

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 1 of 45

Appendix B.37

NR Band n30



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(Wireless Laboratories)

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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 |
|------|-----|-----------|-------------|---------|-----------------|-------------|------------|-------------|---------|
| N30 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.56 | 17.86 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.54 | 17.84 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 23.62 | 17.92 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Left | 23.61 | 17.91 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Right | 23.53 | 17.83 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | L | Outer_Full | 23.32 | 17.62 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Left | 23.56 | 17.86 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Right | 23.2 | 17.5 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | L | Outer_Full | 22.13 | 16.43 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | L | Inner_1RB_Left | 21.77 | 16.07 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | L | Inner_1RB_Right | 21.4 | 15.7 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | L | Outer_Full | 21.63 | 15.93 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | L | Inner_1RB_Left | 19.9 | 14.2 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | L | Inner_1RB_Right | 19.78 | 14.08 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | L | Outer_Full | 20.04 | 14.34 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.63 | 17.93 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.57 | 17.87 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 23.16 | 17.46 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Left | 23.54 | 17.84 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Right | 23.52 | 17.82 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | M | Outer_Full | 22.57 | 16.87 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Left | 22.69 | 16.99 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Right | 22.75 | 17.05 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | M | Outer_Full | 21.46 | 15.76 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | M | Inner_1RB_Left | 20.94 | 15.24 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | M | Inner_1RB_Right | 21.04 | 15.34 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | M | Outer_Full | 21.01 | 15.31 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Left | 19.39 | 13.69 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Right | 19.5 | 13.8 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | M | Outer_Full | 19.52 | 13.82 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.54 | 17.84 | 23.98 | PASS |



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| | | | | | | | | | |
|-----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N30 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.59 | 17.89 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 23.01 | 17.31 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Left | 23.34 | 17.64 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Right | 23.56 | 17.86 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-QPSK | H | Outer_Full | 22.47 | 16.77 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Left | 22.52 | 16.82 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Right | 22.85 | 17.15 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-16QAM | H | Outer_Full | 21.41 | 15.71 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | H | Inner_1RB_Left | 20.82 | 15.12 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | H | Inner_1RB_Right | 21.17 | 15.47 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-64QAM | H | Outer_Full | 21.01 | 15.31 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Left | 19.33 | 13.63 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Right | 19.7 | 14 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-256QAM | H | Outer_Full | 19.56 | 13.86 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left | 21.34 | 15.64 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 22.56 | 16.86 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 22.63 | 16.93 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Left | 22.84 | 17.14 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Right | 22.49 | 16.79 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | L | Outer_Full | 22.61 | 16.91 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Left | 22.35 | 16.65 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Right | 21.98 | 16.28 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | L | Outer_Full | 21.81 | 16.11 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | L | Inner_1RB_Left | 21.36 | 15.66 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | L | Inner_1RB_Right | 20.92 | 15.22 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | L | Outer_Full | 21.61 | 15.91 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Left | 19.82 | 14.12 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Right | 19.56 | 13.86 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | L | Outer_Full | 19.8 | 14.1 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.27 | 17.57 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 22.85 | 17.15 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 22.91 | 17.21 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Left | 23.11 | 17.41 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Right | 22.72 | 17.02 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | M | Outer_Full | 22.86 | 17.16 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Left | 22.57 | 16.87 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Right | 22.19 | 16.49 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | M | Outer_Full | 21.99 | 16.29 | 23.98 | PASS |



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Report No.: SEWA2204000008RG02

Rev.: 01

Page: 4 of 45

| | | | | | | | | | |
|-----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N30 | 15 | 10 | DFT-64QAM | M | Inner_1RB_Left | 21.43 | 15.73 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | M | Inner_1RB_Right | 21.04 | 15.34 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | M | Outer_Full | 21.72 | 16.02 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Left | 19.81 | 14.11 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Right | 19.67 | 13.97 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | M | Outer_Full | 19.98 | 14.28 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.38 | 17.68 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 22.94 | 17.24 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 23.01 | 17.31 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Left | 23.18 | 17.48 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Right | 22.79 | 17.09 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-QPSK | H | Outer_Full | 22.92 | 17.22 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Left | 22.64 | 16.94 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Right | 22.25 | 16.55 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-16QAM | H | Outer_Full | 22.07 | 16.37 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | H | Inner_1RB_Left | 21.48 | 15.78 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | H | Inner_1RB_Right | 21.1 | 15.4 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-64QAM | H | Outer_Full | 21.77 | 16.07 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Left | 19.91 | 14.21 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Right | 19.8 | 14.1 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-256QAM | H | Outer_Full | 19.98 | 14.28 | 23.98 | PASS |



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Power Spectral Density Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result | EIRP | Limit | Verdict |
|------|-----|-----------|-------------|---------|-----------------|--------|-------|-------|---------|
| N30 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Left | 22.03 | 16.33 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Right | 21.45 | 15.75 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 20.2 | 14.5 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Left | 21.56 | 15.86 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Right | 21.67 | 15.97 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 20.11 | 14.41 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Left | 21.5 | 15.8 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Right | 22.13 | 16.43 | 23.98 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 20.39 | 14.69 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left | 21.78 | 16.08 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 22.27 | 16.57 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 18.82 | 13.12 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left | 21.32 | 15.62 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 21.95 | 16.25 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 18.53 | 12.83 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left | 21.02 | 15.32 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 21.79 | 16.09 | 23.98 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 18.45 | 12.75 | 23.98 | PASS |



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Test Graphs

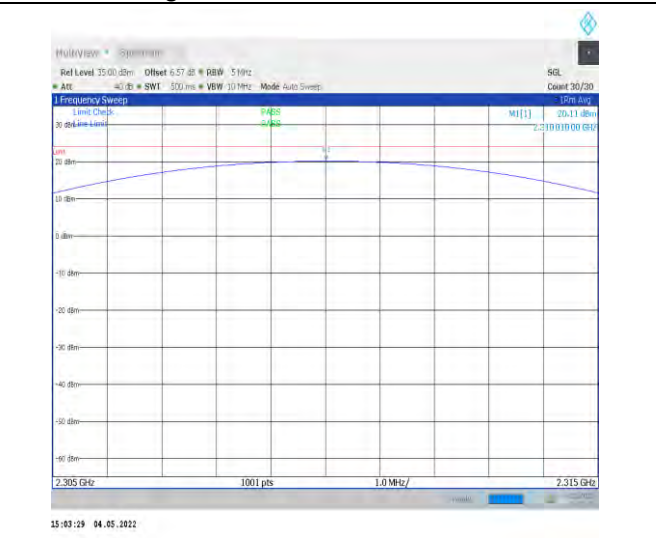
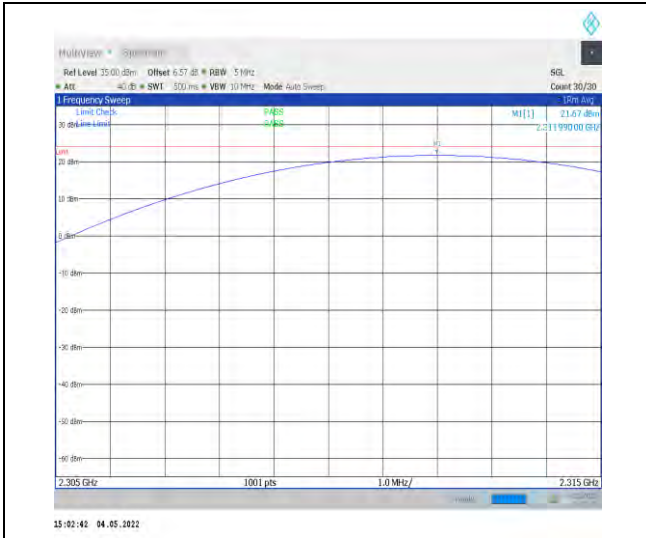
| | |
|---|---|
| | |
| <p>1-N30-PC3-15-5-L-1-DFT-PI2BPSK-Inner_1RB_Left -1@1-2302.5-2312.5-Ant1-22.03-23.98-PASS</p> | <p>1-N30-PC3-15-5-L-2-DFT-PI2BPSK-Inner_1RB_Right -1@23-2302.5-2312.5-Ant1-21.45-23.98-PASS</p> |
| | |
| <p>1-N30-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25 @0-2302.5-2312.5-Ant1-20.20-23.98-PASS</p> | <p>1-N30-PC3-15-5-M-1-DFT-PI2BPSK-Inner_1RB_Left 1@1-2305-2315-Ant1-21.56-23.98-PASS</p> |



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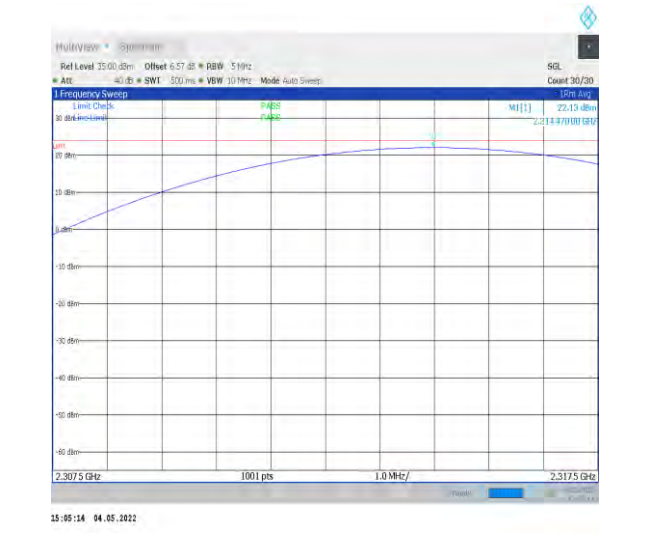
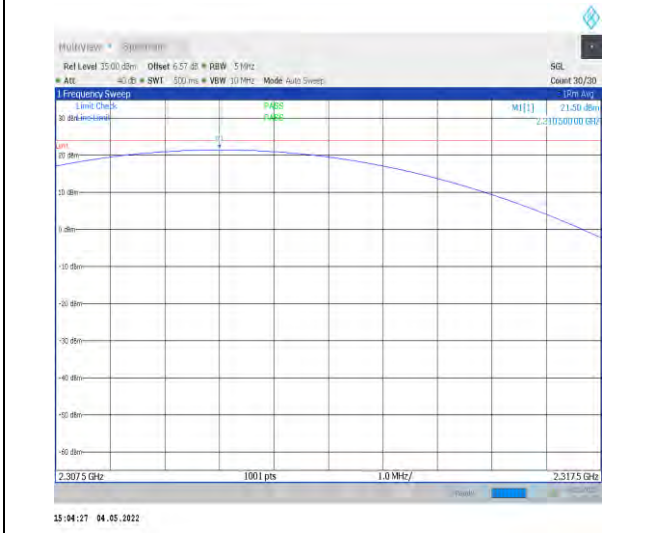
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1-N30-PC3-15-5-M-2-DFT-PI2BPSK-Inner_1RB_Ri ght-1@23-2305-2315-Ant1-21.67-23.98-PASS

1-N30-PC3-15-5-M-3-DFT-PI2BPSK-Outer_Full-25@ 0-2305-2315-Ant1-20.11-23.98-PASS

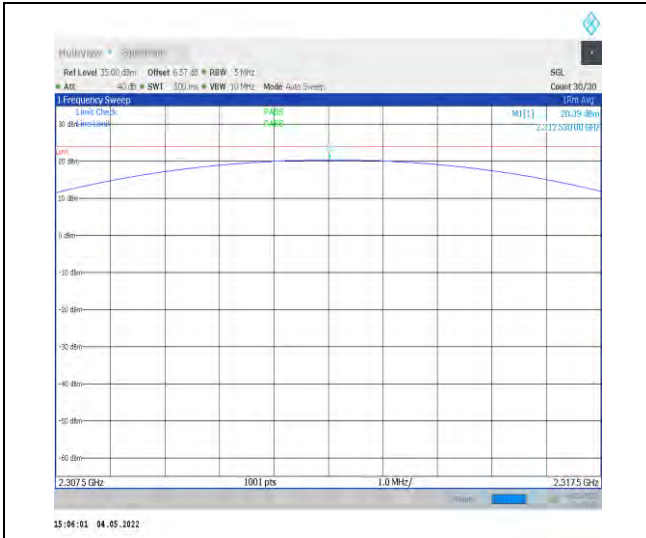


1-N30-PC3-15-5-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-2307.5-2317.5-Ant1-21.50-23.98-PASS

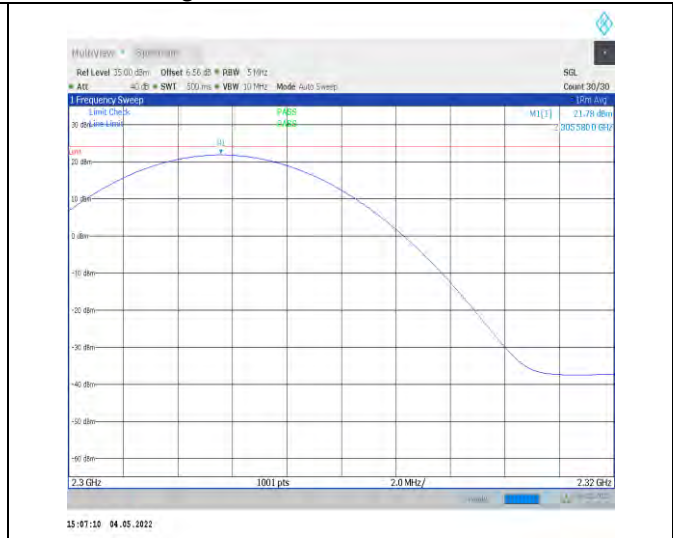
1-N30-PC3-15-5-H-2-DFT-PI2BPSK-Inner_1RB_Righ t-1@23-2307.5-2317.5-Ant1-22.13-23.98-PASS



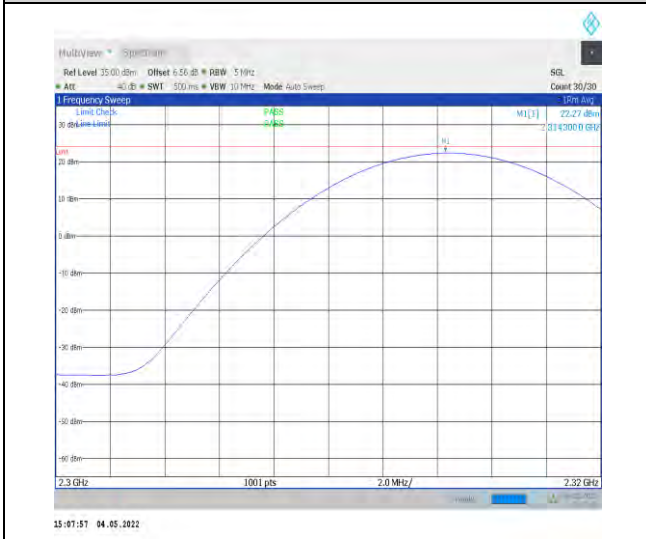
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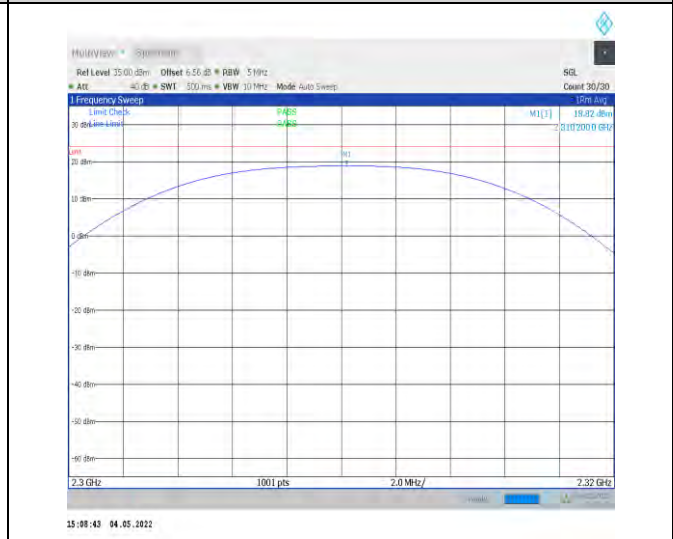
1-N30-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25
@0-2307.5-2317.5-Ant1-20.39-23.98-PASS



1-N30-PC3-15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-2300-2320-Ant1-21.78-23.98-PASS



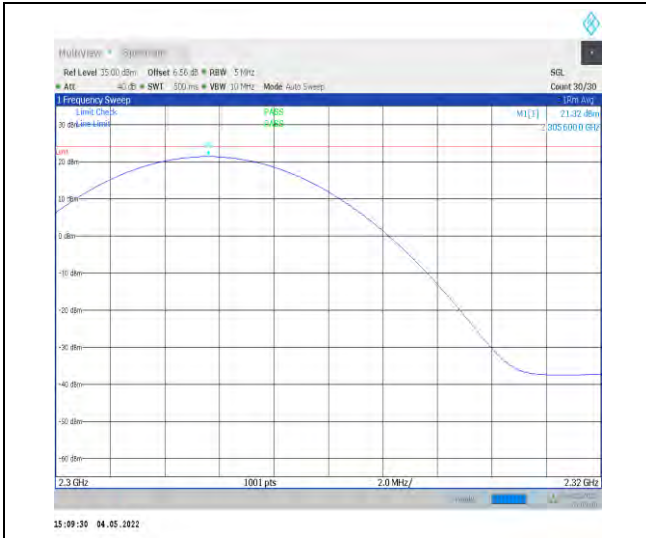
1-N30-PC3-15-10-L-2-DFT-PI2BPSK-Inner_1RB_Ri
ght-1@50-2300-2320-Ant1-22.27-23.98-PASS



1-N30-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50
@0-2300-2320-Ant1-18.82-23.98-PASS



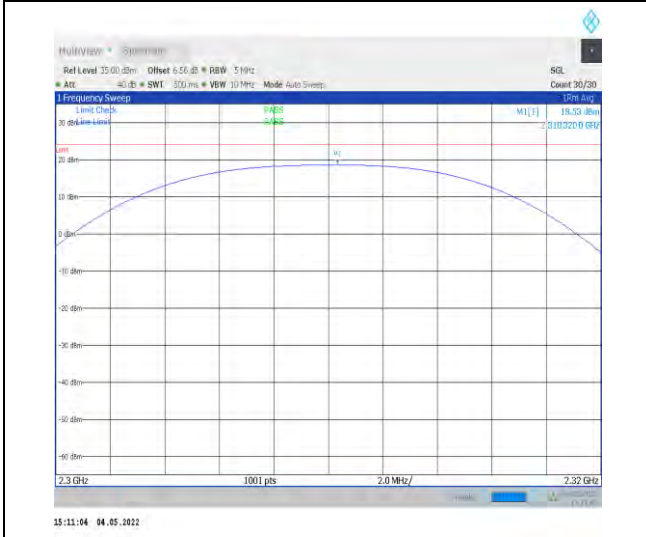
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1-N30-PC3-15-10-M-1-DFT-PI2BPSK-Inner_1RB_L
eff-1@1-2300-2320-Ant1-21.32-23.98-PASS



1-N30-PC3-15-10-M-2-DFT-PI2BPSK-Inner_1RB_Rig
ht-1@50-2300-2320-Ant1-21.95-23.98-PASS



1-N30-PC3-15-10-M-3-DFT-PI2BPSK-Outer_Full-50
@0-2300-2320-Ant1-18.53-23.98-PASS



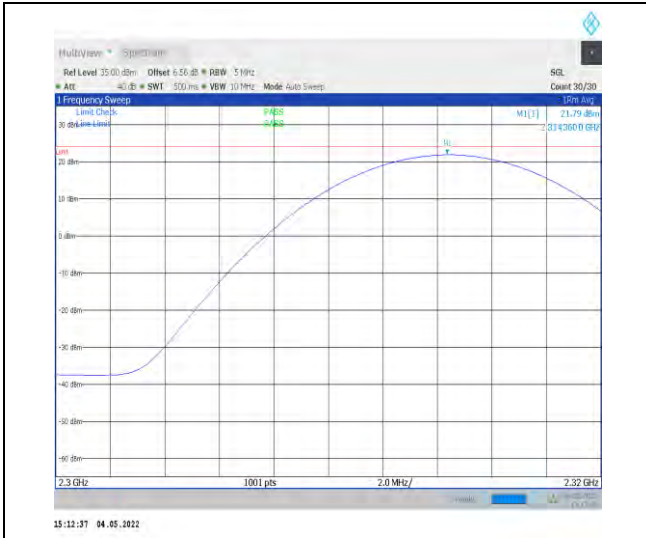
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t-1@1-2300-2320-Ant1-21.02-23.98-PASS



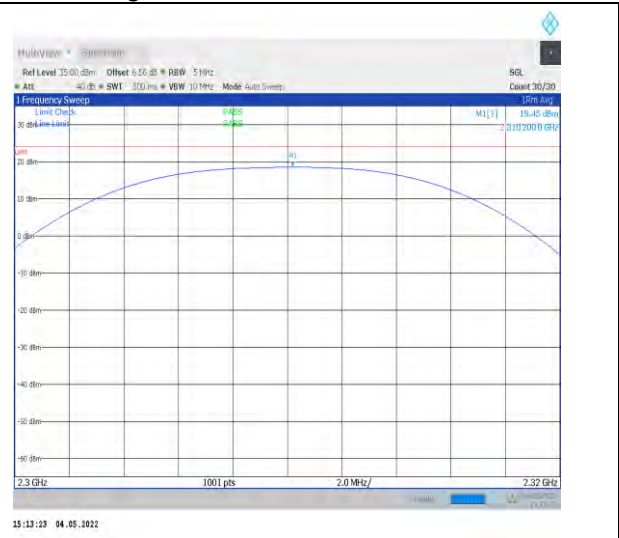
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1-N30-PC3-15-10-H-2-DFT-PI2BPSK-Inner_1RB_Ri ght-1@50-2300-2320-Ant1-21.79-23.98-PASS



1-N30-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50 @0-2300-2320-Ant1-18.45-23.98-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 |
|------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N30 | 15 | 10 | DFT-256QAM | L | Outer_Full | 100% | 0.00 | 8.12 | ≤13 | PASS |
| N30 | 15 | 10 | CP-256QAM | L | Outer_Full | 100% | 0.00 | 9.30 | ≤13 | PASS |
| N30 | 15 | 10 | DFT-256QAM | M | Outer_Full | 100% | 0.00 | 8.10 | ≤13 | PASS |
| N30 | 15 | 10 | CP-256QAM | M | Outer_Full | 100% | 0.00 | 9.36 | ≤13 | PASS |
| N30 | 15 | 10 | DFT-256QAM | H | Outer_Full | 100% | 0.00 | 8.11 | ≤13 | PASS |
| N30 | 15 | 10 | CP-256QAM | H | Outer_Full | 100% | 0.00 | 9.36 | ≤13 | PASS |



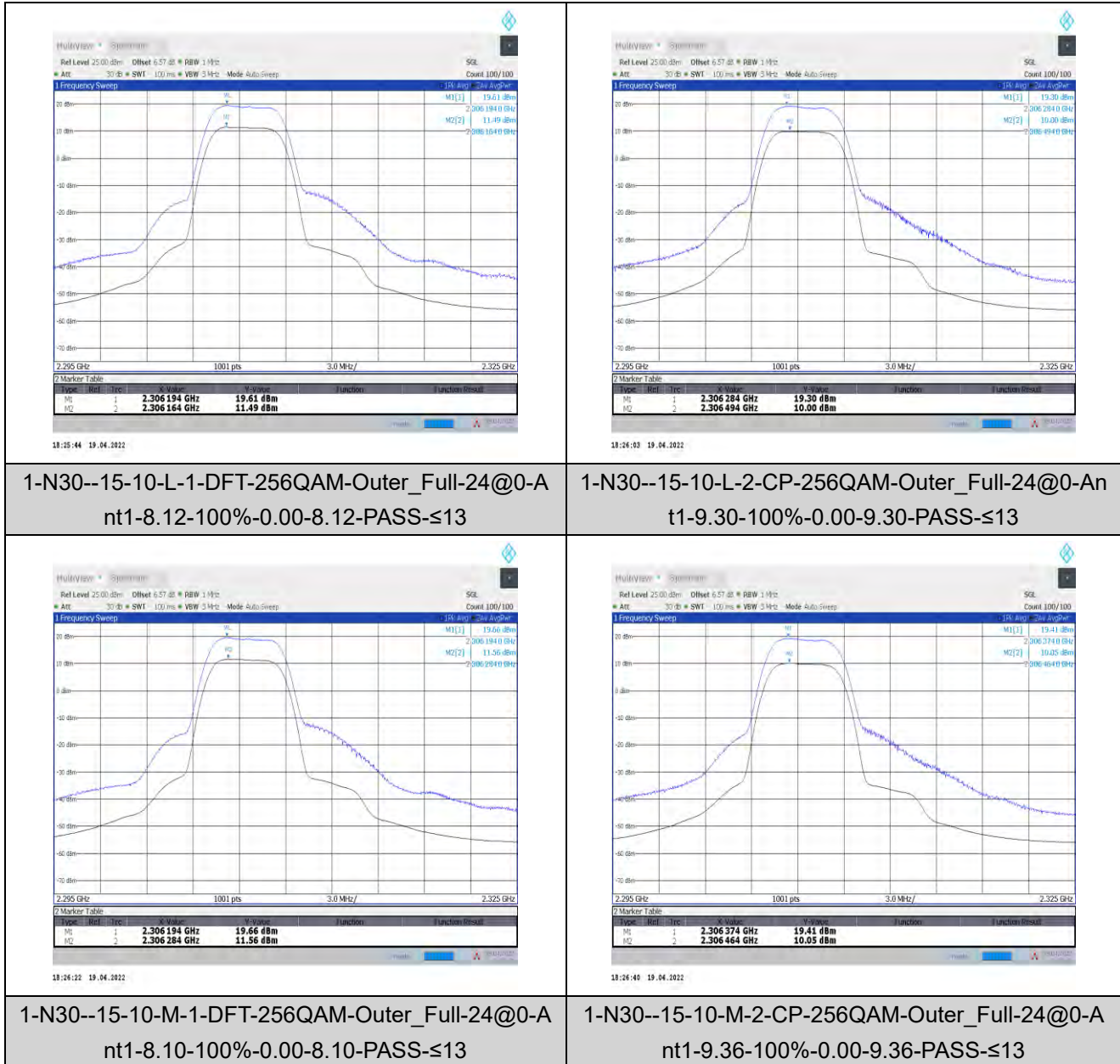
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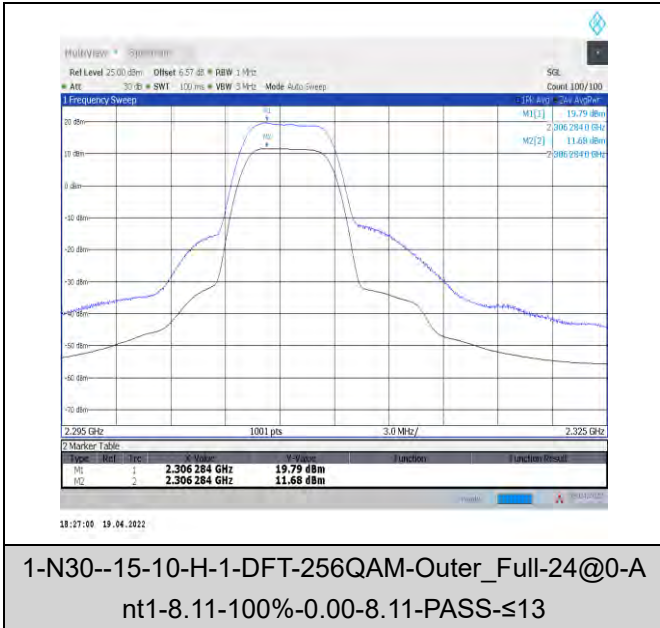
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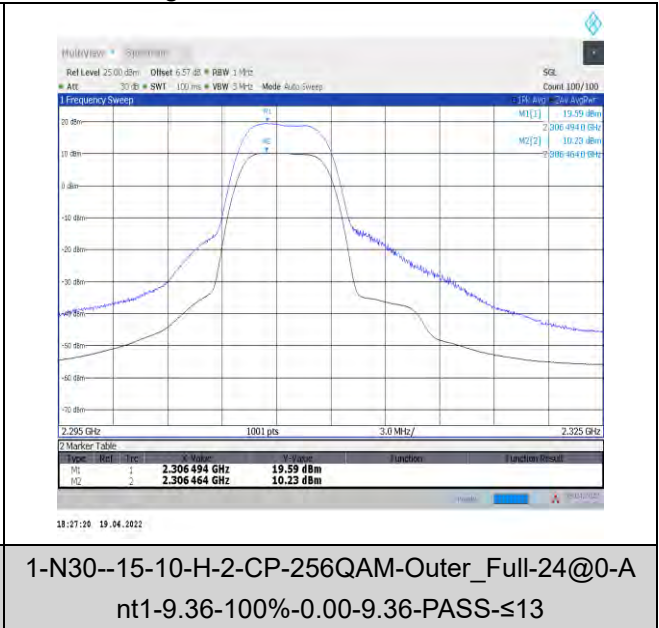
Test Graphs



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1-N30--15-10-H-1-DFT-256QAM-Outer_Full-24@0-A
nt1-8.11-100%-0.00-8.11-PASS-≤13



1-N30--15-10-H-2-CP-256QAM-Outer_Full-24@0-A
nt1-9.36-100%-0.00-9.36-PASS-≤13



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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 |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N30 | 15 | 5 | DFT-QPSK | L | Outer_Full | 4.495 | 5.170 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 4.475 | 5.030 | PASS |
| N30 | 15 | 5 | DFT-16QAM | L | Outer_Full | 4.475 | 5.020 | PASS |
| N30 | 15 | 5 | DFT-64QAM | L | Outer_Full | 4.503 | 5.070 | PASS |
| N30 | 15 | 5 | DFT-256QAM | L | Outer_Full | 4.473 | 5.050 | PASS |
| N30 | 15 | 5 | CP-QPSK | L | Outer_Full | 4.472 | 5.100 | PASS |
| N30 | 15 | 5 | CP-16QAM | L | Outer_Full | 4.463 | 5.050 | PASS |
| N30 | 15 | 5 | CP-64QAM | L | Outer_Full | 4.476 | 5.120 | PASS |
| N30 | 15 | 5 | CP-256QAM | L | Outer_Full | 4.483 | 5.110 | PASS |
| N30 | 15 | 5 | DFT-QPSK | M | Outer_Full | 4.491 | 5.160 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 4.463 | 5.060 | PASS |
| N30 | 15 | 5 | DFT-16QAM | M | Outer_Full | 4.461 | 4.880 | PASS |
| N30 | 15 | 5 | DFT-64QAM | M | Outer_Full | 4.473 | 4.990 | PASS |
| N30 | 15 | 5 | DFT-256QAM | M | Outer_Full | 4.473 | 5.020 | PASS |
| N30 | 15 | 5 | CP-QPSK | M | Outer_Full | 4.464 | 4.930 | PASS |
| N30 | 15 | 5 | CP-16QAM | M | Outer_Full | 4.485 | 5.150 | PASS |
| N30 | 15 | 5 | CP-64QAM | M | Outer_Full | 4.474 | 4.990 | PASS |
| N30 | 15 | 5 | CP-256QAM | M | Outer_Full | 4.471 | 4.880 | PASS |
| N30 | 15 | 5 | DFT-QPSK | H | Outer_Full | 4.488 | 5.130 | PASS |
| N30 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 4.457 | 4.950 | PASS |
| N30 | 15 | 5 | DFT-16QAM | H | Outer_Full | 4.484 | 5.090 | PASS |
| N30 | 15 | 5 | DFT-64QAM | H | Outer_Full | 4.481 | 5.080 | PASS |
| N30 | 15 | 5 | DFT-256QAM | H | Outer_Full | 4.477 | 5.160 | PASS |
| N30 | 15 | 5 | CP-QPSK | H | Outer_Full | 4.470 | 5.050 | PASS |
| N30 | 15 | 5 | CP-16QAM | H | Outer_Full | 4.482 | 5.100 | PASS |
| N30 | 15 | 5 | CP-64QAM | H | Outer_Full | 4.485 | 5.060 | PASS |
| N30 | 15 | 5 | CP-256QAM | H | Outer_Full | 4.469 | 5.070 | PASS |
| N30 | 15 | 10 | DFT-QPSK | L | Outer_Full | 8.922 | 9.680 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.937 | 9.860 | PASS |
| N30 | 15 | 10 | DFT-16QAM | L | Outer_Full | 8.958 | 9.700 | PASS |



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Report No.: SEWA2204000008RG02

Rev.: 01

Page: 15 of 45

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|-----|----|----|-------------|---|------------|-------|--------|------|
| N30 | 15 | 10 | DFT-64QAM | L | Outer_Full | 8.951 | 9.640 | PASS |
| N30 | 15 | 10 | DFT-256QAM | L | Outer_Full | 8.954 | 9.620 | PASS |
| N30 | 15 | 10 | CP-QPSK | L | Outer_Full | 9.321 | 10.220 | PASS |
| N30 | 15 | 10 | CP-16QAM | L | Outer_Full | 9.308 | 10.120 | PASS |
| N30 | 15 | 10 | CP-64QAM | L | Outer_Full | 9.319 | 10.080 | PASS |
| N30 | 15 | 10 | CP-256QAM | L | Outer_Full | 9.313 | 10.100 | PASS |
| N30 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.933 | 9.620 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.919 | 9.360 | PASS |
| N30 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.962 | 9.540 | PASS |
| N30 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.947 | 9.660 | PASS |
| N30 | 15 | 10 | DFT-256QAM | M | Outer_Full | 8.946 | 9.580 | PASS |
| N30 | 15 | 10 | CP-QPSK | M | Outer_Full | 9.311 | 10.040 | PASS |
| N30 | 15 | 10 | CP-16QAM | M | Outer_Full | 9.312 | 10.020 | PASS |
| N30 | 15 | 10 | CP-64QAM | M | Outer_Full | 9.306 | 10.180 | PASS |
| N30 | 15 | 10 | CP-256QAM | M | Outer_Full | 9.306 | 10.100 | PASS |
| N30 | 15 | 10 | DFT-QPSK | H | Outer_Full | 8.965 | 9.580 | PASS |
| N30 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.945 | 9.780 | PASS |
| N30 | 15 | 10 | DFT-16QAM | H | Outer_Full | 8.962 | 9.680 | PASS |
| N30 | 15 | 10 | DFT-64QAM | H | Outer_Full | 8.957 | 9.680 | PASS |
| N30 | 15 | 10 | DFT-256QAM | H | Outer_Full | 8.955 | 9.580 | PASS |
| N30 | 15 | 10 | CP-QPSK | H | Outer_Full | 9.326 | 10.180 | PASS |
| N30 | 15 | 10 | CP-16QAM | H | Outer_Full | 9.328 | 10.040 | PASS |
| N30 | 15 | 10 | CP-64QAM | H | Outer_Full | 9.317 | 10.180 | PASS |
| N30 | 15 | 10 | CP-256QAM | H | Outer_Full | 9.303 | 10.100 | PASS |

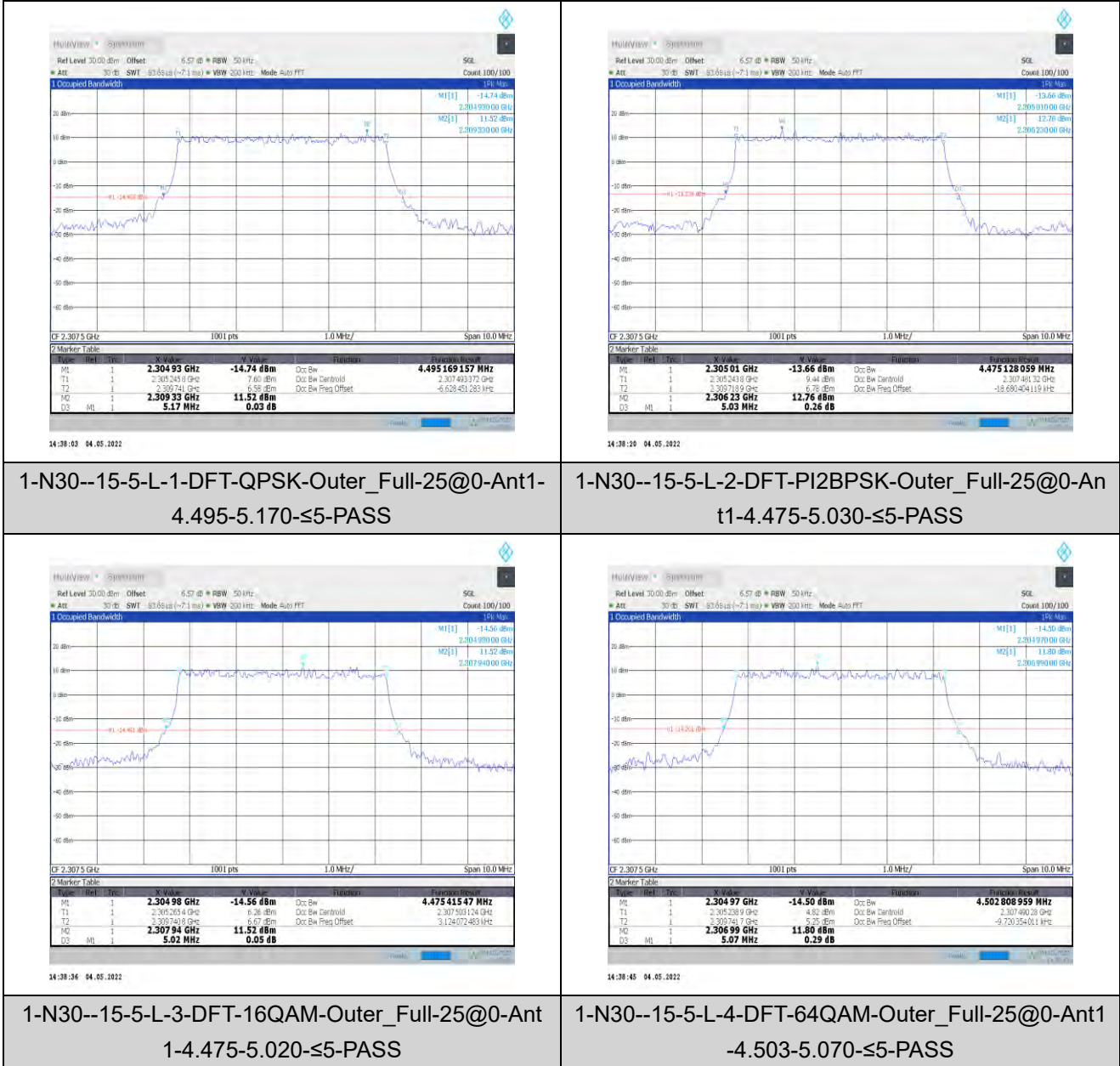


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Test Graphs



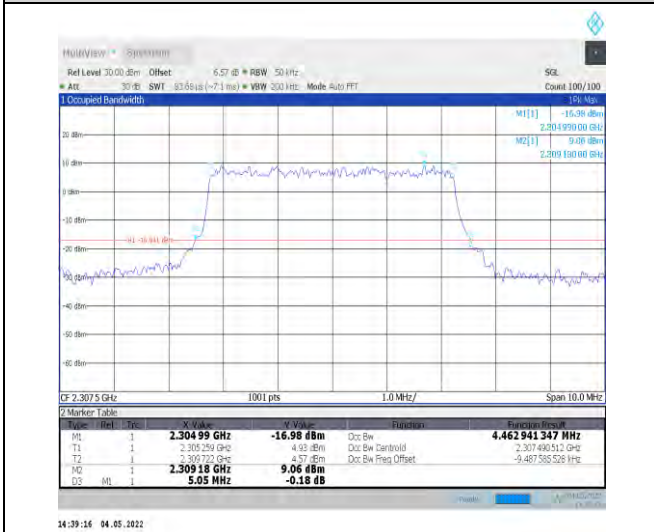
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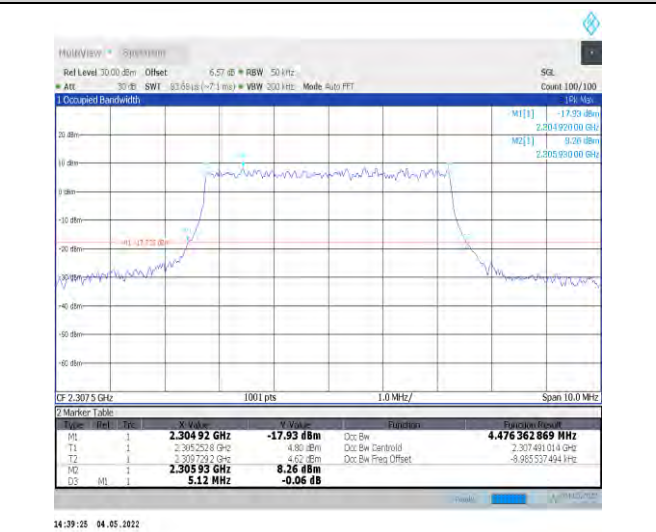
1-N30--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.473-5.050-≤5-PASS



1-N30--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.472-5.100-≤5-PASS



1-N30--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.463-5.050-≤5-PASS



1-N30--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.476-5.120-≤5-PASS



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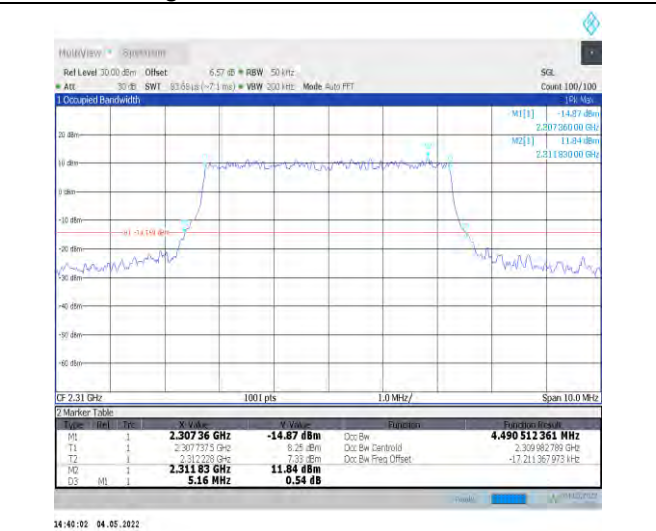
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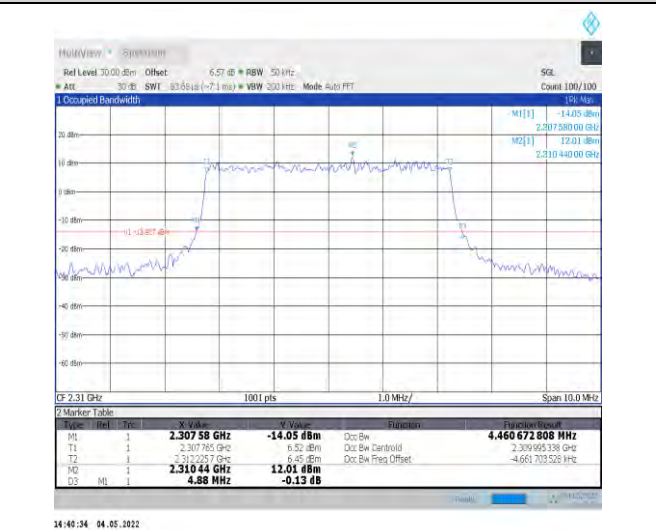
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1-4.483-5.110-≤5-PASS



1-N30--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1
4.491-5.160-≤5-PASS



1-N30--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-4.463-5.060-≤5-PASS



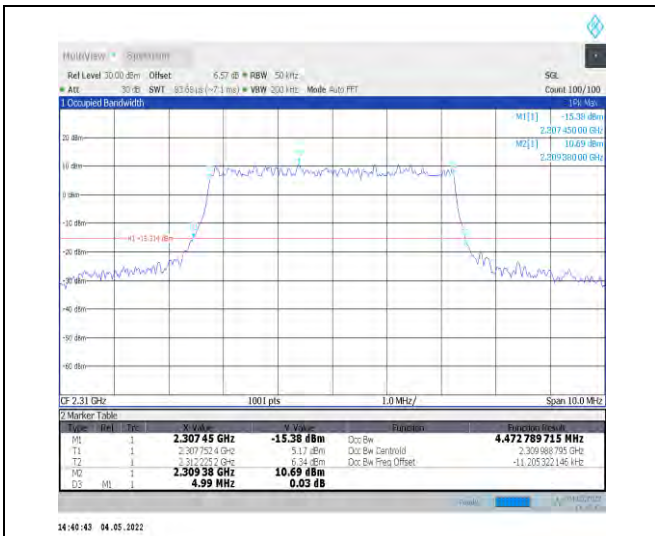
1-N30--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant
1-4.461-4.880-≤5-PASS



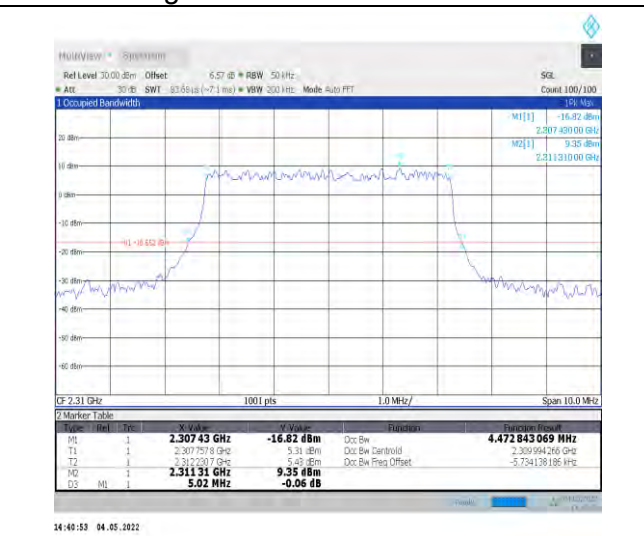
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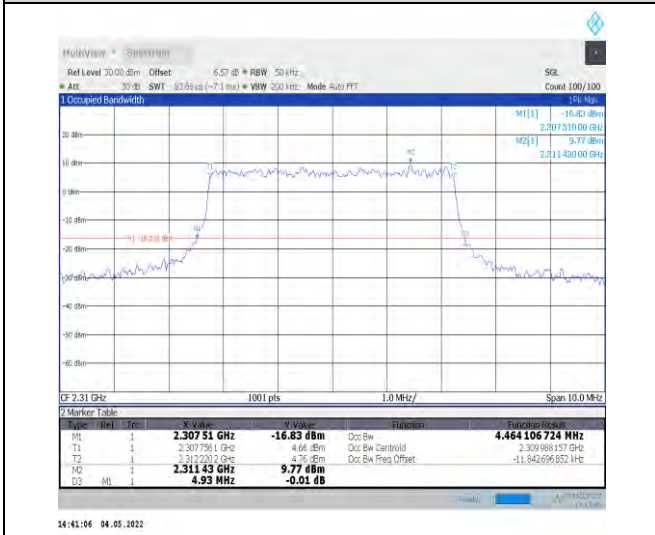
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1-N30--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant
 1-4.473-4.990-≤5-PASS



1-N30--15-5-M-5-DFT-256QAM-Outer_Full-25@0-An
 t1-4.473-5.020-≤5-PASS



1-N30--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1
 4.464-4.930-≤5-PASS

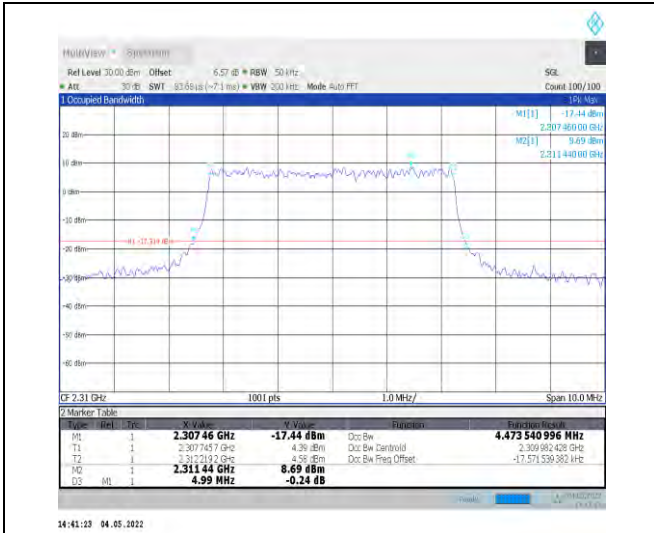


1-N30--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1
 -4.485-5.150-≤5-PASS

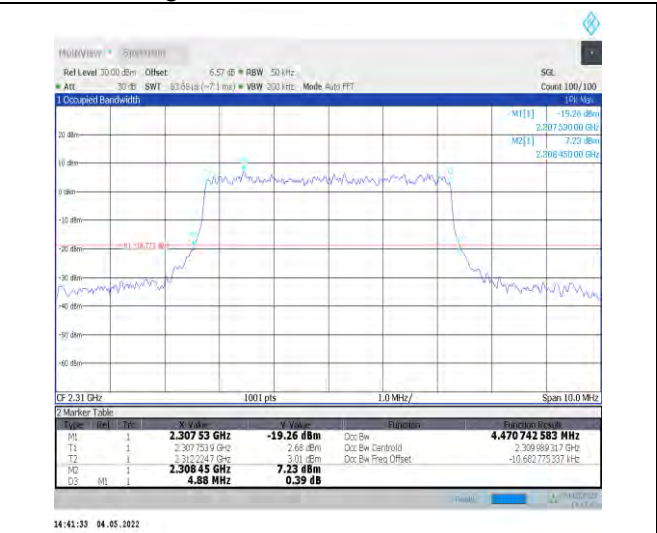


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1-N30--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1
-4.474-4.990-≤5-PASS



1-N30--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1
1-4.471-4.880-≤5-PASS



1-N30--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-
4.488-5.130-≤5-PASS



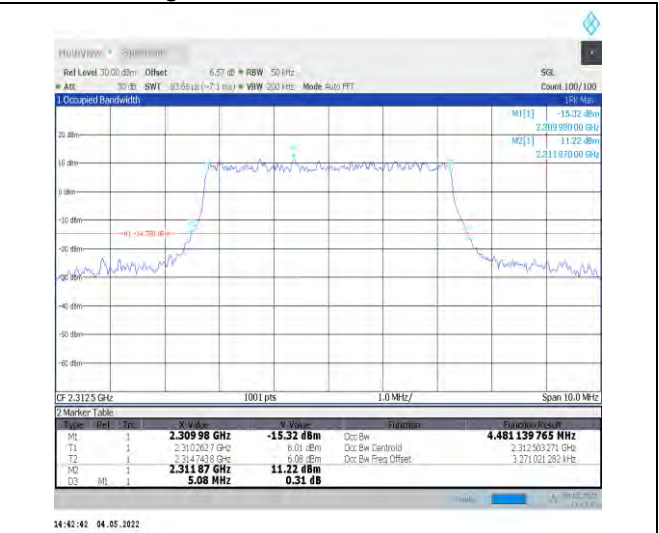
1-N30--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1
4.457-4.950-≤5-PASS



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1-N30--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant
1-4.484-5.090-≤5-PASS

1-N30--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant
1-4.481-5.080-≤5-PASS



1-N30--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant
t1-4.477-5.160-≤5-PASS

1-N30--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4
.47-5.050-≤5-PASS



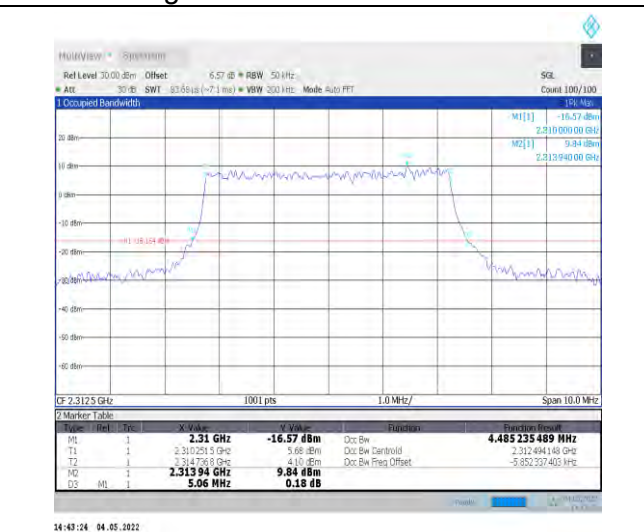
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1-N30--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1
 -4.482-5.100-≤5-PASS



1-N30--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1
 4.485-5.060-≤5-PASS



1-N30--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant
 1-4.469-5.070-≤5-PASS

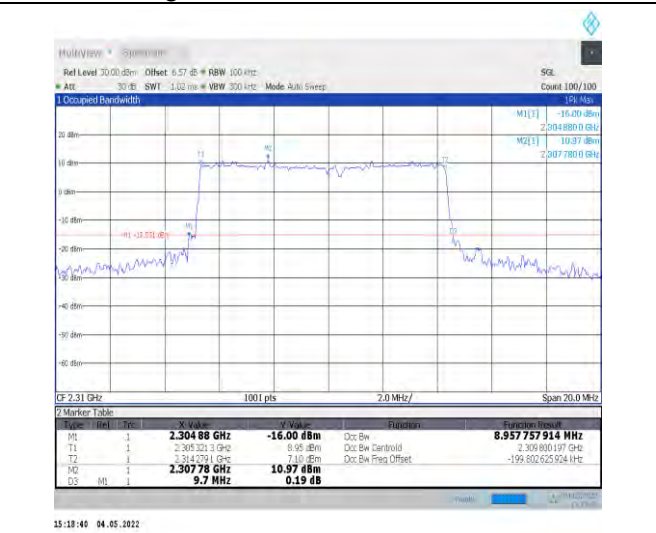


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 -8.922-9.680-≤10-PASS

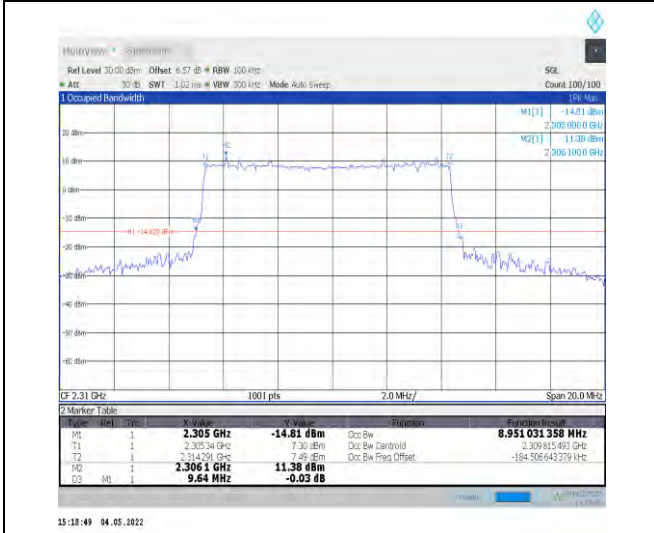




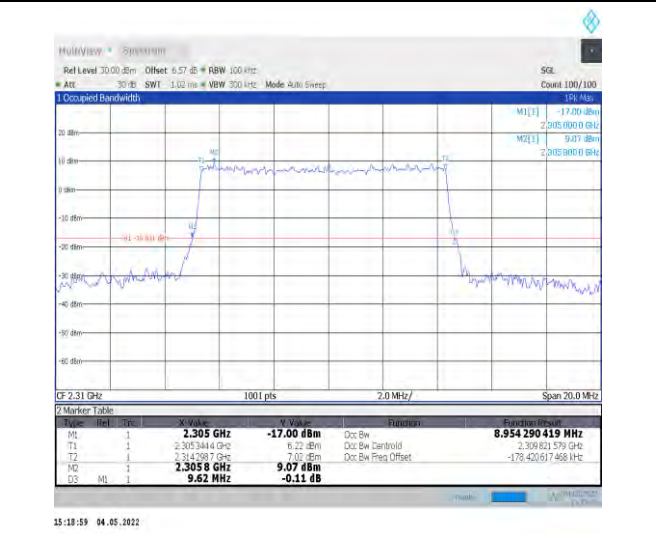
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nt1-8.937-9.860-≤10-PASS



1-N30--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant
1-8.958-9.700-≤10-PASS



1-N30--15-10-L-4-DFT-64QAM-Outer_Full-50@0-An
t1-8.951-9.640-≤10-PASS



1-N30--15-10-L-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.954-9.620-≤10-PASS



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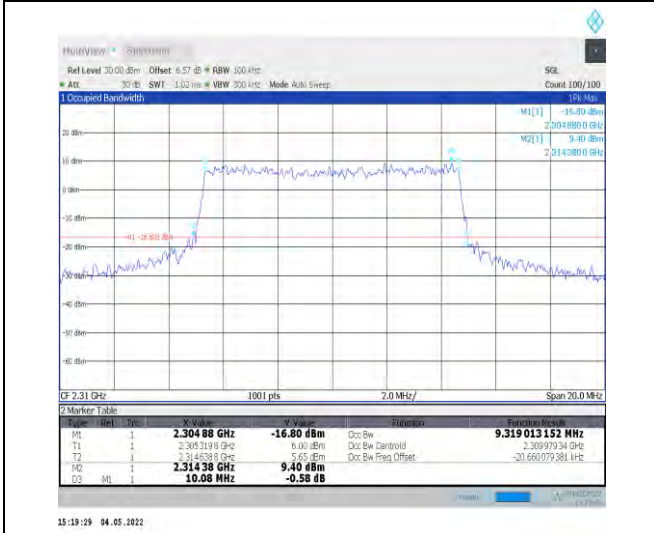
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1-N30--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.321-10.220-≤10-PASS



1-N30--15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.308-10.120-≤10-PASS



1-N30--15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.319-10.080-≤10-PASS



1-N30--15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.313-10.100-≤10-PASS



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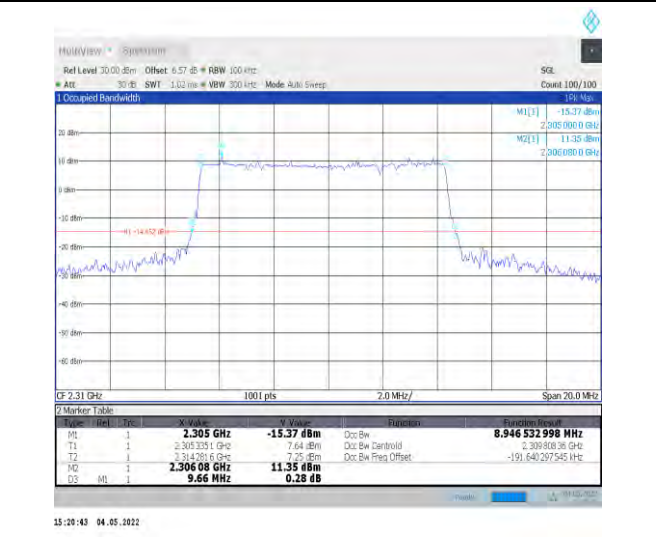
1-N30--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant
1-8.933-9.620-≤10-PASS



1-N30--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.919-9.360-≤10-PASS



1-N30--15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.962-9.540-≤10-PASS



1-N30--15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.947-9.660-≤10-PASS

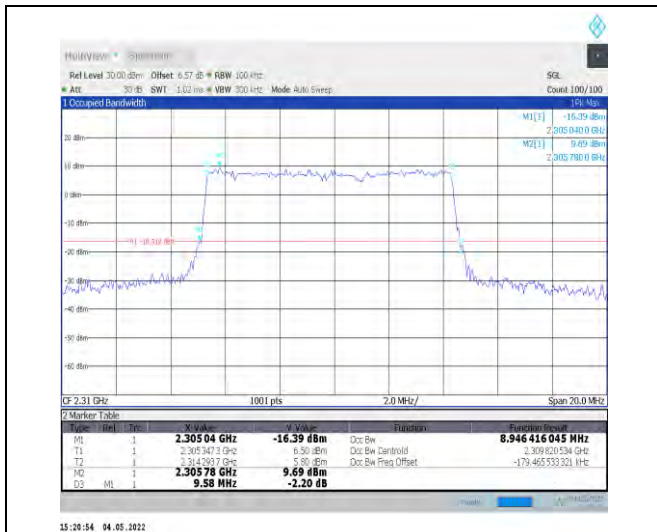


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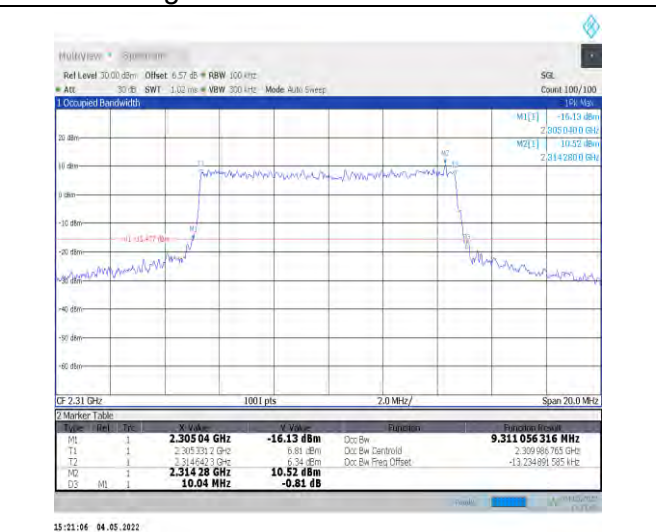
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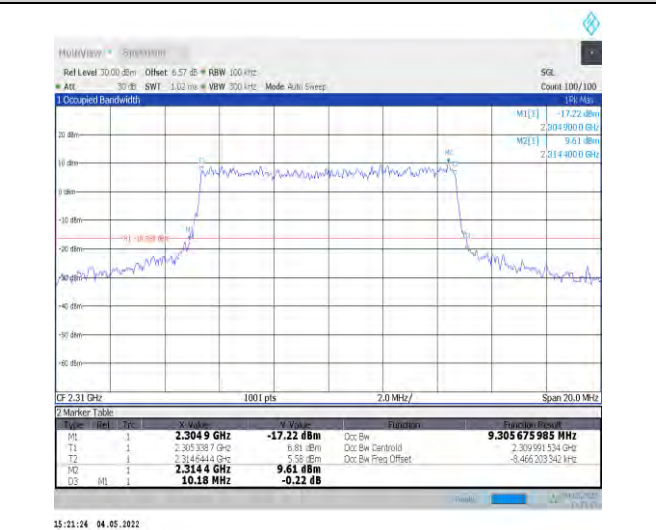
1-N30--15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.946-9.580-≤10-PASS



1-N30--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.311-10.040-≤10-PASS



1-N30--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.312-10.020-≤10-PASS



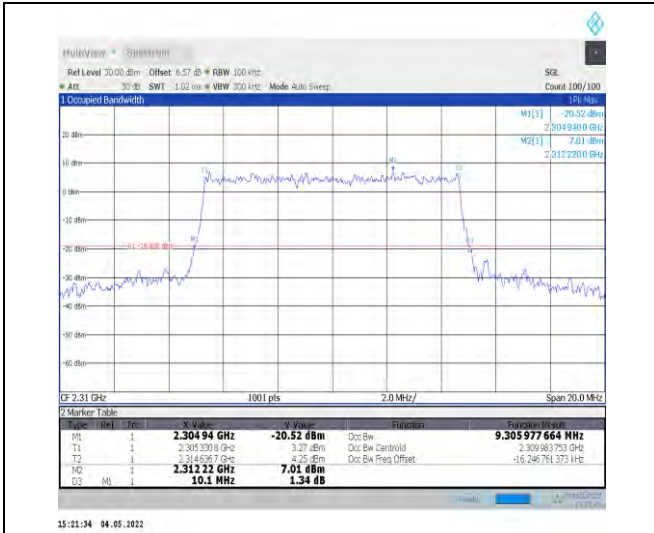
1-N30--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.306-10.180-≤10-PASS



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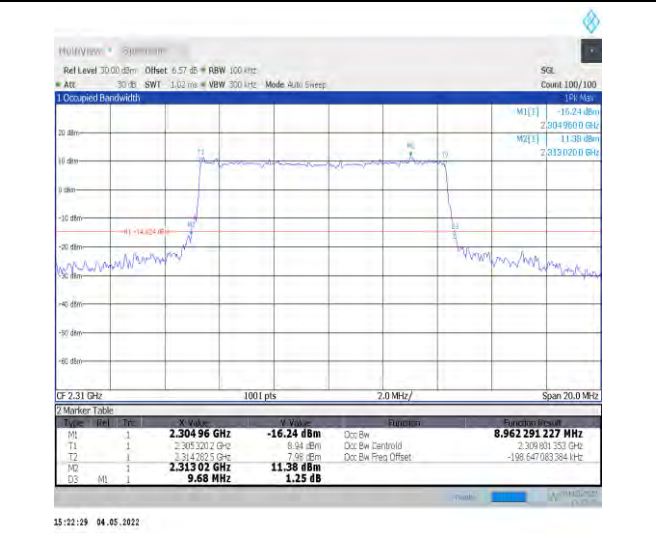
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1-N30--15-10-M-9-CP-256QAM-Outer_Full-52@0-A
nt1-9.306-10.100-≤10-PASS

1-N30--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant
1-8.965-9.580-≤10-PASS



1-N30--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
Ant1-8.945-9.780-≤10-PASS

1-N30--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant
t1-8.962-9.680-≤10-PASS

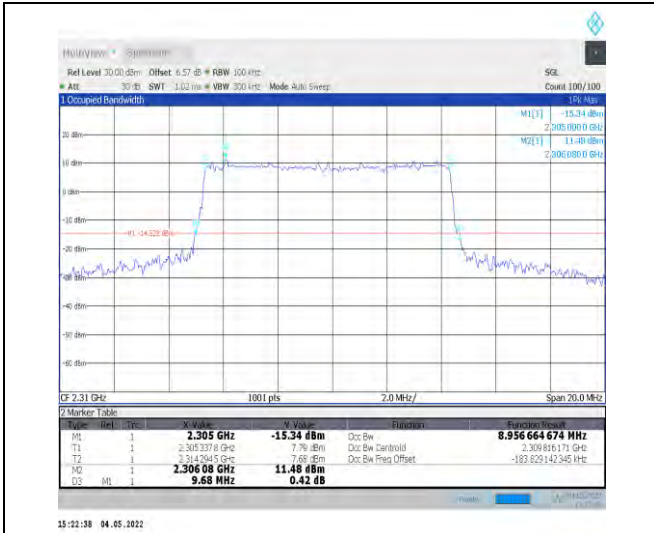


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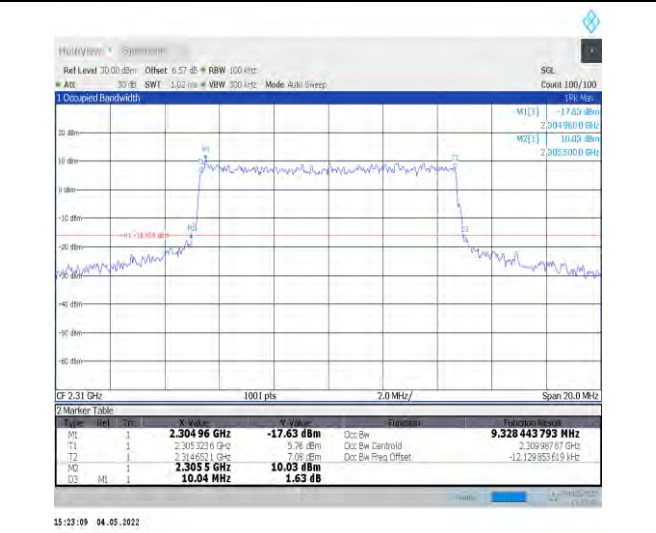
1-N30--15-10-H-4-DFT-64QAM-Outer_Full-50@0-An
t1-8.957-9.680-≤10-PASS



1-N30--15-10-H-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.955-9.580-≤10-PASS



1-N30--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-
9.326-10.180-≤10-PASS



1-N30--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant
1-9.328-10.040-≤10-PASS





1-N30--15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant
1-9.317-10.180-≤10-PASS

1-N30--15-10-H-9-CP-256QAM-Outer_Full-52@0-An
t1-9.303-10.100-≤10-PASS

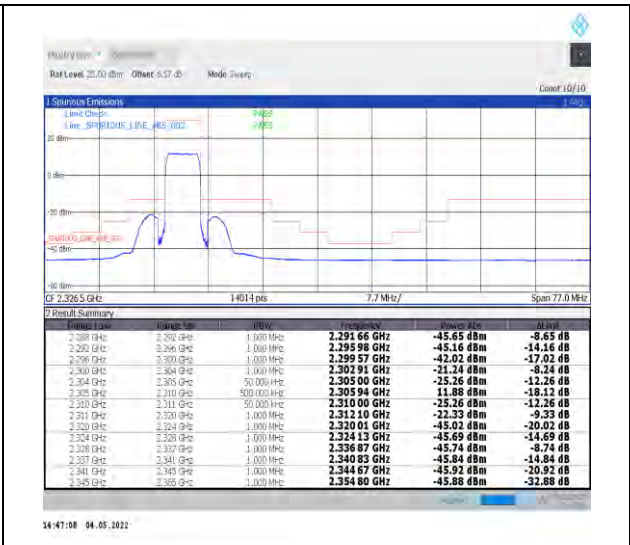
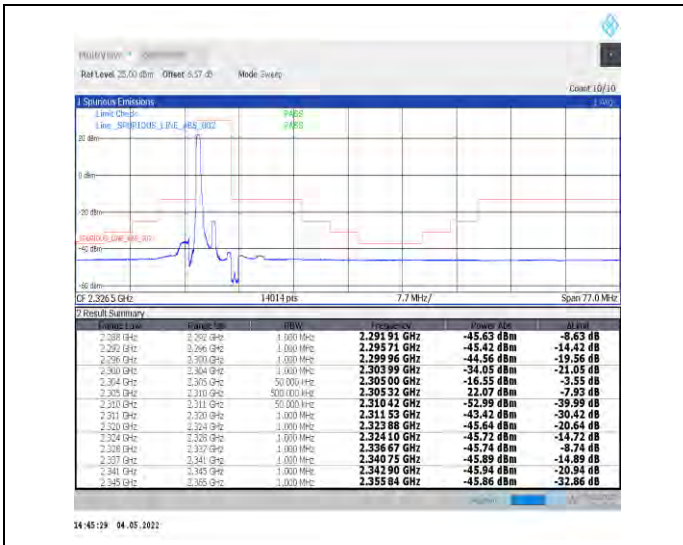


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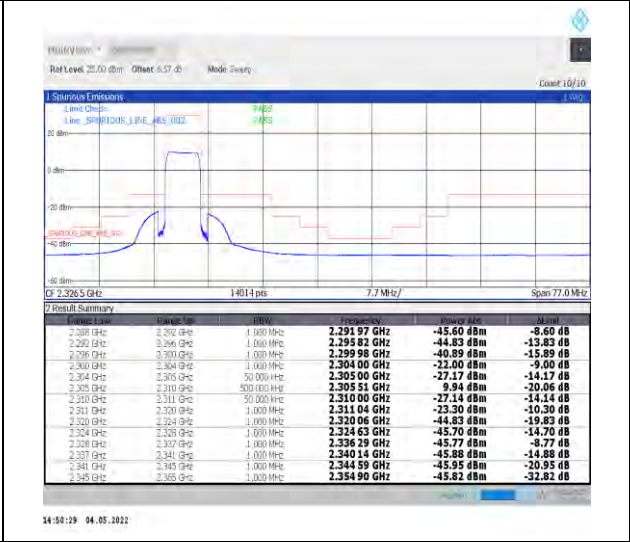
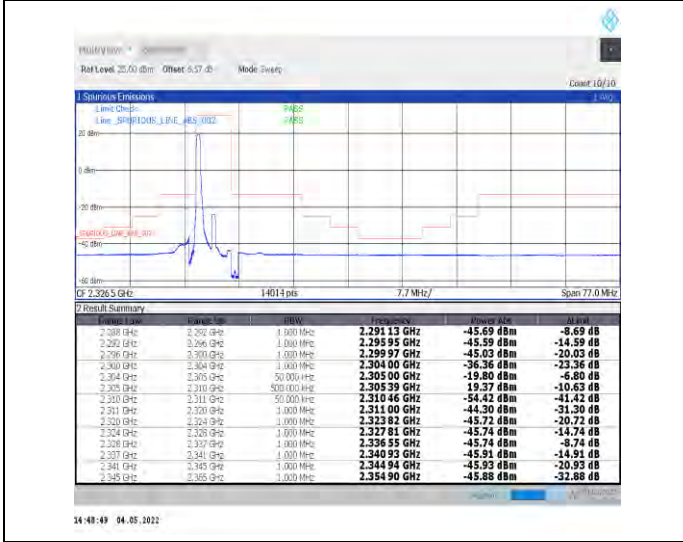
Band Edge for SA

Test Graphs



1-N30--15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N30--15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-PASS-see graph



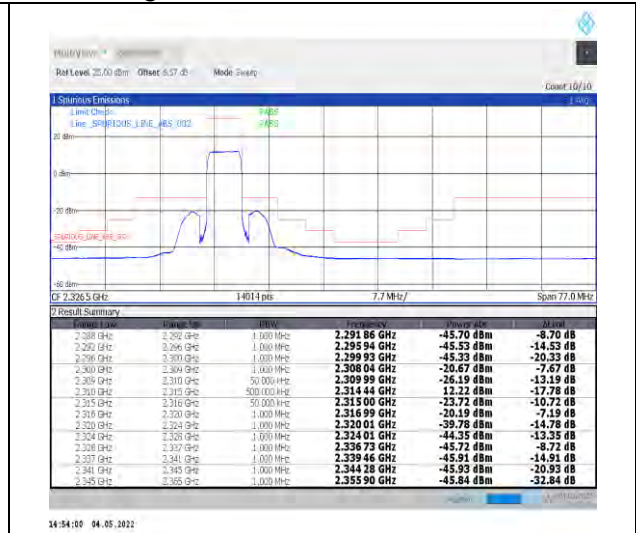
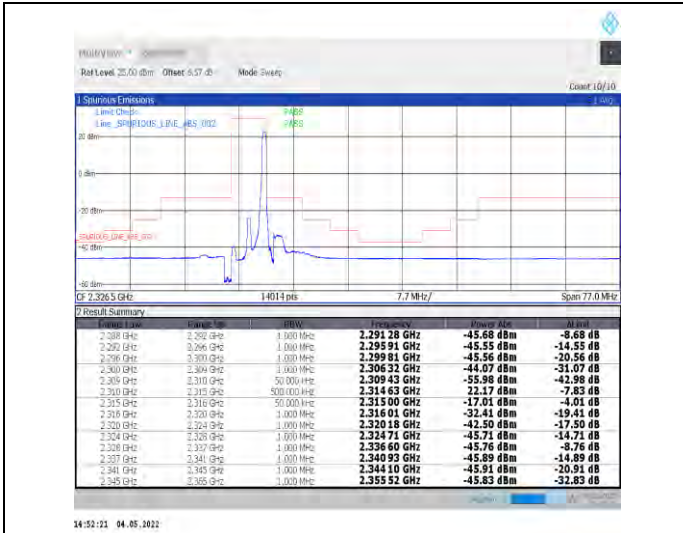
1-N30--15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N30--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-PASS-see graph



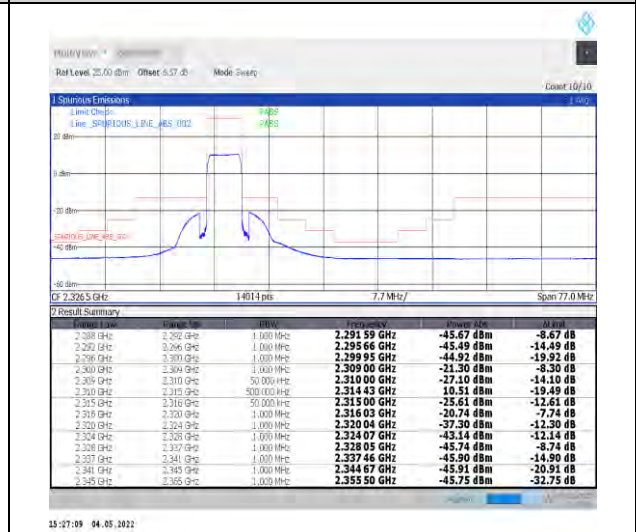
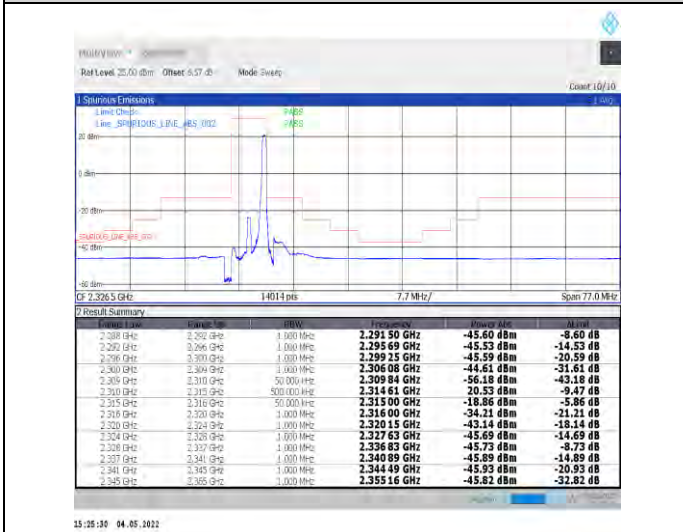
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1-N30--15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
 4-Ant1-PASS-see graph

1-N30--15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0
 -Ant1-PASS-see graph



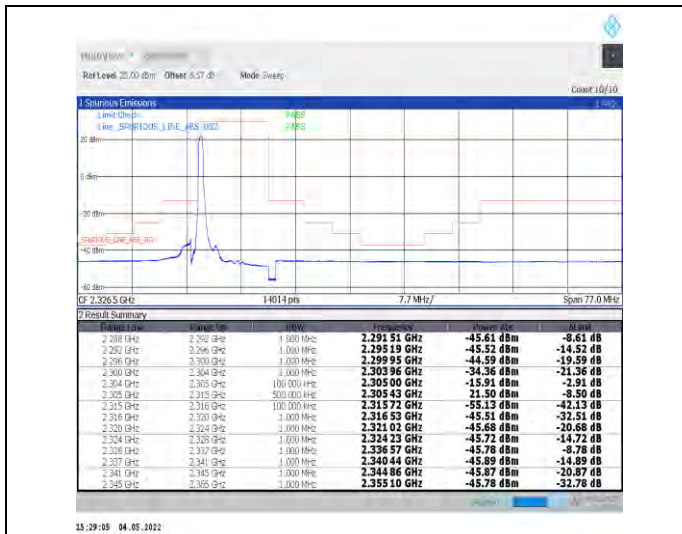
1-N30--15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-A
 nt1-PASS-see graph

1-N30--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant
 1-PASS-see graph

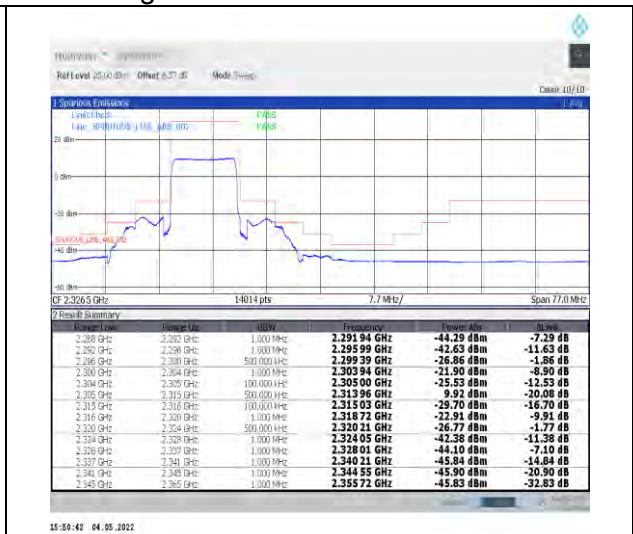


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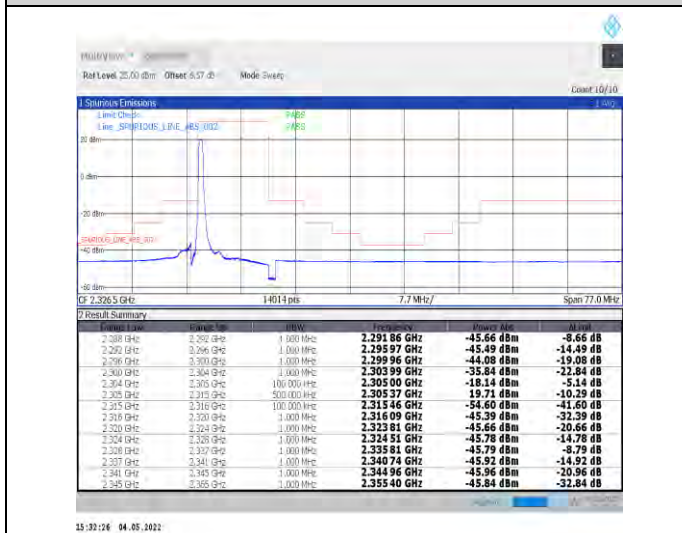
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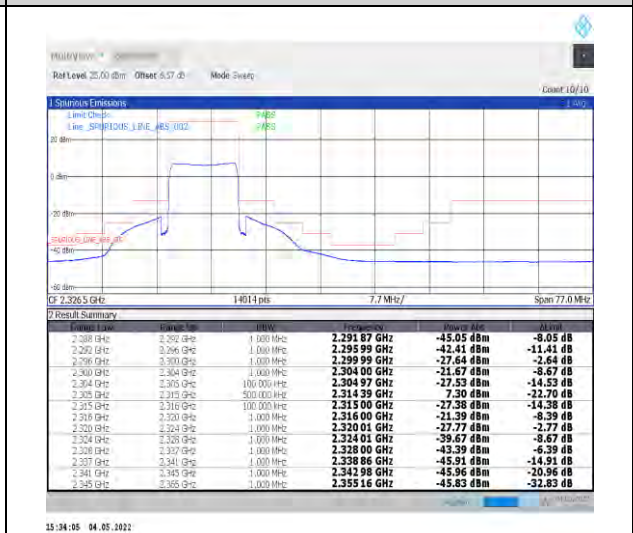
1-N30--15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



1-N30--15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS-see graph



1-N30--15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



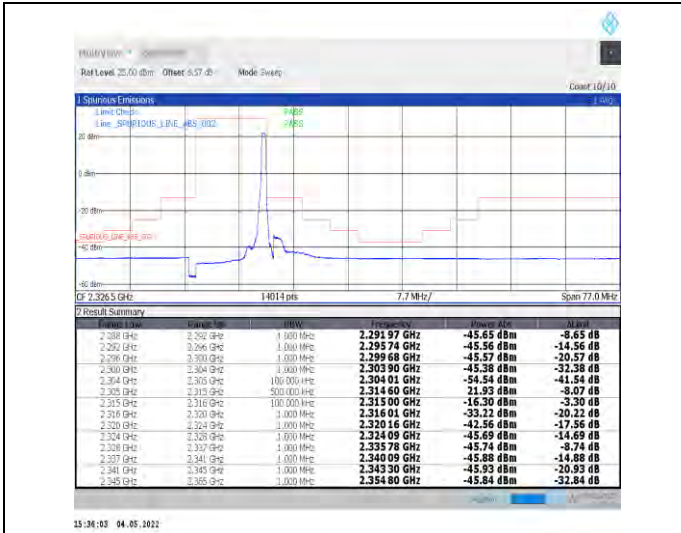
1-N30--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS-see graph



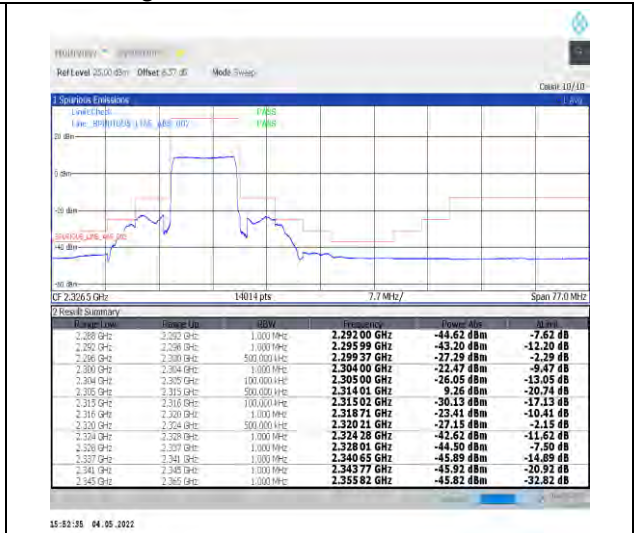
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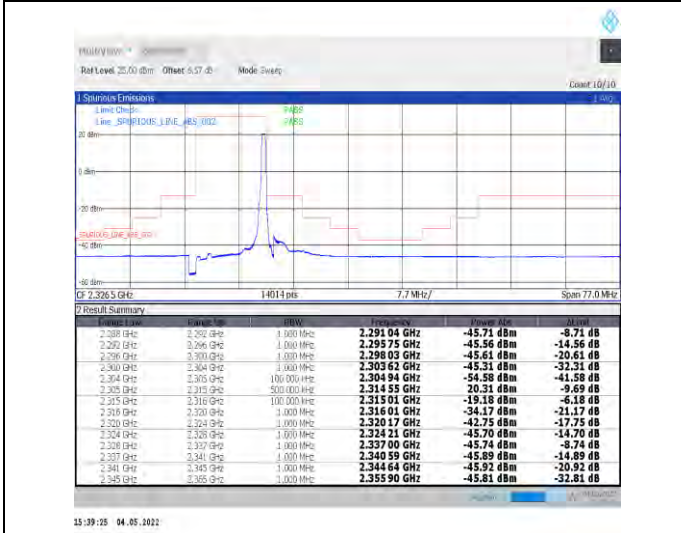
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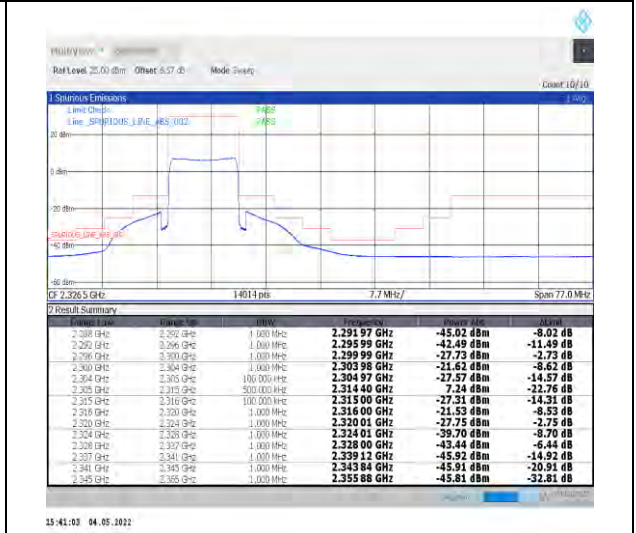
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1-N30--15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS-see graph



1-N30--15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-PASS-see graph



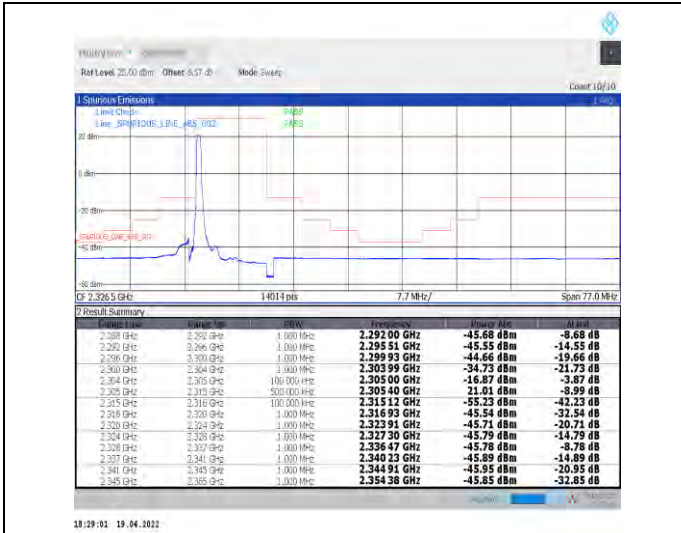
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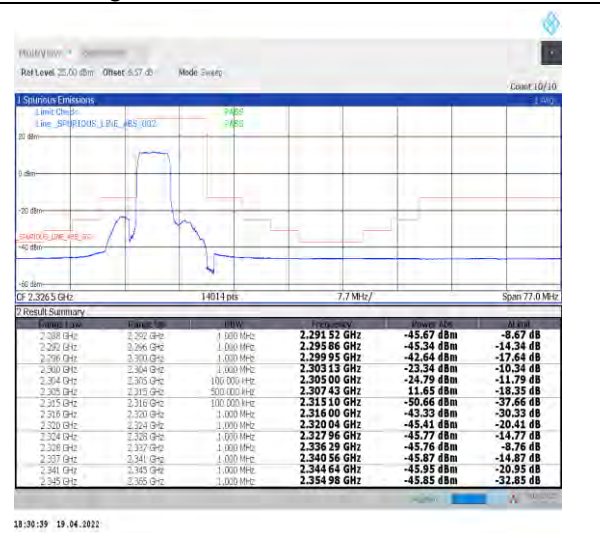
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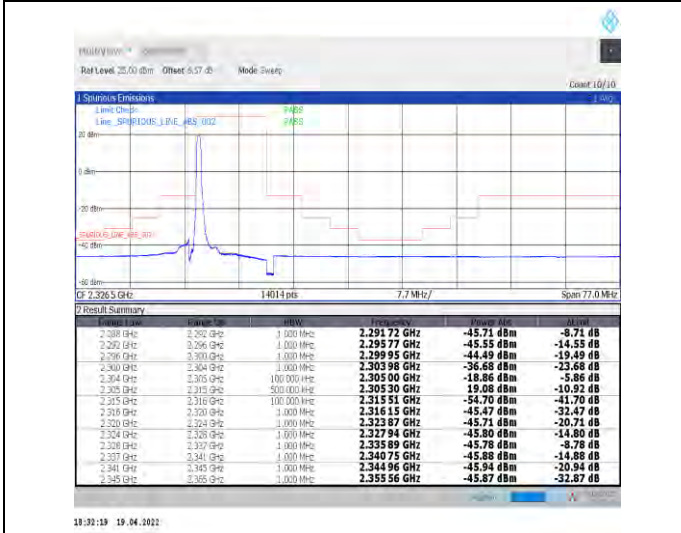
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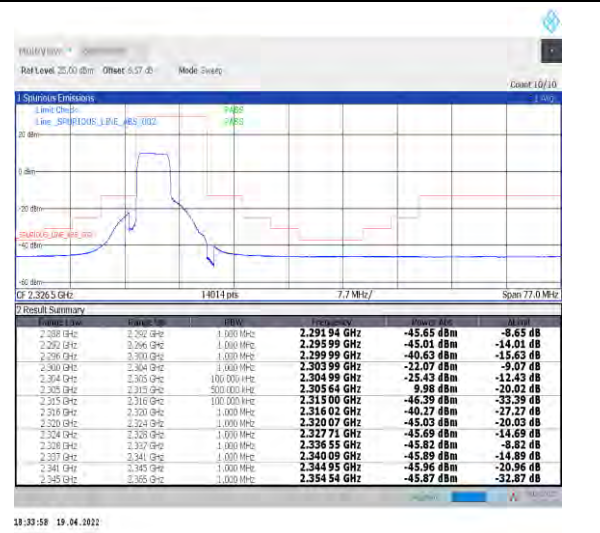
1-N30--30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



1-N30--30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-PASS-see graph



1-N30--30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



1-N30--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph



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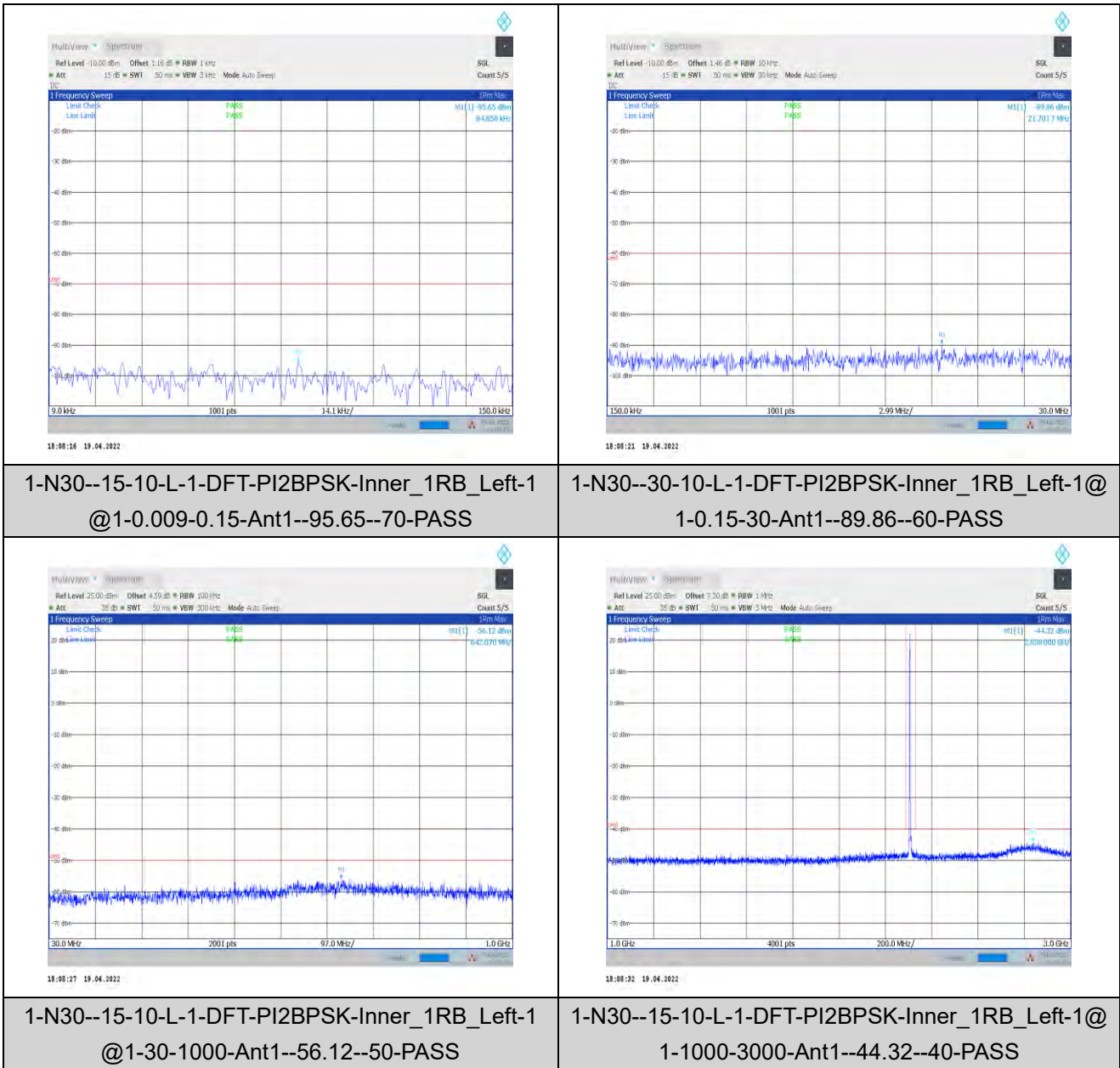
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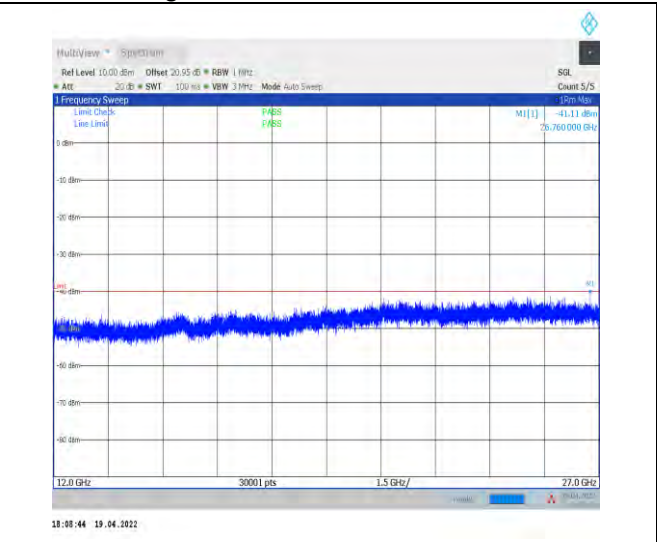
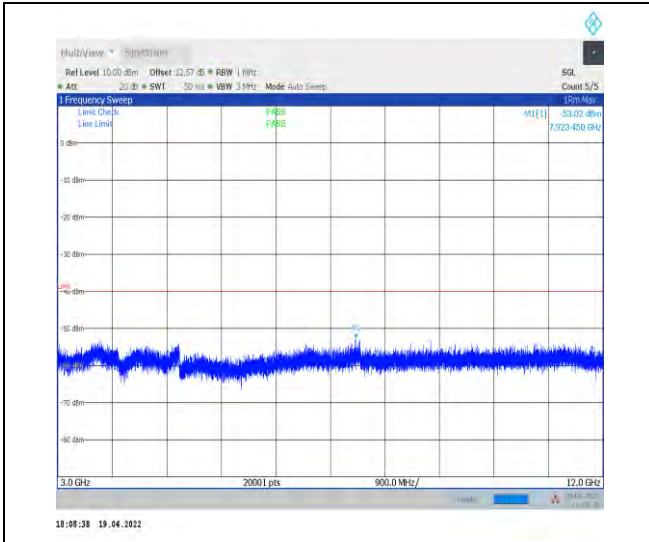
Test Graphs



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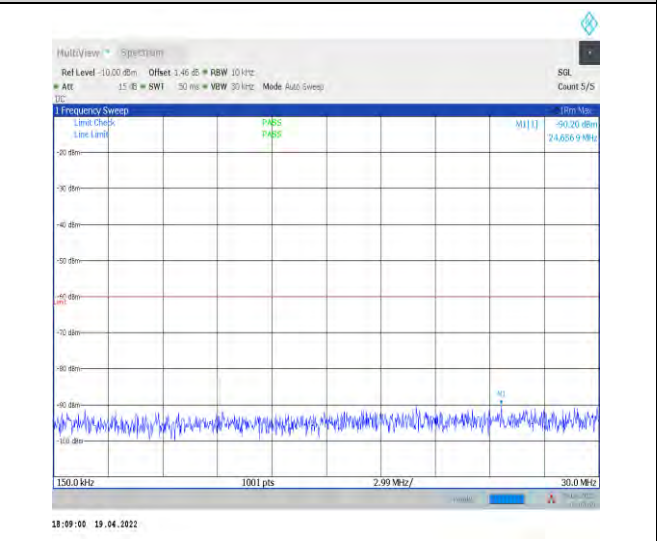
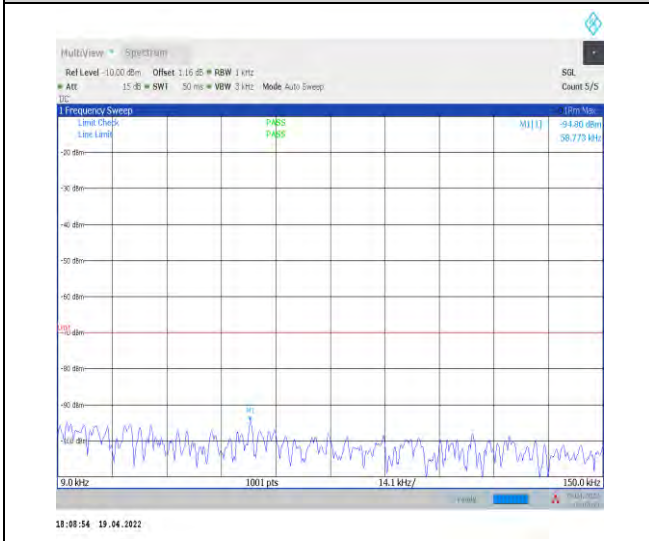
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1-N30--30-15-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-3000-12000-Ant1--53.02--40-PASS

1-N30--15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-12000-27000-Ant1--41.11--40-PASS



1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-0.009-0.15-Ant1--94.80--70-PASS

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-0.15-30-Ant1--90.20--60-PASS

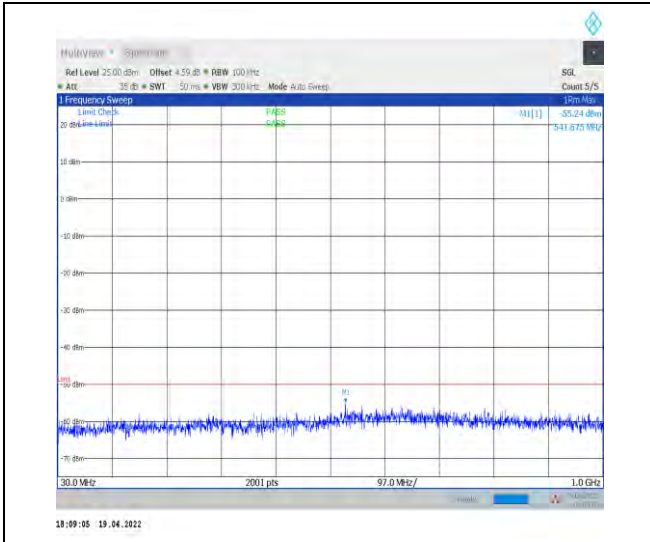


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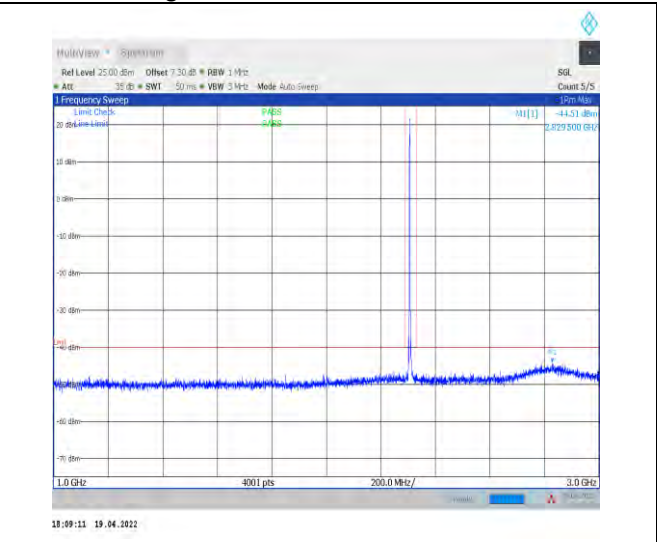
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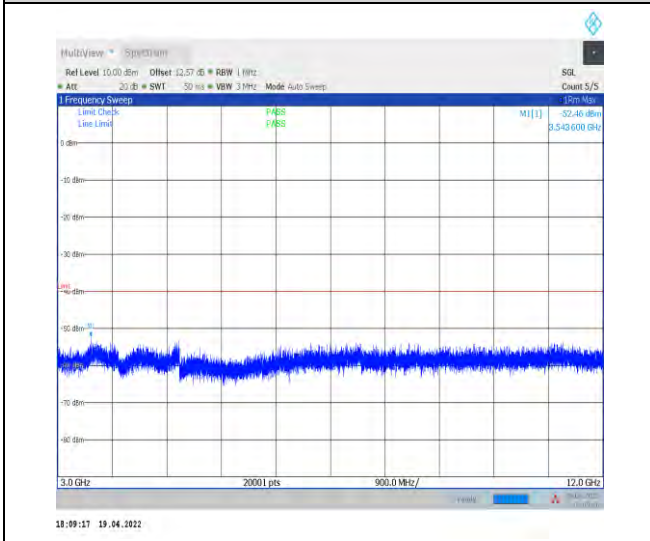
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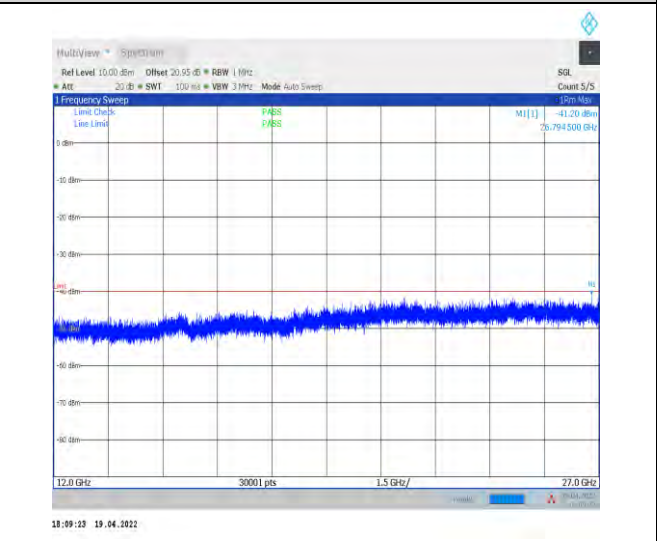
1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant1--55.24--50-PASS



1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant1--44.51--40-PASS

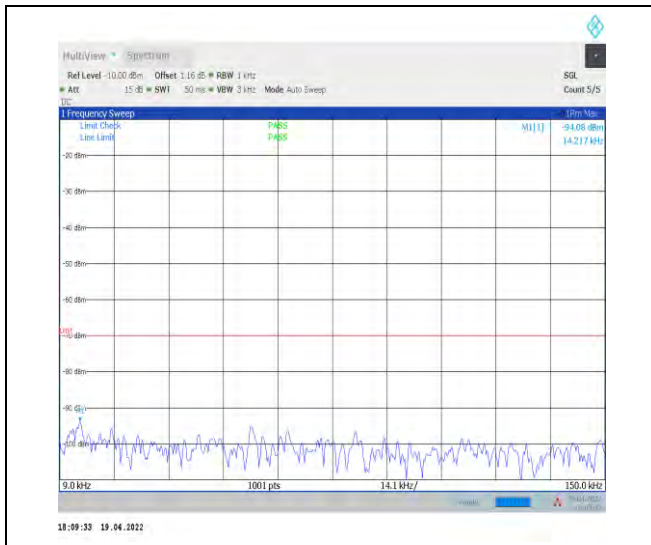


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@1-3000-12000-Ant1--52.46--40-PASS

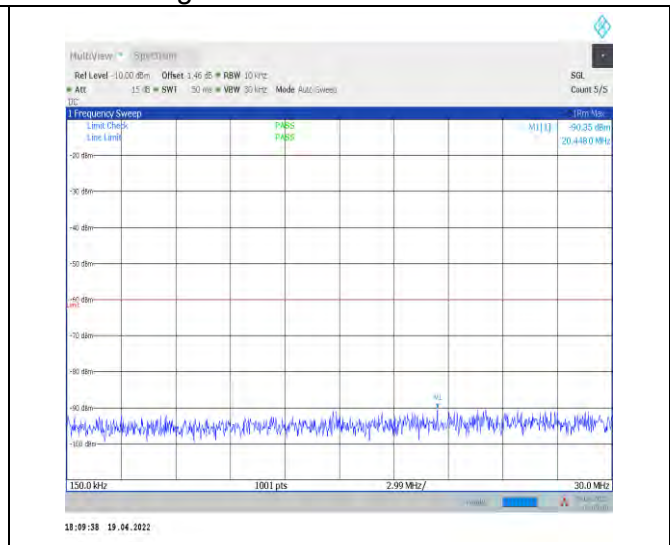


1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant1--41.20--40-PASS

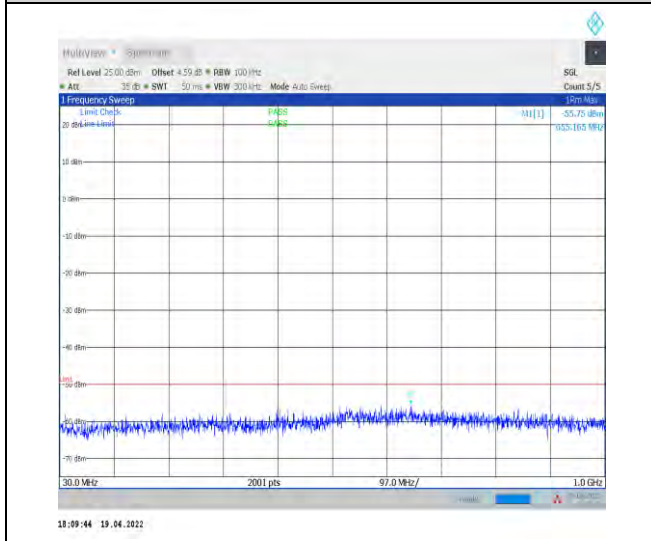




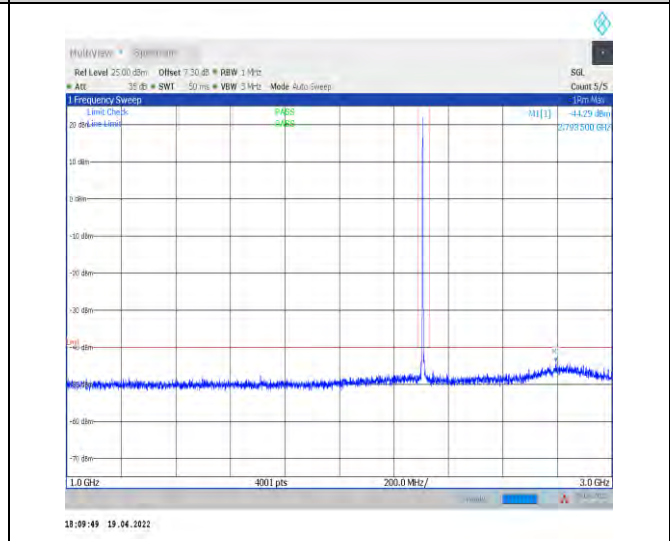
1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant1--94.08--70-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1--90.35--60-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant1--55.75--50-PASS



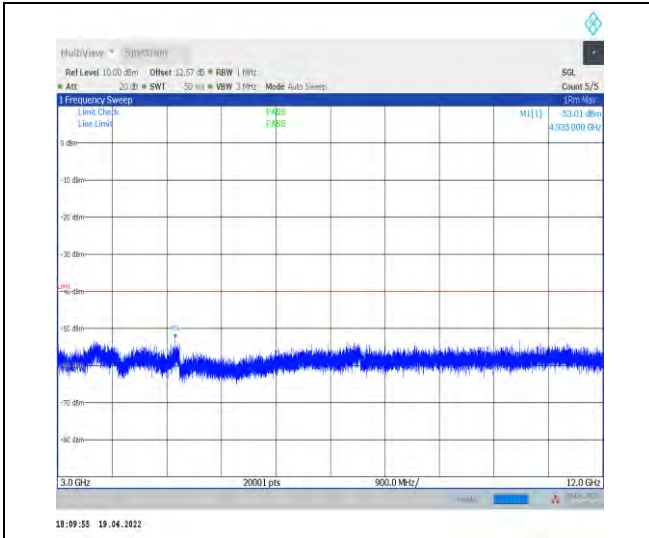
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@1-1000-3000-Ant1--44.29--40-PASS



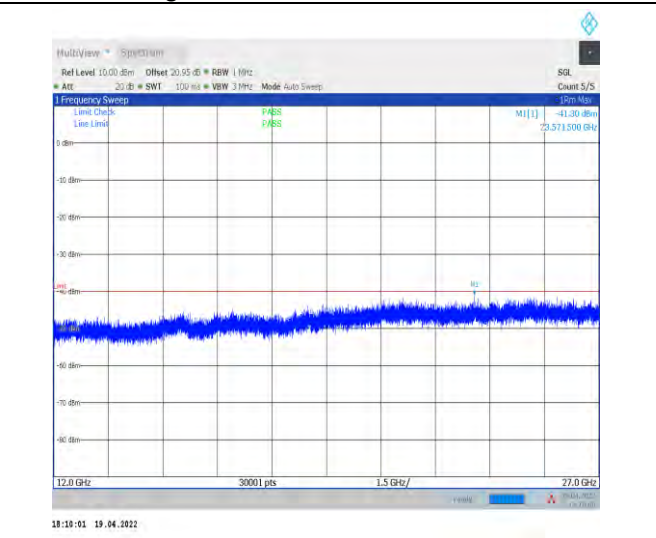
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1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1--53.01--40-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant1--41.30--40-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 30 BW 10M_ 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 | 4611.18 | 50.73 | -108.05 | -57.32 | -40.00 | 17.32 | 263 | 96 | Horizontal |
| 2 | 6916.77 | 47.76 | -101.68 | -53.92 | -40.00 | 13.92 | 251 | 263 | Horizontal |
| 3 | 9222.36 | 46.21 | -95.08 | -48.87 | -40.00 | 8.87 | 142 | 241 | Horizontal |
| 4 | 11527.95 | 42.88 | -91.44 | -48.56 | -40.00 | 8.56 | 266 | 357 | Horizontal |
| 5 | 13833.54 | 42.16 | -90.03 | -47.87 | -40.00 | 7.87 | 244 | 144 | Horizontal |
| 6 | 16139.13 | 41.92 | -90.60 | -48.68 | -40.00 | 8.68 | 265 | 302 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4611.18 | 49.14 | -108.05 | -58.91 | -40.00 | 18.91 | 263 | 1 | Vertical |
| 2 | 6916.77 | 49.70 | -101.68 | -51.98 | -40.00 | 11.98 | 251 | 0 | Vertical |
| 3 | 9222.36 | 47.06 | -95.08 | -48.02 | -40.00 | 8.02 | 142 | 278 | Vertical |
| 4 | 11527.95 | 42.64 | -91.44 | -48.80 | -40.00 | 8.80 | 284 | 7 | Vertical |
| 5 | 13833.54 | 43.32 | -90.03 | -46.71 | -40.00 | 6.71 | 176 | 81 | Vertical |
| 6 | 16139.13 | 42.40 | -90.60 | -48.20 | -40.00 | 8.20 | 265 | 302 | Vertical |



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Test Band = SA Band 30 BW 5M_ 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 | 4610.68 | 52.55 | -108.05 | -55.50 | -40.00 | 15.50 | 163 | 161 | Horizontal |
| 2 | 6916.02 | 48.52 | -101.68 | -53.16 | -40.00 | 13.16 | 251 | 185 | Horizontal |
| 3 | 9221.36 | 46.72 | -95.08 | -48.36 | -40.00 | 8.36 | 174 | 104 | Horizontal |
| 4 | 11526.7 | 42.18 | -91.44 | -49.26 | -40.00 | 9.26 | 186 | 115 | Horizontal |
| 5 | 13832.04 | 42.32 | -90.05 | -47.73 | -40.00 | 7.73 | 265 | 151 | Horizontal |
| 6 | 16137.38 | 43.17 | -90.62 | -47.45 | -40.00 | 7.45 | 244 | 209 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4610.68 | 51.43 | -108.05 | -56.62 | -40.00 | 16.62 | 163 | 348 | Vertical |
| 2 | 6916.02 | 47.81 | -101.68 | -53.87 | -40.00 | 13.87 | 284 | 7 | Vertical |
| 3 | 9221.36 | 46.94 | -95.08 | -48.14 | -40.00 | 8.14 | 176 | 337 | Vertical |
| 4 | 11526.7 | 42.28 | -91.44 | -49.16 | -40.00 | 9.16 | 255 | 348 | Vertical |
| 5 | 13832.04 | 42.67 | -90.05 | -47.38 | -40.00 | 7.38 | 144 | 0 | Vertical |
| 6 | 16137.38 | 42.17 | -90.62 | -48.45 | -40.00 | 8.45 | 177 | 326 | Vertical |



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Test Band = SA Band 30 BW 5M_ 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 | 4615.68 | 51.22 | -108.03 | -56.81 | -40.00 | 16.81 | 263 | 234 | Horizontal |
| 2 | 6923.52 | 49.49 | -101.68 | -52.19 | -40.00 | 12.19 | 241 | 44 | Horizontal |
| 3 | 9231.36 | 47.60 | -95.08 | -47.48 | -40.00 | 7.48 | 176 | 22 | Horizontal |
| 4 | 11539.2 | 41.65 | -91.51 | -49.86 | -40.00 | 9.86 | 284 | 326 | Horizontal |
| 5 | 13847.04 | 42.05 | -89.92 | -47.87 | -40.00 | 7.87 | 176 | 326 | Horizontal |
| 6 | 16154.88 | 41.95 | -90.46 | -48.51 | -40.00 | 8.51 | 254 | 7 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4615.68 | 49.75 | -108.03 | -58.28 | -40.00 | 18.28 | 263 | 47 | Vertical |
| 2 | 6923.52 | 49.50 | -101.68 | -52.18 | -40.00 | 12.18 | 251 | 117 | Vertical |
| 3 | 9231.36 | 46.68 | -95.08 | -48.40 | -40.00 | 8.40 | 174 | 314 | Vertical |
| 4 | 11539.2 | 41.11 | -91.51 | -50.40 | -40.00 | 10.40 | 186 | 349 | Vertical |
| 5 | 13847.04 | 42.34 | -89.92 | -47.58 | -40.00 | 7.58 | 254 | 57 | Vertical |
| 6 | 16154.88 | 42.59 | -90.46 | -47.87 | -40.00 | 7.87 | 144 | 35 | Vertical |



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Test Band = SA Band 30 BW 5M_ 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 | 4620.68 | 49.99 | -108.00 | -58.01 | -40.00 | 18.01 | 142 | 44 | Horizontal |
| 2 | 6931.02 | 49.21 | -101.68 | -52.47 | -40.00 | 12.47 | 263 | 196 | Horizontal |
| 3 | 9241.32 | 47.16 | -95.08 | -47.92 | -40.00 | 7.92 | 286 | 303 | Horizontal |
| 4 | 11551.7 | 42.07 | -91.59 | -49.52 | -40.00 | 9.52 | 241 | 44 | Horizontal |
| 5 | 13862.04 | 41.09 | -89.78 | -48.69 | -40.00 | 8.69 | 177 | 44 | Horizontal |
| 6 | 16172.38 | 43.03 | -90.28 | -47.25 | -40.00 | 7.25 | 266 | 92 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4620.68 | 49.40 | -108.00 | -58.60 | -40.00 | 18.60 | 142 | 14 | Vertical |
| 2 | 6931.02 | 47.89 | -101.68 | -53.79 | -40.00 | 13.79 | 263 | 14 | Vertical |
| 3 | 9241.32 | 48.85 | -95.08 | -46.23 | -40.00 | 6.23 | 286 | 209 | Vertical |
| 4 | 11551.7 | 41.27 | -91.59 | -50.32 | -40.00 | 10.32 | 241 | 245 | Vertical |
| 5 | 13862.04 | 42.08 | -89.78 | -47.70 | -40.00 | 7.70 | 177 | 0 | Vertical |
| 6 | 16172.38 | 41.98 | -90.28 | -48.30 | -40.00 | 8.30 | 261 | 245 | 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 |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | VH | NT | 3.100000 | 0.001342 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | VN | NT | 3.400000 | 0.001472 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | VL | NT | -1.400000 | -0.000606 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | VH | NT | -2.500000 | -0.001082 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | VN | NT | 2.000000 | 0.000866 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | VL | NT | -3.400000 | -0.001472 | PASS |



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Report No.: SEWA2204000008RG02

Rev.: 01

Page: 45 of 45

Frequency Error VS. Temperature

| Voltage | | | | | | | | | | |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | -30 | 10.500000 | 0.004545 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | -20 | 9.300000 | 0.004026 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | -10 | 2.400000 | 0.001039 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | 0 | 1.700000 | 0.000736 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | 10 | 12.300000 | 0.005325 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | 20 | 2.500000 | 0.001082 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | 30 | 10.400000 | 0.004502 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | 40 | 6.300000 | 0.002727 | PASS |
| N30 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | NV | 50 | 1.400000 | 0.000606 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | -30 | 3.800000 | 0.001645 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | -20 | -0.700000 | -0.000303 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | -10 | 4.700000 | 0.002035 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | 0 | 4.700000 | 0.002035 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | 10 | 0.800000 | 0.000346 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | 20 | 0.300000 | 0.000130 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | 30 | 1.600000 | 0.000693 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | 40 | 5.600000 | 0.002424 | PASS |
| N30 | 30 | 10 | CP-QPSK | M | Outer_Full | NV | 50 | 5.500000 | 0.002381 | PASS |

The End



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