

## Chris Harvey

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**From:** 이원정 <leewj@digitalemc.com>  
**Sent:** Tuesday, May 03, 2011 5:20 AM  
**To:** charvey-tcb@ccsemc.com; 'Chris Harvey -TCB'  
**Cc:** 'Harvey Sung'  
**Subject:** RE: WIZNET Co., LTD., //XR2WIZFI210 //AN11T0265  
**Attachments:** RF Test Report-rev.1\_XR2WIZFI210.pdf; User Manual\_rev.1\_XR2WIZFI210.pdf; Ext Photo-rev.1\_XR2WIZFI210.pdf; Operational Description-rev.1\_XR2WIZFI210.pdf

Dear Chris,

Thank you very much for your kindly information.  
I send the revised documents.  
If you have any question, please let me know.

Best regards,  
Will

1. The Antenna Specification indicates the use of a 'left handed SMA', but the PC Board contains a UFLR connector. The photographs do not show how the antenna is connected to the board. Please add photos to the application showing how the antenna connects to this module, including any cables and adaptors.

=> Please refer to external photo.

2. Please confirm that this module contains on-board voltage regulation (the modular letter and the chip Operational Description are not clear).

=> The specification of voltage regulation is attached in operational description.  
Please refer to 57 page.

3. The User's Manual exhibit states that this module uses Radio Protocol 802.11 b/g/n Compatible with DSSS & CCK modulations at 11MB/s), the Operational Description states 802.11 b/g (no n) and the test report only documents 802.11b. Please confirm and update exhibits as needed.

=> This device supports only 802.11b.  
(The 802.11g is removed in user manual and operational description.)

4. The User's Manual states that this device has a Chip Antenna or external antenna. Since this device will not incorporate a chip antenna (Schematic & Parts list show DNI), the manual should be corrected.

=> A dipole antenna is supported. Not Chip antenna.  
The stated chip antenna in user manual is removed.

5. The User's manual contains a photograph on page 22 of 36 of some interface board. The Test Report page 36 of 40 shows the RF connector of this additional board for compliance with the Unique Connector requirements of FCC 15.203.

Please confirm if this additional board is provided with this device and if it was tested (this board is not shown in the EUT Internal/External photos).

=> The PC board is for testing.

Therefore the board was used for testing.

But the board is not included for approval.

6. This approval will be restricted to OEM installation for Mobile RF Exposure conditions and will not be allowed to be marketed directly to end users.

=> Yes, I agree.

-----Original Message-----

From: charvey-tcb@ccsemc.com [mailto:charvey-tcb@ccsemc.com]

Sent: Friday, April 22, 2011 11:00 PM

To: harveysung@digitalemc.com

Cc: charvey@ieee.org

Subject: WIZNET Co., LTD., //XR2WIZFI210 //AN11T0265

Dear Harvey & Will,

You are listed as the Technical Contacts for the above referenced TCB application. The following items need to be resolved before the review can be continued:

1. The Antenna Specification indicates the use of a 'left handed SMA', but the PC Board contains a UFLR connector. The photographs do not show how the antenna is connected to the board. Please add photos to the application showing how the antenna connects to this module, including any cables and adaptors.
2. Please confirm that this module contains on-board voltage regulation (the modular letter and the chip Operational Description are not clear).
3. The User's Manual exhibit states that this module uses Radio Protocol 802.11 b/g/n Compatible with DSSS & CCK modulations at 11MB/s), the Operational Description states 802.11 b/g (no n) and the test report only documents 802.11b. Please confirm and update exhibits as needed.
4. The User's Manual states that this device has a Chip Antenna or external antenna. Since this device will not incorporate a chip antenna (Schematic & Parts list show DNI), the manual should be corrected.
5. The User's manual contains a photograph on page 22 of 36 of some interface board. The Test Report page 36 of 40 shows the RF connector of this additional board for compliance with the Unique Connector requirements of FCC 15.203. Please confirm if this additional board is provided with this device and if it was tested (this board is not shown in the EUT Internal/External photos).
6. This approval will be restricted to OEM installation for Mobile RF Exposure conditions and will not be allowed to be marketed directly to end users.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application

dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender. Revised documentation should not be emailed, but instead should be submitted through "Add Attachment" function at the UL-CCS website. Please have your Assessment Number and FCC ID/IC Certification number handy. You may use the following link: <https://cert.ccsemc.com/filing/>

Best regards,

Chris Harvey  
[Charvey-tcb@ccsemc.com](mailto:Charvey-tcb@ccsemc.com)