



# Appendix B

## E-UTRA Band 2



## CONTENT

|  | Page       |
|--|------------|
| <b>1 EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....</b> | <b>3</b>   |
| <b>2 PEAK-TO-AVERAGE RATIO .....</b>                           | <b>15</b>  |
| 2.1 FOR LTE .....  | 16         |
| 2.1.1 Test Band = LTE band2.....                               | 16         |
| <b>3 MODULATION CHARACTERISTICS .....</b>                      | <b>22</b>  |
| 3.1 FOR LTE .....  | 22         |
| 3.1.1 Test Band = LTE band2.....                               | 22         |
| <b>4 BANDWIDTH .....</b>                                       | <b>34</b>  |
| 4.1 FOR LTE .....  | 35         |
| 4.1.1 Test Band = LTE band2.....                               | 35         |
| <b>5 BAND EDGES COMPLIANCE .....</b>                           | <b>71</b>  |
| 5.1 FOR LTE .....  | 71         |
| 5.1.1 Test Band = LTE band2.....                               | 71         |
| <b>6 SPURIOUS EMISSION AT ANTENNA TERMINAL.....</b>            | <b>119</b> |
| 6.1 FOR LTE .....  | 119        |
| 6.1.1 Test Band = LTE band2.....                               | 119        |
| <b>7 FIELD STRENGTH OF SPURIOUS RADIATION .....</b>            | <b>173</b> |
| 7.1 FOR LTE .....  | 173        |
| 7.1.1 Test Band = LTE band2.....                               | 173        |
| <b>8 FREQUENCY STABILITY .....</b>                             | <b>174</b> |
| 8.1 FREQUENCY ERROR VS. VOLTAGE .....                          | 174        |
| 8.2 FREQUENCY ERROR VS. TEMPERATURE .....                      | 175        |



## 1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 2

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 1.4M           | LCH          | RB1#0   | 22.87          | 22.87      | 33.00       | PASS    |
|                |           |                |              | RB1#2   | 22.96          | 22.96      | 33.00       | PASS    |
|                |           |                |              | RB1#5   | 22.86          | 22.86      | 33.00       | PASS    |
|                |           |                |              | RB3#0   | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB3#2   | 21.94          | 21.94      | 33.00       | PASS    |
|                |           |                |              | RB3#3   | 21.92          | 21.92      | 33.00       | PASS    |
|                |           |                |              | RB6#0   | 21.98          | 21.98      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.87          | 22.87      | 33.00       | PASS    |
|                |           |                |              | RB1#2   | 22.97          | 22.97      | 33.00       | PASS    |
|                |           |                |              | RB1#5   | 22.90          | 22.90      | 33.00       | PASS    |
|                |           |                |              | RB3#0   | 21.97          | 21.97      | 33.00       | PASS    |
|                |           |                |              | RB3#2   | 21.93          | 21.93      | 33.00       | PASS    |
|                |           |                |              | RB3#3   | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB6#0   | 21.97          | 21.97      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.85          | 22.85      | 33.00       | PASS    |
|                |           |                |              | RB1#2   | 22.94          | 22.94      | 33.00       | PASS    |
|                |           |                |              | RB1#5   | 22.84          | 22.84      | 33.00       | PASS    |
|                |           |                |              | RB3#0   | 21.93          | 21.93      | 33.00       | PASS    |
|                |           |                |              | RB3#2   | 21.91          | 21.91      | 33.00       | PASS    |
|                |           |                |              | RB3#3   | 21.90          | 21.90      | 33.00       | PASS    |
|                |           |                |              | RB6#0   | 21.98          | 21.98      | 33.00       | PASS    |



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**Shenzhen Branch**

Report No.: SZEM170800849706

Page: 4 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM2   | 1.4M           | LCH          | RB1#0   | 22.08          | 22.08      | 33.00       | PASS    |
|                |           |                |              | RB1#2   | 22.17          | 22.17      | 33.00       | PASS    |
|                |           |                |              | RB1#5   | 22.09          | 22.09      | 33.00       | PASS    |
|                |           |                |              | RB3#0   | 21.93          | 21.93      | 33.00       | PASS    |
|                |           |                |              | RB3#2   | 21.89          | 21.89      | 33.00       | PASS    |
|                |           |                |              | RB3#3   | 21.91          | 21.91      | 33.00       | PASS    |
|                |           |                |              | RB6#0   | 20.99          | 20.99      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.08          | 22.08      | 33.00       | PASS    |
|                |           |                |              | RB1#2   | 22.18          | 22.18      | 33.00       | PASS    |
|                |           |                |              | RB1#5   | 22.09          | 22.09      | 33.00       | PASS    |
|                |           |                |              | RB3#0   | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB3#2   | 21.92          | 21.92      | 33.00       | PASS    |
|                |           |                |              | RB3#3   | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB6#0   | 21.01          | 21.01      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.01          | 22.01      | 33.00       | PASS    |
|                |           |                |              | RB1#2   | 22.11          | 22.11      | 33.00       | PASS    |
|                |           |                |              | RB1#5   | 22.00          | 22.00      | 33.00       | PASS    |
|                |           |                |              | RB3#0   | 21.90          | 21.90      | 33.00       | PASS    |
|                |           |                |              | RB3#2   | 21.87          | 21.87      | 33.00       | PASS    |
|                |           |                |              | RB3#3   | 21.89          | 21.89      | 33.00       | PASS    |
|                |           |                |              | RB6#0   | 20.95          | 20.95      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 5 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 3M             | LCH          | RB1#0   | 22.88          | 22.88      | 33.00       | PASS    |
|                |           |                |              | RB1#7   | 22.89          | 22.89      | 33.00       | PASS    |
|                |           |                |              | RB1#14  | 22.83          | 22.83      | 33.00       | PASS    |
|                |           |                |              | RB8#0   | 21.97          | 21.97      | 33.00       | PASS    |
|                |           |                |              | RB8#4   | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB8#7   | 21.94          | 21.94      | 33.00       | PASS    |
|                |           |                |              | RB15#0  | 21.96          | 21.96      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.84          | 22.84      | 33.00       | PASS    |
|                |           |                |              | RB1#7   | 22.89          | 22.89      | 33.00       | PASS    |
|                |           |                |              | RB1#14  | 22.83          | 22.83      | 33.00       | PASS    |
|                |           |                |              | RB8#0   | 21.99          | 21.99      | 33.00       | PASS    |
|                |           |                |              | RB8#4   | 21.94          | 21.94      | 33.00       | PASS    |
|                |           |                |              | RB8#7   | 21.96          | 21.96      | 33.00       | PASS    |
|                |           |                |              | RB15#0  | 21.97          | 21.97      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.83          | 22.83      | 33.00       | PASS    |
|                |           |                |              | RB1#7   | 22.85          | 22.85      | 33.00       | PASS    |
|                |           |                |              | RB1#14  | 22.80          | 22.80      | 33.00       | PASS    |
|                |           |                |              | RB8#0   | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB8#4   | 21.94          | 21.94      | 33.00       | PASS    |
|                |           |                |              | RB8#7   | 21.93          | 21.93      | 33.00       | PASS    |
|                |           |                |              | RB15#0  | 21.95          | 21.95      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 6 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM2   | 3M             | LCH          | RB1#0   | 21.98          | 21.98      | 33.00       | PASS    |
|                |           |                |              | RB1#7   | 22.03          | 22.03      | 33.00       | PASS    |
|                |           |                |              | RB1#14  | 21.94          | 21.94      | 33.00       | PASS    |
|                |           |                |              | RB8#0   | 20.90          | 20.90      | 33.00       | PASS    |
|                |           |                |              | RB8#4   | 20.89          | 20.89      | 33.00       | PASS    |
|                |           |                |              | RB8#7   | 20.88          | 20.88      | 33.00       | PASS    |
|                |           |                |              | RB15#0  | 20.85          | 20.85      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 21.98          | 21.98      | 33.00       | PASS    |
|                |           |                |              | RB1#7   | 22.07          | 22.07      | 33.00       | PASS    |
|                |           |                |              | RB1#14  | 22.00          | 22.00      | 33.00       | PASS    |
|                |           |                |              | RB8#0   | 20.94          | 20.94      | 33.00       | PASS    |
|                |           |                |              | RB8#4   | 20.90          | 20.90      | 33.00       | PASS    |
|                |           |                |              | RB8#7   | 20.92          | 20.92      | 33.00       | PASS    |
|                |           |                |              | RB15#0  | 20.89          | 20.89      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 21.98          | 21.98      | 33.00       | PASS    |
|                |           |                |              | RB1#7   | 21.99          | 21.99      | 33.00       | PASS    |
|                |           |                |              | RB1#14  | 21.93          | 21.93      | 33.00       | PASS    |
|                |           |                |              | RB8#0   | 20.86          | 20.86      | 33.00       | PASS    |
|                |           |                |              | RB8#4   | 20.85          | 20.85      | 33.00       | PASS    |
|                |           |                |              | RB8#7   | 20.86          | 20.86      | 33.00       | PASS    |
|                |           |                |              | RB15#0  | 20.82          | 20.82      | 33.00       | PASS    |



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**Shenzhen Branch**

Report No.: SZEM170800849706

Page: 7 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 5M             | LCH          | RB1#0   | 22.81          | 22.81      | 33.00       | PASS    |
|                |           |                |              | RB1#13  | 22.80          | 22.80      | 33.00       | PASS    |
|                |           |                |              | RB1#24  | 22.70          | 22.70      | 33.00       | PASS    |
|                |           |                |              | RB12#0  | 21.89          | 21.89      | 33.00       | PASS    |
|                |           |                |              | RB12#6  | 21.87          | 21.87      | 33.00       | PASS    |
|                |           |                |              | RB12#13 | 21.84          | 21.84      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 21.85          | 21.85      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.82          | 22.82      | 33.00       | PASS    |
|                |           |                |              | RB1#13  | 22.82          | 22.82      | 33.00       | PASS    |
|                |           |                |              | RB1#24  | 22.72          | 22.72      | 33.00       | PASS    |
|                |           |                |              | RB12#0  | 21.91          | 21.91      | 33.00       | PASS    |
|                |           |                |              | RB12#6  | 21.87          | 21.87      | 33.00       | PASS    |
|                |           |                |              | RB12#13 | 21.88          | 21.88      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 21.85          | 21.85      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.78          | 22.78      | 33.00       | PASS    |
|                |           |                |              | RB1#13  | 22.78          | 22.78      | 33.00       | PASS    |
|                |           |                |              | RB1#24  | 22.69          | 22.69      | 33.00       | PASS    |
|                |           |                |              | RB12#0  | 21.87          | 21.87      | 33.00       | PASS    |
|                |           |                |              | RB12#6  | 21.86          | 21.86      | 33.00       | PASS    |
|                |           |                |              | RB12#13 | 21.83          | 21.83      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 21.84          | 21.84      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 8 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM2   | 5M             | LCH          | RB1#0   | 22.13          | 22.13      | 33.00       | PASS    |
|                |           |                |              | RB1#13  | 22.12          | 22.12      | 33.00       | PASS    |
|                |           |                |              | RB1#24  | 22.04          | 22.04      | 33.00       | PASS    |
|                |           |                |              | RB12#0  | 20.96          | 20.96      | 33.00       | PASS    |
|                |           |                |              | RB12#6  | 20.94          | 20.94      | 33.00       | PASS    |
|                |           |                |              | RB12#13 | 20.90          | 20.90      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 20.91          | 20.91      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.15          | 22.15      | 33.00       | PASS    |
|                |           |                |              | RB1#13  | 22.13          | 22.13      | 33.00       | PASS    |
|                |           |                |              | RB1#24  | 22.04          | 22.04      | 33.00       | PASS    |
|                |           |                |              | RB12#0  | 20.96          | 20.96      | 33.00       | PASS    |
|                |           |                |              | RB12#6  | 20.92          | 20.92      | 33.00       | PASS    |
|                |           |                |              | RB12#13 | 20.93          | 20.93      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 20.89          | 20.89      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.08          | 22.08      | 33.00       | PASS    |
|                |           |                |              | RB1#13  | 22.04          | 22.04      | 33.00       | PASS    |
|                |           |                |              | RB1#24  | 21.97          | 21.97      | 33.00       | PASS    |
|                |           |                |              | RB12#0  | 20.88          | 20.88      | 33.00       | PASS    |
|                |           |                |              | RB12#6  | 20.89          | 20.89      | 33.00       | PASS    |
|                |           |                |              | RB12#13 | 20.86          | 20.86      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 20.86          | 20.86      | 33.00       | PASS    |





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

Report No.: SZEM170800849706

Page: 9 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 10M            | LCH          | RB1#0   | 22.83          | 22.83      | 33.00       | PASS    |
|                |           |                |              | RB1#25  | 22.75          | 22.75      | 33.00       | PASS    |
|                |           |                |              | RB1#49  | 22.72          | 22.72      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 21.82          | 21.82      | 33.00       | PASS    |
|                |           |                |              | RB25#13 | 21.79          | 21.79      | 33.00       | PASS    |
|                |           |                |              | RB25#25 | 21.77          | 21.77      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 21.84          | 21.84      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.79          | 22.79      | 33.00       | PASS    |
|                |           |                |              | RB1#25  | 22.74          | 22.74      | 33.00       | PASS    |
|                |           |                |              | RB1#49  | 22.71          | 22.71      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 21.82          | 21.82      | 33.00       | PASS    |
|                |           |                |              | RB25#13 | 21.79          | 21.79      | 33.00       | PASS    |
|                |           |                |              | RB25#25 | 21.77          | 21.77      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 21.81          | 21.81      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.75          | 22.75      | 33.00       | PASS    |
|                |           |                |              | RB1#25  | 22.71          | 22.71      | 33.00       | PASS    |
|                |           |                |              | RB1#49  | 22.66          | 22.66      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 21.80          | 21.80      | 33.00       | PASS    |
|                |           |                |              | RB25#13 | 21.78          | 21.78      | 33.00       | PASS    |
|                |           |                |              | RB25#25 | 21.75          | 21.75      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 21.79          | 21.79      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 10 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM2   | 10M            | LCH          | RB1#0   | 22.08          | 22.08      | 33.00       | PASS    |
|                |           |                |              | RB1#25  | 21.99          | 21.99      | 33.00       | PASS    |
|                |           |                |              | RB1#49  | 21.99          | 21.99      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 20.82          | 20.82      | 33.00       | PASS    |
|                |           |                |              | RB25#13 | 20.79          | 20.79      | 33.00       | PASS    |
|                |           |                |              | RB25#25 | 20.79          | 20.79      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 20.82          | 20.82      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.05          | 22.05      | 33.00       | PASS    |
|                |           |                |              | RB1#25  | 21.98          | 21.98      | 33.00       | PASS    |
|                |           |                |              | RB1#49  | 21.94          | 21.94      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 20.83          | 20.83      | 33.00       | PASS    |
|                |           |                |              | RB25#13 | 20.81          | 20.81      | 33.00       | PASS    |
|                |           |                |              | RB25#25 | 20.78          | 20.78      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 20.81          | 20.81      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 21.99          | 21.99      | 33.00       | PASS    |
|                |           |                |              | RB1#25  | 21.95          | 21.95      | 33.00       | PASS    |
|                |           |                |              | RB1#49  | 21.89          | 21.89      | 33.00       | PASS    |
|                |           |                |              | RB25#0  | 20.80          | 20.80      | 33.00       | PASS    |
|                |           |                |              | RB25#13 | 20.78          | 20.78      | 33.00       | PASS    |
|                |           |                |              | RB25#25 | 20.75          | 20.75      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 20.79          | 20.79      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 11 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 15M            | LCH          | RB1#0   | 22.90          | 22.90      | 33.00       | PASS    |
|                |           |                |              | RB1#38  | 22.82          | 22.82      | 33.00       | PASS    |
|                |           |                |              | RB1#74  | 22.78          | 22.78      | 33.00       | PASS    |
|                |           |                |              | RB36#0  | 21.93          | 21.93      | 33.00       | PASS    |
|                |           |                |              | RB36#18 | 21.87          | 21.87      | 33.00       | PASS    |
|                |           |                |              | RB36#39 | 21.84          | 21.84      | 33.00       | PASS    |
|                |           |                |              | RB75#0  | 21.88          | 21.88      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.88          | 22.88      | 33.00       | PASS    |
|                |           |                |              | RB1#38  | 22.81          | 22.81      | 33.00       | PASS    |
|                |           |                |              | RB1#74  | 22.80          | 22.80      | 33.00       | PASS    |
|                |           |                |              | RB36#0  | 21.92          | 21.92      | 33.00       | PASS    |
|                |           |                |              | RB36#18 | 21.87          | 21.87      | 33.00       | PASS    |
|                |           |                |              | RB36#39 | 21.86          | 21.86      | 33.00       | PASS    |
|                |           |                |              | RB75#0  | 21.88          | 21.88      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.82          | 22.82      | 33.00       | PASS    |
|                |           |                |              | RB1#38  | 22.75          | 22.75      | 33.00       | PASS    |
|                |           |                |              | RB1#74  | 22.73          | 22.73      | 33.00       | PASS    |
|                |           |                |              | RB36#0  | 21.88          | 21.88      | 33.00       | PASS    |
|                |           |                |              | RB36#18 | 21.86          | 21.86      | 33.00       | PASS    |
|                |           |                |              | RB36#39 | 21.83          | 21.83      | 33.00       | PASS    |
|                |           |                |              | RB75#0  | 21.86          | 21.86      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 12 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM2   | 15M            | LCH          | RB1#0   | 22.15          | 22.15      | 33.00       | PASS    |
|                |           |                |              | RB1#38  | 22.08          | 22.08      | 33.00       | PASS    |
|                |           |                |              | RB1#74  | 22.04          | 22.04      | 33.00       | PASS    |
|                |           |                |              | RB36#0  | 20.93          | 20.93      | 33.00       | PASS    |
|                |           |                |              | RB36#18 | 20.90          | 20.90      | 33.00       | PASS    |
|                |           |                |              | RB36#39 | 20.85          | 20.85      | 33.00       | PASS    |
|                |           |                |              | RB75#0  | 20.91          | 20.91      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.15          | 22.15      | 33.00       | PASS    |
|                |           |                |              | RB1#38  | 22.06          | 22.06      | 33.00       | PASS    |
|                |           |                |              | RB1#74  | 22.08          | 22.08      | 33.00       | PASS    |
|                |           |                |              | RB36#0  | 20.93          | 20.93      | 33.00       | PASS    |
|                |           |                |              | RB36#18 | 20.89          | 20.89      | 33.00       | PASS    |
|                |           |                |              | RB36#39 | 20.88          | 20.88      | 33.00       | PASS    |
|                |           |                |              | RB75#0  | 20.89          | 20.89      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.10          | 22.10      | 33.00       | PASS    |
|                |           |                |              | RB1#38  | 22.02          | 22.02      | 33.00       | PASS    |
|                |           |                |              | RB1#74  | 21.98          | 21.98      | 33.00       | PASS    |
|                |           |                |              | RB36#0  | 20.85          | 20.85      | 33.00       | PASS    |
|                |           |                |              | RB36#18 | 20.84          | 20.84      | 33.00       | PASS    |
|                |           |                |              | RB36#39 | 20.83          | 20.83      | 33.00       | PASS    |
|                |           |                |              | RB75#0  | 20.82          | 20.82      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 13 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 20M            | LCH          | RB1#0   | 22.91          | 22.91      | 33.00       | PASS    |
|                |           |                |              | RB1#50  | 22.79          | 22.79      | 33.00       | PASS    |
|                |           |                |              | RB1#99  | 22.83          | 22.83      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 21.78          | 21.78      | 33.00       | PASS    |
|                |           |                |              | RB50#25 | 21.75          | 21.75      | 33.00       | PASS    |
|                |           |                |              | RB50#50 | 21.72          | 21.72      | 33.00       | PASS    |
|                |           |                |              | RB100#0 | 21.75          | 21.75      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.89          | 22.89      | 33.00       | PASS    |
|                |           |                |              | RB1#50  | 22.79          | 22.79      | 33.00       | PASS    |
|                |           |                |              | RB1#99  | 22.86          | 22.86      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 21.81          | 21.81      | 33.00       | PASS    |
|                |           |                |              | RB50#25 | 21.77          | 21.77      | 33.00       | PASS    |
|                |           |                |              | RB50#50 | 21.76          | 21.76      | 33.00       | PASS    |
|                |           |                |              | RB100#0 | 21.77          | 21.77      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.88          | 22.88      | 33.00       | PASS    |
|                |           |                |              | RB1#50  | 22.85          | 22.85      | 33.00       | PASS    |
|                |           |                |              | RB1#99  | 22.78          | 22.78      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 21.82          | 21.82      | 33.00       | PASS    |
|                |           |                |              | RB50#25 | 21.74          | 21.74      | 33.00       | PASS    |
|                |           |                |              | RB50#50 | 21.76          | 21.76      | 33.00       | PASS    |
|                |           |                |              | RB100#0 | 21.77          | 21.77      | 33.00       | PASS    |



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

Report No.: SZEM170800849706

Page: 14 of 177

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM2   | 20M            | LCH          | RB1#0   | 22.38          | 22.38      | 33.00       | PASS    |
|                |           |                |              | RB1#50  | 22.31          | 22.31      | 33.00       | PASS    |
|                |           |                |              | RB1#99  | 22.23          | 22.23      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 20.84          | 20.84      | 33.00       | PASS    |
|                |           |                |              | RB50#25 | 20.77          | 20.77      | 33.00       | PASS    |
|                |           |                |              | RB50#50 | 20.76          | 20.76      | 33.00       | PASS    |
|                |           |                |              | RB100#0 | 20.84          | 20.84      | 33.00       | PASS    |
|                |           |                | MCH          | RB1#0   | 22.23          | 22.23      | 33.00       | PASS    |
|                |           |                |              | RB1#50  | 22.22          | 22.22      | 33.00       | PASS    |
|                |           |                |              | RB1#99  | 22.28          | 22.28      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 20.82          | 20.82      | 33.00       | PASS    |
|                |           |                |              | RB50#25 | 20.83          | 20.83      | 33.00       | PASS    |
|                |           |                |              | RB50#50 | 20.83          | 20.83      | 33.00       | PASS    |
|                |           |                |              | RB100#0 | 20.80          | 20.80      | 33.00       | PASS    |
|                |           |                | HCH          | RB1#0   | 22.21          | 22.21      | 33.00       | PASS    |
|                |           |                |              | RB1#50  | 22.12          | 22.12      | 33.00       | PASS    |
|                |           |                |              | RB1#99  | 22.13          | 22.13      | 33.00       | PASS    |
|                |           |                |              | RB50#0  | 20.83          | 20.83      | 33.00       | PASS    |
|                |           |                |              | RB50#25 | 20.82          | 20.82      | 33.00       | PASS    |
|                |           |                |              | RB50#50 | 20.81          | 20.81      | 33.00       | PASS    |
|                |           |                |              | RB100#0 | 20.81          | 20.81      | 33.00       | 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



## 2 Peak-to-Average Ratio

### Part I - Test Results

| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
|-----------|-----------|--------------|--------------|------------|---------|
| Band 2    | TM1/20M   | LCH          | 4.75         | 13         | PASS    |
|           |           | MCH          | 4.96         | 13         | PASS    |
|           |           | HCH          | 5.04         | 13         | PASS    |
|           | TM2/20M   | LCH          | 5.74         | 13         | PASS    |
|           |           | MCH          | 5.88         | 13         | PASS    |
|           |           | HCH          | 5.94         | 13         | PASS    |



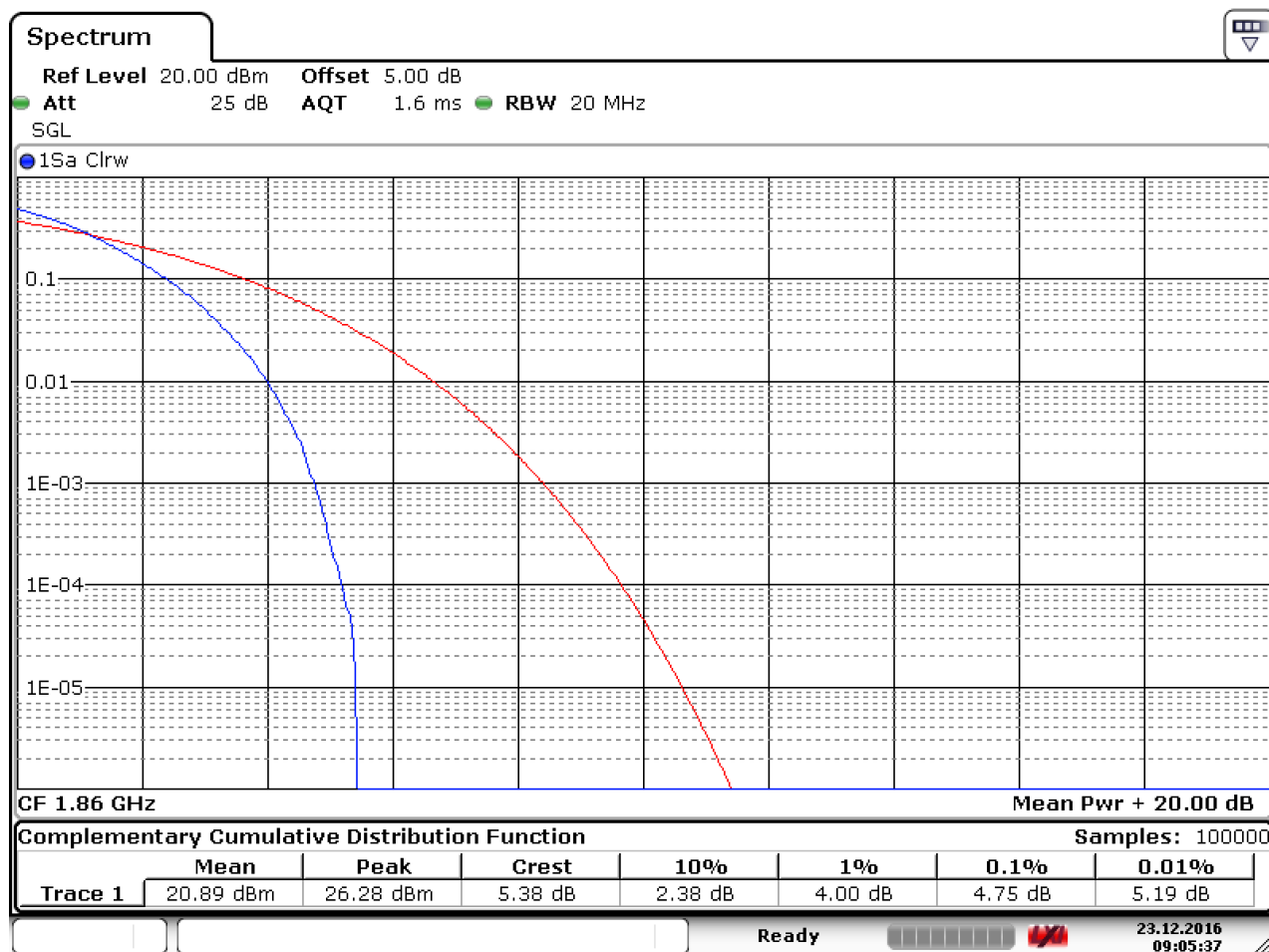
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band2

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

2.1.1.1.1 Test Channel = LCH

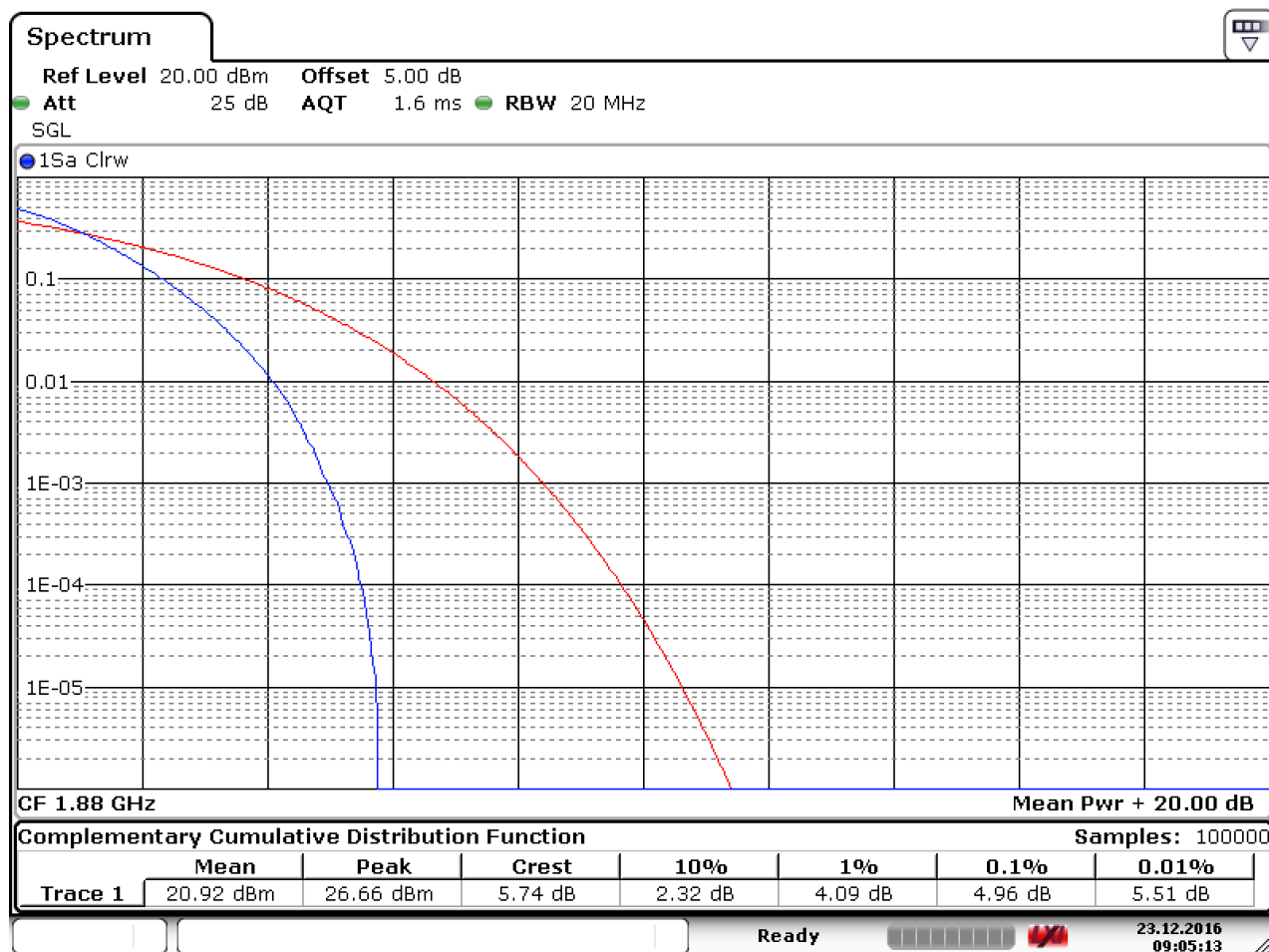


Date: 23.DEC.2016 09:05:38





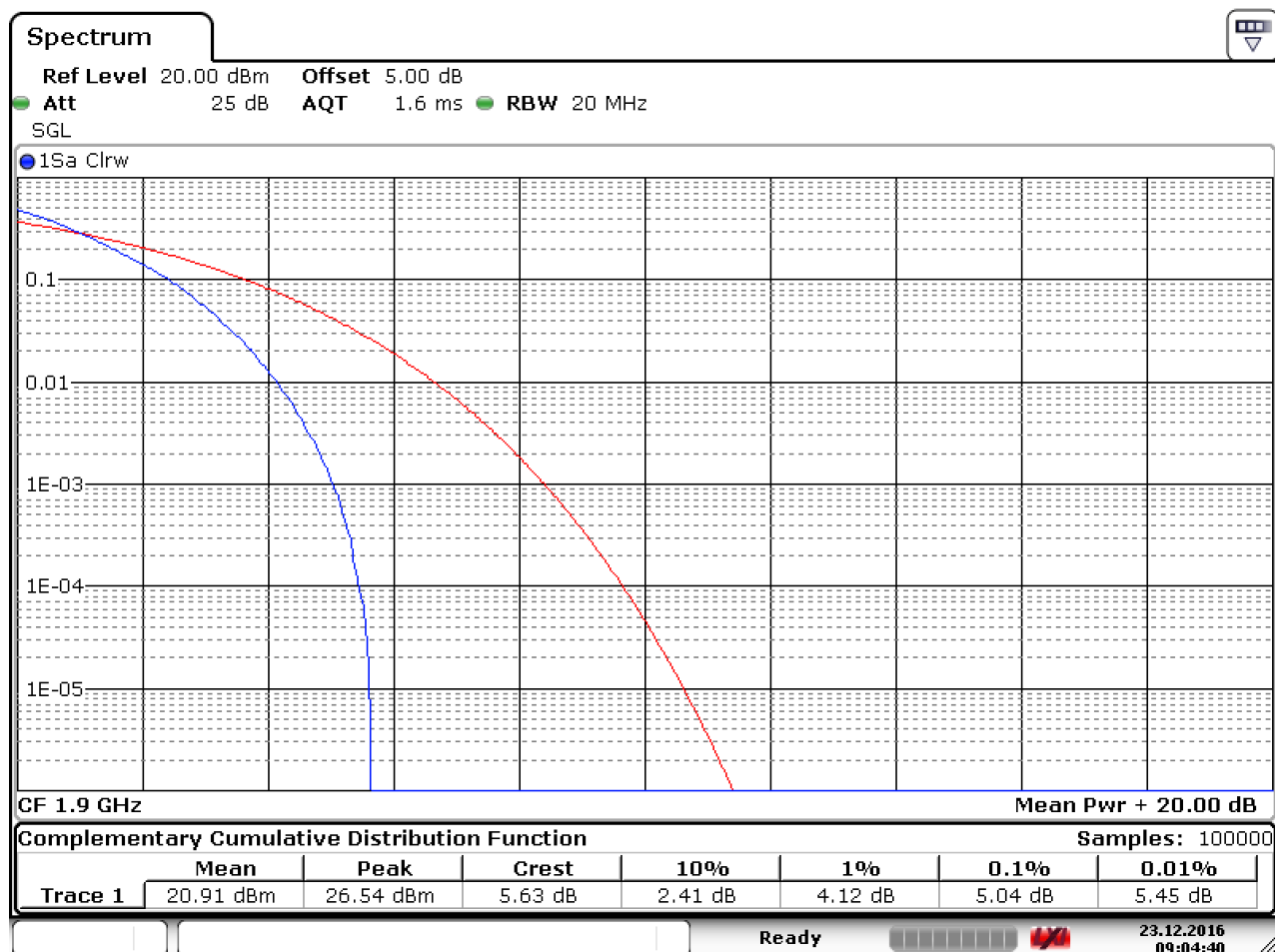
2.1.1.1.2 Test Channel = MCH



Date: 23.DEC.2016 09:05:14



2.1.1.1.3 Test Channel = HCH

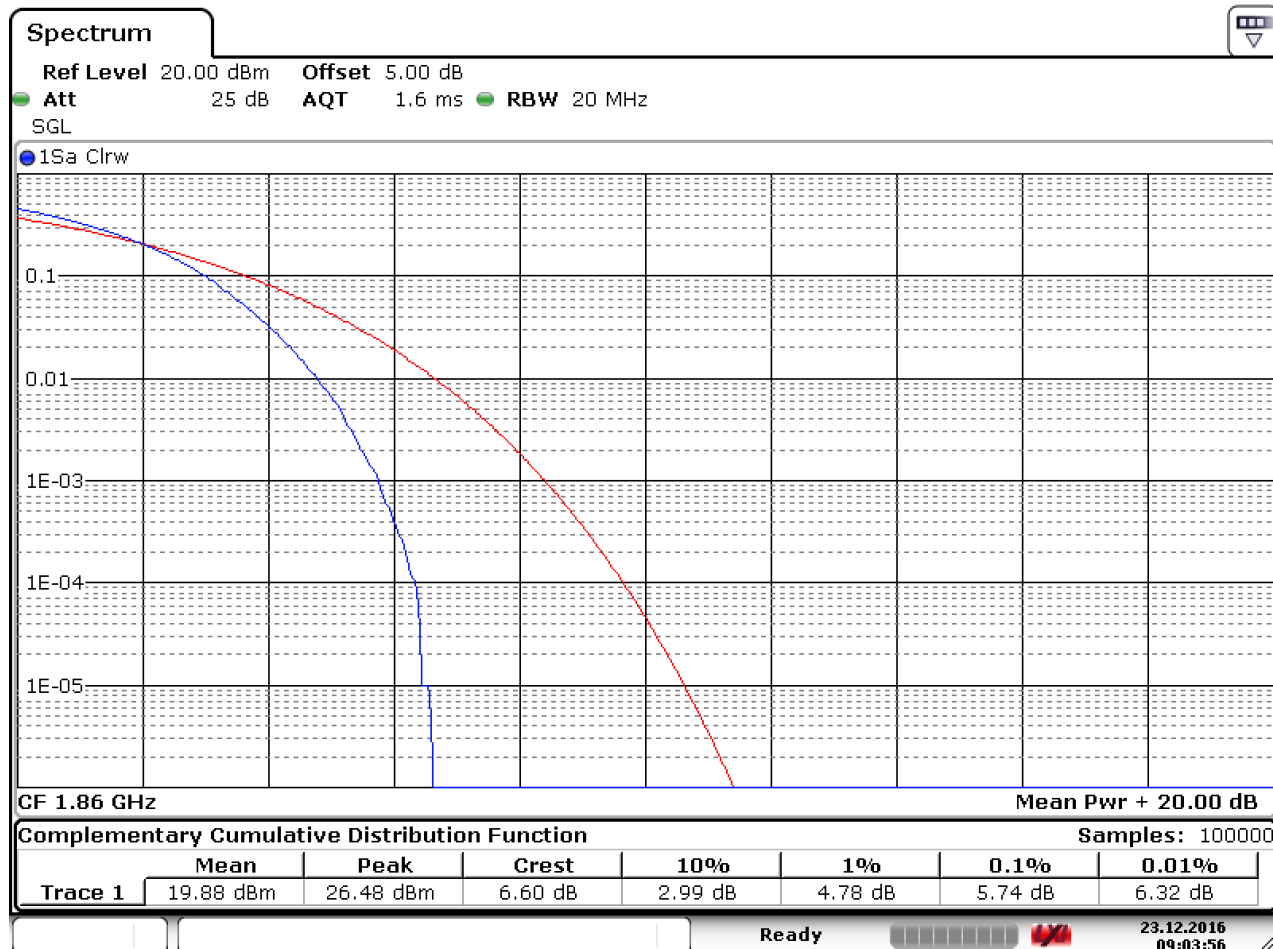


Date: 23.DEC.2016 09:04:40



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

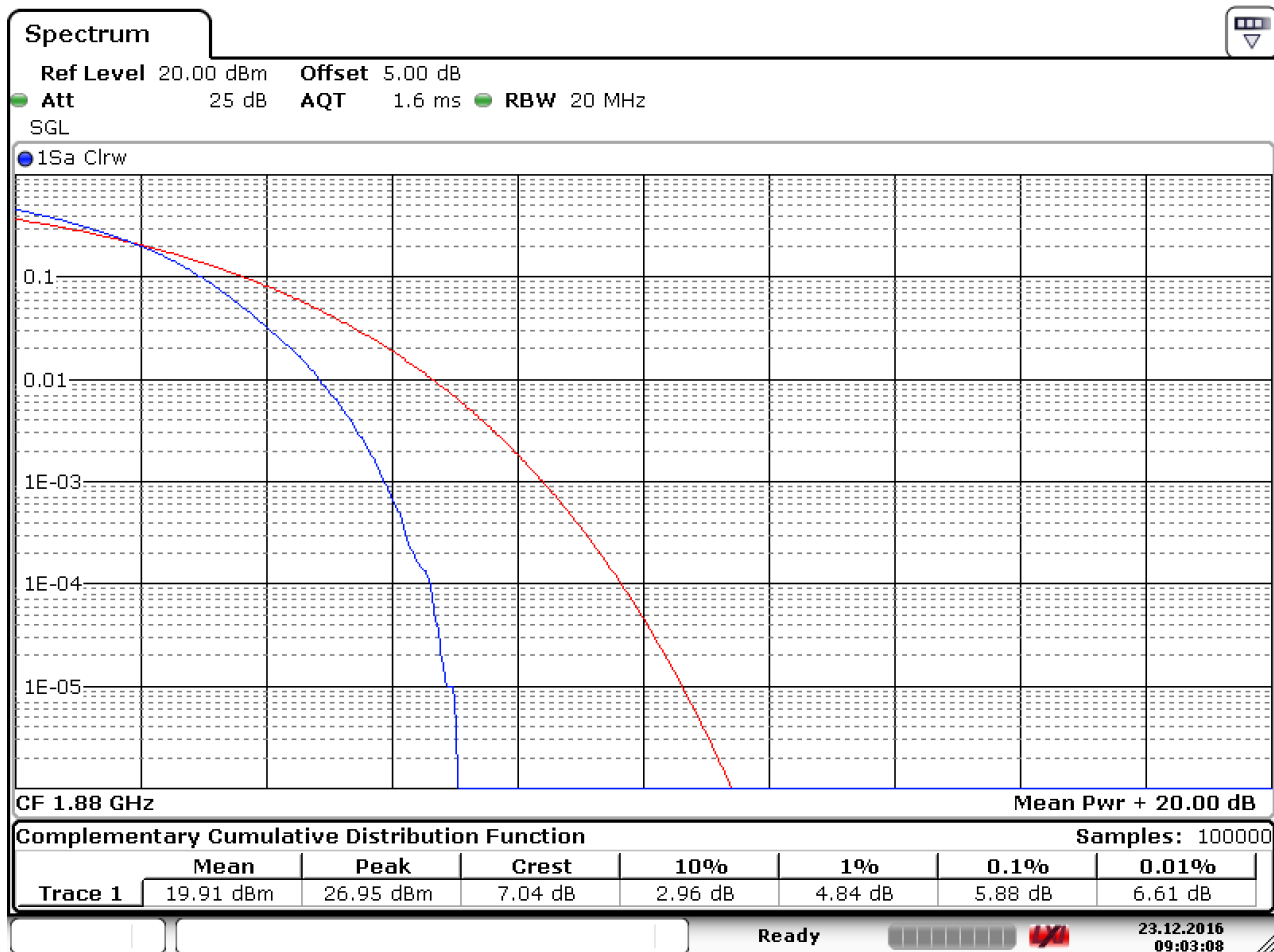
2.1.1.2.1 Test Channel = LCH



Date: 23.DEC.2016 09:03:56



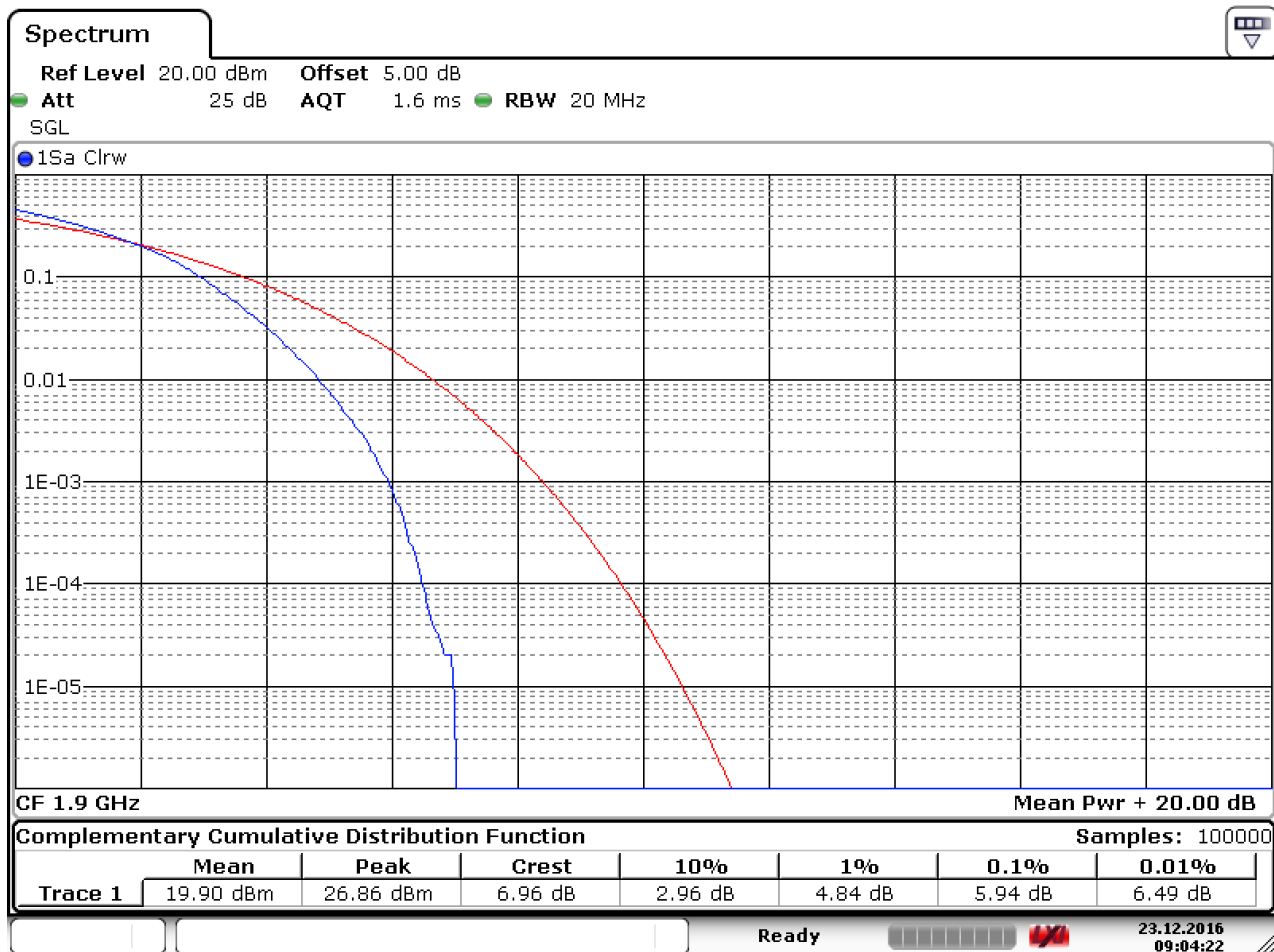
2.1.1.2.2 Test Channel = MCH



Date: 23.DEC.2016 09:03:08



2.1.1.2.3 Test Channel = HCH



Date: 23.DEC.2016 09:04:22



### 3 Modulation Characteristics

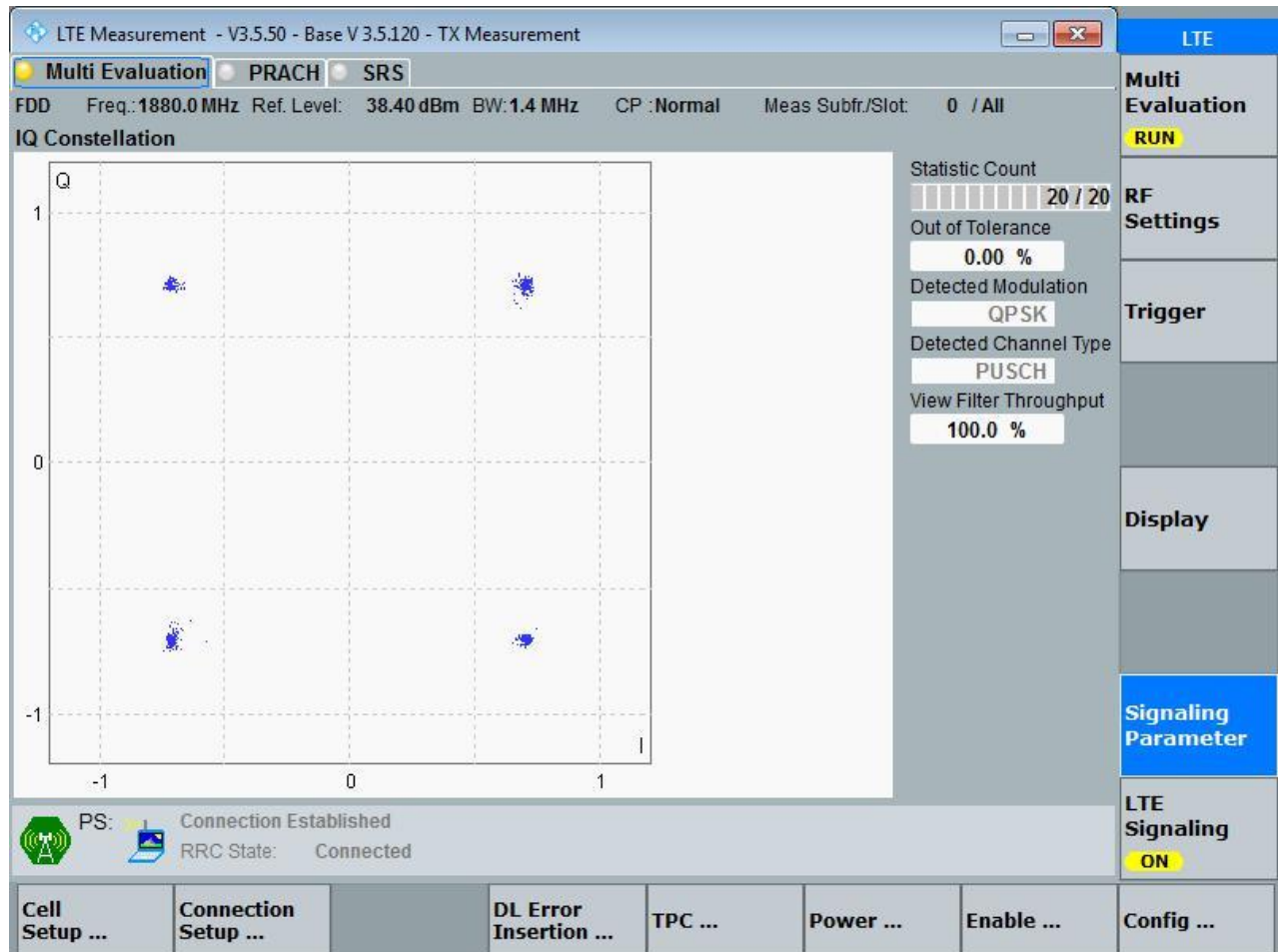
#### Part I - Test Plots

#### 3.1 For LTE

##### 3.1.1 Test Band = LTE band2

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

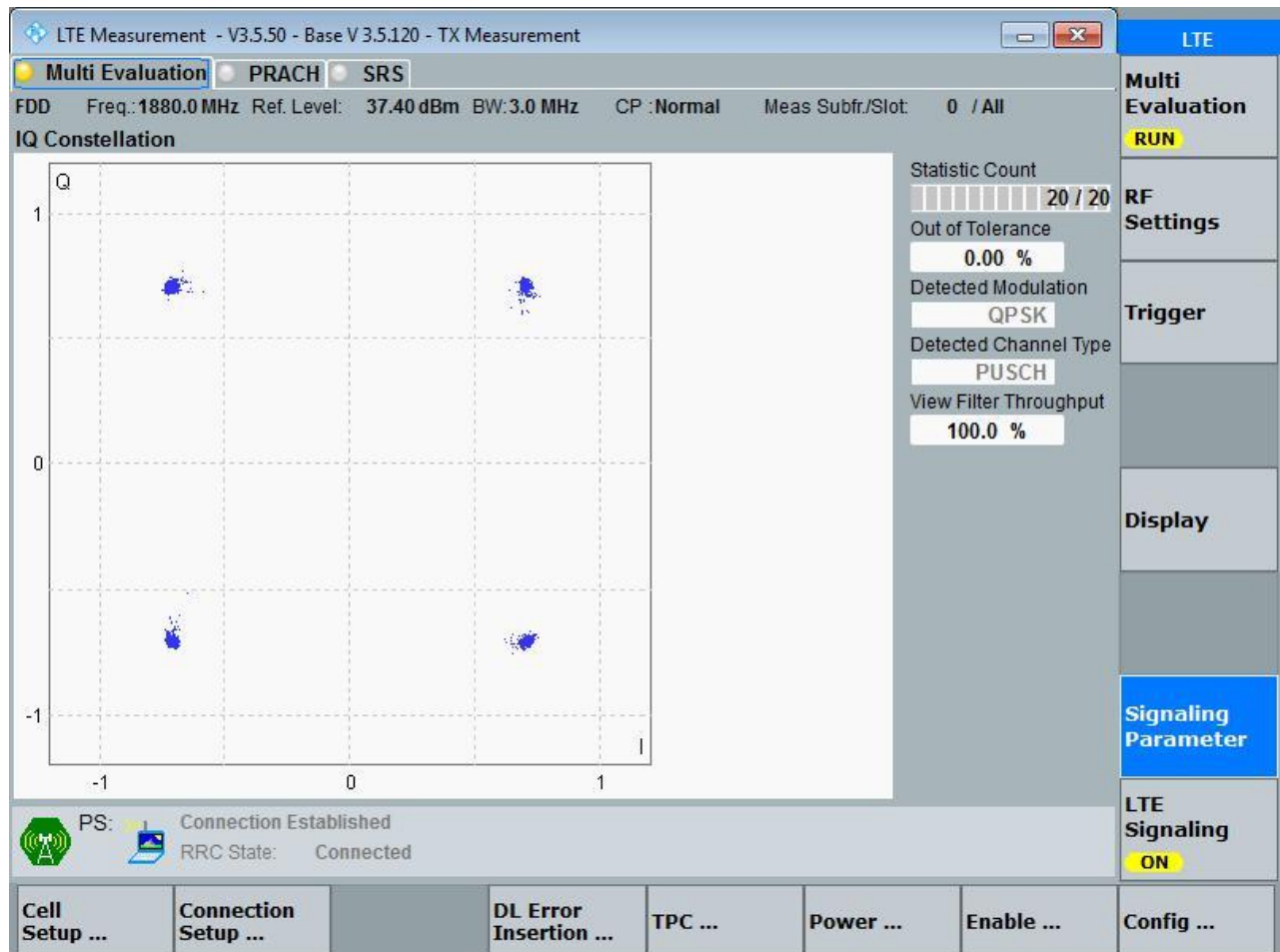
##### 3.1.1.1.1 Test Channel = MCH





3.1.1.2 Test Mode = LTE /TM1 3MHz

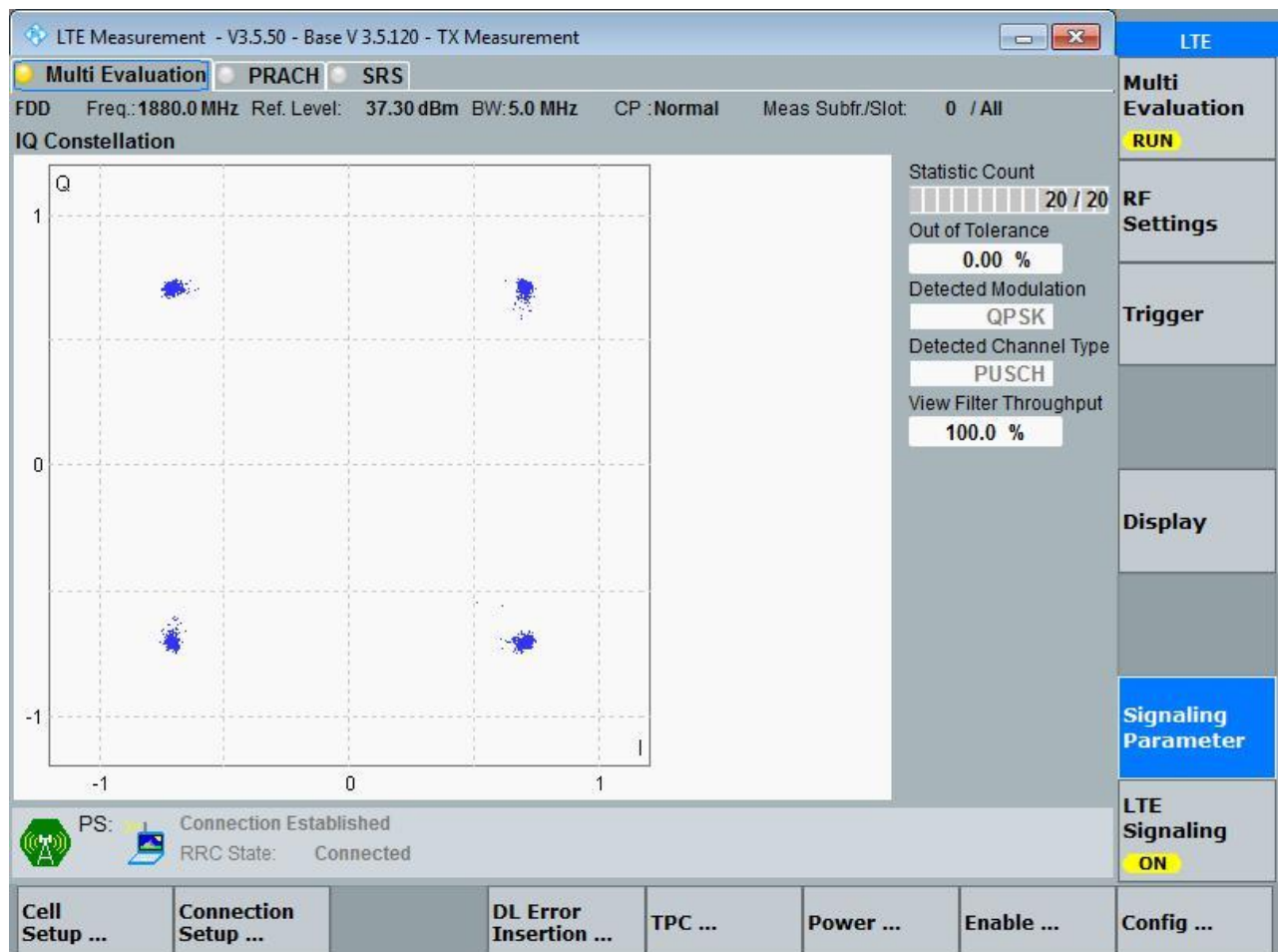
3.1.1.2.1 Test Channel = MCH





3.1.1.3 Test Mode = LTE /TM1 5MHz

3.1.1.3.1 Test Channel = MCH

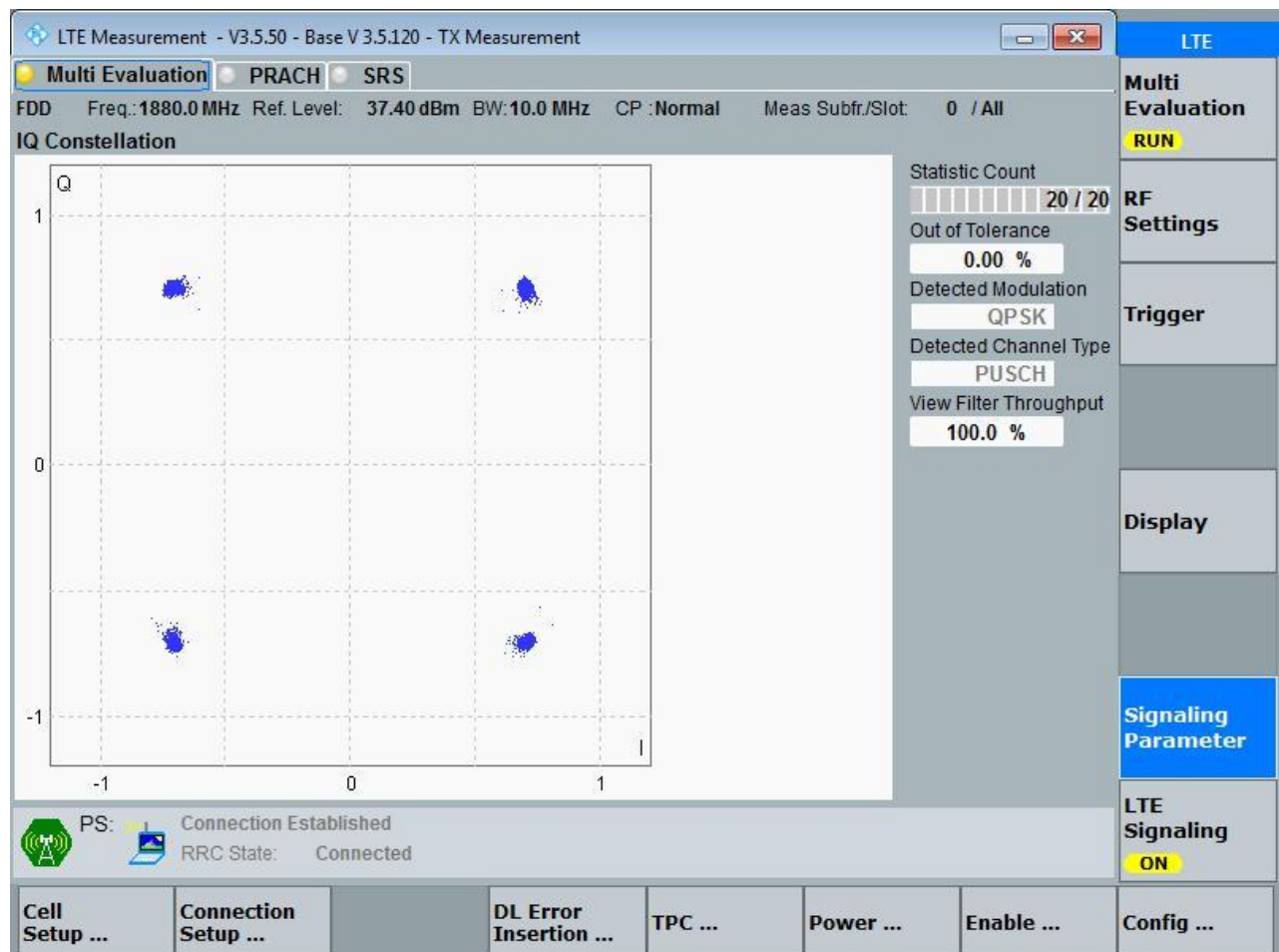






3.1.1.4 Test Mode = LTE /TM1 10MHz

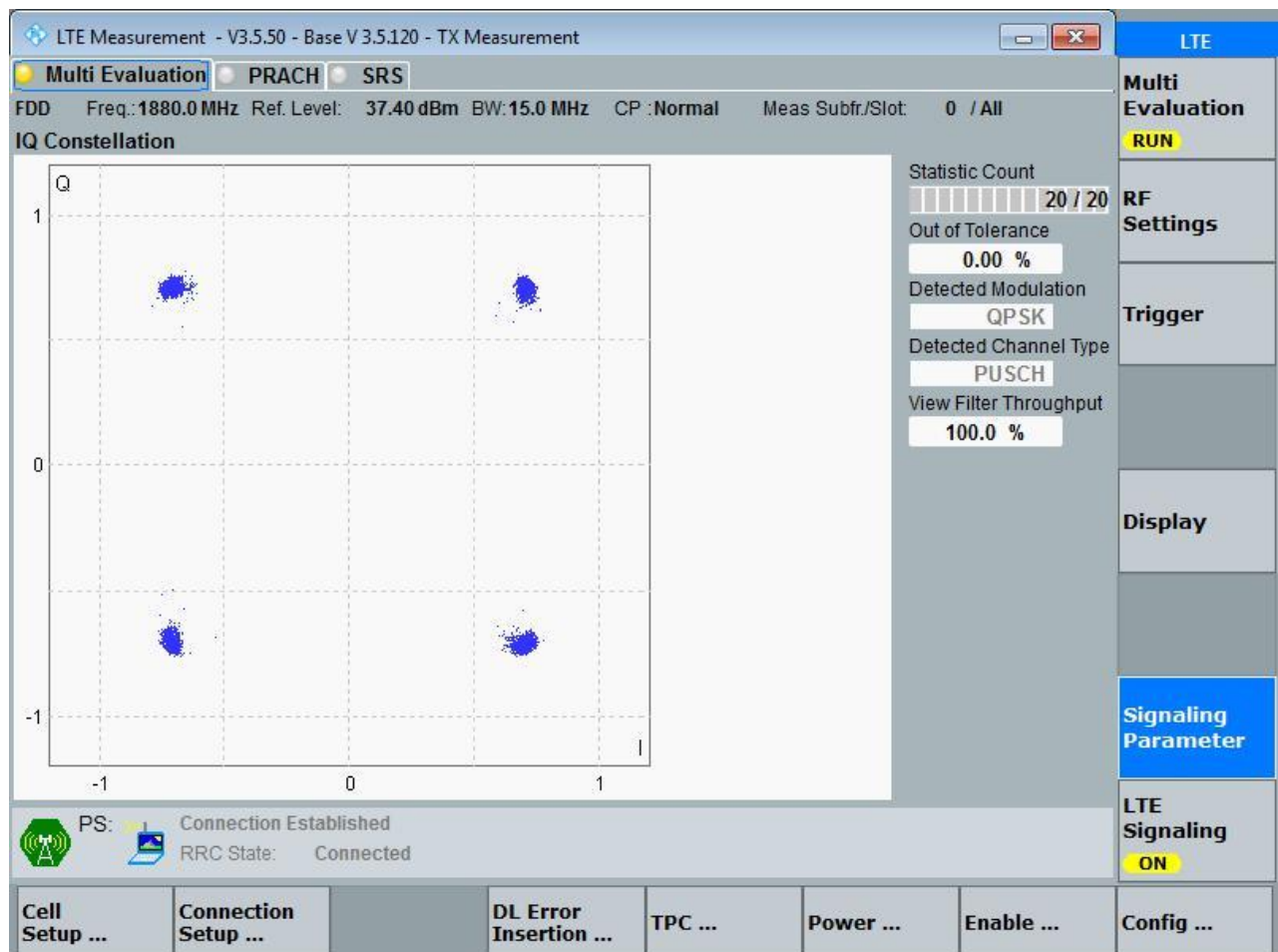
3.1.1.4.1 Test Channel = MCH





3.1.1.5 Test Mode = LTE /TM1 15MHz

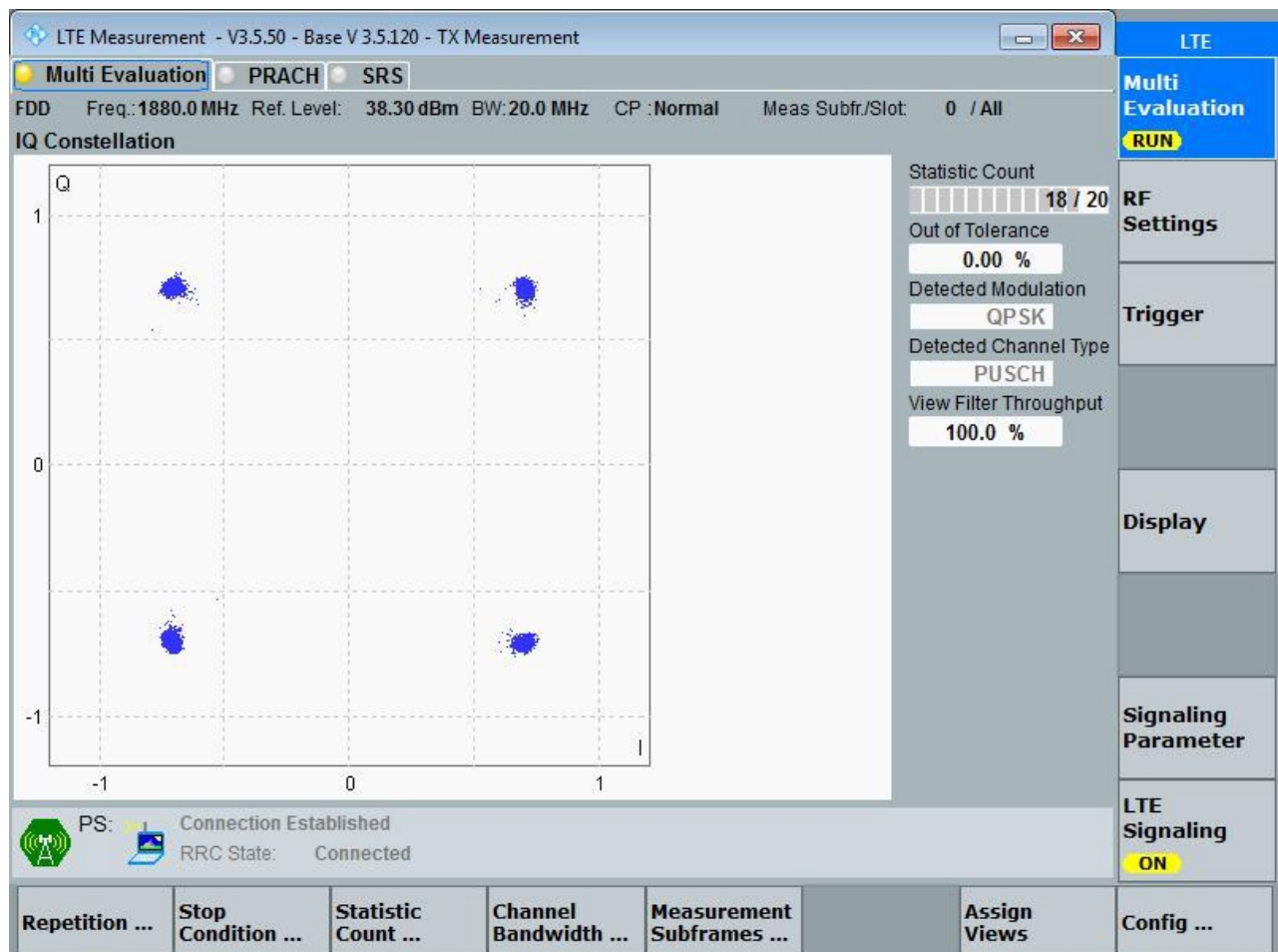
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM1 20MHz

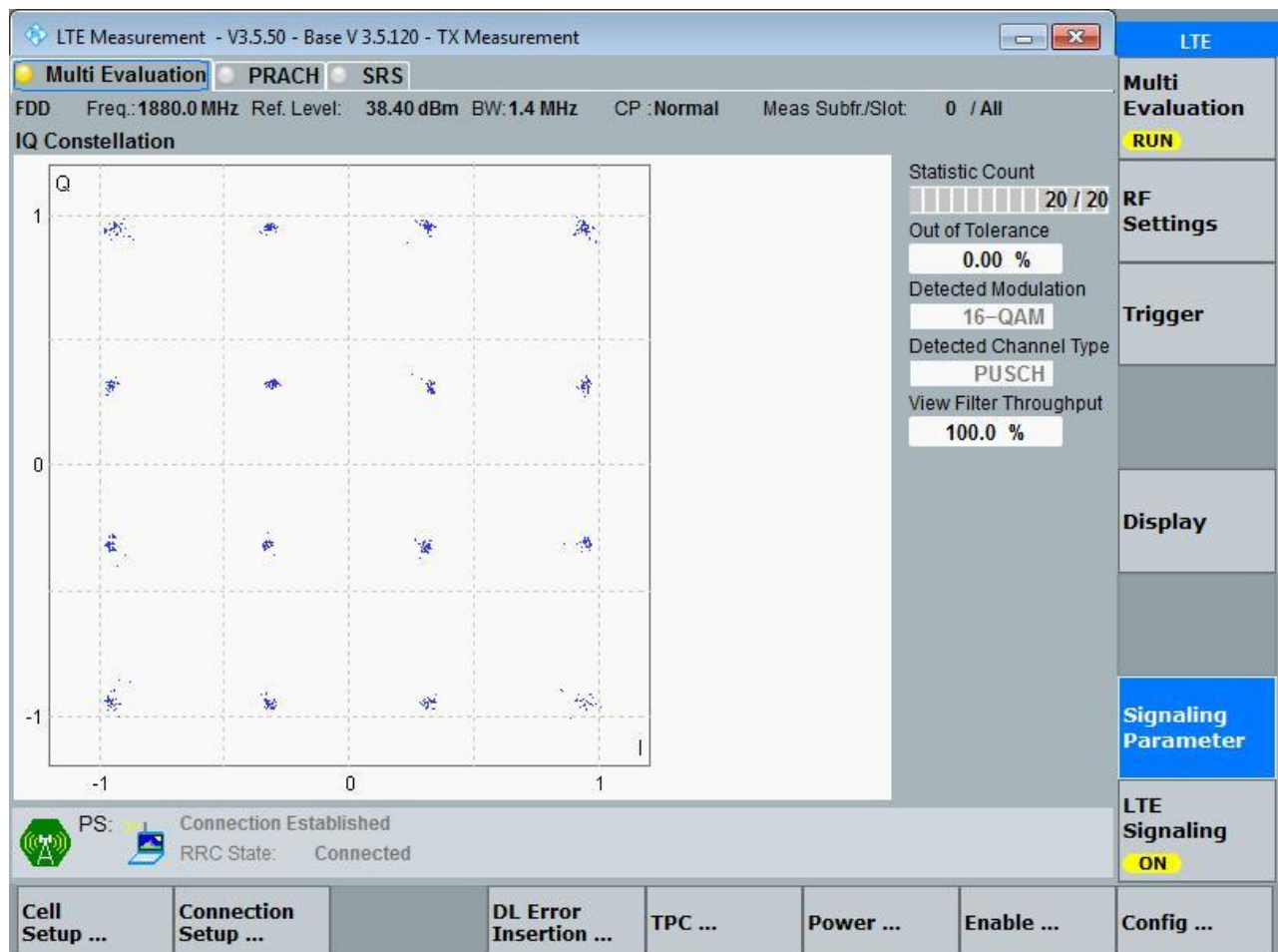
3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 1.4MHz

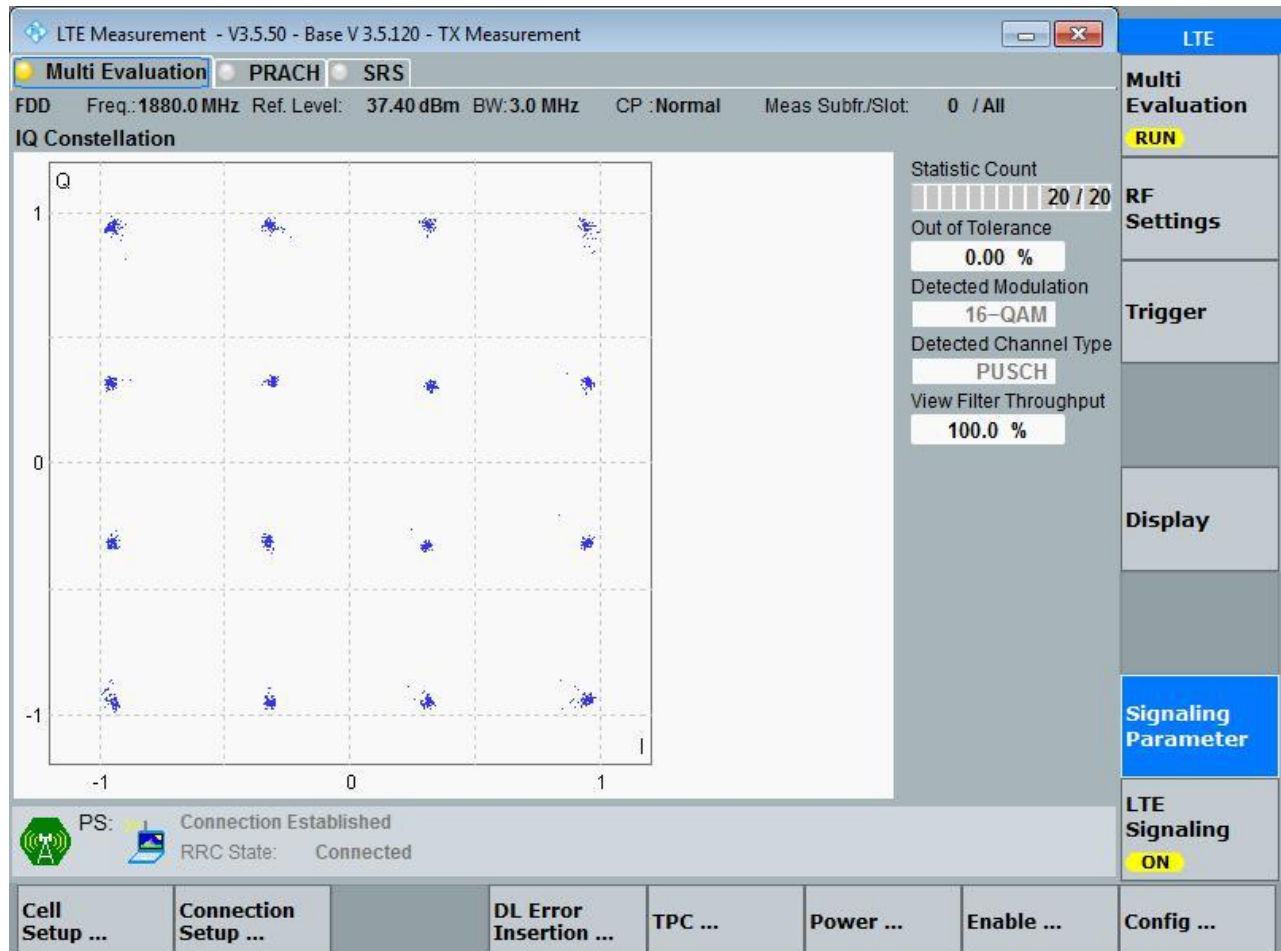
3.1.1.7.1 Test Channel = MCH





3.1.1.8 Test Mode = LTE /TM2 3MHz

3.1.1.8.1 Test Channel = MCH

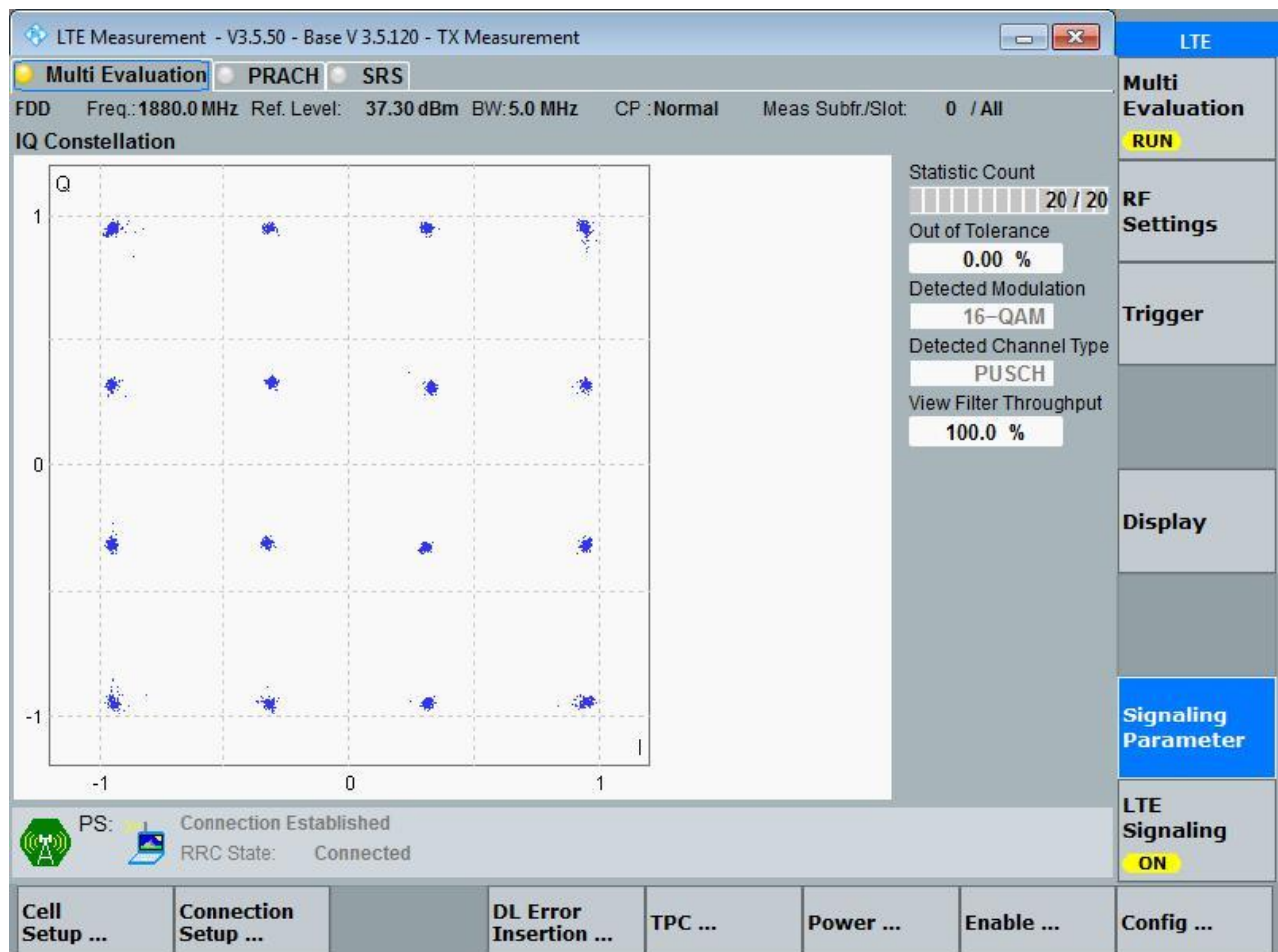






3.1.1.9 Test Mode = LTE /TM2 5MHz

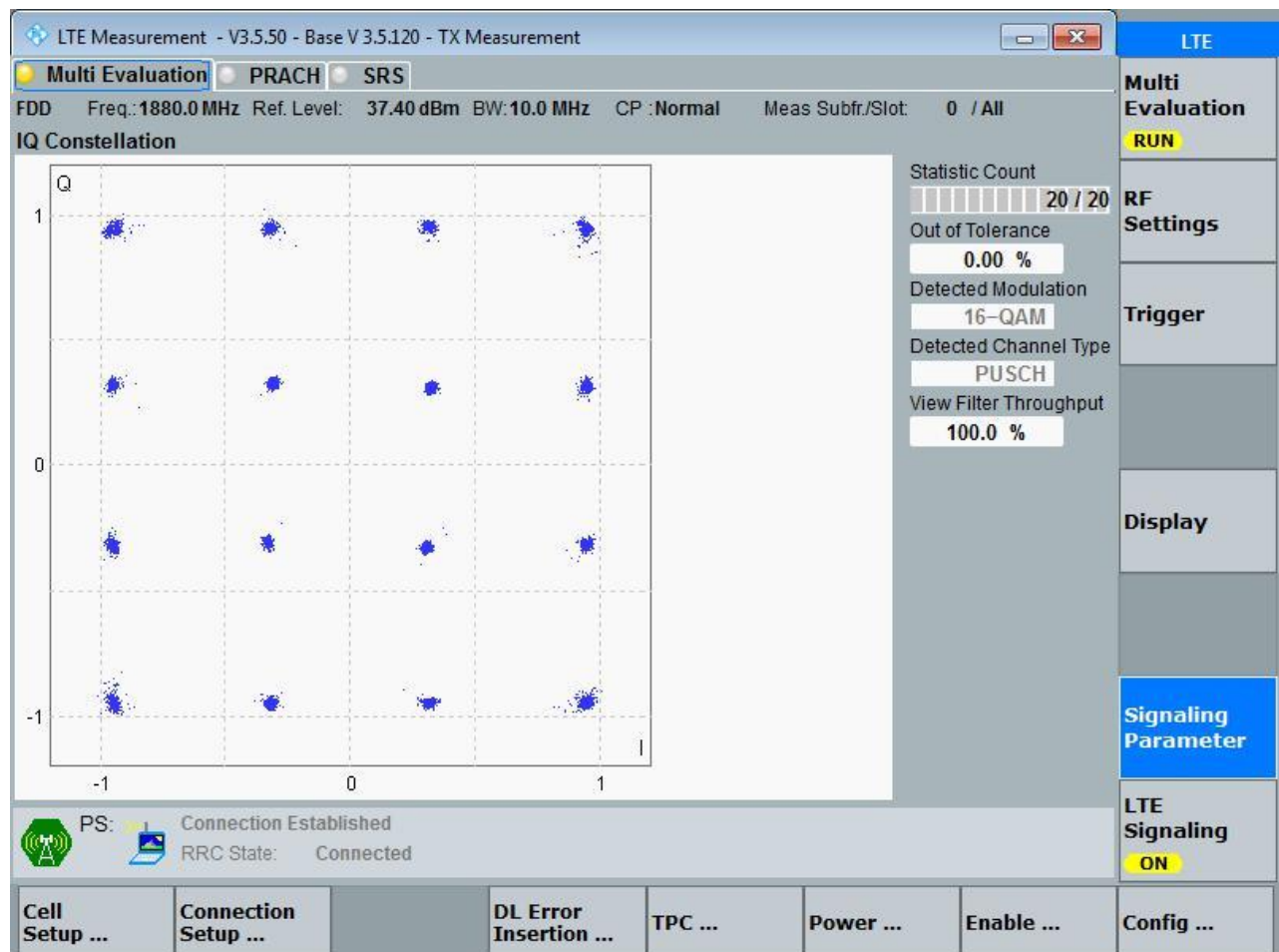
3.1.1.9.1 Test Channel = MCH





3.1.1.10 Test Mode = LTE /TM2 10MHz

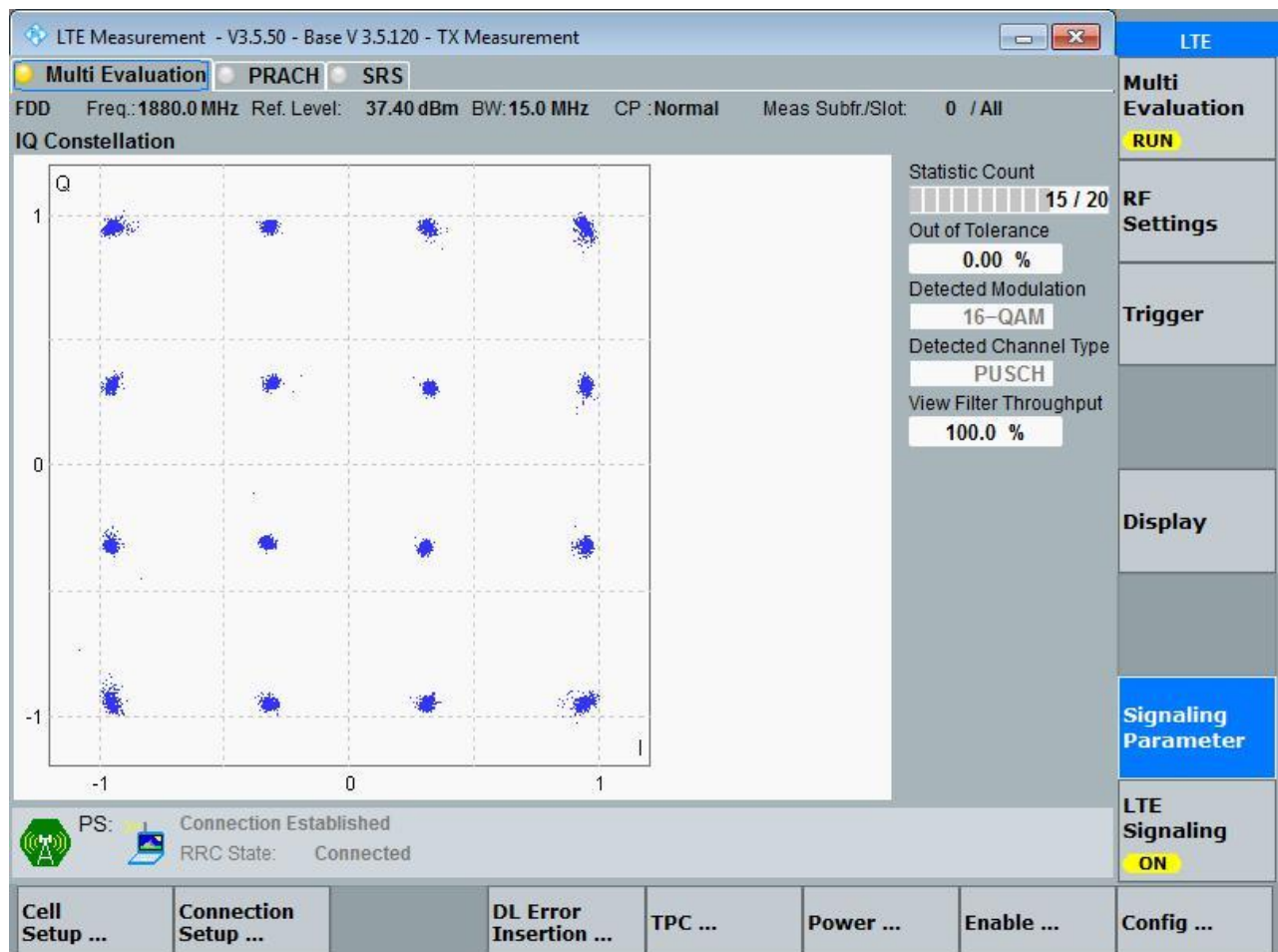
3.1.1.10.1 Test Channel = MCH





3.1.1.11 Test Mode = LTE /TM2 15MHz

3.1.1.11.1 Test Channel = MCH

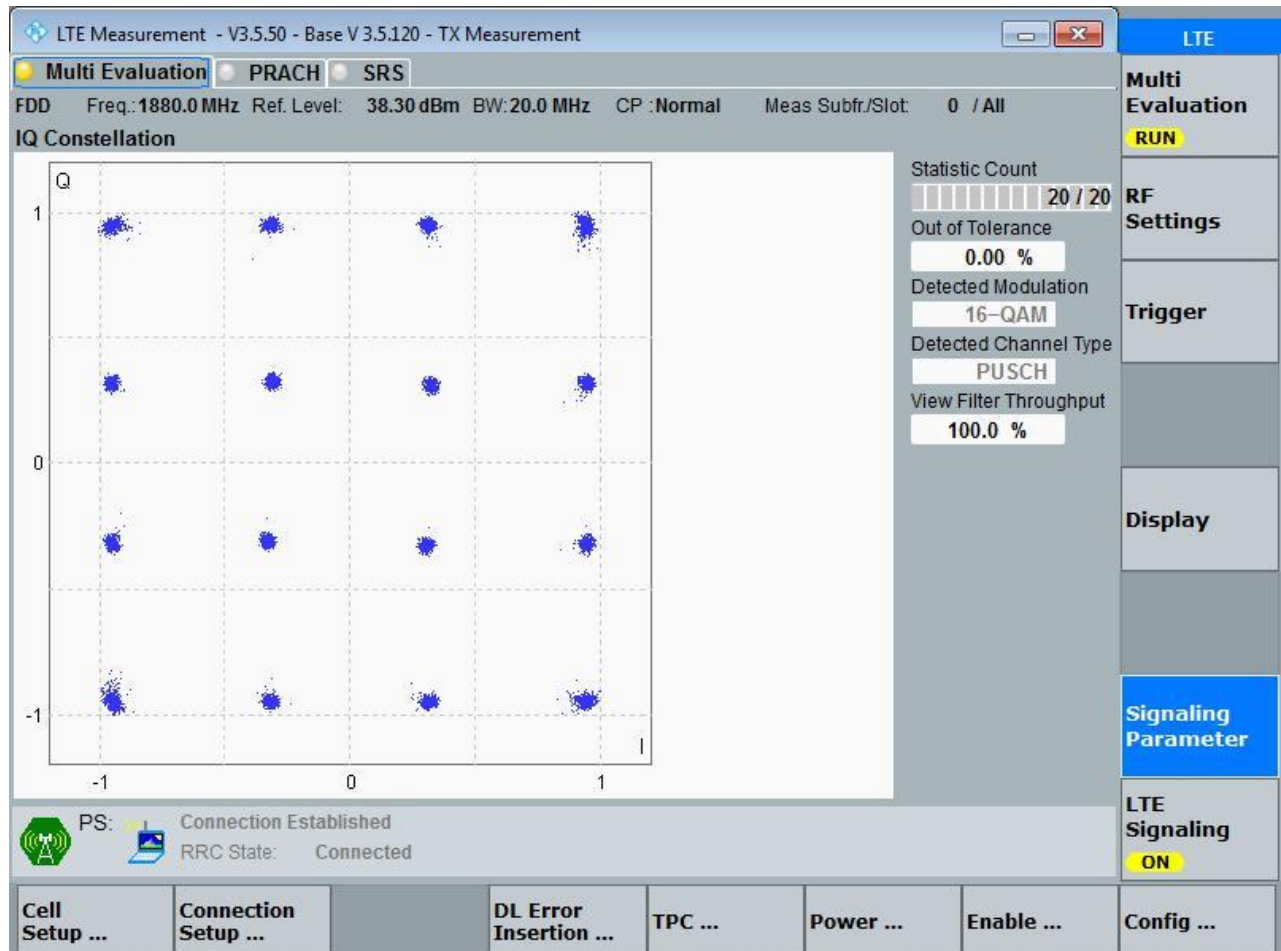






3.1.1.12 Test Mode = LTE /TM2 20MHz

3.1.1.12.1 Test Channel = MCH





## 4 Bandwidth

### Part I - Test Results

| Test Band | Test Mode  | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
| Band 2    | TM1/1.4MHz | LCH          | 1.10                     | 1.29                     | PASS    |
|           |            | MCH          | 1.09                     | 1.27                     | PASS    |
|           |            | HCH          | 1.10                     | 1.27                     | PASS    |
|           | TM2/1.4MHz | LCH          | 1.09                     | 1.27                     | PASS    |
|           |            | MCH          | 1.10                     | 1.28                     | PASS    |
|           |            | HCH          | 1.10                     | 1.28                     | PASS    |
|           | TM1/ 3MHz  | LCH          | 2.69                     | 2.91                     | PASS    |
|           |            | MCH          | 2.69                     | 2.91                     | PASS    |
|           |            | HCH          | 2.69                     | 2.92                     | PASS    |
|           | TM2/3MHz   | LCH          | 2.69                     | 2.92                     | PASS    |
|           |            | MCH          | 2.69                     | 2.93                     | PASS    |
|           |            | HCH          | 2.69                     | 2.92                     | PASS    |
|           | TM1/ 5MHz  | LCH          | 4.50                     | 4.99                     | PASS    |
|           |            | MCH          | 4.49                     | 4.99                     | PASS    |
|           |            | HCH          | 4.49                     | 4.99                     | PASS    |
|           | TM2/ 5MHz  | LCH          | 4.49                     | 5.00                     | PASS    |
|           |            | MCH          | 4.49                     | 4.93                     | PASS    |
|           |            | HCH          | 4.49                     | 4.99                     | PASS    |
|           | TM1/10MHz  | LCH          | 8.91                     | 9.65                     | PASS    |
|           |            | MCH          | 8.97                     | 9.83                     | PASS    |
|           |            | HCH          | 8.95                     | 9.79                     | PASS    |
|           | TM2/ 10MHz | LCH          | 8.95                     | 9.69                     | PASS    |
|           |            | MCH          | 8.93                     | 9.63                     | PASS    |
|           |            | HCH          | 8.95                     | 9.77                     | PASS    |
|           | TM1/ 15MHz | LCH          | 13.46                    | 14.84                    | PASS    |
|           |            | MCH          | 13.52                    | 14.96                    | PASS    |
|           |            | HCH          | 13.52                    | 15.05                    | PASS    |
|           | TM2/ 15MHz | LCH          | 13.46                    | 14.84                    | PASS    |
|           |            | MCH          | 13.52                    | 14.96                    | PASS    |
|           |            | HCH          | 13.55                    | 14.96                    | PASS    |
|           | TM1/ 20MHz | LCH          | 17.90                    | 19.38                    | PASS    |
|           |            | MCH          | 17.94                    | 19.42                    | PASS    |
|           |            | HCH          | 18.02                    | 19.70                    | PASS    |
|           | TM2/ 20MHz | LCH          | 17.94                    | 19.58                    | PASS    |
|           |            | MCH          | 17.94                    | 19.50                    | PASS    |
|           |            | HCH          | 18.02                    | 19.70                    | PASS    |

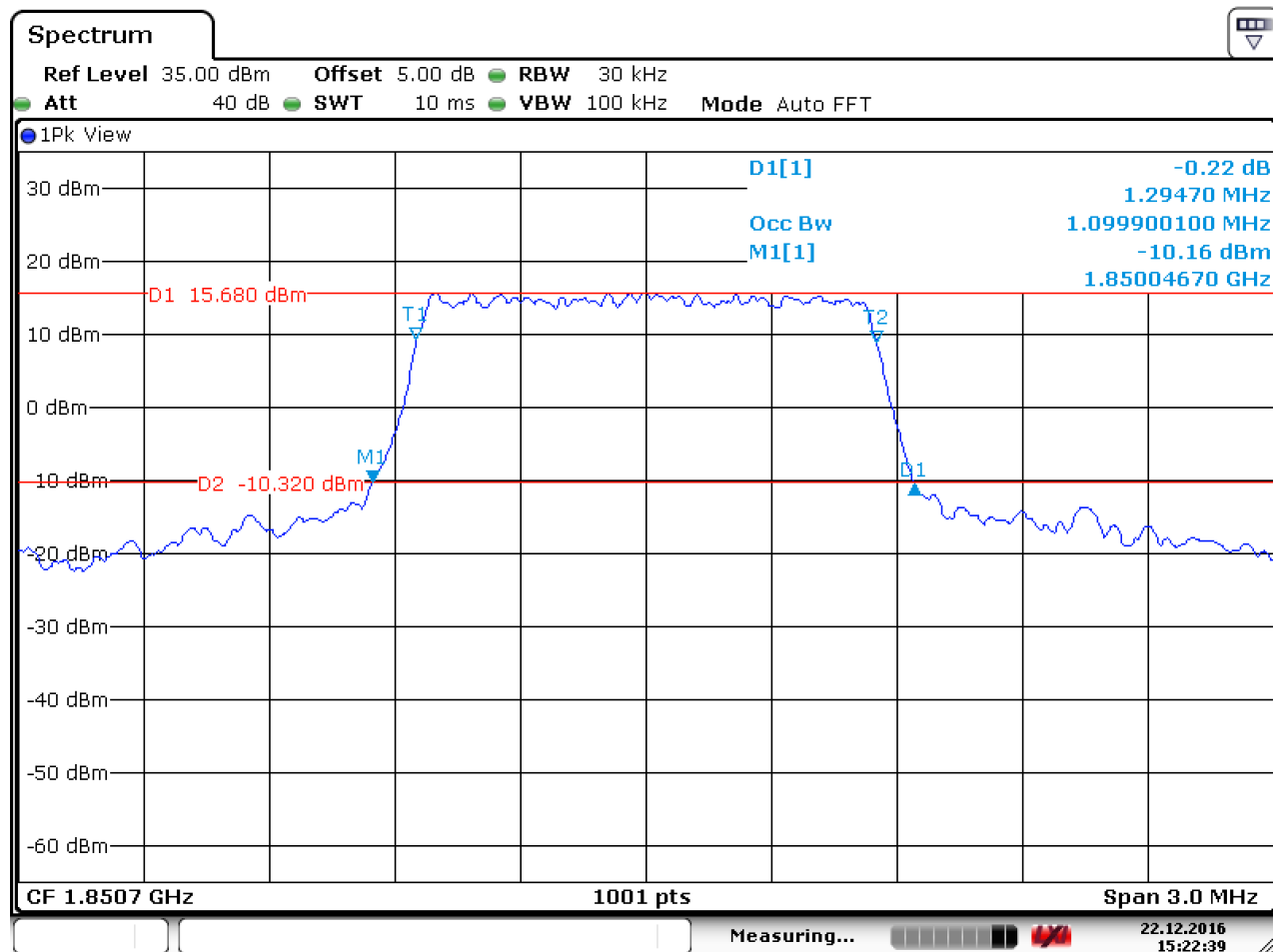


## 4.1 For LTE

### 4.1.1 Test Band = LTE band2

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

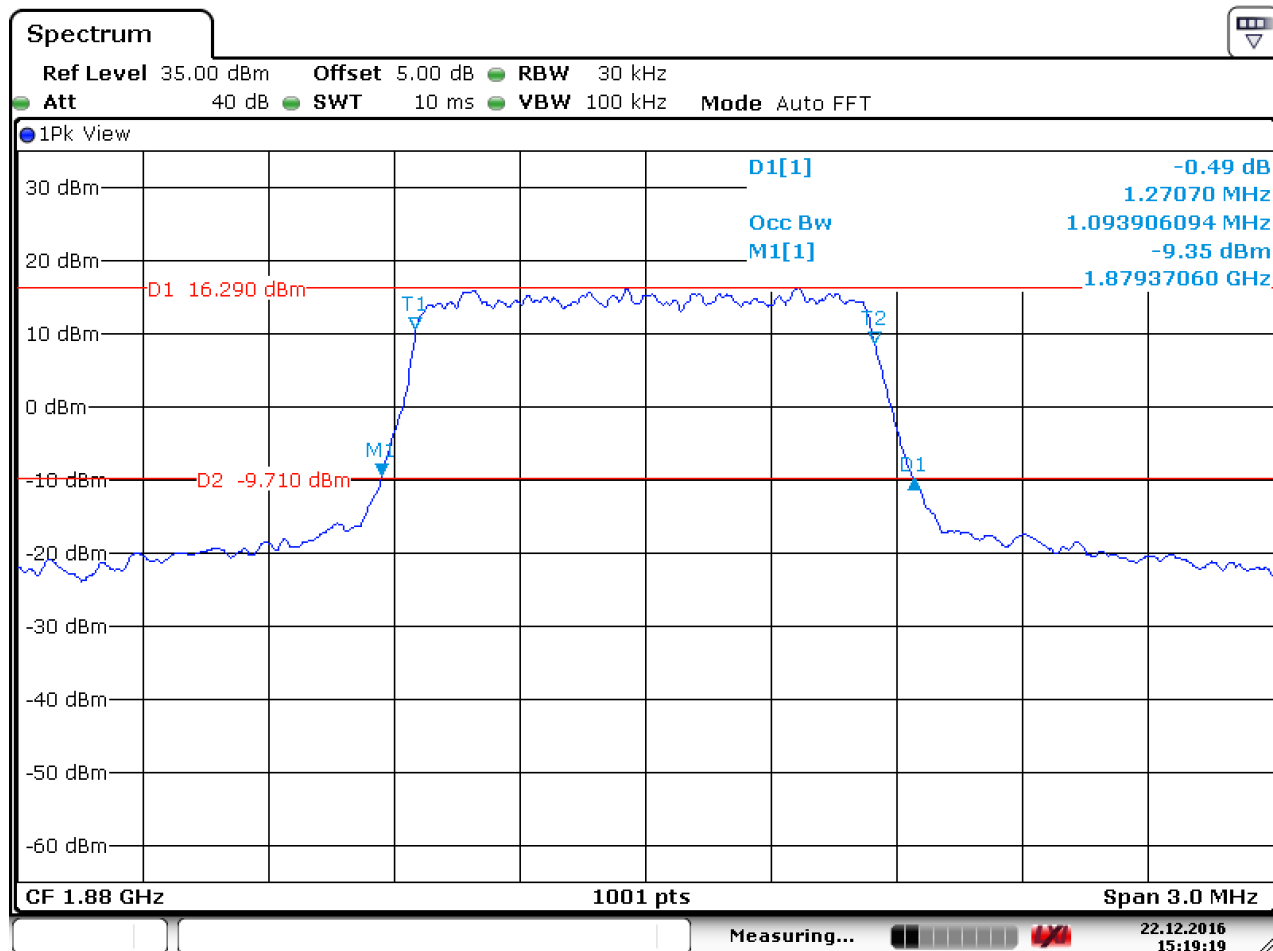
##### 4.1.1.1.1 Test Channel = LCH



Date: 22.DEC.2016 15:22:39



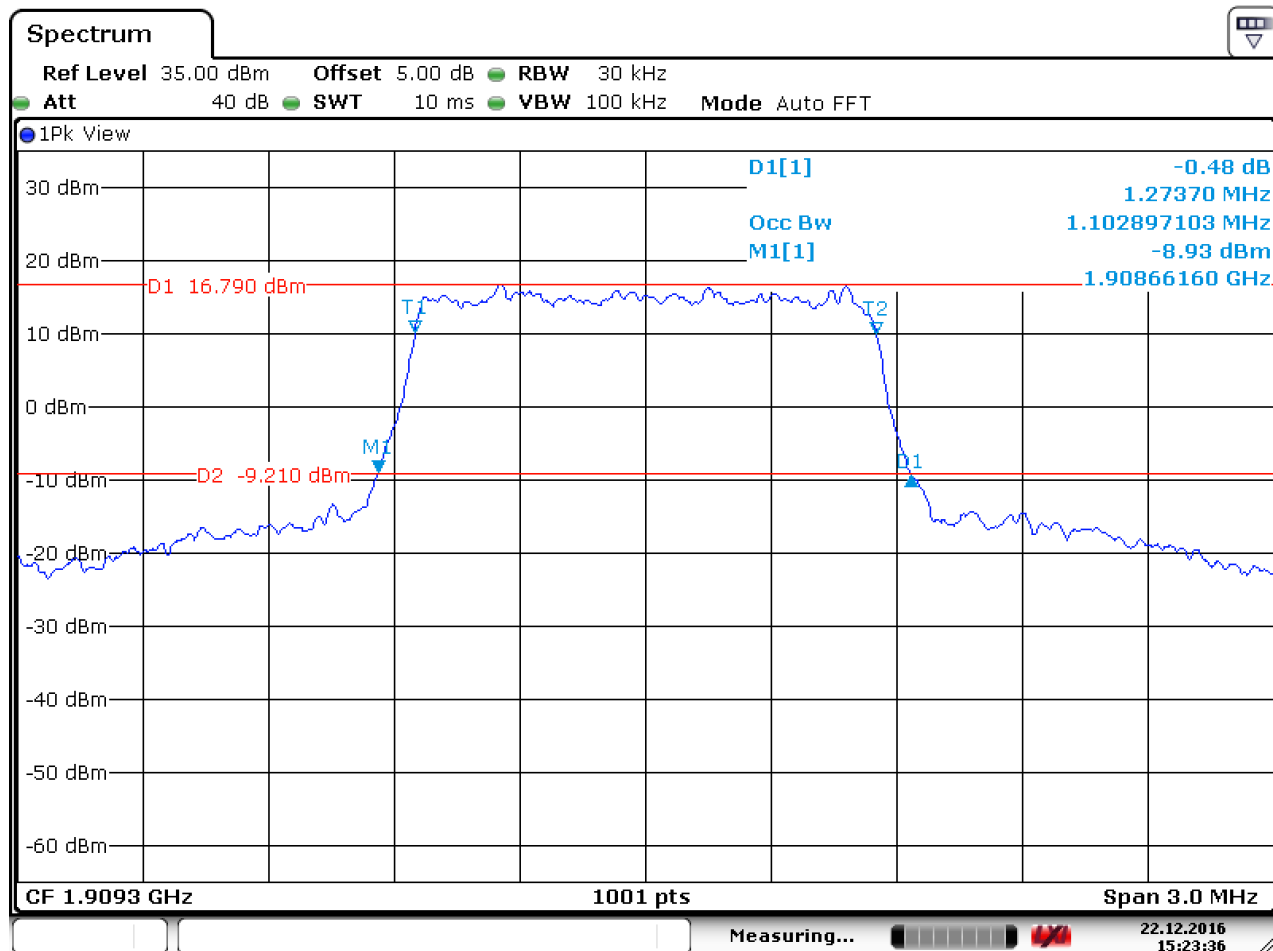
4.1.1.1.2 Test Channel = MCH



Date: 22.DEC.2016 15:19:20



4.1.1.1.3 Test Channel = HCH

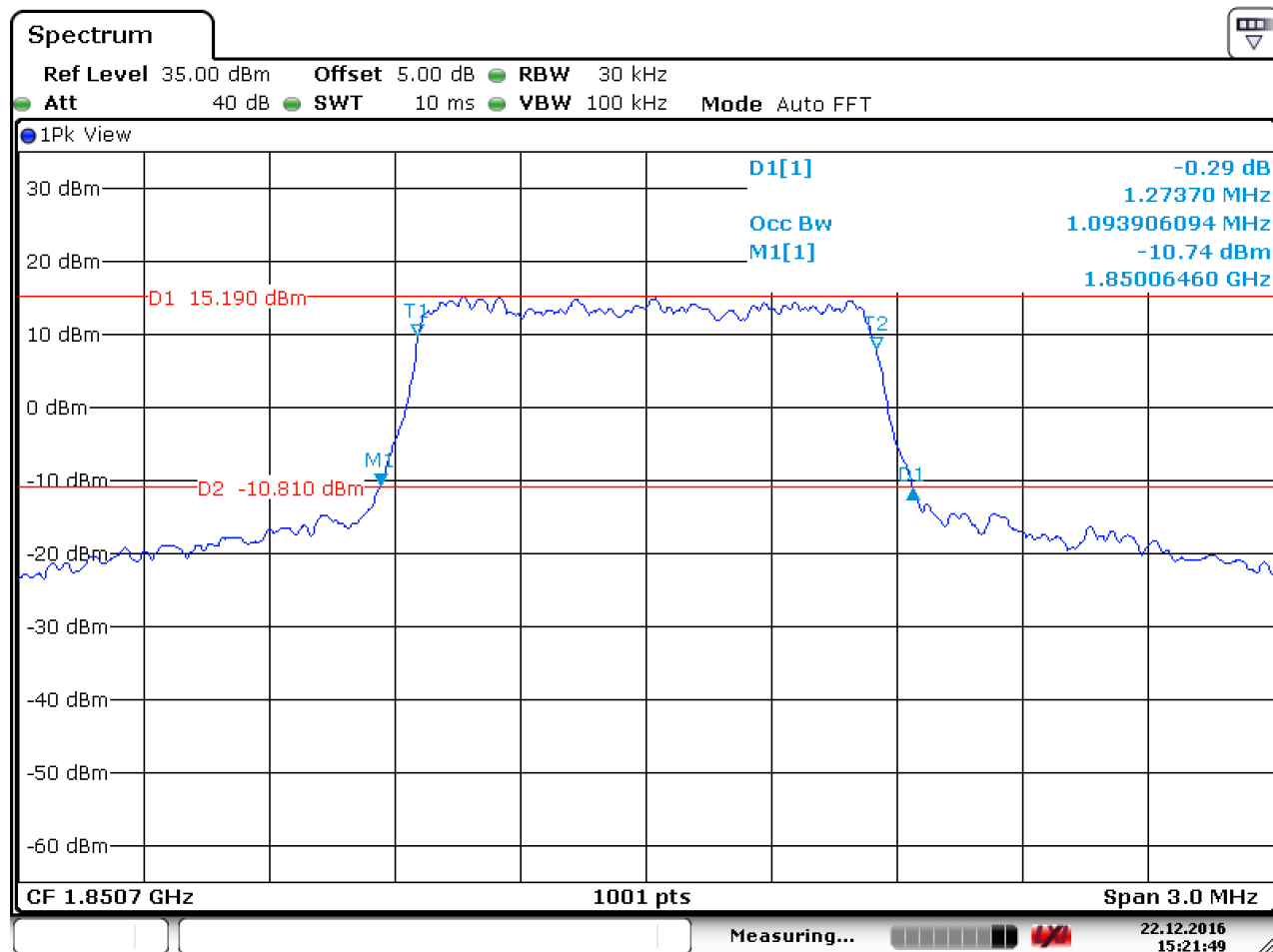


Date: 22.DEC.2016 15:23:36



4.1.1.2 Test Mode = LTE/TM2 1.4MHz

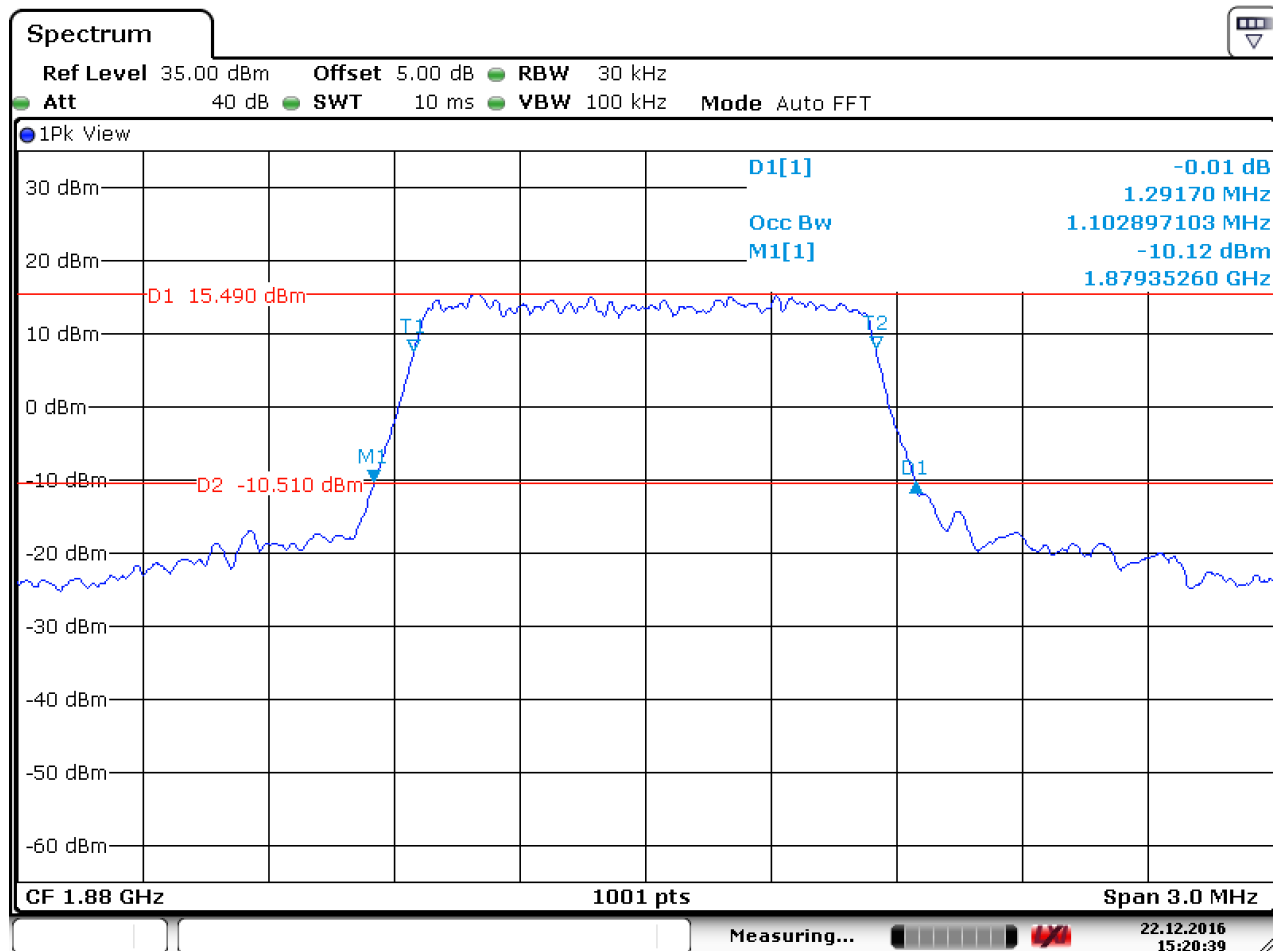
4.1.1.2.1 Test Channel = LCH



Date: 22.DEC.2016 15:21:50



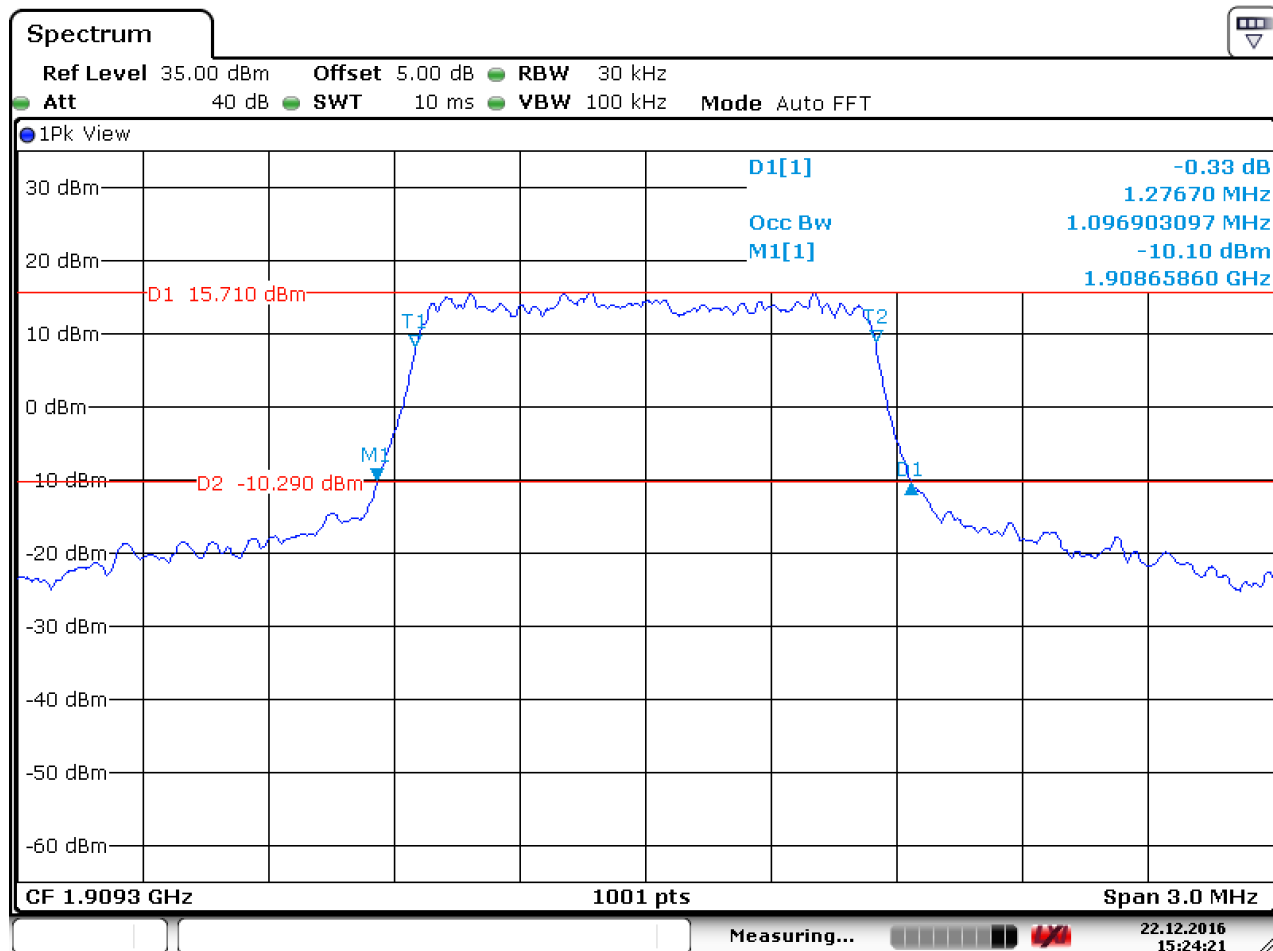
4.1.1.2.2 Test Channel = MCH



Date: 22.DEC.2016 15:20:40



4.1.1.2.3 Test Channel = HCH



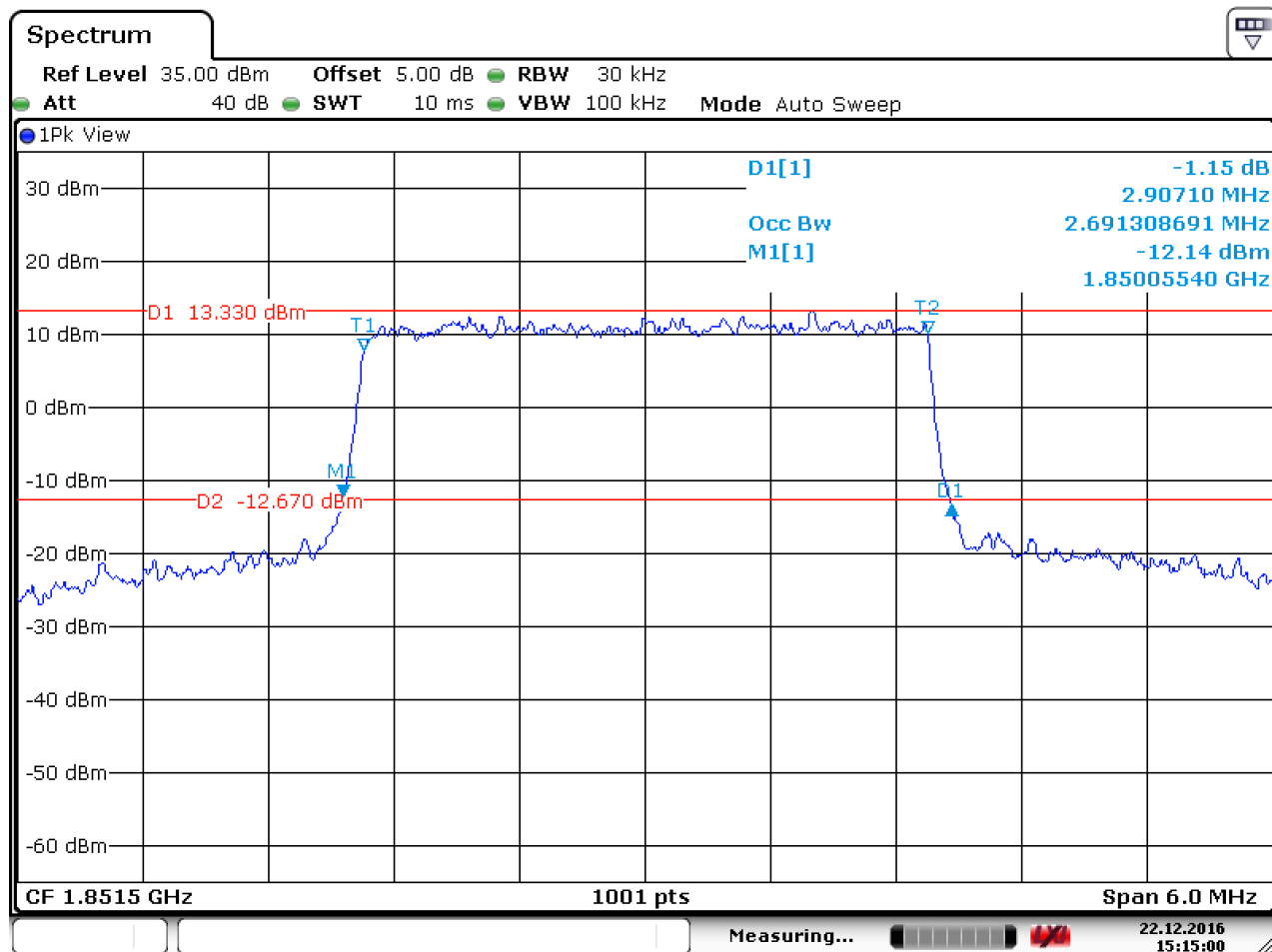
Date: 22.DEC.2016 15:24:22





4.1.1.3 Test Mode = LTE/TM1 3MHz

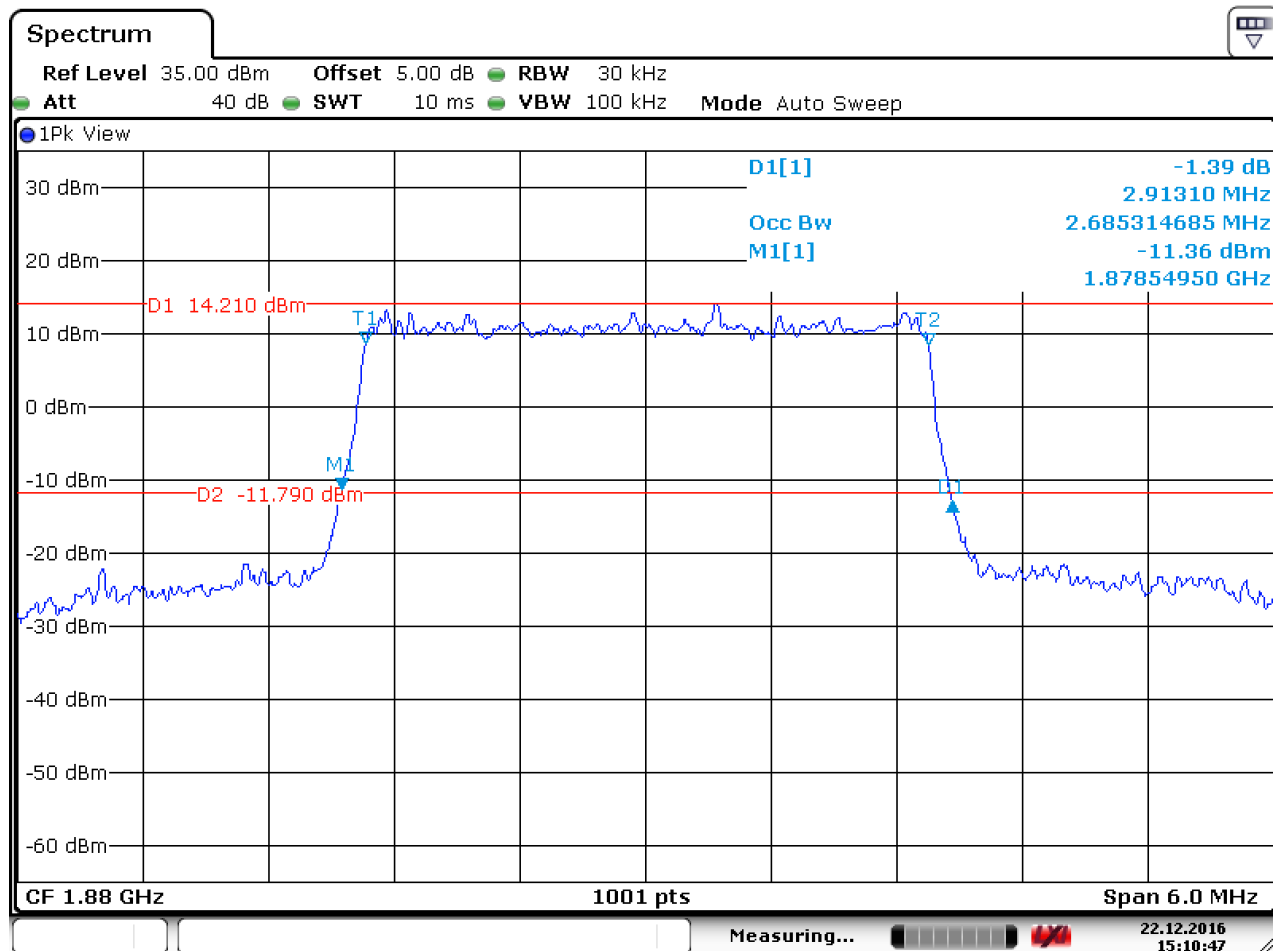
4.1.1.3.1 Test Channel = LCH



Date: 22.DEC.2016 15:15:00



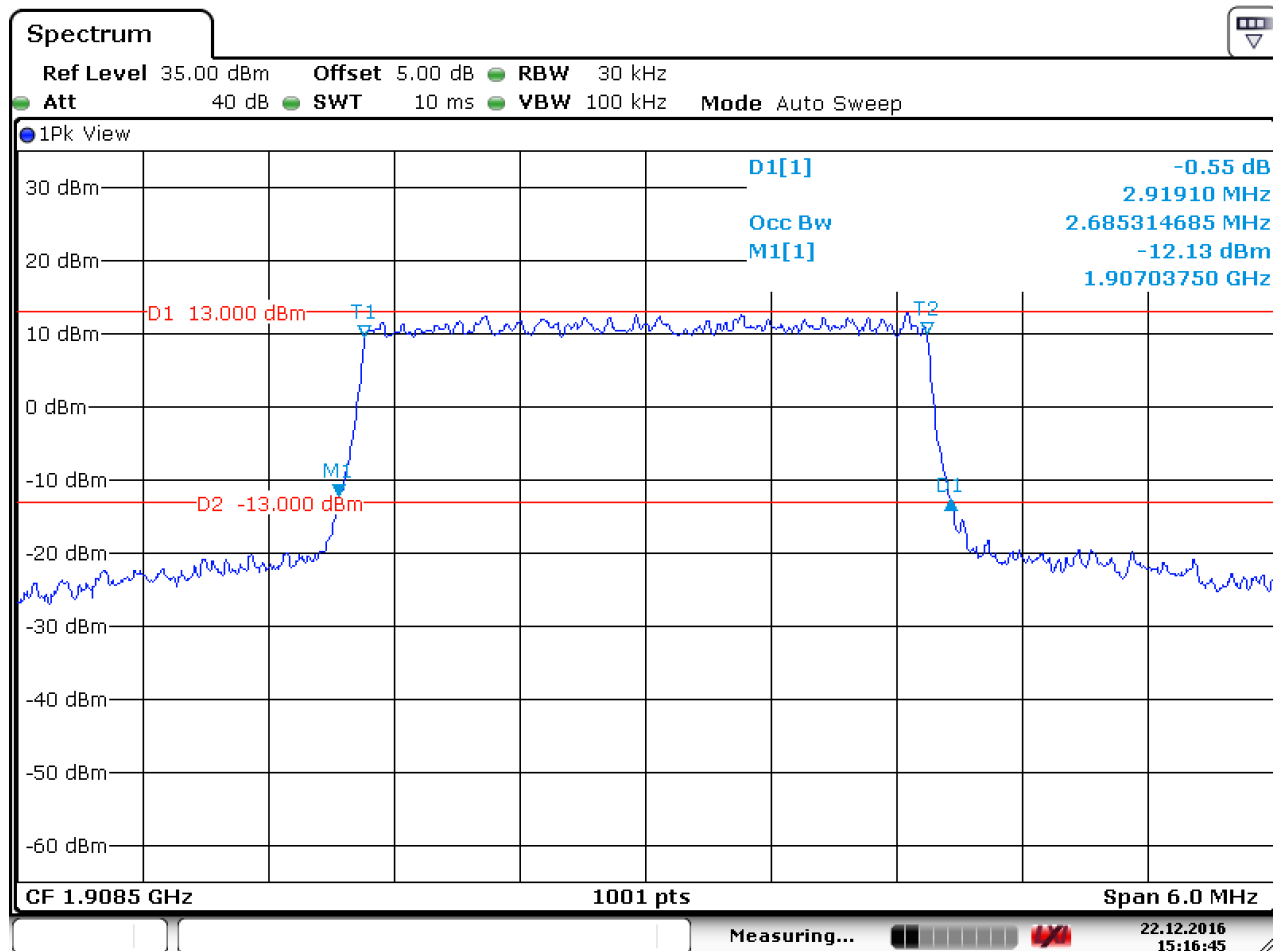
4.1.1.3.2 Test Channel = MCH



Date: 22.DEC.2016 15:10:48



4.1.1.3.3 Test Channel = HCH

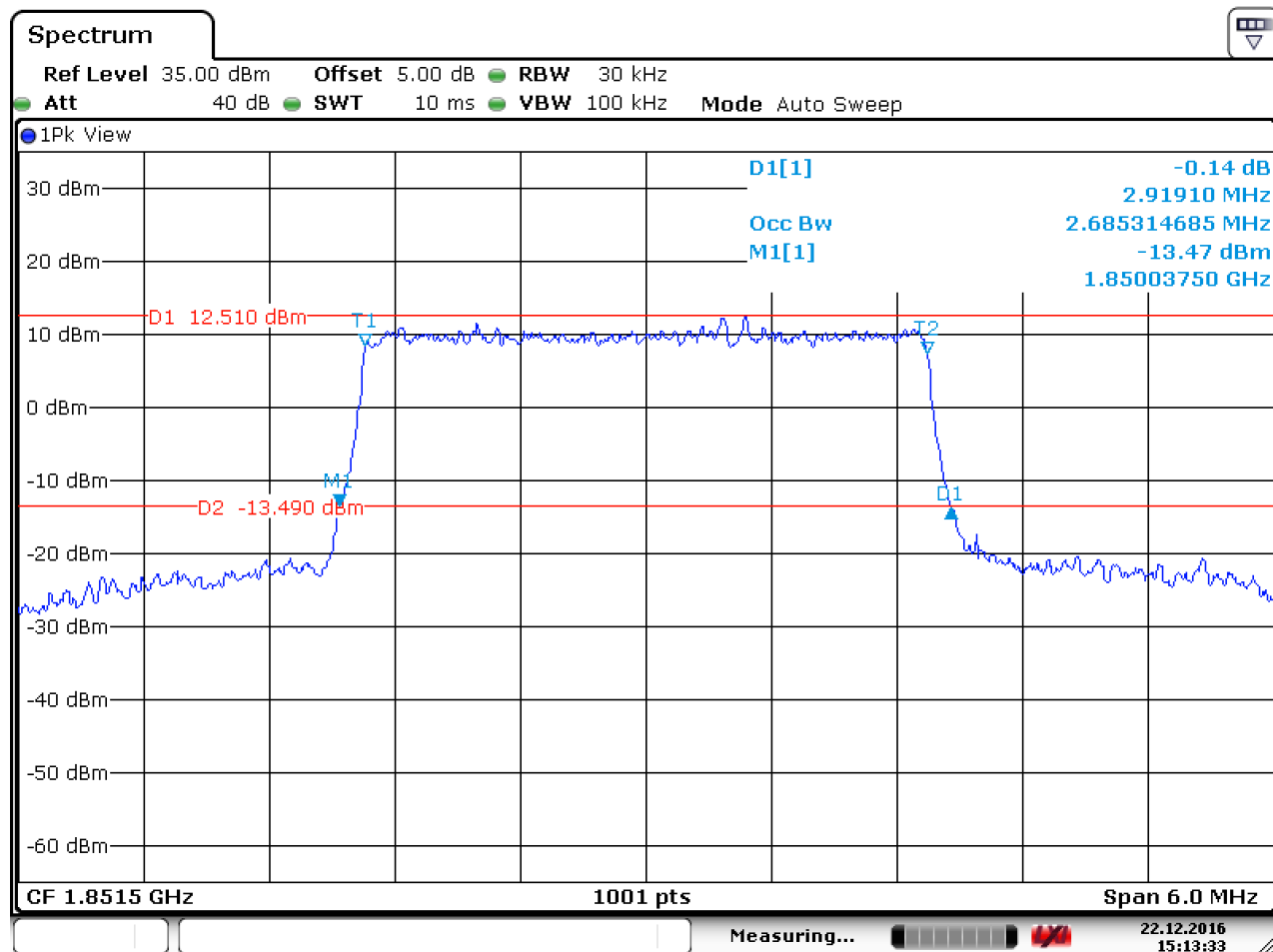


Date: 22.DEC.2016 15:16:45



4.1.1.4 Test Mode = LTE/TM2 3MHz

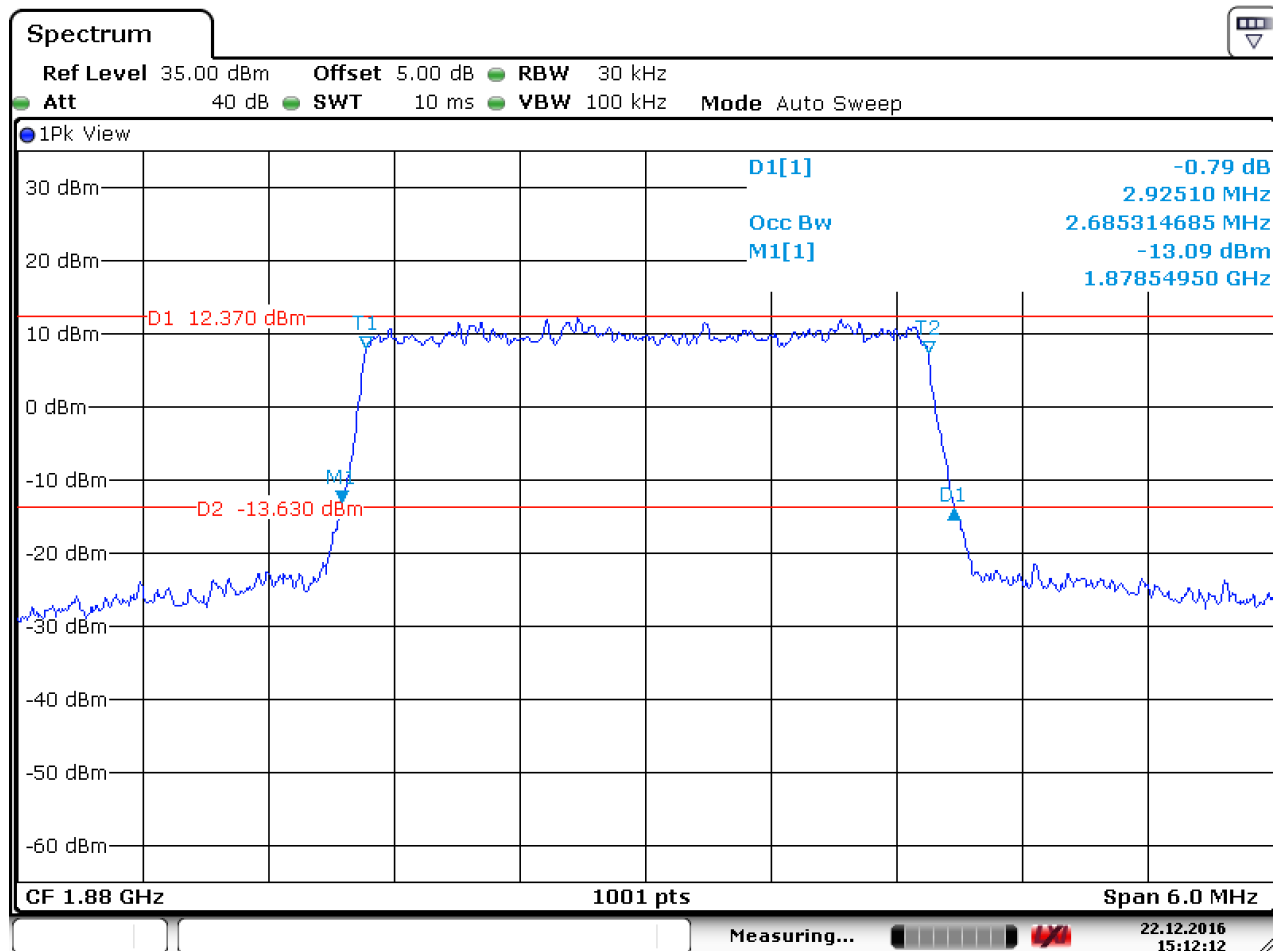
4.1.1.4.1 Test Channel = LCH



Date: 22.DEC.2016 15:13:33



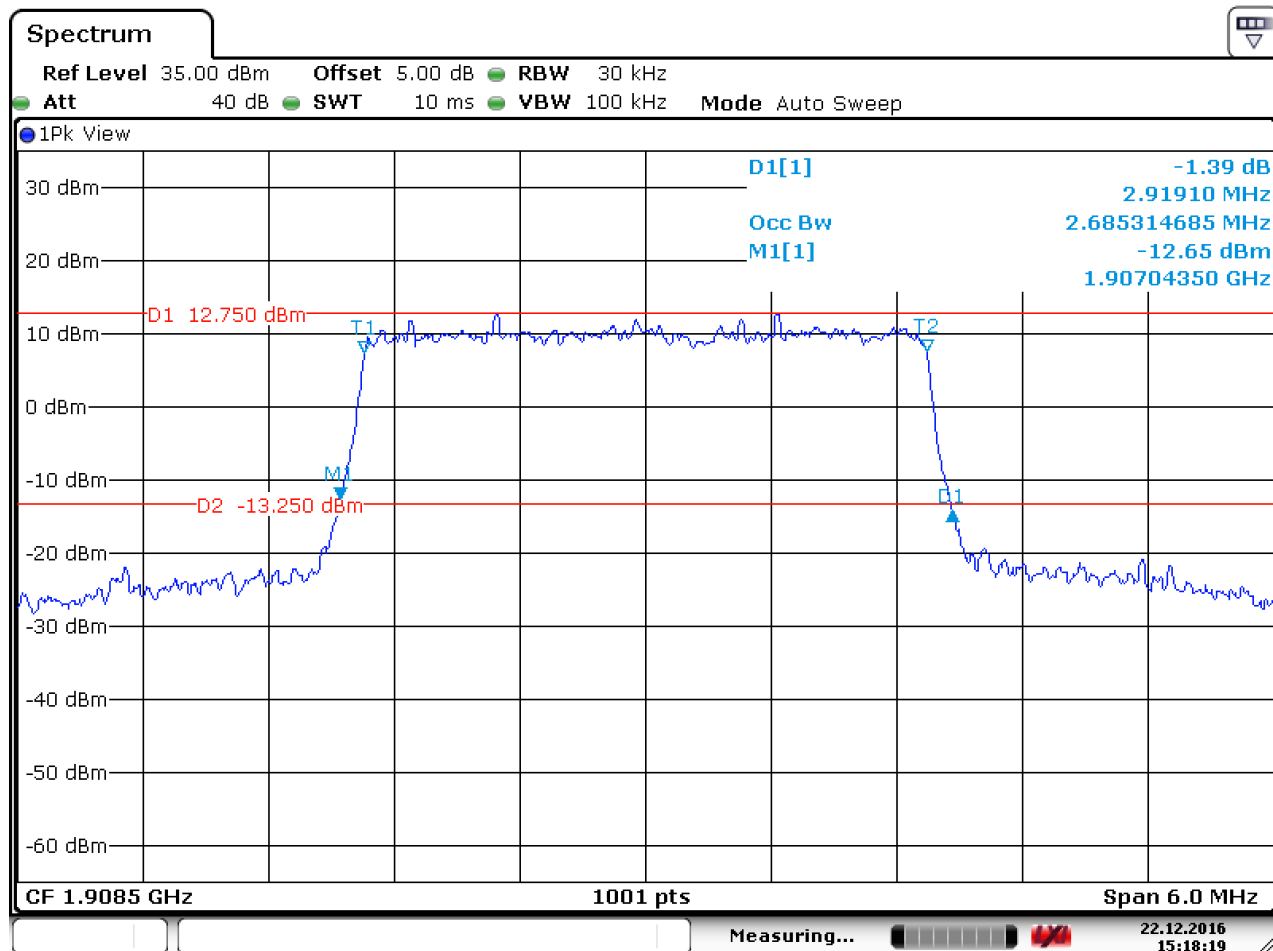
4.1.1.4.2 Test Channel = MCH



Date: 22.DEC.2016 15:12:13



4.1.1.4.3 Test Channel = HCH

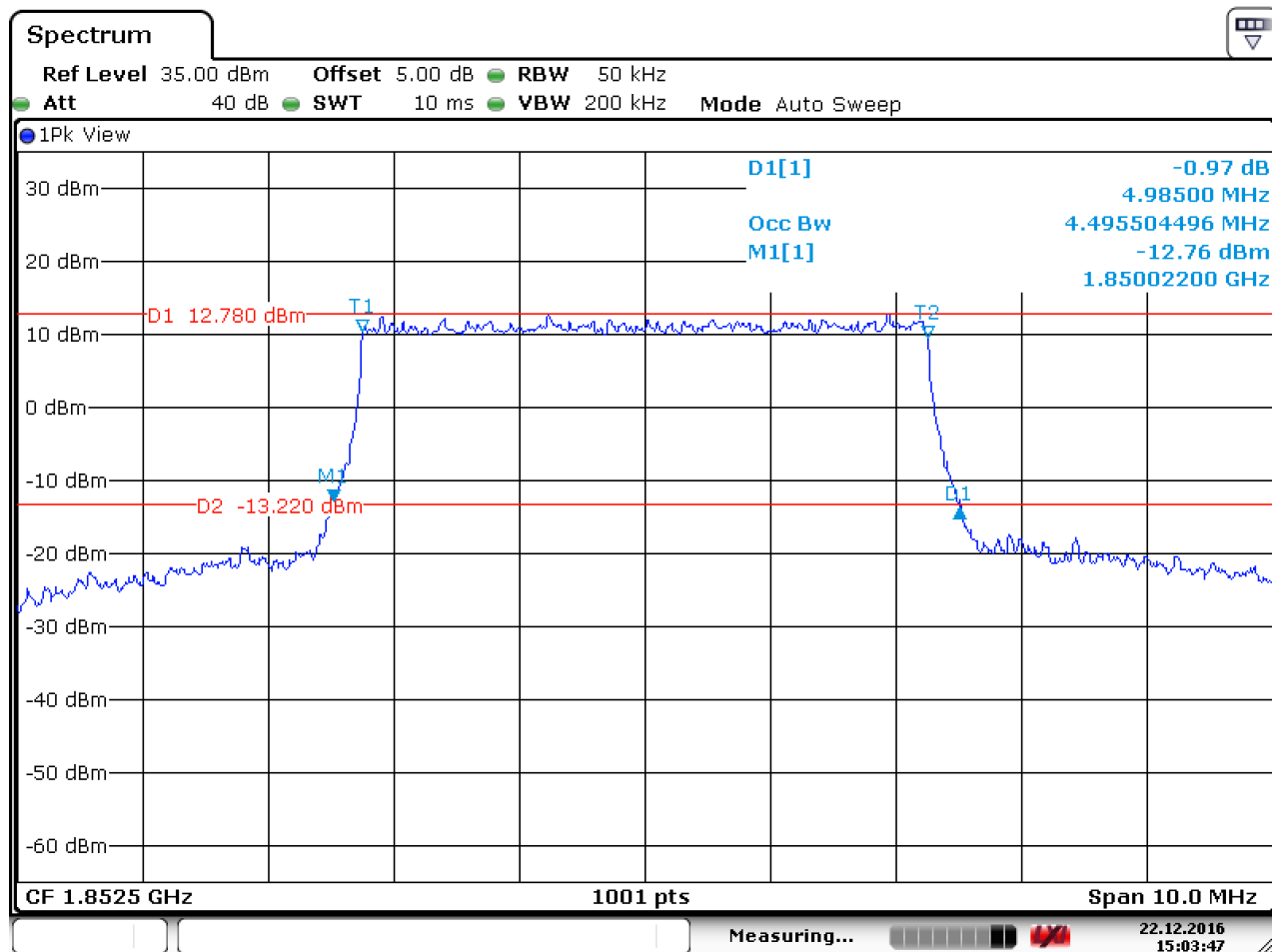


Date: 22.DEC.2016 15:18:20



4.1.1.5 Test Mode = LTE/TM1 5MHz

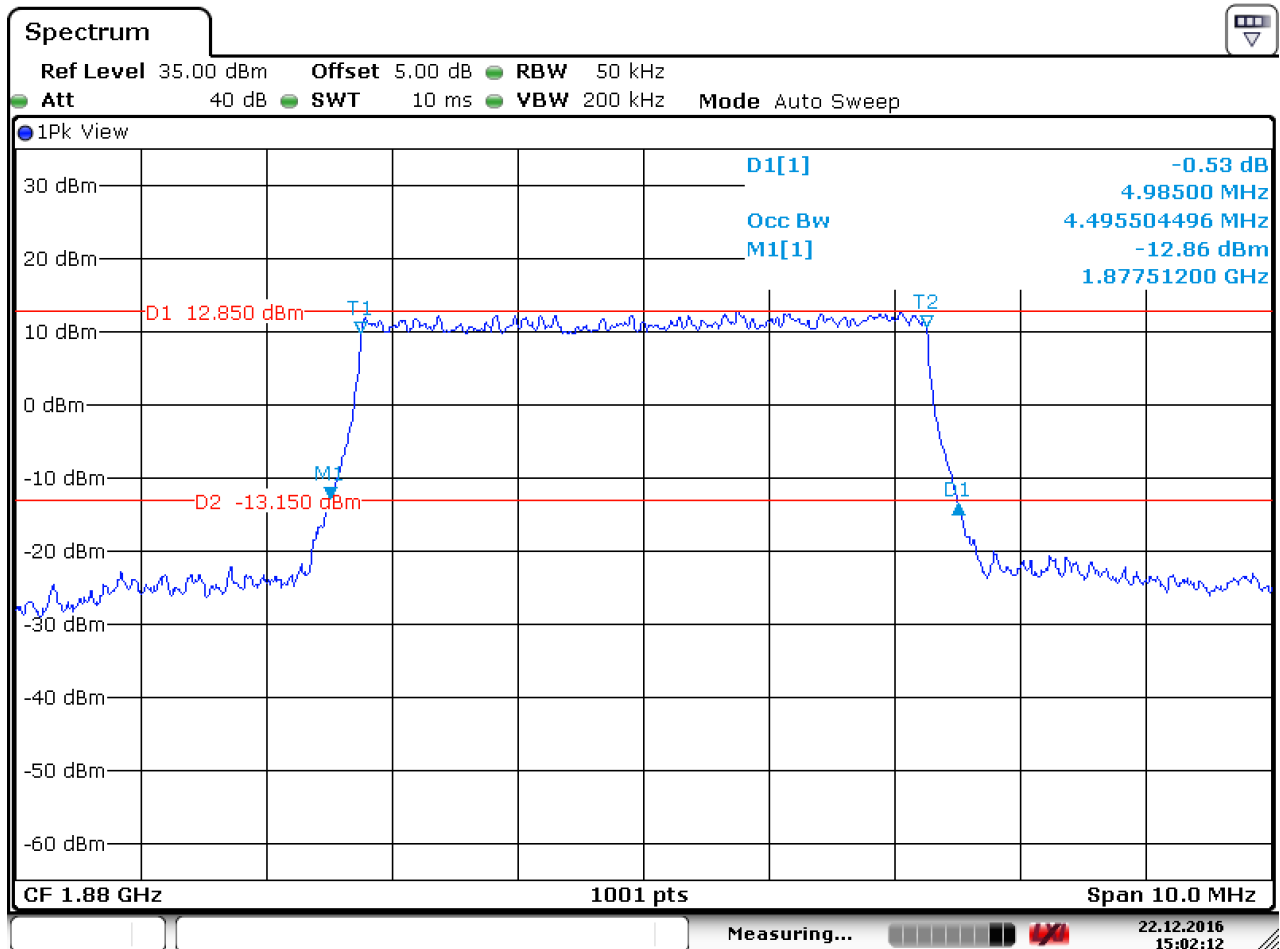
4.1.1.5.1 Test Channel = LCH



Date: 22.DEC.2016 15:03:47



4.1.1.5.2 Test Channel = MCH

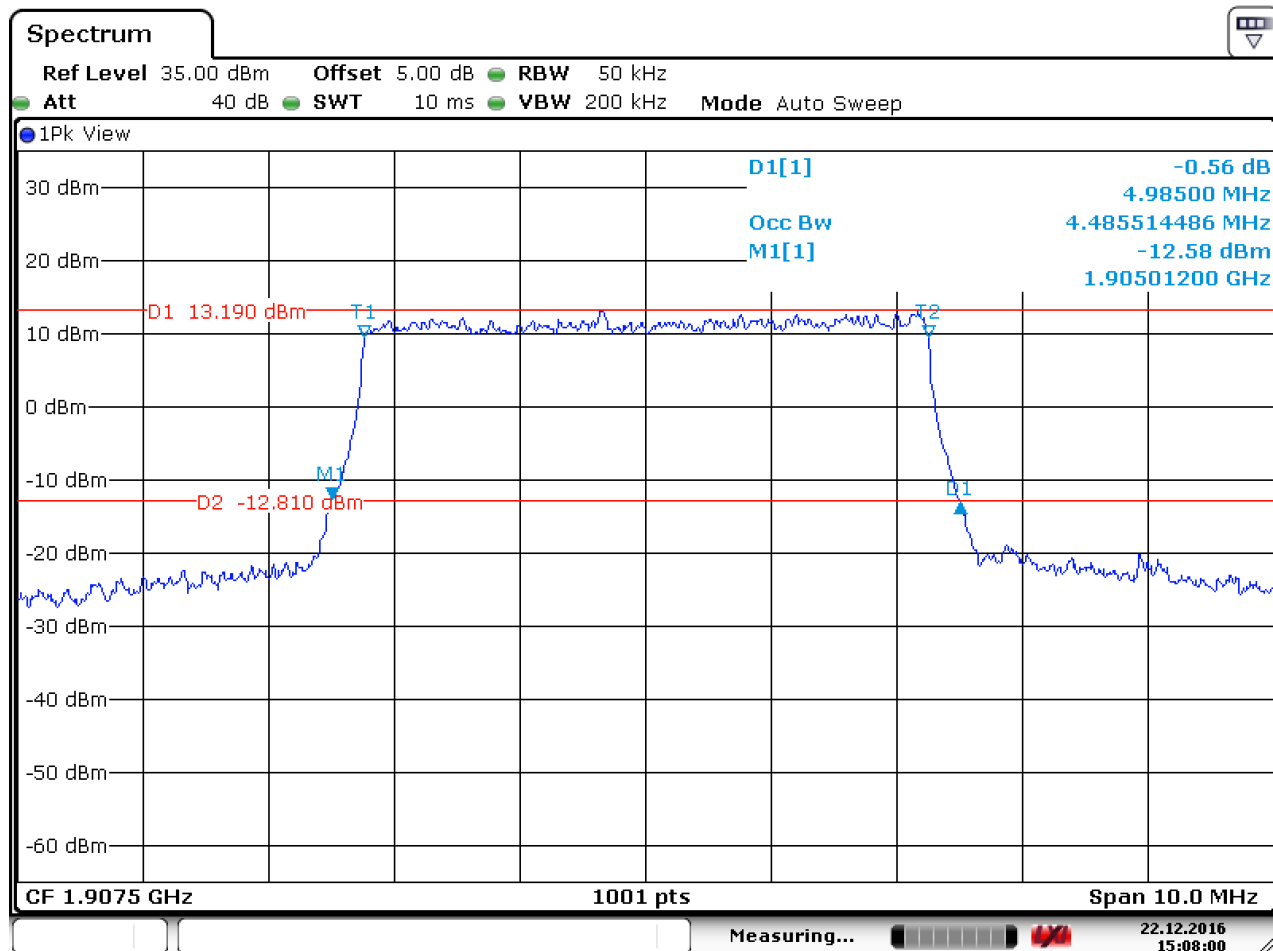


Date: 22.DEC.2016 15:02:12





4.1.1.5.3 Test Channel = HCH

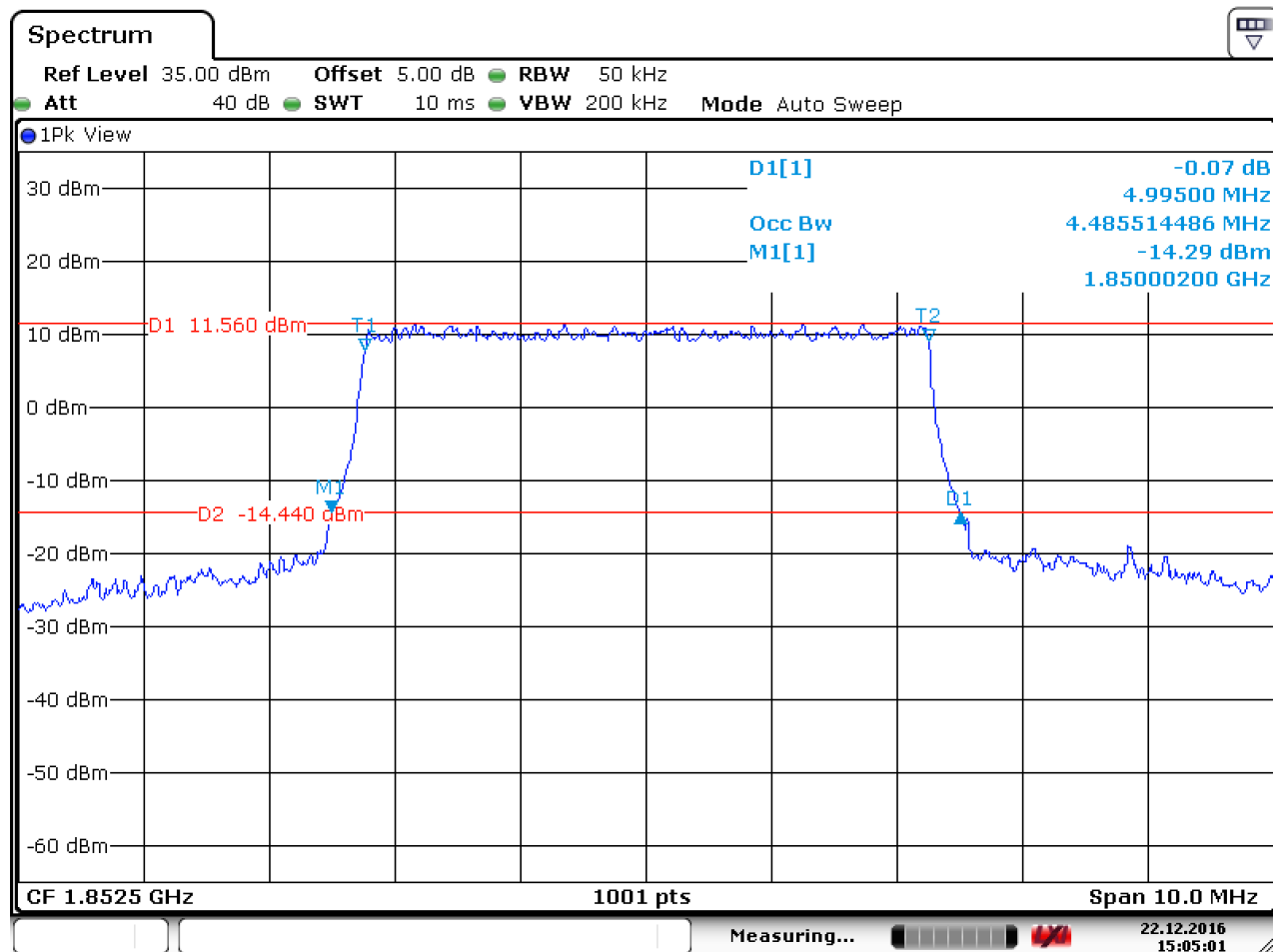


Date: 22.DEC.2016 15:08:00



4.1.1.6 Test Mode = LTE/TM2 5MHz

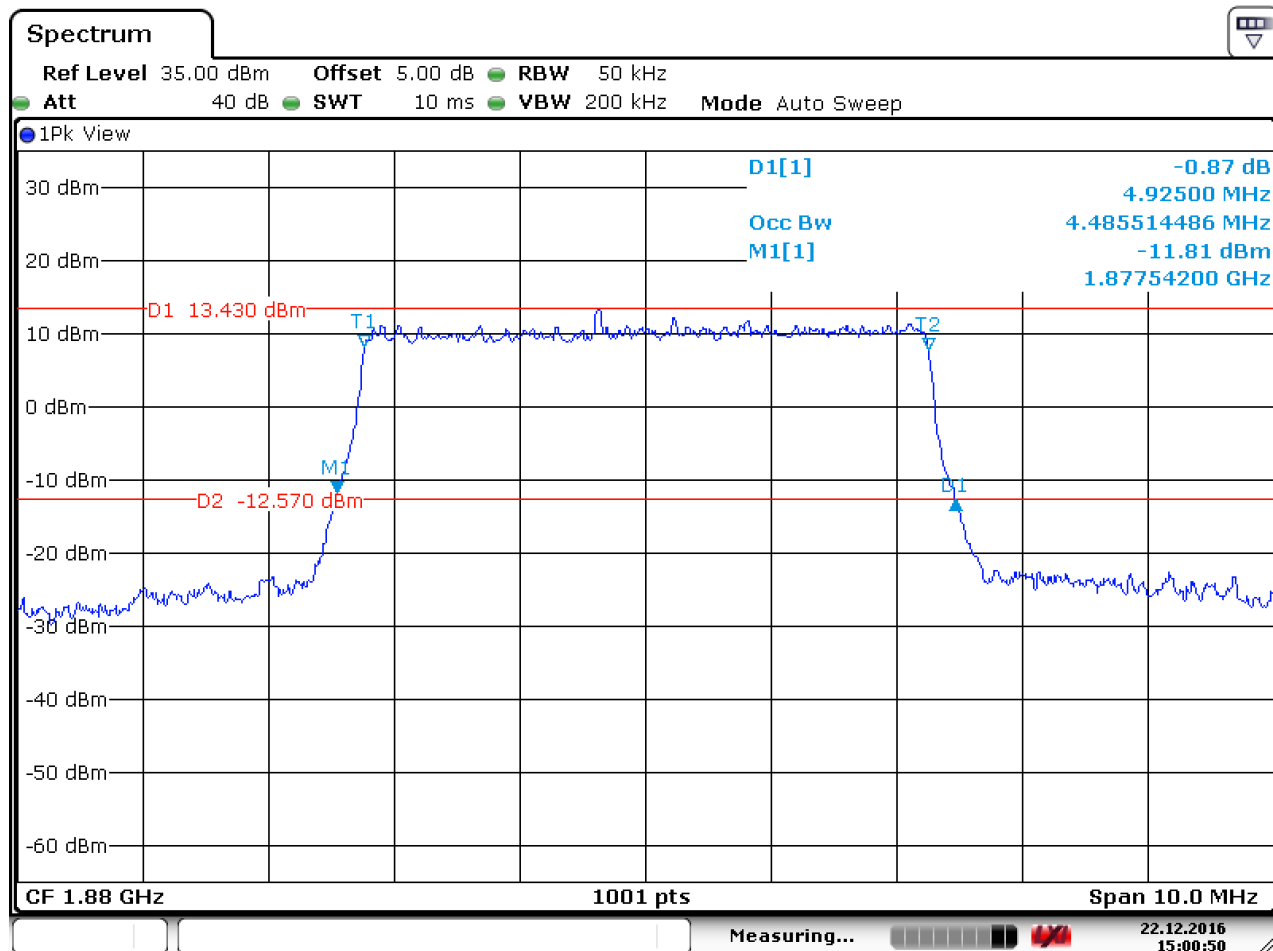
4.1.1.6.1 Test Channel = LCH



Date: 22.DEC.2016 15:05:02



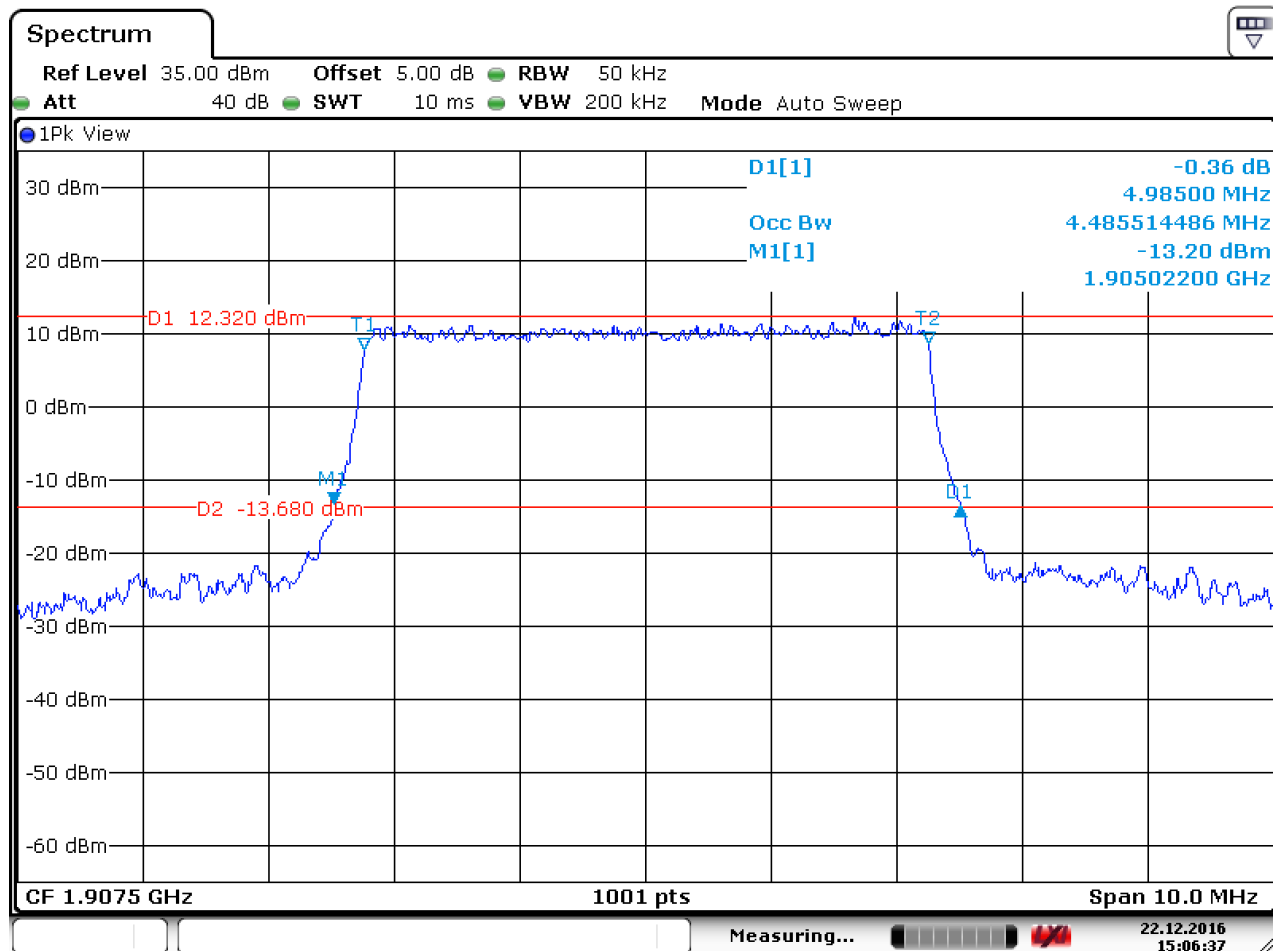
4.1.1.6.2 Test Channel = MCH



Date: 22.DEC.2016 15:00:50



4.1.1.6.3 Test Channel = HCH

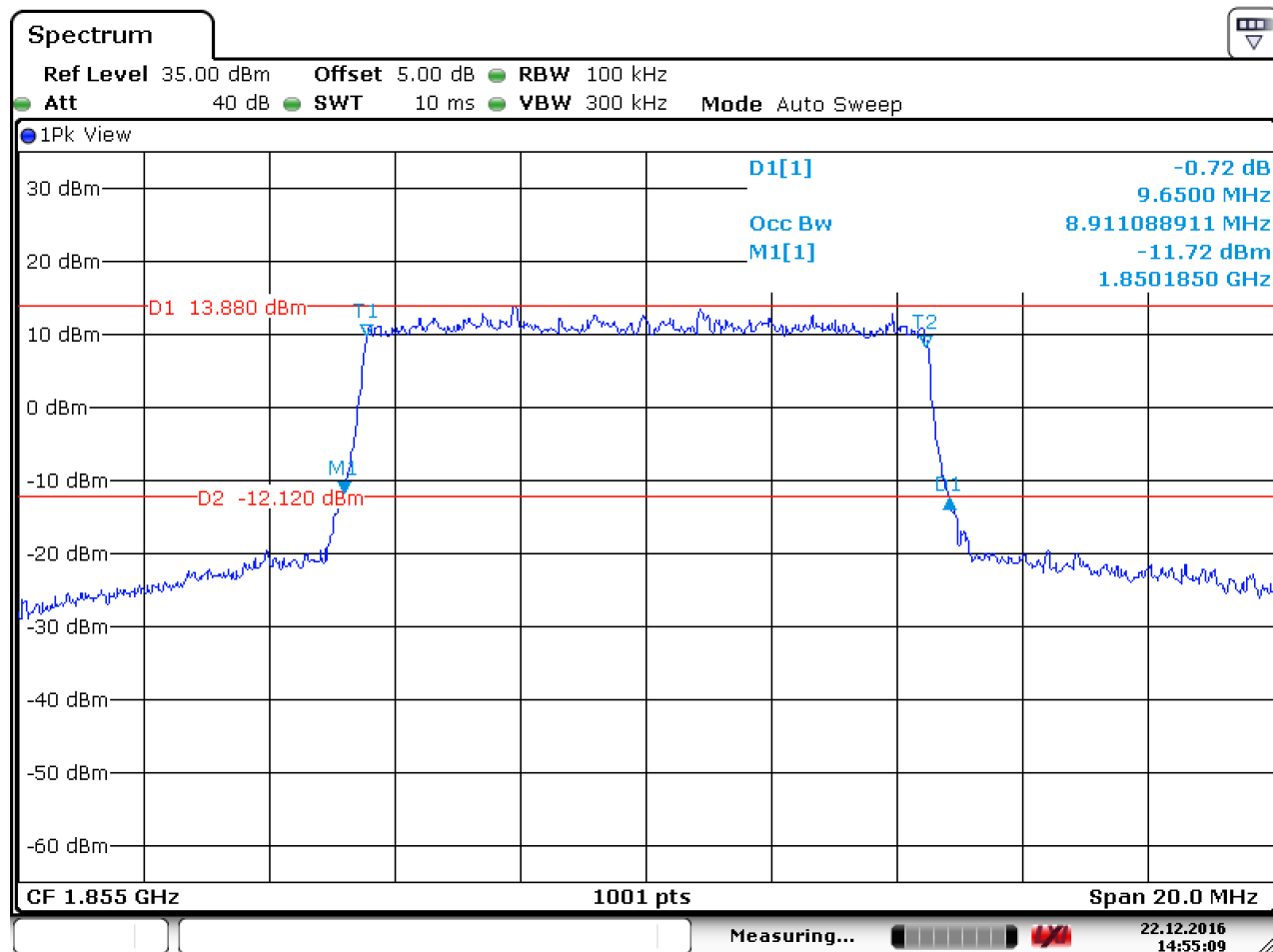


Date: 22.DEC.2016 15:06:37



4.1.1.7 Test Mode = LTE/TM1 10MHz

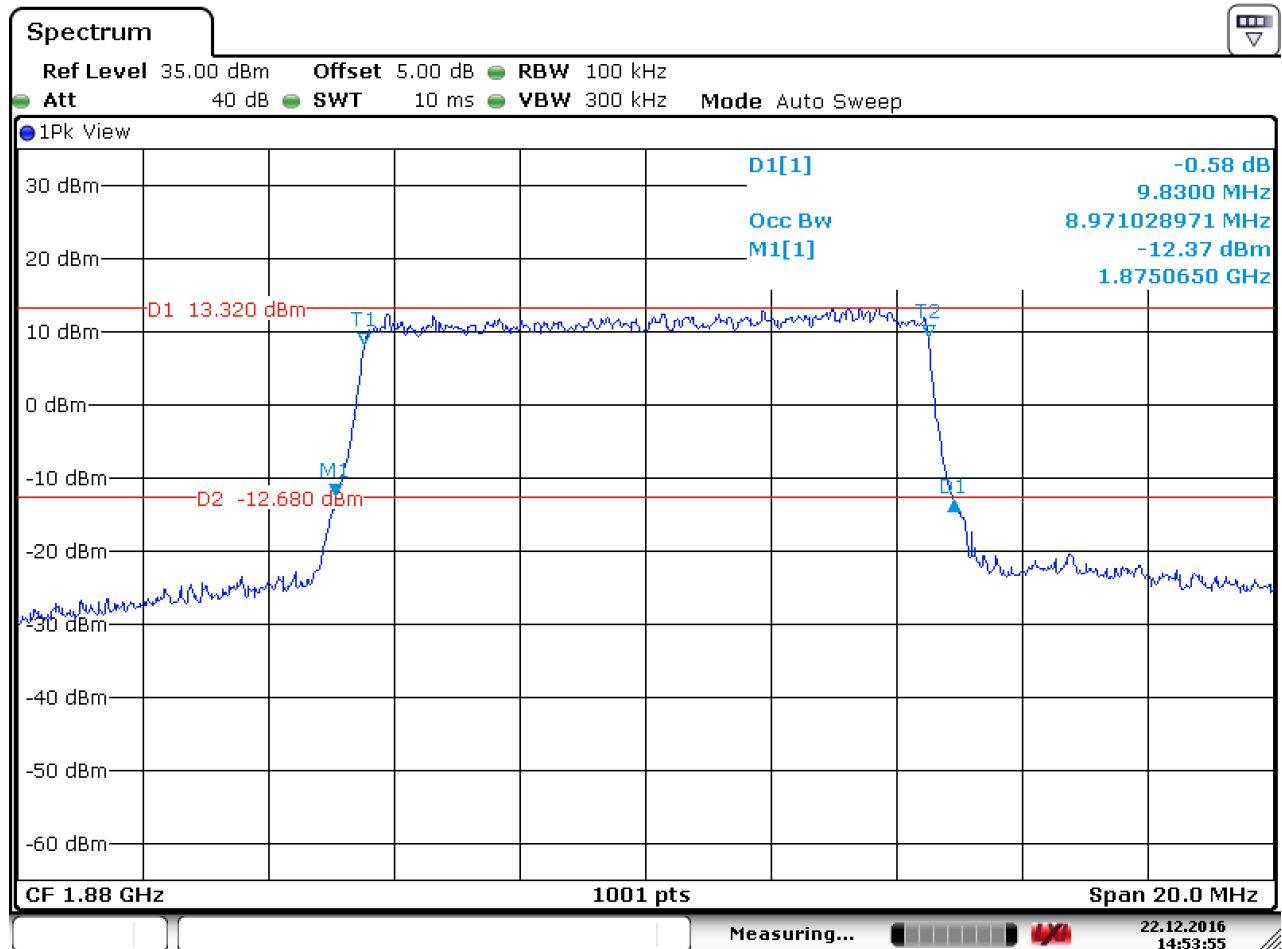
4.1.1.7.1 Test Channel = LCH



Date: 22.DEC.2016 14:55:10

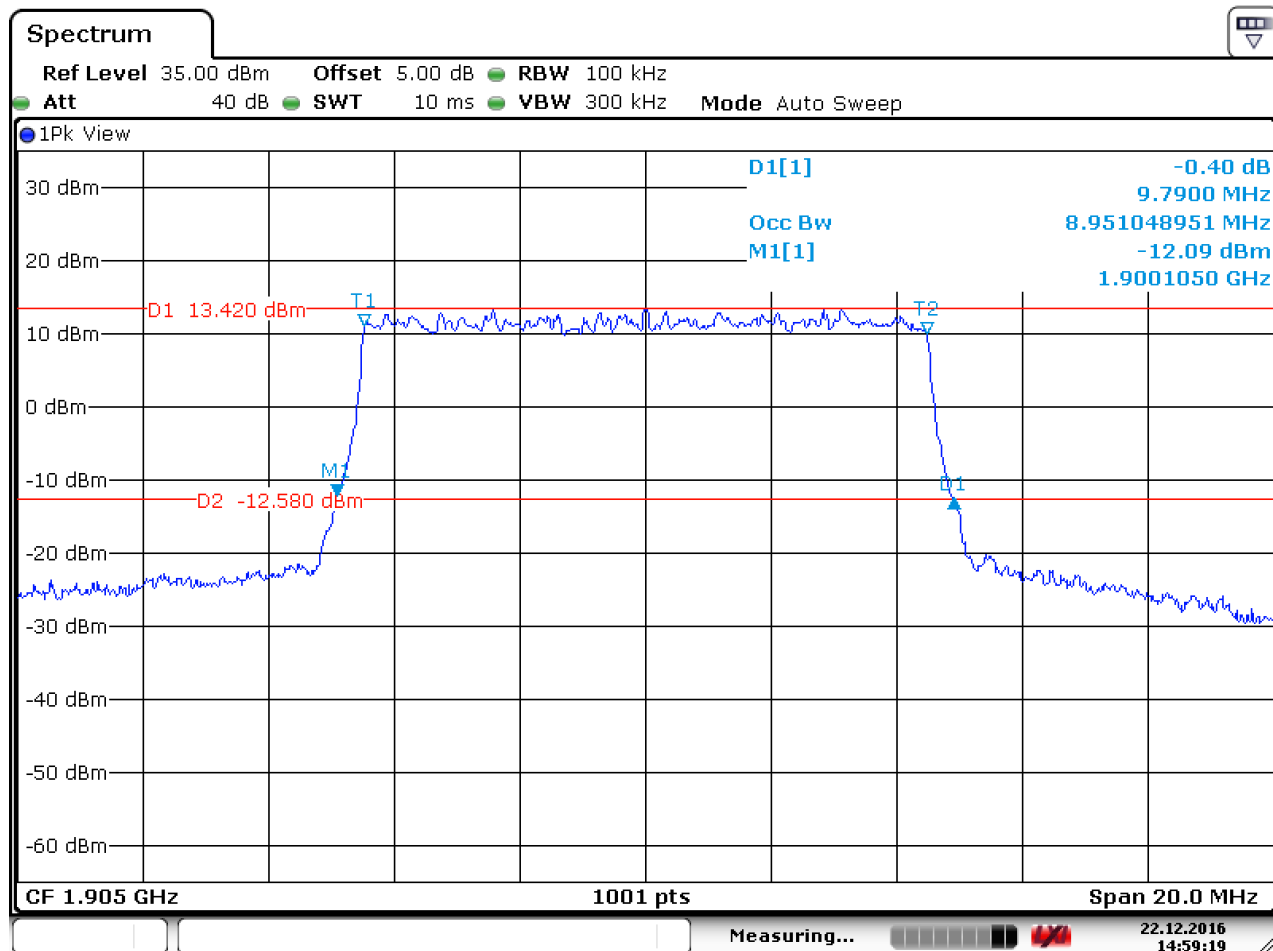


4.1.1.7.2 Test Channel = MCH



Date: 22.DEC.2016 14:53:56

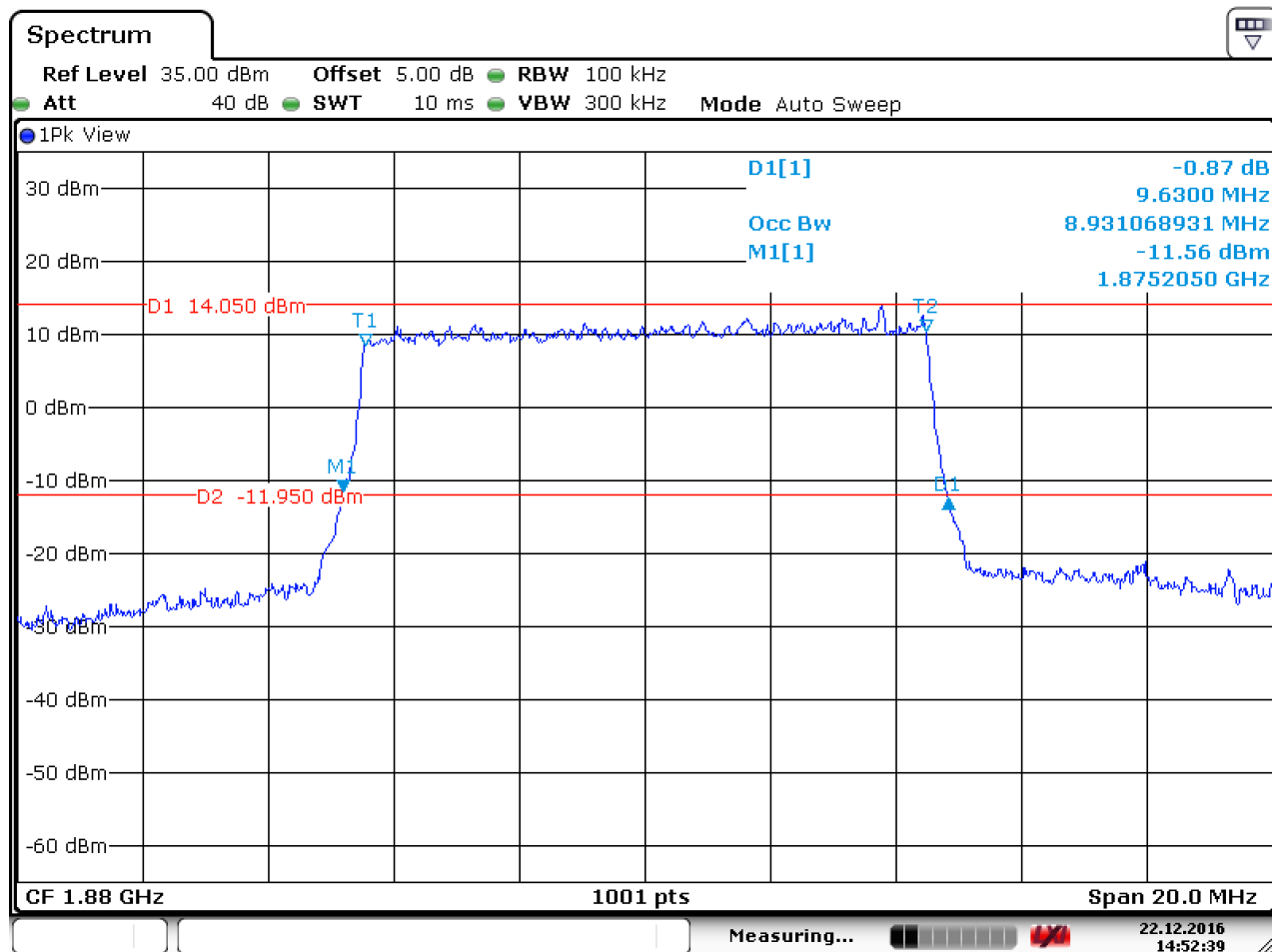
#### 4.1.1.7.3 Test Channel = HCH



Date: 22.DEC.2016 14:59:18

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

#### 4.1.1.8.1 Test Channel = LCH

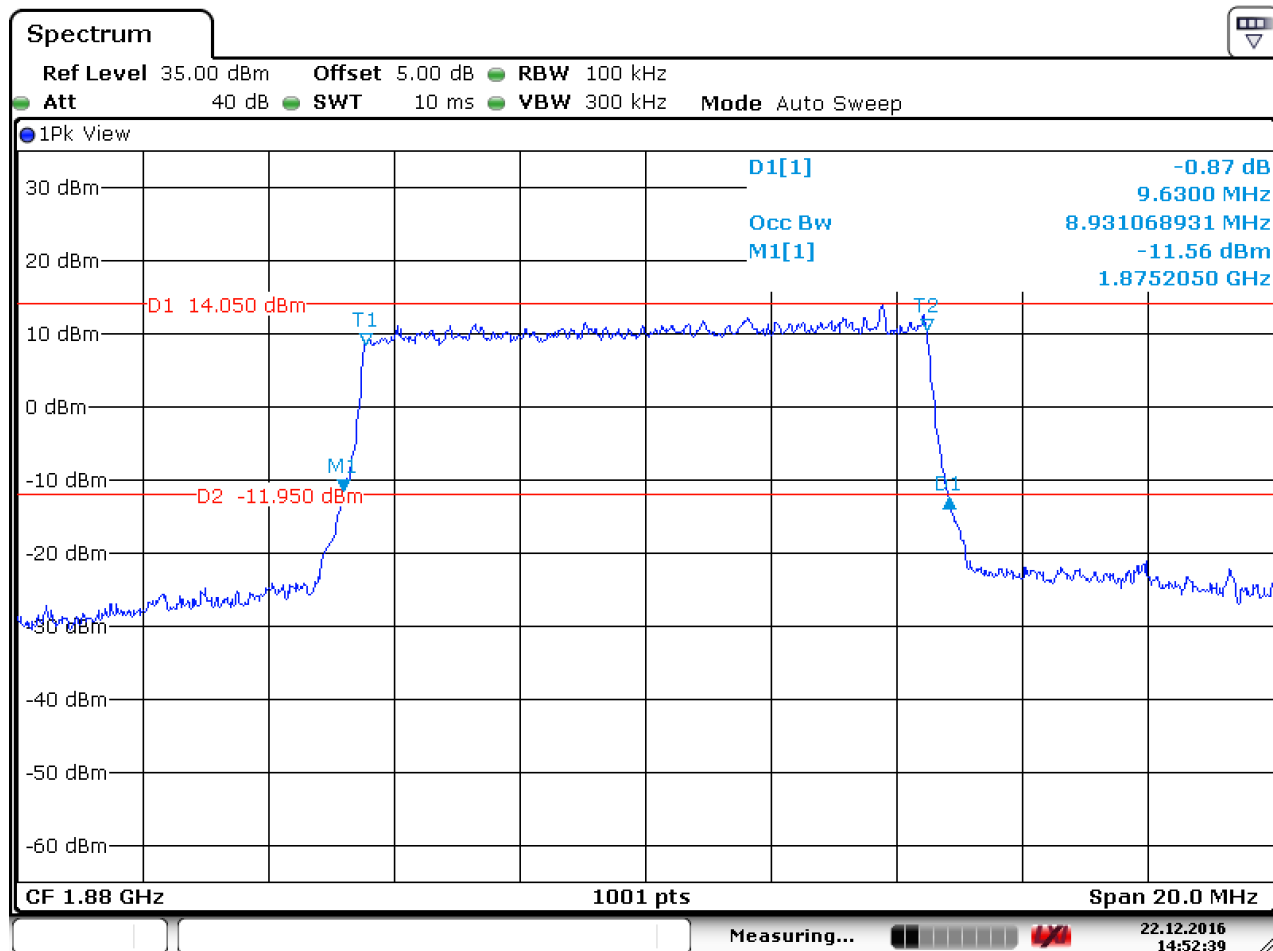


Date: 22.DEC.2016 14:52:39





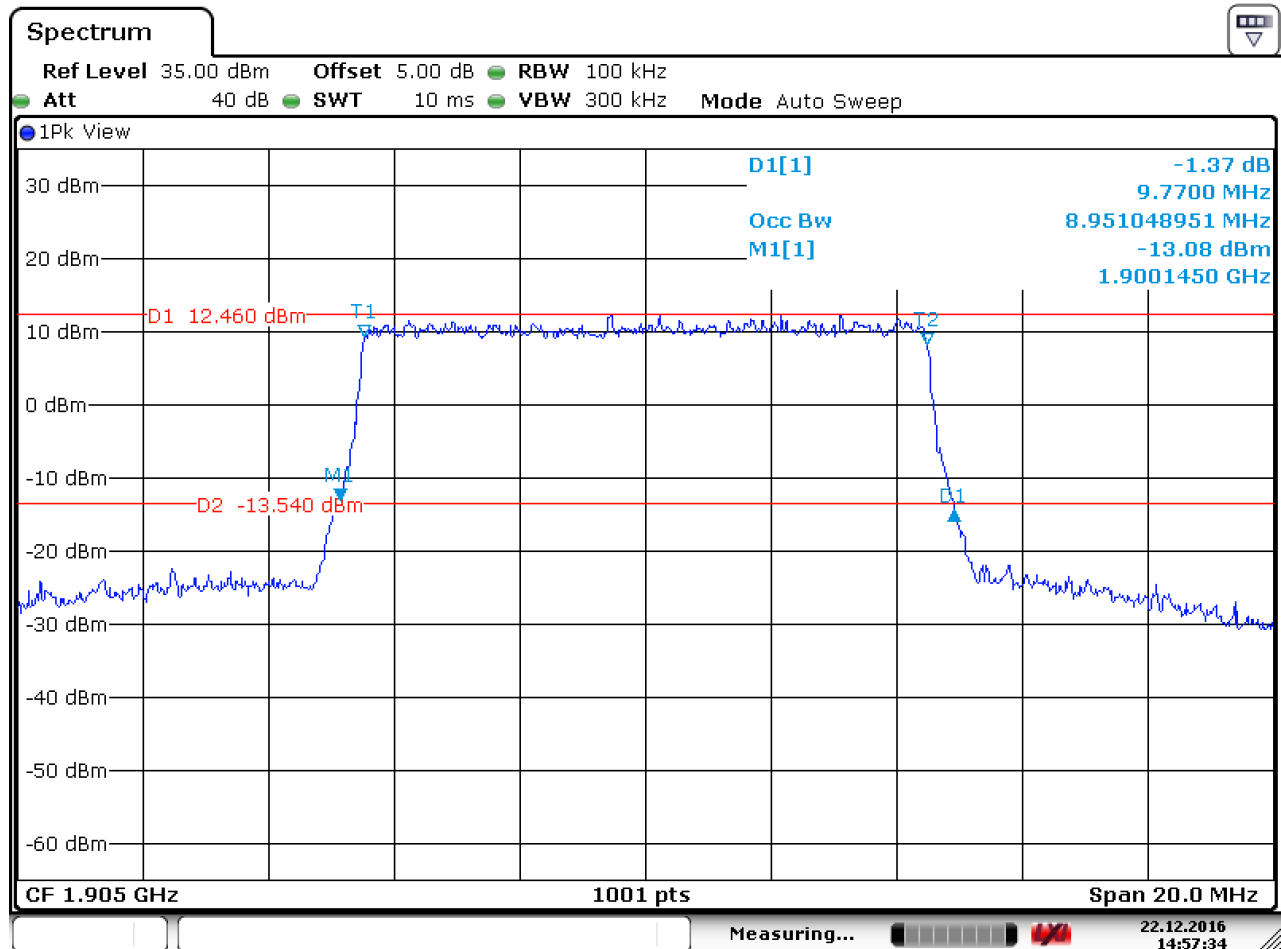
4.1.1.8.2 Test Channel = MCH



Date: 22.DEC.2016 14:52:39



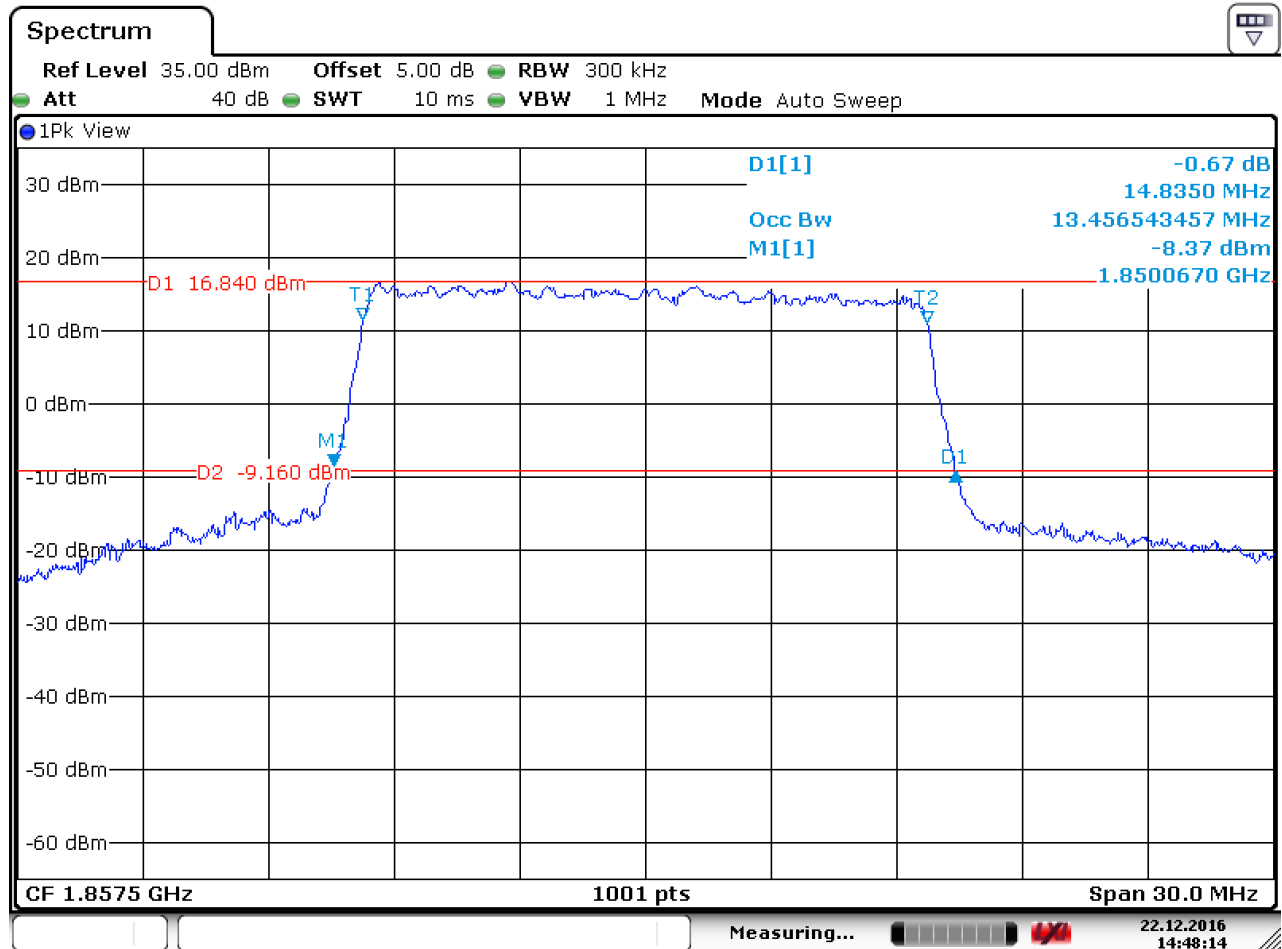
4.1.1.8.3 Test Channel = HCH



Date: 22.DEC.2016 14:57:34

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

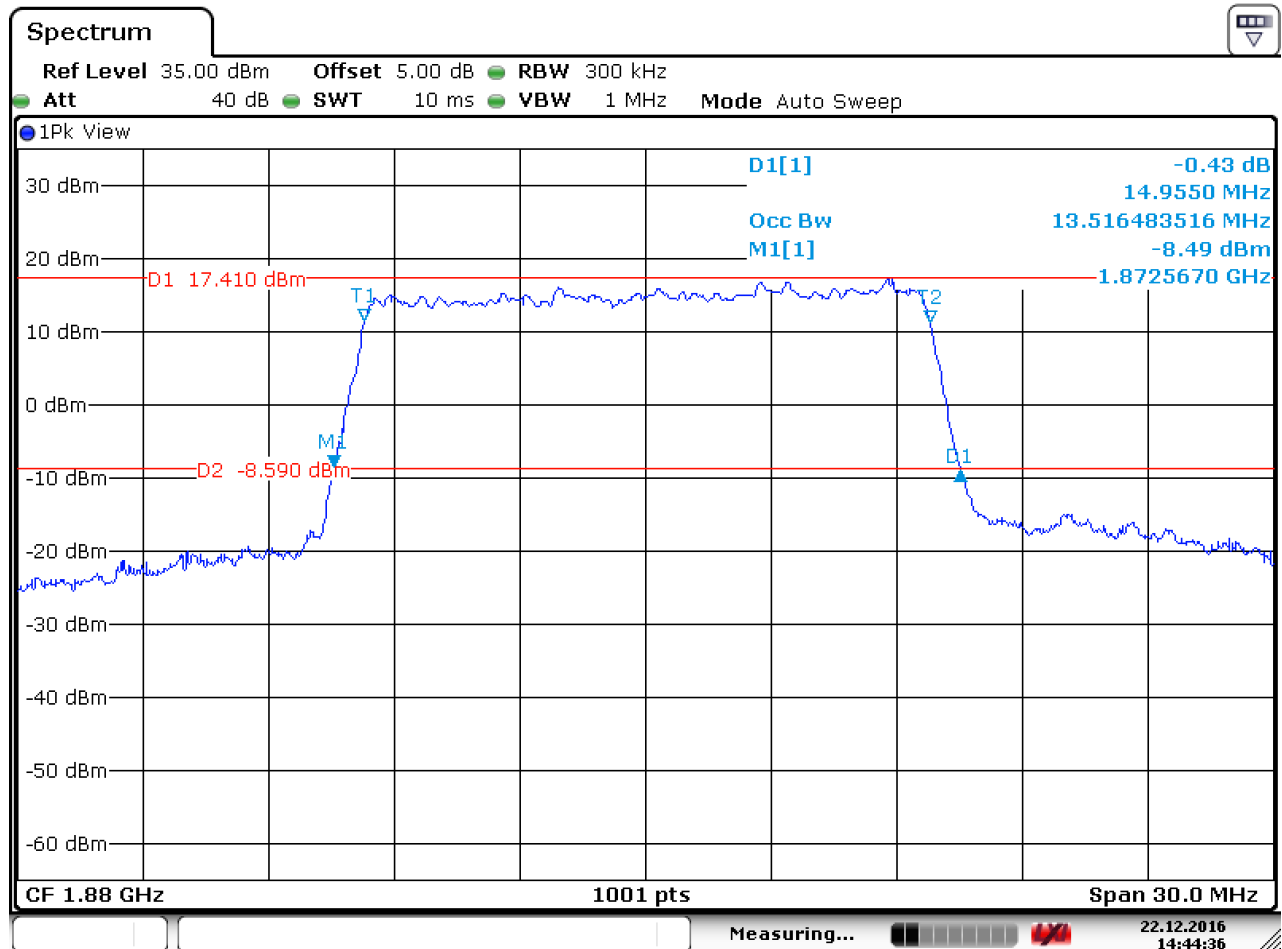
#### 4.1.1.9.1 Test Channel = LCH



Date: 22.DEC.2016 14:48:15



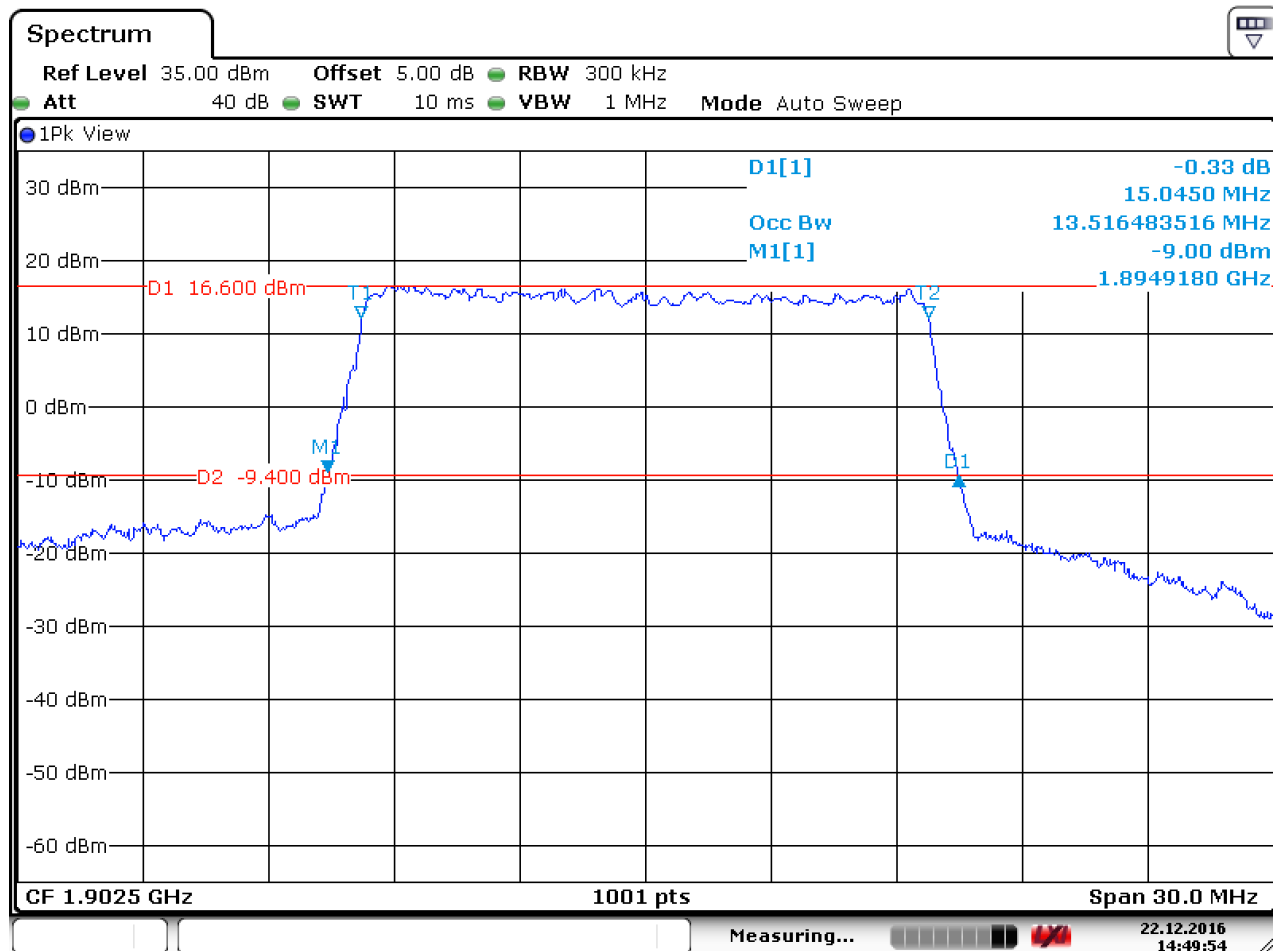
4.1.1.9.2 Test Channel = MCH



Date: 22.DEC.2016 14:44:37



4.1.1.9.3 Test Channel = HCH

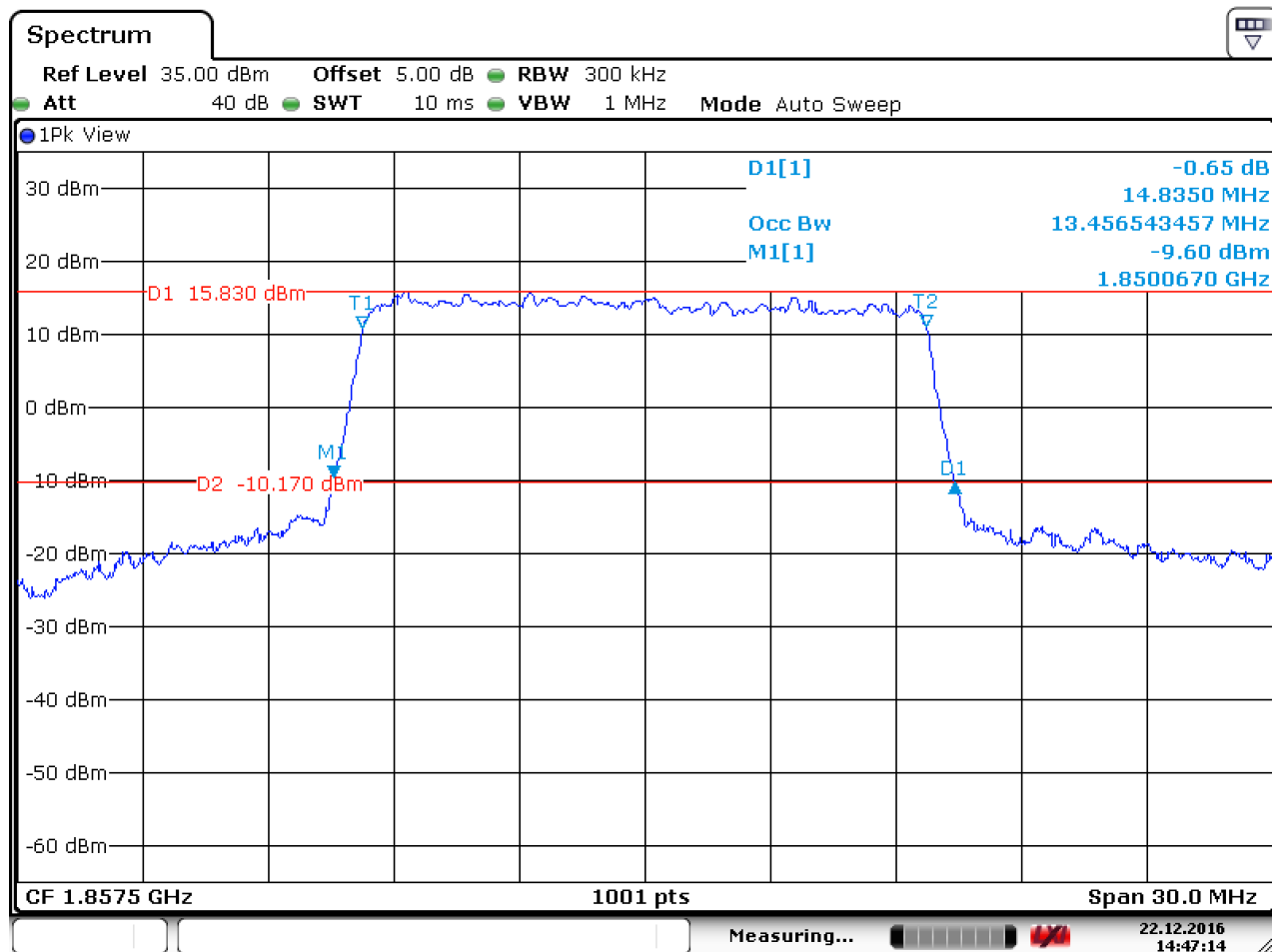


Date: 22.DEC.2016 14:49:54



4.1.1.10 Test Mode = LTE/TM2 15MHz

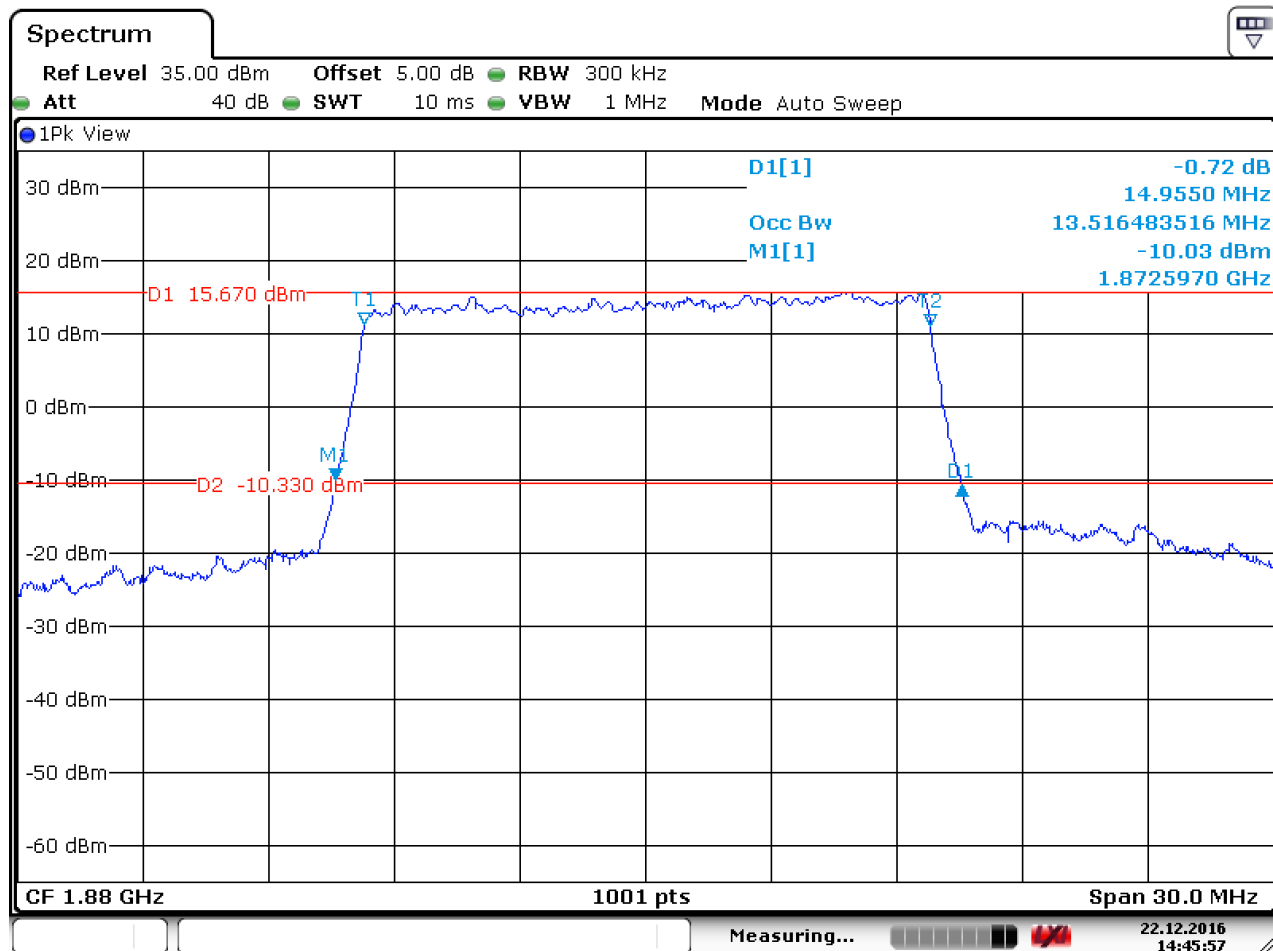
4.1.1.10.1 Test Channel = LCH



Date: 22.DEC.2016 14:47:14



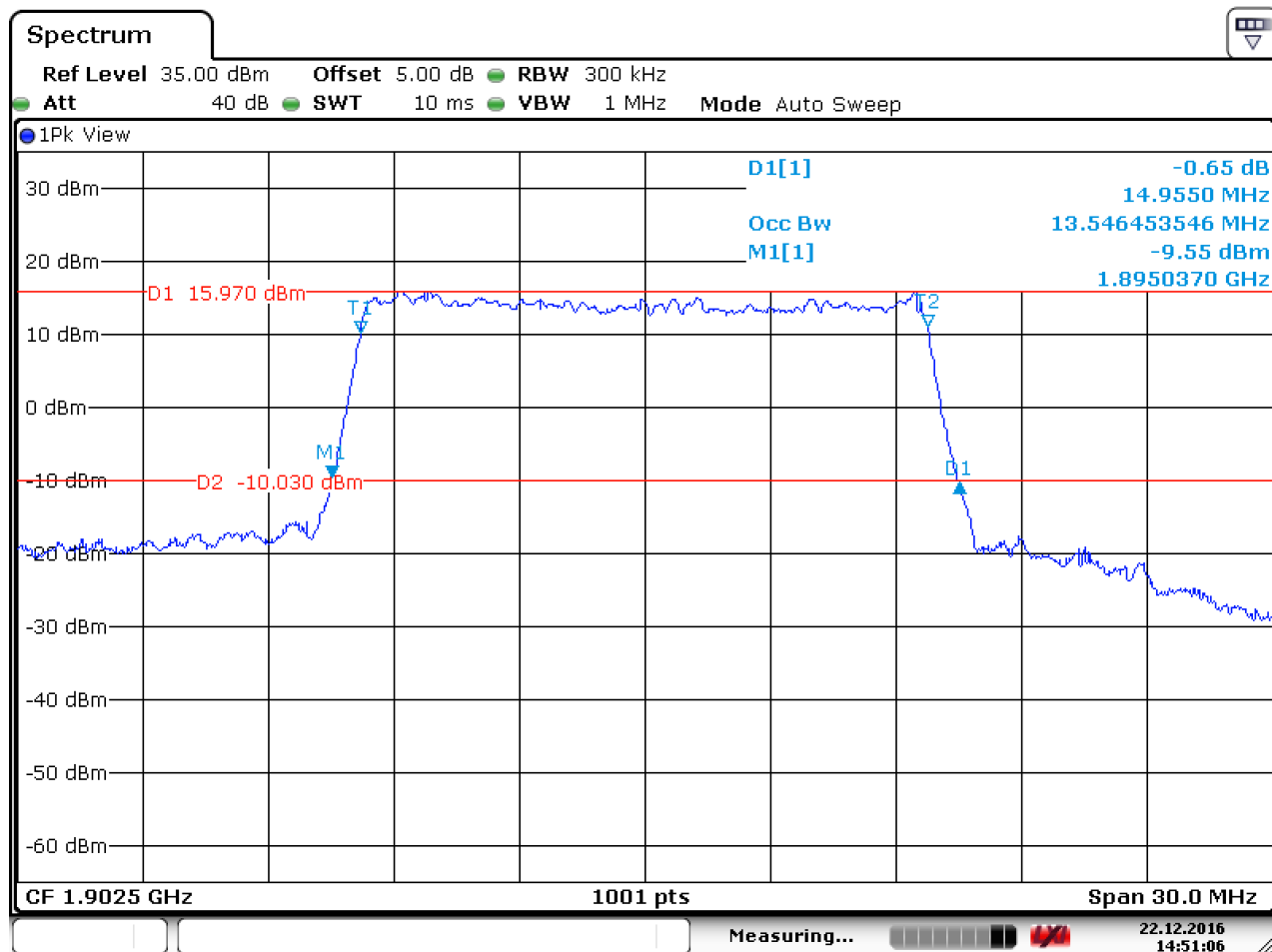
4.1.1.10.2 Test Channel = MCH



Date: 22.DEC.2016 14:45:57



4.1.1.10.3 Test Channel = HCH



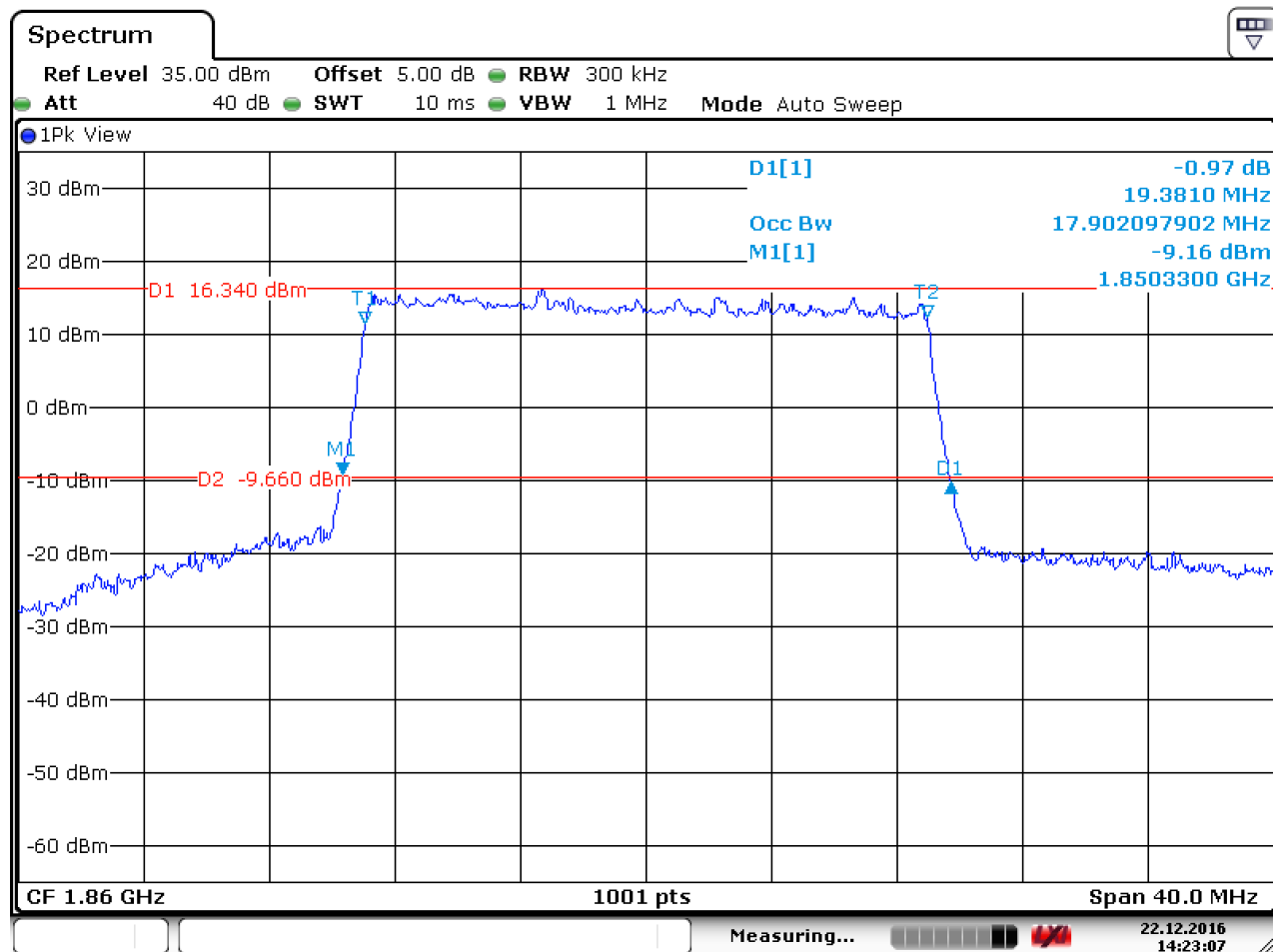
Date: 22.DEC.2016 14:51:06





4.1.1.11 Test Mode = LTE/TM1 20MHz

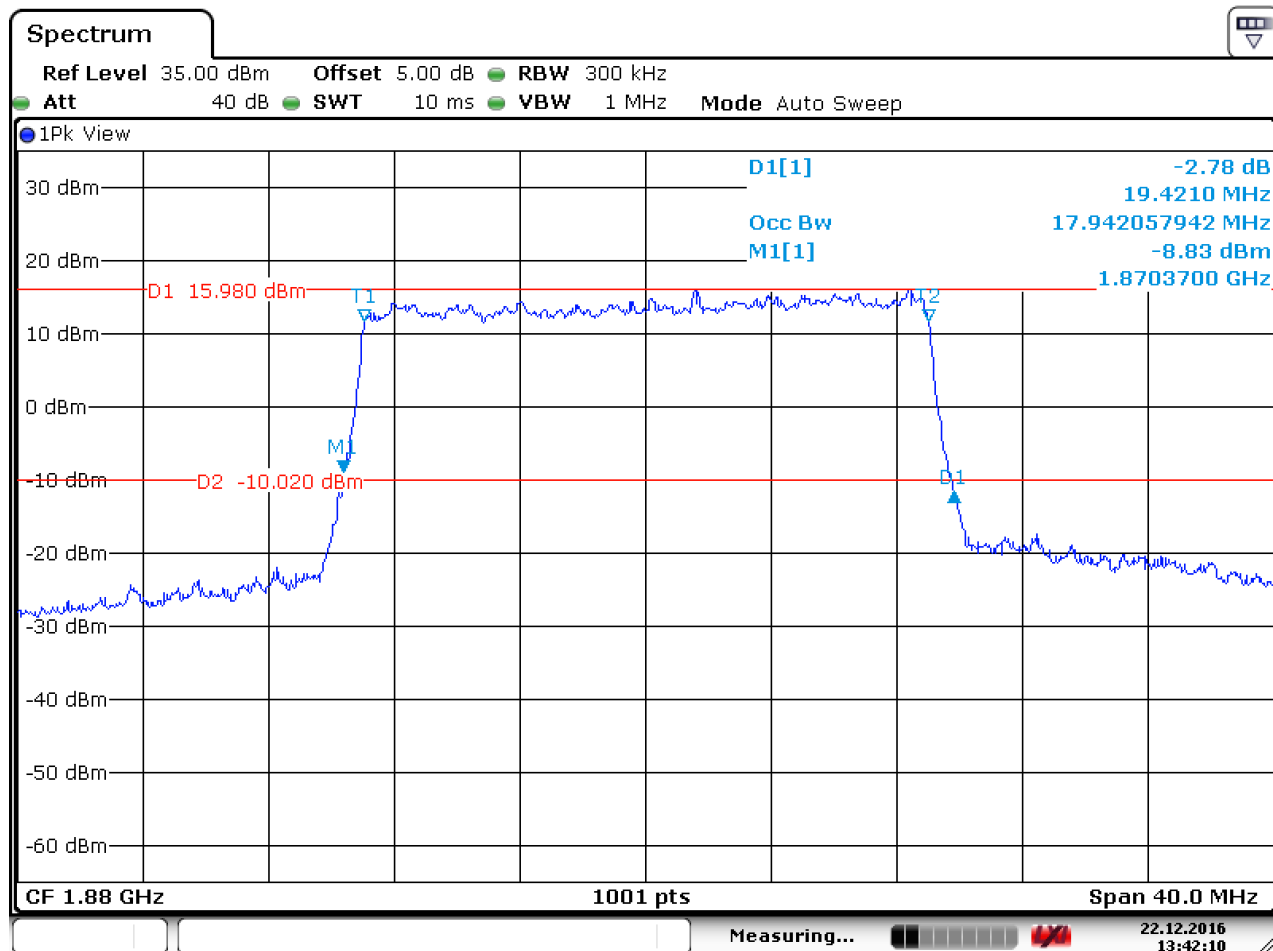
4.1.1.11.1 Test Channel = LCH



Date: 22.DEC.2016 14:23:07



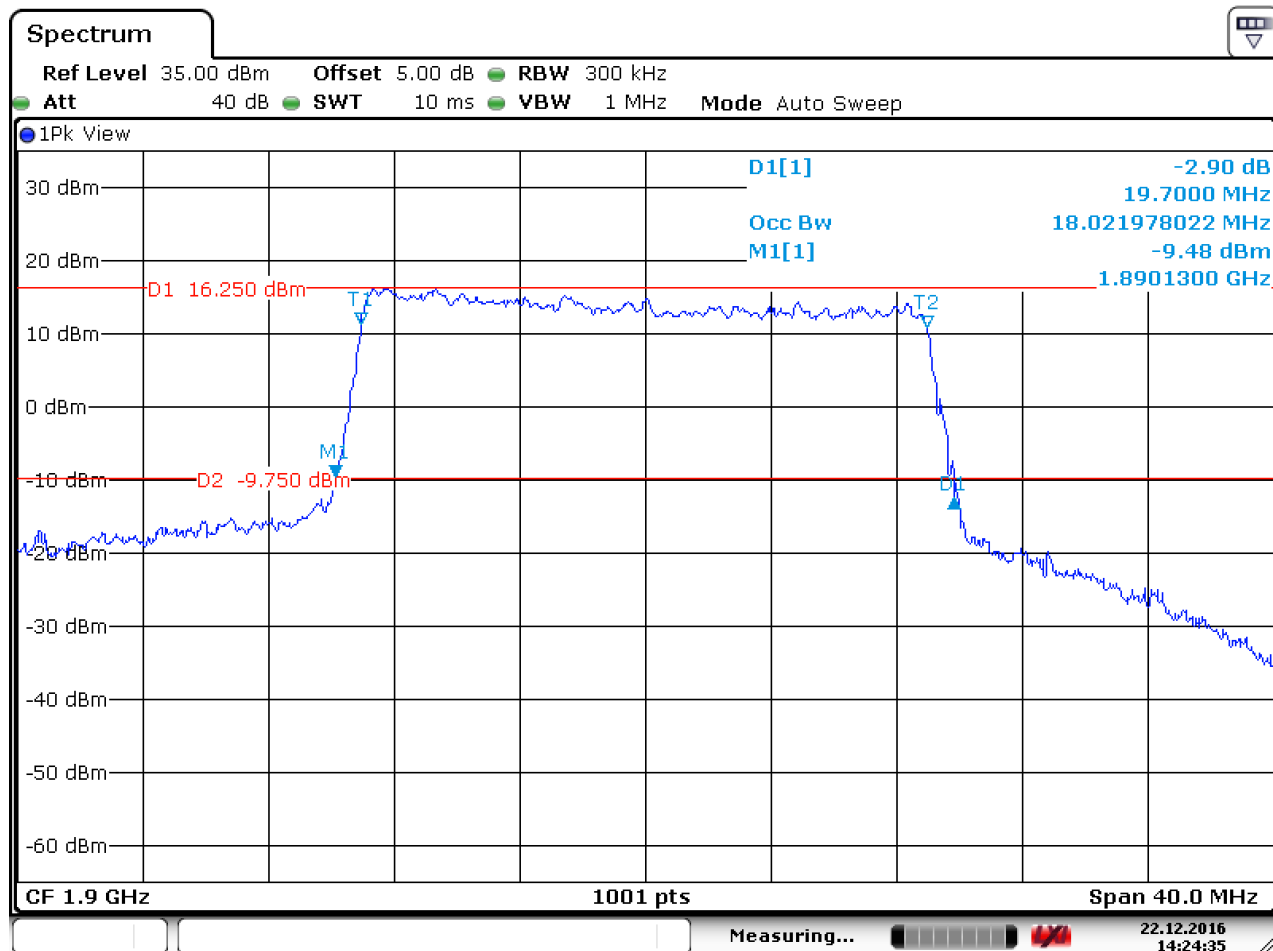
4.1.1.11.2 Test Channel = MCH



Date: 22.DEC.2016 13:42:10



4.1.1.11.3 Test Channel = HCH

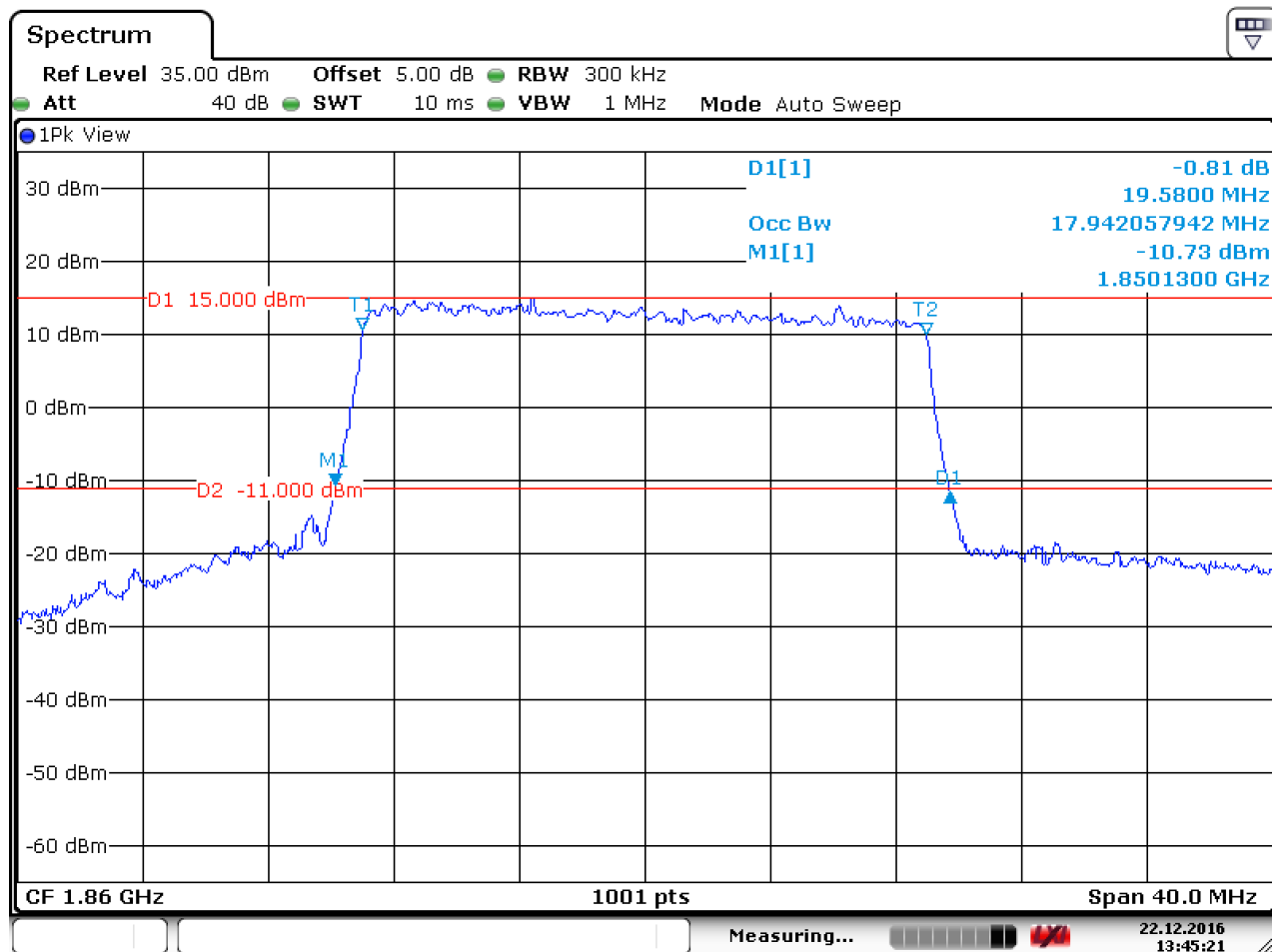


Date: 22.DEC.2016 14:24:35



4.1.1.12 Test Mode = LTE/TM2 20MHz

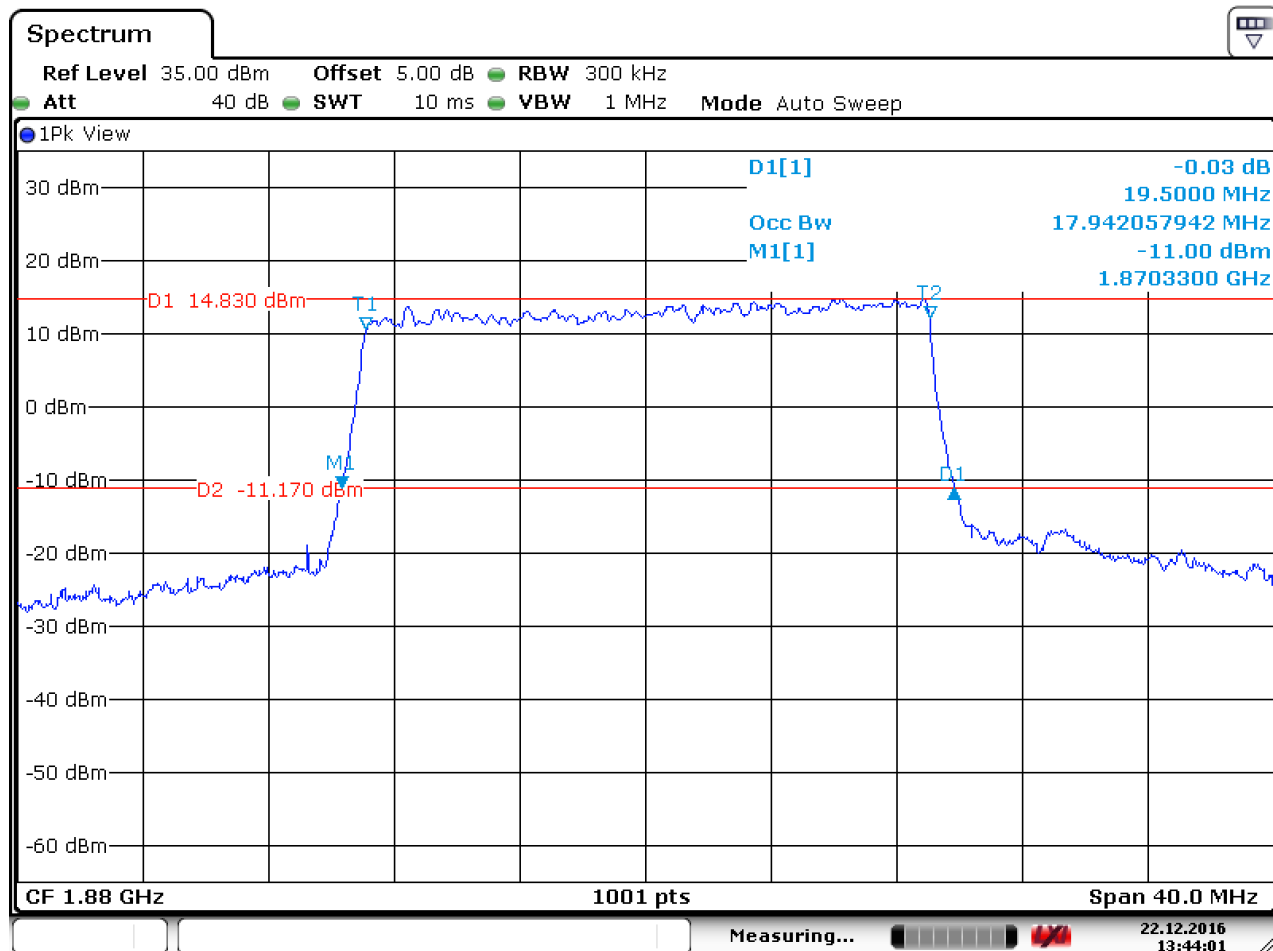
4.1.1.12.1 Test Channel = LCH



Date: 22.DEC.2016 13:45:21



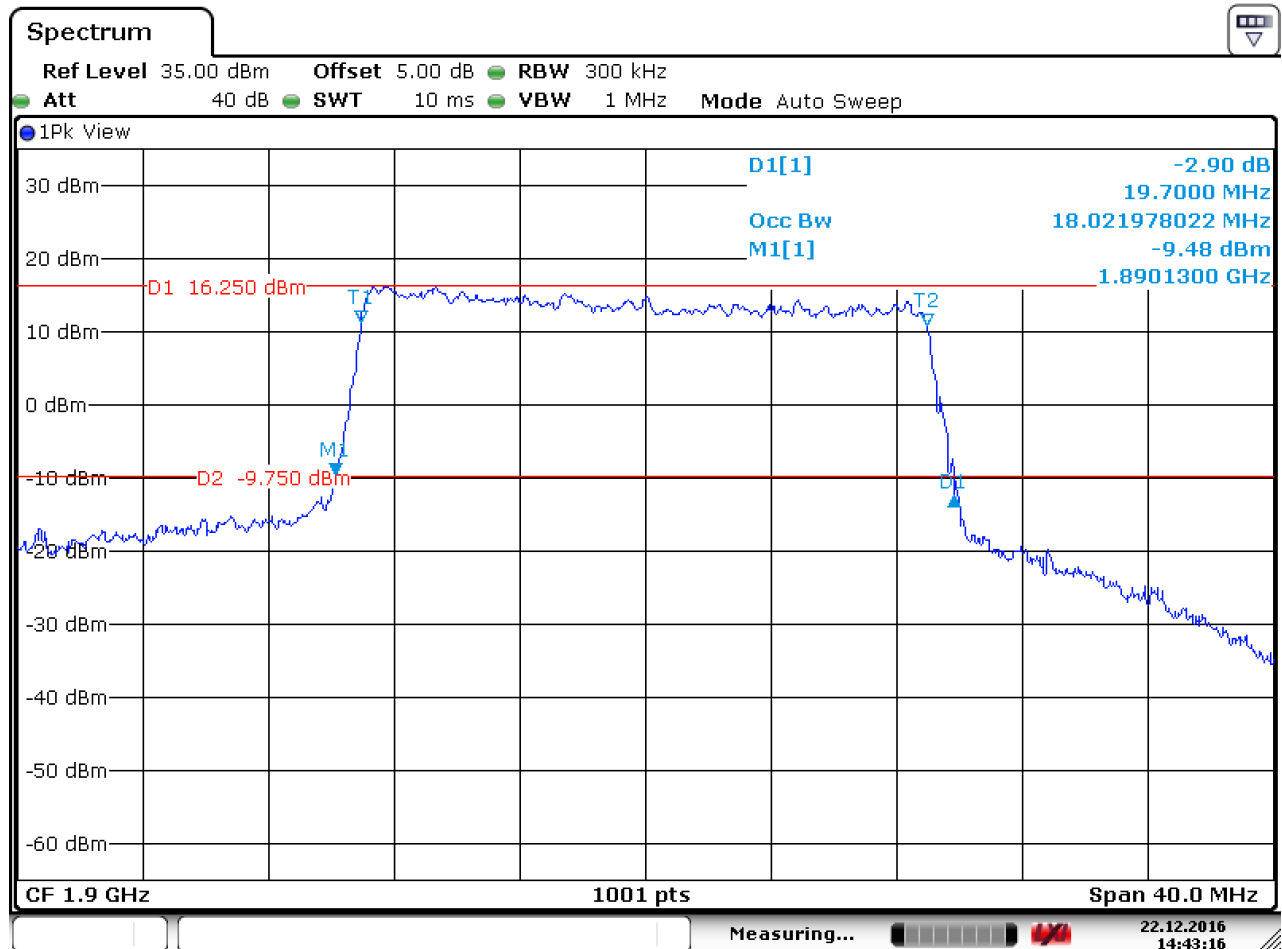
4.1.1.12.2 Test Channel = MCH



Date: 22.DEC.2016 13:44:02



4.1.1.12.3 Test Channel = HCH



Date: 22.DEC.2016 14:43:17



## 5 Band Edges Compliance

Part I –

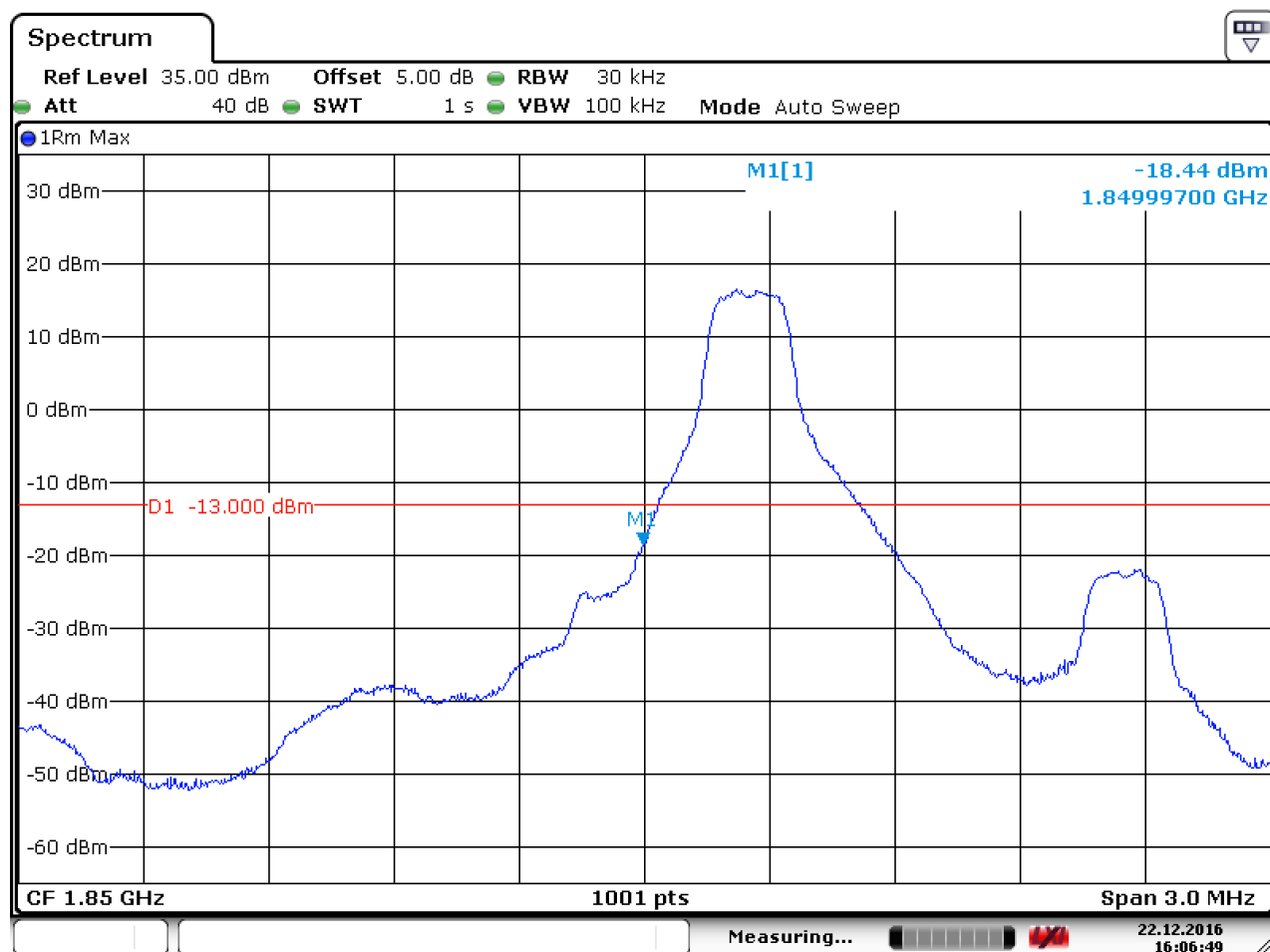
### 5.1 For LTE

#### 5.1.1 Test Band = LTE band2

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

##### 5.1.1.1.1 Test Channel = LCH

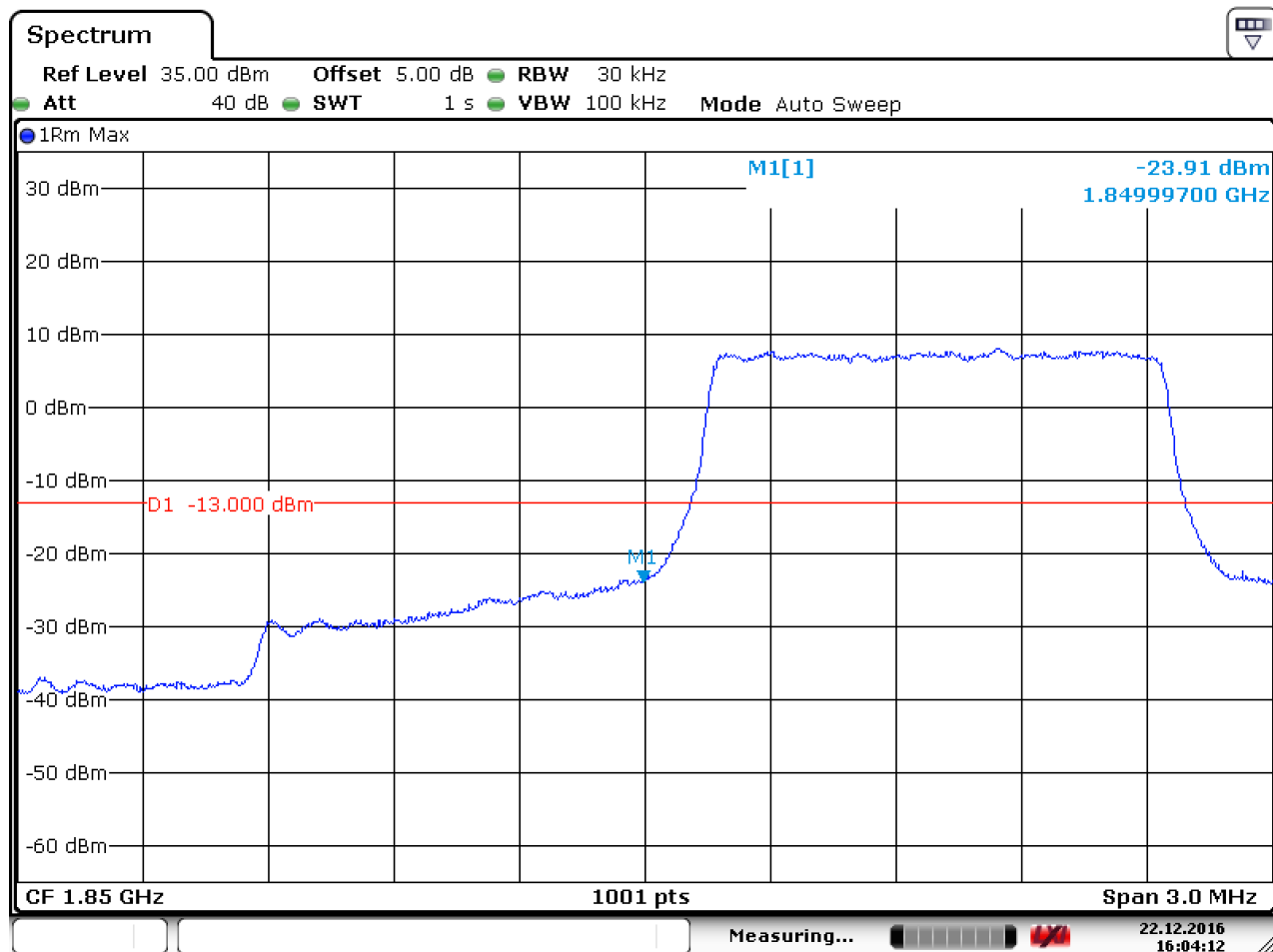
##### 5.1.1.1.1.1 Test RB=1RB



Date: 22.DEC.2016 16:06:49



5.1.1.1.2 Test RB=6RB



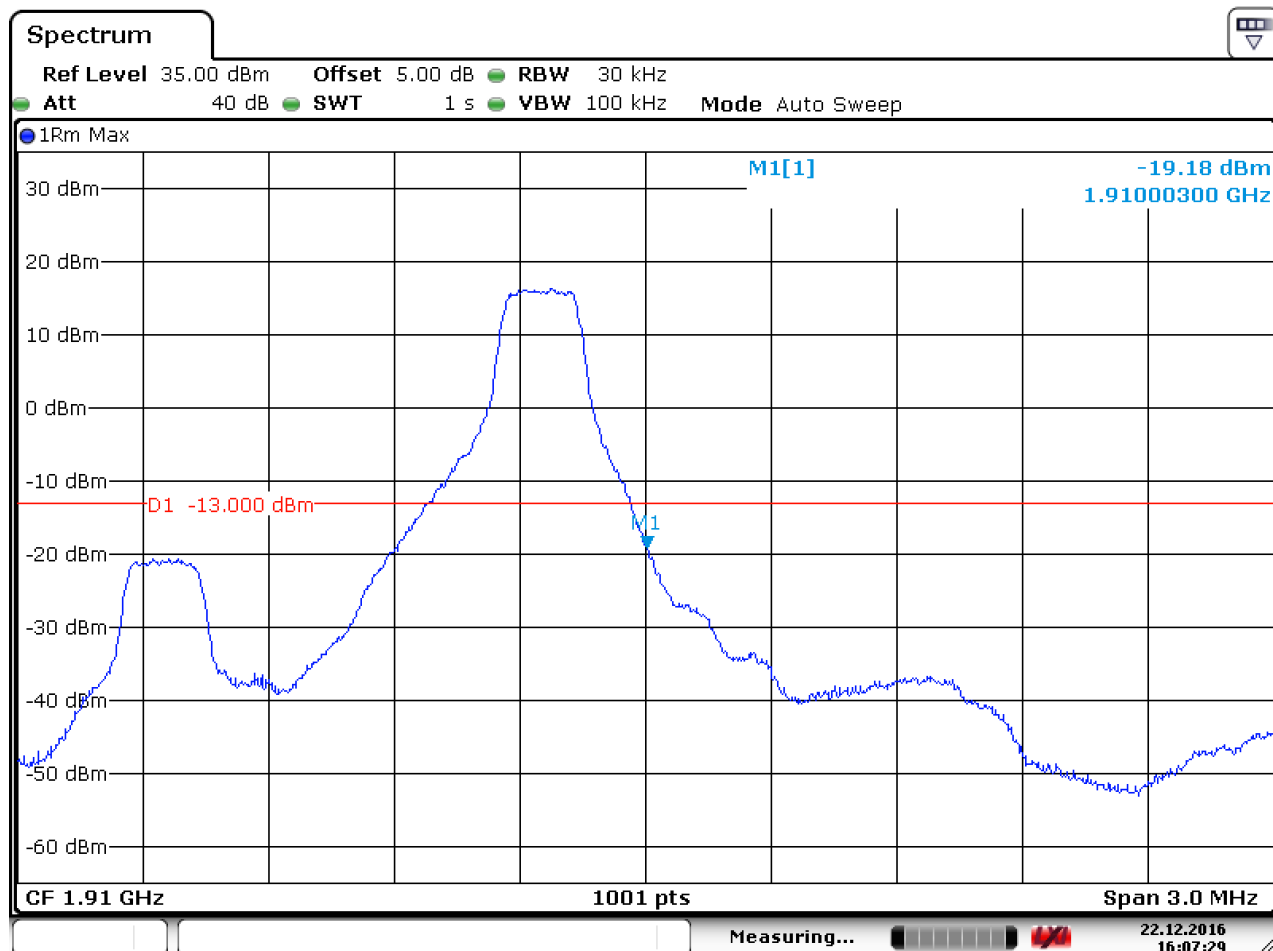
Date: 22.DEC.2016 16:04:13





5.1.1.1.2 Test Channel = HCH

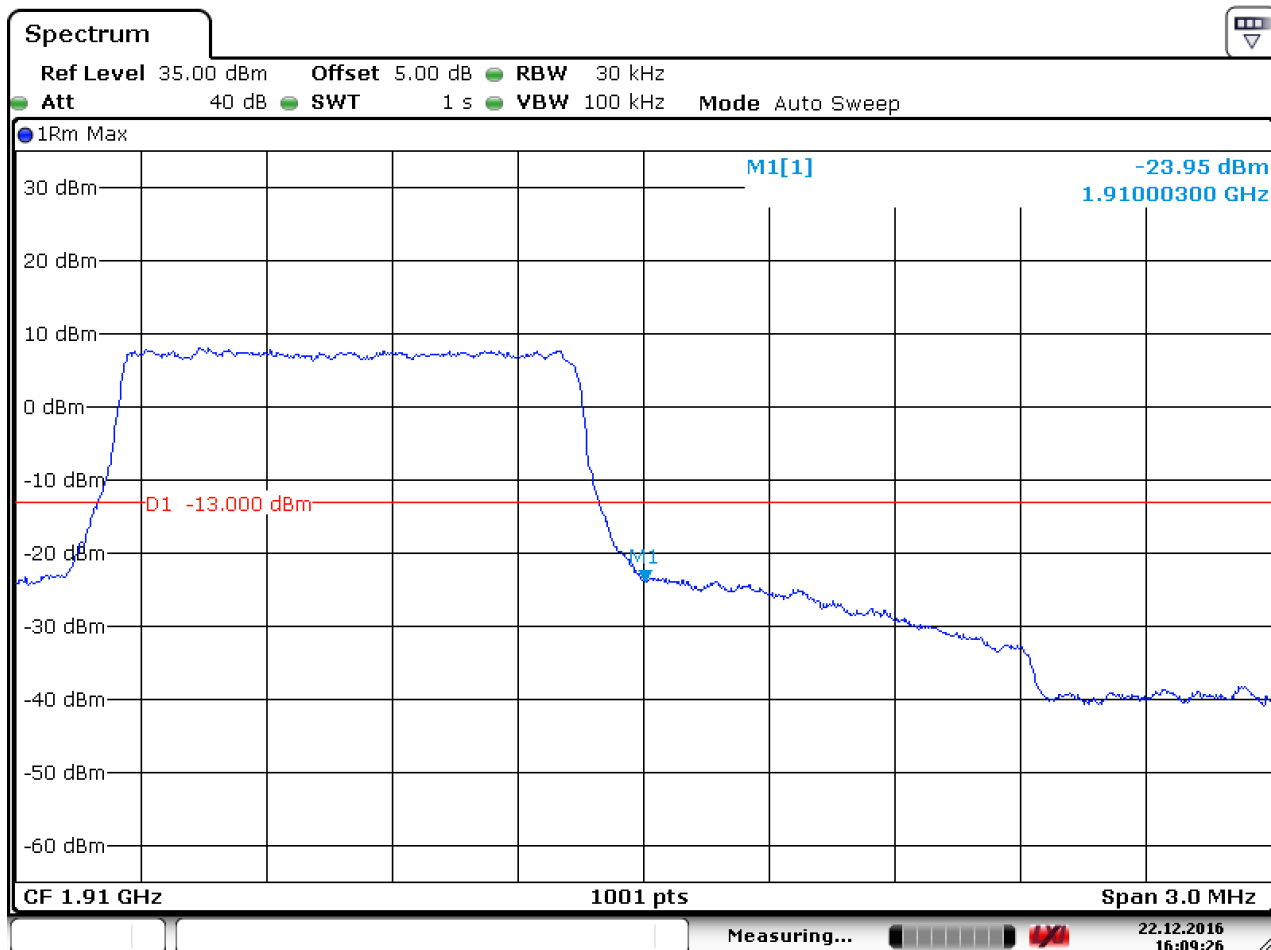
5.1.1.1.2.1 Test RB=1RB



Date: 22.DEC.2016 16:07:30



5.1.1.1.2.2 Test RB=6RB

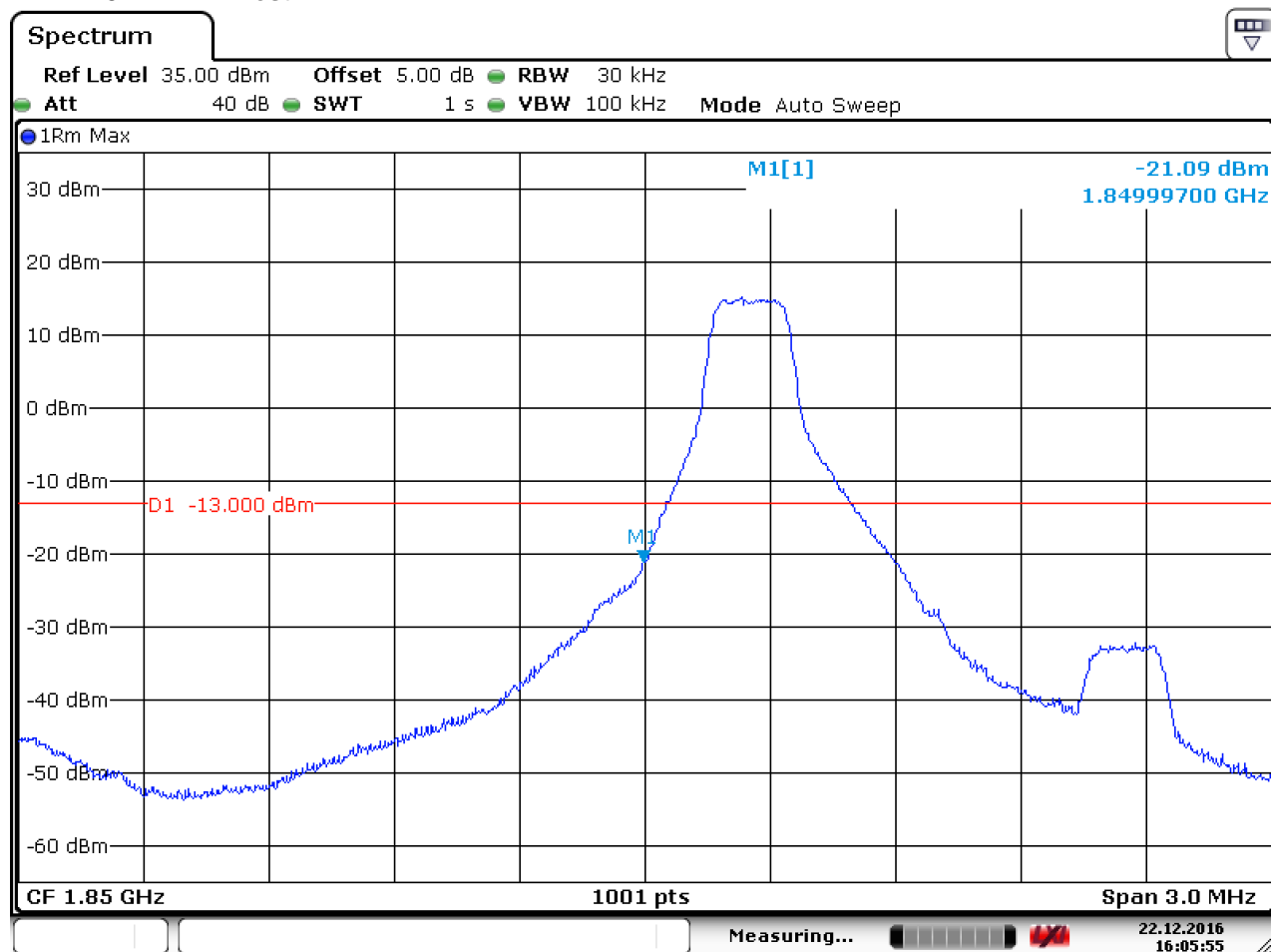


Date: 22.DEC.2016 16:09:26



5.1.1.2 Test Mode = LTE/TM2 1.4MHz  
5.1.1.2.1 Test Channel = LCH

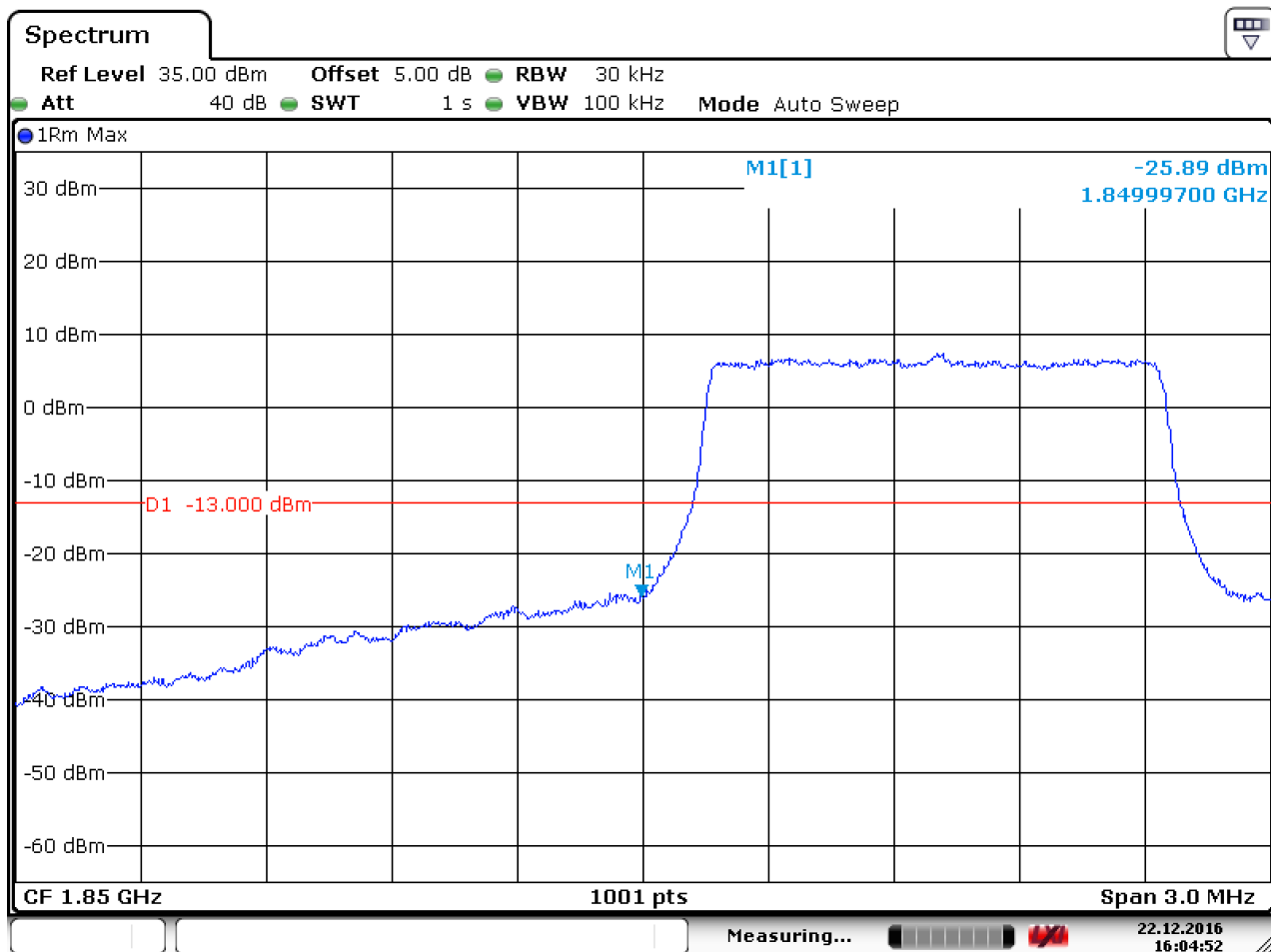
5.1.1.2.1.1 Test RB=1RB



Date: 22.DEC.2016 16:05:56



5.1.1.2.1.2 Test RB=6RB

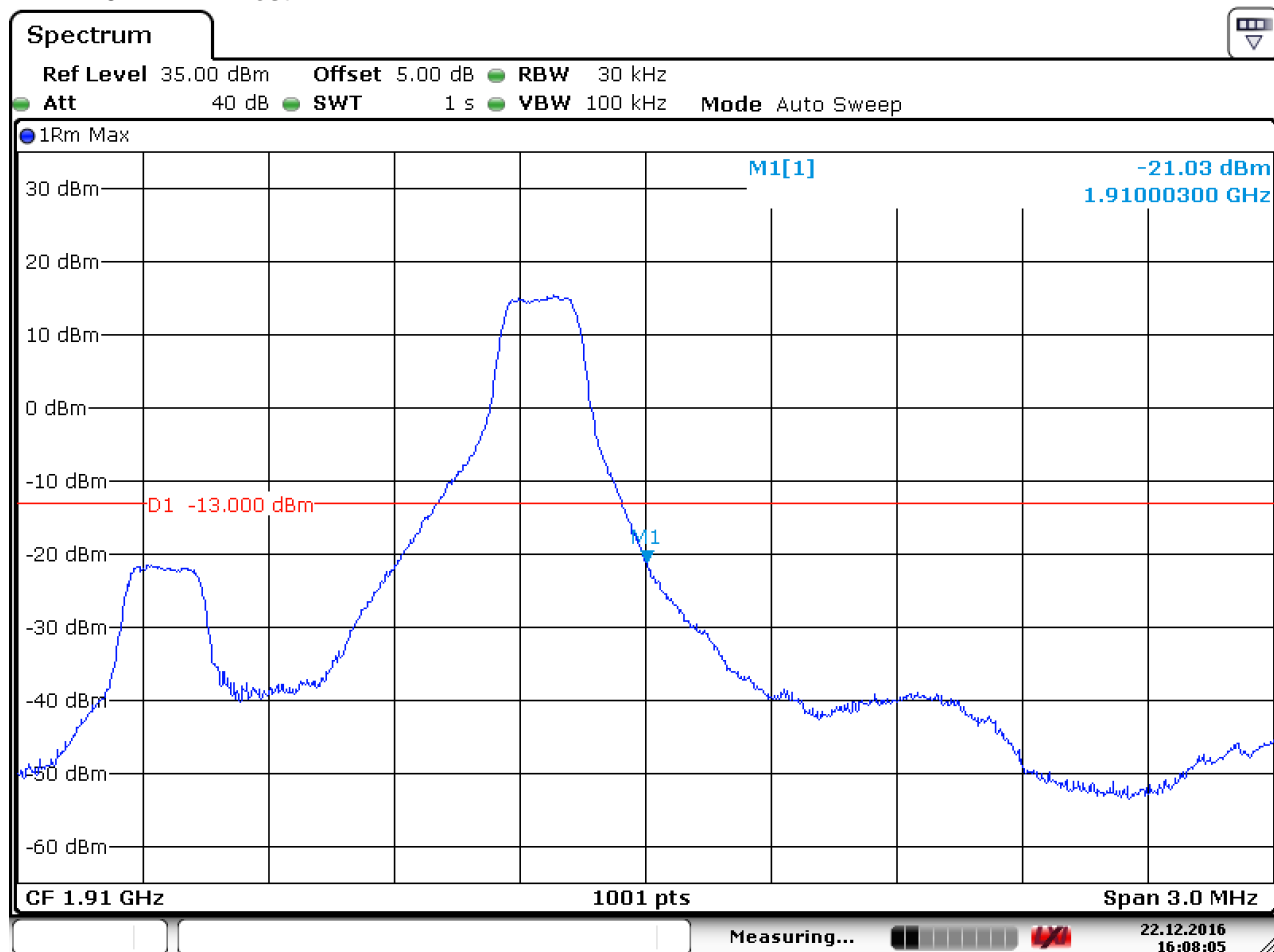


Date: 22.DEC.2016 16:04:53



5.1.1.2.2 Test Channel = HCH

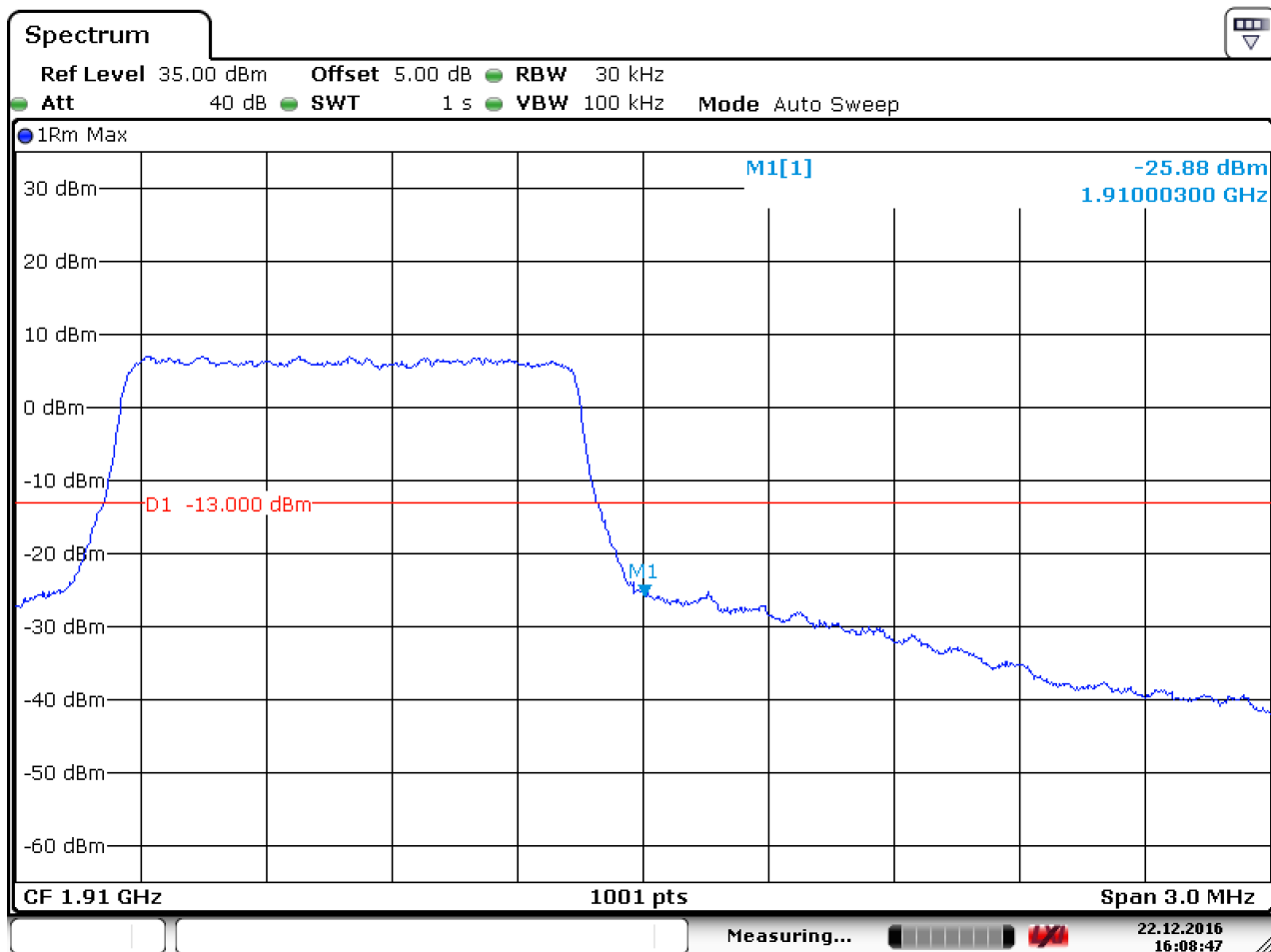
5.1.1.2.2.1 Test RB=1RB



Date: 22.DEC.2016 16:08:05



5.1.1.2.2.2 Test RB=6RB



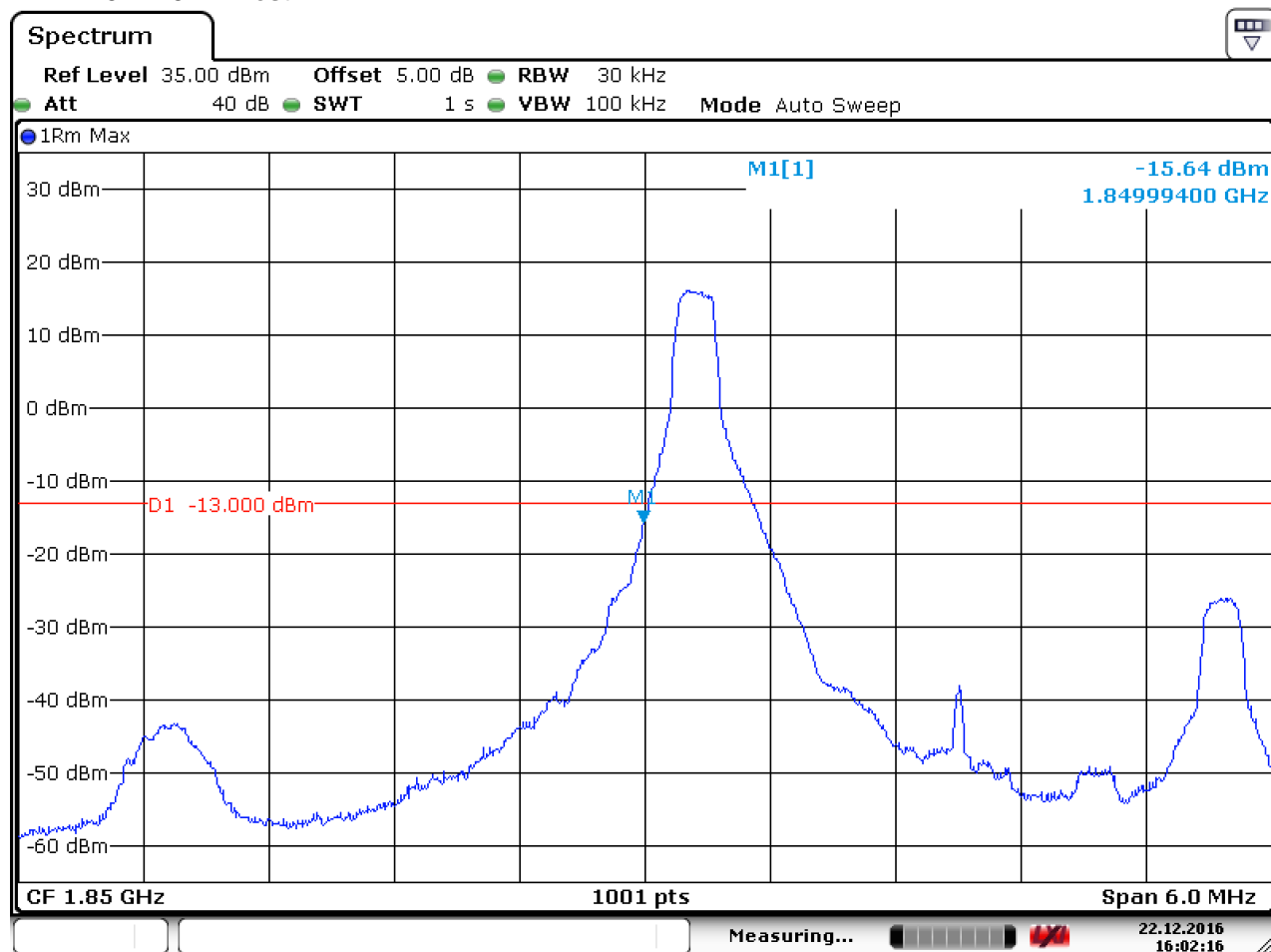
Date: 22.DEC.2016 16:08:48



5.1.1.3 Test Mode = LTE/TM1 3MHz

5.1.1.3.1 Test Channel = LCH

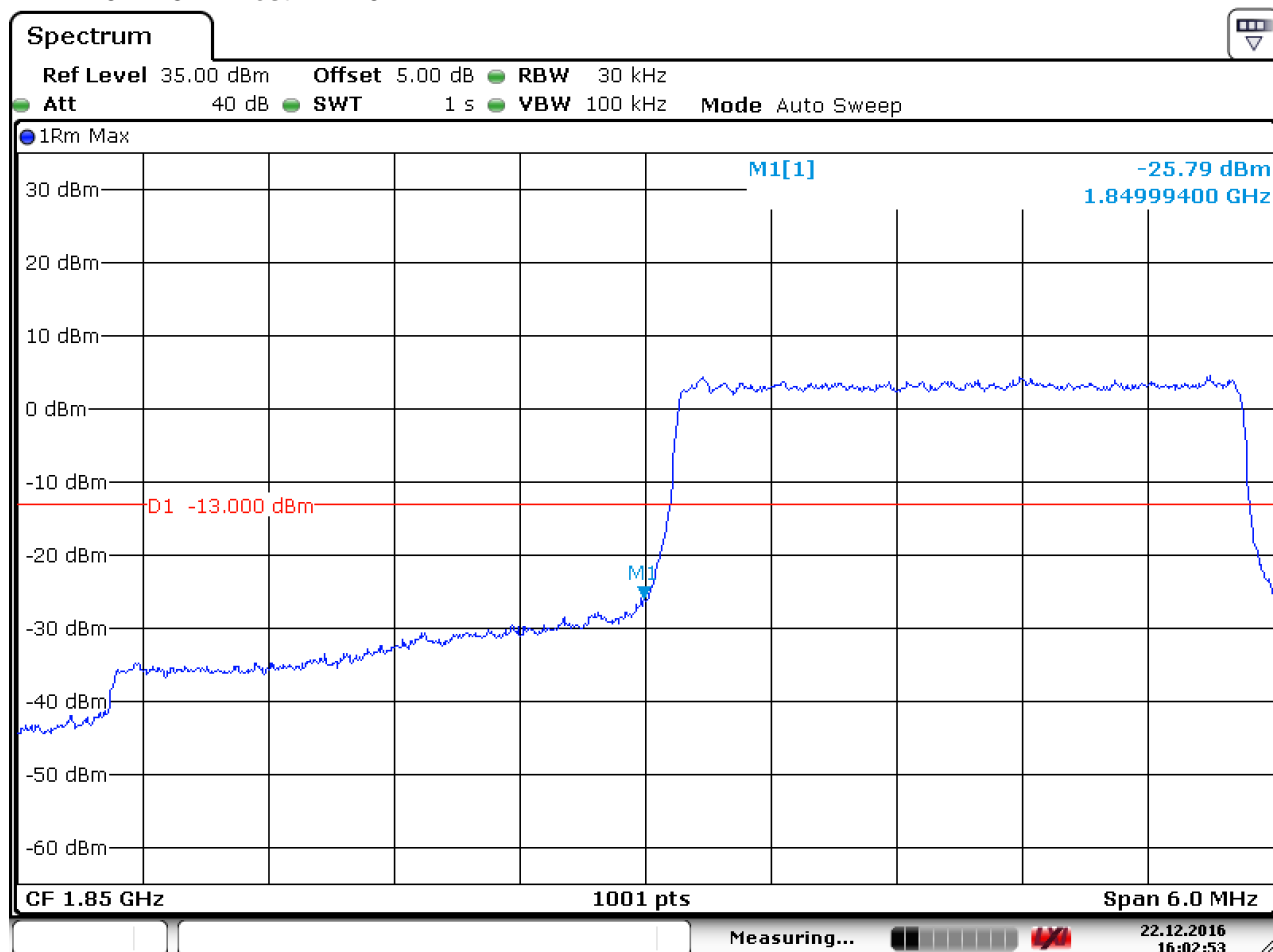
5.1.1.3.1.1 Test RB=1RB



Date: 22.DEC.2016 16:02:16



5.1.1.3.1.2 Test RB=15RB



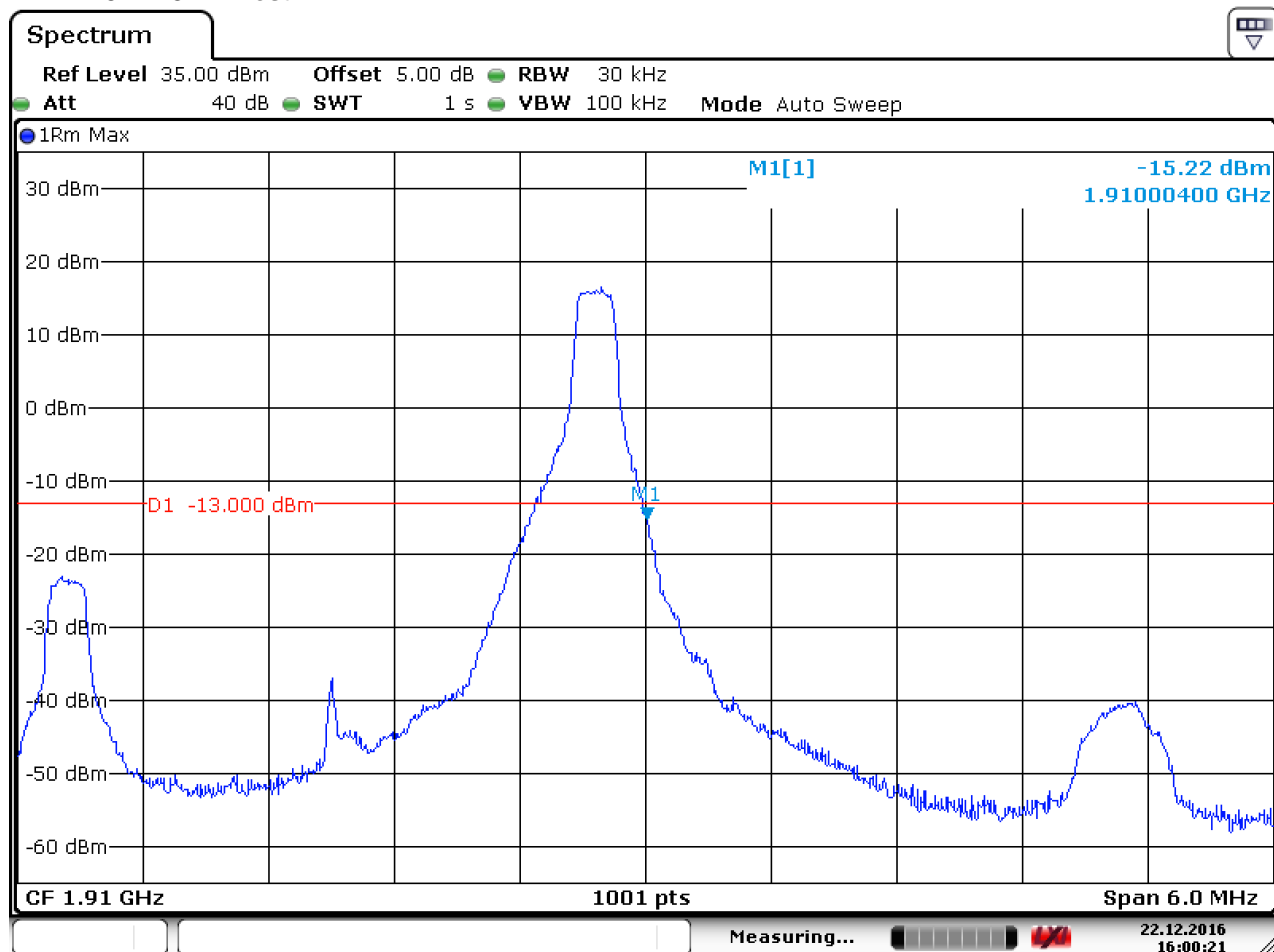
Date: 22.DEC.2016 16:02:53





5.1.1.3.2 Test Channel = HCH

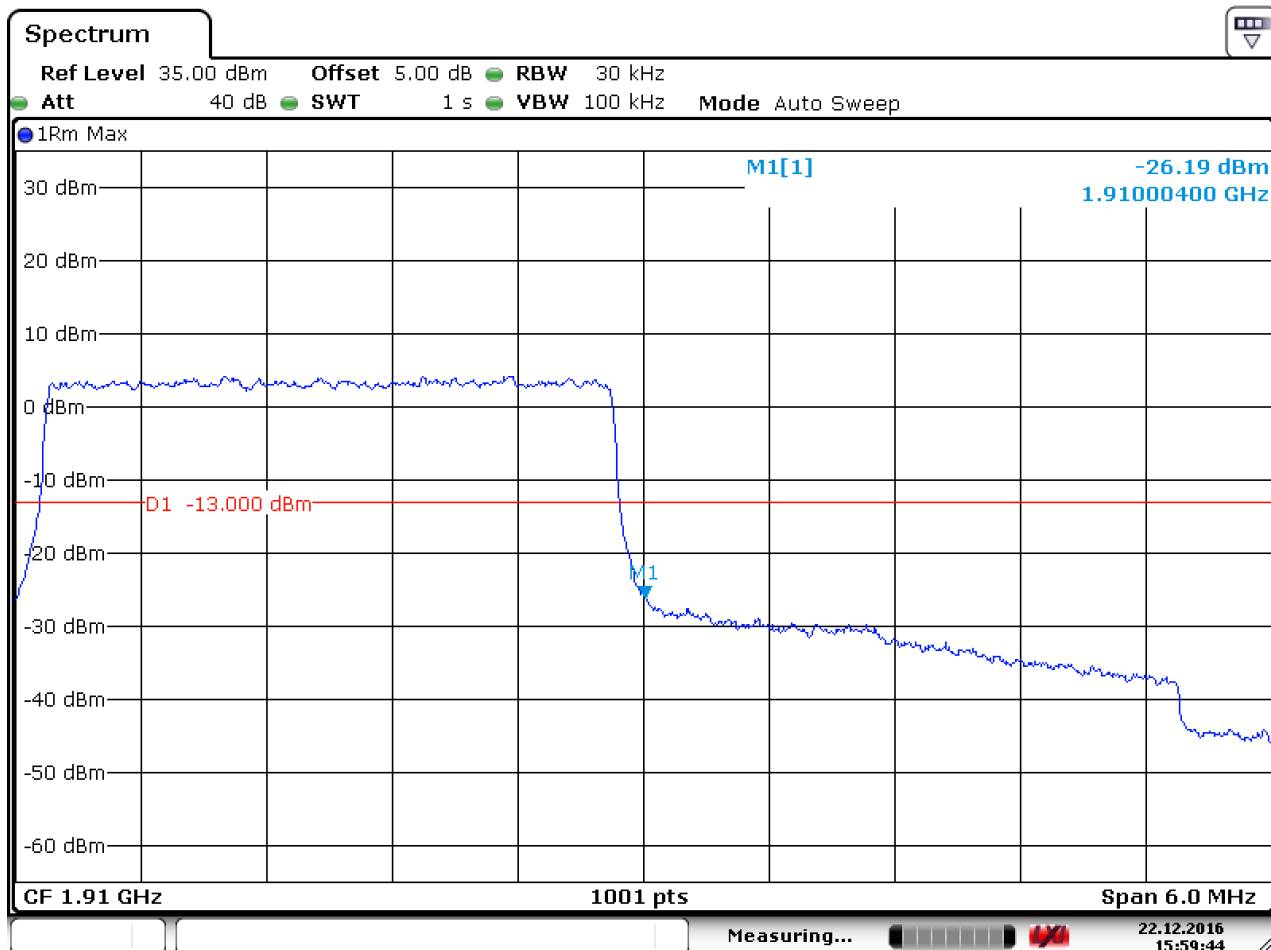
5.1.1.3.2.1 Test RB=1RB



Date: 22.DEC.2016 16:00:21



5.1.1.3.2.2 Test RB=15RB



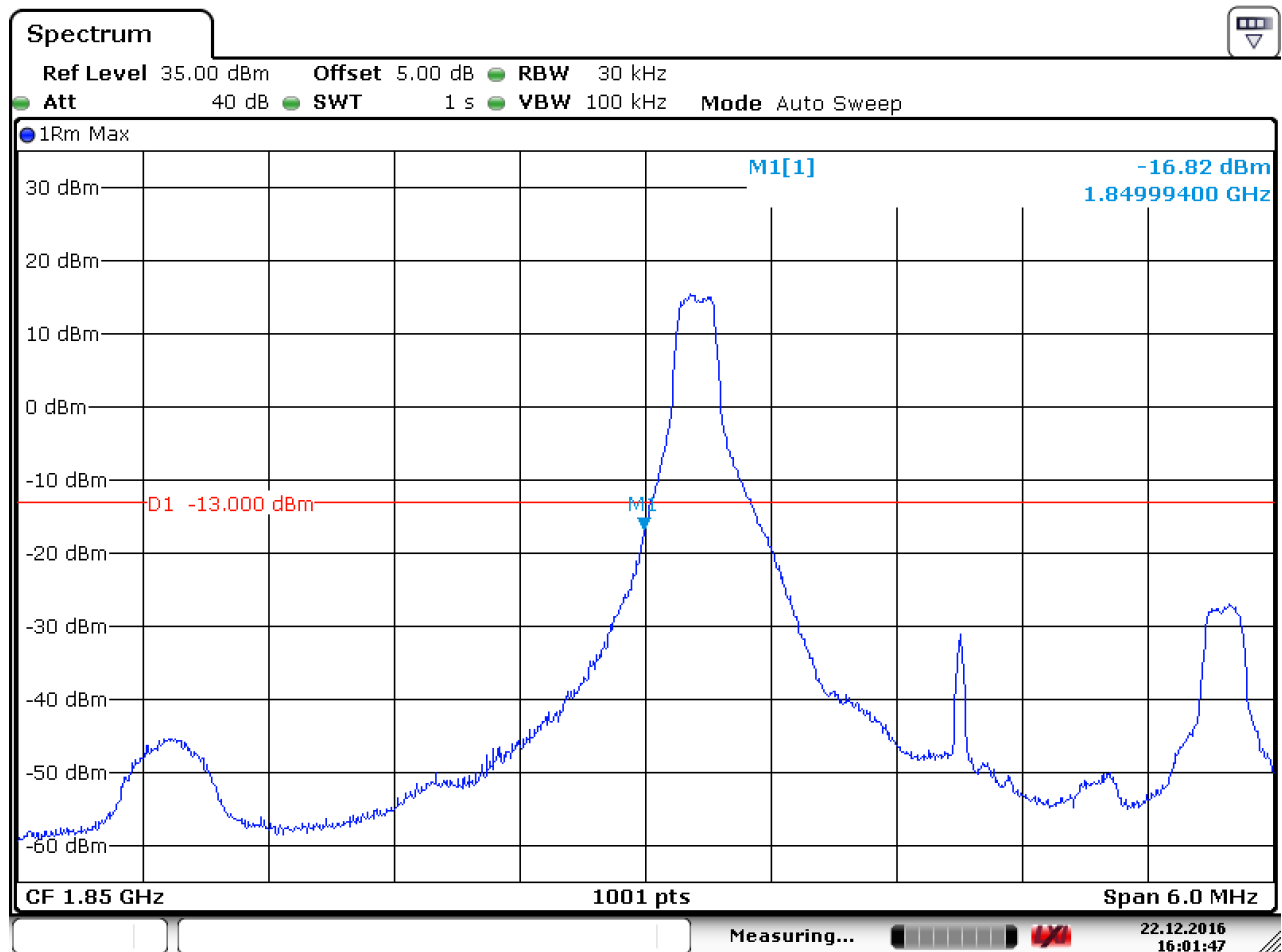
Date: 22.DEC.2016 15:59:45



5.1.1.4 Test Mode = LTE/TM2 3MHz

5.1.1.4.1 Test Channel = LCH

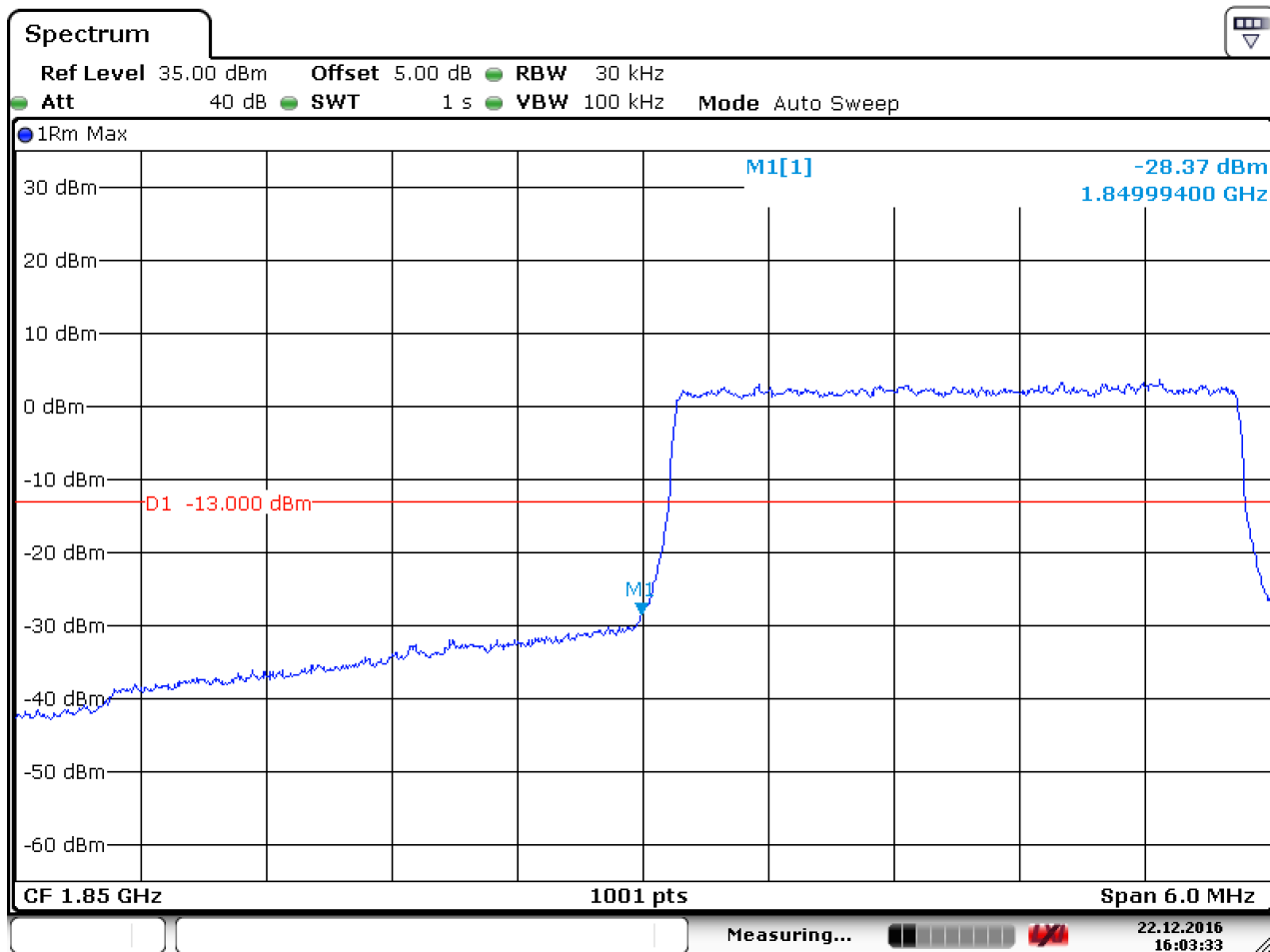
5.1.1.4.1.1 Test RB=1RB



Date: 22.DEC.2016 16:01:47



5.1.1.4.1.2 Test RB=15RB

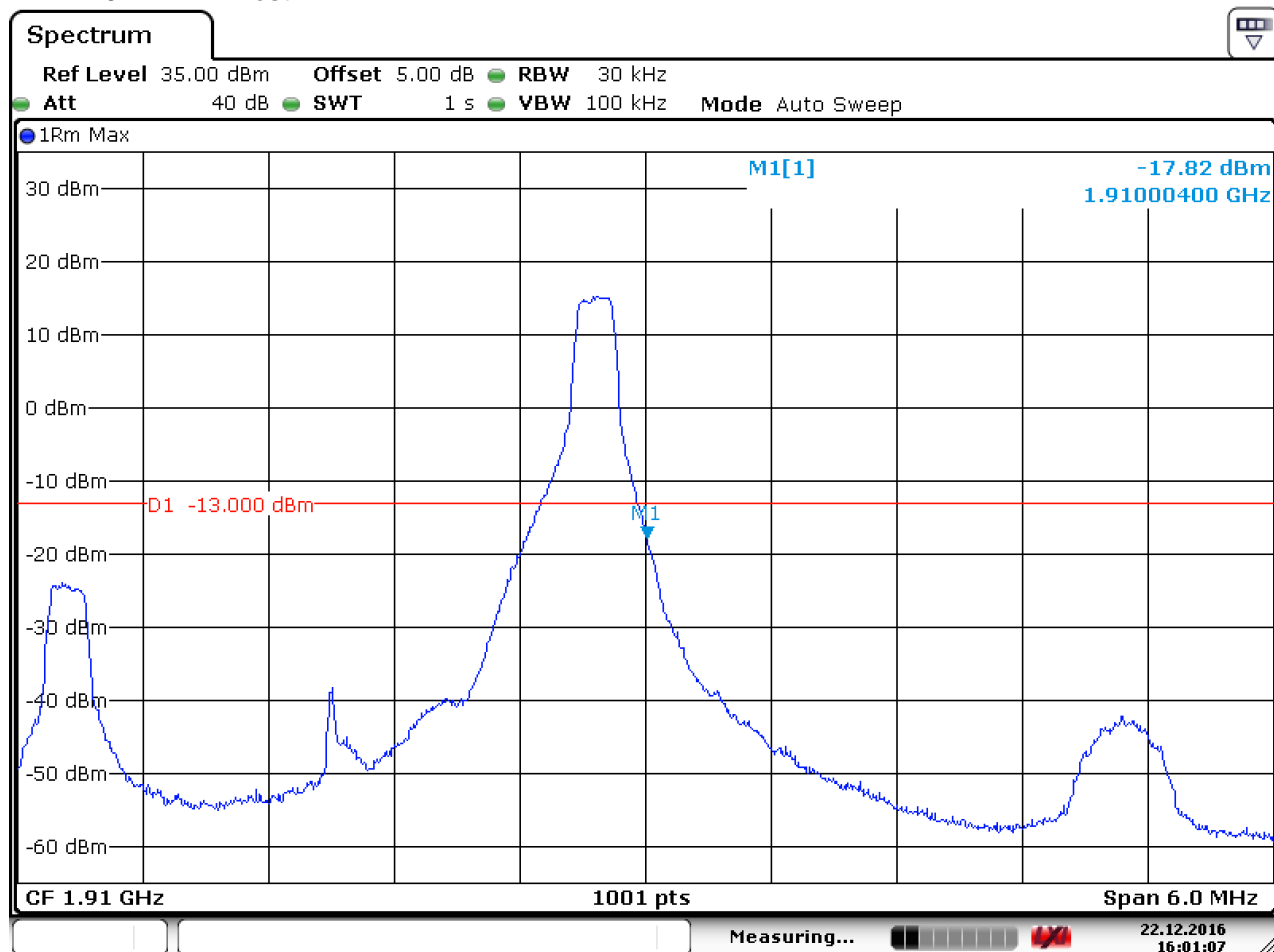


Date: 22.DEC.2016 16:03:33



5.1.1.4.2 Test Channel = HCH

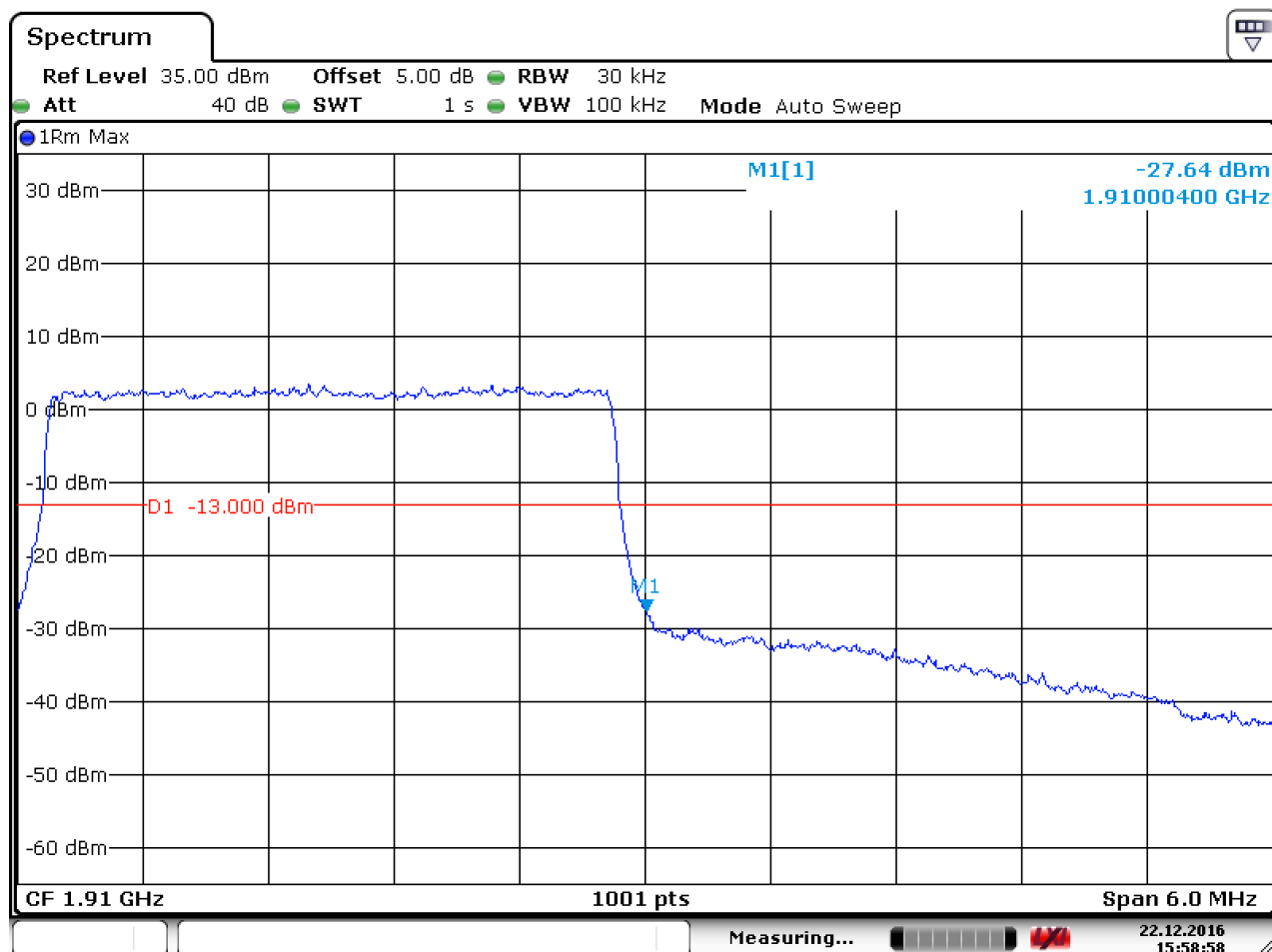
5.1.1.4.2.1 Test RB=1RB



Date: 22.DEC.2016 16:01:07



5.1.1.4.3 Test RB=15RB



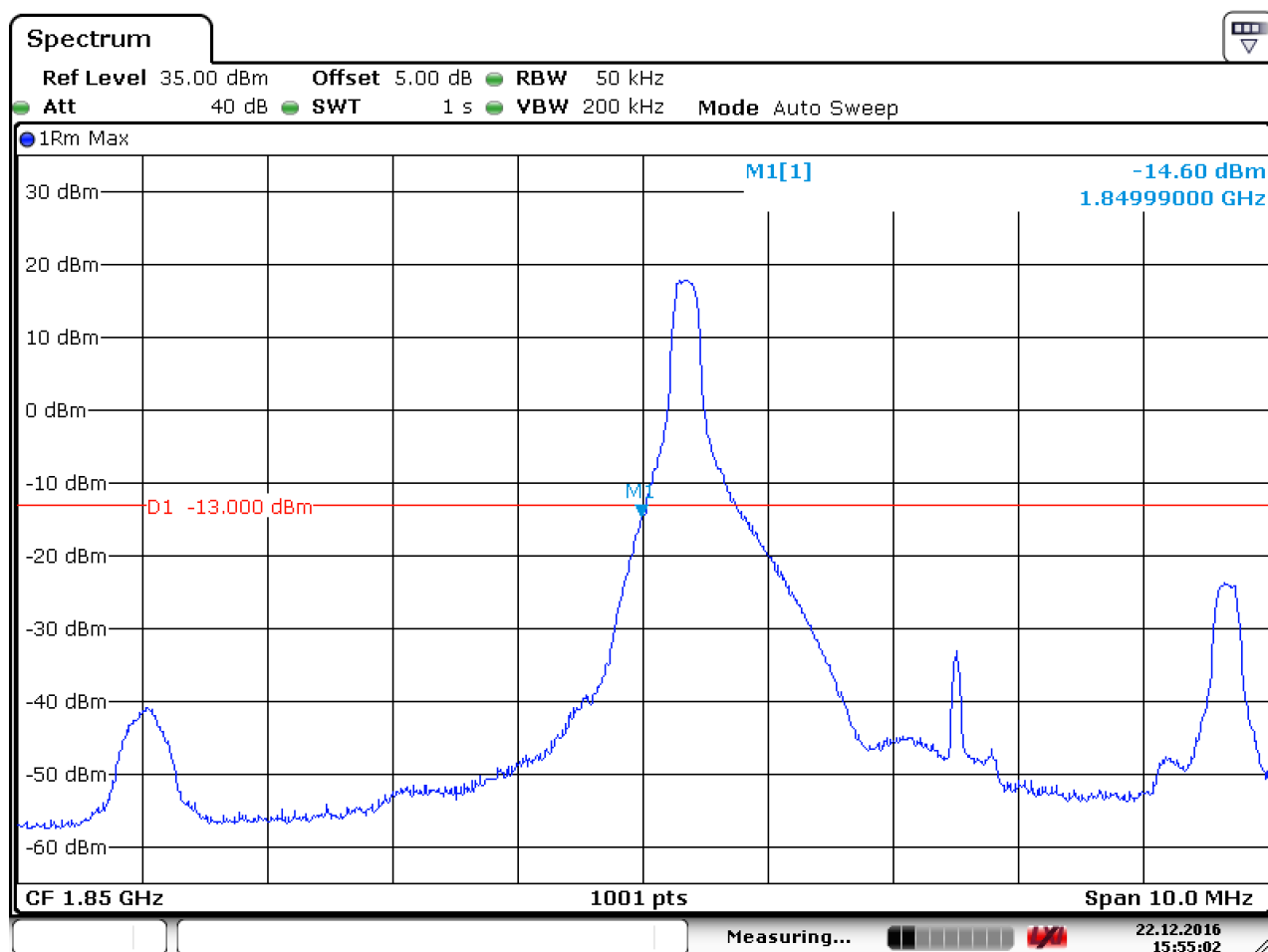
Date: 22.DEC.2016 15:58:59



5.1.1.5 Test Mode = LTE/TM1 5MHz

5.1.1.5.1 Test Channel = LCH

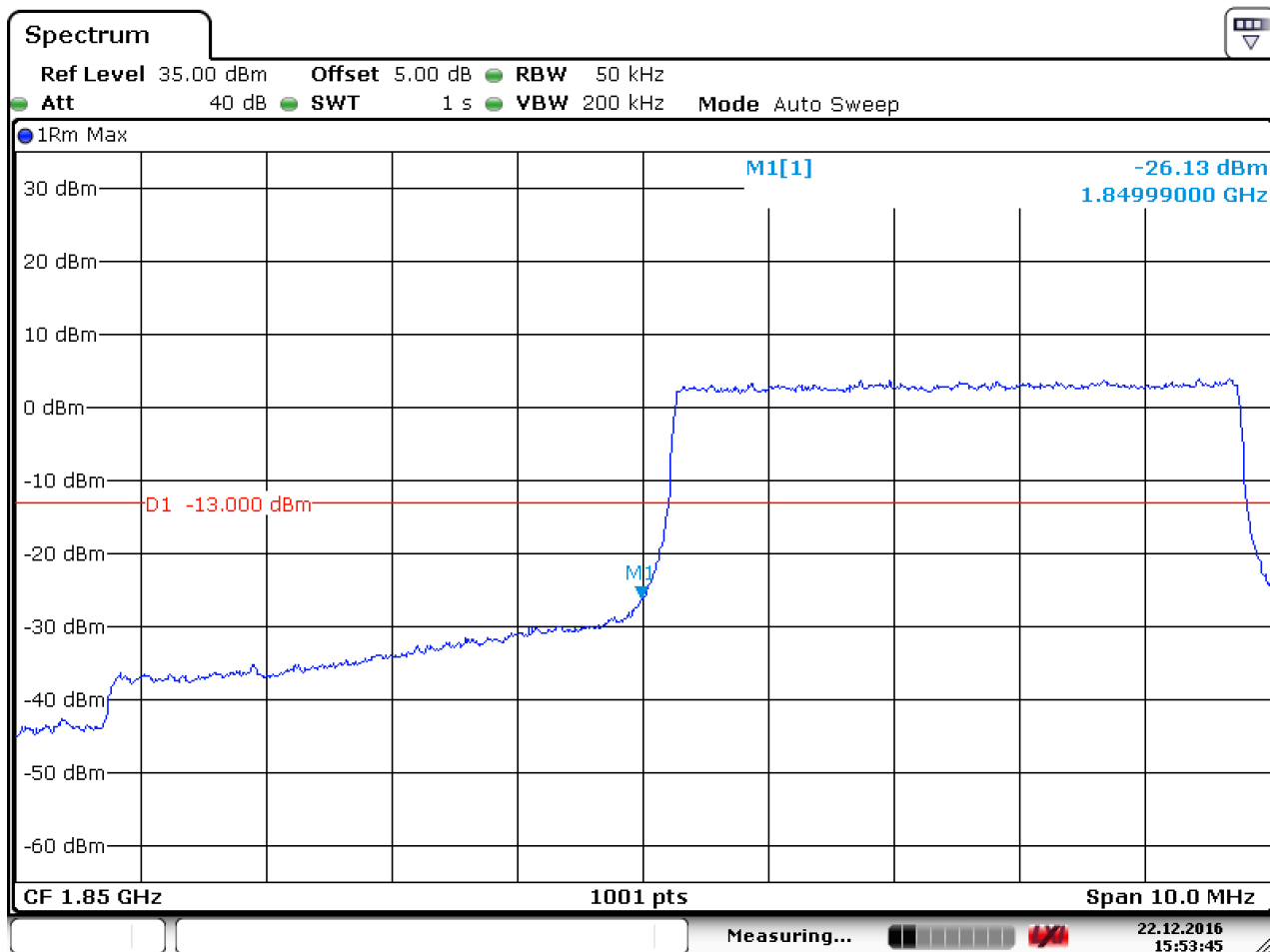
5.1.1.5.1.1 Test RB=1RB



Date: 22.DEC.2016 15:55:02



5.1.1.5.1.2 Test RB=25RB



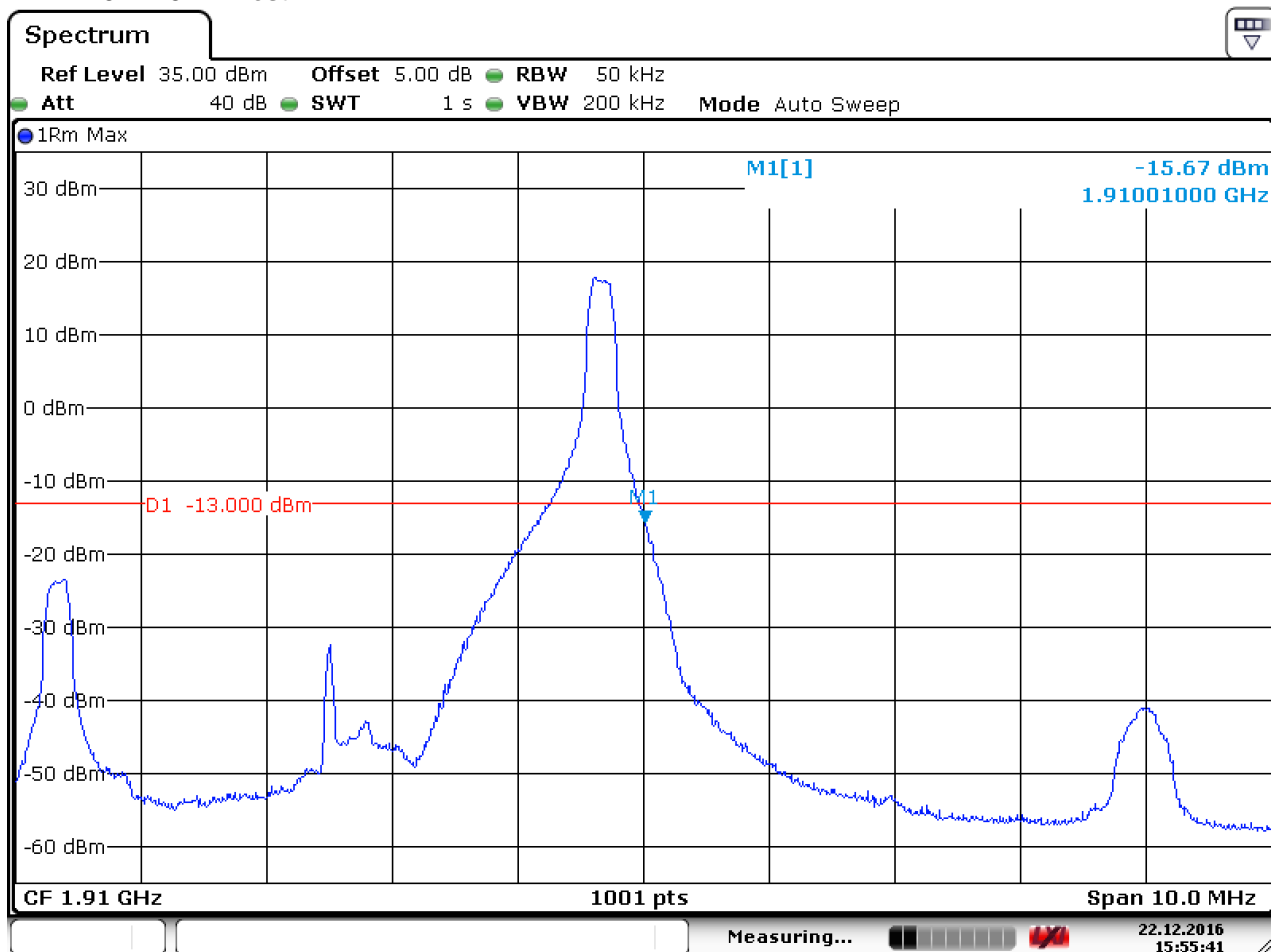
Date: 22.DEC.2016 15:53:45





5.1.1.5.2 Test Channel = HCH

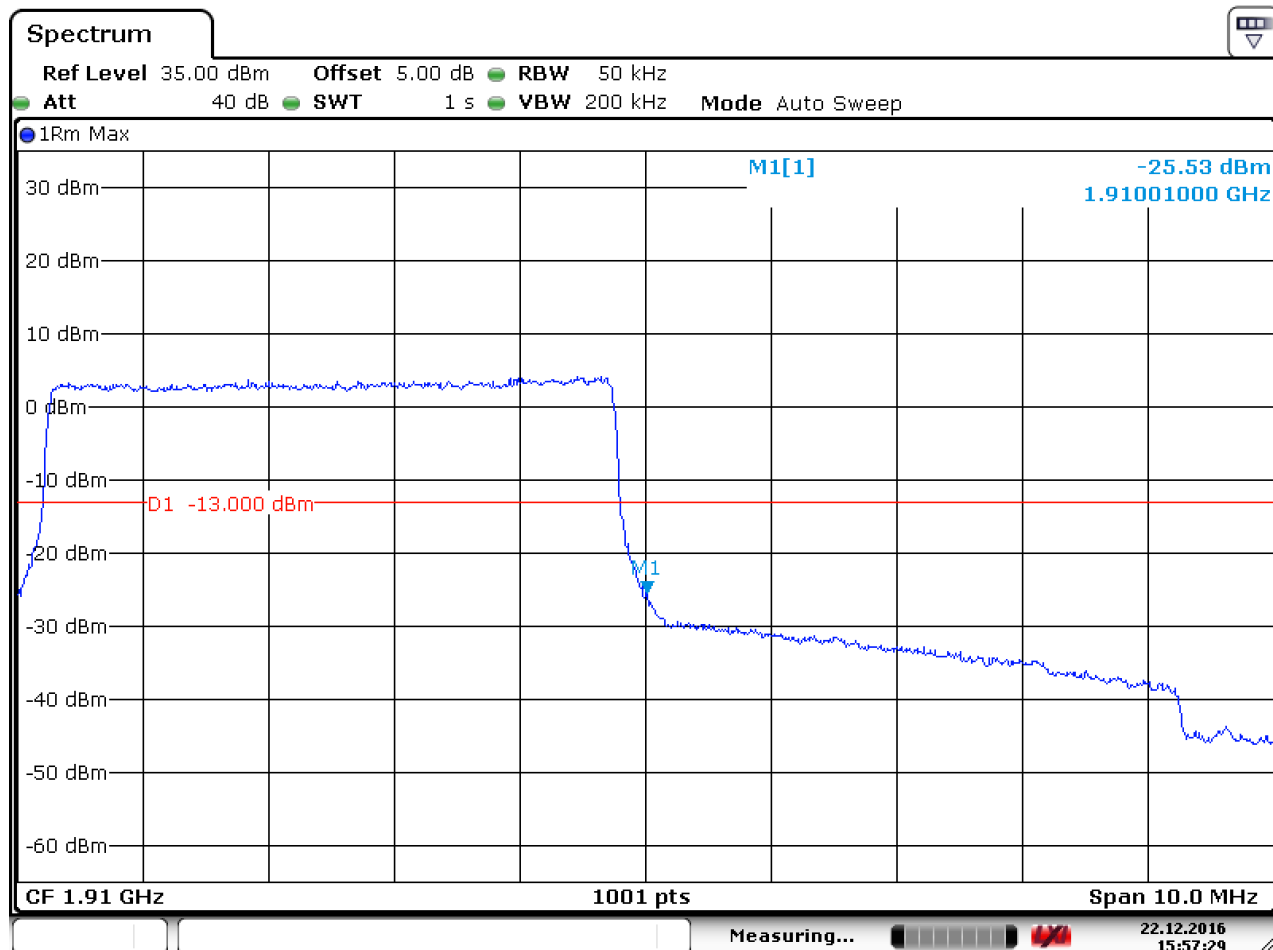
5.1.1.5.2.1 Test RB=1RB



Date: 22.DEC.2016 15:55:42



5.1.1.5.2.2 Test RB=25RB



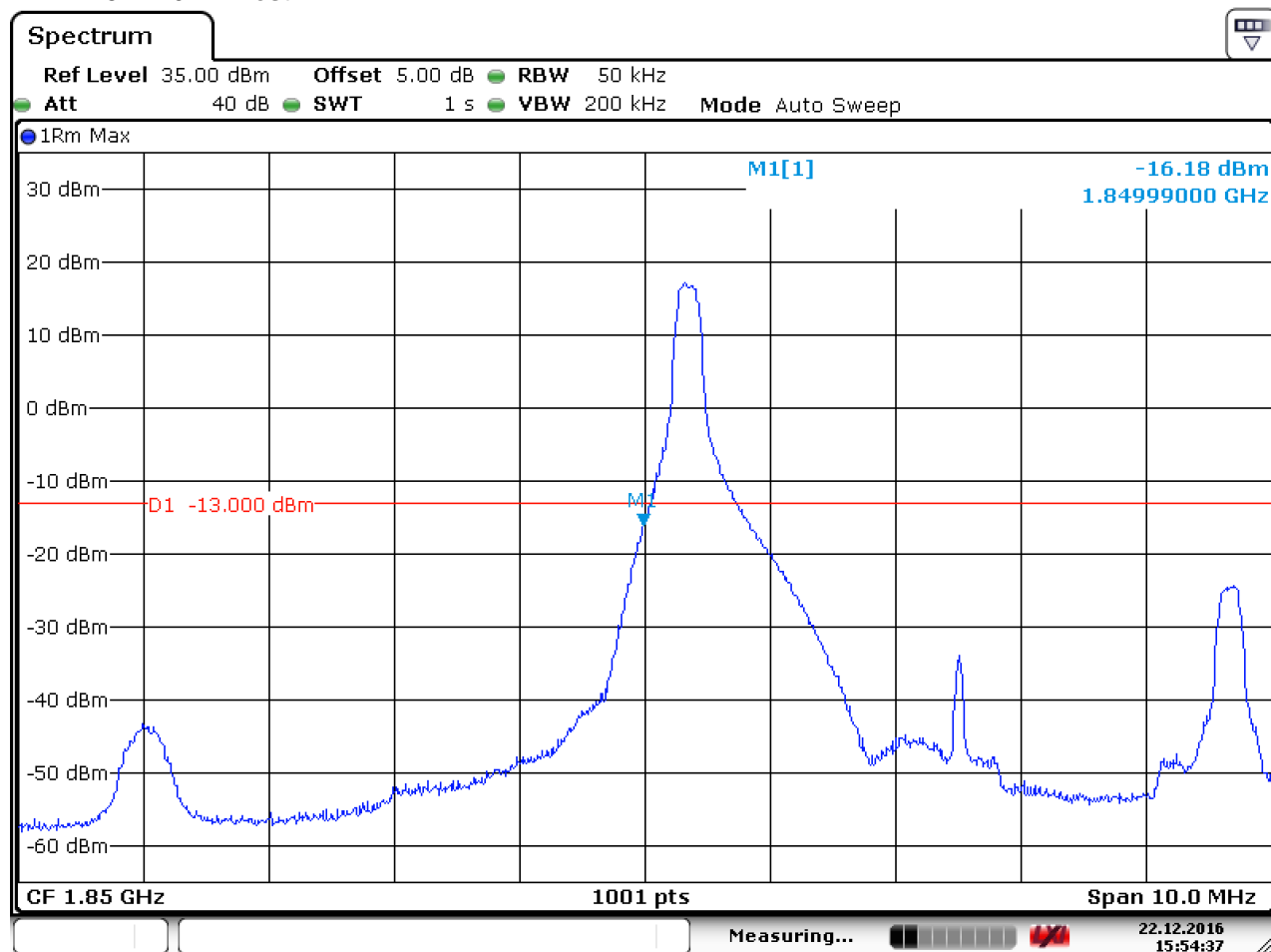
Date: 22.DEC.2016 15:57:29



5.1.1.6 Test Mode = LTE/TM2 5MHz

5.1.1.6.1 Test Channel = LCH

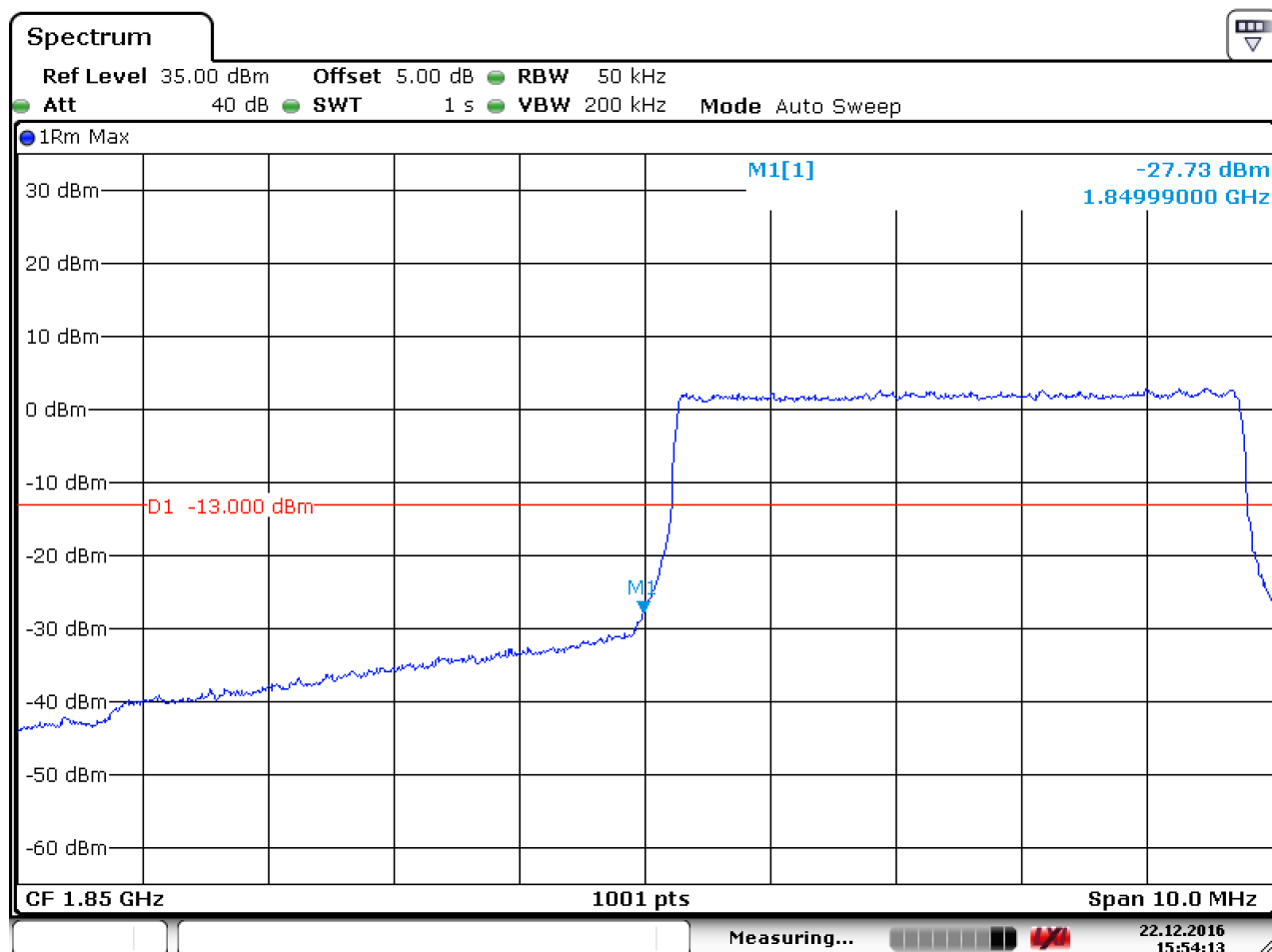
5.1.1.6.1.1 Test RB=1RB



Date: 22.DEC.2016 15:54:38



5.1.1.6.1.2 Test RB=25RB

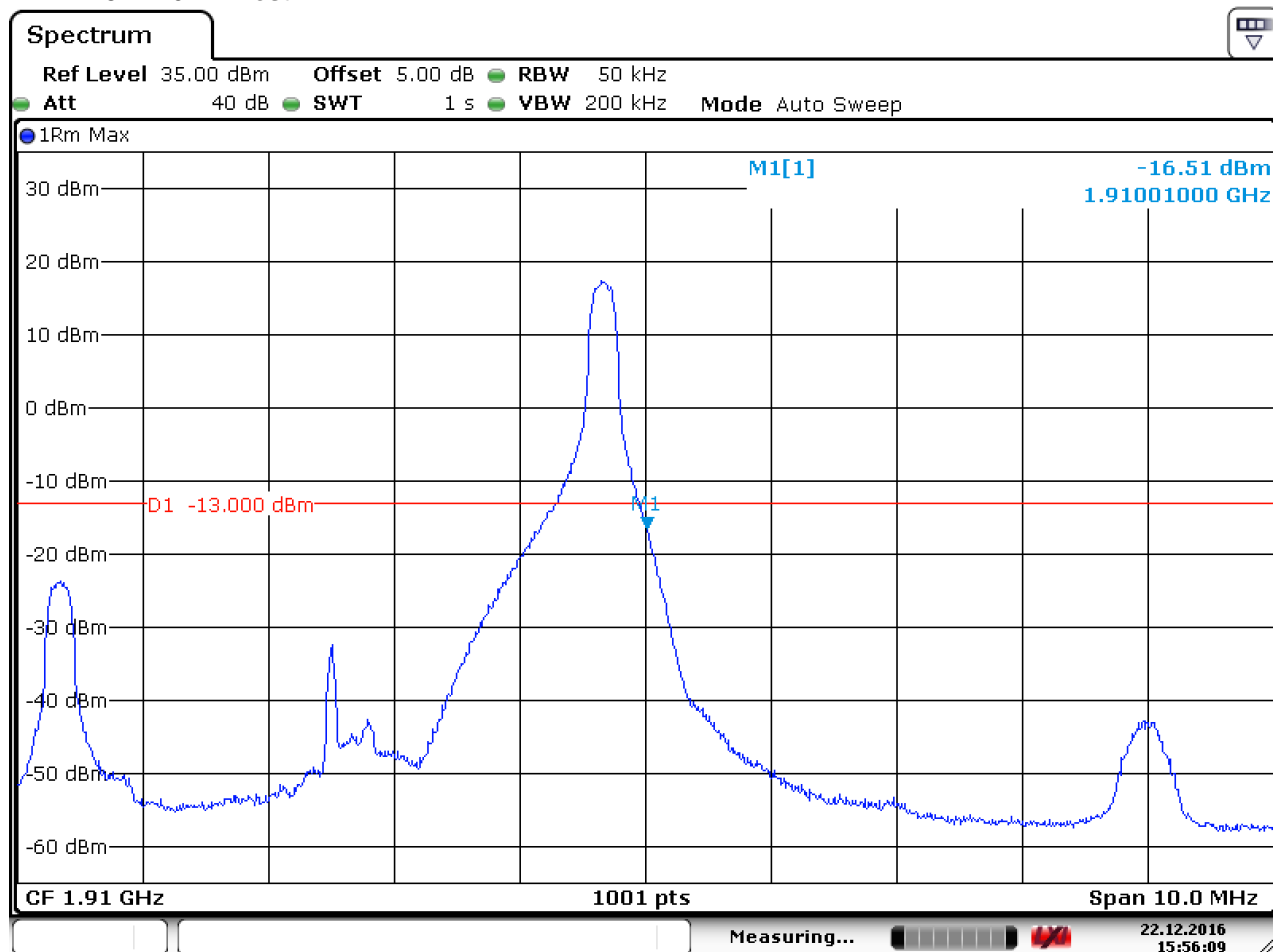


Date: 22.DEC.2016 15:54:13



5.1.1.6.2 Test Channel = HCH

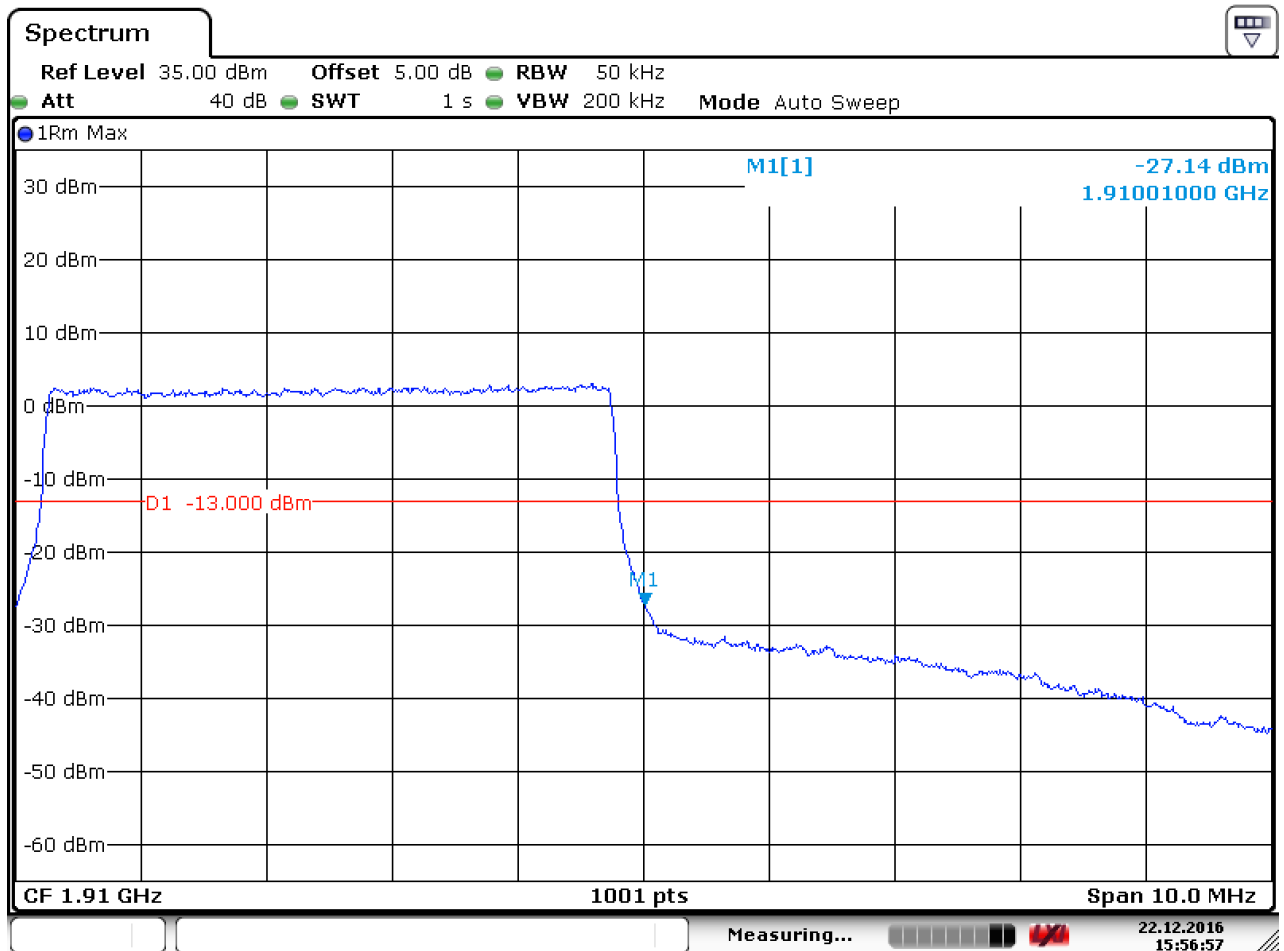
5.1.1.6.2.1 Test RB=1RB



Date: 22.DEC.2016 15:56:09



5.1.1.6.2.2 Test RB=25RB



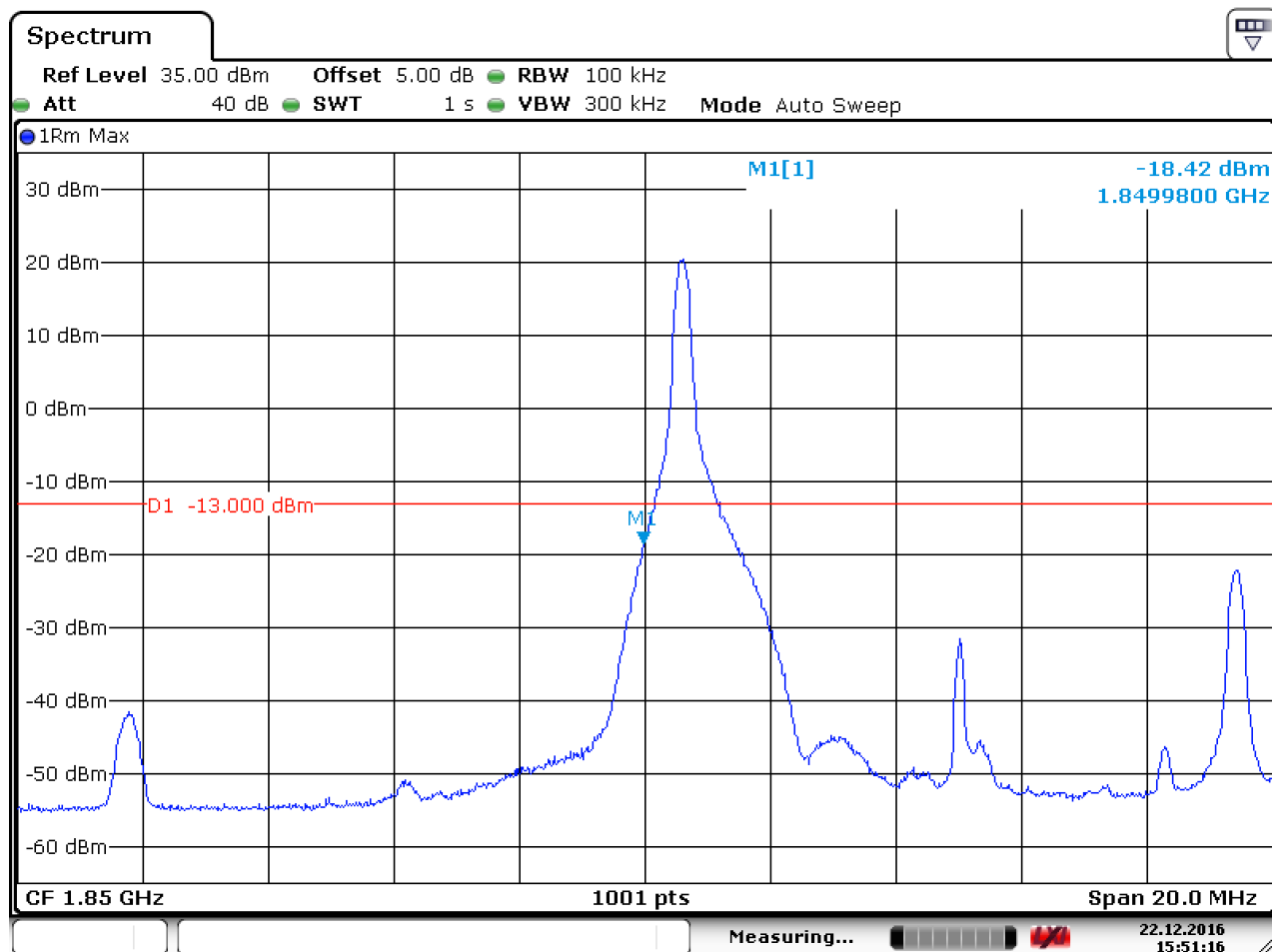
Date: 22.DEC.2016 15:56:58



5.1.1.7 Test Mode = LTE/TM1 10MHz

5.1.1.7.1 Test Channel = LCH

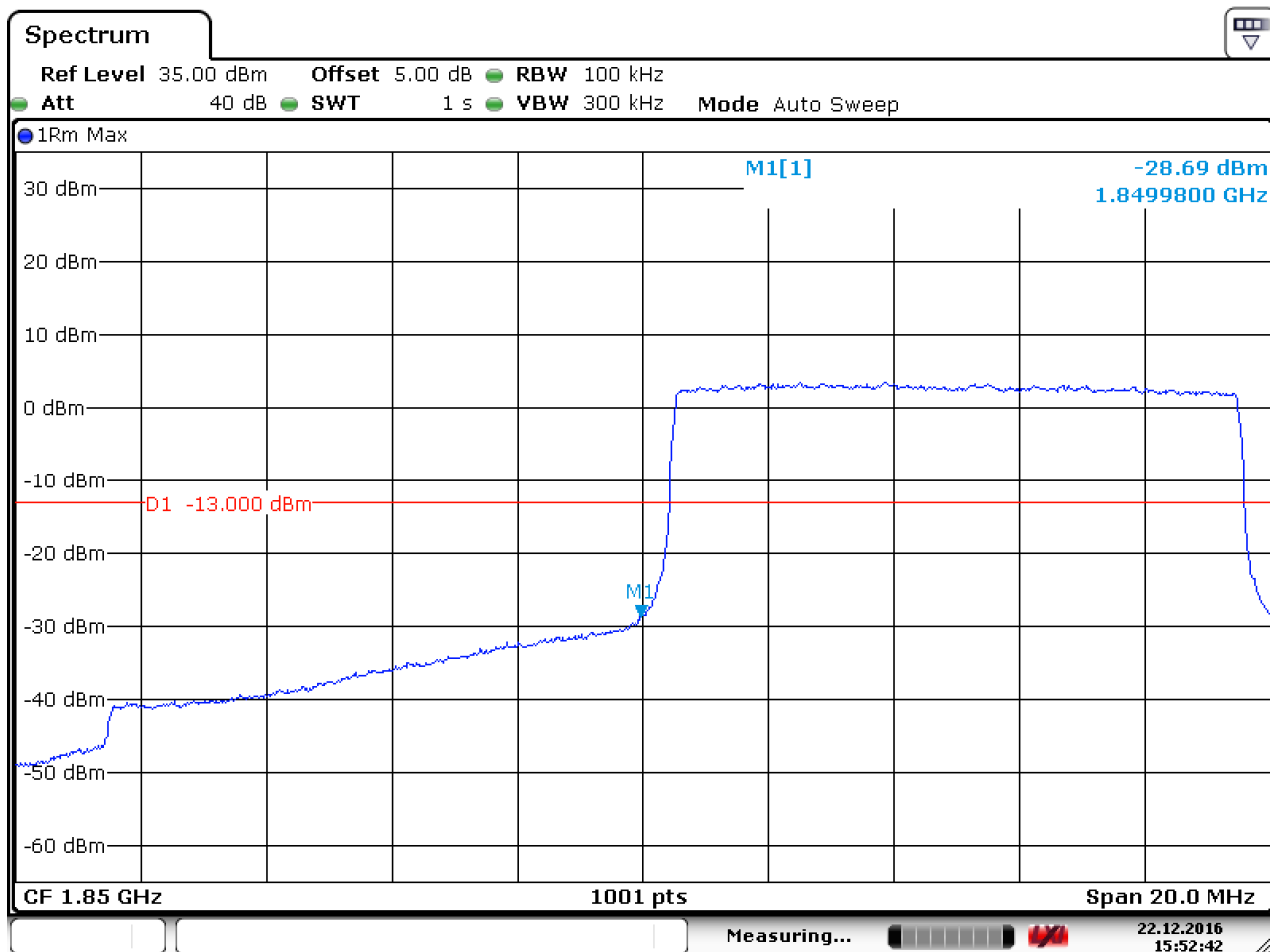
5.1.1.7.1.1 Test RB=1RB



Date: 22.DEC.2016 15:51:16



5.1.1.7.1.2 Test RB=50RB



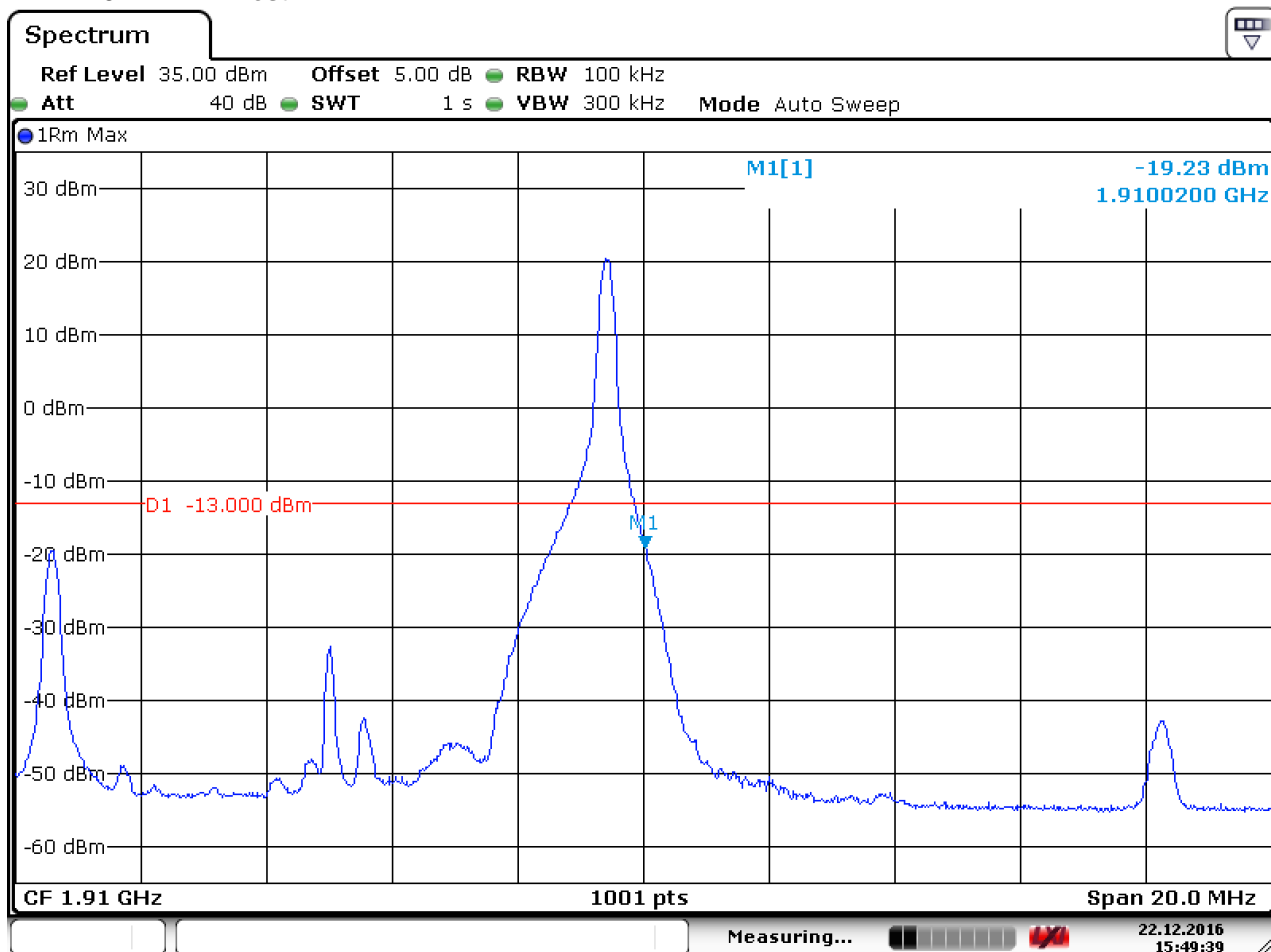
Date: 22.DEC.2016 15:52:43





5.1.1.7.2 Test Channel = HCH

5.1.1.7.2.1 Test RB=1RB



Date: 22.DEC.2016 15:49:40