



## **SETUP PHOTOS EXHBIT**

**Report Number. :** R13048573-E1

**Applicant :** LEVITON MFG CO INC  
20497 SW TETON  
PO BOX 2210  
TUALATIN, OR 97062-2210

**Model :** BLE-B8200 Modular Logic Board

**FCC ID :** 2ASLN-IDZ01

**IC :** 25037-IDZ01

**EUT Description :** BLE-8200 BLE Logic Board

**Test Standard(s) :** FCC 47 CFR PART 15 SUBPART C  
ISED RSS-247 ISSUE 2  
ISED RSS-GEN ISSUE 5

**Date Of Issue:**

2020-03-04

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## REPORT REVISION HISTORY

Ver.	Issue Date	Revisions	Revised By
1	2020-03-04	Initial Issue	Cristian Melara

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# 1. EQUIPMENT UNDER TEST

## 1.1. EUT DESCRIPTION

Three different product models were tested. The ODD10-000-IDZ is a Provolt PIR Wallbox Sensor, On/Off and 0-10V Dimming Control. The ODS15-000-IDZ is a Provolt PIR Wallbox Sensor, On/Off Control. The ODD24-000-IDZ is a Provolt PIR Wallbox Sensor, 12-24V input, On/Off and 0-10V Dimming Control. Each product model contains the same Wall Station Controller logic board B8200 that holds a 2.4GHz BLE radio.

## 1.2. DESCRIPTION OF TEST SETUP

### SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
76021	DC Regulated Power Supply	CircuitSpecialists.Com	CSI3005X5	N/A
Light Bulb Load	General Electric	120V/100W Bulbs	Non-serialized	N/A

### I/O CABLES

#### ODD10

Port #	Name	Type*	Cable Max. >3m (Y/N)	Cable Shielded (Y/N)	Comments
0	Enclosure	N/E	—	—	None
1	Line (in)	AC	N	N	None
2	Ground	I/O	N	N	None
3	Neutral	I/O	N	N	Connected to AC mains and Load setup
4	Load	I/O	N	N	Connected to Light Bulb load
5	0-10V Load	I/O	N	N	Terminated with 1kOhm resistor per manufacturer request
6	0-10V Load	I/O	N	N	Terminated with 1kOhm resistor per manufacturer request

\*Note:

AC = AC Power Port      DC = DC Power Port      N/E = Non-Electrical  
I/O = Signal Input or Output Port (Not Involved in Process Control)  
TP = Telecommunication Ports

## ODS15

Port #	Name	Type*	Cable Max. >3m (Y/N)	Cable Shielded (Y/N)	Comments
0	Enclosure	N/E	—	—	None
1	Line (in)	AC	N	N	None
2	Ground	I/O	N	N	None
3	Neutral	I/O	N	N	Connected to AC mains and Load setup
4	Load	I/O	N	N	Connected to Light Bulb load
*Note: AC = AC Power Port      DC = DC Power Port      N/E = Non-Electrical I/O = Signal Input or Output Port (Not Involved in Process Control) TP = Telecommunication Ports					

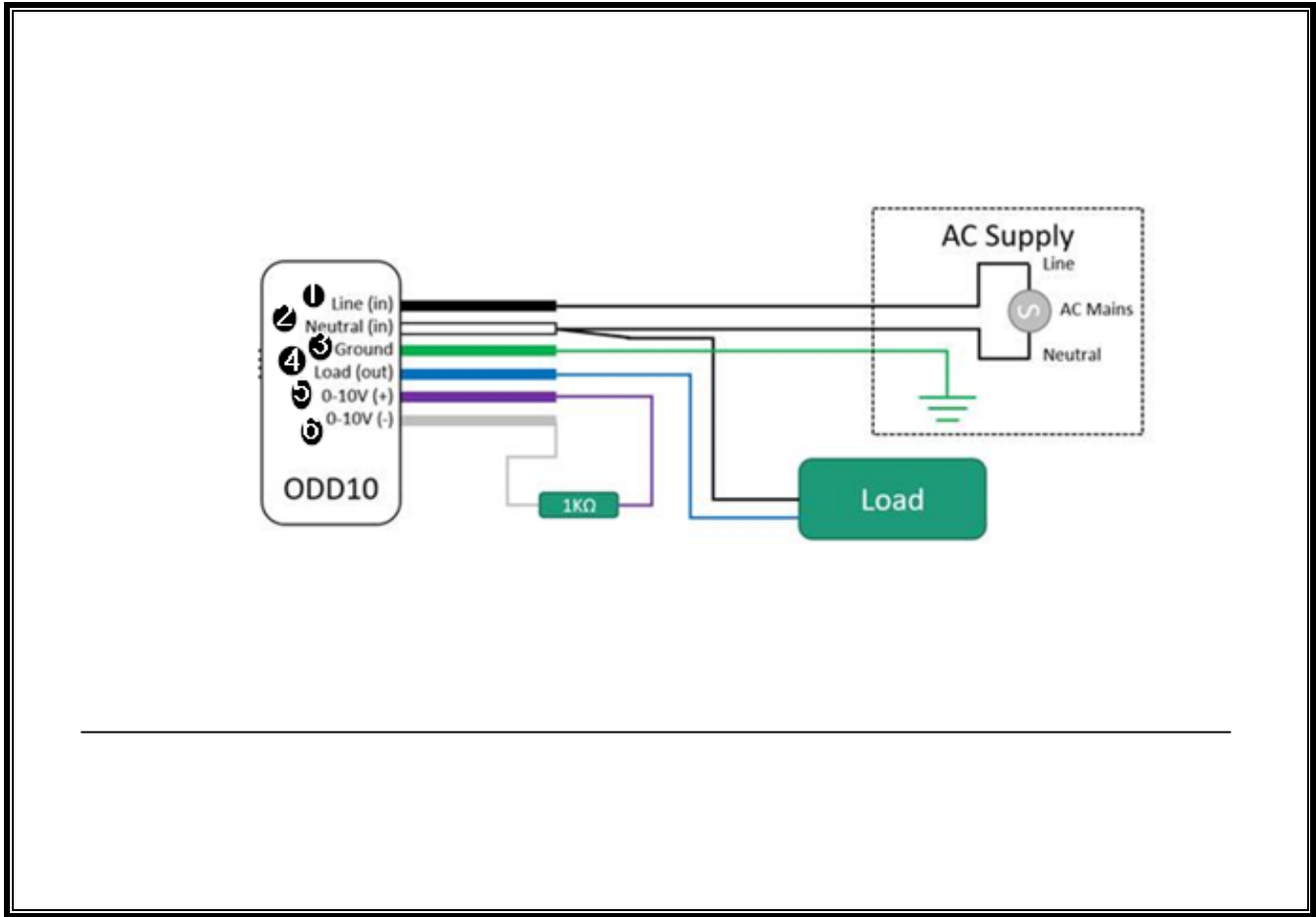
## ODD24

Port #	Name	Type*	Cable Max. >3m (Y/N)	Cable Shielded (Y/N)	Comments
0	Enclosure	N/E	—	—	None
1	Mains	DC	N	N	None
2	Mains	DC	N	N	None
3	Light OCC	I/O	N	N	Terminated with 26kOhm resistor per manufacturer request
4	Plug OCC	I/O	N	N	Terminated with 26kOhm resistor per manufacturer request
5	Ground	I/O	N	N	None
6	0-10V Load	I/O	N	N	Terminated with 1kOhm resistor per manufacturer request
7	0-10V Load	I/O	N	N	Terminated with 1kOhm resistor per manufacturer request
*Note: AC = AC Power Port      DC = DC Power Port      N/E = Non-Electrical I/O = Signal Input or Output Port (Not Involved in Process Control) TP = Telecommunication Ports					

## **Setup Diagrams**

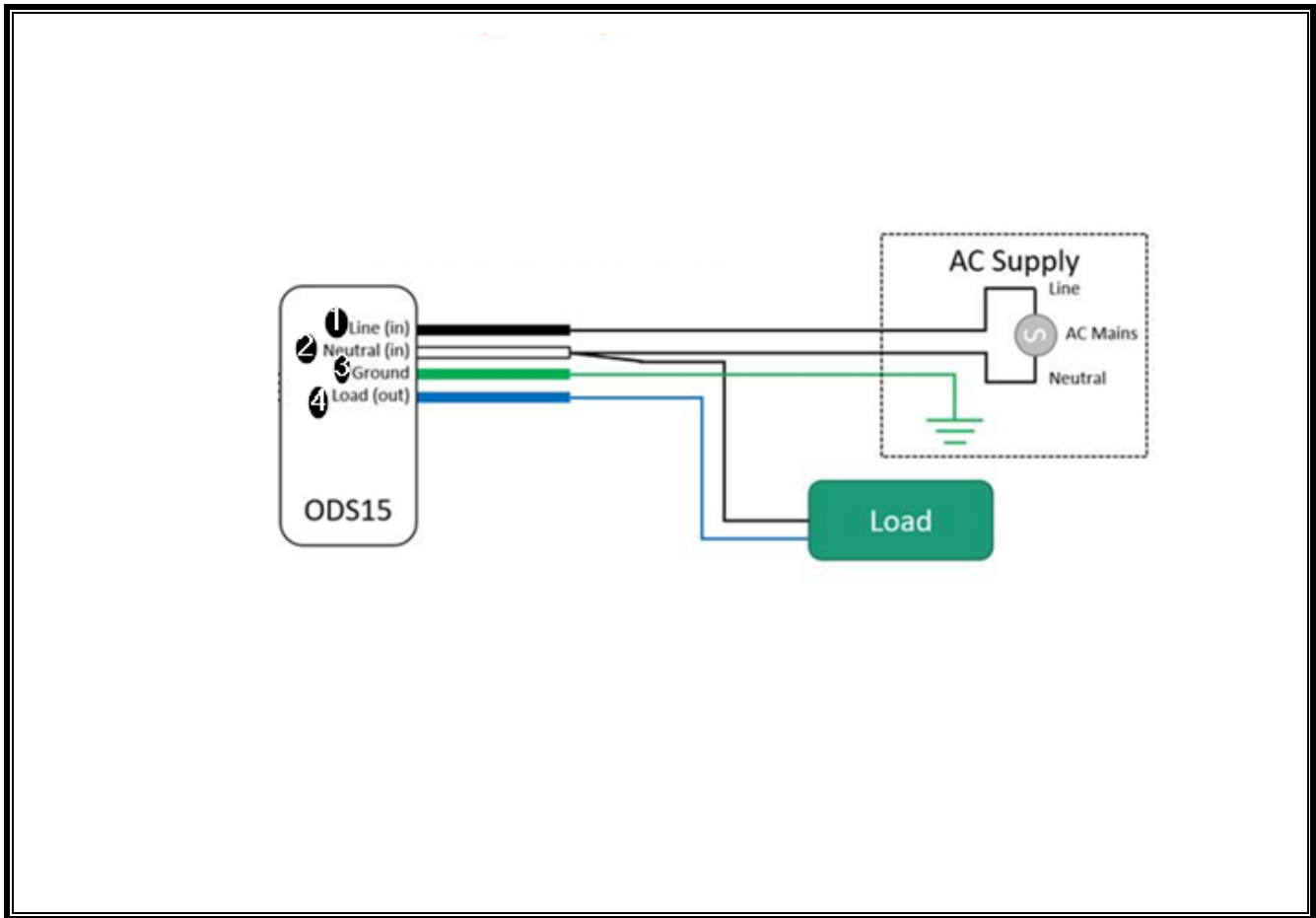
The diagram below illustrates the configuration of the equipment above.

### **ODD10**



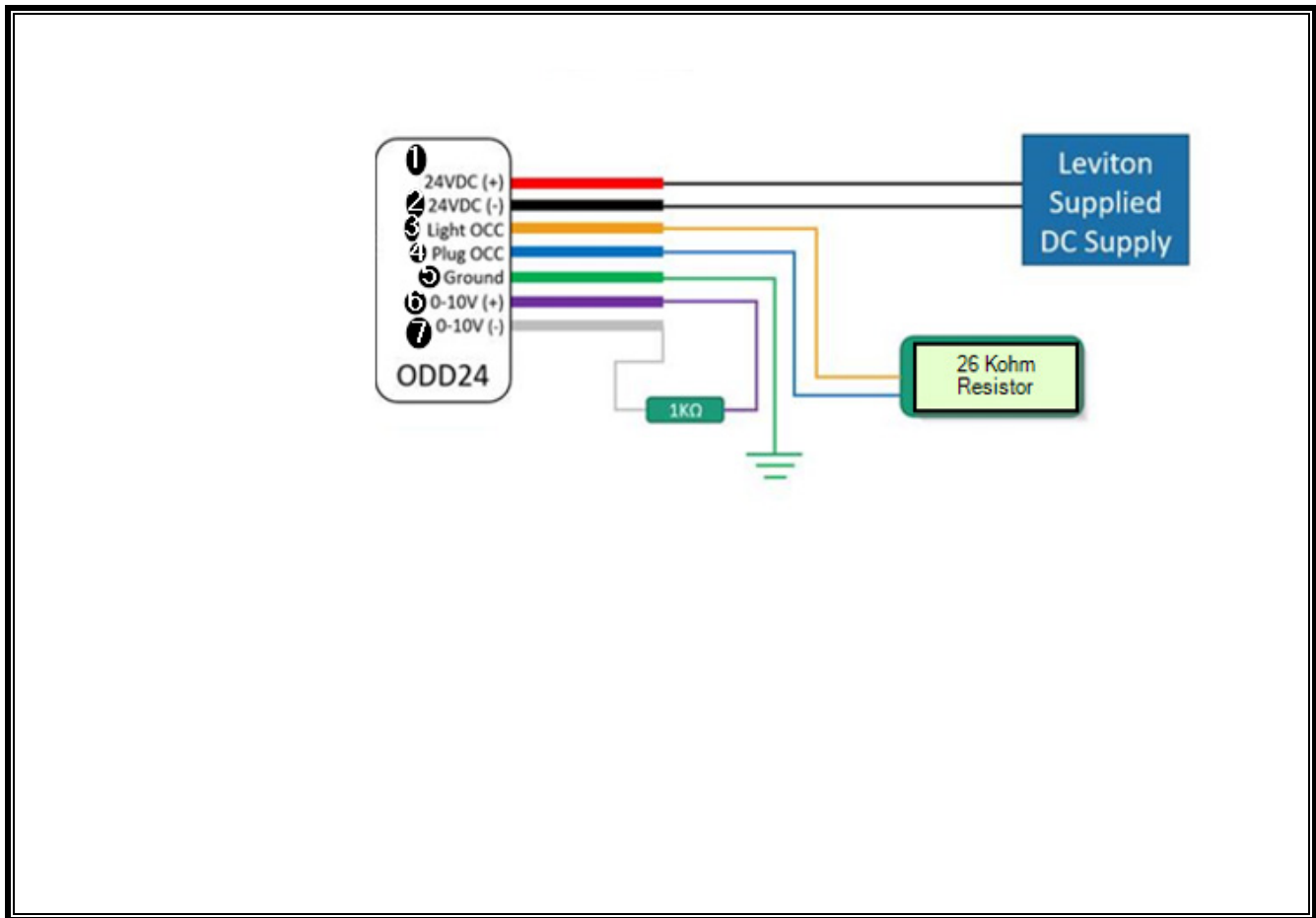
The diagram below illustrates the configuration of the equipment above.

**ODS15**



The diagram below illustrates the configuration of the equipment above.

**ODD24**

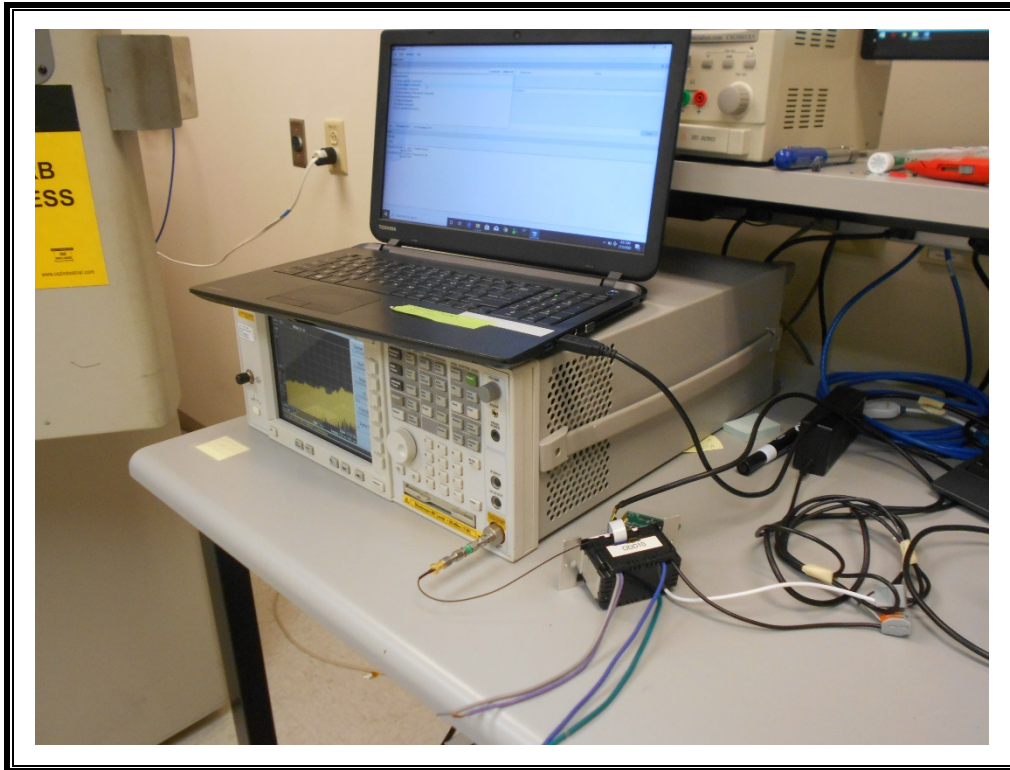




## 2. SETUP PHOTOS

### CONDUCTED MEASUREMENT SETUP

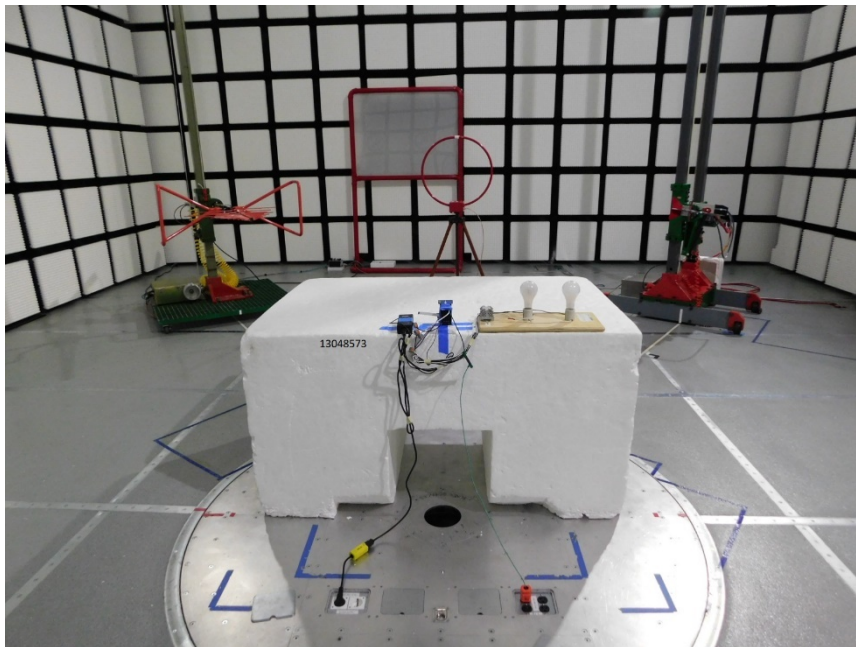
ODD10-000-IDZ



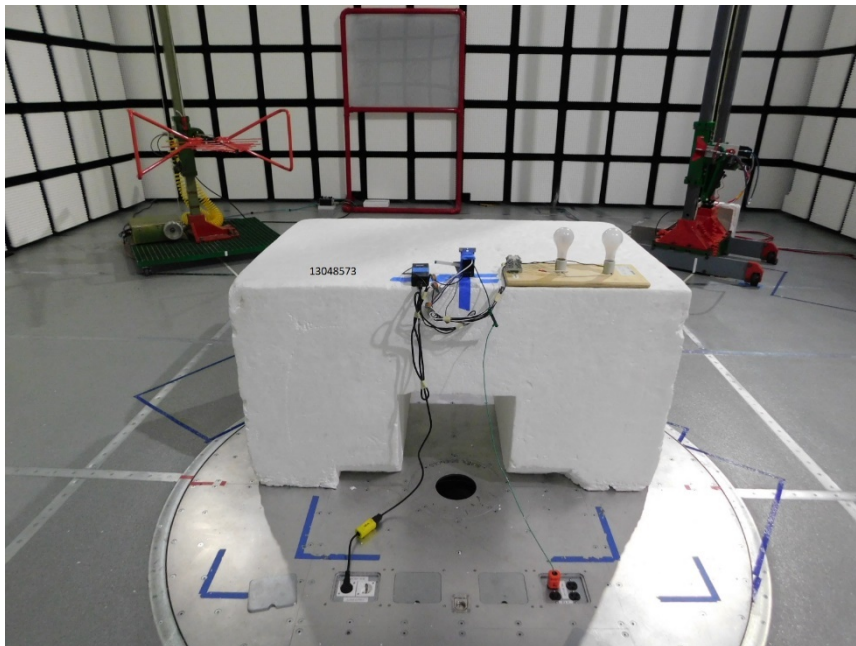
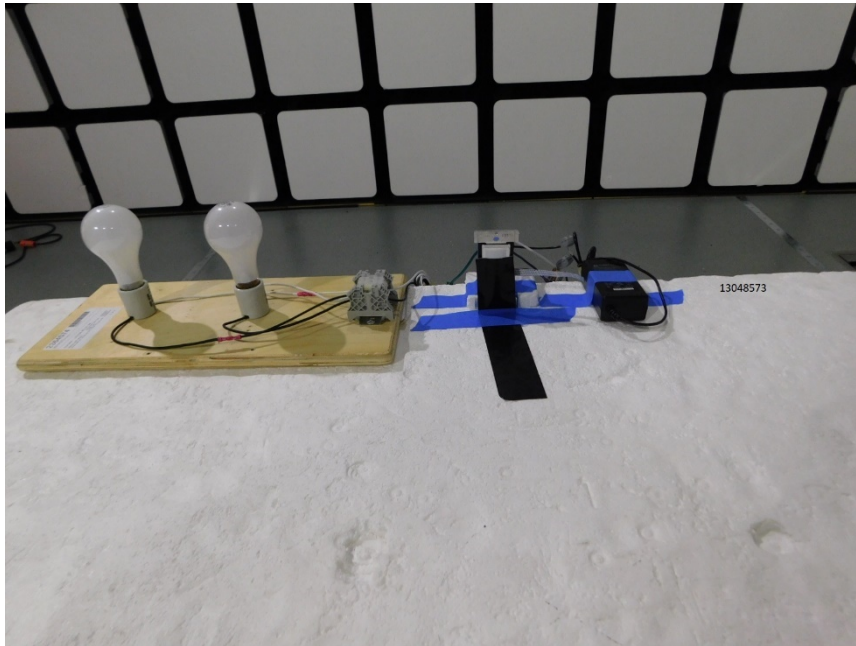
## RADIATED RF MEASUREMENT SETUP

### ODD10

RADIATED PHOTO (BELOW 30 MHz)

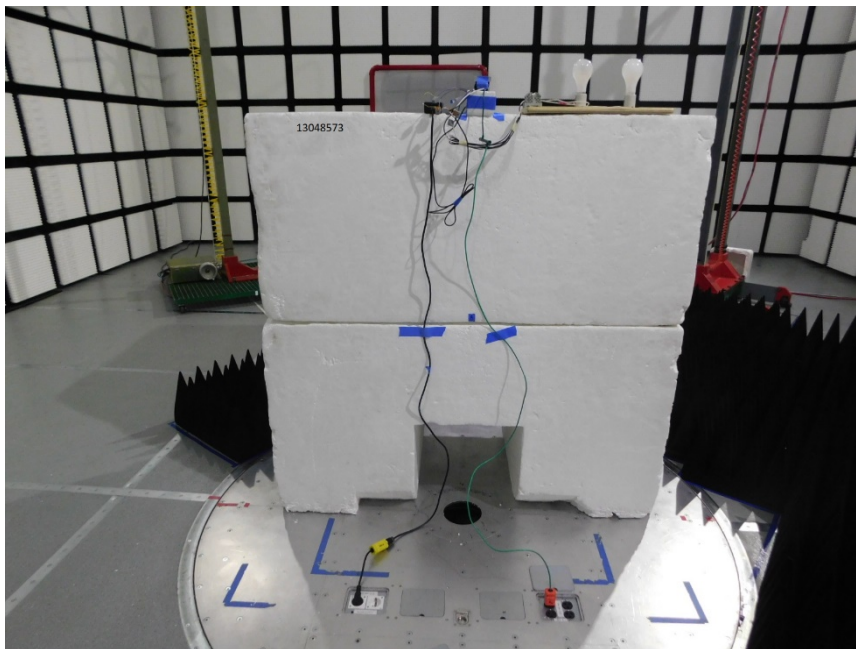
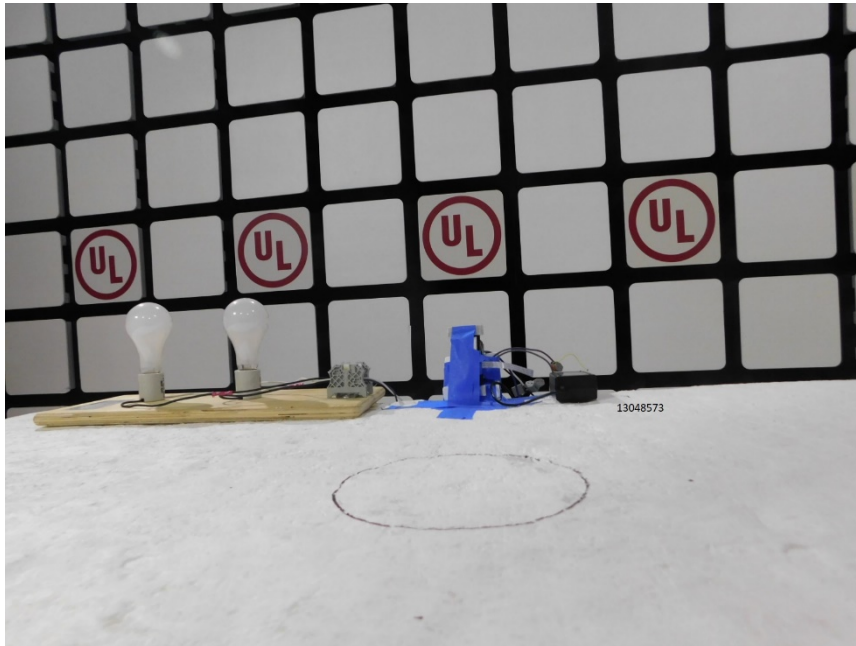


RADIATED PHOTO (BELOW 1 GHz)



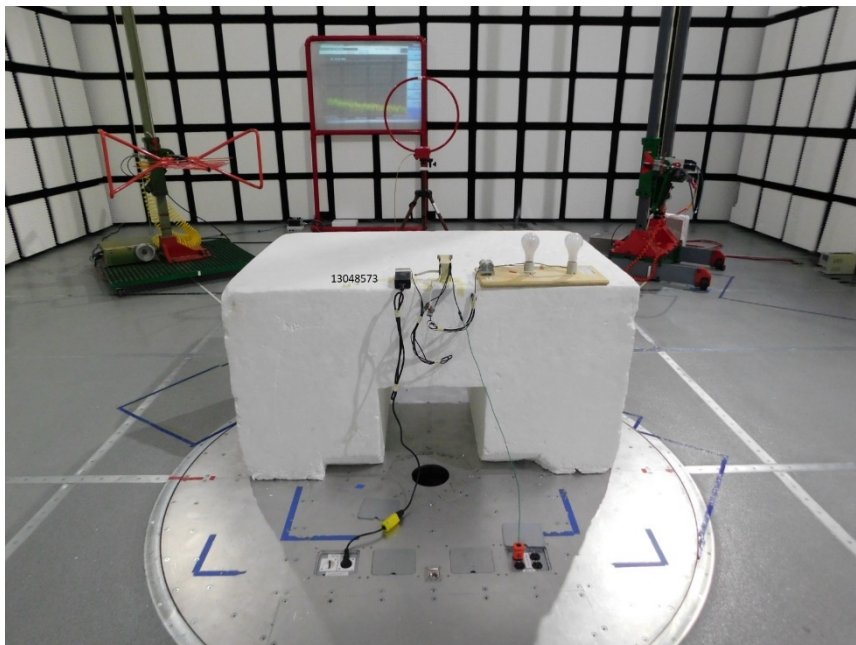


RADIATED PHOTO (ABOVE 1 GHz)

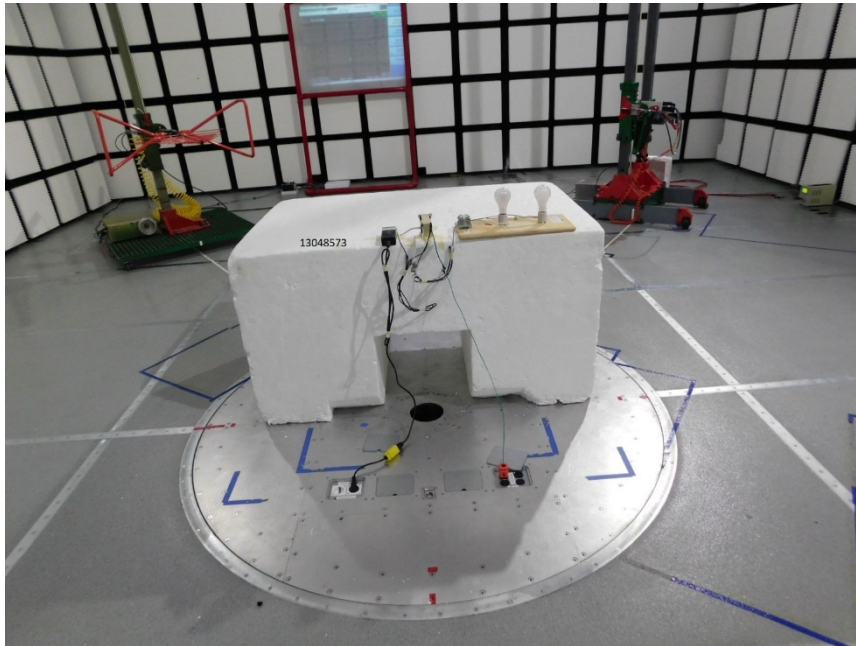
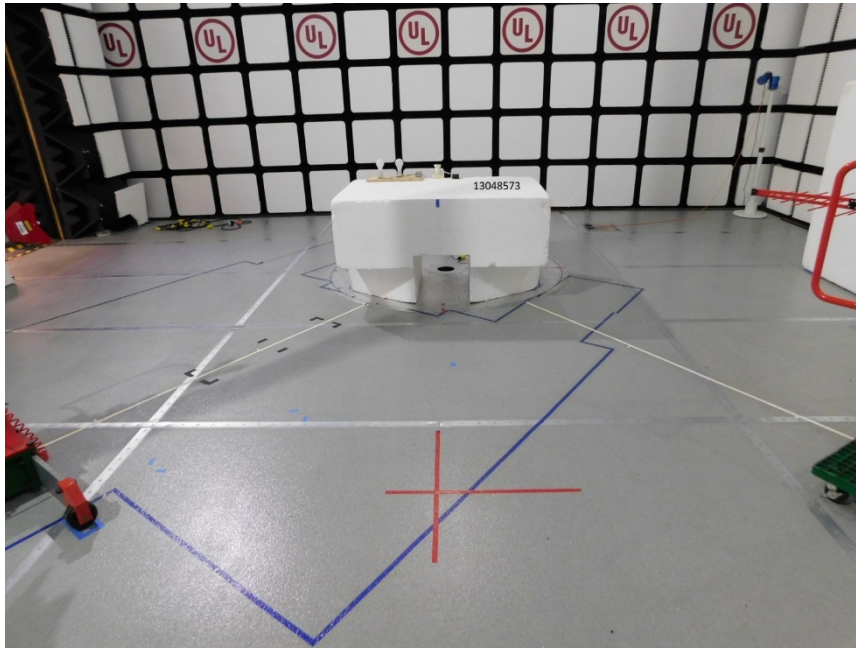


**ODS15**

RADIATED PHOTO (BELOW 30 MHz)

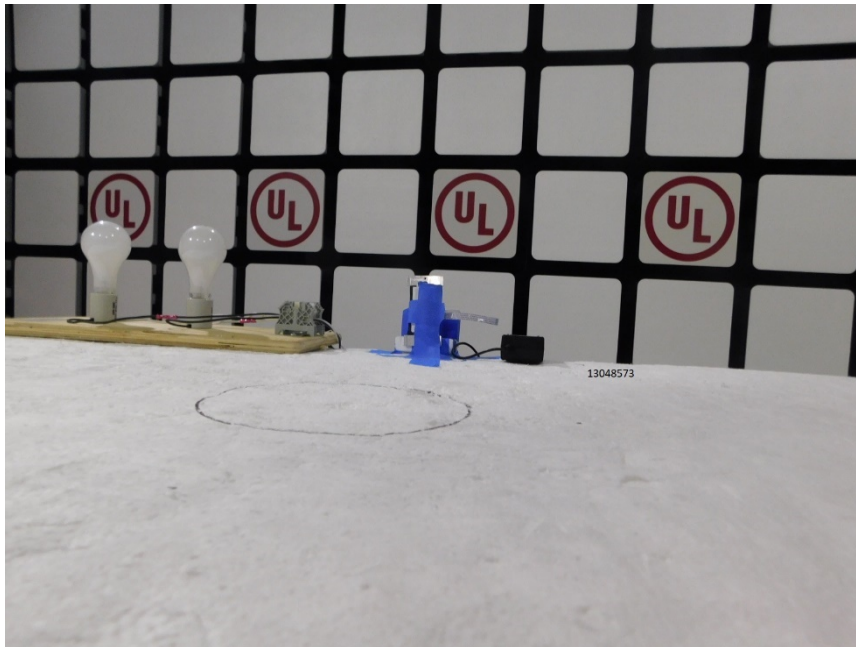
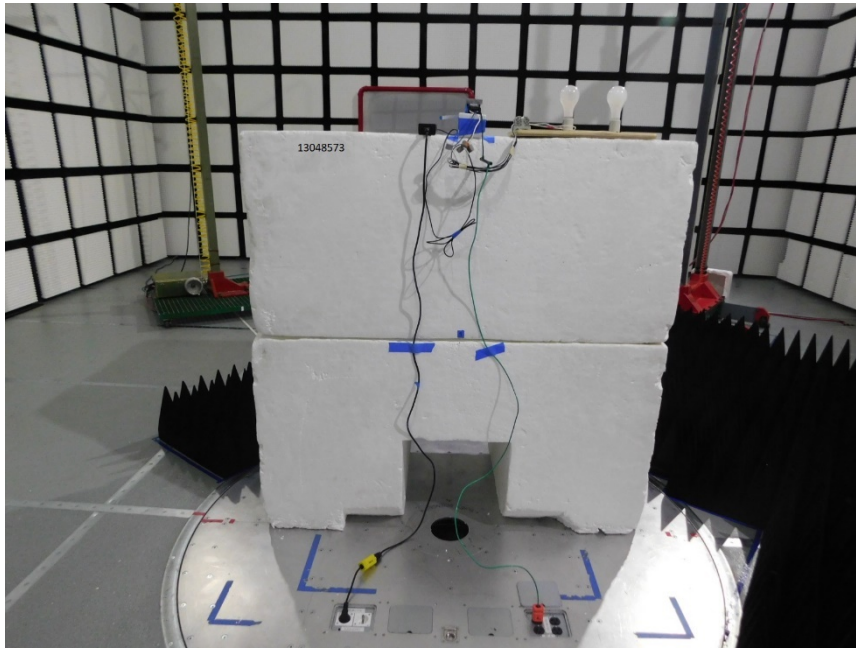


RADIATED PHOTO (BELOW 1 GHz)



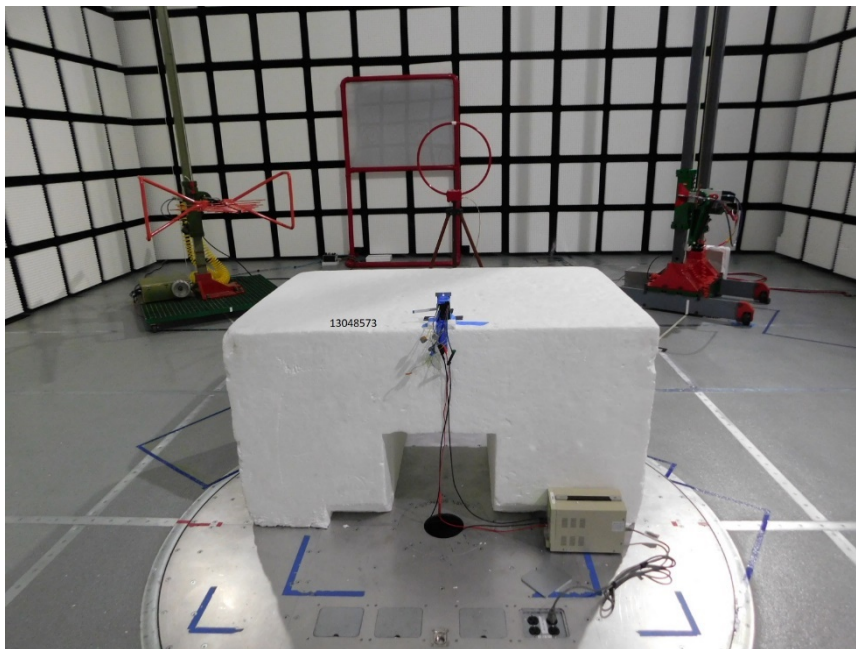
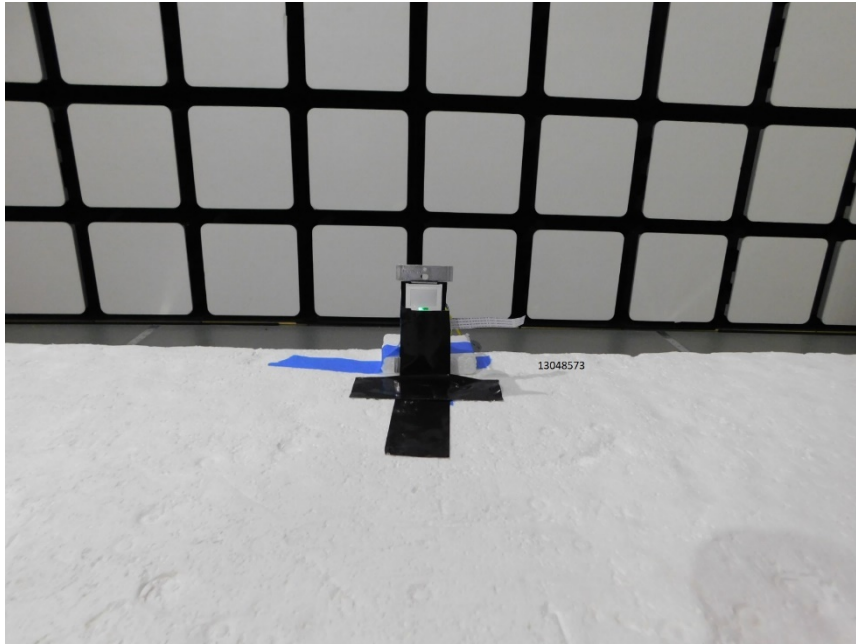


RADIATED PHOTO (ABOVE 1 GHz)



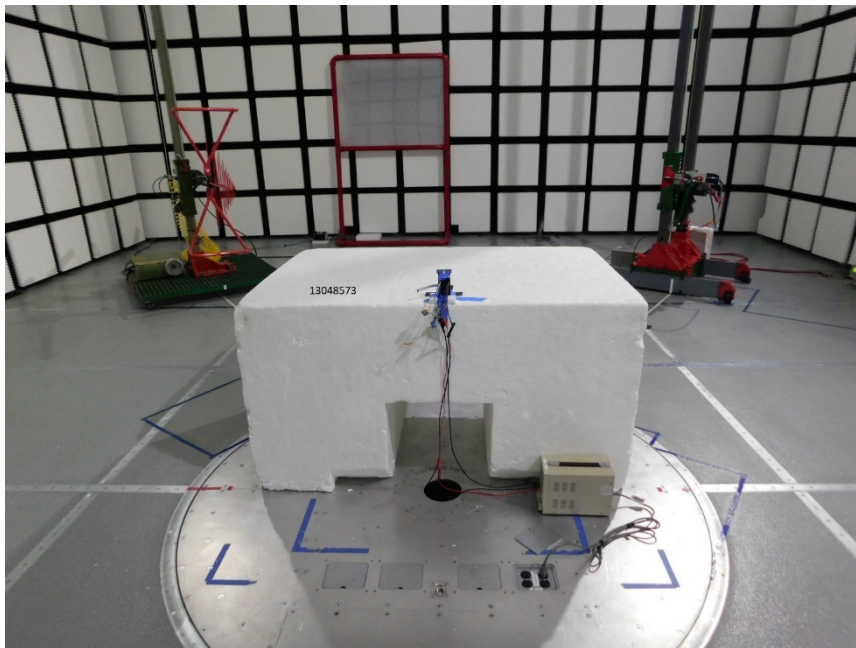
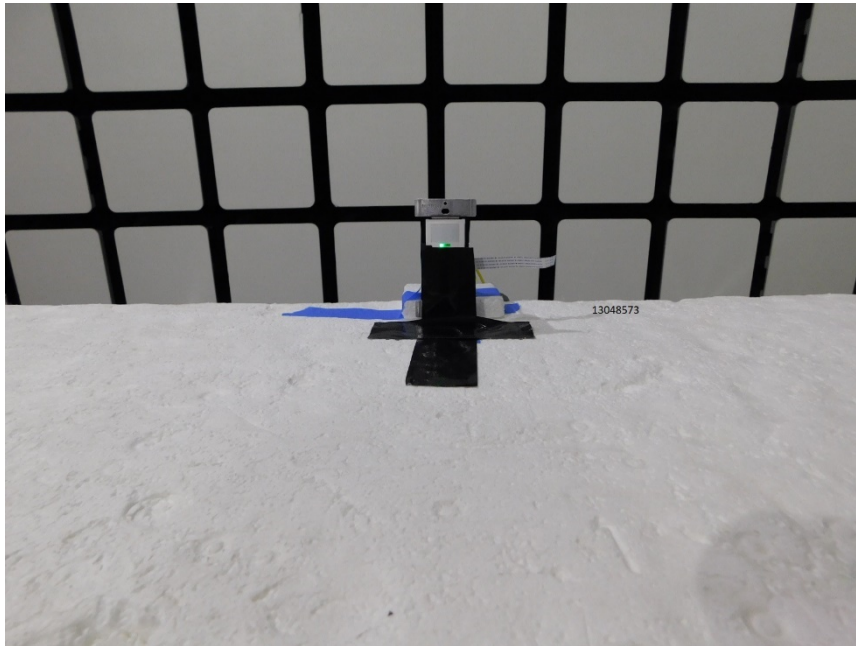
**ODD24**

RADIATED PHOTO (BELOW 30 MHz)

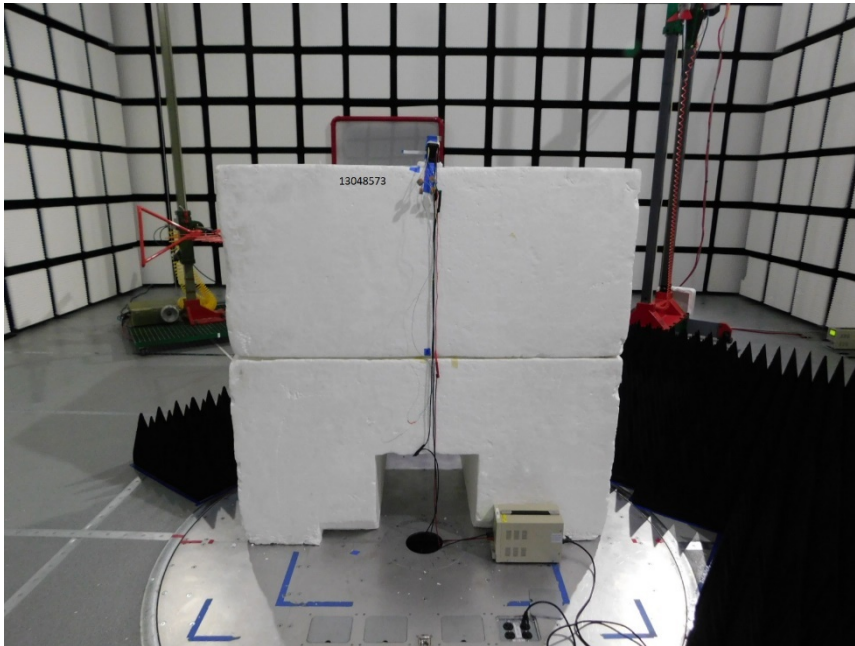
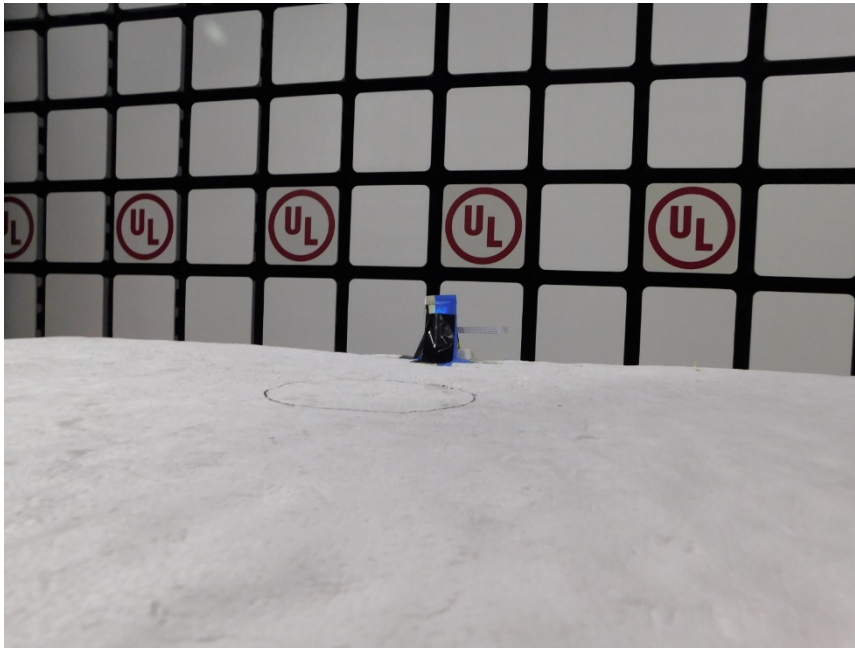




RADIATED PHOTO (BELOW 1 GHz)

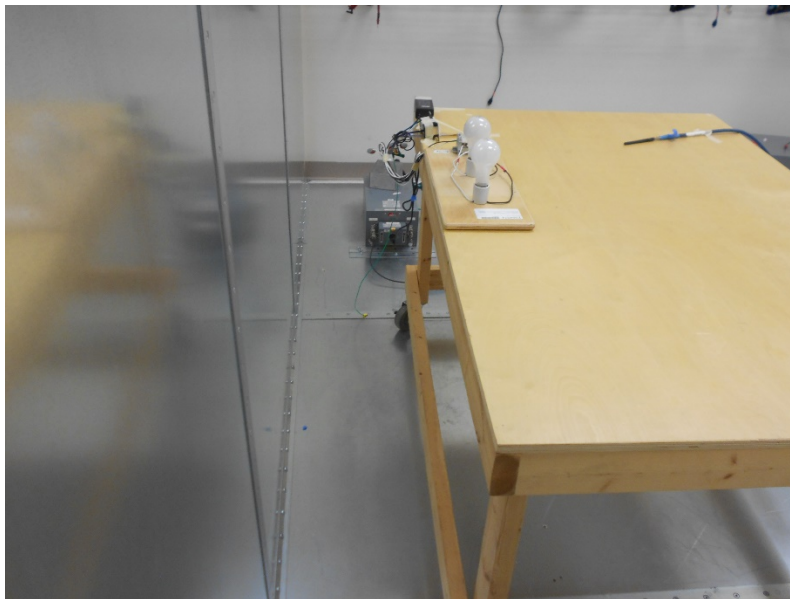
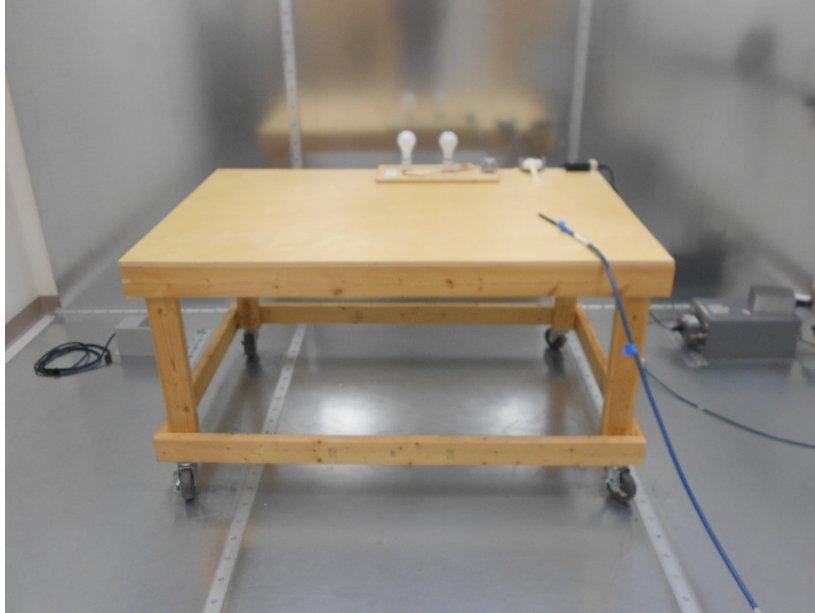


RADIATED PHOTO (ABOVE 1 GHz)



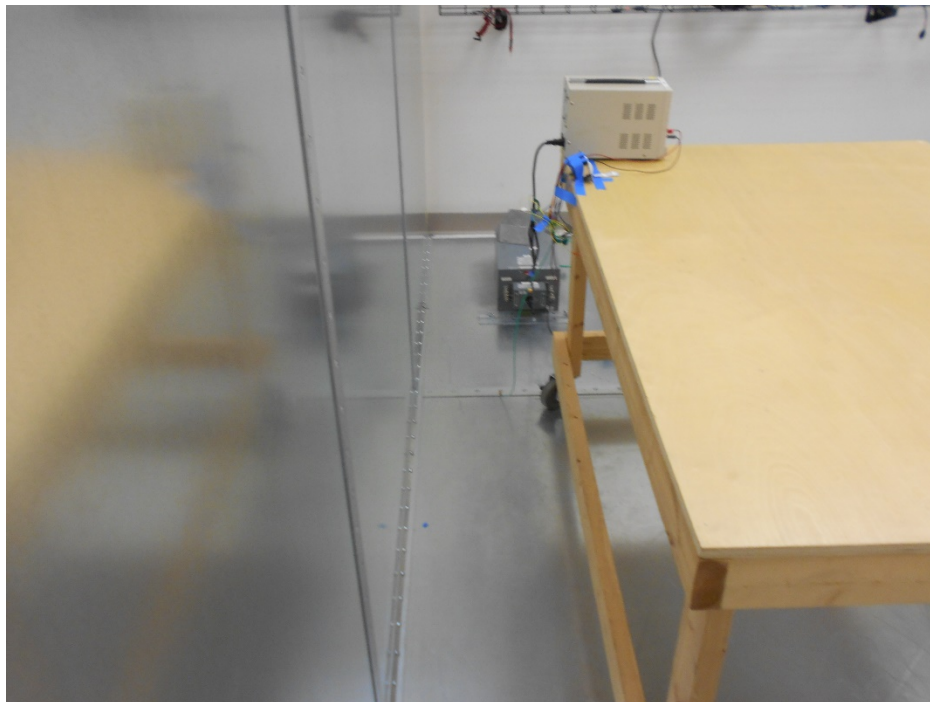
**AC MAINS LINE CONDUCTED MEASUREMENT SETUP**

**ODD10 & ODS15**





**ODD24**



## END OF TEST REPORT