RF EXPOSURE REPORT

REPORT NO.: SA120823C19

MODEL NO.: GTR-129X (X= A~Z or blank)

GTR-128X (X= A~Z or blank)

FCC ID: RID-GTR129

RECEIVED: Aug. 23, 2012

TESTED: Oct. 18 ~ Oct. 25, 2012

ISSUED: Nov. 09, 2012

APPLICANT: GlobalSat WorldCom Corporation

ADDRESS: 16F., No.186, Jian 1st Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)

ISSUED BY: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C)

TEST LOCATION: No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA120823C19	Original release	Nov. 09, 2012

1. CERTIFICATION

PRODUCT: Motorcycle/ Vehicle Tracker

MODEL NO.: GTR-129X, GTR-128X (X= A~Z or blank)

BRAND: GlobalSat

APPLICANT: GlobalSat WorldCom Corporation

TEST SAMPLE: ENGINEERING SAMPLE

TESTED: Oct. 18 ~ Oct. 25, 2012

STANDARDS: **FCC Part 2 (Section 2.1091)**
FCC OET Bulletin 65, Supplement C (01-01)
IEEE C95.1

The above equipment (Model: GTR-129) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Pettie Chen / Senior Specialist , **DATE :** Nov. 09, 2012

APPROVED BY : Ken Liu / Manager , **DATE :** Nov. 09, 2012

2. RF EXPOSURE

2.1 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

2.2 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

2.3 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**.

2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	ERP (dBm)	EIRP (dBm)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
GPRS: 824.2MHz ~ 848.8MHz	31.23	33.38	20	0.433	0.549

FREQUENCY BAND (MHz)	EIRP (dBm)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
GPRS: 1850.2MHz ~ 1909.8MHz	32.21	20	0.331	1