



**BUREAU
VERITAS**

Test Report No.: FS160808N009

RF EXPOSURE REPORT

Applicant	Pacific Industries Limited.
Address	Unit 10, 10/F., CDW Building, 382-392 Castle Peak Road, Tsuen Wan, N.T., HK

Manufacturer or Supplier	Super Happy Fun Fun, Inc.
Address	11044 Research Blvd, Suite C-220, Austin, TX 78759 U.S.A.
Product	SureShot HD Gaming Platform – Set Top Unit
Brand Name	SureShot HD
Model	2016-888-ST-001A
Additional Model & Model Difference	N/A
Date of tests	Aug. 08, 2016 ~ Aug. 12, 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 Department	Approved by Glyn He Supervisor / EMC Department
	 Date: Aug. 12, 2016

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS160808N009	Original release	Aug. 12, 2016



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1. CERTIFICATION

FCC ID:	SMEST001A
PRODUCT:	SureShot HD Gaming Platform – Set Top Unit
BRAND NAME:	SureShot HD
MODEL NO.:	2016-888-ST-001A
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	Pacific Industries Limited.
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	2.0	Wire 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)
2402-2480	4.246	2.0	20	0.00134	1.0
2412-2462	52.845	2.0	20	0.01666	1.0

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