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# Appendix B.29

## NR Band n5



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

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|------|-----|-----------|-------------|---------|-----------------|-------------|-----------|-------------|---------|
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Left  | 23.6        | 24.13     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Right | 23.57       | 24.1      | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full      | 23.64       | 24.17     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Left  | 23.58       | 24.11     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Right | 23.54       | 24.07     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Outer_Full      | 23.58       | 24.11     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Left  | 24.05       | 24.58     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Right | 23.65       | 24.18     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Outer_Full      | 22.59       | 23.12     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Left  | 22.22       | 22.75     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Right | 22.12       | 22.65     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Outer_Full      | 22.06       | 22.59     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Left  | 19.9        | 20.43     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Right | 19.77       | 20.3      | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Outer_Full      | 20.01       | 20.54     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Left  | 23.59       | 24.12     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Right | 23.74       | 24.27     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full      | 23.68       | 24.21     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Left  | 23.62       | 24.15     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Right | 23.77       | 24.3      | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Outer_Full      | 23.64       | 24.17     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Left  | 24.02       | 24.55     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Right | 24.17       | 24.7      | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Outer_Full      | 22.64       | 23.17     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Left  | 21.95       | 22.48     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Right | 22.1        | 22.63     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | M       | Outer_Full      | 22.26       | 22.79     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | M       | Inner_1RB_Left  | 19.82       | 20.35     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | M       | Inner_1RB_Right | 20.03       | 20.56     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | M       | Outer_Full      | 20.17       | 20.7      | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | H       | Inner_1RB_Left  | 23.63       | 24.16     | 38.45       | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | H       | Inner_1RB_Right | 23.51       | 24.04     | 38.45       | PASS    |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 5  | DFT-PI2BPSK | H | Outer_Full      | 23.58 | 24.11 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Left  | 23.62 | 24.15 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Right | 23.54 | 24.07 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-QPSK    | H | Outer_Full      | 23.57 | 24.1  | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Left  | 24.03 | 24.56 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Right | 23.96 | 24.49 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Outer_Full      | 22.6  | 23.13 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Left  | 22.02 | 22.55 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Right | 21.91 | 22.44 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Outer_Full      | 22.16 | 22.69 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Left  | 19.92 | 20.45 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Right | 19.78 | 20.31 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Outer_Full      | 20.01 | 20.54 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.38 | 23.91 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.46 | 23.99 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full      | 23.51 | 24.04 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Left  | 23.43 | 23.96 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Right | 23.49 | 24.02 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Outer_Full      | 23.51 | 24.04 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Left  | 23.85 | 24.38 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Right | 23.9  | 24.43 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Outer_Full      | 22.4  | 22.93 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Left  | 21.77 | 22.3  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Right | 21.84 | 22.37 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Outer_Full      | 22.01 | 22.54 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Left  | 19.75 | 20.28 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Right | 19.74 | 20.27 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Outer_Full      | 19.97 | 20.5  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.36 | 23.89 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.61 | 24.14 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full      | 23.68 | 24.21 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Left  | 23.35 | 23.88 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Right | 23.69 | 24.22 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Outer_Full      | 23.65 | 24.18 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Left  | 23.81 | 24.34 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Right | 24.05 | 24.58 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Outer_Full      | 22.58 | 23.11 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Left  | 21.74 | 22.27 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Right | 22.01 | 22.54 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Outer_Full      | 22.18 | 22.71 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Left  | 19.65 | 20.18 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Right | 19.89 | 20.42 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Outer_Full      | 20.12 | 20.65 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.67 | 24.2  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.43 | 23.96 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full      | 23.67 | 24.2  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 23.69 | 24.22 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 23.5  | 24.03 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Outer_Full      | 23.65 | 24.18 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 24.06 | 24.59 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 23.94 | 24.47 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Outer_Full      | 22.63 | 23.16 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 21.99 | 22.52 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 21.84 | 22.37 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Outer_Full      | 22.21 | 22.74 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 19.89 | 20.42 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 19.73 | 20.26 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Outer_Full      | 20.2  | 20.73 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.58 | 24.11 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.85 | 24.38 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full      | 23.74 | 24.27 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 23.59 | 24.12 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 23.88 | 24.41 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Outer_Full      | 23.76 | 24.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 24.02 | 24.55 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 24.27 | 24.8  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Outer_Full      | 22.76 | 23.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 21.96 | 22.49 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 22.21 | 22.74 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Outer_Full      | 22.32 | 22.85 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 19.99 | 20.52 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 20.17 | 20.7  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Outer_Full      | 20.21 | 20.74 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.52 | 24.05 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.71 | 24.24 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full      | 23.9  | 24.43 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 23.57 | 24.1  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 23.76 | 24.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Outer_Full      | 23.82 | 24.35 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 23.9  | 24.43 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 24.15 | 24.68 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Outer_Full      | 22.77 | 23.3  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 21.86 | 22.39 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 22.13 | 22.66 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Outer_Full      | 22.33 | 22.86 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Left  | 19.83 | 20.36 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Right | 20.07 | 20.6  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Outer_Full      | 20.26 | 20.79 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.71 | 24.24 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.51 | 24.04 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full      | 23.89 | 24.42 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Left  | 23.76 | 24.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Right | 23.57 | 24.1  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Outer_Full      | 23.85 | 24.38 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Left  | 24.08 | 24.61 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Right | 23.99 | 24.52 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Outer_Full      | 22.87 | 23.4  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Left  | 22.02 | 22.55 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Right | 21.92 | 22.45 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Outer_Full      | 22.43 | 22.96 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Left  | 20.01 | 20.54 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Right | 19.81 | 20.34 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Outer_Full      | 20.31 | 20.84 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.61 | 24.14 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.71 | 24.24 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full      | 23.74 | 24.27 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 23.56 | 24.09 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 23.7  | 24.23 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Outer_Full      | 23.76 | 24.29 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 24.04 | 24.57 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 24.11 | 24.64 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Outer_Full      | 22.77 | 23.3  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 21.98 | 22.51 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 22.05 | 22.58 | 38.45 | PASS |



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|    |    |    |             |   |                 |       |       |       |      |
|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 20 | DFT-64QAM   | L | Outer_Full      | 22.31 | 22.84 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 19.97 | 20.5  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 20.14 | 20.67 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Outer_Full      | 20.28 | 20.81 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.51 | 24.04 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.57 | 24.1  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full      | 23.74 | 24.27 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 23.48 | 24.01 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 23.62 | 24.15 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Outer_Full      | 23.74 | 24.27 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 23.88 | 24.41 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 24    | 24.53 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Outer_Full      | 22.74 | 23.27 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 21.9  | 22.43 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 21.96 | 22.49 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Outer_Full      | 22.27 | 22.8  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 19.82 | 20.35 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 19.99 | 20.52 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Outer_Full      | 20.24 | 20.77 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.53 | 24.06 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.52 | 24.05 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full      | 23.86 | 24.39 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 23.55 | 24.08 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 23.54 | 24.07 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Outer_Full      | 23.83 | 24.36 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 24.03 | 24.56 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 23.98 | 24.51 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Outer_Full      | 22.86 | 23.39 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 21.86 | 22.39 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 21.91 | 22.44 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Outer_Full      | 22.43 | 22.96 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 19.84 | 20.37 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 19.95 | 20.48 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Outer_Full      | 20.37 | 20.9  | 38.45 | PASS |



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## Peak-to-Average Ratio for SA

### Peak-to-Average Ratio(PAPR)

#### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config  | DutyCycle | Factor | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N5   | 15  | 20        | DFT-256QAM | L       | Outer_Full | 100%      | 0.00   | 8.75   | ≤13   | PASS    |
| N5   | 15  | 20        | CP-256QAM  | L       | Outer_Full | 100%      | 0.00   | 9.78   | ≤13   | PASS    |
| N5   | 15  | 20        | DFT-256QAM | M       | Outer_Full | 100%      | 0.00   | 9.86   | ≤13   | PASS    |
| N5   | 15  | 20        | CP-256QAM  | M       | Outer_Full | 100%      | 0.00   | 9.46   | ≤13   | PASS    |
| N5   | 15  | 20        | DFT-256QAM | H       | Outer_Full | 100%      | 0.00   | 8.72   | ≤13   | PASS    |
| N5   | 15  | 20        | CP-256QAM  | H       | Outer_Full | 100%      | 0.00   | 9.62   | ≤13   | PASS    |



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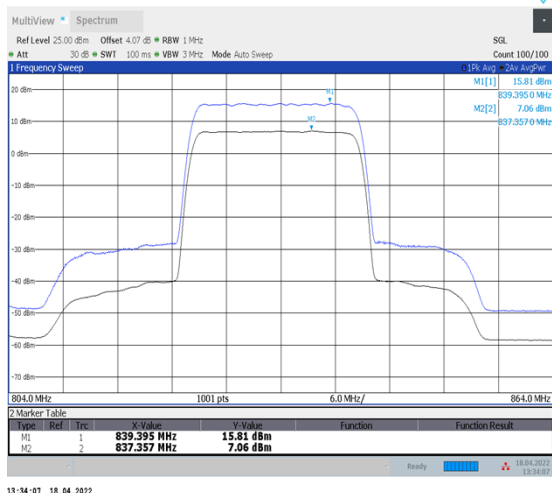
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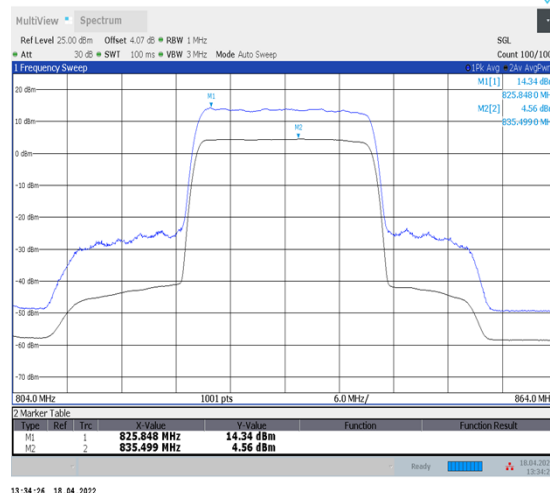
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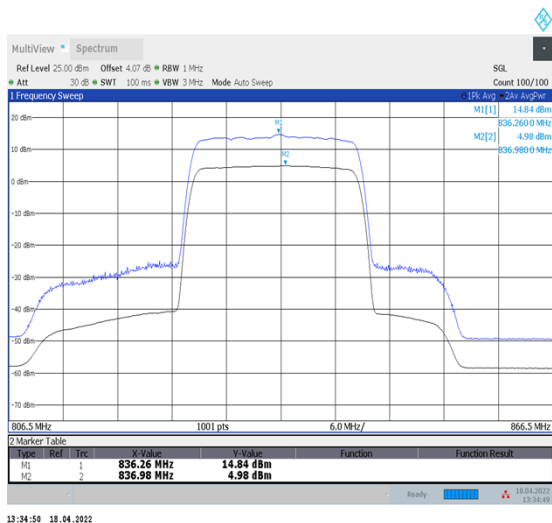
### Test Graphs



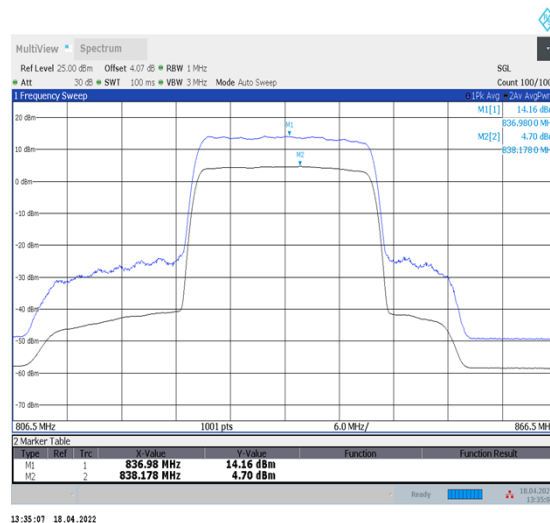
1-N5--15-20-L-1-DFT-256QAM-Outer\_Full-100@0-  
Ant1-8.75-100%-0.00-8.75-PASS-≤13



1-N5--15-20-L-2-CP-256QAM-Outer\_Full-106@0-  
Ant1-9.78-100%-0.00-9.78-PASS-≤13



1-N5--15-20-M-1-DFT-256QAM-Outer\_Full-100@0-  
Ant1-9.86-100%-0.00-9.86-PASS-≤13



1-N5--15-20-M-2-CP-256QAM-Outer\_Full-106@0-  
Ant1-9.46-100%-0.00-9.46-PASS-≤13



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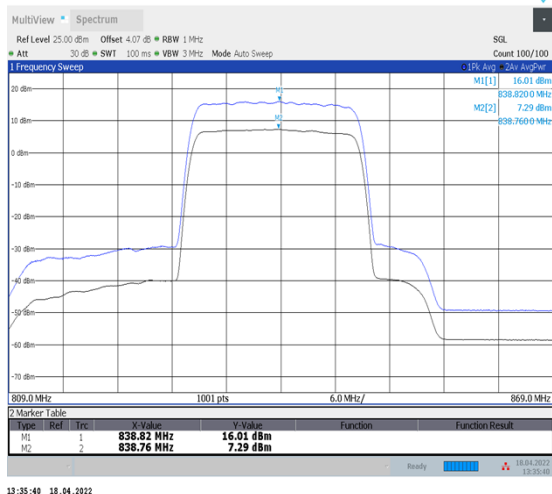
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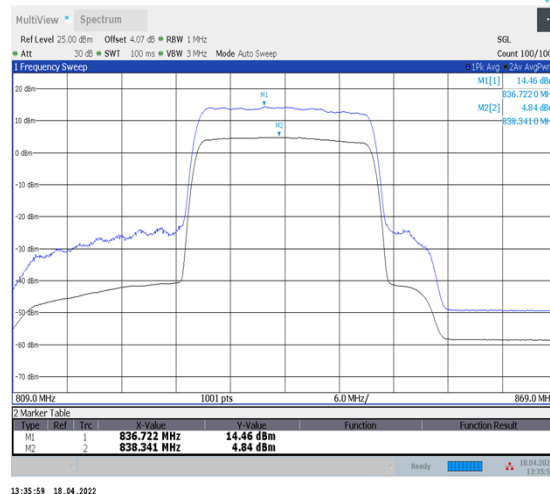
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1-N5--15-20-H-1-DFT-256QAM-Outer\_Full-100@0-  
Ant1-8.72-100%-0.00-8.72-PASS≤13



1-N5--15-20-H-2-CP-256QAM-Outer\_Full-106@0-  
Ant1-9.62-100%-0.00-9.62-PASS≤13



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## Modulation characteristics for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result    | Verdict |
|------|-----|-----------|-------------|---------|------------|-----------|---------|
| N5   | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | DFT-QPSK    | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | DFT-16QAM   | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | DFT-64QAM   | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | DFT-256QAM  | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | CP-QPSK     | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | CP-16QAM    | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | CP-64QAM    | M       | Outer_Full | see graph | PASS    |
| N5   | 15  | 20        | CP-256QAM   | M       | Outer_Full | see graph | PASS    |



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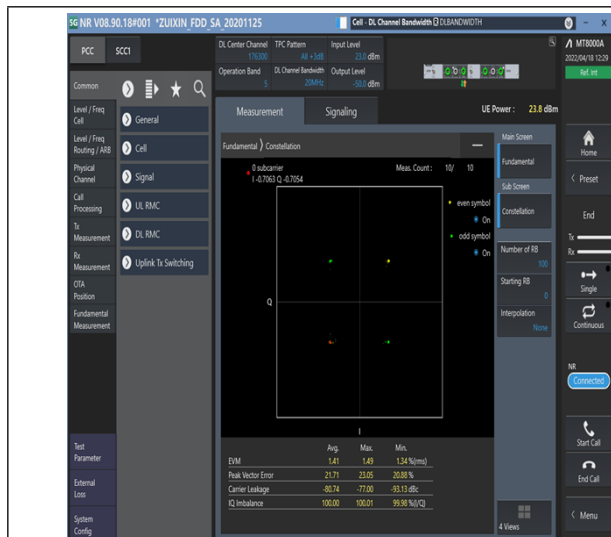
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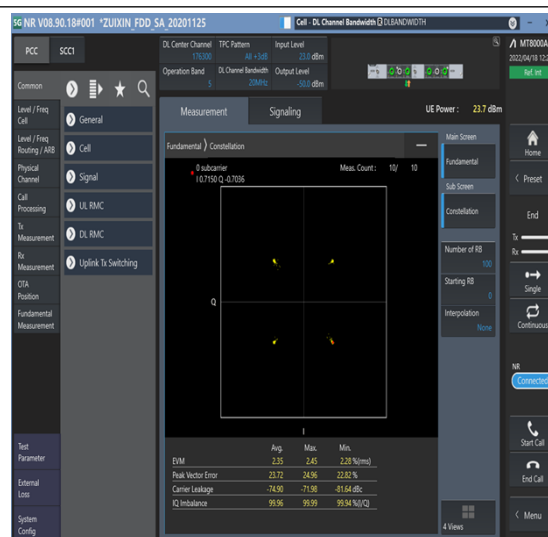
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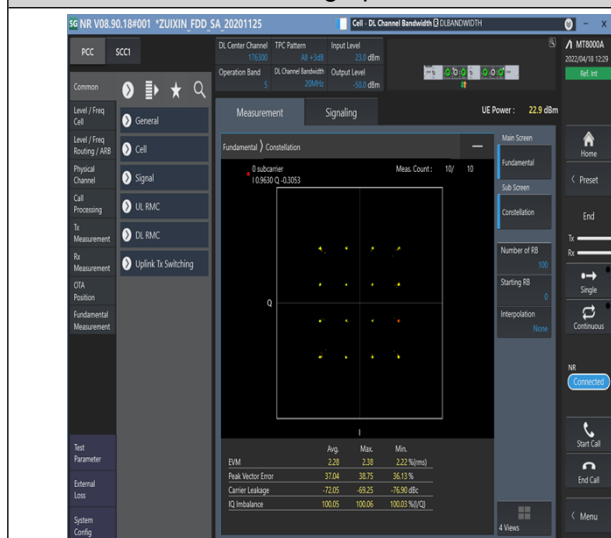
## Test Graphs



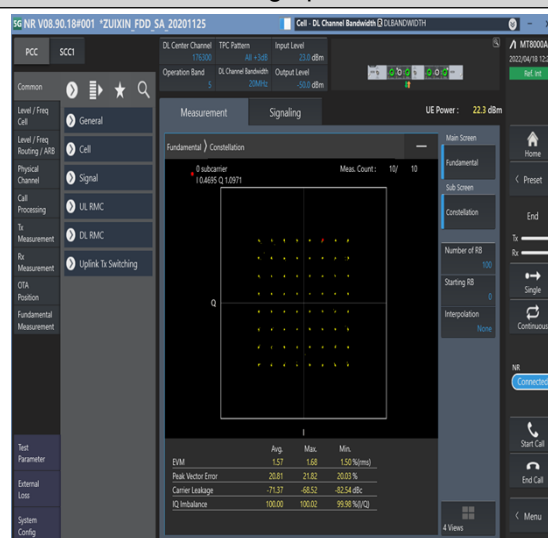
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 Ant1-see graph-PASS



1-N5--15-20-M-2-DFT-QPSK-Outer\_Full-100@0-  
 Ant1-see graph-PASS



1-N5--15-20-M-3-DFT-16QAM-Outer\_Full-100@0-  
 Ant1-see graph-PASS



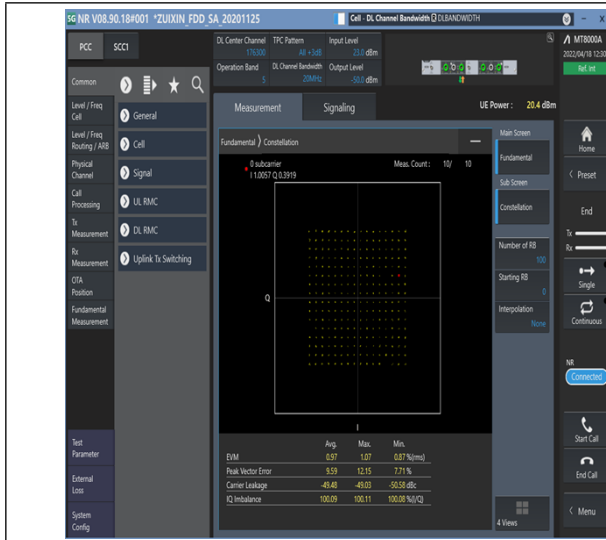
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 Ant1-see graph-PASS



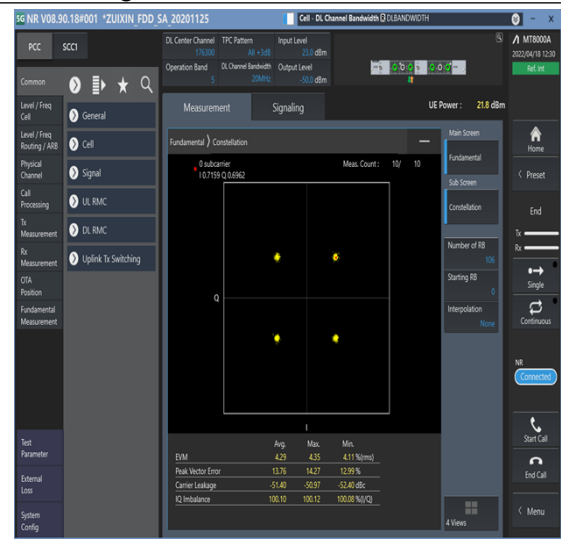
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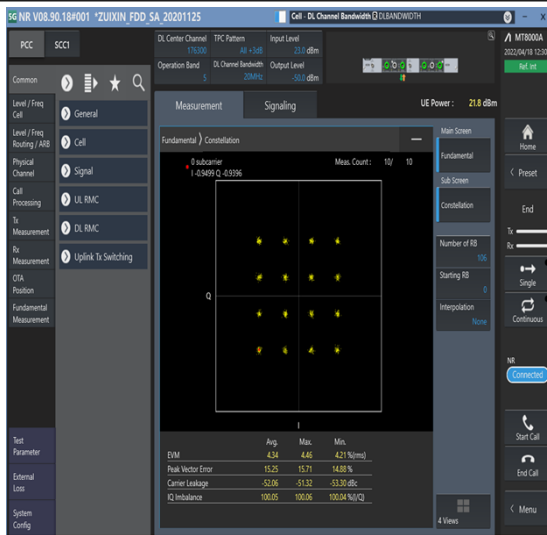
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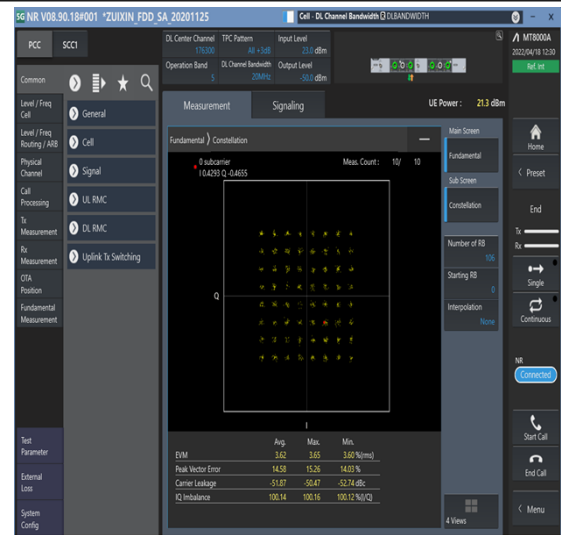
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1-N5--15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N5--15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS

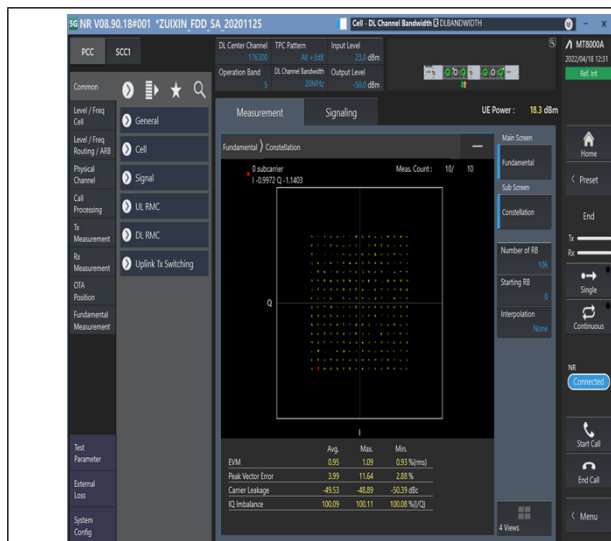


1-N5--15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS

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1-N5--15-20-M-9-CP-256QAM-Outer\_Full-106@0-  
Ant1-see graph-PASS



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N5   | 15  | 5         | DFT-QPSK    | L       | Outer_Full | 4.479        | 4.920         | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full | 4.493        | 5.140         | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Outer_Full | 4.477        | 5.080         | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Outer_Full | 4.478        | 5.100         | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Outer_Full | 4.475        | 5.040         | PASS    |
| N5   | 15  | 5         | CP-QPSK     | L       | Outer_Full | 4.493        | 5.190         | PASS    |
| N5   | 15  | 5         | CP-16QAM    | L       | Outer_Full | 4.483        | 5.170         | PASS    |
| N5   | 15  | 5         | CP-64QAM    | L       | Outer_Full | 4.486        | 5.260         | PASS    |
| N5   | 15  | 5         | CP-256QAM   | L       | Outer_Full | 4.489        | 5.140         | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Outer_Full | 4.487        | 5.050         | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full | 4.474        | 5.100         | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Outer_Full | 4.48         | 5.030         | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | M       | Outer_Full | 4.489        | 5.100         | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | M       | Outer_Full | 4.483        | 5.080         | PASS    |
| N5   | 15  | 5         | CP-QPSK     | M       | Outer_Full | 4.474        | 5.140         | PASS    |
| N5   | 15  | 5         | CP-16QAM    | M       | Outer_Full | 4.49         | 5.140         | PASS    |
| N5   | 15  | 5         | CP-64QAM    | M       | Outer_Full | 4.481        | 5.160         | PASS    |
| N5   | 15  | 5         | CP-256QAM   | M       | Outer_Full | 4.49         | 5.160         | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | H       | Outer_Full | 4.488        | 5.030         | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | H       | Outer_Full | 4.476        | 5.100         | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | H       | Outer_Full | 4.472        | 5.090         | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | H       | Outer_Full | 4.482        | 5.140         | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | H       | Outer_Full | 4.491        | 5.120         | PASS    |
| N5   | 15  | 5         | CP-QPSK     | H       | Outer_Full | 4.482        | 5.170         | PASS    |
| N5   | 15  | 5         | CP-16QAM    | H       | Outer_Full | 4.492        | 5.200         | PASS    |
| N5   | 15  | 5         | CP-64QAM    | H       | Outer_Full | 4.483        | 5.190         | PASS    |
| N5   | 15  | 5         | CP-256QAM   | H       | Outer_Full | 4.493        | 5.140         | PASS    |
| N5   | 15  | 10        | DFT-QPSK    | L       | Outer_Full | 8.944        | 9.680         | PASS    |
| N5   | 15  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.939        | 9.820         | PASS    |
| N5   | 15  | 10        | DFT-16QAM   | L       | Outer_Full | 8.952        | 9.740         | PASS    |
| N5   | 15  | 10        | DFT-64QAM   | L       | Outer_Full | 8.942        | 9.760         | PASS    |
| N5   | 15  | 10        | DFT-256QAM  | L       | Outer_Full | 8.95         | 9.740         | PASS    |



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|    |    |    |             |   |            |        |        |      |
|----|----|----|-------------|---|------------|--------|--------|------|
| N5 | 15 | 10 | CP-QPSK     | L | Outer_Full | 9.312  | 10.280 | PASS |
| N5 | 15 | 10 | CP-16QAM    | L | Outer_Full | 9.288  | 10.200 | PASS |
| N5 | 15 | 10 | CP-64QAM    | L | Outer_Full | 9.307  | 10.160 | PASS |
| N5 | 15 | 10 | CP-256QAM   | L | Outer_Full | 9.298  | 10.140 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Outer_Full | 8.929  | 9.740  | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.952  | 9.700  | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Outer_Full | 8.943  | 9.600  | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Outer_Full | 8.928  | 9.760  | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Outer_Full | 8.933  | 9.680  | PASS |
| N5 | 15 | 10 | CP-QPSK     | M | Outer_Full | 9.297  | 10.240 | PASS |
| N5 | 15 | 10 | CP-16QAM    | M | Outer_Full | 9.275  | 10.160 | PASS |
| N5 | 15 | 10 | CP-64QAM    | M | Outer_Full | 9.3    | 10.180 | PASS |
| N5 | 15 | 10 | CP-256QAM   | M | Outer_Full | 9.287  | 10.120 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Outer_Full | 8.949  | 9.680  | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.935  | 9.860  | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Outer_Full | 8.946  | 9.640  | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Outer_Full | 8.932  | 9.720  | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Outer_Full | 8.936  | 9.600  | PASS |
| N5 | 15 | 10 | CP-QPSK     | H | Outer_Full | 9.311  | 10.280 | PASS |
| N5 | 15 | 10 | CP-16QAM    | H | Outer_Full | 9.284  | 10.060 | PASS |
| N5 | 15 | 10 | CP-64QAM    | H | Outer_Full | 9.307  | 10.200 | PASS |
| N5 | 15 | 10 | CP-256QAM   | H | Outer_Full | 9.302  | 10.180 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Outer_Full | 13.496 | 14.430 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.437 | 14.550 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Outer_Full | 13.446 | 14.490 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Outer_Full | 13.434 | 14.550 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Outer_Full | 13.427 | 14.400 | PASS |
| N5 | 15 | 15 | CP-QPSK     | L | Outer_Full | 14.139 | 15.330 | PASS |
| N5 | 15 | 15 | CP-16QAM    | L | Outer_Full | 14.128 | 15.150 | PASS |
| N5 | 15 | 15 | CP-64QAM    | L | Outer_Full | 14.162 | 15.240 | PASS |
| N5 | 15 | 15 | CP-256QAM   | L | Outer_Full | 14.15  | 15.240 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Outer_Full | 13.487 | 14.460 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.398 | 14.460 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Outer_Full | 13.444 | 14.520 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Outer_Full | 13.407 | 14.460 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Outer_Full | 13.41  | 14.430 | PASS |
| N5 | 15 | 15 | CP-QPSK     | M | Outer_Full | 14.114 | 15.210 | PASS |
| N5 | 15 | 15 | CP-16QAM    | M | Outer_Full | 14.092 | 15.090 | PASS |



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|    |    |    |             |   |            |        |        |      |
|----|----|----|-------------|---|------------|--------|--------|------|
| N5 | 15 | 15 | CP-64QAM    | M | Outer_Full | 14.13  | 15.210 | PASS |
| N5 | 15 | 15 | CP-256QAM   | M | Outer_Full | 14.12  | 15.240 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Outer_Full | 13.482 | 14.430 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.396 | 14.310 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Outer_Full | 13.424 | 14.430 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Outer_Full | 13.406 | 14.490 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Outer_Full | 13.418 | 14.520 | PASS |
| N5 | 15 | 15 | CP-QPSK     | H | Outer_Full | 14.112 | 15.300 | PASS |
| N5 | 15 | 15 | CP-16QAM    | H | Outer_Full | 14.098 | 15.180 | PASS |
| N5 | 15 | 15 | CP-64QAM    | H | Outer_Full | 14.129 | 15.120 | PASS |
| N5 | 15 | 15 | CP-256QAM   | H | Outer_Full | 14.121 | 15.240 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Outer_Full | 17.826 | 18.880 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.854 | 18.880 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Outer_Full | 17.883 | 19.000 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Outer_Full | 17.829 | 19.040 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Outer_Full | 17.865 | 19.040 | PASS |
| N5 | 15 | 20 | CP-QPSK     | L | Outer_Full | 18.905 | 20.200 | PASS |
| N5 | 15 | 20 | CP-16QAM    | L | Outer_Full | 18.917 | 20.120 | PASS |
| N5 | 15 | 20 | CP-64QAM    | L | Outer_Full | 18.888 | 20.120 | PASS |
| N5 | 15 | 20 | CP-256QAM   | L | Outer_Full | 18.869 | 20.000 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Outer_Full | 17.801 | 18.880 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.817 | 18.960 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Outer_Full | 17.843 | 19.000 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Outer_Full | 17.83  | 18.960 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Outer_Full | 17.809 | 19.040 | PASS |
| N5 | 15 | 20 | CP-QPSK     | M | Outer_Full | 18.902 | 20.160 | PASS |
| N5 | 15 | 20 | CP-16QAM    | M | Outer_Full | 18.884 | 20.120 | PASS |
| N5 | 15 | 20 | CP-64QAM    | M | Outer_Full | 18.897 | 20.120 | PASS |
| N5 | 15 | 20 | CP-256QAM   | M | Outer_Full | 18.887 | 20.080 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Outer_Full | 17.81  | 18.920 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.821 | 18.920 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Outer_Full | 17.845 | 18.960 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Outer_Full | 17.809 | 18.880 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Outer_Full | 17.847 | 18.960 | PASS |
| N5 | 15 | 20 | CP-QPSK     | H | Outer_Full | 18.894 | 20.080 | PASS |
| N5 | 15 | 20 | CP-16QAM    | H | Outer_Full | 18.889 | 19.960 | PASS |
| N5 | 15 | 20 | CP-64QAM    | H | Outer_Full | 18.877 | 20.080 | PASS |
| N5 | 15 | 20 | CP-256QAM   | H | Outer_Full | 18.856 | 20.000 | PASS |



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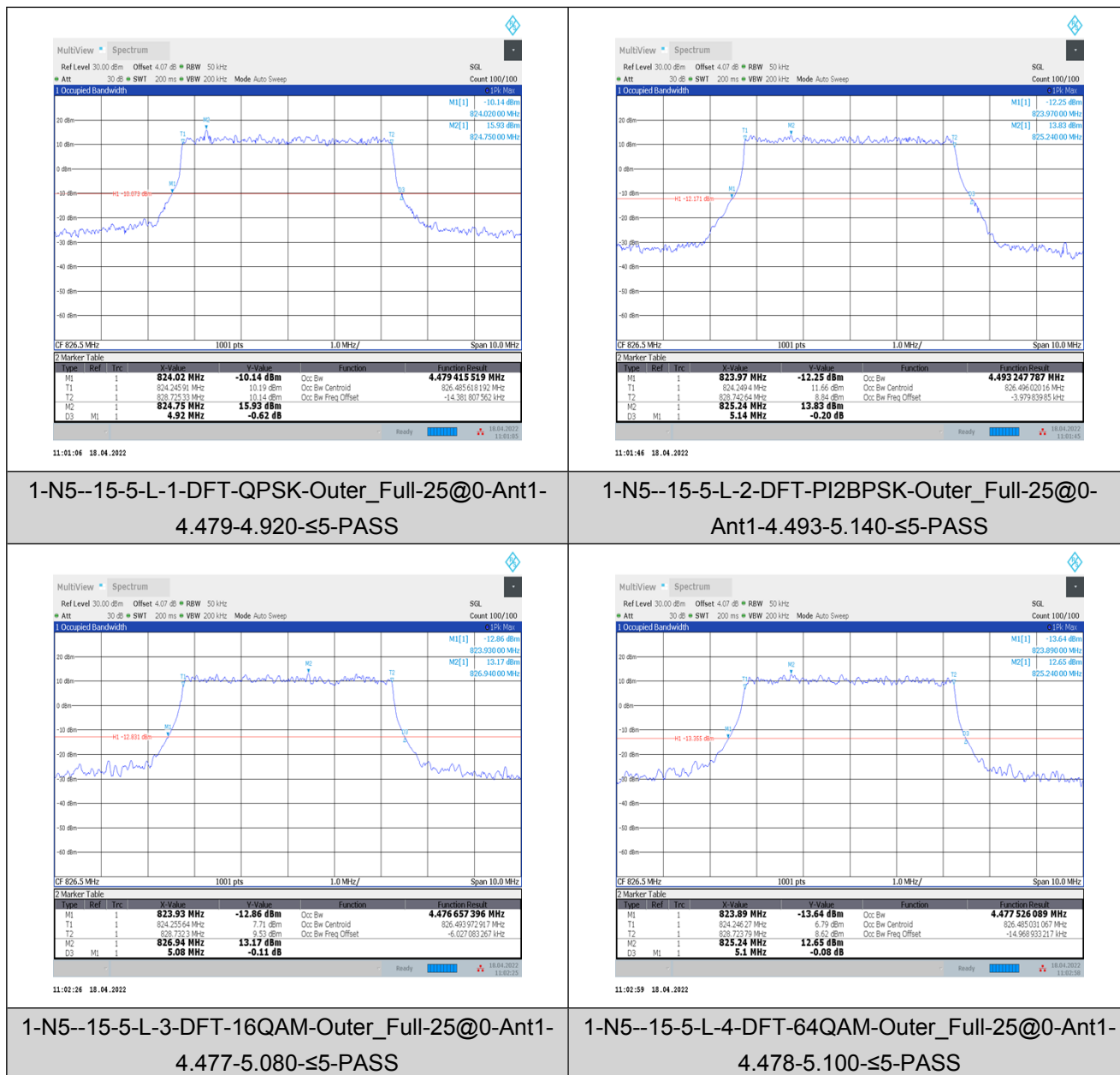
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### Test Graphs



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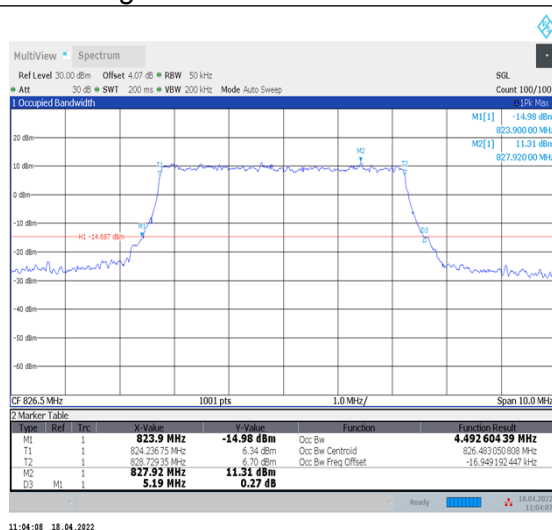
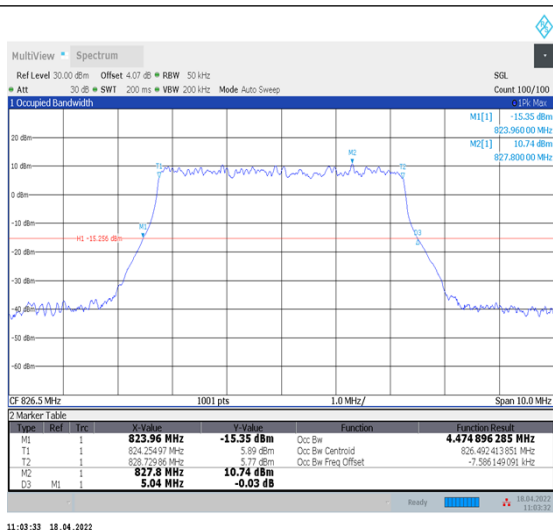
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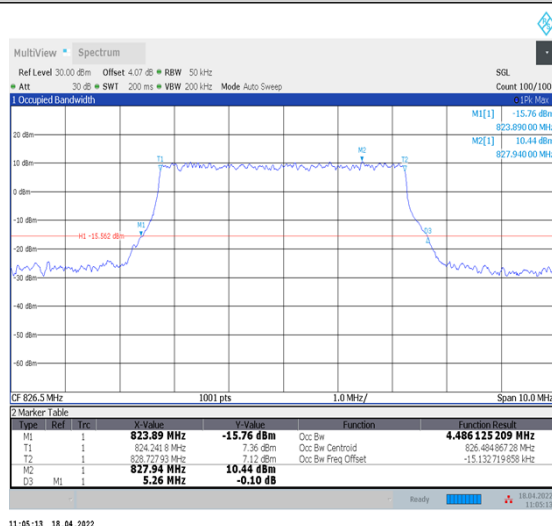
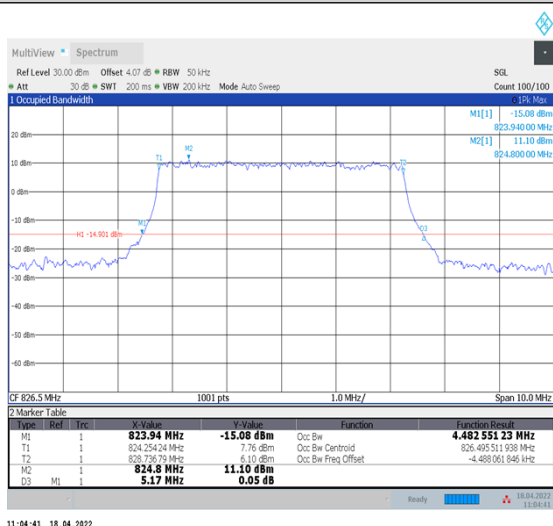
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1-N5--15-5-L-5-DFT-256QAM-Out\_ Full-25@0-Ant1-4.475-5.040-≤5-PASS

1-N5--15-5-L-6-CP-QPSK-Out\_ Full-25@0-Ant1-4.493-5.190-≤5-PASS



1-N5--15-5-L-7-CP-16QAM-Out\_ Full-25@0-Ant1-4.483-5.170-≤5-PASS

1-N5--15-5-L-8-CP-64QAM-Out\_ Full-25@0-Ant1-4.486-5.260-≤5-PASS



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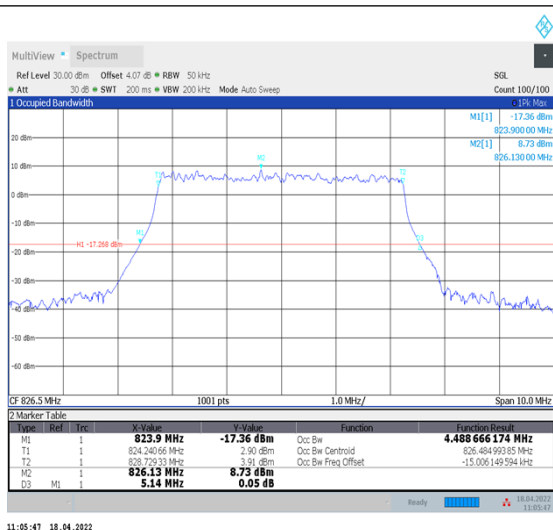
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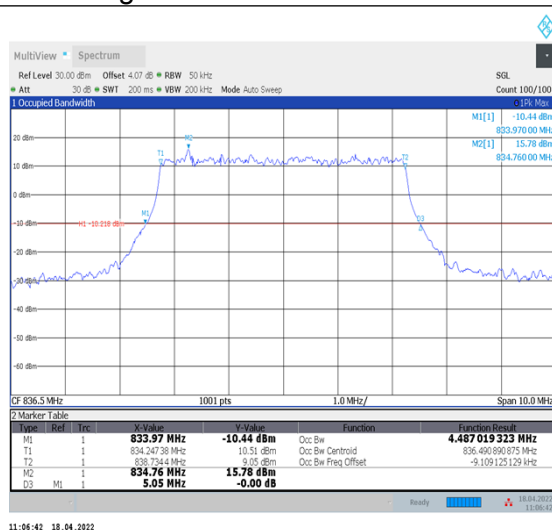
Report No.: SEWA2204000008RG02

Rev.: 01

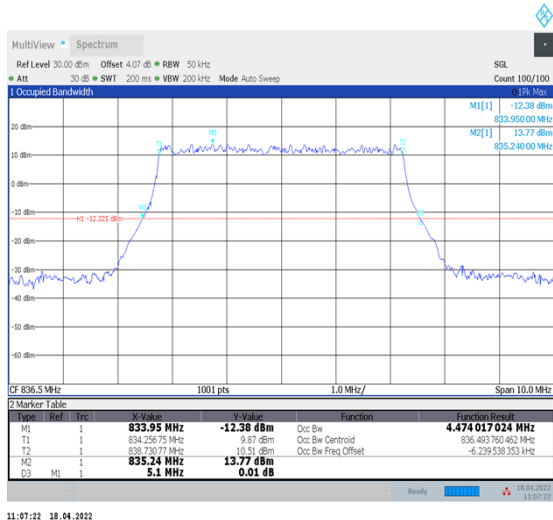
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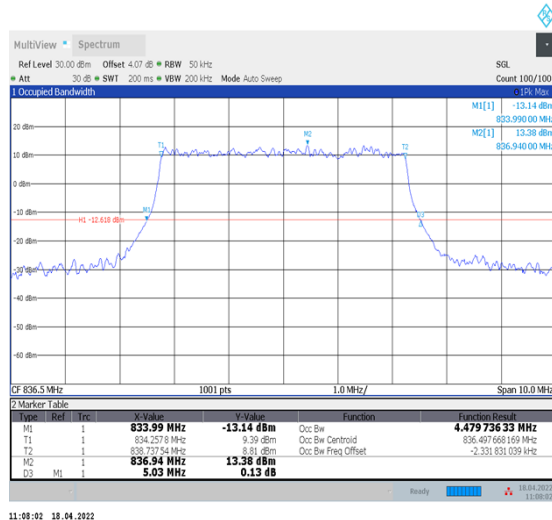
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4.487-5.050-≤5-PASS



1-N5--15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-  
Ant1-4.474-5.100-≤5-PASS



1-N5--15-5-M-3-DFT-16QAM-Outer\_Full-25@0-  
Ant1-4.48-5.030-≤5-PASS



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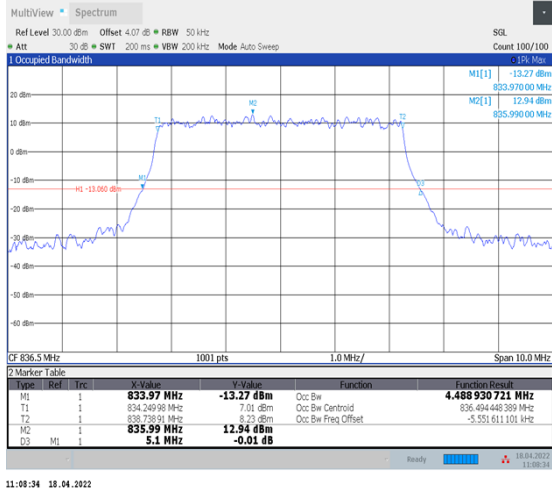
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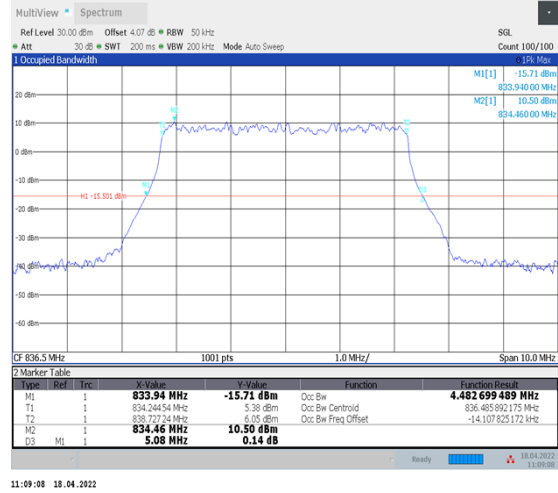
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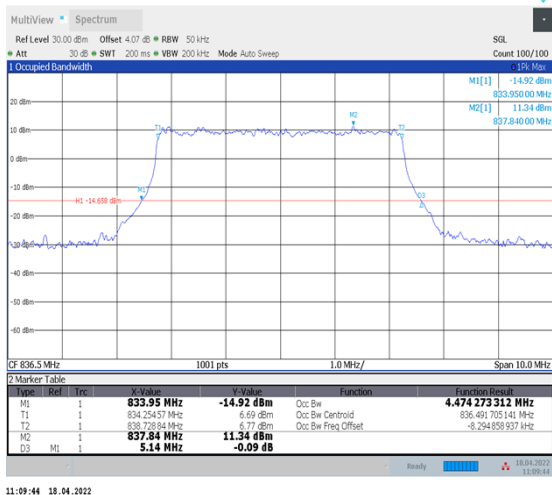
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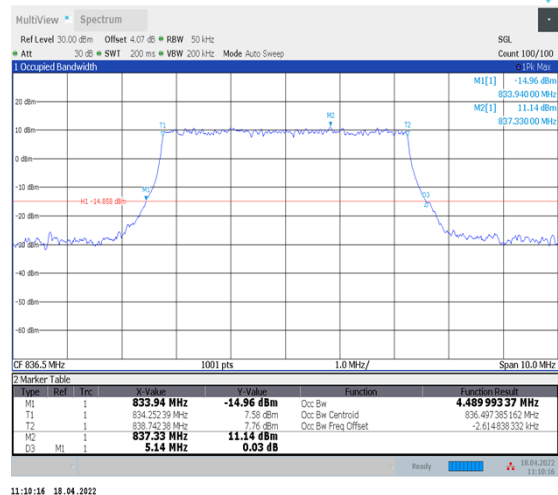
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11:10:16 18.04.2022

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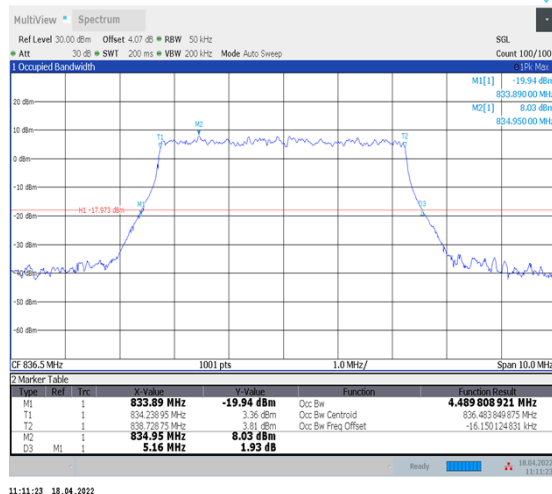
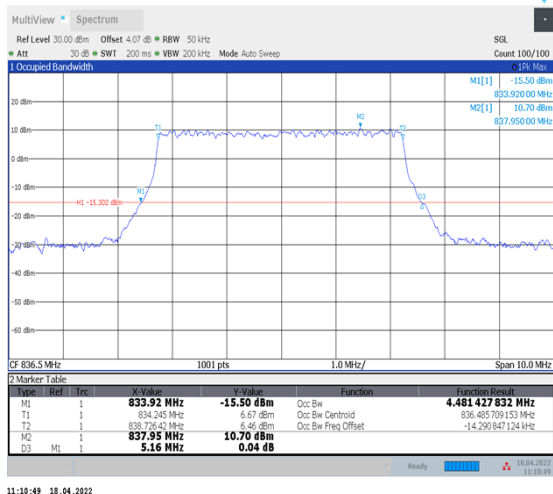
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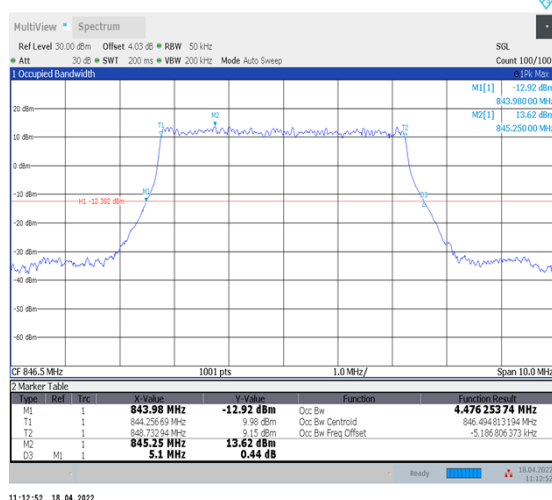
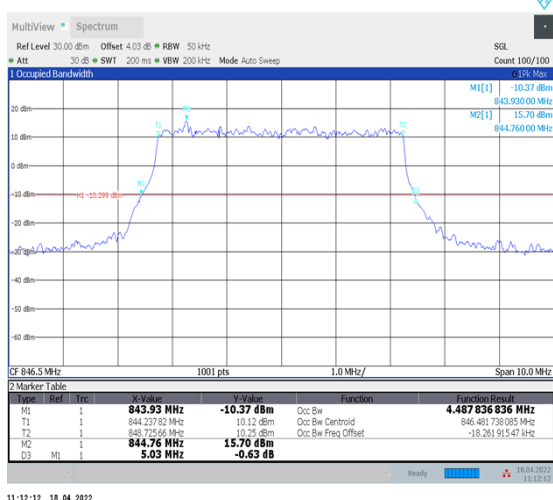
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1-N5--15-5-M-9-CP-256QAM-Outer\_Full-25@0-Ant1-  
4.49-5.160-≤5-PASS



1-N5--15-5-H-1-DFT-QPSK-Outer\_Full-25@0-Ant1-  
4.488-5.030-≤5-PASS

1-N5--15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-  
4.476-5.100-≤5-PASS



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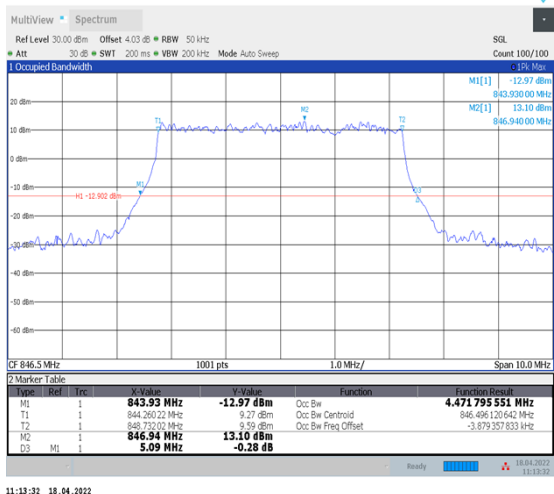
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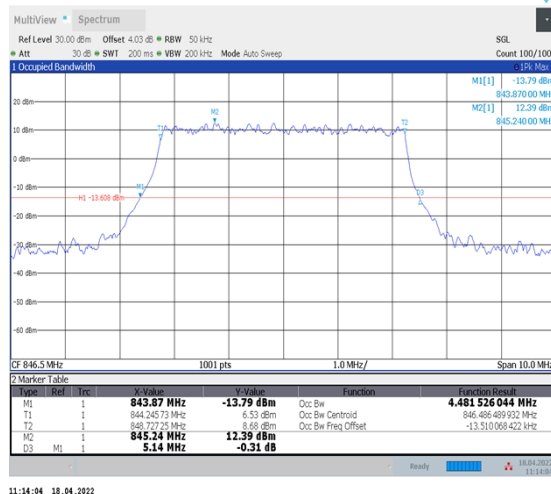
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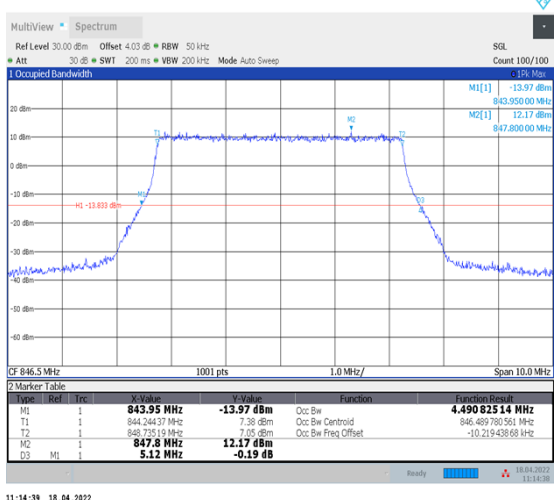
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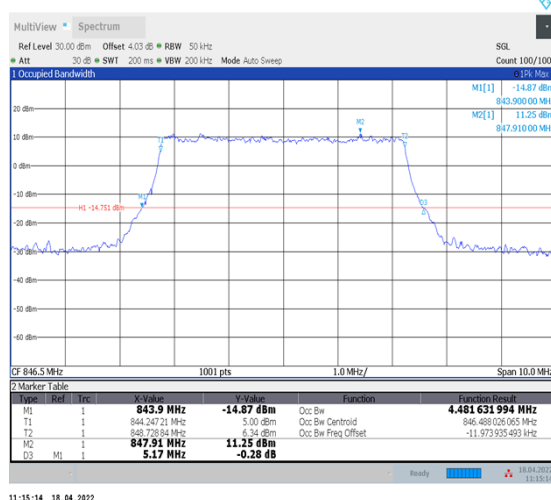
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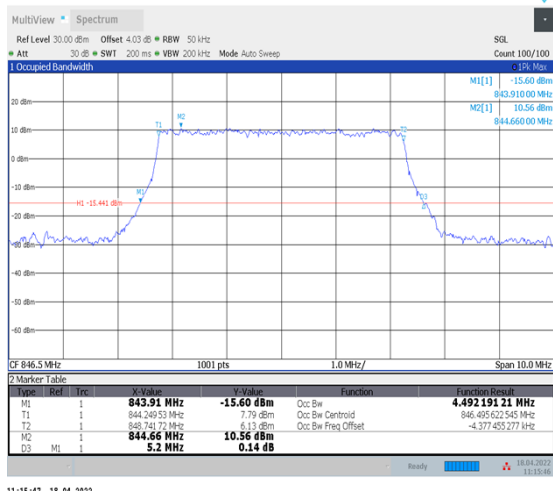
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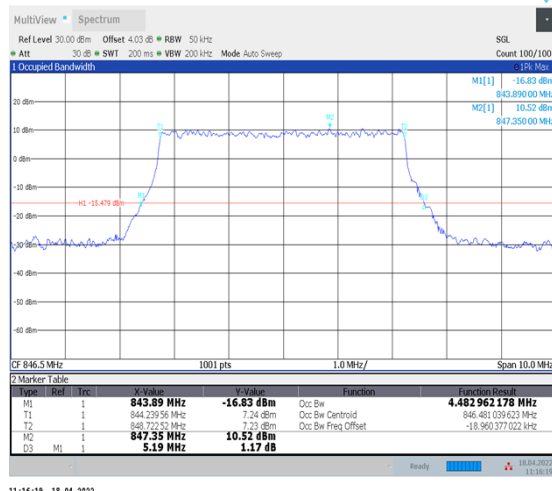
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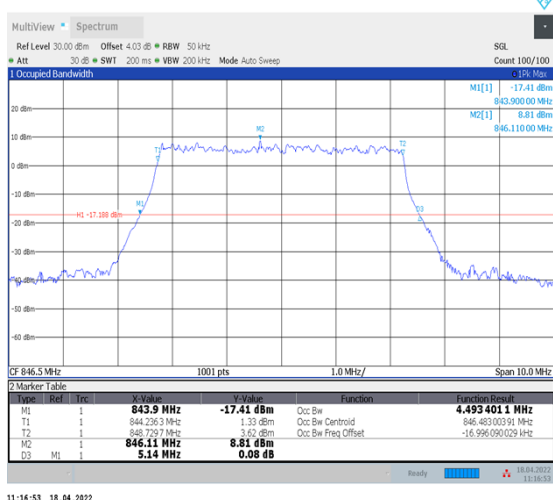
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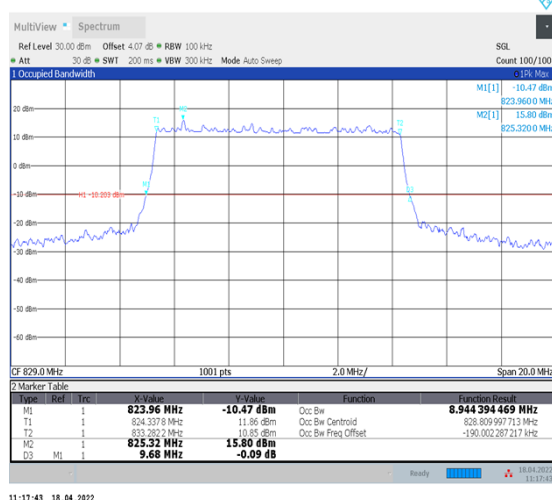
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11:17:49 18.04.2022

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1-N5--15-10-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.944-9.680-≤10-PASS



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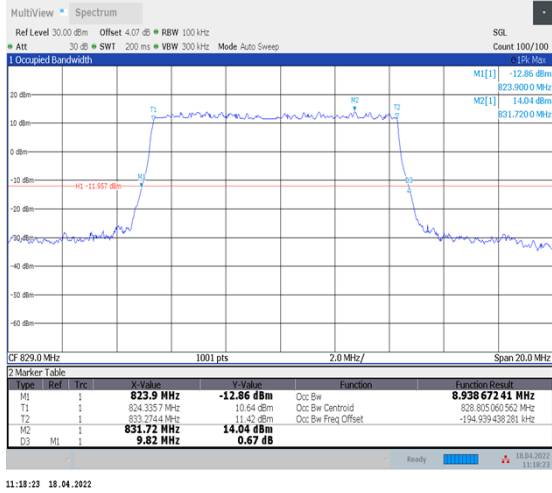
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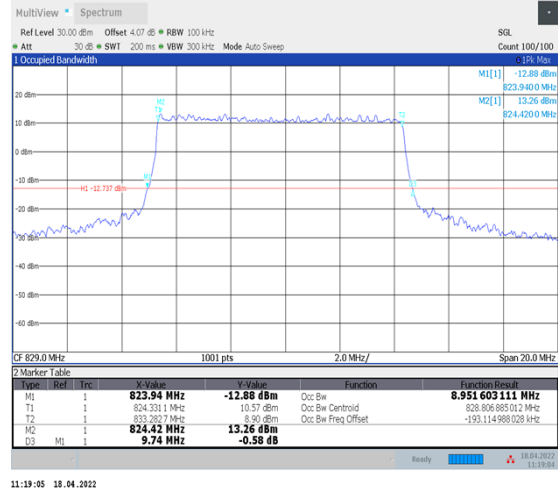
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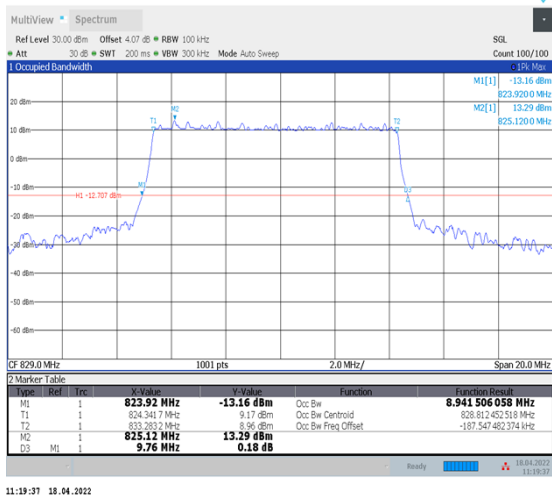
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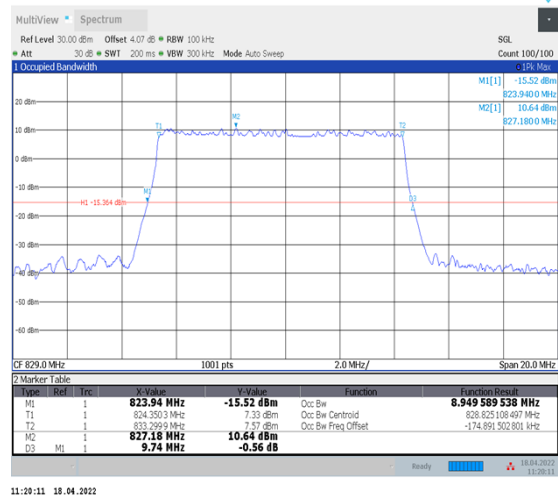
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Ant1-8.952-9.740-≤10-PASS



1-N5--15-10-L-4-DFT-64QAM-Outer\_Full-50@0-  
Ant1-8.942-9.760-≤10-PASS



1-N5--15-10-L-5-DFT-256QAM-Outer\_Full-50@0-  
Ant1-8.95-9.740-≤10-PASS



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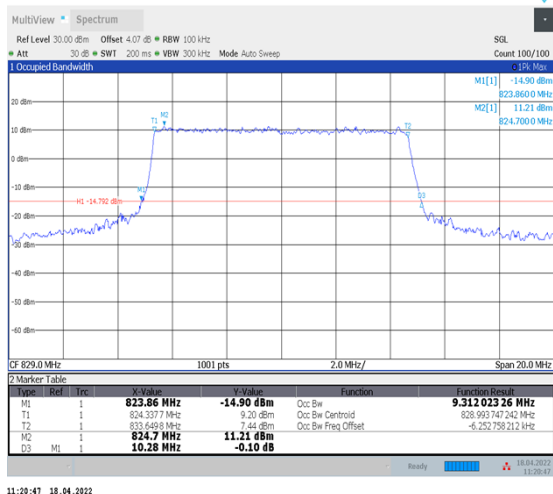
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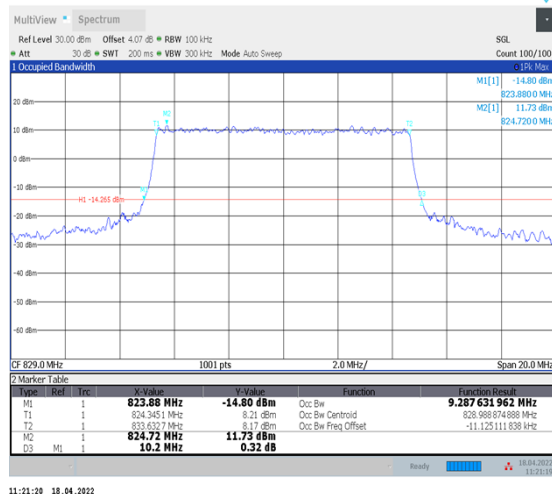
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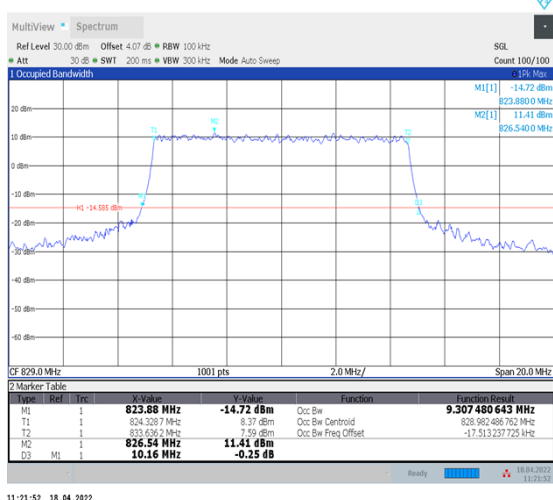
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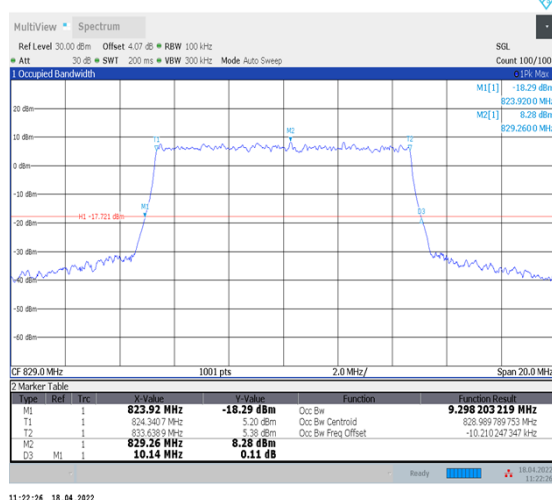
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1-N5--15-10-L-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.288-10.200-≤10-PASS



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1-N5--15-10-L-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.298-10.140-≤10-PASS



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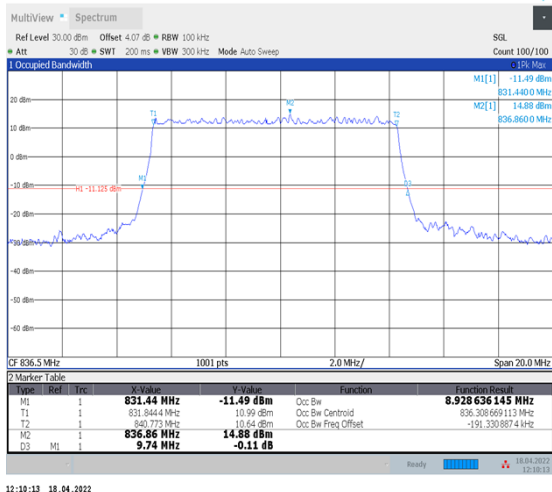
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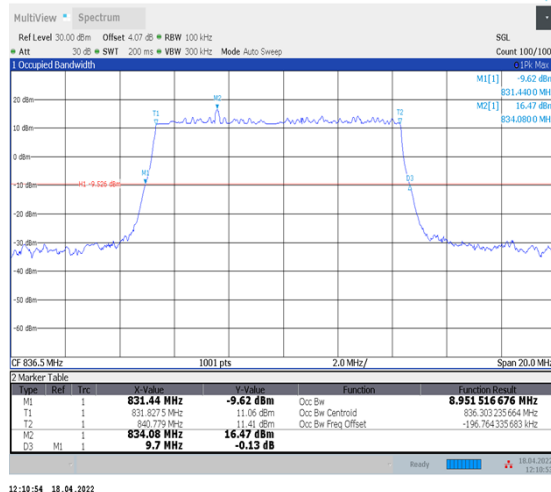
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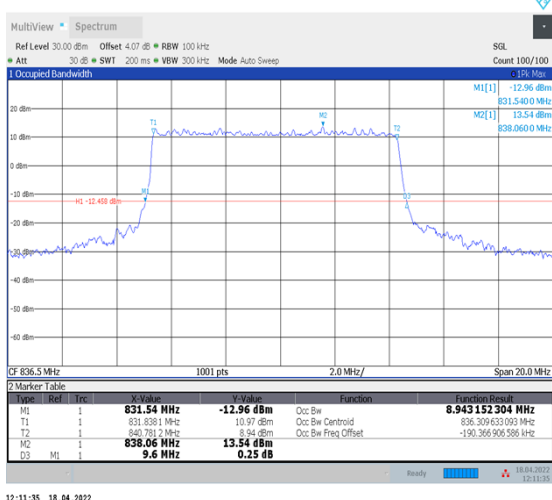
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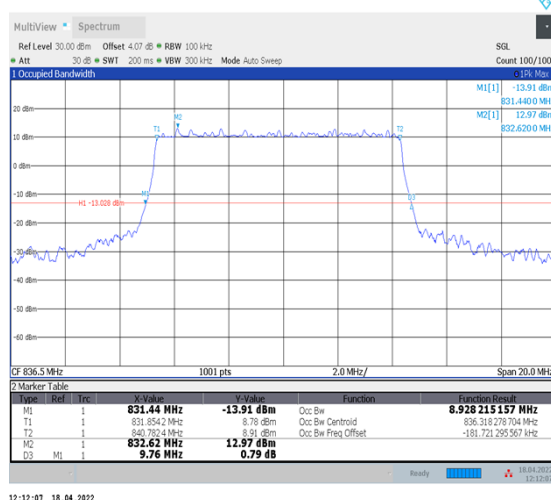
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1-N5--15-10-M-3-DFT-16QAM-Outet\_Full-50@0-Ant1-8.943-9.600-≤10-PASS



12:12:07 18.04.2022

1-N5--15-10-M-4-DFT-64QAM-Outet\_Full-50@0-Ant1-8.928-9.760-≤10-PASS



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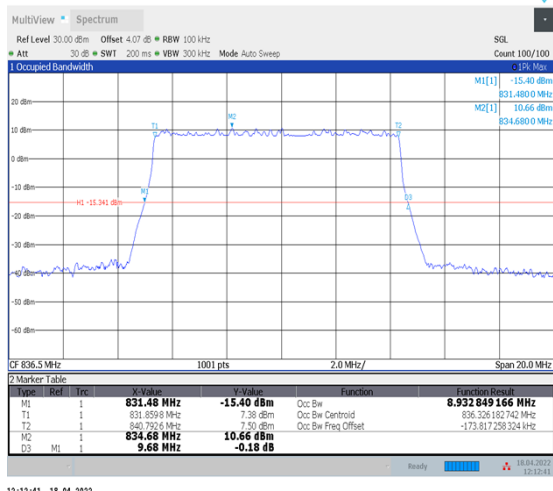
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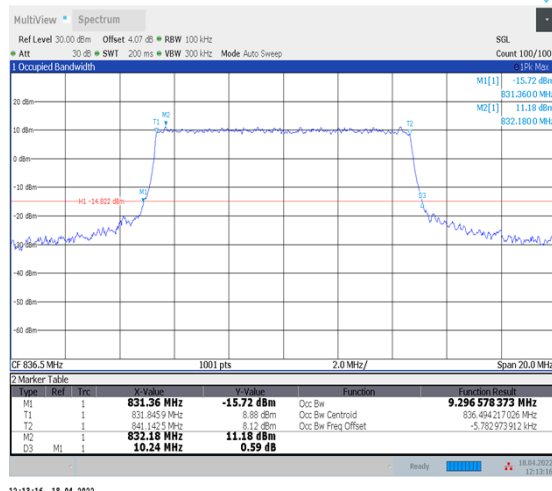
Report No.: SEWA2204000008RG02

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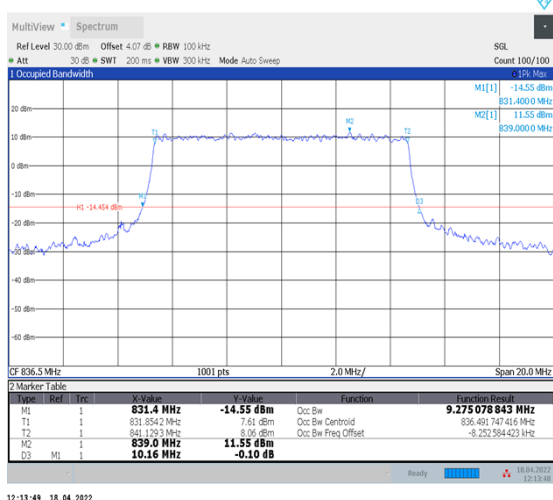
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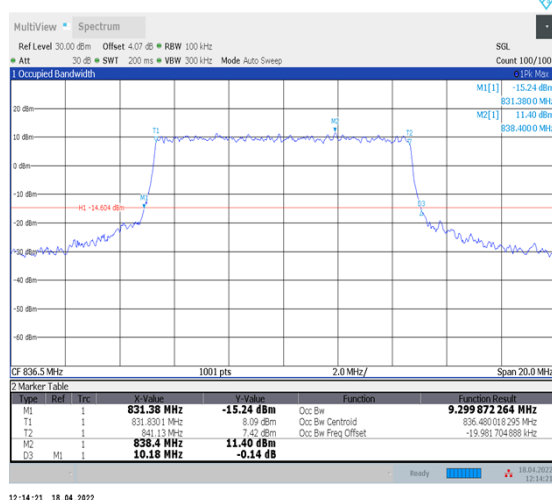
12:13:16 18.04.2022

1-N5--15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.933-9.680-≤10-PASS

1-N5--15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.297-10.240-≤10-PASS



12:13:49 18.04.2022



12:14:21 18.04.2022

1-N5--15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.275-10.160-≤10-PASS

1-N5--15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.3-10.180-≤10-PASS



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