

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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