



# Appendix B

## Test Data for SZEM170100023101



## CONTENT

|                                                                 | Page       |
|-----------------------------------------------------------------|------------|
| <b>1 EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA .....</b> | <b>3</b>   |
| <b>2 PEAK-TO-AVERAGE RATIO.....</b>                             | <b>21</b>  |
| 2.1 FOR LTE .....                                               | 22         |
| 2.1.1 Test Band = LTE band 4.....                               | 22         |
| <b>3 MODULATION CHARACTERISTICS.....</b>                        | <b>31</b>  |
| 3.1 FOR LTE .....                                               | 31         |
| 3.1.1 Test Band = LTE band 4.....                               | 31         |
| <b>4 BANDWIDTH .....</b>                                        | <b>49</b>  |
| 4.1 FOR LTE .....                                               | 51         |
| 4.1.1 Test Band = LTE band4.....                                | 51         |
| <b>5 BAND EDGES COMPLIANCE.....</b>                             | <b>105</b> |
| 5.1.1 Test Band = LTE band 4.....                               | 105        |
| <b>6 SPURIOUS EMISSION AT ANTENNA TERMINAL.....</b>             | <b>177</b> |
| 6.1 FOR LTE .....                                               | 177        |
| 6.1.1 Test Band = LTE band 4.....                               | 177        |
| <b>7 FIELD STRENGTH OF SPURIOUS RADIATION .....</b>             | <b>231</b> |
| 7.1 FOR LTE .....                                               | 231        |
| 7.1.1 Test Band = LTEband4.....                                 | 231        |
| <b>8 FREQUENCY STABILITY .....</b>                              | <b>232</b> |
| 8.1 FREQUENCY ERROR VS. VOLTAGE.....                            | 232        |
| 8.2 FREQUENCY ERROR VS. TEMPERATURE.....                        | 233        |



## 1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 4

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 1.4M           | LCH          | RB1#0   | 18.66          | 21.56      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 18.69          | 21.59      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 18.64          | 21.54      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.70          | 21.60      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.65          | 21.55      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.70          | 21.60      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.62          | 21.52      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 18.70          | 21.60      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 18.63          | 21.53      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.67          | 21.57      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.69          | 21.59      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.69          | 21.59      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.57          | 21.47      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 18.63          | 21.53      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 18.58          | 21.48      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.64          | 21.54      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.66          | 21.56      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.62          | 21.52      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.62          | 21.52      | 30.00       | PASS    |



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**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 4 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM2   | 1.4M           | LCH          | RB1#0   | 18.87          | 21.77      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 18.96          | 21.86      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 18.90          | 21.80      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.69          | 21.59      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.87          | 21.77      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 18.86          | 21.76      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.65          | 21.55      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.70          | 21.60      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.66          | 21.56      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.69          | 21.59      | 30.00       | PASS    |

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**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 5 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM3   | 1.4M           | LCH          | RB1#0   | 19.43          | 22.33      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 19.49          | 22.39      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 19.43          | 22.33      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 19.08          | 21.98      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.92          | 21.82      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.11          | 22.01      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 19.18          | 22.08      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 19.10          | 22.00      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 19.06          | 21.96      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.96          | 21.86      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.92          | 21.82      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.26          | 22.16      | 30.00       | PASS    |
|                |           |                |              | RB1#2   | 19.34          | 22.24      | 30.00       | PASS    |
|                |           |                |              | RB1#5   | 19.21          | 22.11      | 30.00       | PASS    |
|                |           |                |              | RB3#0   | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                |              | RB3#2   | 18.90          | 21.80      | 30.00       | PASS    |
|                |           |                |              | RB3#3   | 18.88          | 21.78      | 30.00       | PASS    |
|                |           |                |              | RB6#0   | 18.87          | 21.77      | 30.00       | PASS    |

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Report No.: SZEM170100023101

Page: 6 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 3M             | LCH          | RB1#0   | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 18.67          | 21.57      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 18.66          | 21.56      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.71          | 21.61      | 30.00       | PASS    |

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**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 7 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM2   | 3M             | LCH          | RB1#0   | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 19.13          | 22.03      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 19.00          | 21.90      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 19.12          | 22.02      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 18.96          | 21.86      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 19.09          | 21.99      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 18.90          | 21.80      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.77          | 21.67      | 30.00       | PASS    |

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**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 8 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM3   | 3M             | LCH          | RB1#0   | 19.47          | 22.37      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 19.56          | 22.46      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 19.48          | 22.38      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 19.07          | 21.97      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.12          | 22.02      | 30.00       | PASS    |
|                |           |                |              | RB1#7   | 19.18          | 22.08      | 30.00       | PASS    |
|                |           |                |              | RB1#14  | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                |              | RB8#0   | 18.86          | 21.76      | 30.00       | PASS    |
|                |           |                |              | RB8#4   | 18.94          | 21.84      | 30.00       | PASS    |
|                |           |                |              | RB8#7   | 18.88          | 21.78      | 30.00       | PASS    |
|                |           |                |              | RB15#0  | 18.96          | 21.86      | 30.00       | PASS    |

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**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 9 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 5M             | LCH          | RB1#0   | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.65          | 21.55      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 18.64          | 21.54      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 18.56          | 21.46      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.61          | 21.51      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.67          | 21.57      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.59          | 21.49      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.61          | 21.51      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 10 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM2   | 5M             | LCH          | RB1#0   | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 19.07          | 21.97      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.10          | 22.00      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 19.09          | 21.99      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.95          | 21.85      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 18.94          | 21.84      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 18.86          | 21.76      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.65          | 21.55      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.66          | 21.56      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.65          | 21.55      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.66          | 21.56      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 11 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM3   | 5M             | LCH          | RB1#0   | 19.27          | 22.17      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 19.25          | 22.15      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 19.16          | 22.06      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.89          | 21.79      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 19.00          | 21.90      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.95          | 21.85      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.44          | 22.34      | 30.00       | PASS    |
|                |           |                |              | RB1#13  | 19.47          | 22.37      | 30.00       | PASS    |
|                |           |                |              | RB1#24  | 19.46          | 22.36      | 30.00       | PASS    |
|                |           |                |              | RB12#0  | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                |              | RB12#6  | 18.96          | 21.86      | 30.00       | PASS    |
|                |           |                |              | RB12#13 | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.83          | 21.73      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 12 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 10M            | LCH          | RB1#0   | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.89          | 21.79      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 18.61          | 21.51      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 18.58          | 21.48      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.70          | 21.60      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.66          | 21.56      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.65          | 21.55      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.64          | 21.54      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 13 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM2   | 10M            | LCH          | RB1#0   | 19.10          | 22.00      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 19.00          | 21.90      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.17          | 22.07      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 18.89          | 21.79      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.61          | 21.51      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.70          | 21.60      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 14 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM3   | 10M            | LCH          | RB1#0   | 19.19          | 22.09      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 19.14          | 22.04      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 19.15          | 22.05      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.95          | 21.85      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.90          | 21.80      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.88          | 21.78      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 18.75          | 21.65      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.39          | 22.29      | 30.00       | PASS    |
|                |           |                |              | RB1#25  | 19.34          | 22.24      | 30.00       | PASS    |
|                |           |                |              | RB1#49  | 19.38          | 22.28      | 30.00       | PASS    |
|                |           |                |              | RB25#0  | 18.87          | 21.77      | 30.00       | PASS    |
|                |           |                |              | RB25#13 | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                |              | RB25#25 | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.82          | 21.72      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 15 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 15M            | LCH          | RB1#0   | 18.91          | 21.81      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 18.74          | 21.64      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 18.86          | 21.76      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.97          | 21.87      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 18.73          | 21.63      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 18.87          | 21.77      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.83          | 21.73      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 18.82          | 21.72      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 18.59          | 21.49      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 18.58          | 21.48      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.71          | 21.61      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.59          | 21.49      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.70          | 21.60      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 16 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM2   | 15M            | LCH          | RB1#0   | 19.20          | 22.10      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 19.06          | 21.96      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 19.04          | 21.94      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 18.89          | 21.79      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.84          | 21.74      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.77          | 21.67      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.27          | 22.17      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 19.04          | 21.94      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 18.92          | 21.82      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.86          | 21.76      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.76          | 21.66      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.15          | 22.05      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 18.93          | 21.83      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 18.89          | 21.79      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.72          | 21.62      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.64          | 21.54      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.73          | 21.63      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 17 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM3   | 15M            | LCH          | RB1#0   | 19.26          | 22.16      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 19.17          | 22.07      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 19.23          | 22.13      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 19.00          | 21.90      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 18.87          | 21.77      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 18.79          | 21.69      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 19.08          | 21.98      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 19.04          | 21.94      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.48          | 22.38      | 30.00       | PASS    |
|                |           |                |              | RB1#38  | 19.32          | 22.22      | 30.00       | PASS    |
|                |           |                |              | RB1#74  | 19.34          | 22.24      | 30.00       | PASS    |
|                |           |                |              | RB36#0  | 19.00          | 21.90      | 30.00       | PASS    |
|                |           |                |              | RB36#18 | 18.95          | 21.85      | 30.00       | PASS    |
|                |           |                |              | RB36#39 | 18.92          | 21.82      | 30.00       | PASS    |
|                |           |                |              | RB75#0  | 18.92          | 21.82      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 18 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 20M            | LCH          | RB1#0   | 19.20          | 22.10      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 19.11          | 22.01      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.16          | 22.06      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 18.80          | 21.70      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 19.08          | 21.98      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.95          | 21.85      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 18.78          | 21.68      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 18.90          | 21.80      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 19.07          | 21.97      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.91          | 21.81      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 18.98          | 21.88      | 30.00       | PASS    |

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**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 19 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM2   | 20M            | LCH          | RB1#0   | 19.37          | 22.27      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.01          | 21.91      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.94          | 21.84      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 18.88          | 21.78      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 18.90          | 21.80      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.21          | 22.11      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 19.12          | 22.02      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 18.94          | 21.84      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.81          | 21.71      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 18.89          | 21.79      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.19          | 22.09      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 18.99          | 21.89      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.13          | 22.03      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 18.95          | 21.85      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 18.88          | 21.78      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.85          | 21.75      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 18.89          | 21.79      | 30.00       | PASS    |

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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM170100023101  
Page: 20 of 235

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM3   | 20M            | LCH          | RB1#0   | 19.23          | 22.13      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 19.31          | 22.21      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.23          | 22.13      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 19.09          | 21.99      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 19.07          | 21.97      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 19.10          | 22.00      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 19.08          | 21.98      | 30.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 19.28          | 22.18      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 19.26          | 22.16      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.24          | 22.14      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 19.13          | 22.03      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 19.04          | 21.94      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 19.03          | 21.93      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 19.05          | 21.95      | 30.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 19.32          | 22.22      | 30.00       | PASS    |
|                |           |                |              | RB1#50  | 19.19          | 22.09      | 30.00       | PASS    |
|                |           |                |              | RB1#99  | 19.09          | 21.99      | 30.00       | PASS    |
|                |           |                |              | RB50#0  | 19.08          | 21.98      | 30.00       | PASS    |
|                |           |                |              | RB50#25 | 19.02          | 21.92      | 30.00       | PASS    |
|                |           |                |              | RB50#50 | 18.98          | 21.88      | 30.00       | PASS    |
|                |           |                |              | RB100#0 | 18.99          | 21.89      | 30.00       | PASS    |

Note:

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

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

b: SGP=Signal Generator Level

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

Detector: RMS

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## 2 Peak-to-Average Ratio

### Part I - Test Results

| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
|-----------|-----------|--------------|--------------|------------|---------|
| Band 4    | TM1/20M   | LCH          | 5.16         | 13         | PASS    |
|           |           | MCH          | 4.93         | 13         | PASS    |
|           |           | HCH          | 4.87         | 13         | PASS    |
|           | TM2/20M   | LCH          | 5.83         | 13         | PASS    |
|           |           | MCH          | 5.88         | 13         | PASS    |
|           |           | HCH          | 5.74         | 13         | PASS    |
|           | TM3/20M   | LCH          | 6.20         | 13         | PASS    |
|           |           | MCH          | 6.20         | 13         | PASS    |
|           |           | HCH          | 6.06         | 13         | PASS    |



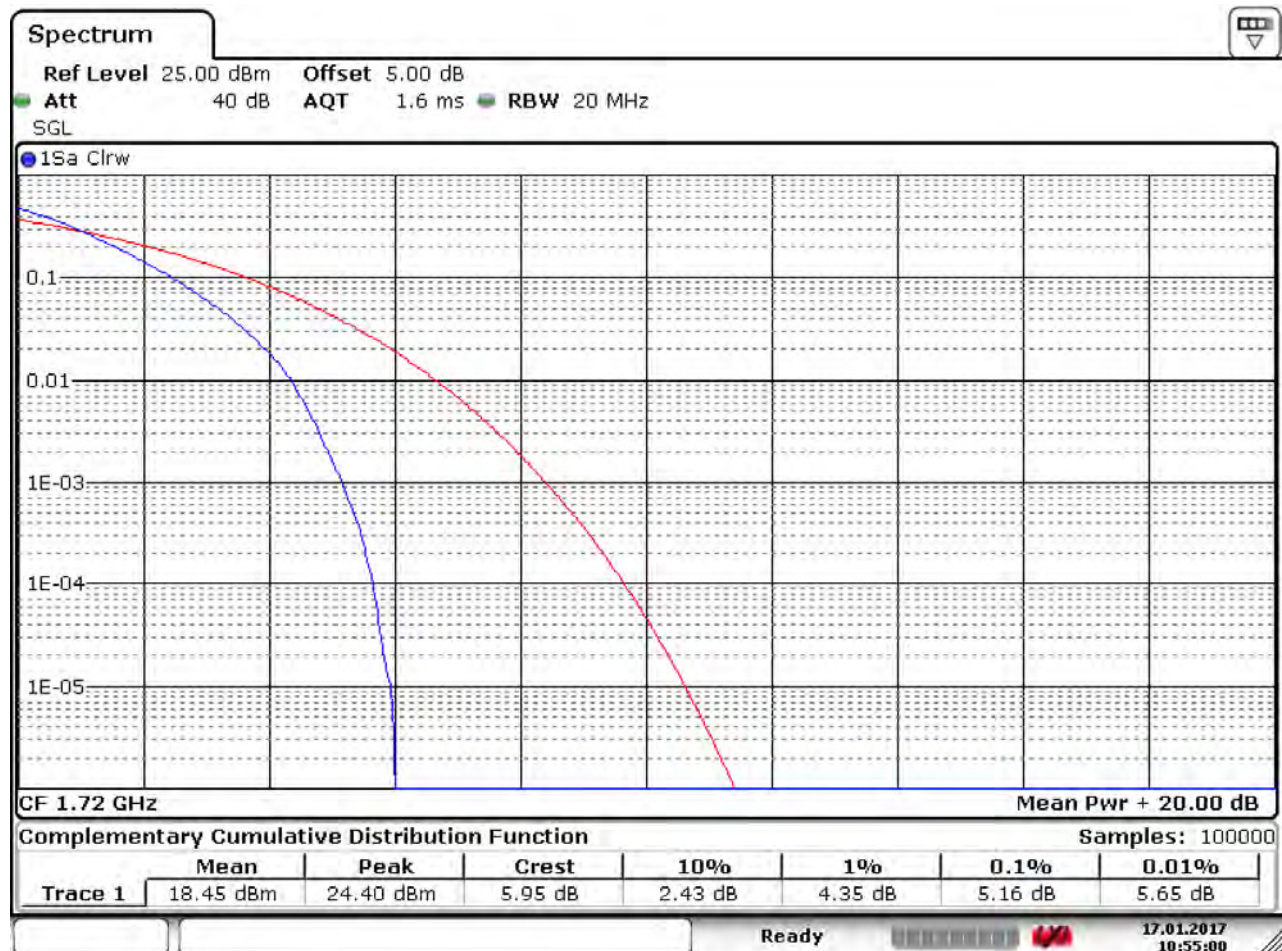
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band 4

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=20MHz

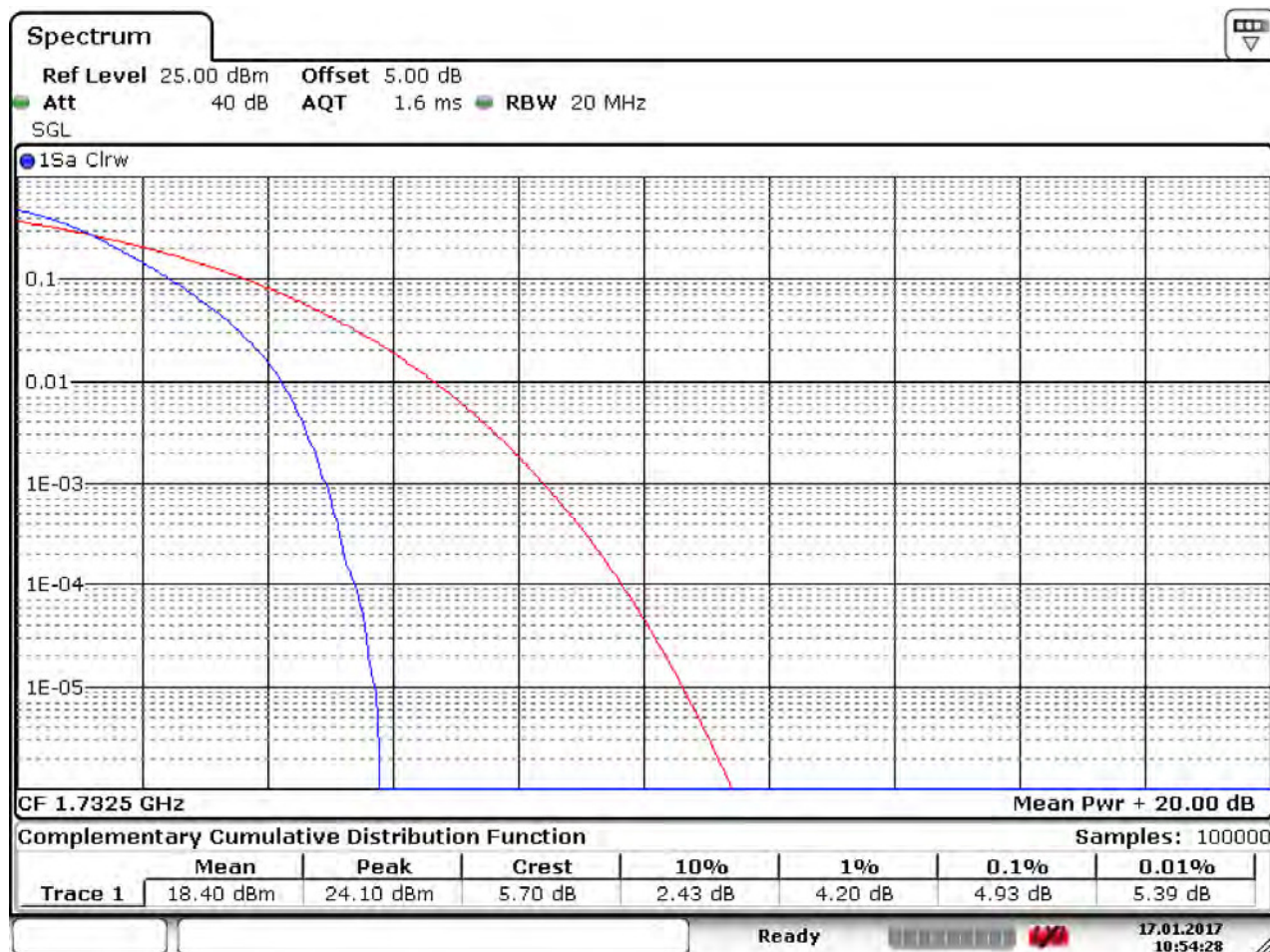
2.1.1.1.1 Test Channel = LCH



Date: 17.JAN.2017 10:55:00



2.1.1.1.2 Test Channel = MCH

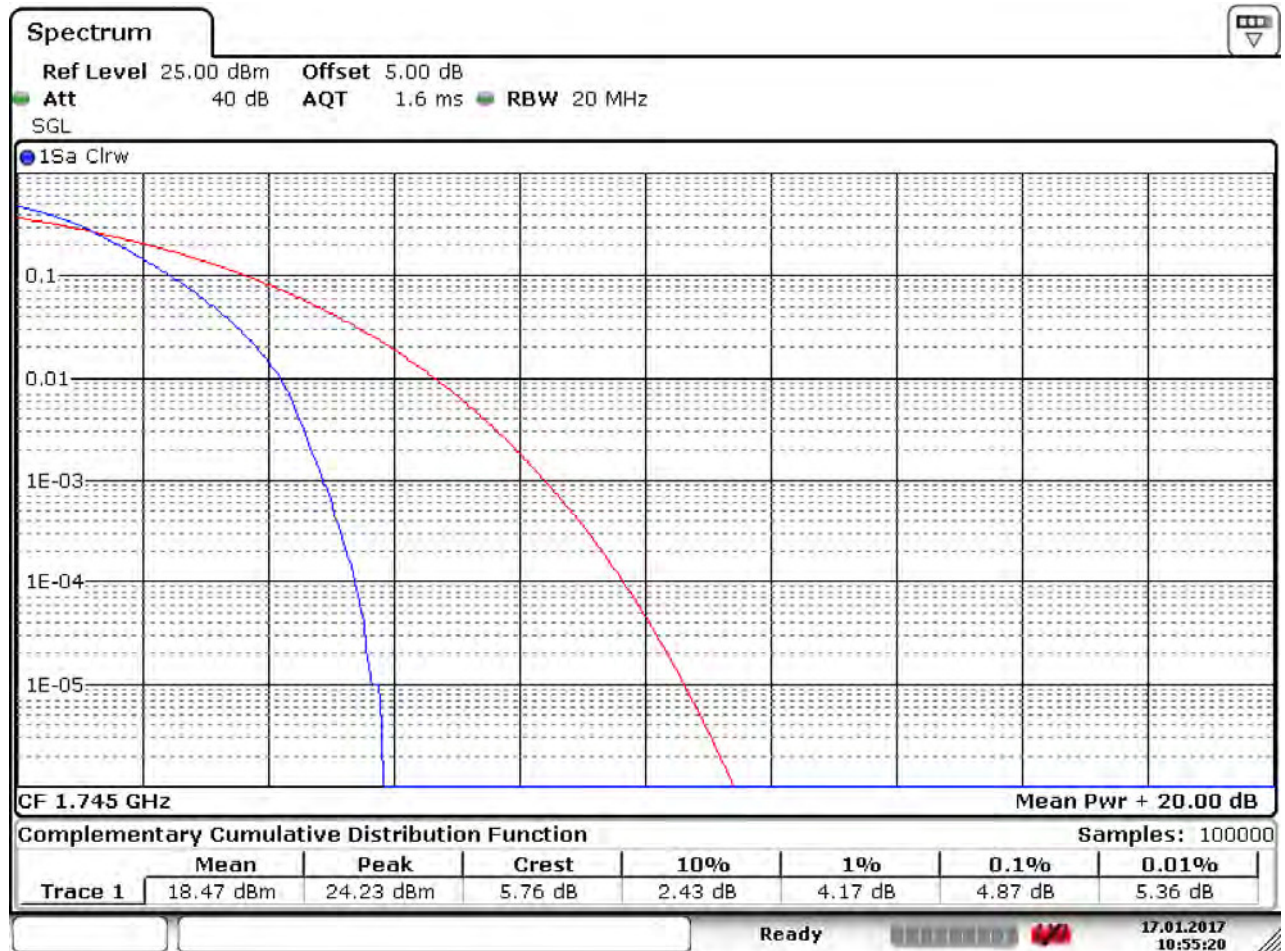


Date: 17.JAN.2017 10:54:28





2.1.1.1.3 Test Channel = HCH



Date: 17.JAN.2017 10:55:20



2.1.1.2 Test Mode = LTE/TM2.Bandwidth=20MHz

2.1.1.2.1 Test Channel = LCH



Date: 17.JAN.2017 10:56:44



2.1.1.2.2 Test Channel = MCH

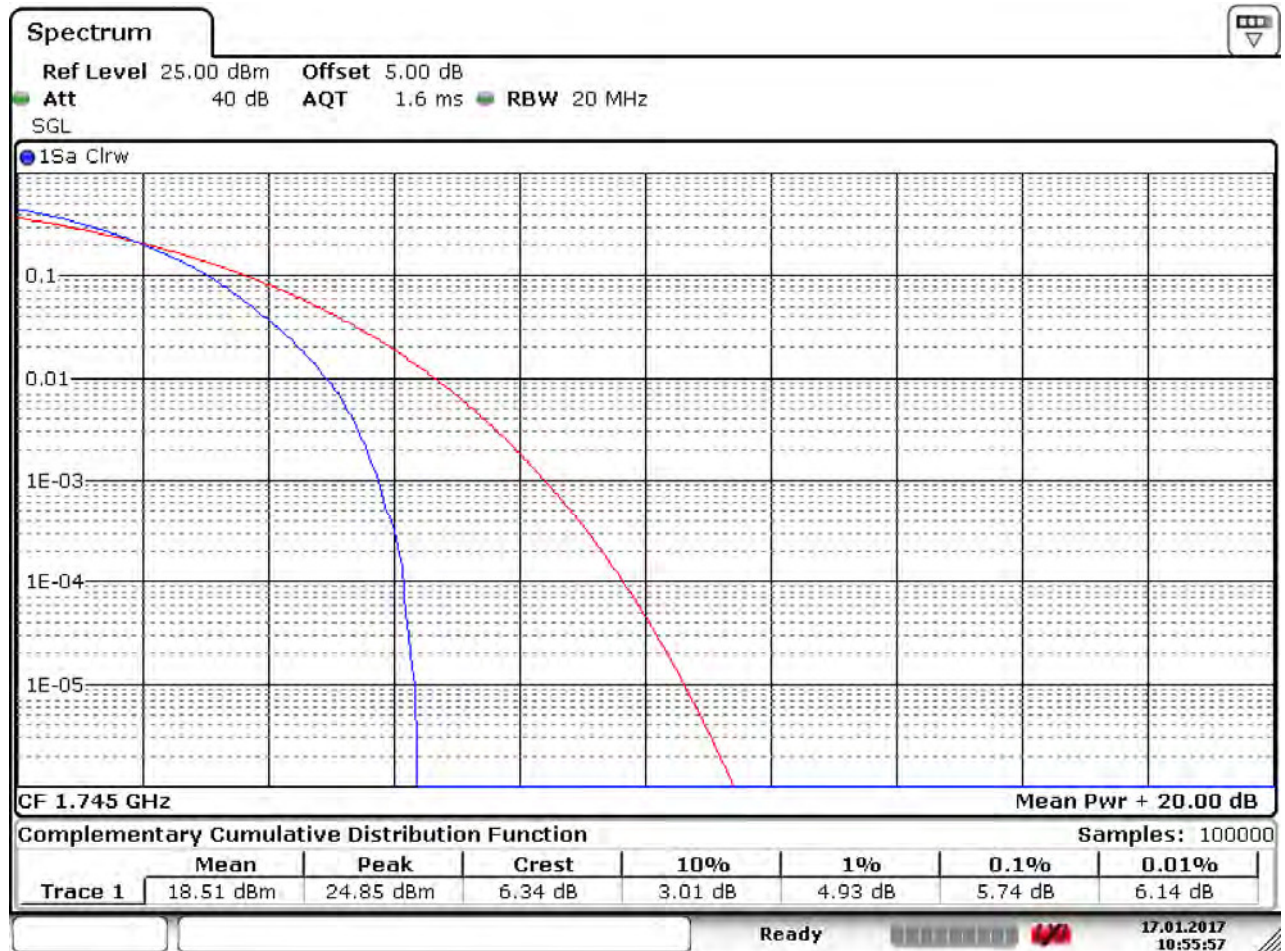


Date: 17. JAN. 2017 10:56:22





2.1.1.2.3 Test Channel = HCH

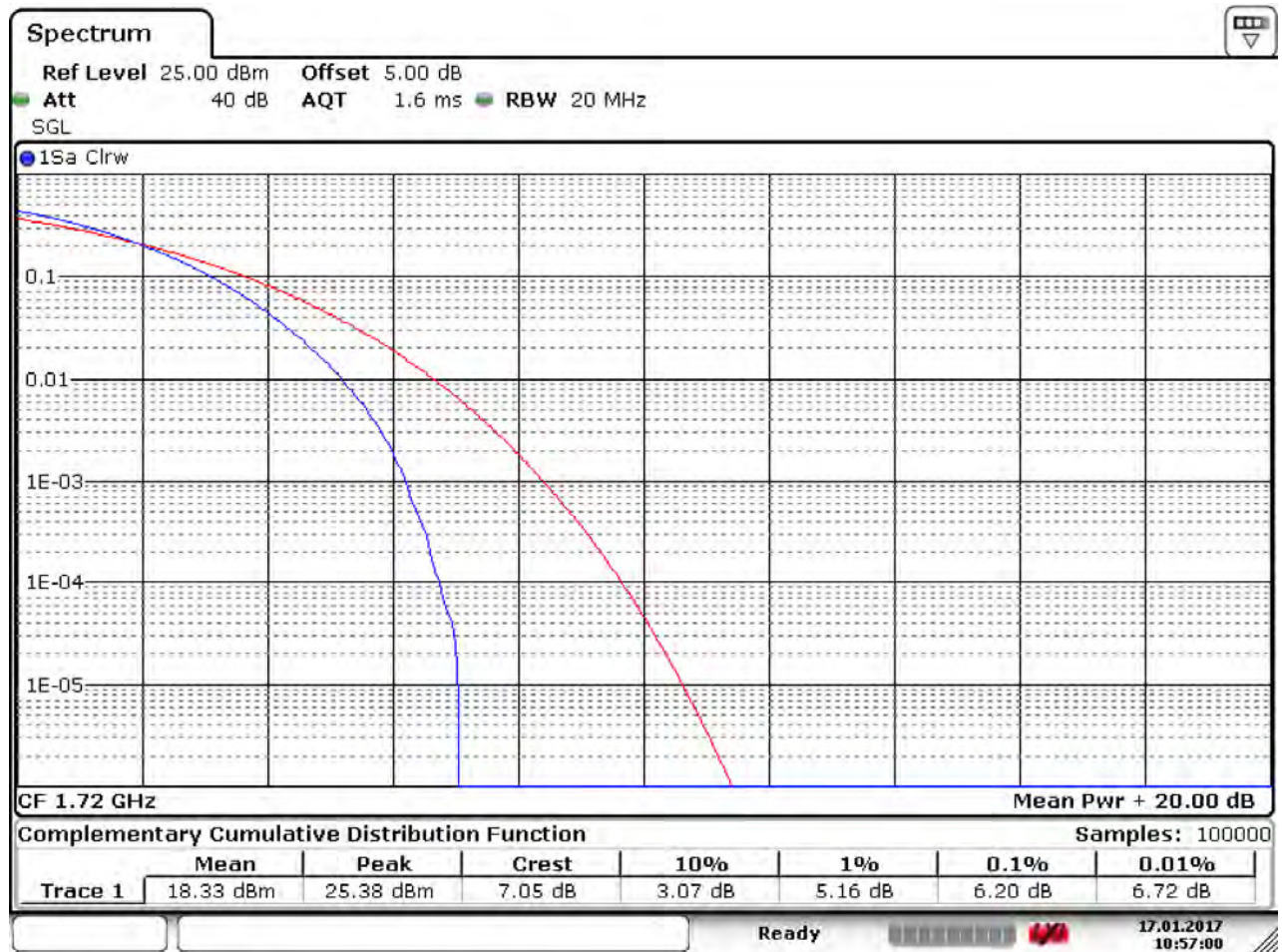


Date: 17.JAN.2017 10:55:57



2.1.1.3 Test Mode = LTE/TM3.Bandwidth=20MHz

2.1.1.3.1 Test Channel = LCH



Date: 17.JAN.2017 10:57:01





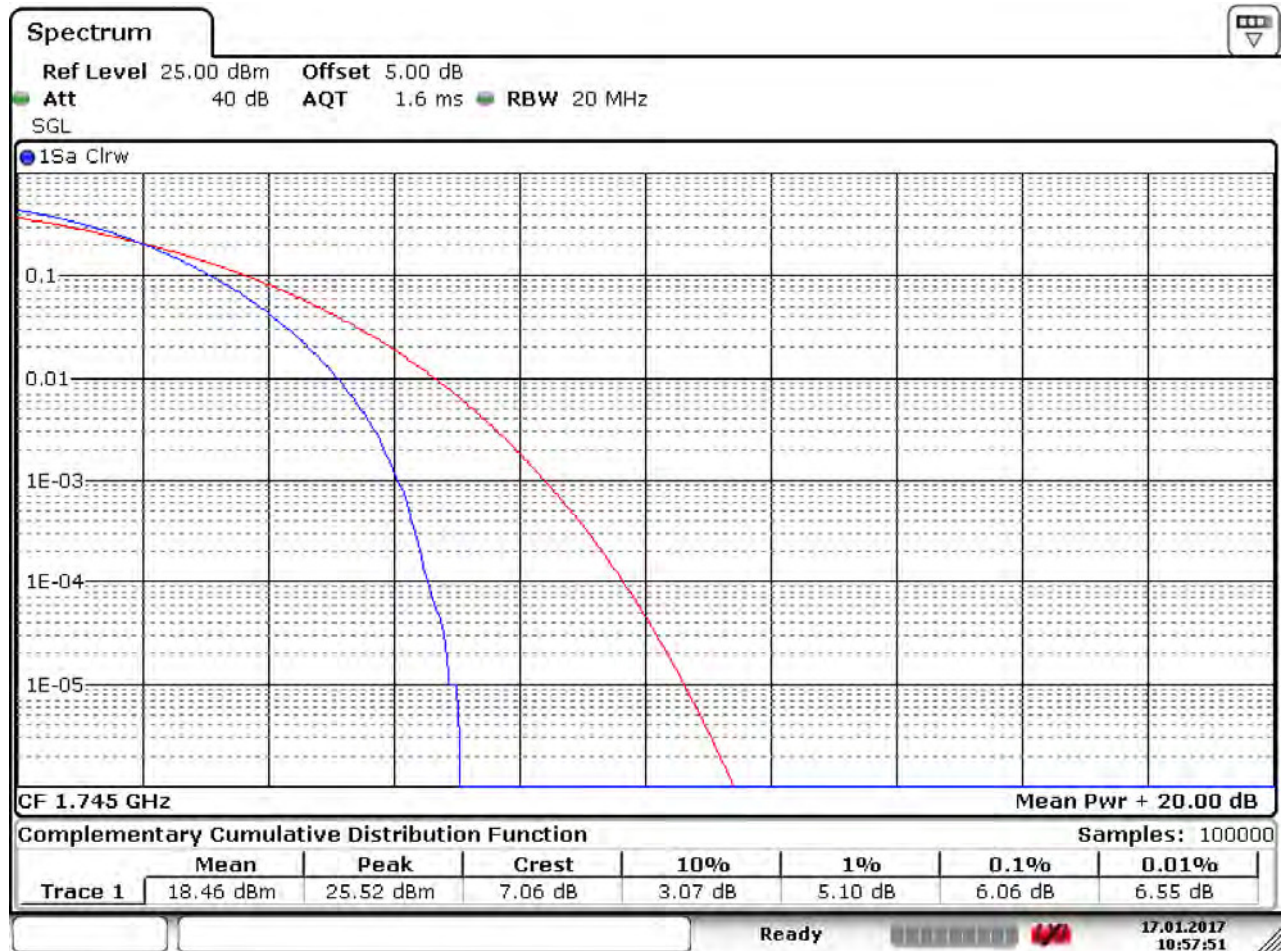
2.1.1.3.2 Test Channel = MCH



Date: 17.JAN.2017 10:57:27



2.1.1.3.3 Test Channel = HCH



Date: 17.JAN.2017 10:57:52



### 3 Modulation Characteristics

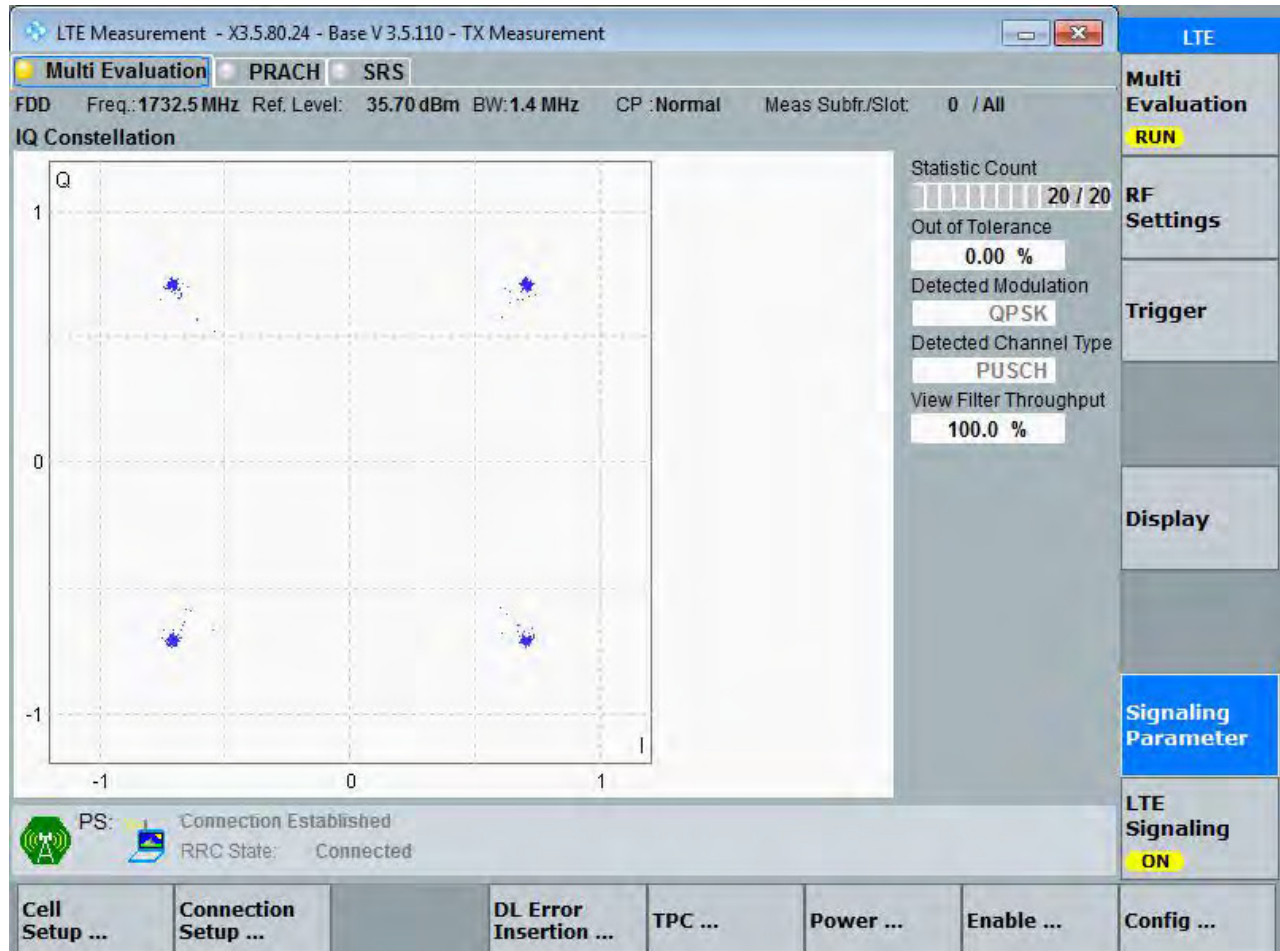
#### Part I - Test Plots

#### 3.1 For LTE

##### 3.1.1 Test Band = LTE band 4

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

##### 3.1.1.1.1 Test Channel = MCH

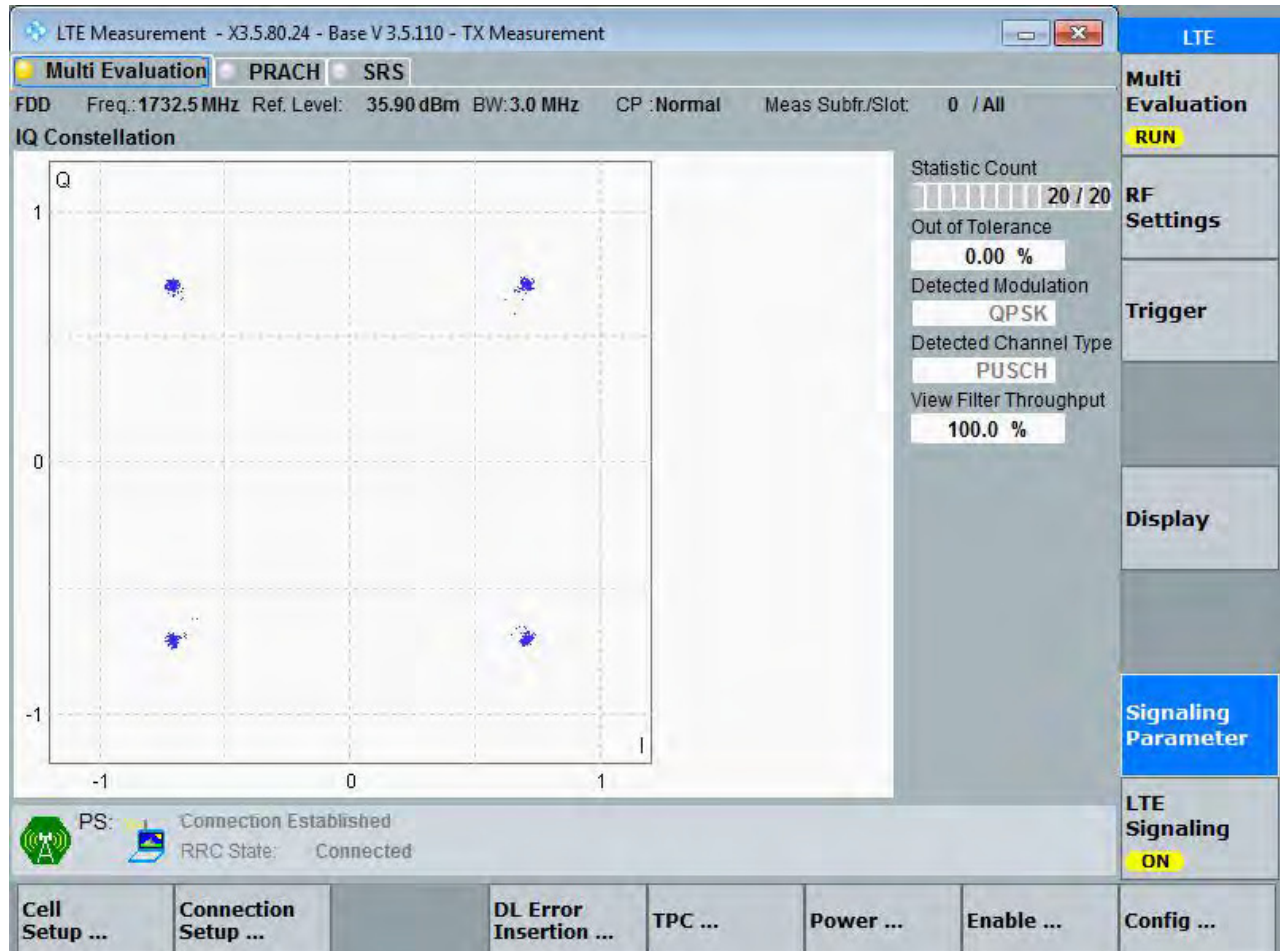






3.1.1.2 Test Mode = LTE /TM1 3MHz

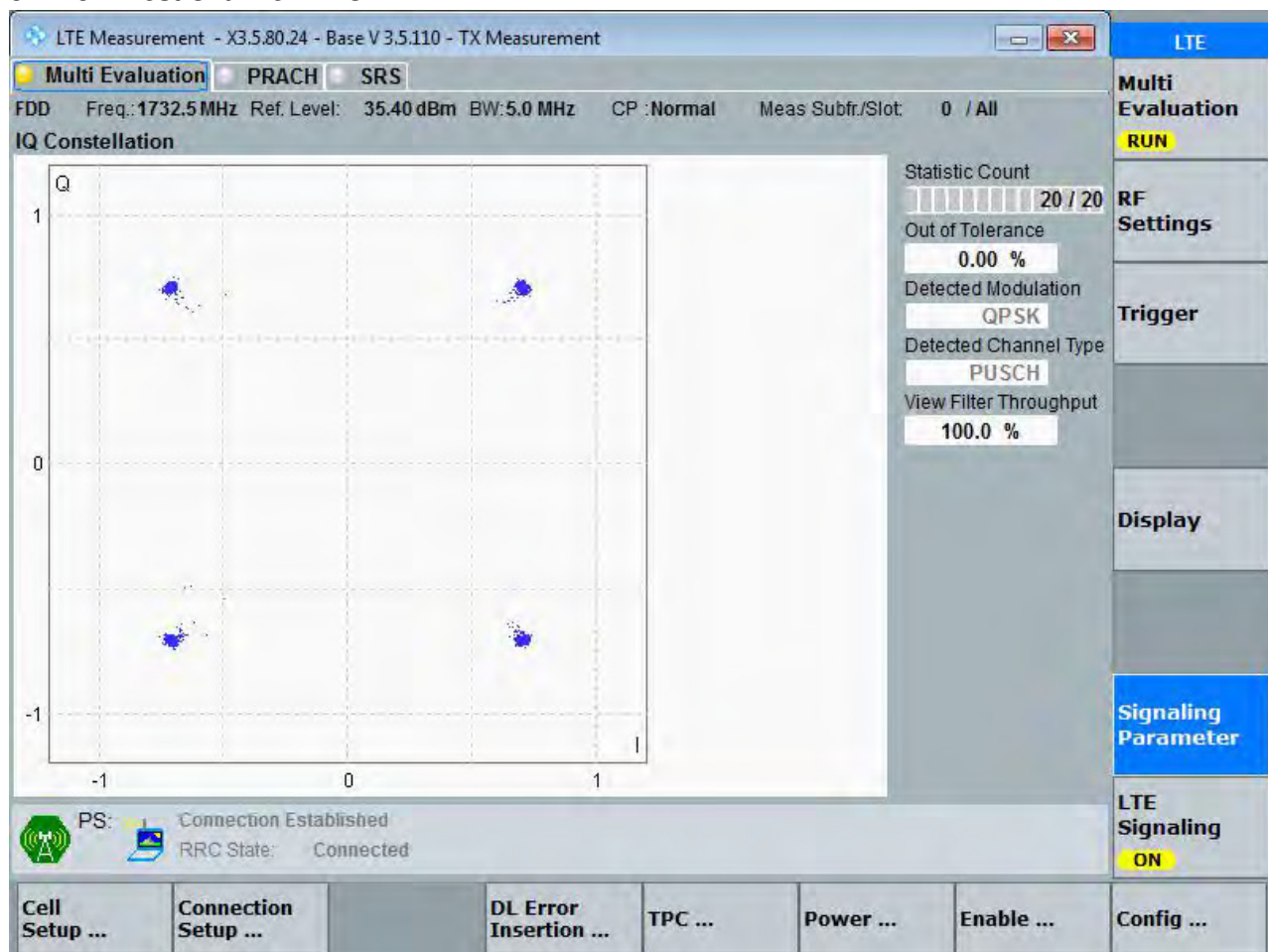
3.1.1.2.1 Test Channel = MCH





3.1.1.3 Test Mode = LTE /TM1 5MHz

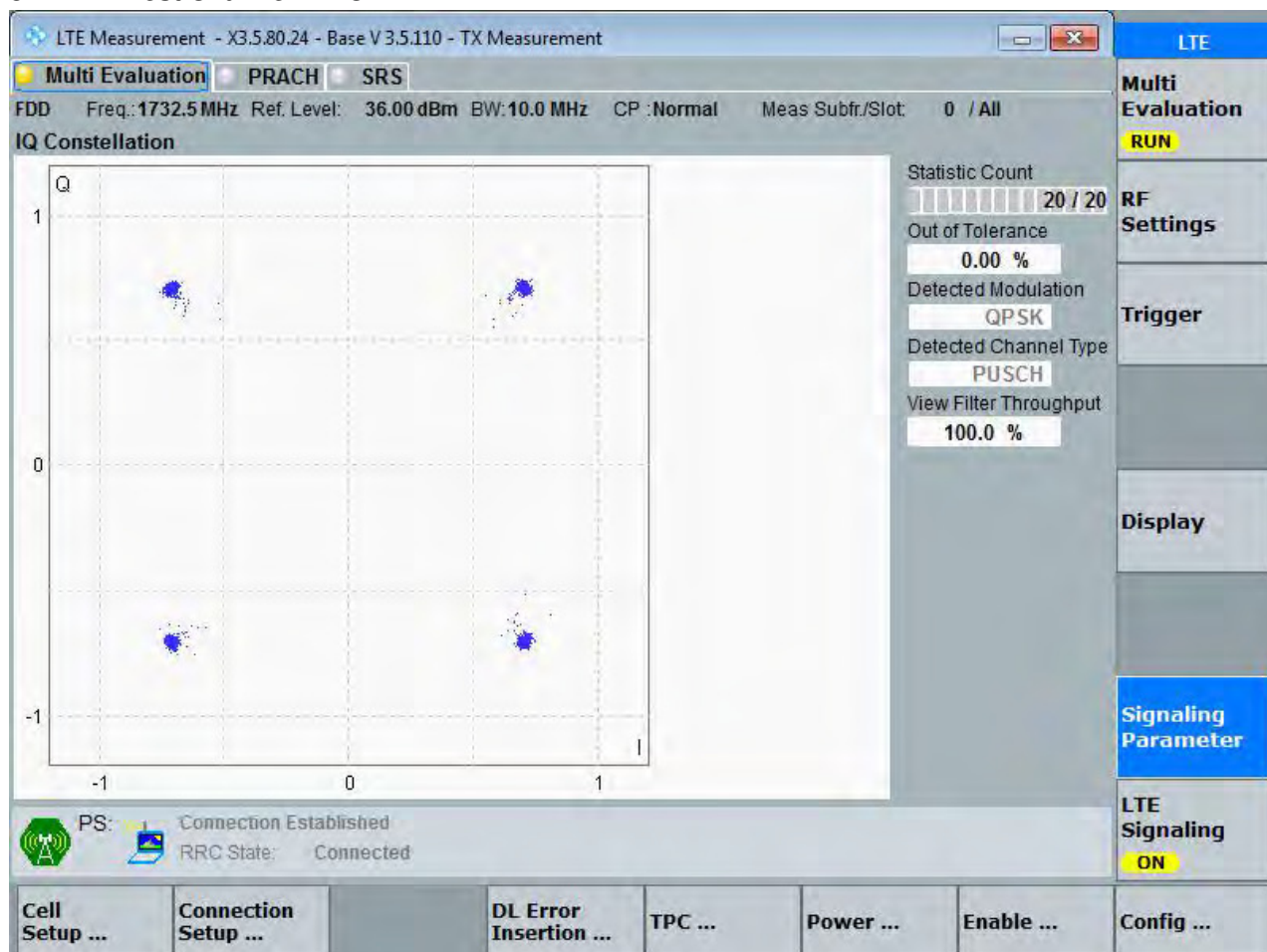
3.1.1.3.1 Test Channel = MCH





3.1.1.4 Test Mode = LTE /TM1 10MHz

3.1.1.4.1 Test Channel = MCH

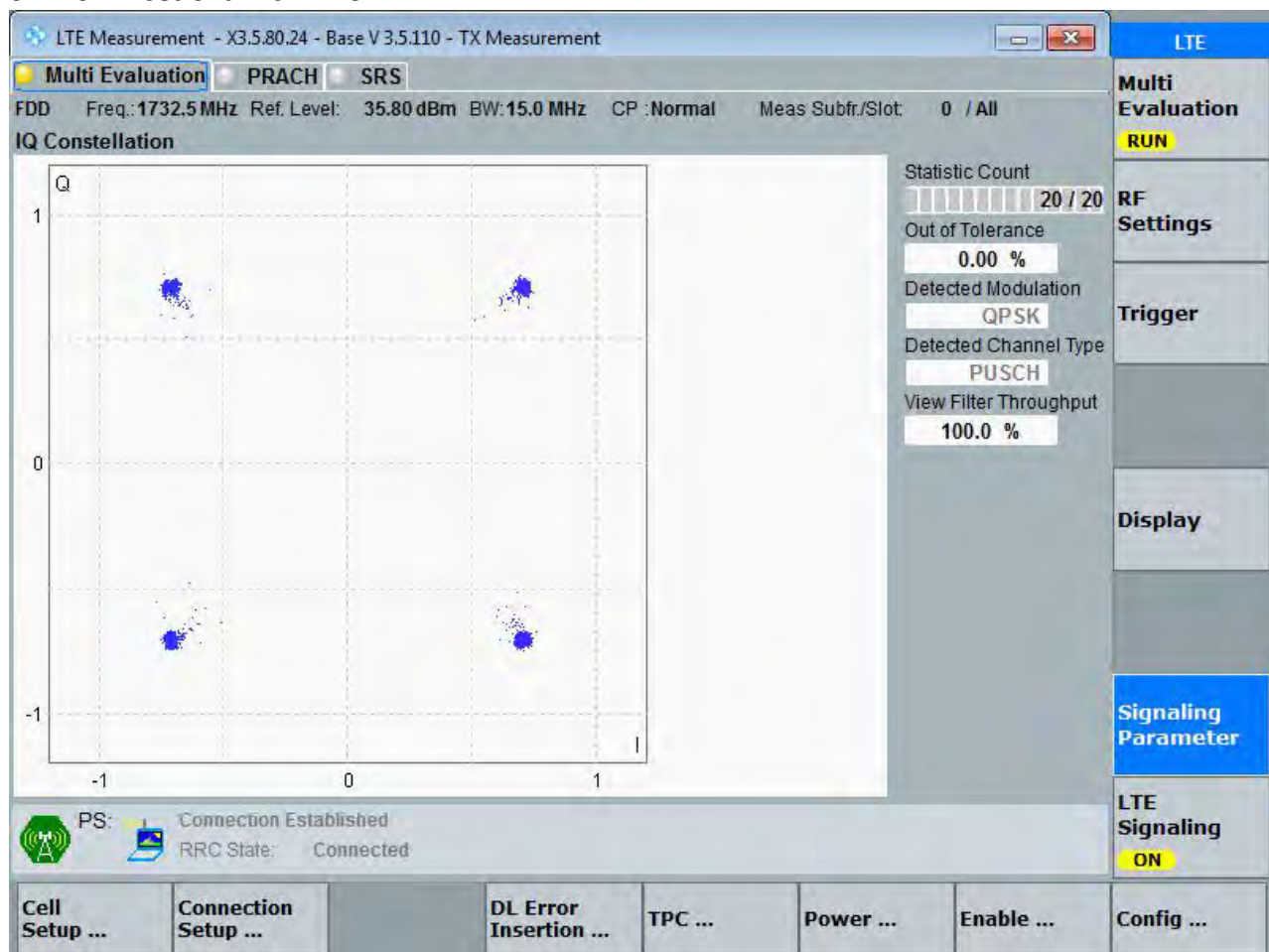






3.1.1.5 Test Mode = LTE /TM1 15MHz

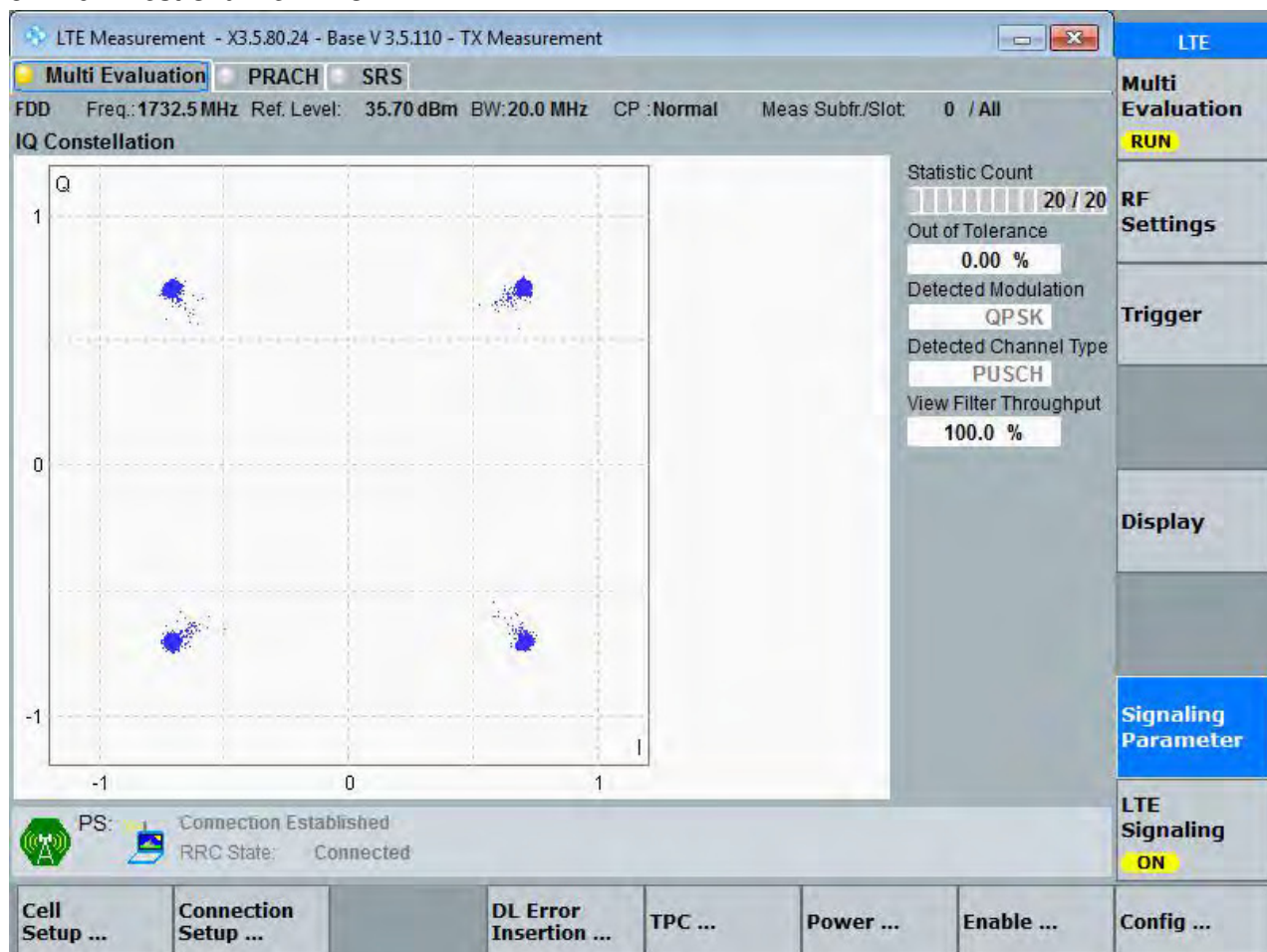
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM1 20MHz

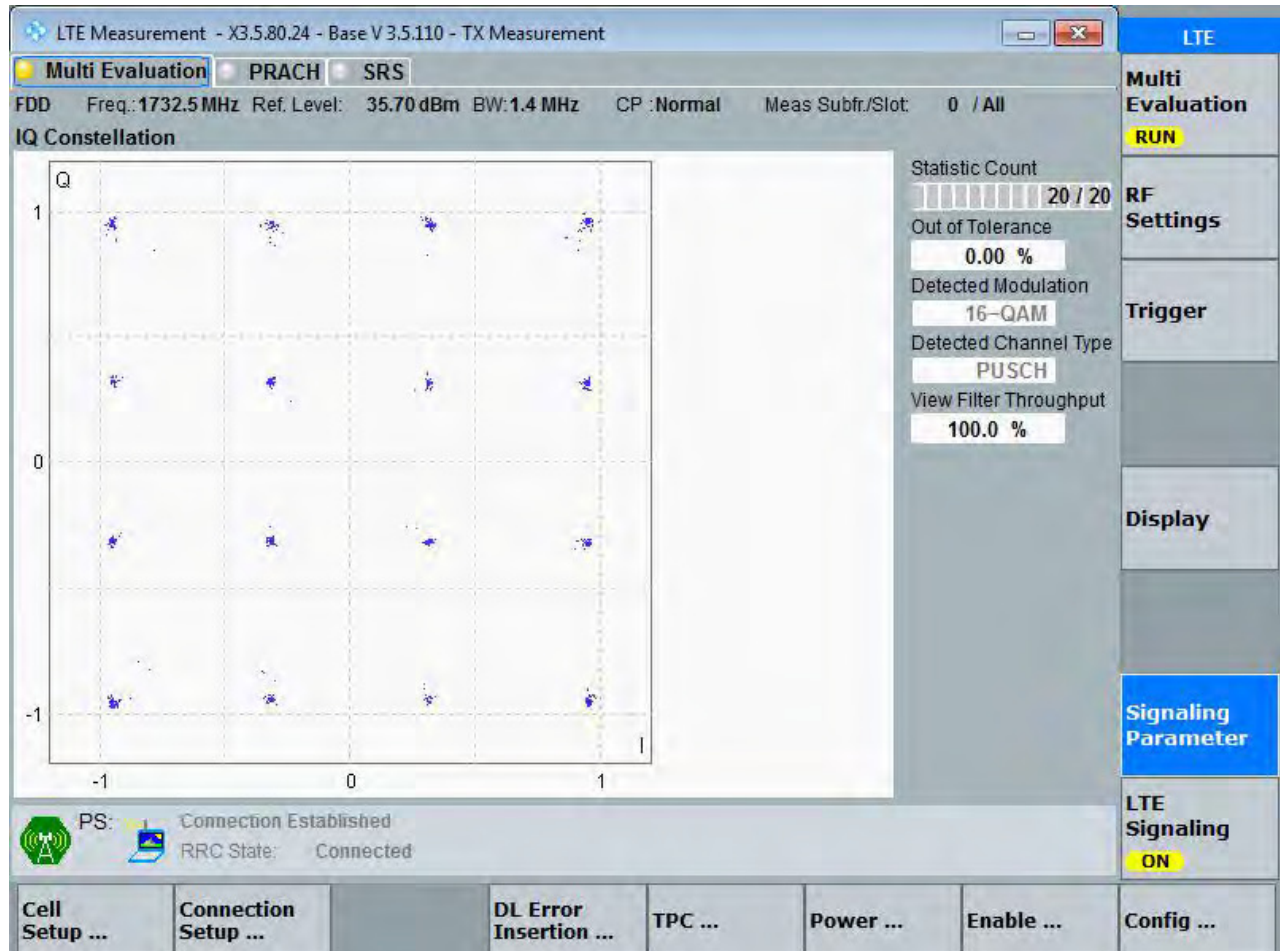
3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 1.4MHz

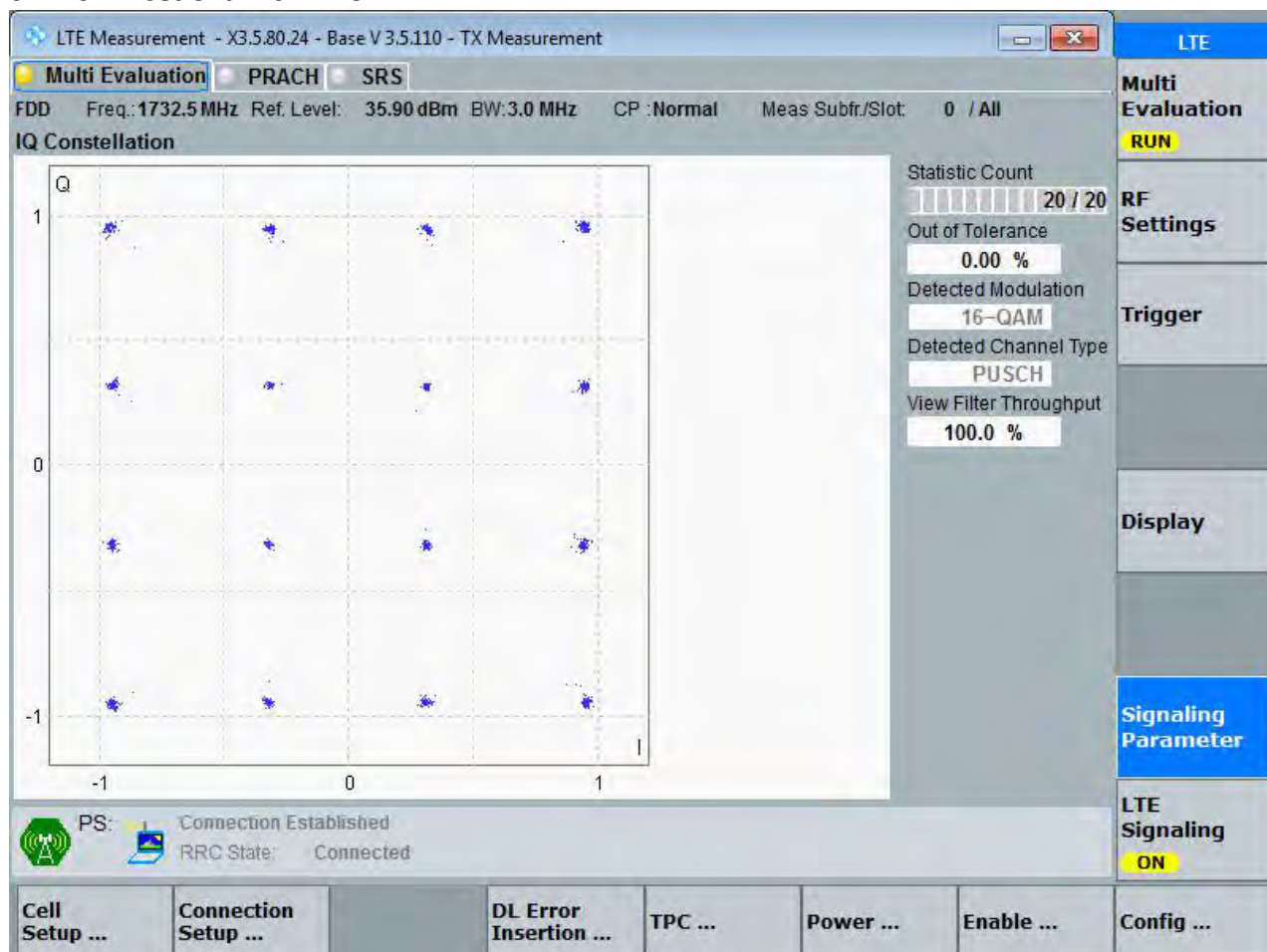
3.1.1.7.1 Test Channel = MCH





3.1.1.8 Test Mode = LTE /TM2 3MHz

3.1.1.8.1 Test Channel = MCH

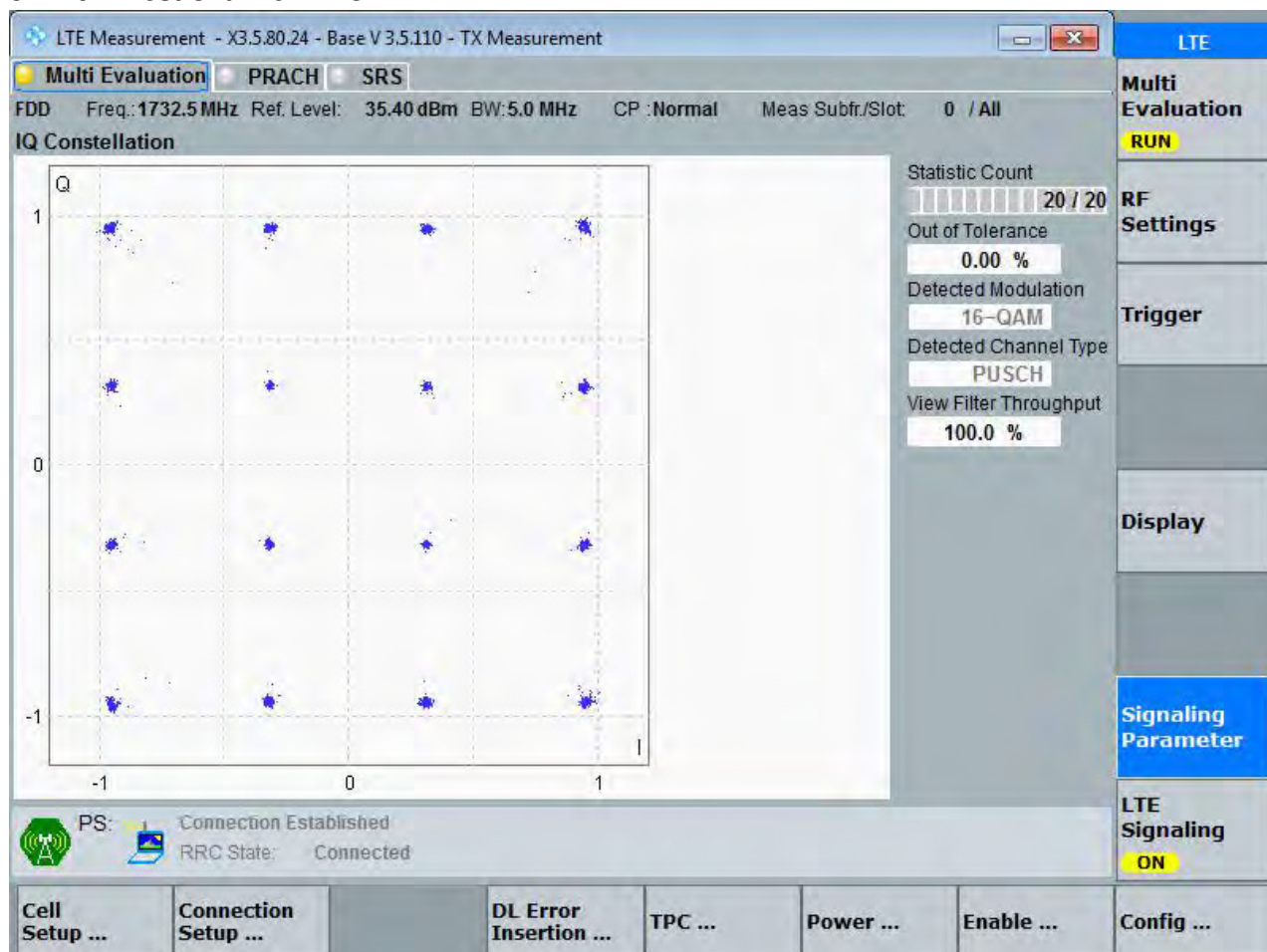






3.1.1.9 Test Mode = LTE /TM2 5MHz

3.1.1.9.1 Test Channel = MCH

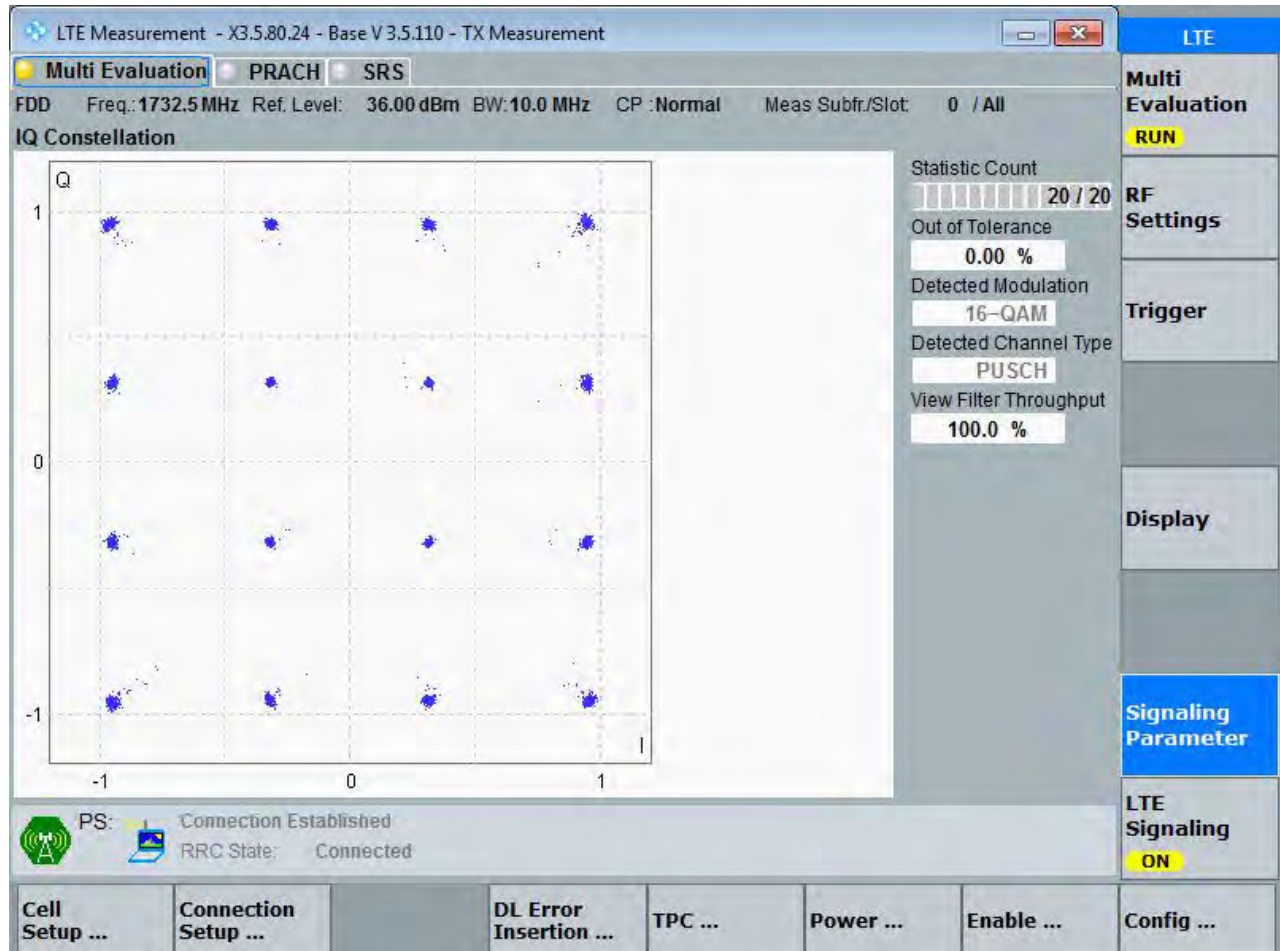






3.1.1.10 Test Mode = LTE /TM2 10MHz

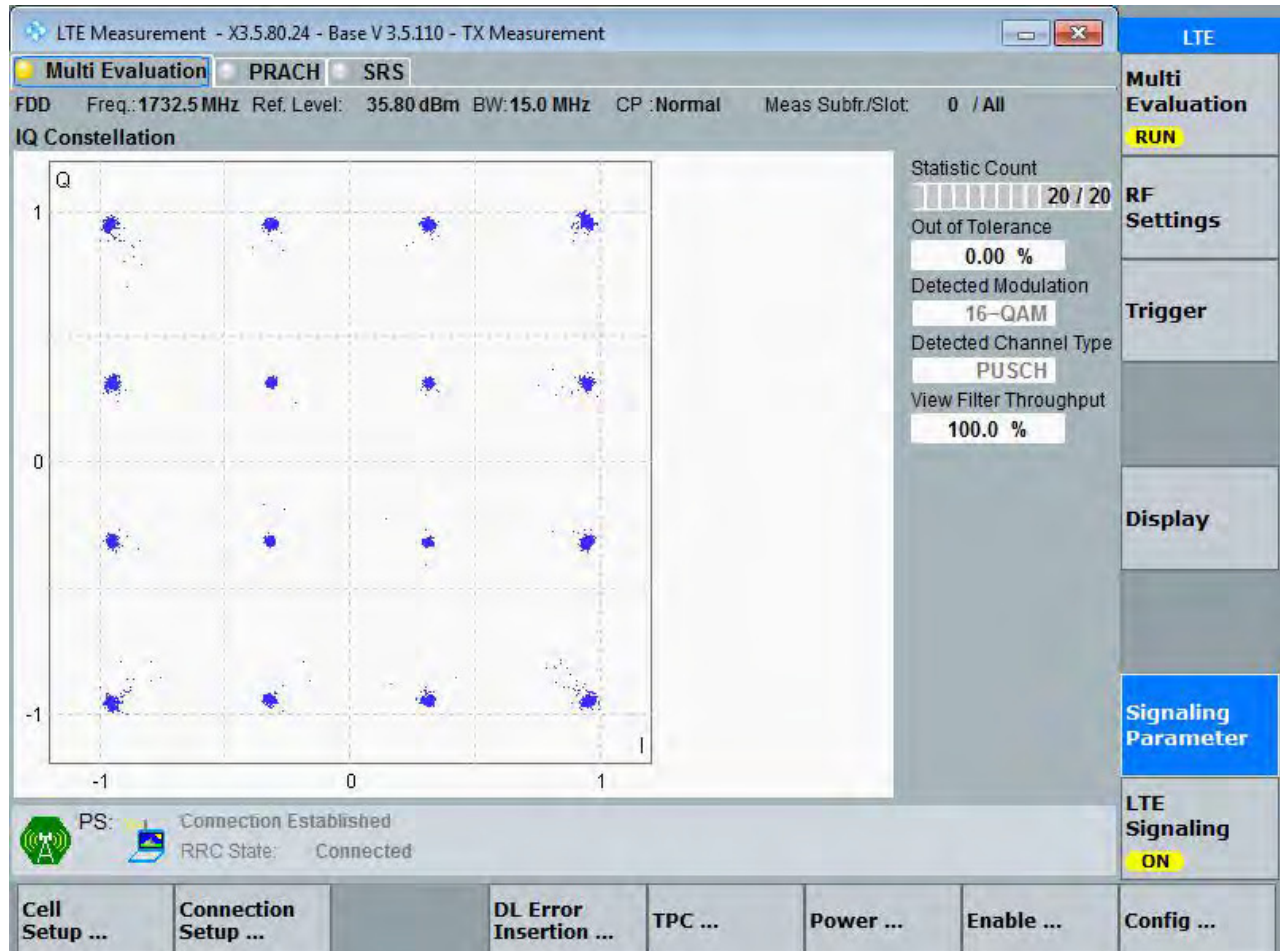
3.1.1.10.1 Test Channel = MCH





3.1.1.11 Test Mode = LTE /TM2 15MHz

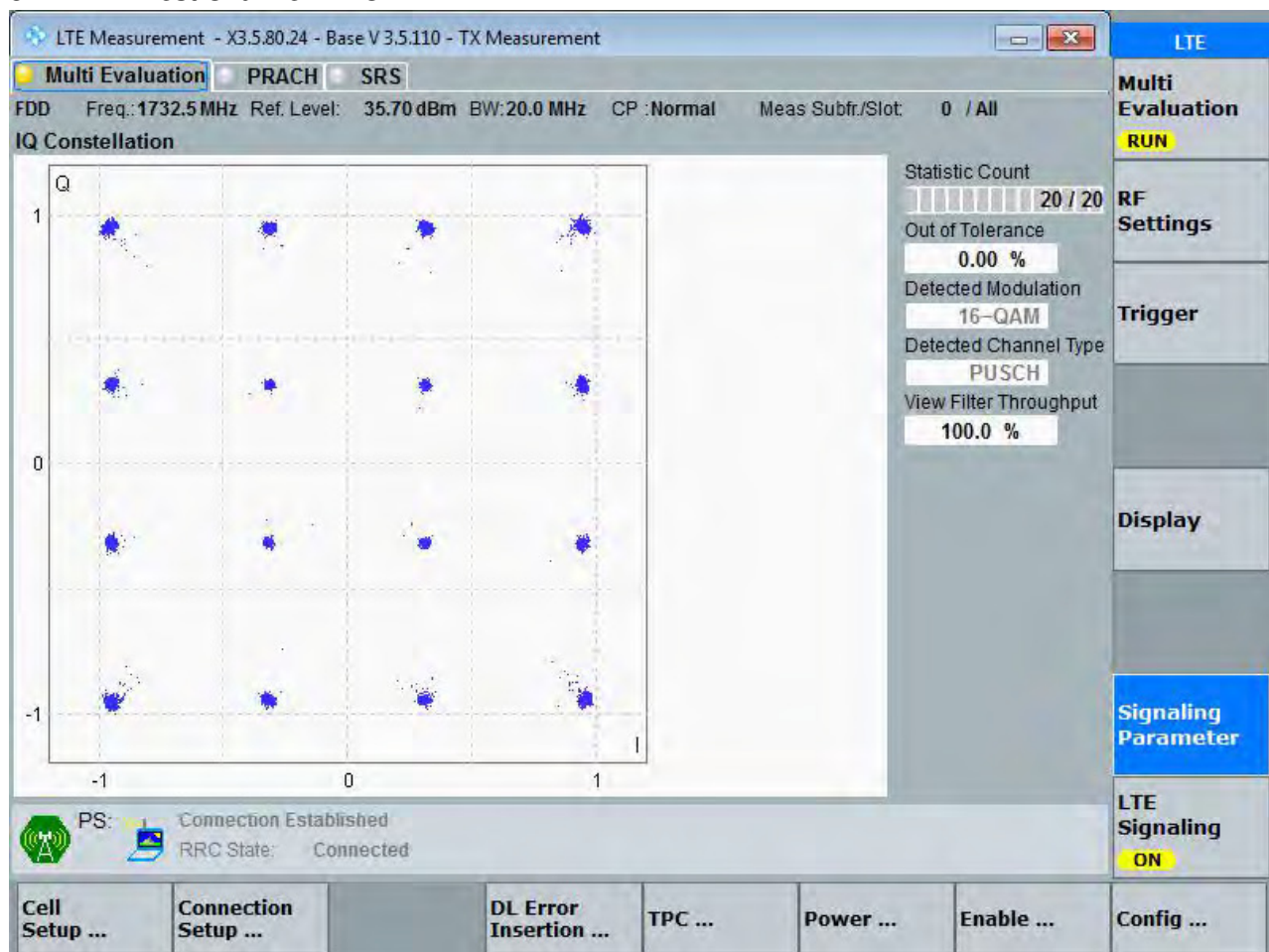
3.1.1.11.1 Test Channel = MCH





3.1.1.12 Test Mode = LTE /TM2 20MHz

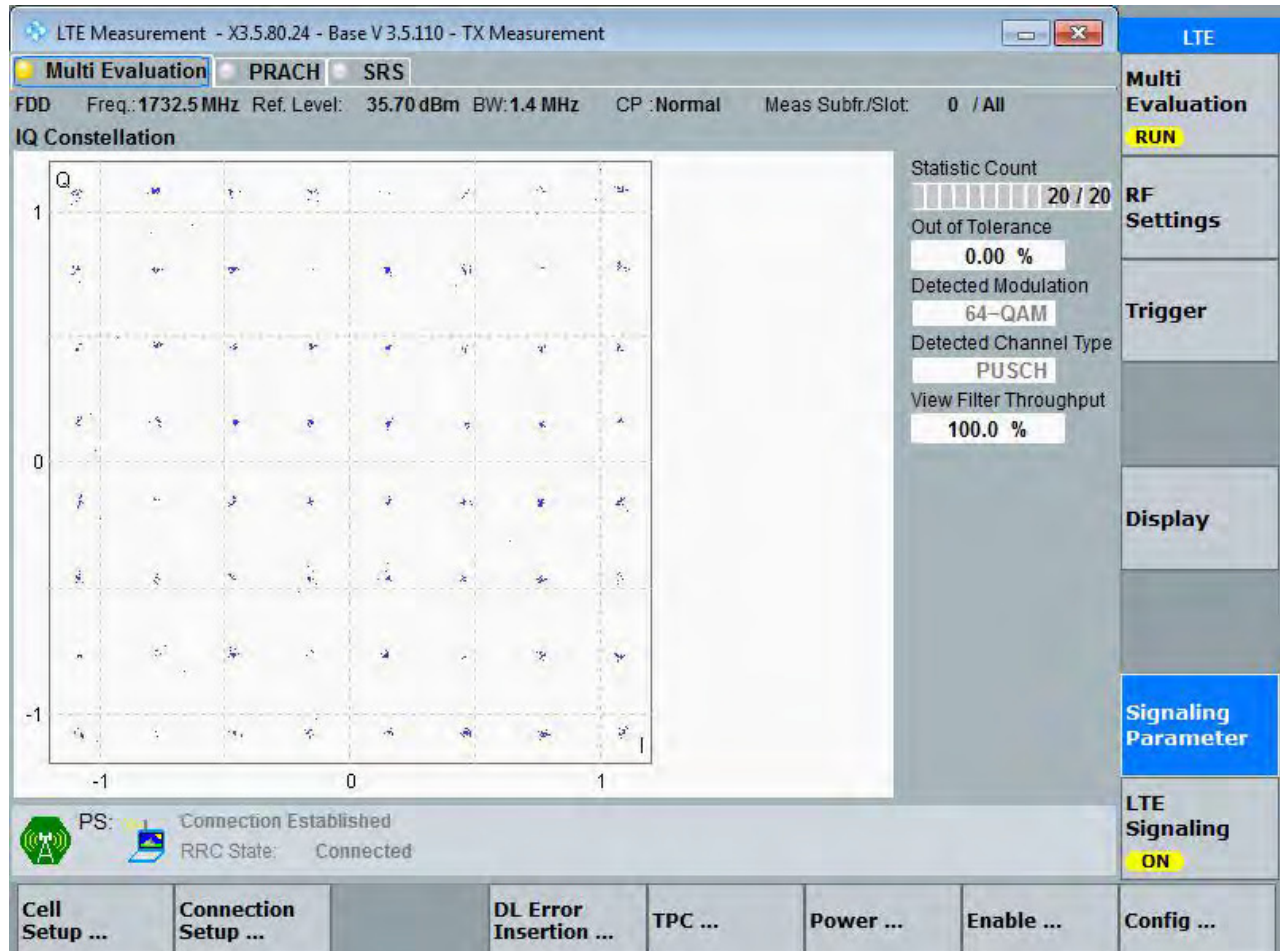
3.1.1.12.1 Test Channel = MCH





3.1.1.13 Test Mode = LTE /TM3 1.4MHz

3.1.1.13.1 Test Channel = MCH

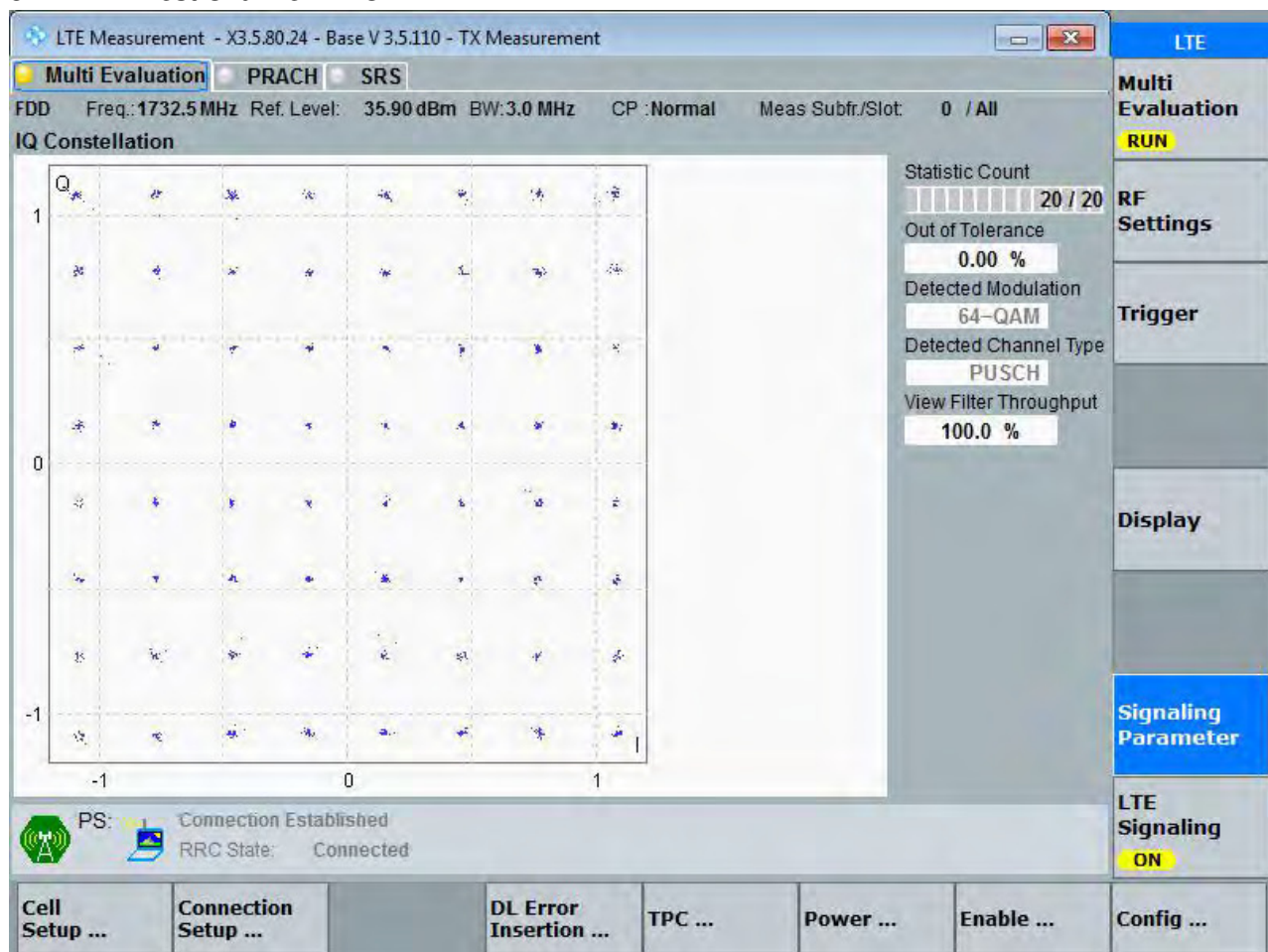






3.1.1.14 Test Mode = LTE /TM3 3MHz

3.1.1.14.1 Test Channel = MCH

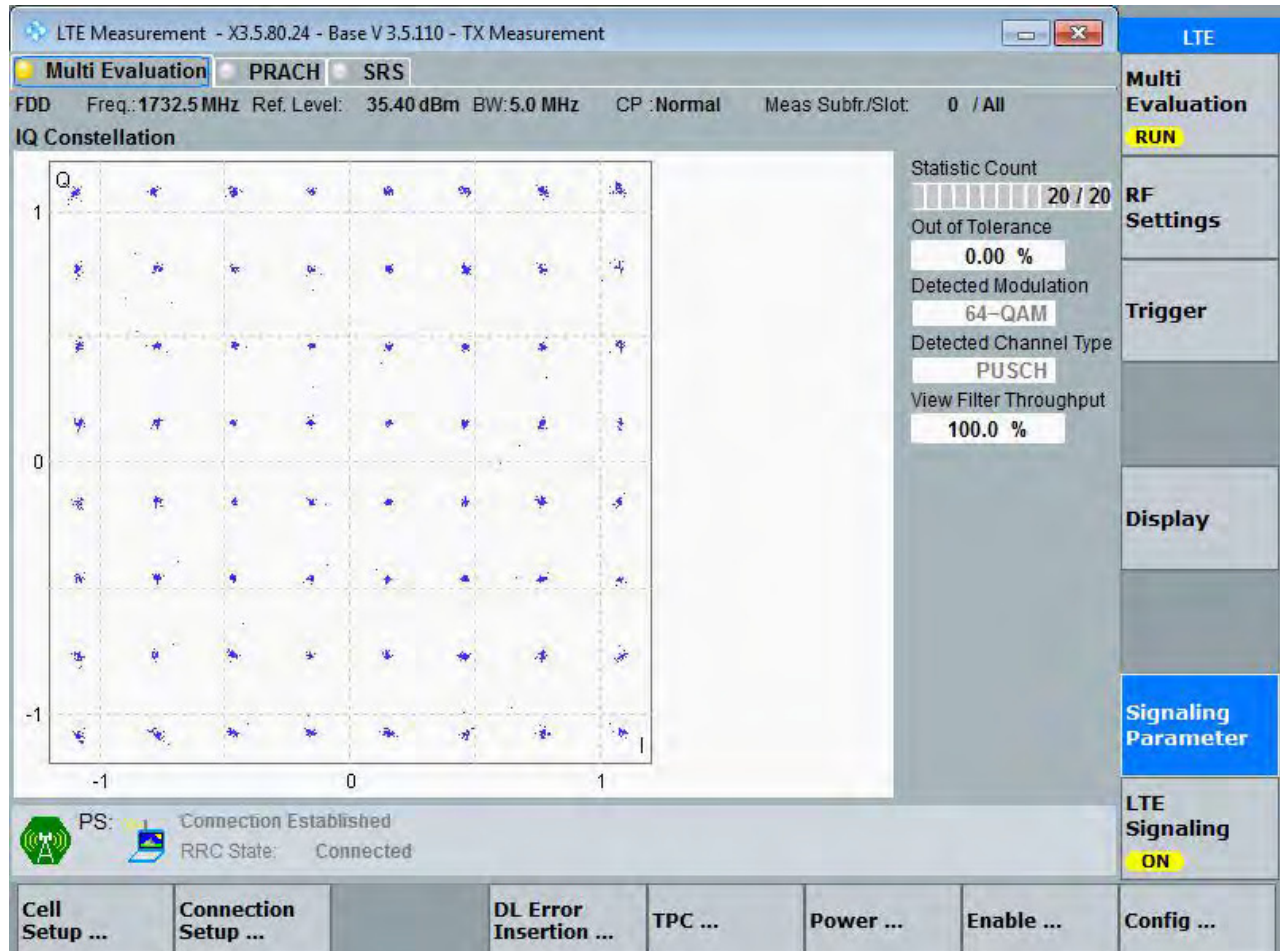






3.1.1.15 Test Mode = LTE /TM3 5MHz

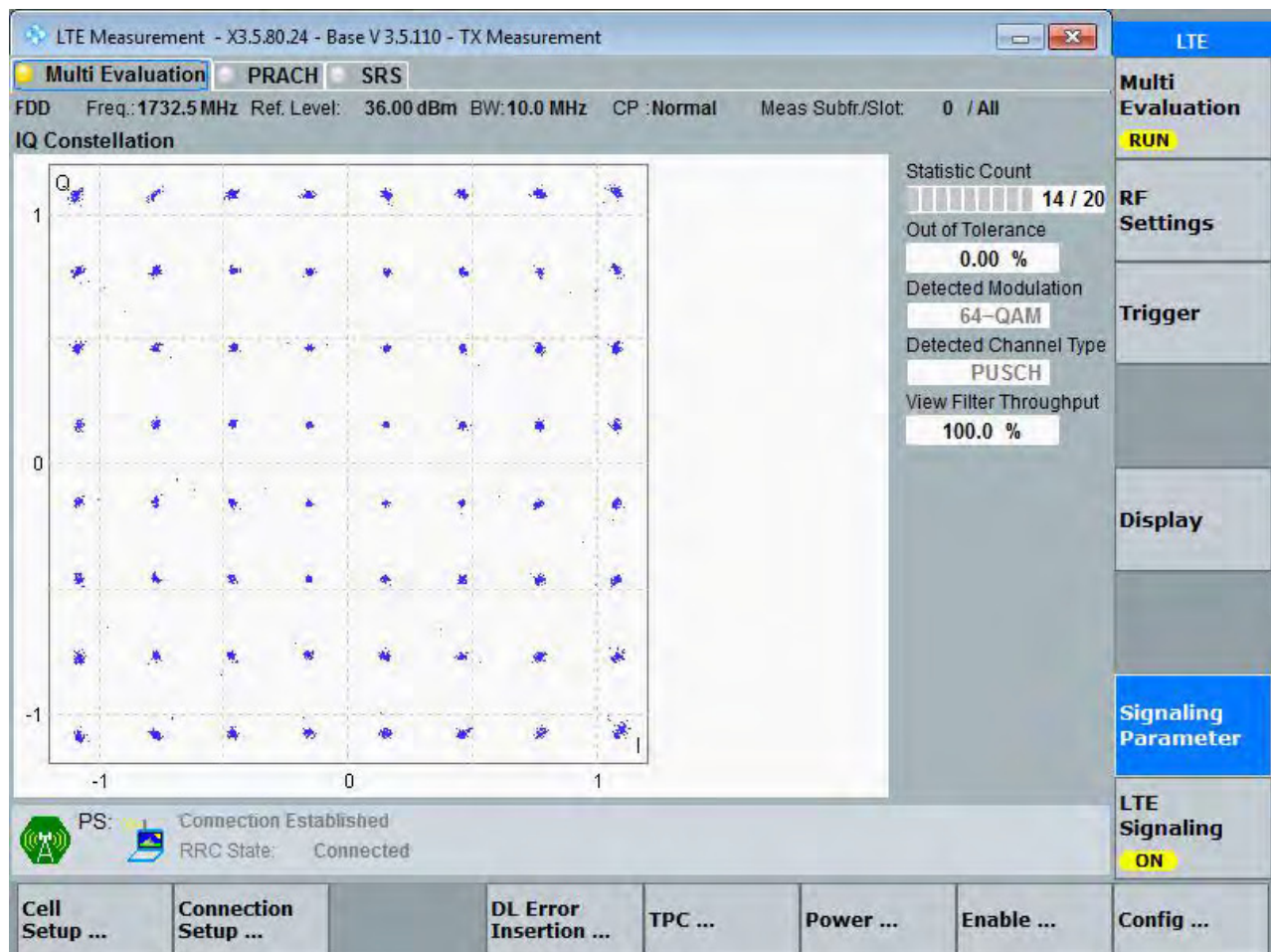
3.1.1.15.1 Test Channel = MCH





3.1.1.16 Test Mode = LTE /TM3 10MHz

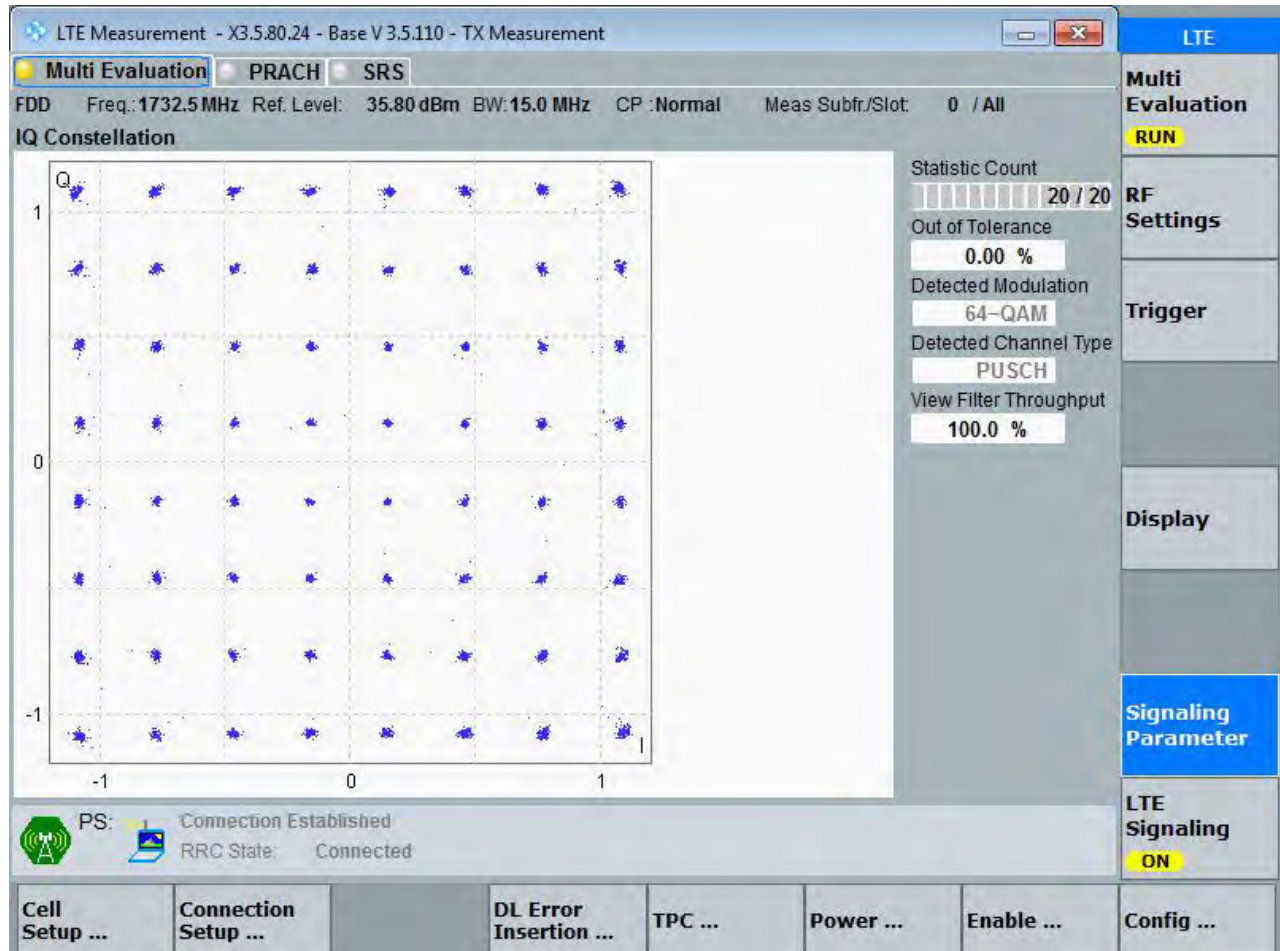
3.1.1.16.1 Test Channel = MCH





3.1.1.17 Test Mode = LTE /TM3 15MHz

3.1.1.17.1 Test Channel = MCH

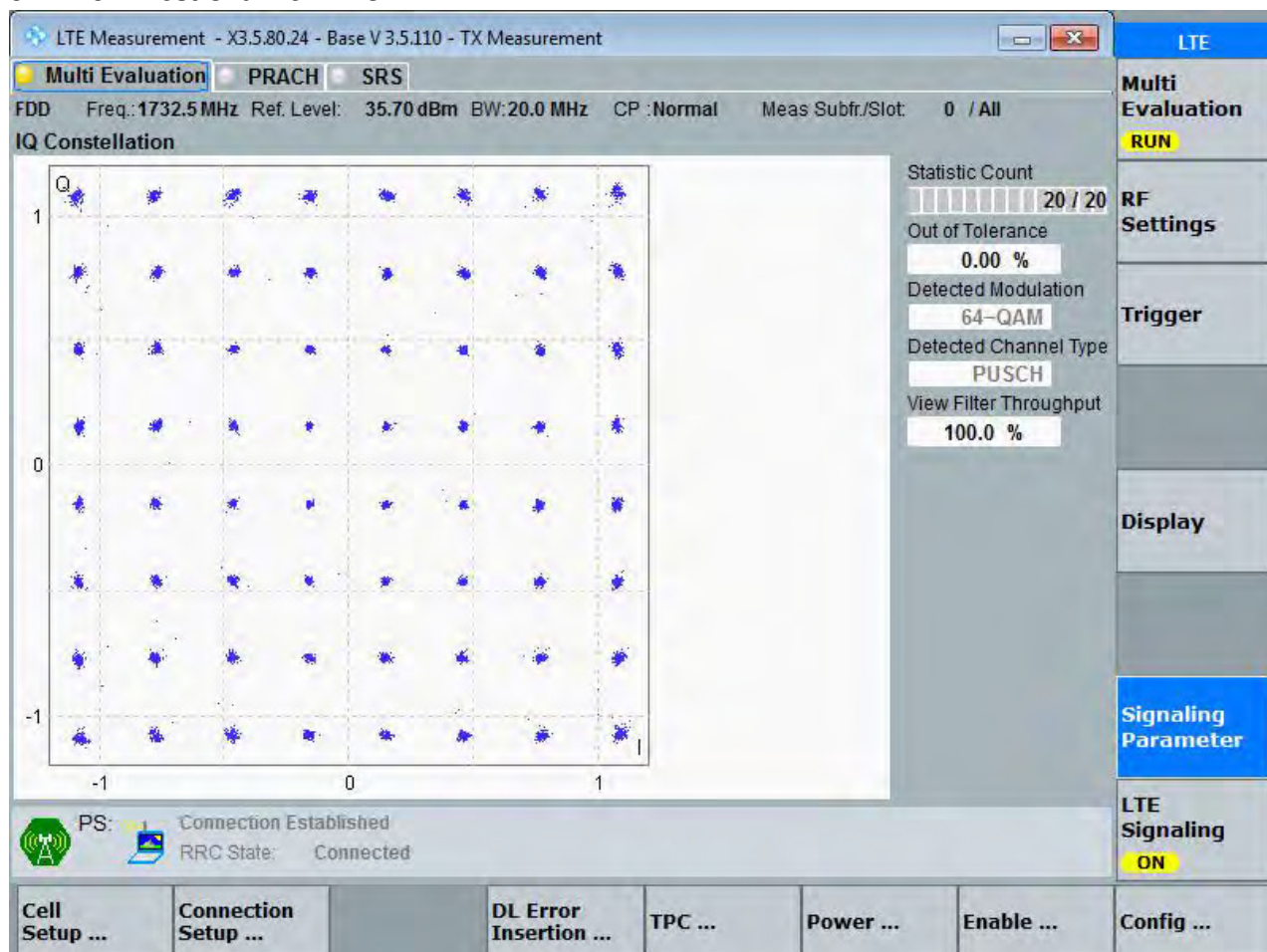






3.1.1.18 Test Mode = LTE /TM3 20MHz

3.1.1.18.1 Test Channel = MCH





## 4 Bandwidth

### Part I - Test Results

| Test Band | Test Mode  | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
| Band 4    | TM1/1.4MHz | LCH          | 1.09                     | 1.24                     | PASS    |
|           |            | MCH          | 1.09                     | 1.24                     | PASS    |
|           |            | HCH          | 1.10                     | 1.23                     | PASS    |
|           | TM2/1.4MHz | LCH          | 1.09                     | 1.23                     | PASS    |
|           |            | MCH          | 1.09                     | 1.25                     | PASS    |
|           |            | HCH          | 1.09                     | 1.24                     | PASS    |
|           | TM3/1.4MHz | LCH          | 1.10                     | 1.25                     | PASS    |
|           |            | MCH          | 1.09                     | 1.24                     | PASS    |
|           |            | HCH          | 1.09                     | 1.23                     | PASS    |
|           | TM1/ 3MHz  | LCH          | 2.69                     | 2.94                     | PASS    |
|           |            | MCH          | 2.69                     | 2.93                     | PASS    |
|           |            | HCH          | 2.69                     | 2.94                     | PASS    |
|           | TM2/3MHz   | LCH          | 2.69                     | 2.94                     | PASS    |
|           |            | MCH          | 2.69                     | 2.96                     | PASS    |
|           |            | HCH          | 2.69                     | 2.94                     | PASS    |
|           | TM3/3MHz   | LCH          | 2.69                     | 2.94                     | PASS    |
|           |            | MCH          | 2.69                     | 2.94                     | PASS    |
|           |            | HCH          | 2.68                     | 2.91                     | PASS    |
|           | TM1/ 5MHz  | LCH          | 4.49                     | 4.89                     | PASS    |
|           |            | MCH          | 4.49                     | 4.90                     | PASS    |
|           |            | HCH          | 4.48                     | 4.88                     | PASS    |
|           | TM2/ 5MHz  | LCH          | 4.48                     | 4.89                     | PASS    |
|           |            | MCH          | 4.47                     | 4.85                     | PASS    |
|           |            | HCH          | 4.49                     | 4.93                     | PASS    |
|           | TM3/5MHz   | LCH          | 4.48                     | 4.89                     | PASS    |
|           |            | MCH          | 4.47                     | 4.89                     | PASS    |
|           |            | HCH          | 4.48                     | 4.89                     | PASS    |
|           | TM1/10MHz  | LCH          | 8.93                     | 9.65                     | PASS    |
|           |            | MCH          | 8.93                     | 9.71                     | PASS    |
|           |            | HCH          | 8.93                     | 9.71                     | PASS    |
|           | TM2/ 10MHz | LCH          | 8.93                     | 9.650                    | PASS    |
|           |            | MCH          | 8.93                     | 9.530                    | PASS    |
|           |            | HCH          | 8.95                     | 9.670                    | PASS    |





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**Shenzhen Branch**

Report No.: SZEM170100023101

Page: 50 of 235

| Test Band | Test Mode  | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
| Band 4    | TM3/ 10MHz | LCH          | 8.93                     | 9.65                     | PASS    |
|           |            | MCH          | 8.93                     | 9.61                     | PASS    |
|           |            | HCH          | 8.95                     | 9.69                     | PASS    |
|           | TM1/ 15MHz | LCH          | 13.46                    | 14.78                    | PASS    |
|           |            | MCH          | 13.46                    | 14.77                    | PASS    |
|           |            | HCH          | 13.43                    | 14.76                    | PASS    |
|           | TM2/ 15MHz | LCH          | 13.49                    | 14.75                    | PASS    |
|           |            | MCH          | 13.46                    | 14.68                    | PASS    |
|           |            | HCH          | 13.49                    | 14.73                    | PASS    |
|           | TM3/ 15MHz | LCH          | 13.46                    | 14.81                    | PASS    |
|           |            | MCH          | 13.49                    | 14.70                    | PASS    |
|           |            | HCH          | 13.46                    | 14.72                    | PASS    |
|           | TM1/ 20MHz | LCH          | 17.94                    | 19.34                    | PASS    |
|           |            | MCH          | 17.90                    | 19.50                    | PASS    |
|           |            | HCH          | 17.90                    | 19.31                    | PASS    |
|           | TM2/ 20MHz | LCH          | 17.94                    | 19.54                    | PASS    |
|           |            | MCH          | 17.86                    | 19.34                    | PASS    |
|           |            | HCH          | 17.90                    | 19.31                    | PASS    |
|           | TM3/ 20MHz | LCH          | 17.94                    | 19.46                    | PASS    |
|           |            | MCH          | 17.86                    | 19.26                    | PASS    |
|           |            | HCH          | 17.86                    | 19.39                    | PASS    |

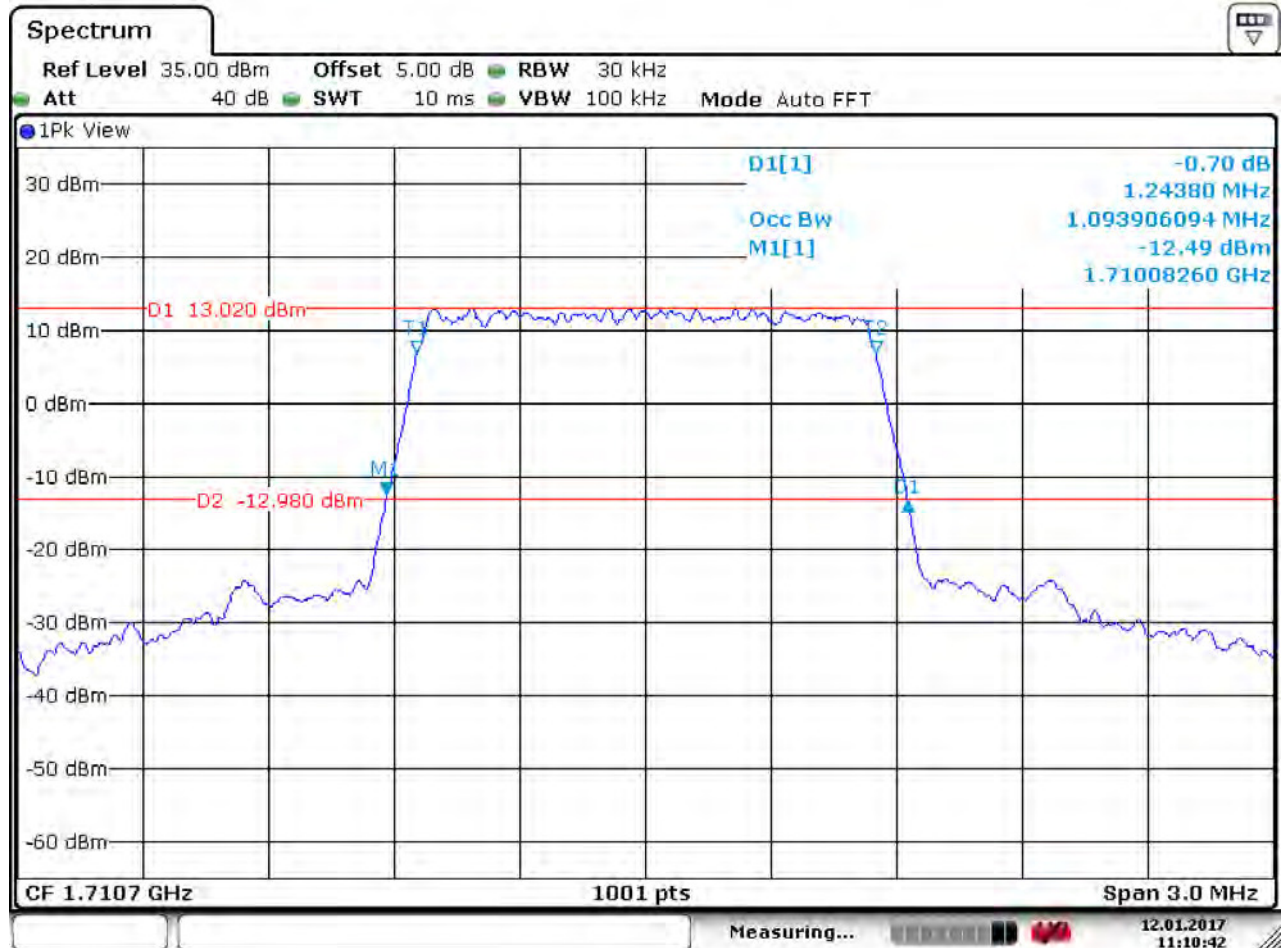
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## 4.1 For LTE

### 4.1.1 Test Band = LTE band4

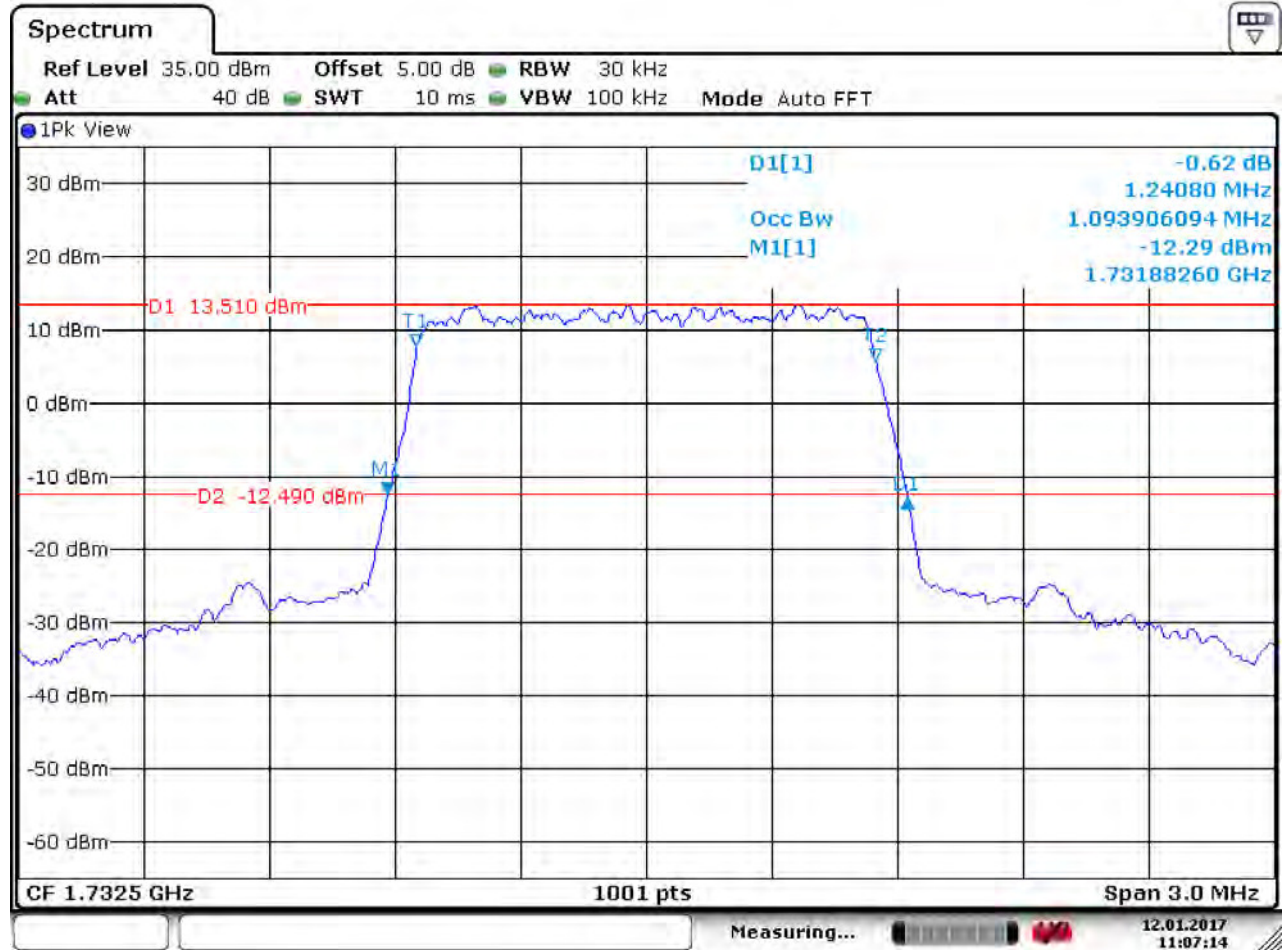
#### 4.1.1.1 Test Mode = LTE/TM1 1.4MHz

##### 4.1.1.1.1 Test Channel = LCH



Date: 12 JAN. 2017 11:10:42

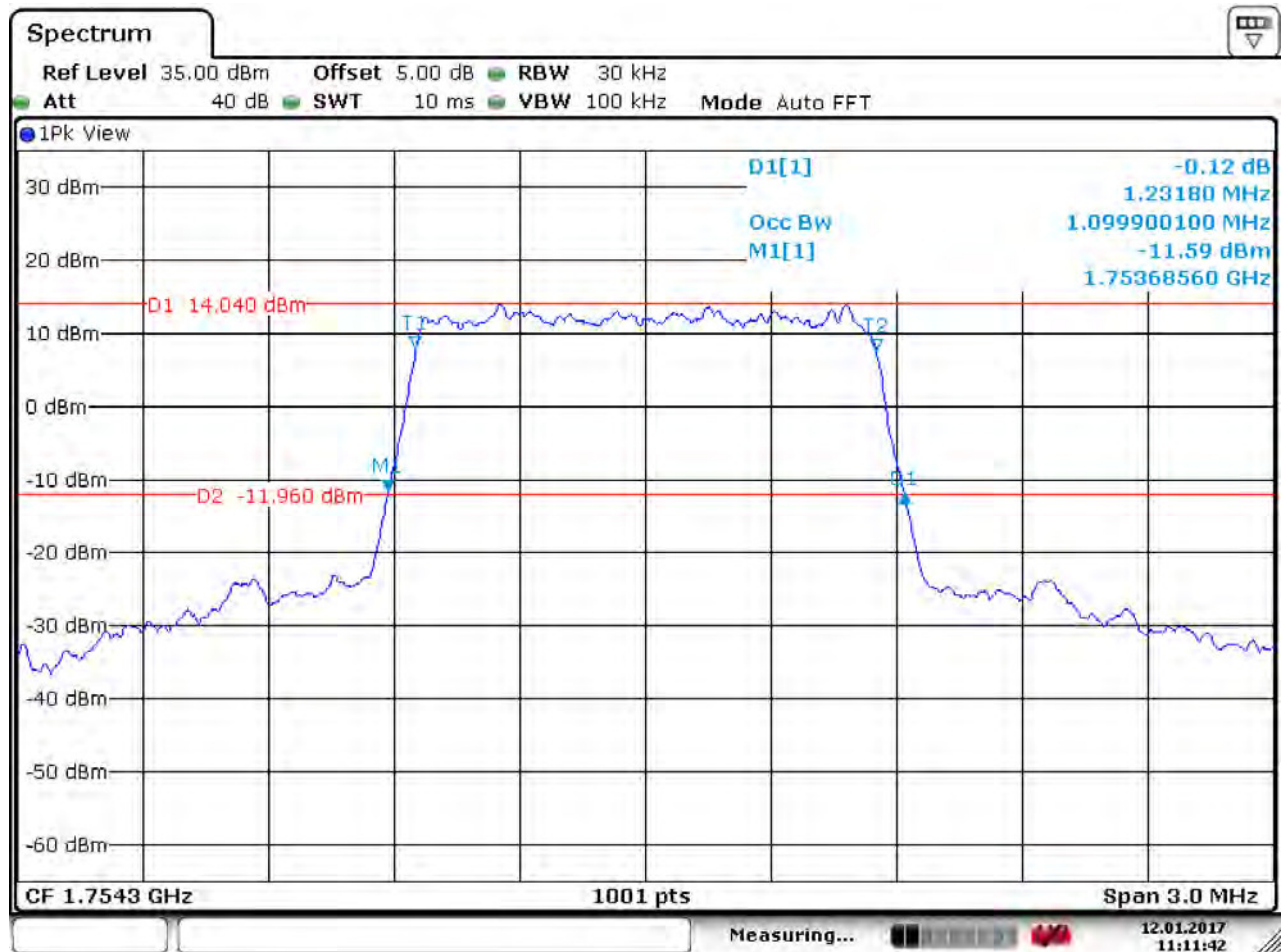
#### 4.1.1.1.2 Test Channel = MCH



Date: 12 JAN. 2017 11:07:14



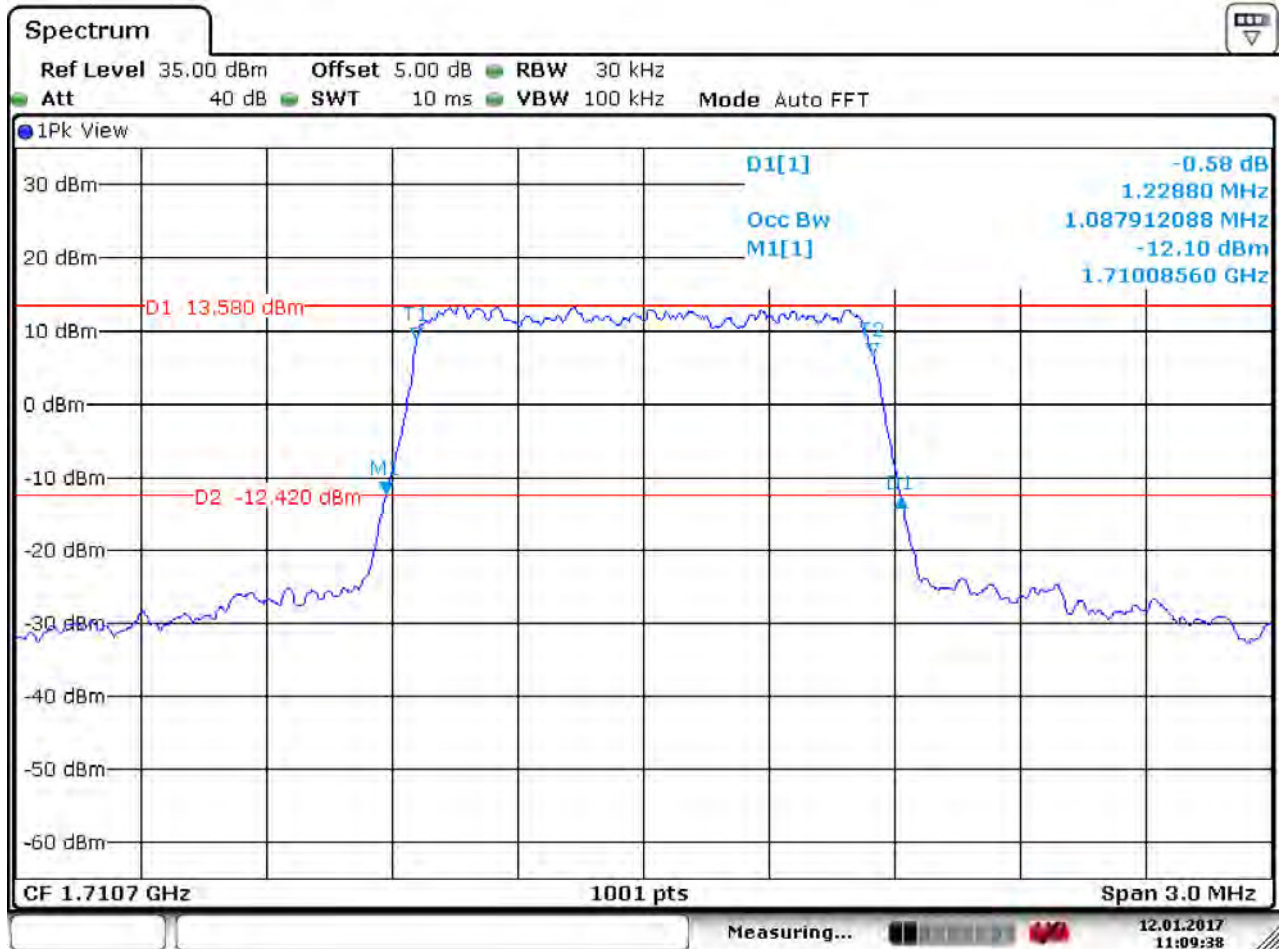
4.1.1.1.3 Test Channel = HCH



Date: 12.JAN.2017 11:11:43

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

#### 4.1.1.2.1 Test Channel = LCH

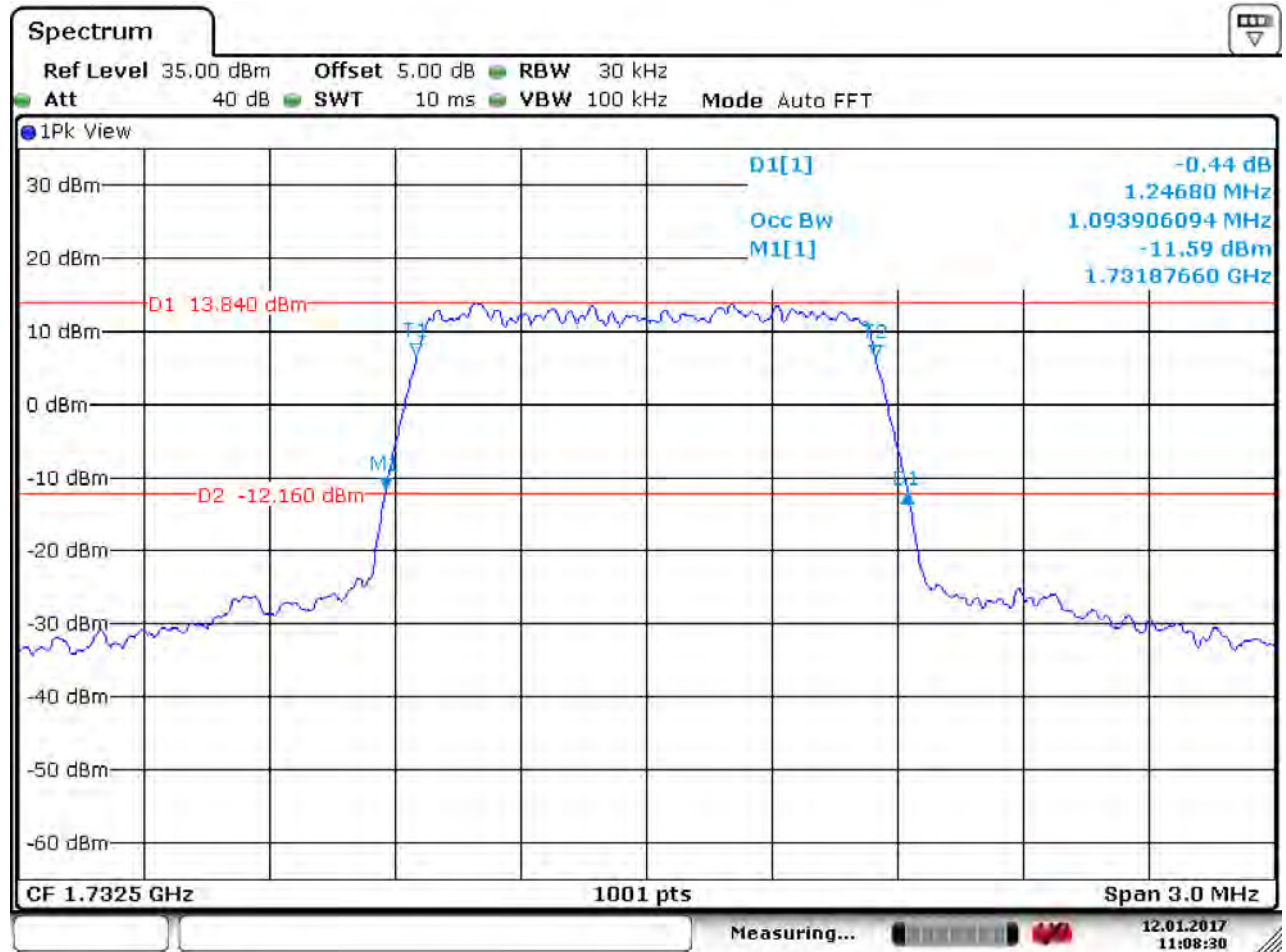


Date: 12.JAN.2017 11:09:38

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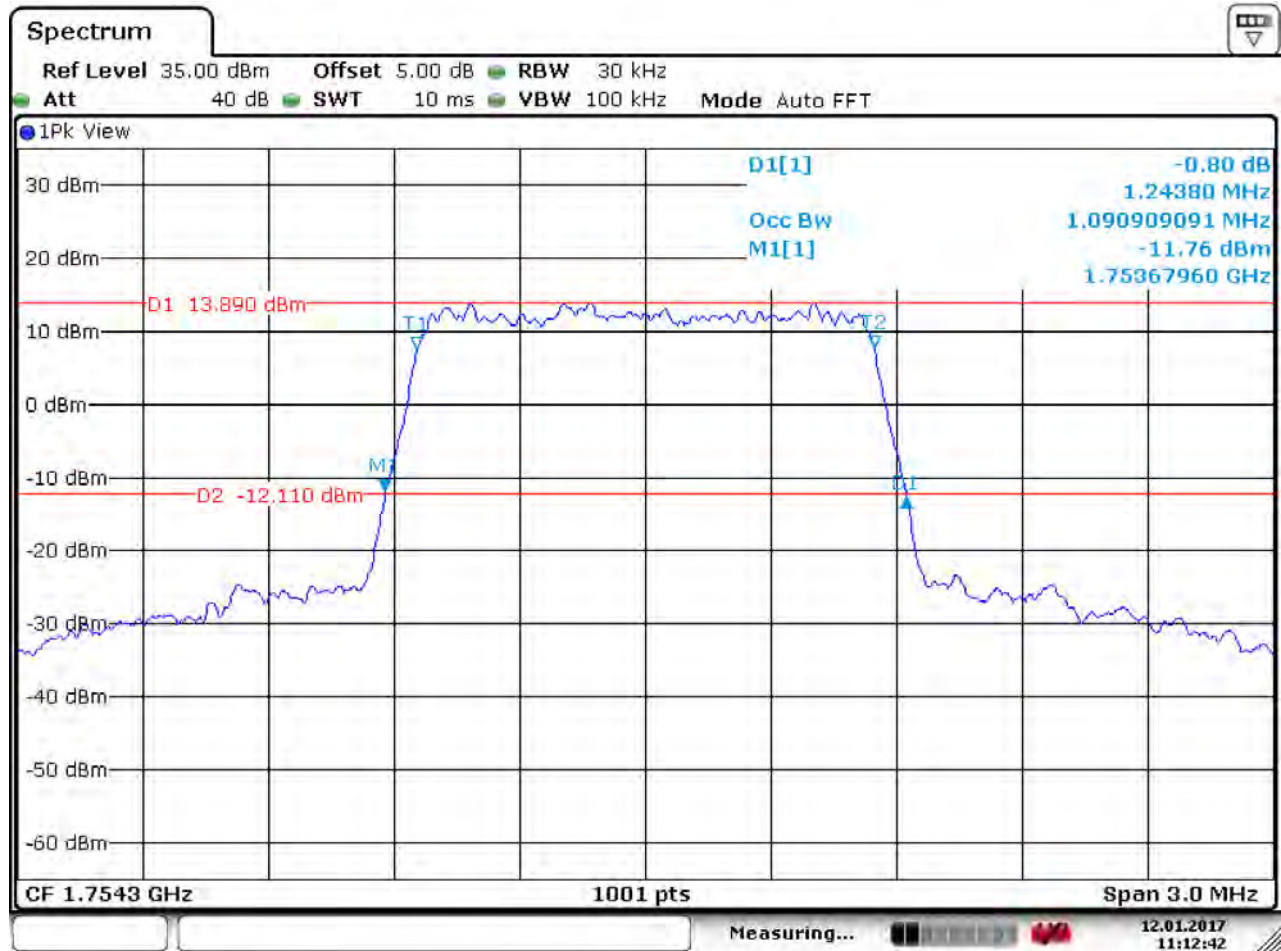


#### 4.1.1.2.2 Test Channel = MCH



Date: 12.JAN.2017 11:08:30

#### 4.1.1.2.3 Test Channel = HCH

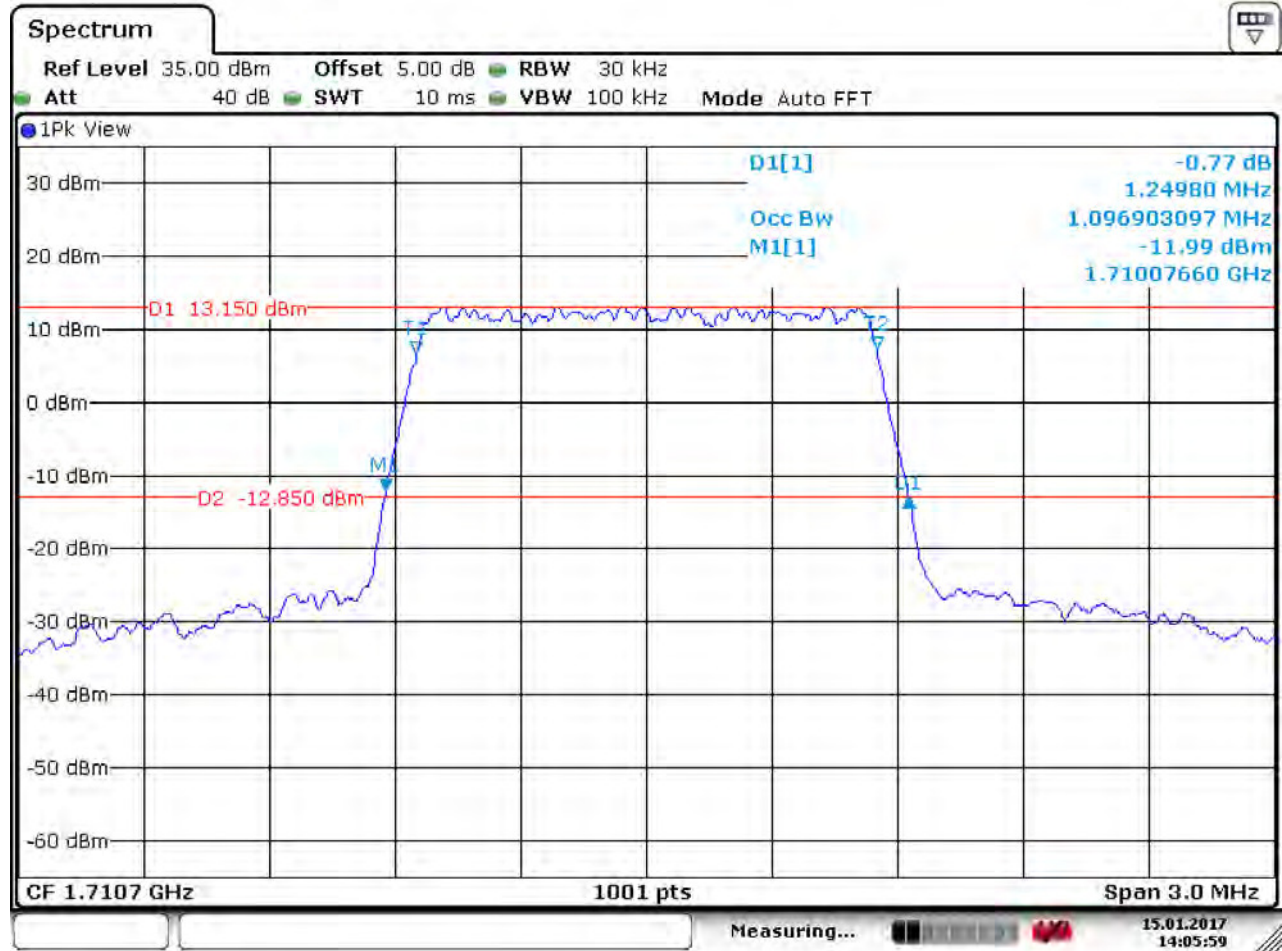


Date: 12.JAN.2017 11:12:43

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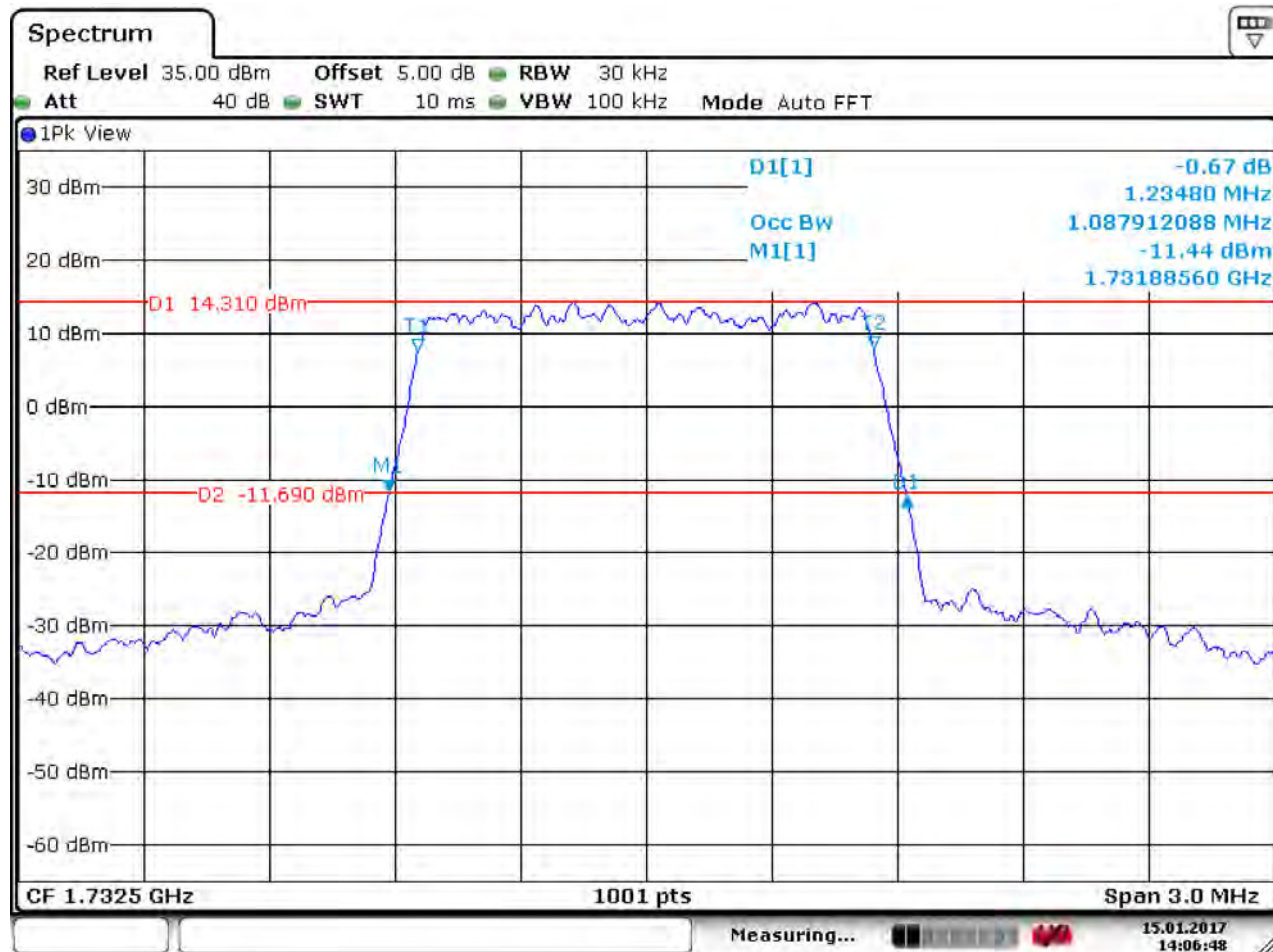
#### 4.1.1.3 Test Mode = LTE/TM3 1.4MHz

##### 4.1.1.3.1 Test Channel = LCH



Date: 15.JAN.2017 14:05:59

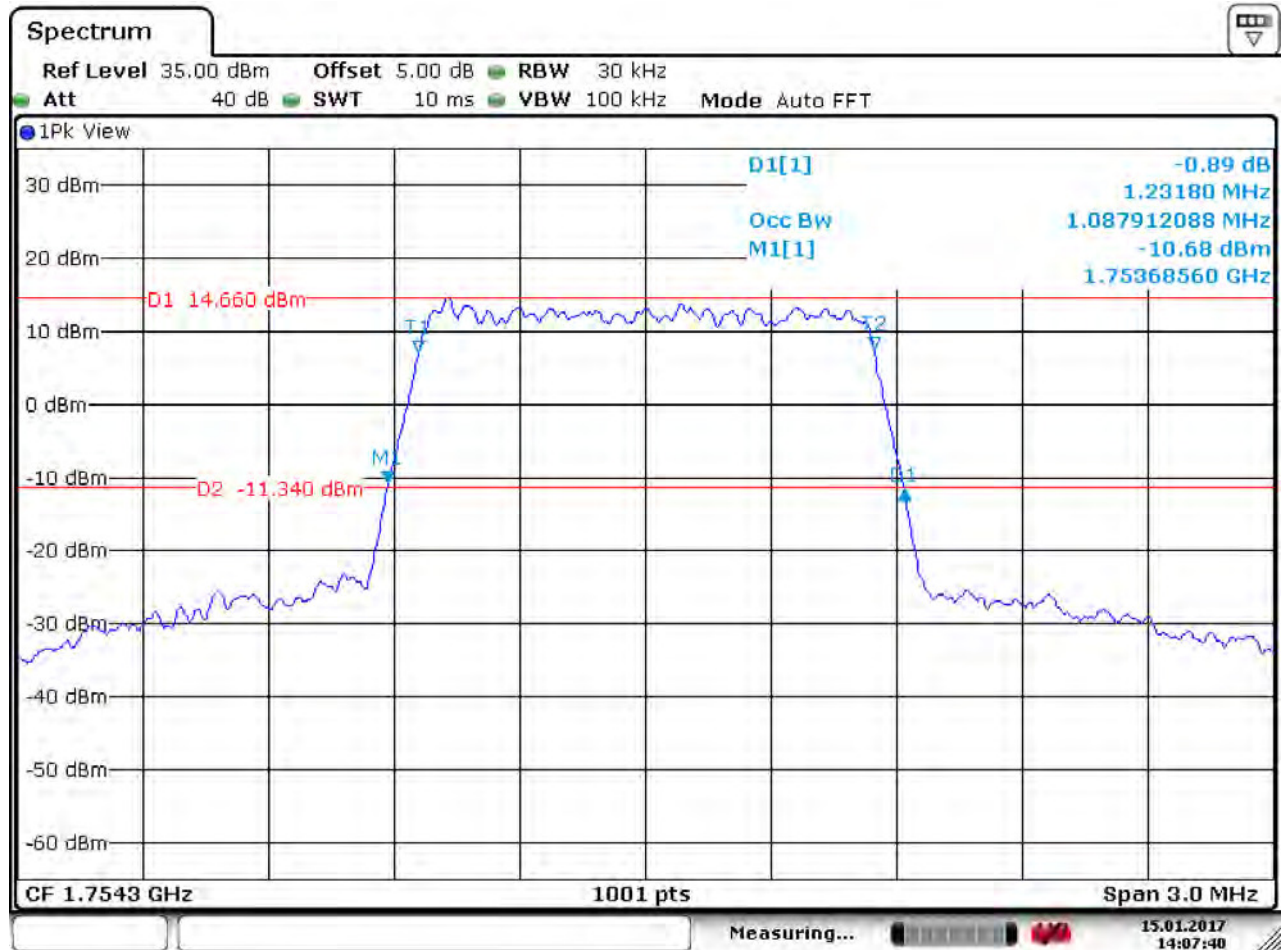
#### 4.1.1.3.2 Test Channel = MCH



Date: 15.JAN.2017 14:06:49



#### 4.1.1.3.3 Test Channel = HCH

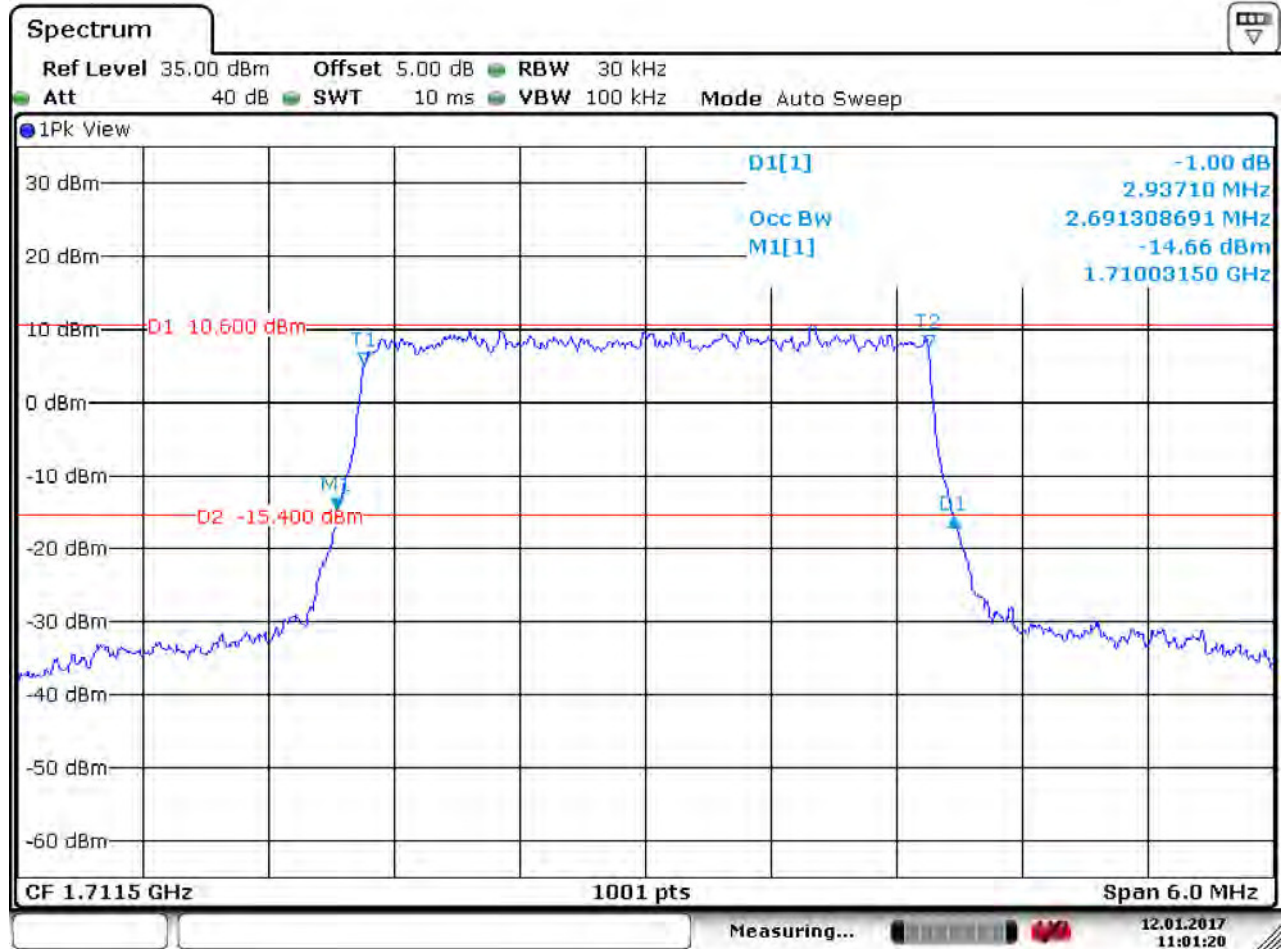


Date: 15.JAN.2017 14:07:41



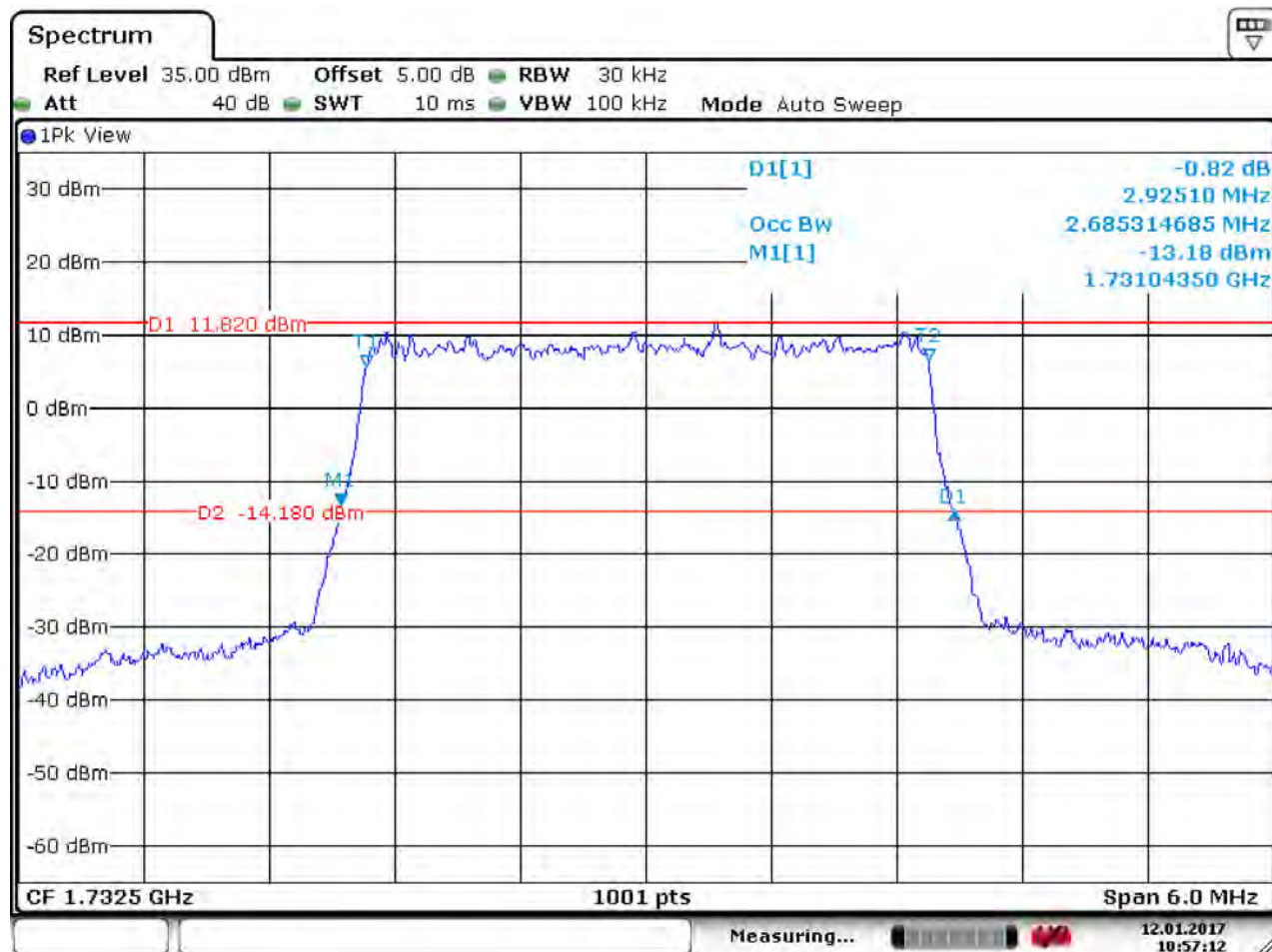
#### 4.1.1.4 Test Mode = LTE/TM1 3MHz

##### 4.1.1.4.1 Test Channel = LCH



Date: 12.JAN.2017 11:01:20

#### 4.1.1.4.2 Test Channel = MCH

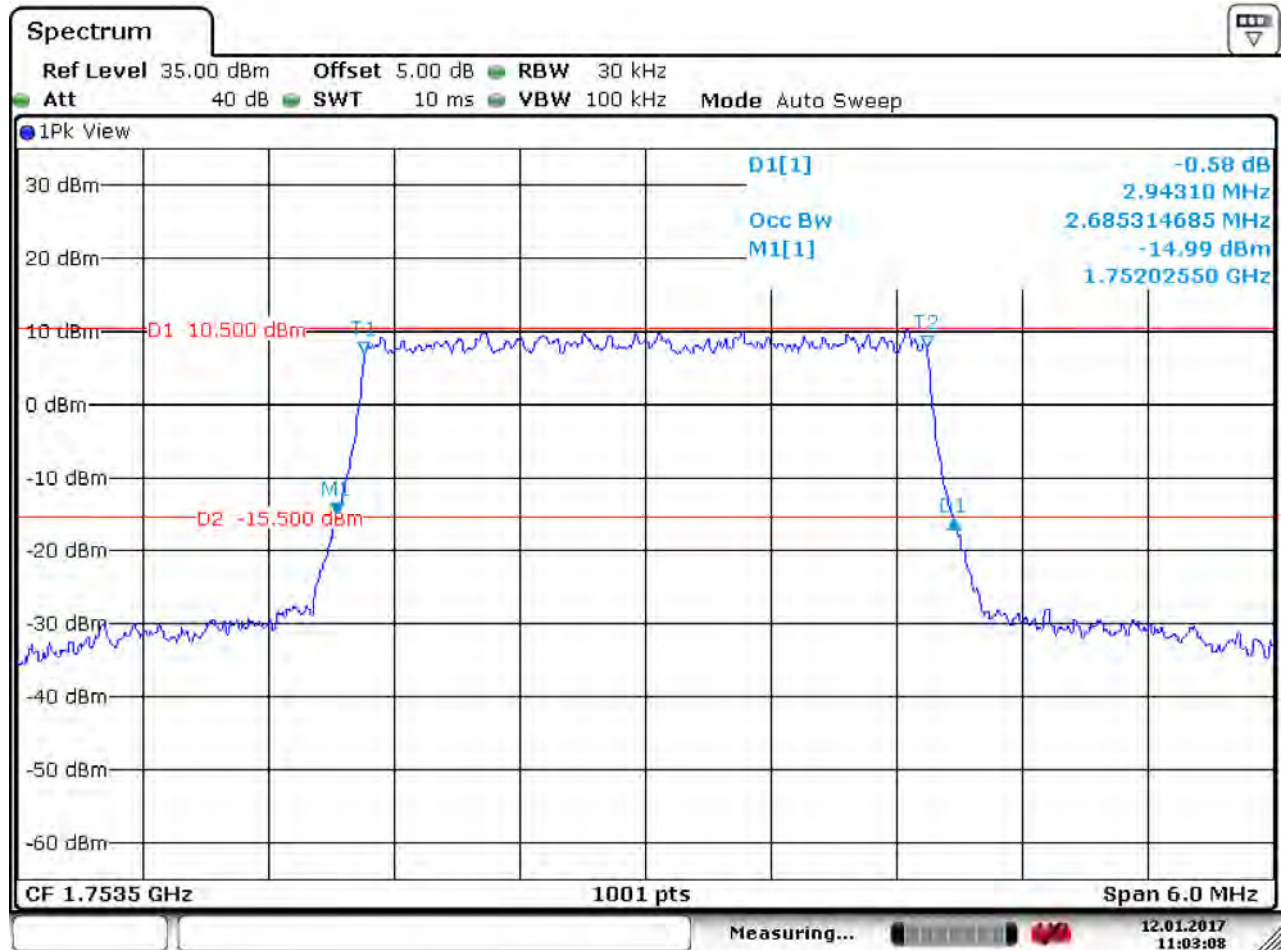


Date: 12 JAN 2017 10:57:13

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4.1.1.4.3 Test Channel = HCH

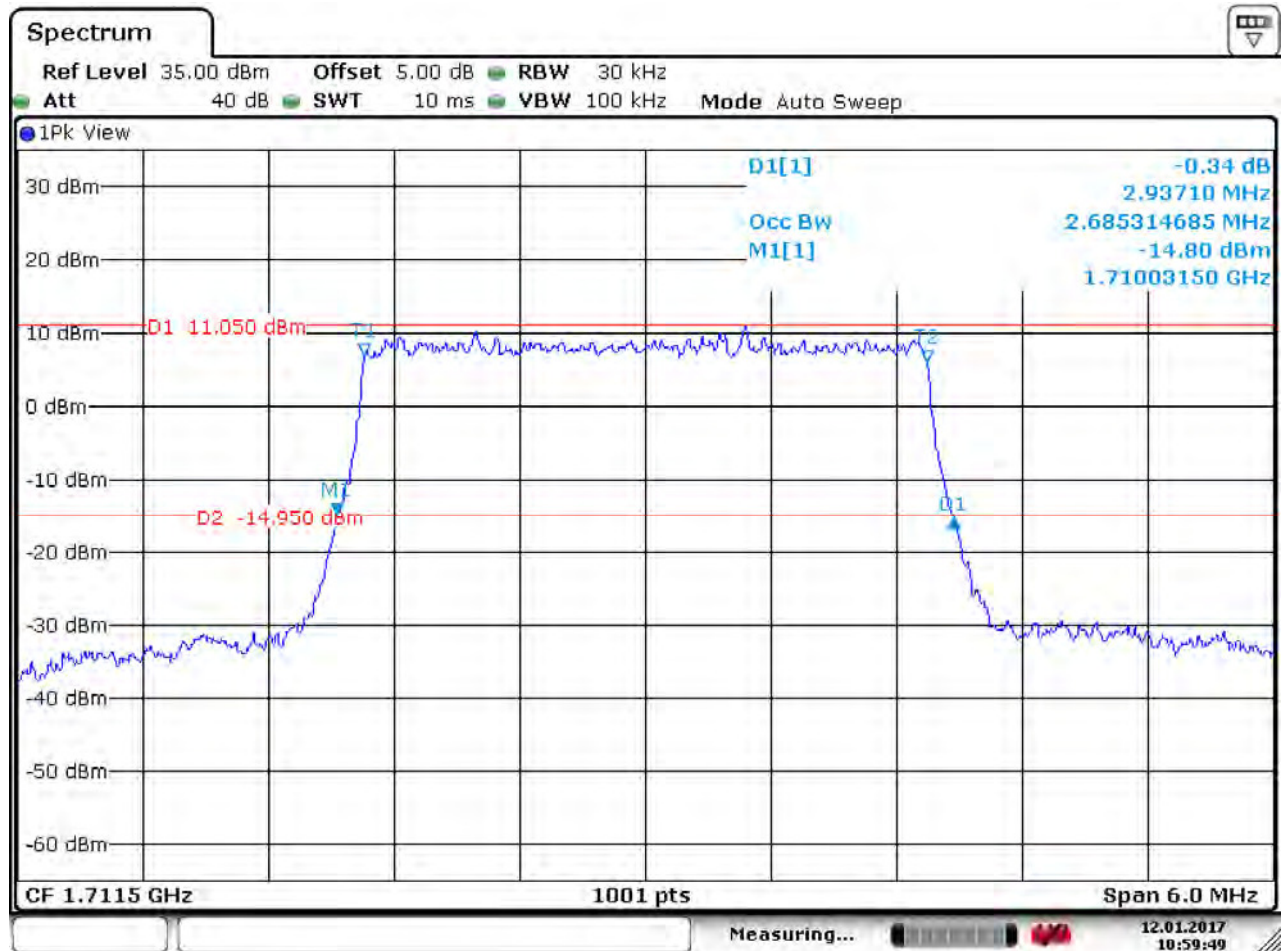


Date: 12.JAN.2017 11:03:08



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

##### 4.1.1.5.1 Test Channel = LCH

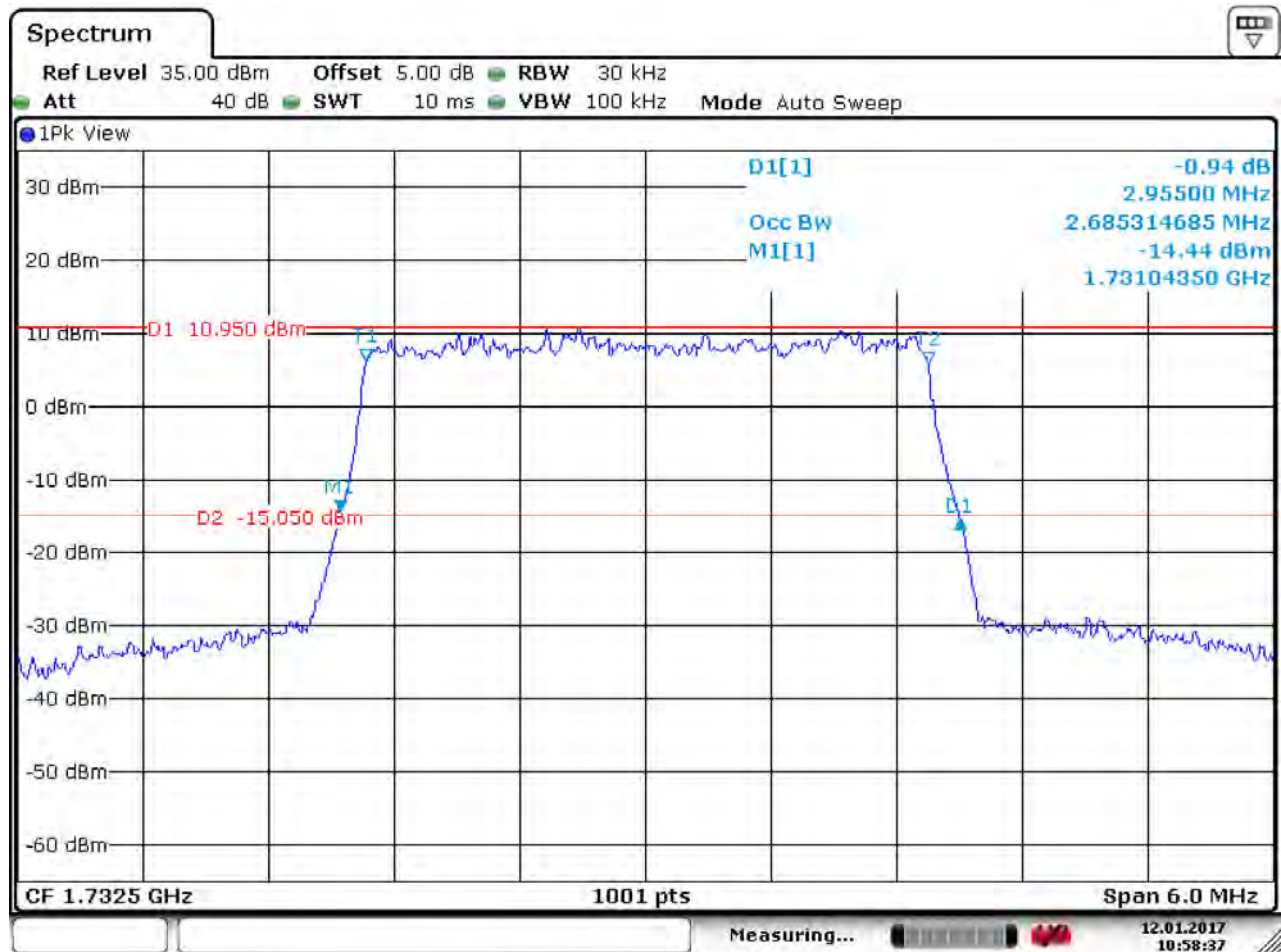


Date: 12.JAN.2017 10:59:50





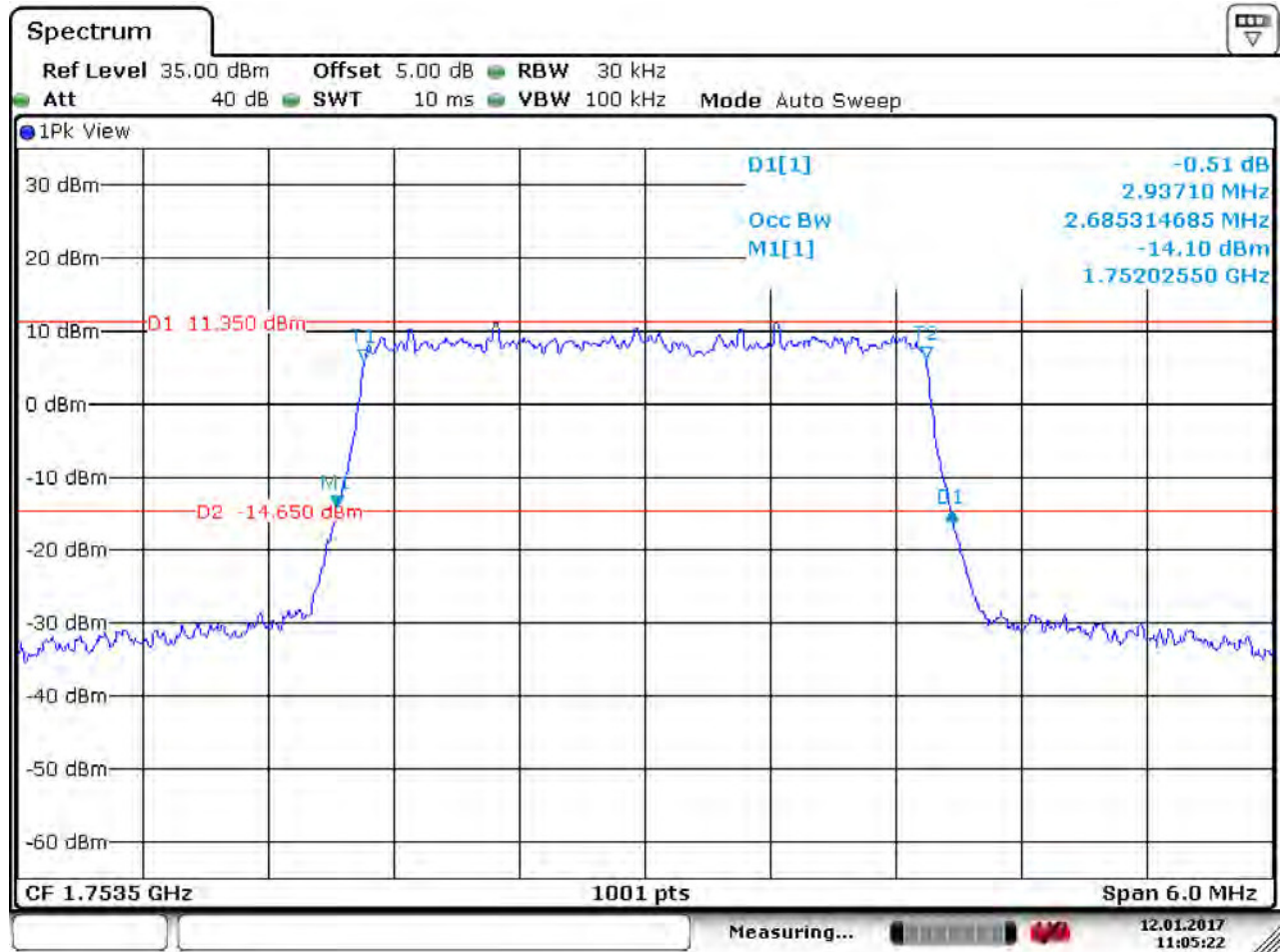
4.1.1.5.2 Test Channel = MCH



Date: 12.JAN.2017 10:58:38



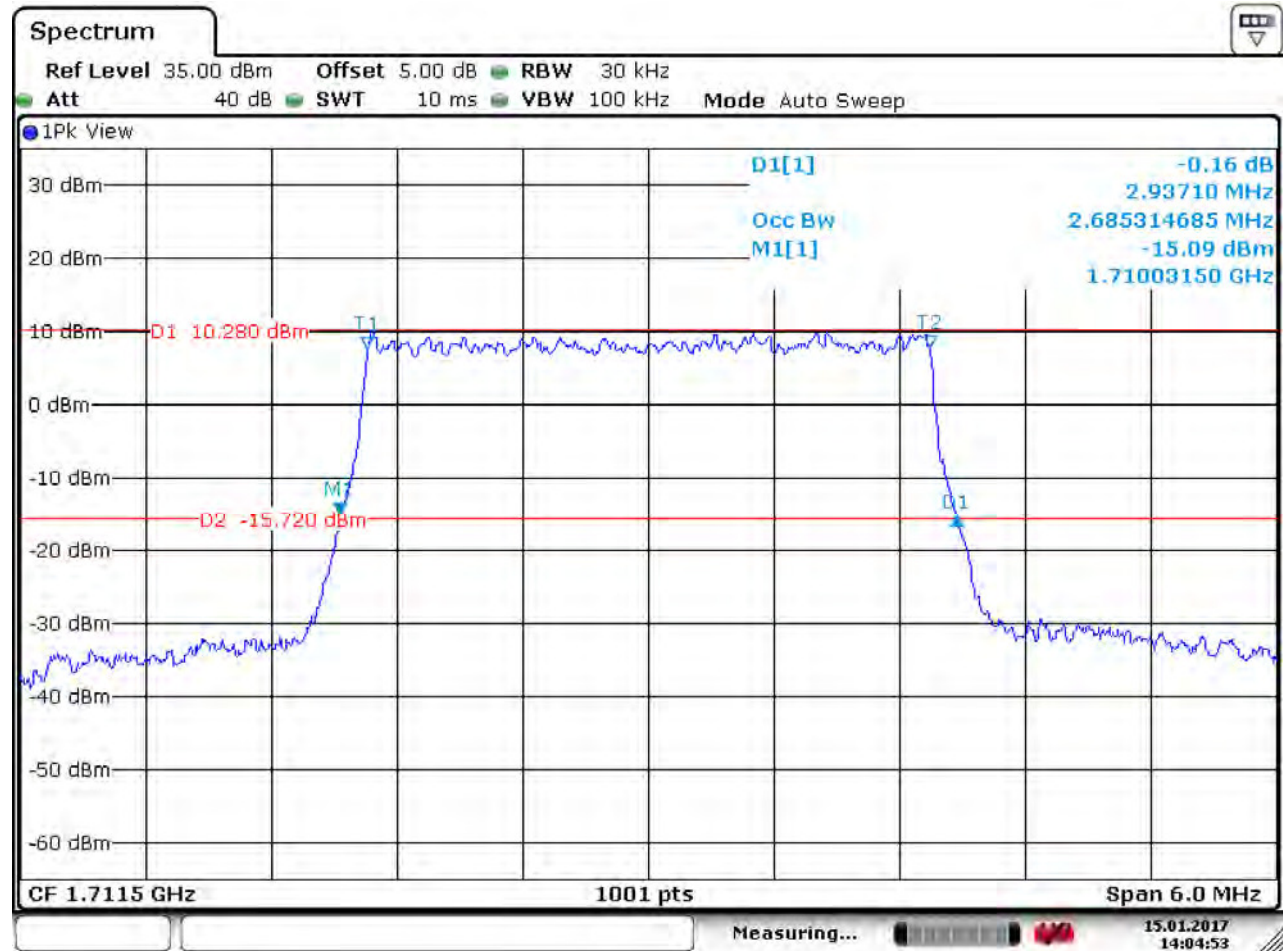
#### 4.1.1.5.3 Test Channel = HCH



Date: 12.JAN.2017 11:05:23

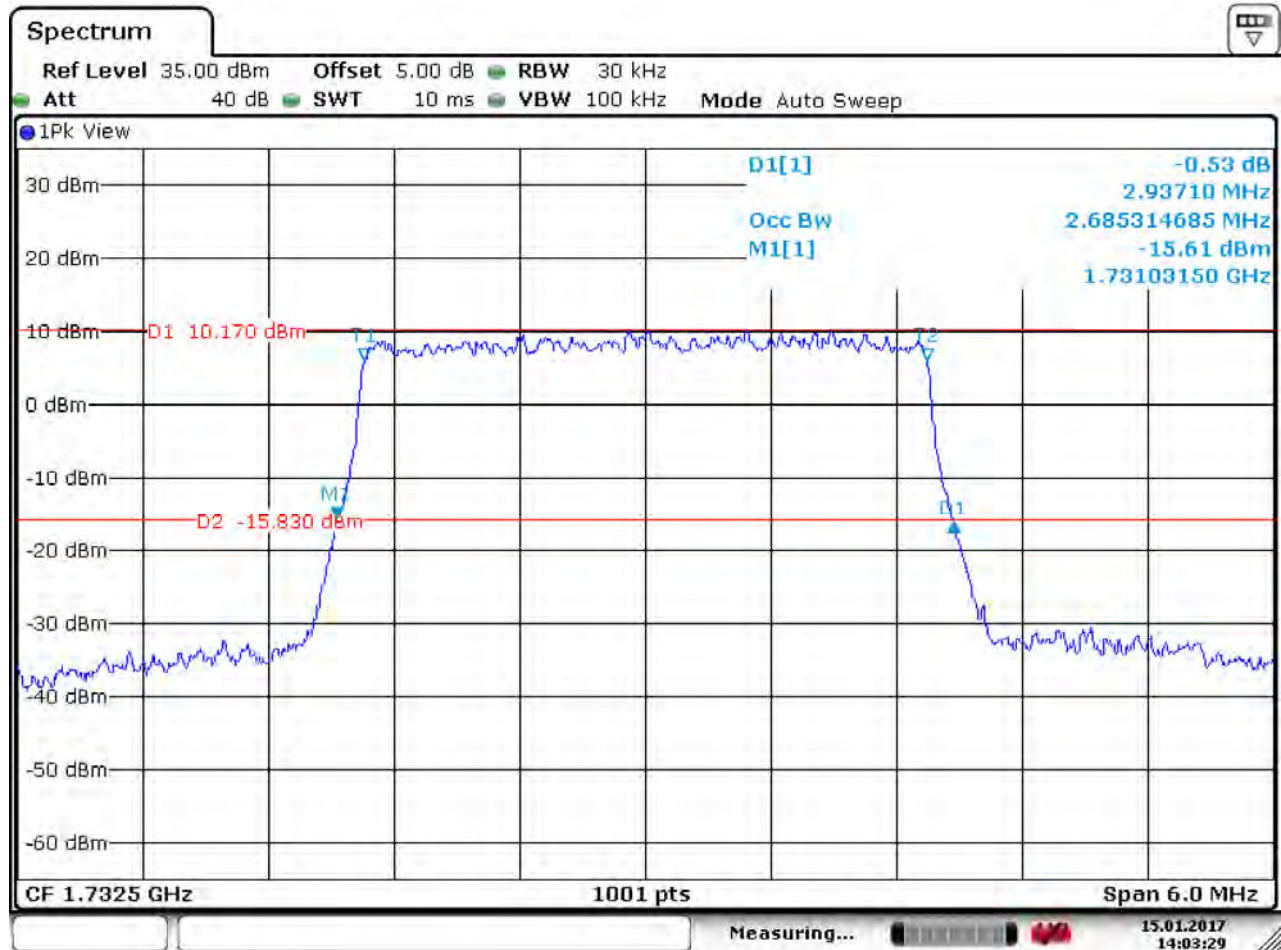
#### 4.1.1.6 Test Mode = LTE/TM3 3MHz

##### 4.1.1.6.1 Test Channel = LCH



Date: 15.JAN.2017 14:04:53

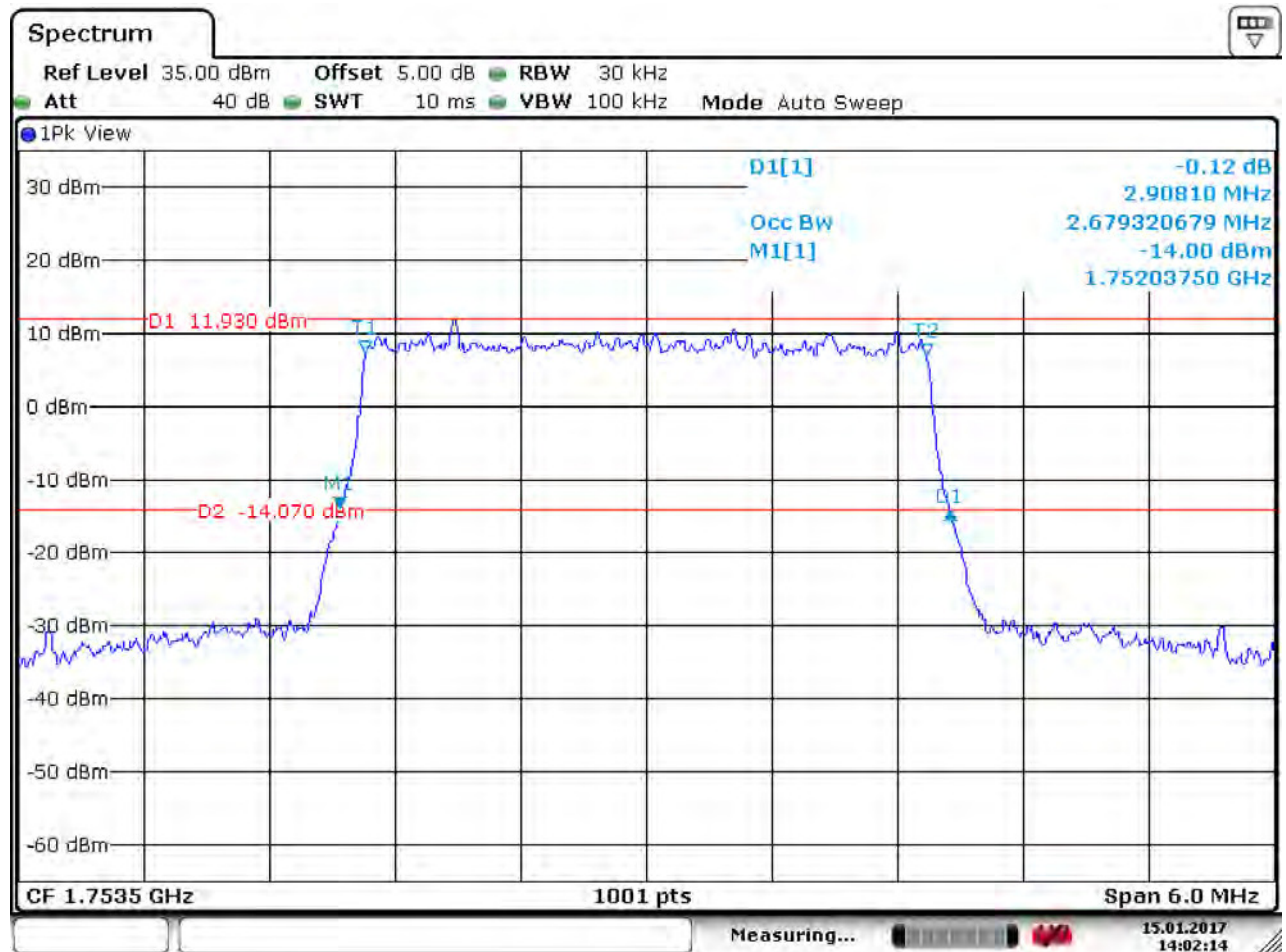
#### 4.1.1.6.2 Test Channel =MCH



Date: 15.JAN.2017 14:03:29



4.1.1.6.3 Test Channel = HCH



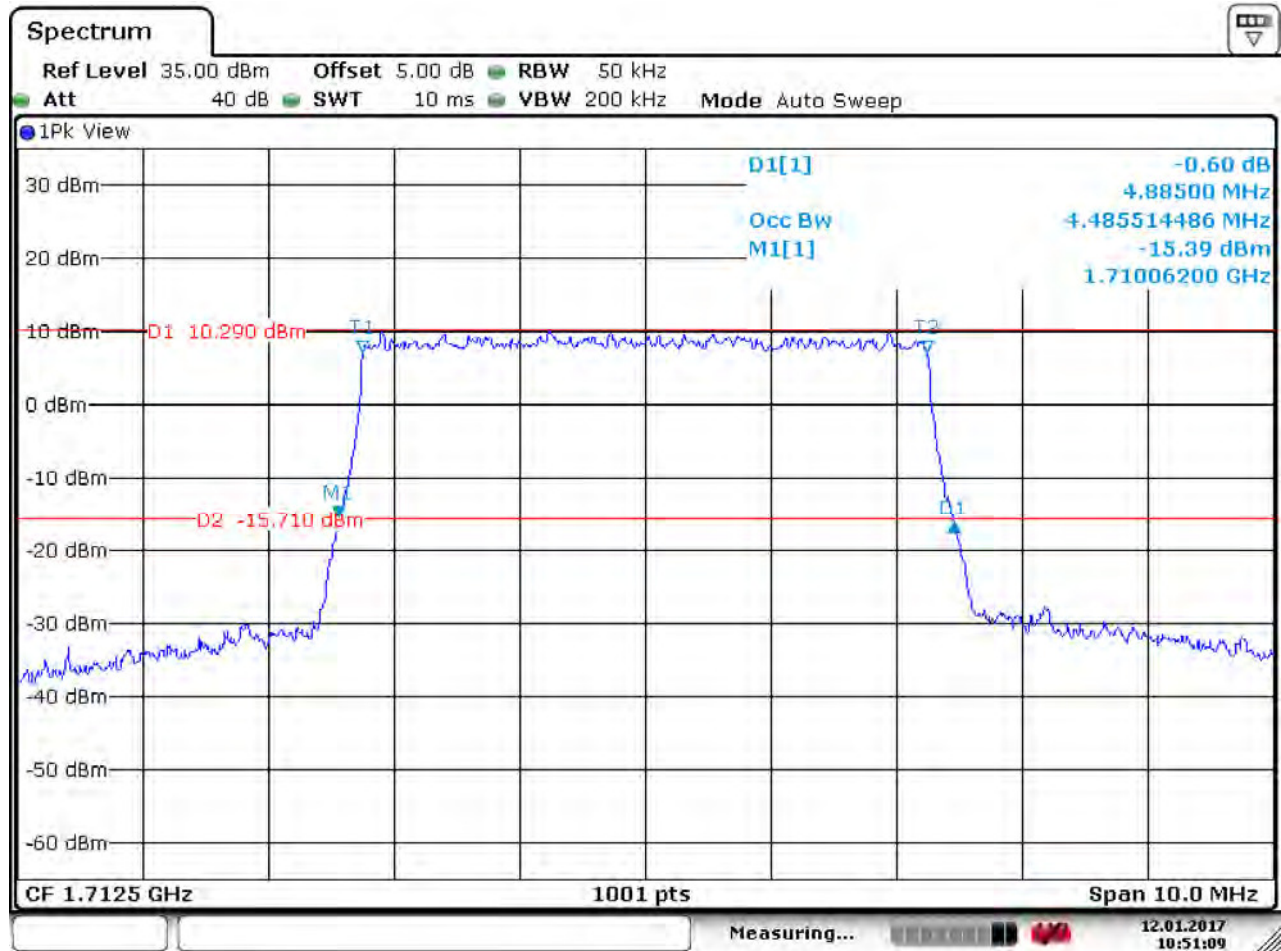
Date: 15.JAN.2017 14:02:14





4.1.1.7 Test Mode = LTE/TM1 5MHz

4.1.1.7.1 Test Channel = LCH

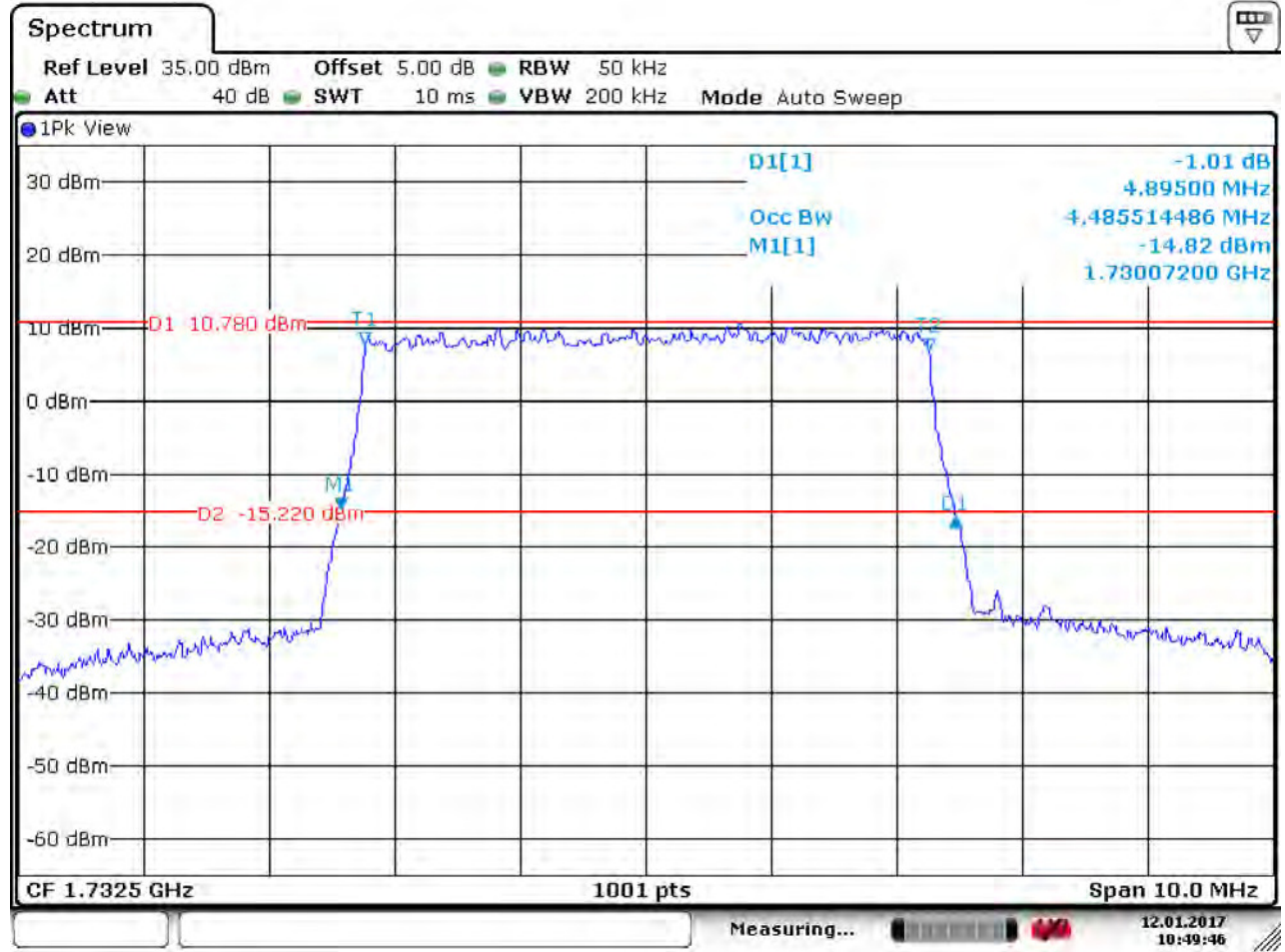


Date: 12.JAN.2017 10:51:09



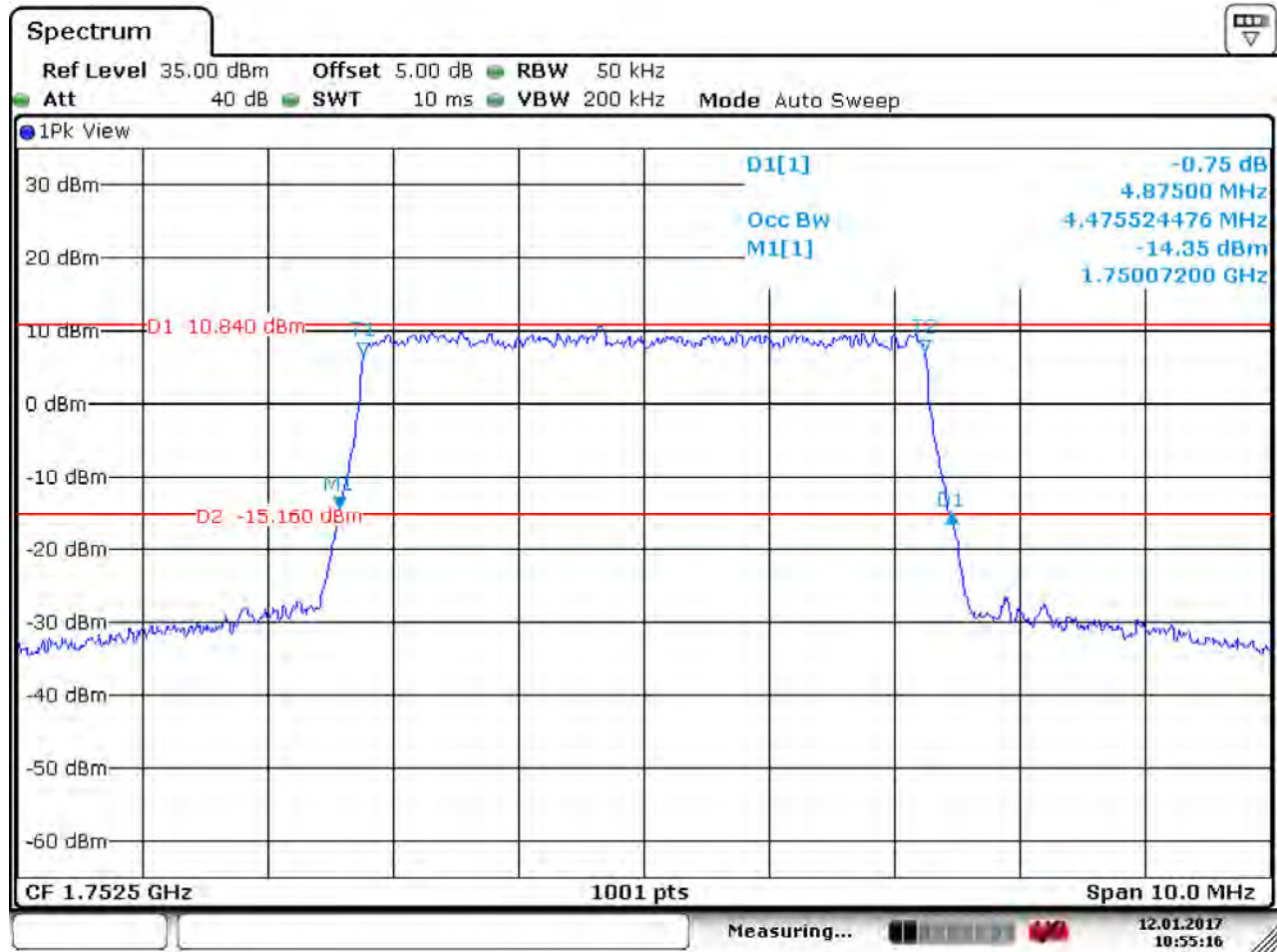


4.1.1.7.2 Test Channel = MCH



Date: 12.JAN.2017 10:49:47

#### 4.1.1.7.3 Test Channel = HCH

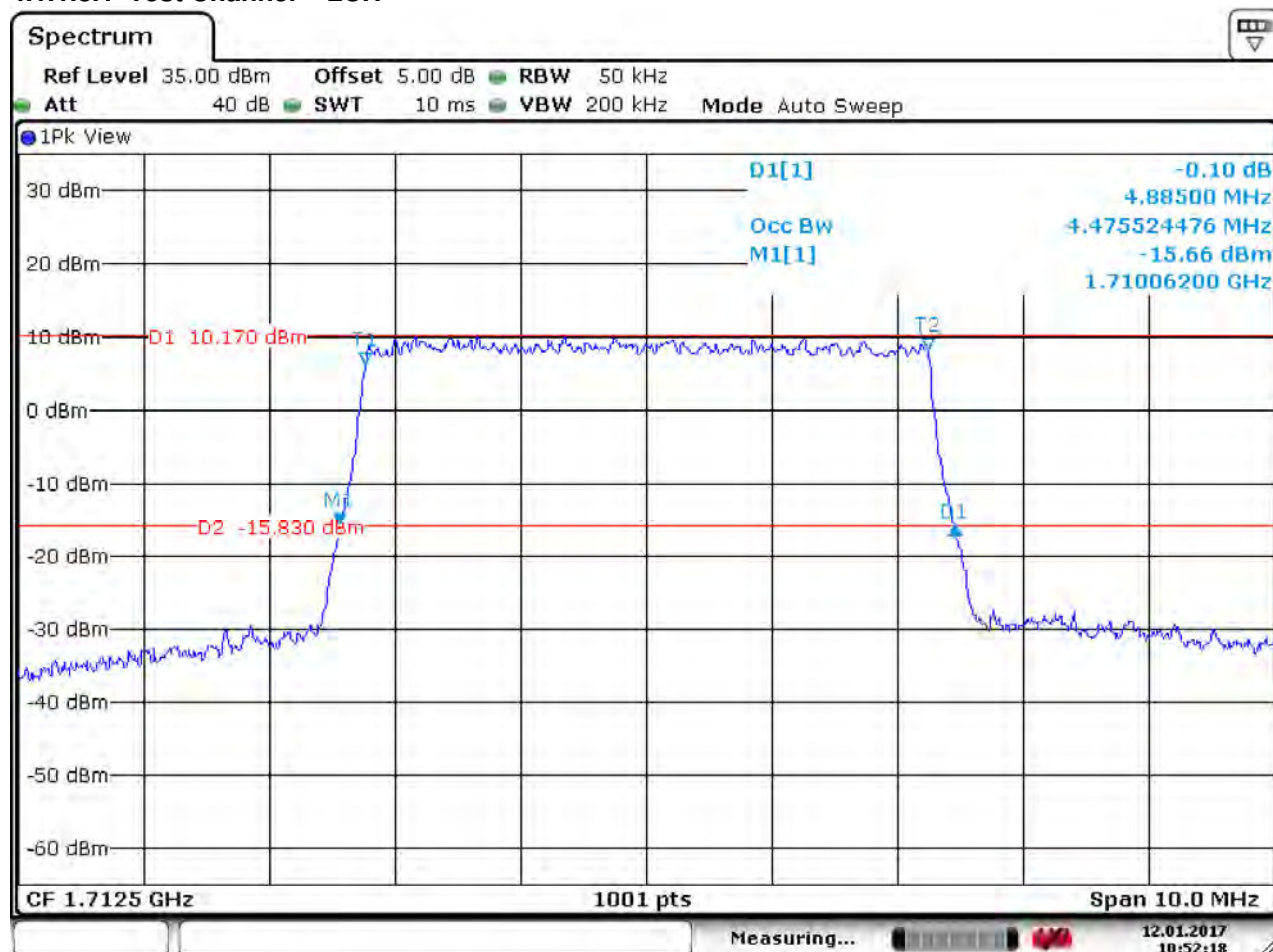


Date: 12.JAN.2017 10:55:16

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

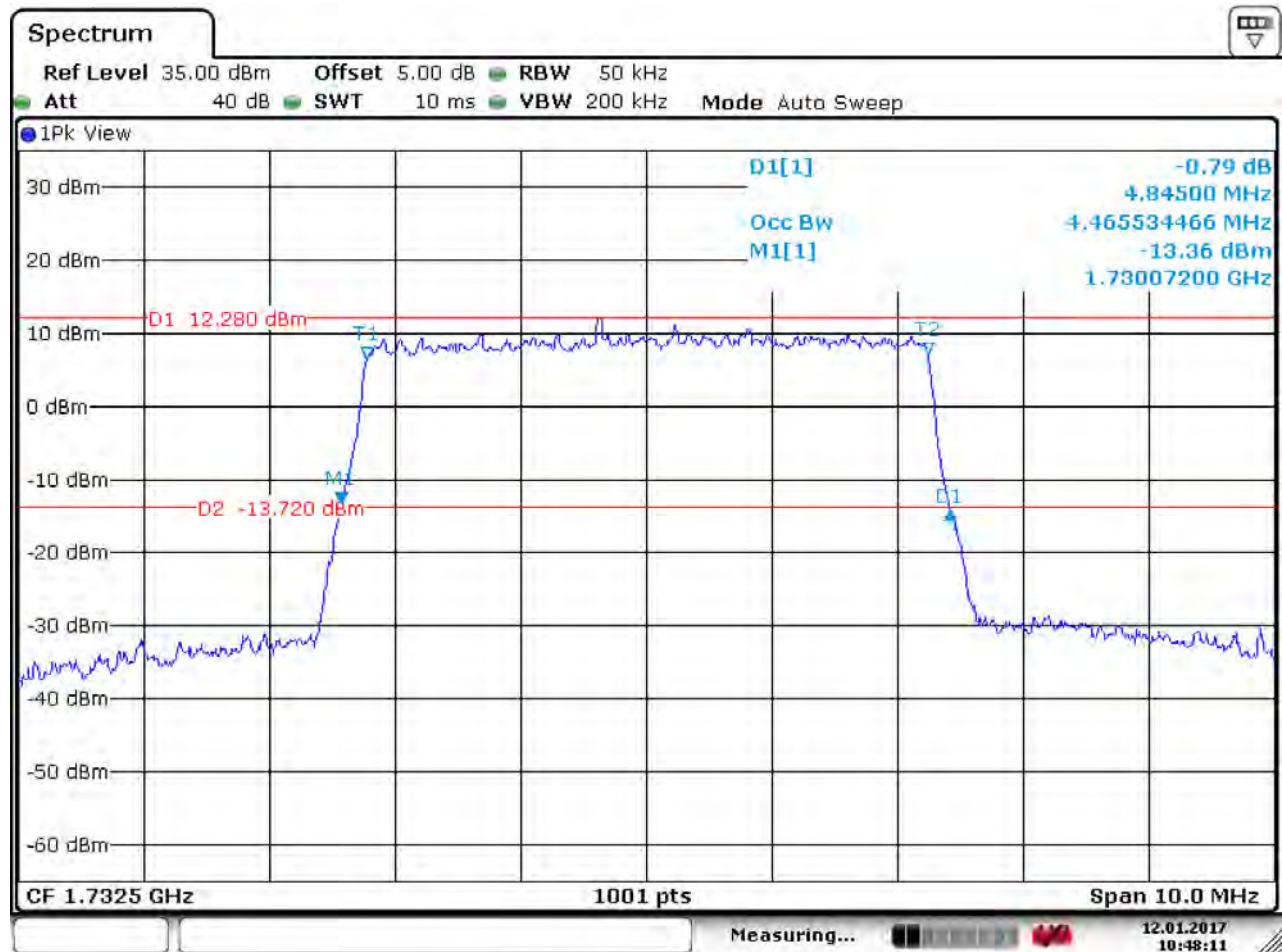
##### 4.1.1.8.1 Test Channel = LCH



Date: 12.JAN.2017 10:52:19



4.1.1.8.2 Test Channel = MCH

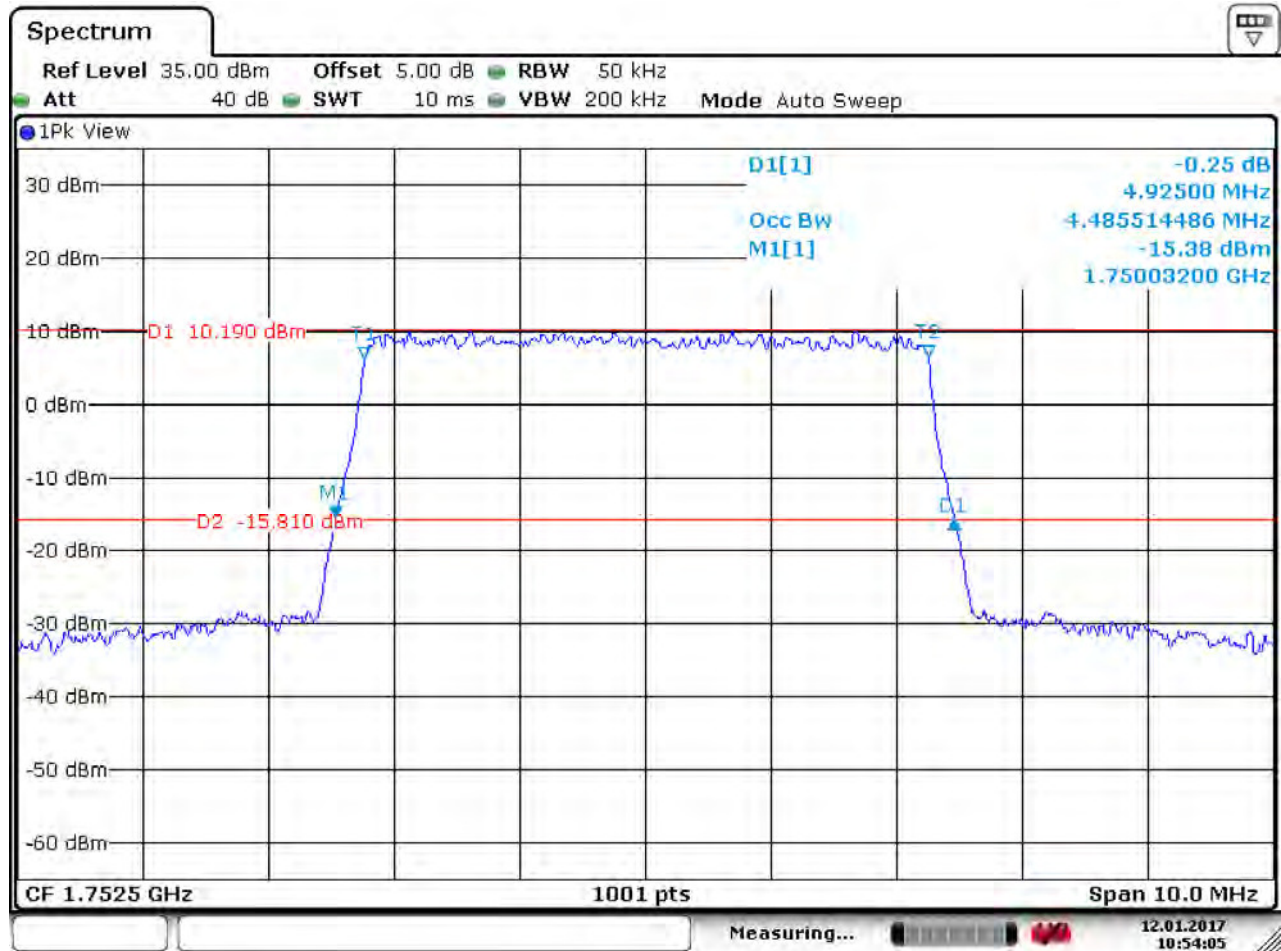


Date: 12.JAN.2017 10:48:11





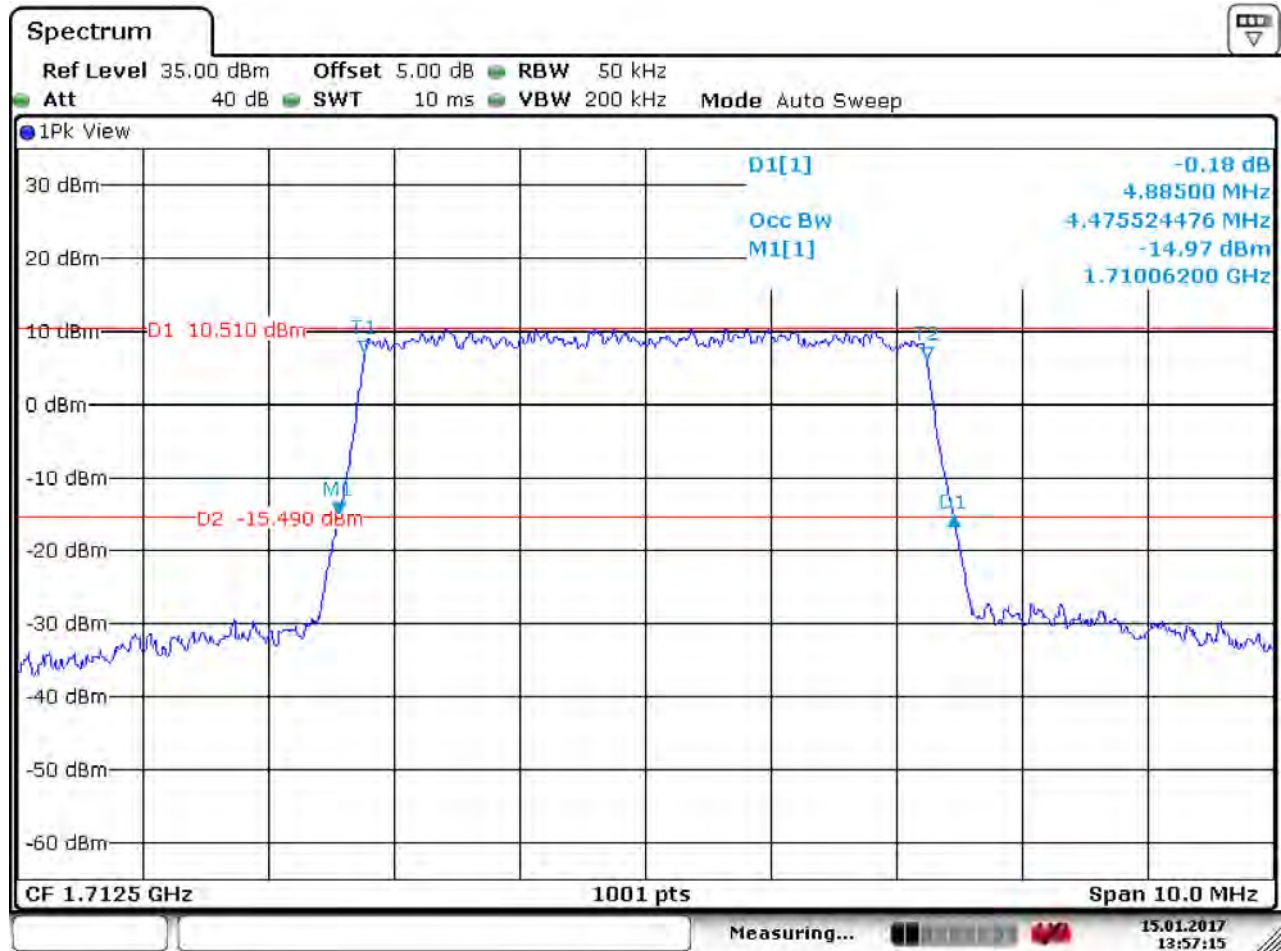
4.1.1.8.3 Test Channel = HCH



Date: 12.JAN.2017 10:54:05

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

#### 4.1.1.9.1 Test Channel = LCH

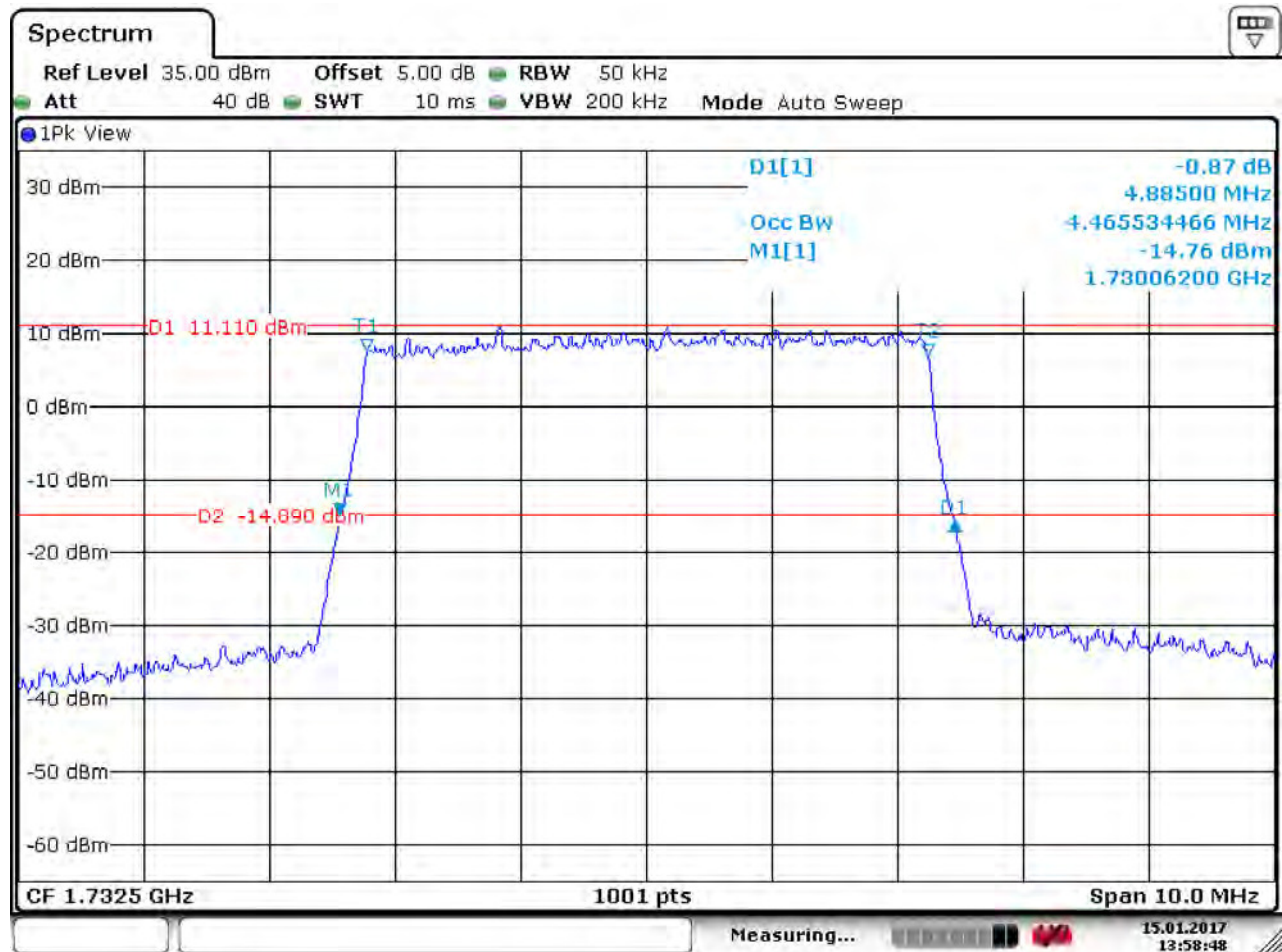


Date: 15.JAN.2017 13:57:15

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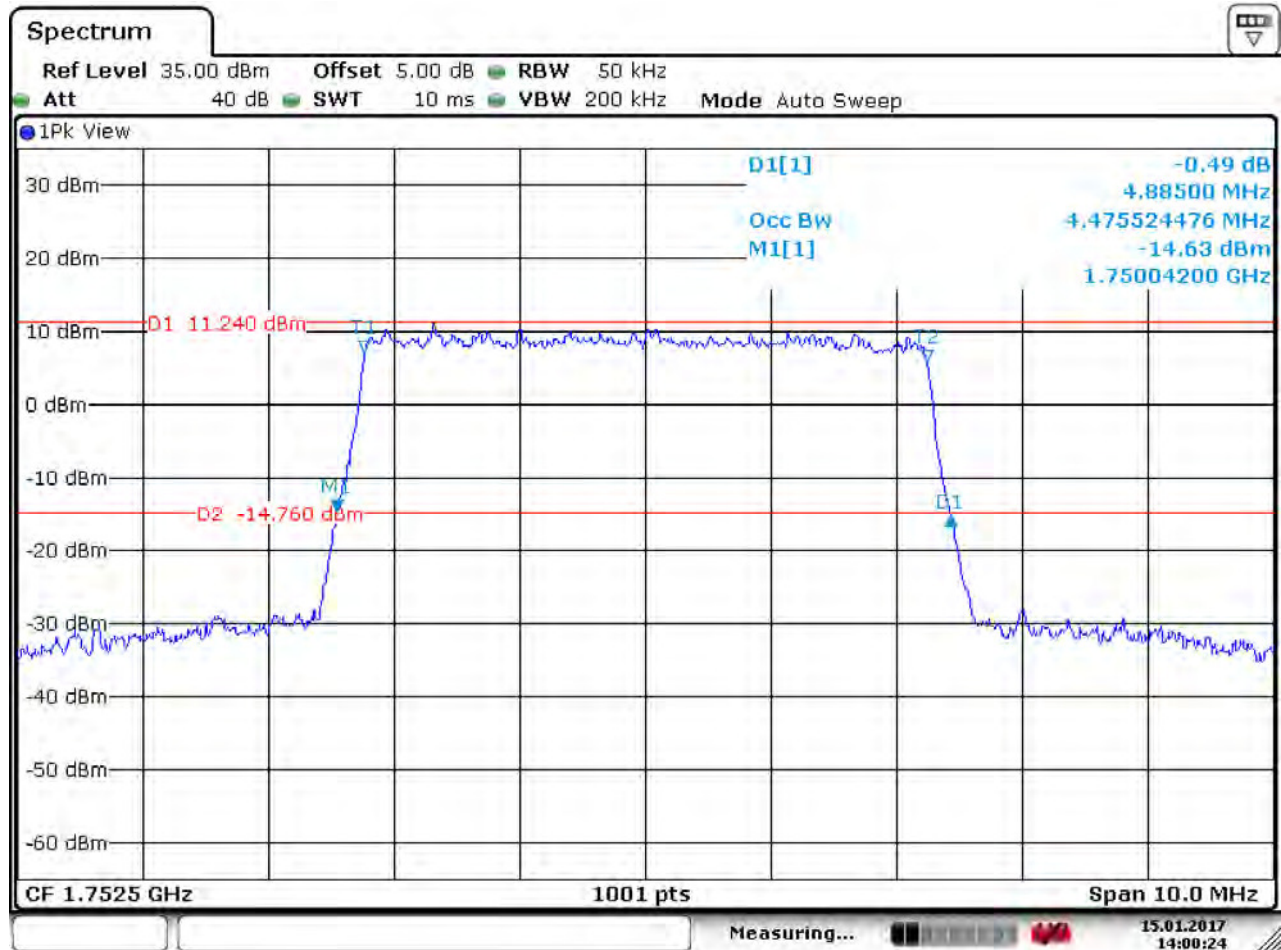
4.1.1.9.2 Test Channel = MCH



Date: 15.JAN.2017 13:58:48



4.1.1.9.3 Test Channel = HCH



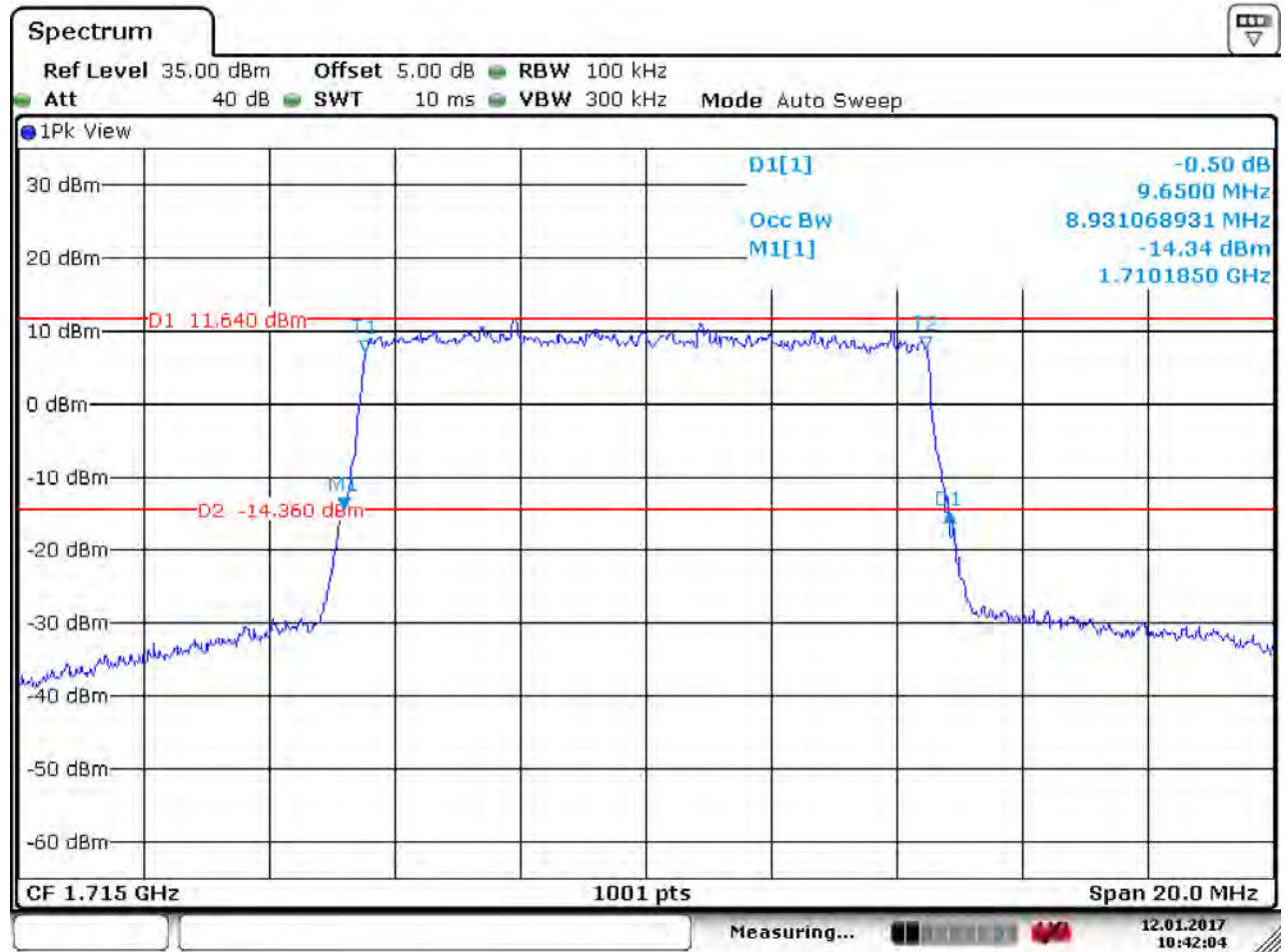
Date: 15.JAN.2017 14:00:25





4.1.1.10 Test Mode = LTE/TM1 10MHz

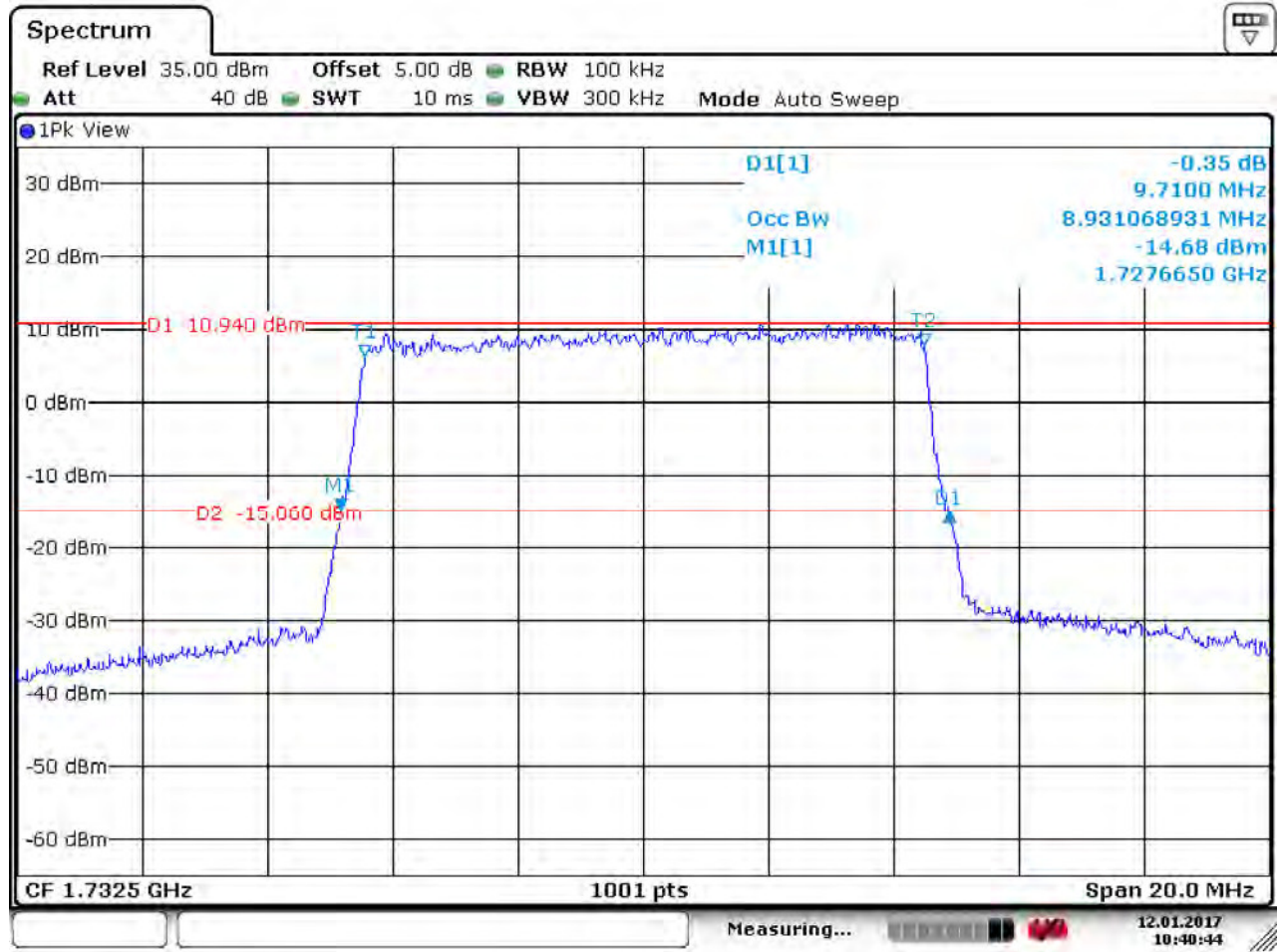
4.1.1.10.1 Test Channel = LCH



Date: 12.JAN.2017 10:42:04



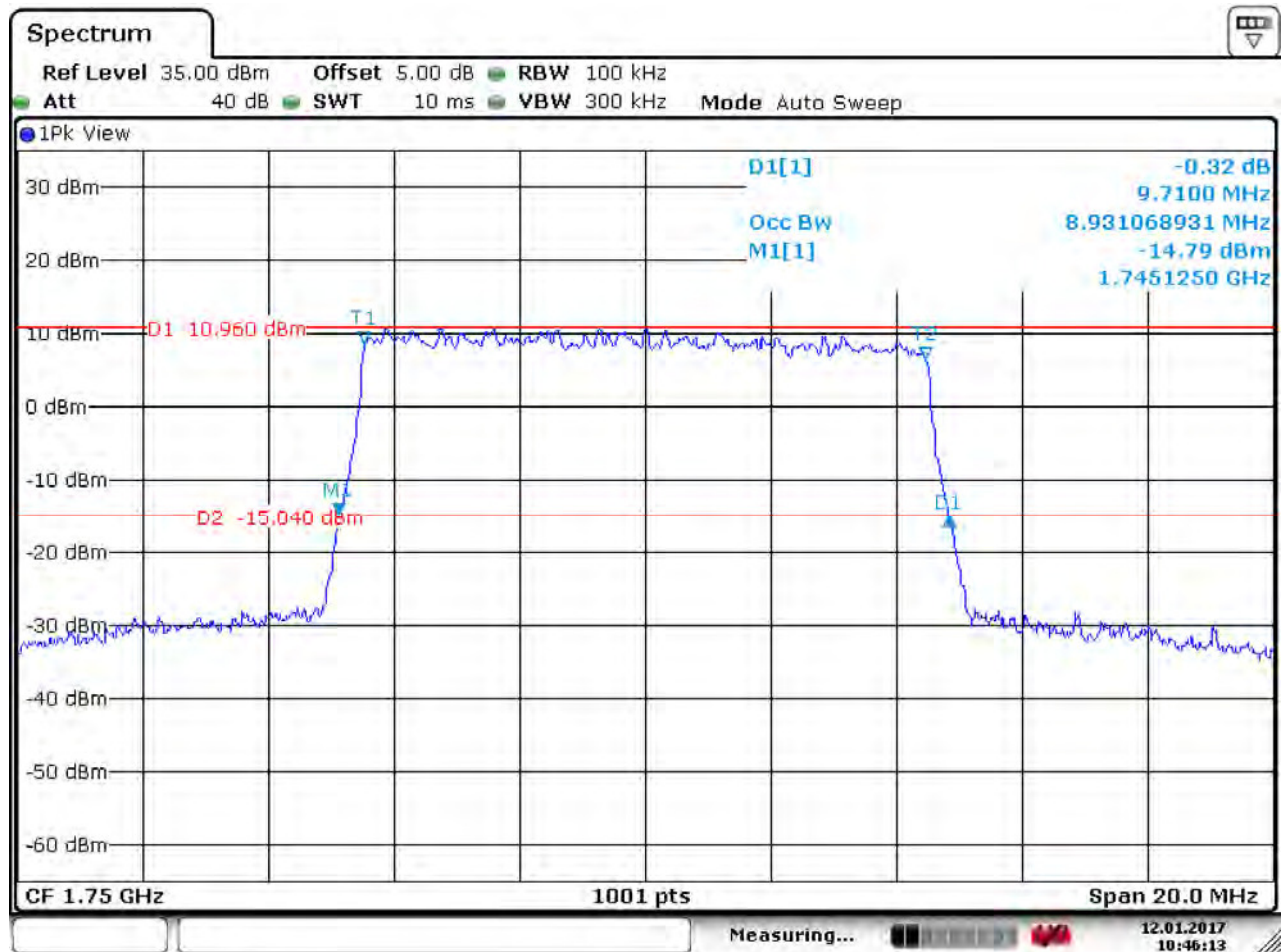
4.1.1.10.2 Test Channel = MCH



Date: 12.JAN.2017 10:40:44



4.1.1.10.3 Test Channel = HCH

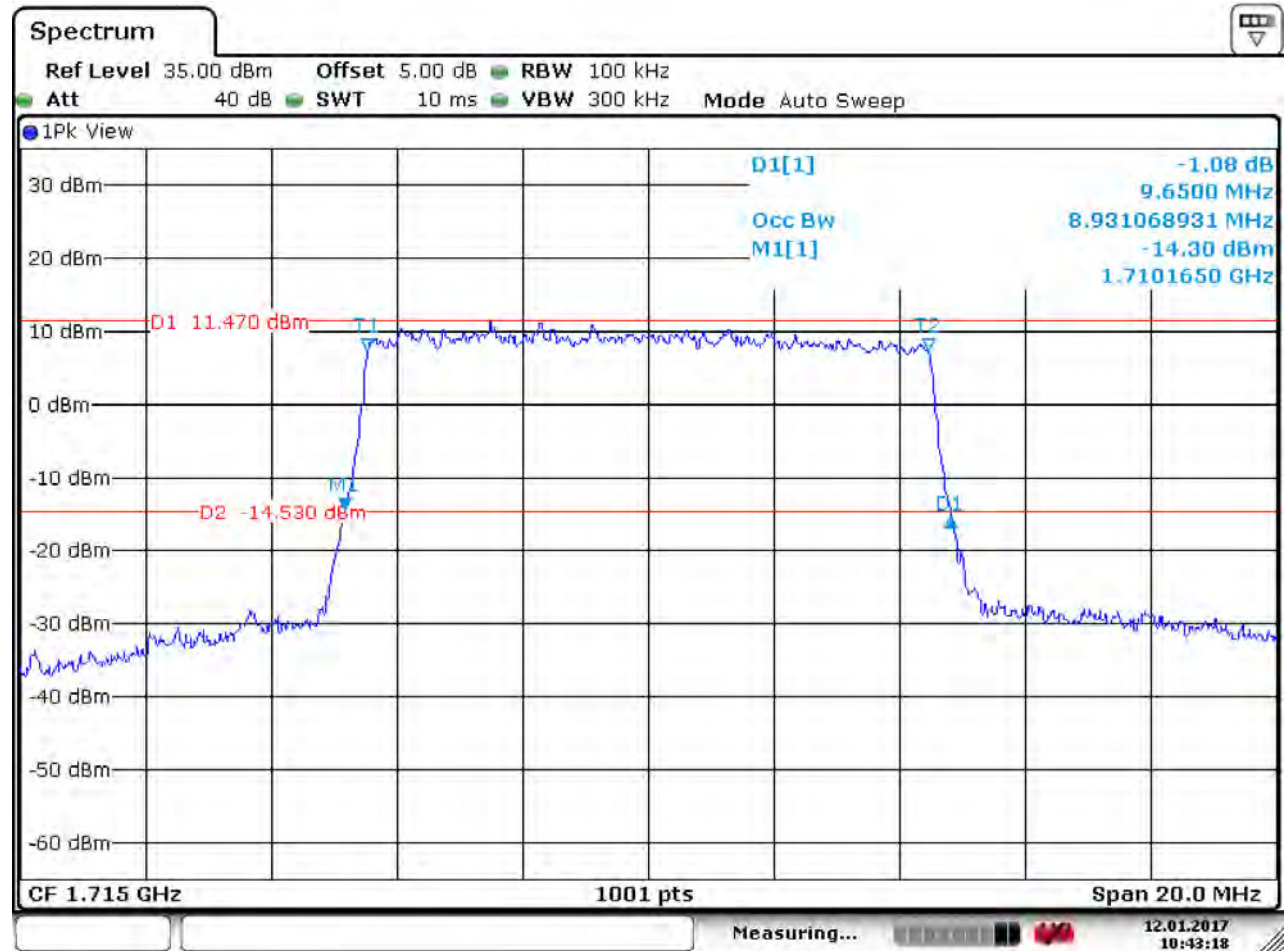


Date: 12.JAN.2017 10:46:13



4.1.1.11 Test Mode = LTE/TM2 10MHz

4.1.1.11.1 Test Channel = LCH

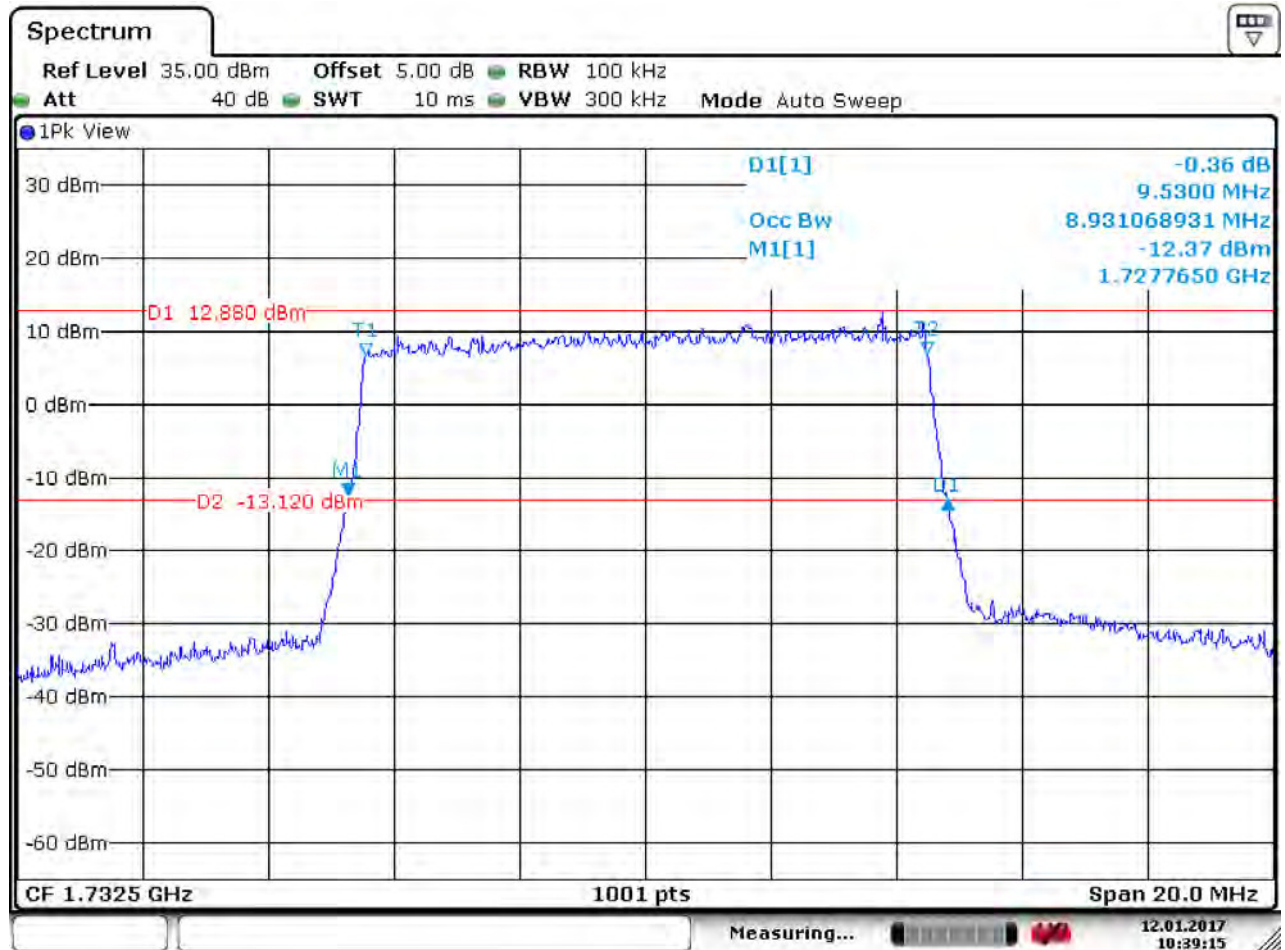


Date: 12.JAN.2017 10:43:18





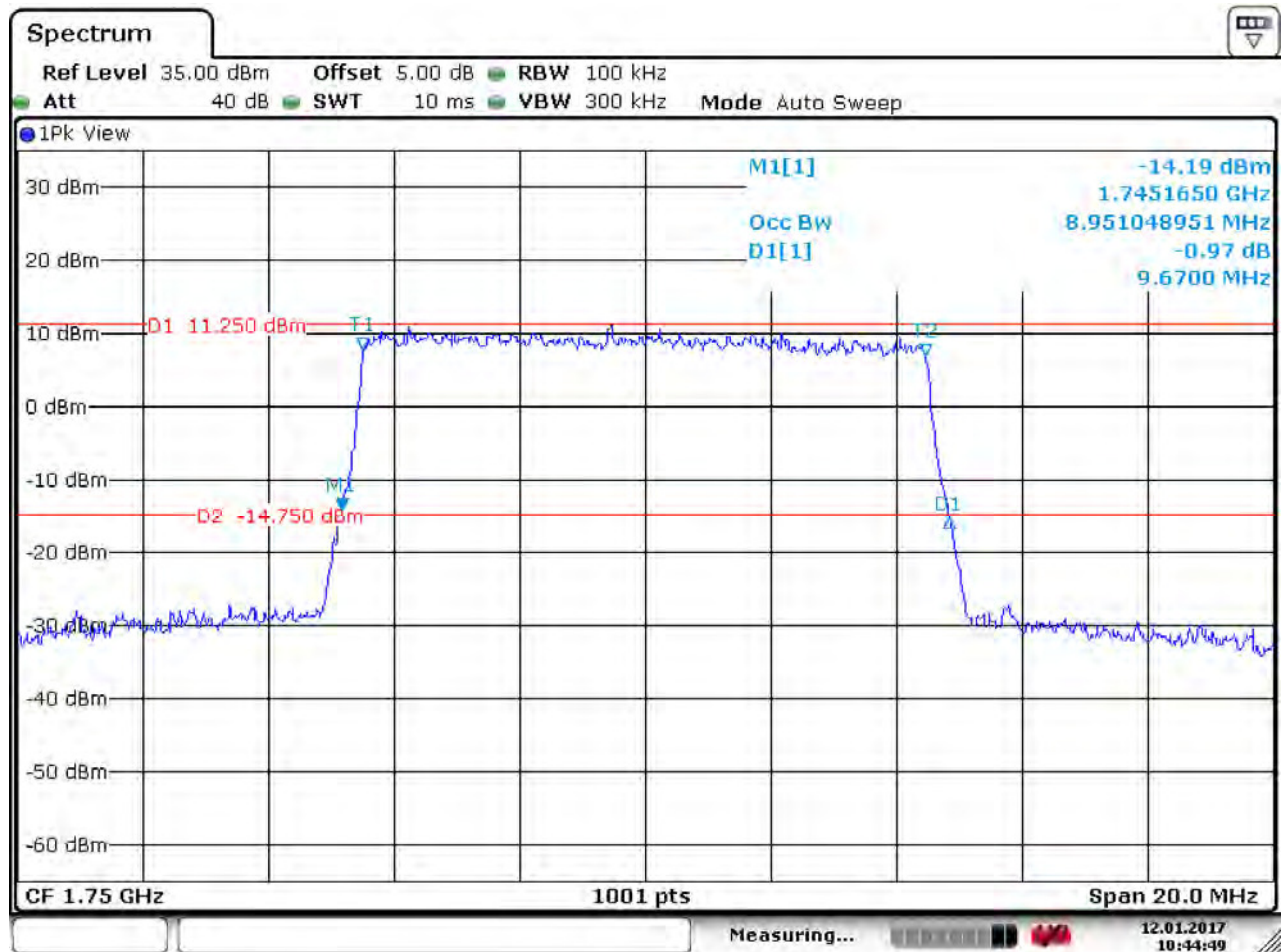
4.1.1.11.2 Test Channel = MCH



Date: 12.JAN.2017 10:39:16



4.1.1.11.3 Test Channel = HCH

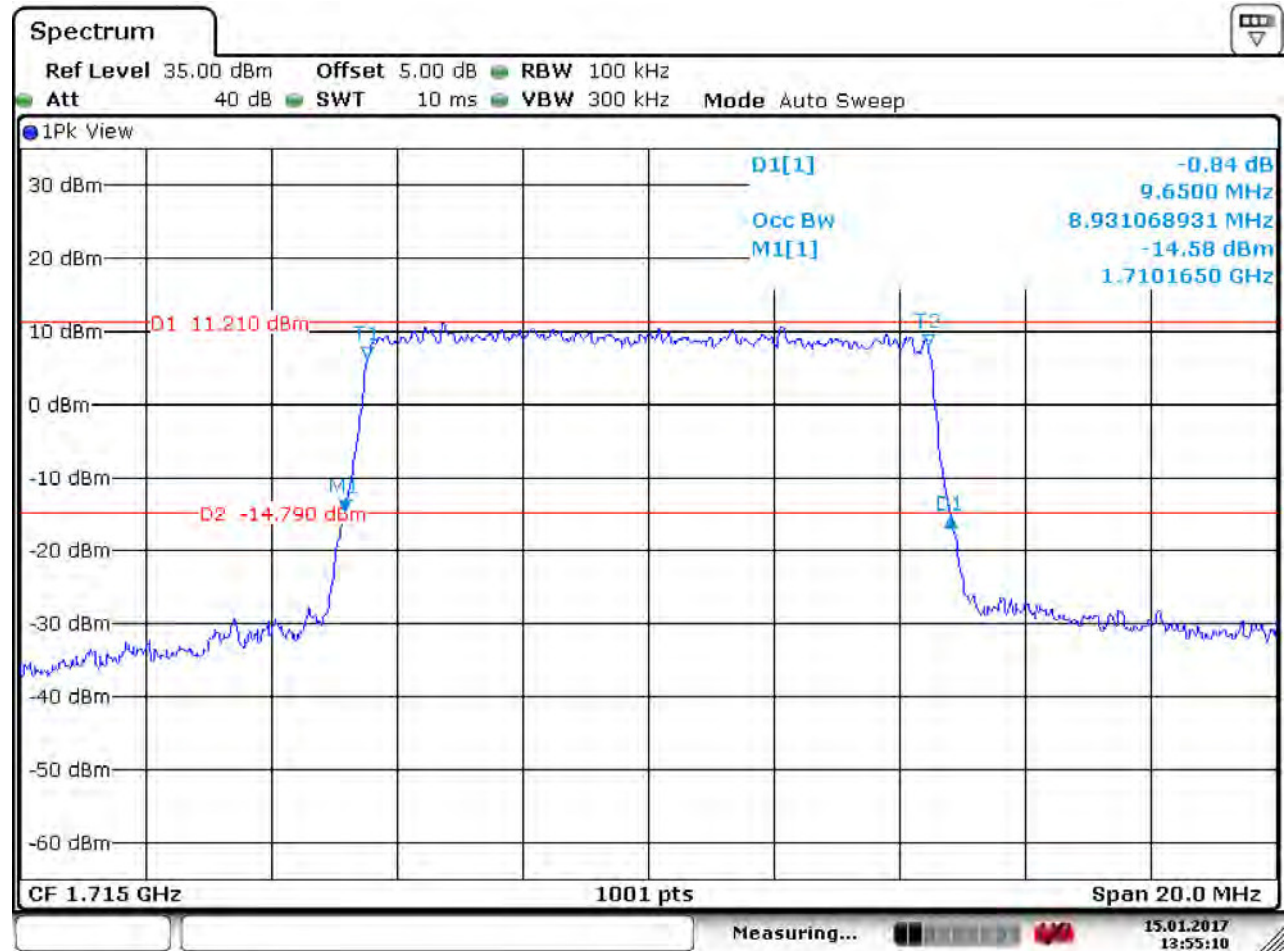


Date: 12.JAN.2017 10:44:50



4.1.1.12 Test Mode = LTE/TM3 10MHz

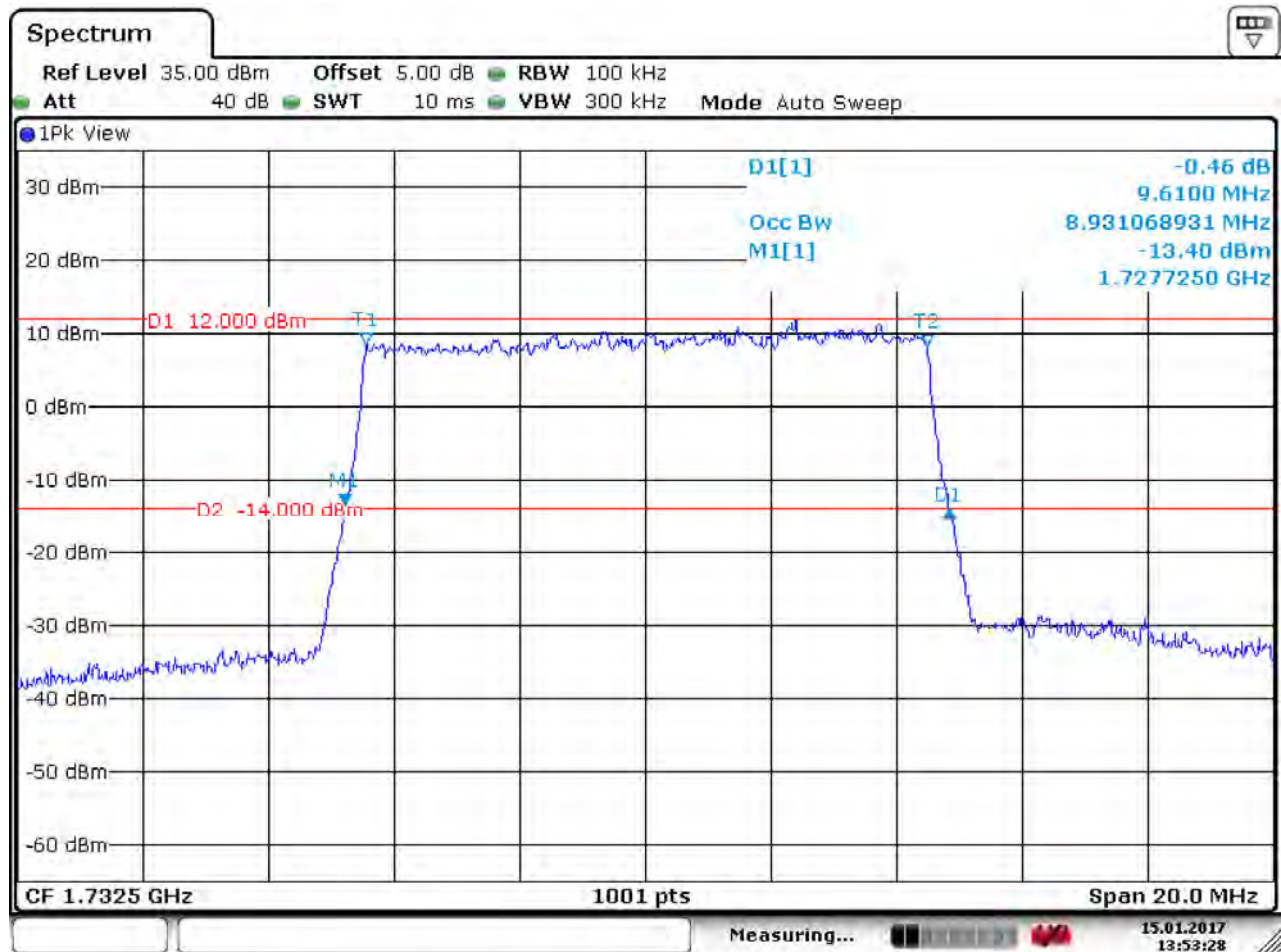
4.1.1.12.1 Test Channel = LCH



Date: 15.JAN.2017 13:55:10



4.1.1.12.2 Test Channel = MCH

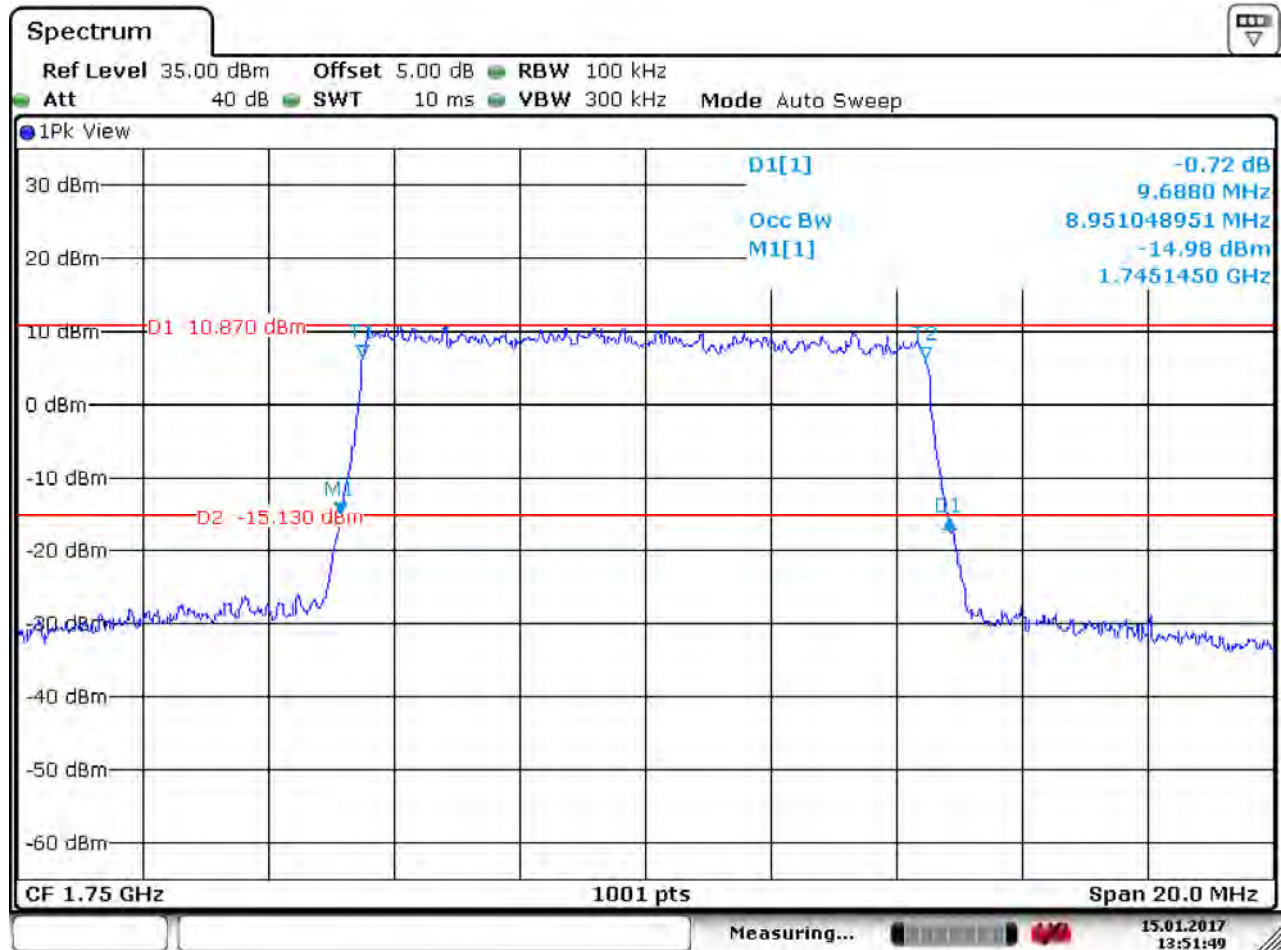


Date: 15.JAN.2017 13:53:29





4.1.1.12.3 Test Channel = HCH

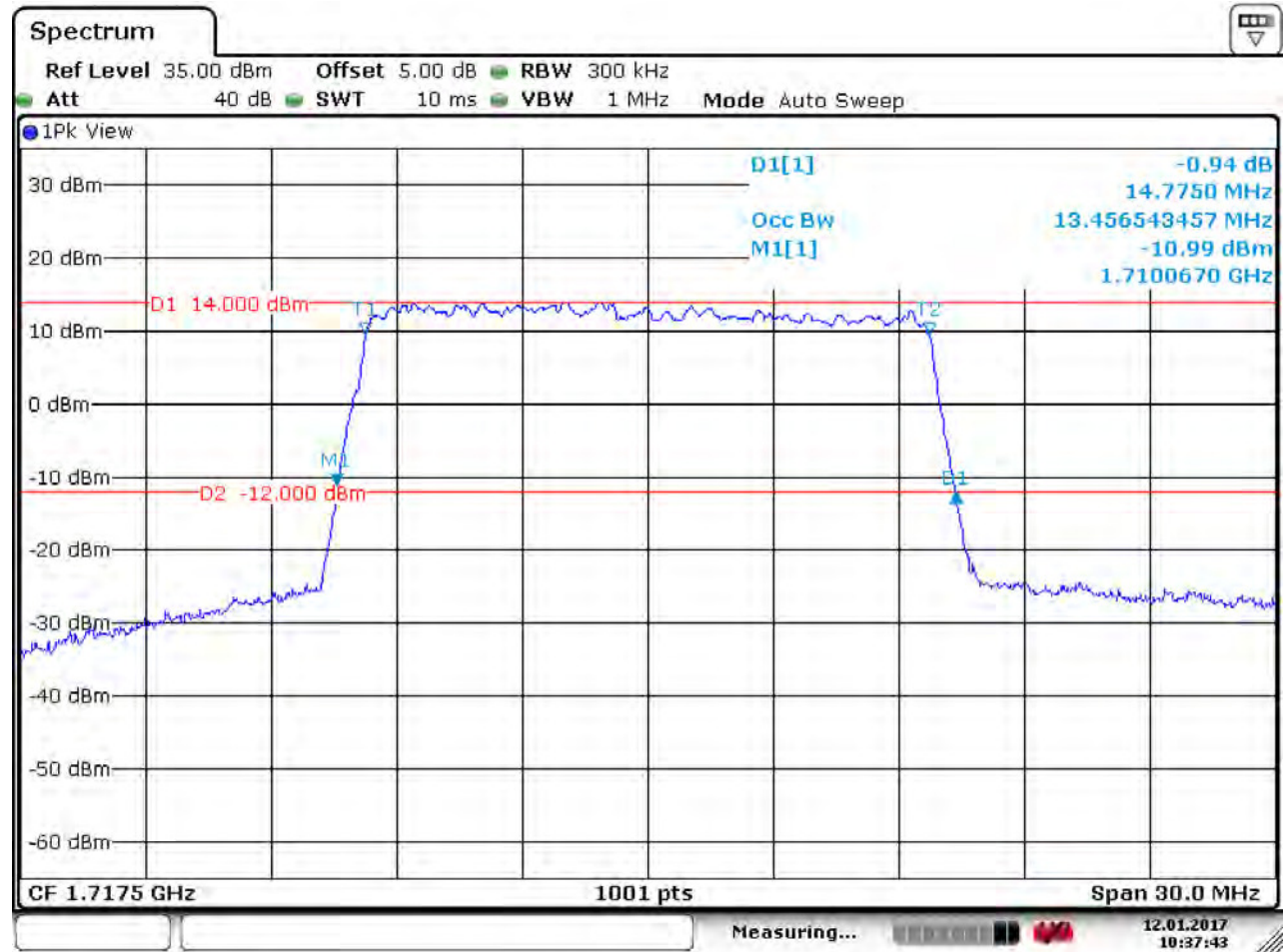


Date: 15.JAN.2017 13:51:50



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

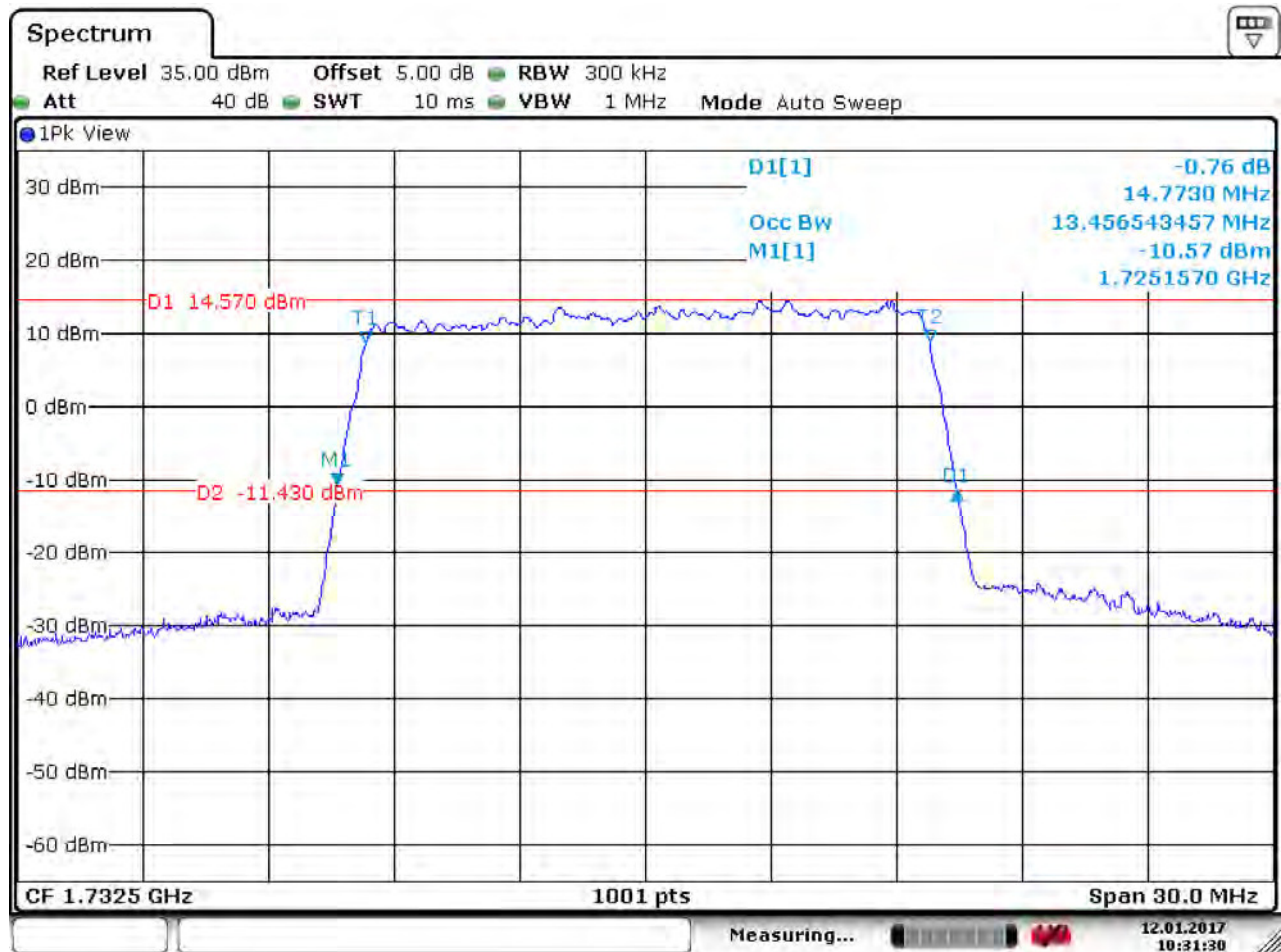
##### 4.1.1.13.1 Test Channel = LCH



Date: 12.JAN.2017 10:37:43

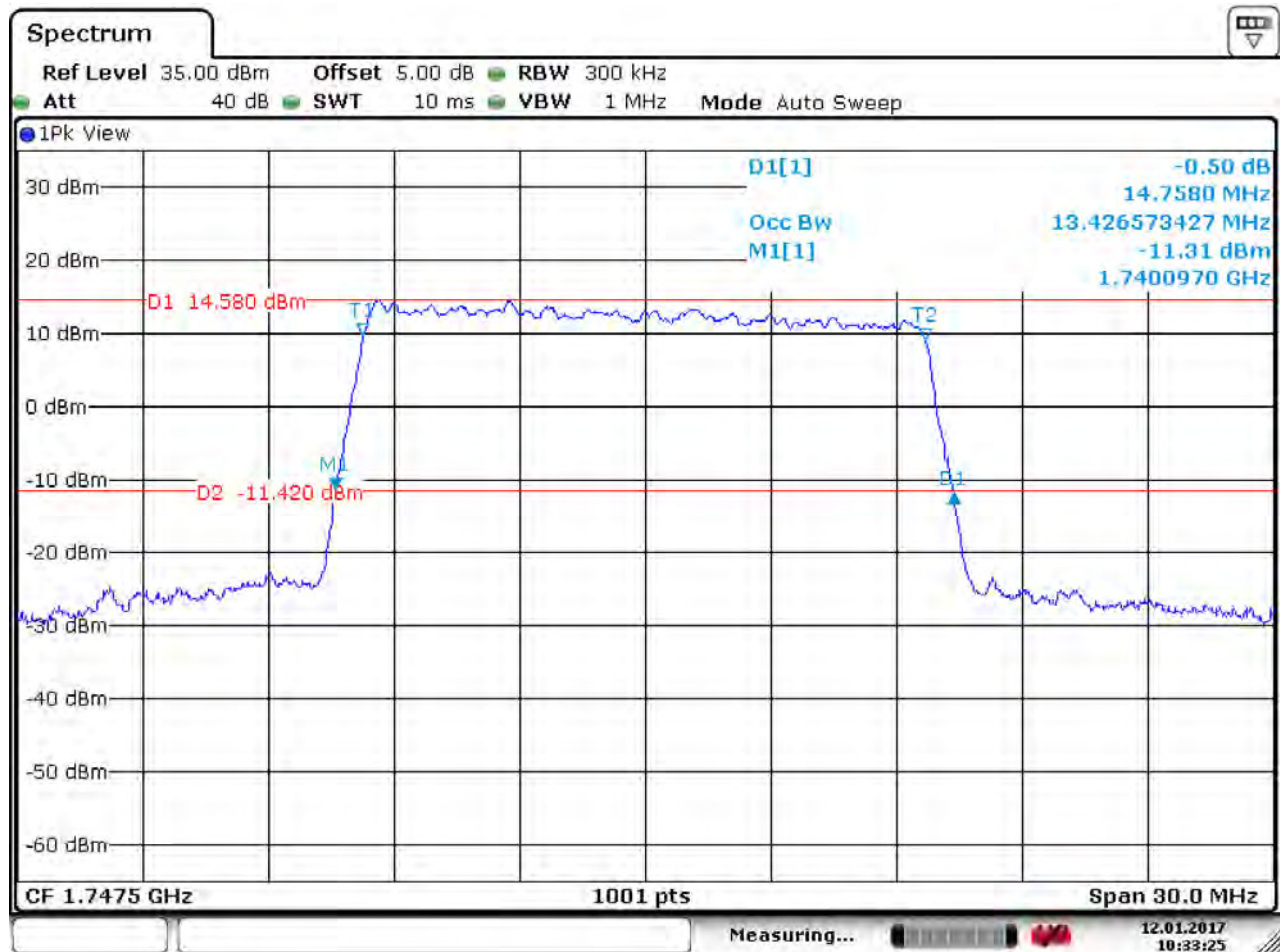


4.1.1.13.2 Test Channel = MCH



Date: 12.JAN.2017 10:31:31

#### 4.1.1.13.3 Test Channel = HCH



Date: 12.JAN.2017 10:33:25

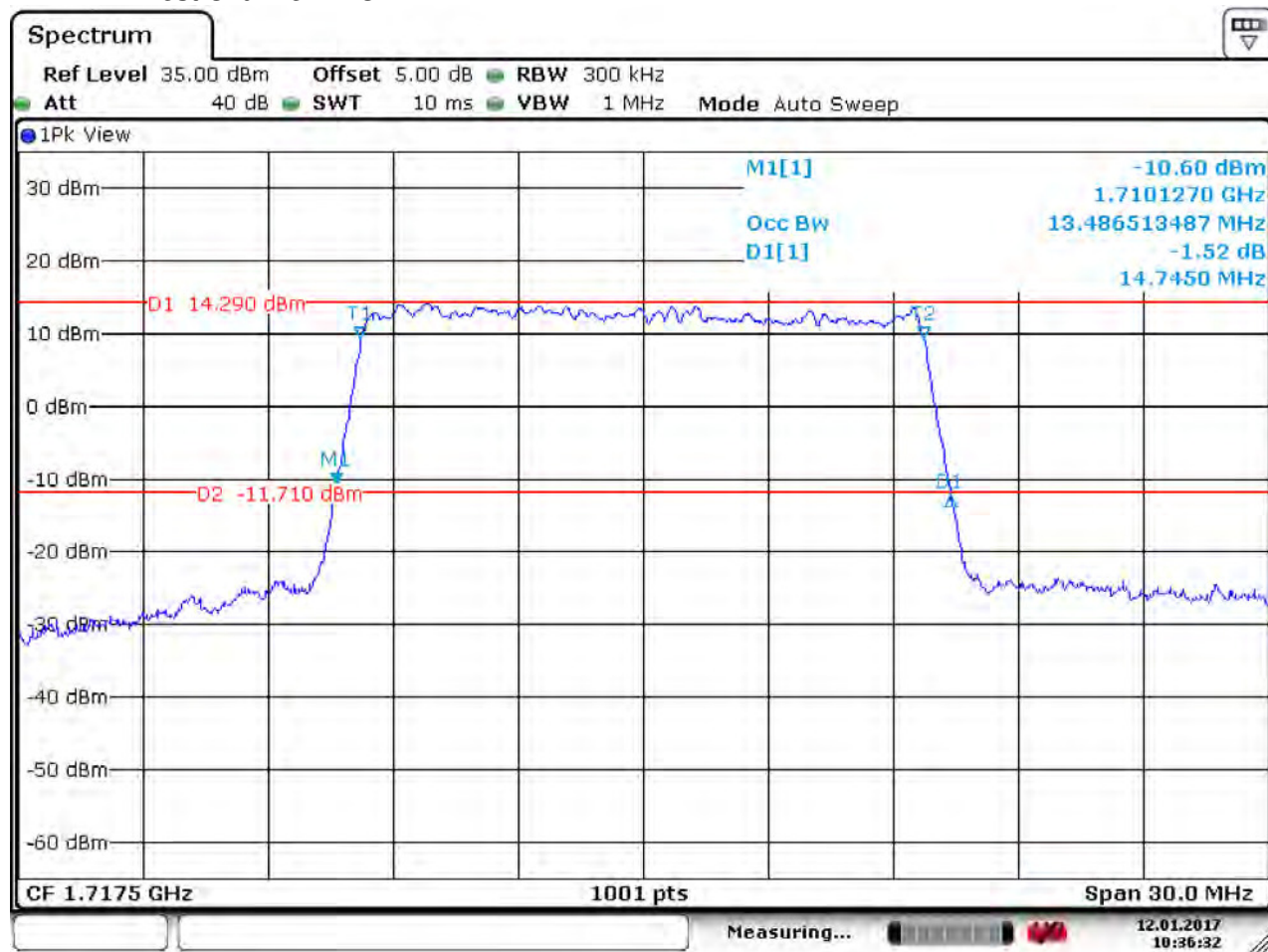
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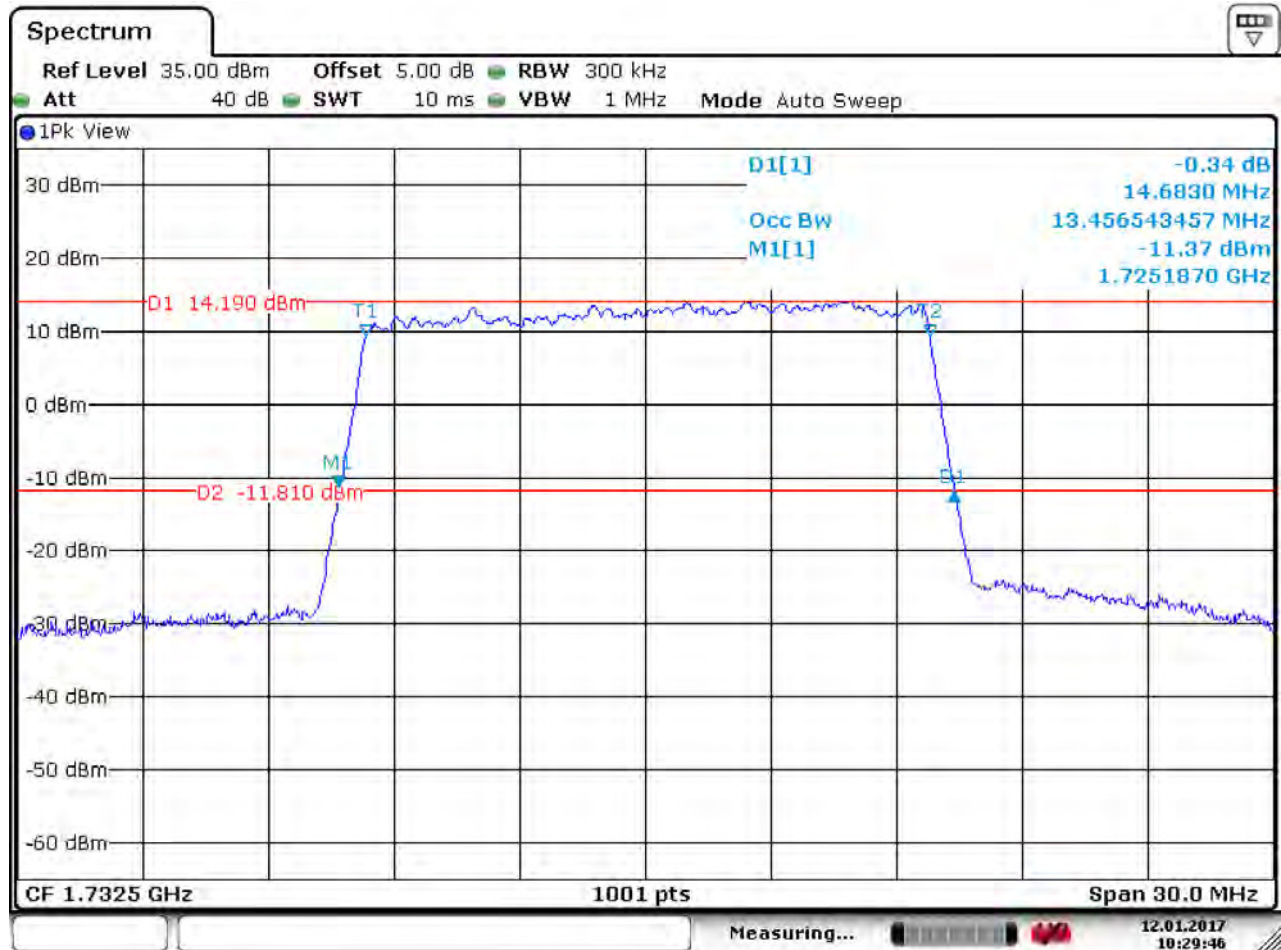
4.1.1.14 Test Mode = LTE/TM2 15MHz

4.1.1.14.1 Test Channel = LCH



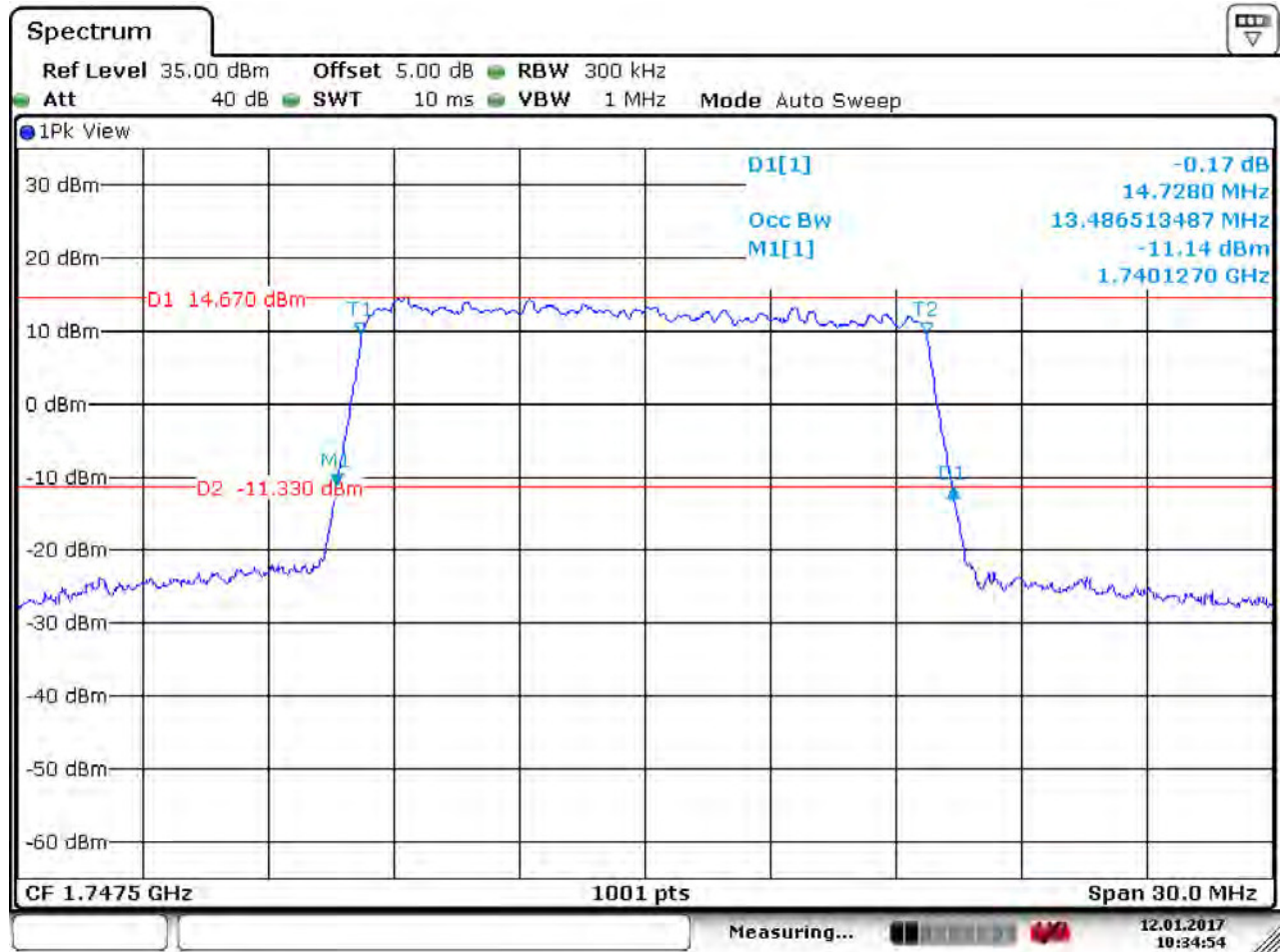
Date: 12.JAN.2017 10:36:32

#### 4.1.1.14.2 Test Channel = MCH



Date: 12.JAN.2017 10:29:47

#### 4.1.1.14.3 Test Channel = HCH

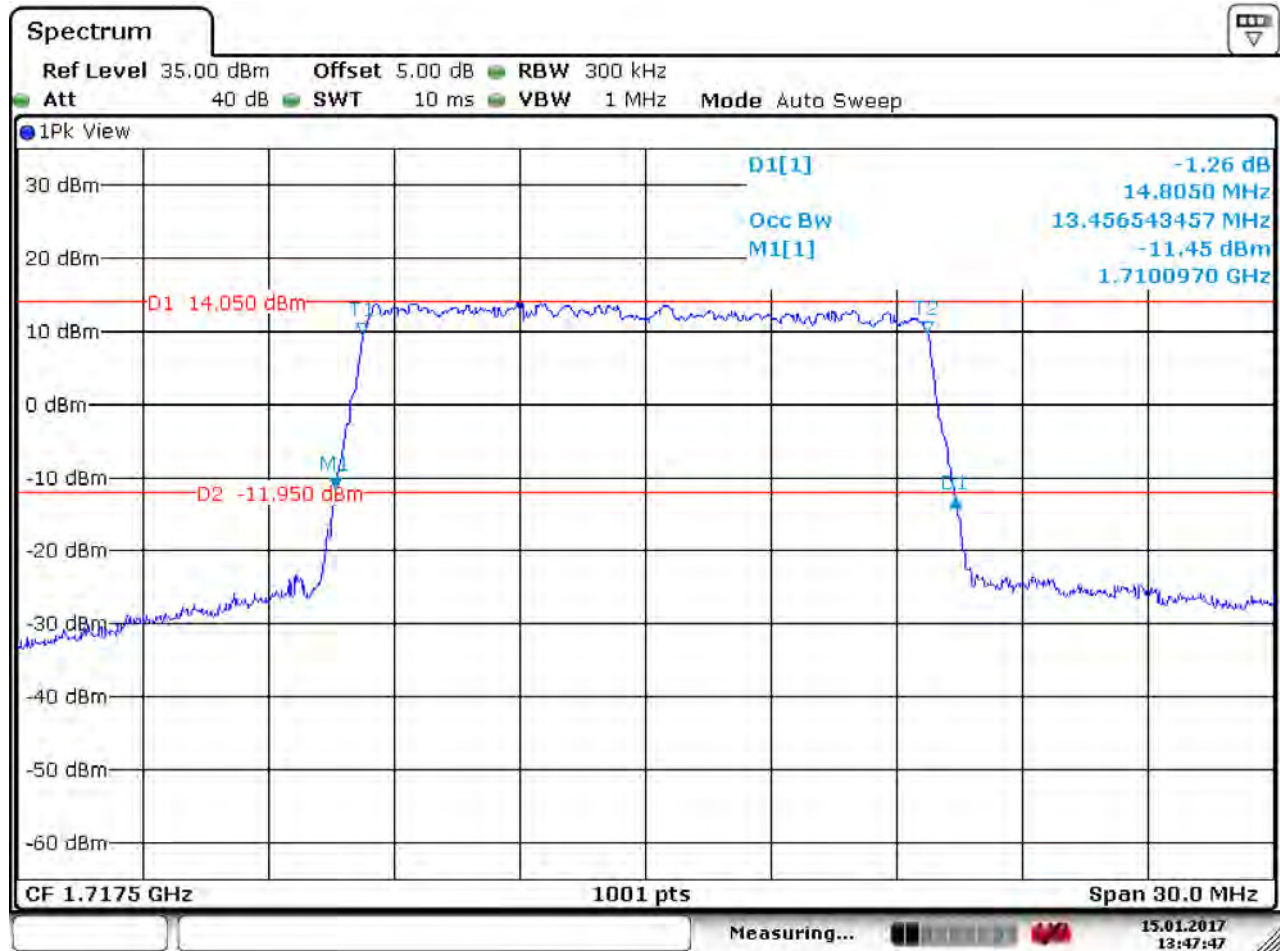


Date: 12.JAN.2017 10:34:55

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

#### 4.1.1.15.1 Test Channel = LCH

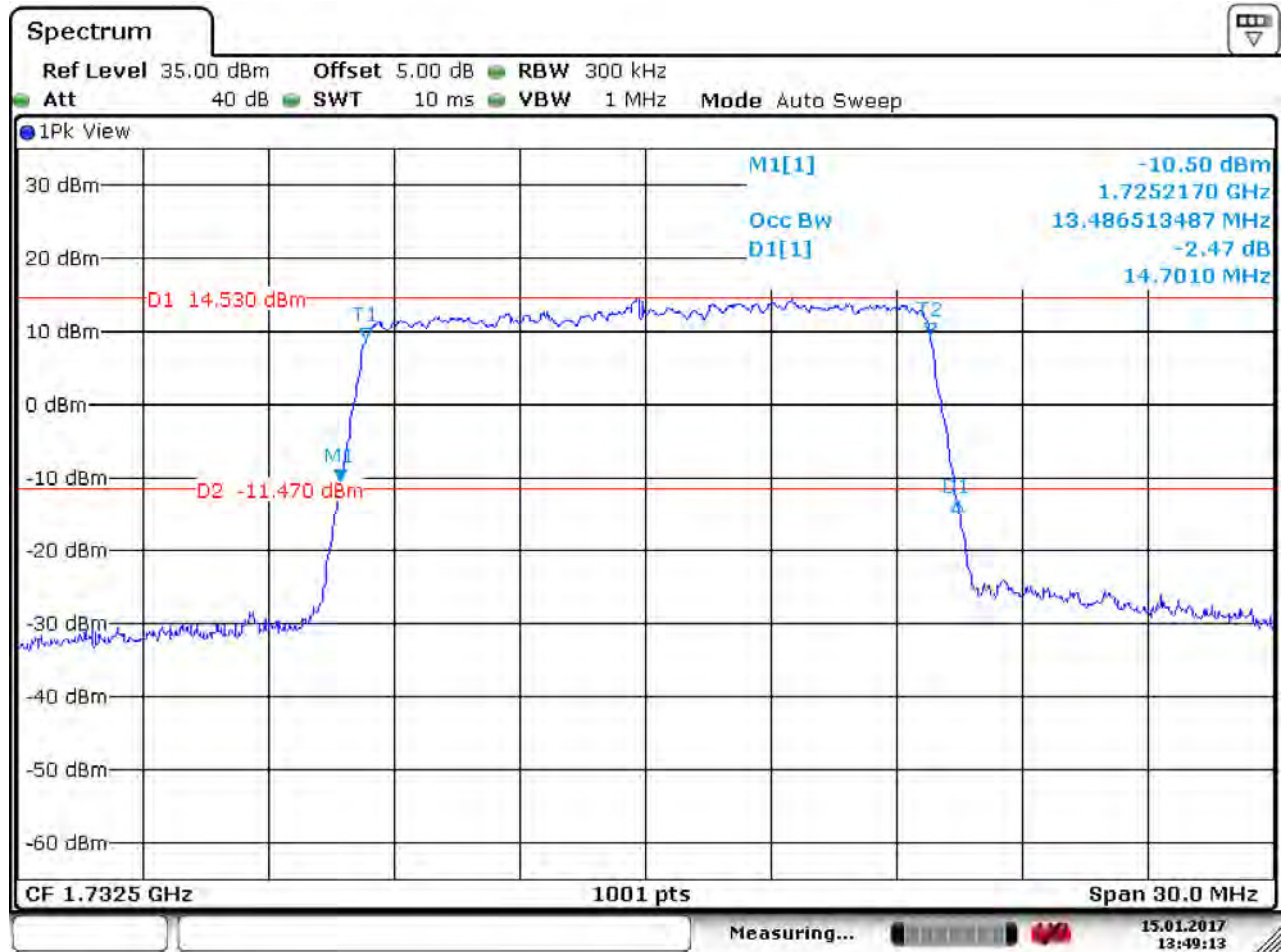


Date: 15.JAN.2017 13:47:47

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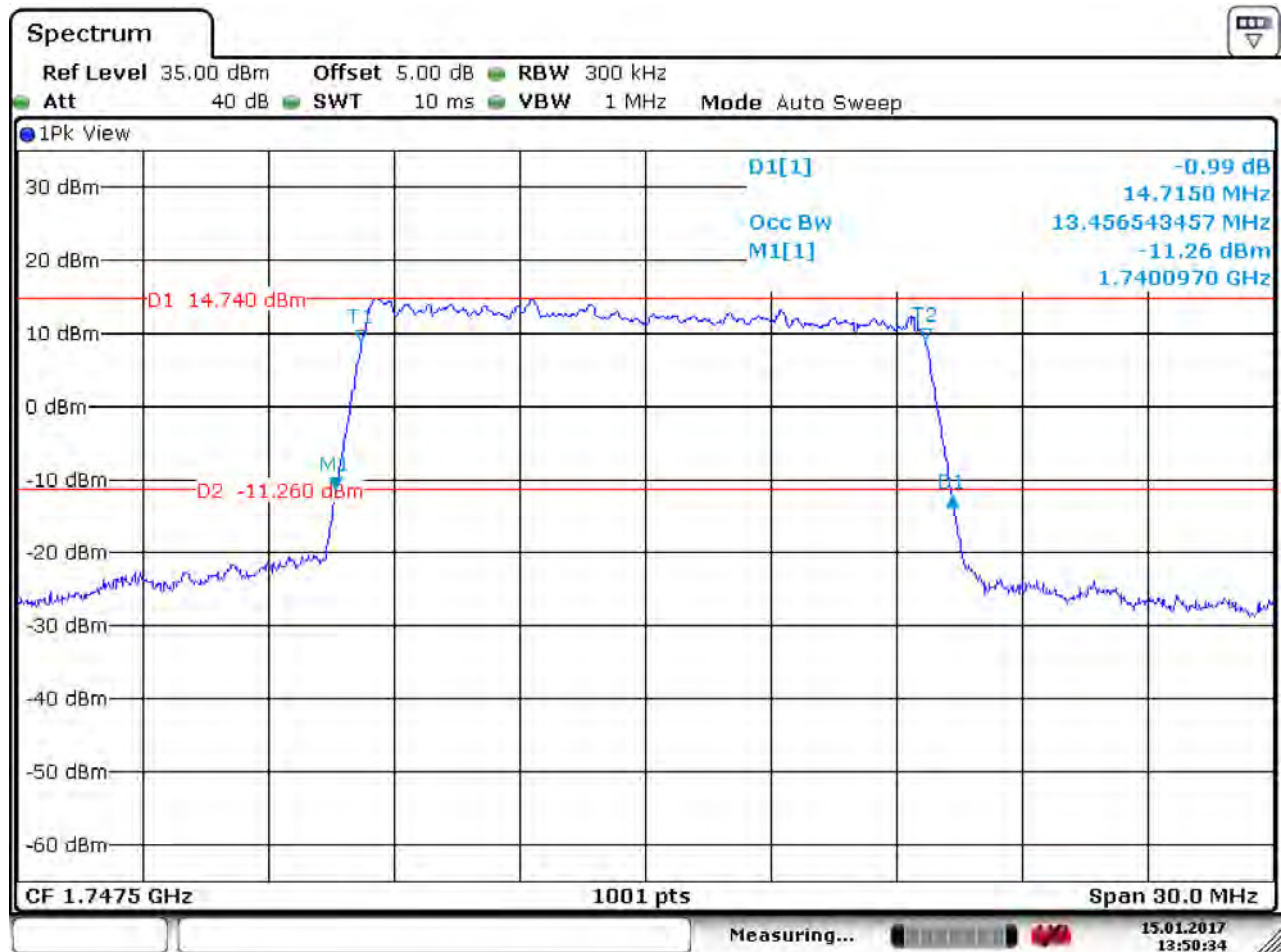
#### 4.1.1.15.2 Test Channel = MCH



Date: 15.JAN.2017 13:49:14



4.1.1.15.3 Test Channel = HCH

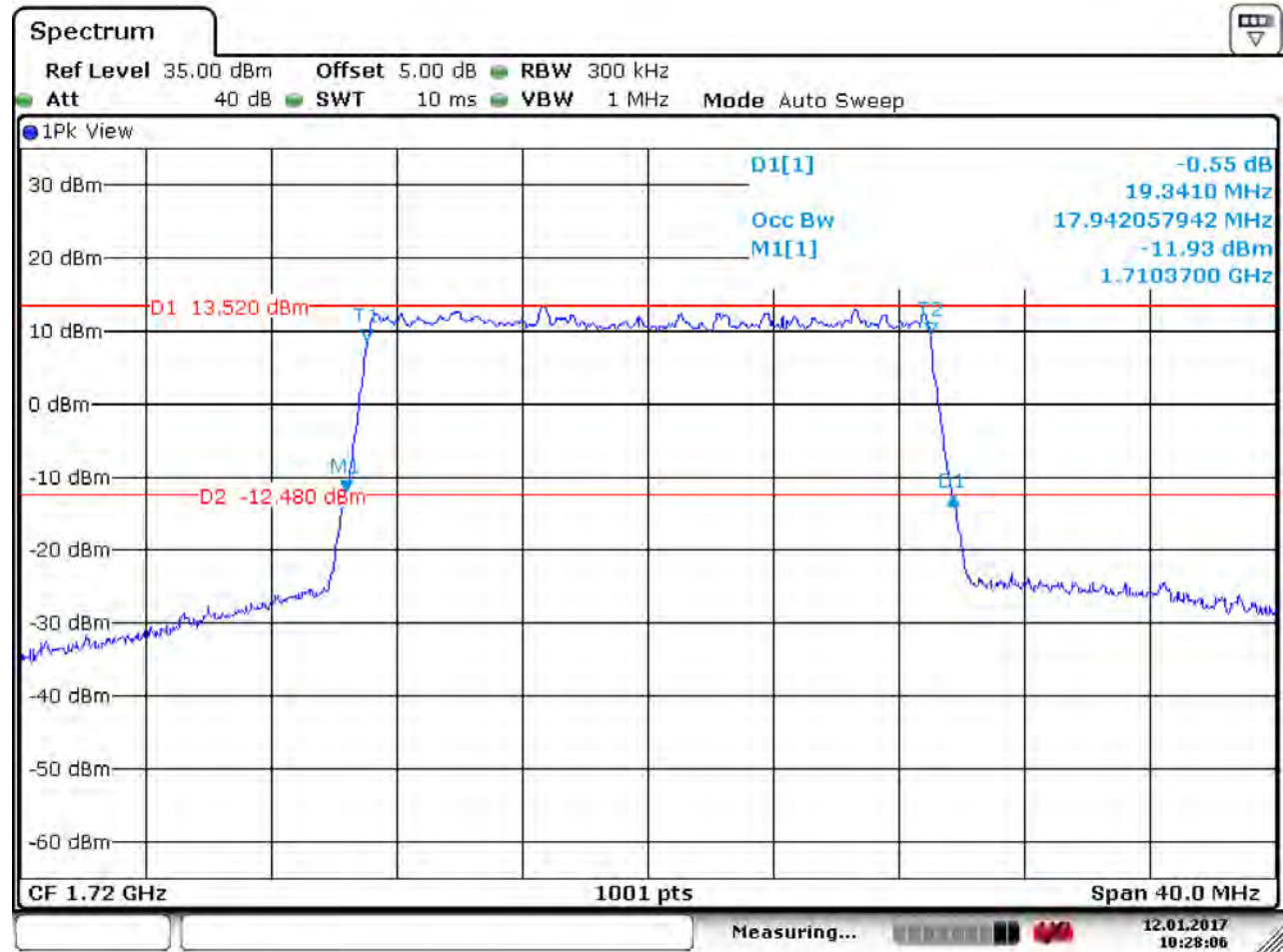


Date: 15.JAN.2017 13:50:34



4.1.1.16 Test Mode = LTE/TM1 20MHz

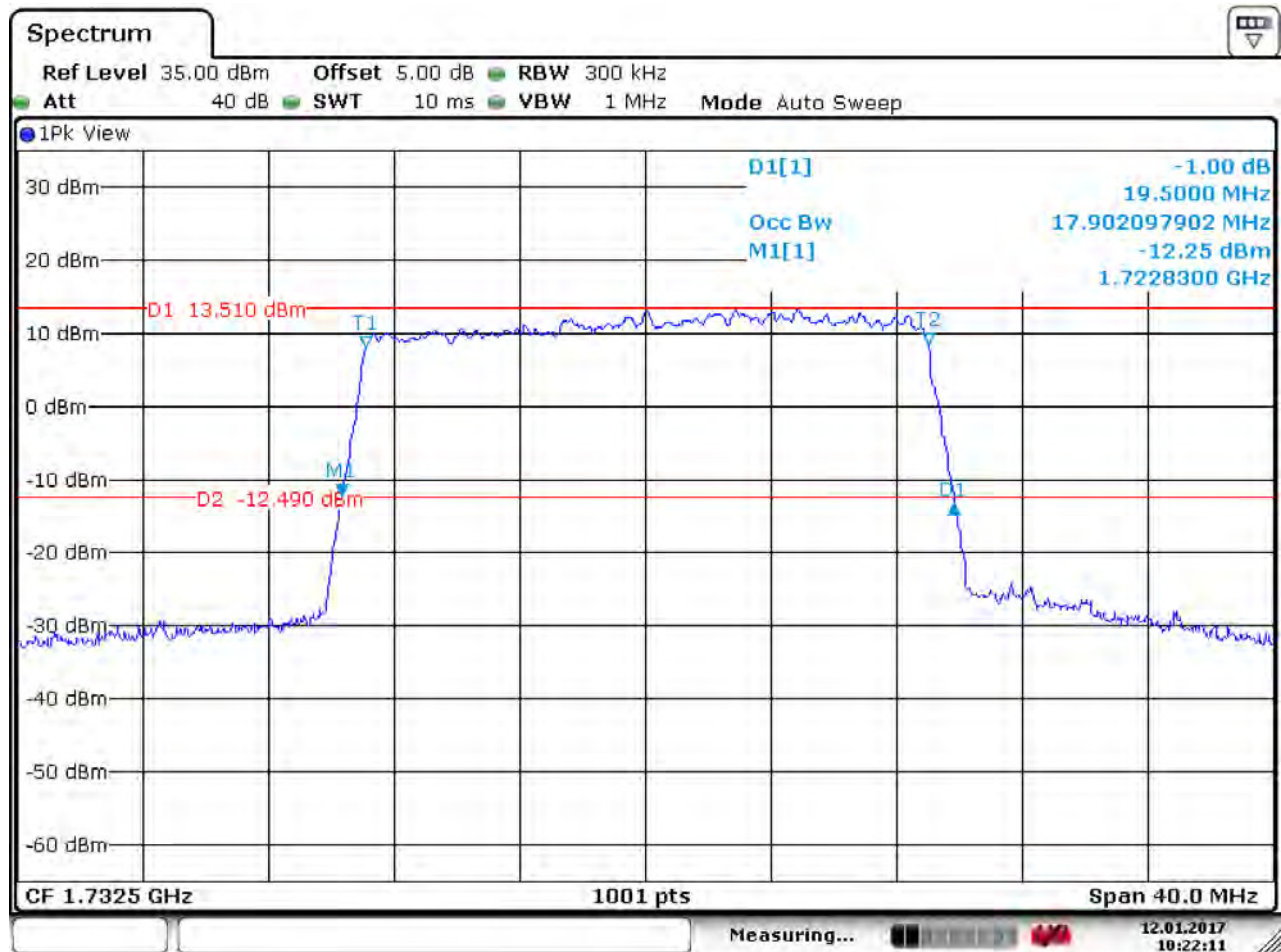
4.1.1.16.1 Test Channel = LCH



Date: 12.JAN.2017 10:28:07



4.1.1.16.2 Test Channel = MCH

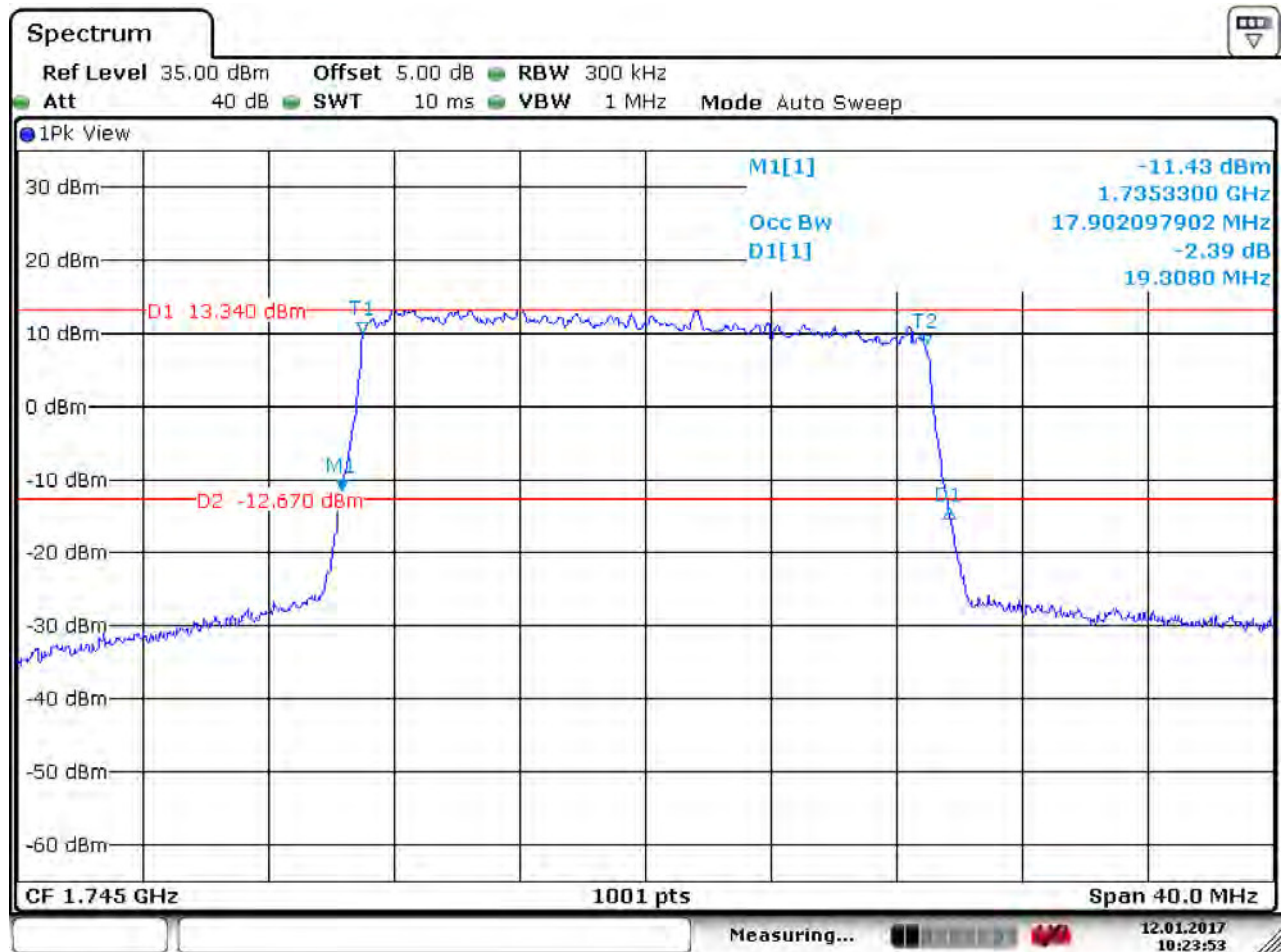


Date: 12.JAN.2017 10:22:12





4.1.1.16.3 Test Channel = HCH

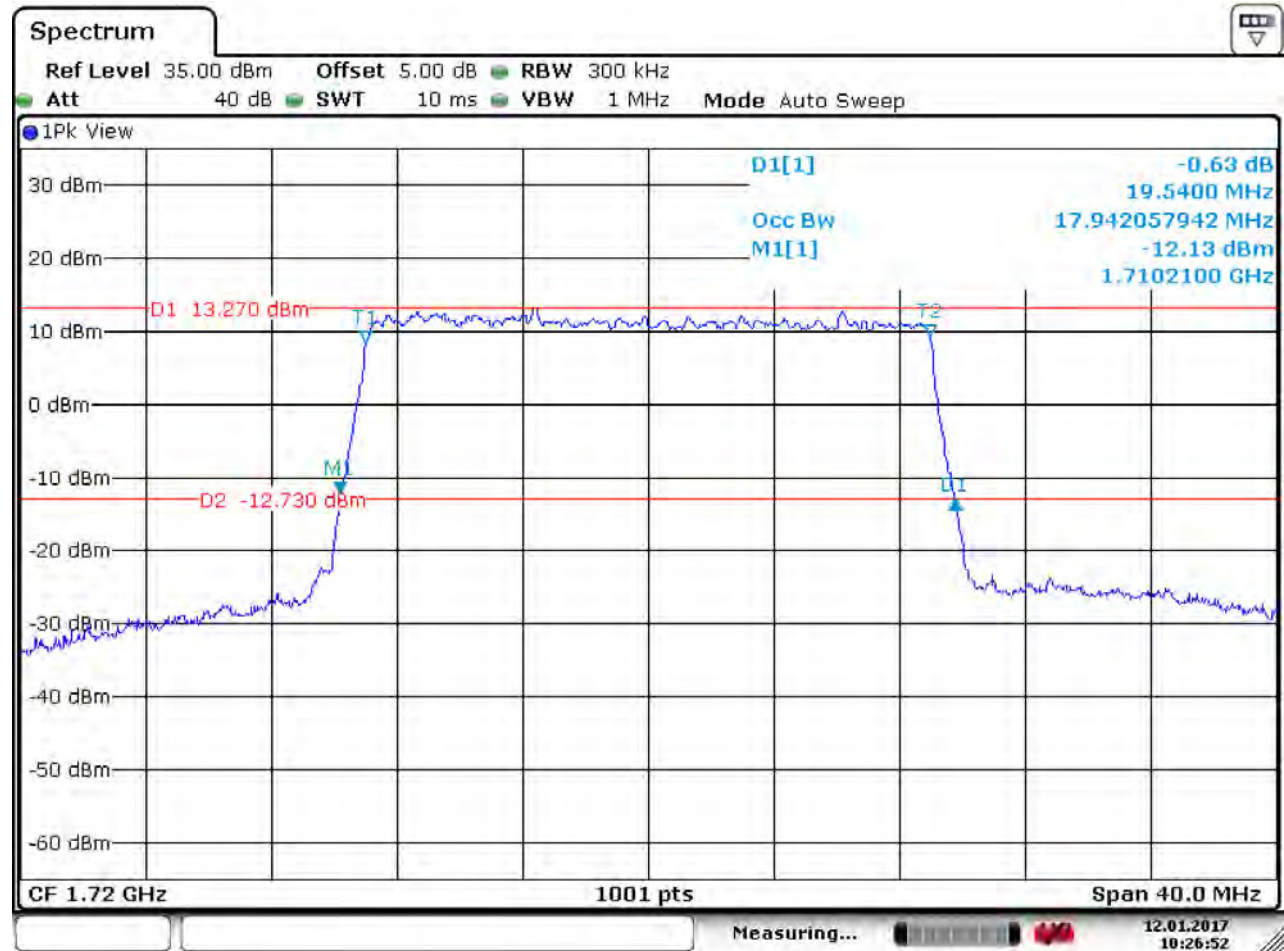


Date: 12.JAN.2017 10:23:53



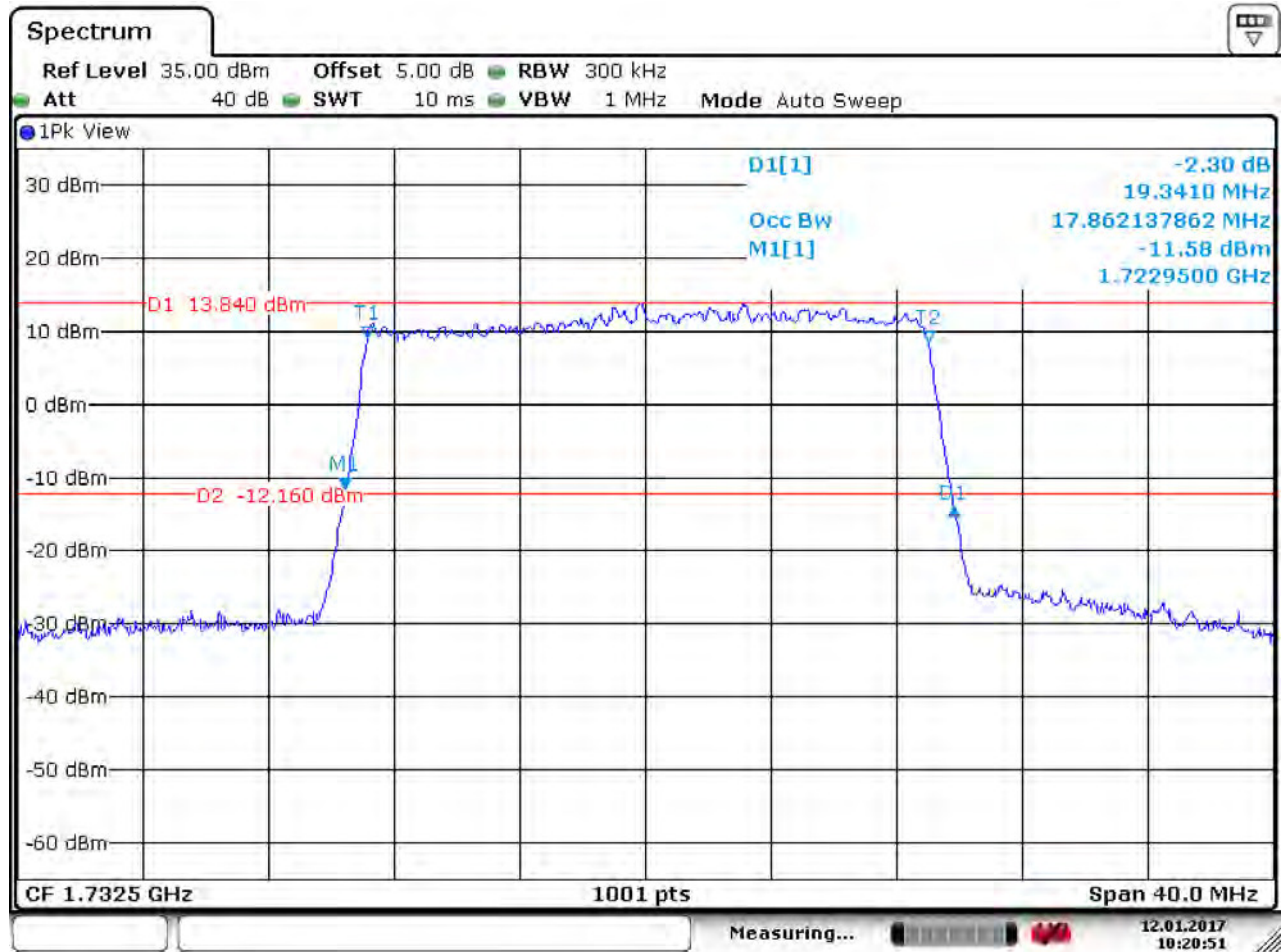
4.1.1.17 Test Mode = LTE/TM2 20MHz

4.1.1.17.1 Test Channel = LCH



Date: 12.JAN.2017 10:26:52

#### 4.1.1.17.2 Test Channel = MCH

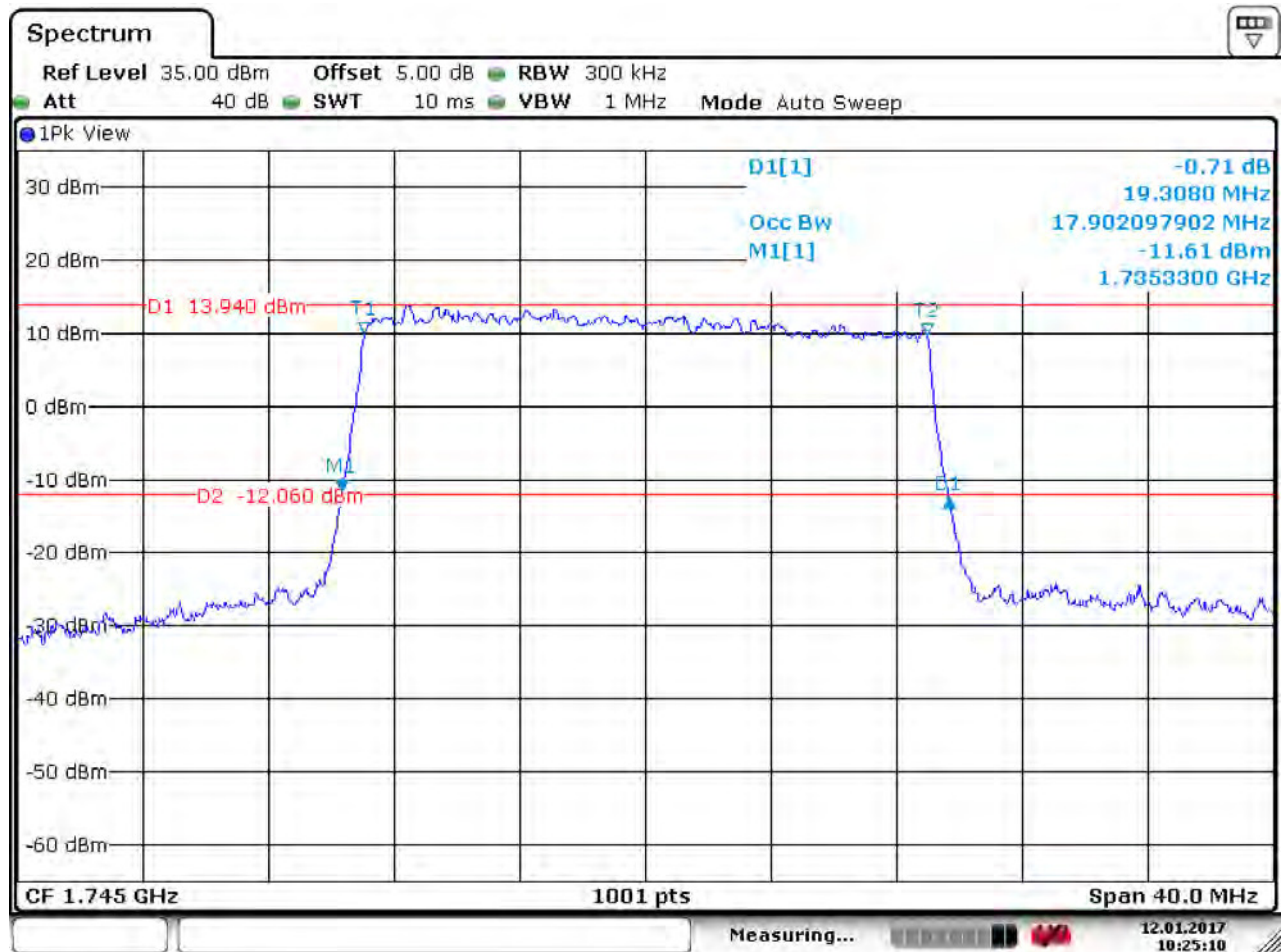


Date: 12.JAN.2017 10:20:51

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4.1.1.17.3 Test Channel = HCH



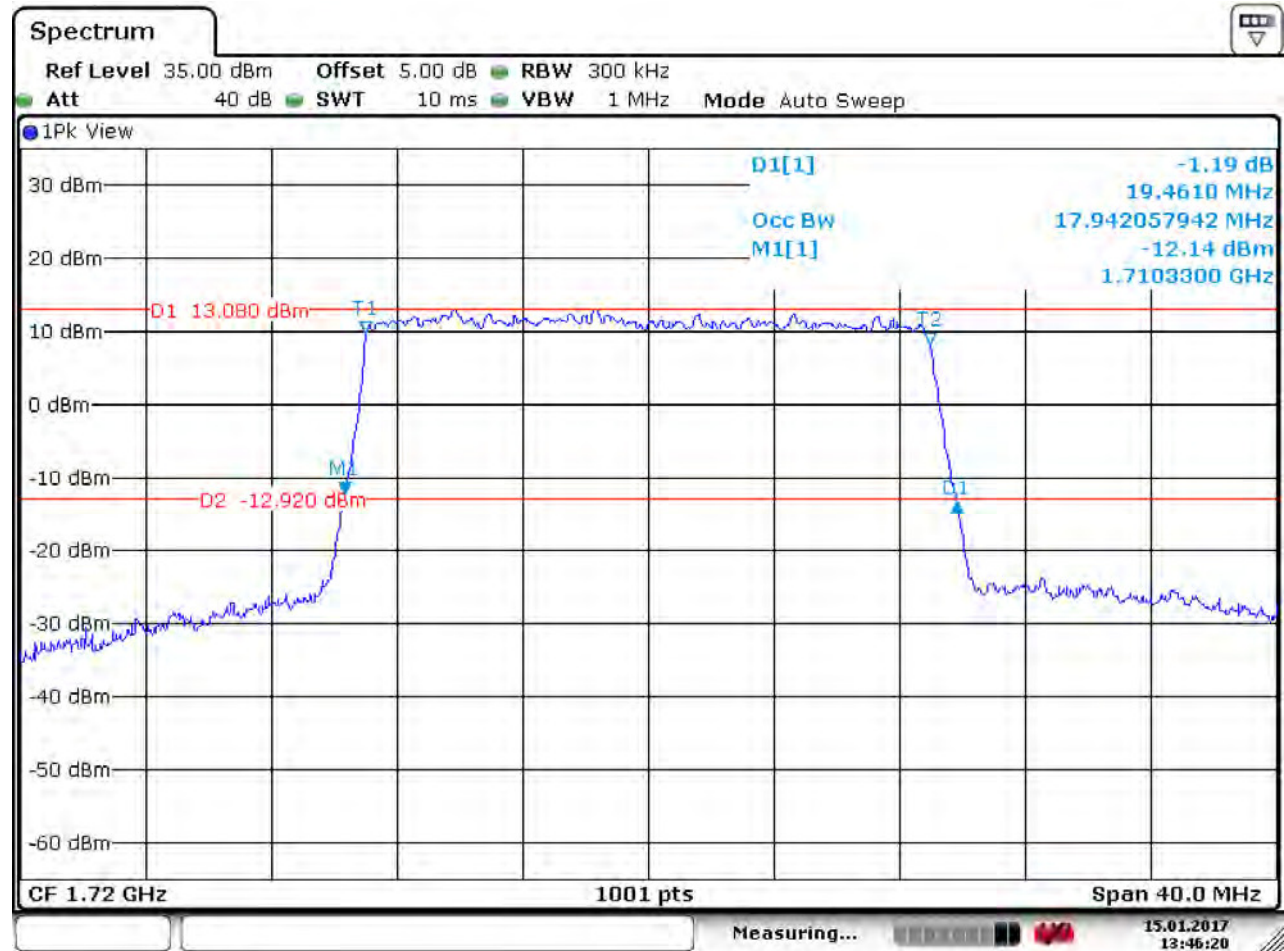
Date: 12.JAN.2017 10:25:10





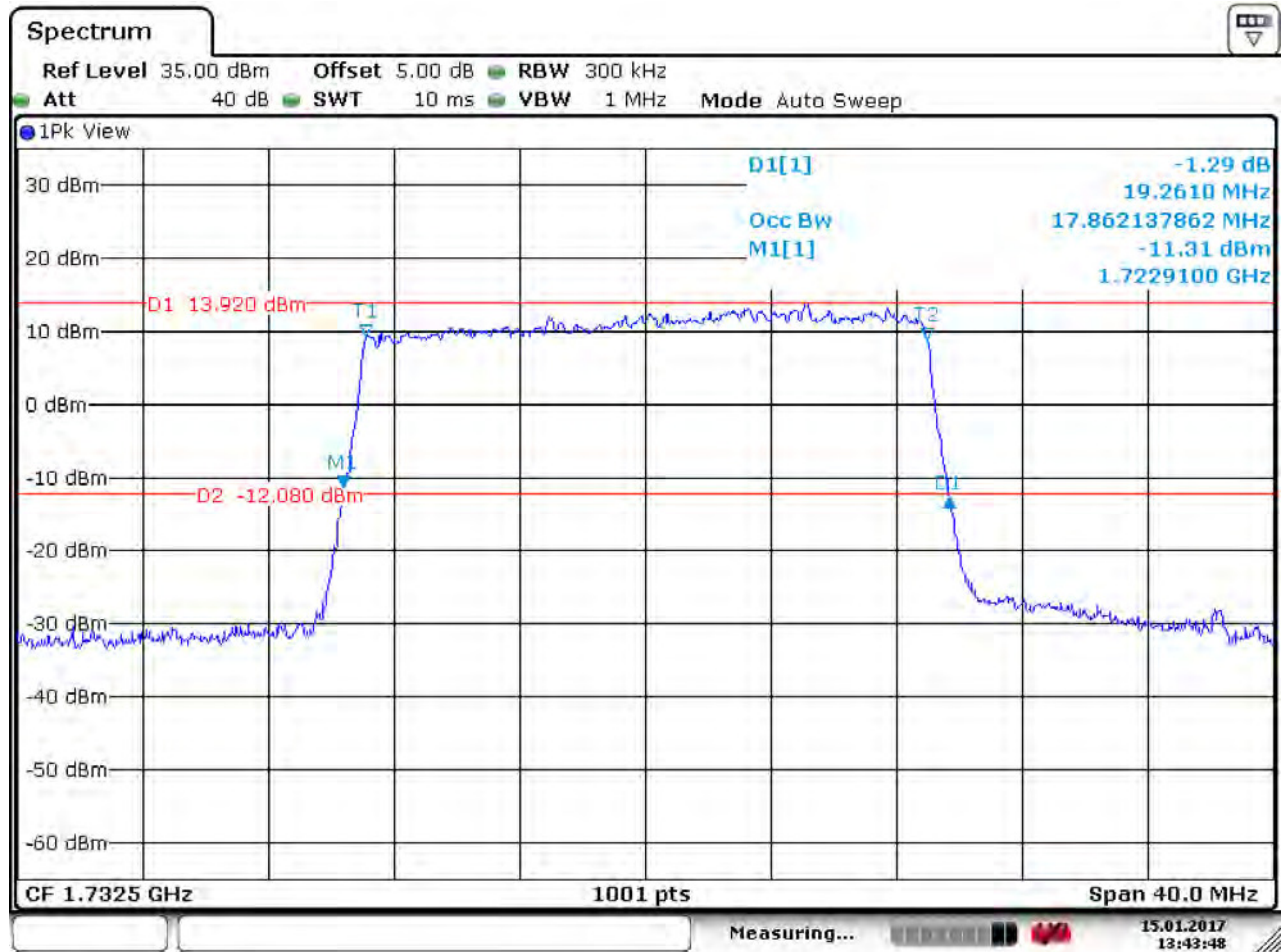
4.1.1.18 Test Mode = LTE/TM3 20MHz

4.1.1.18.1 Test Channel = LCH



Date: 15.JAN.2017 13:46:20

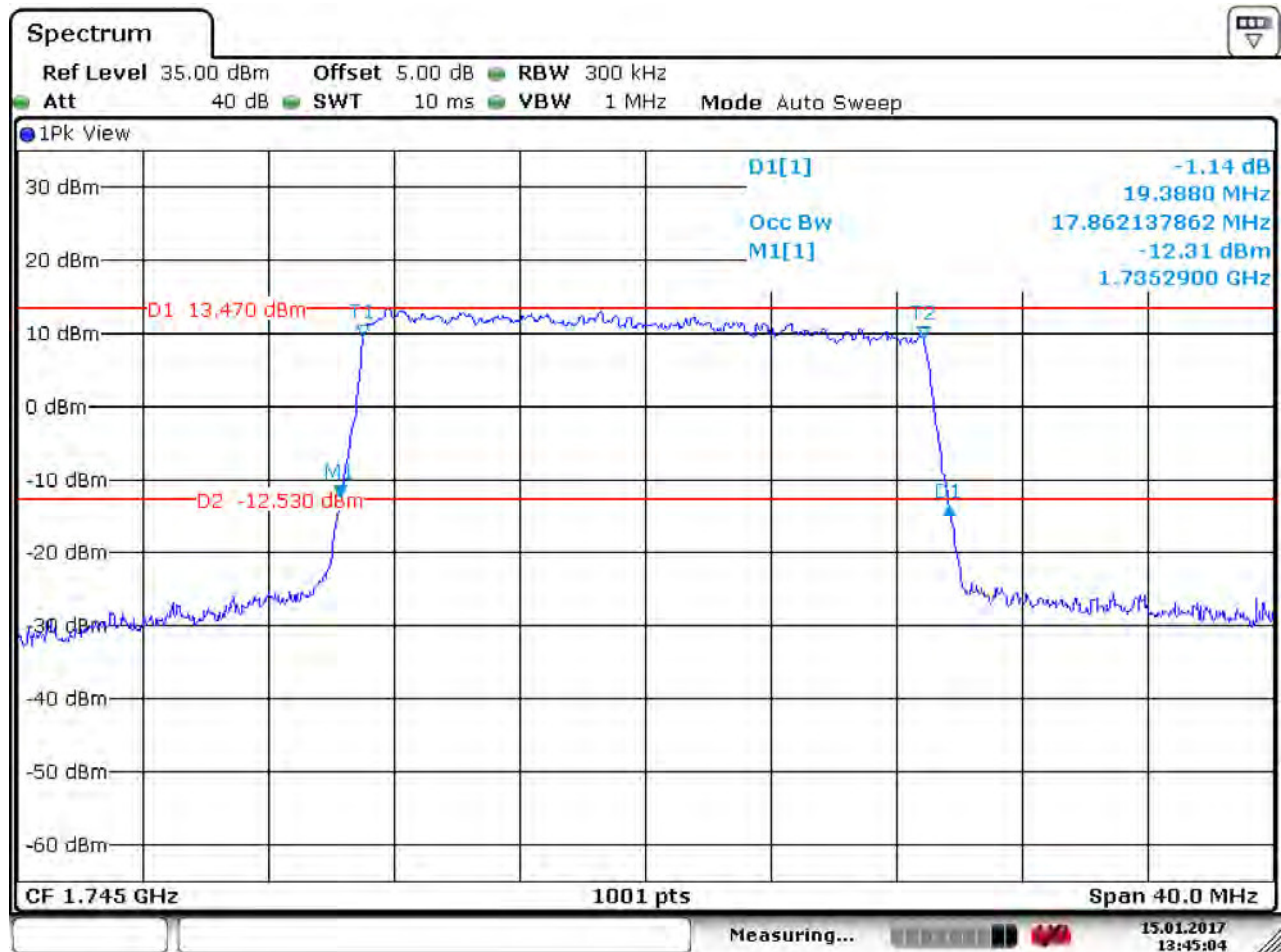
#### 4.1.1.18.2 Test Channel = MCH



Date: 15.JAN.2017 13:43:49



4.1.1.18.3 Test Channel = HCH



Date: 15.JAN.2017 13:45:05

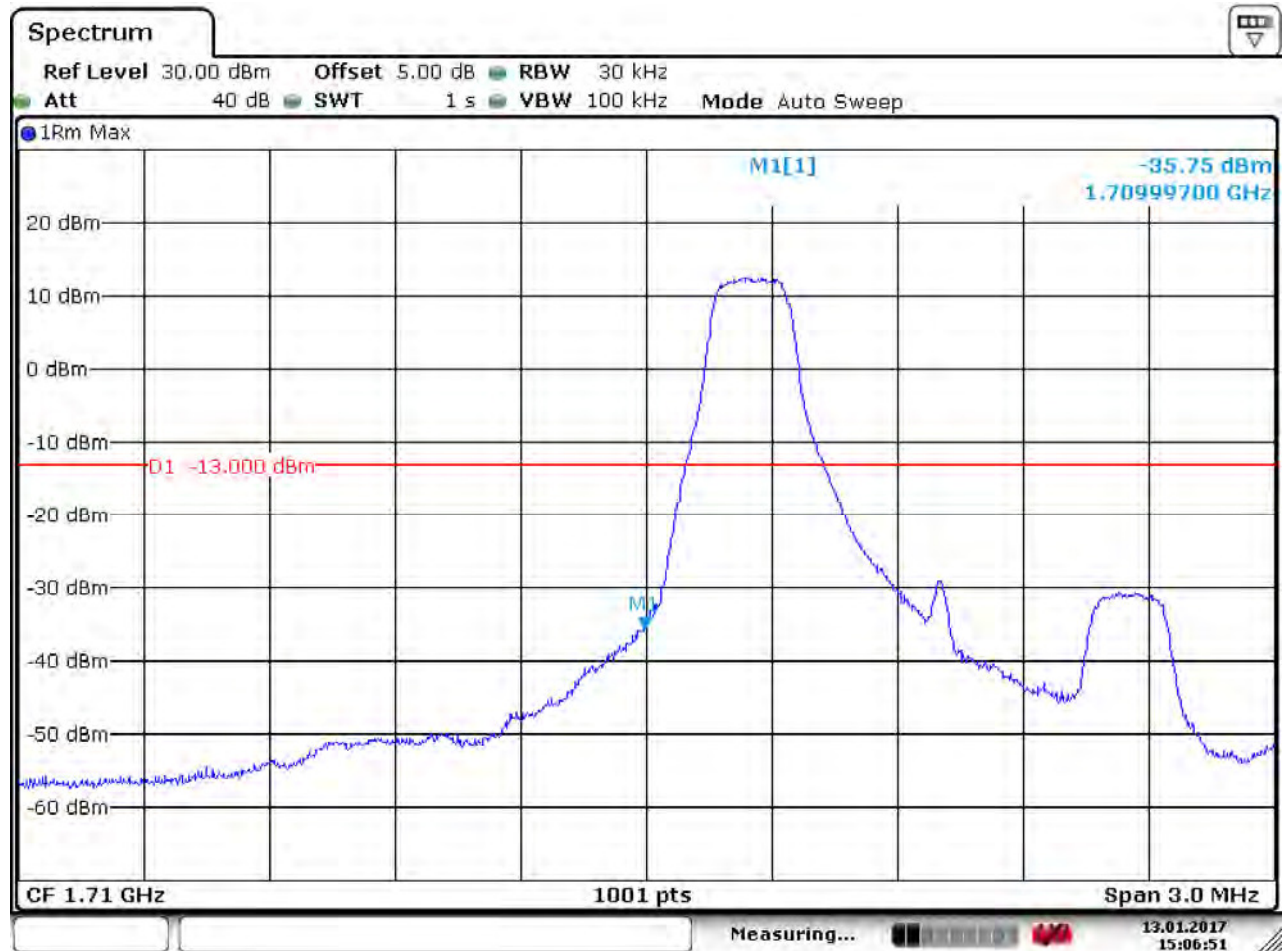
## 5 Band Edges Compliance

### 5.1.1 Test Band = LTE band 4

#### 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

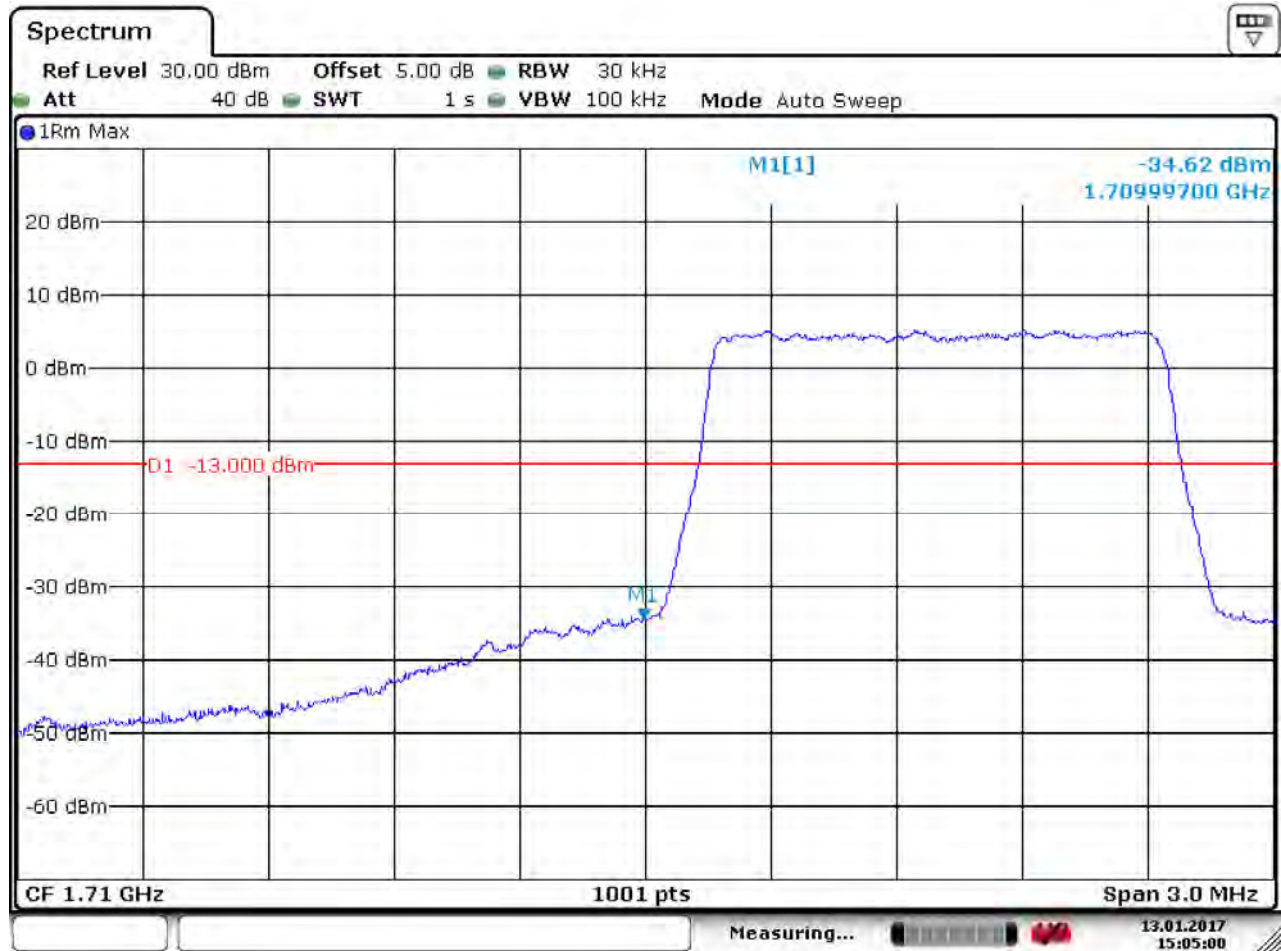


Date: 13.JAN.2017 15:06:51

##### 5.1.1.1.1.2 Test RB=6RB

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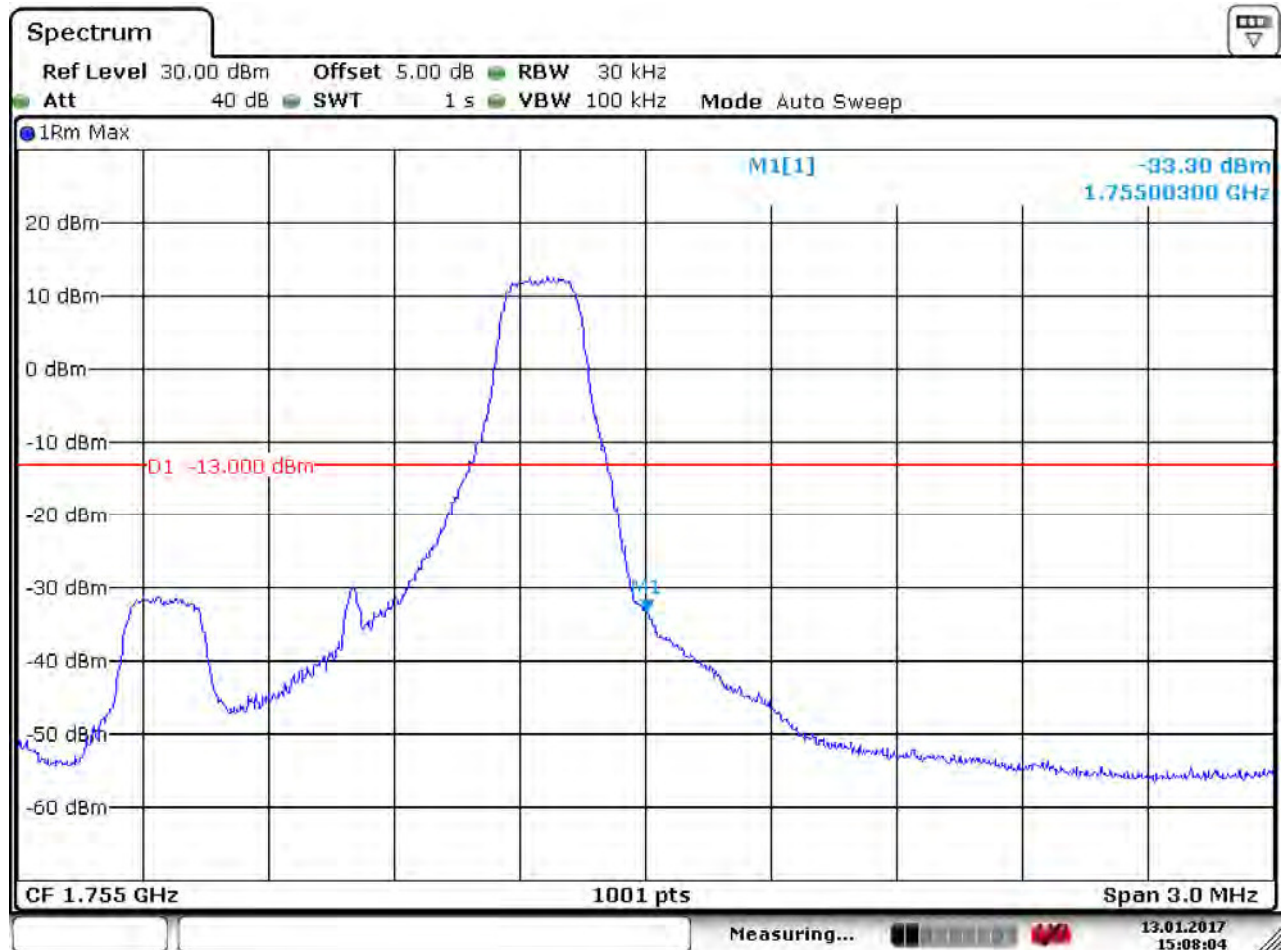


Date: 13.JAN.2017 15:05:01



5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB



Date: 13.JAN.2017 15:08:04



5.1.1.1.2.2 Test RB=6RB



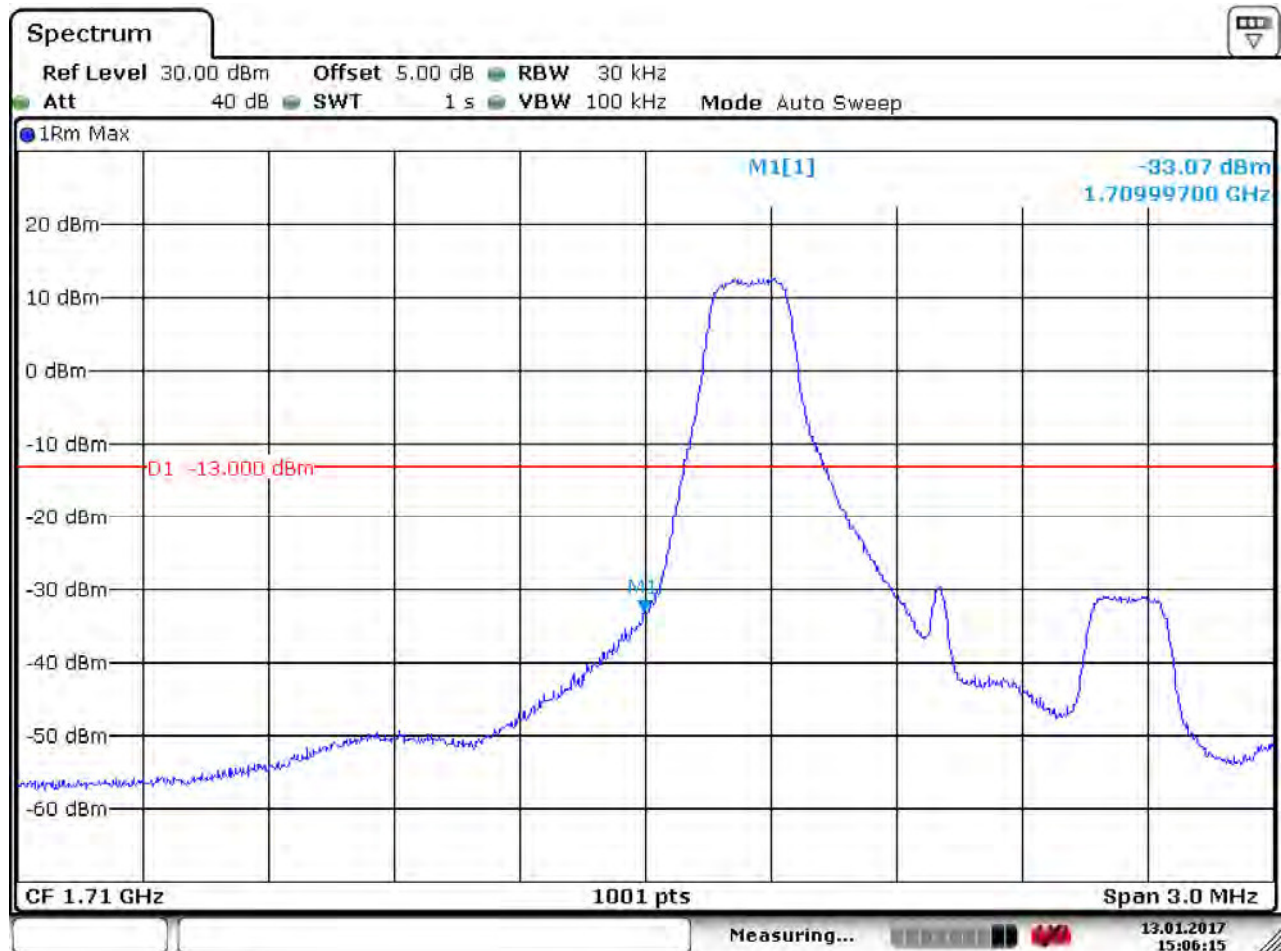
Date: 13.JAN.2017 15:13:27



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

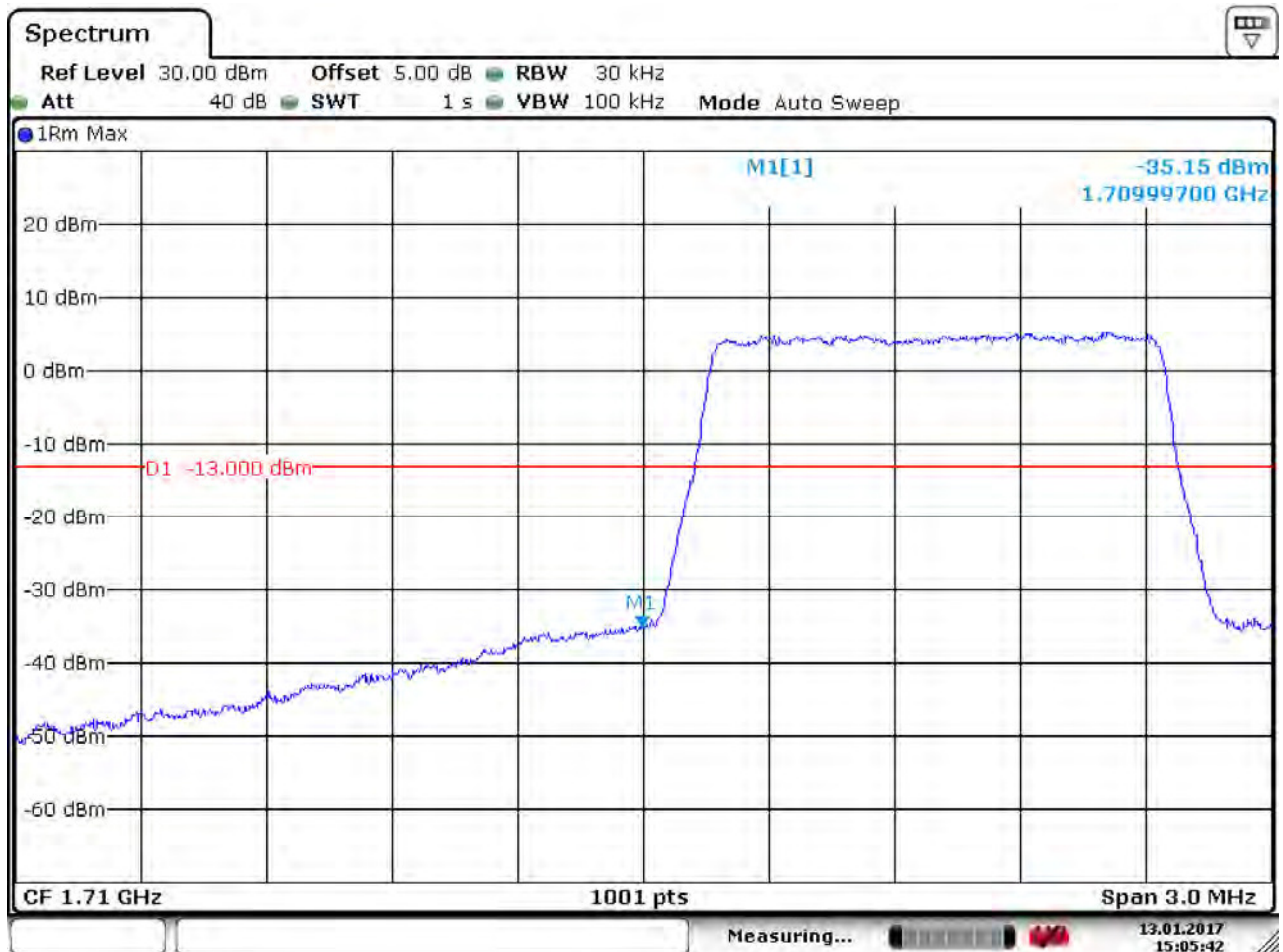


Date: 13.JAN.2017 15:06:16





5.1.1.2.1.2 Test RB=6RB

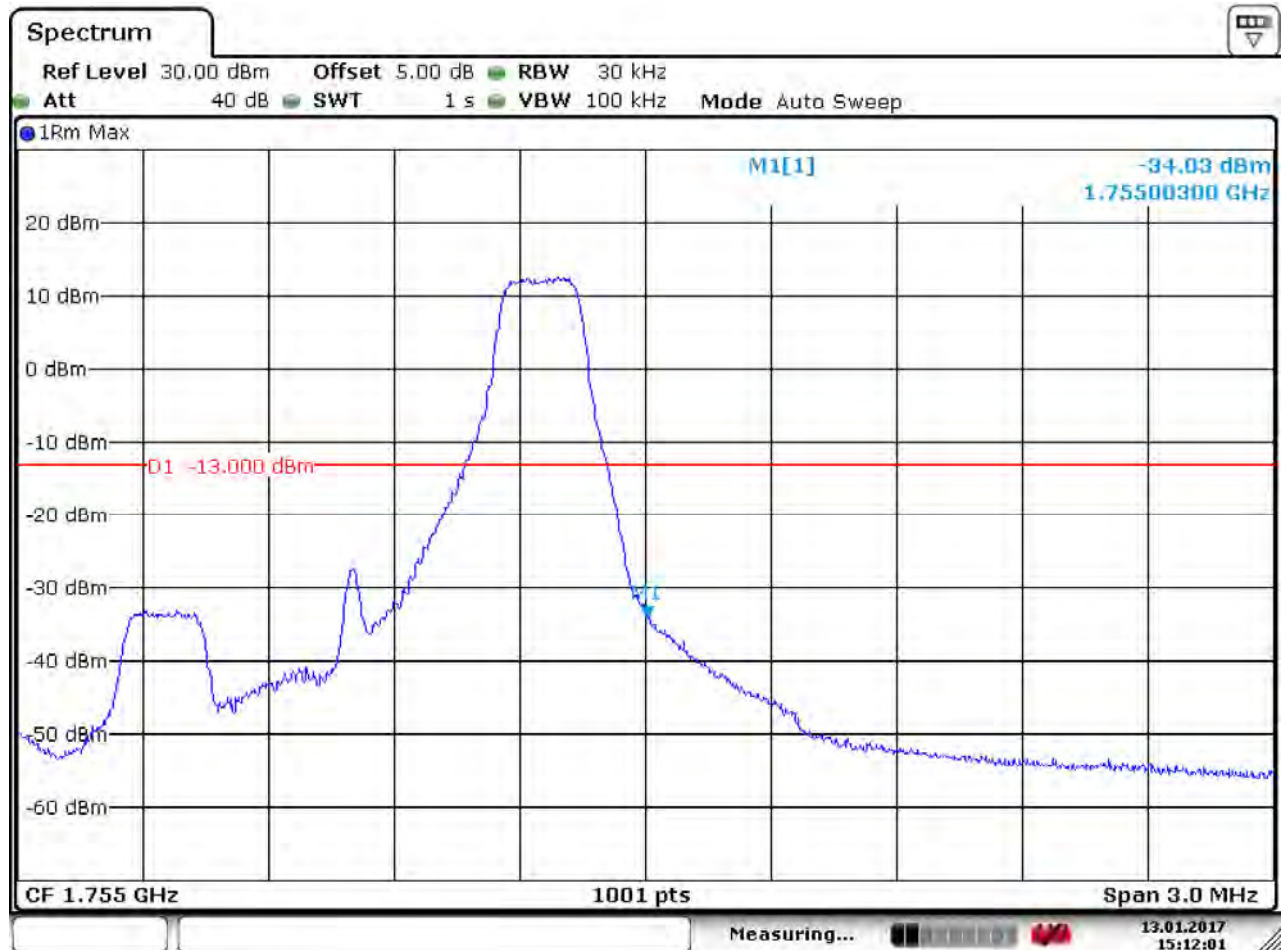


Date: 13.JAN.2017 15:05:42



5.1.1.2.2 Test Channel = HCH

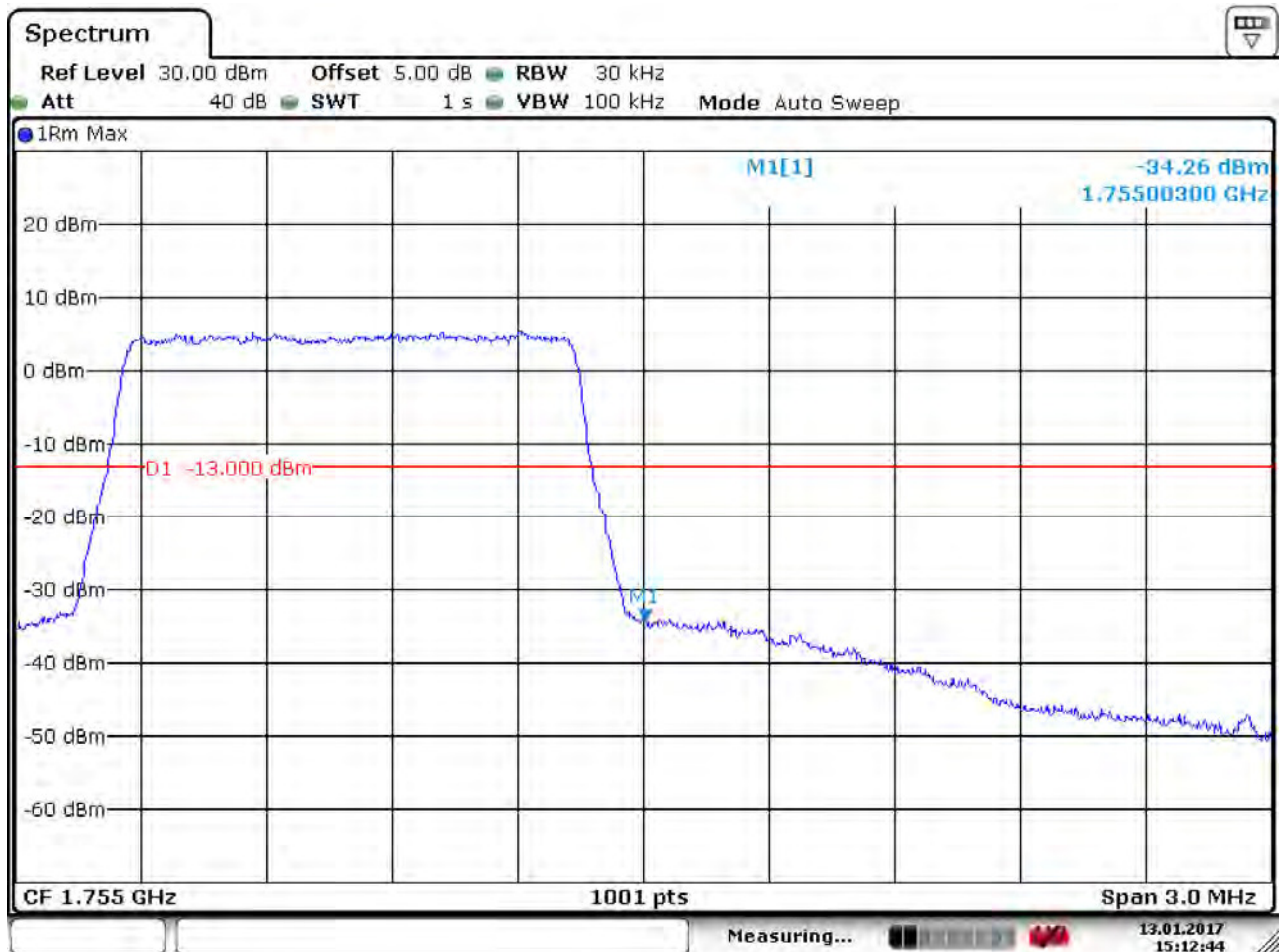
5.1.1.2.2.1 Test RB=1RB



Date: 13.JAN.2017 15:12:01



5.1.1.2.2.2 Test RB=6RB



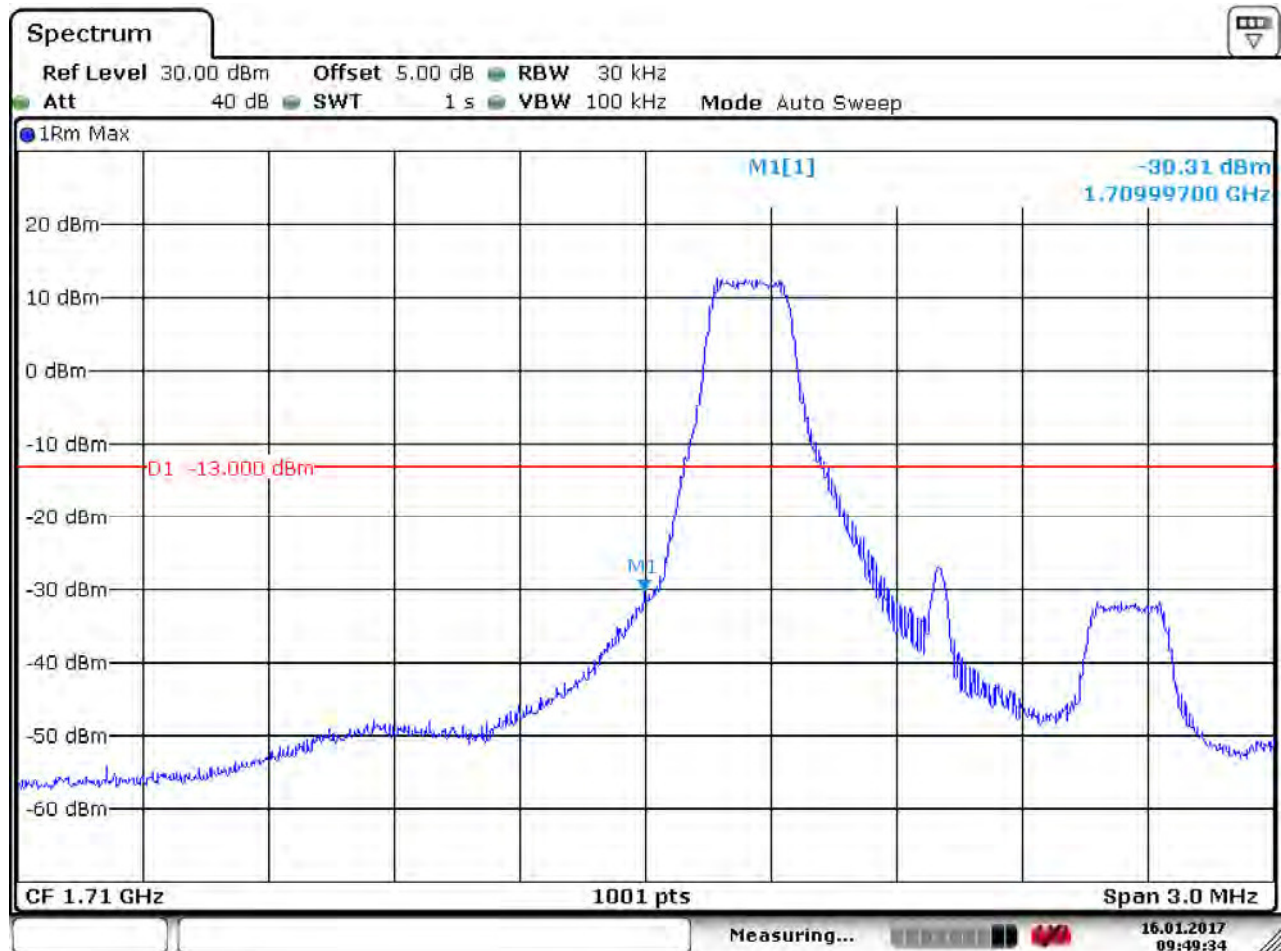
Date: 13.JAN.2017 15:12:44



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

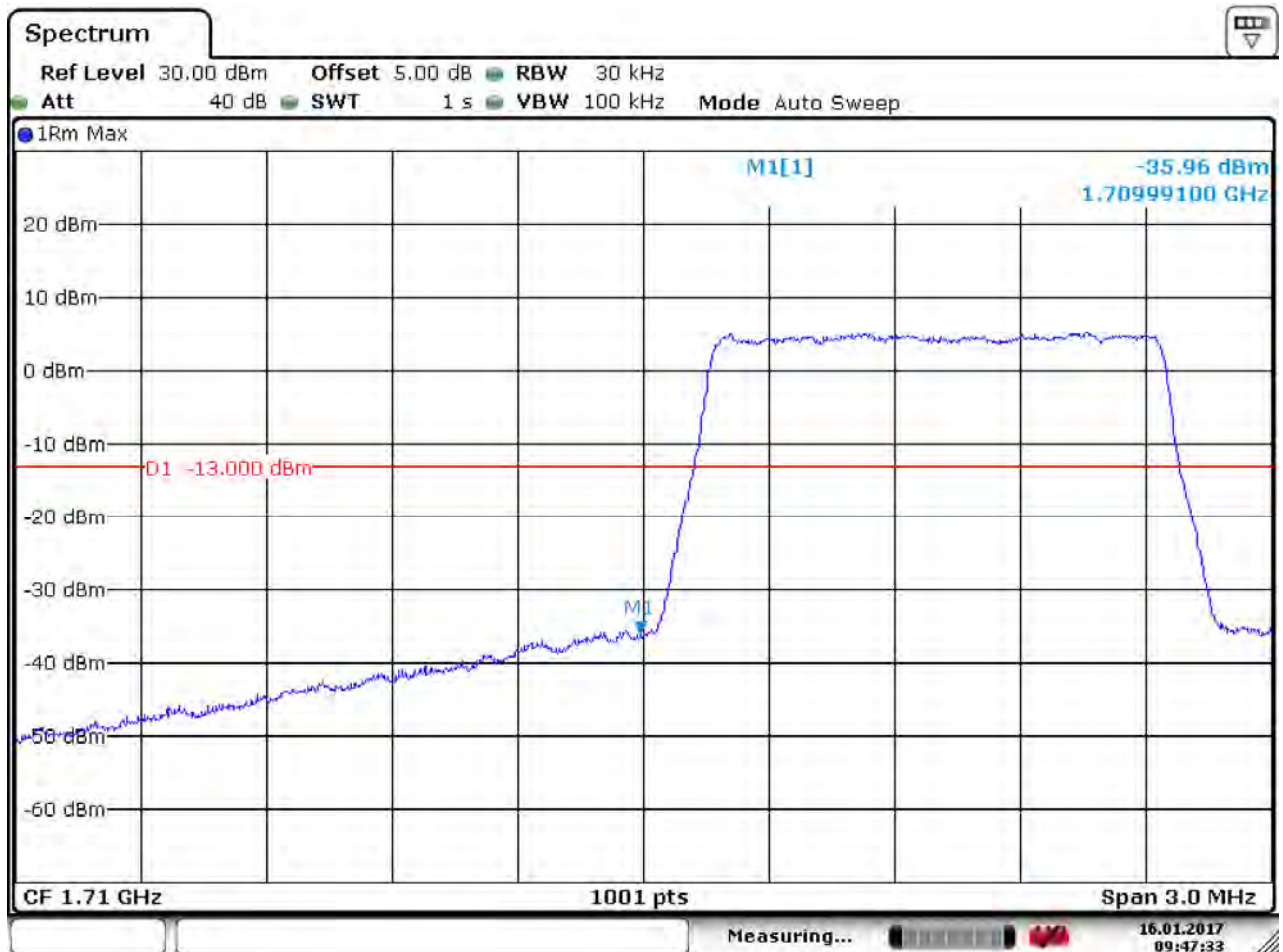


Date: 16.JAN.2017 09:49:34





5.1.1.3.1.2 Test RB=6RB

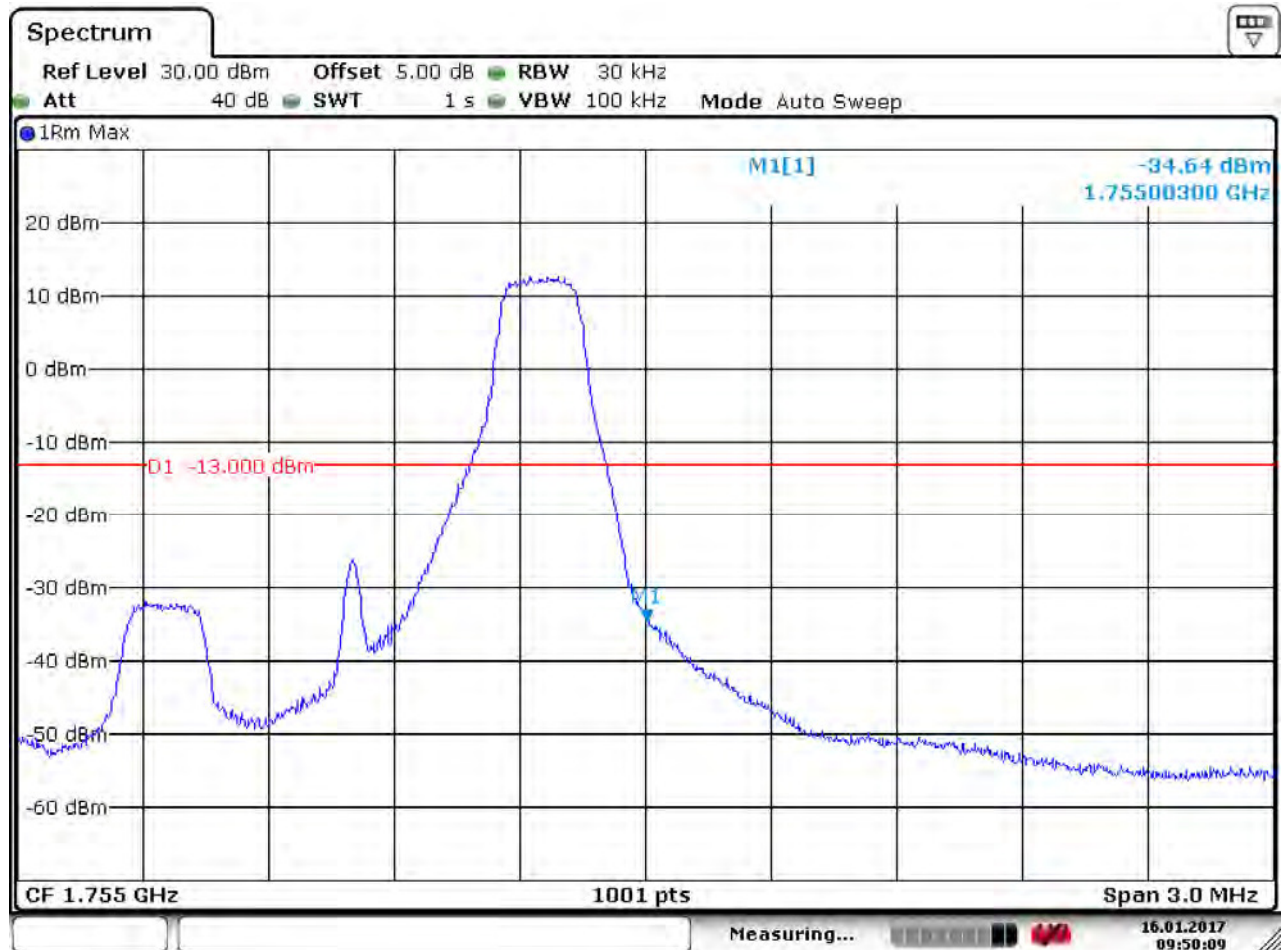


Date: 16.JAN.2017 09:47:34



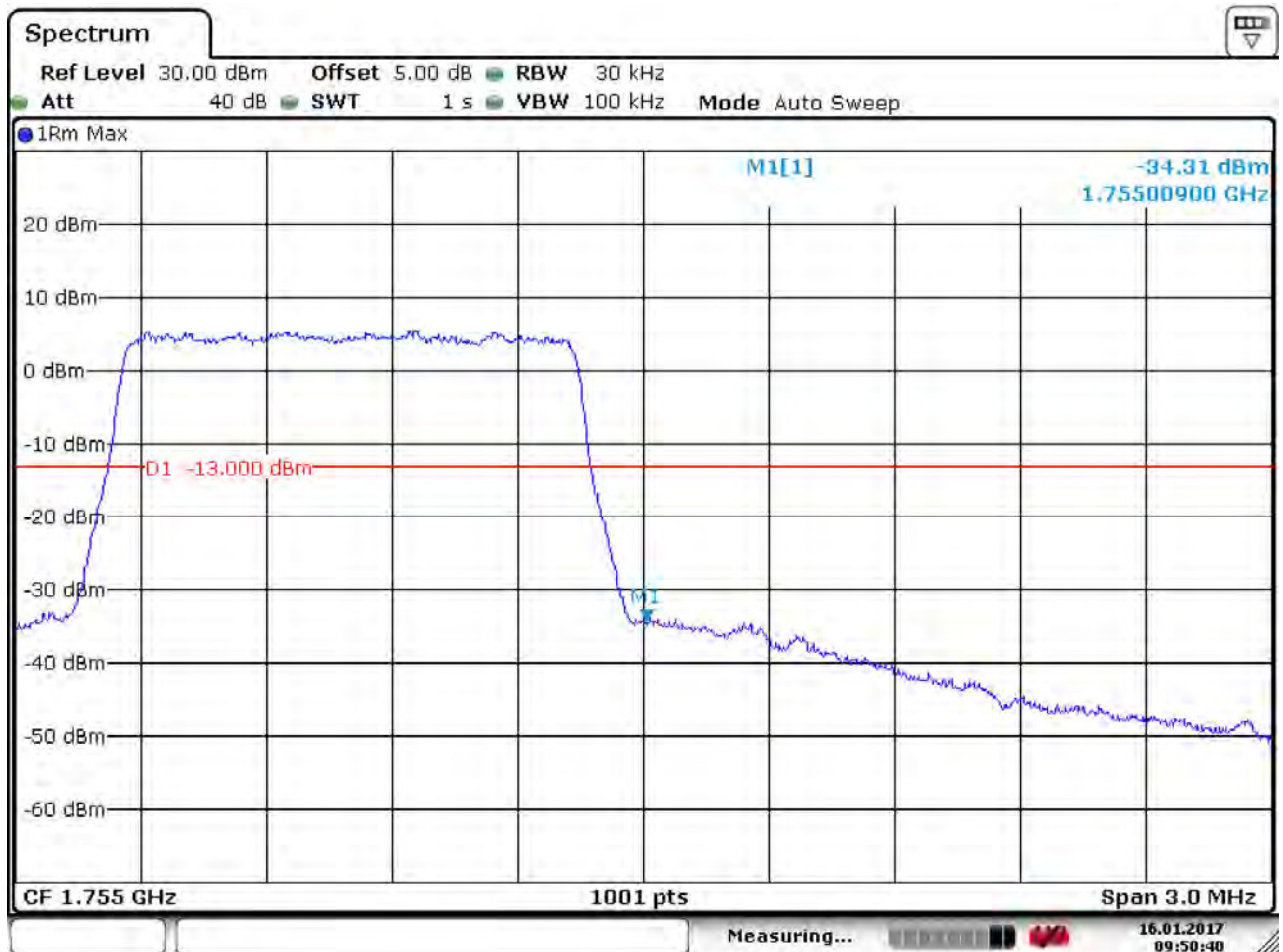
5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB



Date: 16.JAN.2017 09:50:10

### 5.1.1.3.2.2 Test RB=6RB

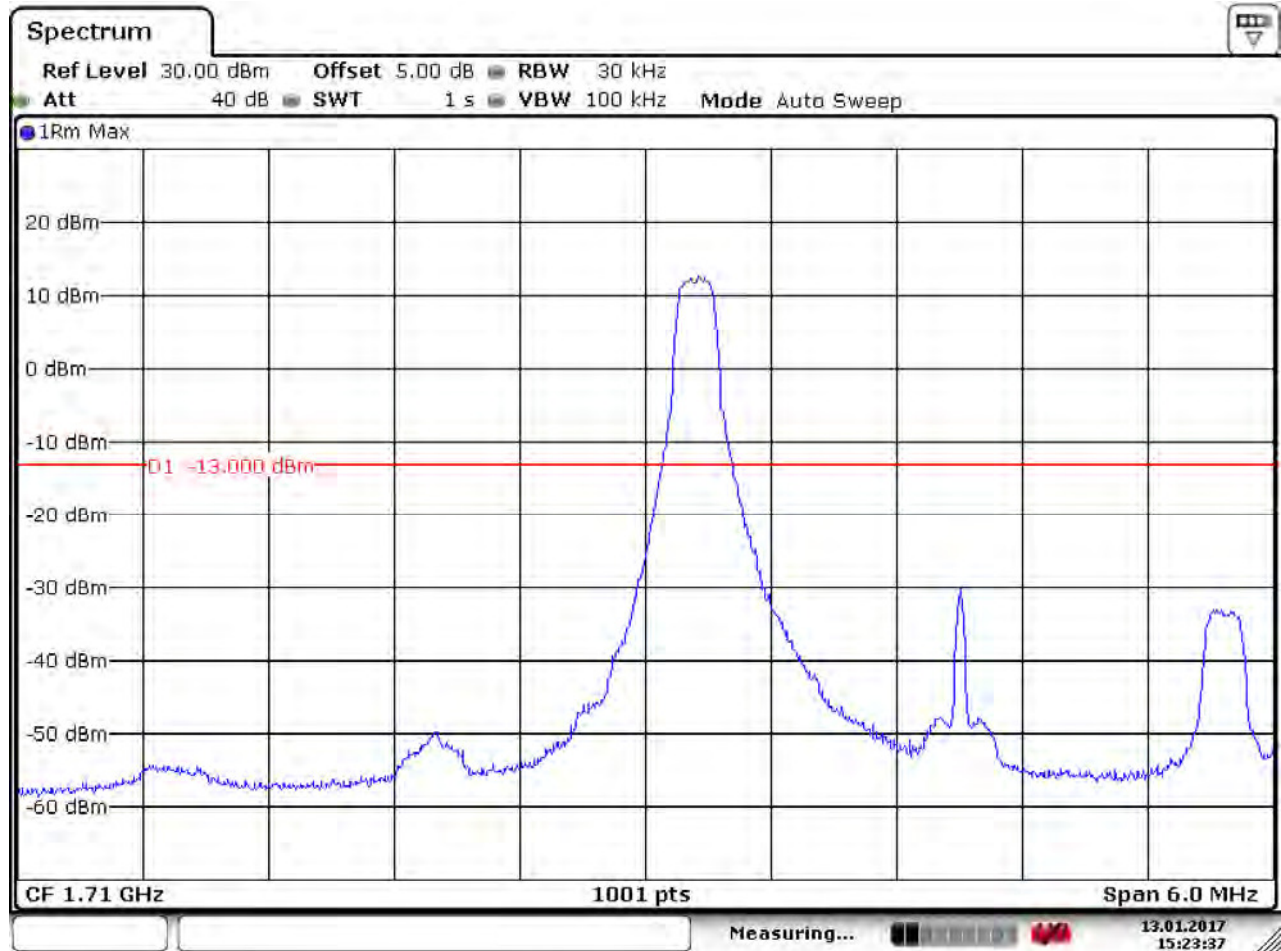


Date: 16.JAN.2017 09:50:40

**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**

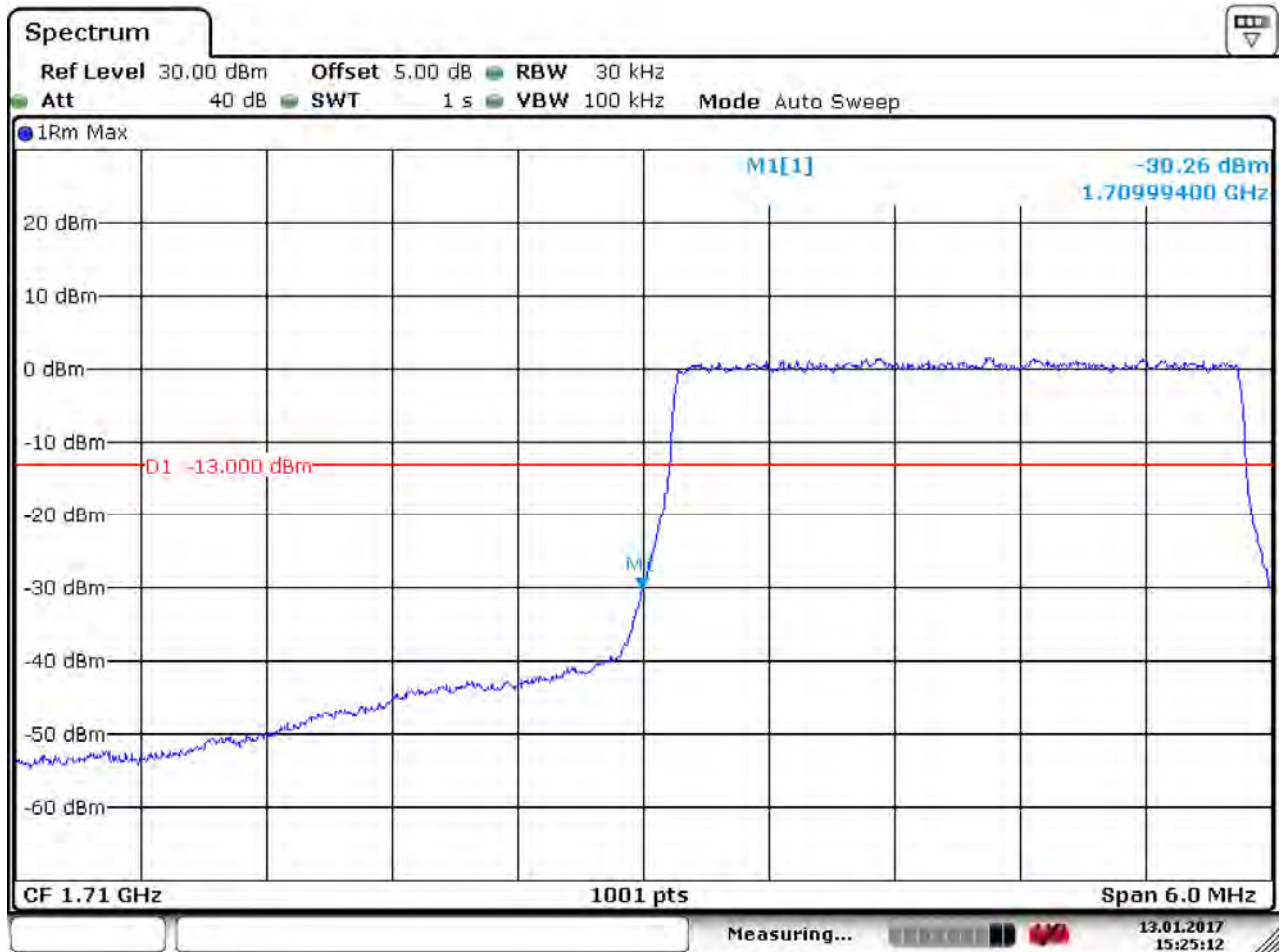


Date: 13.JAN.2017 15:23:37





5.1.1.4.1.2 Test RB=15RB

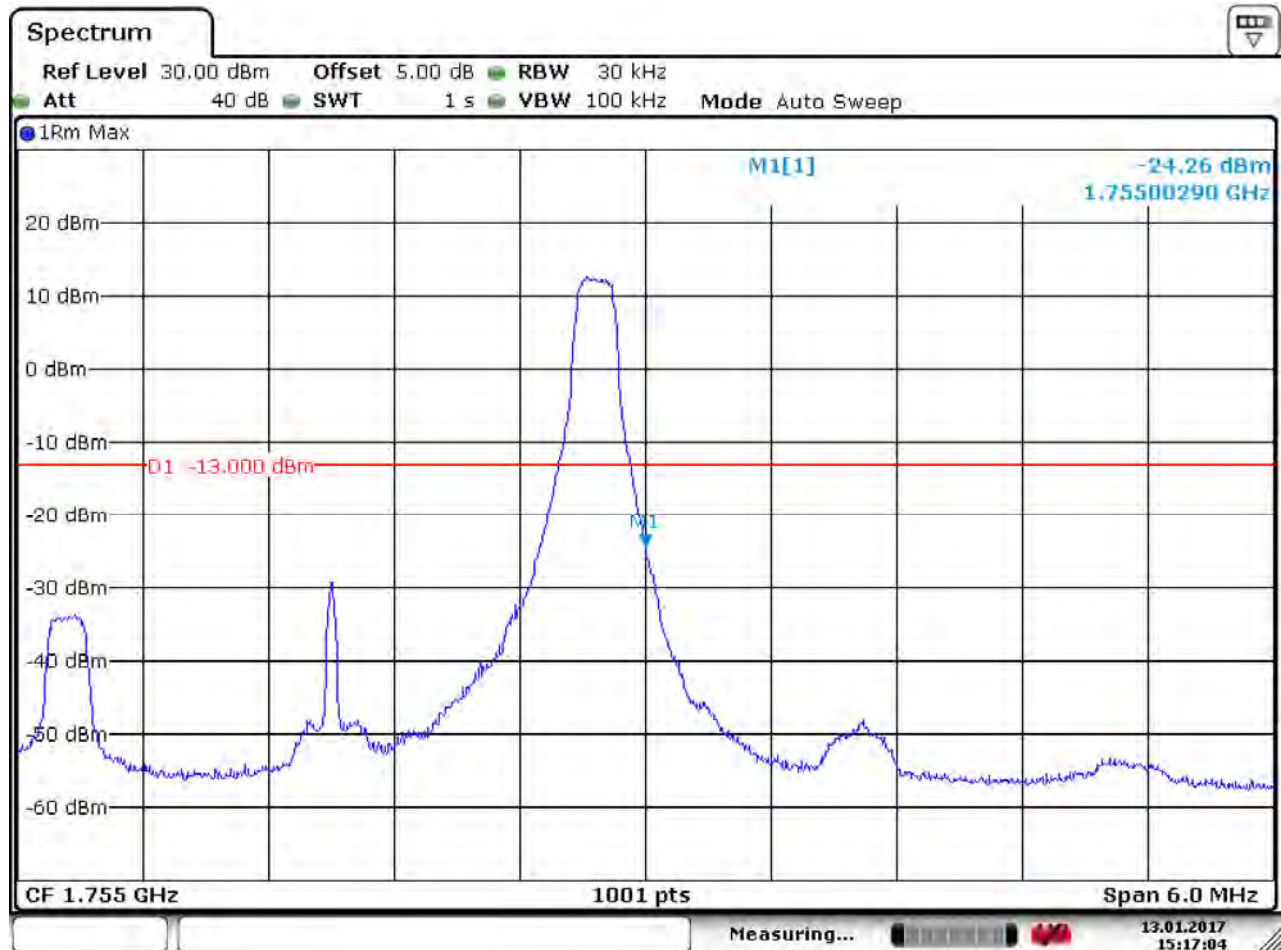


Date: 13.JAN.2017 15:25:12



5.1.1.4.2 Test Channel = HCH

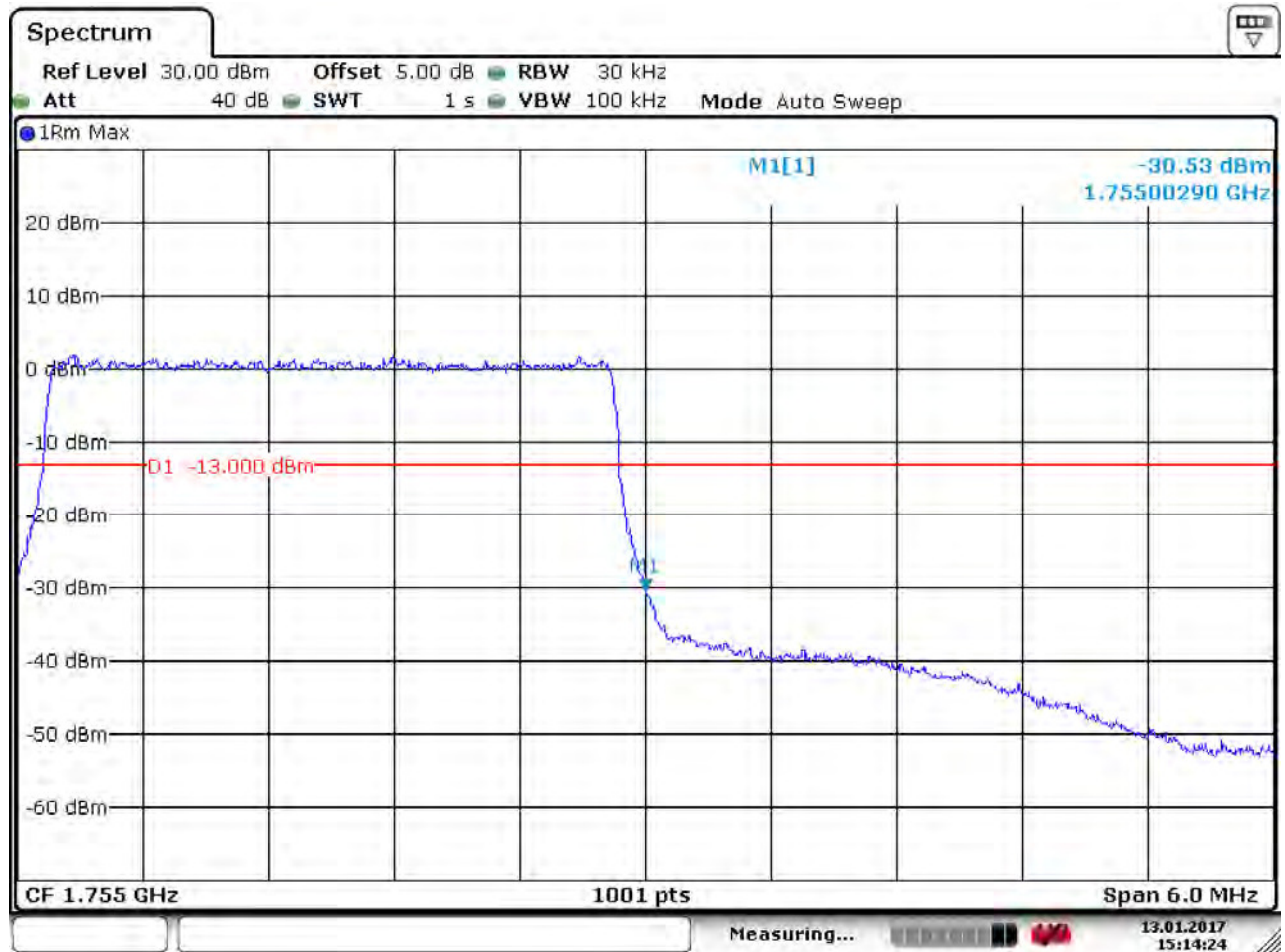
5.1.1.4.2.1 Test RB=1RB



Date: 13.JAN.2017 15:17:05



5.1.1.4.2.2 Test RB=15RB



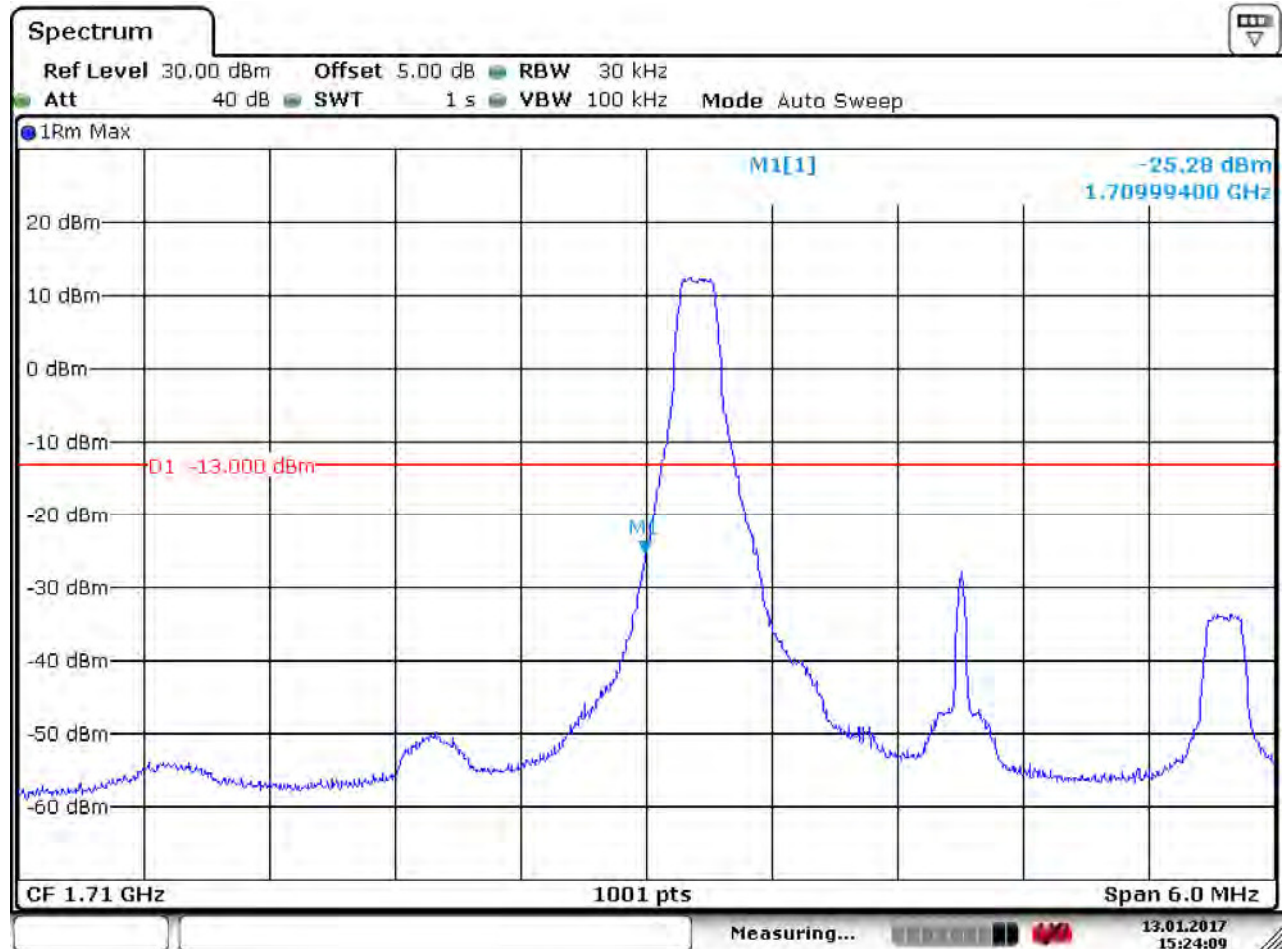
Date: 13.JAN.2017 15:14:24



5.1.1.5 Test Mode = LTE/TM2 3MHz

5.1.1.5.1 Test Channel = LCH

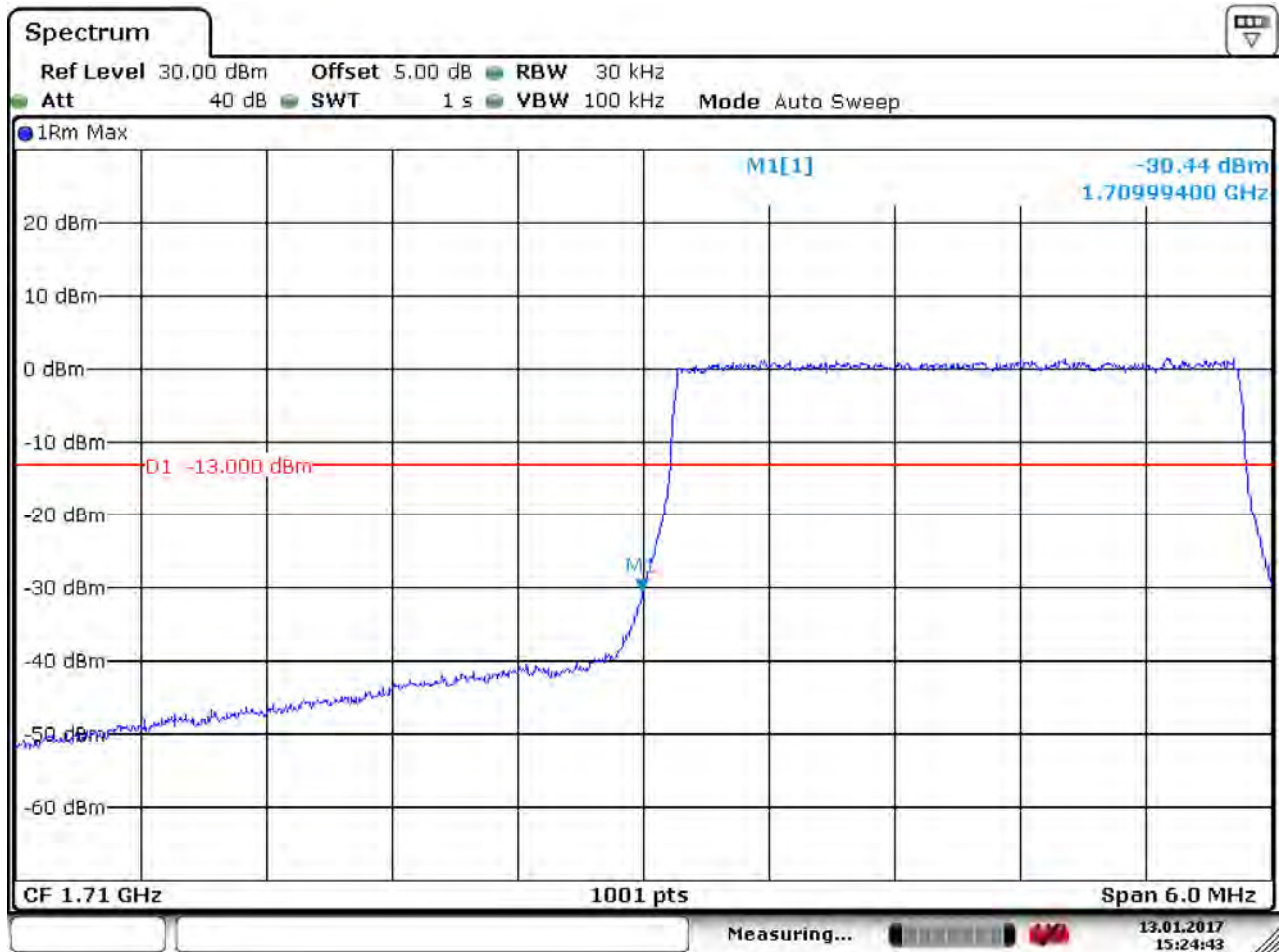
5.1.1.5.1.1 Test RB=1RB



Date: 13.JAN.2017 15:24:09



#### 5.1.1.5.1.2 Test RB=15RB

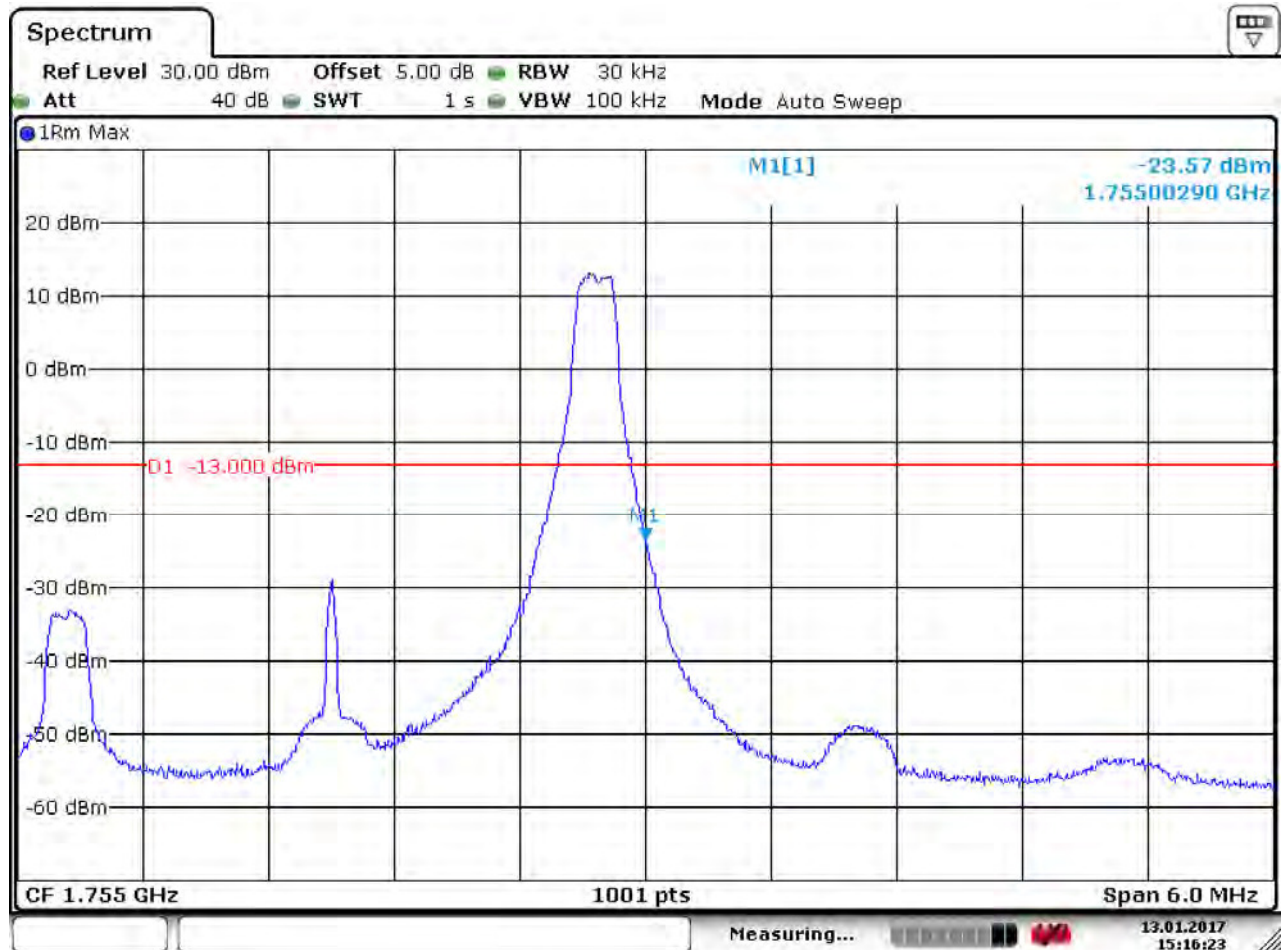


Date: 13.JAN.2017 15:24:44



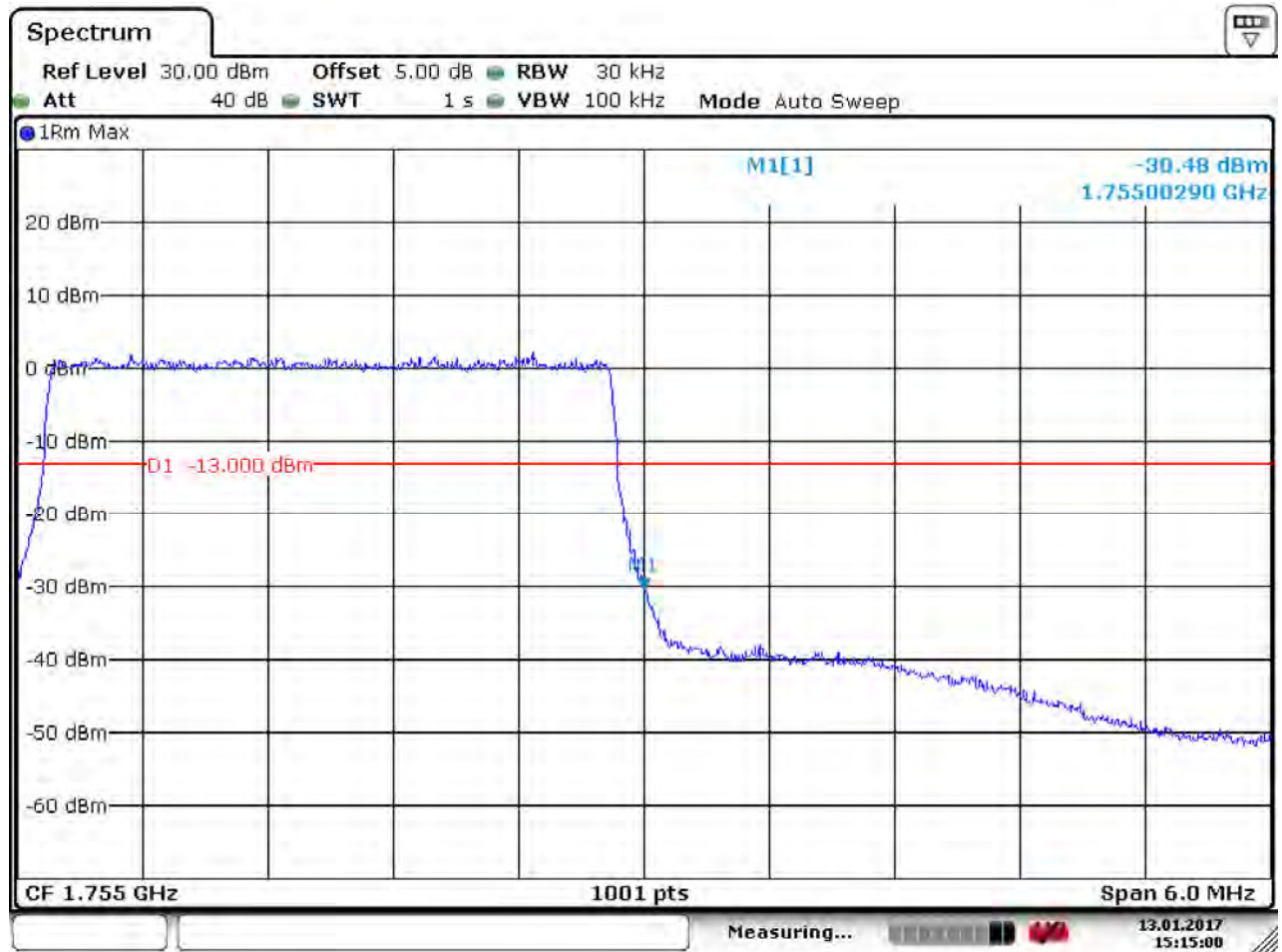
5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB



Date: 13.JAN.2017 15:16:23

### 5.1.1.5.3 Test RB=15RB



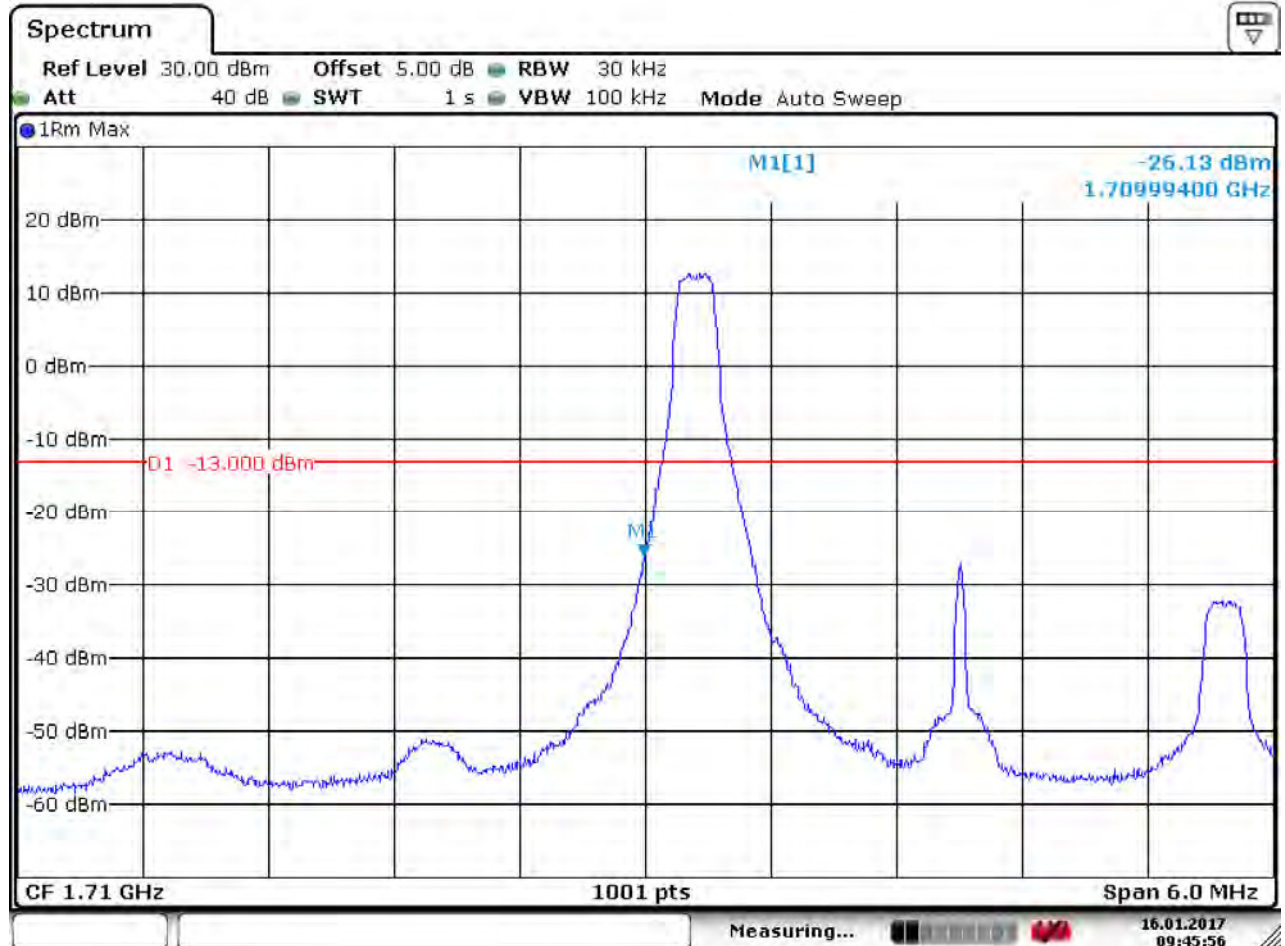
Date: 13.JAN.2017 15:15:01



5.1.1.6 Test Mode = LTE/TM3 3MHz

5.1.1.6.1 Test Channel = LCH

5.1.1.6.2 Test RB=1RB



Date: 16.JAN.2017 09:45:56