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Date: March 29, 2019

Federal Communications Commission  
Office of Engineering and Technology Laboratory Division  
7435 Oakland Mills Rd  
Columbia MD 21046-1609

SUBJECT: FCC Application for FCC ID: 2ABZ2-GM1915

To Whom It May Concern:

We hereby attest that, LTE release 14 limitations and support restrictions of FCC ID:  
2ABZ2-GM1915:

- a) LTE Rel. 14, V14.3.0
- b) Downlink (CA) and Uplink (CA) are supported.
  - Both Inter- and intra-band CA are supported
  - Support following CA Bandwidth, and follow 3GPP V14.3.0

## **2DL CA:**

CA\_12A-30A、CA\_12A-66A、CA\_13A-66A、CA\_1A-18A、CA\_1A-19A、CA\_1A-20A、  
CA\_1A-26A、CA\_1A-28A、CA\_1A-38A、CA\_1A-3A、CA\_1A-41A、CA\_1A-5A、CA\_1A-7A、  
CA\_1A-8A、CA\_1C、CA\_20A-38A、CA\_25A-26A、CA\_29A-30A、CA\_2A-12A、CA\_2A-13A、  
CA\_2A-29A、CA\_2A-2A、CA\_2A-30A、CA\_2A-48A、CA\_2A-4A、CA\_2A-5A、CA\_2A-66A、  
CA\_2A-71A、CA\_2A-7A、CA\_2C、CA\_38C、CA\_39A-41A、CA\_39C、CA\_3A-19A、  
CA\_3A-20A、CA\_3A-26A、CA\_3A-28A、CA\_3A-3A、CA\_3A-38A、CA\_3A-41A、CA\_3A-5A、  
CA\_3A-7A、CA\_3A-8A、CA\_3C、CA\_41A-41A、CA\_41C、CA\_48A-48A、CA\_48A-66A、  
CA\_48C、CA\_4A-12A、CA\_4A-13A、CA\_4A-29A、CA\_4A-30A、CA\_4A-4A、CA\_4A-5A、  
CA\_4A-71A、CA\_4A-7A、CA\_5A-30A、CA\_5A-66A、CA\_5B、CA\_66A-66A、CA\_66A-71A、  
CA\_66B、CA\_66C、CA\_7A-12A、CA\_7A-20A、CA\_7A-28A、CA\_7A-7A、CA\_7A-8A、  
CA\_7C、CA\_8A-38A、CA\_2A-46A、CA\_4A-46A、CA\_46A-66A、CA\_5A-48A

## **3DL CA:**

CA\_12A-30A-66A、CA\_12A-66A-66A、CA\_12A-66C、CA\_13A-66A-66A、CA\_1A-3A-19A、  
CA\_1A-3A-20A、CA\_1A-3A-26A、CA\_1A-3A-28A、CA\_1A-3A-38A、CA\_1A-3A-41A、

CA\_1A-3A-5A、CA\_1A-3A-7A、CA\_1A-3A-8A、CA\_1A-3C、CA\_1A-41C、CA\_1A-7A-20A、  
CA\_1A-7A-28A、CA\_1A-7A-8A、CA\_20A-38C、CA\_2A-12A-30A、CA\_2A-12A-66A、  
CA\_2A-13A-66A、CA\_2A-29A-30A、CA\_2A-2A-12A、CA\_2A-2A-13A、CA\_2A-2A-4A、  
CA\_2A-2A-5A、CA\_2A-2A-66A、CA\_2A-2A-71A、CA\_2A-48A-48A、CA\_2A-48A-66A、  
CA\_2A-48C、CA\_2A-4A-12A、CA\_2A-4A-13A、CA\_2A-4A-29A、CA\_2A-4A-4A、  
CA\_2A-4A-5A、CA\_2A-4A-71A、CA\_2A-4A-7A、CA\_2A-5A-30A、CA\_2A-5A-66A、  
CA\_2A-66A-66A、CA\_2A-66A-71A、CA\_2A-66C、CA\_2A-7A-7A、CA\_2C-66A、  
CA\_39A-41C、CA\_39C-41A、CA\_3A-20A-38A、CA\_3A-3A-20A、CA\_3A-3A-7A、  
CA\_3A-3A-8A、CA\_3A-7A-20A、CA\_3A-7A-28A、CA\_3A-7A-7A、CA\_3A-7A-8A、  
CA\_3A-7C、CA\_3A-8A-38A、CA\_3C-20A、CA\_3C-41A、CA\_3C-5A、CA\_3C-7A、  
CA\_41A-41C、CA\_41D、CA\_48A-48A-66A、CA\_48C-48A、CA\_48C-66A、CA\_48D、  
CA\_4A-12A-30A、CA\_4A-29A-30A、CA\_4A-4A-12A、CA\_4A-4A-13A、CA\_4A-4A-5A、  
CA\_4A-4A-71A、CA\_4A-4A-7A、CA\_4A-5A-30A、CA\_4A-7A-12A、CA\_4A-7A-7A、  
CA\_5A-30A-66A、CA\_5A-66A-66A、CA\_5A-66C、CA\_66A-66A-71A、CA\_66A-66C、  
CA\_66C-71A、CA\_7C-20A、CA\_2A-46C、CA\_4A-46C、CA\_46C-66A、CA\_4A-46A-46A、  
CA\_2A-46A-46A、CA\_2A-46A-66A、CA\_46A-46A-66A

#### **4DL CA:**

CA\_2A-66C-71A、CA\_2A-66A-66A-71A、CA\_2A-2A-66A-71A、CA\_48E、CA\_48D-66A、  
CA\_2A-2A-46C、CA\_2A-4A-7A-7A、CA\_2A-46D、CA\_4A-46D、CA\_46D-66A、  
CA\_2A-46A-46A-66A、CA\_4A-46A-46C、CA\_2A-46A-46C、CA\_46A-46C-66A、  
CA\_2A-46C-66A、CA\_2A-2A-66C、CA\_2A-12A-66C、CA\_2C-66A-66A、  
CA\_2A-2A-5A-66A、CA\_2A-2A-13A-66A、CA\_2A-5A-66A-66A、CA\_2A-5A-66B、  
CA\_2A-5A-66C、CA\_2A-13A-66A-66A、CA\_2A-13A-66B、CA\_2A-13A-66C、  
CA\_2A-12A-66A-66A、CA\_2A-2A-66A-66A、CA\_2A-2A-12A-66A

#### **5DL CA:**

CA\_2A-46E、CA\_2A-2A-46D、CA\_48E-66A、CA\_46A-46D-66A、CA\_4A-46A-46D、  
CA\_2A-46A-46D、CA\_2A-46A-46C-66A、CA\_2A-46D-66A

#### **UL CA:**

B3C, B7C, B39C, B41C

UL 64QAM all bands/DL 256QAM

- c) Uplink CA supported.
- d) Enhanced SC-FDMA is not supported.
- e) LTE uplink MIMO and other transmit diversity is not supported
- f) UE category is Rel. 14, Category 18

- g) CoMP, HetNet, Relay, SON, cross carrier scheduling, enhanced downlink MIMO, MBMS, M2M/D2 are not supported.
- h) SVLTE is not supported
- i) Wi-Fi 802.11 abgn/ac; Bluetooth v3.0+EDR, v4.0+LE, V5.0/ NFC transmitters are contained in this device.

Sincerely yours,

*You Jiang Ke*

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