

## Appendix A

### Non-Conformities for US Radio Equipment Authorization

#### Non-Conformities FCC ID: IYL4061-RF1 (CKC CS Ref # E08-000035-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	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
X	1	Need internal photos for the M5e module (obtainable from ThingMagic).	Provided.	CKC 3/24/08
X	2	The FCC requires the frequency range listing to be the center frequency of the lowest operating channel to the center frequency of the highest operating channel. The application form presently lists 902-928 MHz, please provide updated information for this application.	Updated test report provided.	CKC 3/24/08
X	3	Please provide the RF Tag return frequency.	<p>With the EPC Gen 2 protocol, the tag communicates to the reader by using backscatter modulation where the passive tag switches the reflection coefficient of its antenna between two states in accordance with the data being sent. The tag backscatter uses either ASK and/or PSK modulation. The tag modulates its antenna reflection coefficient with an information signal only after being directed to do so by a reader. Data transfer from the tag to reader occurs in sidebands found on either side of the carrier.</p> <p>Yes the tag return frequency will remain within the 902-928MHz band.</p>	CKC 3/25/08