TEST SETUP PHOTOS

Report Number: 14982436-EP1V1

TABLE OF CONTENTS

1. SCOPE 2
2. A3803 SETUP PHOTOS 3
2.1. 2.4GHz / 5GHz /NB /6E TECHNOLOGIES 3
2.1.1. BT/BLE/HDR/DTS/UNII/NB/6E RADIATED RF MEASUREMENT SETUP 4
2.2. NFC TECHNOLOGY 7
2.2.1. RADIATED RF MEASUREMENT SETUP 8
2.3. WPT RADIATED AND AC LINE SETUP 10
2.4. WWAN TECHNOLOGIES 11
2.5. UWB TECHNOLOGIES SETUP 12
2.5.1. RADIATED RF MEASUREMENT SETUP 13
2.6. CBRS SETUP PHOTO 17
2.7. DYNAMIC FREQUENCY SELECTION MEASUREMENT SETUP 18
2.8. CONTENTION PROTOCOL MEASUREMENT SETUP 21

1. SCOPE

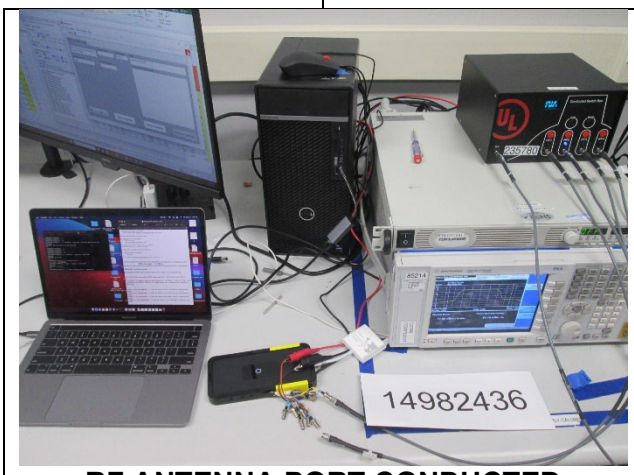
The purpose of this document is to show test setup diagrams and photos for the following reports;

Reports
14982436

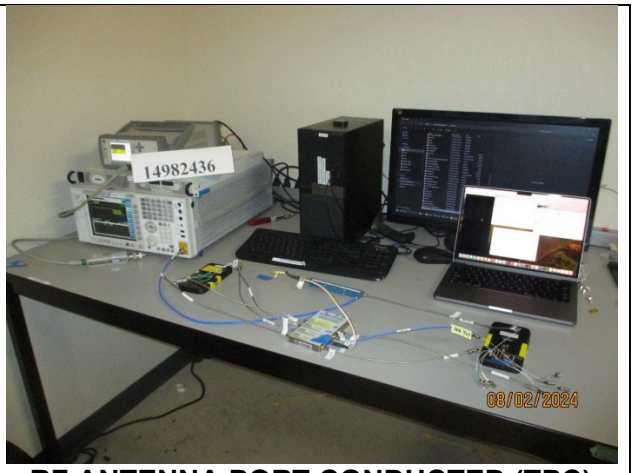
2. A3803 SETUP PHOTOS

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

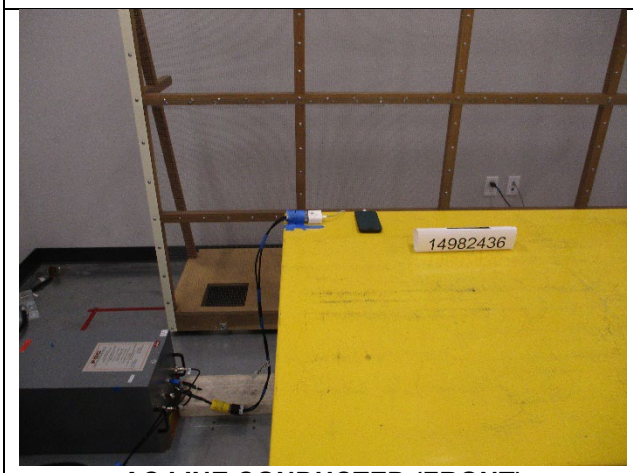
ANTENNA PORT AND AC LINE CONDUCTED SETUP



RF ANTENNA PORT CONDUCTED

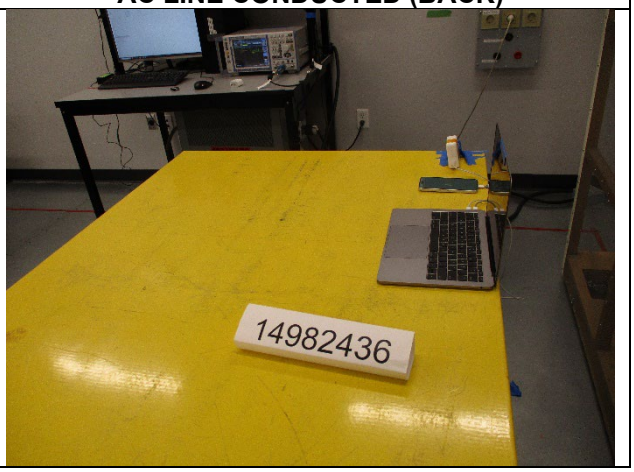


RF ANTENNA PORT CONDUCTED (TPC)



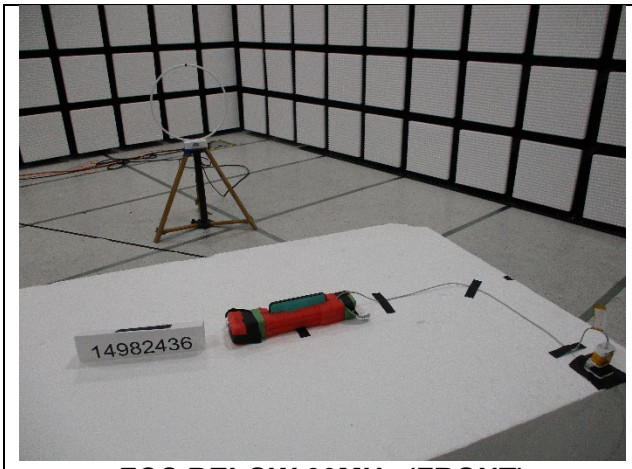
AC LINE CONDUCTED (FRONT)

AC LINE CONDUCTED (BACK)

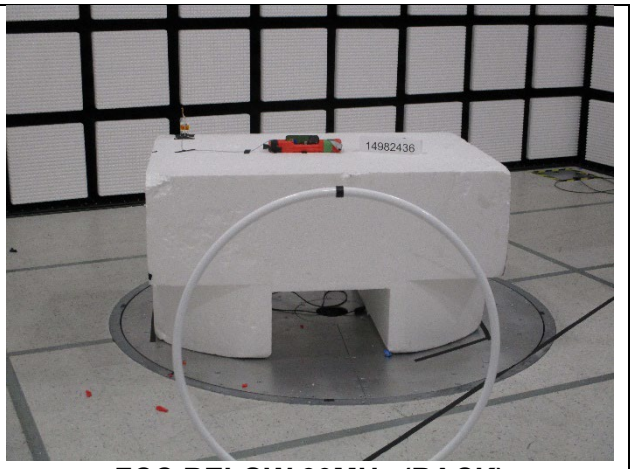


AC LINE CONDUCTED WITH HOST (FRONT)	AC LINE CONDUCTED WITH HOST (BACK)

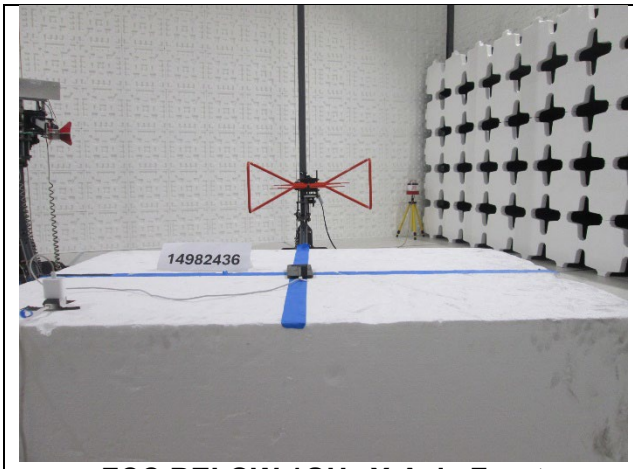
2.1.1. BT/BLE/HDR/DTS/UNII/NB/6E RADIATED RF MEASUREMENT SETUP



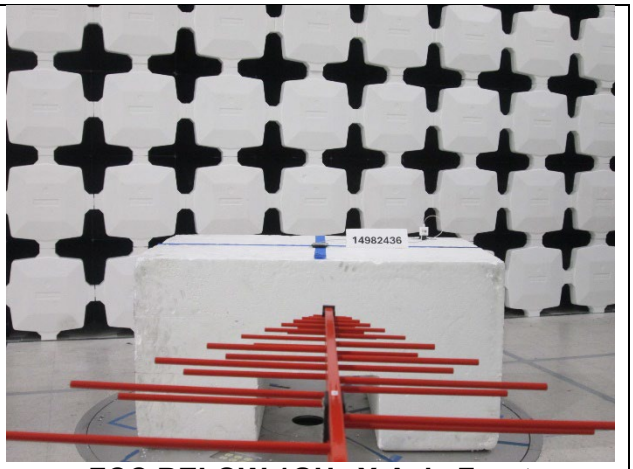
FCC BELOW 30MHz (FRONT)



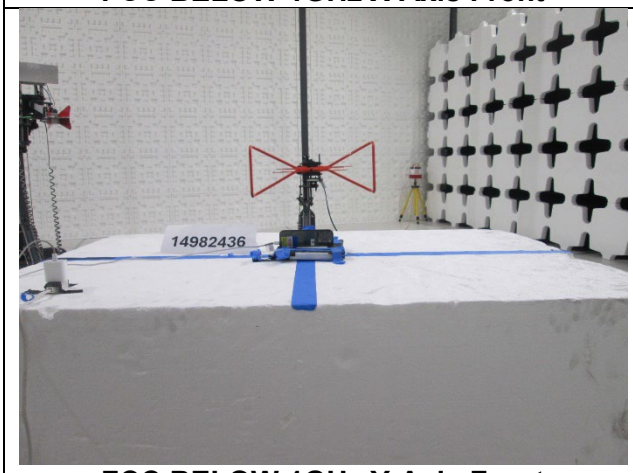
FCC BELOW 30MHz (BACK)



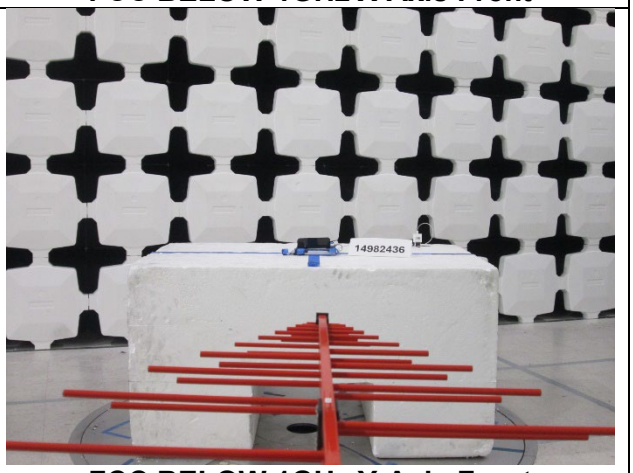
FCC BELOW 1GHz X-Axis Front



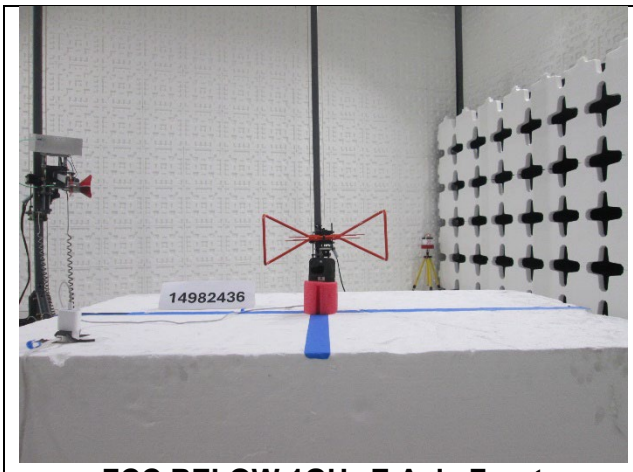
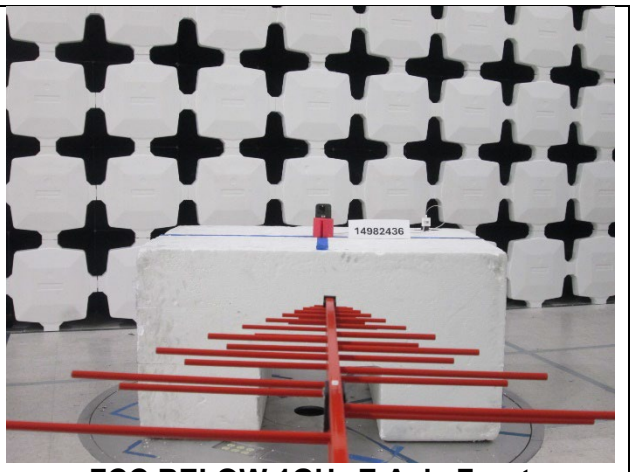
FCC BELOW 1GHz X-Axis Front

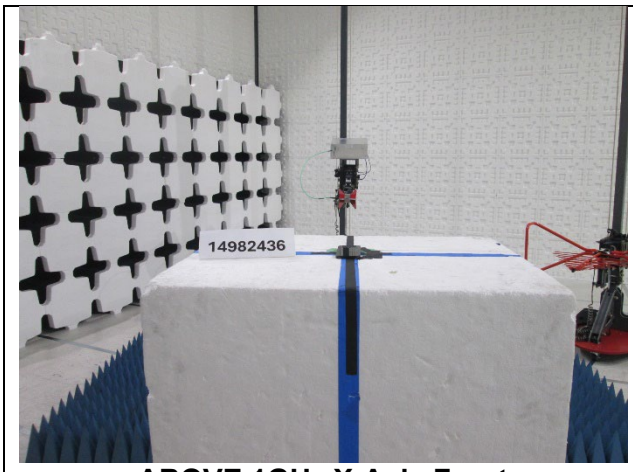


FCC BELOW 1GHz Y-Axis Front

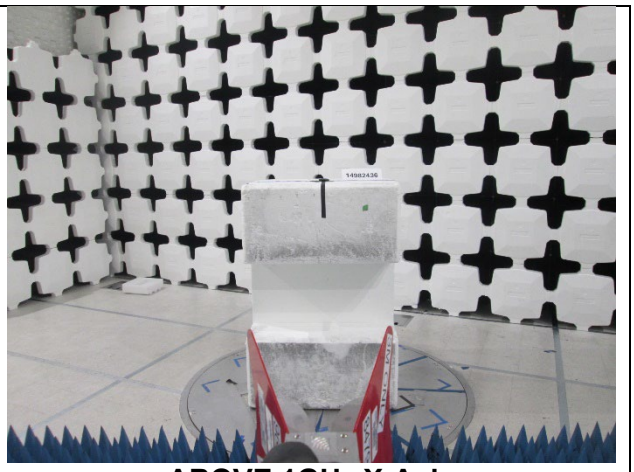


FCC BELOW 1GHz Y-Axis Front

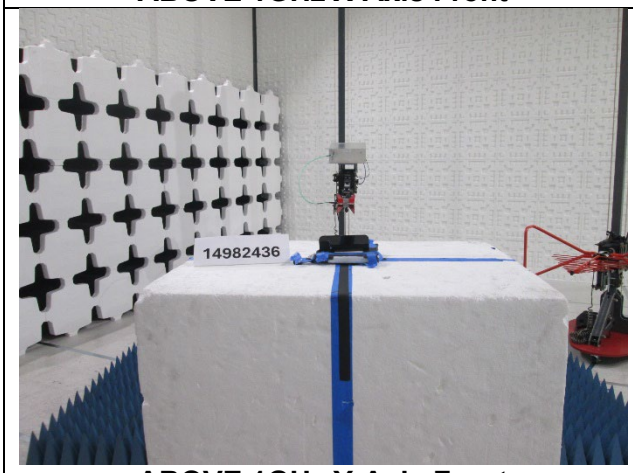
	
FCC BELOW 1GHz Z-Axis Front	**FCC BELOW 1GHz Z-Axis Front**



ABOVE 1GHz X-Axis Front

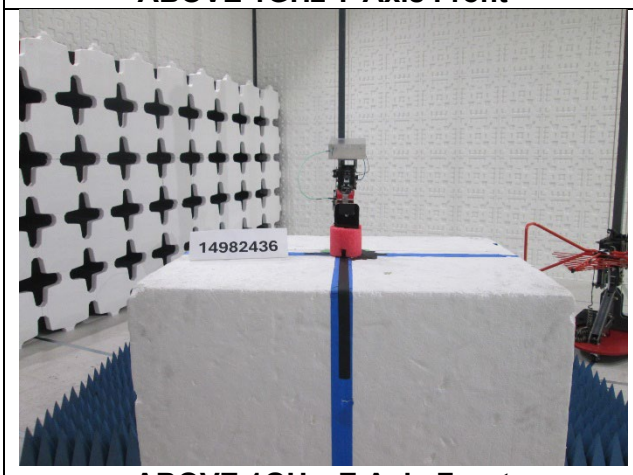


ABOVE 1GHz X-Axis

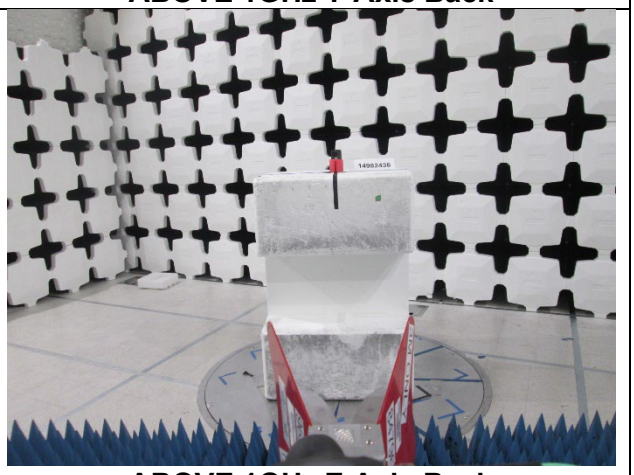


ABOVE 1GHz Y-Axis Front

ABOVE 1GHz Y-Axis Back



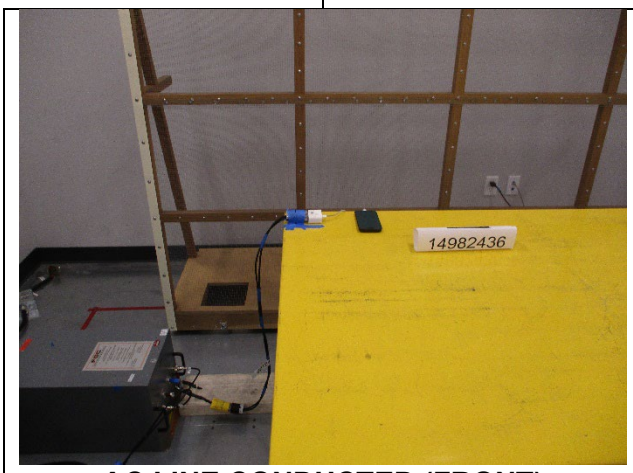
ABOVE 1GHz Z-Axis Front



ABOVE 1GHz Z-Axis Back

2.2. NFC TECHNOLOGY

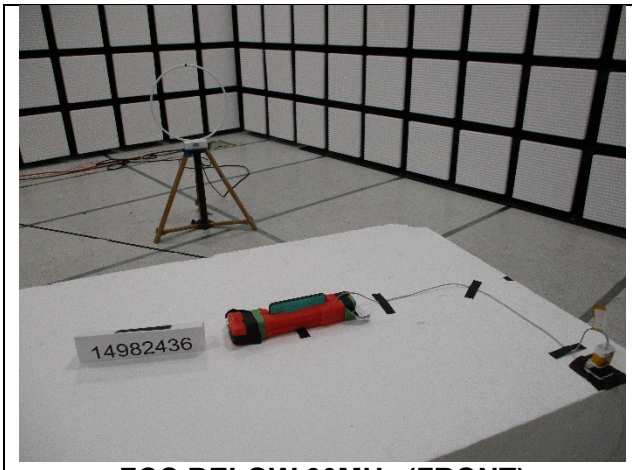
FREQ TOLERANCE AND AC LINE CONDUCTED SETUP



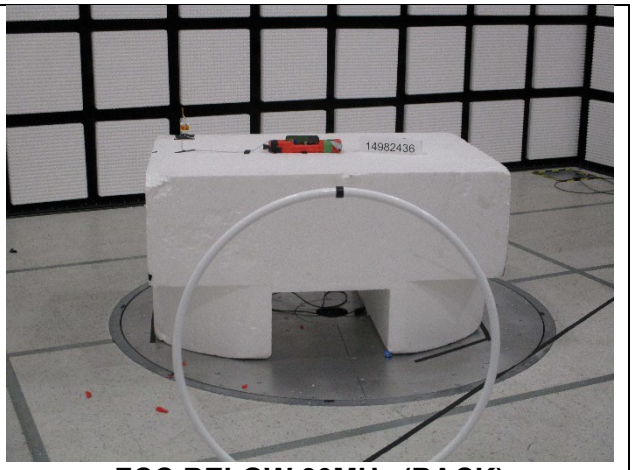
AC LINE CONDUCTED (FRONT)

AC LINE CONDUCTED (BACK)

2.2.1. RADIATED RF MEASUREMENT SETUP

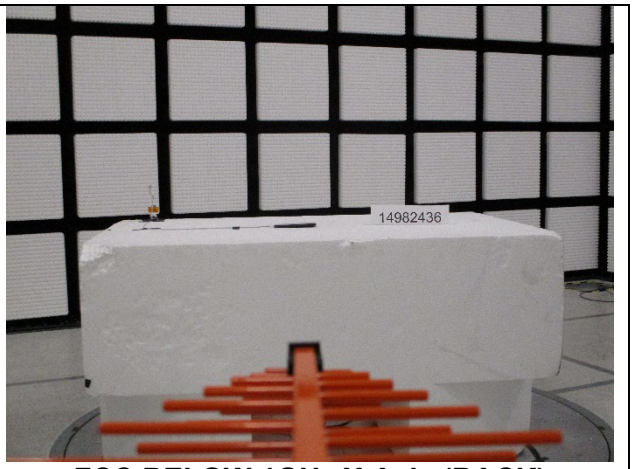


FCC BELOW 30MHz (FRONT)

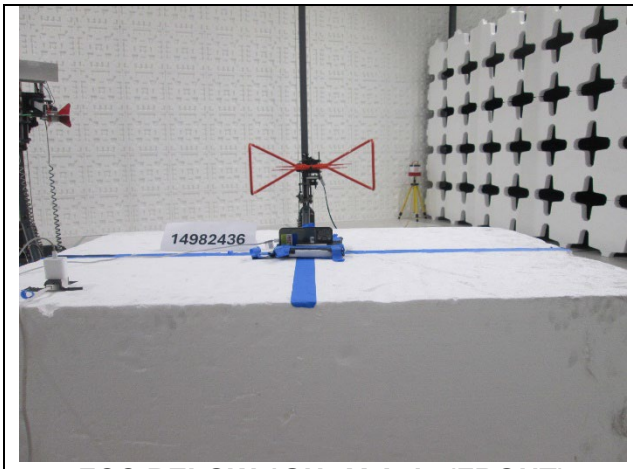


FCC BELOW 30MHz (BACK)

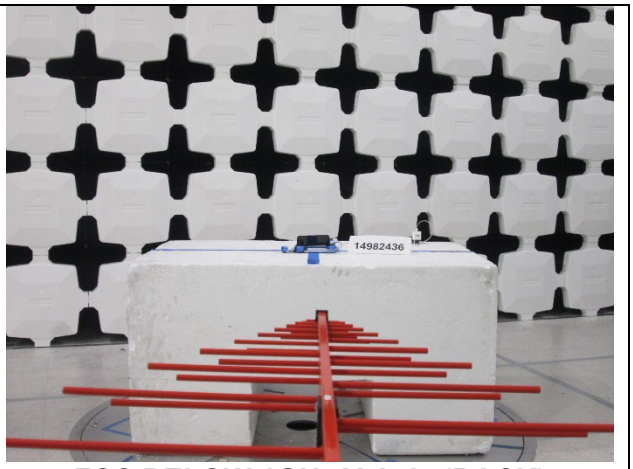
FCC BELOW 1GHz X-Axis (FRONT)



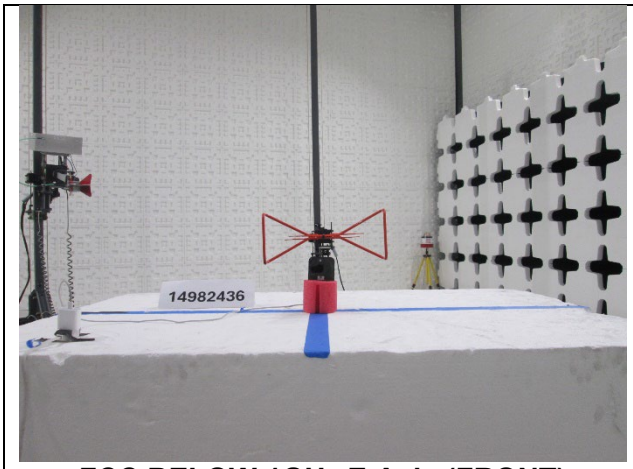
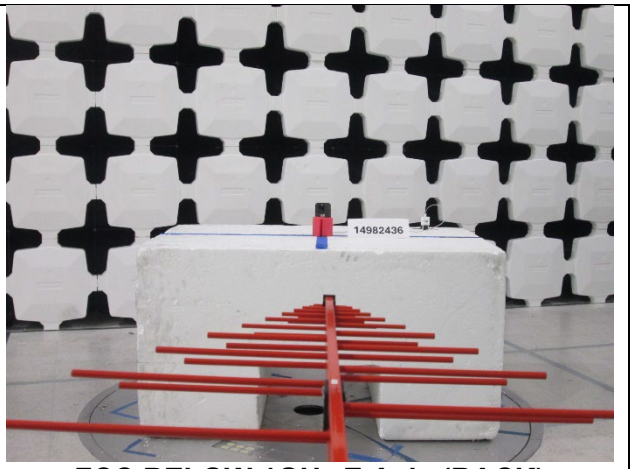
FCC BELOW 1GHz X-Axis (BACK)



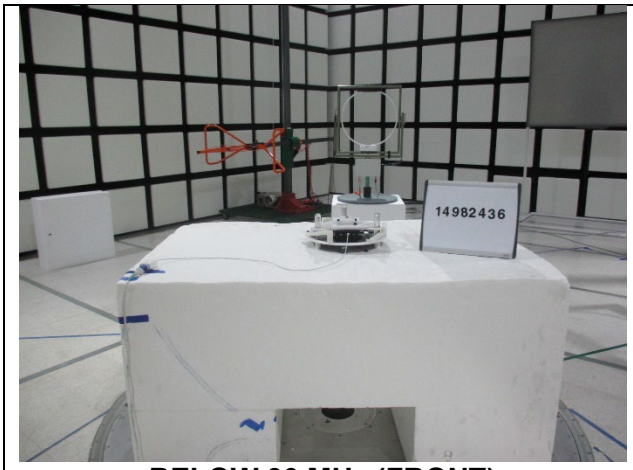
FCC BELOW 1GHz Y-Axis (FRONT)



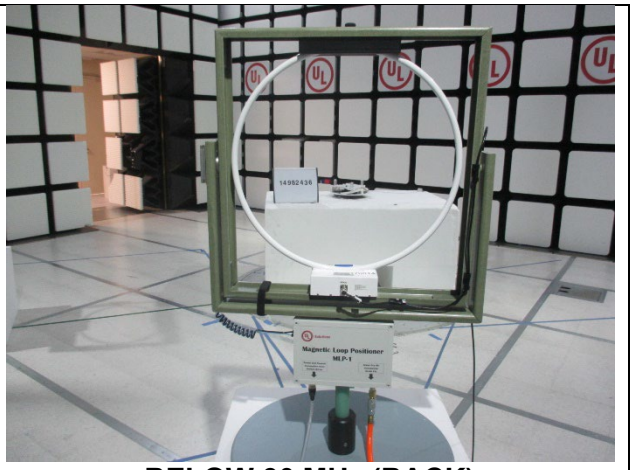
FCC BELOW 1GHz Y-Axis (BACK)

	
FCC BELOW 1GHz Z-Axis (FRONT)	**FCC BELOW 1GHz Z-Axis (BACK)**

2.3. WPT RADIATED AND AC LINE SETUP

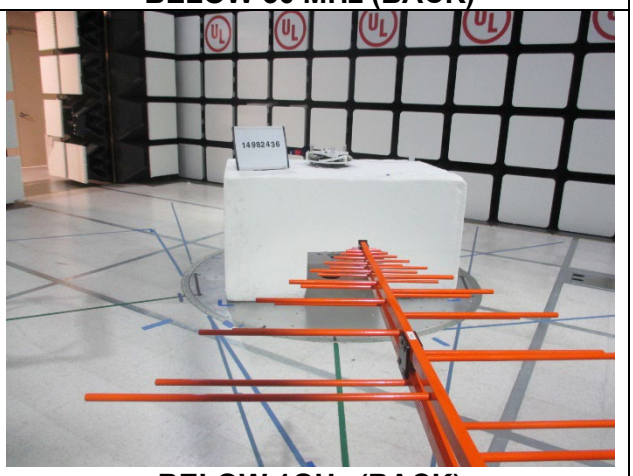


BELOW 30 MHz (FRONT)

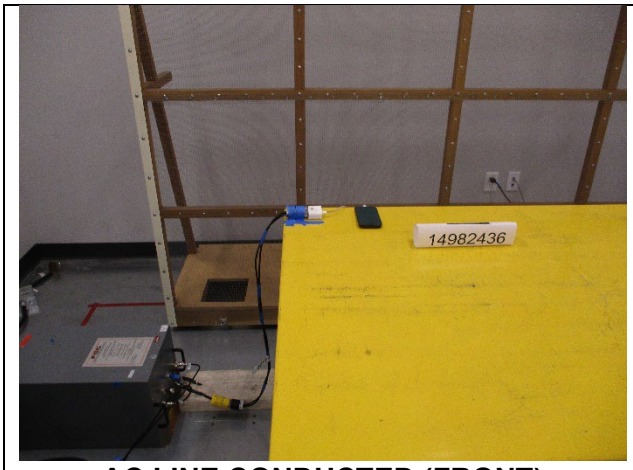


BELOW 30 MHz (BACK)

BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

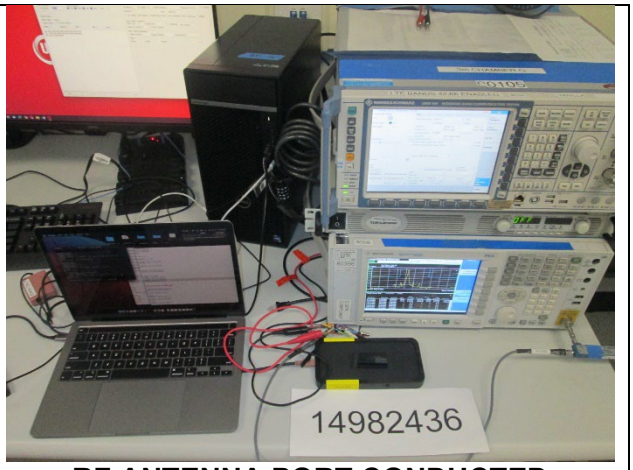


AC LINE CONDUCTED (FRONT)

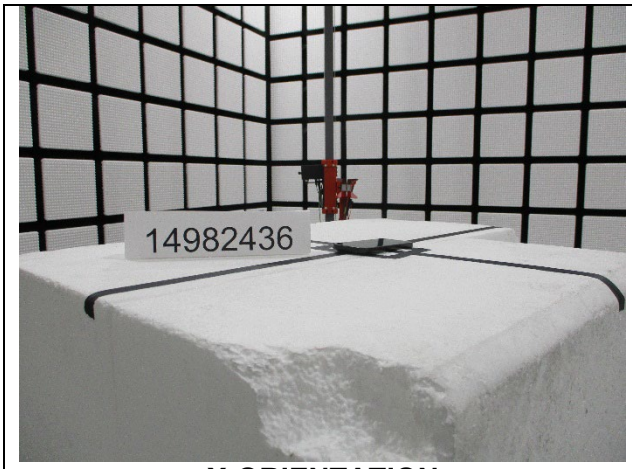
AC LINE CONDUCTED (BACK)

2.4. WWAN TECHNOLOGIES

FREQUENCY STABILITY



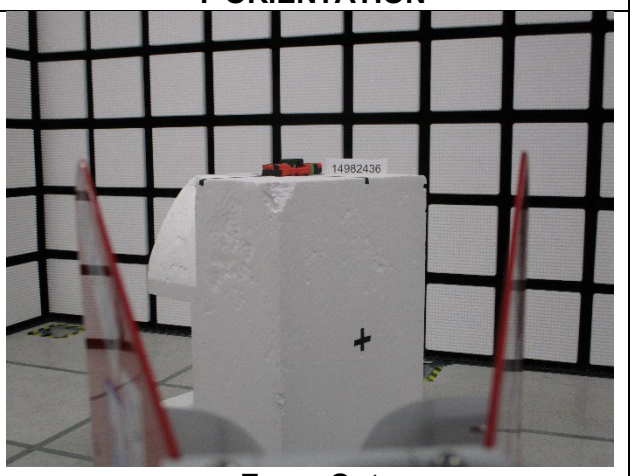
RF ANTENNA PORT CONDUCTED



X-ORIENTATION

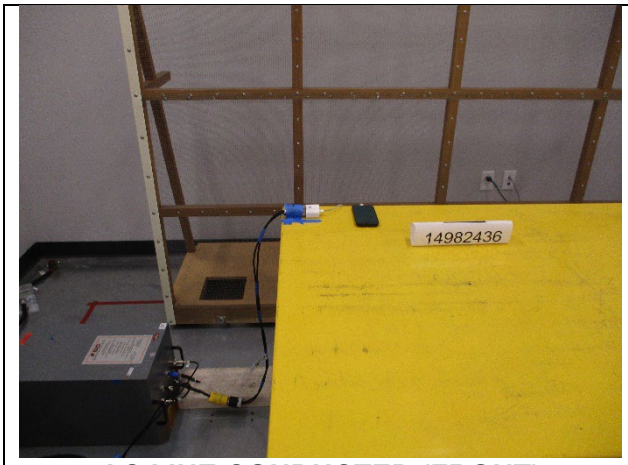
Y-ORIENTATION

Z-ORIENTATION



Zoom Out

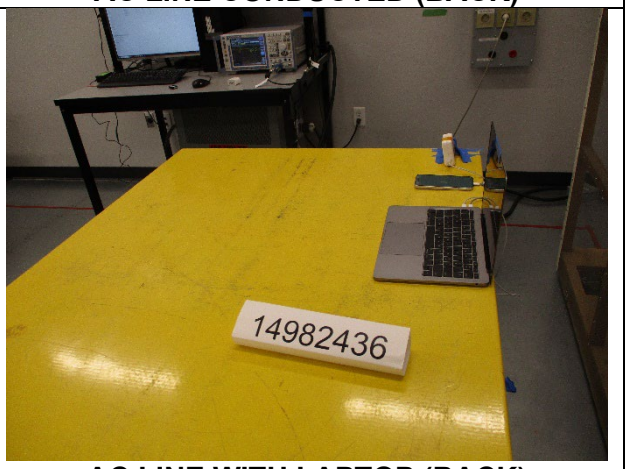
2.5. UWB TECHNOLOGIES SETUP



AC LINE CONDUCTED (FRONT)

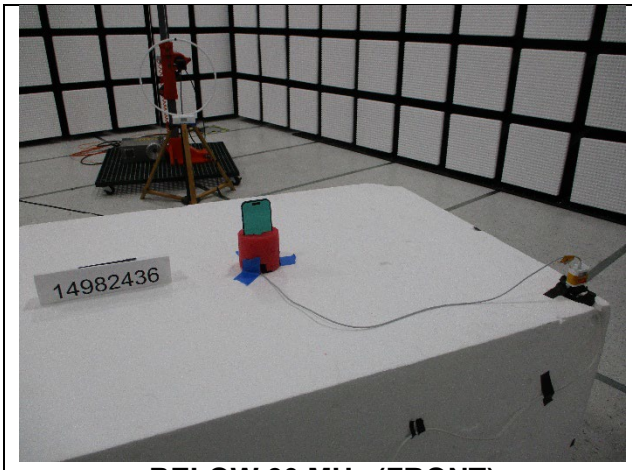
AC LINE CONDUCTED (BACK)

AC LINE WITH LAPTOP (FRONT)

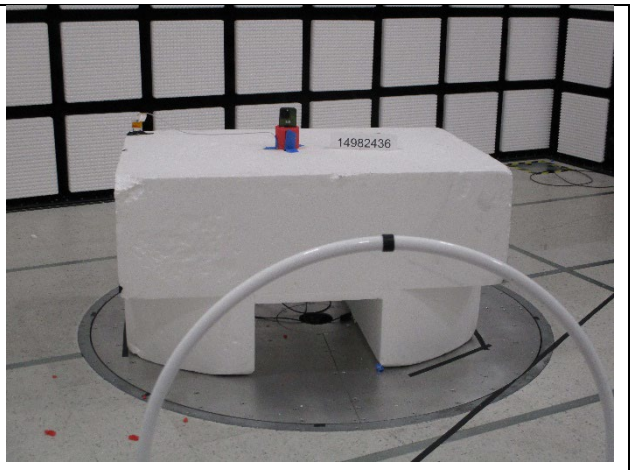


AC LINE WITH LAPTOP (BACK)

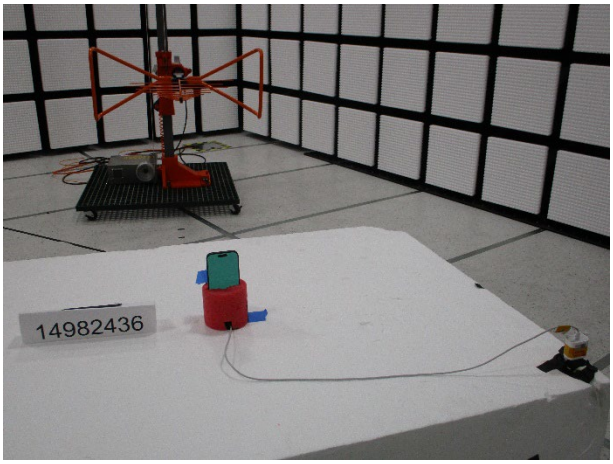
2.5.1. RADIATED RF MEASUREMENT SETUP



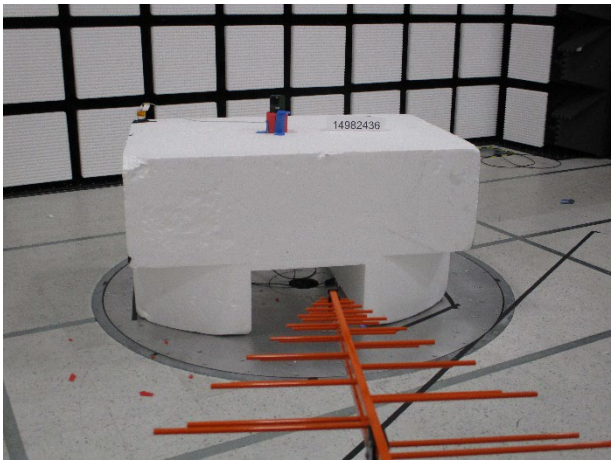
BELOW 30 MHz (FRONT)



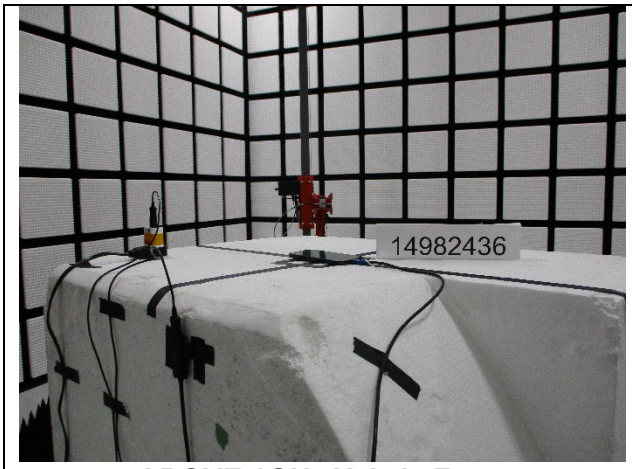
BELOW 30 MHz (BACK)



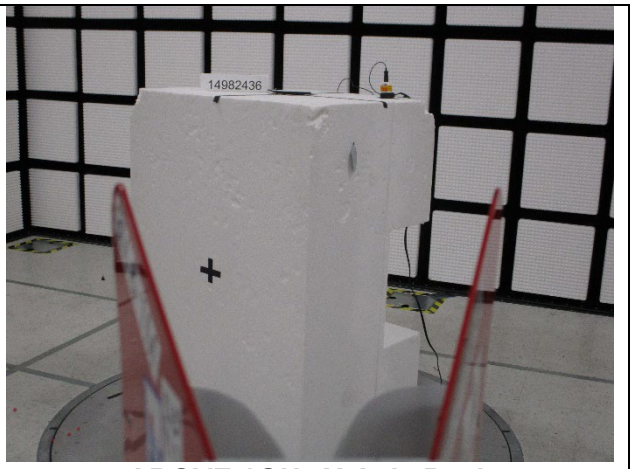
BELOW 0.96 GHz (FRONT)



BELOW 0.96 GHz (BACK)

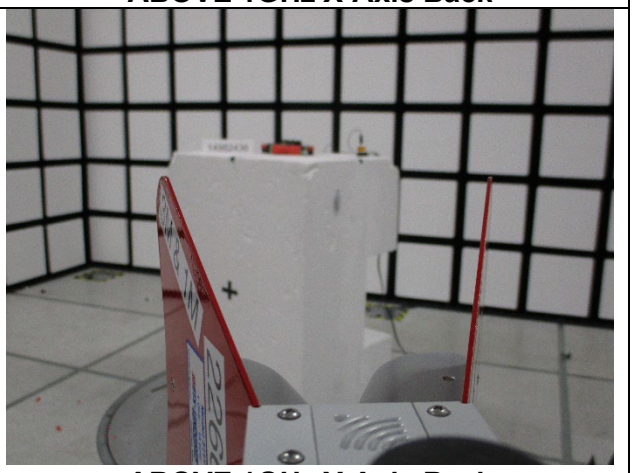


ABOVE 1GHz X-Axis Front

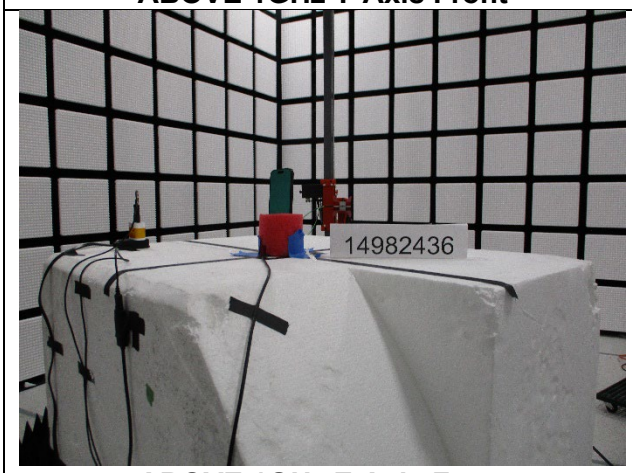


ABOVE 1GHz X-Axis Back

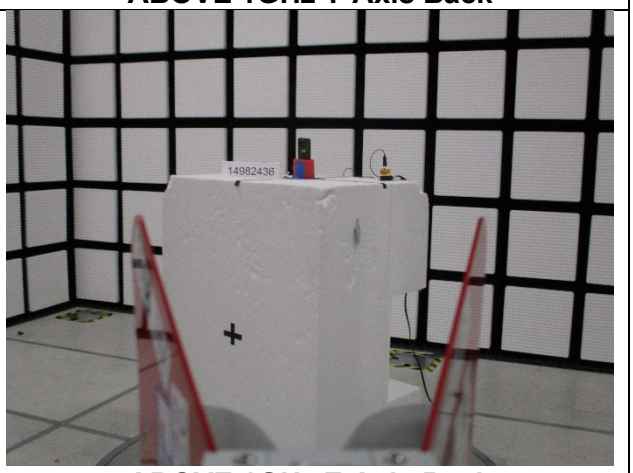
ABOVE 1GHz Y-Axis Front



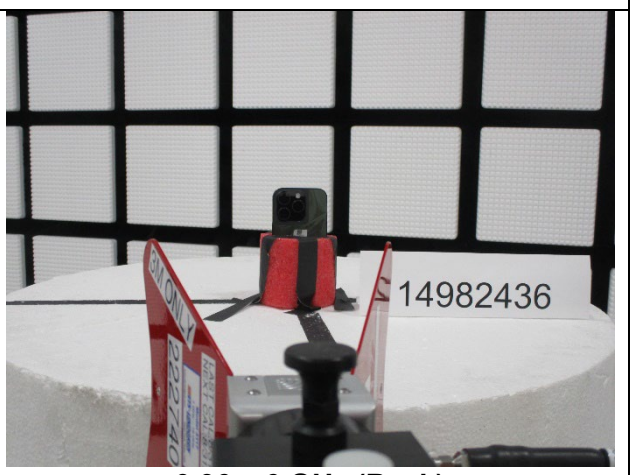
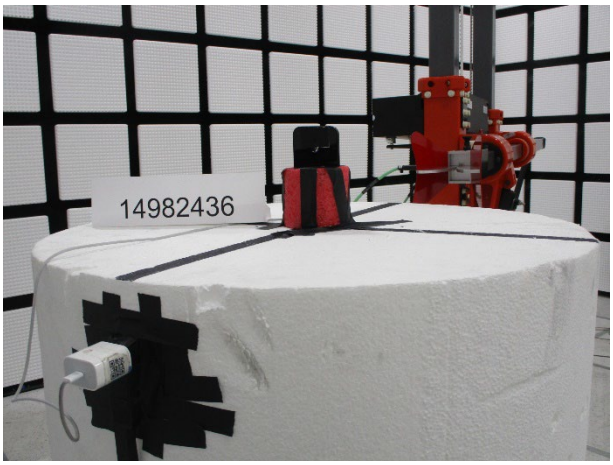
ABOVE 1GHz Y-Axis Back

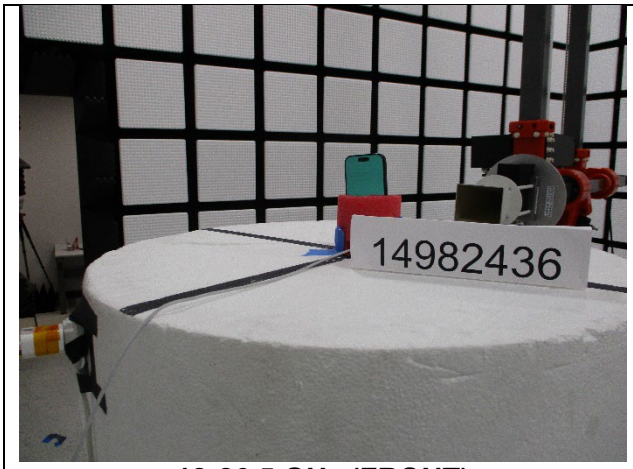


ABOVE 1GHz Z-Axis Front

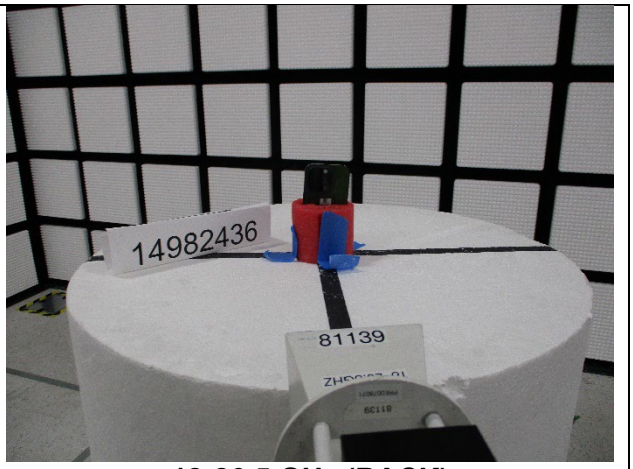


ABOVE 1GHz Z-Axis Back

0.96 – 6 GHz (FRONT)	 **0.96 – 6 GHz (Back)**
 **9 – 18 GHz (FRONT)**	**9 – 18 GHz (BACK)**

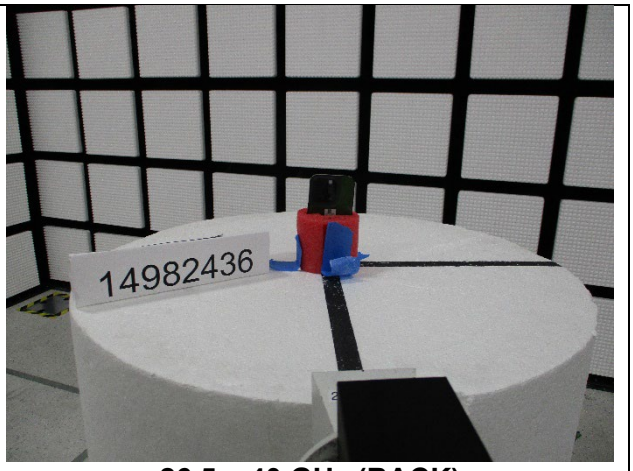


18-26.5 GHz (FRONT)



18-26.5 GHz (BACK)

26.5 - 40 GHz (FRONT)



26.5 – 40 GHz (BACK)

2.6. CBRS SETUP PHOTO

B48/n48	

2.7. 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)

2.8. CONTENTION PROTOCOL MEASUREMENT SETUP

CONTENTION PROTOCOL PHOTO (FRONT)

CONTENTION PROTOCOL PHOTO (BACK)

END OF REPORT