



**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

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# Appendix B.8

## LTE Band 66



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (Wireless Laboratory)

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## Effective (Isotropic) Radiated Power Output Data

### Test Result

#### ANT1

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 21.39       | 22.49     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#2            | 21.43       | 22.53     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#5            | 21.41       | 22.51     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 20.50       | 21.60     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#0            | 21.40       | 22.50     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#2            | 21.45       | 22.55     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#5            | 21.42       | 22.52     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 20.55       | 21.65     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#0            | 21.46       | 22.56     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#2            | 21.47       | 22.57     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#5            | 21.44       | 22.54     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 20.61       | 21.71     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#0            | 20.69       | 21.79     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#2            | 20.90       | 22.00     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#5            | 20.70       | 21.80     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 19.63       | 20.73     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#0            | 20.50       | 21.60     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#2            | 20.69       | 21.79     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#5            | 20.49       | 21.59     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 19.59       | 20.69     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#0            | 20.51       | 21.61     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#2            | 20.66       | 21.76     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#5            | 20.58       | 21.68     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 19.61       | 20.71     | 30         | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 1RB#0            | 19.67       | 20.77     | 30         | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 1RB#2            | 19.77       | 20.87     | 30         | PASS    |



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|        |        |       |        |        |       |       |    |      |
|--------|--------|-------|--------|--------|-------|-------|----|------|
| Band66 | 1.4MHz | 64QAM | 131979 | 1RB#5  | 19.70 | 20.80 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 6RB#0  | 18.55 | 19.65 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 1RB#0  | 19.55 | 20.65 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 1RB#2  | 19.65 | 20.75 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 1RB#5  | 19.49 | 20.59 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 6RB#0  | 18.49 | 19.59 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 1RB#0  | 19.60 | 20.70 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 1RB#2  | 19.65 | 20.75 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 1RB#5  | 19.58 | 20.68 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 6RB#0  | 18.57 | 19.67 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#0  | 21.45 | 22.55 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#8  | 21.46 | 22.56 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#14 | 21.43 | 22.53 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 15RB#0 | 20.47 | 21.57 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#0  | 21.46 | 22.56 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#8  | 21.48 | 22.58 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#14 | 21.47 | 22.57 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 15RB#0 | 20.53 | 21.63 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 1RB#0  | 21.42 | 22.52 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 1RB#8  | 21.49 | 22.59 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 1RB#14 | 21.41 | 22.51 | 30 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 15RB#0 | 20.57 | 21.67 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#0  | 20.74 | 21.84 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#8  | 20.77 | 21.87 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#14 | 20.86 | 21.96 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 15RB#0 | 19.51 | 20.61 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 1RB#0  | 20.62 | 21.72 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 1RB#8  | 20.54 | 21.64 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 1RB#14 | 20.59 | 21.69 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 15RB#0 | 19.48 | 20.58 | 30 | PASS |
| Band66 | 3MHz   | 16QAM | 132657 | 1RB#0  | 20.72 | 21.82 | 30 | PASS |



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|--------|------|-------|--------|--------|-------|-------|----|------|
| Band66 | 3MHz | 16QAM | 132657 | 1RB#8  | 20.52 | 21.62 | 30 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#14 | 20.51 | 21.61 | 30 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0 | 19.53 | 20.63 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 1RB#0  | 19.73 | 20.83 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 1RB#8  | 19.71 | 20.81 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 1RB#14 | 19.75 | 20.85 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 15RB#0 | 18.50 | 19.60 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 1RB#0  | 19.49 | 20.59 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 1RB#8  | 19.54 | 20.64 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 1RB#14 | 19.49 | 20.59 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 15RB#0 | 18.49 | 19.59 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132657 | 1RB#0  | 19.69 | 20.79 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132657 | 1RB#8  | 19.57 | 20.67 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132657 | 1RB#14 | 19.66 | 20.76 | 30 | PASS |
| Band66 | 3MHz | 64QAM | 132657 | 15RB#0 | 18.57 | 19.67 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#0  | 21.36 | 22.46 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#12 | 21.42 | 22.52 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#24 | 21.41 | 22.51 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 25RB#0 | 20.49 | 21.59 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#0  | 21.37 | 22.47 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#12 | 21.42 | 22.52 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#24 | 21.37 | 22.47 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 25RB#0 | 20.55 | 21.65 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#0  | 21.40 | 22.50 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#12 | 21.46 | 22.56 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#24 | 21.39 | 22.49 | 30 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 25RB#0 | 20.60 | 21.70 | 30 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#0  | 20.71 | 21.81 | 30 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#12 | 20.87 | 21.97 | 30 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#24 | 20.81 | 21.91 | 30 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0 | 19.55 | 20.65 | 30 | PASS |



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| Band66 | 5MHz  | 16QAM | 132322 | 1RB#0  | 20.52 | 21.62 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132322 | 1RB#12 | 20.60 | 21.70 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132322 | 1RB#24 | 20.45 | 21.55 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132322 | 25RB#0 | 19.49 | 20.59 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 1RB#0  | 20.58 | 21.68 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 1RB#12 | 20.80 | 21.90 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 1RB#24 | 20.41 | 21.51 | 30 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 25RB#0 | 19.56 | 20.66 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 131997 | 1RB#0  | 19.61 | 20.71 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 131997 | 1RB#12 | 19.92 | 21.02 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 131997 | 1RB#24 | 19.69 | 20.79 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 131997 | 25RB#0 | 18.52 | 19.62 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132322 | 1RB#0  | 19.45 | 20.55 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132322 | 1RB#12 | 19.69 | 20.79 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132322 | 1RB#24 | 19.42 | 20.52 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132322 | 25RB#0 | 18.55 | 19.65 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132647 | 1RB#0  | 19.62 | 20.72 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132647 | 1RB#12 | 19.74 | 20.84 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132647 | 1RB#24 | 19.44 | 20.54 | 30 | PASS |
| Band66 | 5MHz  | 64QAM | 132647 | 25RB#0 | 18.61 | 19.71 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#0  | 21.42 | 22.52 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#24 | 21.42 | 22.52 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#49 | 21.41 | 22.51 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 50RB#0 | 20.57 | 21.67 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#0  | 21.45 | 22.55 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#24 | 21.47 | 22.57 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#49 | 21.46 | 22.56 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 50RB#0 | 20.67 | 21.77 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#0  | 21.43 | 22.53 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#24 | 21.40 | 22.50 | 30 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#49 | 21.31 | 22.41 | 30 | PASS |



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| Band66 | 10MHz | QPSK  | 132622 | 50RB#0 | 20.71 | 21.81 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0  | 20.73 | 21.83 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#24 | 20.86 | 21.96 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#49 | 20.80 | 21.90 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0 | 19.64 | 20.74 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0  | 20.60 | 21.70 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#24 | 20.66 | 21.76 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#49 | 20.60 | 21.70 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0 | 19.62 | 20.72 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0  | 20.78 | 21.88 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#24 | 20.87 | 21.97 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#49 | 20.38 | 21.48 | 30 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0 | 19.69 | 20.79 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 1RB#0  | 19.66 | 20.76 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 1RB#24 | 19.83 | 20.93 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 1RB#49 | 19.78 | 20.88 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 50RB#0 | 18.62 | 19.72 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 1RB#0  | 19.58 | 20.68 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 1RB#24 | 19.65 | 20.75 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 1RB#49 | 19.60 | 20.70 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 50RB#0 | 18.64 | 19.74 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132622 | 1RB#0  | 19.71 | 20.81 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132622 | 1RB#24 | 19.83 | 20.93 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132622 | 1RB#49 | 19.59 | 20.69 | 30 | PASS |
| Band66 | 10MHz | 64QAM | 132622 | 50RB#0 | 18.72 | 19.82 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#0  | 21.40 | 22.50 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#38 | 21.49 | 22.59 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#74 | 21.45 | 22.55 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 75RB#0 | 20.57 | 21.67 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#0  | 21.44 | 22.54 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#38 | 21.38 | 22.48 | 30 | PASS |



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|        |       |       |        |        |       |       |    |      |
|--------|-------|-------|--------|--------|-------|-------|----|------|
| Band66 | 15MHz | QPSK  | 132322 | 1RB#74 | 21.43 | 22.53 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 75RB#0 | 20.68 | 21.78 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#0  | 21.40 | 22.50 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#38 | 21.46 | 22.56 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#74 | 21.28 | 22.38 | 30 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 75RB#0 | 20.67 | 21.77 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0  | 20.77 | 21.87 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#38 | 20.98 | 22.08 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#74 | 20.78 | 21.88 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0 | 19.60 | 20.70 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0  | 20.63 | 21.73 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#38 | 20.61 | 21.71 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#74 | 20.61 | 21.71 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0 | 19.60 | 20.70 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0  | 20.83 | 21.93 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#38 | 20.81 | 21.91 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#74 | 20.55 | 21.65 | 30 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0 | 19.67 | 20.77 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 1RB#0  | 19.67 | 20.77 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 1RB#38 | 19.77 | 20.87 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 1RB#74 | 19.71 | 20.81 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 75RB#0 | 18.60 | 19.70 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 1RB#0  | 19.50 | 20.60 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 1RB#38 | 19.58 | 20.68 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 1RB#74 | 19.59 | 20.69 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 75RB#0 | 18.61 | 19.71 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 1RB#0  | 19.70 | 20.80 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 1RB#38 | 19.76 | 20.86 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 1RB#74 | 19.51 | 20.61 | 30 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 75RB#0 | 18.66 | 19.76 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#0  | 21.27 | 22.37 | 30 | PASS |



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|--------|-------|-------|--------|---------|-------|-------|----|------|
| Band66 | 20MHz | QPSK  | 132072 | 1RB#49  | 21.46 | 22.56 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#99  | 21.17 | 22.27 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 20.58 | 21.68 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#0   | 21.24 | 22.34 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#49  | 21.10 | 22.20 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#99  | 20.89 | 21.99 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 20.60 | 21.70 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#0   | 21.47 | 22.57 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#49  | 21.44 | 22.54 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#99  | 21.29 | 22.39 | 30 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 20.68 | 21.78 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0   | 20.59 | 21.69 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#49  | 20.99 | 22.09 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#99  | 20.26 | 21.36 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 19.60 | 20.70 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0   | 20.01 | 21.11 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#49  | 20.26 | 21.36 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#99  | 20.24 | 21.34 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 19.54 | 20.64 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0   | 20.65 | 21.75 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#49  | 21.02 | 22.12 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#99  | 20.40 | 21.50 | 30 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 19.68 | 20.78 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 1RB#0   | 19.52 | 20.62 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 1RB#49  | 19.79 | 20.89 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 1RB#99  | 19.43 | 20.53 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 100RB#0 | 18.62 | 19.72 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 1RB#0   | 19.16 | 20.26 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 1RB#49  | 19.63 | 20.73 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 1RB#99  | 19.51 | 20.61 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 100RB#0 | 18.60 | 19.70 | 30 | PASS |



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|--------|-------|-------|--------|---------|-------|-------|----|------|
| Band66 | 20MHz | 64QAM | 132572 | 1RB#0   | 19.50 | 20.60 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 1RB#49  | 19.91 | 21.01 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 1RB#99  | 19.22 | 20.32 | 30 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 100RB#0 | 18.68 | 19.78 | 30 | PASS |



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## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band66 | 20MHz     | QPSK       | 132072  | 100RB#0          | 5.30       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0          | 3.62       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132572  | 100RB#0          | 4.84       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132072  | 100RB#0          | 6.20       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132322  | 100RB#0          | 4.49       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132572  | 100RB#0          | 5.74       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132072  | 100RB#0          | 6.72       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132322  | 100RB#0          | 5.59       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132572  | 100RB#0          | 6.41       | 13        | PASS    |



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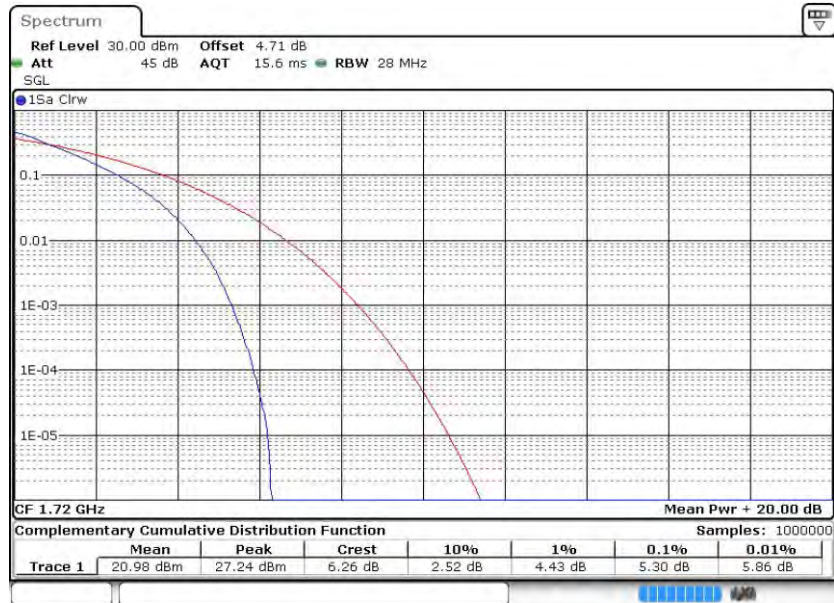


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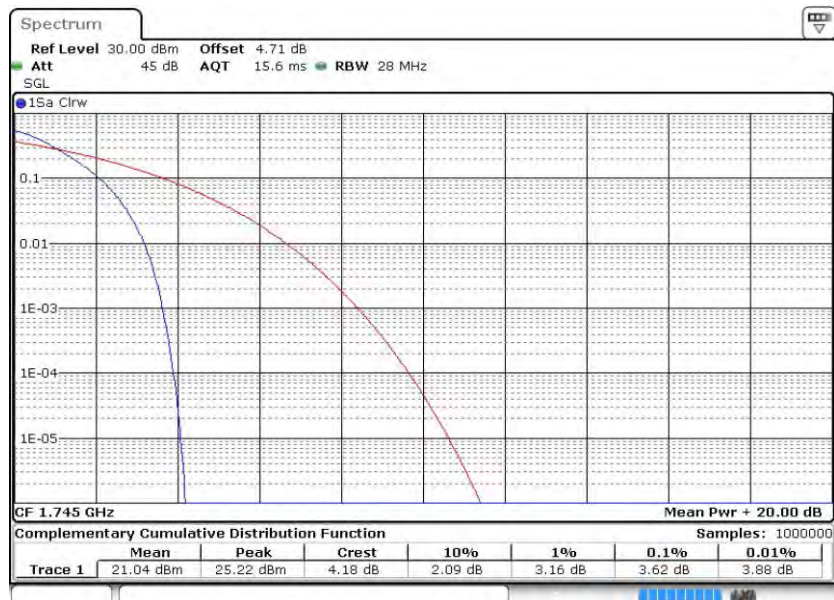
## Test Graphs

Band66-20MHz-QPSK-132072-100RB#0



Date: 16, JAN 2024 19:48:40

Band66-20MHz-QPSK-132322-100RB#0



Date: 17, JAN 2024 11:50:21



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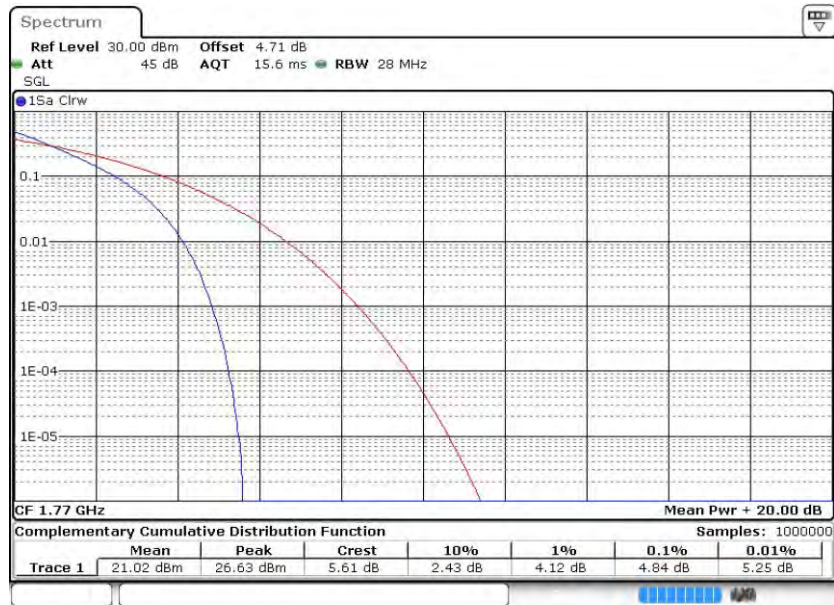
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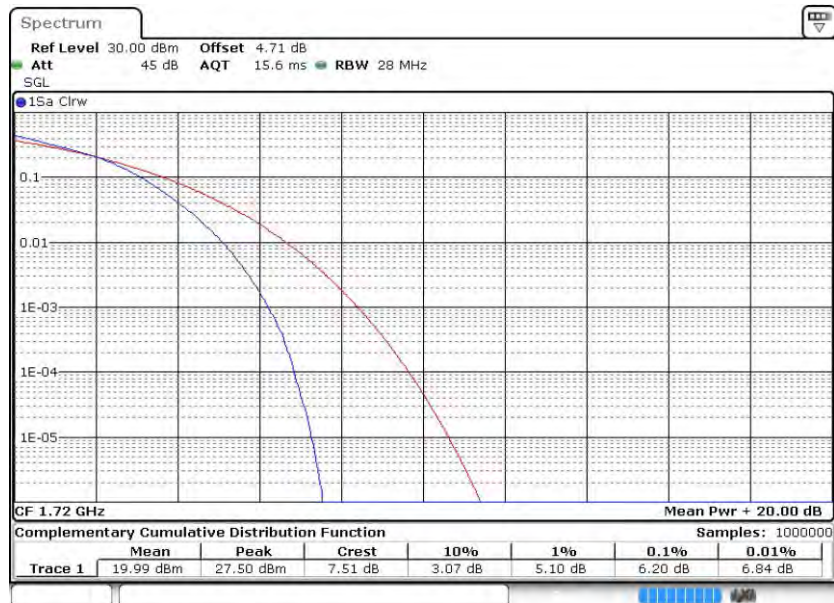
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## Band66-20MHz-QPSK-132572-100RB#0



Date: 17, JAN 2024 11:50:40

## Band66-20MHz-16QAM-132072-100RB#0



Date: 16, JAN 2024 19:48:57



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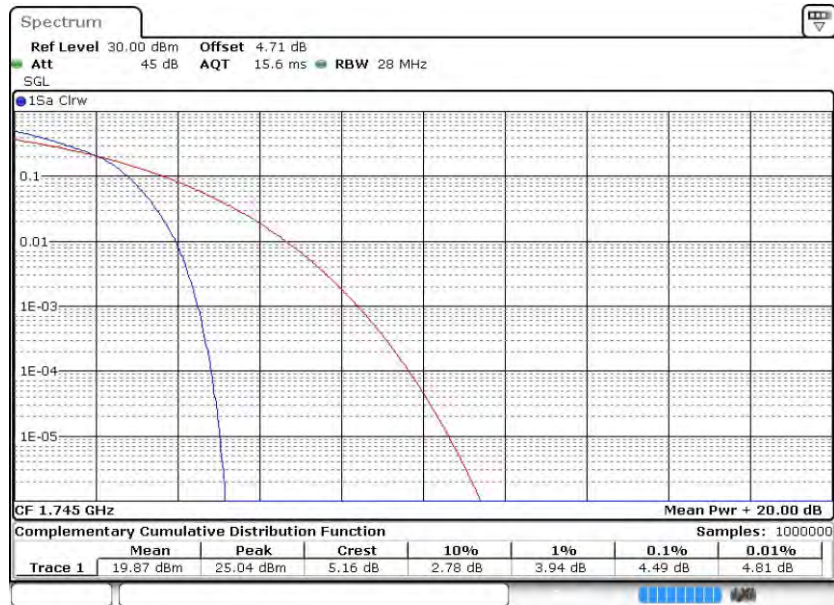
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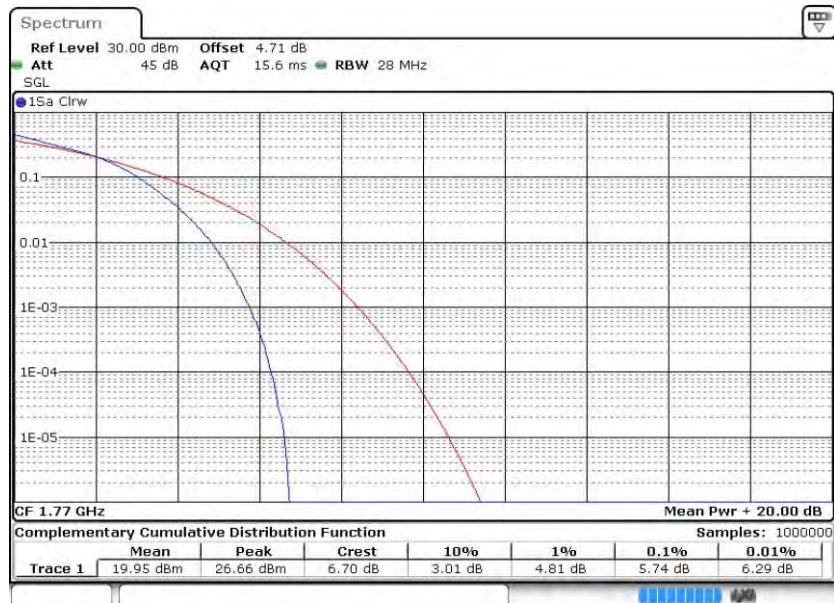
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## Band66-20MHz-16QAM-132322-100RB#0



Date: 16 JAN 2024 19:49:35

## Band66-20MHz-16QAM-132572-100RB#0



Date: 16 JAN 2024 19:50:10



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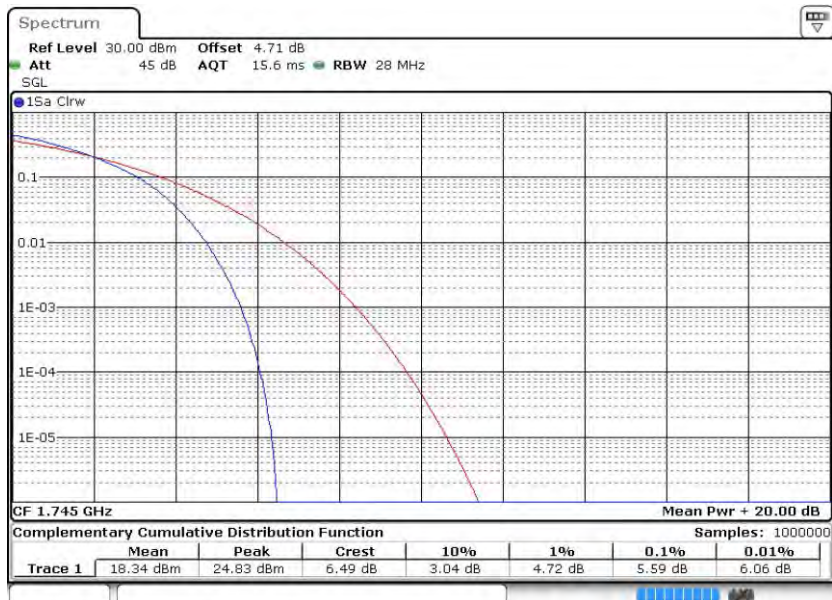
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## Band66-20MHz-64QAM-132072-100RB#0



Date: 25 JAN 2024 16:30:53

## Band66-20MHz-64QAM-132322-100RB#0



Date: 25 JAN 2024 16:31:09



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## Band66-20MHz-64QAM-132572-100RB#0



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 1.085                    | 1.28                 | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 1.091                    | 1.31                 | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 1.091                    | 1.30                 | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 1.1                      | 1.32                 | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 1.103                    | 1.35                 | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 1.103                    | 1.31                 | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 6RB#0            | 1.094                    | 1.31                 | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 132322  | 6RB#0            | 1.1                      | 1.33                 | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 132665  | 6RB#0            | 1.1                      | 1.33                 | PASS    |
| Band66 | 3MHz      | QPSK       | 131987  | 15RB#0           | 2.691                    | 3.29                 | PASS    |
| Band66 | 3MHz      | QPSK       | 132322  | 15RB#0           | 2.697                    | 2.93                 | PASS    |
| Band66 | 3MHz      | QPSK       | 132657  | 15RB#0           | 2.697                    | 2.93                 | PASS    |
| Band66 | 3MHz      | 16QAM      | 131987  | 15RB#0           | 2.673                    | 2.91                 | PASS    |
| Band66 | 3MHz      | 16QAM      | 132322  | 15RB#0           | 2.685                    | 3.02                 | PASS    |
| Band66 | 3MHz      | 16QAM      | 132657  | 15RB#0           | 2.685                    | 2.93                 | PASS    |
| Band66 | 3MHz      | 64QAM      | 131987  | 15RB#0           | 2.679                    | 2.90                 | PASS    |
| Band66 | 3MHz      | 64QAM      | 132322  | 15RB#0           | 2.685                    | 2.90                 | PASS    |
| Band66 | 3MHz      | 64QAM      | 132657  | 15RB#0           | 2.679                    | 2.90                 | PASS    |
| Band66 | 5MHz      | QPSK       | 131997  | 25RB#0           | 4.476                    | 5.10                 | PASS    |
| Band66 | 5MHz      | QPSK       | 132322  | 25RB#0           | 4.486                    | 5.38                 | PASS    |
| Band66 | 5MHz      | QPSK       | 132647  | 25RB#0           | 4.476                    | 5.34                 | PASS    |
| Band66 | 5MHz      | 16QAM      | 131997  | 25RB#0           | 4.476                    | 5.08                 | PASS    |
| Band66 | 5MHz      | 16QAM      | 132322  | 25RB#0           | 4.476                    | 5.11                 | PASS    |
| Band66 | 5MHz      | 16QAM      | 132647  | 25RB#0           | 4.476                    | 5.06                 | PASS    |
| Band66 | 5MHz      | 64QAM      | 131997  | 25RB#0           | 4.486                    | 5.07                 | PASS    |
| Band66 | 5MHz      | 64QAM      | 132322  | 25RB#0           | 4.496                    | 5.06                 | PASS    |
| Band66 | 5MHz      | 64QAM      | 132647  | 25RB#0           | 4.486                    | 5.07                 | PASS    |
| Band66 | 10MHz     | QPSK       | 132022  | 50RB#0           | 8.951                    | 9.86                 | PASS    |
| Band66 | 10MHz     | QPSK       | 132322  | 50RB#0           | 8.971                    | 12.36                | PASS    |



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|        |       |       |        |         |        |       |      |
|--------|-------|-------|--------|---------|--------|-------|------|
| Band66 | 10MHz | QPSK  | 132622 | 50RB#0  | 8.971  | 9.94  | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0  | 8.911  | 9.82  | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0  | 8.951  | 10.00 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0  | 8.931  | 9.92  | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 50RB#0  | 8.931  | 9.84  | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 50RB#0  | 8.951  | 9.90  | PASS |
| Band66 | 10MHz | 64QAM | 132622 | 50RB#0  | 8.951  | 9.88  | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 75RB#0  | 13.516 | 15.03 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 75RB#0  | 13.546 | 15.48 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 75RB#0  | 13.546 | 15.18 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0  | 13.487 | 15.00 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0  | 13.576 | 15.27 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0  | 13.516 | 15.18 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 75RB#0  | 13.457 | 15.06 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 75RB#0  | 13.487 | 15.24 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 75RB#0  | 13.487 | 15.24 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 17.982 | 19.80 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 18.062 | 31.64 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 17.982 | 19.76 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 17.942 | 19.64 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 17.982 | 19.88 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 17.942 | 19.72 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 100RB#0 | 17.942 | 19.72 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 100RB#0 | 17.982 | 19.80 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 100RB#0 | 17.942 | 19.76 | PASS |



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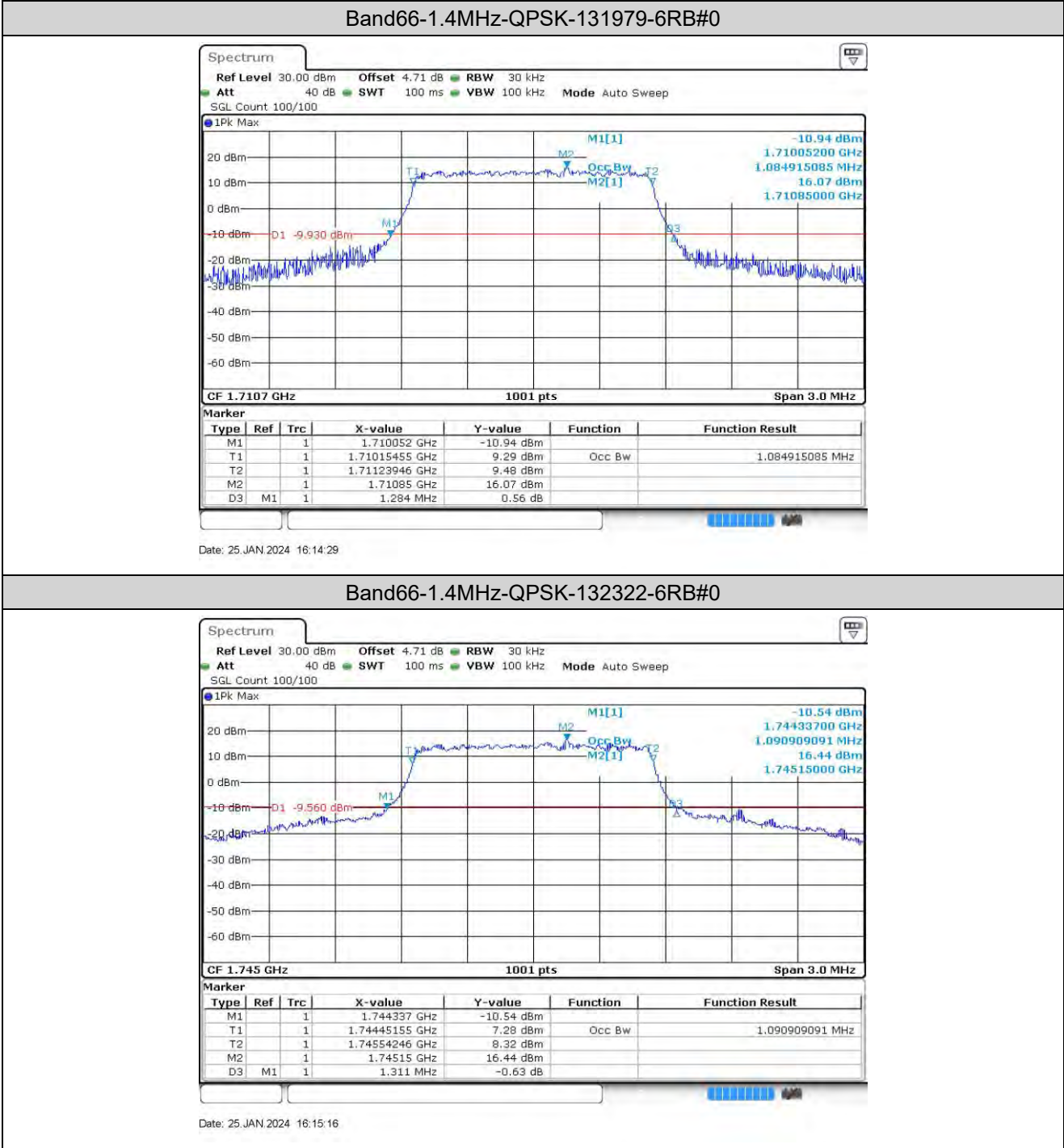
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Test Graphs



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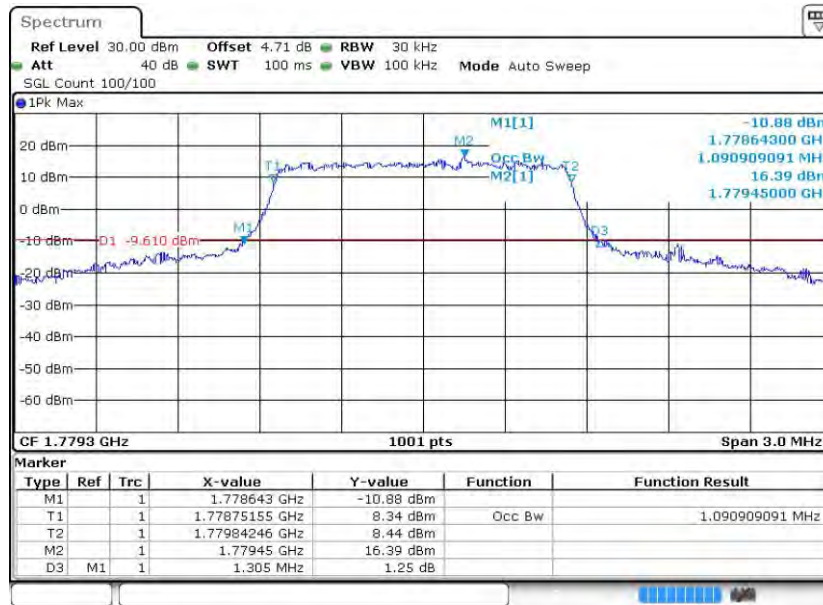
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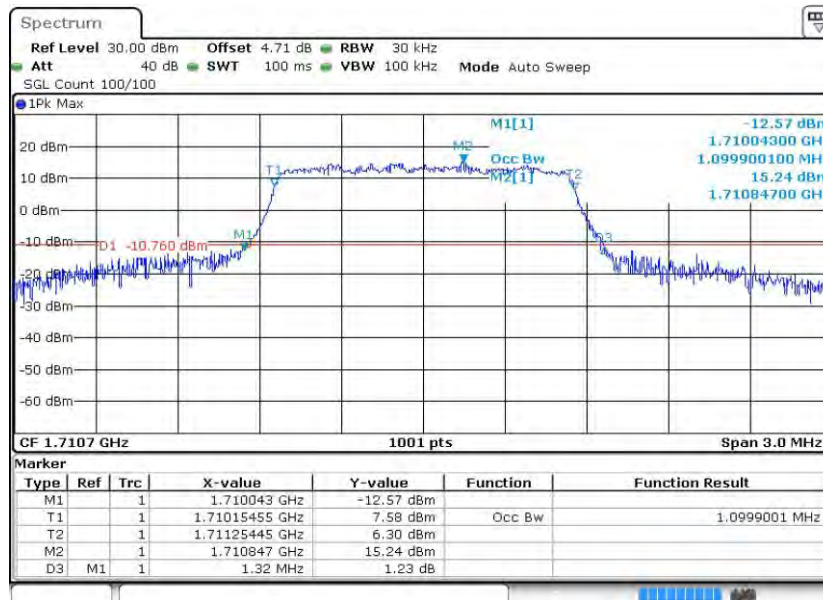
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## Band66-1.4MHz-QPSK-132665-6RB#0



Date: 25 JAN 2024 16:16:03

## Band66-1.4MHz-16QAM-131979-6RB#0



Date: 25 JAN 2024 16:14:52



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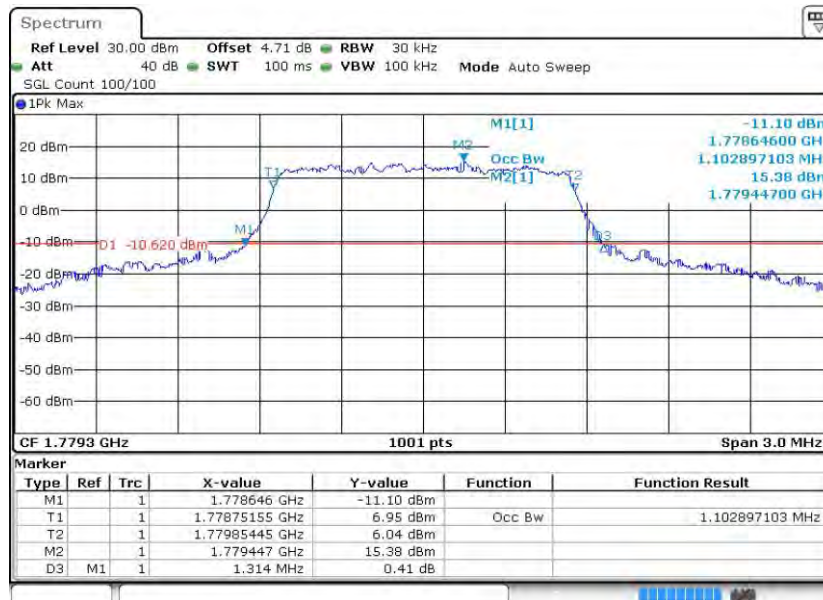
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## Band66-1.4MHz-16QAM-132322-6RB#0



Date: 25 JAN 2024 16:15:39

## Band66-1.4MHz-16QAM-132665-6RB#0



Date: 25 JAN 2024 16:16:26



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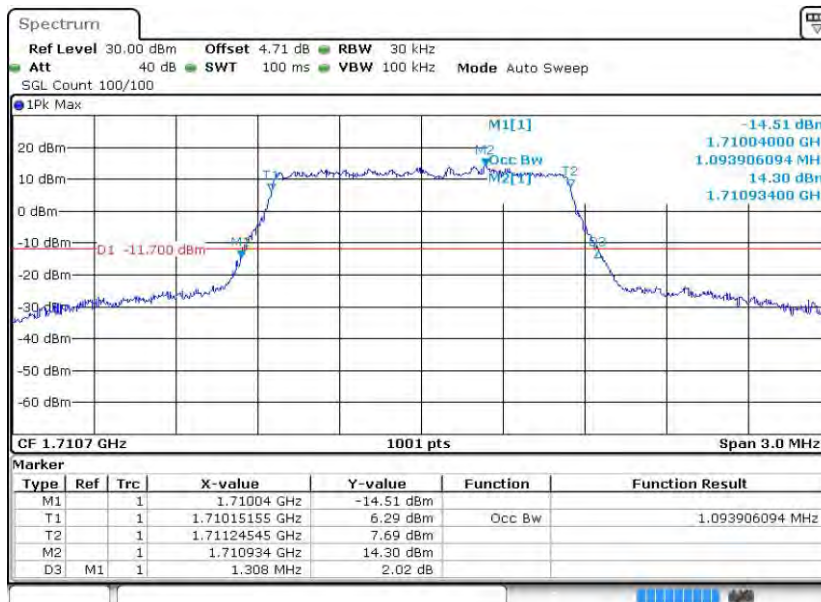
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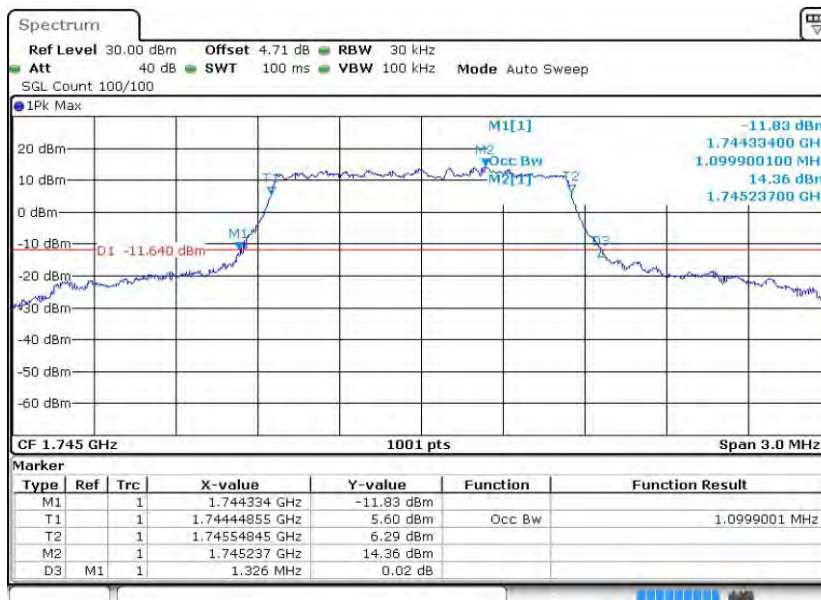
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## Band66-1.4MHz-64QAM-131979-6RB#0



Date: 26 JAN 2024 09:12:29

## Band66-1.4MHz-64QAM-132322-6RB#0



Date: 26 JAN 2024 09:12:52



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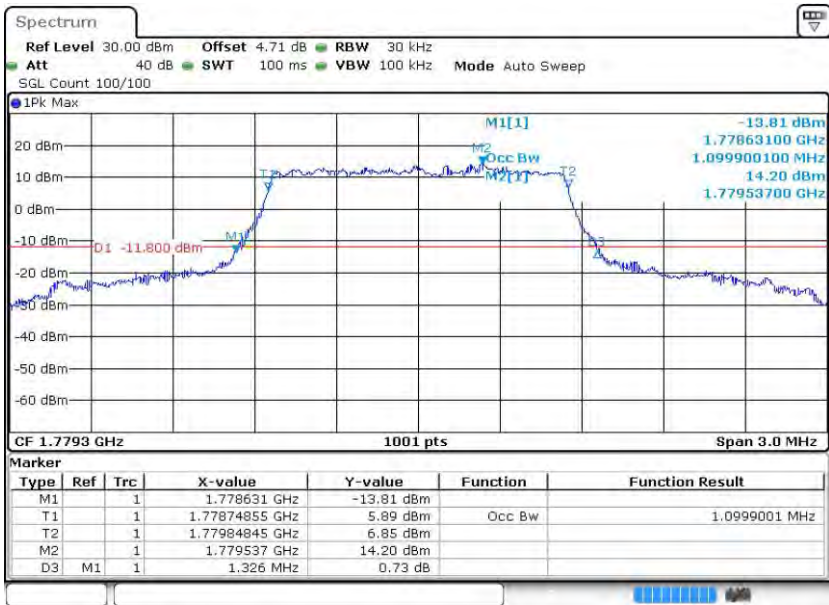
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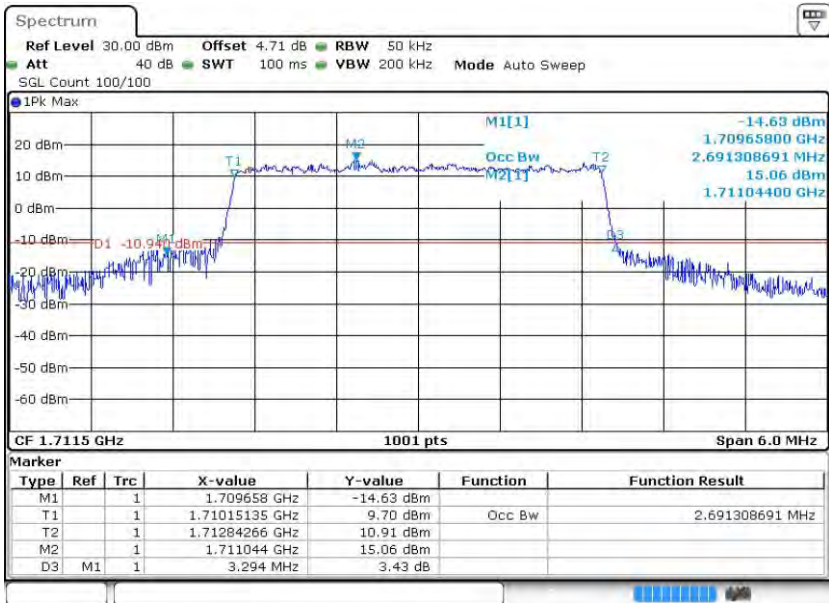
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## Band66-1.4MHz-64QAM-132665-6RB#0



Date: 26 JAN 2024 09:13:15

## Band66-3MHz-QPSK-131987-15RB#0



Date: 25 JAN 2024 16:17:11



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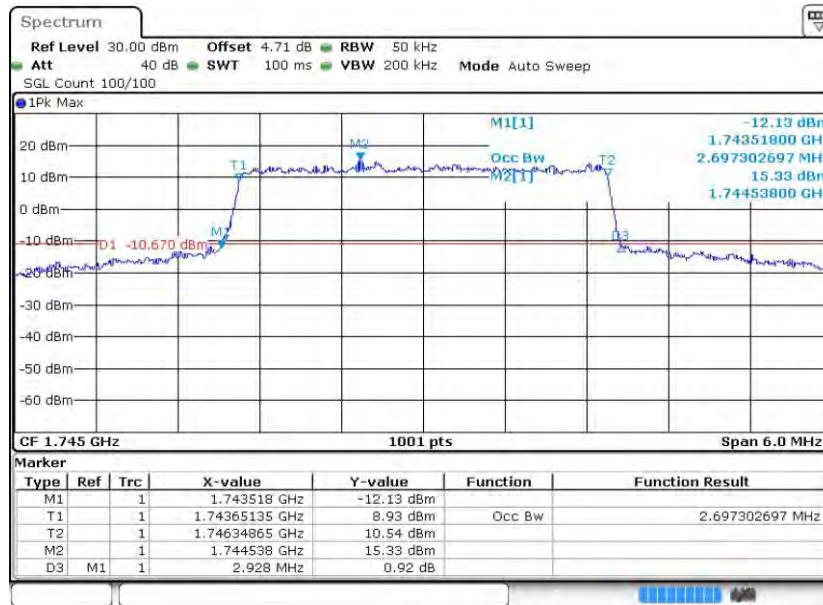
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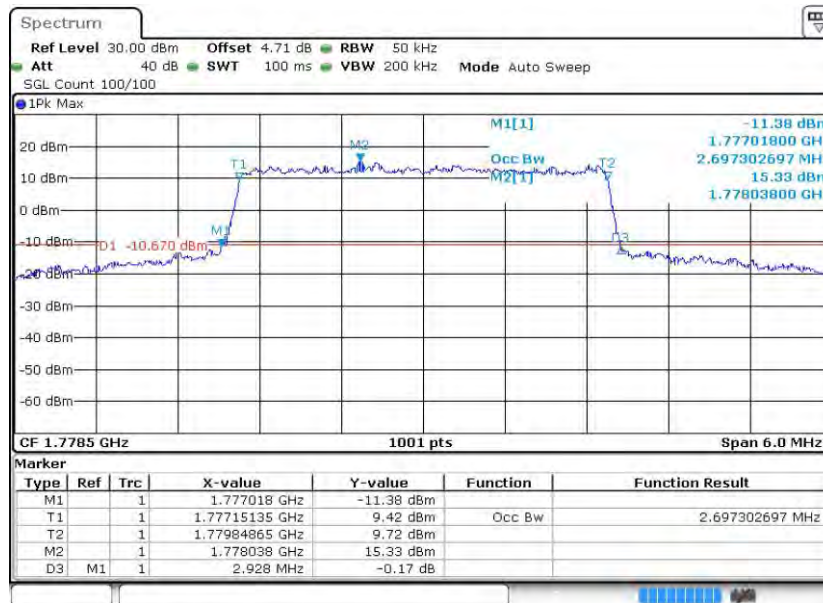
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## Band66-3MHz-QPSK-132322-15RB#0



Date: 25 JAN 2024 16:17:57

## Band66-3MHz-QPSK-132657-15RB#0



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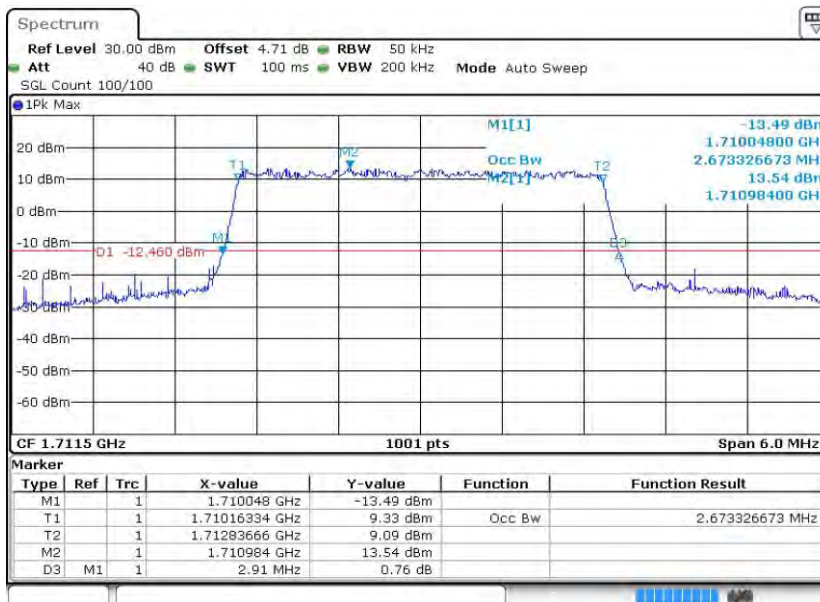
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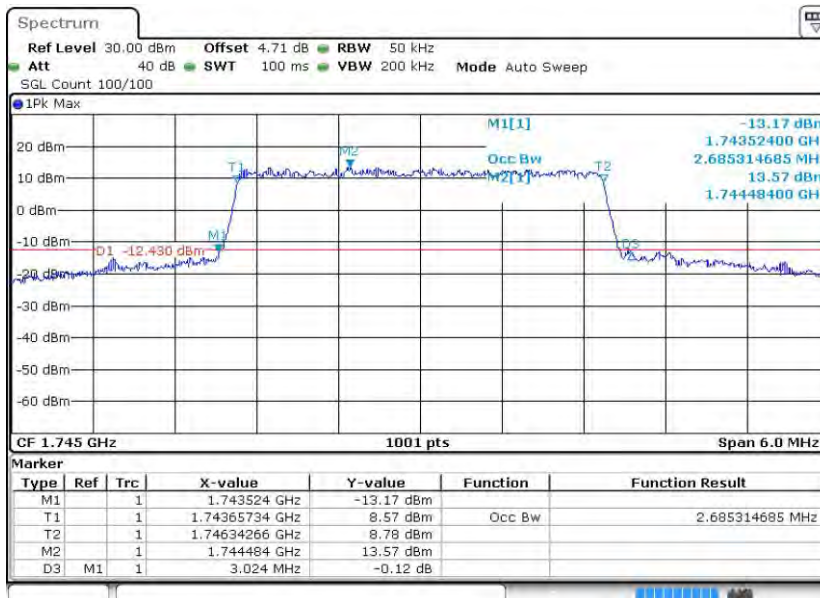
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## Band66-3MHz-16QAM-131987-15RB#0



Date: 25 JAN 2024 16:17:34

## Band66-3MHz-16QAM-132322-15RB#0



Date: 25 JAN 2024 16:18:21



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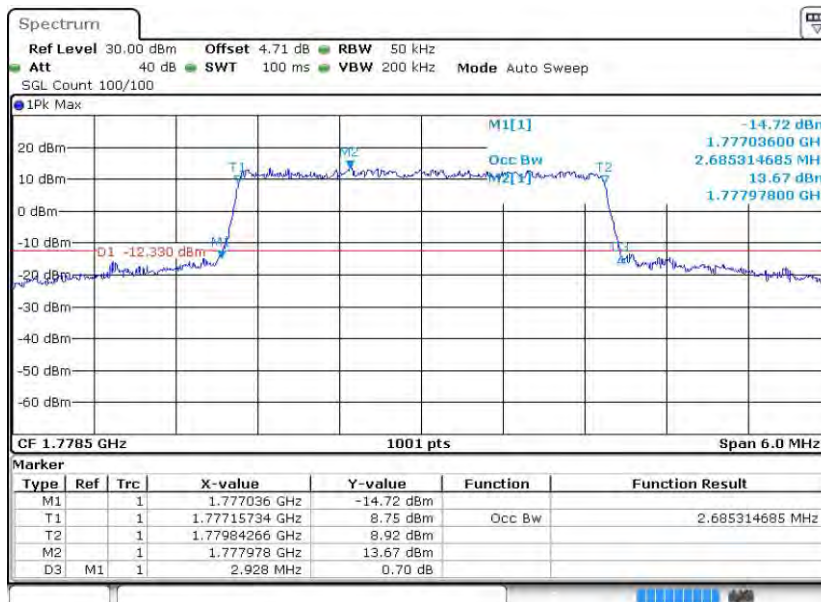
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Report No.: ZEWM2312001976RG01

Rev.: 01

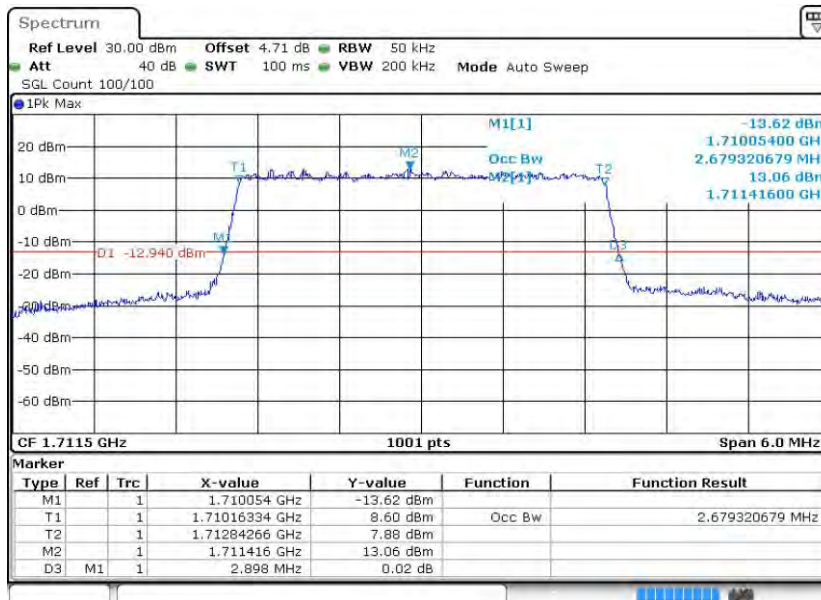
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## Band66-3MHz-16QAM-132657-15RB#0



Date: 25 JAN 2024 16:19:07

## Band66-3MHz-64QAM-131987-15RB#0



Date: 26 JAN 2024 09:13:59



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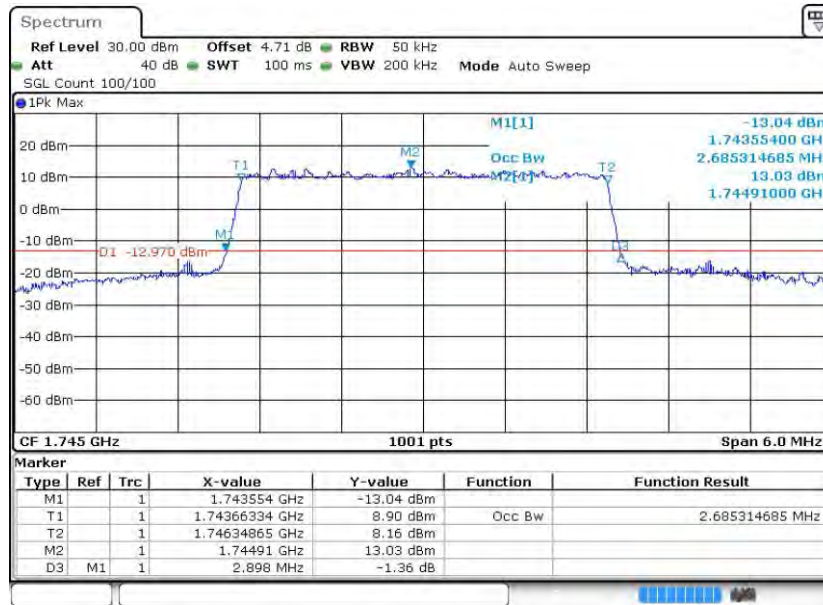
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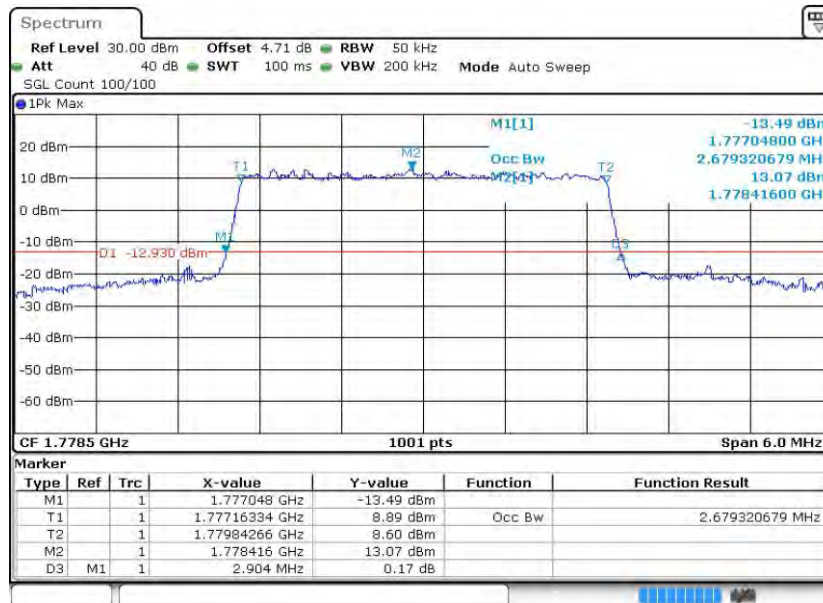
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## Band66-3MHz-64QAM-132322-15RB#0



Date: 26 JAN 2024 09:14:22

## Band66-3MHz-64QAM-132657-15RB#0



Date: 26 JAN 2024 09:14:46



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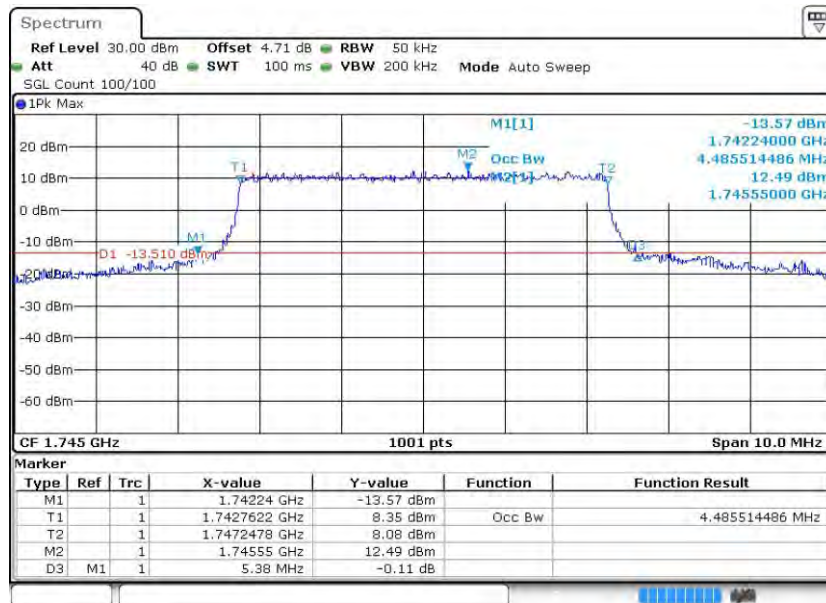
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## Band66-5MHz-QPSK-131997-25RB#0



Date: 25 JAN 2024 16:19:52

## Band66-5MHz-QPSK-132322-25RB#0



Date: 25 JAN 2024 16:20:39



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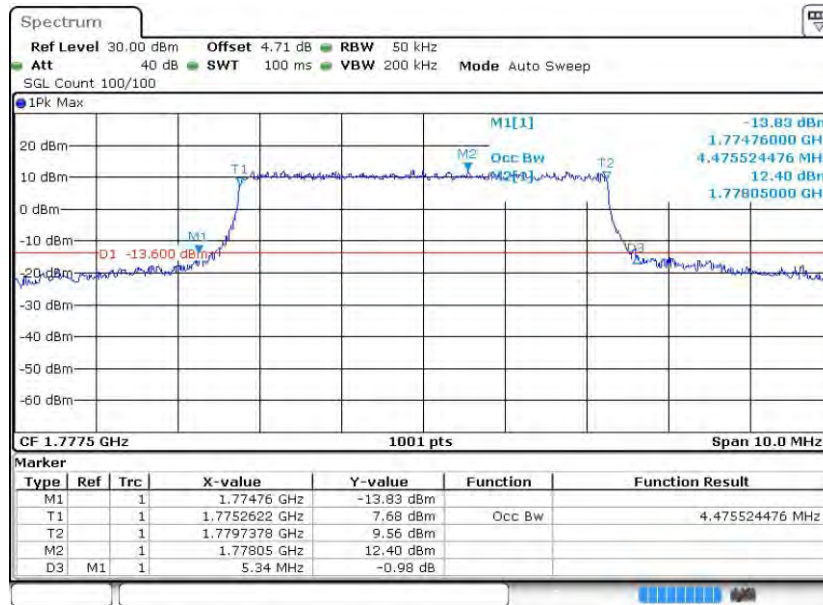
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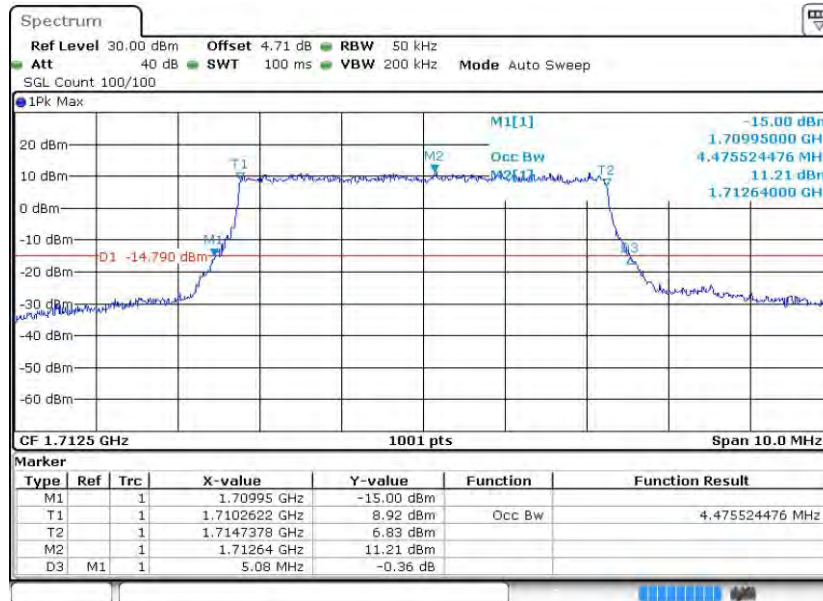
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## Band66-5MHz-QPSK-132647-25RB#0



Date: 25 JAN 2024 16:21:27

## Band66-5MHz-16QAM-131997-25RB#0



Date: 25 JAN 2024 16:20:16



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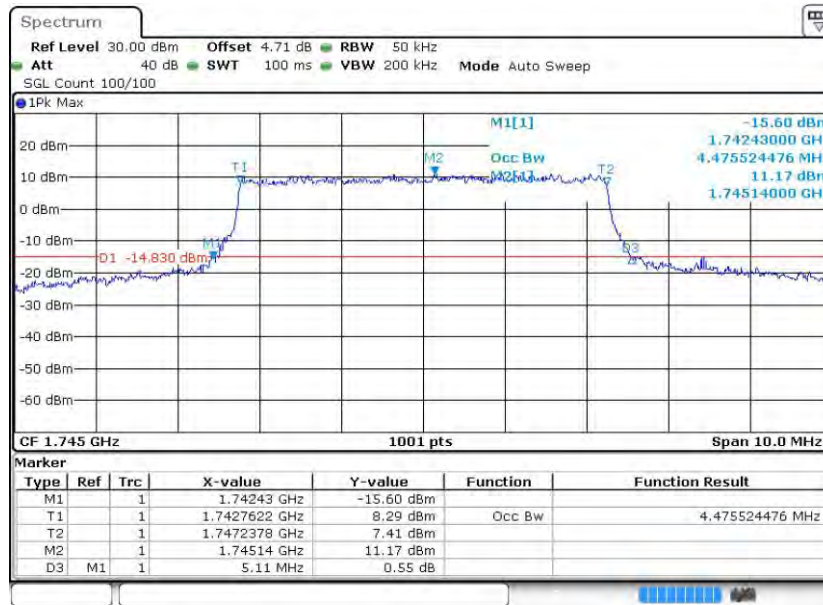
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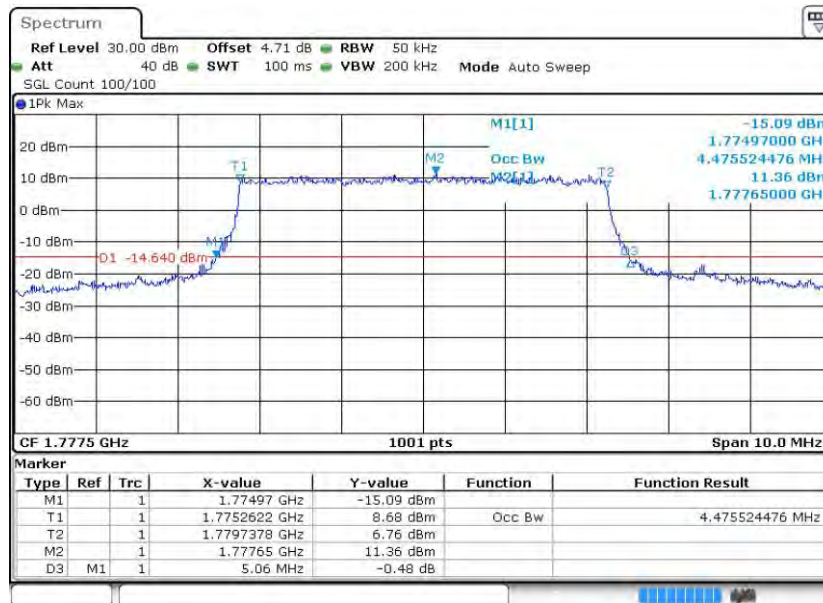
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## Band66-5MHz-16QAM-132322-25RB#0



Date: 25 JAN 2024 16:21:02

## Band66-5MHz-16QAM-132647-25RB#0



Date: 25 JAN 2024 16:21:52



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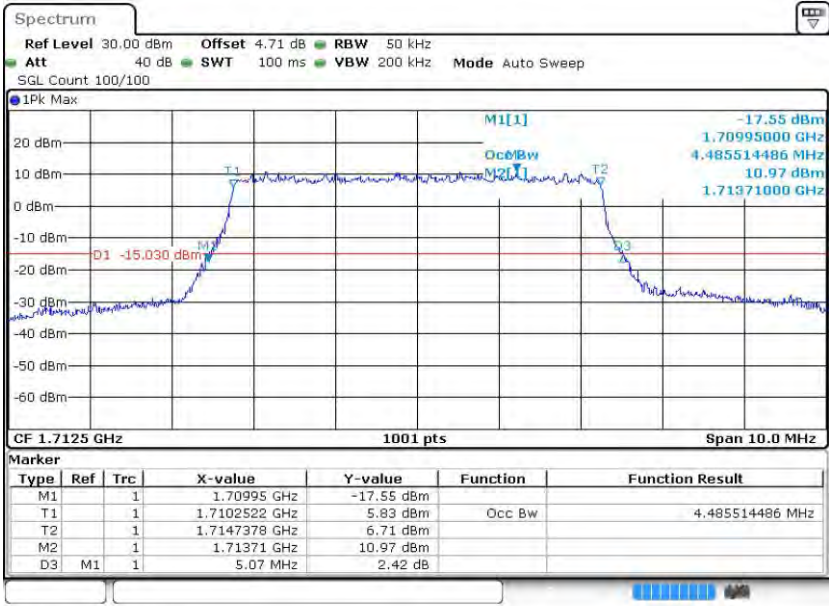
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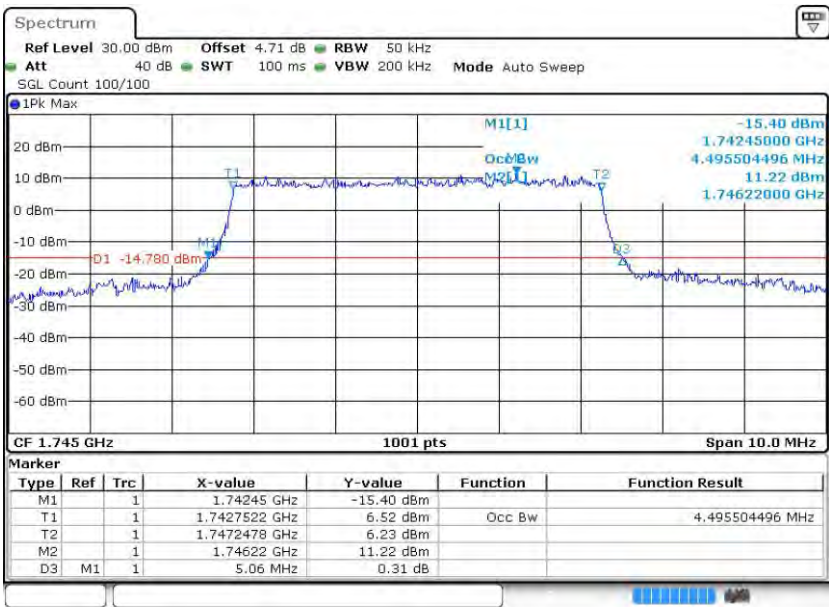
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## Band66-5MHz-64QAM-131997-25RB#0



## Band66-5MHz-64QAM-132322-25RB#0



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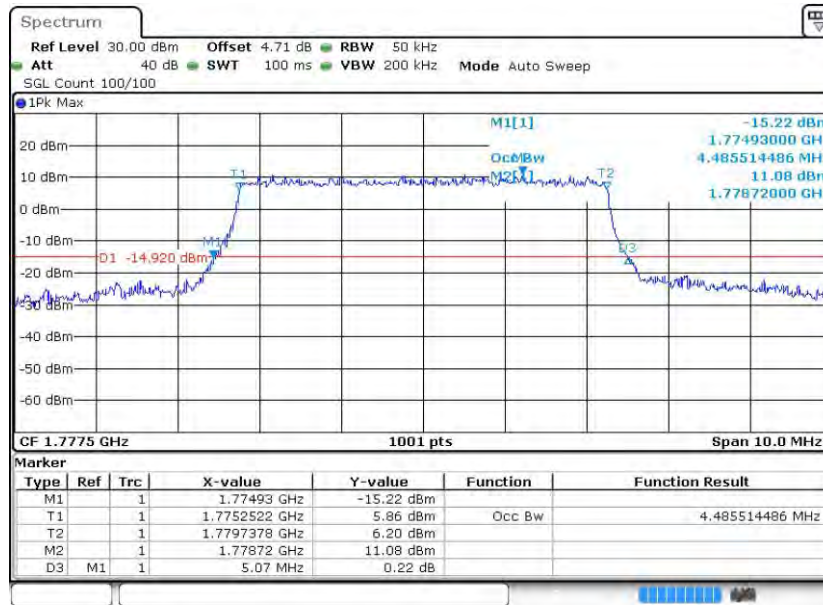
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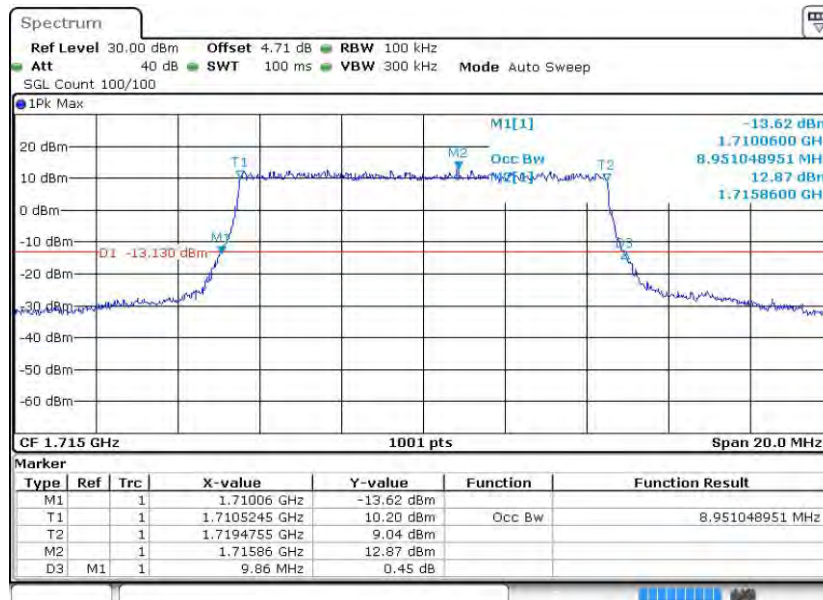
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## Band66-5MHz-64QAM-132647-25RB#0



Date: 26 JAN 2024 09:16:17

## Band66-10MHz-QPSK-132022-50RB#0



Date: 25 JAN 2024 16:22:37



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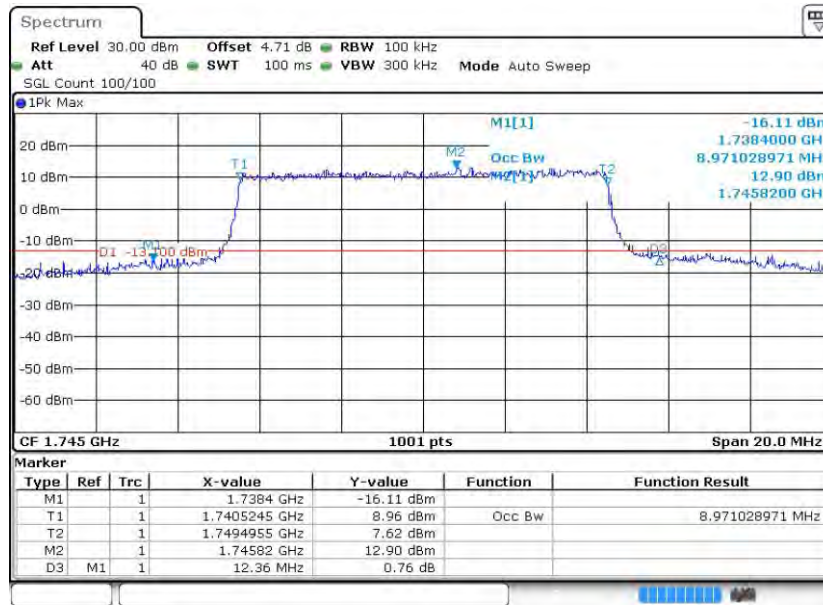
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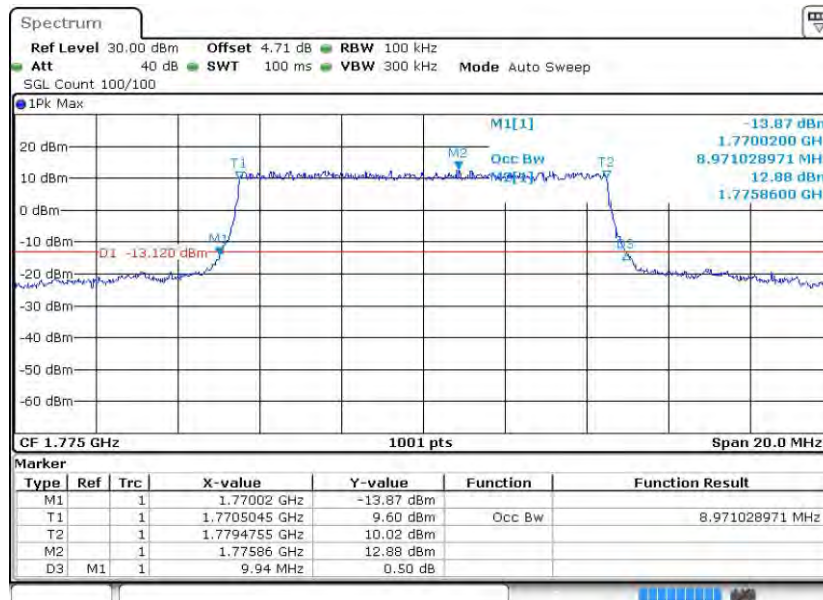
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## Band66-10MHz-QPSK-132322-50RB#0



Date: 25 JAN 2024 16:23:25

## Band66-10MHz-QPSK-132622-50RB#0



Date: 25 JAN 2024 16:24:14



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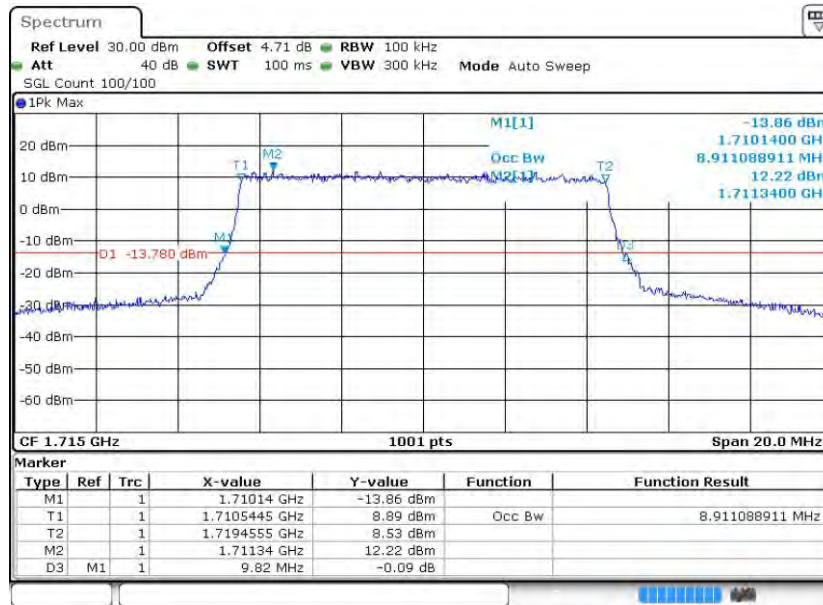
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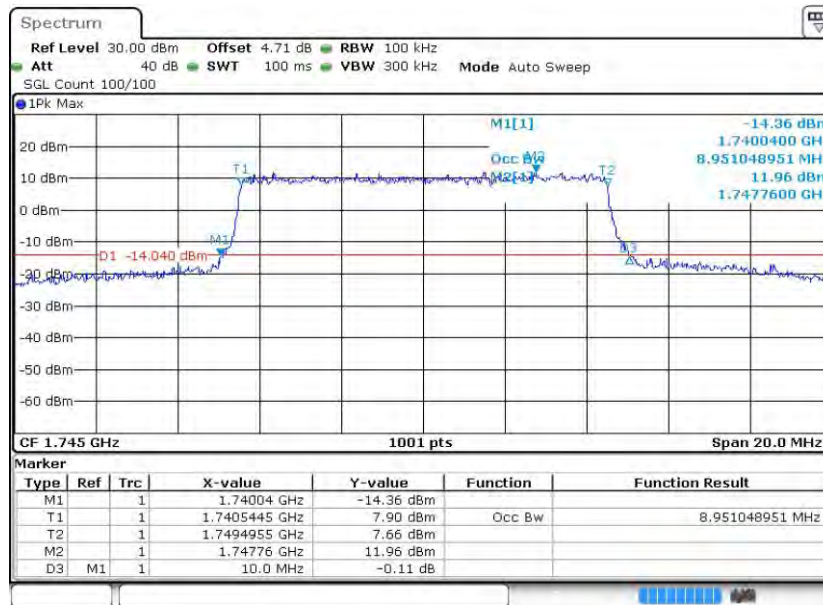
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## Band66-10MHz-16QAM-132022-50RB#0



## Band66-10MHz-16QAM-132322-50RB#0



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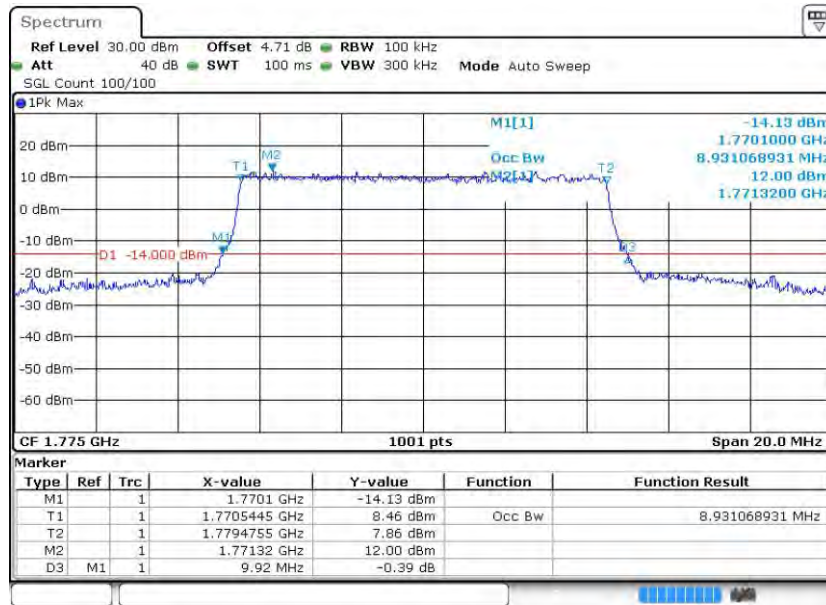
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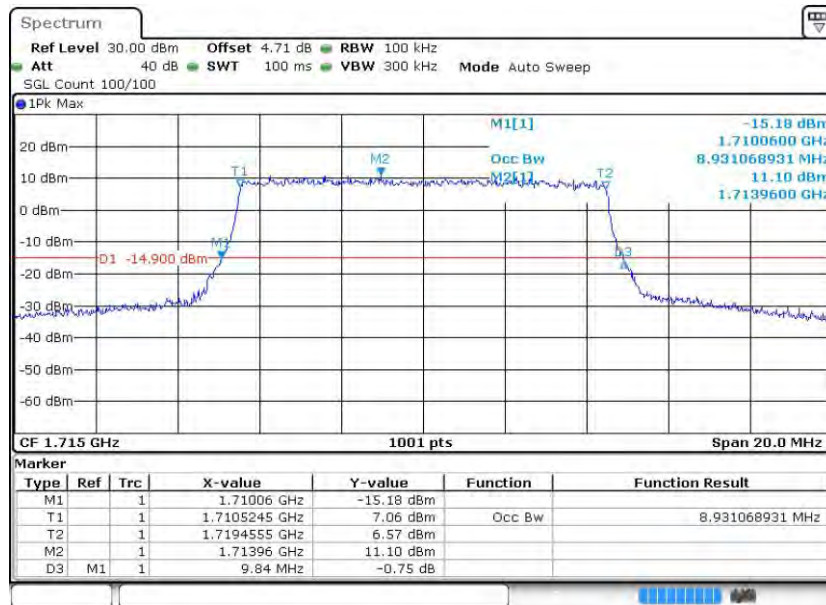
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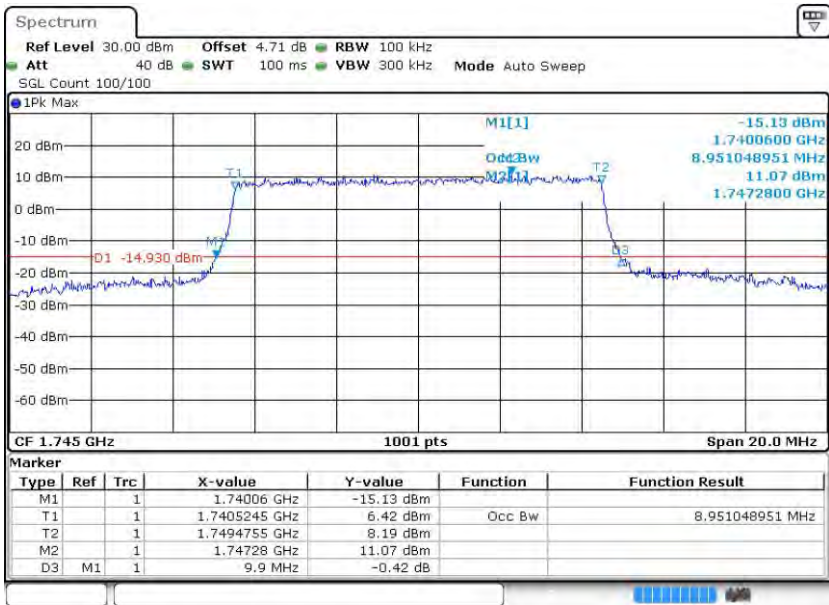
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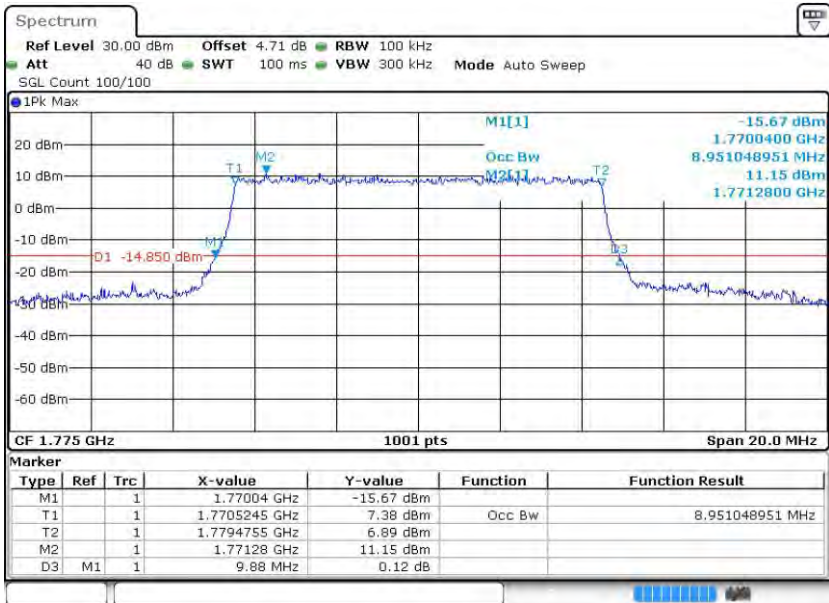
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Date: 26 JAN 2024 09:17:26

## Band66-10MHz-64QAM-132622-50RB#0



Date: 26 JAN 2024 09:17:50



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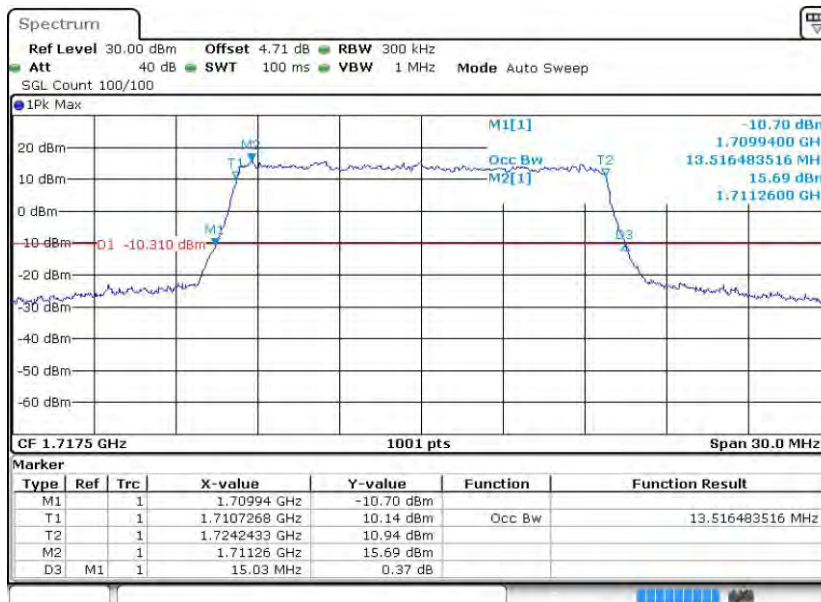
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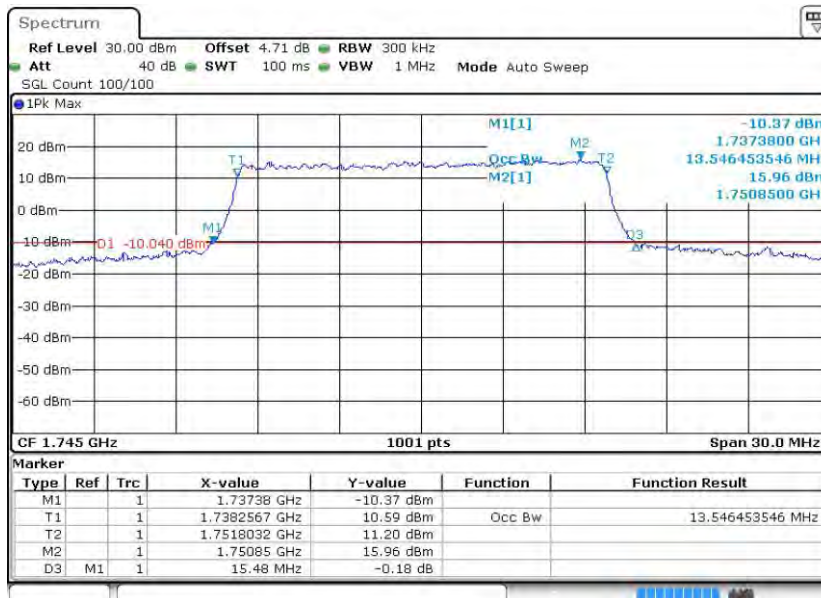
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## Band66-15MHz-QPSK-132047-75RB#0



Date: 26 JAN 2024 09:03:30

## Band66-15MHz-QPSK-132322-75RB#0



Date: 25 JAN 2024 16:26:15



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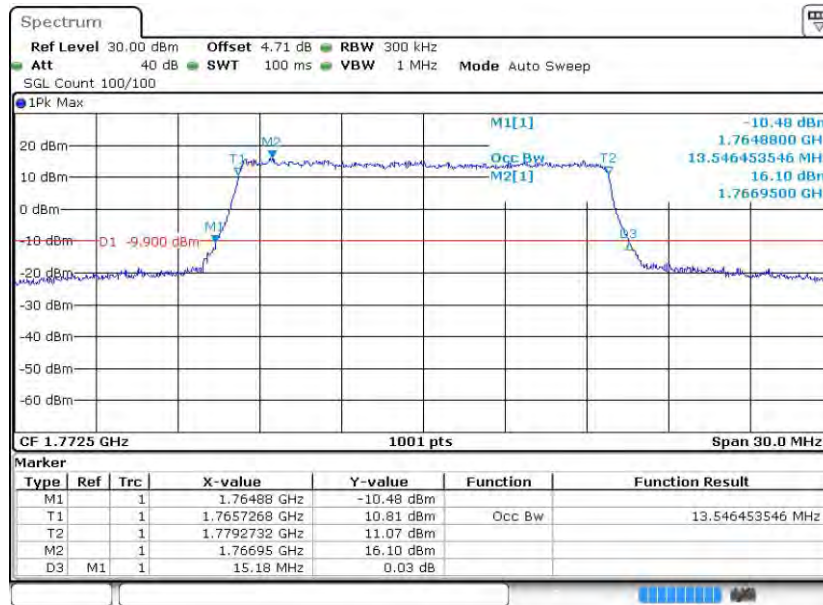
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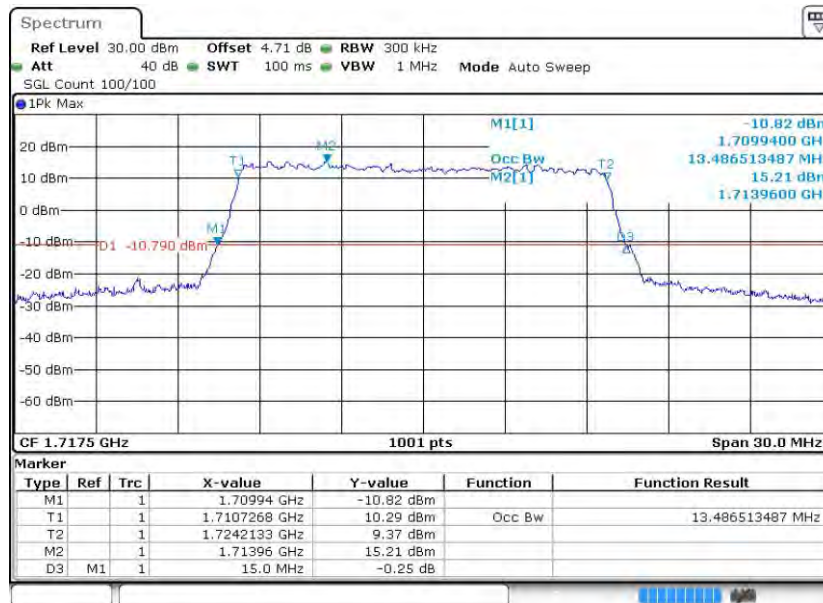
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## Band66-15MHz-QPSK-132597-75RB#0



Date: 25 JAN 2024 16:27:06

## Band66-15MHz-16QAM-132047-75RB#0



Date: 25 JAN 2024 16:25:48



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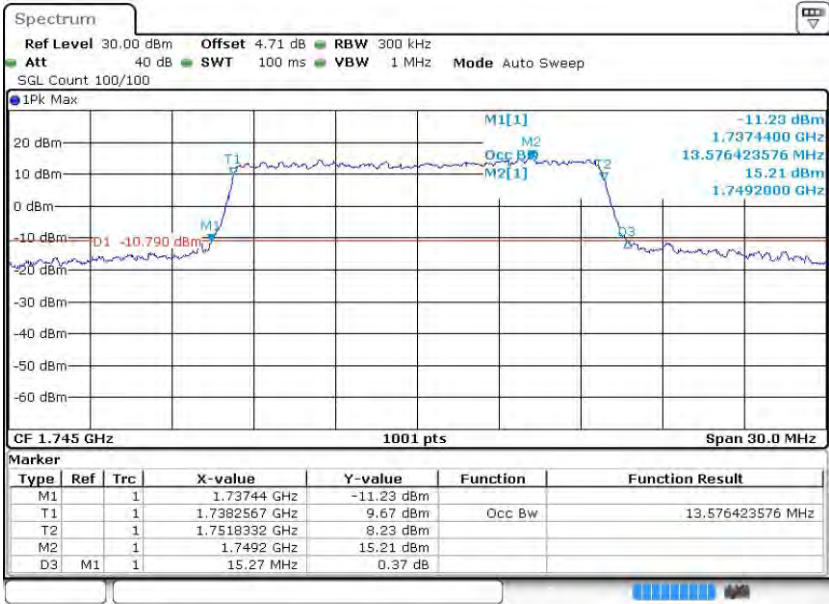
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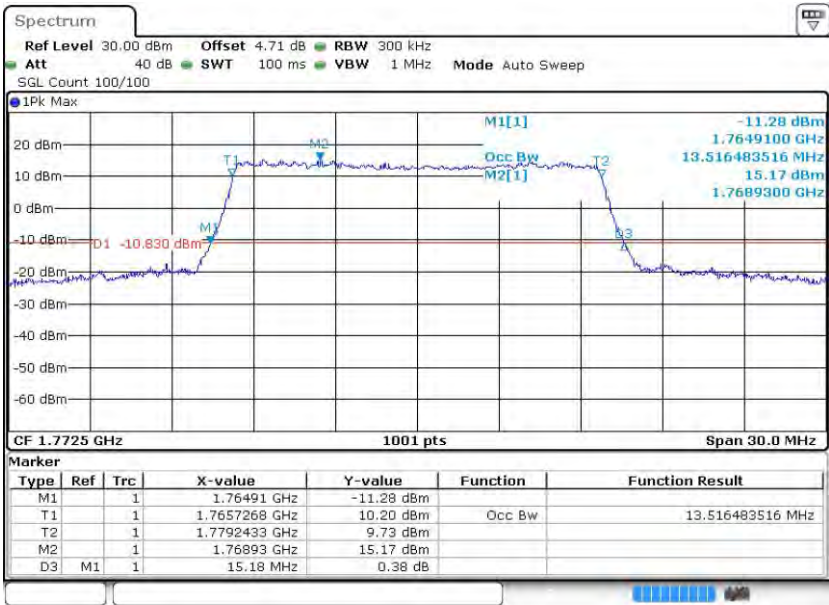
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**Band66-15MHz-16QAM-132322-75RB#0**



Date: 25 JAN 2024 16:26:38

**Band66-15MHz-16QAM-132597-75RB#0**



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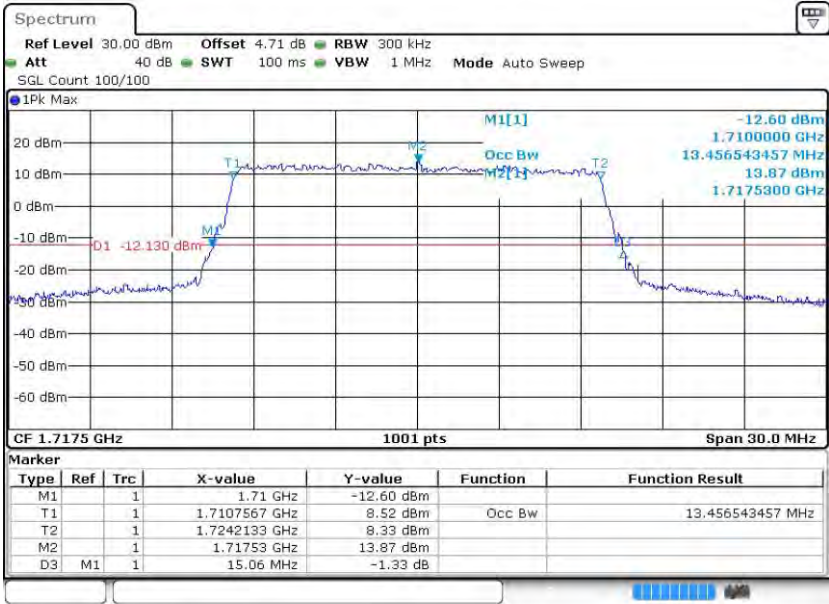
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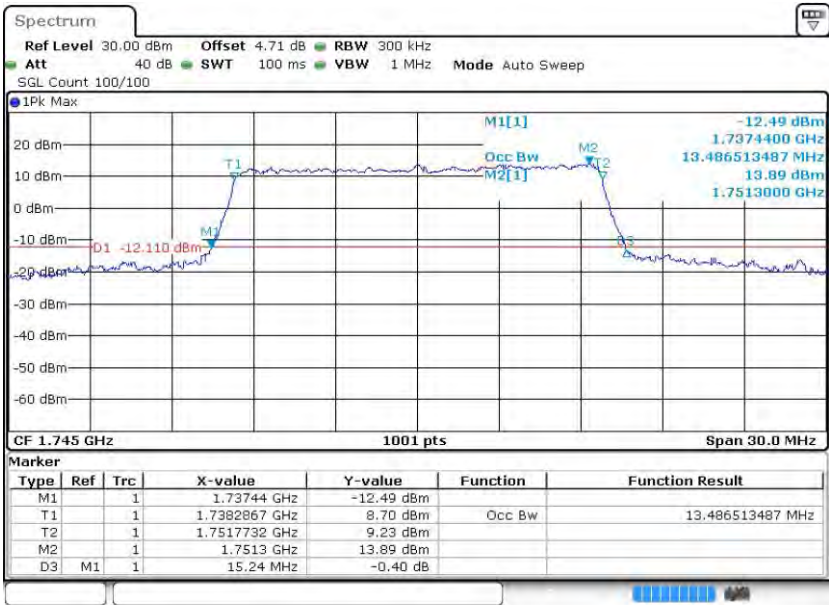
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**Band66-15MHz-64QAM-132047-75RB#0**



Date: 26 JAN 2024 09:18:46

**Band66-15MHz-64QAM-132322-75RB#0**



Date: 26 JAN 2024 09:19:10



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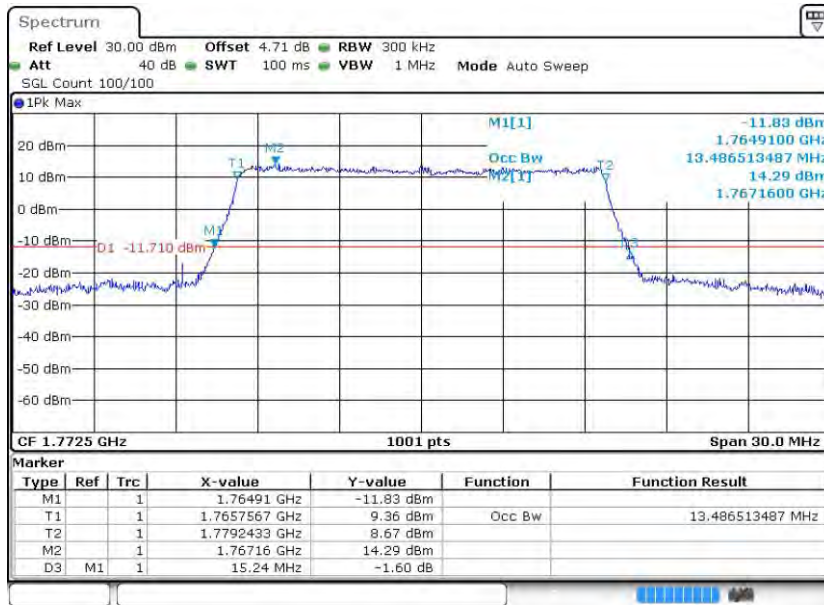
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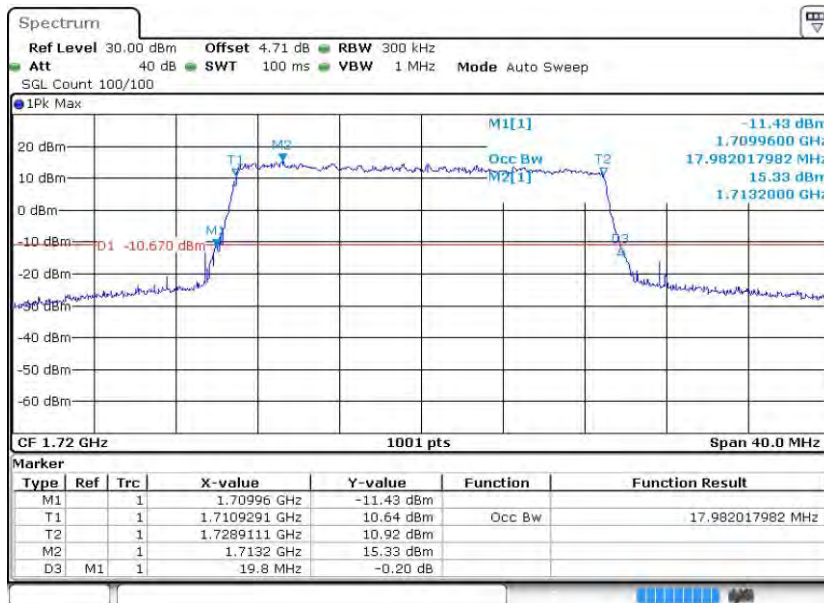
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## Band66-15MHz-64QAM-132597-75RB#0



Date: 26 JAN 2024 09:19:33

## Band66-20MHz-QPSK-132072-100RB#0



Date: 25 JAN 2024 16:28:14



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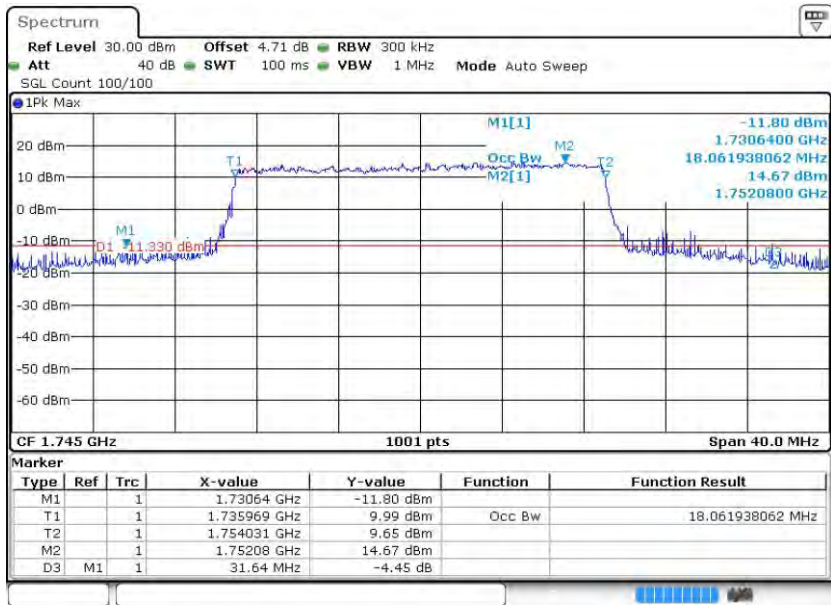
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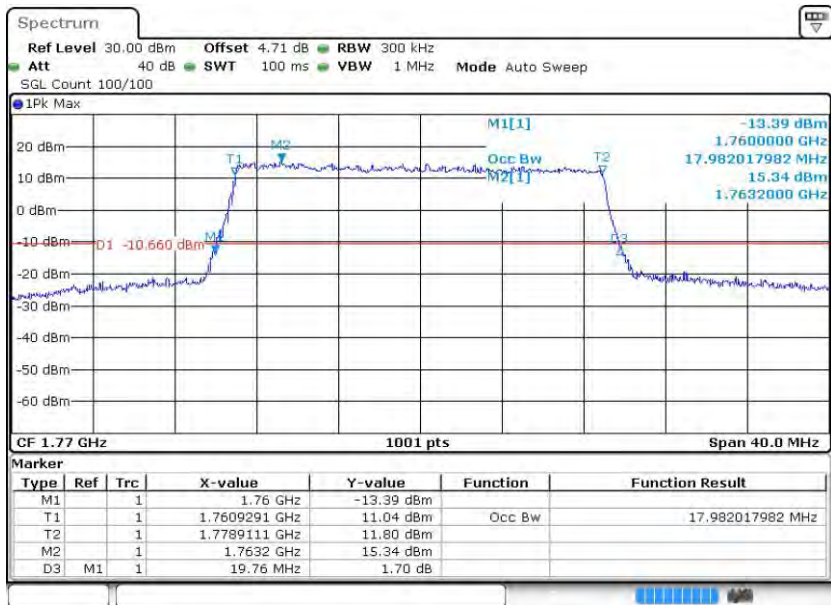
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## Band66-20MHz-QPSK-132322-100RB#0



Date: 25 JAN 2024 16:29:02

## Band66-20MHz-QPSK-132572-100RB#0



Date: 26 JAN 2024 09:04:16



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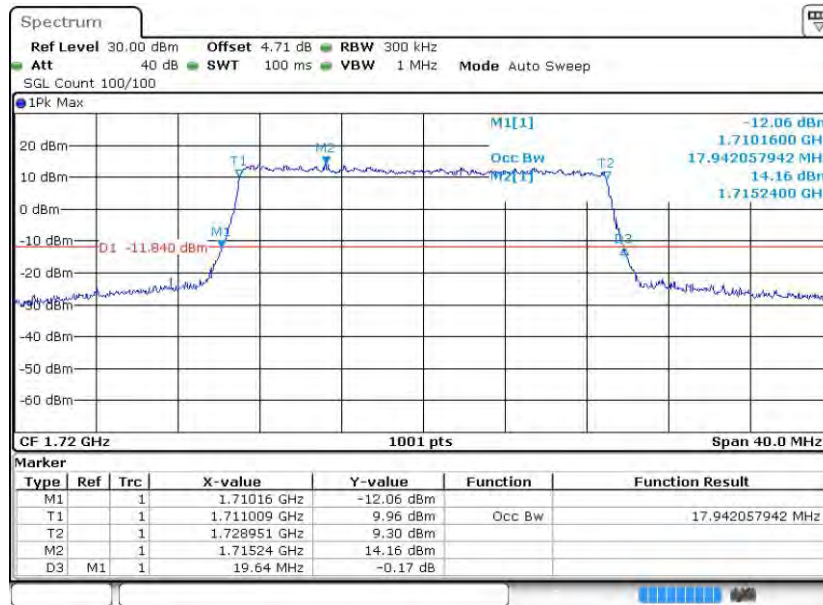
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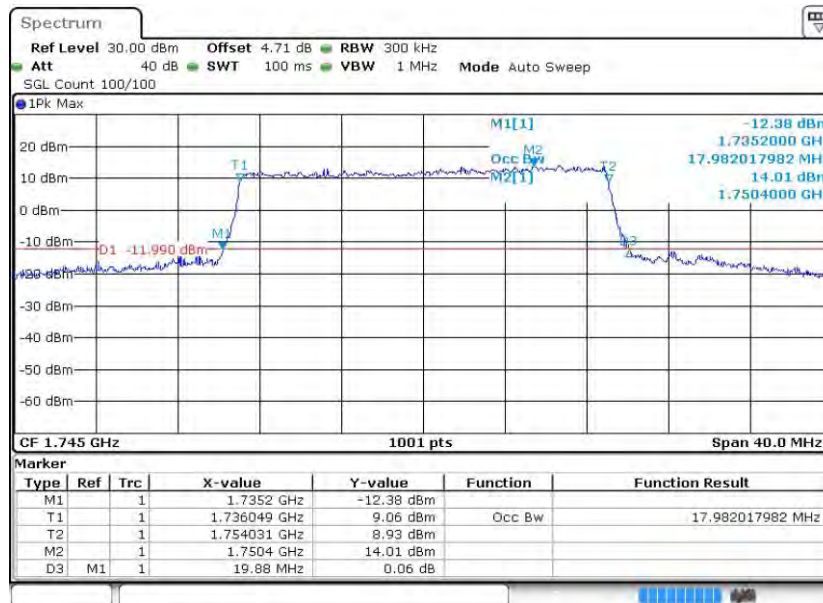
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## Band66-20MHz-16QAM-132072-100RB#0



Date: 25 JAN 2024 16:28:37

## Band66-20MHz-16QAM-132322-100RB#0



Date: 25 JAN 2024 16:29:26



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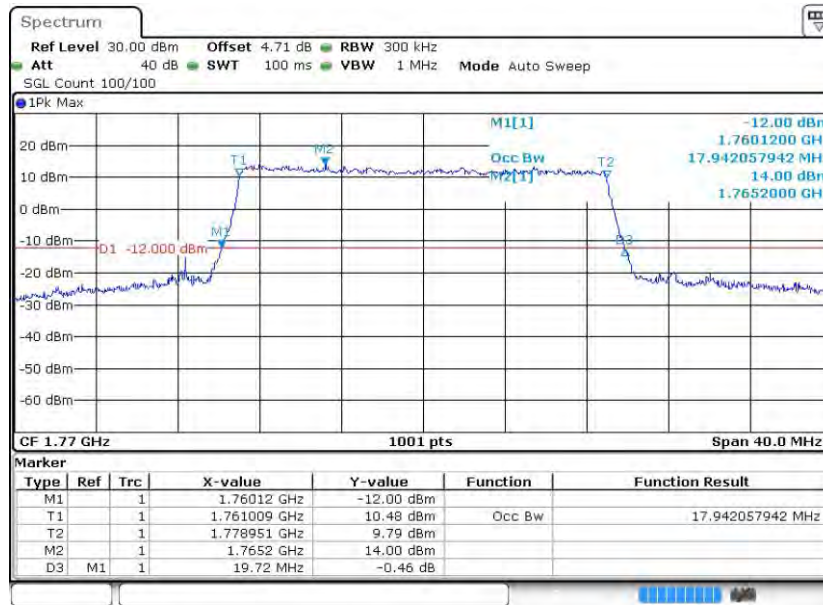
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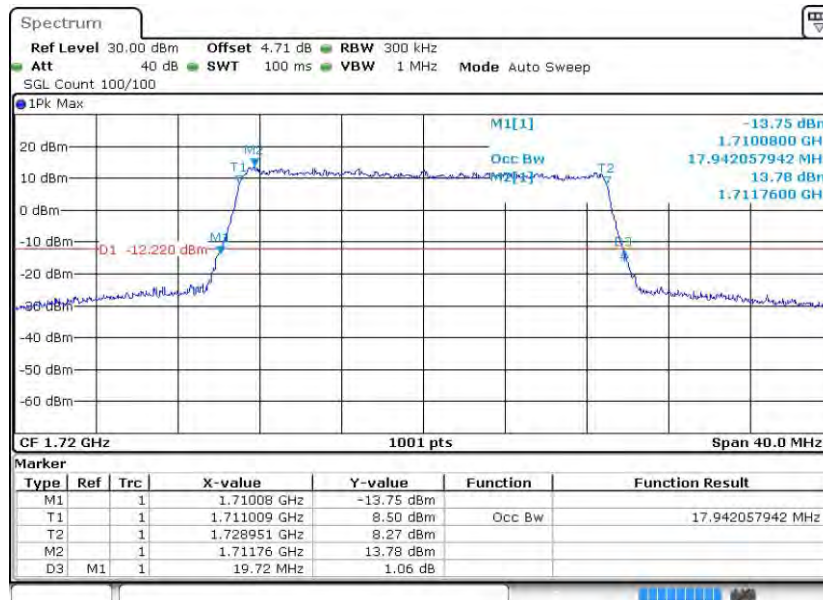
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## Band66-20MHz-16QAM-132572-100RB#0



Date: 25 JAN 2024 16:30:15

## Band66-20MHz-64QAM-132072-100RB#0



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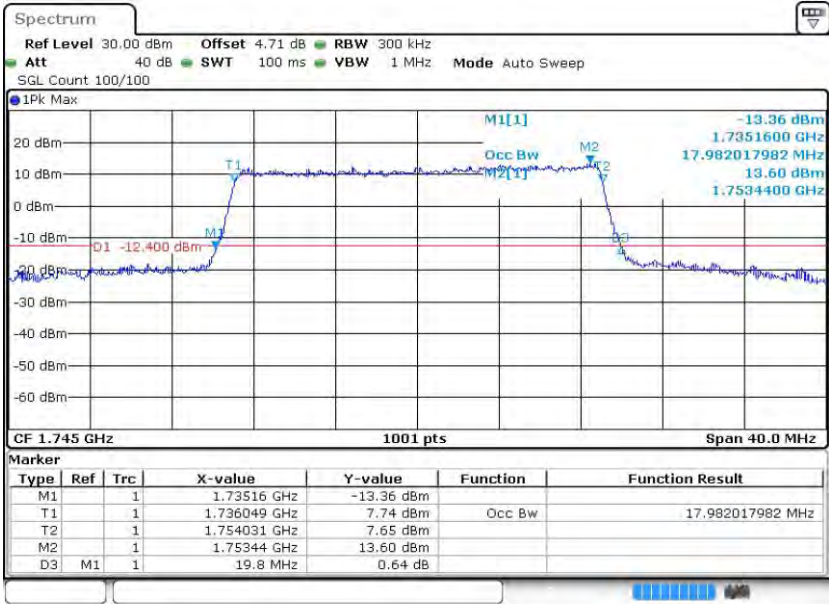
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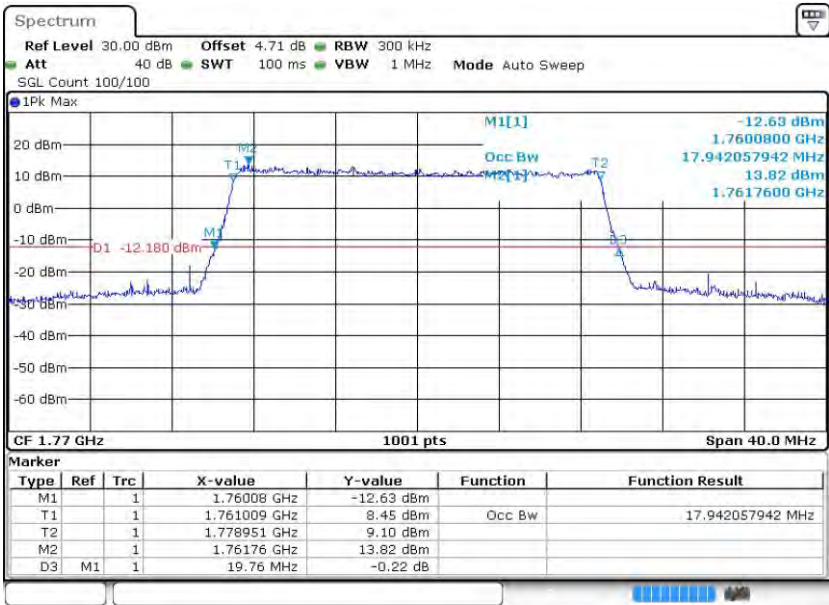
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**Band66-20MHz-64QAM-132322-100RB#0**



Date: 26 JAN 2024 09:20:40

**Band66-20MHz-64QAM-132572-100RB#0**



Date: 26 JAN 2024 09:21:03



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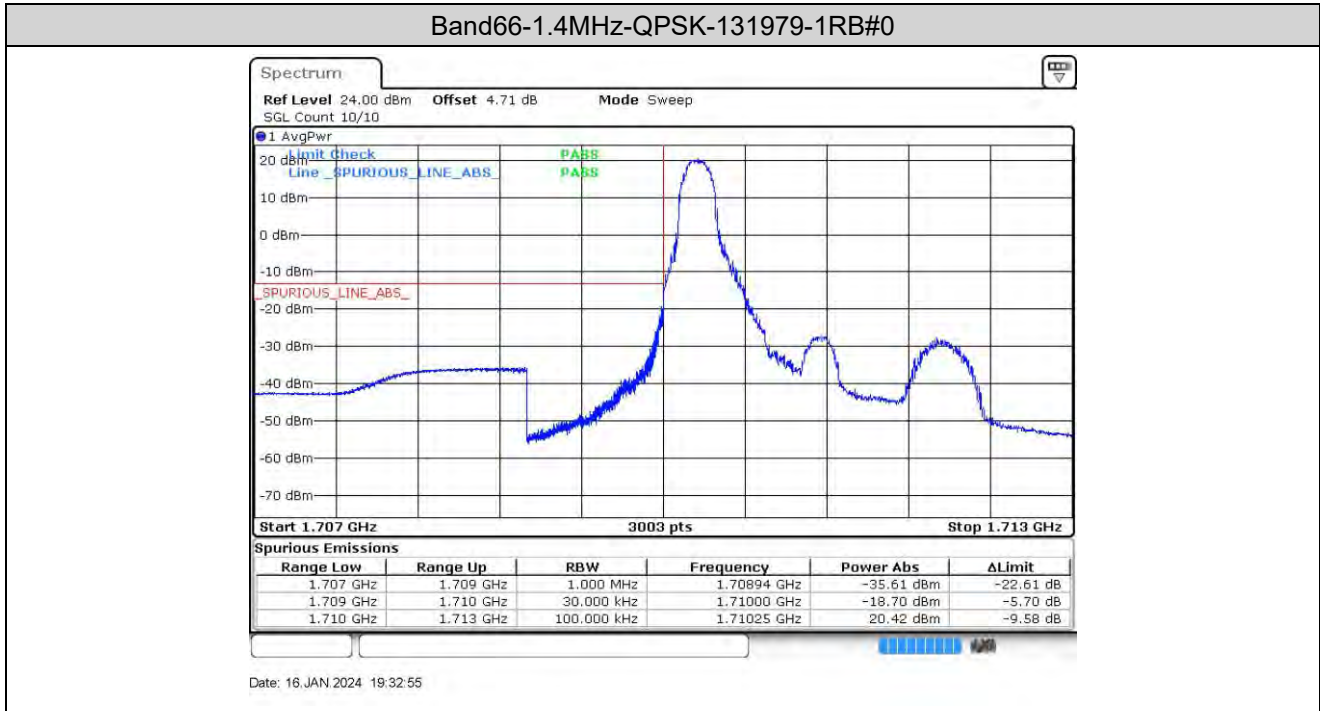


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## Band Edge

## Test Graphs



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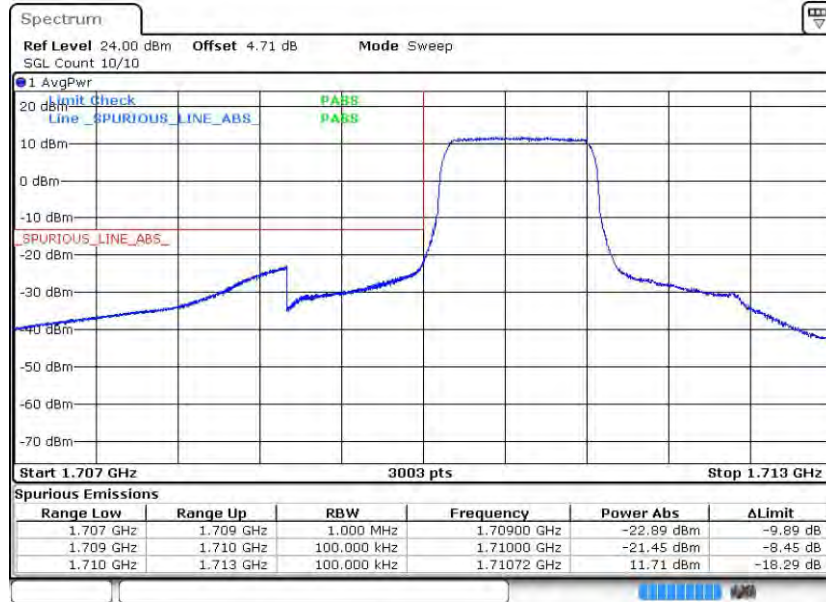
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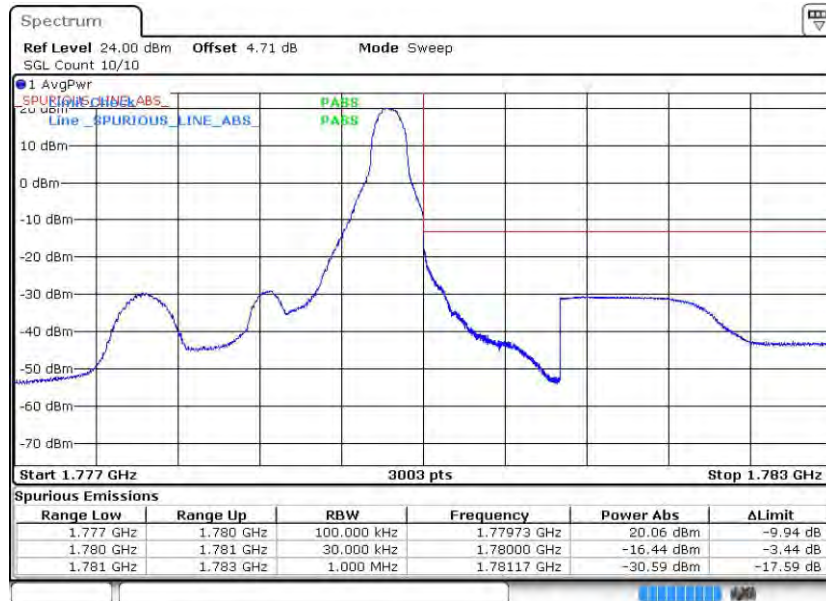
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## Band66-1.4MHz-QPSK-131979-6RB#0



Date: 16 JAN 2024 19:33:18

## Band66-1.4MHz-QPSK-132665-1RB#5



Date: 17 JAN 2024 10:39:59



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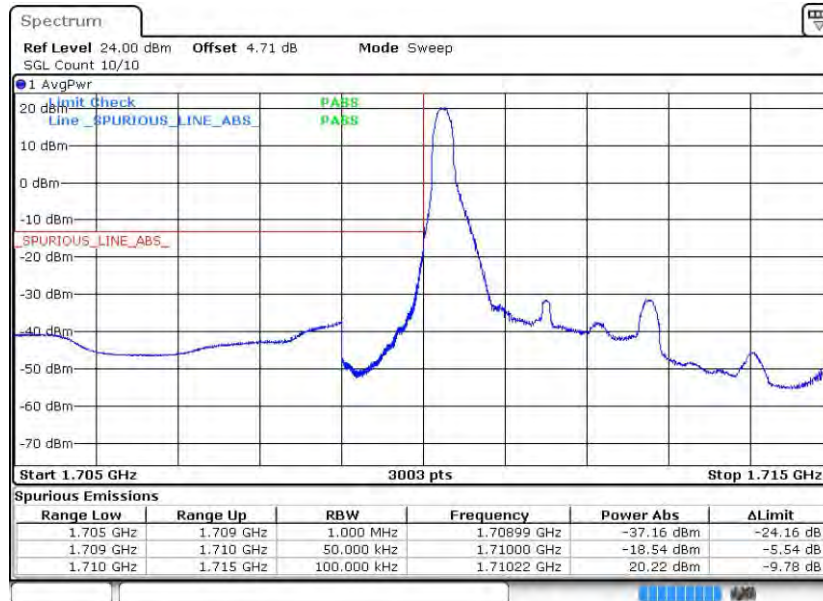
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## Band66-1.4MHz-QPSK-132665-6RB#0



## Band66-3MHz-QPSK-131987-1RB#0



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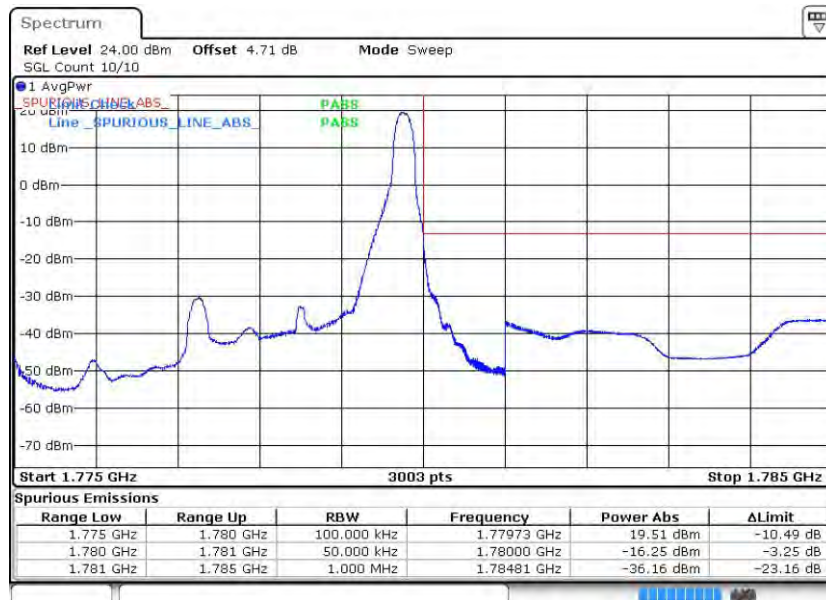
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## Band66-3MHz-QPSK-131987-15RB#0



Date: 16 JAN 2024 19:36:15

## Band66-3MHz-QPSK-132657-1RB#14



Date: 25 JAN 2024 10:43:38



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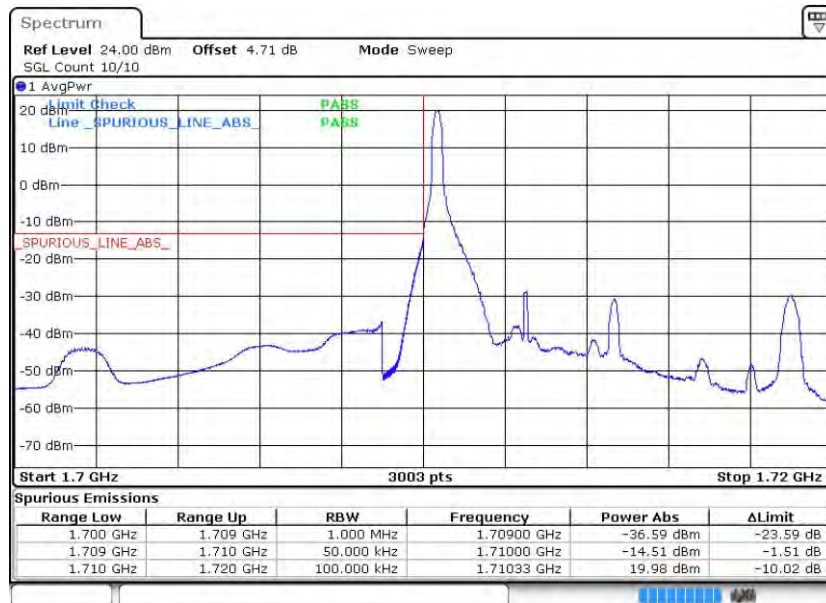
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## Band66-3MHz-QPSK-132657-15RB#0



## Band66-5MHz-QPSK-131997-1RB#0



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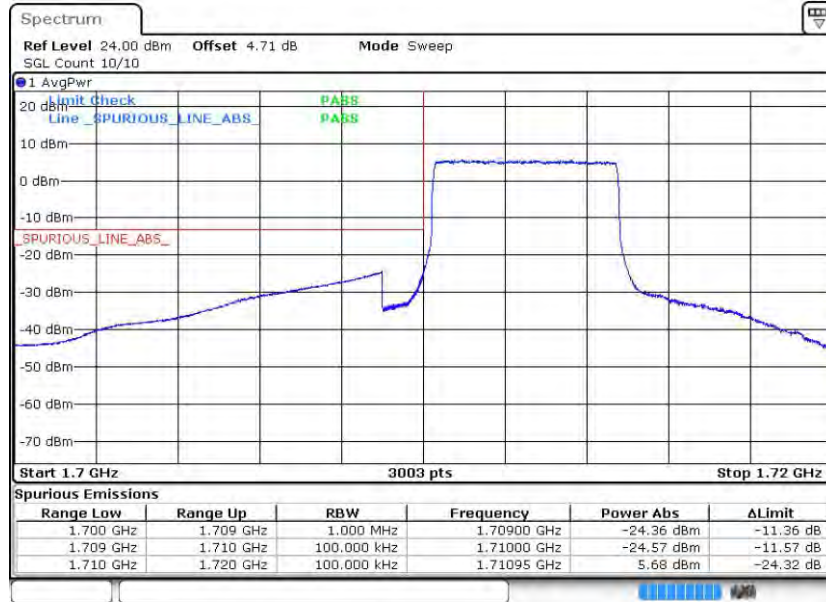
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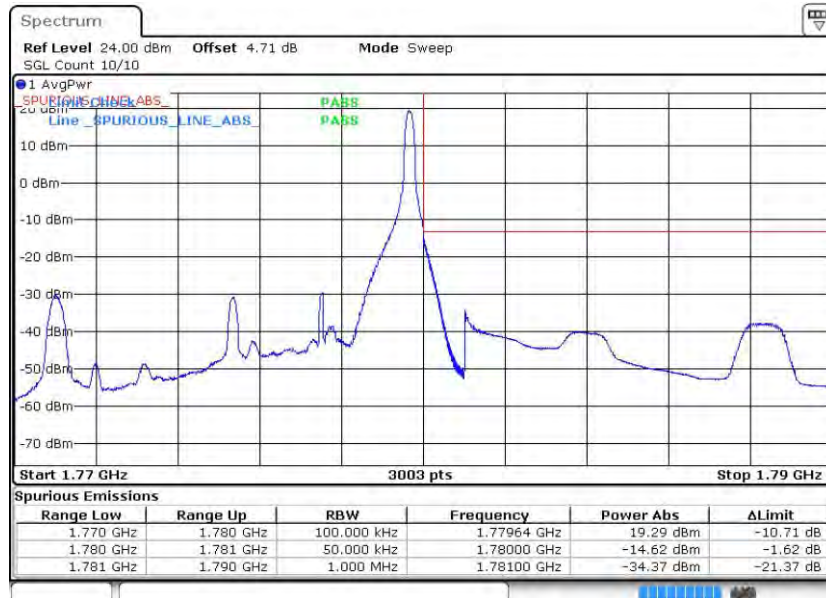
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## Band66-5MHz-QPSK-131997-25RB#0



Date: 16 JAN 2024 19:38:53

## Band66-5MHz-QPSK-132647-1RB#24



Date: 25 JAN 2024 10:46:21



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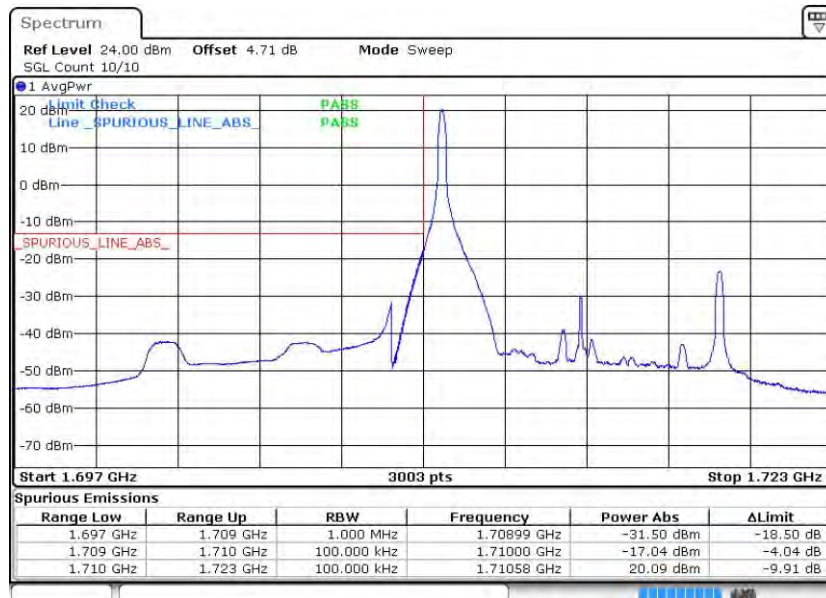
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## Band66-5MHz-QPSK-132647-25RB#0



Date: 25 JAN 2024 10:46:43

## Band66-10MHz-QPSK-132022-1RB#0



Date: 16 JAN 2024 19:41:04



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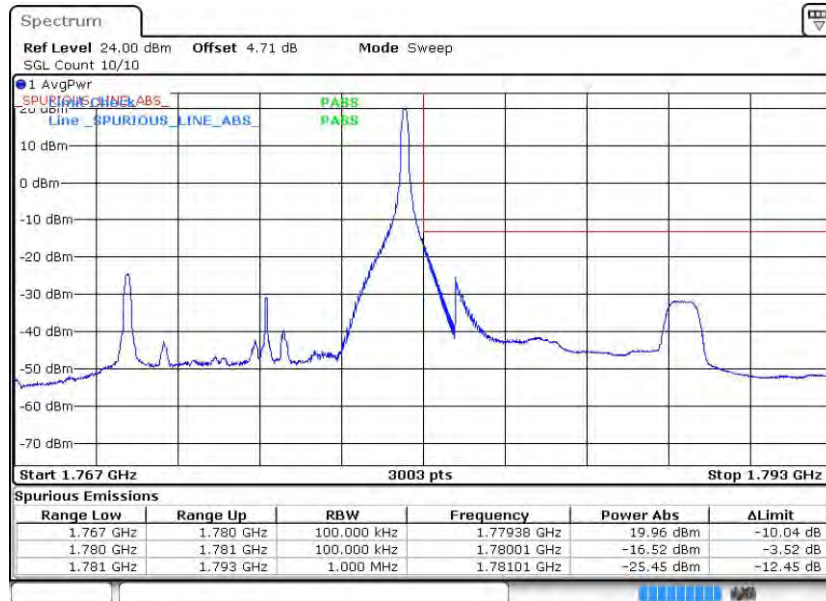
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## Band66-10MHz-QPSK-132022-50RB#0



Date: 16 JAN 2024 19:41:27

## Band66-10MHz-QPSK-132622-1RB#49



Date: 16 JAN 2024 19:42:24



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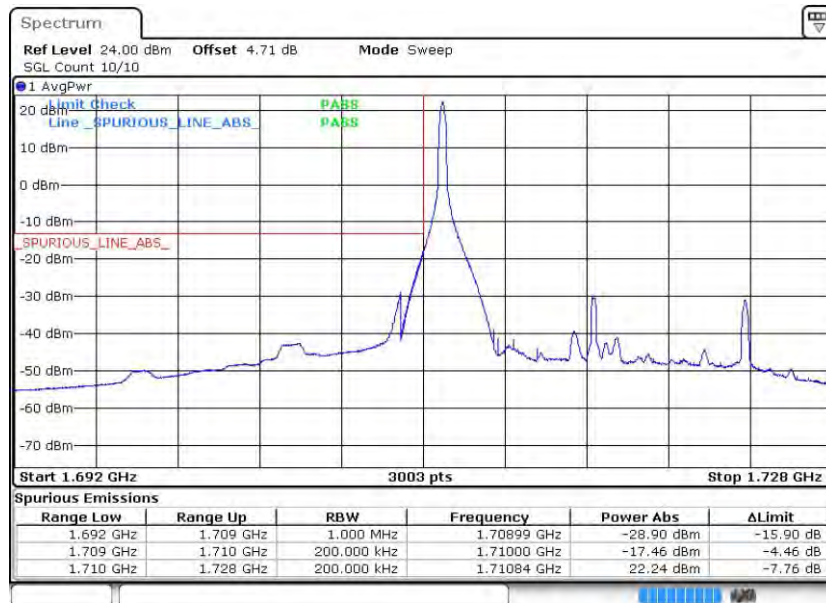
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## Band66-10MHz-QPSK-132622-50RB#0



## Band66-15MHz-QPSK-132047-1RB#0



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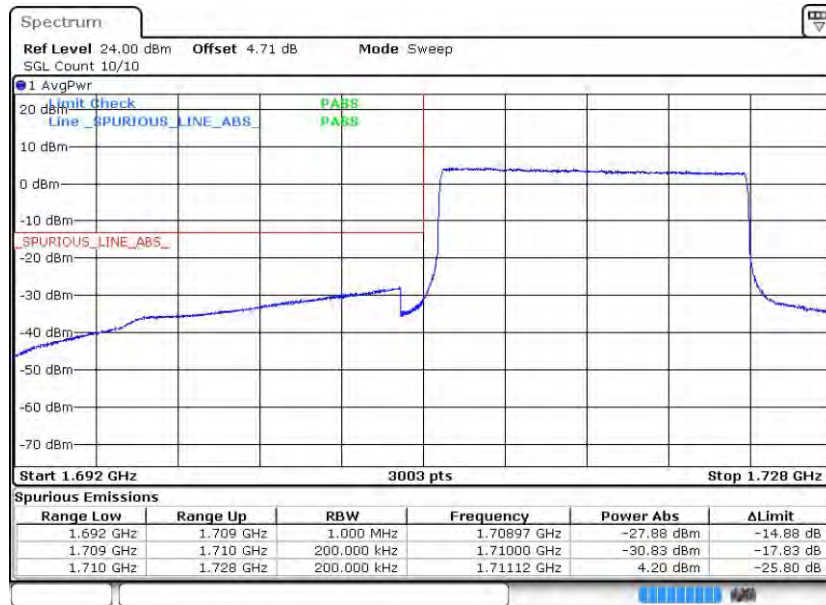
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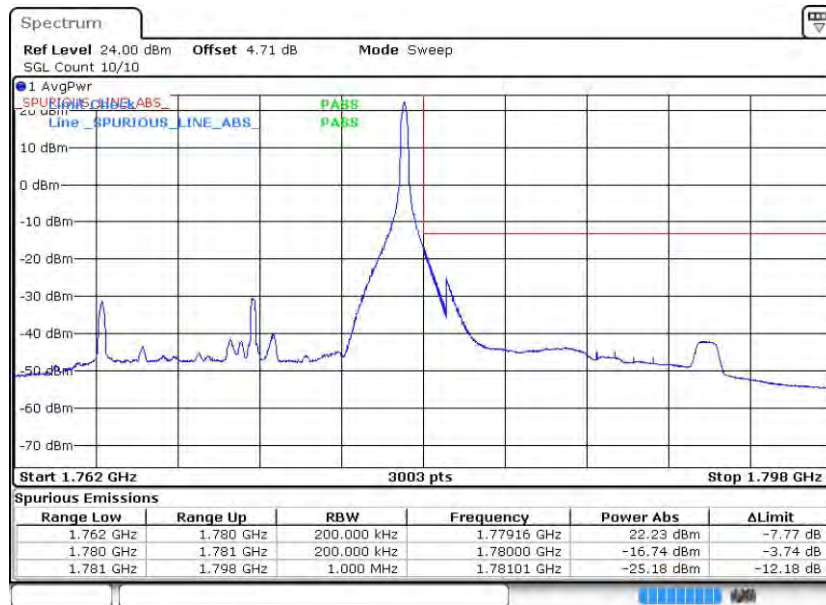
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## Band66-15MHz-QPSK-132047-75RB#0



## Band66-15MHz-QPSK-132597-1RB#74



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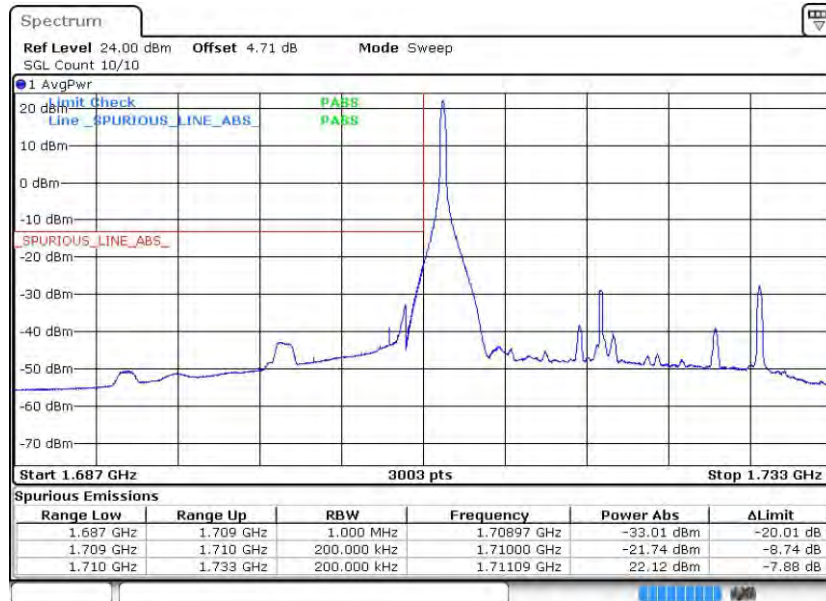
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## Band66-15MHz-QPSK-132597-75RB#0



## Band66-20MHz-QPSK-132072-1RB#0



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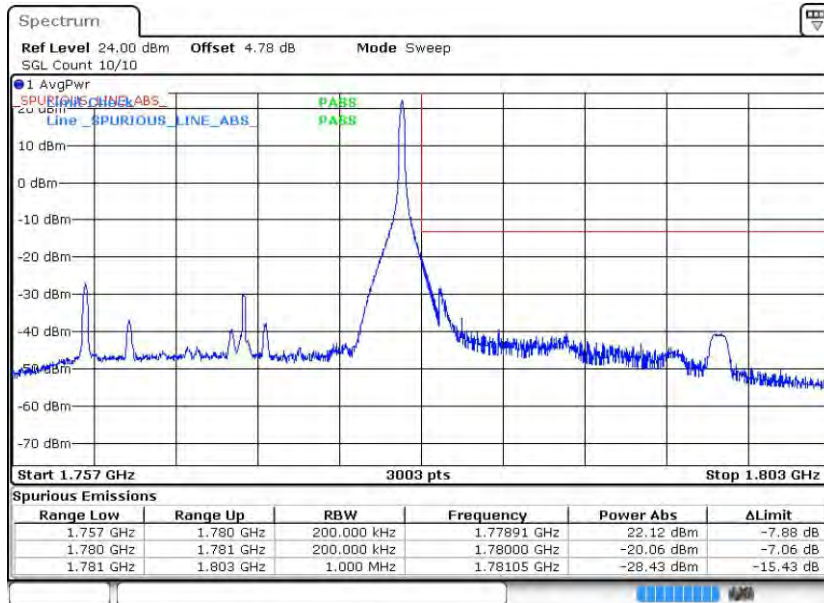
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## Band66-20MHz-QPSK-132072-100RB#0



## Band66-20MHz-QPSK-132572-1RB#99



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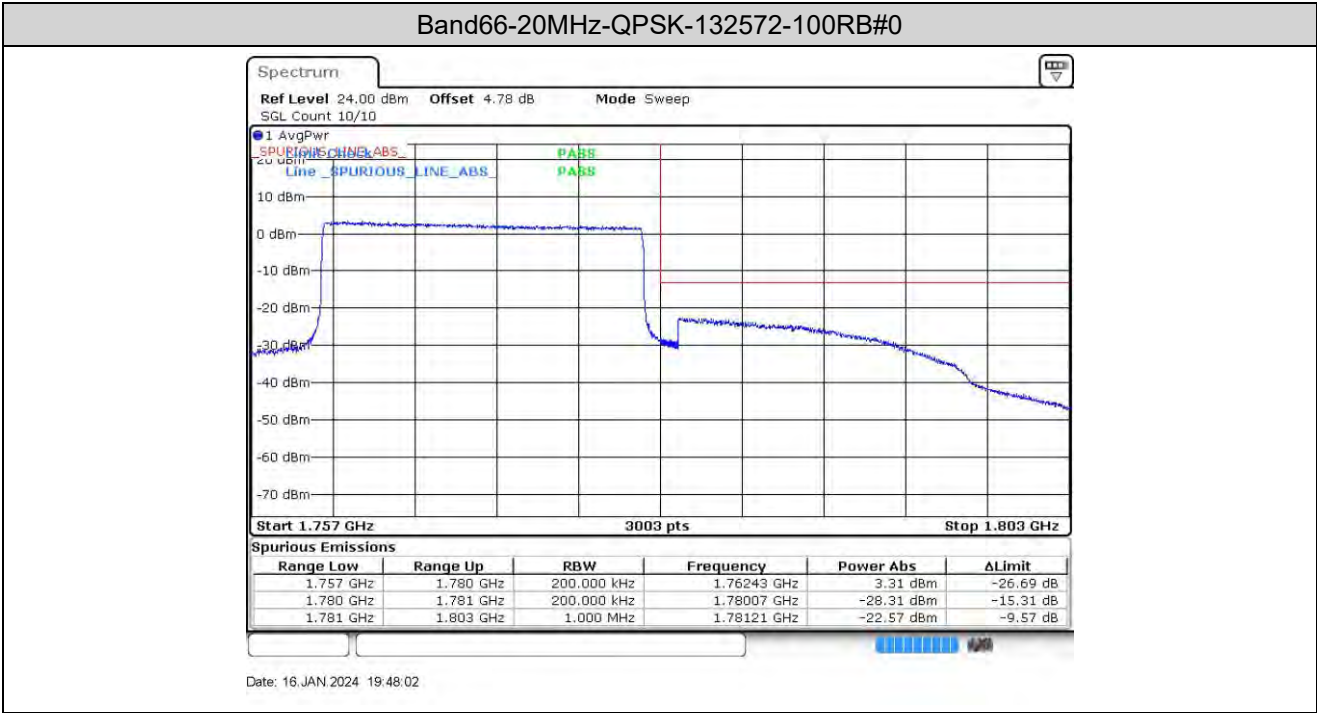
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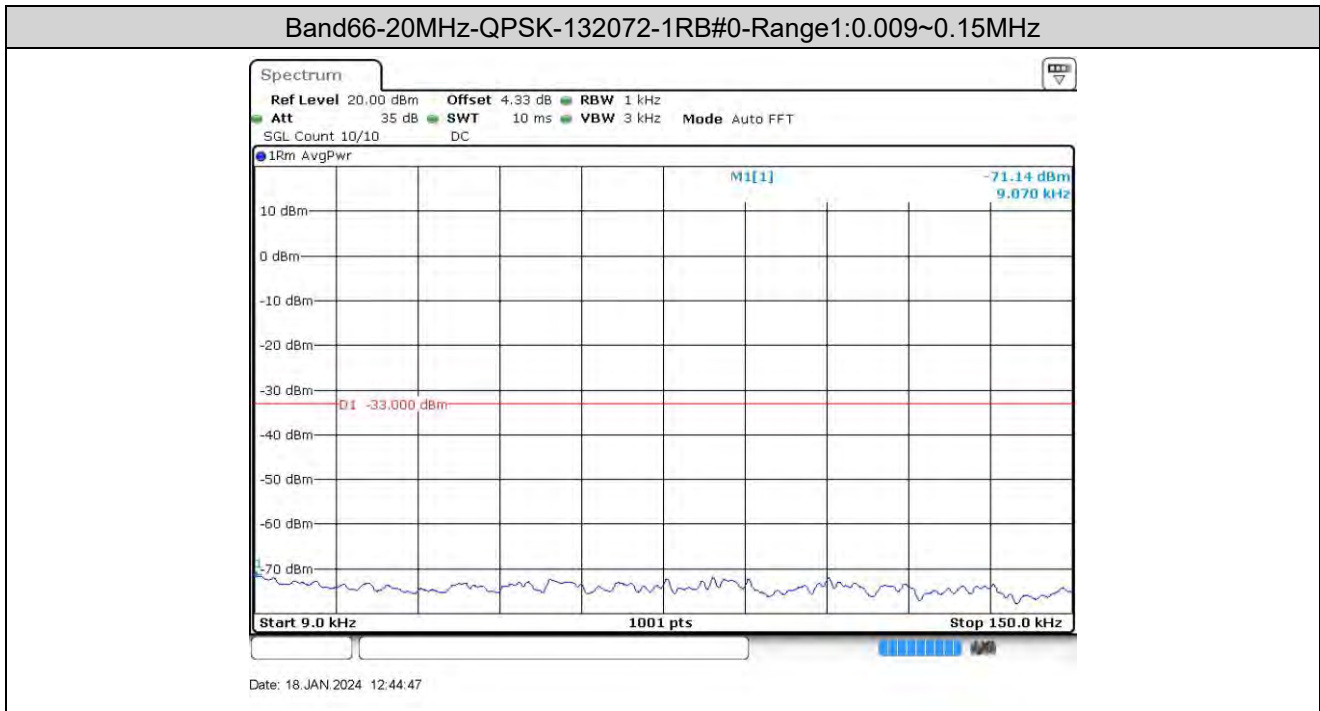


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## Conducted Spurious Emission

### Test Graphs



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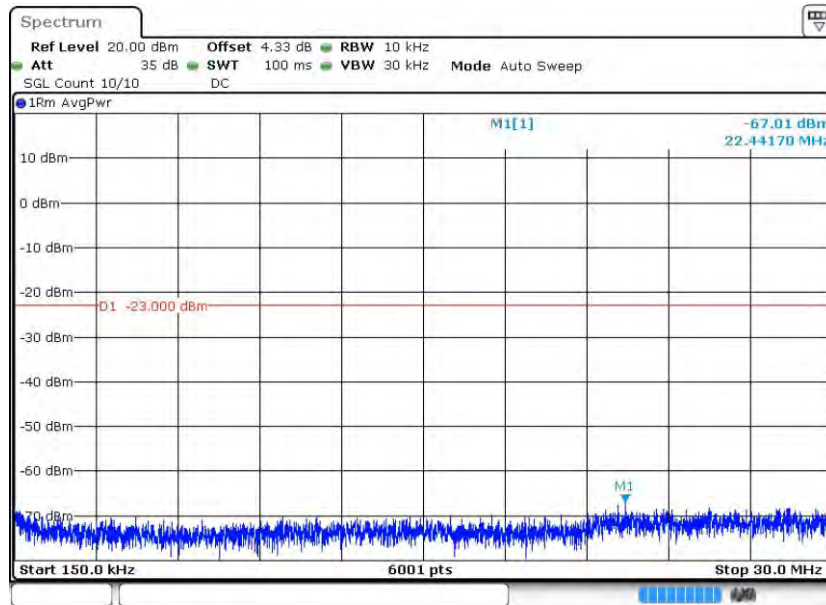
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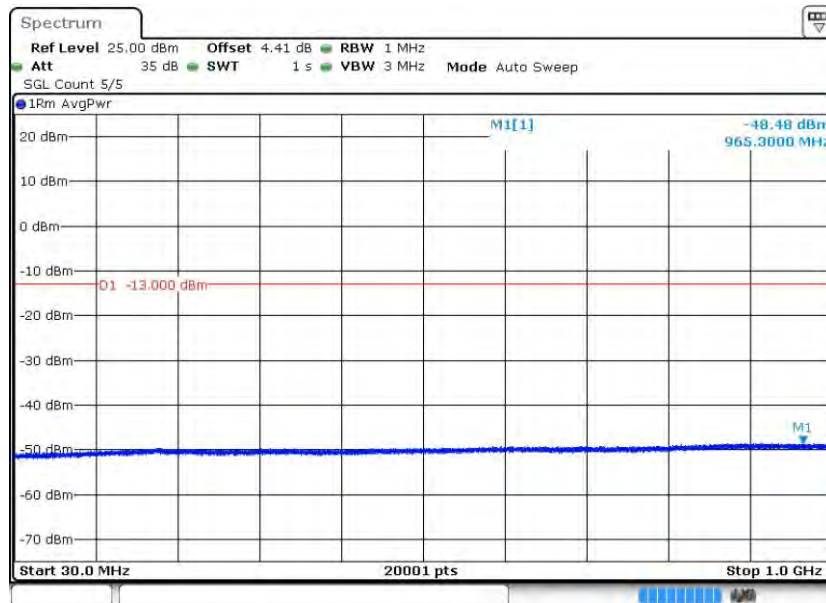
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## Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



Date: 18 JAN 2024 12:44:50

## Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Date: 18 JAN 2024 12:44:58



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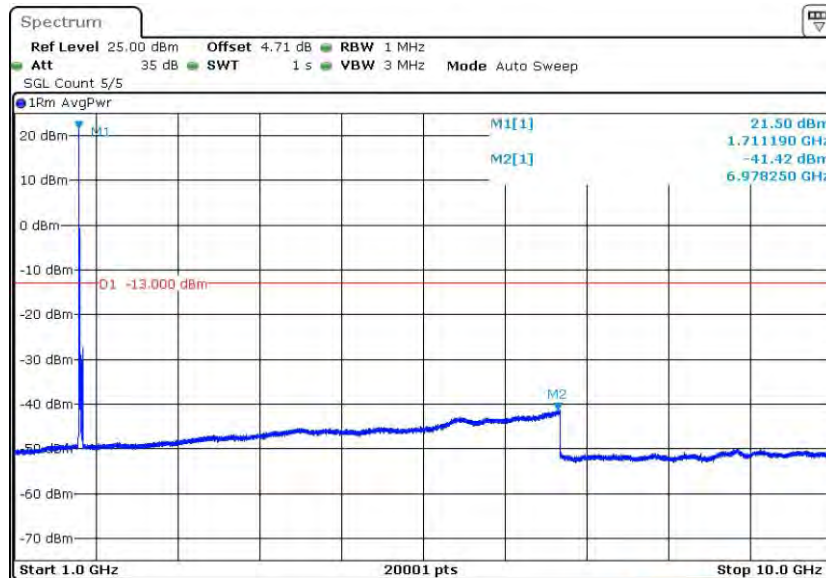
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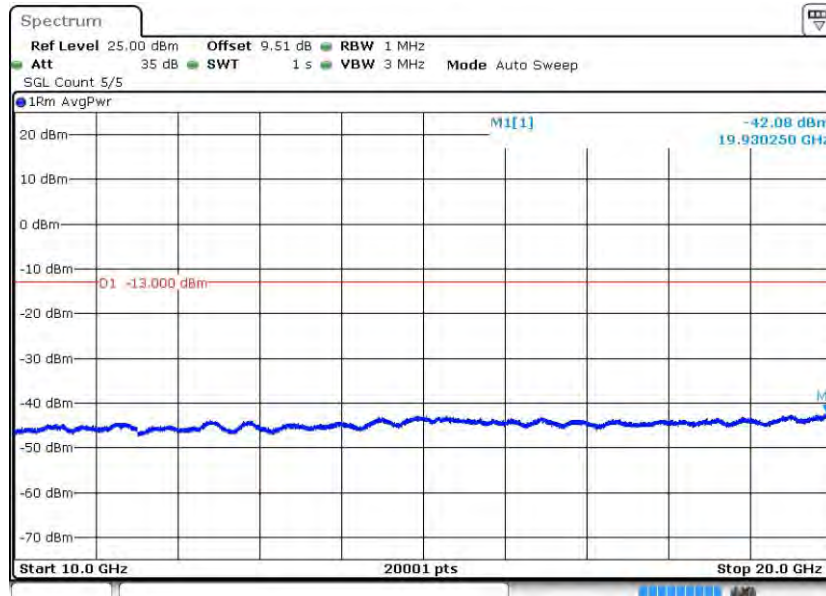
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## Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~10000MHz



Date: 18 JAN 2024 12:45:06

## Band66-20MHz-QPSK-132072-1RB#0-Range5:10000~20000MHz



Date: 18 JAN 2024 12:45:13



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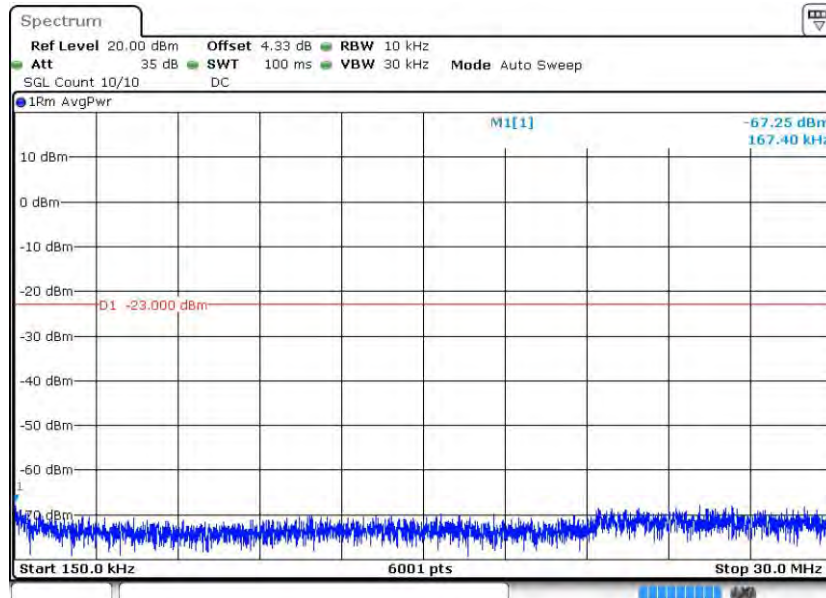
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## Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



Date: 18 JAN 2024 13:41:00

## Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Date: 18 JAN 2024 13:41:03



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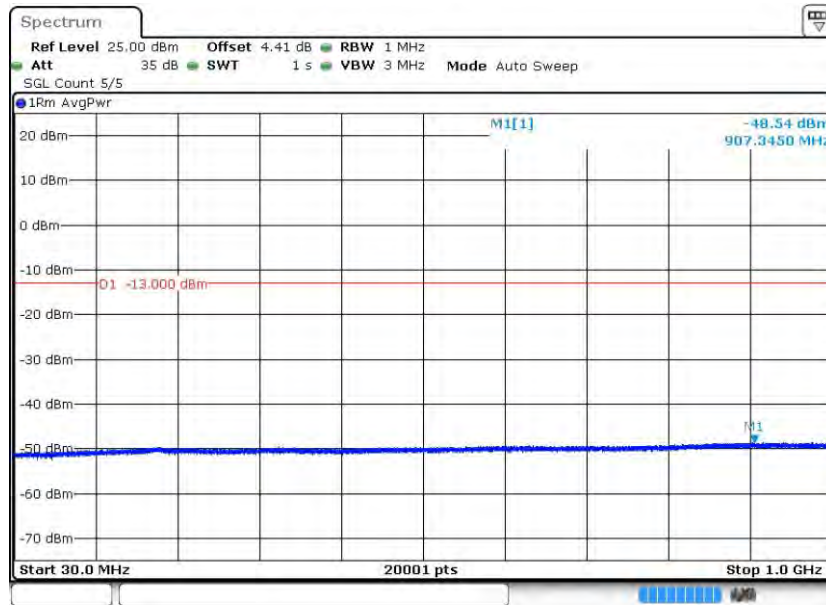
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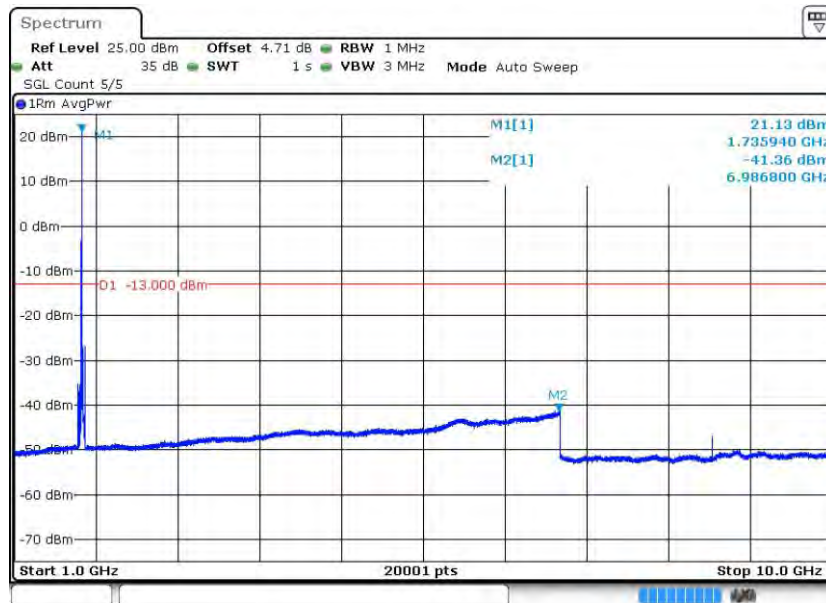
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## Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Date: 18 JAN 2024 13:41:11

## Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~10000MHz



Date: 18 JAN 2024 13:41:19



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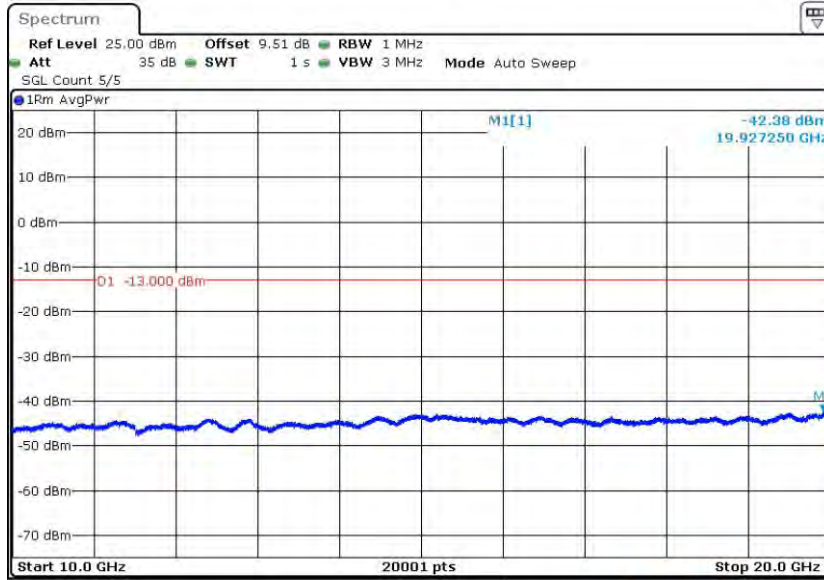
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## Band66-20MHz-QPSK-132322-1RB#0-Range5:10000~20000MHz



Date: 18 JAN 2024 13:41:26

## Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



Date: 18 JAN 2024 13:45:33



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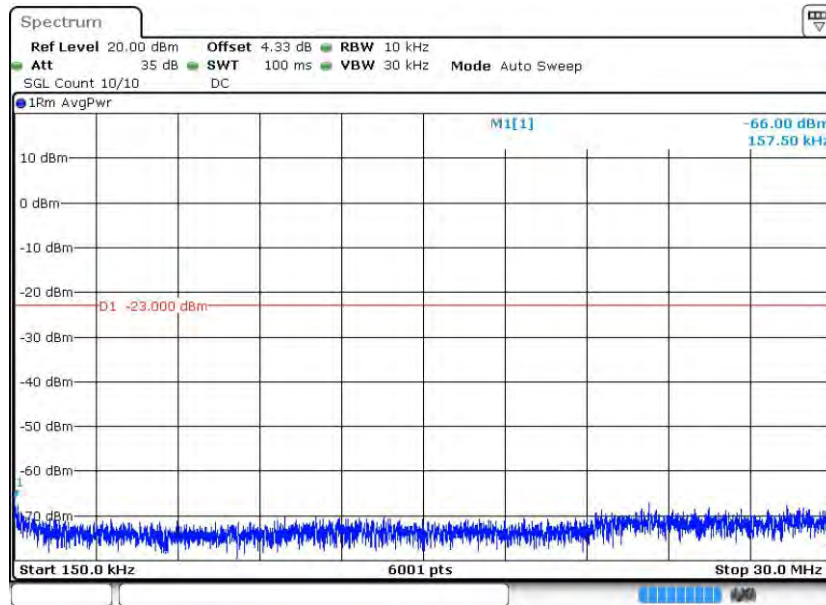
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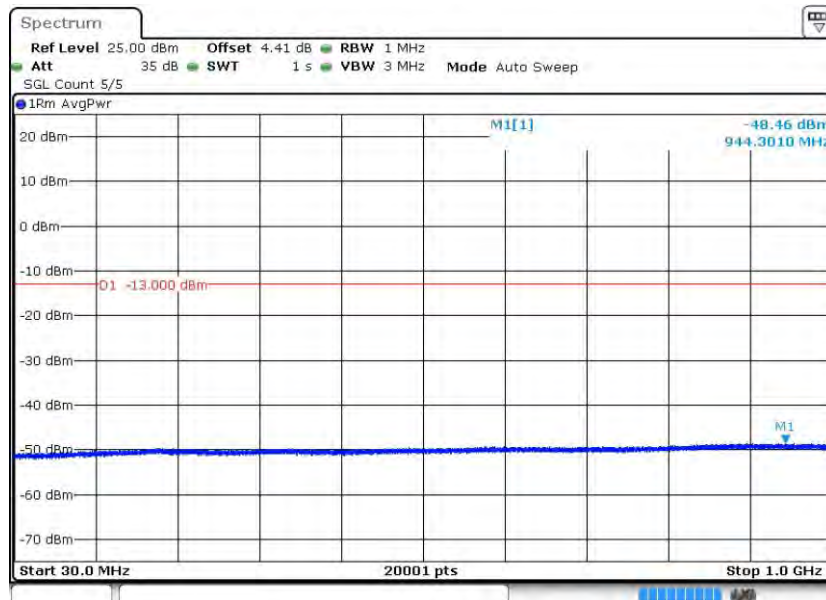
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## Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



Date: 18 JAN 2024 13:45:36

## Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Date: 18 JAN 2024 13:45:44



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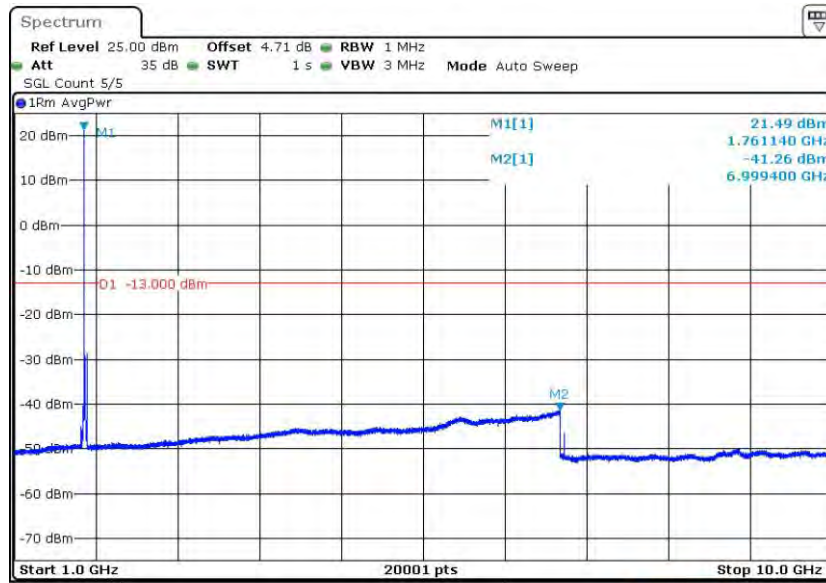
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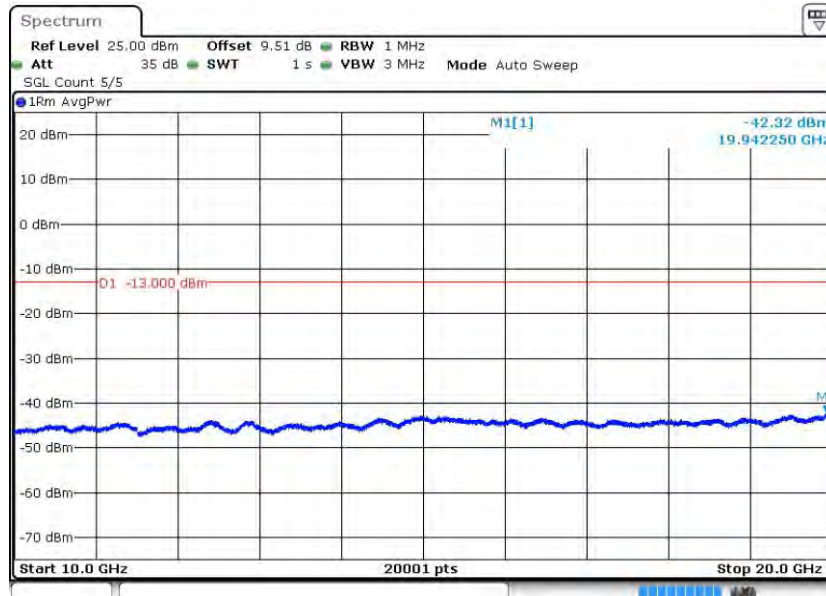
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## Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~10000MHz



Date: 18 JAN 2024 13:45:52

## Band66-20MHz-QPSK-132572-1RB#0-Range5:10000~20000MHz



Date: 18 JAN 2024 13:45:59



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## Field Strength of Spurious Radiation

Test Band = B66\_ TM1

Test Channel = low channel

| Final Data List |                 |                |           |             |             |             |             |            |
|-----------------|-----------------|----------------|-----------|-------------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3421.8169       | 63.52          | 28.68     | -47.01      | -50.07      | -13.00      | 37.07       | Horizontal |
| 2               | 5133.0853       | 60.23          | 31.72     | -47.02      | -50.33      | -13.00      | 37.33       | Horizontal |
| 3               | 6844.3538       | 56.36          | 35.43     | -46.12      | -49.59      | -13.00      | 36.59       | Horizontal |
| 4               | 8555.0222       | 51.13          | 36.14     | -43.31      | -51.30      | -13.00      | 38.30       | Horizontal |
| 5               | 10266.0000      | 37.72          | 38.72     | -40.54      | -59.36      | -13.00      | 46.36       | Horizontal |
| 6               | 11977.0000      | 38.20          | 39.80     | -38.68      | -55.94      | -13.00      | 42.94       | Horizontal |

| Final Data List |                 |                |           |             |             |             |             |          |
|-----------------|-----------------|----------------|-----------|-------------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3421.8169       | 57.76          | 28.68     | -47.01      | -55.83      | -13.00      | 42.83       | Vertical |
| 2               | 5133.0853       | 65.09          | 31.72     | -47.02      | -45.47      | -13.00      | 32.47       | Vertical |
| 3               | 6844.3538       | 58.08          | 35.43     | -46.12      | -47.87      | -13.00      | 34.87       | Vertical |
| 4               | 8555.0222       | 48.00          | 36.14     | -43.31      | -54.43      | -13.00      | 41.43       | Vertical |
| 5               | 10266.0000      | 38.05          | 38.72     | -40.54      | -59.03      | -13.00      | 46.03       | Vertical |
| 6               | 11977.0000      | 37.40          | 39.80     | -38.68      | -56.74      | -13.00      | 43.74       | Vertical |



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Test Band = B66\_TM1  
Test Channel = midchannel

| Final Data List |                 |                |           |             |             |             |             |            |
|-----------------|-----------------|----------------|-----------|-------------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3471.6189       | 67.66          | 28.69     | -46.95      | -45.86      | -13.00      | 32.86       | Horizontal |
| 2               | 5208.0883       | 66.34          | 31.90     | -46.94      | -43.96      | -13.00      | 30.96       | Horizontal |
| 3               | 6943.9578       | 62.63          | 35.67     | -45.94      | -42.90      | -13.00      | 29.90       | Horizontal |
| 4               | 8680.4272       | 54.22          | 36.13     | -43.17      | -48.08      | -13.00      | 35.08       | Horizontal |
| 5               | 10416.2967      | 42.35          | 38.90     | -40.46      | -54.47      | -13.00      | 41.47       | Horizontal |
| 6               | 12152.7661      | 41.74          | 39.78     | -38.86      | -52.60      | -13.00      | 39.60       | Horizontal |

| Final Data List |                 |                |           |             |             |             |             |          |
|-----------------|-----------------|----------------|-----------|-------------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3471.6189       | 59.45          | 28.69     | -46.95      | -54.07      | -13.00      | 41.07       | Vertical |
| 2               | 5208.0883       | 71.09          | 31.90     | -46.94      | -39.21      | -13.00      | 26.21       | Vertical |
| 3               | 6943.9578       | 63.08          | 35.67     | -45.94      | -42.45      | -13.00      | 29.45       | Vertical |
| 4               | 8680.4272       | 53.93          | 36.13     | -43.17      | -48.37      | -13.00      | 35.37       | Vertical |
| 5               | 10416.2967      | 41.63          | 38.90     | -40.46      | -55.19      | -13.00      | 42.19       | Vertical |
| 6               | 12152.7000      | 38.40          | 39.78     | -38.86      | -55.94      | -13.00      | 42.94       | Vertical |



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Test Band = B66\_ TM1

Test Channel = high channel

| Final Data List |                 |                |           |             |             |             |             |            |
|-----------------|-----------------|----------------|-----------|-------------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3522.0209       | 63.33          | 28.74     | -47.03      | -50.22      | -13.00      | 37.22       | Horizontal |
| 2               | 5283.0913       | 57.61          | 32.08     | -47.09      | -52.66      | -13.00      | 39.66       | Horizontal |
| 3               | 7044.1618       | 55.35          | 35.85     | -45.72      | -49.78      | -13.00      | 36.78       | Horizontal |
| 4               | 8805.2322       | 44.66          | 36.12     | -43.28      | -57.76      | -13.00      | 44.76       | Horizontal |
| 5               | 10566.0000      | 39.25          | 39.08     | -40.22      | -57.15      | -13.00      | 44.15       | Horizontal |
| 6               | 12327.0000      | 36.73          | 39.77     | -38.17      | -56.93      | -13.00      | 43.93       | Horizontal |

| Final Data List |                 |                |           |             |             |             |             |          |
|-----------------|-----------------|----------------|-----------|-------------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3521.4209       | 53.57          | 28.73     | -47.03      | -59.99      | -13.00      | 46.99       | Vertical |
| 2               | 5283.0913       | 65.49          | 32.08     | -47.09      | -44.78      | -13.00      | 31.78       | Vertical |
| 3               | 7044.1618       | 56.09          | 35.85     | -45.72      | -49.04      | -13.00      | 36.04       | Vertical |
| 4               | 8805.2322       | 44.73          | 36.12     | -43.28      | -57.69      | -13.00      | 44.69       | Vertical |
| 5               | 10566.0000      | 38.96          | 39.08     | -40.22      | -57.44      | -13.00      | 44.44       | Vertical |
| 6               | 12327.0000      | 36.78          | 39.77     | -38.17      | -56.88      | -13.00      | 43.88       | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band66  | 20MHz     | QPSK       | 132322  | 100RB#0      | VL            | NT               | -5.80          | -0.003324       | PASS    |
| Band66  | 20MHz     | QPSK       | 132322  | 100RB#0      | VN            | NT               | -4.40          | -0.002521       | PASS    |
| Band66  | 20MHz     | QPSK       | 132322  | 100RB#0      | VH            | NT               | -3.00          | -0.001719       | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -30              | -10.20         | -0.005845       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -20              | -13.30         | -0.007622       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -10              | -5.60          | -0.003209       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 0                | -5.70          | -0.003266       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 10               | -6.40          | -0.003668       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 20               | 2.00           | 0.001146        | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 30               | 3.70           | 0.002120        | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 40               | -8.10          | -0.004642       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 50               | -7.90          | -0.004527       | PASS    |

---End of Attachment---



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com