

Non-Conformities FCC ID: EO960W (CKC CS Ref # E09-000076-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		1	<p>The confidentiality letter provided includes a request for confidentiality for Internal photograph. This request is not legitimate. Internal photographs do not qualify for confidentiality without further justification. Please provide proper justification for confidentiality of the internal photographs or remove the request from the confidential letter.</p> <p>NOTE: Internal photo confidentiality requires FCC approval.</p>	<p>Yes, my conf. letter template does not have internal photos, when I was doing the IC conf. letter I copied over too much. It has been corrected and uploaded.</p>	<p>Holcomb 16 July</p>
x		2	<p>Item 5 on the PCII cover letter " Extended Frequency coverage (387MHz)".</p> <p>Please explain the nature of Frequency extension and the impact on the final RF transmit frequency . Does this frequency extension enable the device to transmit beyond the 910-920MHz as stated in the original grant?</p>	<p>These points in the cover letter are copied from the TI/Chipcon info sheet for the change in their RFIC. These are frequencies for the generic RFIC that can be used by anyone. Our final device, the 60W, we are 910-920 MHz.</p>	<p>Holcomb 16 July</p>
x		3	<p>Page 10 of the test report, the RF output power was measured with unit 19110947 on <b>Dec 01, 2008</b>. However on page 12 the Spurious emission was measured with unit 29999991 on <b>April16-19, 2009</b>.</p> <p>Please explain why two different units were tested and please confirm whether the RF chip in unit 19110947 and 2999991 are the same improved component pertains to this PCII filing.</p> <p>072109: 1 Please confirm whether the test date Dec 01,2008 is accurate</p> <p>072109:2 Please confirm whether the same chip was used in both unit 19110947 and 2999991..</p>	<p>To do RF power output we use a board that has a cable on it. to do spurious emissions we have the integral antenna connected in include doing the fundamental for the reference to the dBc spec.</p> <p>Yes. We have been testing this product for quite some time. Double Checked report.</p> <p>Yes. The same chip was used in both units.</p>	<p>Holcomb 16 July</p> <p>Holcomb 7 August</p> <p>Holcomb 7 August</p>
x		4	<p>The power listed on the original grant is 0.009W (9.5dBm), the</p>	<p>This is a good one. I went to the FCC</p>	<p>Holcomb</p>

		<p>measured power as presented on page 2 and 10 of the test report is 11.37 dBm. The measured power exceeds the power level on the original grant by 1.87db. This conducted power increment exceeding 0.5 dB , therefore does not qualify for a PCII</p> <p>Hint: NC#3 above may resolve this non conformity.</p>	<p>site and see the original FCC grant, but also on the FCC web site is the report used and it has 11.37dBm, the same as our report now. the original IC grant has 13.7mW or +11.37dBm also. It is interesting, on the IC website today, the decimal is missing and it says 137mW. That is in error. This family of product has always been in the 11dBm range, and it looks that the original FCC grant is in error and does not match the exhibits on the FCC site.</p> <p>072109: CKCS will resolve the power listed on the original grant.</p>	16 July
	5			
	6			

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.

