

Report Number: 14709275-EP1V1

1. SCOPE

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

Reports
14709275-E1 FCC WPT Report
14709275-E2 FCC WPT RF Exposure Report

2. WPT TECHNOLOGY (14709275-E1 Report)

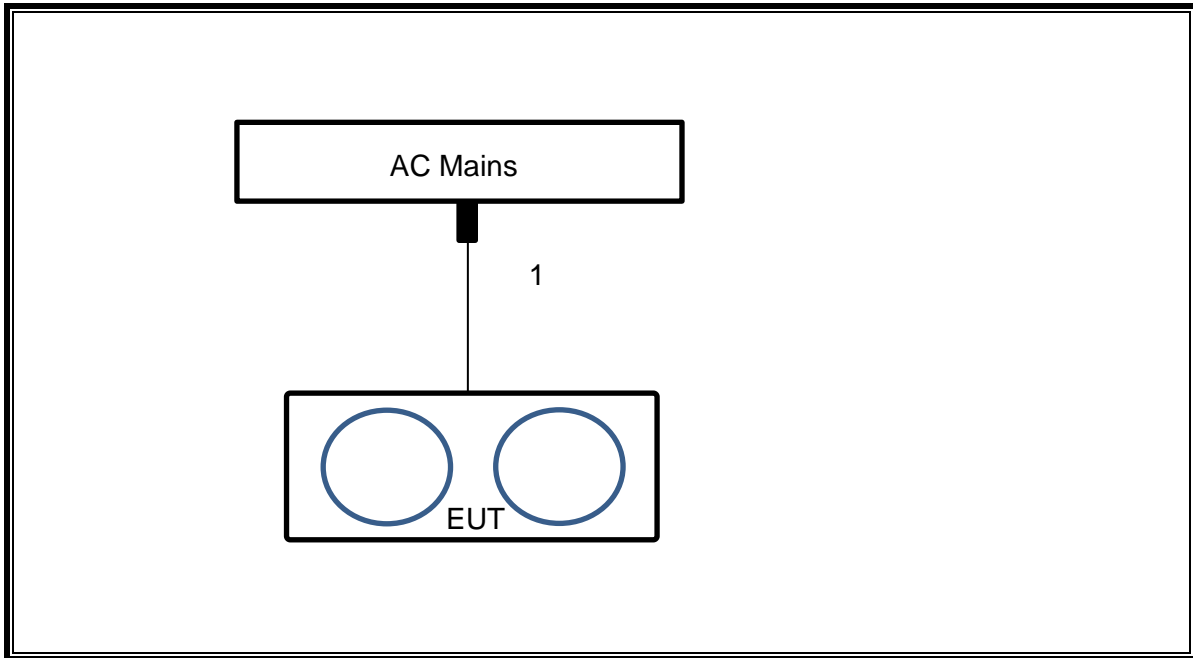
2.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
25W AC/DC Adapter	Belkin	A835-120208C-US1	N/A	DoC		
iPhone 12 (Navy Blue)	Apple	A2342	F2LFW43K0D42	BCG-E3548A		
iPhone 12 (Navy Blue)	Apple	A2342	F2MFLFJA0D42	BCG-E3548A		
iPhone 12 (Navy Blue)	Apple	A2342	F2MFLHTF0D42	BCG-E3548A		
Legacy iPhone (black)	Apple	A2111	C6KZHK1XN72J	BCG-E3309A		
Legacy iPhone (black)	Apple	A2101	G6TX9247KPH1	BCG-E3234A		
AirPods Pro Case (1)	Apple	A2700	PCWQTHFWXC	BCG-A2700		
AirPods Pro Case (2)	Apple	A2700	MGH2RNXRWX	BCG-A2700		
AirPods Pro Case (3)	Apple	A2700	F2LKXY3CW9	BCG-A2700		
I/O CABLES (RADIATED EMISSIONS/ AC LINE CONDUCTED)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	USB Type C	shielded	1.5	-

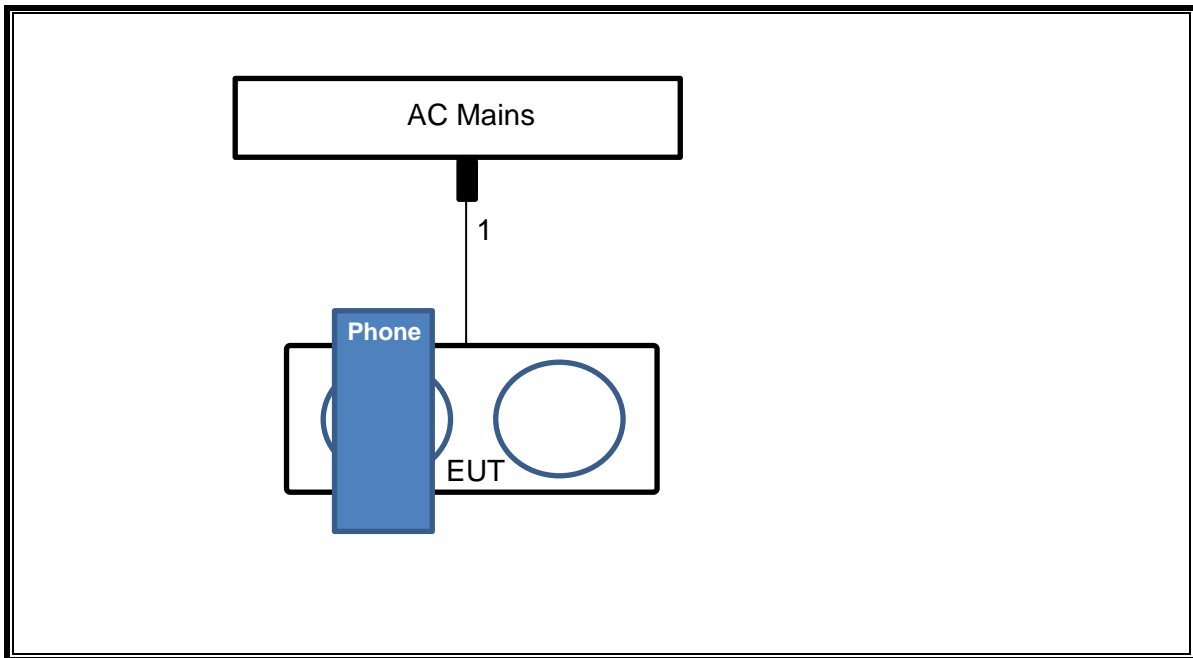
Note: All those support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

TEST SETUP BLOCK DIAGRAM

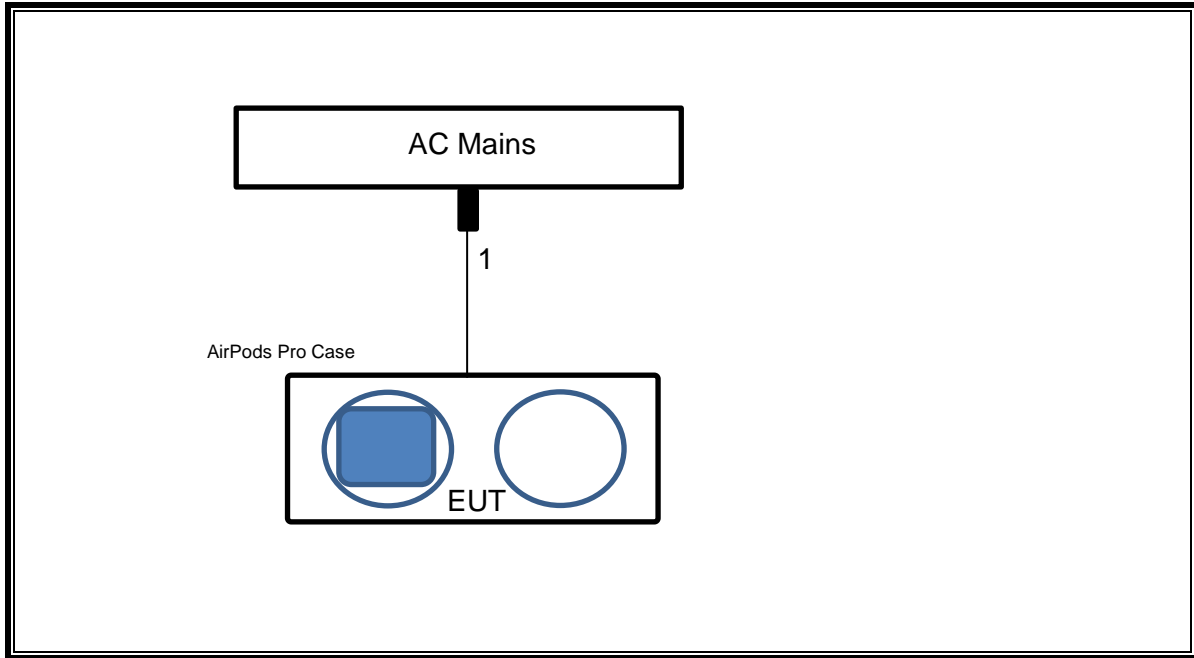
CONFIGURATION 1: WPT ON STANDBY



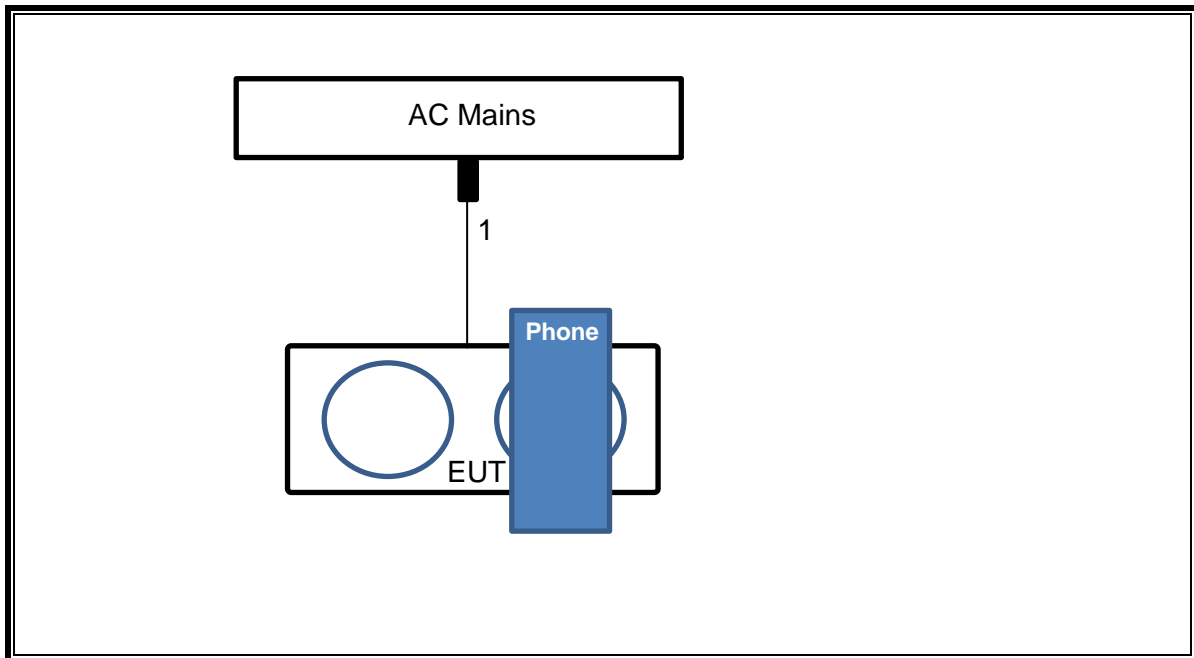
CONFIGURATION 2/3: OPERATING MODE WITH iPhone



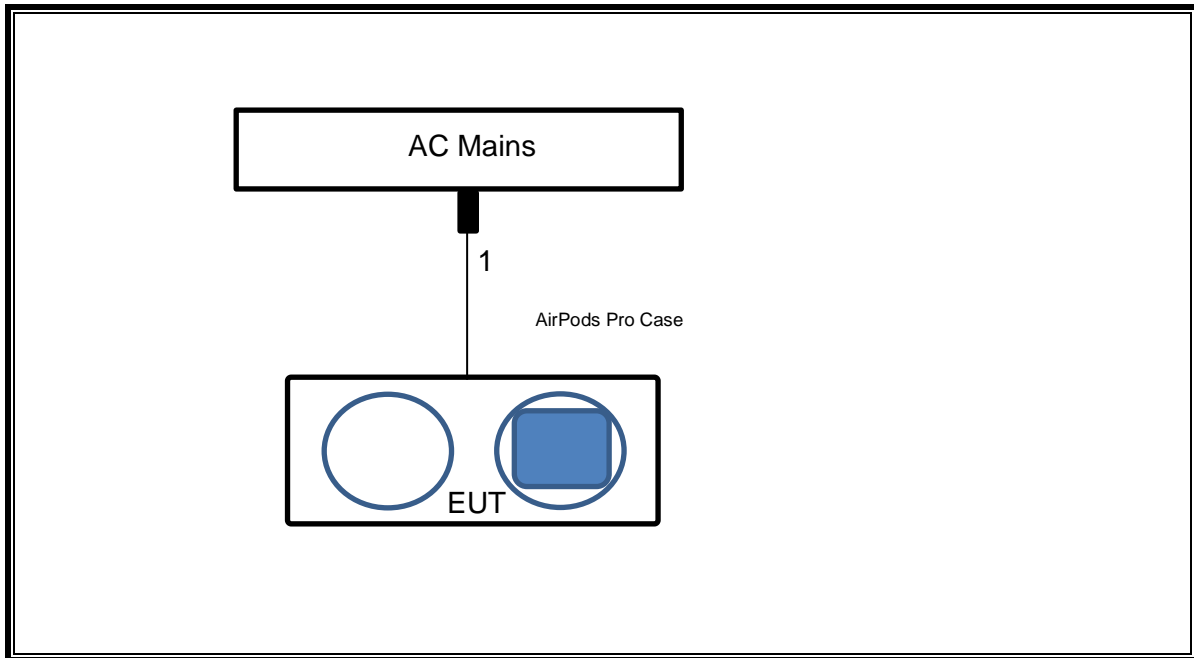
CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



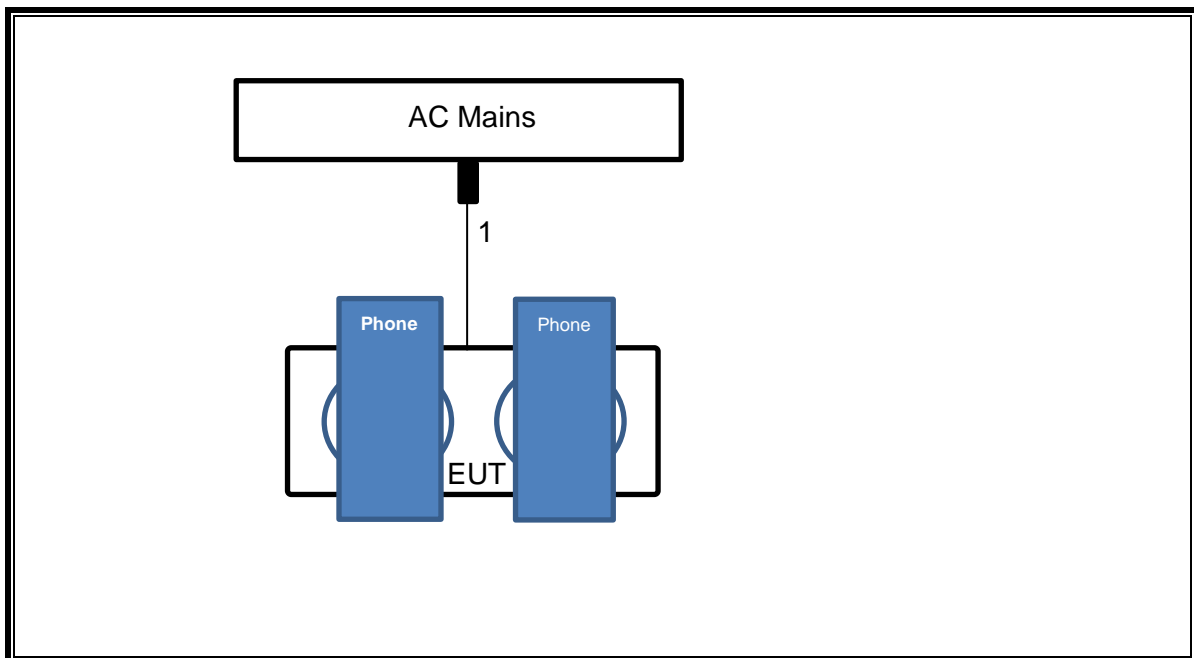
CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)



CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)



CONFIGURATION 7: OPERATING MODE WITH iPhone (360kHz) + iPhone (111-148kHz)



2.2. AC LINE CONDUCTED SETUP

2.2.1. CONFIGURATON 1: WPT ON STANDBY



AC LINE CONDUCTED (FRONT)

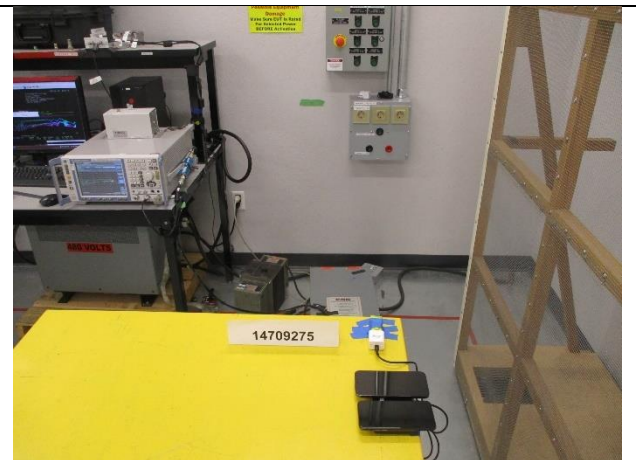


AC LINE CONDUCTED (BACK)

2.2.2. CONFIGURATON 7: OPERATING MODE WITH iPhone (360kHz) + iPhone (111-148kHz)



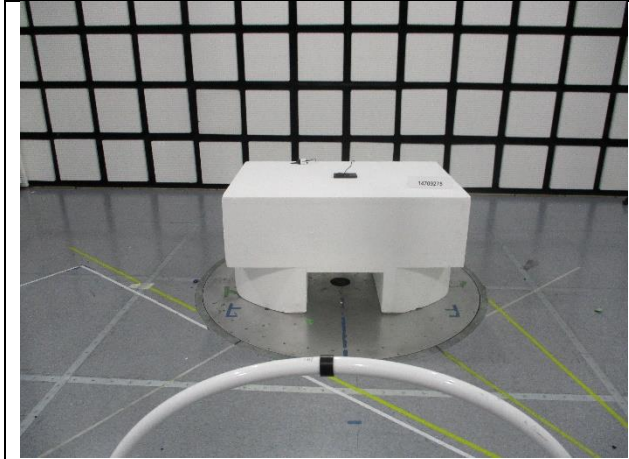
AC LINE CONDUCTED (FRONT)



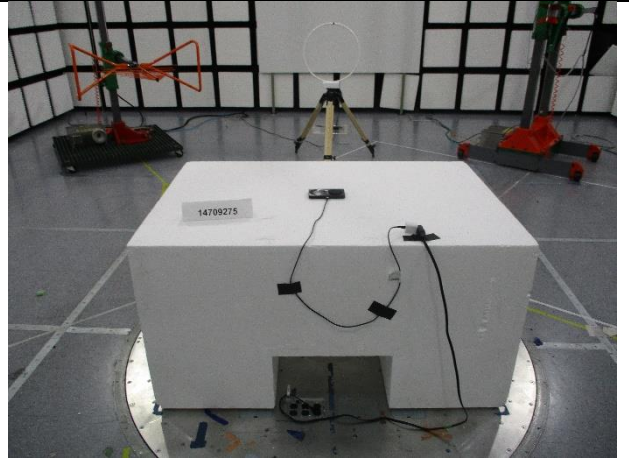
AC LINE CONDUCTED (BACK)

2.3. WPT RADIATED RF MEASUREMENT SETUP

2.3.1. CONFIGURATION 1: WPT ON STANDBY



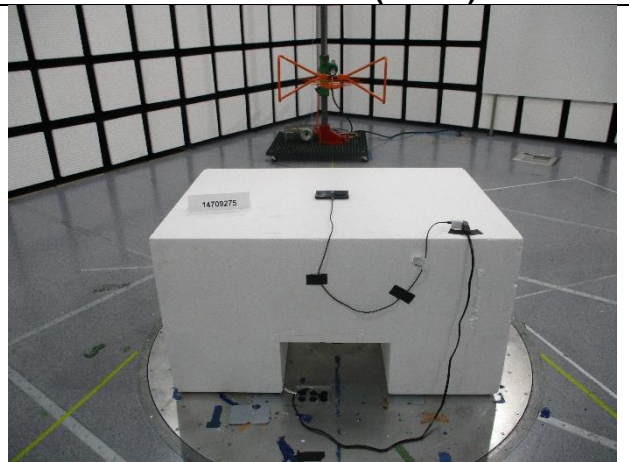
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)

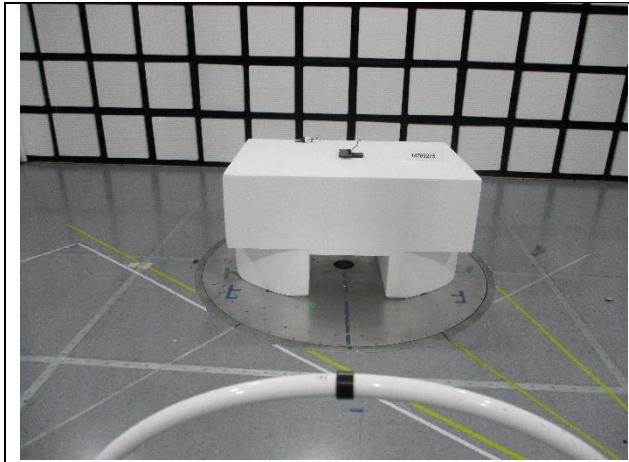


BELOW 1GHz (FRONT)

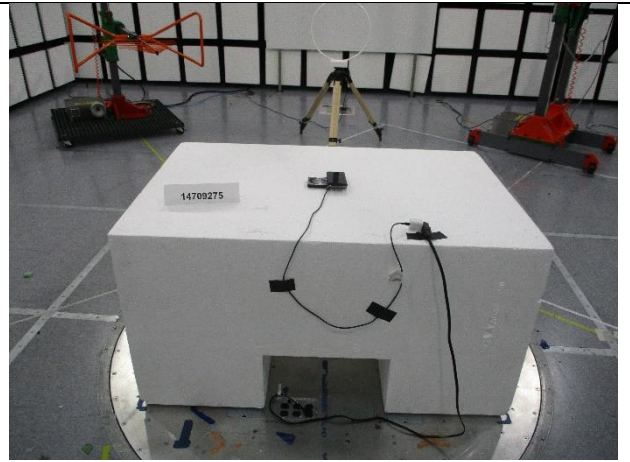


BELOW 1GHz (BACK)

2.3.2. CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)

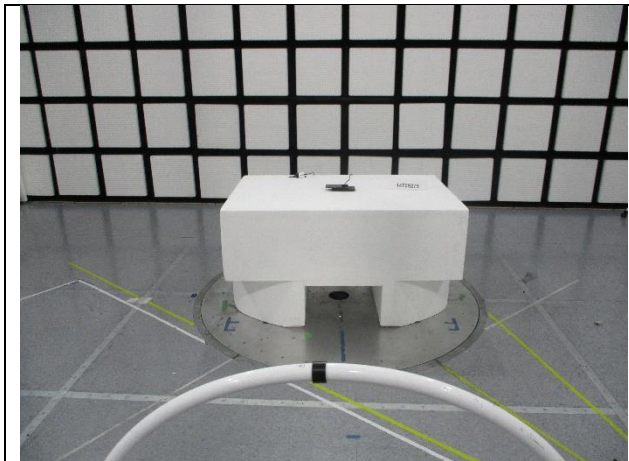


BELOW 30 MHz (FRONT)

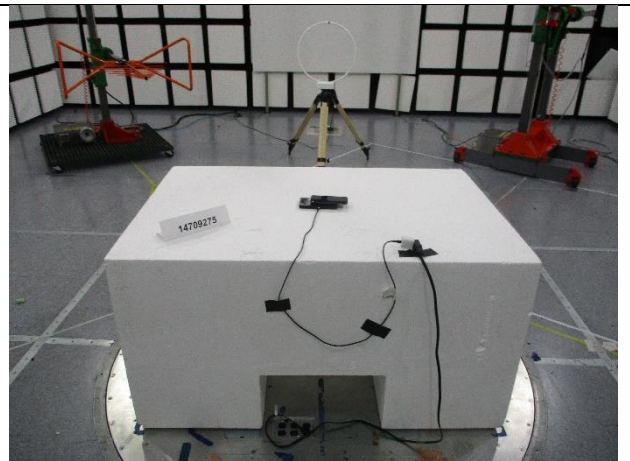


BELOW 30 MHz (BACK)

2.3.3. CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)

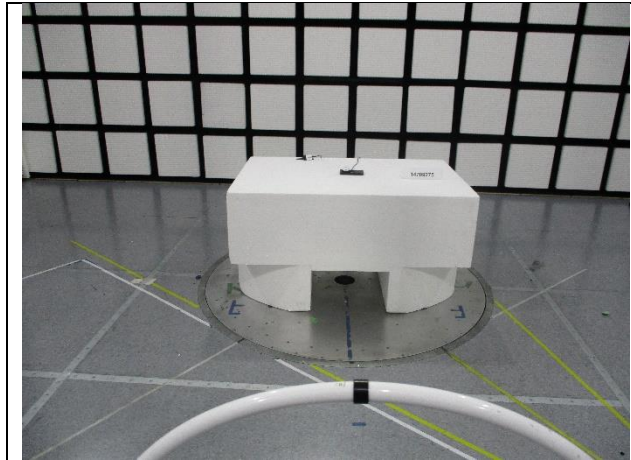


BELOW 30 MHz (FRONT)

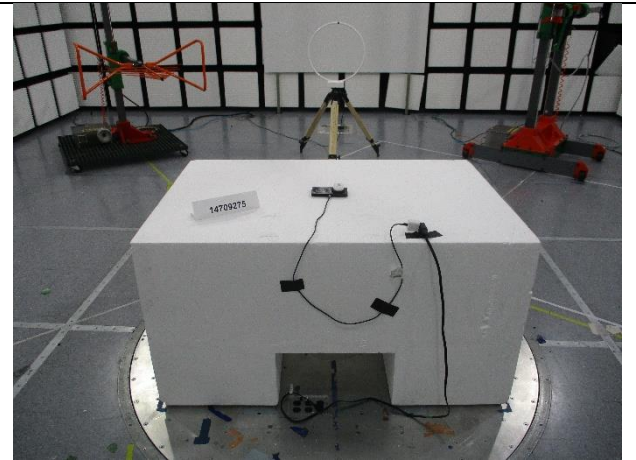


BELOW 30 MHz (BACK)

2.3.4. CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)

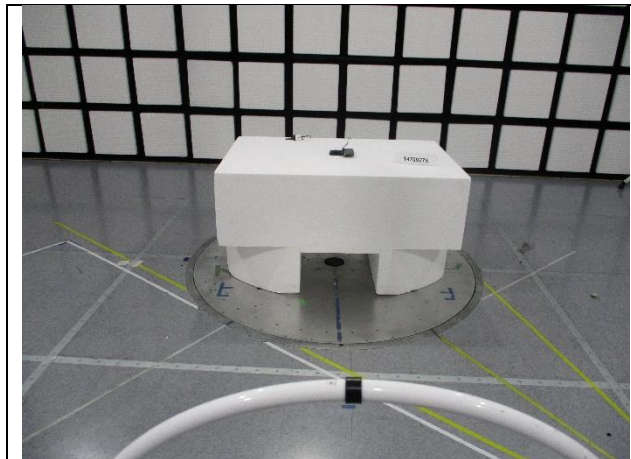


BELOW 30 MHz (FRONT)

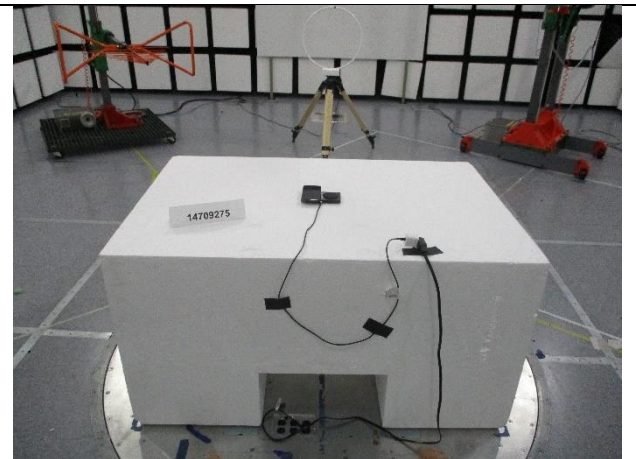


BELOW 30 MHz (BACK)

2.3.5. CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)

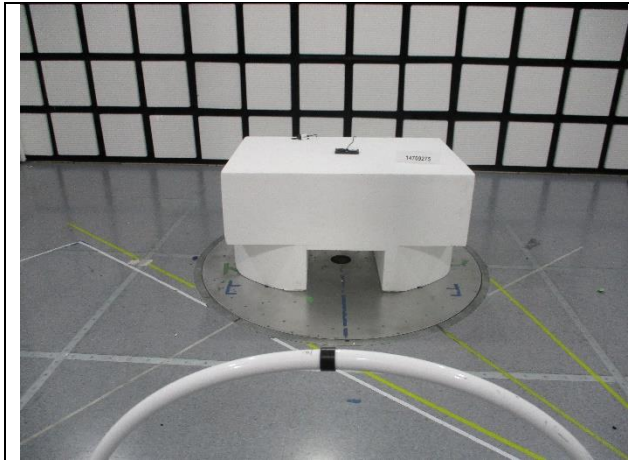


BELOW 30 MHz (FRONT)

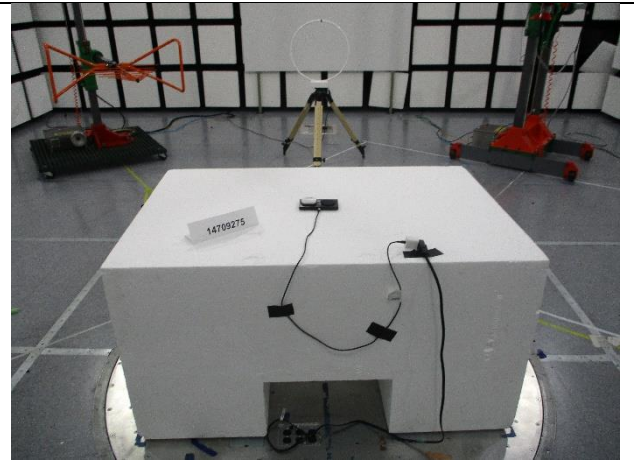


BELOW 30 MHz (BACK)

2.3.6. CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)

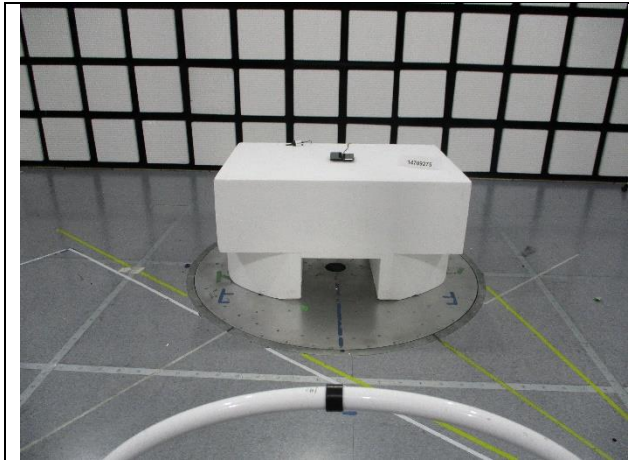


BELOW 30 MHz (FRONT)

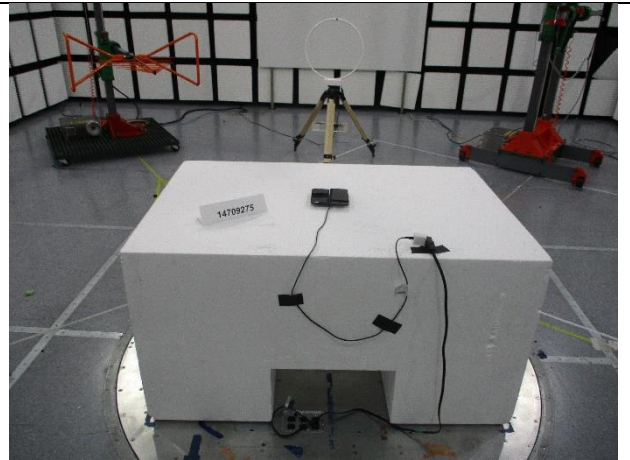


BELOW 30 MHz (BACK)

**2.3.7. CONFIGURATION 7: OPERATING MODE WITH iPhone (360kHz)
+ iPhone (111-148kHz)**



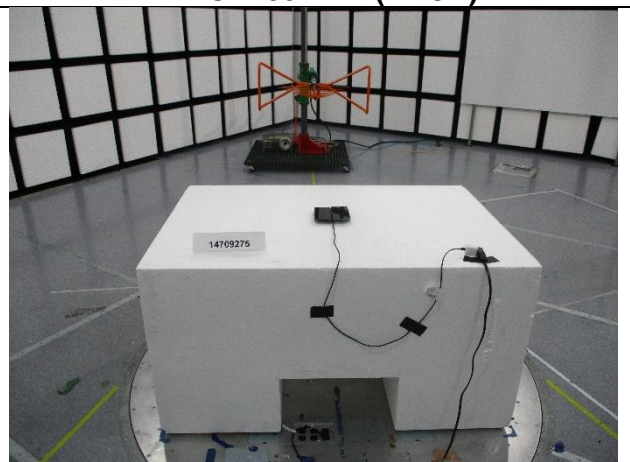
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

3. RF EXPOSURE (14709275-E2 Report)

3.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
25W AC/DC Adapter	Belkin	A835-120208C-US1	N/A	DoC		
iPhone 12 (Golden color)	Apple	A2342	F2LFL6760D41	BCG-E3548A		
iPhone 12 (Golden color)	Apple	A2342	F2LFKNTW0D41	BCG-E3548A		
iPhone 12 (Golden color)	Apple	A2342	F2LFKP3R0D41	BCG-E3548A		
Legacy iPhone (Silver, small)	Apple	A1901	G6TVQ8JUJCLJ	BCG-E3175A		
Legacy iPhone (grey)	Apple	A2161	FK1ZMDRGN70C	BCG-E3306A		
AirPods Pro Case (4)	Apple	A2700	YW326V6YJ3	BCG-A2700		
AirPods Pro Case (5)	Apple	A2700	N6001WGX35	BCG-A2700		
AirPods Pro Case (6)	Apple	A2700	LP6TYPWMM7	BCG-A2700		
I/O CABLES (RADIATED EMISSIONS)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	USB Type C	shielded	1.5	-

Note: All those support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

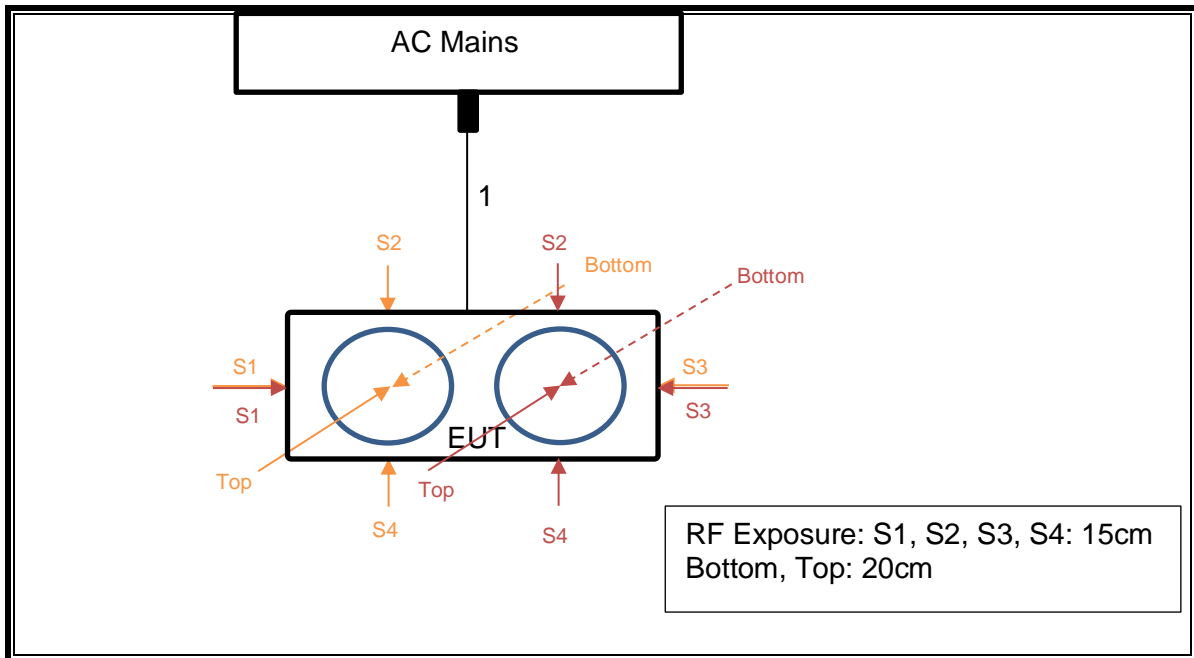
MEASUREMENT SETUP

The measurements were taken using a probe placed 15 cm surrounding the device and 20 cm above the top surface for all configurations on each individual coil per KDB 680106 D01.

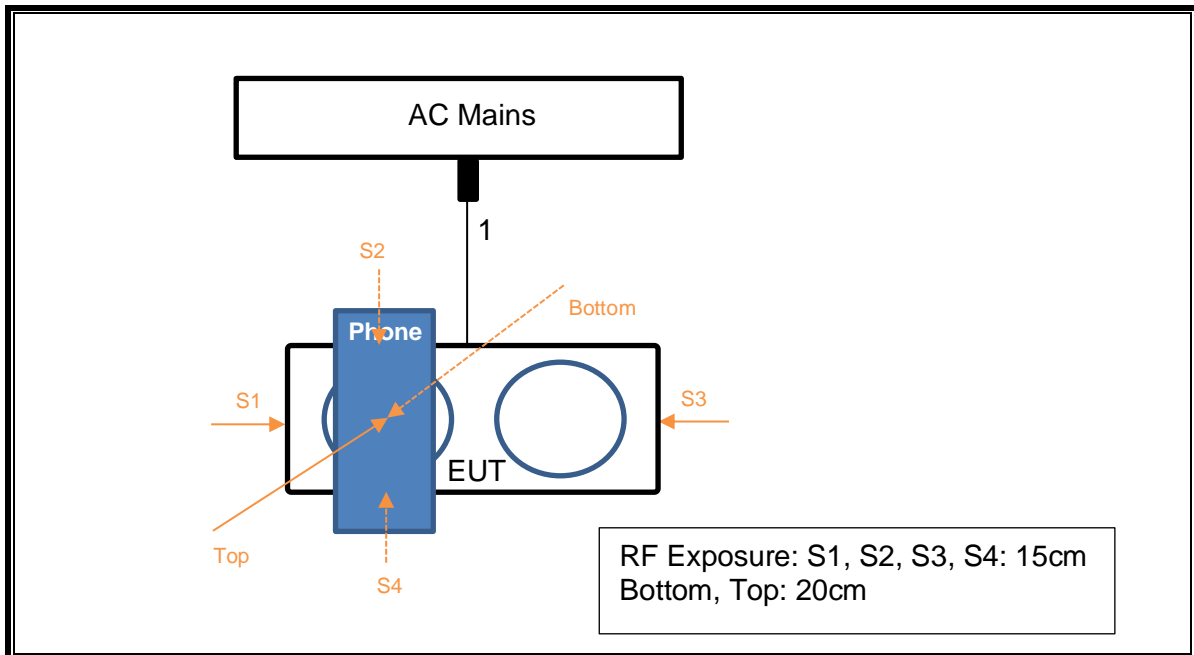
Measurement distance is determined from the center of the probe to the EUT.

TEST SETUP BLOCK DIAGRAM

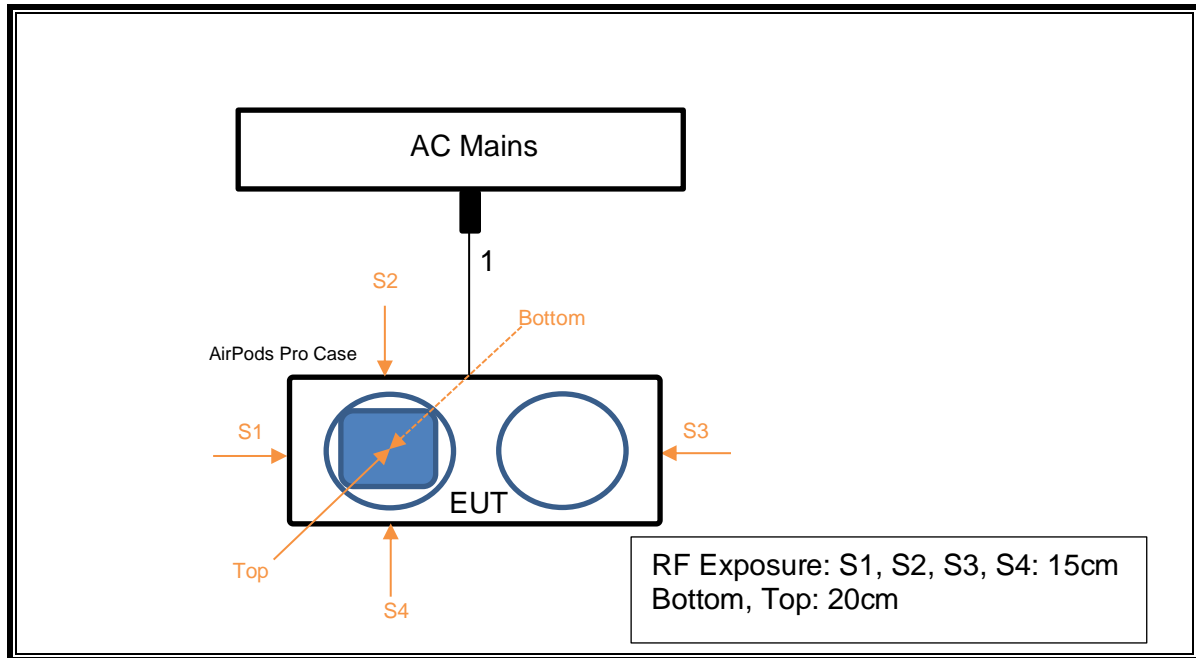
CONFIGURATION 1: WPT ON STANDBY



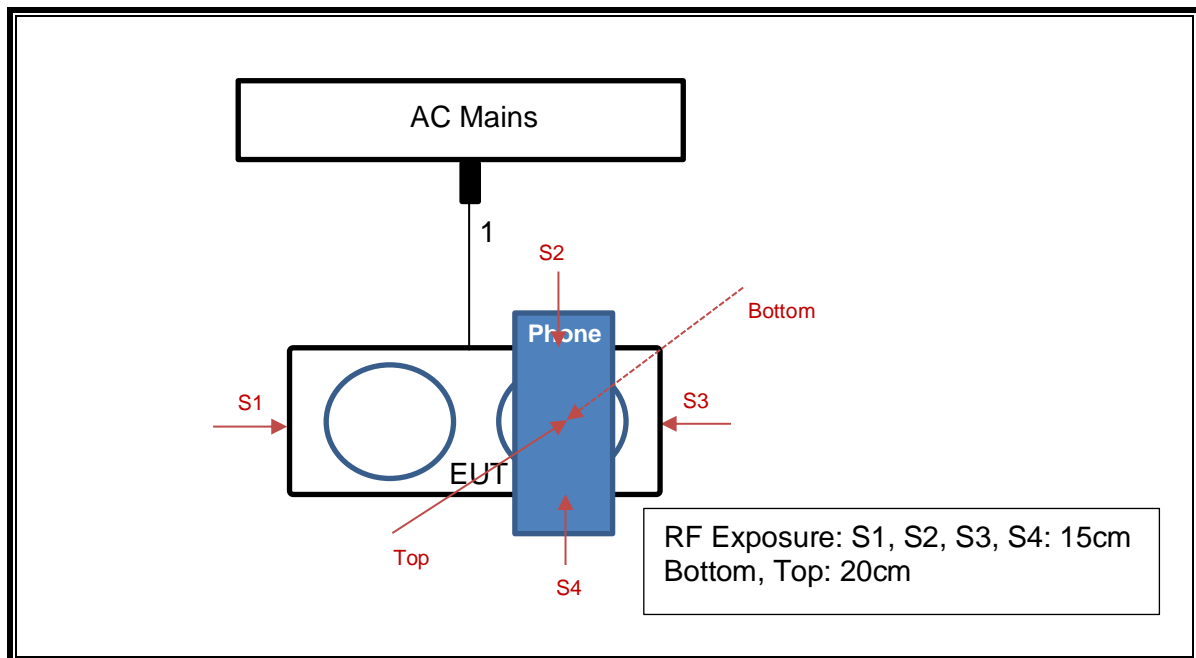
CONFIGURATION 2/3: OPERATING MODE WITH iPhone



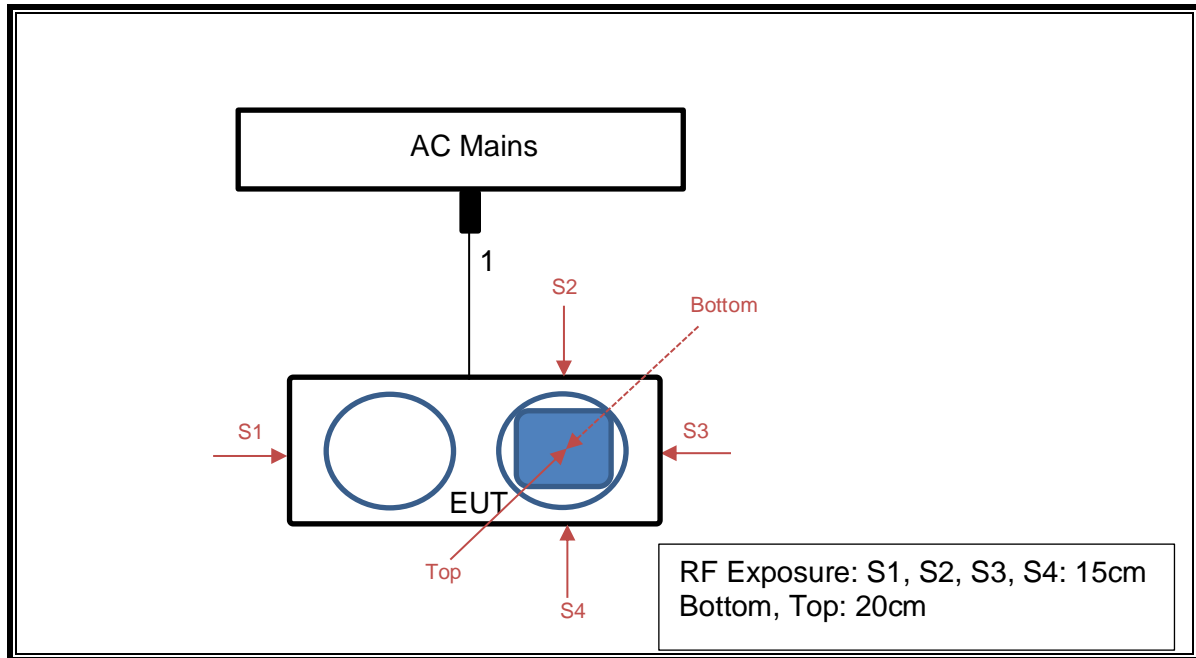
CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



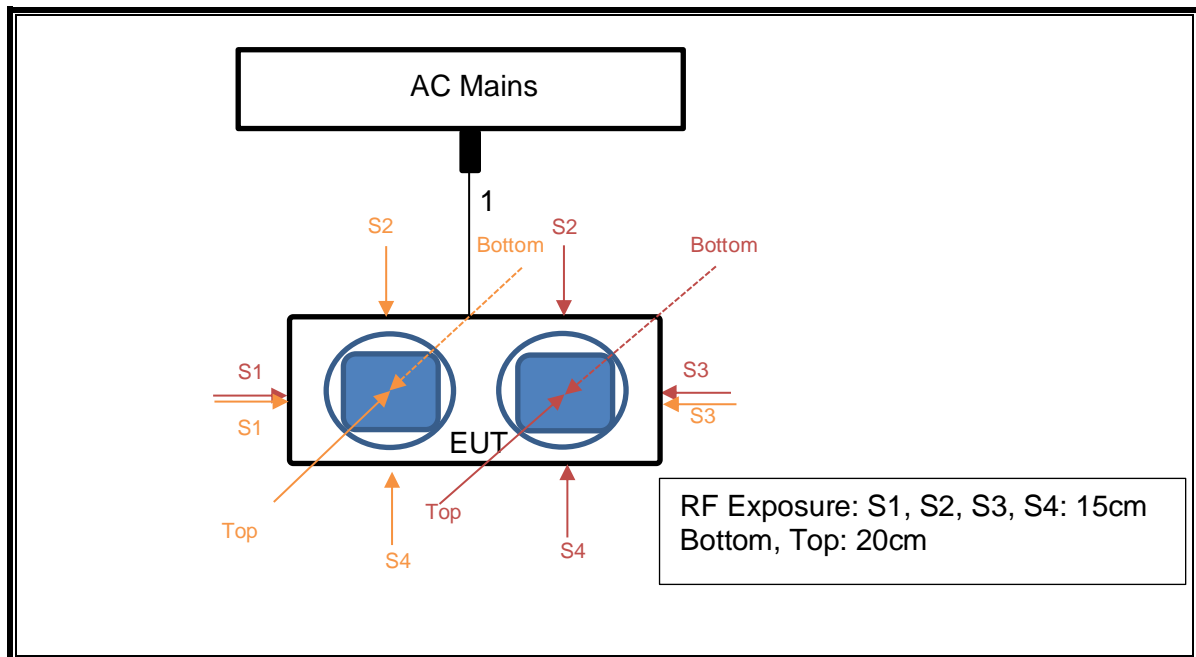
CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)



CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)



CONFIGURATION 7: OPERATING MODE WITH AirPods Pro Case (127.7kHz)+ AirPods Pro Case (111-148kHz)



3.2. RF EXPOSRE SETUP PHOTO

3.2.1. CONFIGURATION 1: WPT ON STANDBY



S1



S2



S3



S4



Top



Bottom

3.2.2. CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)



S1



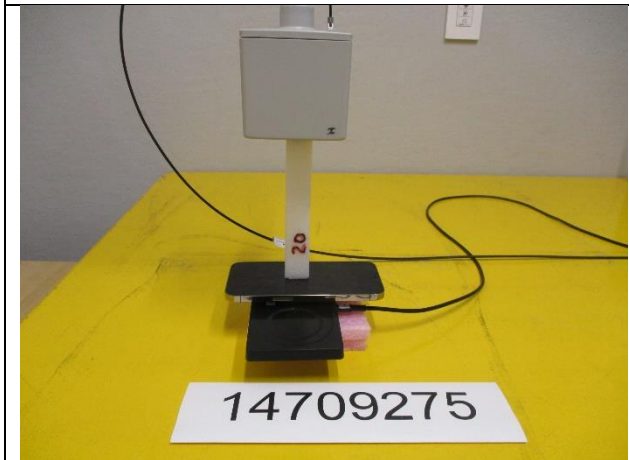
S2



S3



S4



Top



Bottom

3.2.3. CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)



S1



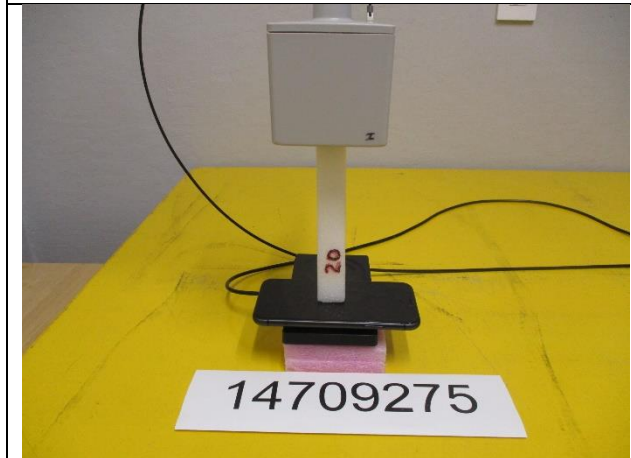
S2



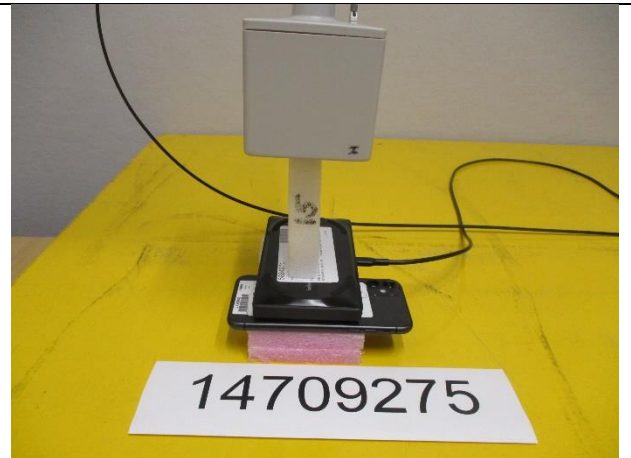
S3



S4



Top



Bottom

3.2.4. CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



S1



S2



S3



S4



Top



Bottom

3.2.5. CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)



S1



S2



S3



S4



Top



Bottom

3.2.6. CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)



S1



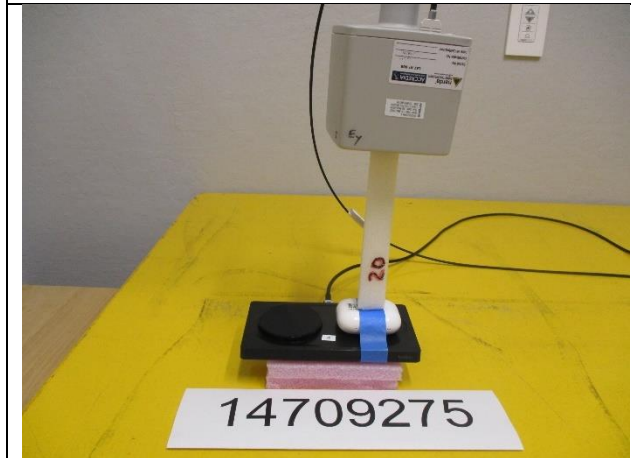
S2



S3



S4



Top



Bottom

3.2.7. CONFIGURATION 7: OPERATING MODE WITH AirPods Pro Case (127.7kHz)+ AirPods Pro Case (111-148kHz)

Coil #1



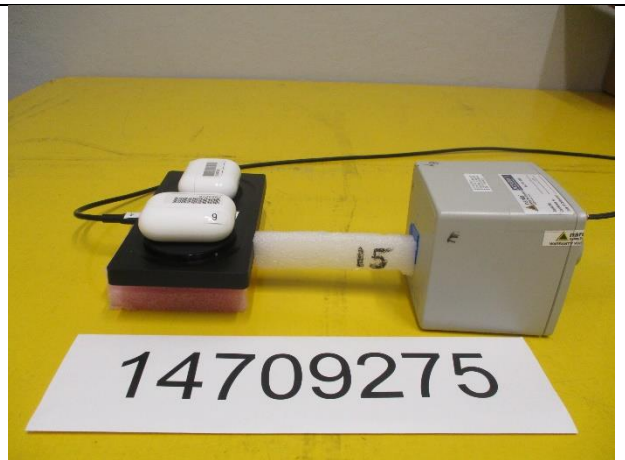
S1



S2



S3



S4



Top

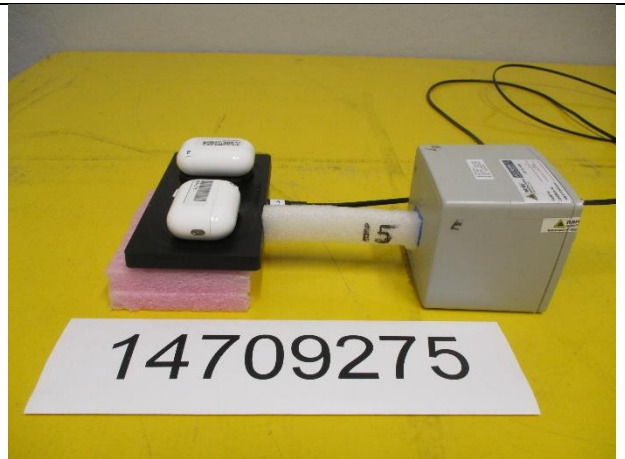


Bottom

Coil #2



S1



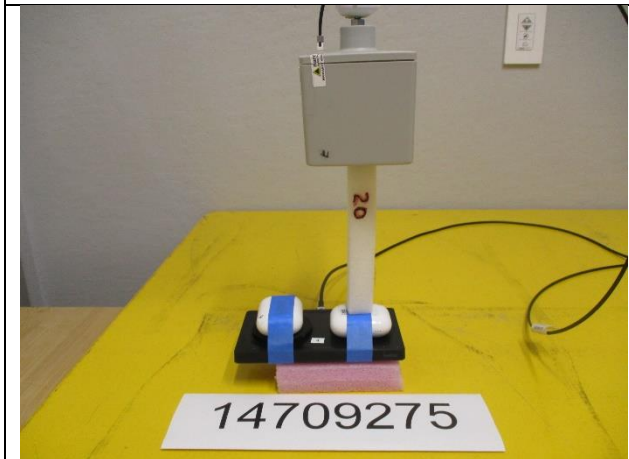
S2



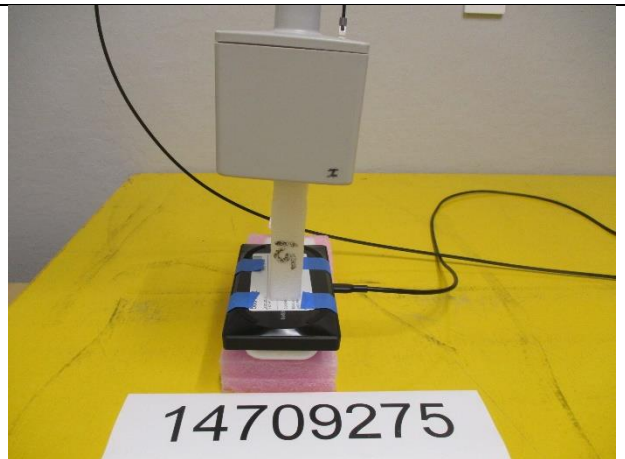
S3



S4



Top



Bottom

END OF REPORT