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| Applicant/Grantee | | GOLDEN POWER MANUFACTURING LIMITED | |
| FCC ID: | | QO8-USZW5202 | |
| Modular Transmitters | | | |
| Request for Modular Approval | | | |
| | Requirements | EUT Conditions | Comply (Y/N) |
| Single Modular Approval Requirements | | | |
| 1 | The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements. | RTZW-02 Modular has no its own shielding. It shows in file “QO8-USZW5202 Internal photos” | NO |
| 2 | The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with modular approval requirements under conditions of excessive data rates or over-modulation. | RTZW-02 modular uses Sigma Designs Company’ s ZM5202 Z-wave module, and M25PE20 - VMN6TP memory chip. It sends/receives message to/from other Z - wave device(s), in 908.4MHz operating frequency. | YES |
| 3 | The modular transmitter must have its own power supply regulation. | The power supply of RTZW-02 modular has been designed to work on either battery power or power from host. The modular transmitter did not have its own power supply regulation. | NO |
| 4 | The modular transmitter must comply with the antenna and transmission system requirements. | The antenna of RTZW-02 modular is a PCB antenna. The antenna gain is -0.5dBi. | YES |
| 5 | The modular transmitter must be tested in a stand-alone configuration, <i>i.e.</i> , the module must not be inside another device during testing. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in Section 15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see Section 15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see Section 15.31(i)). | RTZW-02 Modular cannot work in a stand-alone configuration. It was measured at a typical host. It shows in file “QO8-USZW5202 Test setup photos REV 2” | NO |

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| 6 | <p>The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.</p> <p><i>(A) If using a permanently affixed label, the modular transmitter must be labeled with its own FCC identification number, and, if the FCC identification number 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. This exterior label can use wording such as the following:</i></p> <p><i>“Contains Transmitter Module FCC ID: XYZMODEL1” or “Contains FCC ID: XYZMODEL1.” Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.</i></p> <p><i>(B) If the modular transmitter uses an electronic display of the FCC identification number, the information must be readily accessible and visible on the modular transmitter or on the device in which it is installed. If the module is installed inside another device, then the outside of the device into which the module is installed must display a label referring to the enclosed module. This exterior label can use wording such as the following:</i></p> <p><i>“Contains FCC certified transmitter module(s).” Any similar wording that expresses the same meaning may be used. The user manual must include instructions on how to access the electronic display. A copy of these instructions must be included in the application for equipment authorization.</i></p> | <p>The RTZW-02 Modular has a permanently affixed label. It shows in file “QO8-USZW5202 Label Location”</p> | YES |
| 7 | <p>The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete 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.</p> | <p>The related instruction has been added to page 2 of user manual.</p> | YES |
| 8 | <p>The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p> | <p>The RTZW-02 Modular complies with this requirement. It shows in “QO8-USZW5202 User Manual REV 2”</p> | YES |
| <p>A limited modular approval may be granted for single or split modular transmitters that do not comply with all of the above requirements, <i>e.g.</i>, shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.</p> | | | |

For and on Behalf of
GOLDEN POWER MANUFACTURING LIMITED
金物實業有限公司



Authorized Signature(s)

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