OET Bulletin 65 (MPE)
Test Report

Report No.: AGC01211011SZ08F7

FCC ID	:	YHGV-ME900
PRODUCT DESIGNATION	:	Mini PCI Express EVDO Rev.A Card
BRAND NAME	:	Olive
TEST MODEL	:	V-ME900
CLIENT	:	OLIVE TELECOM(HK)LIMITED
DATE OF ISSUE	:	Nov.29, 2010
STANDARD(S)	:	OET Bulletin 65

Attestation of ***G***lobal ***C***ompliance Co., Ltd.

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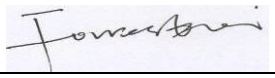
1. TEST RESULT CERTIFICATION

Applicant Name:	OLIVE TELECOM(HK)LIMITED
Address:	UNIT 3201 A 32/F CITY CORP CENTER 18 WHITFIELD ROAD
Manufacturer Name:	Q-Innovations Private Limited
Address:	862,Udyog Vihar,Phase V,Gurgaon,India-122016
Brand Name:	Olive
Equipment Under Test:	Mini PCI Express EVDO Rev. A Card
Model Number:	V-ME900
Test Standard	OET Bulletin 65 (Edition 97-01) Supplement C (Edition 01-01)
File Number:	AGC01211011SZ08F7
Date of Test:	Nov.29, 2010

We (AGC), Attestation of Global Compliance Co., Ltd. for compliance with the requirements set forth in the European Standard OET Bulletin 65 (Edition 97-01) Supplement C (Edition 01-01) The results of testing in this report apply to the product/system which was tested only. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Checked By: 

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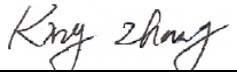
Authorized By 

King Zhang Nov.29, 2010

2. TECHNICAL INFORMATION

Note: the following data is based on the information by the applicant.

2.1 EUT DESCRIPTION

Operation Frequency	824~894MHZ,1850~1990MHZ
Rated Output Power	24.85dBm
Modulation	BPSK/QPSK/8PSK
Type of Emission	1M28F9W
Antenna Designation	Integrated Antenna
Maximum Antenna Gain	Cellular Band 0.8dBi
	PCS Band 1.12dBi
Power Supply	DC5V by USB
Hardware Version	ME900.SP.01
Software Version	OLME900DT01

Note:

1. For more details, please refer to the User's manual of the EUT.

3. RF EXPOSURE MEASUREMENT

3.1 INTRODUCTION

Human exposure to RF emissions from mobile devices (47 CFR §2.1091) may be evaluated based on the MPE limits adopted by the FCC for electric and magnetic field strength and/or power density, as appropriate, since exposures are assumed to occur at distances of 2.5 cm or more from persons.

The 1992 ANSI/IEEE standard (See Listed limit table) specifies a minimum separation distance of 1cm for performing reliable field measurements to determine adherence to MPE limits.

If the minimum separation distance between a transmitter and nearby persons is more than 2.5 cm under normal operating conditions, compliance with MPE limits may be determined at such distance from the transmitter. When applicable, operation instructions and prominent warning labels may be used to alert the exposed persons to maintain a specified distance from the transmitter or to limit their exposure durations and usage conditions to ensure compliance.

3.2 FCC LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE(MPE)

LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm^2)	Averaging Time $\|E\|^2$, $\|H\|^2$ or S (Minutes)
0.3 -- 1.34	614	1.63	(100)*	30
1.34 -- 30	824/f	2.19/f	$(180/f^2)$*	30
30 -- 300	27.5	0.073	0.2	30
300 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

*Note:

1. f=Frequency in MHz * Plane-wave Equivalent Power Density
2. The averaging time for General Population/Uncontrolled exposure to fixed transmitters is not applicable for mobile and portable transmitters. See 47 CFR §§2.1091 and 2.1093 on source-based time-averaging requirements for mobile and portable transmitters.

4. CLASSIFICATION OF THE ASSESSMENT METHODS

The antenna of the product, under normal use condition is at least 0.2m away from the body of the user. Warning statement to the user for keeping at least 20cm separation distance and the prohibition of operating to a person has been printed on the user'smanual. So, this product under normal use is located on electromagnetic far field betweenthe human body.

$S=PG/4\pi R^2$

Where:
S=power density
P=power input to antenna
G=power gain of the antenna in the direction of interest relative to an isotropic radiator R=distance to the center of radiation of the antenna

MPE Calculated Values for Mini PCI Express EVDO Rev. A Card

5. EUT OPERATION CONDITION

Make the EUT to transmit at lowest, middle and highest channel individually.

6. TEST RESULTS

Cellular Band Antenna Gain=0.8dBi (numeric 1.20), Π=3.1416

Channel	Frequency	Output Power	Output Power	Power Density	Power Density Limit	Result
	MHz	dBm	mW	mW/cm2	mW/cm2	Pass/Fail
CH 1013	824.7	24.84	304.7	0.073	0.54	Pass
CH 334	835.02	24.56	285.7	0.068	0.55	Pass
CH 771	848.31	24.85	305.4	0.073	0.56	Pass

PCS Band Antenna Gain=1.12dBi (numeric 1.294), Π=3.1416

Channel	Frequency	Output Power	Output Power	Power Density	Power Density Limit	Result
	MHz	dBm	mW	mW/cm2	mW/cm2	Pass/Fail
CH 25	1851.25	23.98	250.03	0.064	1	Pass
CH 600	1880	23.78	238.78	0.061	1	Pass
CH 1177	1908.75	23.95	248.31	0.064	1	Pass