



# Appendix B

## E-UTRA BAND 41



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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



## 1. Effective (Isotropic) Radiated Power

### 1.1. Test Result

| BAND   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 23.42        | 26.42      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 23.78        | 26.78      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 23.60        | 26.60      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#0           | 22.62        | 25.62      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 22.67        | 25.67      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 22.53        | 25.53      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 22.58        | 25.58      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 23.46        | 26.46      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 23.91        | 26.91      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 23.57        | 26.57      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#0           | 22.61        | 25.61      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 22.61        | 25.61      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 22.42        | 25.42      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 22.53        | 25.53      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 23.42        | 26.42      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 23.47        | 26.47      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 23.27        | 26.27      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 22.53        | 25.53      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#6           | 22.47        | 25.47      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#13          | 22.44        | 25.44      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 22.52        | 25.52      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 22.11        | 25.11      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 22.16        | 25.16      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 22.08        | 25.08      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 21.51        | 24.51      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 21.64        | 24.64      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#13          | 21.49        | 24.49      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 21.55        | 24.55      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 22.03        | 25.03      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#12           | 22.22        | 25.22      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#24           | 21.92        | 24.92      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#0           | 21.41        | 24.41      | 33.00       | PASS    |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#6  | 21.40 | 24.40 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#13 | 21.32 | 24.32 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 25RB#0  | 21.51 | 24.51 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#0   | 22.14 | 25.14 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#12  | 22.38 | 25.38 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#24  | 21.99 | 24.99 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#0  | 21.40 | 24.40 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#6  | 21.40 | 24.40 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#13 | 21.34 | 24.34 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 25RB#0  | 21.40 | 24.40 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0   | 23.61 | 26.61 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#24  | 23.85 | 26.85 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 23.48 | 26.48 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 22.62 | 25.62 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 22.72 | 25.72 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 22.50 | 25.50 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 22.66 | 25.66 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 23.48 | 26.48 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 23.86 | 26.86 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 23.24 | 26.24 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 22.68 | 25.68 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 22.62 | 25.62 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 22.46 | 25.46 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 22.57 | 25.57 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 23.57 | 26.57 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 23.78 | 26.78 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 23.28 | 26.28 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 22.70 | 25.70 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 22.60 | 25.60 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 22.38 | 25.38 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 22.59 | 25.59 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0   | 22.16 | 25.16 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24  | 22.29 | 25.29 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 22.19 | 25.19 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 21.58 | 24.58 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 21.62 | 24.62 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 21.55 | 24.55 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 21.57 | 24.57 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 22.24 | 25.24 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 22.29 | 25.29 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 22.08 | 25.08 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 21.54 | 24.54 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 21.49 | 24.49 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 21.56 | 24.56 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 21.43 | 24.43 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 22.17 | 25.17 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 22.34 | 25.34 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 22.05 | 25.05 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 21.55 | 24.55 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 21.56 | 24.56 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 21.55 | 24.55 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 21.49 | 24.49 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 23.40 | 26.40 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 23.68 | 26.68 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 23.22 | 26.22 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#0  | 22.61 | 25.61 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#18 | 22.56 | 25.56 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#39 | 22.51 | 25.51 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 22.54 | 25.54 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 23.49 | 26.49 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 23.69 | 26.69 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 23.23 | 26.23 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#0  | 22.72 | 25.72 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#18 | 22.62 | 25.62 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#39 | 22.44 | 25.44 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 22.57 | 25.57 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 23.48 | 26.48 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 23.63 | 26.63 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 23.37 | 26.37 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#0  | 22.69 | 25.69 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#18 | 22.55 | 25.55 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#39 | 22.41 | 25.41 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 22.57 | 25.57 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 22.15 | 25.15 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 22.08 | 25.08 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 22.07 | 25.07 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 15MHz | 16QAM | 39725 | 36RB#0  | 21.45 | 24.45 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#18 | 21.39 | 24.39 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#39 | 21.47 | 24.47 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 21.47 | 24.47 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 22.31 | 25.31 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 21.93 | 24.93 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 22.11 | 25.11 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#0  | 21.69 | 24.69 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#18 | 21.65 | 24.65 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#39 | 21.63 | 24.63 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 21.52 | 24.52 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 22.12 | 25.12 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 22.05 | 25.05 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 21.93 | 24.93 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#0  | 21.57 | 24.57 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#18 | 21.42 | 24.42 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#39 | 21.42 | 24.42 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 21.57 | 24.57 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 23.33 | 26.33 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 23.81 | 26.81 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 23.14 | 26.14 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 22.54 | 25.54 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 22.66 | 25.66 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 22.46 | 25.46 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 22.56 | 25.56 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 23.39 | 26.39 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 23.81 | 26.81 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 23.07 | 26.07 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 22.65 | 25.65 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 22.62 | 25.62 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 22.47 | 25.47 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 22.57 | 25.57 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 23.48 | 26.48 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 23.85 | 26.85 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 23.07 | 26.07 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 22.62 | 25.62 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 22.64 | 25.64 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 22.43 | 25.43 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 22.57 | 25.57 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 21.96 | 24.96 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 22.31 | 25.31 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 21.91 | 24.91 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 21.46 | 24.46 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 21.49 | 24.49 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 21.44 | 24.44 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 21.43 | 24.43 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 22.20 | 25.20 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 22.27 | 25.27 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 21.90 | 24.90 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 21.49 | 24.49 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 21.43 | 24.43 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 21.45 | 24.45 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 21.55 | 24.55 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 22.13 | 25.13 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 22.34 | 25.34 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 21.90 | 24.90 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 21.51 | 24.51 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 21.49 | 24.49 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 21.43 | 24.43 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 21.52 | 24.52 | 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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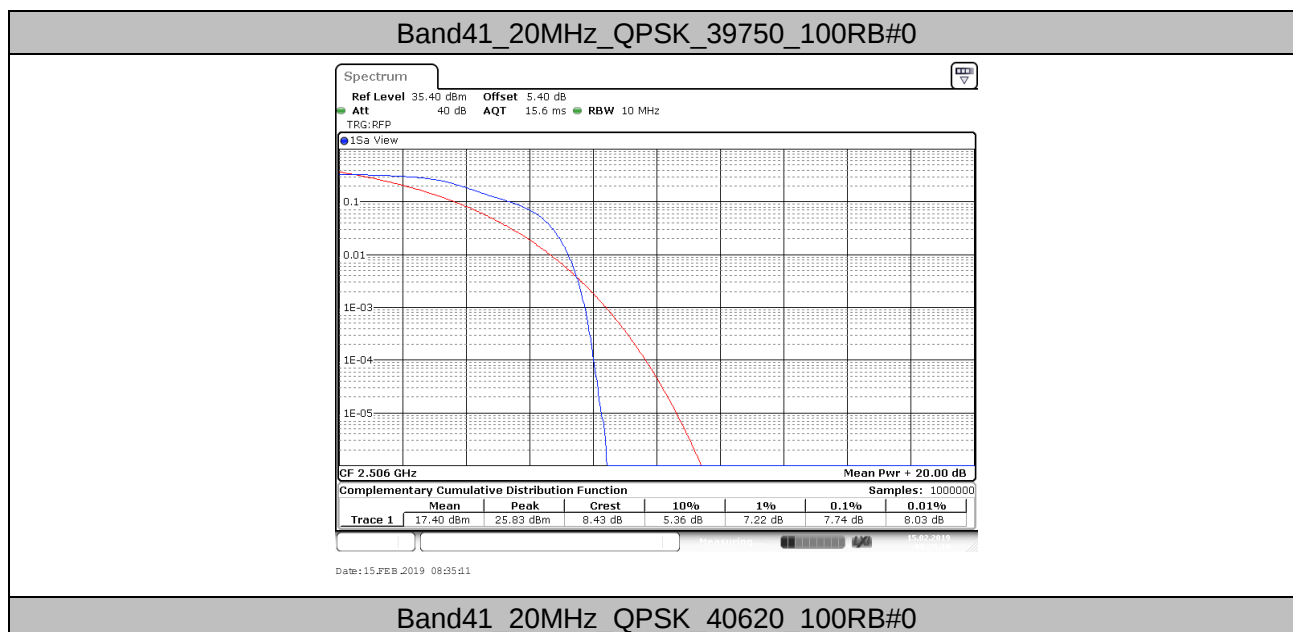


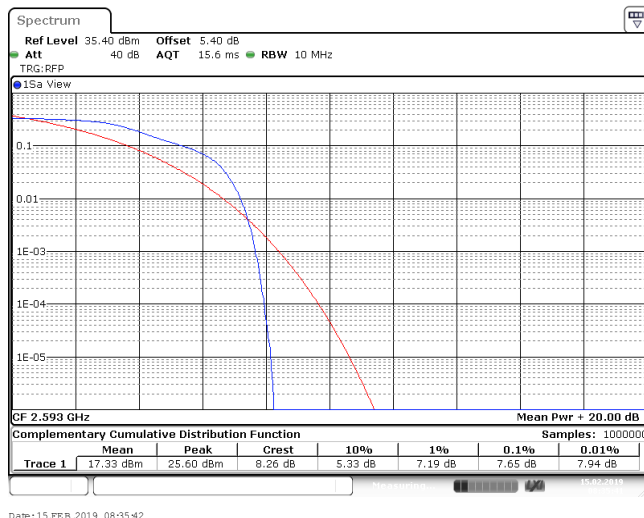
## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

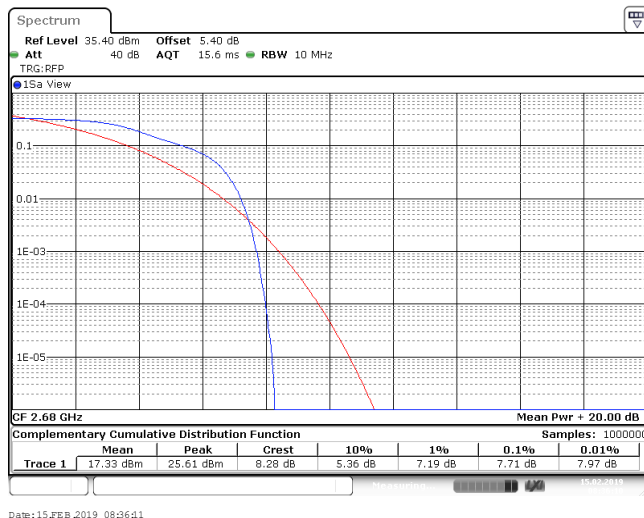
| BAND   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 7.74       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 7.65       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 7.71       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 9.39       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 9.36       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 9.39       | 13        | PASS    |

### 2.2. Test Plots



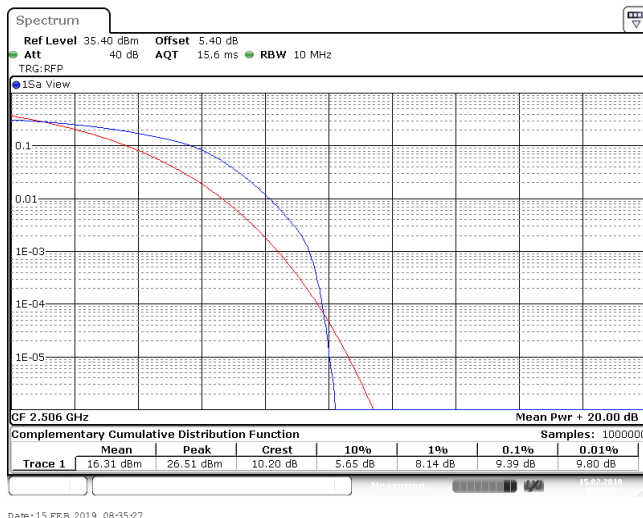


## Band41\_20MHz\_QPSK\_41490\_100RB#0

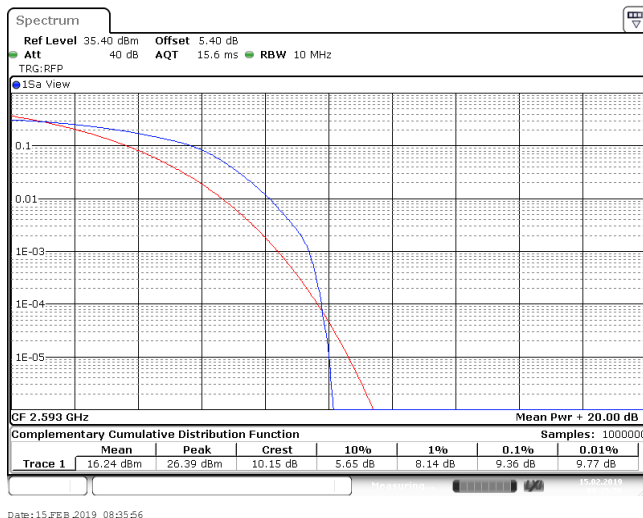


## Band41\_20MHz\_16QAM\_39750\_100RB#0





Band41\_20MHz\_16QAM\_40620\_100RB#0

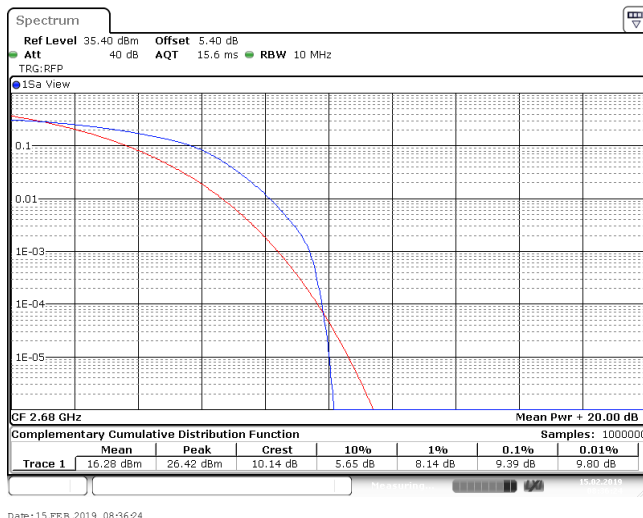


Band41\_20MHz\_16QAM\_41490\_100RB#0



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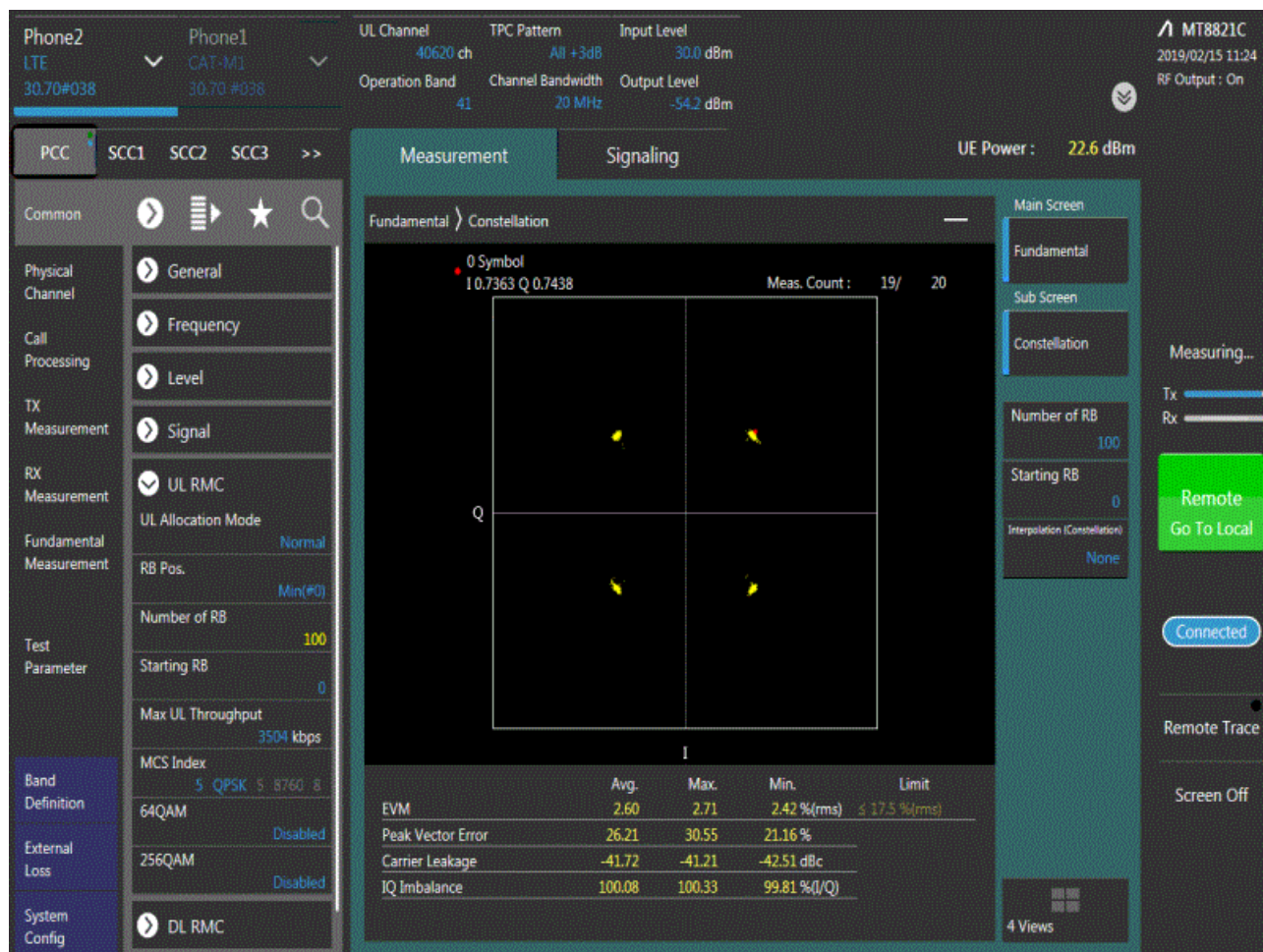
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### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE BAND41

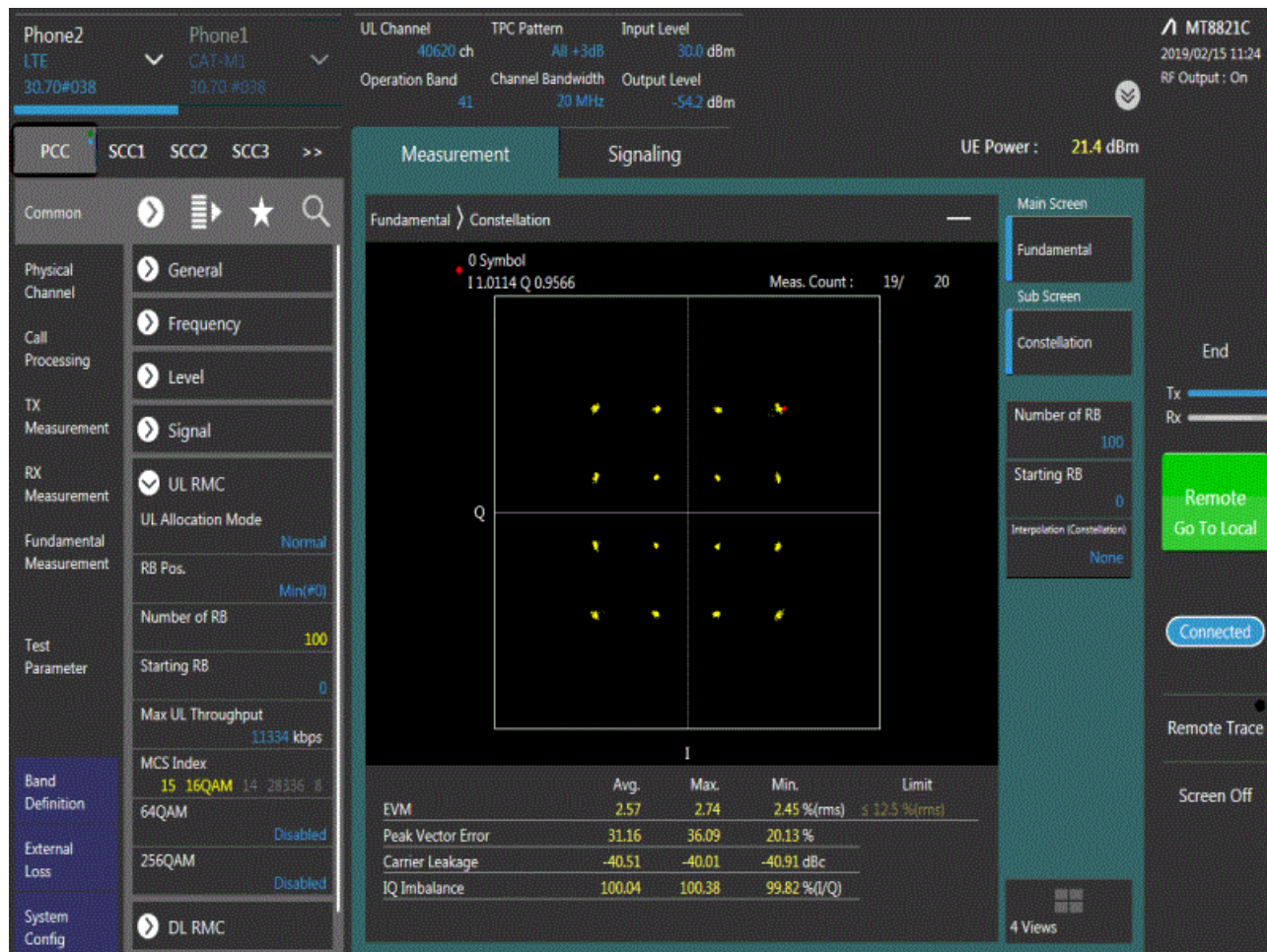
##### 3.1.1. Test Mode = LTE /TM1 20MHz

##### 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 |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.466                    | 5.010                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.476                    | 5.070                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.476                    | 4.960                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.496                    | 4.930                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.466                    | 4.880                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.496                    | 4.940                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.891                    | 10.180               | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.911                    | 10.600               | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.911                    | 10.340               | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.891                    | 9.660                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.891                    | 9.840                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.911                    | 9.820                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.457                   | 15.690               | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.487                   | 17.400               | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.457                   | 15.960               | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.457                   | 15.630               | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.457                   | 16.230               | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.457                   | 16.170               | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 17.862                   | 19.960               | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 17.862                   | 20.400               | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 17.902                   | 20.040               | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 17.822                   | 19.440               | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.862                   | 19.640               | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 17.862                   | 19.480               | PASS    |

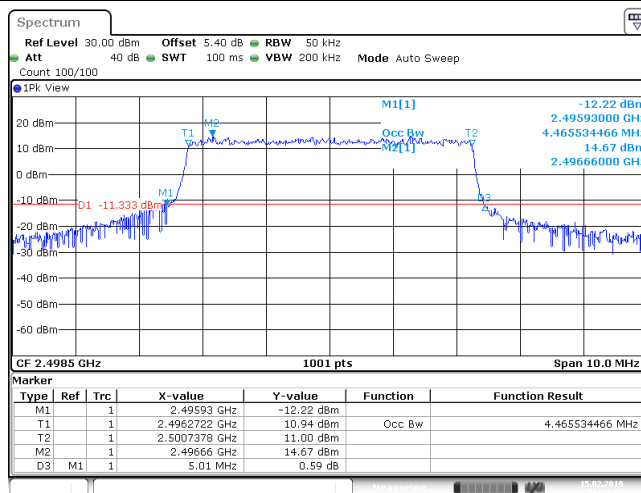


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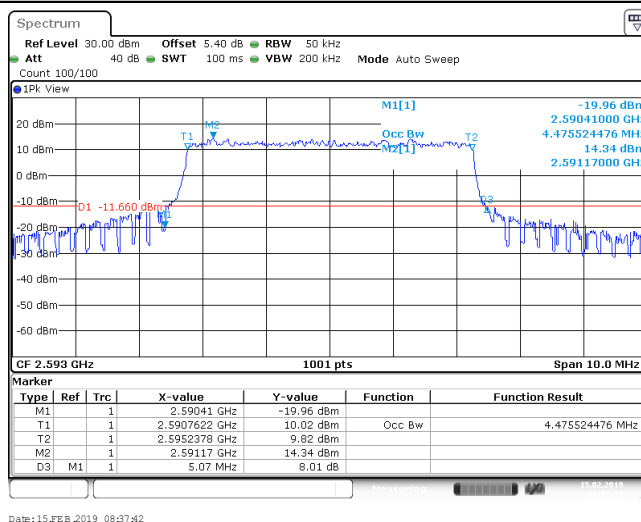
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## 4.2. Test Plots

Band41\_5MHz\_QPSK\_39675\_25RB#0

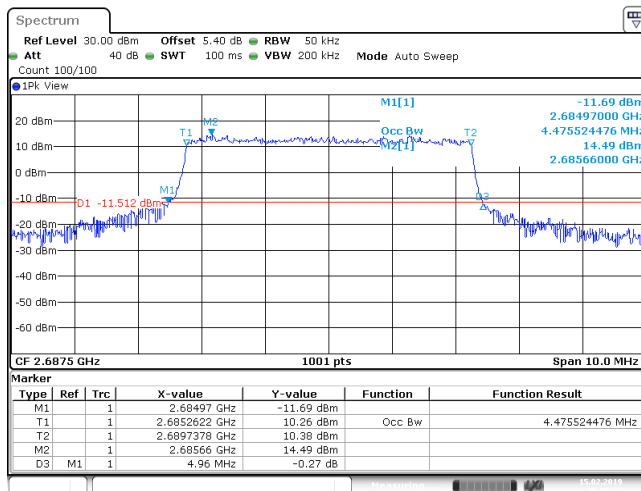


Band41\_5MHz\_QPSK\_40620\_25RB#0



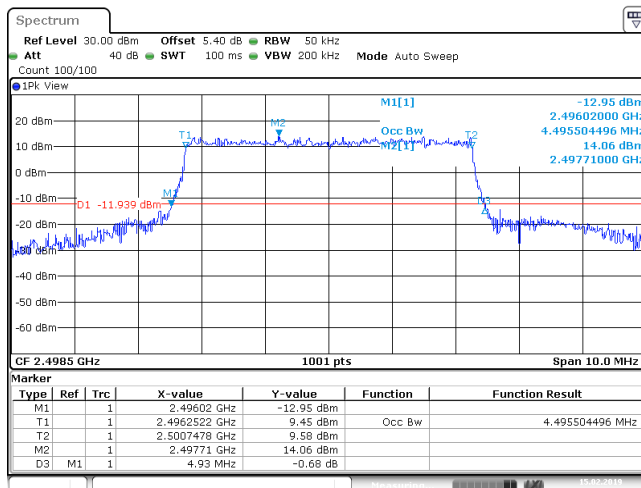
Band41\_5MHz\_QPSK\_41565\_25RB#0





Date: 15 FEB 2019 08:38:23

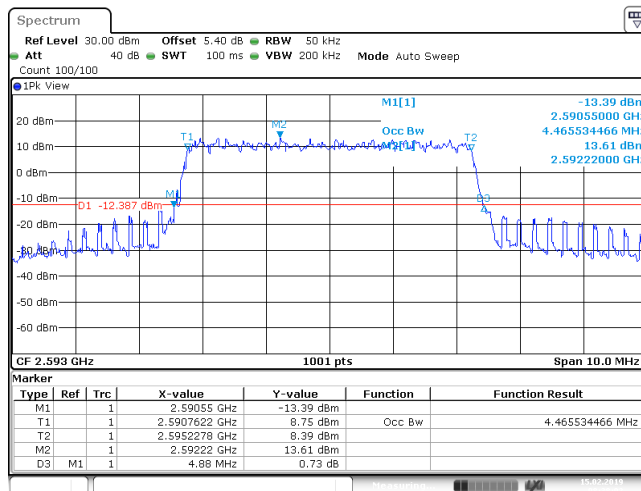
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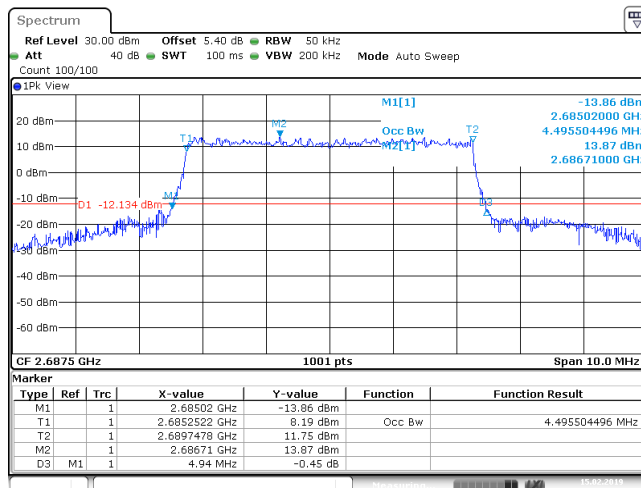
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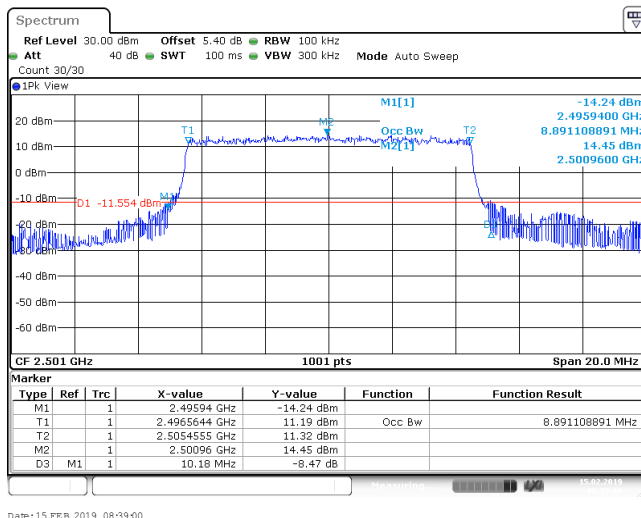
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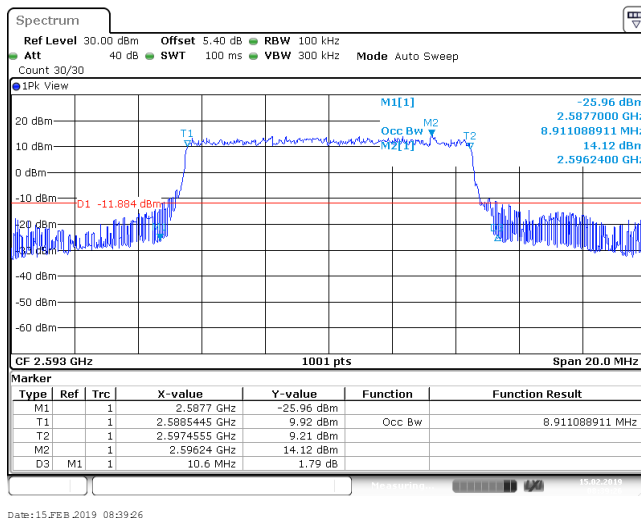
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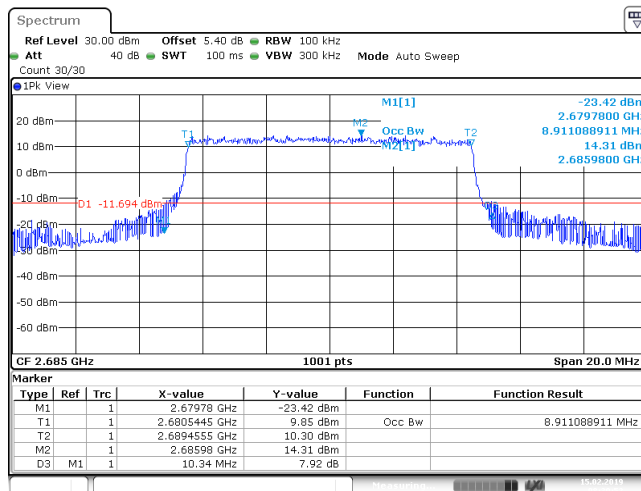


## Band41\_10MHz\_QPSK\_40620\_50RB#0



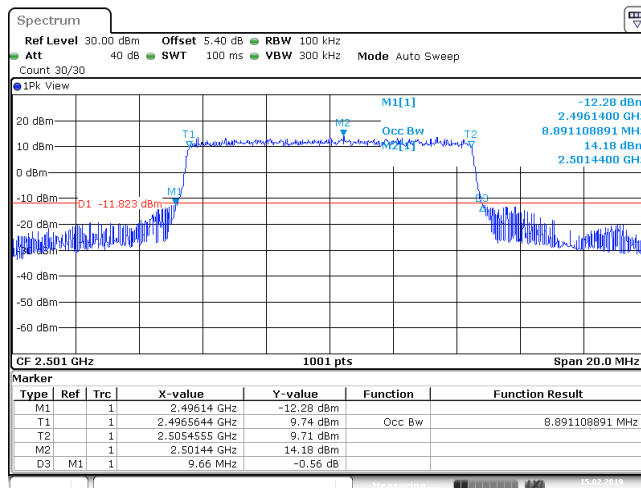
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Date: 15 FEB 2019 08:39:52

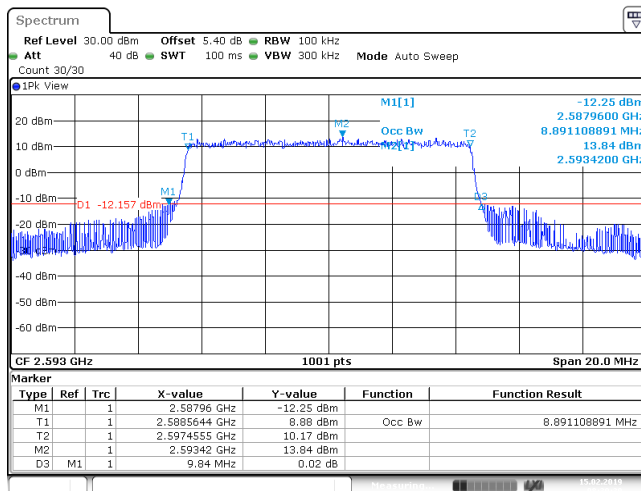
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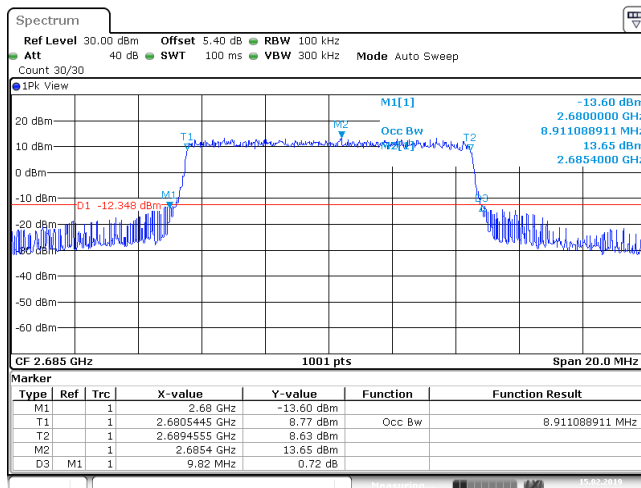
## Band41\_10MHz\_16QAM\_40620\_50RB#0





Date: 15.FEB.2019 08:39:39

## Band41\_10MHz\_16QAM\_41540\_50RB#0



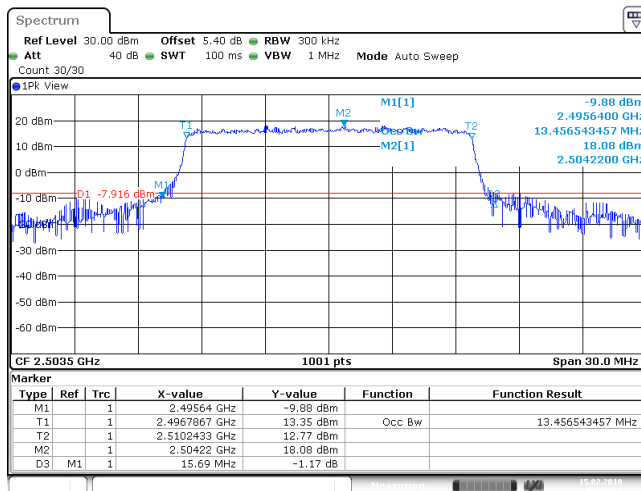
Date: 15.FEB.2019 08:40:05

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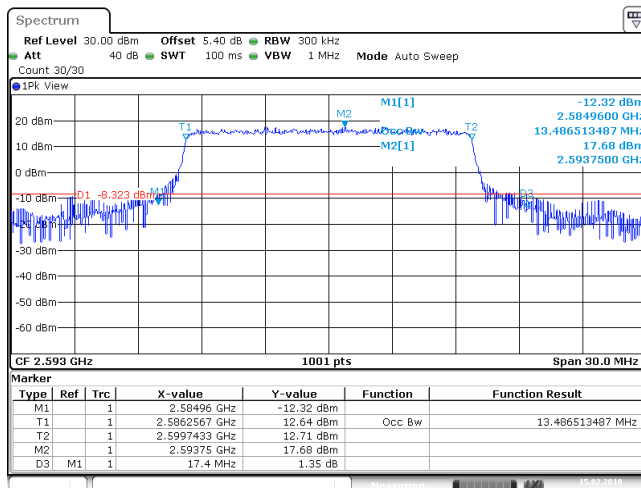
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Date: 15 FEB 2019 08:40:23

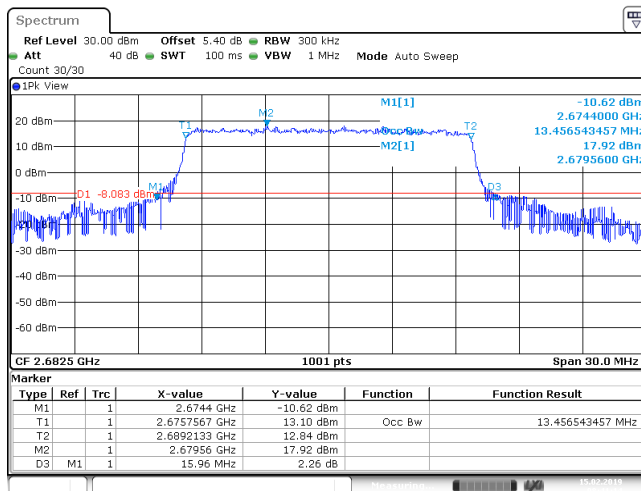
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Date: 15 FEB 2019 08:40:49

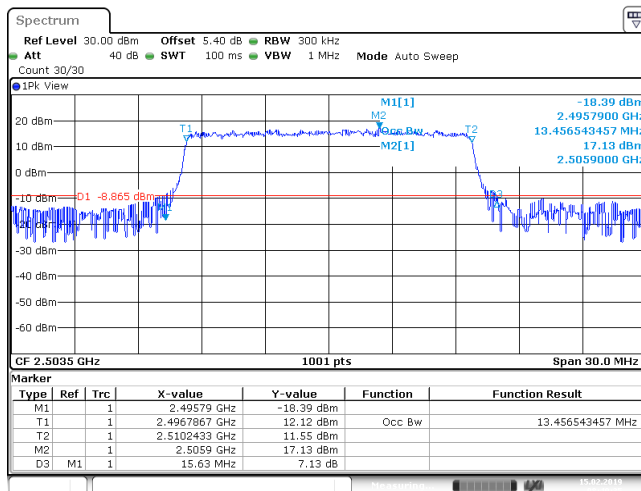
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Date: 15 FEB 2019 08:41:15

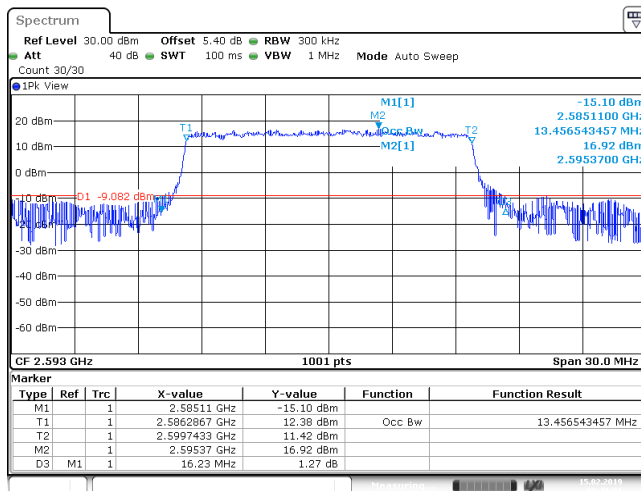
## Band41\_15MHz\_16QAM\_39725\_75RB#0



Date: 15 FEB 2019 08:40:36

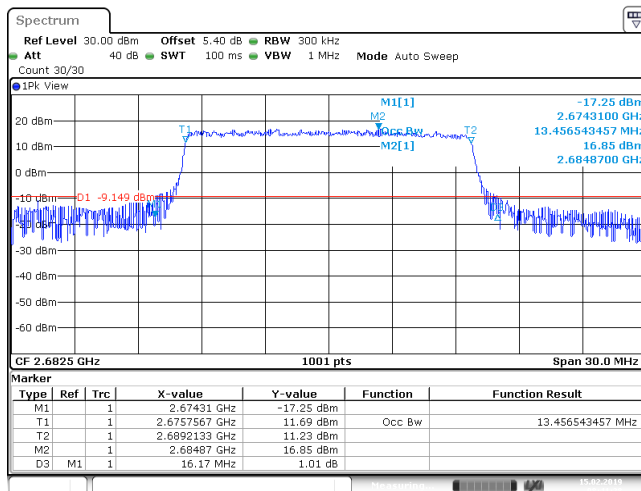
## Band41\_15MHz\_16QAM\_40620\_75RB#0





Date:15.FEB.2019 08:41:02

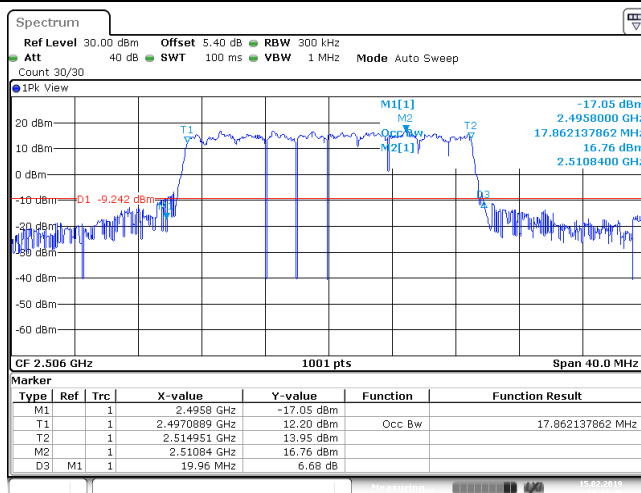
## Band41\_15MHz\_16QAM\_41515\_75RB#0



Date:15.FEB.2019 08:41:28

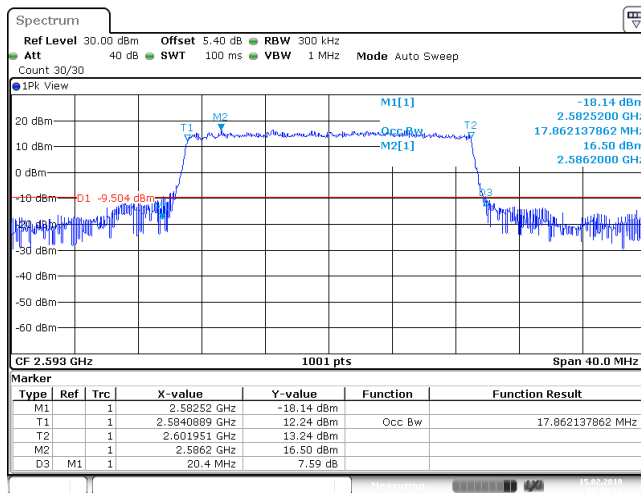
## Band41\_20MHz\_QPSK\_39750\_100RB#0





Date: 15 FEB 2019 08:41:46

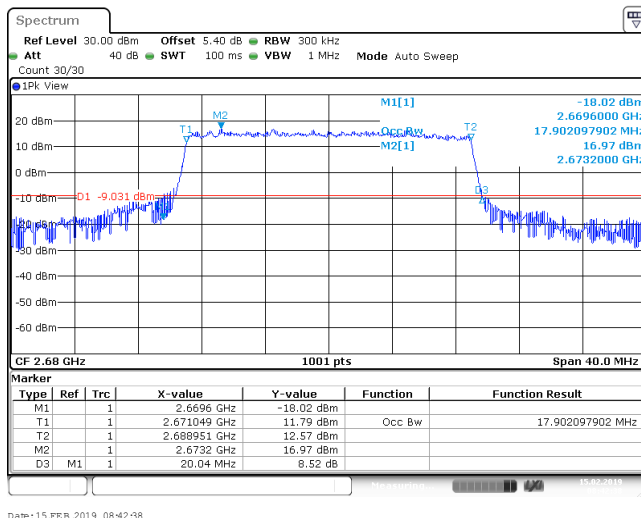
## Band41\_20MHz\_QPSK\_40620\_100RB#0



Date: 15 FEB 2019 08:42:12

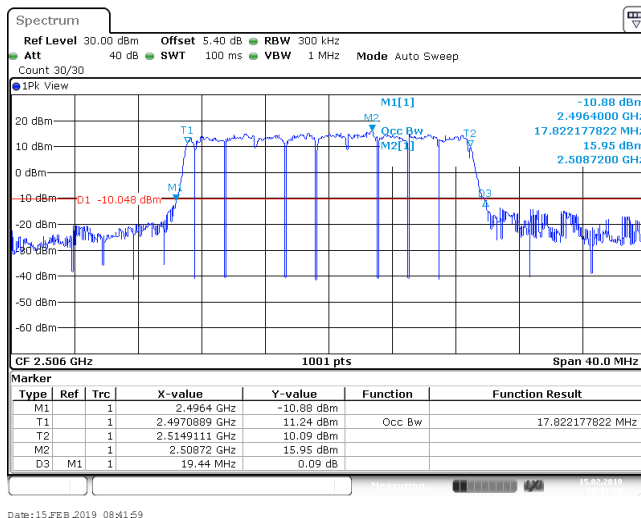
## Band41\_20MHz\_QPSK\_41490\_100RB#0





Date: 15 FEB 2019 08:42:38

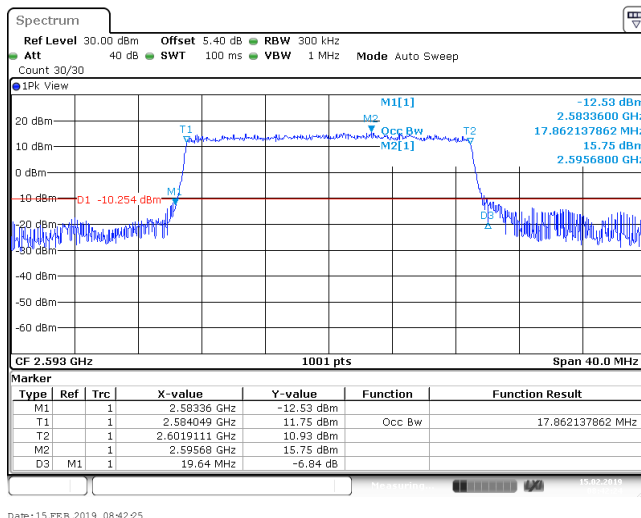
## Band41\_20MHz\_16QAM\_39750\_100RB#0



Date: 15 FEB 2019 08:41:59

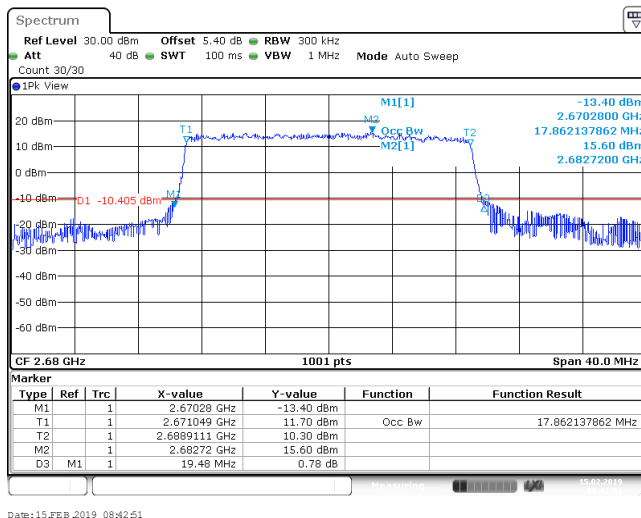
## Band41\_20MHz\_16QAM\_40620\_100RB#0





Date: 15.FEB.2019 08:42:25

## Band41\_20MHz\_16QAM\_41490\_100RB#0



Date: 15.FEB.2019 08:42:51



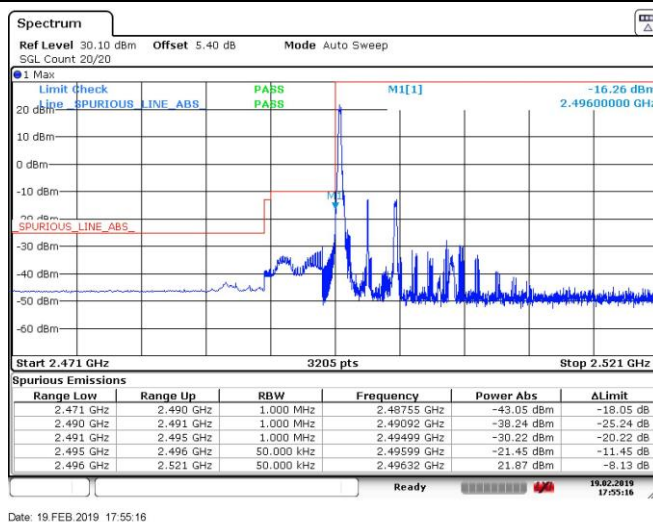
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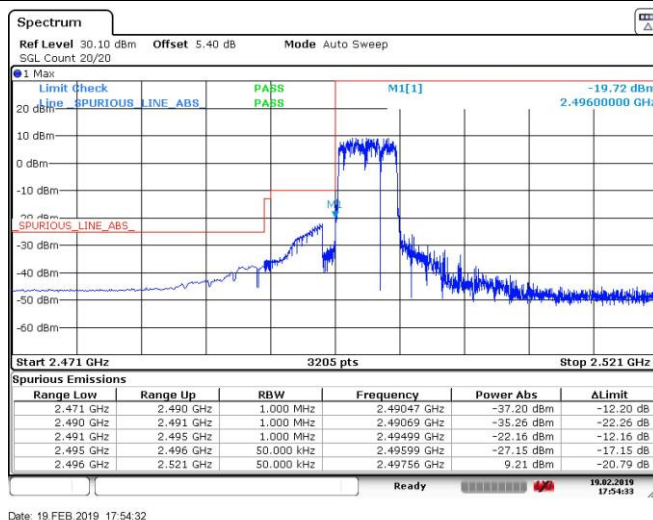
## 5. Band Edge Compliance

### 5.1. Test Plots

Band41\_5MHz\_QPSK\_39675\_1RB#0

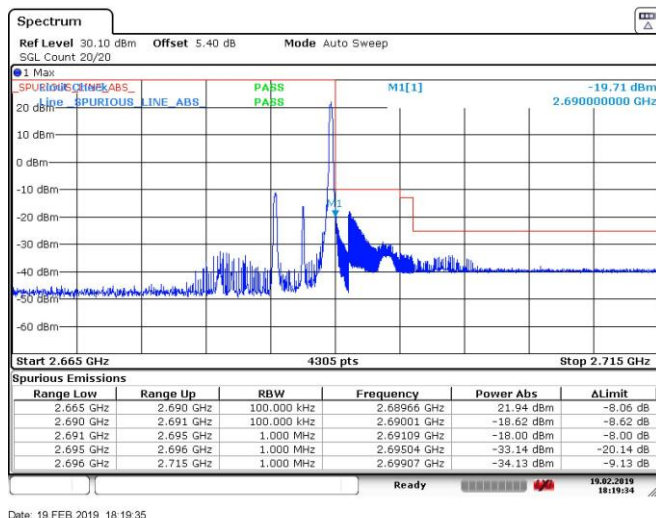


Band41\_5MHz\_QPSK\_39675\_25RB#0

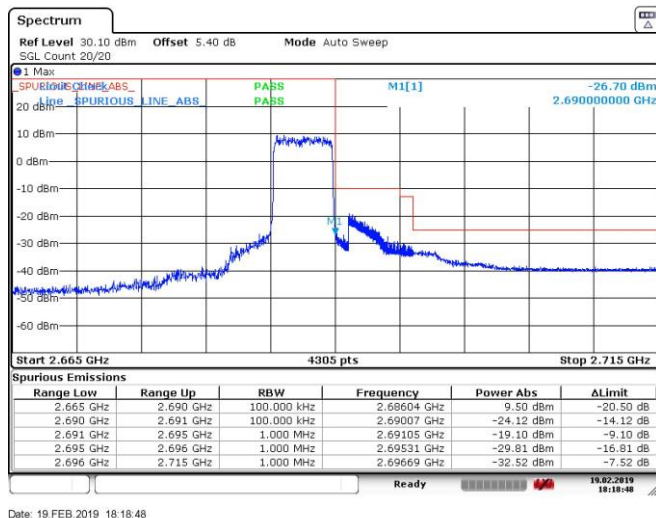


Band41\_5MHz\_QPSK\_41565\_1RB#24



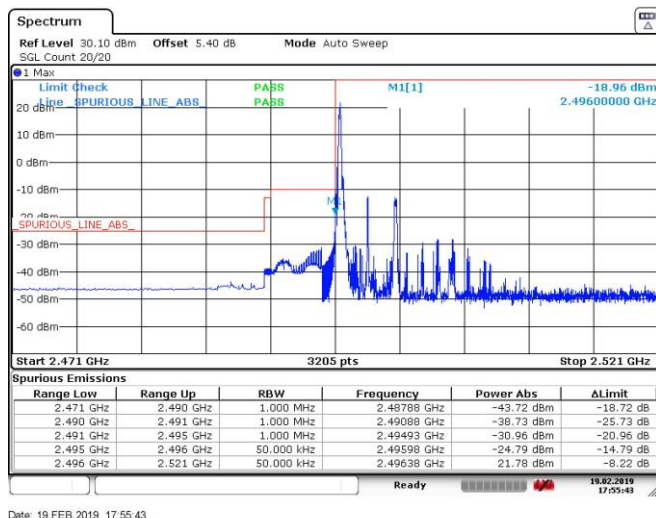


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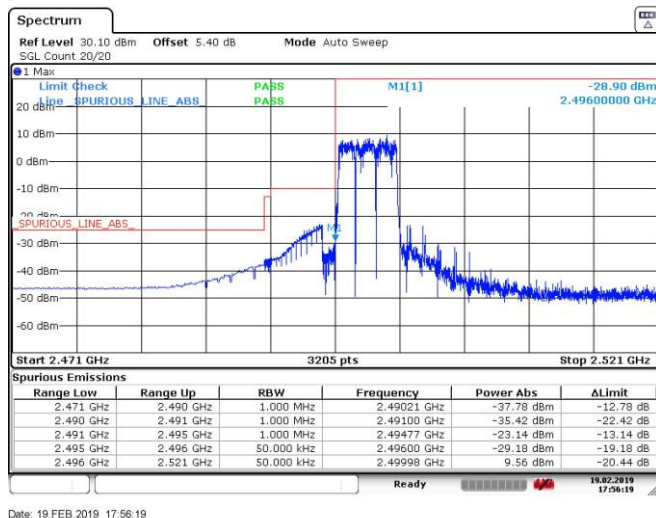


## Band41\_5MHz\_16QAM\_39675\_1RB#0



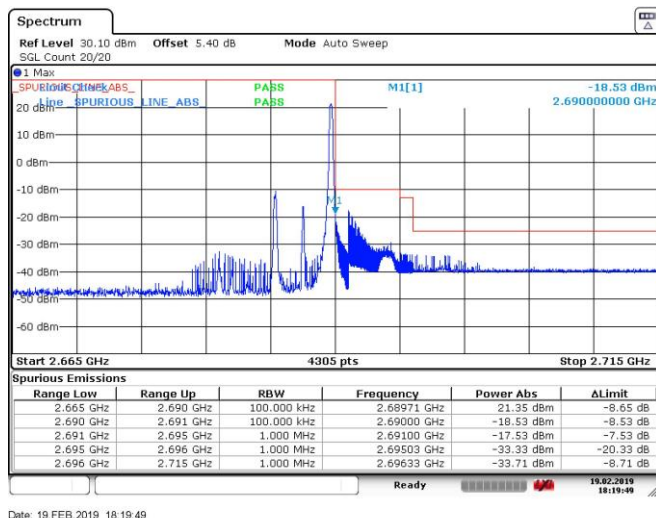


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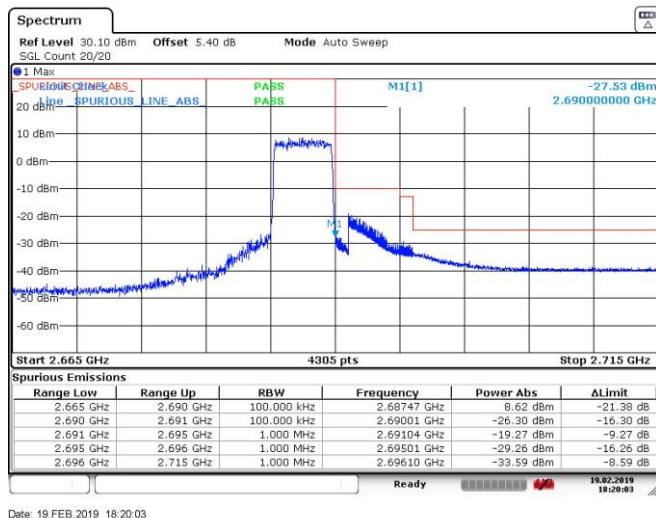


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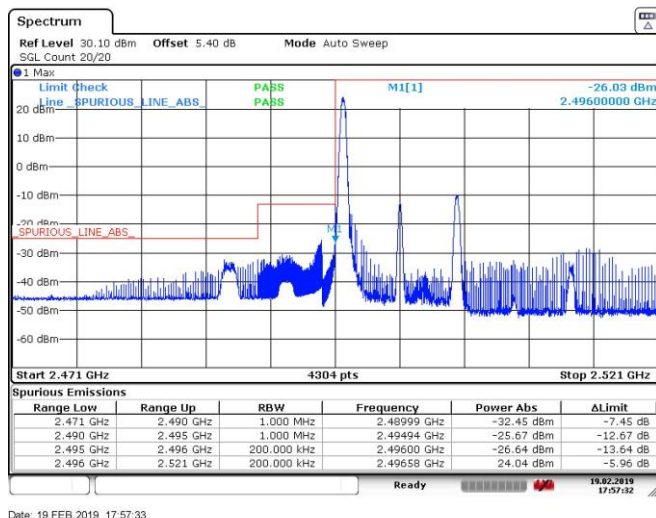


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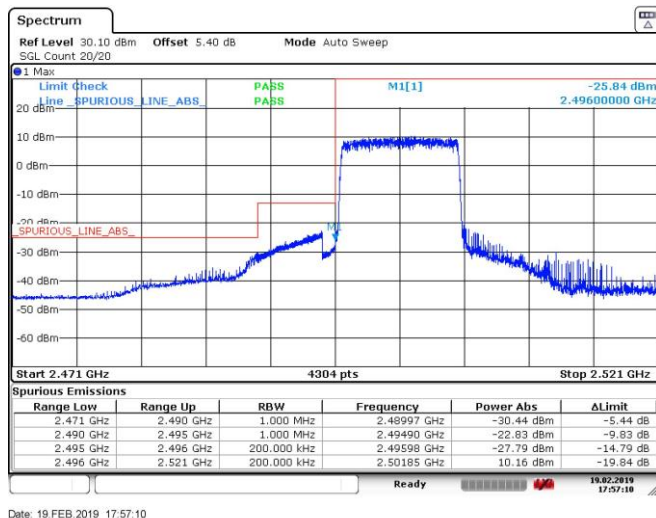


## Band41\_10MHz\_QPSK\_39700\_1RB#0



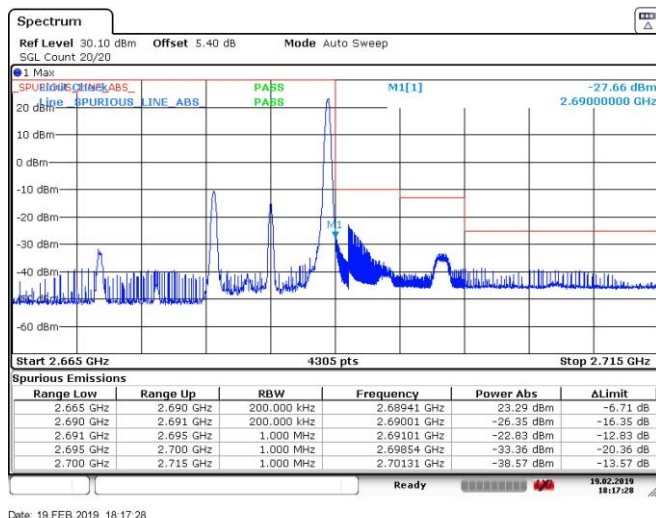


## Band41\_10MHz\_QPSK\_39700\_50RB#0

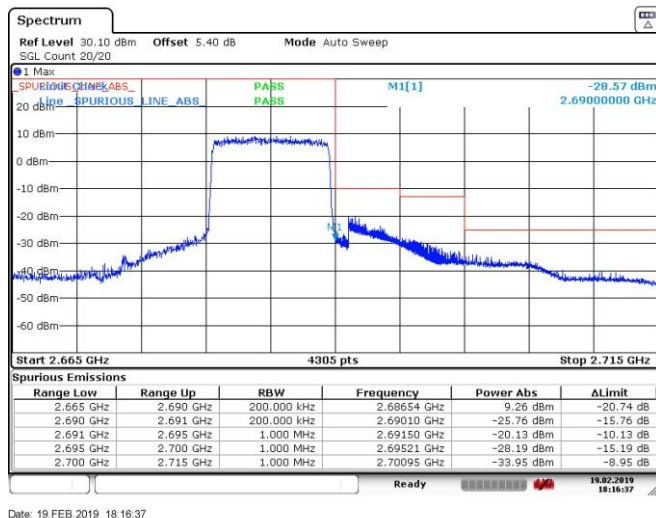


## Band41\_10MHz\_QPSK\_41540\_1RB#49



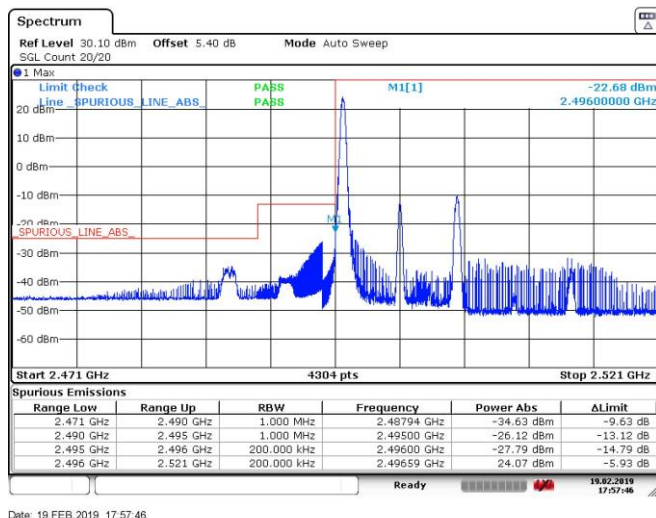


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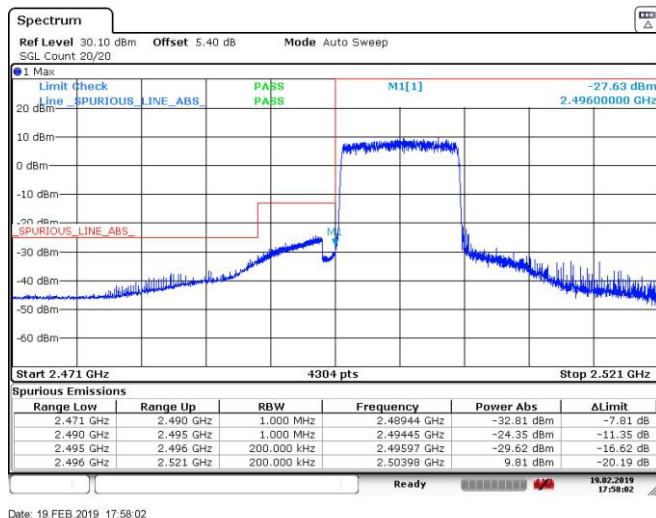


## Band41\_10MHz\_16QAM\_39700\_1RB#0



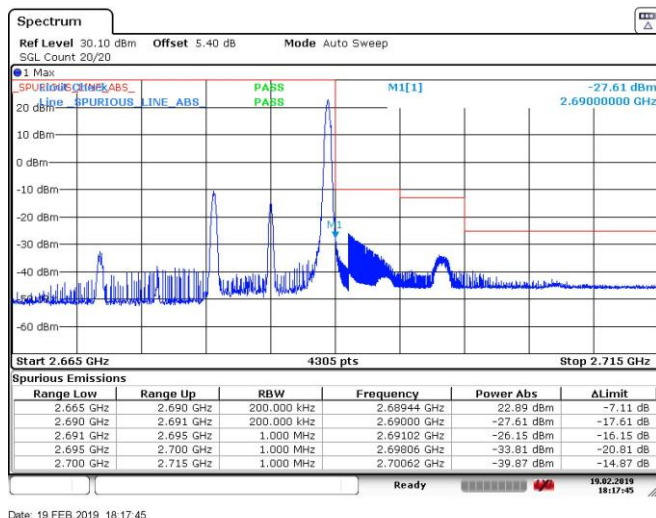


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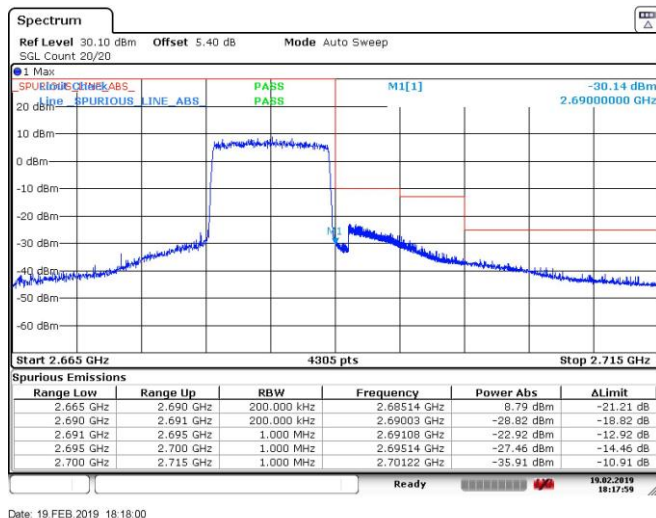


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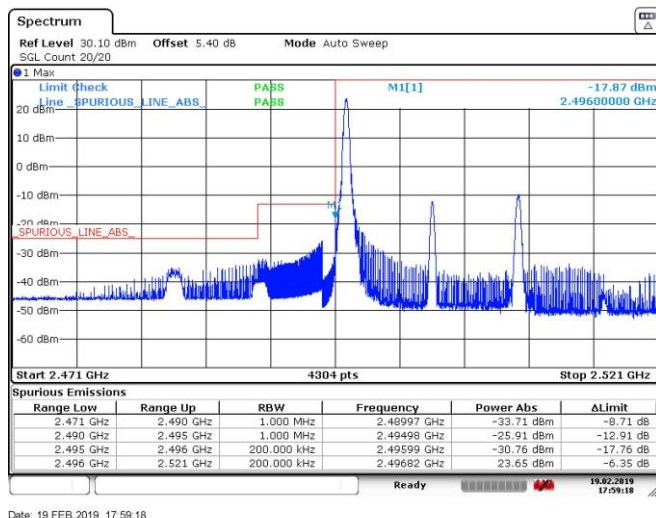


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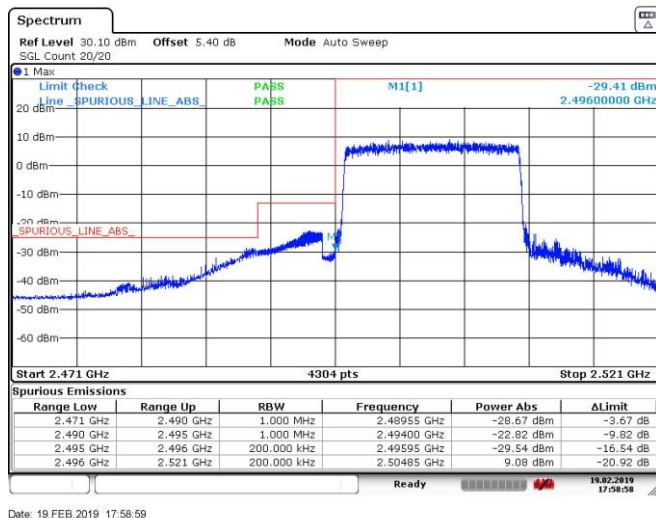


## Band41\_15MHz\_QPSK\_39725\_1RB#0



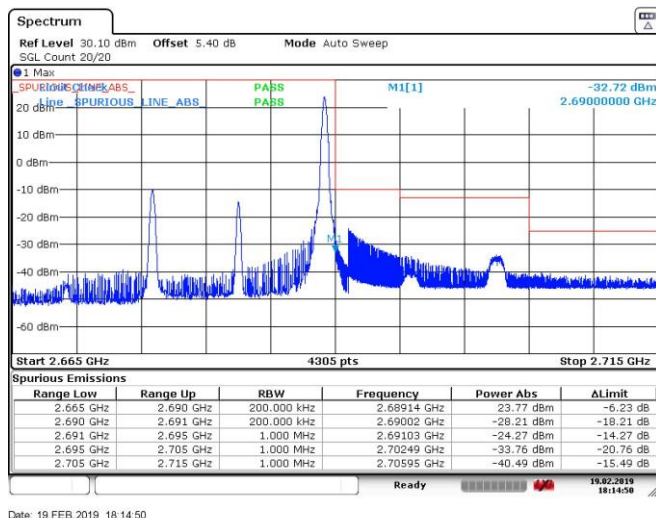


## Band41\_15MHz\_QPSK\_39725\_75RB#0

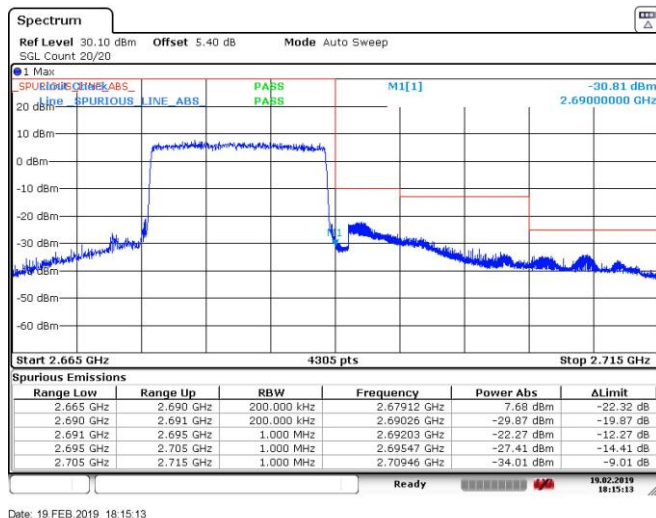


## Band41\_15MHz\_QPSK\_41515\_1RB#74



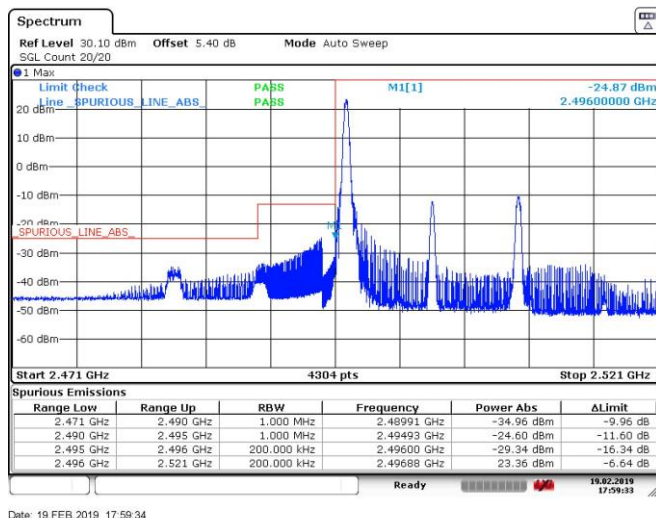


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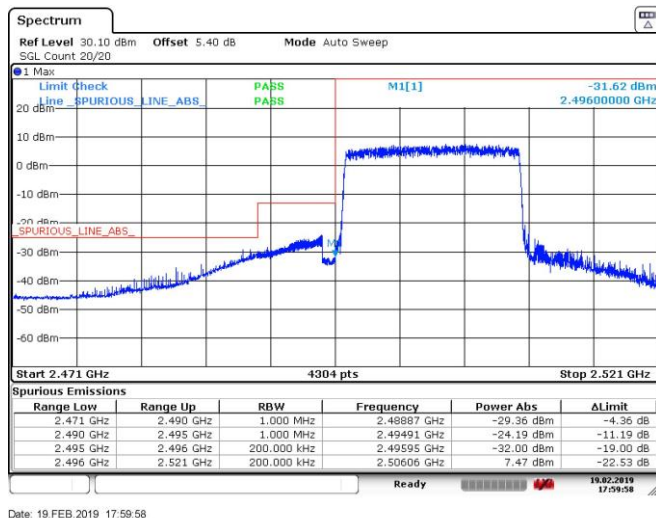


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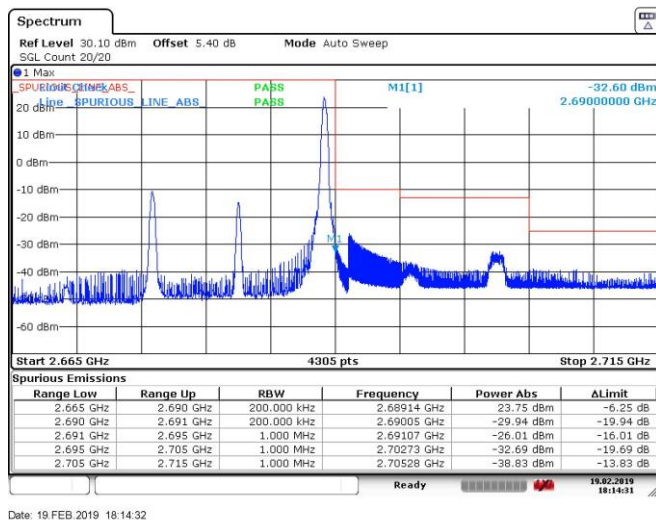


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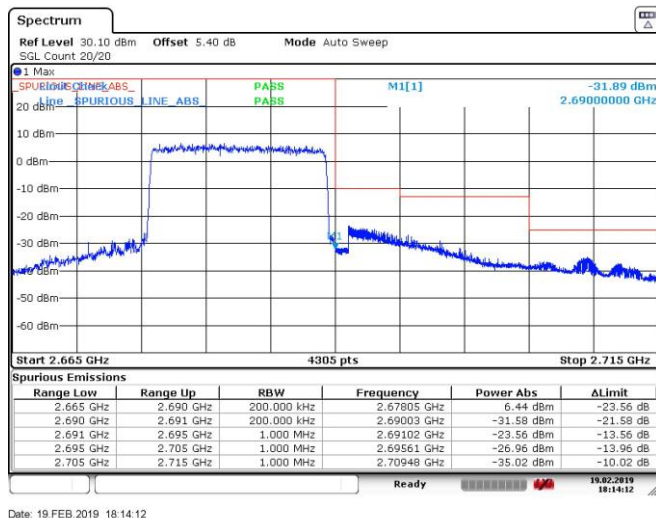


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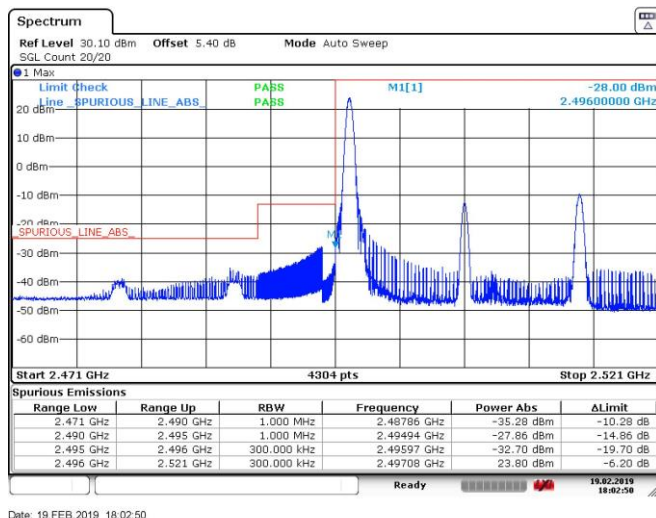


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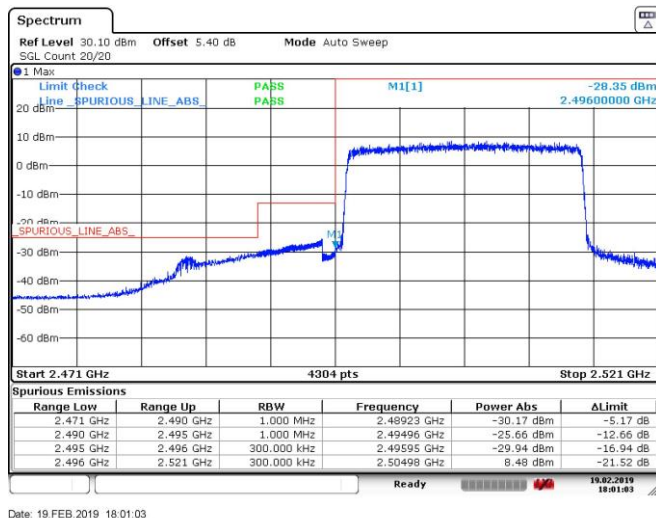


## Band41\_20MHz\_QPSK\_39750\_1RB#0





Band41\_20MHz\_QPSK\_39750\_100RB#0

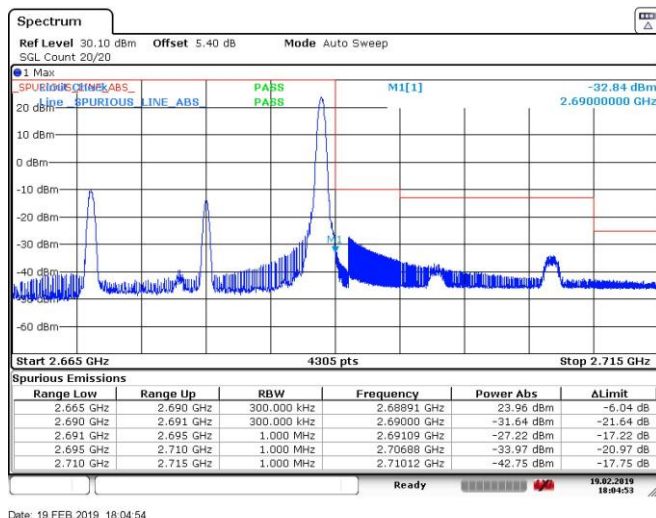


Band41\_20MHz\_QPSK\_41490\_1RB#99

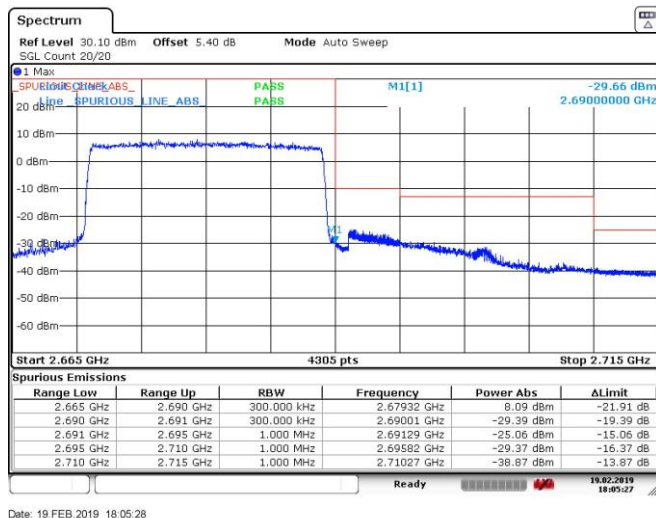


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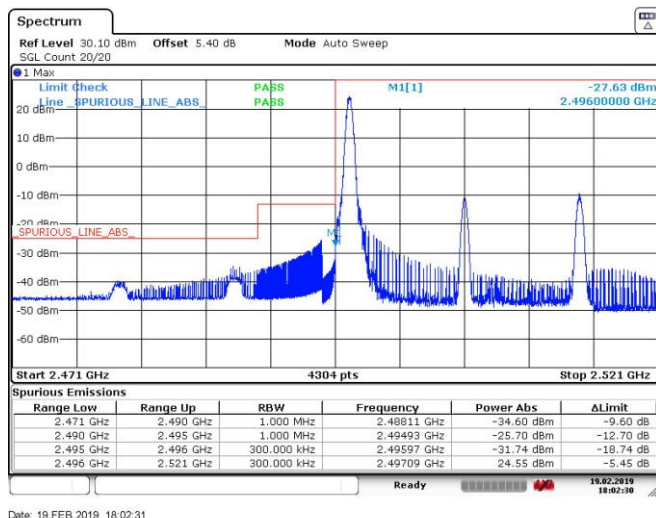


## Band41\_20MHz\_QPSK\_41490\_100RB#0

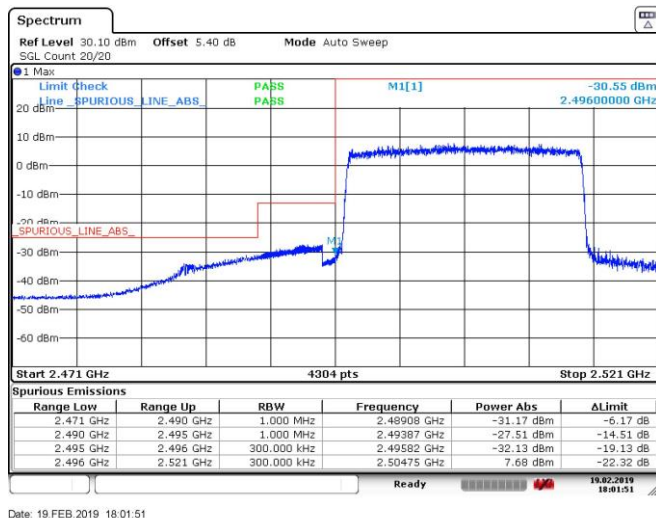


## Band41\_20MHz\_16QAM\_39750\_1RB#0





## Band41\_20MHz\_16QAM\_39750\_100RB#0

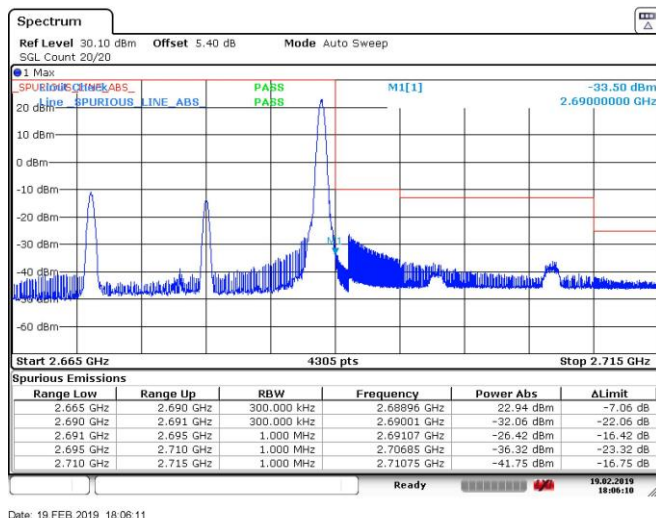


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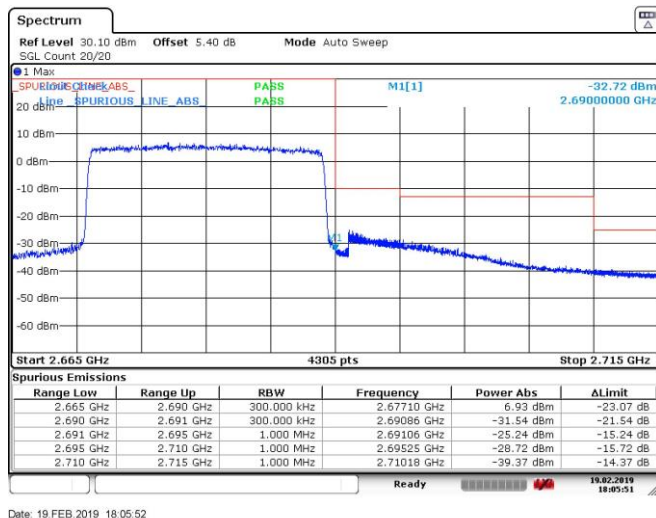


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## Band41\_20MHz\_16QAM\_41490\_100RB#0





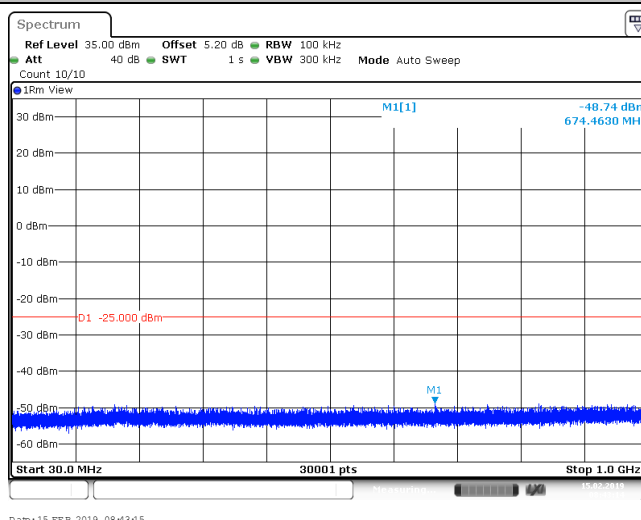
## 6. Spurious Emission at Antenna Terminal

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.

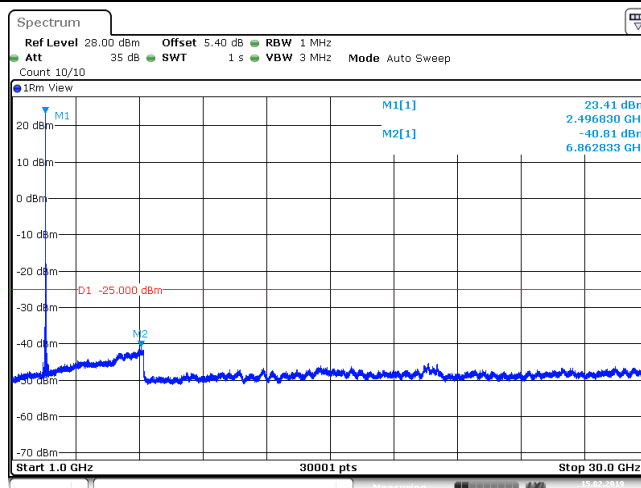
### 6.1. Test Plots

Band41\_20MHz\_QPSK\_39750\_1RB#0



Date: 15.FEB.2019 08:43:15

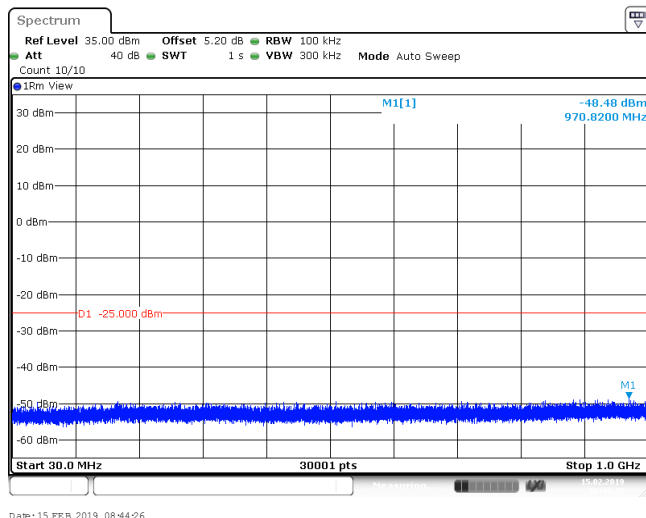
Band41\_20MHz\_QPSK\_39750\_1RB#0



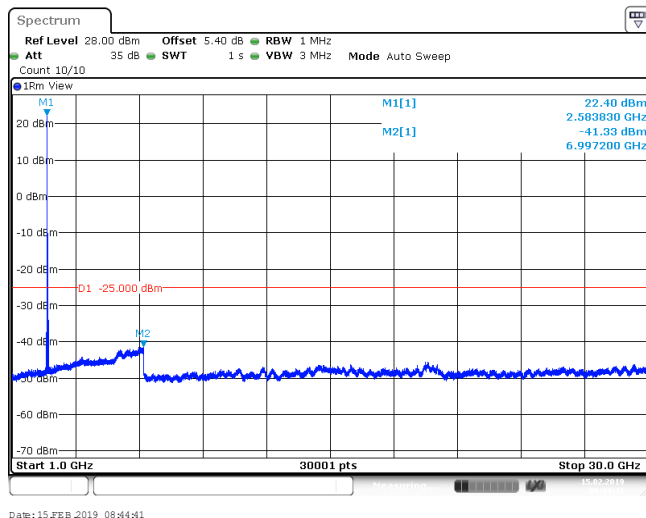
Date: 15.FEB.2019 08:43:31

Band41\_20MHz\_QPSK\_40620\_1RB#0



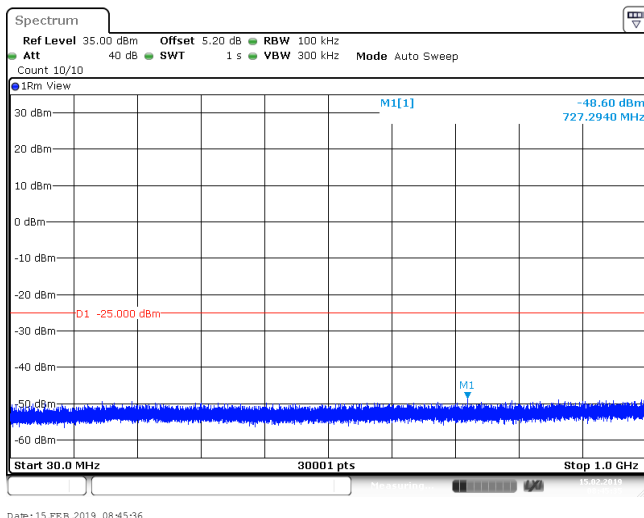


Band41\_20MHz\_QPSK\_40620\_1RB#0

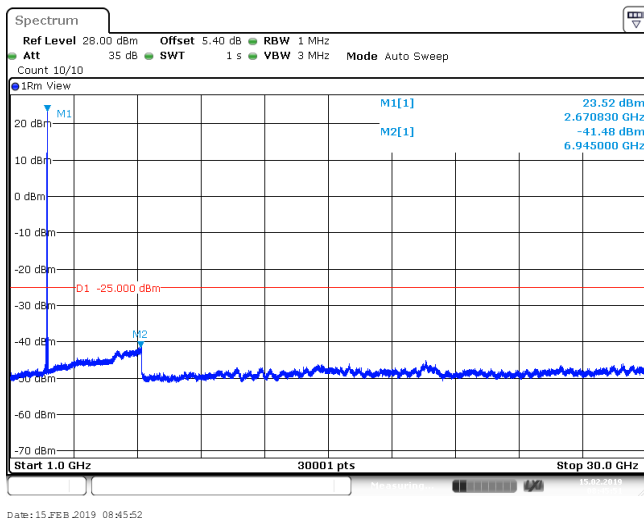


Band41\_20MHz\_QPSK\_41490\_1RB#0





Band41\_20MHz\_QPSK\_41490\_1RB#0



Band41\_20MHz\_16QAM\_39750\_1RB#0

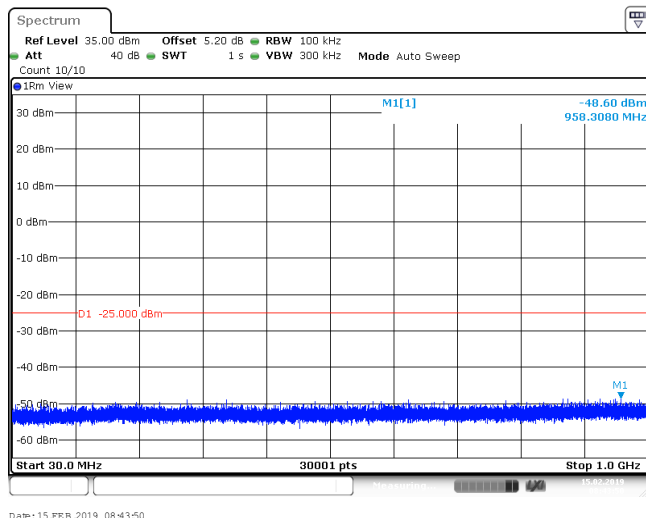


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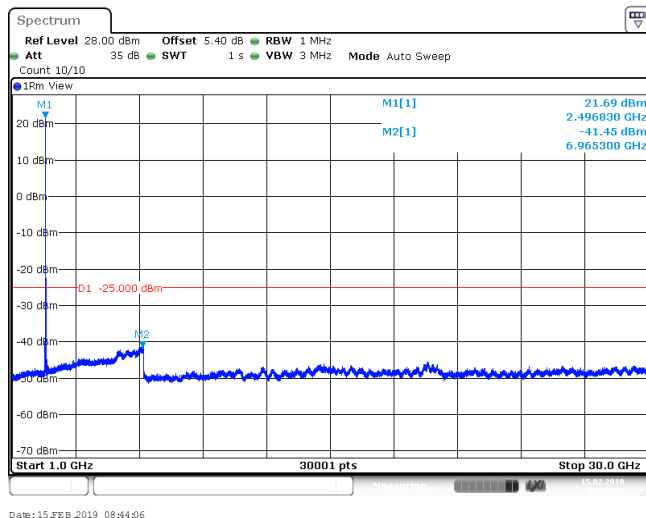
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Band41\_20MHz\_16QAM\_39750\_1RB#0

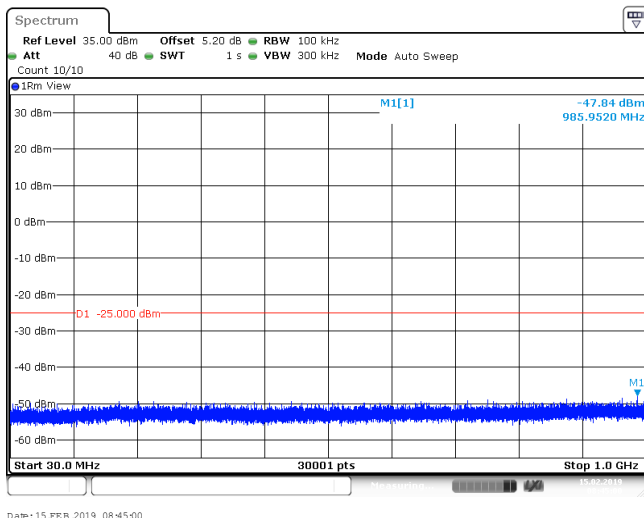


Band41\_20MHz\_16QAM\_40620\_1RB#0

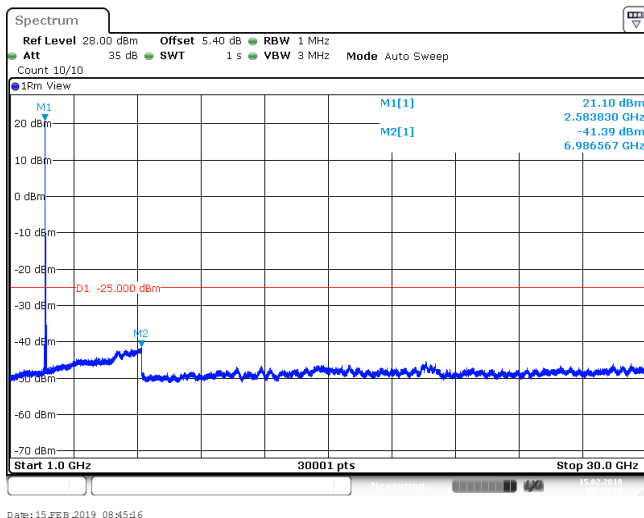


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**Band41\_20MHz\_16QAM\_40620\_1RB#0**

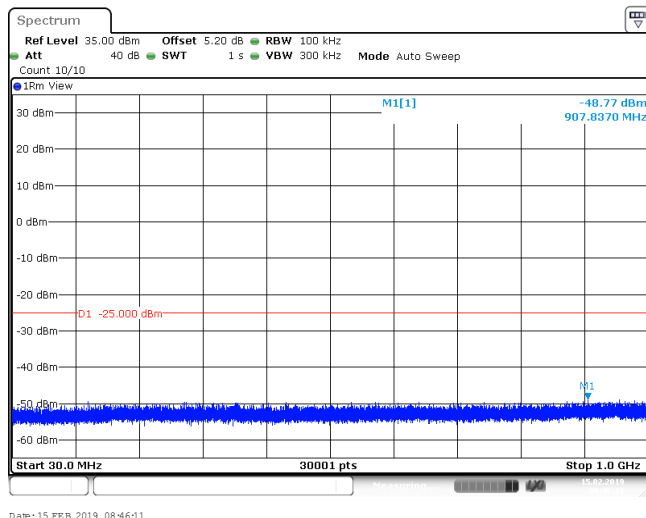


**Band41\_20MHz\_16QAM\_41490\_1RB#0**

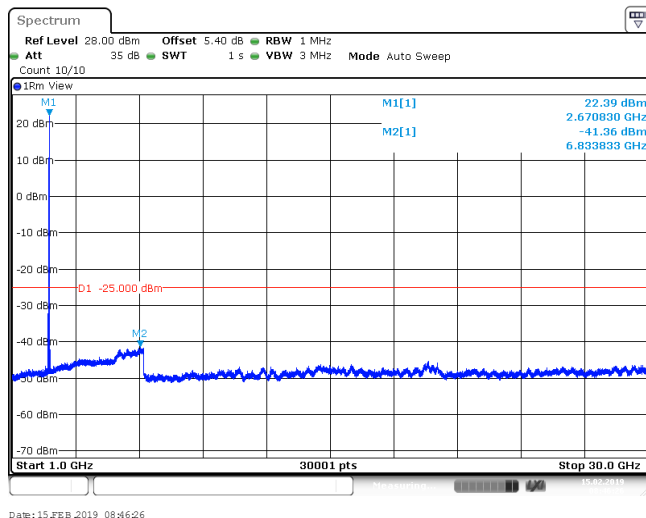


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## Band41\_20MHz\_16QAM\_41490\_1RB#0





## 7. Field Strength of Spurious Radiation

### 7.1. Test BAND = LTE BAND 41

#### 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 |
|-----------------|-------------|------------------|-------------|--------------|
| 50.5650         | -71.60      | -25.00           | 46.60       | Vertical     |
| 114.0062        | -65.38      | -25.00           | 40.38       | Vertical     |
| 497.6604        | -66.05      | -25.00           | 41.05       | Vertical     |
| 2699.9400       | -37.57      | -25.00           | 12.57       | Vertical     |
| 4602.5534       | -55.76      | -25.00           | 30.76       | Vertical     |
| 17985.4995      | -33.63      | -25.00           | 8.63        | Vertical     |
| 43.8232         | -64.80      | -25.00           | 39.80       | Horizontal   |
| 151.2561        | -70.52      | -25.00           | 45.52       | Horizontal   |
| 694.3862        | -63.10      | -25.00           | 38.10       | Horizontal   |
| 4602.5534       | -55.85      | -25.00           | 30.85       | Horizontal   |
| 9333.2111       | -48.86      | -25.00           | 23.86       | Horizontal   |
| 17995.9999      | -37.36      | -25.00           | 12.36       | Horizontal   |

##### 7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 69.2870         | -69.57      | -25.00           | 44.57       | Vertical     |
| 113.8607        | -65.21      | -25.00           | 40.21       | Vertical     |
| 602.5226        | -63.99      | -25.00           | 38.99       | Vertical     |
| 2700.7401       | -37.54      | -25.00           | 12.54       | Vertical     |
| 5105.5702       | -56.21      | -25.00           | 31.21       | Vertical     |
| 17991.9997      | -33.31      | -25.00           | 8.31        | Vertical     |
| 42.8531         | -64.27      | -25.00           | 39.27       | Horizontal   |
| 152.1291        | -70.98      | -25.00           | 45.98       | Horizontal   |



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|            |        |        |       |            |
|------------|--------|--------|-------|------------|
| 520.5050   | -65.96 | -25.00 | 40.96 | Horizontal |
| 5103.5701  | -55.72 | -25.00 | 30.72 | Horizontal |
| 9314.7105  | -49.38 | -25.00 | 24.38 | Horizontal |
| 16399.4466 | -38.45 | -25.00 | 13.45 | Horizontal |

### 7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 68.7049         | -69.46      | -25.00           | 44.46       | Vertical     |
| 108.0404        | -65.53      | -25.00           | 40.53       | Vertical     |
| 584.8677        | -64.28      | -25.00           | 39.28       | Vertical     |
| 2700.3401       | -37.67      | -25.00           | 12.67       | Vertical     |
| 4762.0587       | -52.98      | -25.00           | 27.98       | Vertical     |
| 17885.4962      | -35.67      | -25.00           | 10.67       | Vertical     |
| 43.2412         | -64.36      | -25.00           | 39.36       | Horizontal   |
| 150.3345        | -69.44      | -25.00           | 44.44       | Horizontal   |
| 707.8214        | -62.82      | -25.00           | 37.82       | Horizontal   |
| 2701.9404       | -36.22      | -25.00           | 11.22       | Horizontal   |
| 7478.1493       | -53.13      | -25.00           | 28.13       | Horizontal   |
| 16390.4463      | -38.61      | -25.00           | 13.61       | Horizontal   |

### 7.1.1.4. Spot check worse mode

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 47.7519         | -70.71      | -25.00           | 45.71       | Vertical     |
| 111.1931        | -64.15      | -25.00           | 39.15       | Vertical     |
| 586.9533        | -63.14      | -25.00           | 38.14       | Vertical     |
| 5168.0723       | -46.96      | -25.00           | 21.96       | Vertical     |
| 10336.7446      | -37.84      | -25.00           | 12.84       | Vertical     |
| 17995.4999      | -33.49      | -25.00           | 8.49        | Vertical     |
| 43.6777         | -64.04      | -25.00           | 39.04       | Horizontal   |
| 151.5956        | -67.14      | -25.00           | 42.14       | Horizontal   |



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Shenzhen Branch (CCC Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



|            |        |        |       |            |
|------------|--------|--------|-------|------------|
| 243.0227   | -68.28 | -25.00 | 43.28 | Horizontal |
| 5168.5723  | -51.27 | -25.00 | 26.27 | Horizontal |
| 10336.2445 | -46.43 | -25.00 | 21.43 | Horizontal |
| 17997.4999 | -38.32 | -25.00 | 13.32 | 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. 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 |
| Band41  | 20MHz     | QPSK       | 39750   | 100RB#0      | VL            | NT               | -1.70          | -0.000678       | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 39750   | 100RB#0      | VN            | NT               | -1.30          | -0.000519       | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 39750   | 100RB#0      | VH            | NT               | -0.70          | -0.000279       | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | 100RB#0      | VL            | NT               | -1.00          | -0.000386       | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | 100RB#0      | VN            | NT               | -2.10          | -0.000810       | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | 100RB#0      | VH            | NT               | 2.50           | 0.000964        | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 41490   | 100RB#0      | VL            | NT               | 0.70           | 0.000261        | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 41490   | 100RB#0      | VN            | NT               | -1.30          | -0.000485       | ±2.5        | PASS    |
| Band41  | 20MHz     | QPSK       | 41490   | 100RB#0      | VH            | NT               | -3.70          | -0.001381       | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 39750   | 100RB#0      | VL            | NT               | -3.10          | -0.001237       | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 39750   | 100RB#0      | VN            | NT               | 1.90           | 0.000758        | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 39750   | 100RB#0      | VH            | NT               | -1.30          | -0.000519       | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 40620   | 100RB#0      | VL            | NT               | 1.10           | 0.000424        | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 40620   | 100RB#0      | VN            | NT               | -1.20          | -0.000463       | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 40620   | 100RB#0      | VH            | NT               | 3.20           | 0.001234        | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 41490   | 100RB#0      | VL            | NT               | -5.20          | -0.001940       | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 41490   | 100RB#0      | VN            | NT               | -2.90          | -0.001082       | ±2.5        | PASS    |
| Band41  | 20MHz     | 16QAM      | 41490   | 100RB#0      | VH            | NT               | 1.60           | 0.000597        | ±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 |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -30              | -1.00          | -0.000399       | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -20              | 3.30           | 0.001317        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 0                | -4.70          | -0.001875       | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 10               | 0.20           | 0.000080        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 20               | 1.50           | 0.000599        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 30               | 1.10           | 0.000439        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 40               | 3.00           | 0.001197        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 50               | 1.10           | 0.000439        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -30              | 1.50           | 0.000578        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -20              | -1.80          | -0.000694       | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 0                | 3.30           | 0.001273        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 10               | 2.20           | 0.000848        | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 20               | -2.90          | -0.001118       | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 30               | -2.70          | -0.001041       | ±2.5        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 40               | 4.20           | 0.001620        | ±2.5        | PASS    |



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Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057  
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



|        |       |       |       |         |    |     |       |           |      |      |
|--------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | NV | 50  | 0.40  | 0.000154  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | -30 | 0.10  | 0.000037  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | -20 | 0.30  | 0.000112  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 0   | -2.80 | -0.001045 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 10  | -3.50 | -0.001306 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 20  | 1.60  | 0.000597  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 30  | 1.50  | 0.000560  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 40  | -3.90 | -0.001455 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 50  | 0.00  | 0.000000  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -30 | -3.80 | -0.001516 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -20 | -3.80 | -0.001516 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 0   | 1.90  | 0.000758  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 10  | 3.90  | 0.001556  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 20  | 3.00  | 0.001197  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 30  | 2.40  | 0.000958  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 40  | 0.70  | 0.000279  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 50  | -2.40 | -0.000958 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -30 | 4.90  | 0.001890  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -20 | -0.30 | -0.000116 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 0   | -1.40 | -0.000540 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 10  | 4.10  | 0.001581  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 20  | 3.30  | 0.001273  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 30  | 0.10  | 0.000039  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 40  | -0.80 | -0.000309 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 50  | 3.60  | 0.001388  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -30 | -3.90 | -0.001455 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -20 | 2.00  | 0.000746  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 0   | 1.40  | 0.000522  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 10  | -1.30 | -0.000485 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 20  | -1.20 | -0.000448 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 30  | -3.60 | -0.001343 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 40  | -2.60 | -0.000970 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 50  | 2.40  | 0.000896  | ±2.5 | PASS |

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