



5th October 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: 108333 for FCC ID: UZ7MC55N0

Form 731 Confirmation No: TC658698

To the Commission:

**Question 1**

Submit 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**

Frequency Band	Active Scanning	Passive Scanning
2412 – 2462 MHz	<input checked="" type="checkbox"/> Yes, <input type="checkbox"/> No	<input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No
5745 – 5825 MHz	<input checked="" type="checkbox"/> Yes, <input type="checkbox"/> No	<input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No
5180 – 5240 MHz	<input checked="" type="checkbox"/> Yes, <input type="checkbox"/> No	<input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No
5260 – 5320 MHz	<input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes, <input type="checkbox"/> No
5500 – 5700 MHz	<input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes, <input type="checkbox"/> No

**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 and UNII Band 1 (5.15-5.25GHz).

**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 User's Manual.

**Question 4**

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

**Answer 4**

No this device does not operate as an Access Point on 5.15 – 5.25 GHz, but does support Ad-Hoc operation on this band. The following warning is included in the User's Guide:

***Ad-Hoc Operation (5 GHz Band)***

*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.*

**Question 5**

Verify that this device meets the frequency requirements of Section 15.202

**Answer 5**

This client device supports 802.11d that operates the WLAN transmitter passively until a valid master device is detected in compliance to 15.202. This device only includes US frequencies listed on the FCC Grant. This device does support Ad - Hoc operation on 2.4 GHz and 5,15 – 5,25 GHz bands.

**Question 6**

For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and / or hardware is implemented to ensure that proper operations modes can not be modified by end user or an installer.

**Answer 6**

This client device will only allow Ad-Hoc mode operation on non-DFS bands - no settings , controls, or adjustments can enable Ad-Hoc on DFS Channels. No settings or controls can disable or modify DFS.

Respectfully,

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