



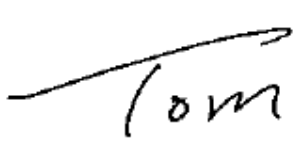
Test Report No.: FM181011N025

RF EXPOSURE REPORT

Applicant	DESAY INFOR TECHNOLOGY CO.,LTD
Address	DESAY 3rd Industry Zone, chenjiang Town Huizhou, Guangdong ,P.R. China

Manufacturer or Supplier	DESAY INFOR TECHNOLOGY CO.,LTD
Address	DESAY 3rd Industry Zone, chenjiang Town Huizhou, Guangdong ,P.R. China
Product	Smart Fishing Rod Sensor
Brand Name	 CYBERFISHING making rods smarter
Model	SRS 3
Additional Model & Model Difference	SRS 8; see items 1.1
Date of tests	Oct. 11, 2018 ~ Oct. 25, 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 Tom Chen Project Engineer / EMC Department	Approved by Glyn He Supervisor/ EMC Department
	 Date: Nov. 08, 2018

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM181011N025	Original release	Nov. 08, 2018

Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

No. 34, Chenwulu Section, Guantai Rd., Houjie
Town, Dongguan City,
Guangdong 523942, China

Tel: +86 769 8593 5656
Fax: +86 769 8593 1080
Email: customerservice.dg@cn.bureauveritas.com



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1. CERTIFICATION

FCC ID:	2AEMN-SRS3
PRODUCT:	Smart Fishing Rod Sensor
BRAND NAME:	 CYBERFISHING making rods smarter
MODEL NO.:	SRS 3
ADDITIONAL NO.:	SRS 8
APPLICANT:	DESAY INFOR TECHNOLOGY CO.,LTD
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE:

1. Additional model SRS 8 is identical with the test model SRS 3 except the appearance and model number 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

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

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	3	FPC 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)
BT-LE(GFSK)	2402-2480	-6	+1	-7	-5

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
BT-LE(GFSK)	2480	-5.32

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2402-2480	-5	3	20	0.000126	1.0

--- END ---