

FCC
Federal Communications Commission

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request for a modular approval - FCC ID SD7GR2316

Dear Application Examiner,

the Gennum Bluetooth module GR2316 is seeking FCC authorization as a modular transmitter. The requirement of the FCC Public notice DA00-1407 are met.

The following requirements are fulfilled:

1. The radio portion of the module is contained in its own RF shielding.

See enclosed product photos in exhibit.

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

Any external antenna to be used with the module must be notified with a class 2 change or a separate FCC ID needs to be obtained for the end product.

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

The EUT was tested in a stand-alone configuration. The module was fixed in the Casira Development Kit of CSR (Cambridge Silicon Radio) during the test. See also test setup photos in test report. For radiated measurements, the required distance of 10 cm was ensured by a special connector.

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

The EUT will be labelled with its own FCC ID number. If the module is installed inside of an end-product, the label will not be visible. In this case the OEM customer will be instructed to how to apply the exterior label.

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. Detail instructions are given in the product Users Guide.

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

The maximum measured power output of 0,81 mW (-0,93 dBm) together with the maximum antenna gain of +4,4 dBi is far below the low threshold defined as (60/f GHz) mW for $d < 2.5$ cm in the TCB exclusion list.

Please contact us if you have any additional questions.

Best Regards

7layers AG