

Appendix A

Non-Conformities for US Radio Equipment Authorization

Non-Conformities FCC ID: E675JS0102 (CKC CS Ref # E08-000177-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
x	TL	1	For FC08-072 on pages 13-16 for the antenna conducted spurious emissions and on pages 22-24 for the block edge measurements, there is a high power attenuator listed in the test conditions section, however there is neither a listing of this equipment in the equipment used section nor does there appear to be any correction factors taken into account. Please clarify and update report as necessary to demonstrate compliance with the spurious emissions requirements.	Updated test report provided	CKC 11/21/08
X	C	2	The Tune-Up procedure provided is not adequate to meet the requirements of 2.1033(c)(9), "Tune-up procedure over the power range, or at specific operating power levels" is required to be provided. This is not the same thing as the colloquialism of "tune-up" meaning routing maintenance. Please provide a detailed procedure of how to set the equipment's power output (to how to "tune" the output power). If no such procedure exists, please provide a statement indicating as such.	There is no tune up procedure for these products, the production setup is already set the equipment to perform and meet the predetermined frequencies before they are shipped to the customers. The customer does not require performing the tune up the equipment before operation.	Powerwave 11/19/08
X	FCC	3	KDB Inquiry 290278 opened regarding internal photo confidentiality. We have a client requesting internal photos confidentiality. The equipment is a base station cellular amplifier. This equipment would normally be locked in a vault or chamber behind a fenced restricted-access area. As noted in the confidentiality letter, the applicants customers sign non-disclosure agreements and the equipment is serviced only by licensed technicians. Please let us know if this request is acceptable.	Your revised letter No. 2 stating that the device is definitely not accessible to the general public in its deployment location is acceptable. You may proceed with your request for confidentiality.	FCC 11/13/08
X	C	4	Please confirm whether this device is intended for single channel operation only, or can be operated in multi-carrier (multiple	This product is intended for single channel operation, however the	Powerwave 11/19/08

			simultaneous channels through the same amplifier)?	single channel can be anywhere in the authorized band.	
X	N/A	5	CKC CS Comments: The equipment does not transmit off-air signals in uplink. The input to the equipment is RF and therefore this equipment was categorized as an amplifier (Equipment class AMP).	NA	
X	TL	6	For the block edge measurements on page 22-24, please explain why the center frequency is set 1 MHz inside the band for the high and low channels. Stated bluntly: is the equipment non-compliant when the center frequencies are set to the highest and lowest operating channels used with this modulation (typically a center frequency of one channel bandwidth removed from the upper or lower block edge).	Device is compliant when channels are set to 1 MHz inside the band. Requested frequency range for certification is 852 – 868 MHz.	Powerwave 11/19/08

The items indicated above must be submitted before processing can continue on the referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106.

How to read the table:

OK column indicates closure by CKC CS.

ID column is for use with Agents to assist in identifying the probable source for closure.

A – Application issue

TL – Test lab issue

C – Client issue

R – Retesting may be necessary

column indicates unique or separate non-conformity items (note some items may be related).

Non-Conformity or Comment column indicates the evaluators specific question or comment.

Submitted response column indicates the response or a summary of the response provided.

Respondent / Date of Response column indicates the responding party or agent and the date of the response was either received or logged.