

Non-Conformities FCC ID: T68-F233 (CKC CS Ref # E09-000147-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	<p>The person signing the confidentiality letter is James Cavoretto, however the contact person listed on the FCC website is Thomas Smith.</p> <p>In accordance with FCC Policy (KDB 852134), please provide all cover letters signed by the authorized individual named in the applicant's grantee code information or by an authorized designee. In the latter case, please also provide letters of authorization signed by the authorized individual designating the alternate(s). In all cases, a paper trail must be demonstrated leading back to the person named under the grantee code.</p>	Provided Updated Confidentiality Letters.	Thomas Smith 11/18/09
X	C	2	<p>The provided block diagram does not meet the 2.1033(b)(5) requirement, please provide a revised block diagram showing the frequency of all oscillators in the device? The tuning range(s) and intermediate frequency(ies) shall be indicated at each block. (The Schematic is not a substitute for the Block Diagram.)</p>	Provided Updated Block Diagram.	Thomas Smith 11/18/09
X	C	3	<p>The schematic diagram for the display section rdx-3001_rev003_schem. pdf is labeled as "Base". Please provide a schematic diagram for the display.</p>	The attached schematic shows both the Base and the remote.	Thomas Smith 11/18/09
X	TL	4	<p>The provided internal photographs do not show the bottom side of the PCB.</p> <p>Please provide internal photographs showing both side of the PCB.</p>	Pictures retaken from the original EUT. On 11/18/09	Armando del angel / 11/18/09
X	TL	5	<p>Please provide legible external photograph showing all six sides of the display and all six sides of the base unit.</p>	Pictures retaken from the original EUT. On 11/18/09	Armando del angel / 11/18/09
X	TL	6	<p>In the test condition, it is not clear whether the RF Output power, Peak Power Spectral Density, bandedge compliance and radiated emission were maximized in three orthogonal orientation of the EUT.</p> <p>Please clarify.</p>	Being a handheld device, three orthogonal orientations were investigated. Only the values from the worst orientation were submitted.	Armando del angel / 11/18/09
X	TL	7	<p>The frequency range of measurement is listed as 30 MHz- 24.8GHz on Page 15 of test report FC09-147 and page 14 of test report FC09-149.However the schematic diagrams</p>	Test performed on the	Armando del angel /

			<p>shows the lowest clock crystal of 16MHz.</p> <p>Please provided revised test report complying with frequency range of measurement as specified in FCC15.33</p>	<p>original device on 11/17/09 from 9kHz to 30MHz to cover the whole spectrum.</p> <p>Report Addendum: Please add the corresponding attached data sheets to the FCC 15.247(d) Radiated Spurious emissions sections of both reports (FC09-147 and FC09-149).</p> <p>Report Addendums for FC09-147 & FC09-148 have been Provided.</p>	<p>11/18/09</p> <p>Armando del angel / 11/19/09</p> <p>CKC Labs Report Department. 11/23/09</p>
X	C	8	<p>Page 2 of the user manual states that the device complies with FCC15.249, however the certification sought and test method performed is 15.247.</p> <p>In addition, rule part 15.207 is not applicable to battery operated devices.</p> <p>Please provide a revised user manual with applicable FCC rule part. .</p>	<p>Updated Users Manual Provided.</p>	<p>Thomas Smith 11/18/09</p>
X	C	9	<p>The provided MPE calculation demonstrates the device meets exposure safety limit per 1.1310 at 20 cm away from the device. However the user manual does not include any RF safety precaution.</p> <p>Please provide a revised user manual with sufficient instructions and information for satisfying RF safety</p>	<p>Updated Users Manual Provided.</p>	<p>Thomas Smith 11/18/09</p>
X	C	10	<p>Page 5 of the user manual states "...Changes or modifications to the wireless 2.4 GHz radio not expressly approved by Fluke Corporation could void the user's authority to operate the equipment....".</p> <p>However 15.21 states "The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved"</p>	<p>Updated Users Manual Provided.</p>	<p>Thomas Smith 11/18/09</p>

			Please provide a revised used manual meeting 15.21 requirements for the entire device.		
X	C	11	<p>The label exhibit shows imprinted on the base and the display unit, FCC logo meeting the label description of 15.19(b)(1)(i). In accordance with FCC 2.1074 “ <i>Devices subject only to a Declaration of Conformity shall be uniquely identified by the responsible party. This identification shall not be of a format which could be confused with the FCC Identifier required on certified, notified, type accepted or type approved equipment.</i>”</p> <p>The presented FCC logo is NOT applicable to stand along equipment subjected to verification and/or certification (see 15.101(a)). Please remove the FCC logo from the device.</p> <p><i>* No response from the customer needed.</i></p> <p>Reference: http://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=27980&switch=P</p>	Removal of the FCC marks would require two expensive tooling changes at this point. It is not possible to cover up or scratch out the logo. New inserts would need to be fabricated for two different injection molds. If at all possible we would like to leave the markings as they are. There has been a KDB inquiry opened and I believe that the FCC has okayed the Label except that we will need to put a permanent FCC identifier on the inside of the battery compartment.	Thomas Smith 11/18/09
x	C	12	<p>The FCC has confirmed that a FCCID label needs to be permanently attached to the device, please provide a new FCCID location photograph showing placement of the label inside the battery compartment.</p> <p>FCC OET Tracking Number 693694 :” <i>The Commission requires the label be in a fixed location and in most cases on the outside and visible part of the unit. With certain devices eg. cell phones and other palm held devices we have allowed the label to be inside the battery compartment but not on the door or cover. Your device qualifies for placement inside the battery compartment but it can not be on the door. It needs to be in a more permanent location.</i>”</p>	Updated ID Label Location Provided	Thomas Smith 12/15/09

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.