



# Appendix B

## **E-UTRA Band 26 (824-849)**



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## 1 Effective (Isotropic) Radiated Power Output Data

Effective Radiated Power of Transmitter (ERP) for LTE BAND 26

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM1   | 1.4M           | LCH          | RB1#0   | 22.94          | 20.96     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 23.07          | 21.09     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 23.17          | 21.19     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 22.52          | 20.54     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 22.69          | 20.71     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 22.99          | 21.01     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 21.39          | 19.41     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.43          | 20.45     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 23.01          | 21.03     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 23.12          | 21.14     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 22.49          | 20.51     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 22.61          | 20.63     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 23.01          | 21.03     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 21.37          | 19.39     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.58          | 20.60     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 22.72          | 20.74     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 23.01          | 21.03     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 22.63          | 20.65     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 22.72          | 20.74     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 22.92          | 20.94     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 21.35          | 19.37     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM2   | 1.4M           | LCH          | RB1#0   | 21.96          | 19.98     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 21.97          | 19.99     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 21.98          | 20.00     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 22.09          | 20.11     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 21.86          | 19.88     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 22.03          | 20.05     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 20.23          | 18.25     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 21.91          | 19.93     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 21.59          | 19.61     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 21.91          | 19.93     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 22.15          | 20.17     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 21.94          | 19.96     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 22.16          | 20.18     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 20.48          | 18.50     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 21.71          | 19.73     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 21.61          | 19.63     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 21.68          | 19.70     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 22.03          | 20.05     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 22.03          | 20.05     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 21.91          | 19.93     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 20.43          | 18.45     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM3   | 1.4M           | LCH          | RB1#0   | 21.84          | 19.86     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 21.43          | 19.45     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 21.85          | 19.87     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 21.63          | 19.65     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 21.36          | 19.38     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 21.32          | 19.34     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 19.85          | 17.87     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 20.94          | 18.96     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 20.61          | 18.63     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 20.81          | 18.83     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 20.74          | 18.76     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 20.72          | 18.74     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 20.76          | 18.78     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 19.73          | 17.75     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 20.77          | 18.79     | 38.45       | PASS    |
|                |           |                |              | RB1#2   | 20.73          | 18.75     | 38.45       | PASS    |
|                |           |                |              | RB1#5   | 20.87          | 18.89     | 38.45       | PASS    |
|                |           |                |              | RB3#0   | 20.61          | 18.63     | 38.45       | PASS    |
|                |           |                |              | RB3#2   | 20.64          | 18.66     | 38.45       | PASS    |
|                |           |                |              | RB3#3   | 20.49          | 18.51     | 38.45       | PASS    |
|                |           |                |              | RB6#0   | 19.79          | 17.81     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM1   | 3M             | LCH          | RB1#0   | 22.98          | 21.00     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 22.96          | 20.98     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 22.94          | 20.96     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 21.51          | 19.53     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 21.44          | 19.46     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 21.49          | 19.51     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 21.56          | 19.58     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 23.01          | 21.03     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 23.05          | 21.07     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 23.02          | 21.04     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 21.54          | 19.56     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 21.43          | 19.45     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 21.49          | 19.51     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 21.52          | 19.54     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 23.01          | 21.03     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 23.02          | 21.04     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 22.97          | 20.99     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 21.53          | 19.55     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 21.53          | 19.55     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 21.56          | 19.58     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 21.55          | 19.57     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM2   | 3M             | LCH          | RB1#0   | 22.41          | 20.43     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 22.33          | 20.35     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 22.27          | 20.29     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 20.44          | 18.46     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 20.58          | 18.60     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 20.44          | 18.46     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 20.41          | 18.43     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.34          | 20.36     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 22.35          | 20.37     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 22.26          | 20.28     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 20.49          | 18.51     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 20.37          | 18.39     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 20.51          | 18.53     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 20.45          | 18.47     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.27          | 20.29     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 22.32          | 20.34     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 22.21          | 20.23     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 20.39          | 18.41     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 20.51          | 18.53     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 20.42          | 18.44     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 20.56          | 18.58     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM3   | 3M             | LCH          | RB1#0   | 20.84          | 18.86     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 20.33          | 18.35     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 20.69          | 18.71     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 19.67          | 17.69     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 19.57          | 17.59     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 19.64          | 17.66     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 19.65          | 17.67     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 20.78          | 18.8      | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 20.50          | 18.52     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 20.90          | 18.92     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 19.78          | 17.80     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 19.67          | 17.69     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 19.58          | 17.60     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 19.68          | 17.70     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 20.85          | 18.87     | 38.45       | PASS    |
|                |           |                |              | RB1#7   | 20.69          | 18.71     | 38.45       | PASS    |
|                |           |                |              | RB1#14  | 20.93          | 18.95     | 38.45       | PASS    |
|                |           |                |              | RB8#0   | 19.72          | 17.74     | 38.45       | PASS    |
|                |           |                |              | RB8#4   | 19.54          | 17.56     | 38.45       | PASS    |
|                |           |                |              | RB8#7   | 19.83          | 17.85     | 38.45       | PASS    |
|                |           |                |              | RB15#0  | 19.71          | 17.73     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM1   | 5M             | LCH          | RB1#0   | 23.14          | 21.16     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 23.14          | 21.16     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 23.09          | 21.11     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 21.63          | 19.65     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 21.57          | 19.59     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 21.56          | 19.58     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 21.54          | 19.56     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 23.06          | 21.08     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 23.04          | 21.06     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 23.04          | 21.06     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 21.62          | 19.64     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 21.48          | 19.50     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 21.58          | 19.60     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 21.54          | 19.56     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 23.03          | 21.05     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 22.97          | 20.99     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 22.98          | 21.00     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 21.68          | 19.70     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 21.54          | 19.56     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 21.64          | 19.66     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 21.59          | 19.61     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM2   | 5M             | LCH          | RB1#0   | 22.07          | 20.09     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 22.02          | 20.04     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 21.99          | 20.01     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 20.62          | 18.64     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 20.45          | 18.47     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 20.59          | 18.61     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.47          | 18.49     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.06          | 20.08     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 22.03          | 20.05     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 22.07          | 20.09     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 20.56          | 18.58     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 20.56          | 18.58     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.52          | 18.54     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.33          | 20.35     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 22.33          | 20.35     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 22.28          | 20.30     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 20.67          | 18.69     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 22.66          | 20.68     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 20.55          | 18.57     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.59          | 18.61     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM3   | 5M             | LCH          | RB1#0   | 21.09          | 19.11     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 20.94          | 18.96     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 20.87          | 18.89     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 19.71          | 17.73     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 19.88          | 17.90     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 19.67          | 17.69     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.56          | 17.58     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 20.96          | 18.98     | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 20.85          | 18.87     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 21.06          | 19.08     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 19.78          | 17.80     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 19.63          | 17.65     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 19.67          | 17.69     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.59          | 17.61     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 20.98          | 19        | 38.45       | PASS    |
|                |           |                |              | RB1#13  | 20.89          | 18.91     | 38.45       | PASS    |
|                |           |                |              | RB1#24  | 20.95          | 18.97     | 38.45       | PASS    |
|                |           |                |              | RB12#0  | 19.64          | 17.66     | 38.45       | PASS    |
|                |           |                |              | RB12#6  | 19.71          | 17.73     | 38.45       | PASS    |
|                |           |                |              | RB12#13 | 19.78          | 17.80     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.71          | 17.73     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM1   | 10M            | LCH          | RB1#0   | 23.01          | 21.03     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.59          | 20.61     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.95          | 20.97     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 21.67          | 19.69     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 21.54          | 19.56     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 21.52          | 19.54     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 21.55          | 19.57     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 23.11          | 21.13     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.84          | 20.86     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.96          | 20.98     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 21.59          | 19.61     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 21.47          | 19.49     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 21.58          | 19.6      | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 21.55          | 19.57     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 23.14          | 21.16     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.94          | 20.96     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 23.07          | 21.09     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 21.61          | 19.63     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 21.54          | 19.56     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 21.53          | 19.55     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 21.54          | 19.56     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM2   | 10M            | LCH          | RB1#0   | 22.24          | 20.26     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.12          | 20.14     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.18          | 20.20     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.57          | 18.59     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.58          | 18.60     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.32          | 20.34     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 21.78          | 19.8      | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.22          | 20.24     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.51          | 18.53     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.47          | 18.49     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.49          | 18.51     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.52          | 18.54     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.27          | 20.29     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.23          | 20.25     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.16          | 20.18     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 22.56          | 20.58     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.51          | 18.53     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.43          | 18.45     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.47          | 18.49     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM3   | 10M            | LCH          | RB1#0   | 20.93          | 18.95     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 20.55          | 18.57     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 20.85          | 18.87     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.70          | 17.72     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 19.71          | 17.73     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 19.74          | 17.76     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 19.72          | 17.74     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 20.92          | 18.94     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 20.69          | 18.71     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 20.87          | 18.89     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.74          | 17.76     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 19.70          | 17.72     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 19.70          | 17.72     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 19.61          | 17.63     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 20.91          | 18.93     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 20.21          | 18.23     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 20.91          | 18.93     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.68          | 17.70     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 19.65          | 17.67     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 19.76          | 17.78     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 19.68          | 17.70     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM1   | 15M            | LCH          | RB1#0   | 22.24          | 20.26     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.12          | 20.14     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.18          | 20.20     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.57          | 18.59     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.58          | 18.60     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.32          | 20.34     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 21.78          | 19.80     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.22          | 20.24     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.51          | 18.53     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.47          | 18.49     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.49          | 18.51     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.52          | 18.54     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.27          | 20.29     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.23          | 20.25     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.16          | 20.18     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 22.56          | 20.58     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.51          | 18.53     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.43          | 18.45     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.47          | 18.49     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM2   | 15M            | LCH          | RB1#0   | 22.18          | 20.20     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.17          | 20.19     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.07          | 20.09     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.56          | 18.58     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.57          | 18.59     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.56          | 18.58     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.12          | 20.14     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.15          | 20.17     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.11          | 20.13     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 20.65          | 18.67     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.54          | 18.56     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.56          | 18.58     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.52          | 18.54     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 21.56          | 19.58     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 22.29          | 20.31     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 22.31          | 20.33     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 22.18          | 20.20     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 20.59          | 18.61     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 20.55          | 18.57     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 20.48          | 18.50     | 38.45       | PASS    |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | ERP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
| BAND26         | LTE/TM3   | 15M            | LCH          | RB1#0   | 20.77          | 18.79     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 20.78          | 18.8      | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 20.72          | 18.74     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.65          | 17.67     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 19.64          | 17.66     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 19.71          | 17.73     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 19.65          | 17.67     | 38.45       | PASS    |
|                |           |                | MCH          | RB1#0   | 20.77          | 18.79     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 20.82          | 18.84     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 20.72          | 18.74     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.83          | 17.85     | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 19.66          | 17.68     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 19.69          | 17.71     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 19.66          | 17.68     | 38.45       | PASS    |
|                |           |                | HCH          | RB1#0   | 20.82          | 18.84     | 38.45       | PASS    |
|                |           |                |              | RB1#25  | 20.95          | 18.97     | 38.45       | PASS    |
|                |           |                |              | RB1#49  | 20.82          | 18.84     | 38.45       | PASS    |
|                |           |                |              | RB25#0  | 19.78          | 17.8      | 38.45       | PASS    |
|                |           |                |              | RB25#13 | 19.63          | 17.65     | 38.45       | PASS    |
|                |           |                |              | RB25#25 | 19.64          | 17.66     | 38.45       | PASS    |
|                |           |                |              | RB50#0  | 19.68          | 17.7      | 38.45       | PASS    |

Note:

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

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

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS



## 2 Peak-to-Average Ratio

### Part I - Test Results

| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
|-----------|-----------|--------------|--------------|------------|---------|
| Band 26   | TM1/15M   | LCH          | 5.28         | 13         | PASS    |
|           |           | MCH          | 5.77         | 13         | PASS    |
|           |           | HCH          | 5.48         | 13         | PASS    |
|           | TM2/15M   | LCH          | 6.41         | 13         | PASS    |
|           |           | MCH          | 6.58         | 13         | PASS    |
|           |           | HCH          | 6.67         | 13         | PASS    |
|           | TM3/15M   | LCH          | 6.20         | 13         | PASS    |
|           |           | MCH          | 6.32         | 13         | PASS    |
|           |           | HCH          | 6.35         | 13         | PASS    |



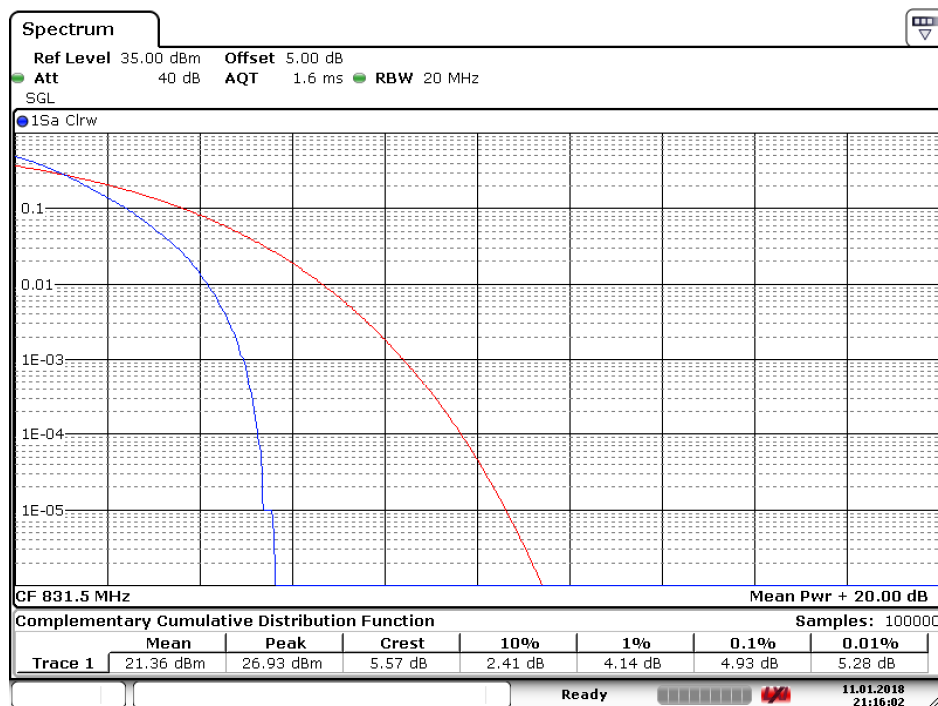
## Part II - Test Plots

### 2.1 For LTE

#### 2.1.1 Test Band = LTE band26

##### 2.1.1.1 Test Mode = LTE/TM1.Bandwidth=15MHz

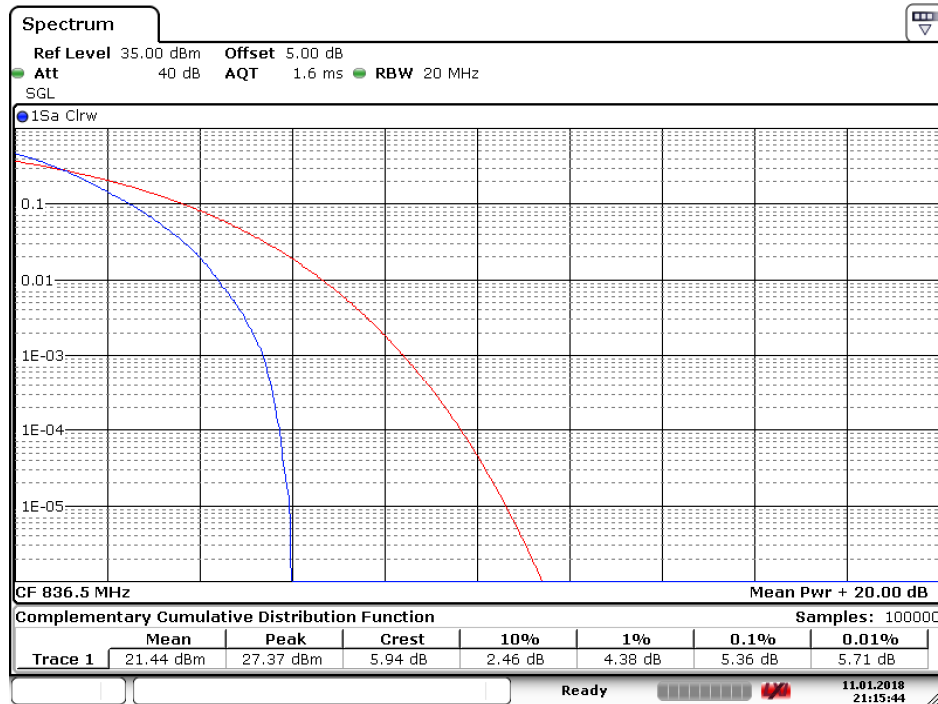
##### 2.1.1.1.1 Test Channel = LCH



Date: 11.JAN.2018 21:16:03

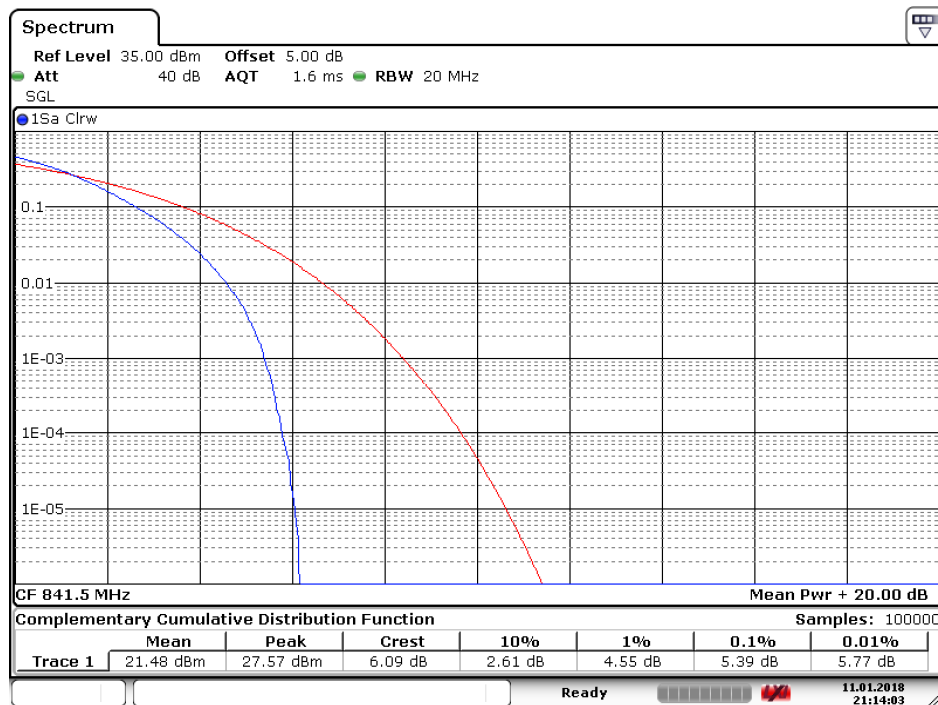


### 2.1.1.1.2 Test Channel = MCH



Date: 11.JAN.2018 21:15:44

### 2.1.1.1.3 Test Channel = HCH

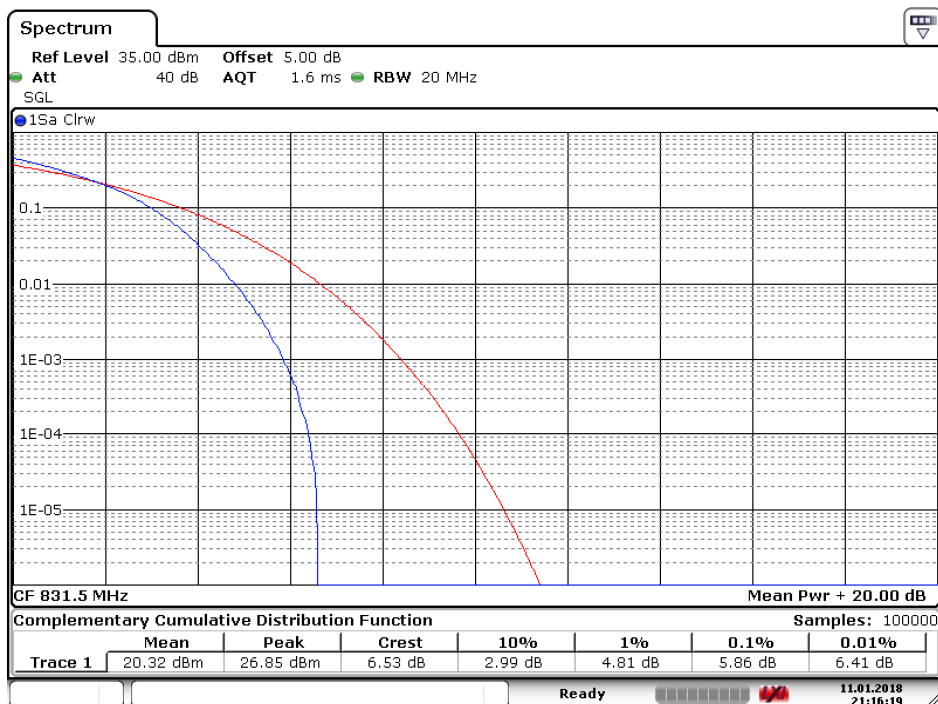


Date: 11.JAN.2018 21:14:03



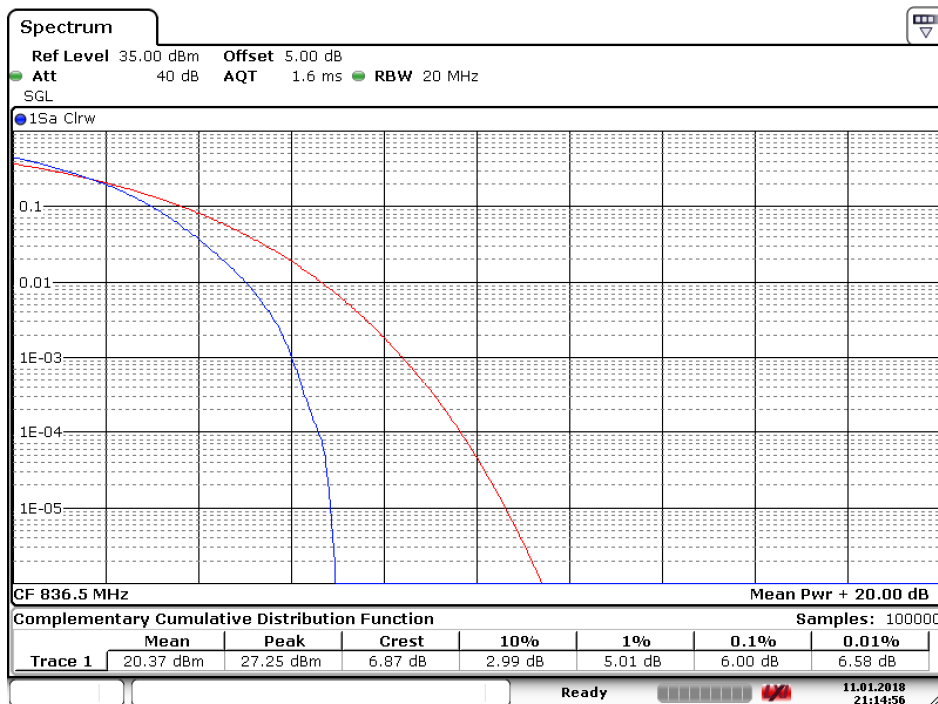
2.1.1.2 Test Mode = LTE/TM2.Bandwidth=15MHz

2.1.1.2.1 Test Channel = LCH



Date: 11.JAN.2018 21:16:19

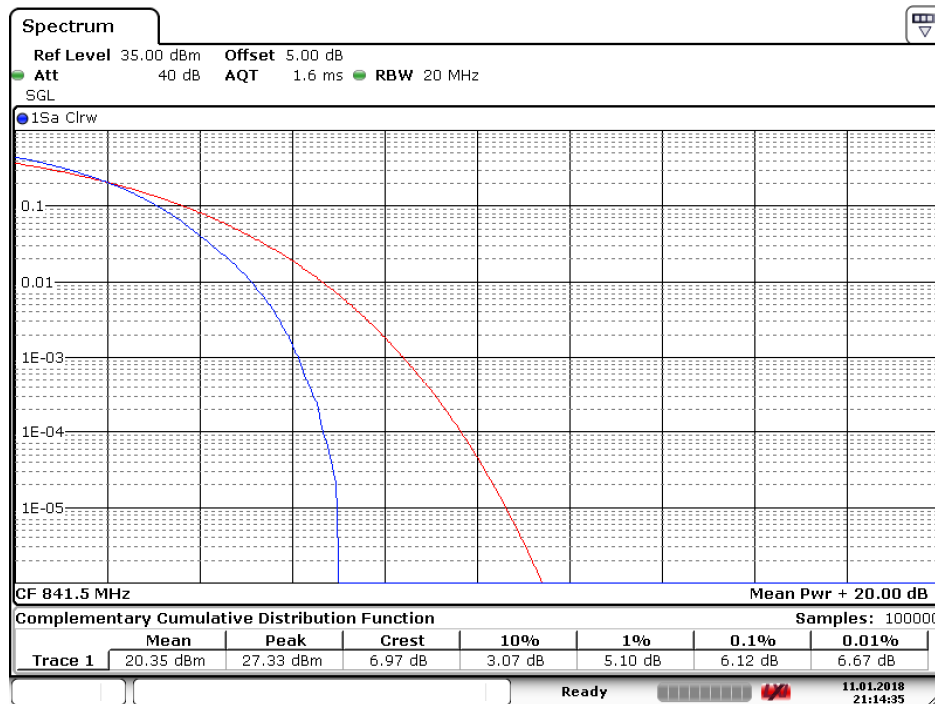
2.1.1.2.2 Test Channel = MCH



Date: 11.JAN.2018 21:14:56



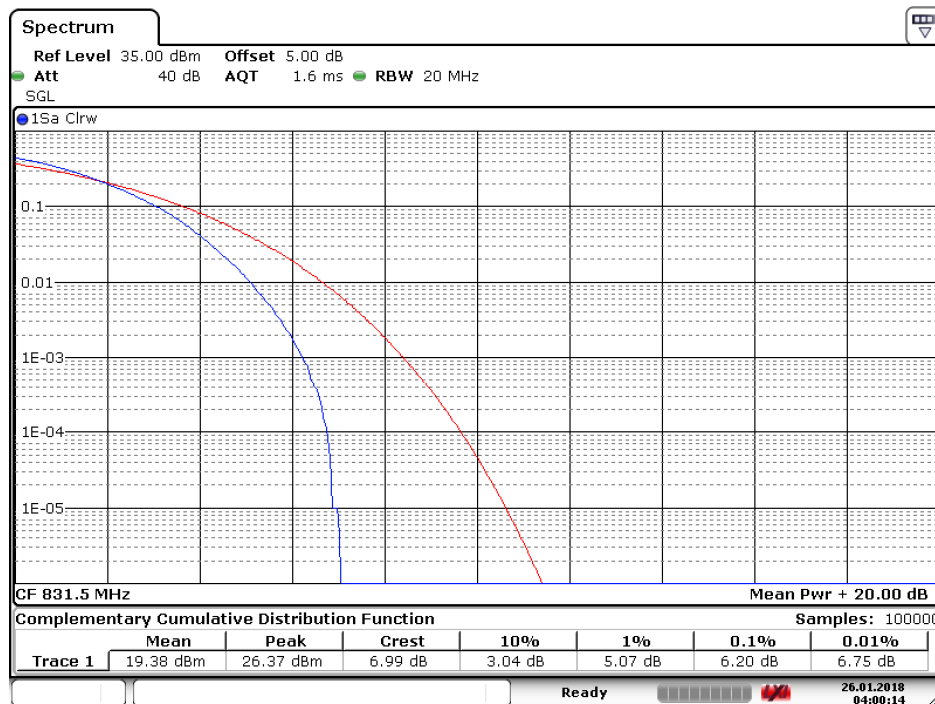
2.1.1.2.3 Test Channel = HCH



Date: 11.JAN.2018 21:14:36

2.1.1.3 Test Mode = LTE/TM3.Bandwidth=15MHz

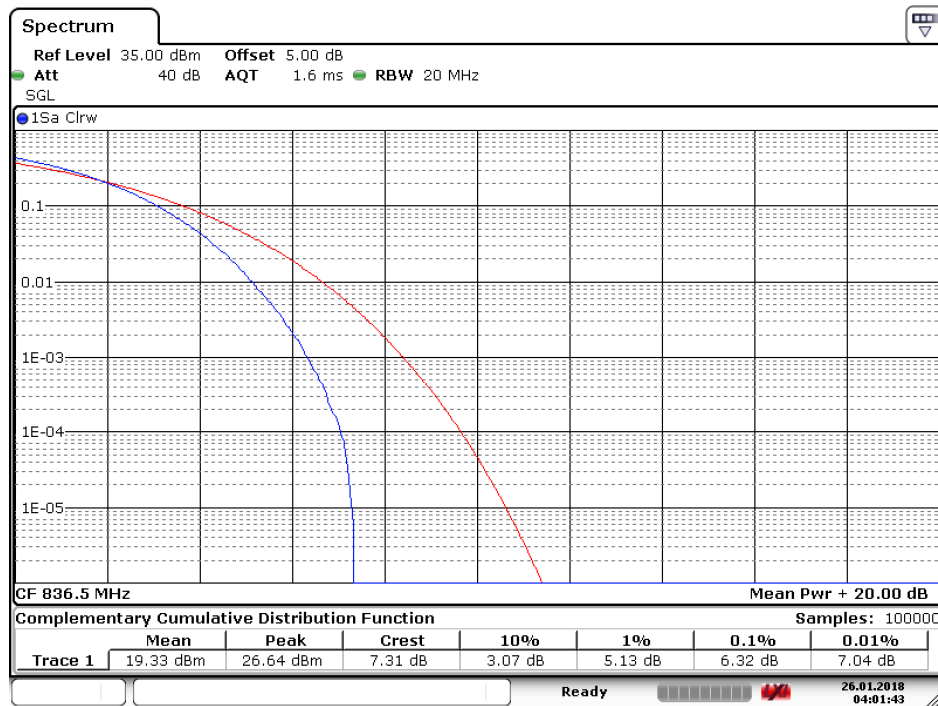
2.1.1.3.1 Test Channel = LCH



Date: 26.JAN.2018 04:00:15

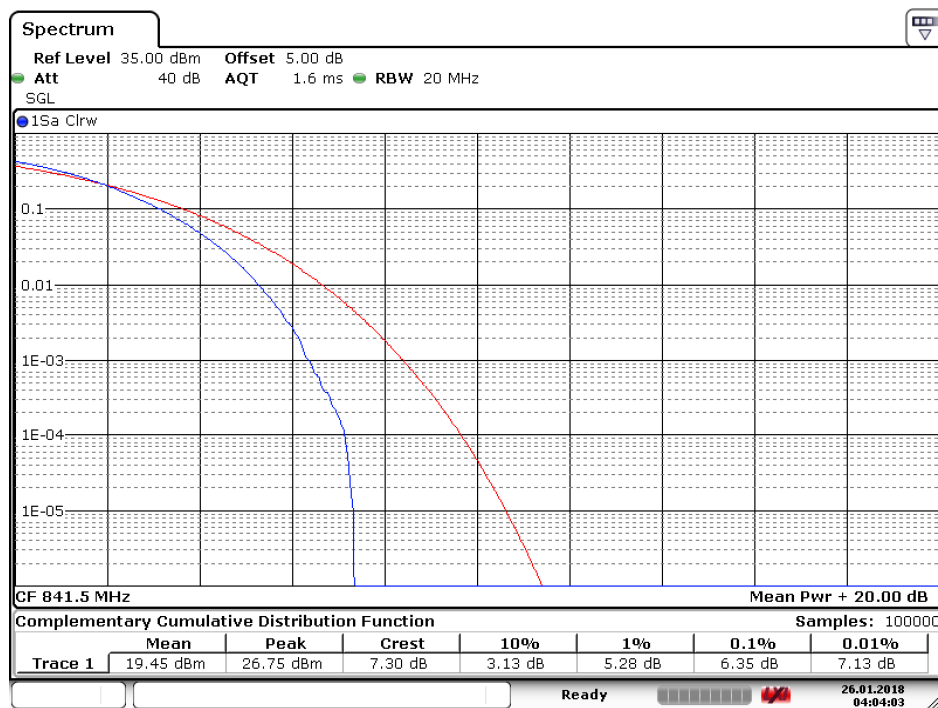


2.1.1.3.2 Test Channel = MCH



Date: 26.JAN.2018 04:01:44

2.1.1.3.3 Test Channel = HCH



Date: 26.JAN.2018 04:04:04

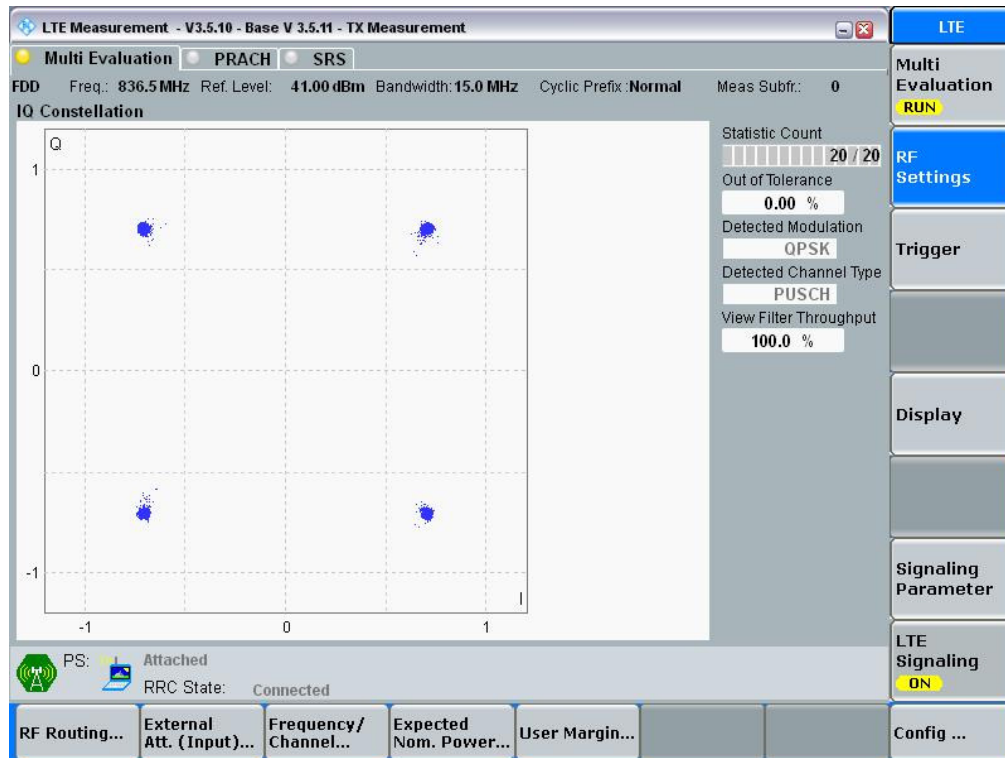
## 3 Modulation Characteristics

### 3.1 For LTE

#### 3.1.1 Test Band = LTE band26

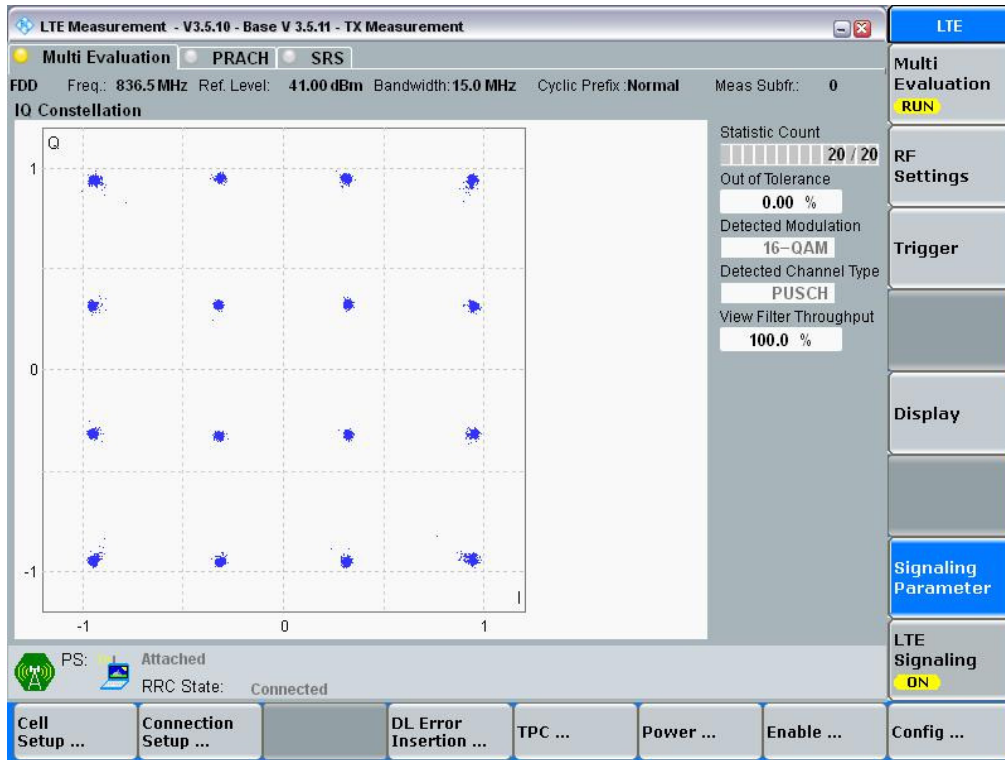
##### 3.1.1.1 Test Mode = LTE /TM1 15MHz

##### 3.1.1.1.1 Test Channel = MCH



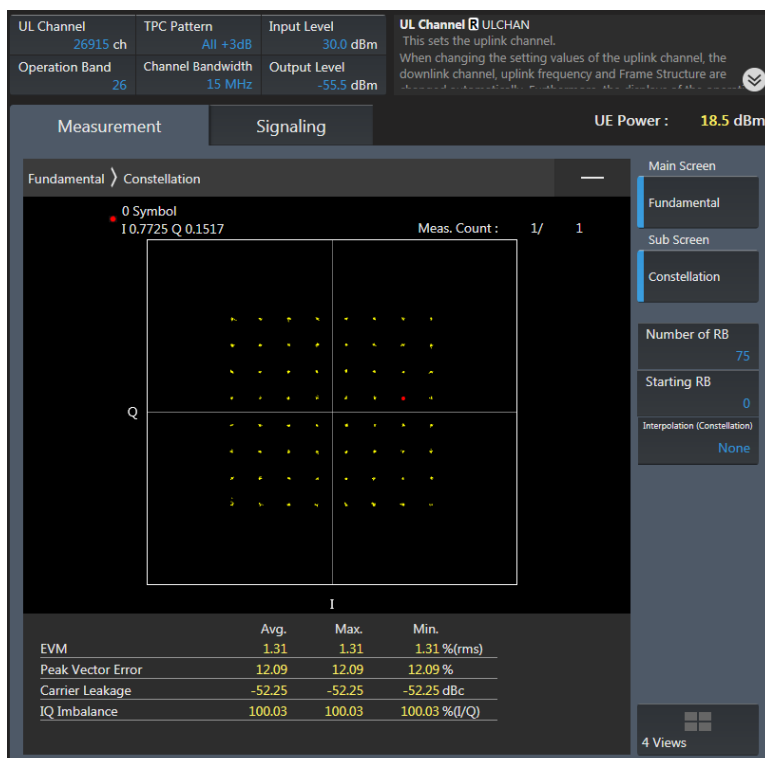
## 3.1.1.2 Test Mode = LTE /TM2 15Hz

### 3.1.1.2.1 Test Channel = MCH



## 3.1.1.3 Test Mode = LTE /TM3 15MHz

### 3.1.1.3.1 Test Channel = LCH





## 4 Bandwidth

### Part I - Test Results

| Test Band | Test Mode  | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
| Band 26   | TM1/1.4MHz | LCH          | 1.10                     | 1.25                     | PASS    |
|           |            | MCH          | 1.09                     | 1.24                     | PASS    |
|           |            | HCH          | 1.10                     | 1.25                     | PASS    |
|           | TM2/1.4MHz | LCH          | 1.10                     | 1.25                     | PASS    |
|           |            | MCH          | 1.11                     | 1.24                     | PASS    |
|           |            | HCH          | 1.10                     | 1.23                     | PASS    |
|           | TM3/1.4MHz | LCH          | 1.10                     | 1.25                     | PASS    |
|           |            | MCH          | 1.10                     | 1.25                     | PASS    |
|           |            | HCH          | 1.10                     | 1.25                     | PASS    |
|           | TM1/ 3MHz  | LCH          | 2.69                     | 2.90                     | PASS    |
|           |            | MCH          | 2.69                     | 2.91                     | PASS    |
|           |            | HCH          | 2.68                     | 2.92                     | PASS    |
|           | TM2/3MHz   | LCH          | 2.69                     | 2.93                     | PASS    |
|           |            | MCH          | 2.69                     | 2.93                     | PASS    |
|           |            | HCH          | 2.68                     | 2.93                     | PASS    |
|           | TM3/3MHz   | LCH          | 2.68                     | 2.91                     | PASS    |
|           |            | MCH          | 2.68                     | 2.90                     | PASS    |
|           |            | HCH          | 2.68                     | 2.91                     | PASS    |
|           | TM1/ 5MHz  | LCH          | 4.48                     | 4.90                     | PASS    |
|           |            | MCH          | 4.48                     | 4.88                     | PASS    |
|           |            | HCH          | 4.47                     | 4.88                     | PASS    |
|           | TM2/ 5MHz  | LCH          | 4.48                     | 4.89                     | PASS    |
|           |            | MCH          | 4.49                     | 4.89                     | PASS    |
|           |            | HCH          | 4.48                     | 4.89                     | PASS    |
|           | TM3/ 5MHz  | LCH          | 4.48                     | 4.86                     | PASS    |
|           |            | MCH          | 4.48                     | 4.87                     | PASS    |
|           |            | HCH          | 4.47                     | 4.87                     | PASS    |
|           | TM1/10MHz  | LCH          | 8.93                     | 9.57                     | PASS    |
|           |            | MCH          | 8.93                     | 9.67                     | PASS    |
|           |            | HCH          | 8.93                     | 9.67                     | PASS    |
|           | TM2/ 10MHz | LCH          | 8.91                     | 9.71                     | PASS    |
|           |            | MCH          | 8.95                     | 9.73                     | PASS    |
|           |            | HCH          | 8.93                     | 9.67                     | PASS    |

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| Test Band | Test Mode  | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
|           | TM2/ 10MHz | LCH          | 8.91                     | 9.59                     | PASS    |
|           |            | MCH          | 8.93                     | 9.75                     | PASS    |
|           |            | HCH          | 8.93                     | 9.69                     | PASS    |
|           | TM1/15MHz  | LCH          | 13.37                    | 14.78                    | PASS    |
|           |            | MCH          | 13.55                    | 14.96                    | PASS    |
|           |            | HCH          | 13.55                    | 14.99                    | PASS    |
|           | TM2/ 15MHz | LCH          | 13.40                    | 14.81                    | PASS    |
|           |            | MCH          | 13.55                    | 14.96                    | PASS    |
|           |            | HCH          | 13.55                    | 14.96                    | PASS    |
|           | TM3/ 15MHz | LCH          | 13.40                    | 14.75                    | PASS    |
|           |            | MCH          | 13.58                    | 15.02                    | PASS    |
|           |            | HCH          | 13.58                    | 15.05                    | PASS    |

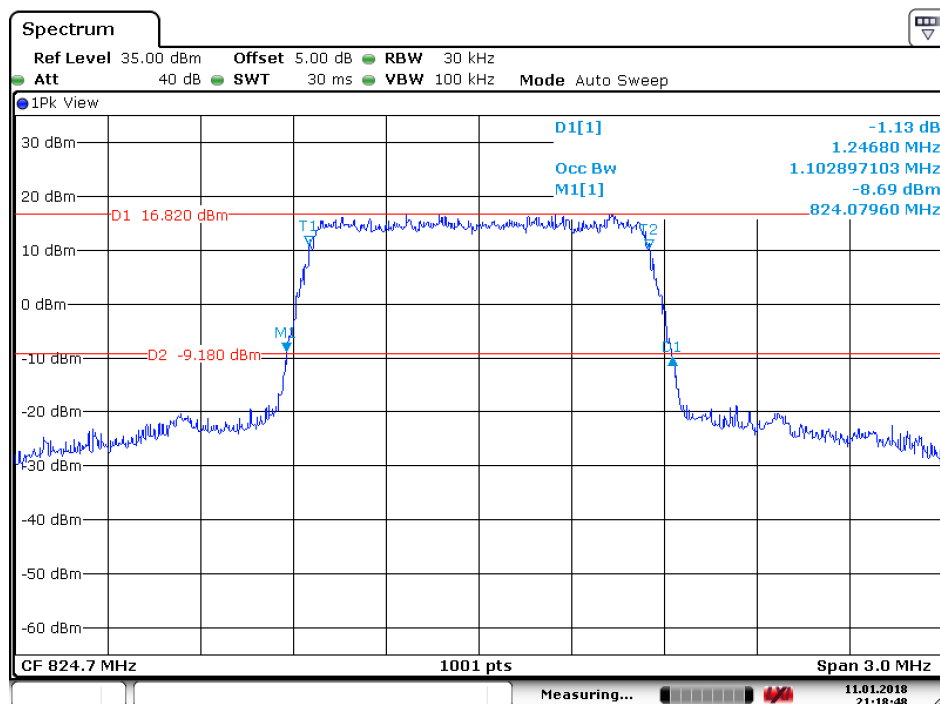
## Part II –Test Plots

### 4.1 For LTE

#### 4.1.1 Test Band = LTE band26

##### 4.1.1.1 Test Mode = LTE/TM1 1.4MHz

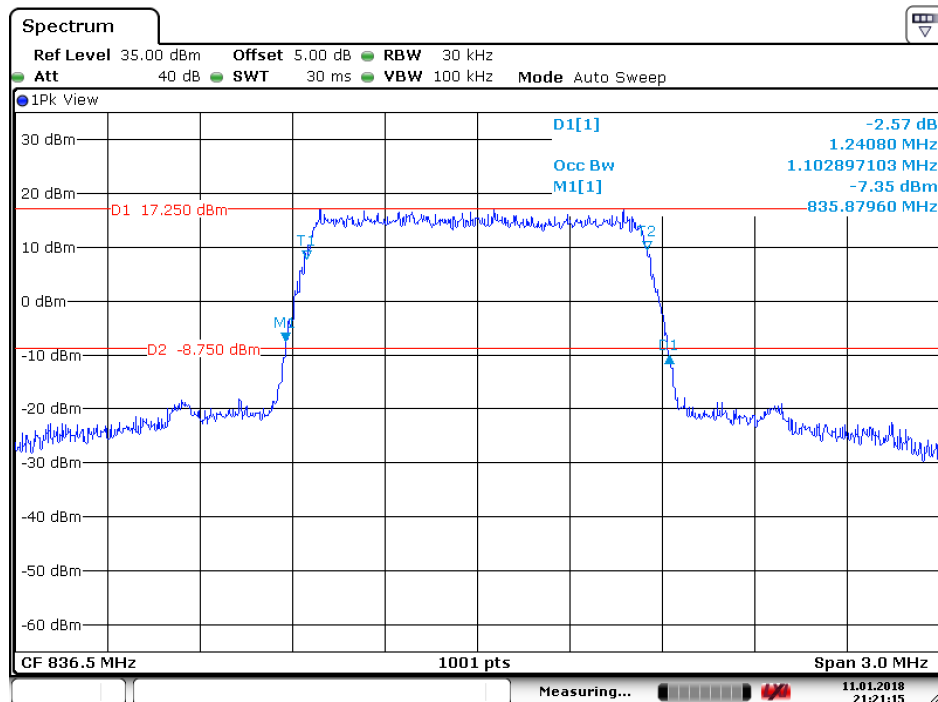
##### 4.1.1.1.1 Test Channel = LCH



Date: 11.JAN.2018 21:18:49

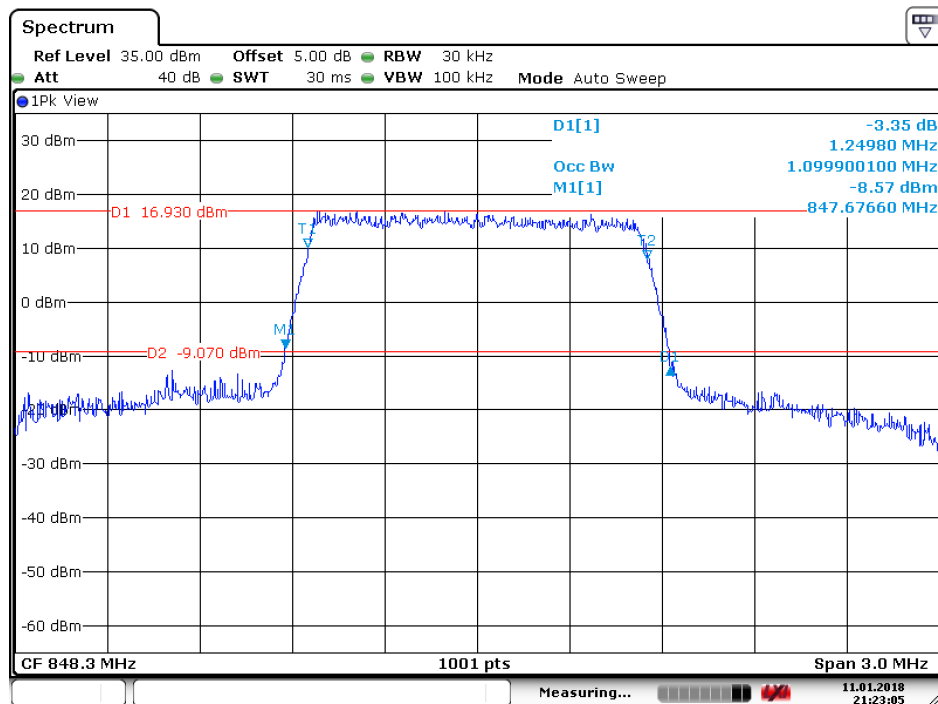


#### 4.1.1.1.2 Test Channel = MCH



Date: 11.JAN.2018 21:21:16

#### 4.1.1.1.3 Test Channel = HCH

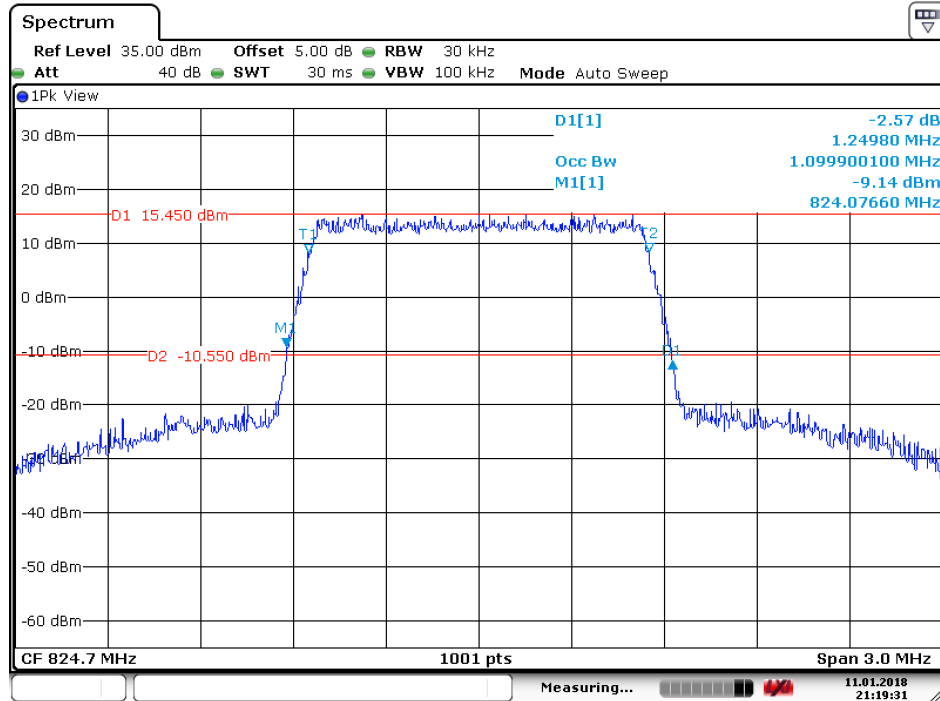


Date: 11.JAN.2018 21:23:06



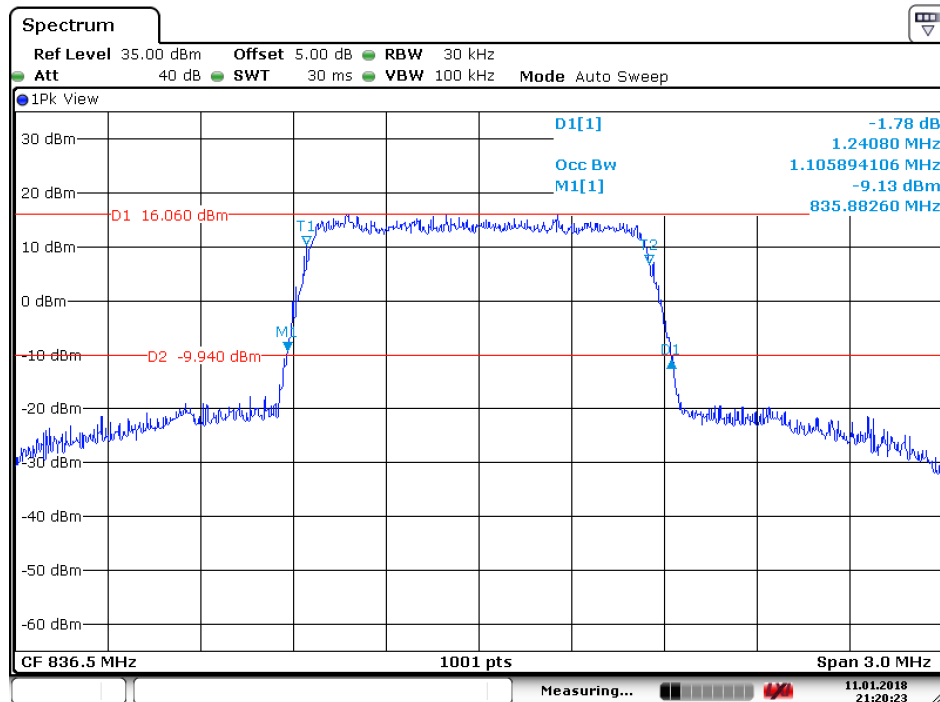
#### 4.1.1.2 Test Mode = LTE/TM2 1.4MHz

##### 4.1.1.2.1 Test Channel = LCH



Date: 11.JAN.2018 21:19:32

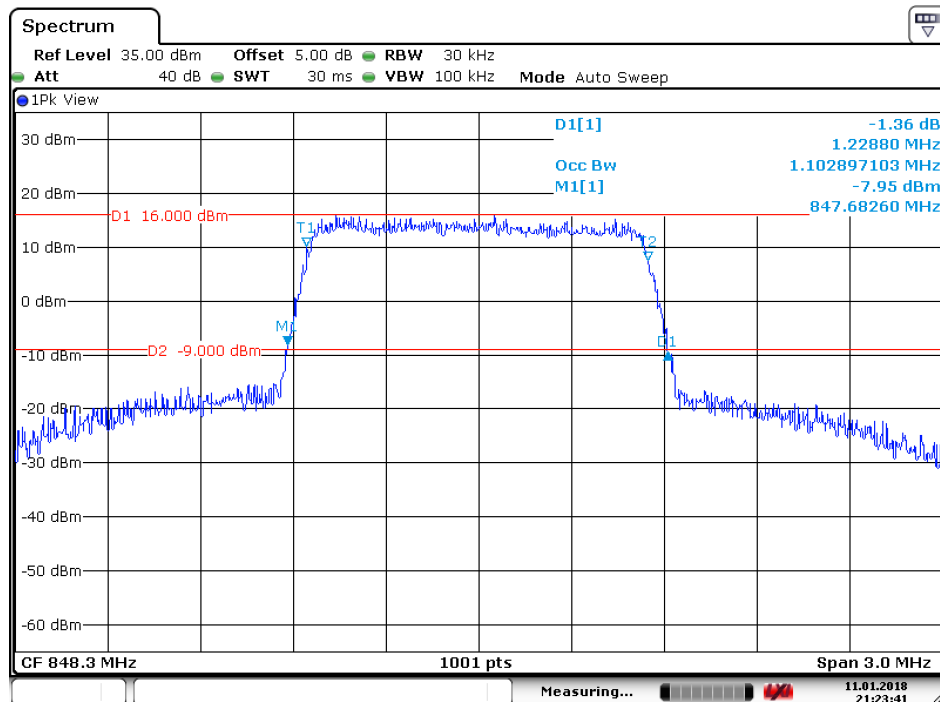
##### 4.1.1.2.2 Test Channel = MCH



Date: 11.JAN.2018 21:20:24



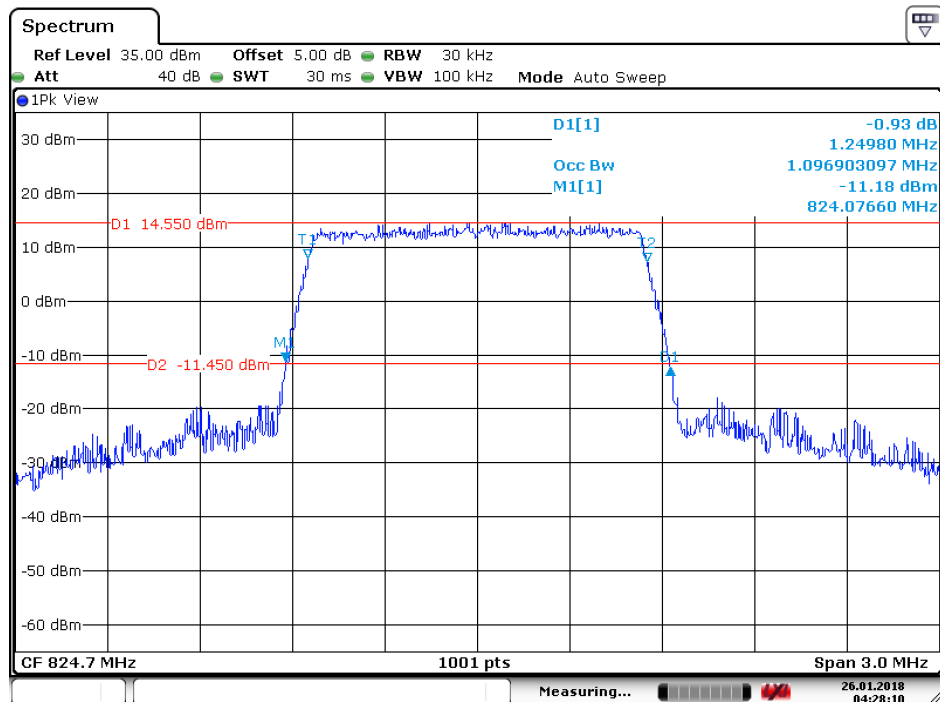
#### 4.1.1.2.3 Test Channel = HCH



Date: 11.JAN.2018 21:23:42

#### 4.1.1.3 Test Mode = LTE/TM3 1.4MHz

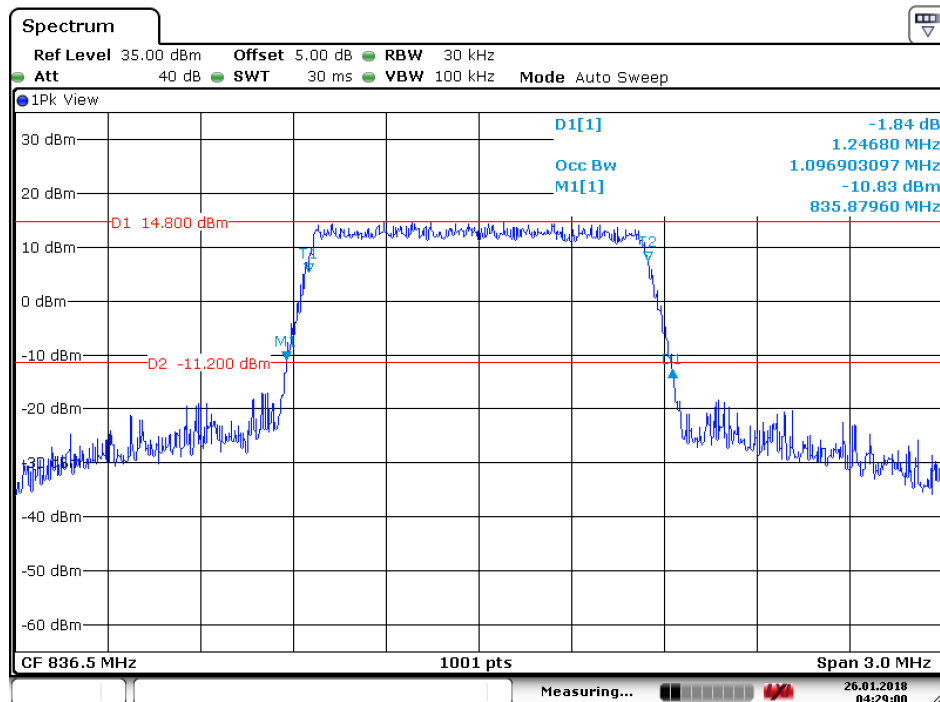
##### 4.1.1.3.1 Test Channel = LCH



Date: 26.JAN.2018 04:28:10

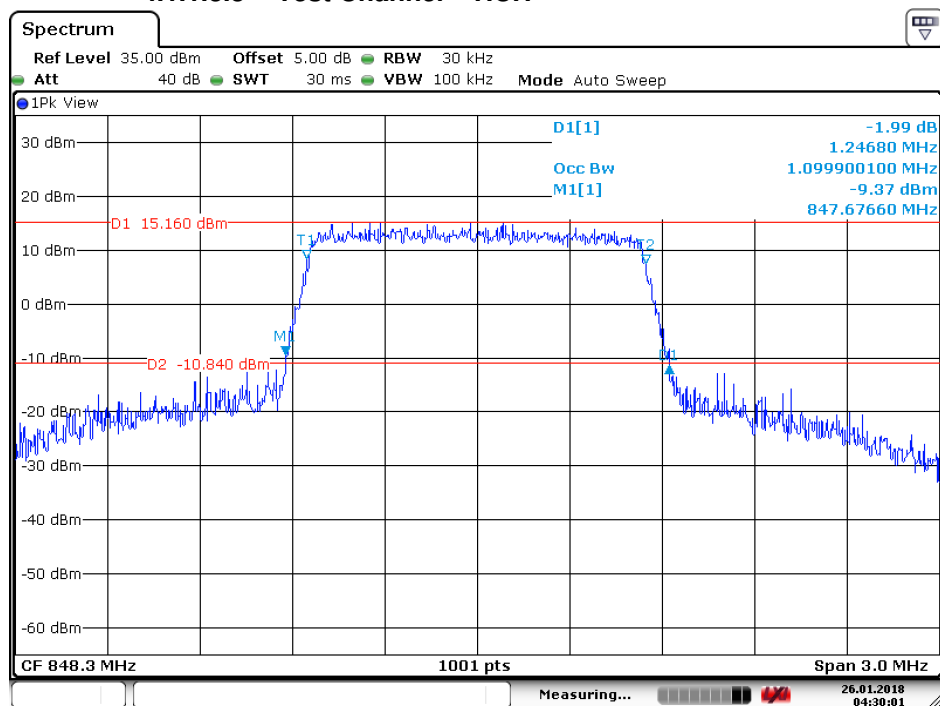


#### 4.1.1.3.2 Test Channel = MCH



Date: 26.JAN.2018 04:29:01

#### 4.1.1.3.3 Test Channel = HCH

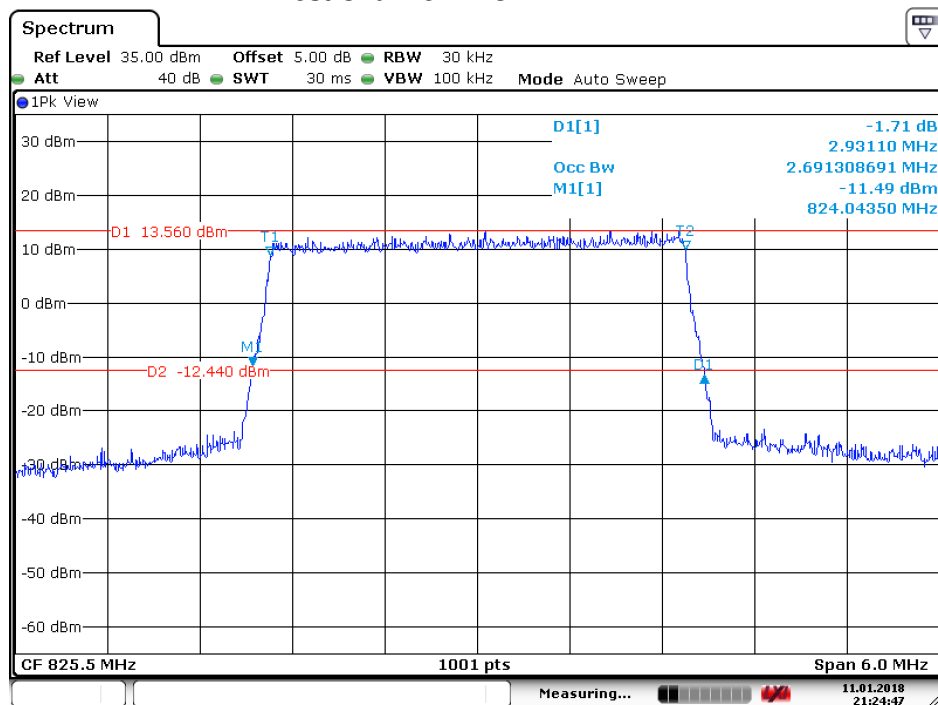


Date: 26.JAN.2018 04:30:01



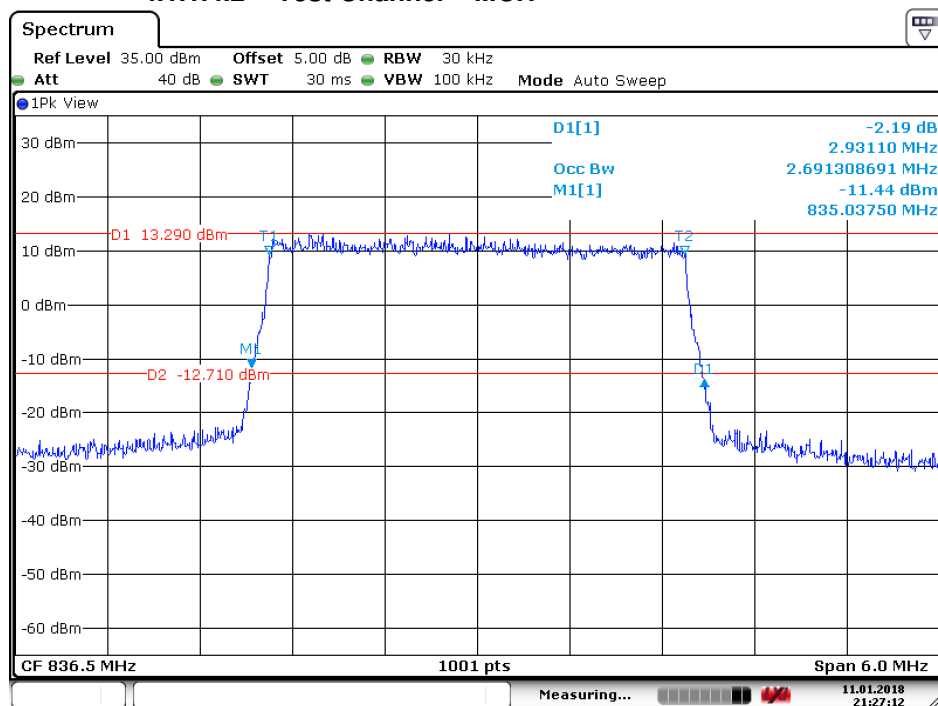
#### 4.1.1.4 Test Mode = LTE/TM1 3MHz

##### 4.1.1.4.1 Test Channel = LCH



Date: 11.JAN.2018 21:24:47

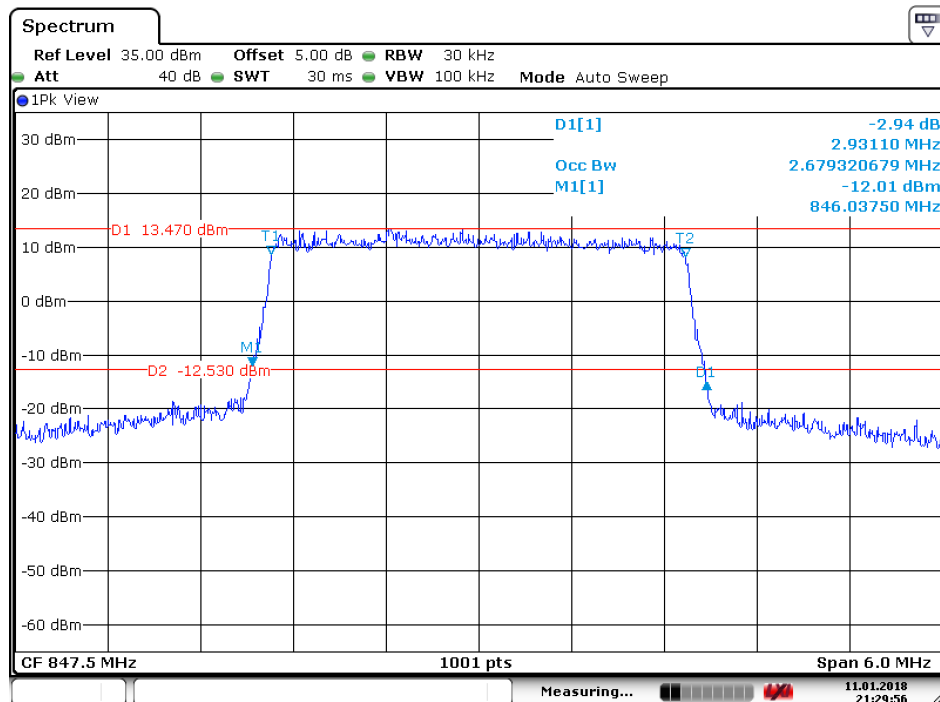
##### 4.1.1.4.2 Test Channel = MCH



Date: 11.JAN.2018 21:27:12



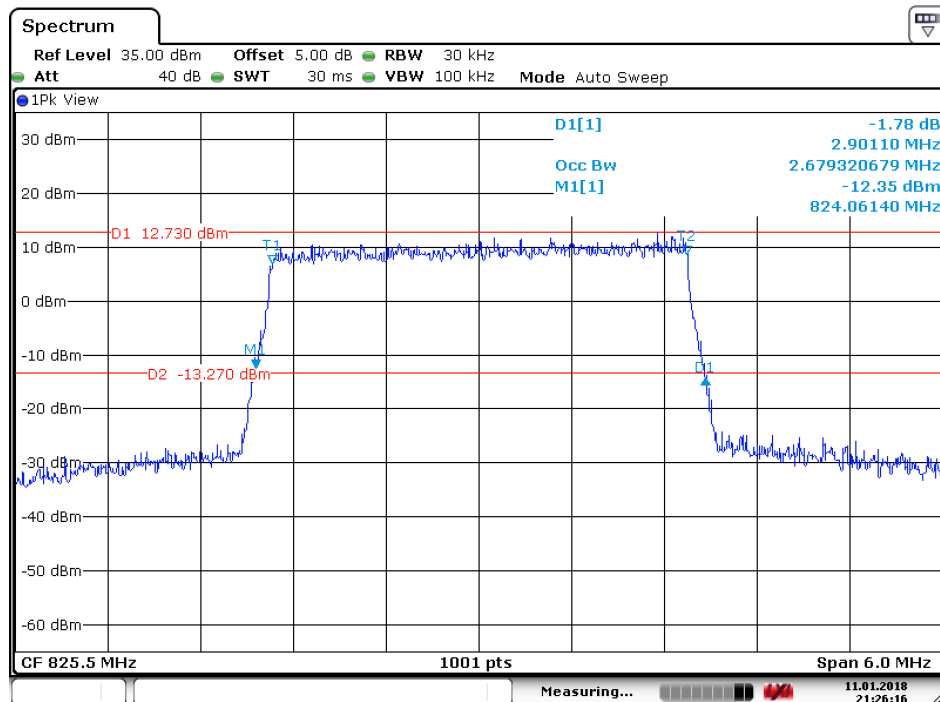
#### 4.1.1.4.3 Test Channel = HCH



Date: 11.JAN.2018 21:29:56

#### 4.1.1.5 Test Mode = LTE/TM2 3MHz

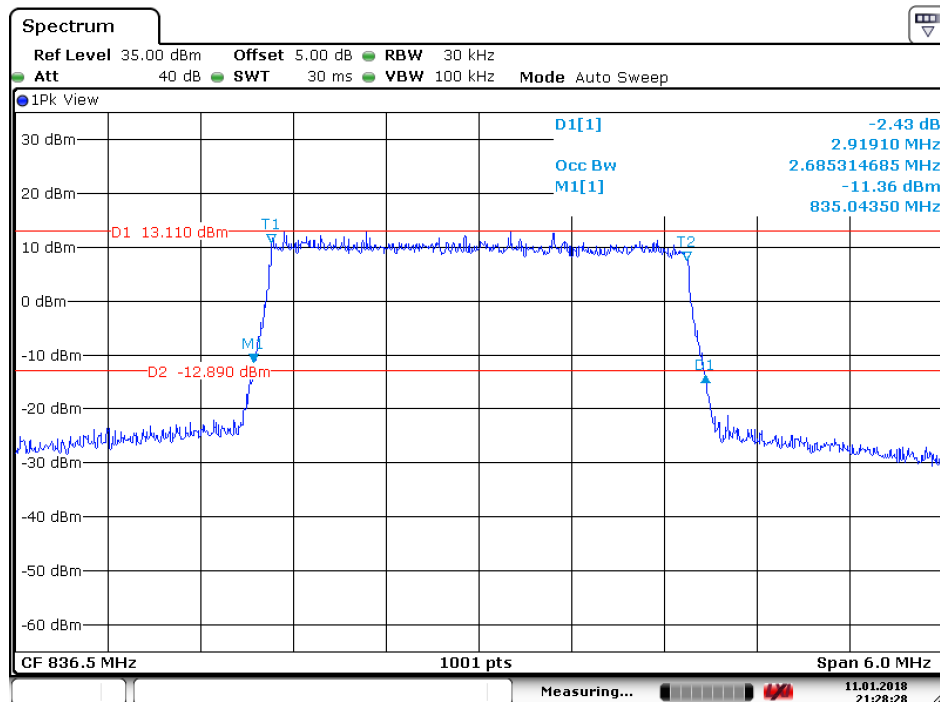
##### 4.1.1.5.1 Test Channel = LCH



Date: 11.JAN.2018 21:26:16

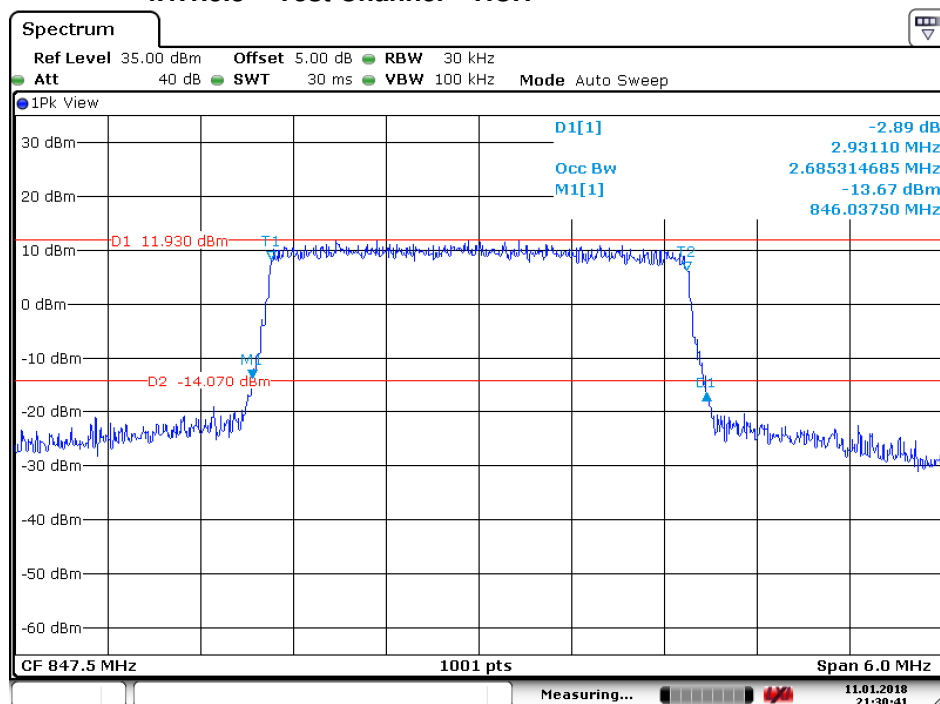


#### 4.1.1.5.2 Test Channel = MCH



Date: 11.JAN.2018 21:28:29

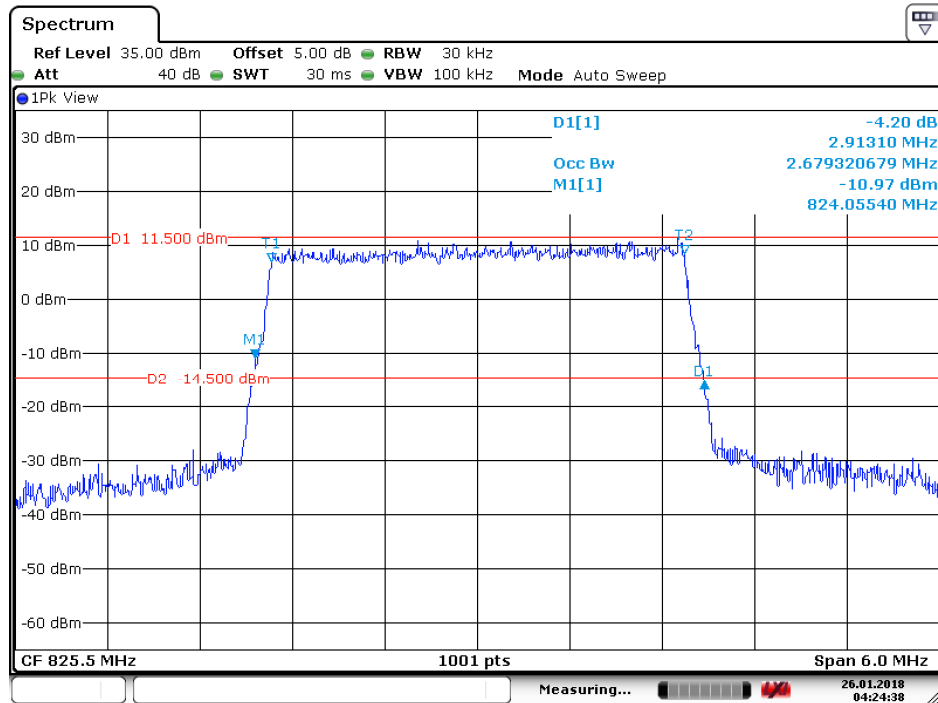
#### 4.1.1.5.3 Test Channel = HCH



Date: 11.JAN.2018 21:30:40

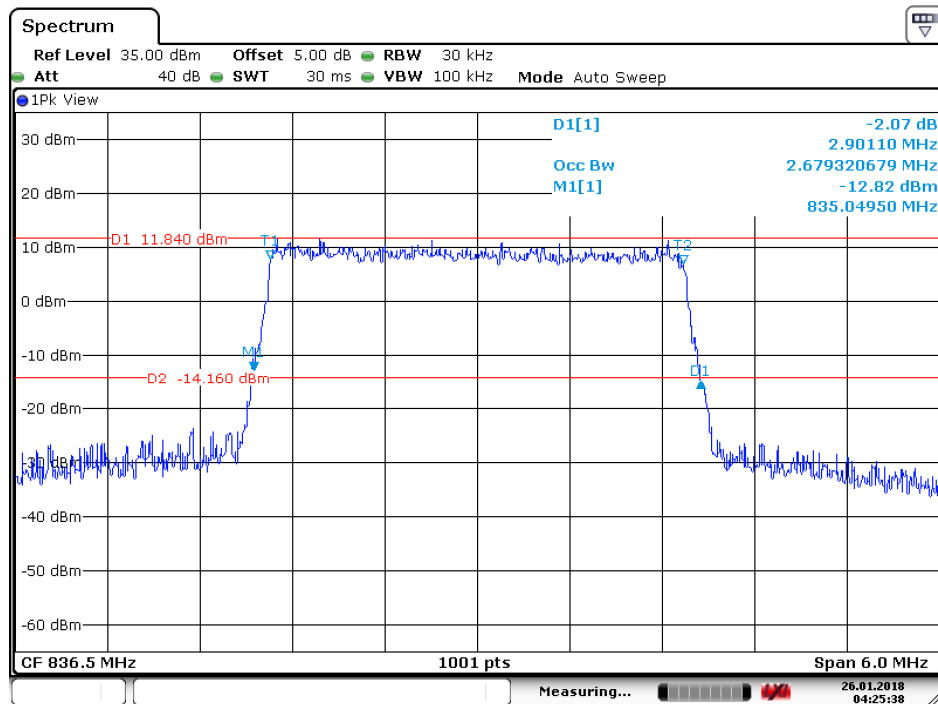
#### 4.1.1.6 Test Mode = LTE/TM3 3MHz

#### 4.1.1.6.1 Test Channel = LCH



Date: 26.JAN.2018 04:24:39

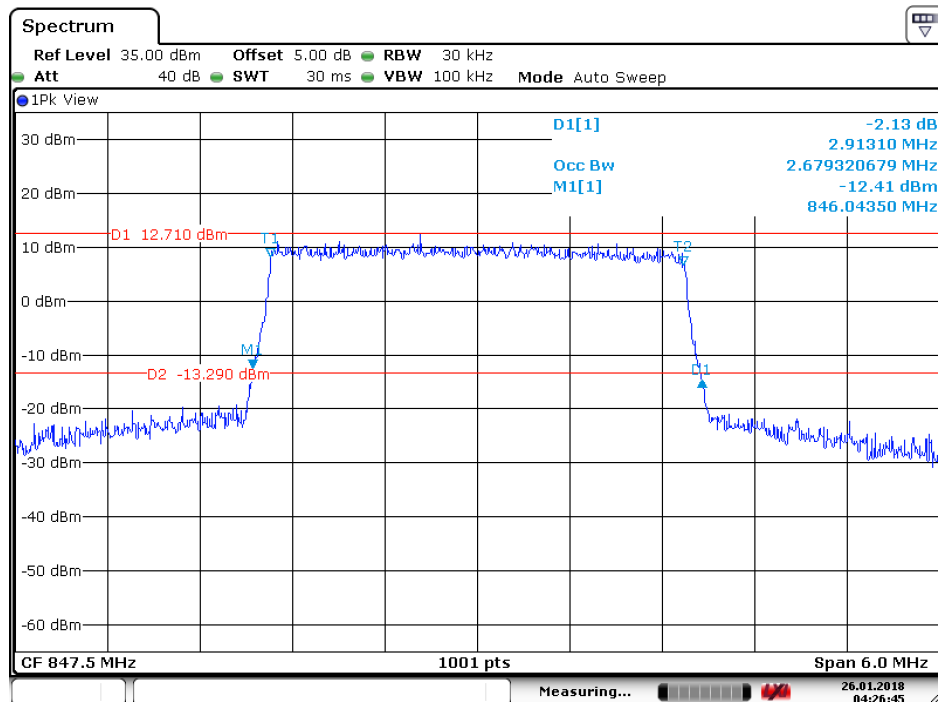
#### 4.1.1.6.2 Test Channel = MCH



Date: 26.JAN.2018 04:25:39



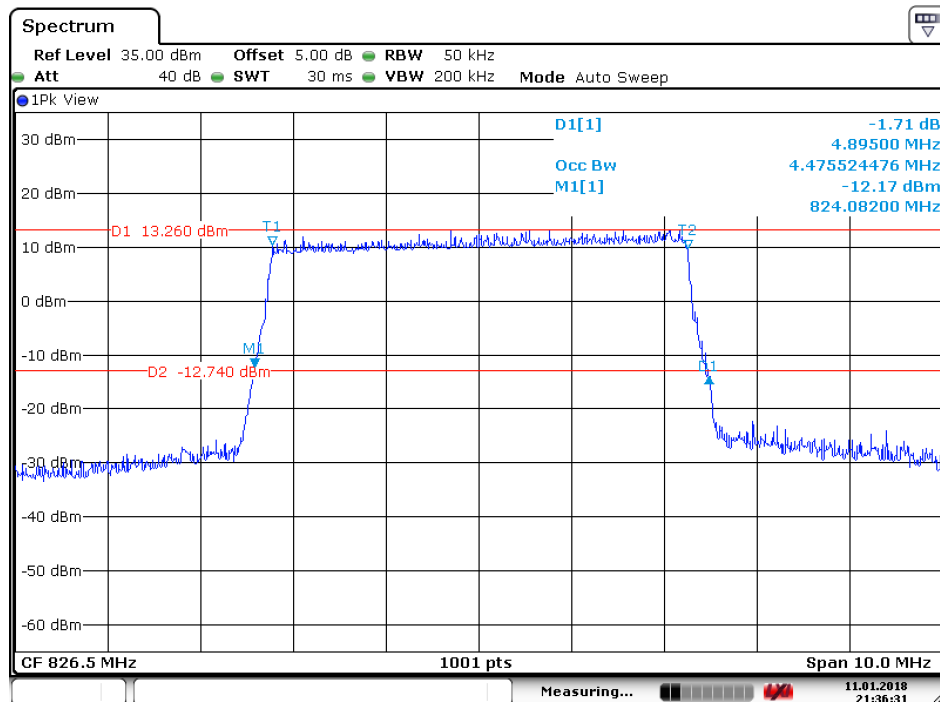
#### 4.1.1.6.3 Test Channel = HCH



Date: 26.JAN.2018 04:26:45

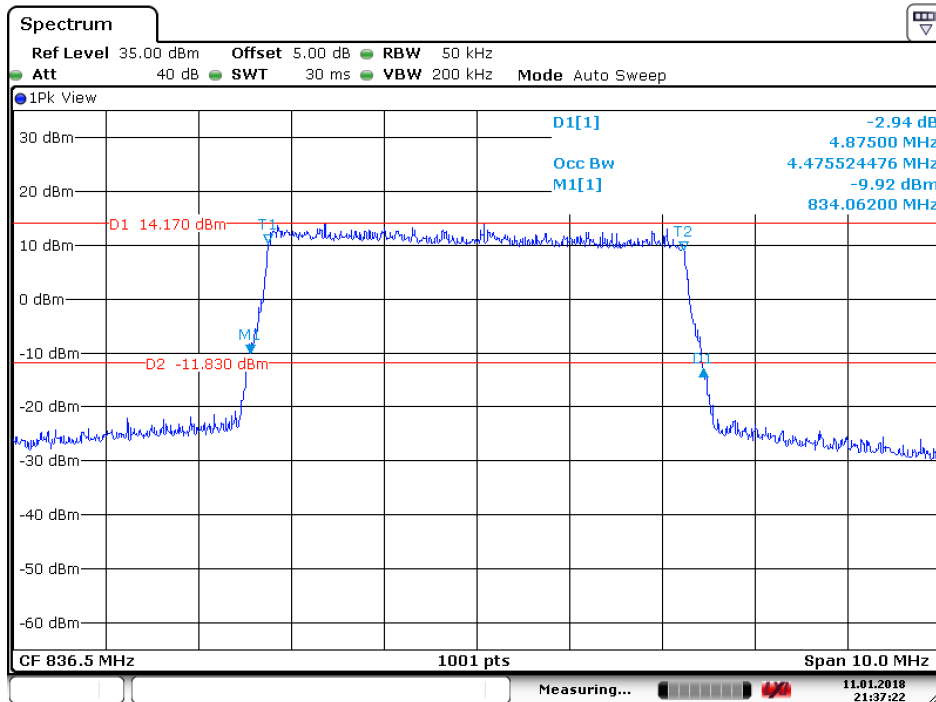
#### 4.1.1.7 Test Mode = LTE/TM1 5MHz

##### 4.1.1.7.1 Test Channel = LCH



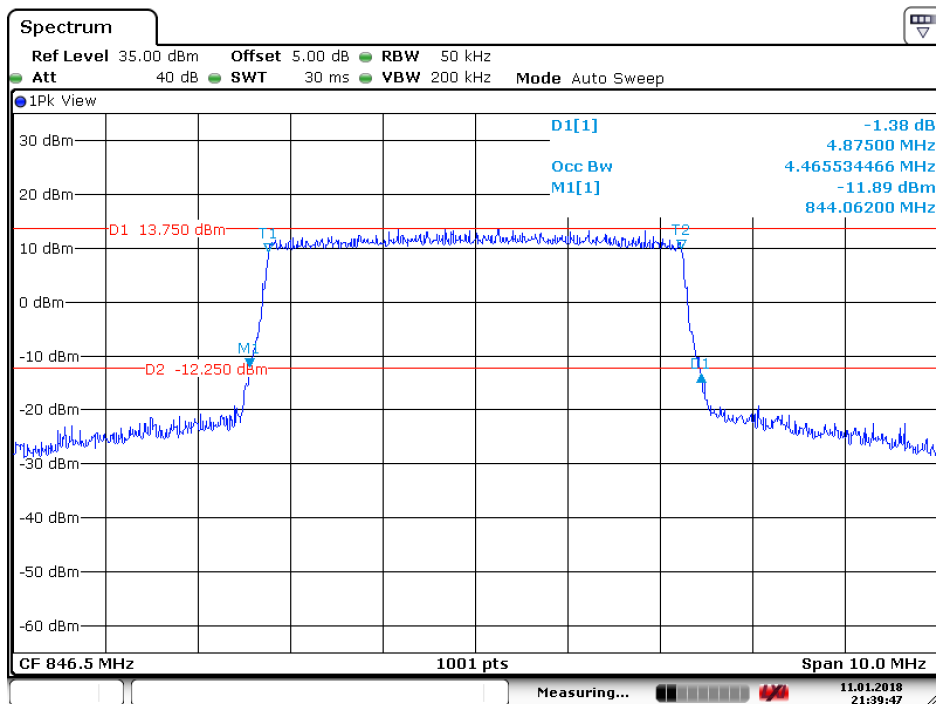
Date: 11.JAN.2018 21:36:32

#### 4.1.1.7.2 Test Channel = MCH



Date: 11.JAN.2018 21:37:22

#### 4.1.1.7.3 Test Channel = HCH

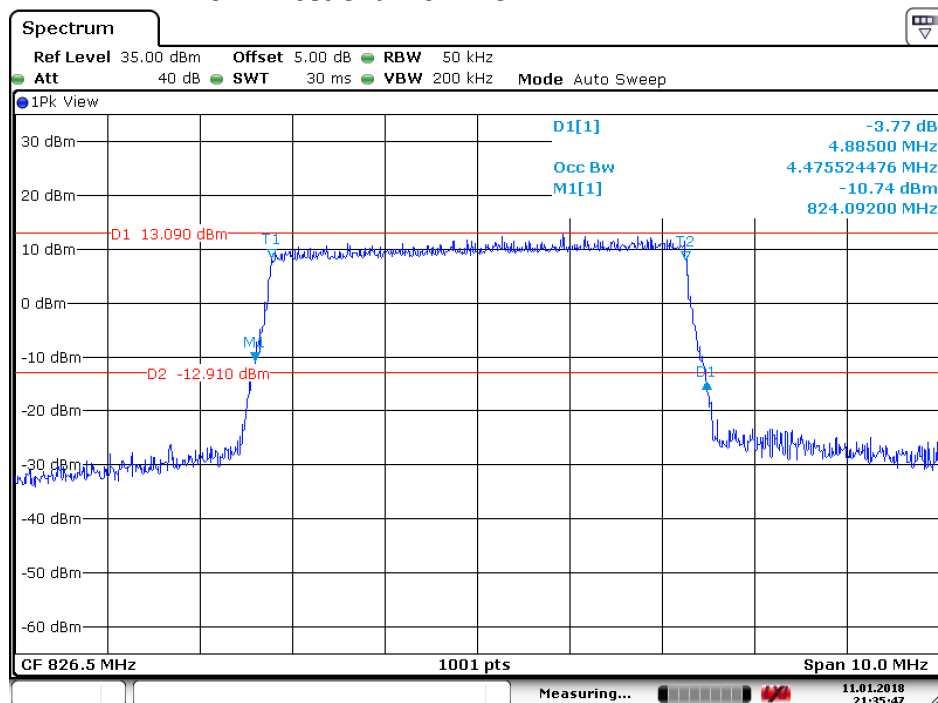


Date: 11.JAN.2018 21:39:47



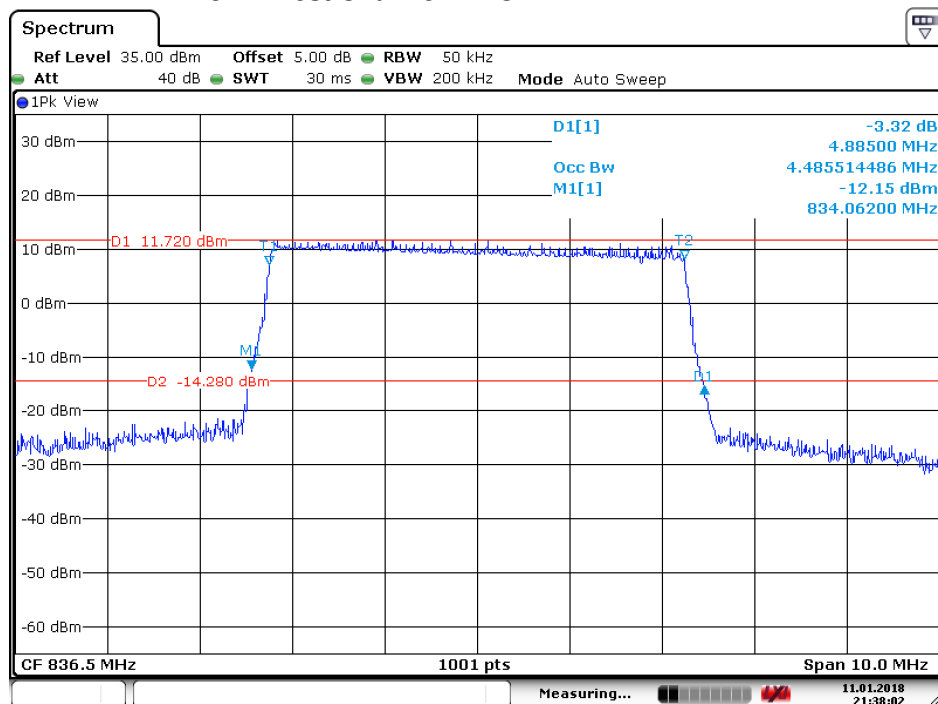
#### 4.1.1.8 Test Mode = LTE/TM2 5MHz

##### 4.1.1.8.1 Test Channel = LCH



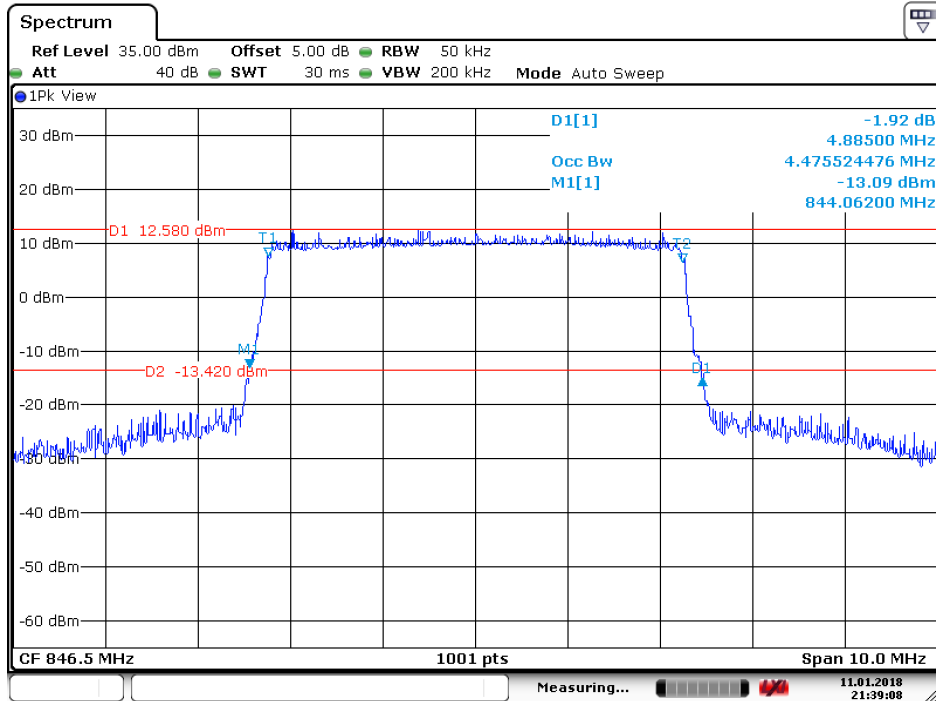
Date: 11.JAN.2018 21:35:47

##### 4.1.1.8.2 Test Channel = MCH



Date: 11.JAN.2018 21:38:02

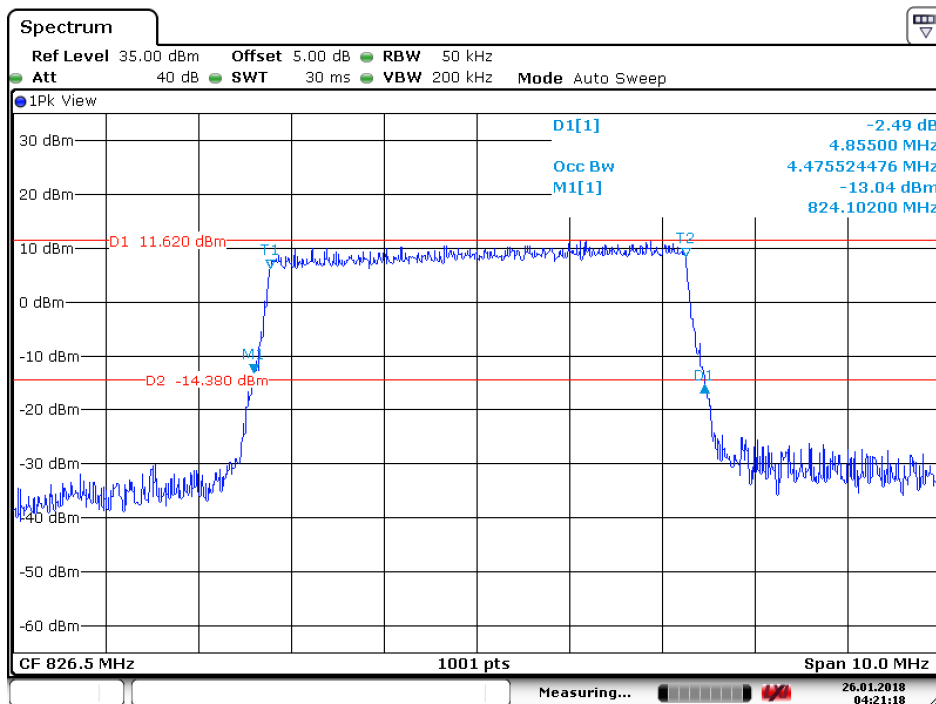
#### 4.1.1.8.3 Test Channel = HCH



Date: 11.JAN.2018 21:39:08

#### 4.1.1.9 Test Mode = LTE/TM3 5MHz

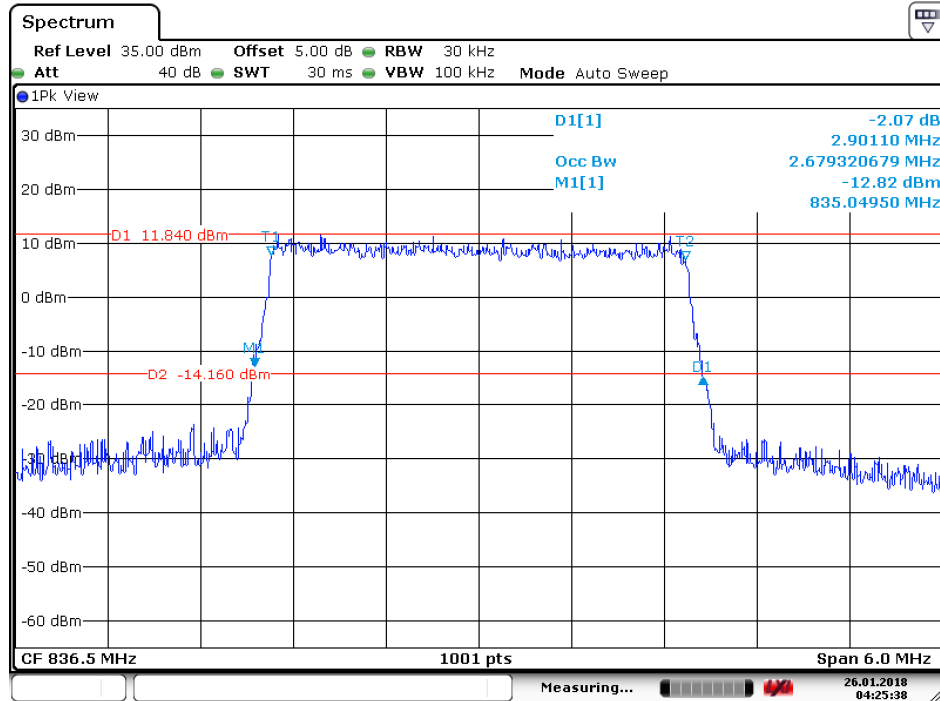
#### 4.1.1.9.1 Test Channel = LCH



Date: 26.JAN.2018 04:21:18

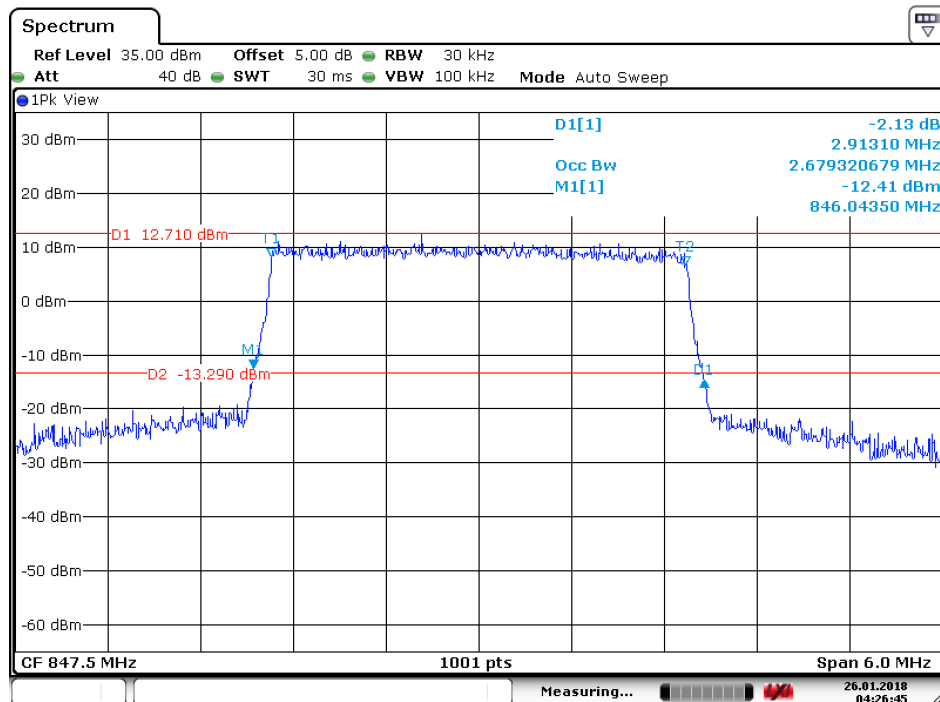


#### 4.1.1.9.2 Test Channel = MCH



Date: 26.JAN.2018 04:25:39

#### 4.1.1.9.3 Test Channel = HCH

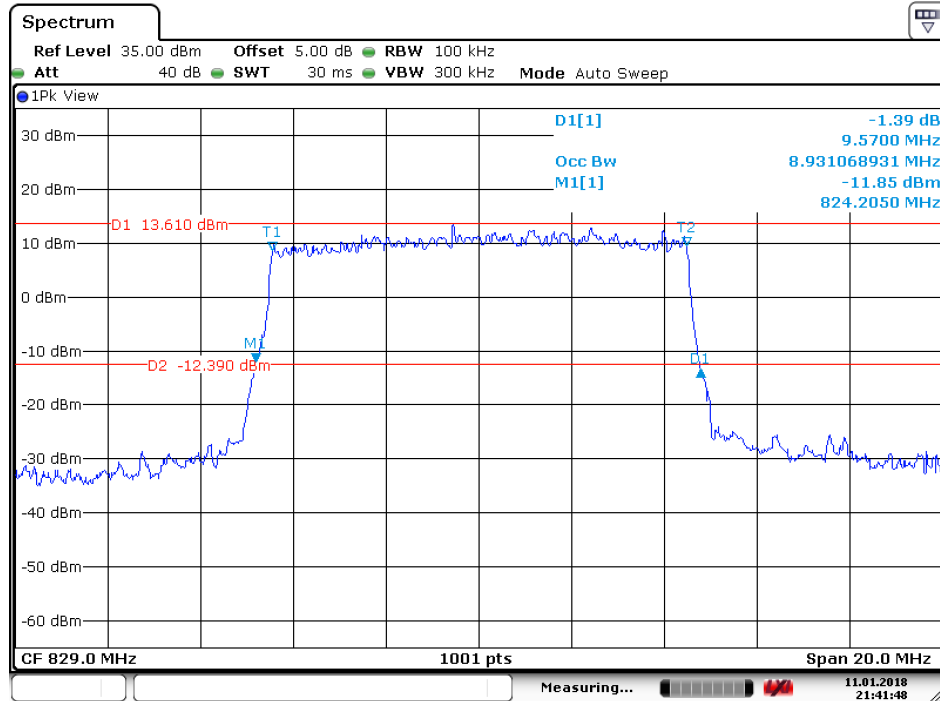


Date: 26.JAN.2018 04:26:45



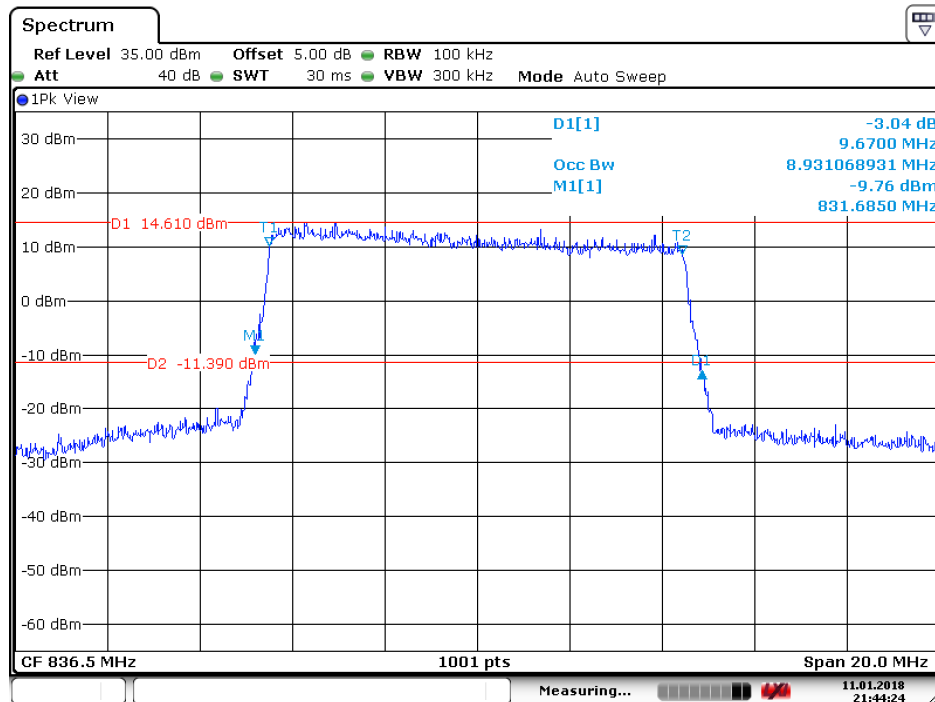
#### 4.1.1.10 Test Mode = LTE/TM1 10MHz

##### 4.1.1.10.1 Test Channel = LCH



Date: 11.JAN.2018 21:41:48

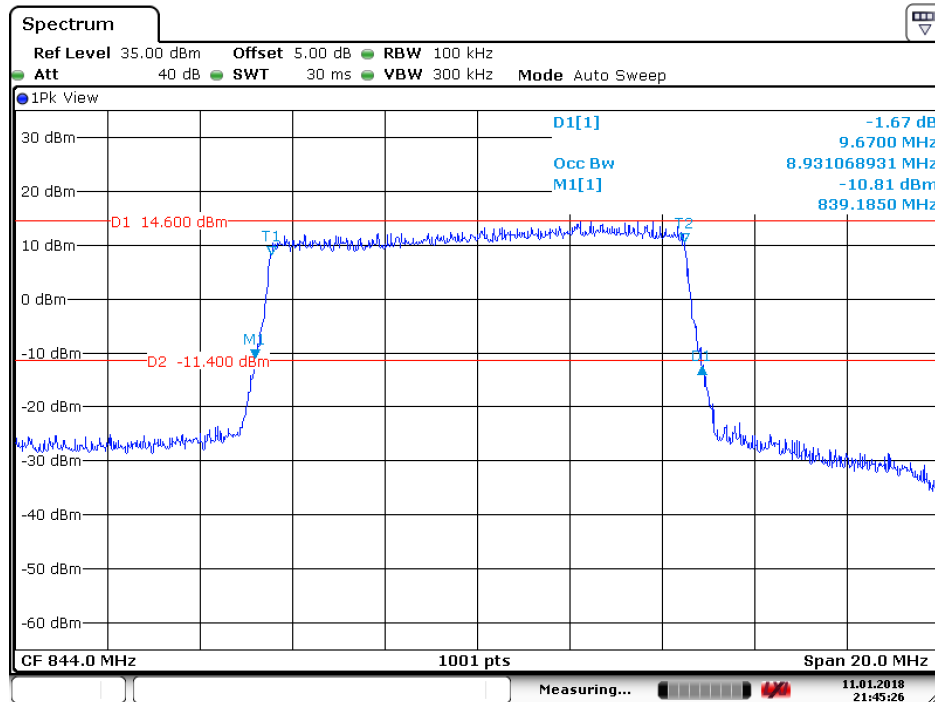
##### 4.1.1.10.2 Test Channel = MCH



Date: 11.JAN.2018 21:44:25



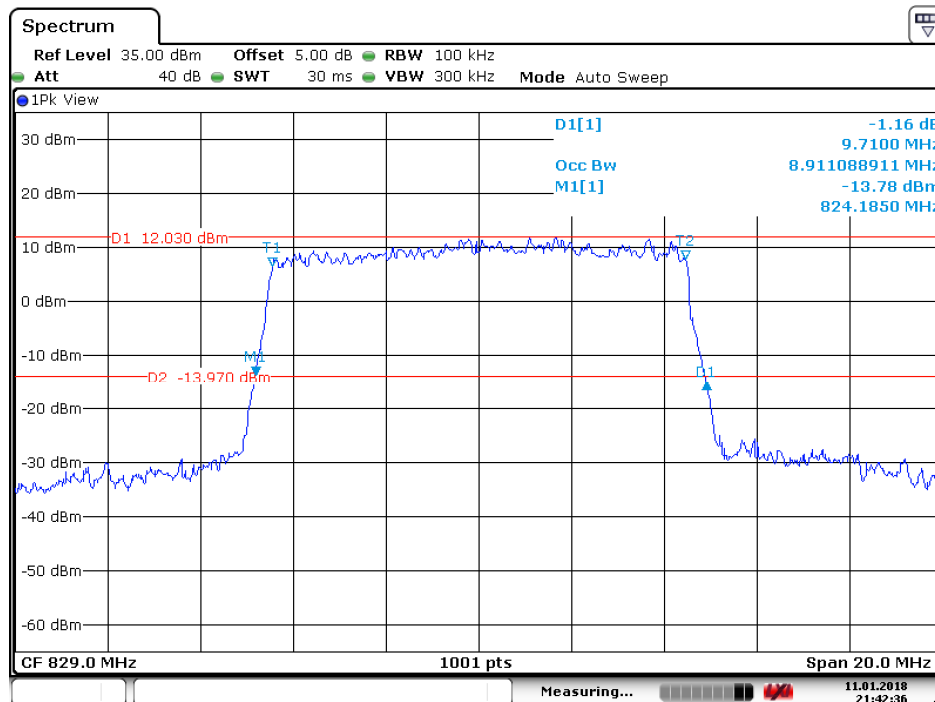
#### 4.1.1.10.3 Test Channel = HCH



Date: 11.JAN.2018 21:45:26

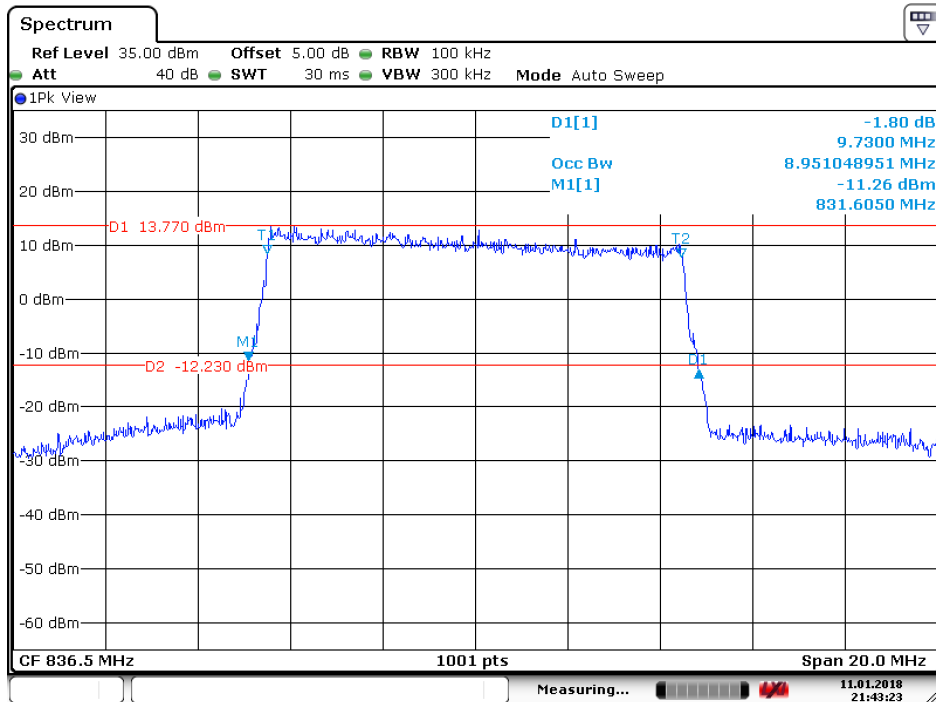
#### 4.1.1.11 Test Mode = LTE/TM2 10MHz

##### 4.1.1.11.1 Test Channel = LCH



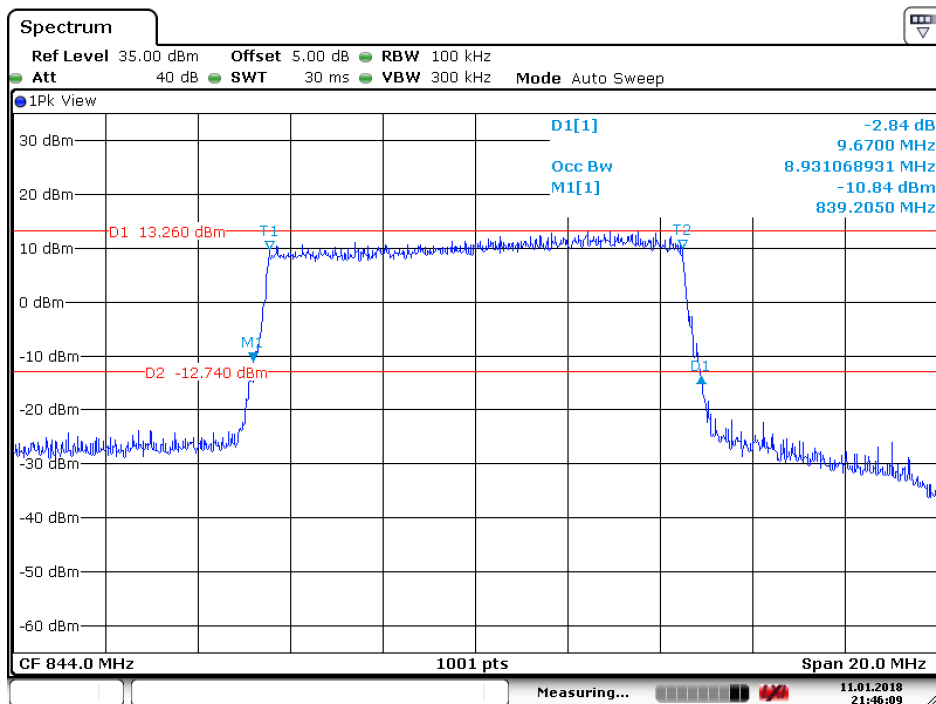
Date: 11.JAN.2018 21:42:37

#### 4.1.1.11.2 Test Channel = MCH



Date: 11.JAN.2018 21:43:23

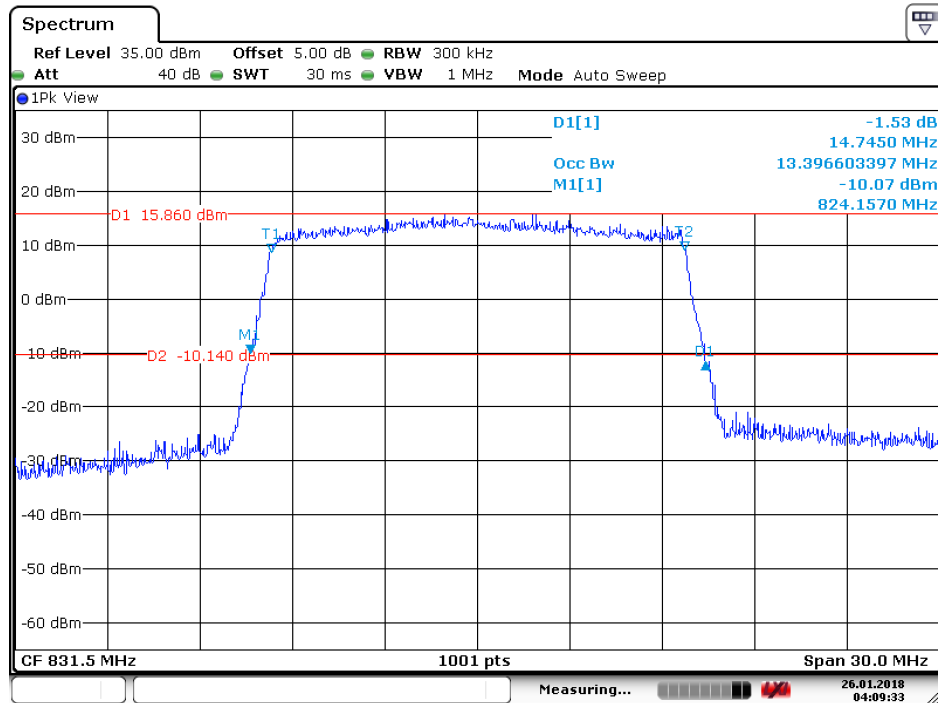
#### 4.1.1.11.3 Test Channel = HCH



Date: 11.JAN.2018 21:46:10

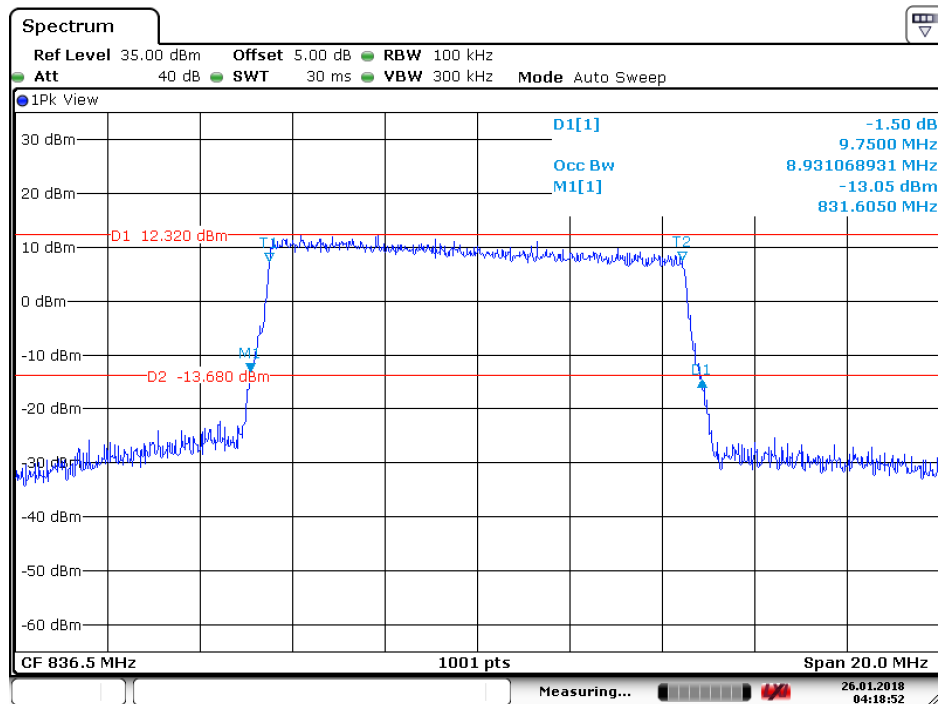
#### 4.1.1.12 Test Mode = LTE/TM3 10MHz

#### 4.1.1.12.1 Test Channel = LCH



Date: 26.JAN.2018 04:09:33

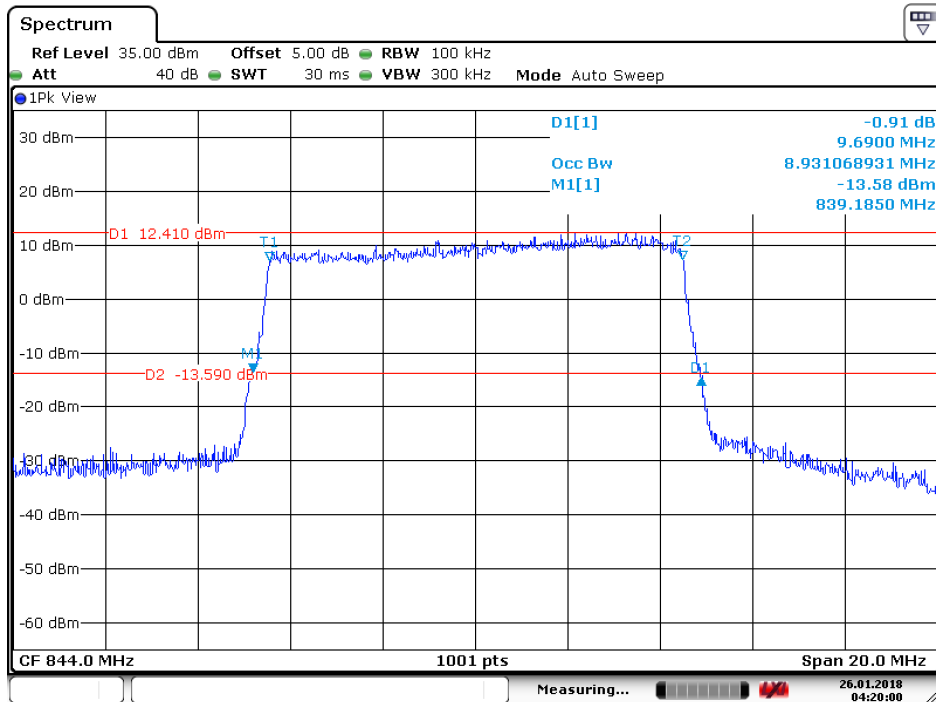
#### 4.1.1.12.2 Test Channel = MCH



Date: 26.JAN.2018 04:18:52



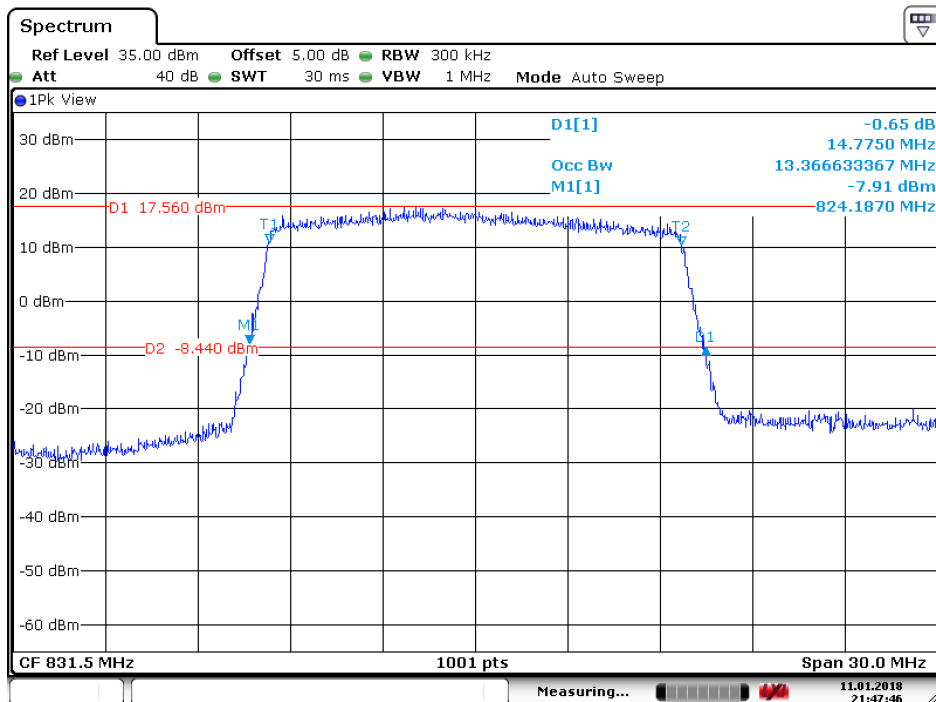
#### 4.1.1.12.3 Test Channel = HCH



Date: 26.JAN.2018 04:20:00

#### 4.1.1.13 Test Mode = LTE/TM1 15MHz

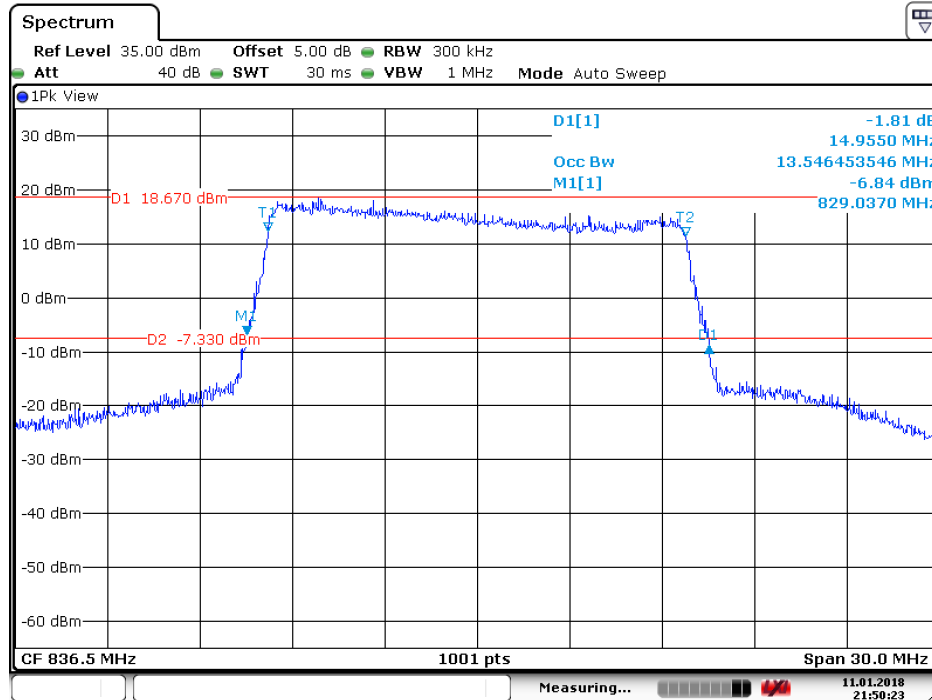
##### 4.1.1.13.1 Test Channel = LCH



Date: 11.JAN.2018 21:47:46

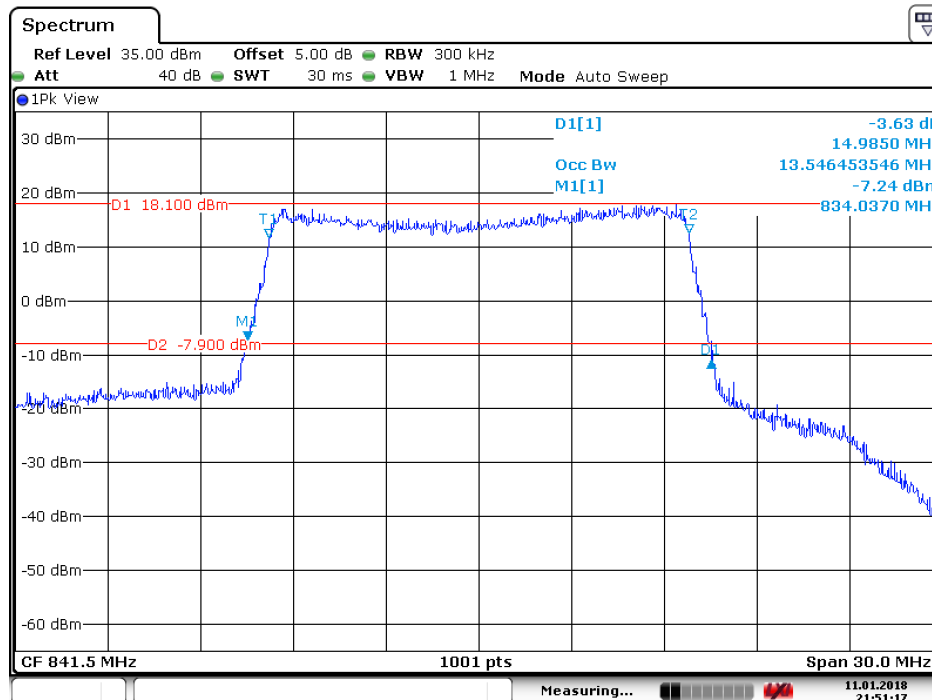


#### 4.1.1.13.2 Test Channel = MCH



Date: 11.JAN.2018 21:50:23

#### 4.1.1.13.3 Test Channel = HCH

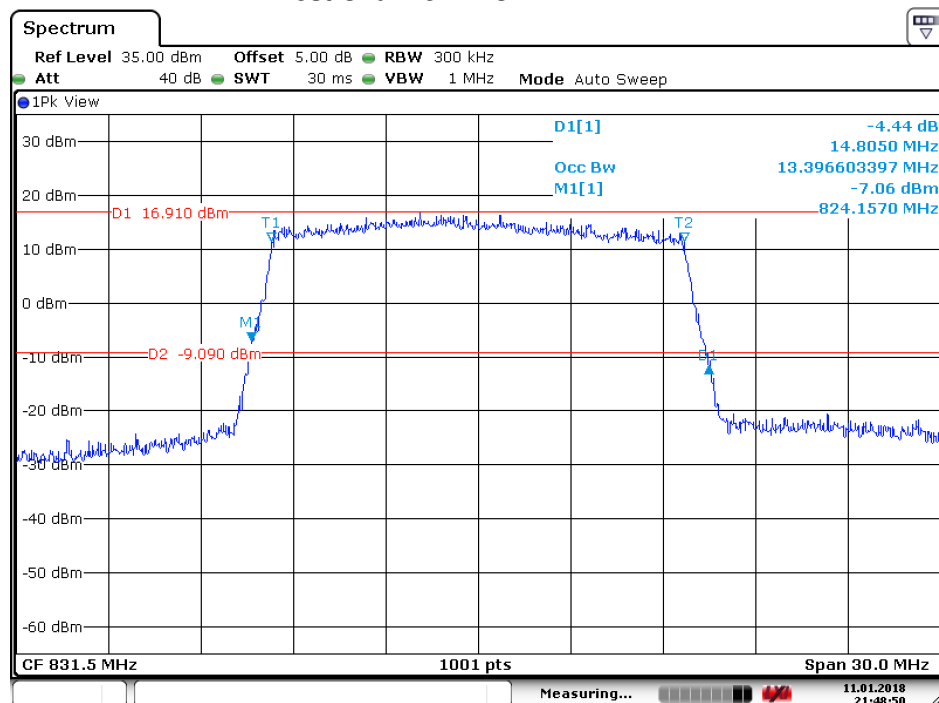


Date: 11.JAN.2018 21:51:17



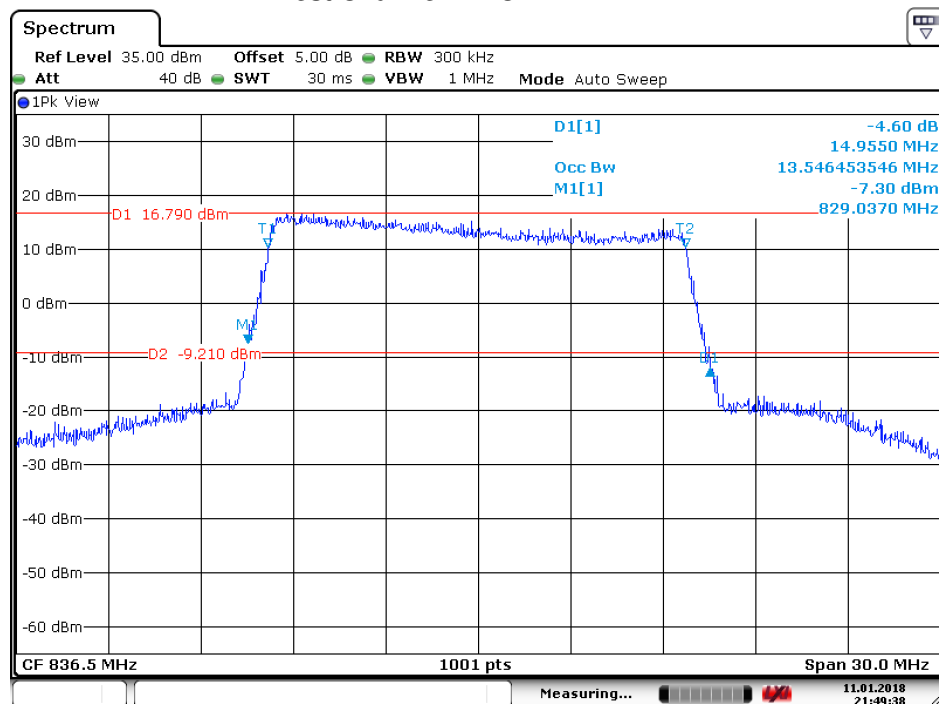
#### 4.1.1.14 Test Mode = LTE/TM2 15MHz

##### 4.1.1.14.1 Test Channel = LCH



Date: 11.JAN.2018 21:48:50

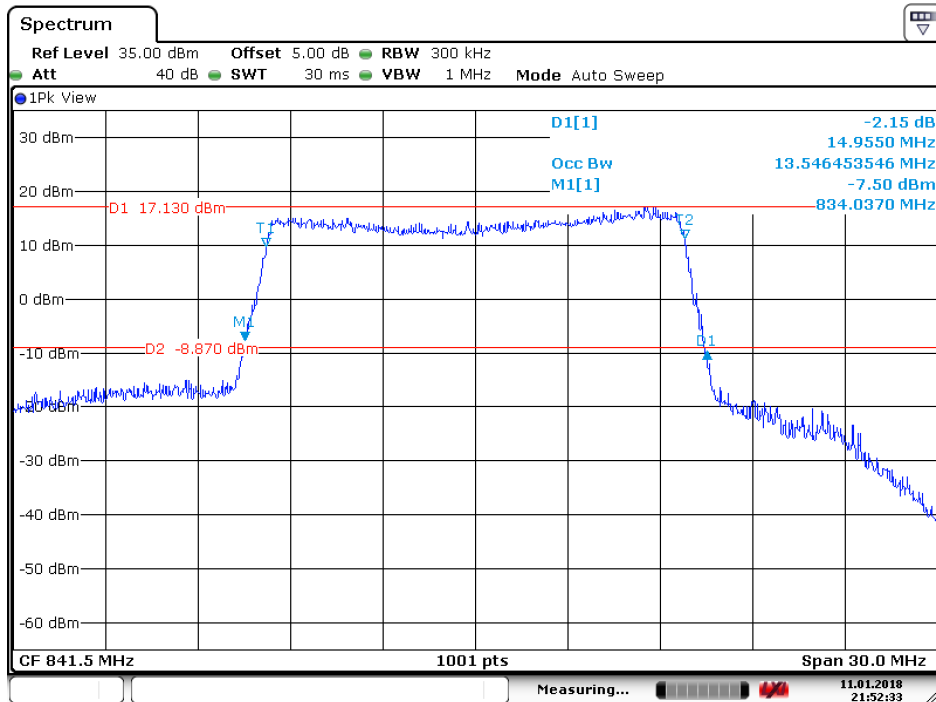
##### 4.1.1.14.2 Test Channel = MCH



Date: 11.JAN.2018 21:49:39



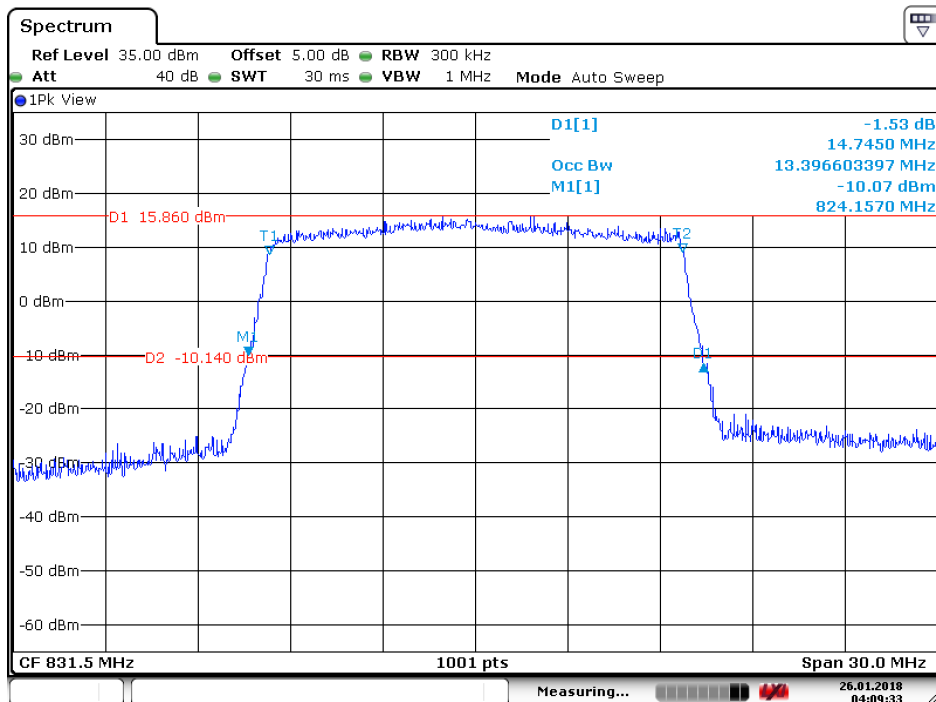
#### 4.1.1.14.3 Test Channel = HCH



Date: 11.JAN.2018 21:52:33

#### 4.1.1.15 Test Mode = LTE/TM3 15MHz

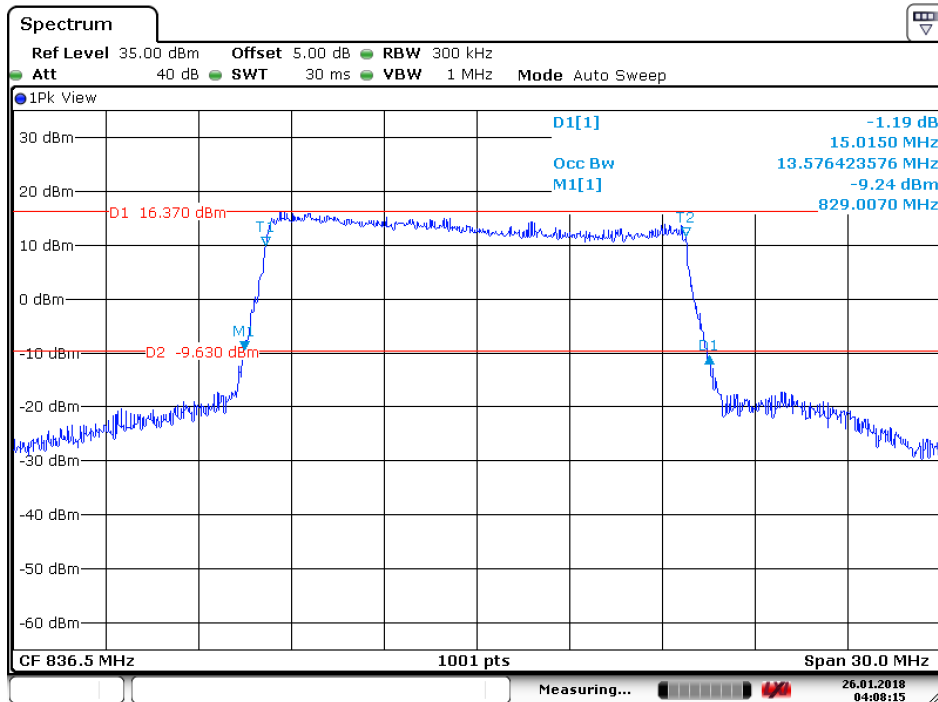
##### 4.1.1.15.1 Test Channel = LCH



Date: 26.JAN.2018 04:09:33

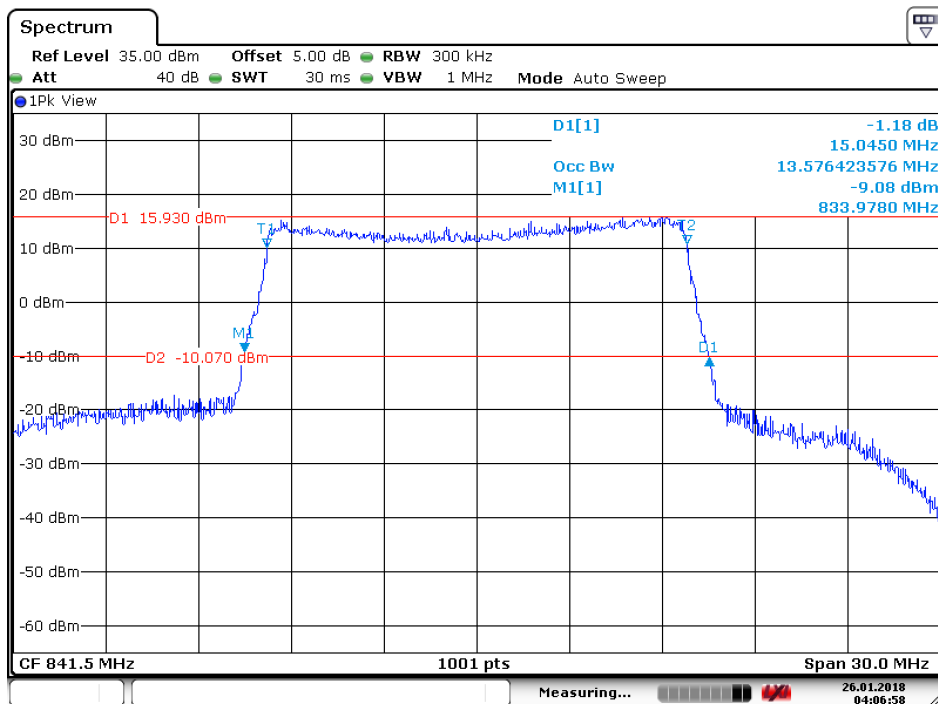


4.1.1.15.2 Test Channel = MCH



Date: 26.JAN.2018 04:08:15

4.1.1.15.3 Test Channel = HCH



Date: 26.JAN.2018 04:06:59



## 5 Band Edges Compliance

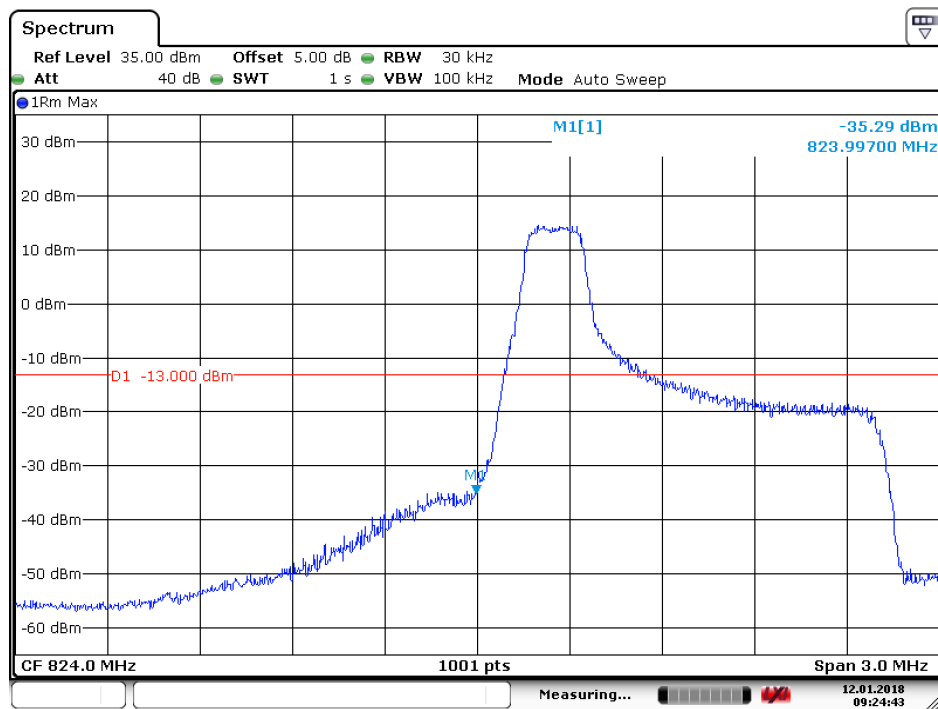
### 5.1 For LTE

#### 5.1.1 Test Band = LTE band26

##### 5.1.1.1 Test Mode = LTE/TM1 1.4MHz

##### 5.1.1.1.1 Test Channel = LCH

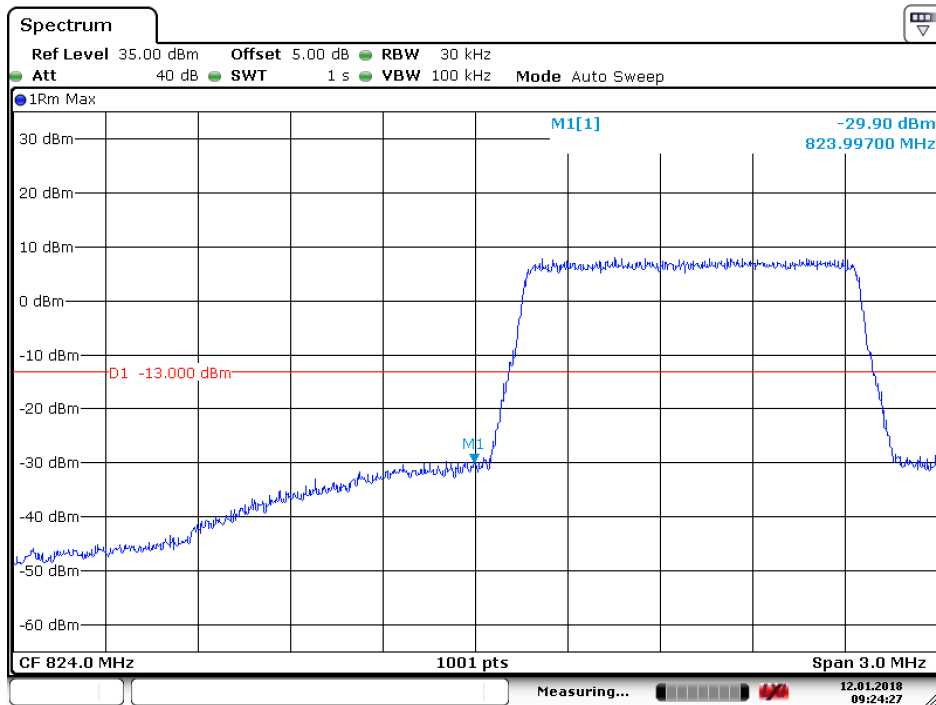
##### 5.1.1.1.1.1 Test RB=1RB



Date: 12.JAN.2018 09:24:43



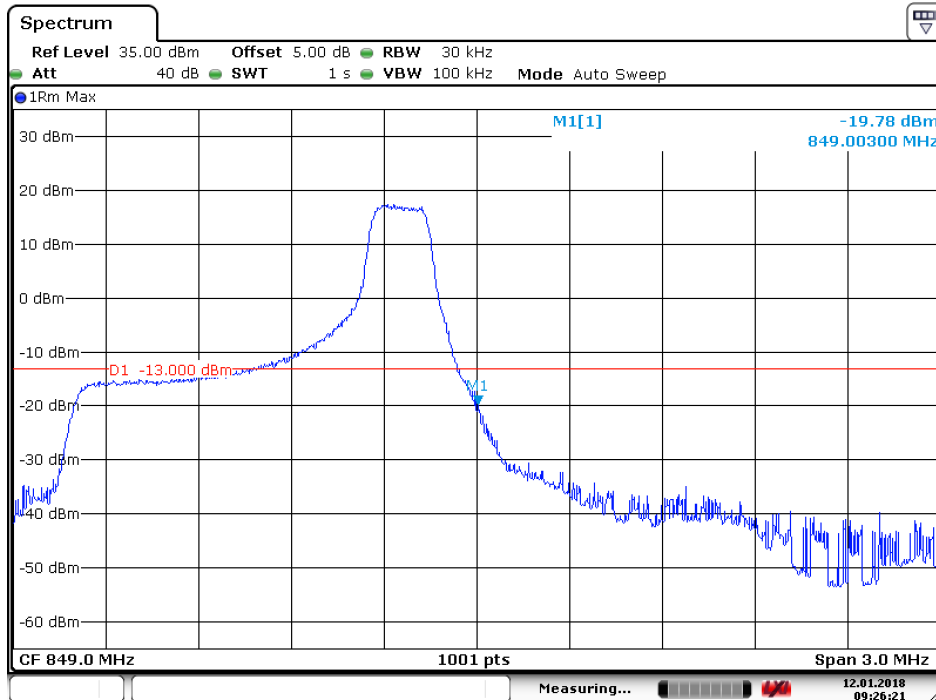
#### 5.1.1.1.2 Test RB=6RB



Date: 12.JAN.2018 09:24:28

#### 5.1.1.1.2 Test Channel = HCH

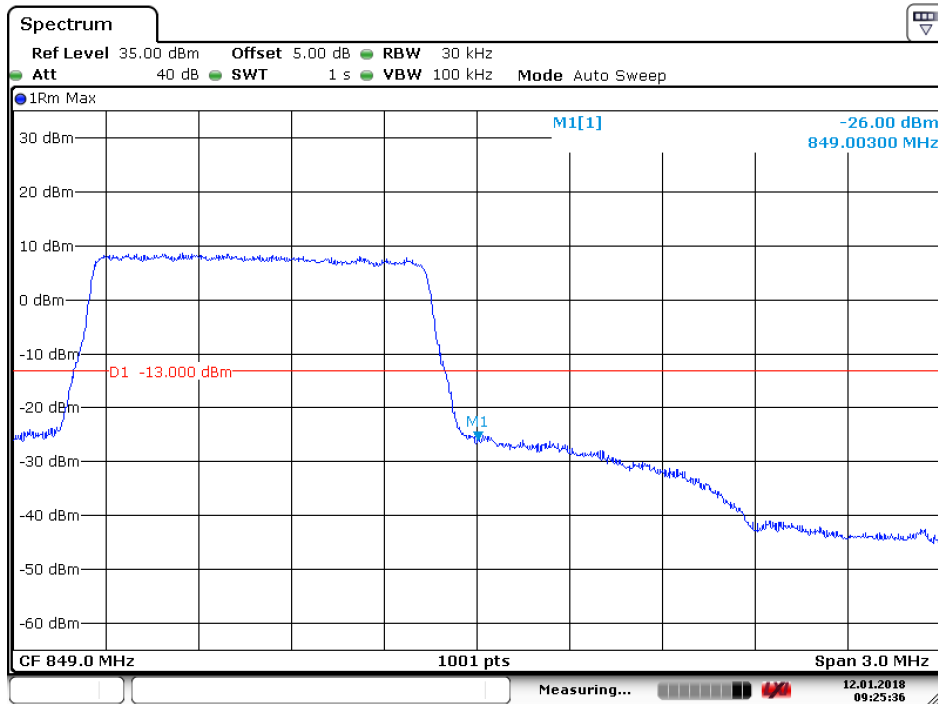
##### 5.1.1.1.2.1 Test RB=1RB



Date: 12.JAN.2018 09:26:21



#### 5.1.1.2.2 Test RB=6RB

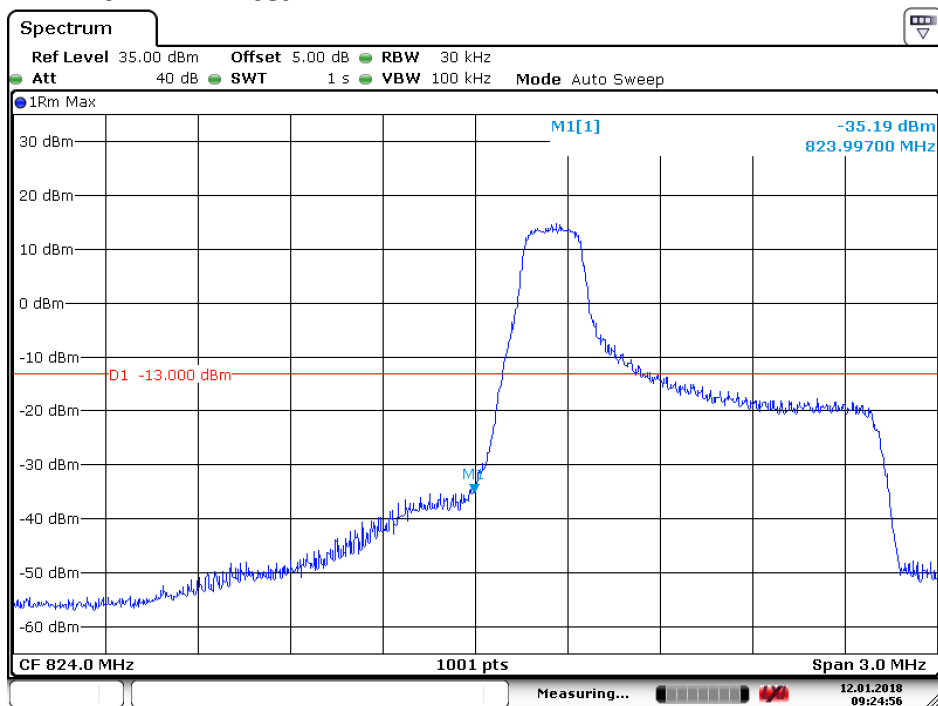


Date: 12.JAN.2018 09:25:37

#### 5.1.1.2 Test Mode = LTE/TM2 1.4MHz

##### 5.1.1.2.1 Test Channel = LCH

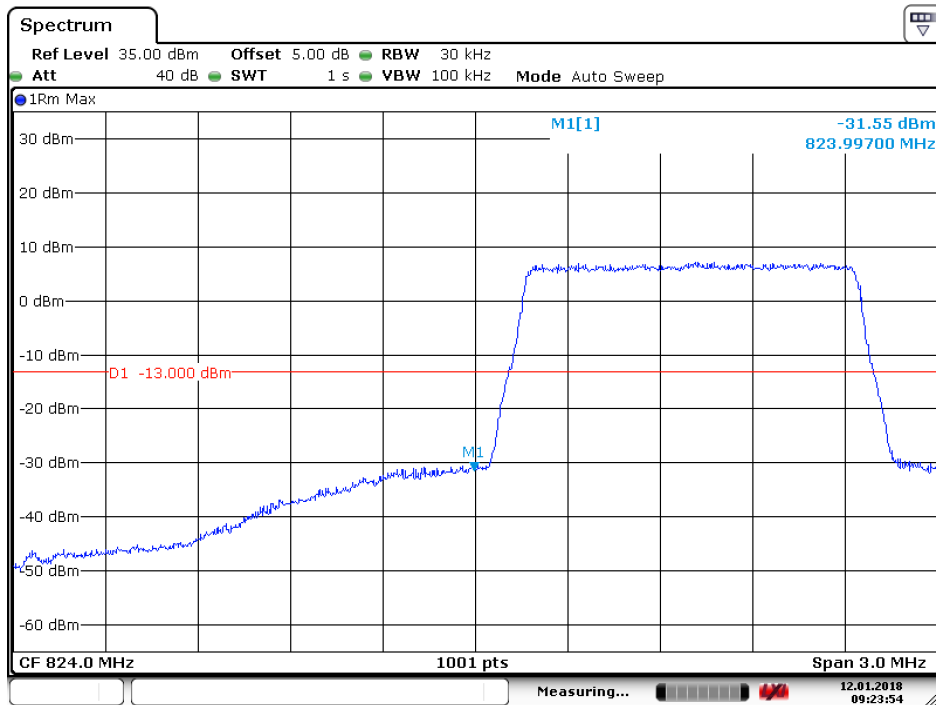
#### 5.1.1.2.1.1 Test RB=1RB



Date: 12.JAN.2018 09:24:56



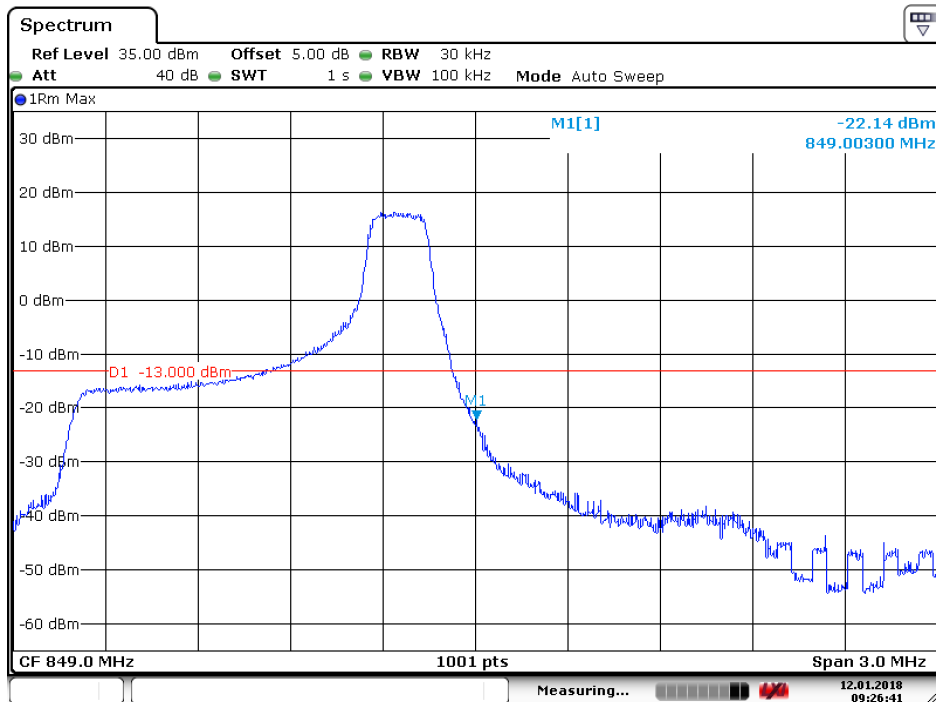
#### 5.1.1.2.1.2 Test RB=6RB



Date: 12.JAN.2018 09:23:55

#### 5.1.1.2.2 Test Channel = HCH

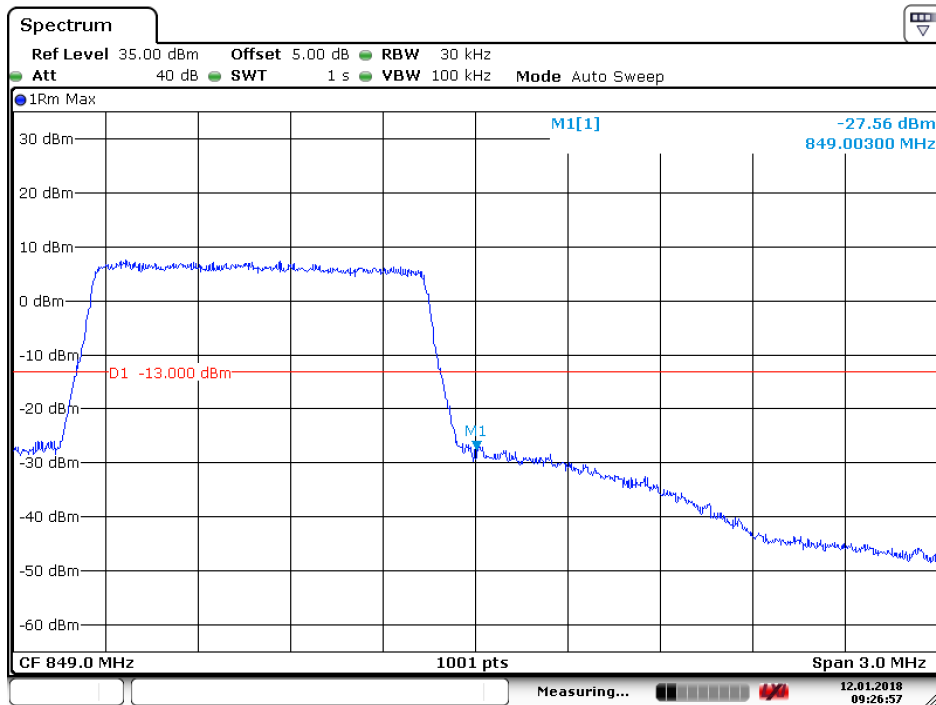
##### 5.1.1.2.2.1 Test RB=1RB



Date: 12.JAN.2018 09:26:42



#### 5.1.1.2.2 Test RB=6RB

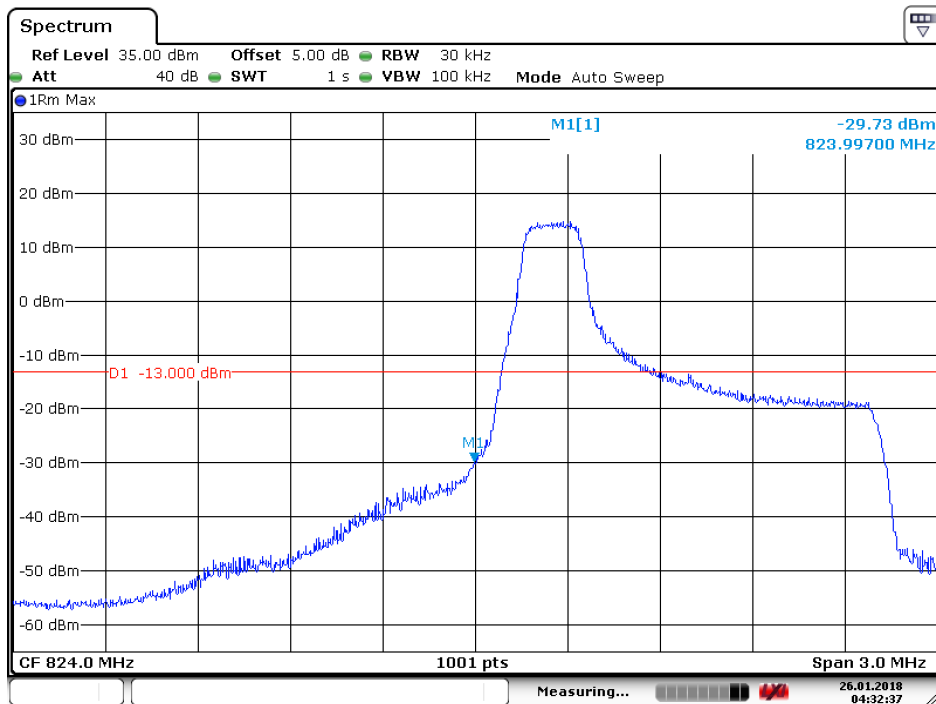


Date: 12.JAN.2018 09:26:58

#### 5.1.1.3 Test Mode = LTE/TM3 1.4MHz

##### 5.1.1.3.1 Test Channel = LCH

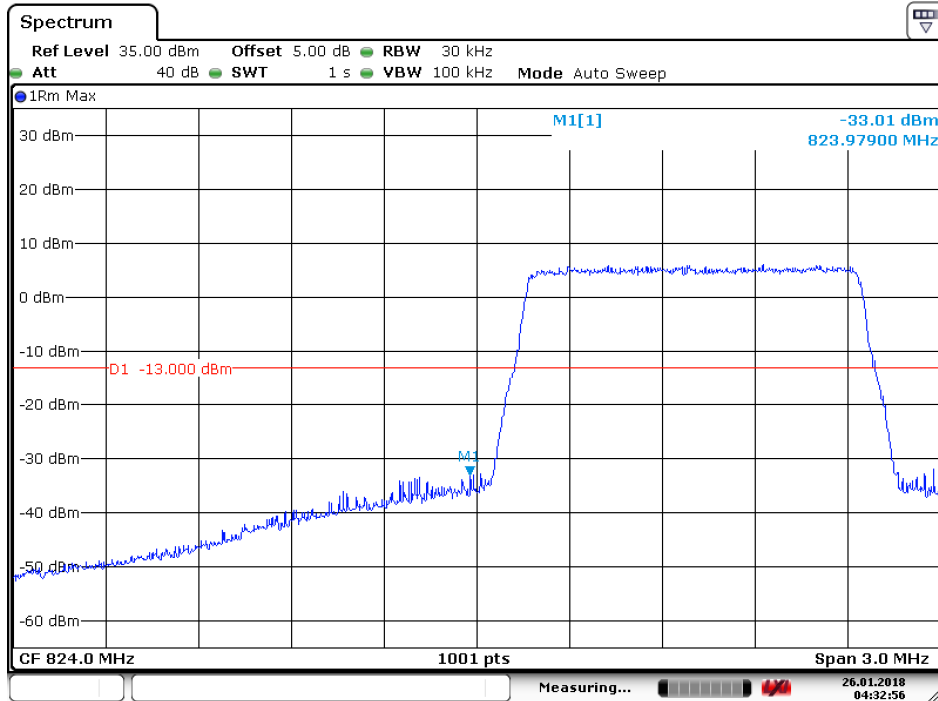
#### 5.1.1.3.1.1 Test RB=1RB



Date: 26.JAN.2018 04:32:38



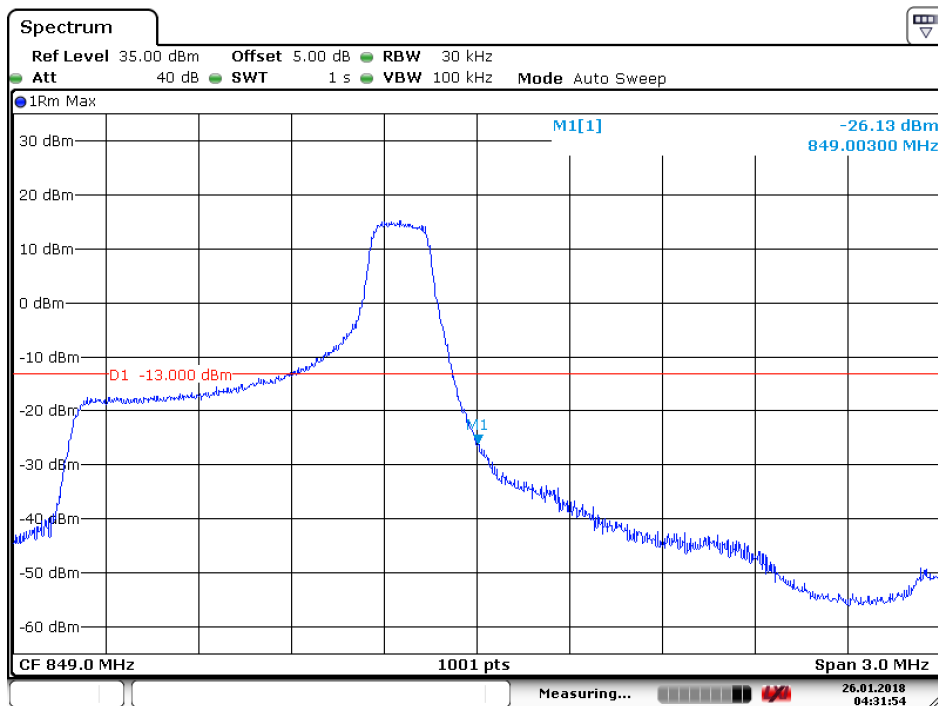
#### 5.1.1.3.1.2 Test RB=6RB



Date: 26.JAN.2018 04:32:57

#### 5.1.1.3.2 Test Channel = HCH

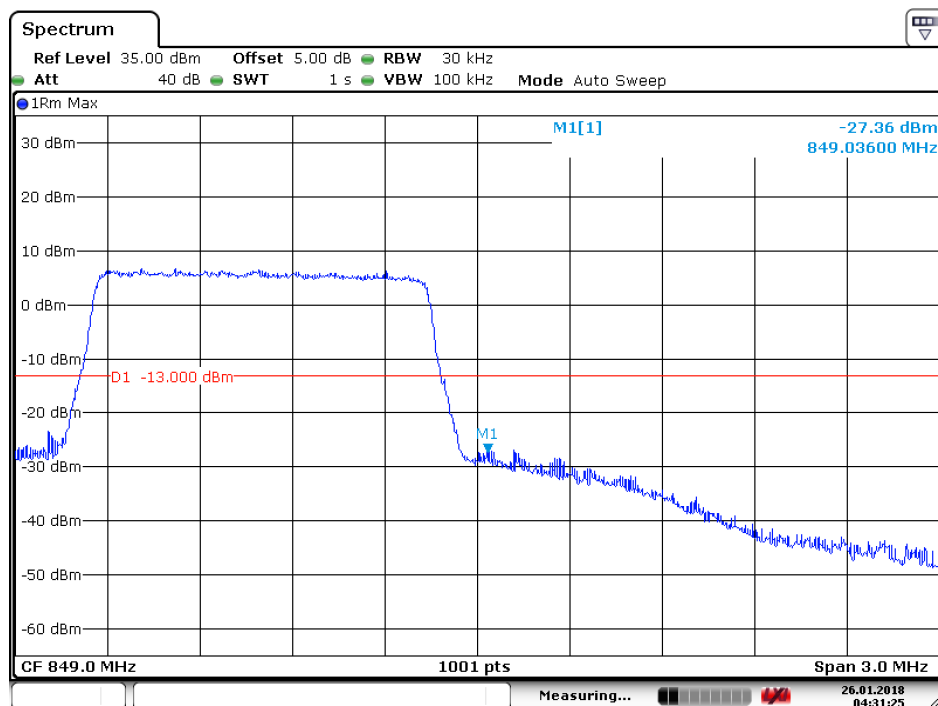
##### 5.1.1.3.2.1 Test RB=1RB



Date: 26.JAN.2018 04:31:54



#### 5.1.1.3.2.2 Test RB=6RB

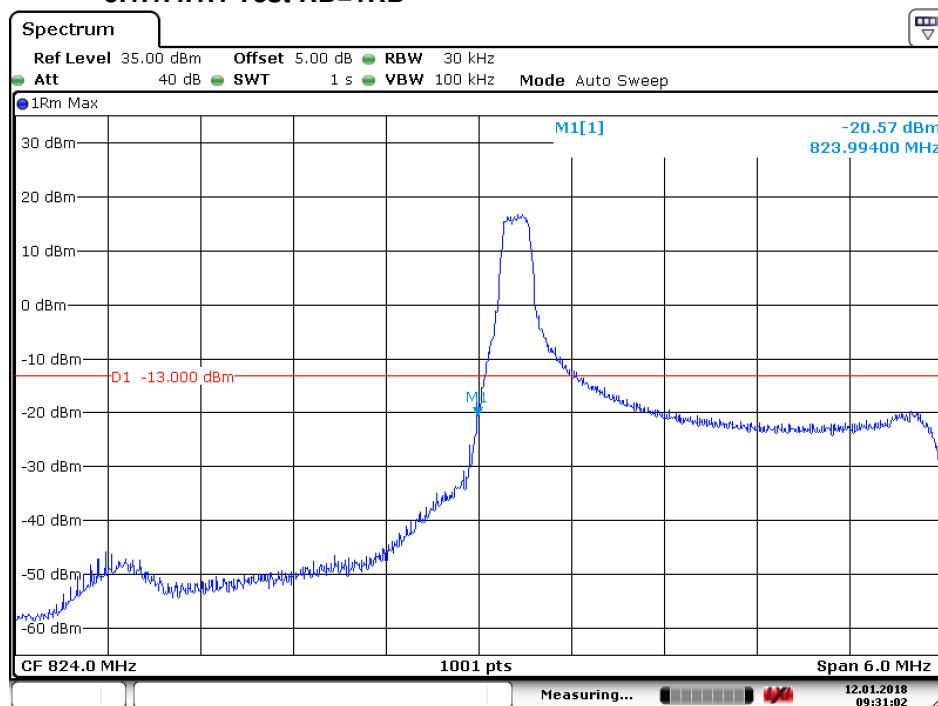


Date: 26.JAN.2018 04:31:26

#### 5.1.1.4 Test Mode = LTE/TM1 3MHz

##### 5.1.1.4.1 Test Channel = LCH

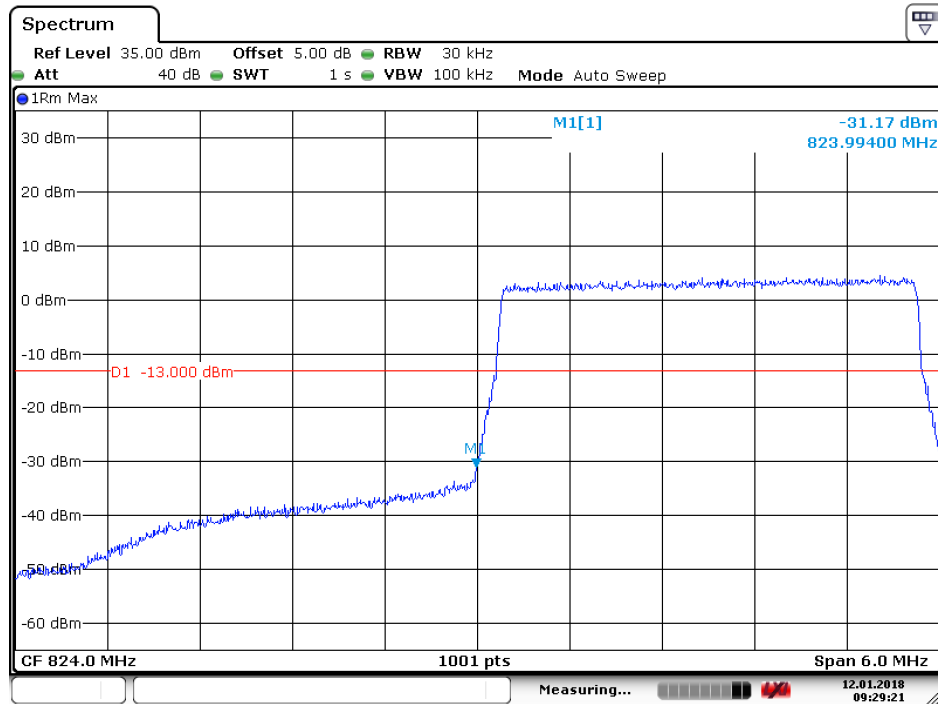
#### 5.1.1.4.1.1 Test RB=1RB



Date: 12.JAN.2018 09:31:02



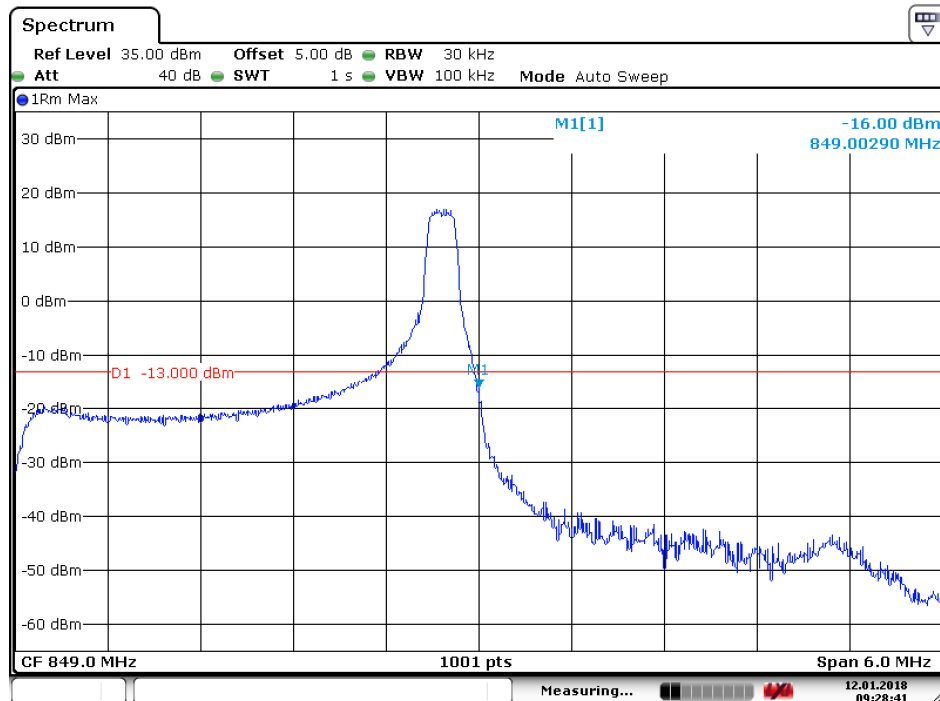
#### 5.1.1.4.1.2 Test RB=15RB



Date: 12.JAN.2018 09:29:22

#### 5.1.1.4.2 Test Channel = HCH

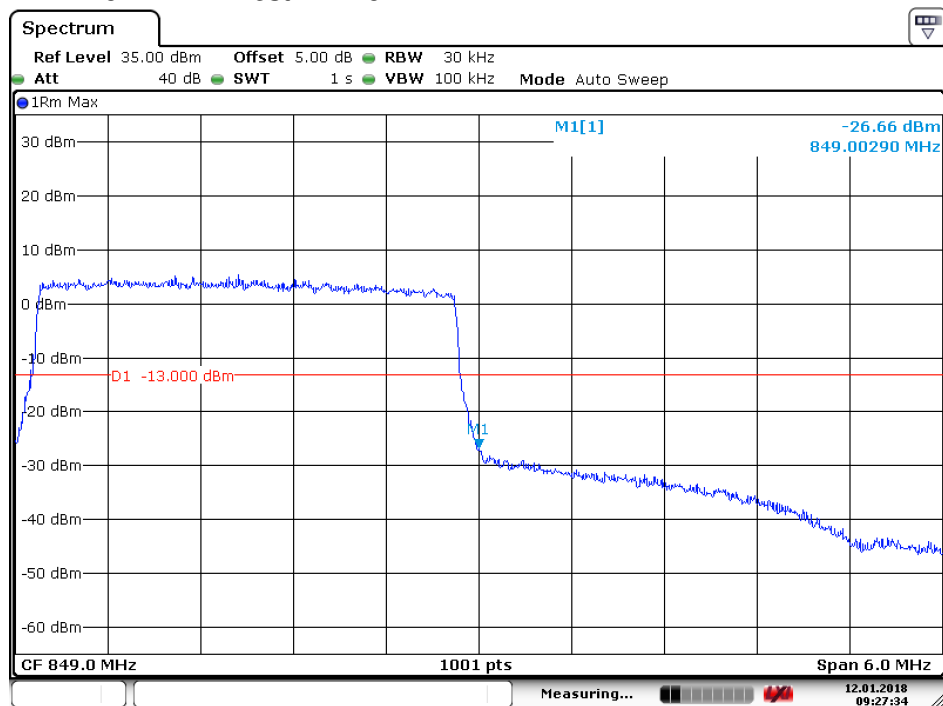
##### 5.1.1.4.2.1 Test RB=1RB



Date: 12.JAN.2018 09:28:41



#### 5.1.1.4.2.2 Test RB=15RB

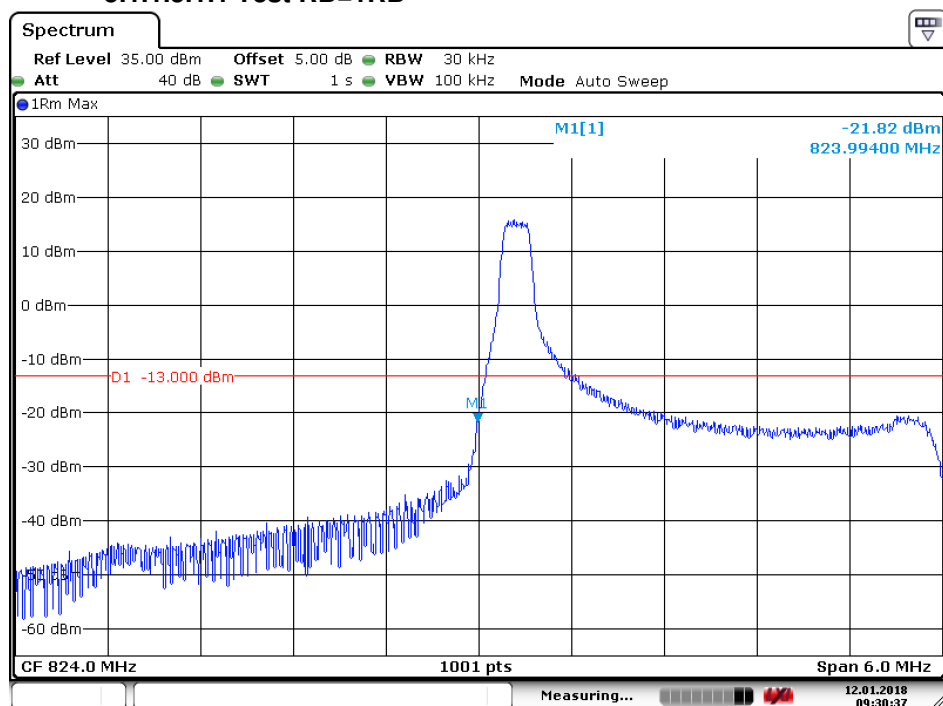


Date: 12.JAN.2018 09:27:34

#### 5.1.1.5 Test Mode = LTE/TM2 3MHz

##### 5.1.1.5.1 Test Channel = LCH

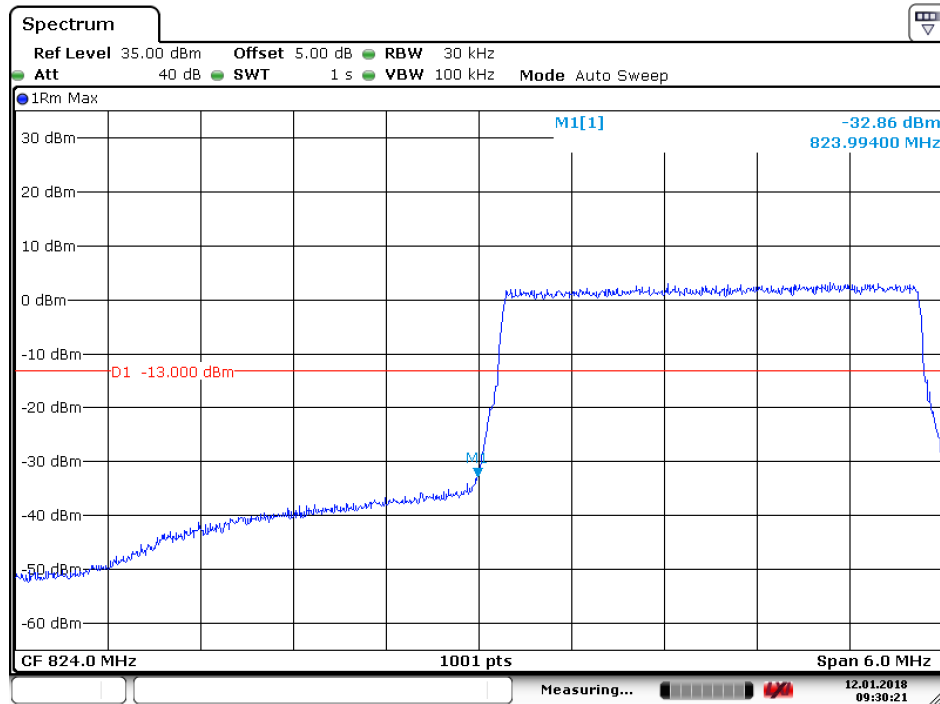
##### 5.1.1.5.1.1 Test RB=1RB



Date: 12.JAN.2018 09:30:38



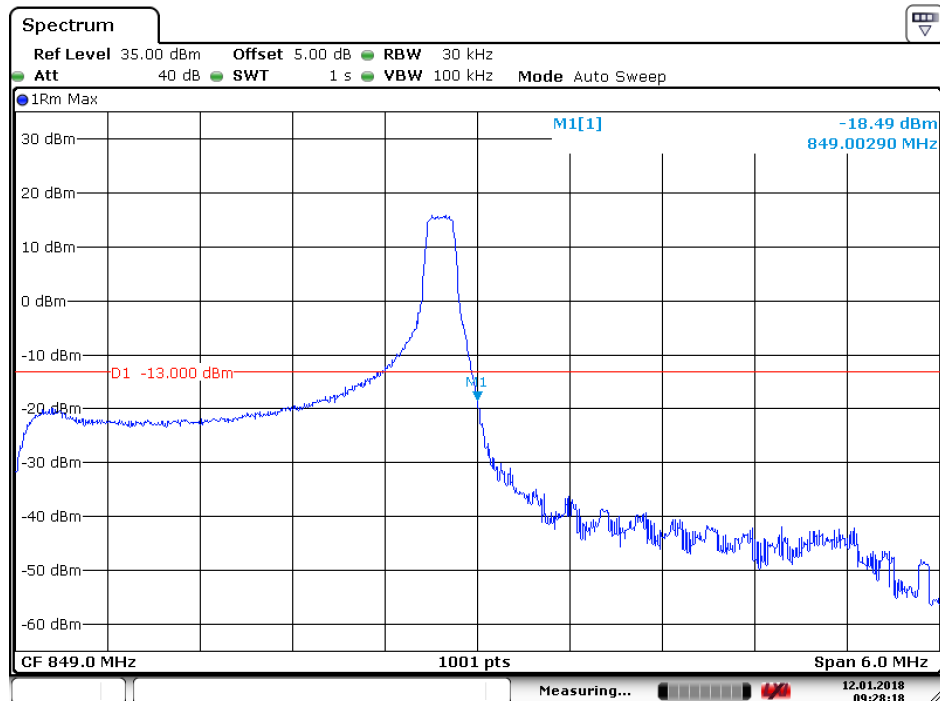
#### 5.1.1.5.1.2 Test RB=15RB



Date: 12.JAN.2018 09:30:22

#### 5.1.1.5.2 Test Channel = HCH

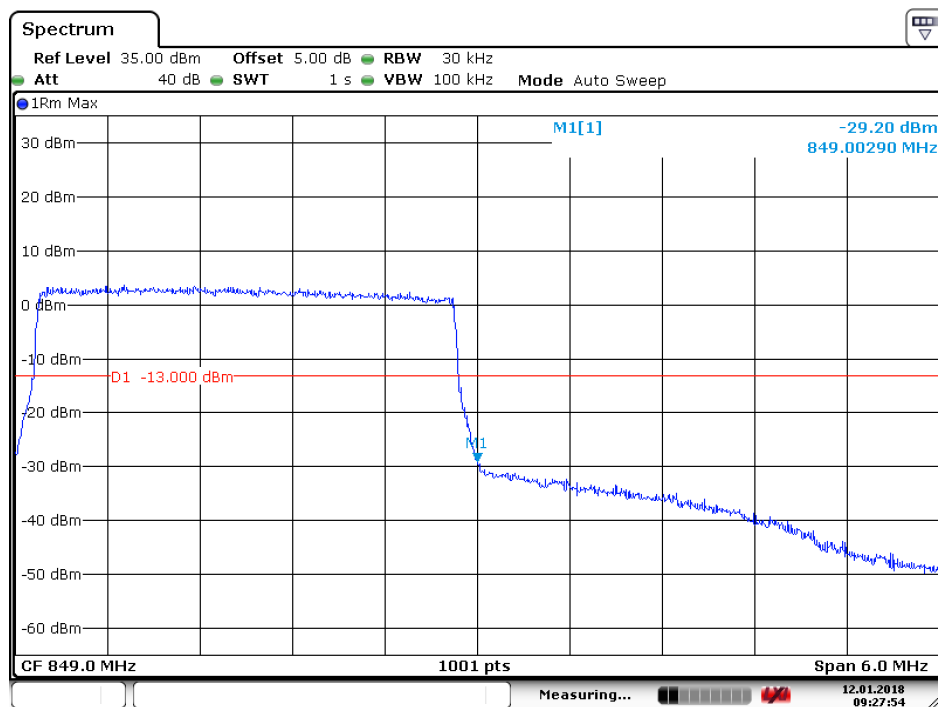
##### 5.1.1.5.2.1 Test RB=1RB



Date: 12.JAN.2018 09:28:19



### 5.1.1.5.3 Test RB=15RB

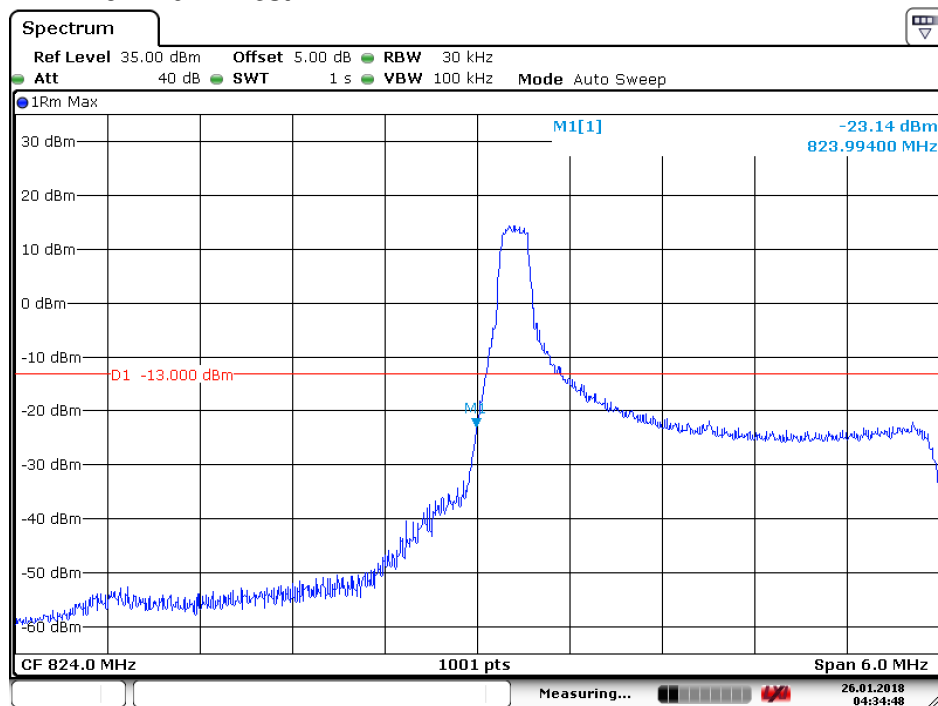


Date: 12.JAN.2018 09:27:54

### 5.1.1.6 Test Mode = LTE/TM3 3MHz

#### 5.1.1.6.1 Test Channel = LCH

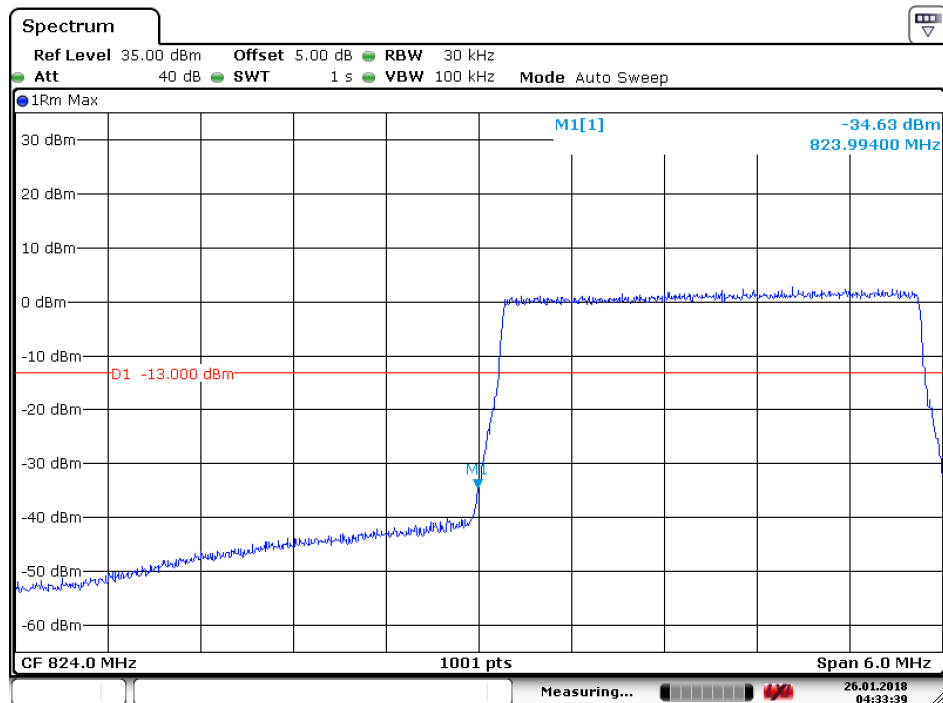
##### 5.1.1.6.1.1 Test RB=1RB



Date: 26.JAN.2018 04:34:48



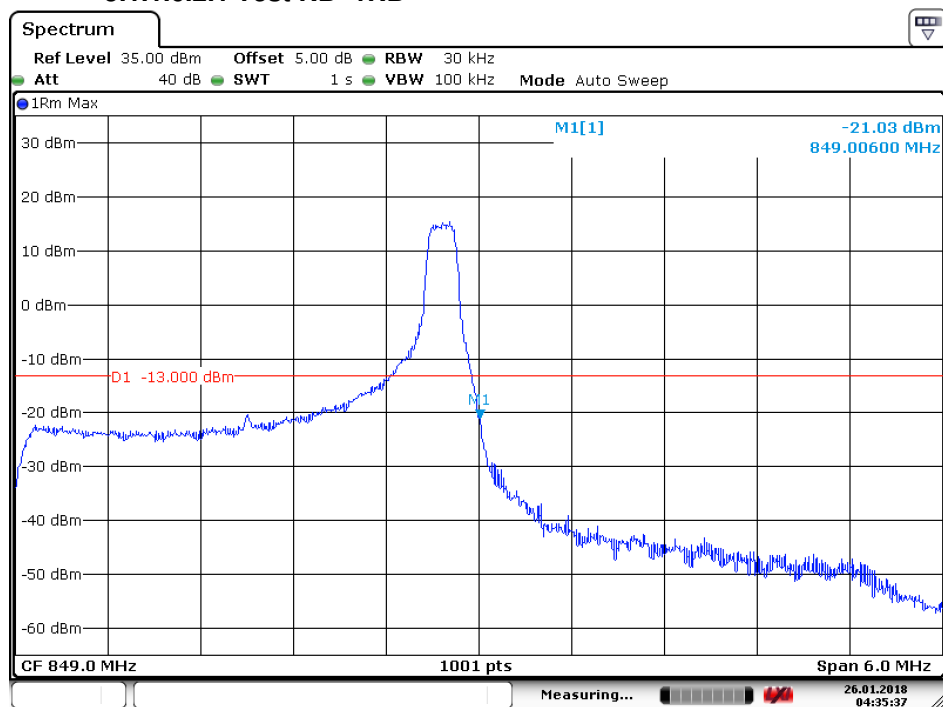
#### 5.1.1.6.1.2 Test RB=15RB



Date: 26.JAN.2018 04:33:40

#### 5.1.1.6.2 Test Channel = HCH

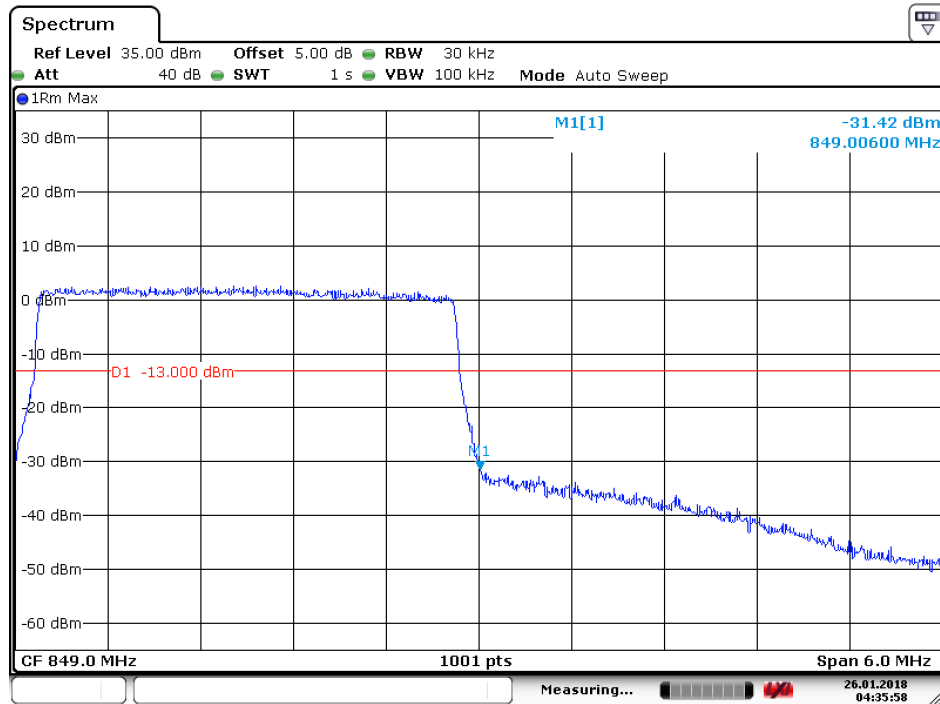
##### 5.1.1.6.2.1 Test RB=1RB



Date: 26.JAN.2018 04:35:38



#### 5.1.1.6.2.2 Test RB=15RB

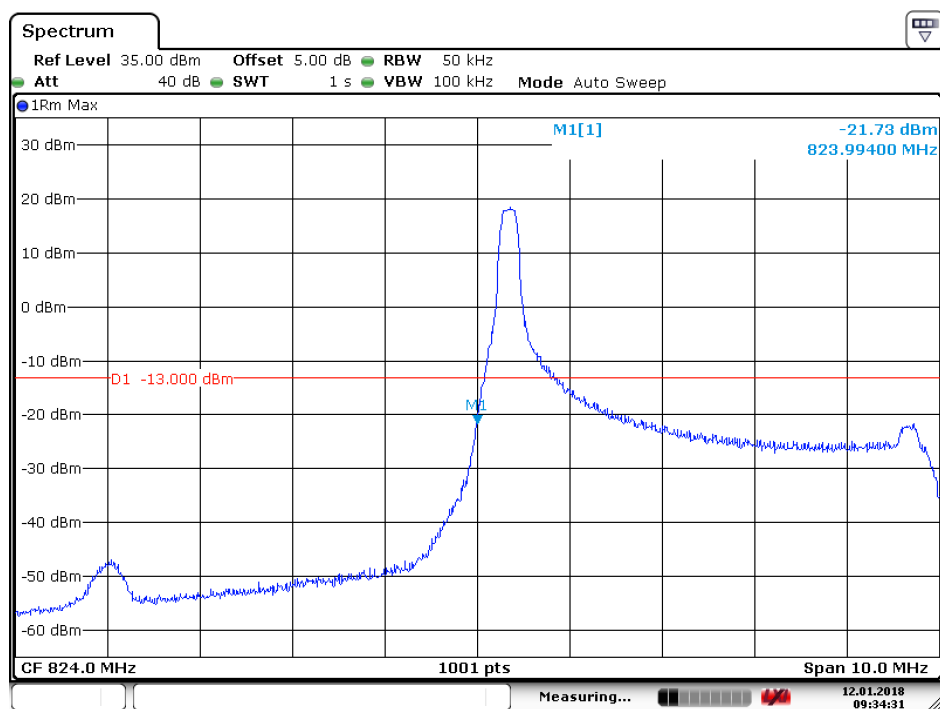


Date: 26.JAN.2018 04:35:58

#### 5.1.1.7 Test Mode = LTE/TM1 5MHz

##### 5.1.1.7.1 Test Channel = LCH

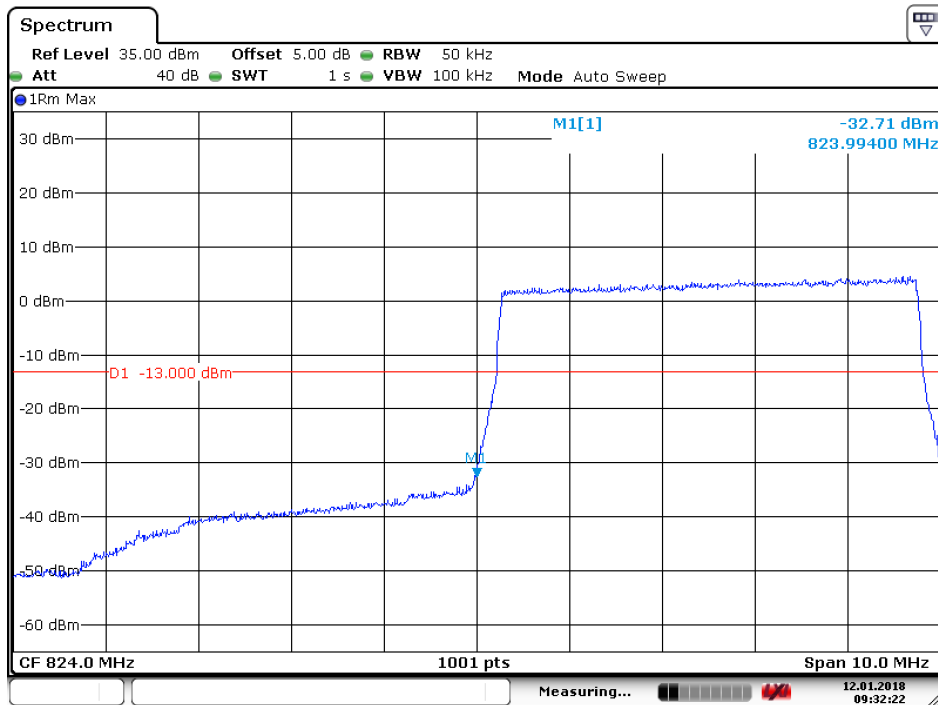
##### 5.1.1.7.1.1 Test RB=1RB



Date: 12.JAN.2018 09:34:31



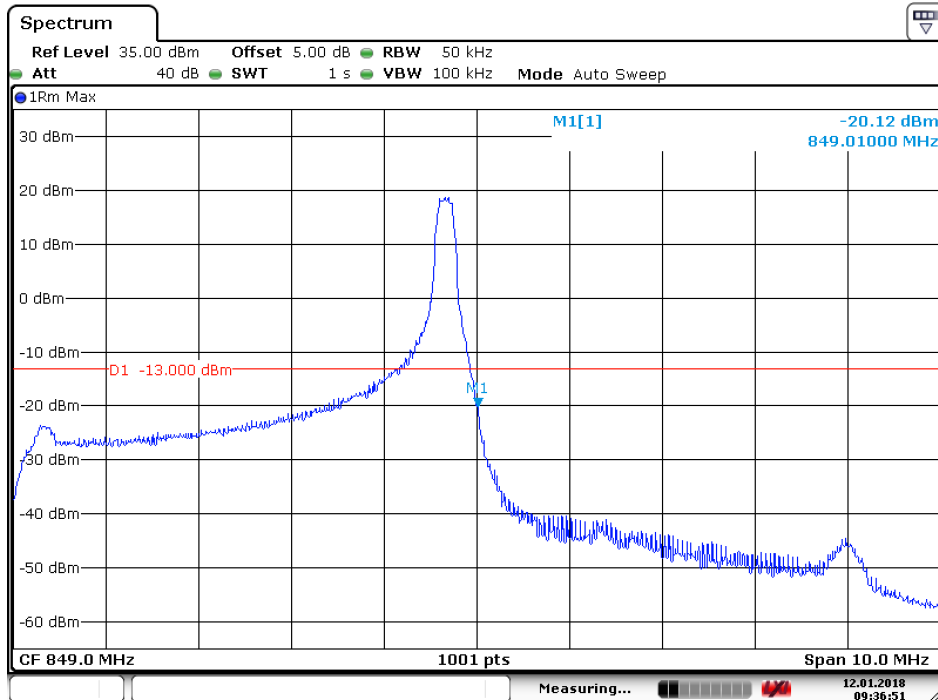
#### 5.1.1.7.1.2 Test RB=25RB



Date: 12.JAN.2018 09:32:22

#### 5.1.1.7.2 Test Channel = HCH

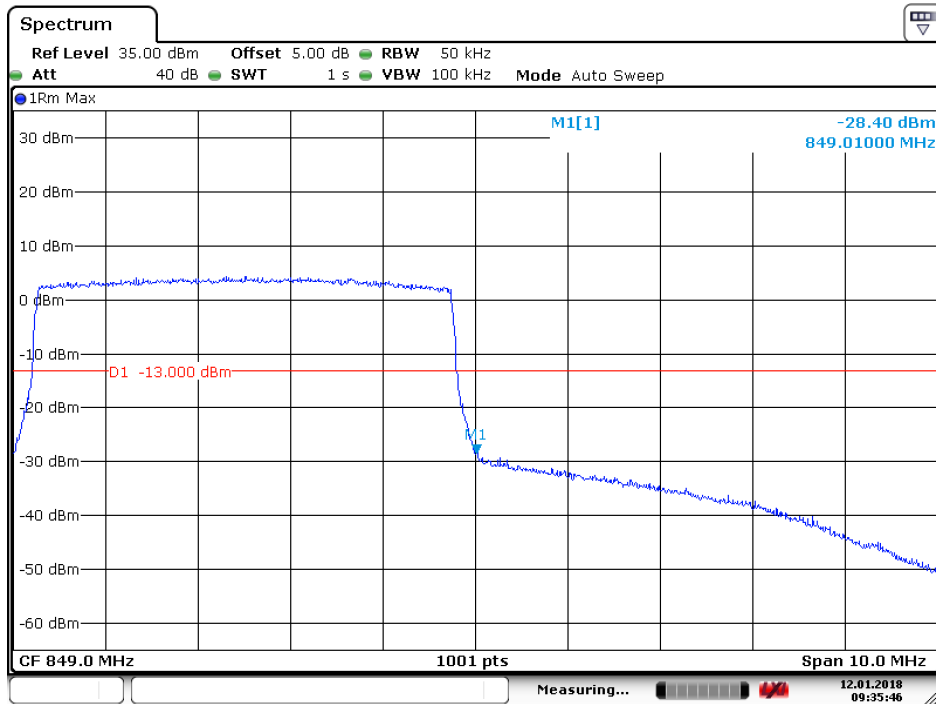
##### 5.1.1.7.2.1 Test RB=1RB



Date: 12.JAN.2018 09:36:51



#### 5.1.1.7.2.2 Test RB=25RB

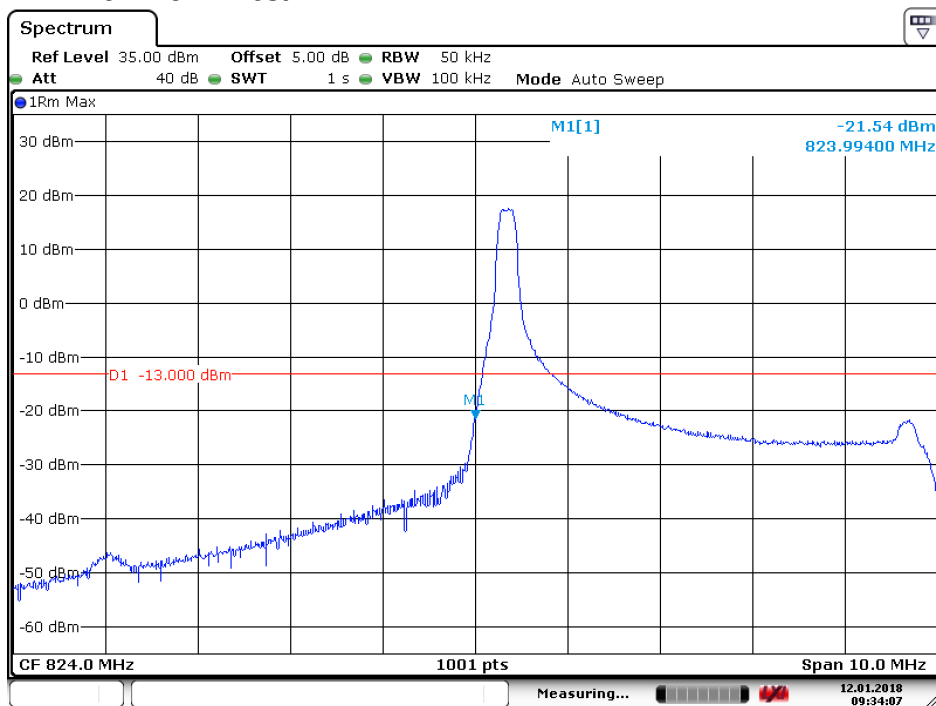


Date: 12.JAN.2018 09:35:46

#### 5.1.1.8 Test Mode = LTE/TM2 5MHz

##### 5.1.1.8.1 Test Channel = LCH

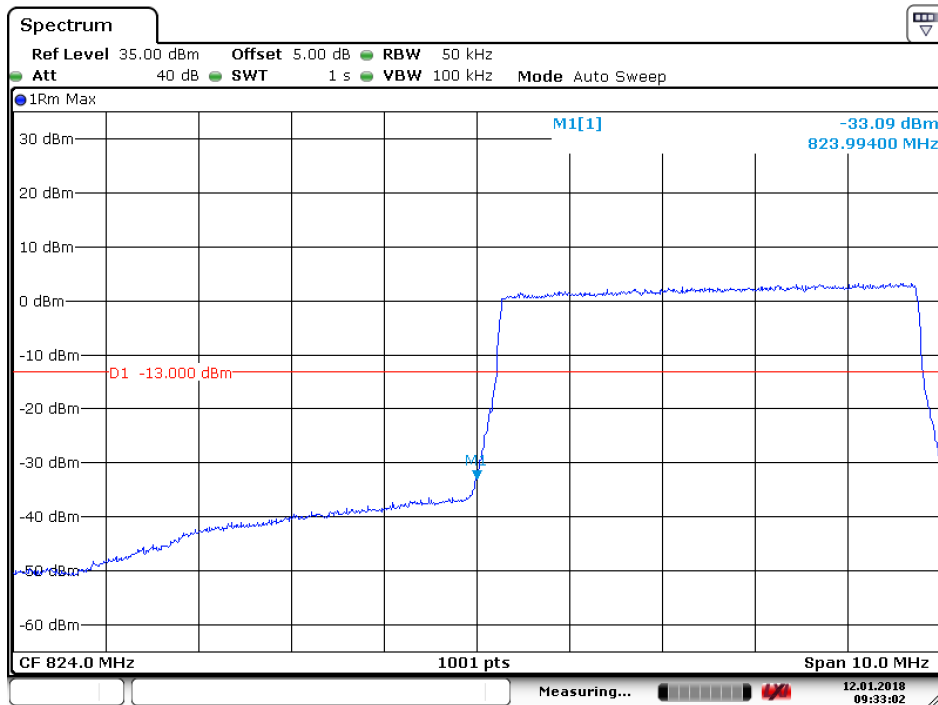
#### 5.1.1.8.1.1 Test RB=1RB



Date: 12.JAN.2018 09:34:07



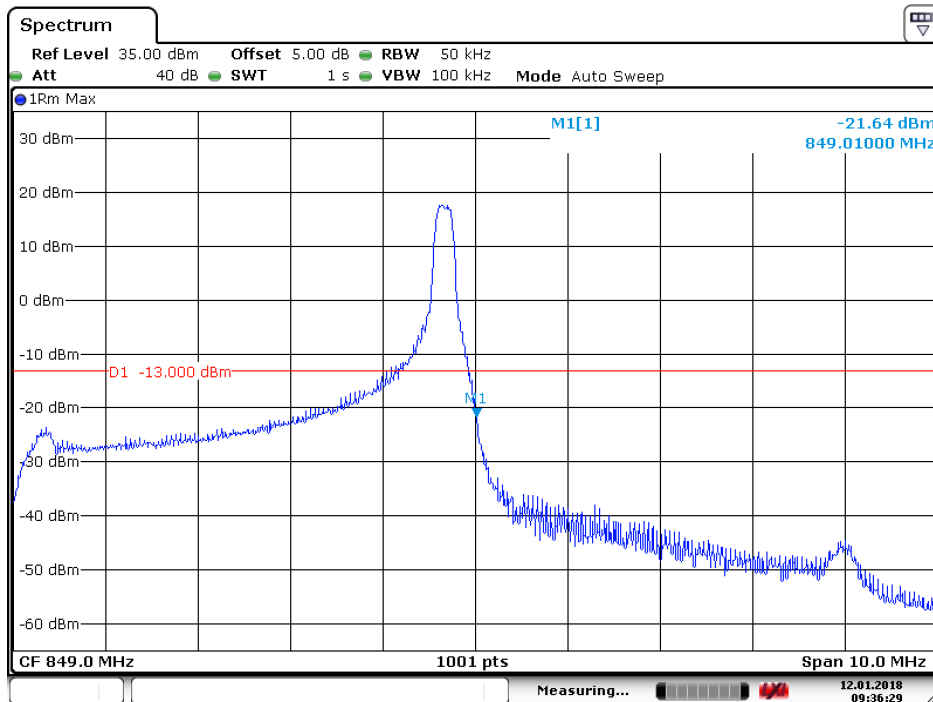
#### 5.1.1.8.1.2 Test RB=25RB



Date: 12.JAN.2018 09:33:03

#### 5.1.1.8.2 Test Channel = HCH

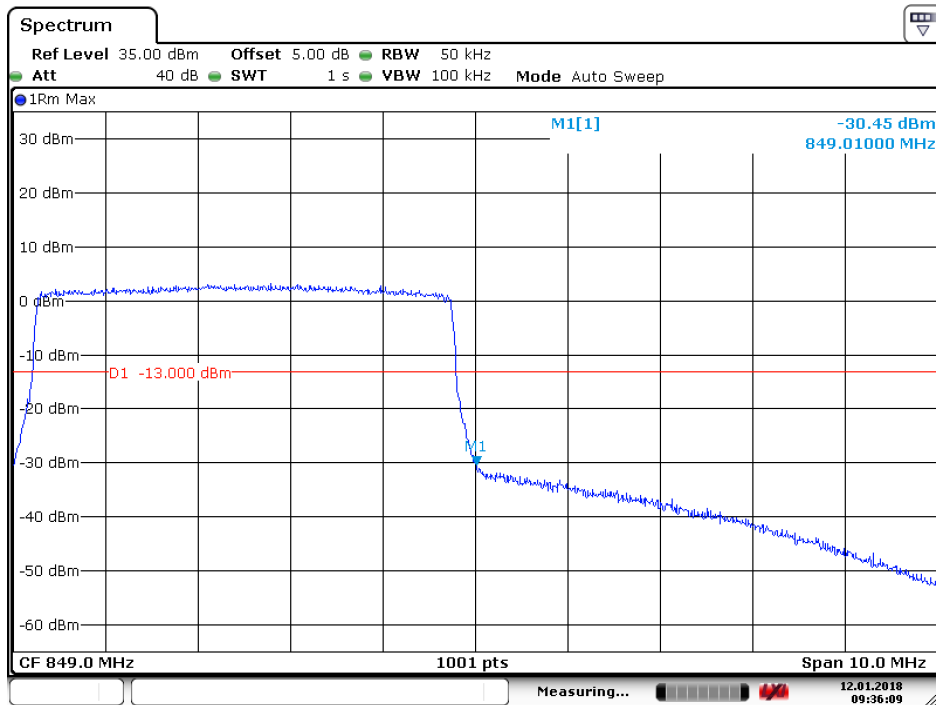
##### 5.1.1.8.2.1 Test RB=1RB



Date: 12.JAN.2018 09:36:30



#### 5.1.1.8.2.2 Test RB=25RB

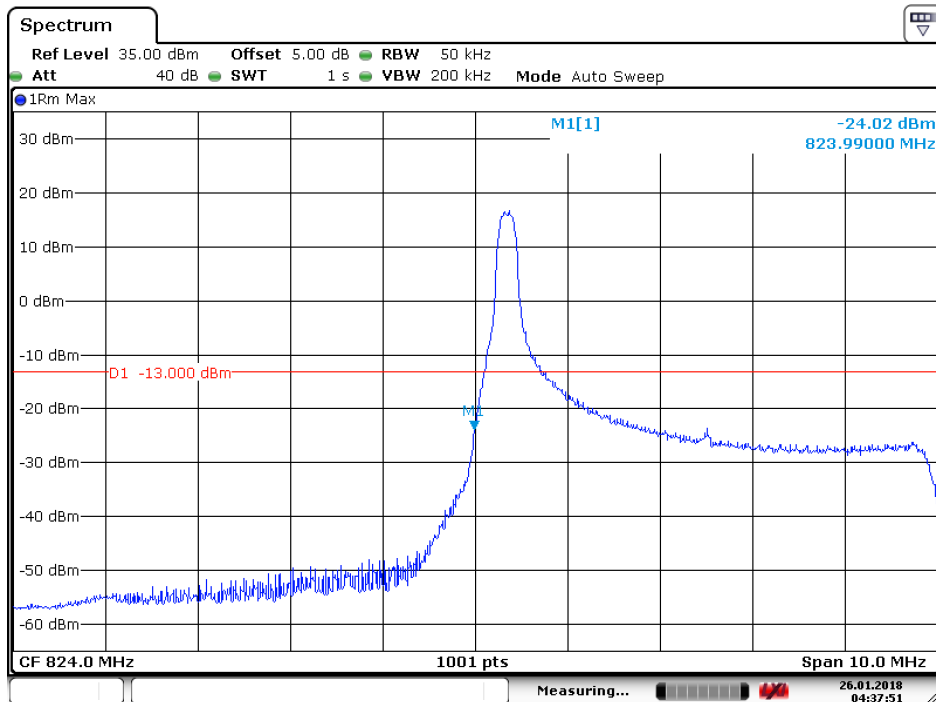


Date: 12.JAN.2018 09:36:10

#### 5.1.1.9 Test Mode = LTE/TM3 5MHz

##### 5.1.1.9.1 Test Channel = LCH

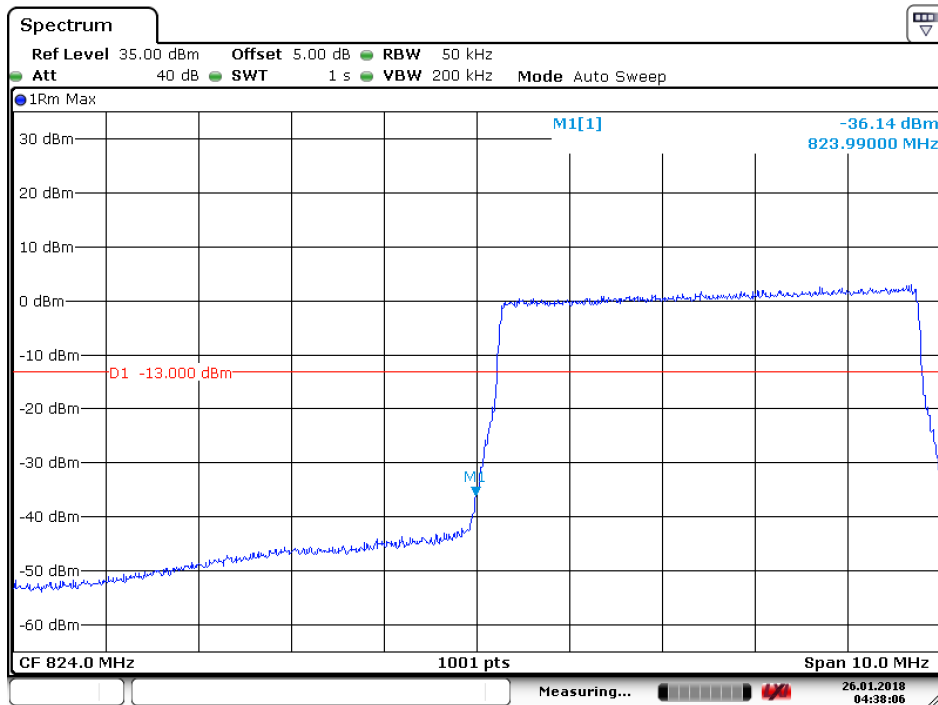
##### 5.1.1.9.1.1 Test RB=1RB



Date: 26.JAN.2018 04:37:52



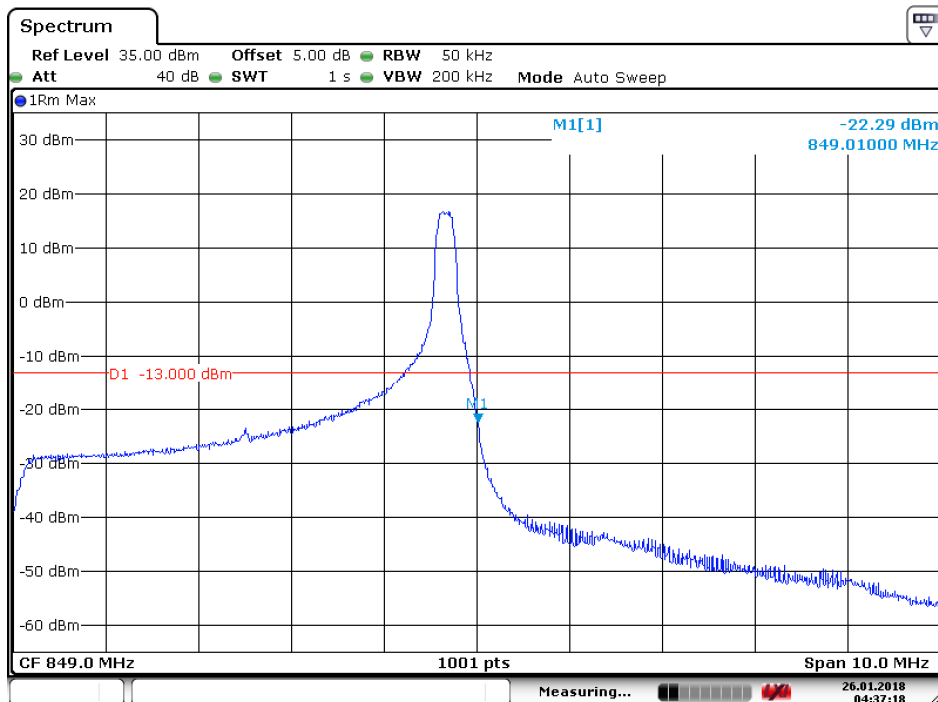
#### 5.1.1.9.1.2 Test RB=25RB



Date: 26.JAN.2018 04:38:06

#### 5.1.1.9.2 Test Channel = HCH

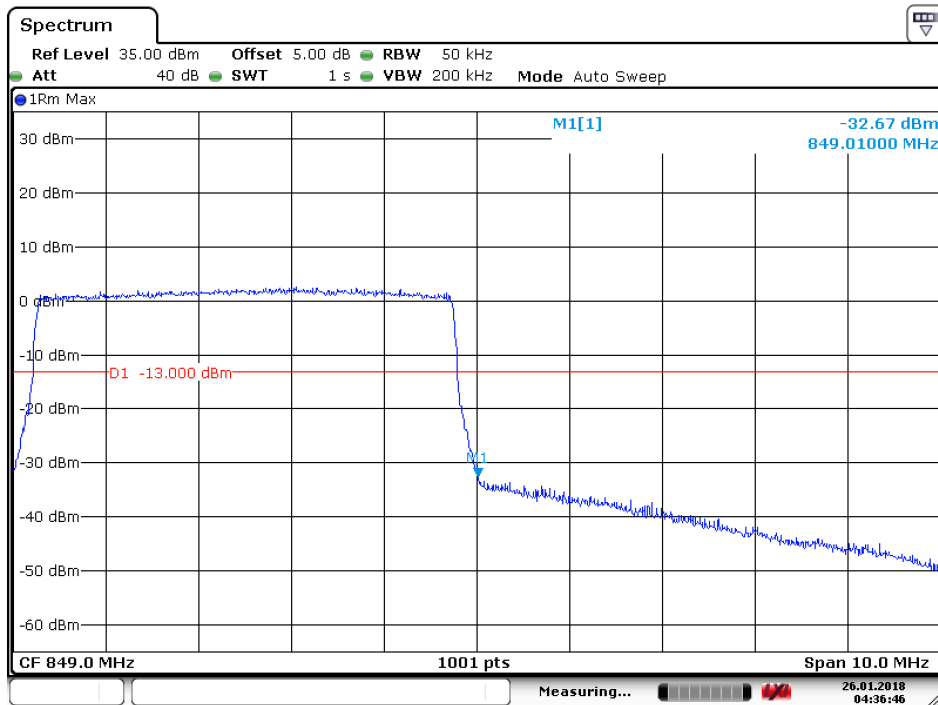
##### 5.1.1.9.2.1 Test RB=1RB



Date: 26.JAN.2018 04:37:18



#### 5.1.1.9.2.2 Test RB=25RB

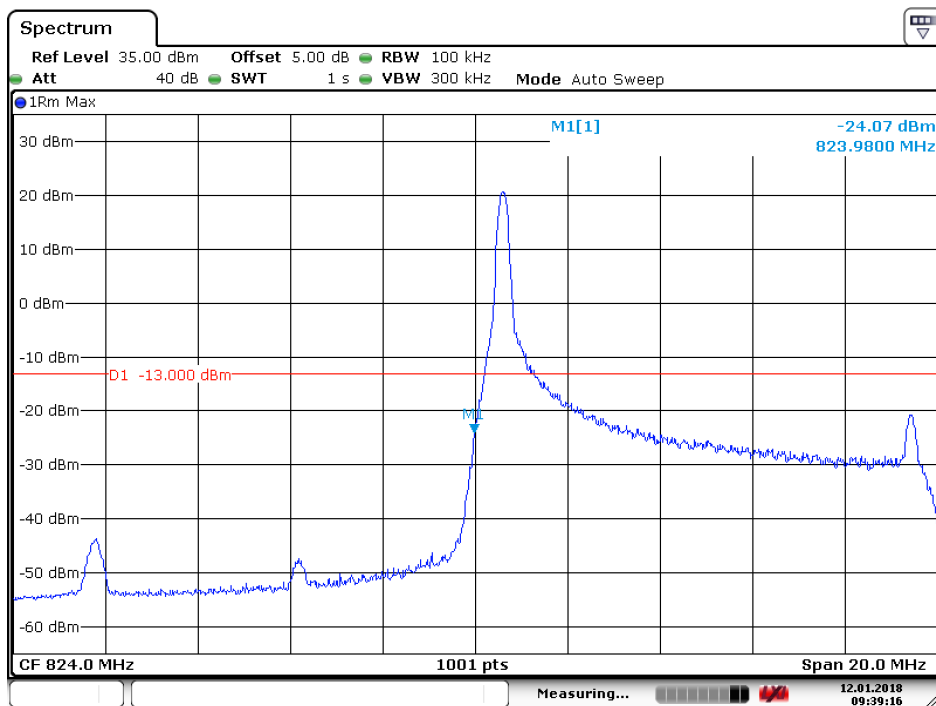


Date: 26.JAN.2018 04:36:46

#### 5.1.1.10 Test Mode = LTE/TM1 10MHz

##### 5.1.1.10.1 Test Channel = LCH

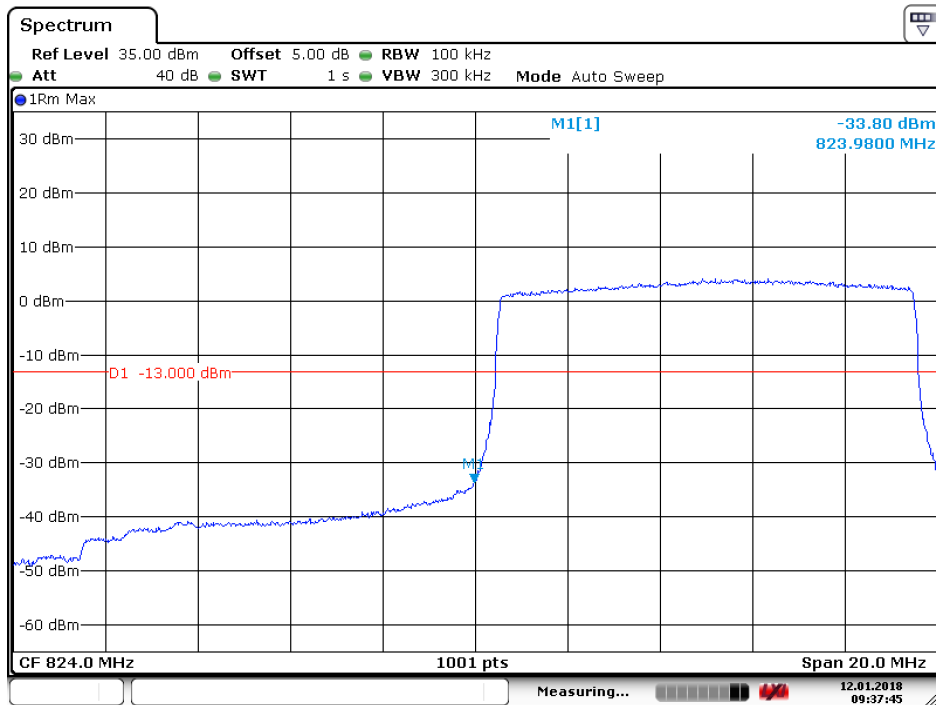
#### 5.1.1.10.1.1 Test RB=1RB



Date: 12.JAN.2018 09:39:16



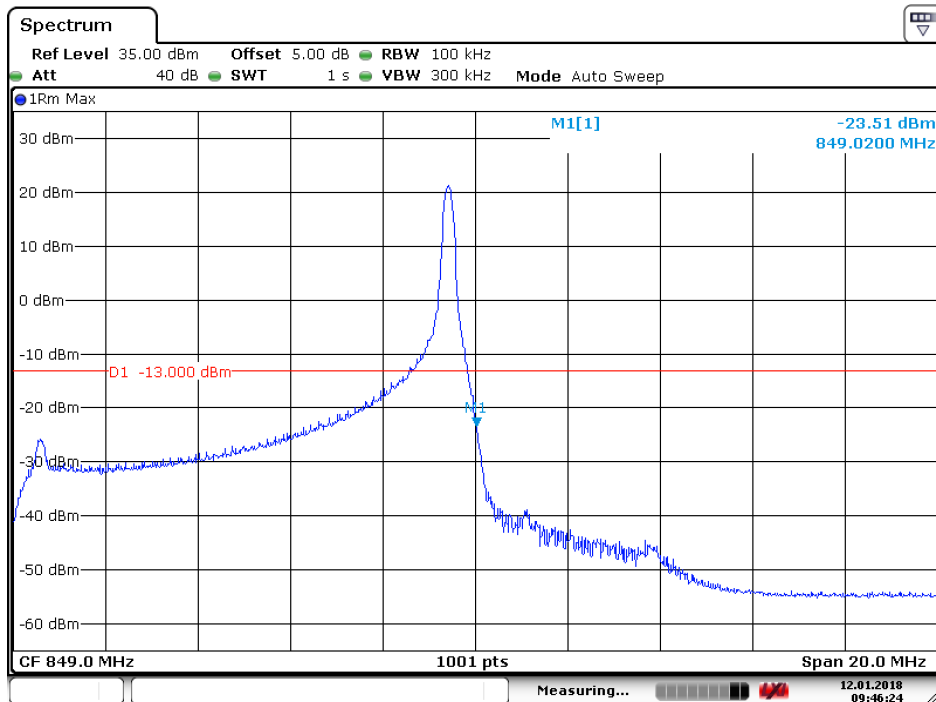
#### 5.1.1.10.1.2 Test RB=50RB



Date: 12.JAN.2018 09:37:46

#### 5.1.1.10.2 Test Channel = HCH

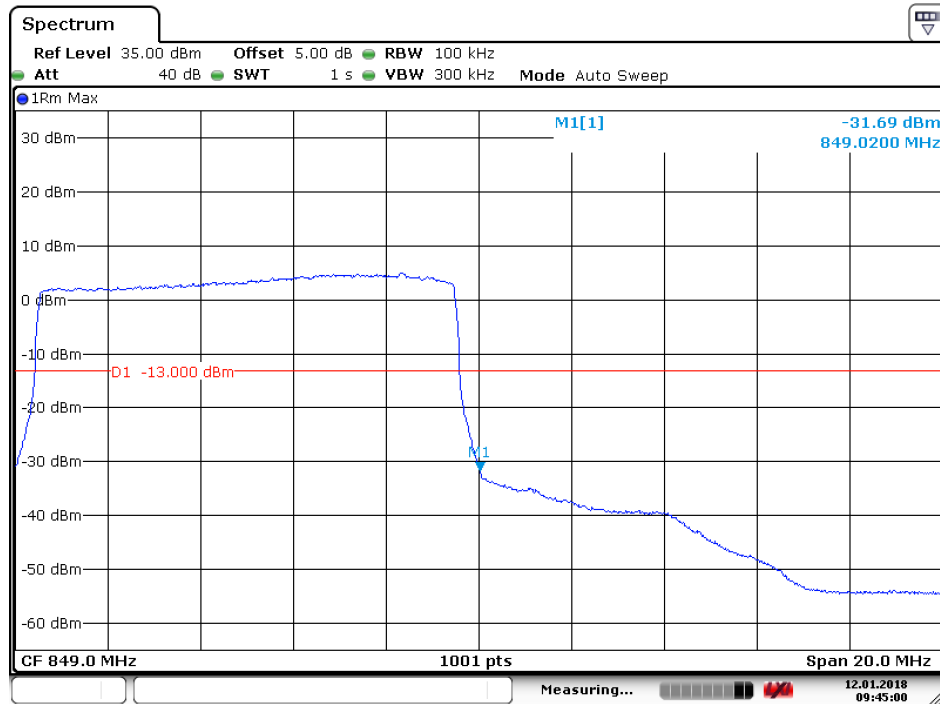
##### 5.1.1.10.2.1 Test RB=1RB



Date: 12.JAN.2018 09:46:25



#### 5.1.1.10.2 Test RB=50RB

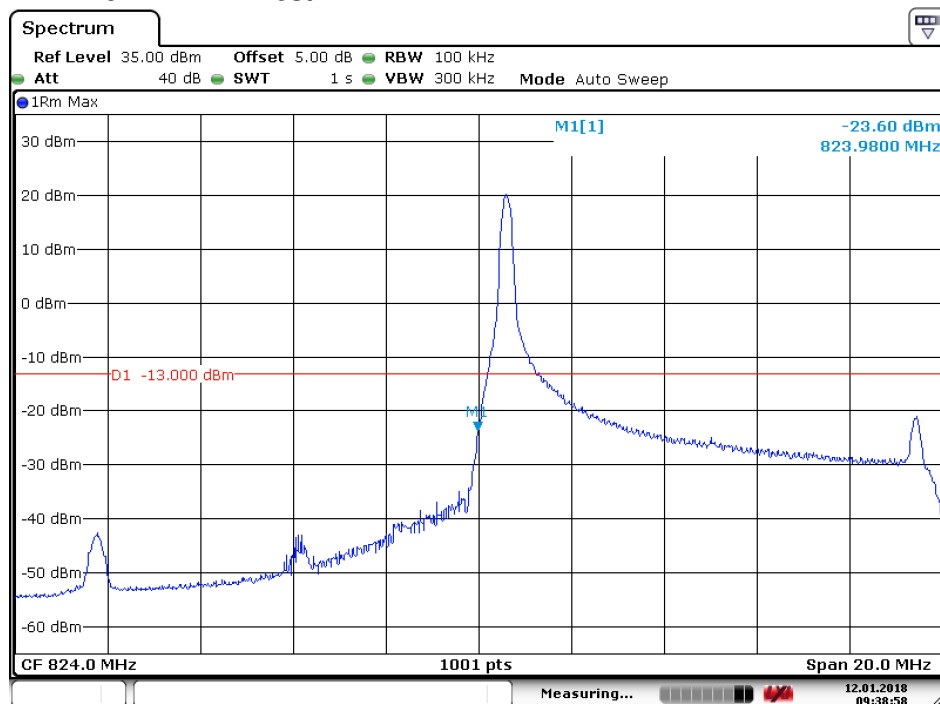


Date: 12.JAN.2018 09:45:00

#### 5.1.1.11 Test Mode = LTE/TM2 10MHz

##### 5.1.1.11.1 Test Channel = LCH

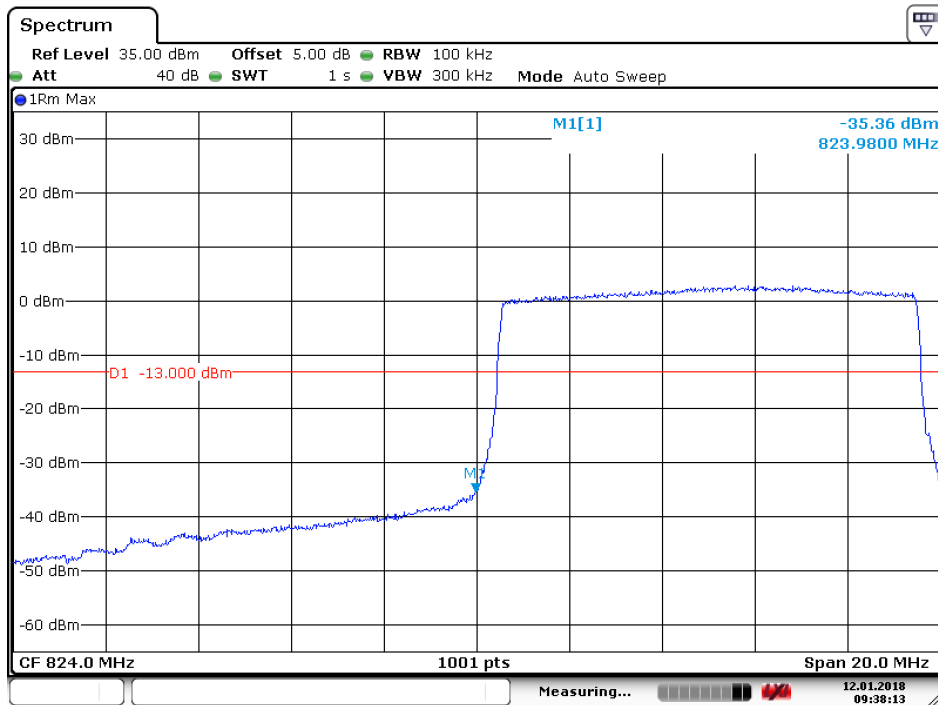
##### 5.1.1.11.1.1 Test RB=1RB



Date: 12.JAN.2018 09:38:59



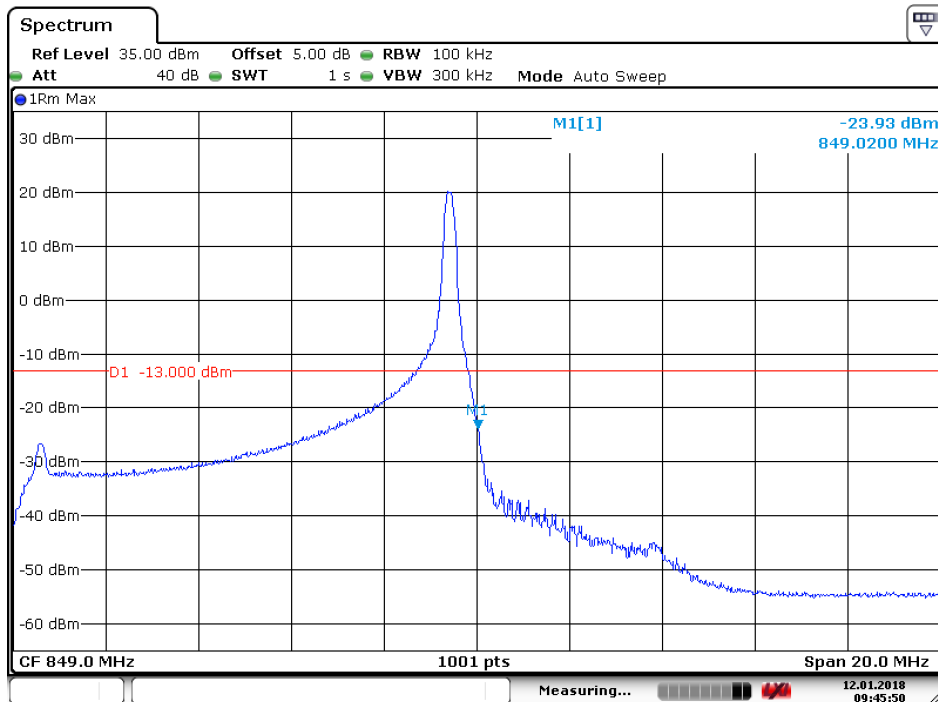
#### 5.1.1.11.2 Test RB=50RB



Date: 12.JAN.2018 09:38:13

#### 5.1.1.11.2 Test Channel = HCH

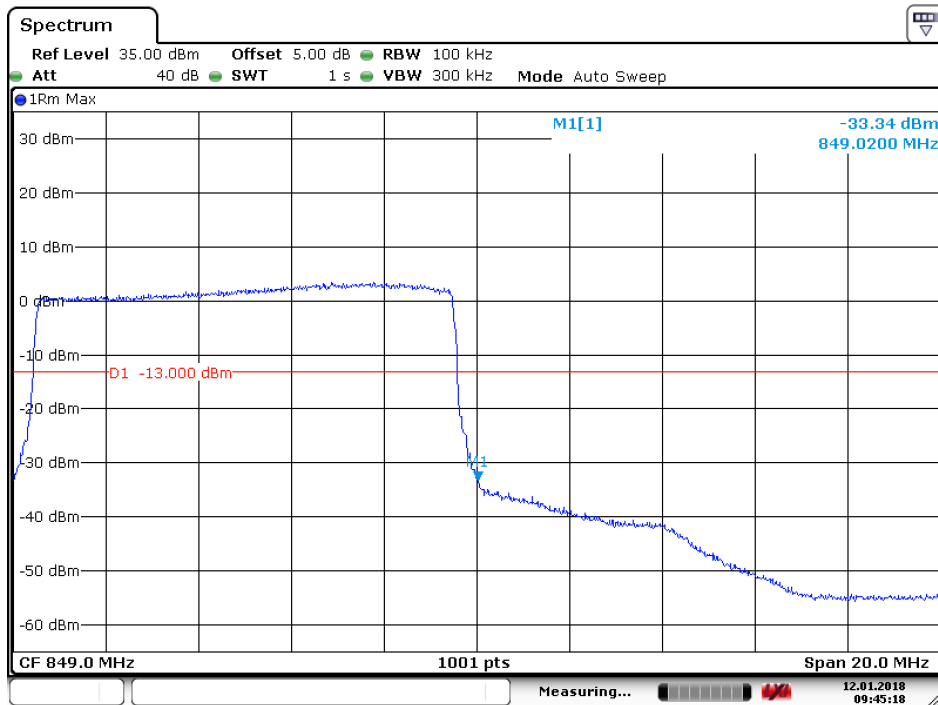
##### 5.1.1.11.2.1 Test RB=1RB



Date: 12.JAN.2018 09:45:51



#### 5.1.1.11.2.2 Test RB=50RB

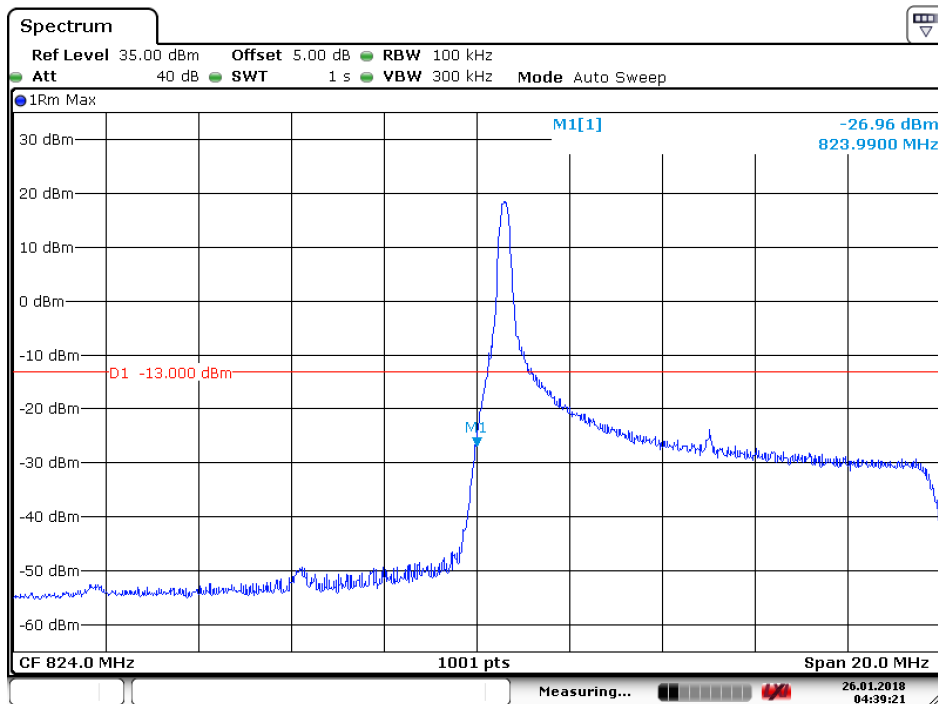


Date: 12.JAN.2018 09:45:18

#### 5.1.1.12 Test Mode = LTE/TM3 10MHz

##### 5.1.1.12.1 Test Channel = LCH

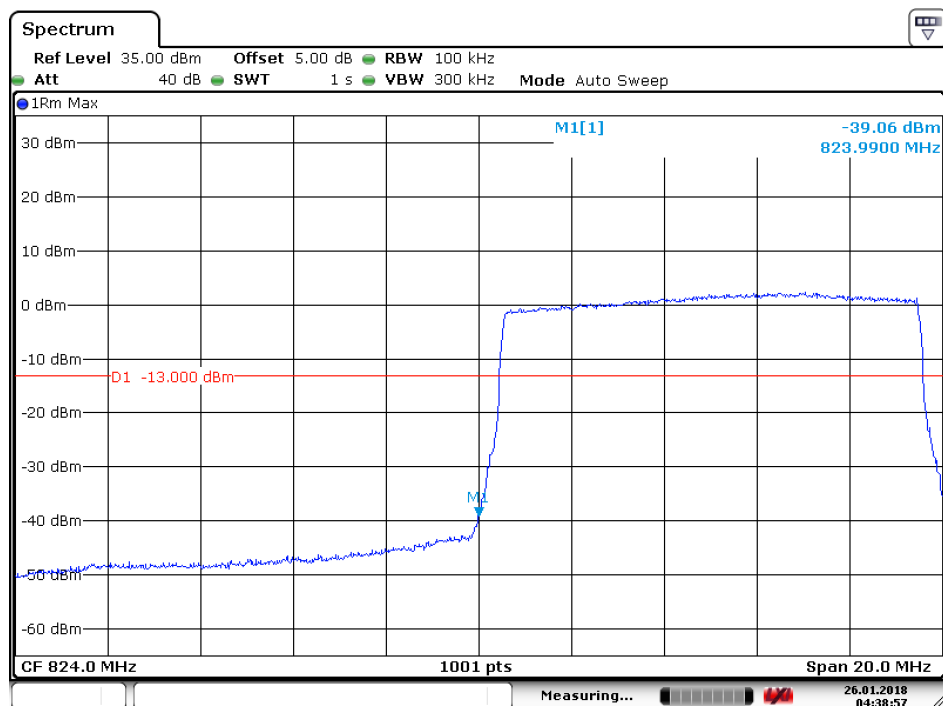
#### 5.1.1.12.1.1 Test RB=1RB



Date: 26.JAN.2018 04:39:21



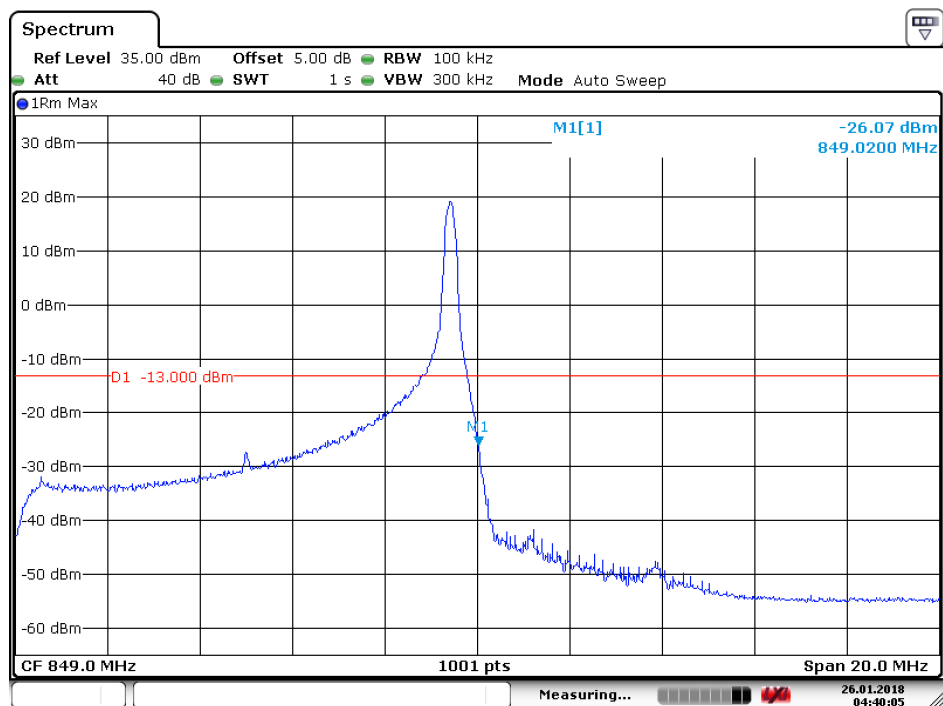
#### 5.1.1.12.1.2 Test RB=50RB



Date: 26.JAN.2018 04:38:57

#### 5.1.1.12.2 Test Channel = HCH

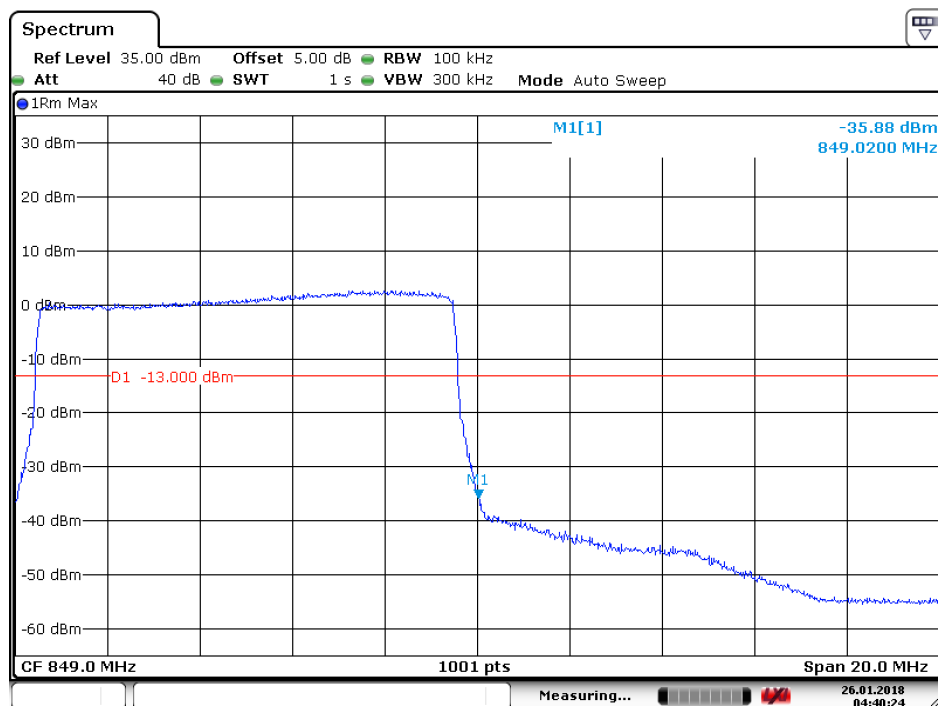
##### 5.1.1.12.2.1 Test RB=1RB



Date: 26.JAN.2018 04:40:06



#### 5.1.1.12.2 Test RB=50RB

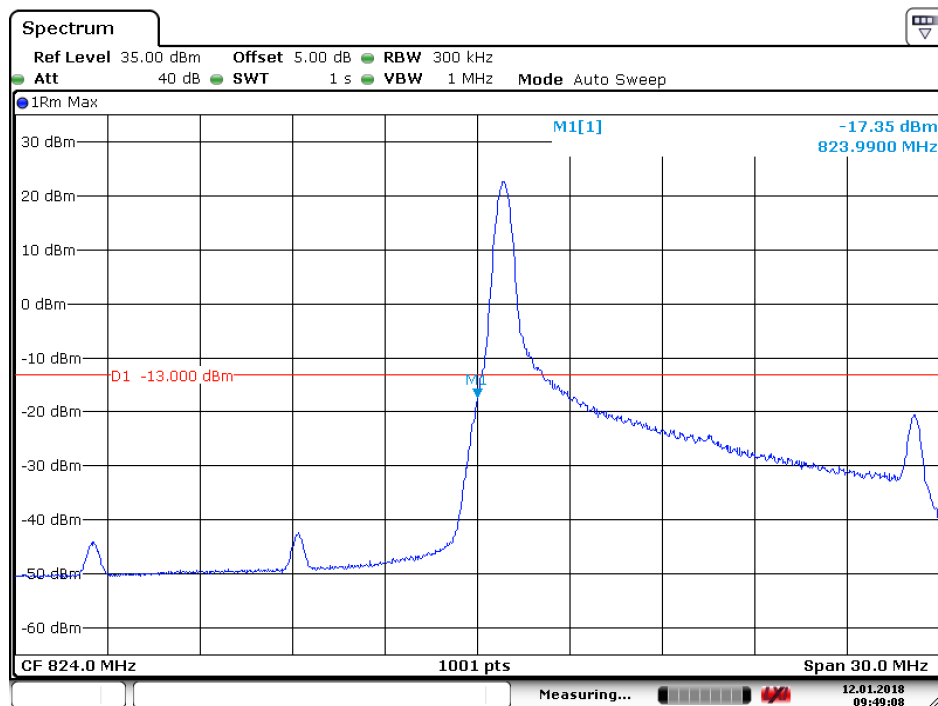


Date: 26.JAN.2018 04:40:25

#### 5.1.1.13 Test Mode = LTE/TM1 15MHz

##### 5.1.1.13.1 Test Channel = LCH

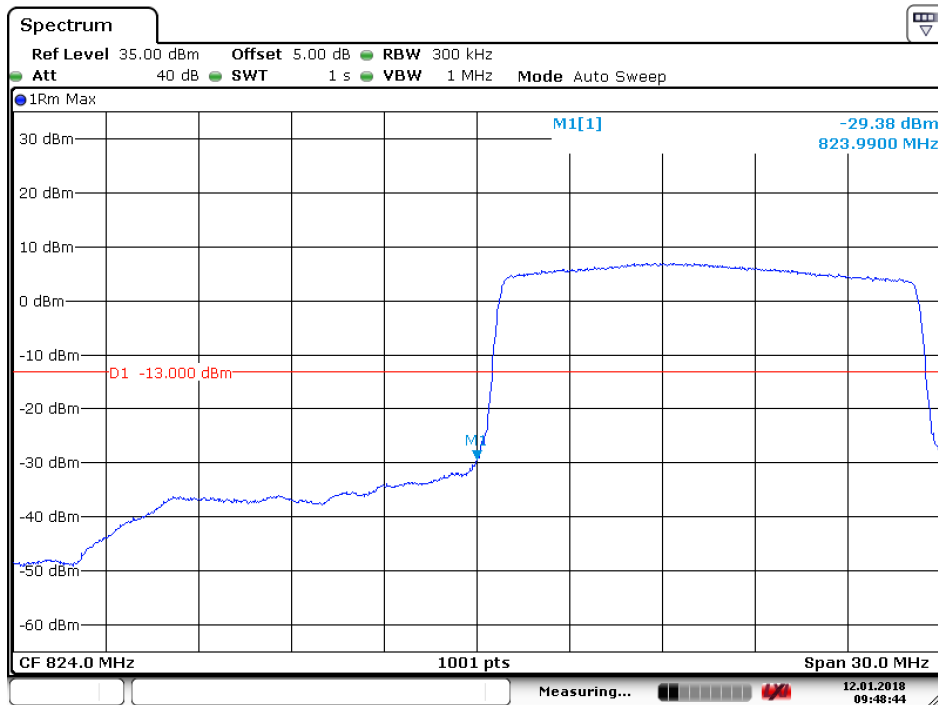
##### 5.1.1.13.1.1 Test RB=1RB



Date: 12.JAN.2018 09:49:08



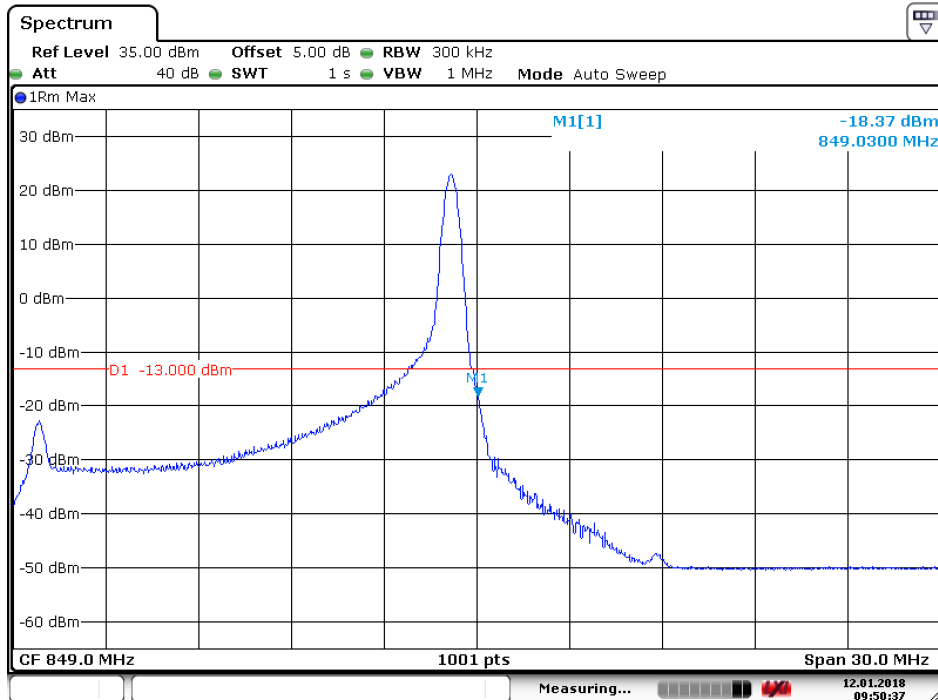
#### 5.1.1.13.1.2 Test RB=75RB



Date: 12.JAN.2018 09:48:45

#### 5.1.1.13.2 Test Channel = HCH

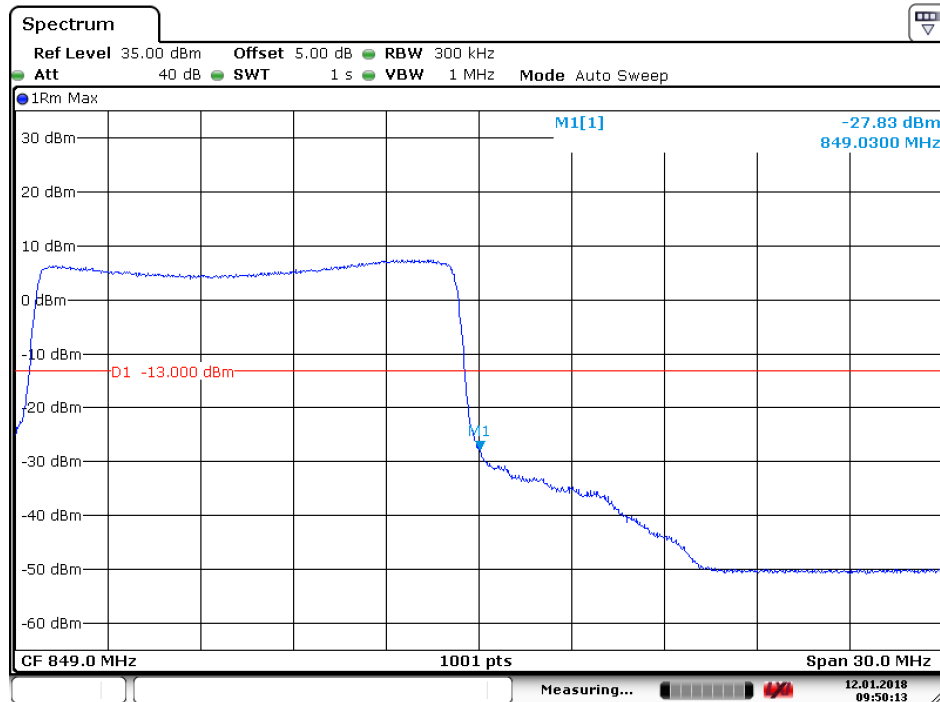
##### 5.1.1.13.2.1 Test RB=1RB



Date: 12.JAN.2018 09:50:38



#### 5.1.1.13.2 Test RB=75RB

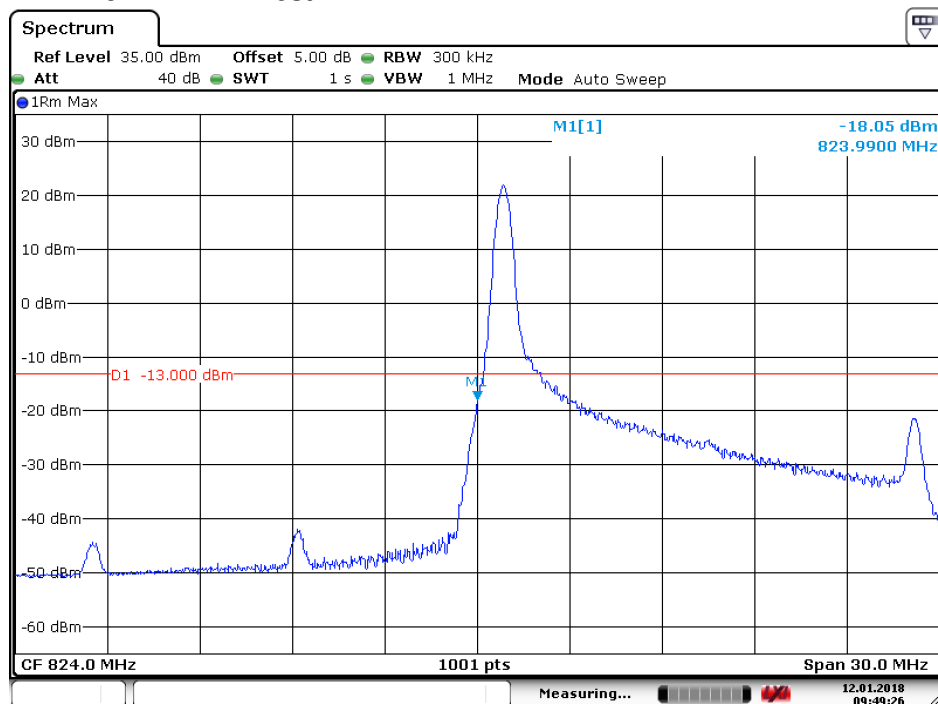


Date: 12.JAN.2018 09:50:13

#### 5.1.1.14 Test Mode = LTE/TM2 15MHz

##### 5.1.1.14.1 Test Channel = LCH

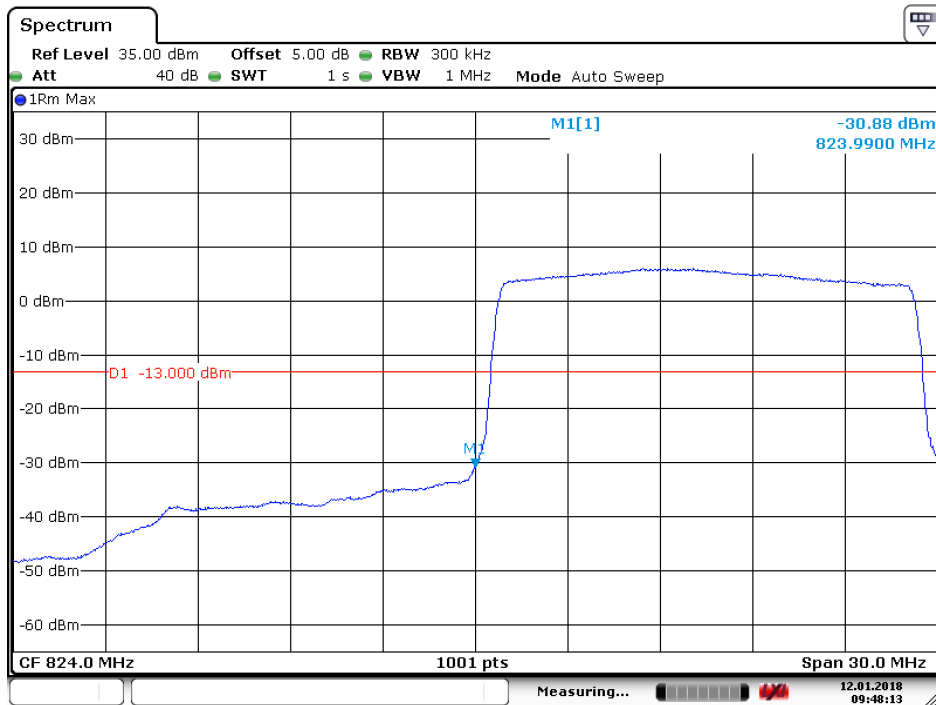
##### 5.1.1.14.1.1 Test RB=1RB



Date: 12.JAN.2018 09:49:26



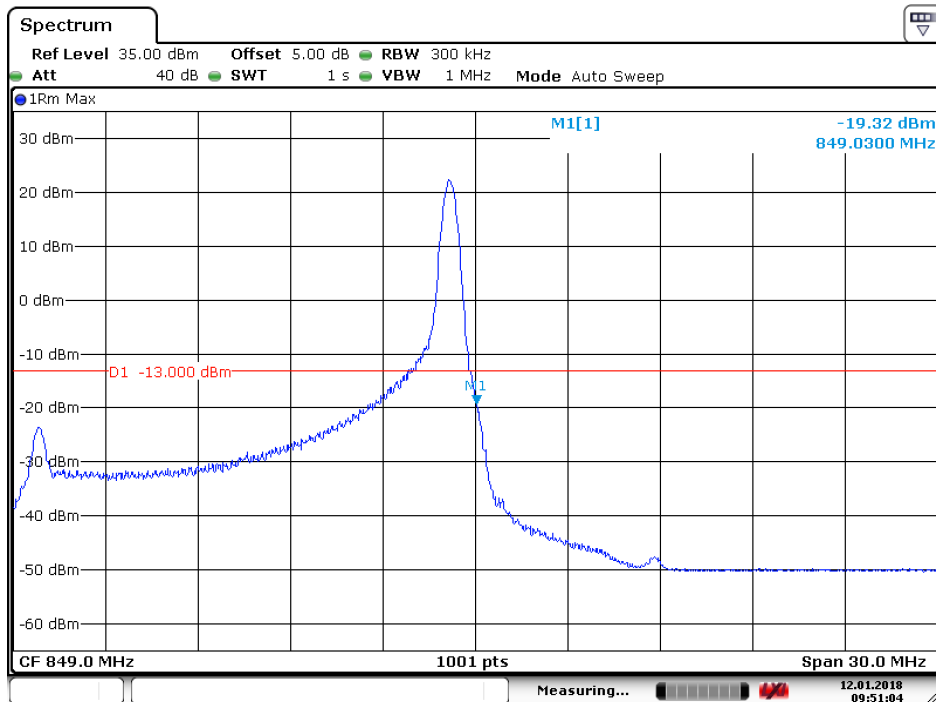
5.1.1.14.1.2 Test RB=75RB



Date: 12.JAN.2018 09:48:13

5.1.1.14.2 Test Channel = HCH

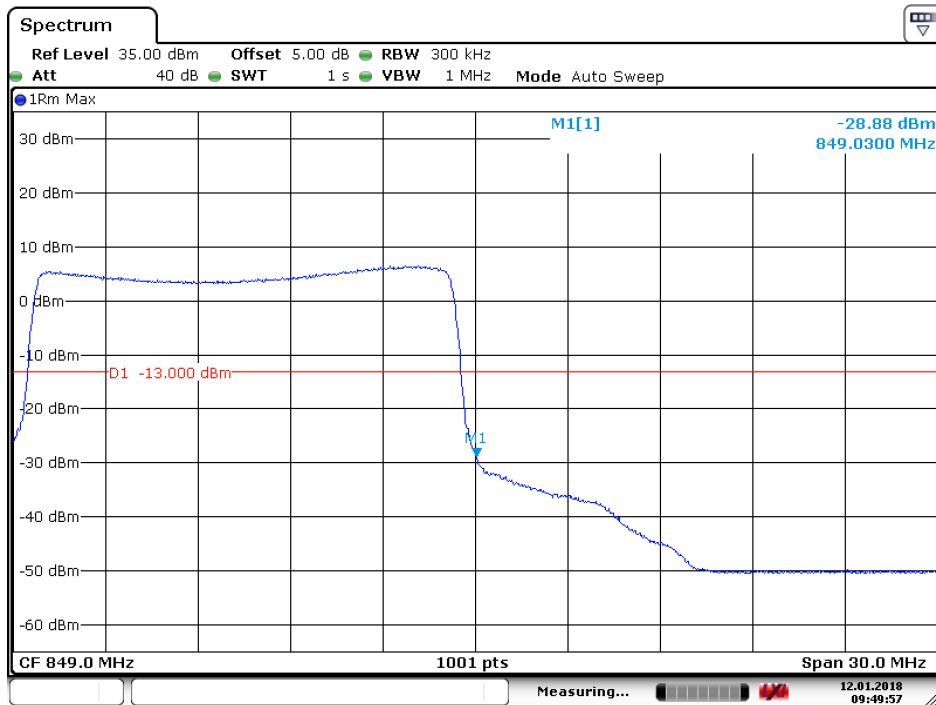
5.1.1.14.2.1 Test RB=1RB



Date: 12.JAN.2018 09:51:04



#### 5.1.1.14.2.2 Test RB=75RB

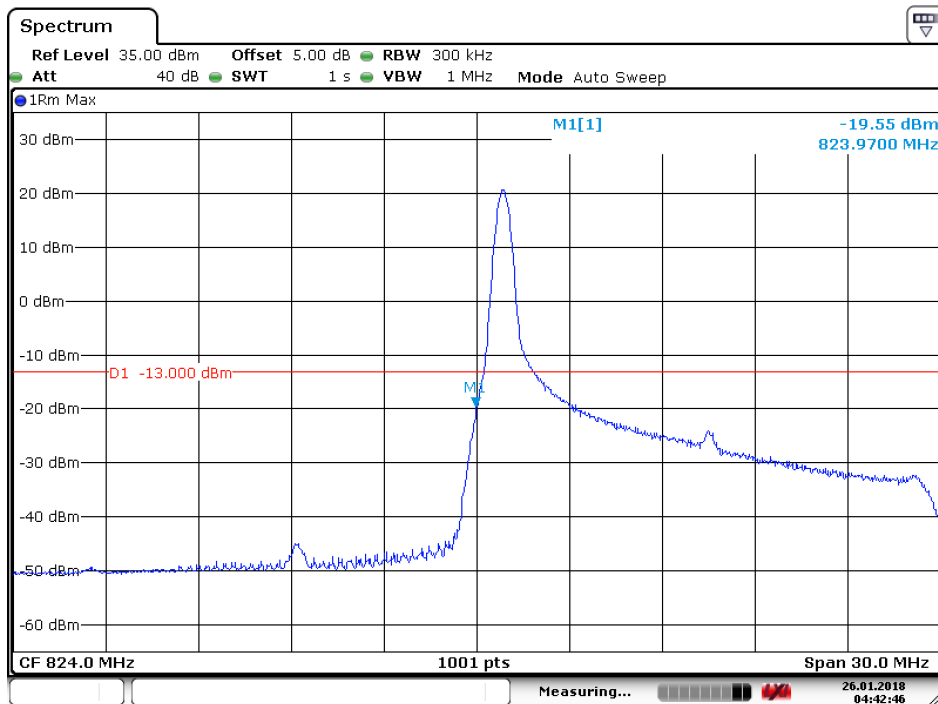


Date: 12.JAN.2018 09:49:58

#### 5.1.1.15 Test Mode = LTE/TM3 15MHz

##### 5.1.1.15.1 Test Channel = LCH

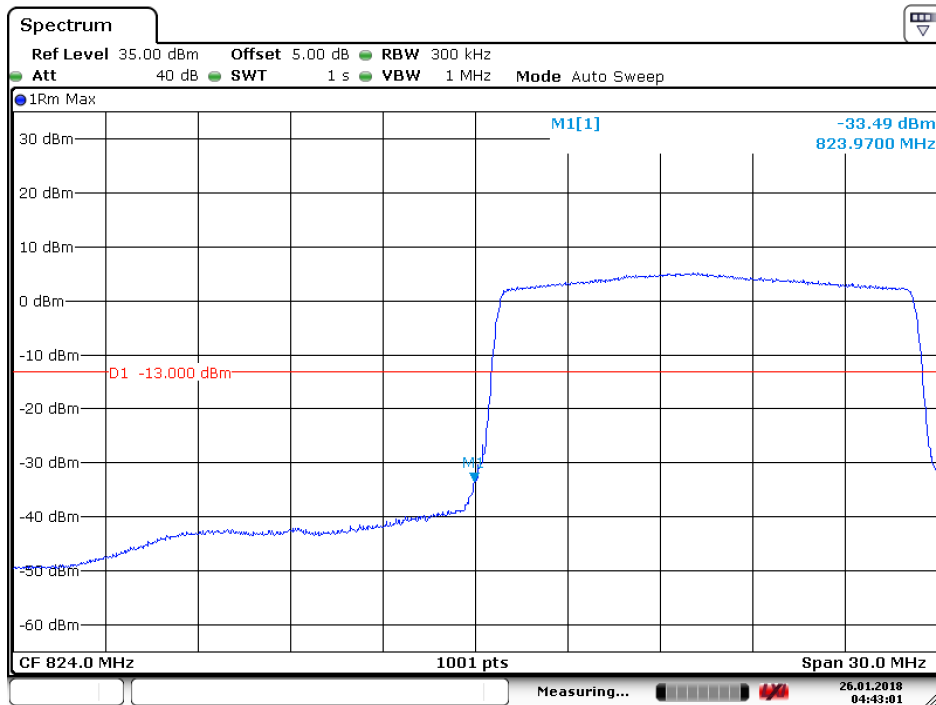
##### 5.1.1.15.1.1 Test RB=1RB



Date: 26.JAN.2018 04:42:47



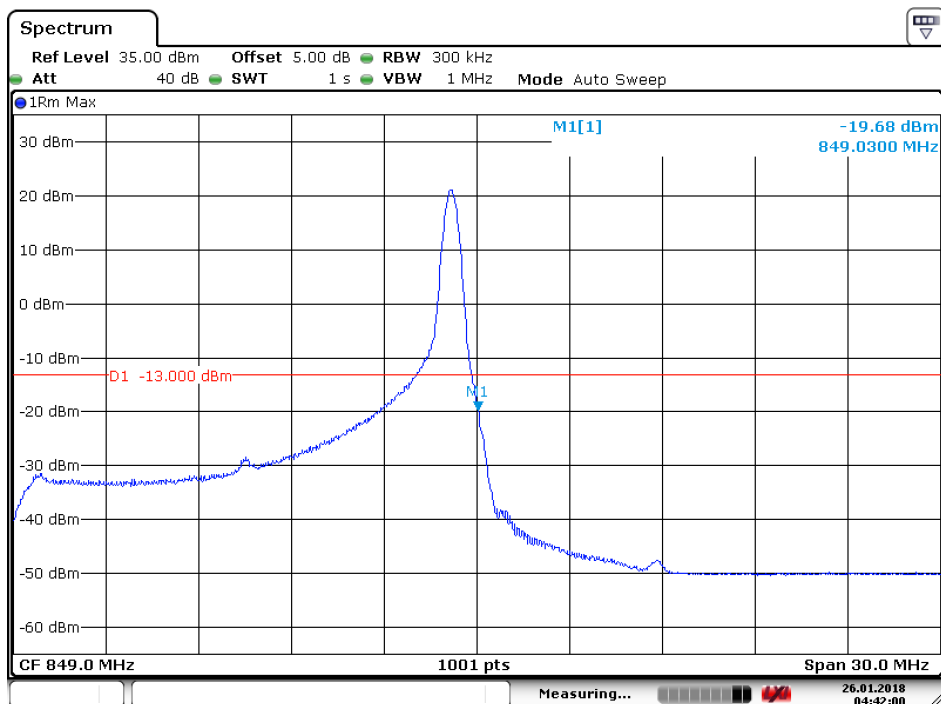
#### 5.1.1.15.1.2 Test RB=75RB



Date: 26.JAN.2018 04:43:01

#### 5.1.1.15.2 Test Channel = HCH

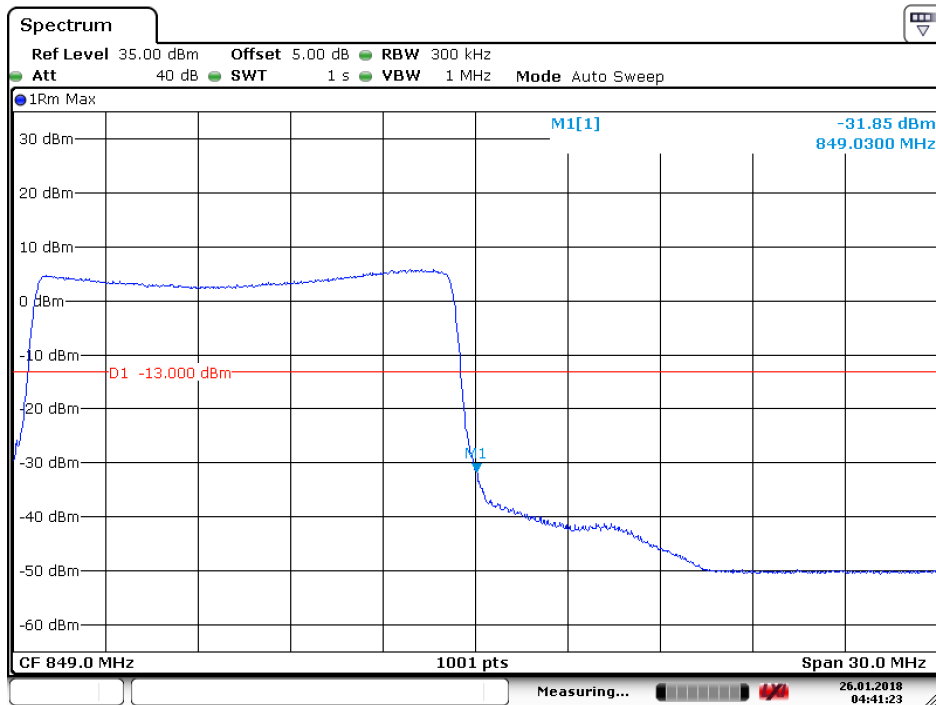
##### 5.1.1.15.2.1 Test RB=1RB



Date: 26.JAN.2018 04:42:00



5.1.1.15.2.2 Test RB=75RB



Date: 26.JAN.2018 04:41:23

## 6 Spurious Emission at Antenna Terminal

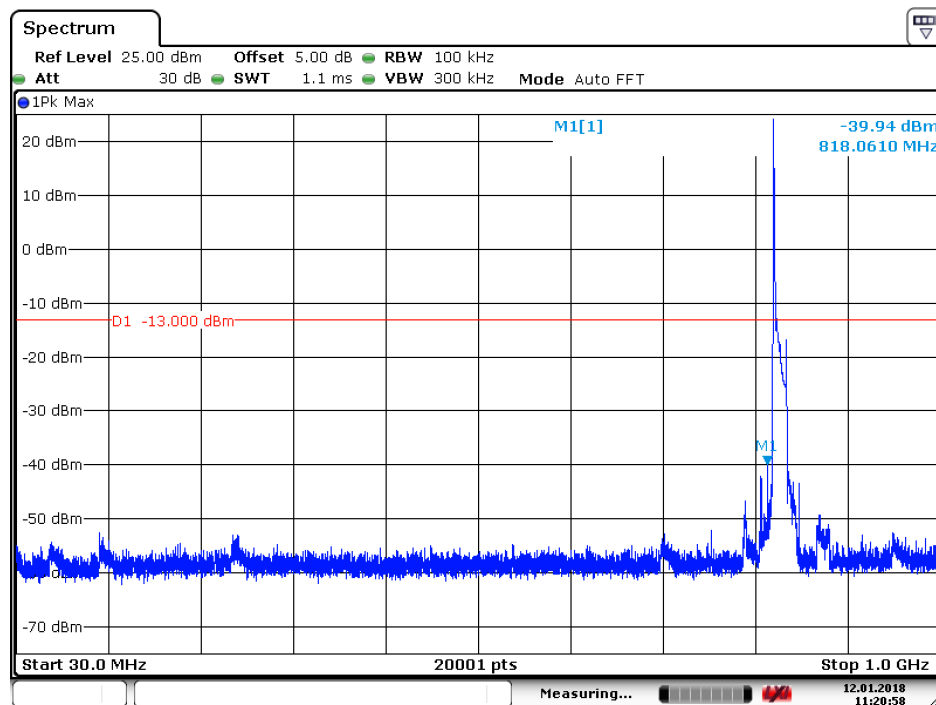
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = 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

Part I - Test Plots

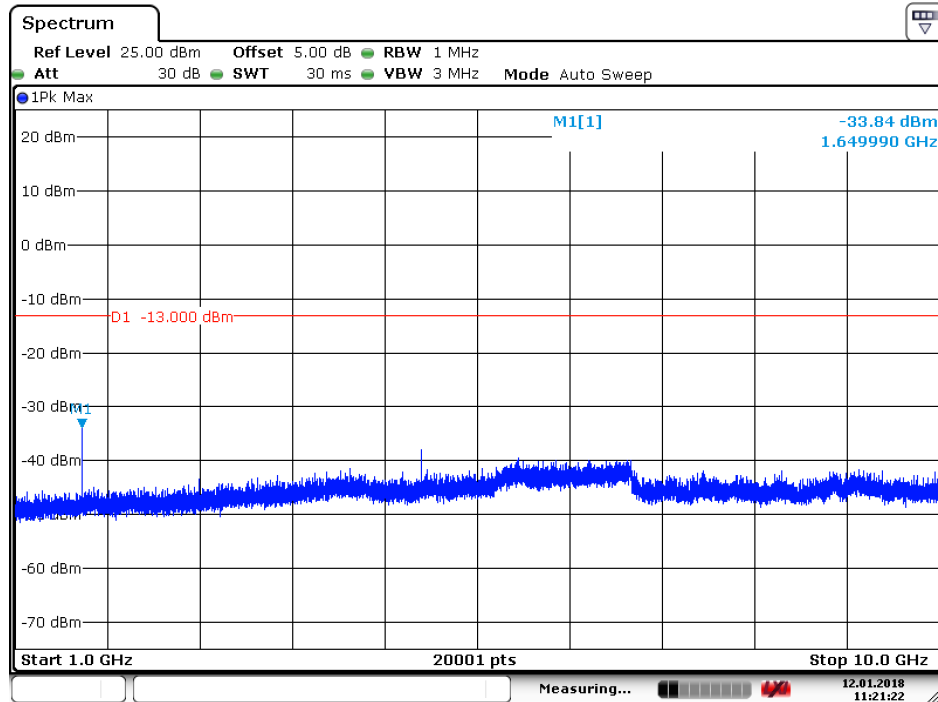
### 6.1 For LTE

#### 6.1.1.1 Test Mode = LTE / TM1 15MHz RB1#0

##### 6.1.1.1.1 Test Channel = LCH

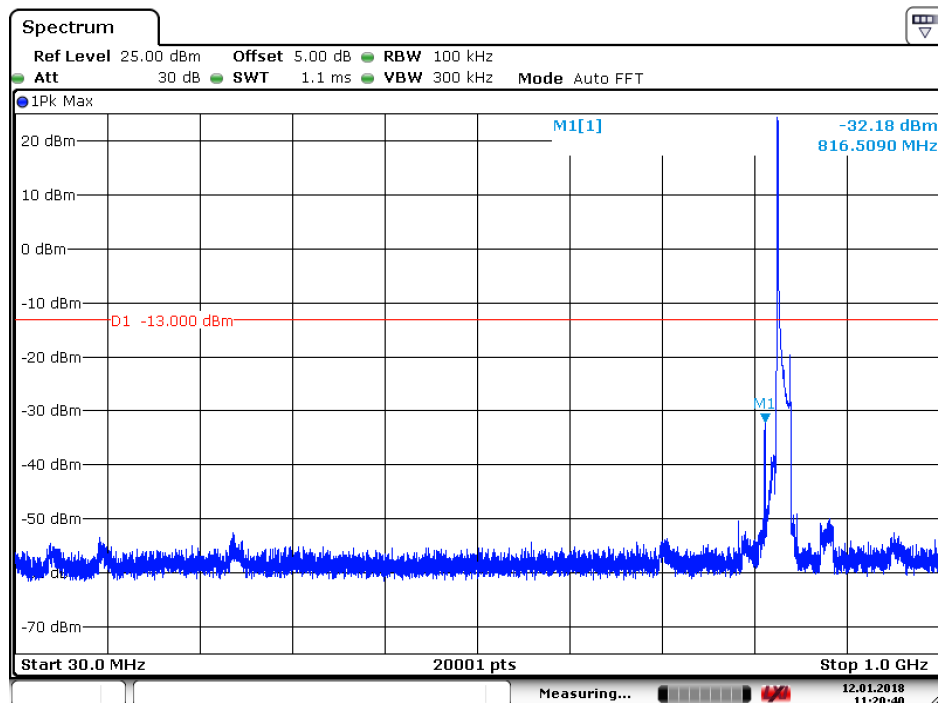


Date: 12.JAN.2018 11:20:58

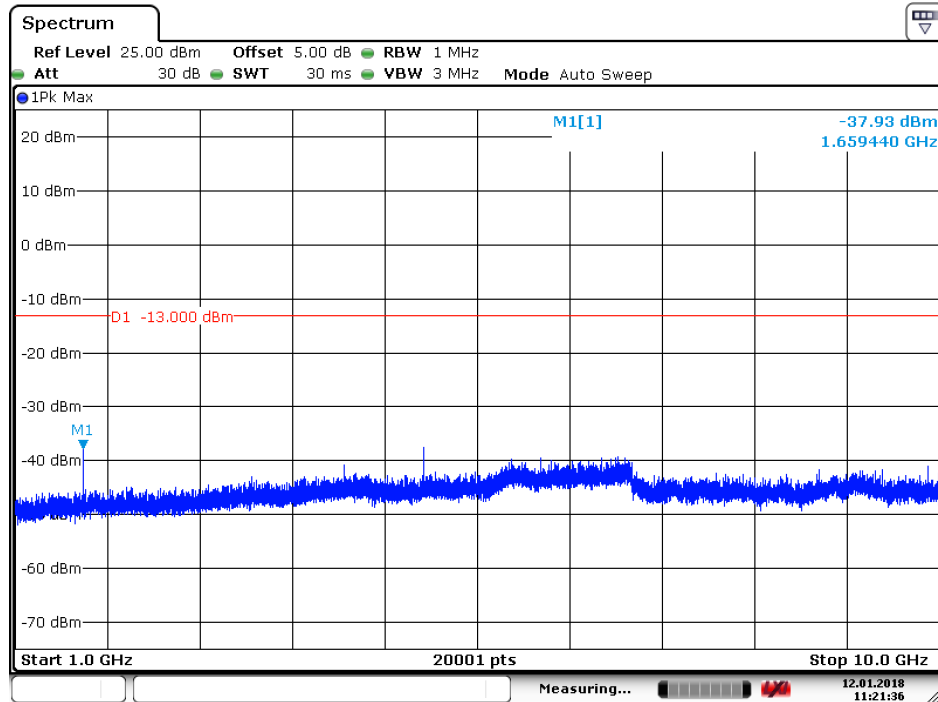


Date: 12.JAN.2018 11:21:22

#### 6.1.1.1.2 Test Channel = MCH

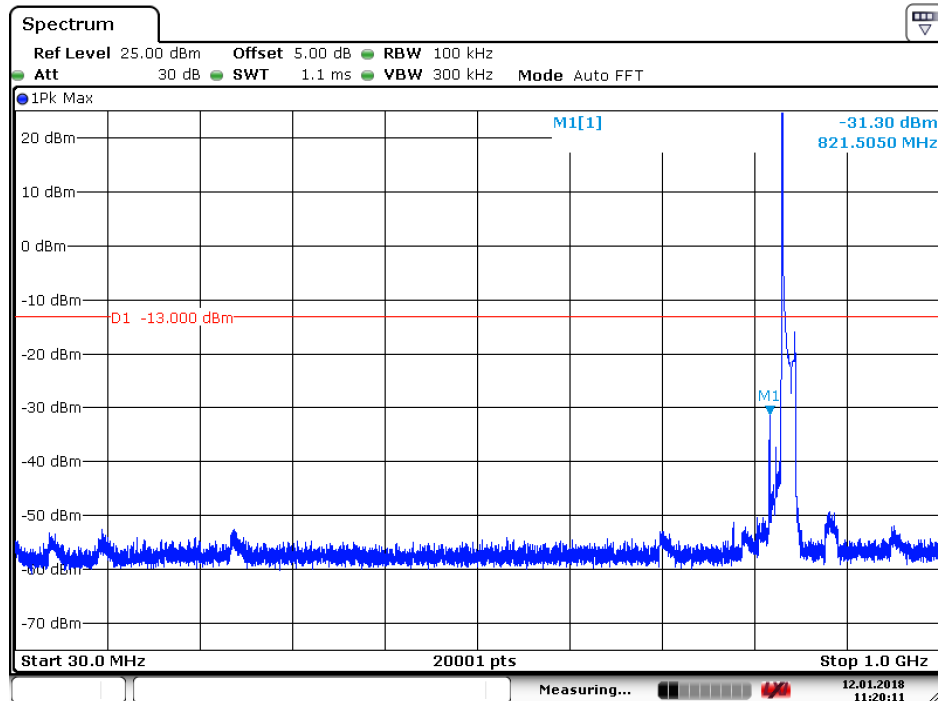


Date: 12.JAN.2018 11:20:41

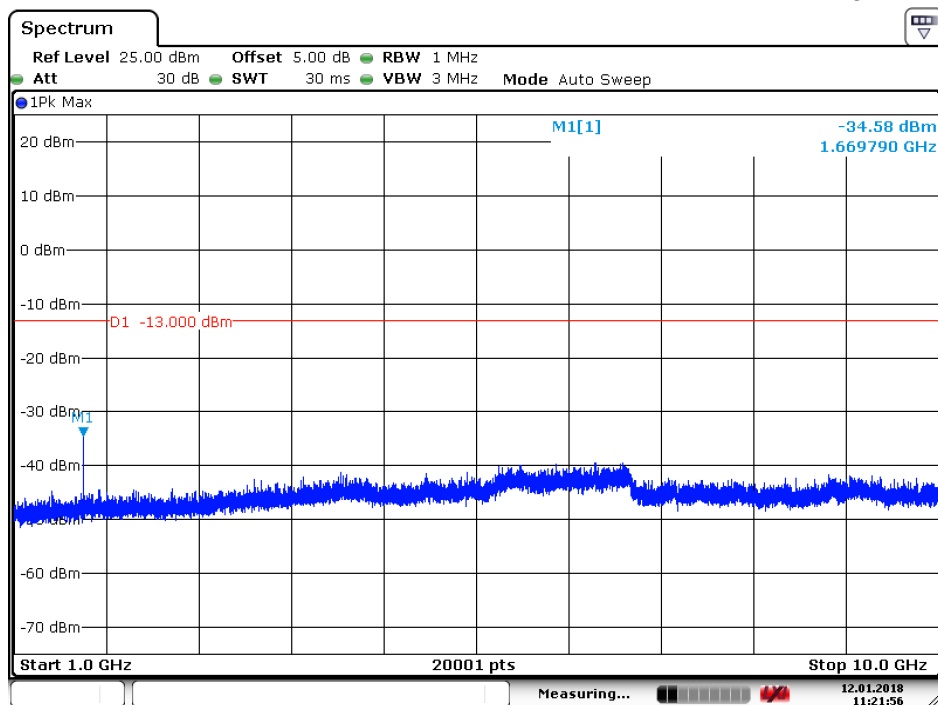


Date: 12.JAN.2018 11:21:36

#### 6.1.1.1.3 Test Channel = HCH



Date: 12.JAN.2018 11:20:12



Date: 12. JAN. 2018 11:21:56



## 7 Field Strength of Spurious Radiation

### 7.1 For LTE

#### 7.1.1 Test Band = LTE band26

##### Diversity antenna

##### 7.1.1.1 Test Mode =LTE/TM1 15MHz RB1#0

##### 7.1.1.1.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Over Limit (dB) | Polarization |
|-----------------|-------------|------------------|-----------------|--------------|
| 39.426667       | -76.45      | -13.00           | 63.45           | Vertical     |
| 69.386667       | -75.78      | -13.00           | 62.78           | Vertical     |
| 397.080000      | -77.96      | -13.00           | 64.96           | Vertical     |
| 1303.000000     | -67.01      | -13.00           | 54.01           | Vertical     |
| 4024.237500     | -67.71      | -13.00           | 54.71           | Vertical     |
| 7284.150000     | -65.15      | -13.00           | 52.15           | Vertical     |
| 63.506667       | -76.03      | -13.00           | 63.03           | Horizontal   |
| 610.508333      | -77.05      | -13.00           | 64.05           | Horizontal   |
| 1199.000000     | -66.99      | -13.00           | 53.99           | Horizontal   |
| 2706.500000     | -57.56      | -13.00           | 44.56           | Horizontal   |
| 4285.537500     | -66.82      | -13.00           | 53.82           | Horizontal   |
| 9265.350000     | -63.95      | -13.00           | 50.95           | Horizontal   |

##### 7.1.1.1.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Over Limit (dB) | Polarization |
|-----------------|-------------|------------------|-----------------|--------------|
| 39.426667       | -77.11      | -13.00           | 64.11           | Vertical     |
| 65.560000       | -77.05      | -13.00           | 64.05           | Vertical     |
| 599.645833      | -74.96      | -13.00           | 61.96           | Vertical     |
| 2397.000000     | -59.01      | -13.00           | 46.01           | Vertical     |
| 4298.212500     | -67.05      | -13.00           | 54.05           | Vertical     |
| 6833.700000     | -65.26      | -13.00           | 52.26           | Vertical     |
| 63.086667       | -77.22      | -13.00           | 64.22           | Horizontal   |
| 184.420000      | -83.98      | -13.00           | 70.98           | Horizontal   |
| 621.508333      | -76.78      | -13.00           | 63.78           | Horizontal   |
| 2771.000000     | -57.43      | -13.00           | 44.43           | Horizontal   |
| 4194.862500     | -67.32      | -13.00           | 54.32           | Horizontal   |
| 9243.412500     | -64.02      | -13.00           | 51.02           | Horizontal   |



7.1.1.1.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Over Limit (dB) | Polarization |
|-----------------|-------------|------------------|-----------------|--------------|
| 39.800000       | -76.49      | -13.00           | 63.49           | Vertical     |
| 69.340000       | -77.08      | -13.00           | 64.08           | Vertical     |
| 600.425000      | -75.20      | -13.00           | 62.20           | Vertical     |
| 1267.500000     | -66.40      | -13.00           | 53.40           | Vertical     |
| 3995.962500     | -68.05      | -13.00           | 55.05           | Vertical     |
| 6497.812500     | -64.88      | -13.00           | 51.88           | Vertical     |
| 63.273333       | -76.77      | -13.00           | 63.77           | Horizontal   |
| 601.479167      | -76.98      | -13.00           | 63.98           | Horizontal   |
| 1128.500000     | -67.13      | -13.00           | 54.13           | Horizontal   |
| 2743.000000     | -57.36      | -13.00           | 44.36           | Horizontal   |
| 4647.750000     | -67.11      | -13.00           | 54.11           | Horizontal   |
| 6580.200000     | -65.48      | -13.00           | 52.48           | Horizontal   |

Main antenna

7.1.1.2 Test Mode =LTE/TM1 15MHz RB1#0

7.1.1.2.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Over Limit (dB) | Polarization |
|-----------------|-------------|------------------|-----------------|--------------|
| 40.173333       | -74.42      | -13.00           | 61.42           | Vertical     |
| 66.866667       | -75.83      | -13.00           | 62.83           | Vertical     |
| 200.426667      | -74.58      | -13.00           | 61.58           | Vertical     |
| 2661.500000     | -57.45      | -13.00           | 44.45           | Vertical     |
| 3298.350000     | -67.45      | -13.00           | 54.45           | Vertical     |
| 4947.562500     | -65.56      | -13.00           | 52.56           | Vertical     |
| 65.046667       | -76.16      | -13.00           | 63.16           | Horizontal   |
| 203.133333      | -77.63      | -13.00           | 64.63           | Horizontal   |
| 1128.000000     | -67.03      | -13.00           | 54.03           | Horizontal   |
| 2104.000000     | -62.44      | -13.00           | 49.44           | Horizontal   |
| 4947.075000     | -56.47      | -13.00           | 43.47           | Horizontal   |
| 7245.150000     | -64.94      | -13.00           | 51.94           | Horizontal   |



**7.1.1.2.2 Test Channel = MCH**

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Over Limit (dB) | Polarization |
|-----------------|-------------|------------------|-----------------|--------------|
| 65.980000       | -80.52      | -13.00           | 67.52           | Vertical     |
| 611.150000      | -80.03      | -13.00           | 67.03           | Vertical     |
| 1085.500000     | -63.38      | -13.00           | 50.38           | Vertical     |
| 2881.500000     | -57.12      | -13.00           | 44.12           | Vertical     |
| 4992.412500     | -63.85      | -13.00           | 50.85           | Vertical     |
| 6585.562500     | -64.92      | -13.00           | 51.92           | Vertical     |
| 63.506667       | -78.00      | -13.00           | 65.00           | Horizontal   |
| 469.891667      | -77.21      | -13.00           | 64.21           | Horizontal   |
| 1279.000000     | -67.27      | -13.00           | 54.27           | Horizontal   |
| 2589.000000     | -54.87      | -13.00           | 41.87           | Horizontal   |
| 4992.412500     | -64.14      | -13.00           | 51.14           | Horizontal   |
| 9707.025000     | -64.57      | -13.00           | 51.57           | Horizontal   |

**7.1.1.2.3 Test Channel = HCH**

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Over Limit (dB) | Polarization |
|-----------------|-------------|------------------|-----------------|--------------|
| 39.520000       | -75.91      | -13.00           | 62.91           | Vertical     |
| 70.740000       | -76.14      | -13.00           | 63.14           | Vertical     |
| 207.240000      | -74.78      | -13.00           | 61.78           | Vertical     |
| 2671.500000     | -57.42      | -13.00           | 44.42           | Vertical     |
| 3357.825000     | -67.99      | -13.00           | 54.99           | Vertical     |
| 5037.262500     | -64.05      | -13.00           | 51.05           | Vertical     |
| 64.393333       | -76.11      | -13.00           | 63.11           | Horizontal   |
| 205.793333      | -76.90      | -13.00           | 63.90           | Horizontal   |
| 621.920833      | -77.94      | -13.00           | 64.94           | Horizontal   |
| 2815.500000     | -57.18      | -13.00           | 44.18           | Horizontal   |
| 5037.262500     | -62.90      | -13.00           | 49.90           | Horizontal   |
| 9265.350000     | -64.01      | -13.00           | 51.01           | Horizontal   |

**NOTE:**

- 1) All modes are tested, but the data presented above is the worst case. The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



## 8 Frequency Stability

### 8.1 Frequency Error VS. Voltage

| Test Band  | Test Mode     | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|------------|---------------|--------------|------------|------------|------------------|-----------------------|---------|
| LTE band26 | LTE/TM1 15MHz | LCH          | TN         | VL         | -2.76            | -0.00332              | PASS    |
|            |               |              |            | VN         | 3.42             | 0.00411               | PASS    |
|            |               |              |            | VH         | -5.73            | -0.00689              | PASS    |
|            |               | MCH          | TN         | VL         | -1.36            | -0.00163              | PASS    |
|            |               |              |            | VN         | -2.60            | -0.00311              | PASS    |
|            |               |              |            | VH         | 1.32             | 0.00158               | PASS    |
|            |               | HCH          | TN         | VL         | -5.37            | -0.00638              | PASS    |
|            |               |              |            | VN         | -4.92            | -0.00585              | PASS    |
|            |               |              |            | VH         | -1.85            | -0.00220              | PASS    |
|            | LTE/TM2 15MHz | LCH          | TN         | VL         | -4.32            | -0.00520              | PASS    |
|            |               |              |            | VN         | -3.34            | -0.00402              | PASS    |
|            |               |              |            | VH         | -4.14            | -0.00498              | PASS    |
|            |               | MCH          | TN         | VL         | 5.20             | 0.00622               | PASS    |
|            |               |              |            | VN         | -3.99            | -0.00477              | PASS    |
|            |               |              |            | VH         | 6.63             | 0.00793               | PASS    |
|            |               | HCH          | TN         | VL         | -3.01            | -0.00358              | PASS    |
|            |               |              |            | VN         | -2.10            | -0.00250              | PASS    |
|            |               |              |            | VH         | 3.11             | 0.00370               | PASS    |
|            | LTE/TM3 15MHz | LCH          | TN         | VL         | 4.20             | 0.00505               | PASS    |
|            |               |              |            | VN         | 3.90             | 0.00469               | PASS    |
|            |               |              |            | VH         | -1.34            | -0.00161              | PASS    |
|            |               | MCH          | TN         | VL         | 0.25             | 0.00030               | PASS    |
|            |               |              |            | VN         | 3.09             | 0.00369               | PASS    |
|            |               |              |            | VH         | -3.57            | -0.00427              | PASS    |
|            |               | HCH          | TN         | VL         | 4.29             | 0.00510               | PASS    |
|            |               |              |            | VN         | 1.89             | 0.00225               | PASS    |
|            |               |              |            | VH         | 4.67             | 0.00555               | PASS    |



## 8.2 Frequency Error VS. Temperature

| Test Band  | Test Mode     | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|------------|---------------|--------------|------------|------------|------------------|-----------------------|---------|
| LTE band26 | LTE/TM1 15MHz | LCH          | VN         | -30        | -4.36            | -0.00524              | PASS    |
|            |               |              |            | -20        | -2.33            | -0.00280              | PASS    |
|            |               |              |            | -10        | -2.76            | -0.00332              | PASS    |
|            |               |              |            | 0          | 1.43             | 0.00172               | PASS    |
|            |               |              |            | 10         | 1.26             | 0.00152               | PASS    |
|            |               |              |            | 20         | 0.52             | 0.00063               | PASS    |
|            |               |              |            | 30         | -0.66            | -0.00079              | PASS    |
|            |               |              |            | 40         | -2.74            | -0.00330              | PASS    |
|            |               |              |            | 50         | -6.06            | -0.00729              | PASS    |
|            |               | MCH          | VN         | -30        | -5.42            | -0.00648              | PASS    |
|            |               |              |            | -20        | -5.26            | -0.00629              | PASS    |
|            |               |              |            | -10        | -3.62            | -0.00433              | PASS    |
|            |               |              |            | 0          | -1.35            | -0.00161              | PASS    |
|            |               |              |            | 10         | -2.77            | -0.00331              | PASS    |
|            |               |              |            | 20         | -0.19            | -0.00023              | PASS    |
|            |               |              |            | 30         | -3.79            | -0.00453              | PASS    |
|            |               |              |            | 40         | -4.78            | -0.00571              | PASS    |
|            |               |              |            | 50         | -5.42            | -0.00648              | PASS    |
|            |               | HCH          | VN         | -30        | -6.86            | -0.00815              | PASS    |
|            |               |              |            | -20        | -3.34            | -0.00397              | PASS    |
|            |               |              |            | -10        | 0.99             | 0.00118               | PASS    |
|            |               |              |            | 0          | -2.20            | -0.00261              | PASS    |
|            |               |              |            | 10         | 2.48             | 0.00295               | PASS    |
|            |               |              |            | 20         | -0.33            | -0.00039              | PASS    |
|            |               |              |            | 30         | -2.45            | -0.00291              | PASS    |
|            |               |              |            | 40         | -4.32            | -0.00513              | PASS    |
|            |               |              |            | 50         | -3.86            | -0.00459              | PASS    |



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| Test Band  | Test Mode     | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|------------|---------------|--------------|------------|------------|------------------|-----------------------|---------|
| LTE band26 | LTE/TM2 15MHz | LCH          | VN         | -30        | -3.64            | -0.00438              | PASS    |
|            |               |              |            | -20        | -2.44            | -0.00293              | PASS    |
|            |               |              |            | -10        | 1.25             | 0.00150               | PASS    |
|            |               |              |            | 0          | 2.26             | 0.00272               | PASS    |
|            |               |              |            | 10         | 1.78             | 0.00214               | PASS    |
|            |               |              |            | 20         | -0.84            | -0.00101              | PASS    |
|            |               |              |            | 30         | -3.06            | -0.00368              | PASS    |
|            |               |              |            | 40         | 2.23             | 0.00268               | PASS    |
|            |               |              |            | 50         | -4.82            | -0.00580              | PASS    |
|            |               | MCH          | VN         | -30        | -3.35            | -0.00401              | PASS    |
|            |               |              |            | -20        | -2.62            | -0.00313              | PASS    |
|            |               |              |            | -10        | -2.11            | -0.00252              | PASS    |
|            |               |              |            | 0          | -1.87            | -0.00224              | PASS    |
|            |               |              |            | 10         | -0.69            | -0.00082              | PASS    |
|            |               |              |            | 20         | 1.33             | 0.00159               | PASS    |
|            |               |              |            | 30         | -2.39            | -0.00286              | PASS    |
|            |               |              |            | 40         | -6.68            | -0.00799              | PASS    |
|            |               |              |            | 50         | -5.23            | -0.00625              | PASS    |
|            |               | HCH          | VN         | -30        | -3.63            | -0.00431              | PASS    |
|            |               |              |            | -20        | -4.70            | -0.00559              | PASS    |
|            |               |              |            | -10        | 2.39             | 0.00284               | PASS    |
|            |               |              |            | 0          | -3.78            | -0.00449              | PASS    |
|            |               |              |            | 10         | 2.76             | 0.00328               | PASS    |
|            |               |              |            | 20         | -1.69            | -0.00201              | PASS    |
|            |               |              |            | 30         | -3.89            | -0.00462              | PASS    |
|            |               |              |            | 40         | -4.90            | -0.00582              | PASS    |
|            |               |              |            | 50         | -4.83            | -0.00574              | PASS    |



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| Test Band  | Test Mode     | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|------------|---------------|--------------|------------|------------|------------------|-----------------------|---------|
| LTE band26 | LTE/TM3 15MHz | LCH          | VN         | -30        | -3.68            | -0.00443              | PASS    |
|            |               |              |            | -20        | -2.40            | -0.00289              | PASS    |
|            |               |              |            | -10        | 3.25             | 0.00391               | PASS    |
|            |               |              |            | 0          | 1.26             | 0.00152               | PASS    |
|            |               |              |            | 10         | 1.98             | 0.00238               | PASS    |
|            |               |              |            | 20         | -4.84            | -0.00582              | PASS    |
|            |               |              |            | 30         | -2.06            | -0.00248              | PASS    |
|            |               |              |            | 40         | 2.93             | 0.00352               | PASS    |
|            |               |              |            | 50         | -4.87            | -0.00586              | PASS    |
|            |               | MCH          | VN         | -30        | -5.35            | -0.00640              | PASS    |
|            |               |              |            | -20        | -2.92            | -0.00349              | PASS    |
|            |               |              |            | -10        | -2.71            | -0.00324              | PASS    |
|            |               |              |            | 0          | -1.37            | -0.00164              | PASS    |
|            |               |              |            | 10         | -4.69            | -0.00561              | PASS    |
|            |               |              |            | 20         | 1.63             | 0.00195               | PASS    |
|            |               |              |            | 30         | -2.32            | -0.00277              | PASS    |
|            |               |              |            | 40         | -6.63            | -0.00793              | PASS    |
|            |               |              |            | 50         | -3.23            | -0.00386              | PASS    |
|            |               | HCH          | VN         | -30        | -2.63            | -0.00313              | PASS    |
|            |               |              |            | -20        | -4.79            | -0.00569              | PASS    |
|            |               |              |            | -10        | 2.32             | 0.00276               | PASS    |
|            |               |              |            | 0          | -3.75            | -0.00446              | PASS    |
|            |               |              |            | 10         | 2.46             | 0.00292               | PASS    |
|            |               |              |            | 20         | -1.99            | -0.00236              | PASS    |
|            |               |              |            | 30         | -4.89            | -0.00581              | PASS    |
|            |               |              |            | 40         | -1.90            | -0.00226              | PASS    |
|            |               |              |            | 50         | -0.83            | -0.00099              | PASS    |

The End