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DFS client device channel plan and software operational declaration

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We, **Advantech Co., Ltd.**, declare that the device, FCC ID: **M82-EKI6333AC2GA** Model Name: **EKI-6333AC-2GD** does not have Ad Hoc on "non-US frequencies" and/or on" DFS frequencies". Also, the client software and associated drivers will not initiate any transmission on DFS frequencies without initiation by a master. This includes restriction on transmissions for beacons and support for ad-hoc peer-to-peer modes.

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

Below is the channel / frequency plan for the device

CH	36	38	40	42	44	46	48				
Frequency (MHz)	5180	5190	5200	5210	5220	5230	5240				
Scan Type	Active	Active	Active	Active	Active	Active	Active				

CH	52	54	56	58	60	62	64
Frequency (MHz)	5260	5270	5280	5290	5300	5310	5320
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive

CH	100	102	104	106	108	110	112	116	118	120
Frequency (MHz)	5500	5510	5520	5530	5540	5550	5560	5580	5590	5600
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
CH	122	124	126	128	132	134	136	140		
Frequency (MHz)	5610	5620	5630	5640	5660	5670	5680	5700		
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive	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

Also, 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. 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 a special signature and CRC checksum. Signature and CRC checksum will be calculated and verified before firmware upgrade. Unauthorized modification to firmware will lead to the failure of verification and thus firmware upgrade will not be allowed.

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Sincerely yours,

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