

November 10, 2009

Regulatory Engineering

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

To: Andy Liemer

Response to FCC Correspondence Number: 38241

Re: FCC ID: UZ7AP7131N Correspondence Reference Number: 38241 731 Confirmation Number: EA585844

Question 1)

Does this device meet the requirements for DFS indoor use specified in KDB 443999? If this device is restricted to indoor use, upload the necessary exhibits (User's Manual statement,

Response 1) The following text is excerpted from the Users Guide

Wireless Devices - Countries

Country Selection

Select only the country in which you are using the device. Any other selection will make the operation of this device illegal. The US version of the Access Point will only have US listed in the country selection table. The US version will be sold / used in the US protectorates: American Samoa, Guam, Puerto Rico, US Virgin Islands.

Operation in the US

The use on UNII (Unlicensed National Information Infrastructure) Band 1 5150-5250 MHz and Band 3 5470 - 5725 MHz is restricted to indoor use only, any other use will make the operation of this device illegal.



Devices using the 5470 - 5725 MHz band shall not be capable of transmitting in the band 5600 - 5650 MHz in the US, this "Notched" band has been disabled in the US version of the Access Point.

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.

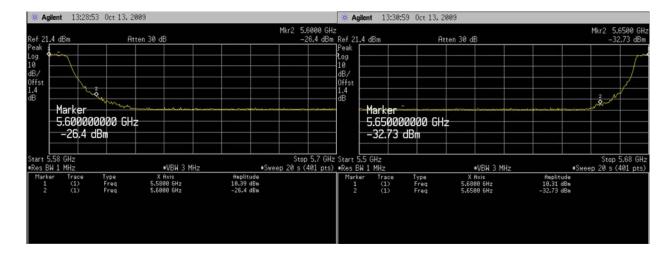
To comply with the 5.60 - 5.65 GHz Notched band, Channels 120, 124, 128, and 132 have been disabled. Here is a screen shot of the Access Point Configuration Area, Channel 120, 124, 128, and 132 are "no longer listed" so that the device can't utilize these channels.

AP-7131N Access Point		•
 ▶ 물월 [Network Configuration] ▶ 물물 LAN 	Radio2[802.11a.n] Settings Advanced Setting	
 ✓ WAN ✓ Wireless ✓ MU ACL ✓ GoS ✓ Radio Configuration Radio2[802111b/g/n] Radio2[802111b/g/n] ✓ Radio2[802111b/g/n] ✓ Radio2[802111b/g/n] ✓ Rogue AP Detection ✓ Router IP Filter ✓ Quick Setup ✓ System Configuration] ✓ Quick Setup ✓ System Settings ✓ Adaptive AP Setup ✓ AP-71XX Access ✓ [User Authentication] ✓ SIMP Access ✓ Date/Time I agging Configuration 	Properties Placement Indoor MAC Address 00:23:68:08:A2:C0 Radio Type 802.11n (5 GHz) HT Protection non-HT STA on Channel Performance RTS Threshold 2346 Bytes Set RF GoS Set Aggregation	Channel, power and Rates Settings 802.11 a/n mode A and N V Set Rates Channel Width 20/40 MHz V Channel Selection User selected V Primary Channel 36 V Secondary Channel 104 100 H12 dBm 50 m/V 116 136 V
	Beacon Settings Beacon Interval 100 K-usec DTIM Interval 10 Beacon Interval(s)	GBSS Load Element Set 140 143 143 Enable QBSS load element QBSS Beacon Interval 10 Beacon Time Apply Undo Changes Help Logout
System Name AP-71 xx	J.	



Question 1.1) 20 dB BW plots at 5600 MHz and 5650 MHz, etc.).

Response 1.1) See Plots below





Question 2) Upload an exhibit showing compliance with the country code settings specified in KDB 594280.

Response 2)

See Screen shot - Country is set to US and Grayed out so it can't be changed.

AP-7131 N Access Point		M
 Ketwork Configuration] Quick Setup System Settings Power Settings Adaptive AP Setup Adaptive AP Setup Adaptive AP Setup Certificate Mgmt.] Configuration Config Import/Export Firmware Update Istatus & Statistics] 	AP-71XX System Settings System Name AP-71XX System Location Admin Email Address Country United States - us Disable LEDs Disable LEDs AP-71XX Version 4.1.0.0-009X System Uptime 0 days 0 hours 3 minutes 38 seconds Serial Number 9068520900030 AP Mode Independent Mode AP Factory Defaults Restore Default Configuration Restore Partial Default Configuration Restart AP-71XX Restart AP-71XX	
System Name AP-71xx	Apply Undo Changes Help Lo	ogout

Respectfully,

and S. Luksich

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