



# A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)  
Tel : +886-3-2710188 / Fax : +886-3-2710190

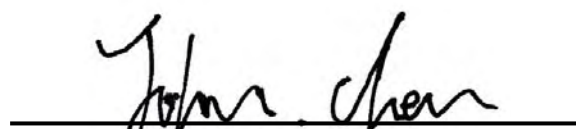
## Part 15 C Measurement Report



Report No.	: 0707FR12
Applicant	: Welltech Computer CO., LTD.
Trade Mark	: WELLTECH
Product Model	: WG-3512 (Model No. List see Section 1.1)
Product Type	: Gateway
FCC ID	: VJE-WG3512
Dates of Test	: Jul. 13, 2007
Test Specification	: Part 15 Subpart C (15.247)
Location of Test Lab.	: Chang-an Lab.

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full.

  
**Country Huang** 20070810  
Measurement Center Manager

  
**John Cheng** 20070810  
Testing Engineer



## Maximum Permissible Exposure

**Applicant :**

**Welltech Computer CO., LTD.**  
**13F-4, No.150, jian-Yi Road, Chung-HO City 235, Taipei 106, Taiwan, R.O.C.**

**Manufacturer** : Welltech Computer CO., LTD.  
**Manufacturer Address** : 13F-4, No.150, jian-Yi Road, Chung-HO City 235, Taipei 106, Taiwan, R.O.C.  
**Product Type** : Gateway  
**Trade Name** : WELLTECH  
**Model Name** : WG-3512 (Series No. H07WR0033) / WellGate 3512 / WellGate 3512N / WG-3512N / WellGate 3511N / WG-3511N / WellGate 3501N / WG-3501N / RG-02 / Wi-Fi VoIP Gateway  
**FCC ID** : VJE-WG3512

### Basis of Calculations:

$$E^2/3770 = S, \text{ mW/cm}^2$$

$$E, \text{ V/m} = (P_{\text{watts}} * G_{\text{gain}} * 30)^{0.5} / d, \text{ meters}$$

$$d = ((P_{\text{watts}} * G_{\text{gain}} * 30) / (3770 * S))^{0.5} \quad P_{\text{watts}} * G_{\text{gain}} = 10^{(P_{\text{dBm}} - 30 + G_{\text{dBi}}) / 10}$$

### Test Result:

Max RF Power (dBm)	TX Antenna Gain (dBi)	Testing Result (mW/cm <sup>2</sup> )	MPE Limit (mW/cm <sup>2</sup> )
16.90	2.00	0.015442582	1

NOTE: For mobile or fixed location transmitters, minimum separation distance is 20cm, even if calculations indicate MPE distance is less.