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DFS client device channel plan and software operational declaration

Date: **2021-03-01**

We, **AzureWave Technologies, Inc.**, declare that the device, FCC ID: **TLZ-CU488** Model Name: **AW-CU488**, 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.

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	40	44	48				
Frequency (MHz)	5180	5200	5220	5240				
Scan Type	Active	Active	Active	Active				

CH	52	56	60	64				
Frequency (MHz)	5260	5280	5300	5320				
Scan Type	Passive	Passive	Passive	Passive				

CH	100	104	108	112	116	120				
Frequency (MHz)	5500	5520	5540	5560	5580	5600				
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive				

CH	124	128	132	136	140
Frequency (MHz)	5620	5640	5660	5680	5700
Scan Type	Passive	Passive	Passive	Passive	Passive

CH	149	153	157	161	165		
Frequency (MHz)	5745	5765	5785	5805	5825		
Scan Type	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.

Sincerely yours,

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A handwritten signature in black ink, appearing to be "Patrick Lin", written over a horizontal dashed line.

Patrick Lin / Director

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