

TEST SETUP PHOTOS

Report Number: 14040867-EP1V1

TABLE OF CONTENTS

1. SCOPE	2
2. A2649 SETUP PHOTOS	3
2.1. 2.4GHz & 5GHz TECHNOLOGIES	3
2.1.1. BT/BLE/HDR/DTS/UNII RADIATED RF MEASUREMENT SETUP	4
2.2. NFC TECHNOLOGY	6
2.2.1. RADIATED RF MEASUREMENT SETUP.....	7
2.3. WPT RADIATED AND AC LINE CONDUCTED SETUP	8
2.4. WWAN TECHNOLOGIES	9
2.5. UWB TECHNOLOGIES SETUP	10
2.5.1. RADIATED RF MEASUREMENT SETUP.....	11
2.6. CBSD SETUP PHOTO	14
2.7. RF EXPOSURE SETUP PHOTO	15
2.8. DYNAMIC FREQUENCY SELECTION MEASUREMENT SETUP	21

1. SCOPE

The purpose of this document is to show test setup diagrams and photos for the following reports;

Reports
14040867

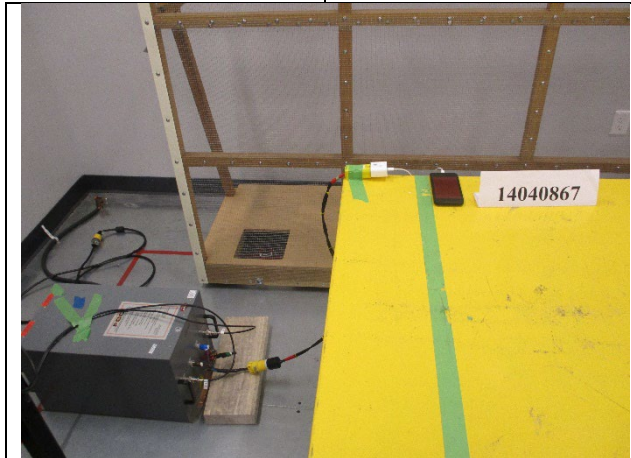
2. A2649 SETUP PHOTOS

2.1. 2.4GHz & 5GHz TECHNOLOGIES

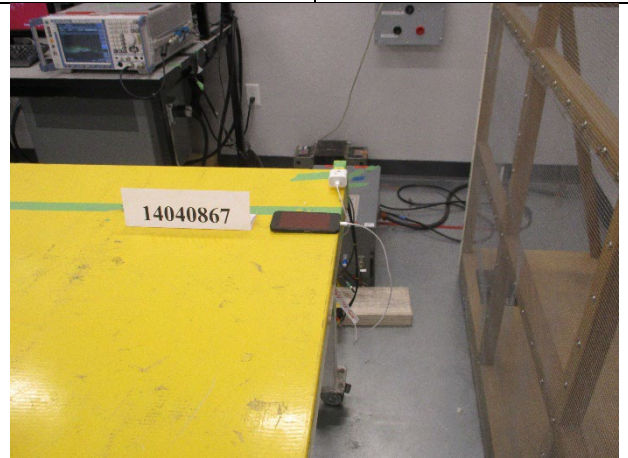
ANTENNA PORT AND AC LINE CONDUCTED SETUP



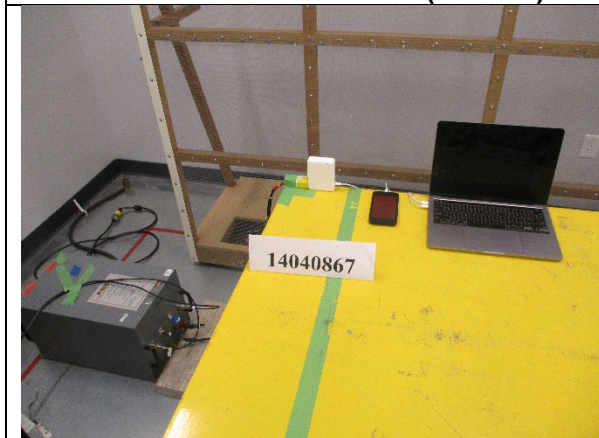
RF ANTENNA PORT CONDUCTED



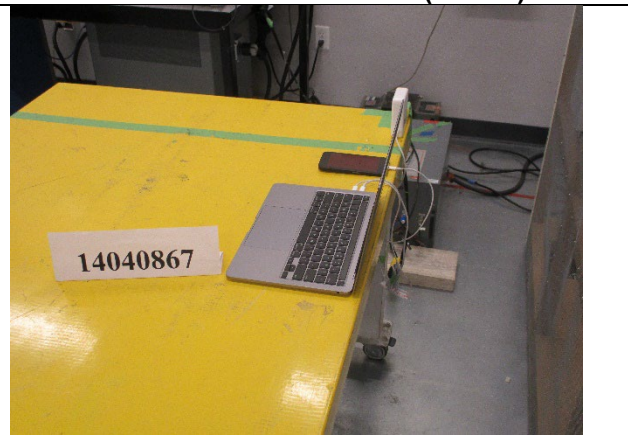
AC LINE CONDUCTED (FRONT)



AC LINE CONDUCTED (BACK)

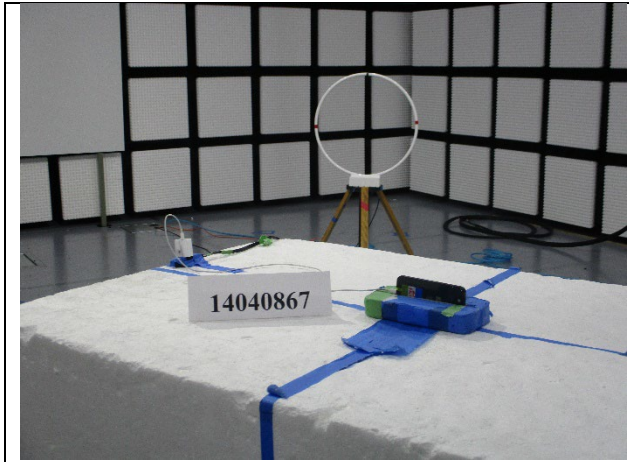


**AC LINE CONDUCTED WITH HOST
(FRONT)**

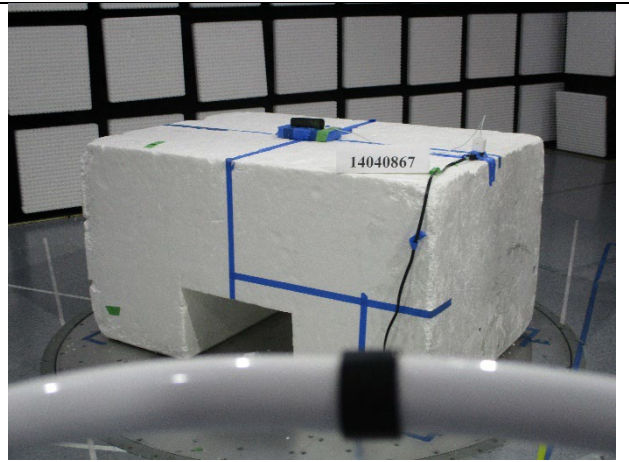


AC LINE CONDUCTED WITH HOST (BACK)

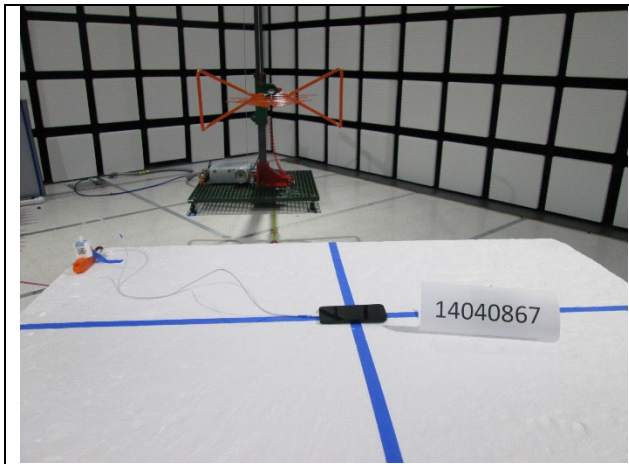
2.1.1. BT/BLE/HDR/DTS/UNII RADIATED RF MEASUREMENT SETUP



FCC BELOW 30MHz (FRONT)



FCC BELOW 30MHz (BACK)



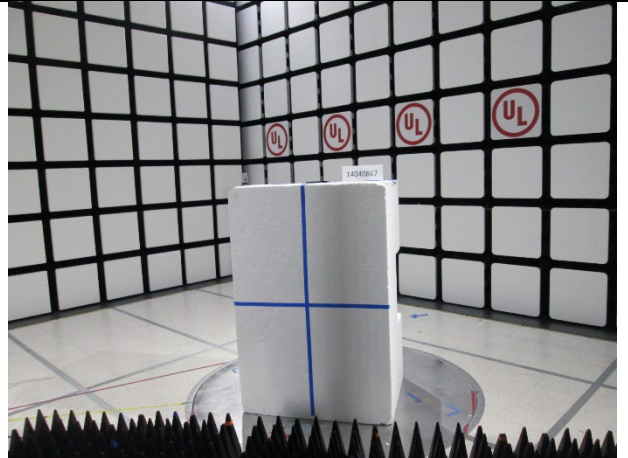
FCC BELOW 1GHz (FRONT)



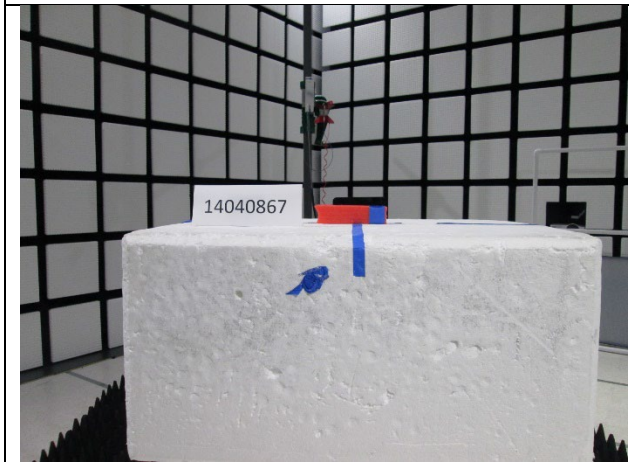
FCC BELOW 1GHz (BACK)



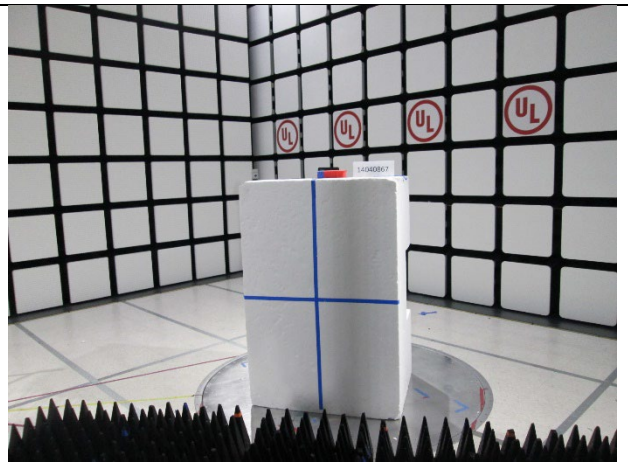
ABOVE 1GHz X-Axis Front



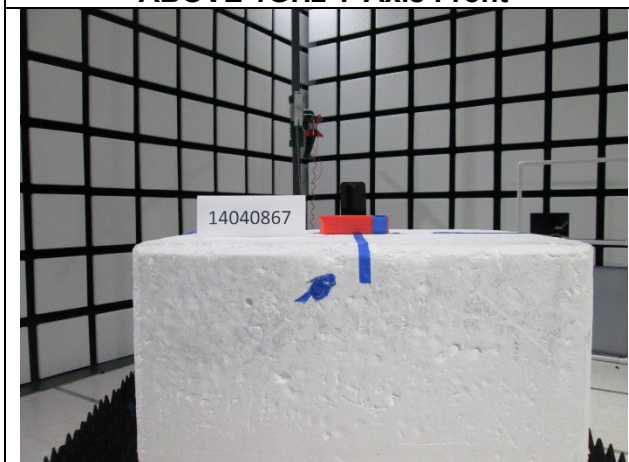
ABOVE 1GHz X-Axis Back



ABOVE 1GHz Y-Axis Front



ABOVE 1GHz Y-Axis Back



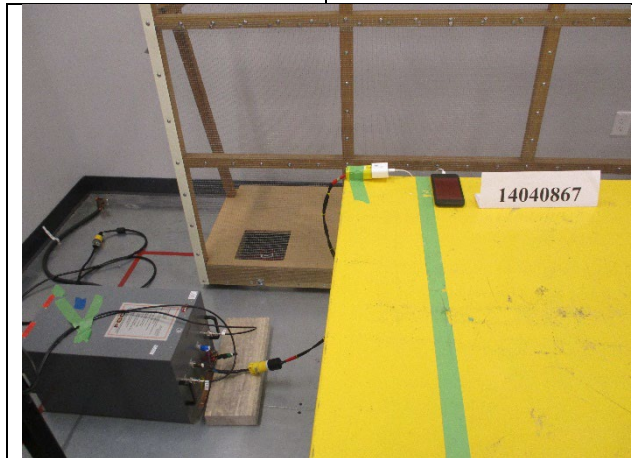
ABOVE 1GHz Z-Axis Front



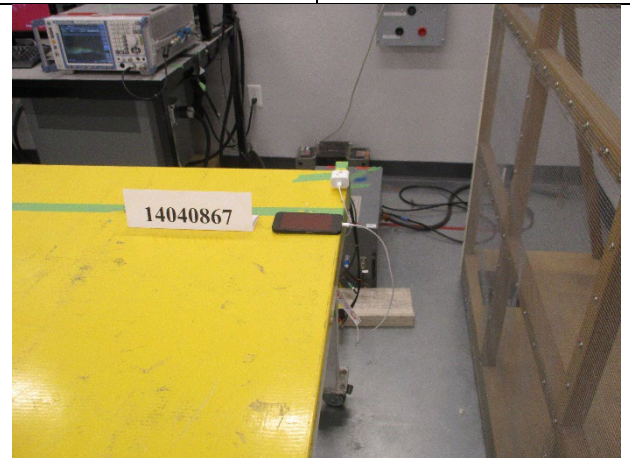
ABOVE 1GHz Z-Axis Back

2.2. NFC TECHNOLOGY

FREQ TOLERANCE AND AC LINE CONDUCTED SETUP

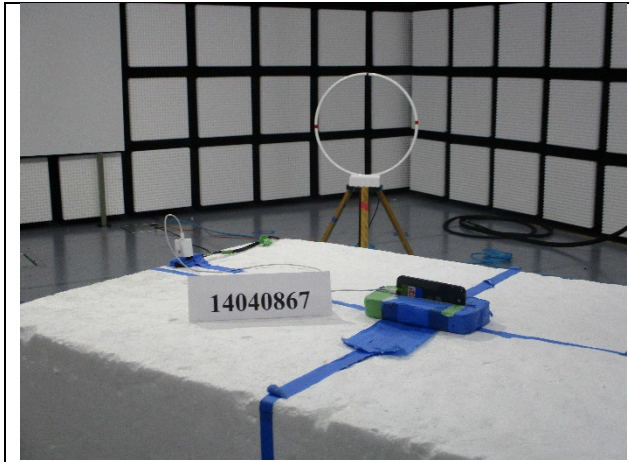


AC LINE CONDUCTED (FRONT)

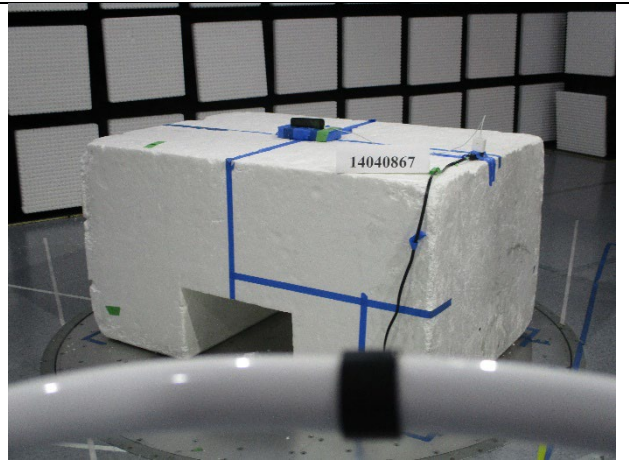


AC LINE CONDUCTED (BACK)

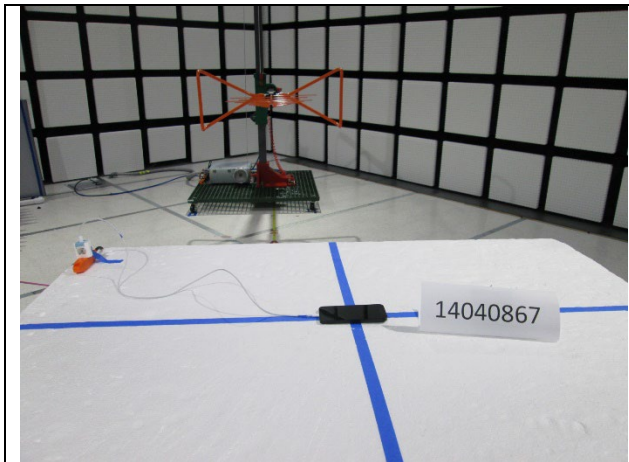
2.2.1. RADIATED RF MEASUREMENT SETUP



FCC BELOW 30MHz (FRONT)



FCC BELOW 30MHz (BACK)

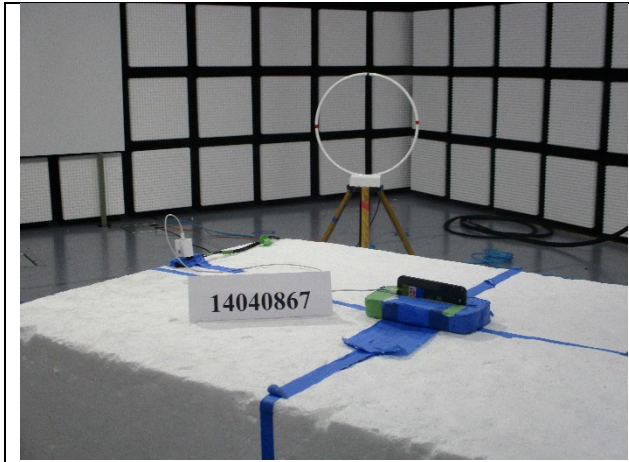


FCC BELOW 1GHz (FRONT)



FCC BELOW 1GHz (BACK)

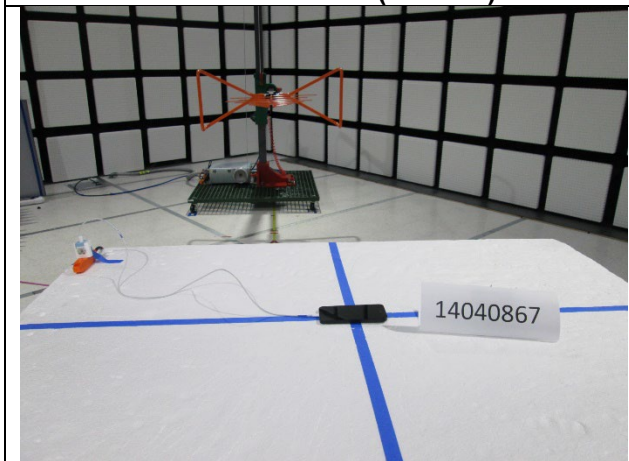
2.3. WPT RADIATED AND AC LINE CONDUCTED SETUP



BELOW 30 MHz (FRONT)



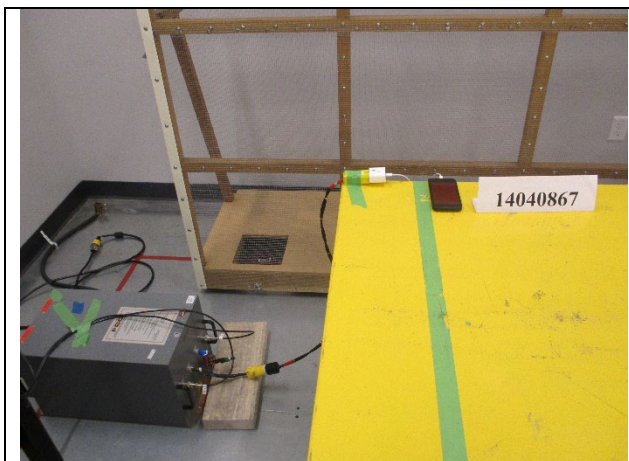
BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

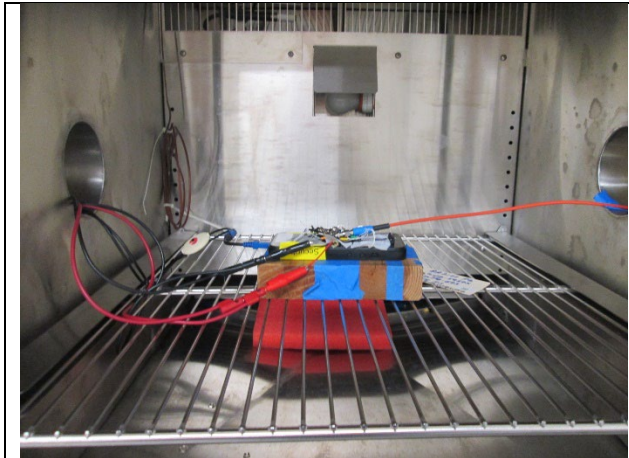


AC LINE CONDUCTED (FRONT)

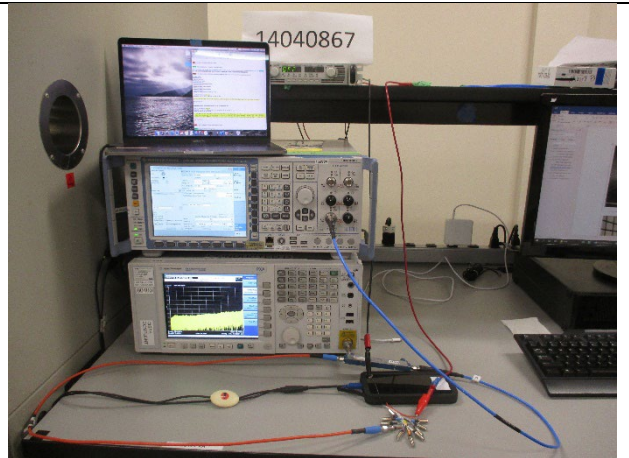


AC LINE CONDUCTED (BACK)

2.4. WWAN TECHNOLOGIES



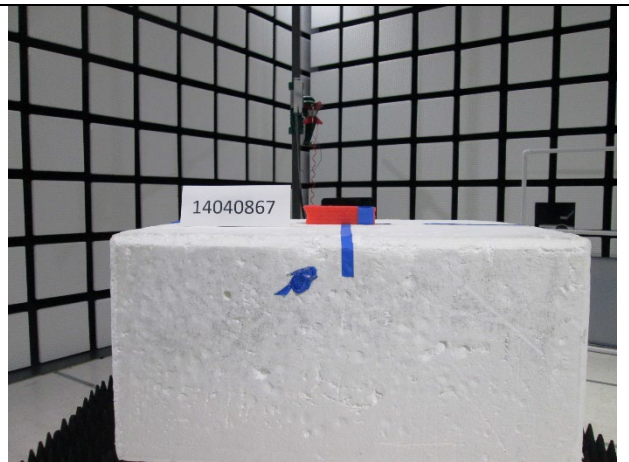
FREQUENCY STABILITY



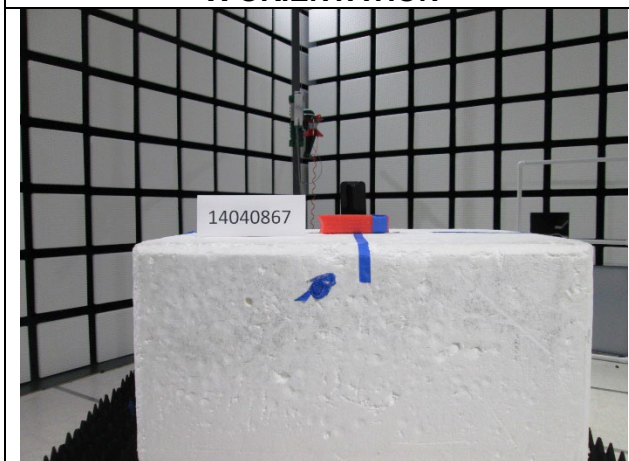
RF ANTENNA PORT CONDUCTED



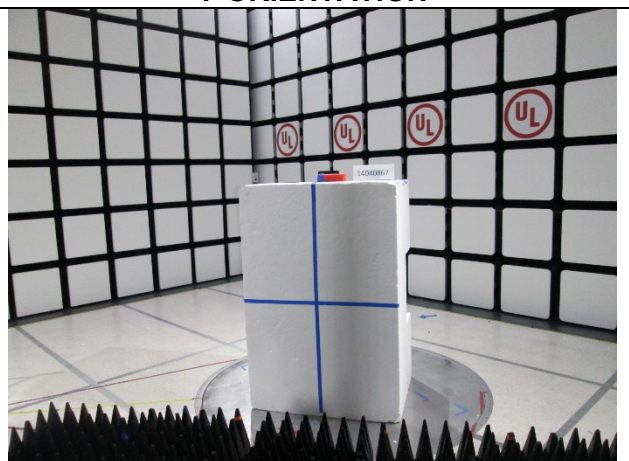
X-ORIENTATION



Y-ORIENTATION

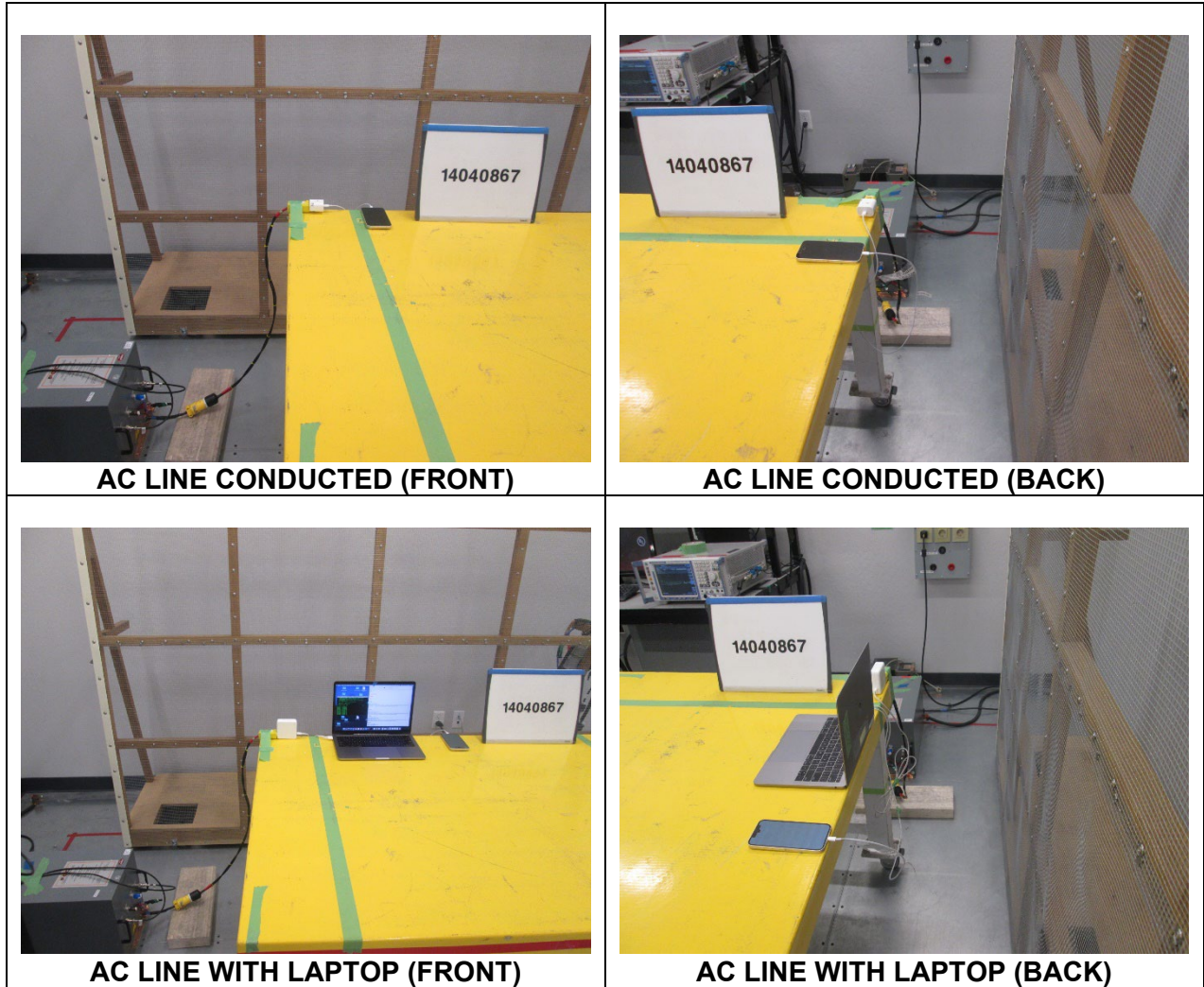


Z-ORIENTATION



Zoom Out

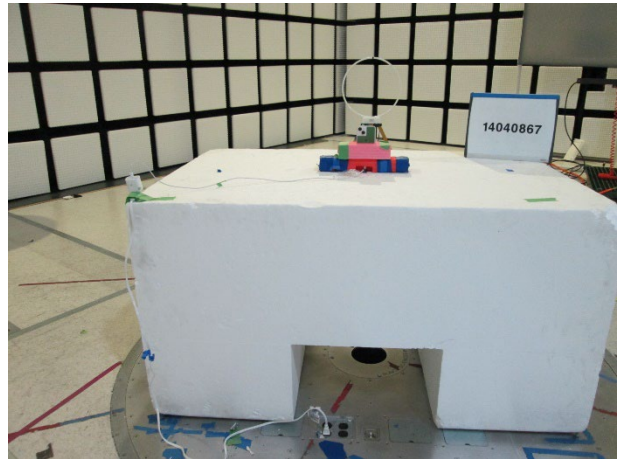
2.5. UWB TECHNOLOGIES SETUP



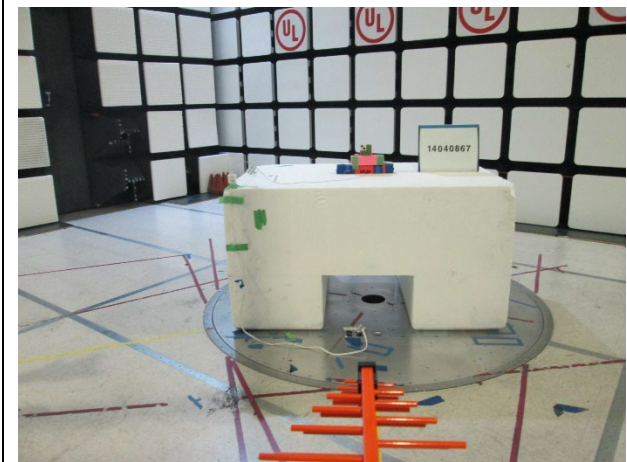
2.5.1. RADIATED RF MEASUREMENT SETUP



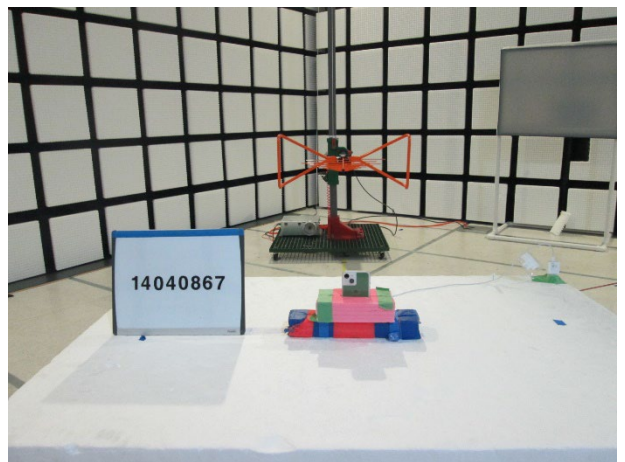
BELOW 30 MHz (FRONT)



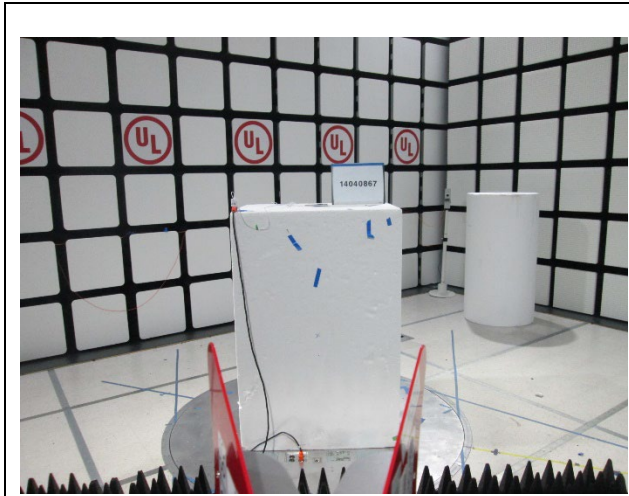
BELOW 30 MHz (BACK)



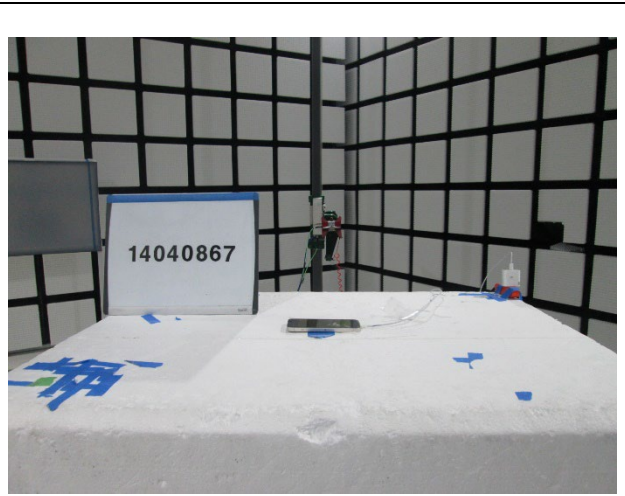
BELOW 0.96 GHz (FRONT)



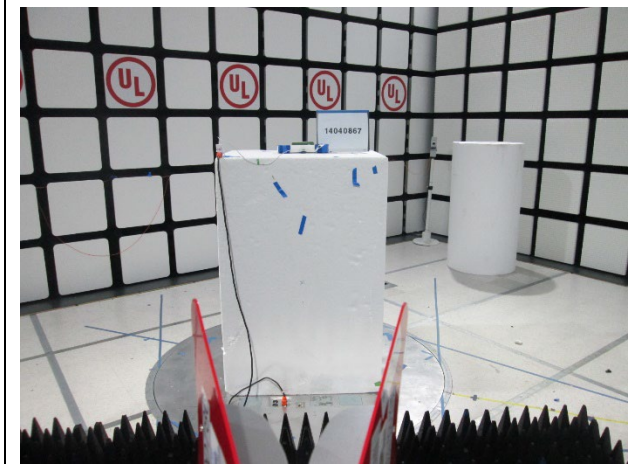
BELOW 0.96 GHz (BACK)



ABOVE 1GHz X-Axis Front



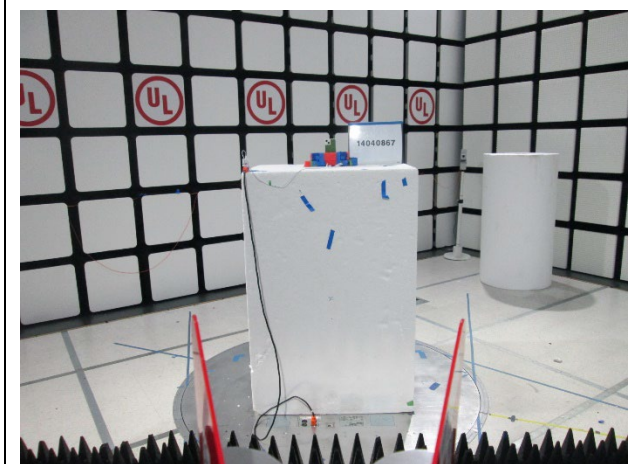
ABOVE 1GHz X-Axis Back



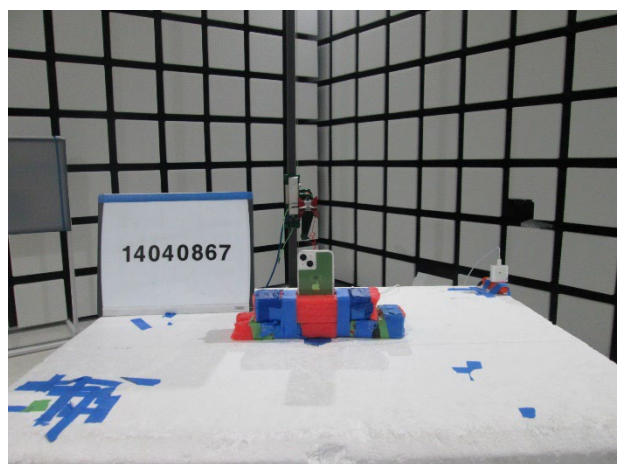
ABOVE 1GHz Y-Axis Front



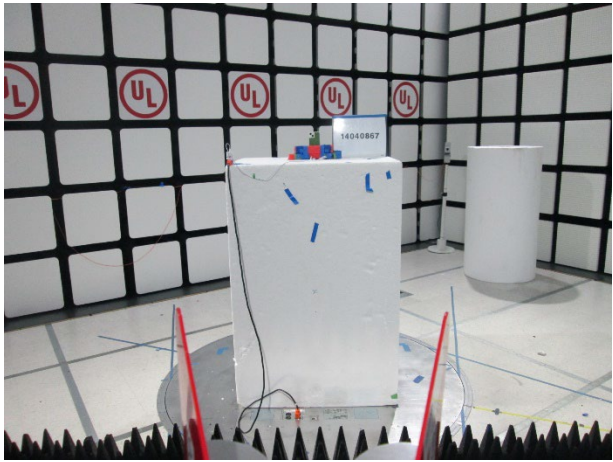
ABOVE 1GHz Y-Axis Back



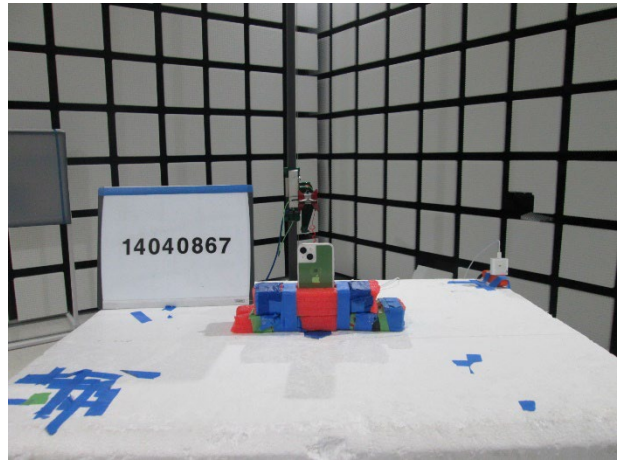
ABOVE 1GHz Z-Axis Front



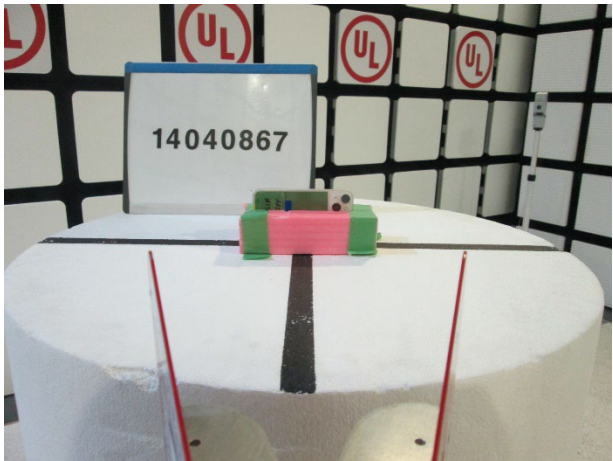
ABOVE 1GHz Z-Axis Back



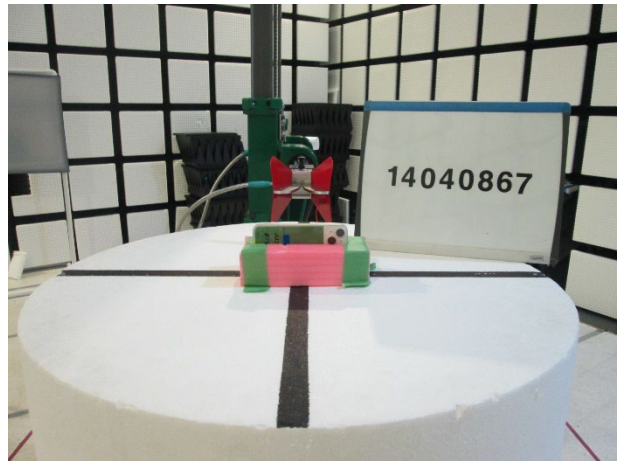
Fundamental 6 - 9 GHz (FRONT)



Fundamental 6 - 9 GHz (BACK)



0.96 - 18 GHz (FRONT)



0.96 - 18 GHz (BACK)

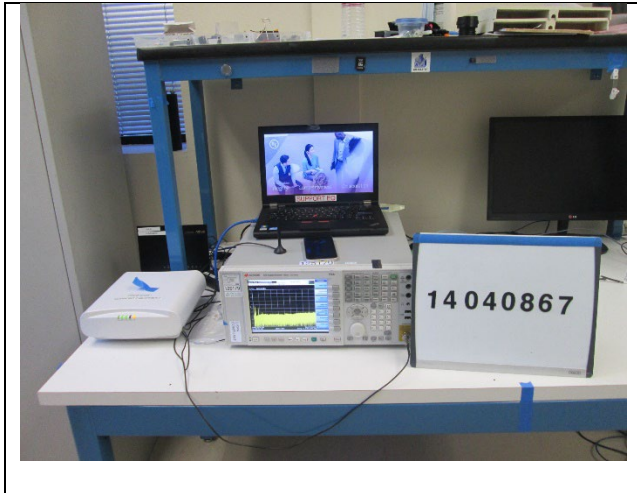


18 - 40 GHz (FRONT)



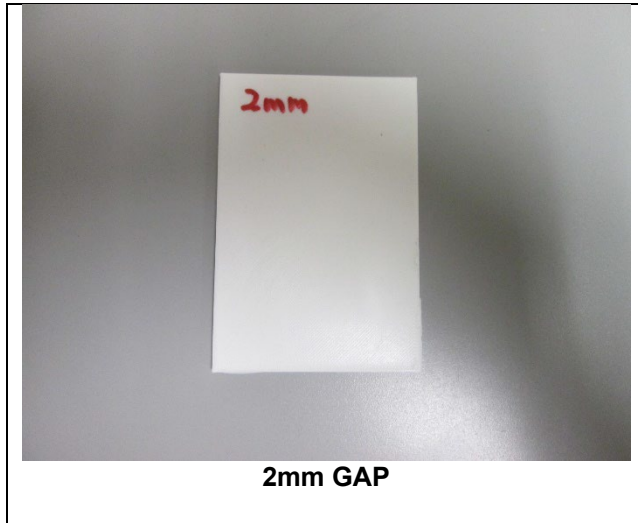
18 - 40 GHz (BACK)

2.6. CBSD SETUP PHOTO



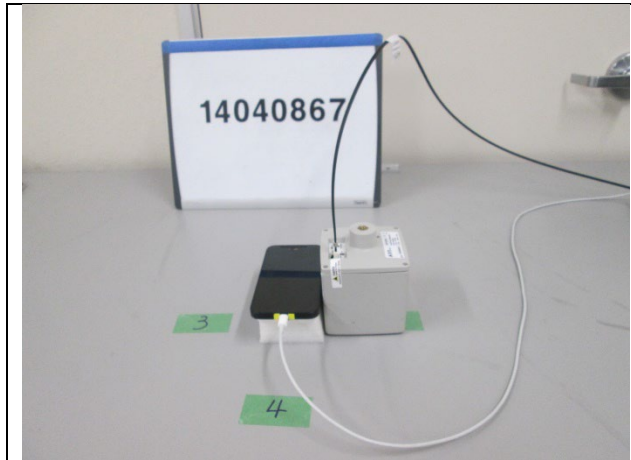
2.7. RF EXPOSURE SETUP PHOTO

RF Exposure

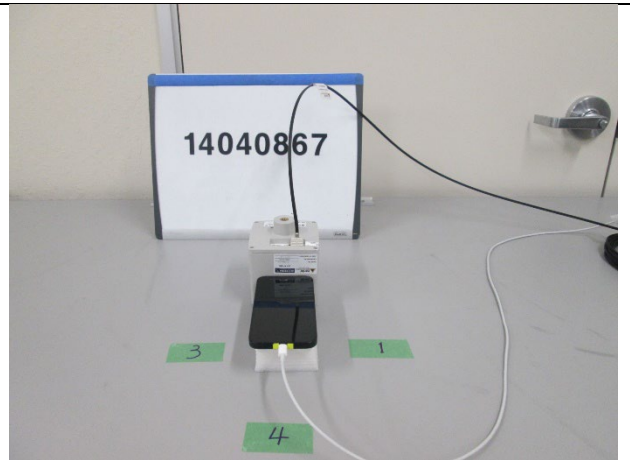


CONFIGURATION 1 Operating Mode

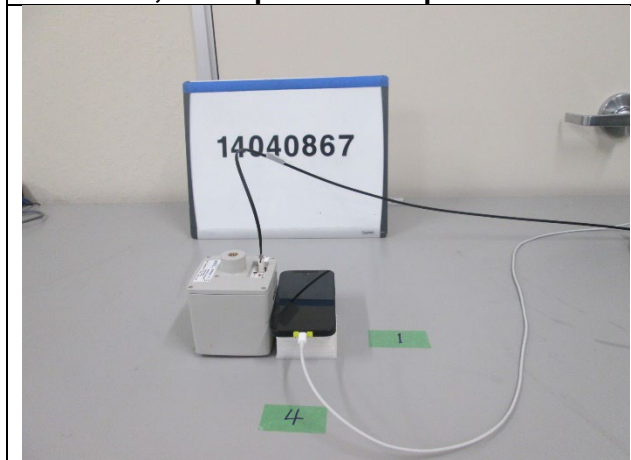
E-Field



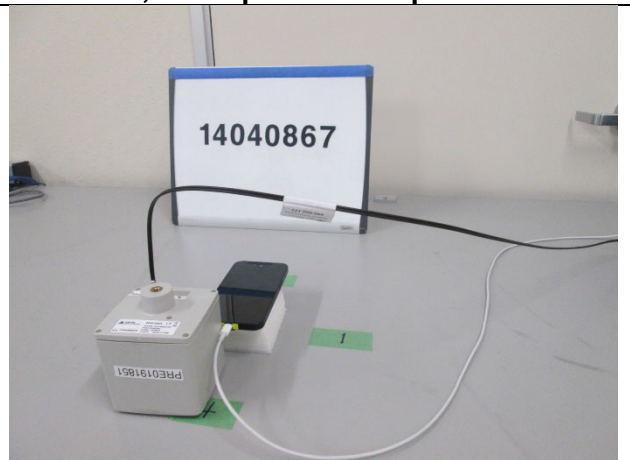
S1, RF Exposure Setup Photo



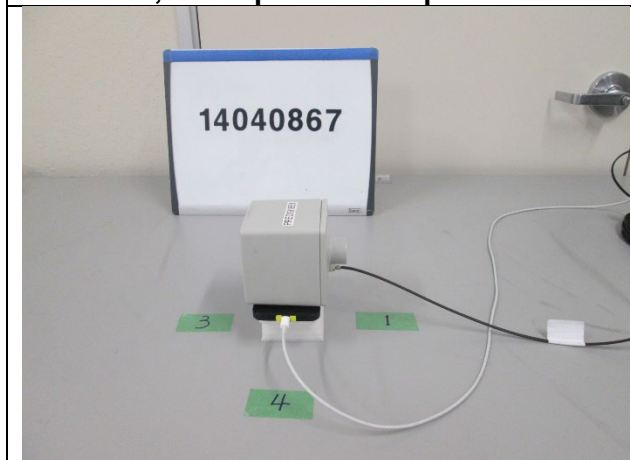
S2, RF Exposure Setup Photo



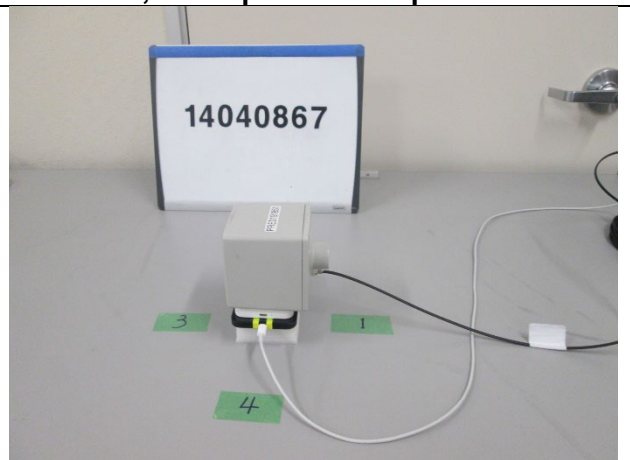
S3, RF Exposure Setup Photo



S4, RF Exposure Setup Photo



Top



Bottom

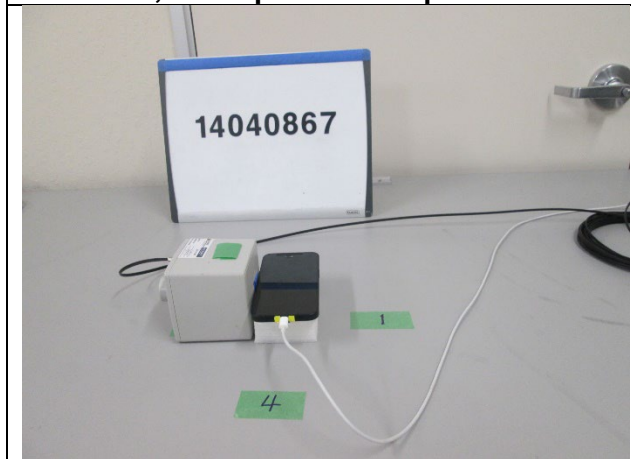
H-Field



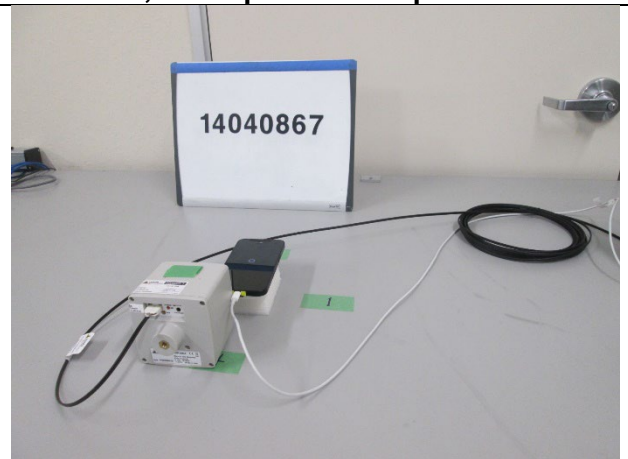
S1, RF Exposure Setup Photo



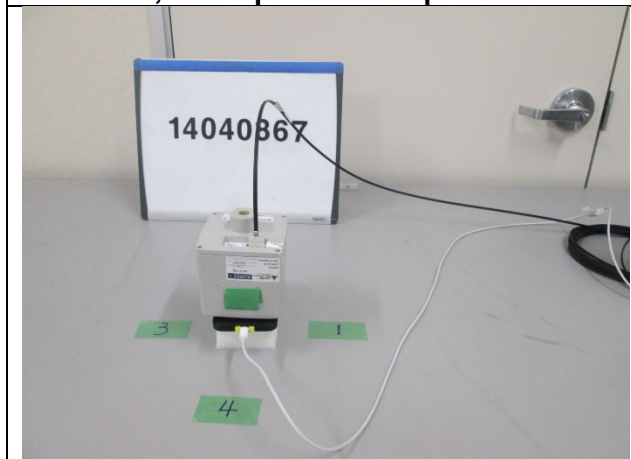
S2, RF Exposure Setup Photo



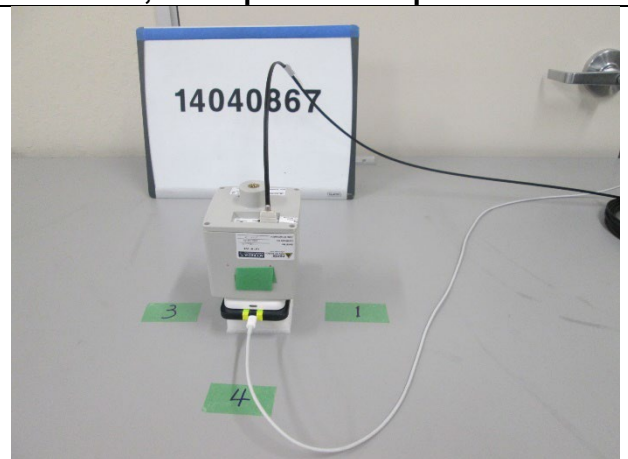
S3, RF Exposure Setup Photo



S4, RF Exposure Setup Photo



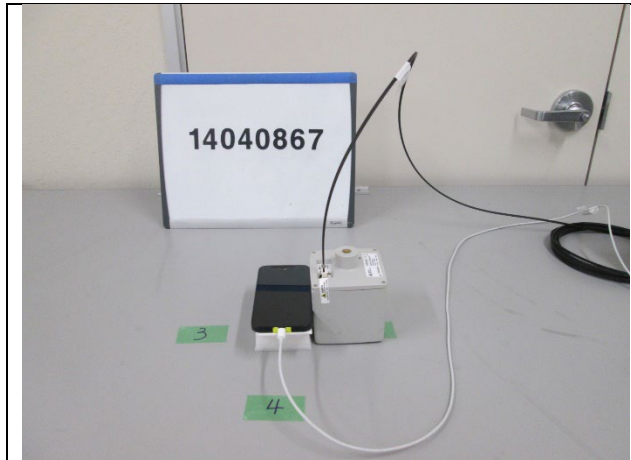
Top



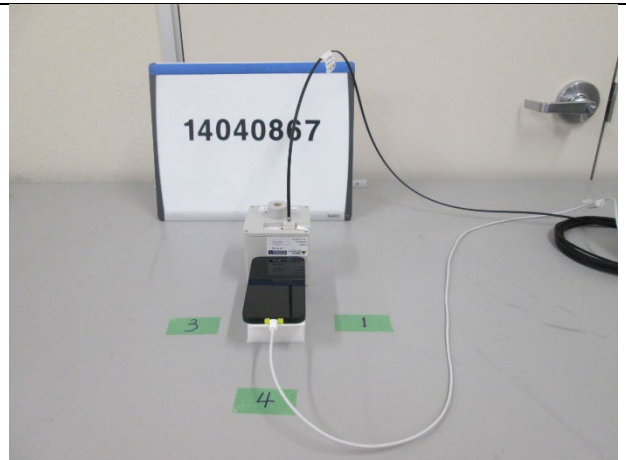
Bottom

CONFIGURATION 2 Operating Mode WITH 2mm GAP

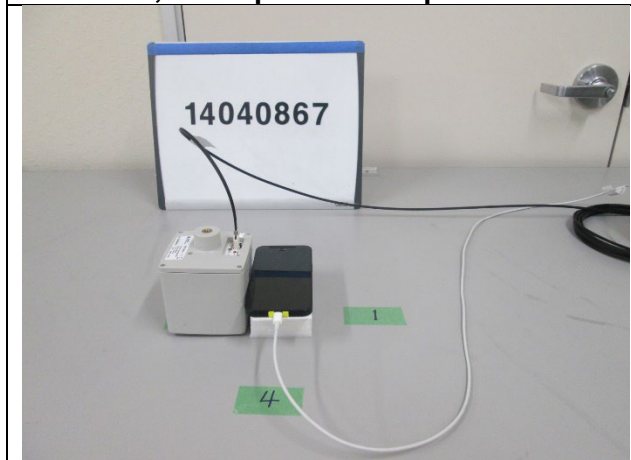
E-Field



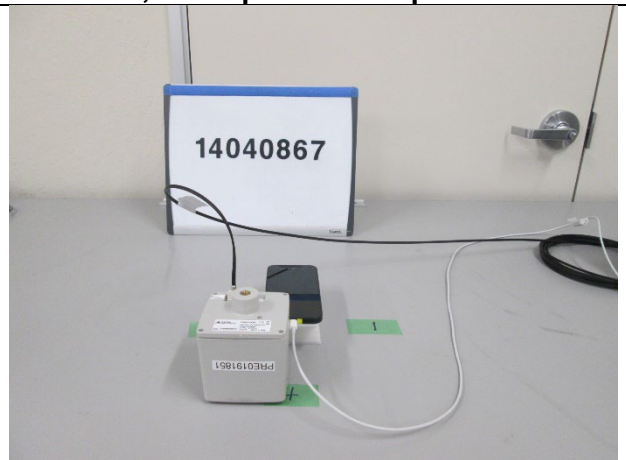
S1, RF Exposure Setup Photo



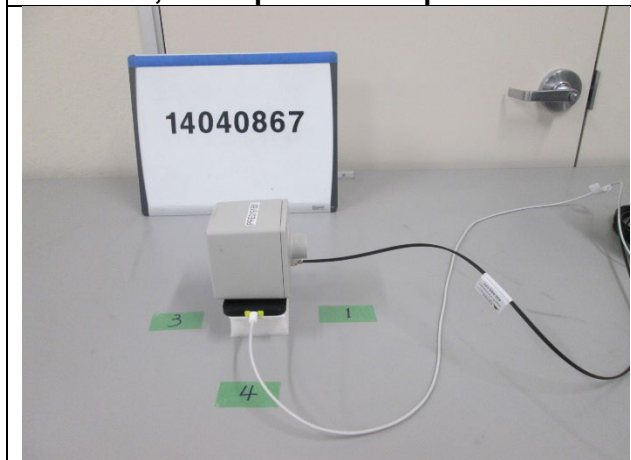
S2, RF Exposure Setup Photo



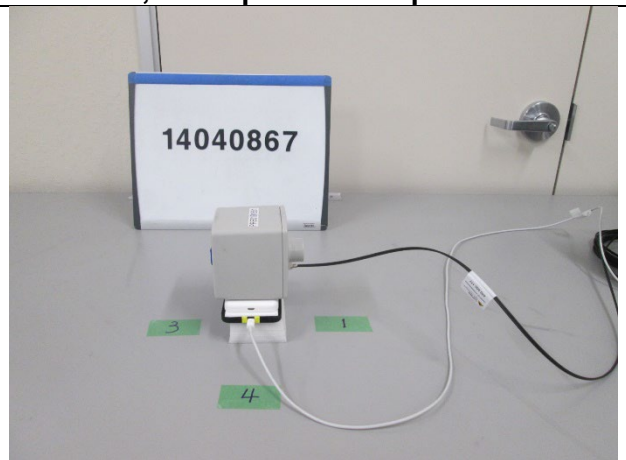
S3, RF Exposure Setup Photo



S4, RF Exposure Setup Photo

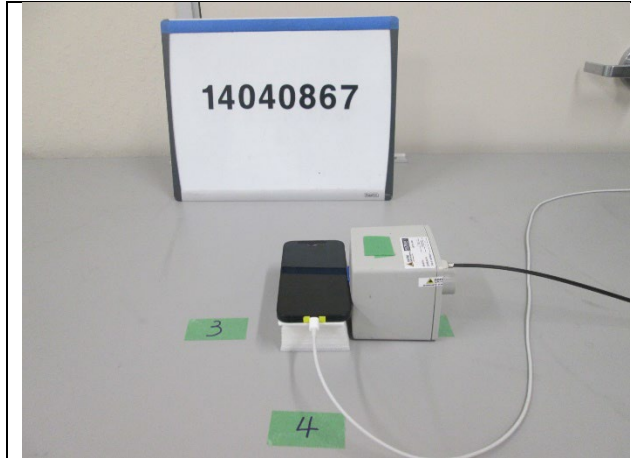


Top

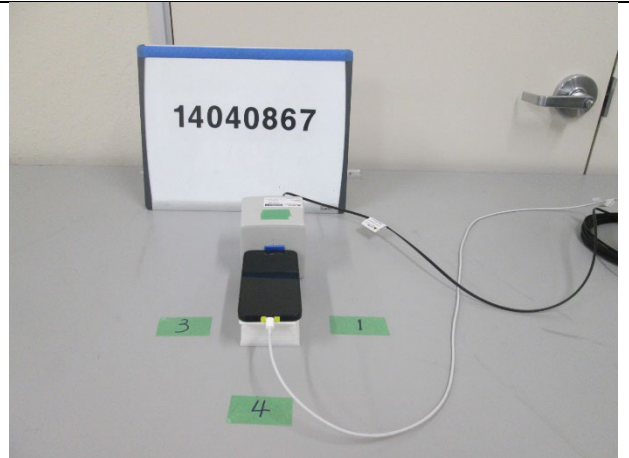


Bottom

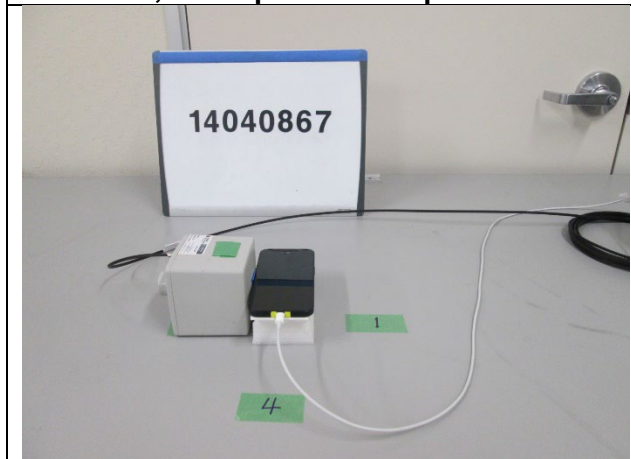
H-Field



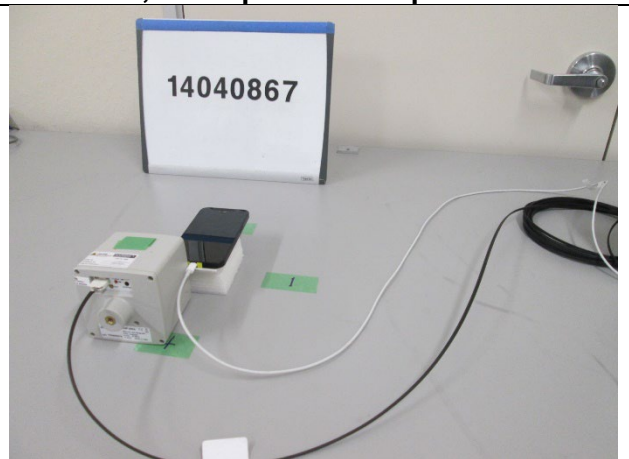
S1, RF Exposure Setup Photo



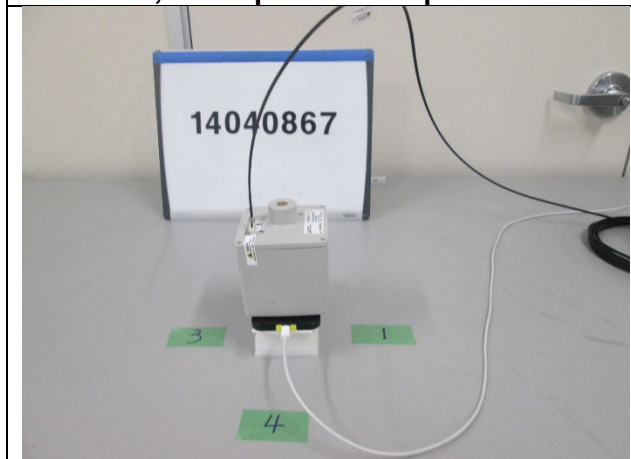
S2, RF Exposure Setup Photo



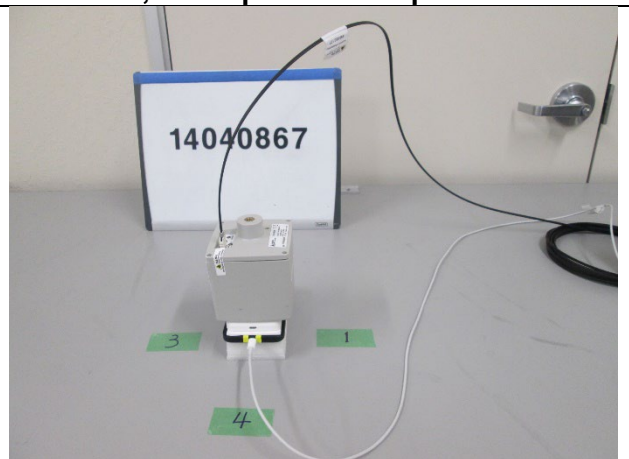
S3, RF Exposure Setup Photo



S4, RF Exposure Setup Photo



Top



Bottom

H-Field (4cm to 20cm Worst Case)



Probe side X



Probe side Y



Probe side Z



Model	Probe (EHP200)
X/Y/Z	8.5 cm

2.8. DYNAMIC FREQUENCY SELECTION MEASUREMENT SETUP

DFS FRONT PHOTO (EUT)



DFS BACK PHOTO (EUT)



DFS FULL SETUP PHOTO (CLIENT MODE SETUP)



DFS FULL SETUP PHOTO (CLIENT-TO-CLIENT COMMUNICATIONS MODE SETUP)



DFS FULL SETUP PHOTO (PEER TO PEER MODE SETUP / EUT)



DFS FULL SETUP PHOTO (PEER TO PEER MODE SETUP / PEER DEVICE)



END OF REPORT