From: jimmy.zhang [jimmy.zhang@szhtw.com.cn]
Sent: Tuesday, November 08, 2005 9:55 AM
To: tei@timcoengr.com
Subject: Response to Yuanwanggu's RFID R/W

Hello Tei,

Sorry for responding you late. The following statement is for responding all the questions.

Response to Question #1:

The user manual has been revised by adding the information of professional installation of external antenna on page 13 of the user manual's section 2.5 connect external antenna.

Response to Question #2:

The information of the cable intended for connecting the RFID R/W and External Antenna for professional installation has been specified on page 13 and page 18 of the revised user manual.

Response to Question #3:

The RFID R/W (EUT) is a fixed station powered by 120V/60Hz AC, it can't be operated mobile. Only one kind of antenna is available for both XCRF-500 and XCRF-600.

Response to Question #4:

The RFID R/W (EUT) can't be used in vehicle environment.

Response to Question #5:

The information of the market way of this product has described on page 36 of the revised user manual.

Response to Question #6:
The XCRF-500 and XCRF-600 is electrically and mechanically the same, the only difference between them is that
XCRF-500 with modulation XCRF-600 without modulation. On page 1 of the user manual has described it.

Response to Question #7:

The revised user manual on page 11 has explained the function of the two RF port.

Response to Question #8:
This statement has been corrected in the revised test report.

Response to Question #9:

The maximum EIRP for this device is 3.443 W, and it's used meters away from public. So it is safe under this condition.

Response to Question #10:
For XCRF-600 the operation frequency is from 902.2 MHz to 927.8 MHz.

Response to Question # 11:

The Dwell Time has been retested and the plots have been added into the revised test report.

Response to Question #12:
From the RFID R/W's working procedure and it's application we can know that the EUT emits out one radio frequency(one channel), then the energy of the radio frequency shall active the tag then the EUT shall receive the reflected radio frequency. So it complied.

Response to Question #13:

For XCRF-500, the carrier is modulated and for XCRF-600, the carrier is not modulated at first, after the tag has been activated, it shall be modulated.

Response to Question # 14:
The limits has been specified in the revised test report.

Response to Question #15:
Test plots have been added into the revised test report.

Response to Question #16:
Comply with 15.247(g) judged by that the EUT was designed to hop from one channel to another at each hoping or transmitting, only one hopping channel is occupied.
Comply with15.247(h) judged by that the EUT was designed to jump over the hopping channel once the channel has been occupied at the same time.

Best regards!

Jimmy Zhang