

# Appendix B

## E-UTRA BAND 7



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## 1. Effective (Isotropic) Radiated Power

### 1.1. Test Result

| BAND  | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 22.80        | 25.80      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 23.05        | 26.05      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 22.57        | 25.57      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#0           | 22.05        | 25.05      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#6           | 22.10        | 25.10      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#13          | 21.89        | 24.89      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 22.04        | 25.04      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 22.89        | 25.89      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 23.05        | 26.05      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 22.73        | 25.73      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#0           | 22.05        | 25.05      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#6           | 22.03        | 25.03      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#13          | 21.93        | 24.93      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 21.96        | 24.96      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 22.89        | 25.89      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 22.99        | 25.99      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 22.75        | 25.75      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#0           | 22.28        | 25.28      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#6           | 22.11        | 25.11      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#13          | 21.97        | 24.97      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 22.20        | 25.20      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 21.62        | 24.62      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 21.91        | 24.91      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 21.60        | 24.60      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#0           | 21.04        | 24.04      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#6           | 21.09        | 24.09      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#13          | 20.77        | 23.77      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 21.08        | 24.08      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 21.71        | 24.71      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#12           | 22.04        | 25.04      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#24           | 21.66        | 24.66      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#0           | 20.93        | 23.93      | 33.00       | PASS    |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 21.01 | 24.01 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 20.99 | 23.99 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 21.00 | 24.00 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 21.60 | 24.60 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 22.00 | 25.00 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 21.78 | 24.78 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 21.05 | 24.05 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 21.10 | 24.10 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 20.91 | 23.91 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 21.17 | 24.17 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 22.91 | 25.91 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 23.45 | 26.45 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 22.64 | 25.64 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 22.24 | 25.24 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 22.18 | 25.18 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 21.97 | 24.97 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 22.17 | 25.17 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 23.07 | 26.07 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 23.71 | 26.71 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 22.64 | 25.64 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 22.34 | 25.34 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 22.20 | 25.20 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 21.94 | 24.94 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 22.06 | 25.06 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 23.04 | 26.04 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 23.38 | 26.38 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 22.38 | 25.38 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 22.42 | 25.42 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 22.36 | 25.36 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 22.10 | 25.10 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 22.20 | 25.20 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 21.62 | 24.62 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 21.88 | 24.88 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 21.76 | 24.76 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 20.97 | 23.97 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 21.11 | 24.11 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 21.09 | 24.09 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 21.20 | 24.20 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 21.86 | 24.86 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 21.93 | 24.93 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 21.82 | 24.82 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 21.13 | 24.13 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 21.01 | 24.01 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 21.05 | 24.05 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 21.10 | 24.10 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 21.77 | 24.77 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 21.77 | 24.77 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 21.87 | 24.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 21.20 | 24.20 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 21.08 | 24.08 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 21.22 | 24.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 21.06 | 24.06 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 23.02 | 26.02 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 23.39 | 26.39 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 22.72 | 25.72 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#0  | 22.25 | 25.25 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#18 | 22.17 | 25.17 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#39 | 21.96 | 24.96 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 22.18 | 25.18 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 23.04 | 26.04 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 23.39 | 26.39 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 22.63 | 25.63 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#0  | 22.37 | 25.37 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#18 | 22.33 | 25.33 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#39 | 21.96 | 24.96 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 22.22 | 25.22 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 23.05 | 26.05 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 23.39 | 26.39 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 22.66 | 25.66 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#0  | 22.38 | 25.38 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#18 | 22.26 | 25.26 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#39 | 22.00 | 25.00 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 22.26 | 25.26 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 21.77 | 24.77 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 21.81 | 24.81 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 21.44 | 24.44 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0  | 21.09 | 24.09 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 21.08 | 24.08 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 21.10 | 24.10 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 21.30 | 24.30 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 21.72 | 24.72 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 21.87 | 24.87 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 21.83 | 24.83 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0  | 21.21 | 24.21 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 21.14 | 24.14 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 21.18 | 24.18 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 21.16 | 24.16 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 21.90 | 24.90 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 21.95 | 24.95 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 21.97 | 24.97 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0  | 21.16 | 24.16 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 21.21 | 24.21 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 21.14 | 24.14 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 21.20 | 24.20 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 22.88 | 25.88 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 23.55 | 26.55 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 22.75 | 25.75 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 22.27 | 25.27 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 22.39 | 25.39 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 22.09 | 25.09 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 22.10 | 25.10 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 23.05 | 26.05 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 23.73 | 26.73 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 22.62 | 25.62 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 22.37 | 25.37 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 22.34 | 25.34 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 21.96 | 24.96 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 22.21 | 25.21 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 23.02 | 26.02 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 23.87 | 26.87 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 22.47 | 25.47 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 22.42 | 25.42 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 22.38 | 25.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 22.03 | 25.03 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 22.24 | 25.24 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 21.73 | 24.73 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 22.02 | 25.02 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 21.79 | 24.79 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 21.30 | 24.30 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 21.21 | 24.21 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 21.04 | 24.04 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 21.13 | 24.13 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 21.87 | 24.87 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 22.02 | 25.02 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 21.64 | 24.64 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 21.33 | 24.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 21.20 | 24.20 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 21.16 | 24.16 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 21.25 | 24.25 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 21.85 | 24.85 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 21.93 | 24.93 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 21.77 | 24.77 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 21.27 | 24.27 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 21.24 | 24.24 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 21.18 | 24.18 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 21.18 | 24.18 | 33.00 | PASS |

Remark:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



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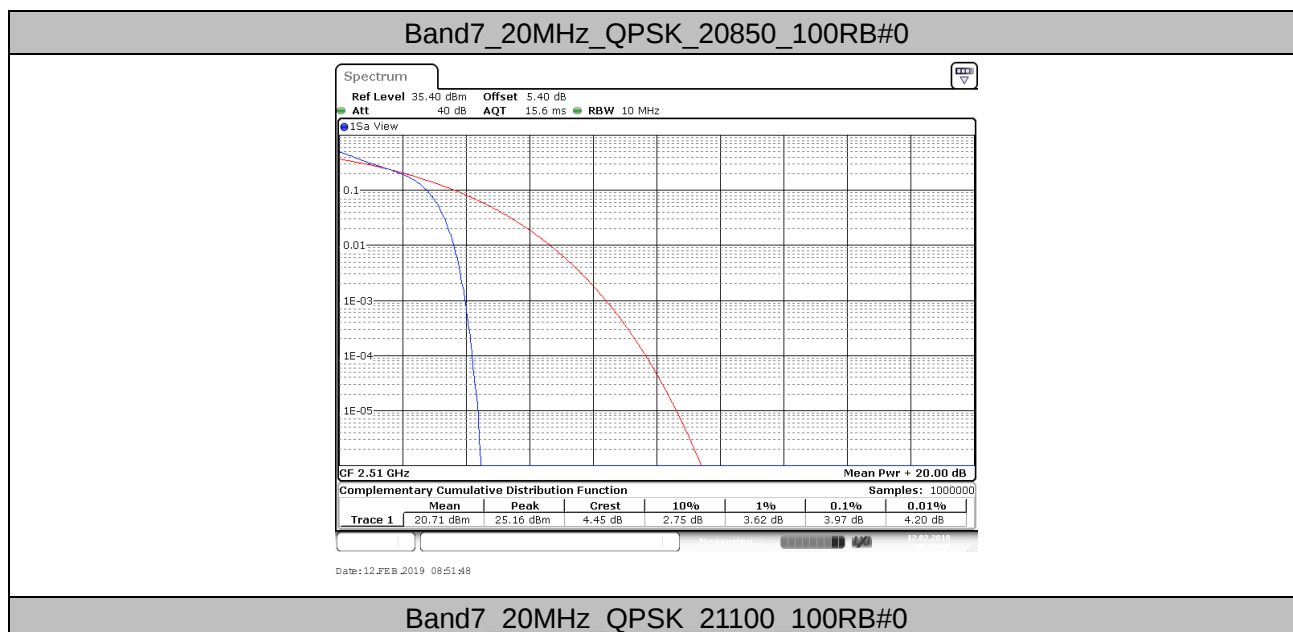


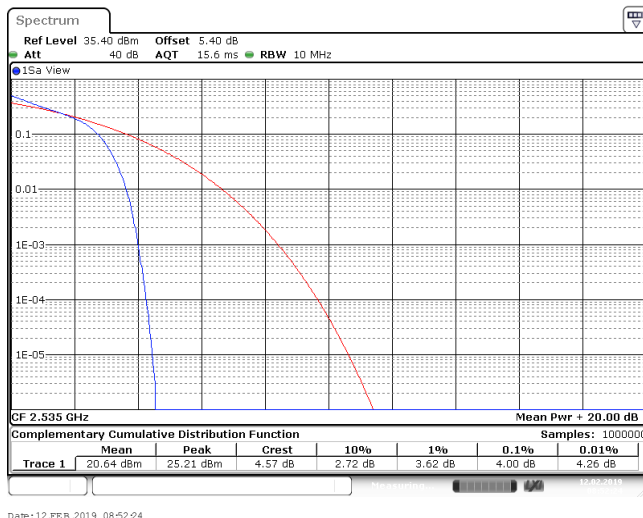
## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

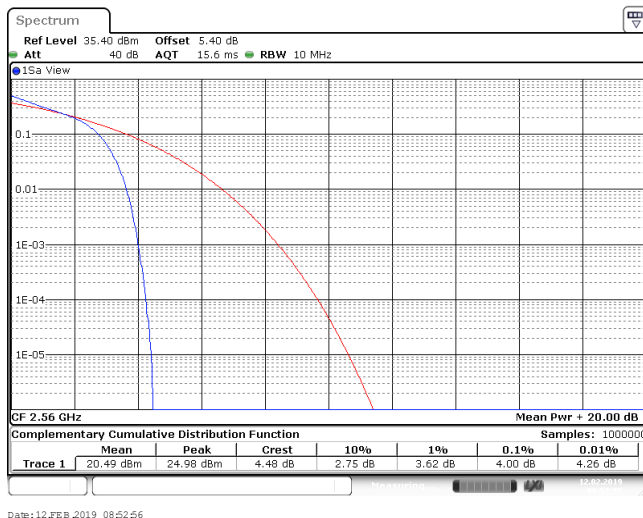
| BAND  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 3.97       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 4.00       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 4.00       | 13        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 3.97       | 13        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 5.77       | 13        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 5.77       | 13        | PASS    |

### 2.2. Test Plots



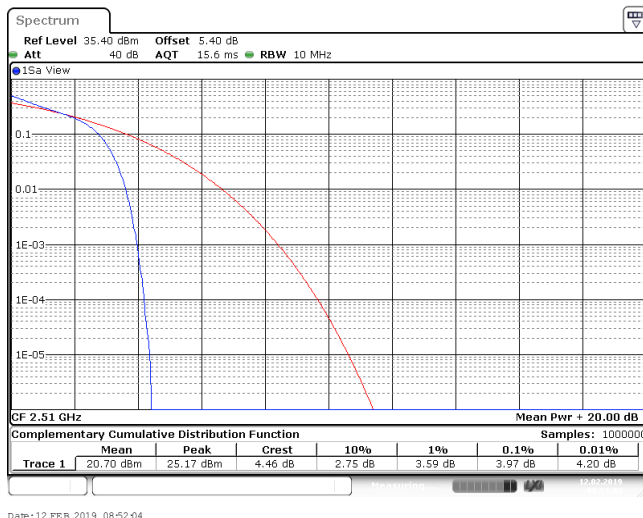


Band7\_20MHz\_QPSK\_21350\_100RB#0

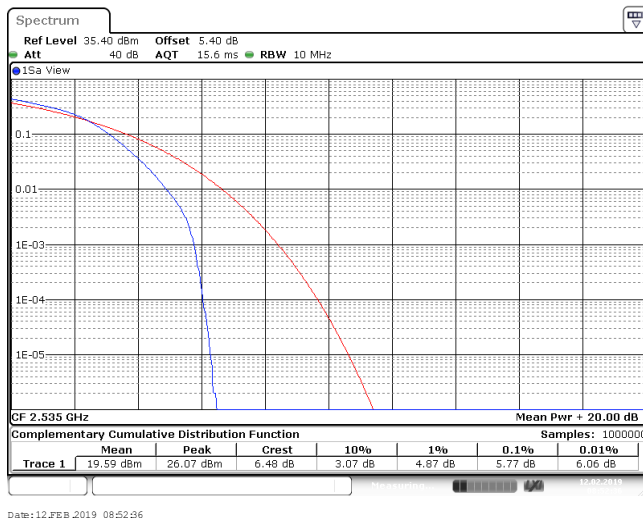


Band7\_20MHz\_16QAM\_20850\_100RB#0



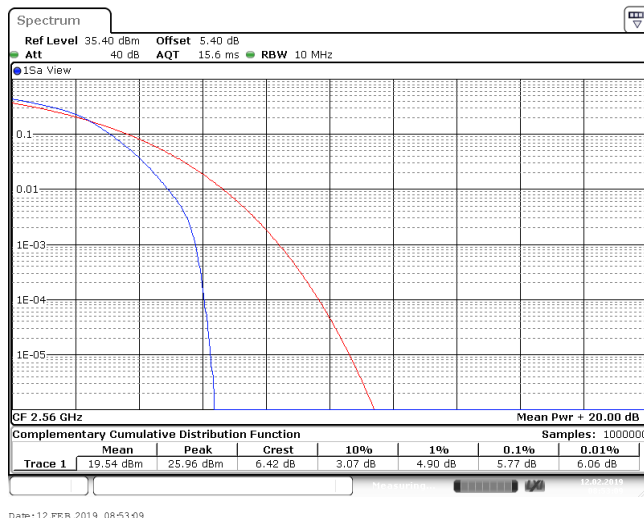


Band7\_20MHz\_16QAM\_21100\_100RB#0



Band7\_20MHz\_16QAM\_21350\_100RB#0





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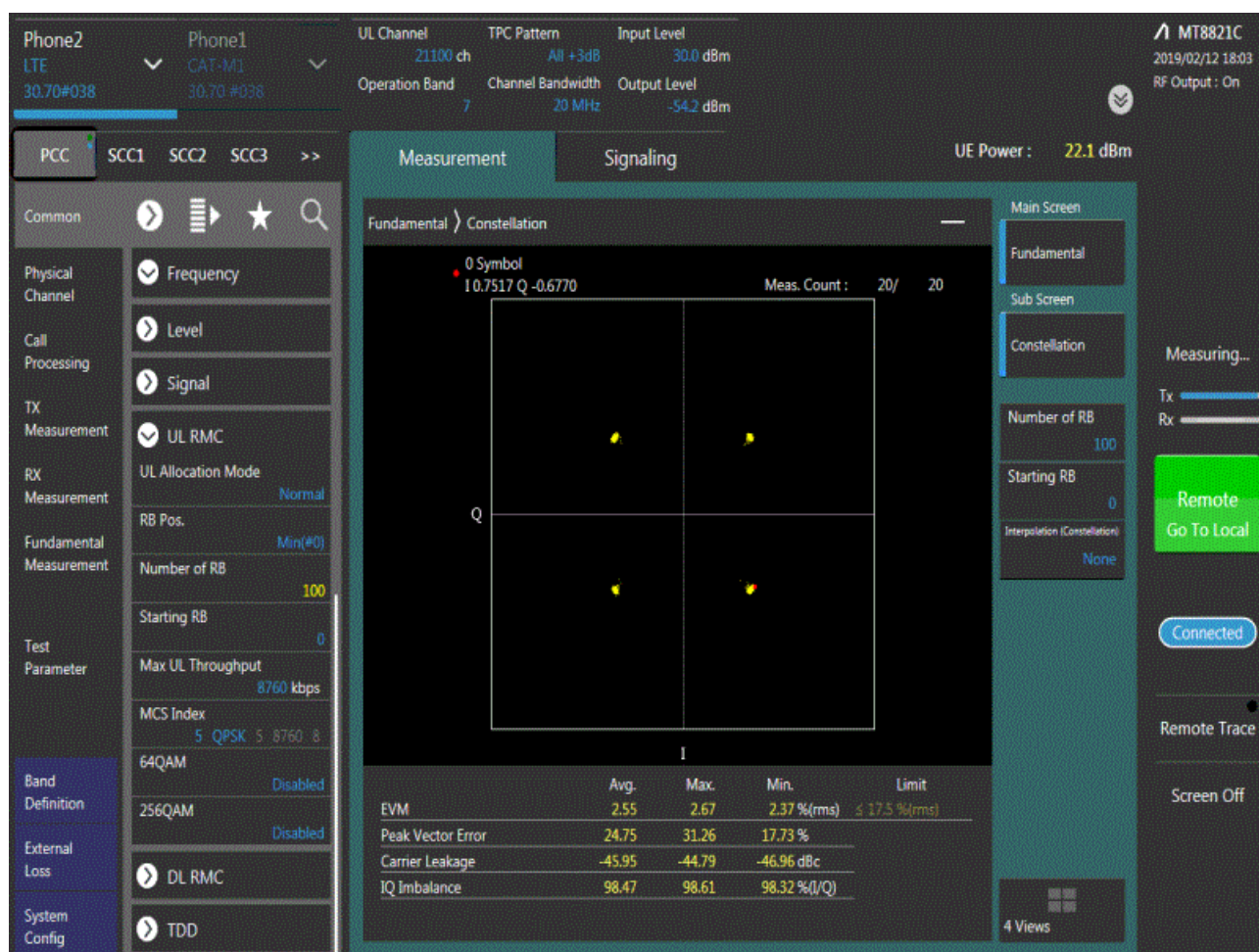
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### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE BAND7

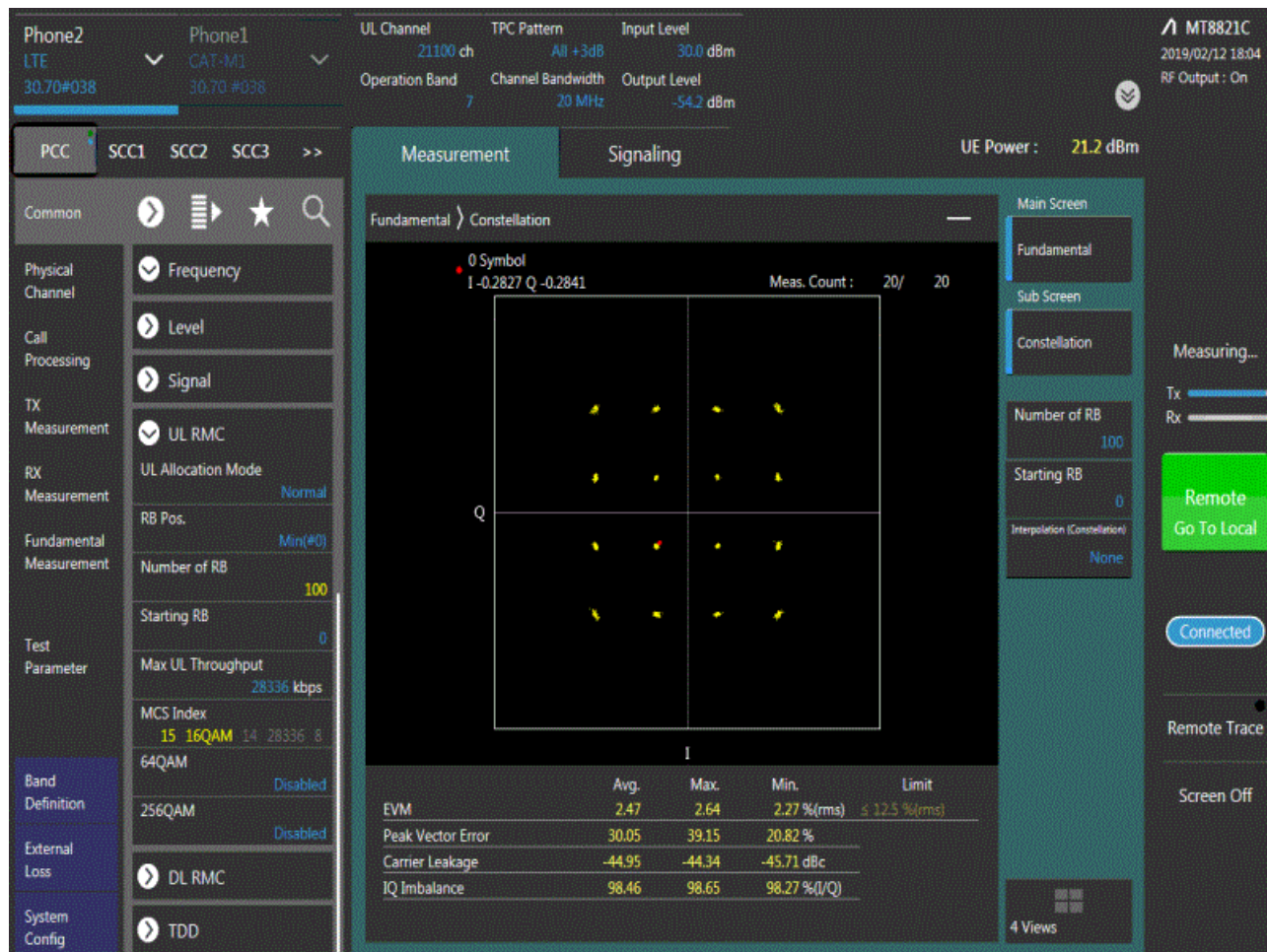
##### 3.1.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1.1. Test Channel = MCH



### 3.1.2. Test Mode = LTE /TM2 20MHz

#### 3.1.2.1. Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

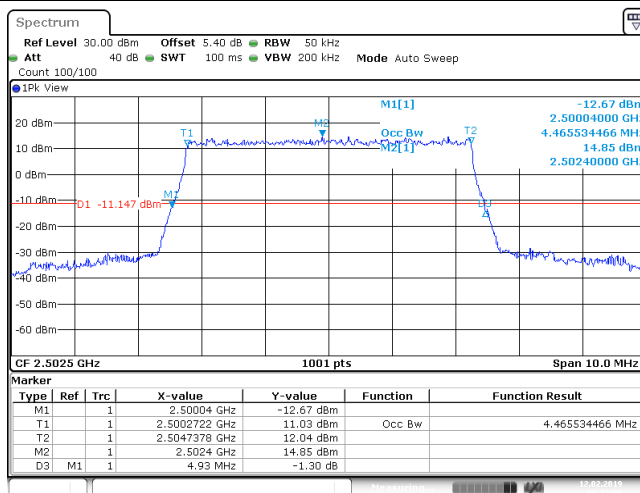
### 4.1. Test Result

| BAND  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.466                    | 4.930                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.486                    | 4.940                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.911                    | 9.700                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 8.911                    | 9.740                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 8.911                    | 9.720                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 8.911                    | 9.780                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 8.911                    | 9.780                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.457                   | 14.730               | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.457                   | 14.790               | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.427                   | 14.790               | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.427                   | 14.730               | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.427                   | 14.790               | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.427                   | 14.760               | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.862                   | 19.280               | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.862                   | 19.440               | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.822                   | 19.400               | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 17.782                   | 19.360               | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 17.862                   | 19.400               | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 17.862                   | 19.360               | PASS    |



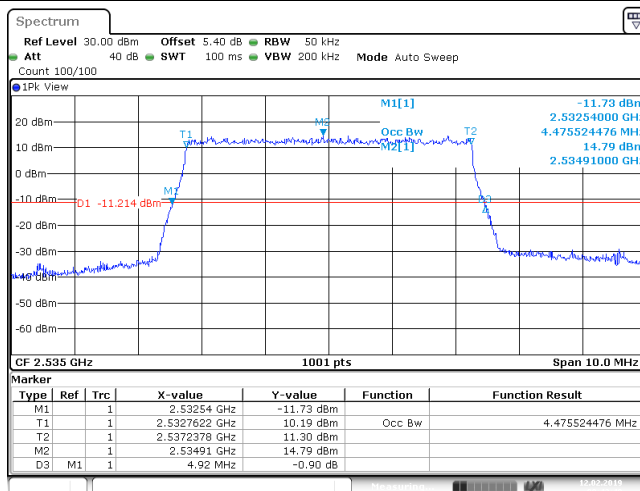
## 4.2. Test Plots

Band7\_5MHz\_QPSK\_20775\_25RB#0



Date: 12 FEB 2019 08:42:09

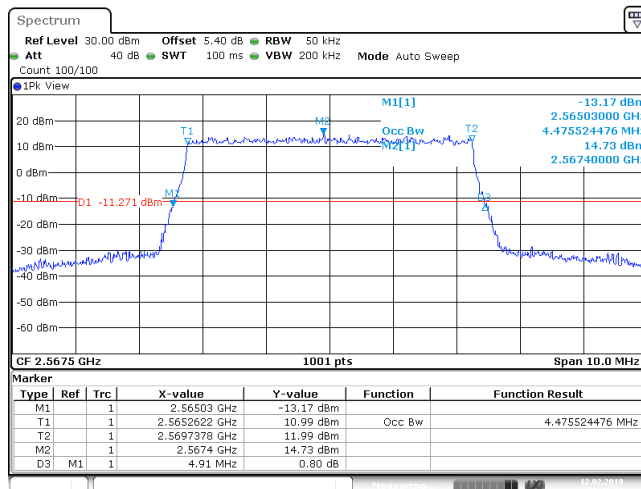
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Date: 12 FEB 2019 08:42:49

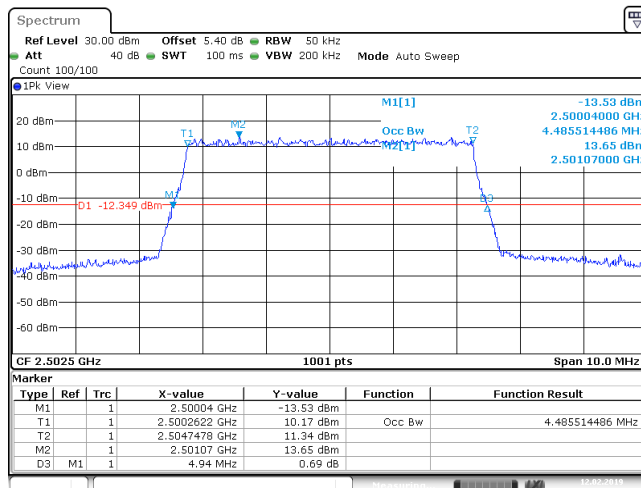
Band7\_5MHz\_QPSK\_21425\_25RB#0





Date: 12 FEB 2019 08:43:29

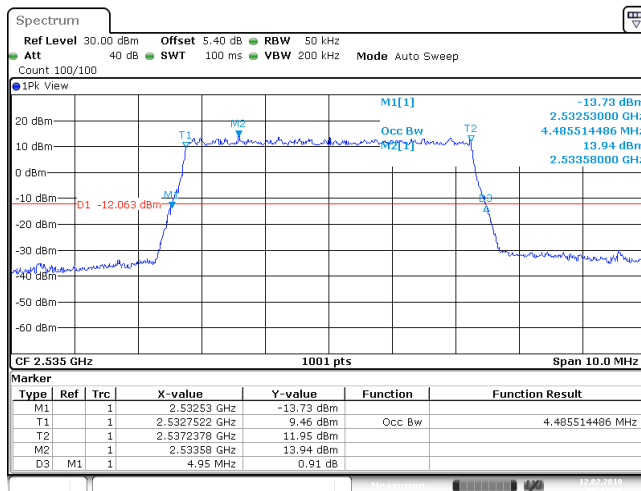
## Band7\_5MHz\_16QAM\_20775\_25RB#0



Date: 12 FEB 2019 08:42:29

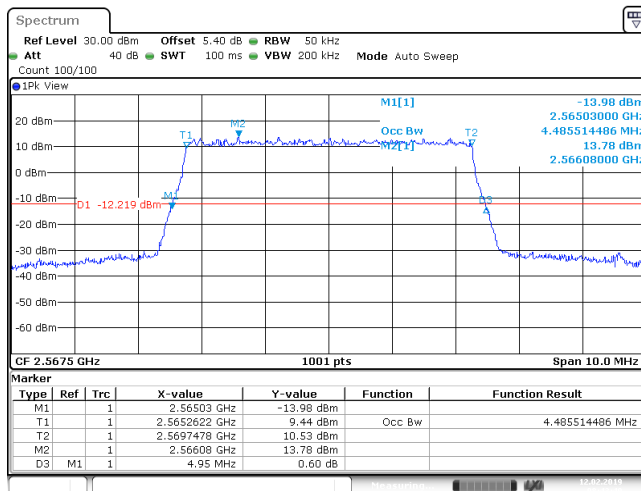
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Date: 12 FEB 2019 08:43:09

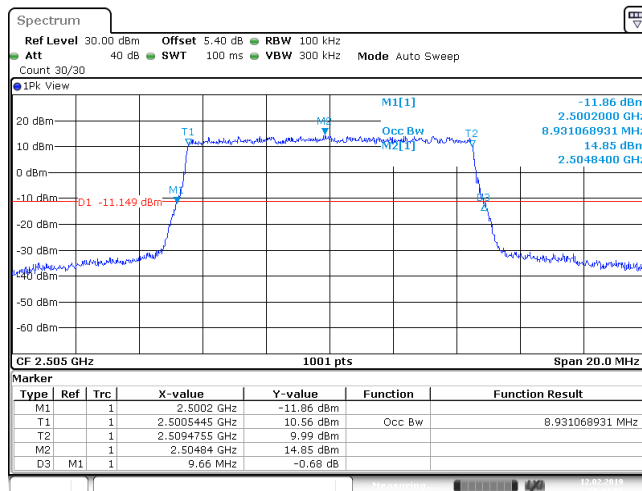
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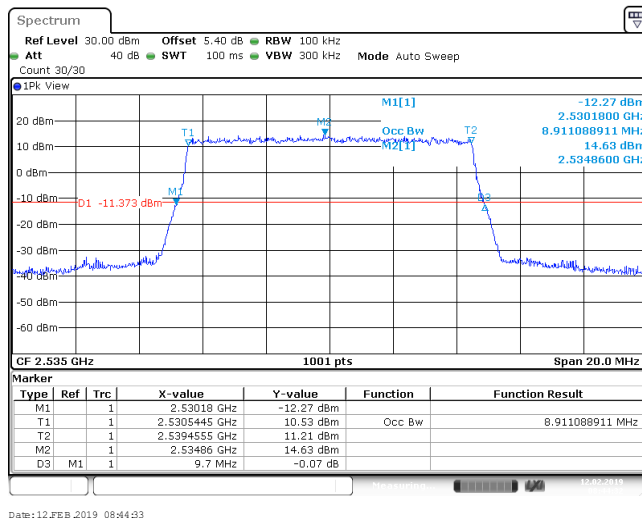
Date: 12 FEB 2019 08:43:49

## Band7\_10MHz\_QPSK\_20800\_50RB#0





## Band7\_10MHz\_QPSK\_21100\_50RB#0

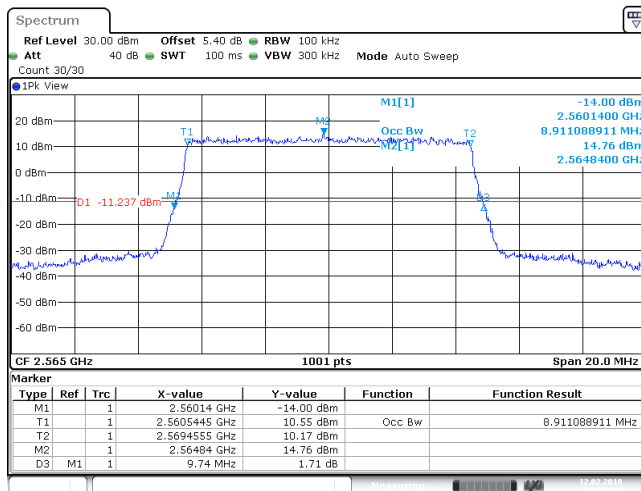


## Band7\_10MHz\_QPSK\_21400\_50RB#0



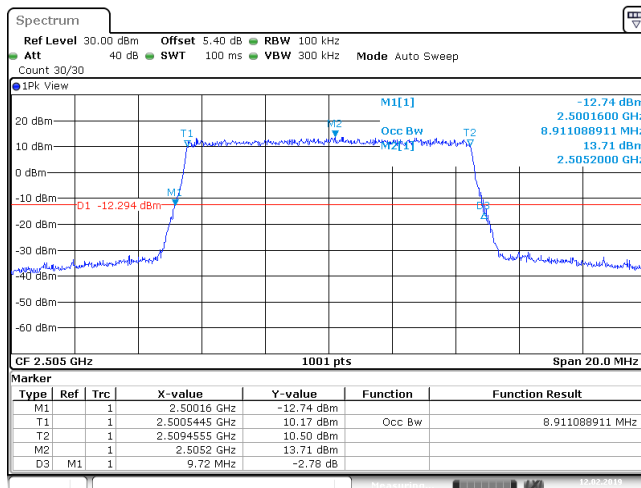
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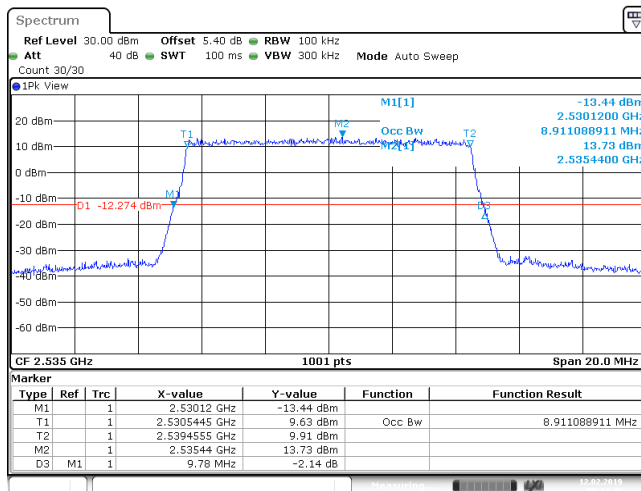
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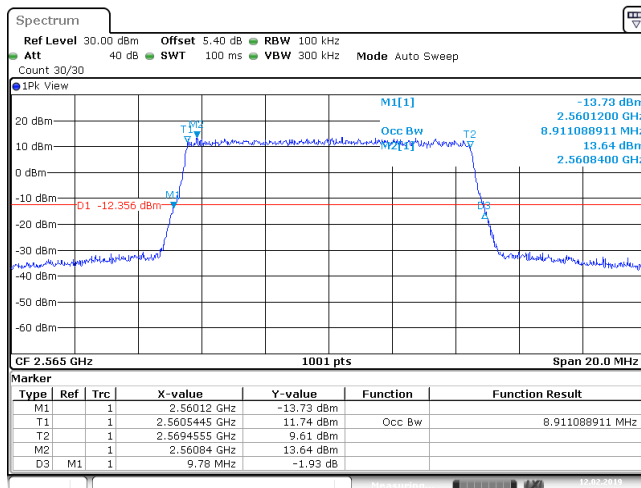
## Band7\_10MHz\_16QAM\_21100\_50RB#0





Date: 12 FEB 2019 08:44:46

## Band7\_10MHz\_16QAM\_21400\_50RB#0



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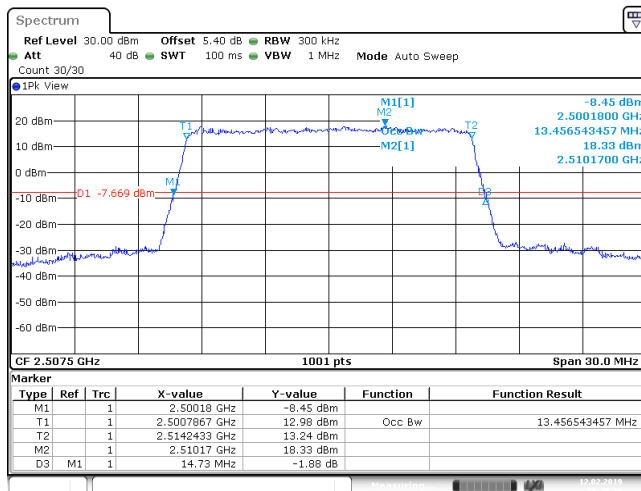
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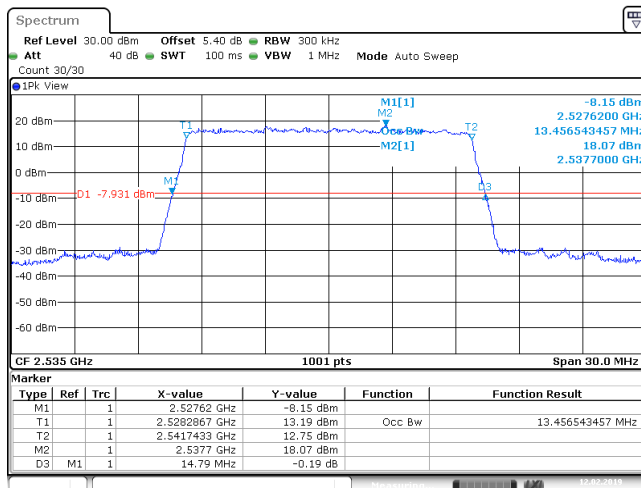
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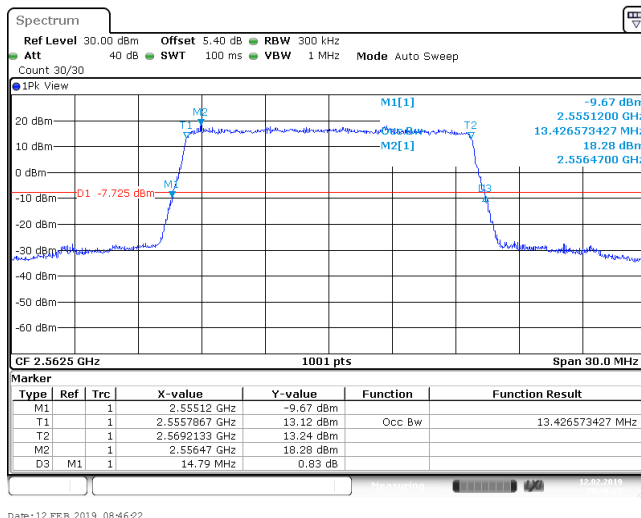
### Band7\_15MHz\_QPSK\_21100\_75RB#0



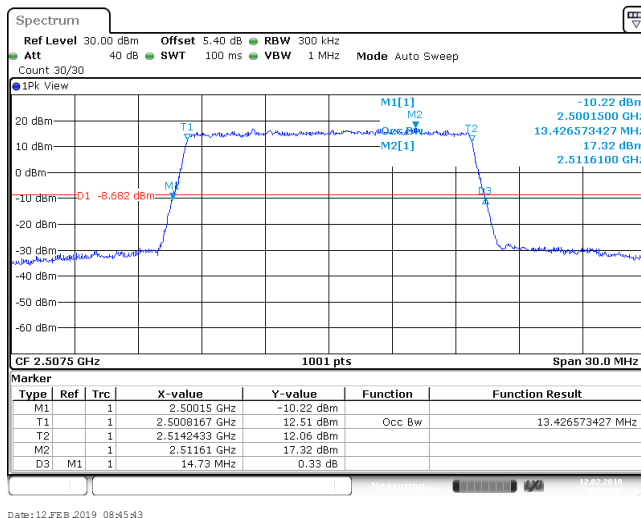
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### Band7\_15MHz\_QPSK\_21375\_75RB#0





## Band7\_15MHz\_16QAM\_20825\_75RB#0



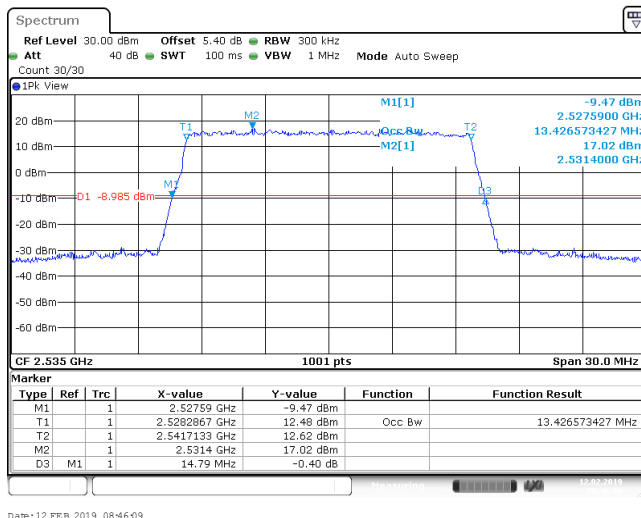
## Band7\_15MHz\_16QAM\_21100\_75RB#0



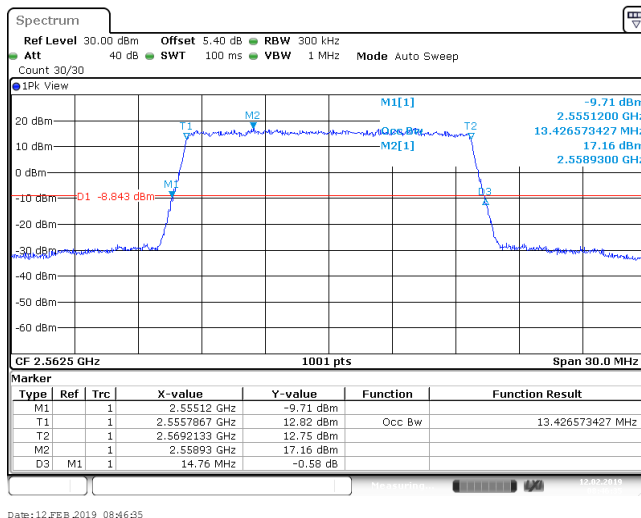
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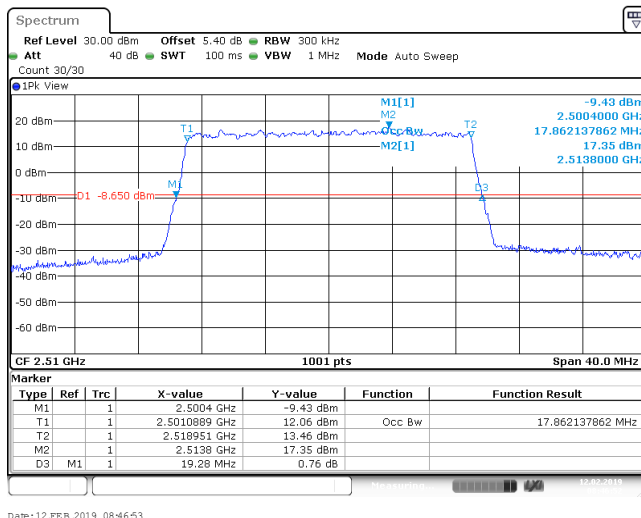


## Band7\_15MHz\_16QAM\_21375\_75RB#0

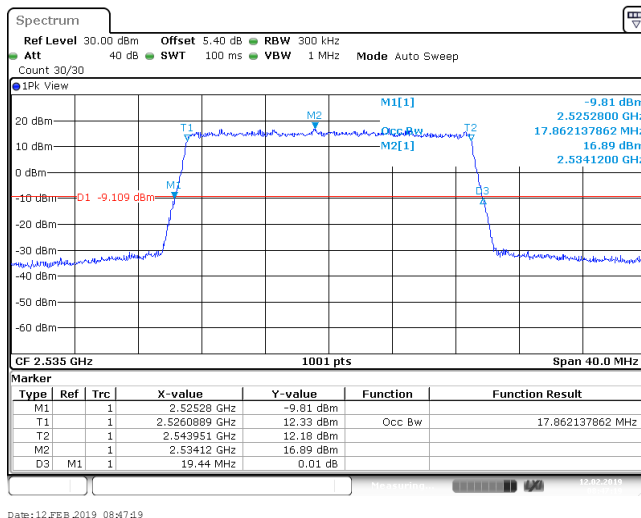


## Band7\_20MHz\_QPSK\_20850\_100RB#0



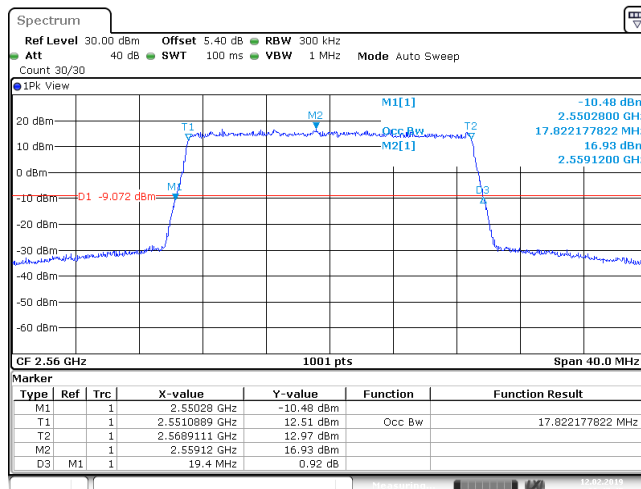


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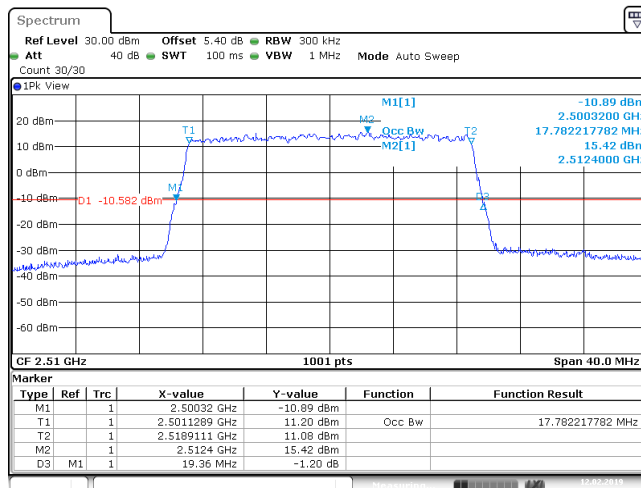
## Band7\_20MHz\_QPSK\_21350\_100RB#0





Date: 12.FEB.2019 08:47:45

## Band7\_20MHz\_16QAM\_20850\_100RB#0



Date: 12.FEB.2019 08:47:06

## Band7\_20MHz\_16QAM\_21100\_100RB#0

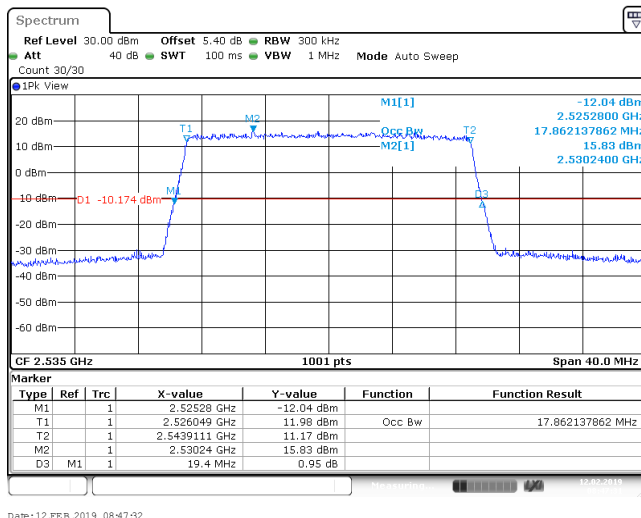


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Shenzhen Branch Inspection & Testing Services

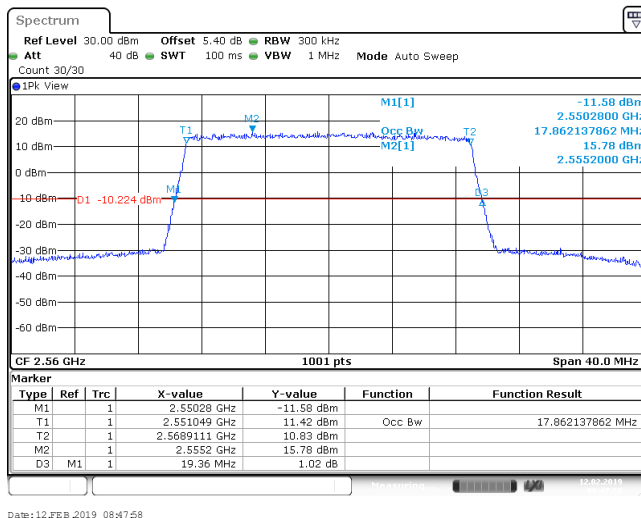
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## Band7\_20MHz\_16QAM\_21350\_100RB#0



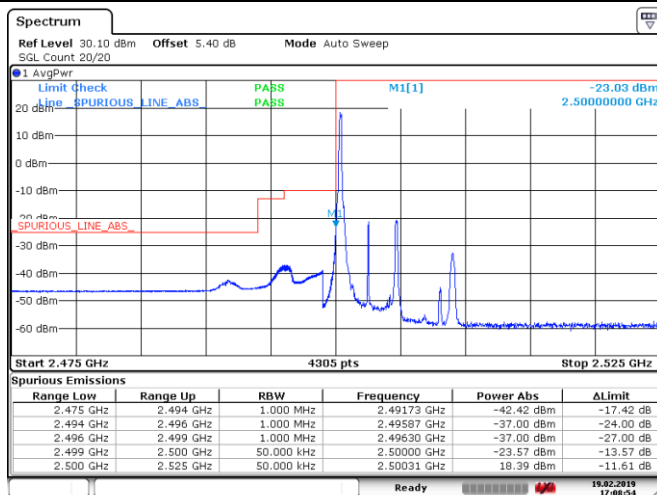
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## 5. Band Edge Compliance

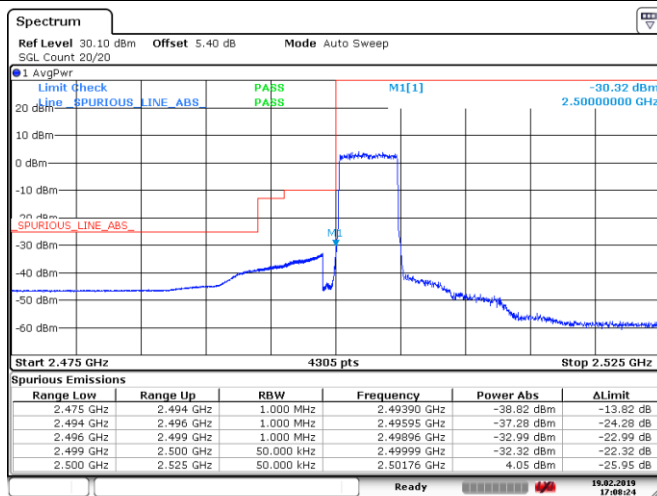
### 5.1. Test Plots

Band7\_5MHz\_QPSK\_20775\_1RB#0



Date: 19 FEB 2019 17:08:54

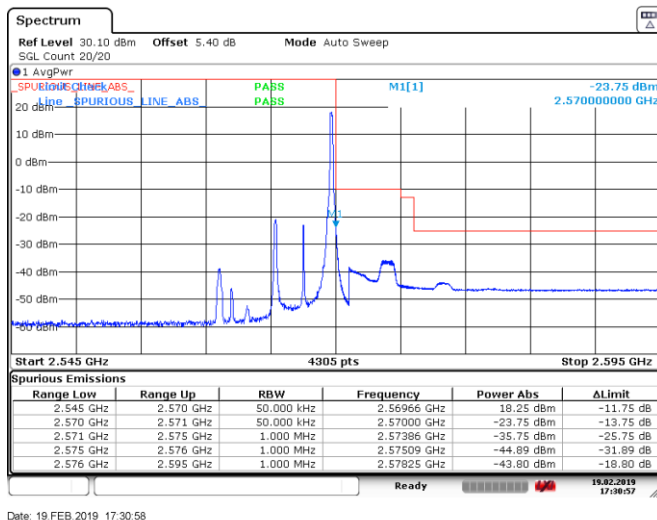
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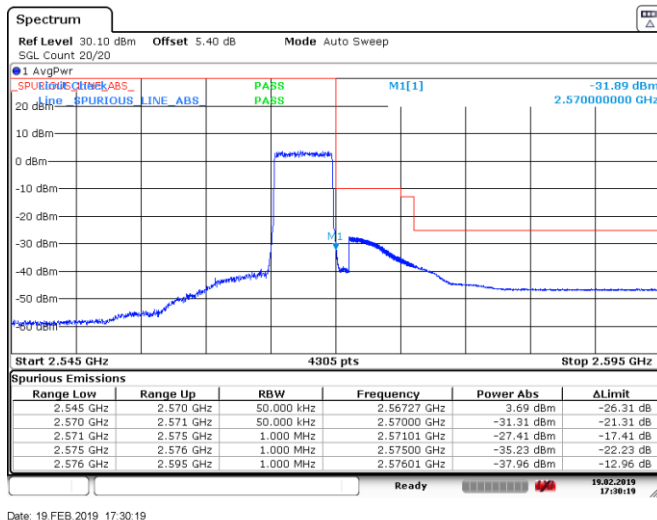
Date: 19 FEB 2019 17:08:23

Band7\_5MHz\_QPSK\_21425\_1RB#24



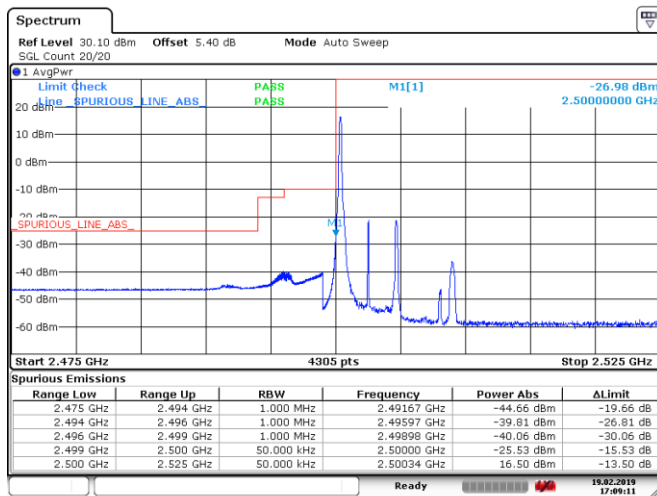


## Band7\_5MHz\_QPSK\_21425\_25RB#0



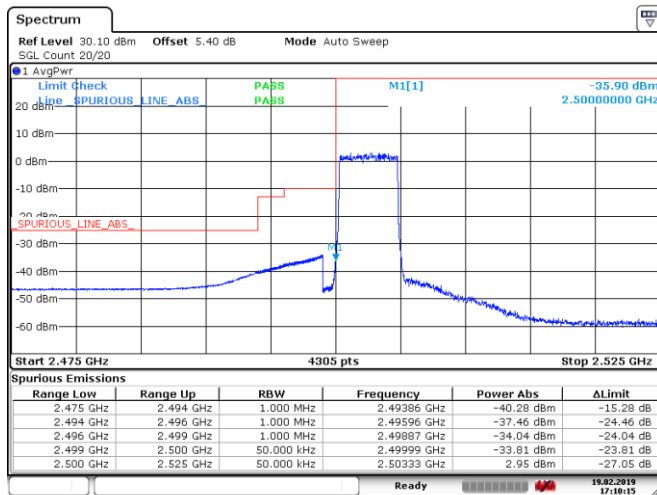
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Date: 19 FEB 2019 17:09:12

## Band7\_5MHz\_16QAM\_20775\_25RB#0



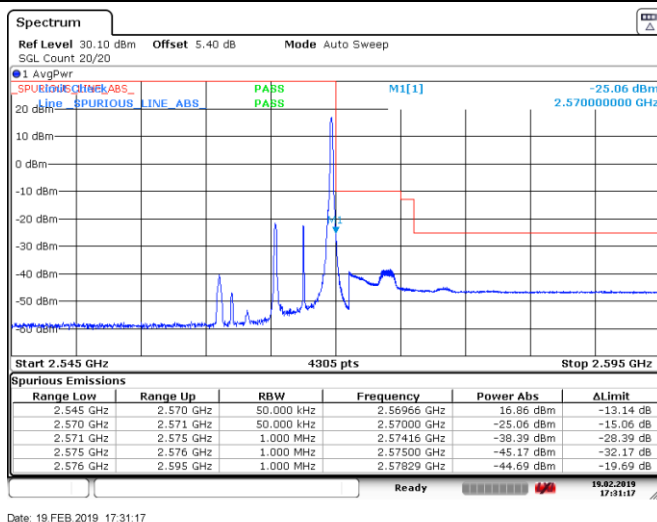
Date: 19 FEB 2019 17:10:15

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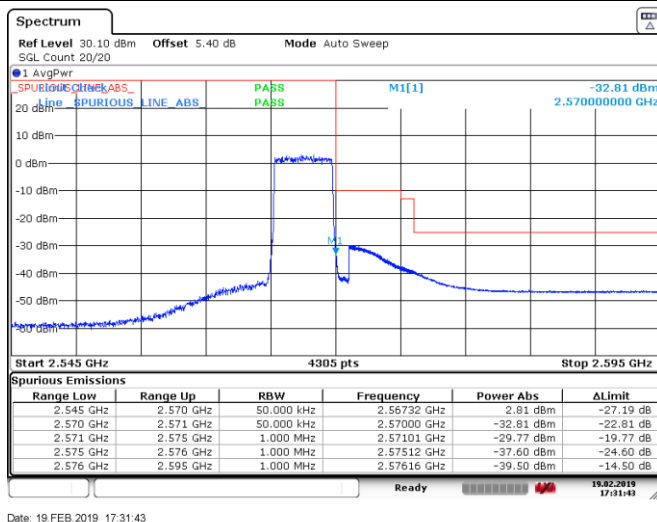


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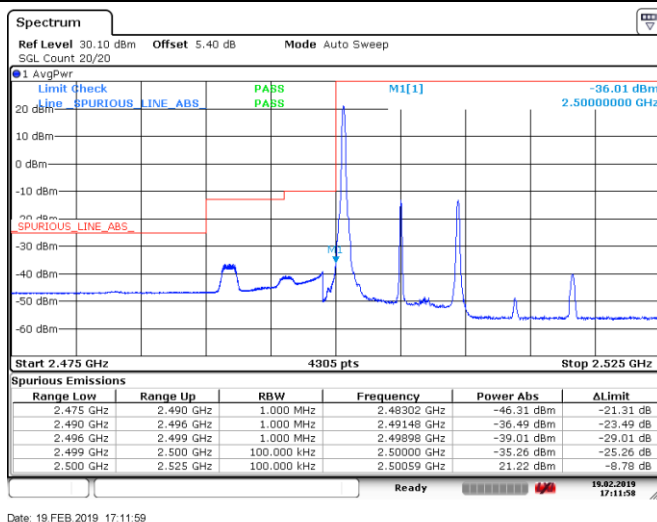


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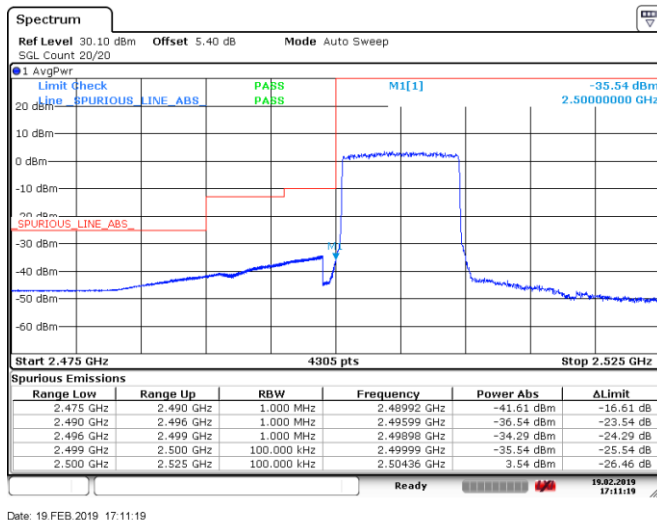
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Date: 19 FEB 2019 17:11:59

## Band7\_10MHz\_QPSK\_20800\_50RB#0



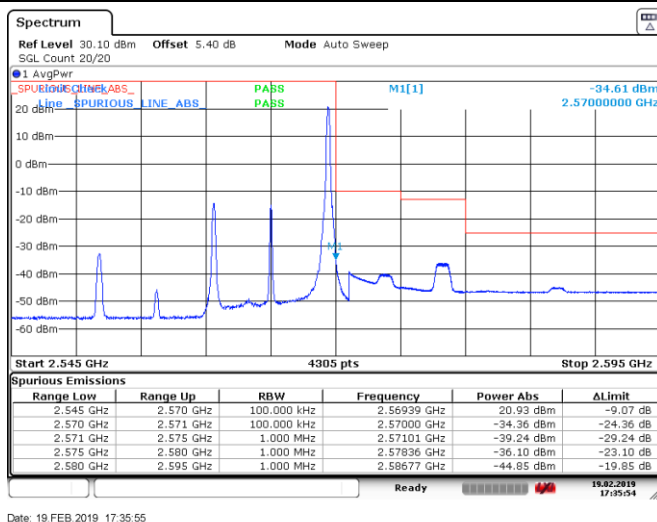
Date: 19 FEB 2019 17:11:19

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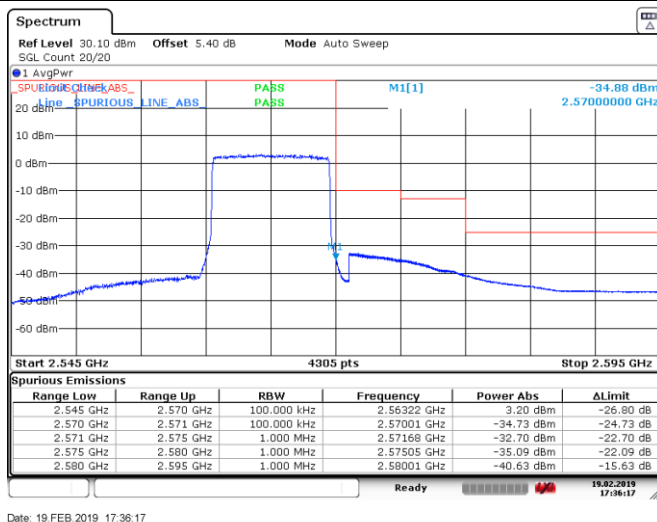


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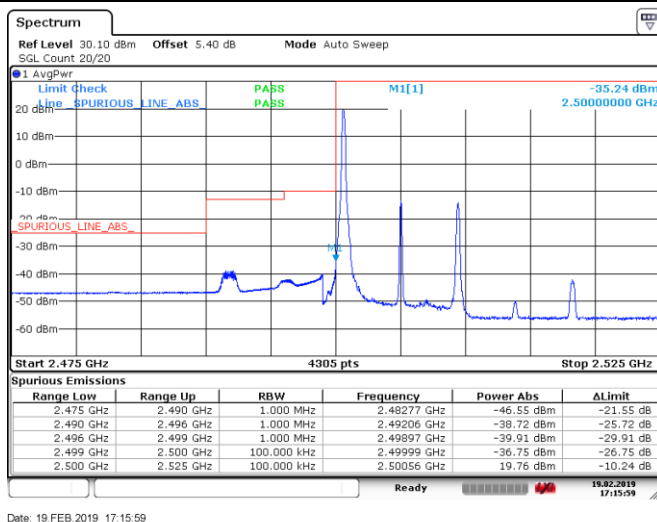


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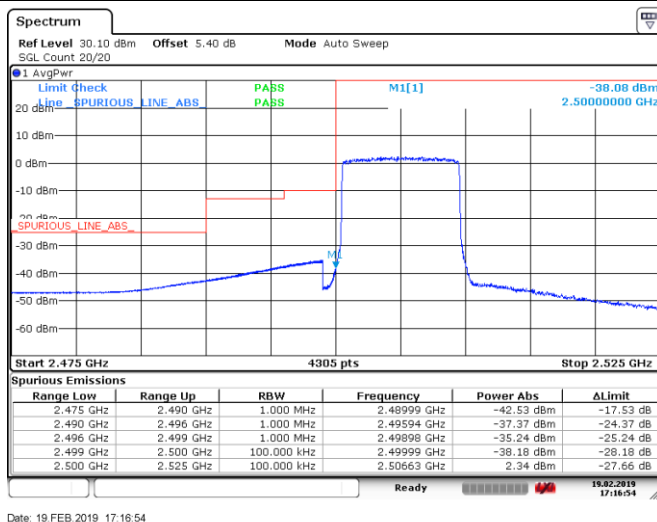


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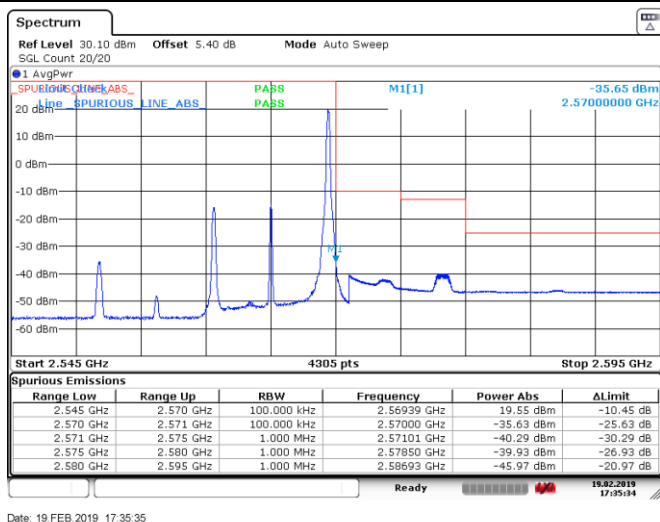


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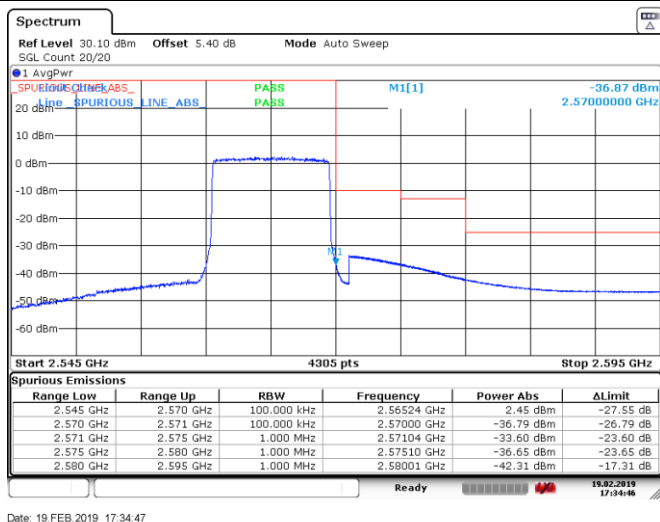


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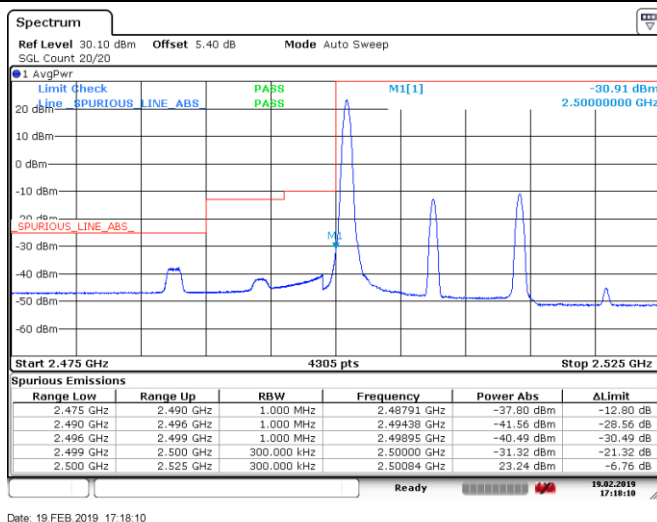


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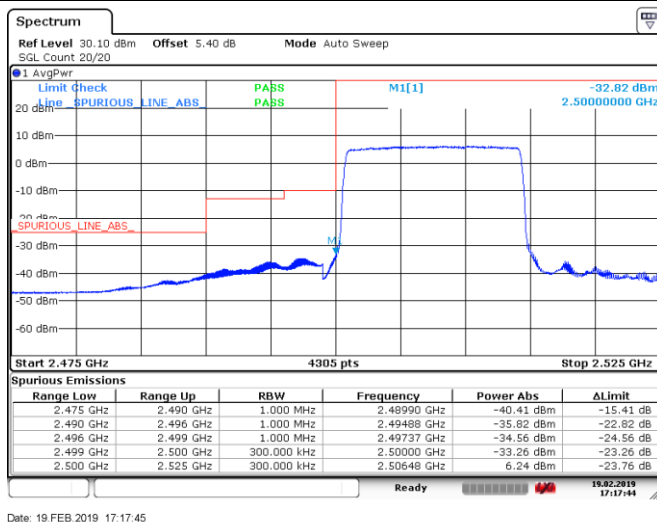


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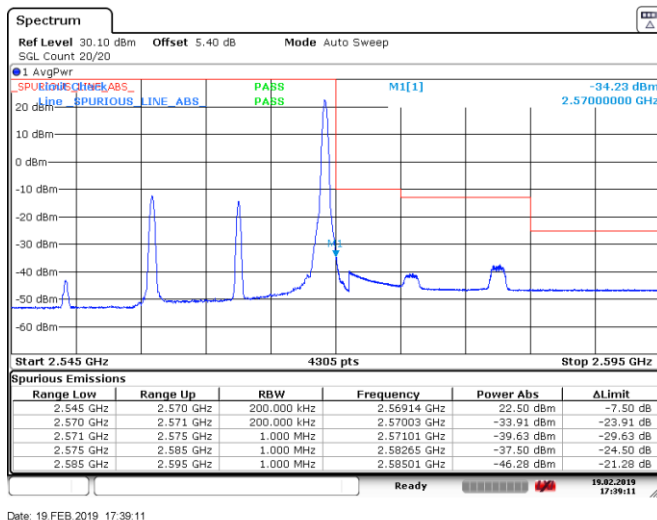


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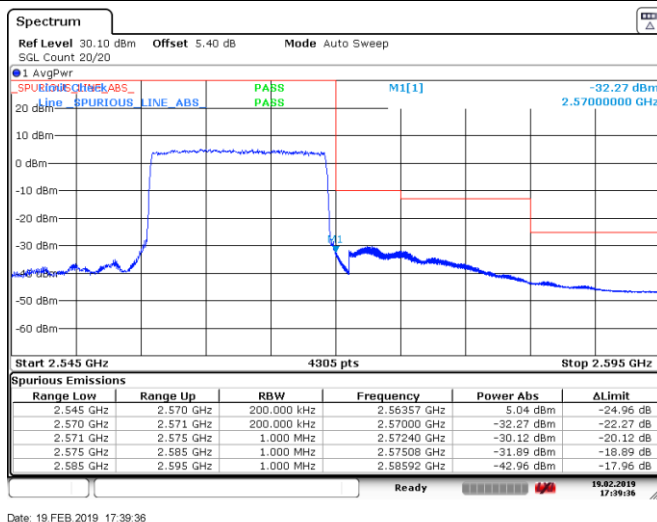


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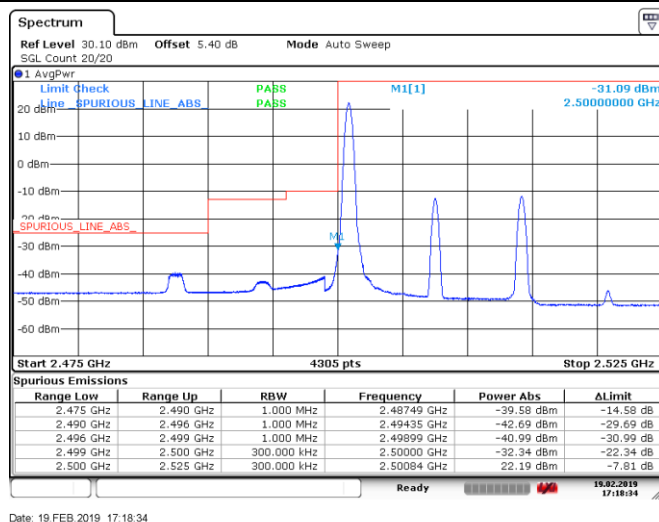


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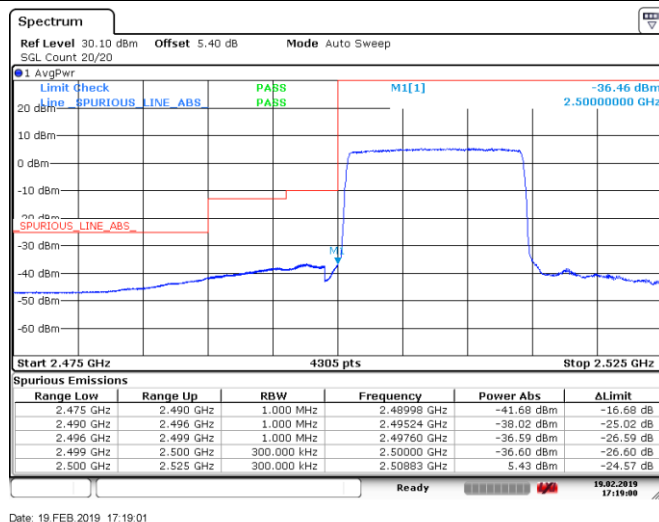


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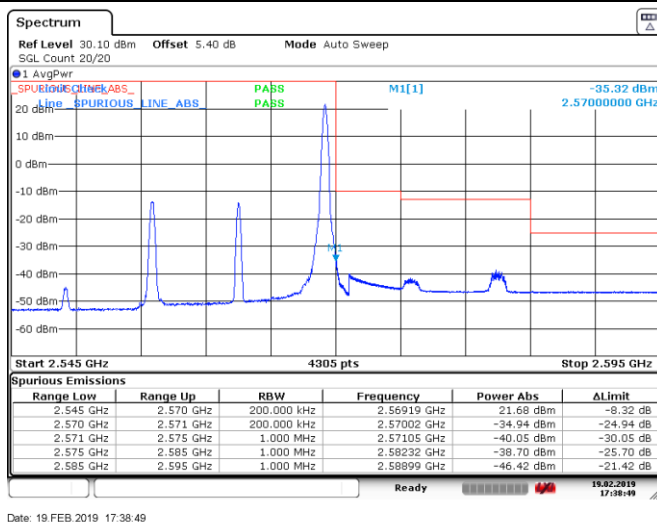


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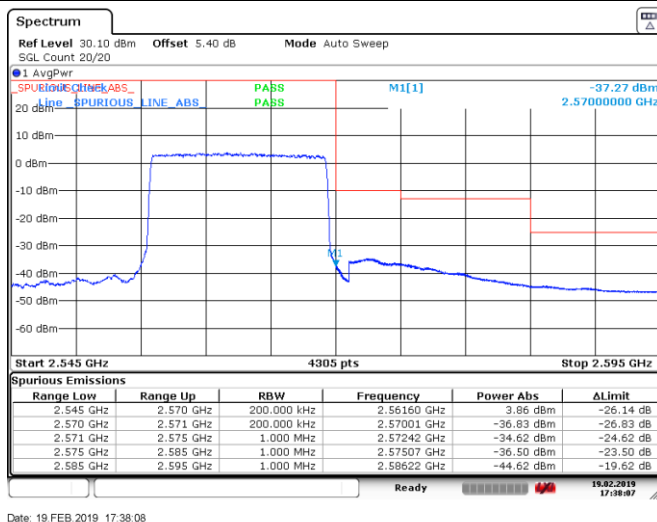


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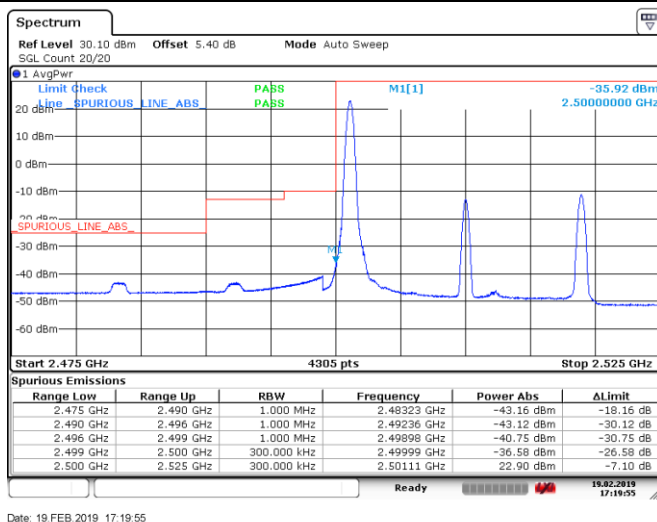


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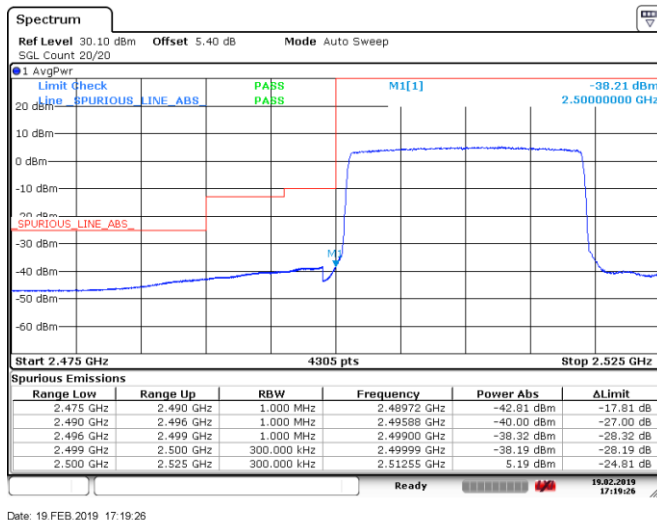


## Band7\_20MHz\_QPSK\_20850\_1RB#0



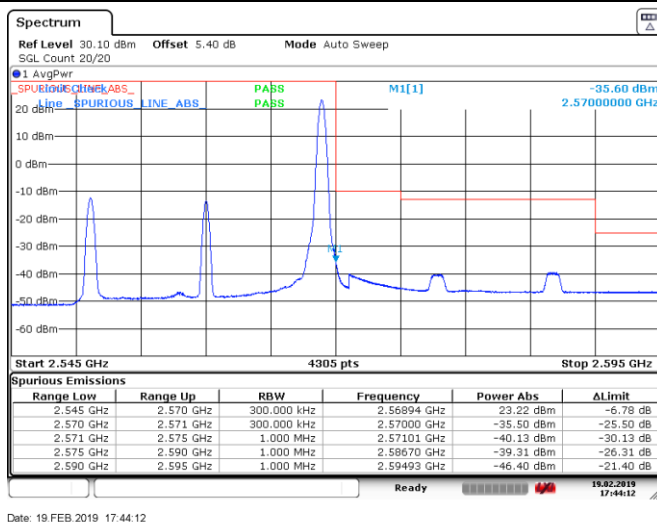


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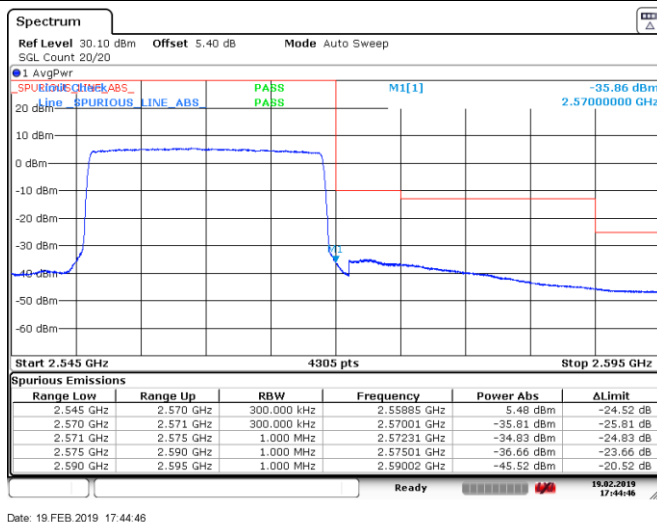


## Band7\_20MHz\_QPSK\_21350\_1RB#99



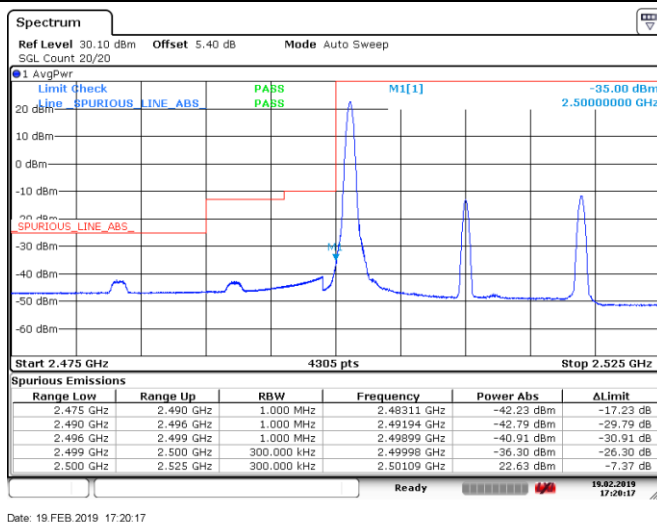


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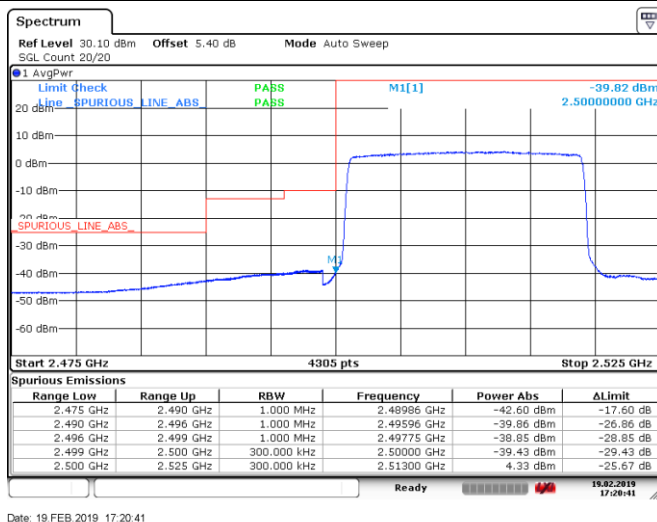


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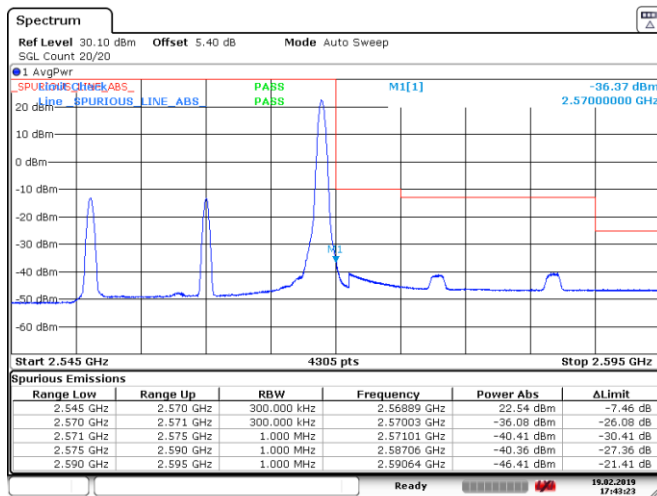


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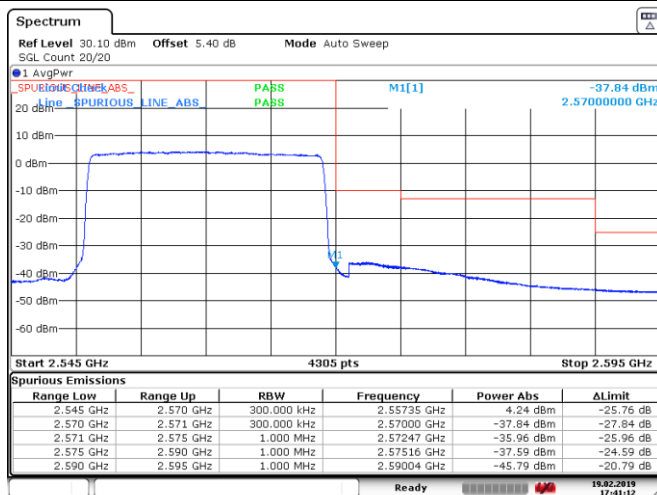
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Date: 19 FEB 2019 17:43:24

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Date: 19 FEB 2019 17:41:12



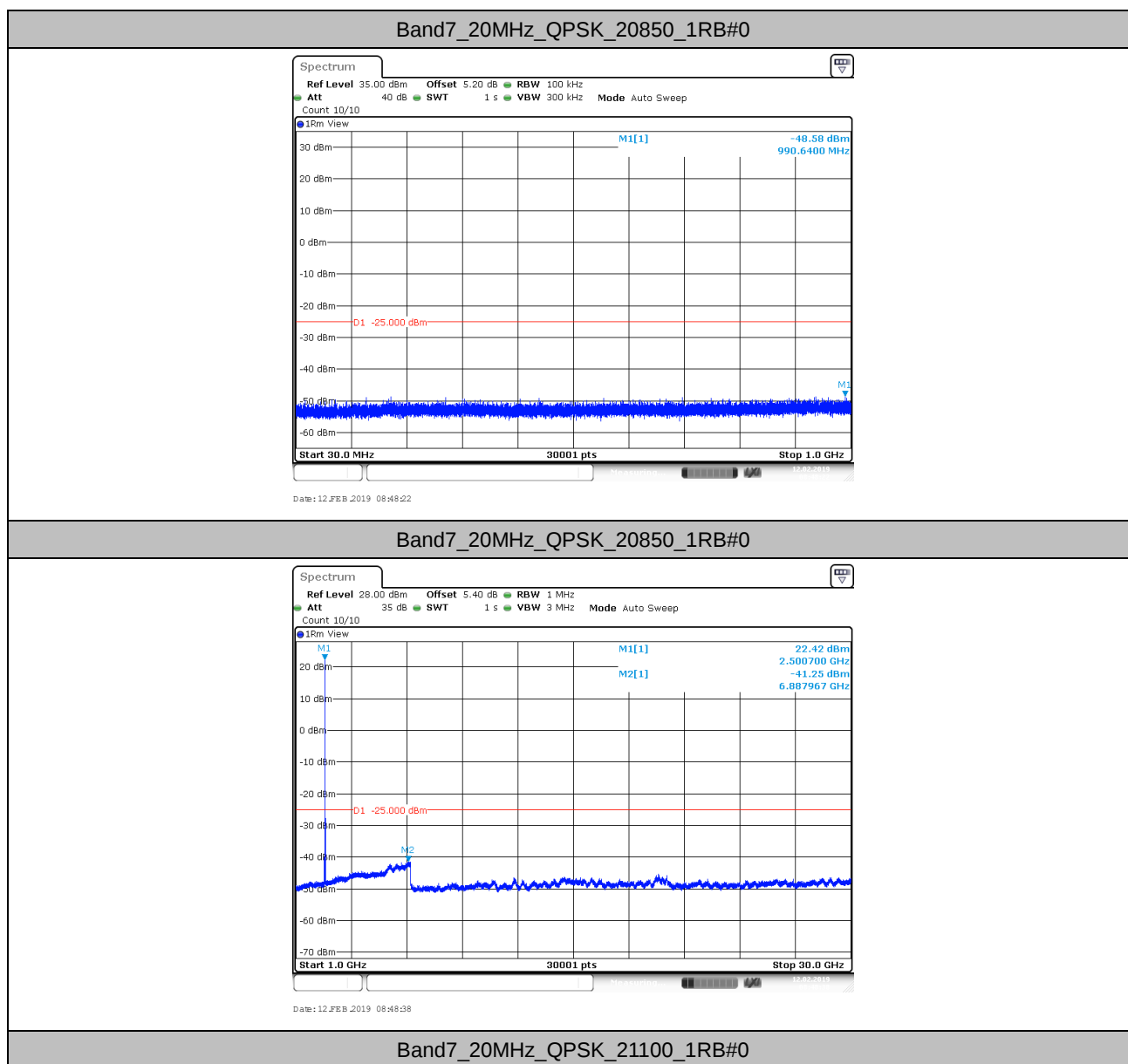


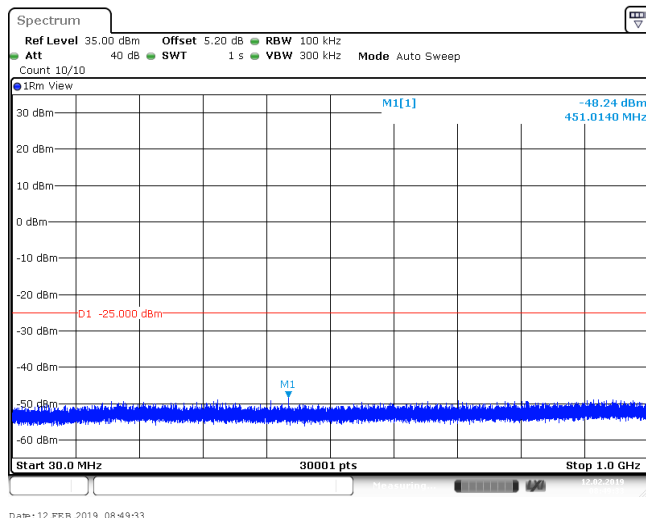
## 6. Spurious Emission at Antenna Terminal

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.

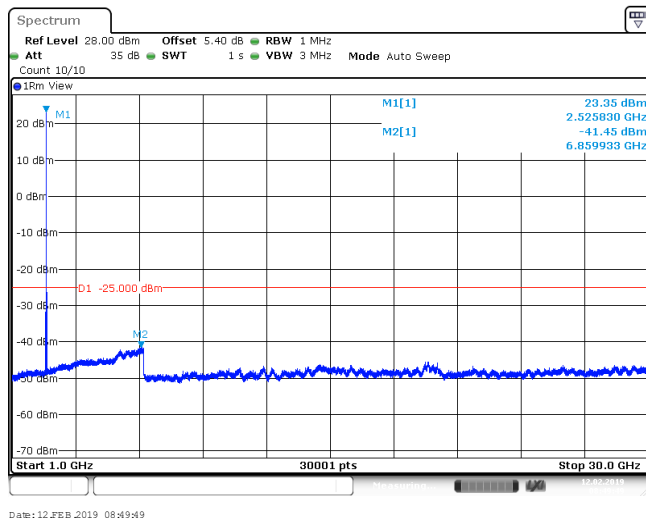
Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots



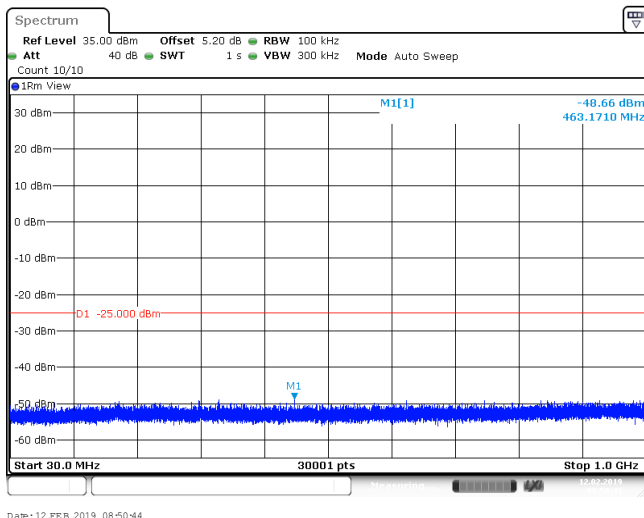


Band7\_20MHz\_QPSK\_21100\_1RB#0

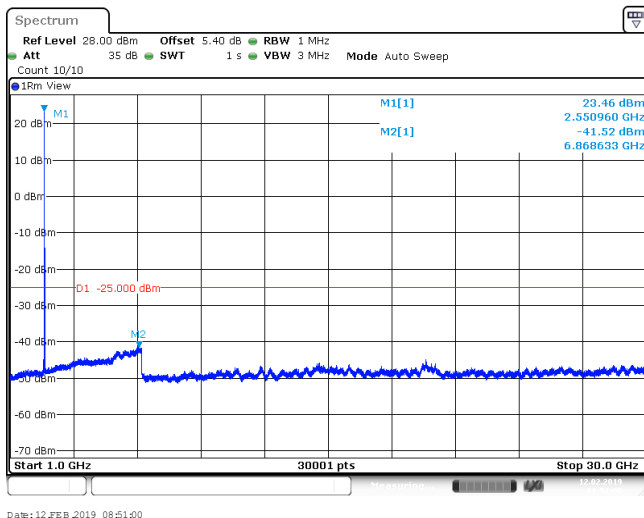


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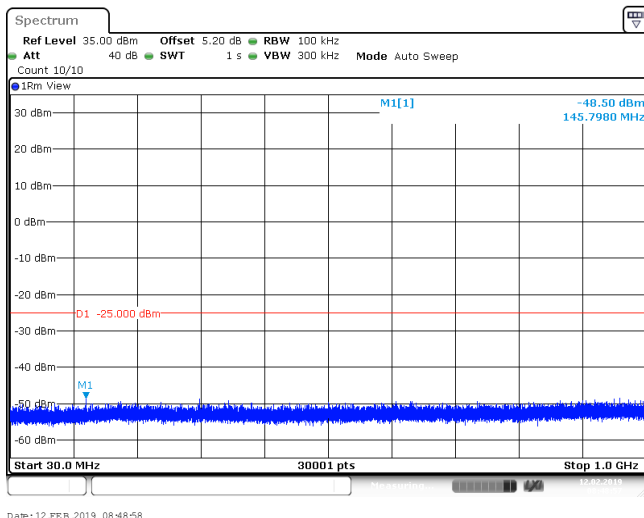


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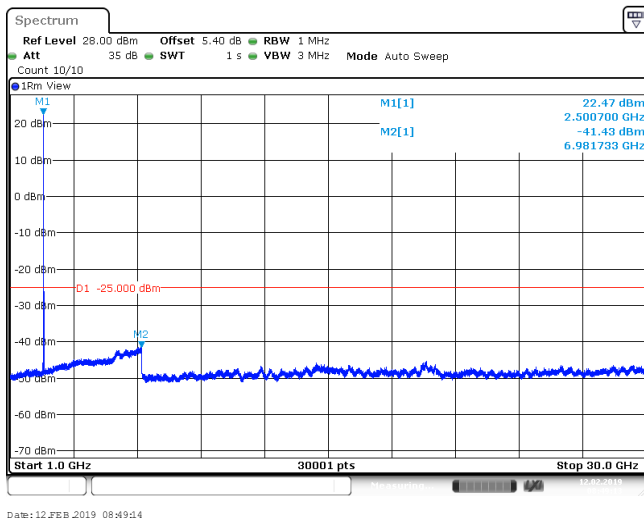


Band7\_20MHz\_16QAM\_20850\_1RB#0





Band7\_20MHz\_16QAM\_20850\_1RB#0

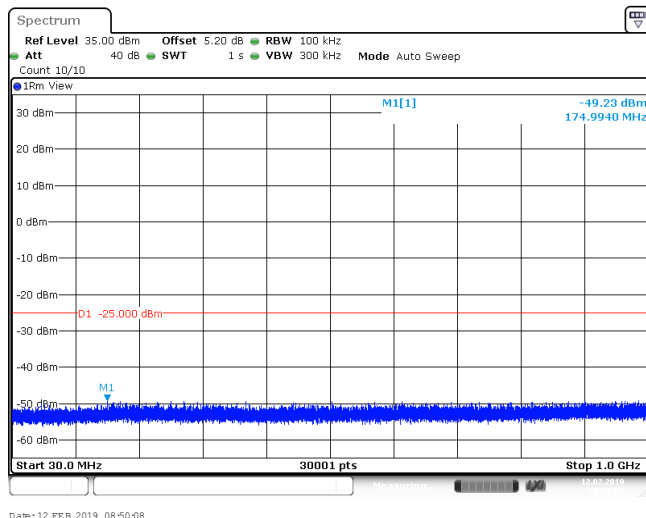


Band7\_20MHz\_16QAM\_21100\_1RB#0

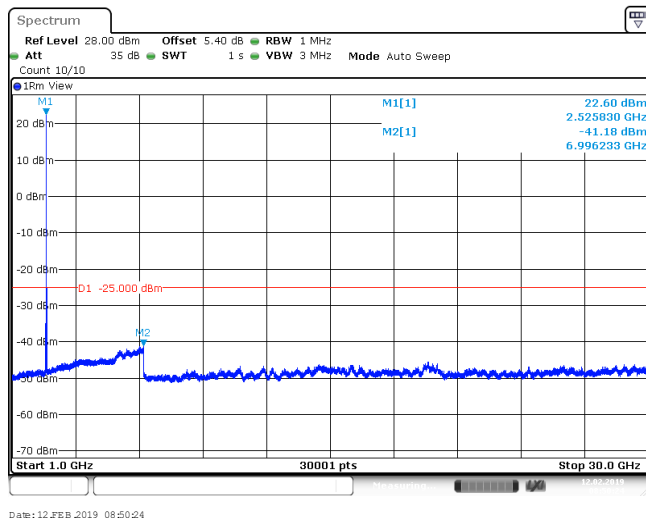


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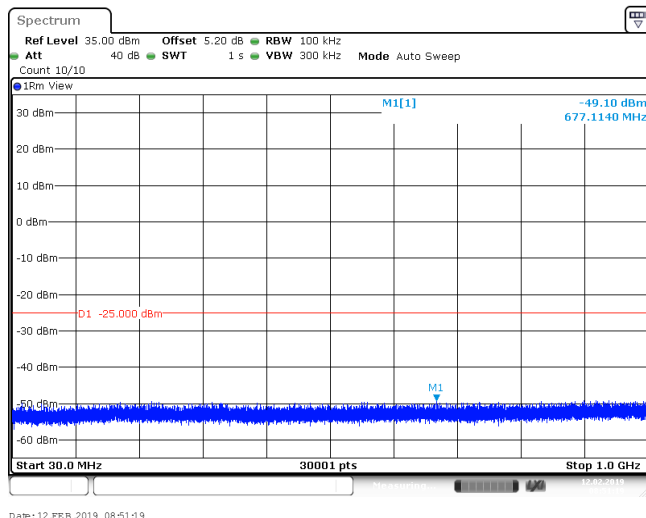


Band7\_20MHz\_16QAM\_21100\_1RB#0

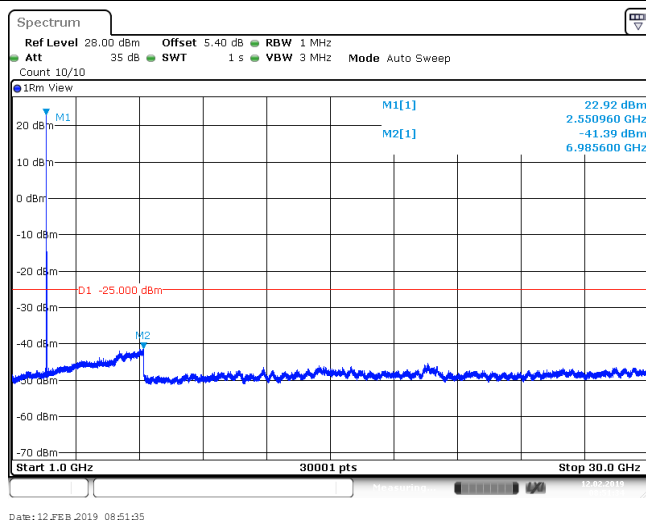


Band7\_20MHz\_16QAM\_21350\_1RB#0





Band7\_20MHz\_16QAM\_21350\_1RB#0



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## 7. Field Strength of Spurious Radiation

### 7.1. Test BAND = LTE Band7

#### 7.1.1. Test Mode = LTE/TM1 20MHz

##### 7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 70.8390         | -70.10      | -25.00           | 45.10       | Vertical     |
| 113.7637        | -65.52      | -25.00           | 40.52       | Vertical     |
| 663.4417        | -64.60      | -25.00           | 39.60       | Vertical     |
| 5002.2801       | -38.24      | -25.00           | 13.24       | Vertical     |
| 10004.6802      | -42.71      | -25.00           | 17.71       | Vertical     |
| 17994.5998      | -34.38      | -25.00           | 9.38        | Vertical     |
| 44.6477         | -64.18      | -25.00           | 39.18       | Horizontal   |
| 152.7111        | -68.66      | -25.00           | 43.66       | Horizontal   |
| 677.1194        | -63.79      | -25.00           | 38.79       | Horizontal   |
| 5002.2801       | -47.95      | -25.00           | 22.95       | Horizontal   |
| 16398.5359      | -39.09      | -25.00           | 14.09       | Horizontal   |
| 17987.9995      | -38.85      | -25.00           | 13.85       | Horizontal   |

##### 7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 50.1770         | -73.56      | -25.00           | 48.56       | Vertical     |
| 112.7451        | -64.81      | -25.00           | 39.81       | Vertical     |
| 425.0523        | -68.23      | -25.00           | 43.23       | Vertical     |
| 5052.0821       | -39.11      | -25.00           | 14.11       | Vertical     |
| 10104.8842      | -42.18      | -25.00           | 17.18       | Vertical     |
| 17997.5999      | -34.27      | -25.00           | 9.27        | Vertical     |
| 41.3011         | -64.59      | -25.00           | 39.59       | Horizontal   |
| 163.9152        | -68.99      | -25.00           | 43.99       | Horizontal   |



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|            |        |        |       |            |
|------------|--------|--------|-------|------------|
| 633.5642   | -63.69 | -25.00 | 38.69 | Horizontal |
| 5052.0821  | -49.66 | -25.00 | 24.66 | Horizontal |
| 10013.0805 | -49.09 | -25.00 | 24.09 | Horizontal |
| 16396.7359 | -39.61 | -25.00 | 14.61 | Horizontal |

### 7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 70.9845         | -69.64      | -25.00           | 44.64       | Vertical     |
| 108.7194        | -65.65      | -25.00           | 40.65       | Vertical     |
| 593.6467        | -64.04      | -25.00           | 39.04       | Vertical     |
| 5101.8841       | -35.87      | -25.00           | 10.87       | Vertical     |
| 10204.4882      | -41.09      | -25.00           | 16.09       | Vertical     |
| 17972.3989      | -34.22      | -25.00           | 9.22        | Vertical     |
| 41.9801         | -65.41      | -25.00           | 40.41       | Horizontal   |
| 164.8367        | -68.79      | -25.00           | 43.79       | Horizontal   |
| 608.0519        | -63.42      | -25.00           | 38.42       | Horizontal   |
| 5101.8841       | -46.27      | -25.00           | 21.27       | Horizontal   |
| 10204.4882      | -48.69      | -25.00           | 23.69       | Horizontal   |
| 17998.1999      | -39.09      | -25.00           | 14.09       | Horizontal   |

### 7.1.1.4. Spot Check worse mode

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 66.0373         | -68.78      | -25.00           | 43.78       | Vertical     |
| 116.0918        | -64.32      | -25.00           | 39.32       | Vertical     |
| 434.0252        | -67.08      | -25.00           | 42.08       | Vertical     |
| 5052.0821       | -41.14      | -25.00           | 16.14       | Vertical     |
| 10104.2842      | -45.67      | -25.00           | 20.67       | Vertical     |
| 17991.5997      | -33.32      | -25.00           | 8.32        | Vertical     |
| 40.5250         | -63.18      | -25.00           | 38.18       | Horizontal   |
| 153.3417        | -67.89      | -25.00           | 42.89       | Horizontal   |



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|            |        |        |       |            |
|------------|--------|--------|-------|------------|
| 515.9458   | -65.67 | -25.00 | 40.67 | Horizontal |
| 5052.0821  | -47.31 | -25.00 | 22.31 | Horizontal |
| 10099.4840 | -49.43 | -25.00 | 24.43 | Horizontal |
| 17993.3997 | -38.39 | -25.00 | 13.39 | Horizontal |

Remark:

- 1) The disturbance above 12.75GHz and 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.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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## 8. Appendix F: Frequency Stability

### 9.1. Frequency Vs Voltage

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| BAND    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7   | 20MHz     | QPSK       | 20850   | 100RB#0      | VL            | NT               | 2.10           | 0.000837        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 20850   | 100RB#0      | VN            | NT               | 1.80           | 0.000717        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 20850   | 100RB#0      | VH            | NT               | 2.20           | 0.000876        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VL            | NT               | -1.40          | -0.000552       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VN            | NT               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VH            | NT               | -1.40          | -0.000552       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21350   | 100RB#0      | VL            | NT               | 1.70           | 0.000664        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21350   | 100RB#0      | VN            | NT               | -0.20          | -0.000078       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21350   | 100RB#0      | VH            | NT               | -1.20          | -0.000469       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 20850   | 100RB#0      | VL            | NT               | 2.30           | 0.000916        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 20850   | 100RB#0      | VN            | NT               | 3.80           | 0.001514        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 20850   | 100RB#0      | VH            | NT               | 2.20           | 0.000876        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21100   | 100RB#0      | VL            | NT               | -3.50          | -0.001381       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21100   | 100RB#0      | VN            | NT               | -2.10          | -0.000828       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21100   | 100RB#0      | VH            | NT               | -2.50          | -0.000986       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21350   | 100RB#0      | VL            | NT               | -0.90          | -0.000352       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21350   | 100RB#0      | VN            | NT               | -1.40          | -0.000547       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21350   | 100RB#0      | VH            | NT               | 1.30           | 0.000508        | ±2.5        | PASS    |

### 9.2. Frequency Vs Temperature

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| BAND        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | -30              | -0.30          | -0.000120       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | -20              | 2.30           | 0.000916        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 0                | 1.40           | 0.000558        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 10               | 2.40           | 0.000956        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 20               | 3.30           | 0.001315        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 30               | 3.30           | 0.001315        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 40               | -0.20          | -0.000080       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 50               | 2.20           | 0.000876        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -30              | -1.80          | -0.000710       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -20              | -4.20          | -0.001657       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 0                | -2.50          | -0.000986       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 10               | -0.90          | -0.000355       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 20               | -4.20          | -0.001657       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 30               | -1.30          | -0.000513       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 40               | -4.70          | -0.001854       | ±2.5        | PASS    |



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|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 50  | -1.70 | -0.000671 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -30 | 0.80  | 0.000313  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -20 | -0.30 | -0.000117 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 0   | -0.40 | -0.000156 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 10  | 0.20  | 0.000078  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 20  | 0.40  | 0.000156  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 30  | -0.20 | -0.000078 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 40  | 0.10  | 0.000039  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 50  | -1.40 | -0.000547 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | 2.40  | 0.000956  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | 2.00  | 0.000797  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0   | 3.10  | 0.001235  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10  | 1.60  | 0.000637  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20  | 0.50  | 0.000199  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30  | 1.70  | 0.000677  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40  | 2.40  | 0.000956  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50  | 0.00  | 0.000000  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | -3.90 | -0.001538 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -2.20 | -0.000868 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0   | -4.00 | -0.001578 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10  | -4.00 | -0.001578 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20  | -2.90 | -0.001144 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30  | -5.00 | -0.001972 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40  | -0.80 | -0.000316 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50  | -2.30 | -0.000907 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | 0.20  | 0.000078  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | 2.30  | 0.000898  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0   | 0.50  | 0.000195  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10  | -1.20 | -0.000469 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20  | 0.80  | 0.000313  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30  | 0.10  | 0.000039  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40  | 1.90  | 0.000742  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50  | -1.40 | -0.000547 | ±2.5 | PASS |

The End



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