

Non-Conformities FCC ID: GTC029994TXR (CKC CS Ref # E09-000111-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	The external photos exhibits are required. The internal photos have been placed in this field.	Provided	CKC 9/9/09
C	X	2	The ID label provided incorrectly lists the requested FCC ID. The proper label format is "FCC ID: GTC029994TXR" Please provide an updated label.	Updated label information provided.	
C	X	3	The ID label provided includes the statement required by 15.19. Please note that this statement is not required to be a part of the module label, however is required on the exterior of the final product. The 15.19 statement may be removed from the module label if so desired. This item is informative, no response necessary.	N/A	N/A
c	X	4	Please note that the grantee code information must list the party responsible for compliance, including the contact name. Please update your grantee information to include a contact name. Please note that the contact name is the person authorized to sign form 731 applications and confidentiality letters. This authority may be delegated or assigned as necessary however the delegation of authority must be provided in the form of a letter and attached as part of the application filing. This application cannot be approved until the Grantee code contact name is updated.	Grantee code modified	Ryan Gardner 11/3/09
c	X	5	The confidentiality letter provided requests confidentiality for internal photos. This request can only be granted with direct FCC permission. Without further documentation and justification of the request, it is highly likely that the present request would be rejected. Please also note item 1; for modular approval, external photos remain required and must be provided (eg, they're the same as the internal photos). External photos may not be held confidential for commercial products. Please either remove internal photos confidentiality or provide further justification for holding internal photos confidential (example: the equipment will be locked behind a door not accessible to the general public and the enclosure requires the use of specialized	Updated confidentiality letters provided.	Ryan Gardner 9/8/09

			tools to open the equipment; service is performed by factory trained personnel who have signed non-disclosure agreements or will be performed by Employees of INNCOM)		
c	X	6	The FCC ID listed in the confidentiality letter is incorrect, see item 2.	Updated confidentiality letters provided.	Ryan Gardner 9/8/09
c	X	7	The FCC ID listed in the temporary confidentiality letter is incorrect, see item 2.	Updated confidentiality letters provided.	Ryan Gardner 9/8/09
c	X	8	The Temporary confidentiality letter includes the confidential material. The letter itself must be held open for public inspection. If the materials requested for temporary confidentiality are the internal photos only, then list the specific category of exhibit as “all internal photos.” Please note that internal photos, external photos, users manual and test setup photos may be held temporarily confidential. If an item is listed under permanent confidentiality, it does not need to be listed in the temporary confidentiality letter.	Updated confidentiality letters provided.	Ryan Gardner 9/8/09
c	X	9	The modular approval letter needs to address the specific items under 15.212(a)(i), (ii) and (iii). Please modify the letter to address these items. (see below for excerpt).	Updated letter provided	Ryan Gardner 12/23/09
c	X	10	The operational description provided contains the “manufacturing tests” information. This item is not a suitable substitute for an operational description. In accordance with 2.1033(b)(4), please provide an overall description of the equipment and a detailed description of the product, including modulation, ground planes and antennas.	Updated information provided.	Ryan Gardner 12/23/09
c	X	11	The users manual must provide information to the user on final users manual statements and labeling requirements. Please add statement required by 15.21 to this users manual and provide directions for final labeling in accordance with 15.19, 15.21, 15.27 and 15.105 (if required) (see table below).	Updated information provided	Ryan Gardner 12/23/09
TR	X	12	On page 24 of report FC08-082, the RF output power was recorded using a 1MHz RBW, however the 6dB bandwidth was 1.73 MHz (with a 99% bandwidth of 3.25MHz). Please update report for proper measurement procedure using either a correction factor or a wider measurement bandwidth in accordance with established FCC procedures.	Updated test report provided.	CKC 12/24/09
T	X	13	Please provide information regarding voltage variations in accordance with 15.31(e).	Updated test report provided.	CKC 12/24/09

T	X	14	Due to item 12, please update RF Exposure information accordingly.	N/A, "Replaced "RBW= 1 MHz VBW= 3MHz" with "RBW= 5 MHz w/ VBW 3X RBW" on page 24 in the Test Conditions / Notes Section of the Data Sheet." No change in power output.	CKC 12/24/09
C	X	15	Confirmation: this application is for single modular approval (as opposed to limited single modular approval). Please confirm.	We are going for a limited modular approval. This product will be used in products manufactured by INCOMM. The final host product will then undergo a general emissions test after the radio is designed in. Please confirm if I correctly understand the "limited modular approval" concept.	Ryan Gardner 12/23/09
	x	16	Comments regarding item 11: users manual statements. Updated users manual states "FCC Part 15b listing" This terminology is confusing. The relevant rule parts are actually FCC Part 15C, or more explicitly stated FCC Part 15.247.	Updated manual provided	Ryan Gardner 1/20/10
	x	17	Continuation from 16: Users manual uses the term Listing which is not consistent with the approval type. The term "Certification" is used to represent the necessary equipment authorization.	Updated manual provided	Ryan Gardner 1/20/10
	x	18	One element which must be covered is that the users manual statements are not only required for this product, however each final product released. A statement, attestation or example is needed for compliance. The statement can be simple, such as the following suggestion "The following paragraphs are pertinent to this equipment and are to be included within the users manual for all final products. The two part warning is required to be placed on the exterior of all final products, or if the final product is too small within the users manual." Additionally, if the final product is a computer peripheral, the statement required by 15.105 (a) or (b) as appropriate is also required in the final product's users manual. Instructions to this effect should also be included in the radio product's users manual.	Updated manual provided	Ryan Gardner 1/20/10