



NOVATEL WIRELESS

April 6, 2008

Federal Communications Commission
Authorization & Evaluation Division
7345 Oakland Mills Road
Columbia, Maryland
21046

Re: Function of MIFI2352 pertaining to requirements in §15.247/§15.15(b)
FCC ID: NBZNRM-MIFI2352

The MIFI2352 does not operate on Channels 12 and 13 of the 802.11 b/g radio. This is accomplished via the following:

- In Firmware there is a definition = WIFI_MAX_ALLOWABLE_RADIO_CHANNEL
- This limits the maximum WiFi channel number that the Access Point can be configured for.
- Any time FW attempts to configure the WiFi Channel it will verify that the new setting is not greater than our defined limit.
- If the proposed setting is past our limit it will set the channel to the default (RUIDEF_WICH). This is currently set to 6 in the FW.
- The limit, WIFI_MAX_ALLOWABLE_RADIO_CHANNEL, will be set to 11.

An example of the logic in FW is as follows.

```
If (new_wifi_channel_setting > WIFI_MAX_ALLOWABLE_RADIO_CHANNEL)
{
    Wifi_channel = RUIDEF_WICH
}
```

There are no User settings that will allow the end user to change or configure any parameter of interest to the commission on the 802.11 b/g radio.

Sincerely,

Jim Turner

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