



**FCC CFR47 PART 15 SUBPART C
ISED CANADA RSS-210 ISSUE 9**

TEST PHOTOS

FOR

RF IN-WALL OCCUPANCY DIMMER

MODEL NUMBER: MAESTRO

**FCC ID: JPZ0120
IC: 2851A-JPZ0120**

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Revision History

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1. EQUIPMENT UNDER TEST

1.1. DESCRIPTION OF EUT

The EUT is an RF in-wall occupancy dimmer allowing control of 0-10V lighting loads locally and from RF controls using 433MHz transmitter. Range of the transmitter is 431.5-436.6 MHz.

1.2. WORST-CASE CONFIGURATION AND MODE

The EUT was investigated in three orthogonal axes, X, Y, and Z. It was determined that Z-Axis was worst-case. Therefore all radiated testing performed with the EUT in the Z orientation. AC Mains emissions was performed with the EUT transmitting on worst-case channel determined by fundamental field strength.

1.3. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
None				

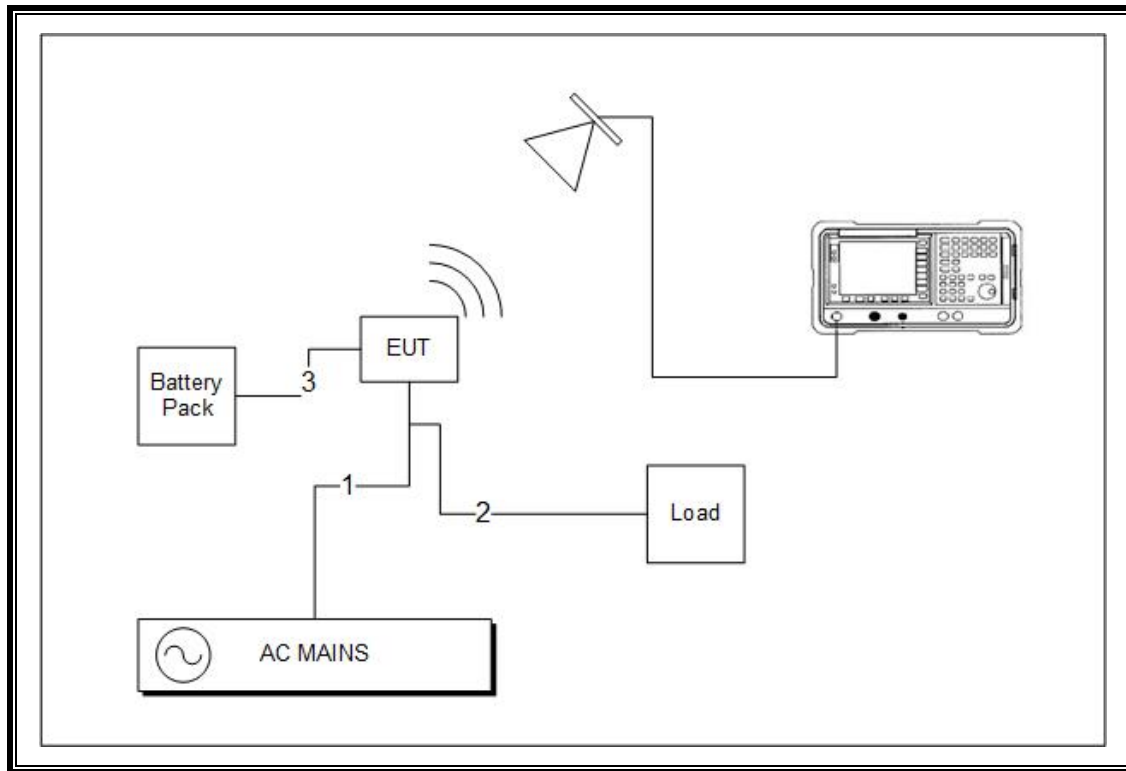
I/O CABLES

I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	1	Quick Connect	Single Conductor	<3m	Provides AC
2	Load	2	Quick Connect	Single Conductor	<3m	Connected to load
3	Load	2	Quick Connect	Single Conductor	<3m	Connected to battery pack as load.

TEST SETUP

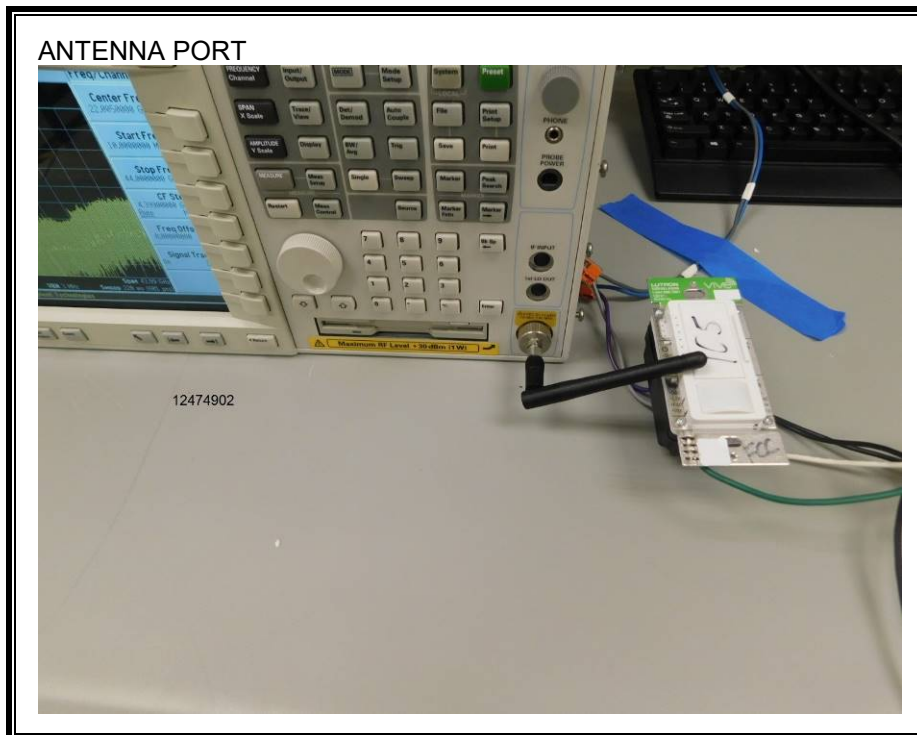
The EUT was configured as a standalone device.

SETUP DIAGRAM FOR TESTS



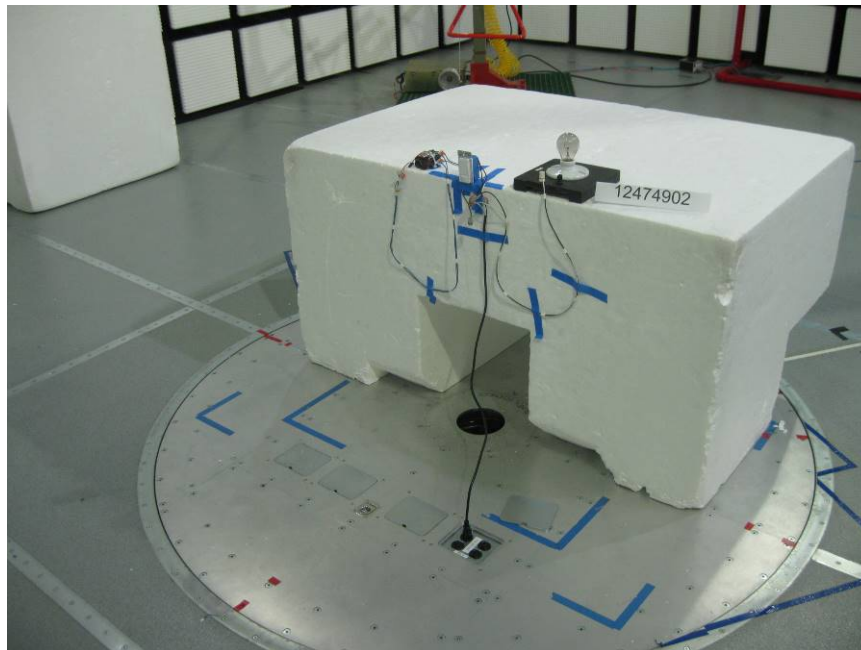
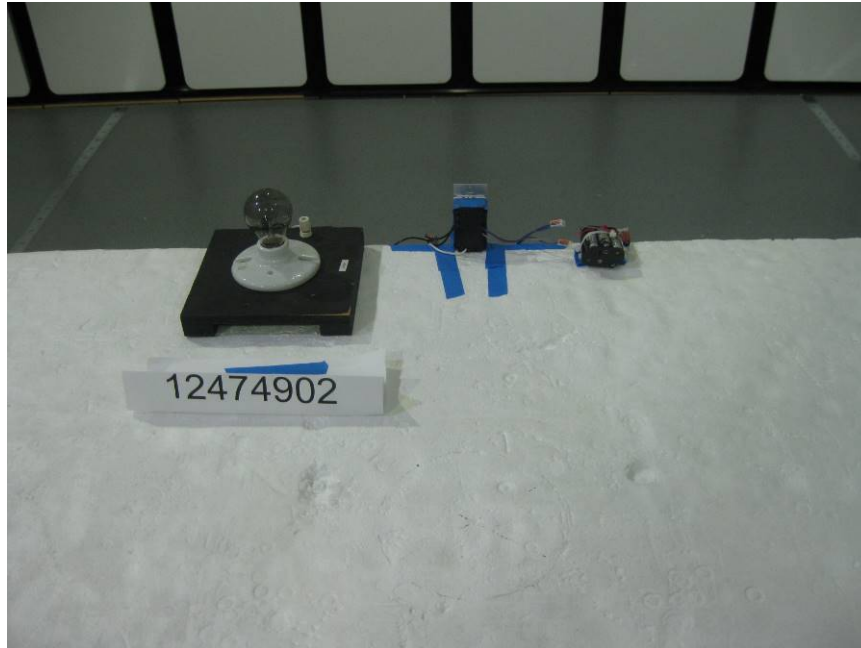
2. SETUP PHOTOS

ANTENNA PORT

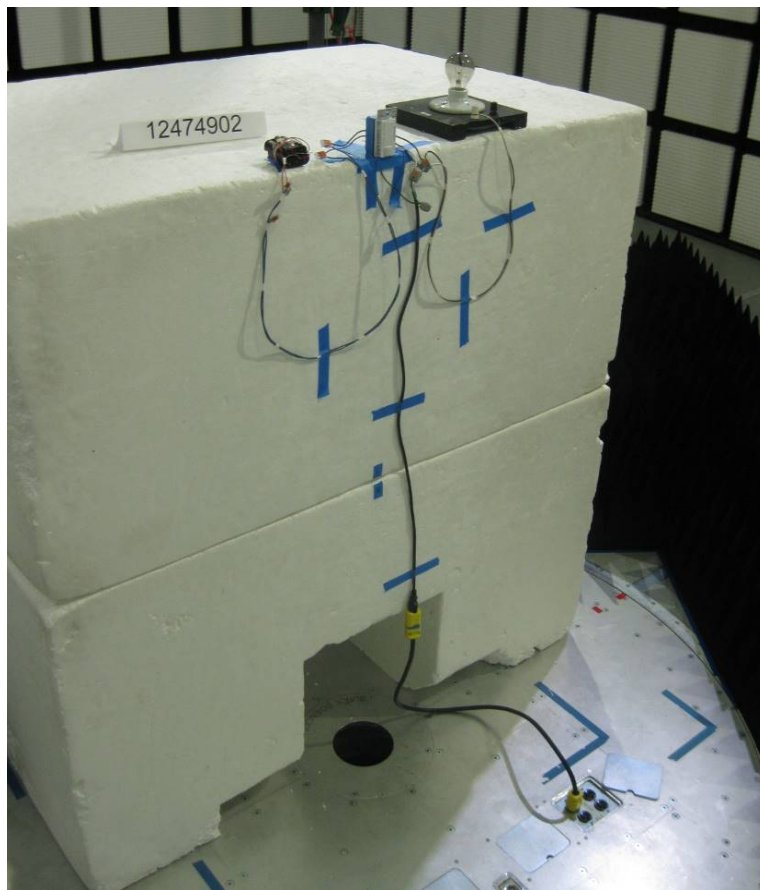


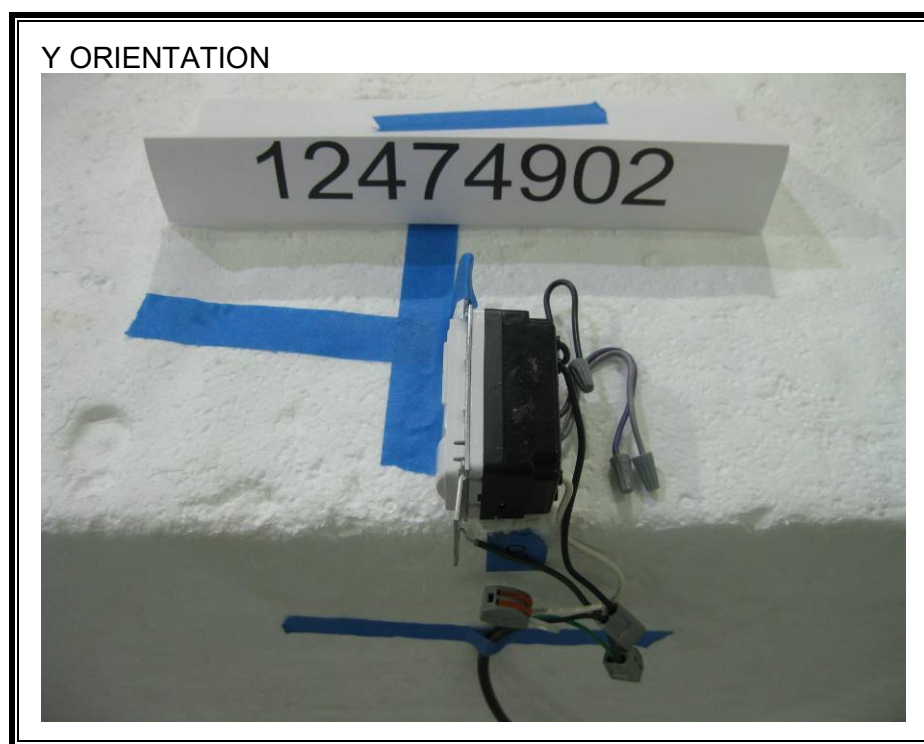
RADIATED EMISSIONS

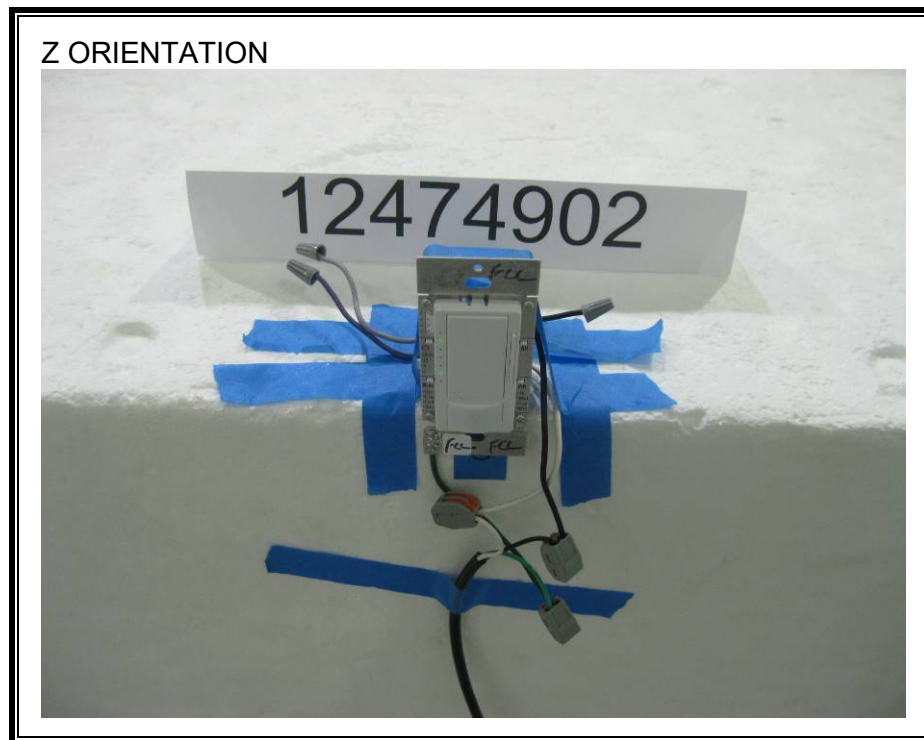
RADIATED EMISSIONS BELOW 1GHz



RADIATED EMISSIONS ABOVE 1GHz

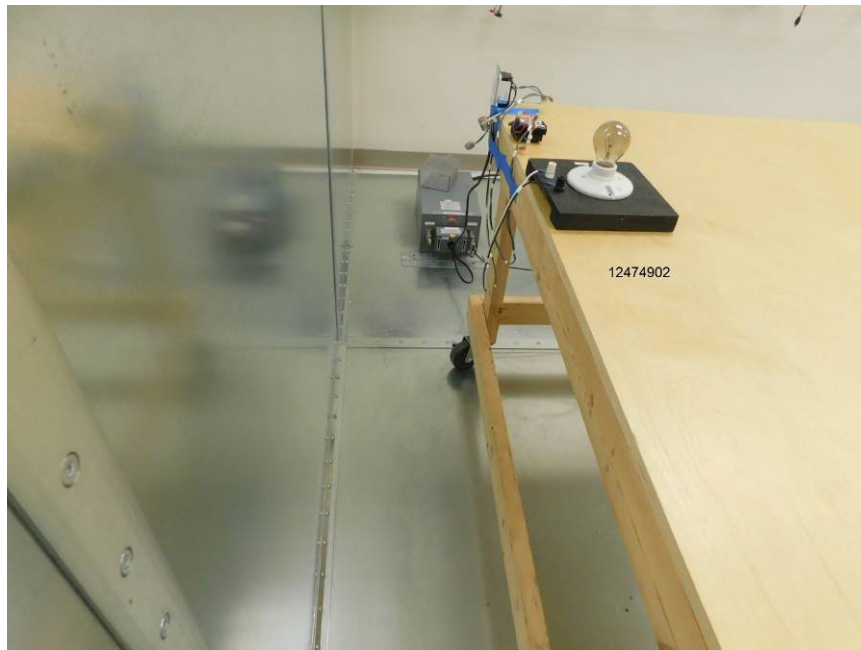
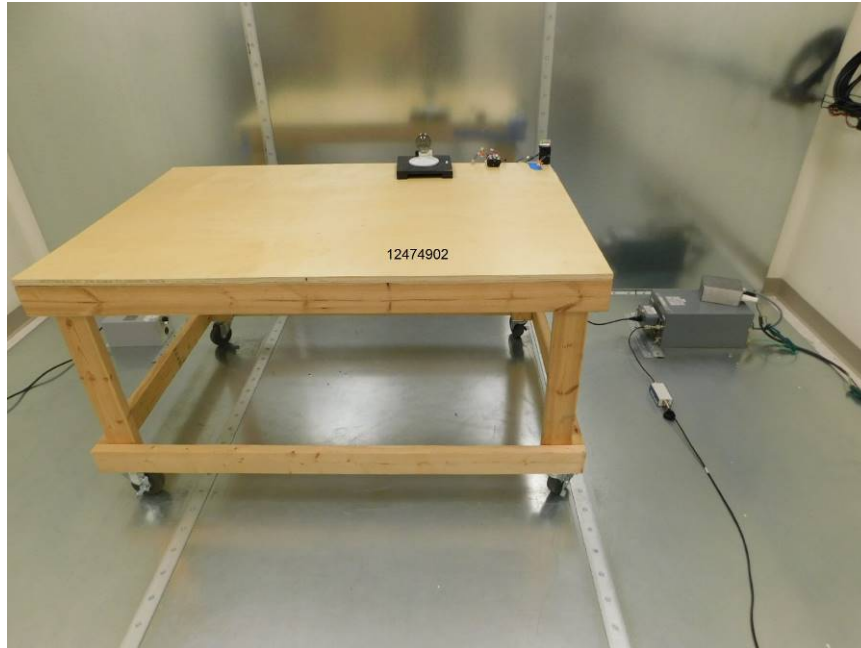






AC MAINS LINE CONDUCTED EMISSION

LINE CONDUCTED EMISSION



END OF TEST REPORT