



Cisco Consumer Products LLC

121 Theory Drive Irvine, CA 92617(USA)
Phone: (949) 910-7048 Fax: (949) 823-3002

FCC AE6000 Channel plan and software operational info

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.

Below is the channel / frequency plan for the device:

CH	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2412	2417	2422	2427	2432	2437	2442	2447	2452	2457	2462
Scan Type	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
CH	36	38	40	42	44	48	52	54	56	58	60
Frequency (MHz)	5180	5190	5200	5210	5220	5240	5260	5270	5280	5290	5300
Scan Type	Active	Active	Active	Active	Active	Active	Passive	Passive	Passive	Passive	Passive
CH	62	64									
Frequency (MHz)	5310	5320									
Scan Type	Passive	Passive									
CH	100	102	104	106	108	110	112	116	132	134	136
Frequency (MHz)	5500	5510	5520	5530	5540	5550	5560	5580	5660	5670	5680
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
CH	140										
Frequency (MHz)	5700										
Scan Type	Passive										
CH	149	151	153	155	157	159	161	165			
Frequency (MHz)	5745	5755	5765	5775	5785	5795	5805	5825			
Scan Type	Active	Active	Active	Active	Active	Active	Active	Active			

Question 2 Verify that this device does not have ad-hoc mode.

<Reply>

This device does not support ad-hoc mode on DFS band (5250~5350MHz and 5470~5725MHz).

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.

<Reply>

The submitted manual is the latest full version.

Question 4

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

<Replay>

This device does not act as an Access Point in 5.15-5.25GHz band, but does support Ad-Hoc mode in the band.

Question 5

Verify that this device meets the frequency requirements of Section 15.202

<Reply>

This device supports 802.11d that operates the WLAN transmitter passively until a valid master device is detected in compliance to 15.202. In the case when 802.11d is not activated then the radio will only operate on US non-DFS frequencies until it is under the control of a master device.

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 cannot be modified by end user or an installer.

<Reply>

On DFS channels, the WLAN driver in the device operates under the control of an AP at all times, except when in ad-hoc mode, on US non-DFS channels. As described in the answer to question 1, the device passively scans DFS frequencies until a master device is detected. The control of this functionality is not accessible to anyone under any conditions. Furthermore, the firmware is protected by special signature and CRC checksum. Signature and CRC checksum will be calculated and verified before firmware upgrade. Unauthorized modification to firmware will lead the failure of verification thus firmware upgrade is not allowed.

Sincerely yours,



Darrell Tennis / Manager, Regulatory Compliance

Cisco Consumer Products LLC

TEL: 949-910-7048

FAX: 949-823-3002

E-mail: dtennis@cisco.com



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Industry Canada **AE6000** Channel plan and software operational info

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