



MET Laboratories, Inc. *Safety Certification - EMI - Telecom Environmental Simulation*
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Richard Tseng
FCC
Office of Engineering and Technology

May 7, 2007

Applicant: Firetide Inc.
FCC ID: REP-6100-1
Form 731 Confirmation Number: EA489241
Date of Original E-Mail: 05/04/2007
Correspondence Reference Number: 32999

RE: Response

1. In the detection bandwidth test, the device detects radar only 80 percent of the time when the radar signal is on tune with the center frequency of the device (5300 MHz) Would you like to clarify why this data point is valid when the test procedure required the device to detect at least 90% of the time?

The data taken was verified again and a non-detection was inadvertently entered. The test data was updated to reflect the actual detections found.

2. In the channel move time and closing time plots, all plots were made at different frequencies, was this due to the unavailability of the test mode by the manufacturer or the device exhibit different behavior in different bands?

The plot of the channel closing time at 5700 Mhz was inadvertently placed into the report. That plot has been removed. The non-occupancy period was done on a different day and 5500 MHz was chosen at random as all channels are the same.

3. In your test setup, how was the radar signal generated? Was NTIA provided DFS waveform procedure used? If the setup differentiates from ET 03-122 guidelines, please provide detailed clarification or evidence that this setup was previously approved by FCC.

The test signals were generated using the NTIA files from the NTIA website. The frequency hopping alternative used was the approved Labview version.

4. The device operates in multiple bands under different FCC rules. This application is only for UNII certification. Is application under other rule parts going to be filed as well? Can you provide EA or TC numbers for those applications if they were already filed?

REP-6100-1, Part 15.247: **TC224893**
REP-6100-1, Part 90: **TC528597**

If you need any additional information, please let me know.

Thank you,

Jennifer Sanchez
TCB Administrator
MET Laboratories, Inc.