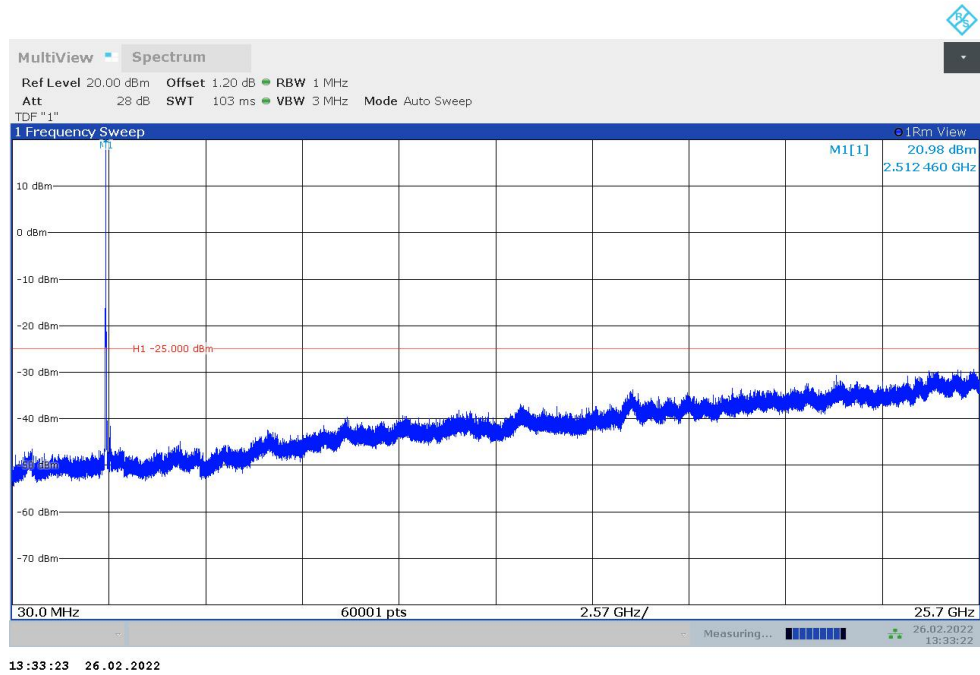


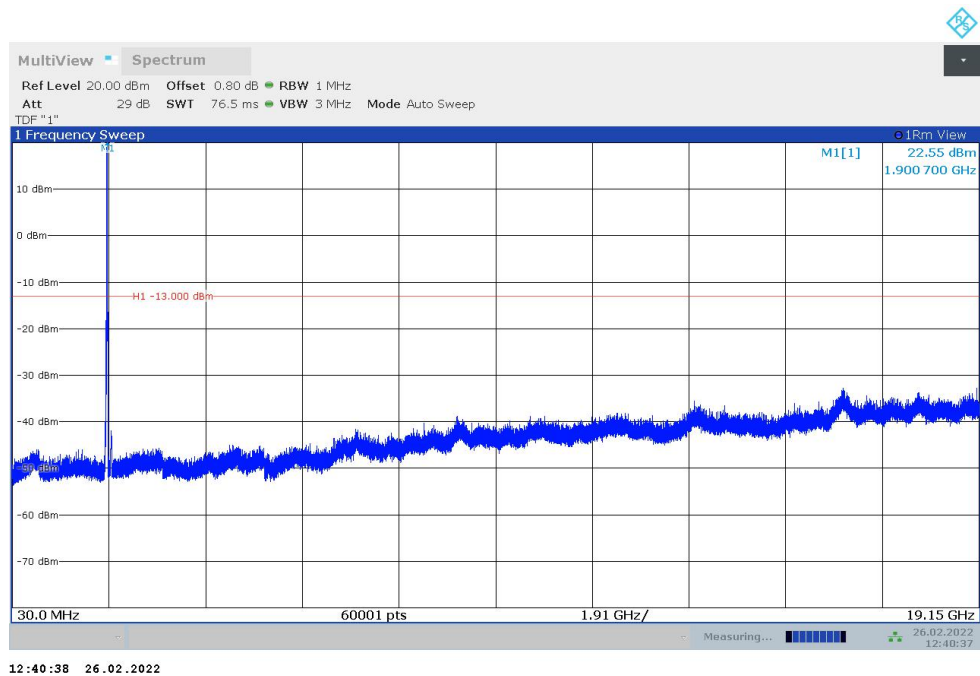
### LTE Band 66+NR n7

NOTE: peak above the limit line is the carrier frequency.



### LTE Band 66+NR n25

NOTE: peak above the limit line is the carrier frequency.



## **A.8 Peak-to-Average Power Ratio**

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Record the maximum PAPR level associated with a probability of 0.1%.

### **Measurement results**

#### **n41,100MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 2592.99         | 4.79            | 5.57       | 6.20        | 6.43        | 6.49         | 8.05    | 8.06     | 8.11     | 8.18      |

#### **n5,20MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 836.5           | 4.22            | 5.34       | 6.20        | 6.40        | 6.70         | 8.12    | 8.16     | 8.36     | 8.64      |

#### **n66,40MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 1745            | 4.60            | 4.84       | 6.10        | 6.38        | 6.52         | 8.14    | 8.20     | 8.24     | 8.54      |

#### **n71,20MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 680.5           | 4.38            | 5.52       | 6.14        | 6.40        | 6.40         | 8.10    | 8.16     | 8.16     | 8.16      |

#### **n77L,90MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 3500.01         | 4.41            | 5.63       | 6.29        | 6.57        | 6.57         | 8.25    | 8.19     | 8.31     | 8.54      |

#### **n77H,100MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 3840            | 3.81            | 4.68       | 6.24        | 6.50        | 6.62         | 8.45    | 8.47     | 8.45     | 8.45      |

**LTE Band 66+NR n7,20MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 2535            | 5.04            | 6.20       | 6.88        | 7.14        | 7.18         | 8.86    | 8.72     | 8.78     | 9.44      |

**LTE Band 66+NR n25,20MHz**

| Frequency (MHz) | PAPR (dB)       |            |             |             |              |         |          |          |           |
|-----------------|-----------------|------------|-------------|-------------|--------------|---------|----------|----------|-----------|
|                 | DFT-s-pi/2 BPSK | DFT-s-QPSK | DFT-s-16QAM | DFT-s-64QAM | DFT-s-256QAM | CP-QPSK | CP-16QAM | CP-64QAM | CP-256QAM |
| 1882.5          | 5.52            | 6.52       | 7.22        | 7.52        | 7.50         | 9.18    | 9.12     | 9.10     | 9.40      |

## Annex B: Accreditation Certificate

|   |   |
|---|---|
| <p>United States Department of Commerce<br/>National Institute of Standards and Technology</p>     |   |
| <hr/> <b>Certificate of Accreditation to ISO/IEC 17025:2017</b> <hr/>   |   |
| NVLAP LAB CODE: 600118-0  |   |
| <b>Telecommunication Technology Labs, CAICT</b><br>Beijing<br>China   |   |
| <i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services,<br/>listed on the Scope of Accreditation, for:</i>   |   |
| <b>Electromagnetic Compatibility &amp; Telecommunications</b>   |   |
| <i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.<br/>This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality<br/>management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i> |   |
| 2021-09-29 through 2022-09-30<br><i>Effective Dates</i>   | <br><br><i>For the National Voluntary Laboratory Accreditation Program</i> |

\*\*\*END OF REPORT\*\*\*