

Non-Conformities FCC ID: EO960W (Ref # E06-000090-1)

The items listed below represent requests for information following review of this application. Further question may arise pending review of responses to these items.

OK	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
x	1	Please explain the output power table on page 10 of the test report. The setup indicates that the alternative method was used employing a calculated output power. The table indicates EIRP, but does not seem to list the calculated conducted power output of the equipment. Please provide the peak conducted power output from the equipment prior to the antenna.	A revised test report has been uploaded	CKC Labs – 4/19/06
NC -2	2	Block diagram lists an oscillator directly controlling the RF circuitry at ~ 26MHz. Please provide demonstration of compliance to the applicable limits in accordance with 15.33. Specifically, a loop antenna is not listed in the test report as part of the equipment used. Please ensure all test equipment used is listed within the test report.	A revised test report has been uploaded	CKC Labs – 4/19/06
X	3	Please provide a users manual incorporating the statement required by 15.21.	A revised user's manual has been uploaded	CKC Labs – 4/19/06
X	4	Page 13 of test report indicates peak emissions with a limit of 74dBuV/m @ 3 meters. This clearly demonstrates compliance to 15.35(b), however the equipment is required to demonstrate compliance with average measurements to 15.209 within restricted bands above 1000MHz. Please provide data demonstrating compliance to the emissions limitations of 15.209 at the proper limit.	A revised test report has been uploaded	CKC Labs – 4/19/06
X	5	Please provide calibration information for all equipment used for testing.	Calibration certifications have been uploaded	CKC Labs – 4/19/06
X	6	Was testing performed with a fresh battery in accordance with 15.31(e)?	Testing was performed with a fresh battery in accordance with 15.31(e).	CKC Labs – 4/19/06
X	7	Please declare the frequency range tested in accordance with 15.33.	A revised test report has been uploaded	CKC Labs – 4/19/06
X	8	Test report does not state measurement equipment detector functions and bandwidth. Please provide information in accordance with 15.35.	Measurement bandwidths and detectors are called out in each test set-up and, where plots are shown, are clearly visible	CKC Labs – 4/19/06
NC -2	9	Please provide demonstration of compliance to 15.247(a)(1)(i), maximum time of occupancy requirements.	A revised test report has been uploaded	CKC Labs – 4/19/06

Non-Conformities FCC ID: EO960W (Ref # E06-000090-2)

The items listed below represent requests for information following review of this application. Further question may arise pending review of responses to these items.

OK	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
	2	<p>Item 2 still open, The updated test report provided claims frequency range of investigation is 30MHz to 9.2GHz.</p> <p>Original NC: Block diagram lists an oscillator directly controlling the RF circuitry at ~ 26MHz. Please provide demonstration of compliance to the applicable limits in accordance with 15.33. Specifically, a loop antenna is not listed in the test report as part of the equipment used. Please ensure all test equipment used is listed within the test report.</p>	Updated test report provided.	CKC Labs 4/27/06
	9	<p>Item 9 still open: The updated test report does provide time of occupancy plots, however, does not provide a any data to support compliance. Please provide evidence of compliance, via calculation or graphical means.</p> <p>Original NC: Please provide demonstration of compliance to 15.247(a)(1)(i), maximum time of occupancy requirements.</p> <p>Text of 15.247(a)(1)(i) "...the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period..."</p>	Updated test report provided.	CKC Labs 4/27/06