



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

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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

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1. EQUIPMENT UNDER TEST

1.1. DESCRIPTION OF TEST SETUP

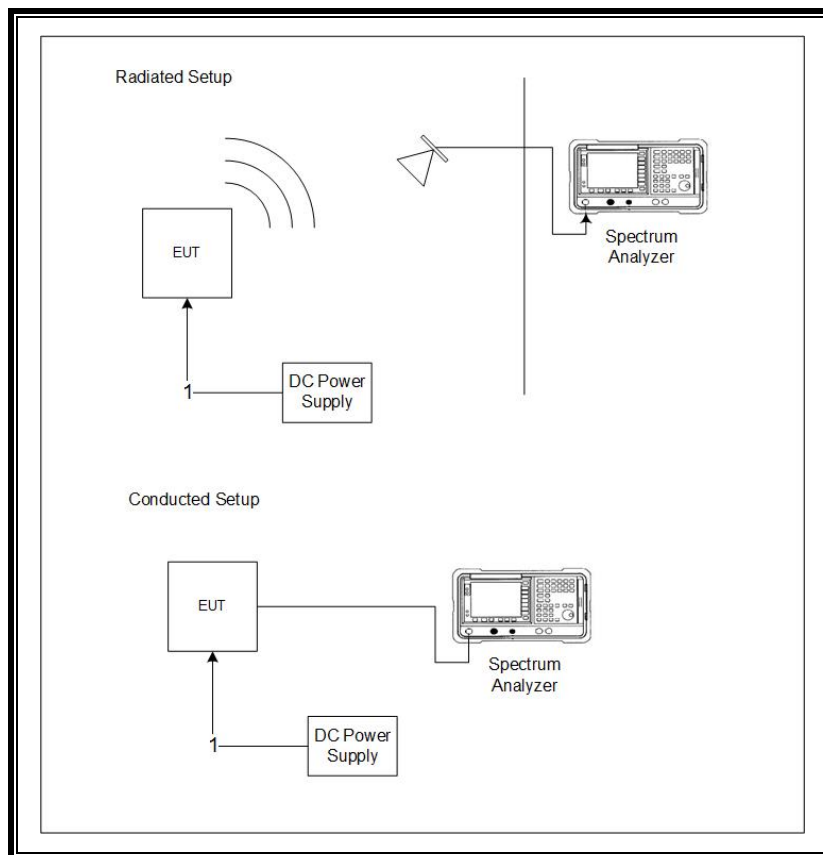
SUPPORT EQUIPMENT

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

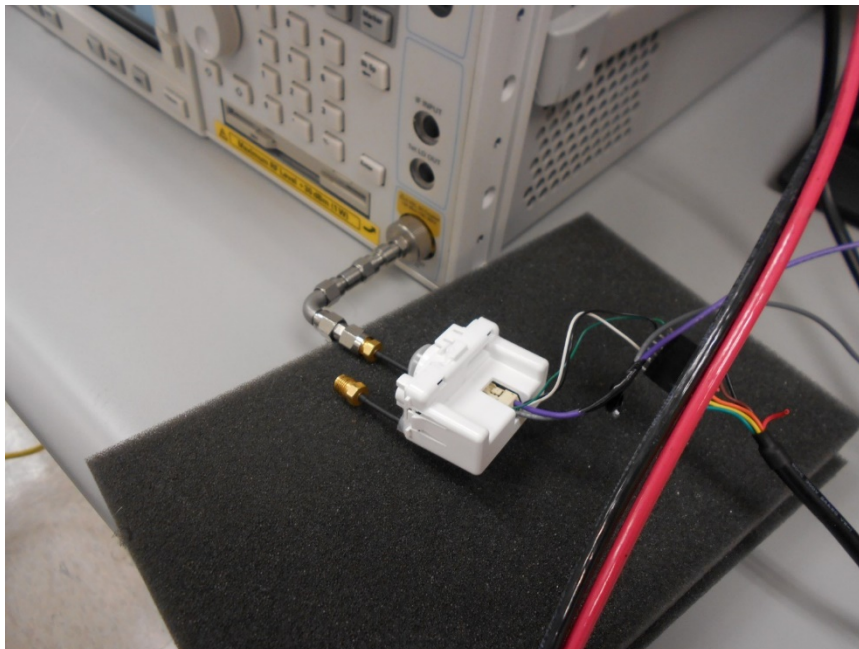
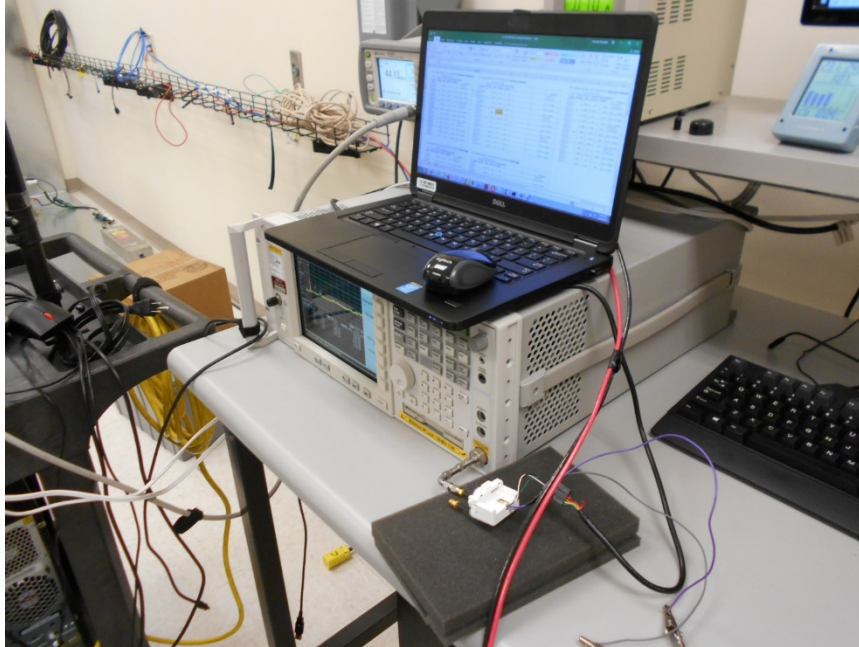
SETUP DIAGRAMS



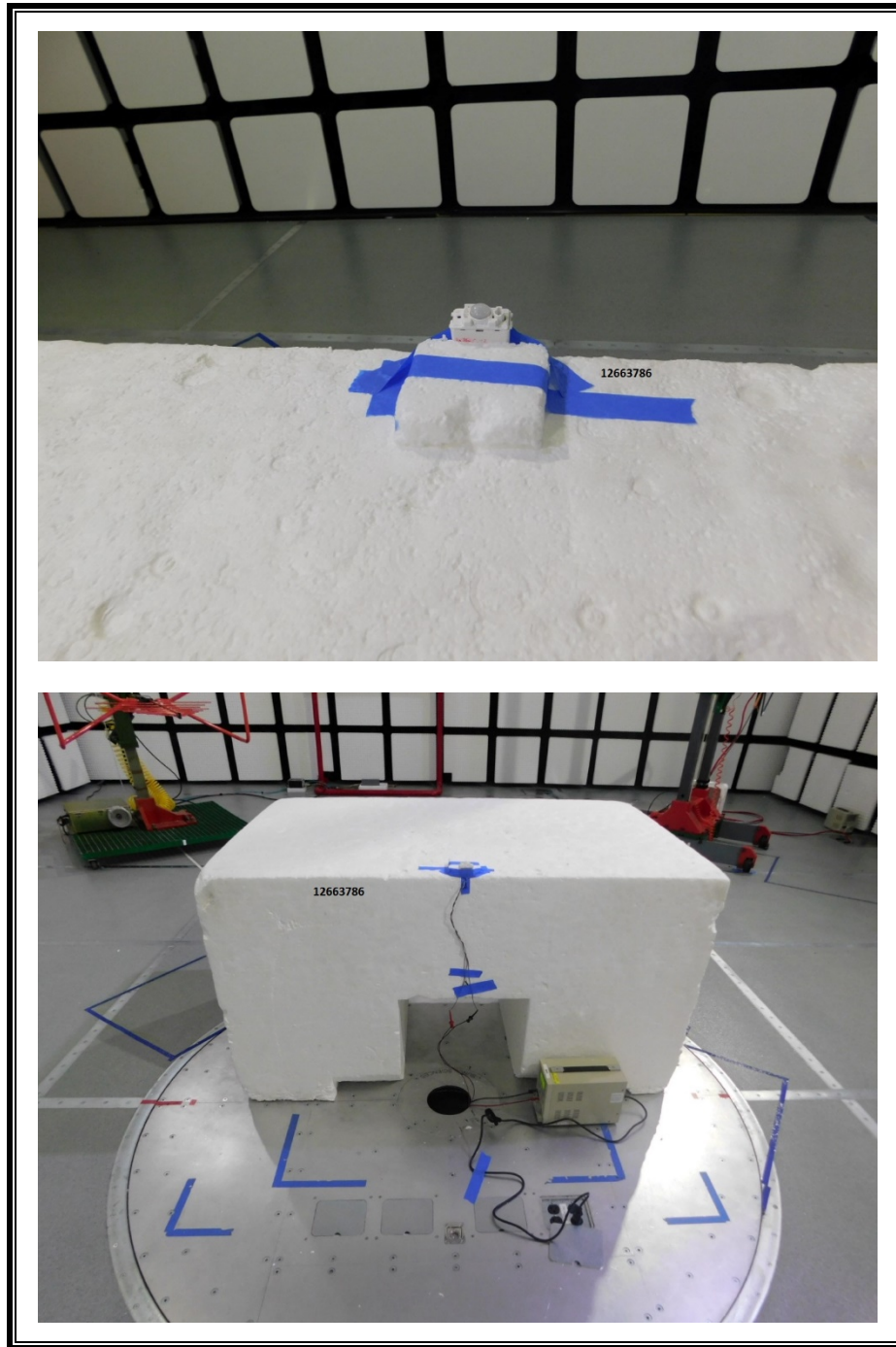
2. SETUP PHOTOS

ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP

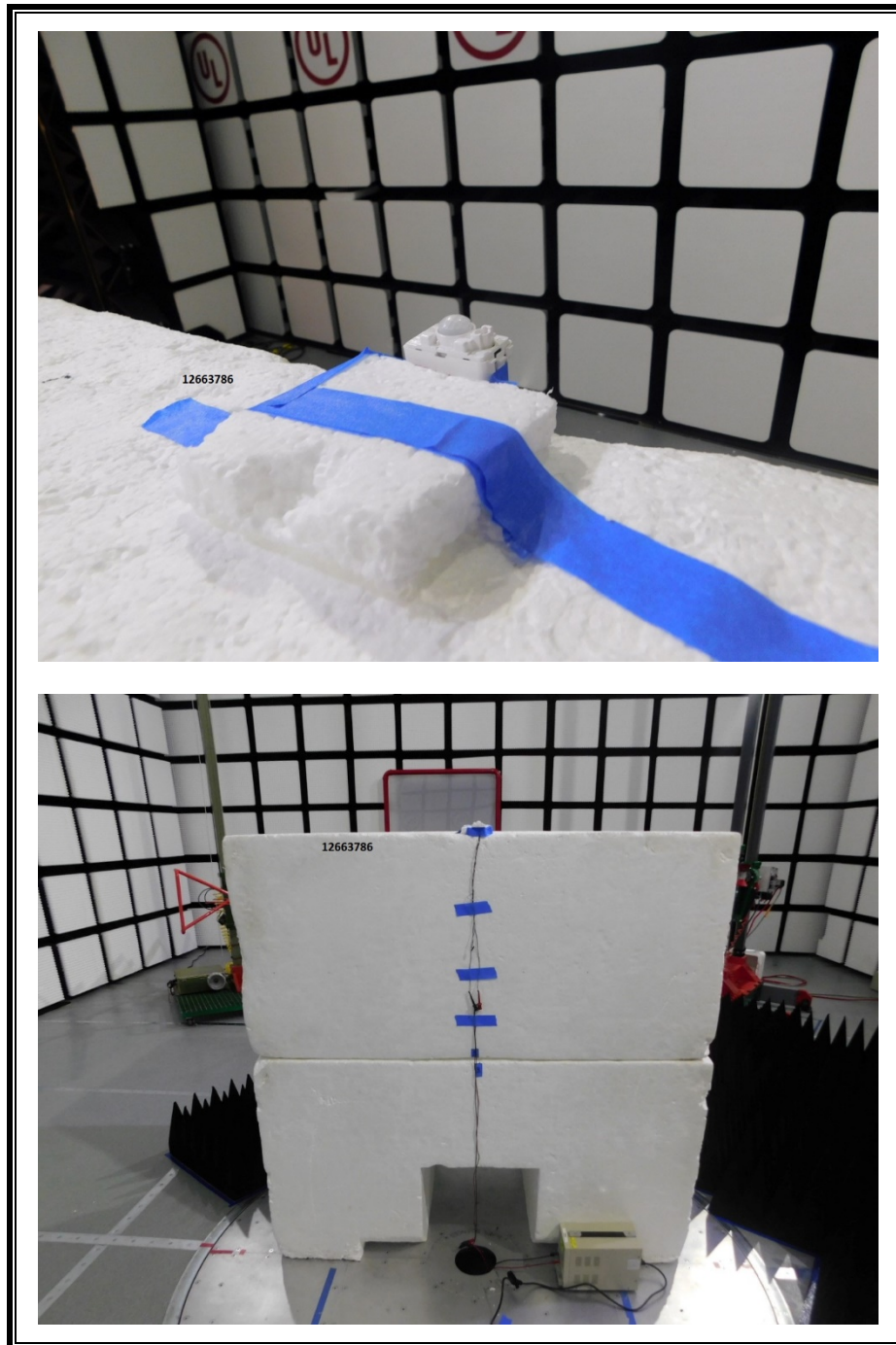
ANTENNA PORT CONDUCTED PHOTO



RADIATED RF MEASUREMENT SETUP (BELOW 1 GHz)



RADIATED RF MEASUREMENT SETUP (ABOVE 1GHz)

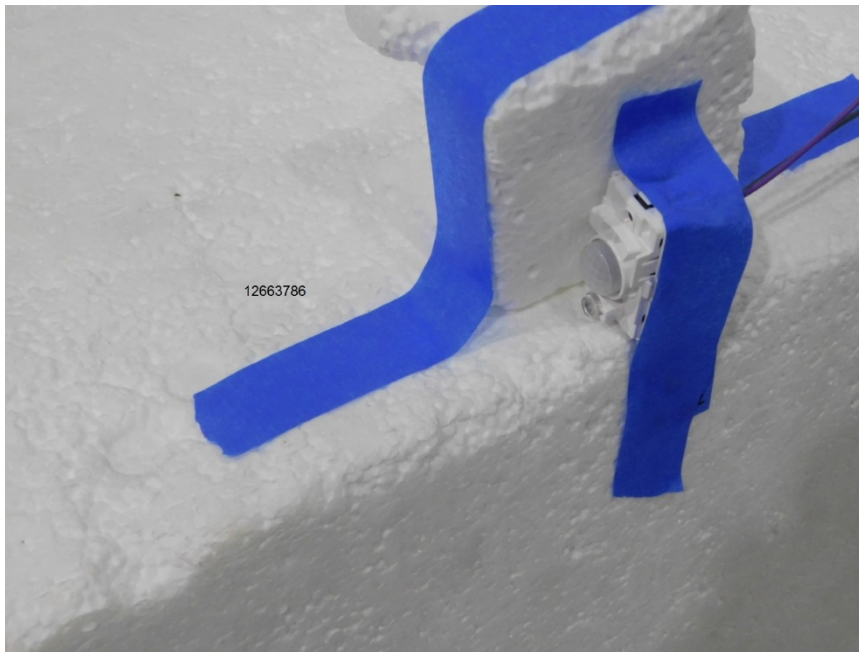


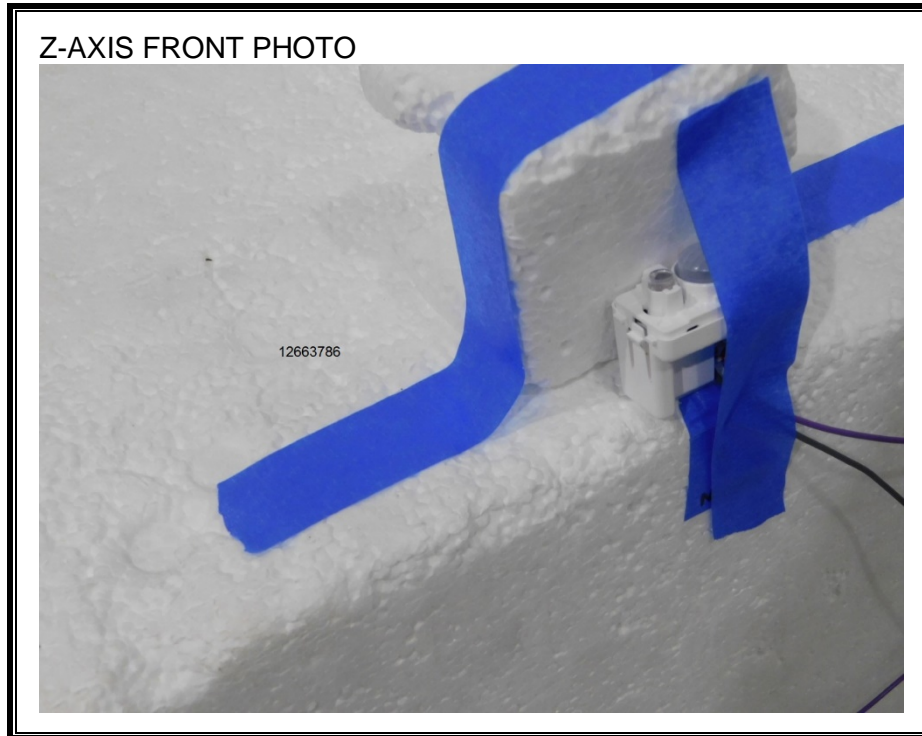
RADIATED RF MEASUREMENT SETUP FOR PORTABLE CONFIGURATION

X-AXIS FRONT PHOTO

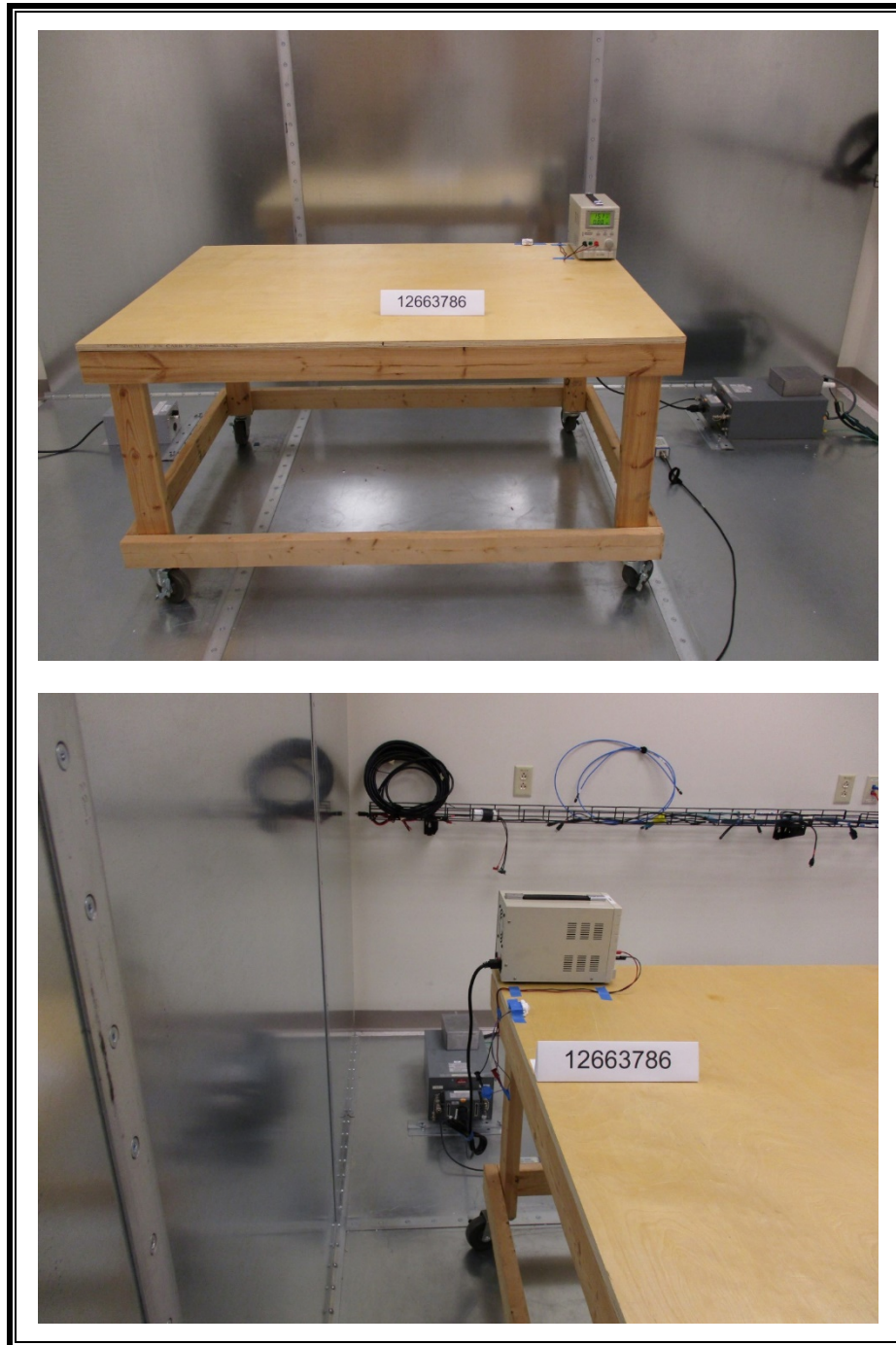


Y-AXIS FRONT PHOTO





AC MAINS LINE CONDUCTED



END OF TEST REPORT