

February 13, 2024

Federal Communications Commission  
EQUIPMENT AUTHORIZATION BRANCH  
7435 Oakland Mills Road  
Columbia, MD 21046

Reference: **FCC ID: XGS-ST9100**

### Application for Class II Permissive Change

Dear Sir/Madam:

We respectfully wish to apply for a Class II permissive change for the above referenced FCC Identifier under the provisions of FCC rule 2.1043.

The original model ST9100 and the new added model variant ST9101 as well as updated ST9100 are electrically and mechanically identical Satellite radio modem except for the following differences:  
List the differences between them.

1. The main change is that a new software is introduced into ST9101 and update ST9100 which provide multiple channel configuration with different data rate therefore different waveform and bandwidth.
2. On antenna card, there is an PA part change due to part supply issue. Transmitting power are setting as the same power as previous ST9100 and tested in factory.
3. Other than the above, ST9101 consists of a cellular OEM module which is different from Original ST9100 and updated ST9100 variants.

The change implemented complies with KDB 178919 D01 Permissive Change Policy v06: No components have been added or removed, nor has there been any change to PCB. The equipment is identical to previously certified.

Test reports showing compliance are submitted with this application.

The applicant certifies that no party to this application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug abuse Act of 1988.

Our FRN number is 0004379202.

Your prompt attention to this matter is appreciated. Please let me know if there are any questions or if further data is required.

Sincerely,

Signed by:

  
\_\_\_\_\_  
*Signature*

Xinming Wang  
\_\_\_\_\_  
*Print name*

Director, Hardware Integrity & Regulations  
\_\_\_\_\_  
*Title*

613-368-5766  
\_\_\_\_\_  
*Phone*

