RF EXPOSURE REPORT

FOR

Applicant	:	Comson (Shenzhen) Electronic Technology Co., Ltd.
Address	:	3rd Floor, Building 22#, No. 6 Xingye 1st road, Fenghuang Community, Fuyong, Bao'an District, Shenzhen.
Equipment under Test	:	Portable Bluetooth Speaker
Model No.	:	KS-181, SP571, KS-180
Trade Mark	:	COUMSON **SYLVANIA**
FCC ID	:	2ANXIKS18100SP571
Manufacturer	:	Comson (Shenzhen) Electronic Technology Co., Ltd.
Address	:	3rd Floor, Building 22#, No. 6 Xingye 1st road, Fenghuang Community, Fuyong, Bao'an District, Shenzhen.

Issued By: Dongguan Dongdian Testing Service Co., Ltd.

Add: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808

Tel: +86-0769-38826678, **E-mail:** ddt@dgddt.com, http://www.dgddt.com

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TEST REPORT DECLARE

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Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Dongguan Dongdian Testing Service Co., Ltd and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Dongguan Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No:	DDT-R18120304-1E3
Date of Receipt: Dec. 05, 2018	**Date of Test:** Dec. 05, 2018 ~ Dec. 14, 2018

Prepared By: *Approved By:*

Sam Li/Engineer   *Damon Hu/EMC Manager*

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Dongguan Dongdian Testing Service Co., Ltd.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Dec. 14, 2018	

1. General information

1.1. Description of Equipment

EUT* Name	:	Portable Bluetooth Speaker
Model Number	:	KS-181, SP571, KS-180
Difference of model number	:	Model difference except color difference, other appearance and function are all the same
EUT function description	:	Please reference user manual of this device
Power supply	:	DC 5V from external adapter input or built-in battery
Radio Specification	:	Bluetooth V4.2
Operation frequency	:	2402MHz-2480MHz
Modulation	:	GFSK, π/4-DQPSK
Data rate	:	1Mbps, 2Mbps
Antenna Type	:	Integral PCB antenna, maximum PK gain: -2dBi
Sample Type	:	Series production

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd

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Guangdong Province, China, 523808

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2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation

distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,

mm)] ·[$\sqrt{f(GHz)}$] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, 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 result is rounded to one decimal place for comparison

Worse case is as below: [2441MHz, -2.02dBm (0.63mW) output power]

(0.63/5) ·[$\sqrt{2.441(GHz)}$] = 0.197<3.0 for 1-g SAR

Then SAR evaluation is not required

END OF REPORT