

Date: October 16, 2014

Applicant: Loopcomm Technology, Inc.
FCC ID: VYTL2596K
Correspondence Reference Number: 183823
Form 731 number: TC730034

Change of software/firmware:

Firmware version: 1.1.1 => 1.1.5.1

1. removed : Regulatory domain
2. removed : DFS control and DFS control

Before

The screenshot shows the 'Device Information' page in the Loopcomm web interface. The 'Firmware Version' is highlighted with a red box and is '1.1.1 (Sep 19 2014)'. Other details include Device IP: 192.168.1.200, Device MAC: 00:1A:EF:45:A0:55, Gateway IP: 192.168.1.200, DNS IP: 192.168.1.200, Wireless MAC: 00:1A:EF:45:A0:57, Uptime: 0 day 0 0:32, and CPU Loading: 0%. Below this is 'Memory Information' showing Total Available, Used, Free, Buffers, and Cached memory usage, all at 0KB / 0KB. At the bottom is an 'ARP Table' with one entry: IP Address 192.168.1.254, MAC Address 00:24:14:78:89:89, Interface br0.

The screenshot shows the 'Operation Mode Settings' page in the Loopcomm web interface. The 'Regulatory Domain' is set to 'United States' and is highlighted with a red box. Other settings include Remote AP SSK: Loopcomm, Site Survey button, Enable Wireless checked, Disable SSID Broadcasting unchecked, Enable Isolated unchecked, Lock to AP MAC: 00:00:00:00:00:00, Radio Mode: 5G 11NA-HT40, Channel: Auto Channel, Data Rate: Auto, Security Setting: Setup button, Transmit Power: 27 dBm, Transmit Distance: 1 Km, TDMA: Disable, DFS Control: Enable (highlighted with a red box), DFS Domain: FCC (highlighted with a red box), Advanced Settings: Setup button, and Access Control: Setup button. A 'Save & Restart' button is at the bottom.

After

The screenshot shows the Loopcomm web interface with the 'Device Information' page selected. The page displays various system parameters and resource usage.

Device Information

- Firmware Version: 1.1.5.1 (Oct 2 2014)
- Device IP: 192.168.1.200
- Device MAC: 00:1A:EF:99:99:01
- Gateway IP: 192.168.1.200
- DNS IP: 192.168.1.200
- Wireless MAC: 00:1A:EF:99:99:03
- Uptime: (Ad-Muhammad) 0 day 0 35:44
- CPU Loading: 1%

Memory Information

Category	Usage	Value
Total Available	77%	47820KB / 65536KB
Used	14%	6664KB / 47820KB
Free	80%	40956KB / 47820KB
Buffers	0%	0KB / 6664KB
Cached	12%	836KB / 6664KB

ARP Table

IP Address	MAC Address	Interface
192.168.1.254	00:24:1d:78:89:89	br0

The screenshot shows the Loopcomm web interface with the 'Operation Mode Settings' page selected. The page contains various configuration options for the wireless network.

Operation Mode Settings

- Remote AP SSID: Loopcomm [Site Survey](#)
- Enable Wireless
- Disable SSID Broadcasting
- Enable Isolated
- Lock to AP MAC: 00:00:00:00:00:00
- Radio Mode: 5G.11NA-HT40
- Channel: Auto Channel
- Data Rate: Auto
- Security Setting: [Setup](#)
- Transmit Power: 27 dBm
- Transmit Distance: 1 Km
- TDMA: Disable
- Advanced Settings: [Setup](#)
- Access Control: [Setup](#)

[Save & Restart](#)

NOTE: To access the wireless network, user must have correct SSID and encryption key, if enabled.