



SETUP PHOTOS EXHIBIT

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

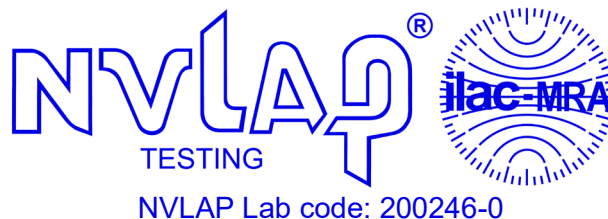
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NVLAP Lab code: 200246-0

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					

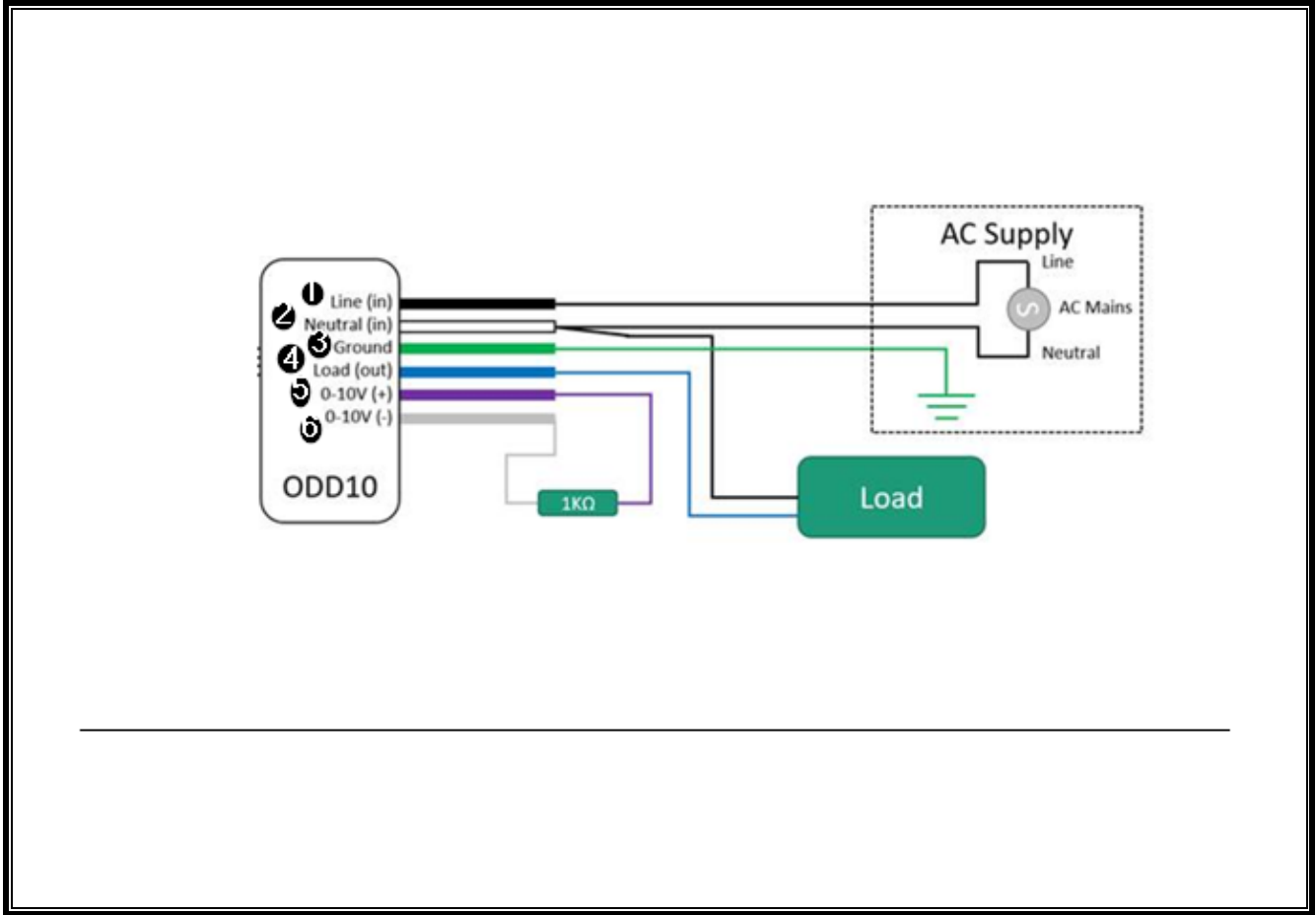
ODD24

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

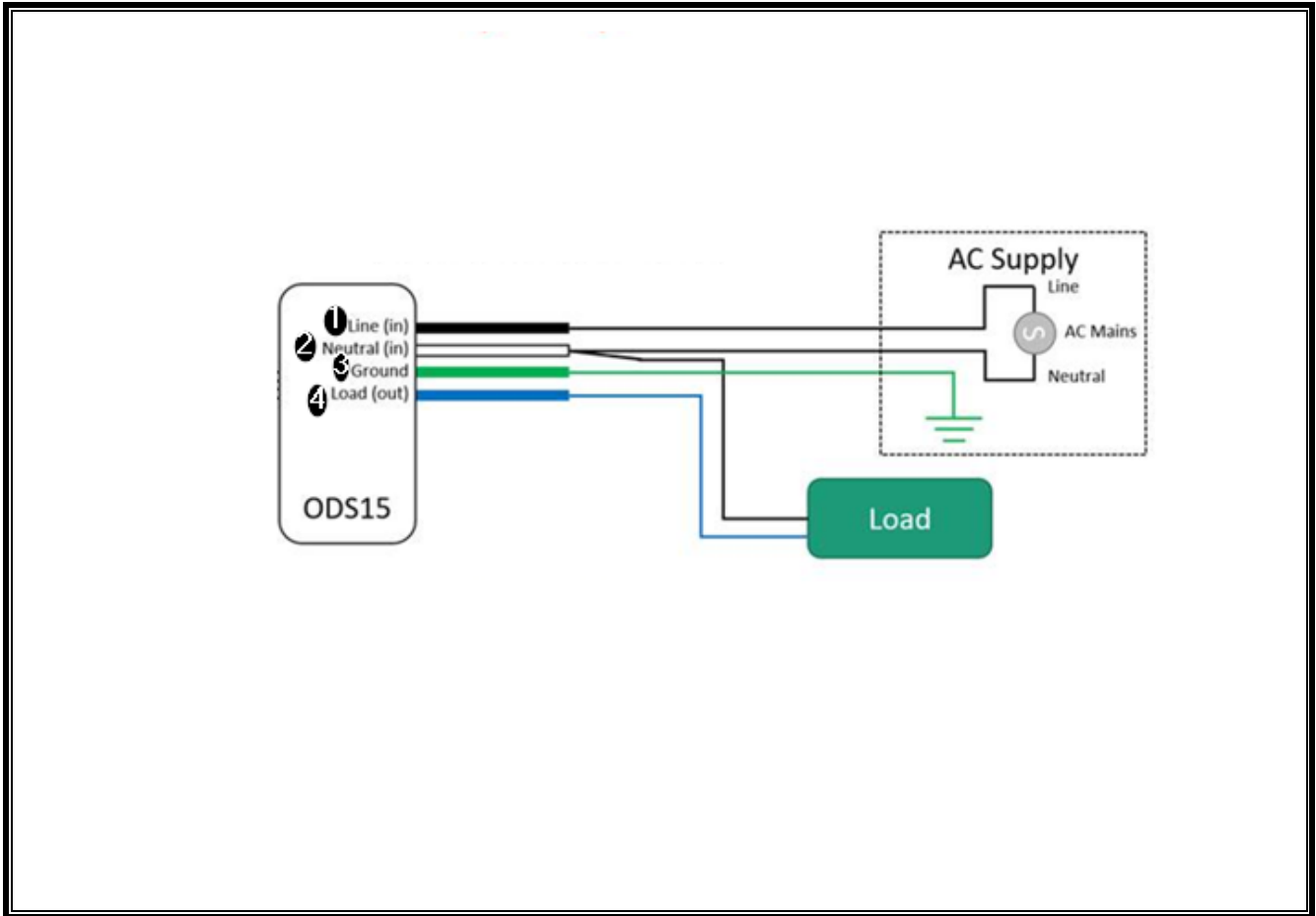
The diagram below illustrates the configuration of the equipment above.

ODD10



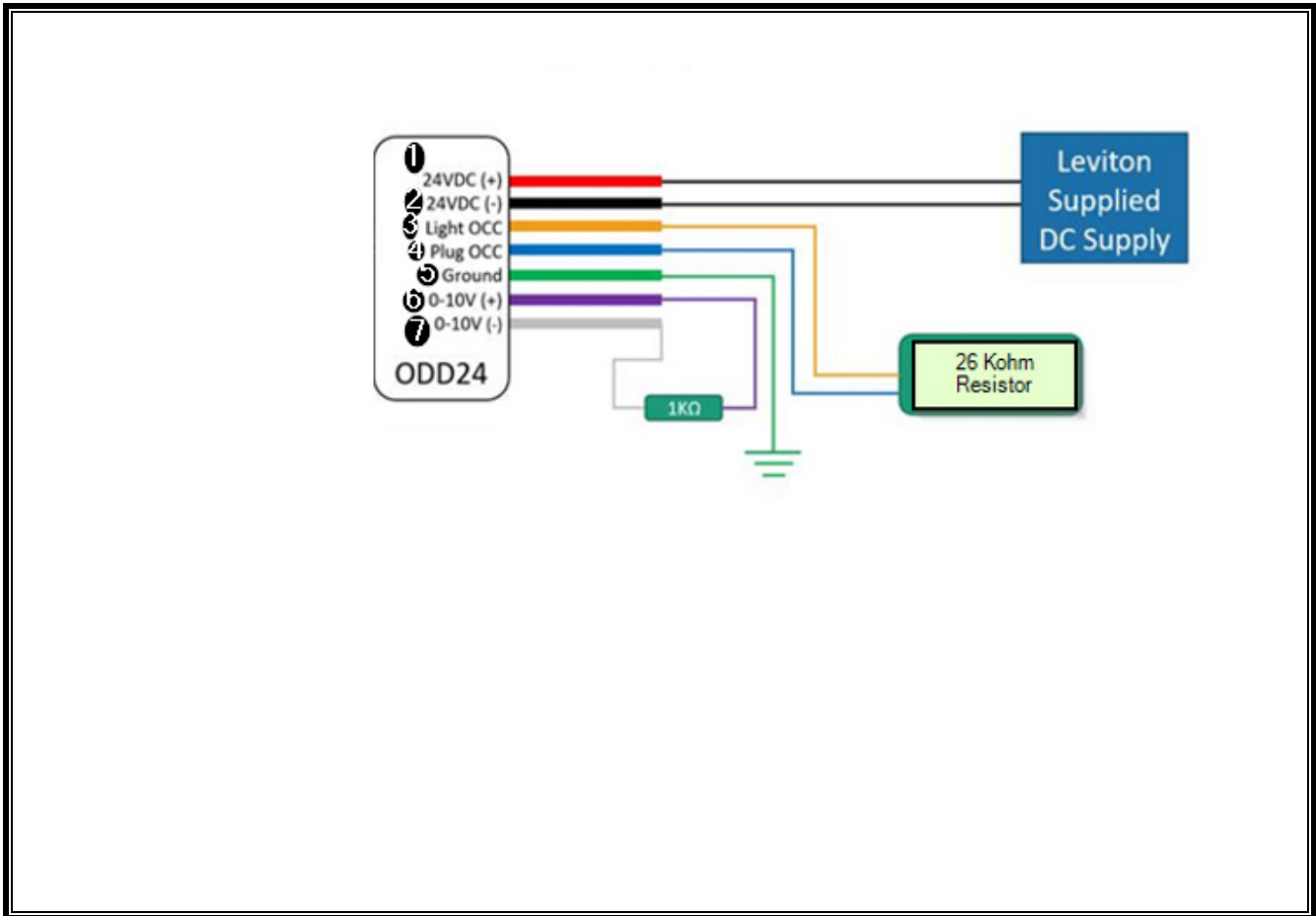
The diagram below illustrates the configuration of the equipment above.

ODS15



The diagram below illustrates the configuration of the equipment above.

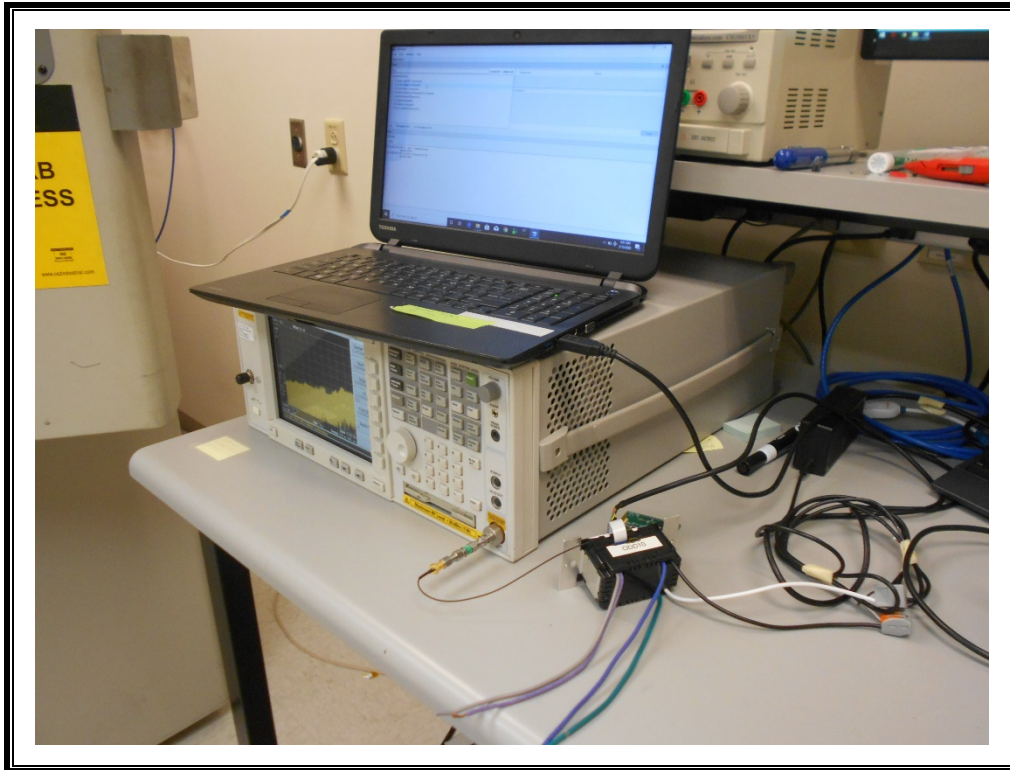
ODD24



2. SETUP PHOTOS

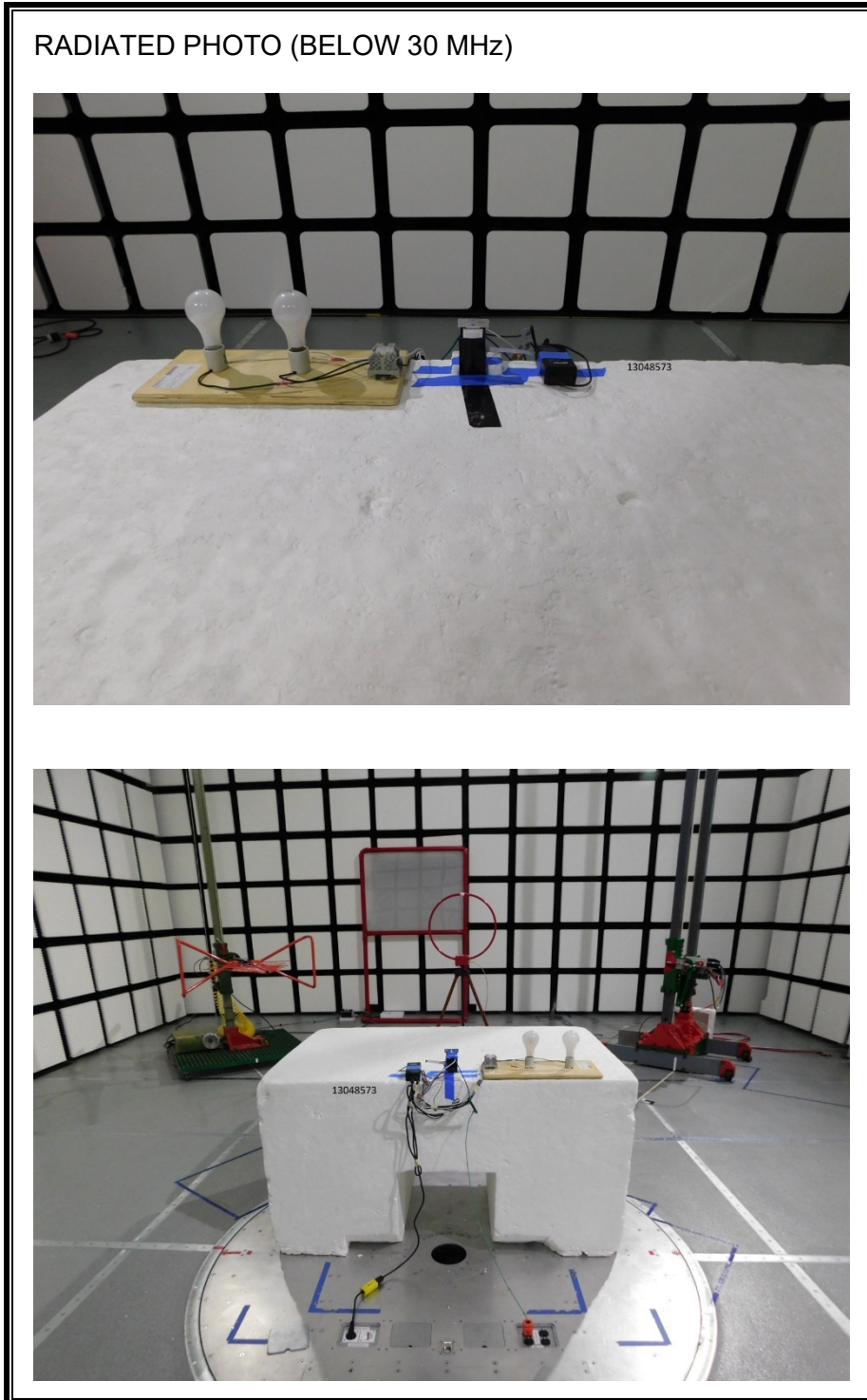
CONDUCTED MEASUREMENT SETUP

ODD10-000-IDZ

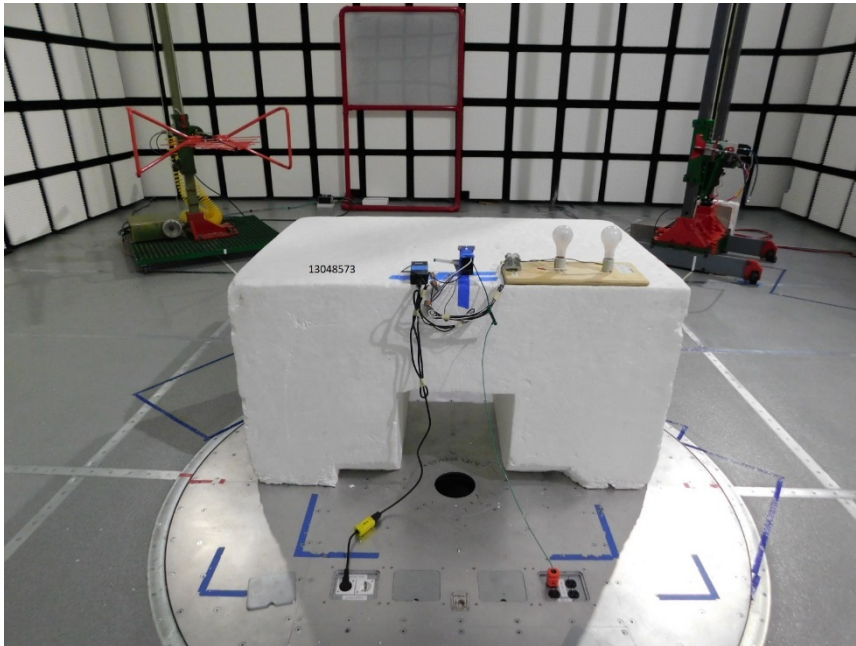
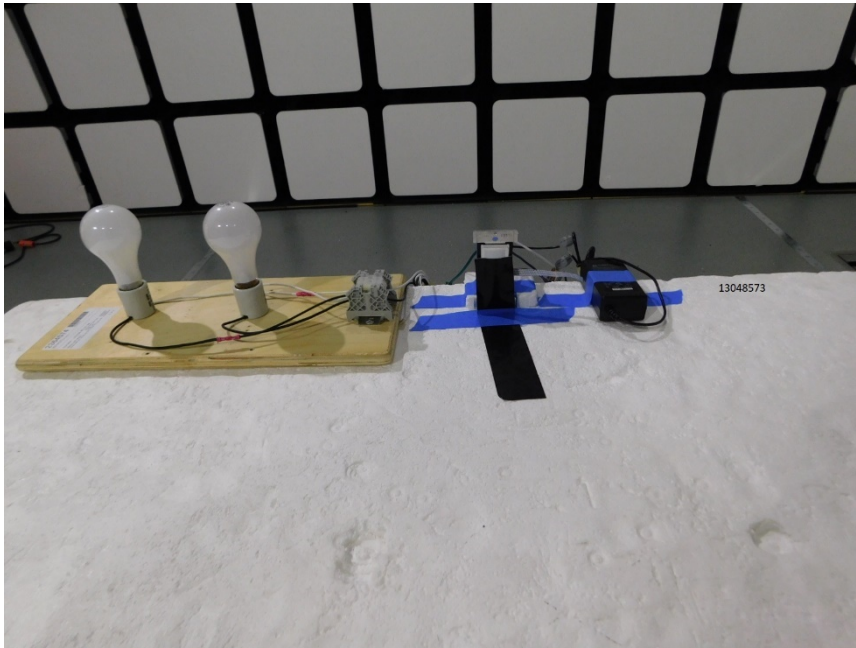


RADIATED RF MEASUREMENT SETUP

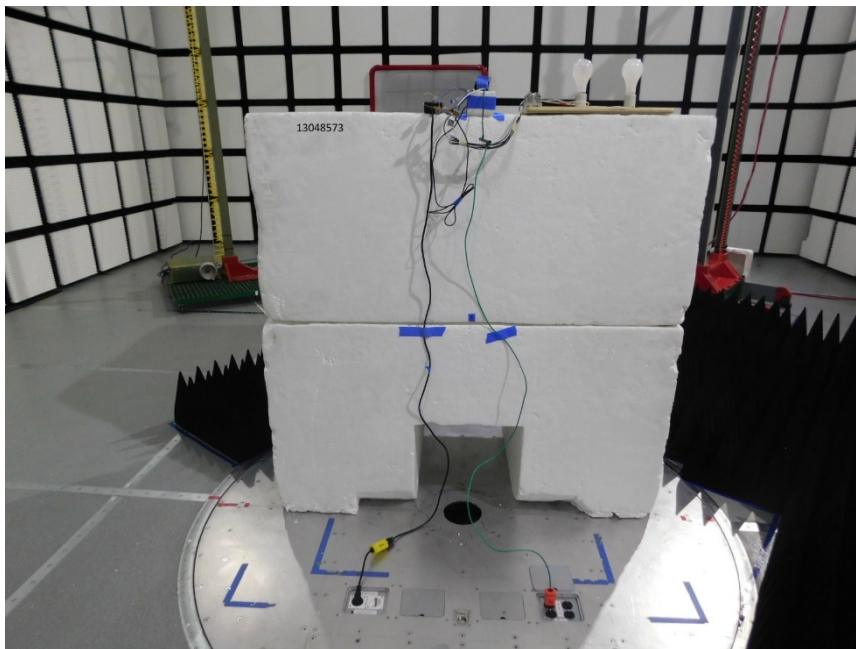
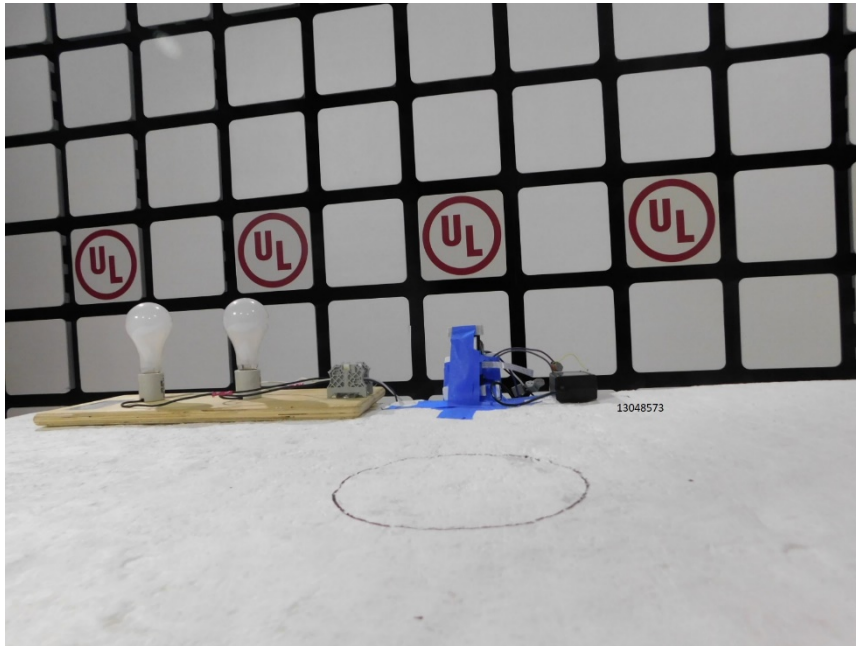
ODD10



RADIATED PHOTO (BELOW 1 GHz)

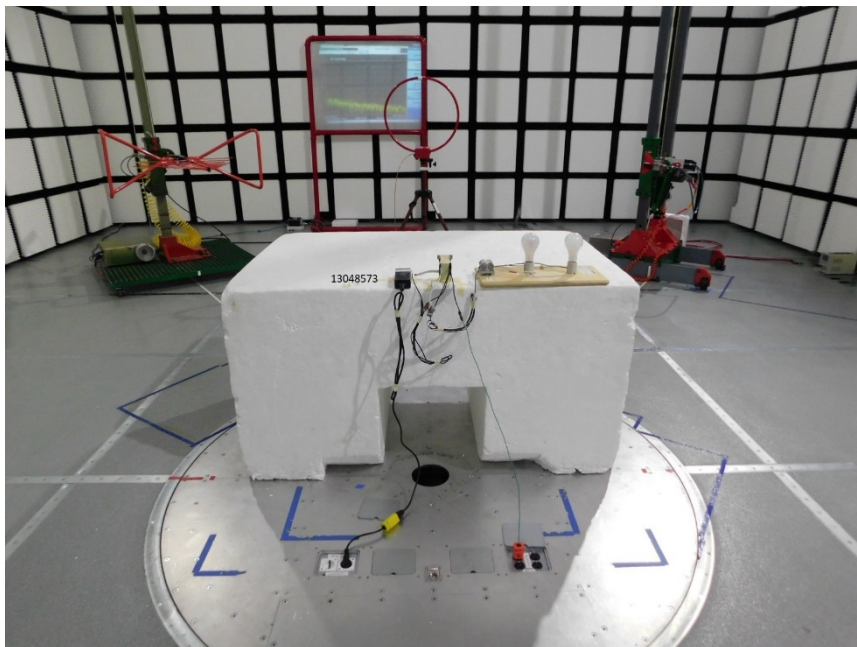


RADIATED PHOTO (ABOVE 1 GHz)

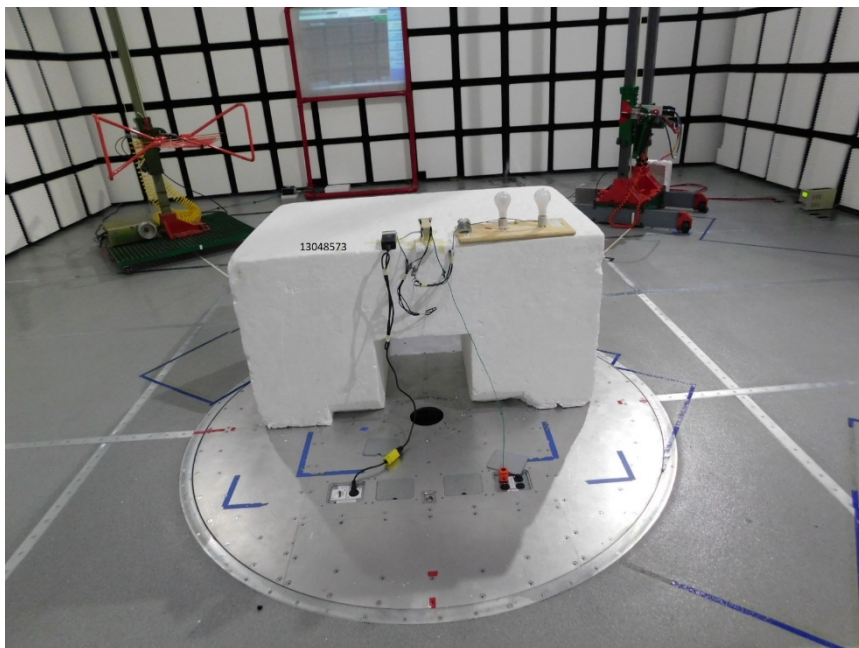
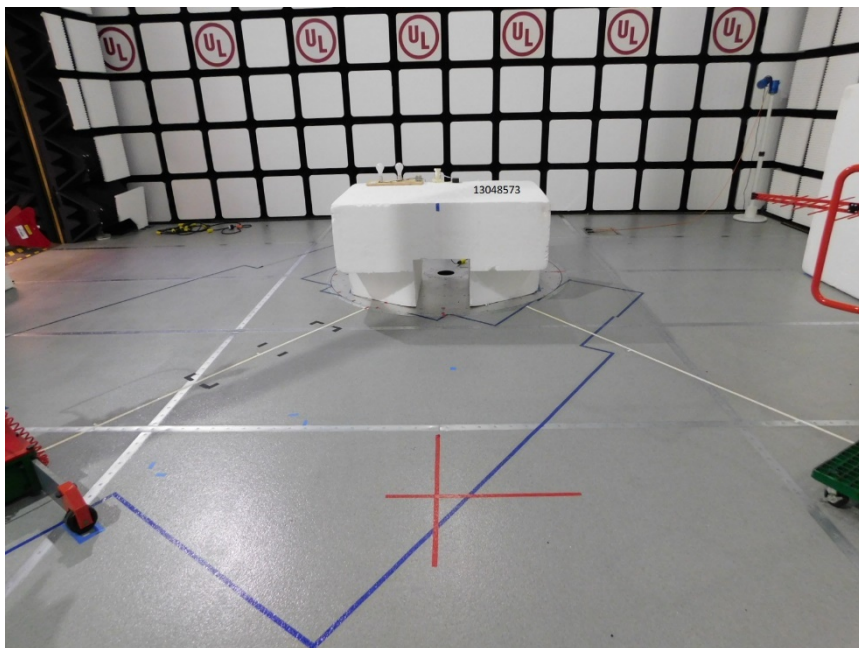


ODS15

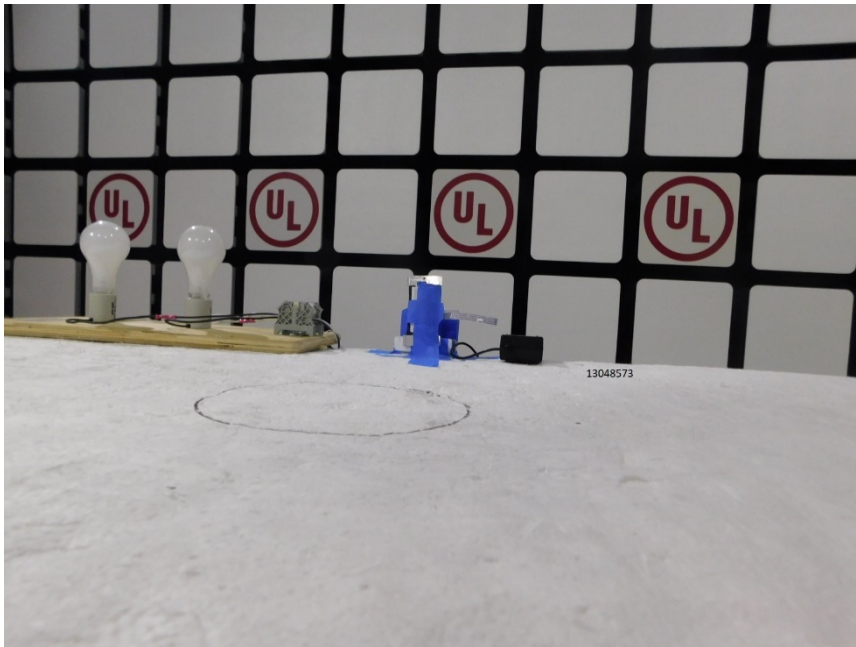
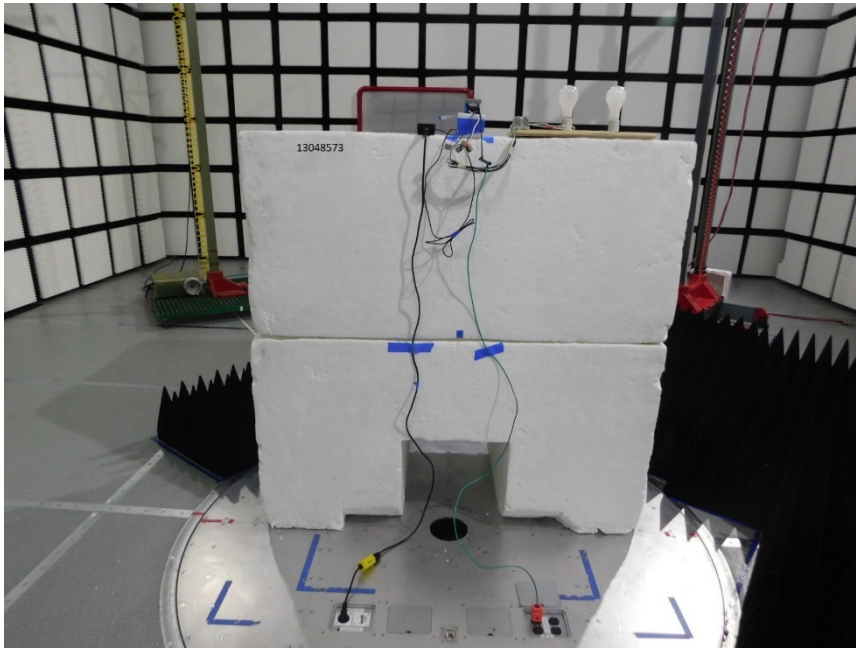
RADIATED PHOTO (BELOW 30 MHz)



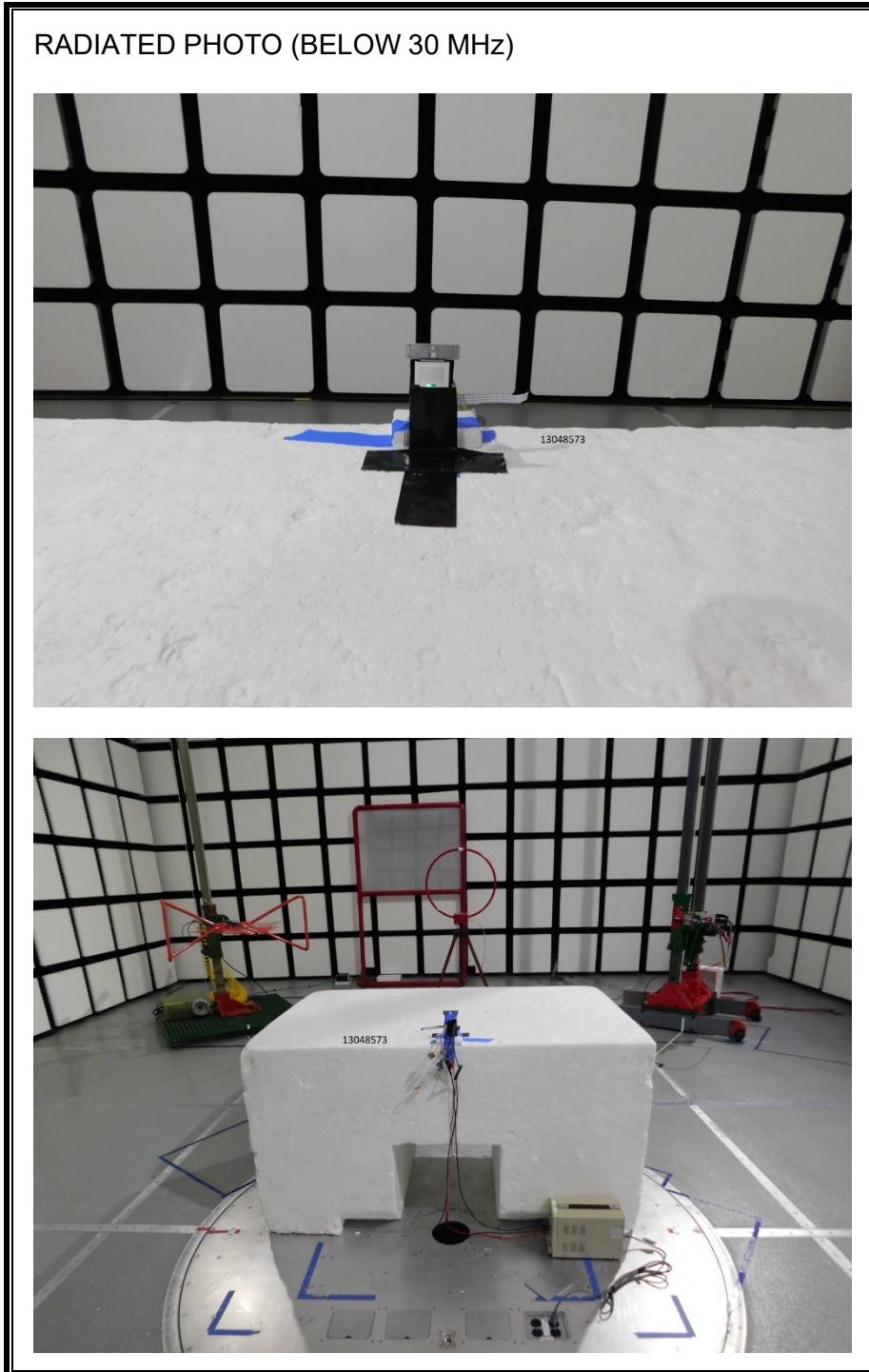
RADIATED PHOTO (BELOW 1 GHz)



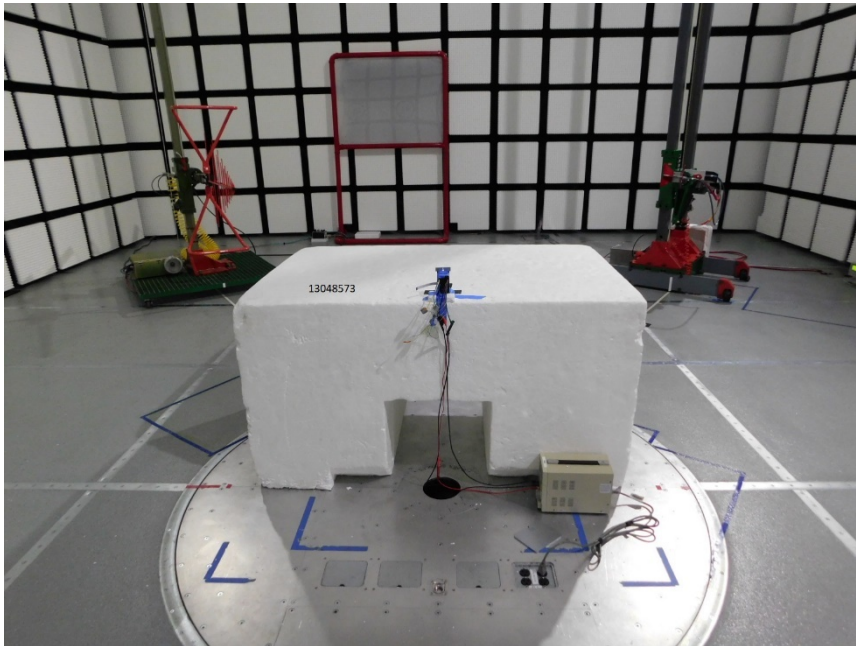
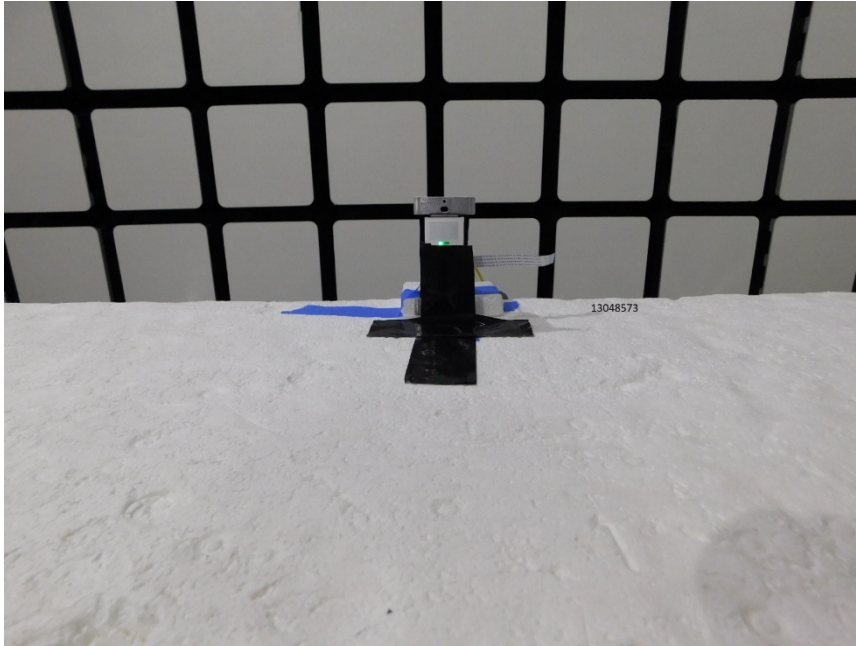
RADIATED PHOTO (ABOVE 1 GHz)



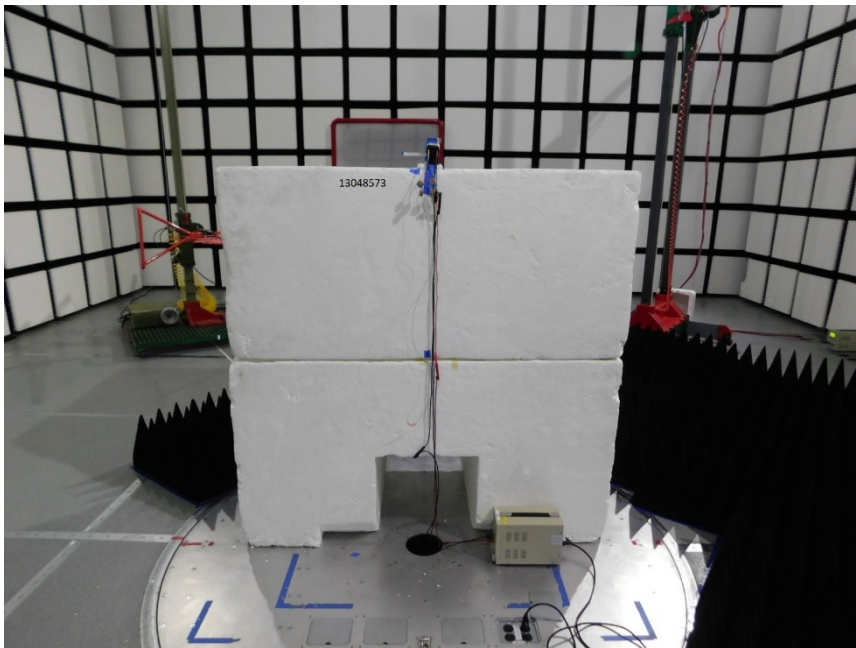
ODD24



RADIATED PHOTO (BELOW 1 GHz)

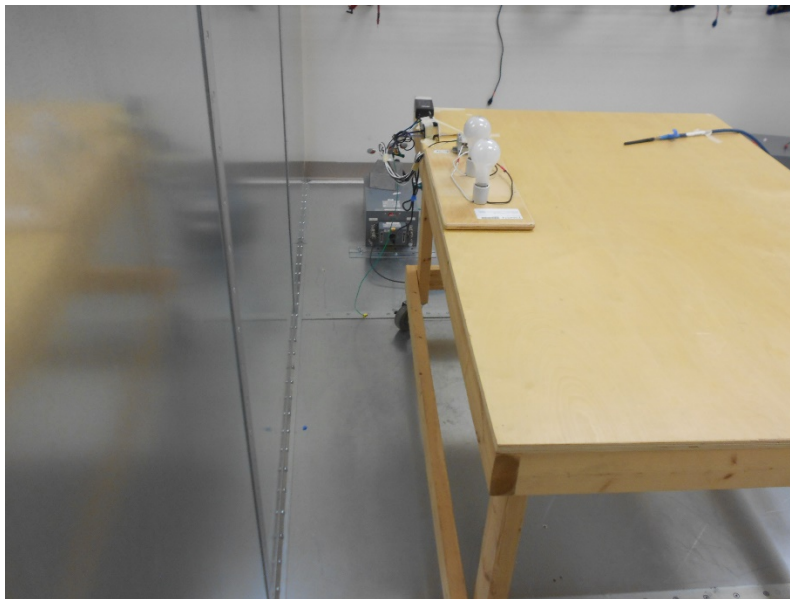


RADIATED PHOTO (ABOVE 1 GHz)

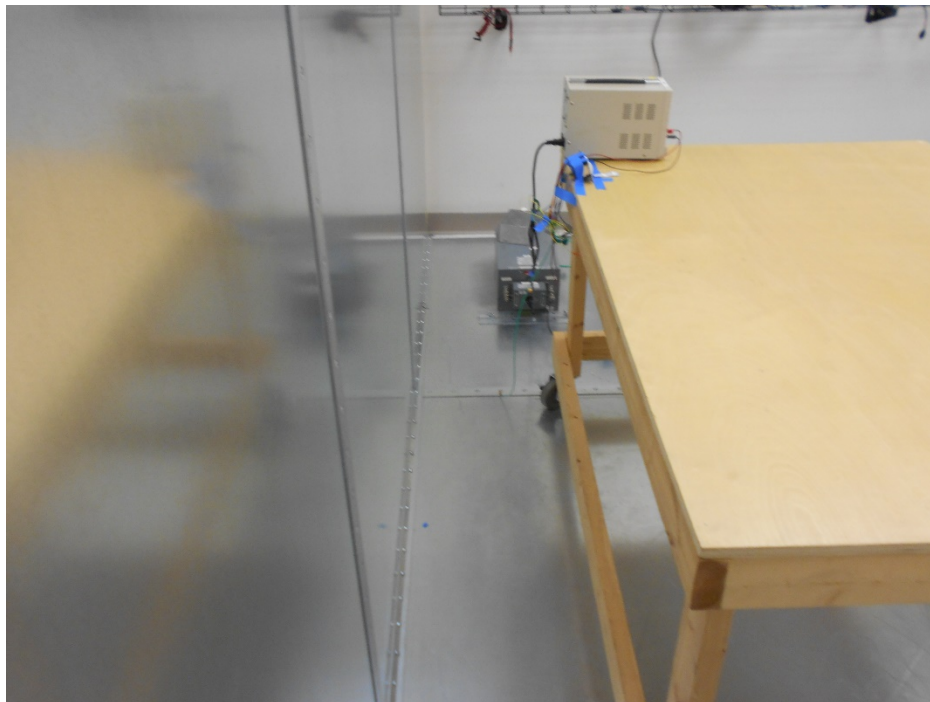


AC MAINS LINE CONDUCTED MEASUREMENT SETUP

ODD10 & ODS15



ODD24



END OF TEST REPORT