

The **SGH-T869** supports the following frequency ranges and is only client device in 5GHz bands.

The following table lists the actual channel/frequency plan for the 2.4GHz and 5GHz operation in USA.

This device only supports Active scanning on non-DFS frequencies.

WLAN: 2412-2462 MHz. 5745 – 5825MHz

UNII: 5180 – 5240MHz, 5260 – 5320MHz, 5500 – 5700MHz

Channel	Freq.(MHz)	Scanning	Channel	Freq.(MHz)	Scanning
1	2412	Active	7	2442	Active
2	2417	Active	8	2447	Active
3	2422	Active	9	2452	Active
4	2427	Active	10	2457	Active
5	2432	Active	11	2462	Active
6	2437	Active			

Channel	Freq. (MHz)	Scanning	Channel	Freq. (MHz)	Scanning	Channel	Freq. (MHz)	Scanning
36	5180	Active	64	5320	Passive	140	5700	Passive
40	5200	Active	100	5500	Passive	149	5745	Active
44	5220	Active	104	5520	Passive	153	5765	Active
48	5240	Active	108	5540	Passive	157	5785	Active
52	5260	Passive	112	5560	Passive	161	5805	Active
56	5280	Passive	116	5580	Passive	165	5825	Active
60	5300	Passive	136	5680	Passive			

Ad-hoc or peer-to-peer modes are not supported operating in the UNII bands. This NII transmitter is a client-only device without radar detection capability. The client software and associated drivers can not initiate any transmission on DFS frequencies, which includes transmissions for beacon, ad-hoc, and peer-to-peer modes. Operation as an access point on non-DFS legacy frequencies is also not supported. The software is locked by the module manufacturer such that there is no access and the settings can not be changed by the integrator of the module or the end user of the device. When Hotspot Mode is activated by the end-user, all 5GHz WIFI bands are disabled

This NII transmitter is a client-only device without radar detection capability, and that the client software and associated drivers will not initiate any transmission on DFS frequencies, which includes transmissions for beacon ad-hoc peer-to-peer modes. In 5GHz band AR6003X module works only for

necessary data transmission. When data transmission is not needed, this device actually shutdown Tx path. So, This device automatically discontinues its transmission in case of either absence of information to transmit or operational failure.