MediaTek Inc.

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DFS client device channel plan and software operational declaration

Date: 2024-03-06

We, MediaTek Inc., declare that the device, FCC ID: RAS-MT7925B14L Model Name: MT7925B14L, 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

1	2	3	4	5	6	7	8	9	10	11
2412	2417	2422	2427	2432	2437	2442	2447	2452	2457	2462
Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
12	13									
2467	2472									
Active	Active									
36	38	40	42	44	46	48				
5180	5190	5200	5210	5220	5230	5240				
Active	Active	Active	Active	Active	Active	Active				
50	52	54	56	58	60	62	64			
5250	5260	5270	5280	5290	5300	5310	5320			
Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive			
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100	102	104	106	108	110	112	114	116	118	120
100 5500	102 5510	104 5520	106 5530	108 5540	110 5550	112 5560	114 5570	116 5580	118 5590	120 5600
5500	5510	5520	5530	5540	5550	5560	5570		5590	5600
5500	5510	5520	5530	5540	5550	5560	5570	5580	5590	5600
5500 Passive	5510 Passive	5520 Passive	5530 Passive	5540 Passive	5550 Passive	5560 Passive	5570 Passive	5580 Passive	5590 Passive	5600 Passive
5500 Passive 122 5610	5510 Passive 124 5620	5520 Passive 126 5630	5530 Passive 128 5640	5540 Passive 132 5660	5550 Passive 134 5670	5560 Passive 136 5680	5570 Passive 138 5690	5580 Passive 140	5590 Passive 142 5710	5600 Passive 144 5720
5500 Passive 122 5610	5510 Passive 124 5620	5520 Passive 126 5630	5530 Passive 128 5640	5540 Passive 132 5660	5550 Passive 134 5670	5560 Passive 136 5680	5570 Passive 138 5690	5580 Passive 140 5700	5590 Passive 142 5710	5600 Passive 144 5720
5500 Passive 122 5610	5510 Passive 124 5620	5520 Passive 126 5630	5530 Passive 128 5640	5540 Passive 132 5660	5550 Passive 134 5670	5560 Passive 136 5680	5570 Passive 138 5690	5580 Passive 140 5700	5590 Passive 142 5710	5600 Passive 144 5720
	2412 Active 12 2467 Active 36 5180 Active 50 5250	2412 2417 Active Active 12 13 2467 2472 Active Active 36 38 5180 5190 Active Active 50 52 5250 5260	2412 2417 2422 Active Active Active 12 13 2467 2472 Active Active Active 36 38 40 5180 5190 5200 Active Active Active 50 52 54 5250 5260 5270	2412 2417 2422 2427 Active Active Active Active 12 13 2467 2472 Active Active Active Active 36 38 40 42 5180 5190 5200 5210 Active Active Active Active 50 52 54 56 5250 5260 5270 5280	2412 2417 2422 2427 2432 Active Active Active Active Active 12 13 2467 2472 Active Active 12 13 2467 2472 Active Active Active 36 38 40 42 44 5180 5190 5200 5210 5220 Active Active Active Active 50 52 54 56 58 5250 5260 5270 5280 5290	2412 2417 2422 2427 2432 2437 Active Active	2412 2417 2422 2427 2432 2437 2442 Active Active Active Active Active Active Active Active 12 13 2467 2472 Active Active Active Active Active 12 13 2467 2472 Active Active Active Active Active 36 38 40 42 44 46 48 5180 5190 5200 5210 5220 5230 5240 Active Active Active Active Active Active Active 50 52 54 56 58 60 62 5250 5260 5270 5280 5290 5300 5310	2412 2417 2422 2427 2432 2437 2442 2447 Active Active Active Active Active Active Active Active Active 12 13 2467 2472 Active Active Active Active Active 2467 2472 Active Active Active Active Active Active 36 38 40 42 44 46 48 Active 5180 5190 5200 5210 5220 5230 5240 Active Active Active Active Active Active Active Active Active 50 52 54 56 58 60 62 64 5250 5260 5270 5280 5290 5300 5310 5320	2412 2417 2422 2427 2432 2437 2442 2447 2452 Active	2412 2417 2422 2427 2432 2437 2442 2447 2452 2457 Active

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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 is protected by a special signature and CRC checksum. Signature and CRC checksum will be calculated and verified before firmware upgrade. Unauthorized modification to firmware will lead to the failure of verification and thus firmware upgrade will not be allowed. Sincerely yours,

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MediaTek Inc.

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