



# Appendix B

## E-UTRA Band 71



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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 22.74                | 17.44     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | 22.68                | 17.38     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#12           | 22.68                | 17.38     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#13          | 21.96                | 16.66     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#0           | 21.79                | 16.49     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#6           | 21.63                | 16.33     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 21.82                | 16.52     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 22.70                | 17.40     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#12           | 22.68                | 17.38     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#24           | 22.61                | 17.31     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#13          | 21.86                | 16.56     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#0           | 21.82                | 16.52     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#6           | 21.63                | 16.33     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 21.62                | 16.32     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#12           | 22.65                | 17.35     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | 22.59                | 17.29     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 22.64                | 17.34     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 12RB#6           | 21.77                | 16.47     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 12RB#13          | 21.75                | 16.45     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 12RB#0           | 21.74                | 16.44     | 36.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 21.72                | 16.42     | 36.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#12           | 21.67                | 16.37     | 36.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#24           | 21.92                | 16.62     | 36.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 21.87                | 16.57     | 36.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#0           | 20.81                | 15.51     | 36.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#6           | 20.76                | 15.46     | 36.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#13          | 20.76                | 15.46     | 36.98       | PASS    |



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|        |       |       |        |         |       |       |       |      |
|--------|-------|-------|--------|---------|-------|-------|-------|------|
| Band71 | 5MHz  | 16QAM | 133147 | 25RB#0  | 20.90 | 15.60 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 1RB#0   | 21.58 | 16.28 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 1RB#12  | 21.79 | 16.49 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 1RB#24  | 21.92 | 16.62 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 12RB#6  | 20.74 | 15.44 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 12RB#0  | 20.89 | 15.59 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 12RB#13 | 20.70 | 15.40 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 25RB#0  | 20.77 | 15.47 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0   | 21.73 | 16.43 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#12  | 21.93 | 16.63 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#24  | 22.02 | 16.72 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#0  | 20.69 | 15.39 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#6  | 20.80 | 15.50 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#13 | 20.86 | 15.56 | 36.98 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 25RB#0  | 20.80 | 15.50 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#0   | 22.71 | 17.41 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#24  | 22.85 | 17.55 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#49  | 22.66 | 17.36 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#0  | 21.83 | 16.53 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#12 | 21.78 | 16.48 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#25 | 21.68 | 16.38 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 50RB#0  | 21.91 | 16.61 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#0   | 22.57 | 17.27 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#24  | 22.70 | 17.40 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#49  | 22.53 | 17.23 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#25 | 21.71 | 16.41 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#0  | 21.78 | 16.48 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#12 | 21.64 | 16.34 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 50RB#0  | 21.81 | 16.51 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#49  | 22.59 | 17.29 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0   | 22.69 | 17.39 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#24  | 22.65 | 17.35 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#25 | 21.78 | 16.48 | 36.98 | PASS |



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|        |       |       |        |         |       |       |       |      |
|--------|-------|-------|--------|---------|-------|-------|-------|------|
| Band71 | 10MHz | QPSK  | 133422 | 25RB#0  | 21.75 | 16.45 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#12 | 21.77 | 16.47 | 36.98 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 50RB#0  | 21.83 | 16.53 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#24  | 21.66 | 16.36 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0   | 21.84 | 16.54 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49  | 21.79 | 16.49 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#0  | 20.68 | 15.38 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#12 | 20.96 | 15.66 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#25 | 20.80 | 15.50 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0  | 20.84 | 15.54 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49  | 21.52 | 16.22 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0   | 21.80 | 16.50 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#24  | 21.90 | 16.60 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#25 | 20.85 | 15.55 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#12 | 20.83 | 15.53 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#0  | 20.67 | 15.37 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0  | 20.81 | 15.51 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49  | 21.78 | 16.48 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0   | 21.91 | 16.61 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#24  | 22.00 | 16.70 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#0  | 20.80 | 15.50 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#25 | 20.69 | 15.39 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#12 | 20.89 | 15.59 | 36.98 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0  | 20.83 | 15.53 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0   | 22.65 | 17.35 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#38  | 22.82 | 17.52 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#74  | 22.69 | 17.39 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 36RB#0  | 21.89 | 16.59 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 36RB#39 | 21.71 | 16.41 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 36RB#18 | 21.70 | 16.40 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 75RB#0  | 21.86 | 16.56 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#74  | 22.62 | 17.32 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#38  | 22.72 | 17.42 | 36.98 | PASS |



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|        |       |       |        |         |       |       |       |      |
|--------|-------|-------|--------|---------|-------|-------|-------|------|
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0   | 22.57 | 17.27 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 36RB#0  | 21.82 | 16.52 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 36RB#39 | 21.83 | 16.53 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 36RB#18 | 21.71 | 16.41 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 75RB#0  | 21.74 | 16.44 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#38  | 22.66 | 17.36 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#74  | 22.50 | 17.20 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0   | 22.61 | 17.31 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 36RB#0  | 21.76 | 16.46 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 36RB#18 | 21.80 | 16.50 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 36RB#39 | 21.75 | 16.45 | 36.98 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 75RB#0  | 21.65 | 16.35 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0   | 21.54 | 16.24 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38  | 21.86 | 16.56 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74  | 21.74 | 16.44 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 36RB#0  | 20.72 | 15.42 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 36RB#18 | 20.83 | 15.53 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 36RB#39 | 20.80 | 15.50 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0  | 20.92 | 15.62 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38  | 21.53 | 16.23 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0   | 21.81 | 16.51 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74  | 21.89 | 16.59 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 36RB#39 | 20.78 | 15.48 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 36RB#0  | 20.83 | 15.53 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 36RB#18 | 20.64 | 15.34 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0  | 20.72 | 15.42 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38  | 21.77 | 16.47 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74  | 21.91 | 16.61 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0   | 22.02 | 16.72 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 36RB#39 | 20.77 | 15.47 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 36RB#18 | 20.69 | 15.39 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 36RB#0  | 20.84 | 15.54 | 36.98 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 20.71 | 15.41 | 36.98 | PASS |



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|        |       |       |        |         |       |       |       |      |
|--------|-------|-------|--------|---------|-------|-------|-------|------|
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 22.71 | 17.41 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#49  | 22.66 | 17.36 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#99  | 22.67 | 17.37 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#50 | 21.79 | 16.49 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#0  | 21.71 | 16.41 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#25 | 21.66 | 16.36 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 21.81 | 16.51 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#99  | 22.65 | 17.35 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 22.75 | 17.45 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#49  | 22.57 | 17.27 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#25 | 21.88 | 16.58 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#50 | 21.78 | 16.48 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#0  | 21.67 | 16.37 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 21.71 | 16.41 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | 22.56 | 17.26 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#49  | 22.59 | 17.29 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 22.60 | 17.30 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#25 | 21.80 | 16.50 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#0  | 21.82 | 16.52 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#50 | 21.77 | 16.47 | 36.98 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 21.73 | 16.43 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99  | 21.50 | 16.20 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 21.87 | 16.57 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#49  | 21.80 | 16.50 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#0  | 20.75 | 15.45 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#25 | 20.86 | 15.56 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#50 | 20.70 | 15.40 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 20.82 | 15.52 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 21.56 | 16.26 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#49  | 21.88 | 16.58 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#99  | 21.87 | 16.57 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#25 | 20.81 | 15.51 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#0  | 20.80 | 15.50 | 36.98 | PASS |



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|        |       |       |        |         |       |       |       |      |
|--------|-------|-------|--------|---------|-------|-------|-------|------|
| Band71 | 20MHz | 16QAM | 133322 | 50RB#50 | 20.73 | 15.43 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 20.77 | 15.47 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 21.77 | 16.47 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#49  | 21.91 | 16.61 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | 21.92 | 16.62 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#0  | 20.78 | 15.48 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#25 | 20.78 | 15.48 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#50 | 20.81 | 15.51 | 36.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 20.78 | 15.48 | 36.98 | PASS |

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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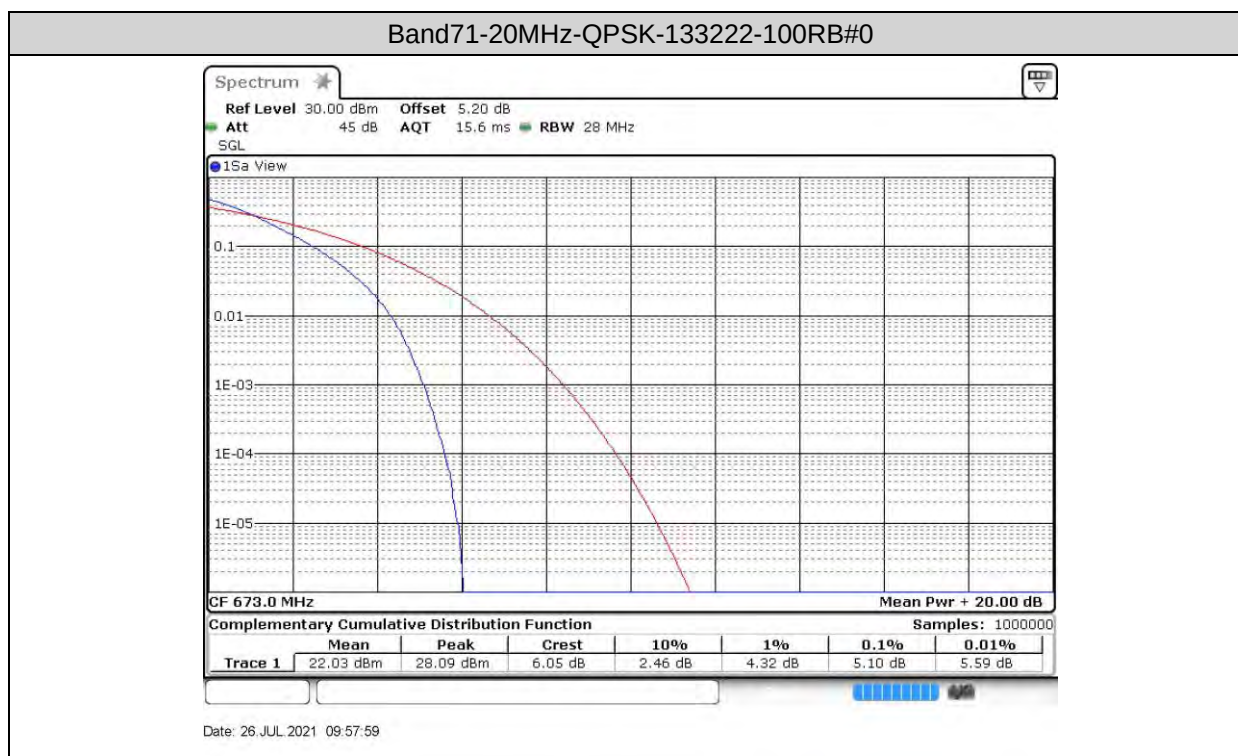


## 2. Peak-to-Average Ratio (CCDF)

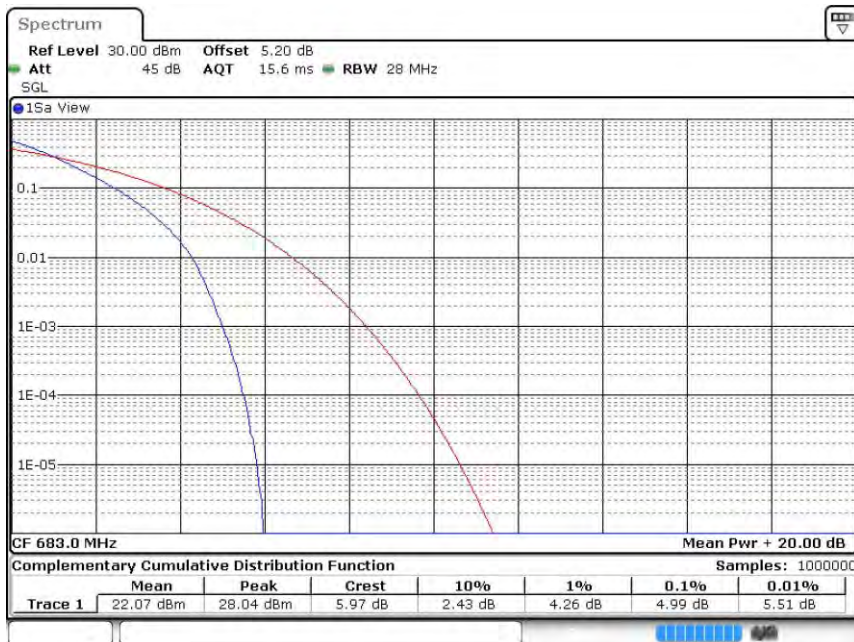
### 2.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band71 | 20MHz     | QPSK       | 133222  | 100RB#0          | 5.10       | 13        | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 4.99       | 13        | PASS    |
| Band71 | 20MHz     | QPSK       | 133372  | 100RB#0          | 5.07       | 13        | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | 5.97       | 13        | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 5.94       | 13        | PASS    |
| Band71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | 5.97       | 13        | PASS    |

### 2.2. Test Plots

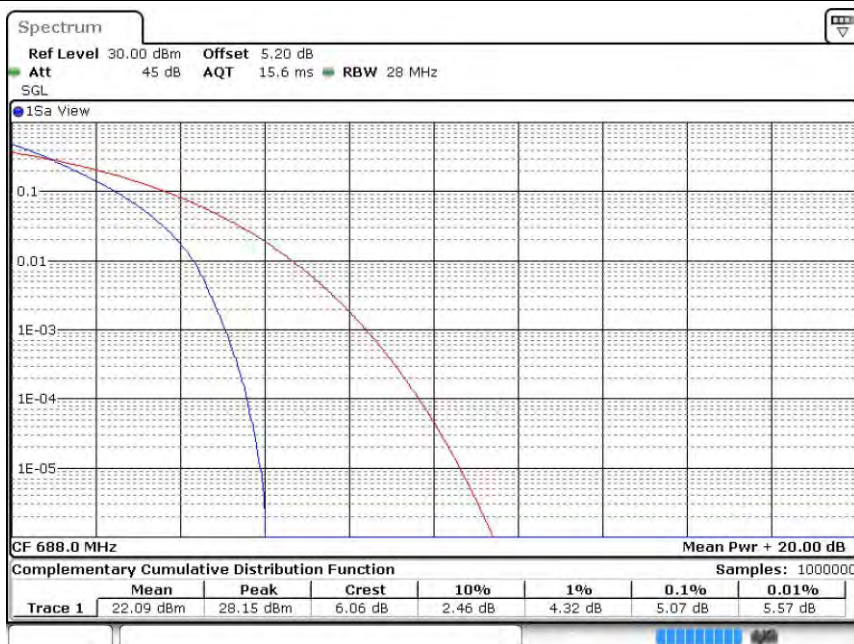


## Band71-20MHz-QPSK-133322-100RB#0



Date: 26 JUL 2021 09:58:32

## Band71-20MHz-QPSK-133372-100RB#0



Date: 26 JUL 2021 09:59:04

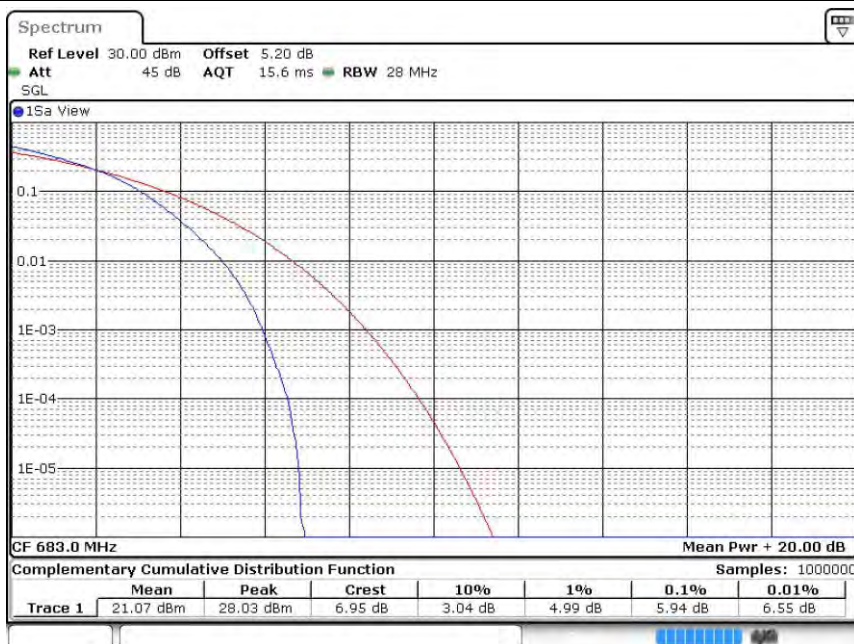


## Band71-20MHz-16QAM-133222-100RB#0



Date: 26 JUL 2021 09:58:15

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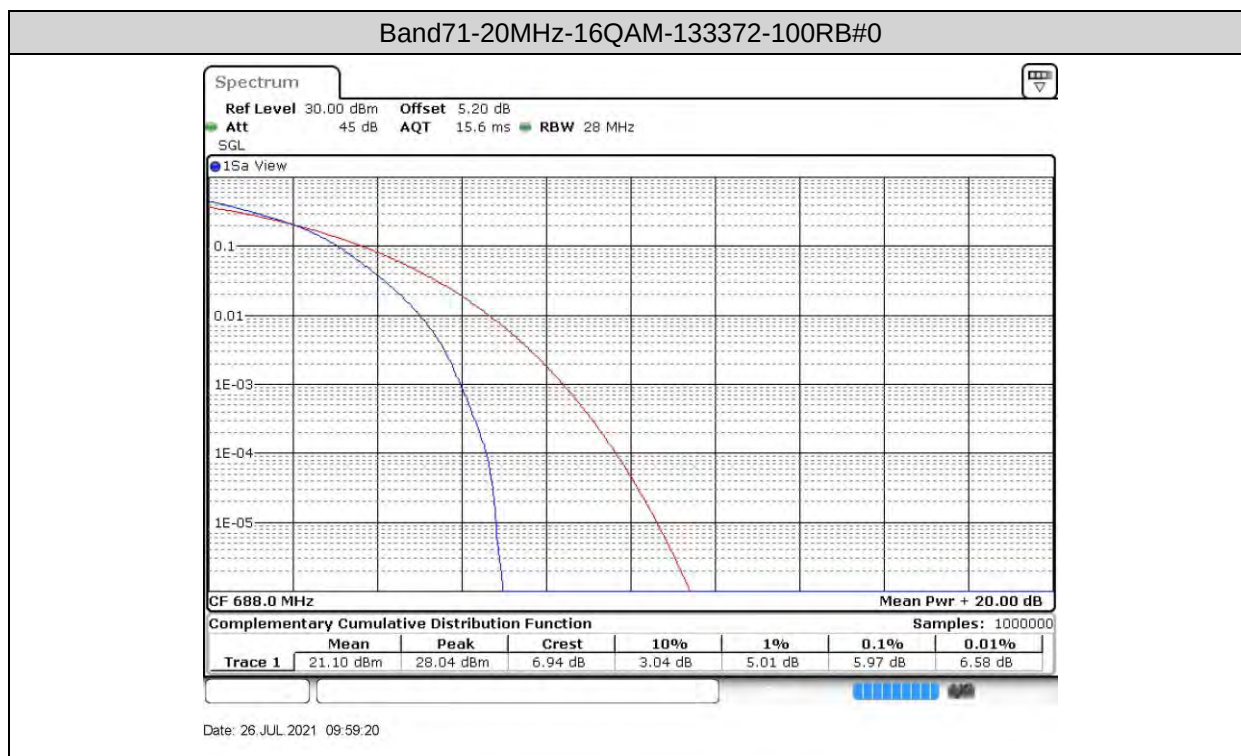


Date: 26 JUL 2021 09:58:48



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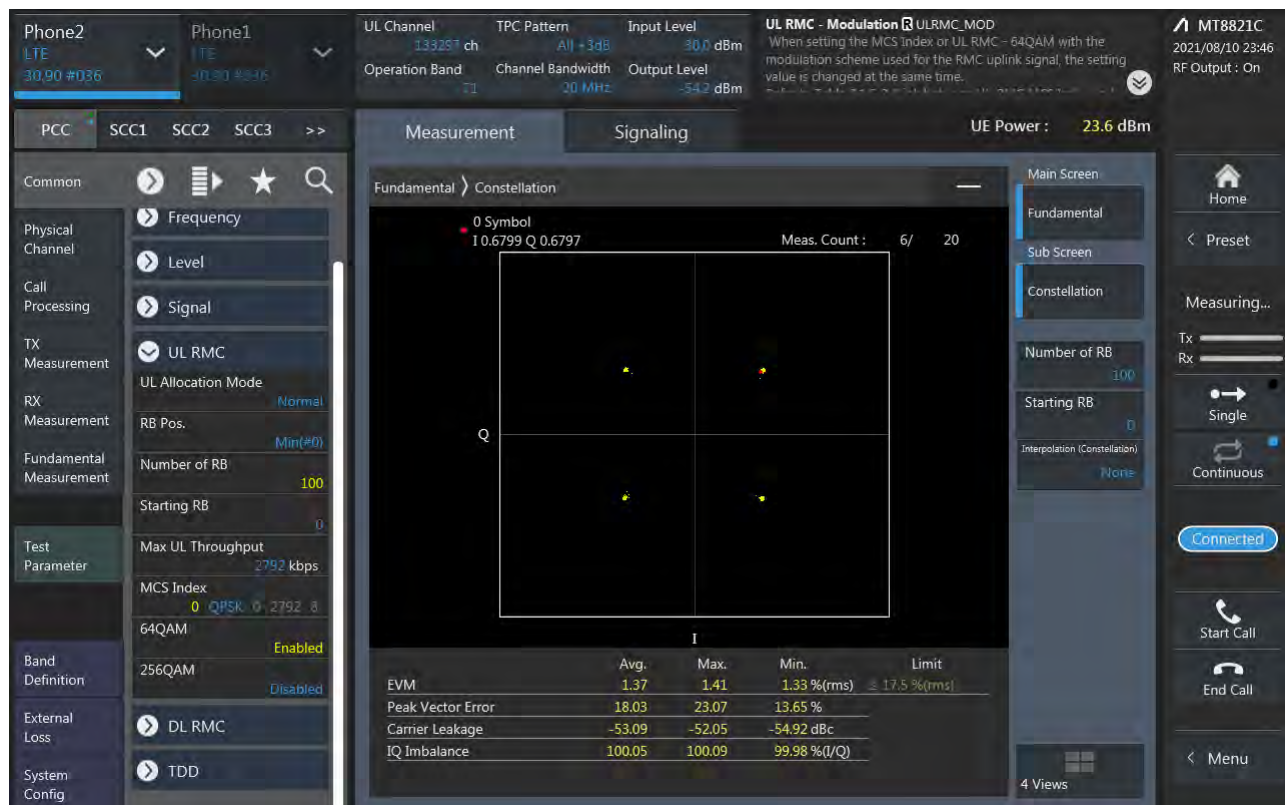
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### 3. Modulation Characteristics

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

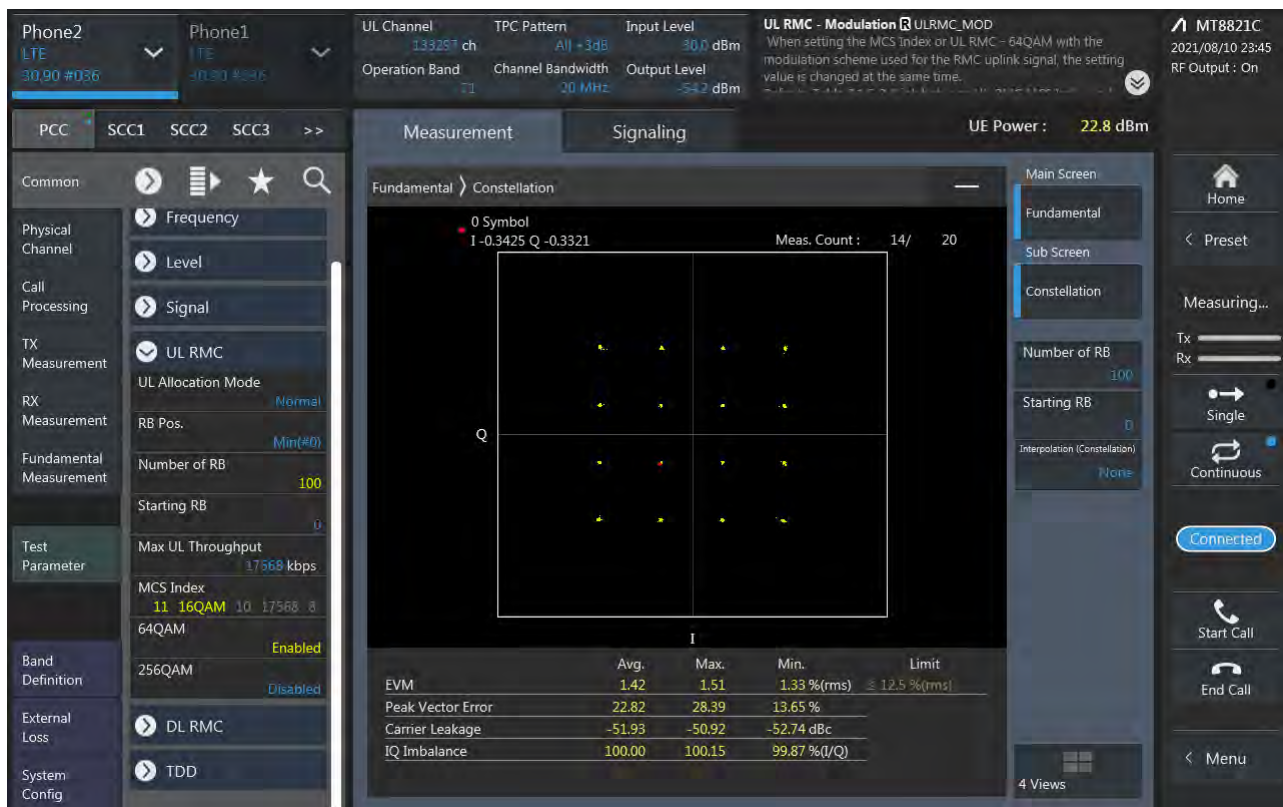
##### 3.1.1. Test Channel = MCH





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

### 3.2.1. 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 |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 4.466                    | 4.900                | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 4.466                    | 4.910                | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 4.466                    | 4.900                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 4.476                    | 4.960                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 4.466                    | 4.950                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 4.466                    | 4.950                | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 8.891                    | 9.700                | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 8.911                    | 9.640                | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 8.891                    | 9.660                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 8.891                    | 9.640                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 8.911                    | 9.680                | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 13.457                   | 14.760               | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 13.457                   | 14.760               | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 13.487                   | 14.790               | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 13.427                   | 14.850               | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 13.397                   | 14.820               | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | 13.457                   | 14.850               | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 100RB#0          | 17.942                   | 19.080               | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 17.902                   | 19.400               | PASS    |
| Band71 | 20MHz     | QPSK       | 133372  | 100RB#0          | 17.862                   | 19.480               | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | 17.822                   | 19.120               | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 17.822                   | 19.360               | PASS    |
| Band71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | 17.862                   | 19.360               | PASS    |



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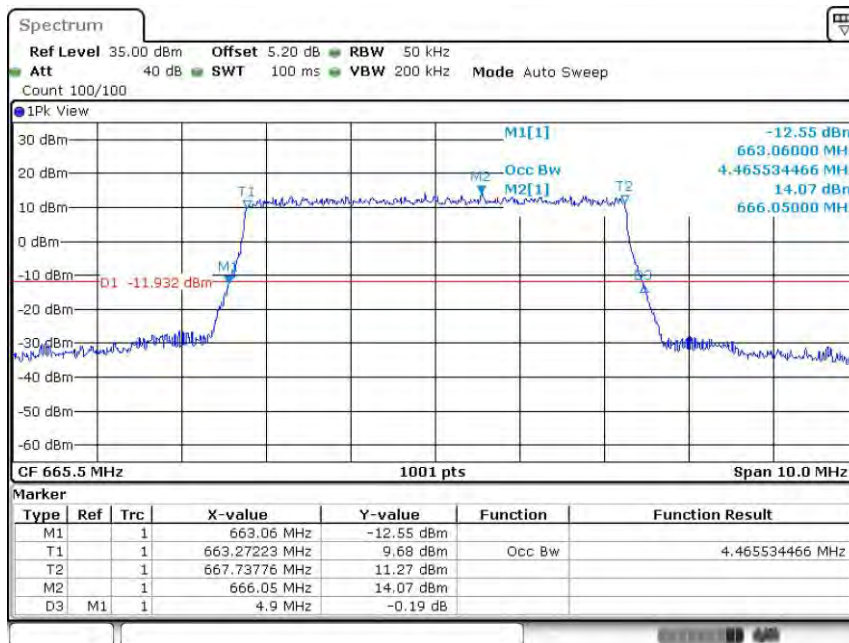
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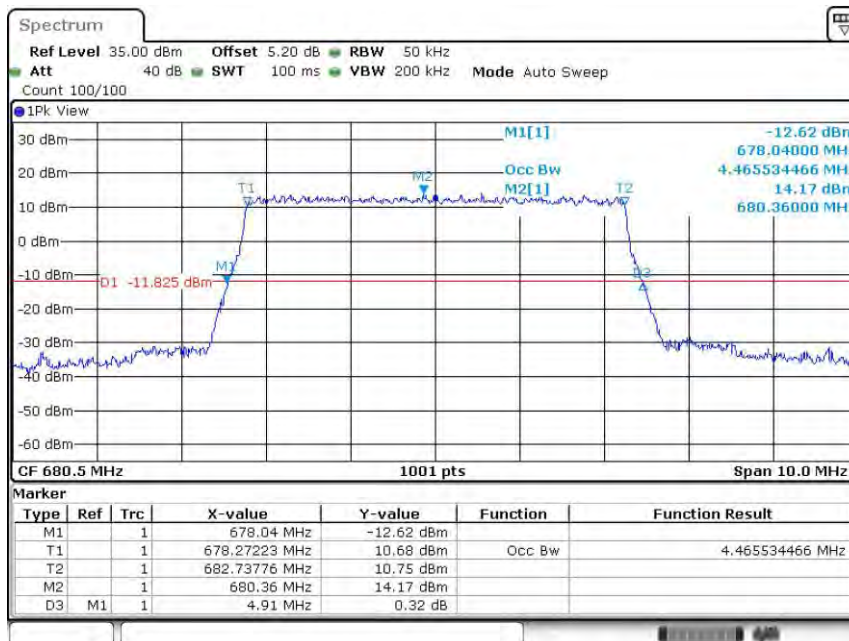
## 4.2. Test Plots

Band71-5MHz-QPSK-133147-25RB#0



Date: 26 JUL 2021 09:22:27

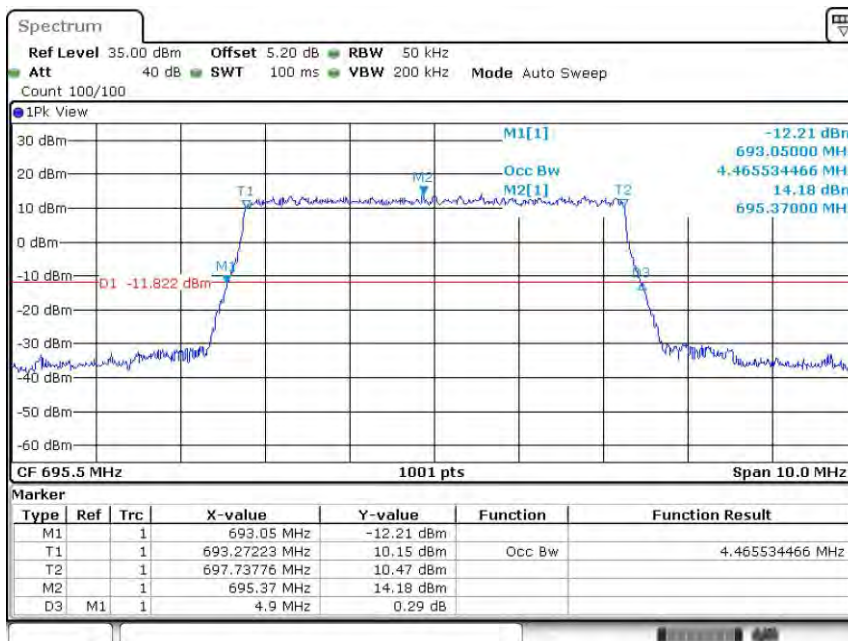
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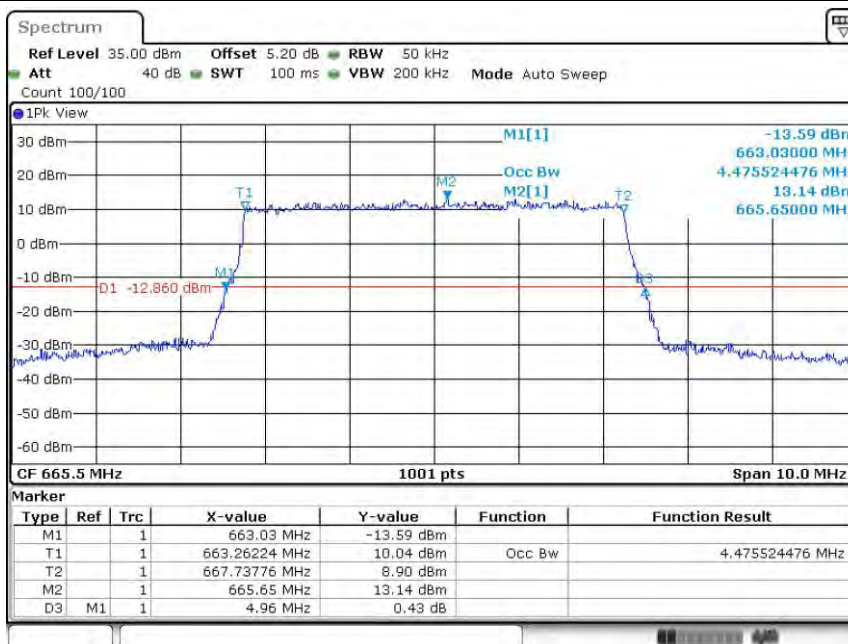


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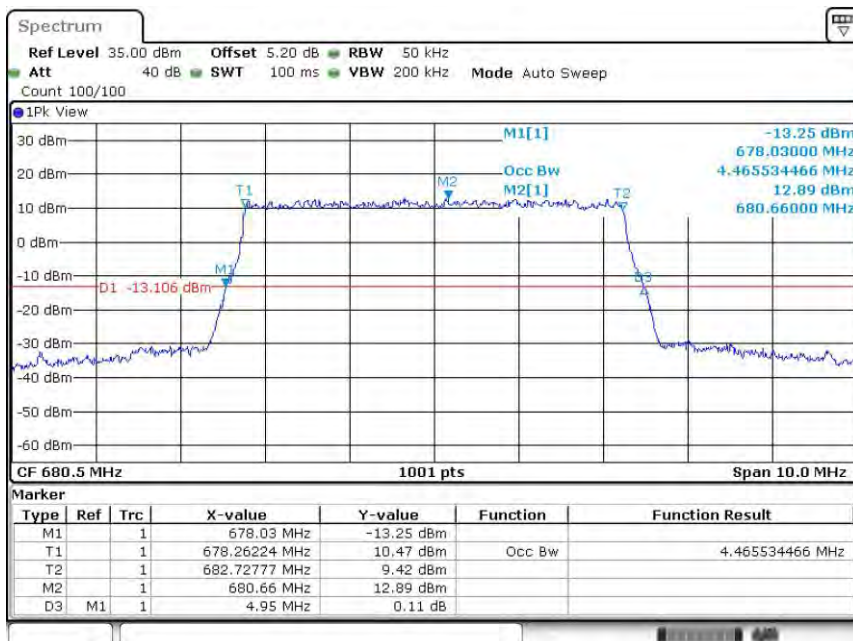
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Date: 26 JUL 2021 09:22:51

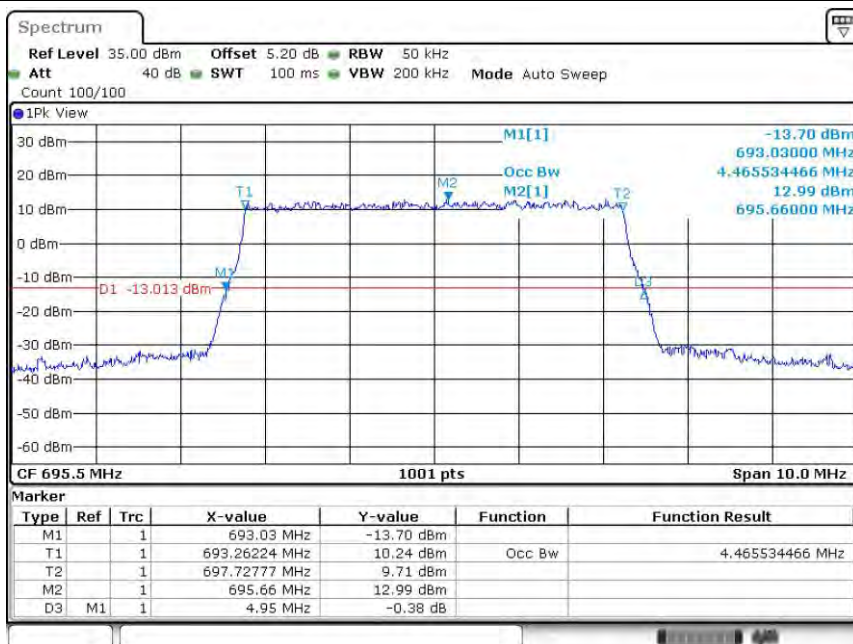


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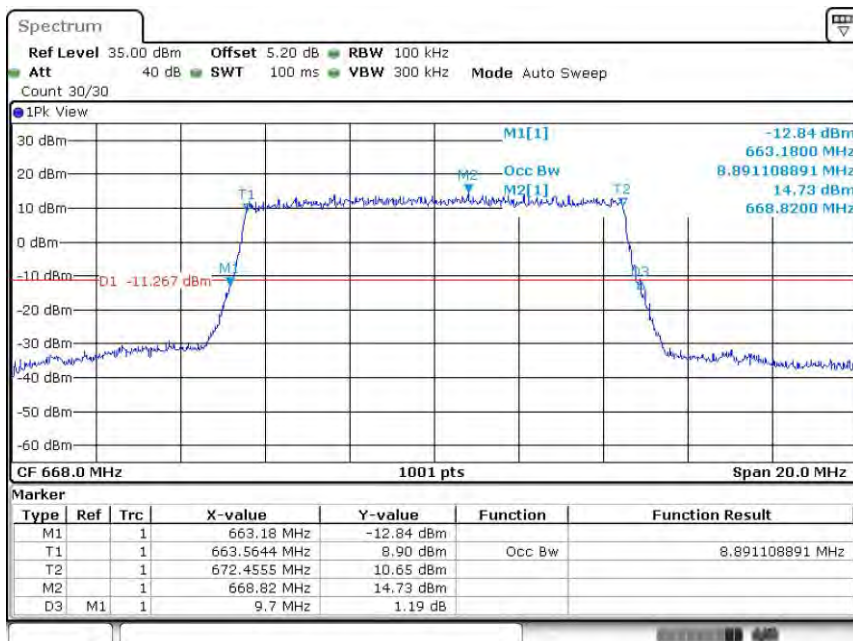
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Date: 26 JUL 2021 09:24:31

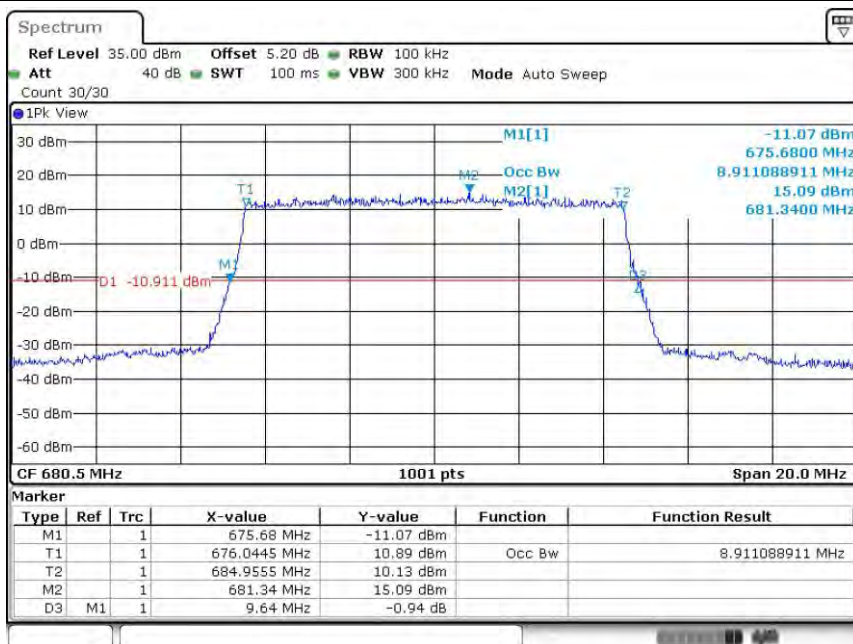


## Band71-10MHz-QPSK-133172-50RB#0



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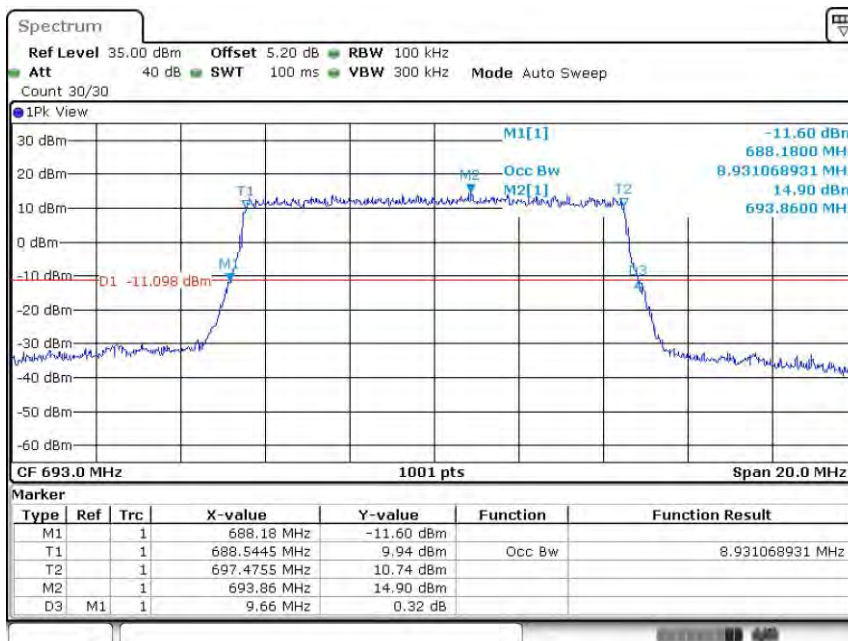
## Band71-10MHz-QPSK-133297-50RB#0



Date: 5.AUG.2021 19:19:04

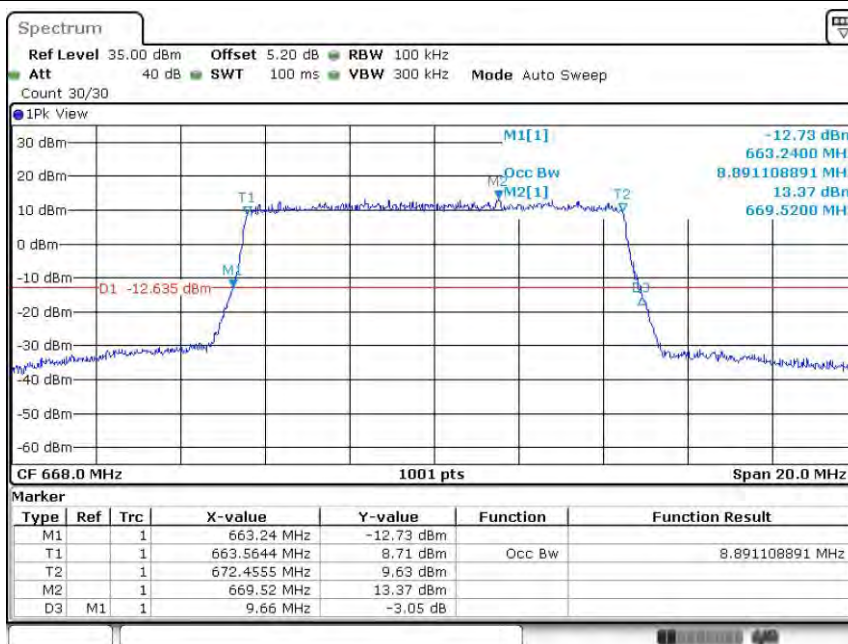


### Band71-10MHz-QPSK-133422-50RB#0



Date: 5.AUG.2021 19:19:37

### Band71-10MHz-16QAM-133172-50RB#0



Date: 5.AUG.2021 19:18:47

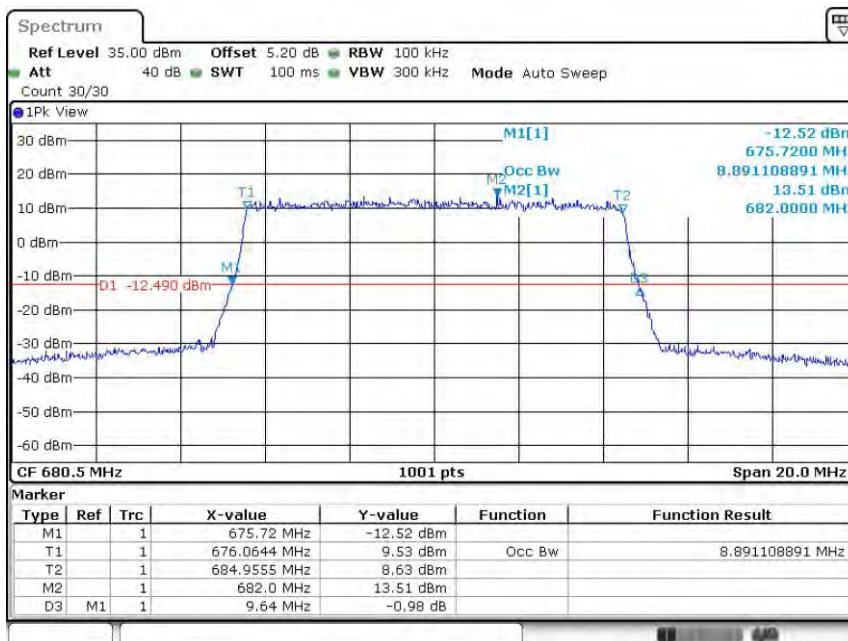


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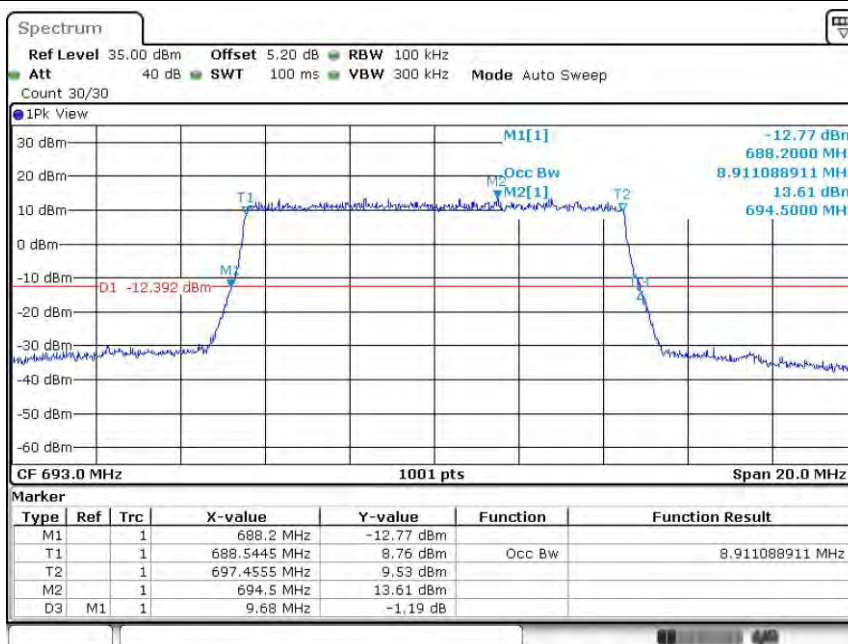
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## Band71-10MHz-16QAM-133297-50RB#0



Date: 5.AUG.2021 19:19:20

## Band71-10MHz-16QAM-133422-50RB#0



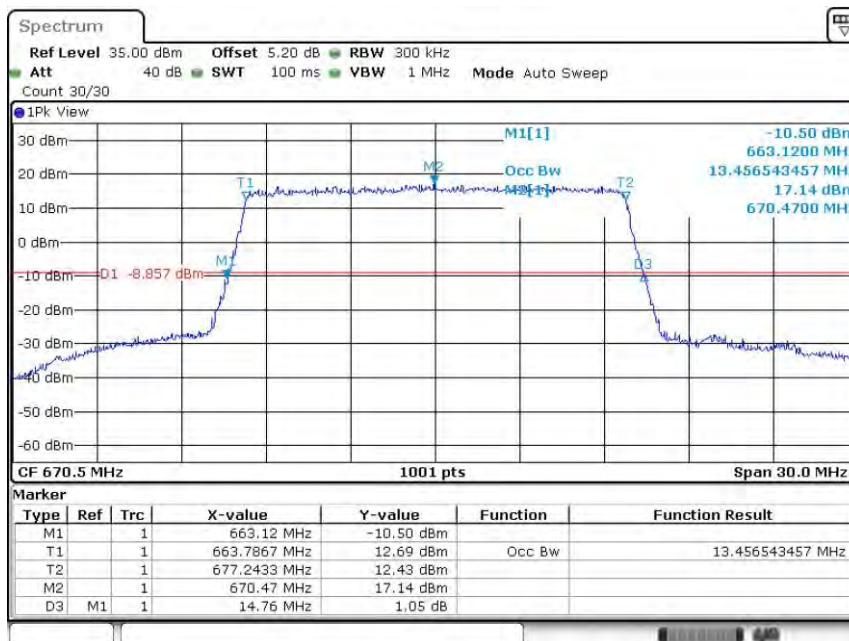
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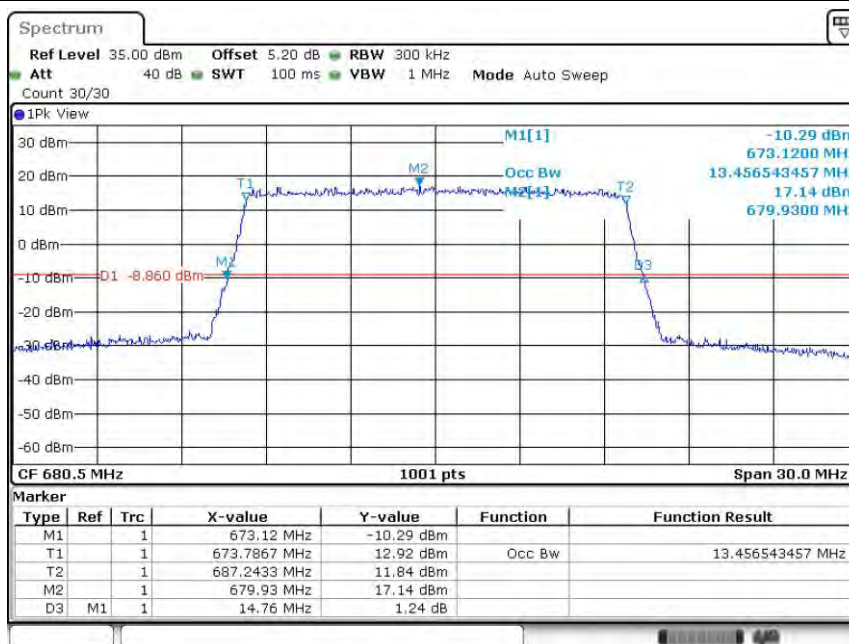
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## Band71-15MHz-QPSK-133197-75RB#0



Date: 5.AUG.2021 19:20:29

## Band71-15MHz-QPSK-133297-75RB#0



Date: 5.AUG.2021 19:21:02



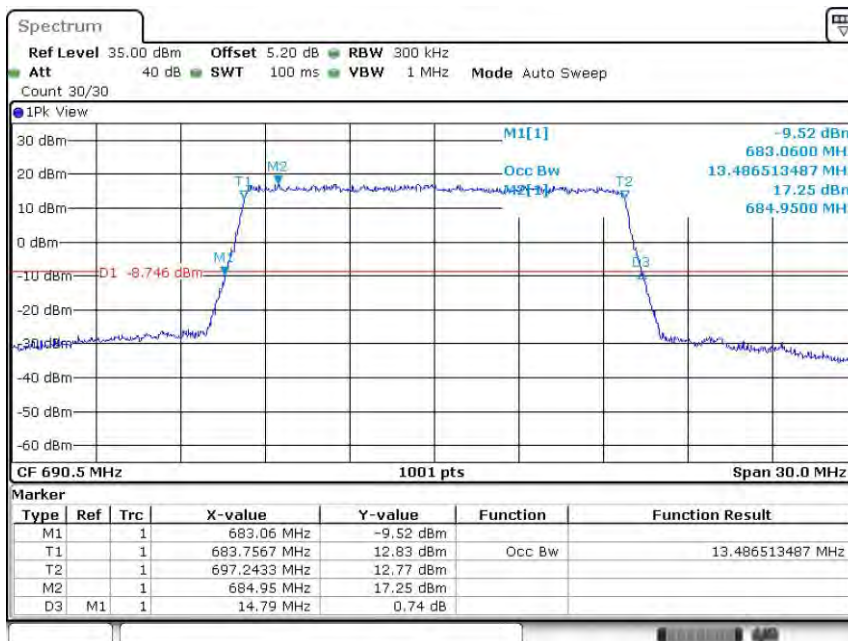
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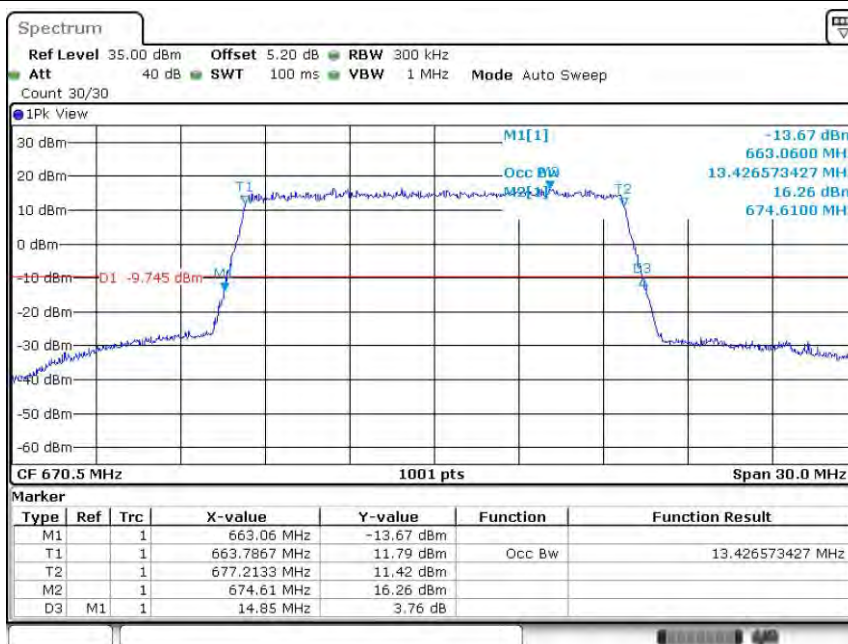
Member of the SGS Group (SGS SA)

## Band71-15MHz-QPSK-133397-75RB#0



Date: 5.AUG.2021 19:21:35

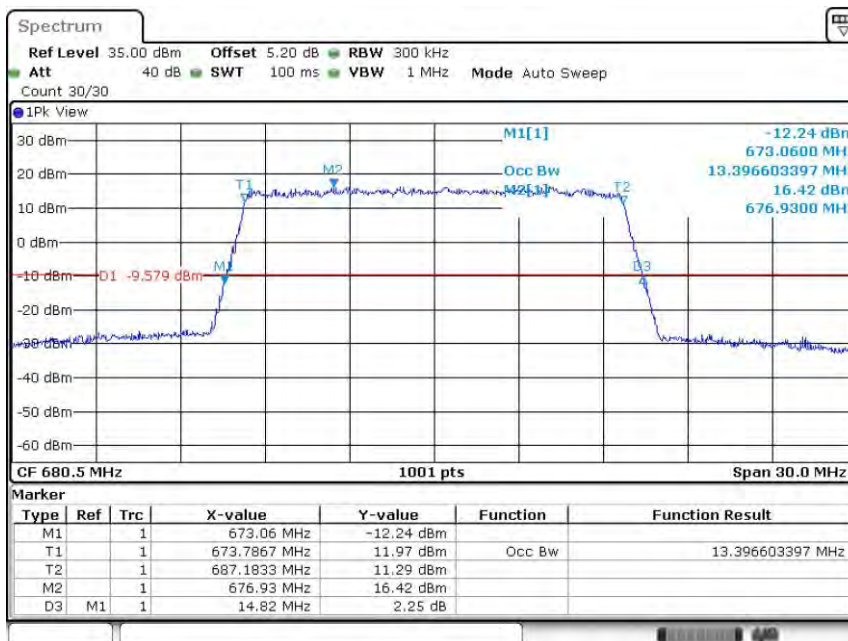
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Date: 5.AUG.2021 19:20:45

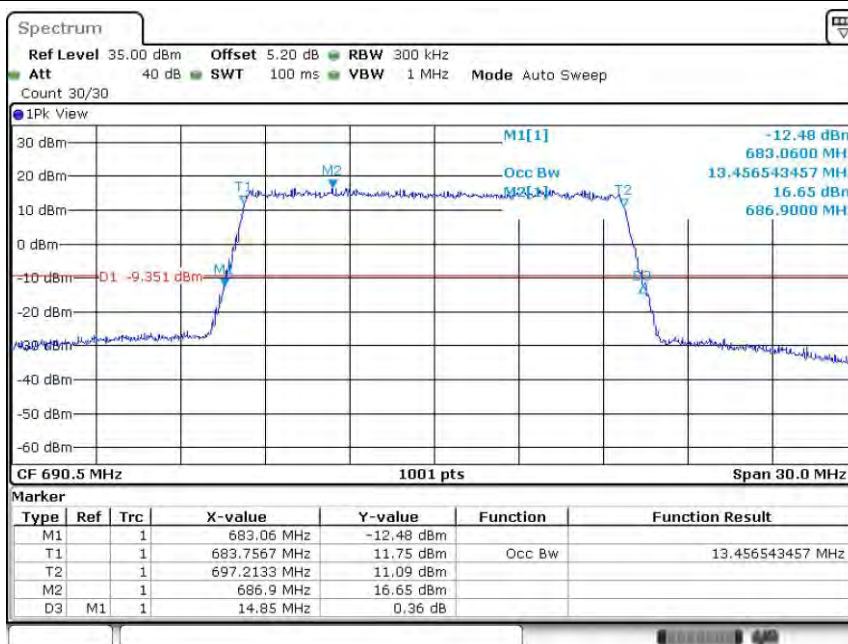


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Date: 5.AUG.2021 19:21:18

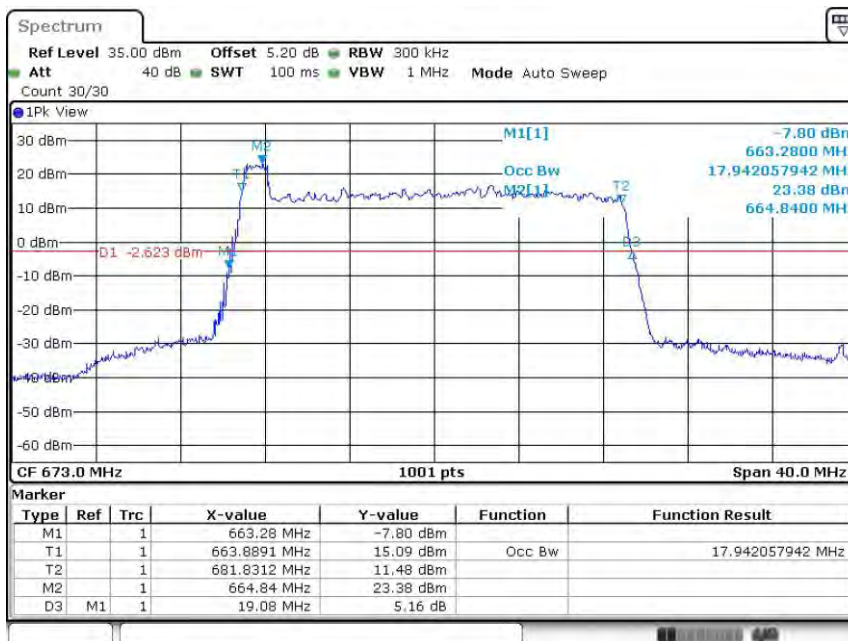
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Date: 5.AUG.2021 19:21:51

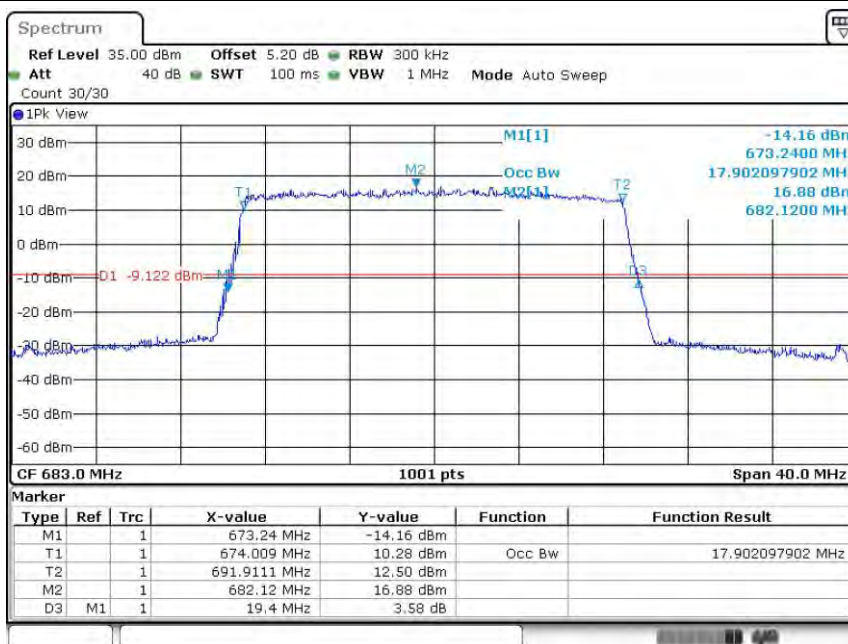


## Band71-20MHz-QPSK-133222-100RB#0



Date: 26 JUL 2021 09:34:38

## Band71-20MHz-QPSK-133322-100RB#0



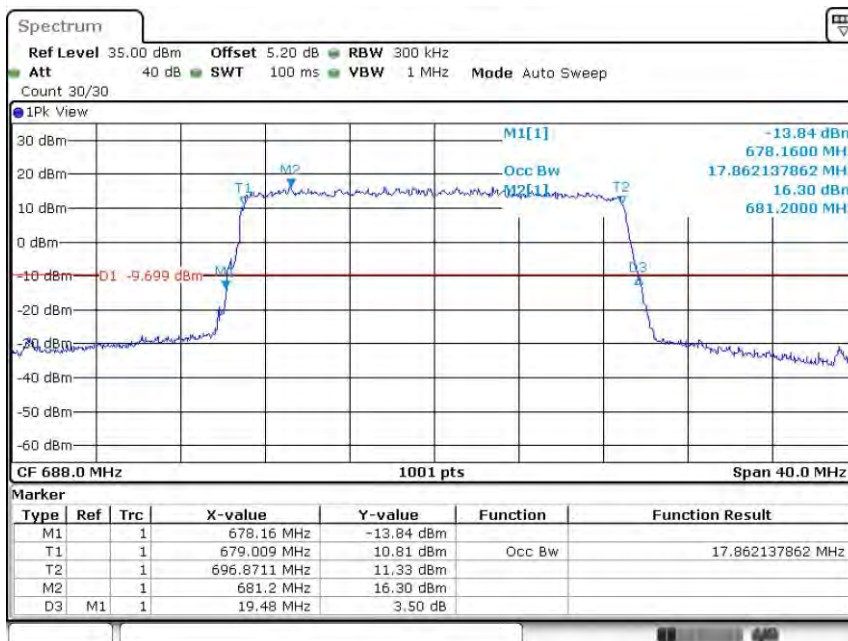
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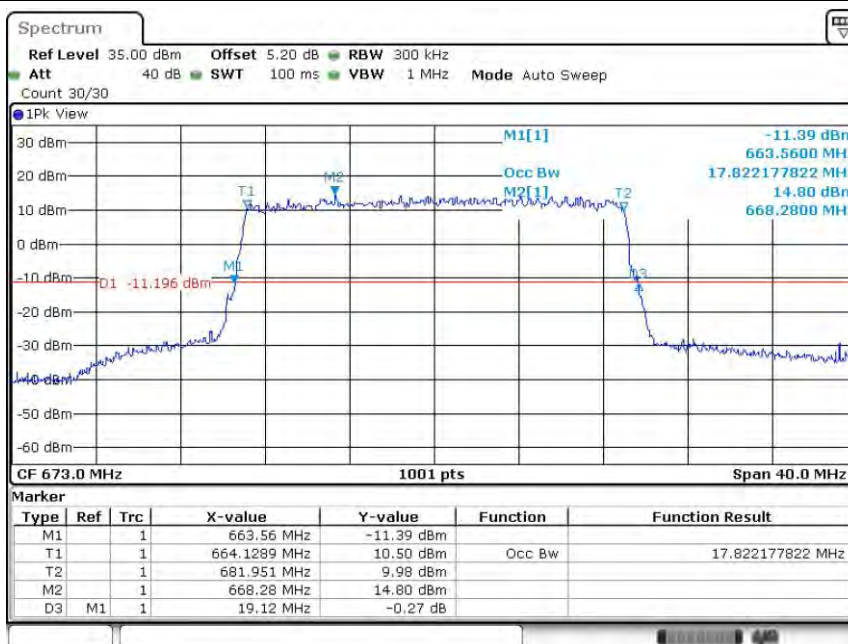
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## Band71-20MHz-QPSK-133372-100RB#0



Date: 26 JUL 2021 09:35:48

## Band71-20MHz-16QAM-133222-100RB#0



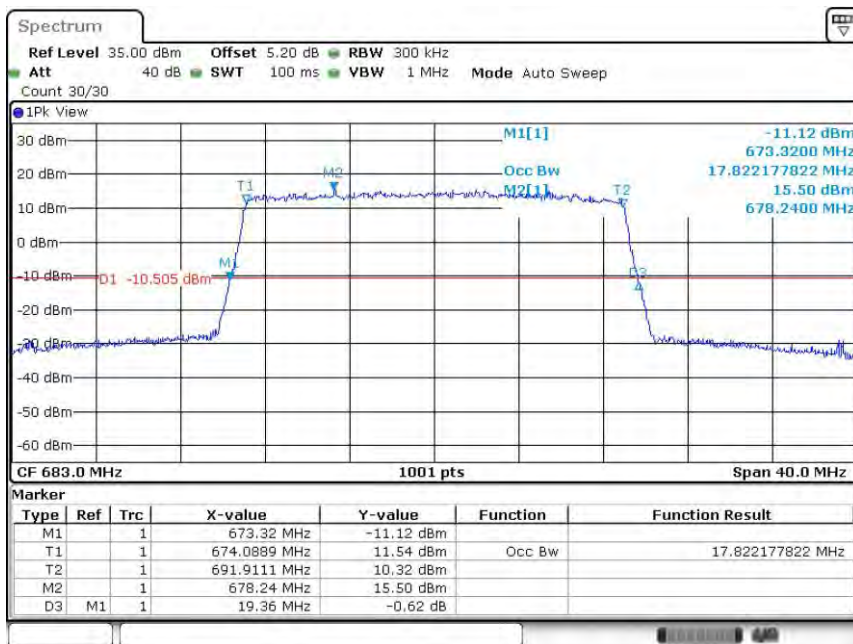
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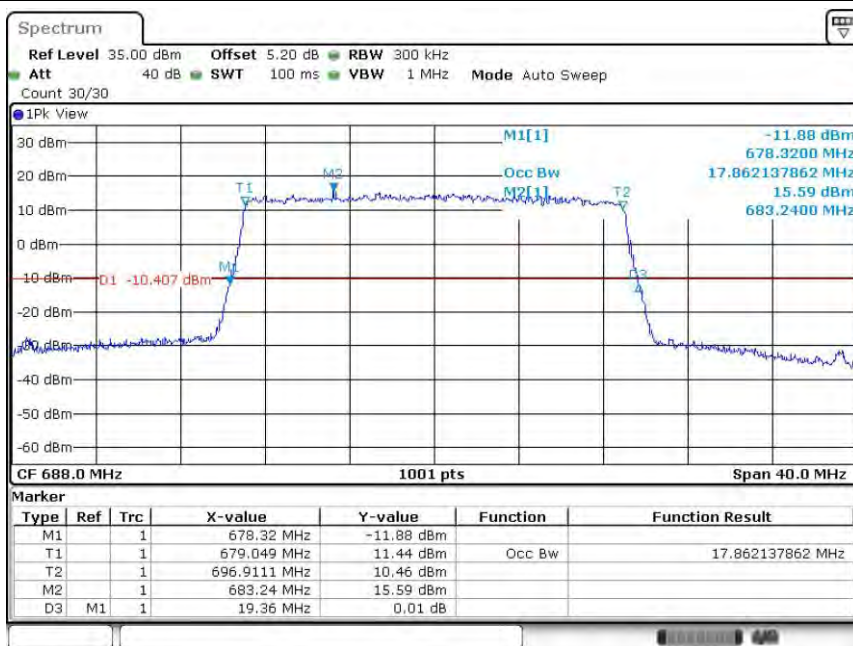
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## Band71-20MHz-16QAM-133322-100RB#0



Date: 26 JUL 2021 09:35:30

## Band71-20MHz-16QAM-133372-100RB#0



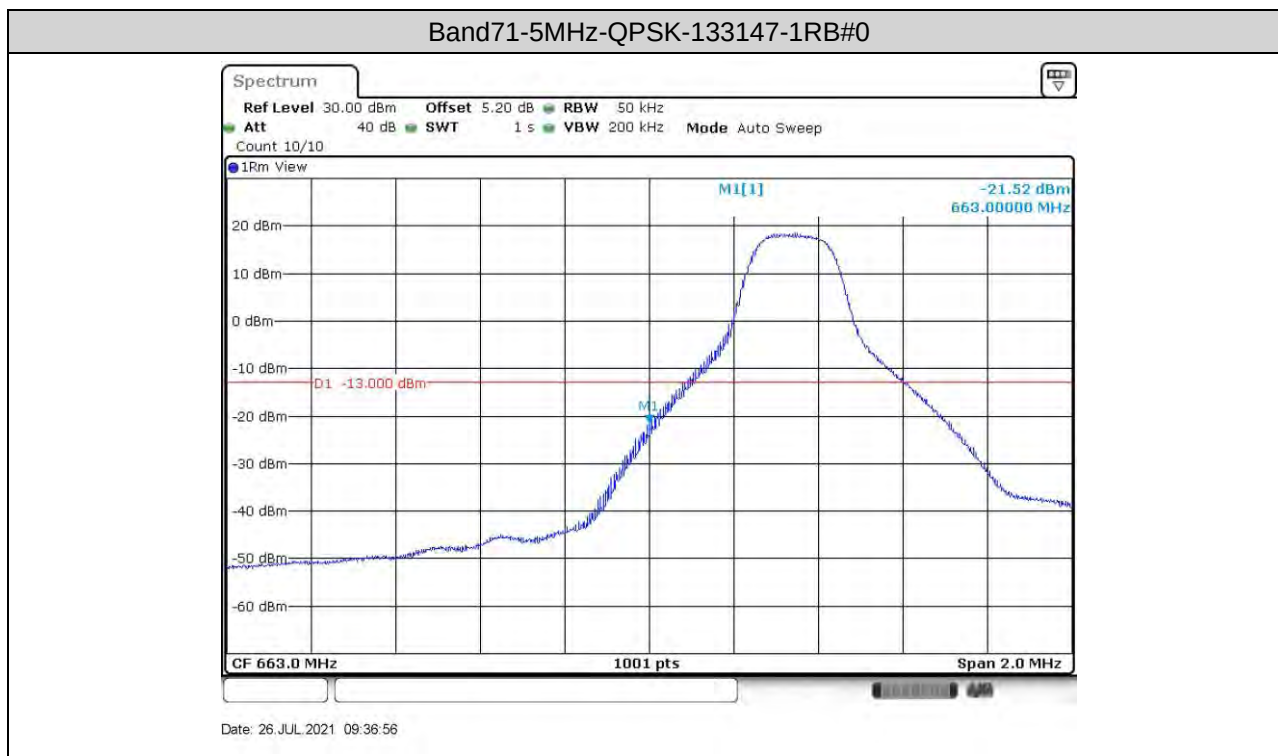
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## 5. Band Edge Compliance

### 5.1. Test Plots



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Band71-5MHz-QPSK-133147-25RB#0



Date: 26 JUL 2021 09:37:48

Band71-5MHz-QPSK-133447-1RB#24



Date: 26 JUL 2021 09:38:57



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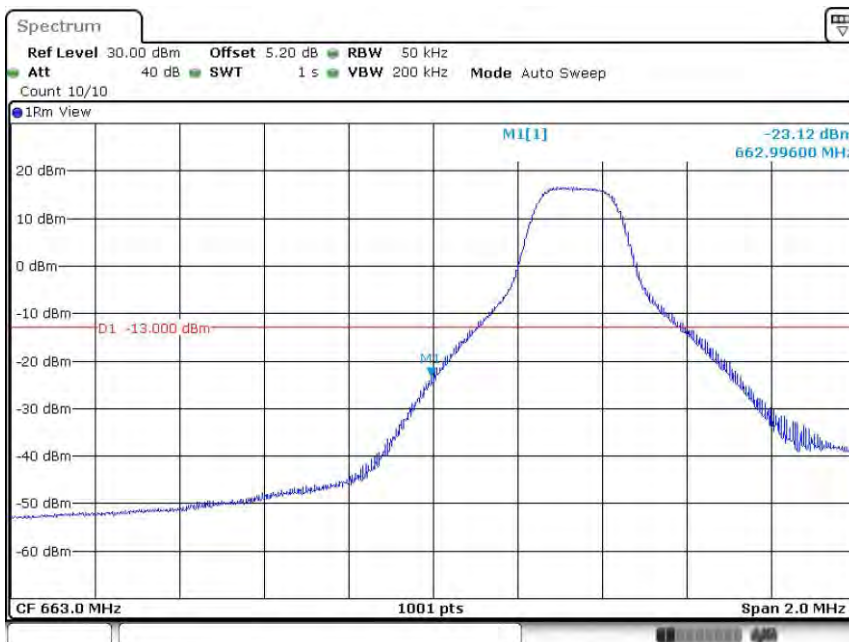
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Band71-5MHz-QPSK-133447-25RB#0



Date: 26 JUL 2021 09:39:48

Band71-5MHz-16QAM-133147-1RB#0



Date: 26 JUL 2021 09:37:22



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## Band71-5MHz-16QAM-133147-25RB#0



Date: 26 JUL 2021 09:38:14

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**Band71-5MHz-16QAM-133447-25RB#0**



Date: 26.JUL.2021 09:40:14

**Band71-10MHz-QPSK-133172-1RB#0**



Date: 5.AUG.2021 19:22:38



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**Band71-10MHz-QPSK-133172-50RB#0**



Date: 5.AUG.2021 19:23:34

**Band71-10MHz-QPSK-133422-1RB#49**



Date: 26.JUL.2021 09:43:01



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**Band71-10MHz-QPSK-133422-50RB#0**



Date: 26 JUL 2021 09:43:53

**Band71-10MHz-16QAM-133172-1RB#0**



Date: 5 AUG 2021 19:23:04



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**Band71-10MHz-16QAM-133172-50RB#0**



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## Band71-10MHz-16QAM-133422-50RB#0



Date: 26.JUL.2021 09:44:18

## Band71-15MHz-QPSK-133197-1RB#0



Date: 5.AUG.2021 19:25:26



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**Band71-15MHz-QPSK-133197-75RB#0**



Date: 5.AUG.2021 19:26:15

**Band71-15MHz-QPSK-133397-1RB#74**



Date: 26.JUL.2021 09:47:01



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**Band71-15MHz-QPSK-133397-75RB#0**



Date: 26.JUL.2021 09:47:52

**Band71-15MHz-16QAM-133197-1RB#0**



Date: 5.AUG.2021 19:25:51



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**Band71-15MHz-16QAM-133197-75RB#0**



Date: 5.AUG.2021 19:26:40

**Band71-15MHz-16QAM-133397-1RB#74**



Date: 26.JUL.2021 09:47:26



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## Band71-15MHz-16QAM-133397-75RB#0



Date: 26.JUL.2021 09:48:18

## Band71-20MHz-QPSK-133222-1RB#0



Date: 3.AUG.2021 17:20:35



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Band71-20MHz-QPSK-133222-100RB#0



Date: 3.AUG.2021 17:21:24

Band71-20MHz-QPSK-133372-1RB#99



Date: 26.JUL.2021 09:51:12



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**Band71-20MHz-QPSK-133372-100RB#0**



Date: 26 JUL 2021 09:52:03

**Band71-20MHz-16QAM-133222-1RB#0**



Date: 3 AUG 2021 17:21:00



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**Band71-20MHz-16QAM-133222-100RB#0**



Date: 3.AUG.2021 17:21:49

**Band71-20MHz-16QAM-133372-1RB#99**

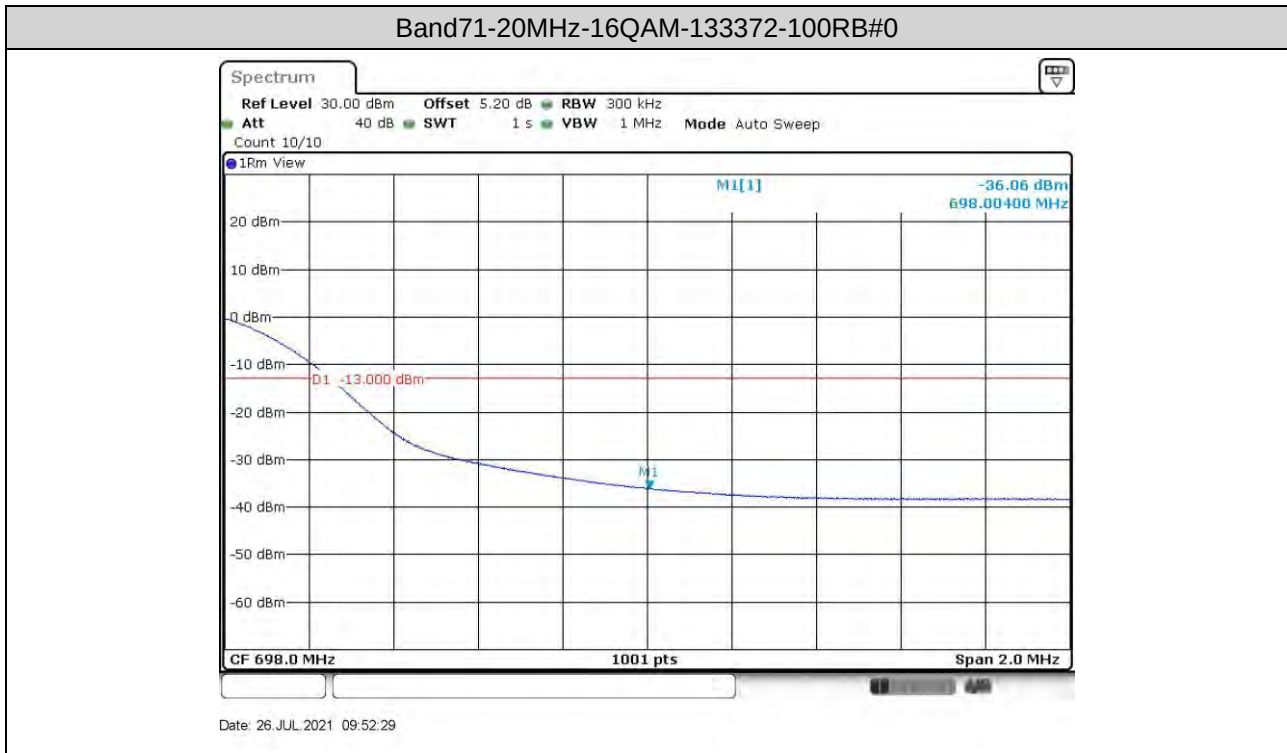


Date: 26.JUL.2021 09:51:37



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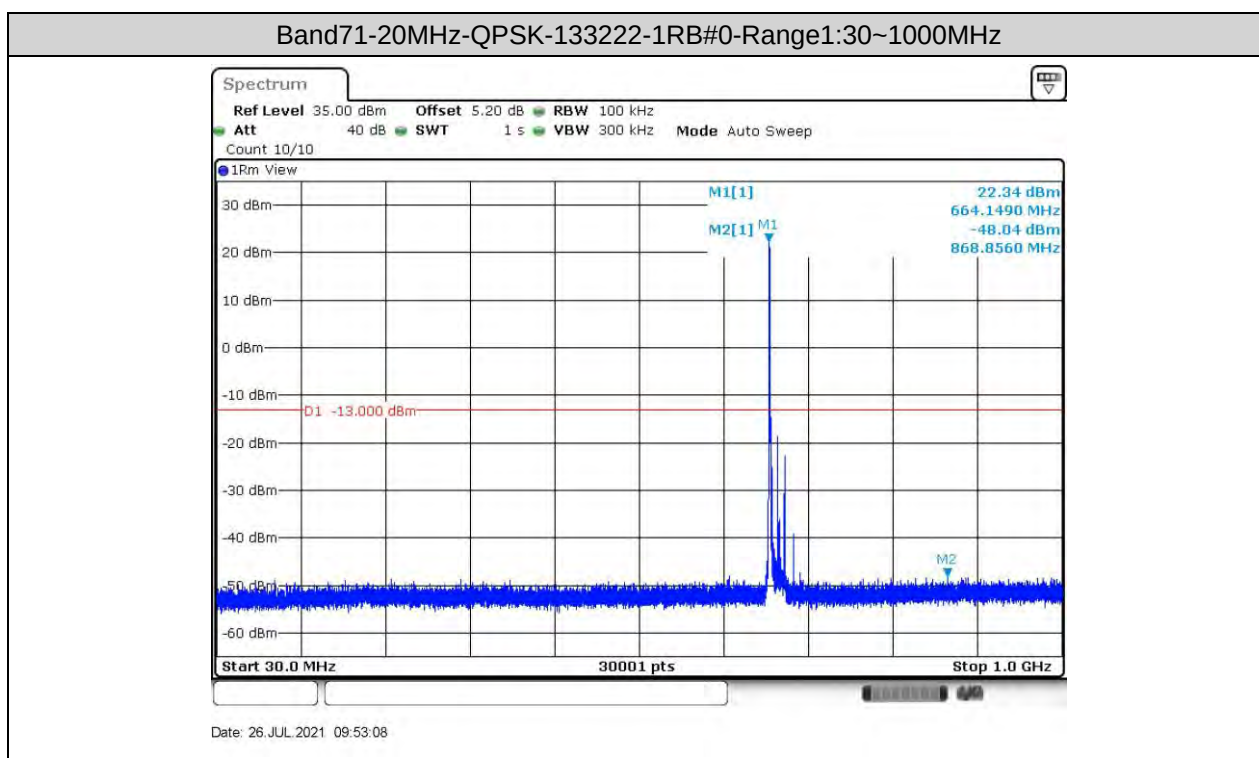
## 6. Spurious Emission at Antenna Terminal

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

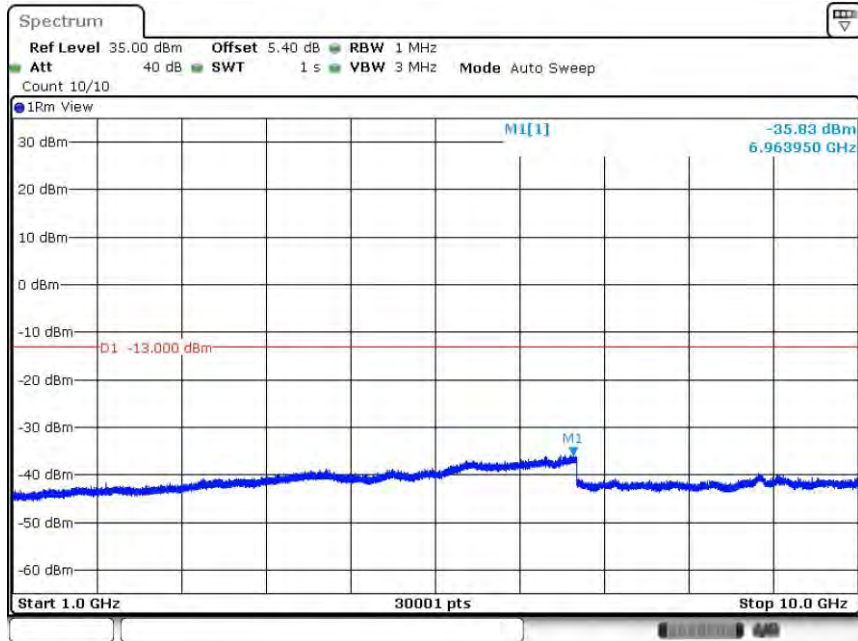
Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed

### 6.1. Test Plots

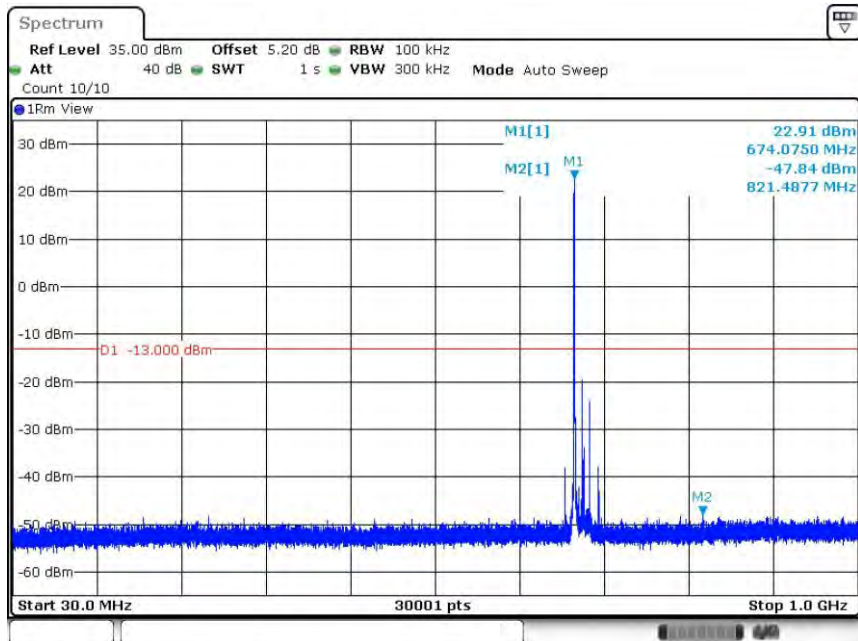


**Band71-20MHz-QPSK-133222-1RB#0-Range2:1000~10000MHz**



Date: 26 JUL 2021 09:53:24

**Band71-20MHz-QPSK-133322-1RB#0-Range1:30~1000MHz**



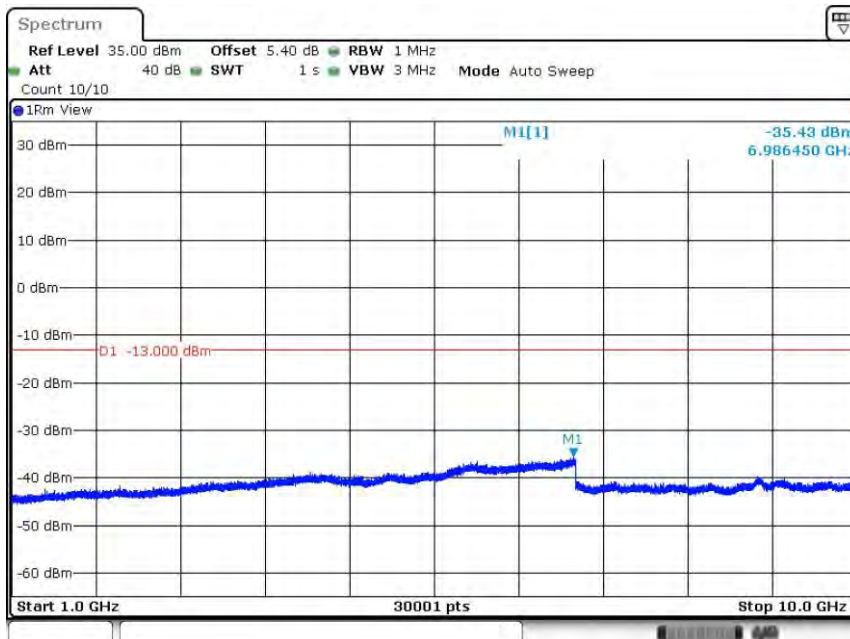
Date: 26 JUL 2021 09:54:30



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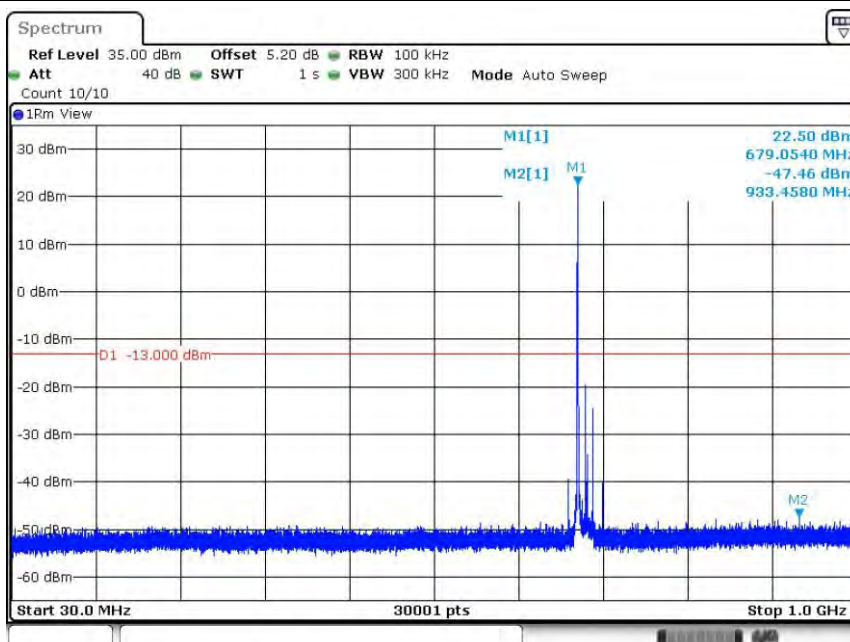
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**Band71-20MHz-QPSK-133322-1RB#0-Range2:1000~10000MHz**



Date: 26 JUL 2021 09:54:46

**Band71-20MHz-QPSK-133372-1RB#0-Range1:30~1000MHz**



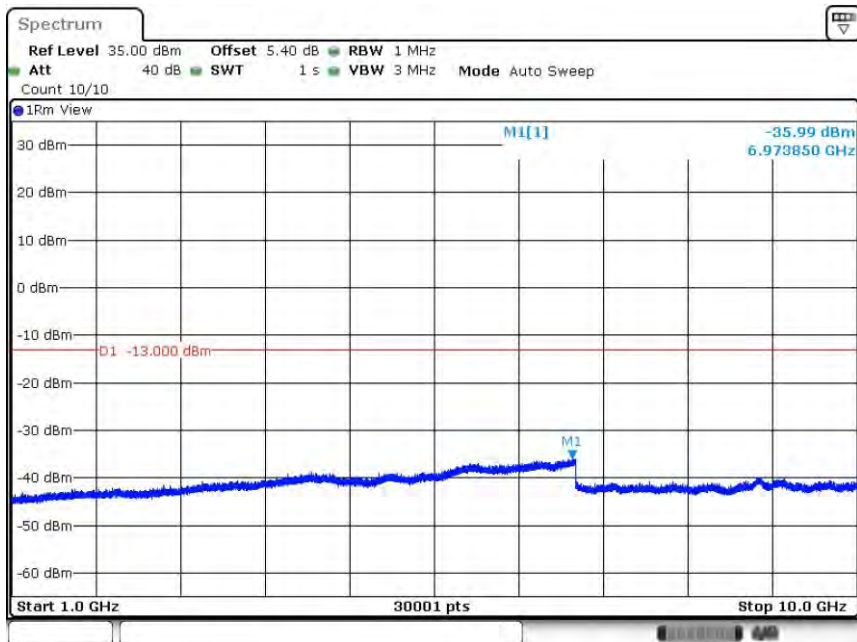
Date: 26 JUL 2021 09:55:52



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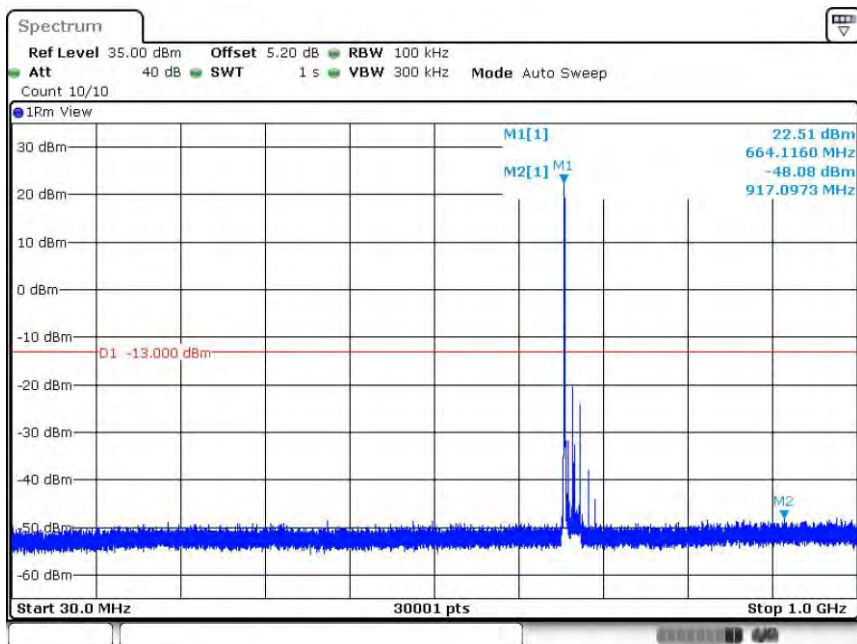
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**Band71-20MHz-QPSK-133372-1RB#0-Range2:1000~10000MHz**



Date: 26 JUL 2021 09:56:08

**Band71-20MHz-16QAM-133222-1RB#0-Range1:30~1000MHz**



Date: 26 JUL 2021 09:53:49

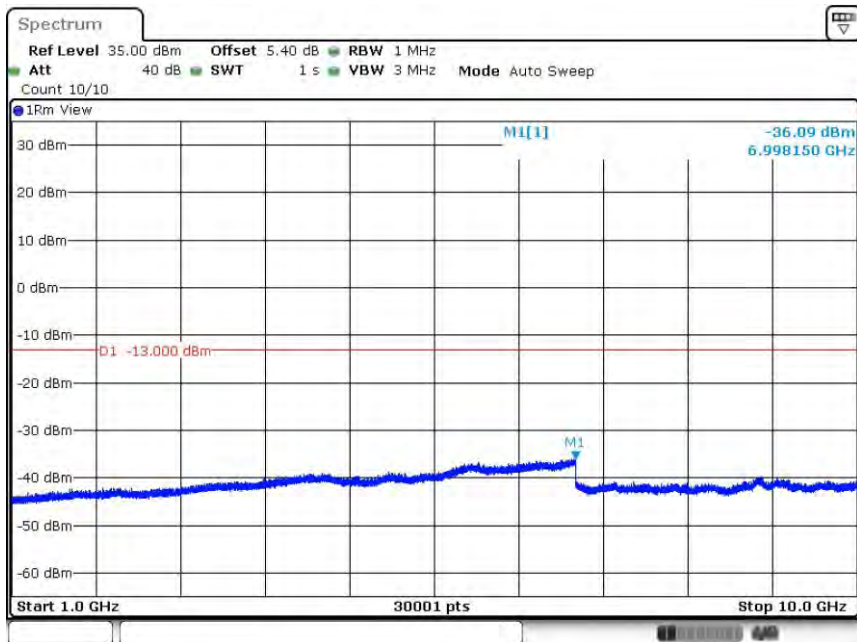


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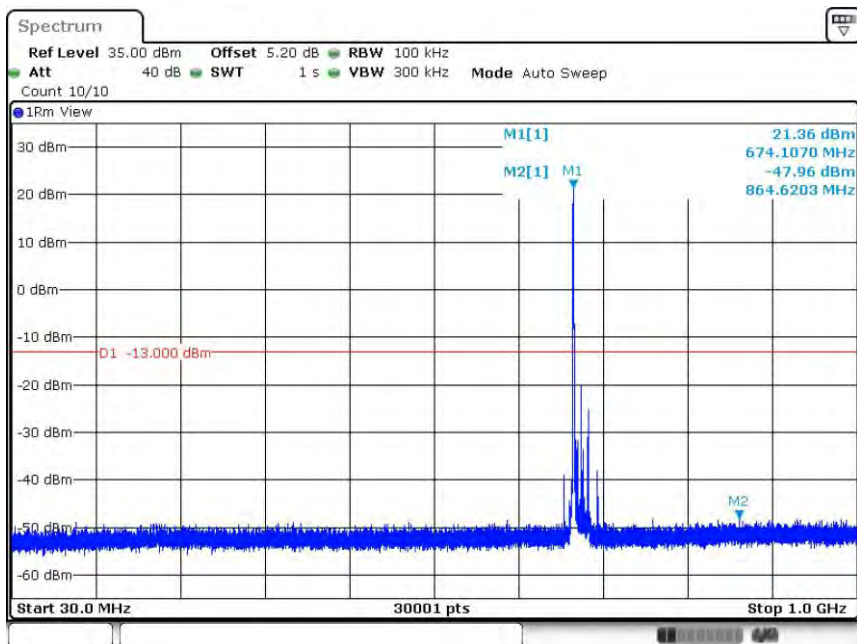
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**Band71-20MHz-16QAM-133222-1RB#0-Range2:1000~10000MHz**



Date: 26 JUL 2021 09:54:05

**Band71-20MHz-16QAM-133322-1RB#0-Range1:30~1000MHz**



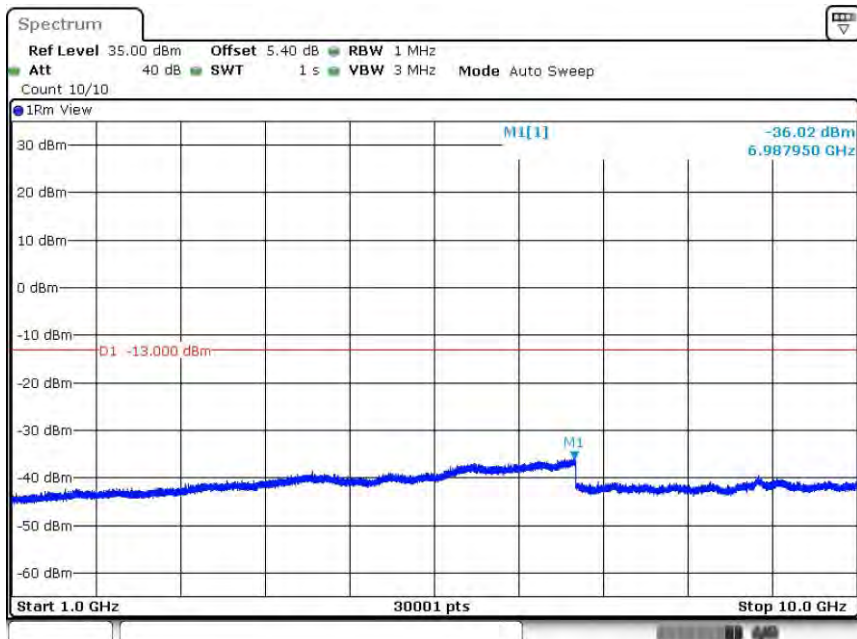
Date: 26 JUL 2021 09:55:11



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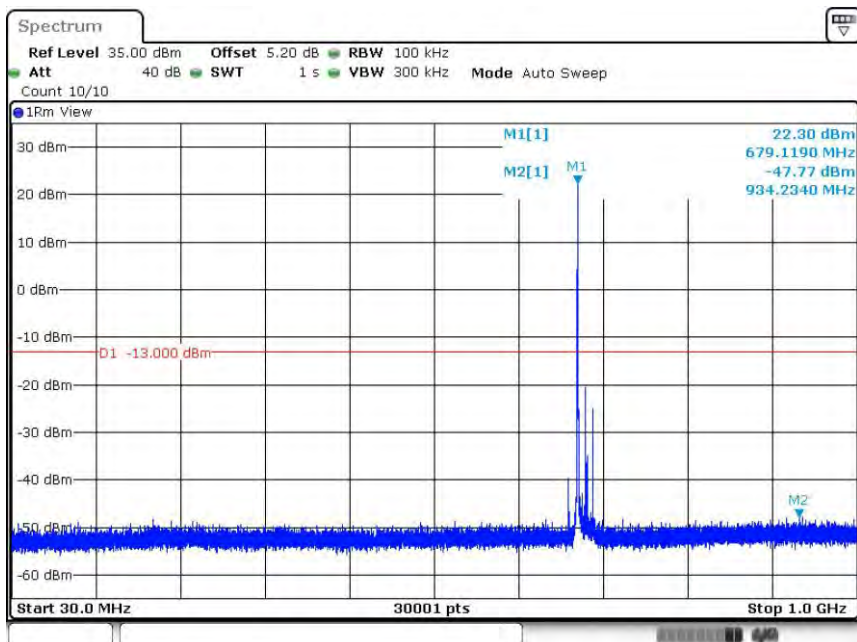
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**Band71-20MHz-16QAM-133322-1RB#0-Range2:1000~10000MHz**



Date: 26 JUL 2021 09:55:27

**Band71-20MHz-16QAM-133372-1RB#0-Range1:30~1000MHz**

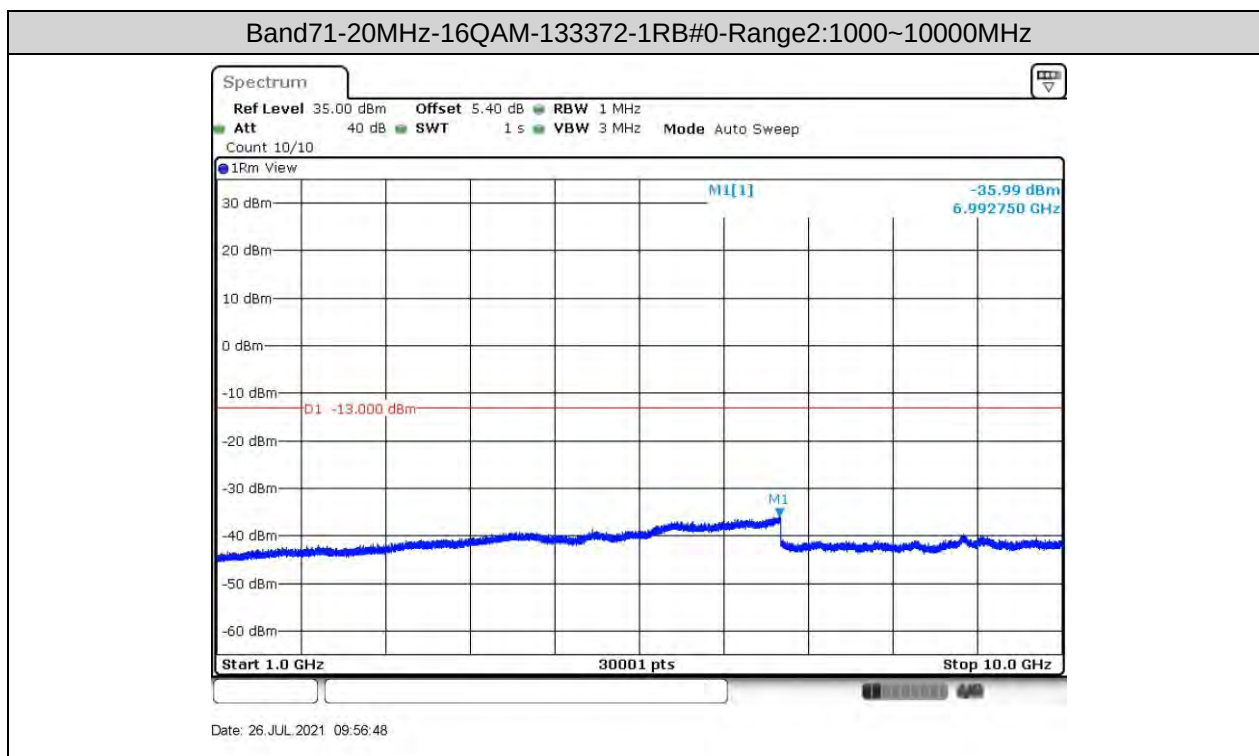


Date: 26 JUL 2021 09:56:33



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = \_71\_ TM1

#### 7.1.1. Test Channel = Low Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 1328.2164      | 40.30            | -49.76         | -13.00         | 36.76          | Horizontal |
| 2                   | 1992.0496      | 43.22            | -45.11         | -13.00         | 32.11          | Horizontal |
| 3                   | 2656.2828      | 25.00            | -61.71         | -13.00         | 48.71          | Horizontal |
| 4                   | 4625.8313      | 51.50            | -62.78         | -13.00         | 49.78          | Horizontal |
| 5                   | 7482.6741      | 49.24            | -54.56         | -13.00         | 41.56          | Horizontal |
| 6                   | 8984.5992      | 47.42            | -53.23         | -13.00         | 40.23          | Horizontal |





## 7.2. Test Band = \_71 \_TM1

### 7.2.1. Test Channel = Low Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 1328.2164      | 37.25            | -52.81         | -13.00         | 39.81          | Vertical |
| 2                   | 1992.2496      | 36.64            | -51.69         | -13.00         | 38.69          | Vertical |
| 3                   | 2980.5990      | 22.34            | -63.27         | -13.00         | 50.27          | Vertical |
| 4                   | 5726.9863      | 49.85            | -59.76         | -13.00         | 46.76          | Vertical |
| 5                   | 7491.4246      | 48.79            | -54.92         | -13.00         | 41.92          | Vertical |
| 6                   | 9033.2517      | 47.82            | -52.80         | -13.00         | 39.80          | Vertical |



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### 7.3. Test Band = \_71 \_TM1

#### 7.3.1. Test Channel = Mid Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 1343.1172      | 31.79            | -58.21         | -13.00         | 45.21          | Horizontal |
| 2                   | 2014.8507      | 38.38            | -49.95         | -13.00         | 36.95          | Horizontal |
| 3                   | 2975.9988      | 22.02            | -63.61         | -13.00         | 50.61          | Horizontal |
| 4                   | 5699.3350      | 50.11            | -58.92         | -13.00         | 45.92          | Horizontal |
| 5                   | 7472.8736      | 48.80            | -55.10         | -13.00         | 42.10          | Horizontal |
| 6                   | 9044.4522      | 48.20            | -52.45         | -13.00         | 39.45          | Horizontal |



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#### 7.4. Test Band = \_71 \_TM1

##### 7.4.1. Test Channel = Mid Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 1343.2172      | 29.50            | -60.50         | -13.00         | 47.50          | Vertical |
| 2                   | 2014.9507      | 32.65            | -55.68         | -13.00         | 42.68          | Vertical |
| 3                   | 2880.3940      | 22.17            | -64.26         | -13.00         | 51.26          | Vertical |
| 4                   | 4591.1796      | 50.96            | -63.32         | -13.00         | 50.32          | Vertical |
| 5                   | 7488.9744      | 49.00            | -54.74         | -13.00         | 41.74          | Vertical |
| 6                   | 9039.9020      | 48.24            | -52.40         | -13.00         | 39.40          | Vertical |



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## 7.5. Test Band = \_71 \_TM1

### 7.5.1. Test Channel = High Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 2037.5519      | 38.51            | -49.79         | -13.00         | 36.79          | Horizontal |
| 2                   | 2835.4918      | 21.82            | -64.37         | -13.00         | 51.37          | Horizontal |
| 3                   | 3939.0970      | 51.95            | -64.98         | -13.00         | 51.98          | Horizontal |
| 4                   | 5692.3346      | 50.20            | -58.92         | -13.00         | 45.92          | Horizontal |
| 5                   | 7604.1302      | 47.49            | -56.07         | -13.00         | 43.07          | Horizontal |
| 6                   | 9018.2009      | 47.71            | -52.86         | -13.00         | 39.86          | Horizontal |



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## 7.6. Test Band = \_71\_ TM1

### 7.6.1. Test Channel = High Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 1358.1179      | 36.10            | -53.86         | -13.00         | 40.86          | Vertical |
| 2                   | 2037.2519      | 32.74            | -55.56         | -13.00         | 42.56          | Vertical |
| 3                   | 2974.4987      | 22.28            | -63.35         | -13.00         | 50.35          | Vertical |
| 4                   | 5699.6850      | 50.19            | -58.83         | -13.00         | 45.83          | Vertical |
| 5                   | 7473.2237      | 49.40            | -54.49         | -13.00         | 41.49          | Vertical |
| 6                   | 9602.7301      | 47.01            | -52.23         | -13.00         | 39.23          | Vertical |

#### Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.





## 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 |
| Band71  | 20MHz     | QPSK       | 133222  | 100RB#0      | VL            | NT               | -2.40          | -0.003566       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133222  | 100RB#0      | VN            | NT               | -1.30          | -0.001932       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133222  | 100RB#0      | VH            | NT               | -2.70          | -0.004012       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133322  | 100RB#0      | VL            | NT               | -1.80          | -0.002635       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133322  | 100RB#0      | VN            | NT               | -2.30          | -0.003367       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133322  | 100RB#0      | VH            | NT               | 0.20           | 0.000293        | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133372  | 100RB#0      | VL            | NT               | -1.60          | -0.002326       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133372  | 100RB#0      | VN            | NT               | -2.10          | -0.003052       | ±2.5        | PASS    |
| Band71  | 20MHz     | QPSK       | 133372  | 100RB#0      | VH            | NT               | -0.70          | -0.001017       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133222  | 100RB#0      | VL            | NT               | -2.50          | -0.003715       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133222  | 100RB#0      | VN            | NT               | -0.70          | -0.001040       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133222  | 100RB#0      | VH            | NT               | -0.40          | -0.000594       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133322  | 100RB#0      | VL            | NT               | -1.20          | -0.001757       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133322  | 100RB#0      | VN            | NT               | -0.70          | -0.001025       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133322  | 100RB#0      | VH            | NT               | -0.60          | -0.000878       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133372  | 100RB#0      | VL            | NT               | -1.50          | -0.002180       | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133372  | 100RB#0      | VN            | NT               | 0.30           | 0.000436        | ±2.5        | PASS    |
| Band71  | 20MHz     | 16QAM      | 133372  | 100RB#0      | VH            | NT               | -1.30          | -0.001890       | ±2.5        | PASS    |



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## 8.2. Frequency Vs Temperature

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | -30              | -2.80          | -0.004160       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | -20              | -0.80          | -0.001189       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | -10              | -1.00          | -0.001486       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | 0                | -1.50          | -0.002229       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | 10               | -1.80          | -0.002675       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | 20               | -2.40          | -0.003566       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | 30               | -2.40          | -0.003566       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | 40               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133222  | 100RB#0      | NV            | 50               | -0.10          | -0.000149       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | -30              | -1.10          | -0.001611       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | -20              | -0.60          | -0.000878       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | -10              | -1.10          | -0.001611       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | 0                | -1.90          | -0.002782       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | 10               | -1.80          | -0.002635       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | 20               | -2.00          | -0.002928       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | 30               | -2.40          | -0.003514       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | 40               | -0.60          | -0.000878       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133322  | 100RB#0      | NV            | 50               | -0.60          | -0.000878       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | -30              | -1.00          | -0.001453       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | -20              | -1.50          | -0.002180       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | -10              | -2.70          | -0.003924       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | 0                | -1.90          | -0.002762       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | 10               | -2.20          | -0.003198       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | 20               | -1.80          | -0.002616       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | 30               | -2.20          | -0.003198       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | 40               | -1.00          | -0.001453       | ±2.5        | PASS    |
| Band71      | 20MHz     | QPSK       | 133372  | 100RB#0      | NV            | 50               | -1.10          | -0.001599       | ±2.5        | PASS    |
| Band71      | 20MHz     | 16QAM      | 133222  | 100RB#0      | NV            | -30              | -1.00          | -0.001486       | ±2.5        | PASS    |
| Band71      | 20MHz     | 16QAM      | 133222  | 100RB#0      | NV            | -20              | -0.10          | -0.000149       | ±2.5        | PASS    |



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|        |       |       |        |         |    |     |       |           |      |      |
|--------|-------|-------|--------|---------|----|-----|-------|-----------|------|------|
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | -10 | -2.60 | -0.003863 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | 0   | -1.90 | -0.002823 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | 10  | -0.10 | -0.000149 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | 20  | -1.10 | -0.001634 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | 30  | -0.70 | -0.001040 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | 40  | -1.50 | -0.002229 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | NV | 50  | -0.90 | -0.001337 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | -30 | -1.00 | -0.001464 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | -20 | -0.30 | -0.000439 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | -10 | -0.10 | -0.000146 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | 0   | -0.90 | -0.001318 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | 10  | -1.10 | -0.001611 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | 20  | -1.60 | -0.002343 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | 30  | -1.70 | -0.002489 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | 40  | -0.10 | -0.000146 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | NV | 50  | -1.10 | -0.001611 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | -30 | -2.40 | -0.003488 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | -20 | -2.10 | -0.003052 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | -10 | -2.10 | -0.003052 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | 0   | -2.00 | -0.002907 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | 10  | -1.50 | -0.002180 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | 20  | -2.10 | -0.003052 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | 30  | -1.90 | -0.002762 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | 40  | -0.40 | -0.000581 | ±2.5 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | NV | 50  | -0.60 | -0.000872 | ±2.5 | PASS |

The End



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