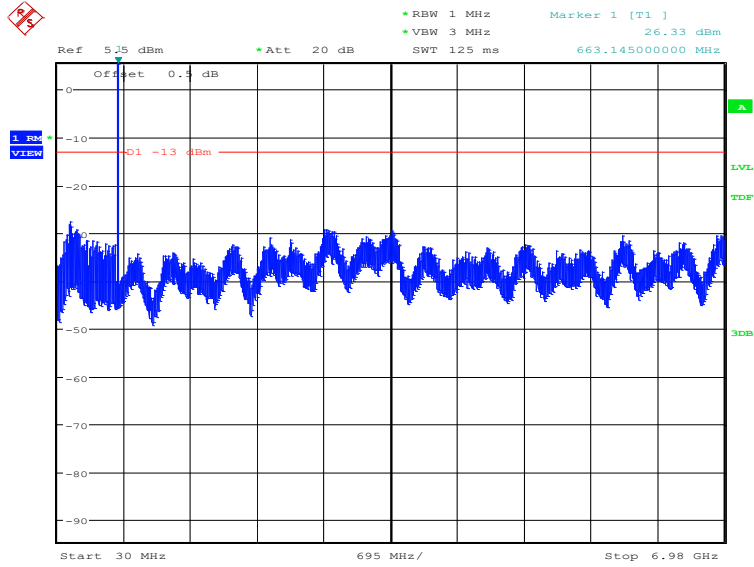


### LTE band 71: 30MHz – 6.98GHz

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



Date: 21.JAN.2021 09:43:27

## **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%.

### **LTE band 7, 20MHz**

Frequency (MHz)	PAPR (dB)		
2535.0	QPSK	16QAM	64QAM
	6.96	7.50	7.53

### **LTE band 12, 10MHz**

Frequency (MHz)	PAPR (dB)		
707.5	QPSK	16QAM	64QAM
	5.51	6.31	6.57

### **LTE band 13, 10MHz**

Frequency (MHz)	PAPR (dB)		
782.0	QPSK	16QAM	64QAM
	5.22	6.03	6.47

### **LTE band 25, 20MHz**

Frequency (MHz)	PAPR (dB)		
1882.5	QPSK	16QAM	64QAM
	6.73	7.31	7.31

### **LTE band 30, 10MHz**

Frequency (MHz)	PAPR (dB)		
2310.0	QPSK	16QAM	64QAM
	5.87	6.67	6.92

### **LTE band 41, 20MHz**

Frequency (MHz)	PAPR (dB)		
2593.0	QPSK	16QAM	64QAM
	8.11	8.97	9.01

**LTE band 48, 20MHz**

Frequency (MHz)	PAPR (dB)		
3625.0	QPSK	16QAM	64QAM
	8.85	8.91	9.04

**LTE band 66, 20MHz**

Frequency (MHz)	PAPR (dB)		
1745.0	QPSK	16QAM	64QAM
	6.67	7.34	7.37

**LTE band 71, 20MHz**

Frequency (MHz)	PAPR (dB)		
680.5	QPSK	16QAM	64QAM
	6.73	7.28	7.31

## **A.9 End User Device Additional Requirement (CBSD Protocol)**

### **A.9.1 Measurement Limit**

End user device additional requirements (CBSD Protocol) are tested per the test procedures listed below. During testing, the EUT is connected to a certified CBSD (Baicells pBS2120 FCC ID: 2AG32PBS212096) as a companion device to show compliance with Part 96.47.

End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation.

An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

### **A.9.2 Measurement Method**

The EUT was connected via an RF cable to a certified CBSD and spectrum analyzer.

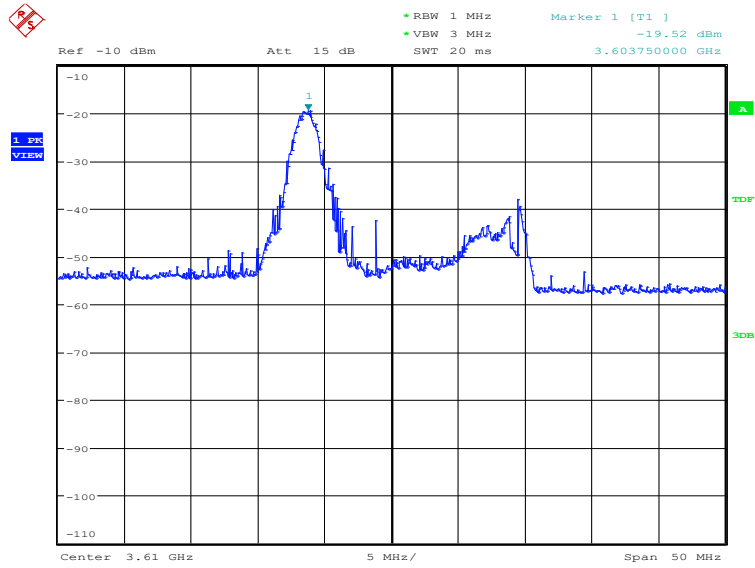
#### 1. Run#1:

- a. Setup frequency with 3600MHz – 3620MHz.
- b. Check EUT Tx frequency.
- c. Disable AP service and check EUT stop transmission within 10s.

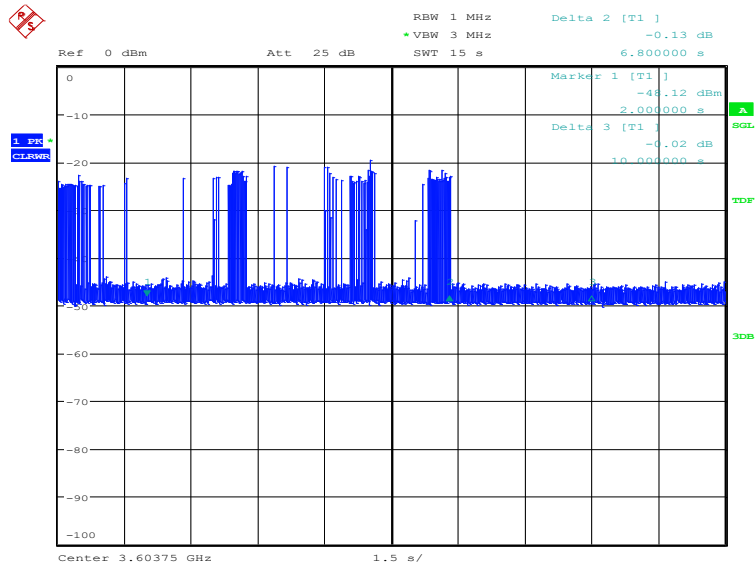
#### 2. Run#2:

- a. Setup frequency with 3665MHz – 3685MHz.
- b. Check EUT Tx frequency.
- c. Disable AP service and check EUT stop transmission within 10s.

RUN#1:



Date: 28.JAN.2021 14:12:24

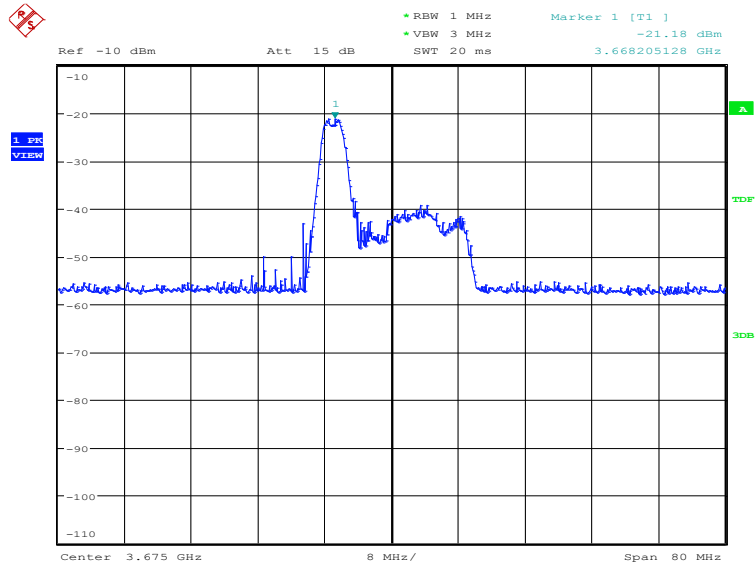


Date: 28.JAN.2021 14:18:14

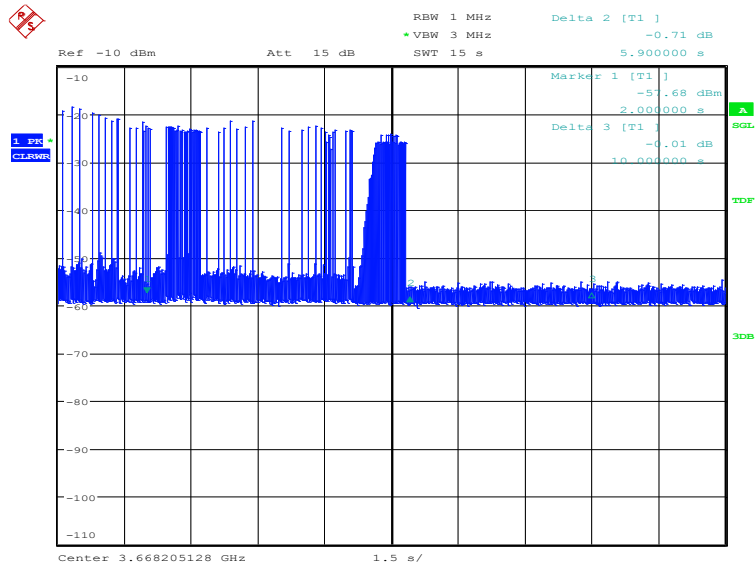
Note:

- Marker 1: CBSD sends instructions to discontinue LTE operations.
- Marker 2: EUT discontinues operation.
- Marker 3: 10 seconds elapsed time from CBSD sending instructions to EUT.

RUN#2:



Date: 28.JAN.2021 14:25:00



Date: 28.JAN.2021 14:27:26

Note:

Marker 1: CBSD sends instructions to discontinue LTE operations.

Marker 2: EUT discontinues operation.

Marker 3: 10 seconds elapsed time from CBSD sending instructions to EUT

## Annex B: Accreditation Certificate

<p>United States Department of Commerce National Institute of Standards and Technology</p> <p><b>NVLAP</b>® </p> <hr/> <p><b>Certificate of Accreditation to ISO/IEC 17025:2017</b></p> <hr/> <p>NVLAP LAB CODE: 600118-0</p> <p><b>Telecommunication Technology Labs, CAICT</b> Beijing China</p> <p><i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i></p> <p><b>Electromagnetic Compatibility &amp; Telecommunications</b></p> <p><i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i></p> <hr/> <p>2020-09-29 through 2021-09-30 <i>Effective Dates</i></p> <p style="text-align: center;"></p> <p style="text-align: right;"> For the National Voluntary Laboratory Accreditation Program</p>	
---	--

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