

DFS device channel plan and software operational declaration

Date: 2019-05-06

We, <u>SonicWall Inc.</u>, declare that the device, FCC ID: 2AKCZ-0CF Model Name: <u>APL44-0CF</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:

СН		1	1 2		3		4	5		6		7		8	Ş)	10)	11	1
Frequency (MHz)		241	2412 24		242	22 24	2427		2432		2437		12	2447	24	52	245	57	246	62
,	Scan Type		ve Ac	Active A		e Active		Activ	ve Activ		/e	Active		Active	Active		Active		Activ	/e
	CH Frequency (MHz) Scan Type		36	3	38	40	4	42	4	14	4	ŀ6	4	-8						
			5180	5180 5190		5200	5	5210		220	52	230	52	40						
			Active	Act	ive	Active	Ac	tive	Act	tive	Ac	tive	Ac	tive						

	СН		2	54	5	56	58	3	60		62	6	64				
Frequency (MHz)		526	60	5270	52	280	529	90	5300		310	53	20				
Scan Type		Activ Mesl		Active Mesh	Act Me		Activ Mes		ctive 1esh		ctive esh	Acti Mes					
	CH		0	102	2	104	1	106	108		11	0	112	116	118	120	122
Frequency (MHz)		550	00	5510		5520 5		530	554	5540		50	5560	5580	5590	5600	5610
5	Scan Type							tive esh	Activ Mes		Active Mesh		Active Mesh	Active Mesh	Active Mesh	Active Mesh	Active Mesh
CH		12	124 1		26 12		1	132	13	134		6	140				
Frequency (MHz)		562	620 56		630 56		5	660	567	5670		30	5700				
Scan Type		Activ Mesl						tive esh					Active Mesh				_
	CH		149		151	51 15		3 155		157		59	161	165		•	_
	Frequency (M	1Hz)	57	45	5755	57	765	577	5 5	785	5 5	795	5805	5825			
	Scan Type		oe Active		Active Ad		tive Activ		e Activ		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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