

1. The user manual states that the device is capable of being configured in bridge mode as a network extender. Please clearly explain this mode of operation, specifically how the device performs radar detection in this mode.

Ans: The extender device operates at bridge mode which has client interface and AP interface. It has one 2.4G RF chipset and one 5G RF chipset.

If the client interface of extender doesn't connect to root AP or connect to 2.4G root AP, then the AP interface works as Master device according FCC part 15.202. If the AP interface operates in DFS channel, it will jump to non DFS channel once radar is detected. If the client interface of extender connects to root AP in 5G, then the AP interface of extender in 5G radio must follow the root AP's channel because the extender device only has one 5G RF chipset and both client and AP interface must operate in the same channel. The client interface of extender operates as Slave device in 5G. If the root AP detects radar and jump to another channel, then the extender will follow the notification packet which indicates the new channel from root AP to change to the new channel. The client interface of extender only performs a passive scan (listening only) without sending any packet out in the DFS channels.

2. Please provide description of the software upgrade process for this device. Include controls implemented to prevent third parties from making unauthorized transmitter modifications.

Ans: Software update for extender is solved some operation defect and performance. It is not involved any output power or channel controlled against KDB 594280- -software configuration for Non-SDR