



FCC  
Federal Communications Commission

Adyl Mssalak  
29 October 2014  
Phone +49 (0) 2102 749 288  
Fax +49 (0) 2102 749 350  
Email: Adyl.Mssalak@7Layers.com

***request for a modular approval - FCC ID: QIPBGS8***

Dear Application Examiner,

the module "BGS8" is seeking FCC authorization as a modular transmitter. The requirement of the FCC part 15.212 are met.

The following requirements are fulfilled:

**1. The modular transmitter must have its own RF shielding**

The radio portion of the module has its own RF shielding.

**2. The modular transmitter must have buffered modulation/data inputs**

The module has a memory management unit inside of the IC. It buffers the data inputs.

**3. The modular transmitter must have its own power supply regulation**

The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.

**4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c**

The requirements of section 15.203 and 15.204c do not apply for the BGS8.

**5. The modular transmitter must be tested in a stand-alone configuration**

In order to control the EUT an evaluation board with attached adaptor board were used. Evaluation and adaptor board were installed in a shielded housing. The EUT is located outside the shielded housing and connected to the adaptor board via a flex-cable.

**6. The modular transmitter must be labelled with its own FCC ID number**

The Module is labelled with its own FCC ID.

**7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.**

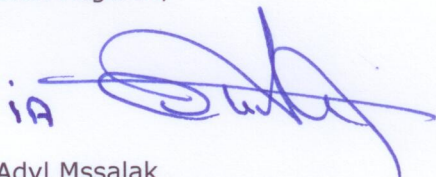
The EUT is compliant with all applicable FCC rules.

**8. The modular transmitter must comply with any applicable RF exposure requirements.**

The modular transmitter complies with RF exposure requirements for mobile and fixed host devices in its final configuration.

Please contact us if you have any additional questions.

Best Regards,

A handwritten signature in blue ink, appearing to be 'Adyl Mssalak', with a stylized flourish extending to the right.

Adyl Mssalak  
Senior Project Manager  
**7 layers AG**