

Report Number: 14905094-EP1V1

1. SCOPE

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

Reports
14905094-E1 FCC WPT Report
14905094-E2 FCC WPT RF Exposure Report

2. WPT TECHNOLOGY (14905094-E1 Report)

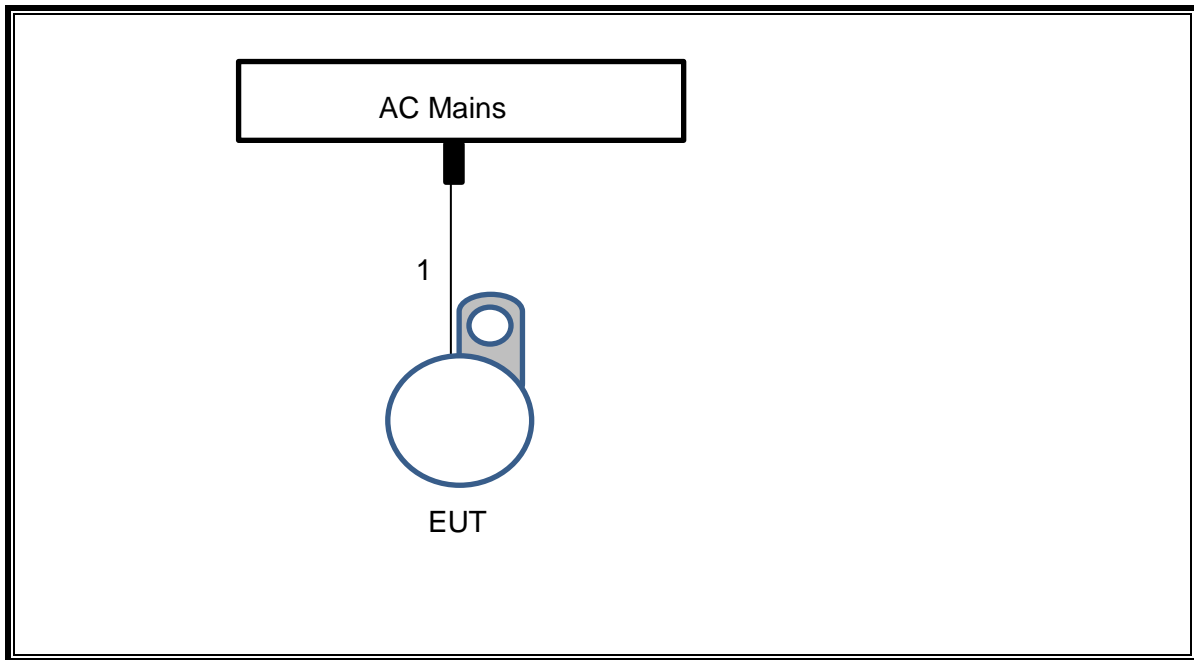
2.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
AC/DC Adapter	Belkin	S1C030A	S1#3-25	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 (Silver, small)	Apple	A1901	G6TVQ8JUJCLJ	BCG-E3175A		
Legacy iPhone (grey)	Apple	A2161	FK1ZMDRGN70C	BCG-E3306A		
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		
Apple Watch Series 8	Apple	A2771	F544Y6F9TX	BCG- A2771		
Apple Watch Series 8	Apple	A2771	MNV2T7TXLY	BCG- A2771		
Apple Watch Series 8	Apple	A2771	HKJ5H4N6XN	BCG- A2771		
Apple Watch Series 8	Apple	A2771	H4WFWQH9LF	BCG- A2771		
Apple Watch Series 8	Apple	A2771	CFYGKG06W7	BCG- A2771		
Legacy Apple Watch SE	Apple	A2722	PMJH6F3QX9	BCG- A2722		
Legacy Apple Watch SE	Apple	A2722	G27Q467X61	BCG- A2722		
Legacy Apple Watch SE	Apple	A2722	J6TJ0LFQ2H	BCG- A2722		
Legacy Apple Watch SE	Apple	A2722	DDJK7F4VCX	BCG- A2722		
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	-

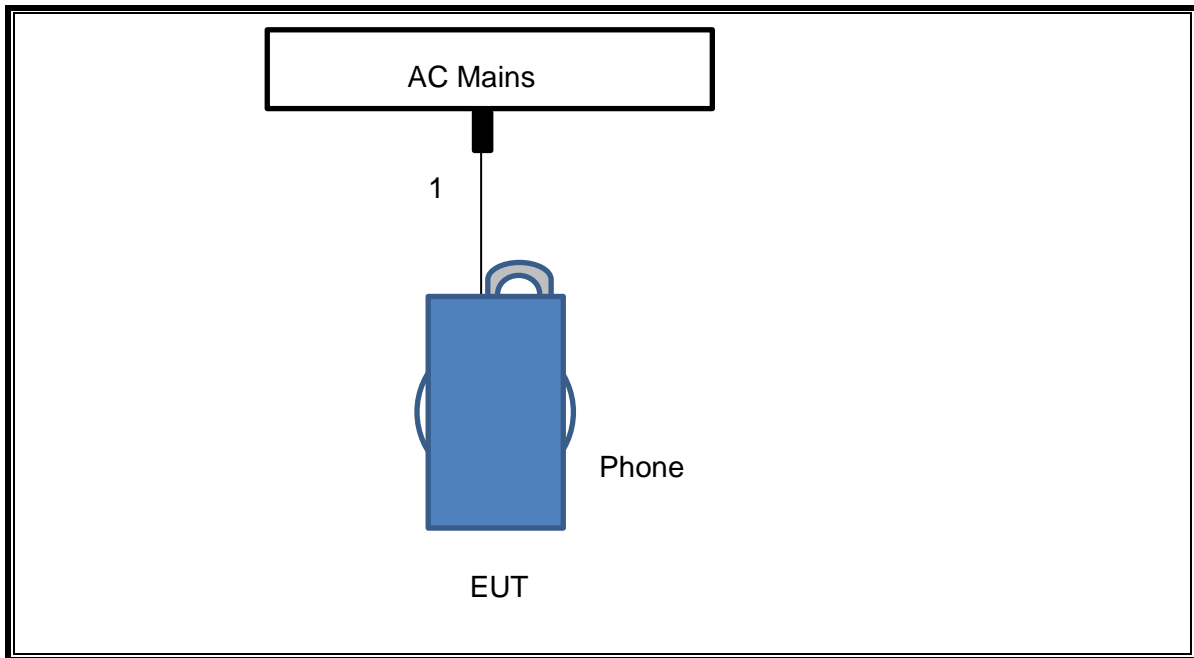
Note: All those support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

TEST SETUP BLOCK DIAGRAM

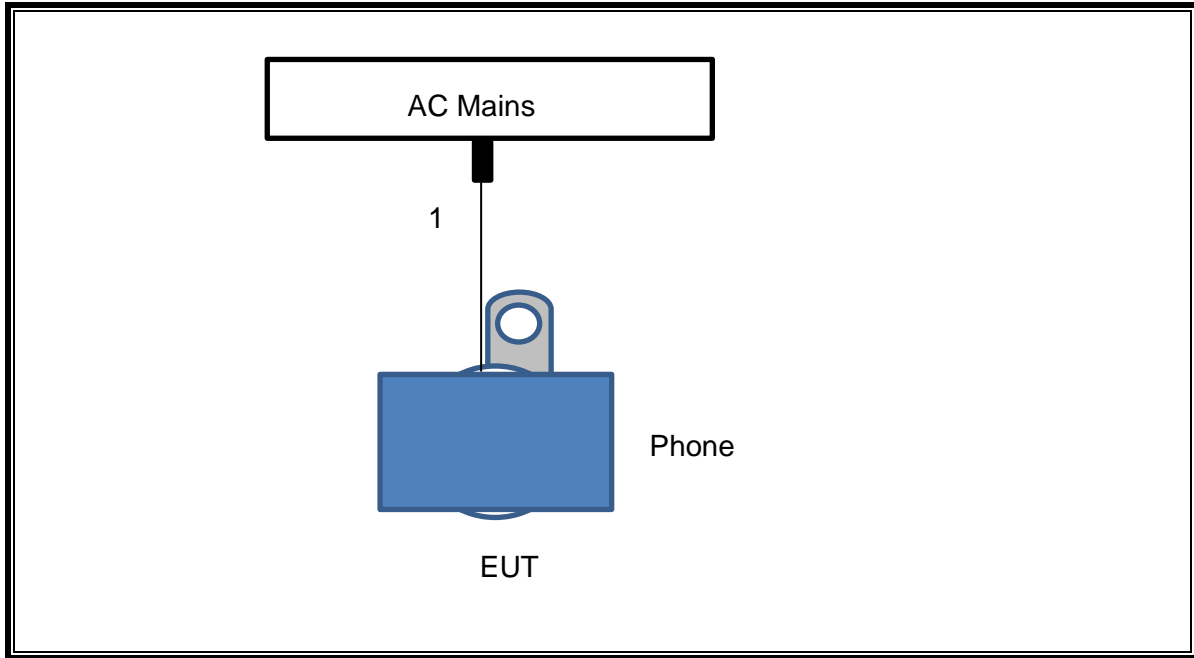
CONFIGURATION 1: WPT ON STANDBY



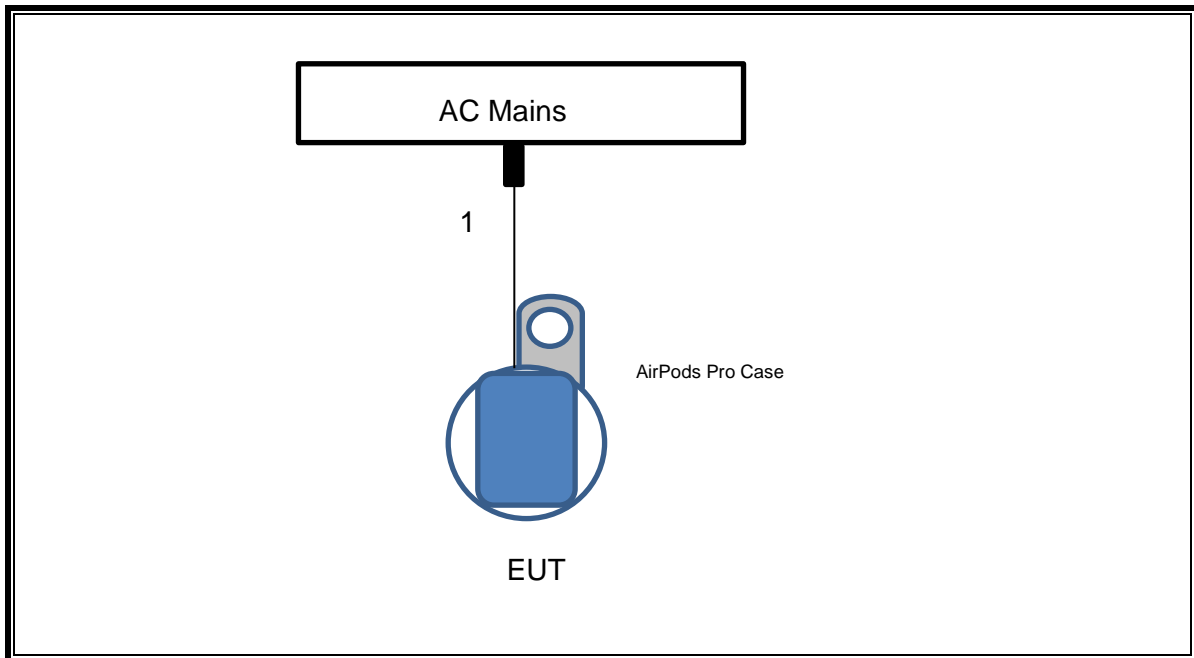
CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)



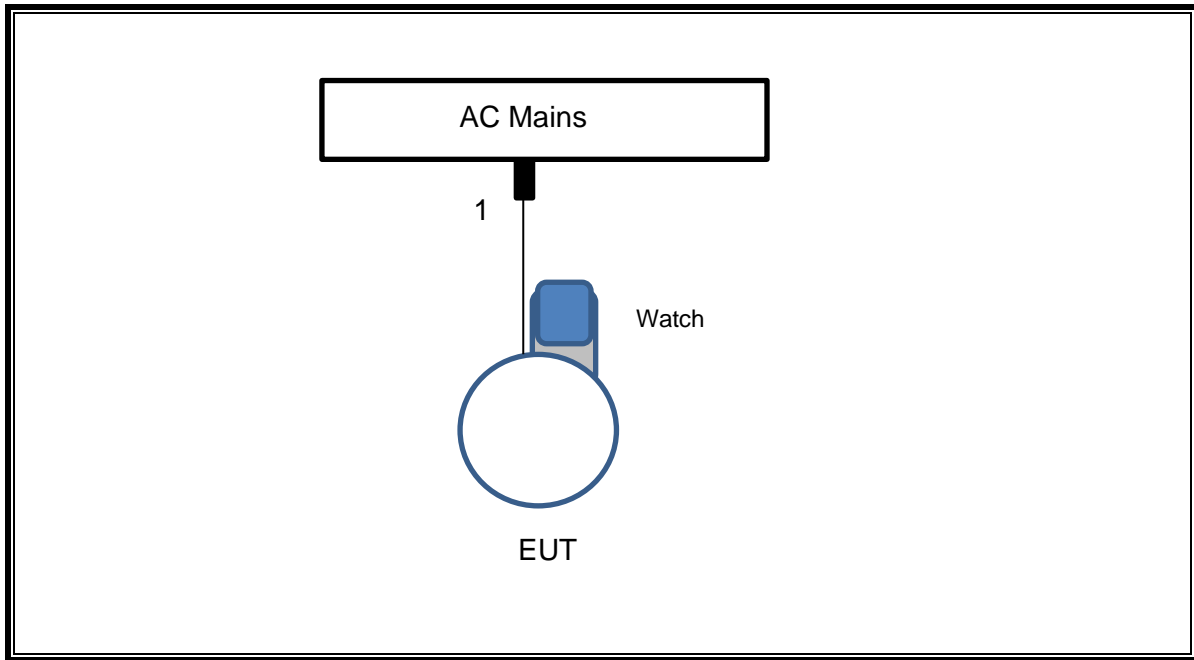
CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)



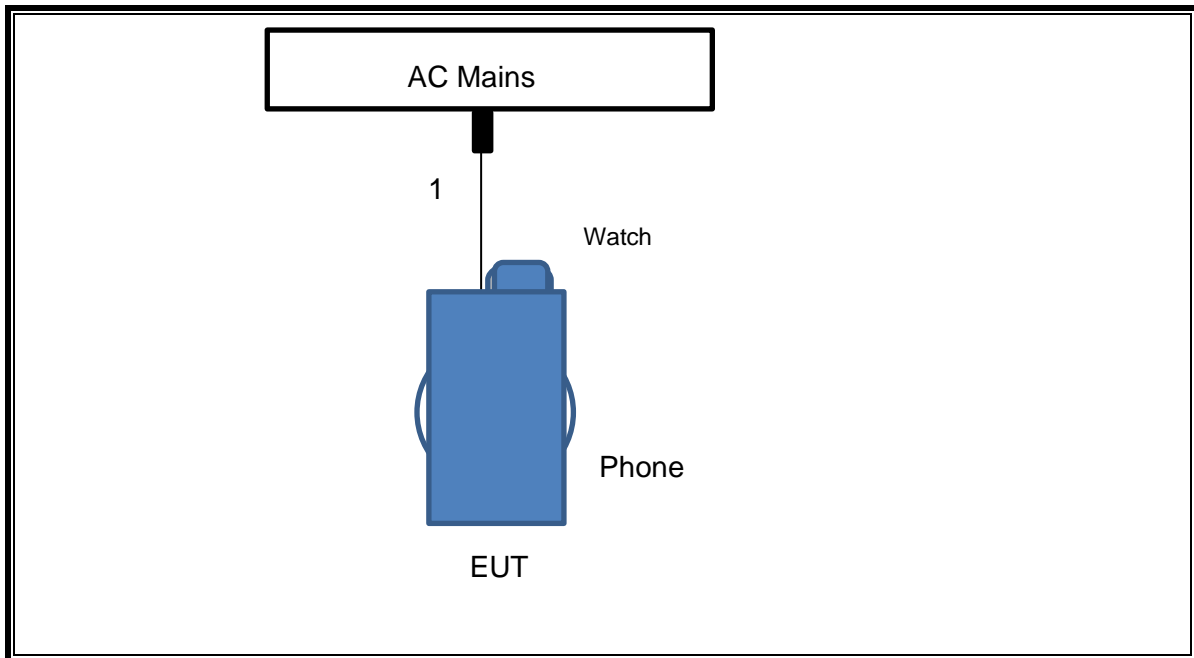
CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



CONFIGURATION 5/6: OPERATING MODE WITH Apple Watch



CONFIGURATION 7: OPERATING MODE WITH iPhone (360kHz) + Apple Watch (1.778MHz)



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) + Apple Watch (1.778MHz)



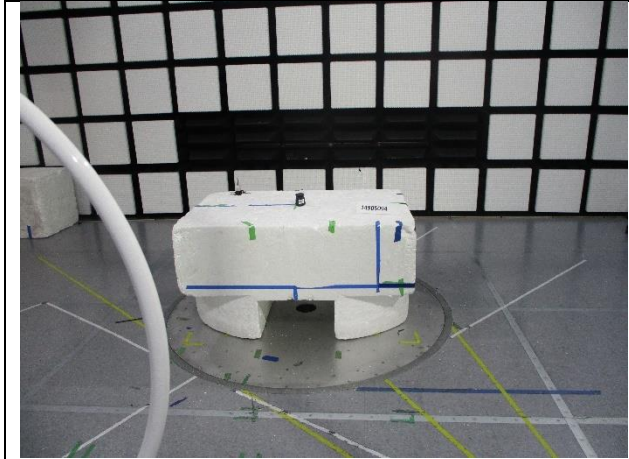
AC LINE CONDUCTED (FRONT)



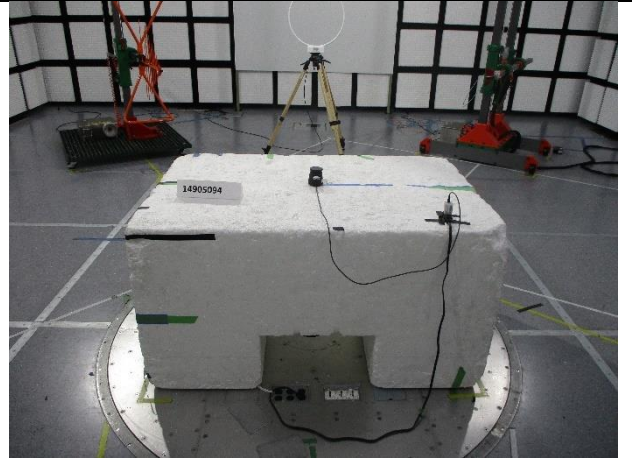
AC LINE CONDUCTED (BACK)

2.3. WPT RADIATED RF MEASUREMENT SETUP

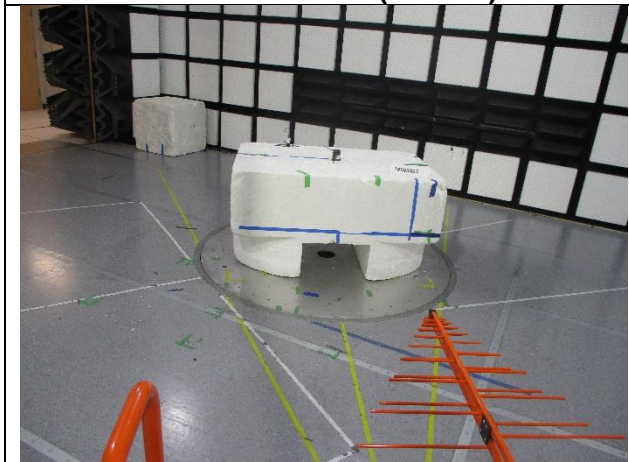
2.3.1. CONFIGURATION 1: WPT ON STANDBY



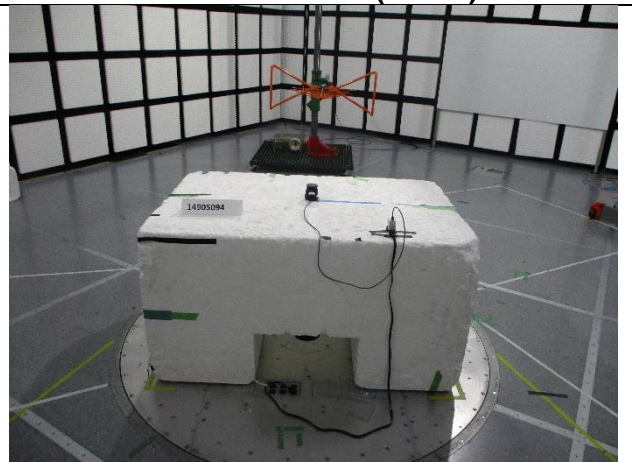
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)

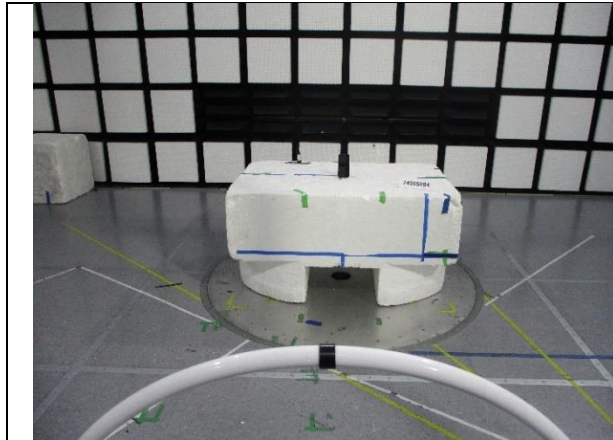


BELOW 1GHz (FRONT)

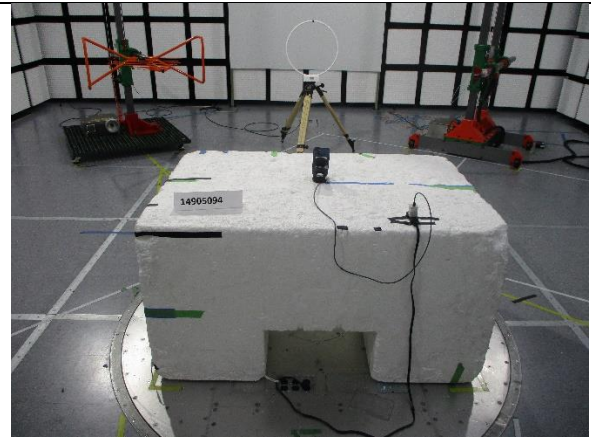


BELOW 1GHz (BACK)

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

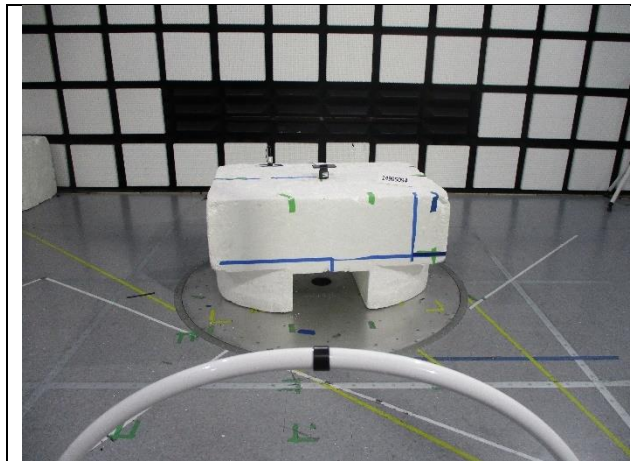


BELOW 30 MHz (FRONT)

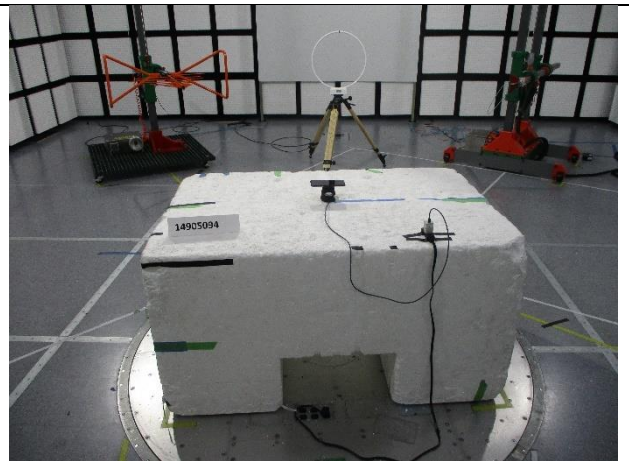


BELOW 30 MHz (BACK)

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

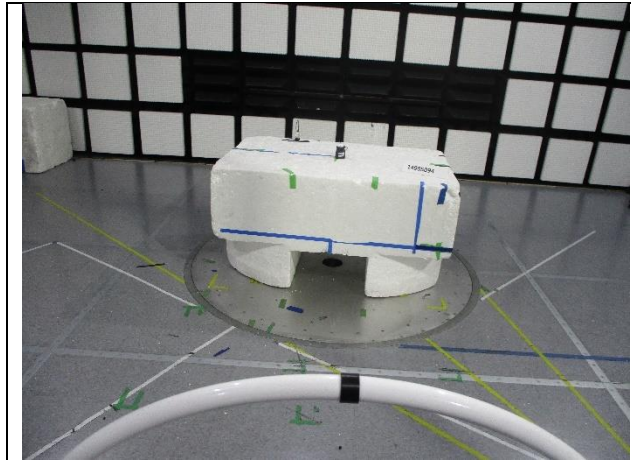


BELOW 30 MHz (FRONT)

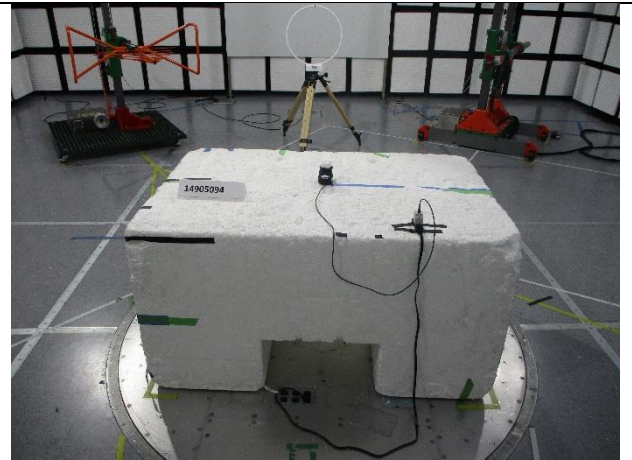


BELOW 30 MHz (BACK)

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

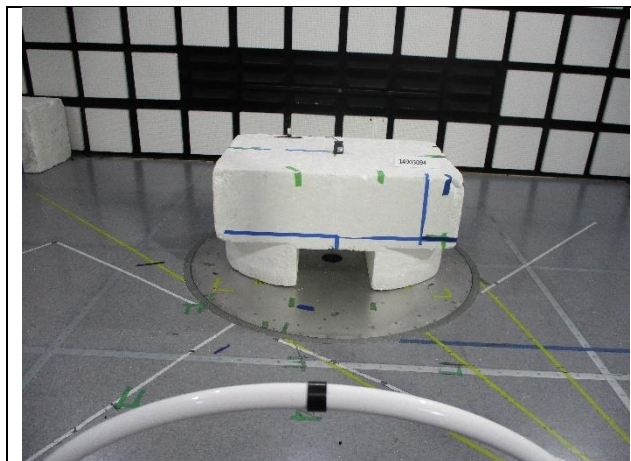


BELOW 30 MHz (FRONT)

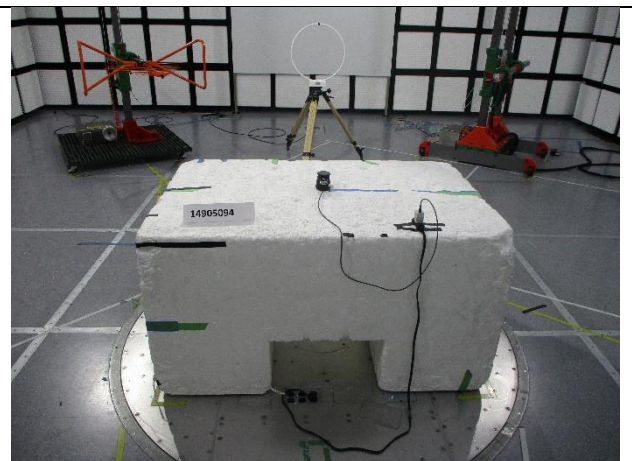


BELOW 30 MHz (BACK)

2.3.5. CONFIGURATION 5: OPERATING MODE WITH Apple Watch (326.5kHz)

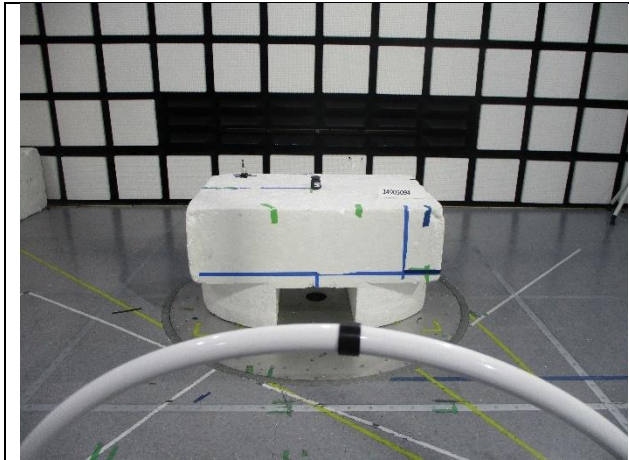


BELOW 30 MHz (FRONT)

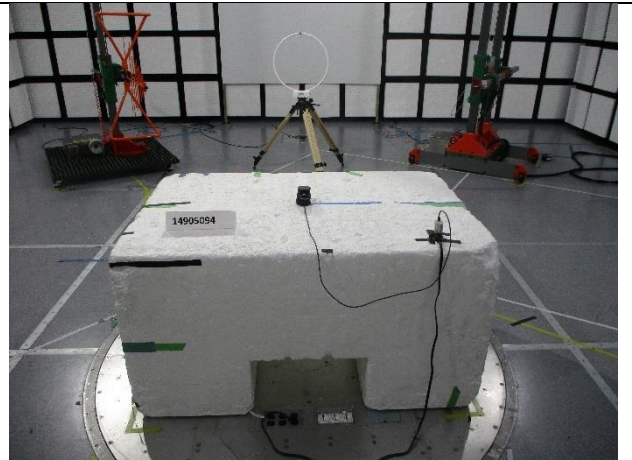


BELOW 30 MHz (BACK)

2.3.6. CONFIGURATION 6: OPERATING MODE WITH Apple Watch (1.778MHz)

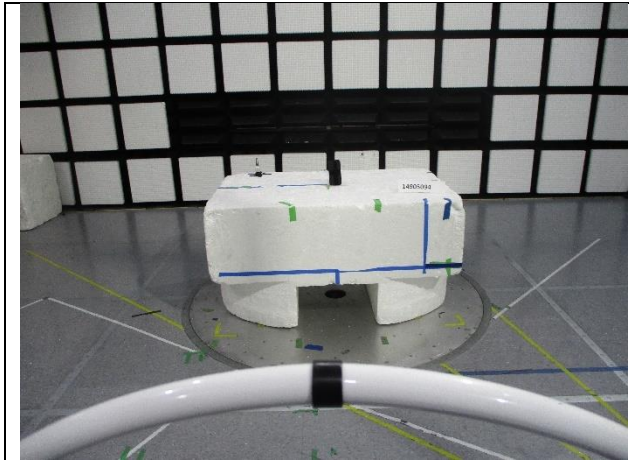


BELOW 30 MHz (FRONT)

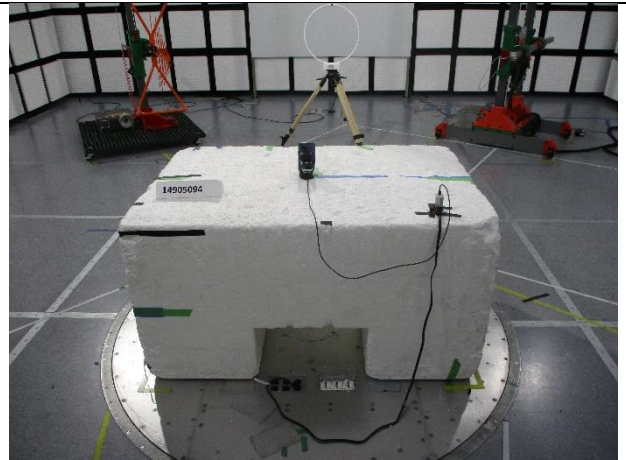


BELOW 30 MHz (BACK)

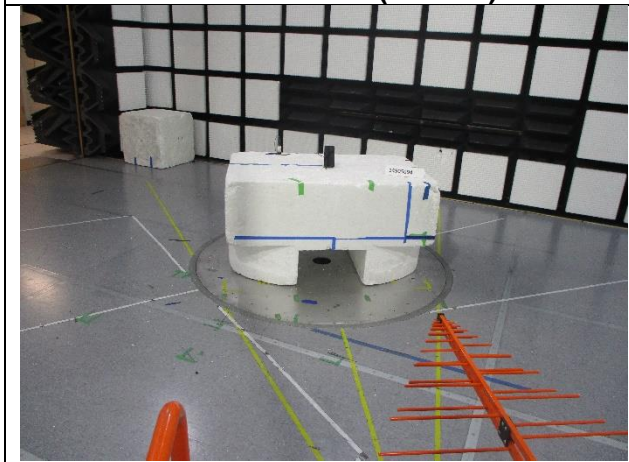
2.3.7. CONFIGURATION 7: OPERATING MODE WITH iPhone (360kHz) + Apple Watch (1.778MHz)



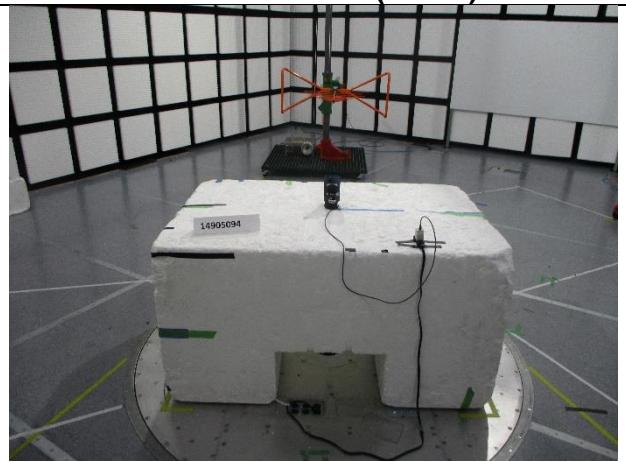
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

3. RF EXPOSURE (14905094-E2 Report)

3.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
AC/DC Adapter	Belkin	S1C030A	S1#3-24	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 (black)	Apple	A2111	C6KZHK1XN72J	BCG-E3309A		
Legacy iPhone (black)	Apple	A2101	G6TX9247KPH1	BCG-E3234A		
Legacy iPhone (black)	Apple	A1901	G6TV37H8JCLH	BCG-E3175A		
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		
Apple Watch Series 7	Apple	A2474	TF7MKXCXC9Q	BCG-A2474		
Apple Watch Series 7	Apple	A2474	WNX9JYCXKH	BCG-A2474		
Apple Watch Series 7	Apple	A2474	K76R02RKQG	BCG-A2474		
Apple Watch Series 7	Apple	A2474	MH407G923N	BCG-A2474		
Apple Watch Series 7	Apple	A2474	QVW24T7HH6	BCG-A2474		
Legacy Apple Watch	Apple	A1554	FHLPNJQEG9J6	BCG-E2871		
Legacy Apple Watch	Apple	A2092	FHLZM8YQMLTK	BCG-A092		
Legacy Apple Watch SE	Apple	A2722	KNYPMV99QX	BCG- A2722		
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.

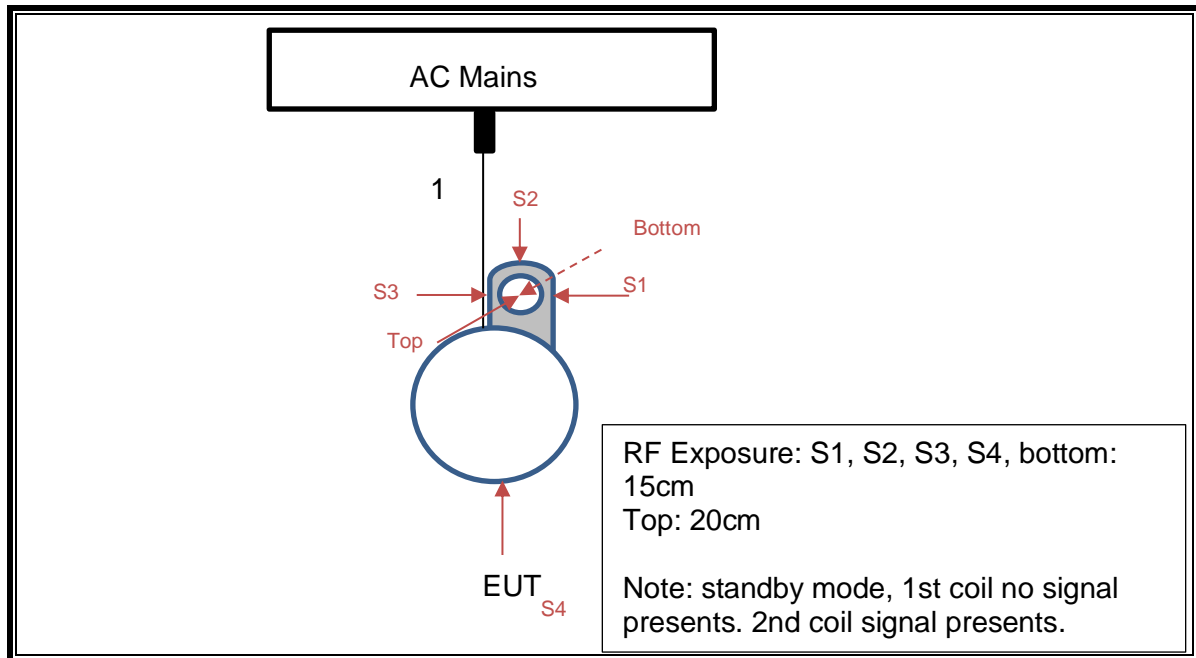
MEASUREMENT SETUP

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.

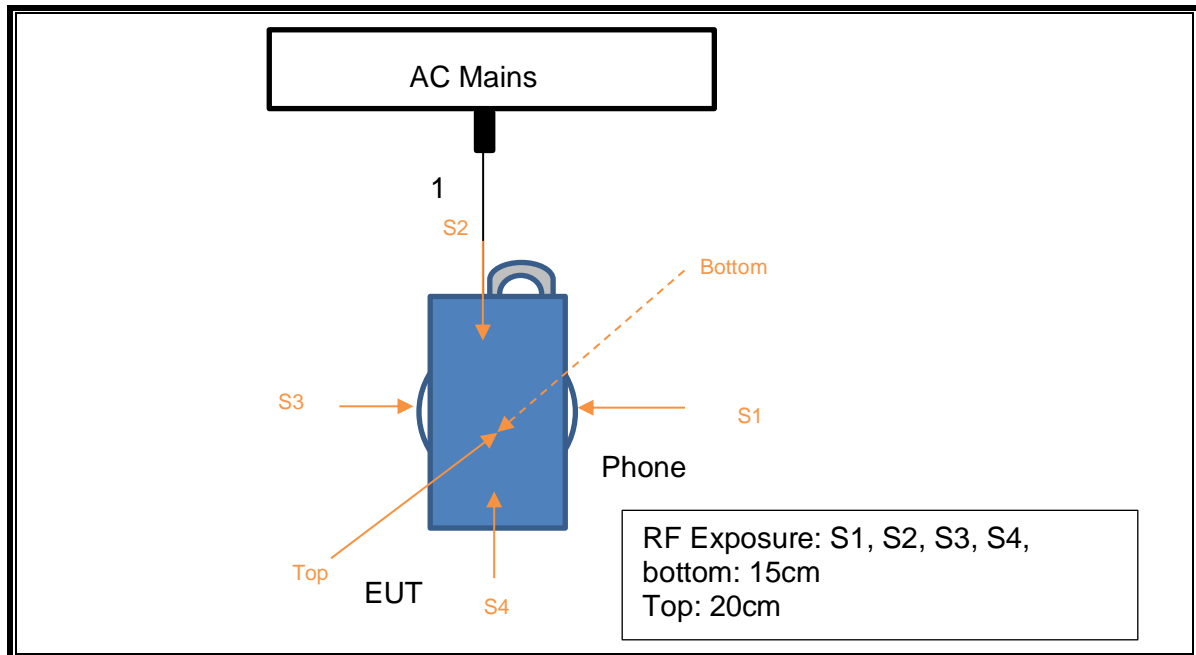
Measurement distance is determined from the center of the probe to the EUT.

TEST SETUP BLOCK DIAGRAM

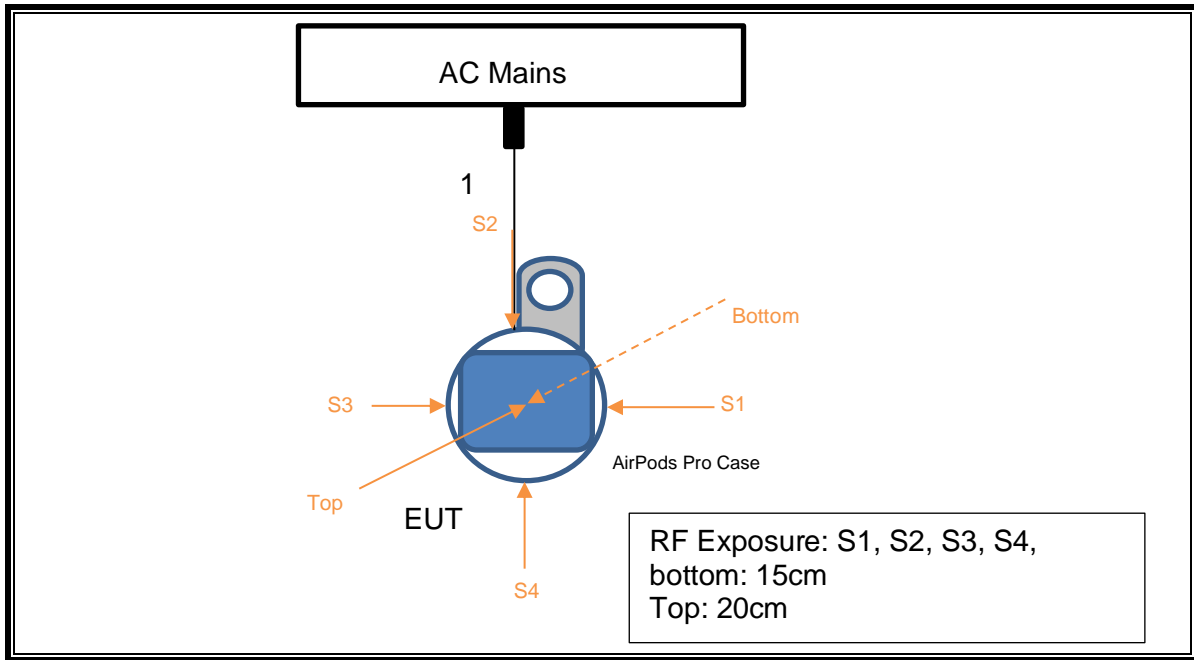
CONFIGURATION 1: WPT ON STANDBY



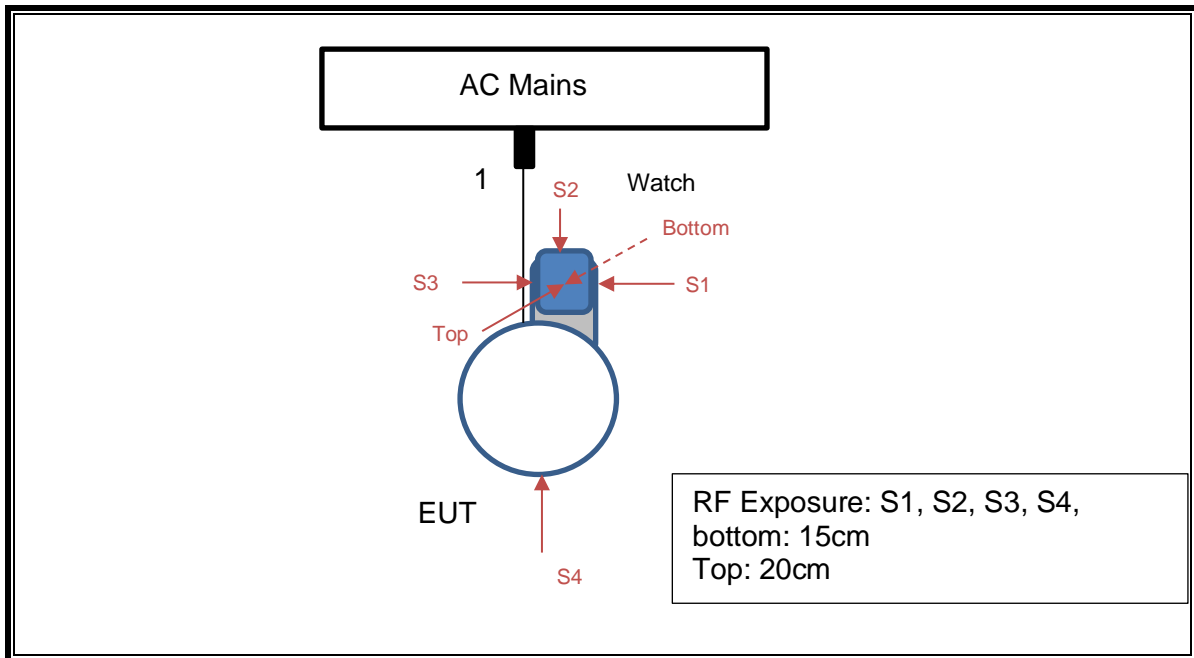
CONFIGURATION 2/3: OPERATING MODE WITH iPhone



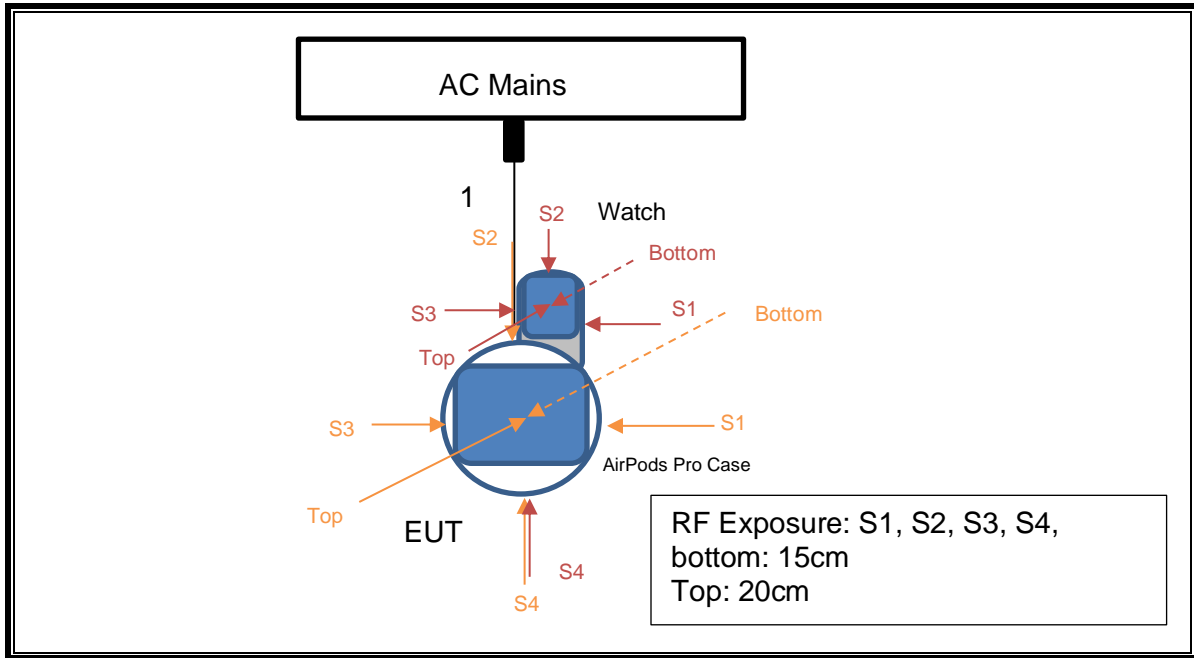
CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



CONFIGURATION 5/6: OPERATING MODE WITH Apple Watch

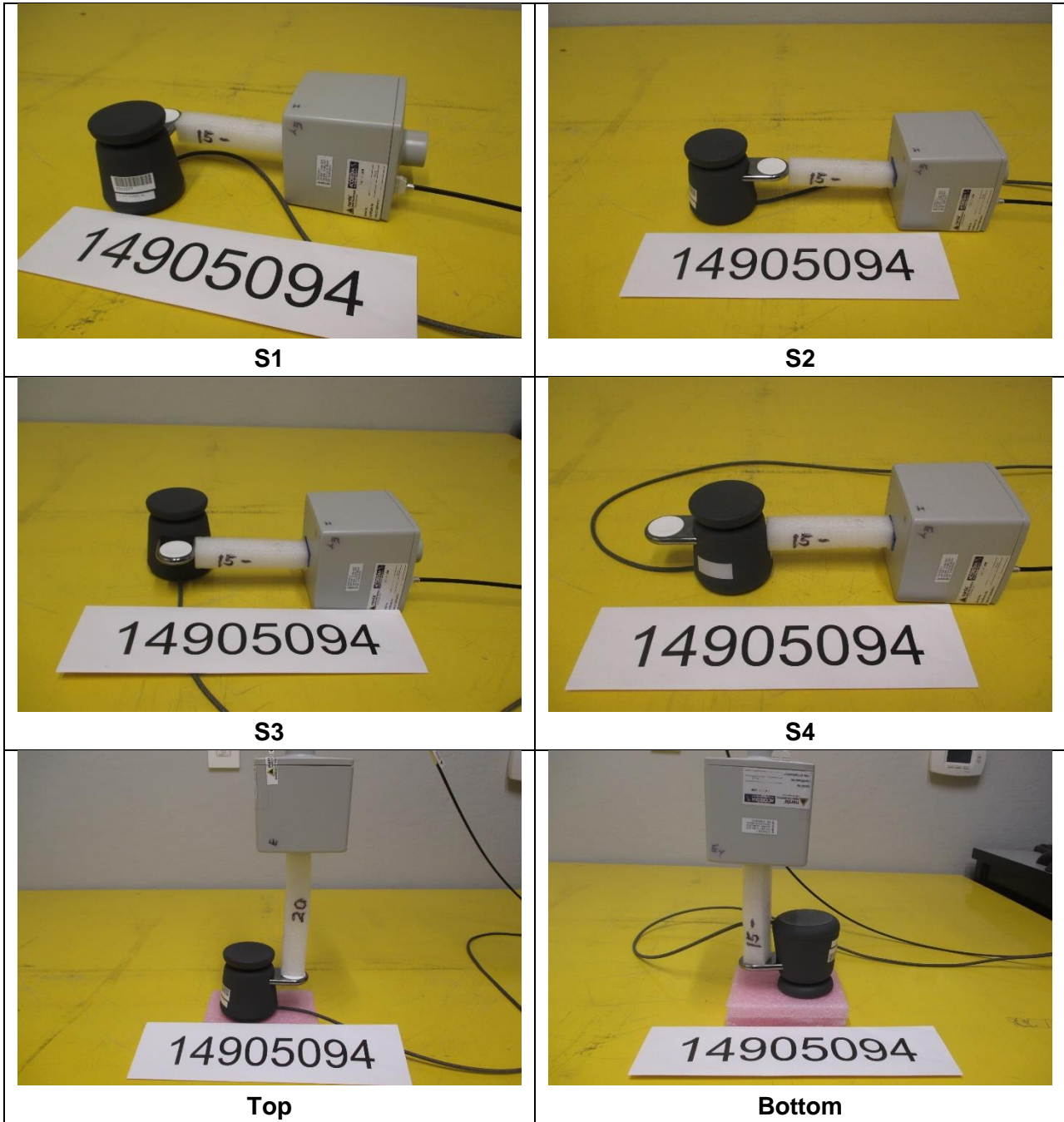


CONFIGURATION 7: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + Apple Watch (1.778MHz)



3.2. RF EXPOSURE SETUP PHOTO

3.2.1. CONFIGURATION 1: WPT ON STANDBY



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



S1



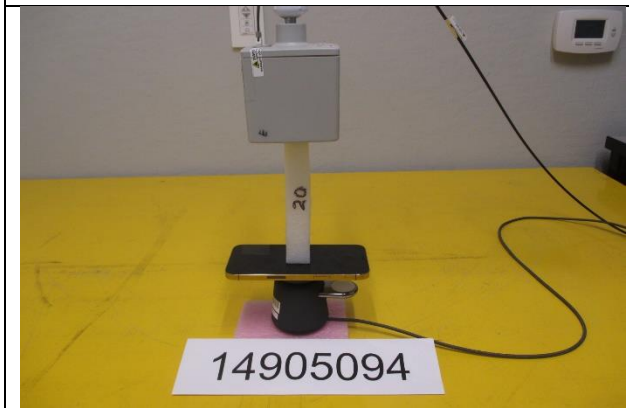
S2



S3



S4



Top



Bottom

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



S1



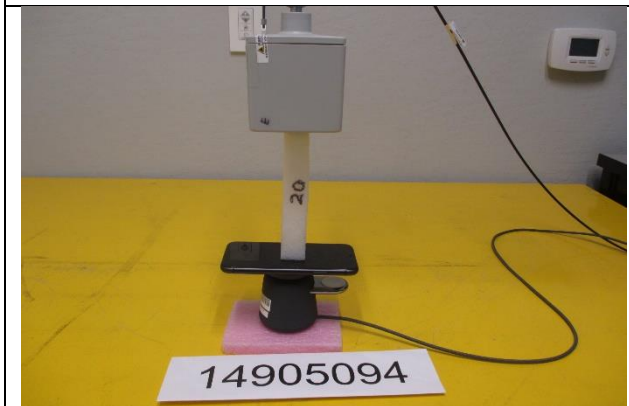
S2



S3



S4

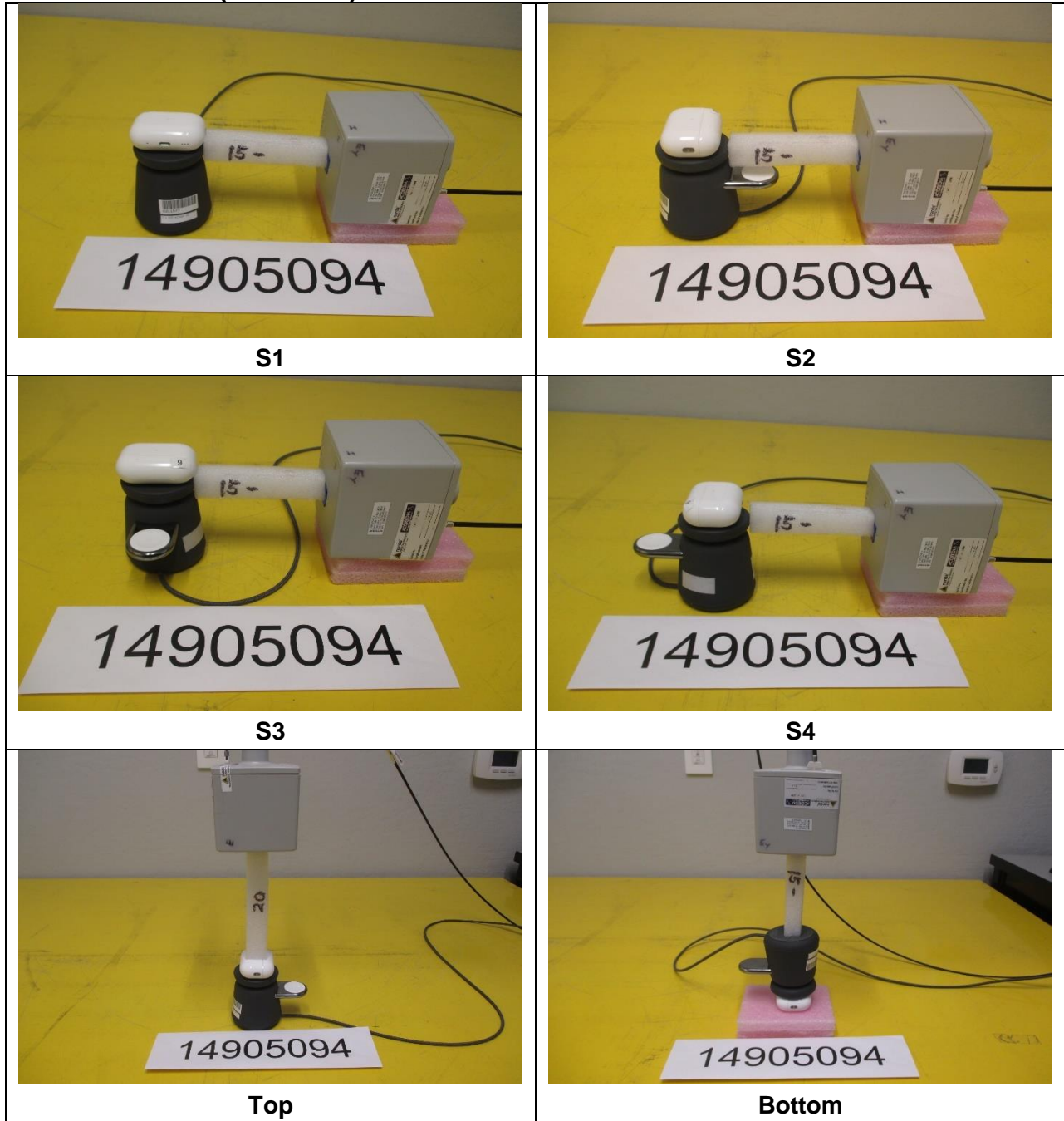


Top



Bottom

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



**3.2.5. CONFIGURATION 5: OPERATING MODE WITH Apple Watch
(326.5kHz)**



S1



S2



S3



S4



Top



Bottom

3.2.6. CONFIGURATION 6: OPERATING MODE WITH Apple Watch (1.778MHz)



S1



S2



S3



S4



Top



Bottom

3.2.7. CONFIGURATION 7: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + Apple Watch (1.778MHz)

Coil #1



S1



S2



S3



S4

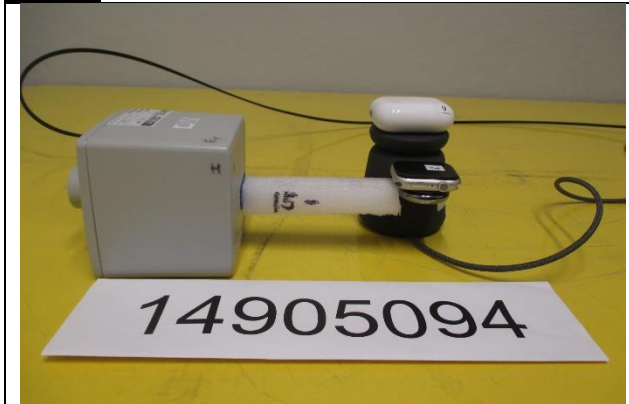


Top



Bottom

Coil #2



S1



S2



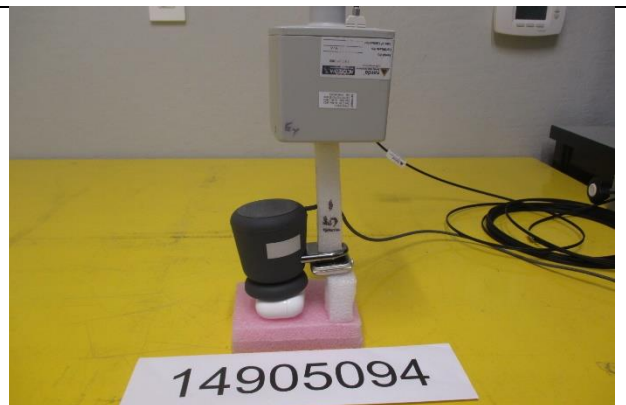
S3



S4



Top



Bottom

END OF REPORT