

# TEST SETUP PHOTOS

**Report Number: 14040863-EP1V1**

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## 1. SCOPE

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

Reports
14040863

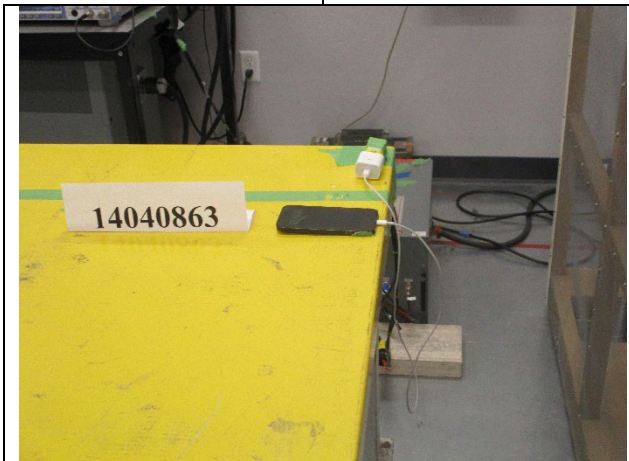
## 2. A2650 SETUP PHOTOS

### 2.1. 2.4GHz & 5GHz TECHNOLOGIES

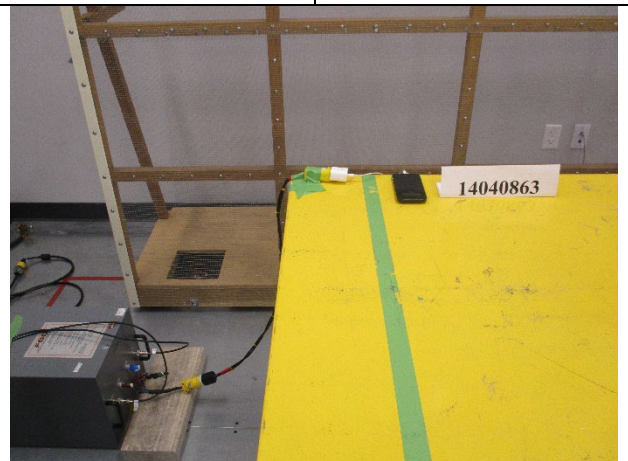
#### ANTENNA PORT AND AC LINE CONDUCTED SETUP



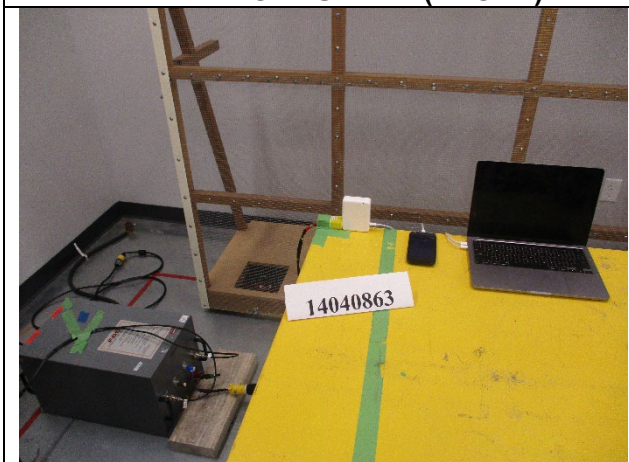
**RF ANTENNA PORT CONDUCTED**



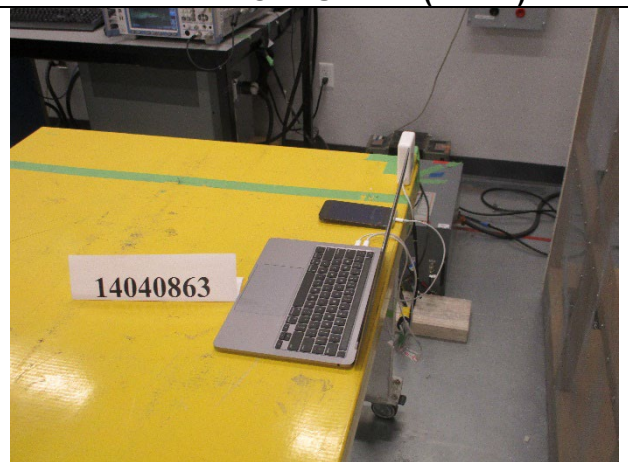
**AC LINE CONDUCTED (FRONT)**



**AC LINE CONDUCTED (BACK)**

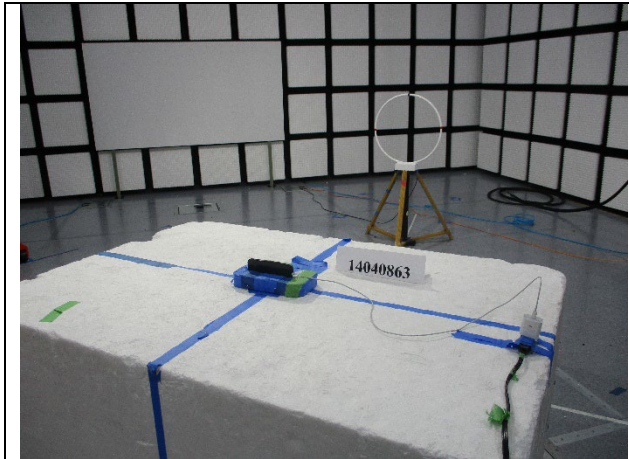


**AC LINE CONDUCTED WITH HOST (FRONT)**

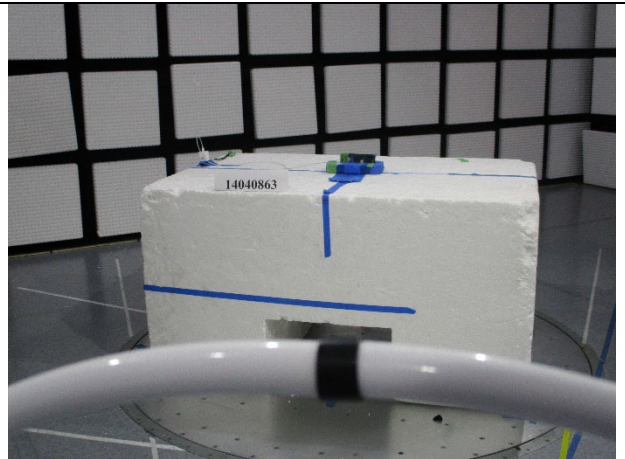


**AC LINE CONDUCTED WITH HOST (BACK)**

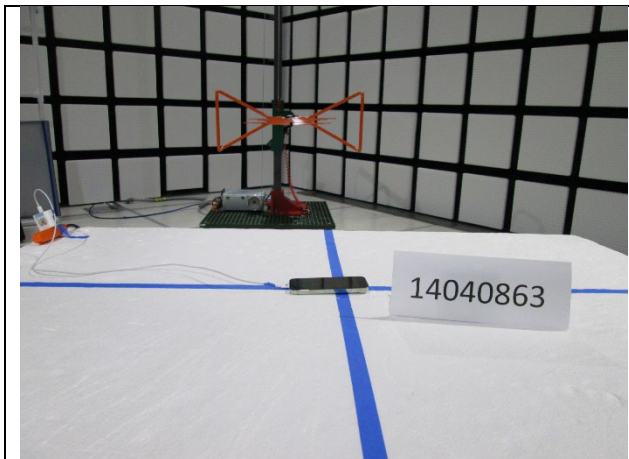
**2.1.1. BT/BLE/HDR/DTS/UNII RADIATED RF MEASUREMENT SETUP**



**FCC BELOW 30MHz (FRONT)**



**FCC BELOW 30MHz (BACK)**

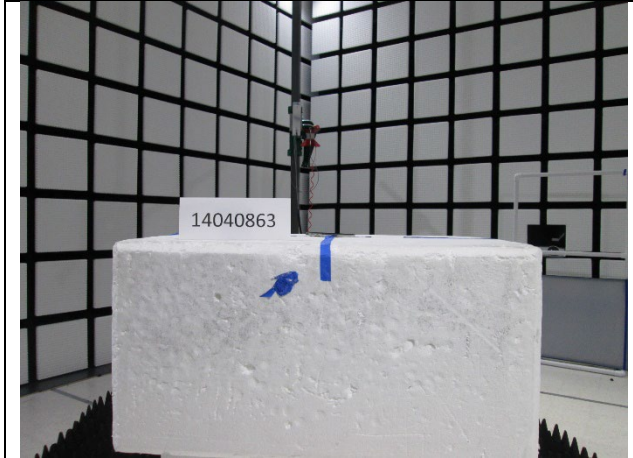


**FCC BELOW 1GHz (FRONT)**

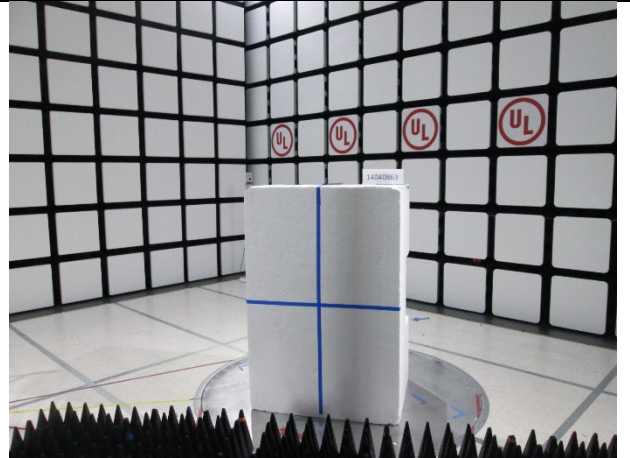


**FCC BELOW 1GHz (BACK)**

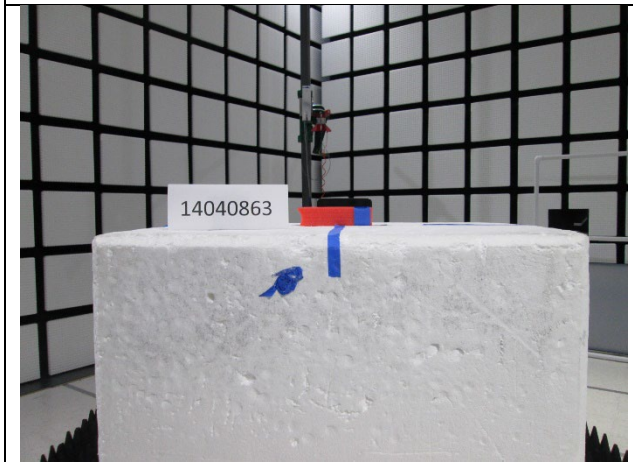




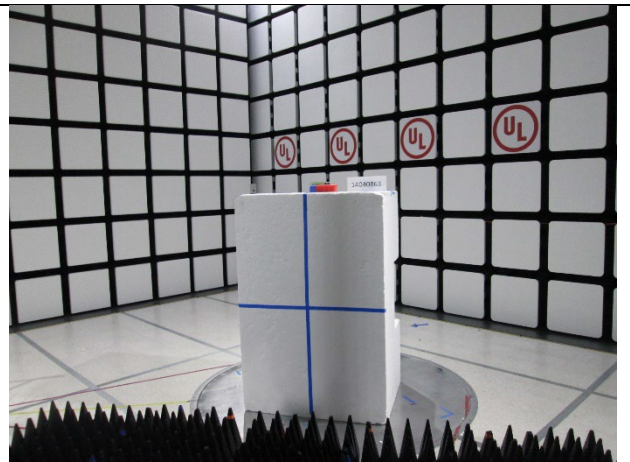
**ABOVE 1GHz X-Axis Front**



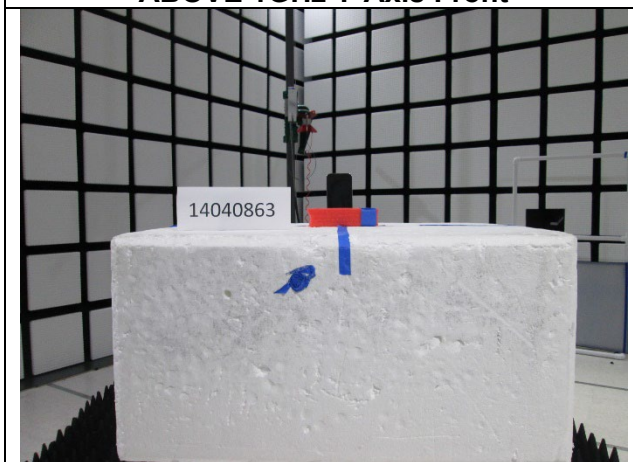
**ABOVE 1GHz X-Axis**



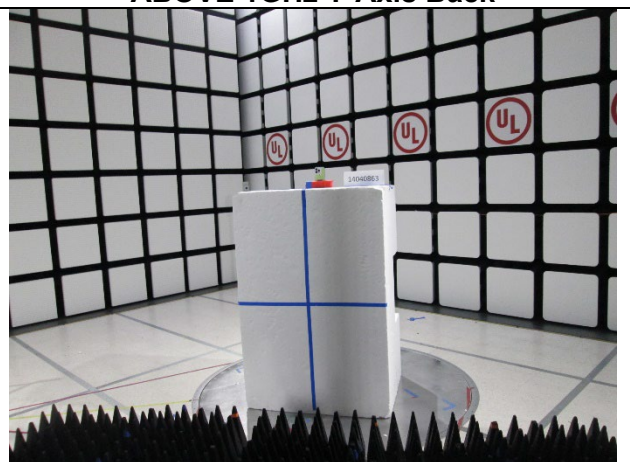
**ABOVE 1GHz Y-Axis Front**



**ABOVE 1GHz Y-Axis Back**



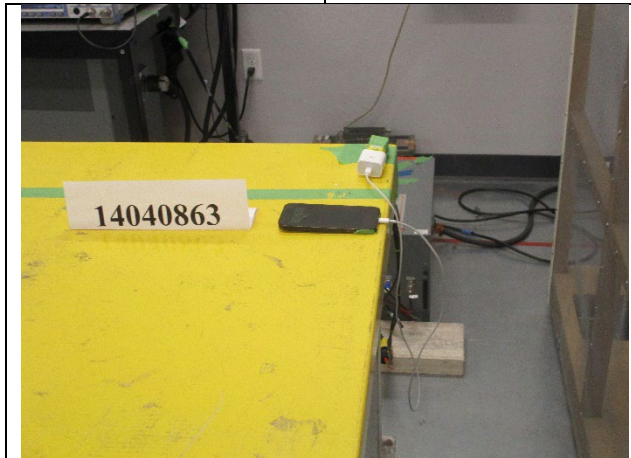
**ABOVE 1GHz Z-Axis Front**



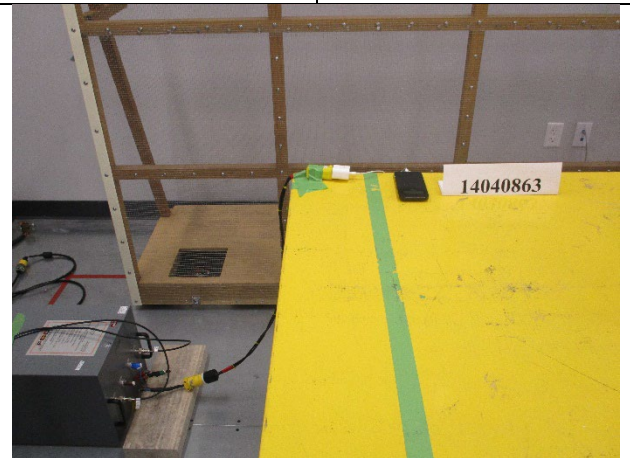
**ABOVE 1GHz Z-Axis Back**

## 2.2. NFC TECHNOLOGY

### FREQ TOLERANCE AND AC LINE CONDUCTED SETUP



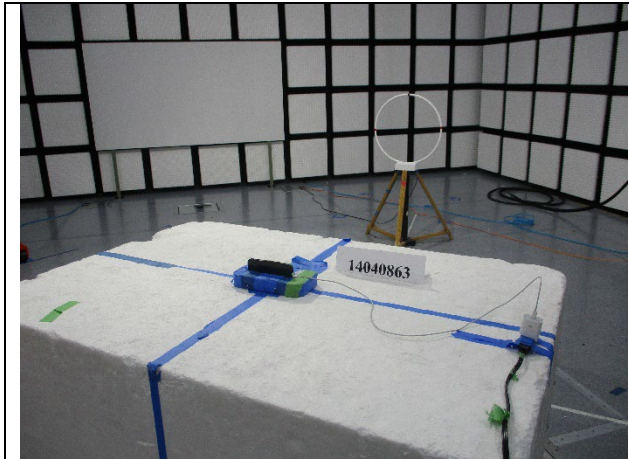
**AC LINE CONDUCTED (FRONT)**



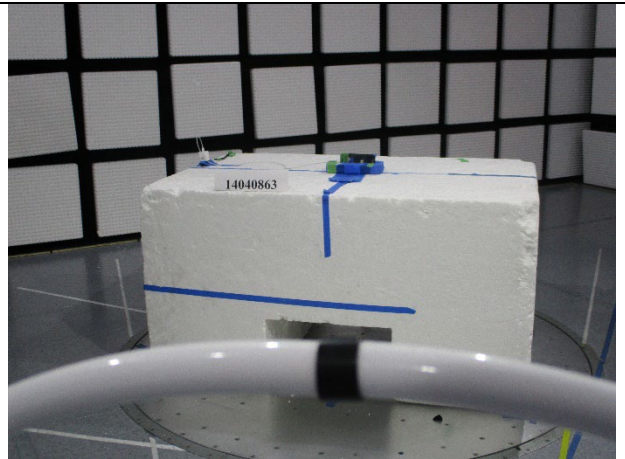
**AC LINE CONDUCTED (BACK)**



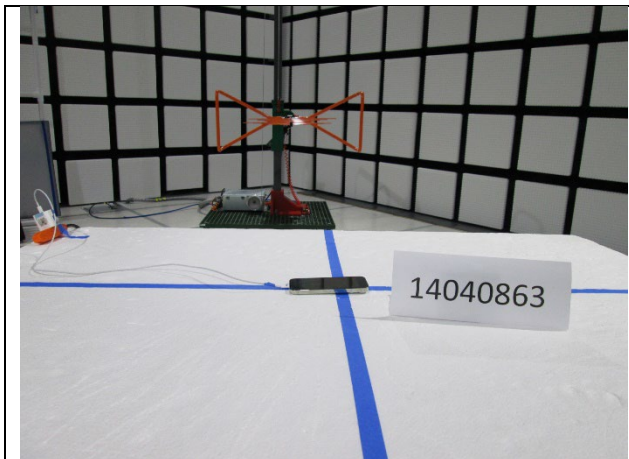
### 2.2.1. RADIATED RF MEASUREMENT SETUP



FCC BELOW 30MHz (FRONT)



FCC BELOW 30MHz (BACK)

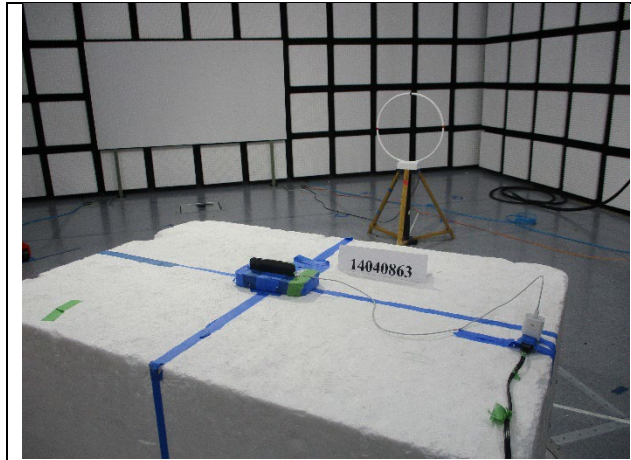


FCC BELOW 1GHz (FRONT)

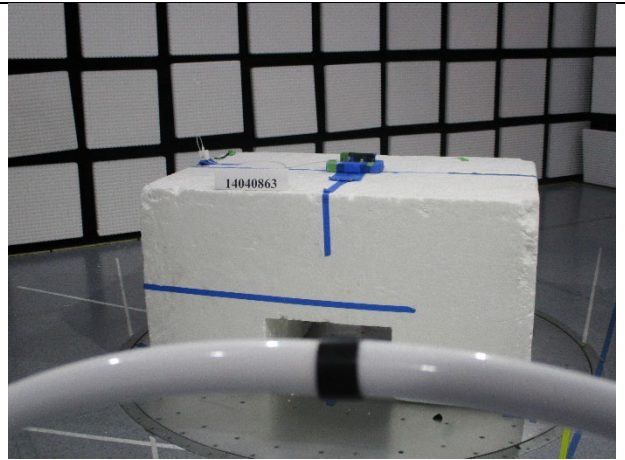


FCC BELOW 1GHz (BACK)

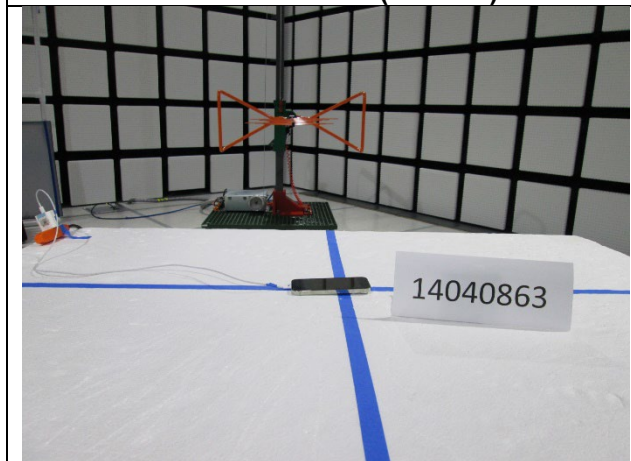
### 2.3. WPT RADIATED AND AC LINE SETUP



BELOW 30 MHz (FRONT)



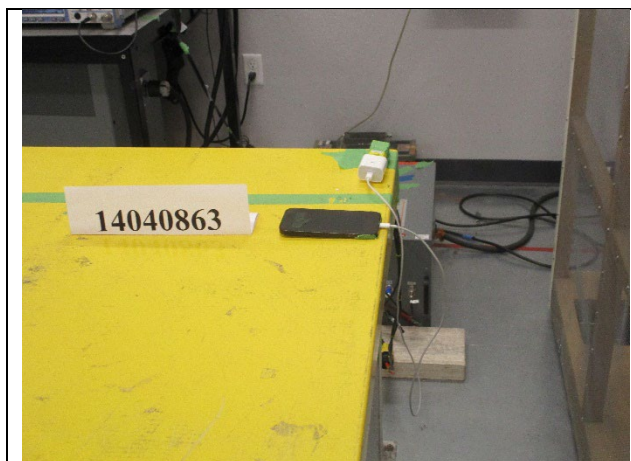
BELOW 30 MHz (BACK)



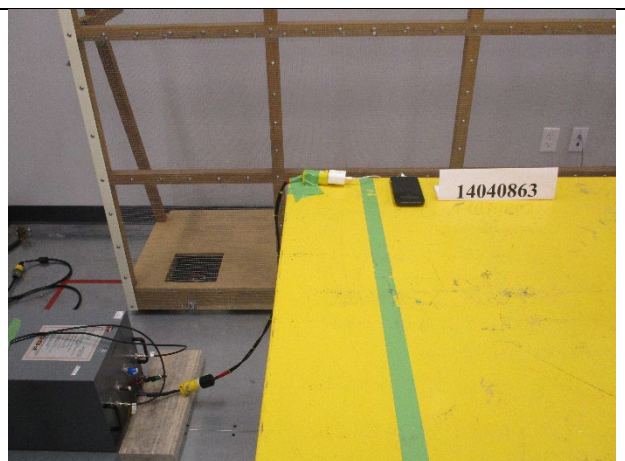
BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)



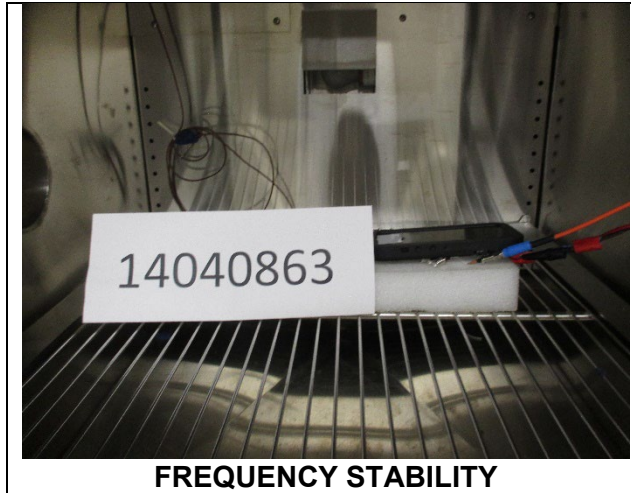
AC LINE CONDUCTED (FRONT)



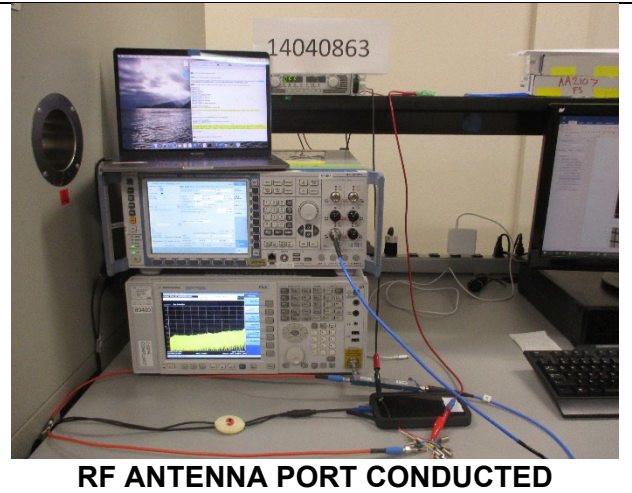
AC LINE CONDUCTED (BACK)



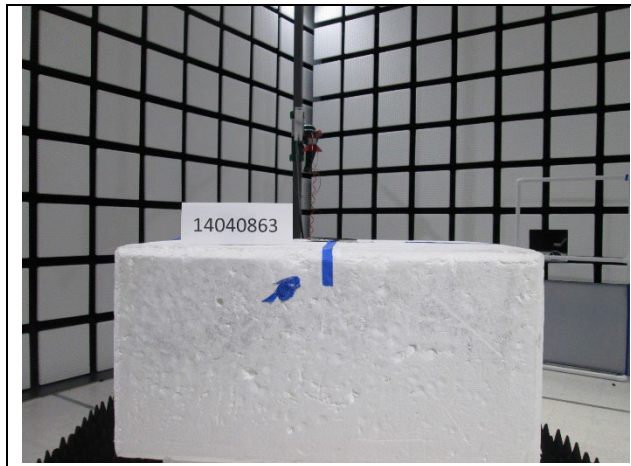
## 2.4. WWAN TECHNOLOGIES



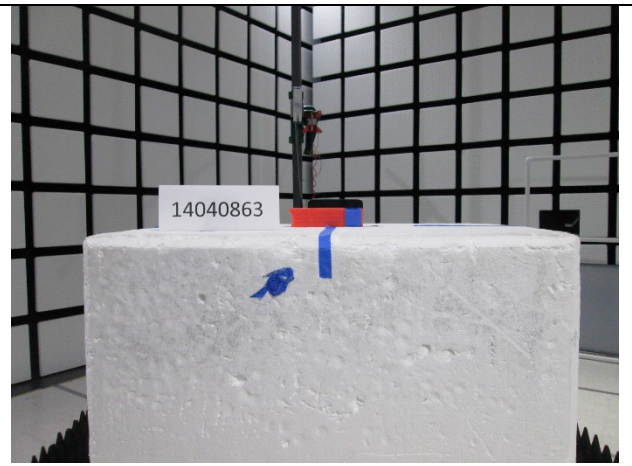
**FREQUENCY STABILITY**



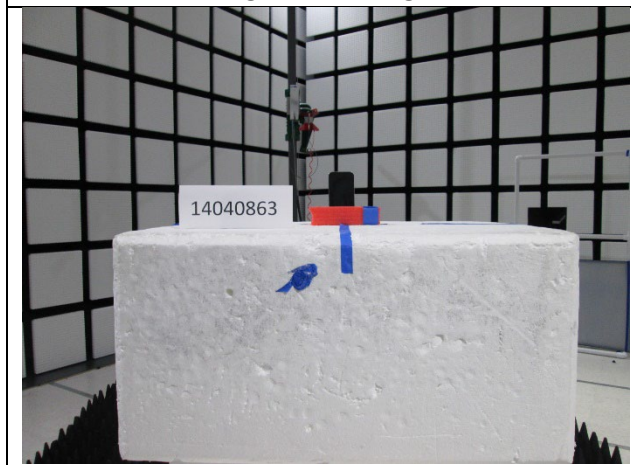
**RF ANTENNA PORT CONDUCTED**



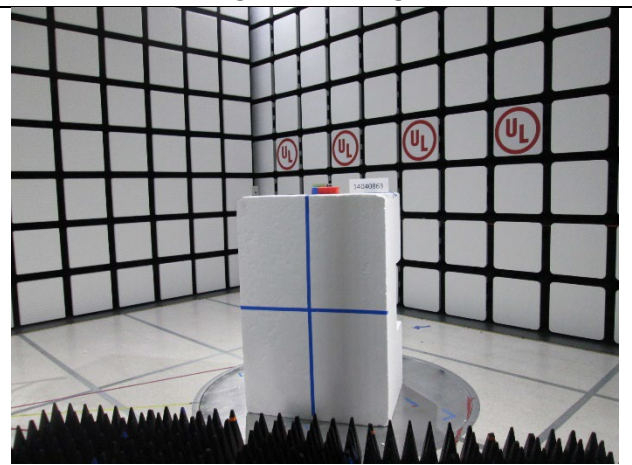
**X-ORIENTATION**



**Y-ORIENTATION**

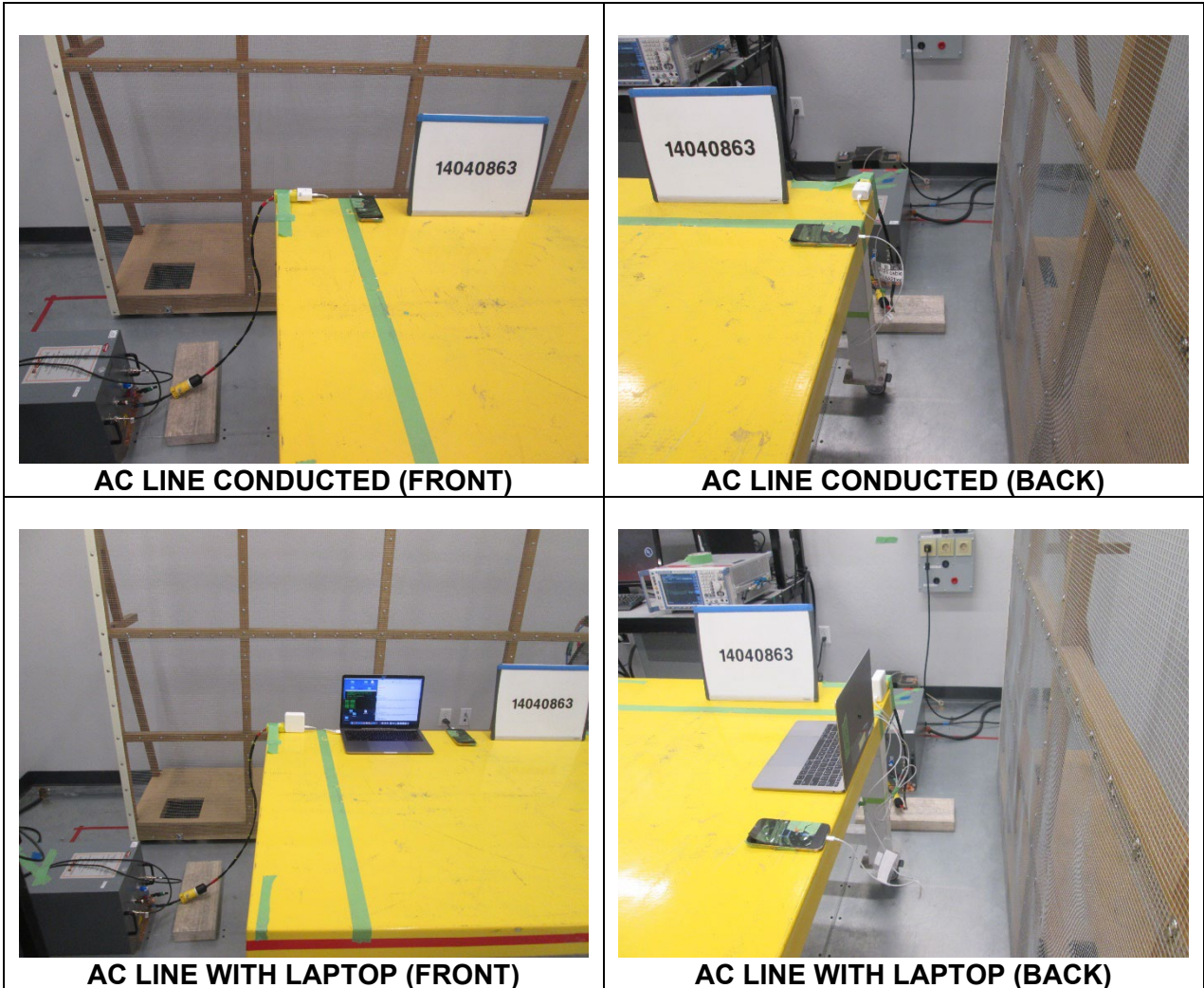


**Z-ORIENTATION**



**Zoom Out**

## 2.5. UWB TECHNOLOGIES SETUP

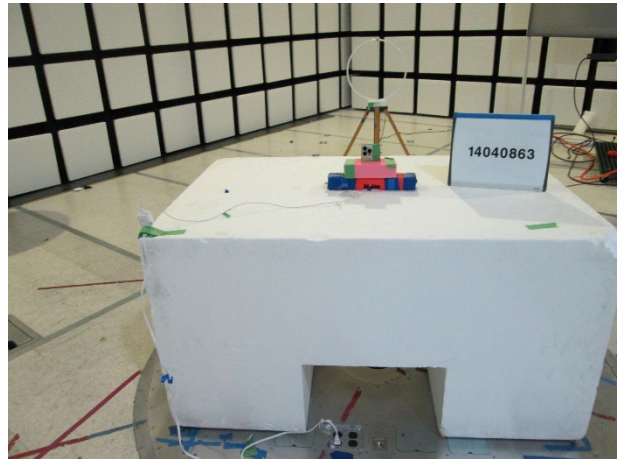




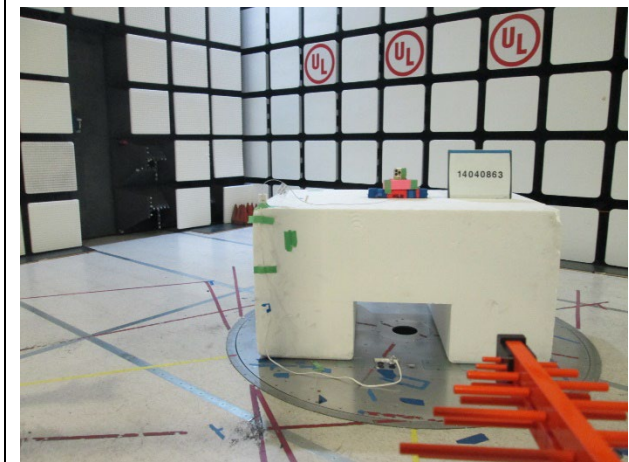
### 2.5.1. RADIATED RF MEASUREMENT SETUP



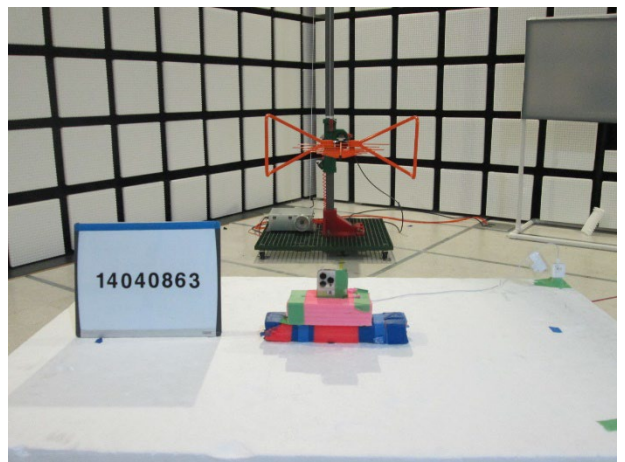
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)

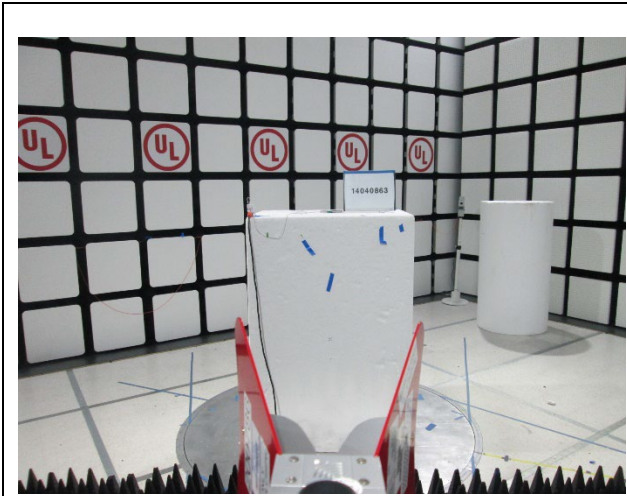


BELOW 0.96 GHz (FRONT)



BELOW 0.96 GHz (BACK)

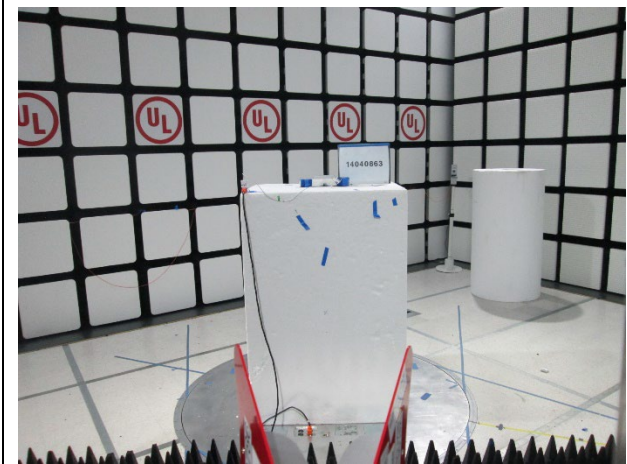




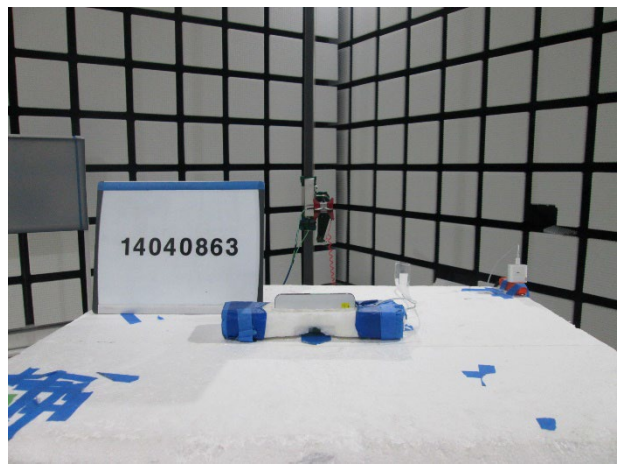
**ABOVE 1GHz X-Axis Front**



**ABOVE 1GHz X-Axis Back**



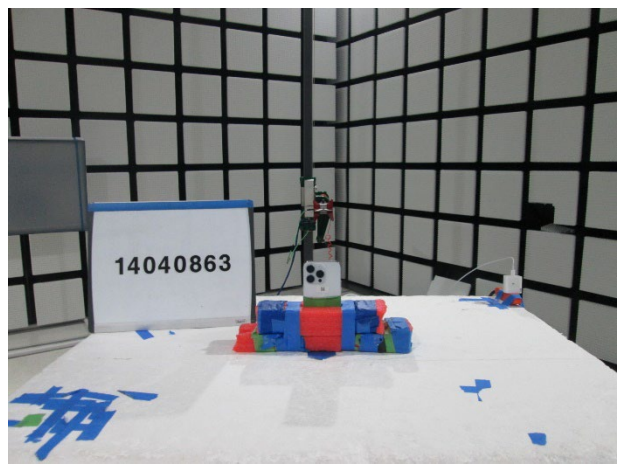
**ABOVE 1GHz Y-Axis Front**



**ABOVE 1GHz Y-Axis Back**



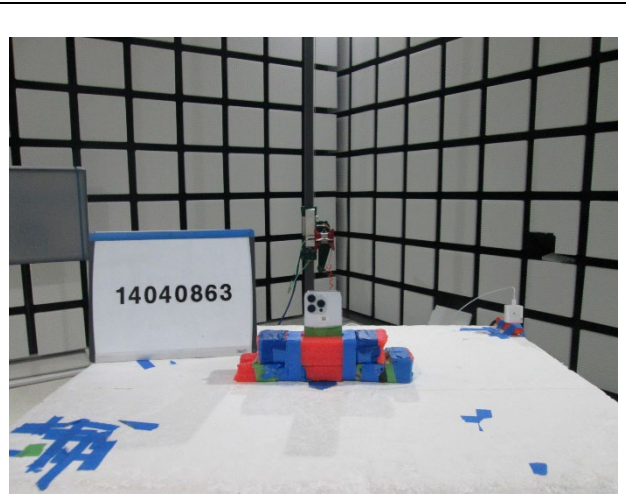
**ABOVE 1GHz Z-Axis Front**



**ABOVE 1GHz Z-Axis Back**



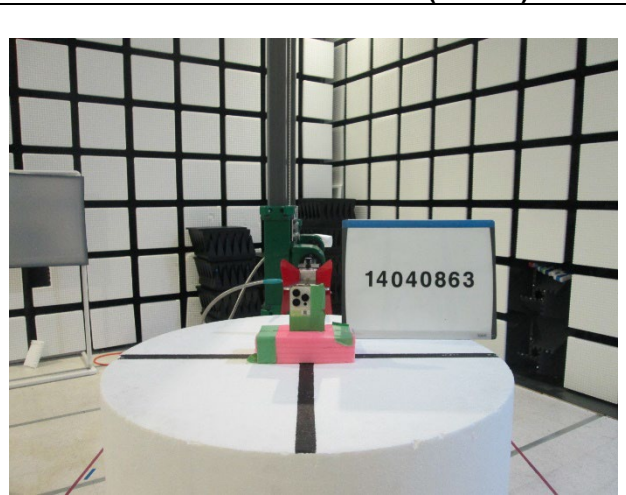
Fundamental 6 - 9 GHz (FRONT)



Fundamental 6 - 9 GHz (BACK)



0.96 - 18 GHz (FRONT)



0.96 - 18 GHz (BACK)



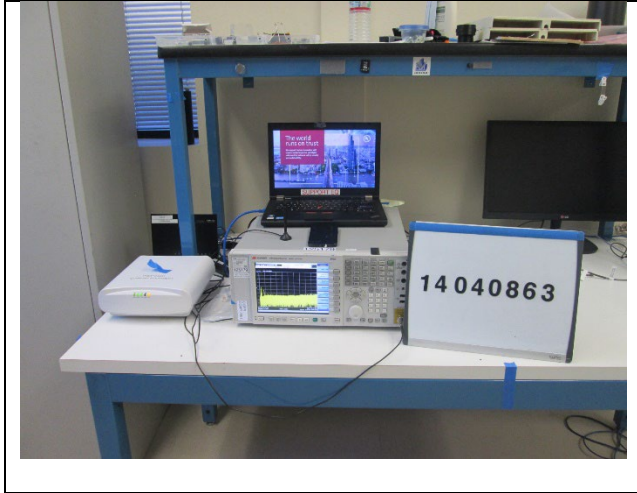
18 - 40 GHz (FRONT)



18 - 40 GHz (BACK)



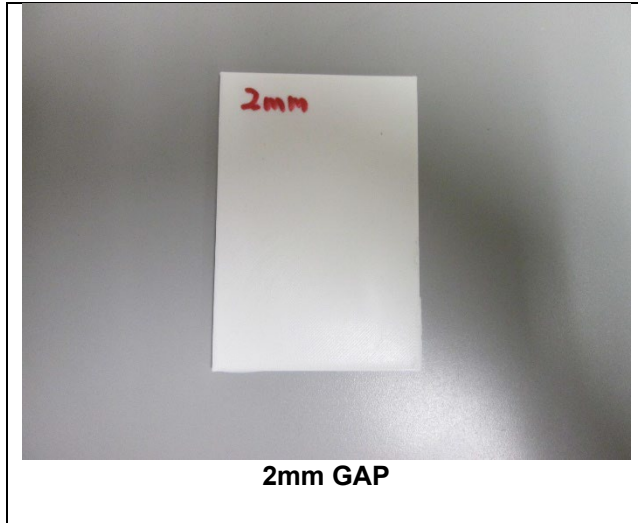
## 2.6. CBSD SETUP PHOTO





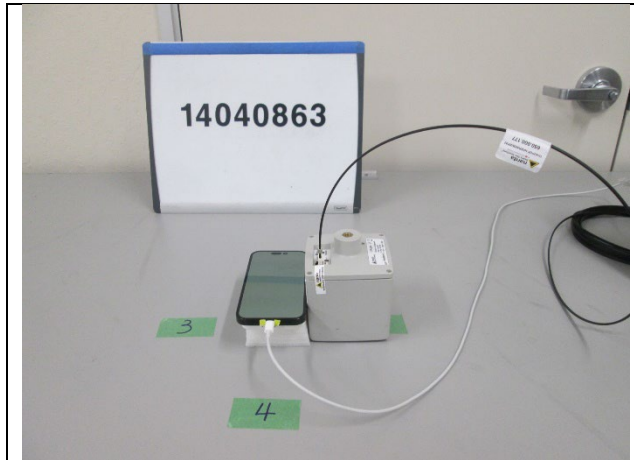
## 2.7. RF EXPOSURE SETUP PHOTO

### 2.7.1. RF Exposure

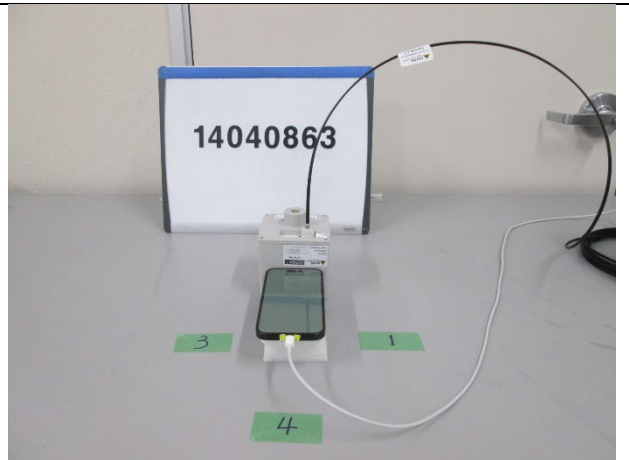


**CONFIGURATION 1 Operating Mode**

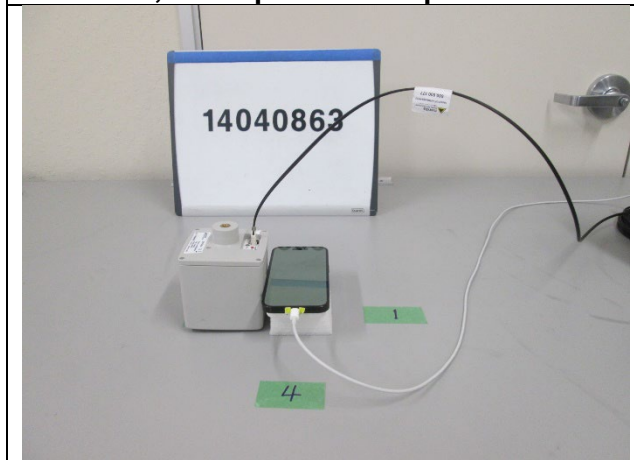
**E-Field**



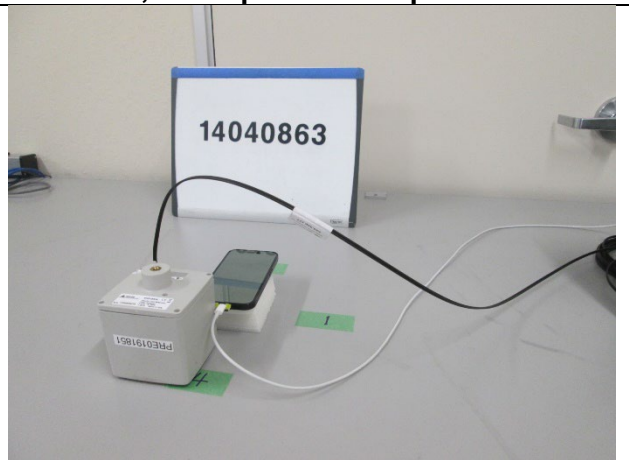
**S1, RF Exposure Setup Photo**



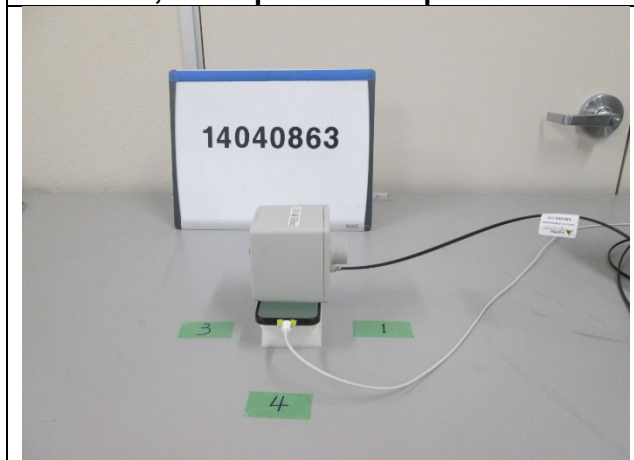
**S2, RF Exposure Setup Photo**



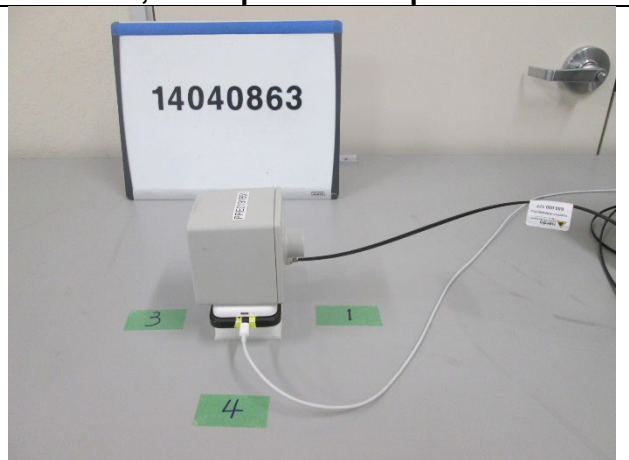
**S3, RF Exposure Setup Photo**



**S4, RF Exposure Setup Photo**

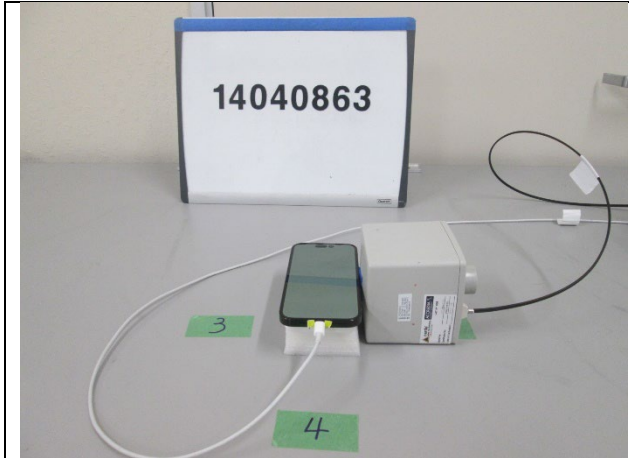


**Top**

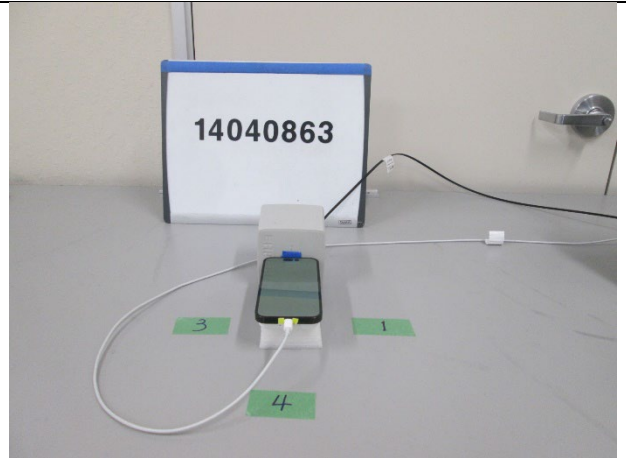


**Bottom,**

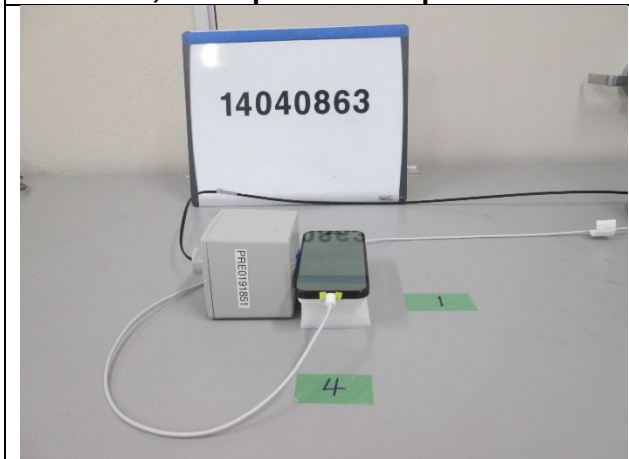
**H-Field**



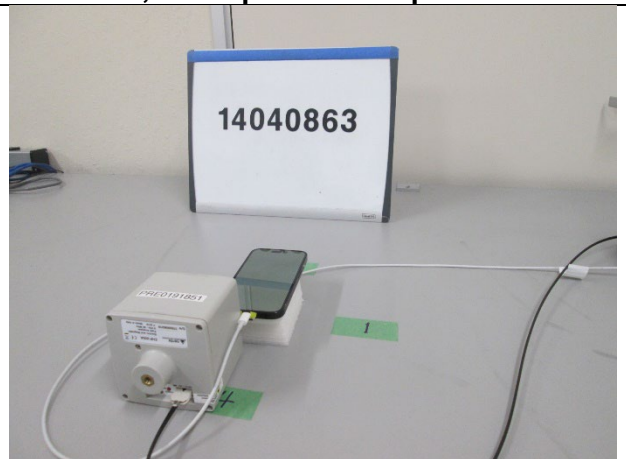
**S1, RF Exposure Setup Photo**



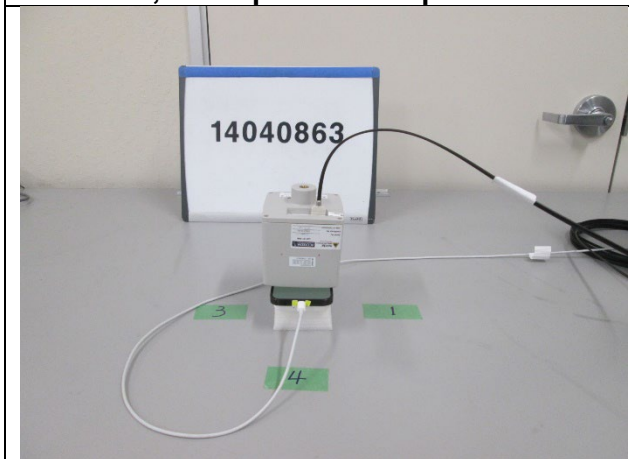
**S2, RF Exposure Setup Photo**



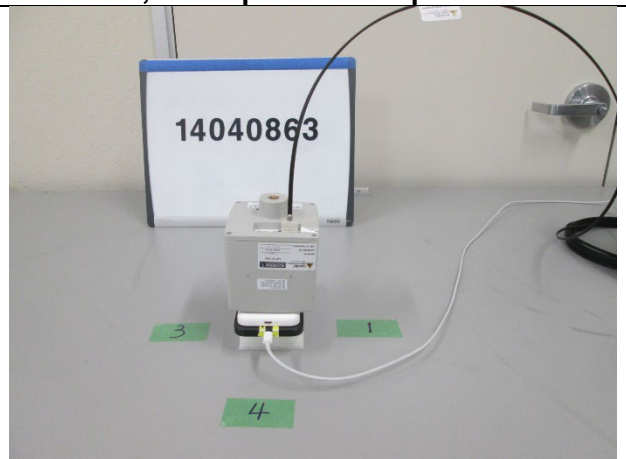
**S3, RF Exposure Setup Photo**



**S4, RF Exposure Setup Photo**



**Top**

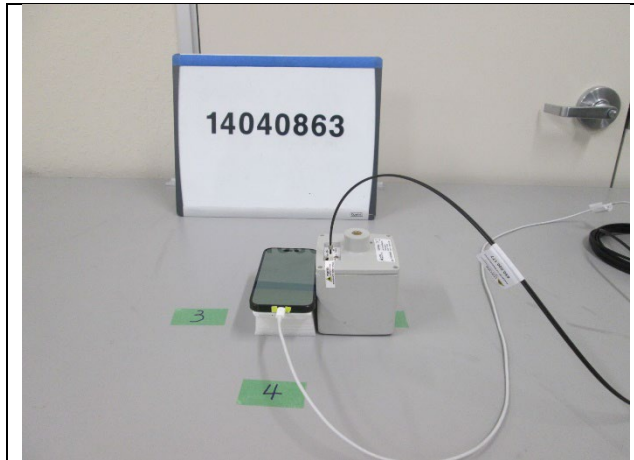


**Bottom**

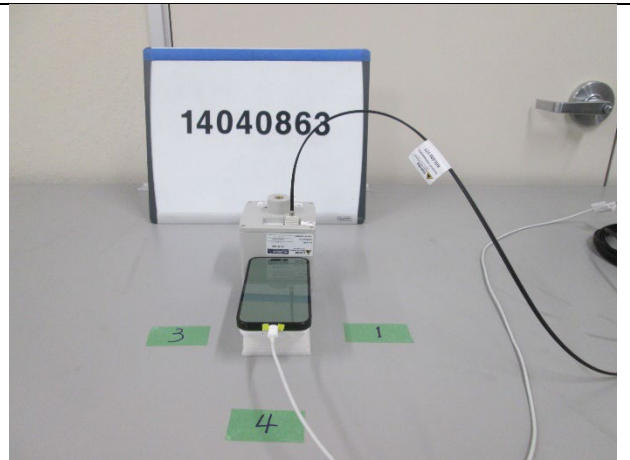


**CONFIGURATION 2 Operating Mode with 2mm gap**

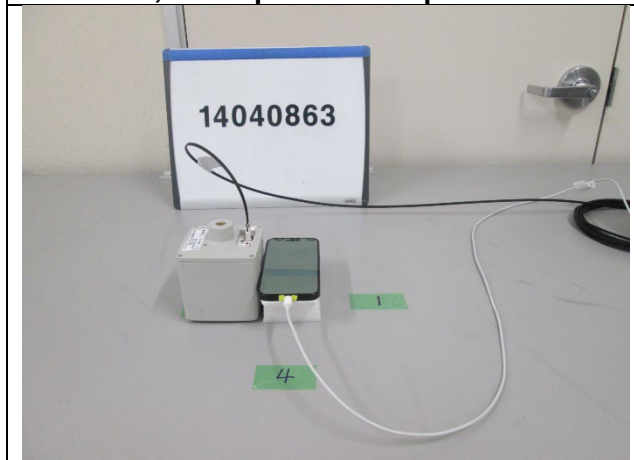
**E- Field**



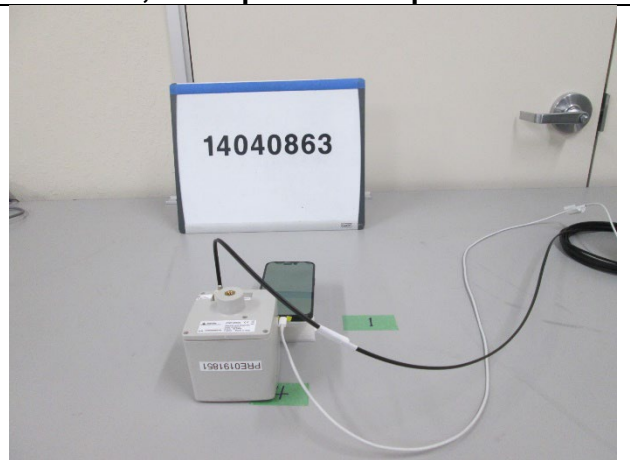
**S1, RF Exposure Setup Photo**



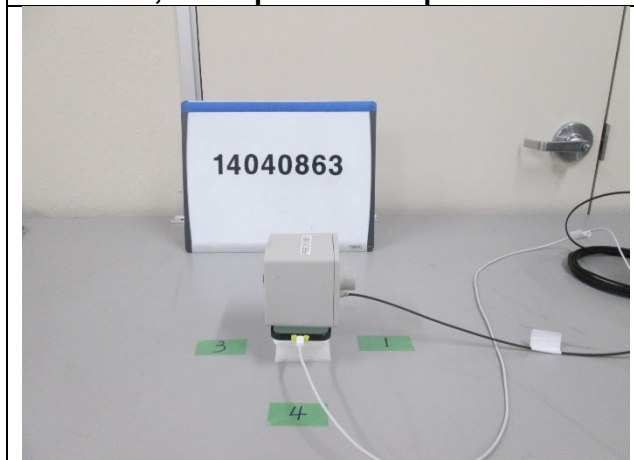
**S2, RF Exposure Setup Photo**



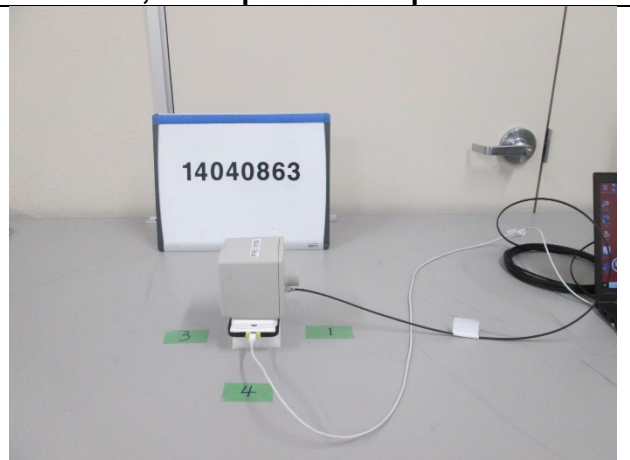
**S3, RF Exposure Setup Photo**



**S4, RF Exposure Setup Photo**



**Top, With 2mm Gap**

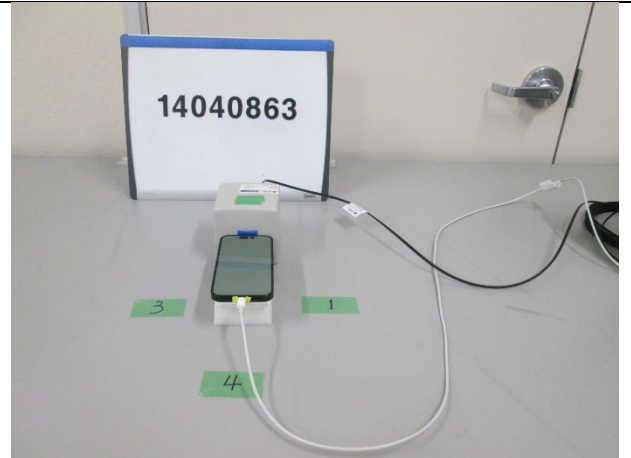


**Bottom, With 2mm Gap**

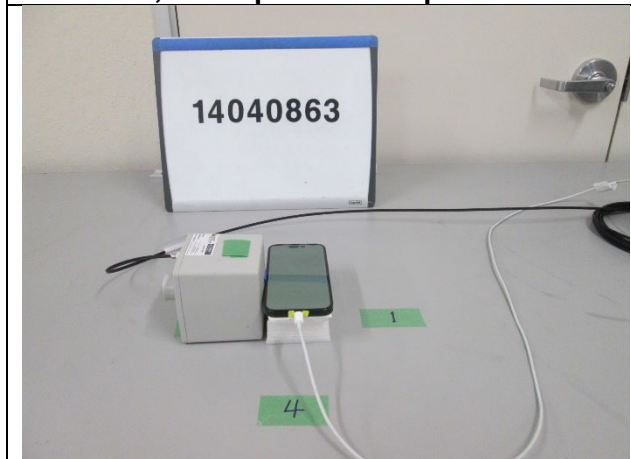
**H- Field**



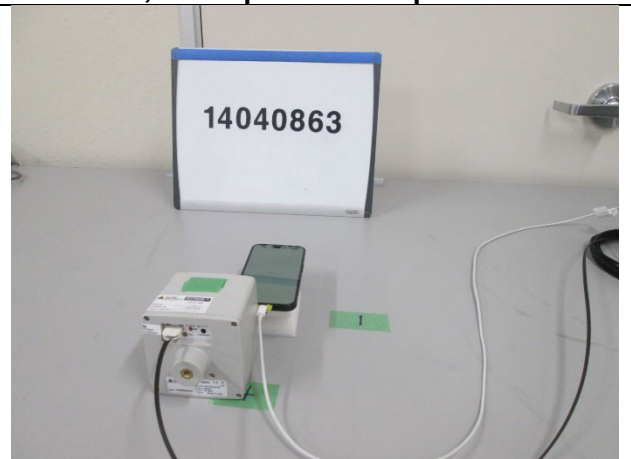
**S1, RF Exposure Setup Photo**



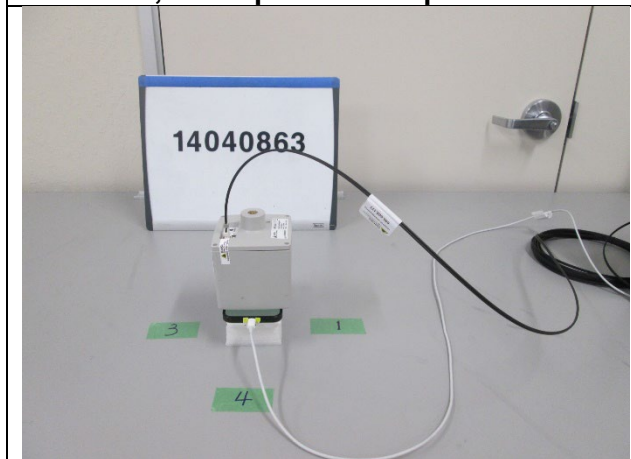
**S2, RF Exposure Setup Photo**



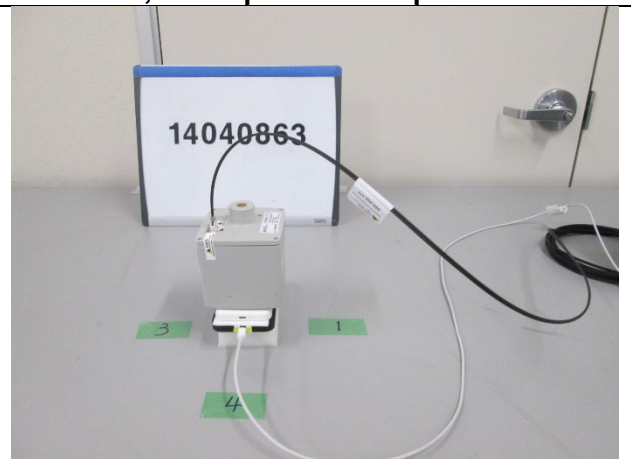
**S3, RF Exposure Setup Photo**



**S4, RF Exposure Setup Photo**

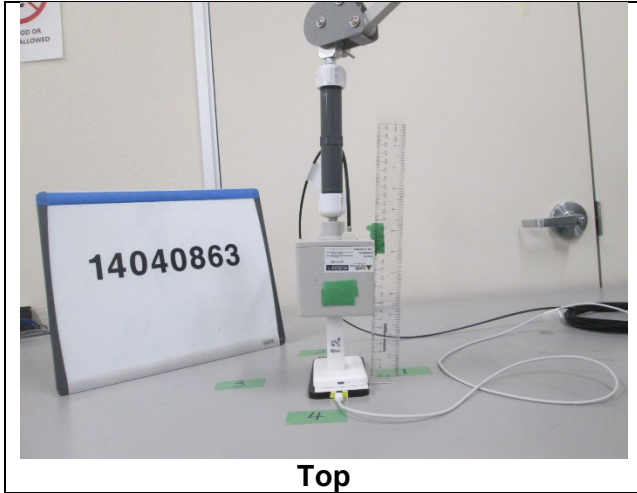


**Top, With 2mm Gap**



**Bottom, With 2mm Gap**

**H- FIELD (WORST CASE)**



**Top**



**Probe side X**



**Probe side Y**



**Probe side Z**

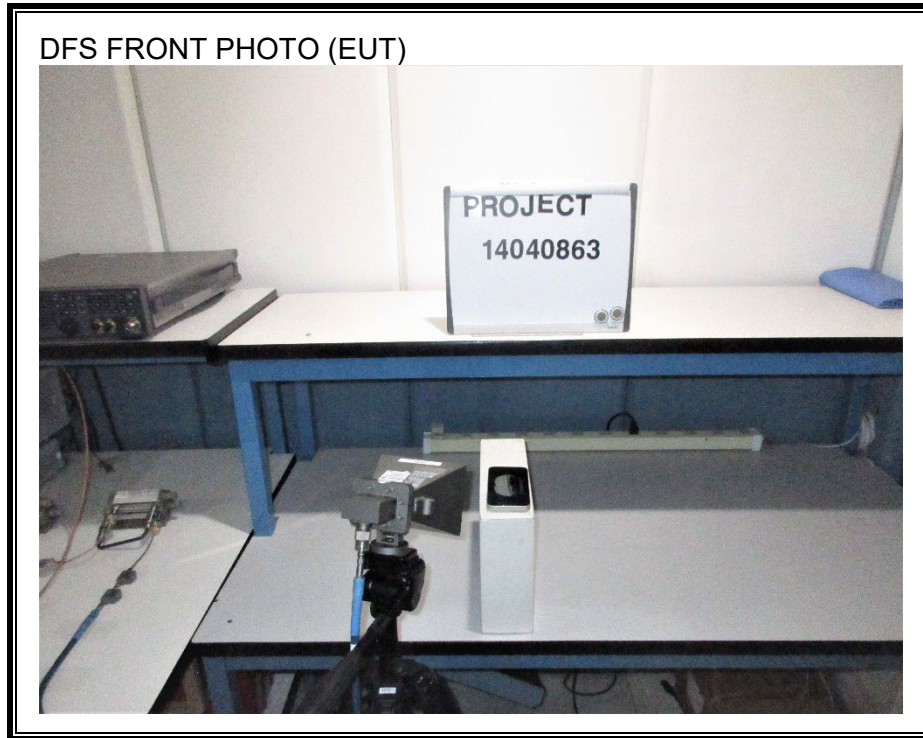


Model	Probe (EHP200)
X/Y/Z	8.5 cm

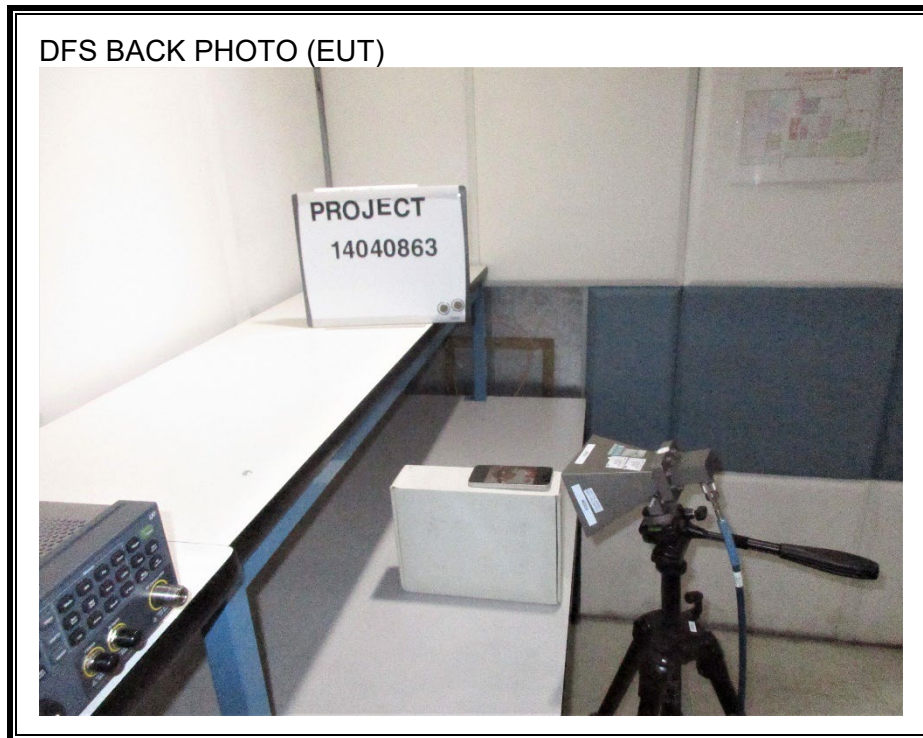


## 2.8. DYNAMIC FREQUENCY SELECTION MEASUREMENT SETUP

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**