



Test Report No.: FS160822N045

RF EXPOSURE REPORT

Applicant	Tri-Great International LTD
Address	No. 4 San Lian Road, Ping Shan District, Tang Xia, Dongguan China

Manufacturer or Supplier	Tri-Great International LTD
Address	No. 4 San Lian Road, Ping Shan District, Tang Xia, Dongguan China
Product	hoop shot cyber arcade
Brand Name	SPORTCRAFT
Model	SODIS-200
Additional Model & Model Difference	SODIS-215, SODIS-220, SODIS-235, SODIS-245, SODIS-250
Date of tests	Jun. 22, 2016 ~Jul. 20, 2016

☒ FCC Part 2 (Section 2.1091)☒ KDB 447498 D01☒ IEEE C95.1**CONCLUSION: The submitted sample was found to COMPLY with the test requirement**Tested by Breeze Jiang
Project Engineer / EMC DepartmentApproved by Glyn He
Supervisor/ EMC Department

Date: Aug. 25, 2016

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS160622N036	Original release	Jul. 20, 2016
FS160822N045	Based on the original report FS160622N036 changed FCC ID but it doesn't need to be retested after engineer evaluated.	Aug. 25, 2016



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1. CERTIFICATION

FCC ID:	ROP87981998
PRODUCT:	hoop shot cyber arcade
BRAND NAME:	SPORTCRAFT
MODEL NO.:	SODIS-200
ADDITIONAL NO.:	SODIS-215, SODIS-220, SODIS-235, SODIS-245, SODIS-250
TEST SAMPLE:	Engineering Sample
APPLICANT:	Tri-Great International LTD
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1



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

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

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)	Antenna Type
Chain 0	1.0	Integral PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2402-2480MHz	2.051	1.0	20	0.0005137	1.0

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