



Samsung Electronics Co., Ltd.

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FCC ID: A3LUM100

Request for Single Modular Approval

Transmitter Module Characteristics

No	Requirements	EUT
1	Have its own RF shielding	Device is equipped with metal shielding to cover RF section. Refer to external photos.
2	Have buffered modulation/data inputs (if such inputs are provided)	All inputs to the modules are buffered through logic or microprocessor inputs.
3	Have its own power supply regulation	The part number of the power regulator is (AAT2146)
4	Meet the antenna requirements of Section 15.203	The antenna type is PCB antenna. refer to the external photo.
5	Be tested in a stand-alone configuration, i.e., the antenna, AC or DC power and data input/output lines must be connected to the module but, the module must not be inside another case during testing	Please reference exhibition Test Configuration Photo for the stand-alone test configuration
6	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	Label is to be placed in front of the EUT(UM100), and other label is to be placed in the User's Guide. Refer to FCC ID label format.
7	The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the scope of the regulations.	The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1091. 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).	This device is categorically excluded from routine environmental because it operates at very low power level

→ The module will be used to the manufactured product by Samsung Electronics Co., Ltd.