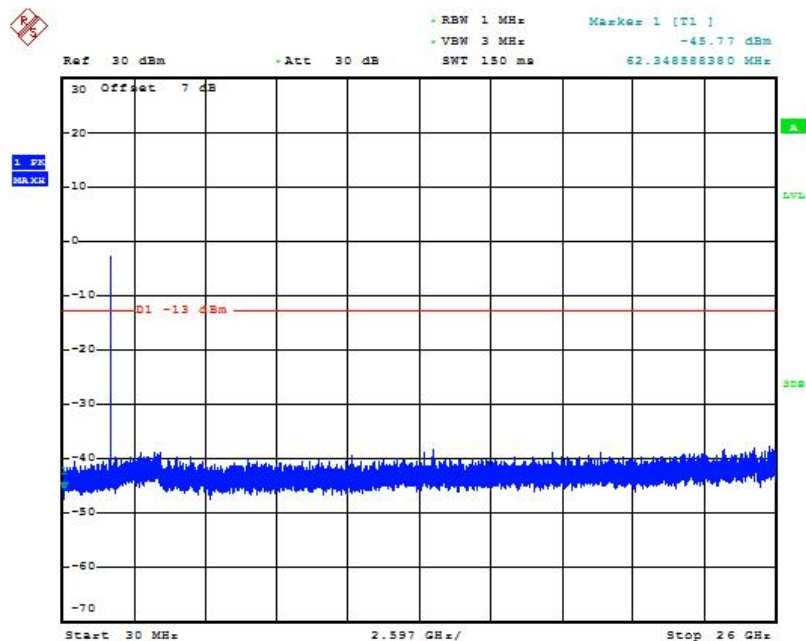


## LTE band 66: 30MHz – 26GHz

Spurious emission limit –13dBm.



Date: 4.SEP.2018 15:00:29

**ANNEX A.8. PEAK-TO-AVERAGE POWER RATIO**

**Reference**

FCC: CFR Part 24.232 (d), 27.50(a)

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

According to KDB 971168 5.7:

- 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) Set the measurement interval to 1 ms
- e) Record the maximum PAPR level associated with a probability of 0.1%

**A.8.1 Measurement limit**

not exceed 13 dB

**A.8.2 Measurement results**

**LTE band 2, 20MHz**

Frequency(MHz)	PAPR(dB)	
	1880.0	QPSK
4.87		6.25

**LTE band 4, 20MHz**

Frequency(MHz)	PAPR(dB)	
	1732.5	QPSK
4.94		6.28

**LTE band5, 10MHz**

Frequency(MHz)	PAPR(dB)	
	836.5	QPSK
5.58		6.28

**LTE band 7, 20MHz**

Frequency(MHz)	PAPR(dB)	
	2535.0	QPSK
4.94		6.25

**LTE band 12,10MHz**

Frequency(MHz)	PAPR(dB)	
	QPSK	16QAM
707.5	5.48	6.19

**LTE band 66,20MHz**

Frequency(MHz)	PAPR(dB)	
	QPSK	16QAM
1745.0	5.03	6.31

## **ANNEX B. Deviations from Prescribed Test Methods**

No deviation from Prescribed Test Methods.

ANNEX C. Accreditation Certificate



**Accredited Laboratory**

A2LA has accredited

**EAST CHINA INSTITUTE OF TELECOMMUNICATIONS**  
Shanghai, People's Republic of China

for technical competence in the field of  
**Electrical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 15<sup>th</sup> day of March 2017.



President and CEO  
For the Accreditation Council  
Certificate Number 3682.01  
Valid to February 28, 2019

*For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.*

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