

Ref: US000142

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To FCC

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Overall Assessment Letter for the STG Aerospace S10011 DSSS module

FCC id: Q52-TR100

I have assessed the above referenced submission for the S10011 module and found it to be compliant.

The product is an 802.15.4 radio module for use in emergency lighting and security systems.

The following points were noted and resolved during the evaluation.

1. Operating Frequency

The operating frequency was incorrectly listed as 2.45 MHz instead of 2.45 GHz.

2. Equipment Authorisation Code

This was listed as DSS however as a transceiver it should have been stated as a digital transmission system i.e. DTS.

3. Frequency range

The frequency range was not stated correctly for a direct sequence spread spectrum device.

4. Operating Mode

On the application form the operating mode was not listed. This was corrected to DSSS.

5. Authorised Signatory

The original application form was not signed so another had to be obtained to make the application process legal.

6. Internal Photographs

The internal photos did not indicate the location of the antenna. Further photographs were obtained showing the antenna on the PCB layout.

7. General

The S10011 module is designed to operate under the General Limits specified in Section 15.209 and as such there are no specific operational requirements.

I underwent the FCC RF exposure evaluation training at BABT in May 2006.

Yours sincerely

A handwritten signature in blue ink that reads "Tom Twynam". The signature is fluid and cursive, with "Tom" on the top line and "Twynam" on the bottom line.

Tom Twynam
Technical Certifier
For BABT TCB