

4、The channel center frequency and CHNL\_ID numbers shall be shown in the following table.

802.11b/g Channel Center Frequency	
CHNL_ID	Frequency (MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

5、Antenna Specification

Antenna Type	PIFA
Frequency Range	2.40~2.50 for 802.11b/g 5.15~875 for 802.11a
Center Frequency	2450Mhz
Peak Gain(Max)	1.5dBi
VSWR	2.50 for 2.4GHz band 2.85 for 5.0GHz band
Impedance	50Ohms
Connect Cable	Φ 1.13/length( Length1=312mm/Length2=517mm )
Connector	IPEX
Number of Antenna	2

6、Dual-Antenna work principle

Dual-Antenna with feedback cable ( 1.13mm/Length1=312mm/Length2=517mm ) connect with the WiFi module through the standard connector I-PEX.

WiFi Module Control Unit can check the signal strength of the two antennas ,and decide use which one through control the RF switch unit. In the same time just One Antenna is working.