



January 26, 2011

Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Division
7345 Oakland Mills Road
Columbia MD 21046

Subject: Reply to Correspondence Reference Number: 95023 for FCC ID: H9PMC55A0

To the Commission:

The MC55A0 has not been release for sale in the United States.

Question 1

Provide a channel/frequency plan for this device showing the channels that have active scanning or passive scanning. Active scanning is where the device can transmit a probe (beacon) and passive scanning is where the device is can listen only with no probes.

Answer 1

The radio does not support active scanning on any channel; the device does support 802.11d and will not transmit until a valid Master device is detected. There is a Class II Permissive Change underway to enable Channel 12 and 13 and add these frequencies to the FCC Grant; currently the frequency / channel plan is listed below.

<u>Channel</u>	<u>Frequency (MHz)</u>
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462



Question 2

Verify that this device does not have ad-hoc mode

Answer 2

This device does support “Ad-Hoc on US 2.4 GHz frequencies” and US non-DFS 5 GHz frequencies.

Question 3

Verify that this application contains a complete User's Manual and/or Professional Installers Manual. If the manual is not complete, upload an updated User's Manual exhibit.

Answer 3

See uploaded latest version of the Integration Guide.

Question 4

Can this device act as an access point on the non-DFS legacy frequencies (5.15-5.25 MHz)

Answer 4

Yes, the following warning was included per FCC:

Ad-Hoc Operation²

Ad-Hoc operation is limited to Channels 36-48 (5150-5250 MHz). Use of this band is restricted to Indoor Use Only, any other use will make the operation of this device illegal.

Frequency of Operation – FCC and IC

5 GHz Only²

The use in the UNII (Unlicensed National Information Infrastructure) band 1 5150-5250 MHz band is restricted to Indoor Use Only; any other use will make the operation of this device illegal.

2.4 GHz Only

The available channels for 802.11 b/g operation in the US are Channels 1 to 11. The range of channels is limited by firmware.

Question 5

Verify that this device meets the frequency requirements of Section 15.202

Answer 5

This device supports 802.11d that operates the WLAN transmitter passively until a valid master device is detected in compliance to 15.202.



Regulatory Engineering

Respectfully,

A handwritten signature in blue ink that reads 'Mark S. Luksich'.

Mark S. Luksich

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