DFS client device channel plan and software operational declaration

Date: 2016-09-09

We, CIRCUS WORLD DISPLAY LTD, declare that the device, FCC ID: **SMH-NPCS600** Model Name: NPCS600-T, 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

5G band 1

CH	38	40	44	46						
Frequency (MHz)	5190	5200	5220	5230						
Scan Type	Active	Active	Active	Active						

5G band 2

CH	54	62				
Frequency (MHz)	5270	5310				
Scan Type	Passive	Passive				

5G band 3

CH	102	110	134							
Frequency (MHz)	5510	5550	5670							
Scan Type	Passive	Passive	Passive							

5G band 4

CH	151	159					
Frequency (MHz)	5755	5795					
Scan Type	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 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,

Raj Jain / Managing Director Tel: 905 353 0732 Fax: 905 353 1701 E-mail: rj@svat.com

Create What's Different™