



BUREAU
VERITAS

Test Report No.: FS130301N006

RF EXPOSURE REPORT



Applicant	PLANET Technology Corporation
Address:	10F., No.96, Minguan Rd., Xindian Dist., New Taipei City, Taiwan, R.O.C.

Manufacturer or Supplier	PLANET Technology Corporation
Address	10F., No.96, Minguan Rd., Xindian Dist., New Taipei City, Taiwan, R.O.C.
Product	802.11a/n Wireless Outdoor AP
Brand Name	Planet
Model	WNAP-7206
Additional Model & Model Difference	N/A
Date of tests:	Nov. 06, 2012 ~ Nov. 15, 2012

the tests have been carried out according to the requirements of the following standards:

- 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

Prepared by Kent Liu Project Engineer / EMC Department	Approved by Sam Tung Manager / EMC Department
	 Date: Mar. 14, 2013

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS120625N003	Original release	Nov. 26, 2012
FS130301N006	Based on the original report change applicant, manufacturer, brand name, product name, model name, FCC ID and adapter.	Mar. 14, 2013

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1. CERTIFICATION

PRODUCT: 802.11a/n Wireless Outdoor AP

MODEL NO.: WNAP-7206

APPLICANT: PLANET Technology Corporation

TESTED: Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

TEST SAMPLE: ENGINEERING SAMPLE

STANDARDS: FCC Part 2 (Section 2.1091)

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

IEEE C95.1

Note: The product with the new model "WNAP-7206" shown in this report is identical with the original test model, with only difference being silk-screen on the shell.

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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

$$Pd = (Pout * G) / (4 * pi * r^2)$$

where

Pd = power density in mW/cm²

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

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. 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)
802.11a CH 157	40.738	15	20	0.20357	1.00
802.11n 20MHz CH 165	35.645	15	20	0.22425	1.00
802.11n 40MHz CH 151	31.333	15	20	0.19712	1.00