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# Appendix B.9

LTE Band 26(824-849)



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### **Effective (Isotropic) Radiated Power Output Data**

#### **Test Result**

| Band   | Bandwidth | Modulation | Channel | RB<br>Configuration | Result(dBm) | ERP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|---------------------|-------------|----------|------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26797   | 1RB#0               | 22.74       | 23.15    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 1RB#2               | 22.81       | 23.22    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 1RB#5               | 22.81       | 23.22    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 6RB#0               | 21.82       | 22.23    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 1RB#0               | 22.78       | 23.19    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 1RB#2               | 22.87       | 23.28    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 1RB#5               | 22.83       | 23.24    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 6RB#0               | 21.91       | 22.32    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 1RB#0               | 22.79       | 23.2     | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 1RB#2               | 22.75       | 23.16    | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 1RB#5               | 21.99       | 22.4     | 38.45      | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 6RB#0               | 21.13       | 21.54    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 1RB#0               | 22.11       | 22.52    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 1RB#2               | 22.15       | 22.56    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 1RB#5               | 22.17       | 22.58    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 6RB#0               | 20.93       | 21.34    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 1RB#0               | 22.1        | 22.51    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 1RB#2               | 22.28       | 22.69    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 1RB#5               | 22.1        | 22.51    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 6RB#0               | 20.99       | 21.4     | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 27033   | 1RB#0               | 19.86       | 20.27    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 27033   | 1RB#2               | 21.28       | 21.69    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 27033   | 1RB#5               | 21.57       | 21.98    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 27033   | 6RB#0               | 20.9        | 21.31    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 64QAM      | 26797   | 1RB#0               | 21.12       | 21.53    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 64QAM      | 26797   | 1RB#2               | 21.11       | 21.52    | 38.45      | PASS    |
| Band26 | 1.4MHz    | 64QAM      | 26797   | 1RB#5               | 20.97       | 21.38    | 38.45      | PASS    |



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|--------|--------|-------|-------|--------|-------|--------|-------|------|
| Band26 | 1.4MHz | 64QAM | 26797 | 6RB#0  | 19.8  | 20.21  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 26915 | 1RB#0  | 21.05 | 21.46  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 26915 | 1RB#2  | 21.17 | 21.58  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 26915 | 1RB#5  | 21.12 | 21.53  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 26915 | 6RB#0  | 19.92 | 20.33  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 27033 | 1RB#0  | 20.37 | 20.78  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 27033 | 1RB#2  | 19.6  | 20.01  | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 27033 | 1RB#5  | 14.49 | 14.9   | 38.45 | PASS |
| Band26 | 1.4MHz | 64QAM | 27033 | 6RB#0  | 18    | 18.41  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#0  | 22.82 | 23.23  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#8  | 22.87 | 23.28  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#14 | 22.89 | 23.3   | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 15RB#0 | 21.89 | 22.3   | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#0  | 22.92 | 23.33  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#8  | 23.01 | 23.42  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#14 | 22.91 | 23.32  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 15RB#0 | 22.01 | 22.42  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#0  | 22.87 | 23.28  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#8  | 22.89 | 23.3   | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#14 | 22.86 | 23.27  | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 15RB#0 | 21.98 | 22.39  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#0  | 22.11 | 22.52  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#8  | 22.32 | 22.73  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#14 | 22.13 | 22.54  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 15RB#0 | 20.96 | 21.37  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 1RB#0  | 22.11 | 22.52  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 1RB#8  | 22.43 | 22.84  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 1RB#14 | 22.19 | 22.6   | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 15RB#0 | 20.96 | 21.37  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 27025 | 1RB#0  | 22.19 | 22.6   | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 27025 | 1RB#8  | 22.25 | 22.66  | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 27025 | 1RB#14 | 22.23 | 22.64  | 38.45 | PASS |
|        |        |       |       |        |       |        |       |      |



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|--------|------|-------|-------|--------|-------|--------|--------------|------|
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0 | 20.95 | 21.36  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26805 | 1RB#0  | 20.91 | 21.32  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26805 | 1RB#8  | 21.17 | 21.58  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26805 | 1RB#14 | 21.03 | 21.44  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26805 | 15RB#0 | 19.9  | 20.31  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26915 | 1RB#0  | 21.19 | 21.6   | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26915 | 1RB#8  | 21.21 | 21.62  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26915 | 1RB#14 | 21.15 | 21.56  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 26915 | 15RB#0 | 19.98 | 20.39  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 27025 | 1RB#0  | 21.03 | 21.44  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 27025 | 1RB#8  | 20.51 | 20.92  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 27025 | 1RB#14 | 20.37 | 20.78  | 38.45        | PASS |
| Band26 | 3MHz | 64QAM | 27025 | 15RB#0 | 19.59 | 20     | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#0  | 22.8  | 23.21  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#12 | 22.84 | 23.25  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#24 | 22.86 | 23.27  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 25RB#0 | 21.86 | 22.27  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#0  | 22.93 | 23.34  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#12 | 22.99 | 23.4   | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#24 | 22.91 | 23.32  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 25RB#0 | 21.96 | 22.37  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#0  | 22.92 | 23.33  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#12 | 22.94 | 23.35  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#24 | 22.8  | 23.21  | 38.45        | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 25RB#0 | 21.94 | 22.35  | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#0  | 22.14 | 22.55  | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#12 | 22.19 | 22.6   | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#24 | 22.33 | 22.74  | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 25RB#0 | 20.87 | 21.28  | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#0  | 22.15 | 22.56  | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#12 | 22.25 | 22.66  | 38.45        | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#24 | 22.23 | 22.64  | 38.45        | PASS |
|        |      |       |       |        |       |        |              |      |



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|--------|-------|-------|-------|--------|-------|--------|---------------|------|
| Band26 | 5MHz  | 16QAM | 26915 | 25RB#0 | 20.96 | 21.37  | 38.45         | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#0  | 22.15 | 22.56  | 38.45         | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#12 | 22.14 | 22.55  | 38.45         | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#24 | 22.18 | 22.59  | 38.45         | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 25RB#0 | 20.94 | 21.35  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26815 | 1RB#0  | 21.15 | 21.56  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26815 | 1RB#12 | 21.15 | 21.56  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26815 | 1RB#24 | 21.13 | 21.54  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26815 | 25RB#0 | 19.92 | 20.33  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26915 | 1RB#0  | 21.21 | 21.62  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26915 | 1RB#12 | 21.09 | 21.5   | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26915 | 1RB#24 | 21.22 | 21.63  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 26915 | 25RB#0 | 20    | 20.41  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 27015 | 1RB#0  | 21.24 | 21.65  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 27015 | 1RB#12 | 20.95 | 21.36  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 27015 | 1RB#24 | 20.43 | 20.84  | 38.45         | PASS |
| Band26 | 5MHz  | 64QAM | 27015 | 25RB#0 | 20    | 20.41  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#0  | 22.78 | 23.19  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#24 | 22.89 | 23.3   | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#49 | 22.88 | 23.29  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 50RB#0 | 21.9  | 22.31  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#0  | 23.05 | 23.46  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#24 | 22.9  | 23.31  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#49 | 22.84 | 23.25  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 50RB#0 | 21.93 | 22.34  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#0  | 22.92 | 23.33  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#24 | 22.82 | 23.23  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#49 | 22.85 | 23.26  | 38.45         | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 50RB#0 | 21.86 | 22.27  | 38.45         | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0  | 22.18 | 22.59  | 38.45         | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#24 | 22.36 | 22.77  | 38.45         | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#49 | 22.15 | 22.56  | 38.45         | PASS |
|        |       |       |       |        |       |        |               |      |



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|--------|-------|-------|-------|--------|--------|-------|-------|------|
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0 | 20.9   | 21.31 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#0  | 22.22  | 22.63 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#24 | 22.29  | 22.7  | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#49 | 22.15  | 22.56 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0 | 20.93  | 21.34 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#0  | 22.29  | 22.7  | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#24 | 22.23  | 22.64 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#49 | 22.22  | 22.63 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0 | 20.87  | 21.28 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26840 | 1RB#0  | 21.01  | 21.42 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26840 | 1RB#24 | 21.15  | 21.56 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26840 | 1RB#49 | 21.14  | 21.55 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26840 | 50RB#0 | 19.9   | 20.31 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26915 | 1RB#0  | 20.96  | 21.37 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26915 | 1RB#24 | 21.05  | 21.46 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26915 | 1RB#49 | 21.11  | 21.52 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26915 | 50RB#0 | 19.92  | 20.33 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26990 | 1RB#0  | 21.06  | 21.47 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26990 | 1RB#24 | 21.13  | 21.54 | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26990 | 1RB#49 | 20.59  | 21    | 38.45 | PASS |
| Band26 | 10MHz | 64QAM | 26990 | 50RB#0 | 19.92  | 20.33 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#0  | 22.66  | 23.07 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#38 | 22.75  | 23.16 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#74 | 22.76  | 23.17 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 75RB#0 | 21.81  | 22.22 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#0  | 22.79  | 23.2  | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#38 | 22.86  | 23.27 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#74 | 22.72  | 23.13 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | 21.87  | 22.28 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#0  | 22.78  | 23.19 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#38 | 22.82  | 23.23 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#74 | 22.74  | 23.15 | 38.45 | PASS |
|        |       |       |       |        |        |       |       |      |



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| Band26 1  | 5MHz<br>5MHz | QPSK  | 26965 | 75RB#0 | 21.73 | 22.14 | 38.45 | PASS |
|-----------|--------------|-------|-------|--------|-------|-------|-------|------|
|           | 5MHz         |       |       |        |       |       | 00.10 | . ,  |
| Dan 406 4 |              | 16QAM | 26865 | 1RB#0  | 21.98 | 22.39 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26865 | 1RB#38 | 21.94 | 22.35 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26865 | 1RB#74 | 22.06 | 22.47 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26865 | 75RB#0 | 20.72 | 21.13 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26915 | 1RB#0  | 22.12 | 22.53 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26915 | 1RB#38 | 22.17 | 22.58 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26915 | 1RB#74 | 22.19 | 22.6  | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26915 | 75RB#0 | 20.91 | 21.32 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26965 | 1RB#0  | 22.14 | 22.55 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26965 | 1RB#38 | 22.26 | 22.67 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26965 | 1RB#74 | 22.04 | 22.45 | 38.45 | PASS |
| Band26 1  | 5MHz         | 16QAM | 26965 | 75RB#0 | 20.88 | 21.29 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26865 | 1RB#0  | 20.9  | 21.31 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26865 | 1RB#38 | 20.95 | 21.36 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26865 | 1RB#74 | 21.2  | 21.61 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26865 | 75RB#0 | 19.78 | 20.19 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26915 | 1RB#0  | 21.03 | 21.44 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26915 | 1RB#38 | 21.02 | 21.43 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26915 | 1RB#74 | 20.94 | 21.35 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26915 | 75RB#0 | 19.83 | 20.24 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26965 | 1RB#0  | 21.03 | 21.44 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26965 | 1RB#38 | 21.11 | 21.52 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26965 | 1RB#74 | 20.43 | 20.84 | 38.45 | PASS |
| Band26 1  | 5MHz         | 64QAM | 26965 | 75RB#0 | 19.77 | 20.18 | 38.45 | PASS |



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

#### **Test Result**

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band26 | 15MHz     | QPSK       | 26865   | 75RB#0           | 4.96       | 13        | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0           | 5.34       | 13        | PASS    |
| Band26 | 15MHz     | QPSK       | 26965   | 75RB#0           | 5.30       | 13        | PASS    |
| Band26 | 15MHz     | 16QAM      | 26865   | 75RB#0           | 5.80       | 13        | PASS    |
| Band26 | 15MHz     | 16QAM      | 26915   | 75RB#0           | 6.00       | 13        | PASS    |
| Band26 | 15MHz     | 16QAM      | 26965   | 75RB#0           | 6.04       | 13        | PASS    |
| Band26 | 15MHz     | 64QAM      | 26865   | 75RB#0           | 6.38       | 13        | PASS    |
| Band26 | 15MHz     | 64QAM      | 26915   | 75RB#0           | 6.48       | 13        | PASS    |
| Band26 | 15MHz     | 64QAM      | 26965   | 75RB#0           | 6.62       | 13        | PASS    |



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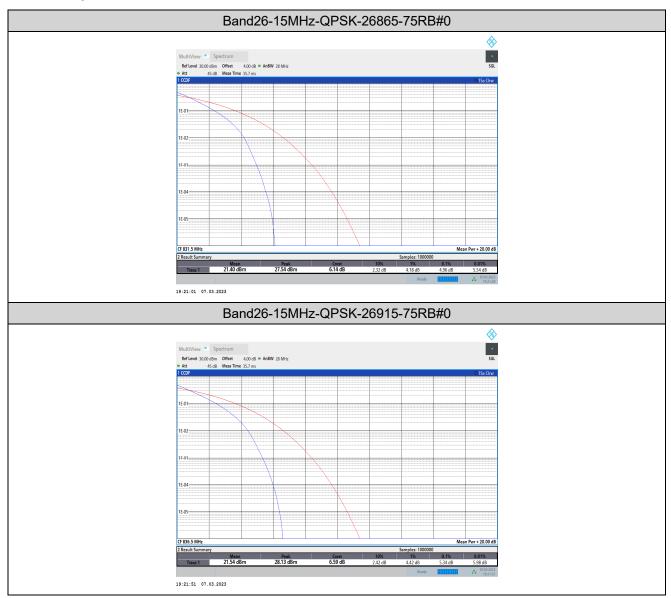
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#### **Test Graphs**





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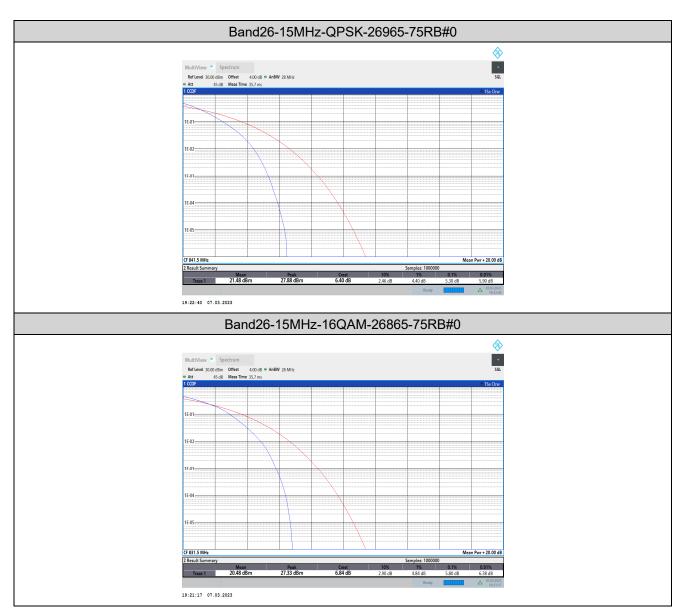
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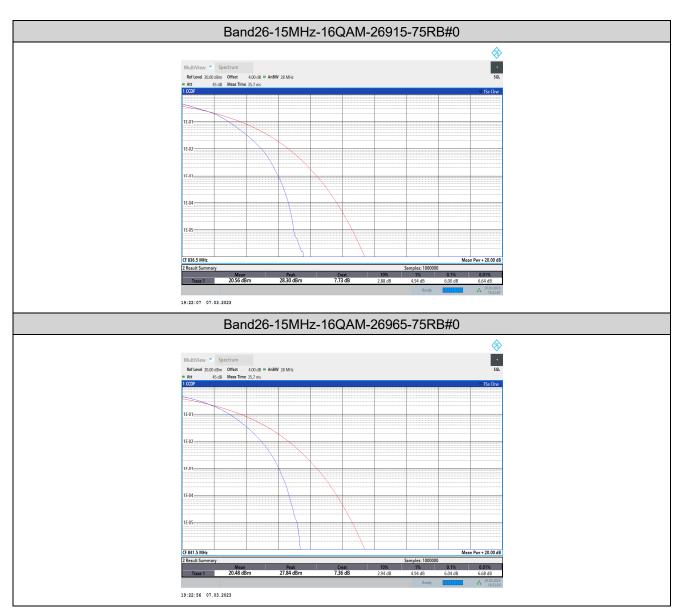
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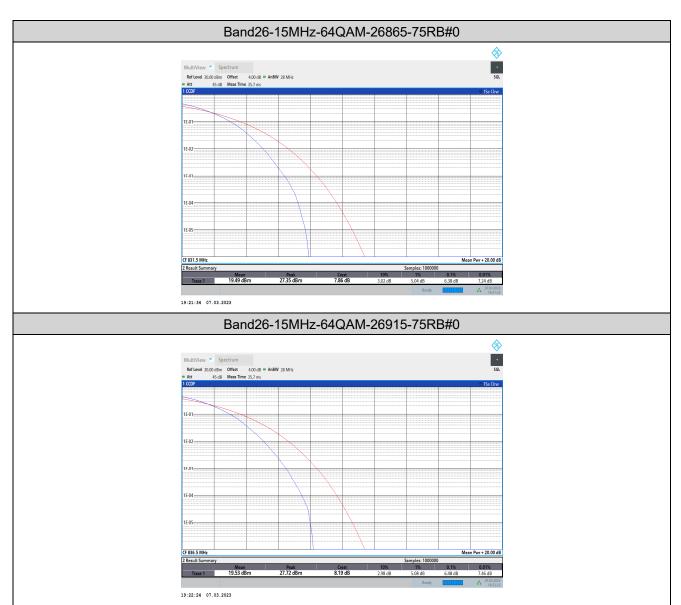
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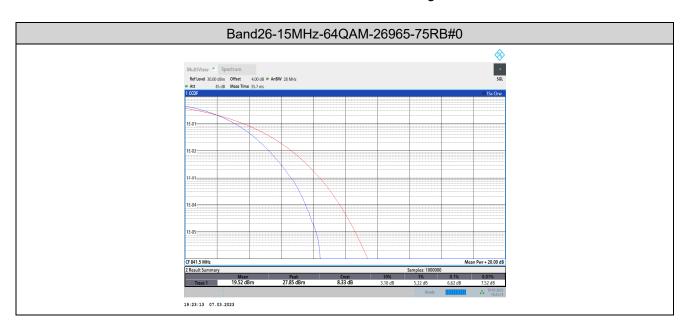
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#### 26dB Bandwidth and Occupied Bandwidth

#### **Test Result**

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied<br>Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------------|-------------------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 1.086                          | 1.24                    | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 6RB#0            | 1.086                          | 1.24                    | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 6RB#0            | 1.08                           | 1.21                    | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 1.093                          | 1.25                    | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 6RB#0            | 1.094                          | 1.26                    | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 27033   | 6RB#0            | 1.094                          | 1.25                    | PASS    |
| Band26 | 1.4MHz    | 64QAM      | 26797   | 6RB#0            | 1.092                          | 1.25                    | PASS    |
| Band26 | 1.4MHz    | 64QAM      | 26915   | 6RB#0            | 1.096                          | 1.25                    | PASS    |
| Band26 | 1.4MHz    | 64QAM      | 27033   | 6RB#0            | 1.093                          | 1.25                    | PASS    |
| Band26 | 3MHz      | QPSK       | 26805   | 15RB#0           | 2.691                          | 2.98                    | PASS    |
| Band26 | 3MHz      | QPSK       | 26915   | 15RB#0           | 2.689                          | 2.98                    | PASS    |
| Band26 | 3MHz      | QPSK       | 27025   | 15RB#0           | 2.696                          | 2.98                    | PASS    |
| Band26 | 3MHz      | 16QAM      | 26805   | 15RB#0           | 2.688                          | 3.01                    | PASS    |
| Band26 | 3MHz      | 16QAM      | 26915   | 15RB#0           | 2.685                          | 2.99                    | PASS    |
| Band26 | 3MHz      | 16QAM      | 27025   | 15RB#0           | 2.685                          | 2.99                    | PASS    |
| Band26 | 3MHz      | 64QAM      | 26805   | 15RB#0           | 2.688                          | 2.99                    | PASS    |
| Band26 | 3MHz      | 64QAM      | 26915   | 15RB#0           | 2.69                           | 2.97                    | PASS    |
| Band26 | 3MHz      | 64QAM      | 27025   | 15RB#0           | 2.704                          | 3.01                    | PASS    |
| Band26 | 5MHz      | QPSK       | 26815   | 25RB#0           | 4.47                           | 4.88                    | PASS    |
| Band26 | 5MHz      | QPSK       | 26915   | 25RB#0           | 4.468                          | 4.87                    | PASS    |
| Band26 | 5MHz      | QPSK       | 27015   | 25RB#0           | 4.469                          | 4.87                    | PASS    |
| Band26 | 5MHz      | 16QAM      | 26815   | 25RB#0           | 4.467                          | 4.90                    | PASS    |
| Band26 | 5MHz      | 16QAM      | 26915   | 25RB#0           | 4.467                          | 4.89                    | PASS    |
| Band26 | 5MHz      | 16QAM      | 27015   | 25RB#0           | 4.464                          | 4.90                    | PASS    |
| Band26 | 5MHz      | 64QAM      | 26815   | 25RB#0           | 4.477                          | 4.90                    | PASS    |
| Band26 | 5MHz      | 64QAM      | 26915   | 25RB#0           | 4.478                          | 4.90                    | PASS    |
| Band26 | 5MHz      | 64QAM      | 27015   | 25RB#0           | 4.475                          | 4.89                    | PASS    |
| Band26 | 10MHz     | QPSK       | 26840   | 50RB#0           | 8.927                          | 9.70                    | PASS    |
| Band26 | 10MHz     | QPSK       | 26915   | 50RB#0           | 8.935                          | 9.67                    | PASS    |
| Band26 | 10MHz     | QPSK       | 26990   | 50RB#0           | 8.916                          | 9.67                    | PASS    |



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| 10MHz | 16QAM   | 26840   | 50RB#0   | 8.911  | 9.60   | PASS  |
|-------|---|---|--|--|--|---|
| 10MHz | 16QAM   | 26915   | 50RB#0   | 8.915  | 9.67   | PASS  |
| 10MHz | 16QAM   | 26990   | 50RB#0   | 8.899  | 9.60   | PASS  |
| 10MHz | 64QAM   | 26840   | 50RB#0   | 8.929  | 9.67   | PASS  |
| 10MHz | 64QAM   | 26915   | 50RB#0   | 8.924  | 9.63   | PASS  |
| 10MHz | 64QAM   | 26990   | 50RB#0   | 8.926  | 9.63   | PASS  |
| 15MHz | QPSK  | 26865   | 75RB#0   | 13.448   | 14.75  | PASS  |
| 15MHz | QPSK  | 26915   | 75RB#0   | 13.472   | 14.80  | PASS  |
| 15MHz | QPSK  | 26965   | 75RB#0   | 13.475   | 14.80  | PASS  |
| 15MHz | 16QAM   | 26865   | 75RB#0   | 13.434   | 14.75  | PASS  |
| 15MHz | 16QAM   | 26915   | 75RB#0   | 13.461   | 14.80  | PASS  |
| 15MHz | 16QAM   | 26965   | 75RB#0   | 13.449   | 14.85  | PASS  |
| 15MHz | 64QAM   | 26865   | 75RB#0   | 13.4   | 14.95  | PASS  |
| 15MHz | 64QAM   | 26915   | 75RB#0   | 13.443   | 14.80  | PASS  |
| 15MHz | 64QAM   | 26965   | 75RB#0   | 13.428   | 14.80  | PASS  |
|       | 10MHz 10MHz 10MHz 10MHz 10MHz 15MHz 15MHz 15MHz 15MHz 15MHz 15MHz 15MHz 15MHz 15MHz | 10MHz       16QAM         10MHz       16QAM         10MHz       64QAM         10MHz       64QAM         10MHz       64QAM         15MHz       QPSK         15MHz       QPSK         15MHz       16QAM         15MHz       16QAM         15MHz       16QAM         15MHz       64QAM         15MHz       64QAM         15MHz       64QAM | 10MHz         16QAM         26915           10MHz         16QAM         26990           10MHz         64QAM         26840           10MHz         64QAM         26915           10MHz         64QAM         26990           15MHz         QPSK         26865           15MHz         QPSK         26915           15MHz         QPSK         26965           15MHz         16QAM         26965           15MHz         16QAM         26965           15MHz         64QAM         26865           15MHz         64QAM         26915 | 10MHz         16QAM         26915         50RB#0           10MHz         16QAM         26990         50RB#0           10MHz         64QAM         26840         50RB#0           10MHz         64QAM         26915         50RB#0           10MHz         64QAM         26990         50RB#0           15MHz         QPSK         26865         75RB#0           15MHz         QPSK         26965         75RB#0           15MHz         16QAM         26865         75RB#0           15MHz         16QAM         26915         75RB#0           15MHz         16QAM         26965         75RB#0           15MHz         64QAM         26865         75RB#0           15MHz         64QAM         26865         75RB#0           15MHz         64QAM         26915         75RB#0 | 10MHz         16QAM         26915         50RB#0         8.915           10MHz         16QAM         26990         50RB#0         8.899           10MHz         64QAM         26840         50RB#0         8.929           10MHz         64QAM         26915         50RB#0         8.924           10MHz         64QAM         26990         50RB#0         8.926           15MHz         QPSK         26865         75RB#0         13.448           15MHz         QPSK         26915         75RB#0         13.475           15MHz         16QAM         26865         75RB#0         13.434           15MHz         16QAM         26915         75RB#0         13.461           15MHz         16QAM         26965         75RB#0         13.449           15MHz         64QAM         26865         75RB#0         13.449           15MHz         64QAM         26865         75RB#0         13.443 | 10MHz         16QAM         26915         50RB#0         8.915         9.67           10MHz         16QAM         26990         50RB#0         8.899         9.60           10MHz         64QAM         26840         50RB#0         8.929         9.67           10MHz         64QAM         26915         50RB#0         8.924         9.63           10MHz         64QAM         26990         50RB#0         8.926         9.63           15MHz         QPSK         26865         75RB#0         13.448         14.75           15MHz         QPSK         26915         75RB#0         13.472         14.80           15MHz         16QAM         26865         75RB#0         13.434         14.75           15MHz         16QAM         26915         75RB#0         13.461         14.80           15MHz         16QAM         26965         75RB#0         13.449         14.85           15MHz         64QAM         26865         75RB#0         13.443         14.95           15MHz         64QAM         26915         75RB#0         13.443         14.80 |



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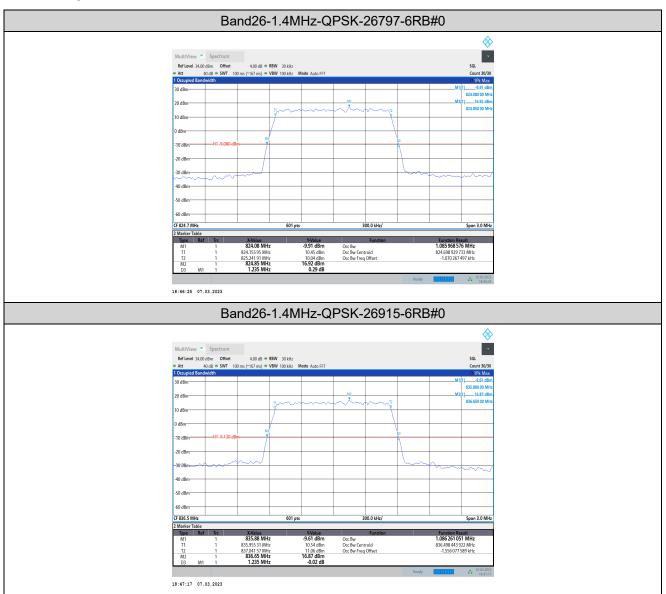


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#### **Test Graphs**





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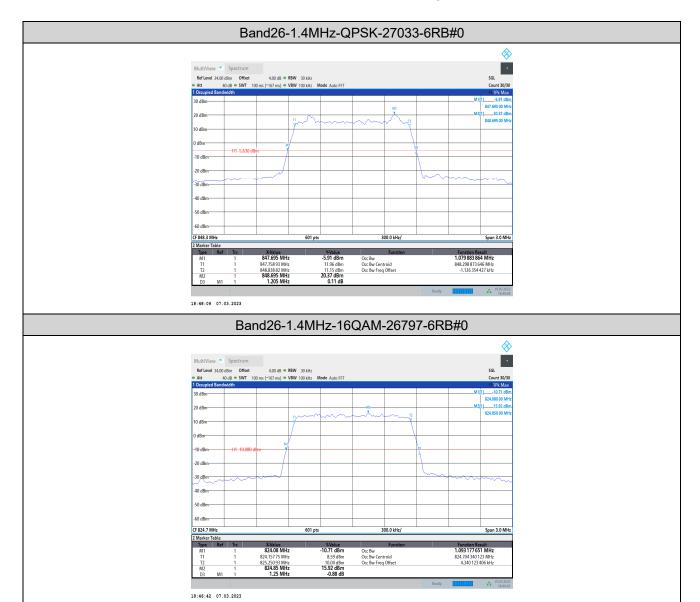
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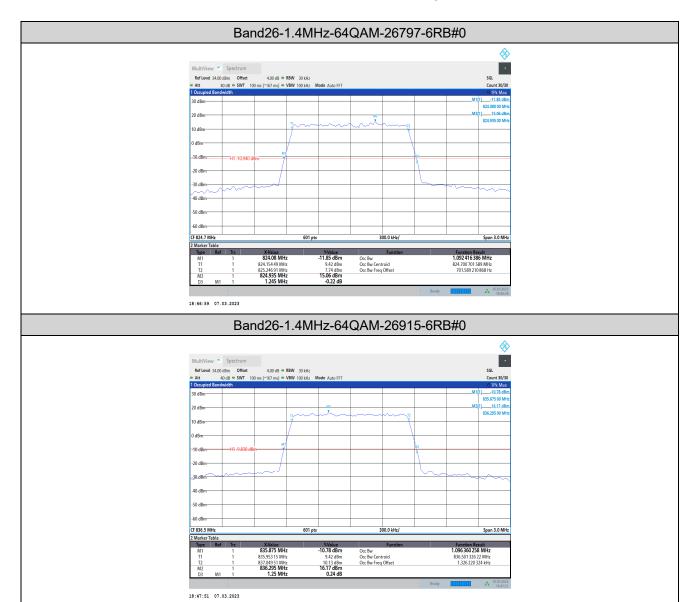
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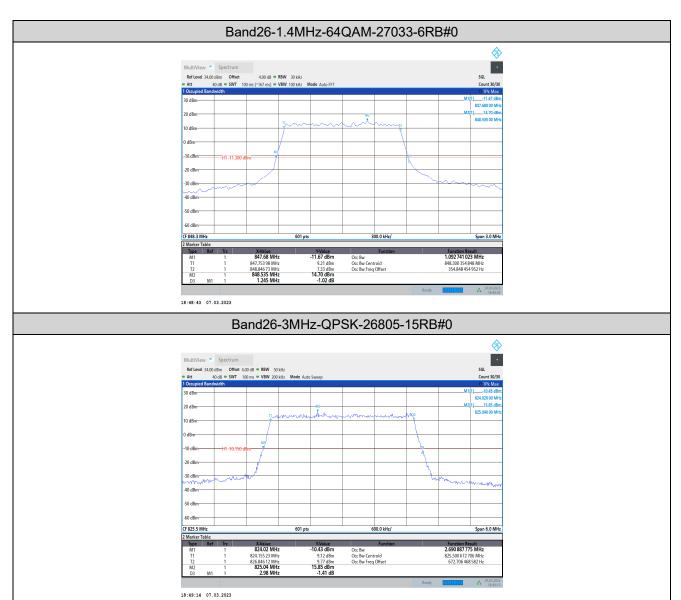
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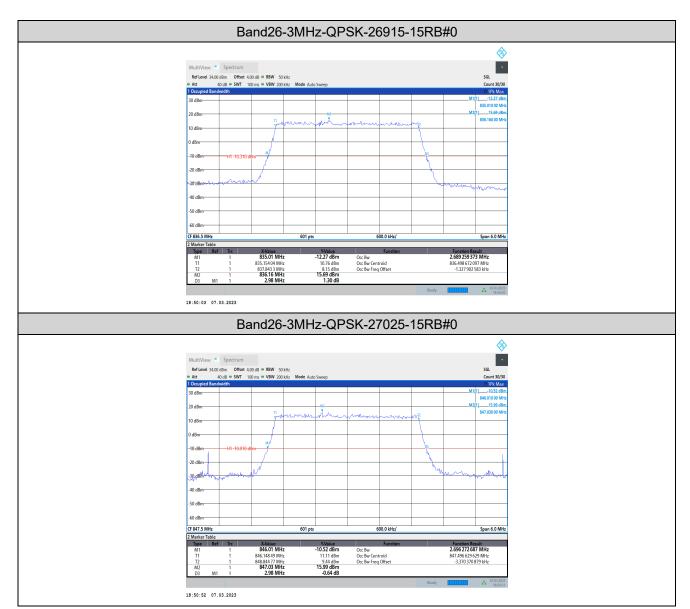
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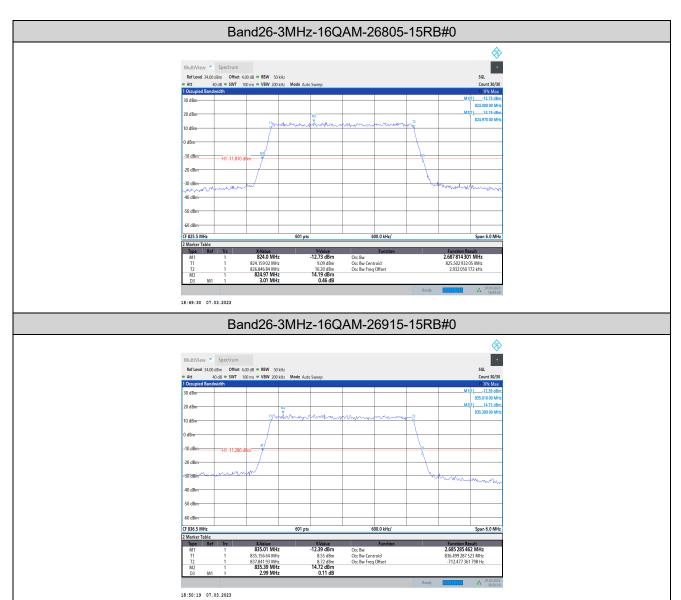
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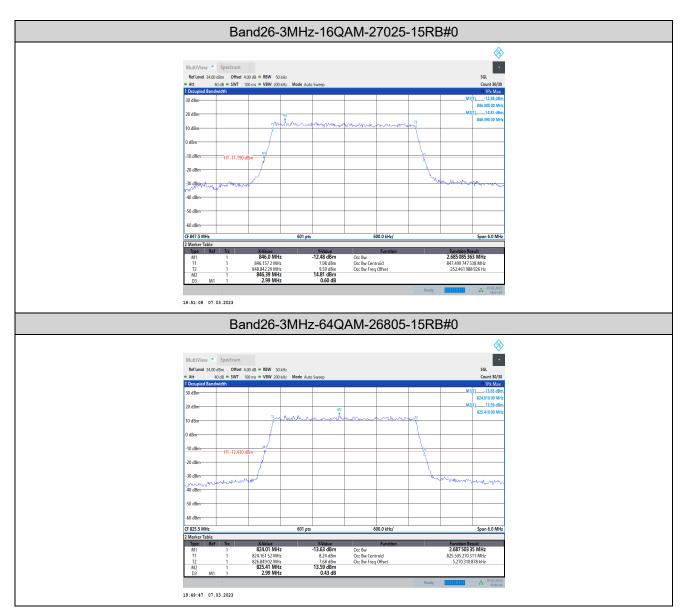
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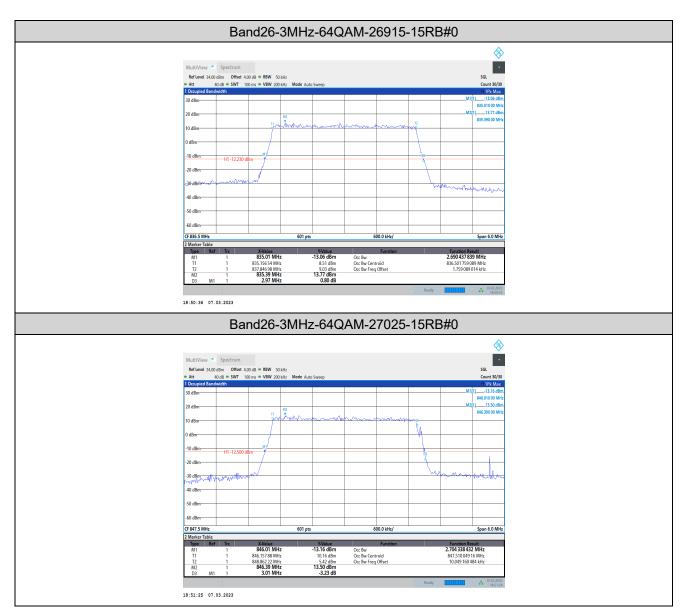
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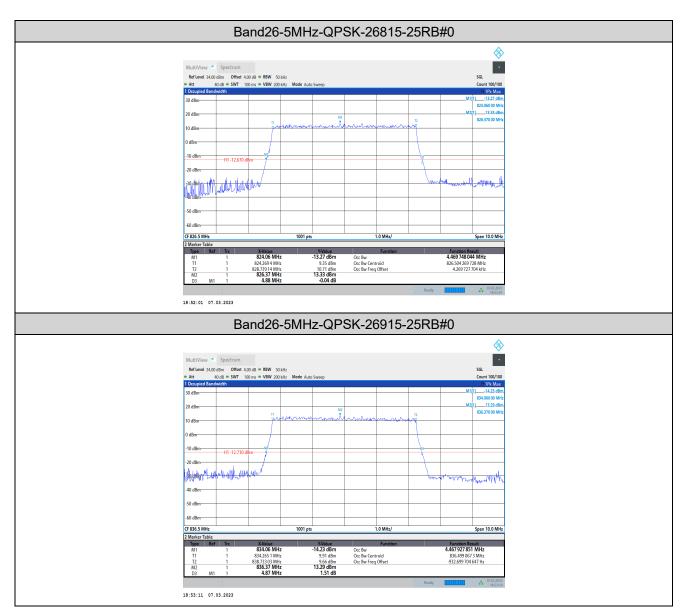
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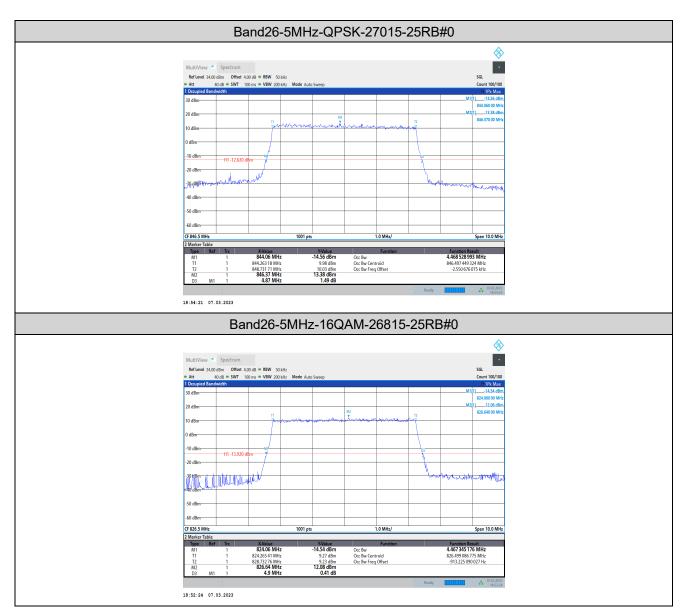
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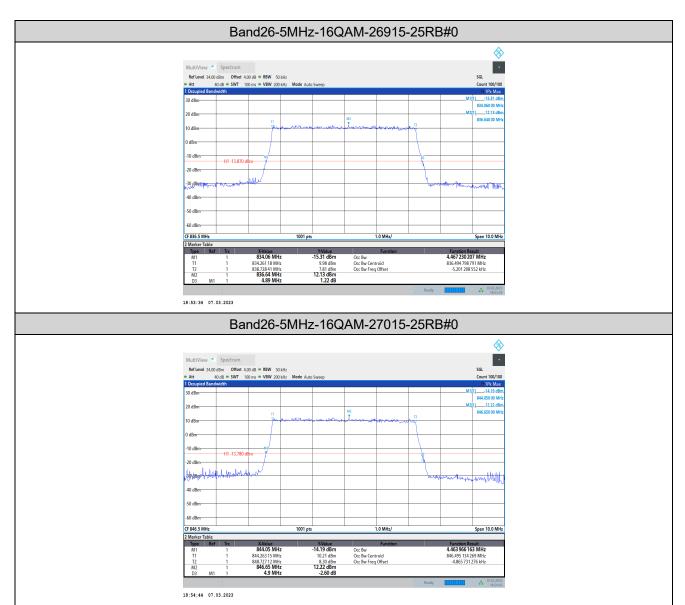
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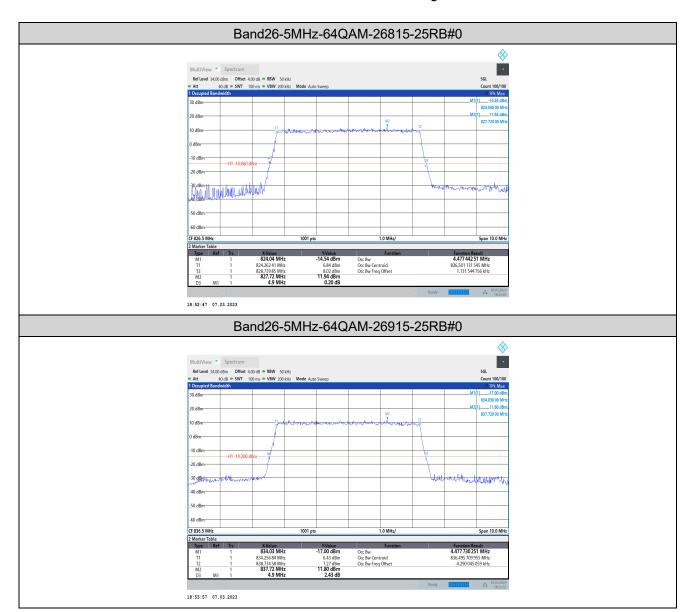
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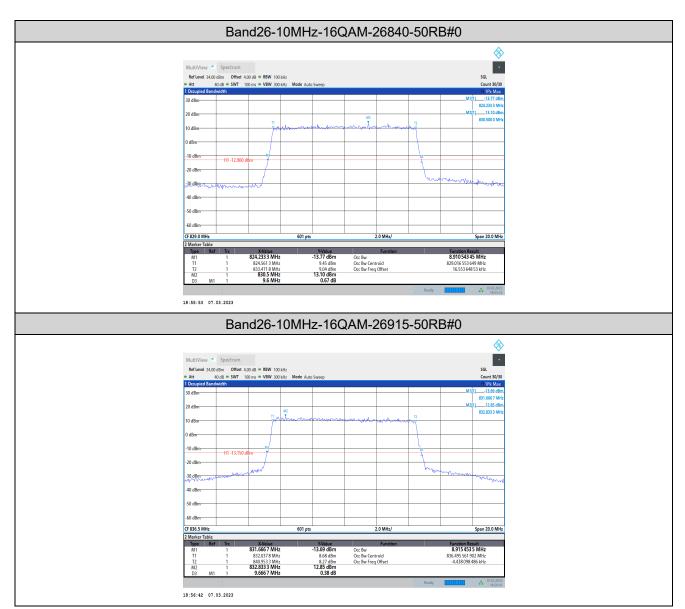
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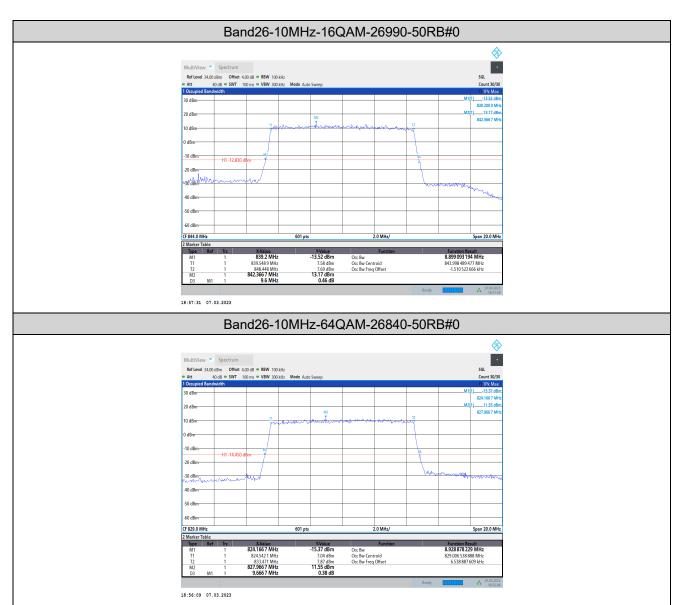
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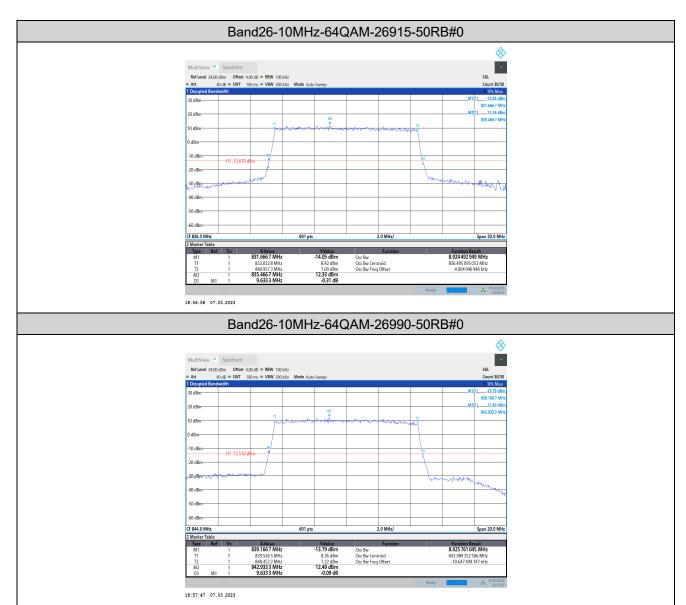
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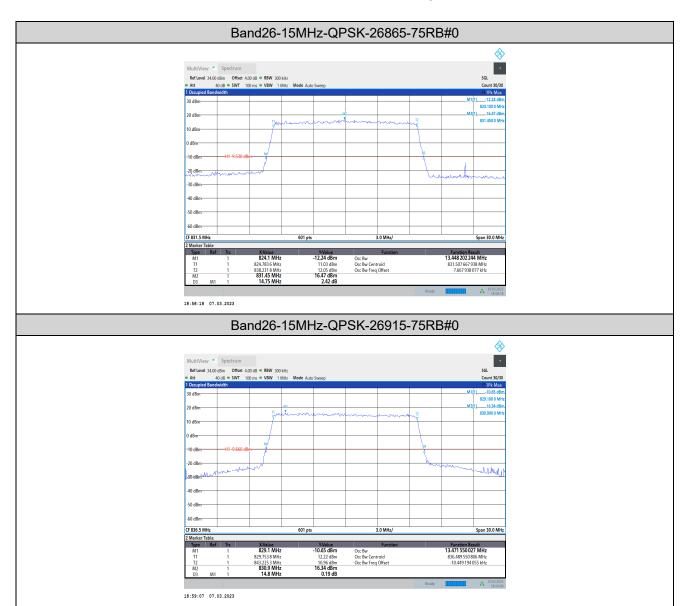
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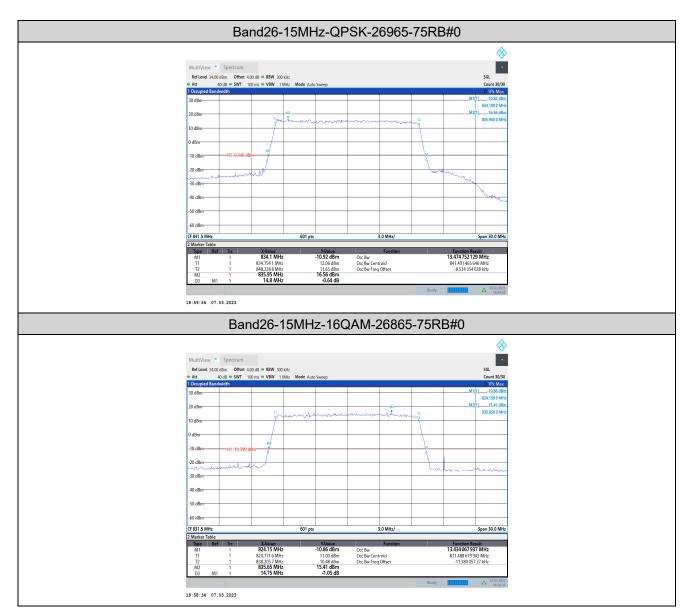
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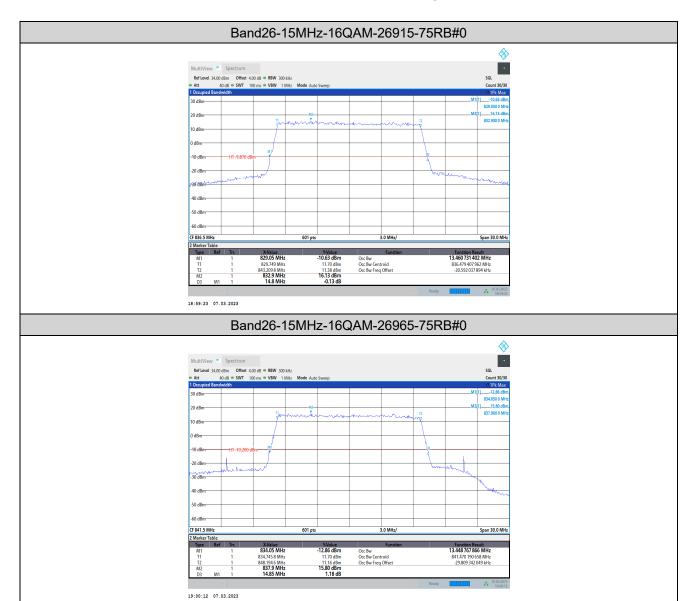
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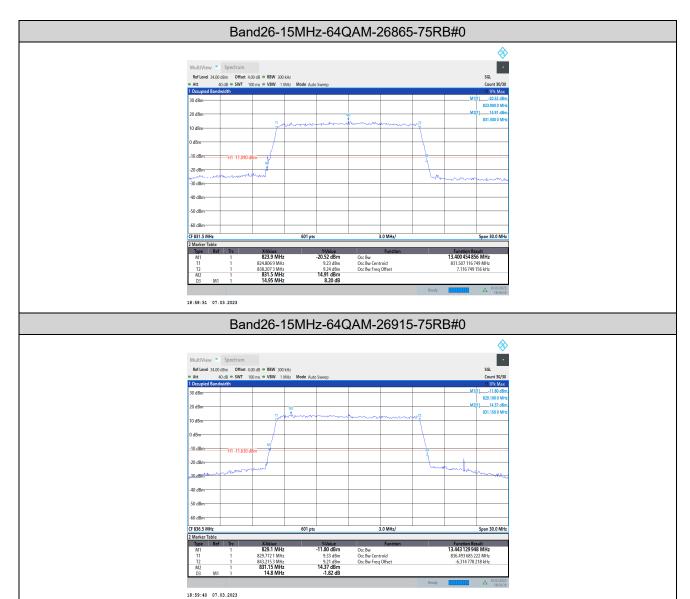
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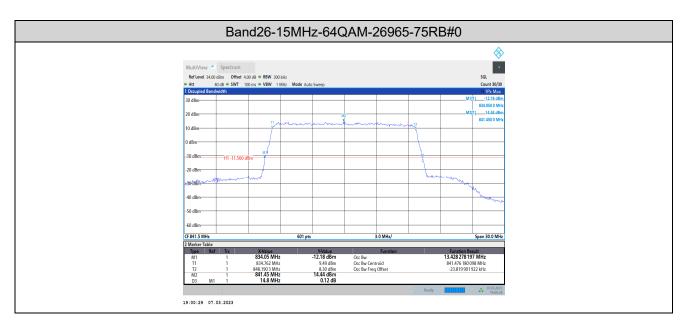
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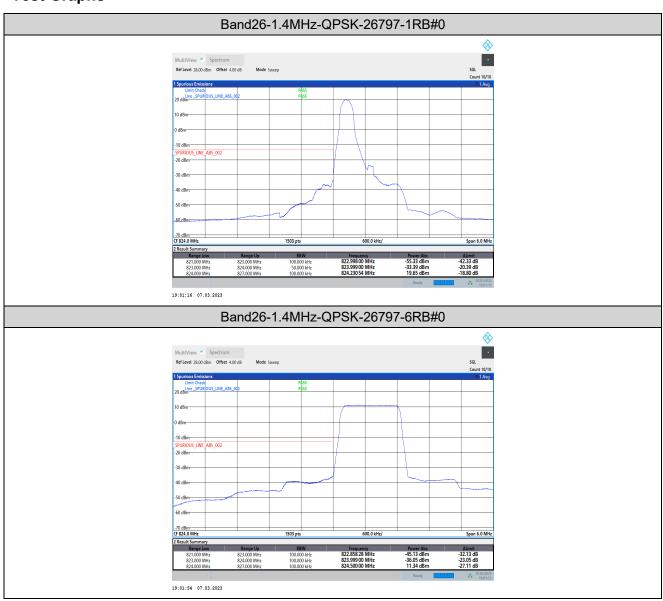
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#### **Band Edge**

#### **Test Graphs**





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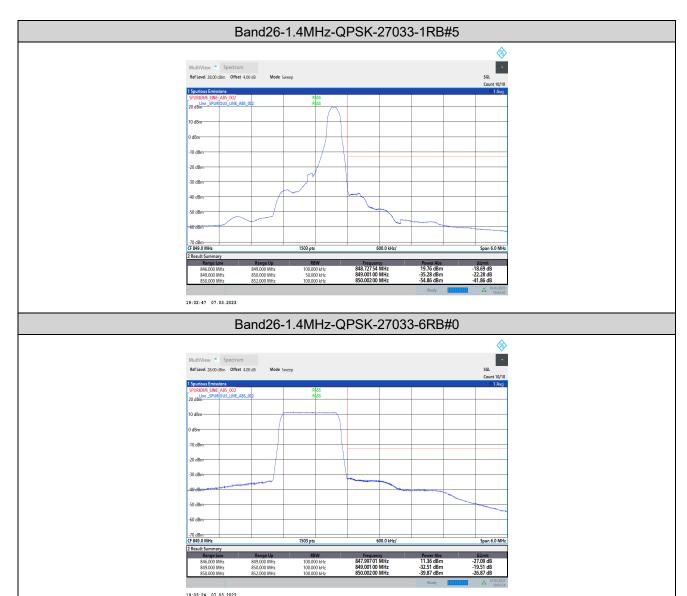
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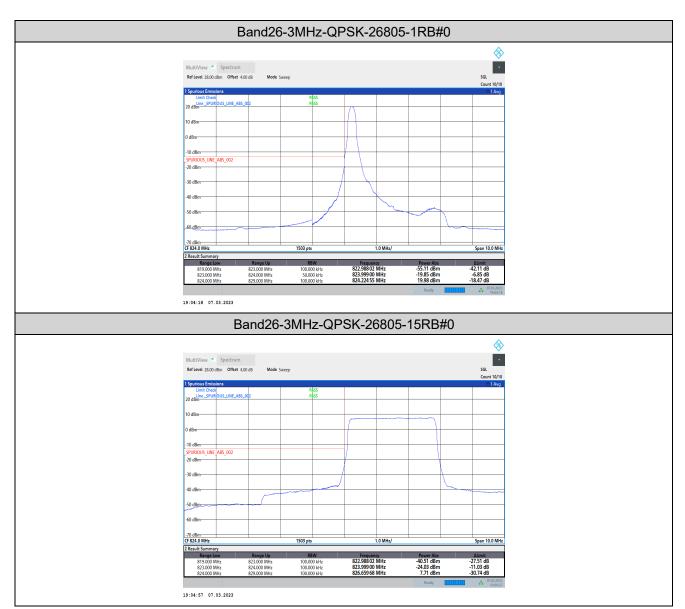
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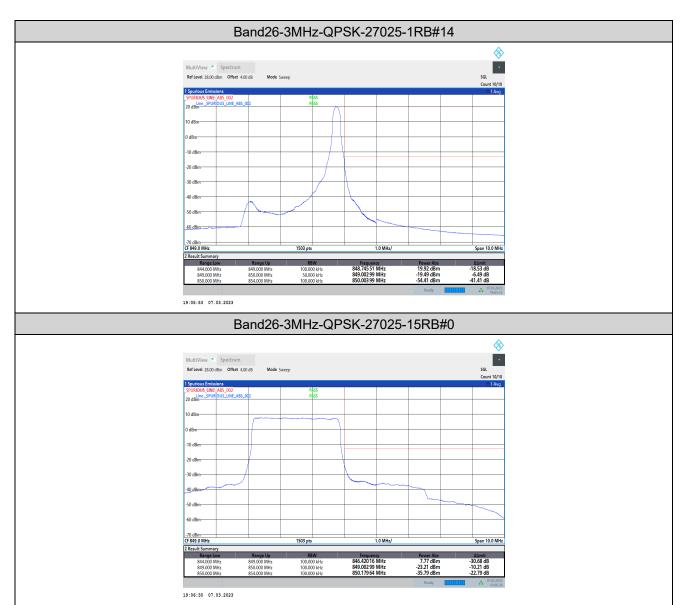
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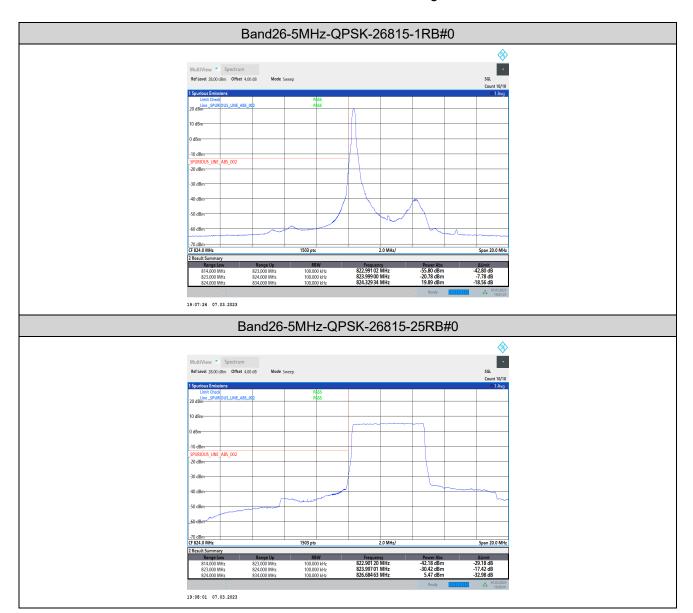
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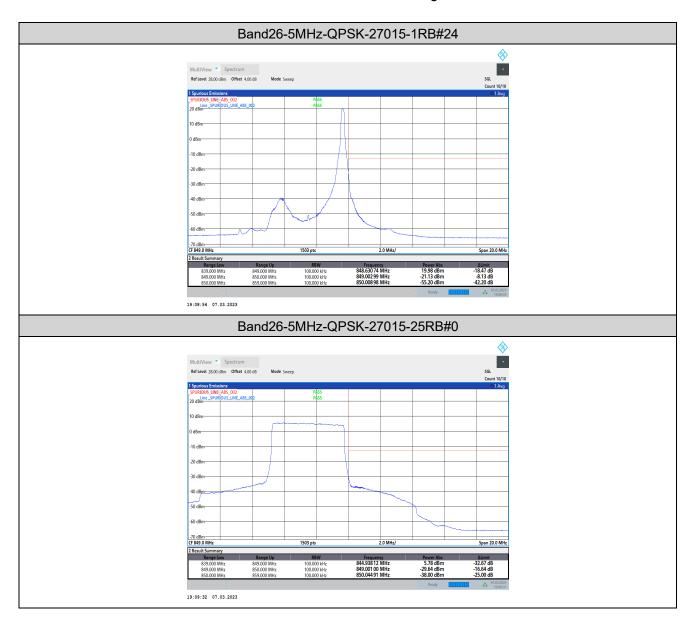
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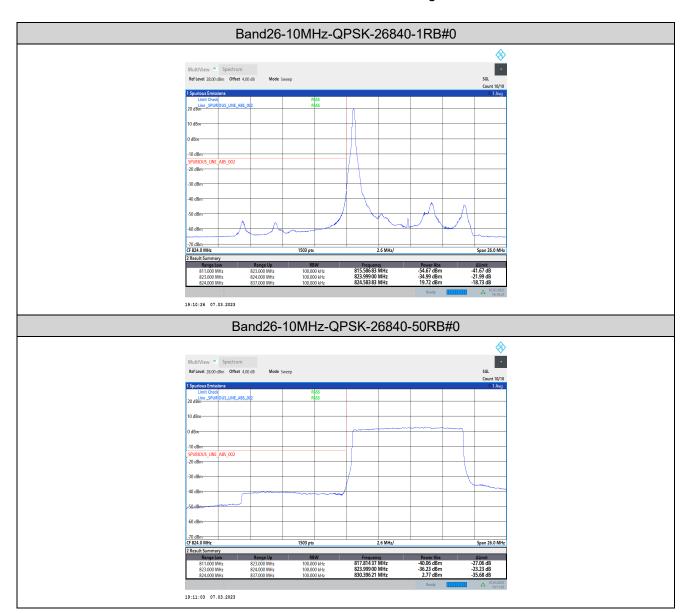
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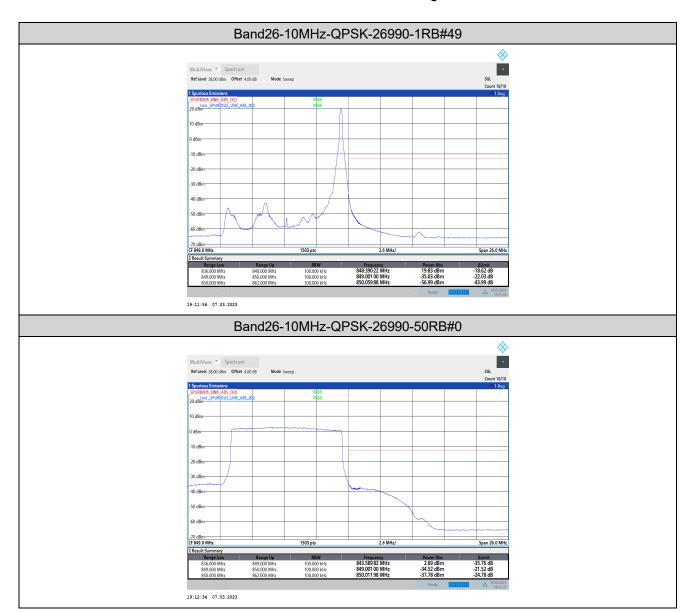
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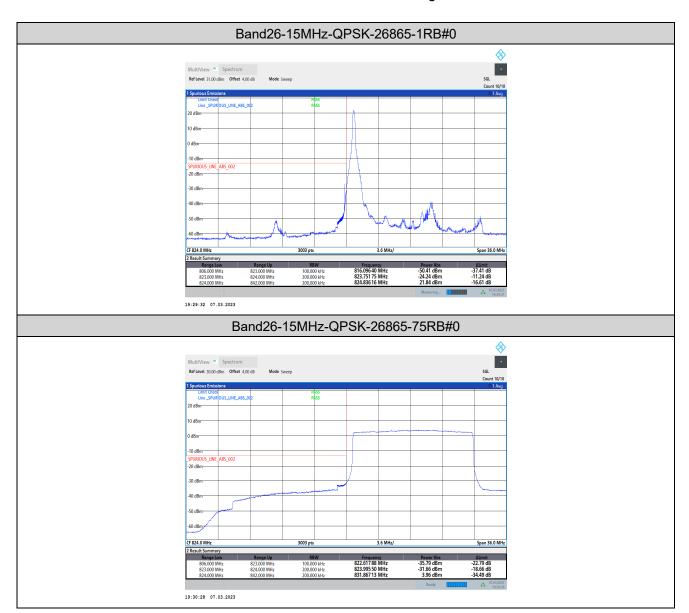
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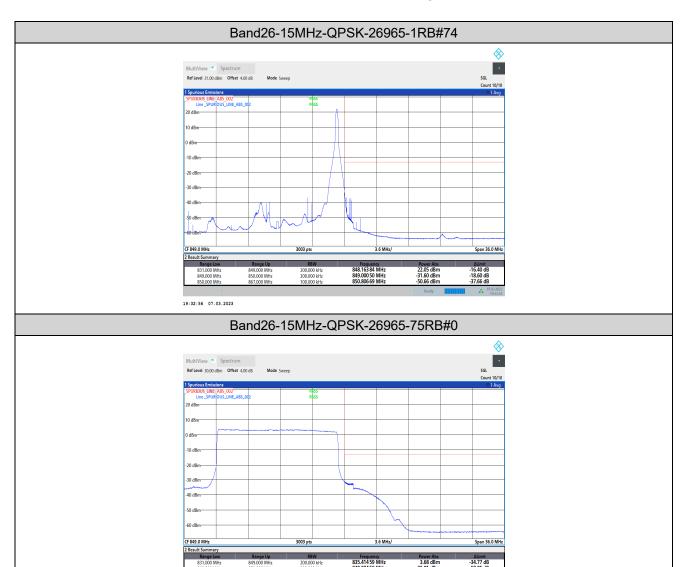
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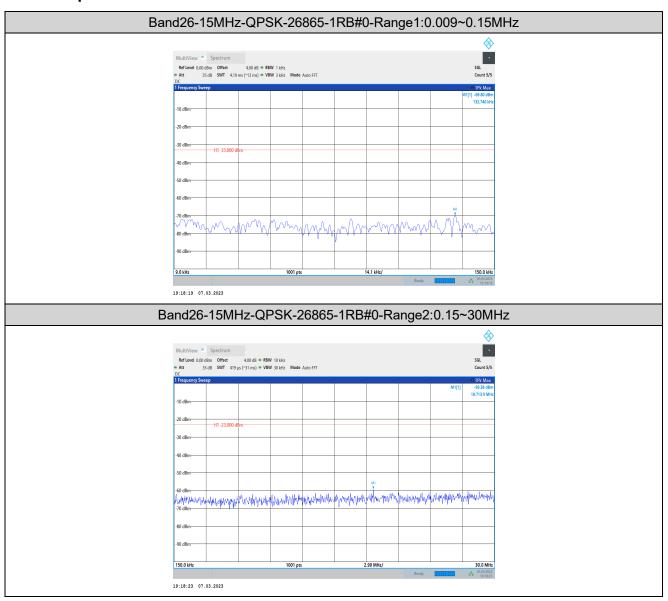
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#### **Conducted Spurious Emission**

#### **Test Graphs**





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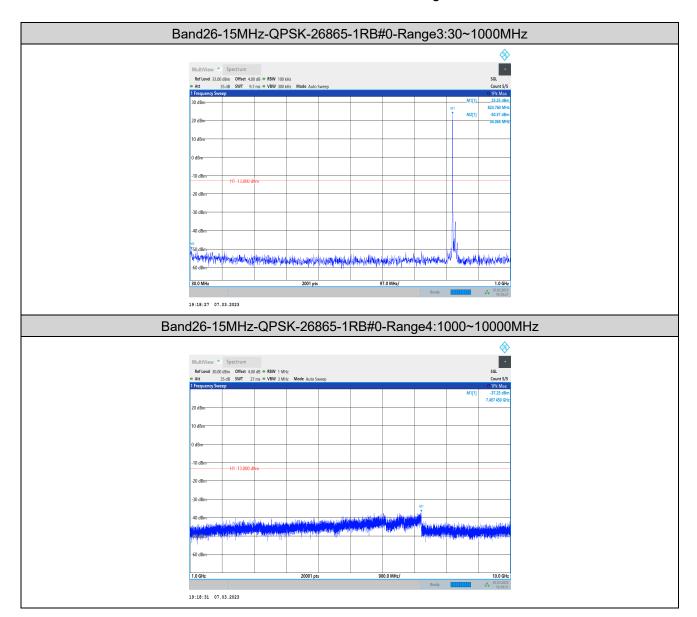
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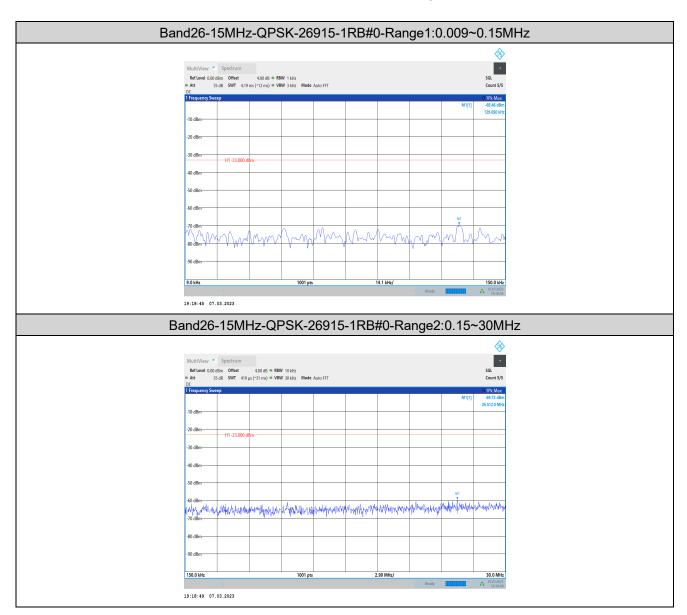
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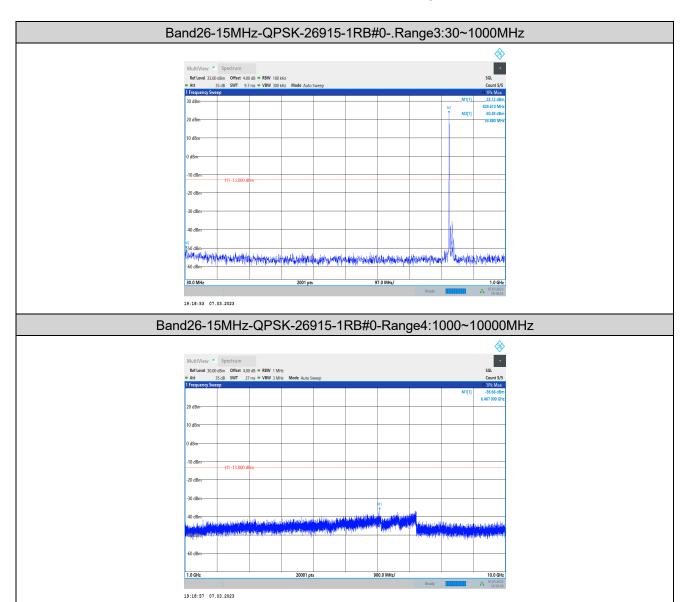
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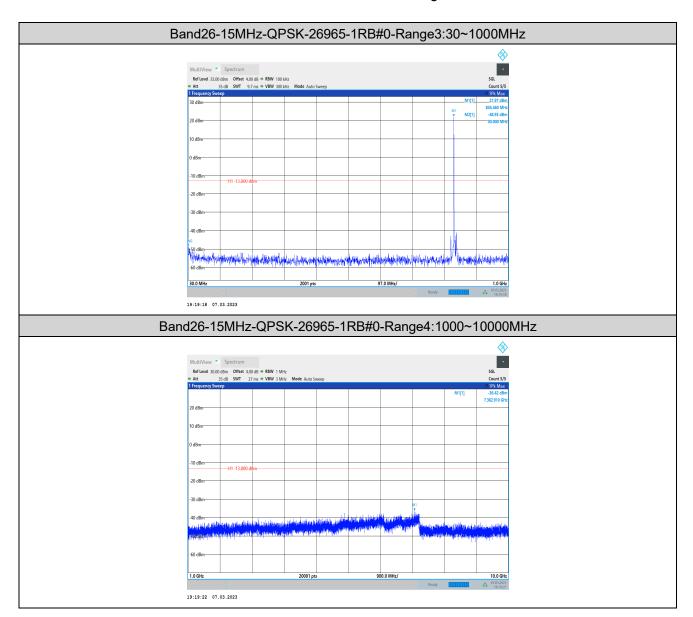
South of No. 6 Pfart, No. 1, Runsheng Read, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



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#### **Field Strength of Spurious Radiation**

# Test Band = LTE Band 26 BW 15M\_ TM1 Test Channel = Low Channel

| Final | Data List |         |        |           |        |        |        |        |       |            |  |
|-------|-----------|---------|--------|-----------|--------|--------|--------|--------|-------|------------|--|
| NO    | Frequency | Reading | Factor | A [[- D/1 | Level  | Limit  | Margin | Height | Angle | D-1it-     |  |
| NO.   | [MHz]     | [dBµV]  | [dB]   | AF[dB/m]  | [dBm]  | [dBm]  | [dB]   | [cm]   | [°]   | Polarity   |  |
| 1     | 1649.68   | 45.15   | -48.38 | 25.58     | -72.92 | -13.00 | 59.92  | 142    | 186   | Horizontal |  |
| 2     | 2474.52   | 43.70   | -46.96 | 27.85     | -70.67 | -13.00 | 57.67  | 285    | 297   | Horizontal |  |
| 3     | 3299.36   | 42.97   | -46.11 | 29.48     | -68.92 | -13.00 | 55.92  | 263    | 1     | Horizontal |  |
| 4     | 4124.2    | 41.25   | -45.34 | 30.80     | -68.55 | -13.00 | 55.55  | 214    | 202   | Horizontal |  |
| 5     | 4949.04   | 41.75   | -45.08 | 32.48     | -66.11 | -13.00 | 53.11  | 296    | 265   | Horizontal |  |
| 6     | 5773.88   | 42.08   | -43.52 | 33.48     | -63.23 | -13.00 | 50.23  | 224    | 202   | Horizontal |  |

| Fina | Data List |         |        |            |        |        |        |        |       |          |  |
|------|-----------|---------|--------|------------|--------|--------|--------|--------|-------|----------|--|
| NO   | Frequency | Reading | Factor | Λ Γ[dD/ma] | Level  | Limit  | Margin | Height | Angle | Dolovity |  |
| NO.  | [MHz]     | [dBµV]  | [dB]   | AF[dB/m]   | [dBm]  | [dBm]  | [dB]   | [cm]   | [°]   | Polarity |  |
| 1    | 1649.68   | 44.38   | -48.38 | 25.58      | -73.69 | -13.00 | 60.69  | 196    | 360   | Vertical |  |
| 2    | 2474.52   | 43.62   | -46.96 | 27.85      | -70.75 | -13.00 | 57.75  | 265    | 265   | Vertical |  |
| 3    | 3299.36   | 43.34   | -46.11 | 29.48      | -68.55 | -13.00 | 55.55  | 241    | 173   | Vertical |  |
| 4    | 4124.2    | 42.15   | -45.34 | 30.80      | -67.65 | -13.00 | 54.65  | 142    | 156   | Vertical |  |
| 5    | 4949.04   | 42.98   | -45.08 | 32.48      | -64.88 | -13.00 | 51.88  | 263    | 188   | Vertical |  |
| 6    | 5773.88   | 41.81   | -43.52 | 33.48      | -63.50 | -13.00 | 50.50  | 224    | 313   | Vertical |  |



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# Test Band = LTE Band 26 BW 15M\_ TM1 Test Channel = Mid Channel

| Final | Data List |         |        |          |        |        |        |        |       |            |  |
|-------|-----------|---------|--------|----------|--------|--------|--------|--------|-------|------------|--|
| NO    | Frequency | Reading | Factor | AELID/ 1 | Level  | Limit  | Margin | Height | Angle |            |  |
| NO.   | [MHz]     | [dBµV]  | [dB]   | AF[dB/m] | [dBm]  | [dBm]  | [dB]   | [cm]   | [°]   | Polarity   |  |
| 1     | 1659.68   | 45.24   | -48.35 | 25.57    | -72.80 | -13.00 | 59.80  | 296    | 141   | Horizontal |  |
| 2     | 2489.52   | 43.84   | -46.83 | 27.88    | -70.37 | -13.00 | 57.37  | 265    | 300   | Horizontal |  |
| 3     | 3319.36   | 43.11   | -46.14 | 29.47    | -68.82 | -13.00 | 55.82  | 241    | 345   | Horizontal |  |
| 4     | 4149.2    | 42.07   | -45.26 | 30.84    | -67.61 | -13.00 | 54.61  | 142    | 63    | Horizontal |  |
| 5     | 4979.04   | 42.50   | -45.04 | 32.55    | -65.25 | -13.00 | 52.25  | 263    | 188   | Horizontal |  |
| 6     | 5805.88   | 42.03   | -43.49 | 33.58    | -63.14 | -13.00 | 50.14  | 228    | 2     | Horizontal |  |

| Final | Data List |         |        |          |        |        |        |        |       |          |  |
|-------|-----------|---------|--------|----------|--------|--------|--------|--------|-------|----------|--|
| NO    | Frequency | Reading | Factor | Λ.ΓID/1  | Level  | Limit  | Margin | Height | Angle |          |  |
| NO.   | [MHz]     | [dBµV]  | [dB]   | AF[dB/m] | [dBm]  | [dBm]  | [dB]   | [cm]   | [°]   | Polarity |  |
| 1     | 1659.68   | 44.63   | -48.35 | 25.57    | -73.41 | -13.00 | 60.41  | 285    | 188   | Vertical |  |
| 2     | 2489.52   | 44.02   | -46.83 | 27.88    | -70.19 | -13.00 | 57.19  | 241    | 125   | Vertical |  |
| 3     | 3319.36   | 43.50   | -46.14 | 29.47    | -68.43 | -13.00 | 55.43  | 142    | 16    | Vertical |  |
| 4     | 4149.2    | 41.71   | -45.26 | 30.84    | -67.97 | -13.00 | 54.97  | 263    | 360   | Vertical |  |
| 5     | 4979.04   | 42.10   | -45.04 | 32.55    | -65.65 | -13.00 | 52.65  | 225    | 140   | Vertical |  |
| 6     | 5805.88   | 42.37   | -43.49 | 33.58    | -62.80 | -13.00 | 49.80  | 188    | 314   | Vertical |  |



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# Test Band = LTE Band 26 BW 15M\_ TM1 Test Channel = High Channel

| Final | Data List |         |        |          |        |        |        |        |       |            |  |
|-------|-----------|---------|--------|----------|--------|--------|--------|--------|-------|------------|--|
| NO    | Frequency | Reading | Factor | AE(10/ 1 | Level  | Limit  | Margin | Height | Angle | D 1 .;     |  |
| NO.   | [MHz]     | [dBµV]  | [dB]   | AF[dB/m] | [dBm]  | [dBm]  | [dB]   | [cm]   | [°]   | Polarity   |  |
| 1     | 1669.68   | 45.08   | -48.32 | 25.57    | -72.94 | -13.00 | 59.94  | 254    | 315   | Horizontal |  |
| 2     | 2504.52   | 43.48   | -46.76 | 27.92    | -70.63 | -13.00 | 57.63  | 174    | 0     | Horizontal |  |
| 3     | 3339.36   | 43.18   | -46.18 | 29.46    | -68.79 | -13.00 | 55.79  | 142    | 190   | Horizontal |  |
| 4     | 4174.2    | 42.13   | -45.19 | 30.88    | -67.44 | -13.00 | 54.44  | 263    | 32    | Horizontal |  |
| 5     | 5009.04   | 42.35   | -44.97 | 32.60    | -65.28 | -13.00 | 52.28  | 228    | 142   | Horizontal |  |
| 6     | 5843.88   | 42.10   | -43.37 | 33.70    | -62.83 | -13.00 | 49.83  | 245    | 0     | Horizontal |  |

| Final | Data List |         |        |            |        |        |        |        |       |          |  |
|-------|-----------|---------|--------|------------|--------|--------|--------|--------|-------|----------|--|
| NO.   | Frequency | Reading | Factor | Λ Γ[dD/ma] | Level  | Limit  | Margin | Height | Angle | Dolovity |  |
| NO.   | [MHz]     | [dBµV]  | [dB]   | AF[dB/m]   | [dBm]  | [dBm]  | [dB]   | [cm]   | [°]   | Polarity |  |
| 1     | 1669.68   | 45.88   | -48.32 | 25.57      | -72.14 | -13.00 | 59.14  | 296    | 203   | Vertical |  |
| 2     | 2504.52   | 43.25   | -46.76 | 27.92      | -70.86 | -13.00 | 57.86  | 265    | 236   | Vertical |  |
| 3     | 3339.36   | 43.48   | -46.18 | 29.46      | -68.49 | -13.00 | 55.49  | 284    | 77    | Vertical |  |
| 4     | 4174.2    | 42.02   | -45.19 | 30.88      | -67.55 | -13.00 | 54.55  | 174    | 251   | Vertical |  |
| 5     | 5009.04   | 42.86   | -44.97 | 32.60      | -64.77 | -13.00 | 51.77  | 142    | 251   | Vertical |  |
| 6     | 5843.88   | 42.39   | -43.37 | 33.70      | -62.54 | -13.00 | 49.54  | 263    | 267   | 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<br>Configure | Voltage<br>[Vdc] | Temperature (°C) | Deviation<br>(Hz) | Deviation (ppm) | Limit<br>(ppm) | Verdict |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | VL               | NT               | 0.70              | 0.000837        | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | VN               | NT               | -3.20             | -0.003825       | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | VH               | NT               | -4.40             | -0.005260       | ±2.5           | PASS    |

|        |           |            |         | 1               | Temperatu        | re               |                   |                    |                |         |
|--------|-----------|------------|---------|-----------------|------------------|------------------|-------------------|--------------------|----------------|---------|
| Band   | Bandwidth | Modulation | Channel | RB<br>Configure | Voltage<br>[Vdc] | Temperature (°C) | Deviation<br>(Hz) | Deviation<br>(ppm) | Limit<br>(ppm) | Verdict |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | -30              | -0.80             | -0.000956          | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | -20              | 1.10              | 0.001315           | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | -10              | 3.30              | 0.003945           | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | 0                | 0.90              | 0.001076           | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | 10               | 1.60              | 0.001913           | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | 20               | -3.60             | -0.004304          | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | 30               | -3.20             | -0.003825          | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | 40               | -3.10             | -0.003706          | ±2.5           | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0          | NV               | 50               | -3.10             | -0.003706          | ±2.5           | PASS    |

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