

## Appendix A

### Non-Conformities for US Radio Equipment Authorization

#### Non-Conformities FCC ID: E675JS0105 (CKC CS Ref # E08-000172-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	C	1	In accordance with FCC 2.1033 (c ) (8) 8) The dc voltages applied to and dc currents into the several elements of the final radio frequency amplifying device for normal operation over the power range must be included in the report. However this information is missing from this application. Please provide the DC voltage and DC current into the final radio frequency amplifying device for normal operation of the power range.	2/15/09Page 2-1 of user manual	
x	C	2	The provided FCC ID label “ Regulatory Label D900-21952-001B .pdf” included a statement indicating a maximum output power of 145 Watt, instead of the 115watt as tested. Please provide a revised FCC ID label with the measured output power level for this application.	2/15/09	
x	TL	3	On page 29 of the test report, the test condition states that the output of each amplifier is adjusted to rated output power of 110Watts, which does not match 115 watts of total power as listed on the application. Please clarify whether the statement in concern is a mistake.	2/15/09 New test report listed 145 Wat.	
x	TL	4	The emission limit for intermodulation is attenuation of $-43+10\text{LogP}$ , however the provided intermodulation plot showed compliance to emission limit of 94 dBuV. Please provide calculation demonstrating how was the limit lime of 94dBuV derived from $-43 +10\text{LogP}$	2/15/09	
x	TL	5	As required by the FCC in the "Amplifier, booster, repeater reminder sheet," please provide test data demonstrating out of band rejection performance.	2/15/09	
x	TL	6	The banded plot was recorded with RBW of 100kHz. IAW 24.238,	2/15/09	

			“compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater”. Please provide bandedge plot measured with the appropriate RBW. Alternatively a statement clarify a bandwidth correction factor was applied for measurement performed at RBW of 100 kHz is accepted.		
x	TL	7	Emission limit requirement IAW 24.238 is “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB” Conducted spurious emission page 22, 24 and 26 of the test report indicated the limit used is 94 dBuV. Please demonstrate how the limit of 94 dBuV was derived and relates to the 24.238 requirement.	2/15/09	
x	TL	8	Emission limit requirement IAW 24.238 is “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB” Radiated spurious emission page 30 of the test report indicated the emission limit used is 82.2 dBuV. Please demonstrate how the limit of 82.2 dBuV was derived and relates to the 24.238 requirement.	2/15/09	
x	c	9	The confidentiality letter provided includes a request for confidentiality for internal photographs . Traditionally, applicant holds internal photos permanently confidential. This item is to inform the applicant that the FCCs policy has changed regarding internal photo confidentiality; permanent confidentiality of internal photos must be reviewed by the FCC for acceptance.  In this case, CKC CS feels that there is a strong case should the applicant wish to pursue permanent confidentiality of the internal photos exhibit. Typical response times from the FCC are 2-4 days on such matters. Please provide a revised confidentiality letter unless the applicant so chooses.	2/21/09 revised confidentiality letter removed the internal photograph request.	
x	C	10	A tune up procedure is missing from the exhibit, please supply a tune up procedure.	2/21/09. Tune up procedure provided, moved from TCB server’s temp folder to TCB server’s tune up procedure folder.	


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.