RF EXPOSURE REPORT

Applicant	TRI-GREAT INTERNATIONAL LTD.
Address	NO.4, SAN LIAN ROAD, PING SHAN DISTRICT, TANG XIA TOWN, DONGGUAN CITY 523728,China

Manufacturer or Supplier	TRI-GREAT INTERNATIONAL LTD.
Address	NO.4, SAN LIAN ROAD, PING SHAN DISTRICT, TANG XIA TOWN, DONGGUAN CITY 523728,China
Product	COMBAT STRIKE TRACKER/FORCE TRACKER
Brand Name	UFC, NET PLAYZ
Model	ODIS-291
Additional Model & Model Difference	IS290XX, IS29230, IS293XX, IS294XX, see items 1
Date of tests	Mar. 21, 2018 ~ Apr. 11, 2018

☒ **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: May 11, 2018

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM180321N005	Original release	May 11, 2018

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1. CERTIFICATION

FCC ID:	ROP87981778
PRODUCT:	COMBAT STRIKE TRACKER/FORCE TRACKER
BRAND NAME:	UFC, NET PLAYZTM
MODEL NO.:	ODIS-291
ADDITIONAL NO.:	IS290XX, IS29230, IS293XX, IS294XX
APPLICANT:	TRI-GREAT INTERNATIONAL LTD.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

Note: Additional models IS290XX, IS29230, IS293XX, IS294XX are identical with the test model ODIS-291 except the model number and brand name for trading purpose.

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

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

where

Pd = power density in mW/cm^2

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)	Antenna Type
Chain 0	2.81	PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
BTLE-GFSK	2402-2480	-3	+-2	-1	-5

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
BTLE-GFSK	2402	-3.61

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	-5	2.81	20	0.60437	1.0

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