

## **EMC Block Diagram Form**

System Configuration Block Diagram -- Provide a line drawing identifying the EUT, simulators, support equipment, I/O cables, power cables, and any other pertinent components to be used during testing. Use a dashed line to separate the equipment in the testing field versus equipment outside testing field. PCB Antenna  $\mathsf{AMP}$ DC Blk RF MODEM 4 GHz Software Loaded RF Module PWR Connector **BATTERY** 2xAA (Non-Rechargeable) uC Module: Texas Instruments MSP430F1611 ultra-low power MCU RF Communication: 2400-2485 MHz RF Module: Texas Instruments CC2420 RF IC and CC2590 front end amp. +8dBm maximum output power. 2 Units of standard AA type non-rechargeable with proper connector and housing Battery: Provided. Alternatively, 1 D-size 3.6V lithium primary battery can be used as well. Oscilators: 16Mhz Crystall Oscilator(RF); 8MHZ Crystall Oscilator (MCU); 32KHz(MCU)

| Authorization Signatures   |      |
|--|------|
| Customer authorization to perform tests according to this test plan. | Date |
| Test Plan/CDF Prepared By (please print)                             | Date |