

DFS device channel plan and software operational declaration

Date: 2019-06-10

We, <u>SonicWall Inc.</u>, declare that the device, FCC ID: 2AKCZ-0C1 Model Name: <u>APL42-0C1</u>, 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:

CH	1	2	3	4	5	6	7	8	9	10	1	1
Frequency (MHz)	2412	2417	2422	2427	2432	2437	2442	2447	2452	245	7 24	62
Scan Type	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	e Activ	е
СН	36	38	40	42	44	46	48					
Frequency (MHz)	5180	5190	5200	5210	5220	5230	5240					
Scan Type	Active	Active	Active	Active	Active	Active	Active					
		1	T		T	1						
СН	52	54	56	58	60	62	64					
Frequency (MHz)	5260	5270	5280	5290	5300	5310	5320					
Scan Type	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh					
СН	100	100	104	100	1 400	110	0 1 4	10 1 4	4.0	440	100	1 40
СН	100	102	104	106	108		0 1	12 1	16	118	120	12
Frequency (MHz)												
Frequency (MITZ)	5500	5510	5520	5530	5540	555	55	60 5	580	5590	5600	56
Scan Type	5500 Active Mesh	5510 Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	e Activ	e Acti	ve Ad	ctive	5600 Active Mesh	Activ
. , ,	Active	Active	Active	Active	Active	Active Mesh	e Activ Mesi	e Acti	ve Ad	ctive	Active	56 Activ Mesh
Scan Type	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	e Activ Mesl	re Acti n Mes	ve Ad	ctive	Active	Activ
Scan Type CH	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh	e Activ Mesl 6 14 80 57	e Acti n Mes 40	ve Ad	ctive	Active	Activ
Scan Type CH Frequency (MHz) Scan Type	Active Mesh 124 5620 Active	Active Mesh 126 5630 Active	Active Mesh 128 5640 Active	Active Mesh 132 5660 Active	Active Mesh 134 5670 Active	Active Mesh 130 568 Active	e Activ Mesl 6 14 80 57	e Acti n Mes 40	ve Ad	ctive	Active	Activ
Scan Type CH Frequency (MHz)	Active Mesh 124 5620 Active	Active Mesh 126 5630 Active	Active Mesh 128 5640 Active	Active Mesh 132 5660 Active	Active Mesh 134 5670 Active	Active Mesh 130 568 Active	e Activ Mesl 6 14 80 57	e Acti n Mes 40	ve Ad	ctive	Active	Activ
Scan Type CH Frequency (MHz) Scan Type	Active Mesh 124 5620 Active Mesh	Active Mesh 126 5630 Active Mesh	Active Mesh 128 5640 Active Mesh	Active Mesh 132 5660 Active Mesh	Active Mesh 134 5670 Active Mesh	Active Mesh Active Mesh Active Mesh	e Activ Mesl 6 14 80 57 e Activ Mesl	n Acti n Mes 40 00 e	ve Ad	ctive	Active	Activ



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

Sincerely yours,

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