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 ≥ 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%.

LTE band 7, 20MHz

Frequency(MHz)	PAPR(dB)			
2535.0	QPSK	16QAM	64QAM	256QAM
	6.92	7.31	7.53	7.69

LTE band 12, 10MHz

Frequency(MHz)	PAPR(dB)			
707.5	QPSK	16QAM	64QAM	256QAM
	5.16	6.12	6.47	6.70

LTE band 13, 10MHz

Frequency(MHz)	PAPR(dB)			
782.0	QPSK	16QAM	64QAM	256QAM
	6.51	6.47	6.44	6.86

LTE band 25, 20MHz

Frequency(MHz)	PAPR(dB)			
1882.5	QPSK	16QAM	64QAM	256QAM
	6.70	7.34	7.47	7.56

LTE band 30, 10MHz

Frequency(MHz)	PAPR(dB)			
2310.0	QPSK	16QAM	64QAM	256QAM
	5.67	6.47	6.86	7.08

LTE band 41, 20MHz

Frequency (MHz)	PAPR (dB)			
2593.0	QPSK	16QAM	64QAM	256QAM
	8.91	9.04	9.04	9.13

LTE band 66, 20MHz

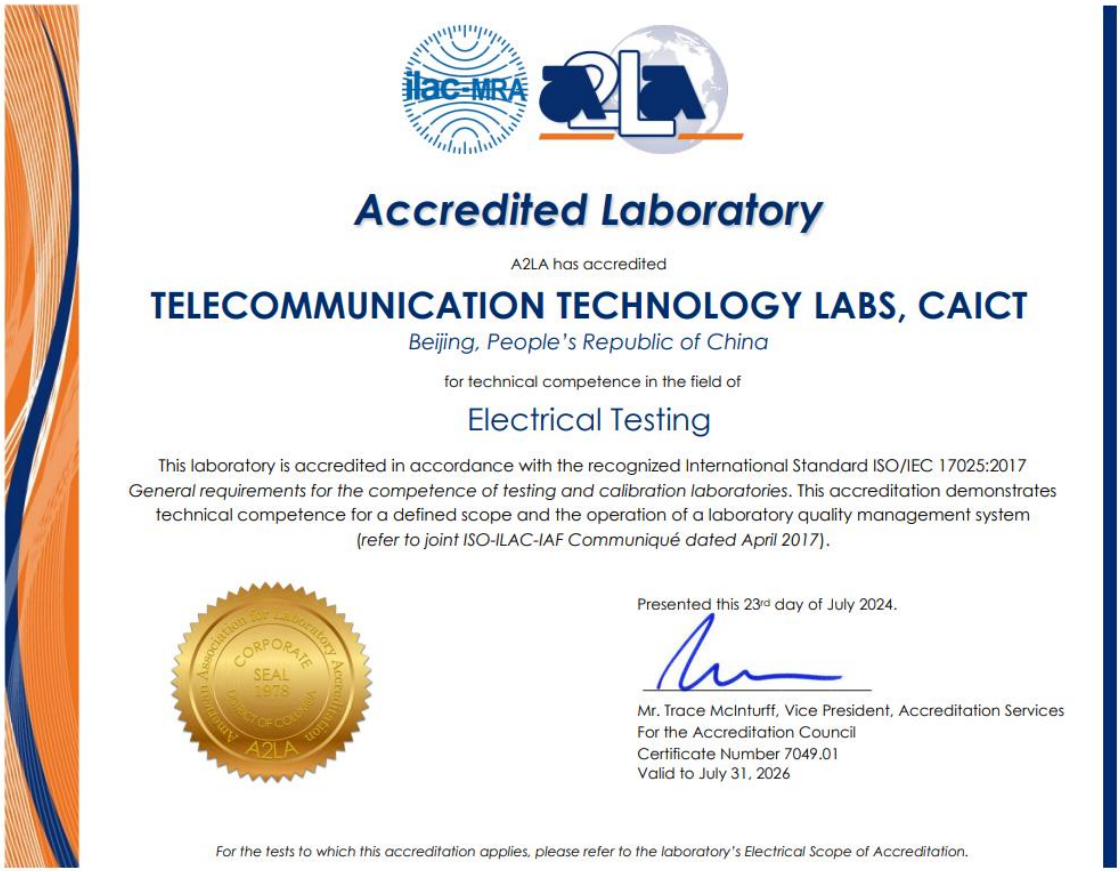
Frequency(MHz)	PAPR(dB)			
1745.0	QPSK	16QAM	64QAM	256QAM
	7.40	7.47	7.40	7.50

LTE band 71, 20MHz

Frequency(MHz)	PAPR(dB)			
680.5	QPSK	16QAM	64QAM	256QAM
	6.44	7.24	7.31	7.37

Note: Expanded measurement uncertainty is U = 0.578 dB, *k* = 2.

Annex B: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, 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 17025:2017 *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 April 2017*).

Presented this 23rd day of July 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2026

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

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