



SETUP PHOTOS REPORT

Report Number. : R12931061-EP2

Applicant : Danfoss A/S
Bldg E14-S1A
Nordborgvej 81
Nordborg, 6430
Denmark

Model : AK-UI55 Bluetooth

FCC ID : 2ATXJ-RAC01

IC : 25253-RAC01

EUT Description : BLE Display

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

Date Of Issue:
2019-08-30

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
--	--	Initial Issue	--
2	2019-08-30	Updated model and support equipment	Niklas Haydon

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2. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Controller	Danfoss	P1051 (Prototype)	NA	NA
Laptop	Lenovo	L470	PF0ZV674	NA
JLink Adaptor	Danfoss	Prototype	NA	NA
Dev Kit	Texas Instruments	CC2640R2	NA	NA

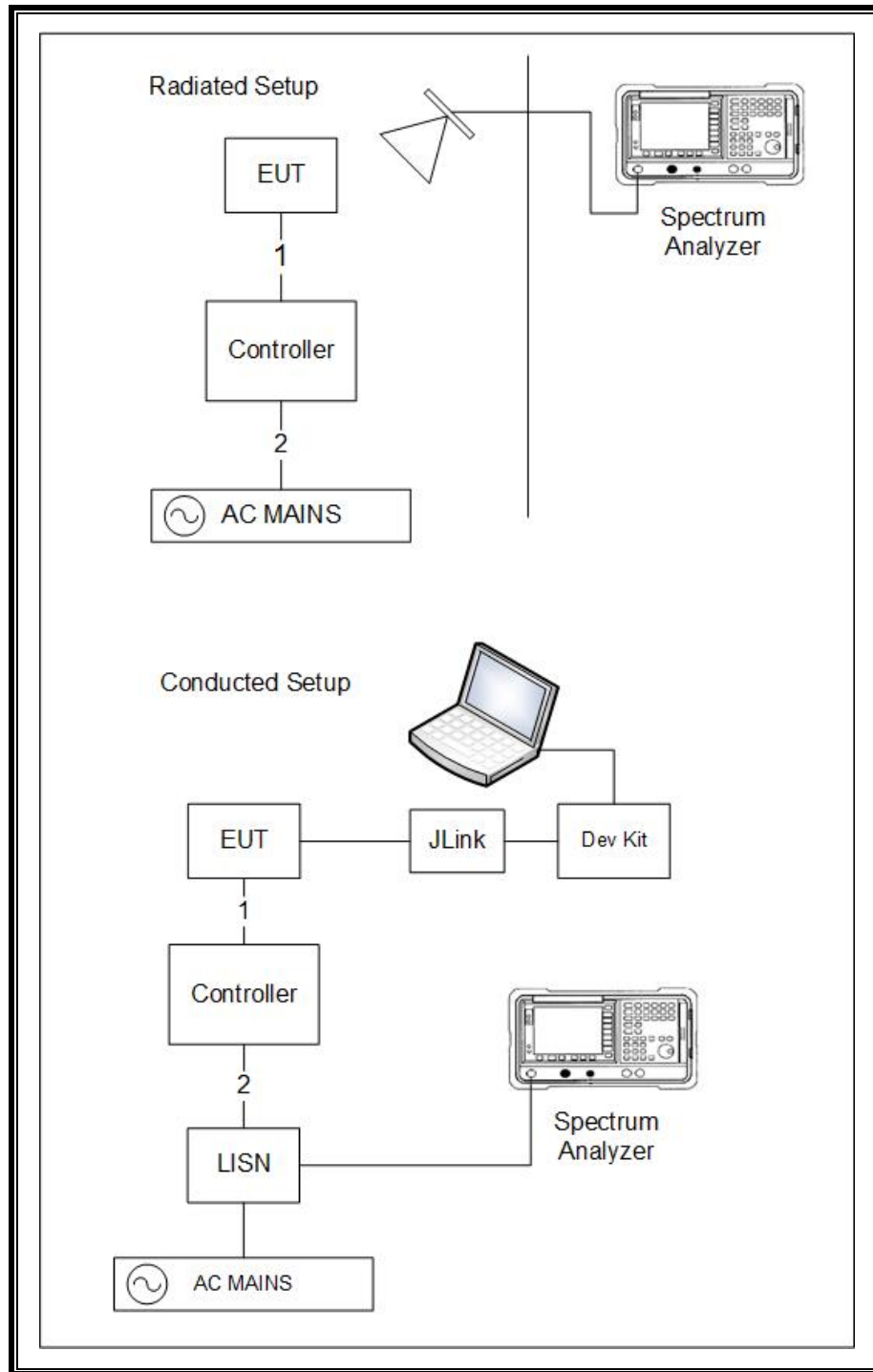
I/O CABLES

I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	Display	1	Hardwired	RJ14	<3M	Other lengths available
2	Mains	1	Terminal Connector	Mains	<3m	Provides AC power to support controller

TEST SETUP

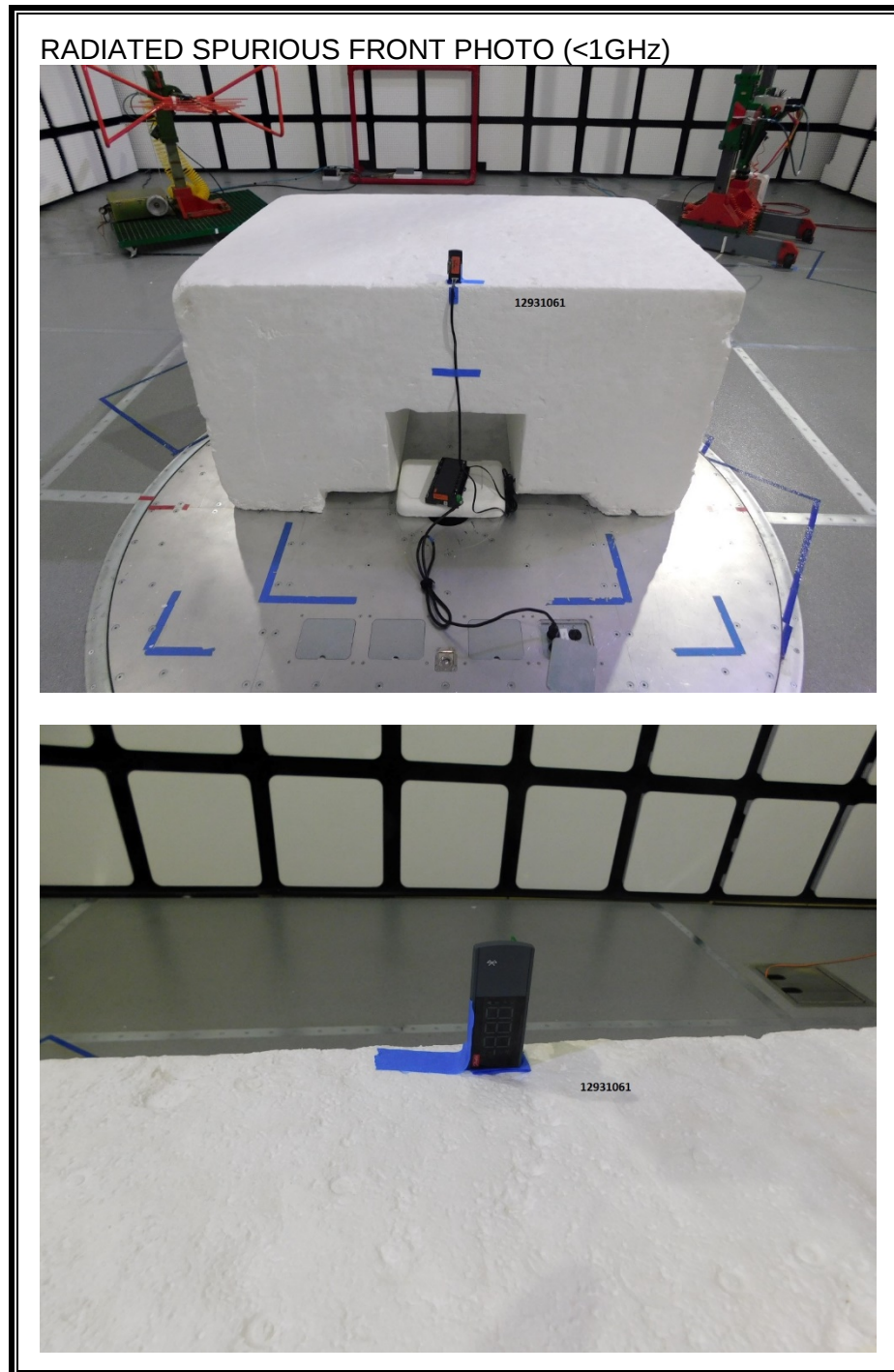
The EUT is connected to a test laptop during the tests. Test software exercised the radio card.

SETUP DIAGRAMS



3. SETUP PHOTOS

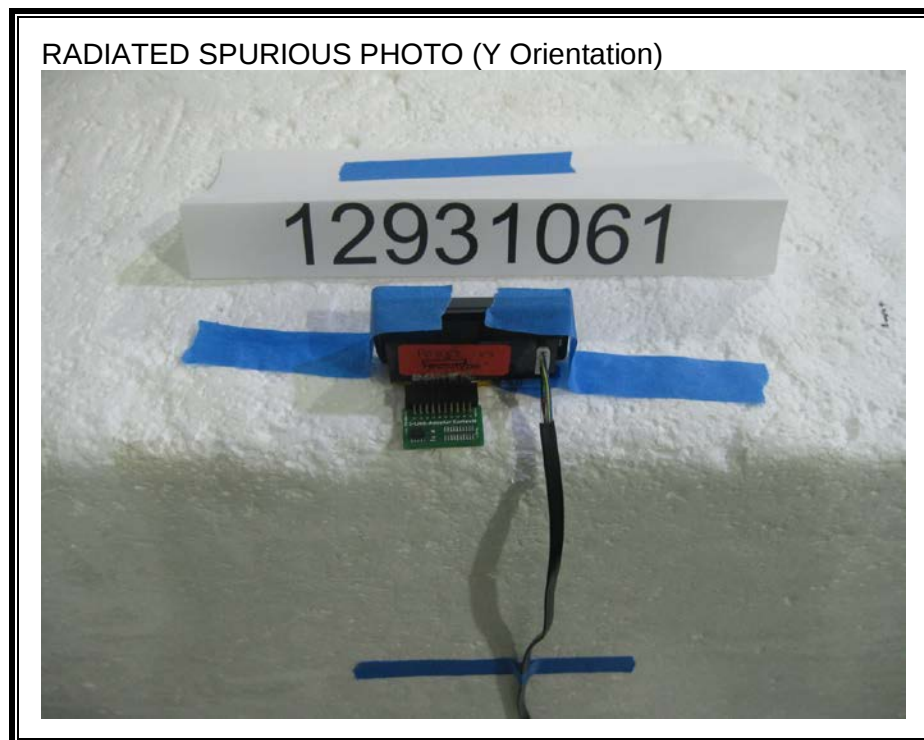
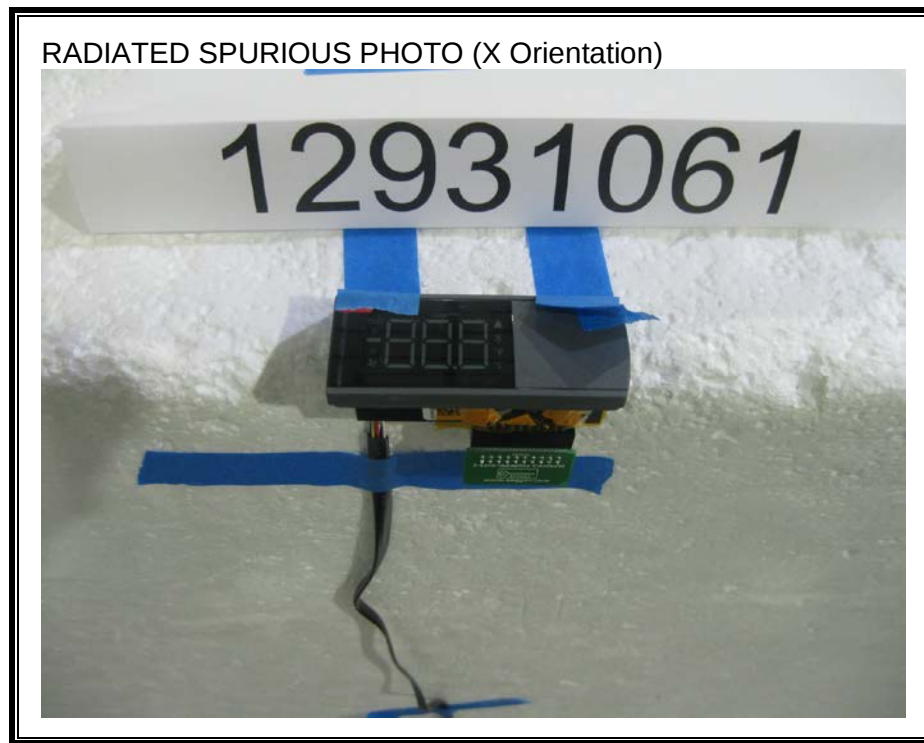
RADIATED SPURIOUS EMISSIONS



RADIATED SPURIOUS FRONT PHOTO (>1GHz)



RADIATED SPURIOUS EMISSIONS (XYZ)

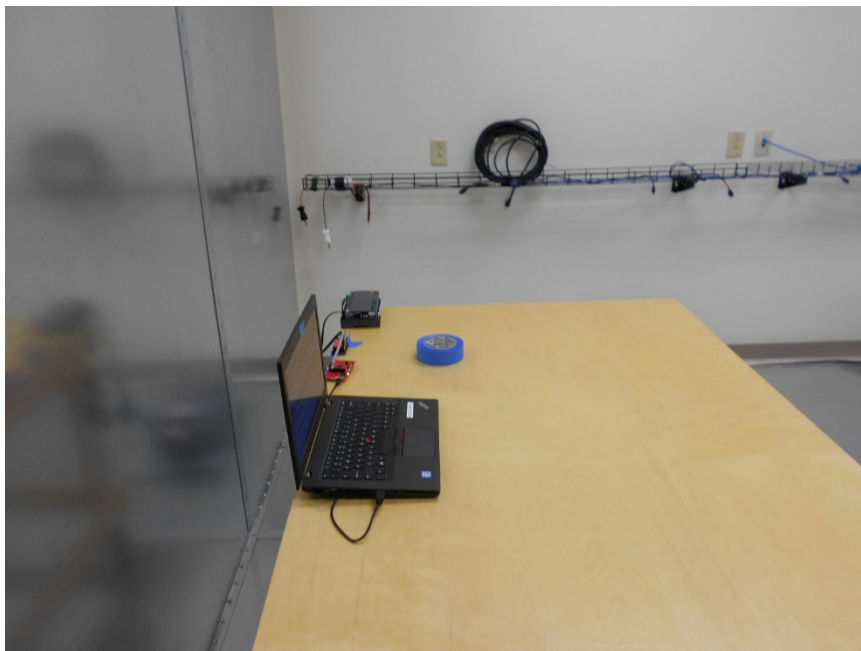
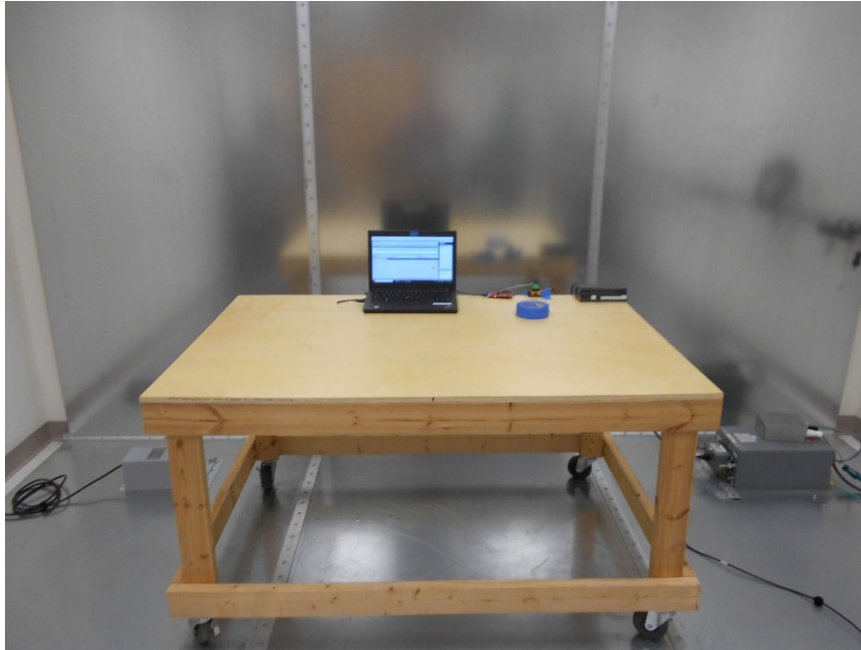


RADIATED SPURIOUS PHOTO (Z Orientation)



AC MAINS CONDUCTED EMISSIONS

POWER LINE CONDUCTED EMISSIONS



END OF TEST REPORT