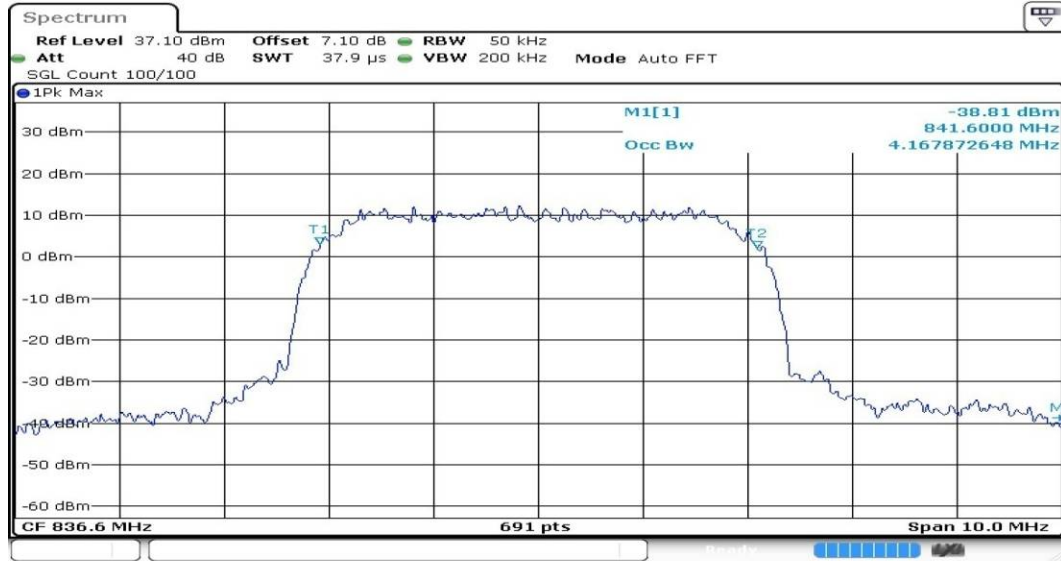
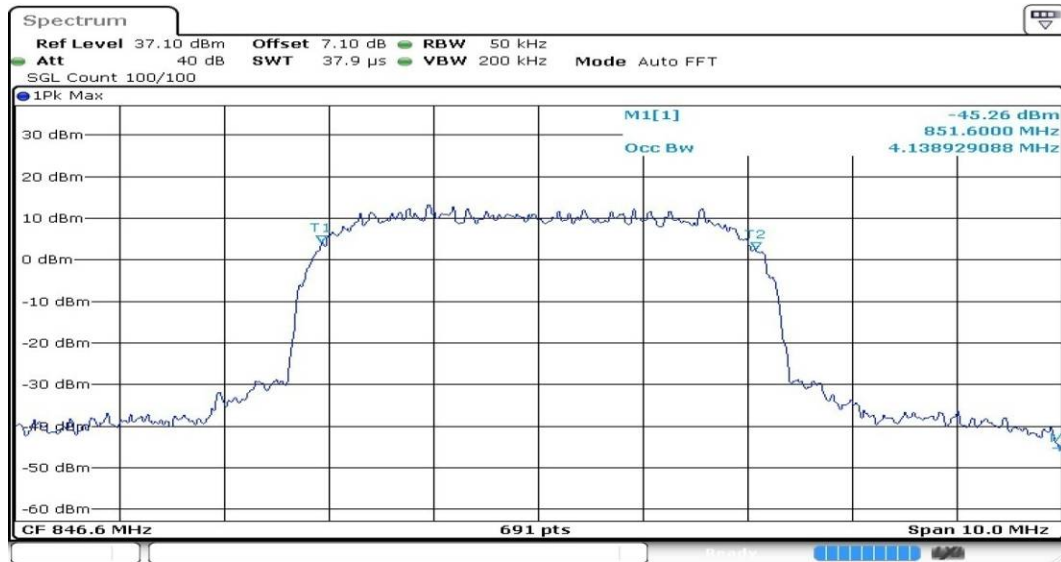




Date: 12.DEC.2020 13:37:02

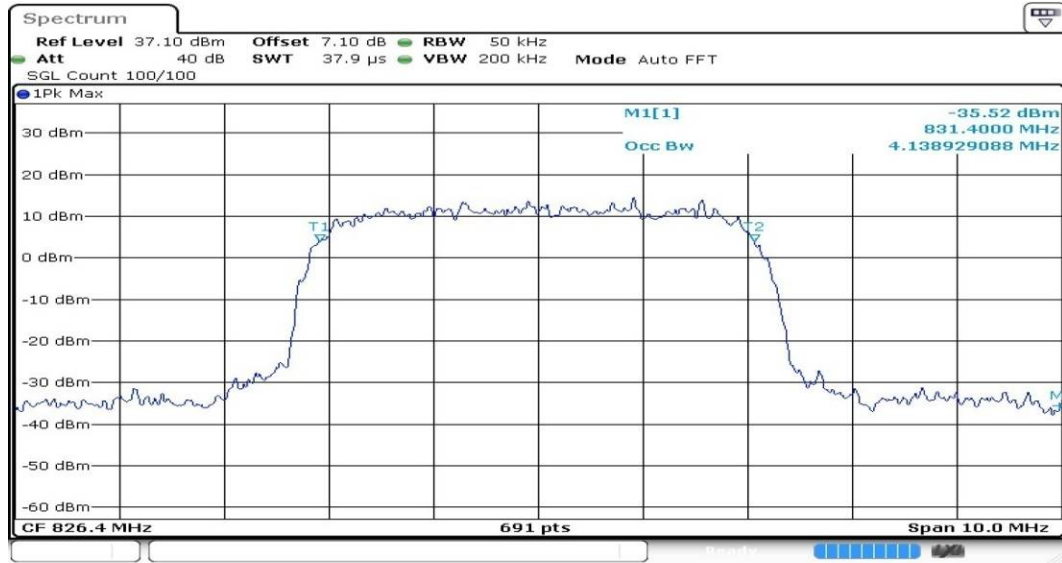
Channel 4183



Date: 12.DEC.2020 13:40:31

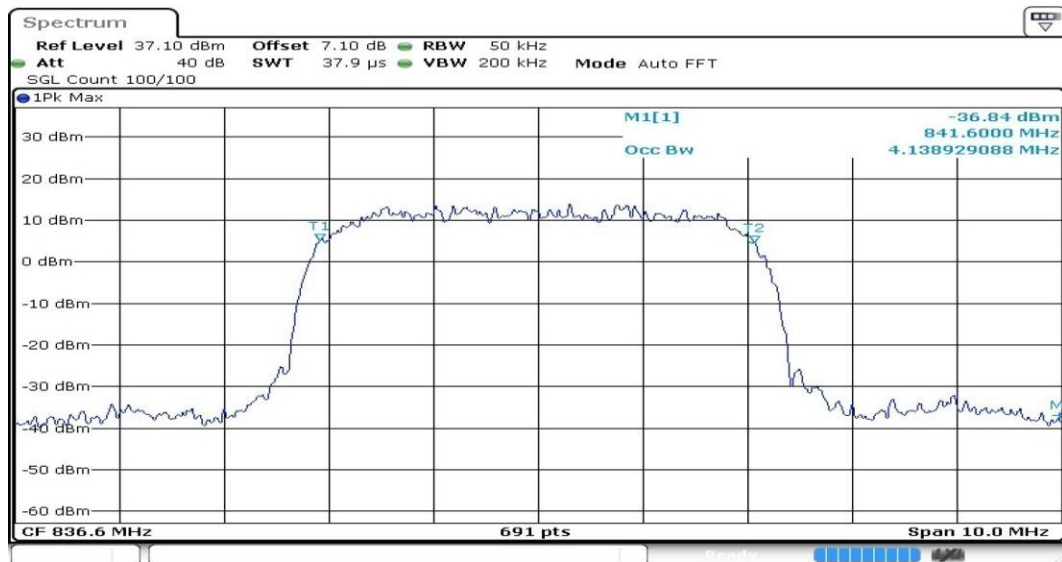
Channel 4233

## HSUPA Mode:



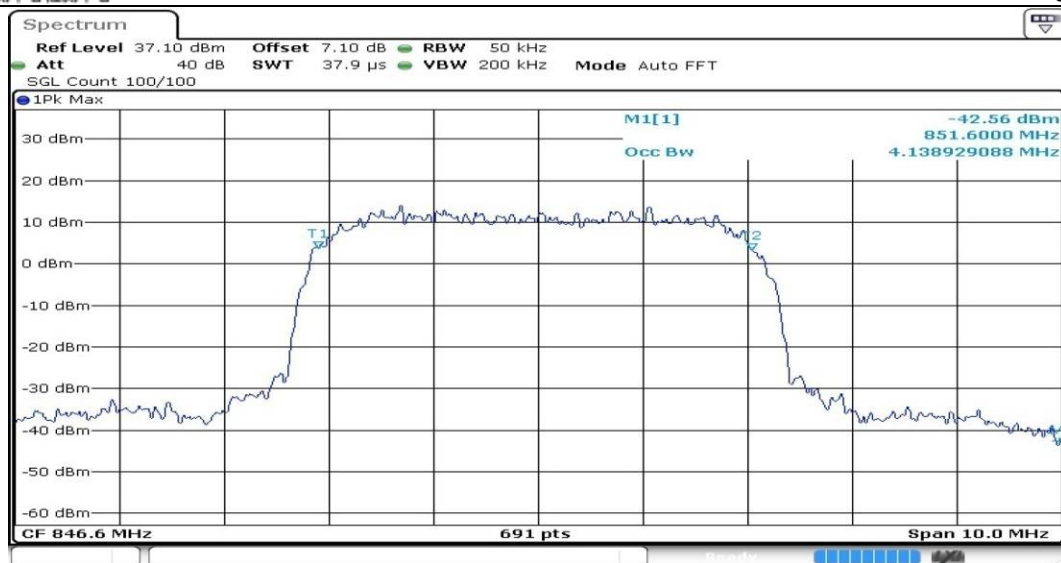
Date: 12.DEC.2020 14:19:17

## Channel 4132



Date: 12.DEC.2020 14:23:45

## Channel 4183



Date: 12.DEC.2020 14:28:29

Channel 4233

## Emission Bandwidth

WCDMA band V

REL99 Mode:

| Carrier frequency<br>(MHz) | Channel No. | Bandwidth of -26dBc Power<br>(MHz) |
|----------------------------|-------------|------------------------------------|
| 826.4                      | 4132        | 4.63                               |
| 836.6                      | 4183        | 4.63                               |
| 846.6                      | 4233        | 4.63                               |

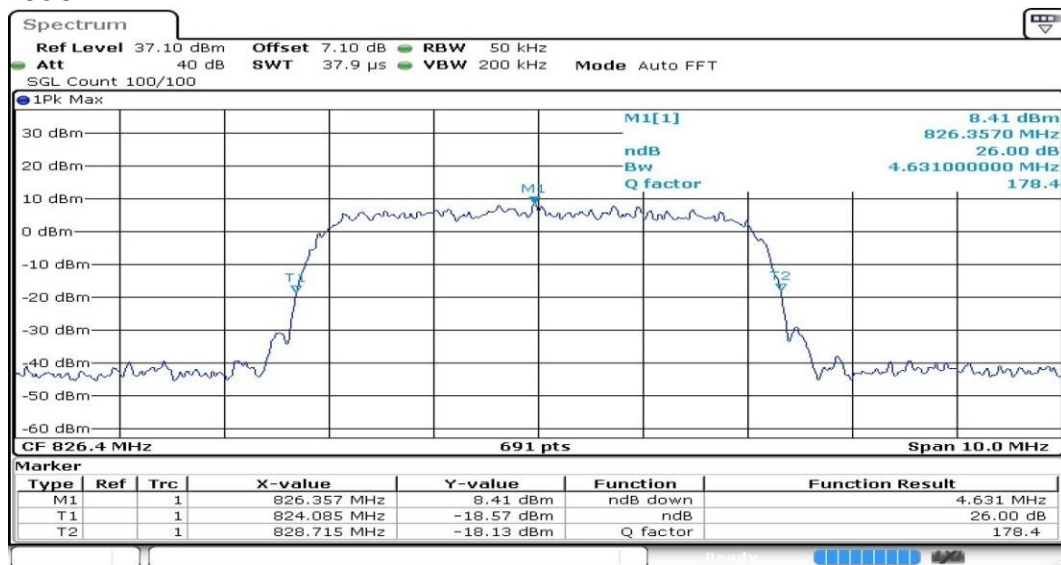
HSDPA Mode:

| Carrier frequency<br>(MHz) | Channel No. | Bandwidth of -26dBc Power<br>(MHz) |
|----------------------------|-------------|------------------------------------|
| 826.4                      | 4132        | 4.67                               |
| 836.6                      | 4183        | 4.63                               |
| 846.6                      | 4233        | 4.65                               |

HSUPA Mode:

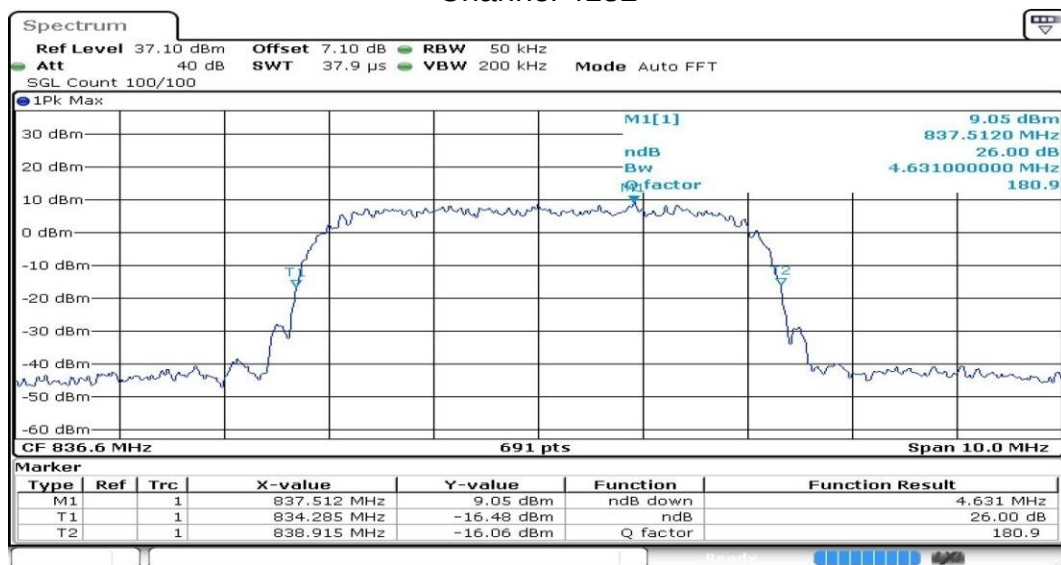
| Carrier frequency<br>(MHz) | Channel No. | Bandwidth of -26dBc Power<br>(MHz) |
|----------------------------|-------------|------------------------------------|
| 826.4                      | 4132        | 4.63                               |
| 836.6                      | 4183        | 4.65                               |
| 846.6                      | 4233        | 4.65                               |

WCDMA band V  
REL99 Mode:



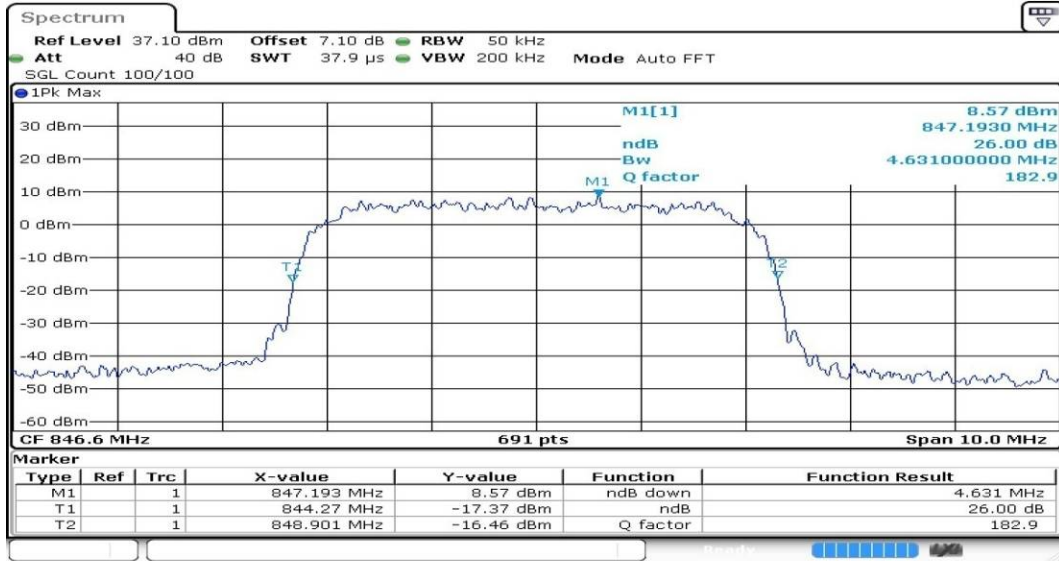
Date: 12.DEC.2020 12:49:13

Channel 4132



Date: 12.DEC.2020 12:50:04

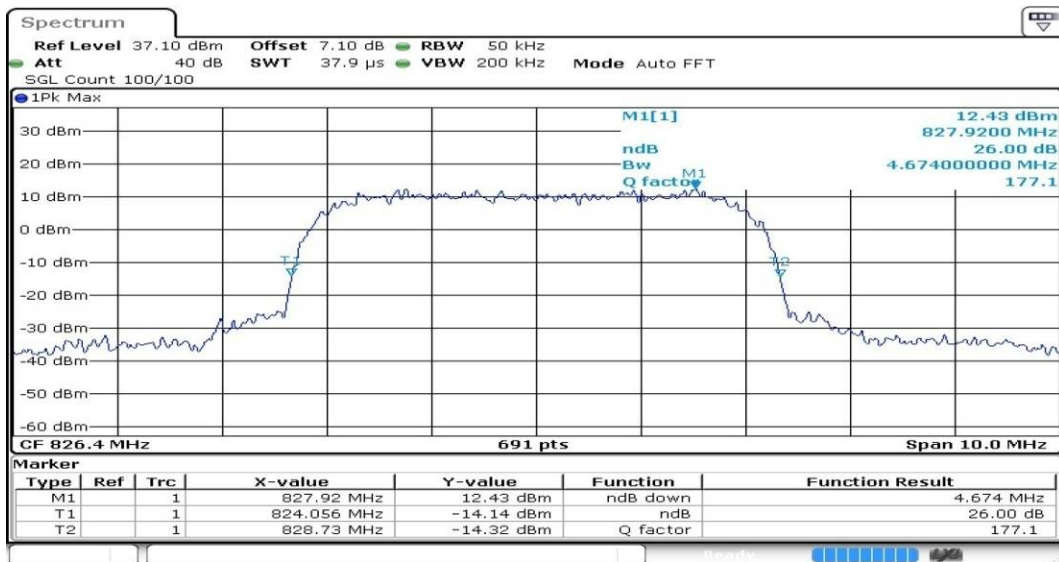
Channel 4183



Date: 12.DEC.2020 12:50:48

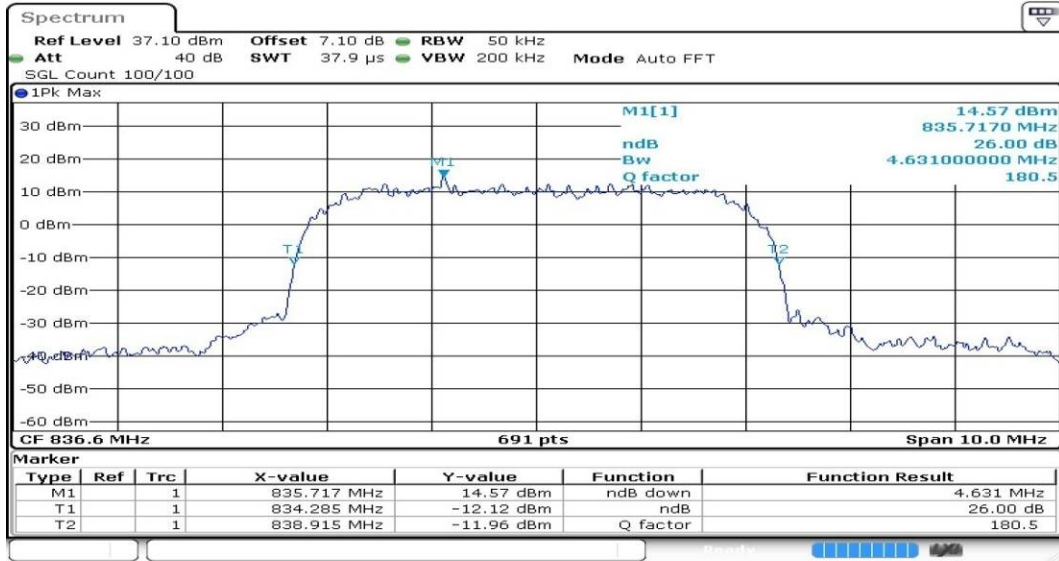
Channel 4233

HSDPA Mode:



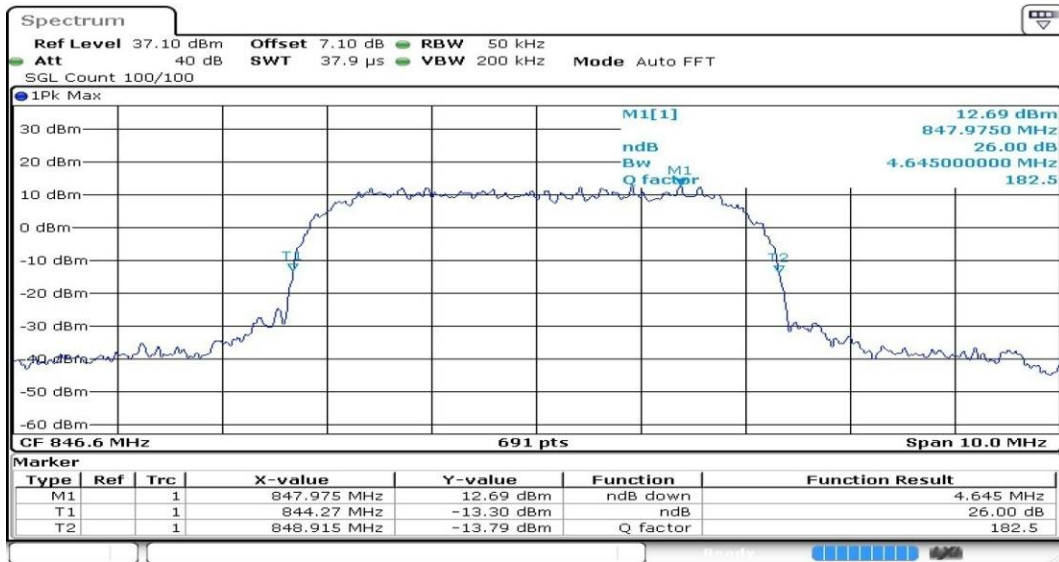
Date: 12.DEC.2020 13:33:29

Channel 4132



Date: 12.DEC.2020 13:37:06

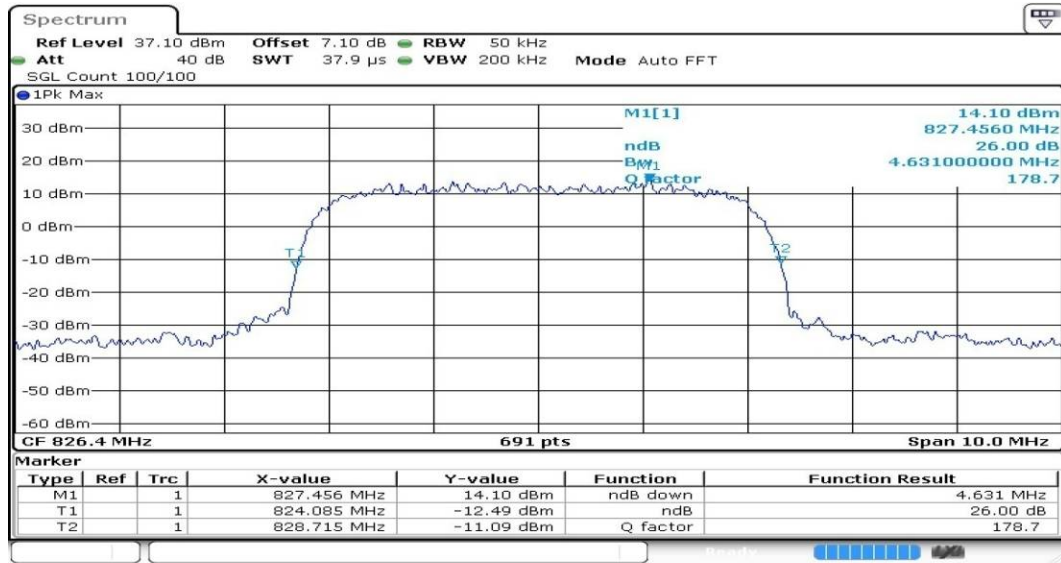
### Channel 4183



Date: 12.DEC.2020 13:40:35

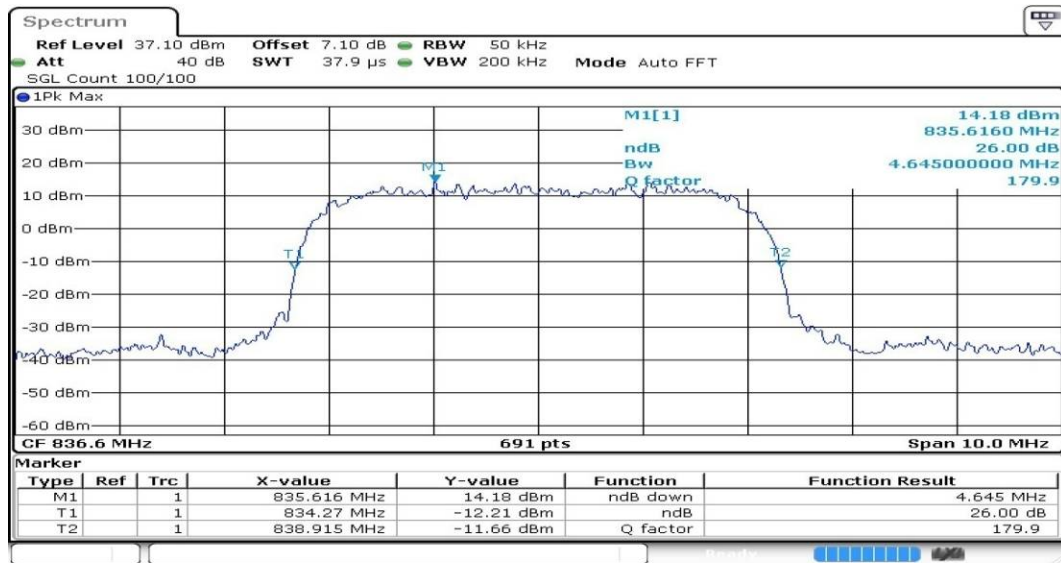
### Channel 4233

## HSUPA Mode:



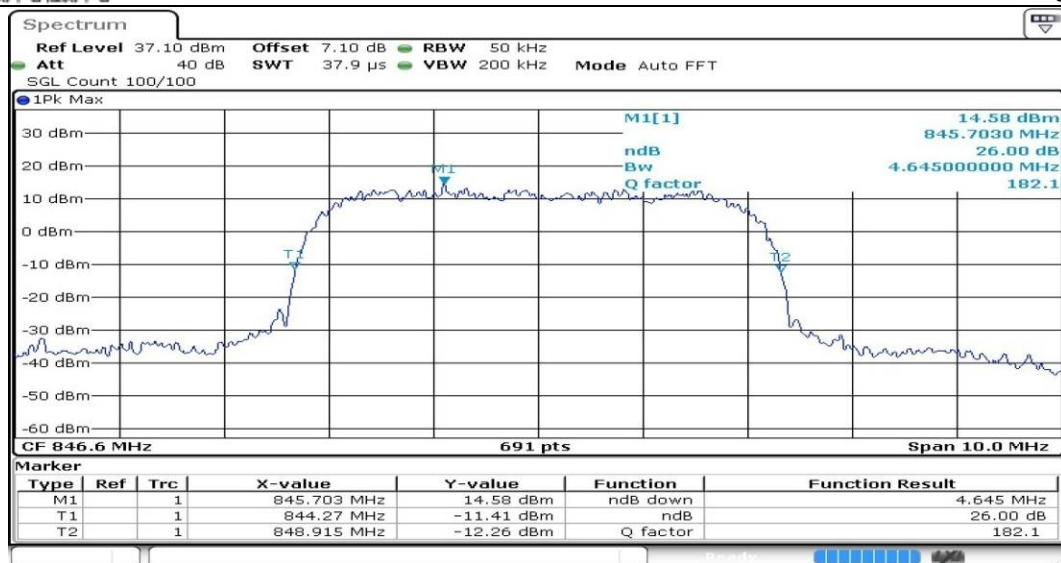
Date: 12.DEC.2020 14:19:21

## Channel 4132



Date: 12.DEC.2020 14:23:49

## Channel 4183



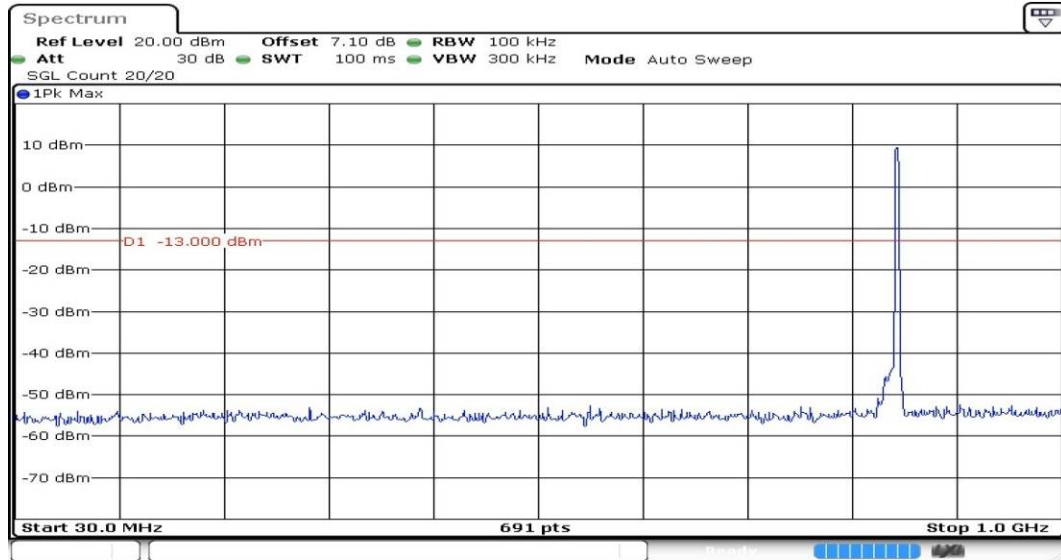
Date: 12. DEC. 2020 14:28:33

Channel 4233

## Spurious Emissions at antenna terminal

WCDMA band V

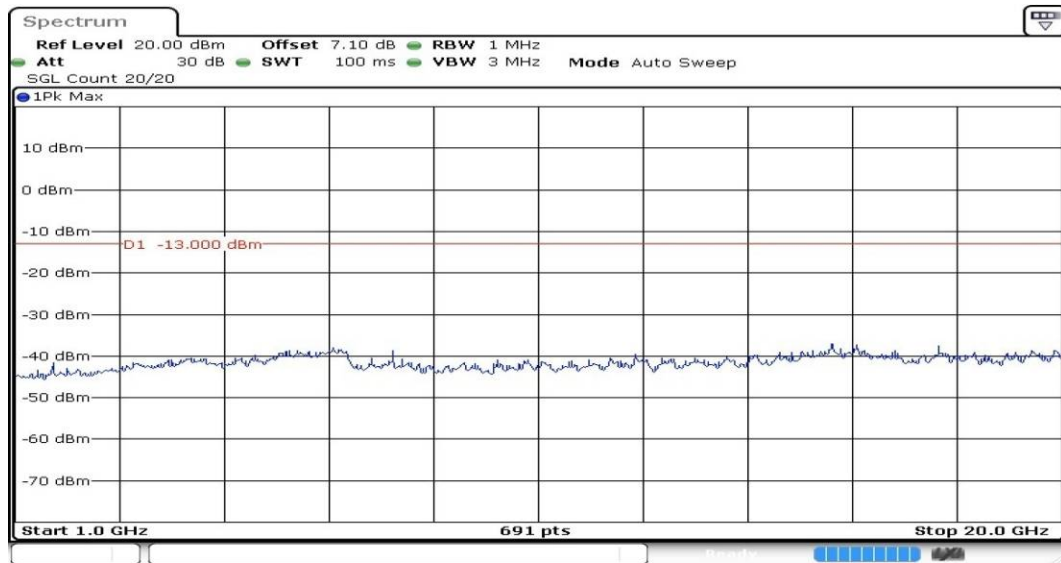
REL99 Mode:



Date: 12.DEC.2020 12:51:05

Channel 4183 30MHz~1GHz

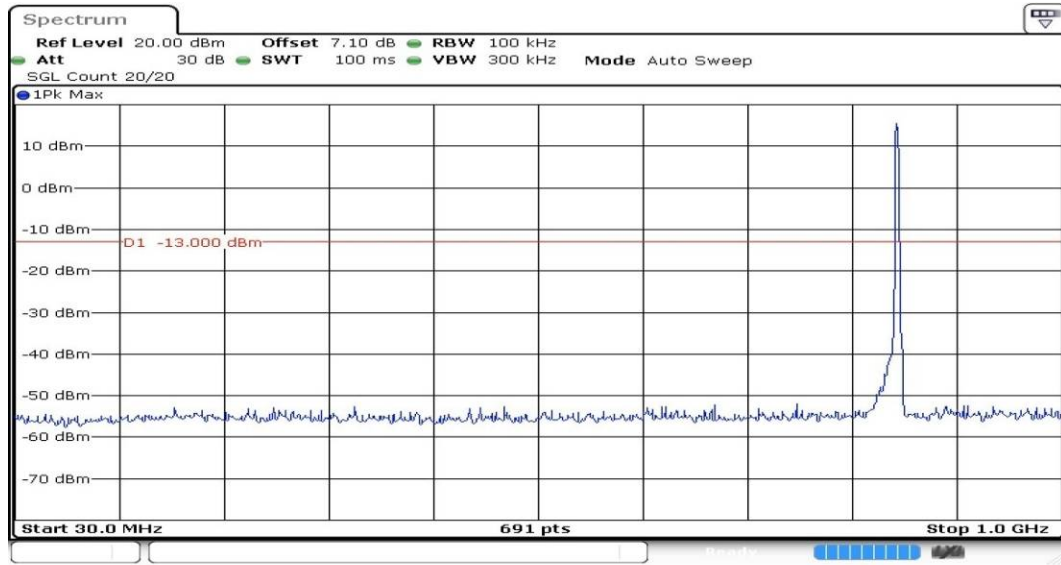
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 12.DEC.2020 12:51:14

Channel 4183 1GHz~20GHz

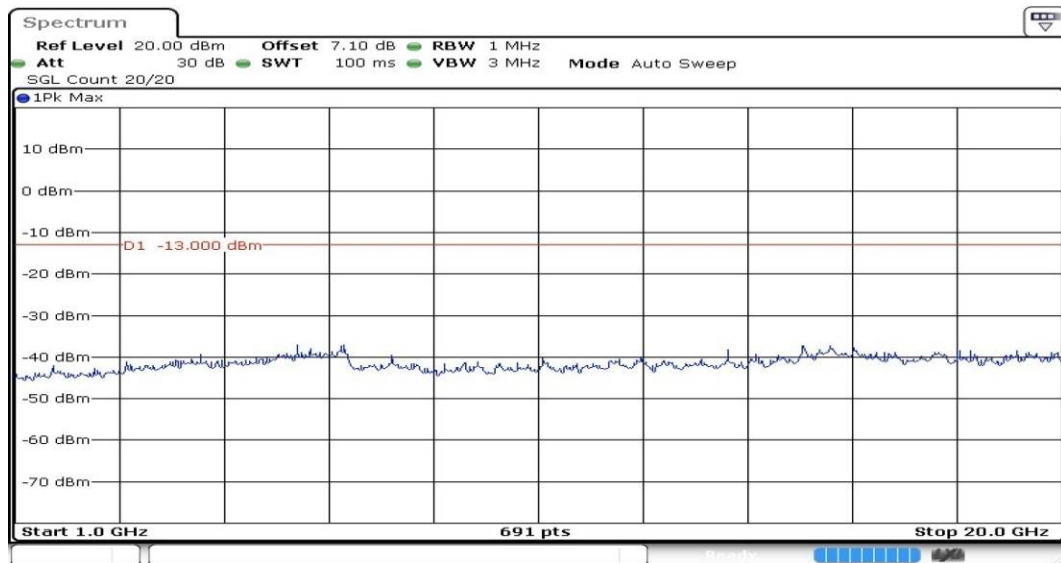
## HSDPA Mode:



Date: 12.DEC.2020 13:40:52

## Channel 4183 30MHz~1GHz

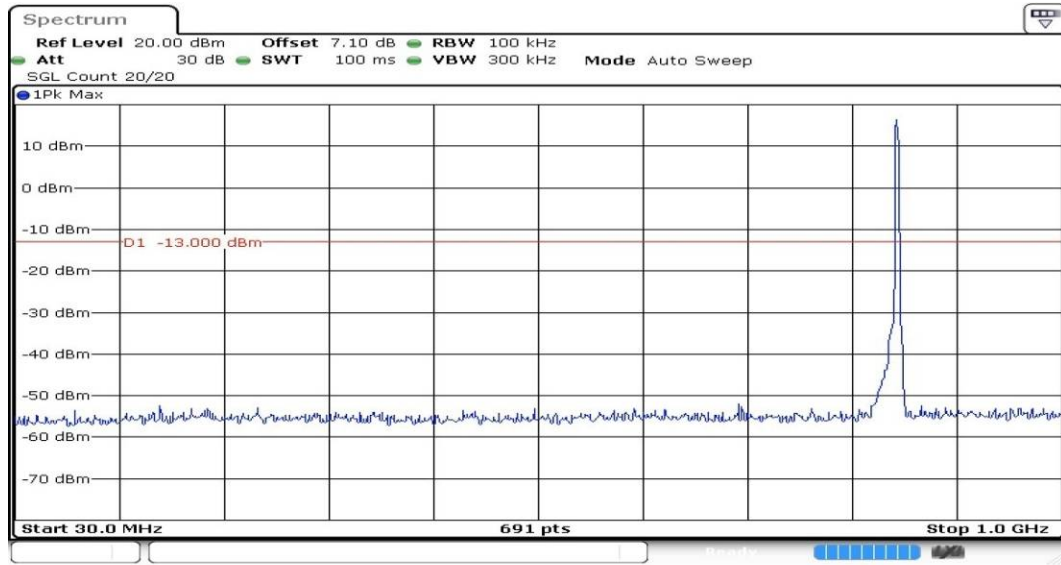
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 12.DEC.2020 13:41:01

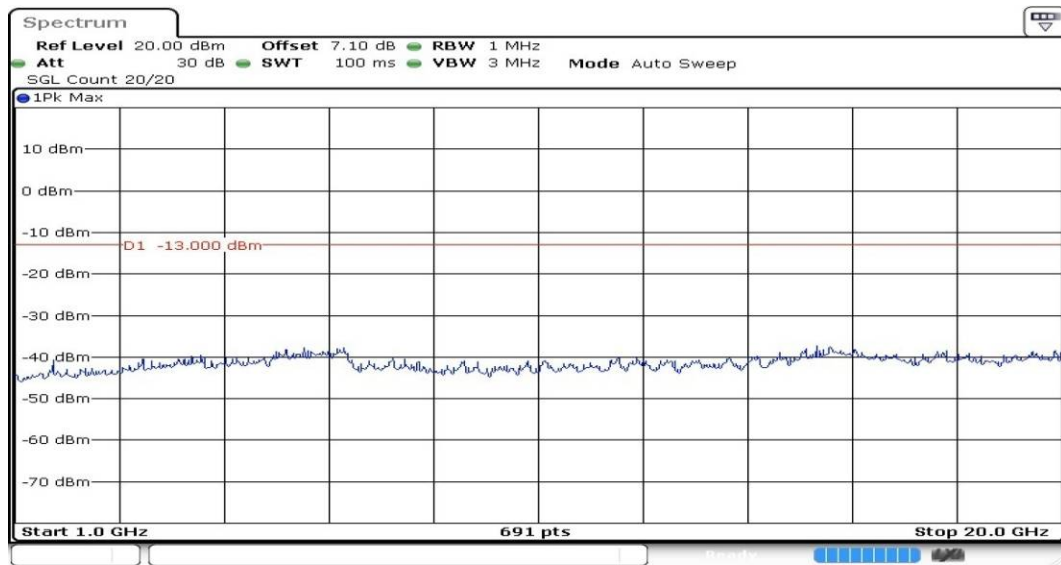
## Channel 4183 1GHz~20GHz

## HSUPA Mode:



## Channel 4183 30MHz~1GHz

Note: The signal beyond the limit is the signal transmitted by EUT.

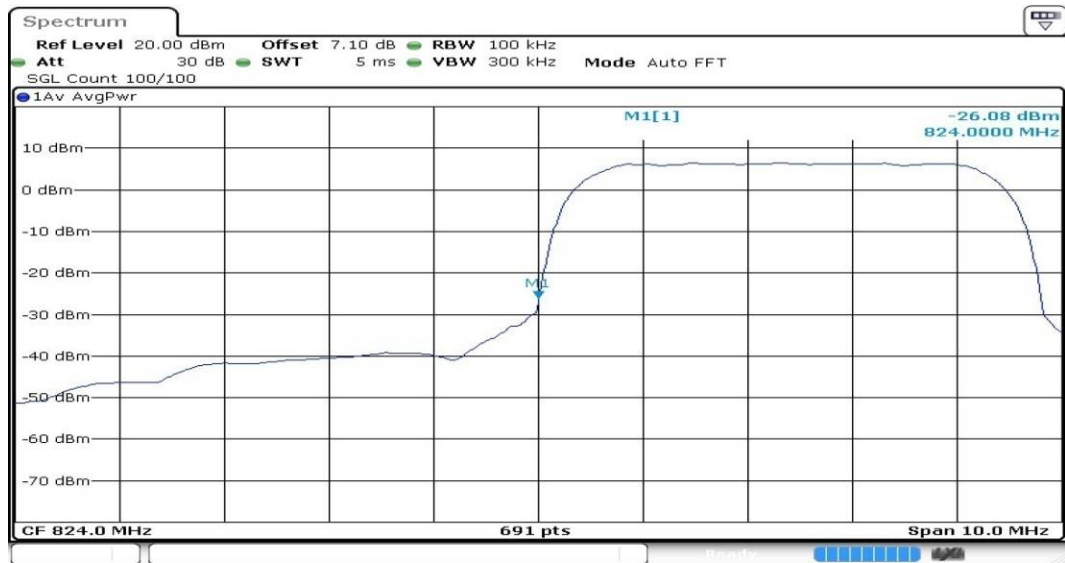


## Channel 4183 1GHz~20GHz

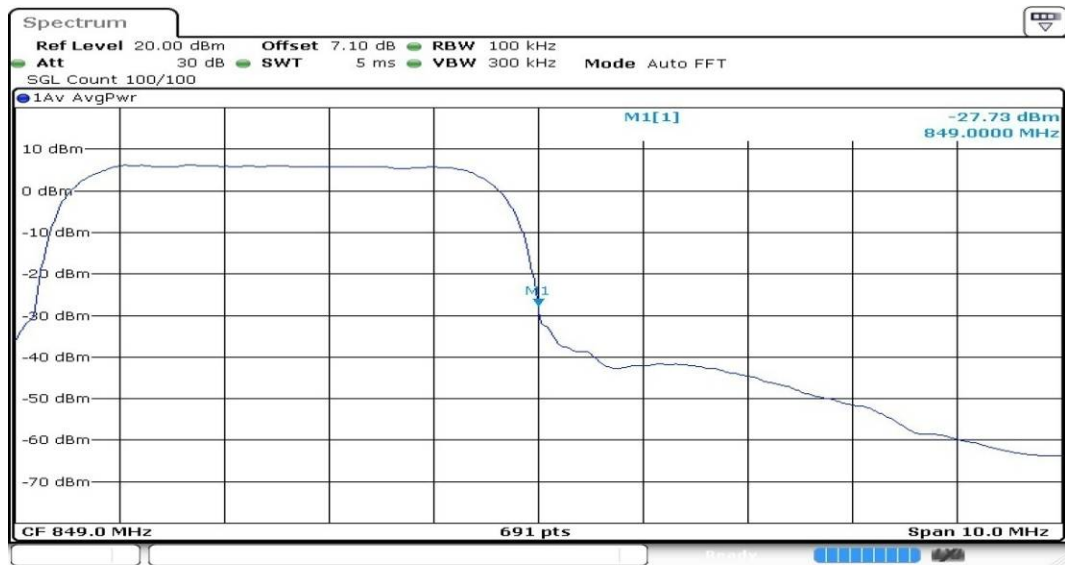
## Band Edges Compliance

WCDMA band V

REL99 Mode:

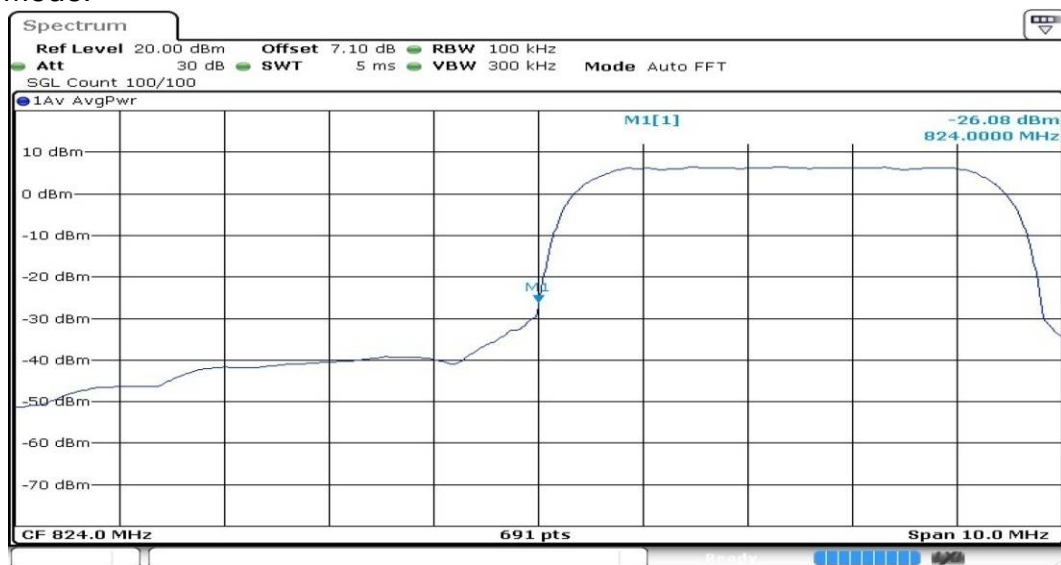


Channel 4132



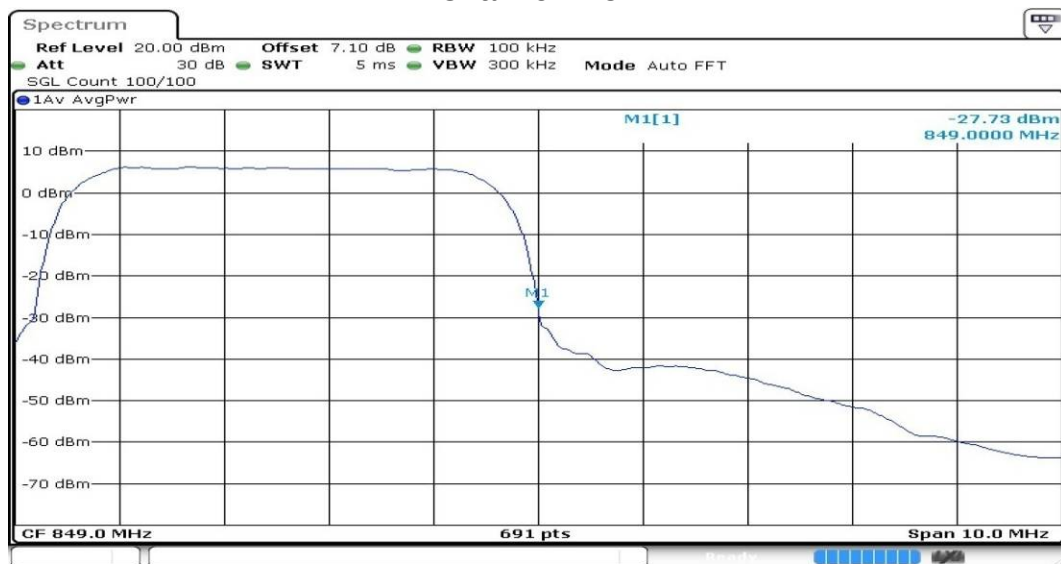
Channel 4233

## HSDPA Mode:



Date: 12.DEC.2020 14:19:55

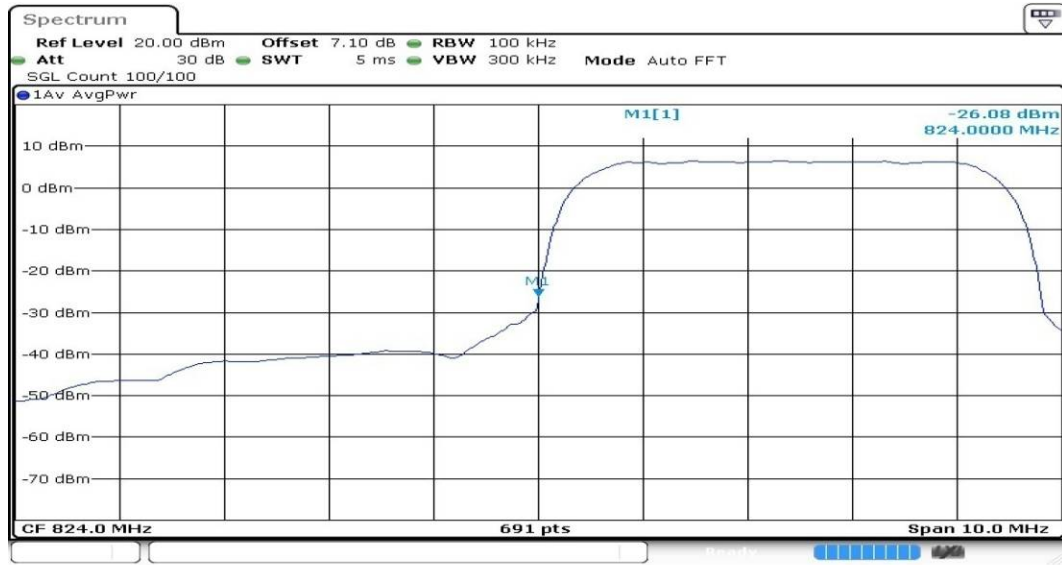
## Channel 4132



Date: 12.DEC.2020 14:29:07

## Channel 4233

## HSUPA Mode:



Date: 12. DEC. 2020 14:19:55

## Channel 4132



Date: 12. DEC. 2020 14:29:07

## Channel 4233

## Frequency Stability

### WCDMA band V

REL99 Mode:

| Temperature(°C) | Test Result (ppm)@NV |              |              |
|-----------------|----------------------|--------------|--------------|
|                 | Channel 4132         | Channel 4183 | Channel 4233 |
| -10             | 0.001                | -0.001       | -0.003       |
| 0               | 0.001                | -0.002       | -0.003       |
| +10             | -0.001               | 0.000        | -0.002       |
| +20             | 0.000                | 0.000        | 0.000        |
| +30             | 0.002                | -0.002       | -0.001       |
| +40             | 0.001                | 0.003        | 0.003        |
| +50             | 0.000                | -0.003       | -0.002       |
| +55             | 0.003                | -0.002       | -0.001       |
| Voltage         | Test Result (ppm)@NT |              |              |
|                 | Channel 4132         | Channel 4183 | Channel 4233 |
| LV              | -0.001               | 0.003        | -0.003       |
| HV              | 0.001                | -0.003       | -0.002       |

HSDPA Mode:

| Temperature(°C) | Test Result (ppm)@NV |              |              |
|-----------------|----------------------|--------------|--------------|
|                 | Channel 4132         | Channel 4183 | Channel 4233 |
| -10             | 0.001                | 0.000        | 0.000        |
| 0               | 0.001                | 0.002        | 0.003        |
| +10             | 0.000                | 0.001        | 0.002        |
| +20             | 0.000                | 0.000        | 0.000        |
| +30             | 0.001                | 0.002        | 0.001        |
| +40             | -0.001               | 0.000        | 0.000        |
| +50             | -0.002               | 0.000        | 0.002        |
| +55             | 0.003                | -0.002       | -0.001       |
| Voltage         | Test Result (ppm)@NT |              |              |
|                 | Channel 4132         | Channel 4183 | Channel 4233 |
| LV              | -0.001               | 0.002        | 0.003        |
| HV              | -0.001               | 0.004        | 0.002        |

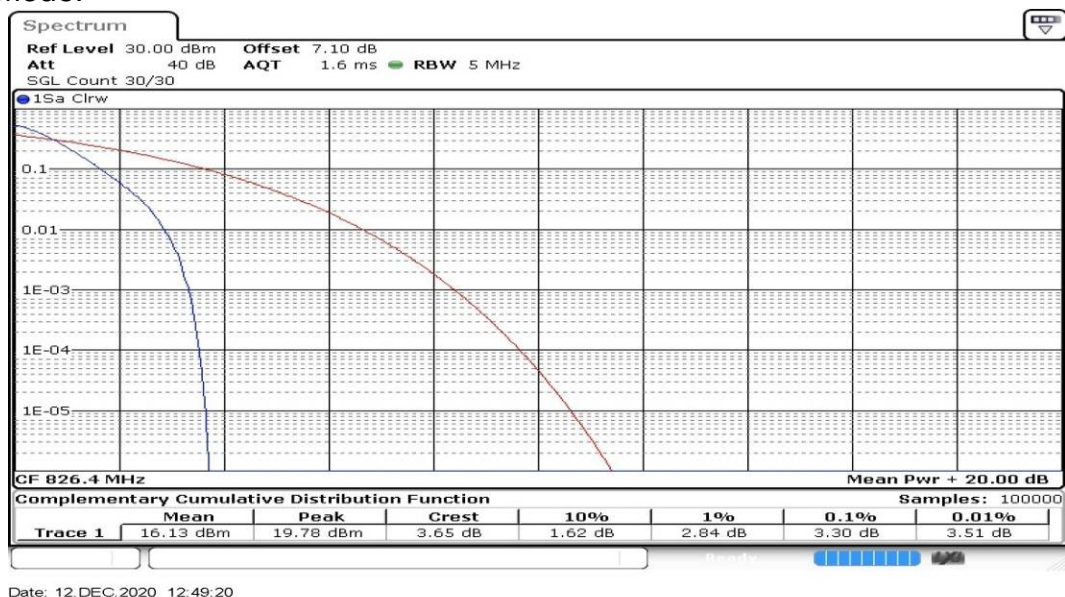
HSUPA Mode:

| Temperature(°C) | Test Result (ppm)@NV |              |              |
|-----------------|----------------------|--------------|--------------|
|                 | Channel 4132         | Channel 4183 | Channel 4233 |
| -10             | -0.002               | 0.001        | 0.001        |
| 0               | -0.002               | -0.001       | 0.000        |
| +10             | -0.001               | 0.000        | 0.002        |
| +20             | 0.000                | 0.000        | 0.000        |
| +30             | -0.004               | -0.001       | 0.003        |
| +40             | -0.003               | 0.001        | 0.000        |
| +50             | -0.001               | 0.000        | 0.002        |
| +55             | 0.003                | 0.002        | 0.002        |
| Voltage         | Test Result (ppm)@NT |              |              |
|                 | Channel 4132         | Channel 4183 | Channel 4233 |
| LV              | -0.005               | 0.001        | 0.001        |
| HV              | -0.004               | -0.001       | 0.003        |

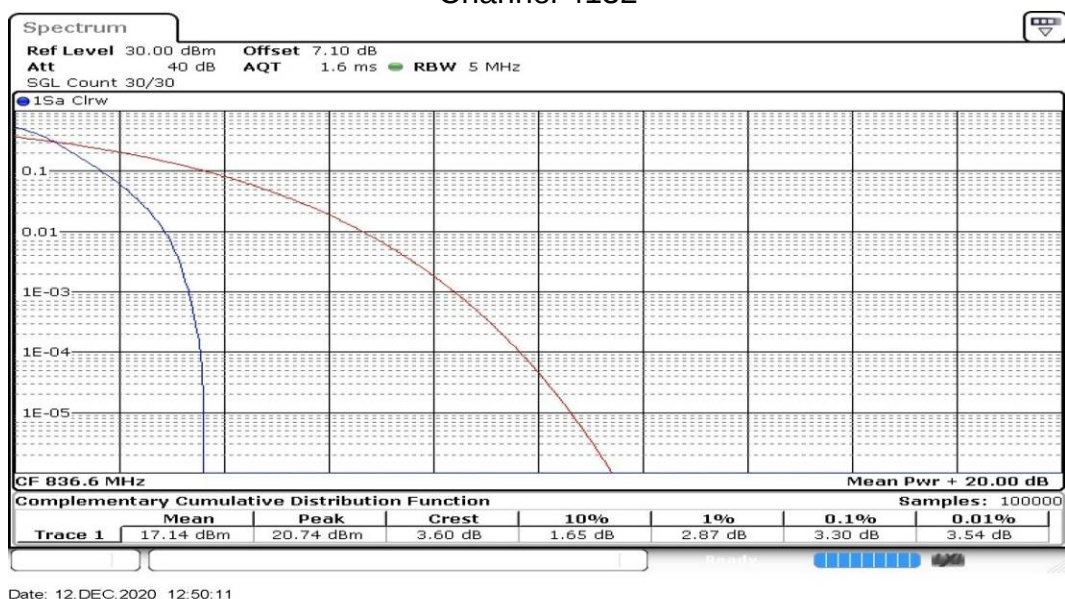
## Peak-Average Ratio

WCDMA band V

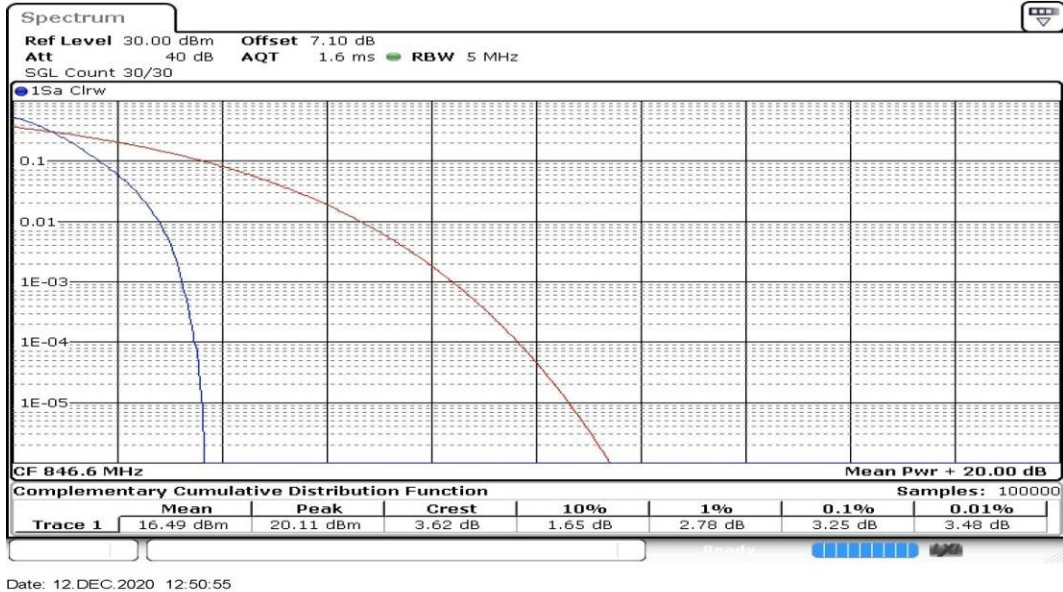
REL99 Mode:



Channel 4132

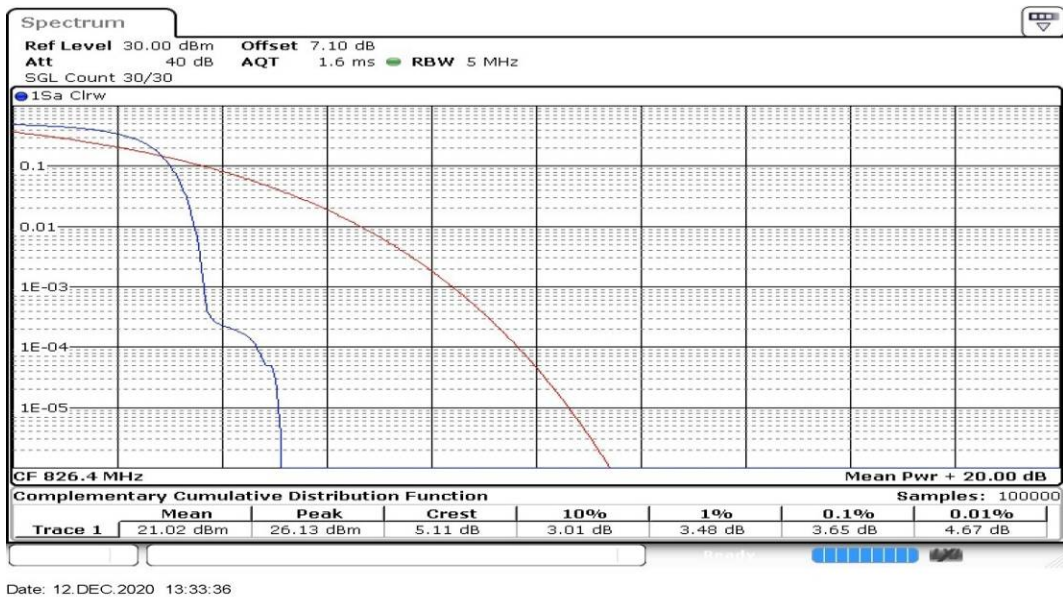


Channel 4183

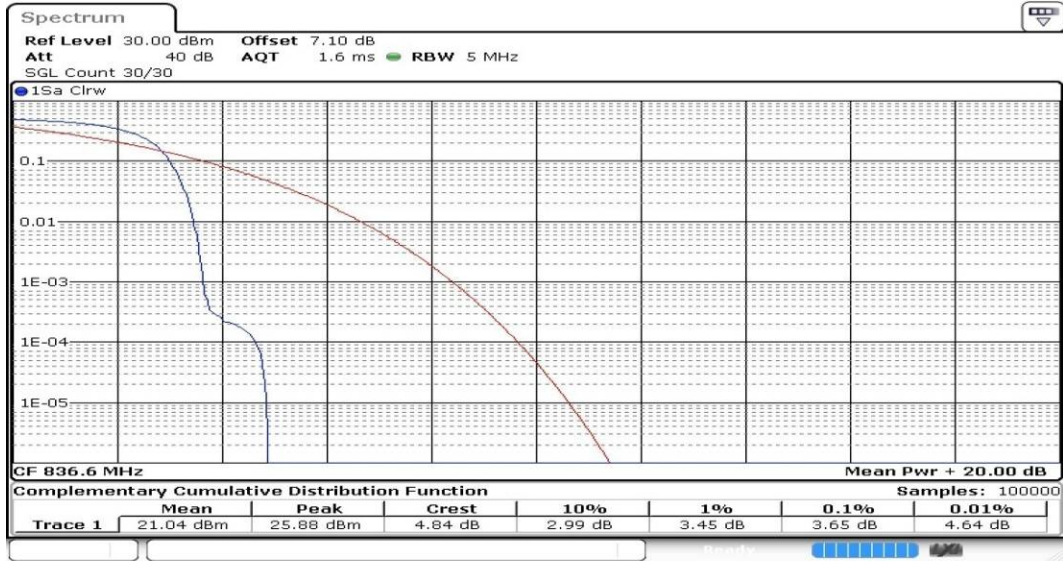


Channel 4233

HSDPA Mode:

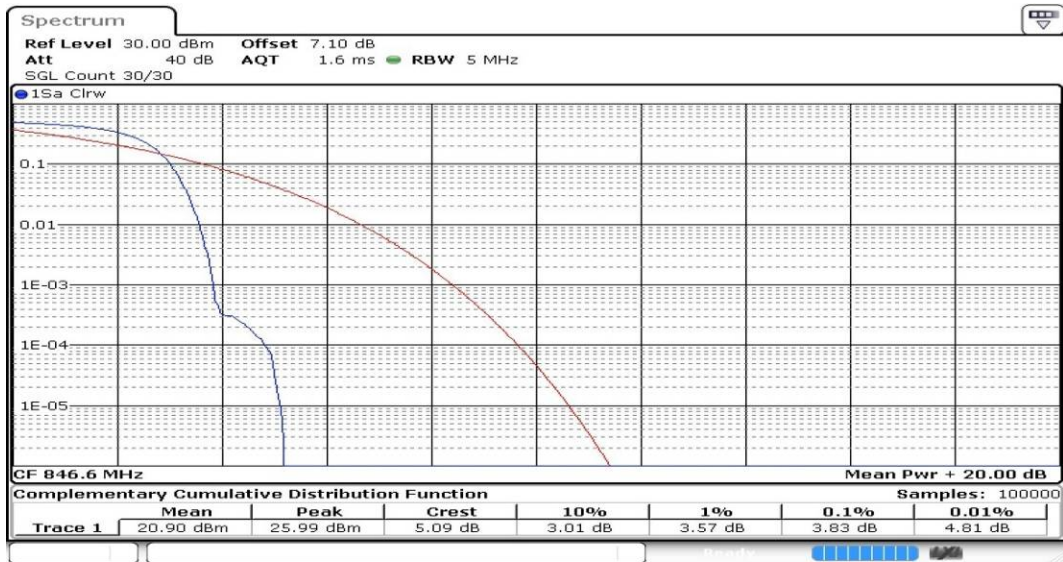


Channel 4132



Date: 12.DEC.2020 13:37:13

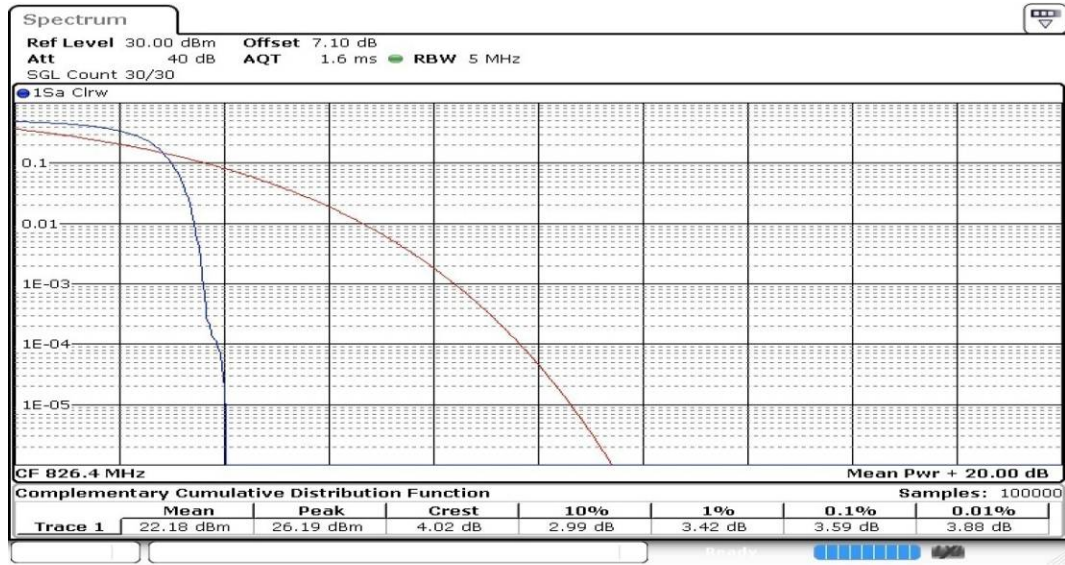
Channel 4183



Date: 12.DEC.2020 13:40:42

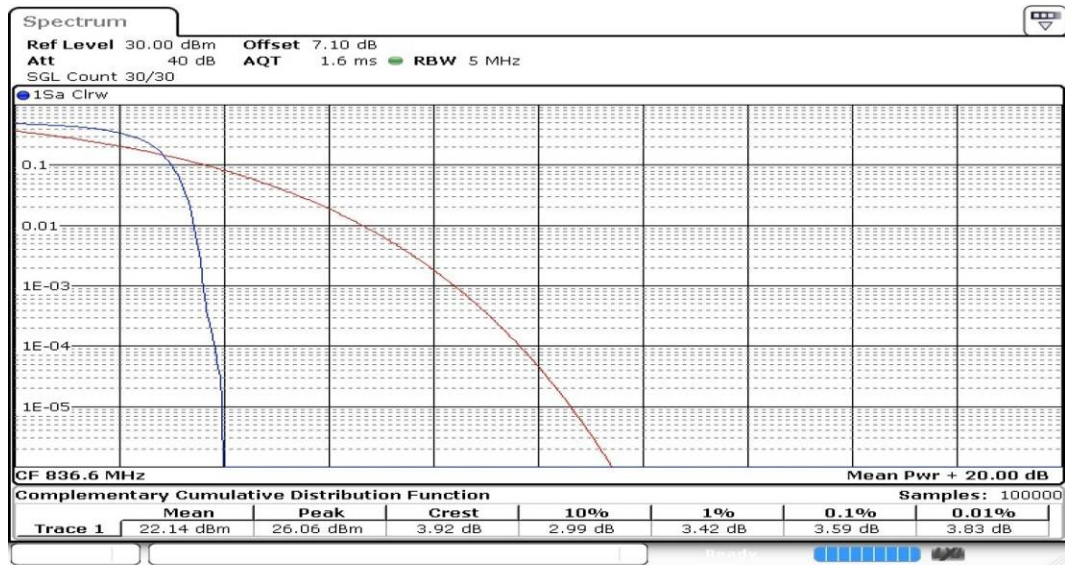
Channel 4233

## HSUPA Mode:



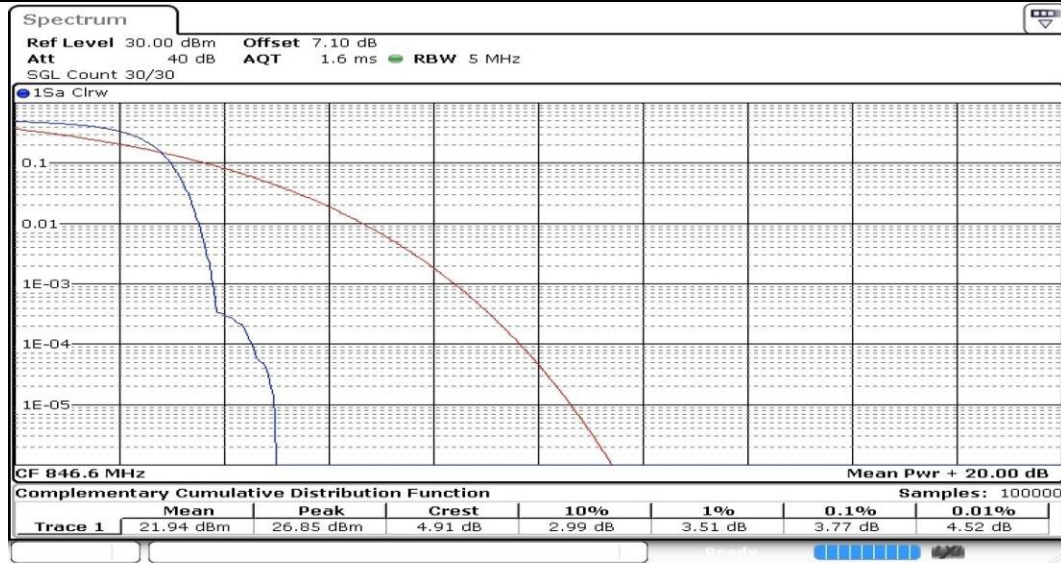
Date: 12.DEC.2020 14:19:28

## Channel 4132



Date: 12.DEC.2020 14:23:56

## Channel 4183



Date: 12.DEC.2020 14:28:40

Channel 4233

## Effective Radiated Power and Effective Isotropic Radiated Power

WCDMA band V

| Mode       |               | Carrier frequency (MHz) | Channel No. | Conducted Power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|---------------|-------------------------|-------------|-----------------------|----------------|--------------|
| Release 99 | RMC,12.2 kbps | 826.4                   | 4132        | 23.48                 | 18.83          | 0.076        |
|            |               | 836.6                   | 4183        | 23.40                 | 18.75          | 0.075        |
|            |               | 846.6                   | 4233        | 23.41                 | 18.76          | 0.075        |
| HSDPA      | Subtest1      | 826.4                   | 4132        | 22.75                 | 18.10          | 0.065        |
|            |               | 836.6                   | 4183        | 22.67                 | 18.02          | 0.063        |
|            |               | 846.6                   | 4233        | 22.53                 | 17.88          | 0.061        |
|            | Subtest2      | 826.4                   | 4132        | 22.13                 | 17.48          | 0.056        |
|            |               | 836.6                   | 4183        | 22.29                 | 17.64          | 0.058        |
|            |               | 846.6                   | 4233        | 22.07                 | 17.42          | 0.055        |
|            | Subtest3      | 826.4                   | 4132        | 22.08                 | 17.43          | 0.055        |
|            |               | 836.6                   | 4183        | 21.98                 | 17.33          | 0.054        |
|            |               | 846.6                   | 4233        | 21.97                 | 17.32          | 0.054        |
|            | Subtest4      | 826.4                   | 4132        | 21.94                 | 17.29          | 0.054        |
|            |               | 836.6                   | 4183        | 21.87                 | 17.22          | 0.053        |
|            |               | 846.6                   | 4233        | 21.84                 | 17.19          | 0.052        |
| HSUPA      | Subtest1      | 826.4                   | 4132        | 23.21                 | 18.56          | 0.072        |
|            |               | 836.6                   | 4183        | 23.17                 | 18.52          | 0.071        |
|            |               | 846.6                   | 4233        | 22.98                 | 18.33          | 0.068        |
|            | Subtest2      | 826.4                   | 4132        | 23.25                 | 18.60          | 0.072        |
|            |               | 836.6                   | 4183        | 23.21                 | 18.56          | 0.072        |
|            |               | 846.6                   | 4233        | 23.02                 | 18.37          | 0.069        |
|            | Subtest3      | 826.4                   | 4132        | 23.21                 | 18.56          | 0.072        |
|            |               | 836.6                   | 4183        | 23.17                 | 18.52          | 0.071        |
|            |               | 846.6                   | 4233        | 22.97                 | 18.32          | 0.068        |
|            | Subtest4      | 826.4                   | 4132        | 23.35                 | 18.70          | 0.074        |
|            |               | 836.6                   | 4183        | 23.27                 | 18.62          | 0.073        |
|            |               | 846.6                   | 4233        | 23.12                 | 18.47          | 0.070        |
|            | Subtest5      | 826.4                   | 4132        | 23.16                 | 18.51          | 0.071        |
|            |               | 836.6                   | 4183        | 23.14                 | 18.49          | 0.071        |
|            |               | 846.6                   | 4233        | 22.97                 | 18.32          | 0.068        |

## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

Radiated Spurious Emissions

WCDMA band II

Test result:

WCDMA Mode:

Channel 9262

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.44         | -48.94      | -13           | Vertical     |
| 2781.57         | -47.30      | -13           | Vertical     |
| 3726.82         | -40.75      | -13           | Vertical     |
| 6676.15         | -39.59      | -13           | Vertical     |
| 9963.05         | -37.31      | -13           | Vertical     |
| 17818.95        | -33.96      | -13           | Vertical     |

Channel 9400

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.37         | -48.62      | -13           | Vertical     |
| 2778.23         | -47.16      | -13           | Vertical     |
| 3724.56         | -41.17      | -13           | Vertical     |
| 6678.48         | -40.03      | -13           | Vertical     |
| 9962.12         | -36.84      | -13           | Vertical     |
| 17818.73        | -34.15      | -13           | Vertical     |

Channel 9538

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.77         | -48.95      | -13           | Vertical     |
| 2781.56         | -47.10      | -13           | Vertical     |
| 3728.22         | -40.83      | -13           | Vertical     |
| 6676.03         | -39.54      | -13           | Vertical     |
| 9962.03         | -37.33      | -13           | Vertical     |
| 17822.25        | -33.82      | -13           | Vertical     |

HSDPA/HSUPA Mode:  
Channel 9262

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.43         | -49.03      | -13           | Vertical     |
| 2780.35         | -47.21      | -13           | Vertical     |
| 3725.16         | -41.15      | -13           | Vertical     |
| 6677.51         | -39.95      | -13           | Vertical     |
| 9960.04         | -37.58      | -13           | Vertical     |
| 17820.12        | -34.04      | -13           | Vertical     |

Channel 9400

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.11         | -48.89      | -13           | Vertical     |
| 2780.80         | -47.09      | -13           | Vertical     |
| 3725.31         | -40.45      | -13           | Vertical     |
| 6677.86         | -39.66      | -13           | Vertical     |
| 9959.72         | -36.88      | -13           | Vertical     |
| 17818.85        | -33.45      | -13           | Vertical     |

Channel 9538

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.03         | -48.90      | -13           | Vertical     |
| 2781.32         | -47.61      | -13           | Vertical     |
| 3727.74         | -41.15      | -13           | Vertical     |
| 6675.93         | -39.61      | -13           | Vertical     |
| 9961.37         | -37.24      | -13           | Vertical     |
| 17819.91        | -34.25      | -13           | Vertical     |

WCDMA band IV

Test result:

WCDMA Mode:

Channel 1312

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.64         | -49.01      | -13           | Vertical     |
| 2779.41         | -47.74      | -13           | Vertical     |
| 3725.97         | -41.08      | -13           | Vertical     |
| 6678.57         | -39.61      | -13           | Vertical     |
| 9960.77         | -36.79      | -13           | Vertical     |
| 17818.45        | -33.54      | -13           | Vertical     |

Channel 1412

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.84         | -48.78      | -13           | Vertical     |
| 2781.38         | -47.26      | -13           | Vertical     |
| 3724.76         | -40.90      | -13           | Vertical     |
| 6676.50         | -39.59      | -13           | Vertical     |
| 9961.12         | -37.57      | -13           | Vertical     |
| 17821.96        | -34.23      | -13           | Vertical     |

Channel 1513

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2461.51         | -48.74      | -13           | Vertical     |
| 2780.62         | -47.18      | -13           | Vertical     |
| 3725.54         | -41.17      | -13           | Vertical     |
| 6676.07         | -39.79      | -13           | Vertical     |
| 9962.32         | -37.59      | -13           | Vertical     |
| 17822.29        | -33.70      | -13           | Vertical     |

HSDPA/HSUPA Mode:  
Channel 1312

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.73         | -49.02      | -13           | Vertical     |
| 2781.66         | -47.24      | -13           | Vertical     |
| 3726.87         | -40.81      | -13           | Vertical     |
| 6676.20         | -39.58      | -13           | Vertical     |
| 9962.80         | -36.85      | -13           | Vertical     |
| 17819.88        | -33.84      | -13           | Vertical     |

Channel 1412

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.47         | -49.43      | -13           | Vertical     |
| 2781.22         | -47.48      | -13           | Vertical     |
| 3724.78         | -40.50      | -13           | Vertical     |
| 6676.83         | -40.09      | -13           | Vertical     |
| 9961.20         | -37.23      | -13           | Vertical     |
| 17819.83        | -34.39      | -13           | Vertical     |

Channel 1513

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.16         | -48.71      | -13           | Vertical     |
| 2778.49         | -47.74      | -13           | Vertical     |
| 3726.95         | -40.82      | -13           | Vertical     |
| 6677.41         | -39.20      | -13           | Vertical     |
| 9961.64         | -37.29      | -13           | Vertical     |
| 17819.77        | -33.74      | -13           | Vertical     |

WCDMA band V

Test result:

WCDMA Mode:

Channel 4132

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.18         | -52.98      | -13           | Vertical     |
| 1666.88         | -50.78      | -13           | Vertical     |
| 2534.33         | -44.65      | -13           | Vertical     |
| 2575.76         | -43.88      | -13           | Vertical     |
| 8961.07         | -39.39      | -13           | Vertical     |
| 9971.44         | -36.21      | -13           | Vertical     |

Channel 4183

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.14         | -52.64      | -13           | Vertical     |
| 1667.83         | -51.10      | -13           | Vertical     |
| 2536.02         | -44.51      | -13           | Vertical     |
| 2579.09         | -43.74      | -13           | Vertical     |
| 8961.16         | -39.10      | -13           | Vertical     |
| 9969.86         | -36.26      | -13           | Vertical     |

Channel 4233

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.60         | -53.15      | -13           | Vertical     |
| 1667.47         | -50.91      | -13           | Vertical     |
| 2534.65         | -44.46      | -13           | Vertical     |
| 2578.61         | -44.35      | -13           | Vertical     |
| 8960.82         | -39.25      | -13           | Vertical     |
| 9973.58         | -36.52      | -13           | Vertical     |

HSDPA/HSUPA Mode:  
Channel 4132

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1648.89         | -53.12      | -13           | Vertical     |
| 1667.52         | -51.65      | -13           | Vertical     |
| 2534.46         | -44.52      | -13           | Vertical     |
| 2576.99         | -44.62      | -13           | Vertical     |
| 8962.72         | -39.47      | -13           | Vertical     |
| 9972.70         | -36.19      | -13           | Vertical     |

Channel 4183

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1648.37         | -53.24      | -13           | Vertical     |
| 1666.41         | -51.31      | -13           | Vertical     |
| 2532.85         | -44.19      | -13           | Vertical     |
| 2575.36         | -43.82      | -13           | Vertical     |
| 8962.89         | -39.11      | -13           | Vertical     |
| 9973.45         | -36.16      | -13           | Vertical     |

Channel 4233

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.68         | -53.05      | -13           | Vertical     |
| 1666.15         | -51.09      | -13           | Vertical     |
| 2534.03         | -43.86      | -13           | Vertical     |
| 2575.59         | -43.81      | -13           | Vertical     |
| 8964.41         | -39.24      | -13           | Vertical     |
| 9972.09         | -36.60      | -13           | Vertical     |

---The end of the test report---