

UdiSense Inc (DBA: Nanit)

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DFS client device channel plan and software operational declaration

We, **UdiSense Inc.** (DBA: Nanit) declare that the device:

FCC ID: 2AIWVN101, **Model name:** N101

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:

Channel	1	2	3	4	5	6	7	8	9	10	11
Freq (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

Channel	36	40	44	48
Freq (MHz)	5180	5200	5220	5240
Scan Type	Active	Active	Active	Active

Channel	52	56	60	64
Freq (MHz)	5260	5280	5300	5320
Scan Type	Passive	Passive	Passive	Passive

Channel	100	104	108	112	116	132	136	140
Freq (MHz)	5500	5520	5540	5560	5580	5660	5680	5700
Scan Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive

Channel	149	153	157	161	165
Freq (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 and firmware upgrade process are protected with several layers of security like SSL certificate validity check and digitally signed files.

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