

Jennifer Sanchez

From: Jennifer Sanchez
Sent: Wednesday, December 23, 2009 2:29 PM
To: 'Tim Dwyer'
Cc: Jennifer Sanchez; Jenn Warnell; Shawn McMillen
Subject: RE: Technical Review Request: JOB#81748, Firetide, FCC and IC
Importance: High
Attachments: 7100 Theory of Operation.pdf; Form 731 - 7100 Unit - Part 90_Rev1.doc; 81748 Firetide - Form 731_Part 15E.doc; 81748 Firetide - Form 731_15C_Rev1.doc

Hi Tim,

Please see attached revised Form 731 for each application and the Theory of Operation. I will send the Tune up procedure soon.

15C DTS1. There are modes described in the test report for which there are no corresponding equipment specifications on the 731. Please confirm whether the 40 MHz BW modes will be functional in this device and if so add appropriate specifications. Power specifications were also not included in the 731.

Form was incomplete. The form has been updated, please see Rev 1.

15C DTS2. There is no operational description exhibit as required by 2.1033(a)(4). If confidentiality is requested for the op desc exhibit, the confidentiality request also needs revision.

The Theory of Operation was missed in the folder and has since been added, please see Theory of Operation attached.

15E NII1. No form 731 for NII was included. Please remember to list frequency ranges appropriate to emission bandwidth

Form was missed. The form has been updated and added to the appropriate folder, please see attached.

15E NII2. There is no operational description exhibit as required by 2.1033(a)(4). If confidentiality is requested for the op desc exhibit, the confidentiality request also needs revision.

The Theory of Operation was missed in the folder and has since been added, please see Theory of Operation attached.

90Y TNB1: No tune-up exhibit was provided per 2.1033(c)(9)..

Will be provided shortly.

90Y TNB2: 731 frequency range is for the entire band. Reviewer is not aware of any specific policy from FCC for frequency range listing in this band, however FCC issued grants and most TCB listed grants list the frequency from the lowest to highest channel center frequency. For this application, there should be 3 line items with frequency ranges related to emission bandwidth. No frequency tolerance was listed in the 731. A frequency tolerance or 20PPM would be appropriate for this application. Also FCC issued grants list "90", not "90Y". (My recollection is that this is published FCC policy but cannot locate a specific reference at the moment) For reference purposes, see FCCID'S VJZ-MWI5000 and HZB-L49U24U50 in the FCC database

Form was incomplete. The form has been updated, please see Rev 1.

90Y TNB3: There is no operational description exhibit. Although the operational description is not specifically required by 2.1033(c), please provide this exhibit to include information in 2.1033(c)(1)-(13) where this information is not already included in other exhibits.

The Theory of Operation was missed in the folder and has since been added, please see Theory of Operation attached.

IC General. As an additional note, although the IC review is not complete, I did not see receiver emissions measured in the test reports. If it is already covered, please disregard.

12/23/2009

Will be provided shortly.

Regards,

J. Sanchez

TCB Administrator

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From: rfspectrum@gmail.com [mailto:rfspectrum@gmail.com] **On Behalf Of** Tim Dwyer

Sent: Wednesday, December 23, 2009 2:10 PM

To: Jennifer Sanchez

Subject: Re: Technical Review Request: JOB#81748, Firetide, FCC and IC

Hi Jennifer,

Review of the three FCC composite parts of this application is complete. Questions for each part follow.

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IC General. As an additional note, although the IC review is not complete, I did not see receiver emissions measured in the test reports. If it is already covered, please disregard.

Best regards,

Tim

12/23/2009