

Operation Description

The EUT is a Wireless Wi-Fi adapter with 11 channels(802.11b, g, n (20MHz)) or 7 channels(802.11n (40MHz)).First the master IC RT3070 (U7) send electrical signals, after RF auxiliary circuit, amplified by the PA U2, amplified signals through Switch U4 that is channel switching circuit switch to send out. Wireless node (STA) will scan all channels to find the network (BSS) in the strongest signal to connect to the AP, which sends a probe request, the connection requests, authenticating the request to the AP.

After the wireless signal node scan to the AP signals, then Switch U4 switch to the receiving channel, through the BF776 Q2 received circuit feedback to the master IC RT3070 (U7).