

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, Fenggang Town, 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

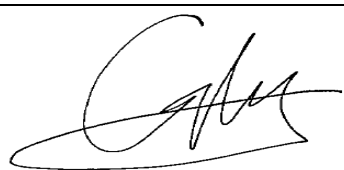
☒ **FCC Part 2 (Section 2.1091)**

☒ **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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Test Report No.: FS170508N010

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RELEASE CONTROL RECORD

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

1. CERTIFICATION

FCC ID:	Z7RBS360
IC:	10013A-BS360
PRODUCT:	Bluetooth speaker
BRAND NAME:	BRAVEN
MODEL NO.:	STRYDE 360
ADDITIONAL NO.:	BBRVFCGR, BBRVFCSG
TEST SAMPLE:	Engineering Sample
APPLICANT:	BRAVEN LC
STANDARDS:	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 ²)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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 ²)	LIMIT (mW/cm ²)
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 ²)	LIMIT (W/m ²)
2402-2480	-2	0.3	20	0.0013	1.0

--- END ---