



# Appendix B

## E-UTRA Band 5



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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0      | 23.62        | 14.47     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2      | 23.59        | 14.44     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5      | 23.46        | 14.31     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0      | 23.55        | 14.4      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1      | 23.81        | 14.66     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3      | 23.75        | 14.6      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0      | 22.65        | 13.5      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0      | 23.57        | 14.42     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2      | 23.72        | 14.57     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5      | 23.63        | 14.48     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0      | 23.75        | 14.6      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1      | 23.79        | 14.64     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3      | 23.73        | 14.58     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0      | 22.70        | 13.55     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0      | 23.64        | 14.49     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2      | 23.75        | 14.6      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5      | 23.50        | 14.35     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0      | 23.83        | 14.68     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1      | 23.85        | 14.7      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3      | 23.75        | 14.6      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0      | 22.74        | 13.59     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0      | 22.31        | 13.16     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2      | 22.45        | 13.3      | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5      | 22.09        | 12.94     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0      | 22.77        | 13.62     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1      | 22.78        | 13.63     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3      | 22.92        | 13.77     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0      | 21.68        | 12.53     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0      | 22.28        | 13.13     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2      | 22.50        | 13.35     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5      | 22.20        | 13.05     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#0      | 22.79        | 13.64     | 38.45       | PASS    |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 22.72 | 13.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 22.73 | 13.58 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 21.77 | 12.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 22.43 | 13.28 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.49 | 13.34 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 22.33 | 13.18 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.91 | 13.76 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.87 | 13.72 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.94 | 13.79 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.87 | 12.72 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.46 | 14.31 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.62 | 14.47 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.33 | 14.18 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.74 | 13.59 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.63 | 13.48 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.54 | 13.39 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.53 | 13.38 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.46 | 14.31 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.69 | 14.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.38 | 14.23 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.82 | 13.67 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.79 | 13.64 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.71 | 13.56 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.71 | 13.56 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.52 | 14.37 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.97 | 14.82 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.58 | 14.43 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 22.78 | 13.63 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 22.79 | 13.64 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 22.70 | 13.55 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 22.72 | 13.57 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.18 | 13.03 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 22.09 | 12.94 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 22.11 | 12.96 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 21.56 | 12.41 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 21.43 | 12.28 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#7  | 21.50 | 12.35 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 21.48 | 12.33 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 22.27 | 13.12 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 22.29 | 13.14 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 22.45 | 13.3  | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 21.97 | 12.82 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 21.69 | 12.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 21.68 | 12.53 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.75 | 12.6  | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.37 | 13.22 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.43 | 13.28 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.48 | 13.33 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 22.02 | 12.87 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.56 | 12.41 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.62 | 12.47 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.86 | 12.71 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.33 | 14.18 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 23.80 | 14.65 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.29 | 14.14 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.60 | 13.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.53 | 13.38 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.42 | 13.27 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.54 | 13.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.48 | 14.33 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 24.08 | 14.93 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.35 | 14.2  | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.83 | 13.68 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.81 | 13.66 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 22.57 | 13.42 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 22.71 | 13.56 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.39 | 14.24 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 24.10 | 14.95 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.25 | 14.1  | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.75 | 13.6  | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 22.74 | 13.59 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 22.54 | 13.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 22.67 | 13.52 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 22.22 | 13.07 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 22.53 | 13.38 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 22.17 | 13.02 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 21.47 | 12.32 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 21.39 | 12.24 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 21.41 | 12.26 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 21.48 | 12.33 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.27 | 13.12 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.61 | 13.46 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.44 | 13.29 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.63 | 12.48 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 21.80 | 12.65 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 21.55 | 12.4  | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 21.64 | 12.49 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.31 | 13.16 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.63 | 13.48 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.28 | 13.13 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.77 | 12.62 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.47 | 12.32 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.58 | 12.43 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.70 | 12.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.50 | 14.35 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 24.14 | 14.99 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.47 | 14.32 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.65 | 13.5  | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.69 | 13.54 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.53 | 13.38 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.68 | 13.53 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.42 | 14.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 23.99 | 14.84 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.41 | 14.26 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.95 | 13.8  | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.76 | 13.61 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.56 | 13.41 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.73 | 13.58 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.56 | 14.41 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.97 | 14.82 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.51 | 14.36 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.87 | 13.72 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.84 | 13.69 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.65 | 13.5  | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.72 | 13.57 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.43 | 13.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 23.05 | 13.9  | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.35 | 13.2  | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.43 | 12.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.56 | 12.41 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.59 | 12.44 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.61 | 12.46 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.39 | 13.24 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.51 | 13.36 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.43 | 13.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.95 | 12.8  | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.70 | 12.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.75 | 12.6  | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.78 | 12.63 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.47 | 13.32 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.38 | 13.23 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.47 | 13.32 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.81 | 12.66 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.68 | 12.53 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.63 | 12.48 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.70 | 12.55 | 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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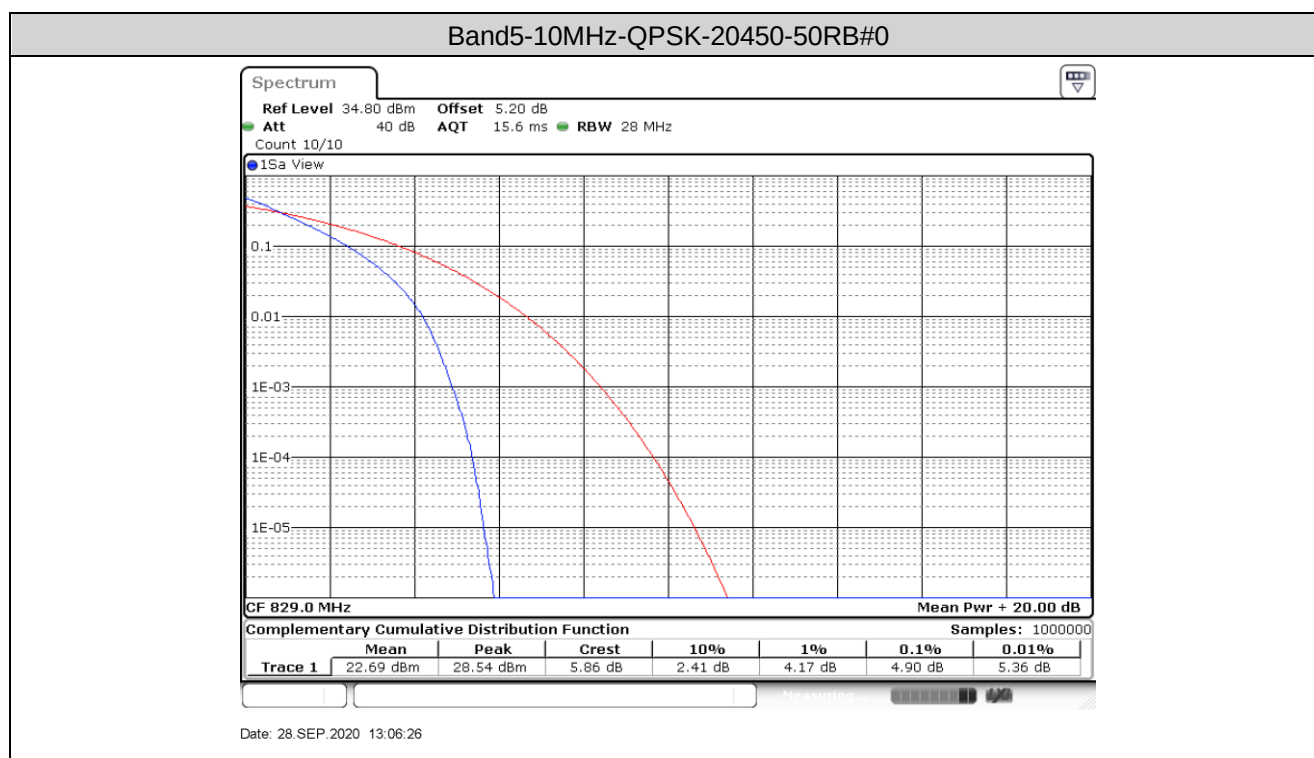
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## 2. Peak-to-Average Ratio (CCDF)

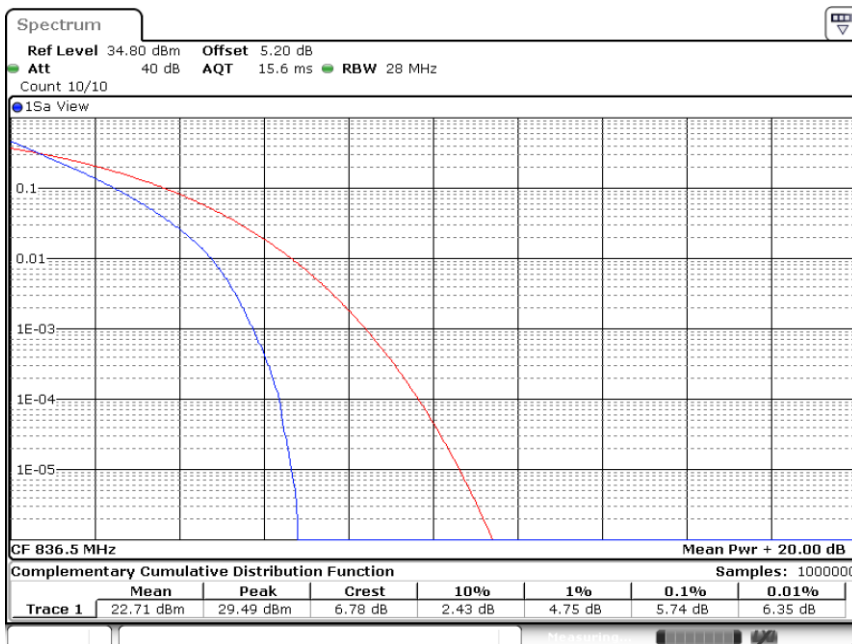
### 2.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 4.90       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 5.74       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 4.93       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 5.62       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 6.52       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 5.80       | 13        | PASS    |

### 2.2. Test Plots

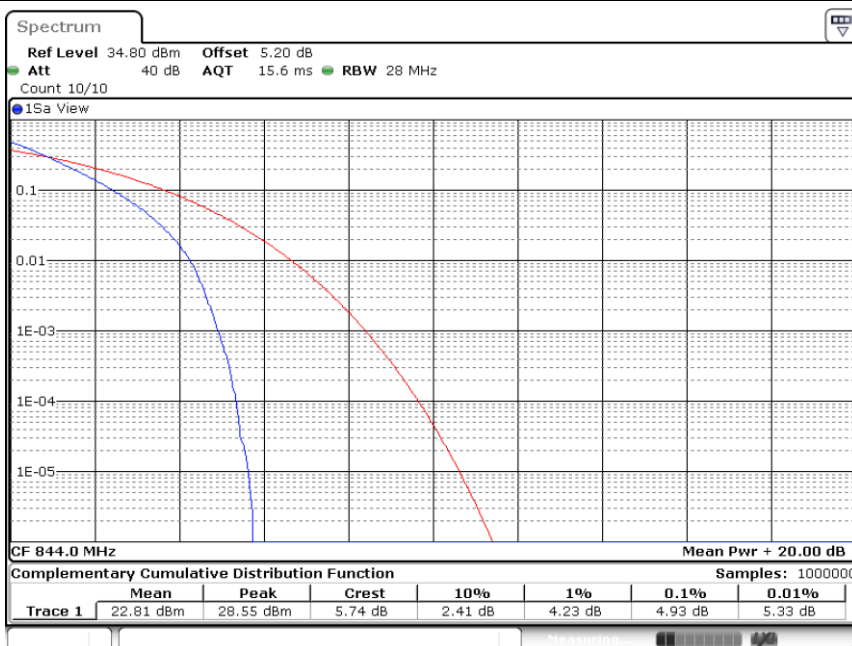


## Band5-10MHz-QPSK-20525-50RB#0



Date: 28.SEP.2020 13:06:55

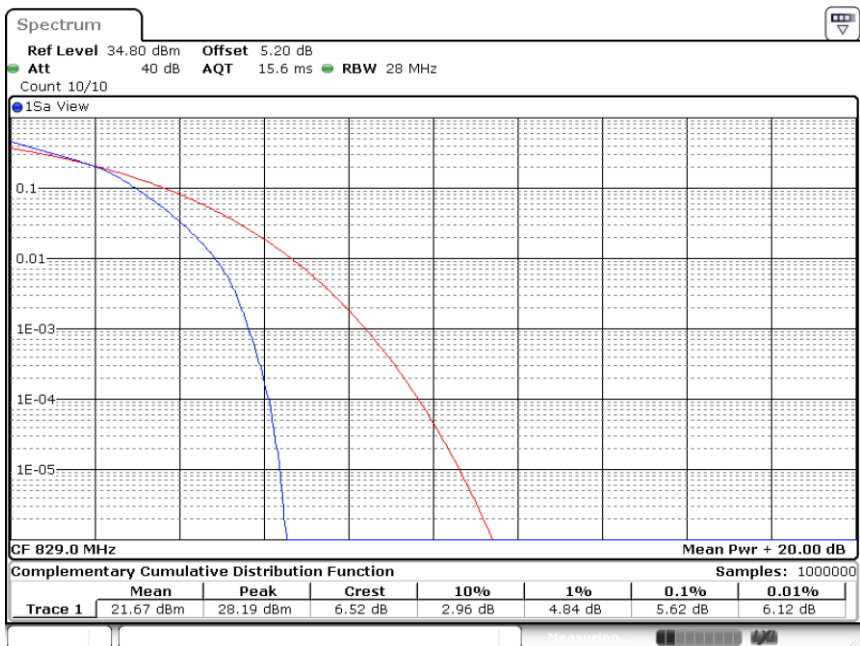
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Date: 28.SEP.2020 13:07:23

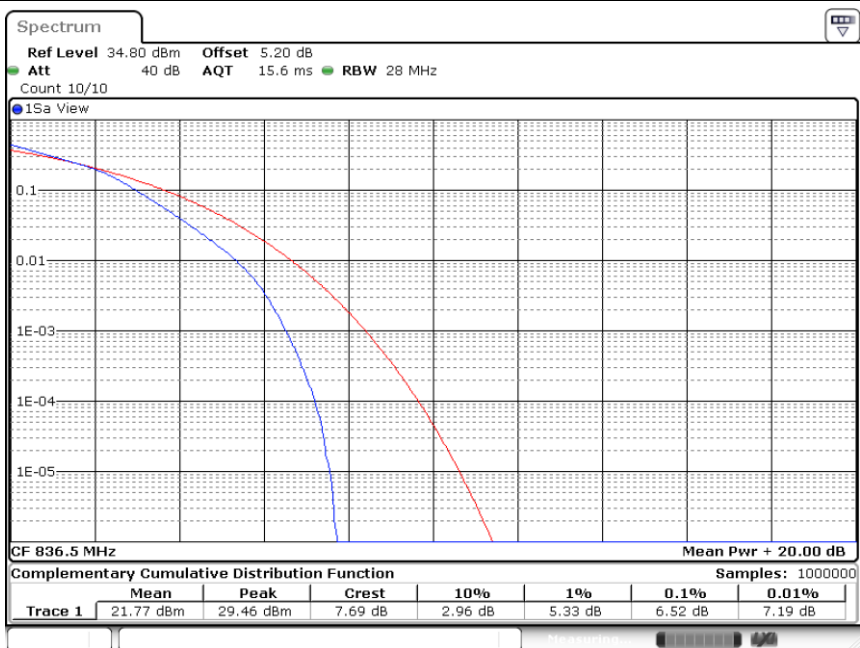


## Band5-10MHz-16QAM-20450-50RB#0



Date: 28.SEP.2020 13:06:40

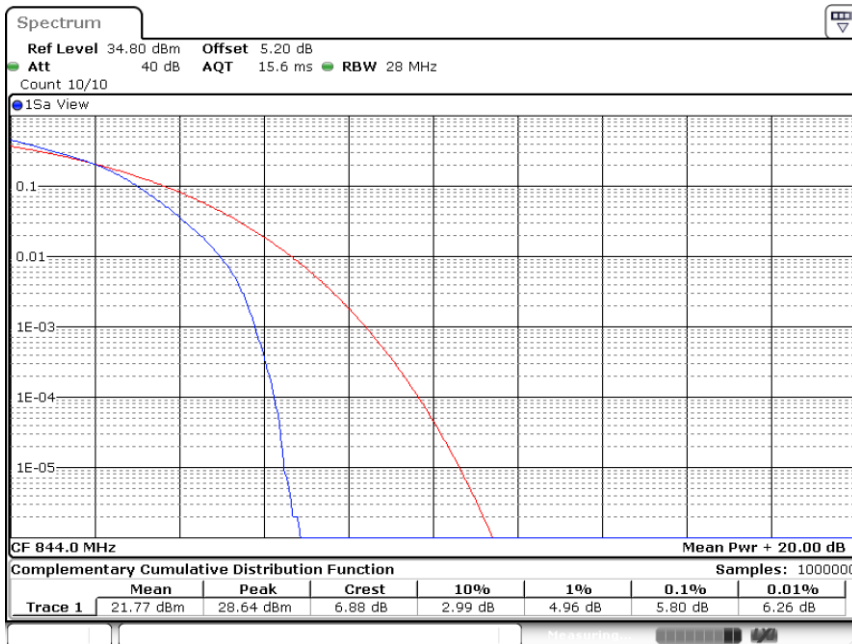
## Band5-10MHz-16QAM-20525-50RB#0



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



Date: 28.SEP.2020 13:07:38



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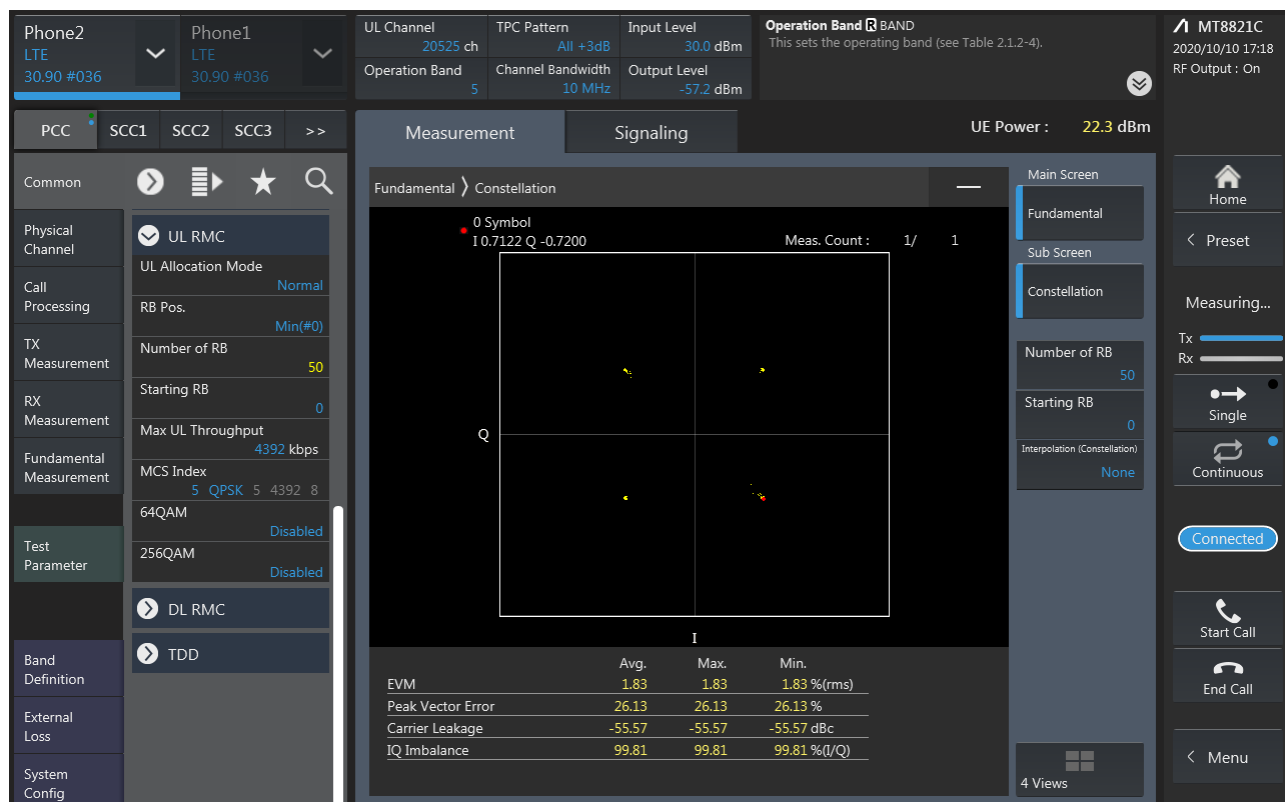
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## 3. Modulation Characteristics

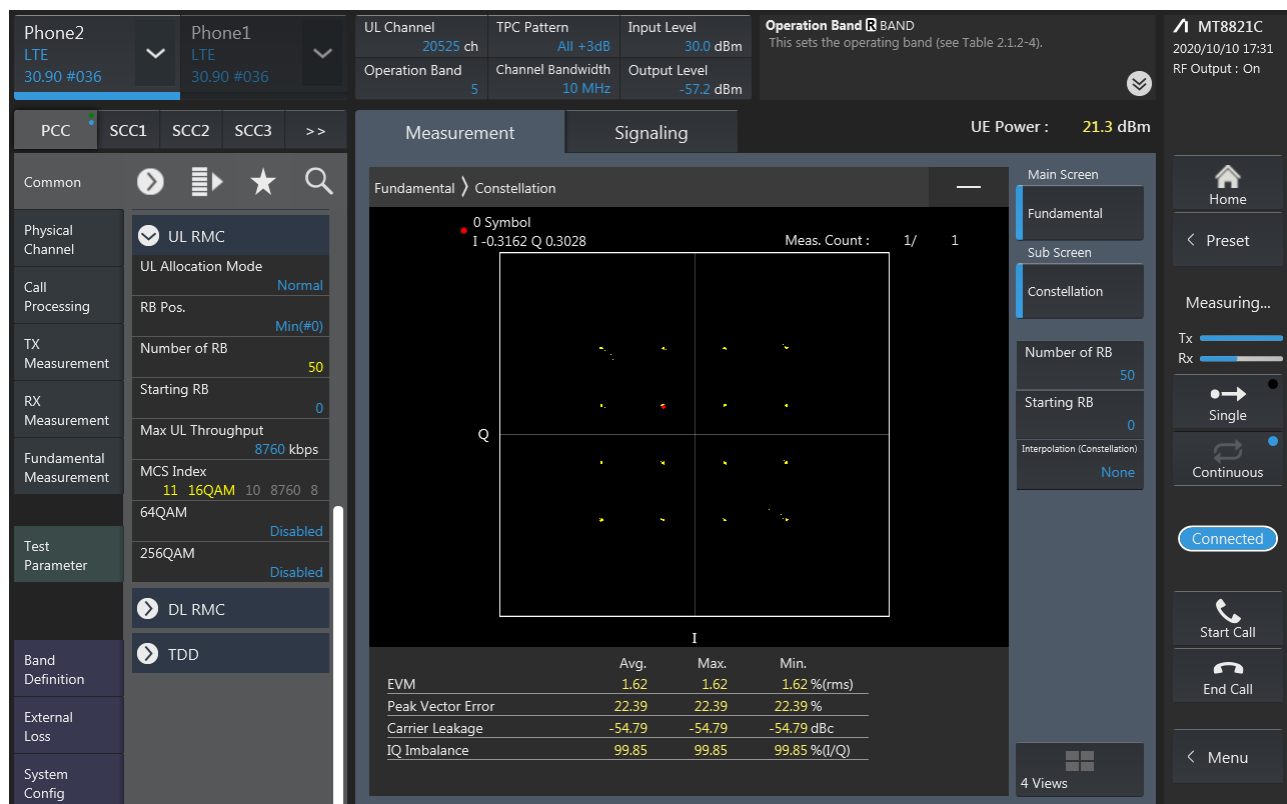
### 3.1. Test Mode = LTE /TM1 10MHz

#### 3.1.1. Test Channel = MCH



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

### 3.2.1. Test Channel = MCH



## 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                    | 1.293                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.091                    | 1.299                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.091                    | 1.278                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.091                    | 1.290                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.088                    | 1.278                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.697                    | 2.982                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.697                    | 3.000                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.685                    | 2.970                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.685                    | 2.970                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.691                    | 2.964                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.466                    | 4.900                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.466                    | 4.930                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.466                    | 4.900                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.496                    | 4.900                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.911                    | 9.700                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.931                    | 9.700                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.911                    | 9.640                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 8.931                    | 9.740                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.931                    | 9.740                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 8.891                    | 9.700                | PASS    |



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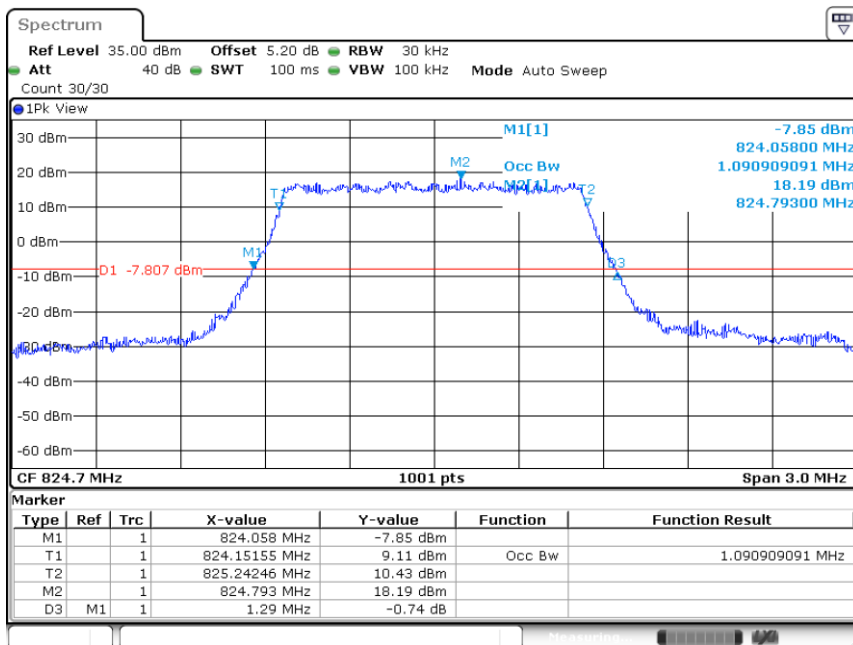
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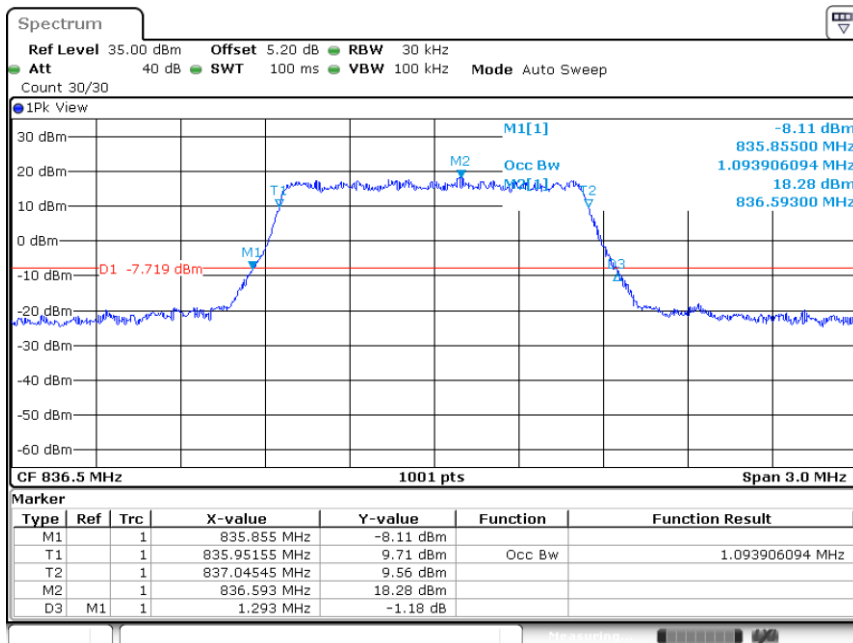
## 4.2. Test Plots

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



Date: 28.SEP.2020 12:36:16

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



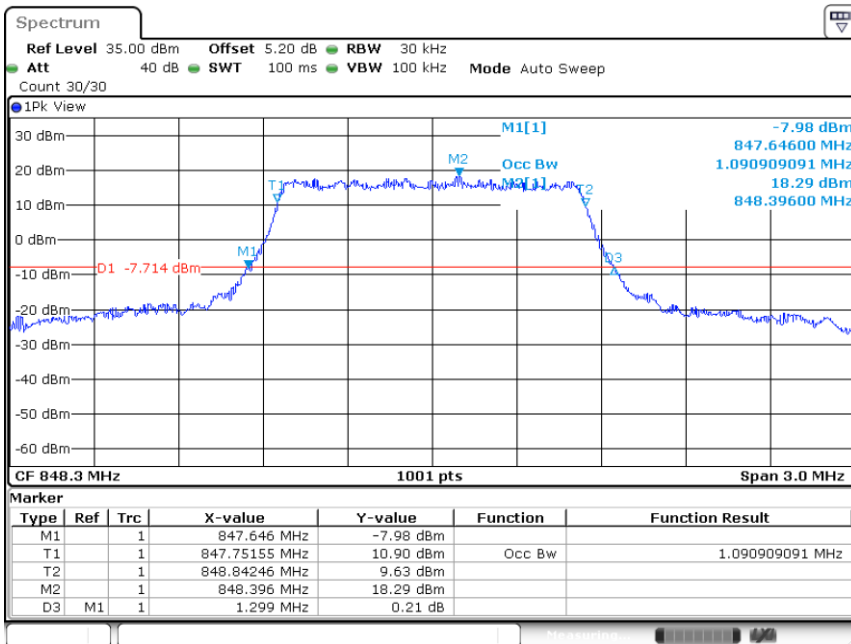
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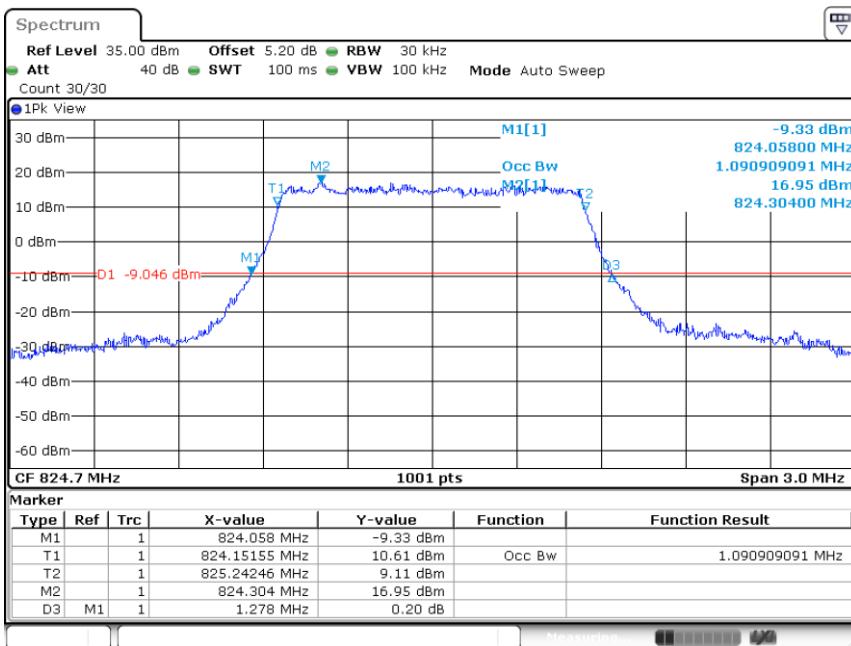
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## Band5-1.4MHz-QPSK-20643-6RB#0-1.091



Date: 28.SEP.2020 12:37:20

## Band5-1.4MHz-16QAM-20407-6RB#0-1.091



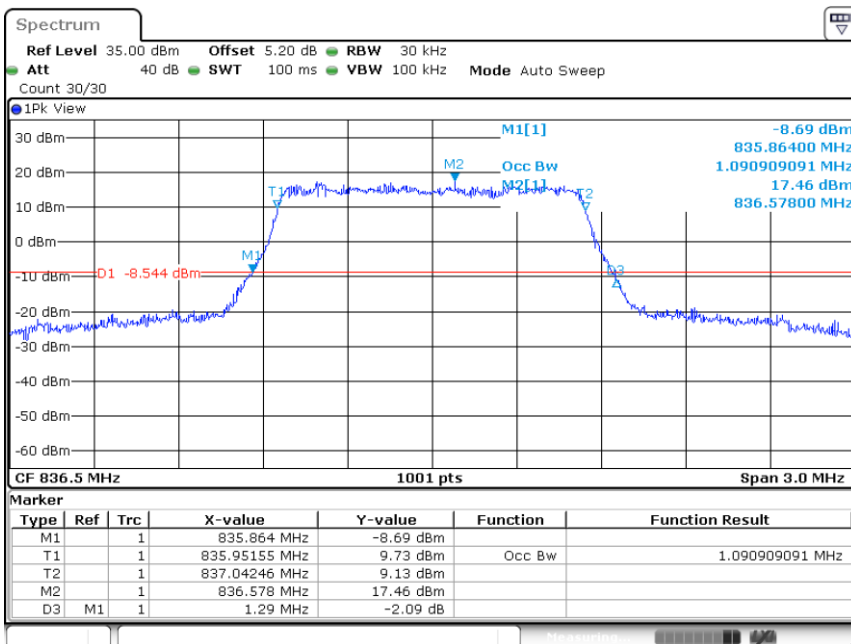
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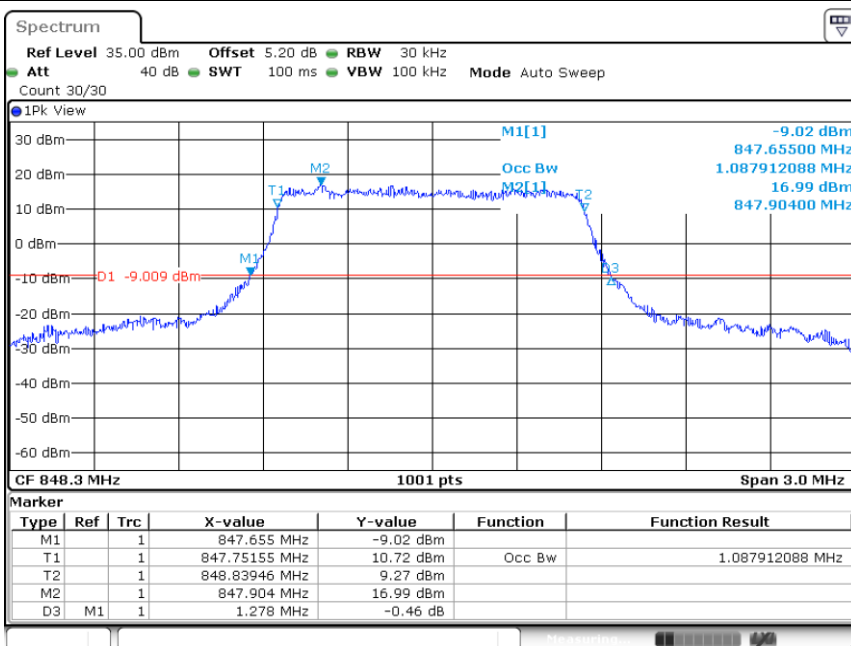
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## Band5-1.4MHz-16QAM-20525-6RB#0-1.091



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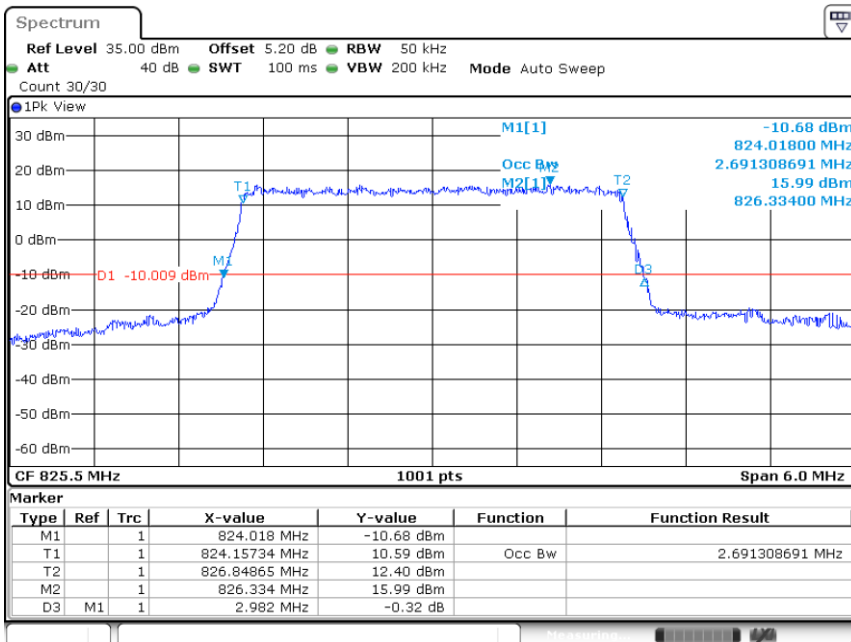
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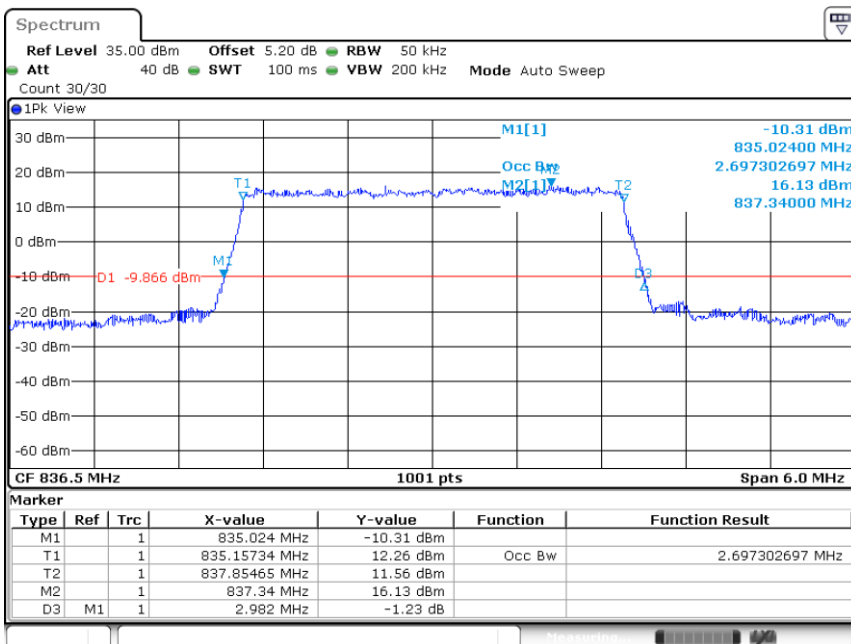


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Date: 28.SEP.2020 12:37:57

## Band5-3MHz-QPSK-20525-15RB#0-2.697



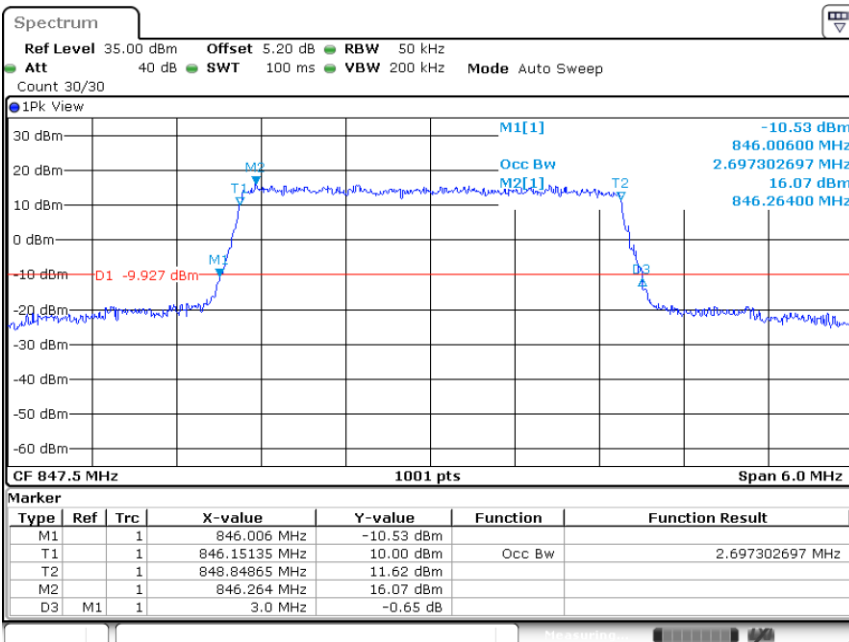
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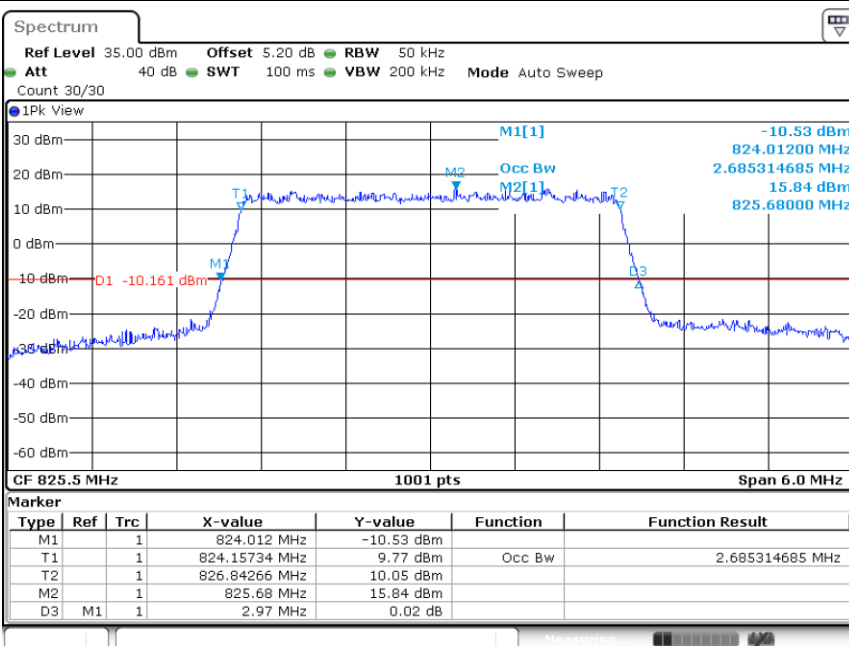
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## Band5-3MHz-QPSK-20635-15RB#0-2.697



Date: 28.SEP.2020 12:39:01

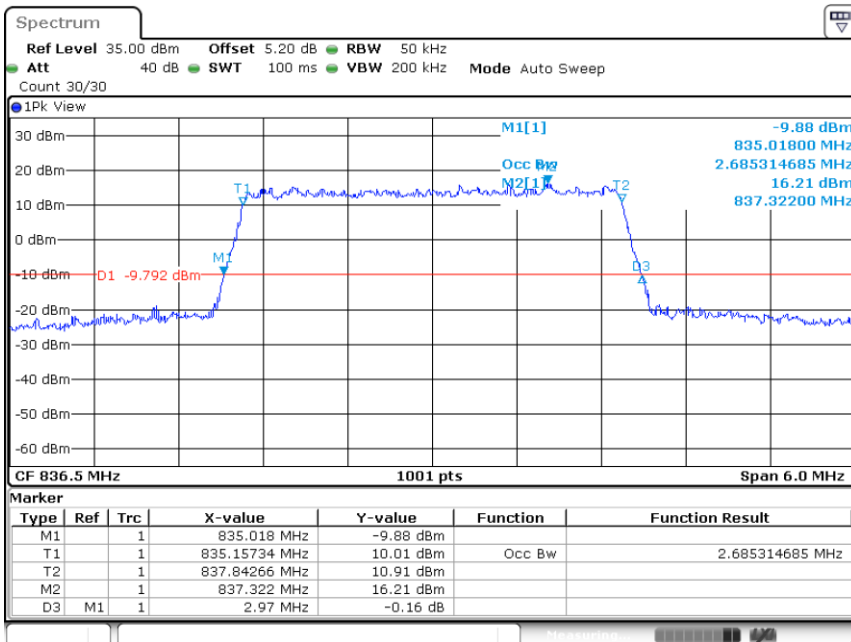
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Date: 28.SEP.2020 12:38:13

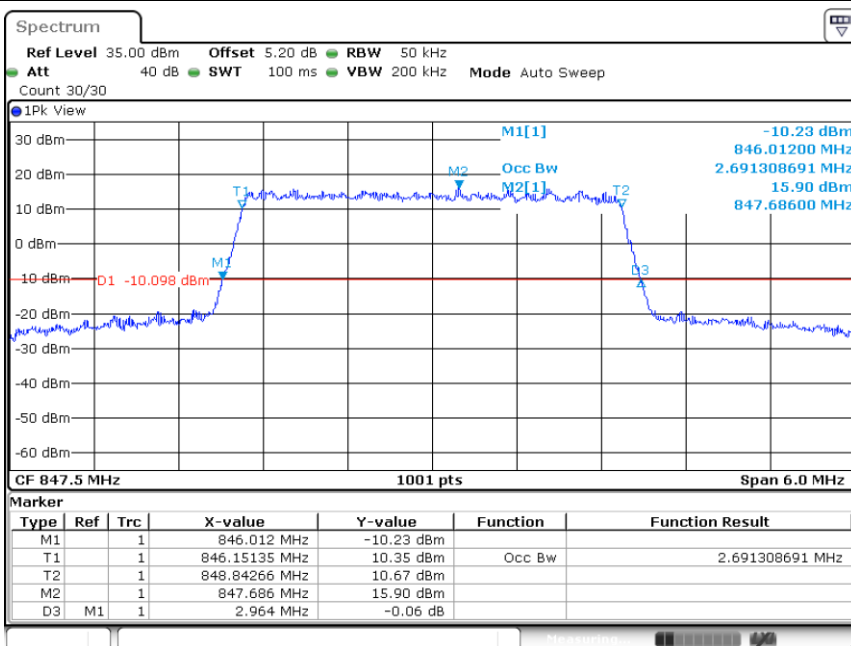


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Date: 28.SEP.2020 12:38:45

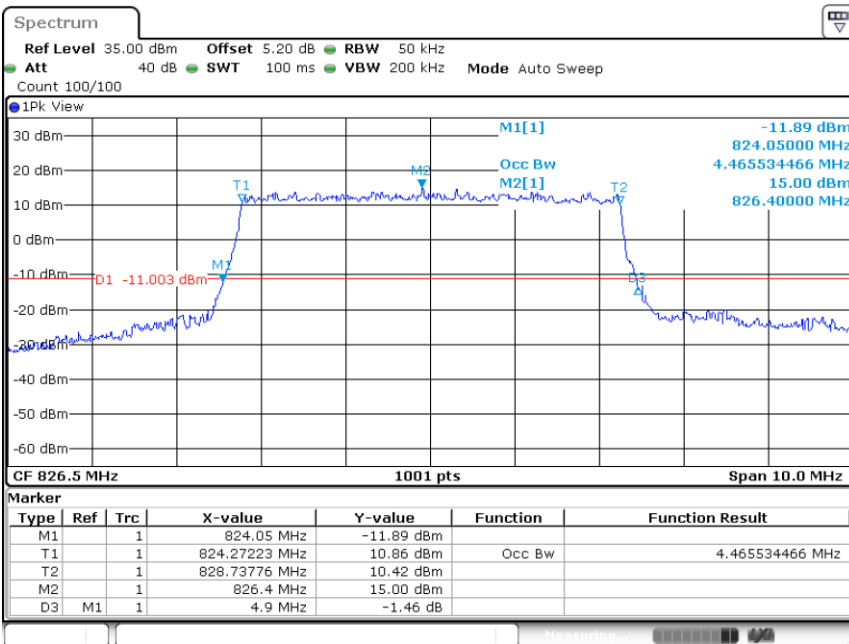
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Date: 28.SEP.2020 12:39:16

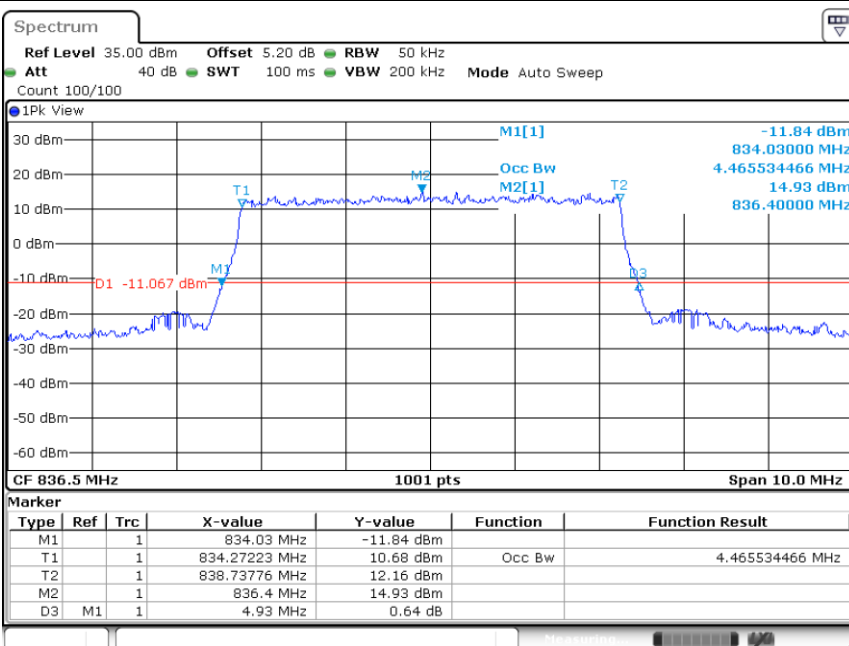


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Date: 28.SEP.2020 12:39:44

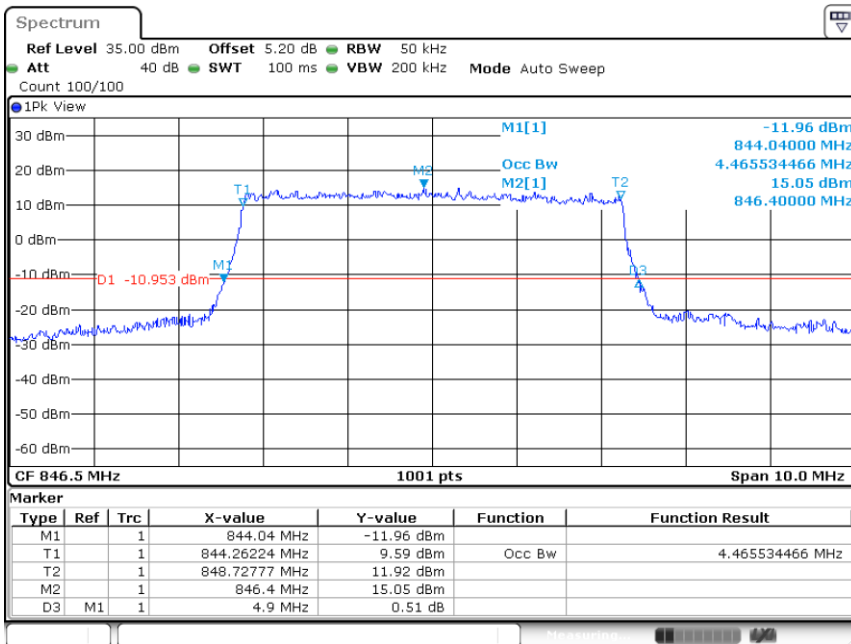
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Date: 28.SEP.2020 12:40:30

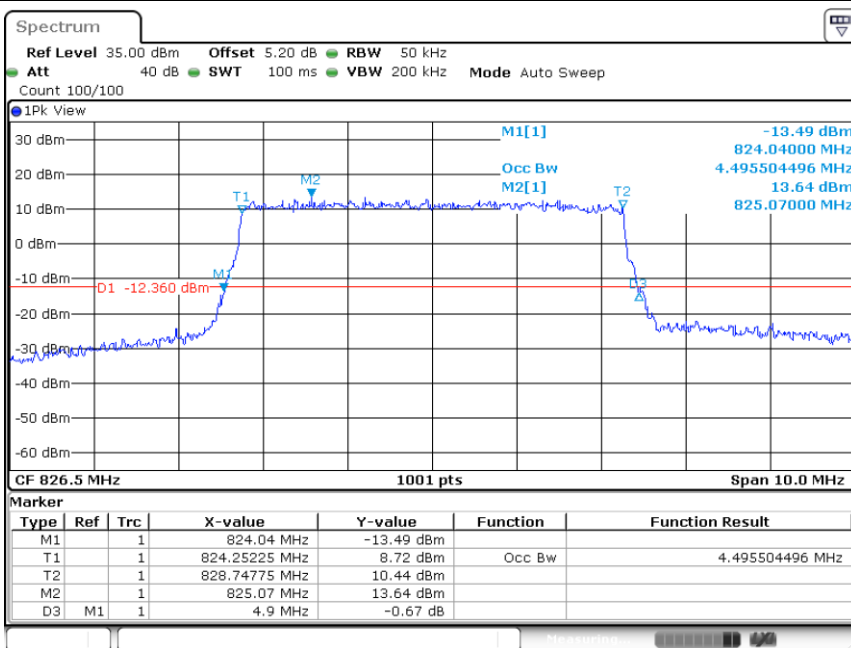


## Band5-5MHz-QPSK-20625-25RB#0-4.466



Date: 28.SEP.2020 12:41:16

## Band5-5MHz-16QAM-20425-25RB#0-4.496



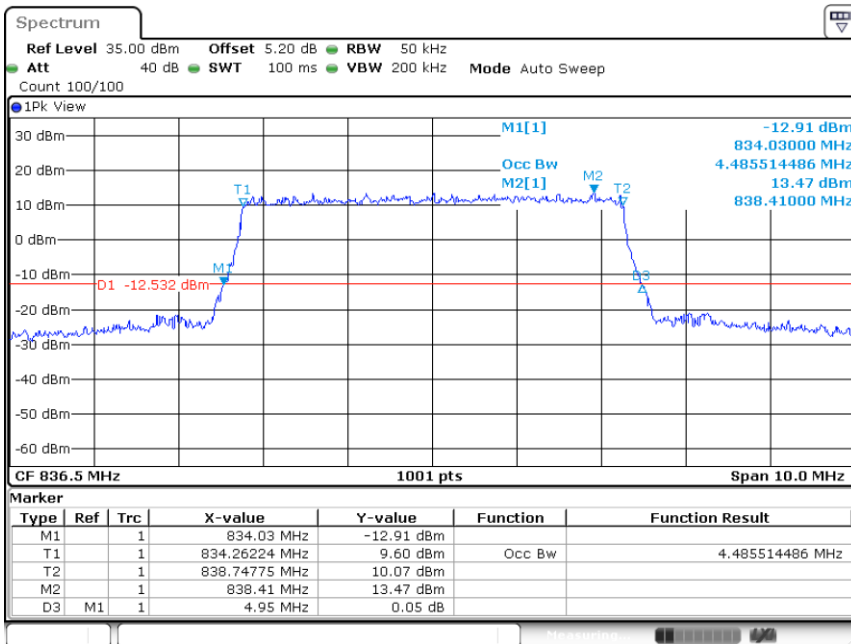
Date: 28.SEP.2020 12:40:07



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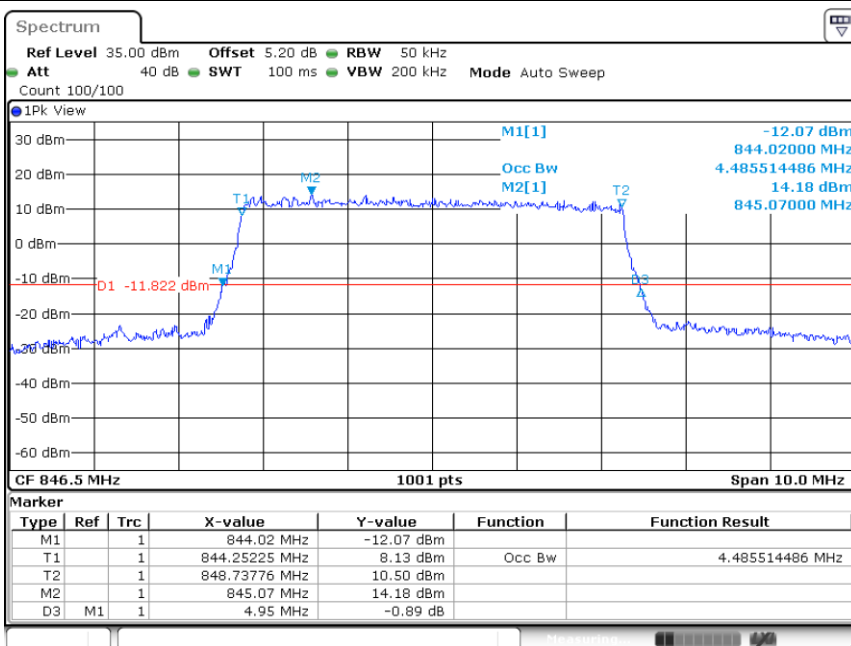
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## Band5-5MHz-16QAM-20525-25RB#0-4.486



Date: 28.SEP.2020 12:40:53

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



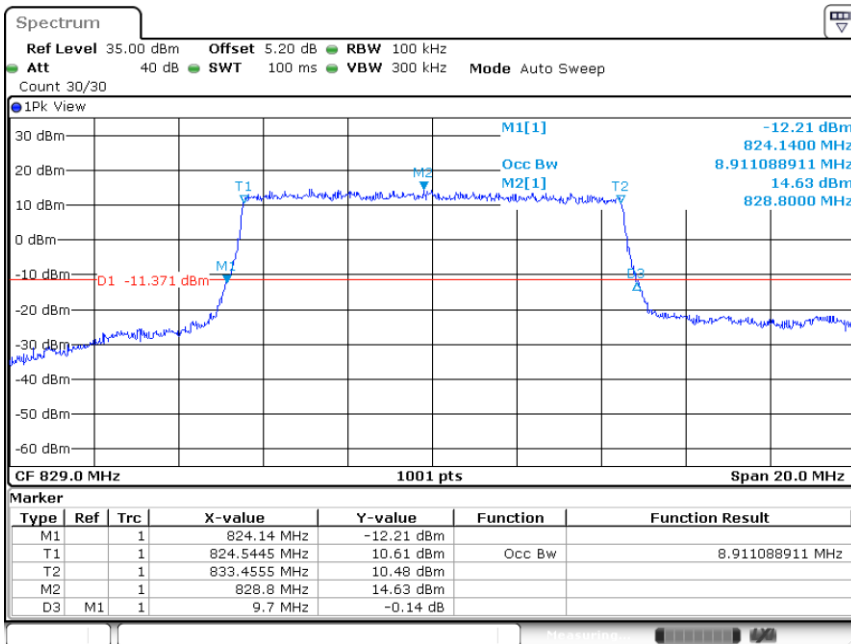
Date: 28.SEP.2020 12:41:39



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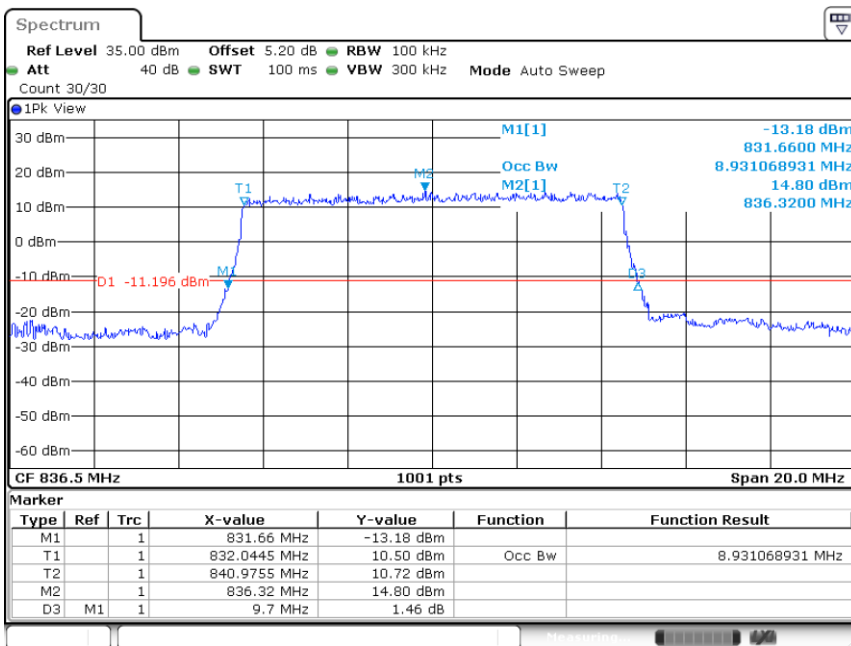
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## Band5-10MHz-QPSK-20450-50RB#0-8.911



Date: 28.SEP.2020 12:42:00

## Band5-10MHz-QPSK-20525-50RB#0-8.931



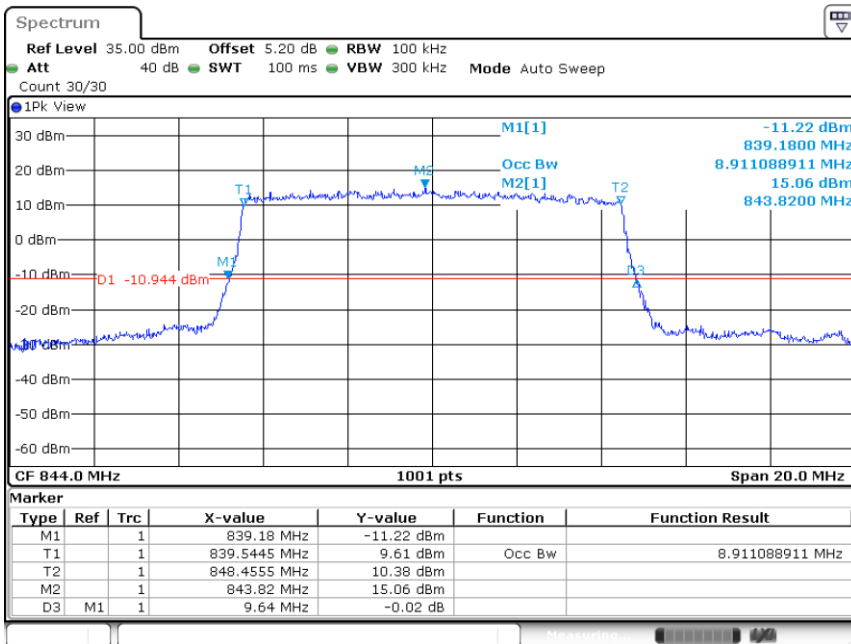
Date: 28.SEP.2020 12:42:31



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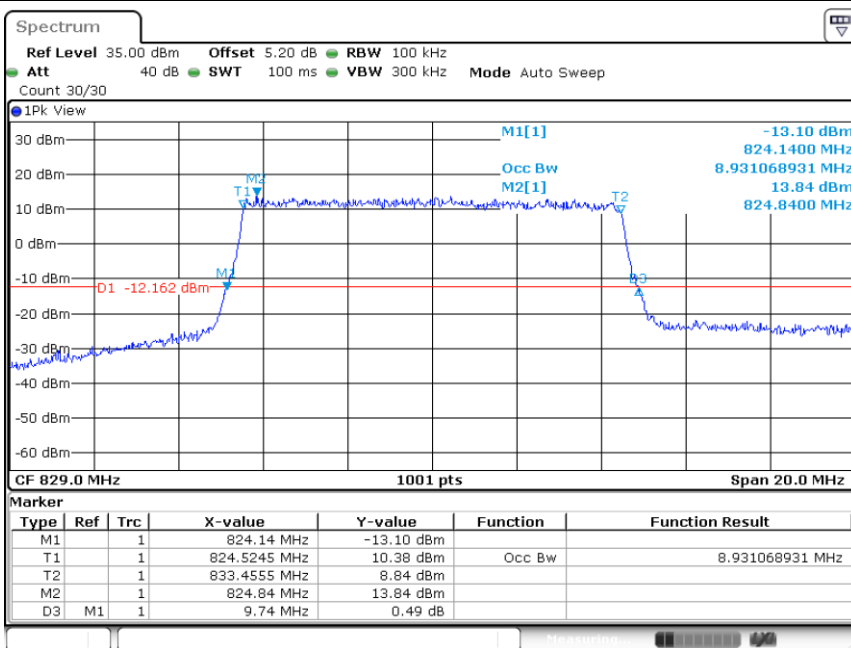
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## Band5-10MHz-QPSK-20600-50RB#0-8.911



Date: 28.SEP.2020 12:43:03

## Band5-10MHz-16QAM-20450-50RB#0-8.931



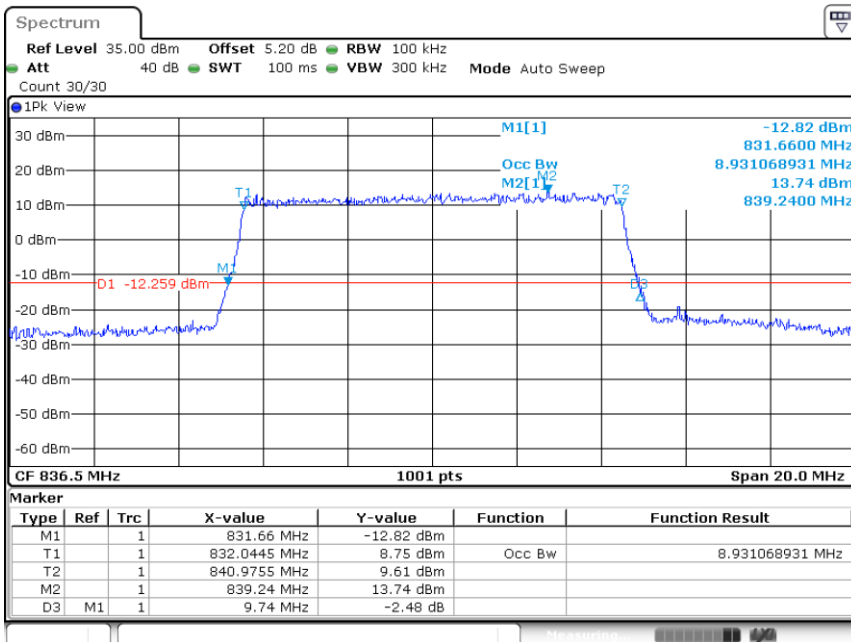
Date: 28.SEP.2020 12:42:15



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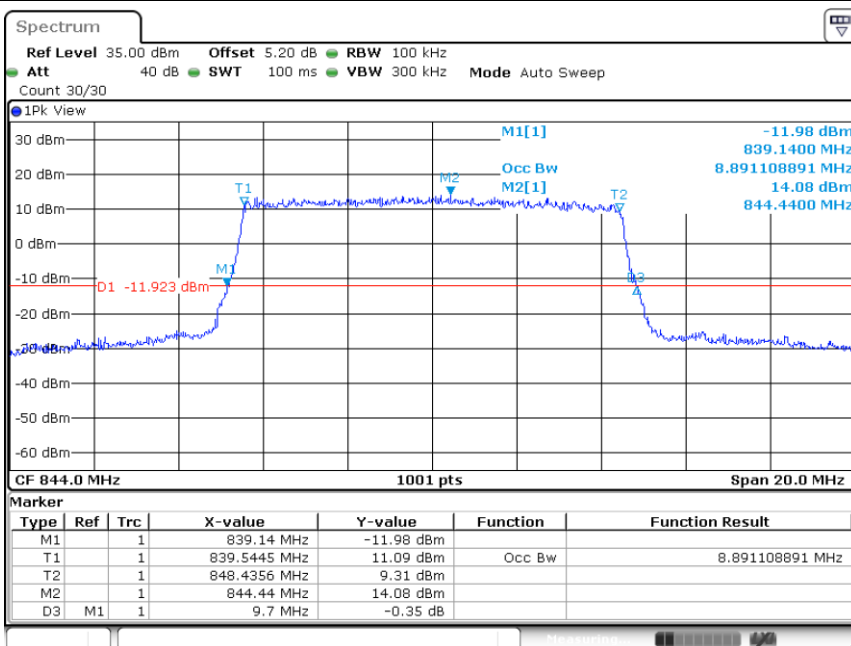
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## Band5-10MHz-16QAM-20525-50RB#0-8.931



Date: 28.SEP.2020 12:42:47

## Band5-10MHz-16QAM-20600-50RB#0-8.891

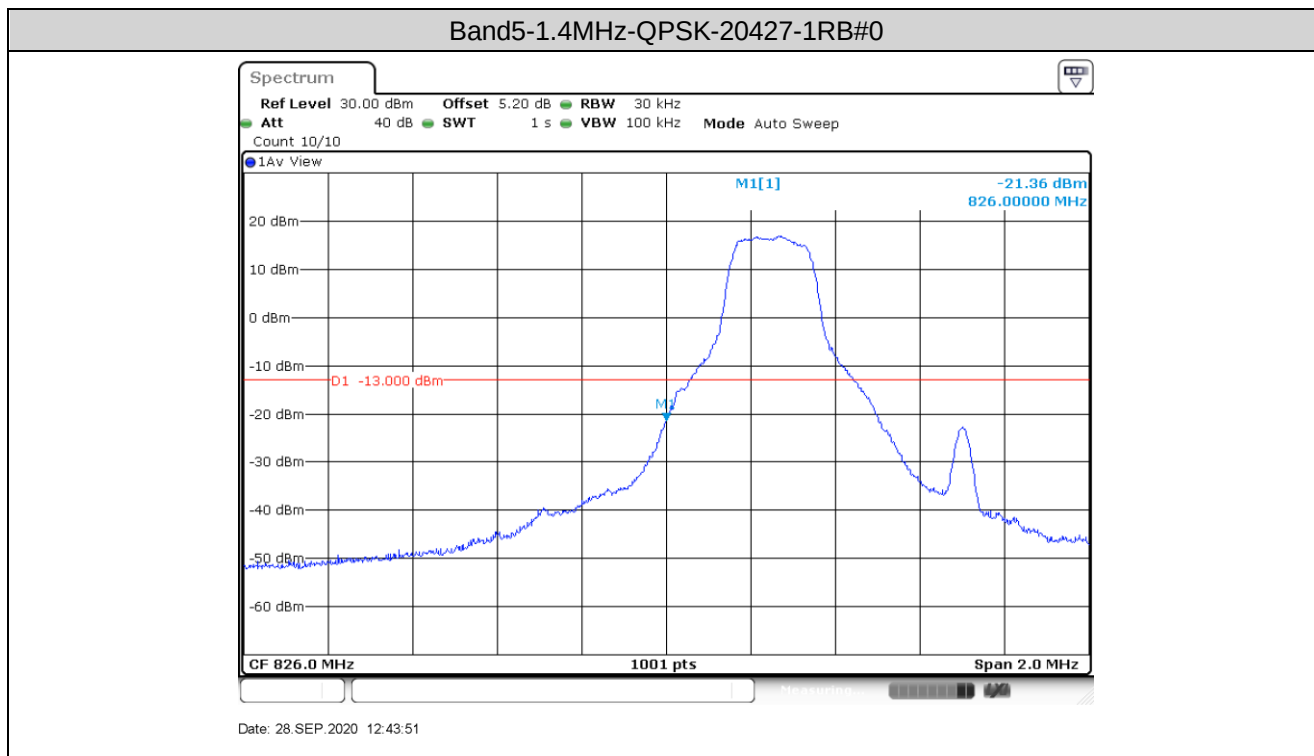


Date: 28.SEP.2020 12:43:19



## 5. Band Edge Compliance

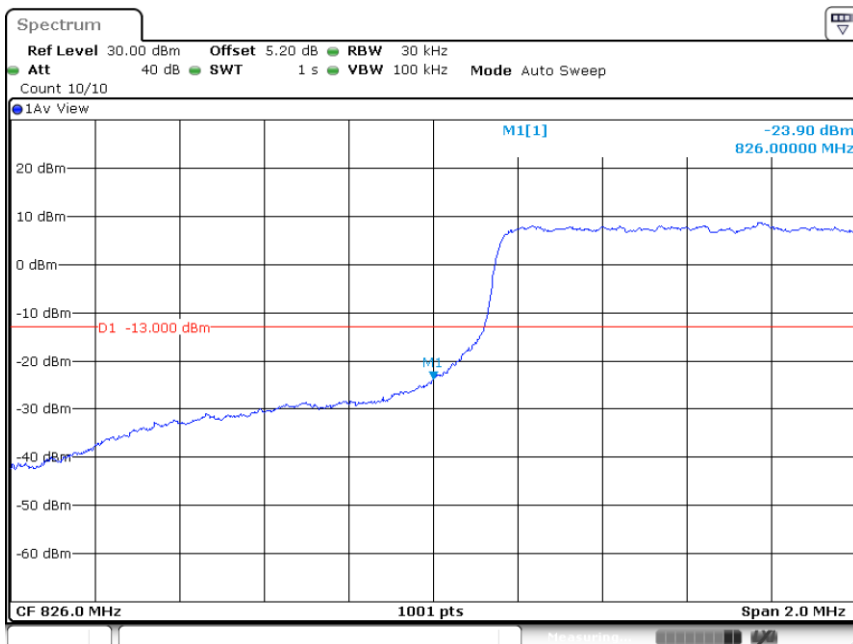
### 5.1. Test Plots



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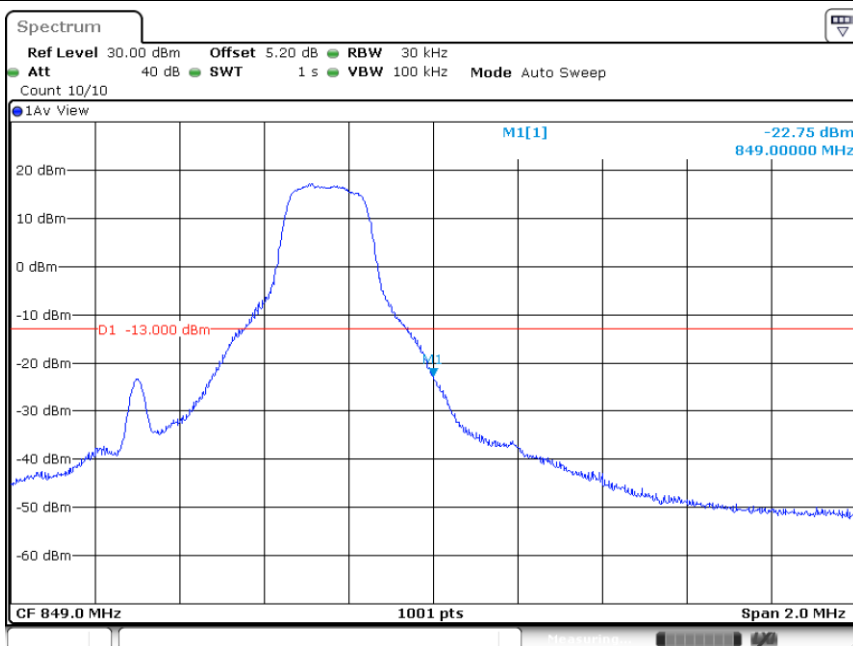
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## Band5-1.4MHz-QPSK-20427-6RB#0



Date: 28.SEP.2020 12:44:38

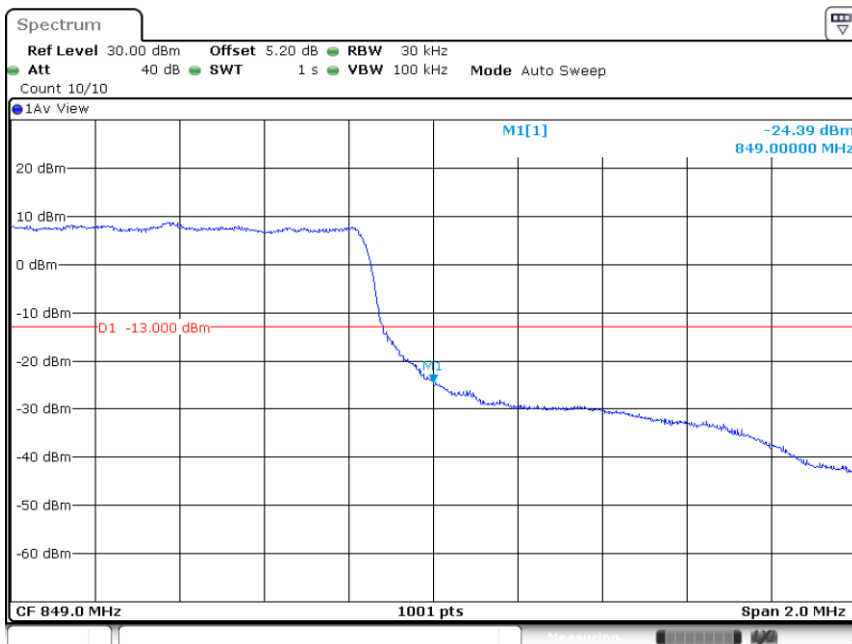
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Date: 28.SEP.2020 12:45:32

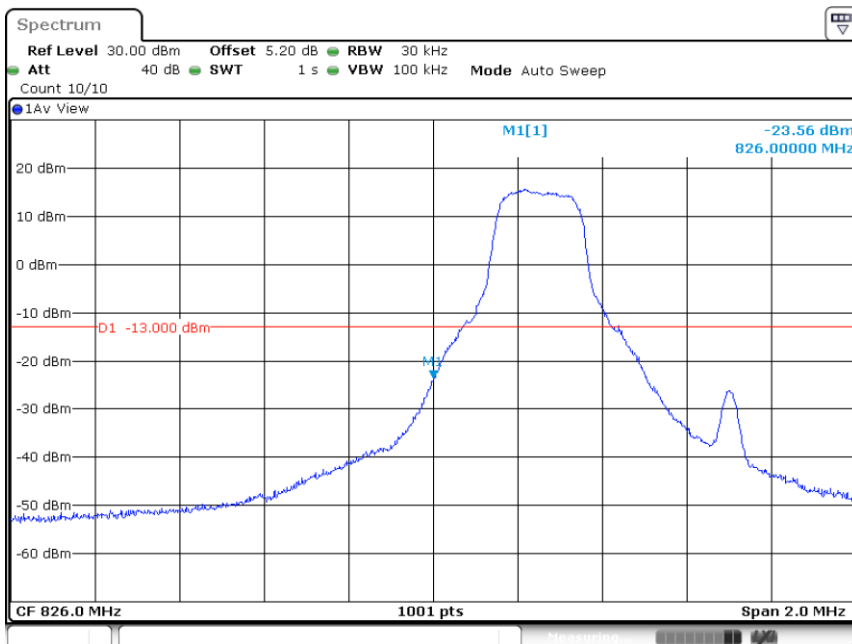


Band5-1.4MHz-QPSK-20643-6RB#0



Date: 28.SEP.2020 12:46:22

Band5-1.4MHz-16QAM-20427-1RB#0



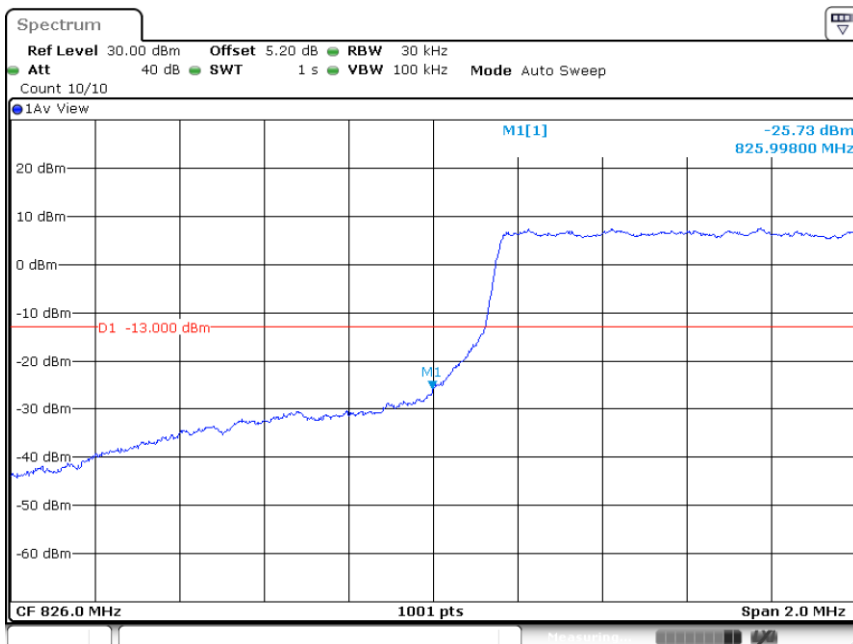
Date: 28.SEP.2020 12:44:14



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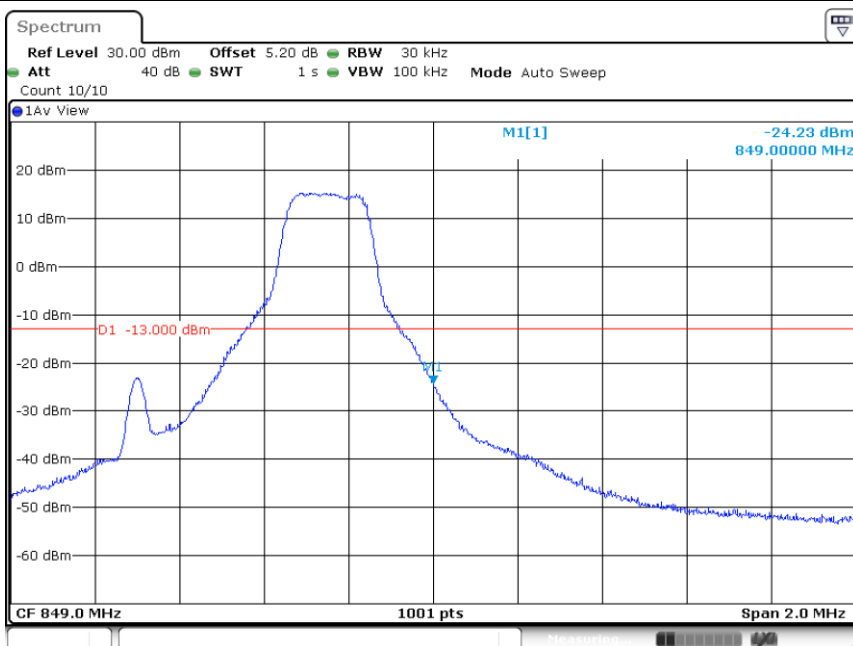
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**Band5-1.4MHz-16QAM-20427-6RB#0**



Date: 28.SEP.2020 12:45:01

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



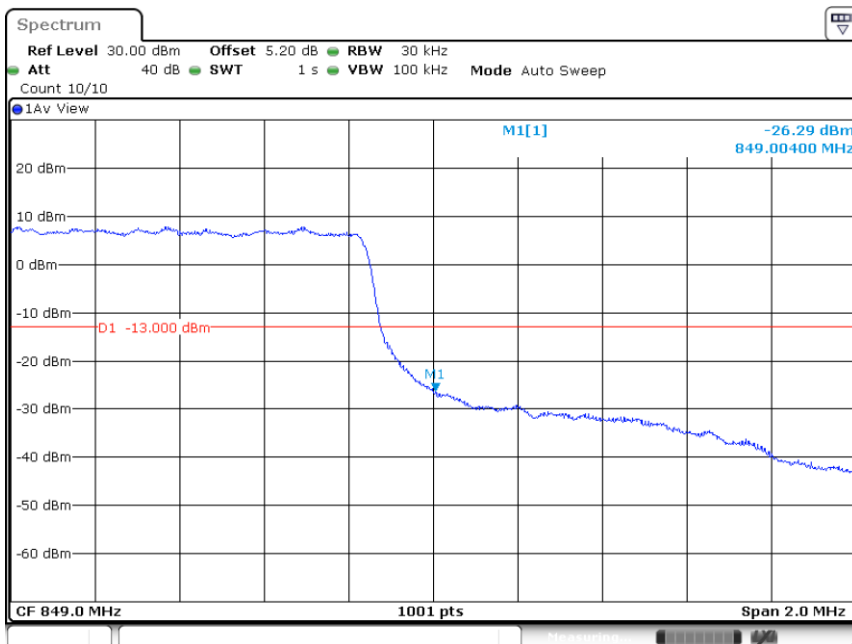
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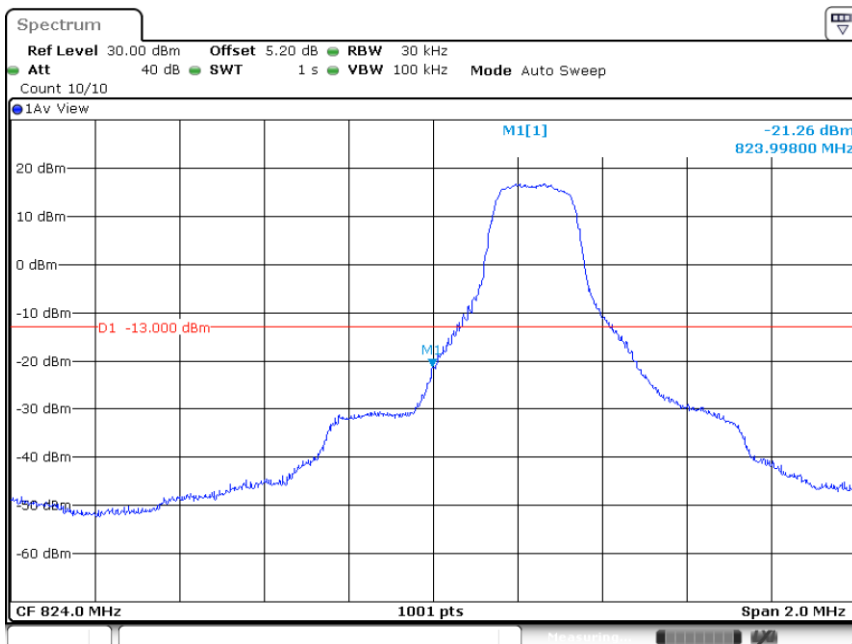
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**Band5-1.4MHz-16QAM-20643-6RB#0**



Date: 28.SEP.2020 12:46:46

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

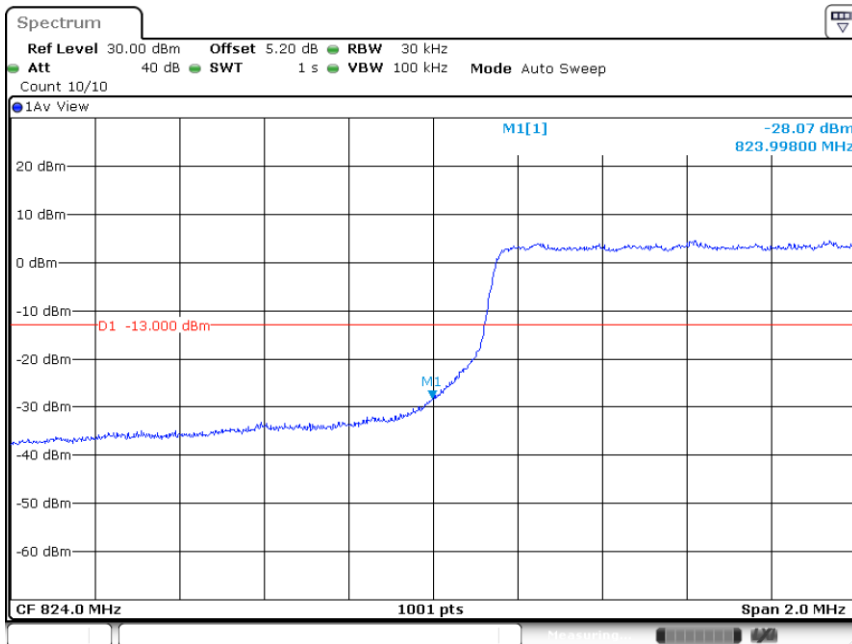


Date: 28.SEP.2020 12:47:18



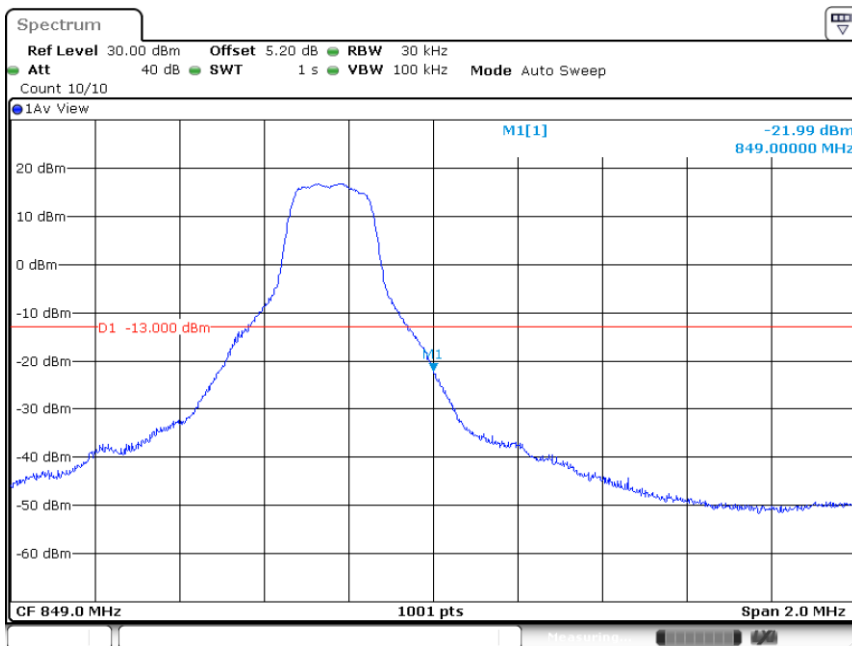
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Band5-3MHz-QPSK-20415-15RB#0



Date: 28.SEP.2020 12:48:05

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



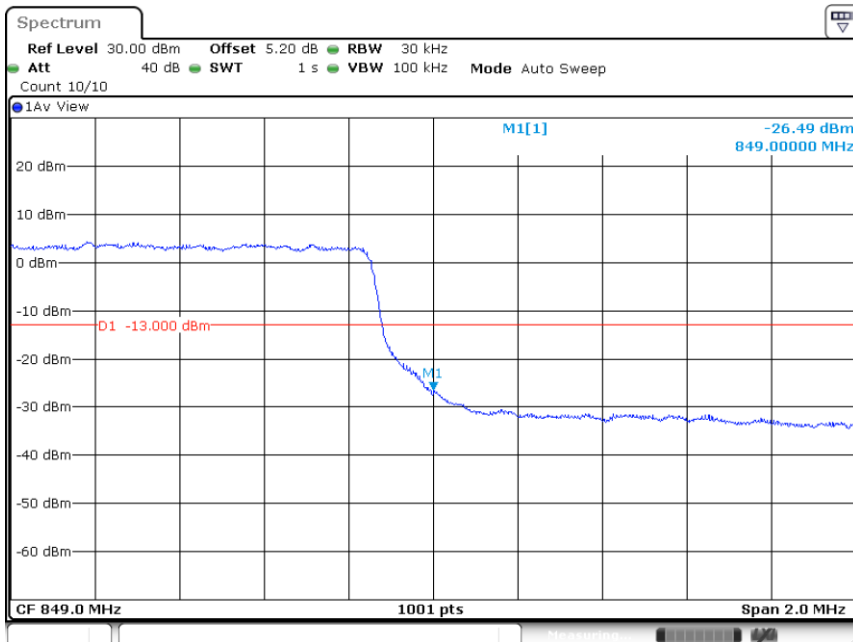
Date: 28.SEP.2020 12:49:00



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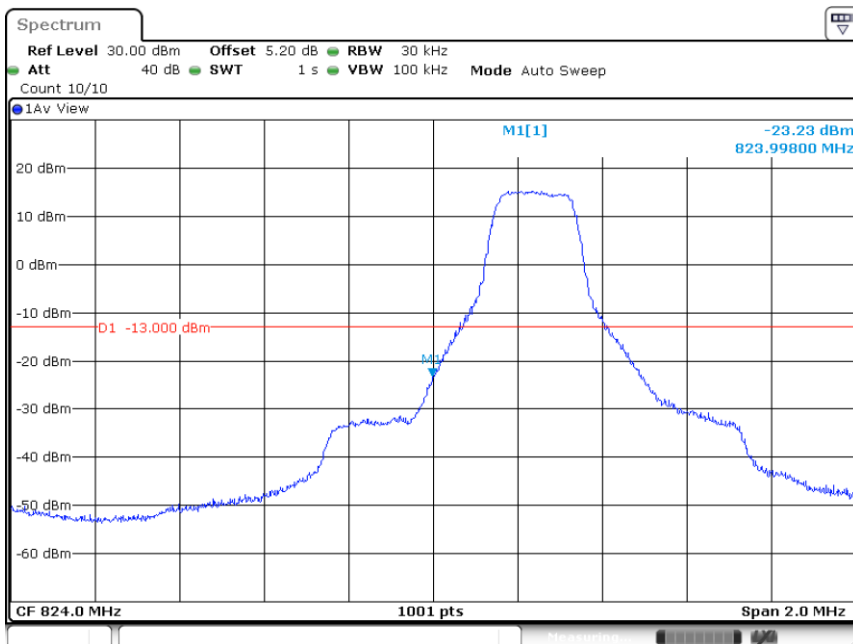
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**Band5-3MHz-QPSK-20635-15RB#0**



Date: 28.SEP.2020 12:49:47

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



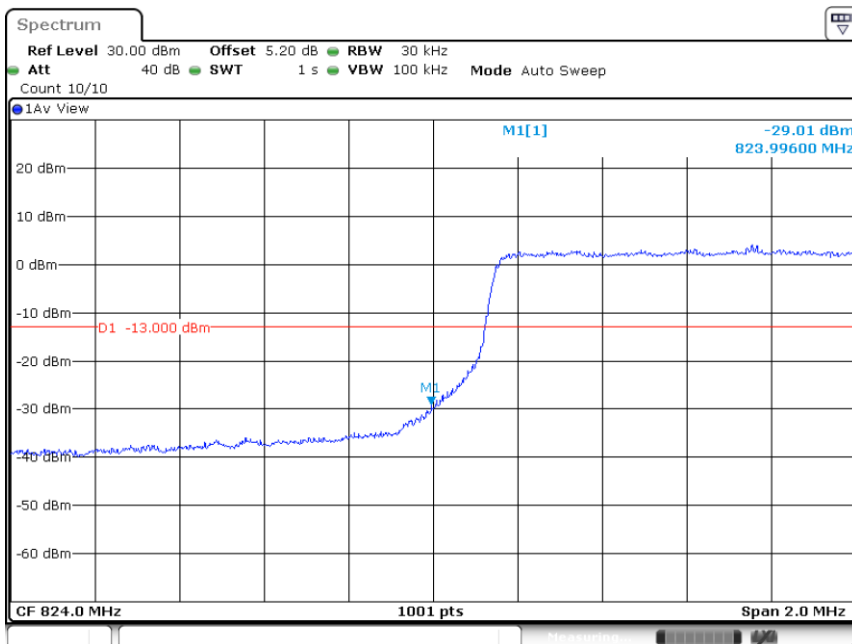
Date: 28.SEP.2020 12:47:41



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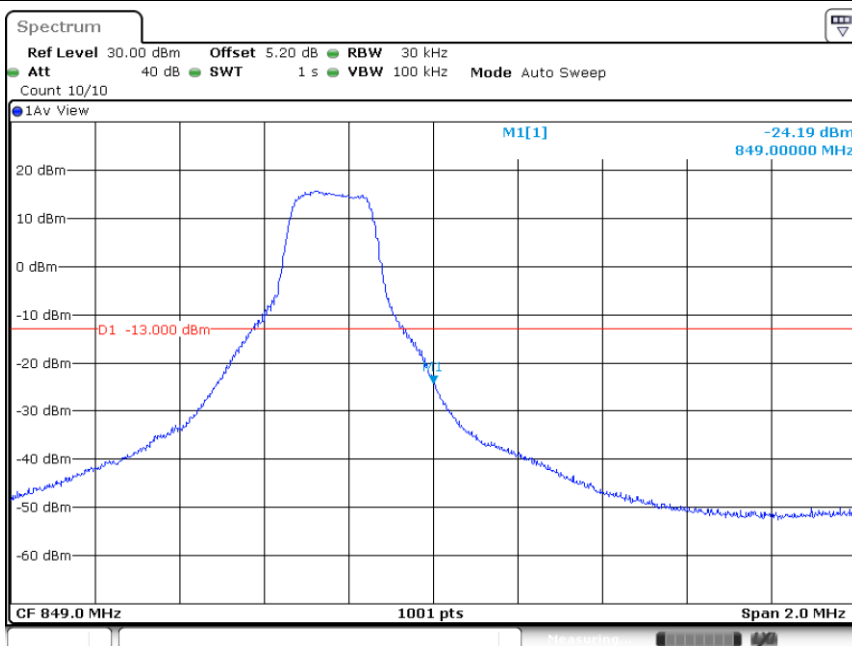
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## Band5-3MHz-16QAM-20415-15RB#0



Date: 28.SEP.2020 12:48:28

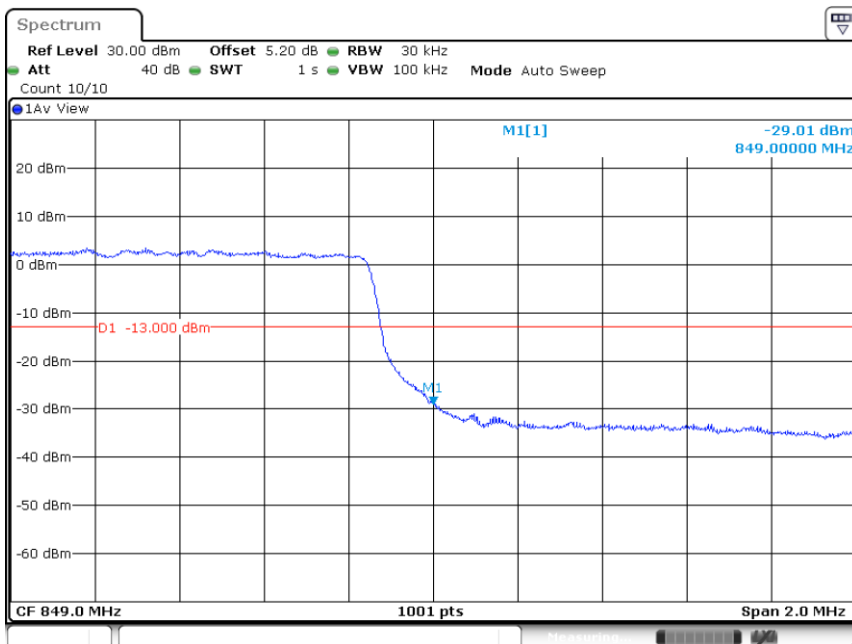
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Date: 28.SEP.2020 12:49:23

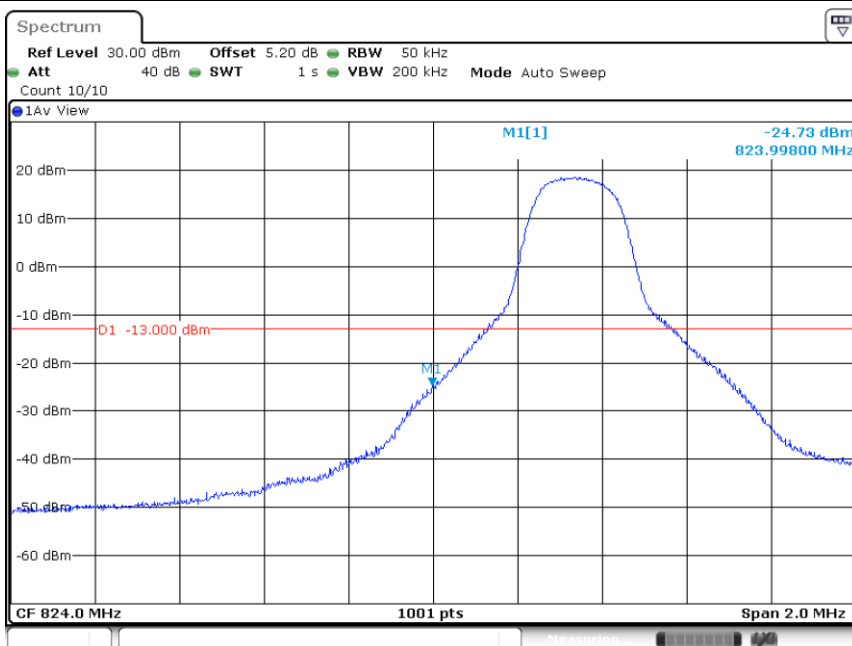


**Band5-3MHz-16QAM-20635-15RB#0**



Date: 28.SEP.2020 12:50:10

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



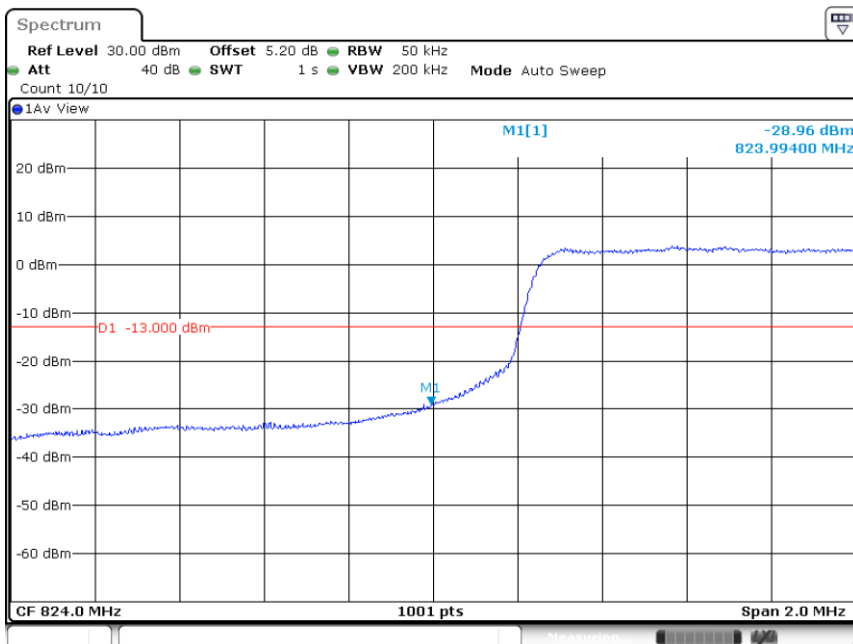
Date: 28.SEP.2020 12:50:42



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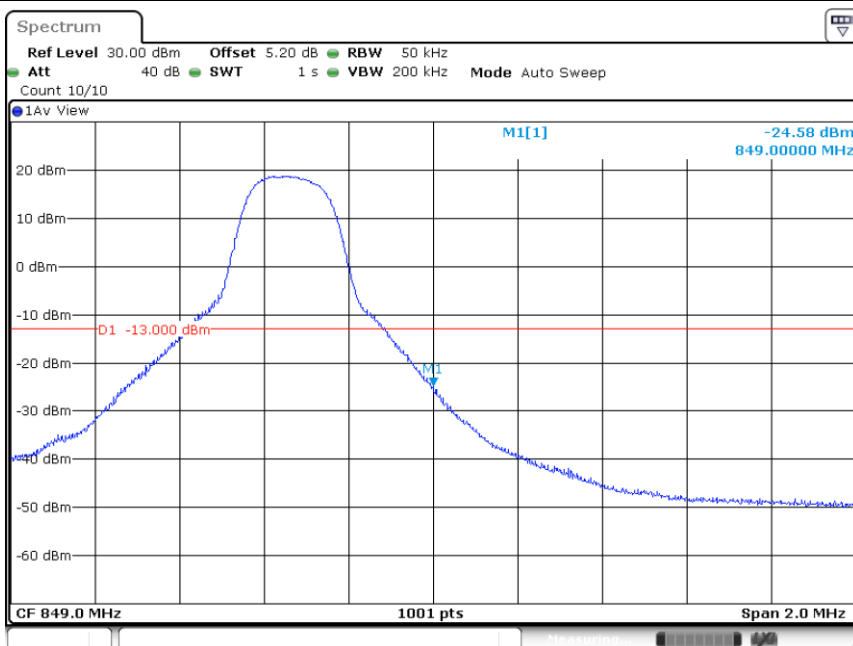
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## Band5-5MHz-QPSK-20425-25RB#0



Date: 28.SEP.2020 12:51:29

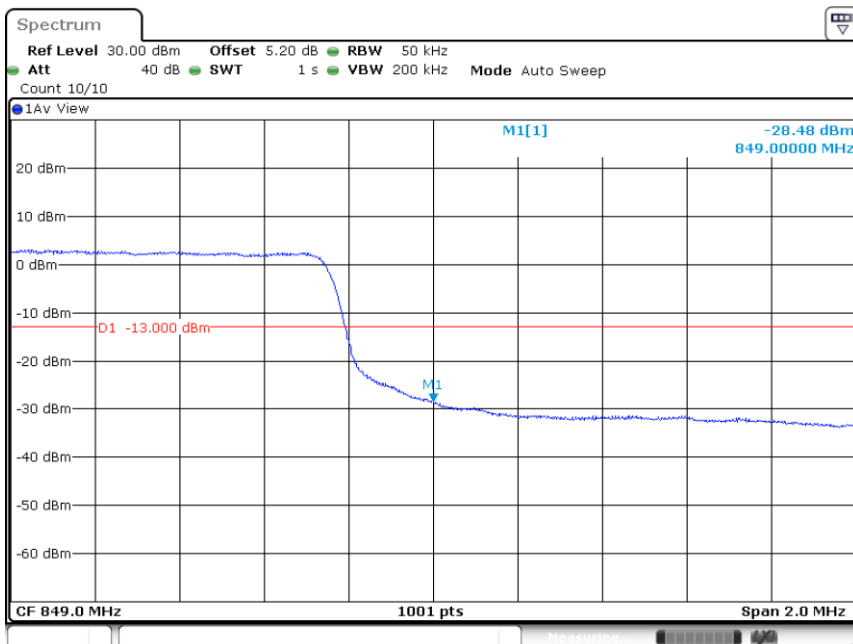
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Date: 28.SEP.2020 12:52:23

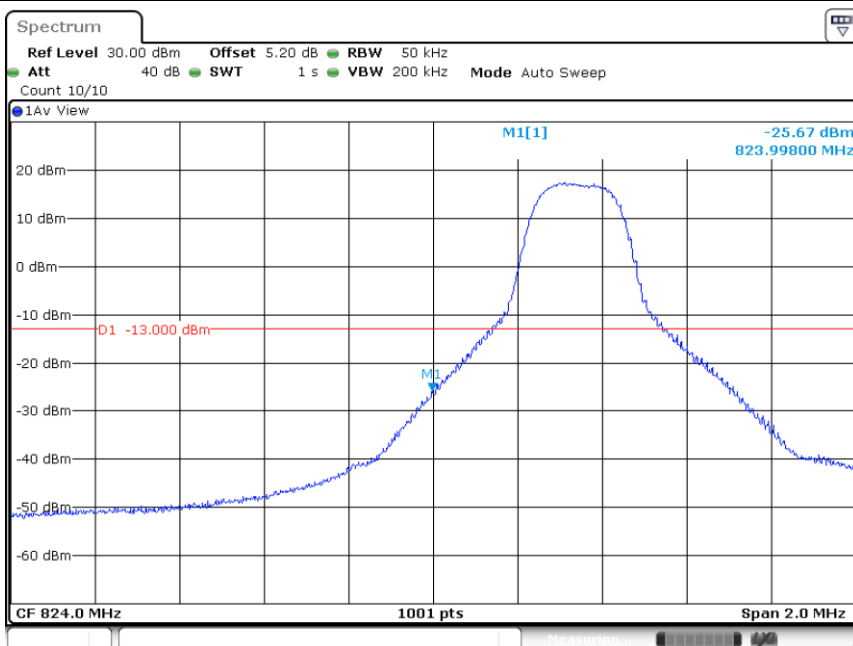


Band5-5MHz-QPSK-20625-25RB#0



Date: 28.SEP.2020 12:53:10

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



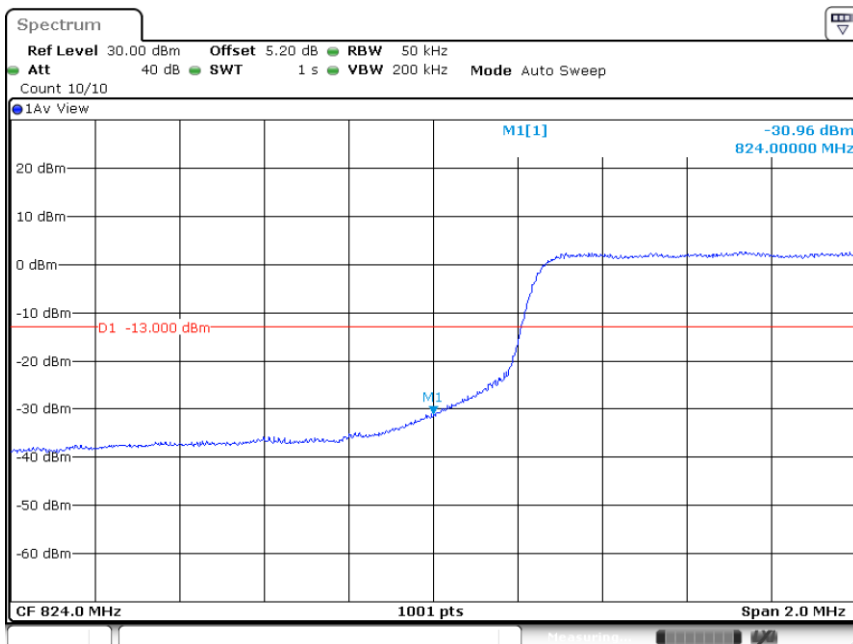
Date: 28.SEP.2020 12:51:05



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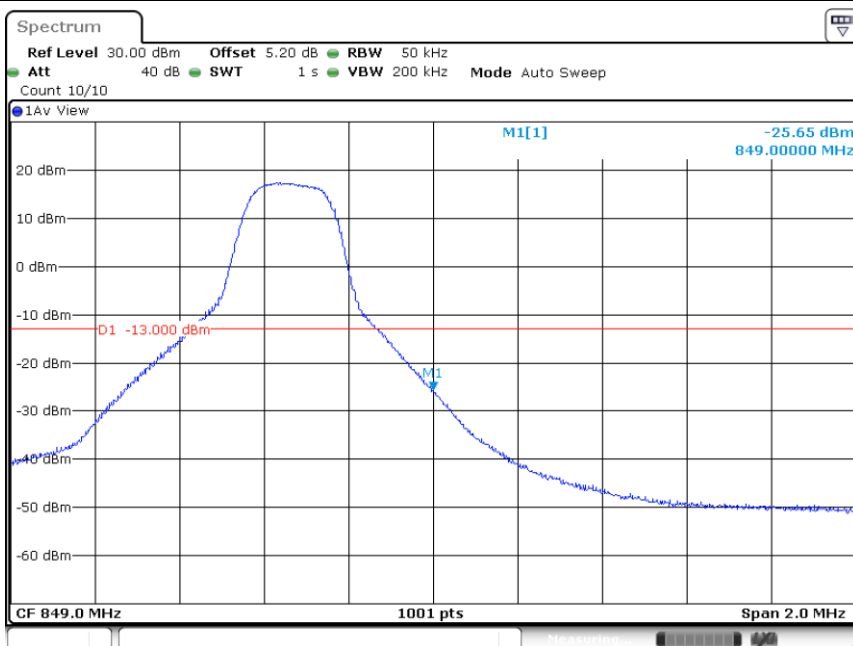
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Band5-5MHz-16QAM-20425-25RB#0



Date: 28.SEP.2020 12:51:52

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



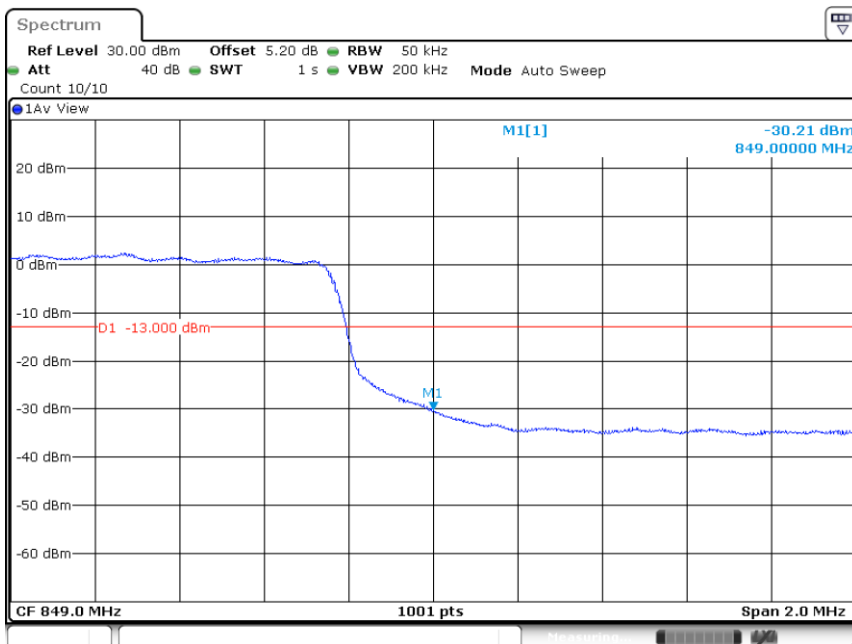
Date: 28.SEP.2020 12:52:47



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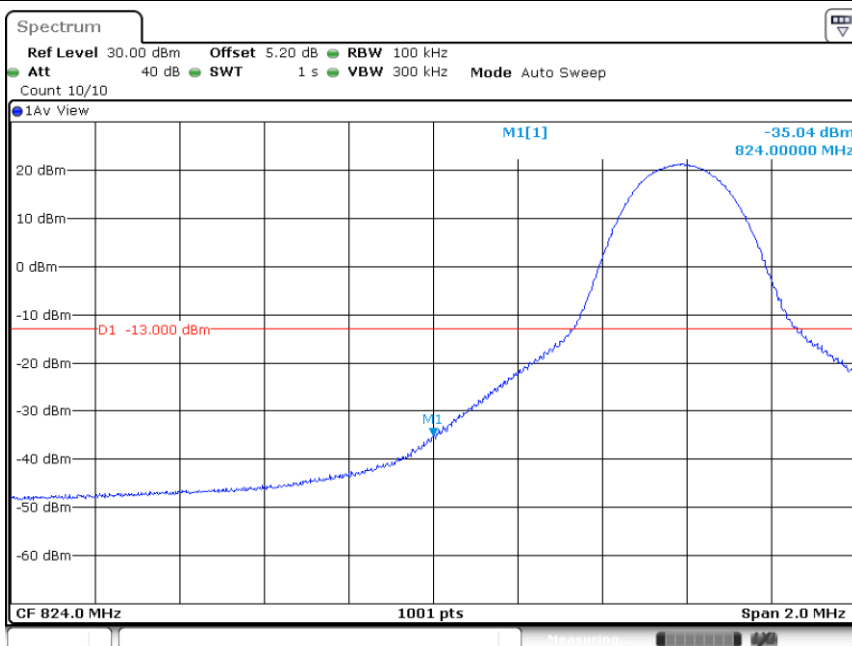
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Band5-5MHz-16QAM-20625-25RB#0



Date: 28.SEP.2020 12:53:34

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



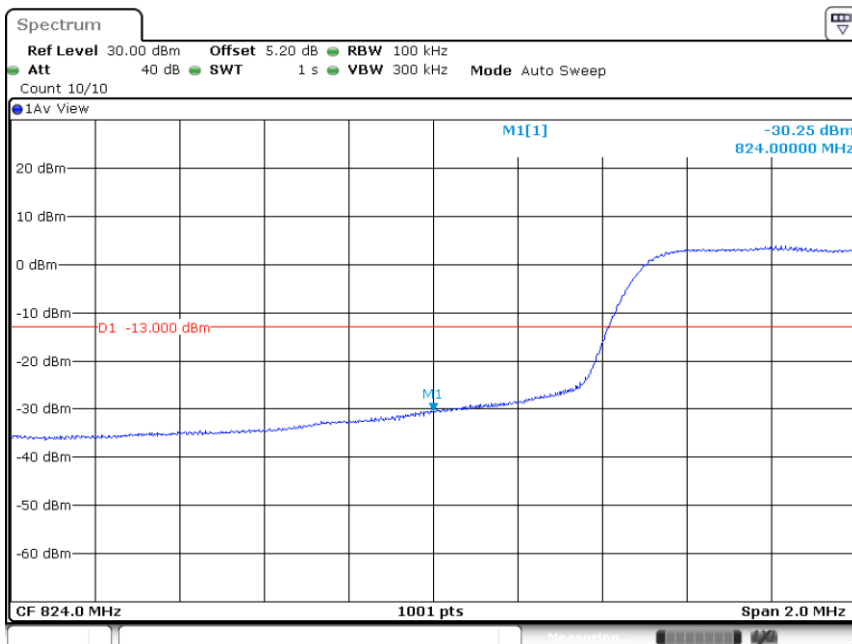
Date: 28.SEP.2020 12:54:05



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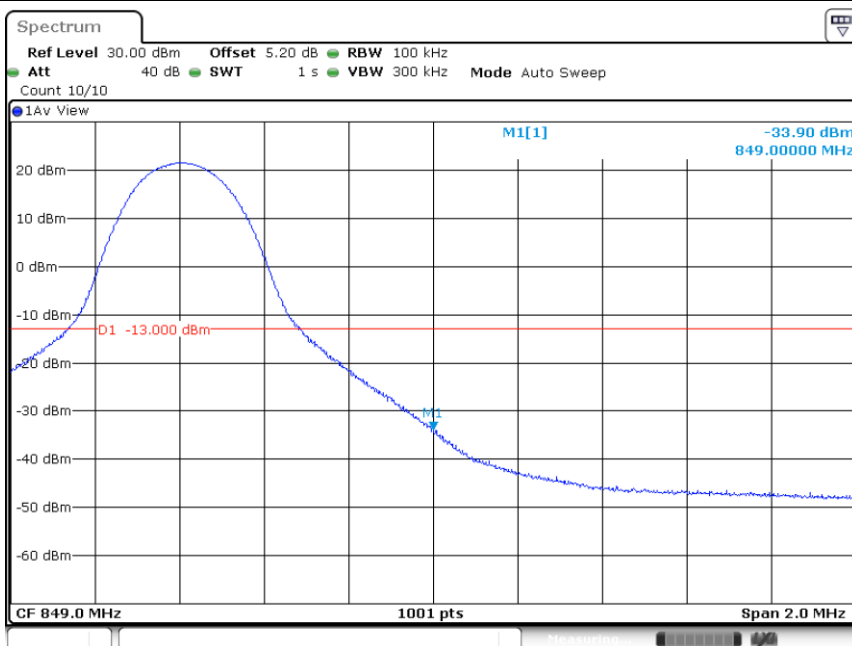
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Band5-10MHz-QPSK-20450-50RB#0



Date: 28.SEP.2020 12:54:52

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



Date: 28 SEP 2020 12:55:47



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Testing Center EEC Laboratory.

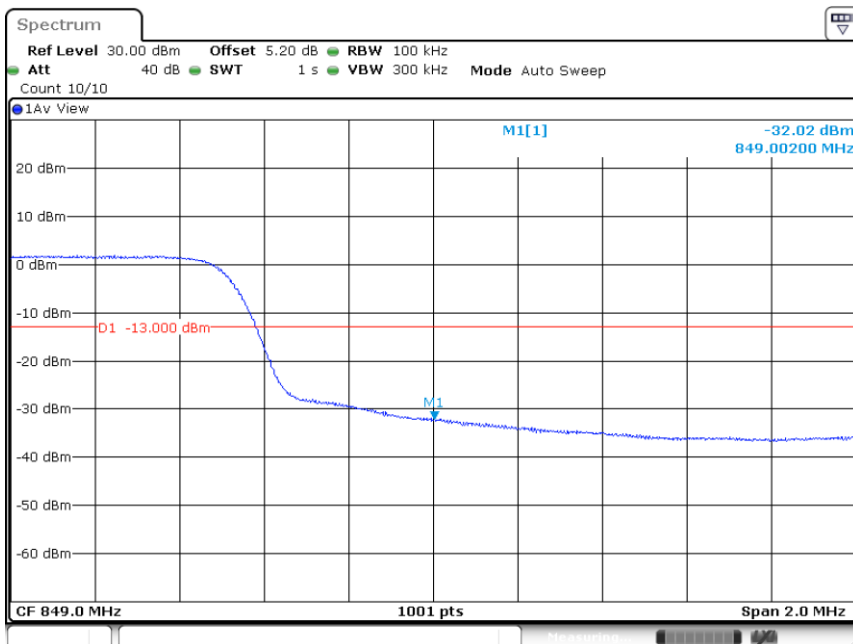
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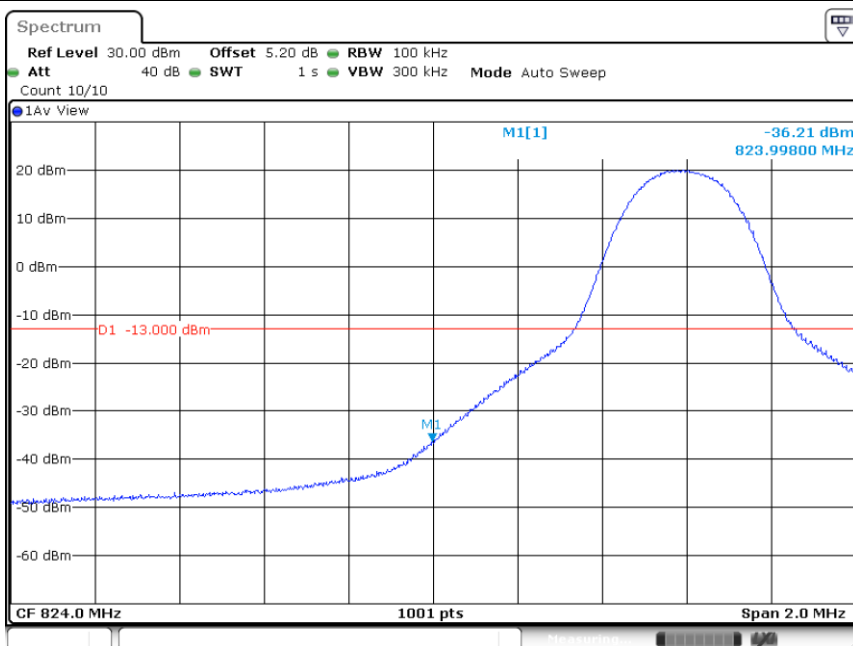
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Band5-10MHz-QPSK-20600-50RB#0



Date: 28.SEP.2020 12:56:34

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



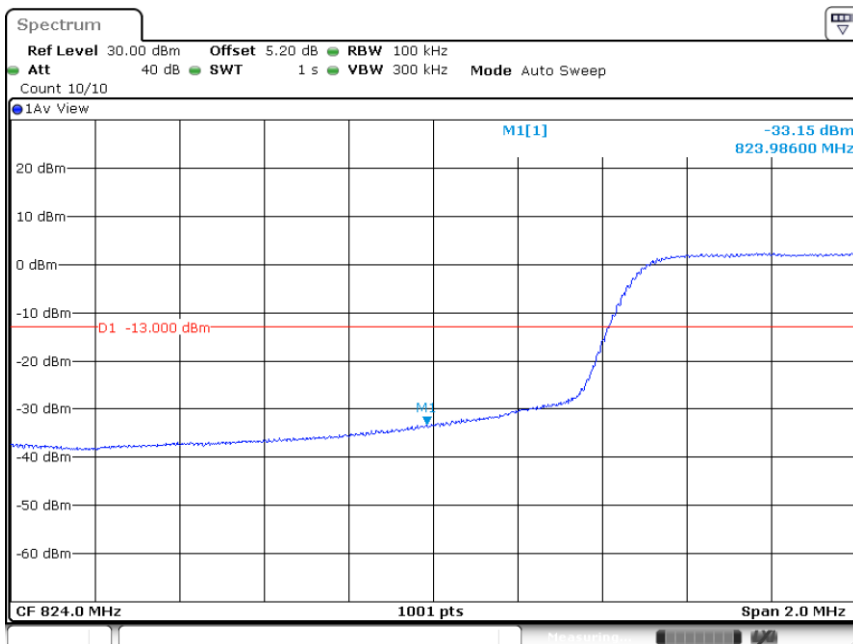
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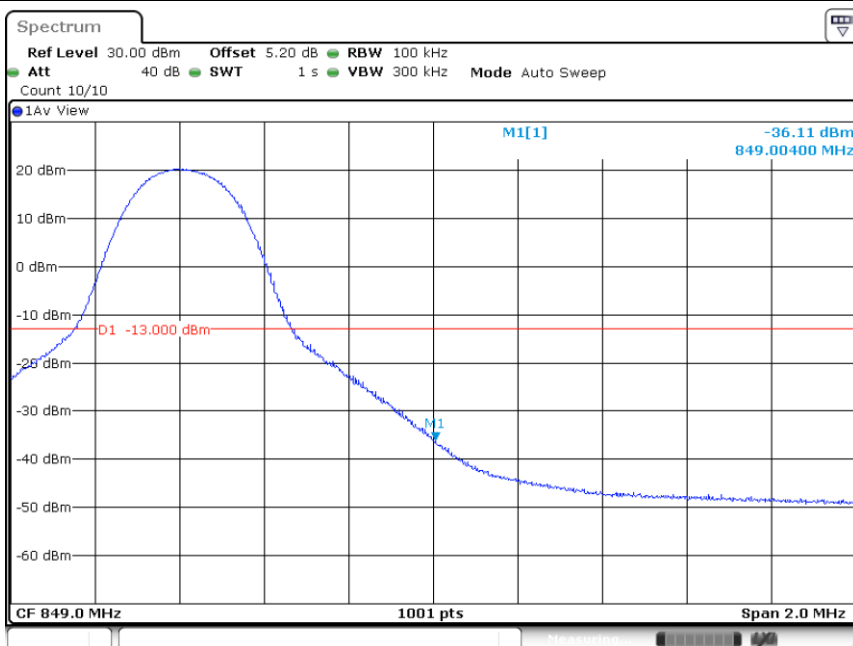
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Band5-10MHz-16QAM-20450-50RB#0



Date: 28.SEP.2020 12:55:16

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

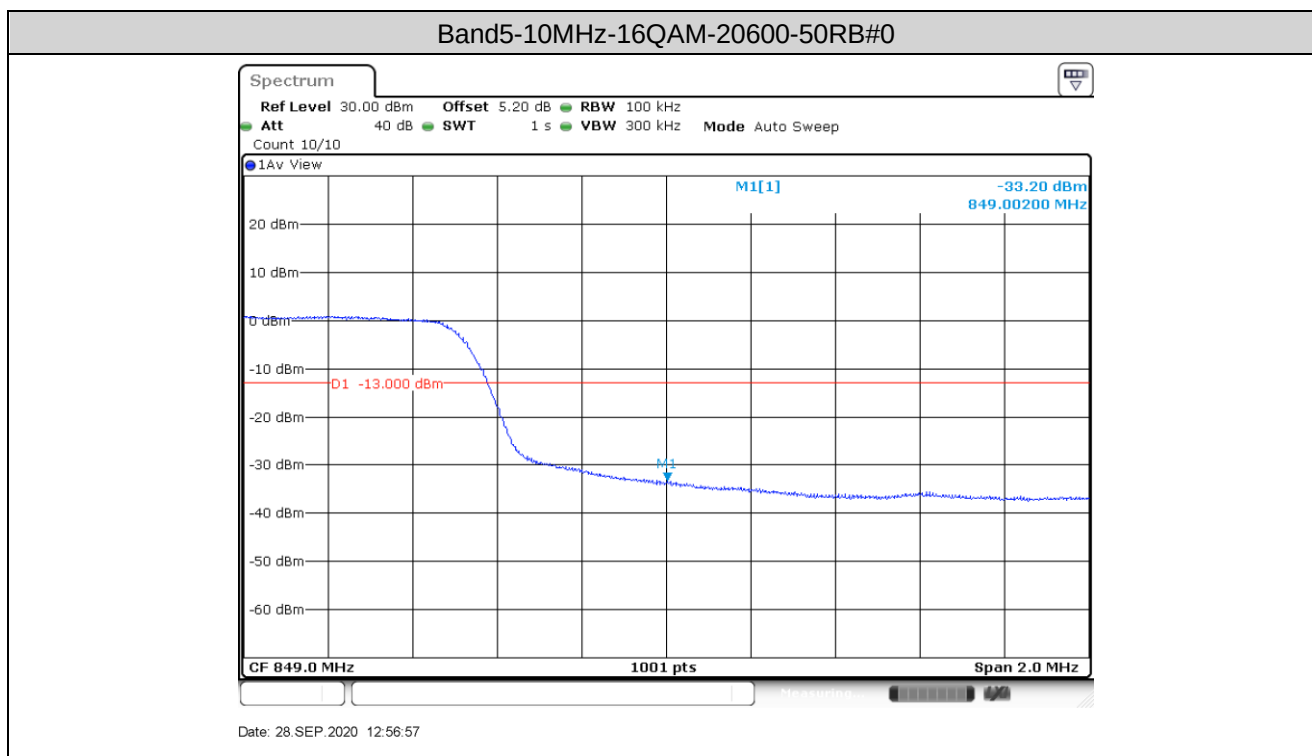


Date: 28.SEP.2020 12:56:11



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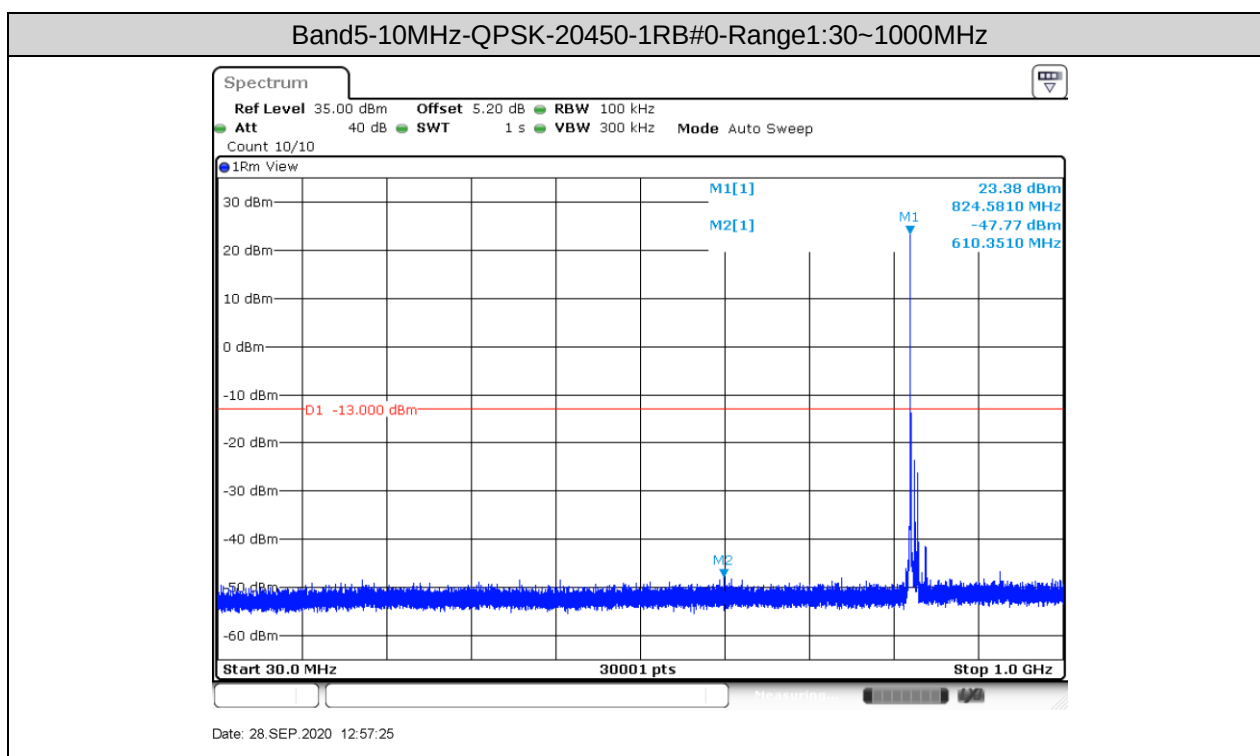
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## 6. Spurious Emission at Antenna Terminal

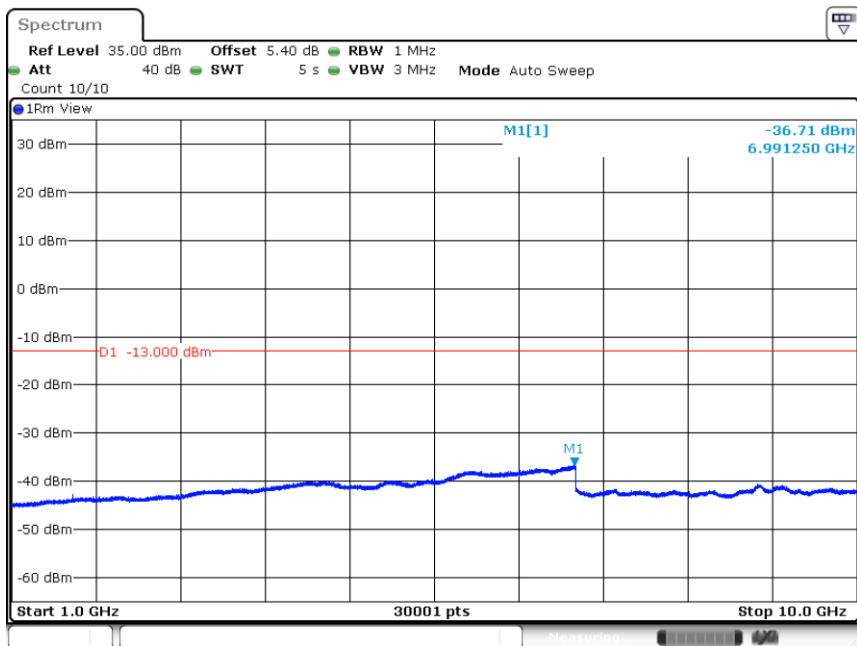
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

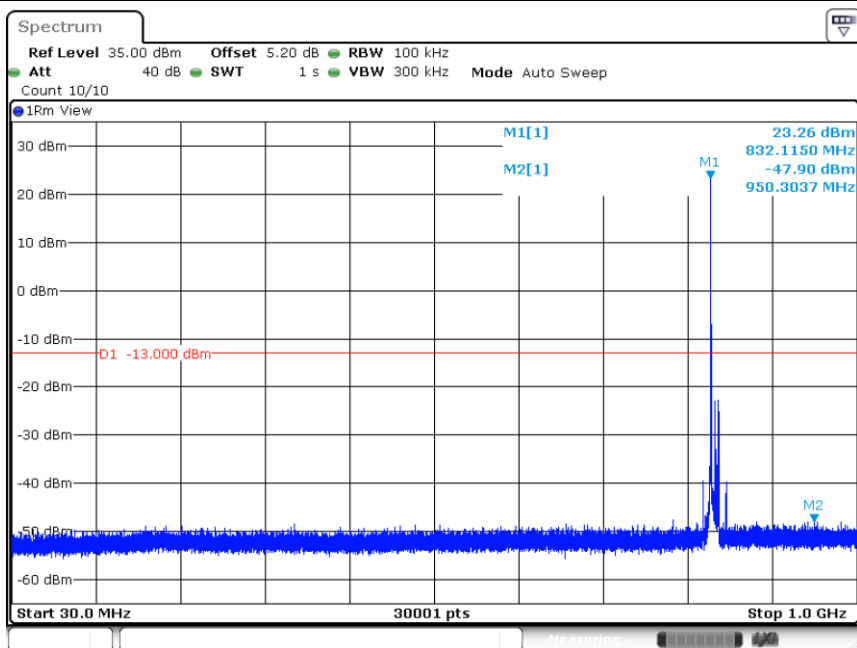


**Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz**



Date: 28.SEP.2020 12:58:33

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



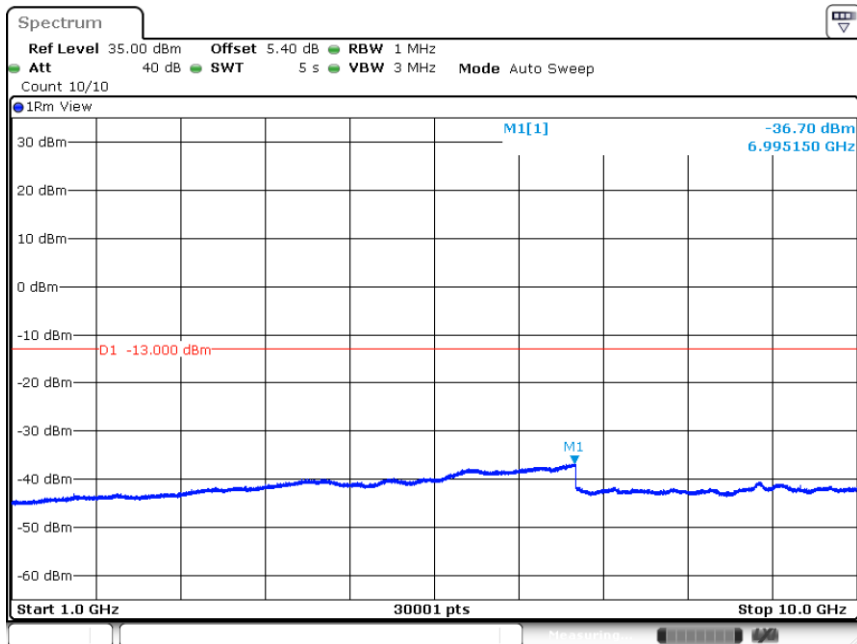
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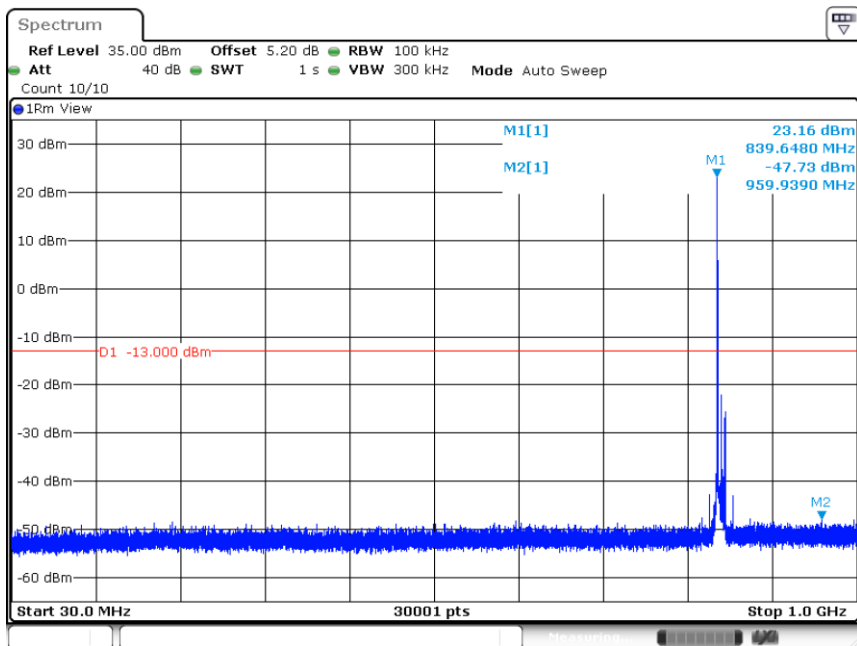
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**Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz**



Date: 28.SEP.2020 13:01:35

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



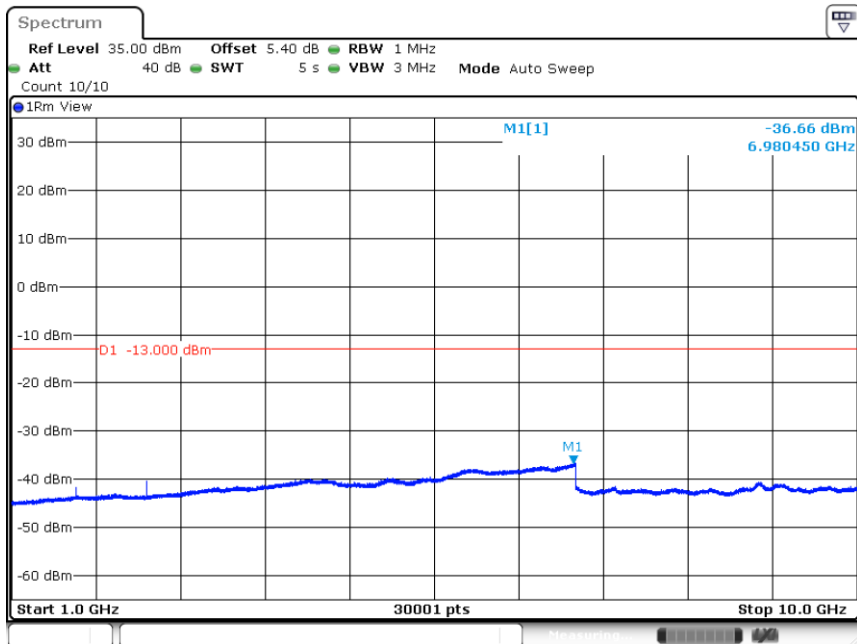
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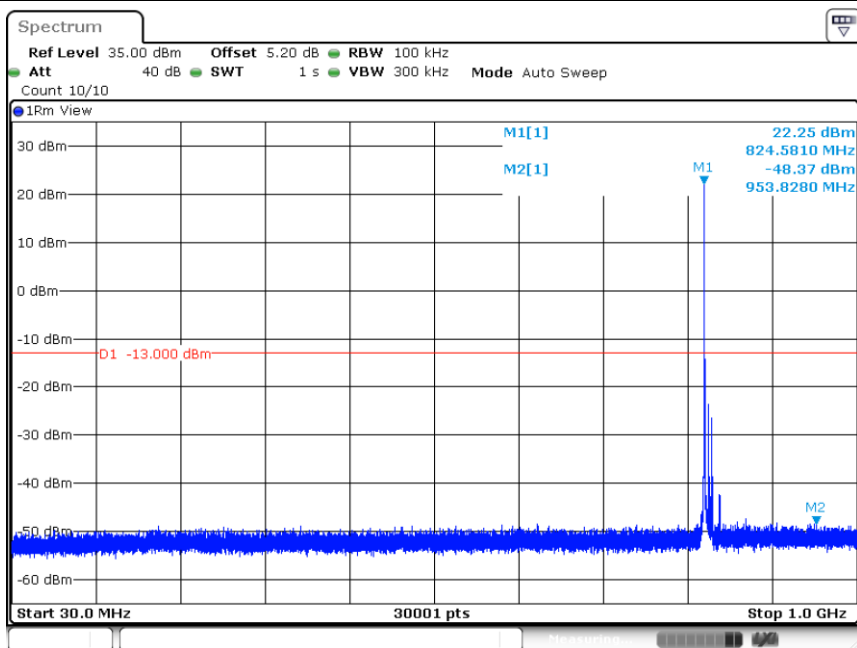
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Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



Date: 28.SEP.2020 13:04:37

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



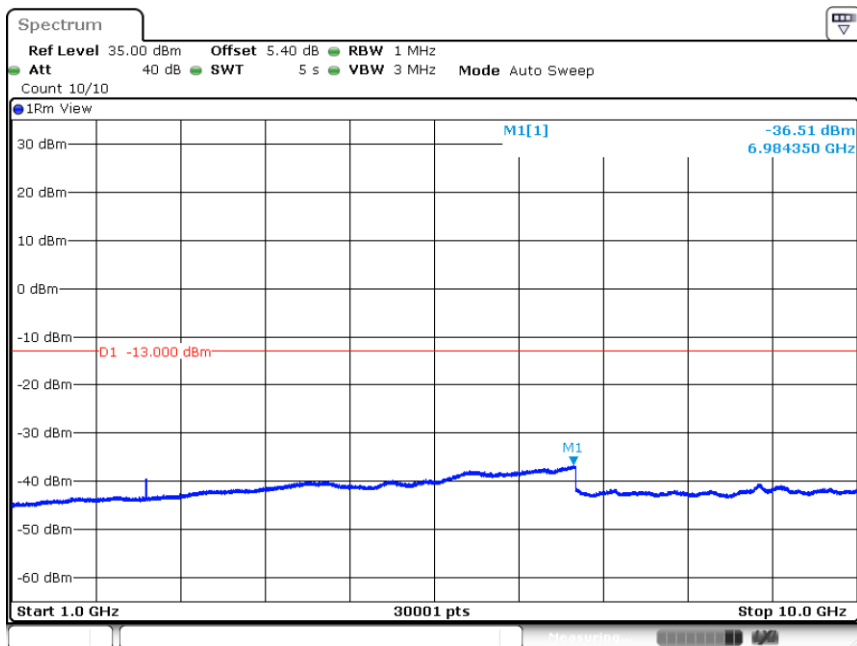
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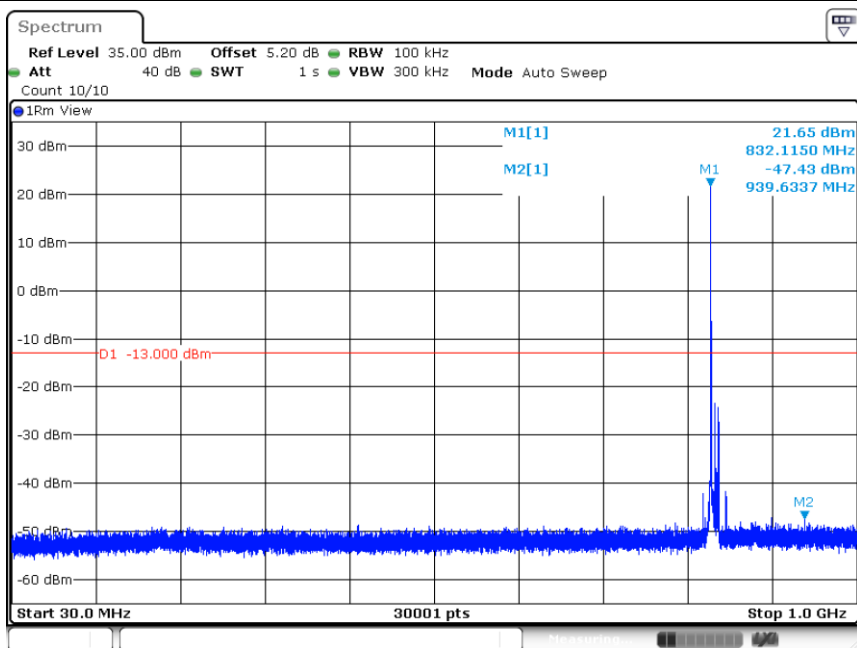
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**Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz**



Date: 28.SEP.2020 13:00:04

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



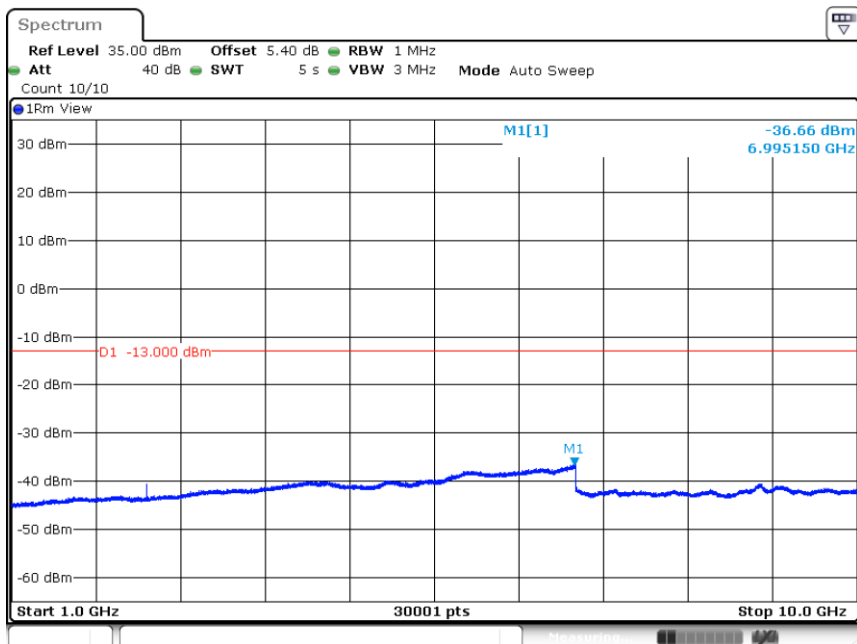
Date: 28.SEP.2020 13:01:57



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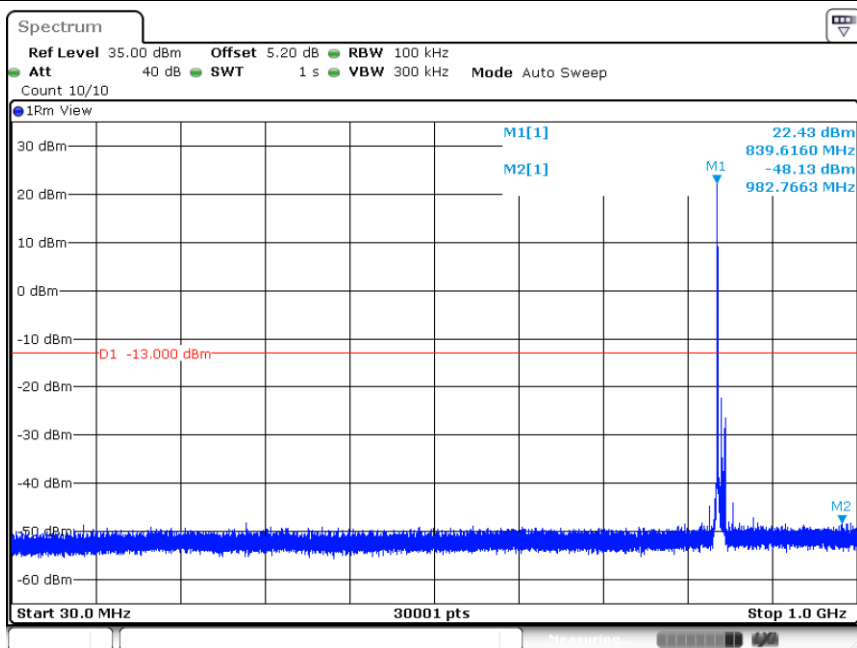
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## Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



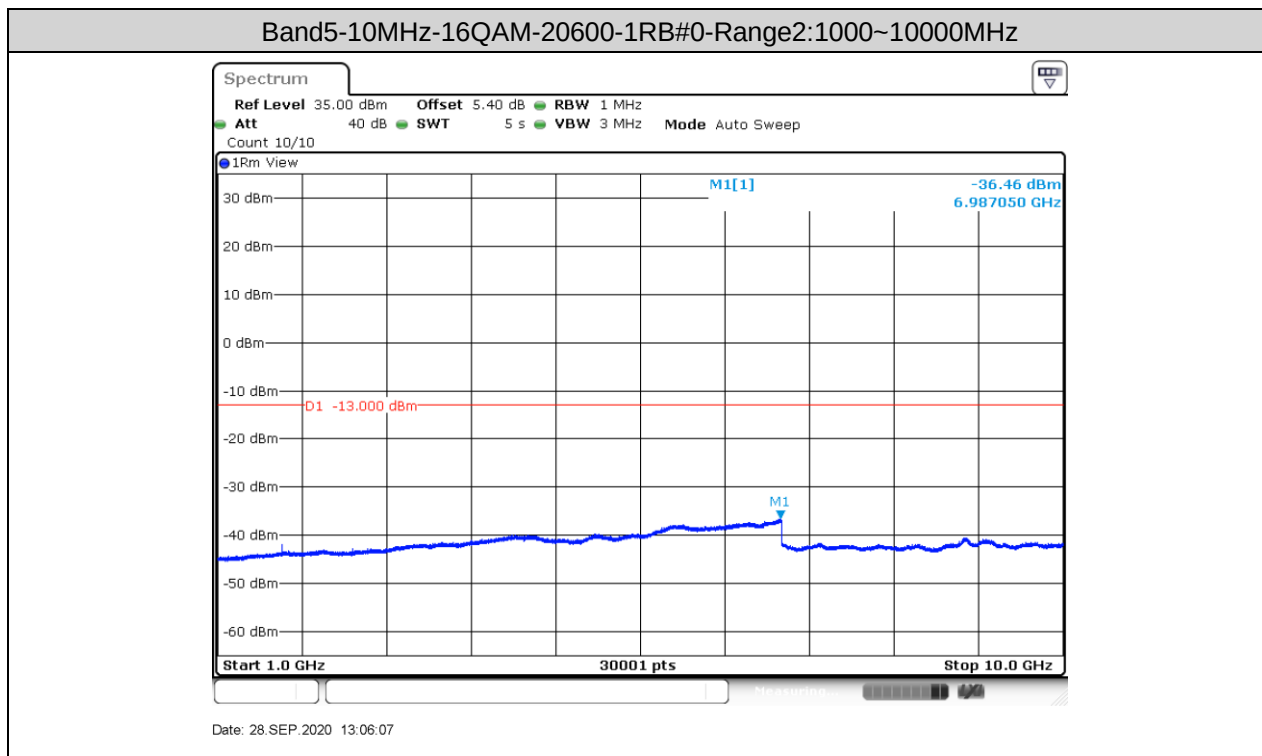
Date: 28.SEP.2020 13:03:05

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



Date: 28.SEP.2020 13:04:59





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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 |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 30.0000         | -73.58      | -13.00           | 60.58       | 224         | 99        | Vertical     |
| 114.1517        | -61.95      | -13.00           | 48.95       | 154         | 259       | Vertical     |
| 337.8449        | -66.44      | -13.00           | 53.44       | 196         | 323       | Vertical     |
| 1648.9298       | -64.12      | -13.00           | 51.12       | 254         | 158       | Vertical     |
| 2697.9396       | -57.53      | -13.00           | 44.53       | 288         | 109       | Vertical     |
| 9317.0106       | -52.04      | -13.00           | 39.04       | 153         | 227       | Vertical     |
| 44.4052         | -62.70      | -13.00           | 49.70       | 263         | 291       | Horizontal   |
| 106.9248        | -73.62      | -13.00           | 60.62       | 277         | 323       | Horizontal   |
| 241.6646        | -65.61      | -13.00           | 52.61       | 241         | 323       | Horizontal   |
| 1648.9298       | -61.47      | -13.00           | 48.47       | 292         | 175       | Horizontal   |
| 2699.1398       | -56.31      | -13.00           | 43.31       | 268         | 48        | Horizontal   |
| 7470.8157       | -56.35      | -13.00           | 43.35       | 218         | 291       | Horizontal   |

#### 7.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 31.3096         | -73.06      | -13.00           | 60.06       | 155         | 163       | Vertical     |
| 112.0176        | -63.12      | -13.00           | 50.12       | 127         | 131       | Vertical     |
| 384.8437        | -65.42      | -13.00           | 52.42       | 153         | 131       | Vertical     |
| 1664.1328       | -59.21      | -13.00           | 46.21       | 196         | 172       | Vertical     |
| 2693.5387       | -57.55      | -13.00           | 44.55       | 253         | 169       | Vertical     |
| 9796.0599       | -51.84      | -13.00           | 38.84       | 284         | 99        | Vertical     |
| 43.6777         | -62.05      | -13.00           | 49.05       | 245         | 260       | Horizontal   |
| 104.0147        | -73.12      | -13.00           | 60.12       | 111         | 36        | Horizontal   |
| 240.8400        | -65.69      | -13.00           | 52.69       | 187         | 36        | Horizontal   |
| 1664.1328       | -53.24      | -13.00           | 40.24       | 162         | 182       | Horizontal   |
| 2699.5399       | -56.28      | -13.00           | 43.28       | 187         | 144       | Horizontal   |
| 9310.0103       | -52.95      | -13.00           | 39.95       | 245         | 355       | Horizontal   |



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### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 30.0485         | -71.42      | -13.00           | 58.42       | 252         | 67        | Vertical     |
| 107.4584        | -62.08      | -13.00           | 49.08       | 188         | 227       | Vertical     |
| 335.0803        | -66.54      | -13.00           | 53.54       | 163         | 99        | Vertical     |
| 1678.9358       | -63.78      | -13.00           | 50.78       | 122         | 172       | Vertical     |
| 2446.2893       | -56.58      | -13.00           | 43.58       | 141         | 205       | Vertical     |
| 9859.0620       | -51.77      | -13.00           | 38.77       | 203         | 99        | Vertical     |
| 39.3125         | -62.08      | -13.00           | 49.08       | 252         | 163       | Horizontal   |
| 102.9962        | -73.19      | -13.00           | 60.19       | 233         | 323       | Horizontal   |
| 232.3036        | -64.92      | -13.00           | 51.92       | 274         | 132       | Horizontal   |
| 1679.3359       | -60.46      | -13.00           | 47.46       | 288         | 188       | Horizontal   |
| 2701.5403       | -56.34      | -13.00           | 43.34       | 155         | 240       | Horizontal   |
| 9314.4438       | -52.70      | -13.00           | 39.70       | 196         | 323       | 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

| 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               | 1.40           | 0.001689        | ±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               | 4.10           | 0.004946        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 50RB#0       | VL            | NT               | 2.20           | 0.002630        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 50RB#0       | VN            | NT               | -0.20          | -0.000239       | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 50RB#0       | VH            | NT               | 2.40           | 0.002869        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20600   | 50RB#0       | VL            | NT               | 2.60           | 0.003081        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20600   | 50RB#0       | VN            | NT               | 1.00           | 0.001185        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20600   | 50RB#0       | VH            | NT               | 4.30           | 0.005095        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20450   | 50RB#0       | VL            | NT               | 1.90           | 0.002292        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20450   | 50RB#0       | VN            | NT               | 1.50           | 0.001809        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20450   | 50RB#0       | VH            | NT               | 0.60           | 0.000724        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20525   | 50RB#0       | VL            | NT               | 1.60           | 0.001913        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20525   | 50RB#0       | VN            | NT               | 0.30           | 0.000359        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20525   | 50RB#0       | VH            | NT               | 1.70           | 0.002032        | ±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               | 2.30           | 0.002725        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20600   | 50RB#0       | VH            | NT               | 1.70           | 0.002014        | ±2.5        | PASS    |

### 8.2. Frequency Vs Temperature

| 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              | -1.60          | -0.001930       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -20              | -0.30          | -0.000362       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -10              | -0.90          | -0.001086       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 0                | 0.30           | 0.000362        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 10               | -2.10          | -0.002533       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 20               | -0.90          | -0.001086       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 30               | -1.20          | -0.001448       | ±2.5        | PASS    |



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|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 40  | 1.90  | 0.002292  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 50  | -0.50 | -0.000603 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -30 | -0.70 | -0.000837 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -20 | 0.40  | 0.000478  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -10 | 0.40  | 0.000478  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 0   | -1.30 | -0.001554 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 10  | -0.40 | -0.000478 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 20  | -0.90 | -0.001076 | ±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  | 1.20  | 0.001435  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 50  | -0.10 | -0.000120 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -30 | 2.40  | 0.002844  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -20 | 0.90  | 0.001066  | ±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 | 0   | 0.50  | 0.000592  | ±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  | -0.10 | -0.000118 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 30  | 0.40  | 0.000474  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 40  | -0.30 | -0.000355 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 50  | -1.10 | -0.001303 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | 2.00  | 0.002413  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 0.80  | 0.000965  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | 2.30  | 0.002774  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | 2.20  | 0.002654  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | 2.80  | 0.003378  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | -0.10 | -0.000121 | ±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  | 1.20  | 0.001448  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50  | -1.70 | -0.002051 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | 1.30  | 0.001554  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | 1.00  | 0.001195  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | 1.30  | 0.001554  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | -0.20 | -0.000239 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | 1.00  | 0.001195  | ±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  | 1.30  | 0.001554  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40  | 1.00  | 0.001195  | ±2.5 | PASS |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50  | 1.00  | 0.001195  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | 1.00  | 0.001185  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | 1.20  | 0.001422  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | 1.50  | 0.001777  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | 1.60  | 0.001896  | ±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 | 20  | -1.10 | -0.001303 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30  | 3.20  | 0.003791  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40  | 1.40  | 0.001659  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50  | -2.00 | -0.002370 | ±2.5 | PASS |

The End



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Shenzhen Branch (2019) Calibration Laboratory

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