



CERTIFICATION TEST REPORT

Report Number. : R12809879-EP1

Applicant : Tosibox Oy
Teknologiantie 12A
90590 OULU
FINLAND

Model : Lock 150

FCC ID : 2AHCN-LOCK150

IC : 25009-LOCK150

EUT Description : Remote access device with wireless router functionality

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

Date Of Issue:

2019-05-30

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	-	Initial Issue	-

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1. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Laptop	Lenovo	T430	PB-C346V	N/A
Laptop Charger	Lenovo	45N0119	11S45N019Z1ZHXT161K5D	N/A

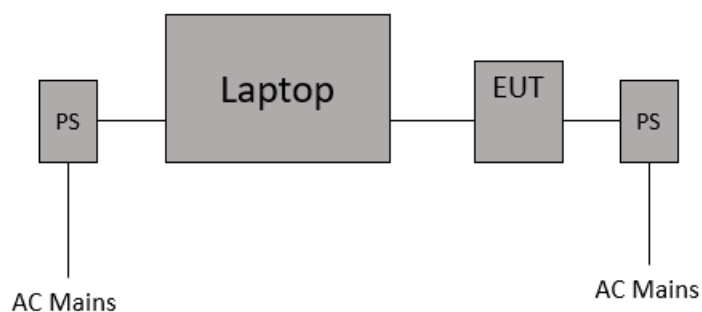
I/O CABLES

I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	Ethernet	5	Ethernet	Unshielded	<3m	None
2	USB	1	USB	USB Flash Drive		None
3	Power	1	Barrel	Power	<3m	None

TEST SETUP

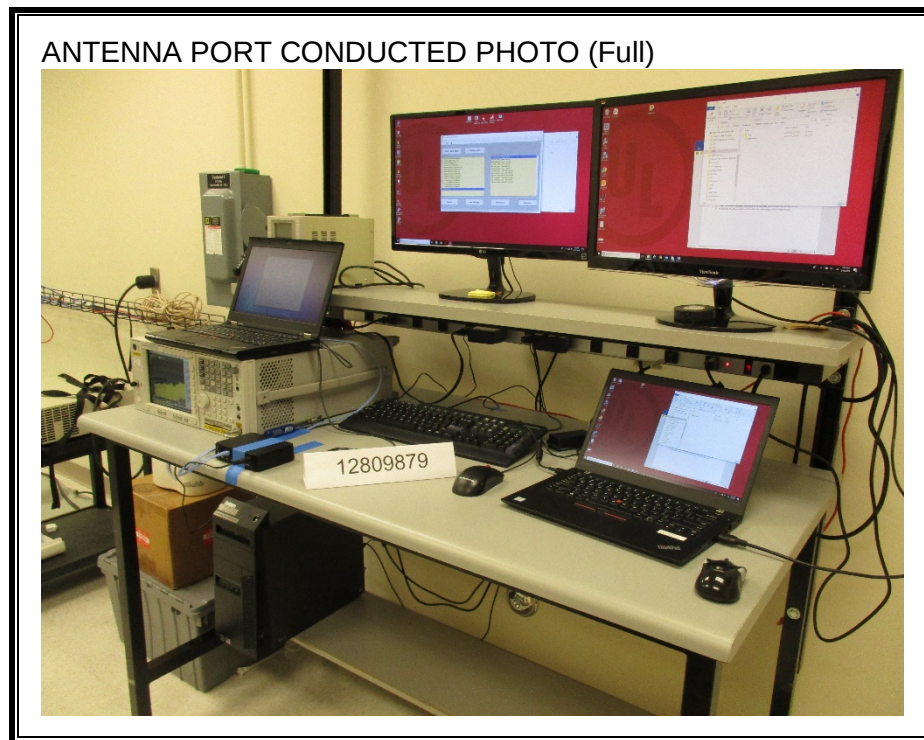
The EUT is stand alone equipment. Test software exercised the radio.

SETUP DIAGRAM



2. SETUP PHOTOS

RF CONDUCTED MEASUREMENT AT ANTENNA PORT

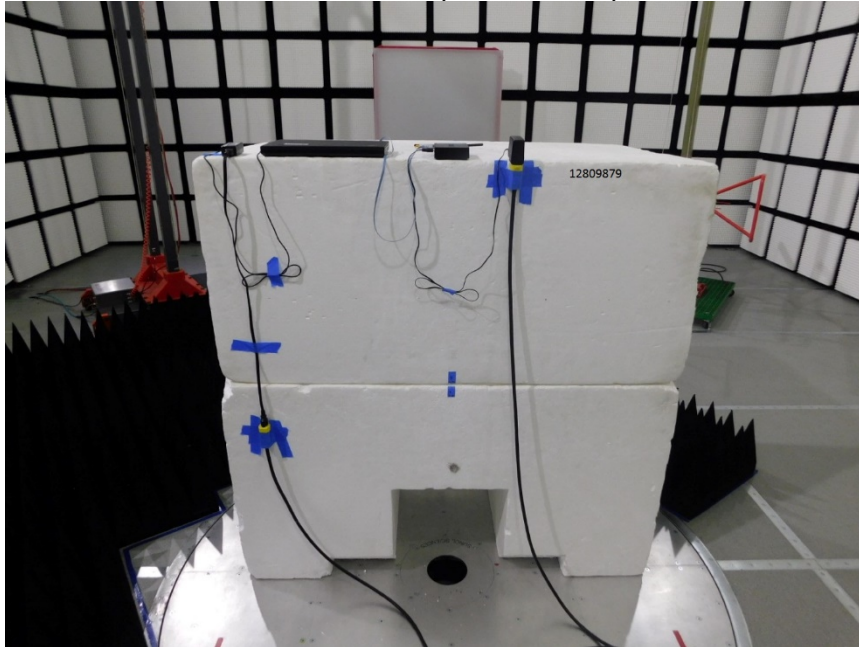


ANTENNA PORT CONDUCTED PHOTO (Close Up)

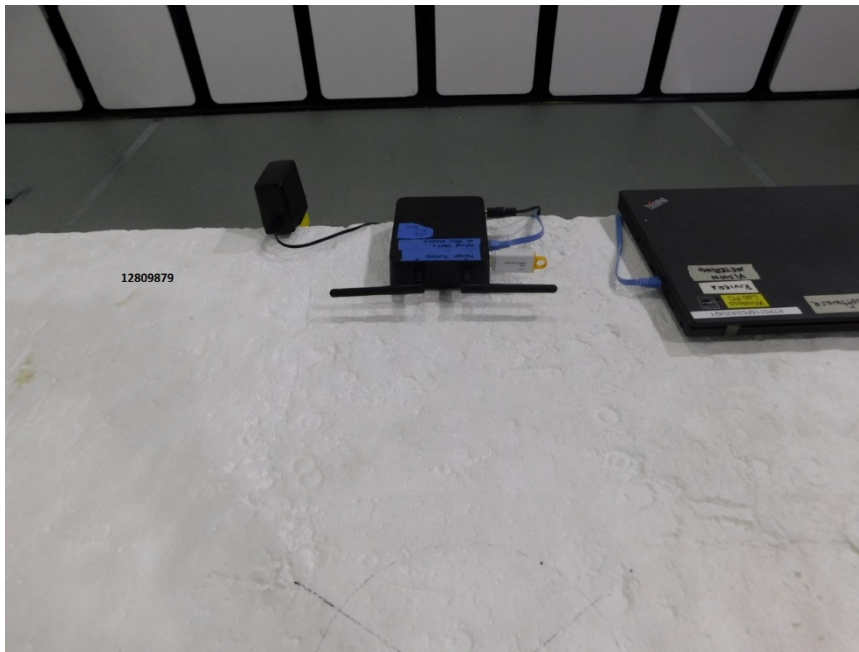
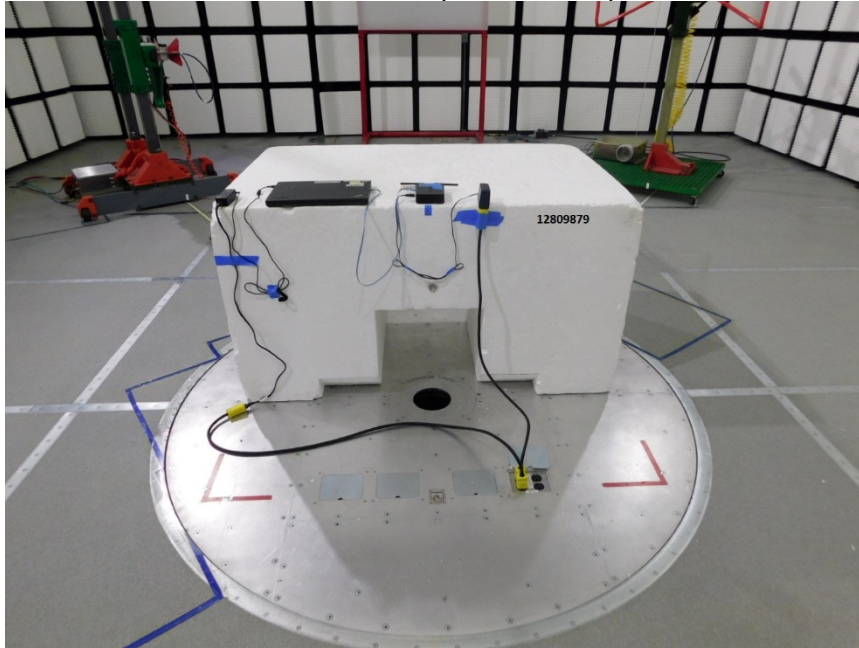


RADIATED SPURIOUS EMISSIONS

RADIATED SPURIOUS PHOTO (Above 1GHz)

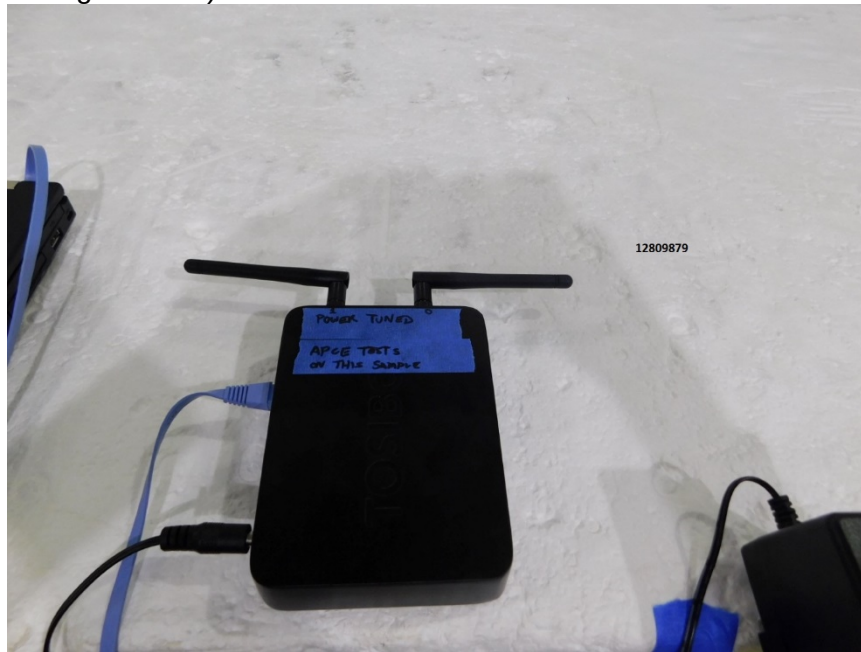


RADIATED SPURIOUS PHOTO (Below 1GHz)

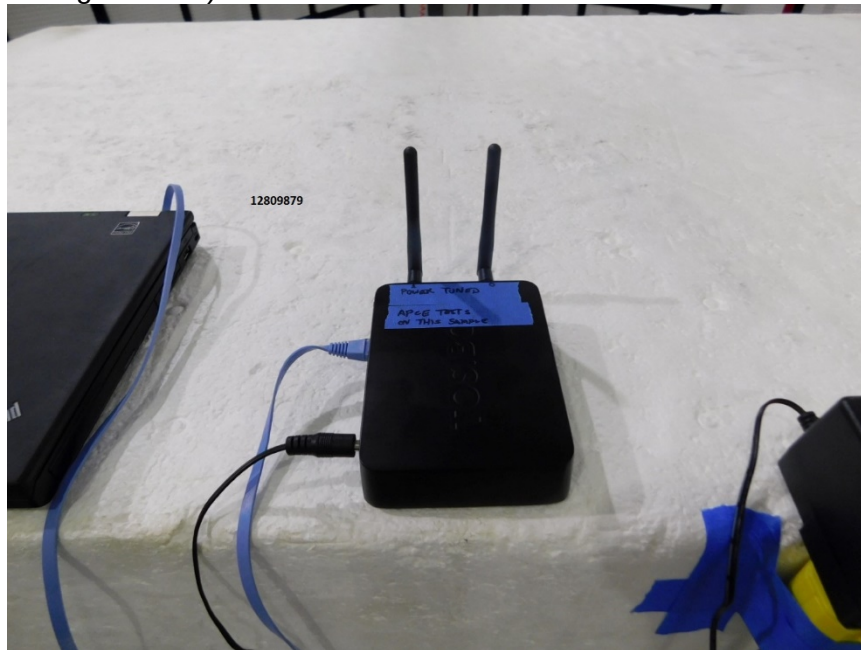


RADIATED SPURIOUS EMISSIONS (Worst-Case Exploration)

RADIATED SPURIOUS PHOTO (X Orientation, Antenna Configuration 1)



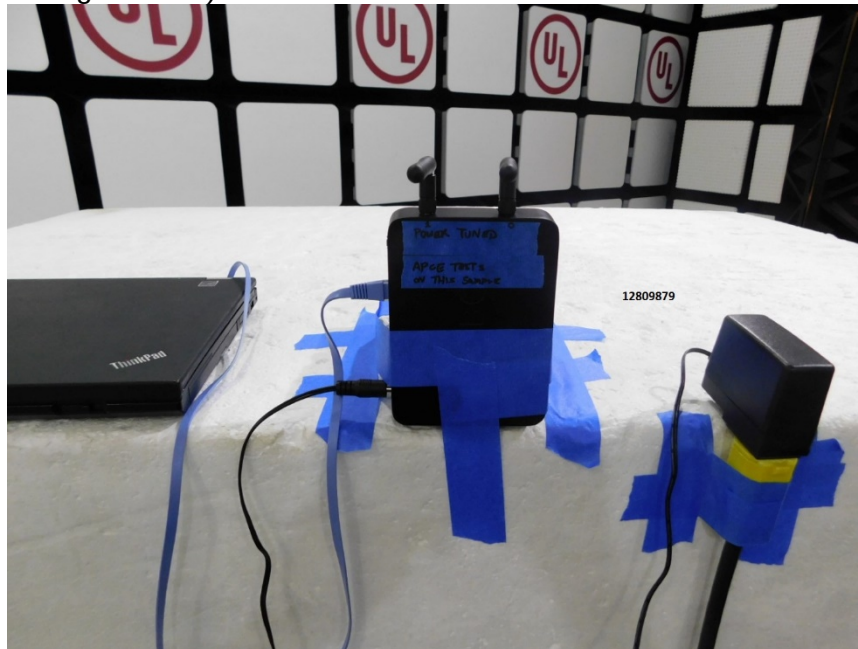
RADIATED SPURIOUS PHOTO (X Orientation, Antenna Configuration 2)



RADIATED SPURIOUS PHOTO (X Orientation, Antenna Configuration 3)



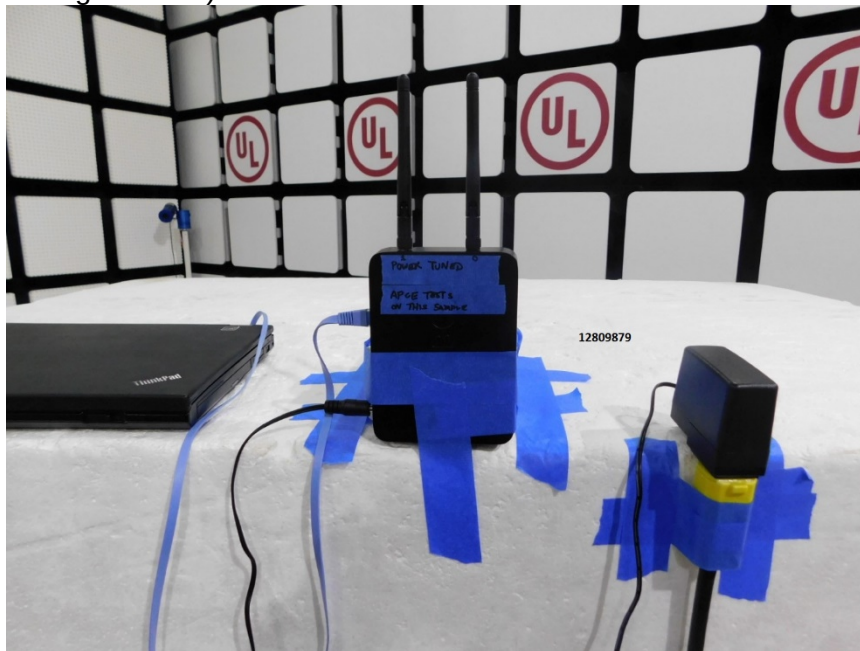
RADIATED SPURIOUS PHOTO (Z Orientation, Antenna Configuration 1)



RADIATED SPURIOUS PHOTO (Z Orientation, Antenna Configuration 2)

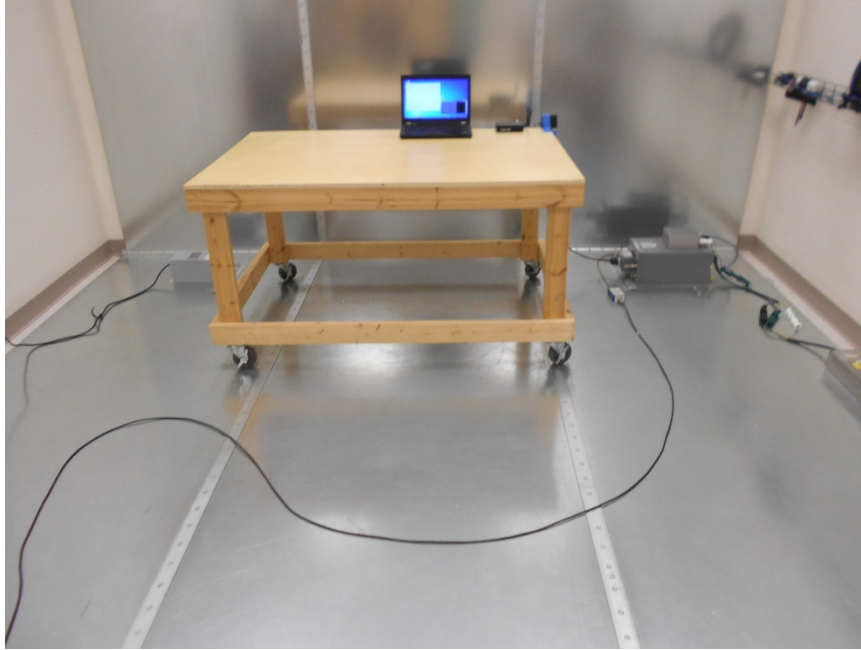


RADIATED SPURIOUS PHOTO (Z Orientation, Antenna Configuration 3)

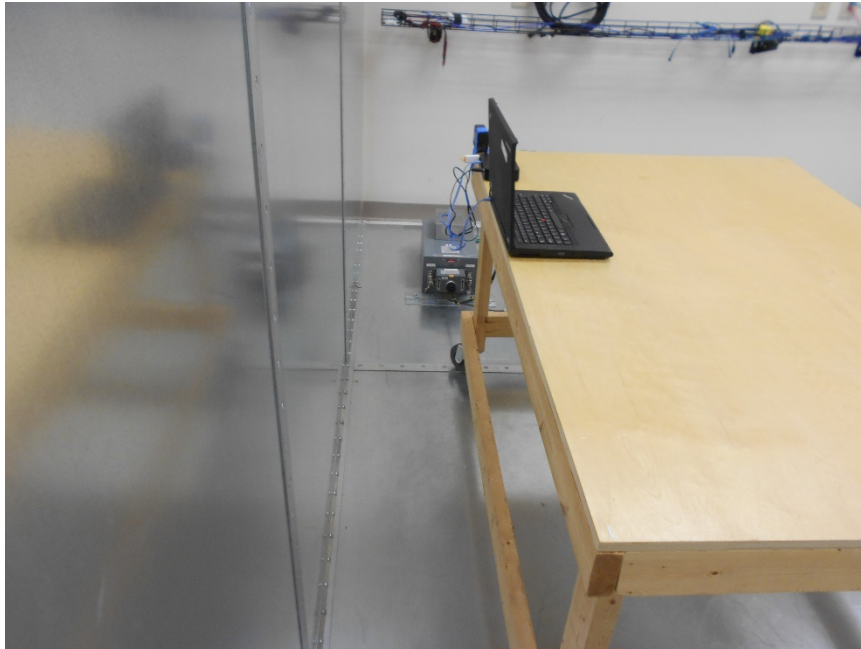


AC Power Line Conducted Emissions

POWER LINE CONDUCTED EMISSIONS FRONT



POWER LINE CONDUCTED EMISSIONS SIDE



END OF TEST REPORT