

TEST SETUP PHOTOS

Report Number: 14938215-E11V1

TABLE OF CONTENTS

1. SCOPE	2
2. SM-A256E/DSN and SM-A256E/N SETUP PHOTOS	3
2.1. BT/BLE/DTS/UNII	3
2.1.1. CONDUCTED RF MEASUREMENT SET UP	3
2.1.2. RADIATED RF MEASUREMENT SETUP	4
2.2. NFC TECHNOLOGY	7
2.2.1. FREQUENCY TOLERANCE AND AC LINE CONDUCTED SETUP	7
2.2.2. RADIATED RF MEASUREMENT SETUP	8
2.3. WWAN TECHNOLOGIES	9
2.3.1. CONDUCTED RF MEASUREMENT SET UP	9
2.3.2. RADIATED RF MEASUREMENT SET UP	9
2.4. 15B RX	12
2.4.1. RADIATED RF MEASUREMENT SET UP	12

1. SCOPE

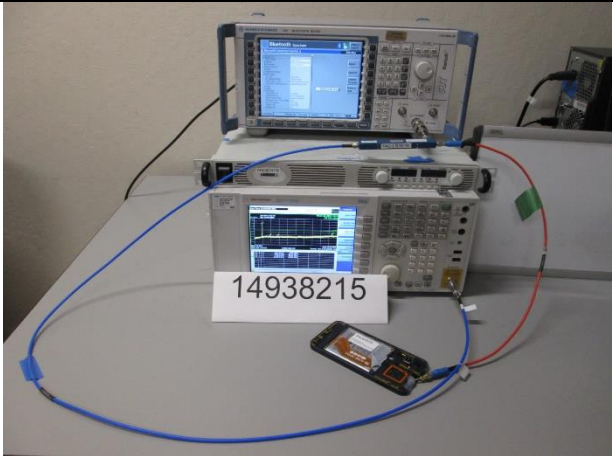
The purpose of this document is to show test setup diagrams and photos for the following reports;

Reports
14938215-E1V1 FCC Report WWAN
14938215-E2V1 FCC Report BT
14938215-E3V1 FCC Report BLE
14938215-E4V1 FCC Report DTS
14938215-E5V1 FCC Report UNII WLAN
14938215-E7V1 FCC Report Part 15B Rx
14938215-E8V1 FCC Report NFC
14938215-E9V1 FCC Report WWAN 5G
14938215-E10V1 FCC Report Part 15B Rx 5G

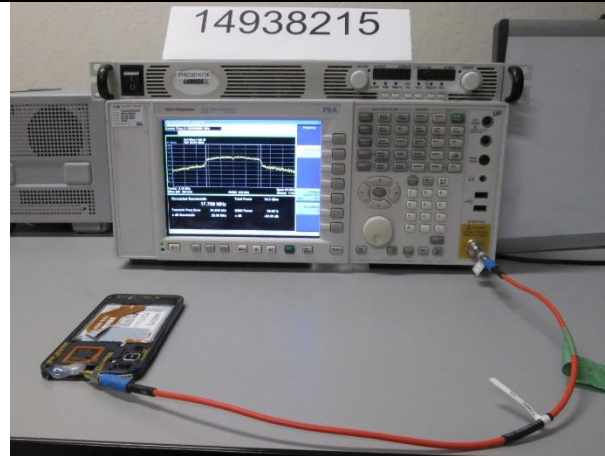
2. SM-A256E/DSN and SM-A256E/N SETUP PHOTOS

2.1. BT/BLE/DTS/UNII

2.1.1. CONDUCTED RF MEASUREMENT SET UP



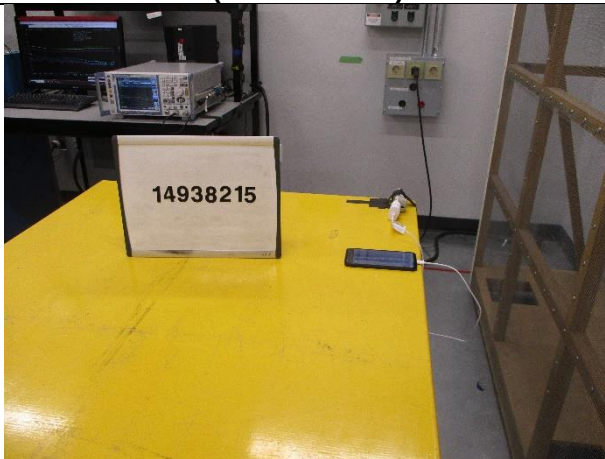
RF ANTENNA PORT CONDUCTED (BT)



RF ANTENNA PORT CONDUCTED
(BLE/DTS/UNII)

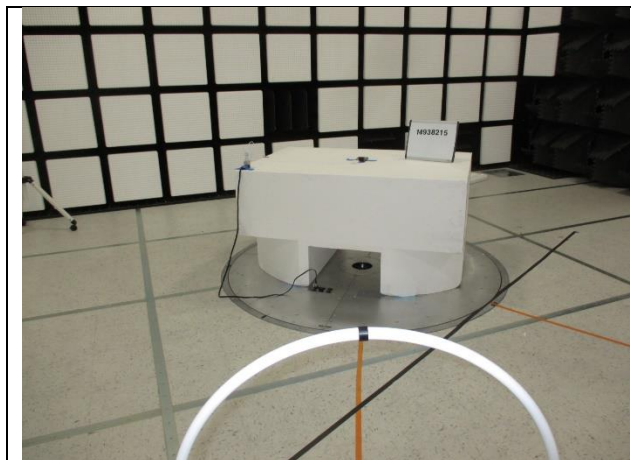


AC LINE CONDUCTED (FRONT)

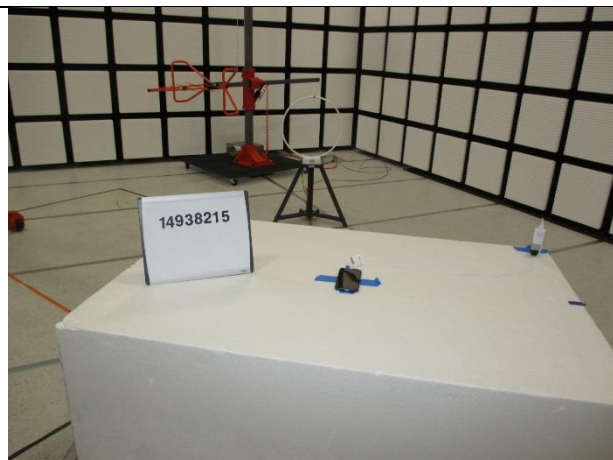


AC LINE CONDUCTED (BACK)

2.1.2. RADIATED RF MEASUREMENT SETUP



FCC BELOW 30MHz (FRONT)



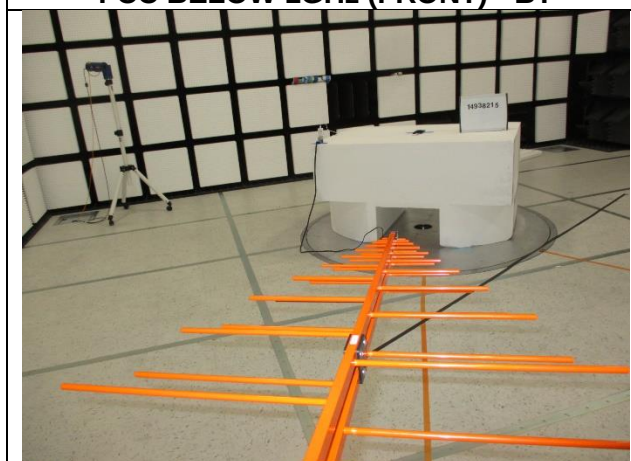
FCC BELOW 30MHz (BACK)



FCC BELOW 1GHz (FRONT) - BT



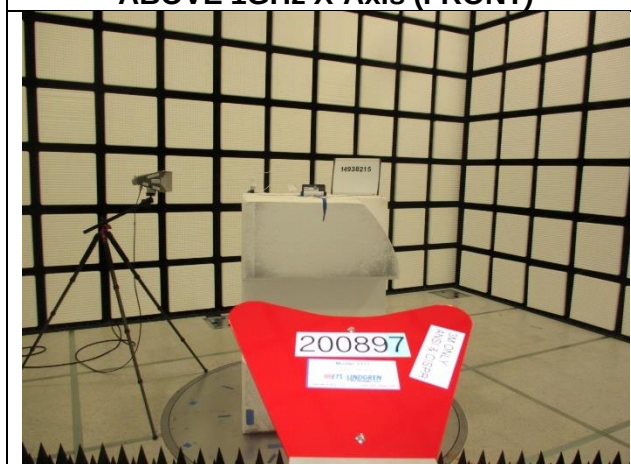
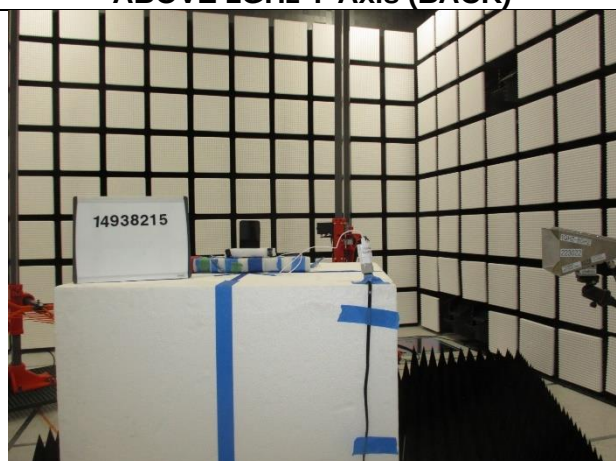
FCC BELOW 1GHz (BACK) - BT



**FCC BELOW 1GHz (FRONT) –
BLE/DTS/UNII**



**FCC BELOW 1GHz (BACK) –
BLE/DTS/UNII**

BT SET UP**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)**

BLE/DTS/UNII SET UP



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

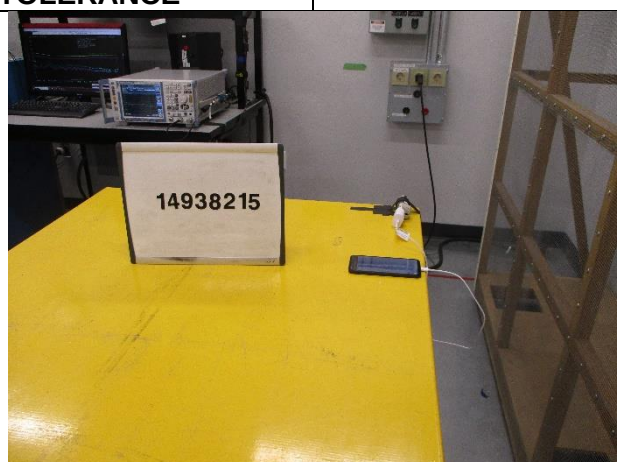
2.2.1. FREQUENCY TOLERANCE AND AC LINE CONDUCTED SETUP



FREQUENCY TOLERANCE

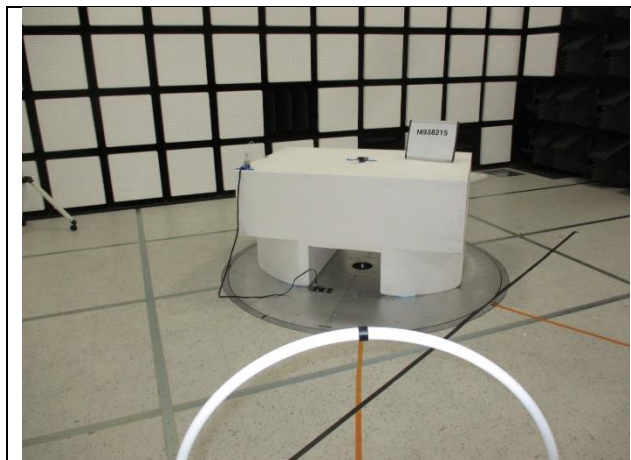


AC LINE CONDUCTED (FRONT)

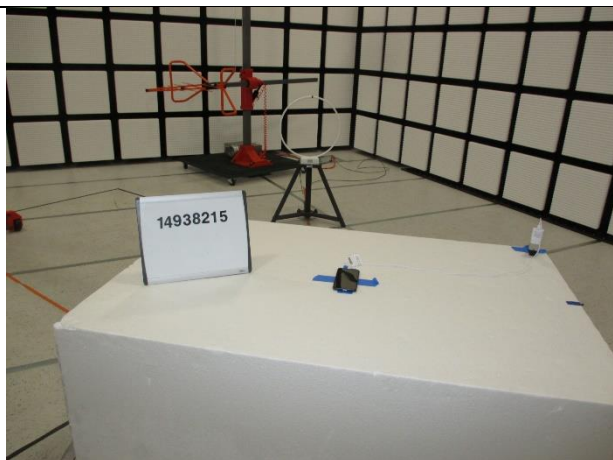


AC LINE CONDUCTED (BACK)

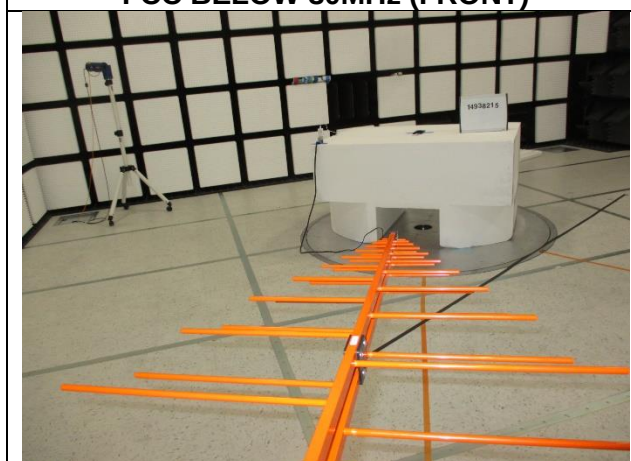
2.2.2. RADIATED RF MEASUREMENT SETUP



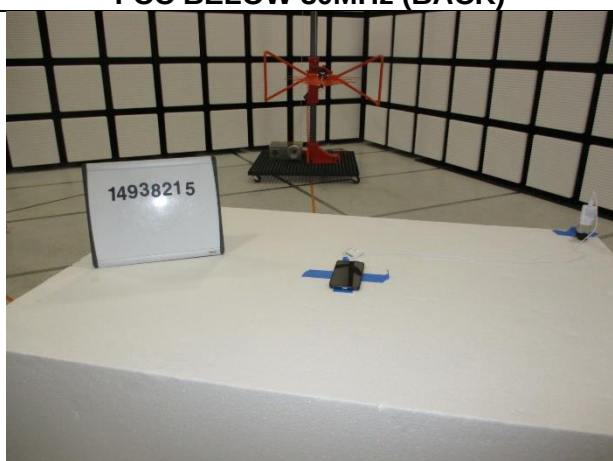
FCC BELOW 30MHz (FRONT)



FCC BELOW 30MHz (BACK)



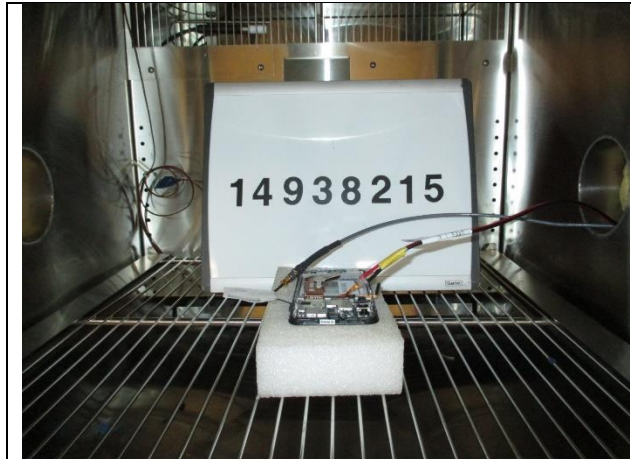
FCC BELOW 1GHz (FRONT)



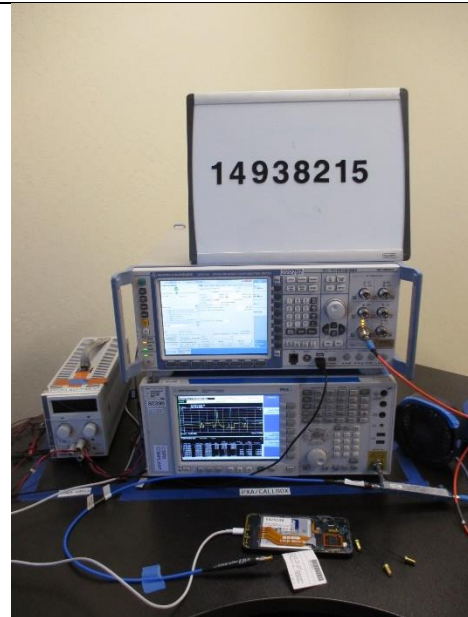
FCC BELOW 1GHz (BACK)

2.3. WWAN TECHNOLOGIES

2.3.1. CONDUCTED RF MEASUREMENT SET UP



FREQUENCY STABILITY

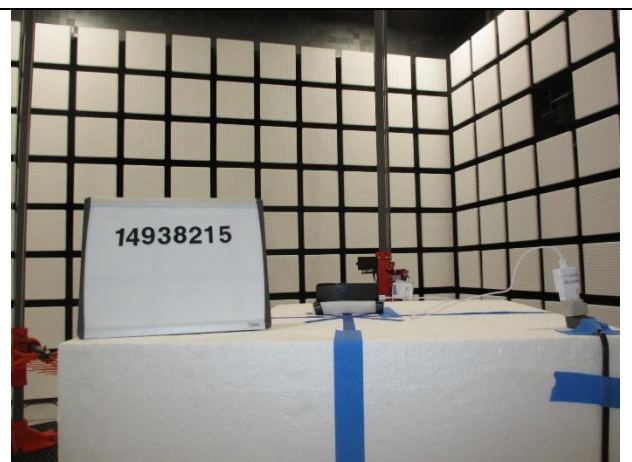


RF CONDUCTED

2.3.2. RADIATED RF MEASUREMENT SET UP



X-ORIENTATION



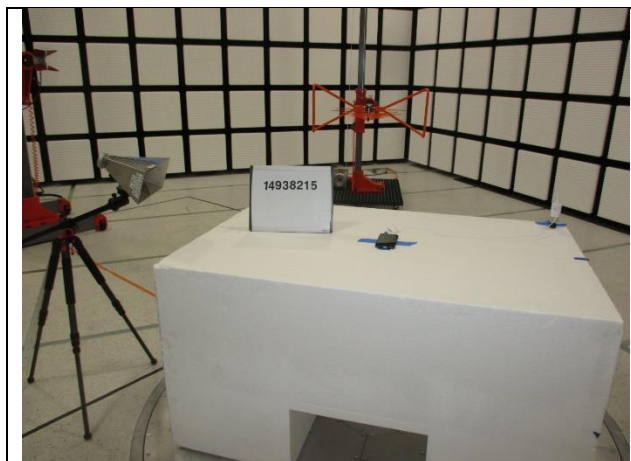
Y-ORIENTATION



Z-ORIENTATION



Zoom Out



FCC BELOW 1GHz (FRONT



FCC BELOW 1GHz (BACK)

2.4. 15B RX

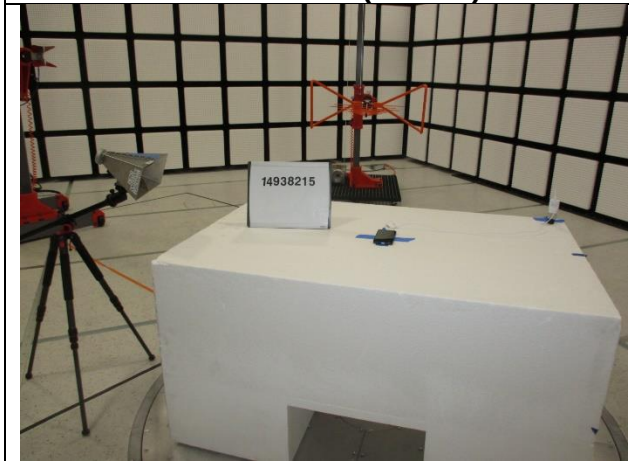
2.4.1. RADIATED RF MEASUREMENT SET UP



ABOVE 1GHz (FRONT)



ABOVE 1GHz (BACK)



FCC BELOW 1GHz (FRONT)



FCC BELOW 1GHz (BACK)