

# 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            | 22.77                | 15.72     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 22.41                | 15.36     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 22.96                | 15.91     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 22.45                | 15.40     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 22.44                | 15.39     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 22.57                | 15.52     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 21.49                | 14.44     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 22.90                | 15.85     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 22.66                | 15.61     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 23.02                | 15.97     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 22.48                | 15.43     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 22.60                | 15.55     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 22.55                | 15.50     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 21.55                | 14.50     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 22.96                | 15.91     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 22.65                | 15.60     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 22.80                | 15.75     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 22.65                | 15.60     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 22.78                | 15.73     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 22.76                | 15.71     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 21.79                | 14.74     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | 20.68                | 13.63     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#2            | 20.83                | 13.78     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#5            | 20.77                | 13.72     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#0            | 20.75                | 13.70     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#1            | 20.57                | 13.52     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#3            | 20.66                | 13.61     | 38.45       | PASS    |



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|       |        |       |       |       |       |       |       |      |
|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 19.29 | 12.24 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 20.76 | 13.71 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 20.96 | 13.91 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 20.87 | 13.82 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 20.77 | 13.72 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 20.79 | 13.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 19.38 | 12.33 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 21.04 | 13.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 20.61 | 13.56 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 20.67 | 13.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 20.56 | 13.51 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 20.62 | 13.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 20.71 | 13.66 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 19.41 | 12.36 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 21.69 | 14.64 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 21.99 | 14.94 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 22.05 | 15.00 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 21.54 | 14.49 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 21.55 | 14.50 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 21.49 | 14.44 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 20.52 | 13.47 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 22.21 | 15.16 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 22.21 | 15.16 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 22.16 | 15.11 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 21.51 | 14.46 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 21.62 | 14.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 21.62 | 14.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 22.15 | 15.10 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 22.02 | 14.97 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 21.95 | 14.90 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 21.82 | 14.77 | 38.45 | PASS |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.76 | 14.71 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.78 | 14.73 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 20.80 | 13.75 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 22.60 | 15.55 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 22.41 | 15.36 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 22.29 | 15.24 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 21.36 | 14.31 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 21.38 | 14.33 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 21.38 | 14.33 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 21.36 | 14.31 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 22.75 | 15.70 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 22.39 | 15.34 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 22.45 | 15.40 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 21.46 | 14.41 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 21.48 | 14.43 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 21.50 | 14.45 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 22.86 | 15.81 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 22.84 | 15.79 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 22.55 | 15.50 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 21.59 | 14.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 21.59 | 14.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 21.59 | 14.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 21.61 | 14.56 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#0  | 20.68 | 13.63 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#8  | 20.88 | 13.83 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#14 | 20.78 | 13.73 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#0  | 19.34 | 12.29 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#4  | 19.33 | 12.28 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#7  | 19.26 | 12.21 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 15RB#0 | 19.29 | 12.24 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20525 | 1RB#0  | 20.76 | 13.71 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20525 | 1RB#8  | 21.03 | 13.98 | 38.45 | PASS |



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|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 20.82 | 13.77 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0  | 19.24 | 12.19 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4  | 19.30 | 12.25 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7  | 19.34 | 12.29 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 19.38 | 12.33 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0  | 21.04 | 13.99 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8  | 20.72 | 13.67 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 21.02 | 13.97 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0  | 19.54 | 12.49 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4  | 19.45 | 12.40 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7  | 19.41 | 12.36 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 19.41 | 12.36 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 21.88 | 14.83 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 22.13 | 15.08 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.00 | 14.95 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0  | 20.44 | 13.39 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4  | 20.43 | 13.38 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7  | 20.38 | 13.33 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 20.39 | 13.34 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0  | 21.98 | 14.93 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8  | 22.26 | 15.21 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 22.01 | 14.96 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0  | 20.38 | 13.33 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4  | 20.41 | 13.36 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7  | 20.46 | 13.41 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 20.50 | 13.45 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0  | 22.25 | 15.20 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8  | 21.91 | 14.86 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.22 | 15.17 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0  | 20.63 | 13.58 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4  | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7  | 20.51 | 13.46 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 20.53 | 13.48 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 22.68 | 15.63 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.46 | 15.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 22.37 | 15.32 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 21.44 | 14.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 21.48 | 14.43 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 21.47 | 14.42 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 21.43 | 14.38 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 22.84 | 15.79 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 22.49 | 15.44 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 22.54 | 15.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 21.51 | 14.46 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 21.54 | 14.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 21.57 | 14.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 21.55 | 14.50 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 22.91 | 15.86 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 22.93 | 15.88 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 22.64 | 15.59 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 21.69 | 14.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 21.69 | 14.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 21.64 | 14.59 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 21.68 | 14.63 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0   | 20.46 | 13.41 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12  | 20.78 | 13.73 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24  | 20.83 | 13.78 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0  | 19.40 | 12.35 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6  | 19.40 | 12.35 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 19.39 | 12.34 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0  | 19.42 | 12.37 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0   | 20.97 | 13.92 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12  | 20.99 | 13.94 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24  | 20.97 | 13.92 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0  | 19.38 | 12.33 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6  | 19.49 | 12.44 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 64QAM | 20525 | 12RB#13 | 19.50 | 12.45 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 25RB#0  | 19.47 | 12.42 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#0   | 20.92 | 13.87 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#12  | 20.78 | 13.73 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#24  | 20.73 | 13.68 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#0  | 19.69 | 12.64 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#6  | 19.61 | 12.56 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#13 | 19.67 | 12.62 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 25RB#0  | 19.69 | 12.64 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 21.98 | 14.93 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.18 | 15.13 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 22.08 | 15.03 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 20.53 | 13.48 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 20.46 | 13.41 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 20.49 | 13.44 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.06 | 15.01 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.33 | 15.28 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.12 | 15.07 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 20.44 | 13.39 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 20.50 | 13.45 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 20.54 | 13.49 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.34 | 15.29 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.02 | 14.97 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.32 | 15.27 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 20.74 | 13.69 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 20.65 | 13.60 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 20.61 | 13.56 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 20.61 | 13.56 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 22.83 | 15.78 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 22.50 | 15.45 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.04 | 15.99 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 21.53 | 14.48 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 21.55 | 14.50 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 21.68 | 14.63 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 21.58 | 14.53 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 22.96 | 15.91 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.74 | 15.69 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.11 | 16.06 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 21.57 | 14.52 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 21.66 | 14.61 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 21.93 | 14.88 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 21.64 | 14.59 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 22.96 | 15.91 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 22.72 | 15.67 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 22.98 | 15.93 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 21.75 | 14.70 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 21.89 | 14.84 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 21.82 | 14.77 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 21.85 | 14.80 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0   | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24  | 20.83 | 13.78 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49  | 20.70 | 13.65 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0  | 19.24 | 12.19 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 19.23 | 12.18 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 19.18 | 12.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0  | 19.19 | 12.14 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0   | 20.68 | 13.63 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24  | 20.96 | 13.91 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49  | 20.71 | 13.66 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0  | 19.18 | 12.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 19.21 | 12.16 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 19.26 | 12.21 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0  | 19.30 | 12.25 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0   | 20.95 | 13.90 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24  | 20.61 | 13.56 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49  | 20.92 | 13.87 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0  | 19.43 | 12.38 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 19.34 | 12.29 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 19.31 | 12.26 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0  | 19.33 | 12.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 21.76 | 14.71 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.08 | 15.03 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.13 | 15.08 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 20.60 | 13.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 20.59 | 13.54 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 20.62 | 13.57 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.27 | 15.22 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.29 | 15.24 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.27 | 15.22 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 20.58 | 13.53 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 20.69 | 13.64 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 20.70 | 13.65 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 20.67 | 13.62 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.22 | 15.17 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.08 | 15.03 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.03 | 14.98 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 20.89 | 13.84 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 20.81 | 13.76 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 20.87 | 13.82 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 20.89 | 13.84 | 38.45 | PASS |

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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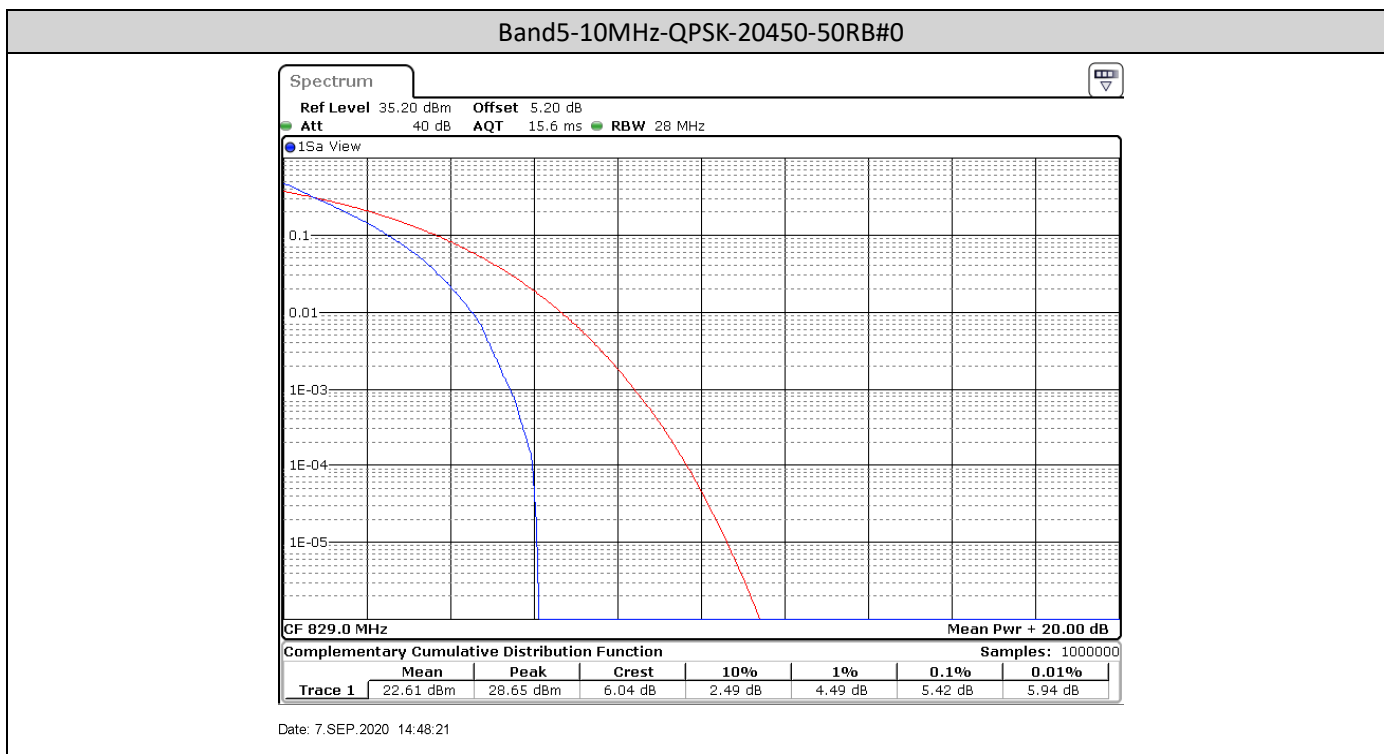


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 5.42       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 5.48       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 5.39       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 6.61       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0           | 6.64       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0           | 6.64       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 6.26       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 6.23       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 6.20       | 13        | PASS    |

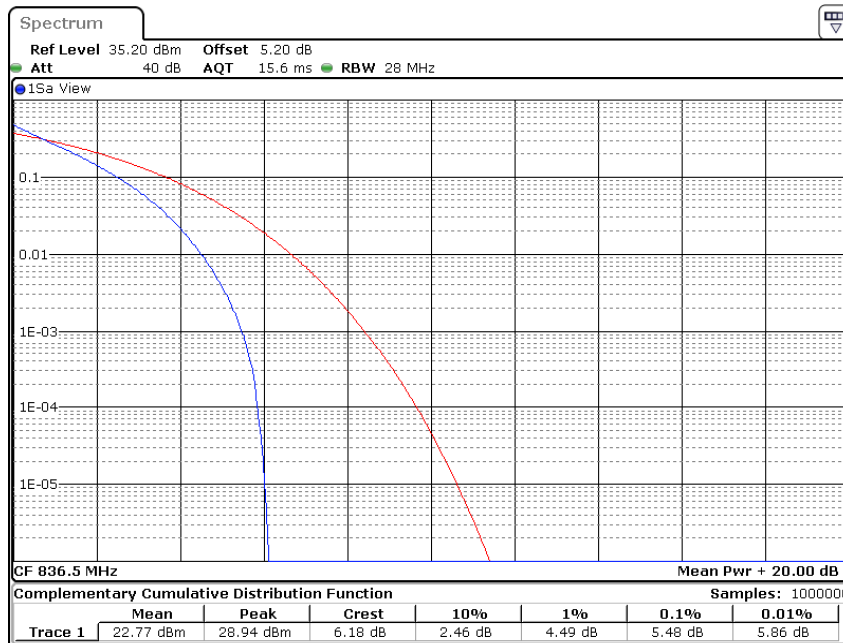
### 2.2. Test Plots



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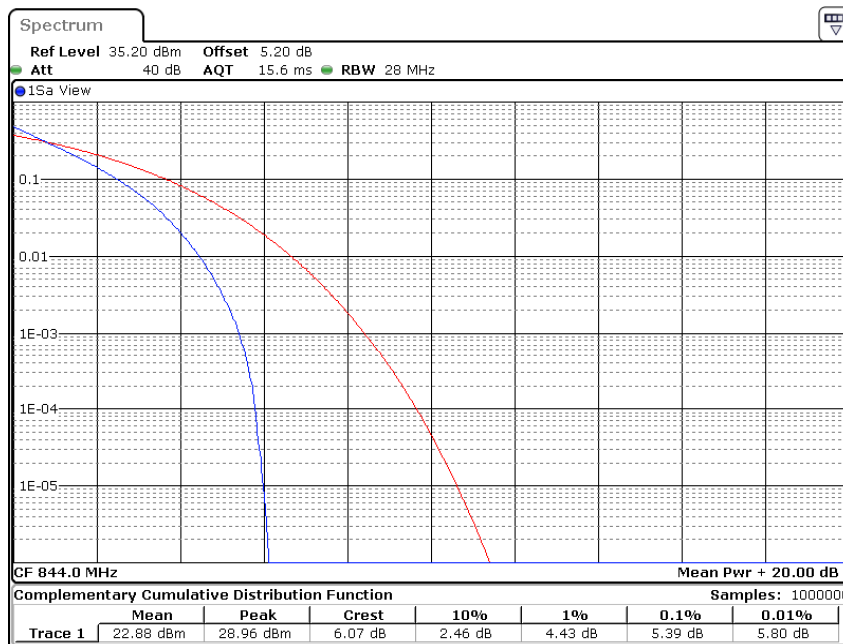
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**Band5-10MHz-QPSK-20525-50RB#0**



Date: 7.SEP.2020 14:48:44

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



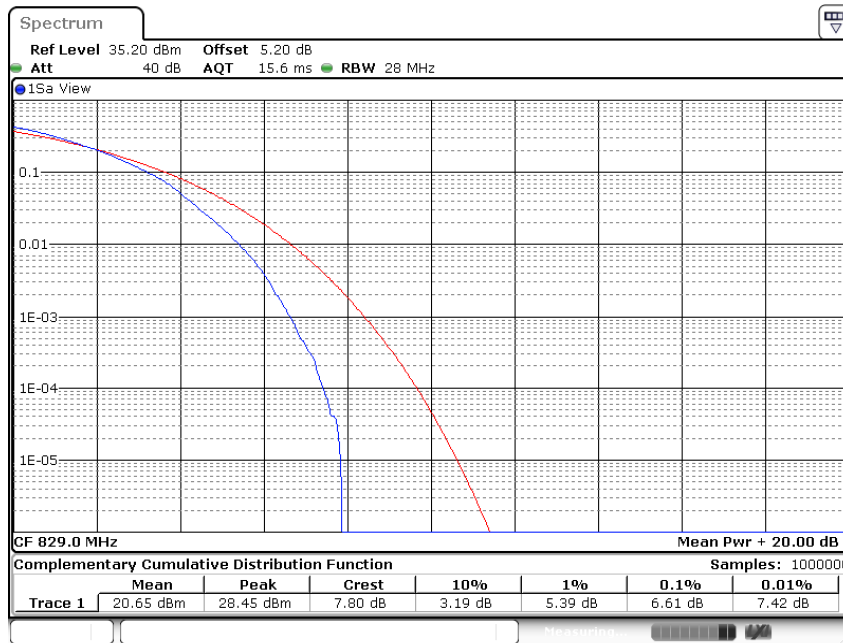
Date: 7.SEP.2020 14:49:06



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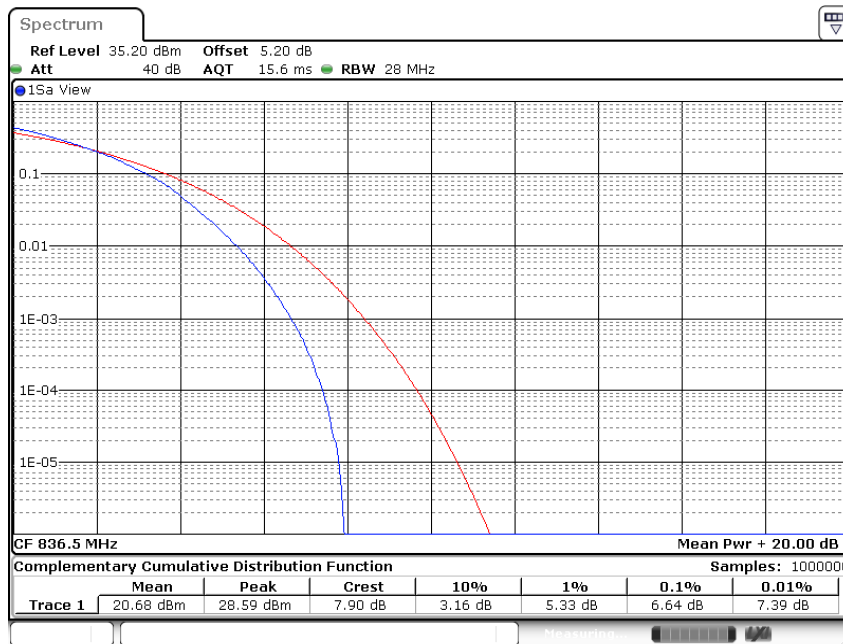


**Band5-10MHz-64QAM-20450-50RB#0**



Date: 8.SEP.2020 19:37:57

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

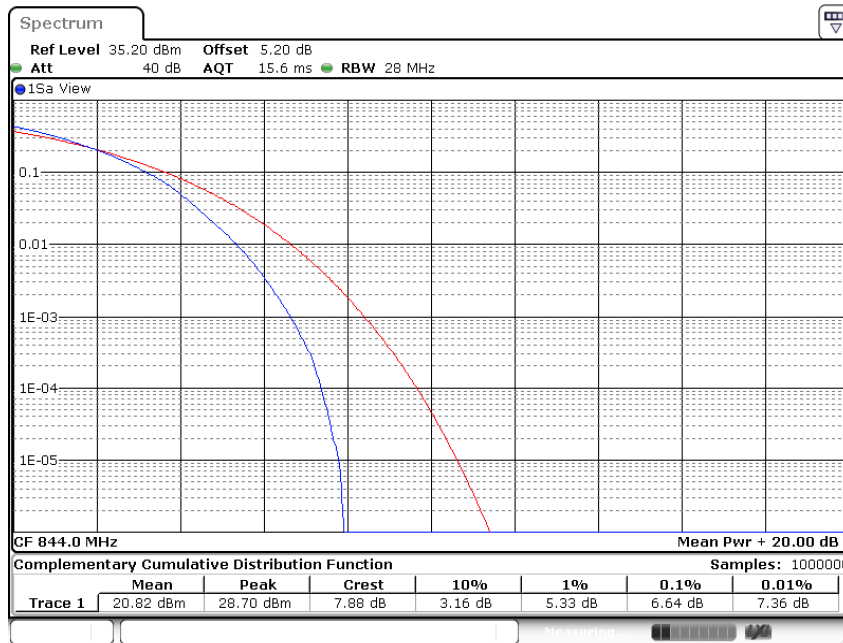


Date: 8.SEP.2020 19:38:09



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



Date: 8.SEP.2020 19:38:21

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



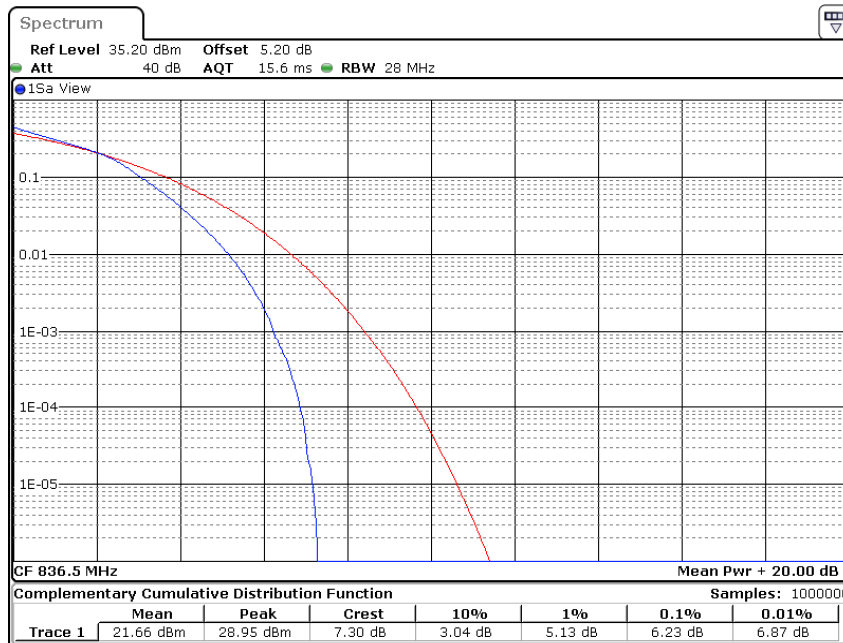
Date: 7.SEP.2020 14:48:33



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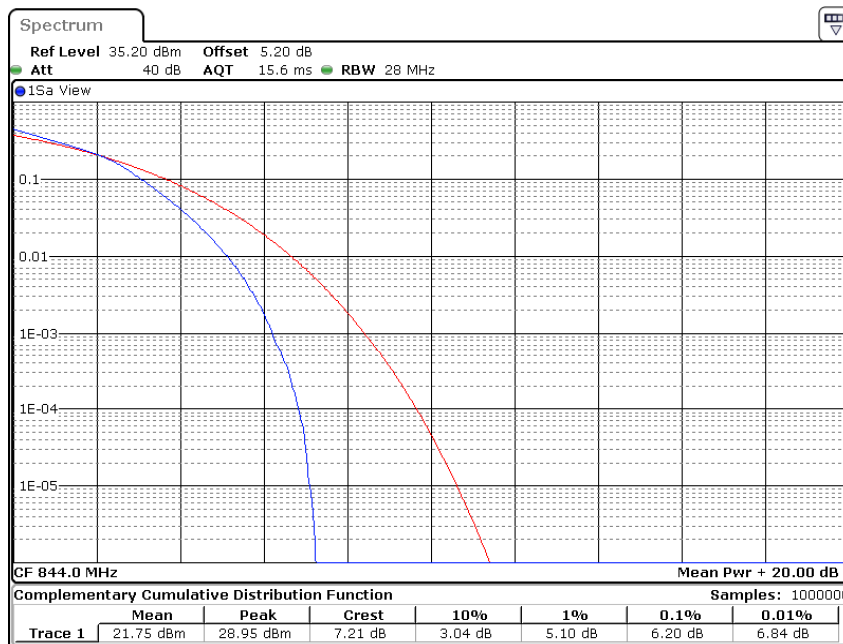
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**Band5-10MHz-16QAM-20525-50RB#0**



Date: 7.SEP.2020 14:48:55

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



Date: 7.SEP.2020 14:49:18



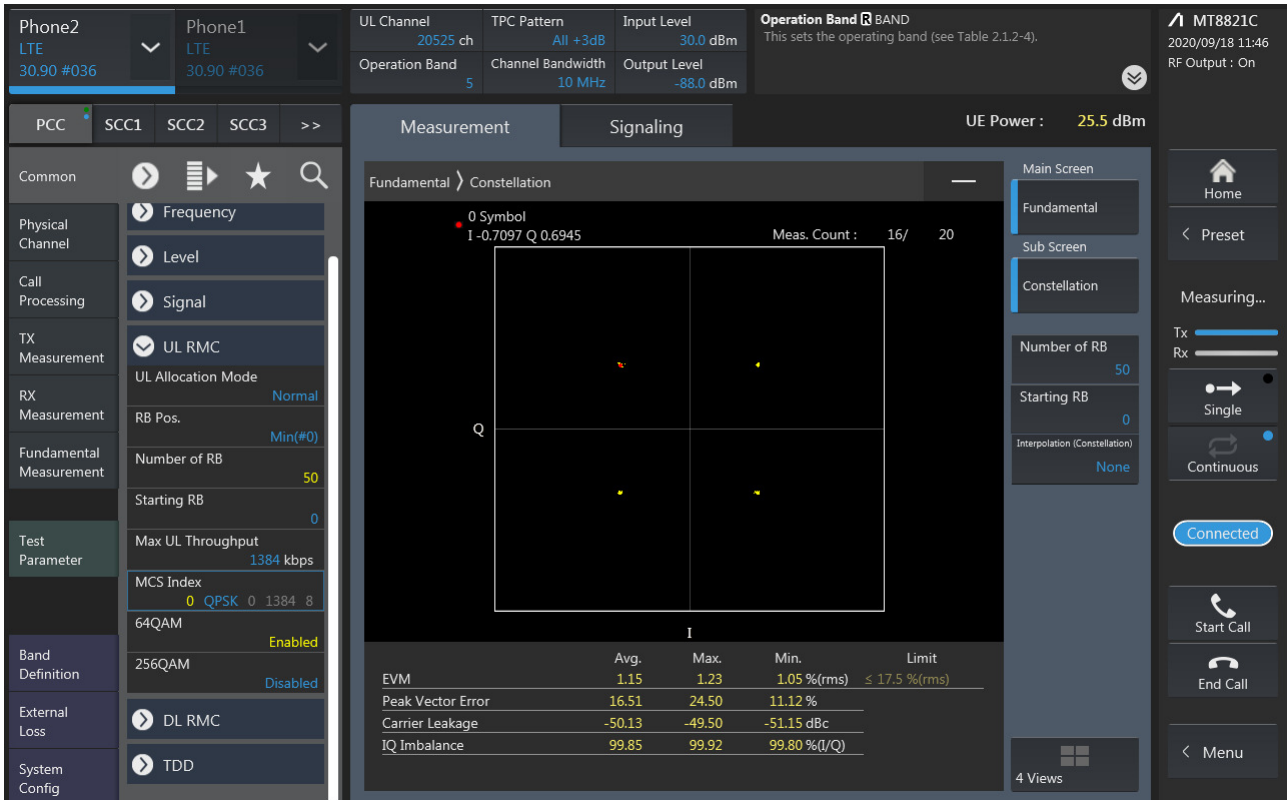
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### 3. Modulation Characteristics

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

##### 3.1.1. Test Channel = MCH



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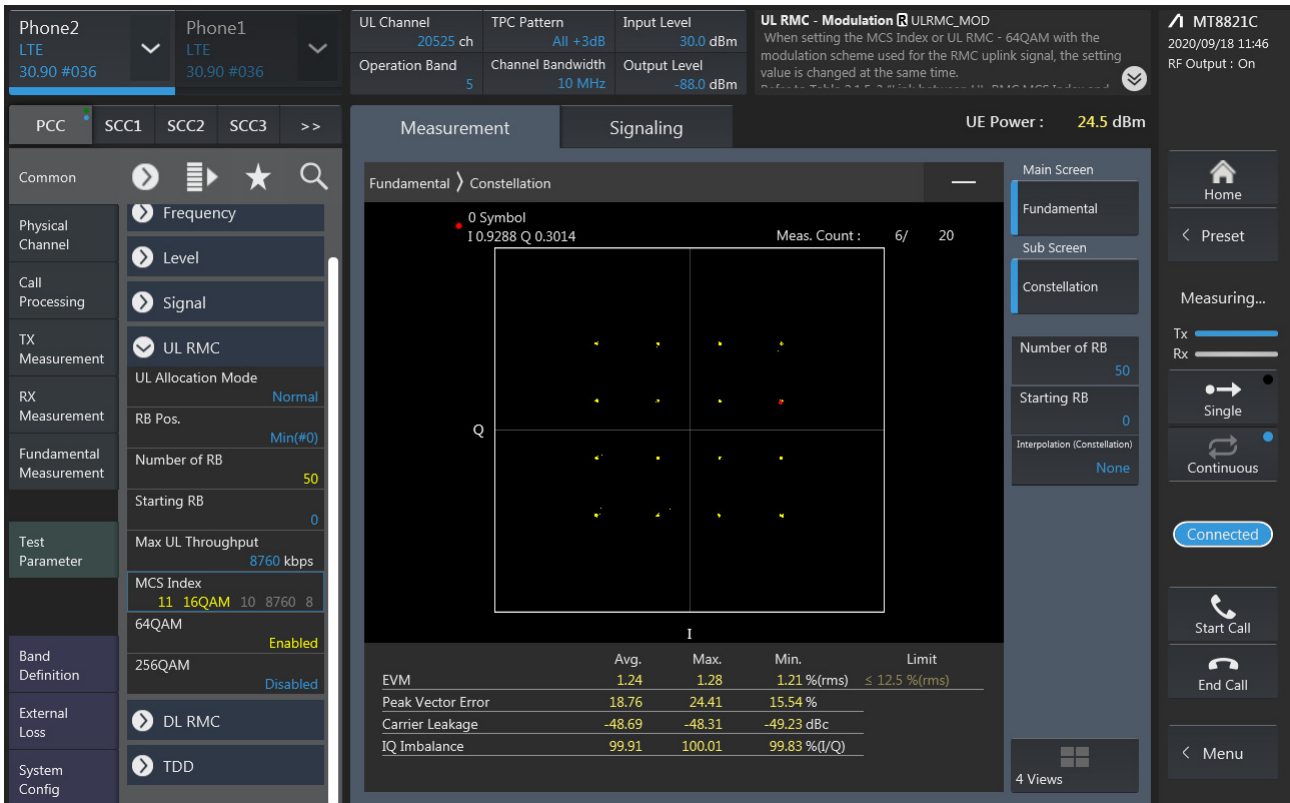
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### 3.2. Test Mode = LTE /TM2 10MHz

#### 3.2.1. Test Channel = MCH



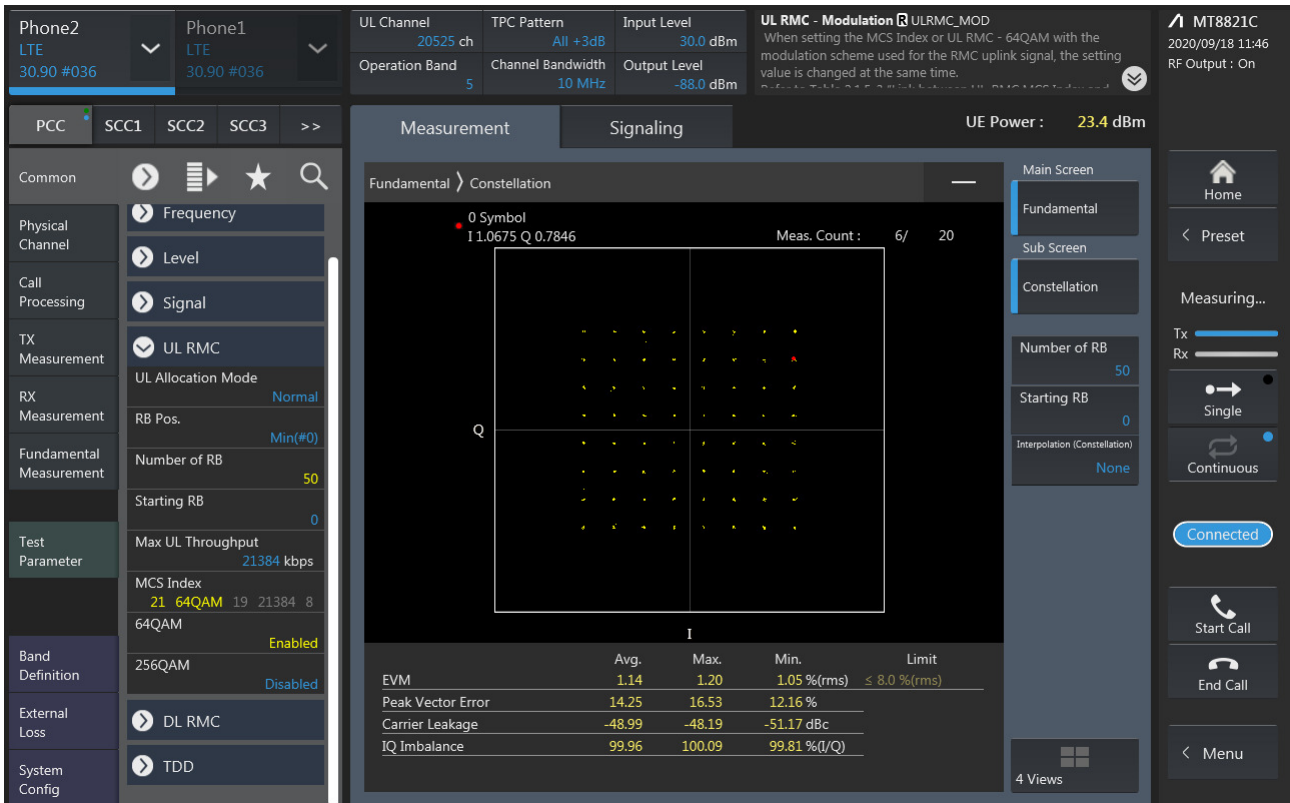
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 3.3.1. Test Channel = MCH



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## 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            | 1.094                    | 1.287                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.094                    | 1.287                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.091                    | 1.284                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 1.1                      | 1.302                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 1.094                    | 1.302                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 1.097                    | 1.302                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.088                    | 1.290                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.091                    | 1.281                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.091                    | 1.284                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.697                    | 2.994                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.697                    | 2.994                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | 2.697                    | 2.970                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20525   | 15RB#0           | 2.685                    | 2.976                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.685                    | 2.976                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.691                    | 2.970                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.685                    | 2.970                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.466                    | 4.930                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.476                    | 4.950                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 25RB#0           | 4.466                    | 4.910                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20525   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.476                    | 4.940                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.476                    | 4.940                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.911                    | 9.740                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.951                    | 9.660                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.931                    | 9.700                | PASS    |



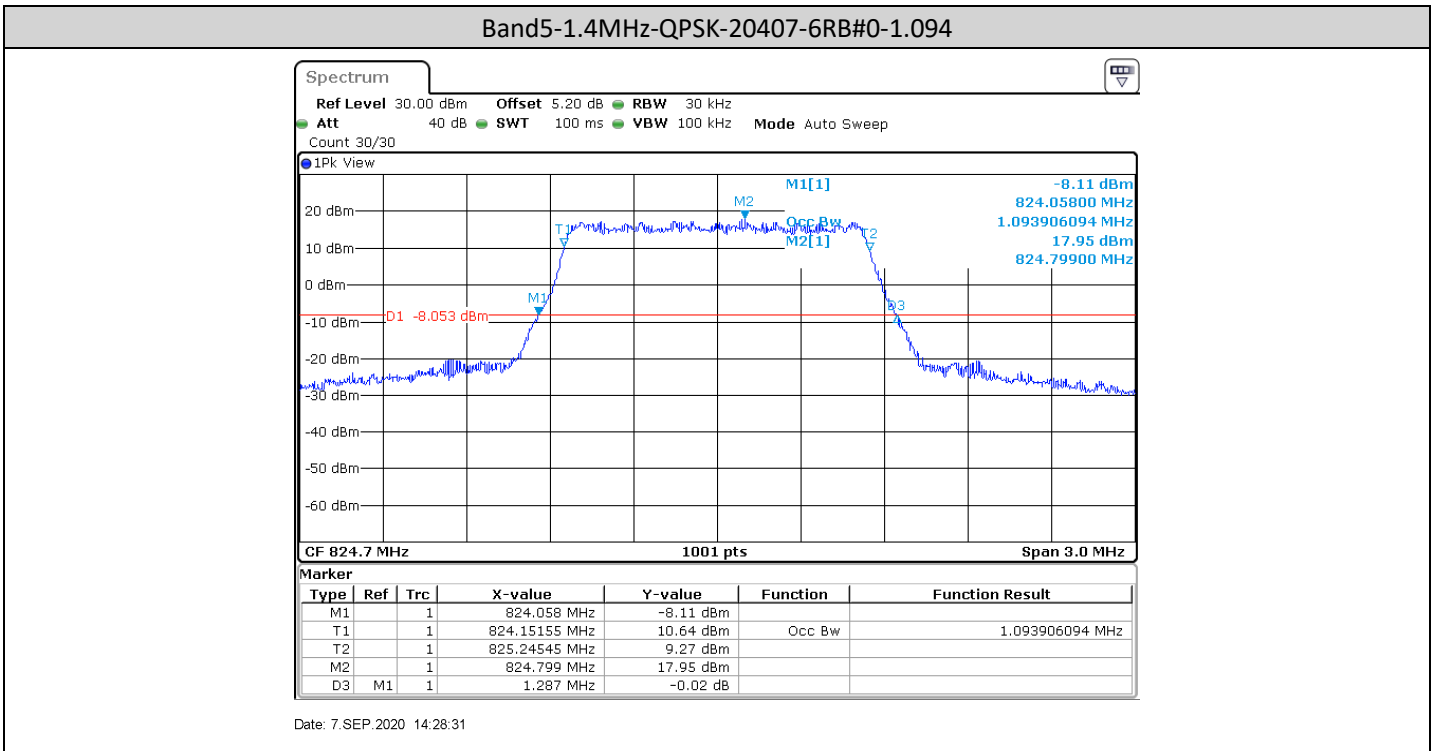
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|       |       |       |       |        |       |       |      |
|-------|-------|-------|-------|--------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 8.911 | 9.680 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 8.931 | 9.700 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 8.931 | 9.680 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.911 | 9.740 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.931 | 9.780 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.911 | 9.740 | PASS |

## 4.2. Test Plots

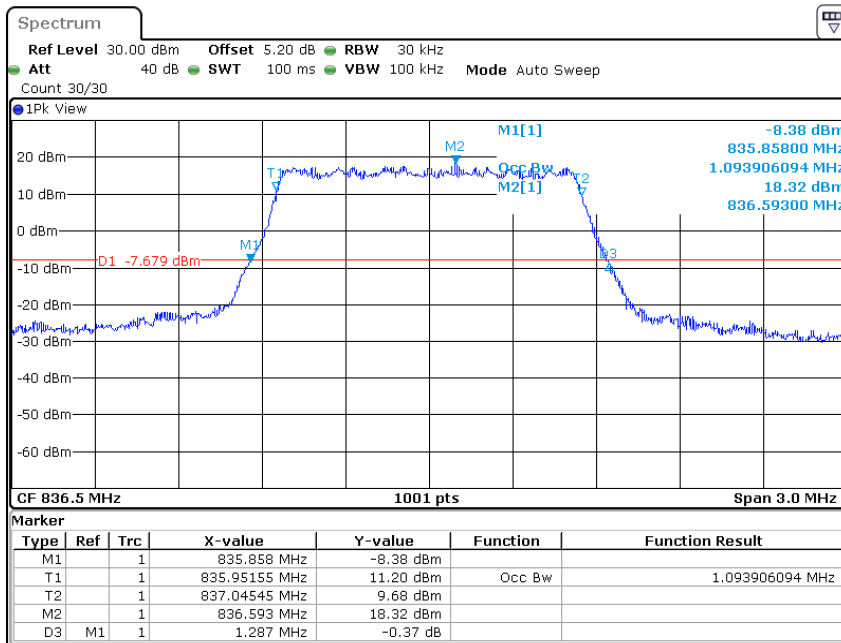


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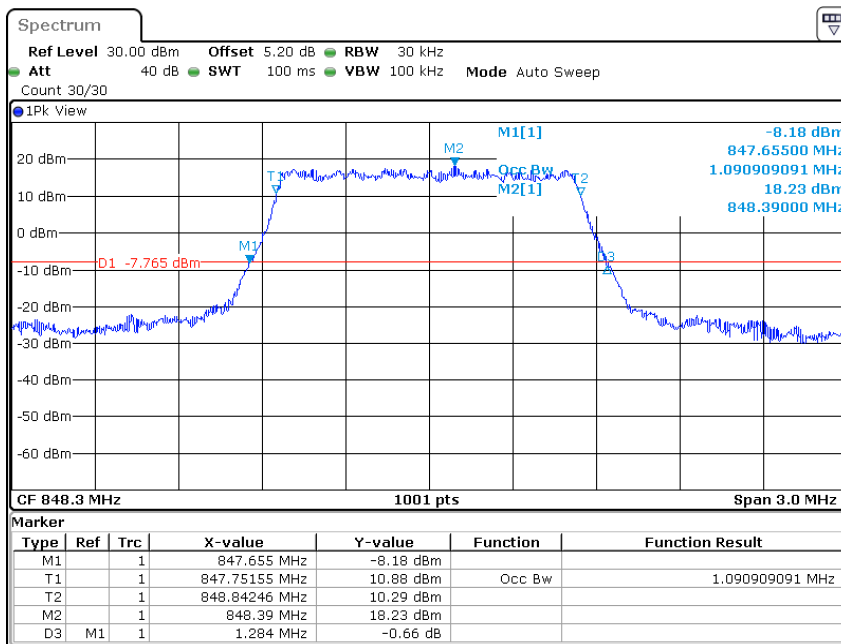


**Band5-1.4MHz-QPSK-20525-6RB#0-1.094**



Date: 7.SEP.2020 14:28:57

**Band5-1.4MHz-QPSK-20643-6RB#0-1.091**

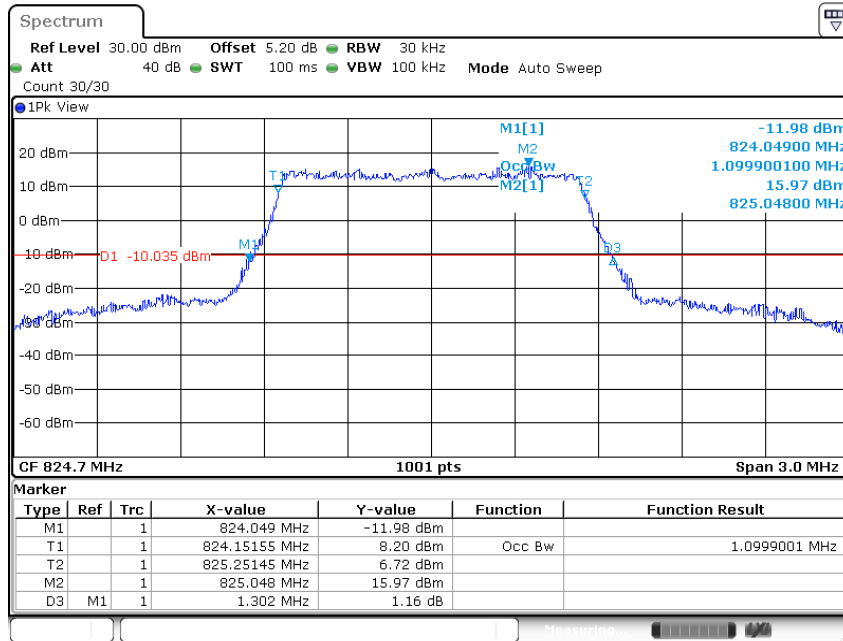


Date: 7.SEP.2020 14:29:22



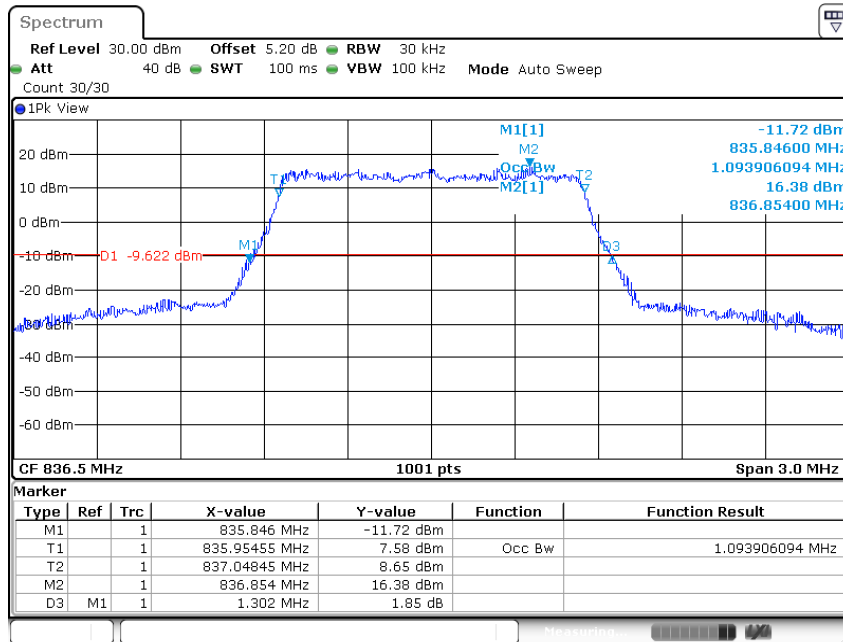
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**Band5-1.4MHz-64QAM-20407-6RB#0-1.1**



Date: 8.SEP.2020 19:27:15

**Band5-1.4MHz-64QAM-20525-6RB#0-1.094**



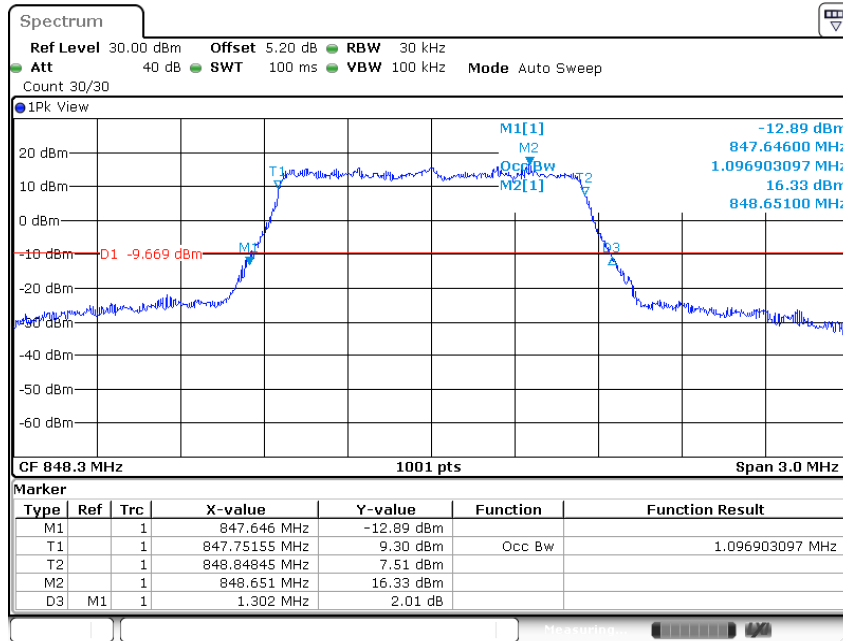
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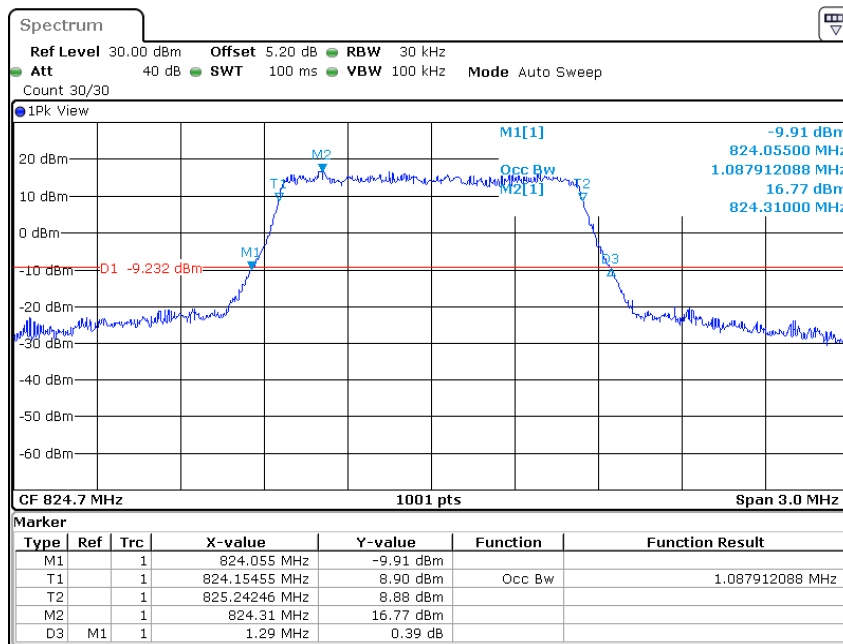
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**Band5-1.4MHz-64QAM-20643-6RB#0-1.097**



Date: 8.SEP.2020 19:27:41

**Band5-1.4MHz-16QAM-20407-6RB#0-1.088**



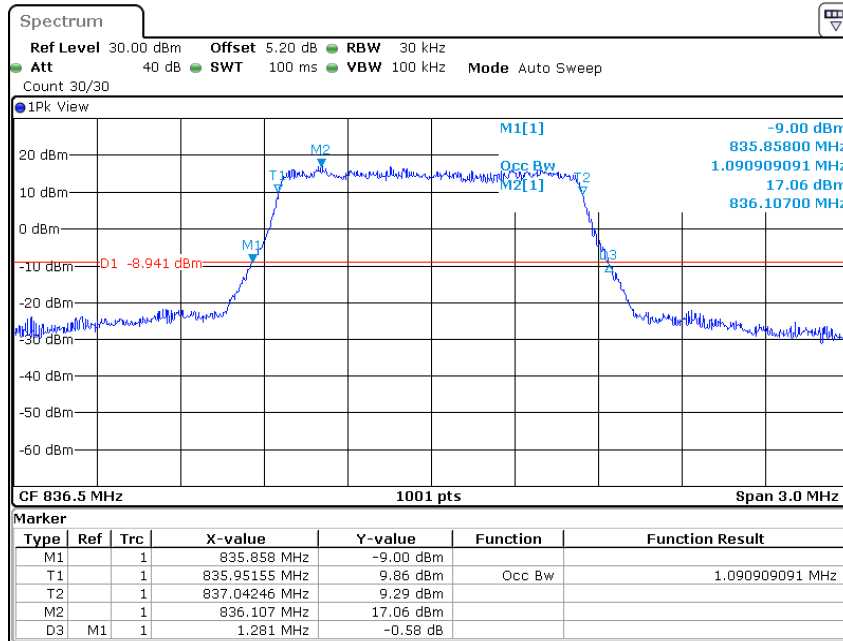
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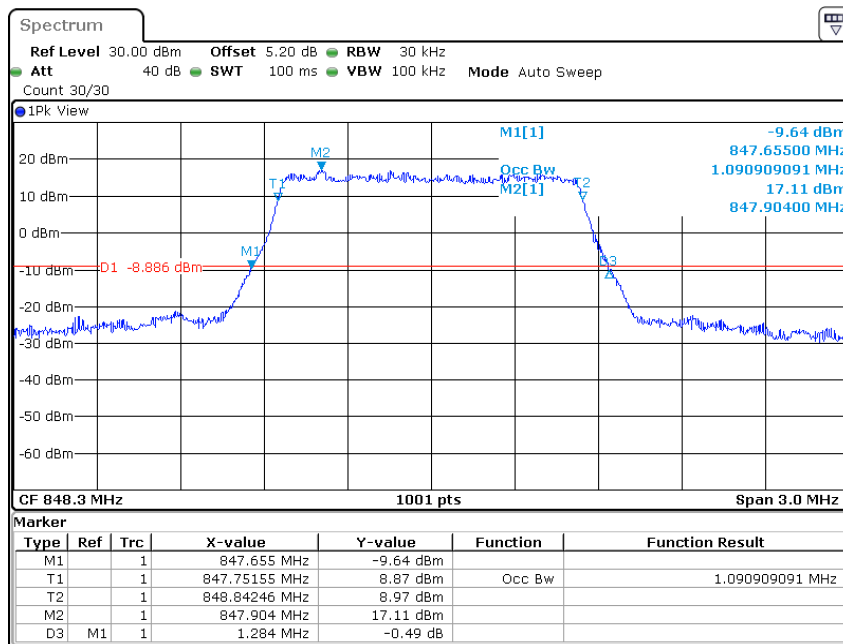
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**Band5-1.4MHz-16QAM-20525-6RB#0-1.091**



Date: 7.SEP.2020 14:29:09

**Band5-1.4MHz-16QAM-20643-6RB#0-1.091**



Date: 7.SEP.2020 14:29:35



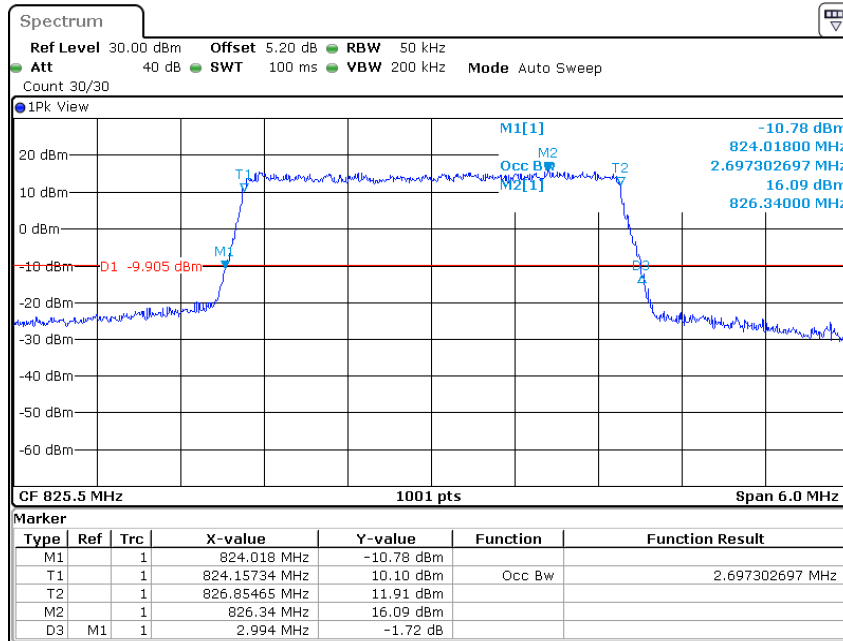
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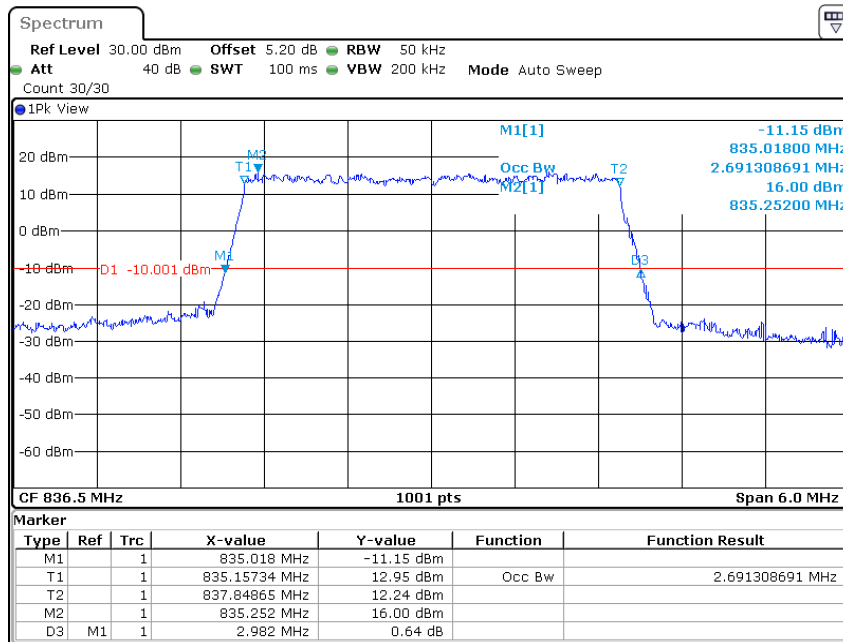


**Band5-3MHz-QPSK-20415-15RB#0-2.697**



Date: 7.SEP.2020 14:29:54

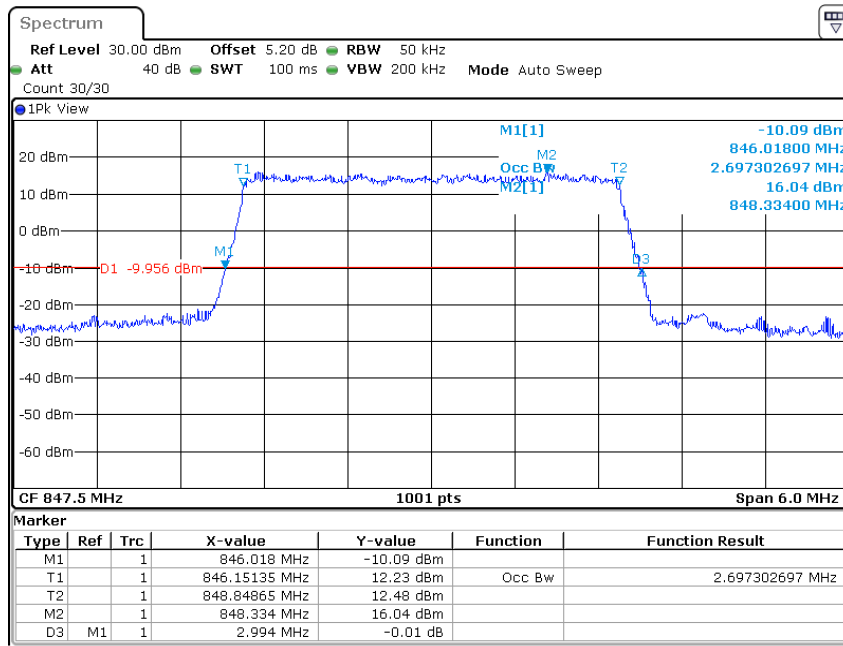
**Band5-3MHz-QPSK-20525-15RB#0-2.691**



Date: 7.SEP.2020 14:30:19

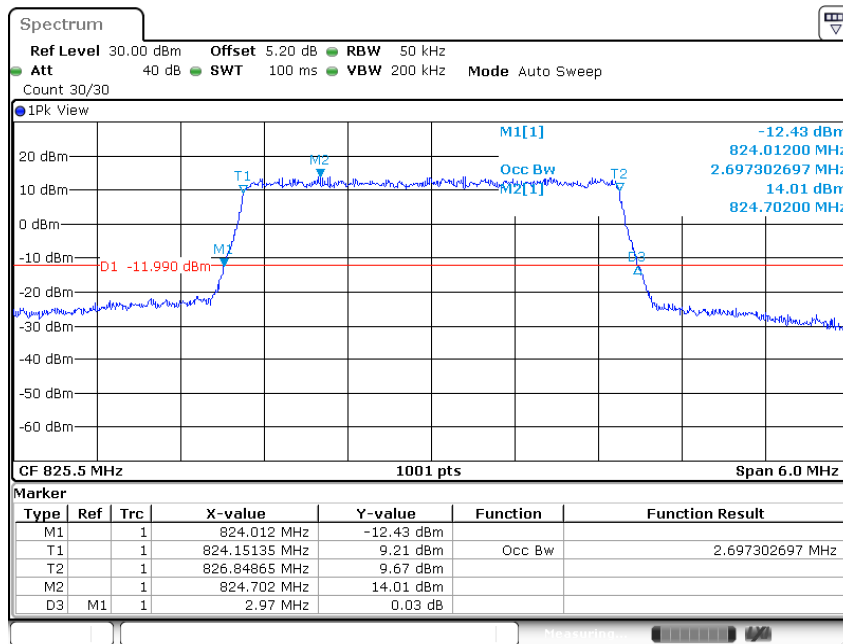


**Band5-3MHz-QPSK-20635-15RB#0-2.697**



Date: 7.SEP.2020 14:30:45

**Band5-3MHz-64QAM-20415-15RB#0-2.697**



Date: 8.SEP.2020 19:28:01

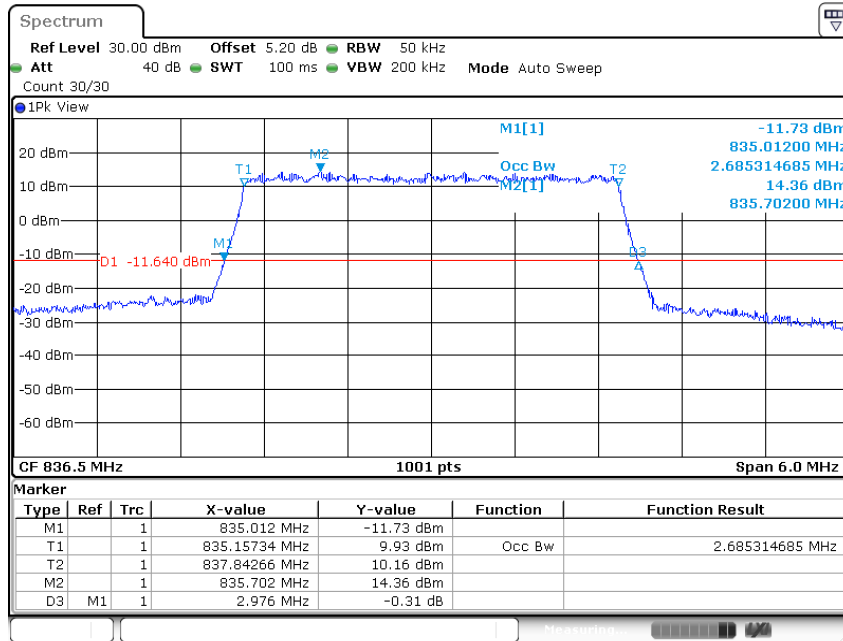


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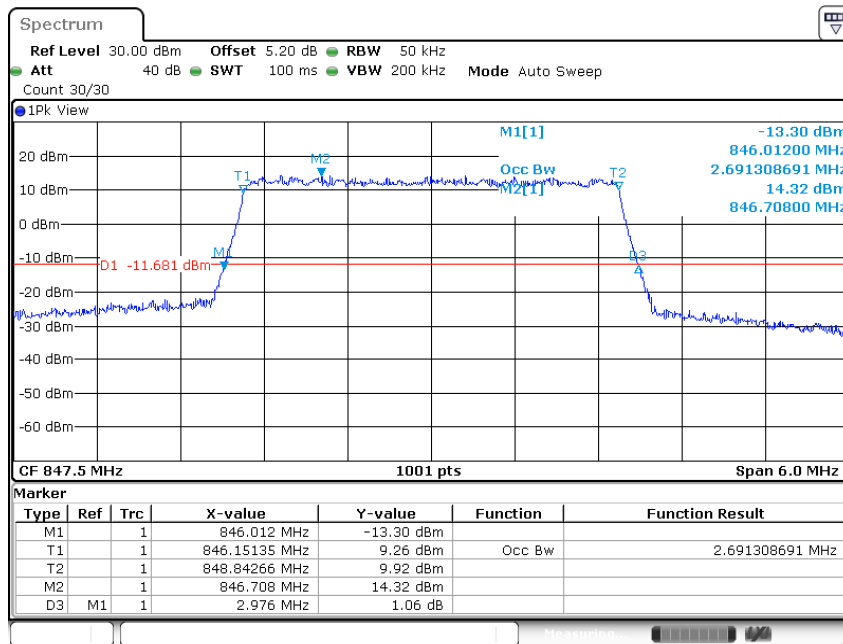


Band5-3MHz-64QAM-20525-15RB#0-2.685



Date: 8.SEP.2020 19:28:13

Band5-3MHz-64QAM-20635-15RB#0-2.691



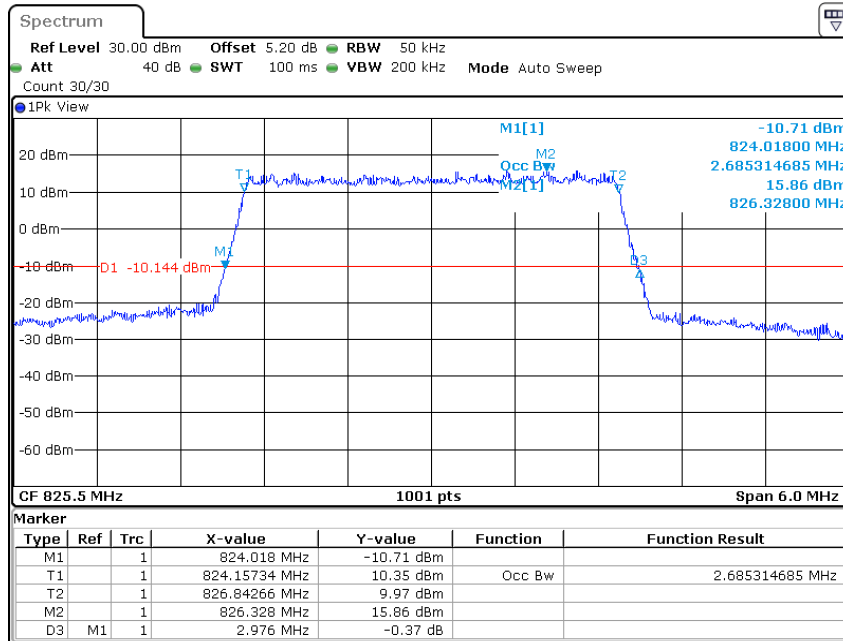
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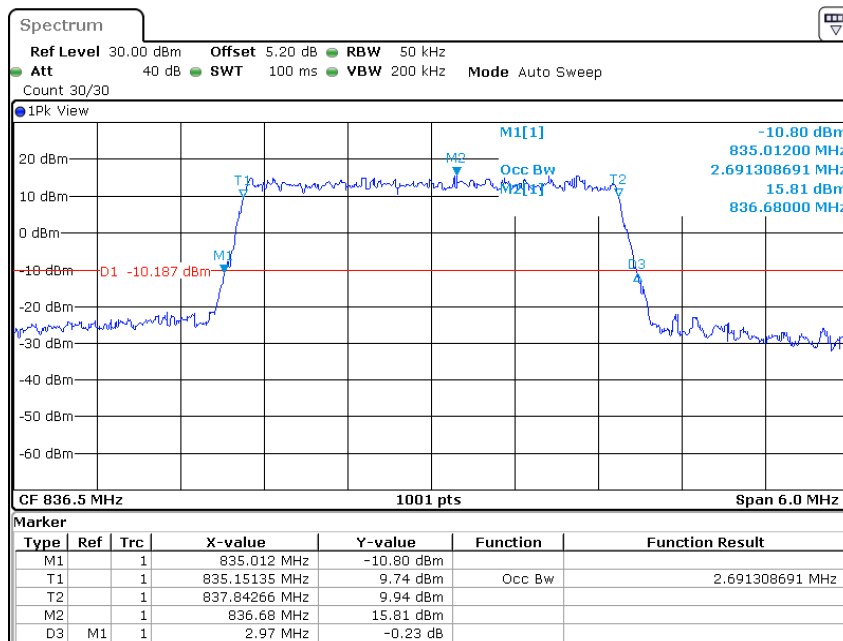
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**Band5-3MHz-16QAM-20415-15RB#0-2.685**



Date: 7.SEP.2020 14:30:06

**Band5-3MHz-16QAM-20525-15RB#0-2.691**



Date: 7.SEP.2020 14:30:32

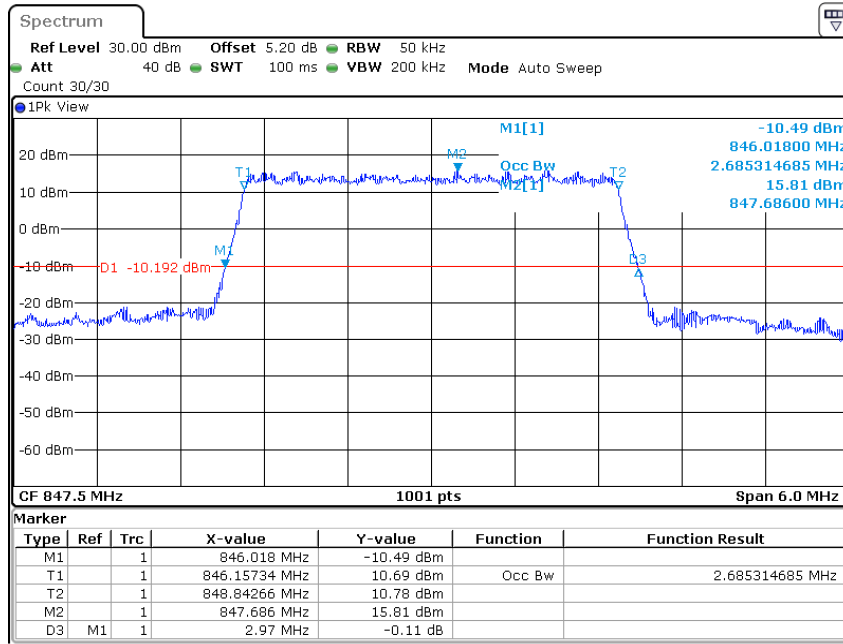


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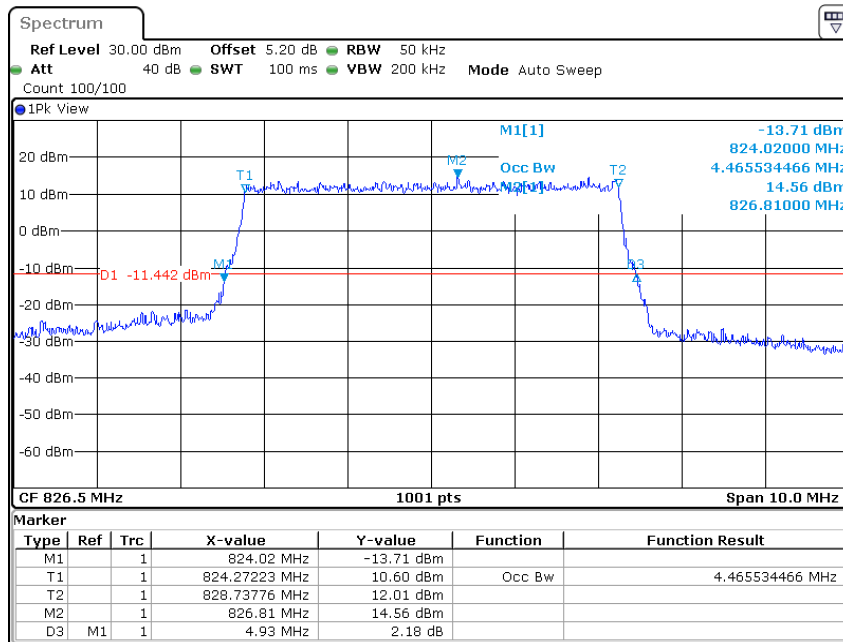


**Band5-3MHz-16QAM-20635-15RB#0-2.685**



Date: 7.SEP.2020 14:30:57

**Band5-5MHz-QPSK-20425-25RB#0-4.466**



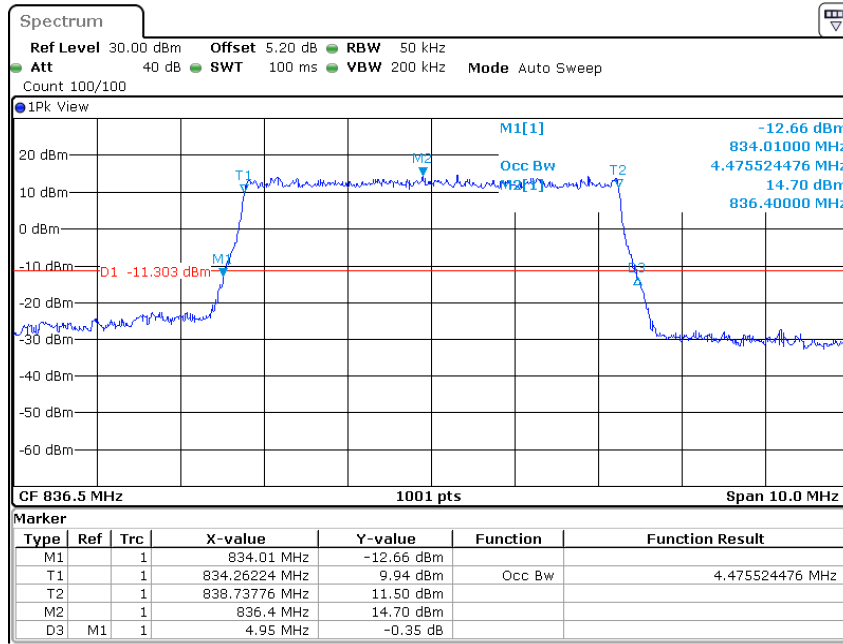
Date: 7.SEP.2020 14:31:23



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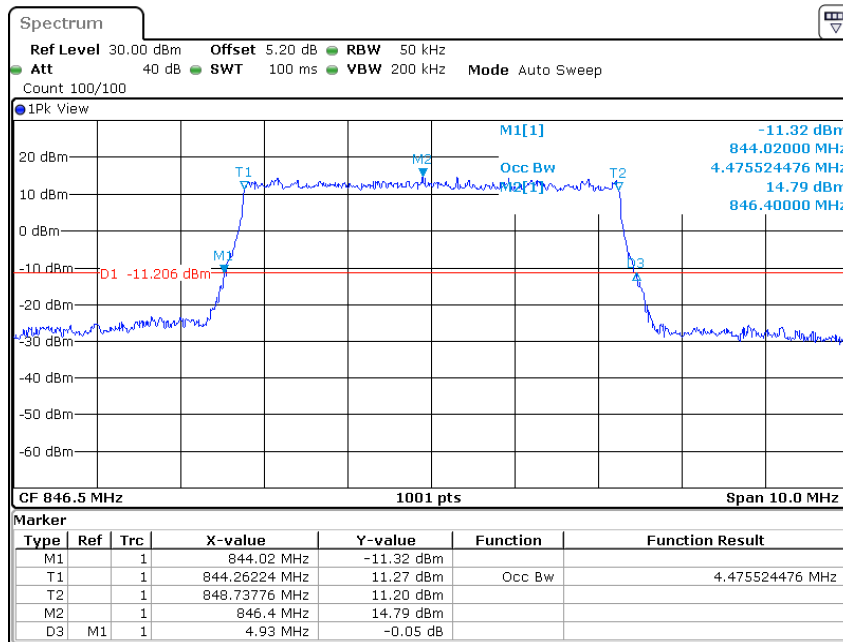
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**Band5-5MHz-QPSK-20525-25RB#0-4.476**



Date: 7.SEP.2020 14:32:02

**Band5-5MHz-QPSK-20625-25RB#0-4.476**



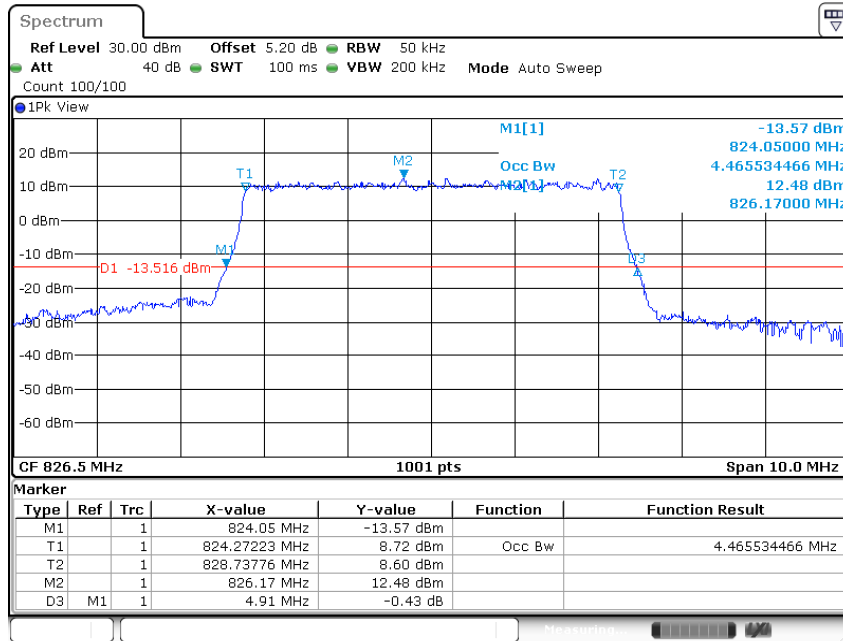
Date: 7.SEP.2020 14:32:42



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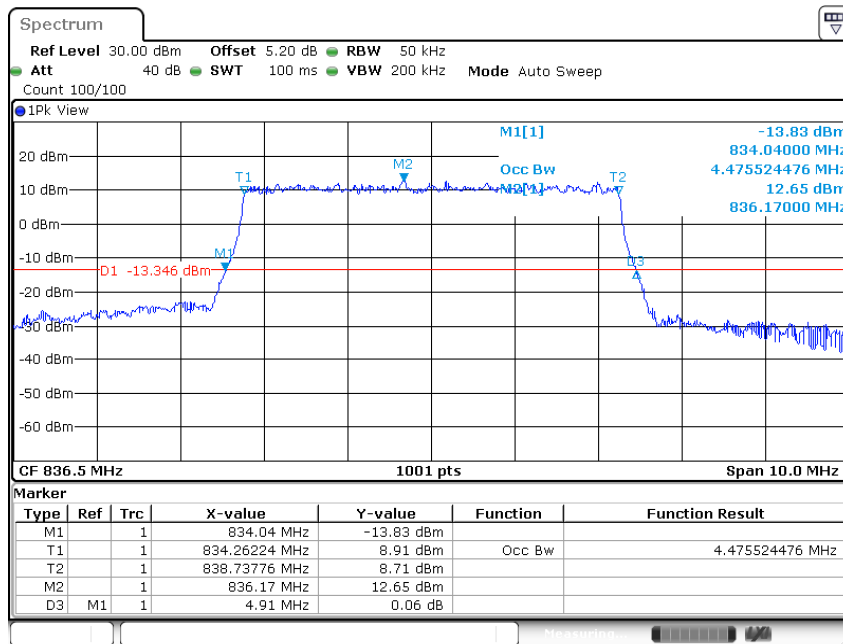
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**Band5-5MHz-64QAM-20425-25RB#0-4.466**



Date: 8.SEP.2020 19:28:53

**Band5-5MHz-64QAM-20525-25RB#0-4.476**



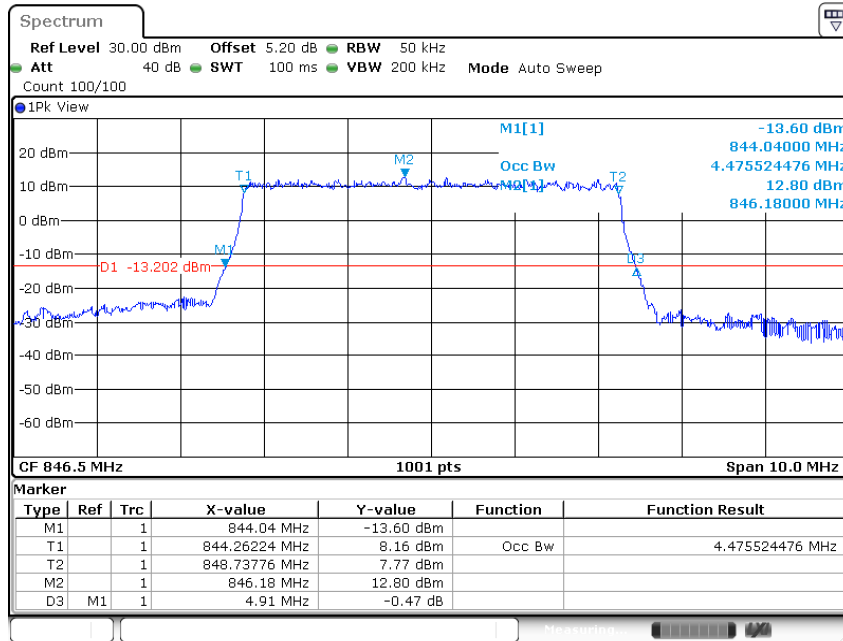
Date: 8.SEP.2020 19:29:13



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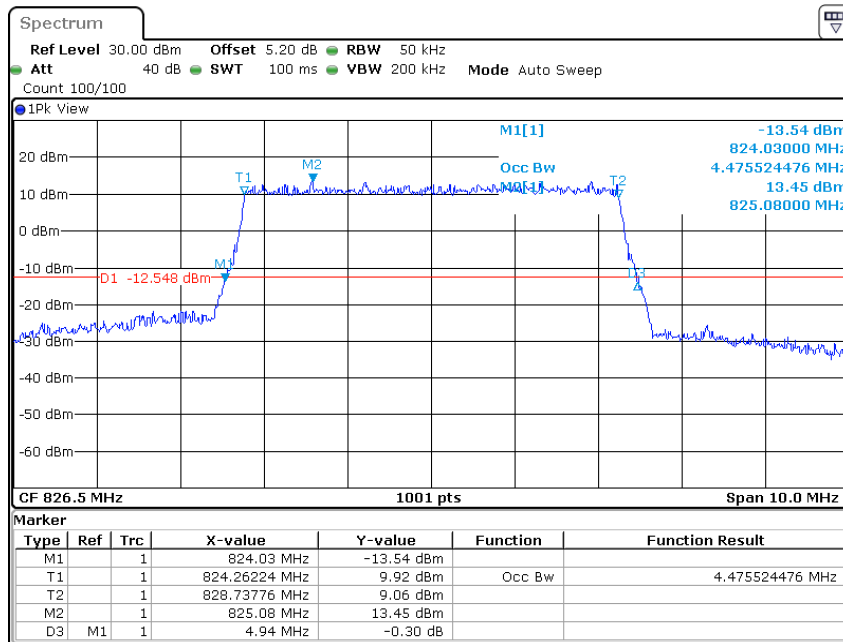
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Band5-5MHz-64QAM-20625-25RB#0-4.476



Date: 8.SEP.2020 19:29:33

Band5-5MHz-16QAM-20425-25RB#0-4.476



Date: 7.SEP.2020 14:31:43

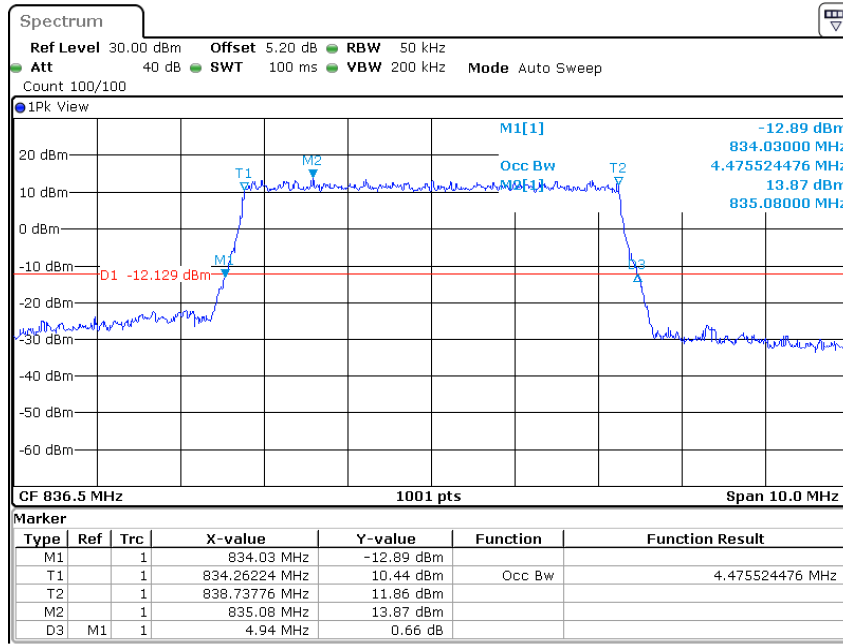


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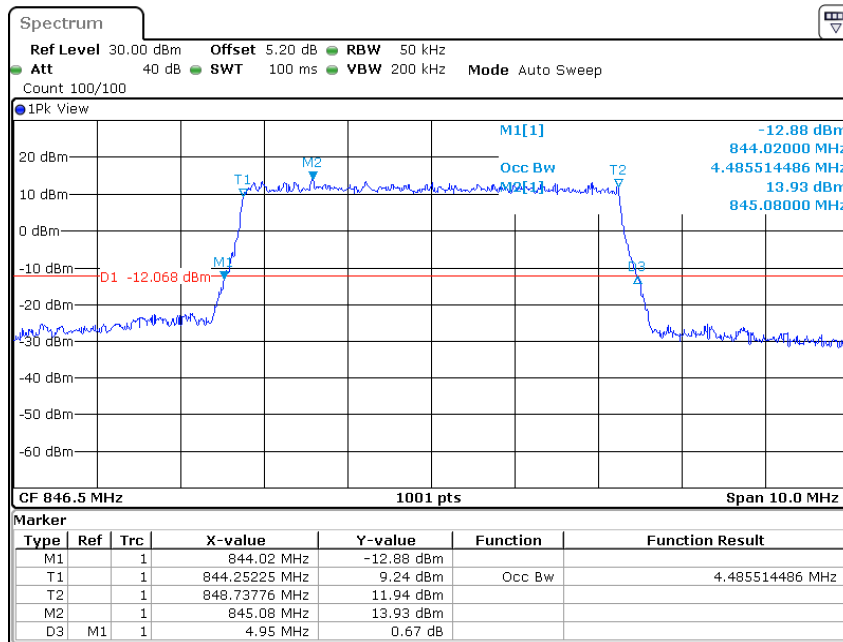


**Band5-5MHz-16QAM-20525-25RB#0-4.476**



Date: 7.SEP.2020 14:32:22

**Band5-5MHz-16QAM-20625-25RB#0-4.486**



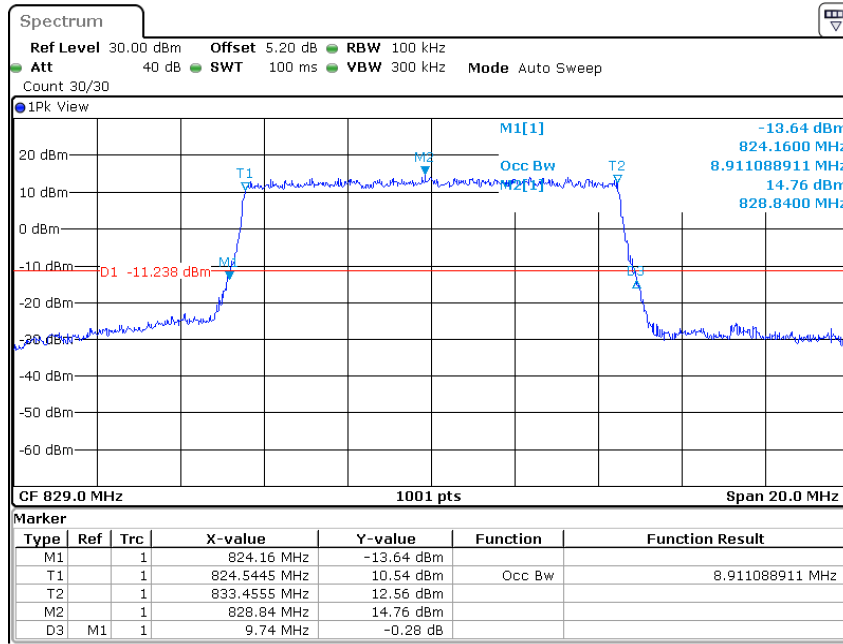
Date: 7.SEP.2020 14:33:02



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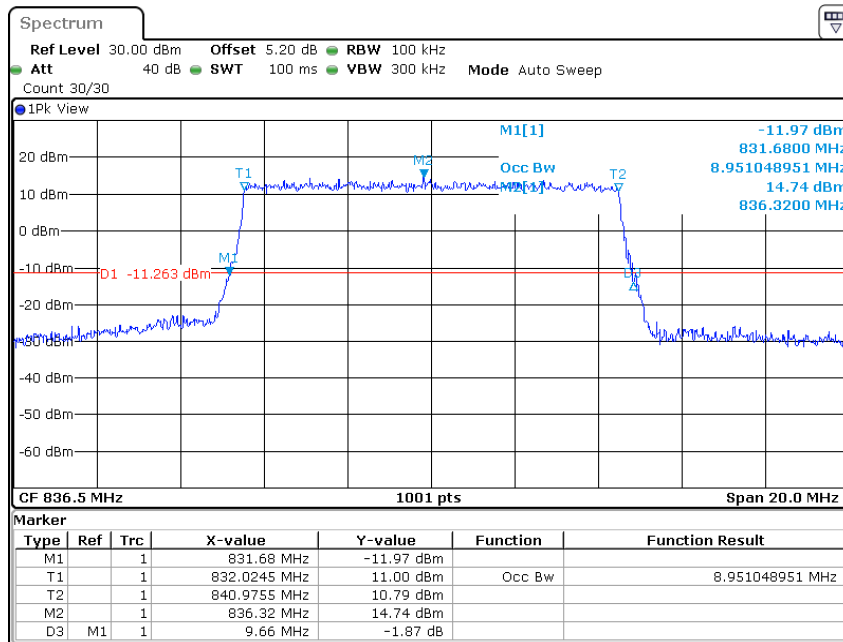
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**Band5-10MHz-QPSK-20450-50RB#0-8.911**



Date: 7.SEP.2020 14:33:20

**Band5-10MHz-QPSK-20525-50RB#0-8.951**



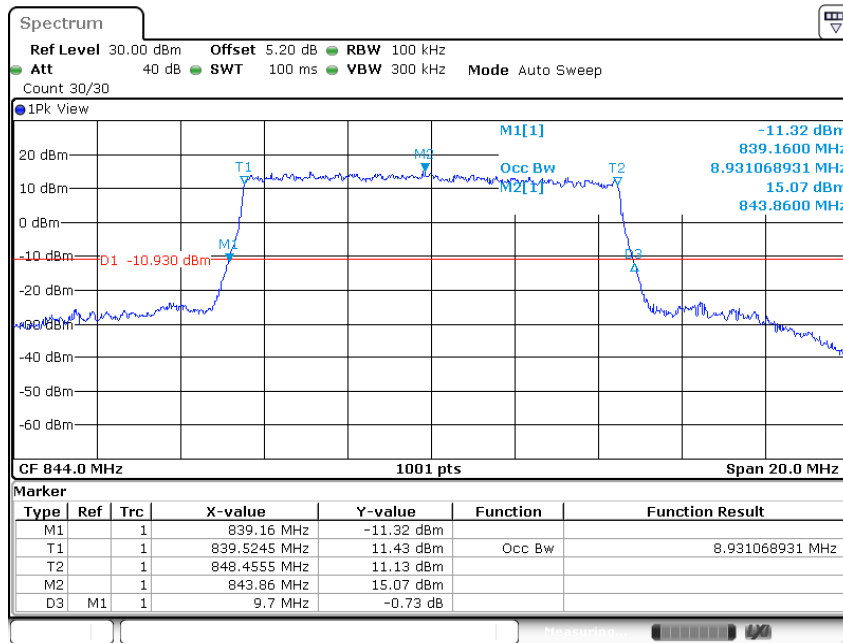
Date: 7.SEP.2020 14:33:46



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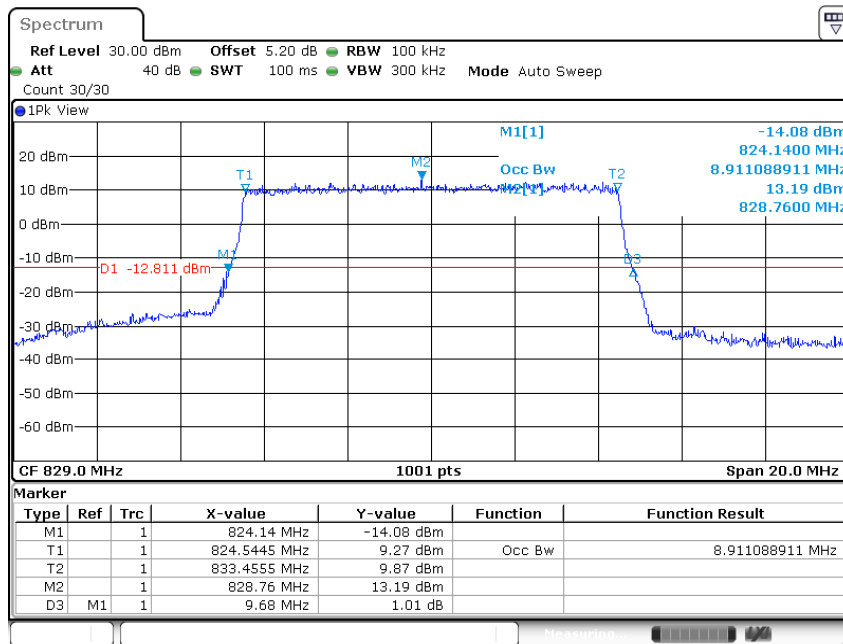
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**Band5-10MHz-QPSK-20600-50RB#0-8.931**



Date: 9.SEP.2020 20:42:58

**Band5-10MHz-64QAM-20450-50RB#0-8.911**



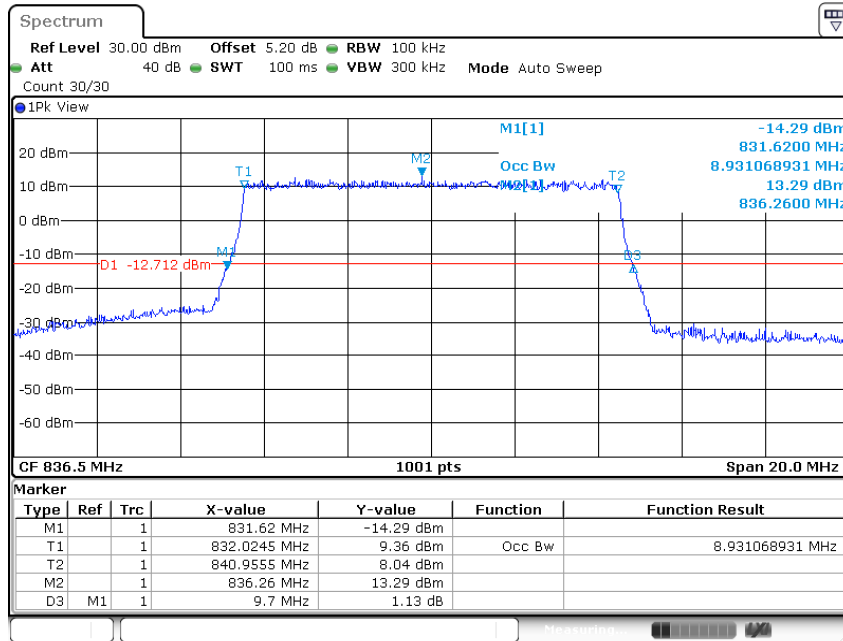
Date: 8.SEP.2020 19:29:53



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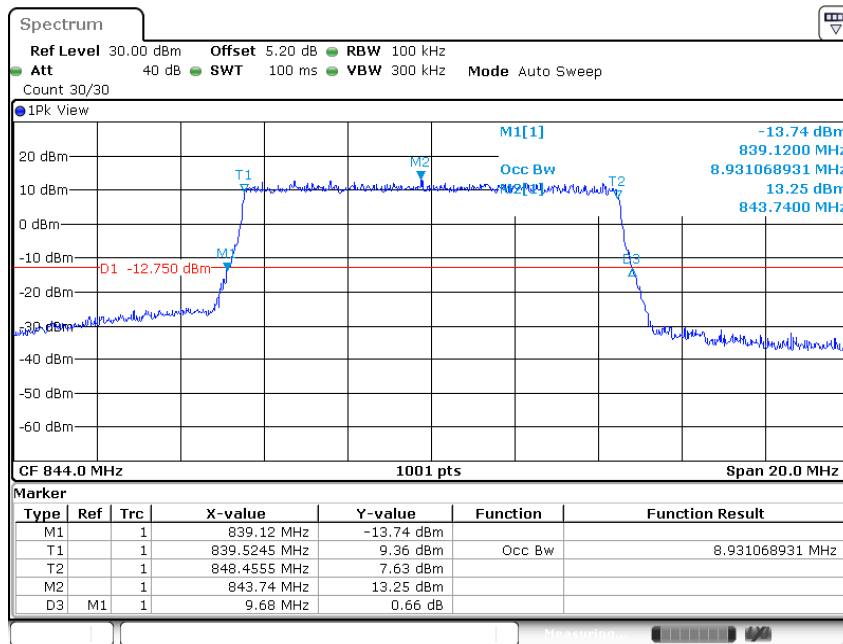
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**Band5-10MHz-64QAM-20525-50RB#0-8.931**



Date: 8.SEP.2020 19:30:06

**Band5-10MHz-64QAM-20600-50RB#0-8.931**



Date: 8.SEP.2020 19:30:19

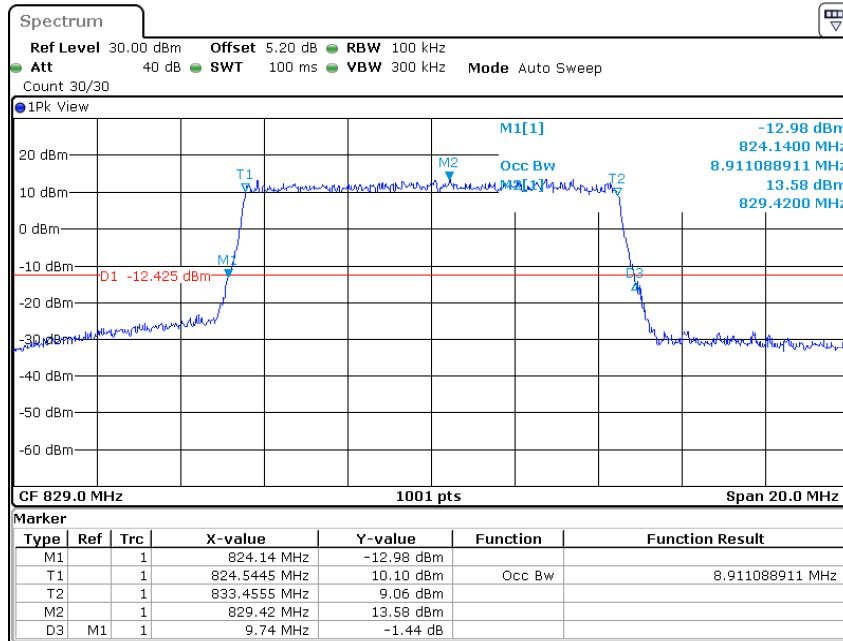


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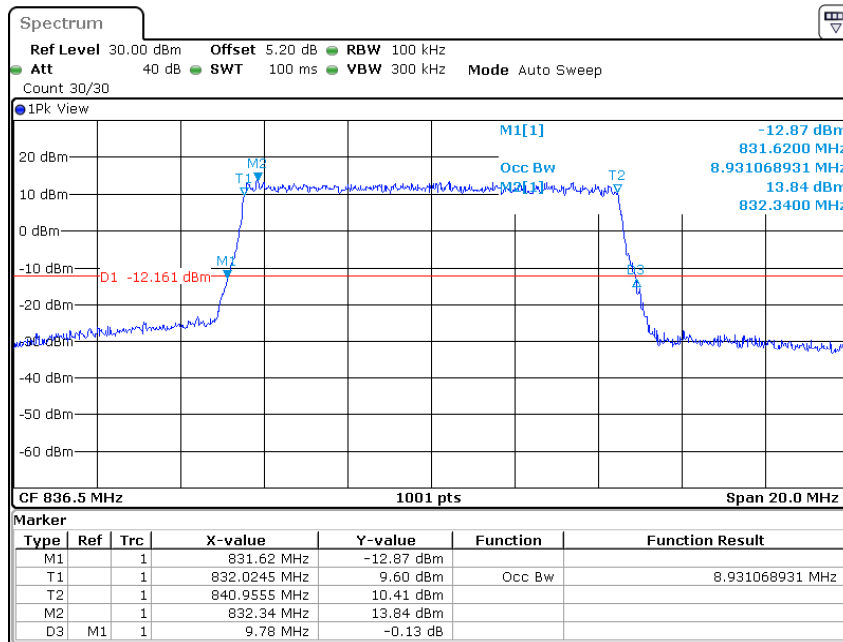


**Band5-10MHz-16QAM-20450-50RB#0-8.911**



Date: 7.SEP.2020 14:33:33

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



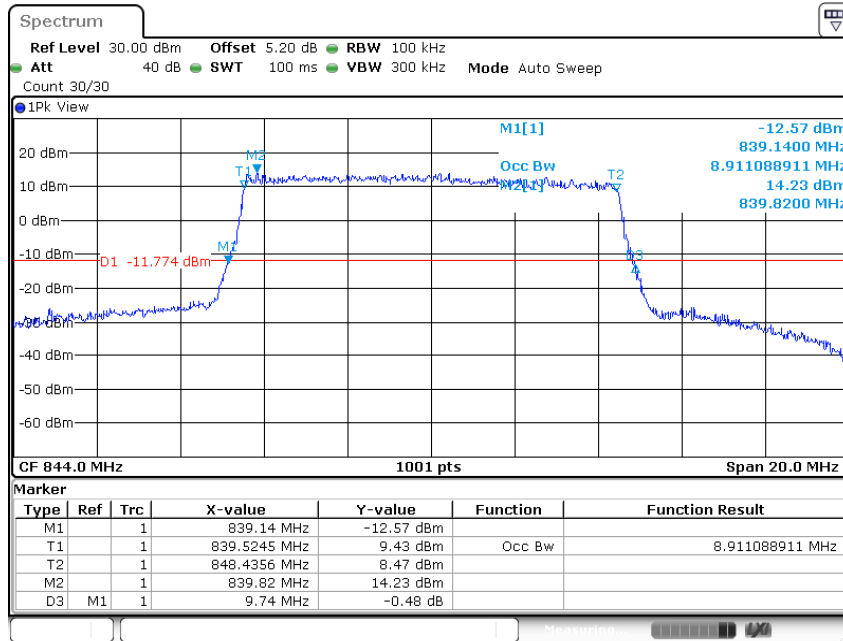
Date: 7.SEP.2020 14:33:58



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



Date: 9.SEP.2020 20:43:13



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## 5. Band Edge Compliance

### 5.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -22.97      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -27.63      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -21.82      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -29.35      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | -26.00      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | -29.24      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 1RB#5            | -24.43      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | -30.09      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -23.49      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -27.75      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -22.91      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -29.41      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -22.09      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -28.40      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -21.57      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -28.89      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 1RB#0            | -25.12      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | -30.25      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 1RB#14           | -23.87      | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | -30.65      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -22.25      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -28.93      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -22.64      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -30.05      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -22.58      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -28.69      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | -22.72      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | -29.64      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 1RB#0            | -24.91      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 25RB#0           | -30.03      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 1RB#24           | -24.00      | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 25RB#0           | -31.67      | PASS    |



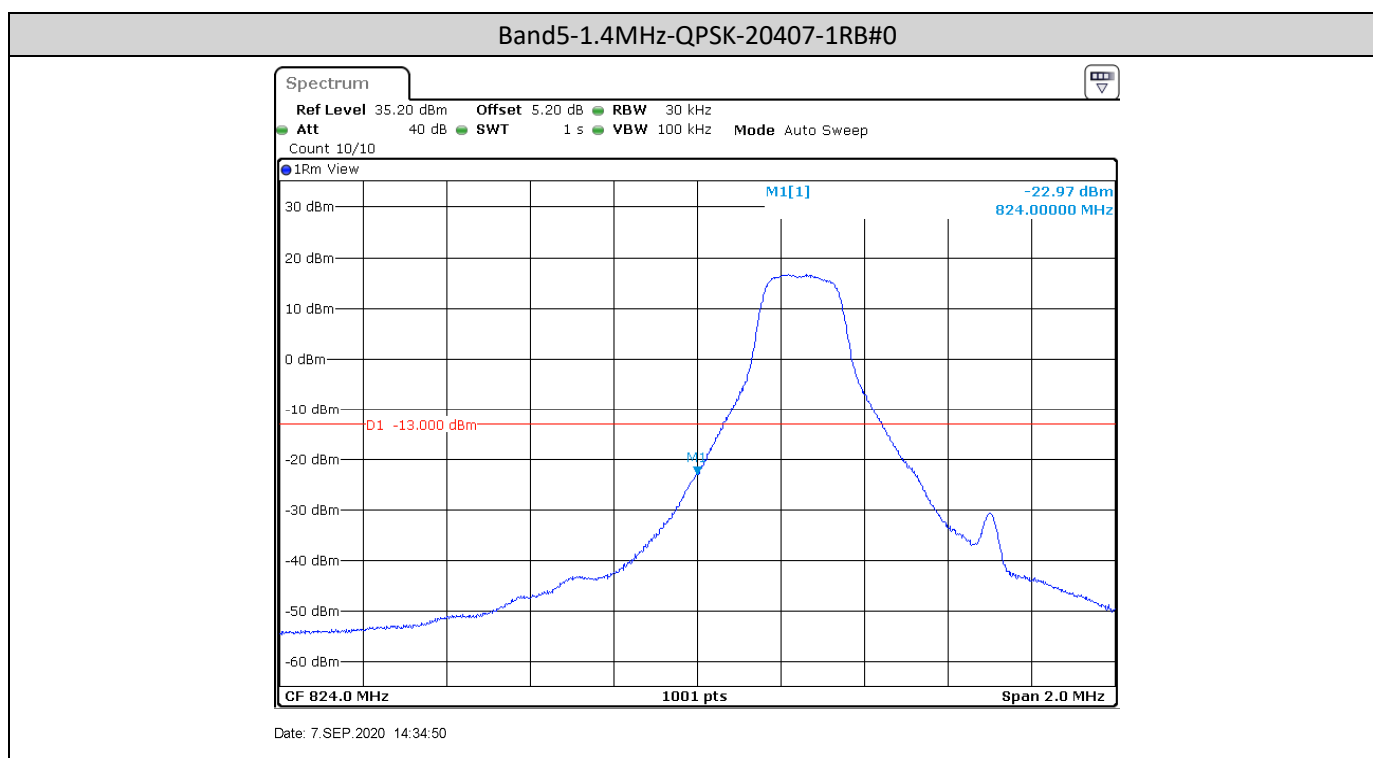
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|       |       |       |       |        |        |      |
|-------|-------|-------|-------|--------|--------|------|
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0  | -23.10 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | -29.13 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24 | -22.40 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | -30.32 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | -32.69 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | -31.55 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49 | -32.05 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | -33.37 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0  | -34.71 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | -32.77 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49 | -34.41 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | -35.39 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | -32.43 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -31.91 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -33.40 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -34.34 | PASS |

## 5.2. Test Plots

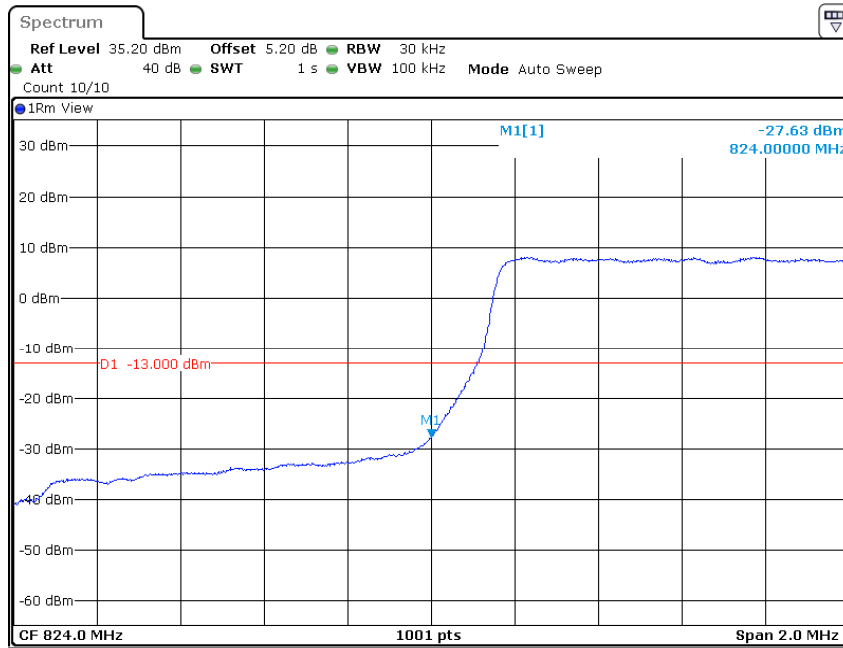


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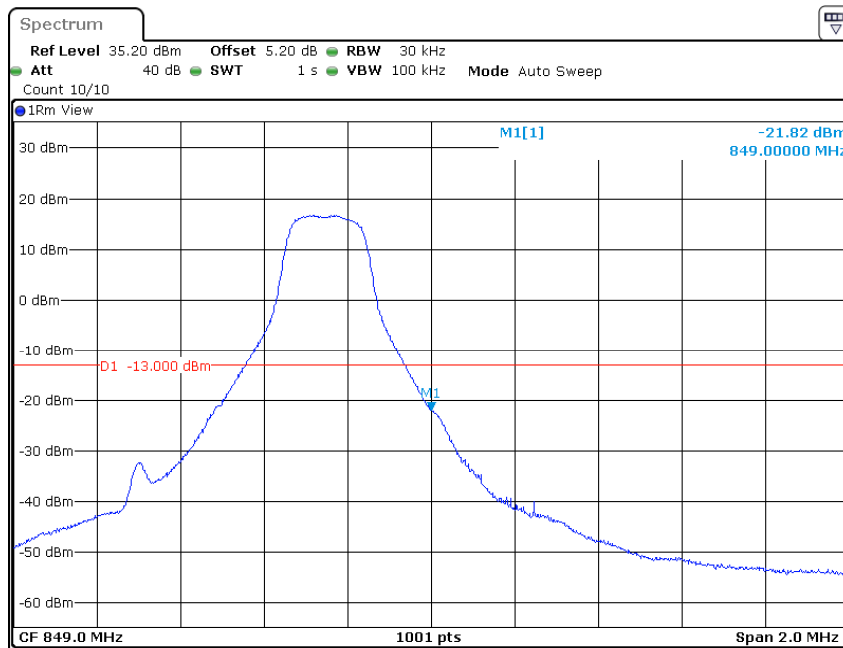


**Band5-1.4MHz-QPSK-20407-6RB#0**



Date: 7.SEP.2020 14:35:31

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

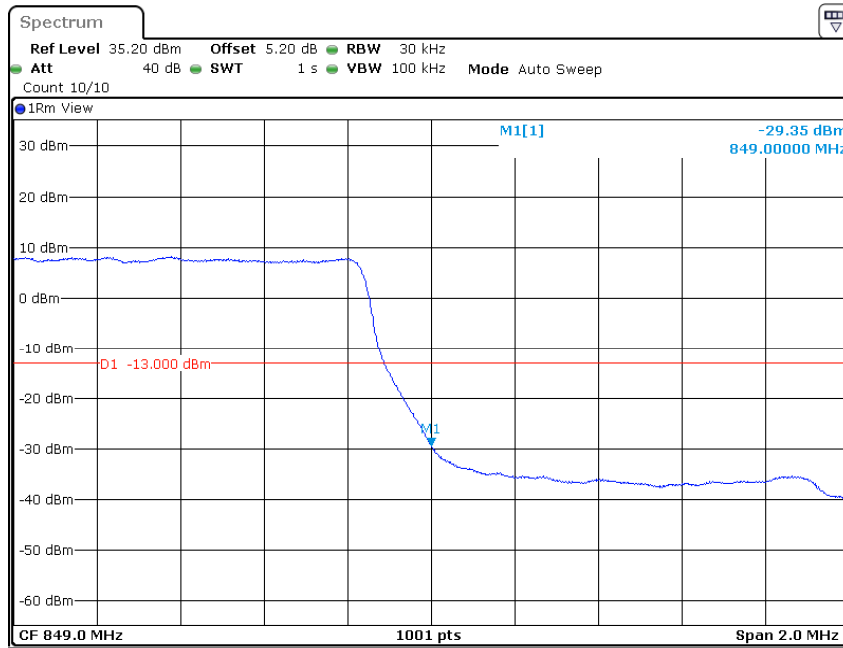


Date: 7.SEP.2020 14:36:17



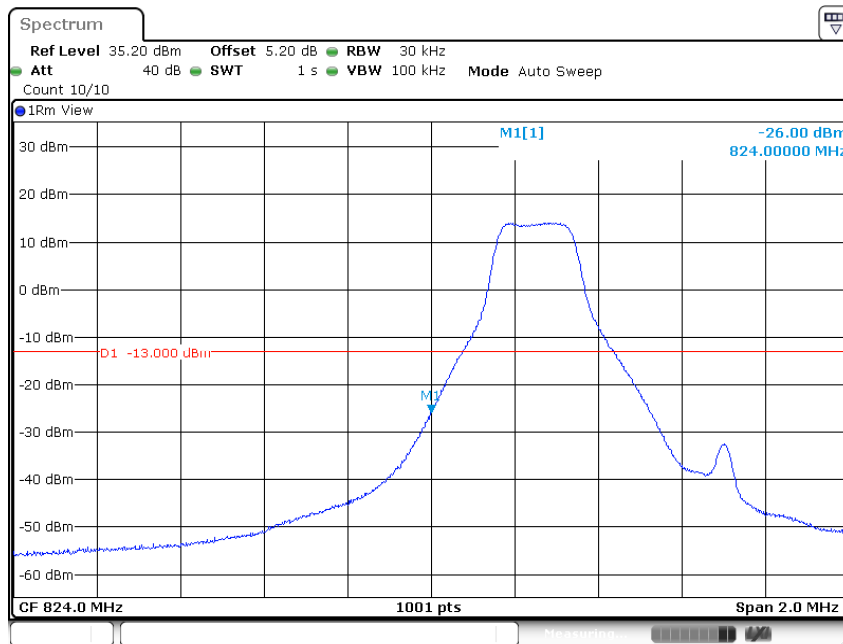
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**Band5-1.4MHz-QPSK-20643-6RB#0**



Date: 7.SEP.2020 14:36:58

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

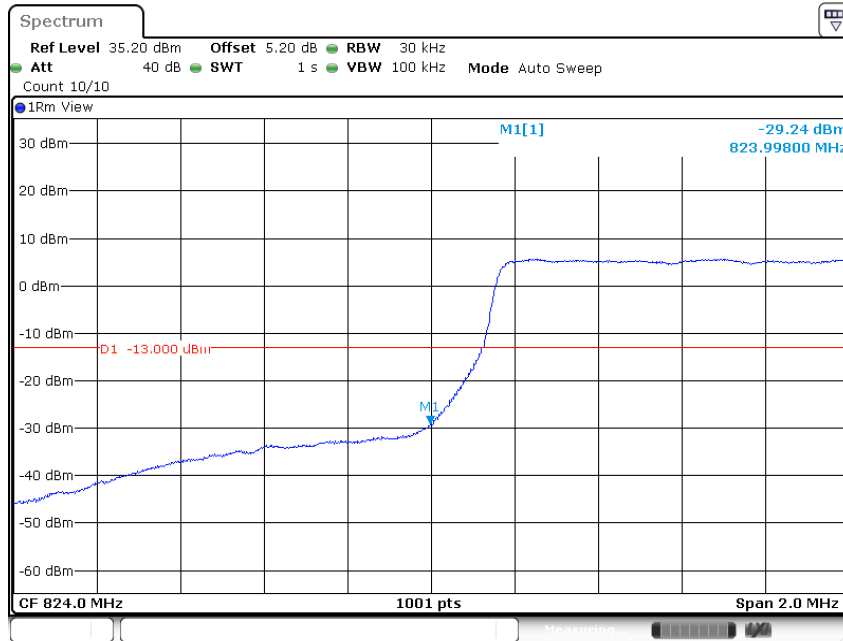


Date: 8.SEP.2020 19:30:46



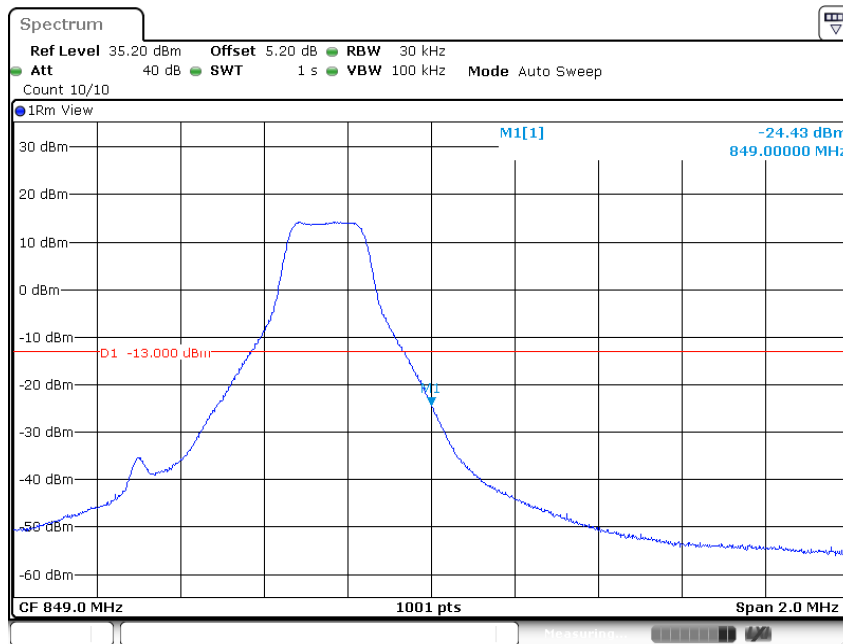
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**Band5-1.4MHz-64QAM-20407-6RB#0**



Date: 8.SEP.2020 19:31:07

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



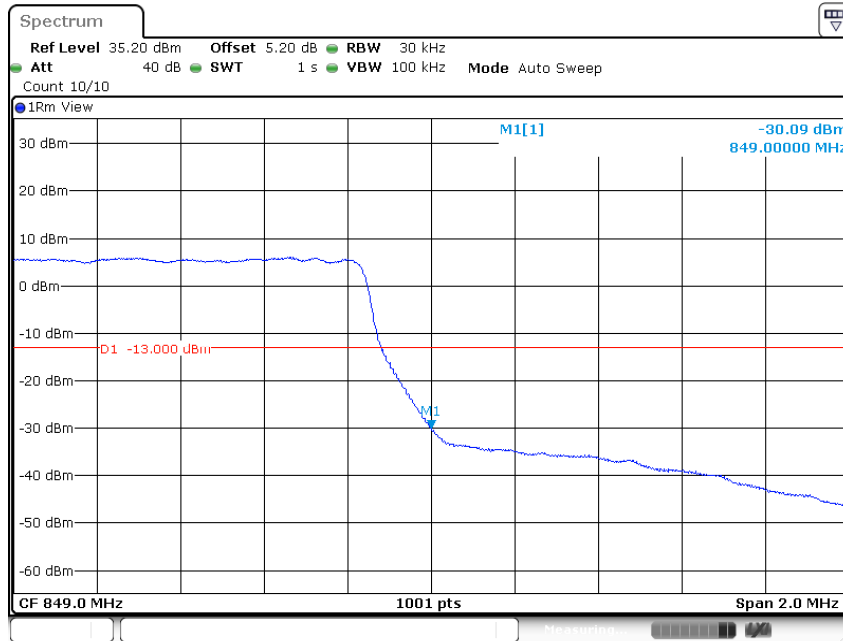
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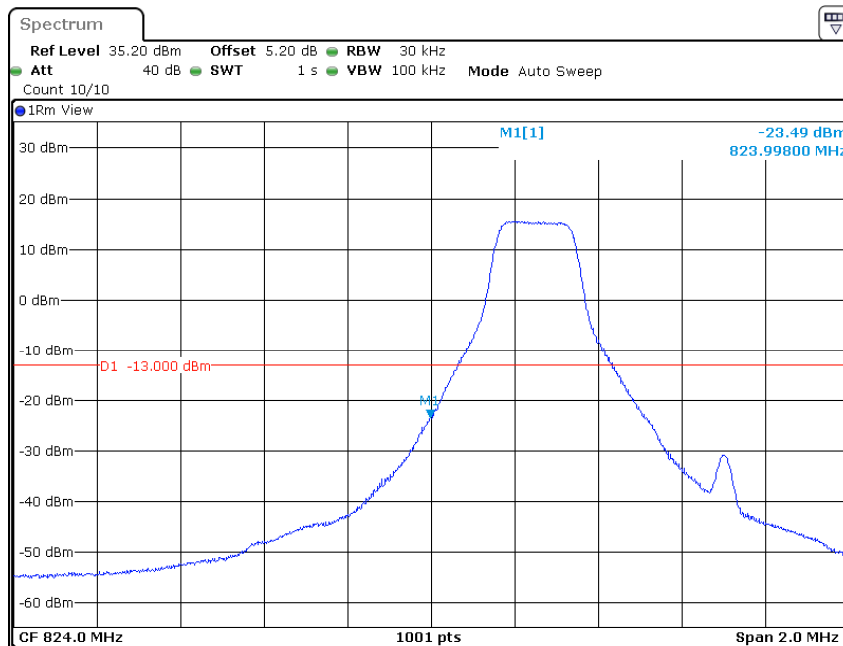
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**Band5-1.4MHz-64QAM-20643-6RB#0**



Date: 8.SEP.2020 19:31:53

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



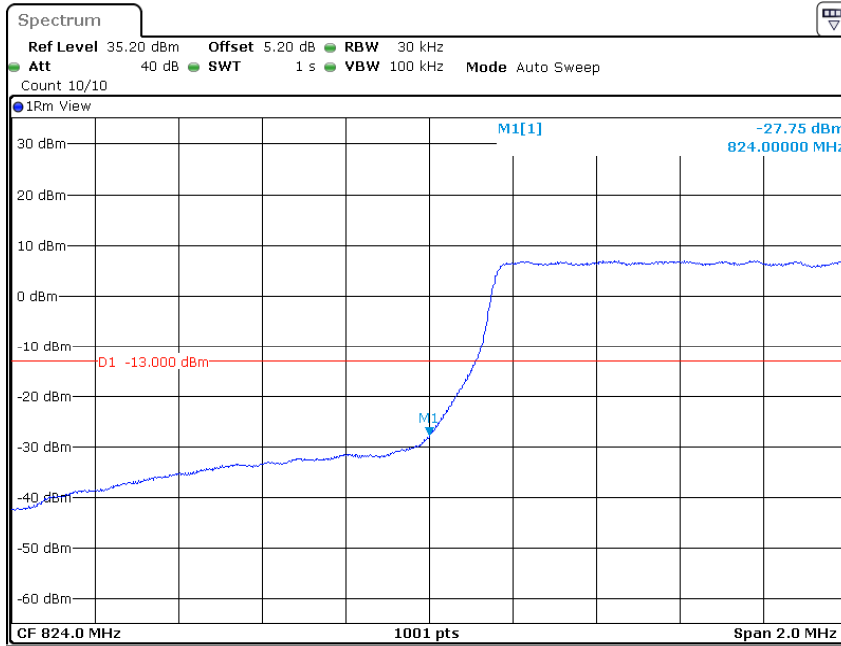
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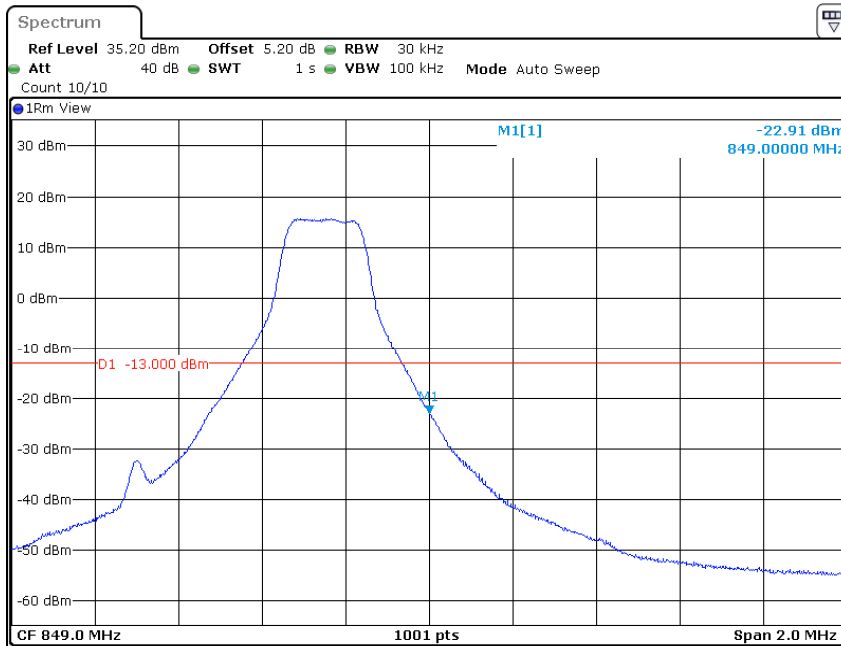


Band5-1.4MHz-16QAM-20407-6RB#0



Date: 7.SEP.2020 14:35:52

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



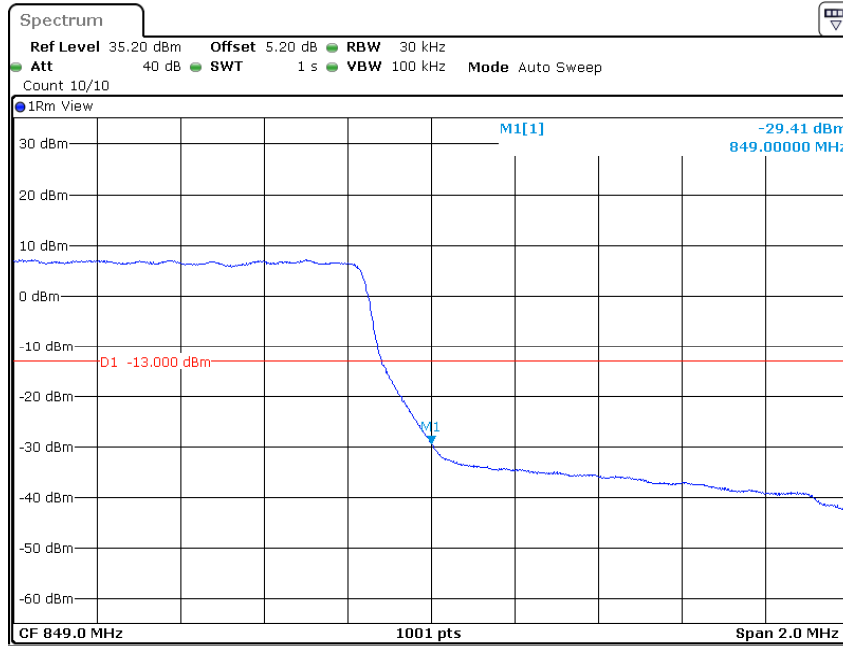
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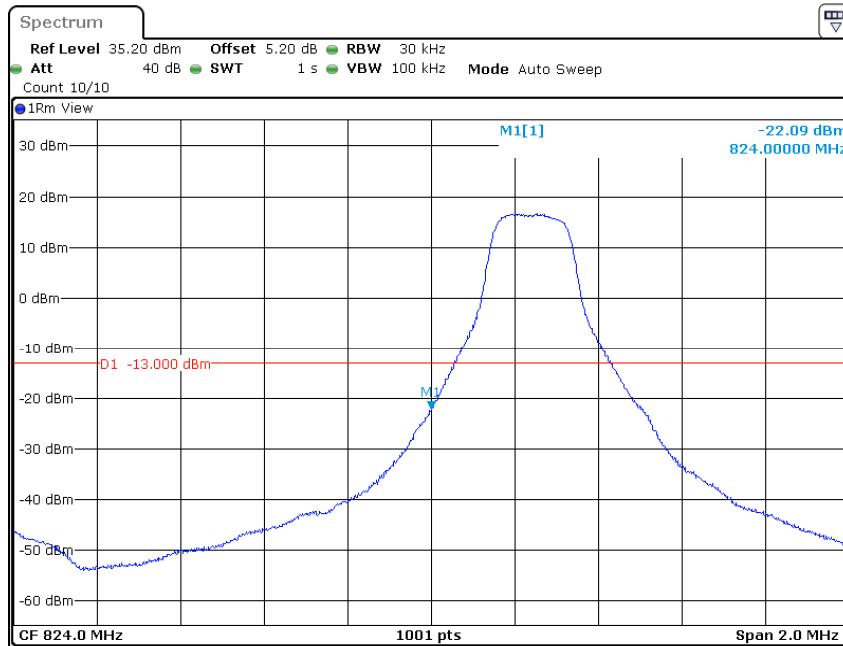


**Band5-1.4MHz-16QAM-20643-6RB#0**



Date: 7.SEP.2020 14:37:19

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



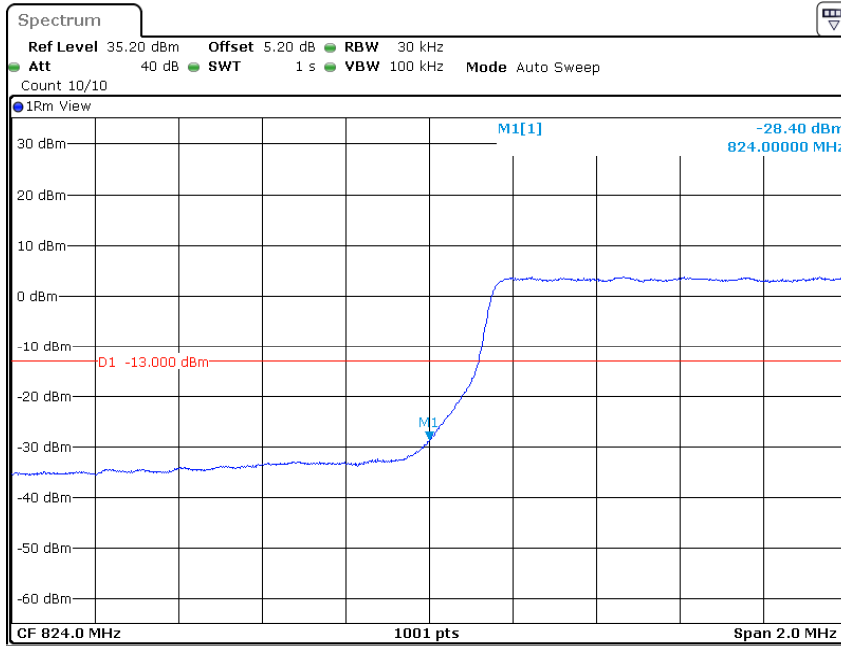
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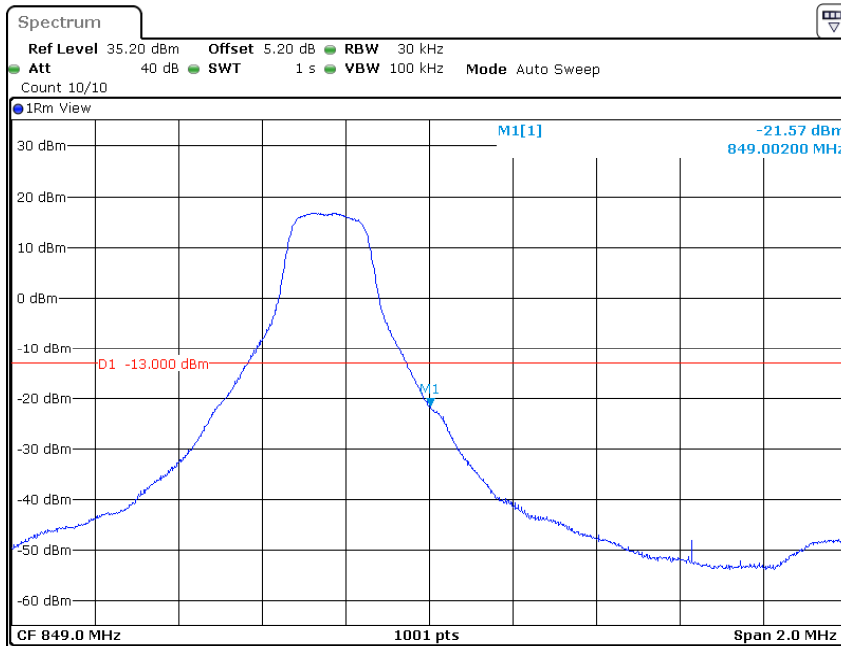
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**Band5-3MHz-QPSK-20415-15RB#0**



Date: 7.SEP.2020 14:38:26

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



Date: 7.SEP.2020 14:39:12



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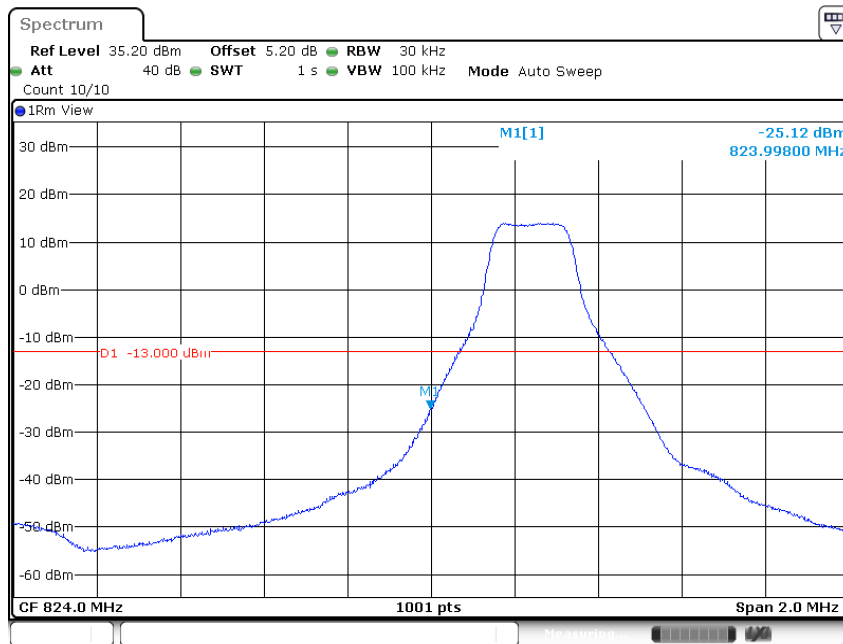


Band5-3MHz-QPSK-20635-15RB#0



Date: 7 SEP. 2020 14:39:53

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



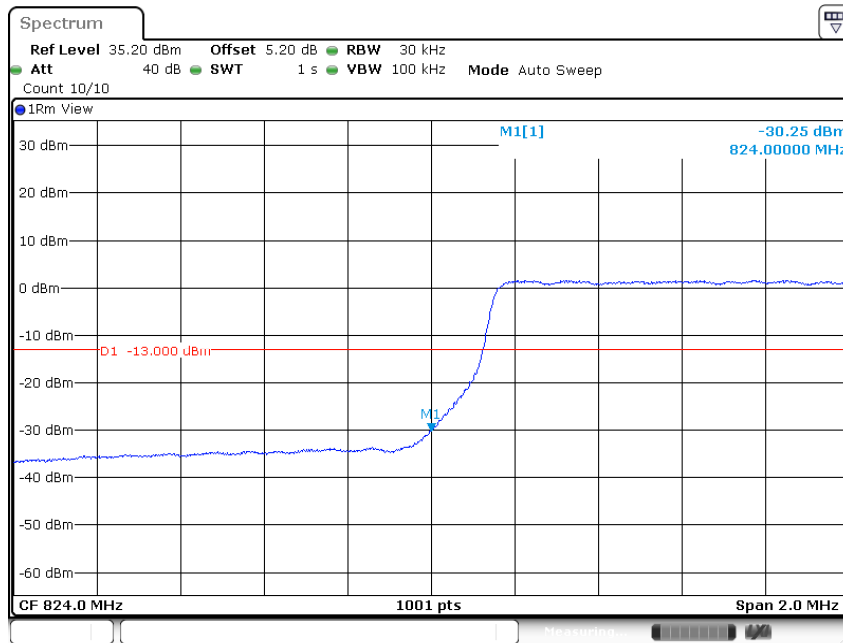
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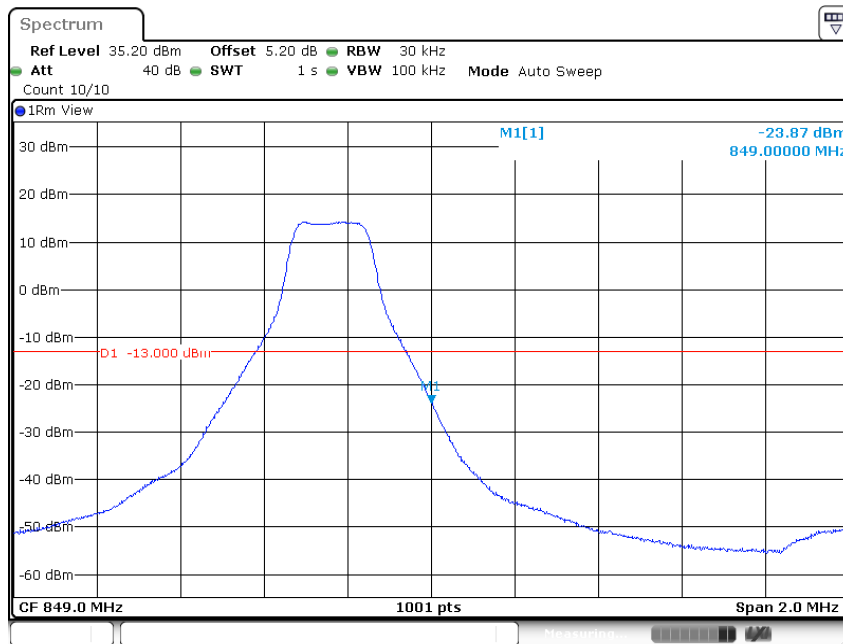


**Band5-3MHz-64QAM-20415-15RB#0**



Date: 8.SEP.2020 19:32:42

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



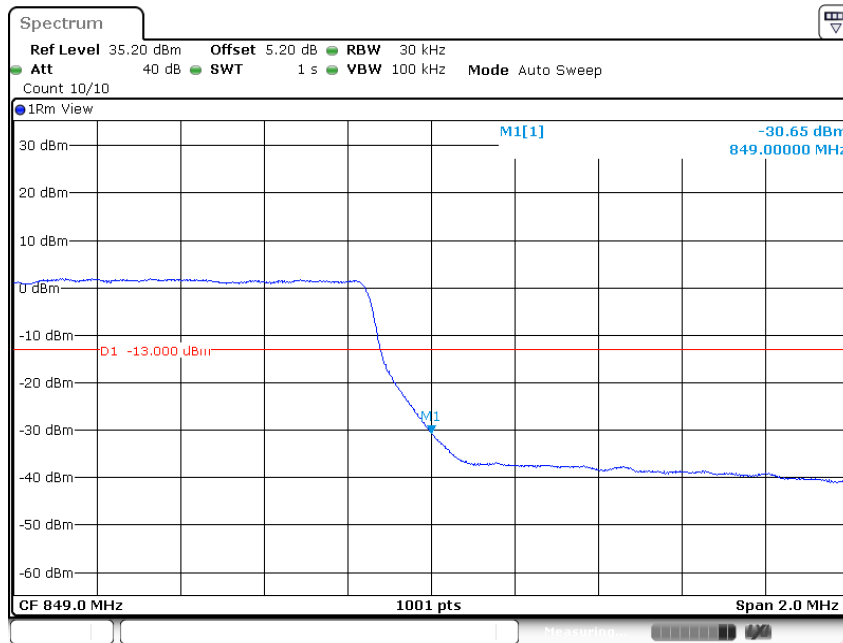
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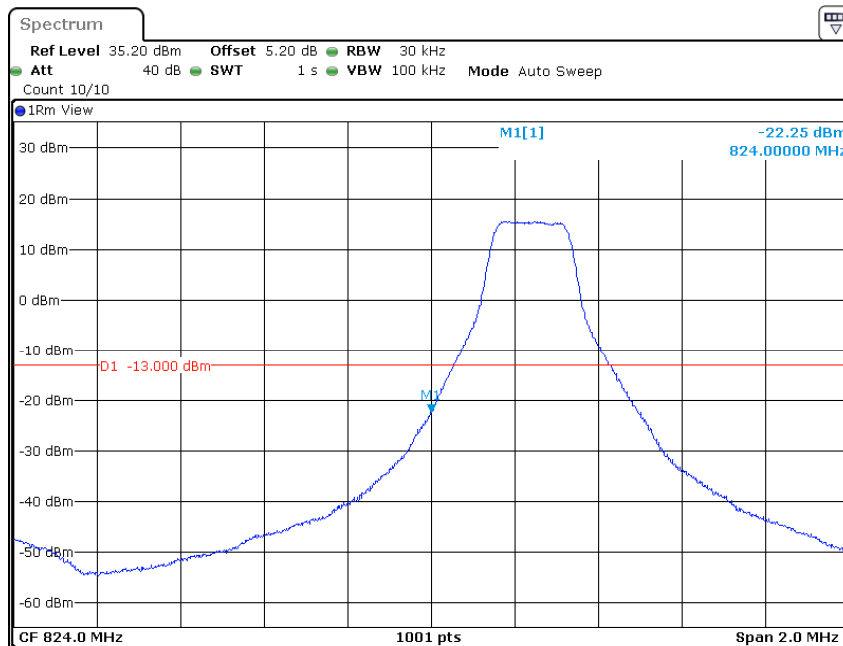
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**Band5-3MHz-64QAM-20635-15RB#0**



Date: 8.SEP.2020 19:33:28

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

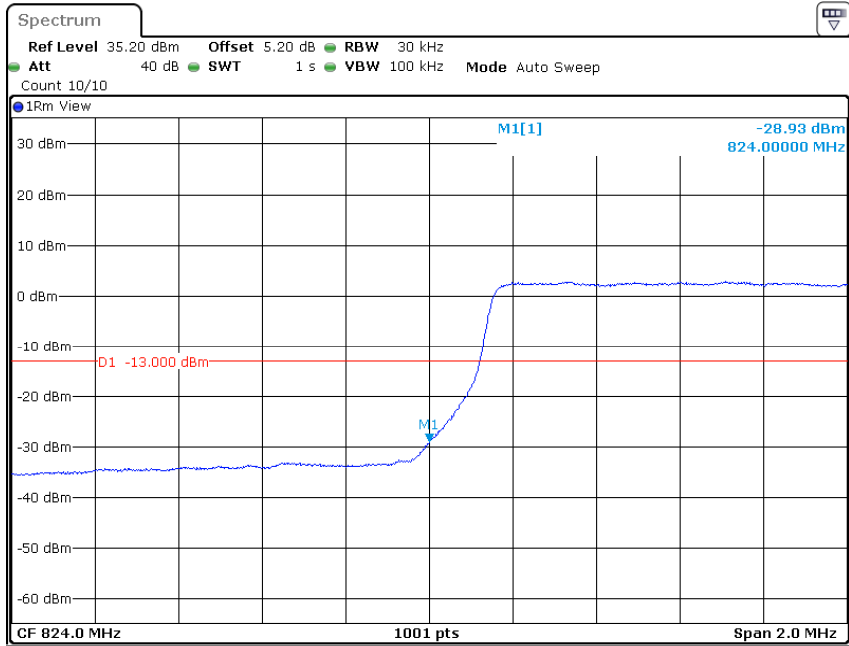


Date: 7.SEP.2020 14:38:06



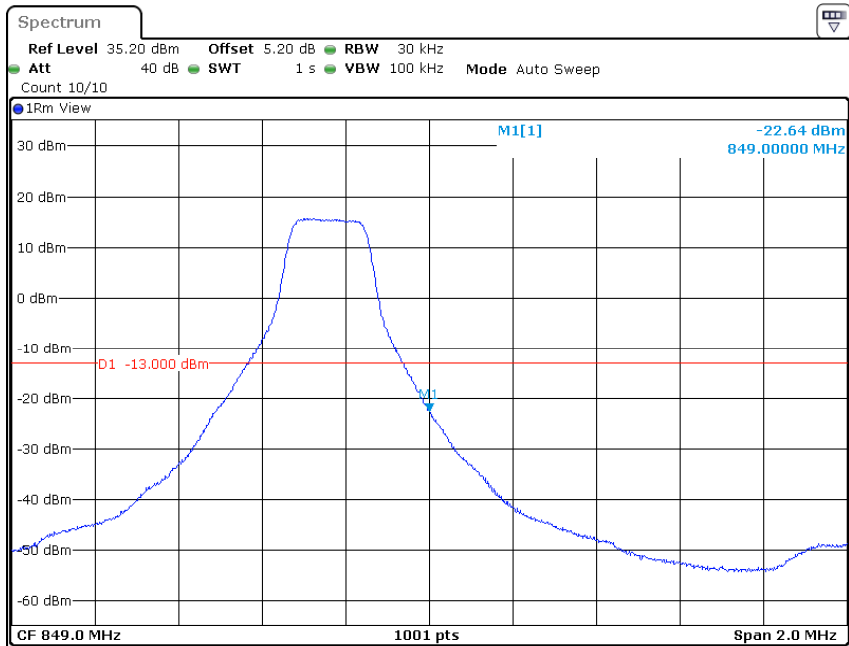
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**Band5-3MHz-16QAM-20415-15RB#0**



Date: 7.SEP.2020 14:38:47

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

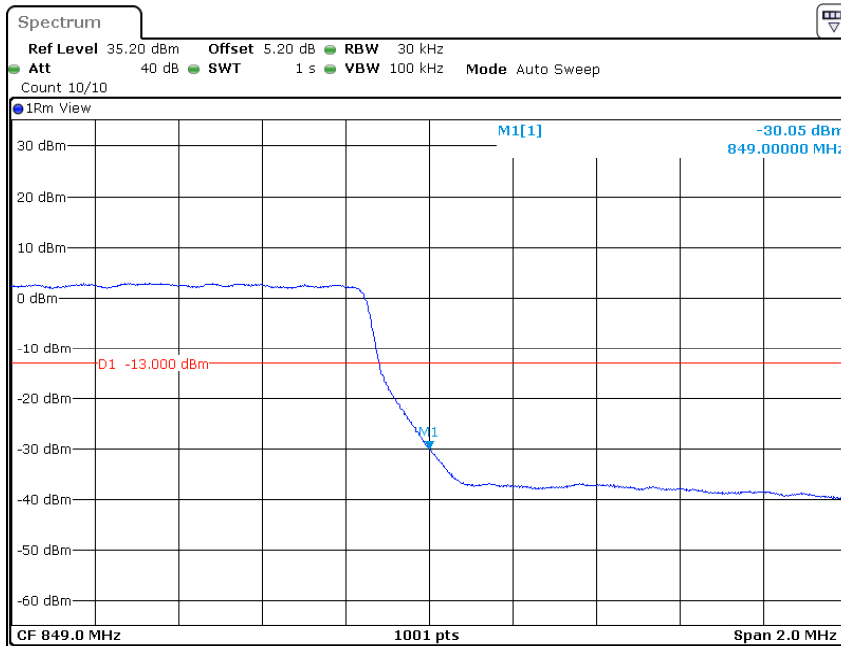


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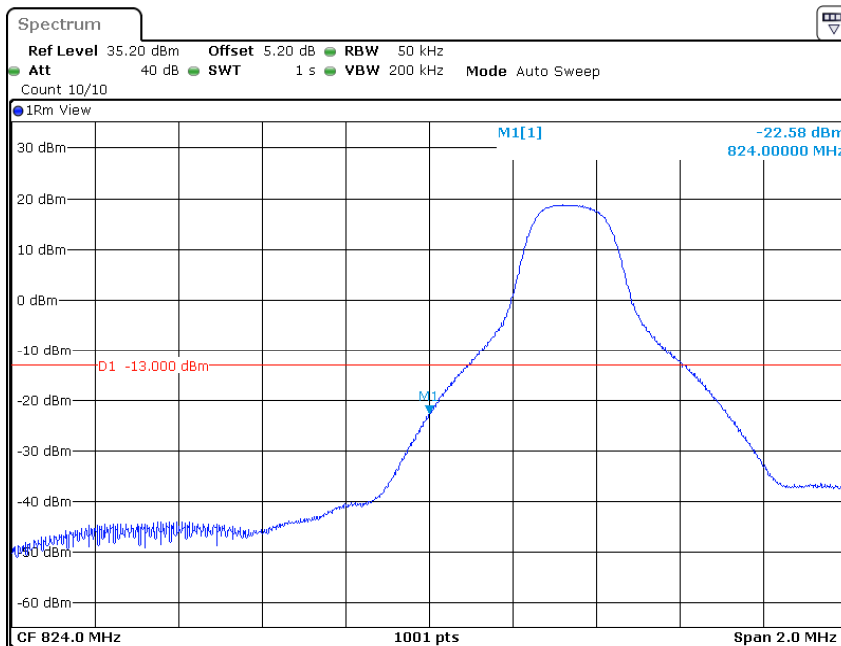
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**Band5-3MHz-16QAM-20635-15RB#0**



Date: 7.SEP.2020 14:40:14

**Band5-5MHz-QPSK-20425-1RB#0**



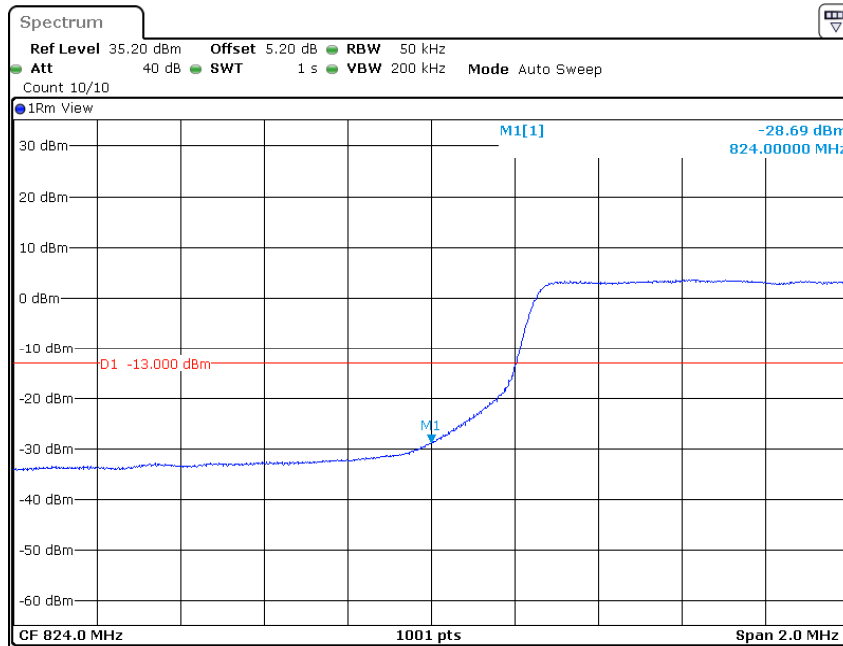
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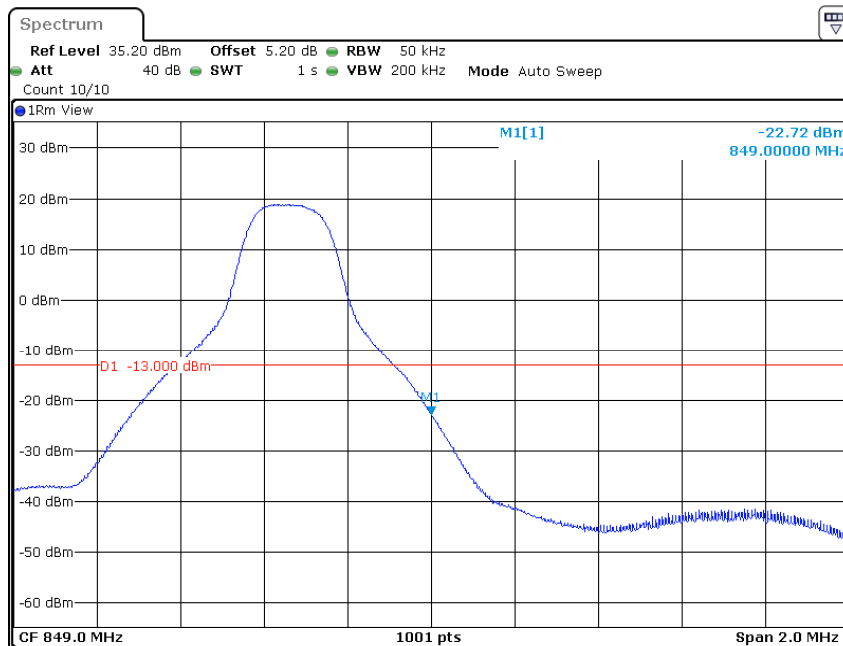


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Date: 7.SEP.2020 14:41:22

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

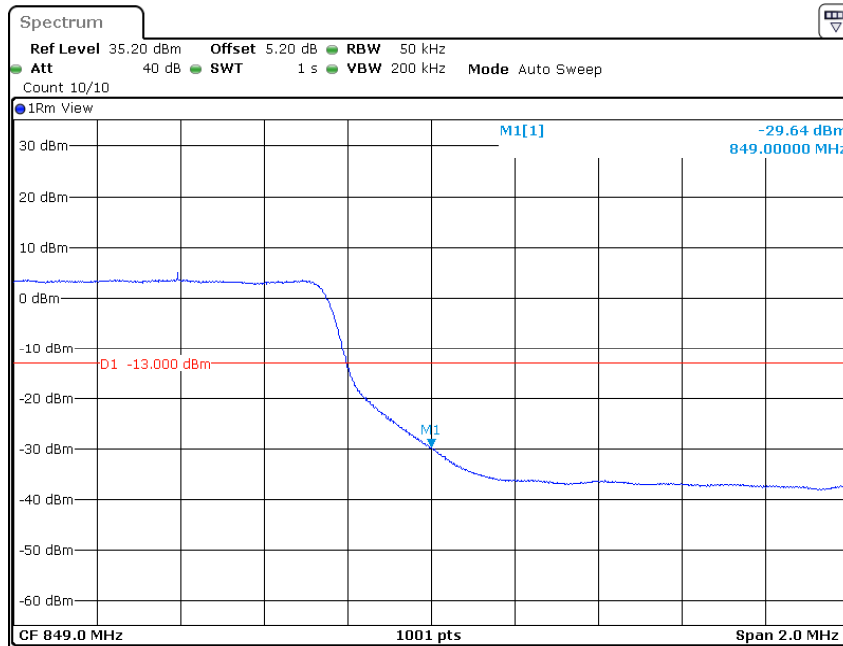


Date: 7.SEP.2020 14:42:07



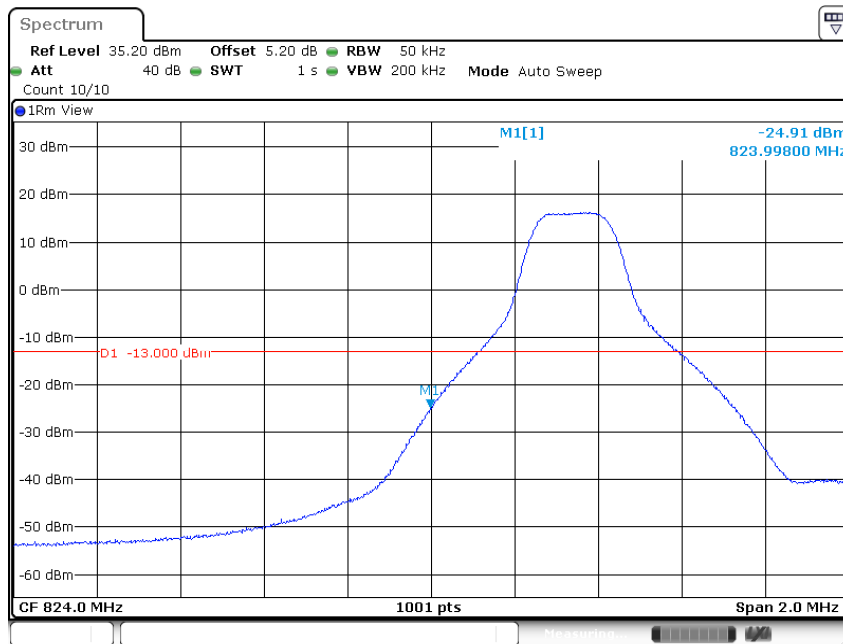
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**Band5-5MHz-QPSK-20625-25RB#0**



Date: 7 SEP.2020 14:42:48

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



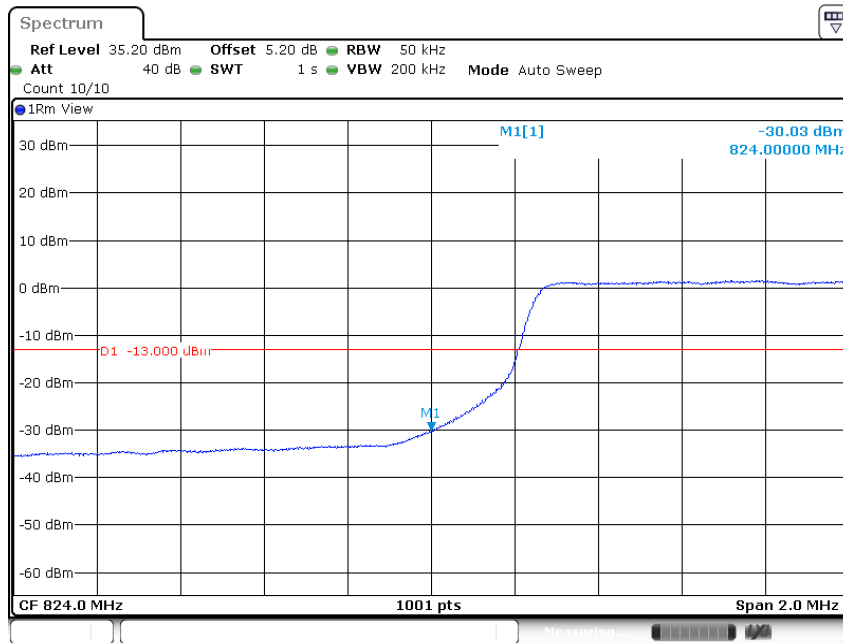
Date: 8 SEP.2020 19:33:55



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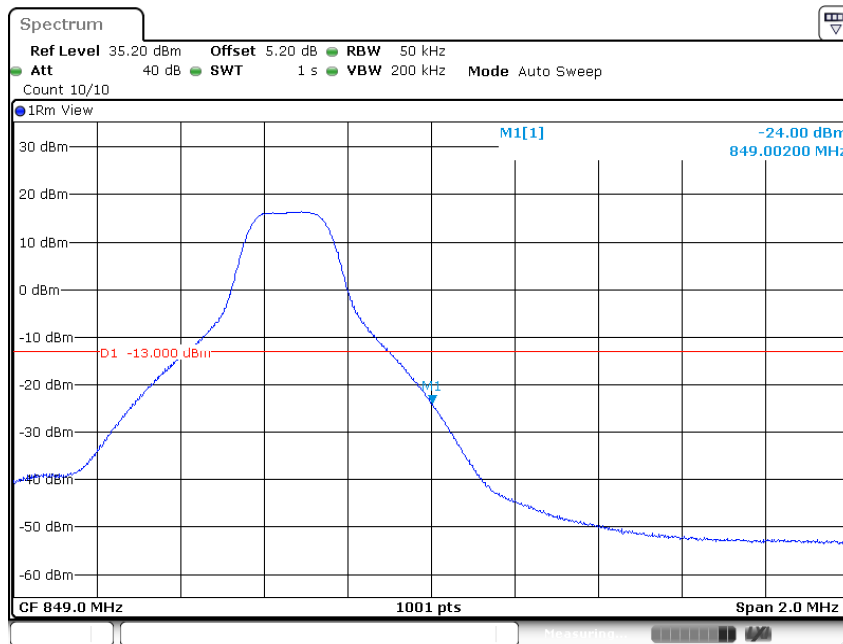
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**Band5-5MHz-64QAM-20425-25RB#0**



Date: 8.SEP.2020 19:34:16

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

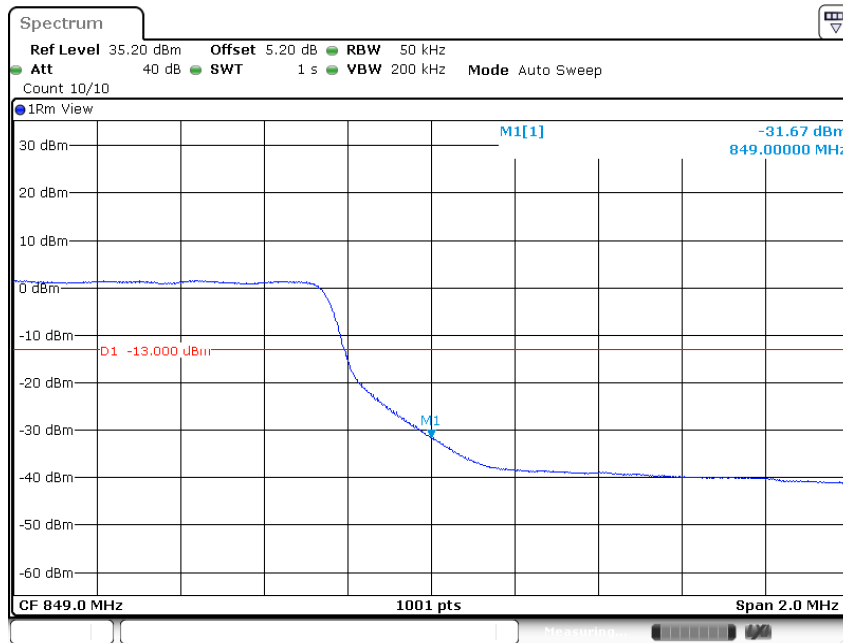


Date: 8.SEP.2020 19:34:41



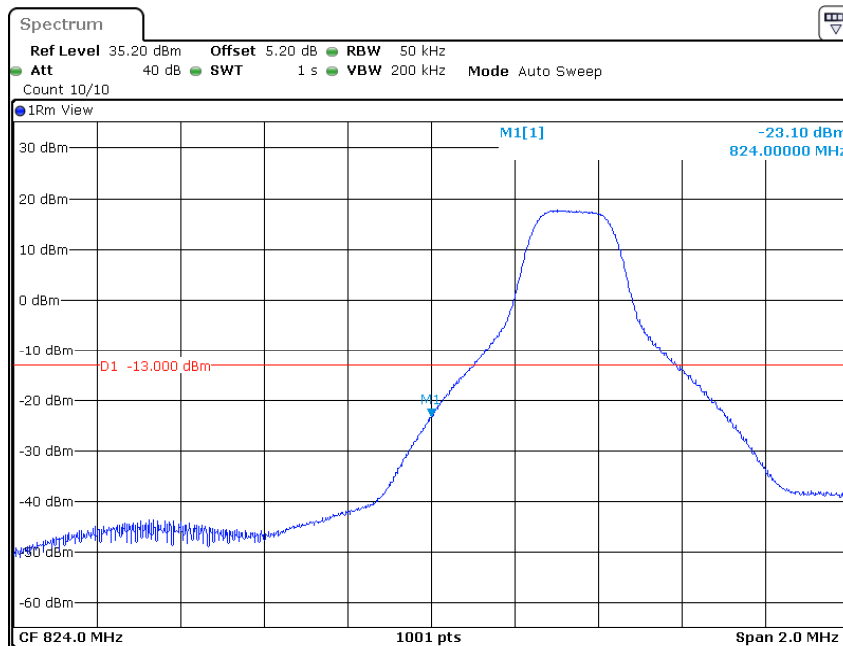
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**Band5-5MHz-64QAM-20625-25RB#0**



Date: 8.SEP.2020 19:35:02

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



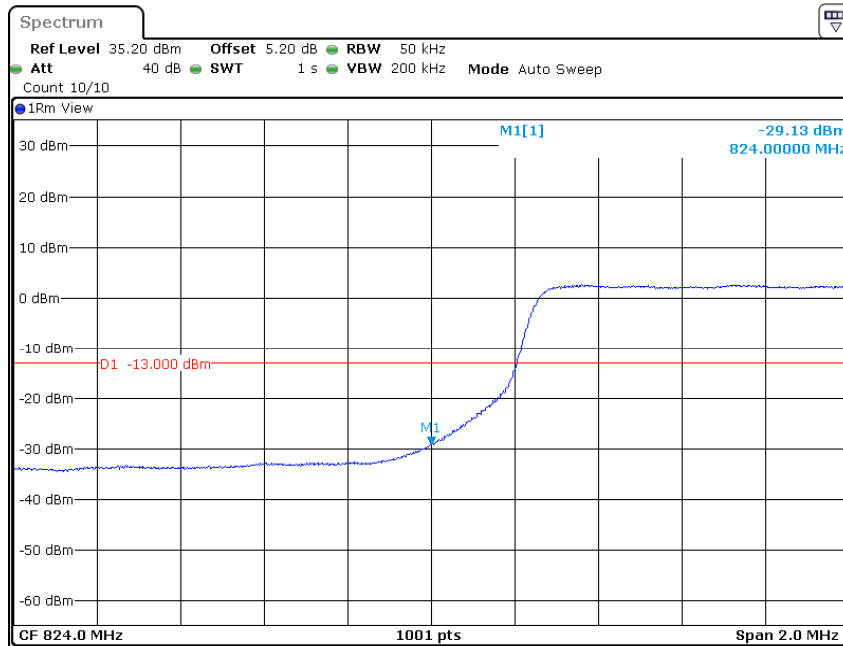
Date: 7.SEP.2020 14:41:01



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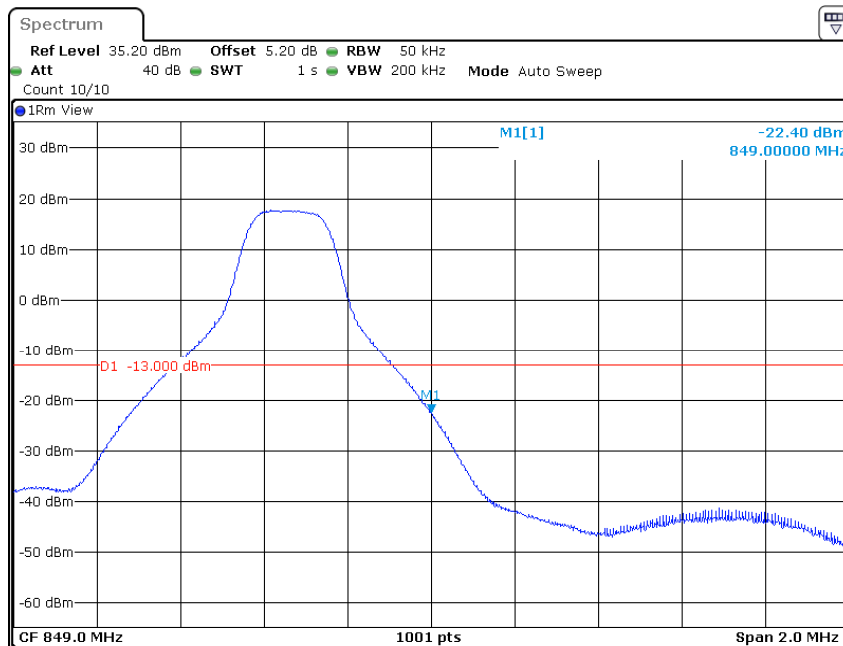


**Band5-5MHz-16QAM-20425-25RB#0**



Date: 7.SEP.2020 14:41:42

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

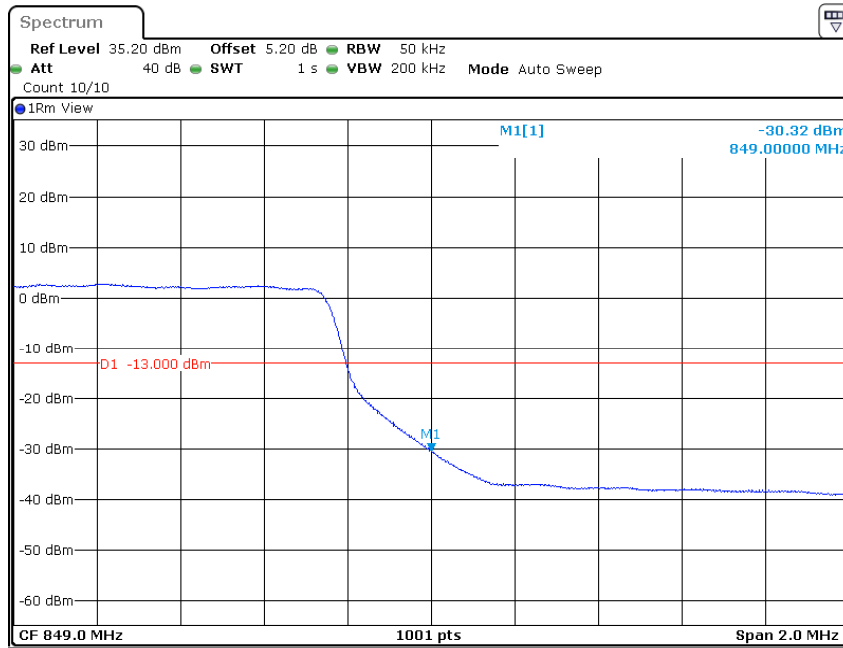


Date: 7.SEP.2020 14:42:28



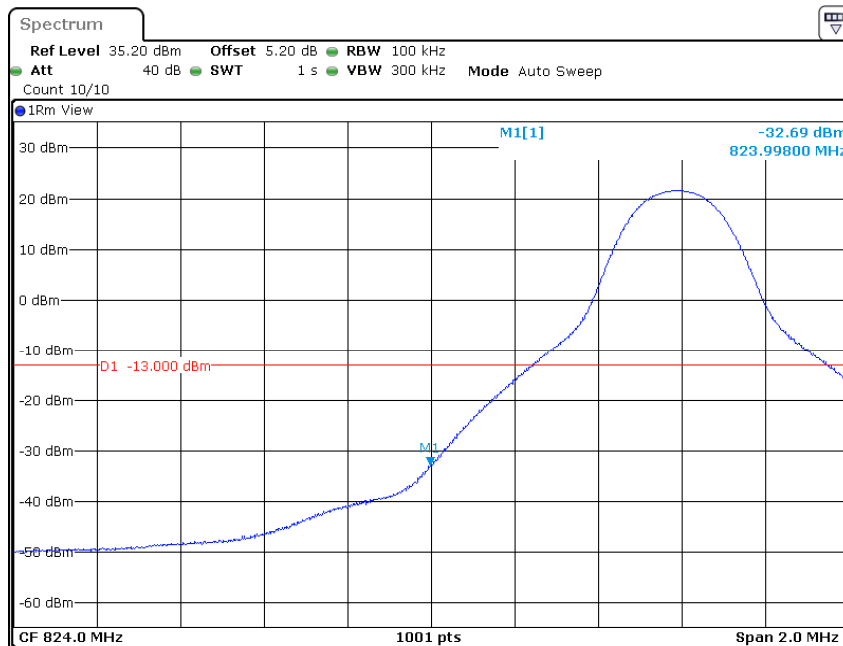
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**Band5-5MHz-16QAM-20625-25RB#0**



Date: 7.SEP.2020 14:43:09

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

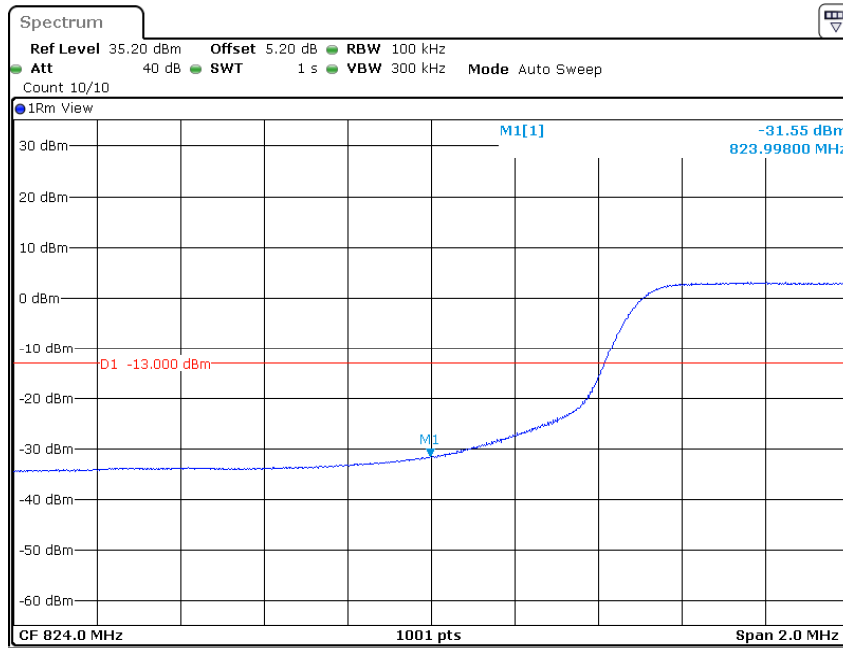


Date: 7.SEP.2020 14:43:36



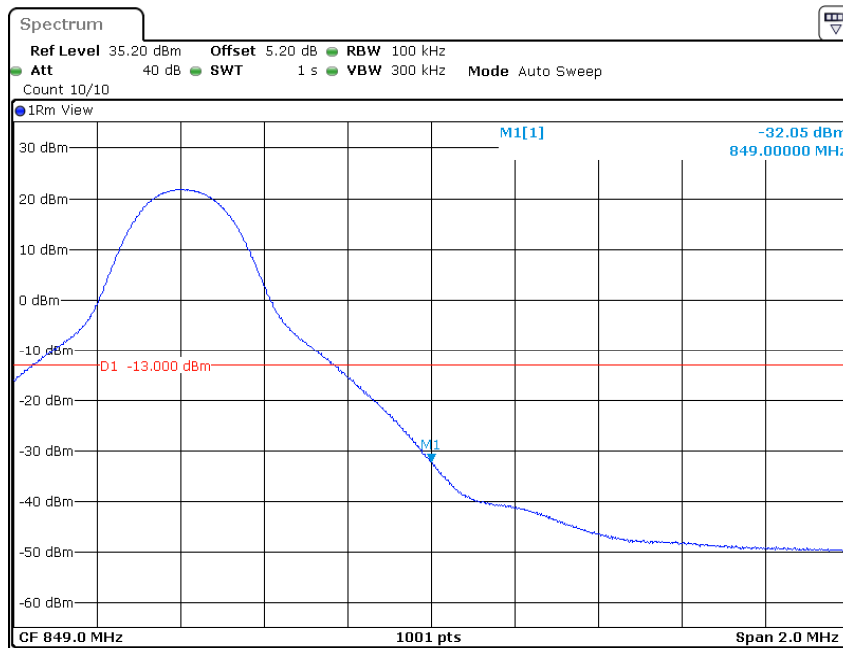
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**Band5-10MHz-QPSK-20450-50RB#0**



Date: 7.SEP.2020 14:44:17

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

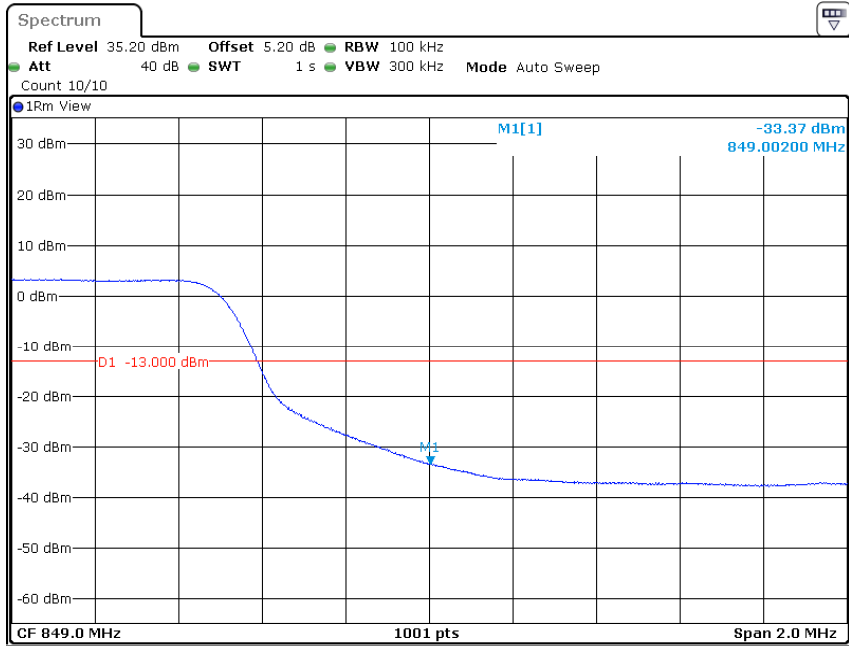


Date: 7.SEP.2020 14:45:02



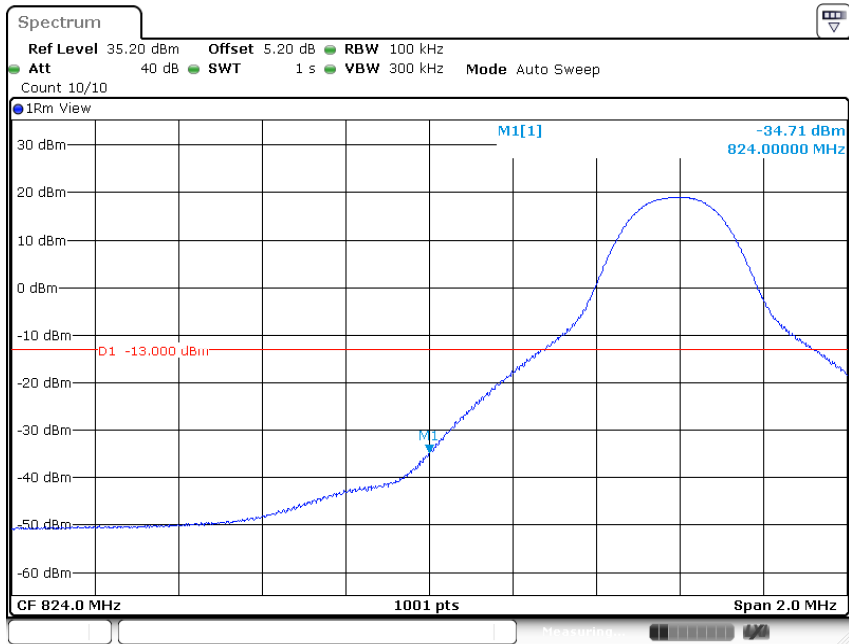
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**Band5-10MHz-QPSK-20600-50RB#0**



Date: 7 SEP. 2020 14:45:43

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



Date: 8 SEP. 2020 19:35:29

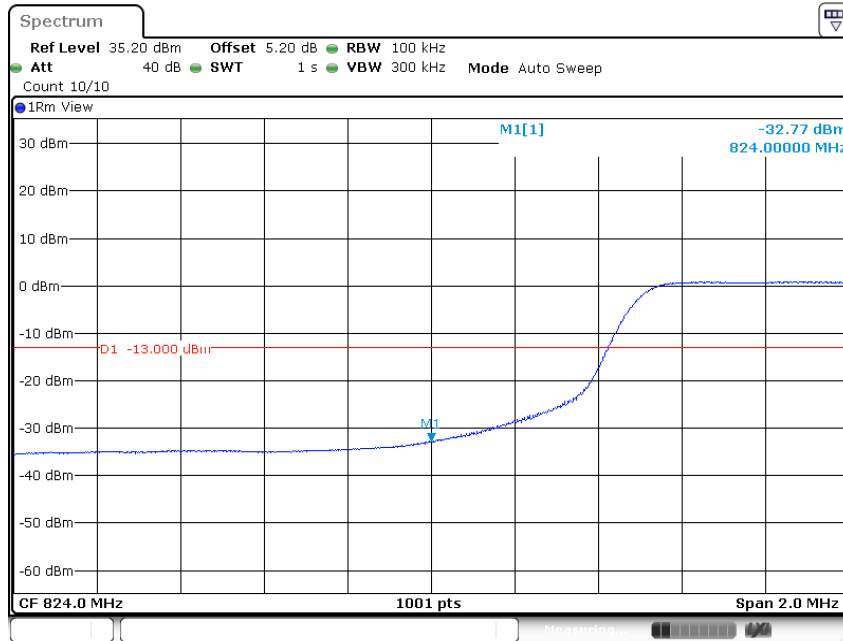


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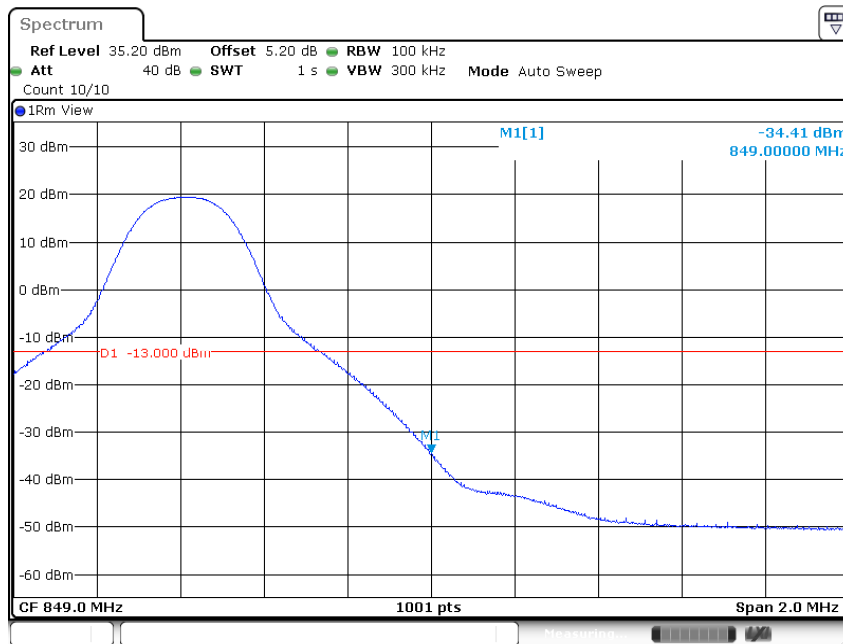
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**Band5-10MHz-64QAM-20450-50RB#0**



Date: 8.SEP.2020 19:35:50

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



Date: 8.SEP.2020 19:36:16

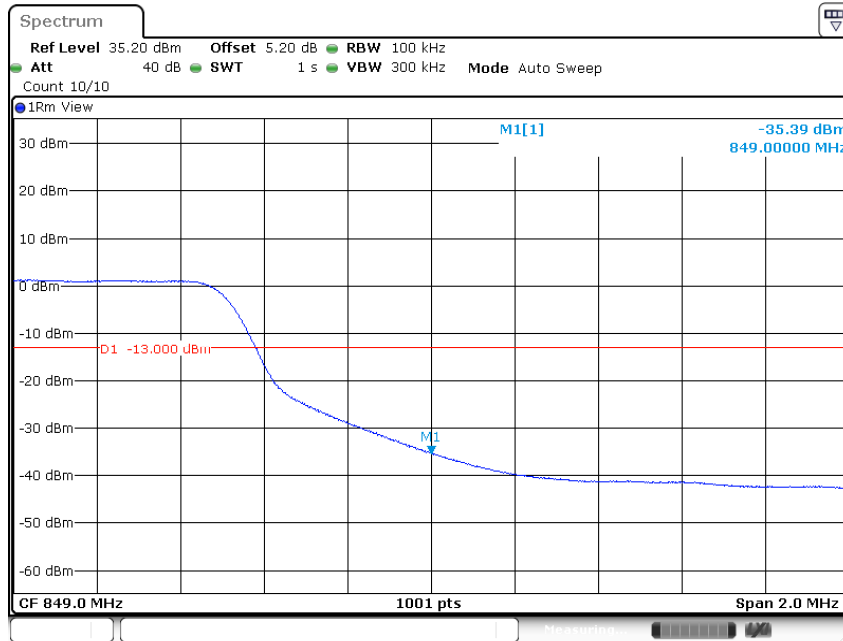


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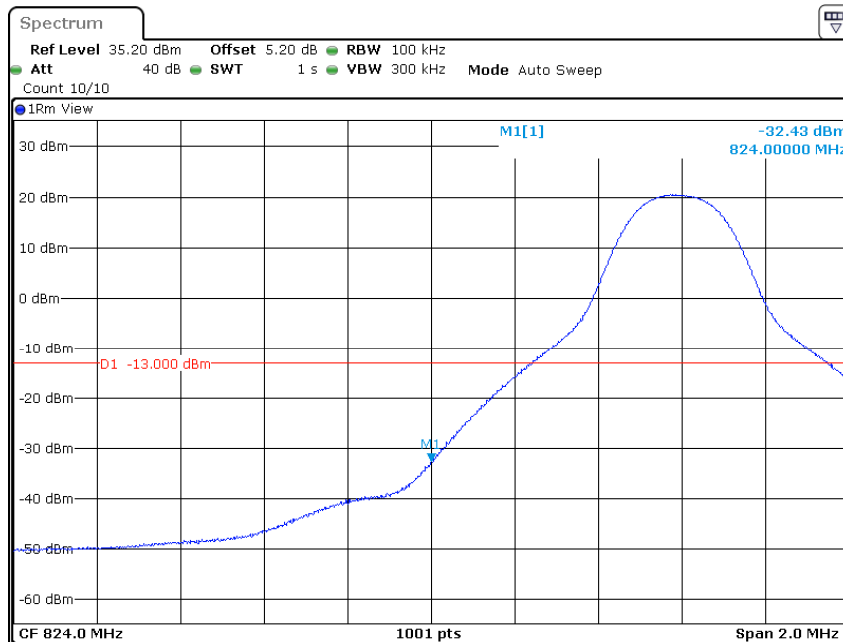


**Band5-10MHz-64QAM-20600-50RB#0**



Date: 8.SEP.2020 19:36:36

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

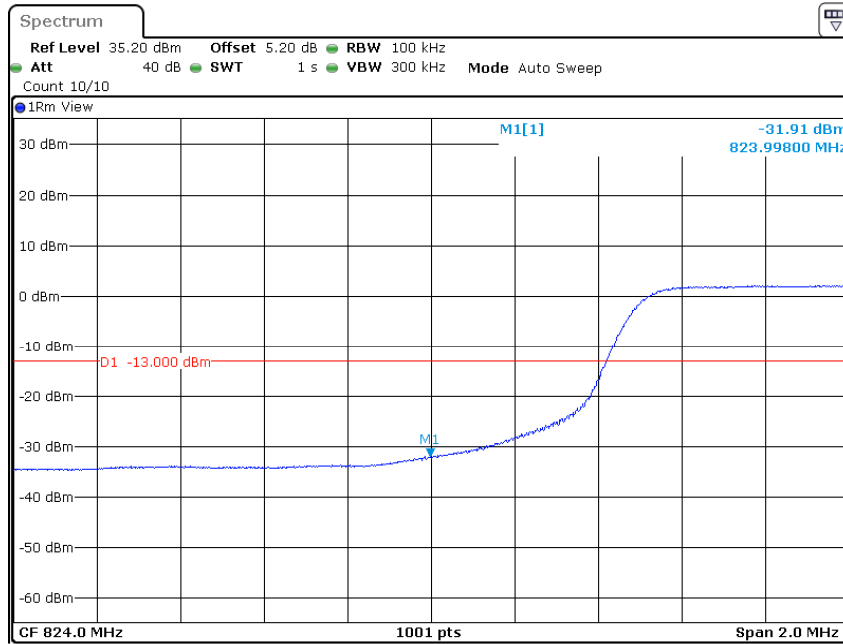


Date: 7.SEP.2020 14:43:56



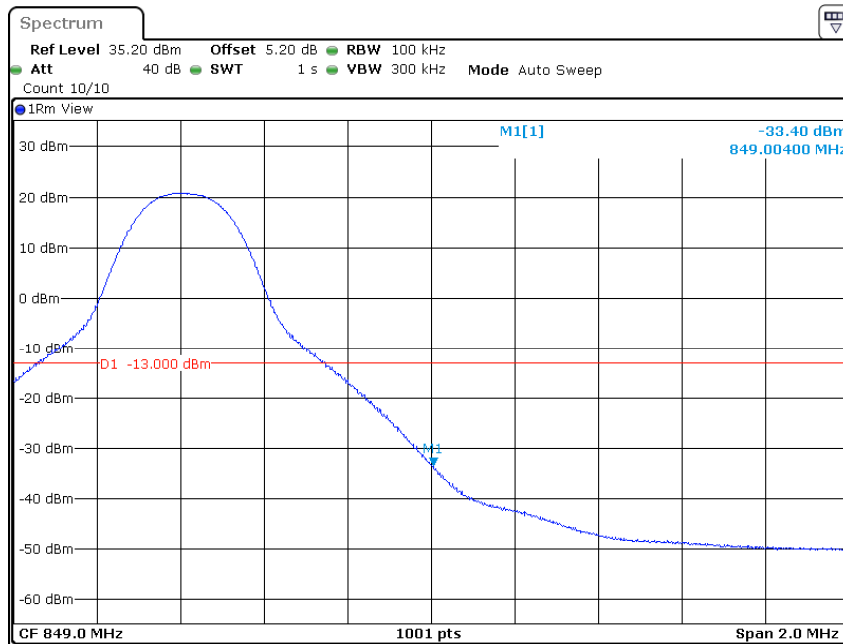
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**Band5-10MHz-16QAM-20450-50RB#0**



Date: 7.SEP.2020 14:44:37

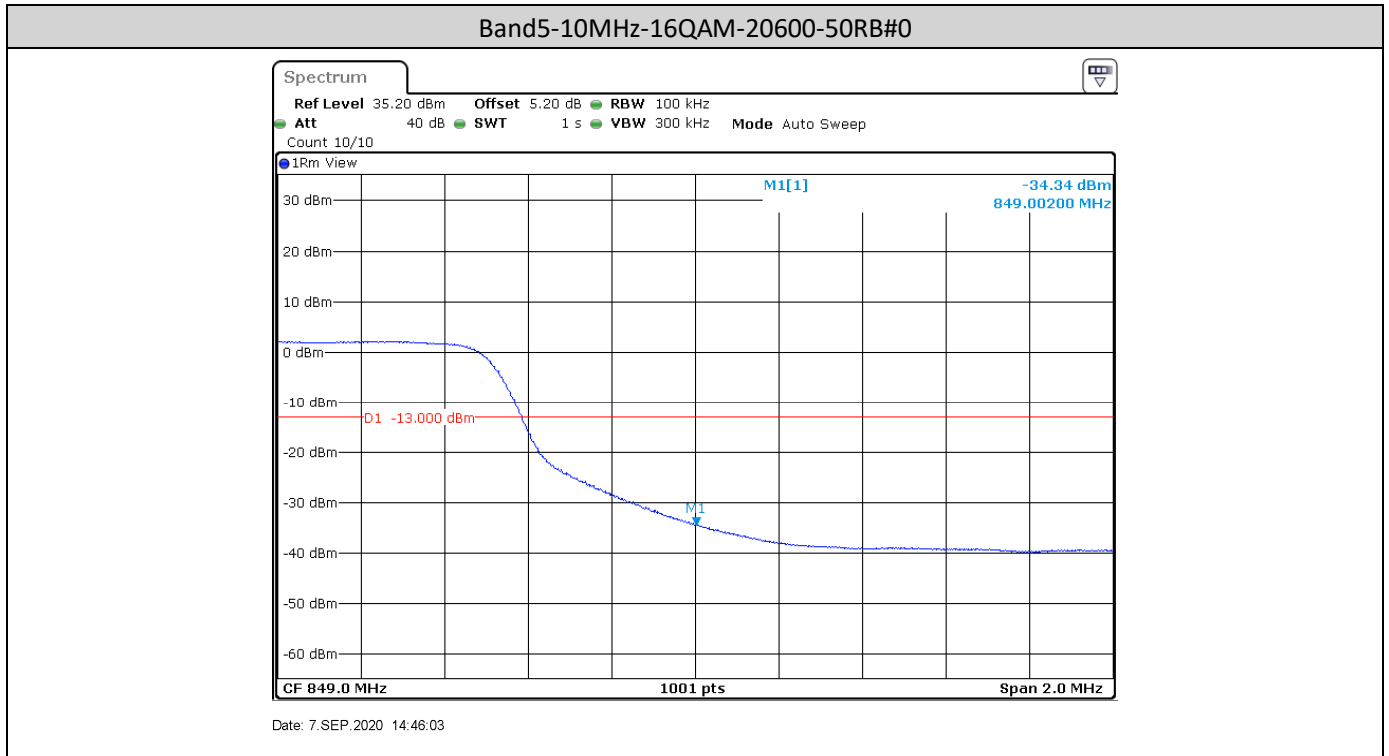
**Band5-10MHz-16QAM-20600-1RB#49**



Date: 7.SEP.2020 14:45:22



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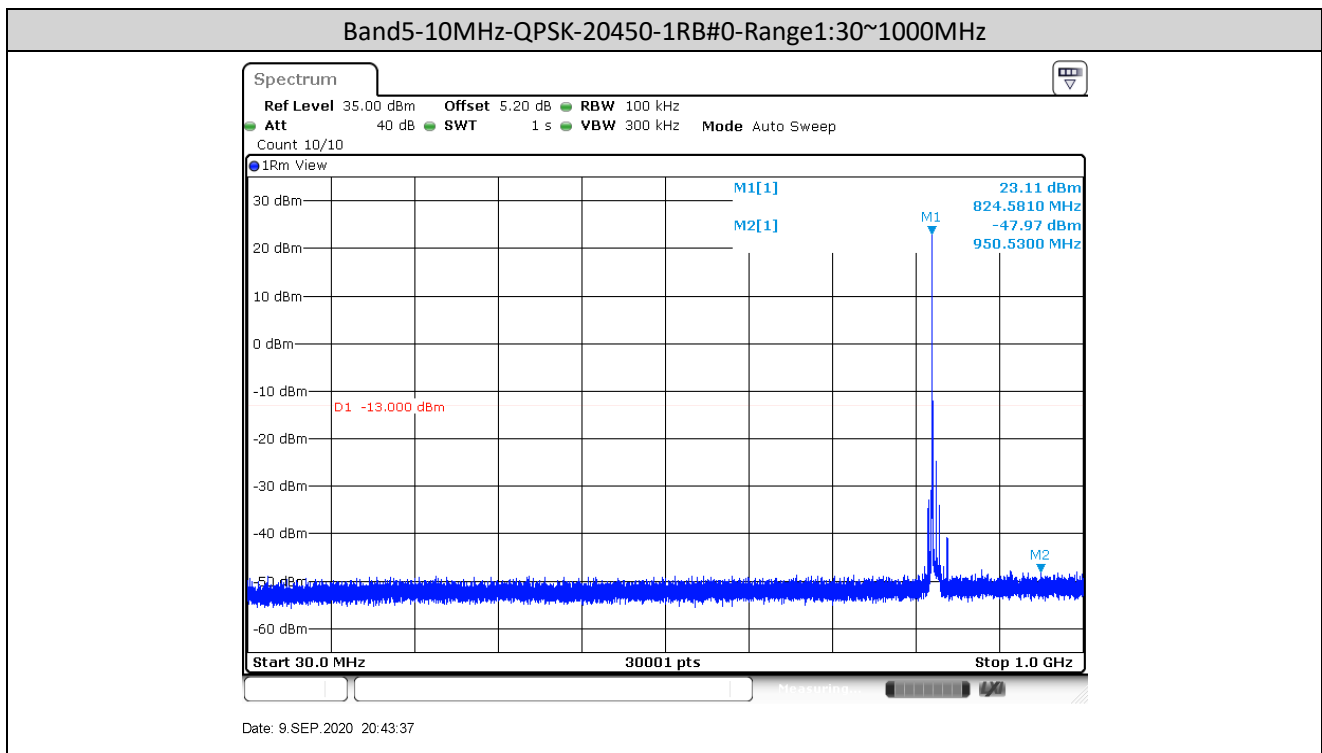
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## 6. Spurious Emission at Antenna Terminal

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.

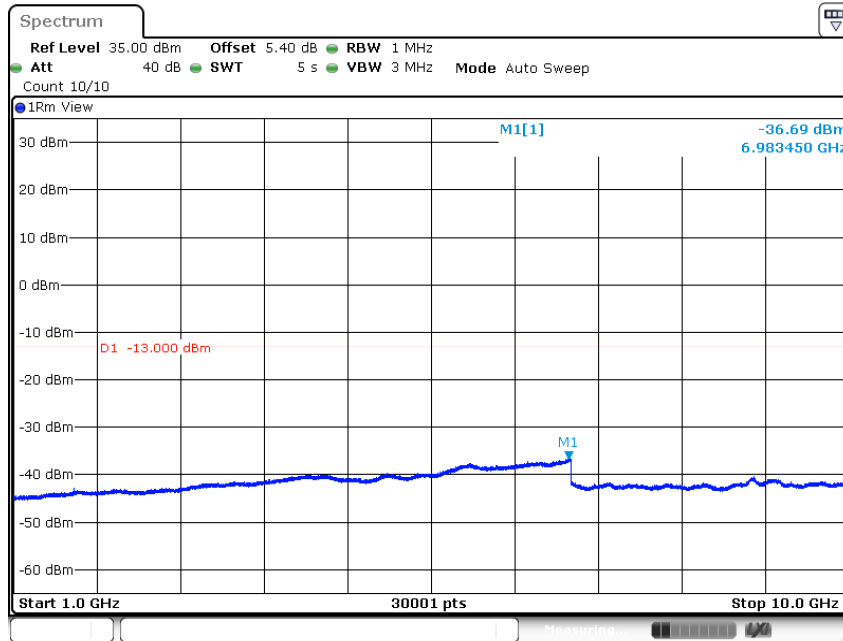
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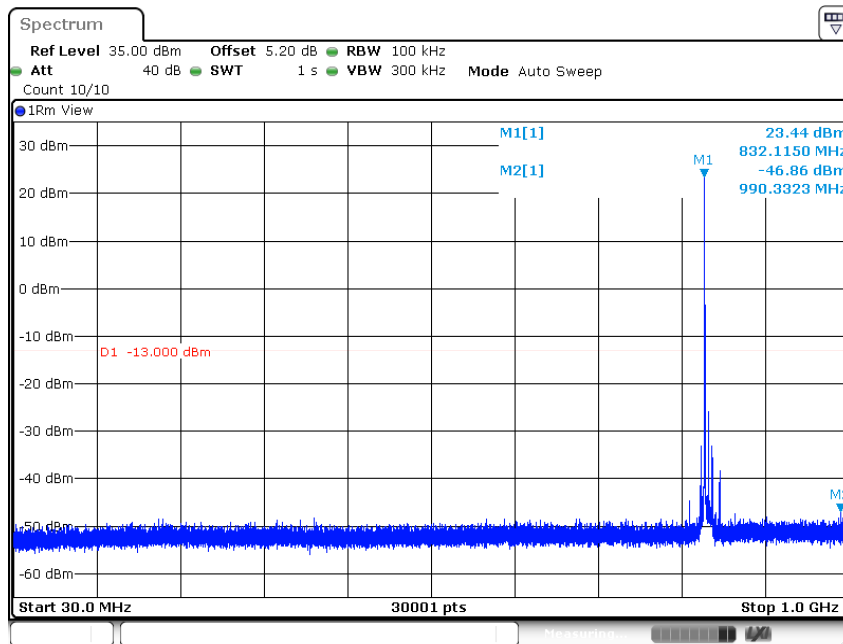
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**Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:44:45

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



Date: 9.SEP.2020 20:46:31

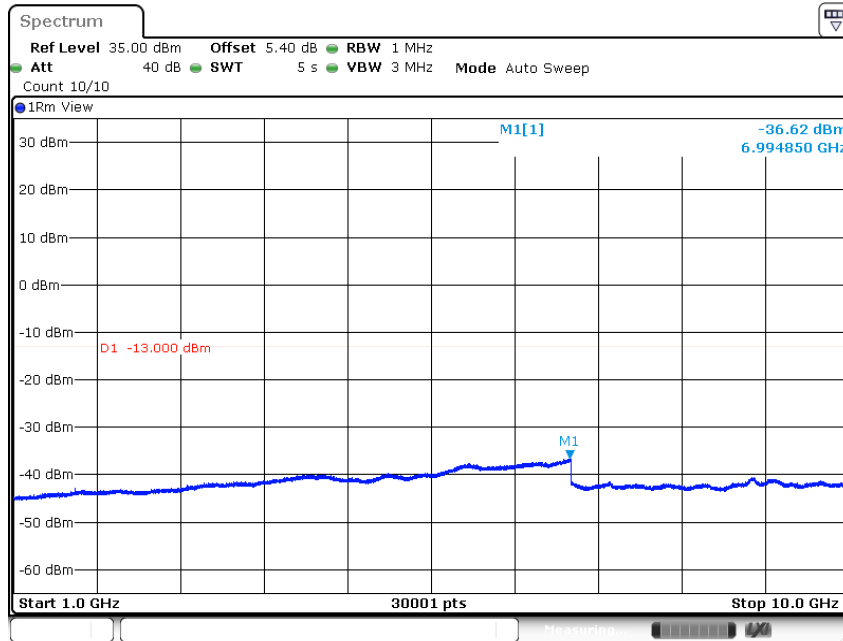


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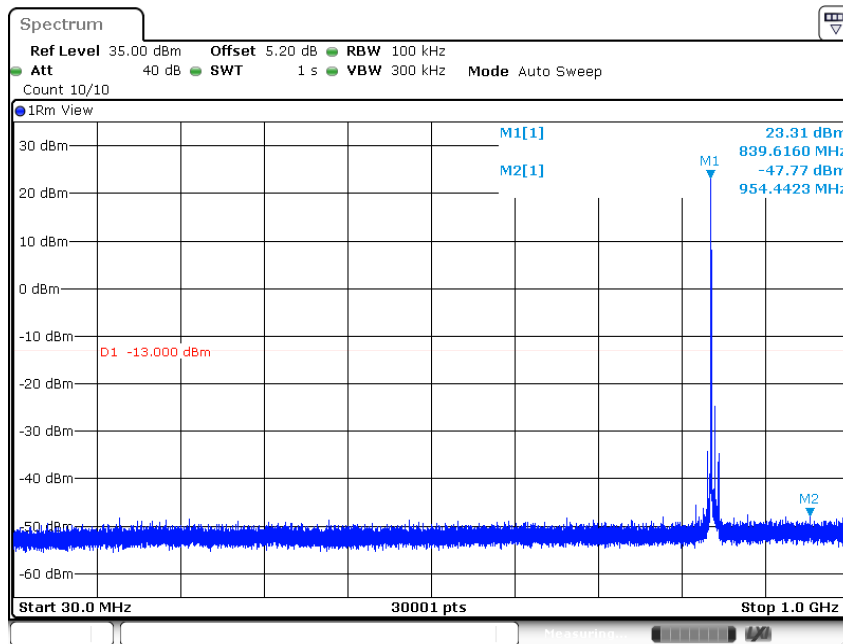


**Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:47:39

**Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz**

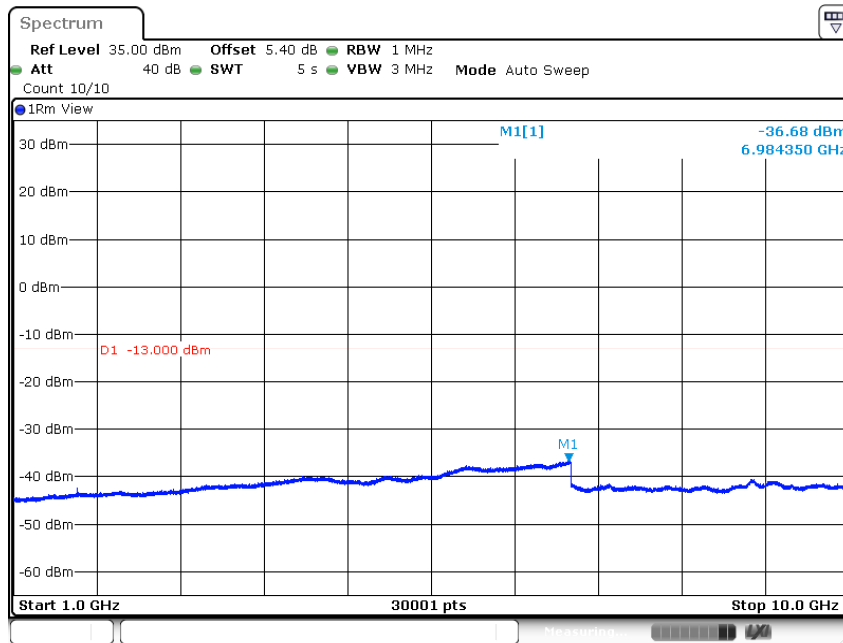


Date: 9.SEP.2020 20:49:26



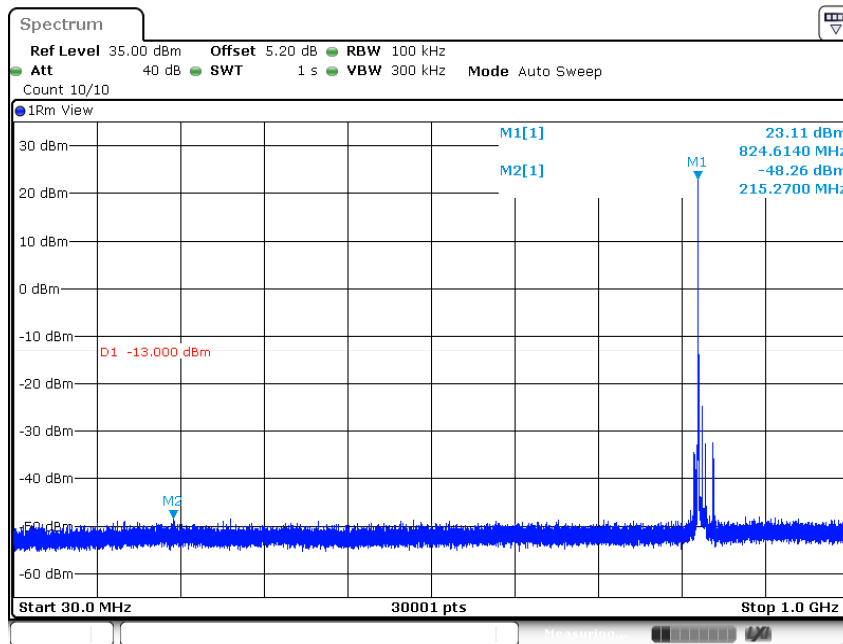
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**Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:50:33

**Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz**

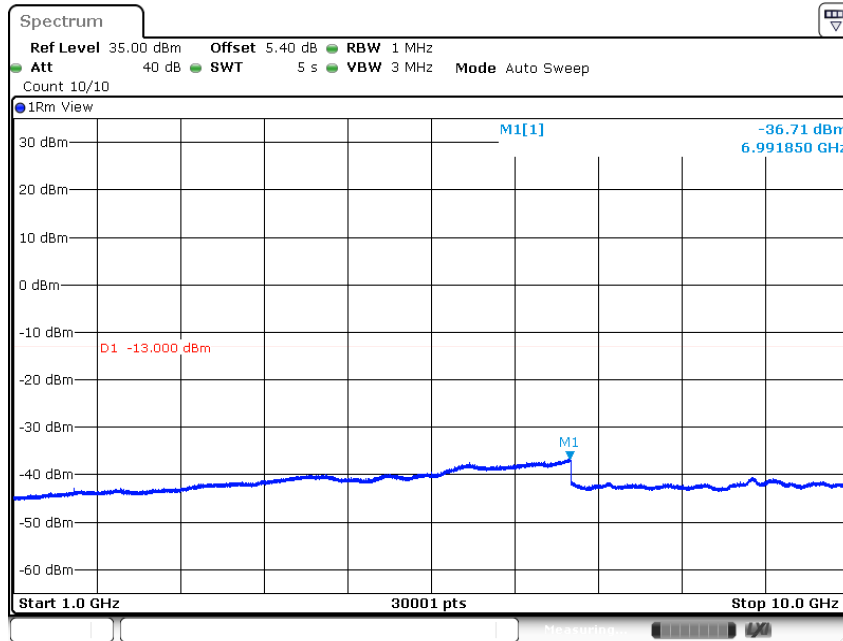


Date: 9.SEP.2020 20:52:24



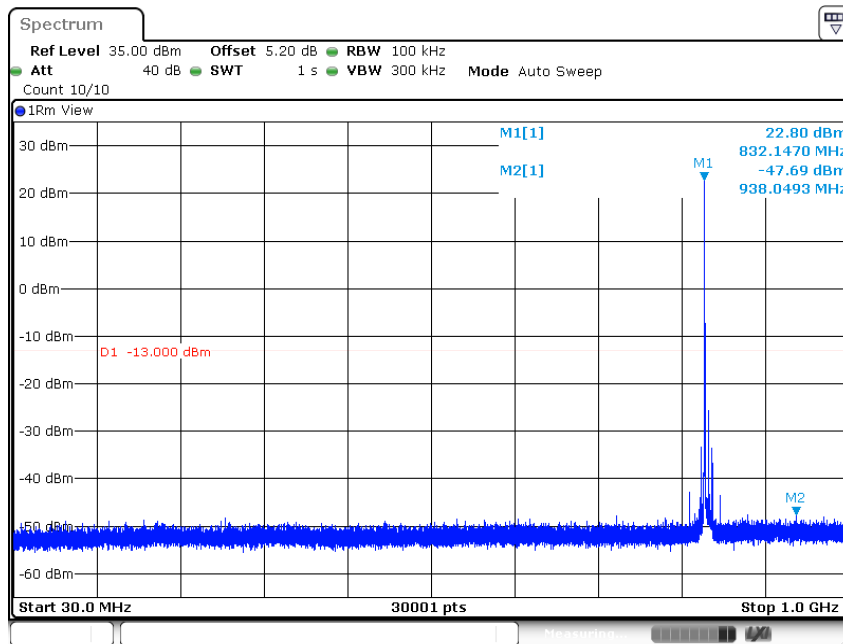
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**Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:53:31

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

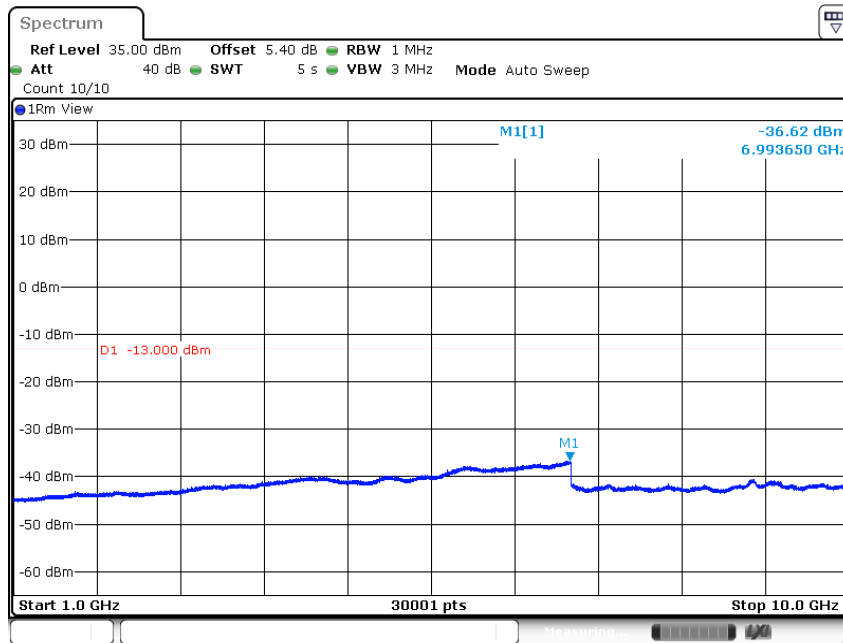


Date: 9.SEP.2020 20:53:51



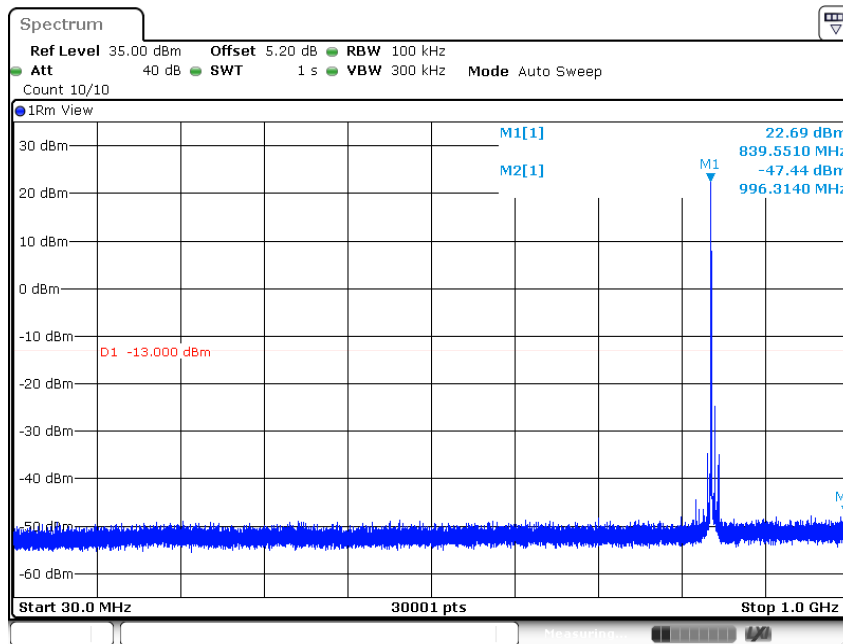
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**Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:54:58

**Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz**

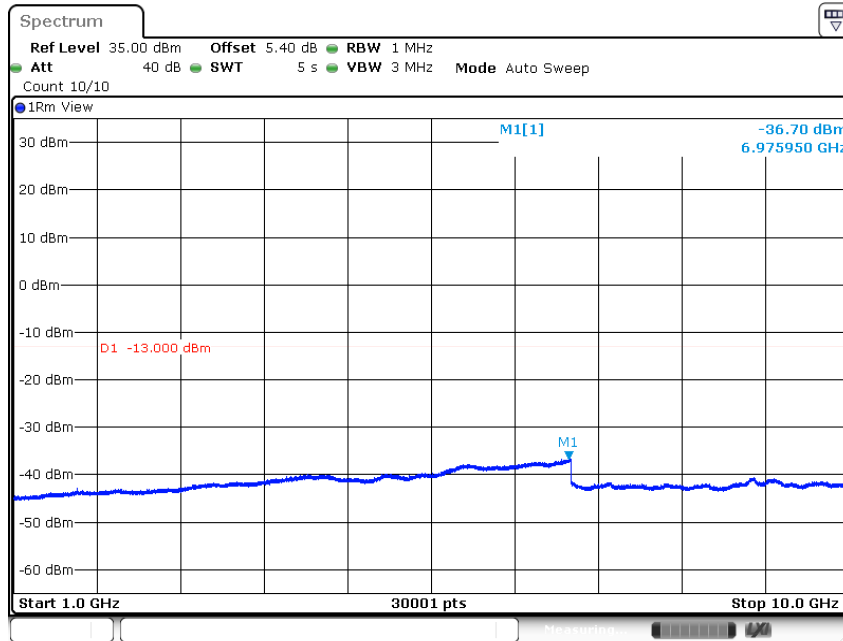


Date: 9.SEP.2020 20:55:18



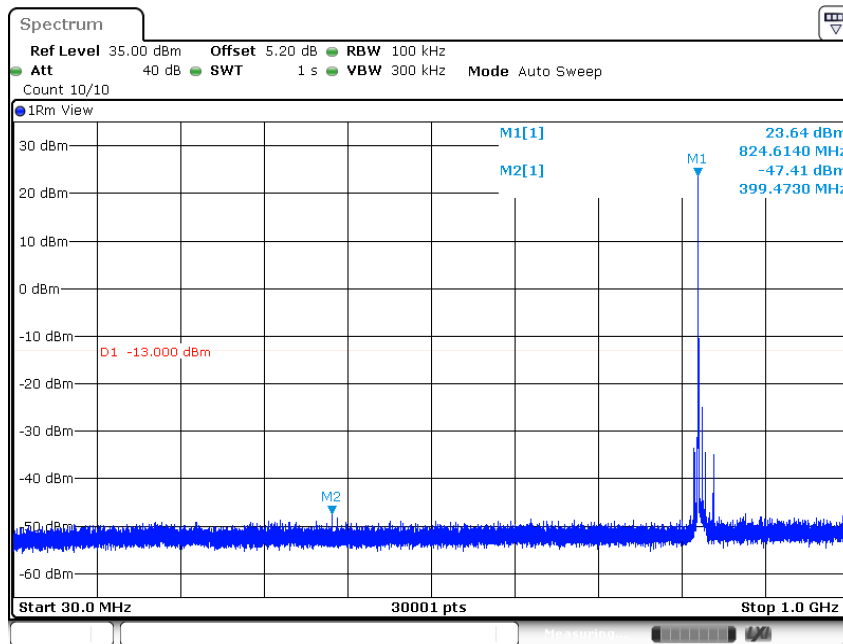
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**Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:56:25

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



Date: 9.SEP.2020 20:45:04

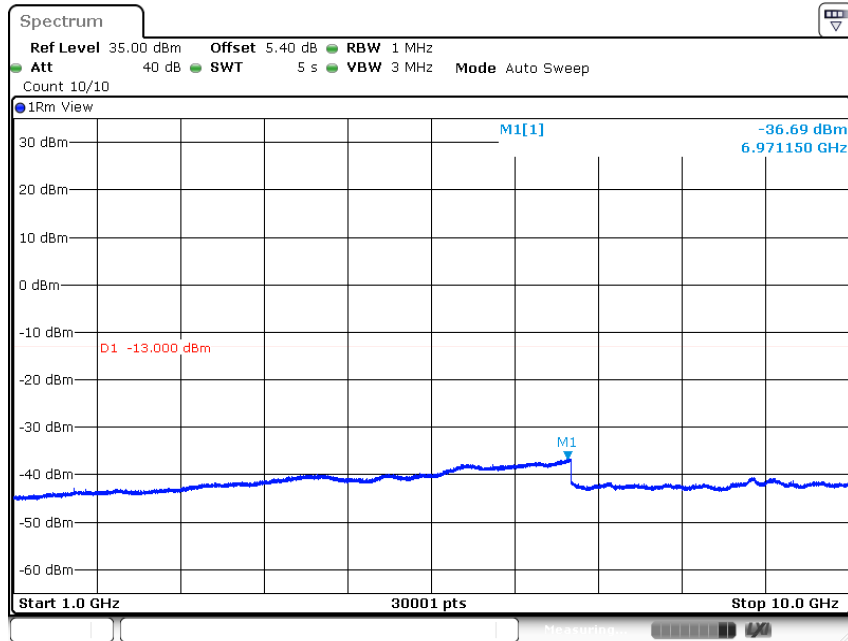


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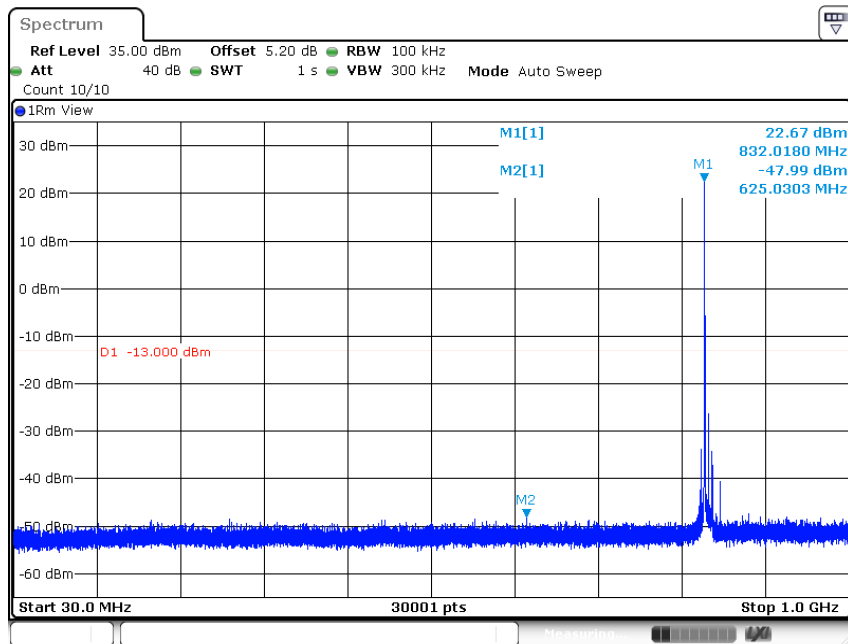


**Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:46:12

**Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz**

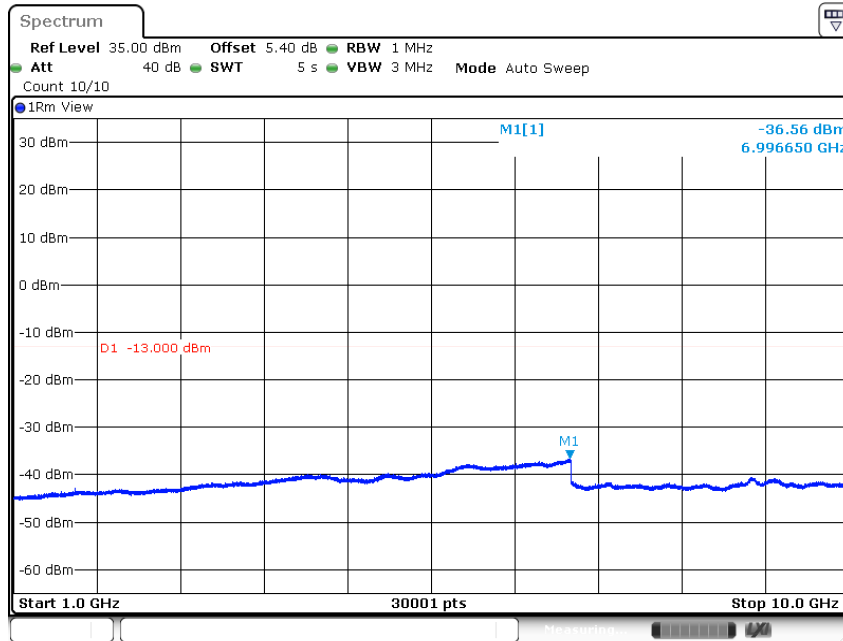


Date: 9.SEP.2020 20:47:58



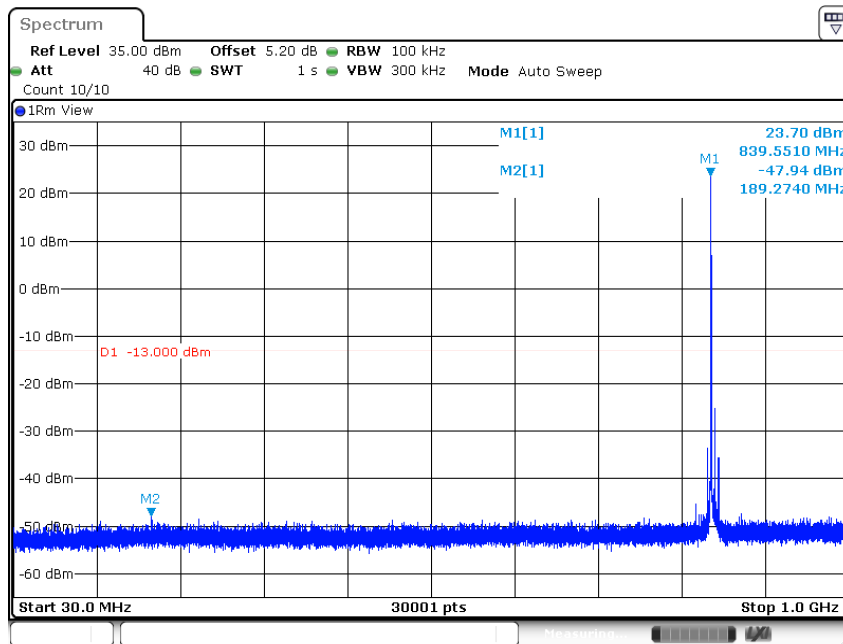
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**Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz**



Date: 9.SEP.2020 20:49:06

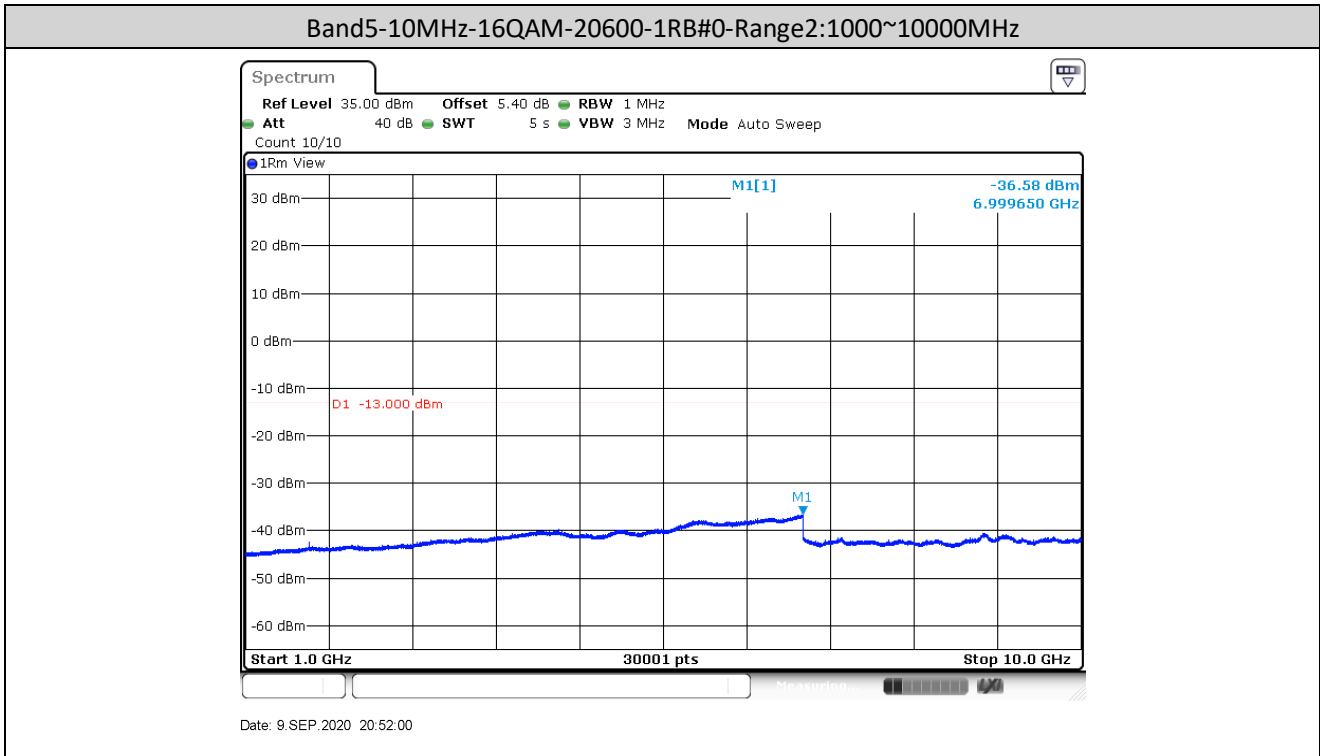
**Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz**



Date: 9.SEP.2020 20:50:52



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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) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 48.4794         | -71.47      | -13.00           | 58.47       | Vertical     |
| 108.9619        | -61.83      | -13.00           | 48.83       | Vertical     |
| 291.7676        | -66.87      | -13.00           | 53.87       | Vertical     |
| 1648.9298       | -64.22      | -13.00           | 51.22       | Vertical     |
| 2691.5383       | -57.59      | -13.00           | 44.59       | Vertical     |
| 9907.8303       | -52.10      | -13.00           | 39.10       | Vertical     |
| 44.8417         | -62.60      | -13.00           | 49.60       | Horizontal   |
| 99.3100         | -73.04      | -13.00           | 60.04       | Horizontal   |
| 235.8928        | -65.34      | -13.00           | 52.34       | Horizontal   |
| 1648.9298       | -59.80      | -13.00           | 46.80       | Horizontal   |
| 3000.0000       | -56.36      | -13.00           | 43.36       | Horizontal   |
| 9328.4443       | -52.69      | -13.00           | 39.69       | Horizontal   |

#### 7.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 49.4980         | -70.54      | -13.00           | 57.54       | Vertical     |
| 112.0661        | -63.60      | -13.00           | 50.60       | Vertical     |
| 383.1947        | -64.16      | -13.00           | 51.16       | Vertical     |
| 1760.1520       | -62.61      | -13.00           | 49.61       | Vertical     |
| 2693.5387       | -57.62      | -13.00           | 44.62       | Vertical     |
| 9877.7293       | -52.30      | -13.00           | 39.30       | Vertical     |
| 44.7932         | -62.18      | -13.00           | 49.18       | Horizontal   |
| 82.3826         | -73.22      | -13.00           | 60.22       | Horizontal   |
| 246.5148        | -65.32      | -13.00           | 52.32       | Horizontal   |
| 1664.1328       | -62.64      | -13.00           | 49.64       | Horizontal   |
| 2703.5407       | -56.20      | -13.00           | 43.20       | Horizontal   |
| 7460.0820       | -56.32      | -13.00           | 43.32       | Horizontal   |



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### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 49.4495         | -70.69      | -13.00           | 57.69       | Vertical     |
| 110.2230        | -62.78      | -13.00           | 49.78       | Vertical     |
| 373.3972        | -66.18      | -13.00           | 53.18       | Vertical     |
| 1746.1492       | -62.64      | -13.00           | 49.64       | Vertical     |
| 2700.3401       | -57.56      | -13.00           | 44.56       | Vertical     |
| 9836.6612       | -52.48      | -13.00           | 39.48       | Vertical     |
| 43.7747         | -61.35      | -13.00           | 48.35       | Horizontal   |
| 88.6394         | -72.97      | -13.00           | 59.97       | Horizontal   |
| 233.4677        | -65.49      | -13.00           | 52.49       | Horizontal   |
| 1678.9358       | -62.93      | -13.00           | 49.93       | Horizontal   |
| 2700.7401       | -56.10      | -13.00           | 43.10       | Horizontal   |
| 7464.0488       | -55.95      | -13.00           | 42.95       | 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               | 1.60           | 0.001930        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VN            | NT               | 0.70           | 0.000844        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VH            | NT               | -0.40          | -0.000483       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VL            | NT               | 0.90           | 0.001076        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VN            | NT               | 0.30           | 0.000359        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VH            | NT               | 2.20           | 0.002630        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VL            | NT               | 2.40           | 0.002844        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VN            | NT               | 2.10           | 0.002488        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VH            | NT               | 2.00           | 0.002370        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VL            | NT               | 0.80           | 0.000965        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VN            | NT               | 1.10           | 0.001327        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VH            | NT               | 1.00           | 0.001206        | ±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               | 0.60           | 0.000717        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VH            | NT               | 2.50           | 0.002989        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VL            | NT               | -1.70          | -0.002014       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VN            | NT               | 1.20           | 0.001422        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VH            | NT               | 1.50           | 0.001777        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VL            | NT               | -1.80          | -0.002171       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VN            | NT               | -1.30          | -0.001568       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VH            | NT               | -1.50          | -0.001809       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VL            | NT               | -0.40          | -0.000478       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VN            | NT               | 0.20           | 0.000239        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VH            | NT               | 0.40           | 0.000478        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VL            | NT               | 0.60           | 0.000711        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VN            | NT               | 0.30           | 0.000355        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VH            | NT               | -1.60          | -0.001896       | ±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              | 1.10           | 0.001327        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -20              | 1.40           | 0.001689        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -10              | 0.50           | 0.000603        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 0                | 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            | 20               | -0.60          | -0.000724       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 30               | -0.40          | -0.000483       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 40               | -1.10          | -0.001327       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 50               | -0.60          | -0.000724       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | -30              | 1.10           | 0.001315        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | -20              | 0.70           | 0.000837        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | -10              | 0.50           | 0.000598        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 0                | 3.10           | 0.003706        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 10               | 1.10           | 0.001315        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 20               | 2.20           | 0.002630        | ±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            | 40               | 0.50           | 0.000598        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 50               | -0.30          | -0.000359       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | -30              | 2.30           | 0.002725        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | -20              | 2.00           | 0.002370        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | -10              | 1.20           | 0.001422        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 0                | 1.00           | 0.001185        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 10               | 0.10           | 0.000118        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 20               | 1.90           | 0.002251        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 30               | -0.60          | -0.000711       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 40               | 0.50           | 0.000592        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 50               | 0.20           | 0.000237        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -30              | -0.20          | -0.000241       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -20              | 1.20           | 0.001448        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -10              | 0.70           | 0.000844        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 0                | 0.10           | 0.000121        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 10               | -0.30          | -0.000362       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 20               | -0.40          | -0.000483       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 30               | 0.00           | 0.000000        | ±2.5        | PASS    |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 40  | -1.30 | -0.001568 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 50  | -0.40 | -0.000483 | ±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 | -20 | 1.40  | 0.001674  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -10 | 2.00  | 0.002391  | ±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  | 2.20  | 0.002630  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 20  | 0.90  | 0.001076  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 30  | -0.10 | -0.000120 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 40  | -0.90 | -0.001076 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 50  | 1.10  | 0.001315  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -30 | 2.10  | 0.002488  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -20 | -0.30 | -0.000355 | ±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 | 0   | -0.20 | -0.000237 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 10  | -2.00 | -0.002370 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 20  | 0.40  | 0.000474  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 30  | -0.70 | -0.000829 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 40  | 0.30  | 0.000355  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 50  | 1.00  | 0.001185  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | -0.60 | -0.000724 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 1.70  | 0.002051  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | 0.40  | 0.000483  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | 0.70  | 0.000844  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | 1.60  | 0.001930  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | 0.60  | 0.000724  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30  | 1.00  | 0.001206  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40  | -0.60 | -0.000724 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50  | 1.00  | 0.001206  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | 0.70  | 0.000837  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | 1.50  | 0.001793  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | 2.00  | 0.002391  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | 0.80  | 0.000956  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | 2.20  | 0.002630  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | 0.80  | 0.000956  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30  | 0.50  | 0.000598  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40  | 0.50  | 0.000598  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50  | -0.20 | -0.000239 | ±2.5 | PASS |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -0.50 | -0.000592 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | -1.80 | -0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | 1.00  | 0.001185  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | 1.10  | 0.001303  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | -0.90 | -0.001066 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | 0.10  | 0.000118  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30  | -0.70 | -0.000829 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40  | 1.10  | 0.001303  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50  | 0.70  | 0.000829  | ±2.5 | PASS |



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