DFS client device channel plan and software operational declaration

Date: 2024-05-07

We, **Silex Technology, Inc.**, declare that the device, FCC ID: **N6C-IM100** Model Name: **IM-100**, 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.

5G band 2

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

5G band 3

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	144
Frequency (MHz)	5620	5640	5660	5680	5700	5720
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive

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,

Sincerely yours,

Yukinari Shibuya, Manager
Silex Technology, Inc.
Tel: +81-774-98-3878
Fax: +81-774-98-3758
E-mail: nakai@silex.jp