

Franklin Technology

906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

Date: October 24, 2025

Federal communications commission

Office of engineering and technology laboratory division

735 Oakland mills Road

Columbia, Maryland 21046

Subject class II permissive change for FCC ID: XHG-RT410

(original Grant date: 11/23/2020)

Dear Examiner,

This is to request a class II permissive change for Mobile Hotspot, Model Name:RT410,  
FCC ID:XHG-RT410.

The Major change filed under this application is:

1. The MMPA (Power Amplifier Module) changed from QM56021 (Qorvo) to SKY77643 (Skryworks)
2. The B66 DPX changed from SD18-1745R8UUB1 (Kyocera) to D6DA2G155K2T2 (Taiyo Yuden)

| Part Name                    | Part Number (Existing)    | Part Number (To be changed #1) | Part Number (To be changed #2) |
|------------------------------|---------------------------|--------------------------------|--------------------------------|
| MMPA(Power Amplifier Module) | QM56021 (Qorvo)           | SKY77643-31 (Skryworks)        | SKY77643-31 (Skryworks)        |
| B66 DPX (Duplexer)           | SD18-1745R8UUB1 (Kyocera) | D6DA2G155K2T2 (Taiyo Yuden)    | SD18-1745R8UUB1 (Kyocera)      |

3. Software security remains unchanged from the original application.

4. WIFI part keep the same.

5. Below test is performed to demonstrate compliance.

| Test Case                                    | Original | Variant         |
|----------------------------------------------|----------|-----------------|
| RF Power Output and Effective Radiated Power | Pass     | Retest All band |
| Occupied Bandwidth                           | Pass     | Retest All band |
| Band Edge Compliance                         | Pass     | Retest All band |
| Peak-to-Average Power Ratio                  | Pass     | Retest All band |
| Frequency Stability                          | Pass     | Retest All band |
| Spurious Emissions at Antenna Terminals      | Pass     | Retest All band |
| Radiates Spurious Emission                   | Pass     | Retest All band |
| FCC SAR Worst case                           | Pass     | Reassessment    |
| FCC EMC 15B                                  | Pass     | Retest          |

Please kindly review the application documents submitted and grant approval for this  
Permissive Change application.

Signature : 

Date : 2025.10.24