

Report Number: 14905094-EP1V1

1. SCOPE

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

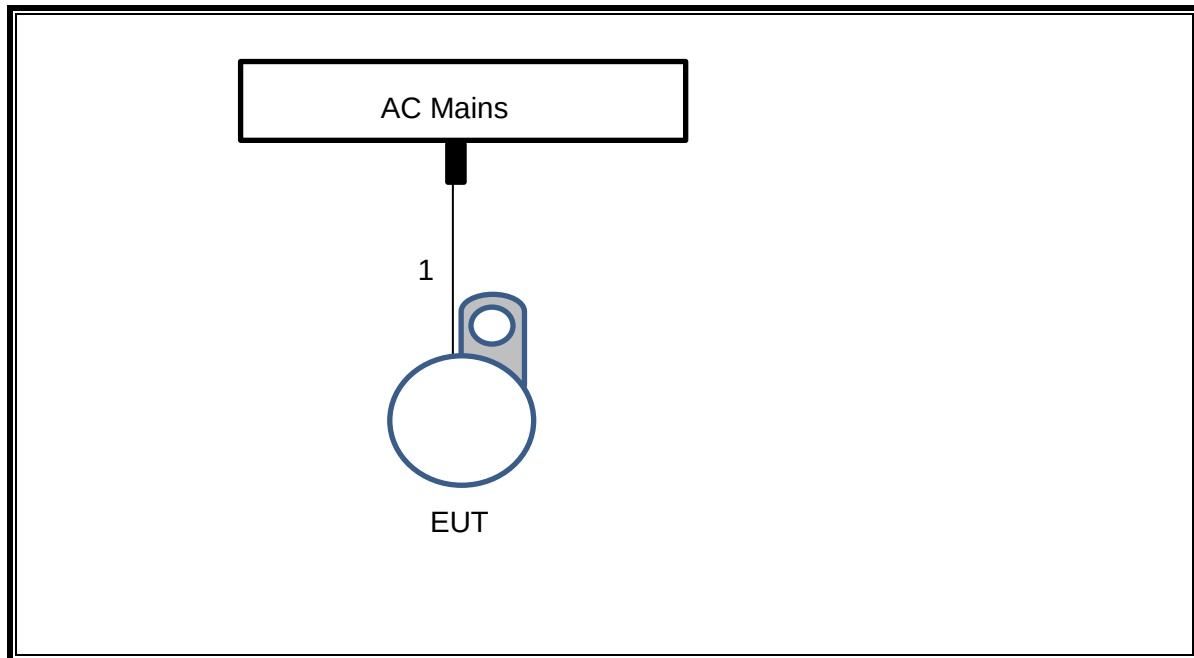
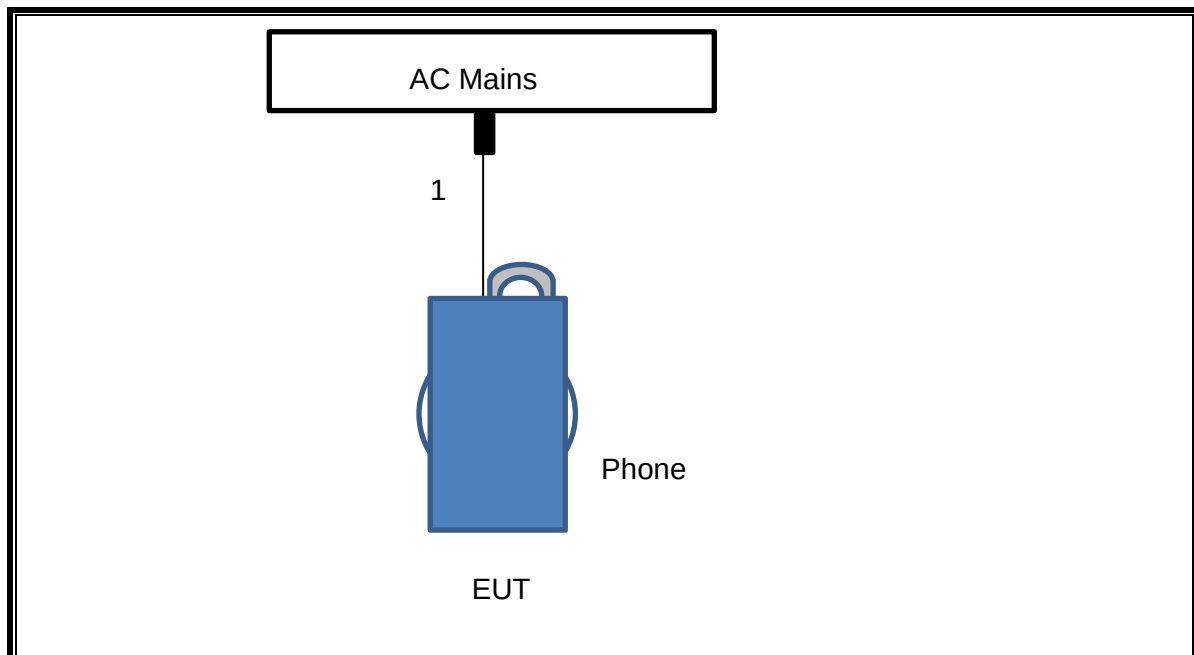
Reports
14905094-E1 FCC WPT Report
14905094-E2 FCC WPT RF Exposure Report

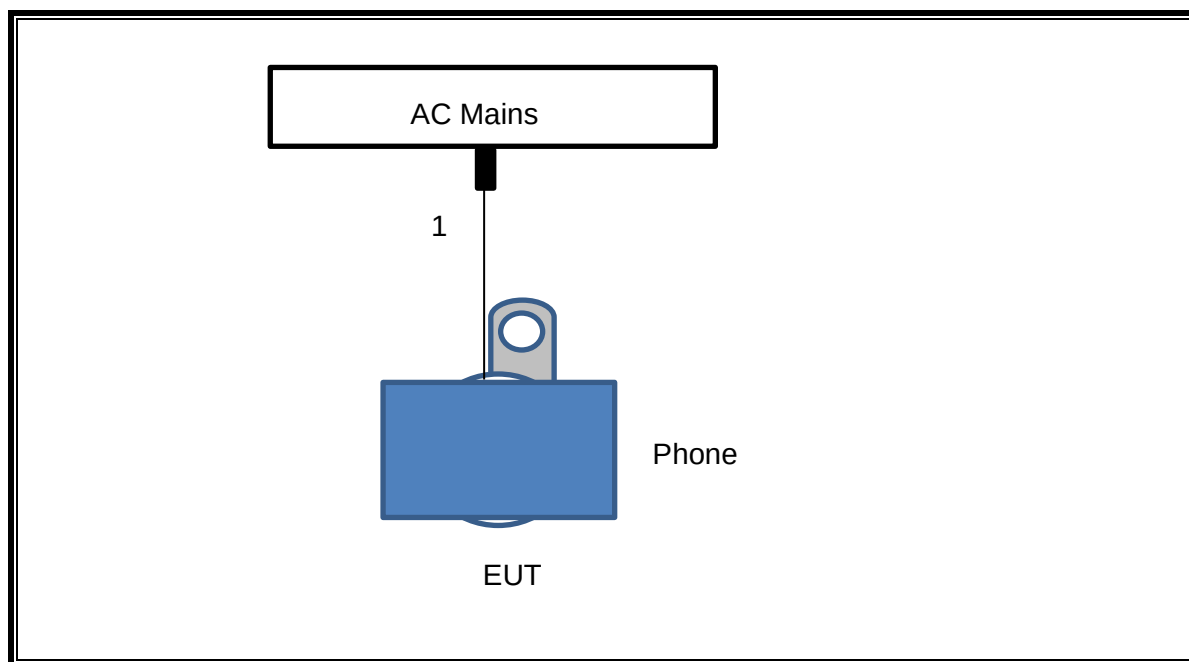
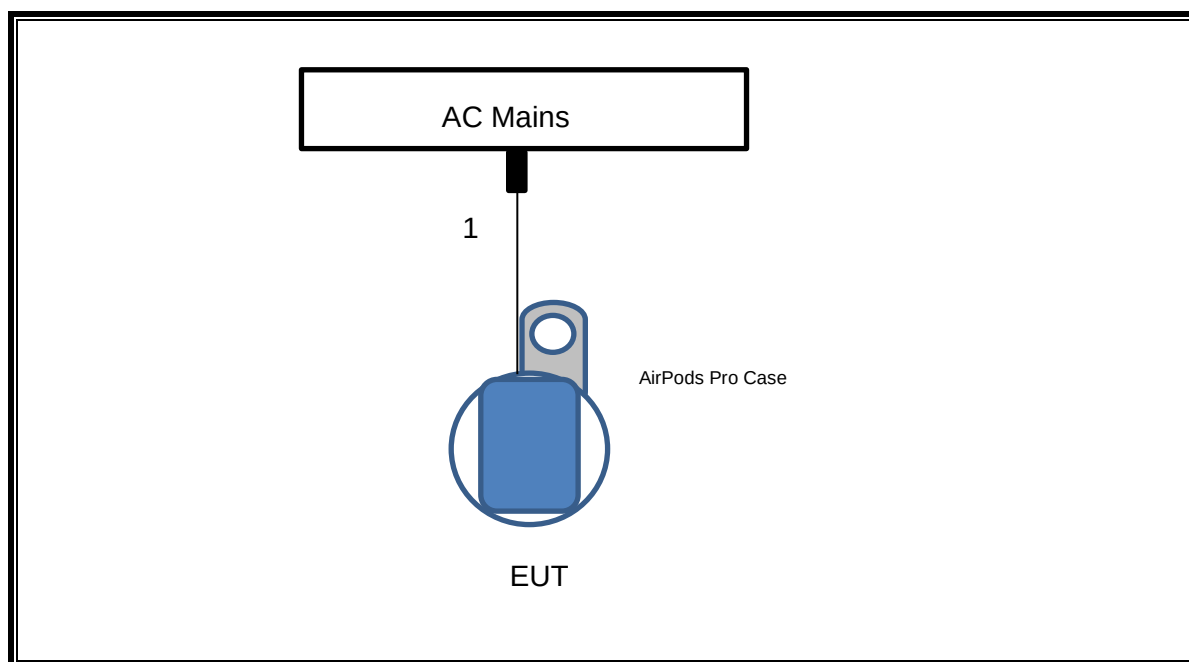
2. WPT TECHNOLOGY (14905094-E1 Report)

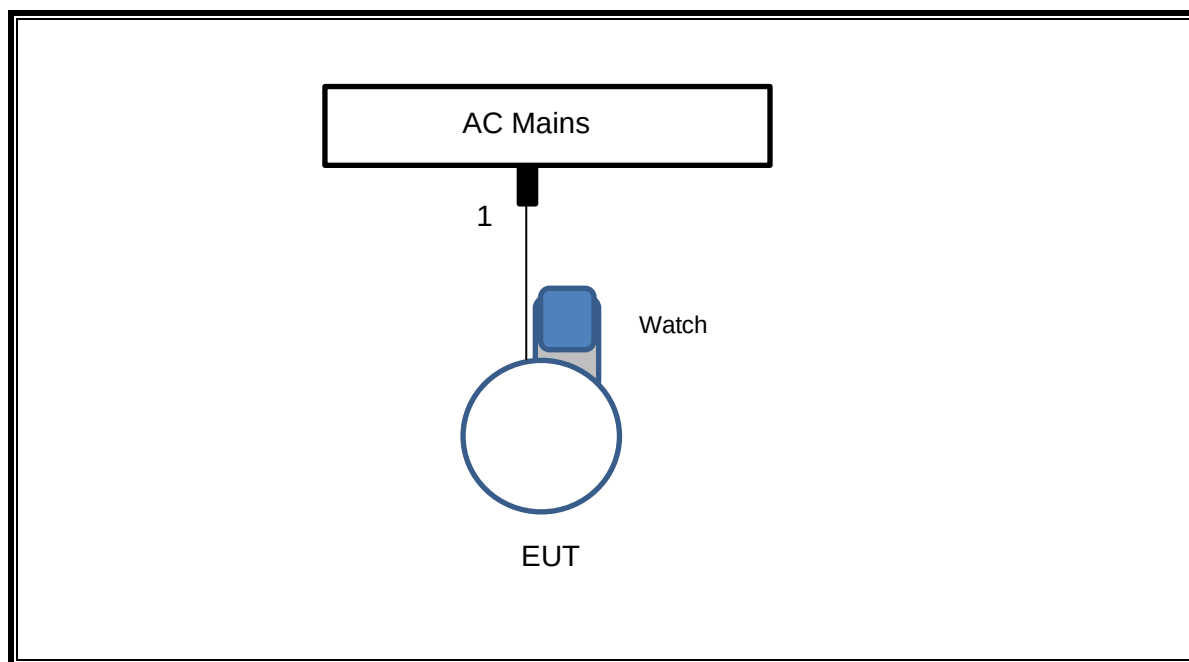
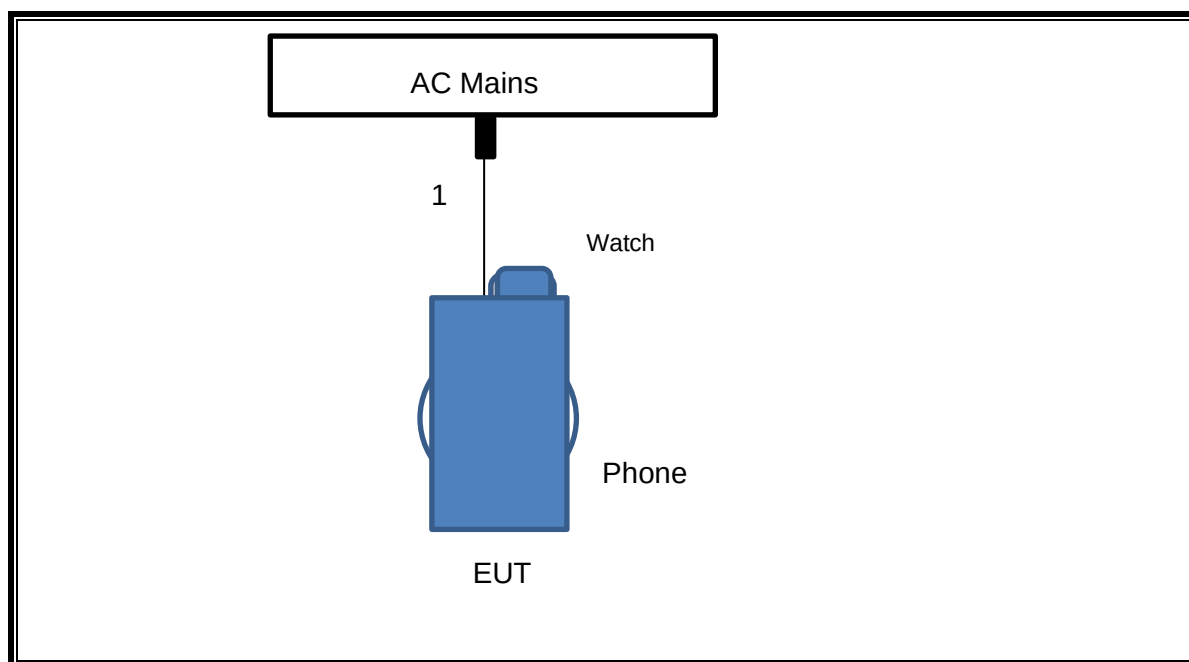
2.1. DESCRIPTION OF TEST SETUP

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)



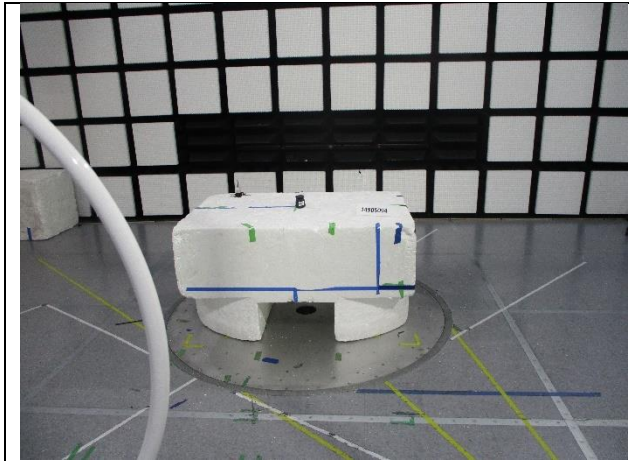
AC LINE CONDUCTED (FRONT)



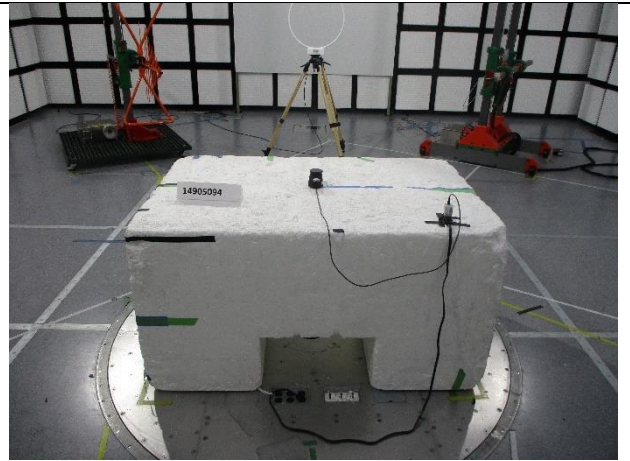
AC LINE CONDUCTED (BACK)

2.3. WPT RADIATED RF MEASUREMENT SETUP

2.3.1. CONFIGURATION 1: WPT ON STANDBY



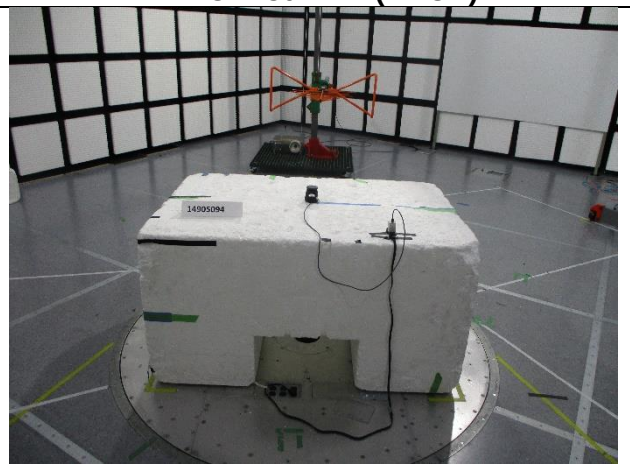
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)

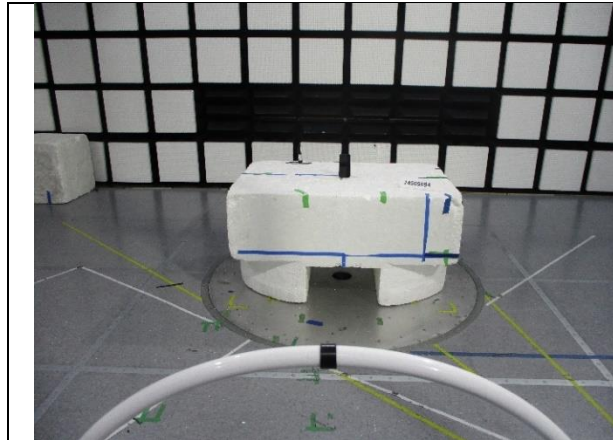


BELOW 1GHz (FRONT)

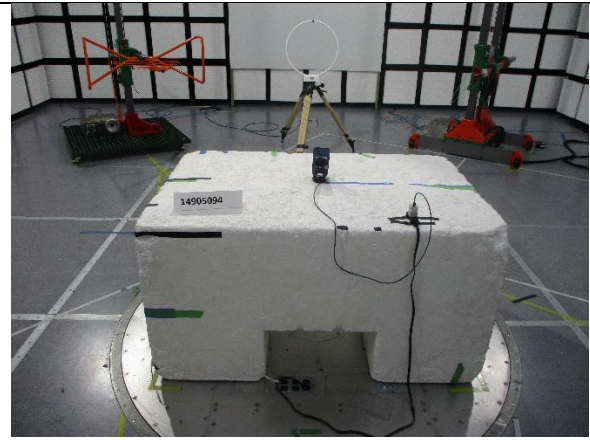


BELOW 1GHz (BACK)

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

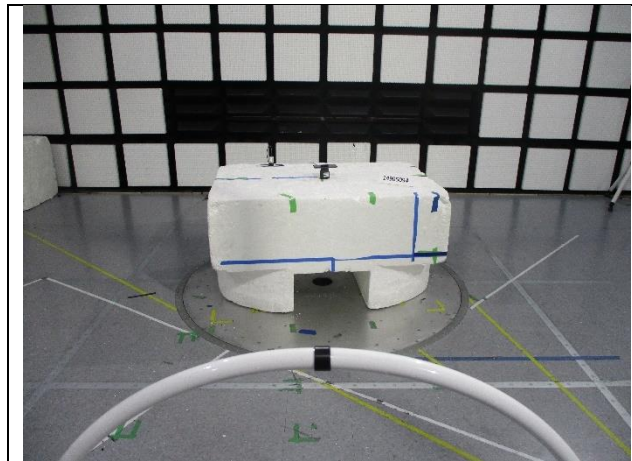


BELOW 30 MHz (FRONT)

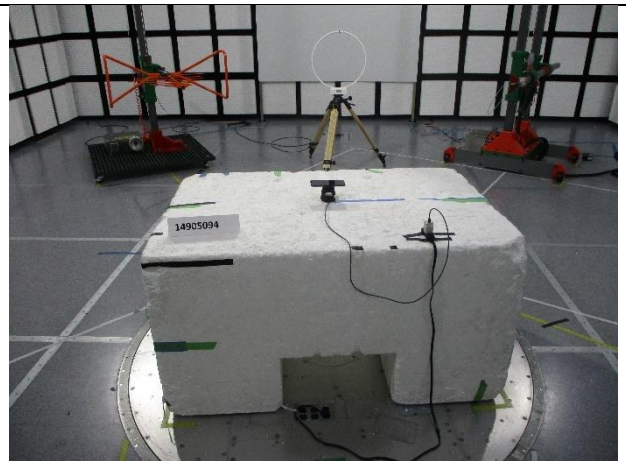


BELOW 30 MHz (BACK)

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

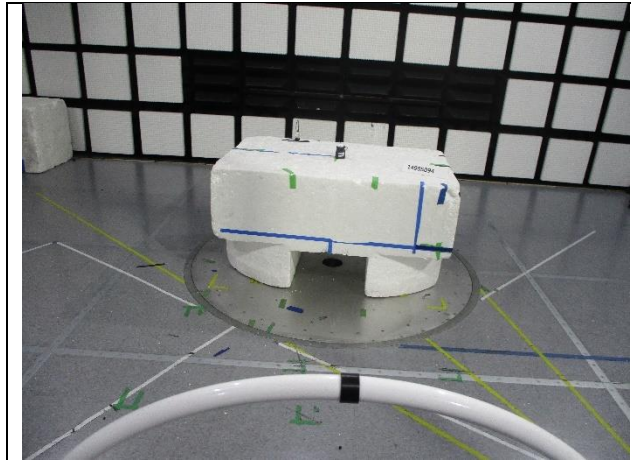


BELOW 30 MHz (FRONT)

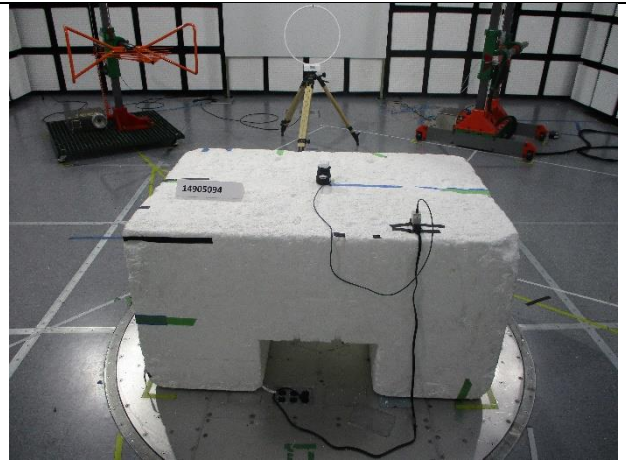


BELOW 30 MHz (BACK)

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

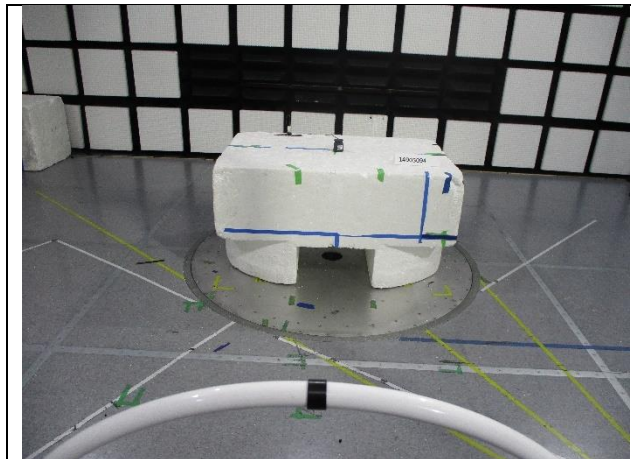


BELOW 30 MHz (FRONT)

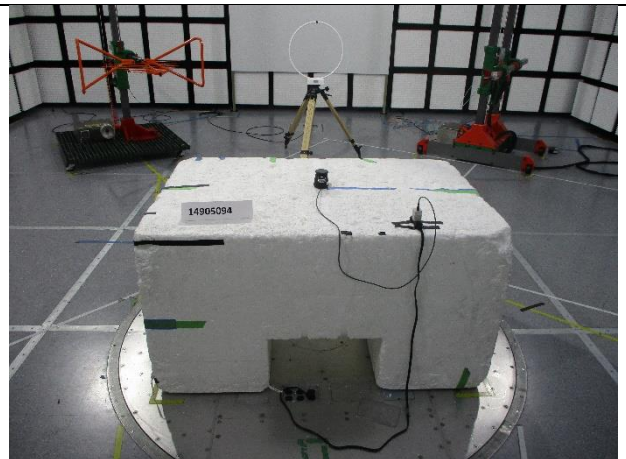


BELOW 30 MHz (BACK)

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

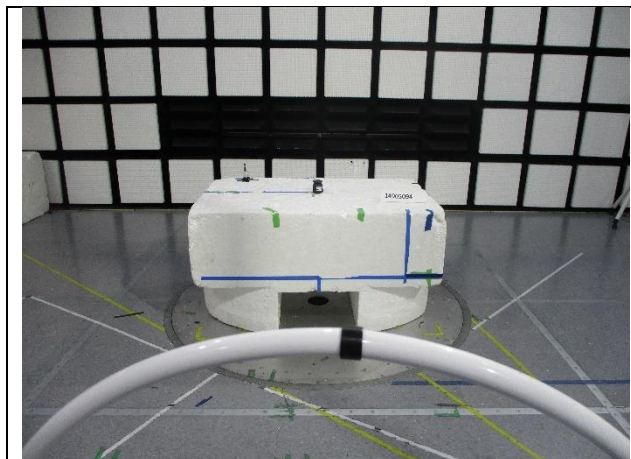


BELOW 30 MHz (FRONT)

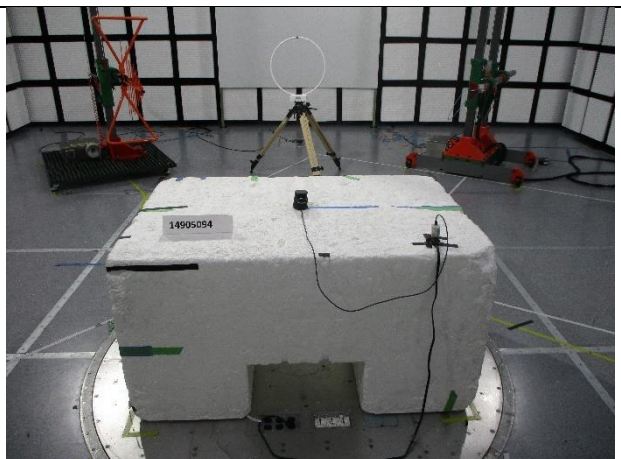


BELOW 30 MHz (BACK)

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

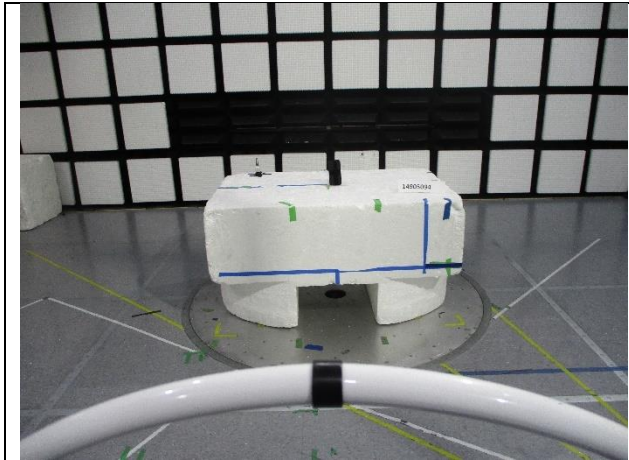


BELOW 30 MHz (FRONT)

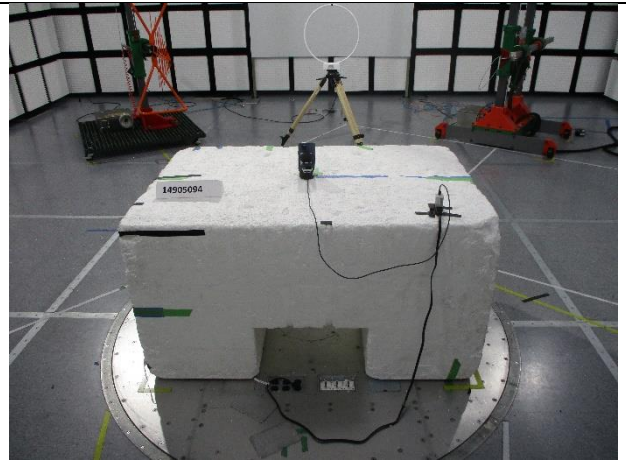


BELOW 30 MHz (BACK)

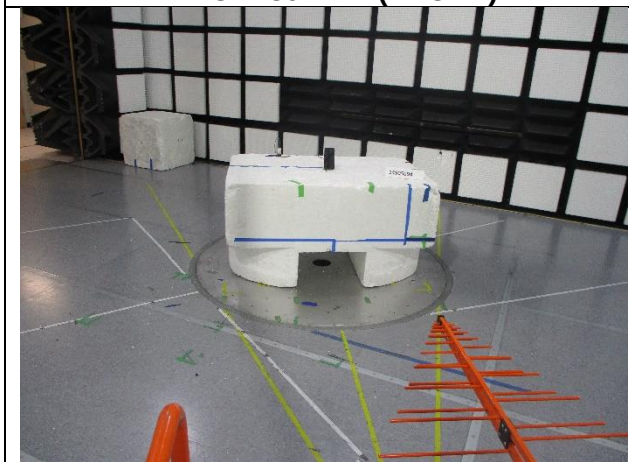
2.3.7. CONFIGURATION 7: OPERATING MODE WITH iPhone (360kHz) + Apple Watch (1.778MHz)



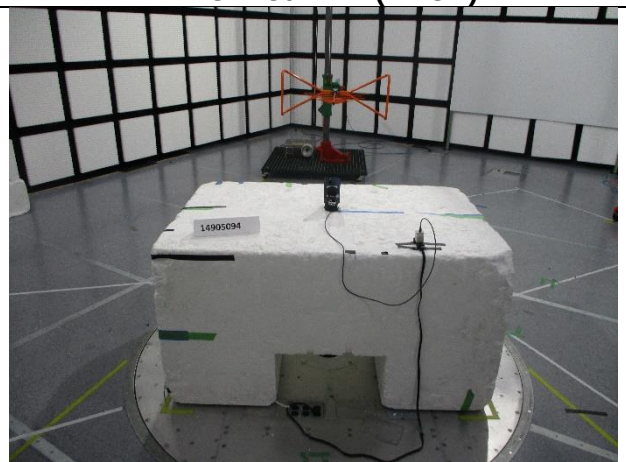
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

3. RF EXPOSURE (14905094-E2 Report)

3.1. DESCRIPTION OF TEST SETUP

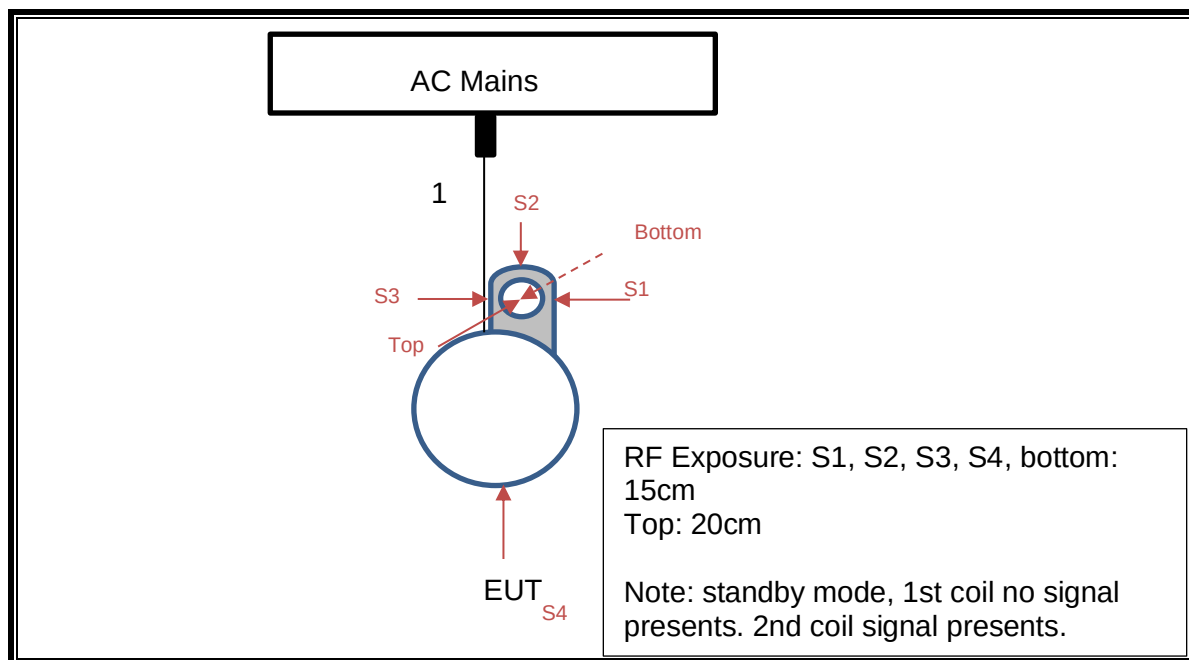
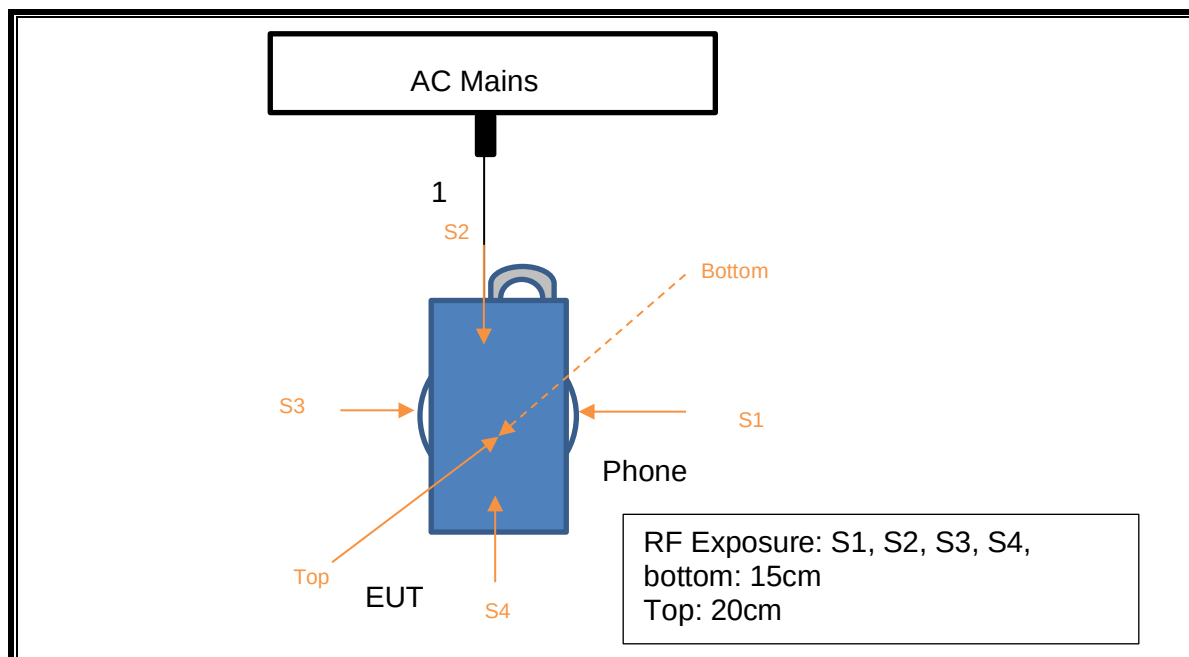
SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
AC/DC Adapter		Belkin	S1C030A	S1#3-24		DoC
iPhone 12 (Golden color)		Apple	A2342	F2LFL6760D41		BCG-E3548A
iPhone 12 (Golden color)		Apple	A2342	F2LFKNTW0D41		BCG-E3548A
iPhone 12 (Golden color)		Apple	A2342	F2LFKP3R0D41		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	TF7MKCXC9Q		BCG-A2474
Apple Watch Series 7		Apple	A2474	WNX9JYCXXH		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	-

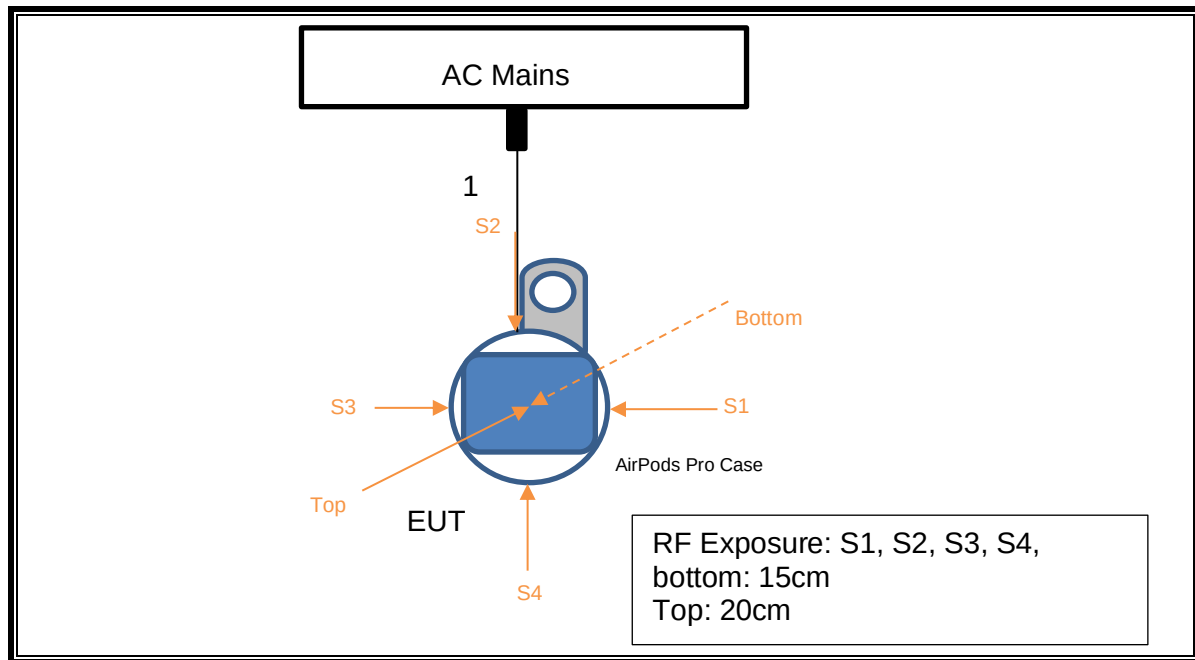
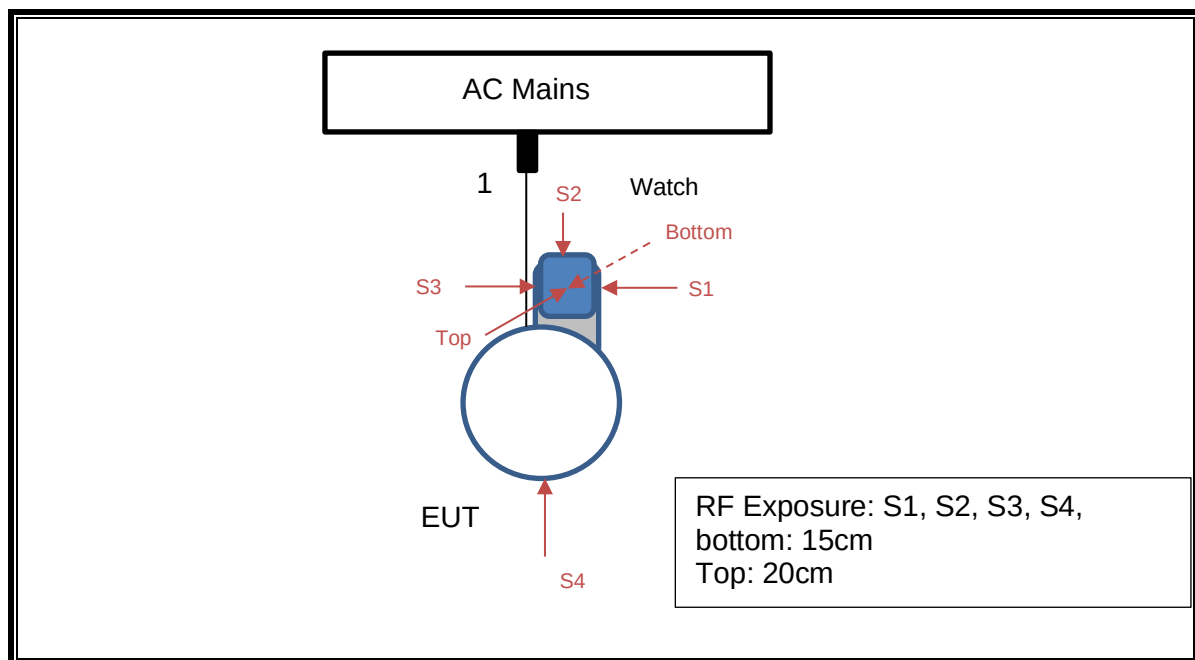
Note: All those support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

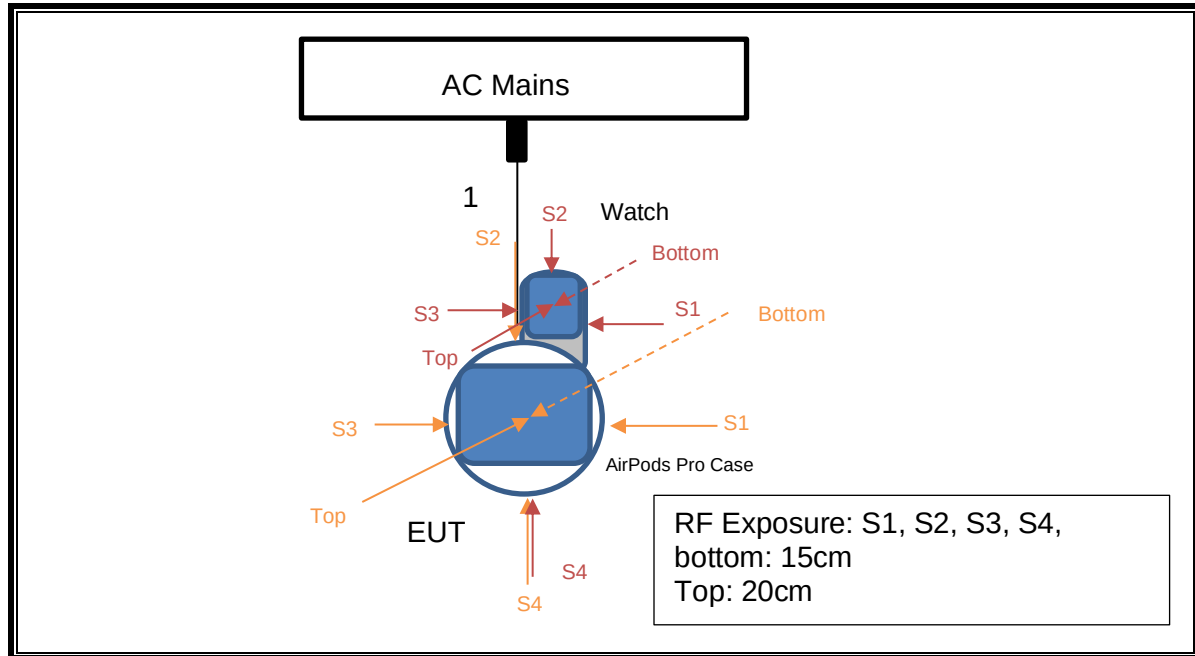
MEASUREMENT SETUP

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



S1



S2



S3



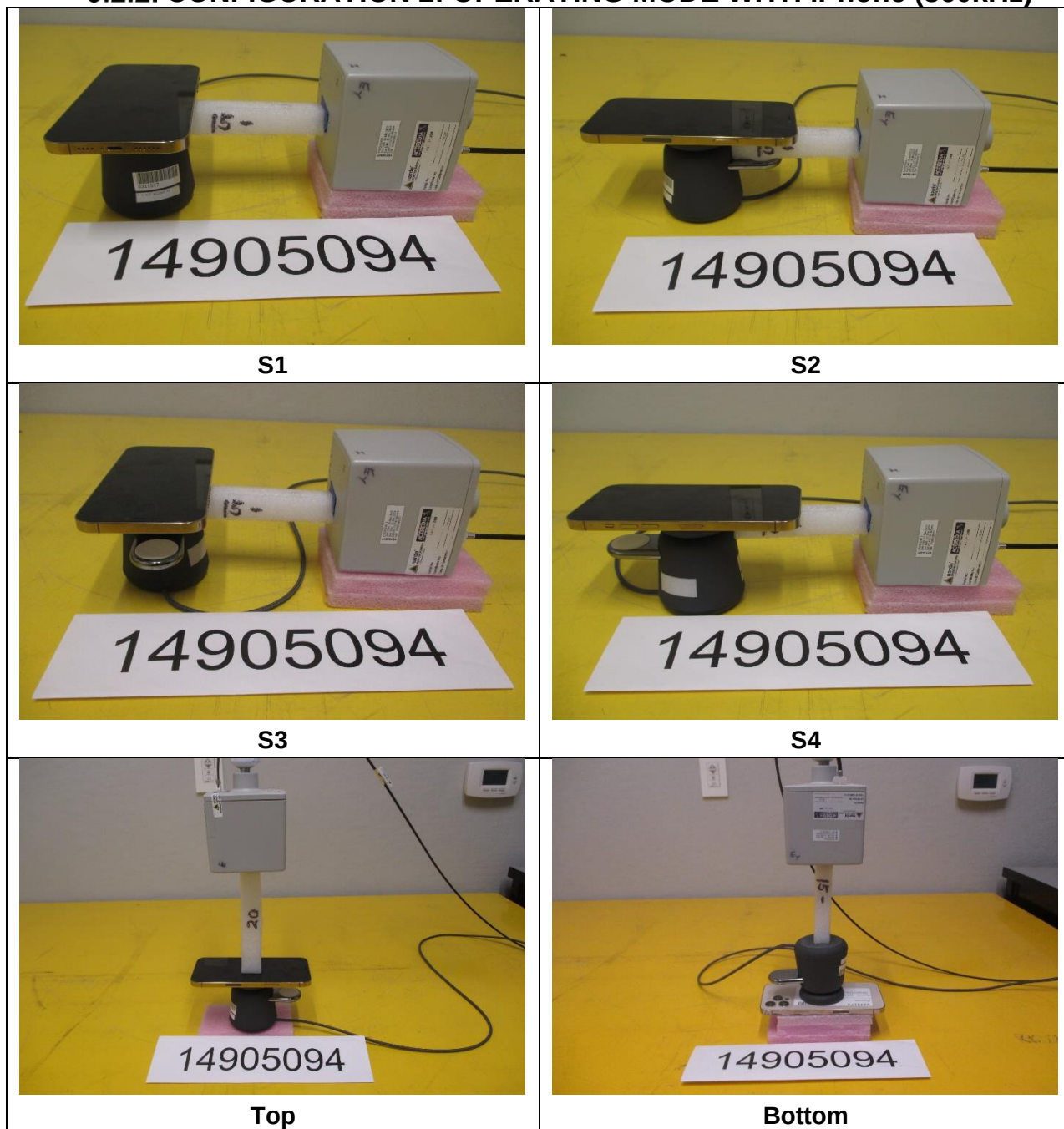
S4



Top



Bottom

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

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



S1



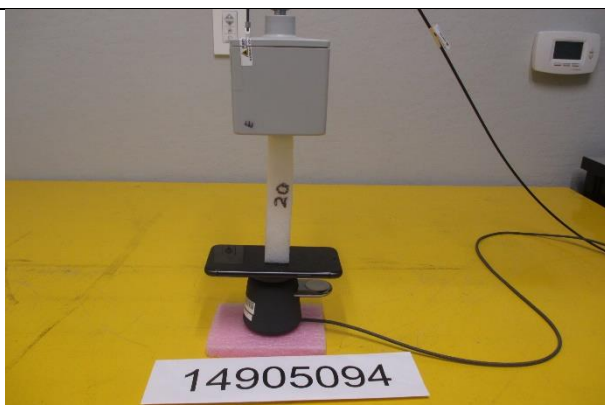
S2



S3



S4

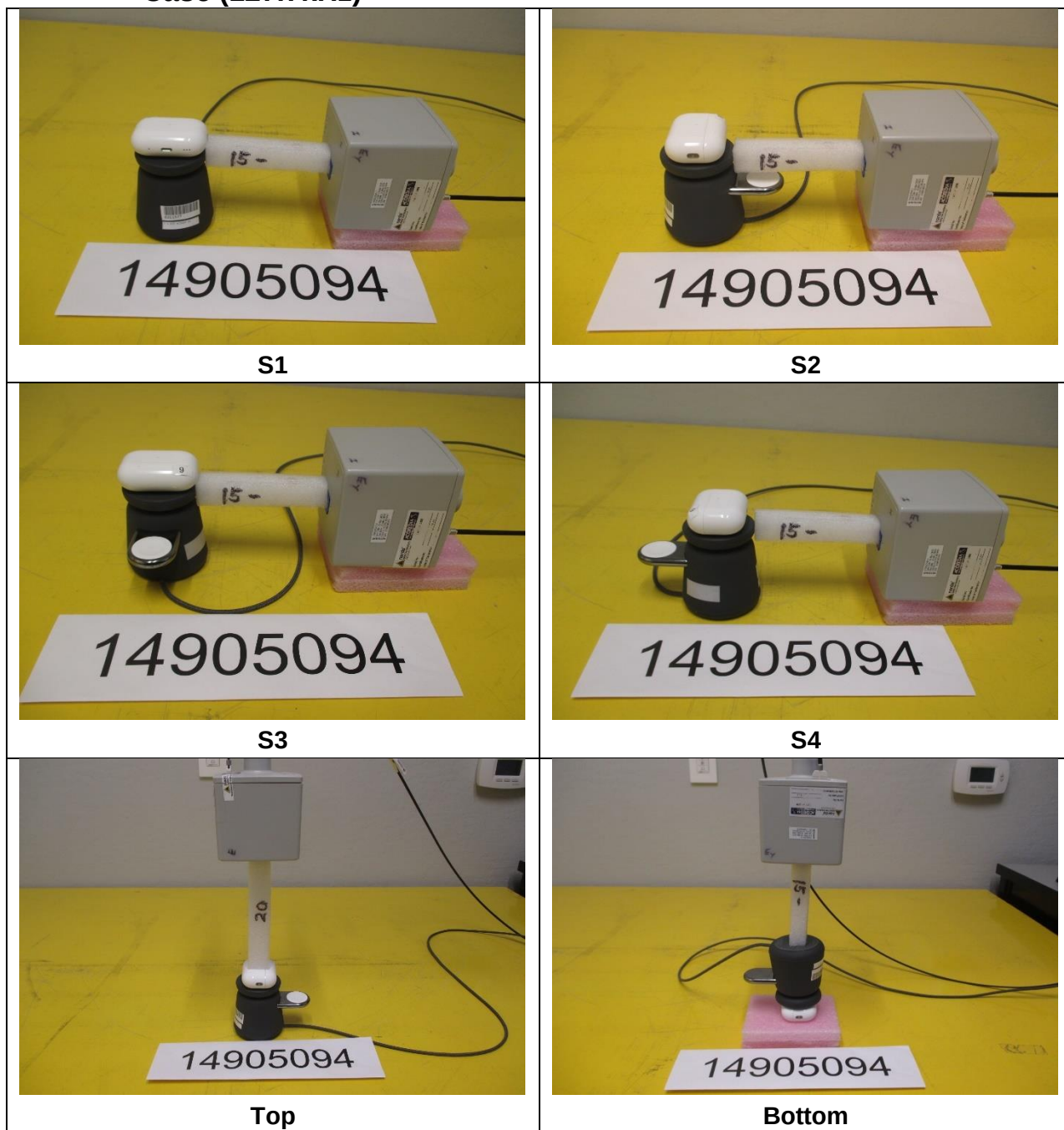


Top

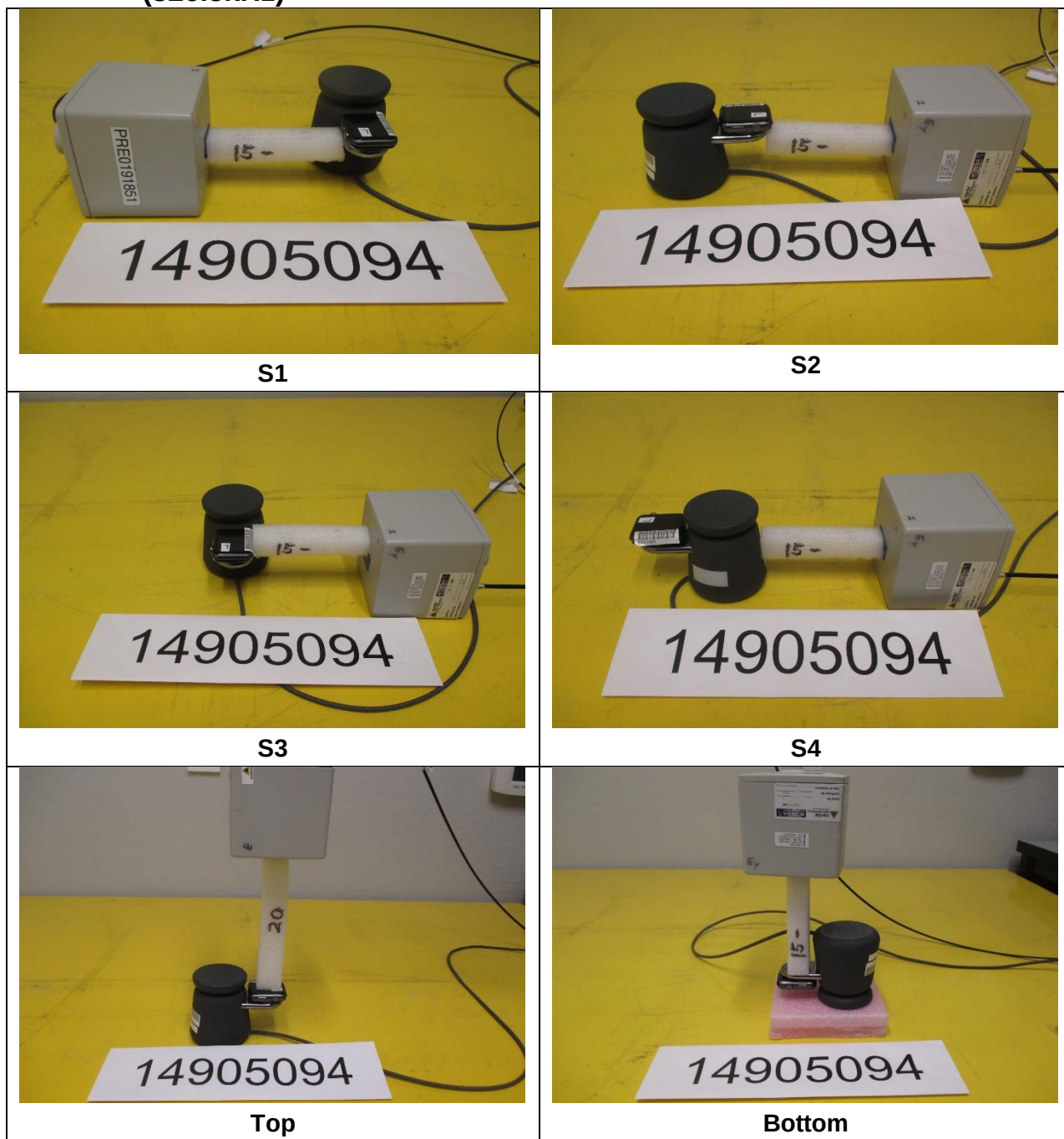


Bottom

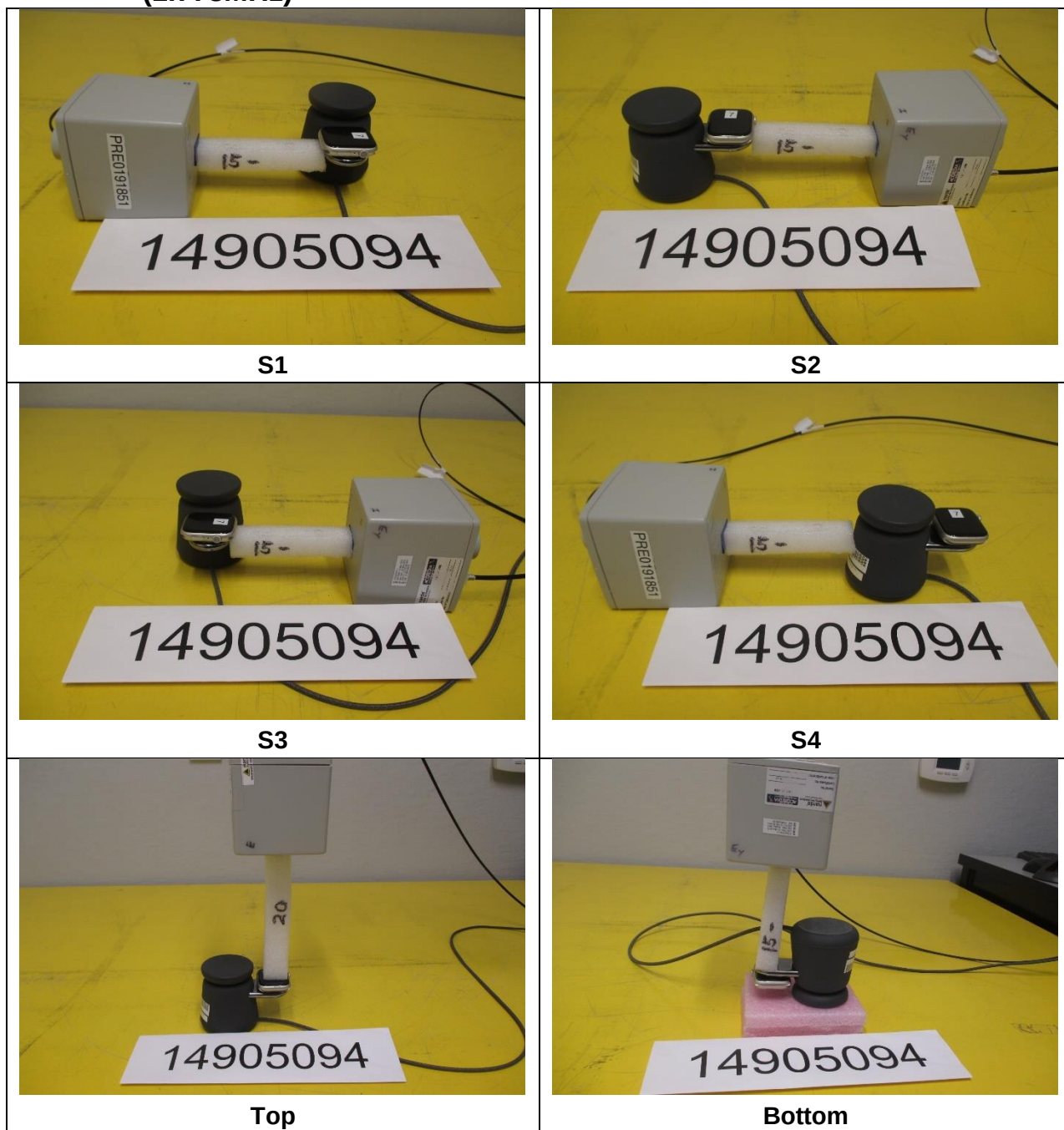
3.2.4. CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



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

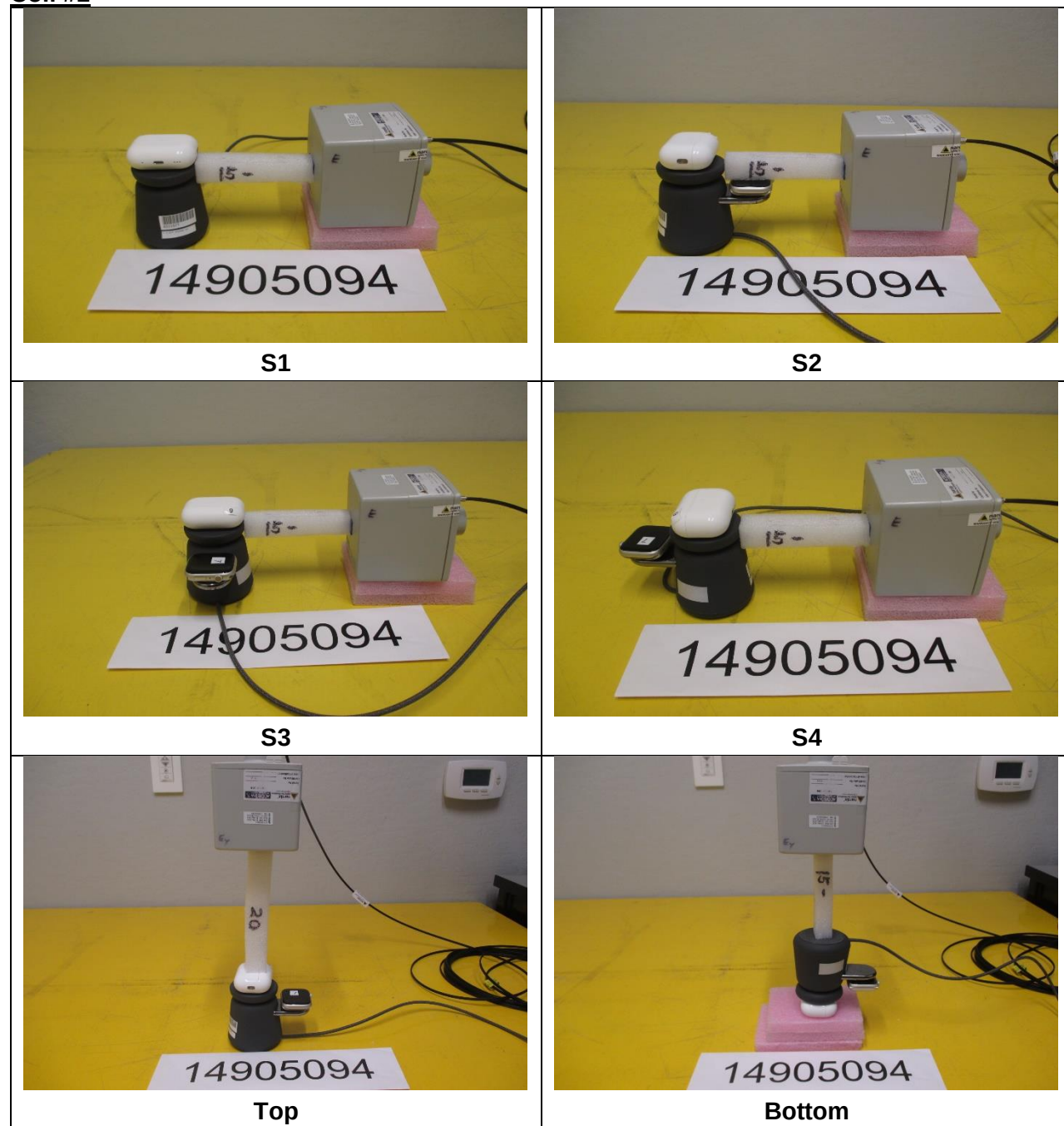


3.2.6. CONFIGURATION 6: OPERATING MODE WITH Apple Watch (1.778MHz)



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

Coil #1



Coil #2**S1****S2****S3****S4****Top****Bottom****END OF REPORT**