

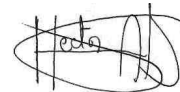
AT4 wireless, S.A.U.
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PTCRB REPORT

REFERENCE STANDARDS:

3GPP TS 51.010-1	TSG GSM/EDGE Radio Access Network Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Conformance specification
PVG.04	Guideline for Spurious Emission Radiated Testing
3GPP TS 34.124	Electromagnetic Compatibility (EMC) requirements for mobile terminals and ancillary equipment.
ETSI TS 102 230	Smart cards; UICC -Terminal interface; physical, electrical and logical test specification.

Code : DMV116_V0
Approved by
 (name / position & signature) : Héctor Rubén Alba Díaz
 Project Manager
 Mobile Communications Laboratory
Elaboration date : 2015-11-24



Identification of item tested..... : Vehicle Tracking equipment
Trademark..... : Pointer
Model and/or type reference : CR300B 3G NA CT7801200-000
Other identification of the product : FCC ID : RI7UE910NA / IC: 5131A-UE910NA
Final HW versión : B
Final SW version : 43
IMEI TAC : 35467605 (SVN=06)
Features..... : FEATURES • Built-in Quad band modem • High-end SiRFstarIV™ chipset based GPS module for advanced performance & accuracy • Event Memory: ~5 K full time stamped events • Built-in Motion Sensor for movement & towing detection • 1-wire interface • Ignition input, 2 programmable GPIOs and 2 outputs • Small size for quick and easy installation • Current in sleep mode: as low as 2mA • IP40 • GPRS / SMS communication types • Roaming management • Online event-driven reporting • Geo-Fence management • Cellocator+™ maintenance server support PREMIUM FEATURES CR300 ENABLES AN OVER THE AIR UPGRADE FOR ADDING PREMIUM FEATURES INCLUDING: • Transparent mode TTL levels • Cell ID • Advanced roaming: • Up to 100 roaming operators list • Roam/Home adaptive message rate • Up to 100 Geofences • 2 Usage counters • Privacy mode • Analog input • In cabin speed alert • Curve smoothing • Offline tracking • Immobilizing: Gradual output activation • 1-wire input (Driver-ID/Trailer ID)

Official Observer of



PTCRB accredited Test Lab



CTIA Authorized Test Lab



Description..... :	SMART ENTRY LEVEL DEVICE FOR FLEET MANAGEMENT & SVR Fleet Management SVR Insurance & Leasing Basic Track & Trace CR300 is a compact size entry-level device for Fleet Management and Vehicle Security Applications. This device is available in two versions: CR300 and CR300B. It targets large fleets, insurance and leasing companies. The CR300 is competitively priced for large-scale deployments, its premium features can be added and enabled over the air utilizing Cellocator + web-based maintenance server with feature programmable I/O. The CR300B includes all the features of the CR300. In addition, it comes equipped with a rechargeable battery and GSM jamming detection algorithms for improved compliance with vehicle security applications, and supports average hibernation. The CR300 family is compatible with a variety of accessories; which enable applications such as fuel monitoring, temperature monitoring and more
Applicant	Pointer Telocation Inc
Address	7715 NW 48th Street, Suite 395, Doral, FL 33166
CIF/NIF/Passport..... :	N/A
Contact person	Jay Pico
Telephone / Fax	+1 (305) 903-6634
e-mail:	Jayp@pointer.com
Test samples supplier	Same as applicant
Manufacturer	Same as applicant
Test method requested	Selected test cases according to applicant declaration.
Certification Criteria	Leading document for testing on PTCRB Bands: North America Permanent Reference Document NAPRD.03 v5.21
Standard	3GPP TS 51.010-1 v12.3.0 PVG.04 v1.3.2 3GPP TS 34.124 v11.0.0 ETSI TS 102 230 v10.1.1
Additional Reference Documents	NA
Non-standardized test method	NA
Report template No. :	FMV025_06
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1. TEST RESULTS SUMMARY

Testing Period:

The performed test started on 2015-11-03 and finished on 2015-11-05

Summary:

Considering the results of the performed test according to standards declared in the front page of this report, the item/s under test is/are **IN COMPLIANCE** with the Test Method Requested.

Tests performed have been selected based on PTCRB rules on the elaboration of test plans for integrated products and information provided by the manufacturer. The details of the PTCRB-certified module integrated are as follows:

Manufacturer: Telit Wireless Solutions
Model: UE910-NAD
PTCRB Module request #: 44705

Following is the comprehensive list of test cases performed, showing the PTCRB associate or accredited laboratory where each of them was performed. The details of each test case can be found in the enclosed test reports.

Test Specification	Test Case	Condition	Band	Result	PTCRB Accredited Test Laboratory	Test Report	Notes
ETSI TS 102 230	5.1.1	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.1.2.2	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.1.3.2	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.1.5.3	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.1.5.4	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.1.5.6.2	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.2.2.3	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.2.2.4	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.2.3.2	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.2.4.2	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
ETSI TS 102 230	5.2.5.3	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	
3GPP TS 34.124	8.2	Normal	FDD-II	P	AT4 wireless S.A.	47066REM.001	
3GPP TS 34.124	8.2	Normal	FDD-V	P	AT4 wireless S.A.	47066REM.001	
3GPP TS 51.010-1	27.17.1.1	Normal	NI	P	AT4 wireless S.A.	47066RMV.001	