Non-Conformities FCC ID: WWQCCMS002 (CKC CS Ref # E10-000007-FCC-01)

The items listed below represent requests for information following review of this application for certification under United States (FCC) regulations. Further question may arise pending review of responses to these items.

OK	ID	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
√	C	1	Please submit external photos of all sides of the EUT. **OK-CKendall 1/25/09**	Additional photos uploaded 01/25/2010.	K. Whipkey, 1/22/2010.
√	C	2	Please provide the RFID Tag return frequency (ies). **OK-CKendall 1/25/09**	J. Gibala of Clearcount has responded that the tag reflects the 13.56Mhz that is generated by the reader, which is 13.56Mhz but the Tag does not generate the 13.56Mhz.	K. Whipkey, 1/22/2010.
√	TL	3	Please explain how you satisfied 15.225(e) requirements. **OK-CKendall 1/25/09**	Please note the reference to the OEM module, FCC ID PJMLRM2000, for compliance to 15.225e on page 3, section 1.5. A copy of that test report has been uploaded 01/25/2010 for your convenience.	K. Whipkey, 1/22/2010.
√	TL	4	Where is the conducted emission data when the transmitter is on and also in the receive mode? **OK-CKendall 1/26/09**	F2 report now has the conducted emissions in it.	K. Whipkey, 1/26/2010.
√	TL	5	Where in this test report is the data when the AC input was varied between 85-115% of nominal AC power and where is the data for the variance in temperature from -20 degrees C to +50 degrees C? Ref: 15.225(e) **OK-CKendall 1/25/09**	Per J. Gibala of Clearcount, see response to Item 3 above.	K. Whipkey, 1/22/2010.
√	C	6	Where is the transmitter schematic? There needs to be a schematic that shows the oscillator, antenna and grounding system. The block diagram shows the following clocks: 8, 13.56, 29.4, and 30 MHz yet the schematics do not display the clocks at all.	Per J. Gibala of Clearcount: The transmitter schematic is a proprietary Feig electronics document. The transmitter used is FCCID PJRLRM2000. The schematics should be available to	K. Whipkey, 1/22/2010.

				the FCC under that ID. A schematic for OEM MCU module that the client purchases has been uploaded as of 01/25/2010.	
√	TL	7	Page 19 of the test report F2LQ3776-02E displays a Band Edge Plot for 13.56 MHz. This is clearly a peak measurement display. Where is the average reading taking from this peak reading since it appears that the peak is over the limit of the in-band frequency mask? This needs to be blown up to adequately display the emissions versa the limits. There are some close by 15.205 restricted bands adjacent to the fundamental frequency. Nowhere in the report is there a table showing the operating frequency, the individual factors that were taken into consideration in arriving at the corrected readings for both the average and peak readings. The only information depicted is the peak plot shown. A measurement must be made of the fundamental frequency and clearly shown in the test report at the required test distance. Please provide more information regarding this and explain how you applied the correction factors to the measurement you took. **OK-CKendall 1/26/09**	New report from F2 uploaded	K. Whipkey, 1/26/2010
√	C	8	Please submit another request for confidentiality with Jeff Wolfgong signature on it **OK-CKendall 1/25/09**	A revised letter has been uploaded 01/25/2010.	K. Whipkey, 1/22/2010
√	C	9	Please provide internal photos (both sides) of all PCBs that make up the EUT. **OK-CKendall 1/25/09**	Additional photos have been uploaded 01/25/2010.	K. Whipkey, 1/22/2010
√	C/TL	10	Please provide an MPE calculation that shows that you comply with 2.1091(c).	15.225 is exempt from RF exposure testing – 2.1091 and 2.1093 do not apply. No MPE calculations are needed if the field strength measurements meet the 15.225 requirements. I lost the fight over this one (NC #10) so delete this one.	Randal Clark 1/21/10 **Chuck Kendall 1/21/10**

X			CKC CS notes: temperature testing provided in a separate test report.		