

# Request for transmitter modular approval

**FCC ID: SPT-CM11B-01**  
**Model: Core11b**

## Transmitter Module Characteristics

Item	Requirements	EUT
1	The modular transmitter must have its own RF shielding	The RF portion of the unit has been shielded separately. See attached photos of the unit.
2	The modular transmitter must have buffered modulation / data inputs (if such inputs are provided)	All inputs to the module are buffered through logic or microprocessor inputs
3	The modular transmitter must have its own power supply regulation	The modulator contains a linear power regulator (3.3V to 2.5V) at DC input port. Refer to block diagram
4	The modulator must comply with the antenna requirements of the section 15.203 and 15.204(C)	In order to ensure that no other antennas than those furnished by the manufacturer are used the module uses a unique U.FL series connector
5	The modular transmitter must be tested in a stand-alone configuration	Device will be tested in a standalone configuration
6	The modular transmitter has to be labelled with its own FCC ID number. If the FCC ID is not visible when the device 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	Two proposed FCC ID label format will be included in the filling. One of the labels is to be placed on the module and the other is to be placed on the outside of system.
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 module complies fully with the requirements for 15.247. No additional requirements need to be met by the end user to ensure compliance with 15.247.
8	The modular transmitter must comply with any applicable RF exposure requirements.	SAR testing is not applicable. 20cm distance will be maintained during normal operation.