

FCC DTS UII declaration

December 11, 2024

Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046
USA

FCC ID: **XHG-RG3102**

Gentlemen:

Please be advised that the Mobile Hotspot is manufactured for the global market but when marketed in the U.S. under FCC ID: **XHG-RG3102**. The nonvolatile memory (NVM) will be programmed at the factory to only actively scan and operate on these specific channels during normal WLAN operation. During Wi-Fi Direct mode the device may act as a group owner (GO) to establish a peer-to-peer (P2P) network including conditions when no master device is present on these specific channels.].....

Channels 1-11, 2412-2462MHz 802.11b mode

Channels 1-11, 2412-2462MHz 802.11g mode

Channels 1-11, 2412-2462MHz 802.11n mode (20MHz channel)

Channels 3-11, 2422-2452MHz 802.11n mode (40MHz channel)

Channels 1-11, 2412-2462MHz 802.11ax mode (20MHz channel)

Channels 3-11, 2422-2452MHz 802.11ax mode (40MHz channel)

This device meets the requirements of FCC Part 15.202 and accordingly will be programmed at the factory to active scan on the following DFS channels to initiate communication during normal WLAN operation. When operating in Wi-Fi Direct mode on these DFS channels, it may operate as a P2P client device or GO to establish a P2P network if, and only if, a master device is present and network communication is maintained between a master device and the GO. for TDWR operations and preventing transmission in the 5600MHz – 5650MHz frequency band.].....

Channels 52-64, 5260-5320MHz 802.11a mode

Channels 52-64, 5260-5320MHz 802.11n mode (20 MHz channel)

Channels 52-64, 5260-5320MHz 802.11ac mode (20 MHz channel)

Channels 52-64, 5260-5320MHz 802.11ax mode (20 MHz channel)

Channels 54-62, 5270-5310MHz 802.11n mode (40MHz channel)

Channels 54-62, 5270-5310MHz 802.11ac mode (40MHz channel)

Channels 54-62, 5270-5310MHz 802.11ax mode (40MHz channel)

Channel 58, 5290MHz 802.11ac mode (80MHz channel)

Channel 58, 5290MHz 802.11ax mode (80MHz channel)

Channel 50, 5250MHz 802.11ac mode (160MHz channel)

Channel 50, 5250MHz 802.11ax mode (160MHz channel)

Channels 100-140, 5500-5700MHz 802.11a mode

Channels 100-140, 5500-5700MHz 802.11n mode (20 MHz channel)

Channels 100-144, 5500-5720MHz 802.11ac mode (20 MHz channel)

Channels 100-144, 5500-5720MHz 802.11ax mode (20 MHz channel)

Channels 102-134, 5510-5670MHz 802.11n mode (40MHz channel)
Channels 102-142, 5510-5710MHz 802.11ac mode (40MHz channel)
Channels 102-142, 5510-5710MHz 802.11ax mode (40MHz channel)
Channels 106 &138, 5540 & 5690MHz 802.11ac mode (80MHz channel)
Channels 106 &138, 5540 & 5690MHz 802.11ax mode (80MHz channel)
Channel 114, 5570MHz 802.11ac mode (160MHz channel)
Channel 114, 5570MHz 802.11ax mode (160MHz channel)
Channel 114, 5570MHz 802.11be mode (160MHz channel)

This device meets the requirements of FCC Part 15.202 and accordingly will be programmed at the factory to active scan on the following non-DFS channels to initiate communication during normal WLAN operation. When operating in Wi-Fi Direct mode on these non-DFS channels, it may operate as a P2P client device or GO to establish a P2P network if, and only if, a master device is present and network communication is maintained between a master device and the GO.

Channels 36-48, 5180-5240MHz 802.11a mode
Channels 36-48, 5180-5240MHz 802.11n mode (20 MHz channel)
Channels 36-48, 5180-5240MHz 802.11ac mode (20 MHz channel)
Channels 36-48, 5180-5240MHz 802.11ax mode (20 MHz channel)
Channels 38-46, 5190-5230MHz 802.11n mode (40MHz channel)
Channels 38-46, 5190-5230MHz 802.11ac mode (40MHz channel)
Channels 38-46, 5190-5230MHz 802.11ax mode (40MHz channel)
Channel 42, 5210MHz 802.11ac mode (80MHz channel)
Channel 42, 5210MHz 802.11ax mode (80MHz channel)
Channels 149-165, 5745-5825MHz 802.11a mode
Channels 149-165, 5745-5825MHz 802.11n mode (20 MHz channel)
Channels 149-165, 5745-5825MHz 802.11ac mode (20 MHz channel)
Channels 149-165, 5745-5825MHz 802.11ax mode (20 MHz channel)
Channels 151-159, 5755-5795MHz 802.11n mode (40MHz channel)
Channels 151-159, 5755-5795MHz 802.11ac mode (40MHz channel)
Channels 151-159, 5755-5795MHz 802.11ax mode (40MHz channel)
Channel 155, 5775MHz 802.11ac mode (80MHz channel)
Channel 155, 5775MHz 802.11ax mode (80MHz channel)
Channel 155, 5775MHz 802.11be mode (80MHz channel)

This device meets the requirements of FCC Part 15.202 and 15.407 as a 6GHz band Low Power Indoor AP module (6ID) , be programmed at the factory to active scan on the following below channels to initiate communication during normal WLAN operation.

5925MHz - 6425MHz, 802.11a/n/ac/ax/be mode (all channel BWs)
6425MHz - 6525MHz, 802.11a/n/ac/ax/be mode (all channel BWs)
6525MHz - 6875MHz, 802.11a/n/ac/ax/be mode (all channel BWs)
6875MHz - 7125MHz, 802.11a/n/ac/ax/be mode (all channel BWs)

This information when programmed into the NVM will not be accessible and cannot be changed by the end user. The transmitter is approved as a non-software defined radio and OEMs and third party system integrators do not have the ability through software to allow configuration controls that would permit the device to operate outside the grant conditions per FCC KDB 594280.

Yours Sincerely,



Print name: James Lee

Title: Director

Franklin Technology Inc.