



FCC/IC Test Setup Photos

FOR:

LENNOX Industries Inc.

Brand:

Lennox

Marketing Name:

Lennox S40 Smart Thermostat

Model Number:

Lennox S40 Smart Thermostat

Product Description:

S40 Thermostat is an electronic communicating thermostat. This module shall be the user interface, sensor data aggregator and internet gateway for residential air conditioning system.

FCC ID: 2A6F9-S4022A

IC ID: 2A6F9-S4022A

Addition to Report #:

EMC_LENNX_007_21001_FCC_15B_ICES
EMC_LENNX_007_21001_FCC_15.247_ISED_BTLE_DTS
EMC_LENNX_007_21001_FCC_15.247_ISED_Wi-Fi_DTS
EMC_LENNX_007_21001_FCC_15.407_ISED_UNII

DATE: 12/20/2021

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CETECOM Inc. is a Delaware Corporation with Corporation number: 2905571

EUT Photos

Top view



Bottom view



Front view



Back view



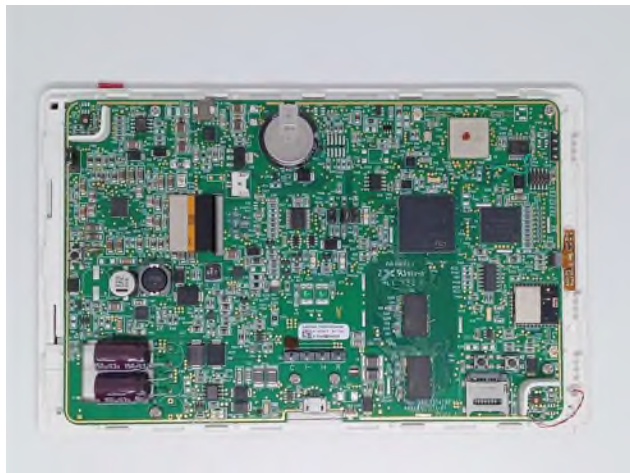
Side view 1



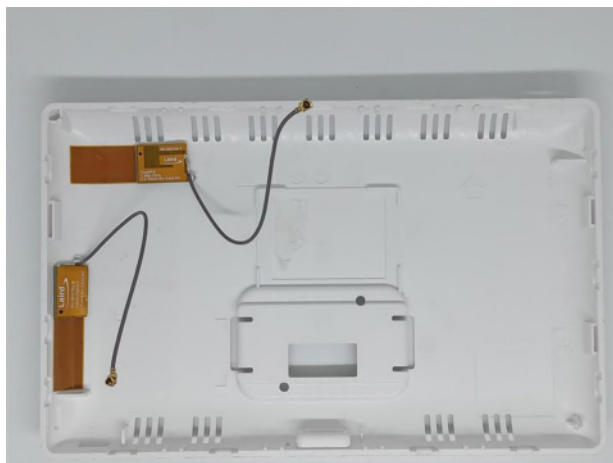
Side view 2



Internal view (EUT)



Internal view (Back cover)



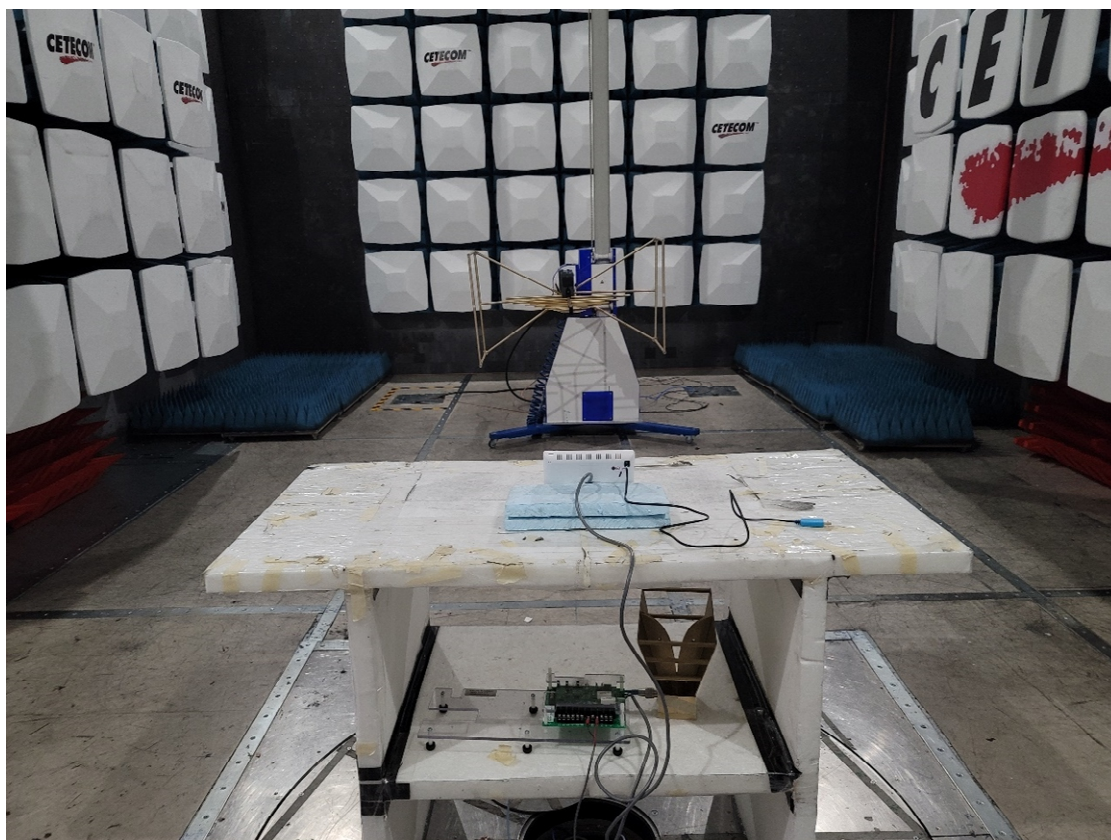
Internal view



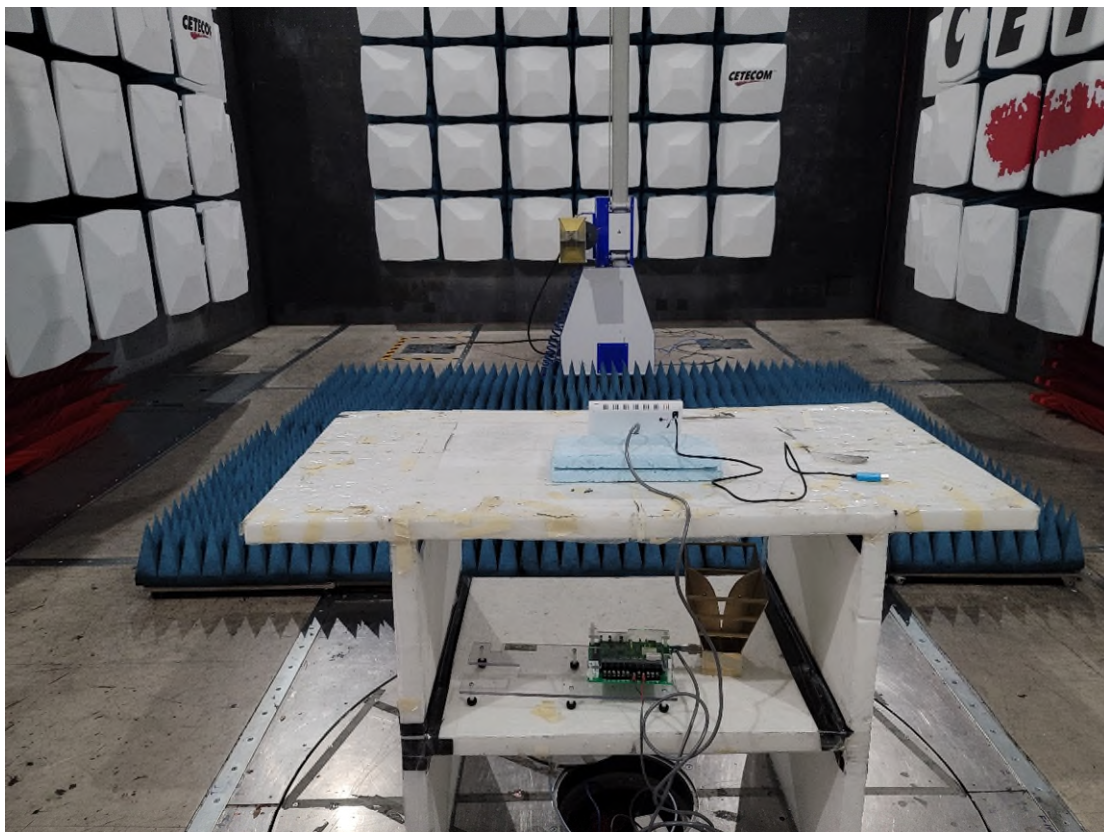
Radiated Measurements

Unintentional Radiated emissions

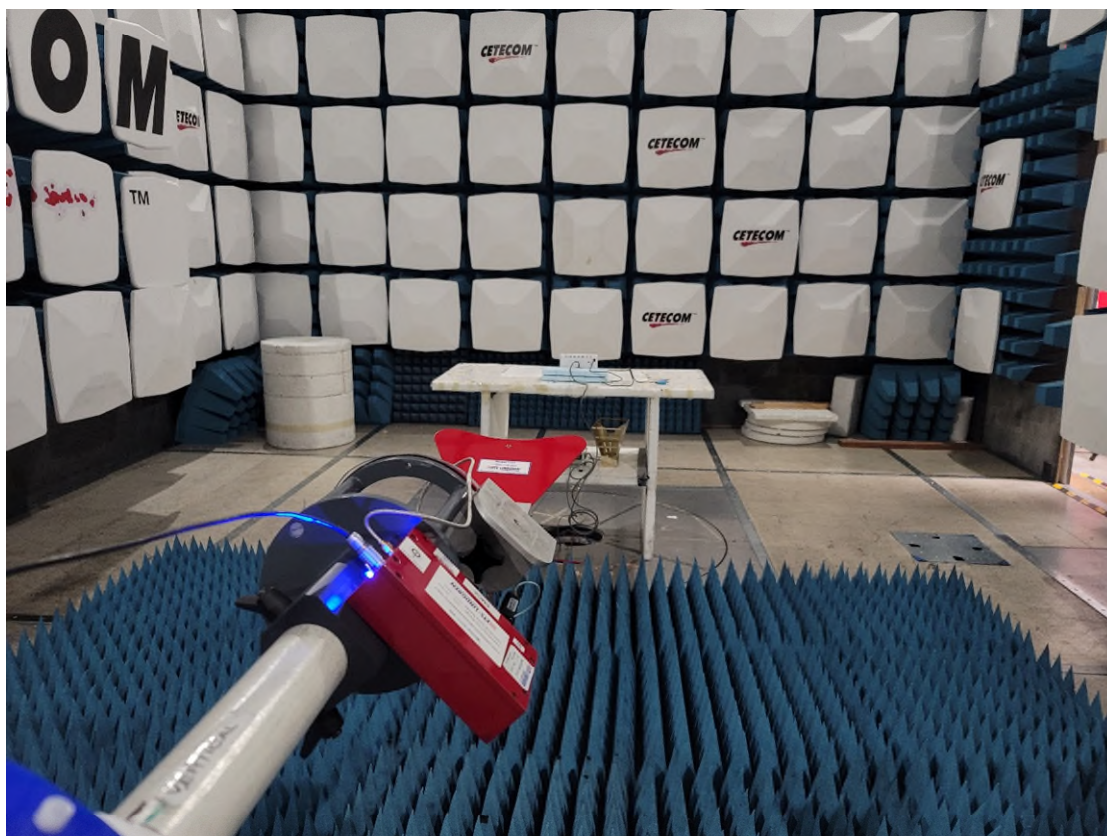
30 MHz to 1 GHz



1 GHz to 3 GHz



3 GHz to 18 GHz

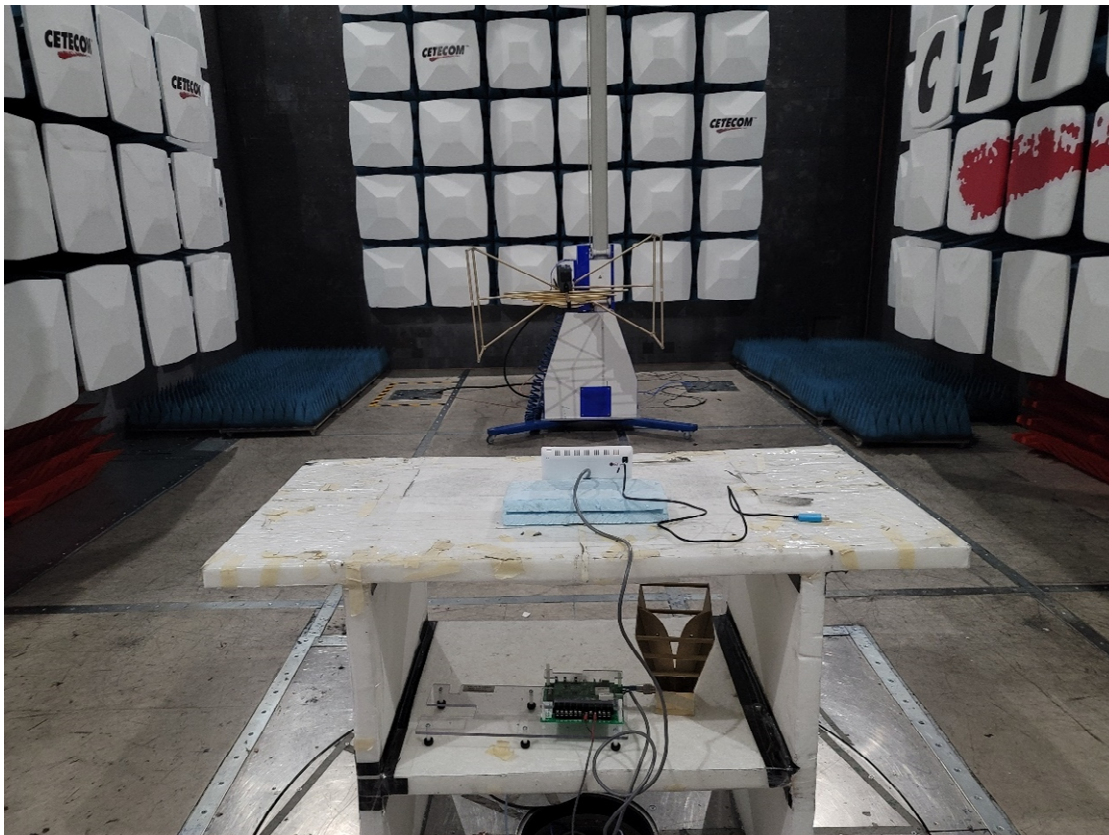


Intentional Radiated spurious emissions

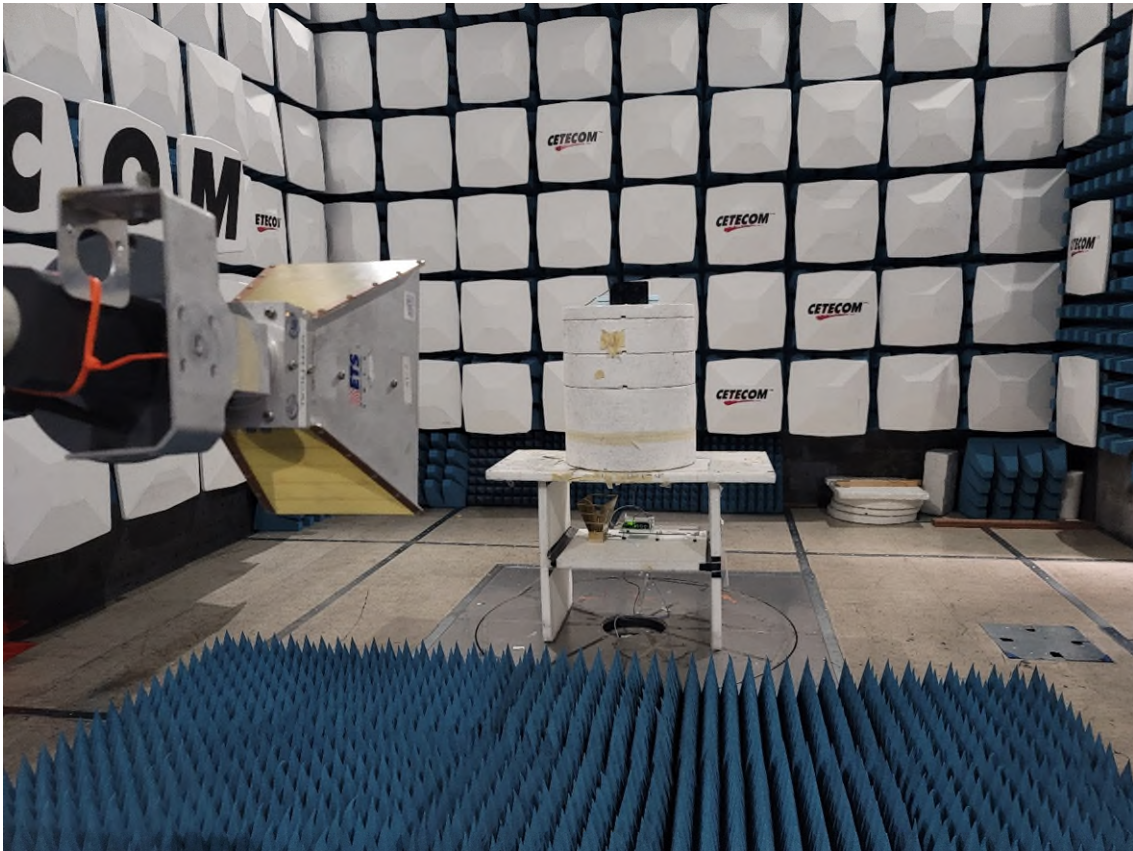
9 kHz to 30 MHz



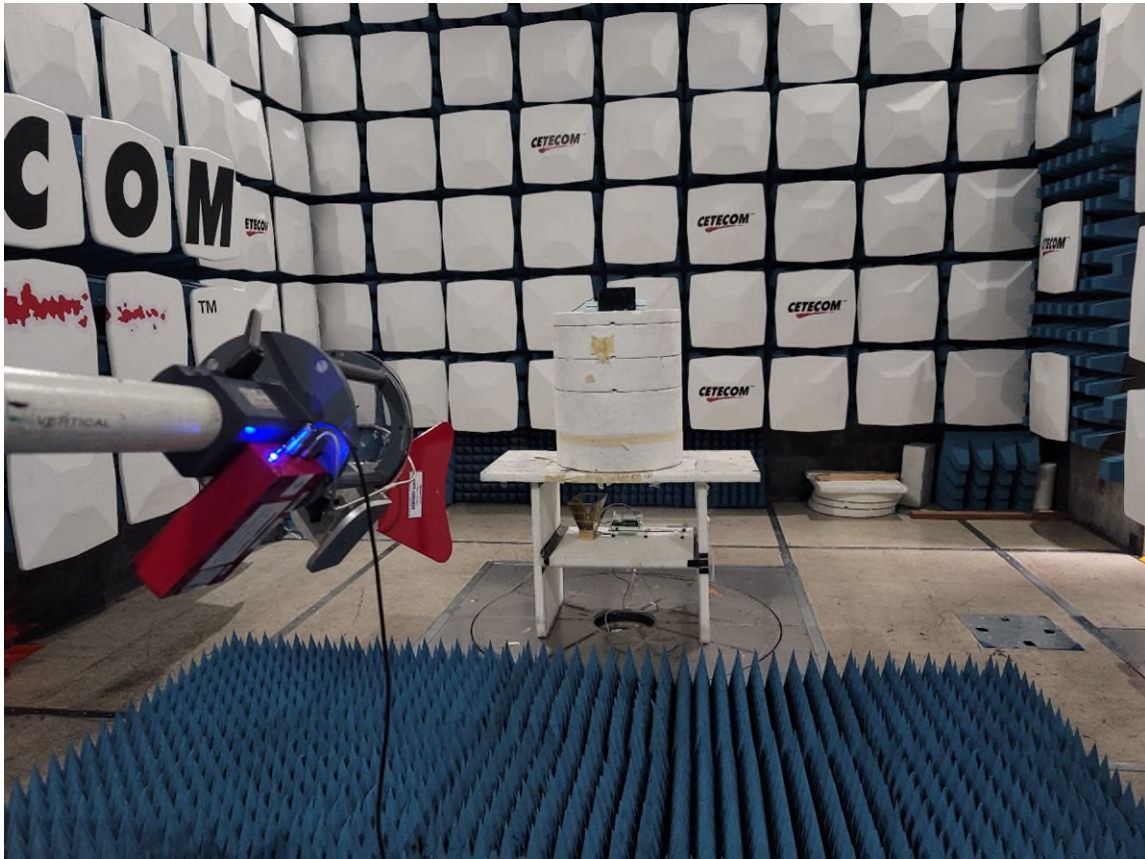
30 MHz to 1 GHz



1 GHz to 3 GHz



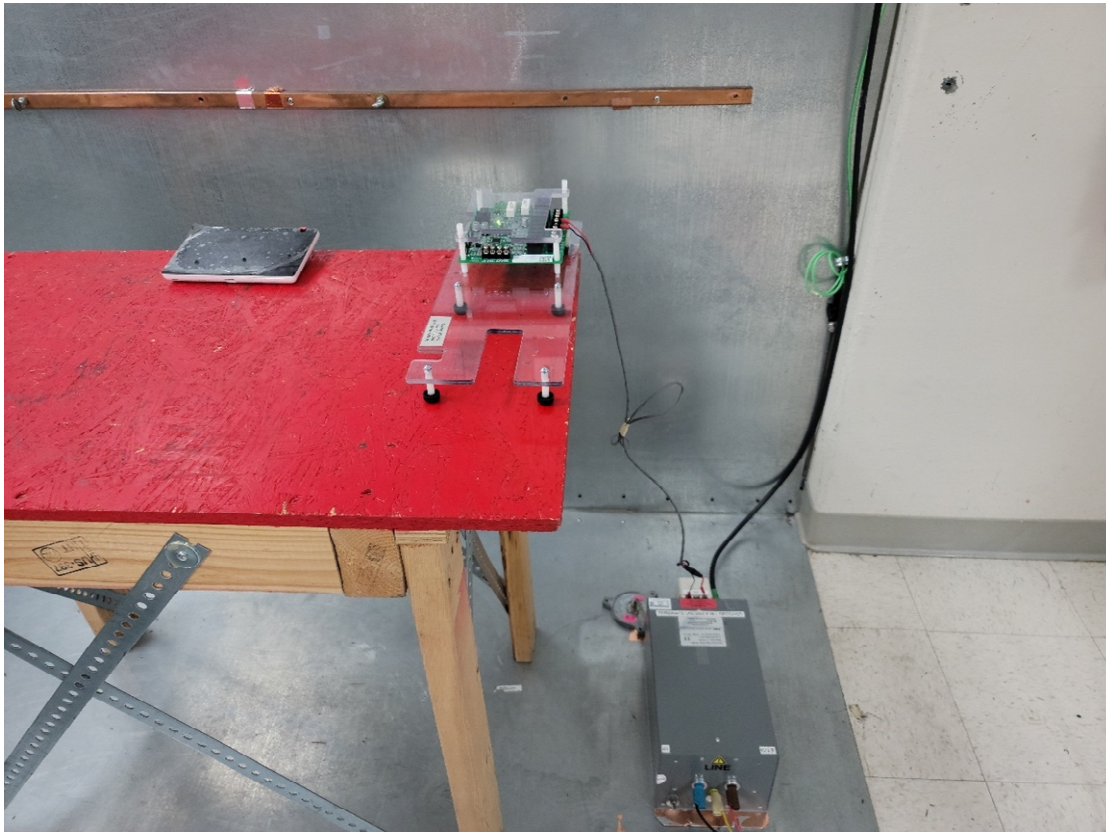
3 GHz to 18 GHz



18 to 40 GHz



AC Mains conducted emissions



Revision History

Date	Report Name	Changes to report	Report prepared by
7/1/2022	EMC_LENNX_007_21001_FCC_ISED_Setup_Photos	Initial Version	Issa Ghanma

<<< The End >>>

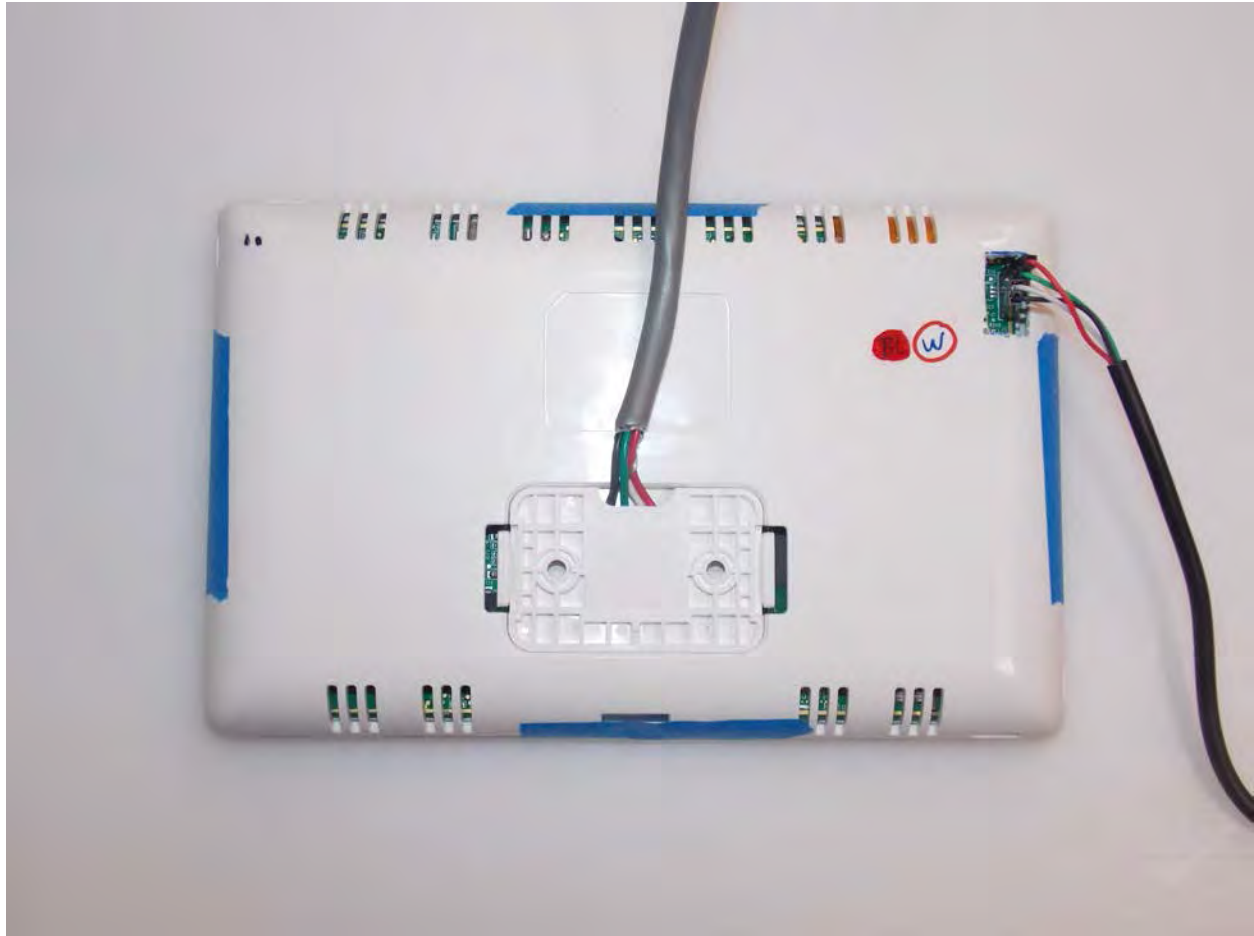
Appendix C – SAR Test Setup Photos



Test Position Front 0 mm Gap



Front of Device



Back of Device