CONTEC

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.
<Reply>
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	44	46	48	52	54	56	60	62	64
Frequency(MHz)	5180	5190	5200	5220	5230	5240	5260	5270	5280	5300	5310	5320
Scan Type	Active	Active	Active	Active	Active	Active	passive	passive	passive	passive	passive	passive
CH	100	102	104	108	110	112	116	118	120	124	126	128
Frequency(MHz)	5500	5510	5520	5540	5550	5560	5580	5590	5600	5620	5630	5640
Scan Type	passive	passive	passive	passive	passive	passive	passive	passive	passive	passive	passive	passive
CH	132	134	136	140	149	151	153	157	159	161	165	
Frequency(MHz)	5660	5670	5680	5700	5745	5755	5765	5785	5795	5805	5825	
Scan Type	passive	passive	passive	passive	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 for all DFS bands.

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 for client.

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 on 5.15 – 5.25 GHz but does support Ad-Hoc mode in this band.

Question 5
Verify that this device meets the frequency requirements of Section 15.202
<Reply>
For 5G band
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's under the control of a master device.
For 2.4G band
The product does support AP function (master) on 2.4G Band but can only transmit on US channel (ch1 to ch11).

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>
Regarding hardware protection, FXE2000-G adopts OTP (one time programming) architecture to storage RF parameters, country code, product information and others. User can not modify any setting parameter to OTP.
For software protection, because the operating driver has been approved. There exists a checking identifier with associated software package. So even the intended user modify the software the device will not work as active mode of DFS channels at all.

Sincerely yours,

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