



# Appendix B

## E-UTRA Band 5



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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 22.39                | 15.34     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 22.46                | 15.41     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 22.40                | 15.35     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 22.46                | 15.41     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 22.46                | 15.41     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 22.41                | 15.36     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 21.43                | 14.38     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 22.48                | 15.43     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 22.42                | 15.37     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 22.35                | 15.30     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 22.41                | 15.36     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 22.42                | 15.37     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 22.39                | 15.34     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 21.35                | 14.30     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 22.54                | 15.49     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 22.50                | 15.45     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 22.51                | 15.46     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 22.52                | 15.47     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 22.57                | 15.52     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 22.55                | 15.50     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 21.50                | 14.45     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | 20.56                | 13.51     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#2            | 20.61                | 13.56     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#5            | 20.64                | 13.59     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#0            | 20.27                | 13.22     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#1            | 20.29                | 13.24     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#3            | 20.35                | 13.30     | 38.45       | PASS    |



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|       |        |       |       |       |       |       |       |      |
|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 19.38 | 12.33 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 20.65 | 13.60 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 20.25 | 13.20 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 20.25 | 13.20 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 20.24 | 13.19 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 19.32 | 12.27 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 20.74 | 13.69 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 20.68 | 13.63 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 20.27 | 13.22 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 20.36 | 13.31 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 20.37 | 13.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 19.48 | 12.43 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 21.73 | 14.68 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 21.78 | 14.73 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 21.76 | 14.71 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 21.43 | 14.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 21.47 | 14.42 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 21.46 | 14.41 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 21.71 | 14.66 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 21.75 | 14.70 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 21.68 | 14.63 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 21.41 | 14.36 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 20.43 | 13.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 21.74 | 14.69 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 21.87 | 14.82 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 21.84 | 14.79 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 21.47 | 14.42 | 38.45 | PASS |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.55 | 14.50 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.48 | 14.43 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 20.62 | 13.57 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 22.47 | 15.42 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 22.54 | 15.49 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 22.42 | 15.37 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 21.49 | 14.44 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 21.52 | 14.47 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 21.48 | 14.43 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 21.49 | 14.44 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 22.56 | 15.51 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 22.53 | 15.48 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 22.47 | 15.42 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 21.42 | 14.37 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 21.45 | 14.40 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 21.41 | 14.36 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 22.54 | 15.49 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 22.59 | 15.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 22.61 | 15.56 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 21.54 | 14.49 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 21.59 | 14.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 21.55 | 14.50 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 21.55 | 14.50 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#0  | 20.59 | 13.54 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#8  | 20.67 | 13.62 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#14 | 20.57 | 13.52 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#0  | 20.33 | 13.28 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#4  | 20.29 | 13.24 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#7  | 20.31 | 13.26 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 15RB#0 | 19.33 | 12.28 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20525 | 1RB#0  | 20.57 | 13.52 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20525 | 1RB#8  | 20.65 | 13.60 | 38.45 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0  | 20.28 | 13.23 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4  | 20.25 | 13.20 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7  | 20.23 | 13.18 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 19.27 | 12.22 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0  | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8  | 20.75 | 13.70 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 20.74 | 13.69 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0  | 20.28 | 13.23 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4  | 20.42 | 13.37 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7  | 20.31 | 13.26 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 19.52 | 12.47 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 21.82 | 14.77 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 21.82 | 14.77 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 21.77 | 14.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0  | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4  | 20.59 | 13.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7  | 20.59 | 13.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0  | 21.66 | 14.61 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8  | 21.80 | 14.75 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 21.80 | 14.75 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0  | 20.56 | 13.51 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4  | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7  | 20.48 | 13.43 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 20.48 | 13.43 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0  | 21.79 | 14.74 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8  | 21.93 | 14.88 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 21.94 | 14.89 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0  | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4  | 20.65 | 13.60 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7  | 20.68 | 13.63 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 20.56 | 13.51 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 22.46 | 15.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.50 | 15.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 22.46 | 15.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 21.49 | 14.44 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 21.53 | 14.48 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 21.47 | 14.42 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 21.49 | 14.44 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 22.57 | 15.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 22.46 | 15.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 22.44 | 15.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 21.48 | 14.43 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 21.50 | 14.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 21.42 | 14.37 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 22.57 | 15.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 22.54 | 15.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 22.58 | 15.53 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 21.57 | 14.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 21.57 | 14.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 21.57 | 14.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 21.57 | 14.52 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0   | 20.62 | 13.57 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12  | 20.68 | 13.63 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24  | 20.61 | 13.56 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0  | 20.33 | 13.28 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6  | 20.34 | 13.29 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.33 | 13.28 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0  | 19.41 | 12.36 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0   | 20.51 | 13.46 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12  | 20.56 | 13.51 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24  | 20.57 | 13.52 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0  | 20.30 | 13.25 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6  | 20.33 | 13.28 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 64QAM | 20525 | 12RB#13 | 20.21 | 13.16 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 25RB#0  | 19.31 | 12.26 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#0   | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#12  | 20.75 | 13.70 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#24  | 20.67 | 13.62 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#0  | 20.33 | 13.28 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#6  | 20.35 | 13.30 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#13 | 20.33 | 13.28 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 25RB#0  | 19.42 | 12.37 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 21.83 | 14.78 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 21.85 | 14.80 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 21.79 | 14.74 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 20.57 | 13.52 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 20.53 | 13.48 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 21.75 | 14.70 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 21.77 | 14.72 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 21.79 | 14.74 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 20.45 | 13.40 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 20.49 | 13.44 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 21.84 | 14.79 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 21.86 | 14.81 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 21.90 | 14.85 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 20.59 | 13.54 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 22.68 | 15.63 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 22.43 | 15.38 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 22.91 | 15.86 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 21.49 | 14.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 21.51 | 14.46 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 21.56 | 14.51 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 21.51 | 14.46 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 22.59 | 15.54 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.39 | 15.34 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 22.94 | 15.89 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 21.48 | 14.43 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 21.65 | 14.60 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 21.64 | 14.59 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 22.69 | 15.64 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 22.53 | 15.48 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 22.93 | 15.88 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 21.52 | 14.47 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 21.59 | 14.54 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 21.64 | 14.59 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 21.63 | 14.58 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0   | 20.57 | 13.52 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24  | 20.63 | 13.58 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49  | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0  | 20.26 | 13.21 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.30 | 13.25 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 20.30 | 13.25 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0  | 19.35 | 12.30 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0   | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24  | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49  | 20.50 | 13.45 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0  | 20.28 | 13.23 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.25 | 13.20 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 20.22 | 13.17 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0  | 19.26 | 12.21 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0   | 20.55 | 13.50 | 38.45 | PASS |





|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24  | 20.72 | 13.67 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49  | 20.68 | 13.63 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0  | 20.32 | 13.27 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 20.40 | 13.35 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 20.29 | 13.24 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0  | 19.42 | 12.37 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 21.88 | 14.83 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 21.71 | 14.66 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.15 | 15.10 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 20.51 | 13.46 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 20.51 | 13.46 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 21.83 | 14.78 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 21.76 | 14.71 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.05 | 15.00 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 20.48 | 13.43 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 20.48 | 13.43 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 20.57 | 13.52 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 20.49 | 13.44 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 21.95 | 14.90 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 21.84 | 14.79 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.07 | 15.02 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 20.55 | 13.50 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 20.65 | 13.60 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 20.69 | 13.64 | 38.45 | PASS |

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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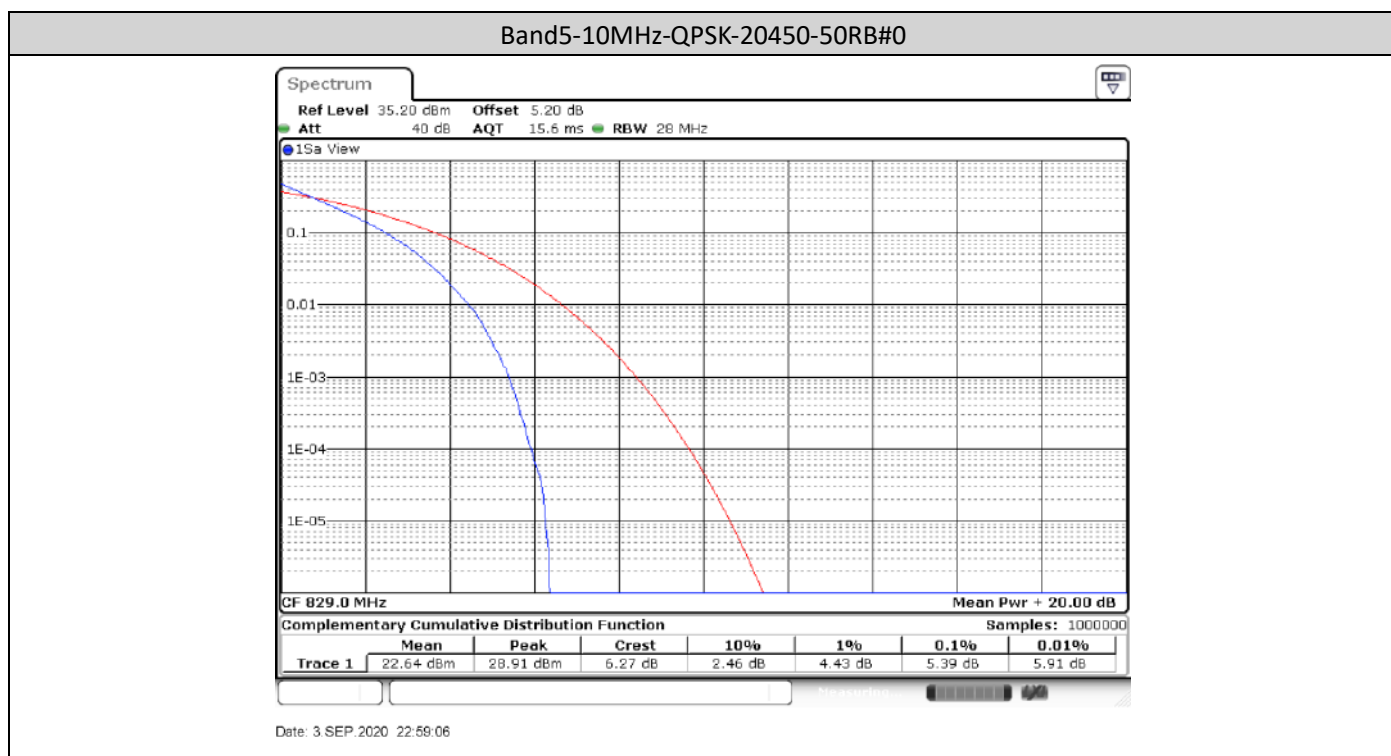


## 2. Peak-to-Average Ratio (CCDF)

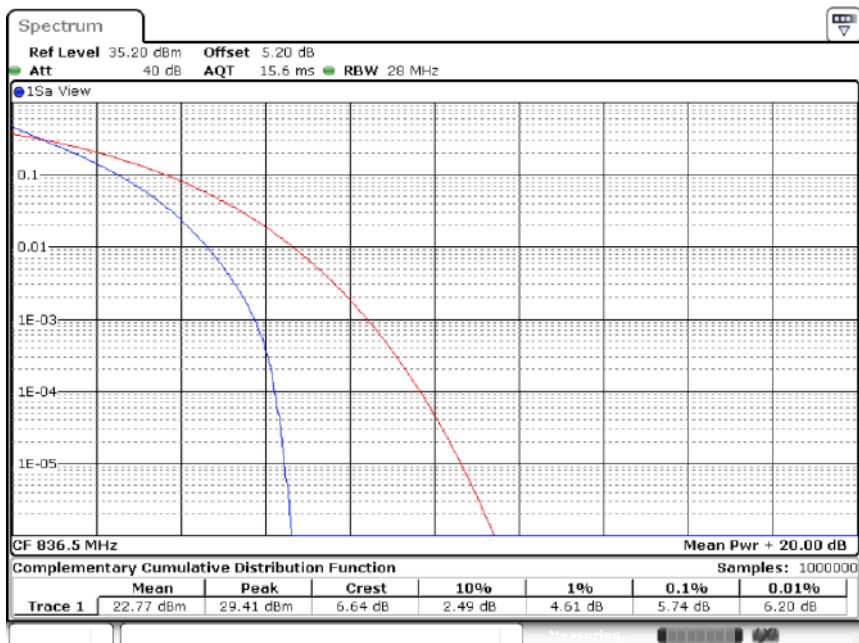
### 2.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 5.39       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 5.74       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 5.48       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 6.61       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0           | 6.75       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0           | 6.64       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 6.20       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 6.41       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 6.23       | 13        | PASS    |

### 2.2. Test Plots

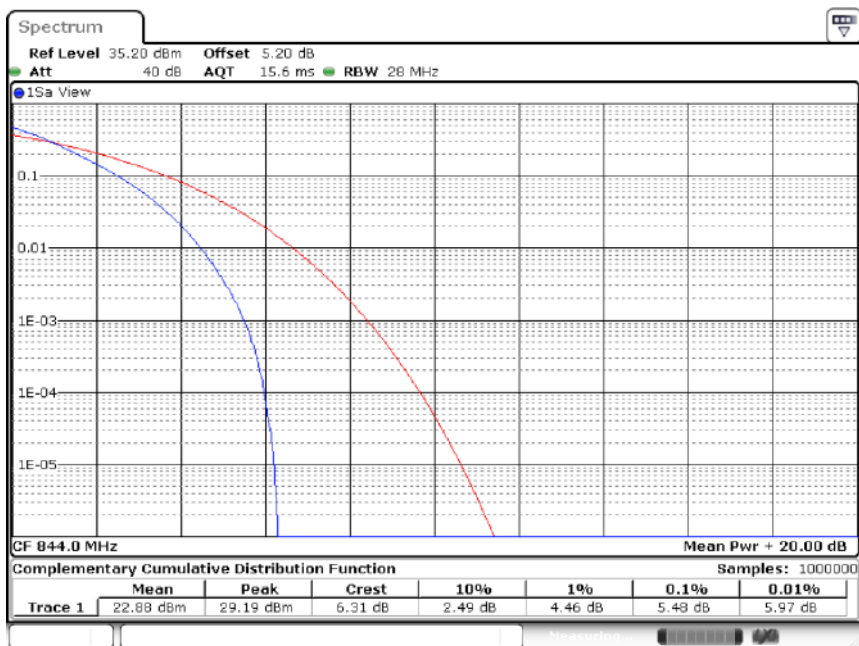


## Band5-10MHz-QPSK-20525-50RB#0



Date: 3 SEP 2020 22:59:29

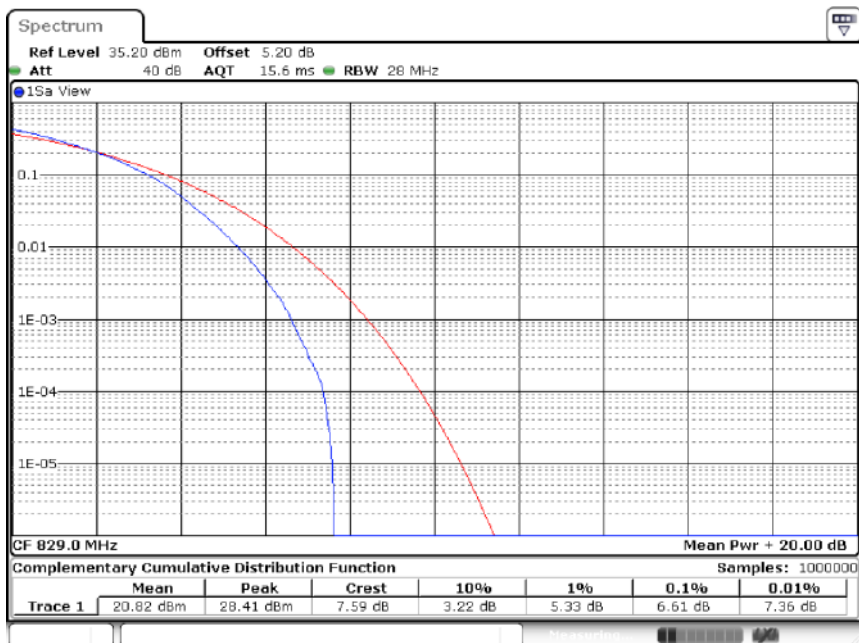
## Band5-10MHz-QPSK-20600-50RB#0



Date: 3 SEP 2020 22:59:52

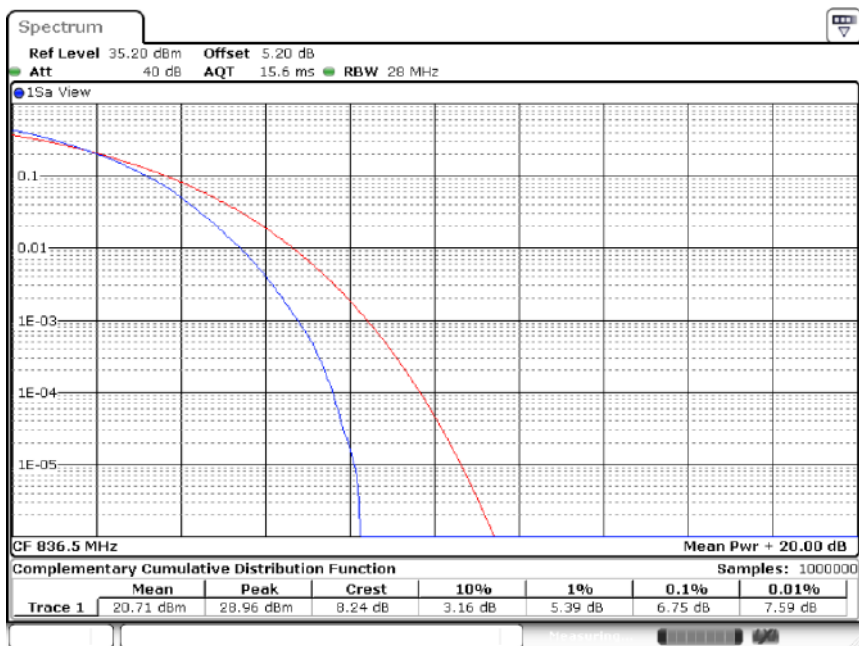


## Band5-10MHz-64QAM-20450-50RB#0



Date: 4 SEP 2020 00:22:37

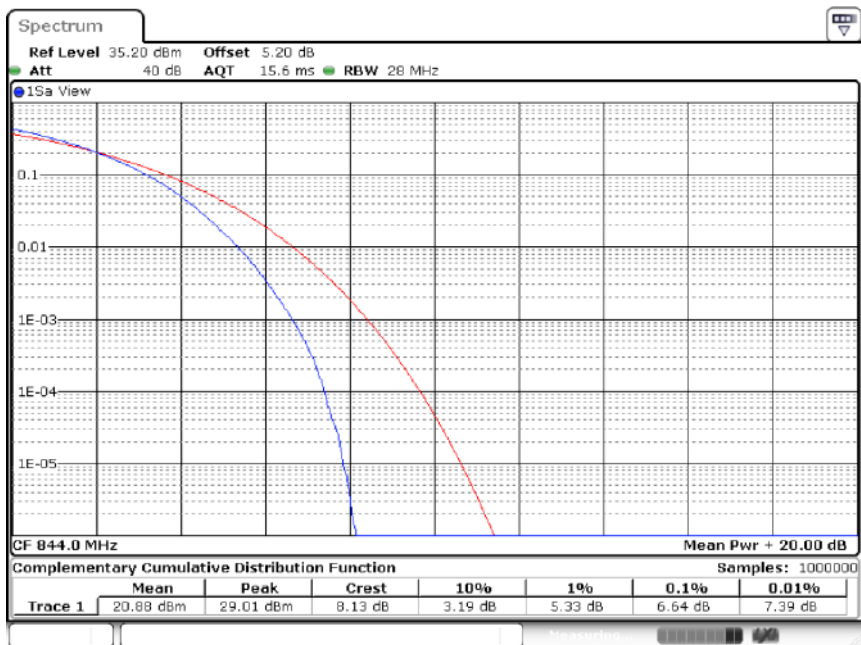
## Band5-10MHz-64QAM-20525-50RB#0



Date: 4 SEP 2020 00:22:49

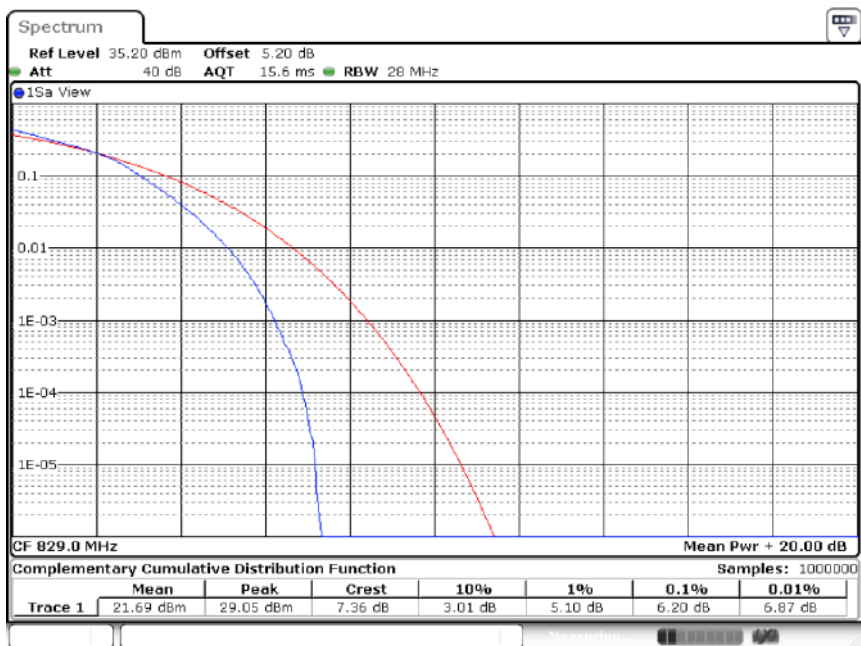


Band5-10MHz-64QAM-20600-50RB#0



Date: 4 SEP 2020 00:23:00

Band5-10MHz-16QAM-20450-50RB#0



Date: 3 SEP 2020 22:59:18

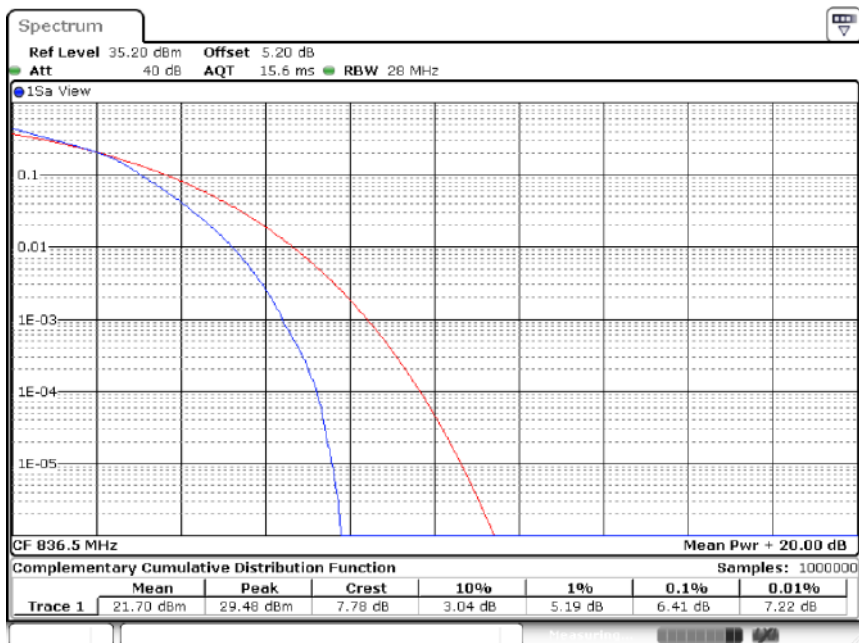


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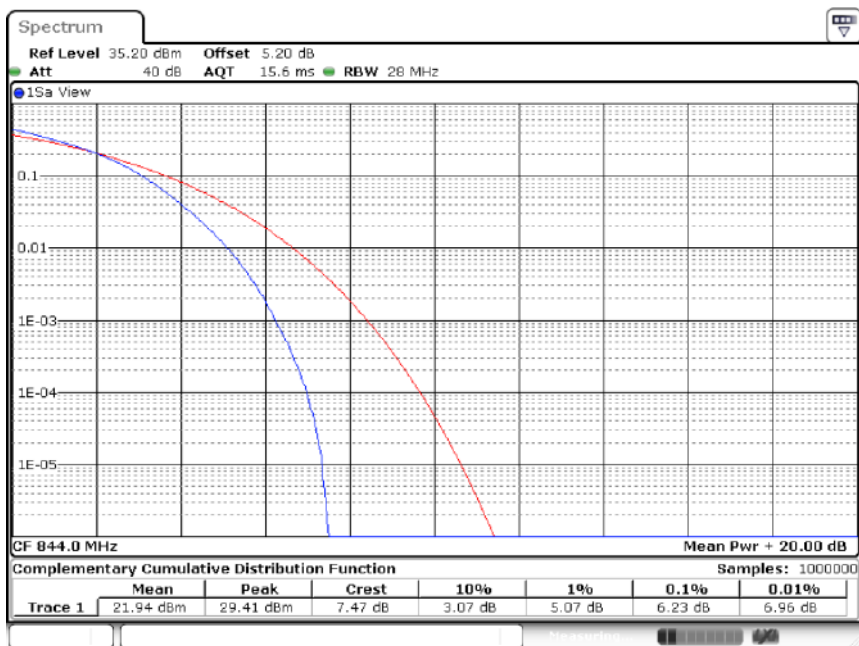
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## Band5-10MHz-16QAM-20525-50RB#0



Date: 3 SEP 2020 22:59:40

## Band5-10MHz-16QAM-20600-50RB#0



Date: 3 SEP 2020 23:00:03

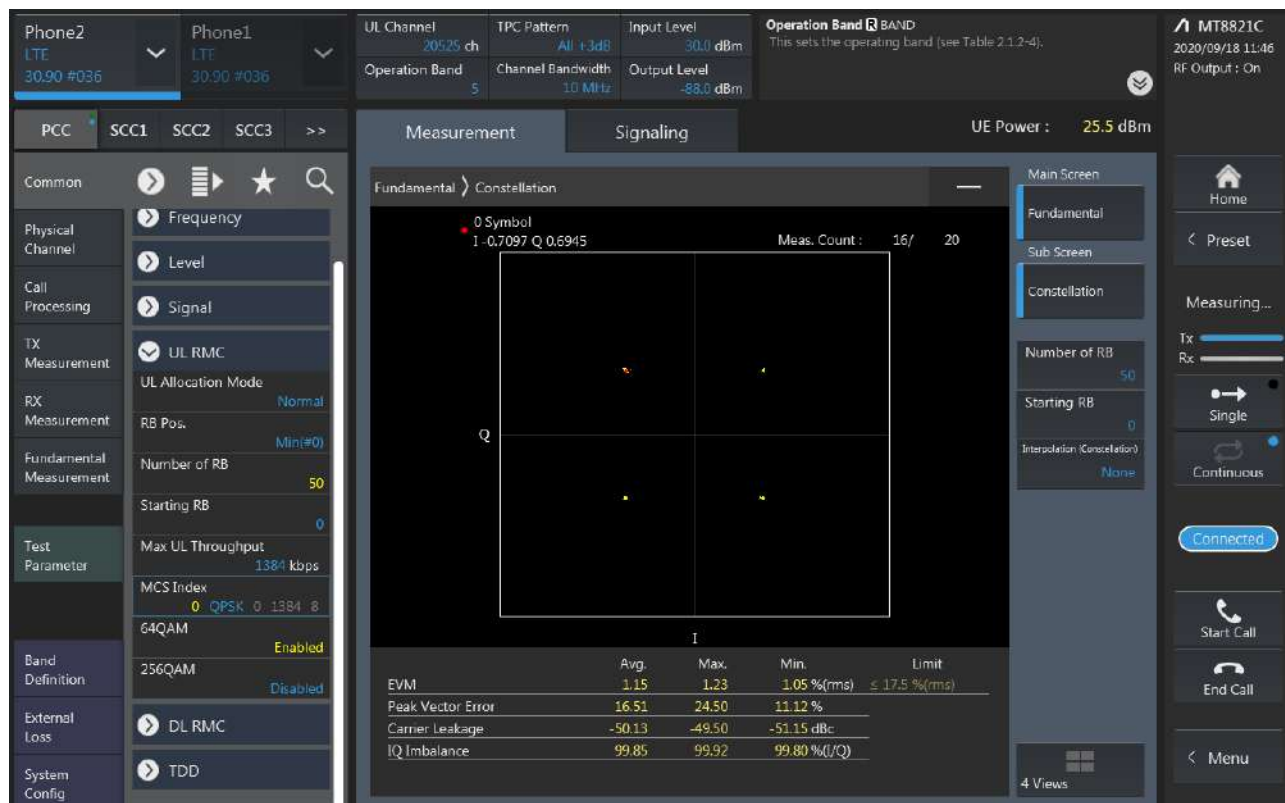




### 3. Modulation Characteristics

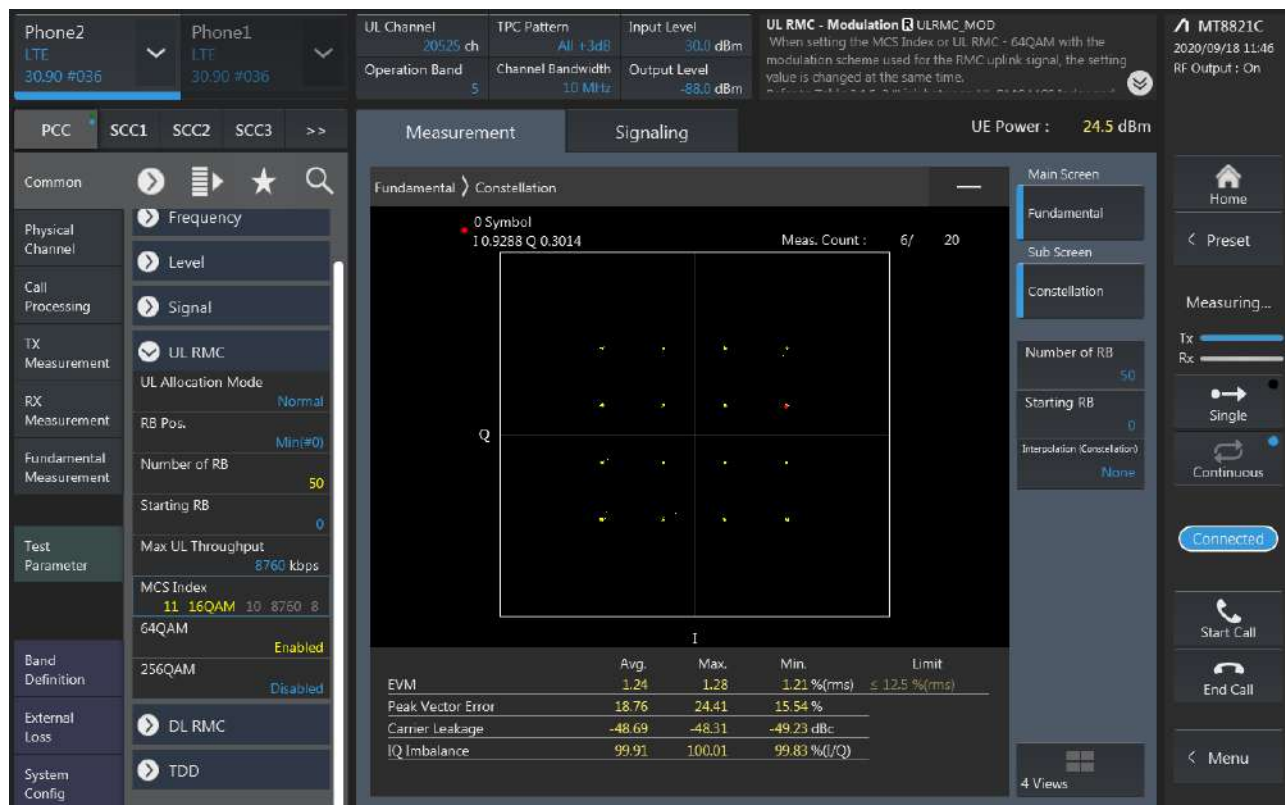
#### 3.1. Test Mode = LTE /TM1 10MHz

##### 3.1.1. Test Channel = MCH



## 3.2. Test Mode = LTE /TM2 10MHz

### 3.2.1. Test Channel = MCH



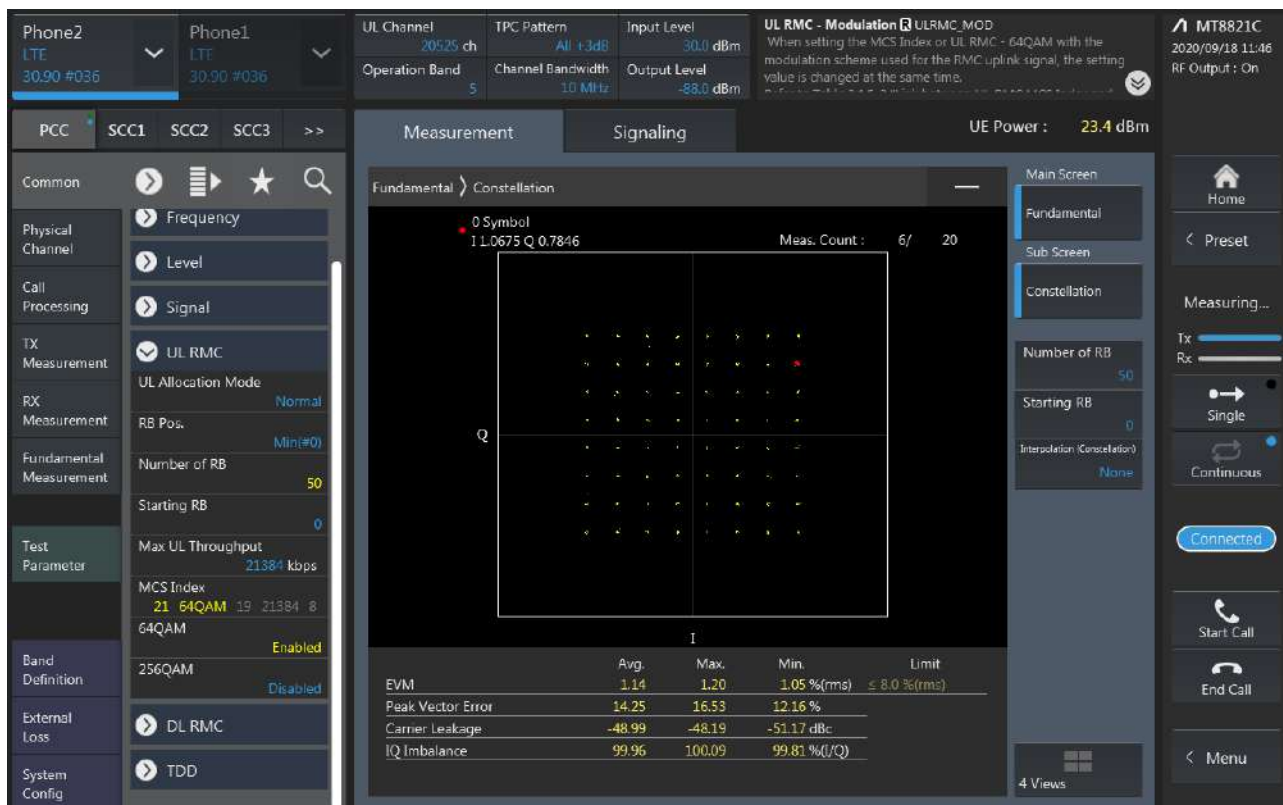
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 3.3.1.Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.091                    | 1.290                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.094                    | 1.290                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.097                    | 1.305                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 1.1                      | 1.302                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 1.097                    | 1.296                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 1.097                    | 1.296                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.091                    | 1.281                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.091                    | 1.284                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.091                    | 1.281                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.697                    | 2.994                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.697                    | 2.982                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.703                    | 3.006                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20525   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.685                    | 2.970                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.476                    | 4.950                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.486                    | 4.920                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20525   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.496                    | 4.950                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.496                    | 4.930                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.911                    | 9.740                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.931                    | 9.800                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.931                    | 9.740                | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 8.931                    | 9.680                | PASS    |



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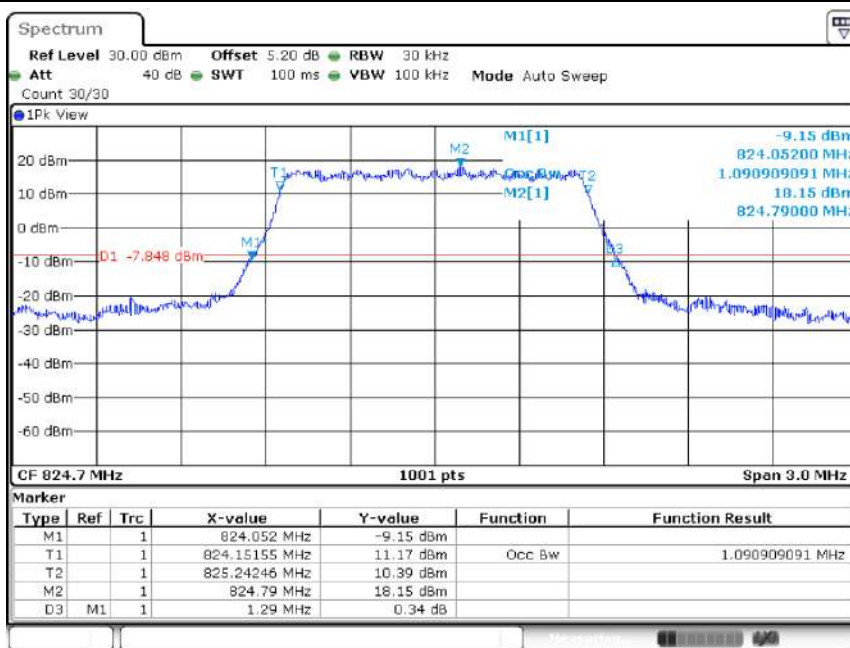
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|       |       |       |       |        |       |       |      |
|-------|-------|-------|-------|--------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 8.931 | 9.680 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 8.911 | 9.660 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.911 | 9.740 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.931 | 9.800 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.911 | 9.740 | PASS |

## 4.2. Test Plots

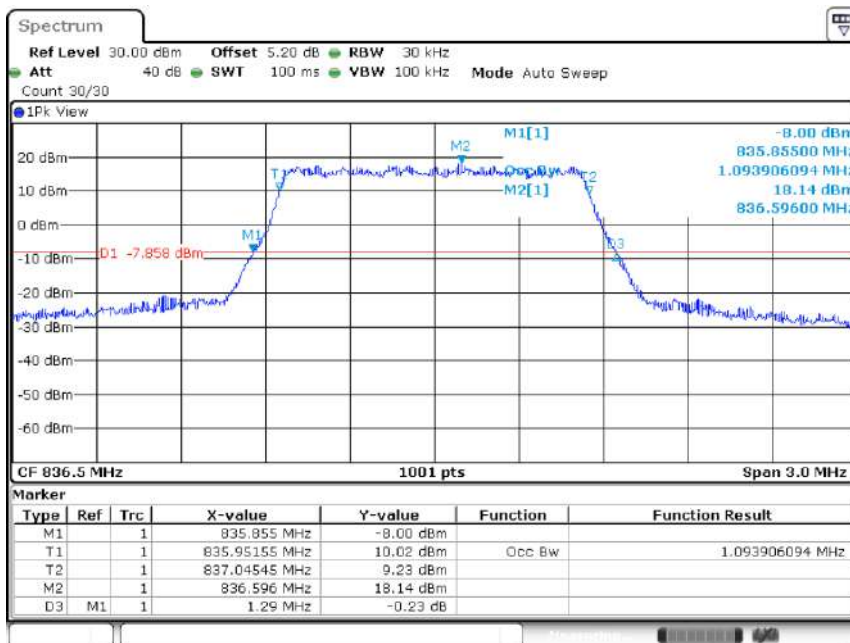
Band5-1.4MHz-QPSK-20407-6RB#0-1.091



Date: 3 SEP. 2020 22:34:10

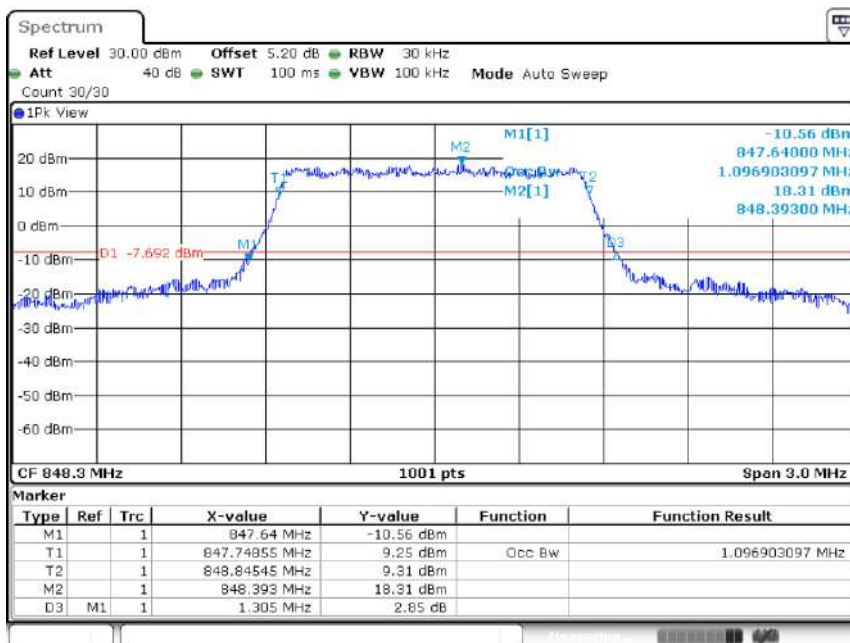


Band5-1.4MHz-QPSK-20525-6RB#0-1.094



Date: 3.SEP.2020 22:34:36

Band5-1.4MHz-QPSK-20643-6RB#0-1.097



Date: 3.SEP.2020 22:35:02



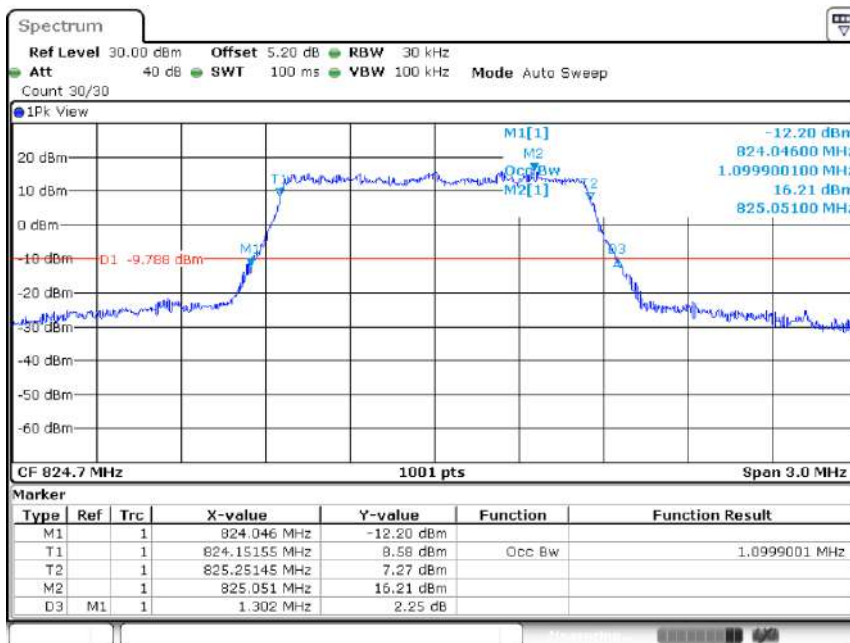
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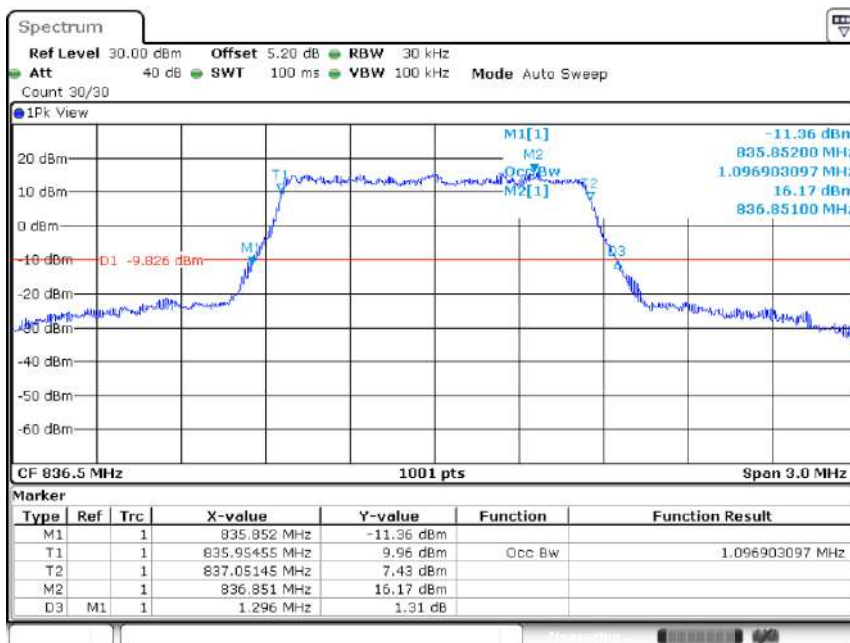
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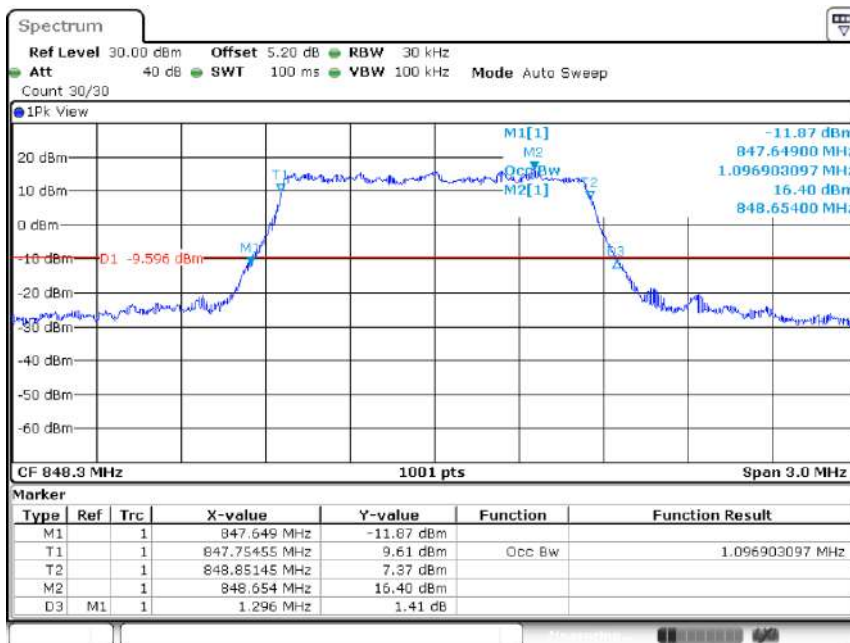
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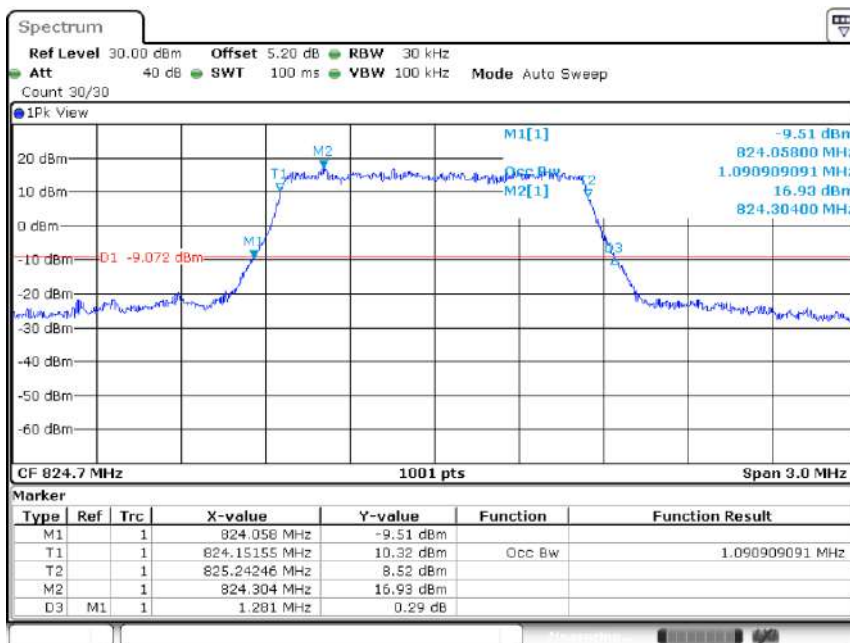


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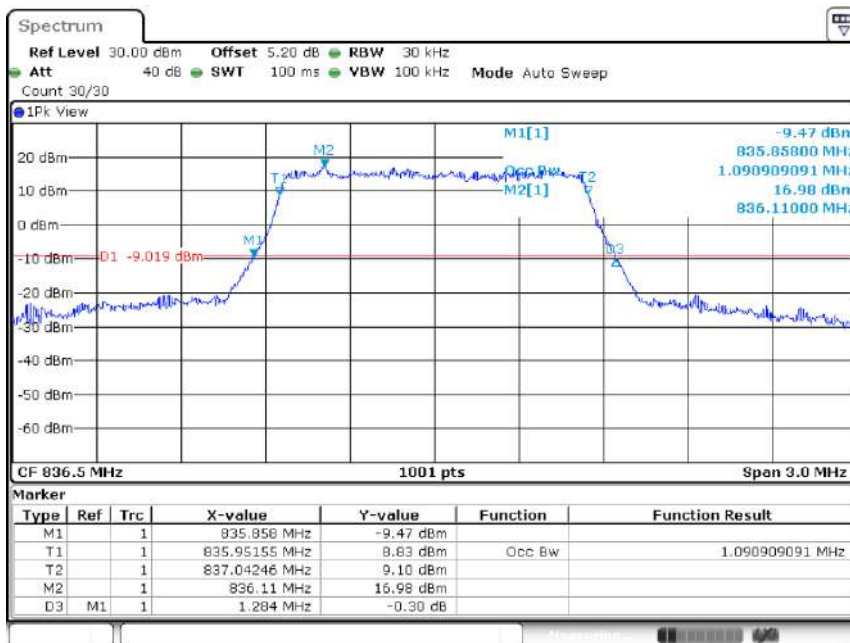
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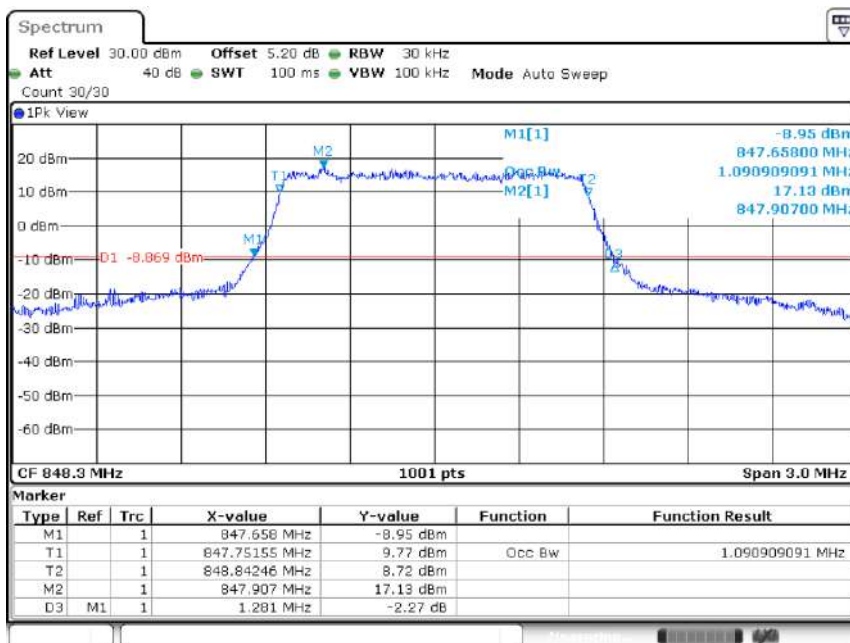


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Date: 3.SEP.2020 22:34:49

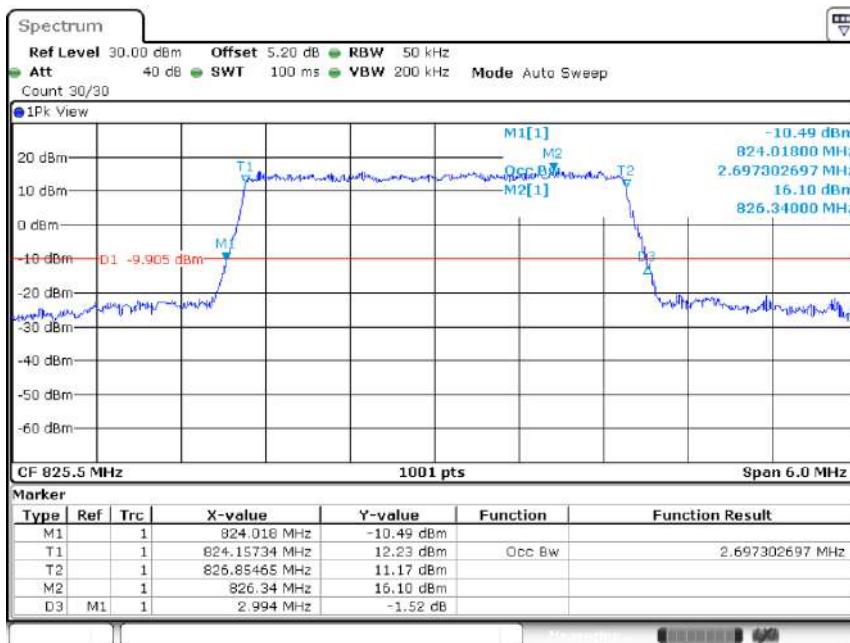
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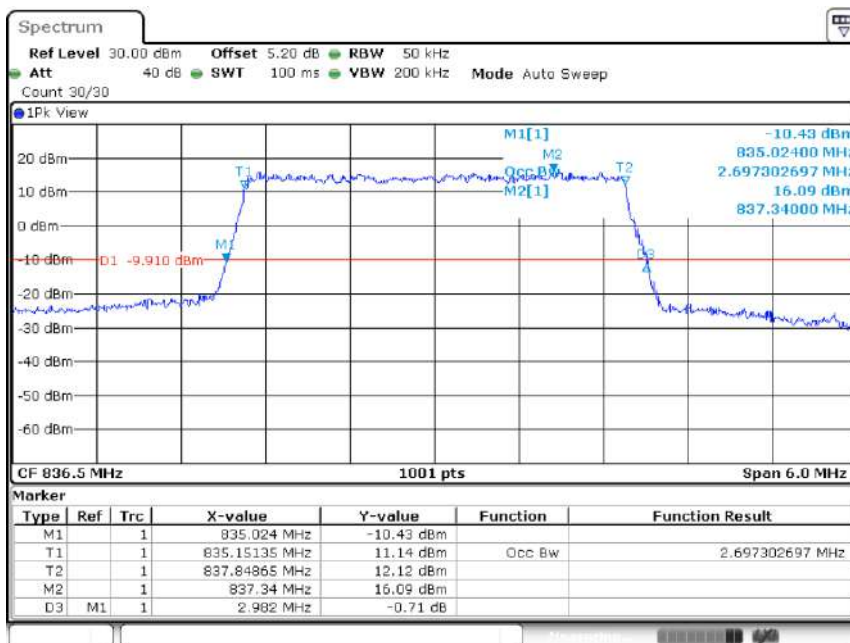


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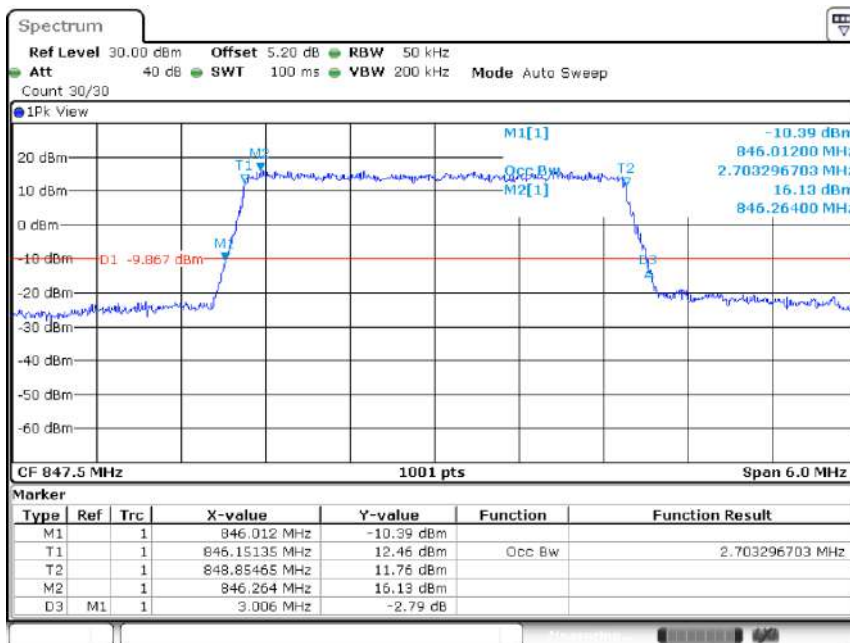
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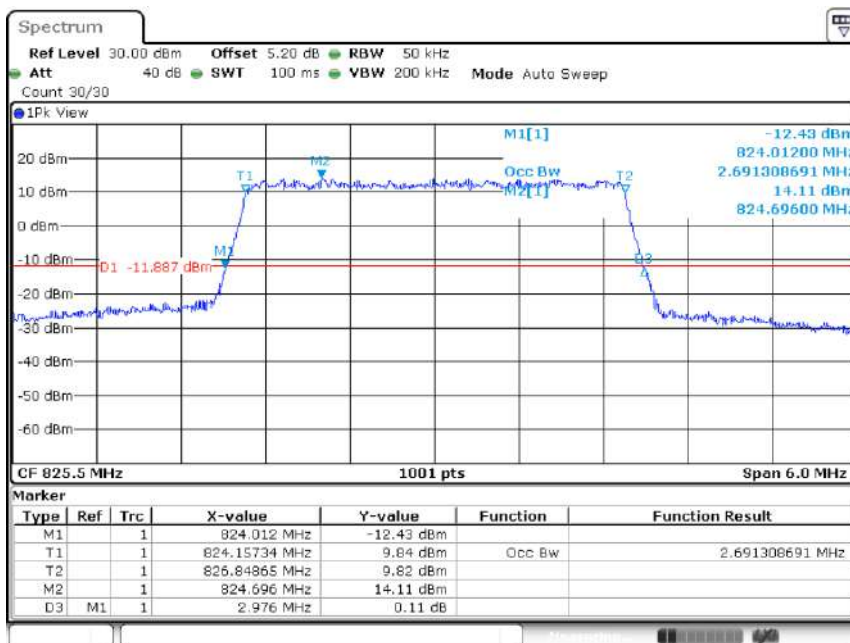


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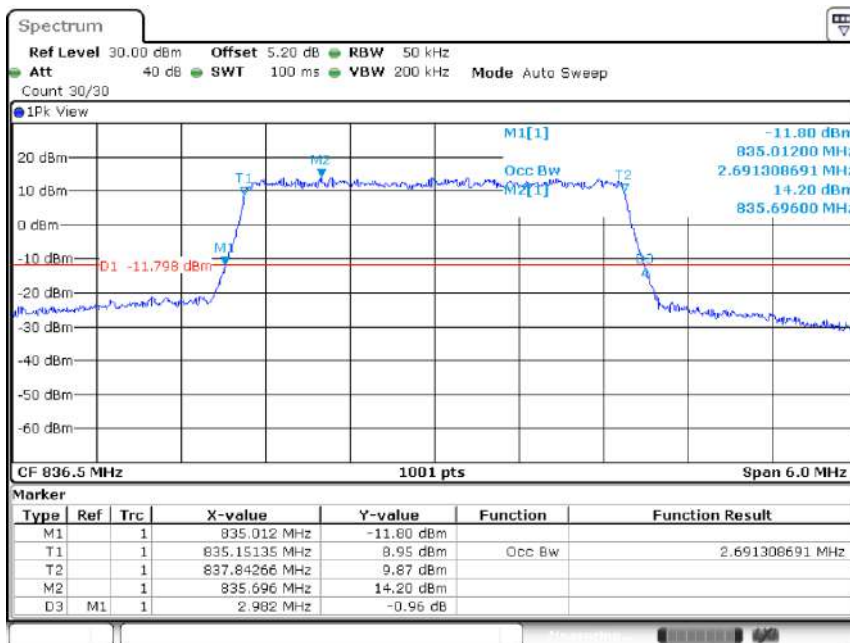
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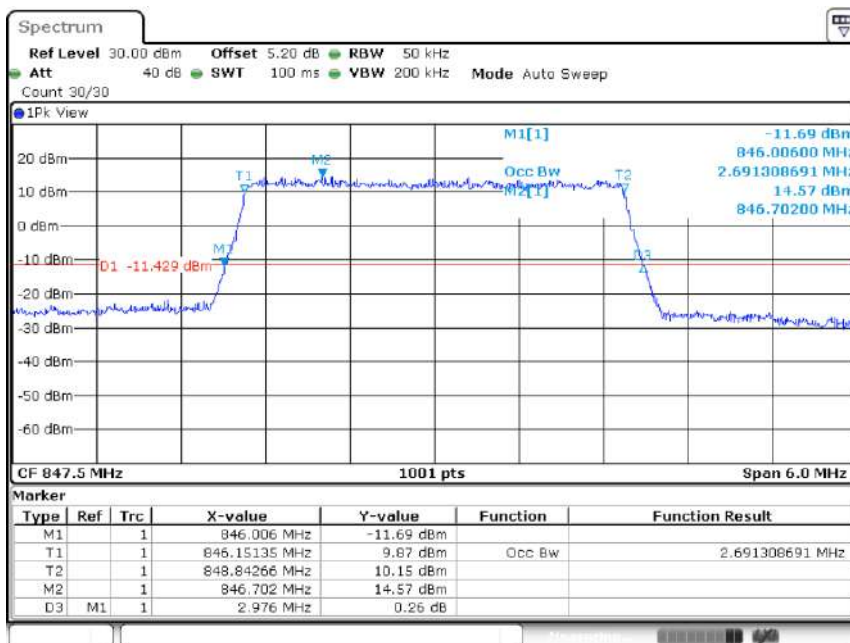


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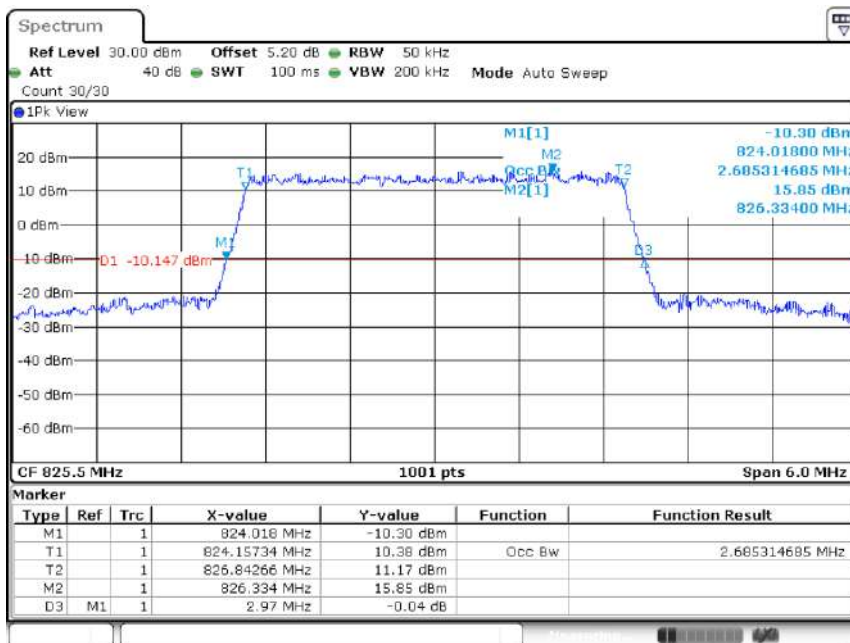
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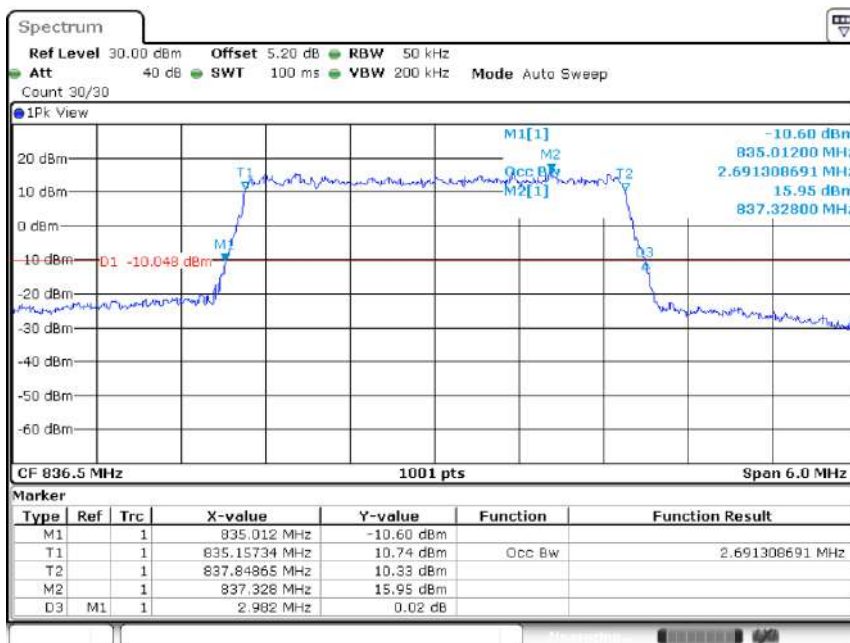


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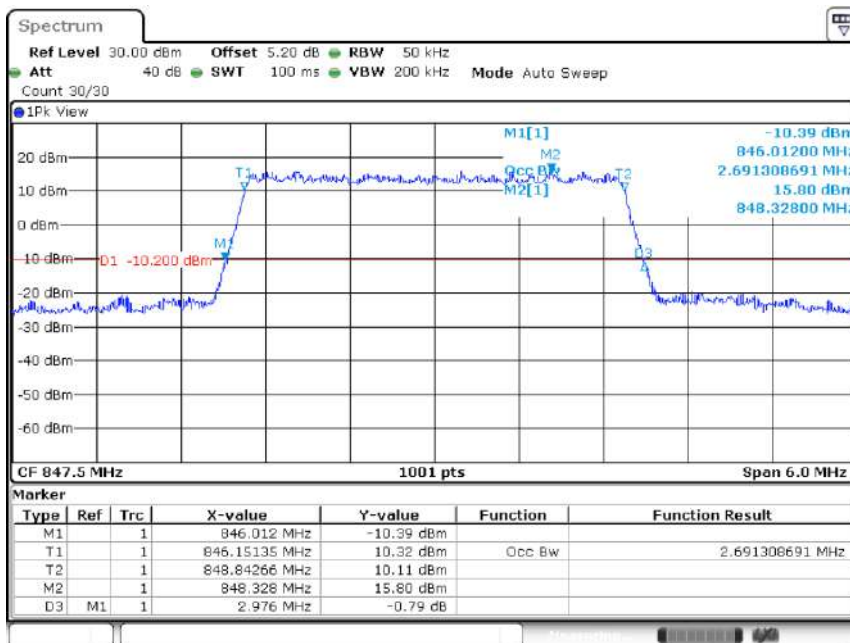
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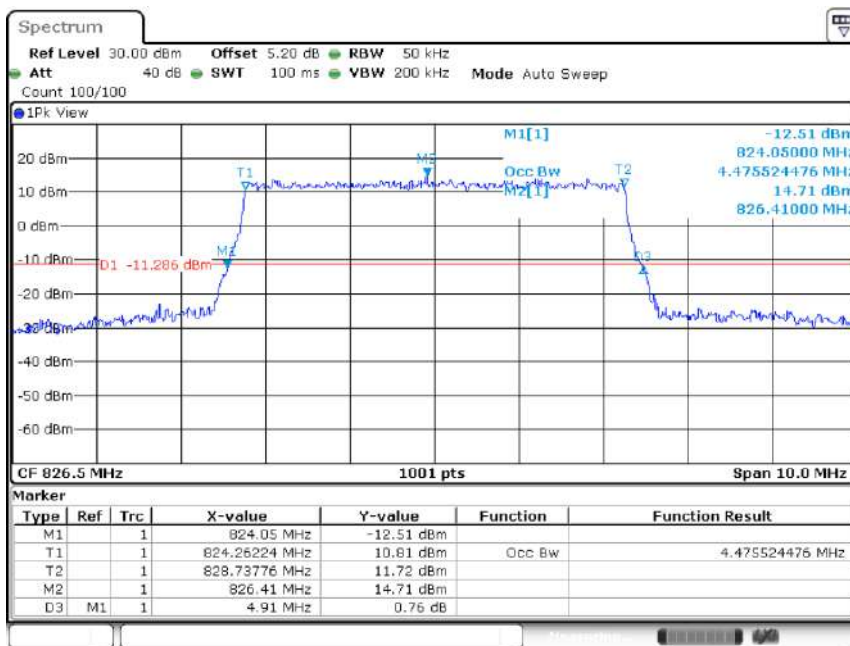
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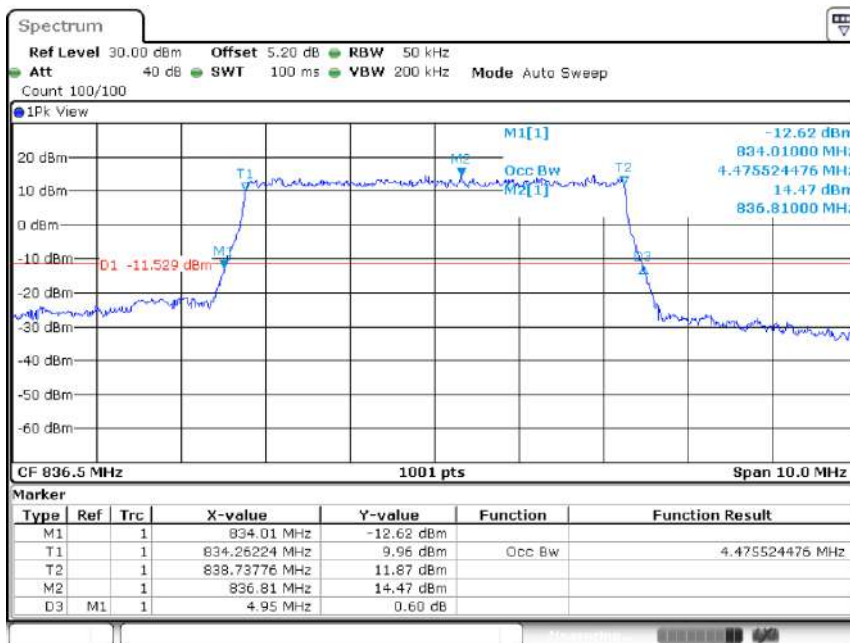
## Band5-5MHz-QPSK-20425-25RB#0-4.476



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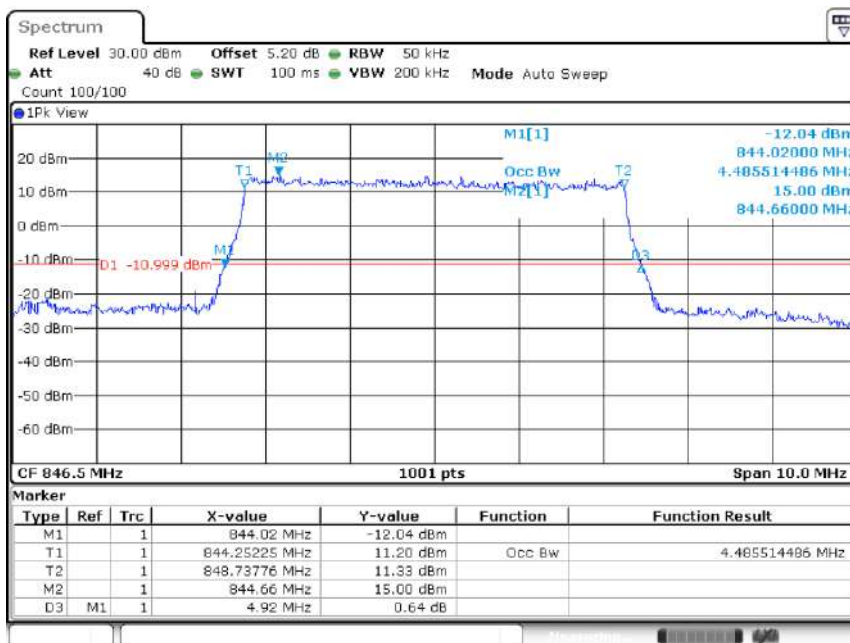
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## Band5-5MHz-QPSK-20525-25RB#0-4.476



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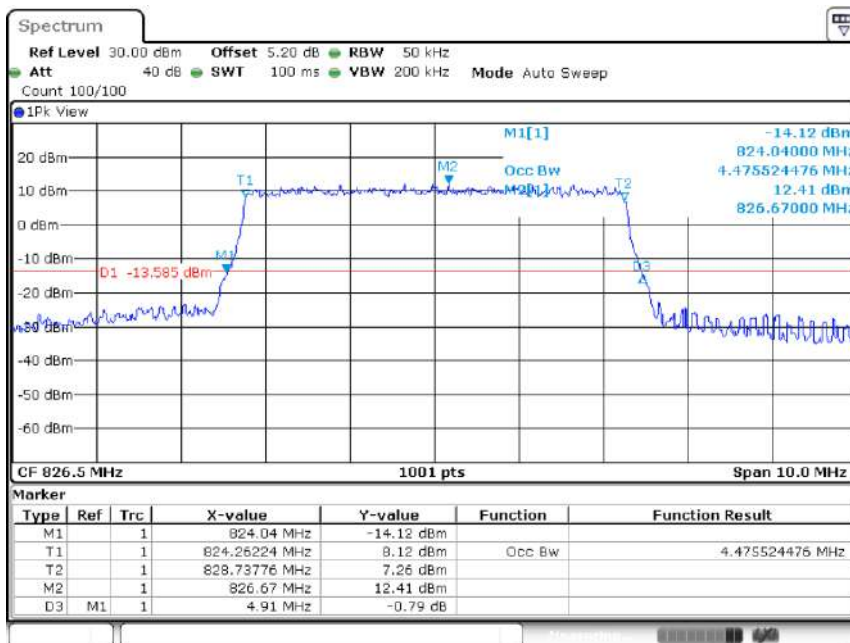
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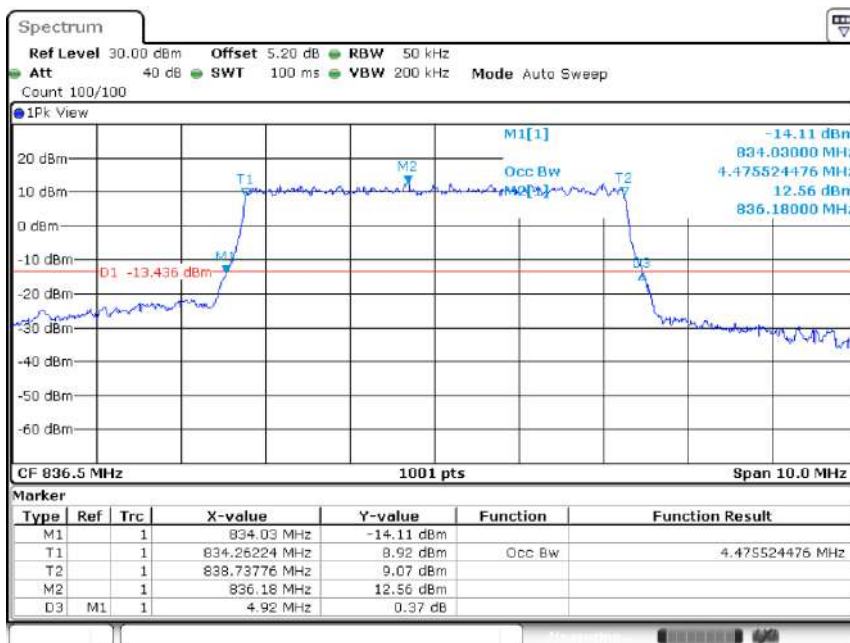


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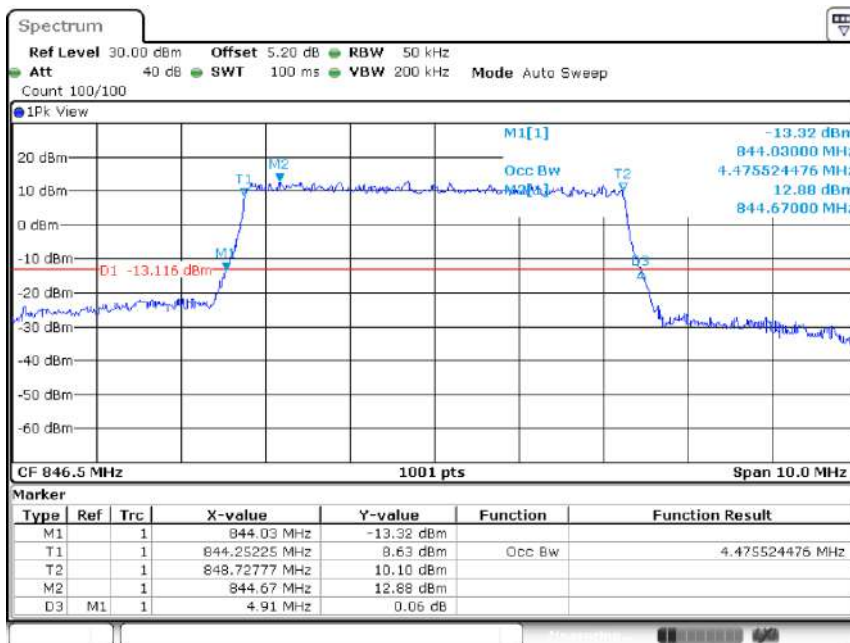
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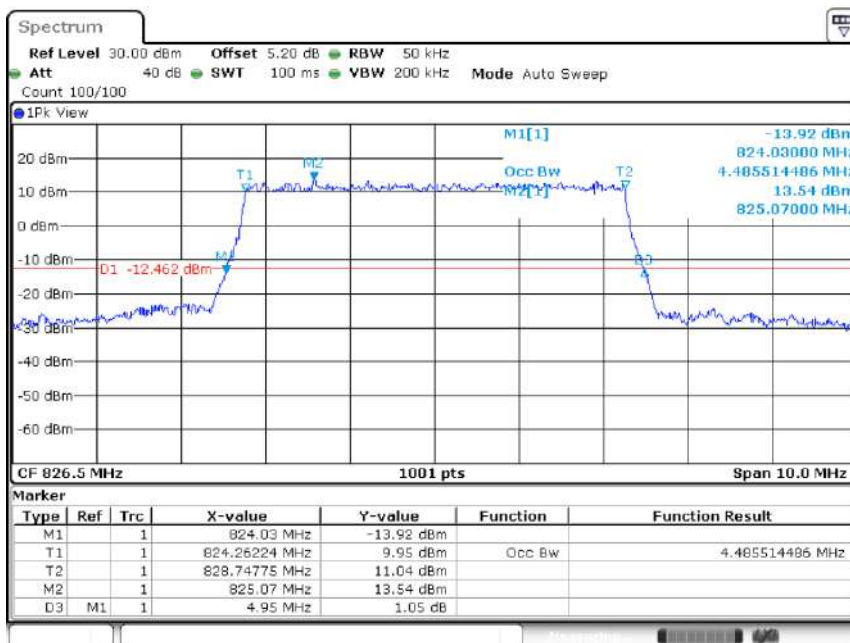


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Date: 4 SEP. 2020 00:11:51

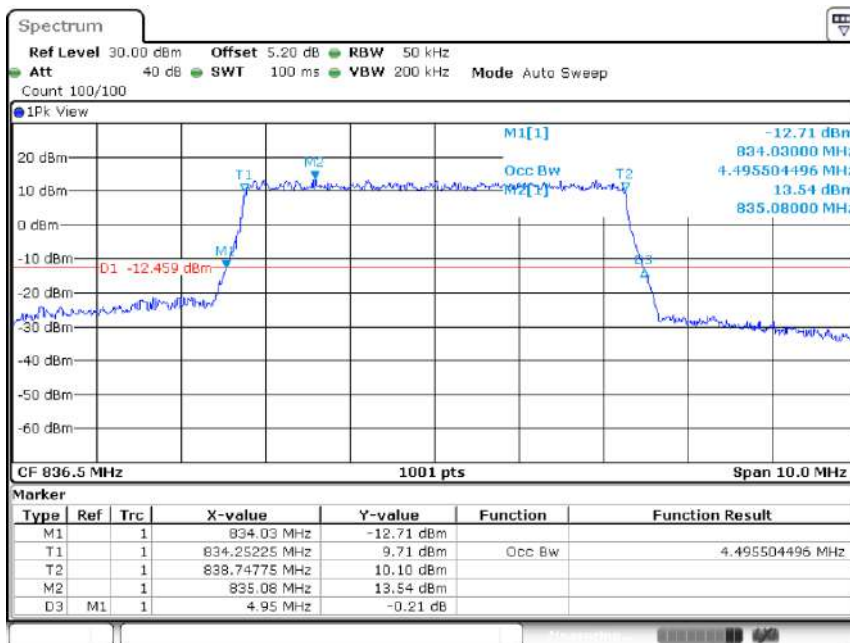
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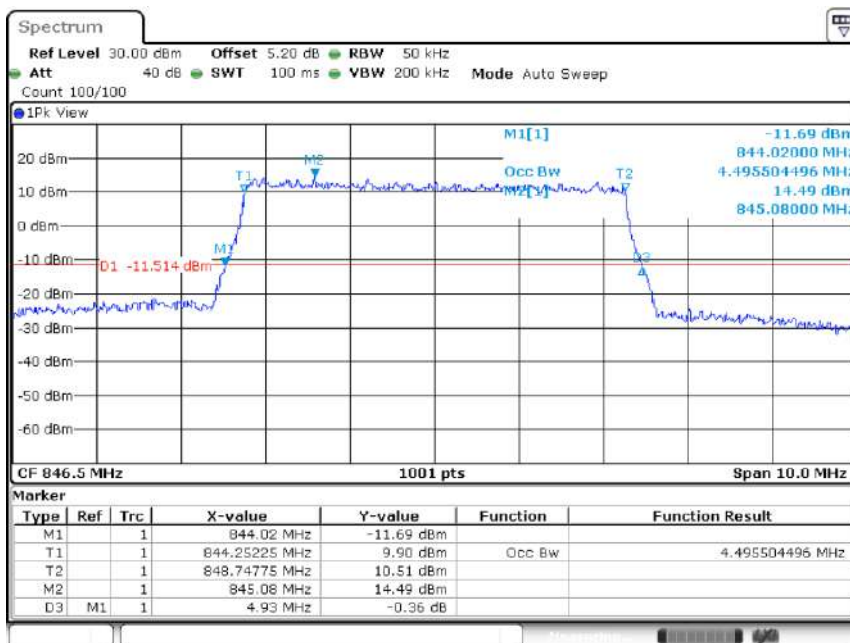


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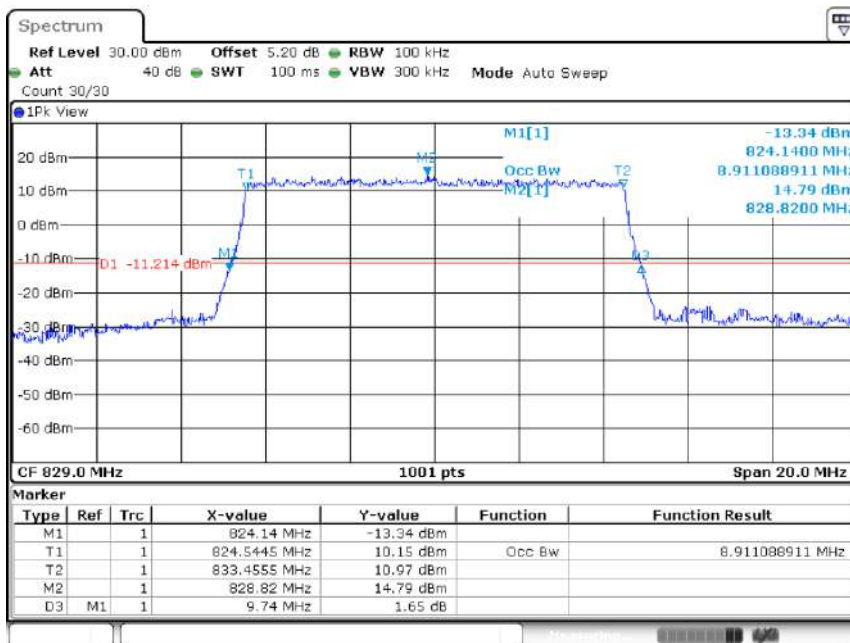
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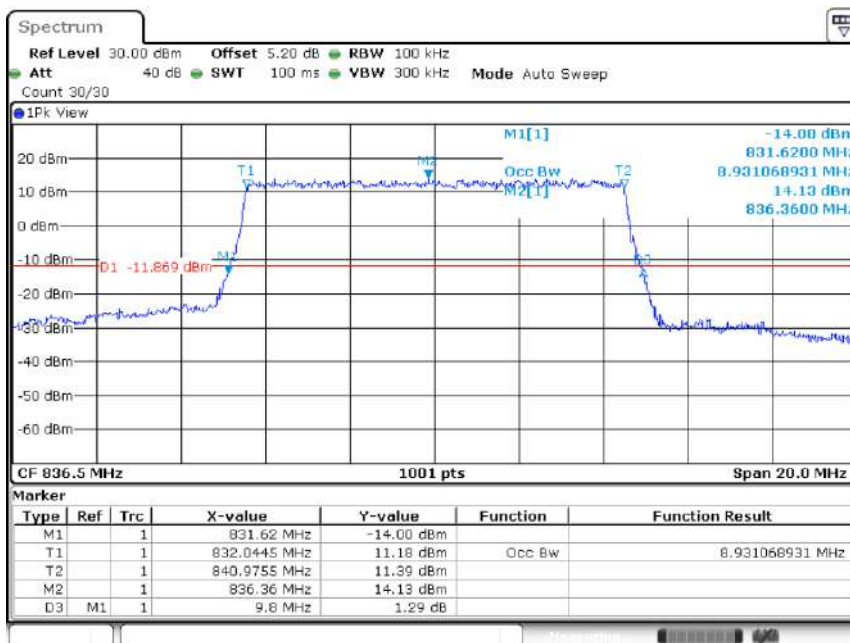


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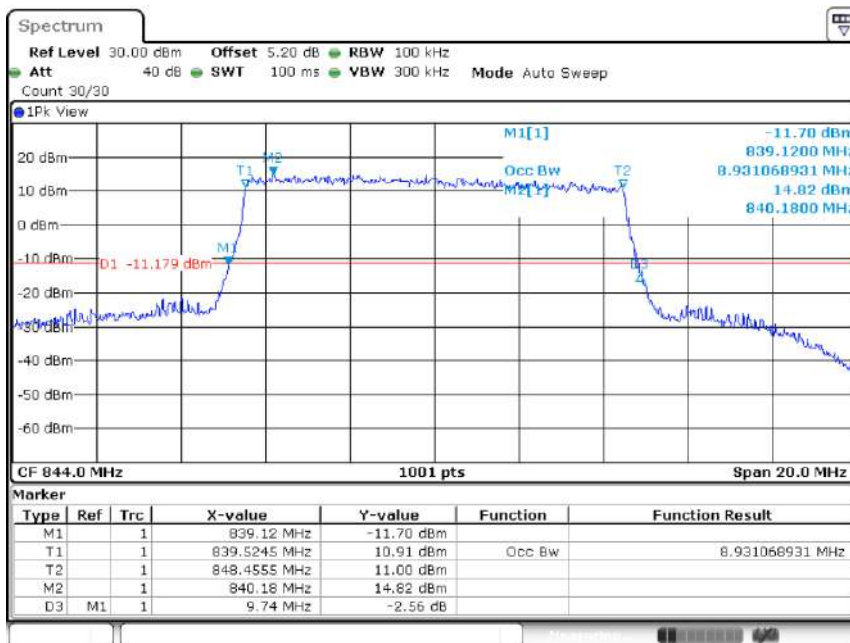
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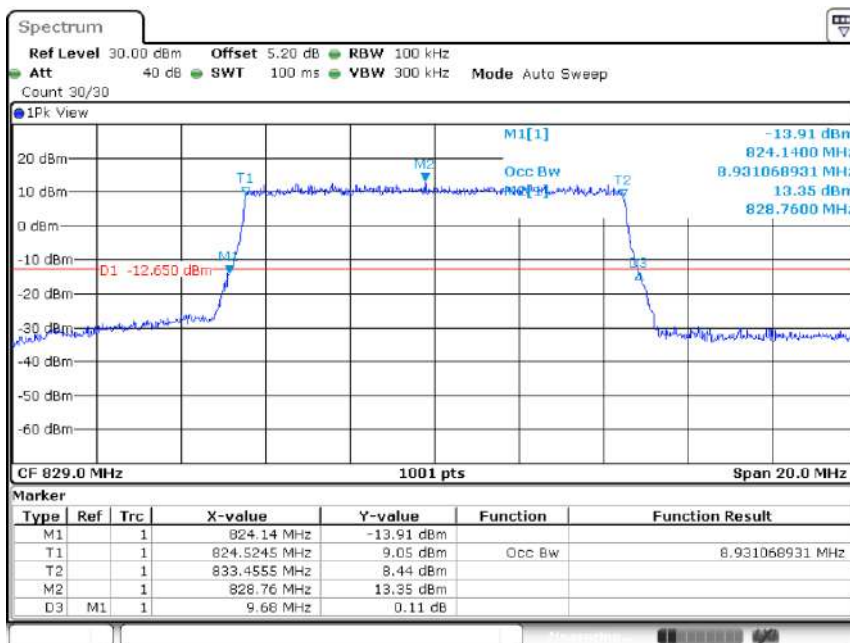


## Band5-10MHz-QPSK-20600-50RB#0-8.931



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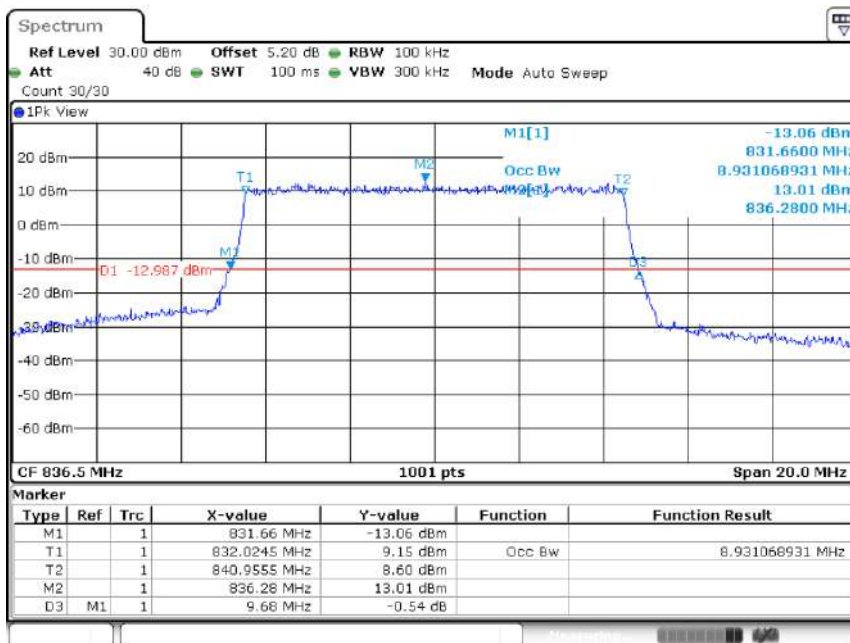
## Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 4 SEP.2020 00:12:09

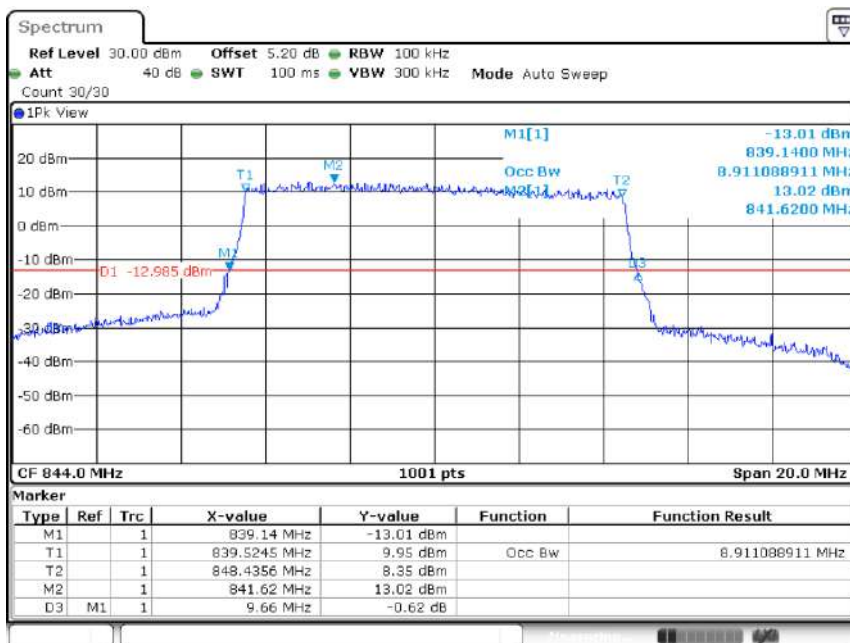


## Band5-10MHz-64QAM-20525-50RB#0-8.931



Date: 4 SEP. 2020 00:12:22

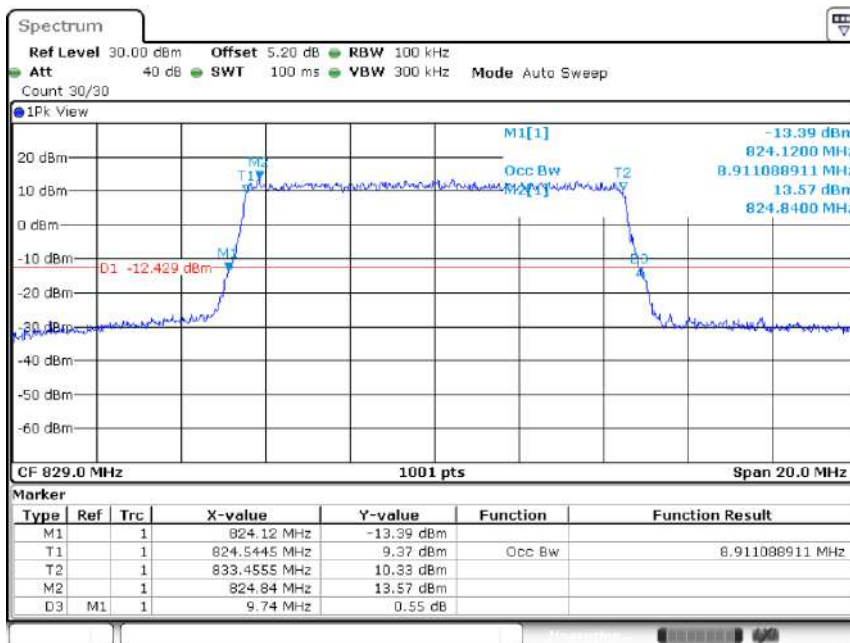
## Band5-10MHz-64QAM-20600-50RB#0-8.911



Date: 4 SEP. 2020 00:12:36

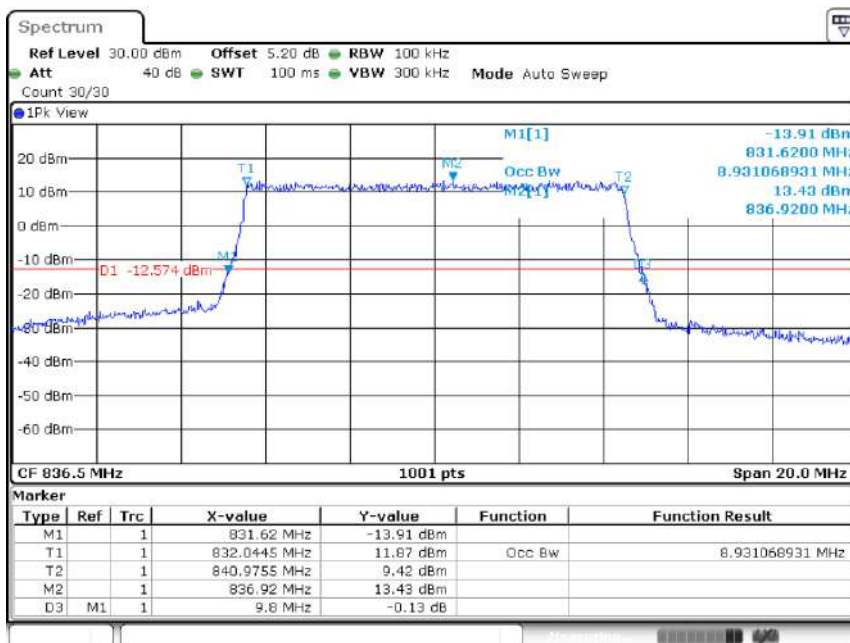


## Band5-10MHz-16QAM-20450-50RB#0-8.911



Date: 3.SEP.2020 22:39:12

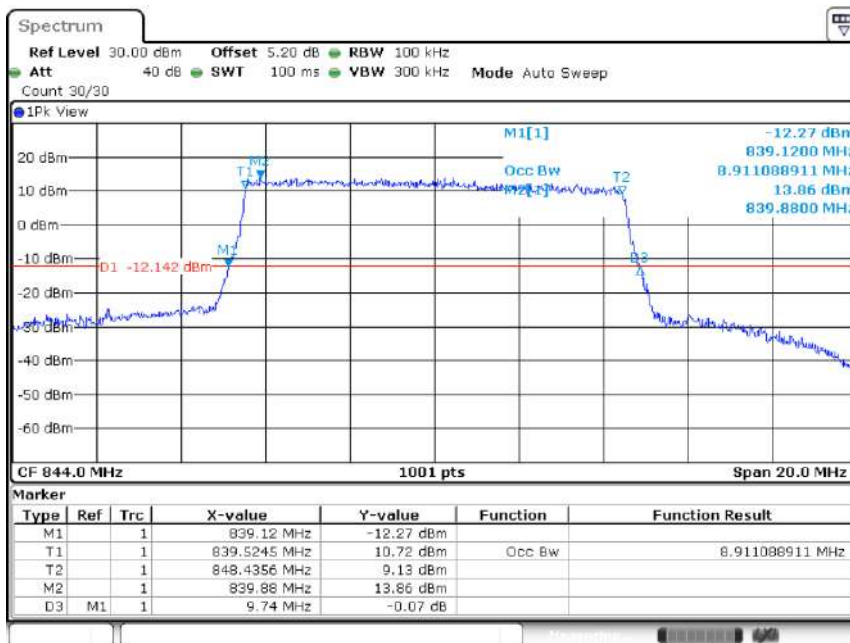
## Band5-10MHz-16QAM-20525-50RB#0-8.931



Date: 3.SEP.2020 22:39:38



## Band5-10MHz-16QAM-20600-50RB#0-8.911



Date: 3.SEP.2020 22:40:04





## 5. Band Edge Compliance

### 5.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -22.04      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -27.98      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -19.75      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -24.62      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | -24.89      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | -29.09      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 1RB#5            | -22.57      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | -29.68      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -22.52      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -27.92      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -20.54      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -26.58      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -21.29      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -28.87      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -18.27      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -27.49      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 1RB#0            | -23.55      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | -30.20      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 1RB#14           | -21.85      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | -30.66      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -21.25      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -29.38      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -19.41      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -29.27      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -22.11      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -29.77      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | -21.74      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | -29.52      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 1RB#0            | -24.22      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 25RB#0           | -30.32      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 1RB#24           | -22.93      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 25RB#0           | -31.71      | PASS    |



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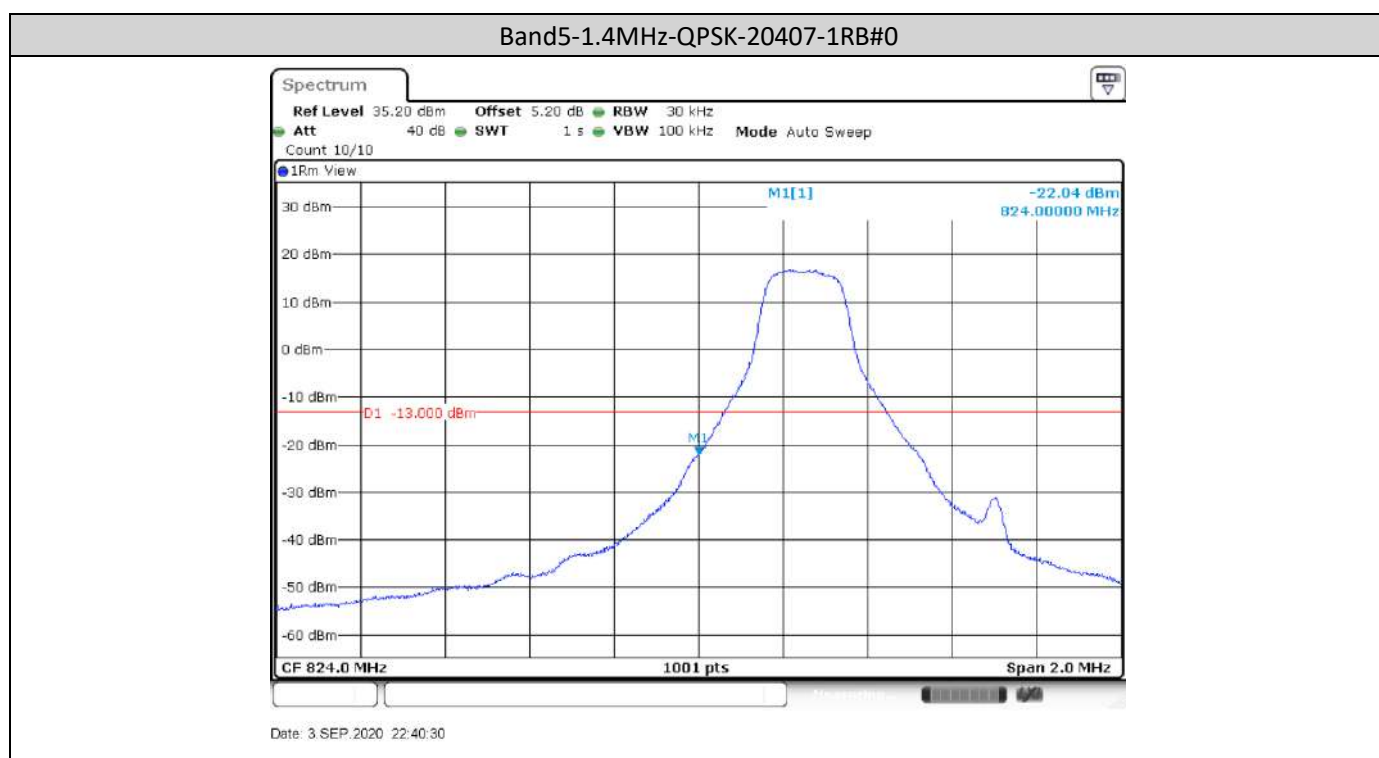
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|       |       |       |       |        |        |      |
|-------|-------|-------|-------|--------|--------|------|
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0  | -22.29 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | -29.72 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24 | -21.48 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | -30.26 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | -32.54 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | -33.20 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49 | -32.05 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | -33.56 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0  | -33.75 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | -33.27 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49 | -33.81 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | -35.86 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | -31.94 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -33.02 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -33.08 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -34.77 | PASS |

## 5.2. Test Plots



## Band5-1.4MHz-QPSK-20407-6RB#0



Date: 3.SEP.2020 22:41:11

## Band5-1.4MHz-QPSK-20643-1RB#5



Date: 3.SEP.2020 22:41:56





Band5-1.4MHz-QPSK-20643-6RB#0



Date: 3 SEP. 2020 22:42:37

Band5-1.4MHz-64QAM-20407-1RB#0



Date: 4 SEP. 2020 00:13:01



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Band5-1.4MHz-64QAM-20407-6RB#0



Date: 4 SEP.2020 00:13:22

Band5-1.4MHz-64QAM-20643-1RB#5



Date: 4 SEP.2020 00:13:47



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## Band5-1.4MHz-64QAM-20643-6RB#0



Date: 4 SEP. 2020 00:14:08

## Band5-1.4MHz-16QAM-20407-1RB#0



Date: 3 SEP. 2020 22:40:50



**Band5-1.4MHz-16QAM-20407-6RB#0**



Date: 3.SEP.2020 22:41:31

**Band5-1.4MHz-16QAM-20643-1RB#5**



Date: 3.SEP.2020 22:42:17



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Band5-1.4MHz-16QAM-20643-6RB#0



Date: 3.SEP.2020 22:42:58

Band5-3MHz-QPSK-20415-1RB#0



Date: 3.SEP.2020 22:43:23



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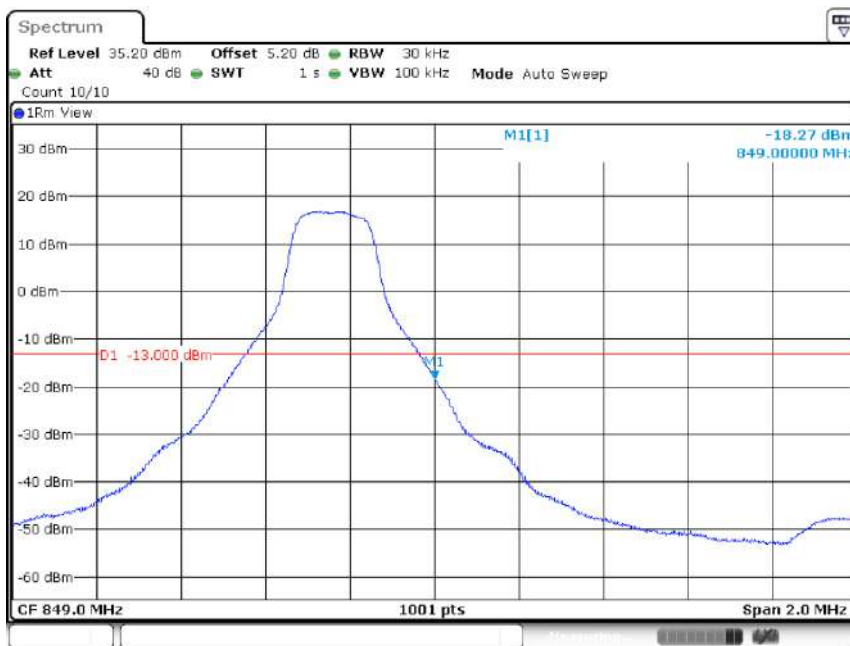
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## Band5-3MHz-QPSK-20415-15RB#0



Date: 3.SEP.2020 22:44:04

## Band5-3MHz-QPSK-20635-1RB#14



Date: 3.SEP.2020 22:44:50

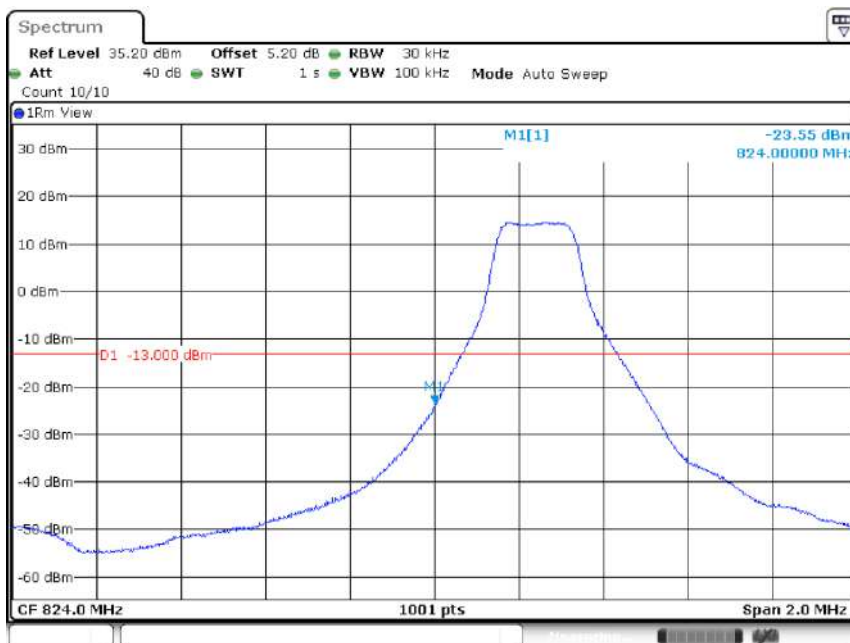


Band5-3MHz-QPSK-20635-15RB#0



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Band5-3MHz-64QAM-20415-1RB#0



Date: 4 SEP. 2020 00:14:34



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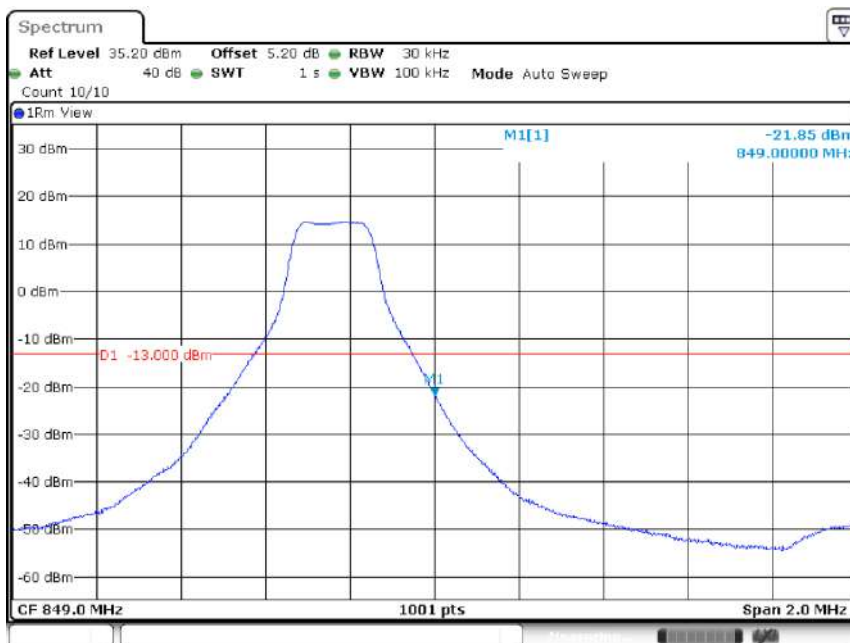
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## Band5-3MHz-64QAM-20415-15RB#0



Date: 4 SEP. 2020 00:14:54

## Band5-3MHz-64QAM-20635-1RB#14



Date: 4 SEP. 2020 00:15:20

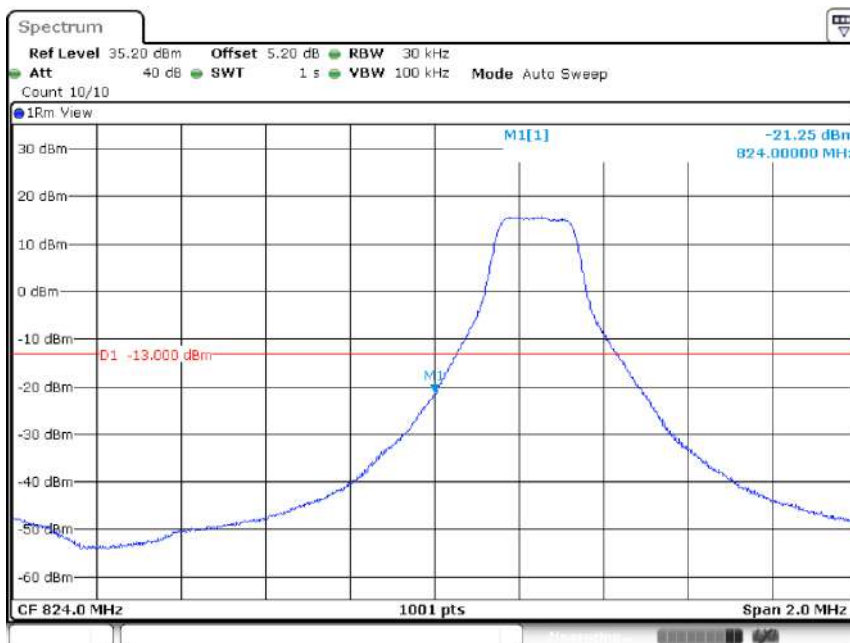


## Band5-3MHz-64QAM-20635-15RB#0



Date: 4 SEP. 2020 00:15:40

## Band5-3MHz-16QAM-20415-1RB#0



Date: 3 SEP. 2020 22:43:44



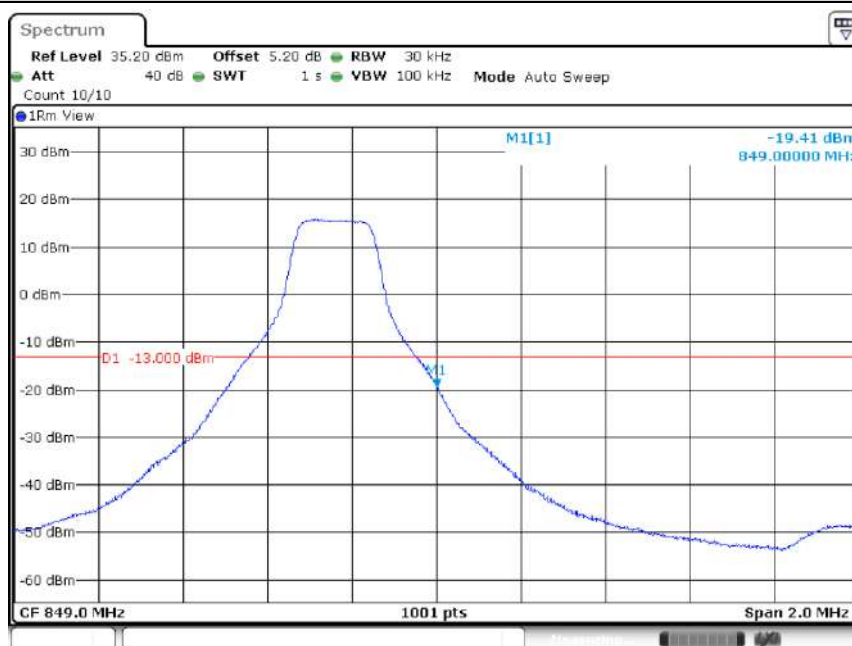


Band5-3MHz-16QAM-20415-15RB#0



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Band5-3MHz-16QAM-20635-1RB#14



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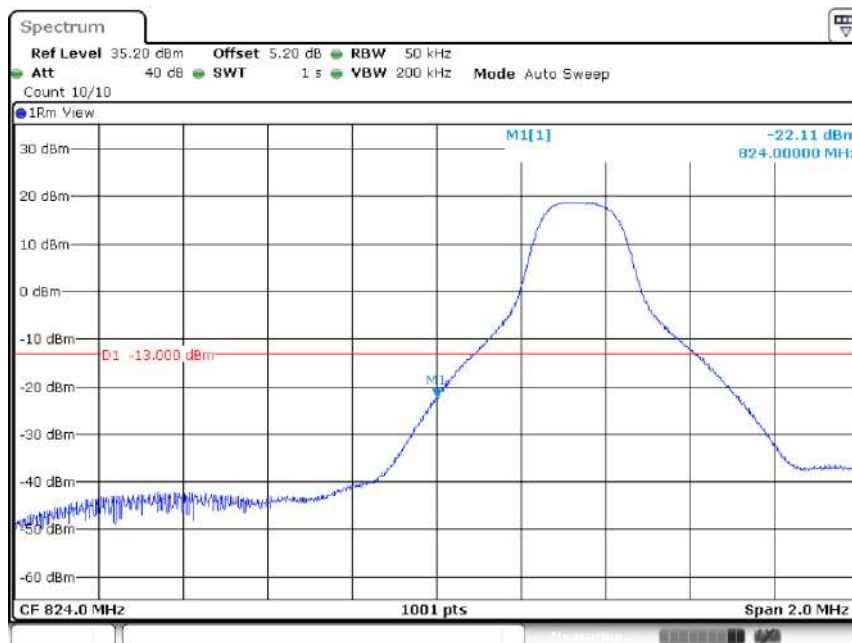
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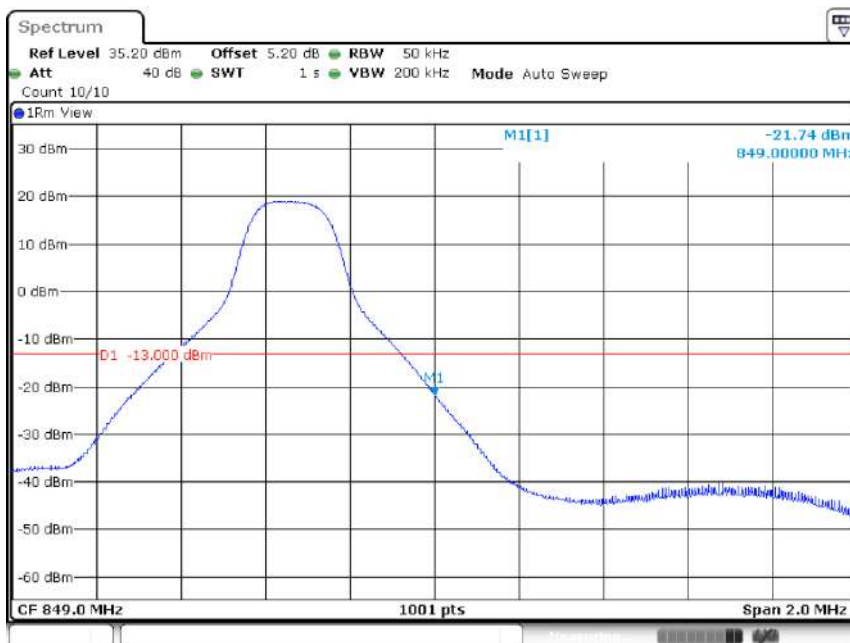
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Band5-5MHz-QPSK-20425-25RB#0



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Band5-5MHz-QPSK-20625-1RB#24



Date: 3 SEP. 2020 22:47:44



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Band5-5MHz-QPSK-20625-25RB#0



Date: 3 SEP. 2020 22:48:25

Band5-5MHz-64QAM-20425-1RB#0



Date: 4 SEP. 2020 00:16:06



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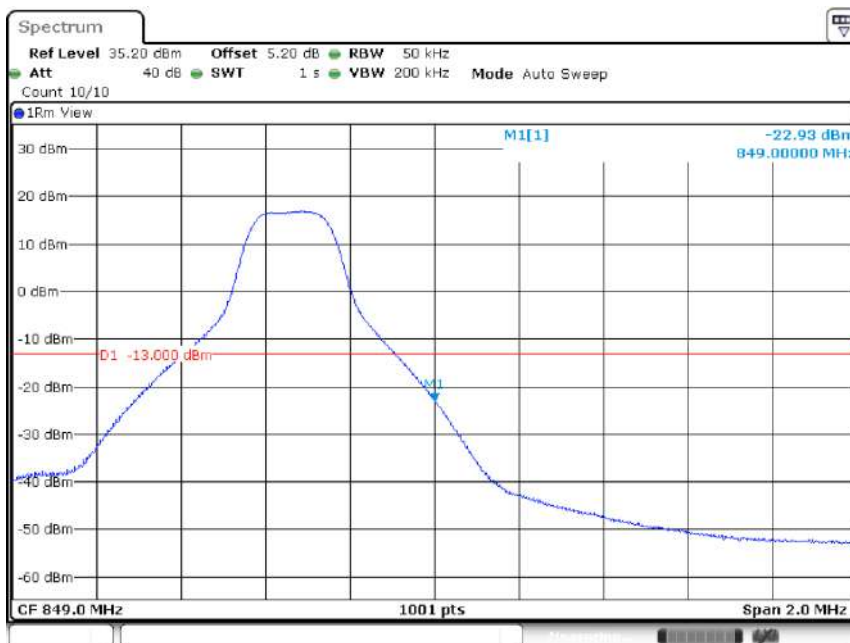
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**Band5-5MHz-64QAM-20425-25RB#0**



Date: 4 SEP.2020 00:16:27

**Band5-5MHz-64QAM-20625-1RB#24**



Date: 4 SEP.2020 00:16:53



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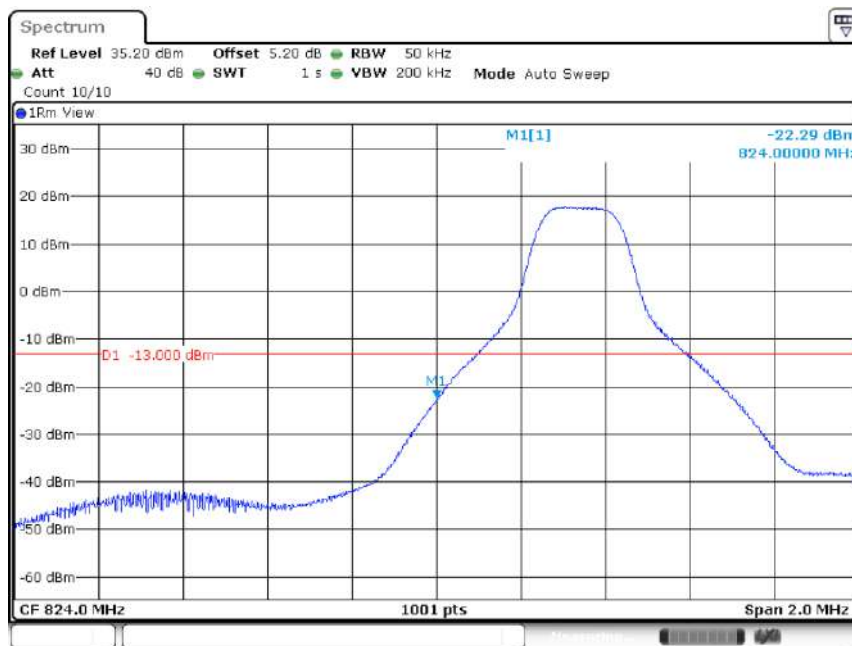
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Band5-5MHz-64QAM-20625-25RB#0



Date: 4 SEP. 2020 00:17:13

Band5-5MHz-16QAM-20425-1RB#0



Date: 3 SEP. 2020 22:46:38



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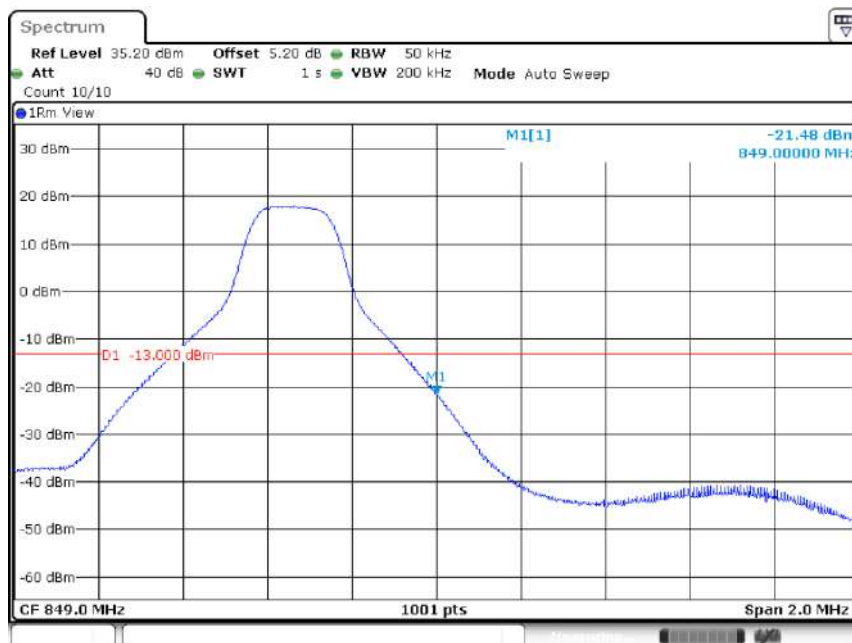
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Band5-5MHz-16QAM-20425-25RB#0



Date: 3.SEP.2020 22:47:19

Band5-5MHz-16QAM-20625-1RB#24



Date: 3.SEP.2020 22:48:05



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## Band5-5MHz-16QAM-20625-25RB#0



Date: 3.SEP.2020 22:48:46

## Band5-10MHz-QPSK-20450-1RB#0



Date: 3.SEP.2020 22:49:12



## Band5-10MHz-QPSK-20450-50RB#0



Date: 3.SEP.2020 22:49:53

## Band5-10MHz-QPSK-20600-1RB#49



Date: 3.SEP.2020 22:50:38



Band5-10MHz-QPSK-20600-50RB#0



Date: 3 SEP. 2020 22:51:19

Band5-10MHz-64QAM-20450-1RB#0



Date: 4 SEP. 2020 00:17:39



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Band5-10MHz-64QAM-20450-50RB#0



Date: 4 SEP.2020 00:17:59

Band5-10MHz-64QAM-20600-1RB#49



Date: 4 SEP.2020 00:18:24



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## Band5-10MHz-64QAM-20600-50RB#0



Date: 4 SEP. 2020 00:18:45

## Band5-10MHz-16QAM-20450-1RB#0



Date: 3 SEP. 2020 22:49:32



## Band5-10MHz-16QAM-20450-50RB#0



Date: 3.SEP.2020 22:50:13

## Band5-10MHz-16QAM-20600-1RB#49



Date: 3.SEP.2020 22:50:59



Band5-10MHz-16QAM-20600-50RB#0



Date: 3 SEP. 2020 22:51:40



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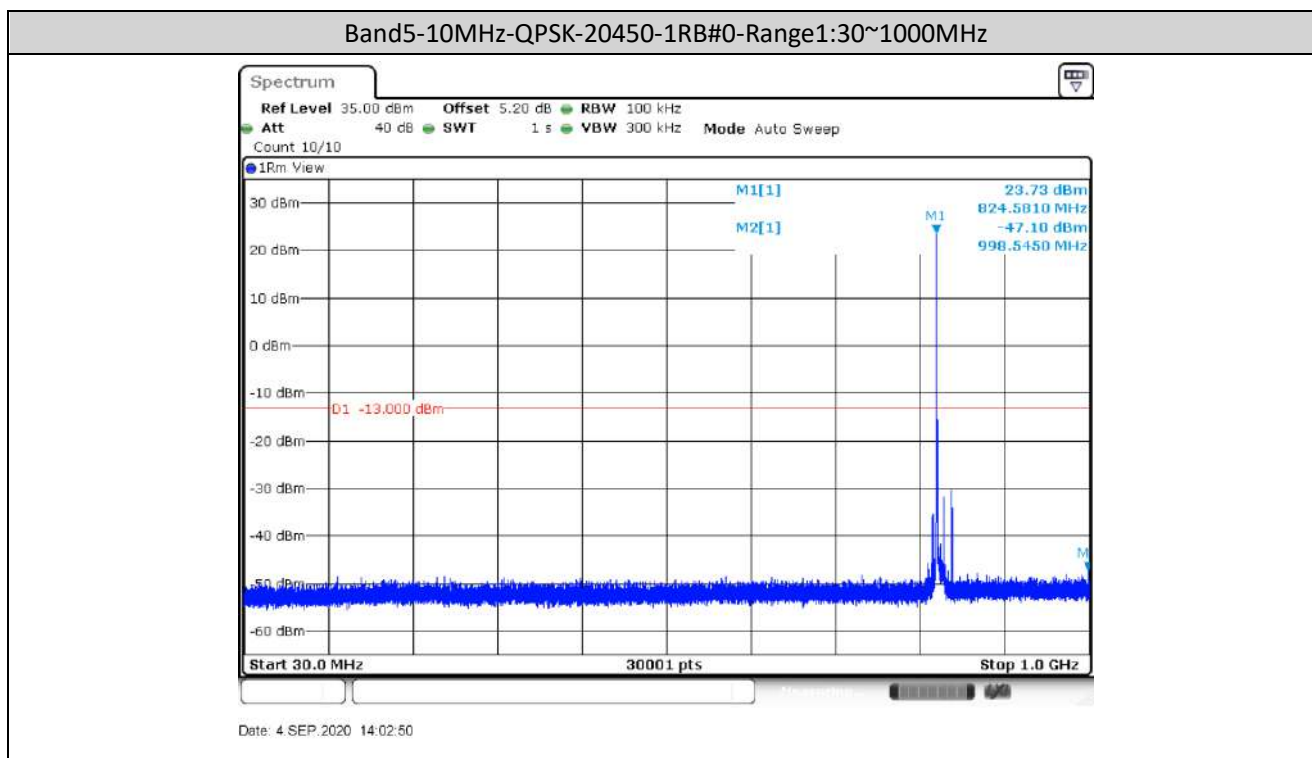
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## 6. Spurious Emission at Antenna Terminal

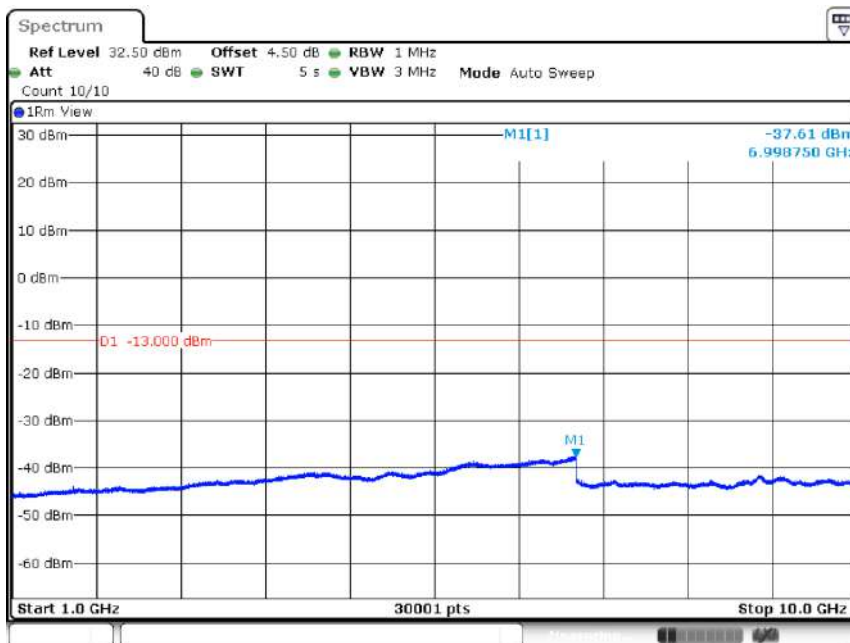
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (\text{Span} / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots

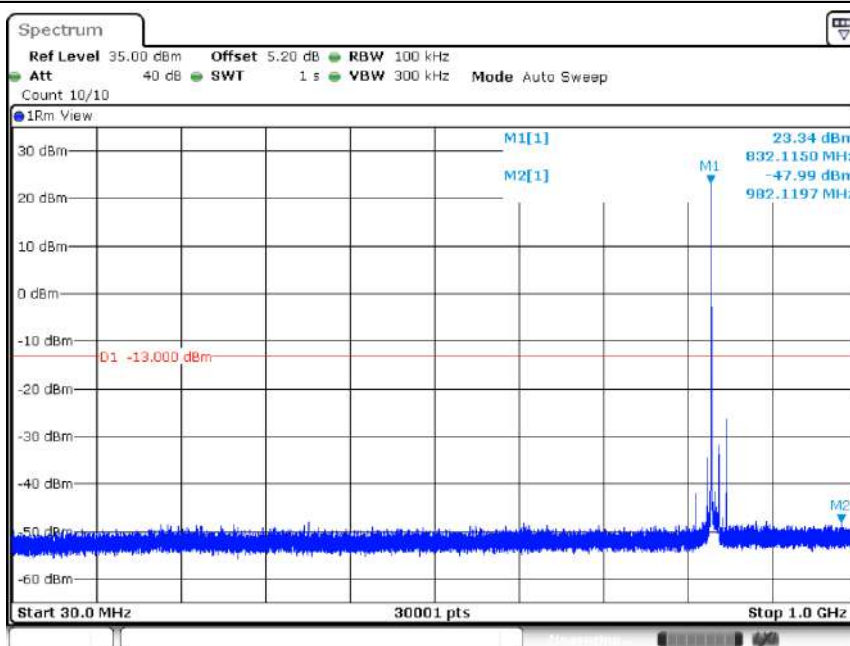


Band5-10MHz-QPSK-20450-1RB#0-Range1:1000~10000MHz



Date: 3 SEP. 2020 22:52:55

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



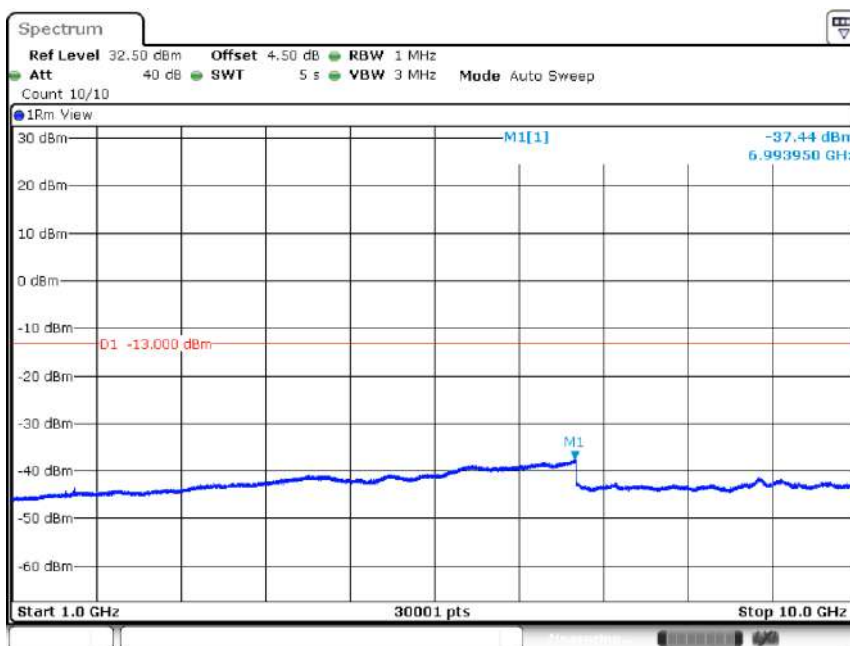
Date: 4 SEP. 2020 14:03:29



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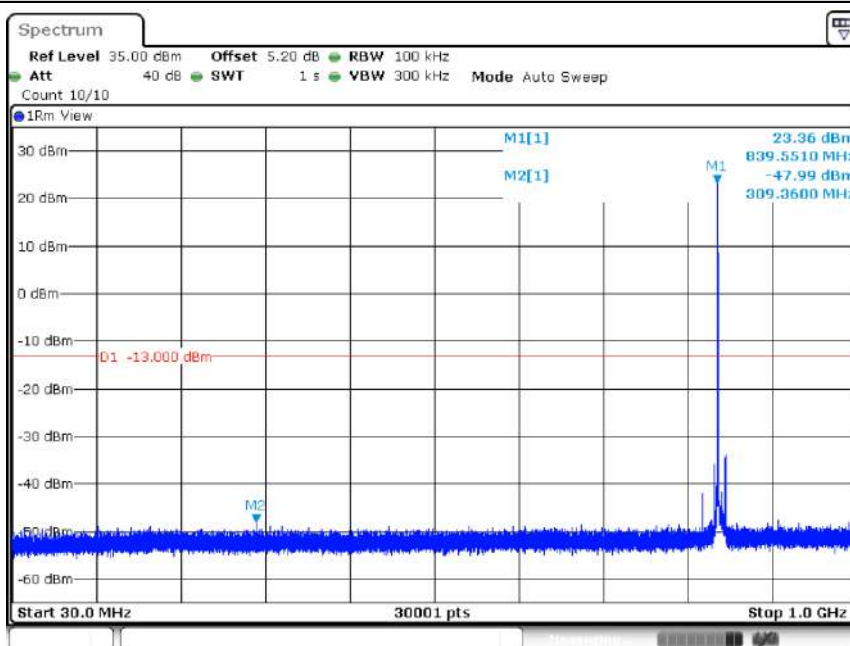
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## Band5-10MHz-QPSK-20525-1RB#0-Range1:1000~10000MHz



Date: 3 SEP. 2020 22:55:17

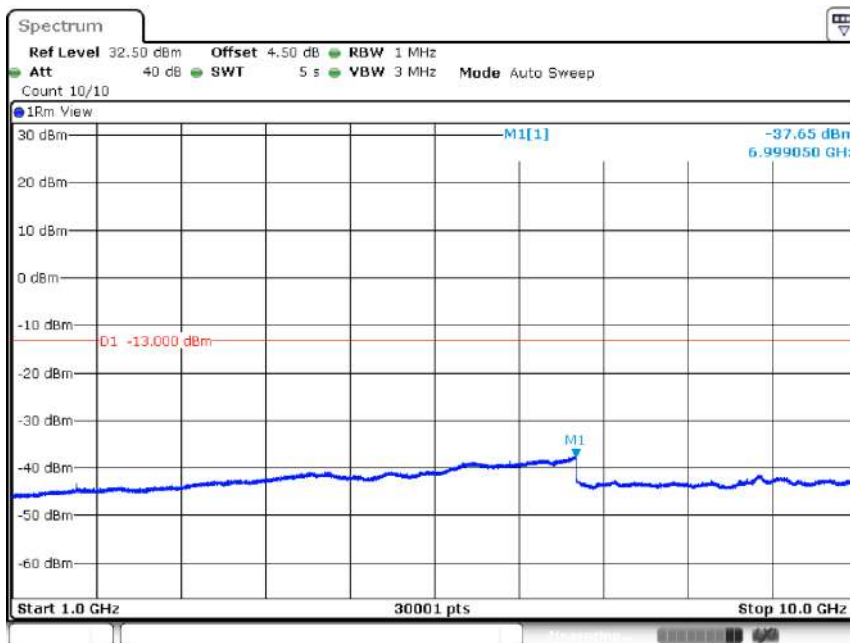
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Date: 4 SEP. 2020 14:04:09

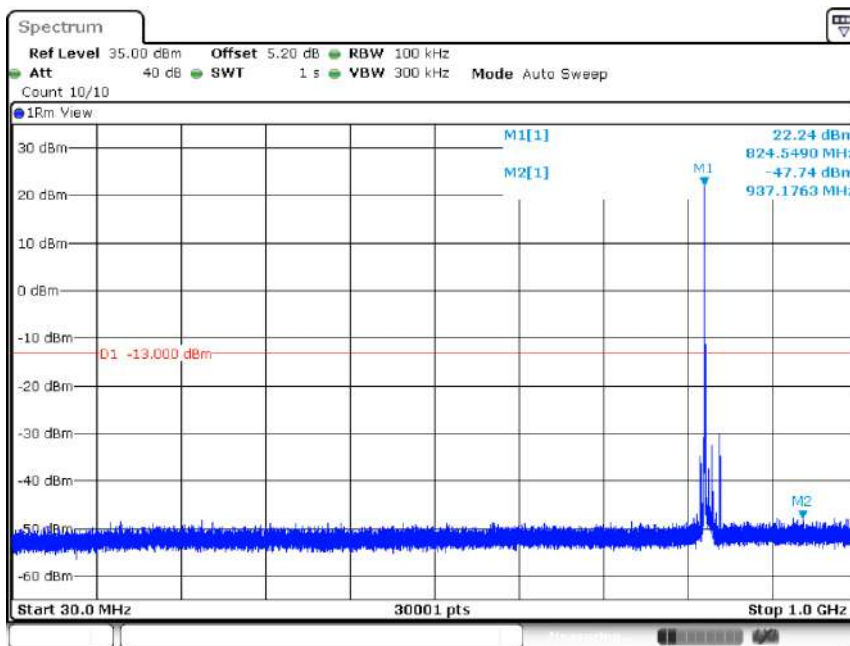


## Band5-10MHz-QPSK-20600-1RB#0-Range1:1000~10000MHz



Date: 3 SEP. 2020 22:57:39

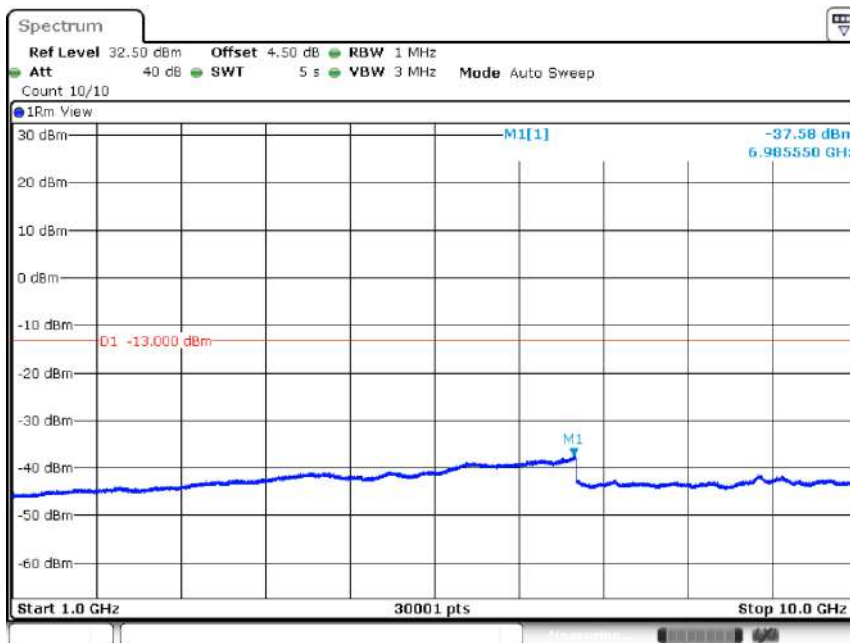
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Date: 4 SEP. 2020 14:05:41

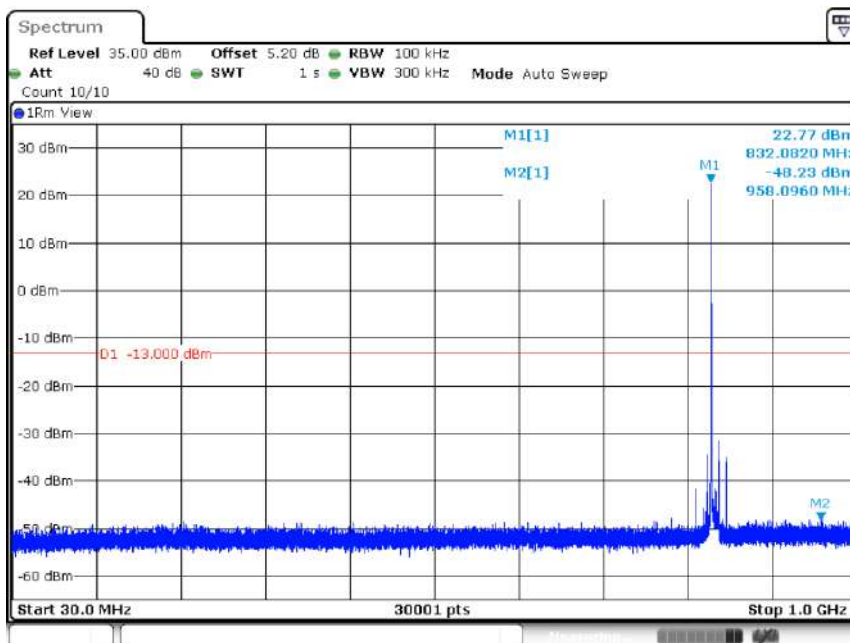


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Date: 4 SEP. 2020 00:20:00

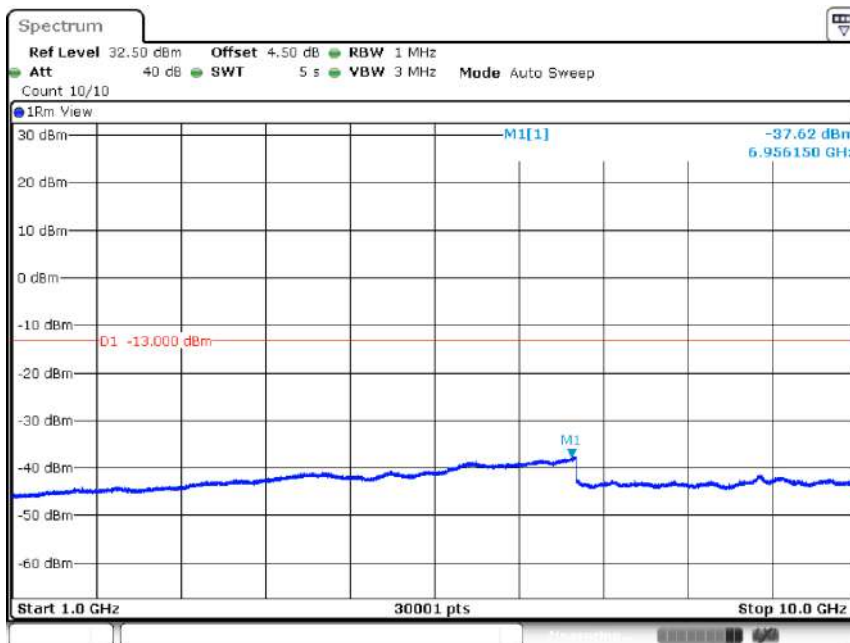
## Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 4 SEP. 2020 14:06:00

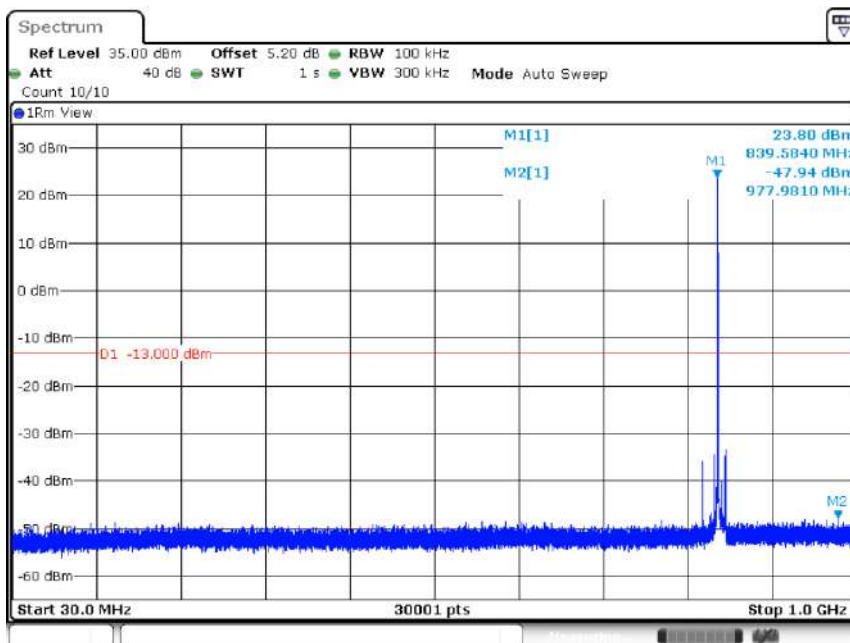


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Date: 4 SEP.2020 00:21:11

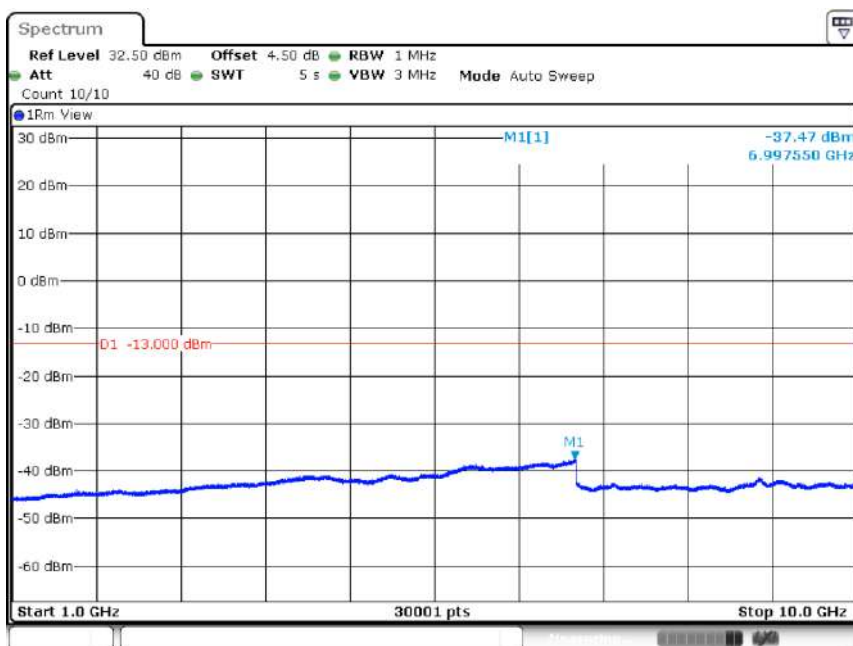
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Date: 4 SEP.2020 14:06:20

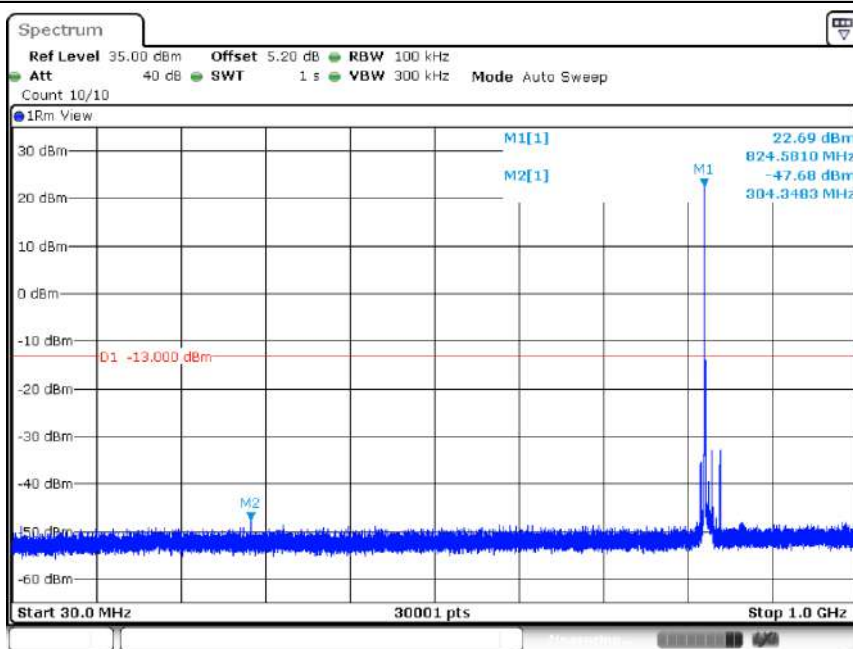


## Band5-10MHz-64QAM-20600-1RB#0-Range1:1000~10000MHz



Date: 4 SEP.2020 00:22:22

## Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 4 SEP.2020 14:03:09

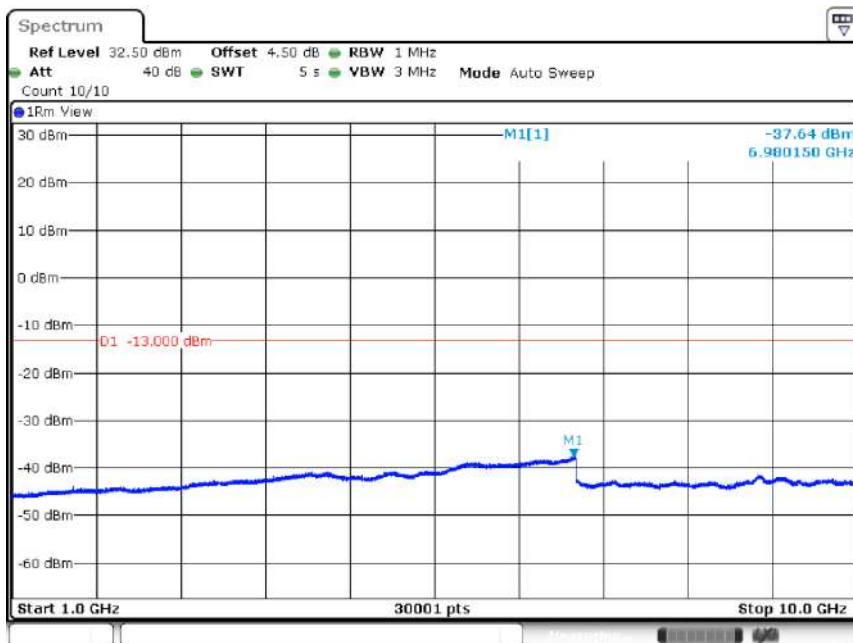
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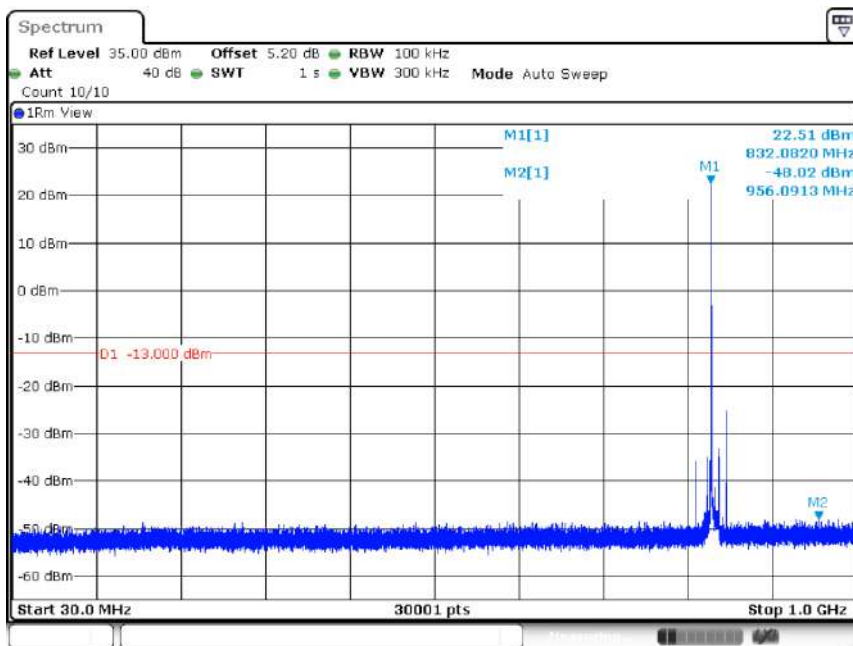
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## Band5-10MHz-16QAM-20450-1RB#0-Range1:1000~10000MHz



Date: 3 SEP. 2020 22:54:06

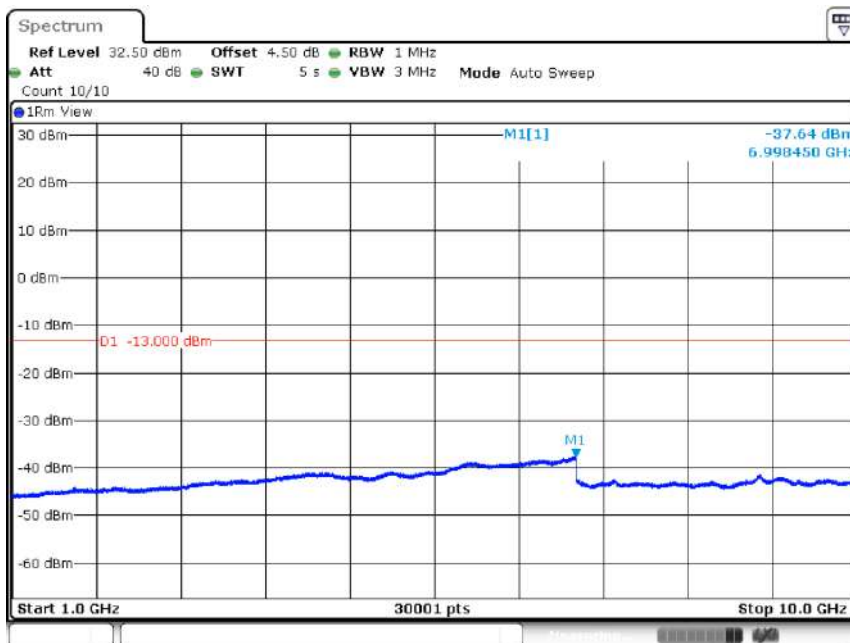
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Date: 4 SEP. 2020 14:03:49

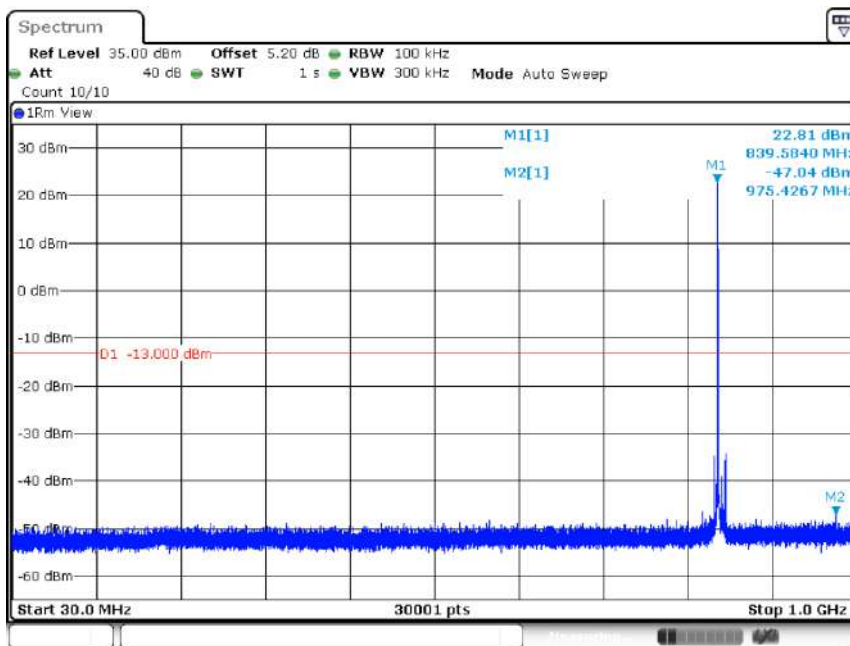


## Band5-10MHz-16QAM-20525-1RB#0-Range1:1000~10000MHz



Date: 3 SEP. 2020 22:56:28

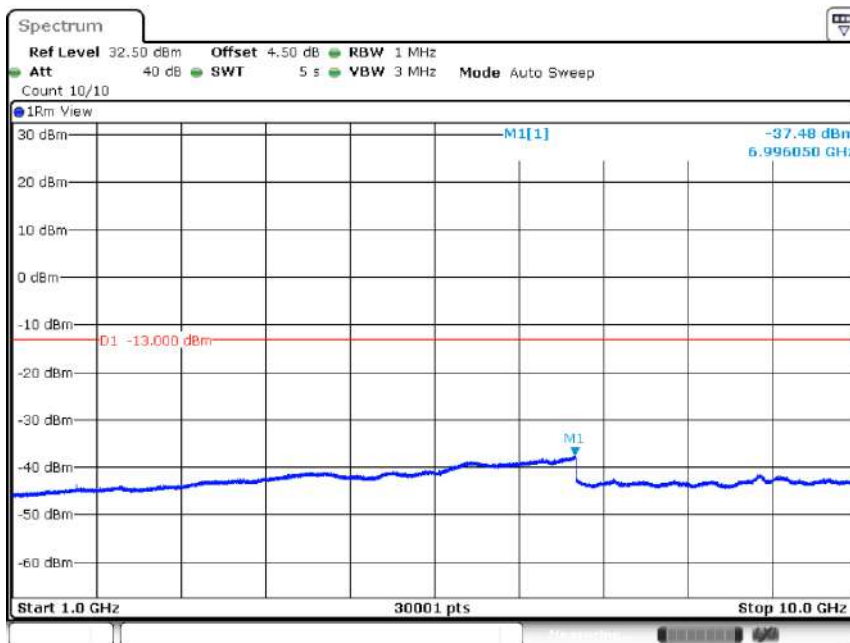
## Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 4 SEP. 2020 14:04:28



Band5-10MHz-16QAM-20600-1RB#0-Range1:1000~10000MHz



Date: 3.SEP.2020 22:58:50



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 10MHz

#### 7.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 46.3938         | -71.07      | -13.00           | 58.07       | 258         | 6         | Vertical     |
| 111.2901        | -62.72      | -13.00           | 49.72       | 284         | 102       | Vertical     |
| 283.1342        | -67.12      | -13.00           | 54.12       | 161         | 38        | Vertical     |
| 1748.1496       | -62.93      | -13.00           | 49.93       | 321         | 20        | Vertical     |
| 2439.0878       | -57.33      | -13.00           | 44.33       | 252         | 129       | Vertical     |
| 7417.6139       | -55.68      | -13.00           | 42.68       | 241         | 134       | Vertical     |
| 45.8118         | -62.54      | -13.00           | 49.54       | 174         | 38        | Horizontal   |
| 77.0474         | -72.61      | -13.00           | 59.61       | 185         | 6         | Horizontal   |
| 235.3593        | -65.20      | -13.00           | 52.20       | 196         | 325       | Horizontal   |
| 1648.9298       | -64.24      | -13.00           | 51.24       | 231         | 53        | Horizontal   |
| 2699.9400       | -55.74      | -13.00           | 42.74       | 262         | 358       | Horizontal   |
| 9303.2434       | -52.40      | -13.00           | 39.40       | 254         | 70        | Horizontal   |

#### 7.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 47.3154         | -69.98      | -13.00           | 56.98       | 284         | 293       | Vertical     |
| 112.4056        | -62.56      | -13.00           | 49.56       | 187         | 70        | Vertical     |
| 383.3402        | -65.91      | -13.00           | 52.91       | 251         | 229       | Vertical     |
| 1778.5557       | -62.87      | -13.00           | 49.87       | 159         | 7         | Vertical     |
| 2464.6929       | -56.12      | -13.00           | 43.12       | 196         | 297       | Vertical     |
| 7460.0820       | -55.69      | -13.00           | 42.69       | 154         | 229       | Vertical     |
| 42.9016         | -61.92      | -13.00           | 48.92       | 152         | 70        | Horizontal   |
| 105.1788        | -72.95      | -13.00           | 59.95       | 231         | 356       | Horizontal   |
| 242.9256        | -65.46      | -13.00           | 52.46       | 251         | 6         | Horizontal   |
| 1664.1328       | -60.60      | -13.00           | 47.60       | 199         | 150       | Horizontal   |
| 2699.5399       | -56.24      | -13.00           | 43.24       | 254         | 187       | Horizontal   |
| 7467.3156       | -56.32      | -13.00           | 43.32       | 154         | 70        | Horizontal   |



### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 53.8632         | -69.46      | -13.00           | 56.46       | 189         | 356       | Vertical     |
| 121.4756        | -62.99      | -13.00           | 49.99       | 258         | 1         | Vertical     |
| 358.5554        | -66.20      | -13.00           | 53.20       | 261         | 289       | Vertical     |
| 1682.1364       | -64.59      | -13.00           | 51.59       | 158         | 296       | Vertical     |
| 2698.3397       | -57.39      | -13.00           | 44.39       | 184         | 207       | Vertical     |
| 9796.2932       | -52.13      | -13.00           | 39.13       | 196         | 1         | Vertical     |
| 44.8902         | -61.95      | -13.00           | 48.95       | 158         | 192       | Horizontal   |
| 109.0105        | -73.00      | -13.00           | 60.00       | 258         | 31        | Horizontal   |
| 243.0712        | -65.71      | -13.00           | 52.71       | 264         | 31        | Horizontal   |
| 1924.1848       | -61.67      | -13.00           | 48.67       | 154         | 154       | Horizontal   |
| 2701.5403       | -56.19      | -13.00           | 43.19       | 184         | 76        | Horizontal   |
| 7459.6153       | -56.11      | -13.00           | 43.11       | 196         | 1         | Horizontal   |

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VL            | NT               | 0.70           | 0.000844        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VN            | NT               | -0.40          | -0.000483       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VH            | NT               | -0.30          | -0.000362       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VL            | NT               | -1.30          | -0.001554       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VN            | NT               | -0.10          | -0.000120       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VH            | NT               | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VL            | NT               | -1.10          | -0.001303       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VN            | NT               | -1.70          | -0.002014       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VH            | NT               | -0.40          | -0.000474       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VL            | NT               | 1.30           | 0.001568        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VN            | NT               | -1.50          | -0.001809       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VH            | NT               | 0.20           | 0.000241        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VL            | NT               | -1.40          | -0.001674       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VN            | NT               | -0.90          | -0.001076       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VH            | NT               | -1.70          | -0.002032       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VL            | NT               | -1.30          | -0.001540       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VN            | NT               | -2.00          | -0.002370       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VH            | NT               | 0.50           | 0.000592        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VL            | NT               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VN            | NT               | -0.50          | -0.000603       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VH            | NT               | -0.70          | -0.000844       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VL            | NT               | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VN            | NT               | 0.60           | 0.000717        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VH            | NT               | 0.60           | 0.000717        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VL            | NT               | -0.80          | -0.000948       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VN            | NT               | -1.40          | -0.001659       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VH            | NT               | -0.80          | -0.000948       | ±2.5        | PASS    |



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## 8.2. Frequency Vs Temperature

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -30              | -0.70          | -0.000844       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -20              | 0.40           | 0.000483        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -10              | 0.20           | 0.000241        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 0                | -0.60          | -0.000724       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 10               | -0.70          | -0.000844       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 20               | 1.10           | 0.001327        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 30               | 0.70           | 0.000844        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 40               | 0.10           | 0.000121        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 50               | 0.40           | 0.000483        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | -30              | 0.80           | 0.000956        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | -20              | -2.80          | -0.003347       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | -10              | -0.60          | -0.000717       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 0                | -1.80          | -0.002152       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 10               | -3.40          | -0.004065       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 20               | -0.30          | -0.000359       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 30               | -1.80          | -0.002152       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 40               | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 50               | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | -30              | -0.90          | -0.001066       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | -20              | -1.10          | -0.001303       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | -10              | -2.60          | -0.003081       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 0                | 0.80           | 0.000948        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 10               | 0.50           | 0.000592        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 20               | 0.20           | 0.000237        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 30               | -0.50          | -0.000592       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 40               | -0.70          | -0.000829       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 50               | -1.10          | -0.001303       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -30              | -0.40          | -0.000483       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -20              | -0.30          | -0.000362       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -10              | 0.80           | 0.000965        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 0                | -0.40          | -0.000483       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 10               | -1.30          | -0.001568       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 20               | -0.20          | -0.000241       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 30               | -1.80          | -0.002171       | ±2.5        | PASS    |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 40  | -2.10 | -0.002533 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 50  | 1.10  | 0.001327  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -30 | 0.80  | 0.000956  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -20 | -1.10 | -0.001315 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -10 | -0.30 | -0.000359 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 0   | -0.50 | -0.000598 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 10  | -0.40 | -0.000478 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 20  | -0.10 | -0.000120 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 30  | -0.20 | -0.000239 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 40  | -2.40 | -0.002869 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 50  | -0.80 | -0.000956 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -30 | 0.20  | 0.000237  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -20 | -1.30 | -0.001540 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -10 | -0.80 | -0.000948 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 0   | 0.10  | 0.000118  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 10  | -1.40 | -0.001659 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 20  | 0.70  | 0.000829  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 30  | -0.80 | -0.000948 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 40  | -1.30 | -0.001540 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 50  | -1.80 | -0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | 0.90  | 0.001086  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 1.40  | 0.001689  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | -1.00 | -0.001206 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | -2.70 | -0.003257 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | -2.00 | -0.002413 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | -1.10 | -0.001327 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30  | 0.50  | 0.000603  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40  | -0.50 | -0.000603 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50  | -0.20 | -0.000241 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | -2.40 | -0.002869 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | -1.80 | -0.002152 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | -0.50 | -0.000598 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | -1.50 | -0.001793 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | 0.10  | 0.000120  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | -0.90 | -0.001076 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30  | 0.90  | 0.001076  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40  | -1.70 | -0.002032 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50  | -0.10 | -0.000120 | ±2.5 | PASS |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -1.10 | -0.001303 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | -1.90 | -0.002251 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | -0.20 | -0.000237 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | 0.50  | 0.000592  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | 0.10  | 0.000118  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | -0.40 | -0.000474 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30  | -0.40 | -0.000474 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40  | 1.00  | 0.001185  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50  | -1.80 | -0.002133 | ±2.5 | PASS |



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