

## Report Number: 15010475-EP1V1

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## 1. SCOPE

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

<b>Reports</b>
15010475-E1 FCC WPT Report
15010475-E2 FCC WPT RF Exposure Report

## 2. WPT TECHNOLOGY (15010475-E1 Report)

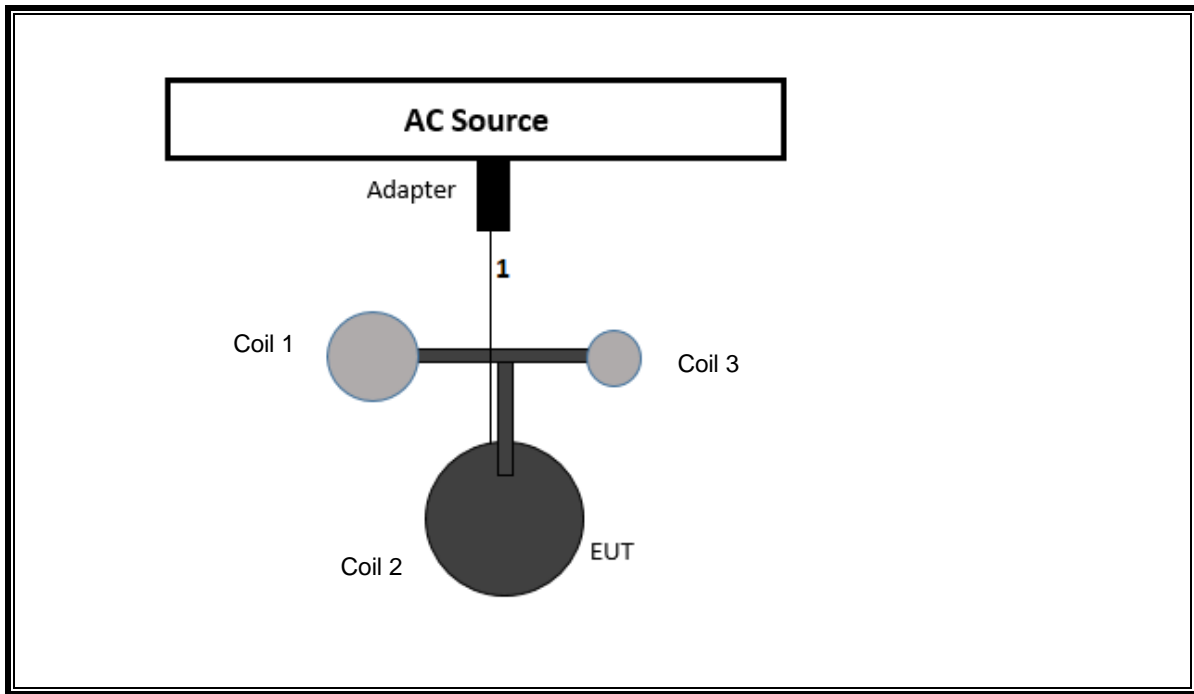
### 2.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
AC/DC Adapter	belkin	A732-150240C-US1	Not available	DoC		
iPhone 15 Pro (Grey)	Apple	A2848	KXX36L6R1P	BCG-E8435A		
iPhone 15 Pro (Navy Blue)	Apple	A2848	HGW9HV9K25	BCG-E8435A		
iPhone 15 Pro (Grey)	Apple	A2848	DW96RX9HLH	BCG-E8435A		
Legacy iPhone 11 Pro (grey)	Apple	A2161	FK1ZMDRGN70C	BCG-E3306A		
Legacy iPhone X (white)	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 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 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	-

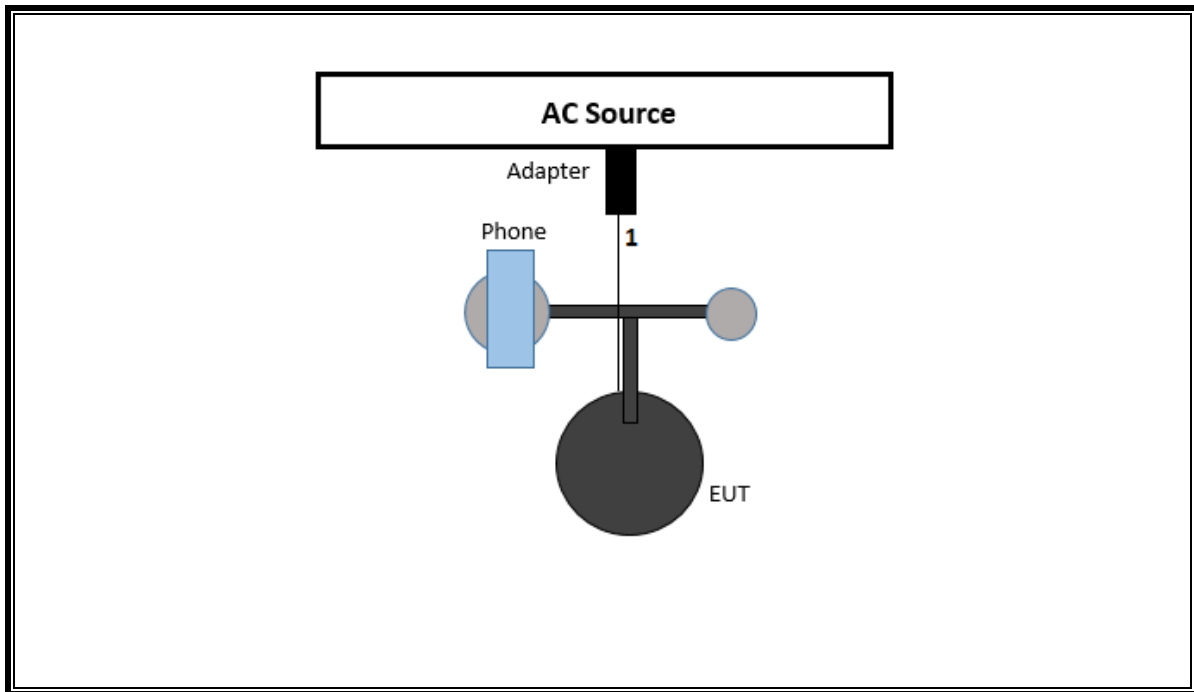
Note: Several units of support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

**TEST SETUP BLOCK DIAGRAM**

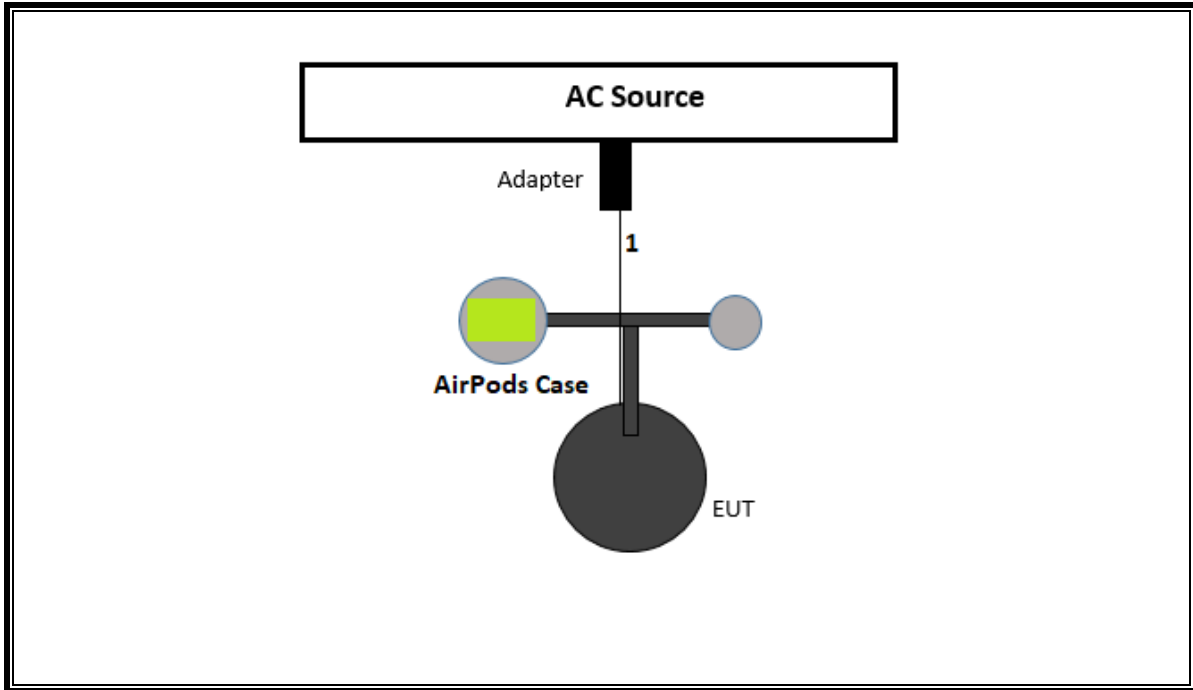
**CONFIGURATION 1: WPT ON STANDBY**



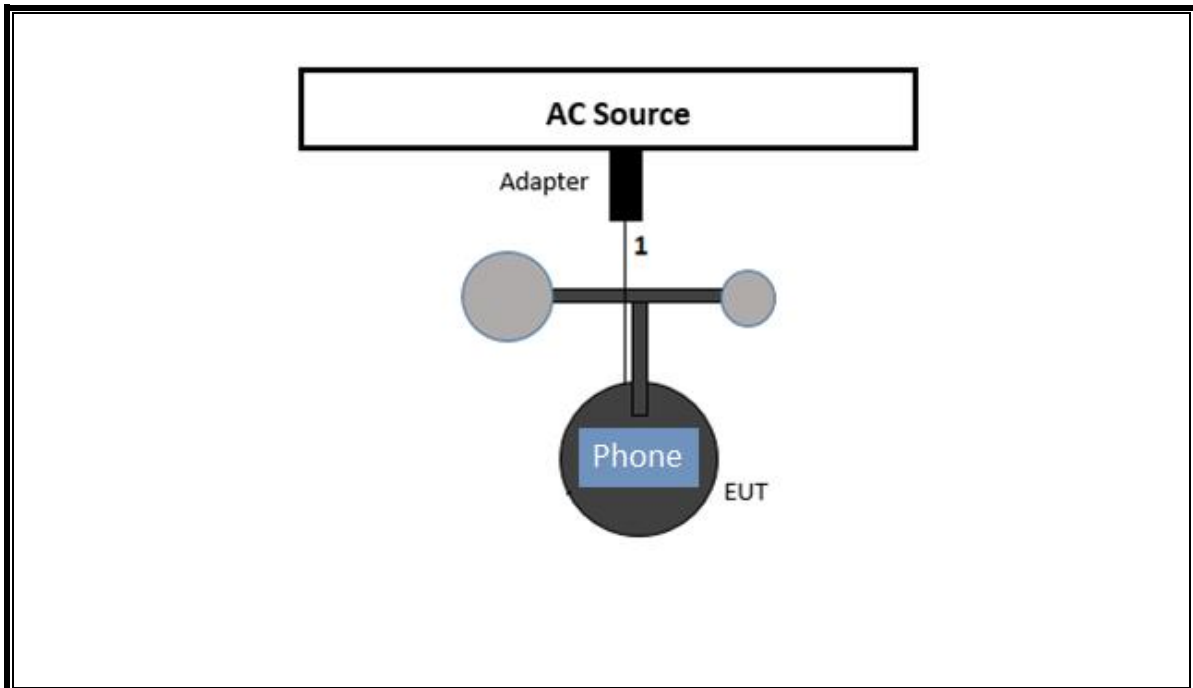
**CONFIGURATION 2/3: OPERATING MODE WITH PHONE**



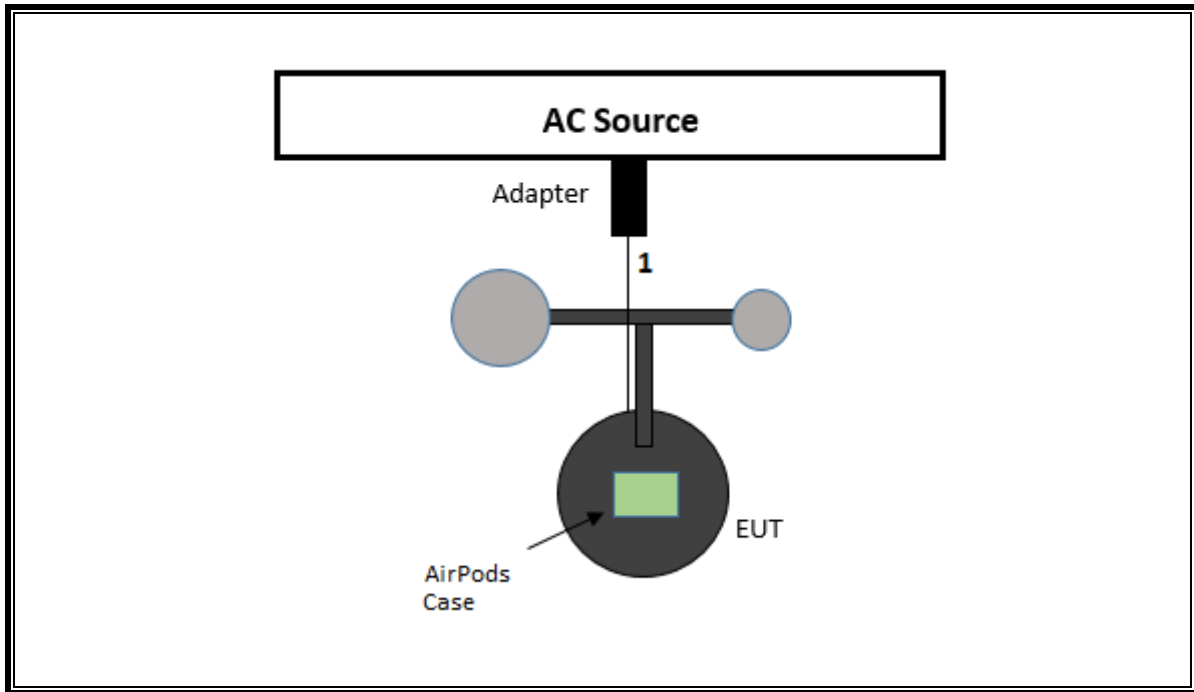
**CONFIGURATION 4: OPERATING MODE WITH AIRPODS PRO CASE**



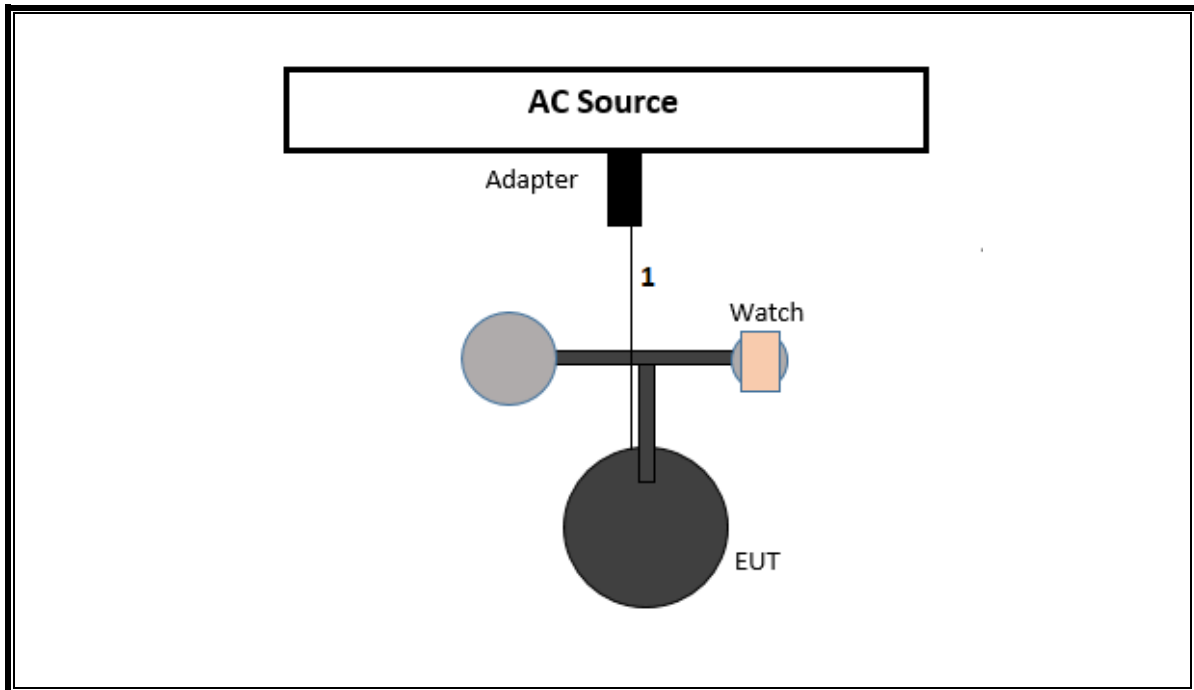
**CONFIGURATION 5: OPERATING MODE WITH PHONE**



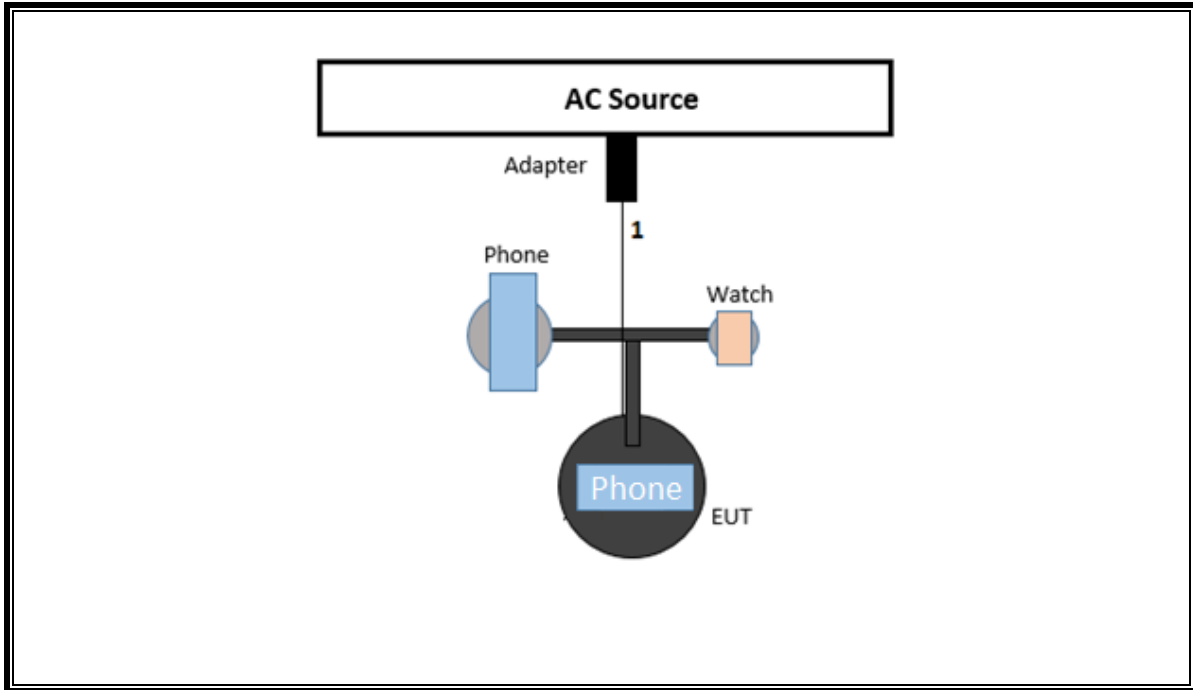
**CONFIGURATION 6: OPERATING MODE WITH AIRPODS PRO CASE**



**CONFIGURATION 7/8: OPERATING MODE WITH WATCH**

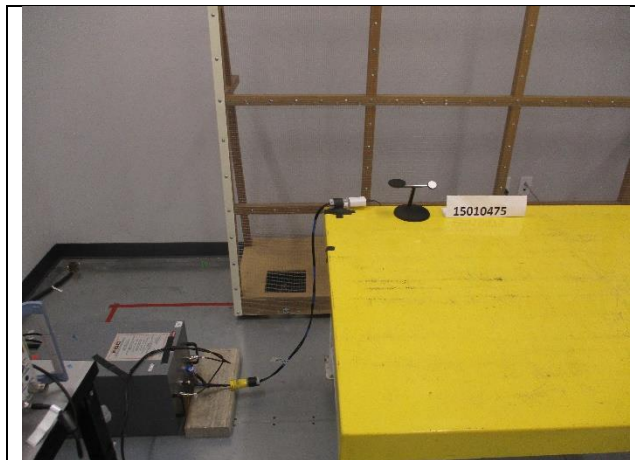


**CONFIGURATION 9: OPERATING MODE WITH PHONE + PHONE+ WATCH**



## 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 9: OPERATING MODE WITH PHONE + PHONE+ WATCH



AC LINE CONDUCTED (FRONT)

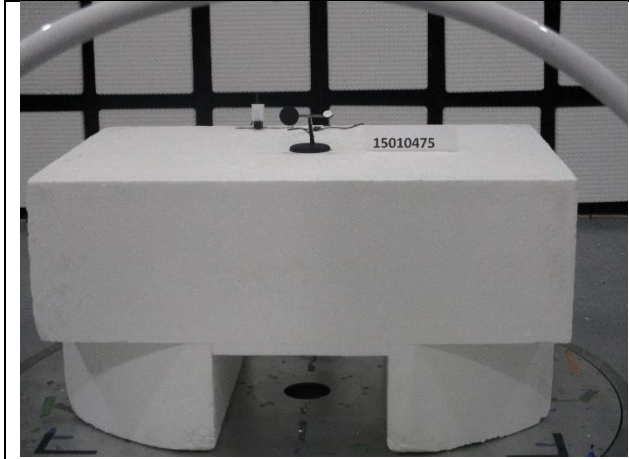


AC LINE CONDUCTED (BACK)

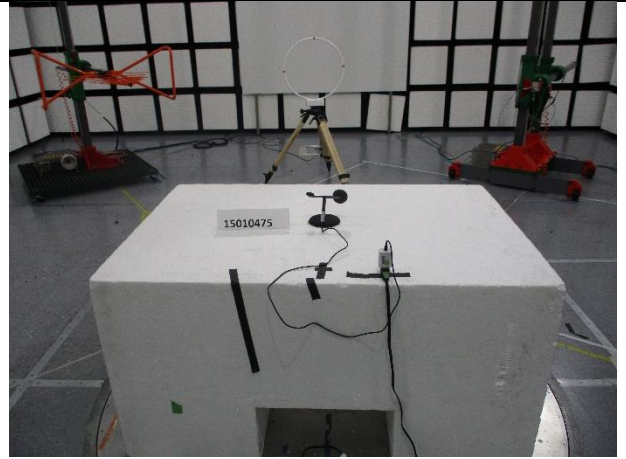


### 2.3. WPT RADIATED RF MEASUREMENT SETUP

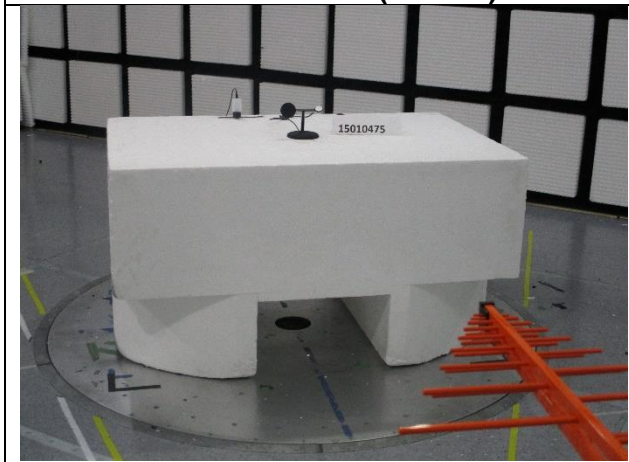
#### 2.3.1. CONFIGURATION 1: WPT ON STANDBY



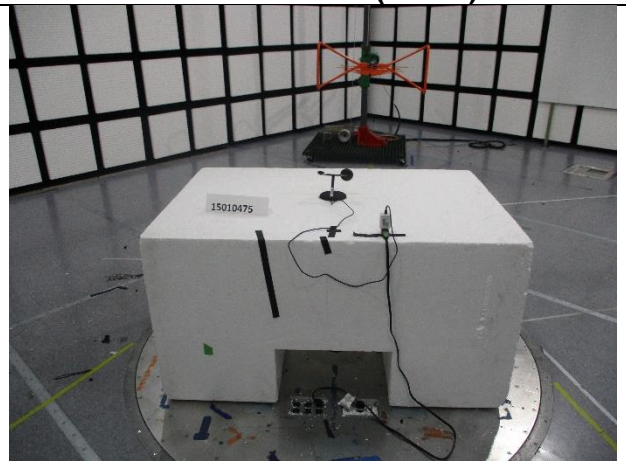
**BELOW 30 MHz (FRONT)**



**BELOW 30 MHz (BACK)**

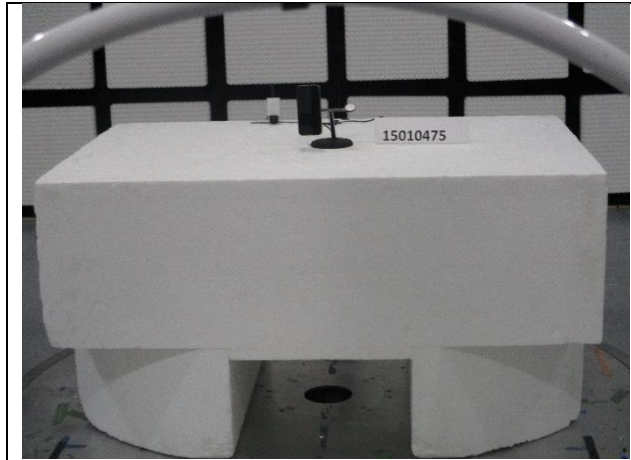


**BELOW 1GHz (FRONT)**

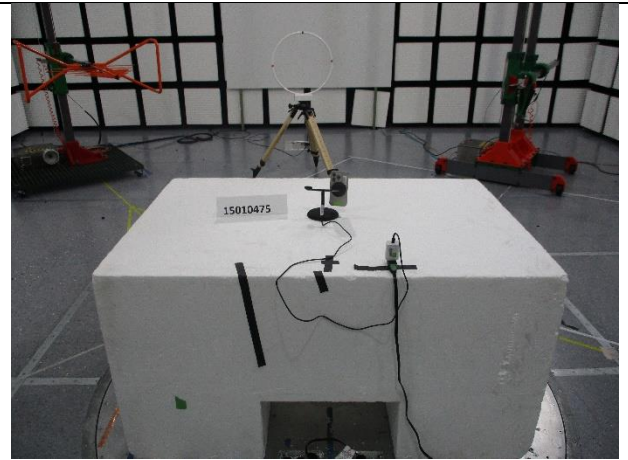


**BELOW 1GHz (BACK)**

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

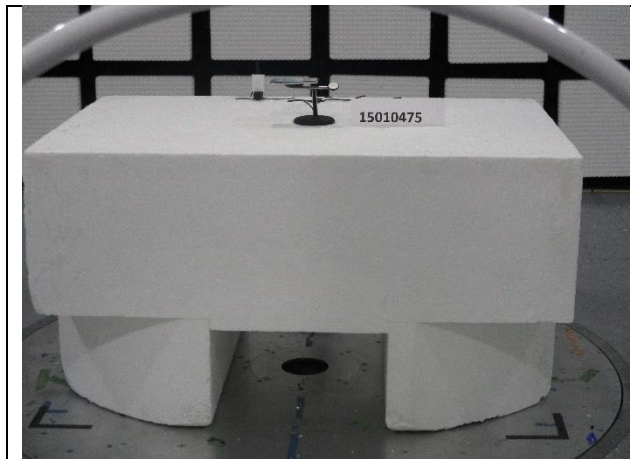


BELOW 30 MHz (FRONT)

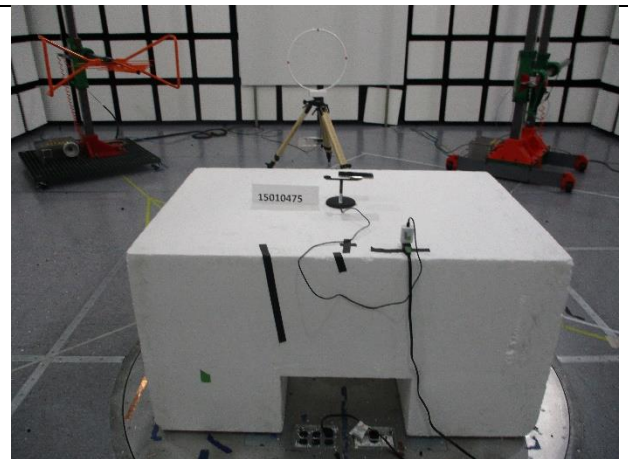


BELOW 30 MHz (BACK)

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

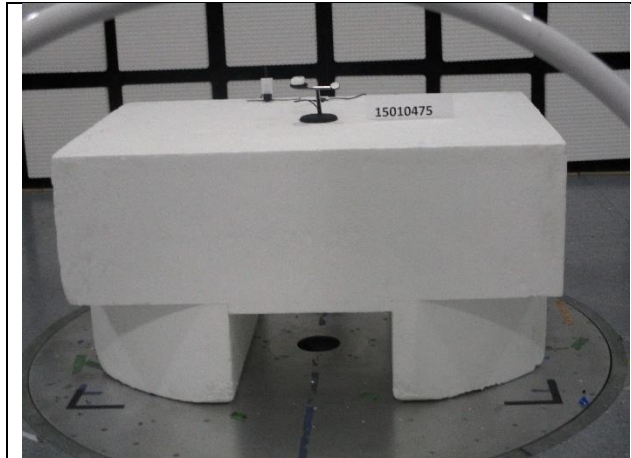


BELOW 30 MHz (FRONT)

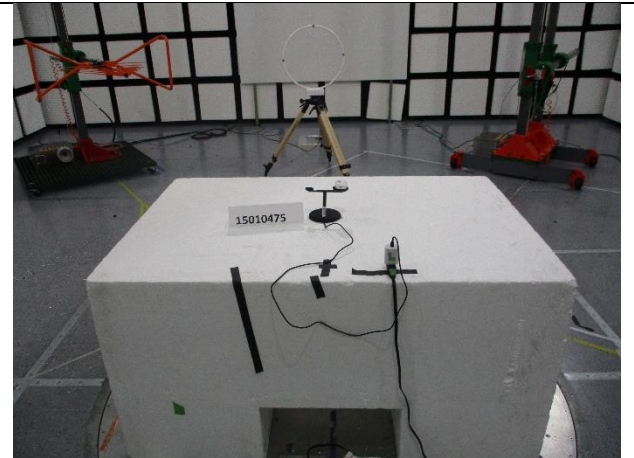


BELOW 30 MHz (BACK)

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

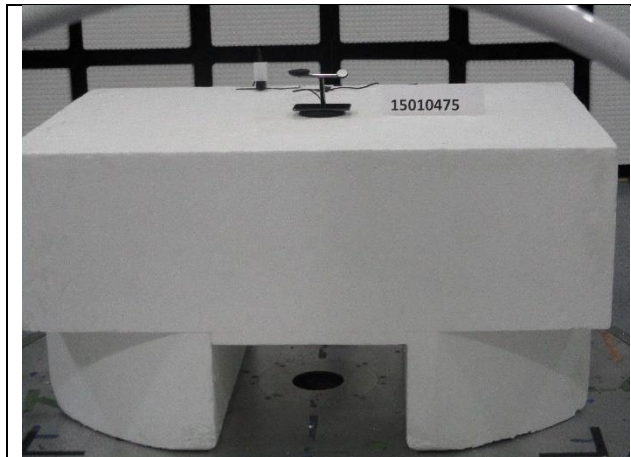


**BELOW 30 MHz (FRONT)**

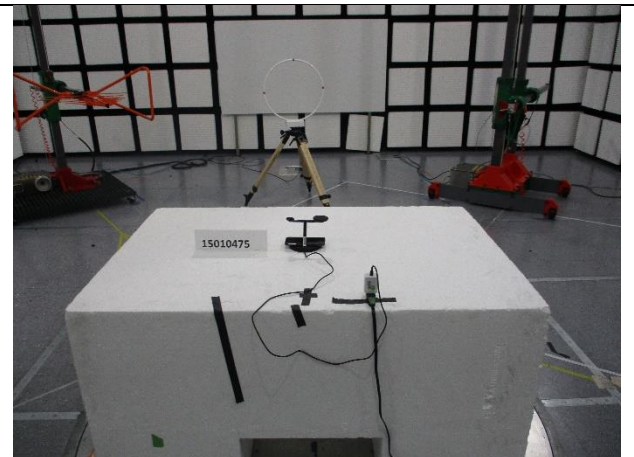


**BELOW 30 MHz (BACK)**

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



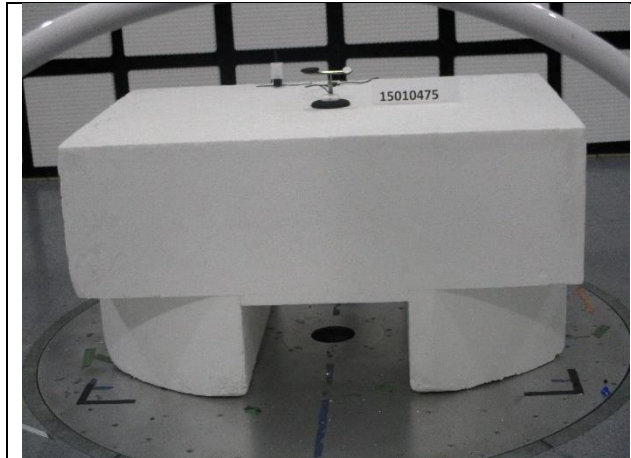
**BELOW 30 MHz (FRONT)**



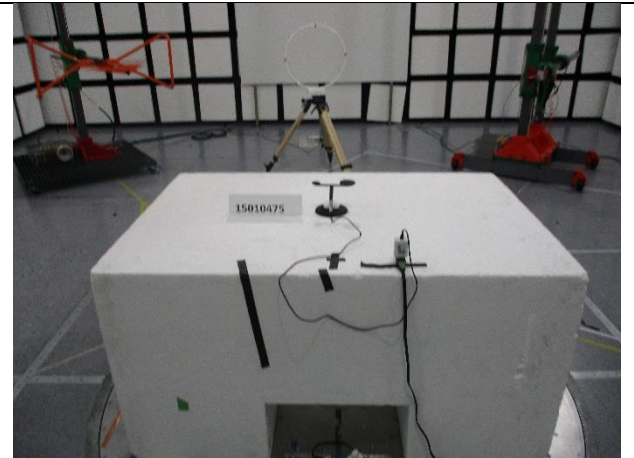
**BELOW 30 MHz (BACK)**



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

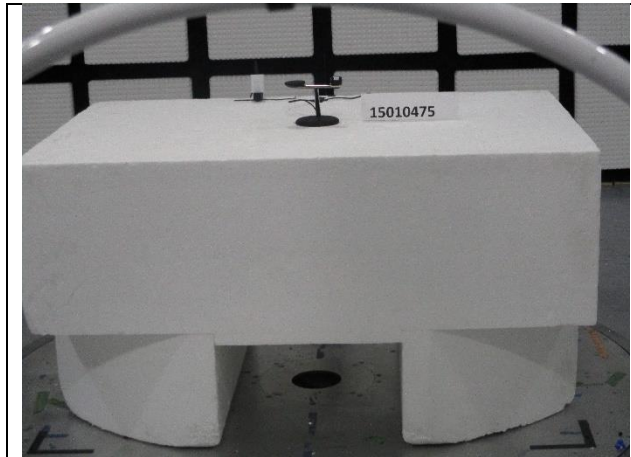


**BELOW 30 MHz (FRONT)**

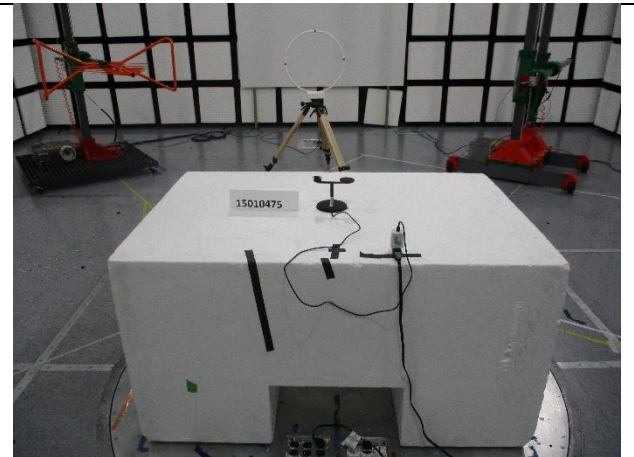


**BELOW 30 MHz (BACK)**

**2.3.7. CONFIGURATION 7: OPERATING MODE WITH Watch (326.5kHz)**

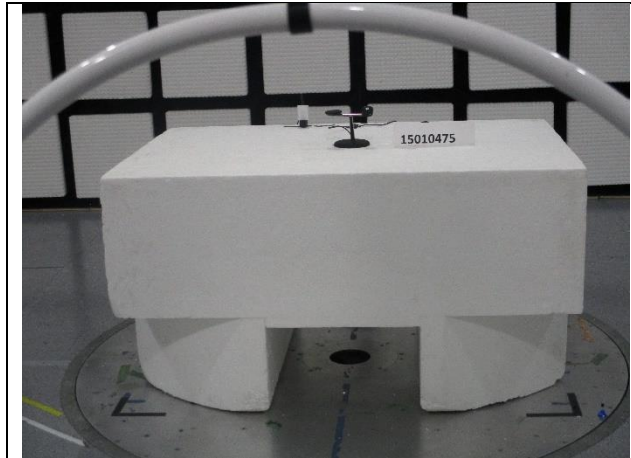


**BELOW 30 MHz (FRONT)**

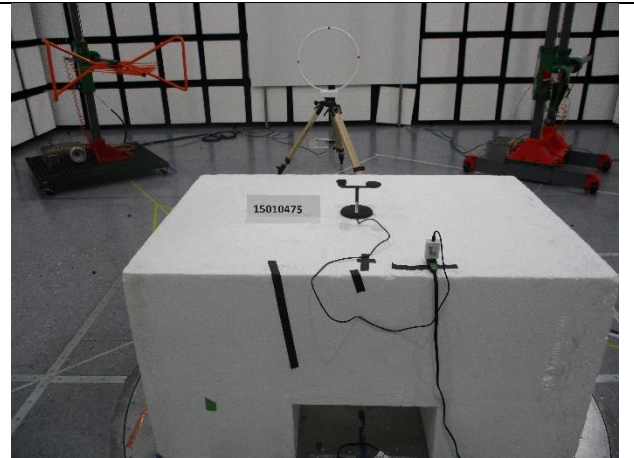


**BELOW 30 MHz (BACK)**

### 2.3.8. CONFIGURATION 8: OPERATING MODE WITH Watch (1.778MHz)

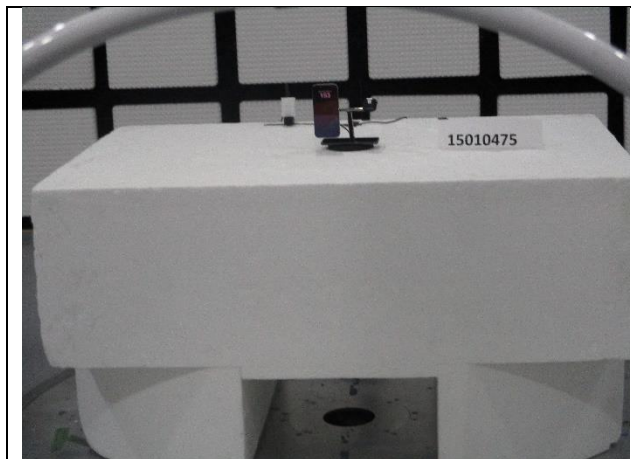


BELOW 30 MHz (FRONT)

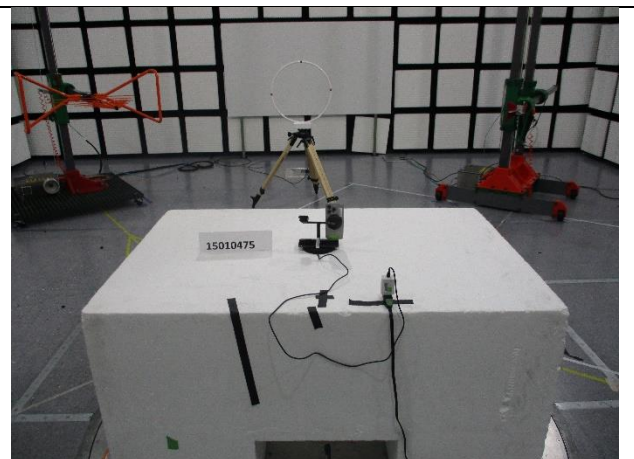


BELOW 30 MHz (BACK)

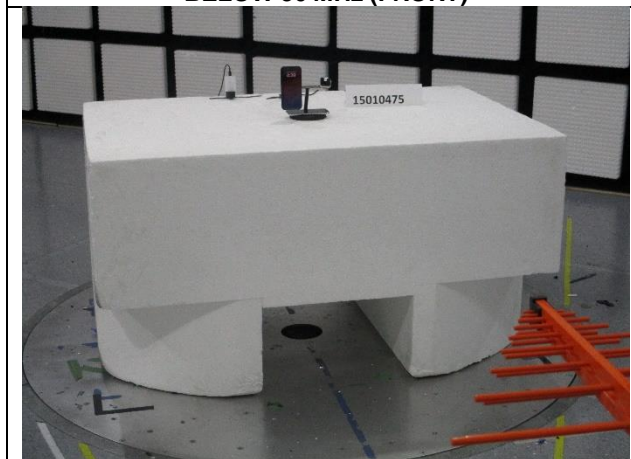
### 2.3.9. CONFIGURATION 9: OPERATING MODE WITH iPhone (360kHz) + iPhone (127.7kHz) + Watch (1.778MHz)



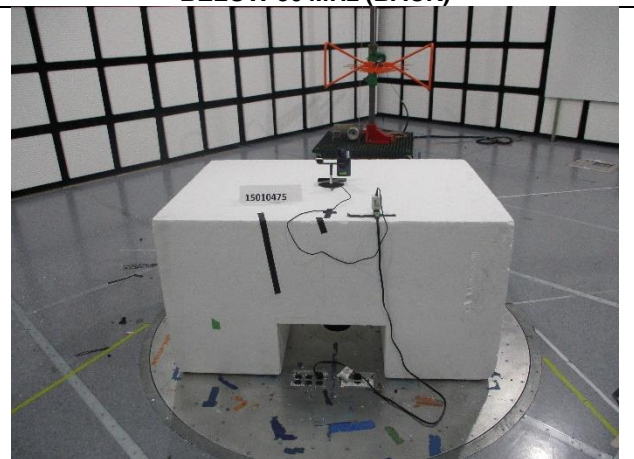
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

### 3. RF EXPOSURE (15010475-E2 Report)

#### 3.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
AC/DC Adapter	Belkin	A732-150240C-US1	Not available	DoC		
iPhone 14 Pro (black)	Apple	A2660	HKWX92F211	579C-E8140A		
iPhone 14 Pro (black)	Apple	A2660	JX7677Y77K	579C-E8140A		
iPhone 14 Pro (Purple)	Apple	A2660	J2GJYV7CK0	579C-E8140A		
Legacy iPhone 11 (black)	Apple	A2111	C6KZHK1XN72J	BCG-E3309A		
Legacy iPhone Xs (black)	Apple	A2101	G6TX9247KPH1	BCG-E3234A		
Legacy iPhone X (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 8	Apple	A2771	PK2XN19M39	BCG- A2771		
Apple Watch Series 8	Apple	A2771	H4WFWQH9LF	BCG- A2771		
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	-

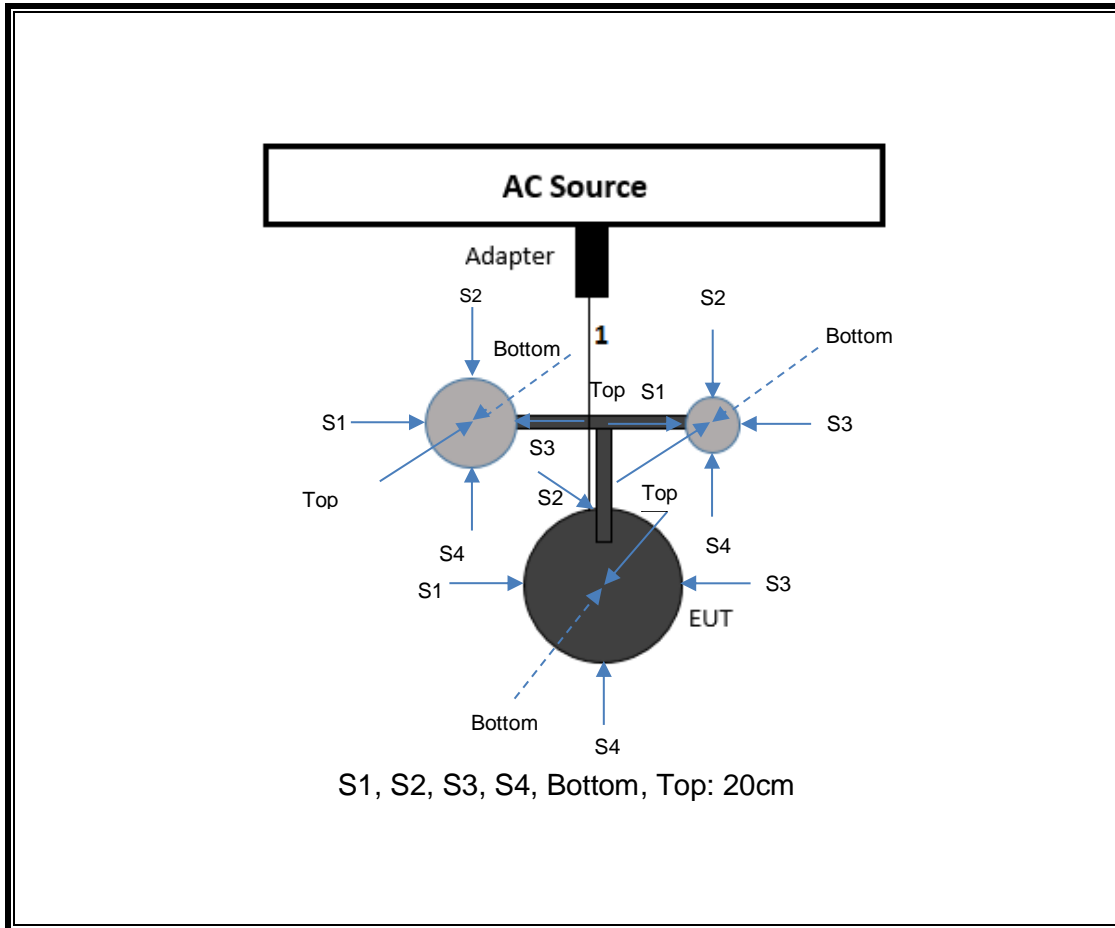
Note: Several units of support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

#### 3.2. MEASUREMENT SETUP

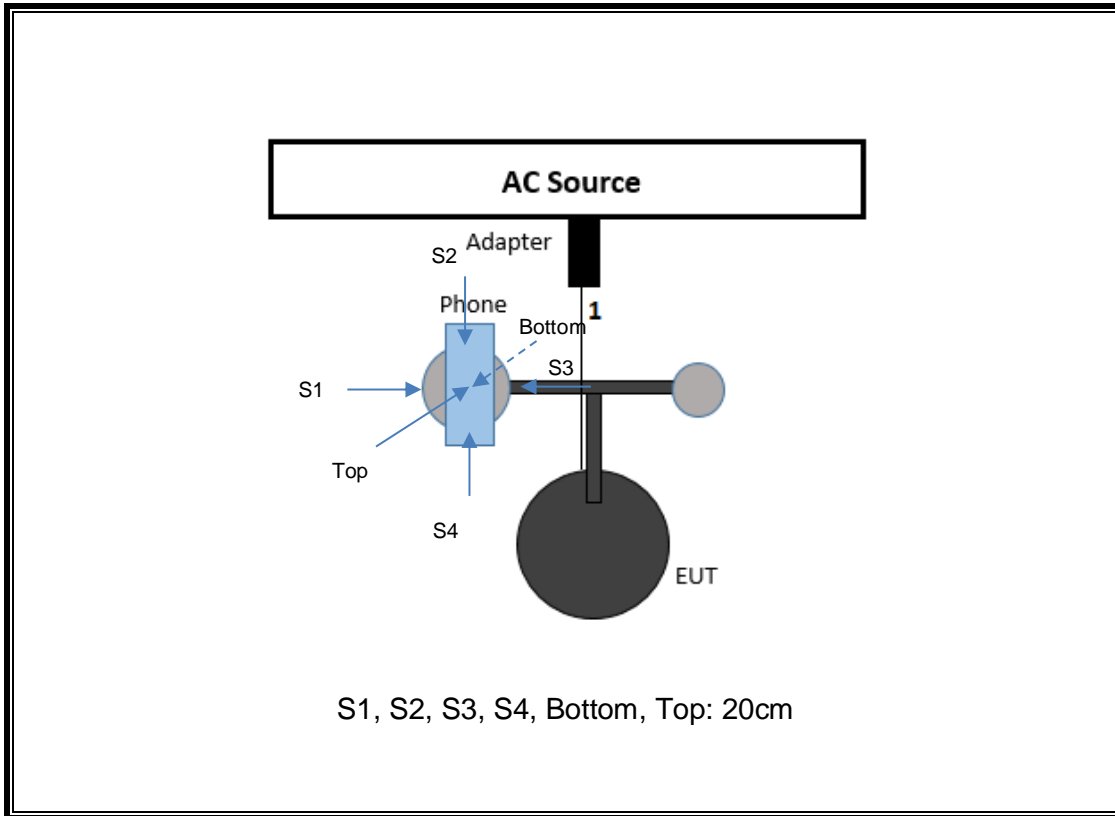
The measurements were taken using a probe placed 20 cm surrounding the device for all configurations on each individual coil per KDB 680106 D01.

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

**CONFIGURATION 1: STANDBY MODE**

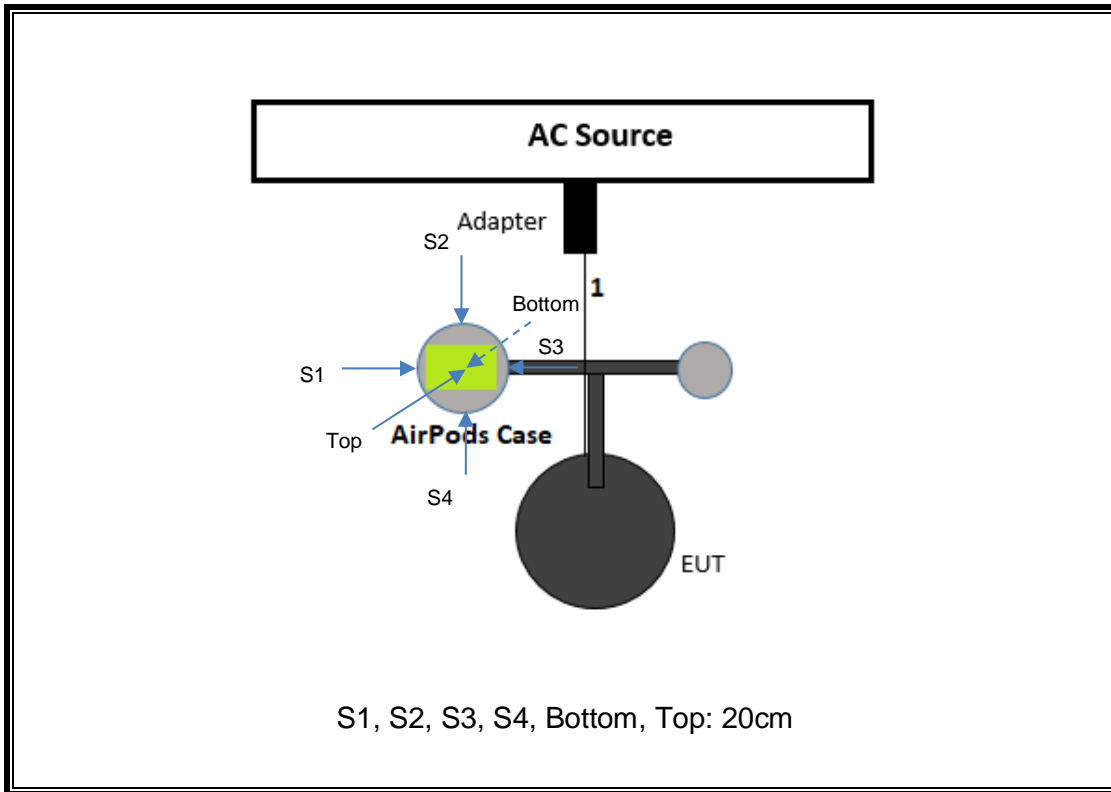


**CONFIGURATION 2/3: OPERATING MODE WITH iPhone**

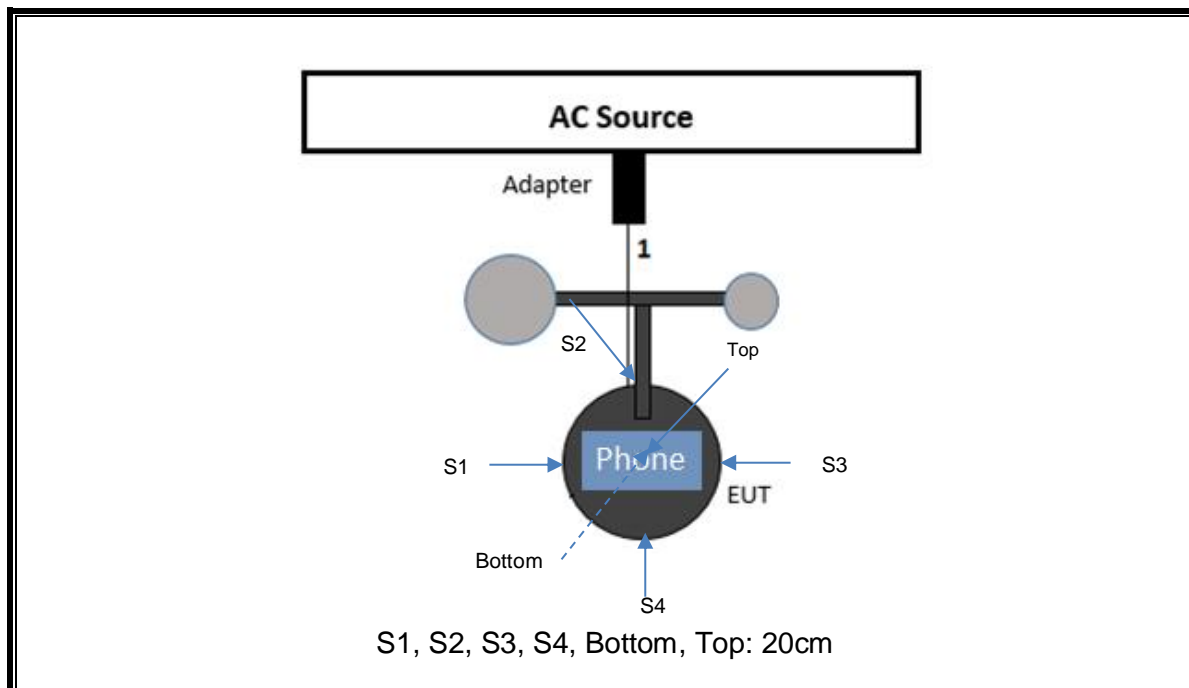




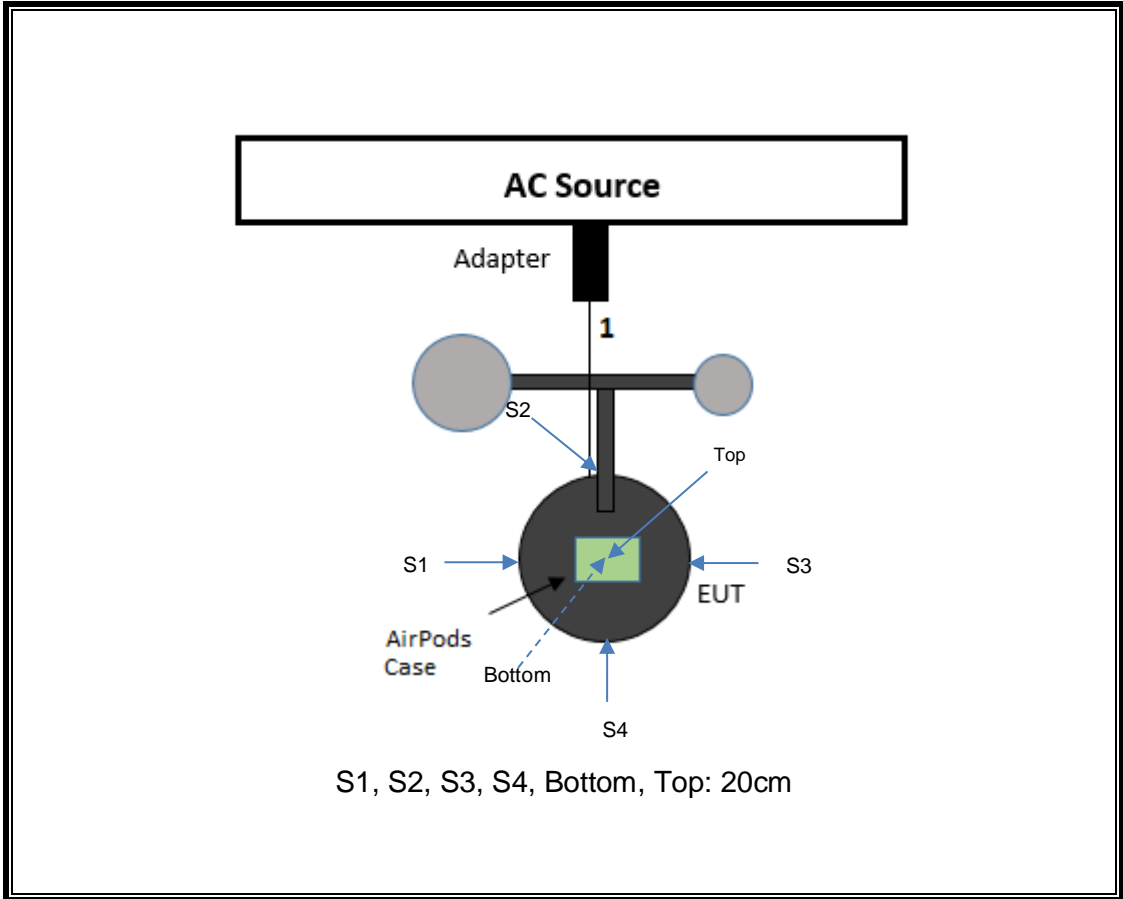
**CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case**



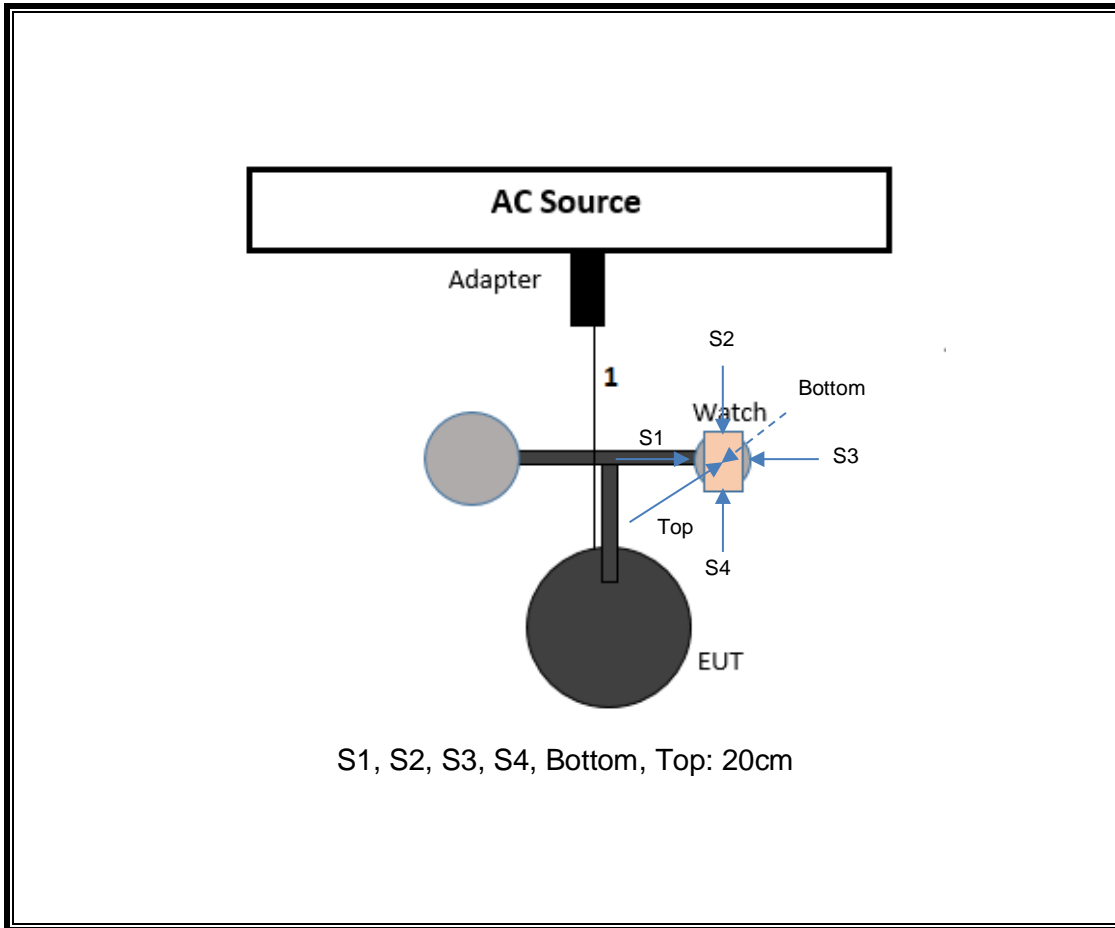
**CONFIGURATION 5: OPERATING MODE WITH iPhone**



**CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case**



**CONFIGURATION 7/8: OPERATING WITH Watch**

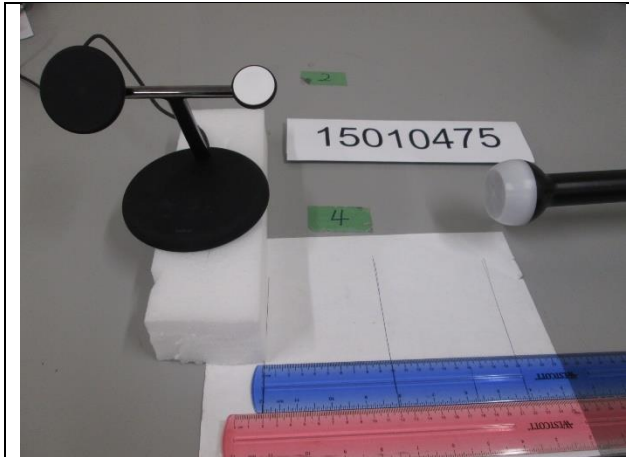




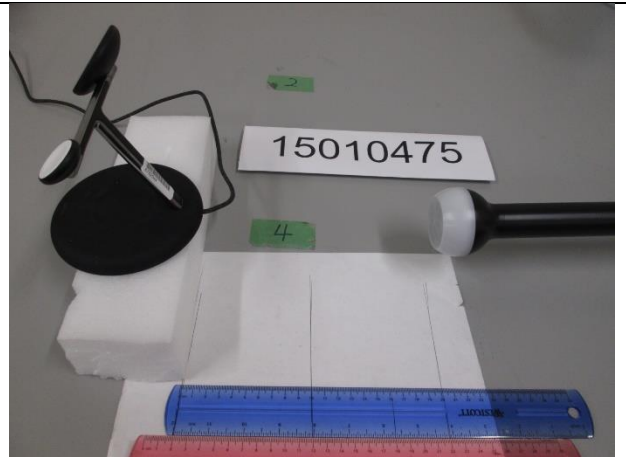
### 3.3. RF EXPOSURE SETUP PHOTO

#### 3.3.1. CONFIGURATION 1: WPT ON STANDBY

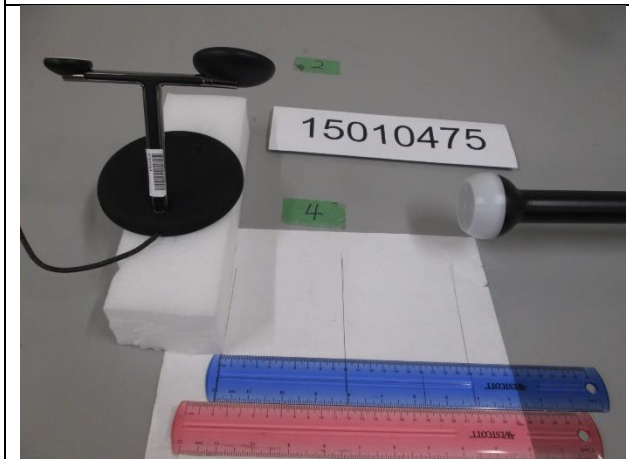
##### 111-148kHz Coil



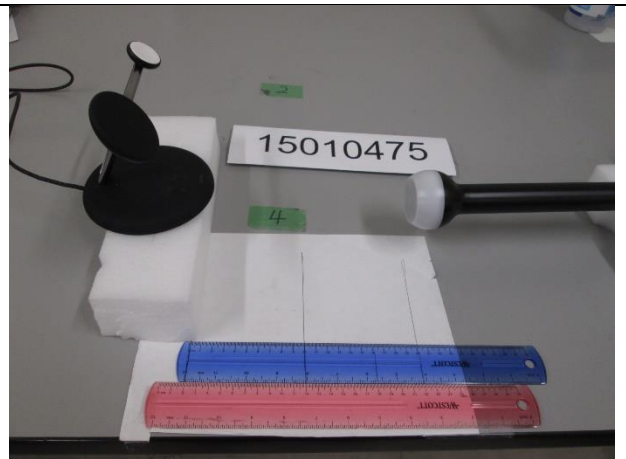
S1



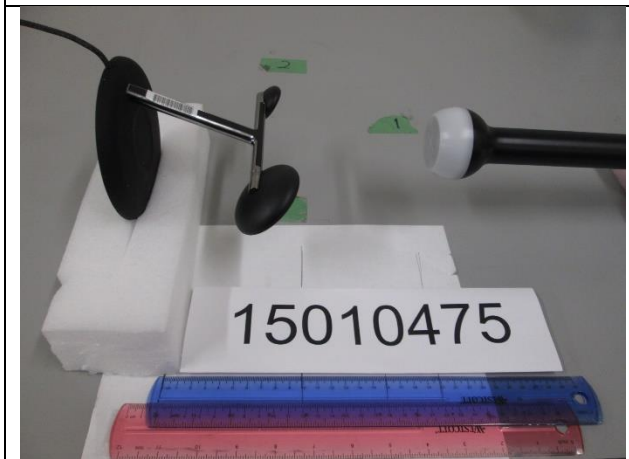
S2



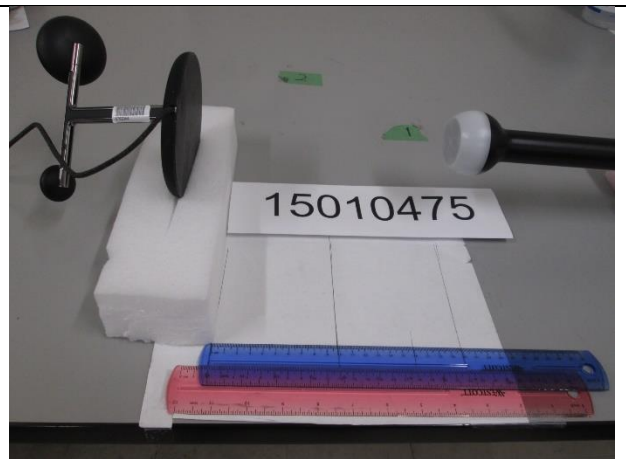
S3



S4

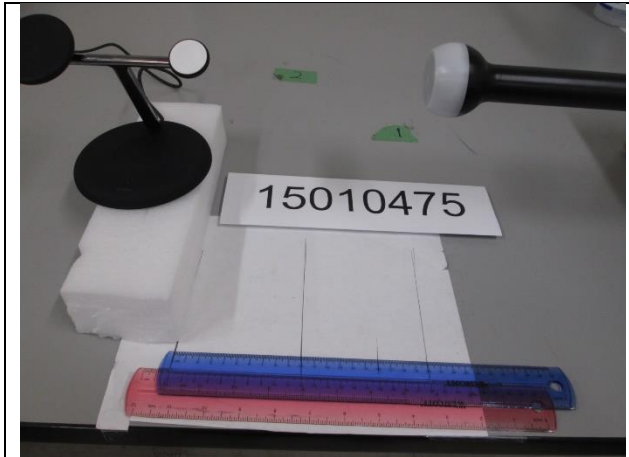


Top

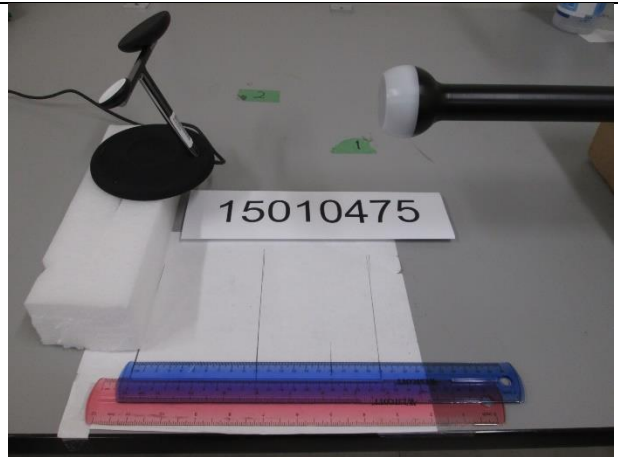


Bottom

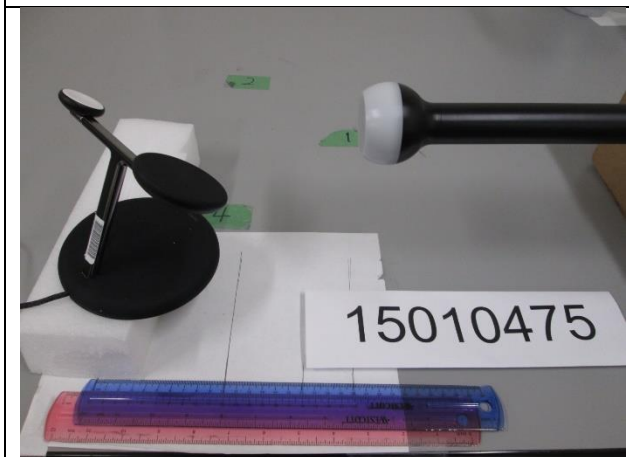
**326.5kHz Coil**



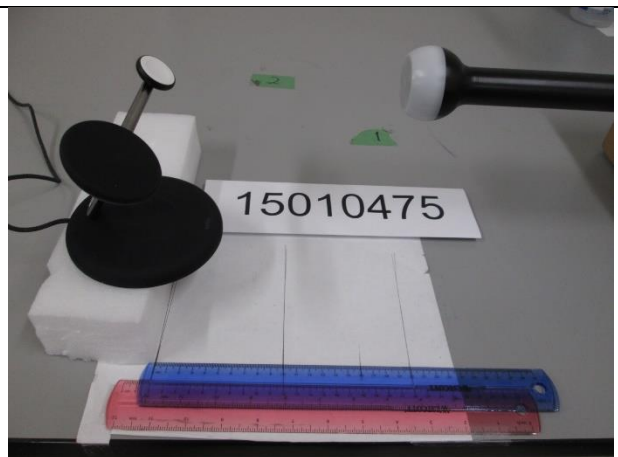
**S1**



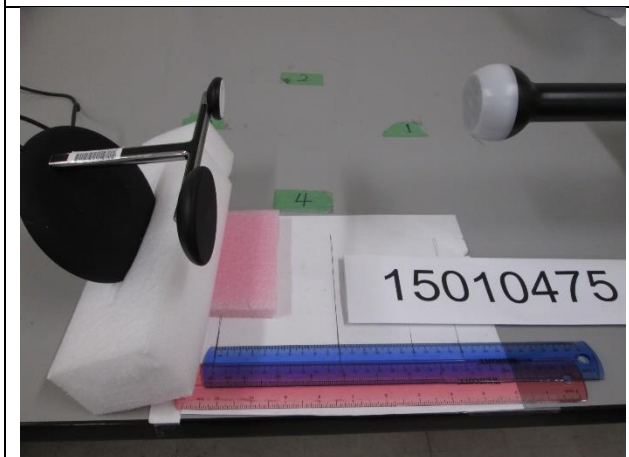
**S2**



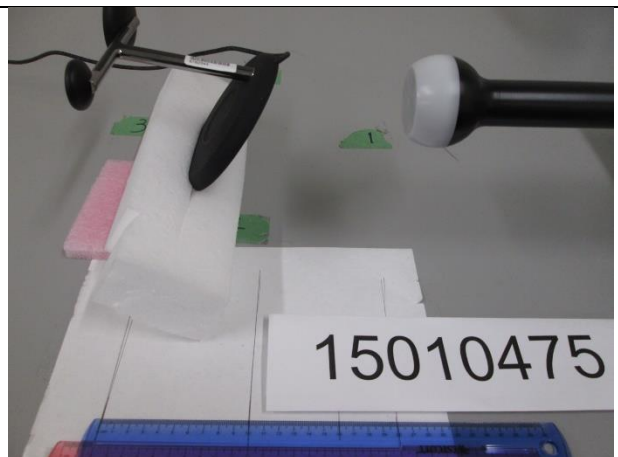
**S3**



**S4**



**Top**



**Bottom**

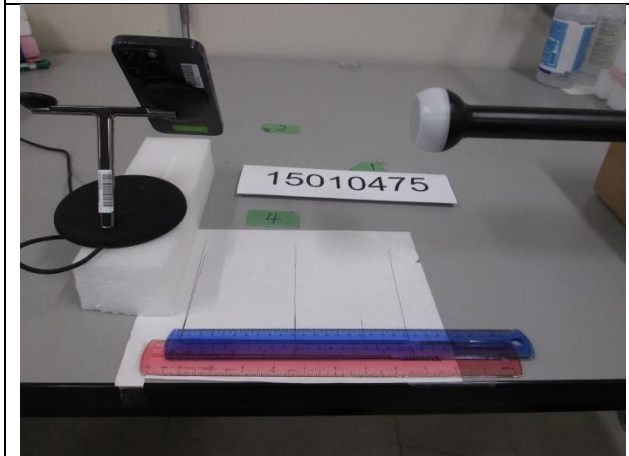
### 3.3.2. CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)



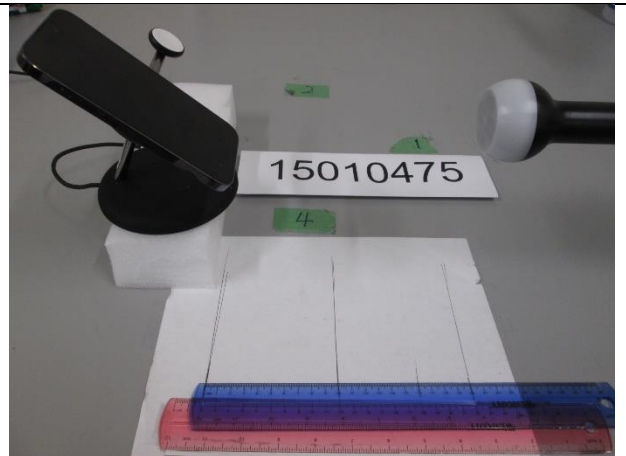
S1



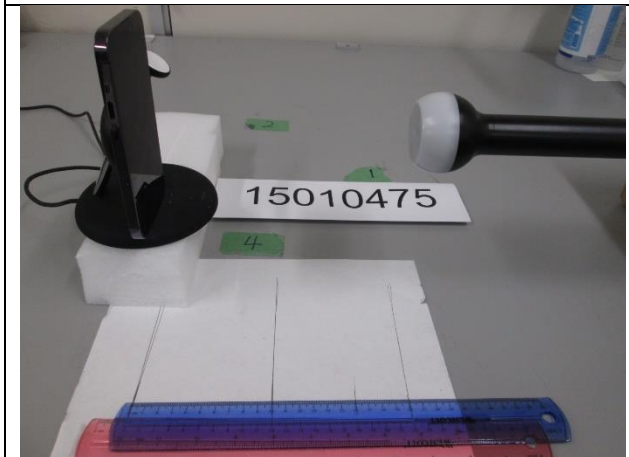
S2



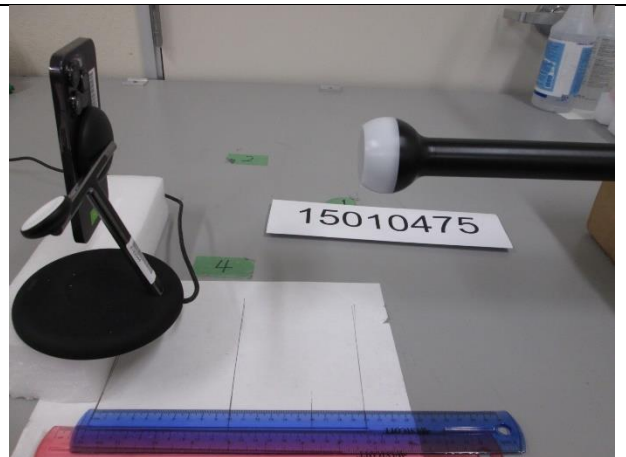
S3



S4



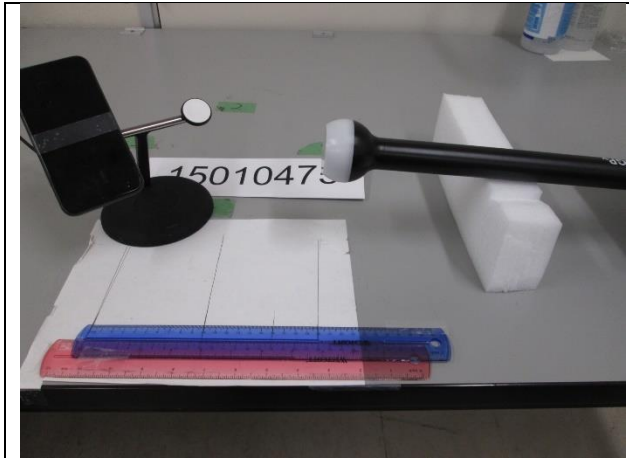
Top



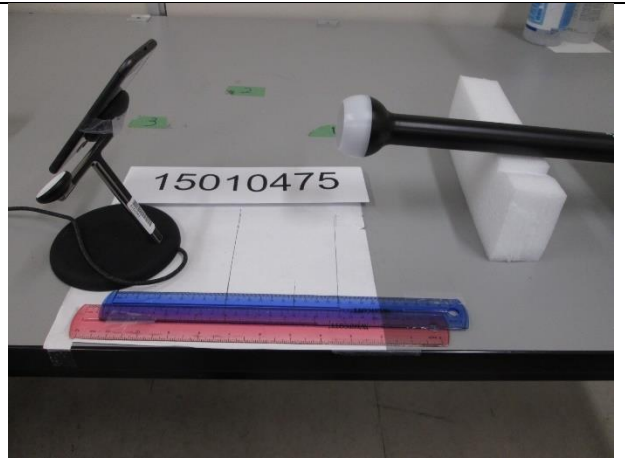
Bottom



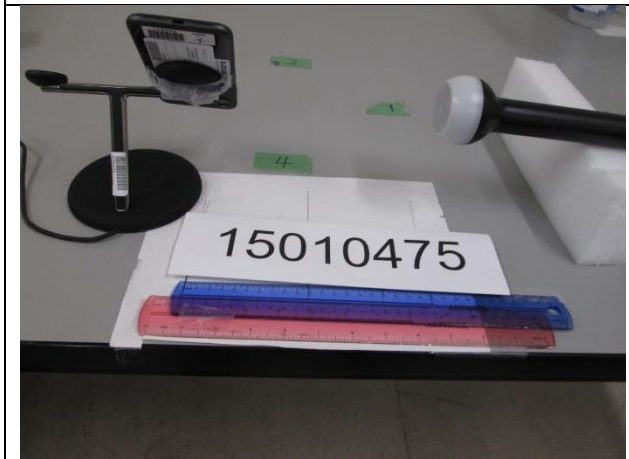
### 3.3.3. CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)



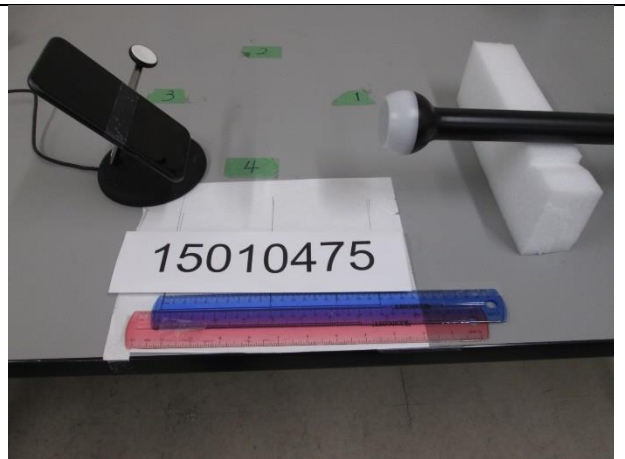
S1



S2



S3



S4



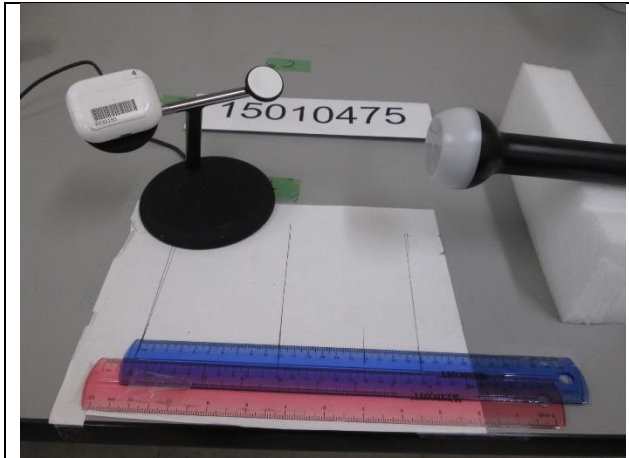
Top



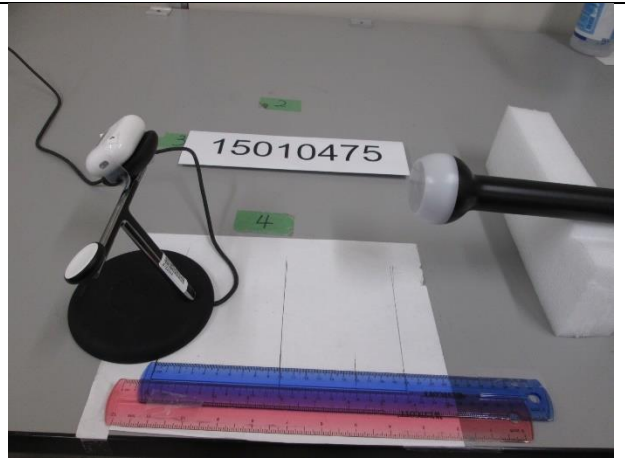
Bottom



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



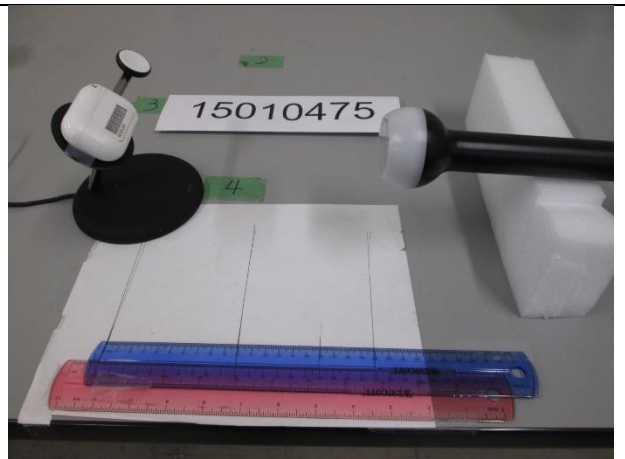
S1



S2



S3



S4

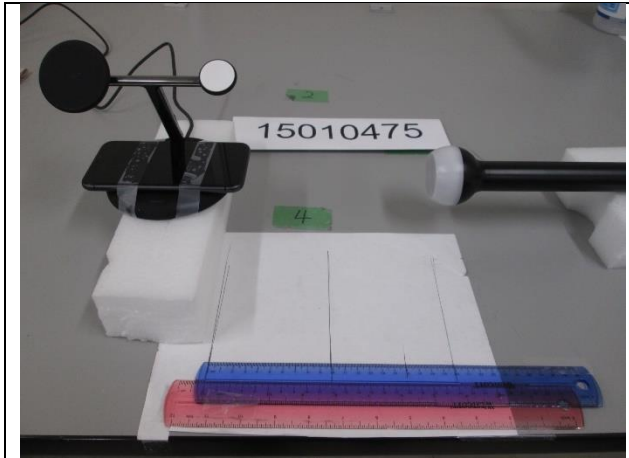


Top

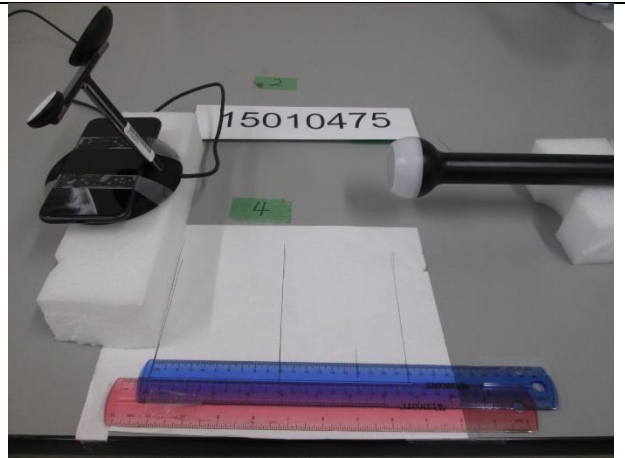


Bottom

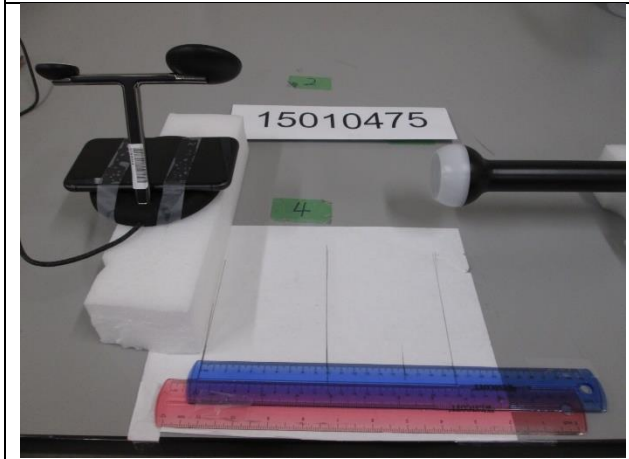
### 3.3.5. CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)



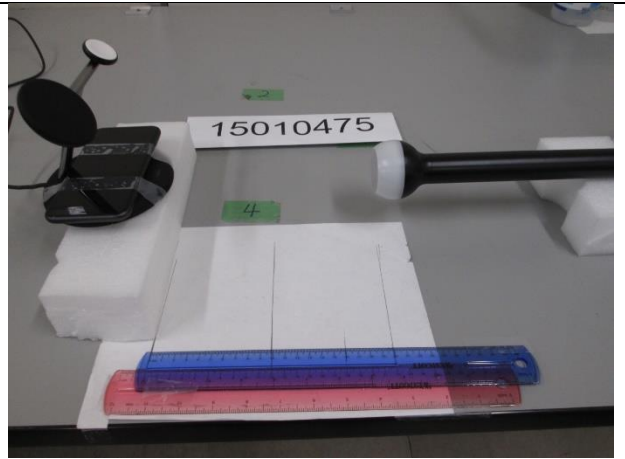
S1



S2



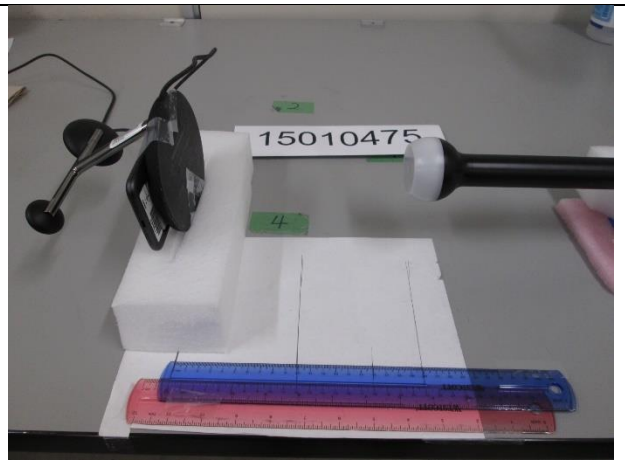
S3



S4

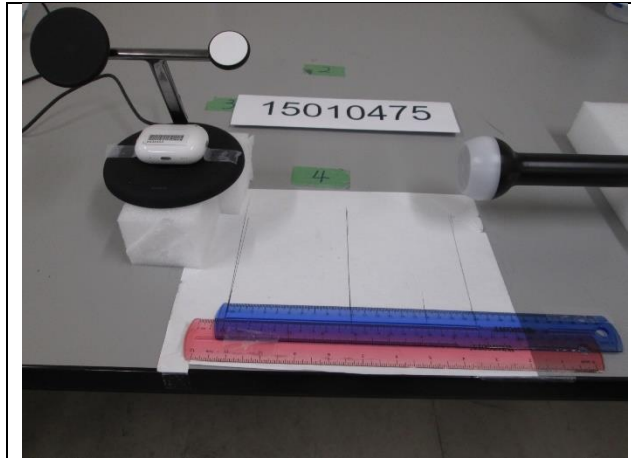


Top

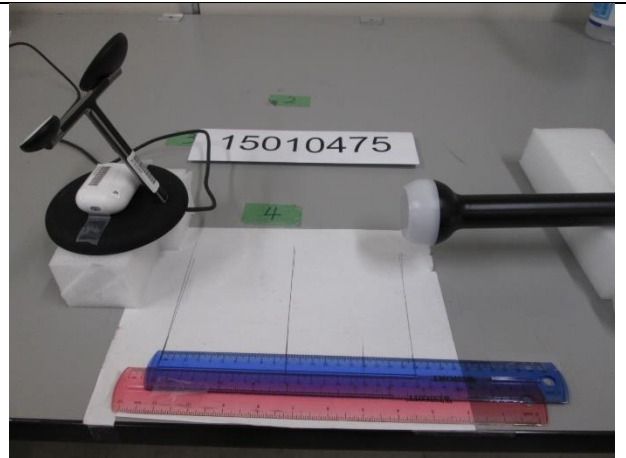


Bottom

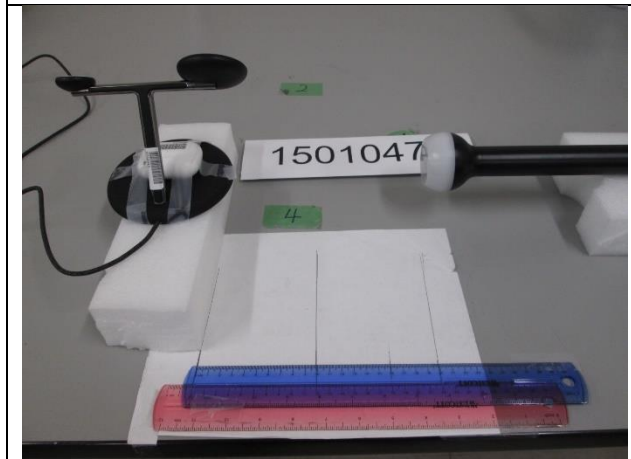
### 3.3.6. CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)



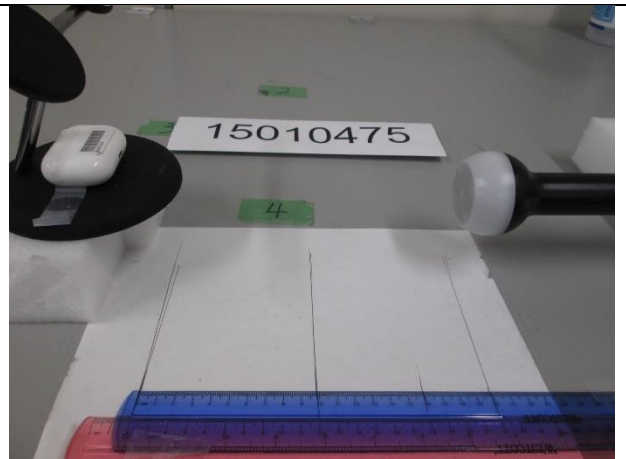
S1



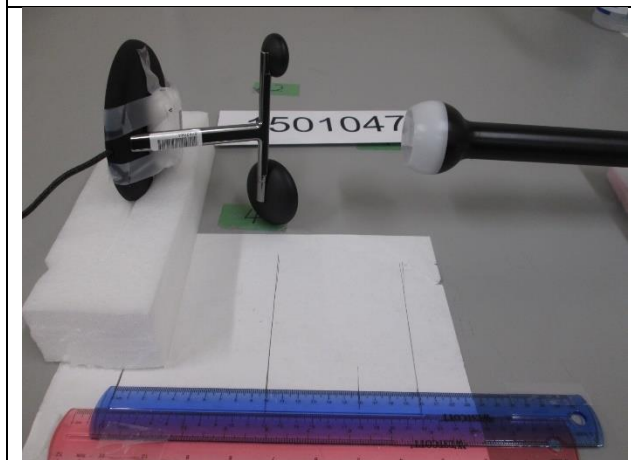
S2



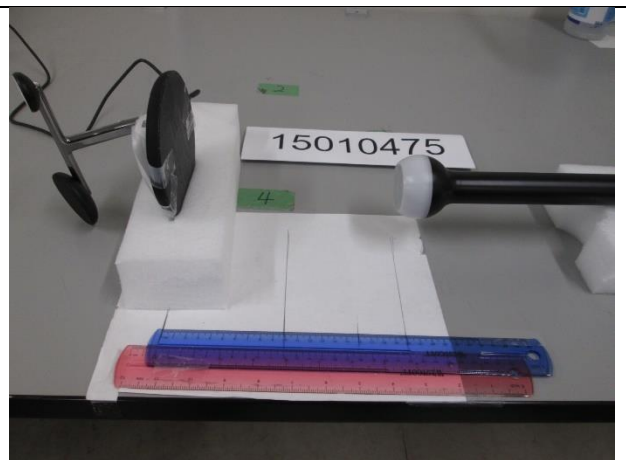
S3



S4



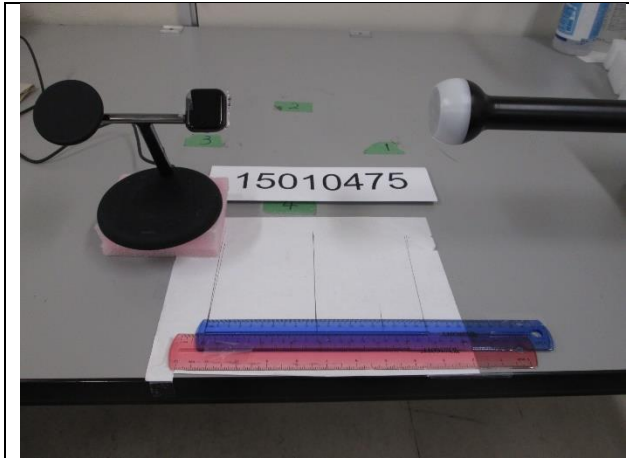
Top



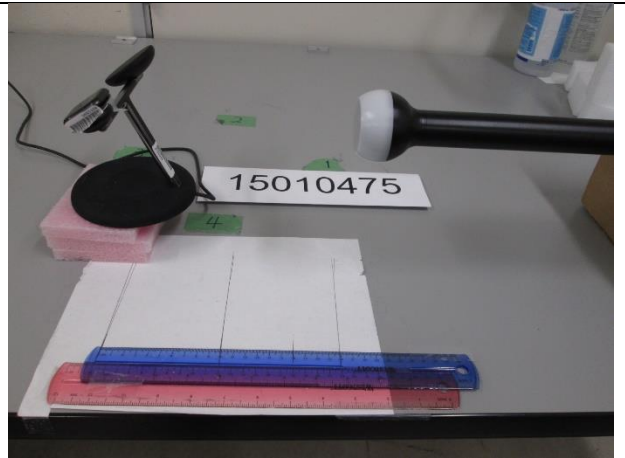
Bottom



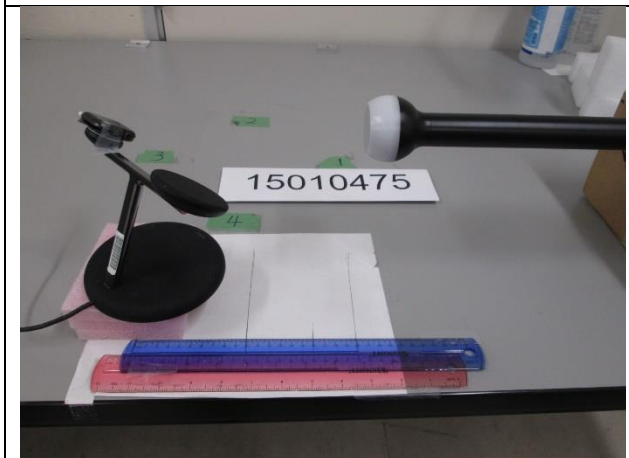
### 3.3.7. CONFIGURATION 7: OPERATING MODE WITH Watch (326.5kHz)



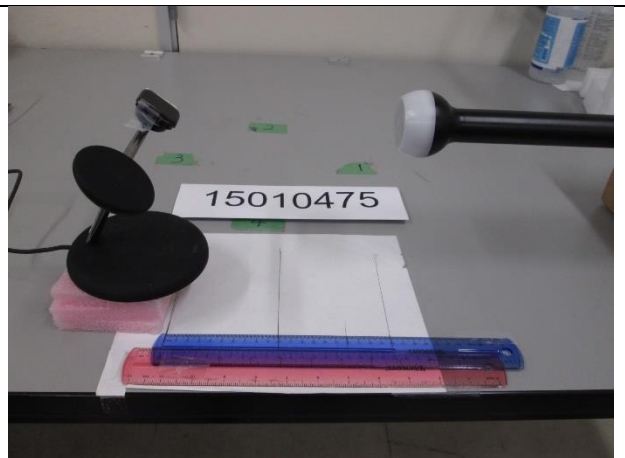
S1



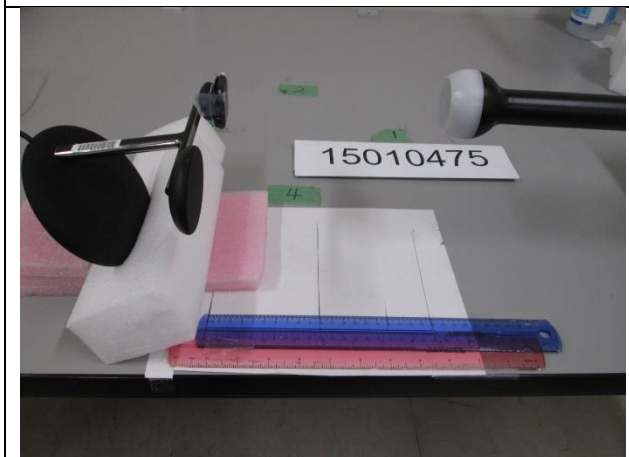
S2



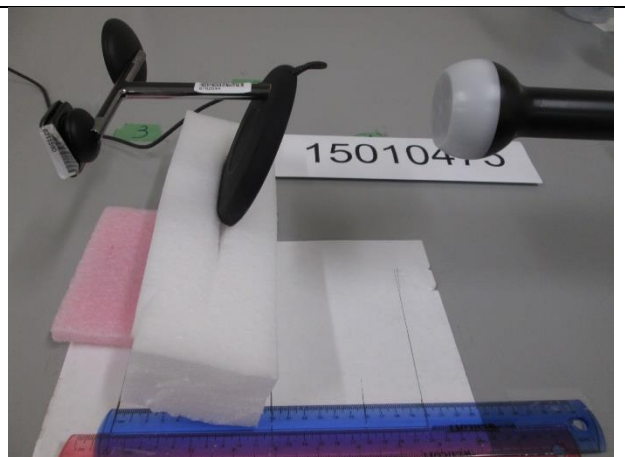
S3



S4

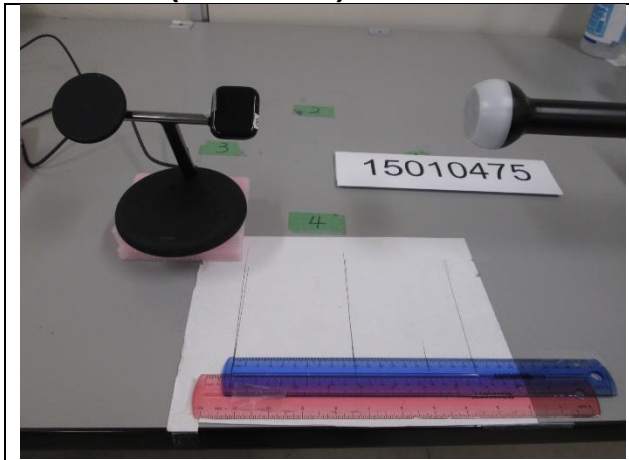


Top

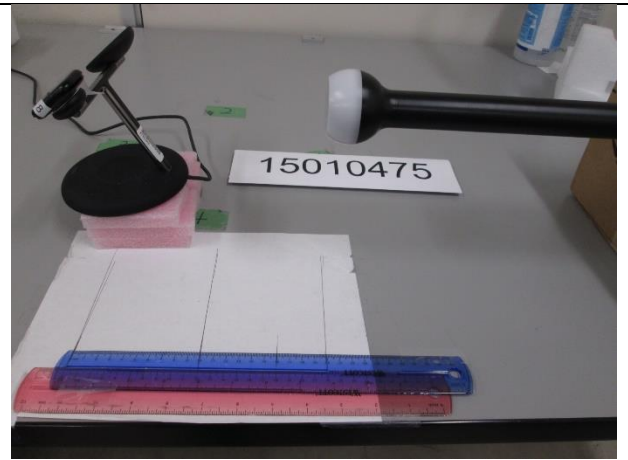


Bottom

### 3.3.8. CONFIGURATION 8: OPERATING MODE WITH Watch (1.778MHz)



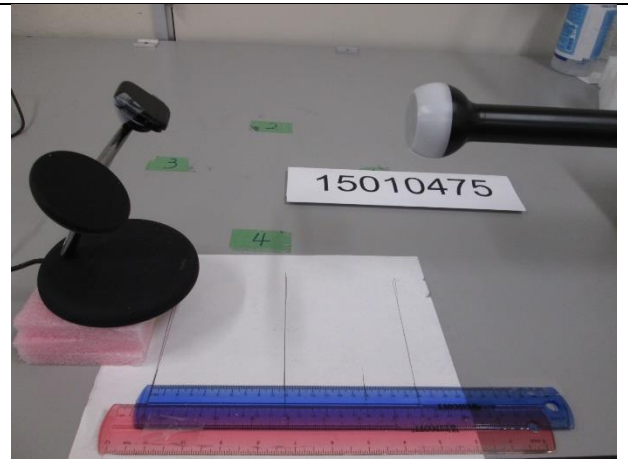
S1



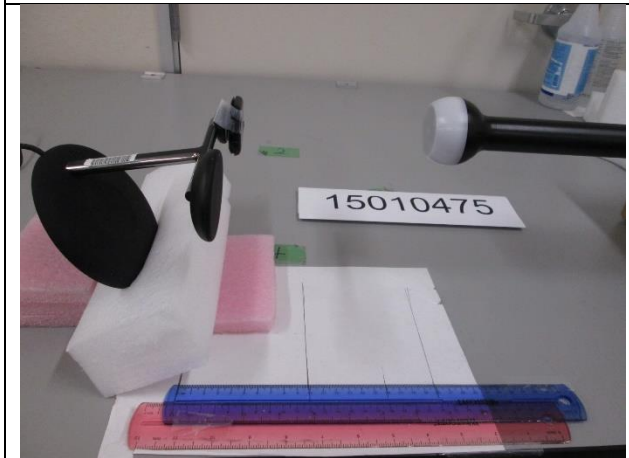
S2



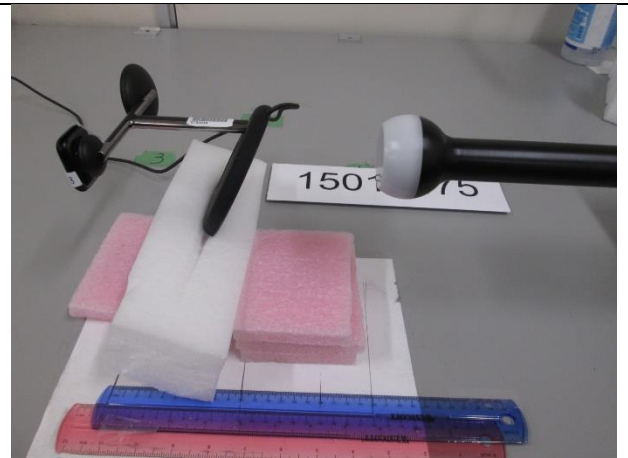
S3



S4



Top



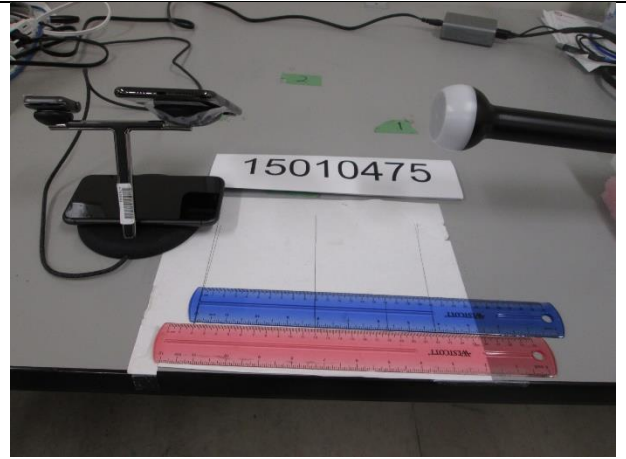
Bottom

### 3.3.9. CONFIGURATION 9: OPERATING WITH iPhone (127.7kHz)+ iPhone (111-148kHz)+ Watch (326.5kHz)

#### 127.7kHz Coil



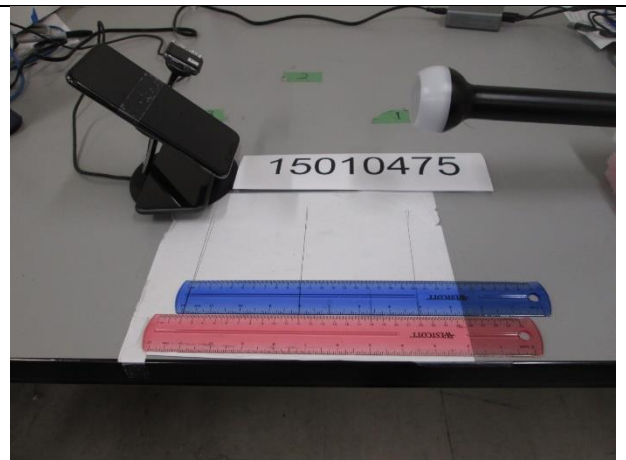
S1



S2



S3



S4



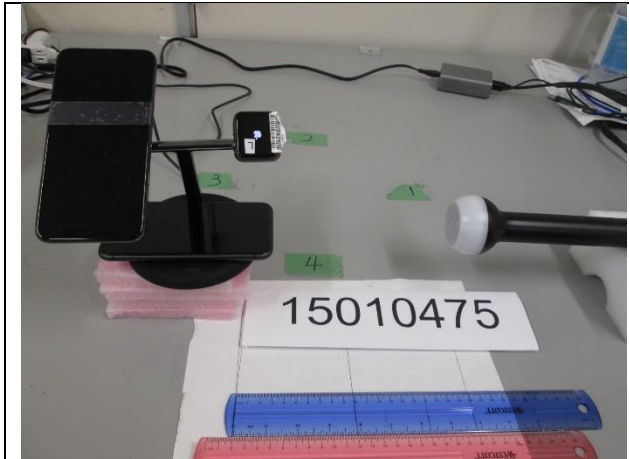
Top



Bottom



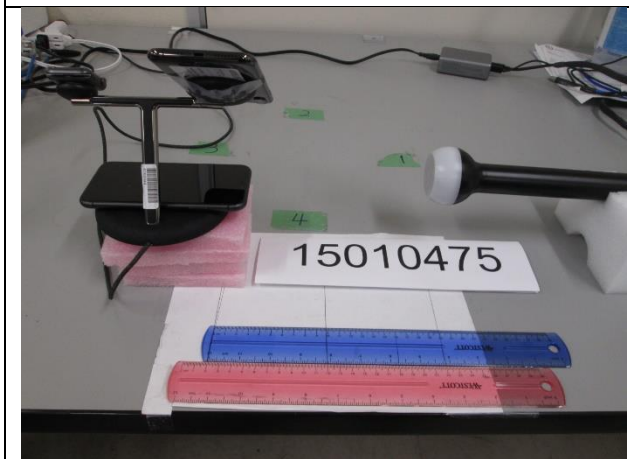
**111-148kHz Coil**



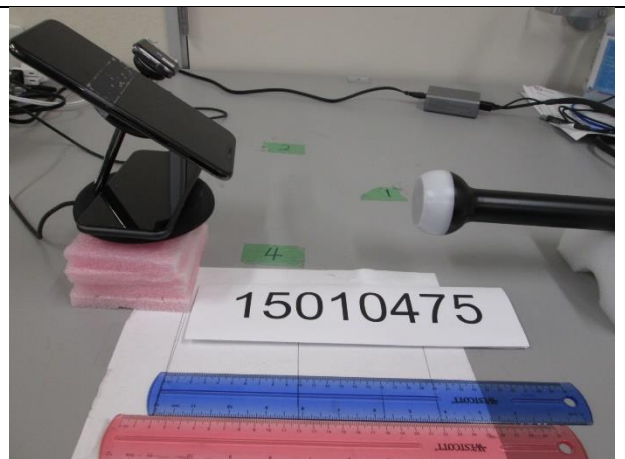
**S1**



**S2**



**S3**



**S4**

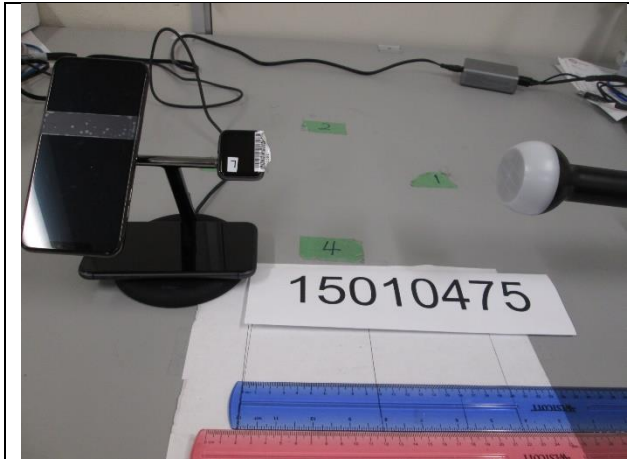


**Top**

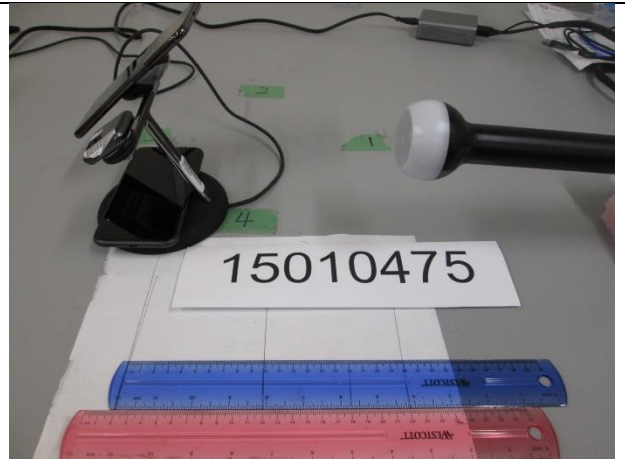


**Bottom**

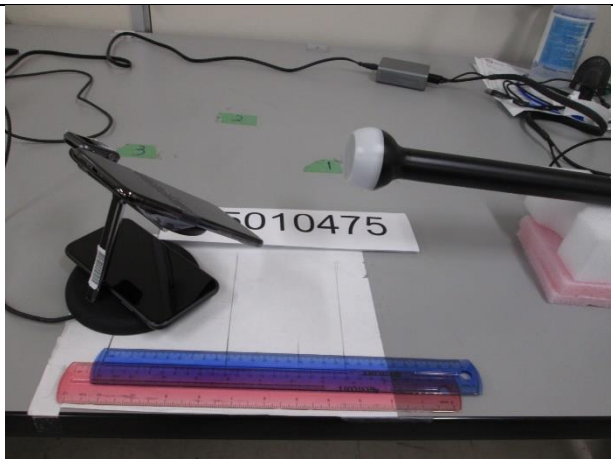
**326.kHz Coil**



**S1**



**S2**



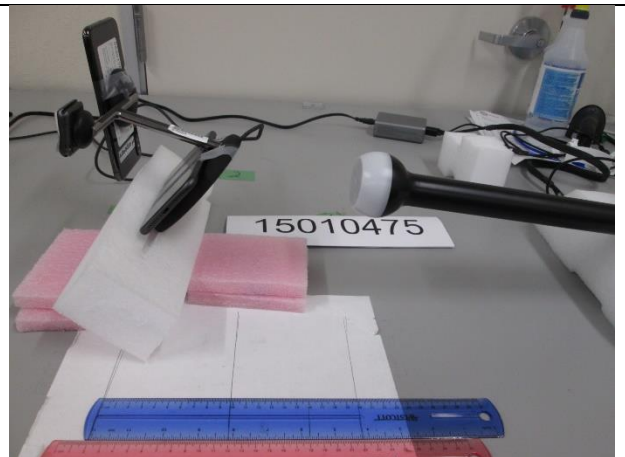
**S3**



**S4**



**Top**



**Bottom**

**END OF REPORT**