

FCC 47 CFR PART 15 SUBPART F
SETUP PHOTOS EXHIBIT
FOR
ULTRA WIDEBAND ASSET SURVEILLANCE SENSOR
MODEL NUMBER: POLARIS
FCC ID: 2AK3W-POLARIS
REPORT NUMBER: R14672591-EP1
ISSUE DATE: 2023-04-03

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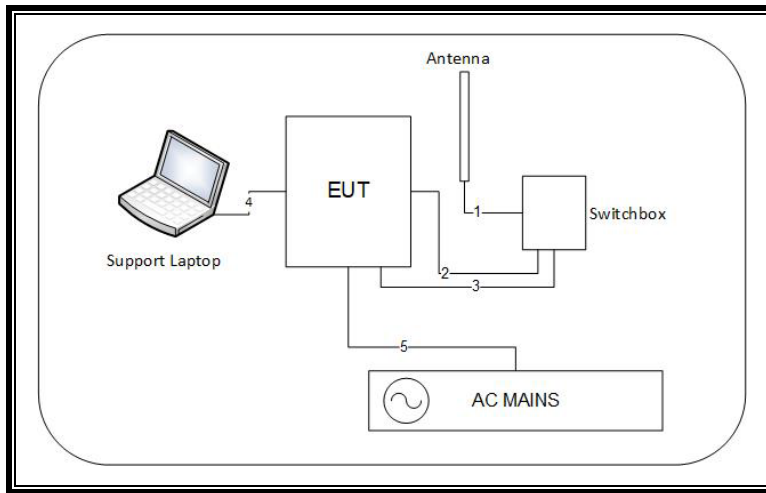
REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
1	2023-04-03	Initial Issue	Brian Kiewra

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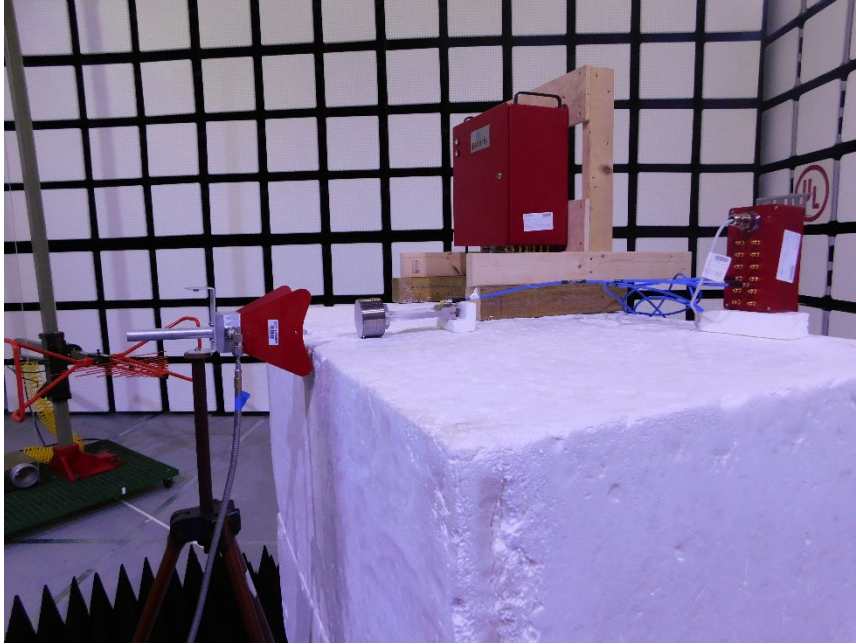
1. SETUP DIAGRAM FOR TESTS



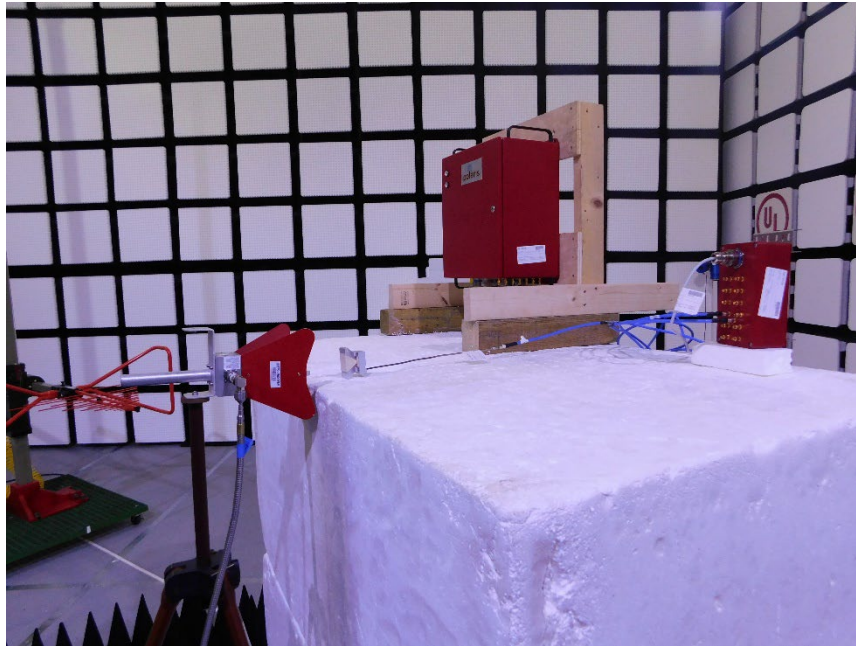
2. SETUP PHOTOS

OPERATING BANDWIDTH SETUP

INS ANTENNA

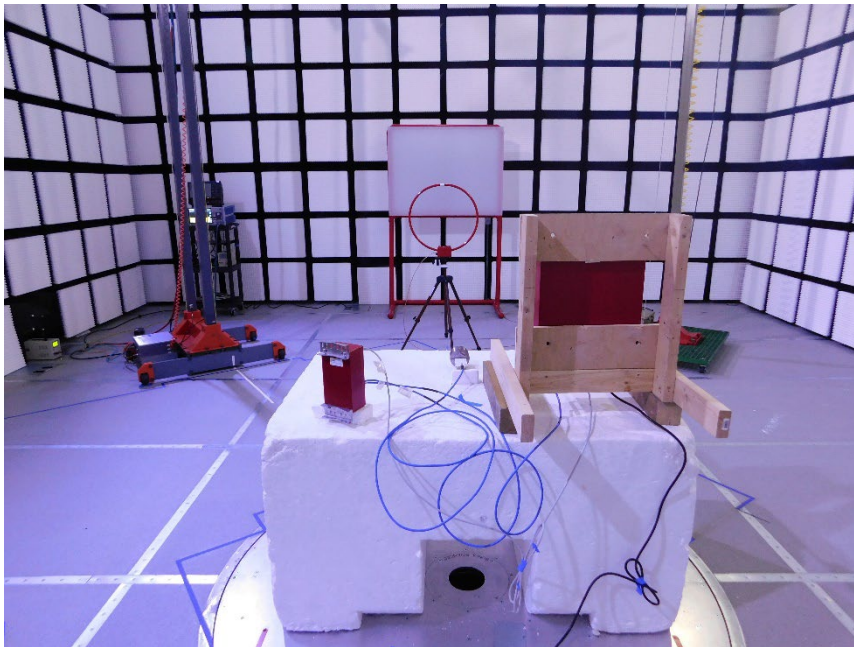
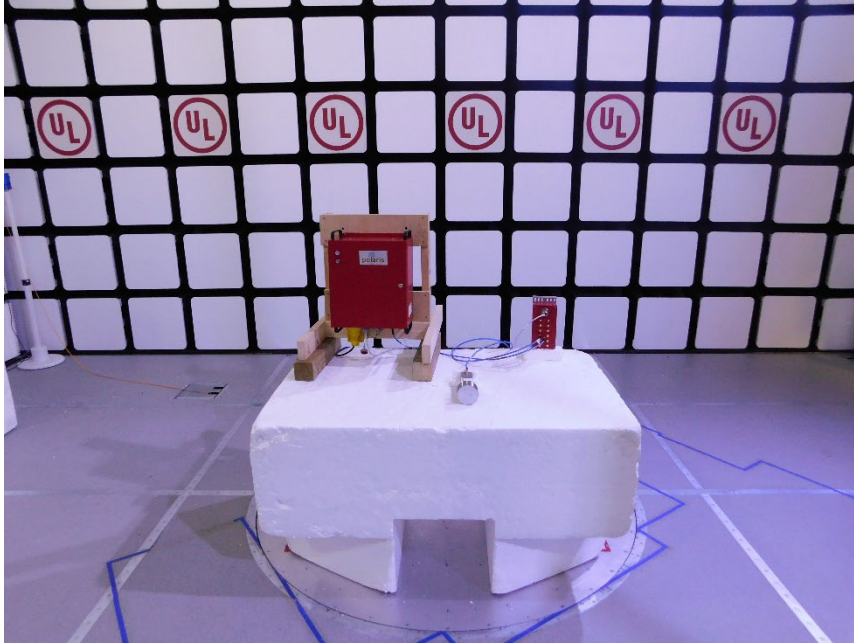


RTS ANTENNA

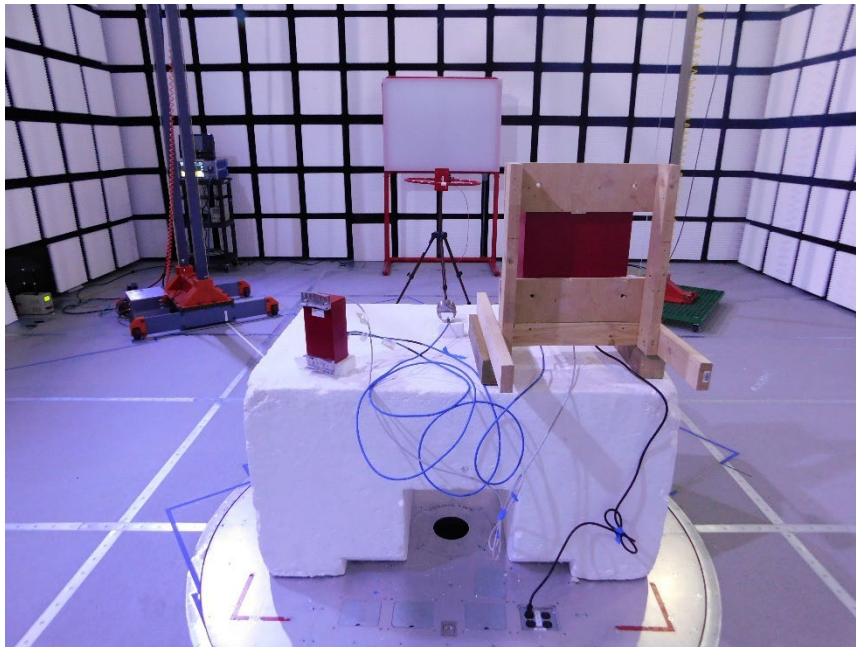
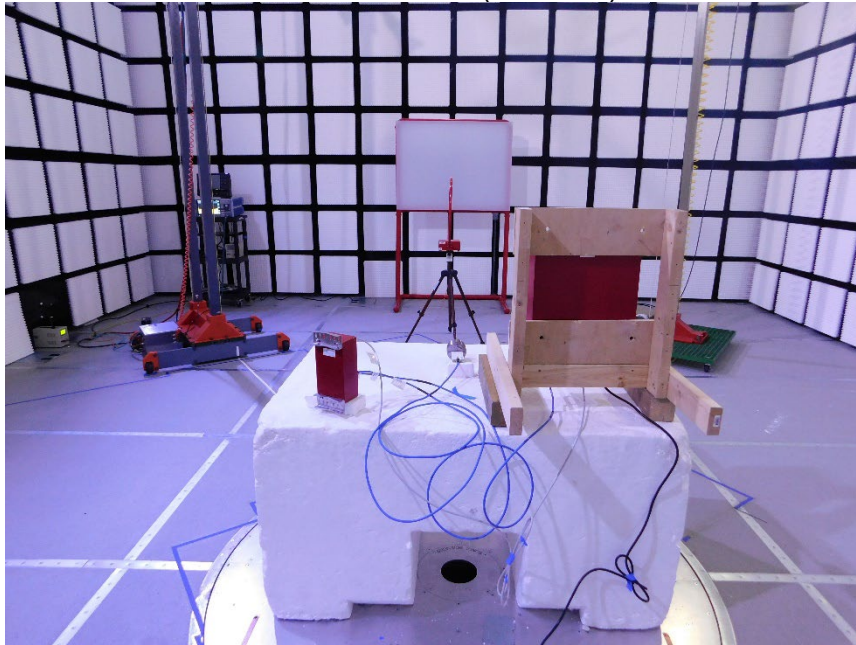


RADIATED RF MEASUREMENT SETUP

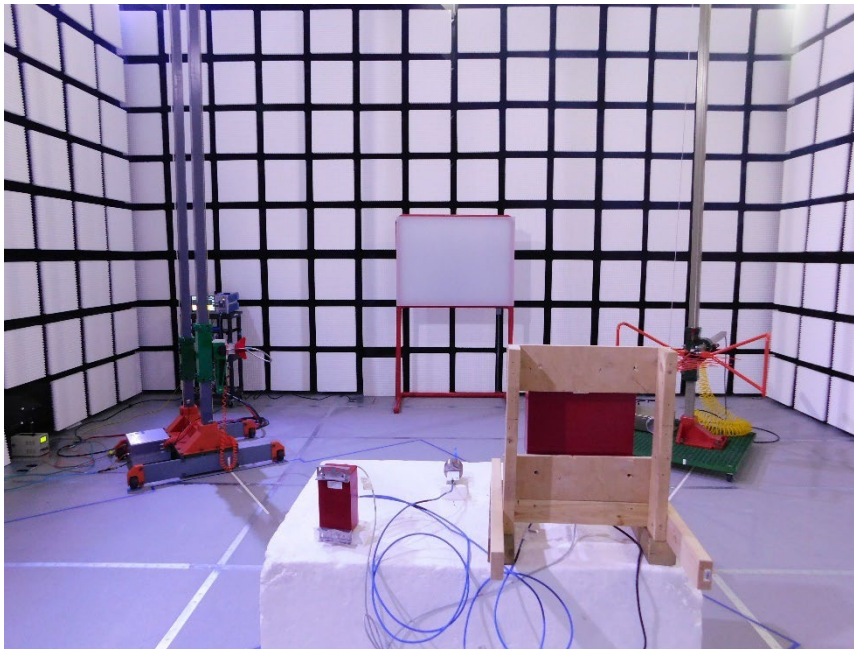
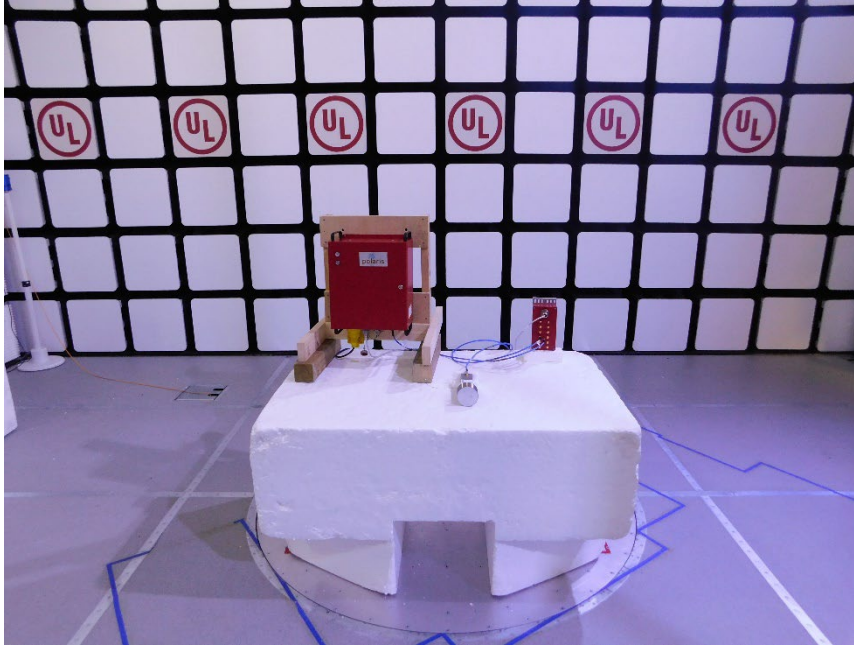
RADIATED PHOTO INS ANTENNA (<30 MHz)



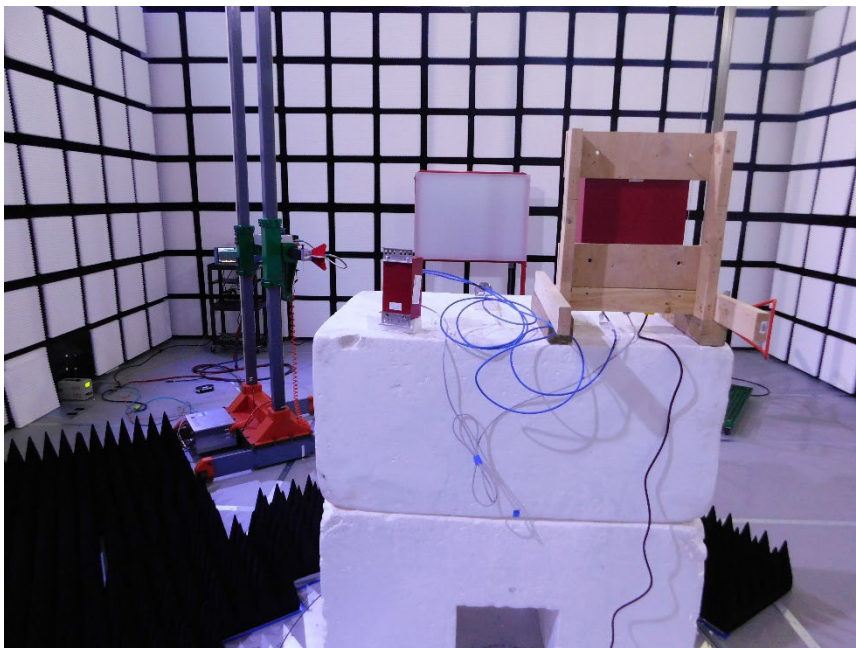
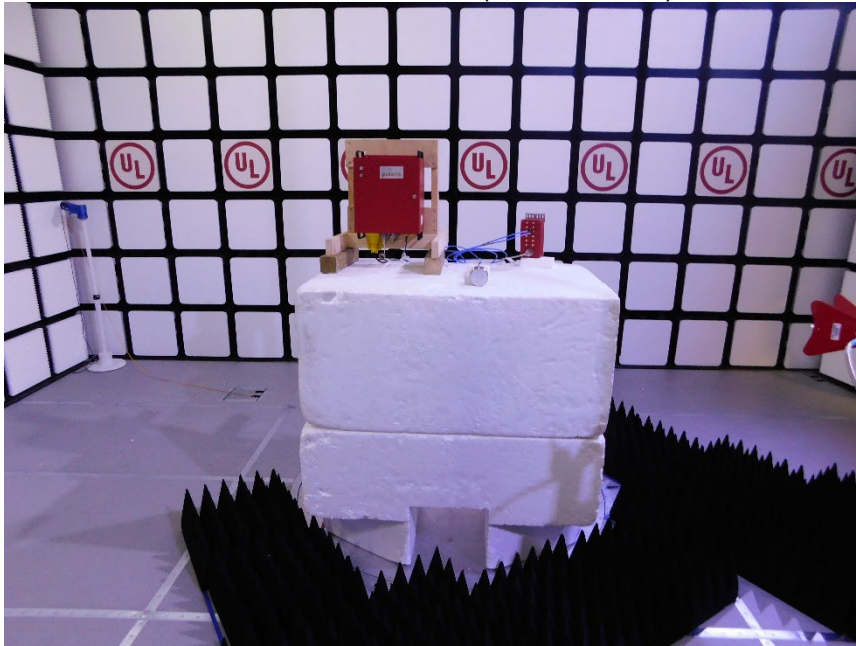
RADIATED PHOTO INS ANTENNA (<30 MHz)



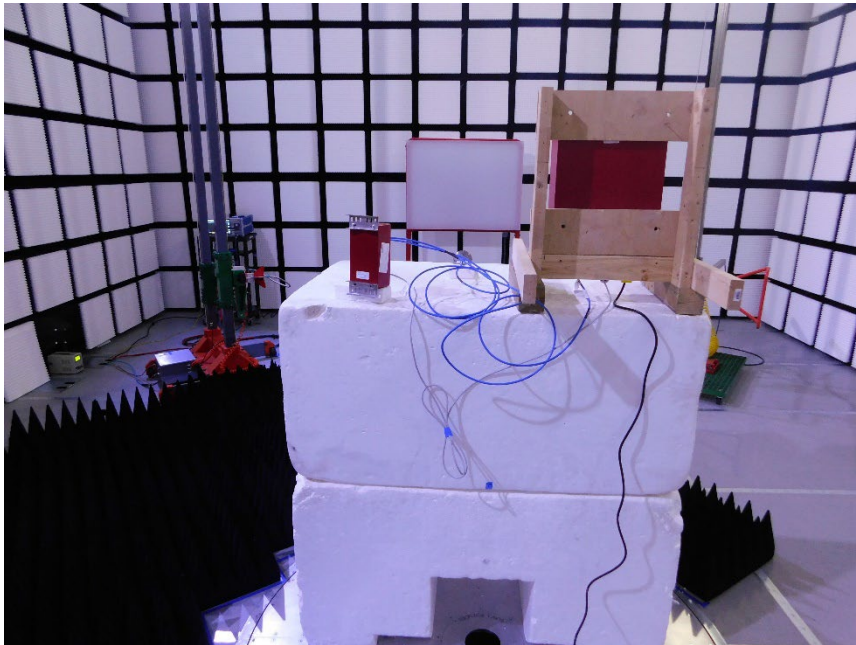
RADIATED PHOTO INS ANTENNA (30-960 MHz)



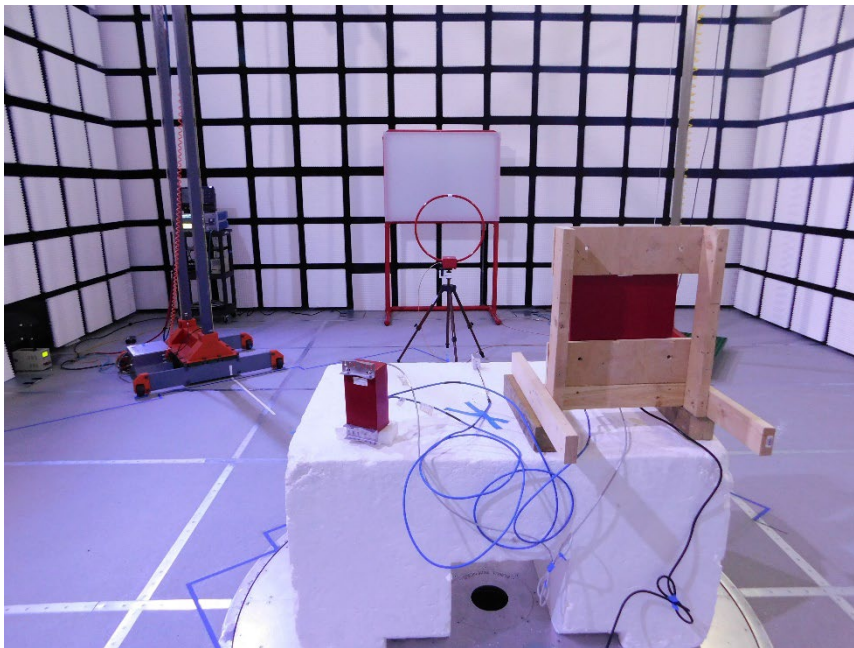
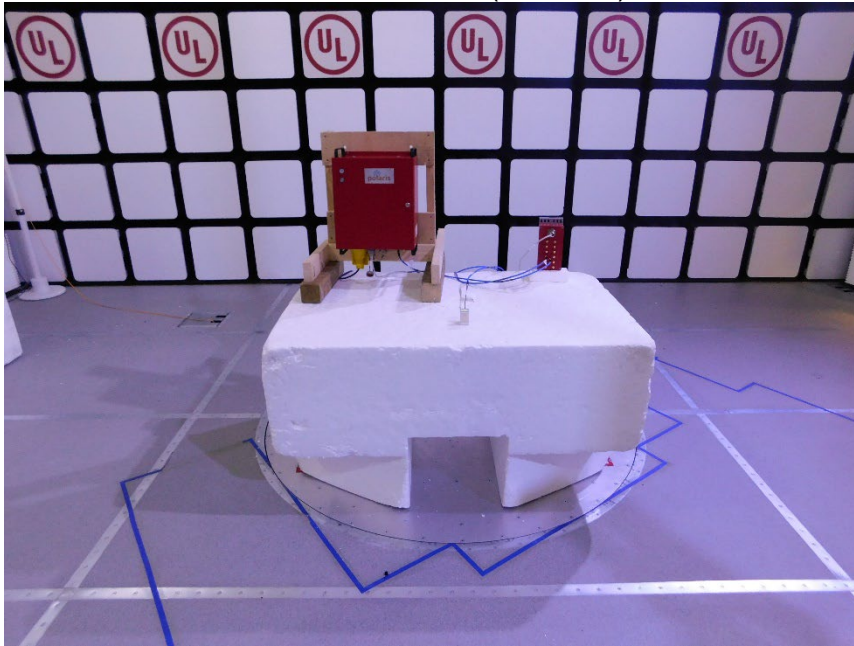
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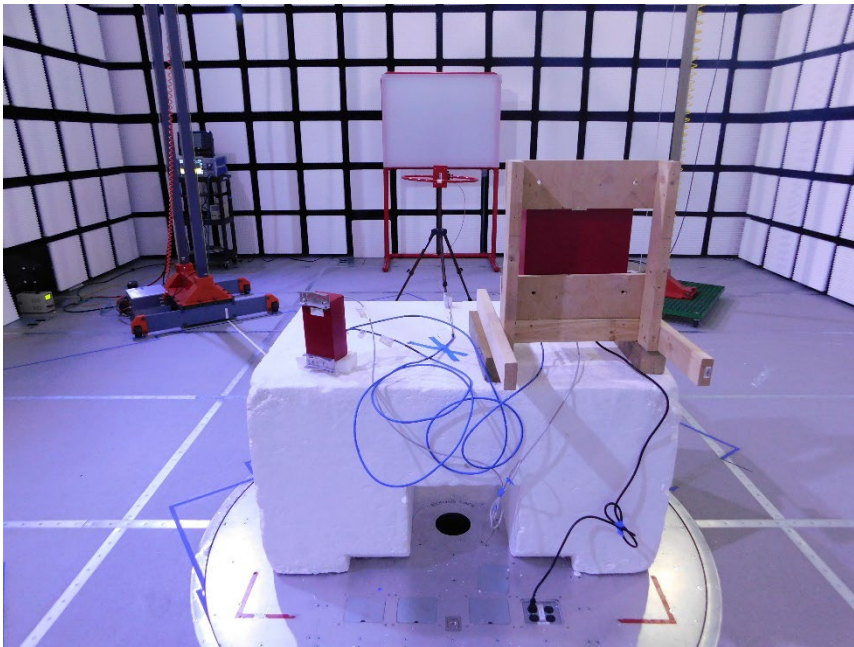
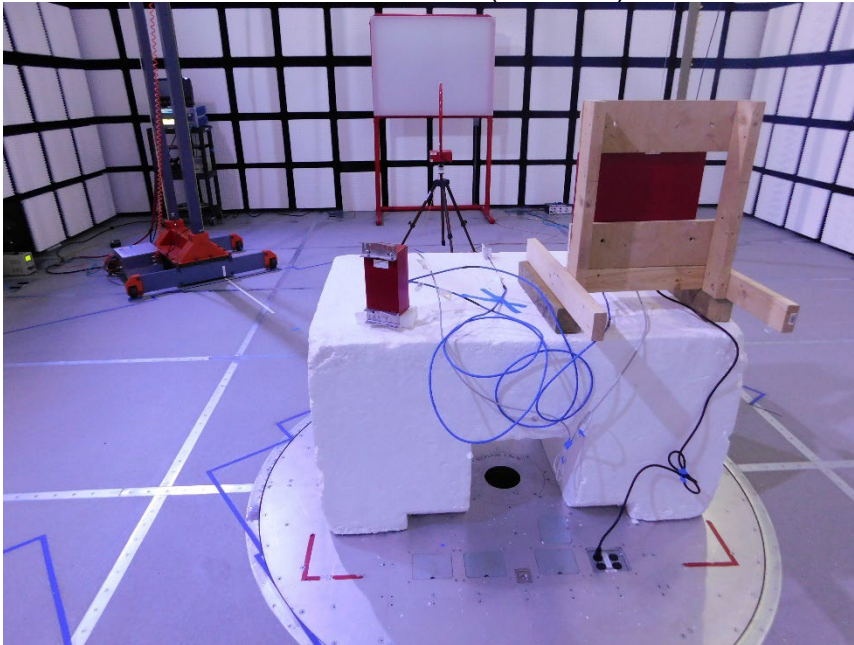
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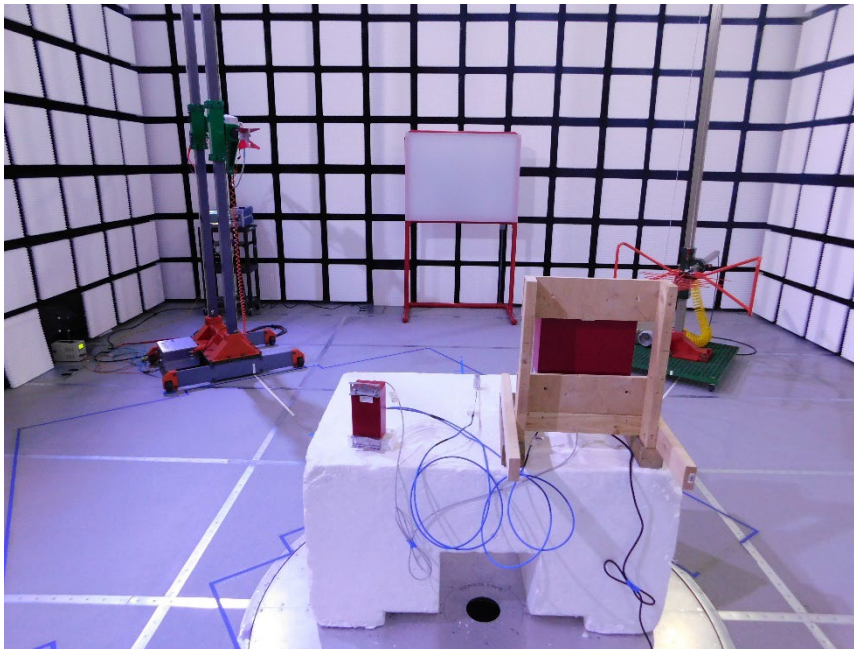
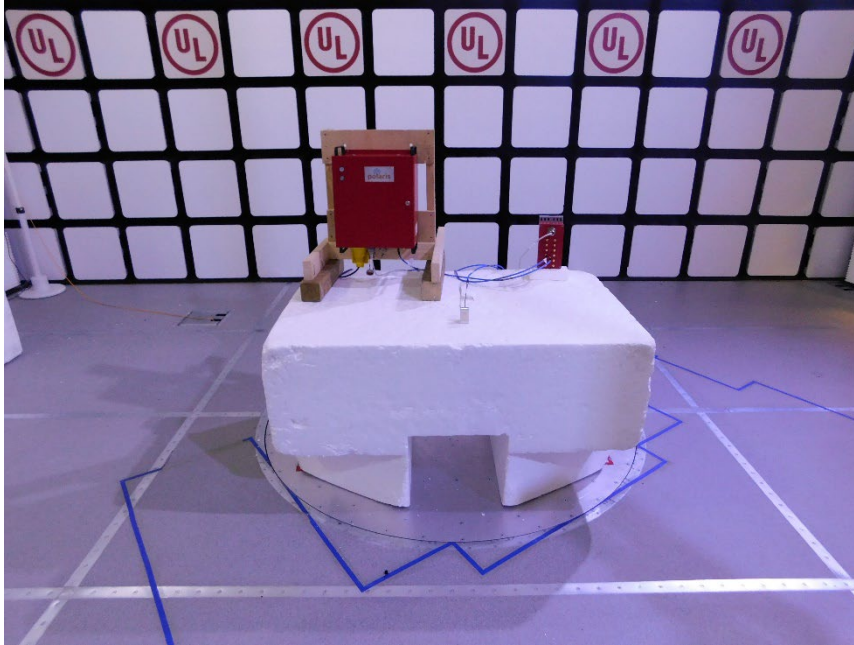
RADIATED PHOTO RTS ANTENNA (<30 MHz)



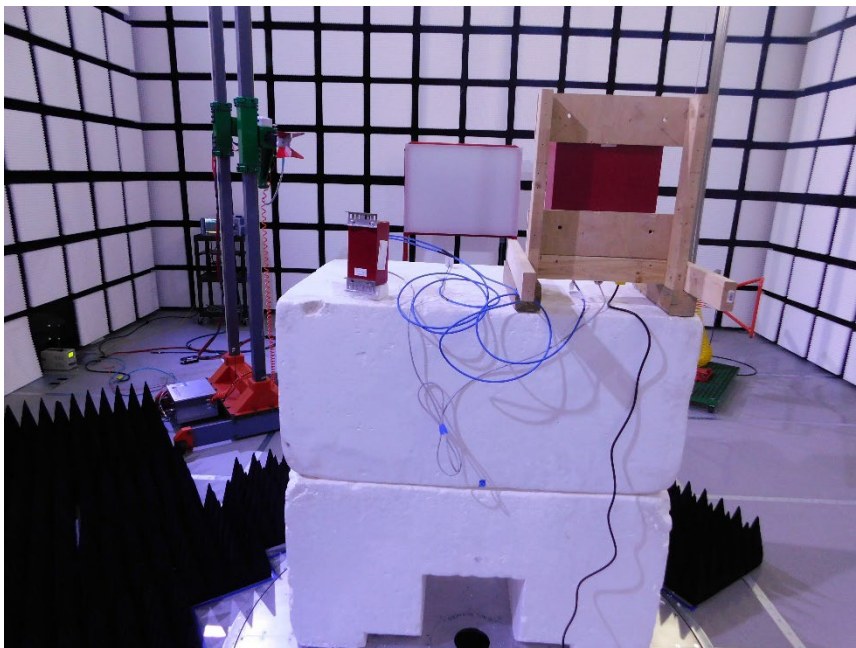
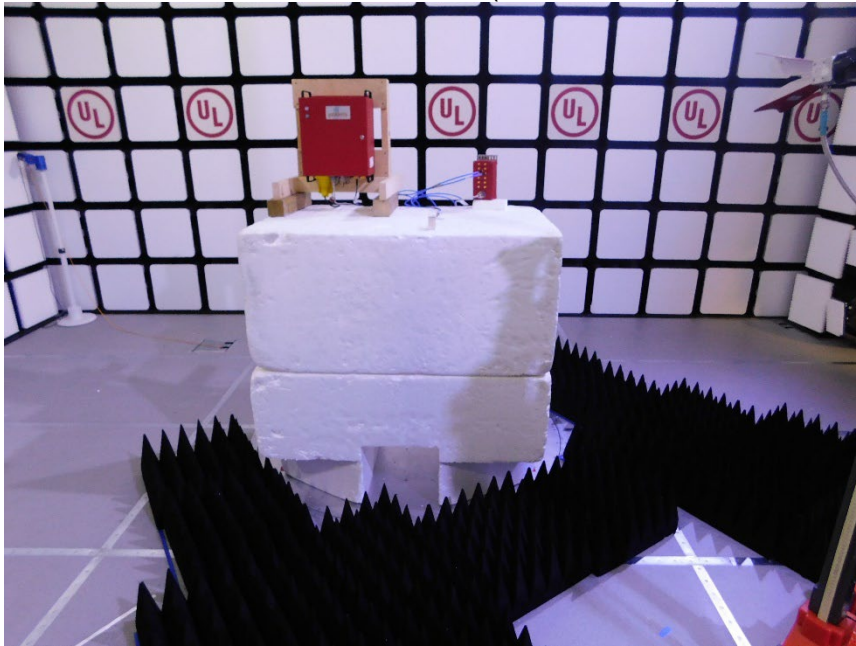
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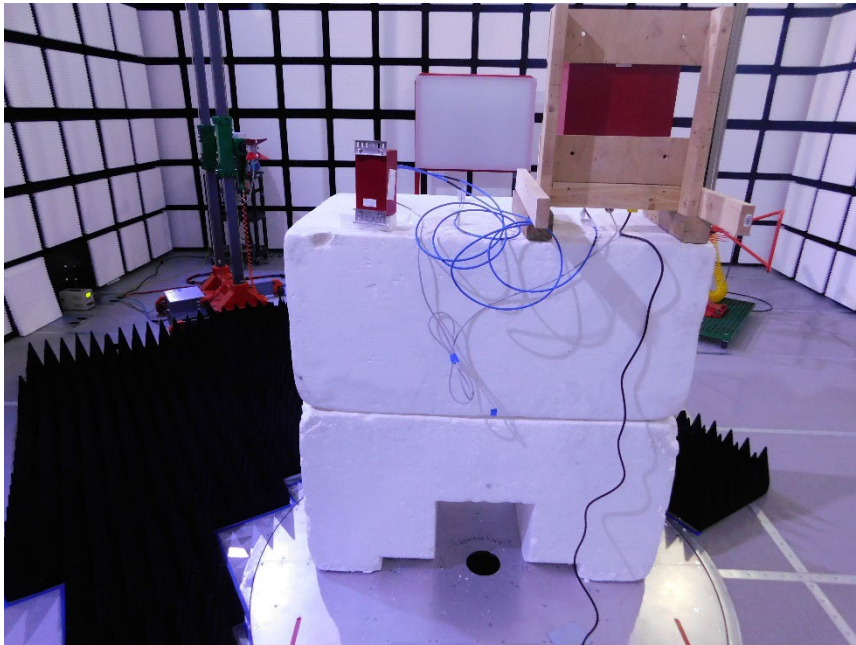
RADIATED PHOTO RTS ANTENNA (30-960 MHz)



RADIATED PHOTO RTS ANTENNA (>960MHz 2m)

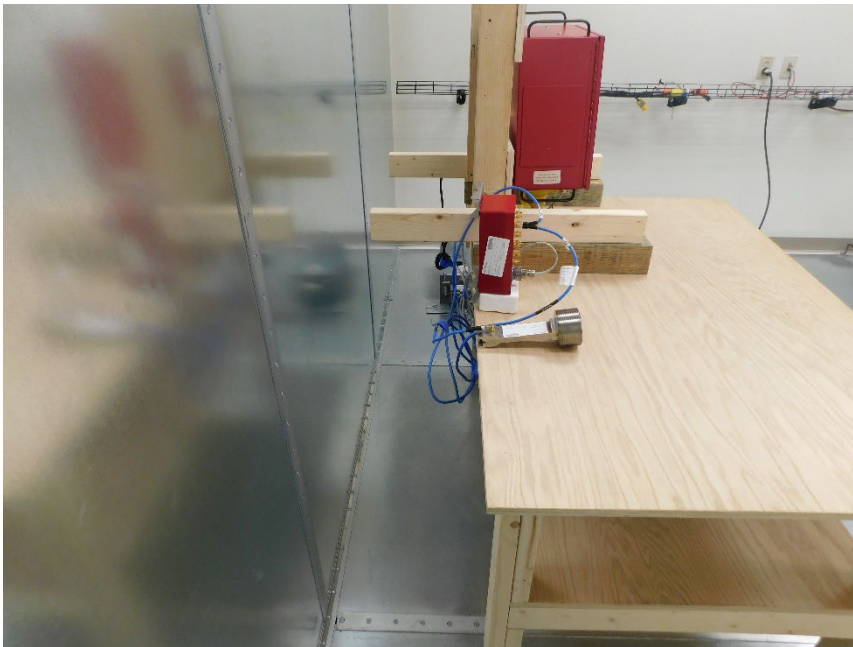
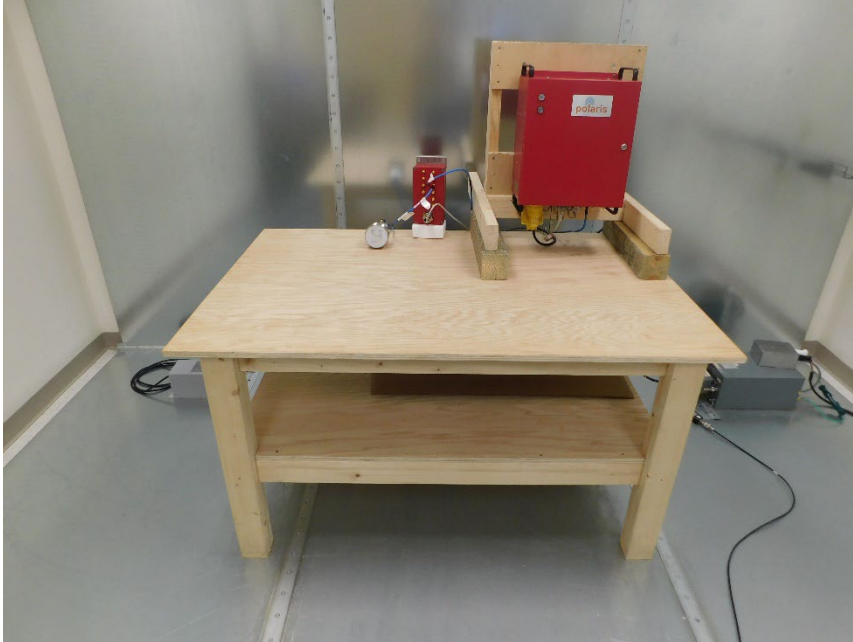


RADIATED PHOTO RTS ANTENNA (>960MHz 3m)

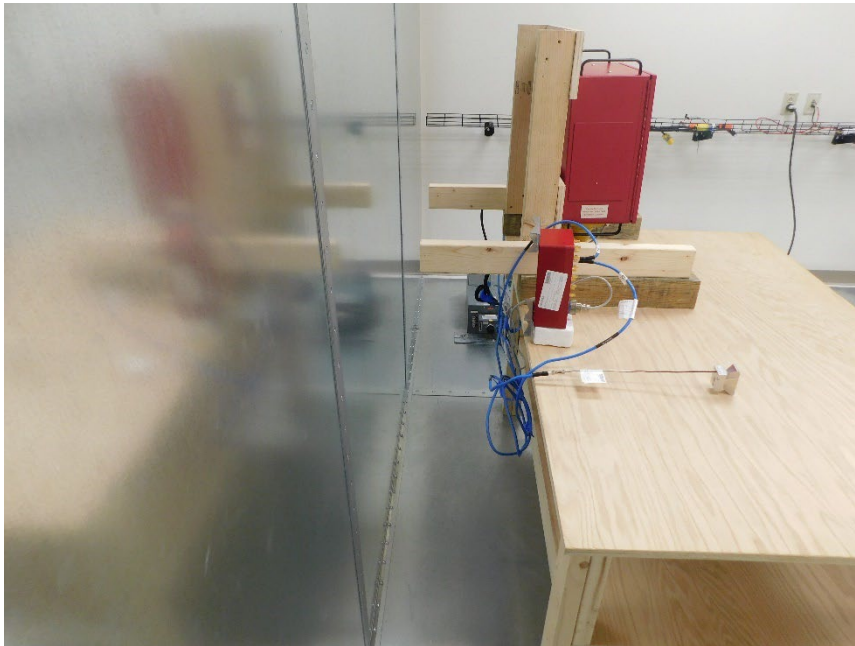
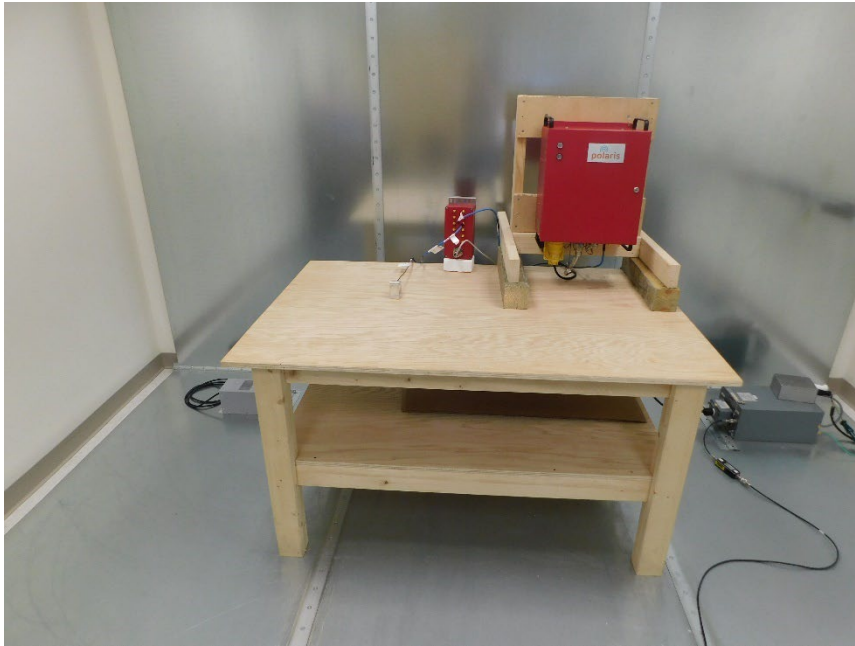


AC MAINS LINE CONDUCTED MEASUREMENT SETUP

INS ANTENNA



RTS ANTENNA



END OF TEST REPORT