



**BUREAU  
VERITAS**

Test Report No.: FS170508N010

# RF EXPOSURE REPORT

Applicant	BRAVEN LC
Address	6001 Oak Canyon Irvine CA 92618 USA

Manufacturer or Supplier	Dongguan Taide Industrial Co.,Ltd.
Address	Taide Technology Park, Jinfenghuang Industrial Area, FenggangTown, Dongguan City, Guangdong Province
Product	Bluetooth speaker
Brand Name	BRAVEN
Model	STRYDE 360
Additional Model & Model Difference	BBRVFCGR, BBRVFCSG
Date of tests	May 08, 2017 ~ May 12, 2017

**FCC Part 2 (Section 2.1091)**

**IC RSS-102 Issue 5**

**KDB 447498 D01**

**IEEE C95.1**

**CONCLUSION: The submitted sample was found to COMPLY with the test requirement**

Tested by Andy Zhu  
Project Engineer / EMC Department

Approved by Glyn He  
Supervisor/ EMC Department

Date: Jun. 03, 2017

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS170508N010	Original release	Jun. 03, 2017

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## 1. CERTIFICATION

<b>FCC ID:</b>	Z7RBS360
<b>IC:</b>	10013A-BS360
<b>PRODUCT:</b>	Bluetooth speaker
<b>BRAND NAME:</b>	BRAVEN
<b>MODEL NO.:</b>	STRYDE 360
<b>ADDITIONAL NO.:</b>	BBRVFCGR, BBRVFCSG
<b>TEST SAMPLE:</b>	Engineering Sample
<b>APPLICANT:</b>	BRAVEN LC
<b>STANDARDS:</b>	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1
	IC RSS-102 Issue 5



## 2. RF EXPOSURE LIMIT

### LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm <sup>2</sup> )	AVERAGE TIME (minutes)
<b>LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE</b>				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

## 3. MPE CALCULATION FORMULA

$$Pd = (Pout * G) / (4 * pi * r^2)$$

where

Pd = power density in mW/cm<sup>2</sup>

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

## 4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.



## 5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Total Gain (dBi)	Antenna Type
Chain 0	0.3	0.3	PCB Antenna

## 6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

The tuned conducted Average Power (declared by client)

Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
2402-2480MHz	-4	+2	-6	-2

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2480	-3.25
8DPSK	2480	-4.09

For FCC

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
2402-2480	-2	0.3	20	0.00013	1.0

For IC

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (W/m <sup>2</sup> )	LIMIT (W/m <sup>2</sup> )
2402-2480	-2	0.3	20	0.0013	1.0

--- END ---