

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Report No: CCIS13070022505

TEST REPORT

Applicant: Shenzhen Concox Information Technology Co., Ltd

Address of Applicant: Floor 4th, Building B, Gaoxinqi Industrial Park, Liuxian 1st

Road, District 67, Bao'an, Shenzhen, Guangdong

Equipment Under Test (EUT)

Product Name: GPS Vehicle tracker

Model No.: TR02,TR02N,TR02A,GT02A,GT02B,GT02D

Applicable standards: EN 50385 :2002

Date of sample receipt: 18 Jul., 2013

Date of Test: 19 Jul., to 22 Jul., 2013

Date of report issue: 23 Jul., 2013

Test Result: PASS *

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The protection requirements with respect to electromagnetic compatibility contained in Directive 1999/5/EC are considered.





Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days

^{*} In the configuration tested, the EUT complied with the standards specified above.



2 Version

Version No. Date		Description		
00	23 Jul., 2013	Original		

Prepared By:

Report Clerk

Date: 23 Jul., 2013

Check By: Date: 23 Jul., 2013

Project Engineer

Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366



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4 General Information

4.1 Client Information

Applicant:	Shenzhen Concox Information Technology Co., Ltd	
Address of Applicant:	Floor 4th, Building B, Gaoxinqi Industrial Park, Liuxian 1st Road, District 67, Bao'an, Shenzhen, Guangdong	
Manufacturer:	Shenzhen Concox Information Technology Co., Ltd	
Address of Manufacturer:	Floor 4th, Building B, Gaoxinqi Industrial Park, Liuxian 1st Road, District 67, Bao'an, Shenzhen, Guangdong	

4.2 General Description of E.U.T.

Product Name:	ne: GPS Vehicle tracke		
Model No.:	TR02,TR02N	I,TR02A,GT02A,GT02B,GT02D	
Power supply:	DC 12V		
Operating Temperature:	-25°C to +55°C up to 95%		
Operating Humidity:			
Operating frequency:	E-GSM900	TX: 880915MHz	
		Rx: 925960 MHz	
	DCS1800	TX: 17101785 MHz	
		RX: 18051880 MHz	
GPRS class:	12		
Modulation:	GMSK Integral -1 dBi : GT02B_MB_V2.2		
Antenna Type			
Antenna gain:			
Hardware Version:			
Software Version:	MT6252_S01.TR02B_21_8MM_CTA		
Remark:	The Model: TR02,TR02N,TR02A,GT02A,GT02B,GT02D were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being different model number.		

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4.3 Operating Modes

Operating mode	Detail description	
Transmitting mode	Keep the EUT in maximum output power.	

4.4 Description of Support Units

The EUT has been tested as an independent unit.

4.5 Deviation from Standards

None

4.6 Abnormalities from Standard Conditions

None

4.7 Other Information Requested by the Customer

None

4.8 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in out files. Registration 817957, February 27, 2012.

● IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

4.9 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No.B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China

Tel: 0755-23118282 Fax: 0755-23116366

Shenzhen Zhongjian Nanfang Testing Co., Ltd. No.B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China

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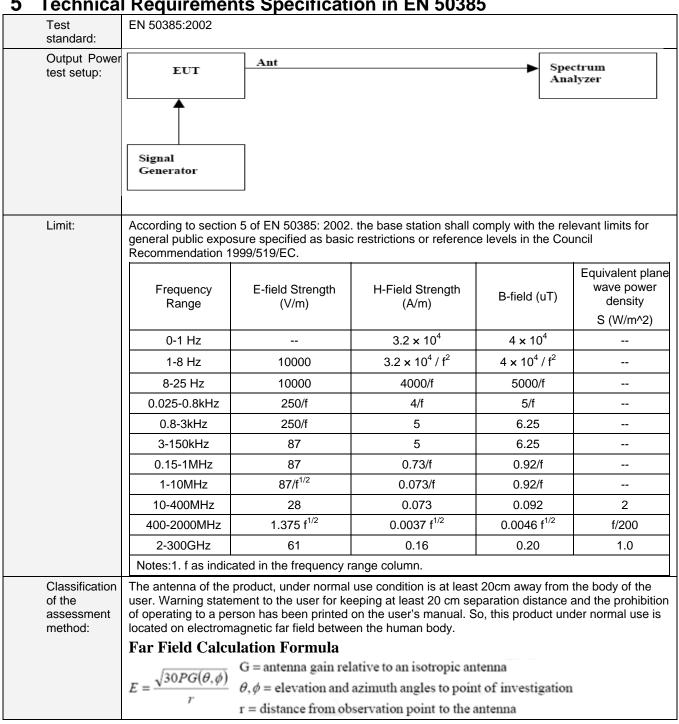
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5 Technical Requirements Specification in EN 50385



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Evaluation Data

Direction	Maximum Output power (dBm)	Maximum Output power (mW)	Antenna Gain (dBi)	Antenna Gain (numeric)	E-Field Strength (V/m)	E-Field Strength Limit (V/m)	Result
	GSM 900						
Low	31.36	1367.73	-1	0.79	28.55	40.79	Pass
Middle	31.20	1318.26	-1	0.79	28.02	41.30	Pass
High	31.08	1282.33	-1	0.79	27.64	41.59	Pass
	DCS 1800						
Low	29.54	899.50	-1	0.79	23.15	56.86	Pass
Middle	29.83	961.61	-1	0.79	23.93	57.48	Pass
High	30.08	1018.59	-1	0.79	24.63	58.09	Pass
	GPRS 900						
Low	31.43	1389.95	-1	0.79	28.78	40.79	Pass
Middle	31.24	1330.45	-1	0.79	28.15	41.30	Pass
High	31.10	1288.25	-1	0.79	27.70	41.59	Pass
GPRS 1800							
Low	29.68	928.97	-1	0.79	23.53	56.86	Pass
Middle	29.83	961.61	-1	0.79	23.93	57.48	Pass
High	30.04	1009.25	-1	0.79	24.52	58.09	Pass

-----End of report-----

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