TEST SETUP PHOTOS

Report Number: 14523744-EP1V1

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1. SCOPE

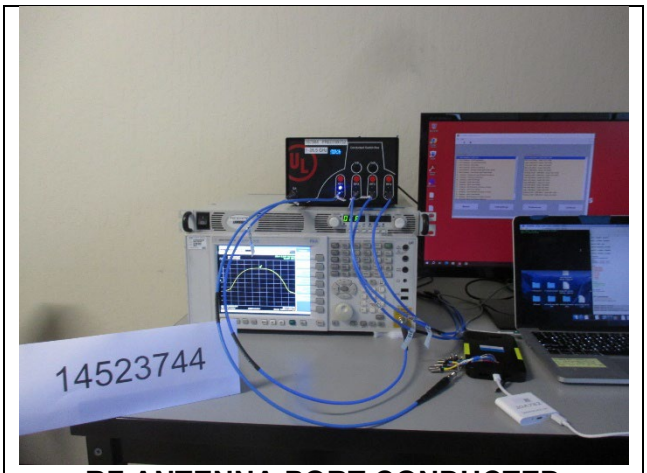
The purpose of this document is to show test setup diagrams and photos for the following reports;

Reports
14523744

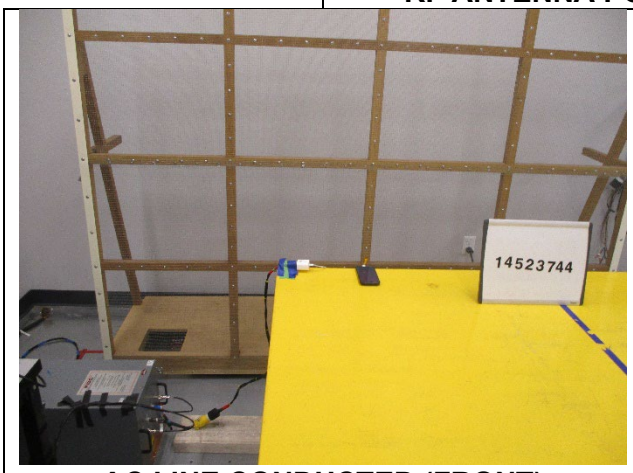
2. A3101 SETUP PHOTOS

2.1. 2.4GHz & 5GHz/NB /6E TECHNOLOGIES

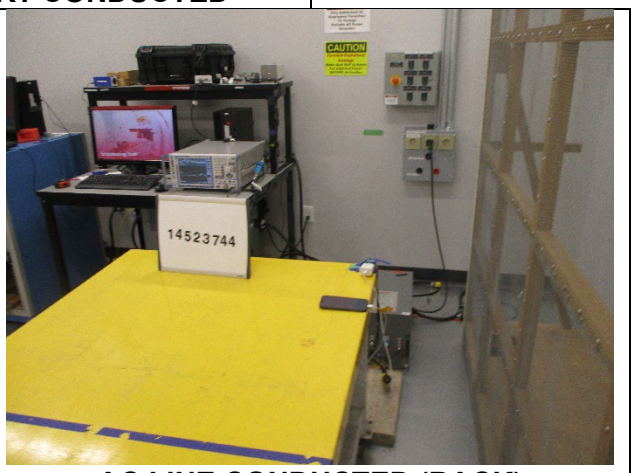
ANTENNA PORT AND AC LINE CONDUCTED SETUP



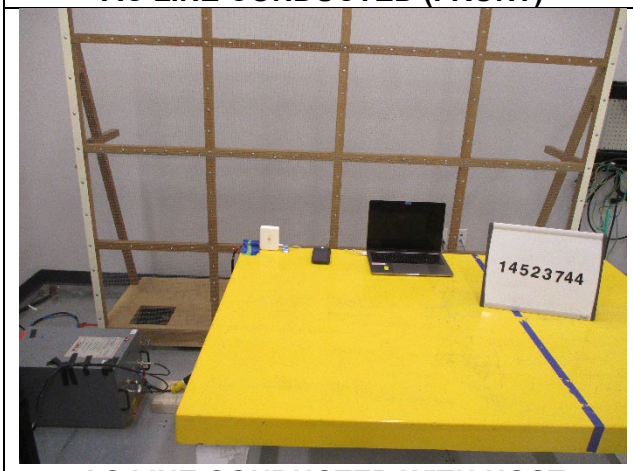
RF ANTENNA PORT CONDUCTED



AC LINE CONDUCTED (FRONT)



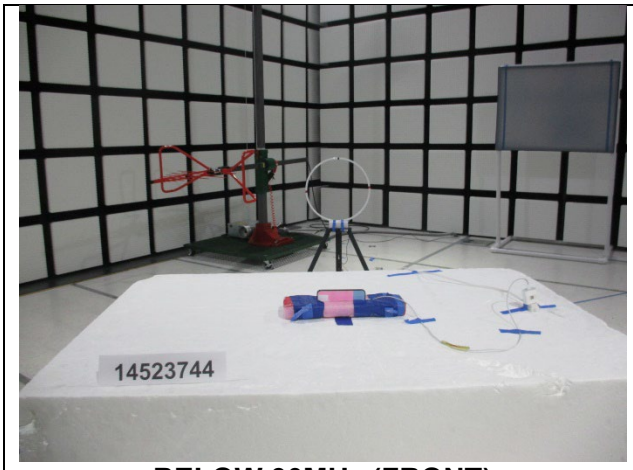
AC LINE CONDUCTED (BACK)



AC LINE CONDUCTED WITH HOST (FRONT)

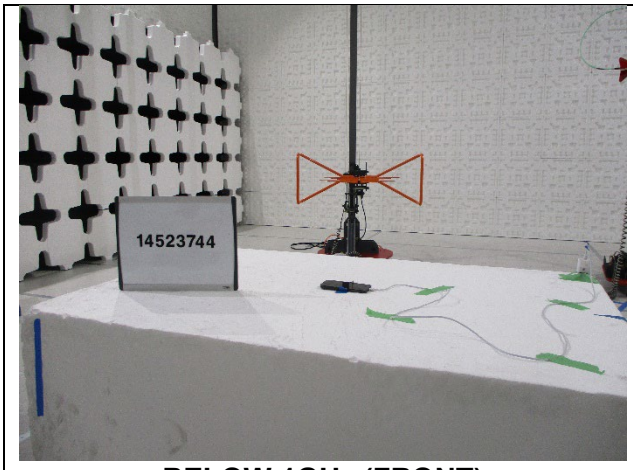
AC LINE CONDUCTED WITH HOST (BACK)

2.1.1. BT/BLE/HDR/DTS/UNII/NB/6E RADIATED RF MEASUREMENT SETUP

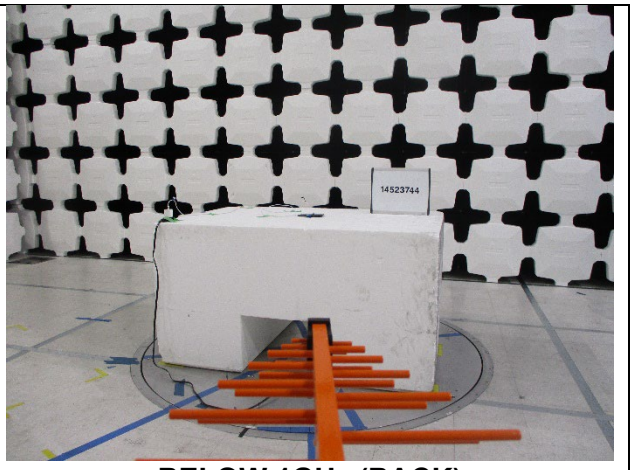


BELOW 30MHz (FRONT)

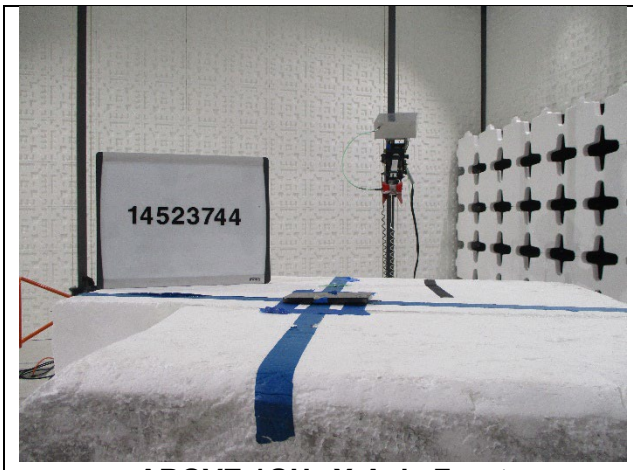
BELOW 30MHz (BACK)



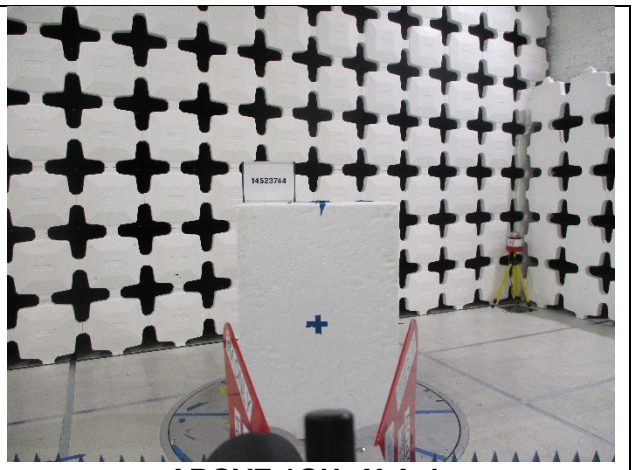
BELOW 1GHz (FRONT)



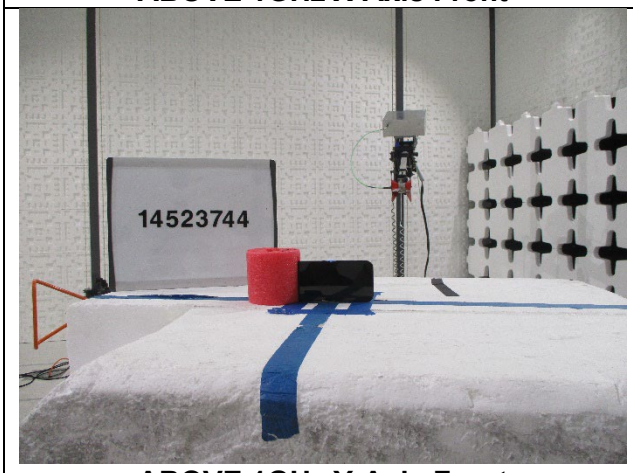
BELOW 1GHz (BACK)



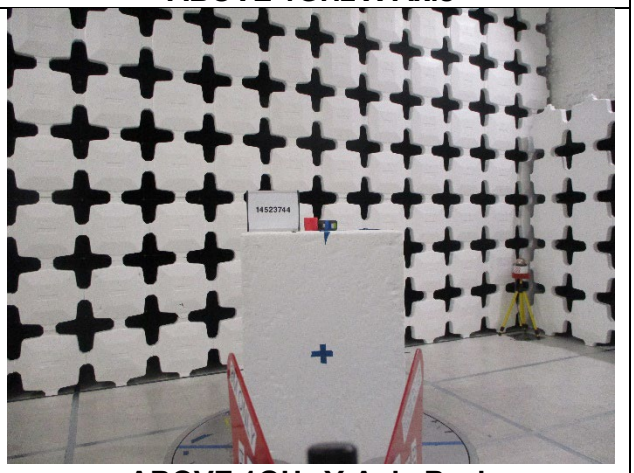
ABOVE 1GHz X-Axis Front



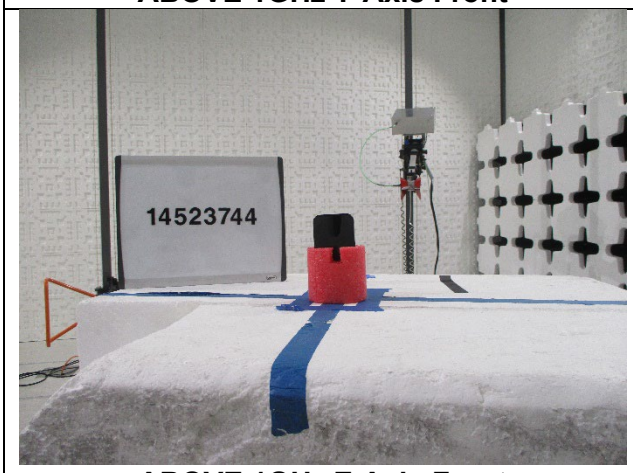
ABOVE 1GHz X-Axis



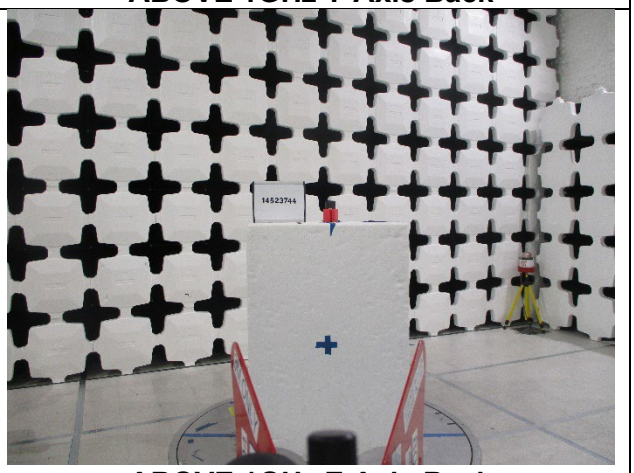
ABOVE 1GHz Y-Axis Front



ABOVE 1GHz Y-Axis Back



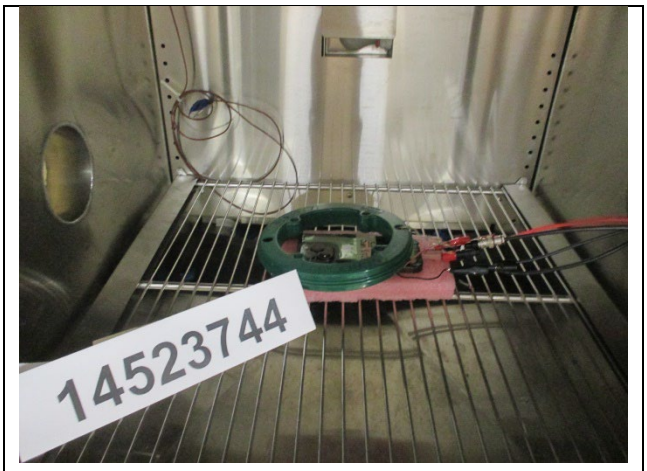
ABOVE 1GHz Z-Axis Front

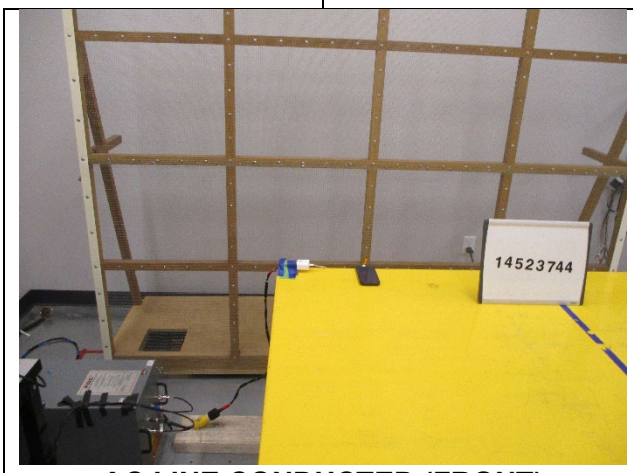


ABOVE 1GHz Z-Axis Back

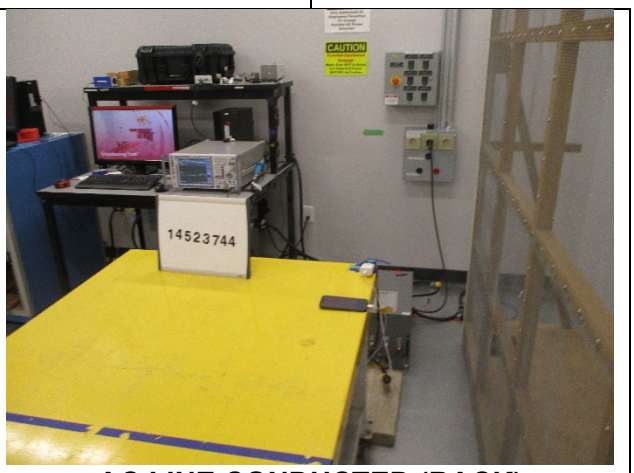
2.2. NFC TECHNOLOGY

FREQ TOLERANCE AND AC LINE CONDUCTED SETUP



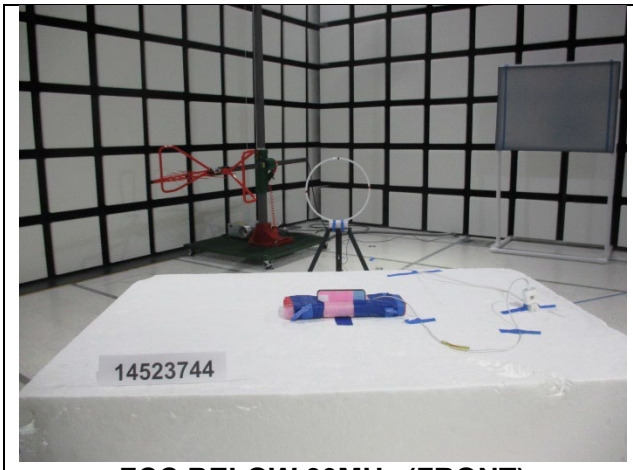


AC LINE CONDUCTED (FRONT)



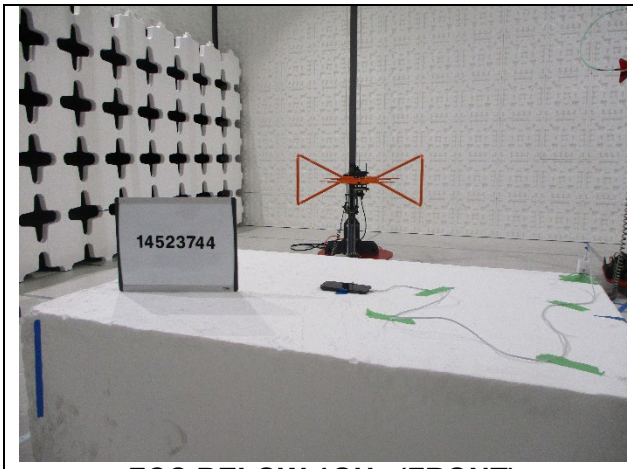
AC LINE CONDUCTED (BACK)

2.2.1. RADIATED RF MEASUREMENT SETUP

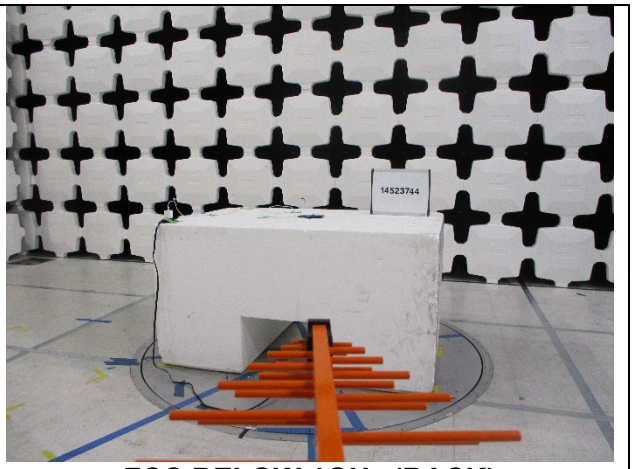


FCC BELOW 30MHz (FRONT)

FCC BELOW 30MHz (BACK)

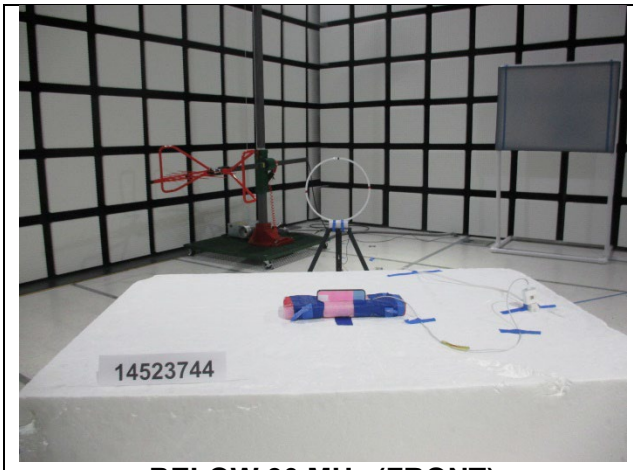


FCC BELOW 1GHz (FRONT)



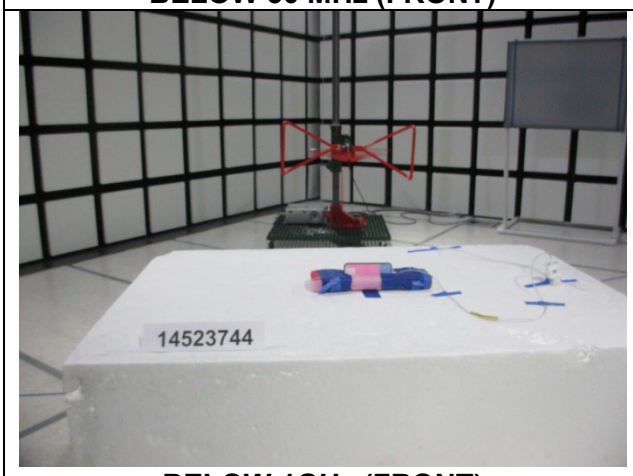
FCC BELOW 1GHz (BACK)

2.3. WPT RADIATED AND AC LINE SETUP



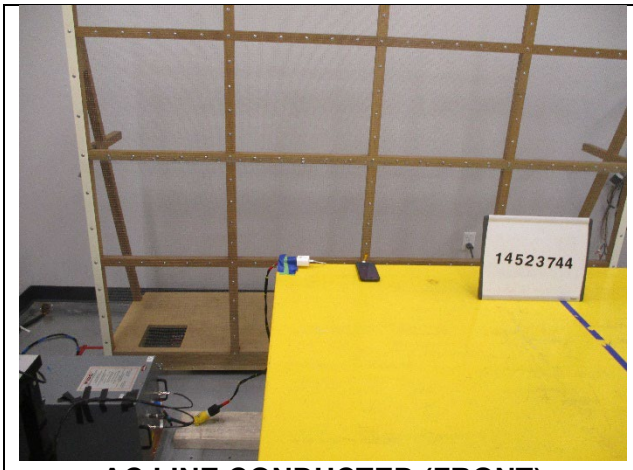
BELOW 30 MHz (FRONT)

BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)

BELOW 1GHz (BACK)

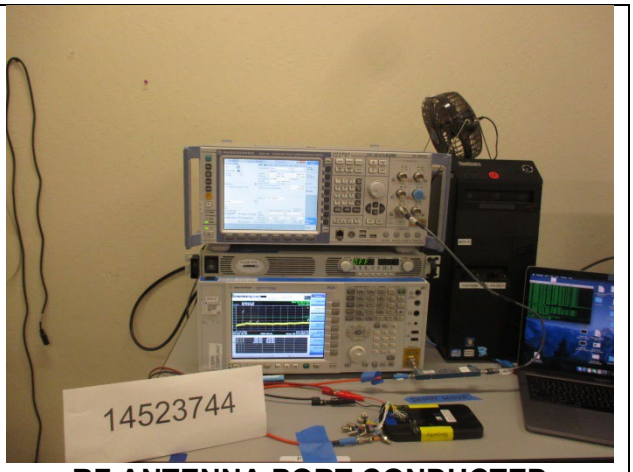


AC LINE CONDUCTED (FRONT)

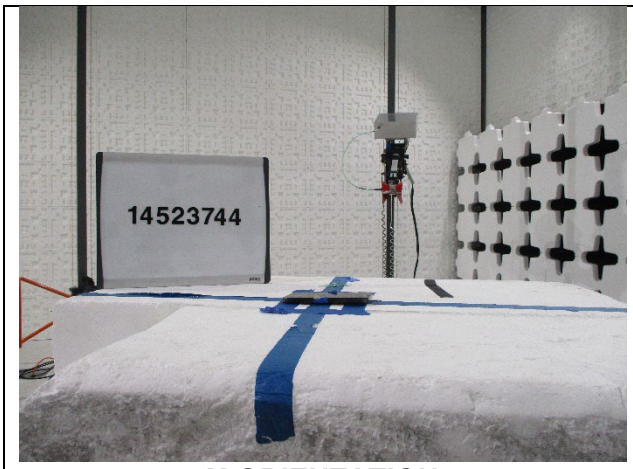
AC LINE CONDUCTED (BACK)

2.4. WWAN TECHNOLOGIES

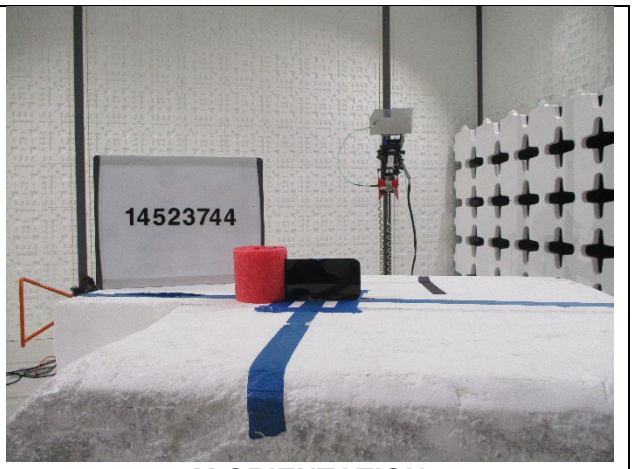
FREQUENCY STABILITY



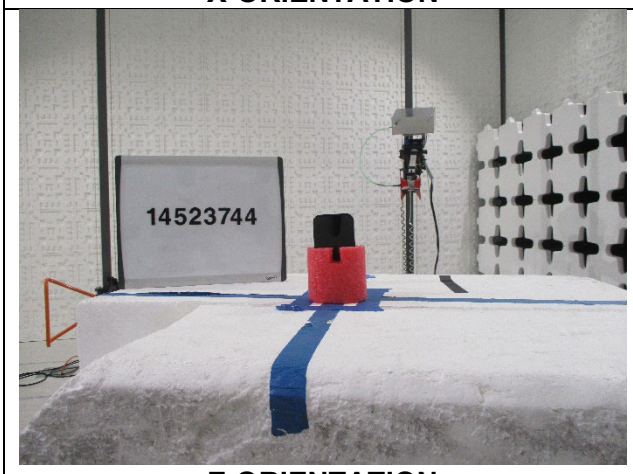
RF ANTENNA PORT CONDUCTED



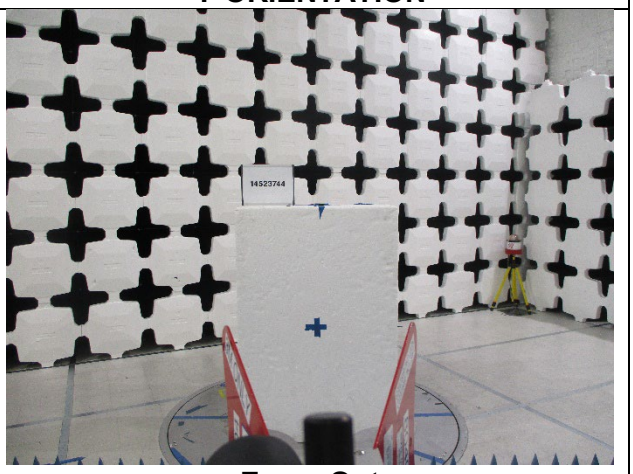
X-ORIENTATION



Y-ORIENTATION

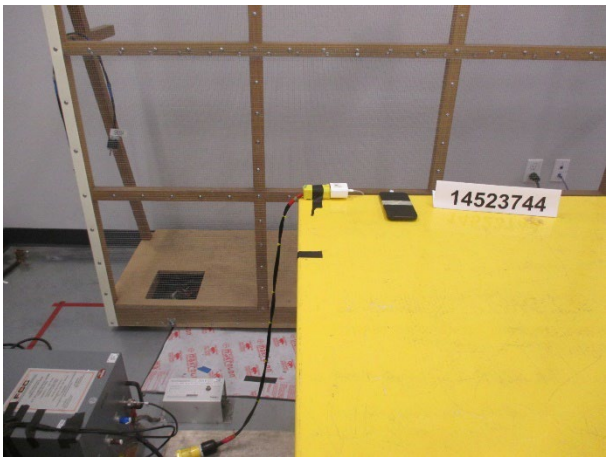


Z-ORIENTATION



Zoom Out

2.5. UWB TECHNOLOGIES SETUP



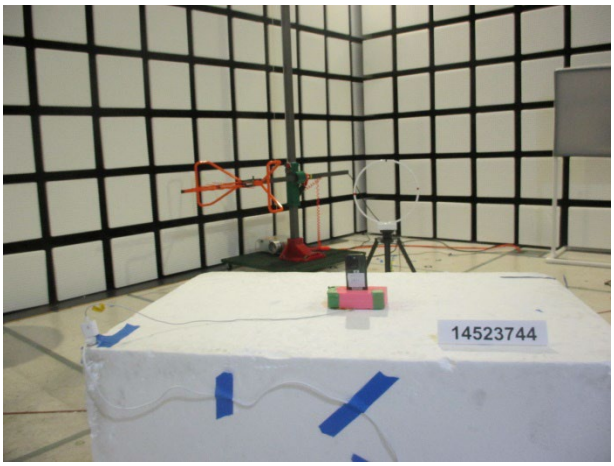
AC LINE CONDUCTED (FRONT)

AC LINE CONDUCTED (BACK)

AC LINE WITH LAPTOP (FRONT)

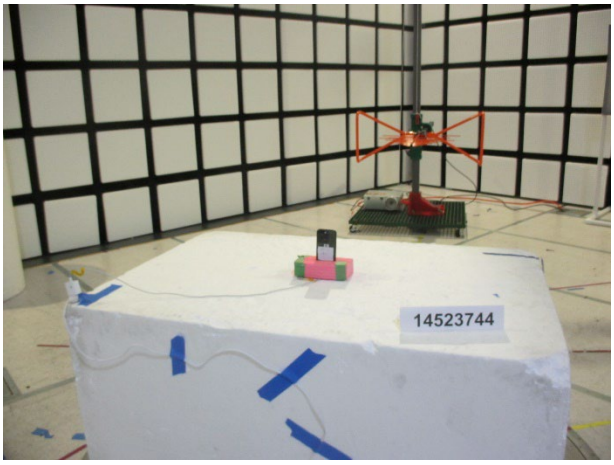
AC LINE WITH LAPTOP (BACK)

2.5.1. RADIATED RF MEASUREMENT SETUP

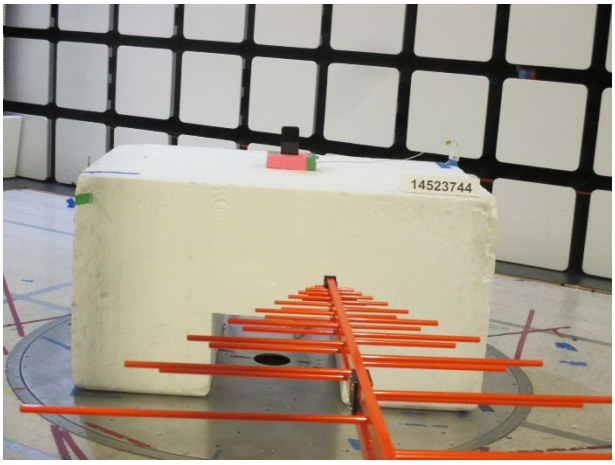


BELOW 30 MHz (FRONT)

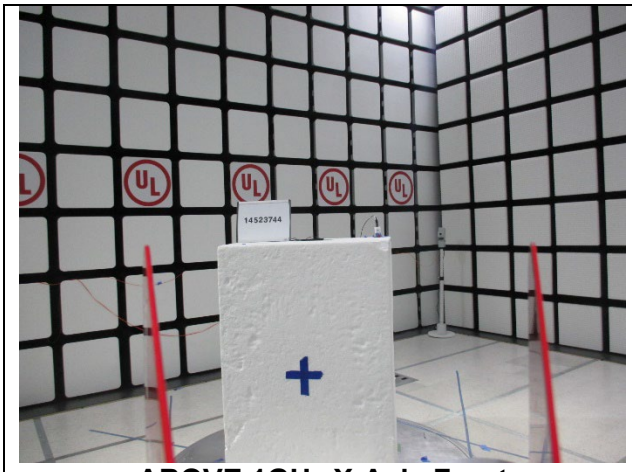
BELOW 30 MHz (BACK)



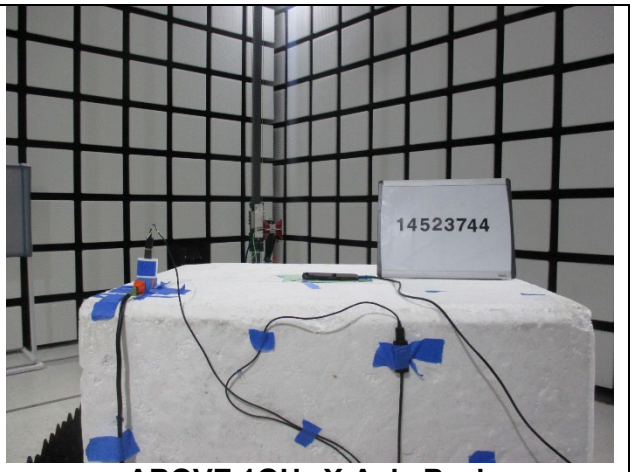
BELOW 0.96 GHz (FRONT)



BELOW 0.96 GHz (BACK)

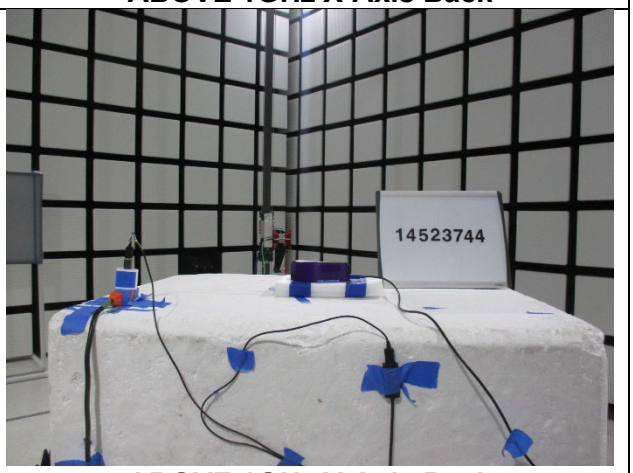


ABOVE 1GHz X-Axis Front



ABOVE 1GHz X-Axis Back

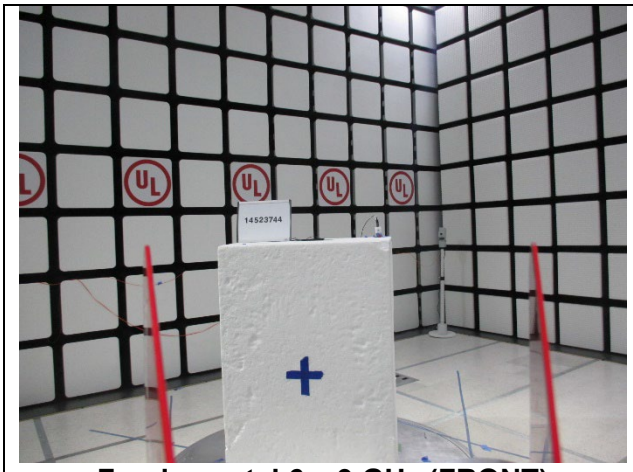
ABOVE 1GHz Y-Axis Front



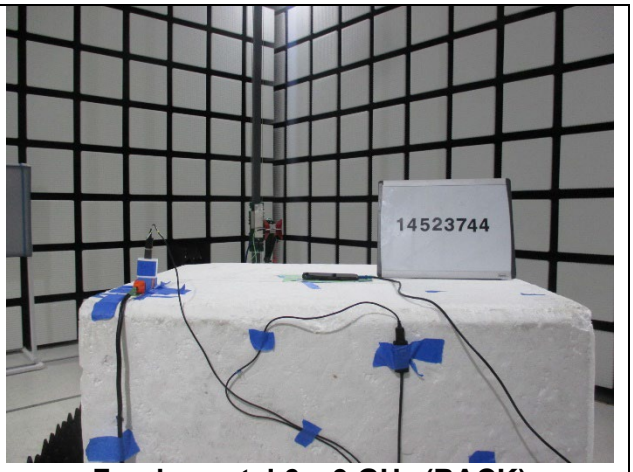
ABOVE 1GHz Y-Axis Back

ABOVE 1GHz Z-Axis Front

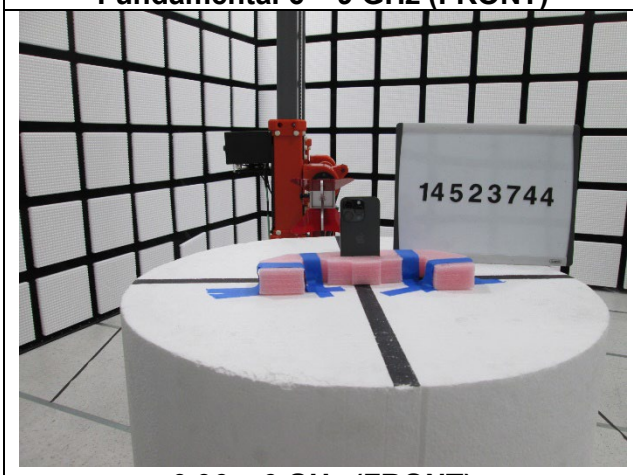
ABOVE 1GHz Z-Axis Back



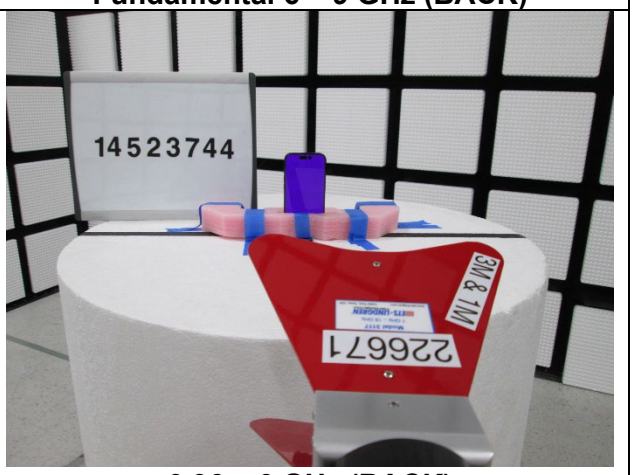
Fundamental 6 – 9 GHz (FRONT)



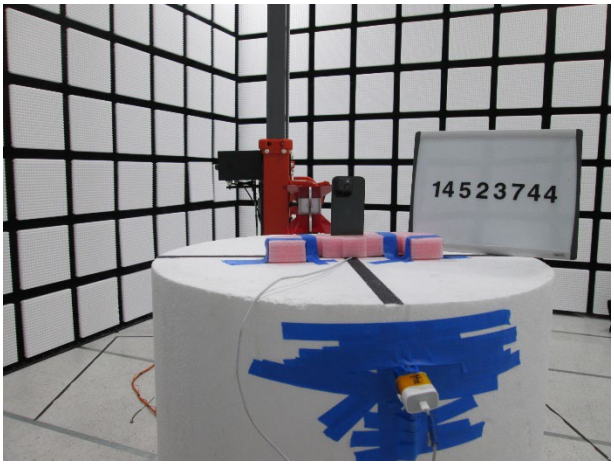
Fundamental 6 – 9 GHz (BACK)



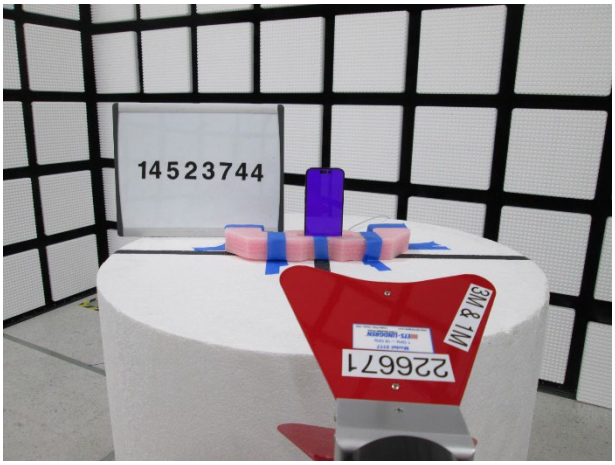
0.96 – 6 GHz (FRONT)



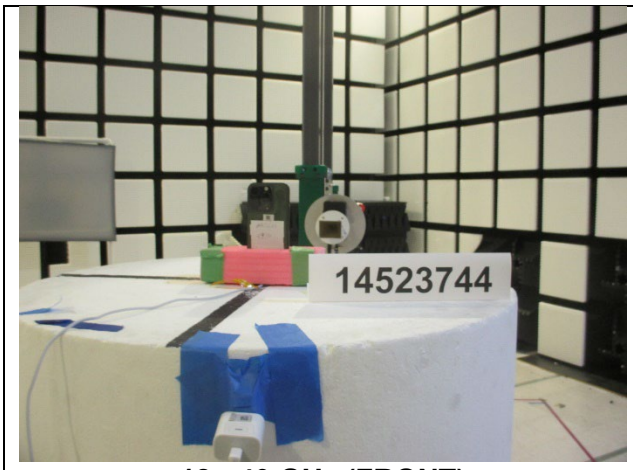
0.96 – 6 GHz (BACK)



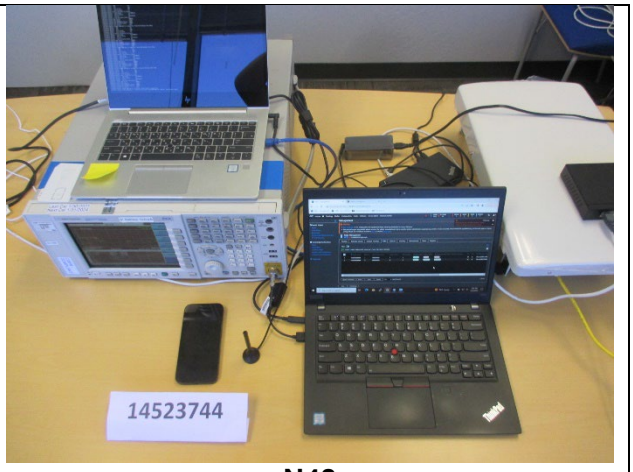
9 – 18 GHz (FRONT)



9 – 18 GHz (BACK)

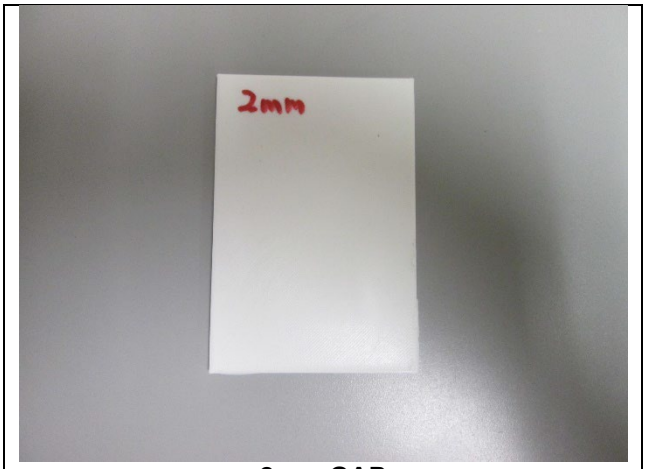
	
18 - 40 GHz (FRONT)	**18 – 40 GHz (BACK)**

2.6. CBSD SETUP PHOTO

B48	 **N48**

2.7. RF EXPOSURE SETUP PHOTO

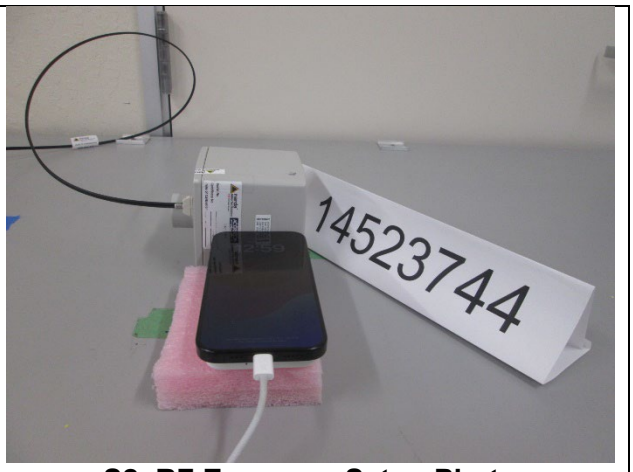
2.7.1. RF Exposure



2mm GAP

CONFIGURATION 1 Operating Mode

S1, RF Exposure Setup Photo

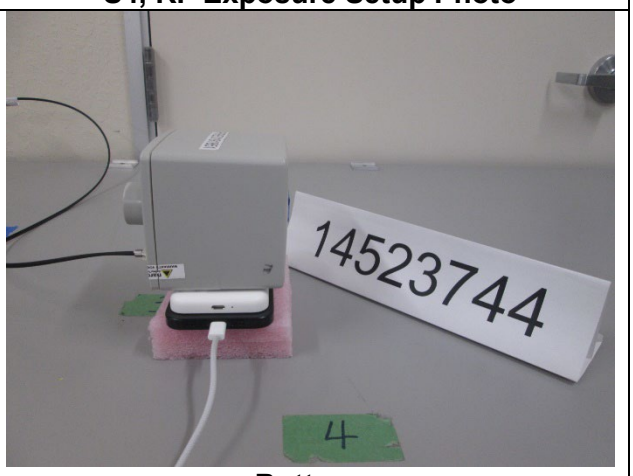


S2, RF Exposure Setup Photo

S3, RF Exposure Setup Photo

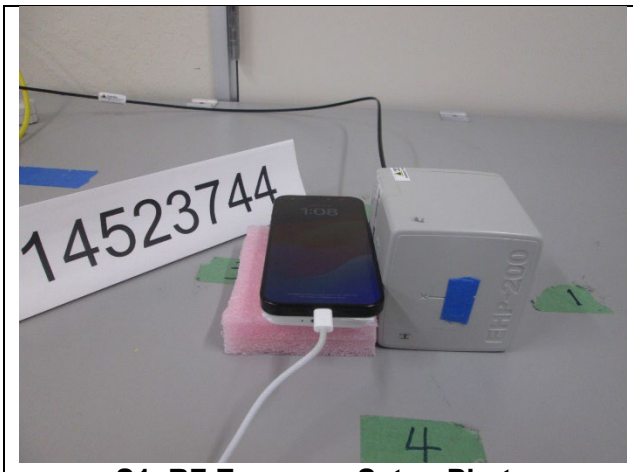
S4, RF Exposure Setup Photo

Top

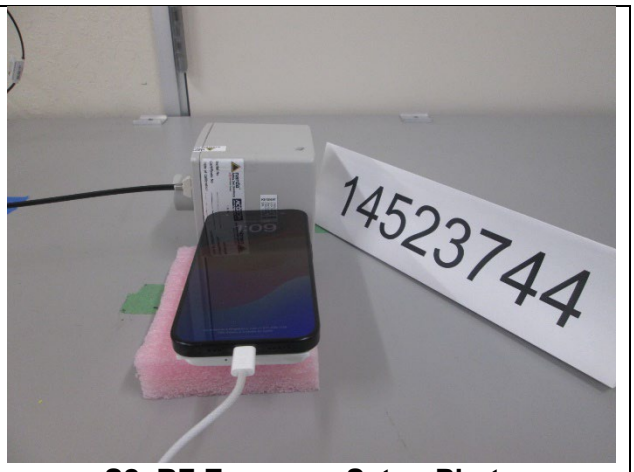


Bottom,

CONFIGURATION 2 Operating Mode with 2mm gap



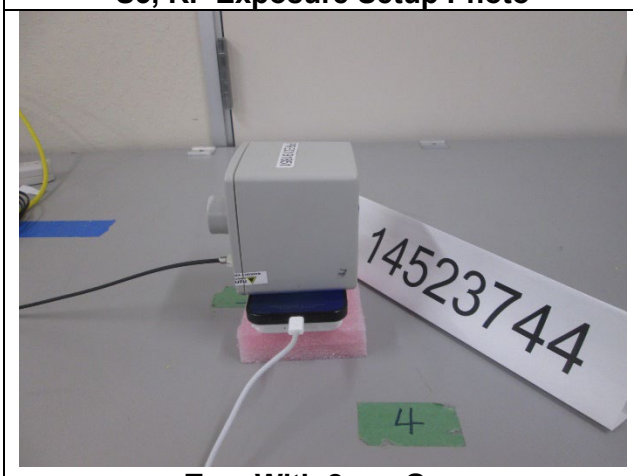
S1, RF Exposure Setup Photo



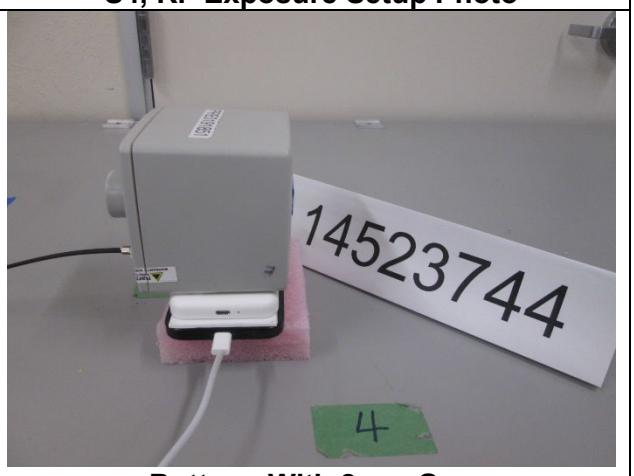
S2, RF Exposure Setup Photo

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

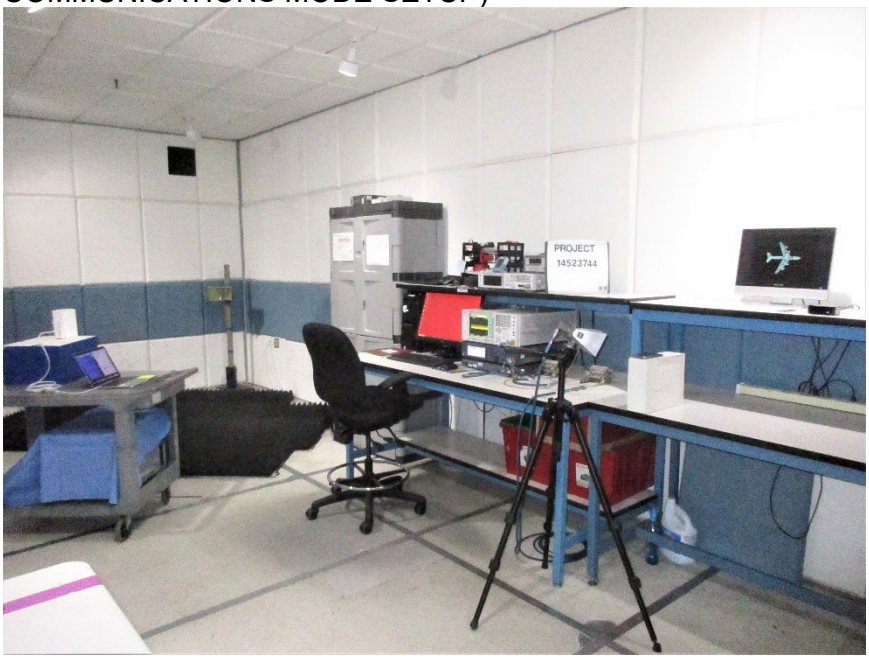
2.8. DYNAMIC FREQUENCY SELECTION MEASUREMENT SETUP

DFS FRONT PHOTO (EUT)

DFS BACK PHOTO (EUT)

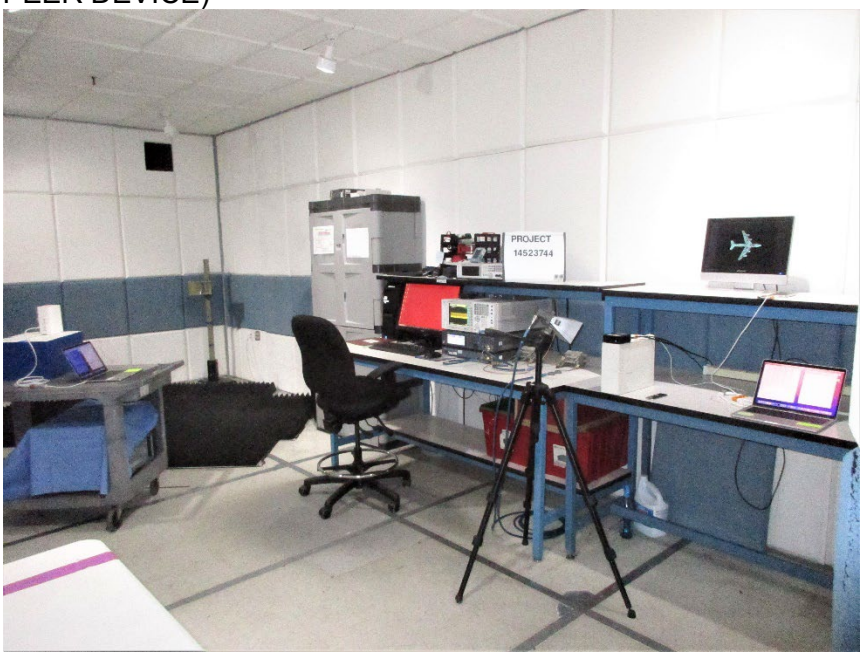
DFS FULL SETUP PHOTO (CLIENT MODE SETUP)

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)



2.9. CONTENTION PROTOCOL MEASUREMENT SETUP

CONTENTION PROTOCOL PHOTO (FRONT)

CONTENTION PROTOCOL PHOTO (BACK)

END OF REPORT