



Calix Inc.

Declaration of Authorization

We

Name: Calix Inc.

Address: 1035 N. McDowell Blvd Petaluma, CA94954 U.S.A

Declare that:

Name Representative of agent: Marlin Chen

Agent Company name: MRT Technology (Suzhou) Co., Ltd

Address: D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd.,
Wuzhong Economic Development Zone,

City: Suzhou

Country: China

is authorized to apply for Certification of the following product(s):

Product Description: 804Mesh Dual Wi-Fi

FCC ID: 2ABLK-804MESH

Model Number: 804MESH

Brand Name: Calix

Sincerely,

A handwritten signature in black ink, appearing to read 'Harish Bhakta', written over a horizontal line.

Name: Harish Bhakta

Position: Manager

Calix Inc.



Calix Inc.

Date: September 29, 2017

Federal Communications Commission
Authorization and Evaluation Division

FCC ID: 2ABLK-804MESH

Confidentiality Request

Pursuant to Sections 0.457 and 0.459 of the Commission's Rules, we hereby request confidential treatment of information accompanying this application as outlined below:

1. Block Diagram
2. Schematics
3. Operational Description

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these matters might be harmful to the applicant and provide unjustified benefits to its competitors.

The applicant understands that pursuant to Rule 0.457, disclosure of this application and all accompanying documentation will not be made before the date of the Grant for this application.

Sincerely,

A handwritten signature in black ink, appearing to read 'Harish Bhakta', written over a horizontal line.

Name: Harish Bhakta

Position: Manager

Calix Inc.



Calix Inc.

Date: September 29, 2017
Federal Communications Commission
Authorization and Evaluation Division
FCC ID: 2ABLK-804MESH

To Whom It May Concern:

This letter is to ascertain that the following information of applicant, product with model(s) have been the units used for conducting FCC compliance testing, the DoC part will be tested by FCC recognized test lab.

Applicant: Calix Inc.
Product: 804Mesh Dual Wi-Fi
Model: 804MESH

If you have any question or concerns, pls. contact us.

Signature:

A handwritten signature in black ink, appearing to read 'Harish Bhakta', written over a horizontal line.

Name: Harish Bhakta
Position: Manager
Calix Inc.

5. Does the manufacturer elect SDR?

Yes, elects to be an SDR.

No, Not an SDR

No

Final conclusion:

According to the above questions reply, we can confirm this **804Mesh Dual Wi-Fi, FCC ID:**

2ABLK-804MESH must be a Non-SDR.

The equipment can only support one exclusive regulation. The hardware devices will be locked to the activated regulatory domain and can't be modified by any third party through configuration changes or software upgrades. The client only need to download the software/firmware from official website, and these software/ firmware shall be authentication protocol by the manufacturer.

Signature:

A handwritten signature in black ink, appearing to read 'Harish Bhakta', written over a horizontal line.

Name: Harish Bhakta

Position: Manager

Calix Inc.

Non-SDR (Software Defined Radio) Cover Letter

Date: September 29, 2017

Refer to KDB 442812 D01 SDR apps Guide v02r03.

The following six questions can be used for determining if a radio can elect to be, or must be an SDR.

1. Can the RF parameters of the device be altered through software?

Yes - go to 2.

No, not an SDR

Yes

2. Can third parties not permitted by the Commission through specific filings modify, configure, or load different software, or make configuration settings to operate the device or host hardware radio frequency parameters (frequency range, modulation type, maximum output power or other radio parameters) in any other way than granted (or expected to be granted)?

Yes, must be an SDR.

No - go to 3.

No

3. Is the device capable of operating in any other in any other way than granted, or will be, granted?

Yes, - go to 4.

No - go to 5.

No

4. Is this a Part 15 client Device as defined in Section 15.202 (as opposed to a master device)?

Yes, qualifies as a part 15 client devices - go to 5.

No, must be an SDR.