



BUREAU
VERITAS

Test Report No.: FS140214N007

RF EXPOSURE REPORT

Applicant	NEW SUNNY TOYS INDUSTRIAL CO.,LTD
Address	FENGXIN INDUSTRIAL PARK, FENGXIN 2ND ROAD, CHENGHAI SHANTOU CITY, GUANGDONG CHINA



Manufacturer or Supplier	NEW SUNNY TOYS INDUSTRIAL CO.,LTD
Address:	FENGXIN INDUSTRIAL PARK, FENGXIN 2ND ROAD, CHENGHAI SHANTOU CITY, GUANGDONG CHINA
Product	WIFI CAR
Brand Name	N/A
Model	LT-728
Additional Model & Model Difference	LT-729, LT-730, LT-731 etc; See item 1
Date of tests	Feb. 15 ~ Mar. 18, 2014

☒ FCC Part 2 (Section 2.1091)

☒ FCC OET Bulletin 65, Supplement C (01-01)

☒ IEEE C95.1

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Venless Long Project Engineer / EMC Department	Approved by Glyn He Supervisor / EMC Department
	 Date: Mar. 18, 2014

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS140214N007	Original release	Mar. 18, 2014



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1. CERTIFICATION

PRODUCT: WIFI CAR

BRAND NAME: N/A

MODEL NO.:

LT-728, LT-729, LT-730, LT-731, LT-732, LT-733, LT-734,
LT-735, LT-736, LT-737, LT-738, LT-739, LT-740, LT-741,
LT-742, LT-743, LT-744, LT-745, LT-746, LT-747, LT-748,
LT-749, LT-750, LT-751, LT-752, LT-753, LT-754, LT-755,
LT-756, LT-757, LT-758, LT-759, LT-760, LT-761, LT-762,
LT-763, LT-764, LT-765, LT-766, LT-767

TEST SAMPLE: Engineering Sample

APPLICANT: NEW SUNNY TOYS INDUSTRIAL CO.,LTD

TESTED DATE: Mar. 18, 2014

STANDARDS: FCC Part 2 (Section 2.1091)

FCC OET Bulletin 65, Supplement C (01-01)

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	3.0	Integral dipole 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)
2412-2462	159.22	3.0	20	0.0632	1.00

Conclusion

Therefore device complies with FCC's RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)

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