

DFS device channel plan and software operational declaration

Date: 2019-05-16

We, <u>SonicWall Inc.</u>, declare that the device, FCC ID: 2AKCZ-0C3 Model Name: APL43-0C3, does not operate Ad Hoc on "non-US frequencies" and/or on "DFS frequencies". When in role as Access Point (master to client(s)) or as Mesh Point (node in mesh network) installed software complies with per FCC 905462 D02 DFS UNII DFS V02. This includes restriction on transmissions for beacons and support for mesh nodes on Mesh Point to Mesh Point. Operation as Access Point Master and Mesh Point are concurrent.

Below is the channel / frequency plan for the device:

| СН | | 1 | 1 2 | | 3 | 3 | | 4 5 | | ; | 6 | | 7 | | 8 | Ś | 9 | | 10 | | 1 |
|-----------------|------------------------------|-----------------|-------|--------|--------|---------|-------|--------|------|-----|--------|----|-------|----|--------|------|--------|--|--------|--|----|
| Frequency (MHz) | | 24 ⁻ | 12 | 2 2417 | | 422 242 | | 27 243 | | 32 | 32 243 | | 2442 | | 2447 | 24 | 2452 | | 2457 | | 62 |
| Scan Type | | Act | ive / | Active | e Acti | ve | Activ | Active | | ve | Activ | ve | Activ | /e | Active | Acti | Active | | Active | | ve |
| | СН | | 30 | 6 | 38 | 4 | 40 | 4 | 12 | 2 | 14 | 4 | 6 | 4 | 18 | | | | | | I |
| | Frequency (MHz) Scan Type | | 518 | 80 | 5190 | 52 | 200 | 52 | 210 | 52 | 220 | 52 | 230 | 52 | 240 | | | | | | • |
| | | | Activ | ve A | Active | Act | tive | Act | tive | Act | ive | Ac | tive | Ac | tive | | | | | | • |

| СН | 52 | | 54 | 56 | | 58 | | 60 | (| 62 | 6 | 64 | | | | |
|-----------------|---------------|------|----------------|----------------|--------|----------------|----------|----------------|----------|----------------|-------------|----------------|----------------|----------------|----------------|----------------|
| Frequency (MHz) | 526 | 0 | 5270 | 528 | 0 | 5290 | 0 ! | 5300 | 5 | 310 | 53 | 20 | | | | |
| Scan Type | Activ Mesh | | Active Mesh | Active Mesh | | Active Mesh | | | Ac Me | | Acti Mes | | | | | |
| СН | 100 | 0 | 102 | 10 |)4 | 1(| 06 | 108 | 5 | 110 |) | 112 | 116 | 118 | 120 | 122 |
| Frequency (MHz) | 550 | 00 | 5510 | 55 | 5520 | | 530 | 5540 | | 5550 | | 5560 | 5580 | 5590 | 5600 | 5610 |
| Scan Type | Activ Mesh | | Active Mesh | | | | ve sh | Active Mesh | | | | Active Mesh | Active Mesh | Active Mesh | Active Mesh | Active Mesh |
| СН | 124 | 4 | 126 | 12 | 128 | | 32 | 134 | | 136 | | 140 | | | | |
| Frequency (MHz) | 562 | 20 | 5630 | 56 | 640 5 | | 60 | 567 | C | 5680 | | 5700 | | | | |
| Scan Type | Activ Mesh | | Active Mesh | Activ Mes | | Active Mesh | | Active Mesh | | Active Mesh | | Active Mesh | | | | |
| СН | | 14 | 49 1 | 51 | 153 | | 155 | 5 1 | 57 | 1: | 59 | 161 | 165 | | | - |
| Frequency (M | 1Hz) | 57 | 45 5 | 755 | 57 | '65 | 577 | 5 57 | 785 | 57 | '95 | 5805 | 5825 | 1 | | |
| Scan Type | e A | Acti | ve Ac | tive A | Active | | Activ | e Act | ive | e Active | | Active | Active |] | | |



On all US channels including US DFS channels, the WLAN functions operates under the control SonicOs user interface and/or mesh point node. The device scans all US frequencies including DFS frequencies to identify other mesh nodes device is detected. The control of DFS functionality is not accessible to anyone under any conditions. Furthermore, SonicWall uses Public Key Infrastructure (PKI) to authenticate source of firmware reliably. SonicWall secure signing server uses PKI private key to sign the firmware. And SonicWall appliance has PKI public key to authenticate the firmware image. Digital Signature Algorithm (DSA) and secure hashing algorithm SHA to validate only SonicWall signed legitimate firmware can be allowed for upgrading. Digest hash ensure firmware is not modified. DSA can ensure firmware is authentic

Thank you

Sincerely yours,

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