



CERTIFICATION TEST REPORT

Report Number. : R12663786-EP6

Applicant : Ideal Industries Lighting LLC, DBA CREE Lighting
4401 Silicon Drive
Durham, NC 27703, USA

Model : WIM-CMB-OEM

FCC ID : 2ACQ6-WMB

IC : 11481A-WMB

EUT Description : 802.15.4/BLE radio module

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

Date Of Issue:
2019-07-17

Prepared by:
UL LLC
12 Laboratory Dr.
Research Triangle Park, NC 27709 U.S.A.
TEL: (919) 549-1400

REPORT REVISION HISTORY

Ver.	Issue Date	Revisions	Revised By
1	2019-06-28	Initial Issue	Brian T. Kiewra
2	2019-07-17	Updated applicant name and FCC/IC IDs	Niklas Haydon

TABLE OF CONTENTS

REPORT REVISION HISTORY	2
TABLE OF CONTENTS	3
1. EQUIPMENT UNDER TEST	4
1.1. DESCRIPTION OF TEST SETUP.....	4
2. SETUP PHOTOS.....	5
END OF TEST REPORT	10

1. EQUIPMENT UNDER TEST

1.1. DESCRIPTION OF TEST SETUP

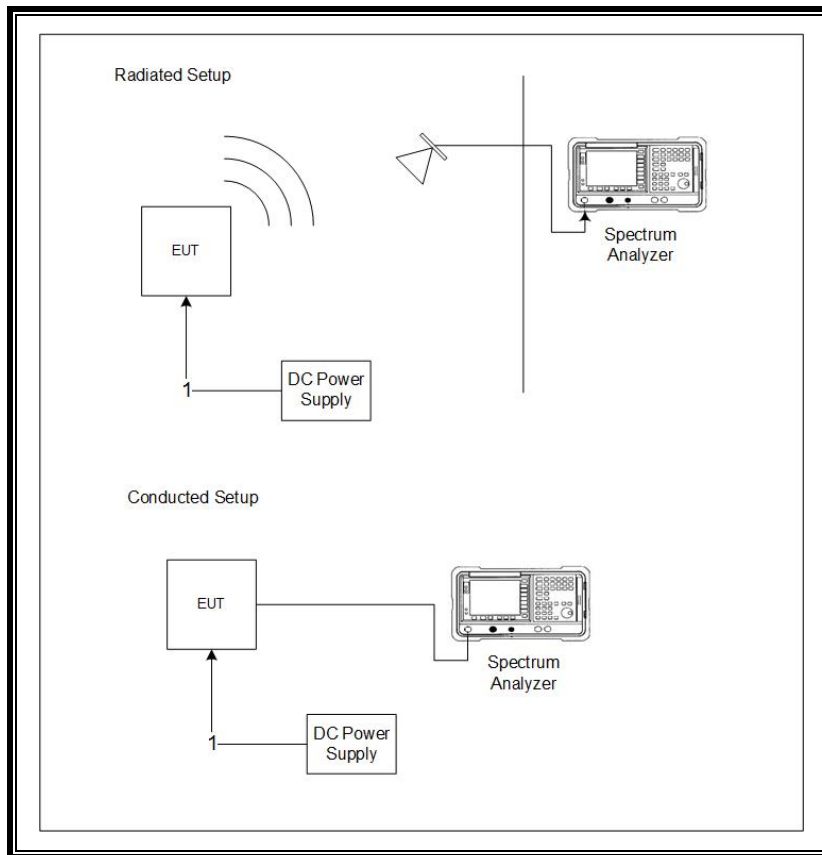
SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
DC power supply	Circuit Specialists	CSI3005X5	Non-Serialized	NA

I/O CABLES

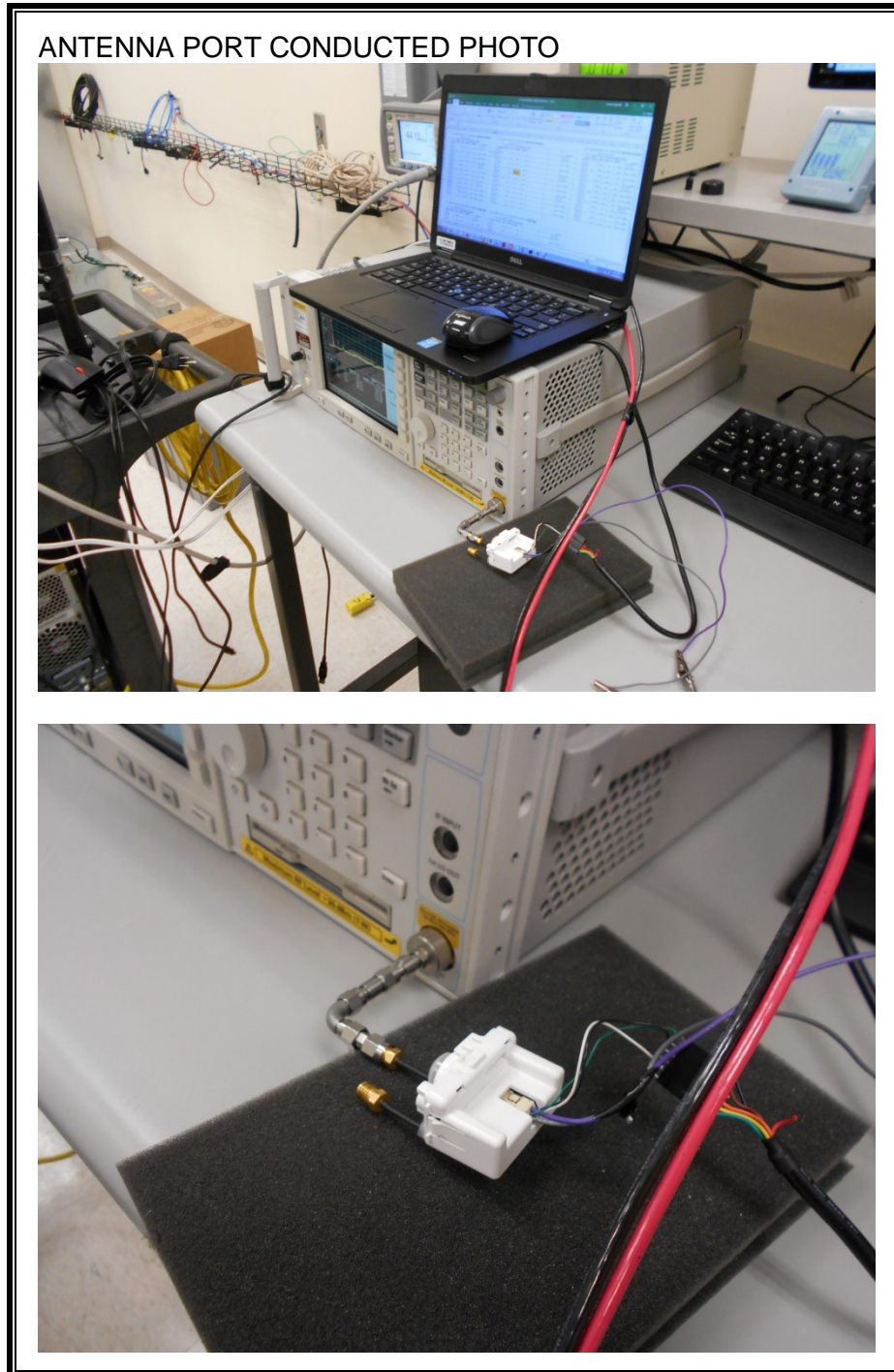
I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	Terminal	Unshielded	<3m	Provides DC power to EUT

SETUP DIAGRAMS

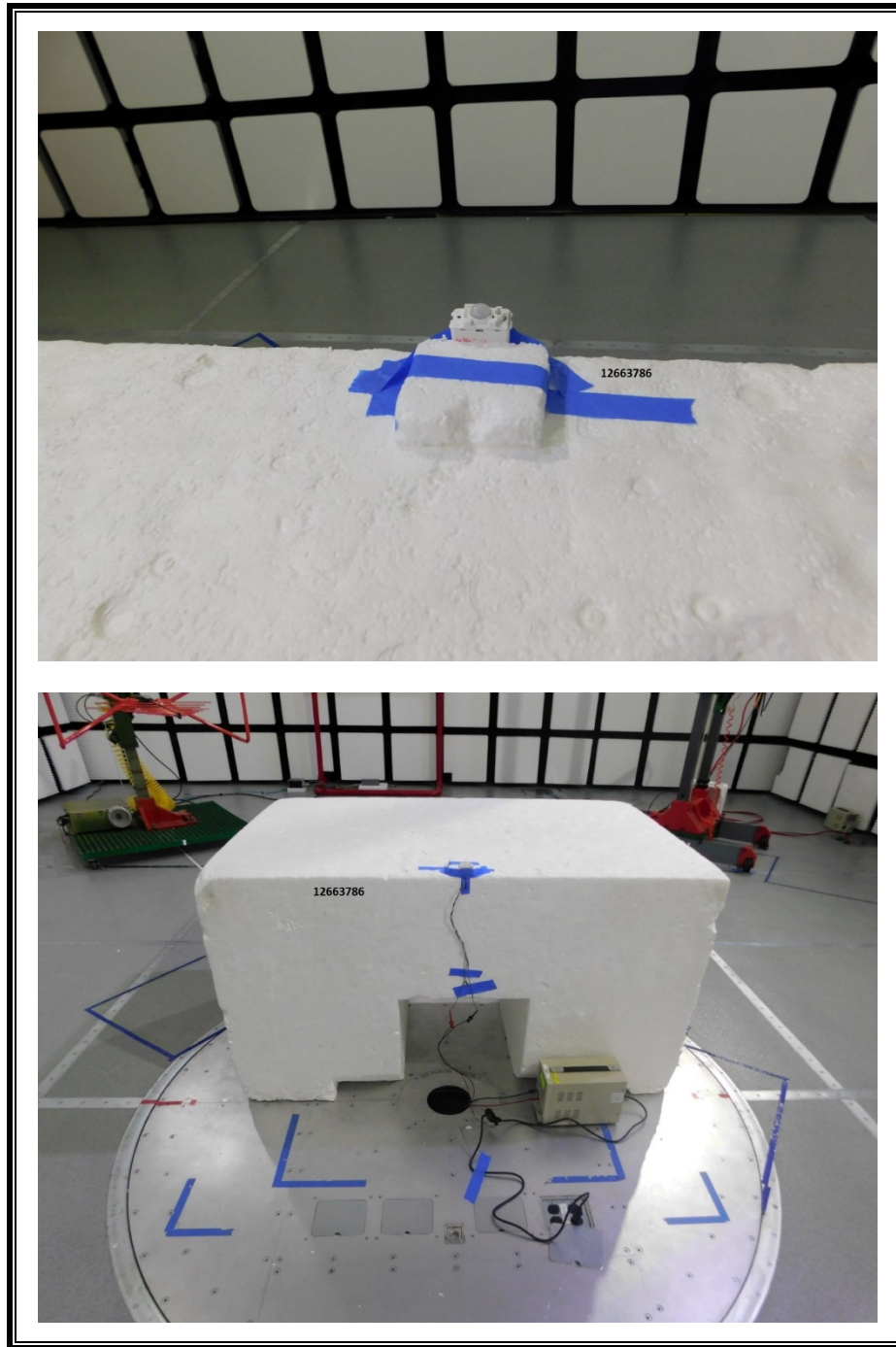


2. SETUP PHOTOS

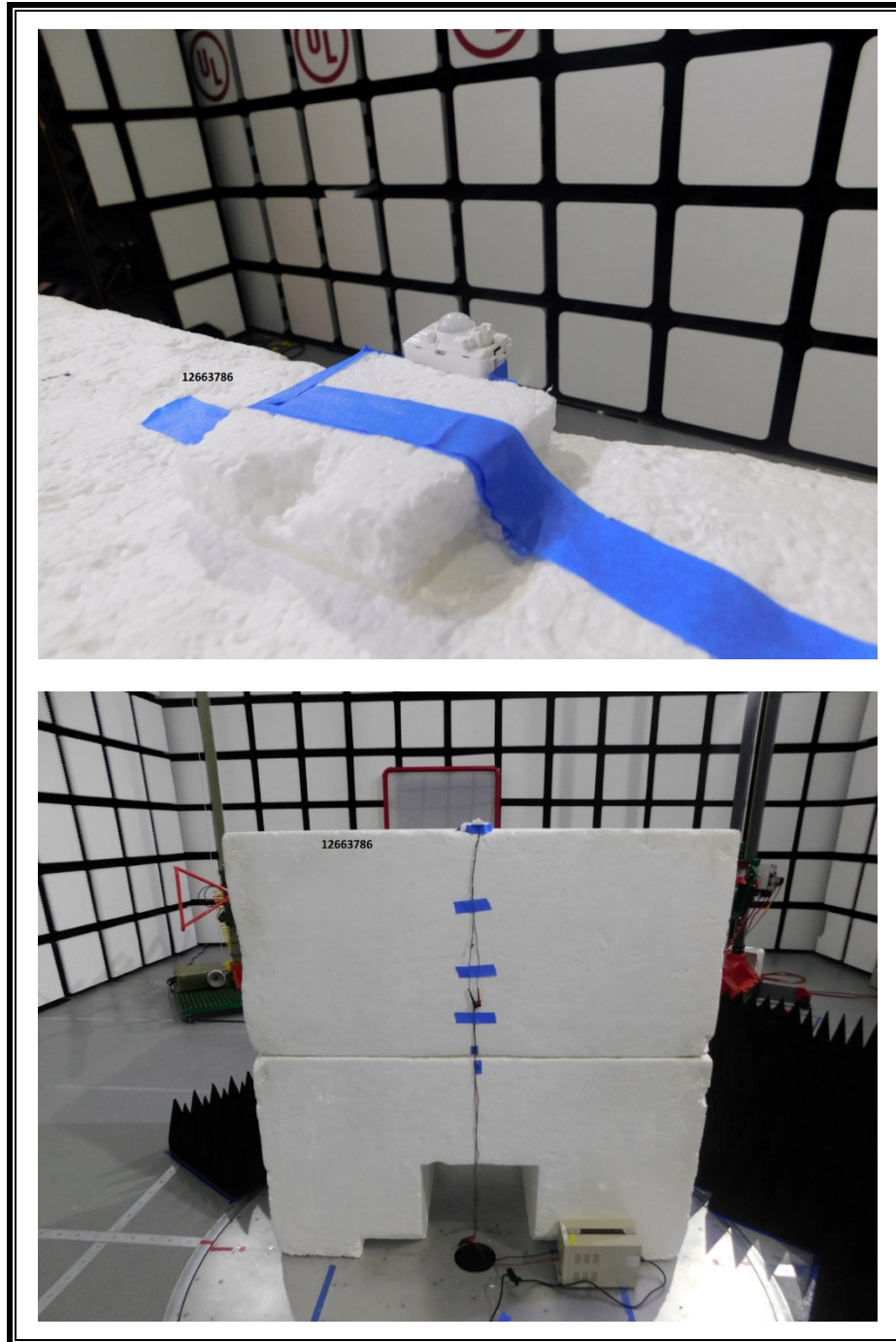
ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP



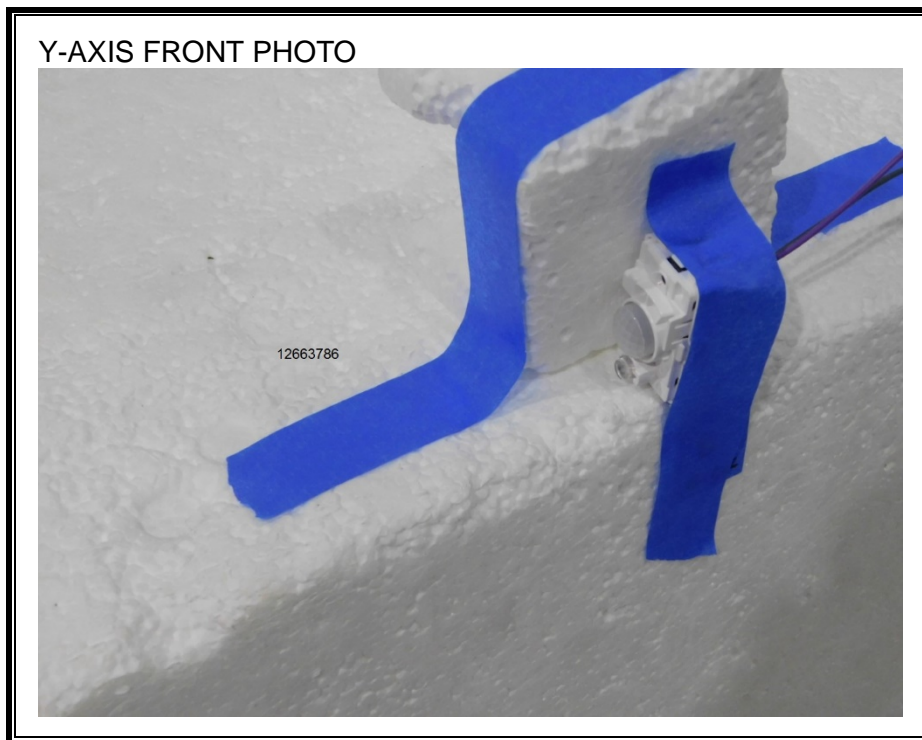
RADIATED RF MEASUREMENT SETUP (BELOW 1 GHz)

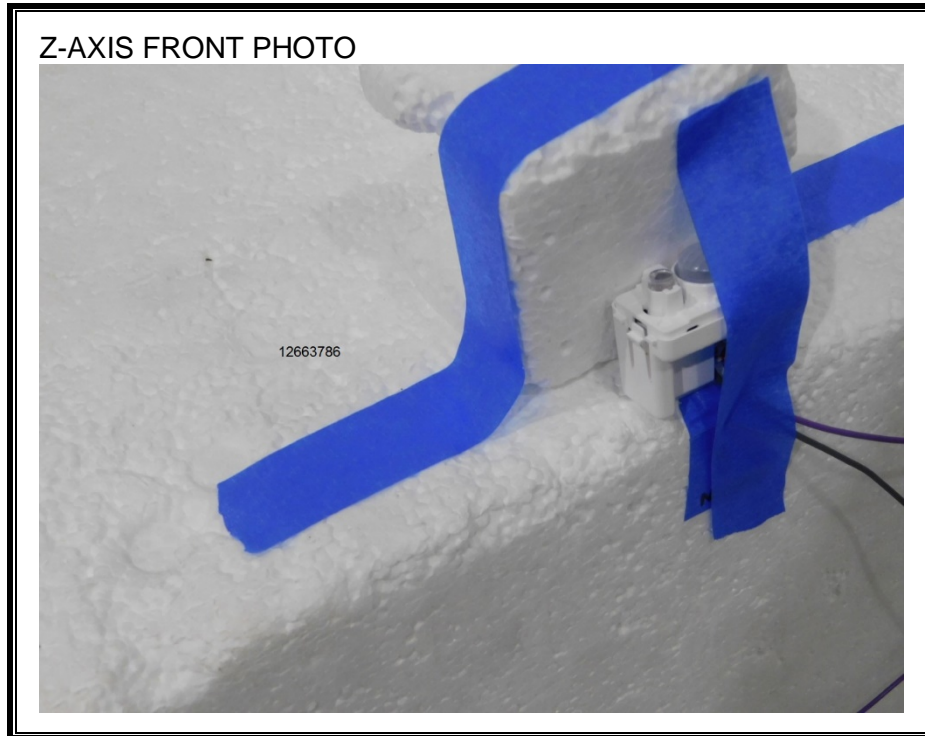


RADIATED RF MEASUREMENT SETUP (ABOVE 1GHz)

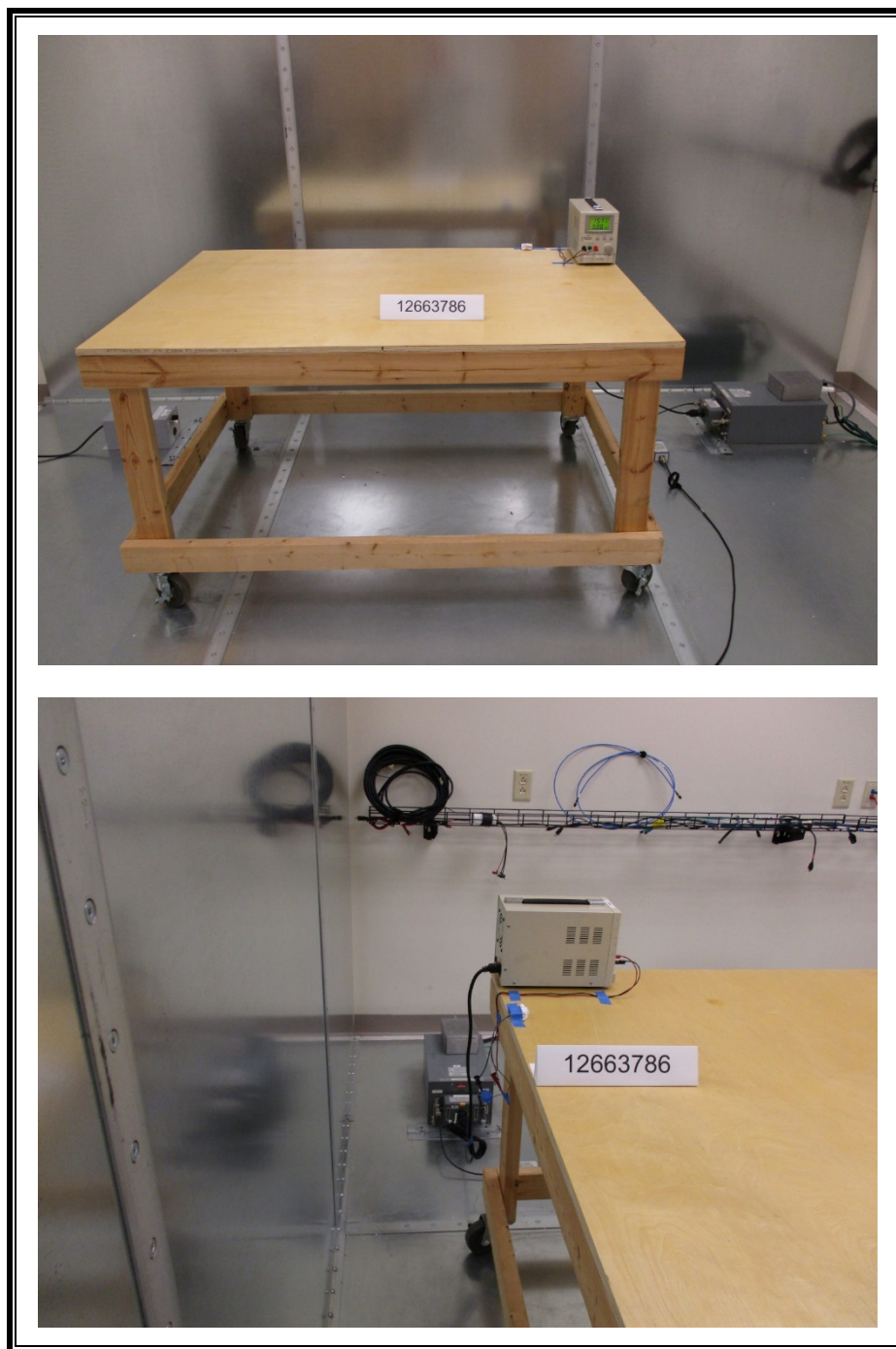


RADIATED RF MEASUREMENT SETUP FOR PORTABLE CONFIGURATION





AC MAINS LINE CONDUCTED



END OF TEST REPORT