



# Appendix B

## E-UTRA Band 26



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (CMA, CNAS, ILAC) Laboratory

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## 1. Effective (Isotropic) Radiated Power

### 1.1. Test Result

| BAND   | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26797   | 1RB#0            | 23.20                | 25.05     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 1RB#2            | 23.01                | 24.86     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 1RB#5            | 22.89                | 24.74     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 3RB#0            | 22.98                | 24.83     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 3RB#1            | 22.95                | 24.80     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 3RB#3            | 23.01                | 24.86     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 22.10                | 23.95     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 1RB#0            | 23.42                | 25.27     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 1RB#2            | 23.40                | 25.25     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 1RB#5            | 23.37                | 25.22     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 3RB#0            | 23.28                | 25.13     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 3RB#1            | 23.42                | 25.27     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 3RB#3            | 23.33                | 25.18     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 6RB#0            | 22.39                | 24.24     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 1RB#0            | 23.50                | 25.35     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 1RB#2            | 23.48                | 25.33     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 1RB#5            | 23.49                | 25.34     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 3RB#0            | 23.36                | 25.21     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 3RB#1            | 23.33                | 25.18     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 3RB#3            | 23.34                | 25.19     | 38.45       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 6RB#0            | 22.34                | 24.19     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 1RB#0            | 22.35                | 24.20     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 1RB#2            | 22.14                | 23.99     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 1RB#5            | 22.15                | 24.00     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 3RB#0            | 22.10                | 23.95     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 3RB#1            | 22.09                | 23.94     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 3RB#3            | 22.07                | 23.92     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 21.12                | 22.97     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 1RB#0            | 22.71                | 24.56     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 1RB#2            | 22.61                | 24.46     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 1RB#5            | 22.56                | 24.41     | 38.45       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 3RB#0            | 22.39                | 24.24     | 38.45       | PASS    |



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|        |        |       |       |        |       |       |       |      |
|--------|--------|-------|-------|--------|-------|-------|-------|------|
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#1  | 22.49 | 24.34 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#3  | 22.41 | 24.26 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0  | 21.42 | 23.27 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#0  | 22.55 | 24.40 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#2  | 22.53 | 24.38 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#5  | 22.50 | 24.35 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#0  | 22.44 | 24.29 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#1  | 22.56 | 24.41 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#3  | 22.44 | 24.29 | 38.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0  | 21.46 | 23.31 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#0  | 23.06 | 24.91 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#8  | 23.07 | 24.92 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#14 | 22.99 | 24.84 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 8RB#0  | 22.06 | 23.91 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 8RB#4  | 21.98 | 23.83 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 8RB#7  | 22.03 | 23.88 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 15RB#0 | 22.04 | 23.89 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#0  | 23.34 | 25.19 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#8  | 23.38 | 25.23 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#14 | 23.31 | 25.16 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 8RB#0  | 22.43 | 24.28 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 8RB#4  | 22.41 | 24.26 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 8RB#7  | 22.32 | 24.17 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 15RB#0 | 22.39 | 24.24 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#0  | 23.49 | 25.34 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#8  | 23.68 | 25.53 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#14 | 23.60 | 25.45 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 8RB#0  | 22.51 | 24.36 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 8RB#4  | 22.39 | 24.24 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 8RB#7  | 22.45 | 24.30 | 38.45 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 15RB#0 | 22.45 | 24.30 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#0  | 22.19 | 24.04 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#8  | 22.17 | 24.02 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#14 | 22.27 | 24.12 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 8RB#0  | 21.12 | 22.97 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 8RB#4  | 21.01 | 22.86 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 8RB#7  | 21.06 | 22.91 | 38.45 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 15RB#0 | 21.12 | 22.97 | 38.45 | PASS |



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|        |      |       |       |         |       |       |       |      |
|--------|------|-------|-------|---------|-------|-------|-------|------|
| Band26 | 3MHz | 16QAM | 26915 | 1RB#0   | 22.48 | 24.33 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#8   | 22.54 | 24.39 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#14  | 22.45 | 24.30 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#0   | 21.40 | 23.25 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#4   | 21.41 | 23.26 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#7   | 21.45 | 23.30 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 15RB#0  | 21.34 | 23.19 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#0   | 22.67 | 24.52 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#8   | 22.62 | 24.47 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#14  | 22.74 | 24.59 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#0   | 21.53 | 23.38 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#4   | 21.45 | 23.30 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#7   | 21.57 | 23.42 | 38.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0  | 21.55 | 23.40 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#0   | 23.02 | 24.87 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#12  | 23.10 | 24.95 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#24  | 22.77 | 24.62 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#0  | 22.11 | 23.96 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#6  | 21.99 | 23.84 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#13 | 21.94 | 23.79 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26815 | 25RB#0  | 21.97 | 23.82 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#0   | 23.28 | 25.13 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#12  | 23.45 | 25.30 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#24  | 23.10 | 24.95 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#0  | 22.41 | 24.26 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#6  | 22.27 | 24.12 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#13 | 22.24 | 24.09 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 26915 | 25RB#0  | 22.48 | 24.33 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#0   | 23.52 | 25.37 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#12  | 23.64 | 25.49 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#24  | 23.43 | 25.28 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#0  | 22.46 | 24.31 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#6  | 22.56 | 24.41 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#13 | 22.45 | 24.30 | 38.45 | PASS |
| Band26 | 5MHz | QPSK  | 27015 | 25RB#0  | 22.45 | 24.30 | 38.45 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#0   | 22.32 | 24.17 | 38.45 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#12  | 22.20 | 24.05 | 38.45 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#24  | 22.20 | 24.05 | 38.45 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band26 | 5MHz  | 16QAM | 26815 | 12RB#0  | 21.16 | 23.01 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26815 | 12RB#6  | 21.02 | 22.87 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26815 | 12RB#13 | 21.05 | 22.90 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26815 | 25RB#0  | 21.05 | 22.90 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 1RB#0   | 22.64 | 24.49 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 1RB#12  | 22.69 | 24.54 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 1RB#24  | 22.47 | 24.32 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 12RB#0  | 21.43 | 23.28 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 12RB#6  | 21.34 | 23.19 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 12RB#13 | 21.35 | 23.20 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 25RB#0  | 21.38 | 23.23 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#0   | 22.86 | 24.71 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#12  | 22.75 | 24.60 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#24  | 22.61 | 24.46 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#0  | 21.62 | 23.47 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#6  | 21.59 | 23.44 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#13 | 21.56 | 23.41 | 38.45 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 25RB#0  | 21.62 | 23.47 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#0   | 23.35 | 25.20 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#24  | 23.39 | 25.24 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#49  | 23.02 | 24.87 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#0  | 22.14 | 23.99 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#12 | 22.07 | 23.92 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#25 | 22.09 | 23.94 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 50RB#0  | 22.08 | 23.93 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#0   | 23.20 | 25.05 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#24  | 23.91 | 25.76 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#49  | 22.66 | 24.51 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#0  | 22.77 | 24.62 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#12 | 22.44 | 24.29 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#25 | 22.04 | 23.89 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 50RB#0  | 22.38 | 24.23 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#0   | 23.77 | 25.62 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#24  | 23.59 | 25.44 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#49  | 23.26 | 25.11 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#0  | 22.64 | 24.49 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#12 | 22.52 | 24.37 | 38.45 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#25 | 22.42 | 24.27 | 38.45 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band26 | 10MHz | QPSK  | 26990 | 50RB#0  | 22.55 | 24.40 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0   | 22.50 | 24.35 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#24  | 22.21 | 24.06 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#49  | 22.55 | 24.40 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#0  | 21.16 | 23.01 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#12 | 21.04 | 22.89 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#25 | 21.08 | 22.93 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0  | 21.07 | 22.92 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#0   | 22.90 | 24.75 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#24  | 22.70 | 24.55 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#49  | 22.79 | 24.64 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#0  | 21.31 | 23.16 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#12 | 21.39 | 23.24 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#25 | 21.28 | 23.13 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0  | 21.43 | 23.28 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#0   | 23.10 | 24.95 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#24  | 22.69 | 24.54 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#49  | 23.33 | 25.18 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#0  | 21.56 | 23.41 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#12 | 21.50 | 23.35 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#25 | 21.62 | 23.47 | 38.45 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0  | 21.53 | 23.38 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#0   | 23.56 | 25.41 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#38  | 23.50 | 25.35 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#74  | 23.33 | 25.18 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 36RB#0  | 22.52 | 24.37 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 36RB#18 | 22.41 | 24.26 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 36RB#39 | 22.27 | 24.12 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 75RB#0  | 22.32 | 24.17 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#0   | 23.62 | 25.47 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#38  | 23.98 | 25.83 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#74  | 22.90 | 24.75 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 36RB#0  | 22.73 | 24.58 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 36RB#18 | 22.75 | 24.60 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 36RB#39 | 22.33 | 24.18 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0  | 22.42 | 24.27 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#0   | 23.89 | 25.74 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#38  | 23.48 | 25.33 | 38.45 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band26 | 15MHz | QPSK  | 26965 | 1RB#74  | 23.23 | 25.08 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 36RB#0  | 22.91 | 24.76 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 36RB#18 | 22.57 | 24.42 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 36RB#39 | 22.45 | 24.30 | 38.45 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0  | 22.68 | 24.53 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#0   | 22.74 | 24.59 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#38  | 22.51 | 24.36 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#74  | 22.88 | 24.73 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 36RB#0  | 21.53 | 23.38 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 36RB#18 | 21.32 | 23.17 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 36RB#39 | 21.15 | 23.00 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0  | 21.31 | 23.16 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#0   | 22.77 | 24.62 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#38  | 22.56 | 24.41 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#74  | 23.07 | 24.92 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 36RB#0  | 21.82 | 23.67 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 36RB#18 | 21.56 | 23.41 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 36RB#39 | 21.21 | 23.06 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0  | 21.49 | 23.34 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#0   | 23.12 | 24.97 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#38  | 22.58 | 24.43 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#74  | 23.01 | 24.86 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 36RB#0  | 21.92 | 23.77 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 36RB#18 | 21.65 | 23.50 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 36RB#39 | 21.34 | 23.19 | 38.45 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0  | 21.75 | 23.60 | 38.45 | PASS |

Remark:

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

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

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



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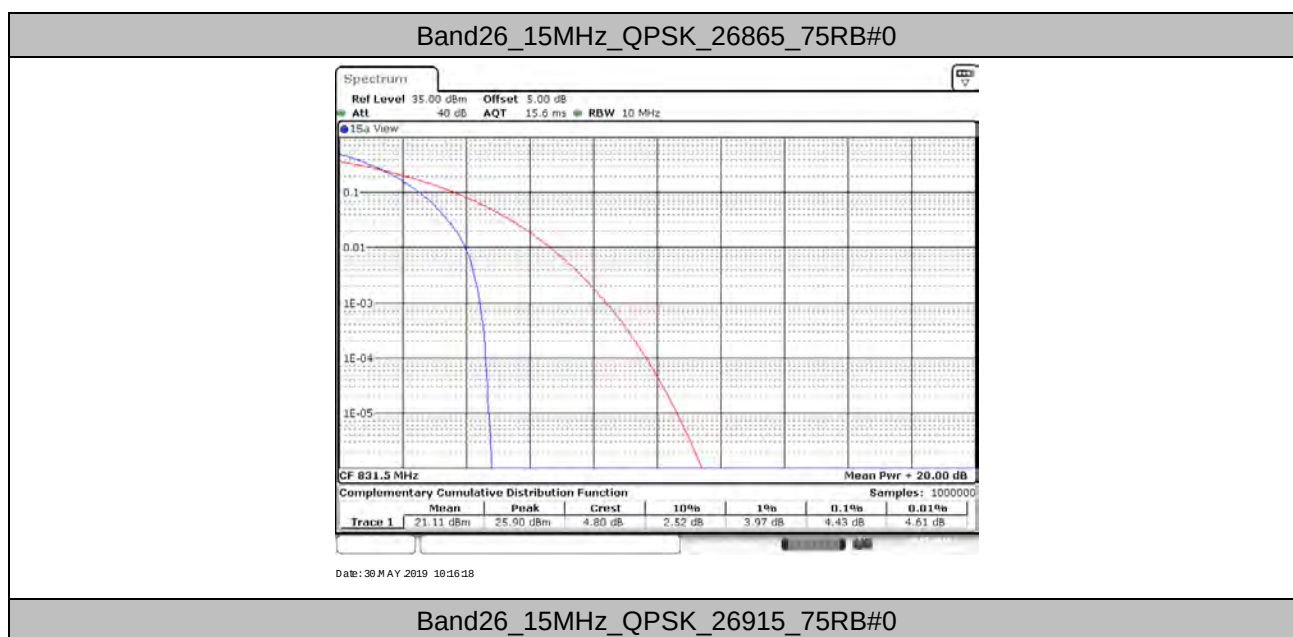


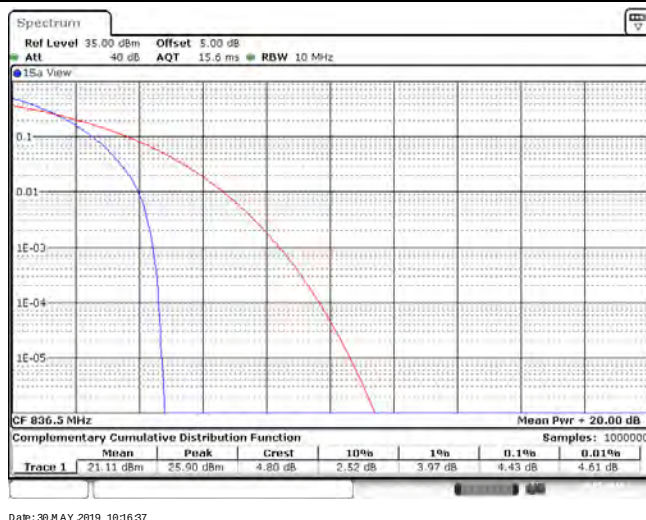
## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

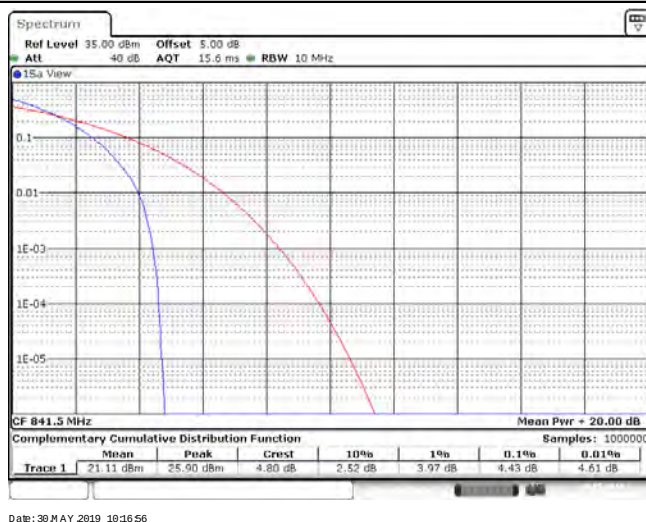
| BAND   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band26 | 15MHz     | QPSK       | 26865   | 75RB#0           | 4.43       | 13        | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0           | 4.43       | 13        | PASS    |
| Band26 | 15MHz     | QPSK       | 26965   | 75RB#0           | 4.43       | 13        | PASS    |
| Band26 | 15MHz     | 16QAM      | 26865   | 75RB#0           | 4.43       | 13        | PASS    |
| Band26 | 15MHz     | 16QAM      | 26915   | 75RB#0           | 4.43       | 13        | PASS    |
| Band26 | 15MHz     | 16QAM      | 26965   | 75RB#0           | 4.43       | 13        | PASS    |

### 2.2. Test Plots



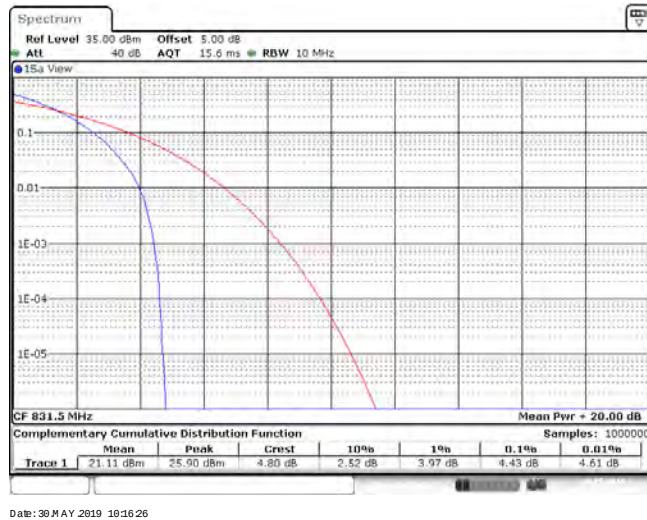


Band26\_15MHz\_QPSK\_26965\_75RB#0



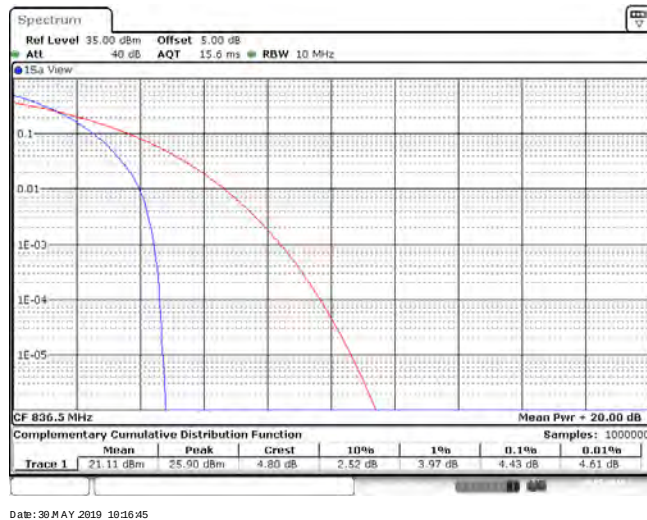
Band26\_15MHz\_16QAM\_26865\_75RB#0





Date: 30 MAY 2019 10:16:26

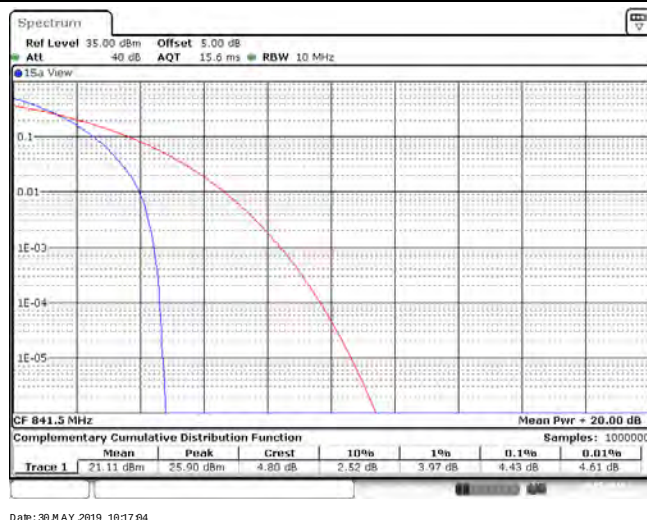
Band26\_15MHz\_16QAM\_26915\_75RB#0



Date: 30 MAY 2019 10:16:45

Band26\_15MHz\_16QAM\_26965\_75RB#0





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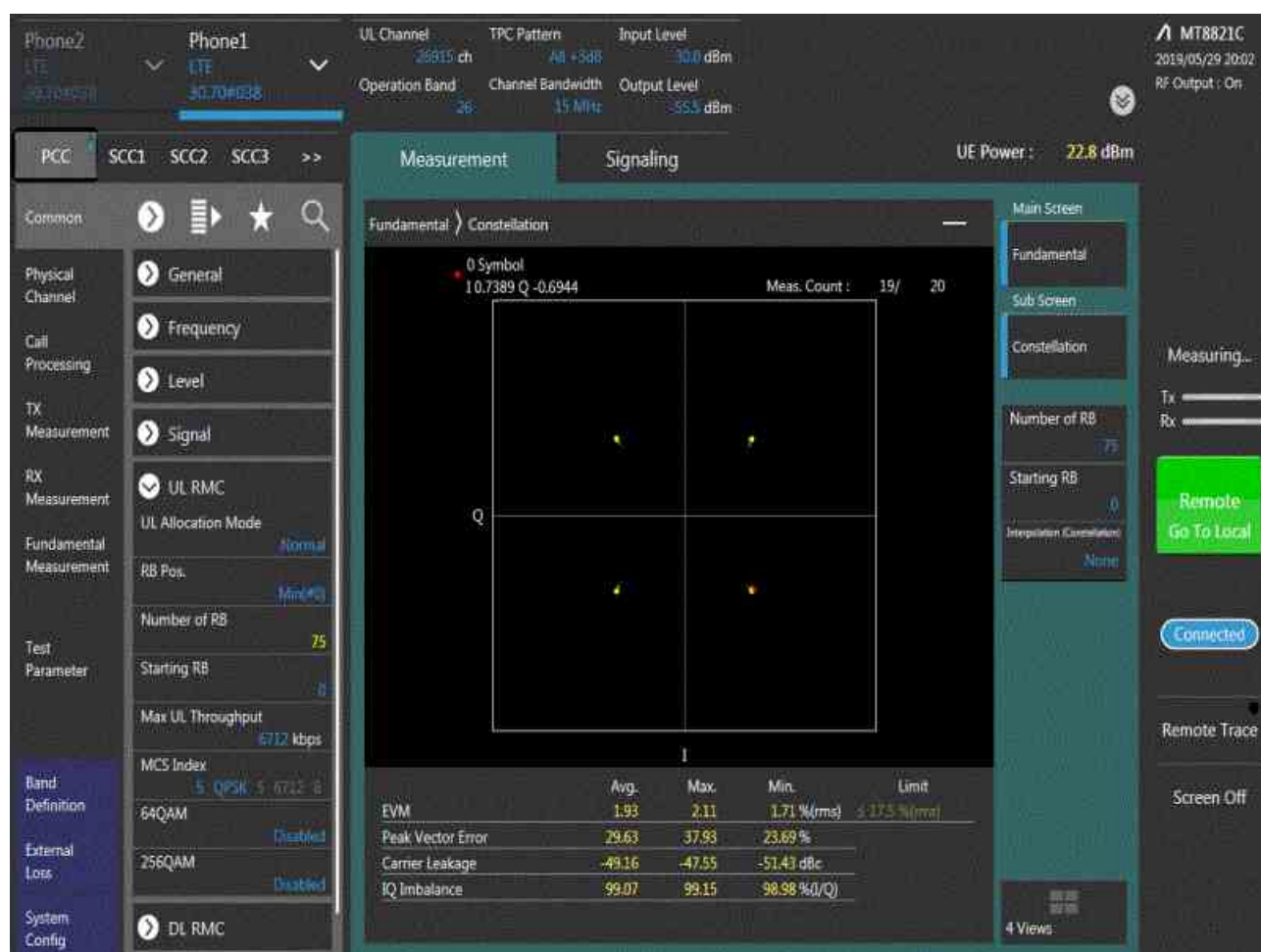
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### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE Band 26

#### 3.2. Test Mode = LTE /TM1 15MHz

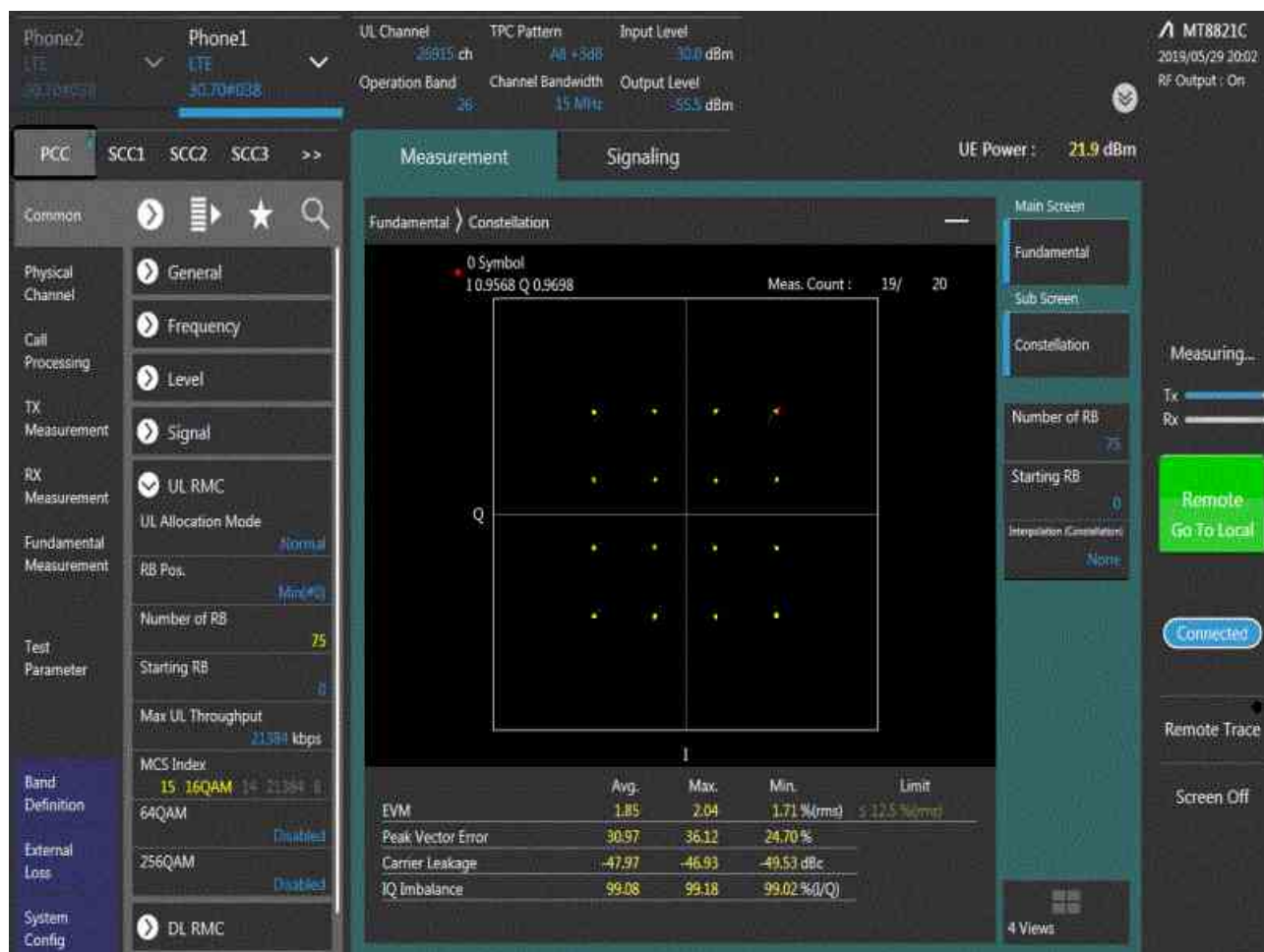
#### 3.2.1. Test Channel = MCH





### 3.3. Test Mode = LTE /TM2 15MHz

#### 3.3.1. Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

| BAND   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 1.100                    | 1.290                | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26915   | 6RB#0            | 1.097                    | 1.311                | PASS    |
| Band26 | 1.4MHz    | QPSK       | 27033   | 6RB#0            | 1.094                    | 1.341                | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 1.097                    | 1.296                | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26915   | 6RB#0            | 1.103                    | 1.317                | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 27033   | 6RB#0            | 1.100                    | 1.311                | PASS    |
| Band26 | 3MHz      | QPSK       | 26805   | 15RB#0           | 2.703                    | 2.976                | PASS    |
| Band26 | 3MHz      | QPSK       | 26915   | 15RB#0           | 2.703                    | 2.994                | PASS    |
| Band26 | 3MHz      | QPSK       | 27025   | 15RB#0           | 2.703                    | 2.994                | PASS    |
| Band26 | 3MHz      | 16QAM      | 26805   | 15RB#0           | 2.703                    | 3.012                | PASS    |
| Band26 | 3MHz      | 16QAM      | 26915   | 15RB#0           | 2.691                    | 3.000                | PASS    |
| Band26 | 3MHz      | 16QAM      | 27025   | 15RB#0           | 2.691                    | 2.988                | PASS    |
| Band26 | 5MHz      | QPSK       | 26815   | 25RB#0           | 4.486                    | 4.960                | PASS    |
| Band26 | 5MHz      | QPSK       | 26915   | 25RB#0           | 4.486                    | 4.930                | PASS    |
| Band26 | 5MHz      | QPSK       | 27015   | 25RB#0           | 4.466                    | 4.930                | PASS    |
| Band26 | 5MHz      | 16QAM      | 26815   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band26 | 5MHz      | 16QAM      | 26915   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band26 | 5MHz      | 16QAM      | 27015   | 25RB#0           | 4.466                    | 4.880                | PASS    |
| Band26 | 10MHz     | QPSK       | 26840   | 50RB#0           | 8.931                    | 9.840                | PASS    |
| Band26 | 10MHz     | QPSK       | 26915   | 50RB#0           | 8.931                    | 9.720                | PASS    |
| Band26 | 10MHz     | QPSK       | 26990   | 50RB#0           | 8.911                    | 9.740                | PASS    |
| Band26 | 10MHz     | 16QAM      | 26840   | 50RB#0           | 8.931                    | 9.620                | PASS    |
| Band26 | 10MHz     | 16QAM      | 26915   | 50RB#0           | 8.911                    | 9.660                | PASS    |
| Band26 | 10MHz     | 16QAM      | 26990   | 50RB#0           | 8.911                    | 9.760                | PASS    |
| Band26 | 15MHz     | QPSK       | 26865   | 75RB#0           | 13.457                   | 14.790               | PASS    |
| Band26 | 15MHz     | QPSK       | 26915   | 75RB#0           | 13.427                   | 14.760               | PASS    |
| Band26 | 15MHz     | QPSK       | 26965   | 75RB#0           | 13.427                   | 14.790               | PASS    |
| Band26 | 15MHz     | 16QAM      | 26865   | 75RB#0           | 13.457                   | 14.790               | PASS    |
| Band26 | 15MHz     | 16QAM      | 26915   | 75RB#0           | 13.457                   | 14.820               | PASS    |
| Band26 | 15MHz     | 16QAM      | 26965   | 75RB#0           | 13.457                   | 14.730               | PASS    |



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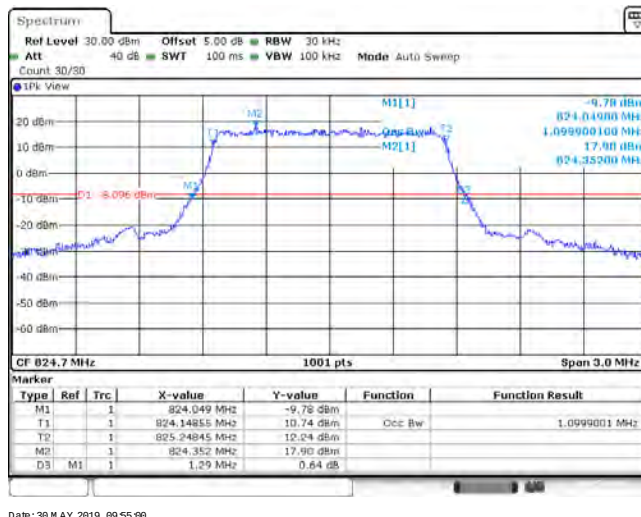
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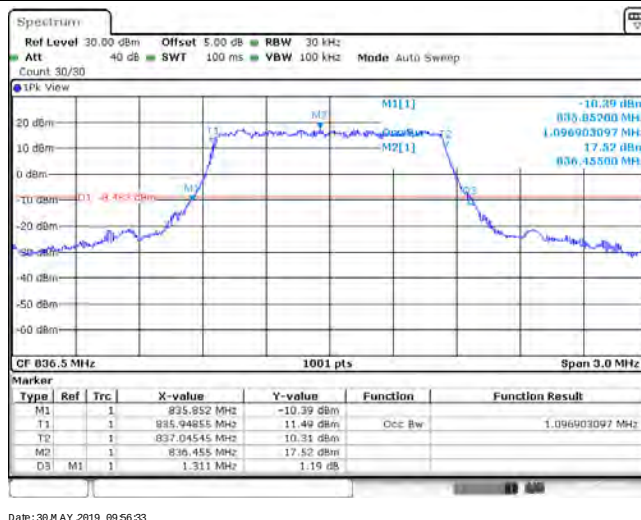
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## 4.2. Test Plots

Band26\_1.4MHz\_QPSK\_26797\_6RB#0



Band26\_1.4MHz\_QPSK\_26915\_6RB#0

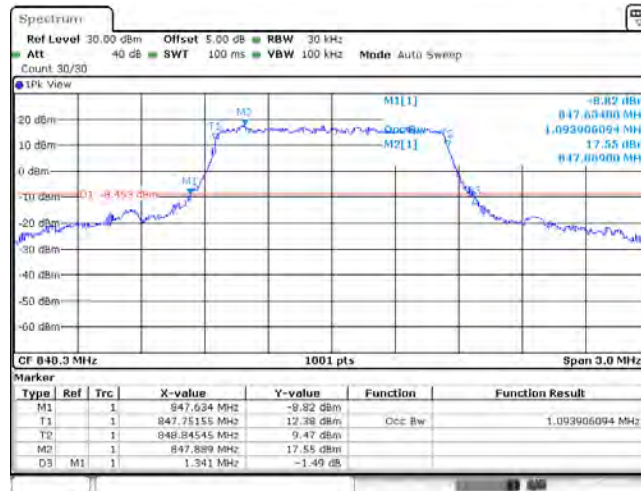


Band26\_1.4MHz\_QPSK\_27033\_6RB#0



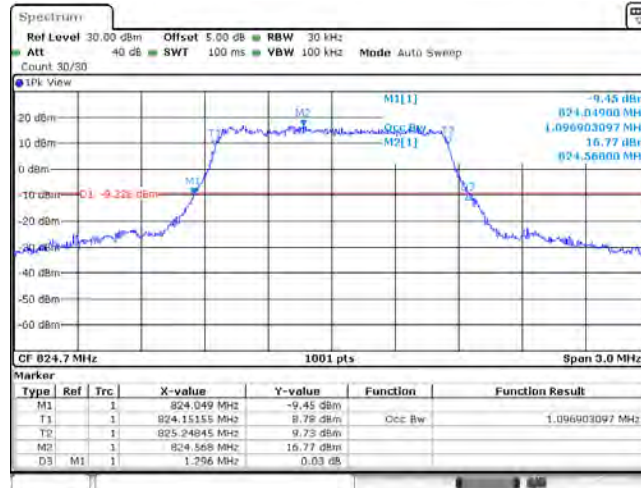
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Date: 30 MAY 2019 09:57:49

## Band26\_1.4MHz\_16QAM\_26797\_6RB#0



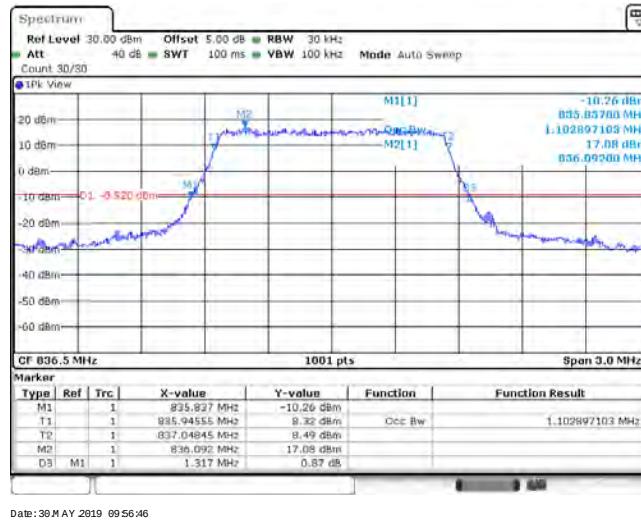
Date: 30 MAY 2019 09:55:12

## Band26\_1.4MHz\_16QAM\_26915\_6RB#0



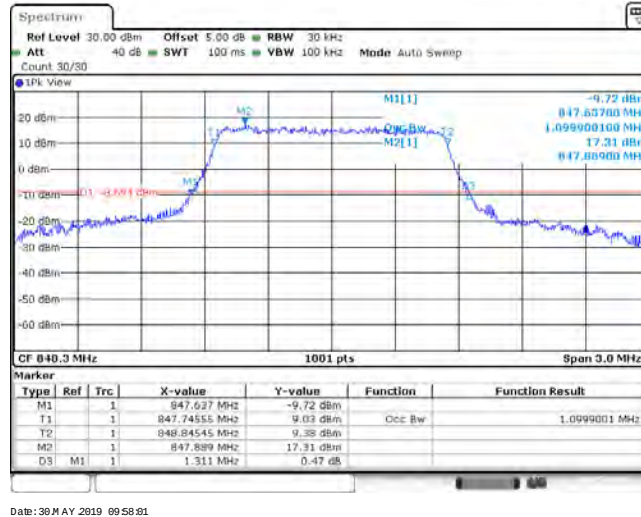
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Date: 30 MAY 2019 09:56:46

## Band26\_1.4MHz\_16QAM\_27033\_6RB#0



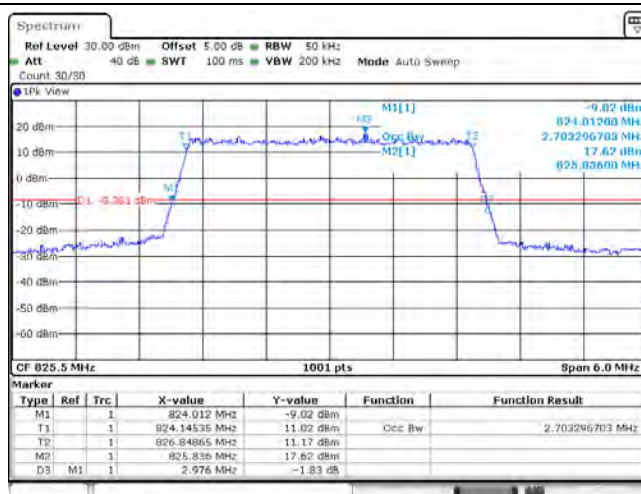
Date: 30 MAY 2019 09:58:01

## Band26\_3MHz\_QPSK\_26805\_15RB#0

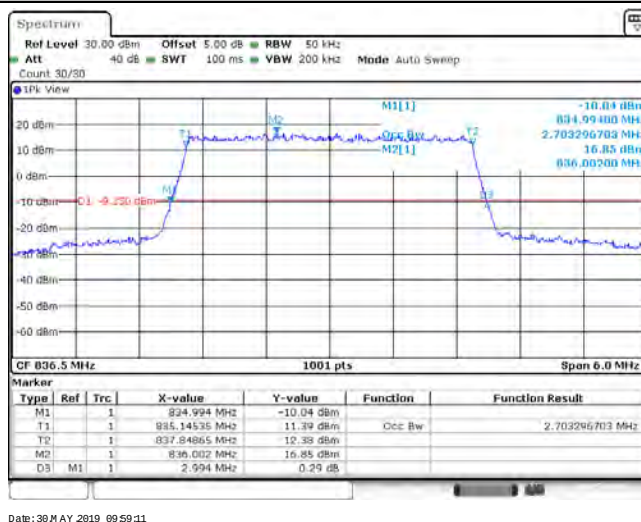


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Band26\_3MHz\_QPSK\_26915\_15RB#0

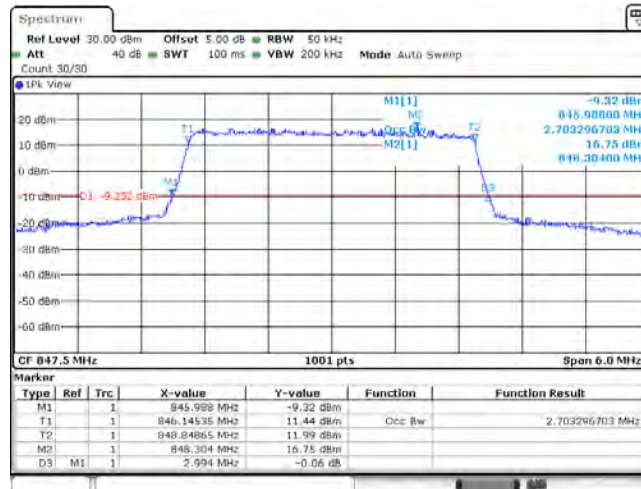


Band26\_3MHz\_QPSK\_27025\_15RB#0



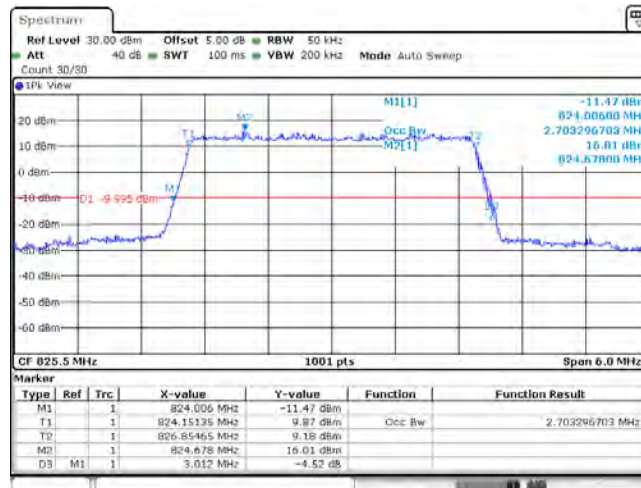
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Date: 30 MAY 2019 09:59:39

## Band26\_3MHz\_16QAM\_26805\_15RB#0



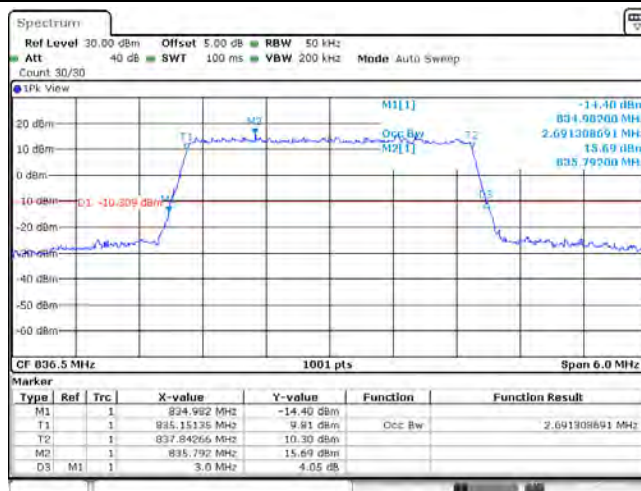
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## Band26\_3MHz\_16QAM\_26915\_15RB#0



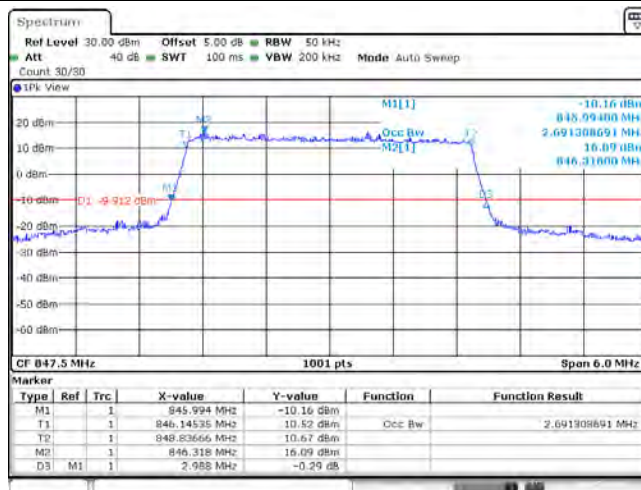
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Date: 30 MAY 2019 09:59:24

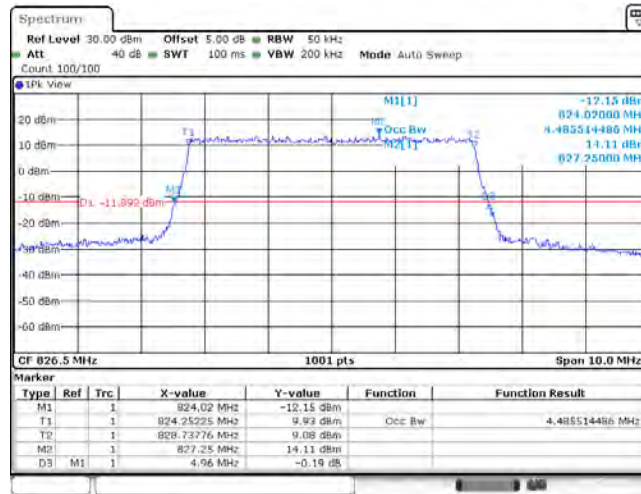
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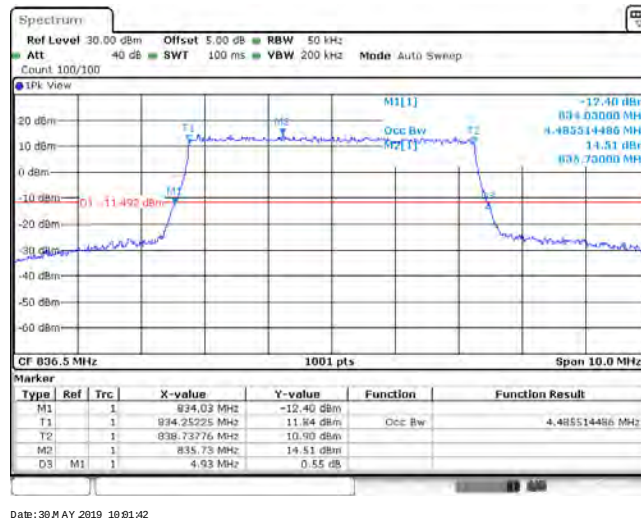
Date: 30 MAY 2019 09:59:52

## Band26\_5MHz\_QPSK\_26815\_25RB#0





Band26\_5MHz\_QPSK\_26915\_25RB#0

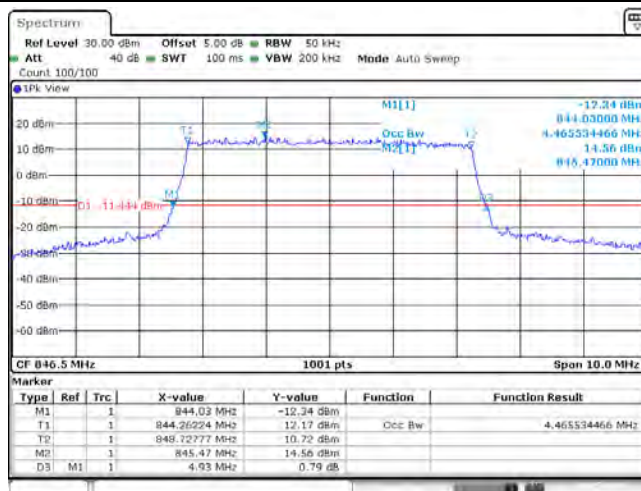


Band26\_5MHz\_QPSK\_27015\_25RB#0



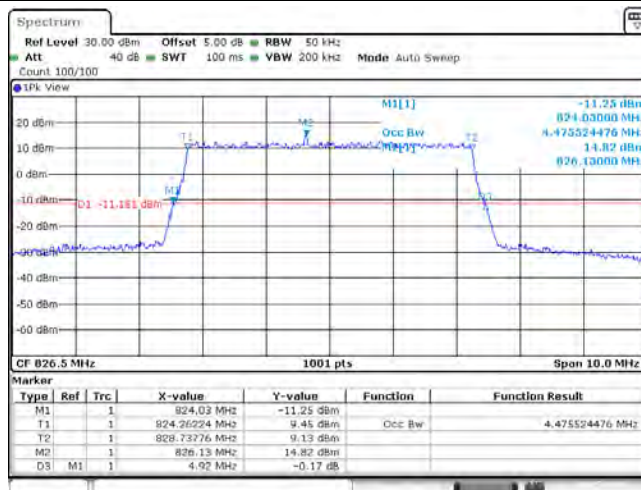
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Date: 30 MAY 2019 10:02:24

## Band26\_5MHz\_16QAM\_26815\_25RB#0



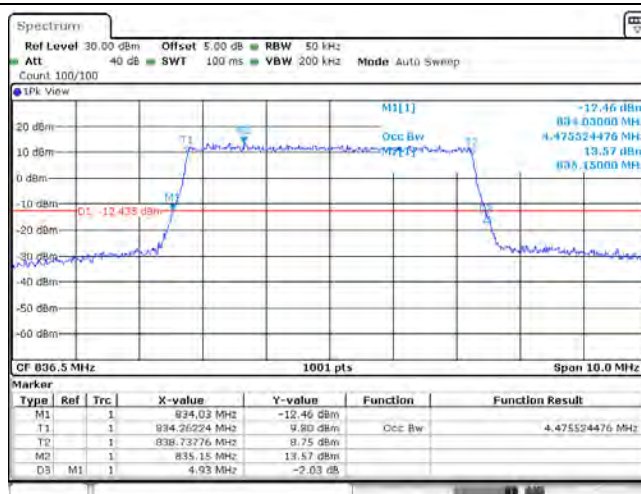
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## Band26\_5MHz\_16QAM\_26915\_25RB#0



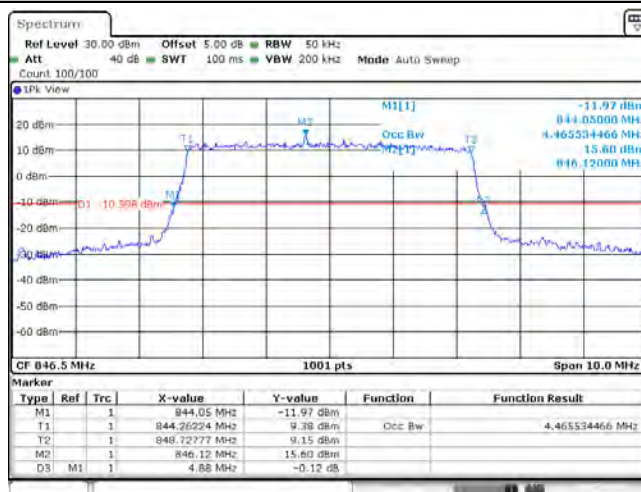
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Date: 30 MAY 2019 10:02:01

## Band26\_5MHz\_16QAM\_27015\_25RB#0



Date: 30 MAY 2019 10:02:43

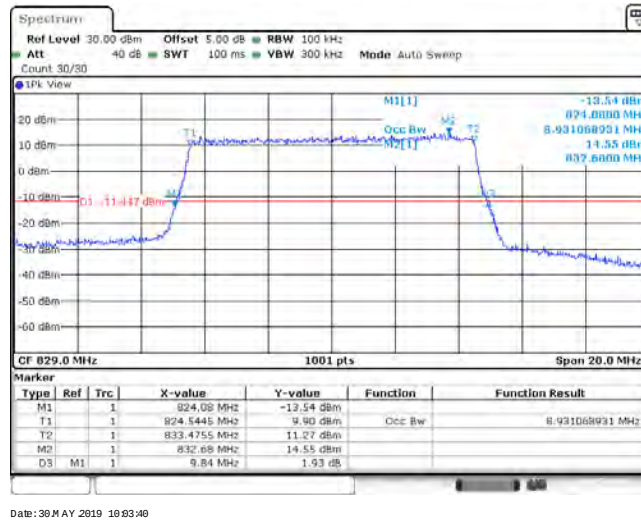
## Band26\_10MHz\_QPSK\_26840\_50RB#0



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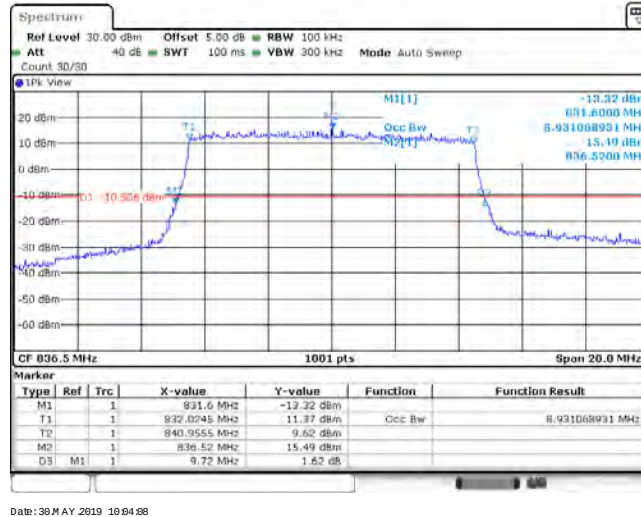
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Date: 30 MAY 2019 10:53:40

## Band26\_10MHz\_QPSK\_26915\_50RB#0



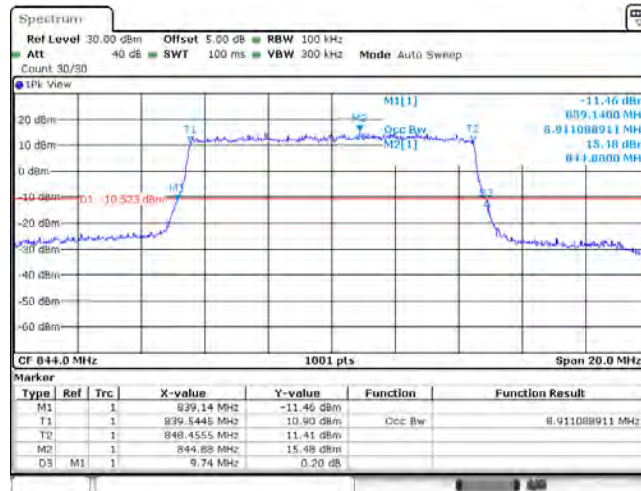
Date: 30 MAY 2019 10:54:58

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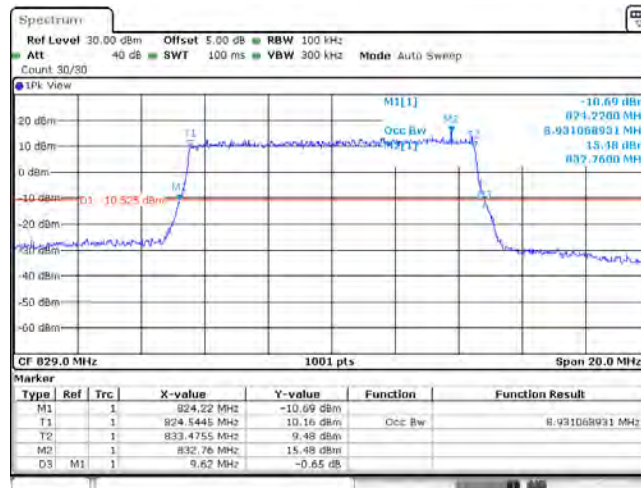
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Date: 30 MAY 2019 10:04:36

## Band26\_10MHz\_16QAM\_26840\_50RB#0



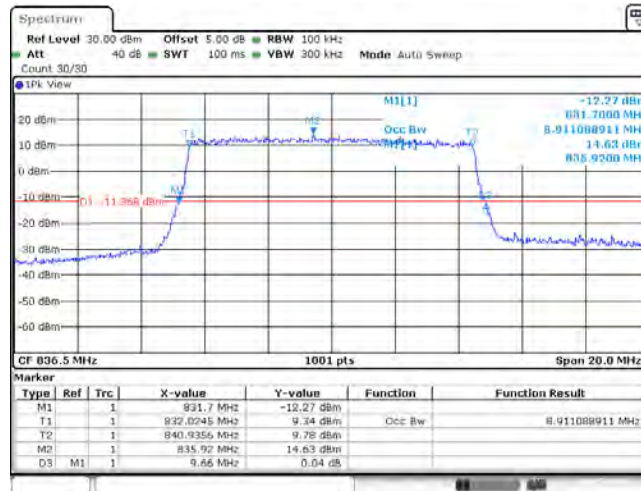
Date: 30 MAY 2019 10:03:52

## Band26\_10MHz\_16QAM\_26915\_50RB#0



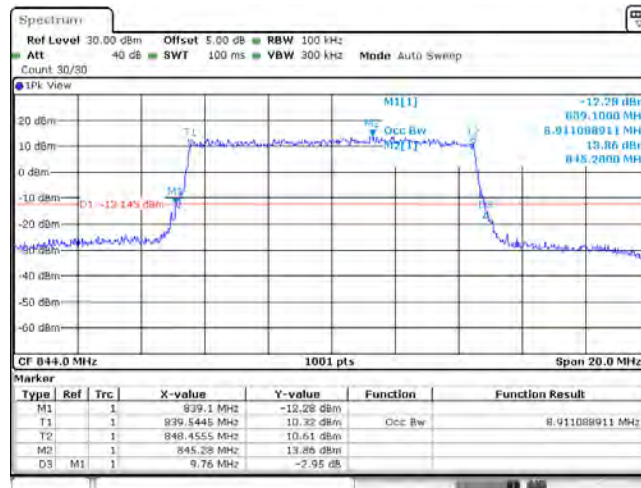
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Date: 30 MAY 2019 10:04:21

## Band26\_10MHz\_16QAM\_26990\_50RB#0



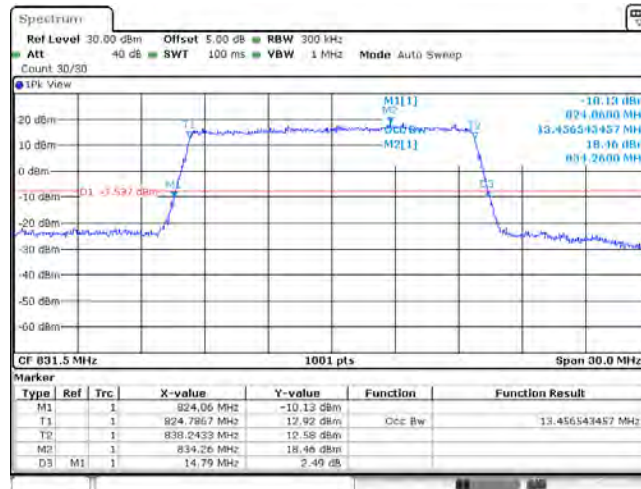
Date: 30 MAY 2019 10:04:49

## Band26\_15MHz\_QPSK\_26865\_75RB#0



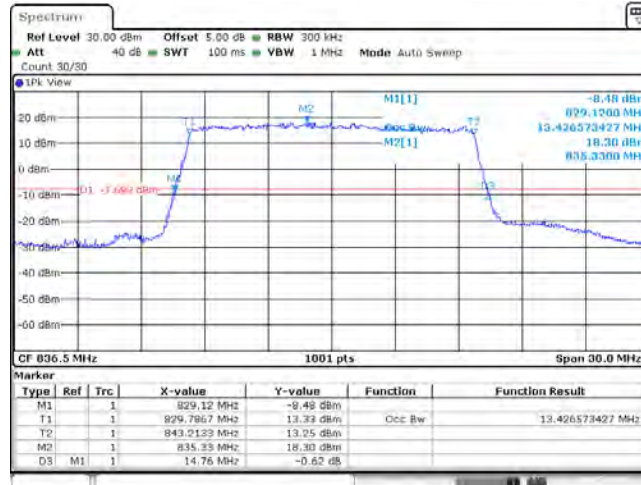
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Date: 30 MAY 2019 10:05:59

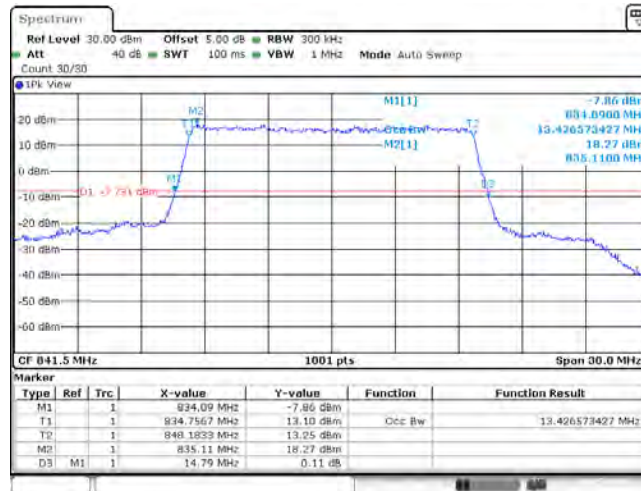
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Date: 30 MAY 2019 10:06:18

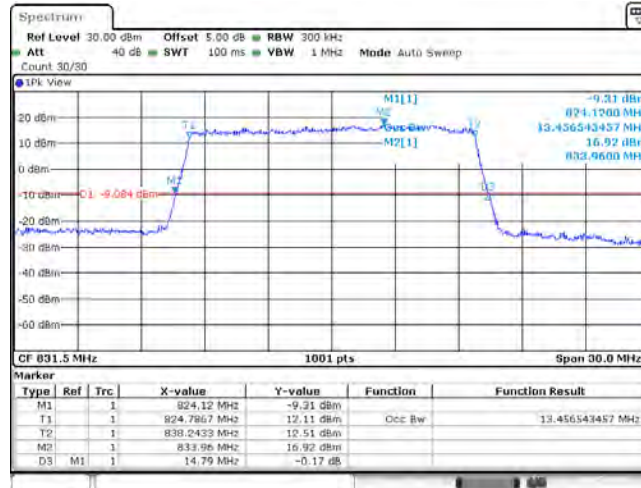
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Date: 30 MAY 2019 10:06:46

## Band26\_15MHz\_16QAM\_26865\_75RB#0



Date: 30 MAY 2019 10:06:53

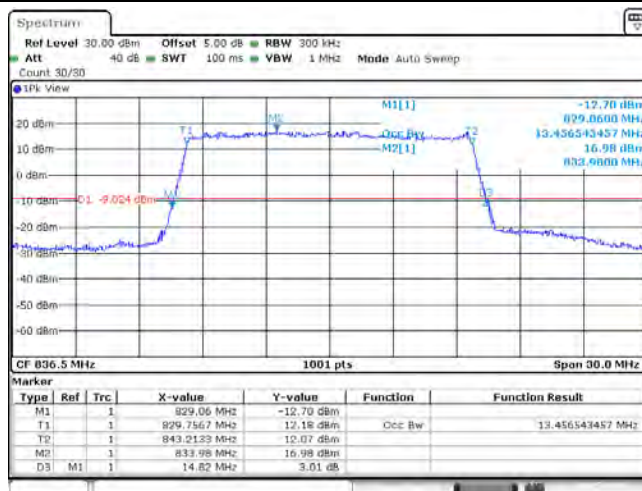
## Band26\_15MHz\_16QAM\_26915\_75RB#0



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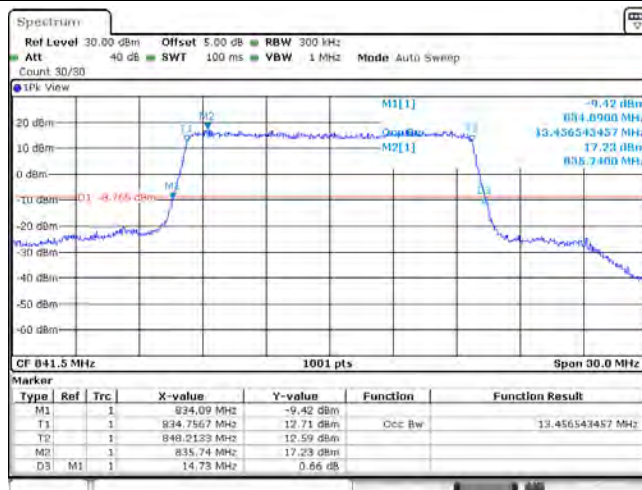
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Date: 30 MAY 2019 10:06:31

## Band26\_15MHz\_16QAM\_26965\_75RB#0



Date: 30 MAY 2019 10:06:59



## 5. Band Edge Compliance

### 5.1. Test Plots

BAND 26\_1.4MHz\_QPSK\_26797\_1RB#0



Date: 29 MAY 2019 22:35:58

BAND 26\_1.4MHz\_QPSK\_26797\_6RB#0



Date: 29 MAY 2019 22:36:28

BAND 26\_1.4MHz\_QPSK\_27033\_1RB#5



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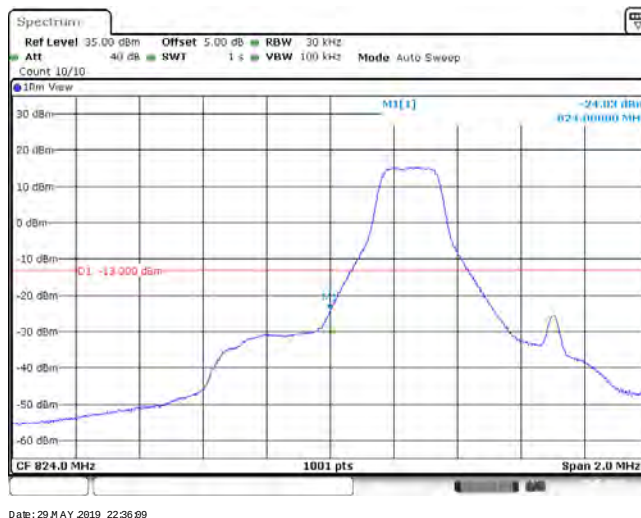


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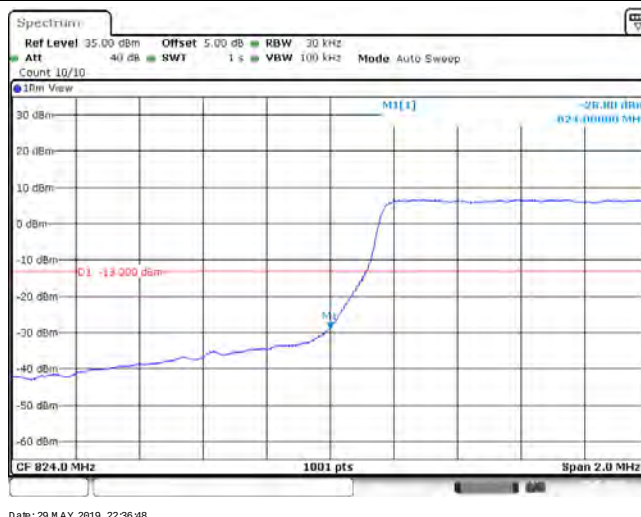


BAND 26\_1.4MHz\_16QAM\_26797\_1RB#0





BAND 26\_1.4MHz\_16QAM\_26797\_6RB#0



BAND 26\_1.4MHz\_16QAM\_27033\_1RB#5



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Date: 29 MAY 2019 22:37:30

BAND 26\_1.4MHz\_16QAM\_27033\_6RB#0



Date: 29 MAY 2019 22:38:59

BAND 26\_3MHz\_QPSK\_26805\_1RB#0



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Date: 29 MAY 2019 22:39:51

BAND 26\_3MHz\_QPSK\_26805\_15RB#0



Date: 29 MAY 2019 22:40:29

BAND 26\_3MHz\_QPSK\_27025\_1RB#14



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Date: 29 MAY 2019 22:41:11

### BAND 26\_3MHz\_QPSK\_27025\_15RB#0



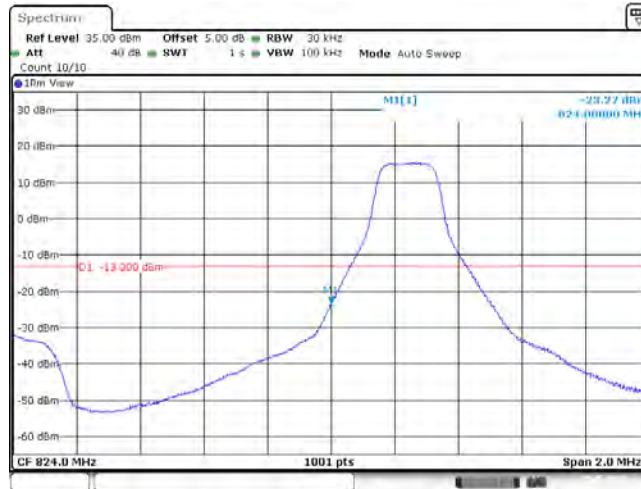
Date: 29 MAY 2019 22:41:58

### BAND 26\_3MHz\_16QAM\_26805\_1RB#0



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Date: 29 MAY 2019 22:40:10

BAND 26\_3MHz\_16QAM\_26805\_15RB#0



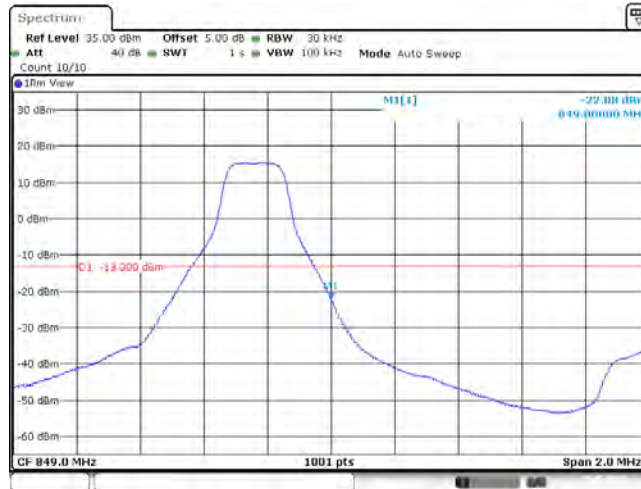
Date: 29 MAY 2019 22:40:48

BAND 26\_3MHz\_16QAM\_27025\_1RB#14



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Date: 29 MAY 2019 22:41:31

BAND 26\_3MHz\_16QAM\_27025\_15RB#0



Date: 29 MAY 2019 22:42:59

BAND 26\_5MHz\_QPSK\_26815\_1RB#0



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Date: 29 MAY 2019 22:43:51

BAND 26\_5MHz\_QPSK\_26815\_25RB#0



Date: 29 MAY 2019 22:44:38

BAND 26\_5MHz\_QPSK\_27015\_1RB#24



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Date: 29 MAY 2019 22:45:12

BAND 26\_5MHz\_QPSK\_27015\_25RB#0



Date: 29 MAY 2019 22:45:51

BAND 26\_5MHz\_16QAM\_26815\_1RB#0

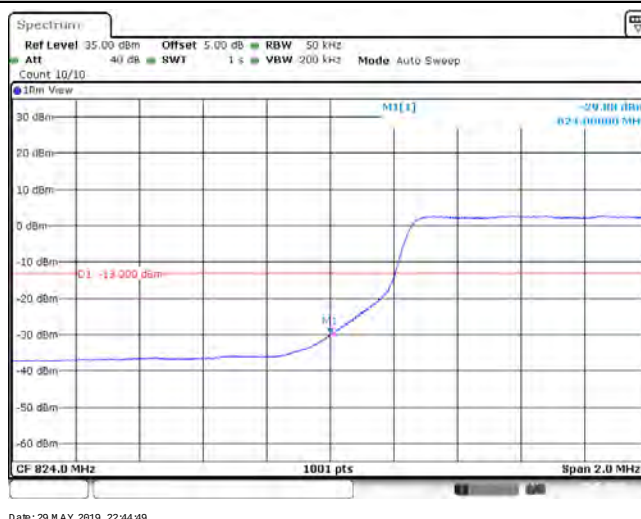


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BAND 26\_5MHz\_16QAM\_26815\_25RB#0



BAND 26\_5MHz\_16QAM\_27015\_1RB#24





BAND 26\_5MHz\_16QAM\_27015\_25RB#0



BAND 26\_10MHz\_QPSK\_26840\_1RB#0





Date: 29 MAY 2019 22:47:52

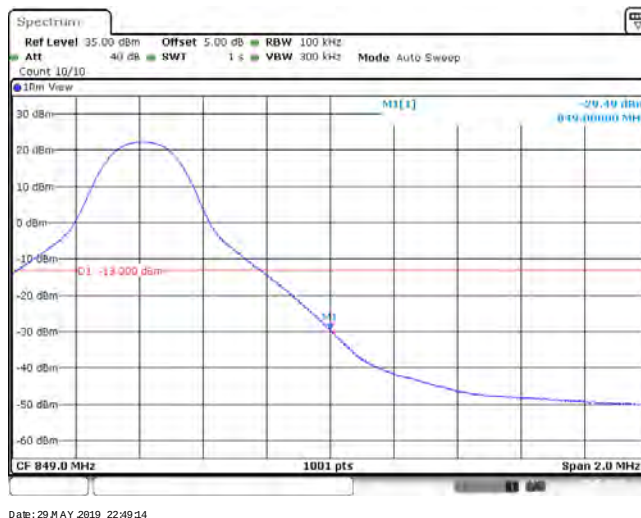
## BAND 26\_10MHz\_QPSK\_26840\_50RB#0



Date: 29 MAY 2019 22:48:01

## BAND 26\_10MHz\_QPSK\_26990\_1RB#49





BAND 26\_10MHz\_QPSK\_26990\_50RB#0

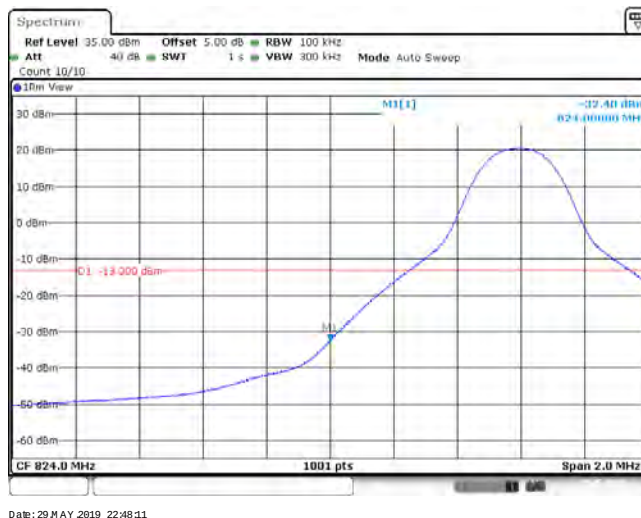


BAND 26\_10MHz\_16QAM\_26840\_1RB#0



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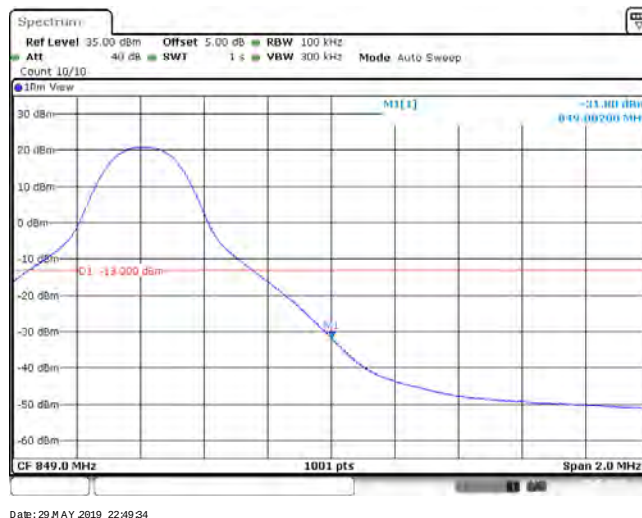


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BAND 26\_10MHz\_16QAM\_26990\_1RB#49





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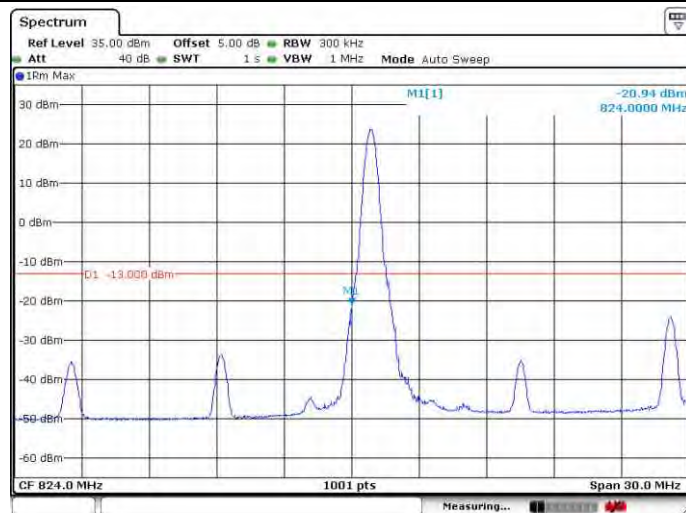


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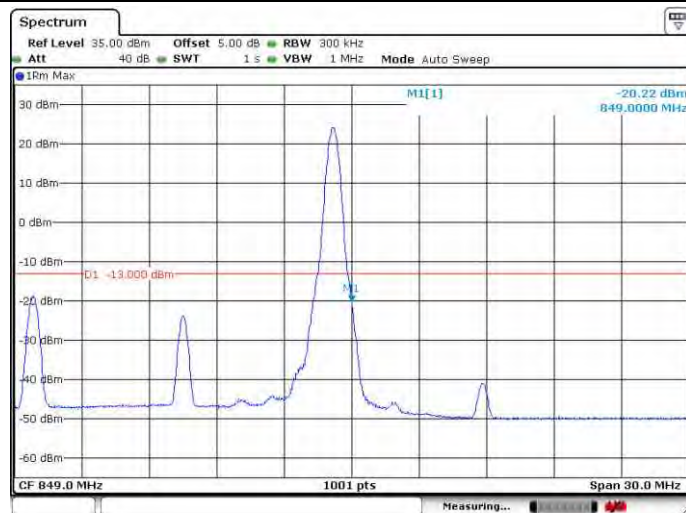


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BAND 26\_15MHz\_QPSK\_26965\_1RB#74



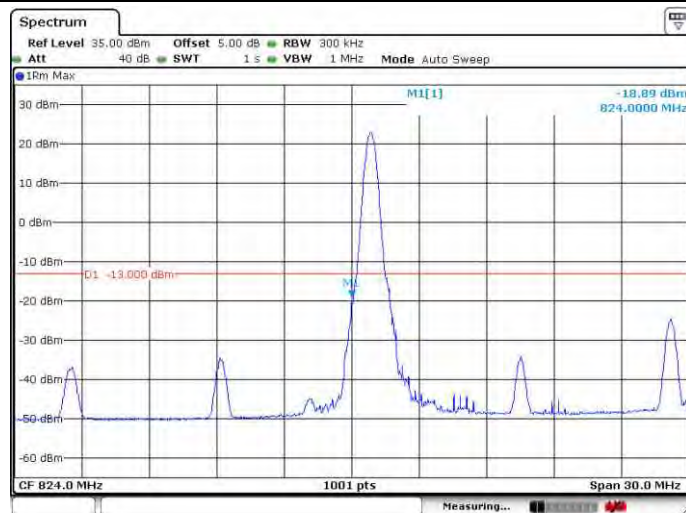


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BAND 26\_15MHz\_16QAM\_26865\_1RB#0



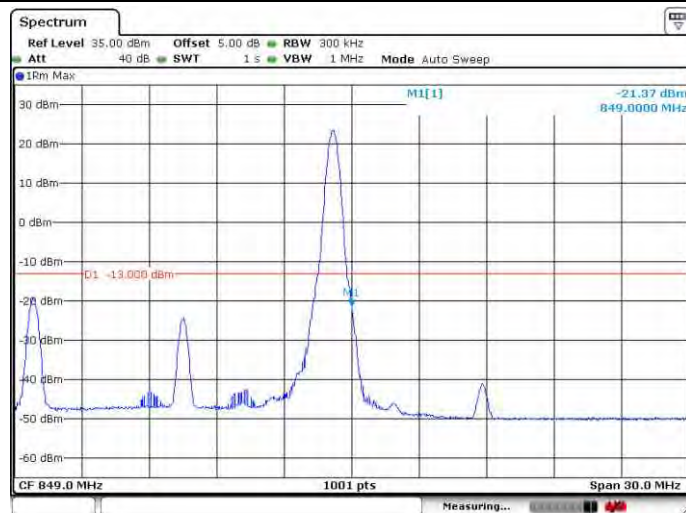


**BAND 26\_15MHz\_16QAM\_26865\_75RB#0**



**BAND 26\_15MHz\_16QAM\_26965\_1RB#74**





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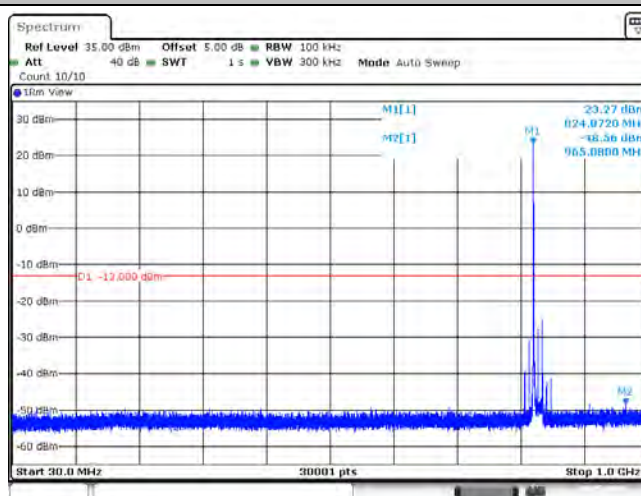
## 6. Spurious Emission at Antenna Terminal

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

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

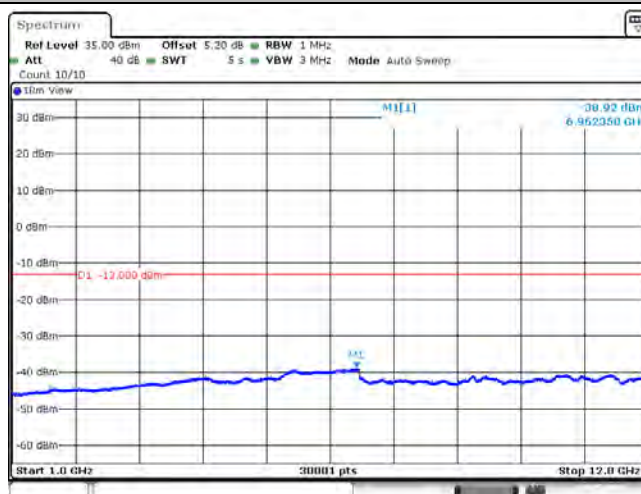
### 6.1. Test Plots

Band26\_15MHz\_QPSK\_26865\_1RB#0



Date: 30 MAY 2019 10:57:22

Band26\_15MHz\_QPSK\_26865\_1RB#0



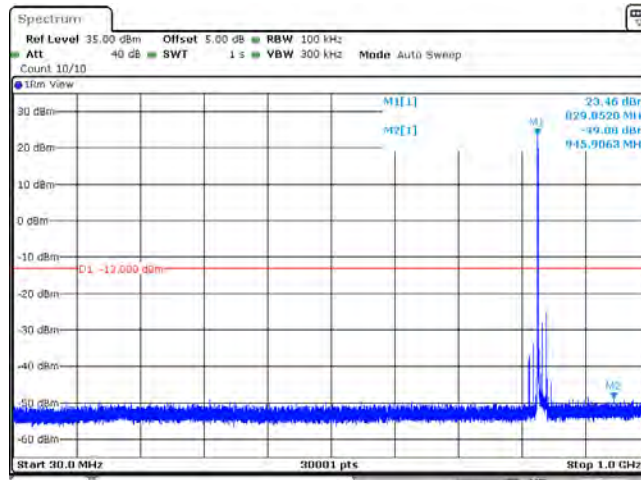
Date: 30 MAY 2019 10:58:32

Band26\_15MHz\_QPSK\_26915\_1RB#0



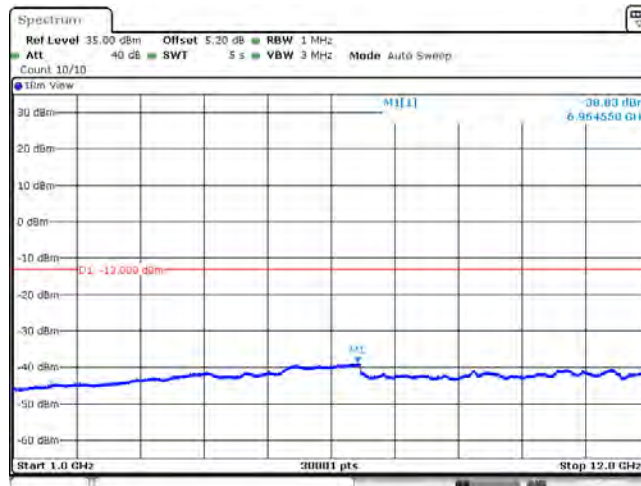
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Date: 30 MAY 2019 10:10:23

Band26\_15MHz\_QPSK\_26915\_1RB#0



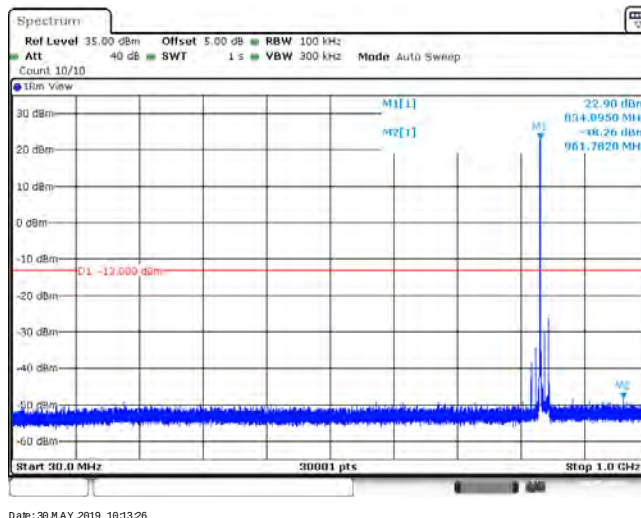
Date: 30 MAY 2019 10:11:33

Band26\_15MHz\_QPSK\_26965\_1RB#0

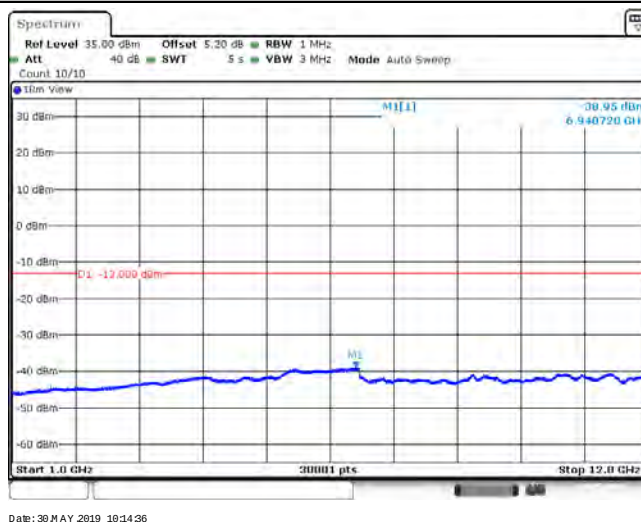


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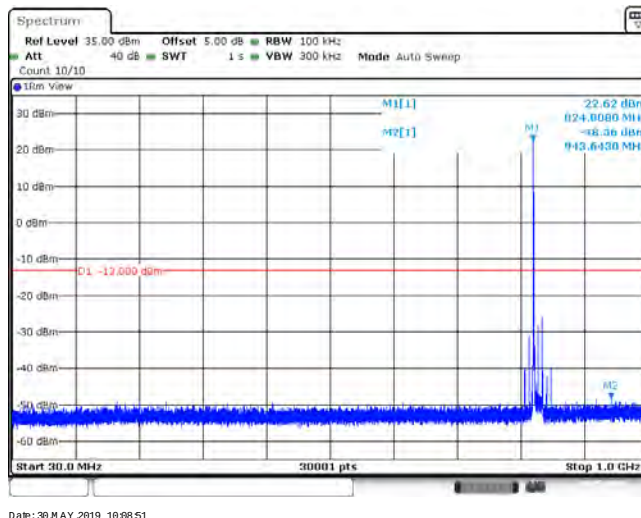


Band26\_15MHz\_QPSK\_26965\_1RB#0

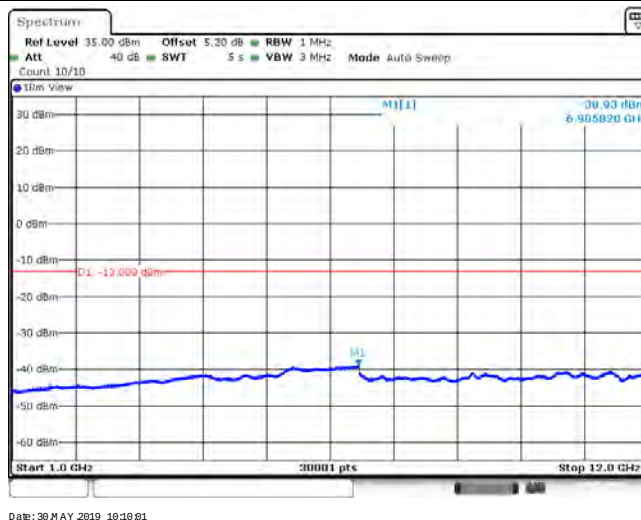


Band26\_15MHz\_16QAM\_26865\_1RB#0



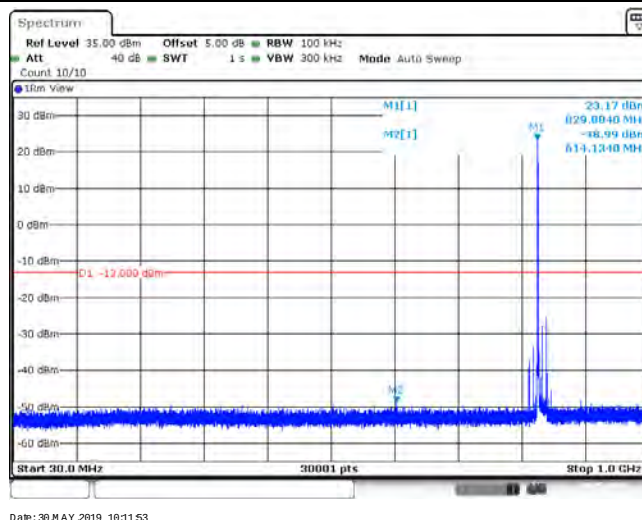


Band26\_15MHz\_16QAM\_26865\_1RB#0



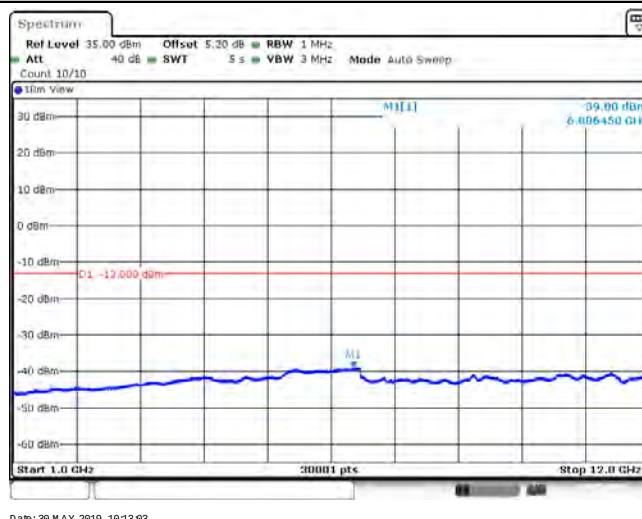
Band26\_15MHz\_16QAM\_26915\_1RB#0





Date: 30 MAY 2019 10:11:53

Band26\_15MHz\_16QAM\_26915\_1RB#0



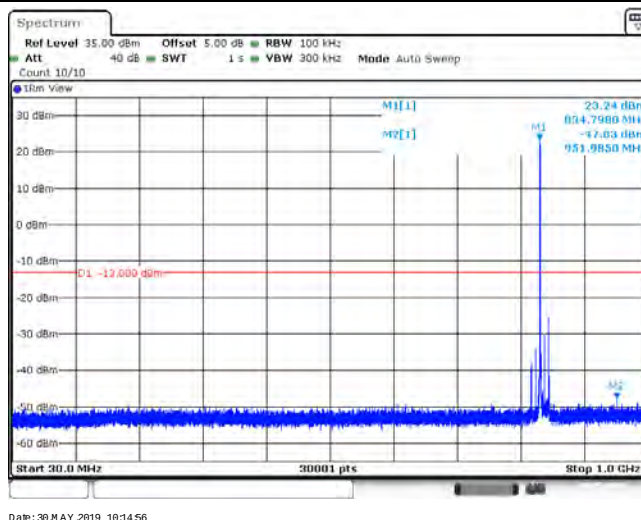
Date: 30 MAY 2019 10:13:53

Band26\_15MHz\_16QAM\_26965\_1RB#0

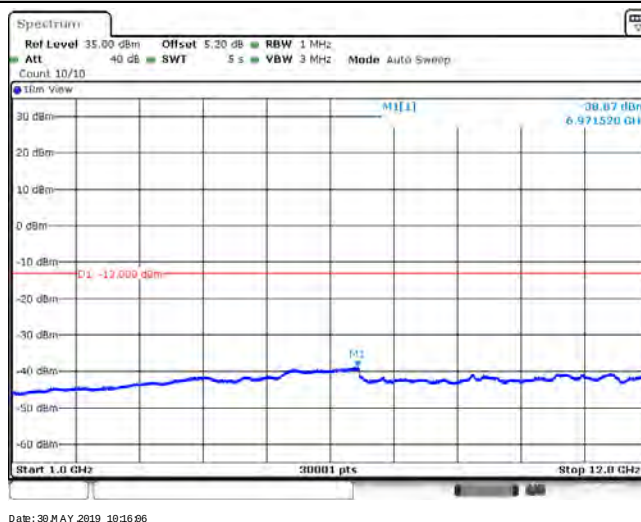


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Band26\_15MHz\_16QAM\_26965\_1RB#0





## 7. Field Strength of Spurious Radiation

### 7.1. Test BAND = LTE Band 26

#### 7.1.1. Test Mode = LTE/TM1 15MHz

##### 7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 64.020000       | -79.82      | -13.00           | 66.82       | Vertical     |
| 104.246667      | -78.40      | -13.00           | 65.40       | Vertical     |
| 1649.500000     | -56.40      | -13.00           | 43.40       | Vertical     |
| 2474.500000     | -58.74      | -13.00           | 45.74       | Vertical     |
| 4318.687500     | -65.77      | -13.00           | 52.77       | Vertical     |
| 6057.112500     | -63.96      | -13.00           | 50.96       | Vertical     |
| 62.433333       | -76.15      | -13.00           | 63.15       | Horizontal   |
| 104.293333      | -81.17      | -13.00           | 68.17       | Horizontal   |
| 1649.500000     | -60.84      | -13.00           | 47.84       | Horizontal   |
| 2474.500000     | -58.86      | -13.00           | 45.86       | Horizontal   |
| 4345.012500     | -65.92      | -13.00           | 52.92       | Horizontal   |
| 7919.850000     | -62.91      | -13.00           | 49.91       | Horizontal   |

##### 7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 64.486667       | -80.50      | -13.00           | 67.50       | Vertical     |
| 104.246667      | -78.60      | -13.00           | 65.60       | Vertical     |
| 1659.500000     | -60.10      | -13.00           | 47.10       | Vertical     |
| 2489.000000     | -58.93      | -13.00           | 45.93       | Vertical     |
| 4206.562500     | -66.07      | -13.00           | 53.07       | Vertical     |
| 6143.887500     | -63.94      | -13.00           | 50.94       | Vertical     |
| 62.666667       | -76.48      | -13.00           | 63.48       | Horizontal   |
| 104.340000      | -80.55      | -13.00           | 67.55       | Horizontal   |
| 1659.500000     | -60.13      | -13.00           | 47.13       | Horizontal   |
| 2489.500000     | -57.65      | -13.00           | 44.65       | Horizontal   |
| 4293.825000     | -65.48      | -13.00           | 52.48       | Horizontal   |
| 6051.262500     | -63.95      | -13.00           | 50.95       | Horizontal   |





### 7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 63.740000       | -80.62      | -13.00           | 67.62       | Vertical     |
| 104.246667      | -78.37      | -13.00           | 65.37       | Vertical     |
| 1669.500000     | -60.26      | -13.00           | 47.26       | Vertical     |
| 2504.500000     | -58.91      | -13.00           | 45.91       | Vertical     |
| 3339.300000     | -63.97      | -13.00           | 50.97       | Vertical     |
| 6054.675000     | -64.32      | -13.00           | 51.32       | Vertical     |
| 62.760000       | -76.28      | -13.00           | 63.28       | Horizontal   |
| 104.340000      | -80.38      | -13.00           | 67.38       | Horizontal   |
| 1669.500000     | -62.52      | -13.00           | 49.52       | Horizontal   |
| 2504.500000     | -59.22      | -13.00           | 46.22       | Horizontal   |
| 4364.512500     | -65.91      | -13.00           | 52.91       | Horizontal   |
| 6022.012500     | -64.29      | -13.00           | 51.29       | Horizontal   |

Remark:

The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| BAND    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band26  | 15MHz     | QPSK       | 26865   | 75RB#0       | VL            | NT               | 0.80           | 0.000962        | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26865   | 75RB#0       | VN            | NT               | 1.20           | 0.001443        | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26865   | 75RB#0       | VH            | NT               | -0.80          | -0.000962       | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26915   | 75RB#0       | VL            | NT               | -2.00          | -0.002391       | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26915   | 75RB#0       | VN            | NT               | 1.00           | 0.001195        | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26915   | 75RB#0       | VH            | NT               | -0.50          | -0.000598       | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26965   | 75RB#0       | VL            | NT               | -1.50          | -0.001783       | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26965   | 75RB#0       | VN            | NT               | -2.30          | -0.002733       | ±2.5        | PASS    |
| Band26  | 15MHz     | QPSK       | 26965   | 75RB#0       | VH            | NT               | -0.80          | -0.000951       | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26865   | 75RB#0       | VL            | NT               | -0.10          | -0.000120       | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26865   | 75RB#0       | VN            | NT               | -1.70          | -0.002044       | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26865   | 75RB#0       | VH            | NT               | 1.40           | 0.001684        | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26915   | 75RB#0       | VL            | NT               | 1.70           | 0.002032        | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26915   | 75RB#0       | VN            | NT               | 0.20           | 0.000239        | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26915   | 75RB#0       | VH            | NT               | 0.80           | 0.000956        | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26965   | 75RB#0       | VL            | NT               | -2.40          | -0.002852       | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26965   | 75RB#0       | VN            | NT               | -0.80          | -0.000951       | ±2.5        | PASS    |
| Band26  | 15MHz     | 16QAM      | 26965   | 75RB#0       | VH            | NT               | 0.50           | 0.000594        | ±2.5        | PASS    |

### 8.2. Frequency Vs Temperature

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| BAND        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | -30              | -1.60          | -0.001924       | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | -20              | -1.50          | -0.001804       | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | 0                | -1.00          | -0.001203       | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | 10               | 0.30           | 0.000361        | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | 20               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | 30               | 0.20           | 0.000241        | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | 40               | -2.30          | -0.002766       | ±2.5        | PASS    |
| Band26      | 15MHz     | QPSK       | 26865   | 75RB#0       | NV            | 50               | -1.60          | -0.001924       | ±2.5        | PASS    |



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|        |       |       |       |        |    |     |       |           |      |      |
|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | NV | -30 | -0.30 | -0.000359 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | NV | -20 | -2.40 | -0.002869 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | NV | 0   | -2.80 | -0.003347 | ±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  | -2.20 | -0.002630 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | NV | 30  | -2.40 | -0.002869 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | NV | 40  | 0.70  | 0.000837  | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | NV | 50  | 0.20  | 0.000239  | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | -30 | -1.10 | -0.001307 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | -20 | -0.60 | -0.000713 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | 0   | 0.20  | 0.000238  | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | 10  | -3.60 | -0.004278 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | 20  | -0.80 | -0.000951 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | 30  | -3.20 | -0.003803 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | 40  | -1.90 | -0.002258 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | NV | 50  | -0.70 | -0.000832 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | -30 | -1.80 | -0.002165 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | -20 | -0.50 | -0.000601 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 0   | -1.50 | -0.001804 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 10  | 2.50  | 0.003007  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 20  | -1.40 | -0.001684 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 30  | -0.60 | -0.000722 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 40  | -0.80 | -0.000962 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 50  | -1.70 | -0.002044 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | -30 | 0.00  | 0.000000  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | -20 | 0.00  | 0.000000  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 0   | -2.80 | -0.003347 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 10  | 0.80  | 0.000956  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 20  | 1.00  | 0.001195  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 30  | 0.00  | 0.000000  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 40  | 0.60  | 0.000717  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 50  | 0.50  | 0.000598  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | -30 | 1.20  | 0.001426  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | -20 | 1.50  | 0.001783  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 0   | 0.40  | 0.000475  | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 10  | -3.60 | -0.004278 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 20  | -2.00 | -0.002377 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 30  | -0.90 | -0.001070 | ±2.5 | PASS |



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|        |       |       |       |        |    |    |       |           |      |      |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 40 | -2.10 | -0.002496 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 50 | -3.70 | -0.004397 | ±2.5 | PASS |

The End



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