



SAGEMCOM BROADBAND SAS

250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE

Class II Change Letter

Date: 2022/5/11

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

To Whom It May Concern:

Request for Class II Permissive Change

FCC ID: VW3FAST5290 / Grant Date: 01/26/2022, 03/24/2022, 08/06/2021

Pursuant to CFR 2.1043, SAGEMCOM BROADBAND SAS hereby requests a Class II Permissive Change.

Modification:

1. Removed 2 filters. And removed components which the correspond postions
UL16.UL33.UL10.UL34.UL12.UL35.UL14.UL36 (for 5G), UH17.UH18.UH11.UH19.UH13.UH20.UH15.UH21 (for 6G).
2. Removed the Adapter 1(Model: ADS-42FKJ-12 12042EPCU-L) and Adapter 2(Model: MSG-V3500AR120-042A0-US).
3. Changed the WAN port from 1Gbps to 2.5Gbps.
4. Changed some components and shielded case on main board (Please refer to internal photos for detail change.)
5. Added a RJ-45 cable for accessory.

Note: No more software change for the device in the future.

Respectfully,

Applicant's company name : SAGEMCOM BROADBAND SAS

Applicant's company address : 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE

Signature :


Sagemcom
Sagemcom Broadband S.A.S.
Au capital de 58 251 417,36 €
440 294 516 RCS NANTERRE
Siège Social :
250, route de l'Empereur
92848 RUEIL-MALMAISON CEDEX
FRANCE
Tél. : +33 (0)1 57 61 10 00

Name and Job Title :

Jacques LE ROUX / R&D General Methods Department Manager

E-Mail :

jacques.leroux@sagemcom.com

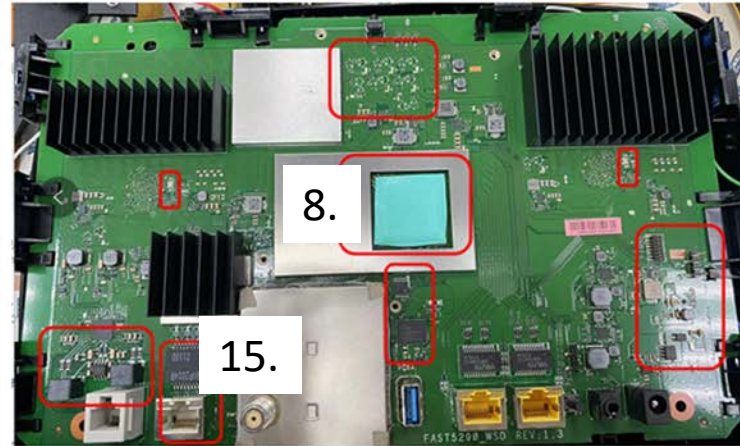
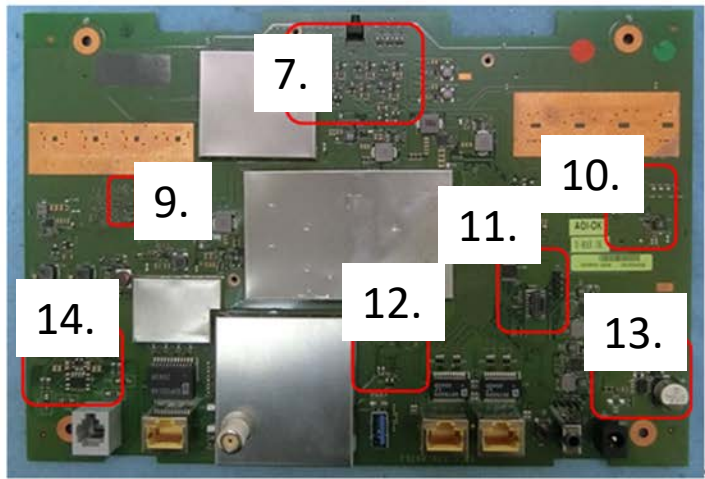
Tel :

+33 (0)1 57 61 25 72

Fax :

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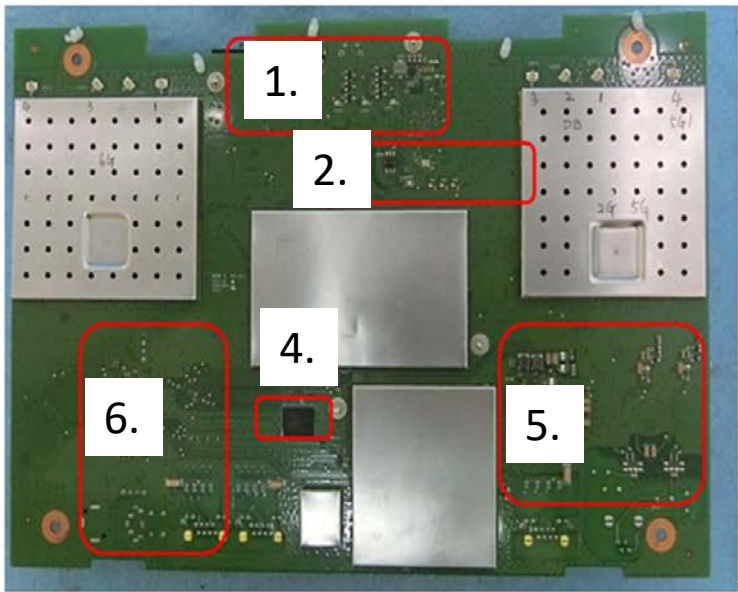
F5290 Top different



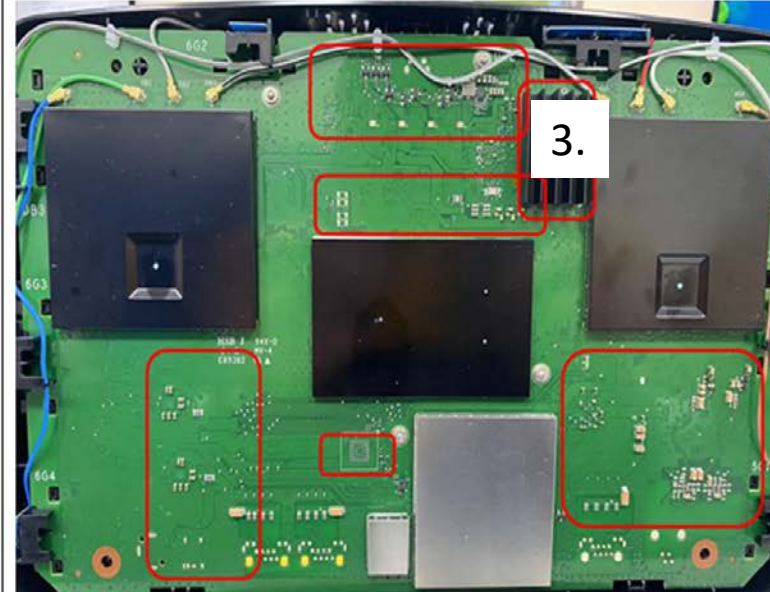
- 7. To optimize WIFI power control
- 8. Add thermal pad for CPU thermal solution
- 9. To optimize WIFI power performance
- 10. To optimize WIFI power performance
- 11. For GPIO extender move
- 12. Co-layout EMMC flash for flash shortage issue
- 13. To optimize Power DC/DC
- 14. To optimize FXS surge protection
- 15. 2.5G white Ethernet connector change to yellow

F5290 Bottom different

原案 163028 & 163028-01



163028-08



1. To optimize WIFI power control
2. DC/DC move to add 2.4G Heat sink for thermal solution
3. Heat sink for 2.4G thermal solution
4. Co-layout EMMC flash for flash shortage issue
5. To optimize MoCA DC/DC performance
6. To optimize ethernet 2.5G performance