

Jennifer Sanchez

From: Jennifer Sanchez
Sent: Wednesday, December 30, 2009 1:56 PM
To: 'Tim Dwyer'
Cc: Jenn Warnell; Shawn McMillen; Jennifer Sanchez
Subject: RE: Technical Review Request: JOB#81748, Firetide, FCC and IC
Attachments: EMCS81748A-FCC407 (IC Report) Rev 1.pdf; EMCS81748A-FCC407 (FCC Report) Rev 1.pdf; 7100 Tunability Statement.pdf; 81748 Firetide - Form 731_Part 15E_Rev1.doc

Hi Tim,

Please find attached the revised report, Tune-up statement, Form 731 and response below.

15E NII3: The frequency range and power shown in the 731 for the 40 MHz BW exceed FCC limits. 40 MHz BW operation cannot occur at 5240 MHz without having emissions in the 5250-5350 MHz (DFS) band. 0.079 W (79 mW) exceeds the maximum allowed power of 50 mW for the 5150-5250 MHz band.

[Response: Power has been revised, please see revised report and Form 731.](#)

90Y TNB4: Review of the theory of operation exhibit indicates that it operates according to 802.11n (i.e. MIMO) in the 4.9 GHz band. The test report power output measurements appear to be power from a single output rather than combined. Please confirm whether MIMO operation is employed in the 4.9 GHz band and if the test report power is single output or combined.

[Response: MIMO is disabled for 4.9GHz band.](#)

Thanks!

J. Sanchez

TCB Administrator

MET Laboratories, Santa Clara CA

408-207-4785 Office

408-829-1603 Cell

jsanchez@metlabs.com



From: rfspectrum@gmail.com [mailto:rfspectrum@gmail.com] **On Behalf Of** Tim Dwyer
Sent: Wednesday, December 23, 2009 7:38 PM
To: Jennifer Sanchez
Cc: Jenn Warnell; Shawn McMillen
Subject: Re: Technical Review Request: JOB#81748, Firetide, FCC and IC

Hi Jennifer,