

# CTC Laboratories, Inc.

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# **Maximum RF Exposure Evaluation**

**FCC ID: 2A6QBLADAMON** 

According to KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

#### **EUT Specification**

Product Name:	Smartphone live streaming Sound Device		
Trade Mark:	<b>J</b>		
Model/Type reference:	LADAMON		
Listed Model(s):	N/A		
Frequency band (Operating)	□BT/EDR: 2.402GHz ~ 2.480GHz □BLE: 2.402GHz ~ 2.480GHz □WLAN: 2.412GHz ~ 2.462GHz □Others:		
Device category			
Antenna diversity	Single antenna  ☐Multiple antennas ☐Tx diversity ☐Rx diversity ☐Tx/Rx diversity		
Antenna gain (Max)	2.81dBi		
Evaluation applied			

## Limit

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)]  $\cdot [\sqrt{f_{(GHz)}}] \le$  3.0

#### Where

- -f(GHz) is the RF channel transmit frequency in GHz
- -Power and distance are rounded to the nearest mW and mm before calculation
- -The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

### Measurement Result

Band	Frequency (MHz)	Antenna Gain (dBi)		Tune up tolerance (dBm)	Max. Tune up Power (dBm)	Calculation Value	Limit
BLE	2440	2.81	3.915	3±1	4	0.785	3.000

#### Note

For a more detailed features description, please refer to the RF Test Report.

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