

FCC TEST REPORT

REPORT NO.: RF131121C21

MODEL NO.: U3

FCC ID: RLS-STAVL1321

RECEIVED: Nov. 21, 2013

ISSUED: Dec. 05, 2013

APPLICANT: SYSTEMS & TECHNOLOGY CORP.

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

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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
RF131121C21	Original release	Dec. 05, 2013



A D T

1 CERTIFICATION

PRODUCT: GPS Vehicle Tracking Device

MODEL: U3

BRAND: CAREU

APPLICANT: SYSTEMS & TECHNOLOGY CORP.

TEST SAMPLE: Production Unit

STANDARDS: FCC Part 22, Subpart H

FCC Part 24, Subpart E

FCC Part 27, Subpart C, L

FCC Part 2

ANSI C63.4-2003

The above equipment (model: U3) 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 : Gina Liu , **DATE** : Dec. 05, 2013

Gina Liu / Specialist

APPROVED BY : Sam chen , **DATE** : Dec. 05, 2013

Sam Chen / Assistant Manager



2 RADIATED POWER EIRP / ERP CALCULATION

Pursuant to FCC KDB 412172 D01 Determining ERP and EIRP v01, the ERP and EIRP can be determined from the results of the power measurement of the module, which is integrated into the host.

Based on the maximum conducted power measurement results and the antenna gain in the host under this C2PC filing, ERP / EIRP are determined as below.

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	Ant Gain (dBd)	ERP (dBm)	ERP (W)	Part 22.913 Requirement	Result
GSM 850	31.22	-3	-5.15	26.07	0.41	ERP<7W	Pass
WCDMA V	22.20	-3	-5.15	17.05	0.05		Pass

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP (W)	Part 24.232 Requirement	Result
GSM 1900	28.27	-3	25.27	0.34	EIRP<2W	Pass
WCDMA II	21.41	-3	18.41	0.07		Pass

Mode	MAX Output Power (dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP (W)	Part 27.50 Requirement	Result
WCDMA IV	22.39	-3	19.39	0.09	EIRP<1W	Pass