# TEST SETUP PHOTOS

## **Report Number:** 14523758-EP1V1

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# 1. SCOPE

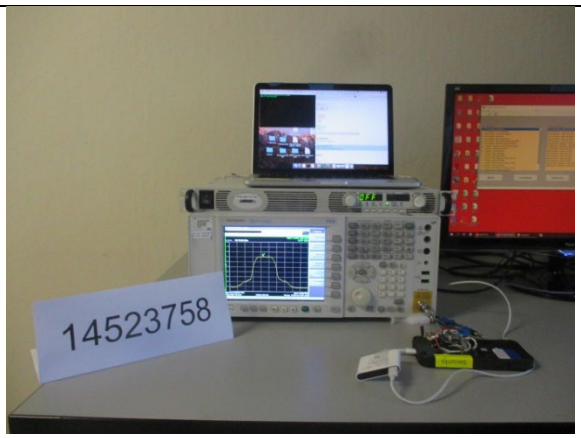
The purpose of this document is to show test setup diagrams and photos for the following reports;

| Reports |
|---|
| 14523758-E1 |
| 14523758-E2 |
| 14523758-E3 |
| 14523758-E4 |
| 14523758-E6 |
| 14523758-E7 |
| 14523758-E8 |
| 14523758-E9 |
| 14523758-E10 |
| 14523758-E11 |
| 14523758-E12 |
| 14523758-E13 |
| 14523758-E14 |
| 14523758-E18 |
| |

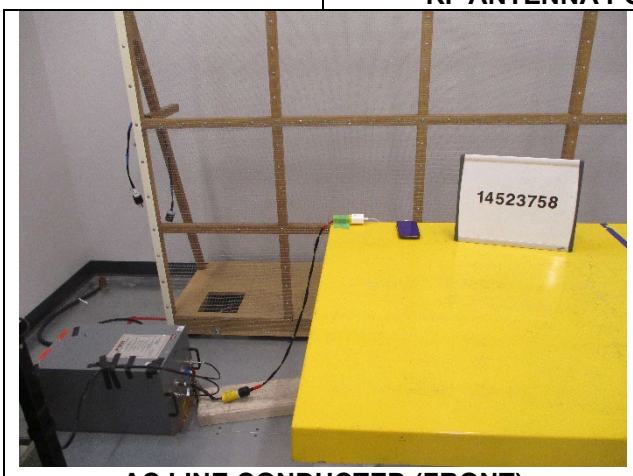
# 2. A2846 SETUP PHOTOS

## 2.1. 2.4GHz & 5GHz TECHNOLOGIES

**ANTENNA PORT AND AC LINE CONDUCTED SETUP**

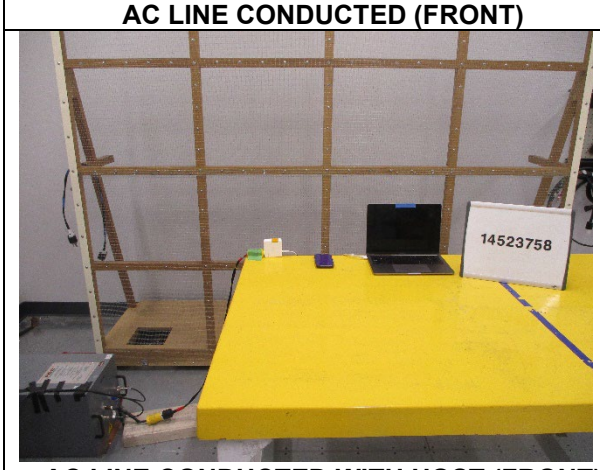



RF ANTENNA PORT CONDUCTED

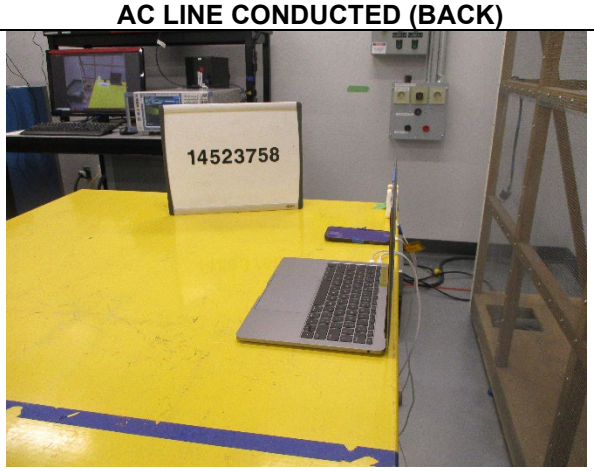



AC LINE CONDUCTED (FRONT)

AC LINE CONDUCTED (BACK)

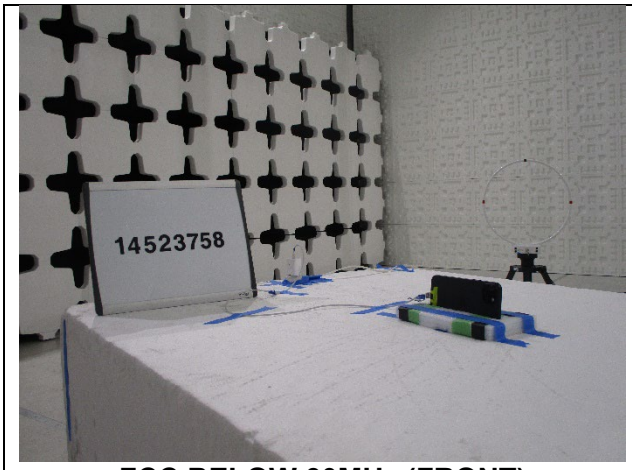



AC LINE CONDUCTED WITH HOST (FRONT)

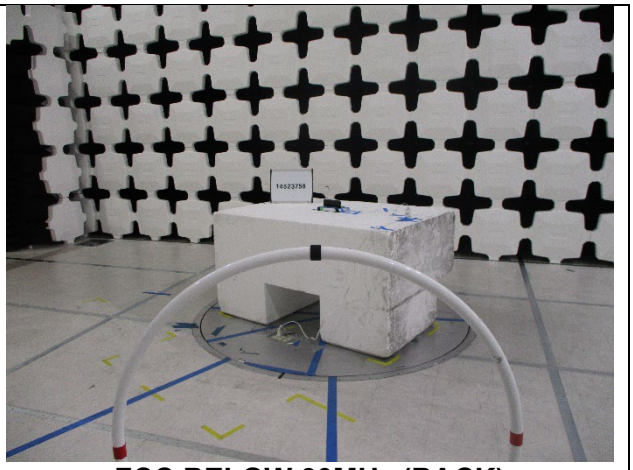



AC LINE CONDUCTED WITH HOST (BACK)

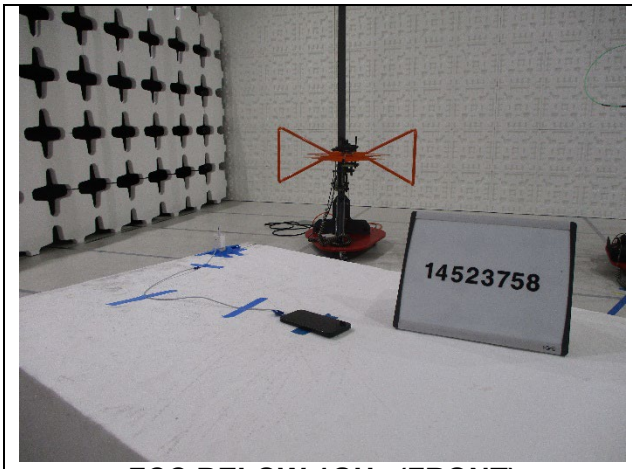
## 2.1.1. BT/BLE/HDR/DTS/UNII RADIATED RF MEASUREMENT SETUP




**FCC BELOW 30MHz (FRONT)**

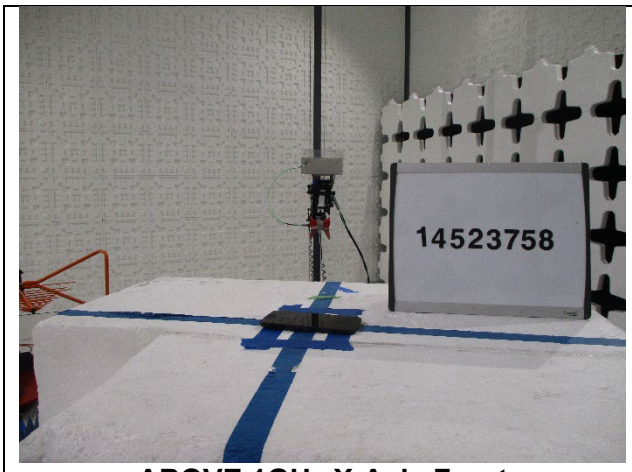


**FCC BELOW 30MHz (BACK)**

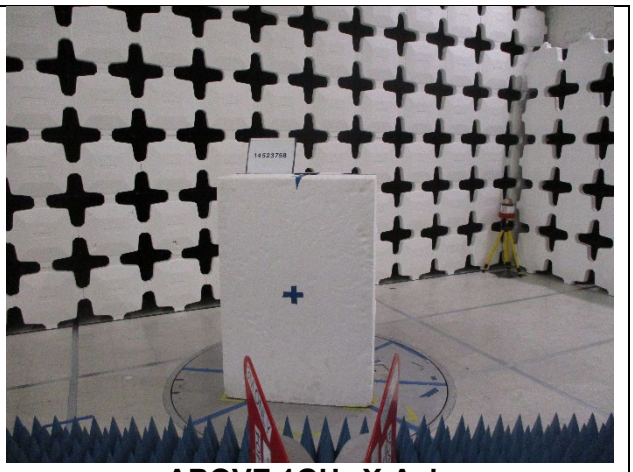



**FCC BELOW 1GHz (FRONT)**

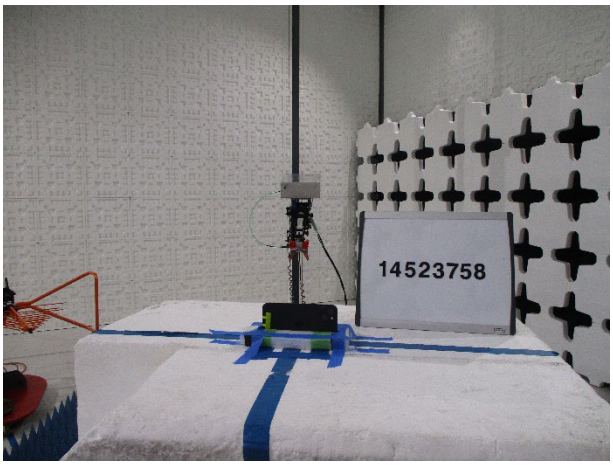
**FCC BELOW 1GHz (BACK)**



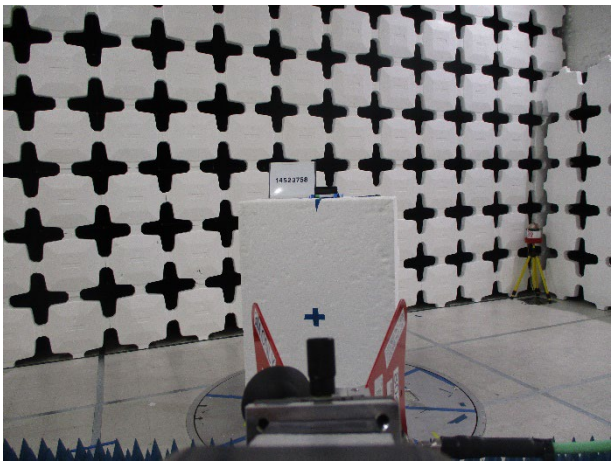

**ABOVE 1GHz X-Axis Front**



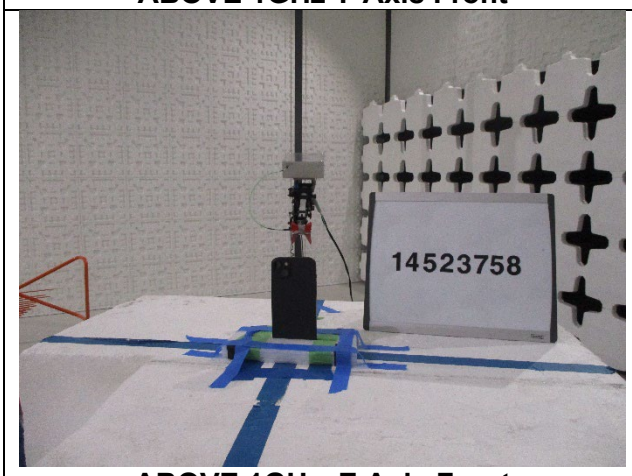
**ABOVE 1GHz X-Axis**



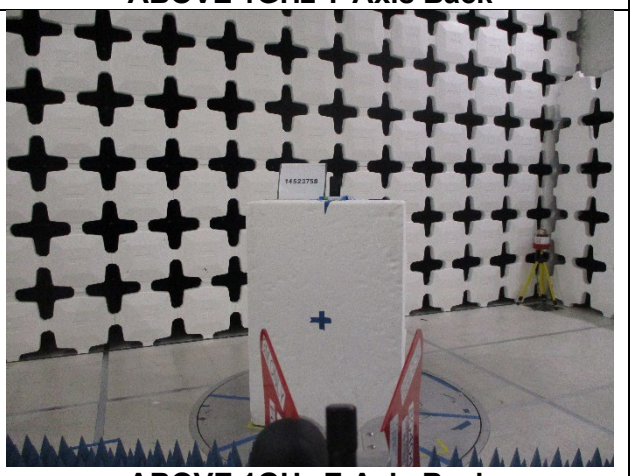

**ABOVE 1GHz Y-Axis Front**



**ABOVE 1GHz Y-Axis Back**



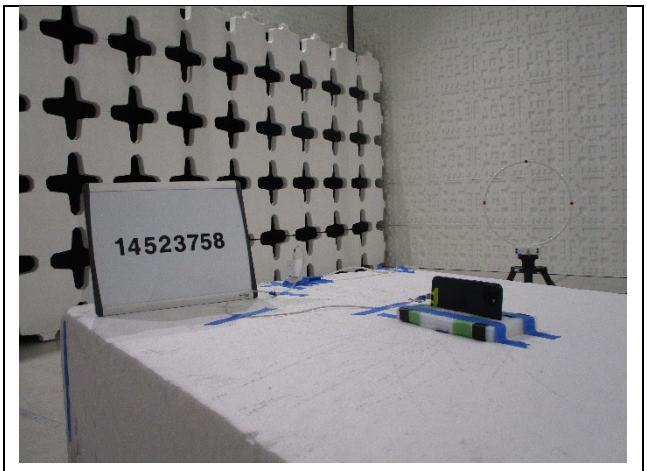

**ABOVE 1GHz Z-Axis Front**

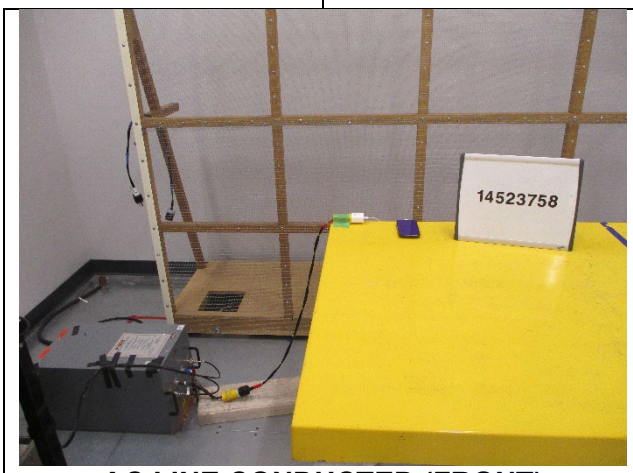


**ABOVE 1GHz Z-Axis Back**

## 2.2. NFC TECHNOLOGY

**FREQ TOLERANCE AND AC LINE CONDUCTED SETUP**

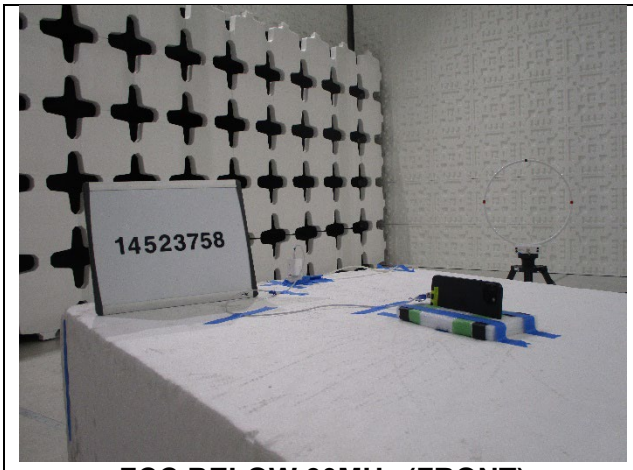


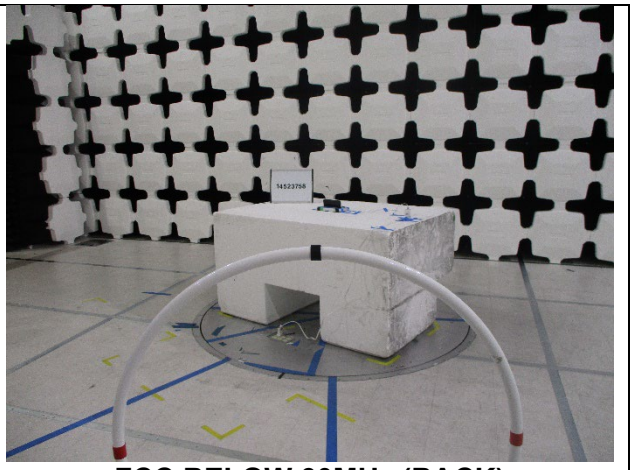

**AC LINE CONDUCTED (FRONT)**

**AC LINE CONDUCTED (BACK)**

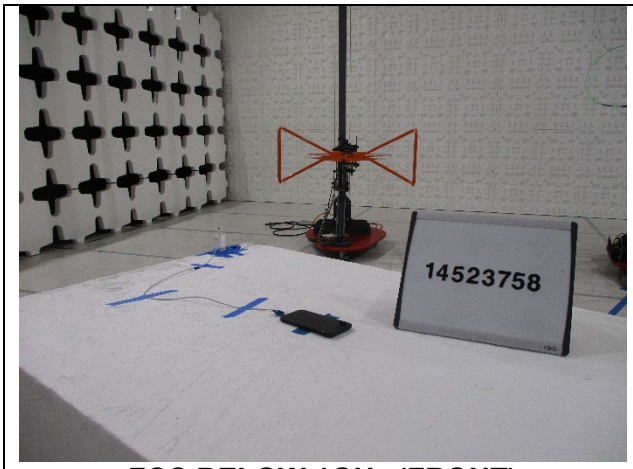
### 2.2.1. RADIATED RF MEASUREMENT SETUP




**FCC BELOW 30MHz (FRONT)**



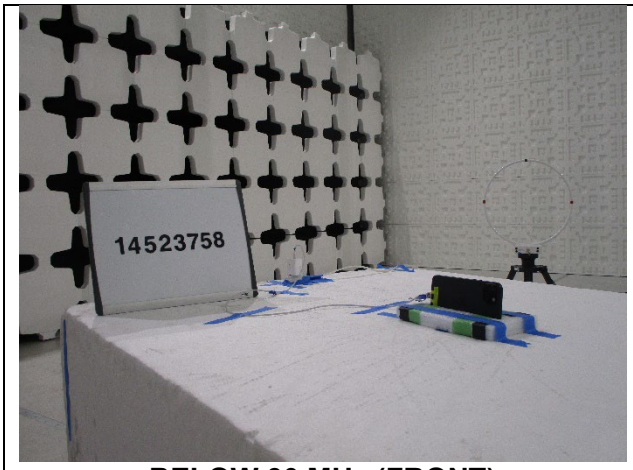
**FCC BELOW 30MHz (BACK)**



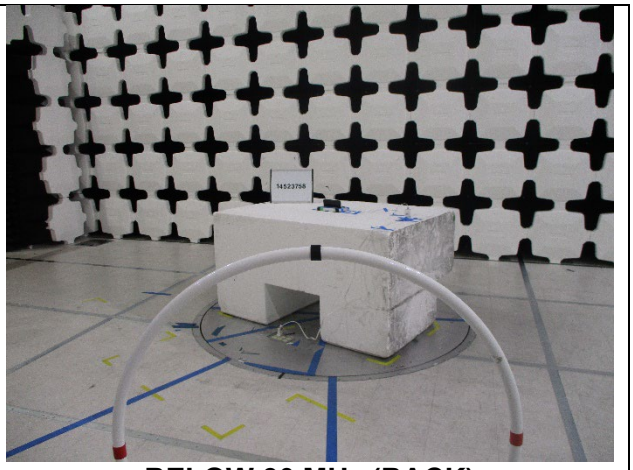

**FCC BELOW 1GHz (FRONT)**

**FCC BELOW 1GHz (BACK)**

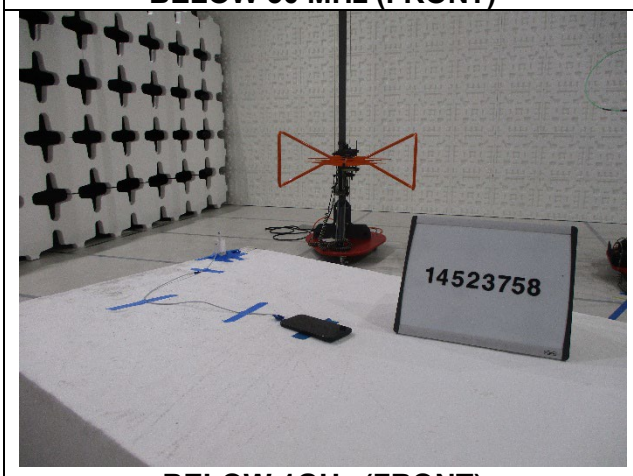
## 2.3. WPT RADIATED AND AC LINE SETUP




BELOW 30 MHz (FRONT)

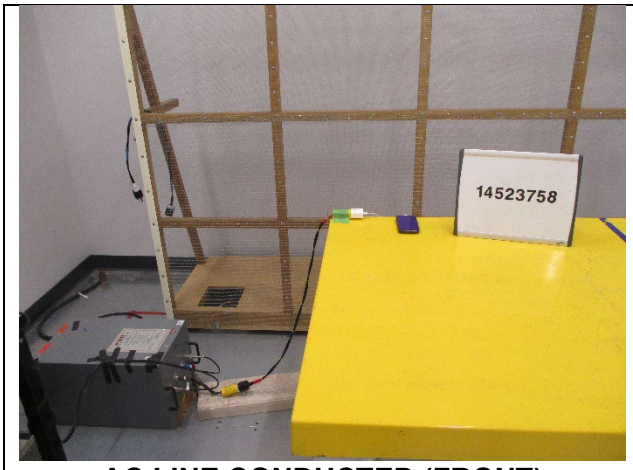


BELOW 30 MHz (BACK)




BELOW 1GHz (FRONT)

BELOW 1GHz (BACK)

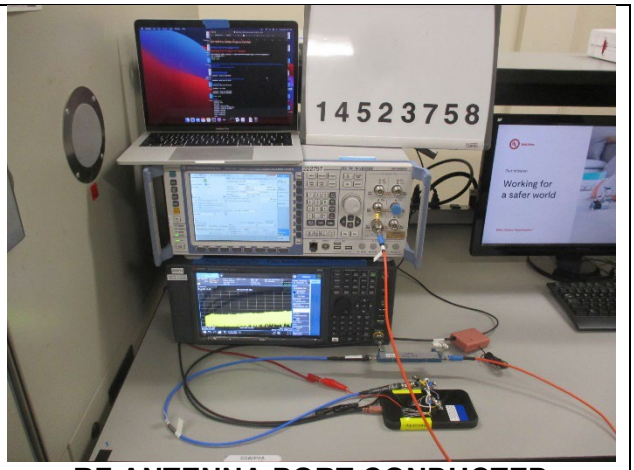



AC LINE CONDUCTED (FRONT)

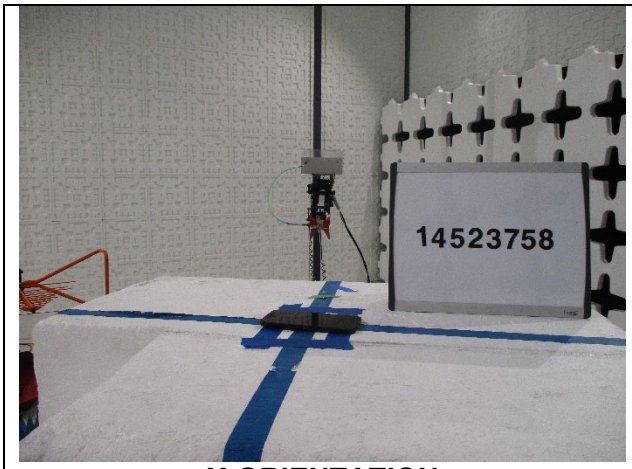
AC LINE CONDUCTED (BACK)

## 2.4. WWAN TECHNOLOGIES

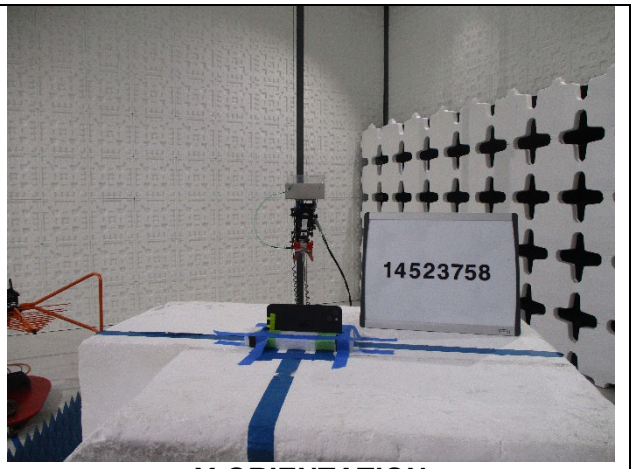
FREQUENCY STABILITY



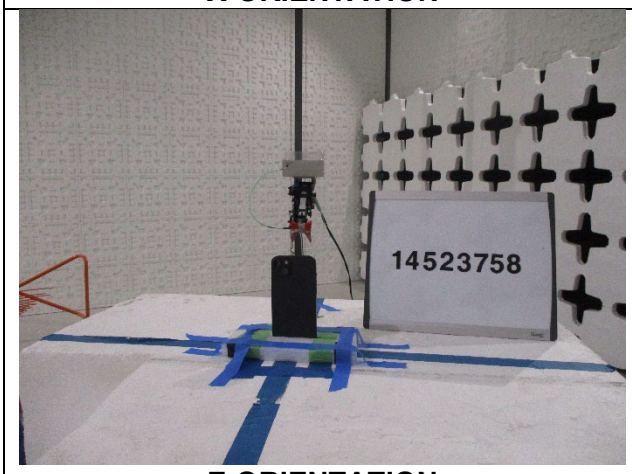

RF ANTENNA PORT CONDUCTED



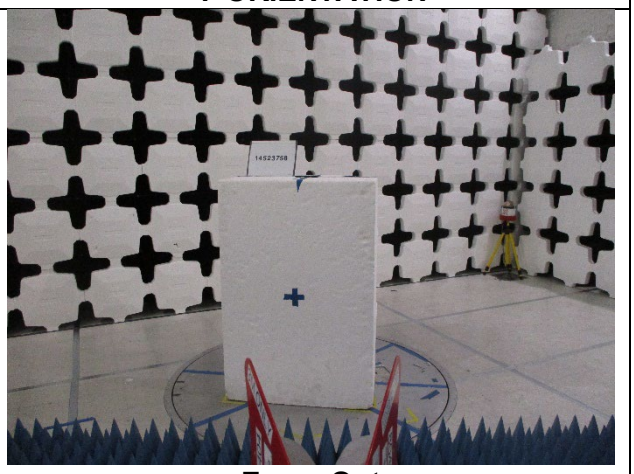

X-ORIENTATION




Y-ORIENTATION

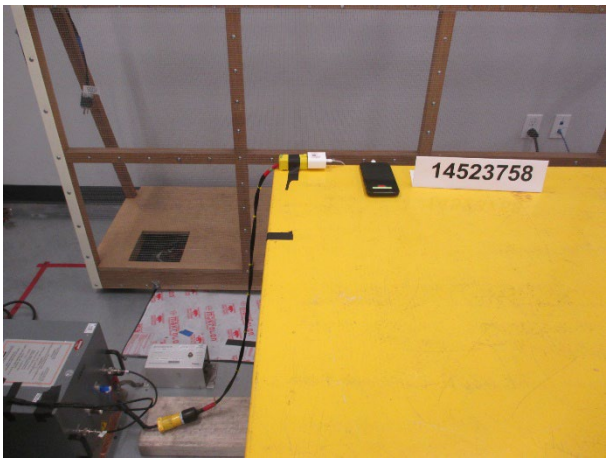



Z-ORIENTATION

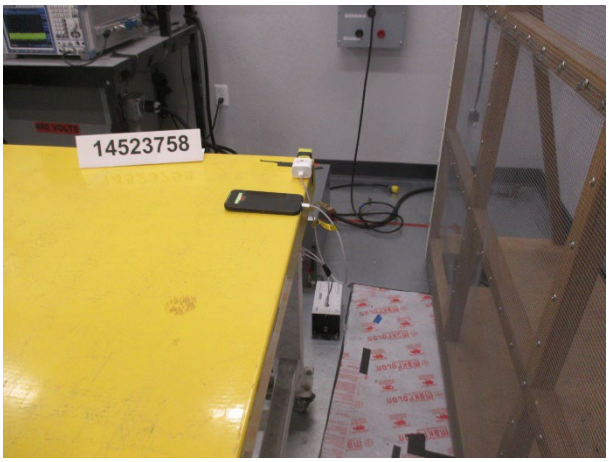


Zoom Out

## 2.5. UWB TECHNOLOGIES SETUP

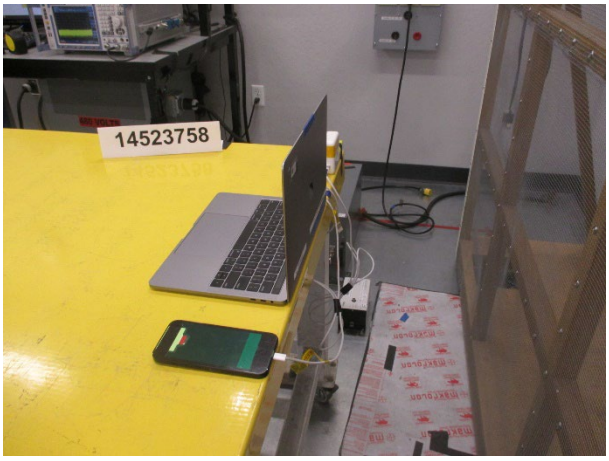



**AC LINE CONDUCTED (FRONT)**



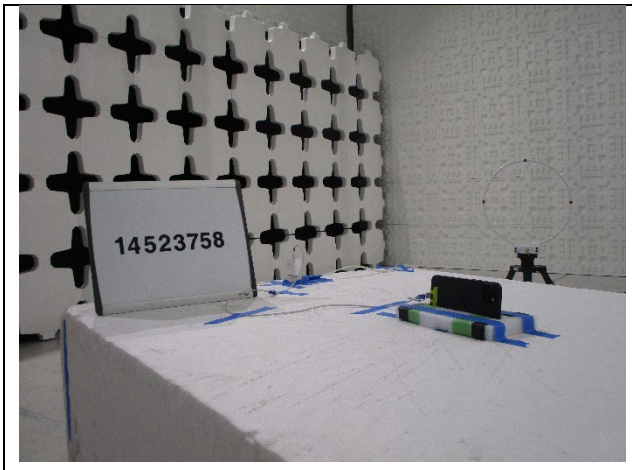

**AC LINE CONDUCTED (BACK)**

**AC LINE WITH LAPTOP (FRONT)**

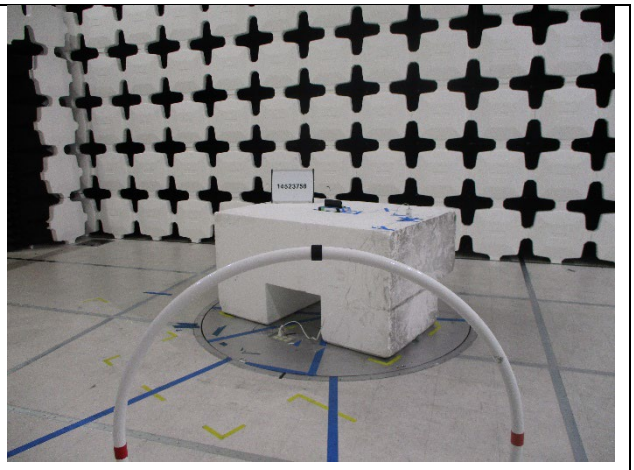



**AC LINE WITH LAPTOP (BACK)**

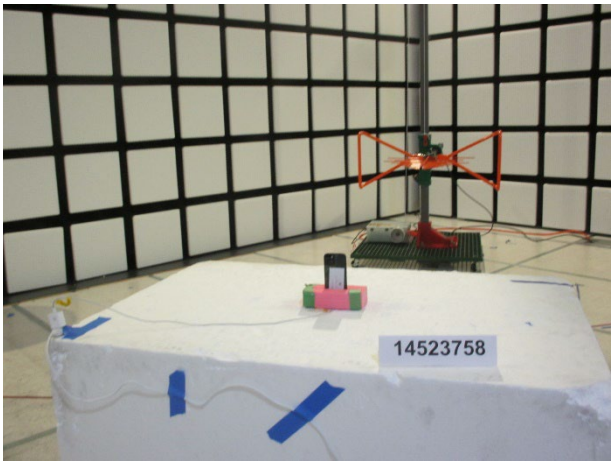
### *2.5.1.* RADIATED RF MEASUREMENT SETUP




**BELOW 30 MHz (FRONT)**

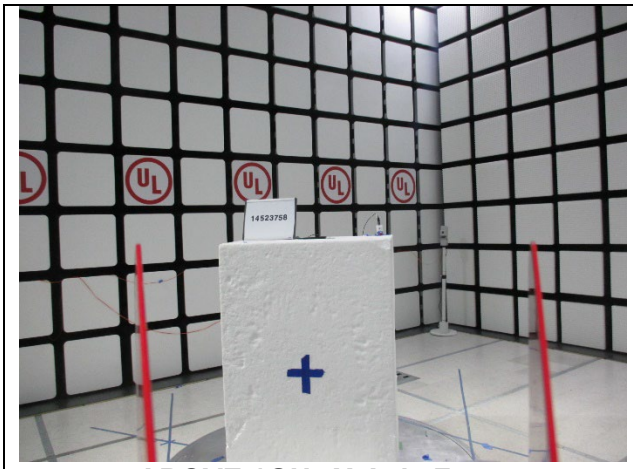


**BELOW 30 MHz (BACK)**

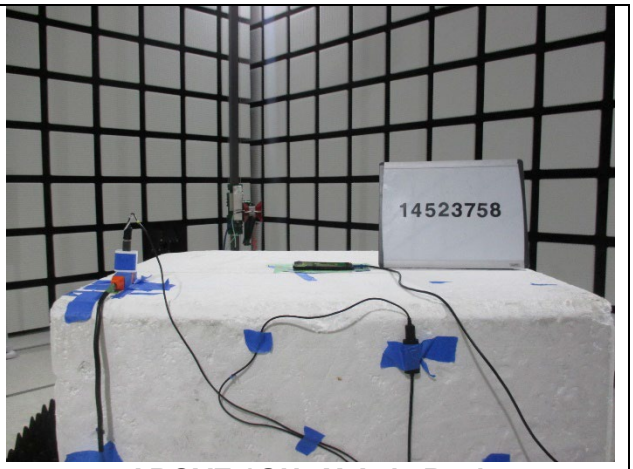



**BELOW 0.96 GHz (FRONT)**

**BELOW 0.96 GHz (BACK)**

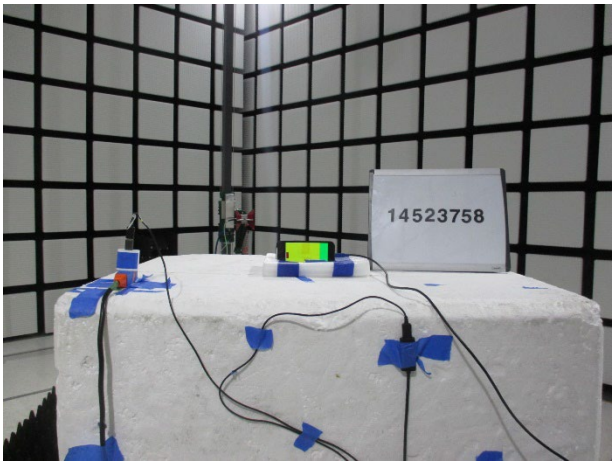



**ABOVE 1GHz X-Axis Front**



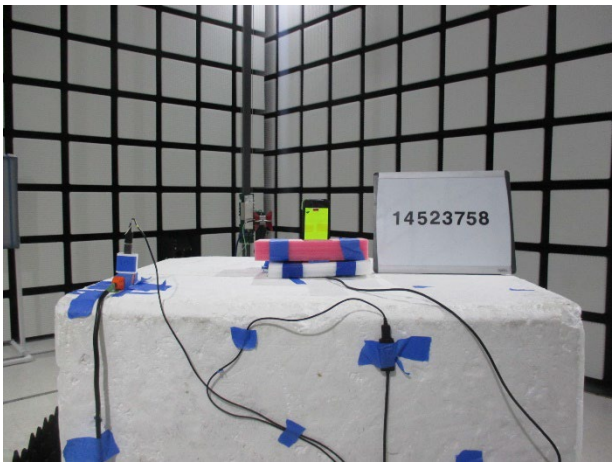

**ABOVE 1GHz X-Axis Back**

**ABOVE 1GHz Y-Axis Front**

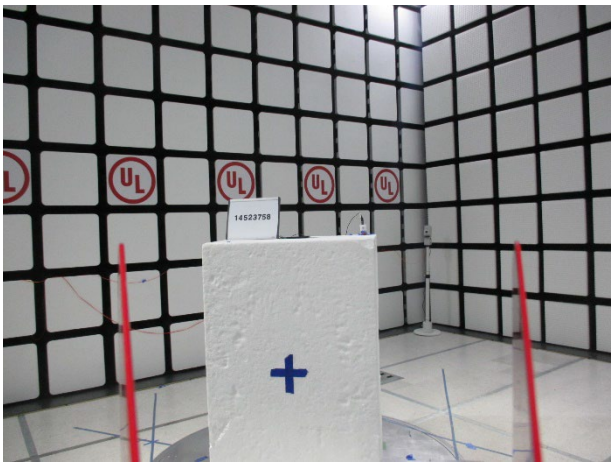



**ABOVE 1GHz Y-Axis Back**

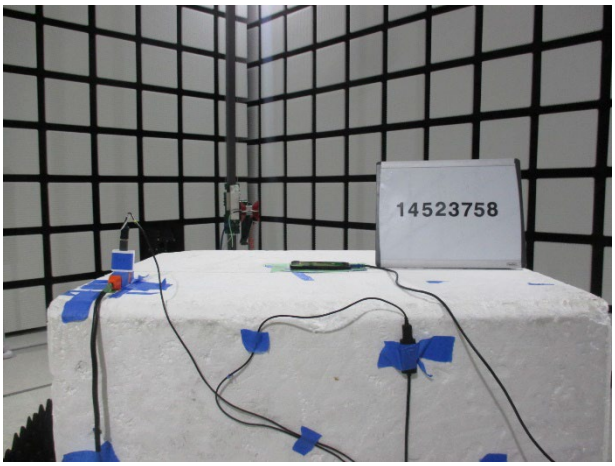
**ABOVE 1GHz Z-Axis Front**



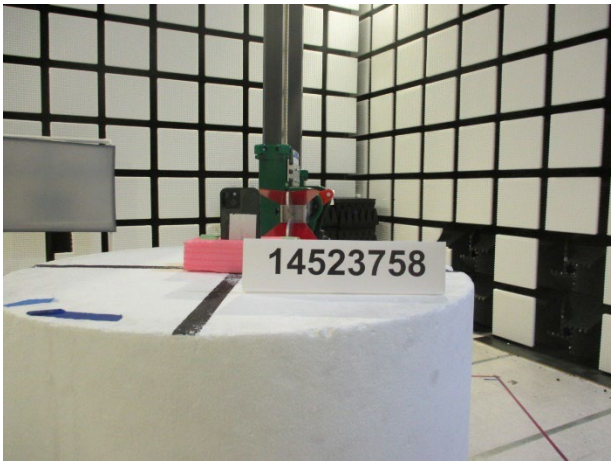

**ABOVE 1GHz Z-Axis Back**




**Fundamental 6 – 9 GHz (FRONT)**




**Fundamental 6 – 9 GHz (BACK)**

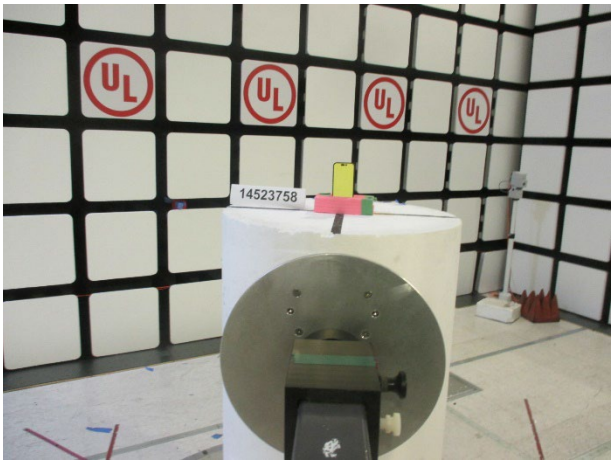
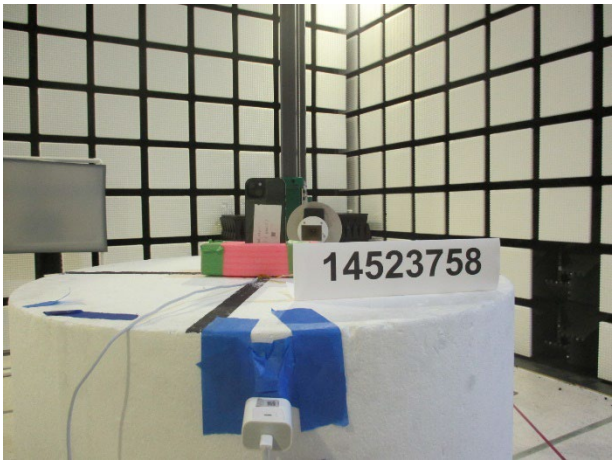



**0.96 – 6 GHz (FRONT)**

**0.96 – 6 GHz (BACK)**

**9 – 18 GHz (FRONT)**

**9 – 18 GHz (BACK)**

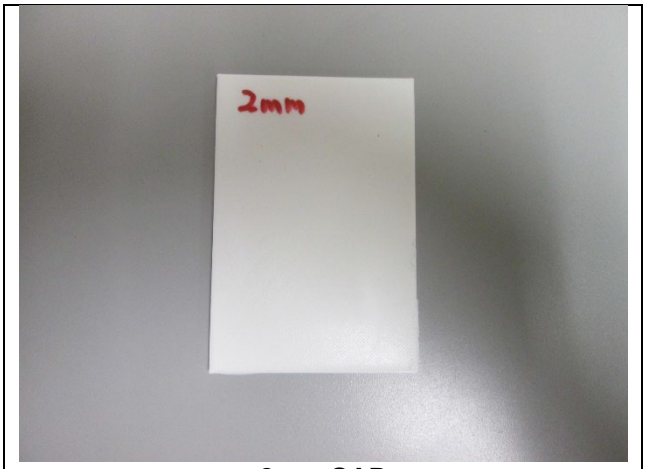
| | |
|---|---|
|   |   |
| **18 - 40 GHz (FRONT)** | **18 – 40 GHz (BACK)** |

## 2.6. CBSD SETUP PHOTO

| | |
|---|---|
| | |
| **B48** | **N48** |

## 2.7. RF EXPOSURE SETUP PHOTO

### 2.7.1. RF Exposure

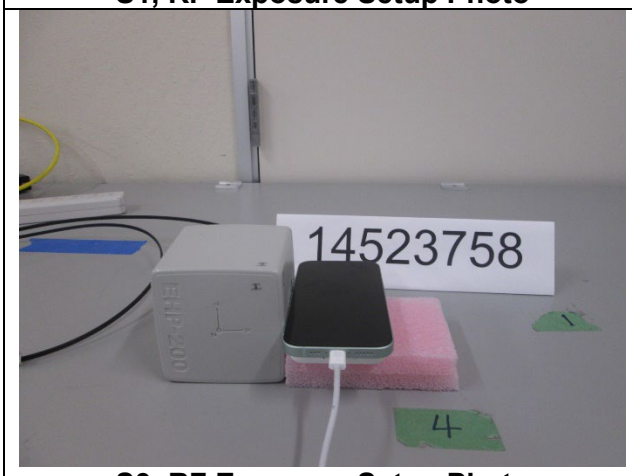



**2mm GAP**

**CONFIGURATION 1 Operating Mode**

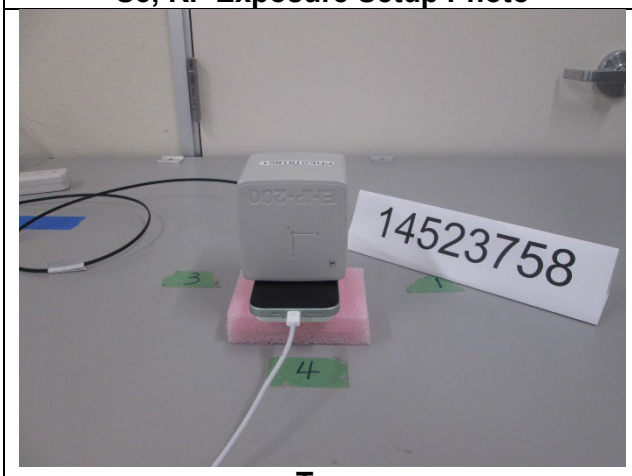
**S1, RF Exposure Setup Photo**

**S2, RF Exposure Setup Photo**




**S3, RF Exposure Setup Photo**

**S4, RF Exposure Setup Photo**

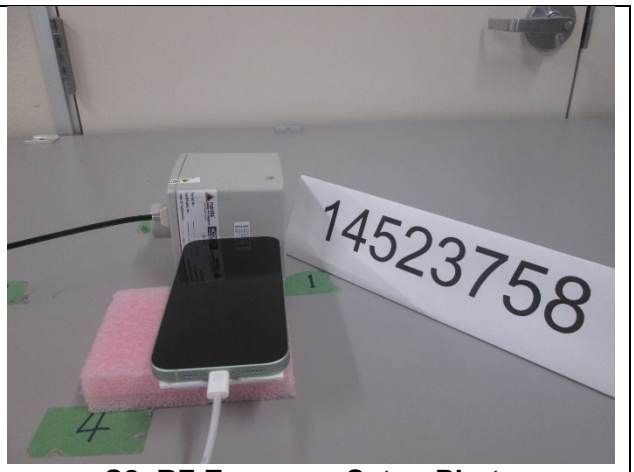



**Top**

**Bottom,**

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

**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**

**Probe side X**

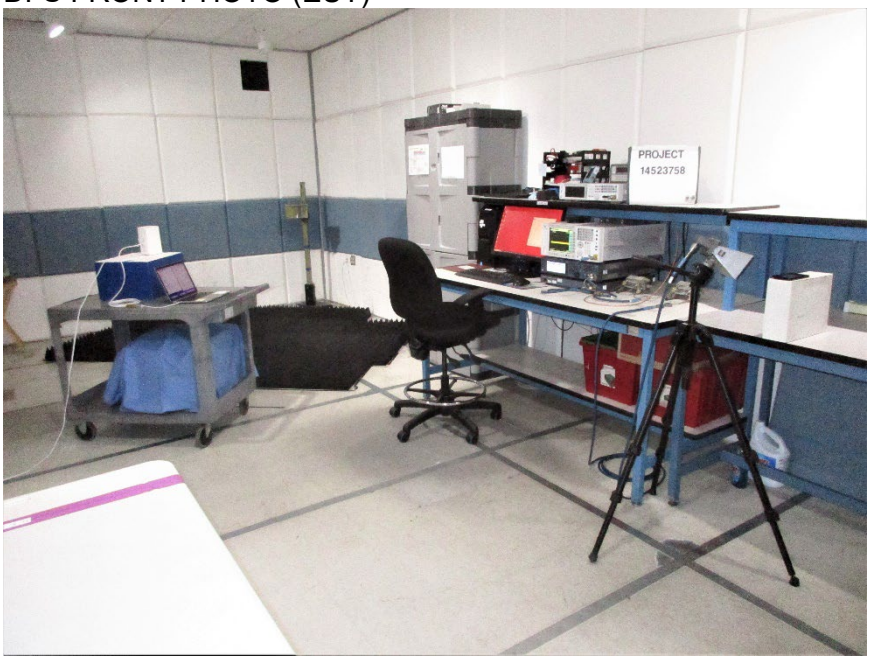
**Probe side Y**

**Probe side Z**

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

## 2.8. DYNAMIC FREQUENCY SELECTION MEASUREMENT SETUP

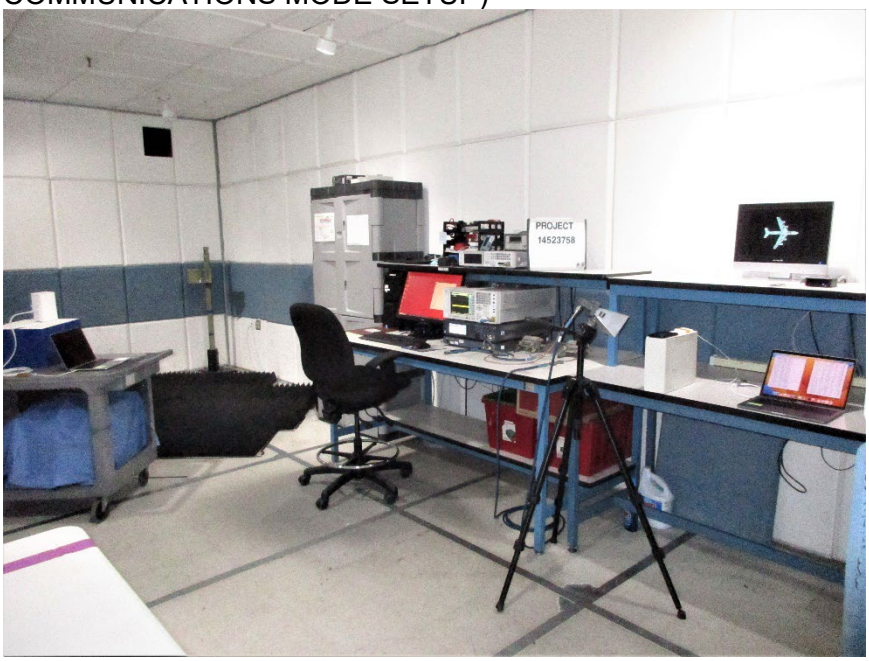
DFS FRONT PHOTO (EUT)



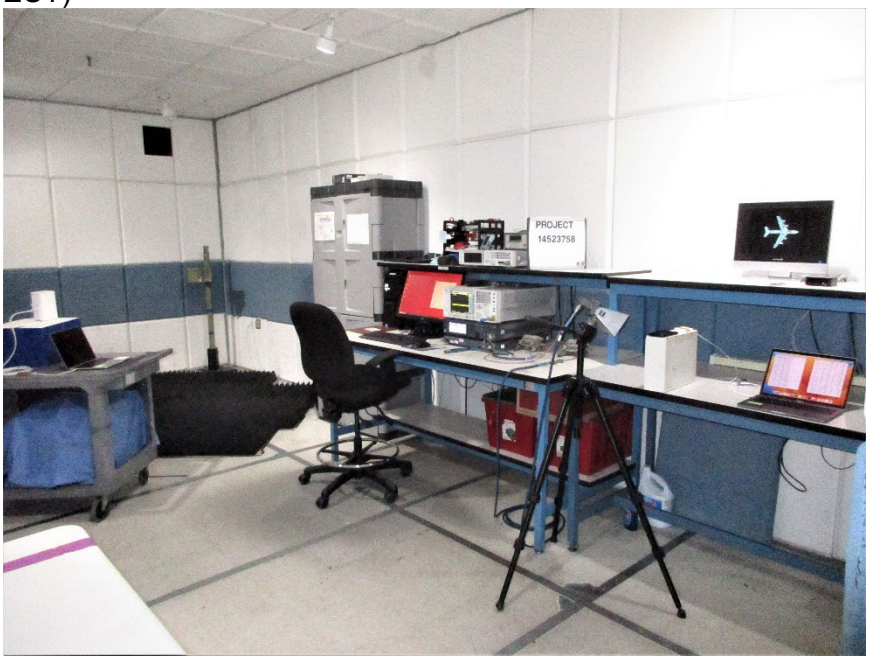

DFS BACK PHOTO (EUT)

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**