

Appendix A

Non-Conformities for US Radio Equipment Authorization

Non-Conformities FCC ID: V9S929TX-US (CKC CS Ref # E08-000153-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	The Confidentiality Letter references exact exhibits by name. I cannot seem to find these exact exhibits in the exhibits provided by the customer. Also the Exhibit names that are listed have dashes and slashes in them which when uploading to the FCC, the FCC website will not allow these characters. Therefore I would not be able to carry forth the actual names of the exhibits which could cause a breach in confidentiality. Please provide a more generic Confidentiality letter.	9/30/08 Confidential letter	Revised letter uploaded by K. Whimkey. 091808
x	C	2	On the Confidentiality Letter Internal Photos are being held confidential without a viable reason. It is very hard to receive permission to hold Internal Photos Confidential with the FCC. Please provide a reason for them to be held confidential so that we can prove your case to the FCC.	9/30/08: New letter of confidentiality, removed confidentiality request for internal photograph.	K. Whimkey 091808
x	C	3	The Operational Description could not be downloaded from the CKC CS Site. It may be due to the degree symbol in the filename or it could have been corrupted. Please provide the Operational Description Via a different method or change the filename and re-upload the exhibit.	New Operational Description was uploaded to the CKC CS site from the Agent that was able to be downloaded. This has been placed in the Operational Description exhibit folder for this application.	Response Written by Jessina Hunter Exhibit Provided by Karen Whipkey – F-Squared Laboratories 9/18/08
x	C	4	There is not an anti-drug letter or an authorization letter on file for either company SEEG or F-Squared Labs.	9/30/08: provided	
x	C	5	The schematic "Circuit diagram TX 2" shows a 32.76kHz oscillator, which is not identified in the block diagram. Please provide a revised block diagram showing the frequency of all oscillator in the device. In addition, the path of transmit	Our client is in the process of preparing the necessary documentation.	10/3/08

			frequency and applicable VCO frequency shall be indicated at the applicable block.	10/9/08 updated block diag showing 32.76kHz crystal.	
x	TL	6	Internal Photos for CS5-25 and CS60-340 showed a copper tape was adhered to the bottom of the PCB. Please provide photographs of the bottom side of the PCB, with the copper tape removed.	9/30/08. Revised internal photograph with shield removed.	
x	TL	7	Page 5 of the test report F2LQ2956-02E and F2LQ2956-03E: the calibration due date is listed as Oct 03, 2007, which is overdue on test date of May 29, 2008. Please confirm this is not a typo.	9/30/08. Revised cal due.	
x	TL	8	The test report did not indicate compliance to 15.31(e) requirement. Please provide worst case power output at 85% to 115% of the rated supply voltage. Alternatively if the device is to transmit in battery mode only, please clarify whether a new or fully charged battery was used at the time of testing.	9/30/08 Revised test report, page 6 meeting 15.31(e) requirement.	
X	TL	9	Page 6 of the test report F2LQ2956-02E and F2LQ2956-03E indicated the frequency of measurement was up to 10GHz. However, the block diagram indicates that the on chip VCO of the RF chip 1070 operates in the frequency range of 1.608 GHz and 1.880 GHz. Please provide a revised test report with frequency range of measurement meeting 15.33 requirement and list all test equipment used accordingly.	9/30/08 Revised test report, page 6 with frequency range up to 20 GHz.	
X	TL	10	Page 13,14,15,16 of the test reports: Note 1 claims that above 1 GHz the detector function was set to linear average. However, both peak and average data must be supplied to show compliance to 15.35(b), please revised test report showing both peak and average data	9/30/08 Revised test report, reported peak measurement.	
X	C	11	Please provide an updated users manual incorporating the statement required by 15.21	9/30/08, Page 2, line 8	
x	C	12	Please provide an updated label with labeling requirements in accordance with 15.19	9/30/08, Page 2, line 9	
x	TL	13	Page 7 of the test report F2LQ2956-02E listed two units of equipment under test, please verify whether this is in error.	9/30/08: Revised test report.	
X	C	14	The provided letter of confidentiality is not dated and the person signing the letter is not clearly indicated. Please provide a dated letter of confidentiality, including the name of the person signing the letter.	9/30/08, Revised.	
x	TL	15	Page 6 of the revised test report F2LQ2956-02E Rev. 1 and F2LQ2956-03E Rev. 1 indicates the frequency range of measurement was up to 20GHz, however the equipment list on	Revised test reports have been uploaded	10/3/08

			page 5 only listed a horn antenna , MN 3115 which normally is only capable of measuring in the frequency rage 1 – 18 GHz. Pleas provide a revised equipment list inclusive of a Horn antenna capable of measuring in the frequency range 18 – 20 GHz.	10/7/08 AH 572 18-26.5 GHz horn antenna added to equipment list	
			CKC Certification Services Note: The Confidentiality Letter identifies a document named, “Measurement Principle,” which is of the exhibit type block diagram. Therefore the block diagram has been held confidential.		

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.

---CKC CS SECTION--- ---Information below this line is for CKC CS Evaluators only---

CKCCS Note: Additions to non-conformities may be listed in a separate table for convenience. When separated, the non-conformity reference serial number (NN) is incremented using in the following format reference # E08-000153-FCC-NN.