

Guangzhou Goelectron Science & Technology Company Limited

Modular Approval Request Letter

FCC ID: 2ABNA-G01

Date: May. 6, 2014

Gentlemen:

There's an Communication Module that would like to have your authorization as a modular approval.

The specific product as below, Communication Module, with its designed features and specified

description, meets special requirements for full modular approval on FCC Public Notice **KDB996369 D01** Released:

June 26, 2000 by cross-reference list below.

Company	Guangzhou Goelectron Science & Technology Company Limited
Model Name	GEBW127XA
Model Number	Communication Module
FCC ID	2ABNA-G01

Requirement of Public Notice KDB996369 D01	Reference to
1. The modular transmitter must have its own RF shielding.	The module has its own RF shielding. Please see external photo.pdf
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, it is integrated in chip WL1271L. Please see schematic.pdf
3. The modular transmitter must have its own power supply regulation.	All power lines derived from the host device are regulated before energizing other circuits internal to the GEBW127XA. On the module schematic you can see a DC-DC convertor chip (U3, TPS62601). This is the power regulator to output a stable DC 1.8V power. Please see schematic.pdf
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The GEBW127XA meets the FCC antenna requirements. There is no antenna connector on this module. The antenna is professionally installed by host manufacturer under the installation instruction and it cannot be installed and changed by end user.
5. The modular transmitter must be tested in a stand - alone configuration, i.e., the module must not be inside another device during testing.	The GEBW127XA was tested in a stand-alone configuration via a NSC200-V1.0-D. Please see conducted set-up photo.pdf and spurious set-up
6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The label position of GEBW127XA is clearly indicated. Please see the label.pdf

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. A copy of these instructions must be included in the application for equipment authorization.	The GEBW127XA is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see Installation guide.pdf
8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).	The GEBW127XA comply with applicable RF exposure requirements. Please see RF safety evaluation. pdf

Thank you.

Sincerely,

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