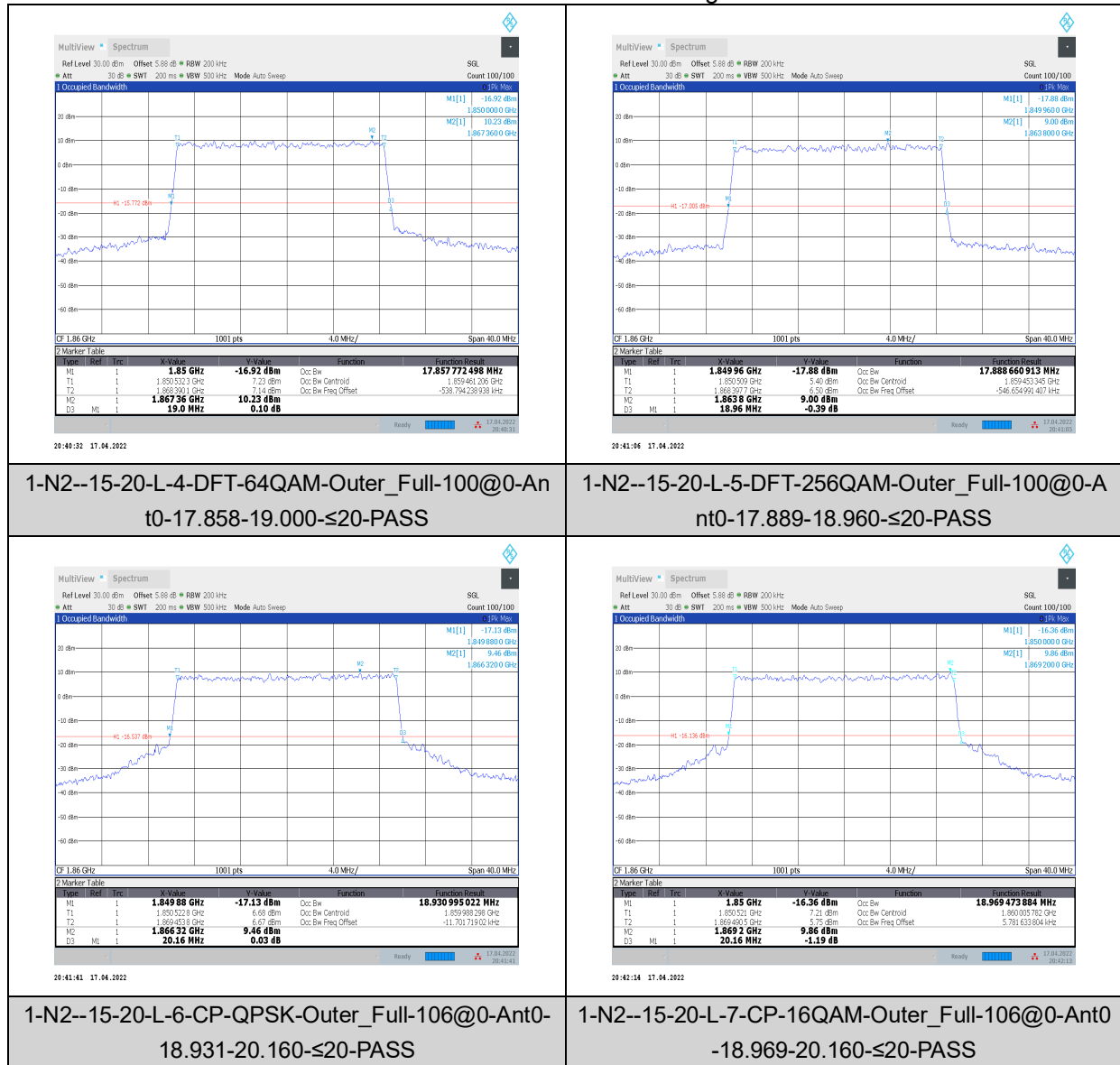
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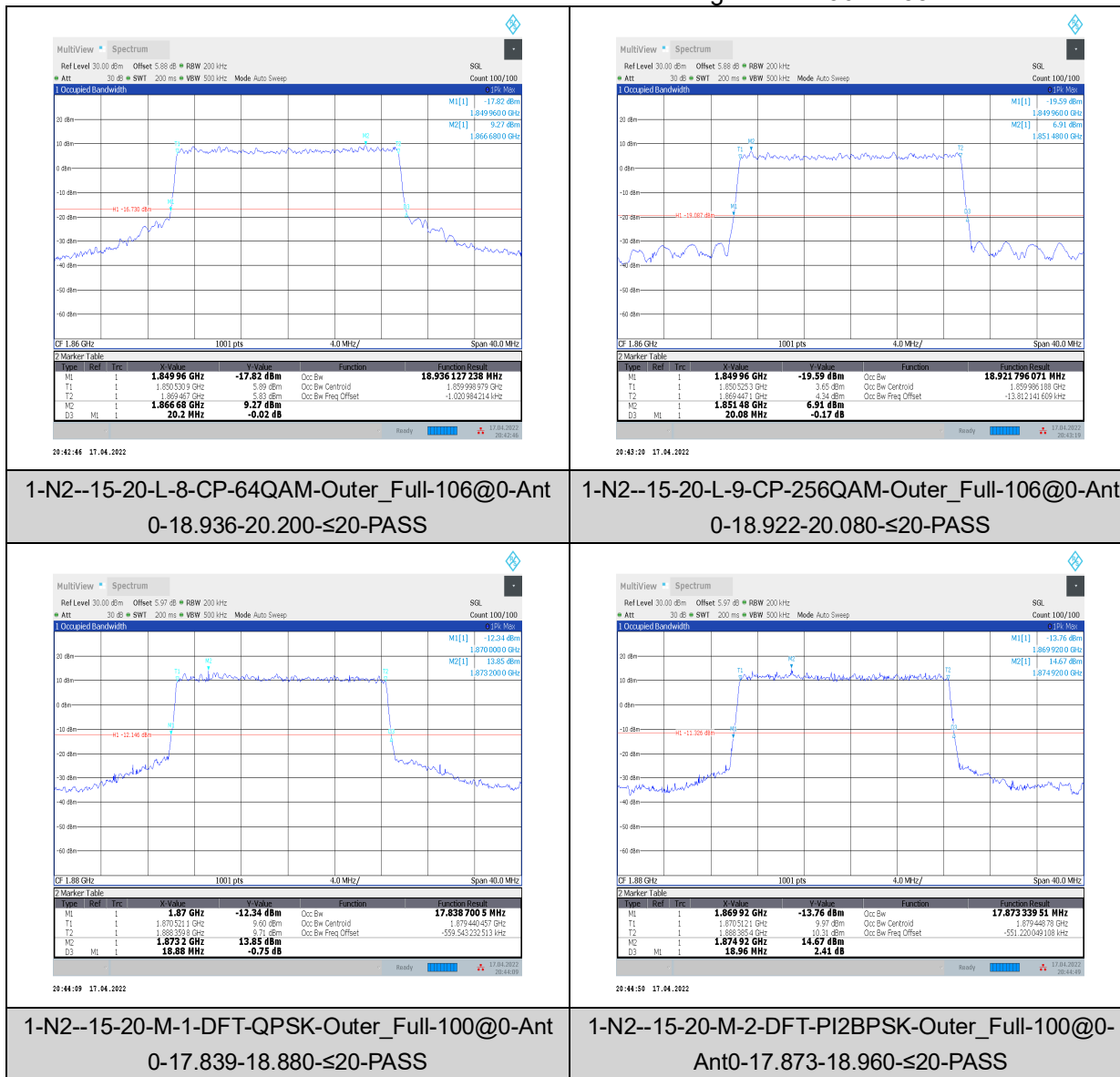
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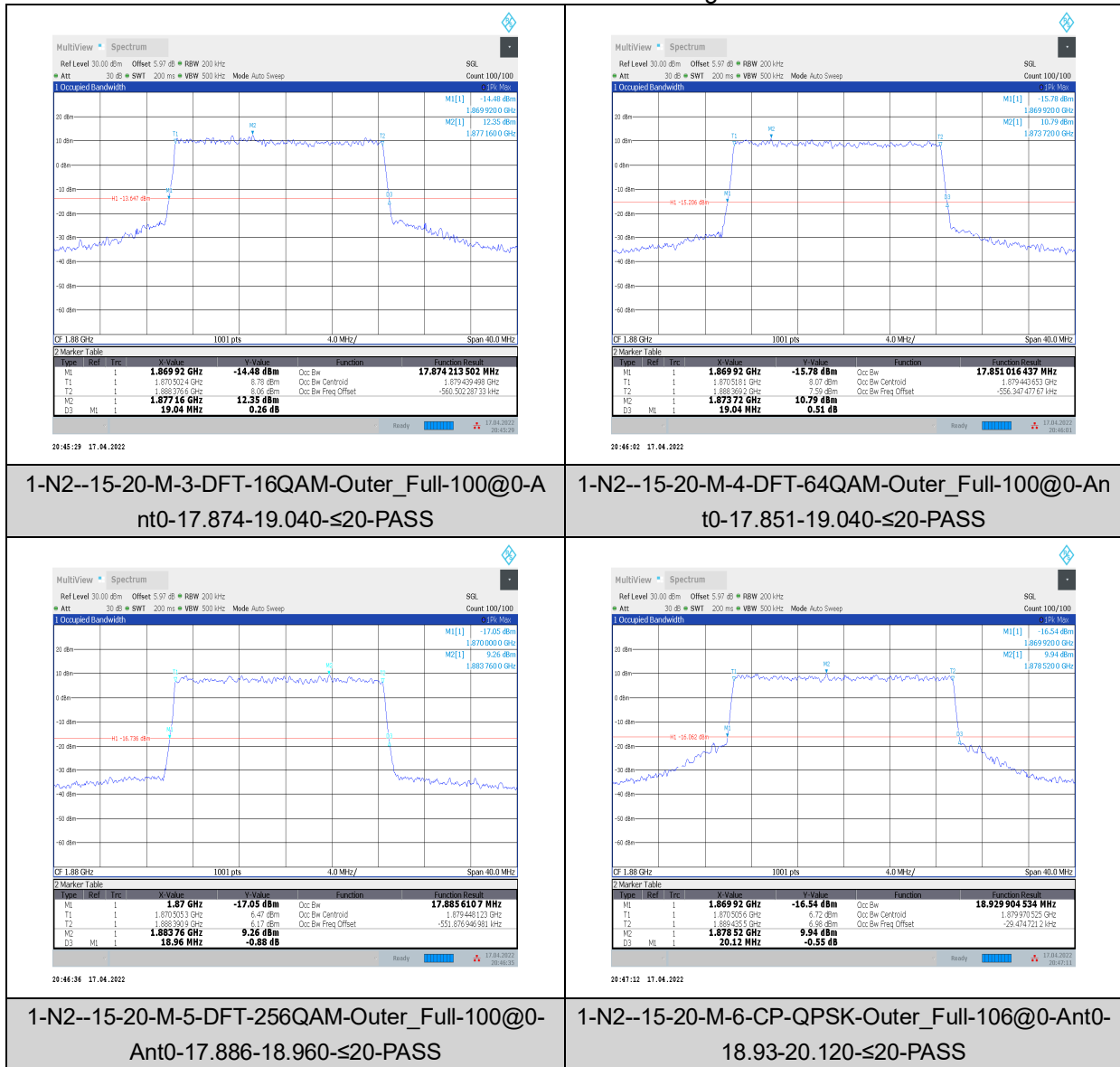
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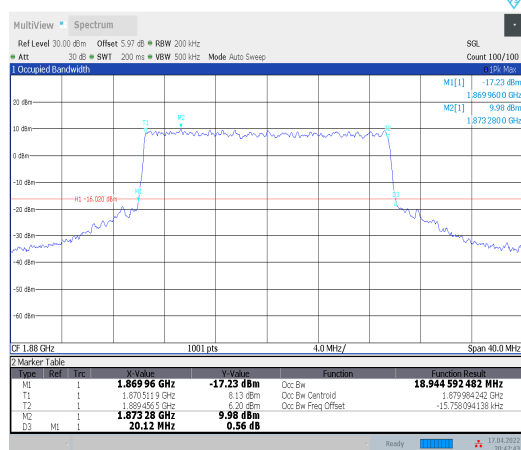
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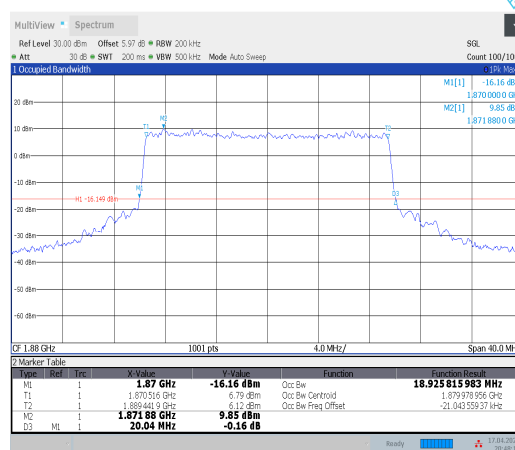
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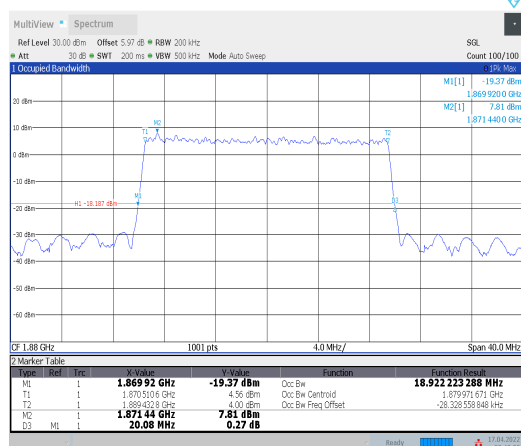
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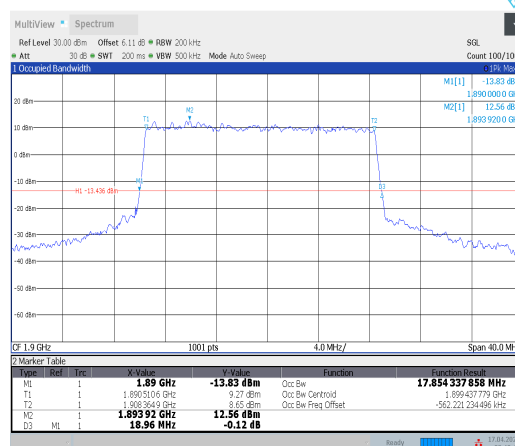
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20:48:51 17.04.2022

1-N2--15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant  
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20:49:46 17.04.2022

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0-17.854-18.960-≤20-PASS



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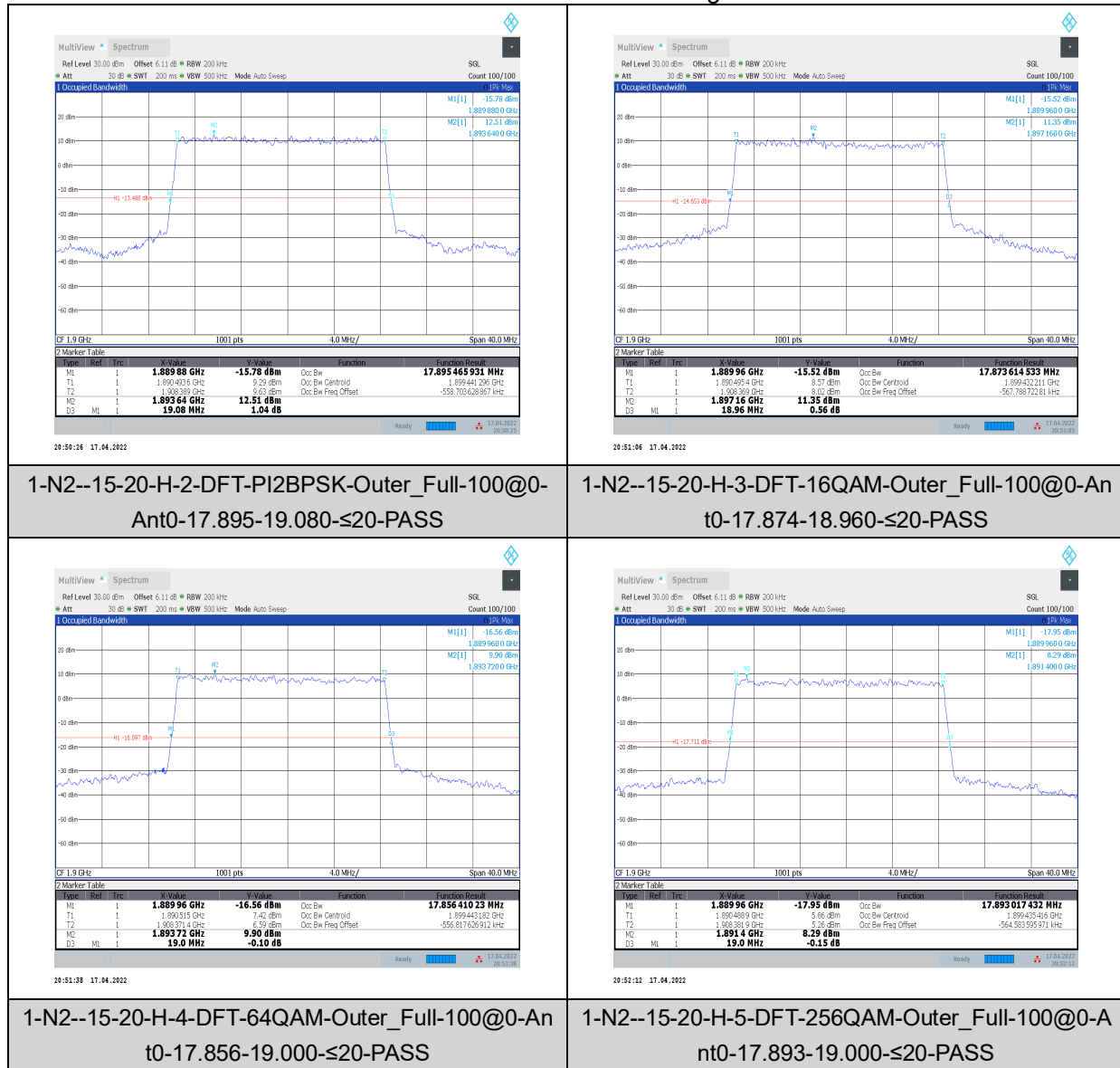
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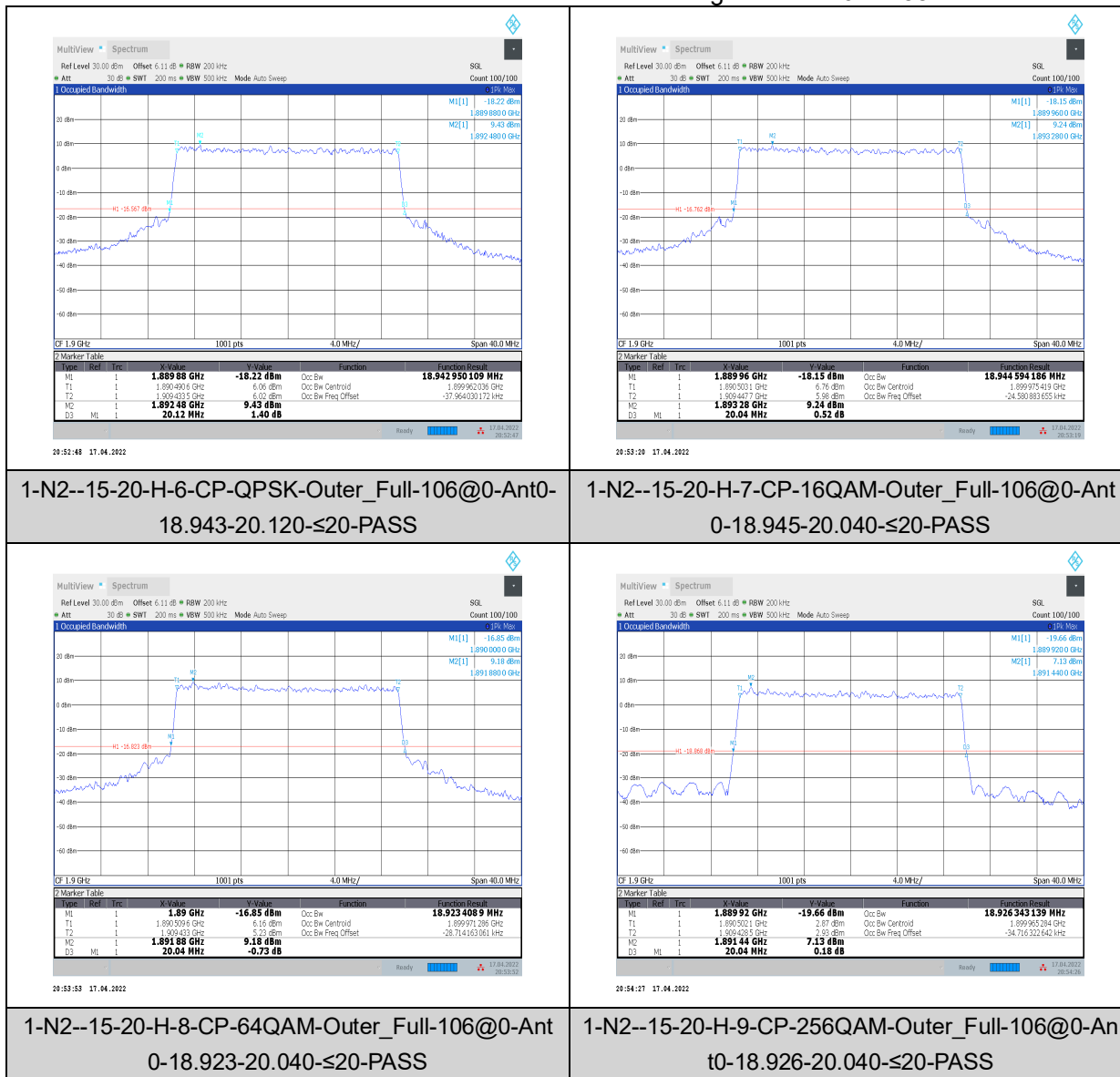
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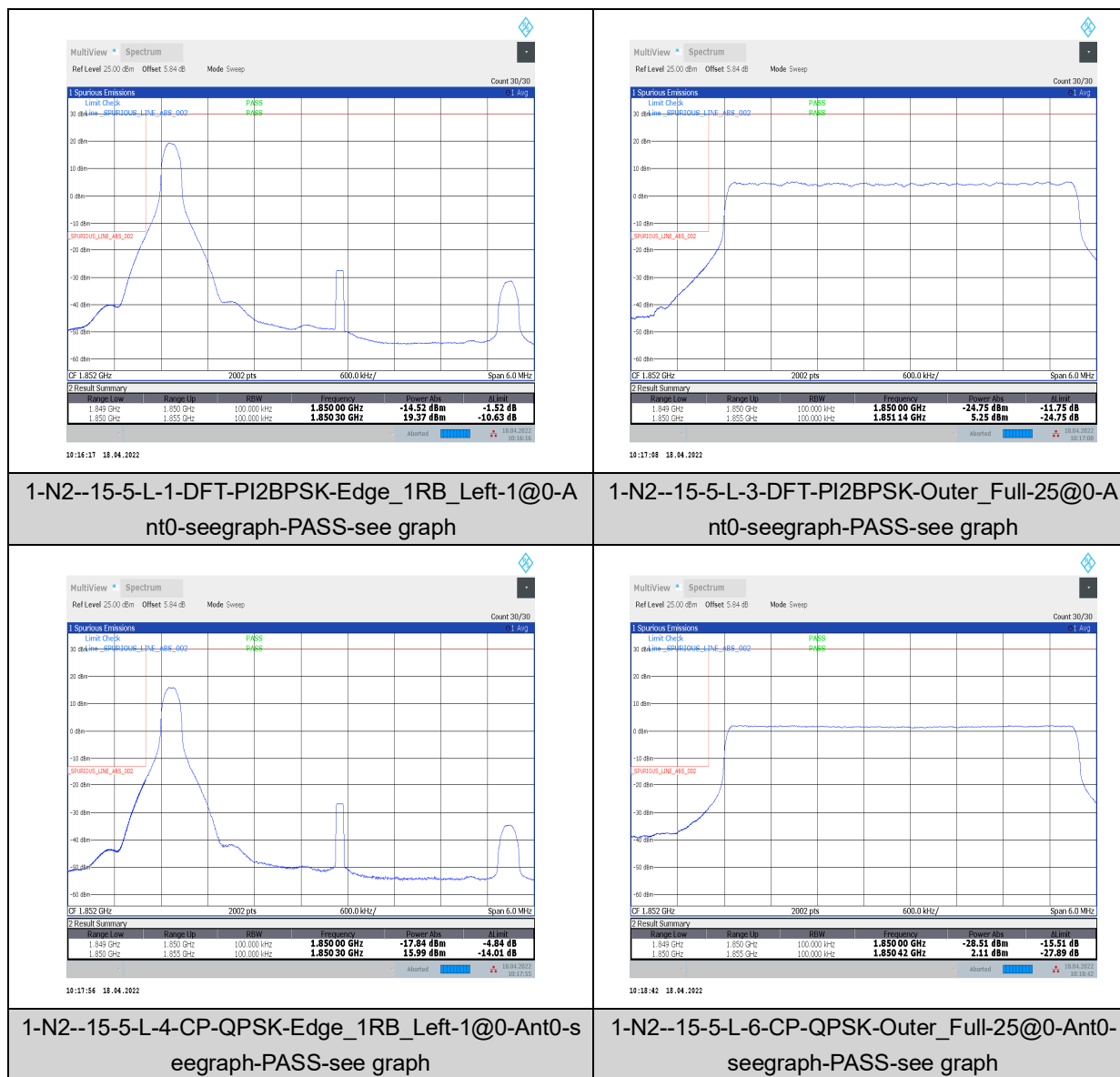
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### Band Edge for SA

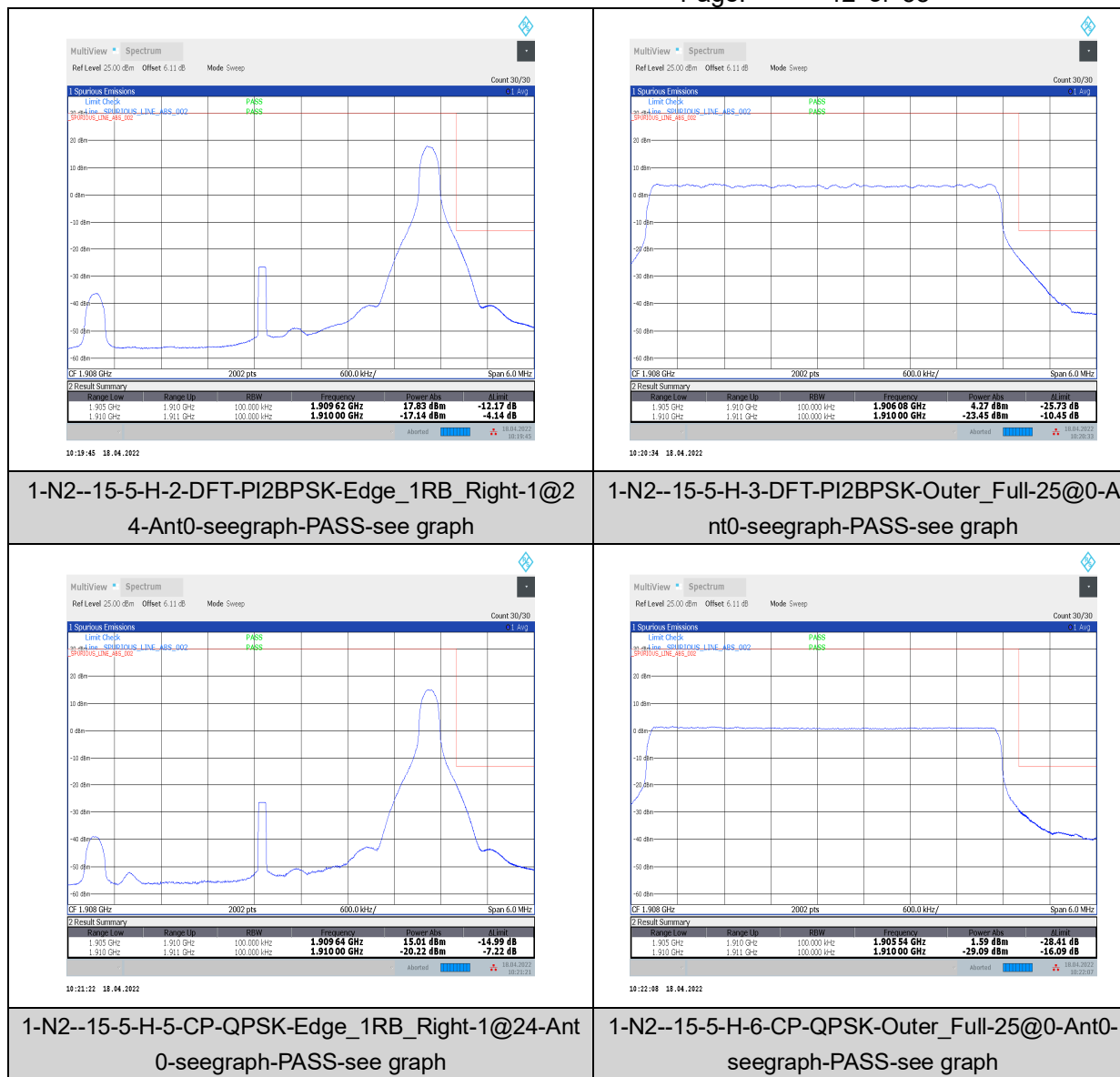
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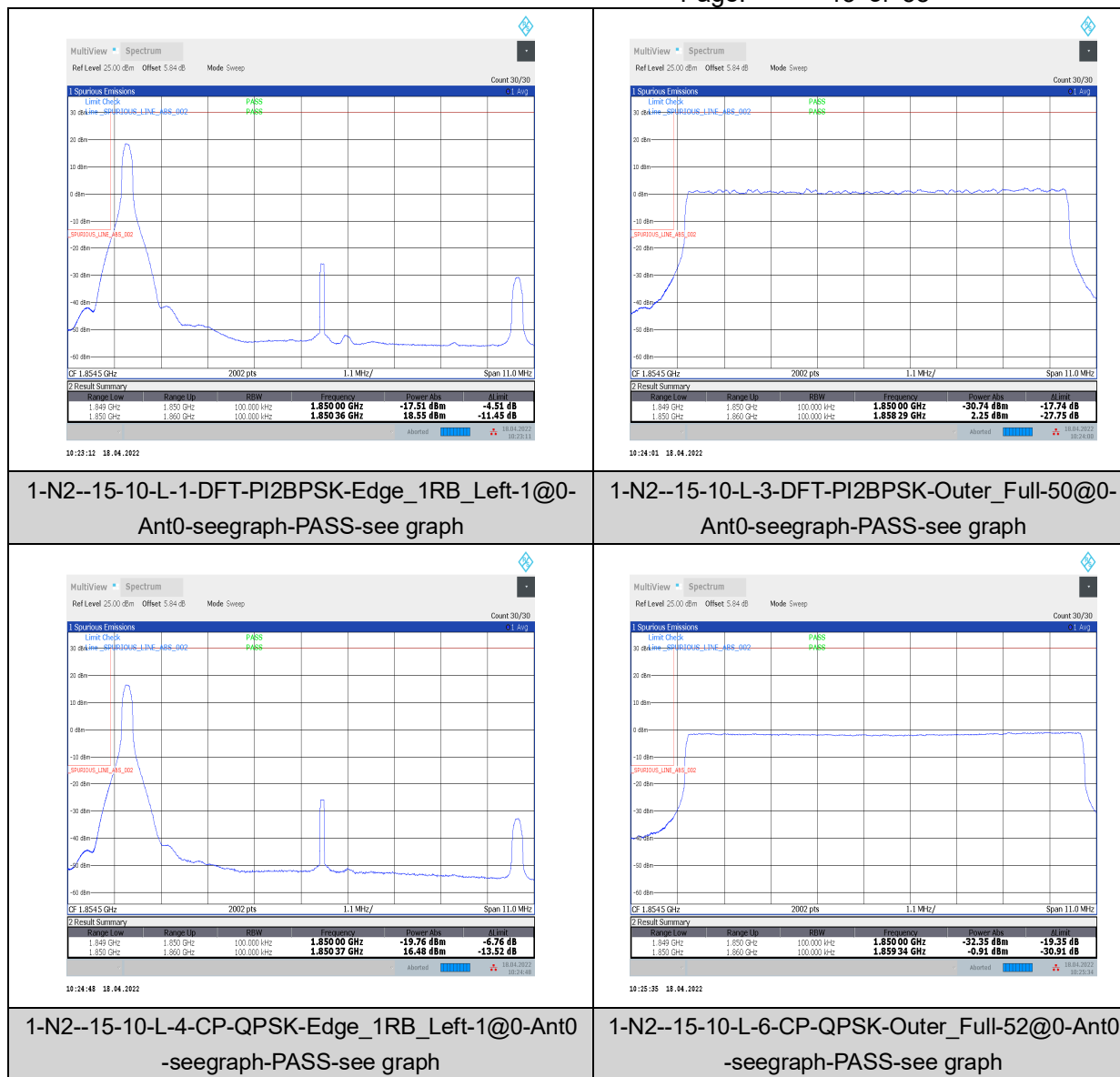
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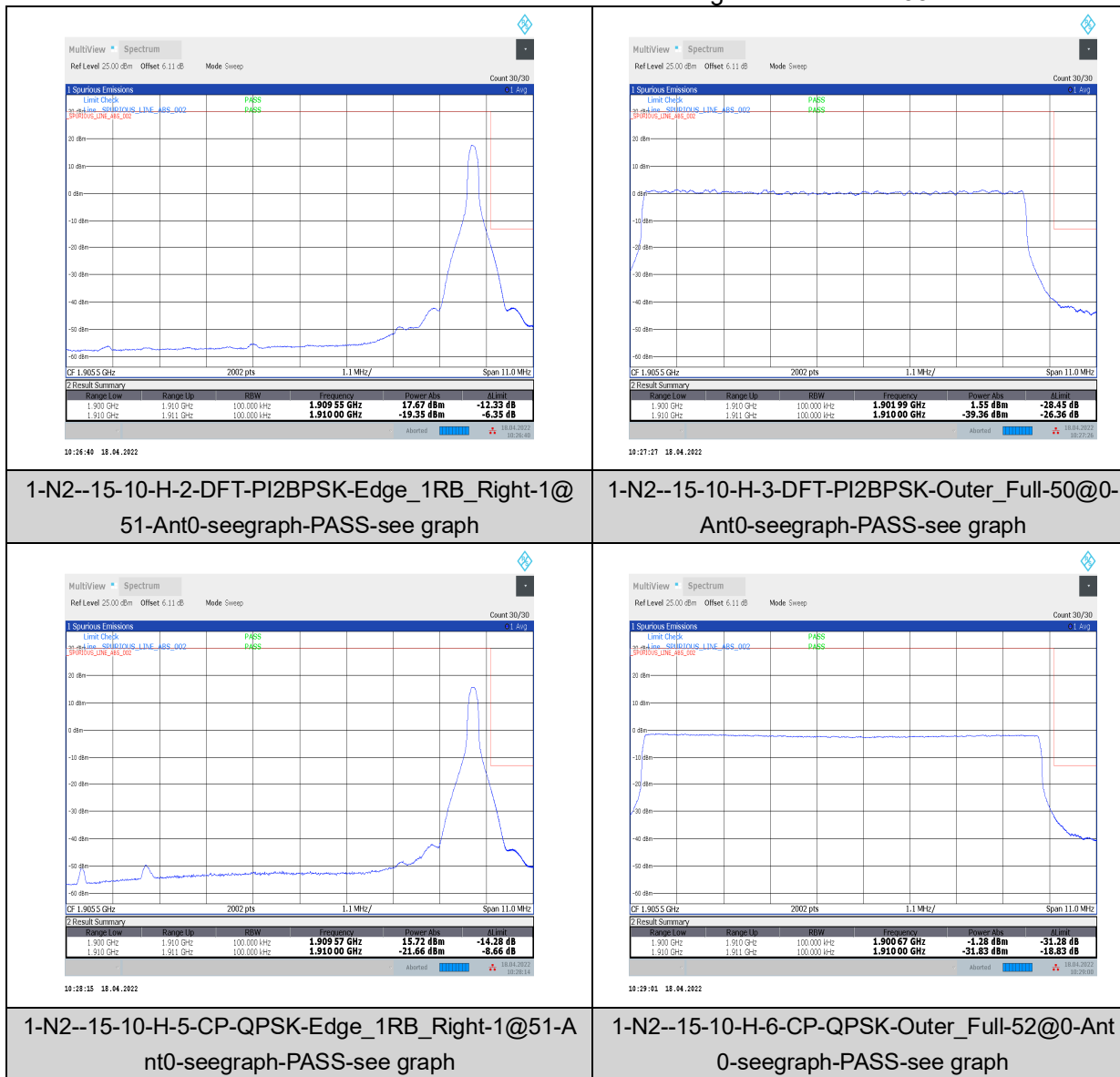
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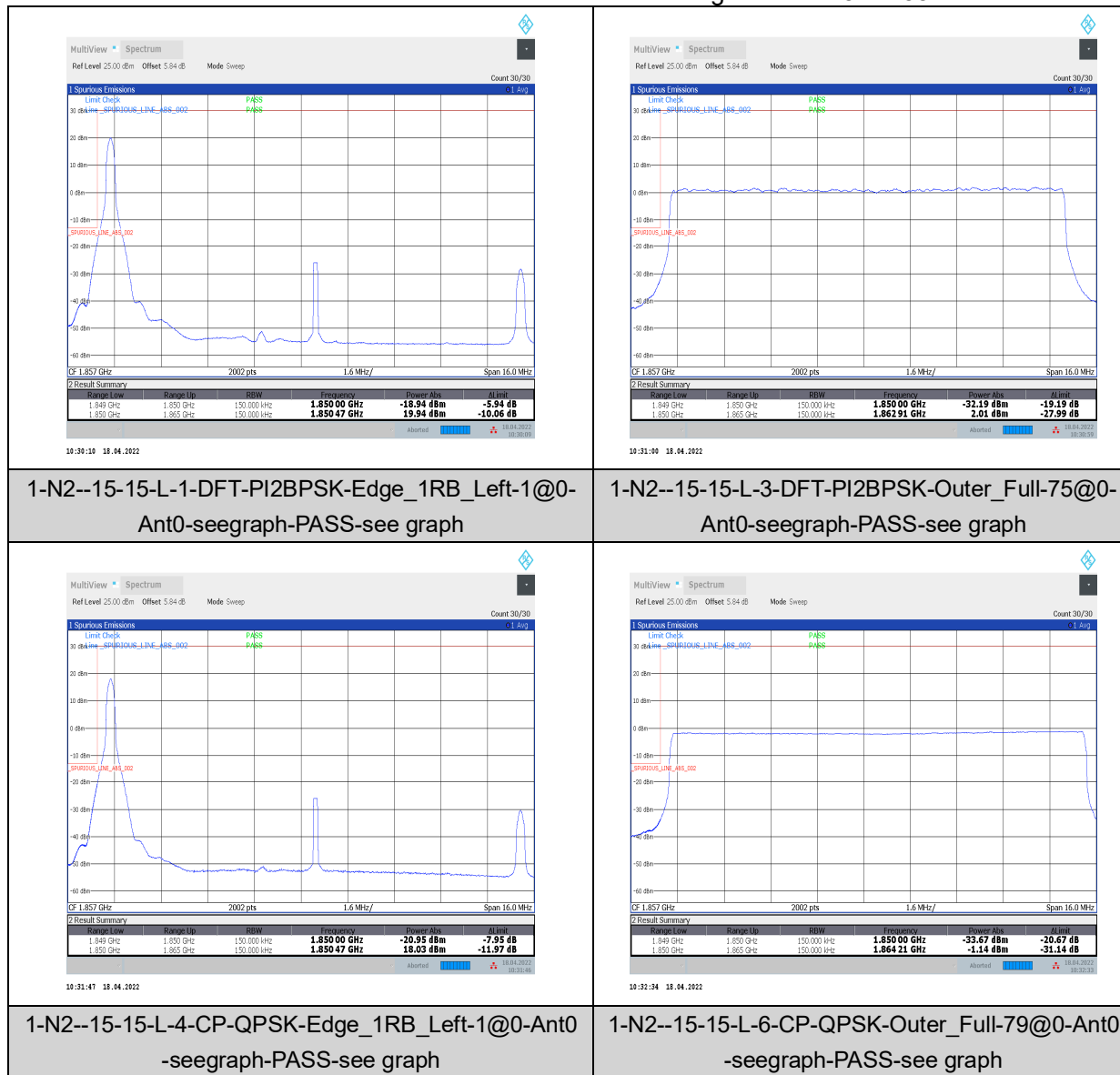
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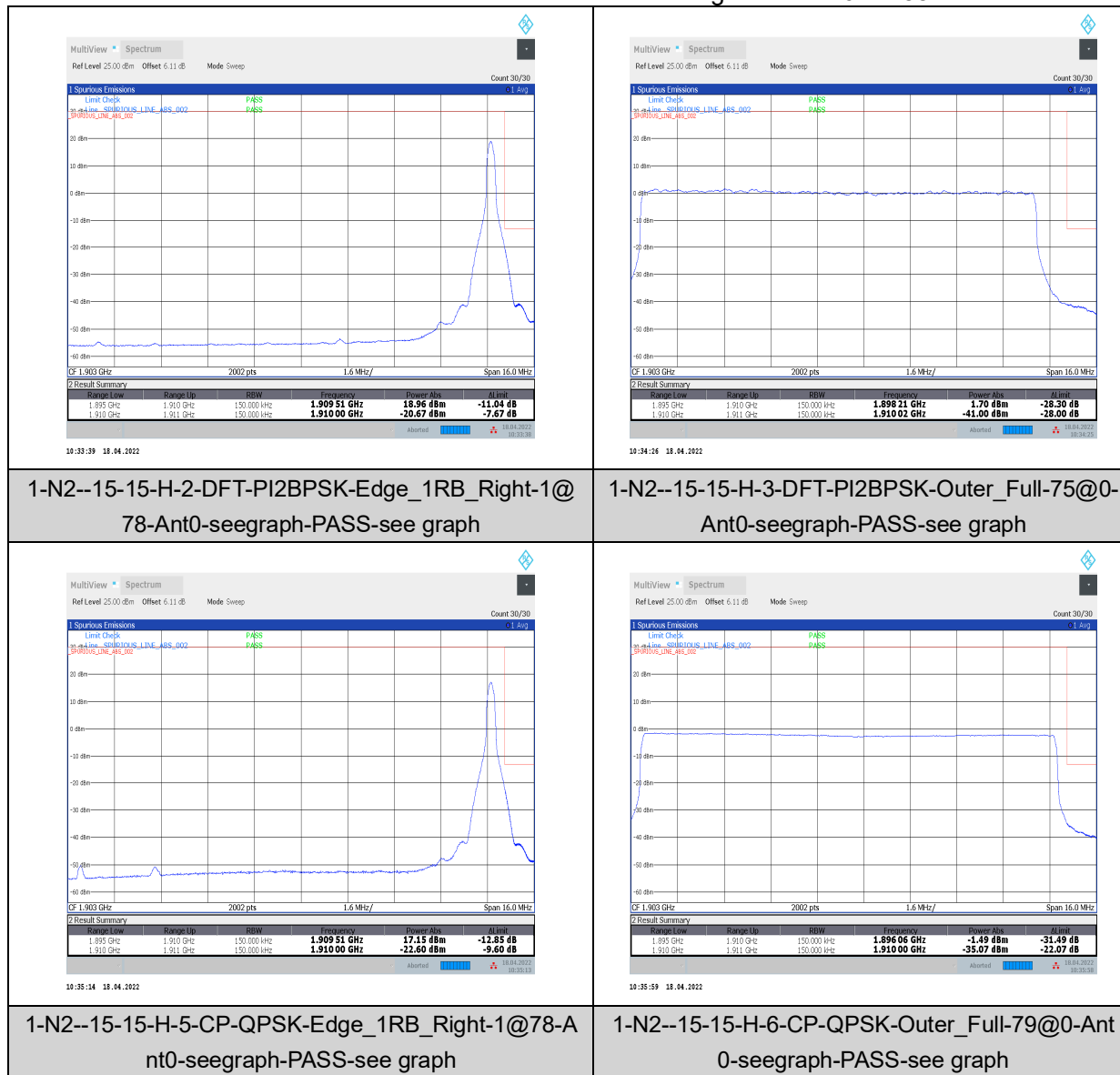
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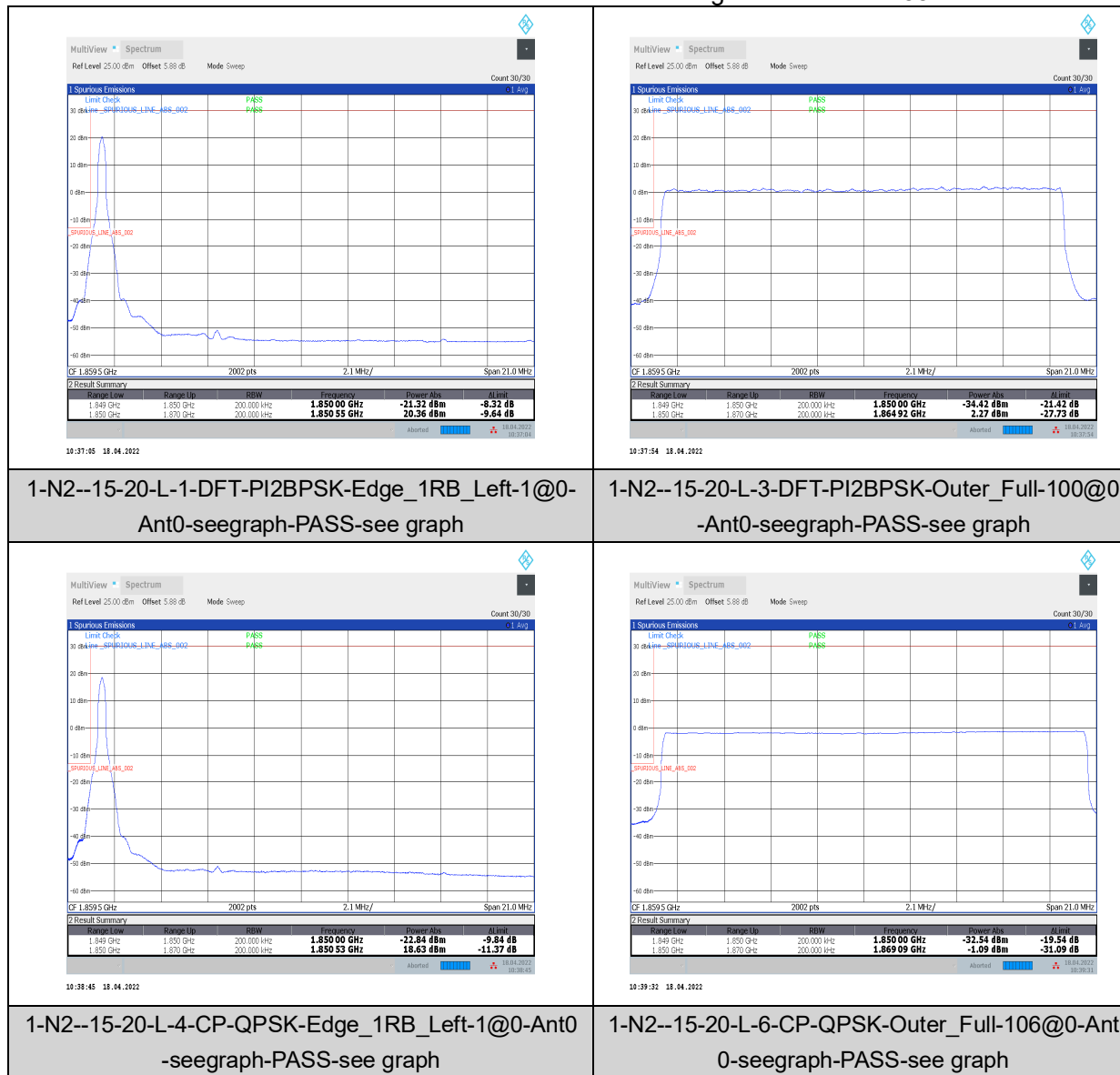
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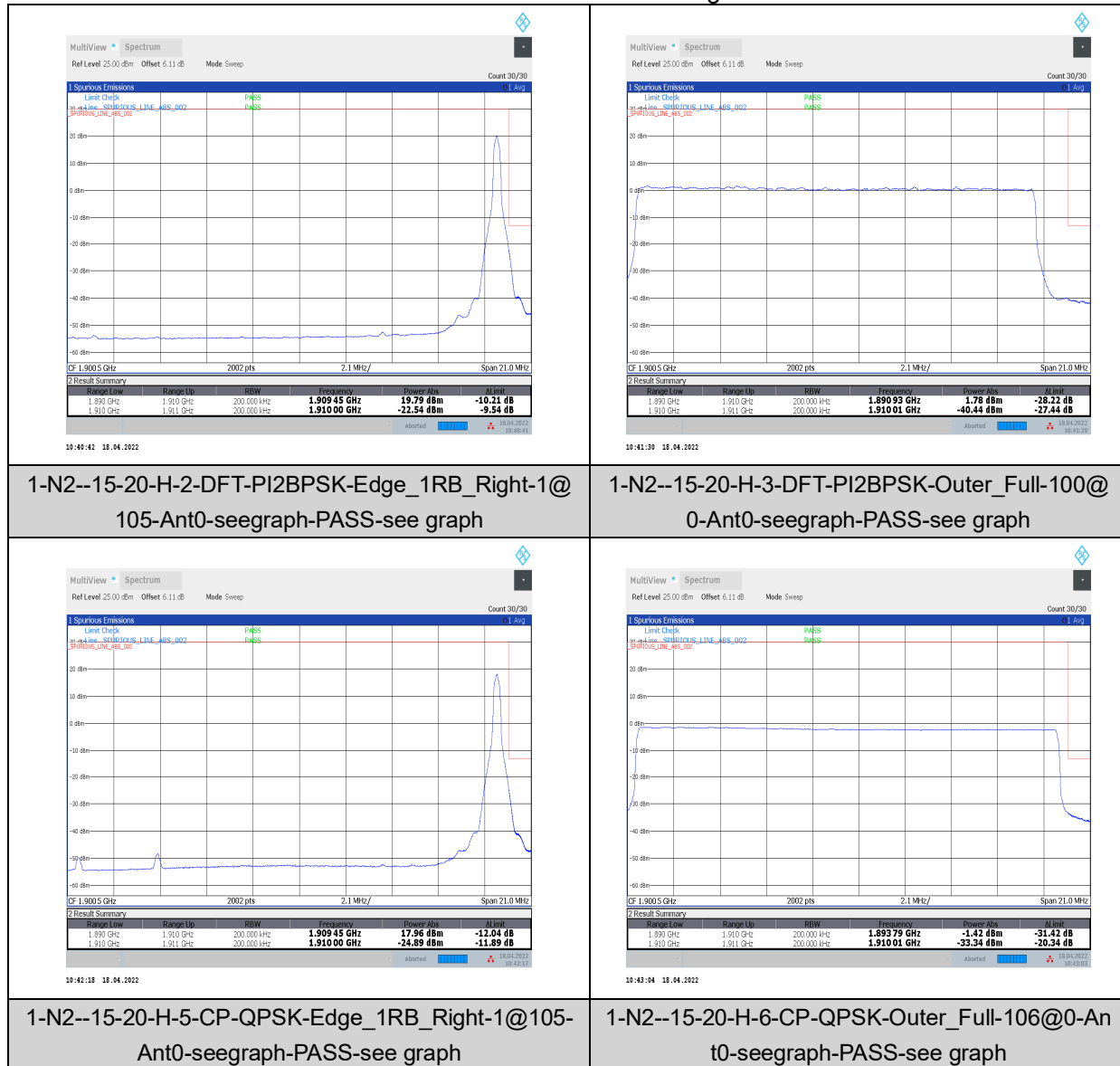
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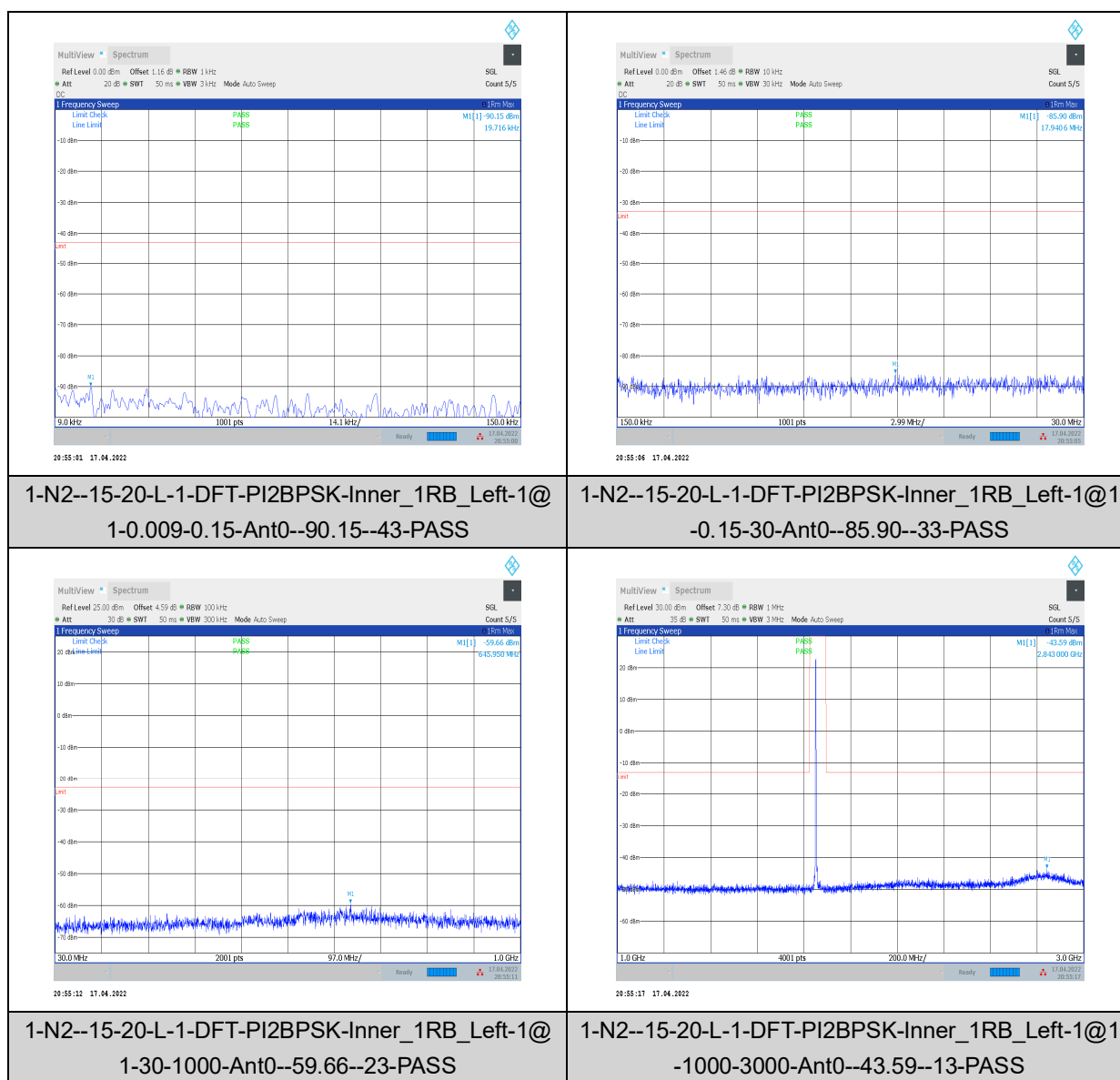
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### Conducted Spurious Emission for SA

#### Test Graphs



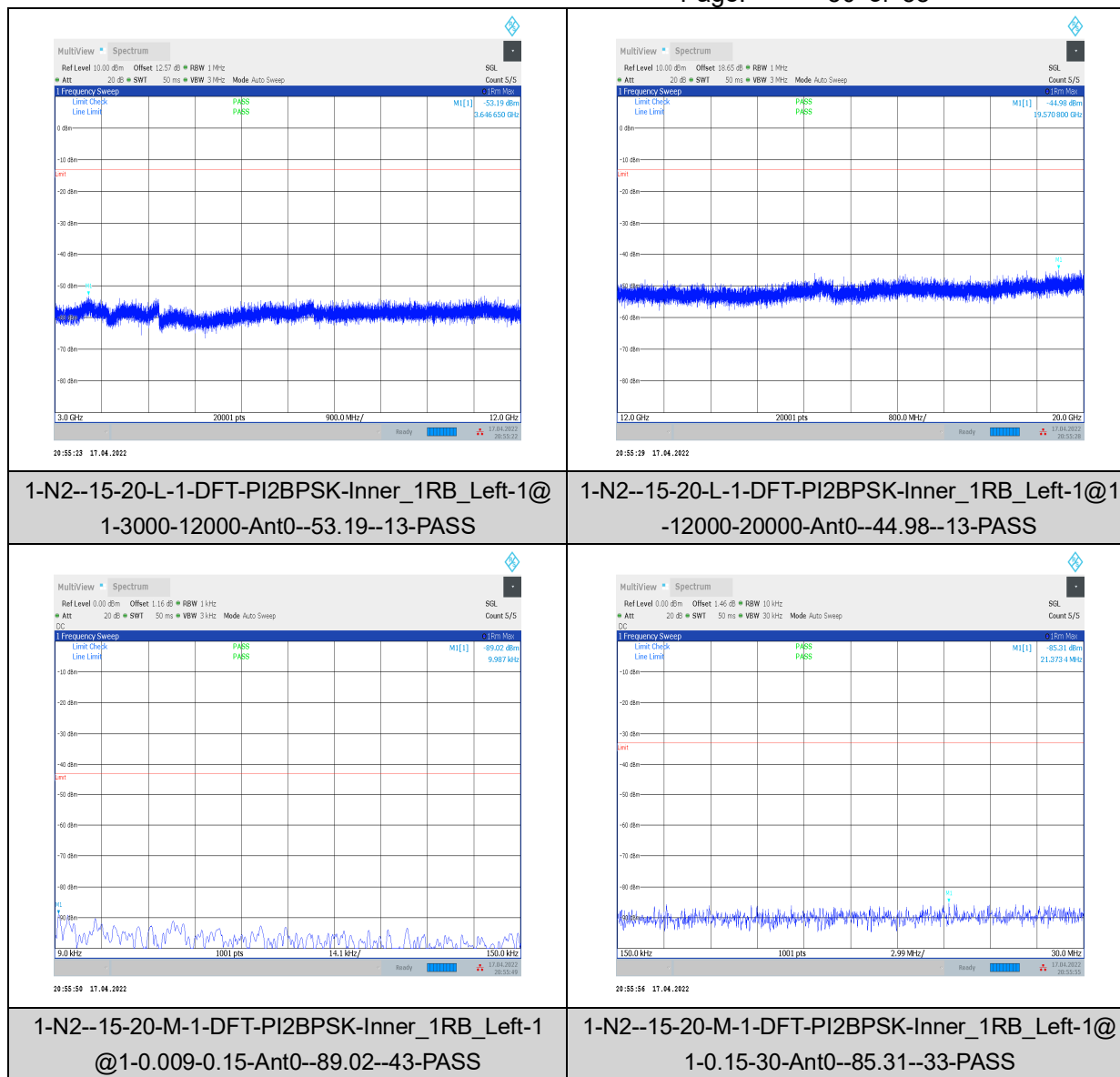
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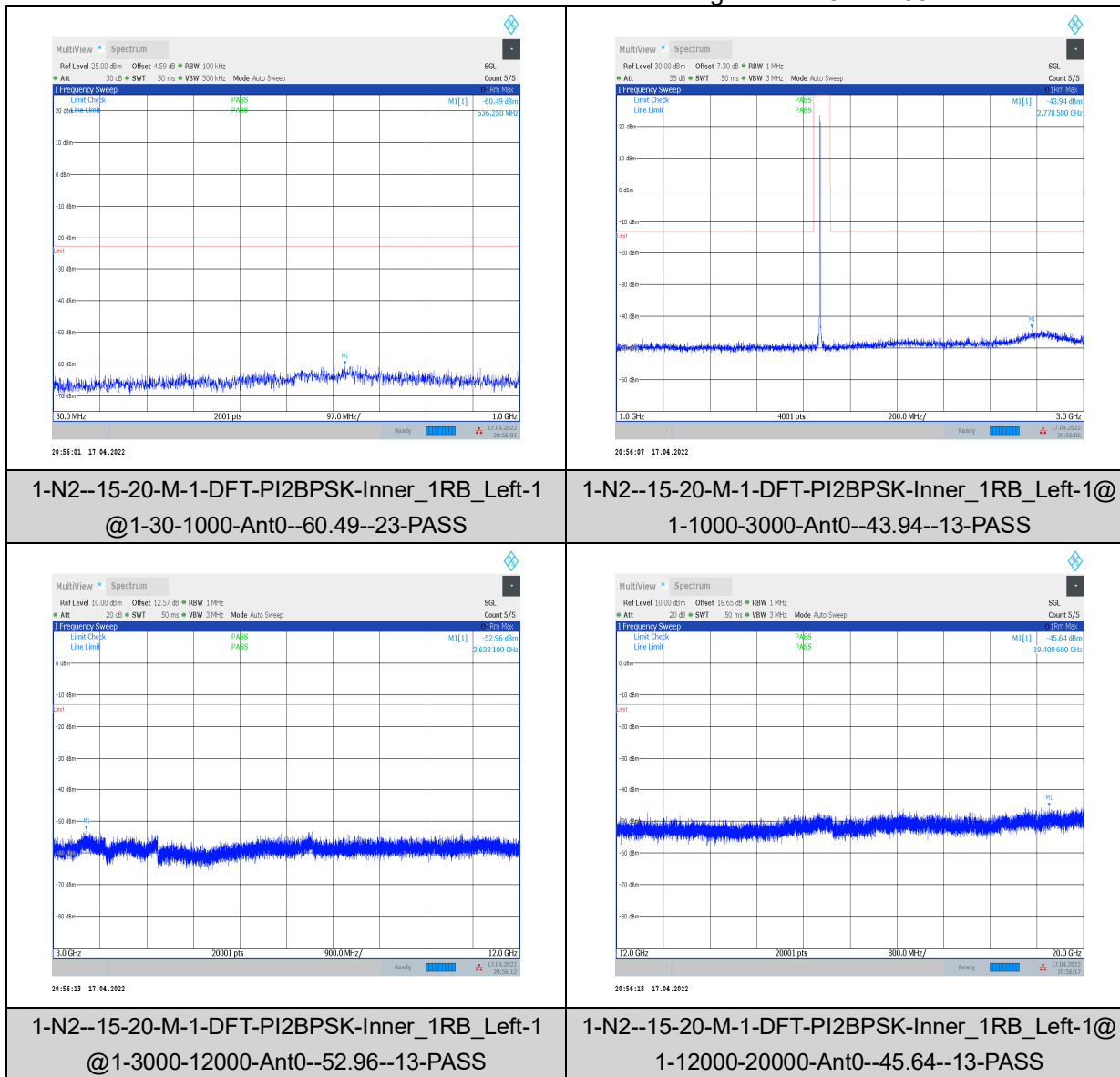
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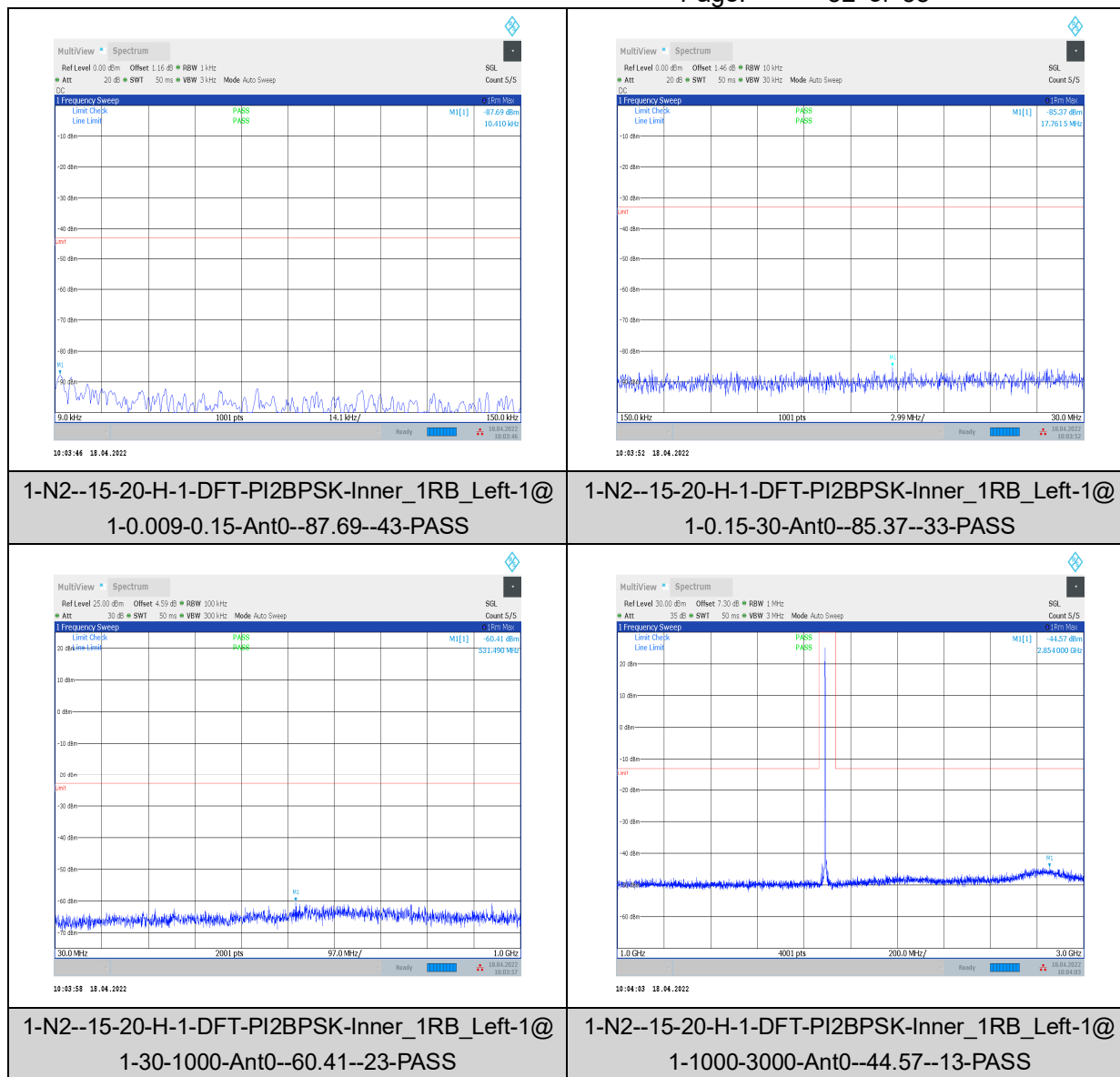
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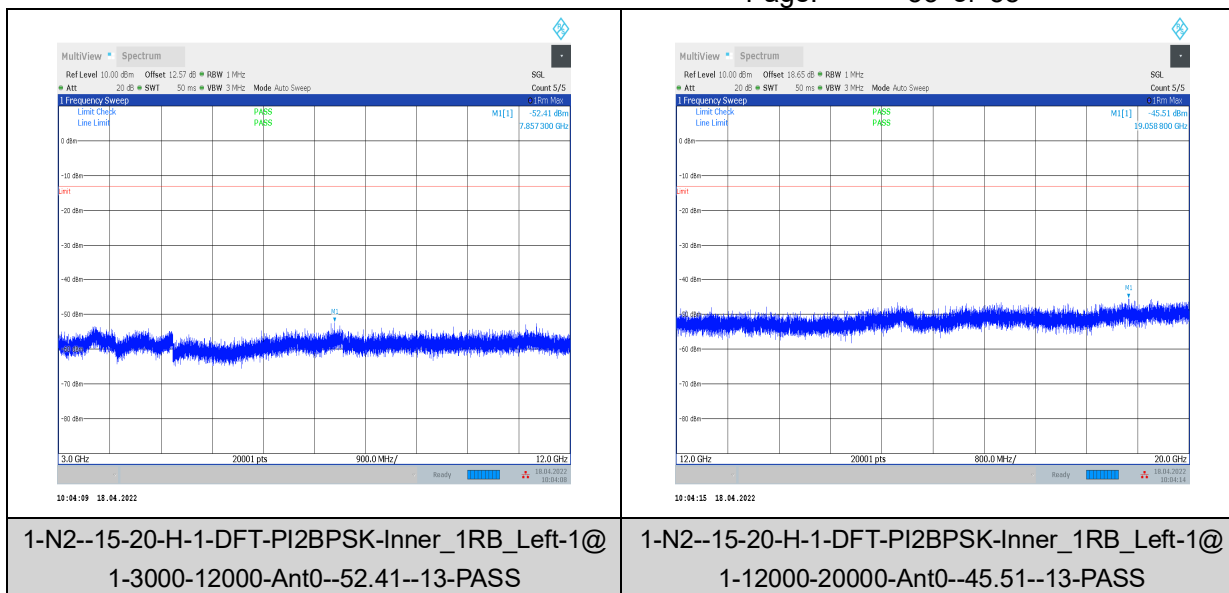
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## Field Strength of Spurious Radiation

Test Band = SA Band 2\_ TM1

Test Channel = Low Channel

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3702.18         | 48.46          | -111.07     | -62.61      | -13.00      | 49.61       | 263         | 296       | Horizontal |
| 2               | 5553.27         | 48.80          | -106.36     | -57.56      | -13.00      | 44.56       | 251         | 148       | Horizontal |
| 3               | 7404.36         | 47.09          | -100.78     | -53.69      | -13.00      | 40.69       | 174         | 343       | Horizontal |
| 4               | 9255.45         | 47.05          | -95.08      | -48.03      | -13.00      | 35.03       | 186         | 3         | Horizontal |
| 5               | 11106.54        | 42.25          | -91.12      | -48.87      | -13.00      | 35.87       | 264         | 360       | Horizontal |
| 6               | 12957.63        | 43.43          | -90.60      | -47.17      | -13.00      | 34.17       | 147         | 360       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3702.18         | 48.03          | -111.07     | -63.04      | -13.00      | 50.04       | 263         | 344       | Vertical |
| 2               | 5553.27         | 50.44          | -106.36     | -55.92      | -13.00      | 42.92       | 251         | 147       | Vertical |
| 3               | 7404.36         | 48.04          | -100.78     | -52.74      | -13.00      | 39.74       | 174         | 163       | Vertical |
| 4               | 9255.45         | 46.90          | -95.08      | -48.18      | -13.00      | 35.18       | 186         | 96        | Vertical |
| 5               | 11106.54        | 41.71          | -91.12      | -49.41      | -13.00      | 36.41       | 264         | 32        | Vertical |
| 6               | 12957.63        | 43.76          | -90.60      | -46.84      | -13.00      | 33.84       | 244         | 263       | Vertical |



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**Test Band = SA Band 2\_ TM1**
**Test Channel = Mid Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3742.18         | 47.66          | -110.86     | -63.20      | -13.00      | 50.20       | 263         | 15        | Horizontal |
| 2               | 5613.27         | 48.54          | -106.14     | -57.60      | -13.00      | 44.60       | 251         | 113       | Horizontal |
| 3               | 7484.36         | 47.52          | -100.43     | -52.91      | -13.00      | 39.91       | 174         | 3         | Horizontal |
| 4               | 9355.45         | 47.52          | -94.96      | -47.44      | -13.00      | 34.44       | 186         | 261       | Horizontal |
| 5               | 11226.54        | 43.27          | -90.95      | -47.68      | -13.00      | 34.68       | 264         | 352       | Horizontal |
| 6               | 13097.63        | 42.74          | -90.07      | -47.33      | -13.00      | 34.33       | 244         | 64        | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3741            | 54.53          | -110.87     | -56.34      | -13.00      | 43.34       | 263         | 198       | Vertical |
| 2               | 5613.27         | 50.34          | -106.14     | -55.80      | -13.00      | 42.80       | 251         | 334       | Vertical |
| 3               | 7482            | 54.07          | -100.44     | -46.37      | -13.00      | 33.37       | 214         | 184       | Vertical |
| 4               | 9355.45         | 46.13          | -94.96      | -48.83      | -13.00      | 35.83       | 186         | 360       | Vertical |
| 5               | 11226.54        | 43.47          | -90.95      | -47.48      | -13.00      | 34.48       | 264         | 51        | Vertical |
| 6               | 13097.63        | 43.65          | -90.07      | -46.42      | -13.00      | 33.42       | 244         | 198       | Vertical |



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**Test Band = SA Band 2\_ TM1**
**Test Channel = High Channel**
**Final Data List**

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| 1   | 3782.18         | 49.85          | -110.66     | -60.81      | -13.00      | 47.81       | 263         | 346       | Horizontal |
| 2   | 5673.27         | 50.23          | -105.88     | -55.65      | -13.00      | 42.65       | 254         | 215       | Horizontal |
| 3   | 7564.36         | 49.32          | -100.01     | -50.69      | -13.00      | 37.69       | 175         | 148       | Horizontal |
| 4   | 9455.45         | 45.04          | -94.86      | -49.82      | -13.00      | 36.82       | 263         | 16        | Horizontal |
| 5   | 11346.54        | 43.01          | -91.44      | -48.43      | -13.00      | 35.43       | 254         | 360       | Horizontal |
| 6   | 13237.63        | 43.12          | -90.49      | -47.37      | -13.00      | 34.37       | 177         | 148       | Horizontal |

**Final Data List**

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| 1   | 3782.18         | 47.60          | -110.66     | -63.06      | -13.00      | 50.06       | 251         | 99        | Vertical |
| 2   | 5673.27         | 49.00          | -105.88     | -56.88      | -13.00      | 43.88       | 174         | 262       | Vertical |
| 3   | 7564.36         | 48.17          | -100.01     | -51.84      | -13.00      | 38.84       | 254         | 116       | Vertical |
| 4   | 9455.45         | 44.18          | -94.86      | -50.68      | -13.00      | 37.68       | 177         | 166       | Vertical |
| 5   | 11346.54        | 42.89          | -91.44      | -48.55      | -13.00      | 35.55       | 198         | 181       | Vertical |
| 6   | 13237.63        | 44.26          | -90.49      | -46.23      | -13.00      | 33.23       | 162         | 262       | Vertical |



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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

| Voltage |     |           |             |         |            |         |             |               |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N2      | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VH      | NT          | 3.100000      | 0.001649        | PASS    |
| N2      | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VN      | NT          | 5.300000      | 0.002819        | PASS    |
| N2      | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VL      | NT          | -0.600000     | -0.000319       | PASS    |
| N2      | 15  | 20        | CP-QPSK     | M       | Outer_Full | VH      | NT          | 5.100000      | 0.002713        | PASS    |
| N2      | 15  | 20        | CP-QPSK     | M       | Outer_Full | VN      | NT          | 4.100000      | 0.002181        | PASS    |
| N2      | 15  | 20        | CP-QPSK     | M       | Outer_Full | VL      | NT          | 2.600000      | 0.001383        | PASS    |



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## Frequency Error VS. Temperature

| Temperature |     |           |             |         |            |         |             |               |                 |         |
|-------------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band        | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | -30         | 3.300000      | 0.001755        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | -20         | 0.700000      | 0.000372        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | -10         | 5.500000      | 0.002926        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 0           | 4.900000      | 0.002606        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 10          | 3.900000      | 0.002074        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 20          | 0.000000      | 0.000000        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 30          | 3.400000      | 0.001809        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 40          | 3.400000      | 0.001809        | PASS    |
| N2          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 50          | 1.700000      | 0.000904        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | -30         | 9.000000      | 0.004787        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | -20         | 4.900000      | 0.002606        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | -10         | 3.200000      | 0.001702        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 0           | 10.600000     | 0.005638        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 10          | 2.600000      | 0.001383        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 20          | 4.700000      | 0.002500        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 30          | 3.300000      | 0.001755        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 40          | 2.400000      | 0.001277        | PASS    |
| N2          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 50          | 4.700000      | 0.002500        | PASS    |

---End of Attachment---



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