

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;

Reports
15010475-E1 FCC WPT Report
15010475-E2 FCC WPT RF Exposure Report

2. WPT TECHNOLOGY (15010475-E1 Report)

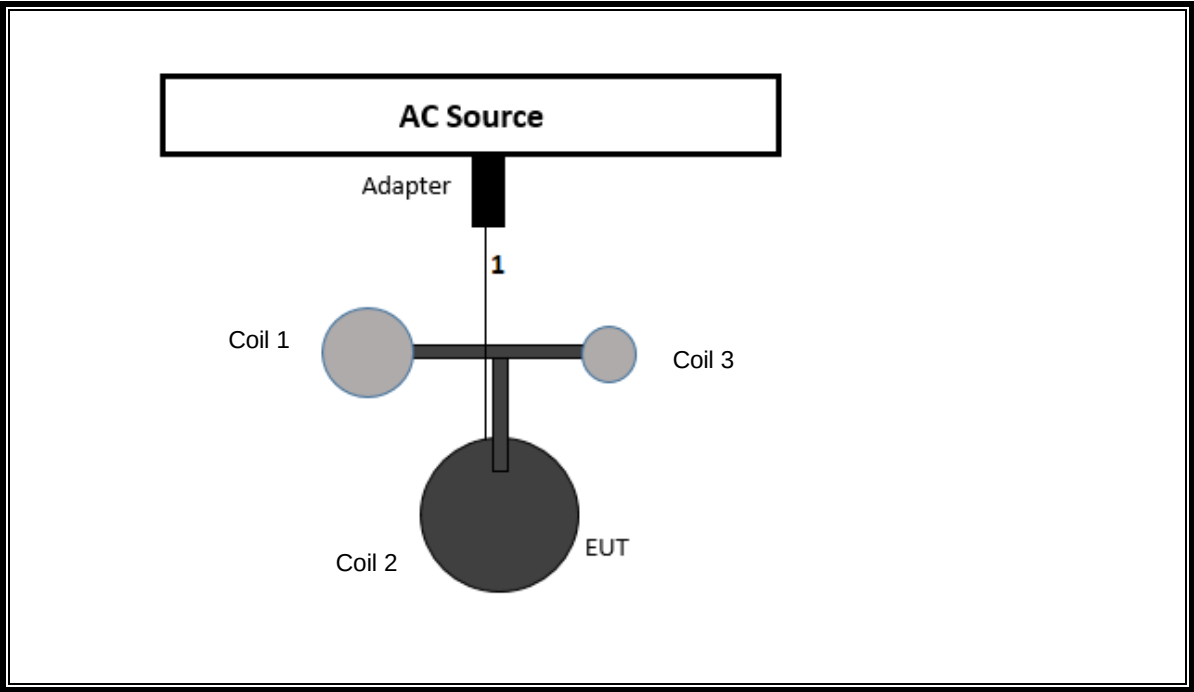
2.1. DESCRIPTION OF TEST SETUP

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	-

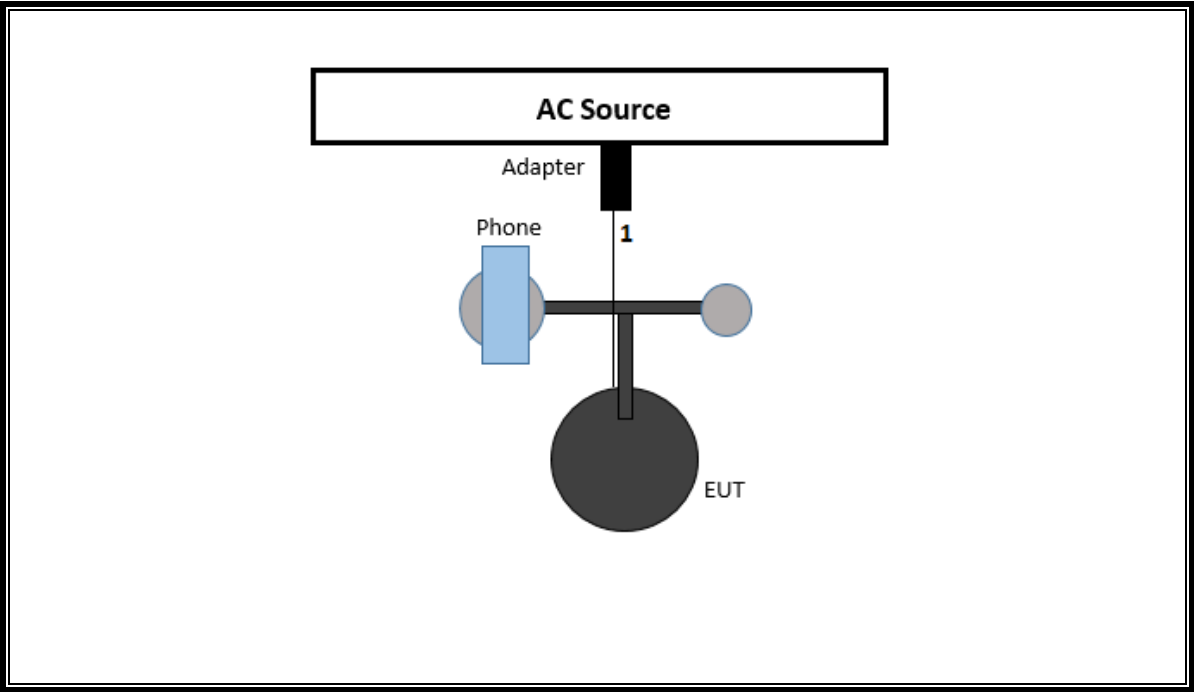
Note: Several units of support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

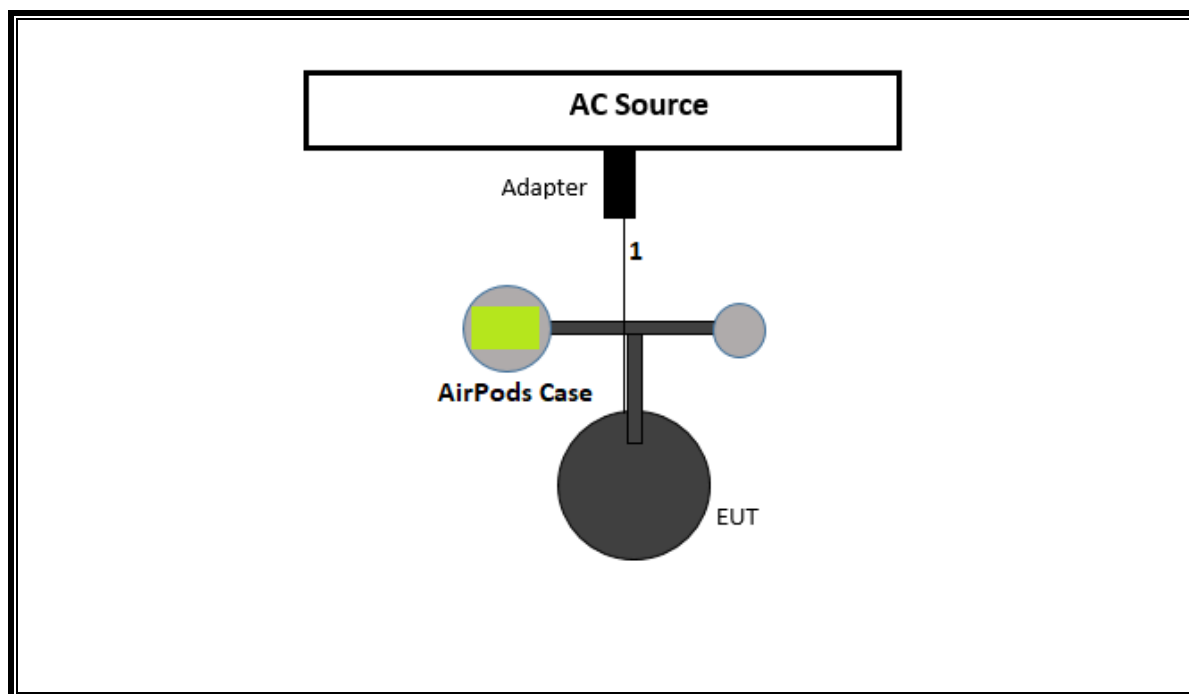
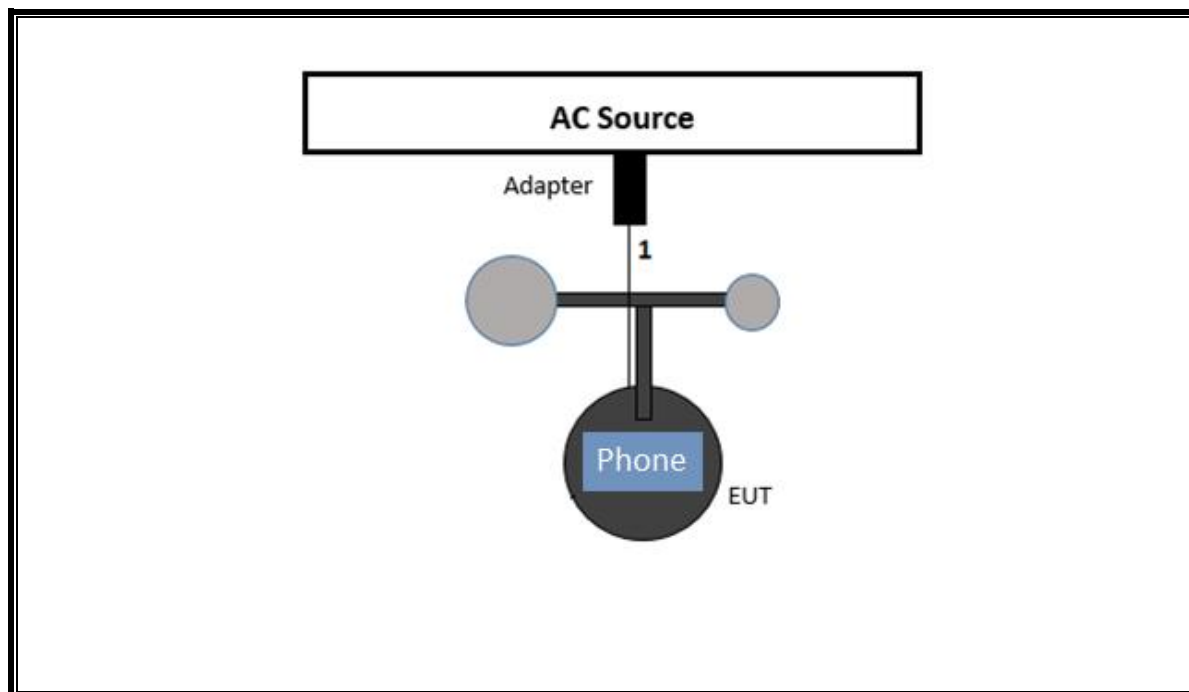
TEST SETUP BLOCK DIAGRAM

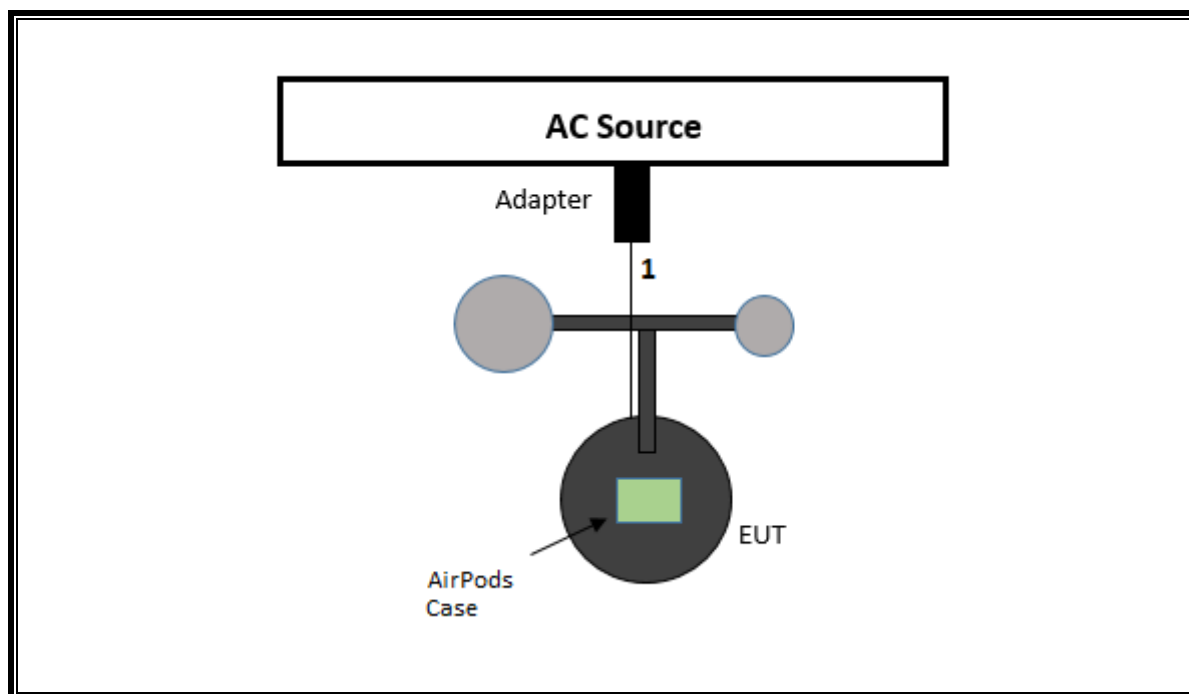
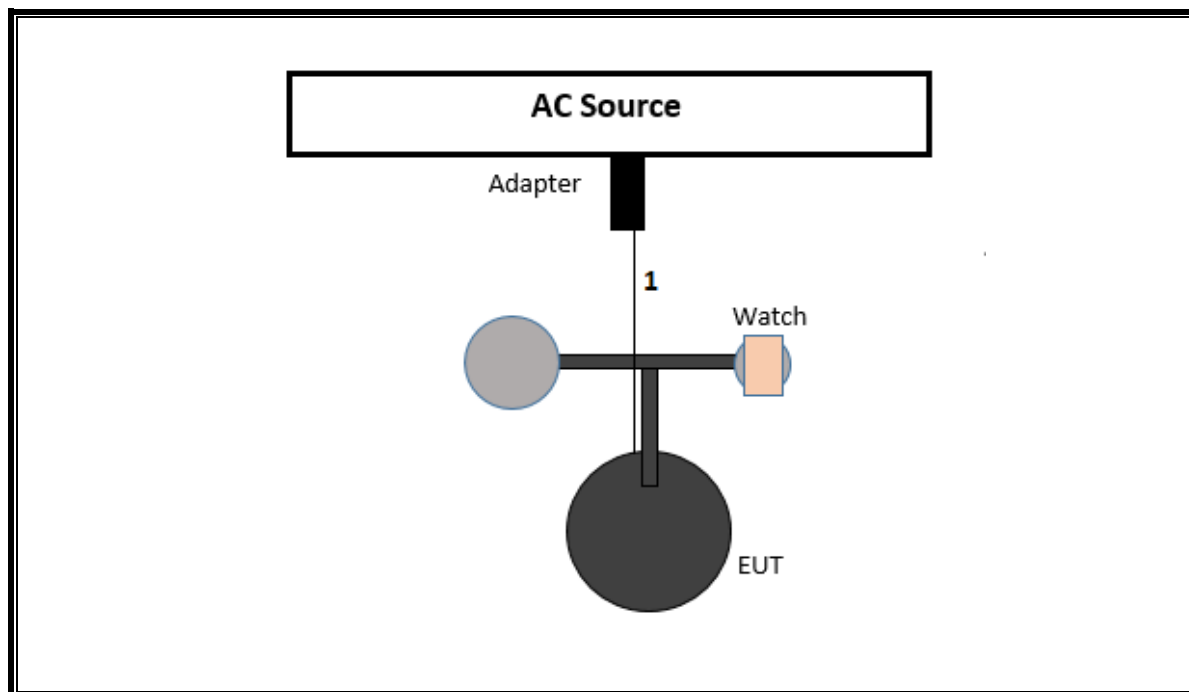
CONFIGURATION 1: WPT ON STANDBY

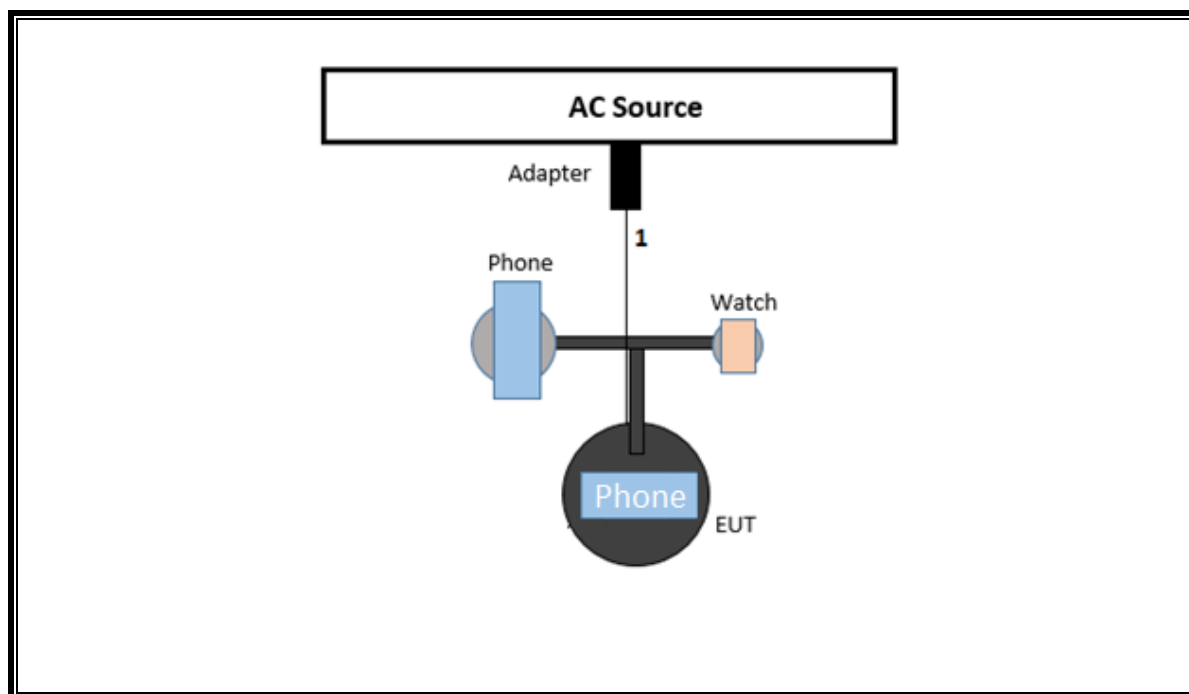


CONFIGURATION 2/3: OPERATING MODE WITH PHONE



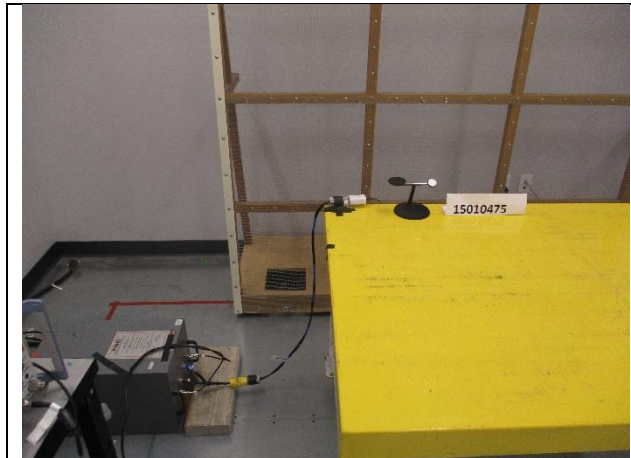
CONFIGURATION 4: OPERATING MODE WITH AIRPODS PRO CASE**CONFIGURATION 5: OPERATING MODE WITH PHONE**

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

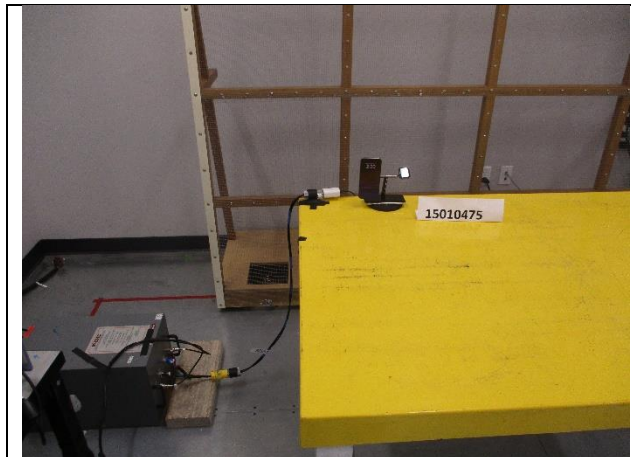


AC LINE CONDUCTED (FRONT)



AC LINE CONDUCTED (BACK)

2.2.2. CONFIGURATON 9: OPERATING MODE WITH PHONE + PHONE+ WATCH



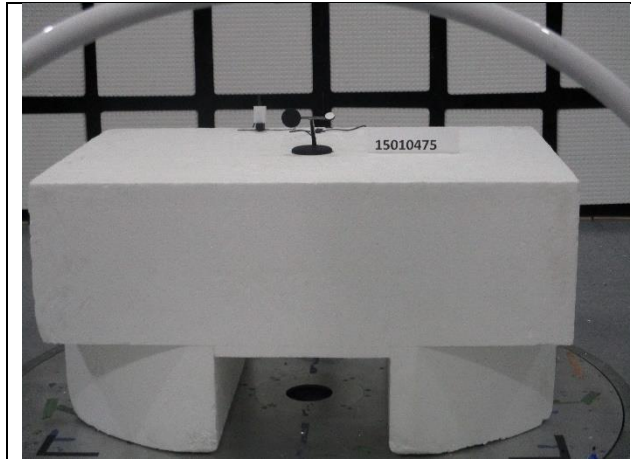
AC LINE CONDUCTED (FRONT)



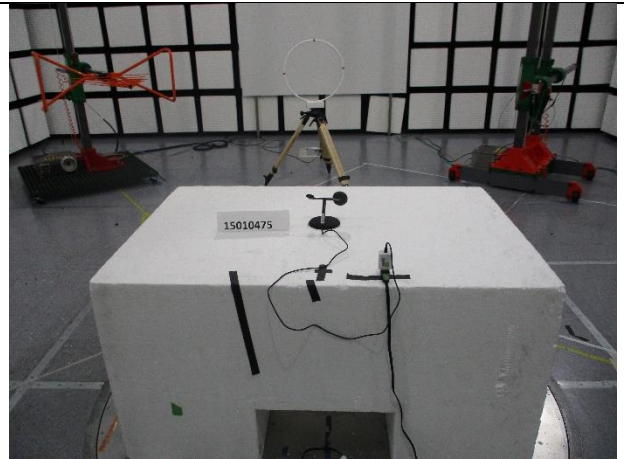
AC LINE CONDUCTED (BACK)

2.3. WPT RADIATED RF MEASUREMENT SETUP

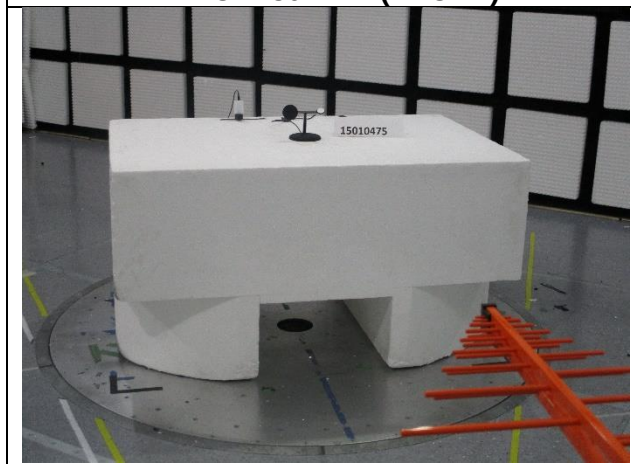
2.3.1. CONFIGURATION 1: WPT ON STANDBY



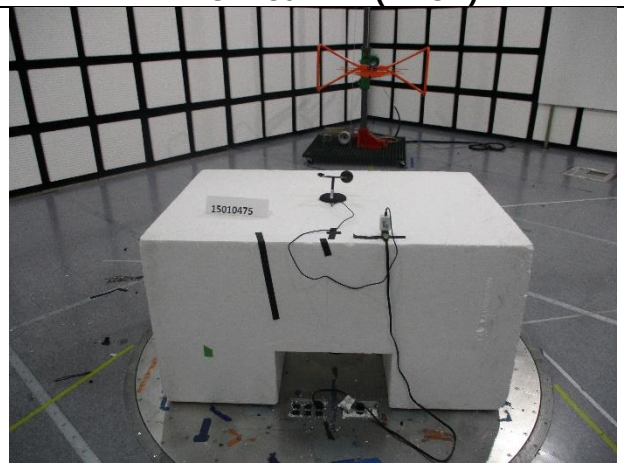
BELOW 30 MHz (FRONT)



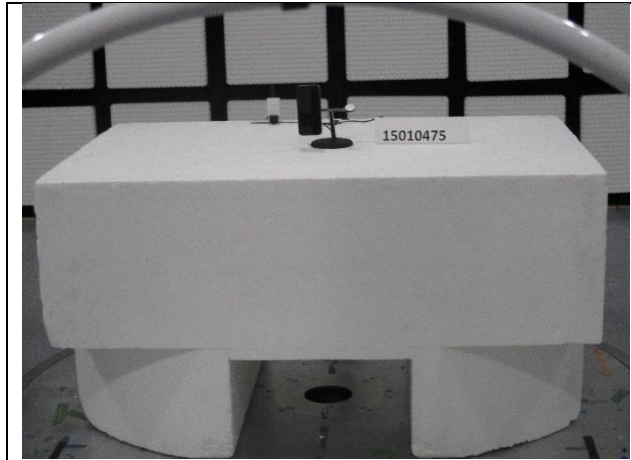
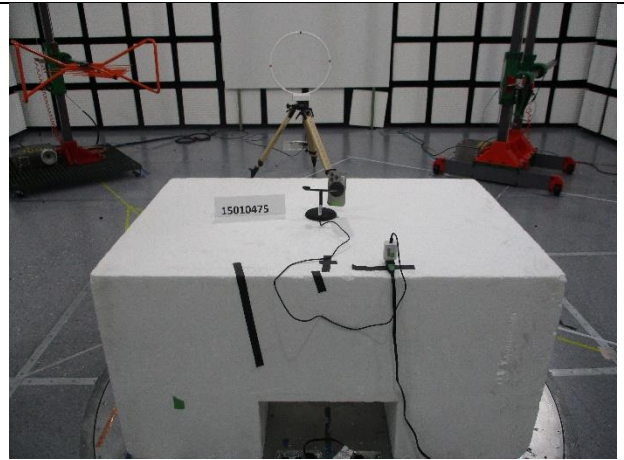
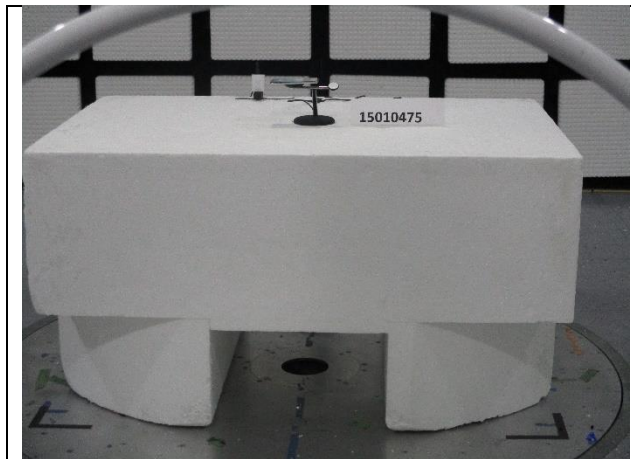
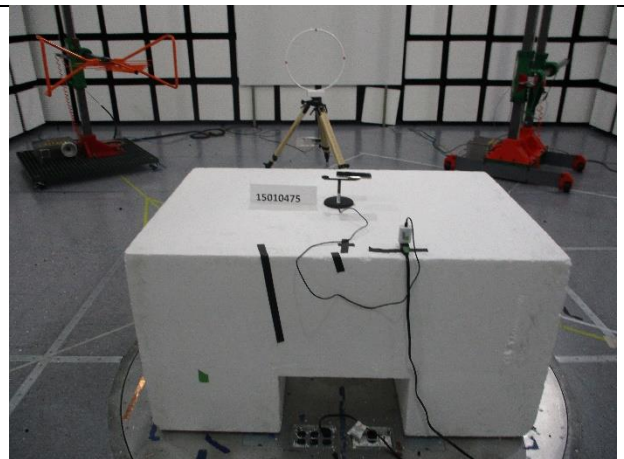
BELOW 30 MHz (BACK)



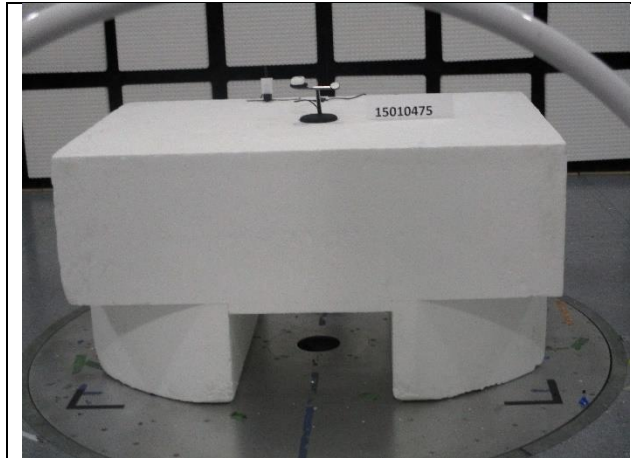
BELOW 1GHz (FRONT)



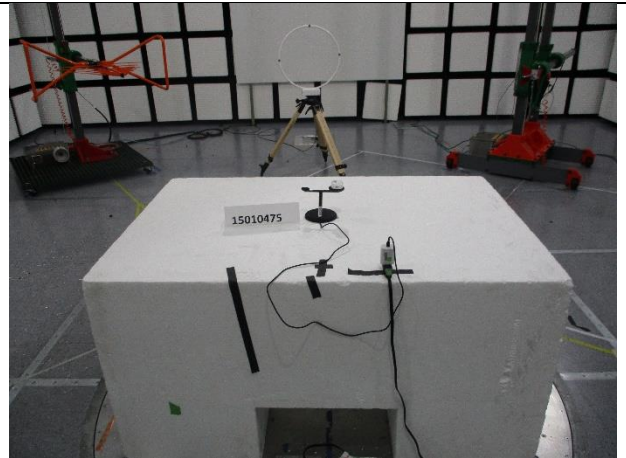
BELOW 1GHz (BACK)

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)

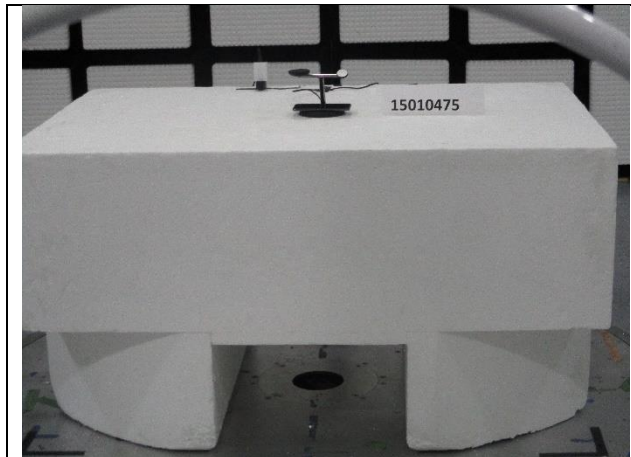


BELOW 30 MHz (FRONT)

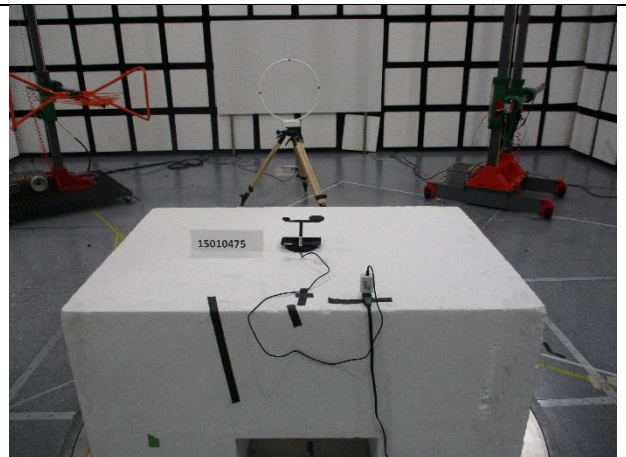


BELOW 30 MHz (BACK)

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

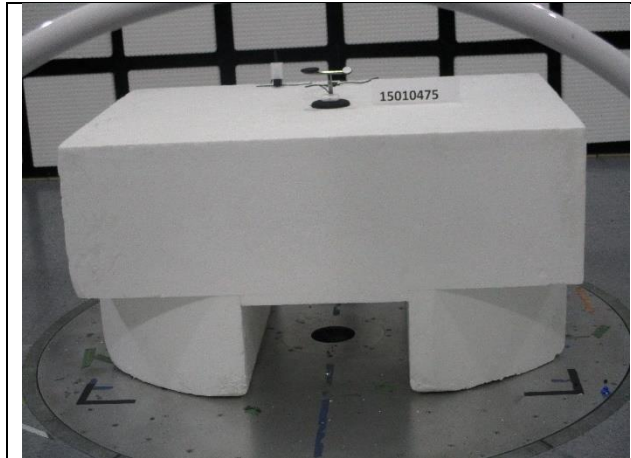


BELOW 30 MHz (FRONT)

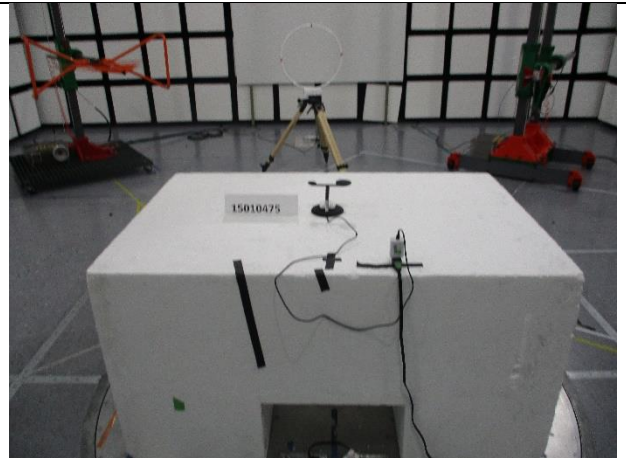


BELOW 30 MHz (BACK)

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

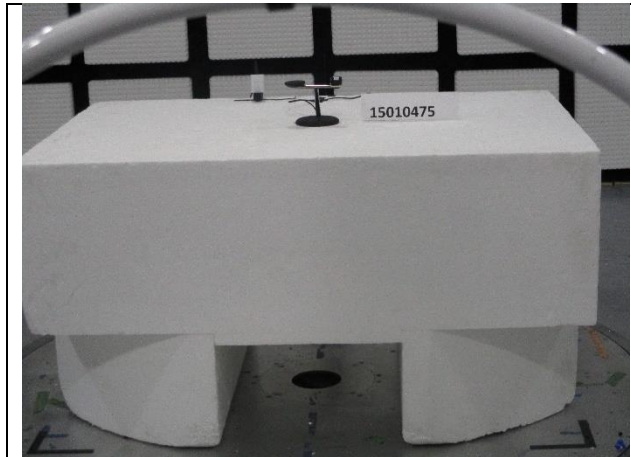


BELOW 30 MHz (FRONT)

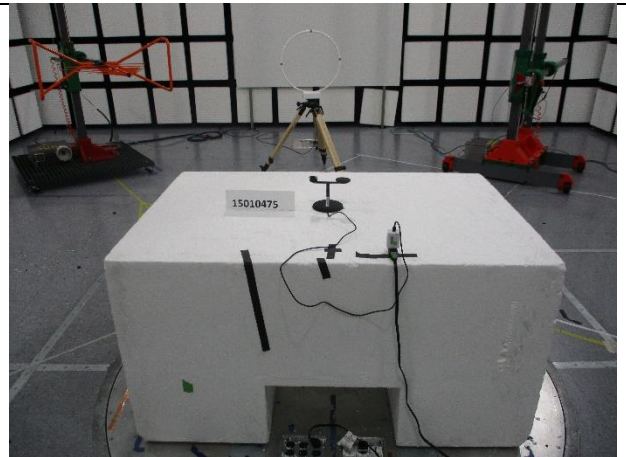


BELOW 30 MHz (BACK)

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

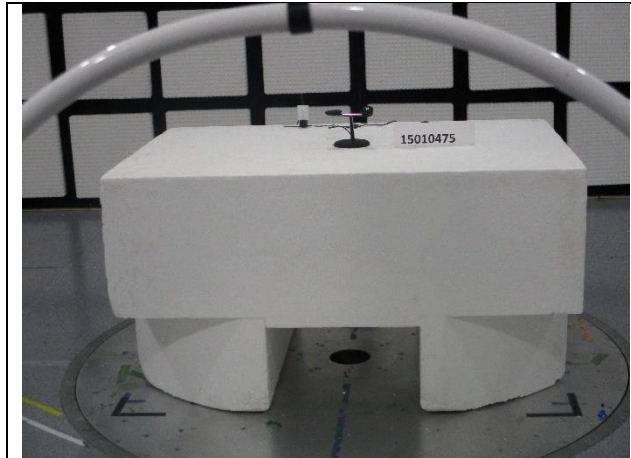


BELOW 30 MHz (FRONT)

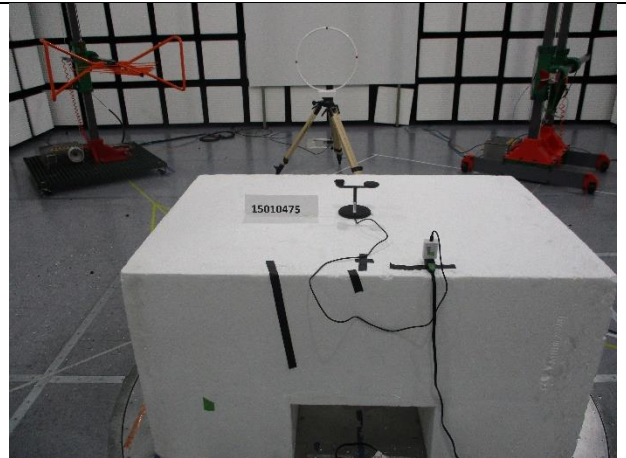


BELOW 30 MHz (BACK)

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

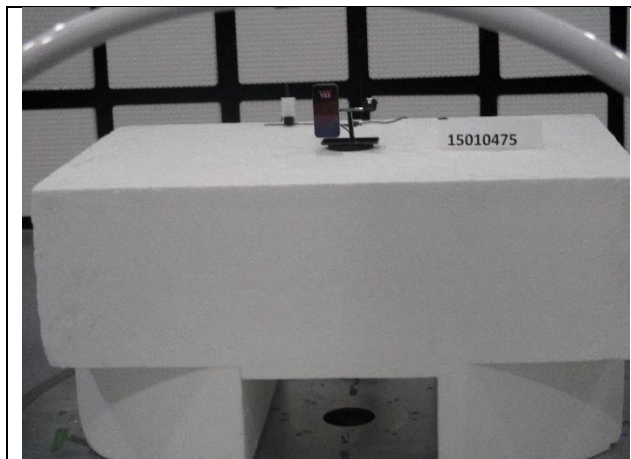


BELOW 30 MHz (FRONT)

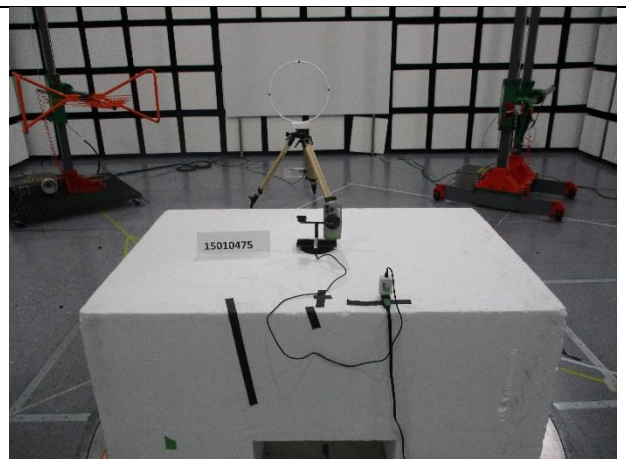


BELOW 30 MHz (BACK)

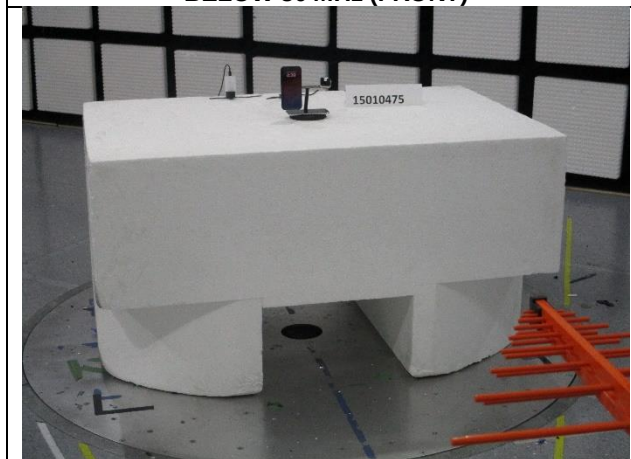
2.3.9. CONFIGURATION 9: OPERATING MODE WITH iPhone (360kHz) + iPhone (127.7kHz) + Watch (1.778MHz)



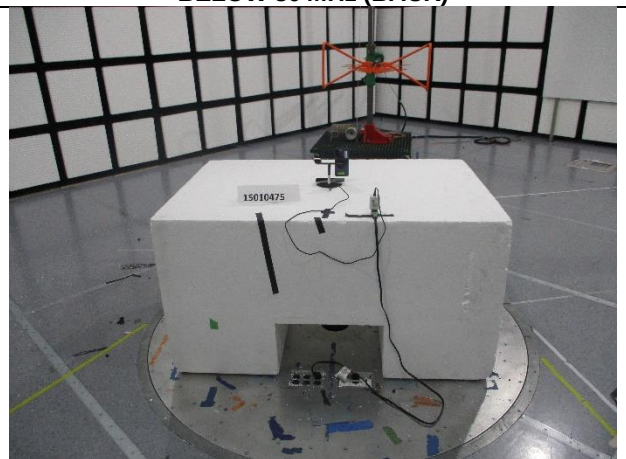
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

3. RF EXPOSURE (15010475-E2 Report)

3.1. DESCRIPTION OF TEST SETUP

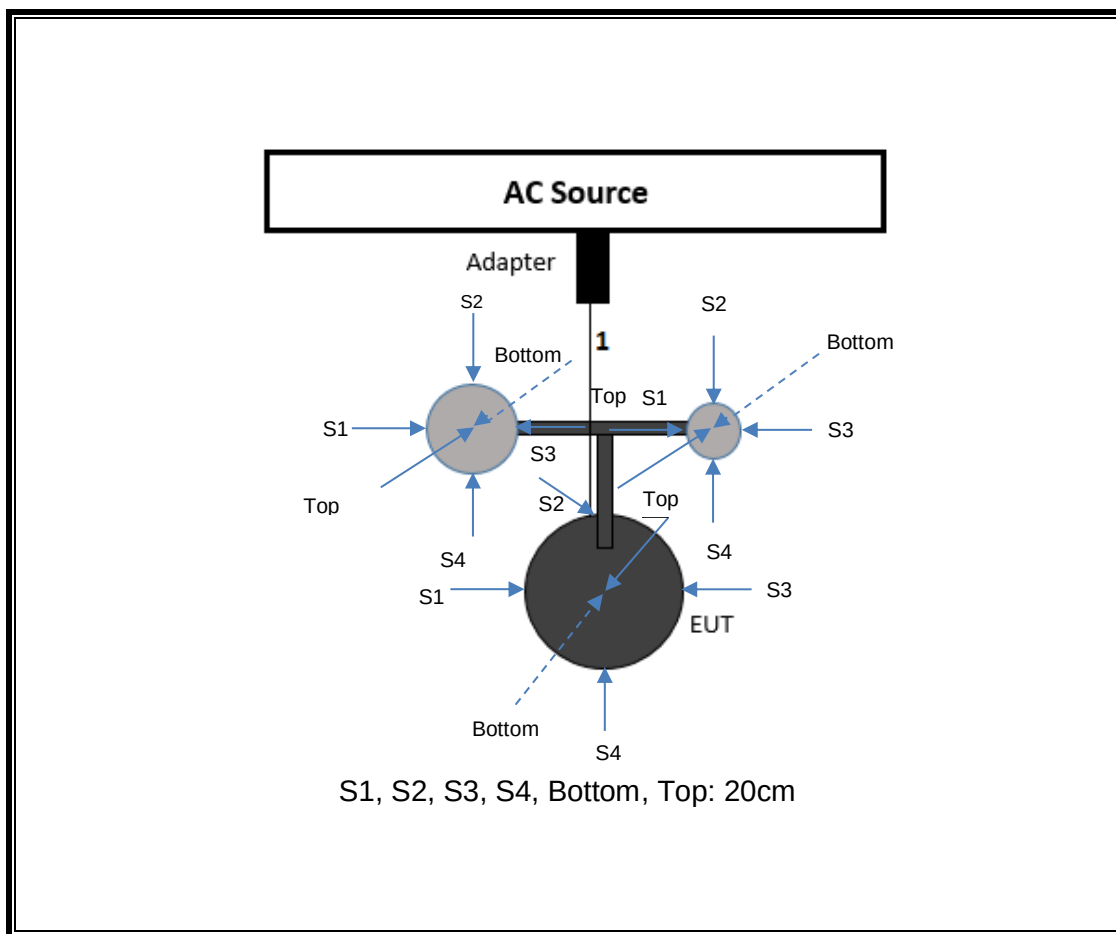
SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
AC/DC Adapter		Belkin	A732-150240C-US1	Not available		DoC
iPhone 14 Pro (black)		Apple	A2660	HKWX92F211		579C-E8140A
iPhone 14 Pro (black)		Apple	A2660	JX7677Y77K		579C-E8140A
iPhone 14 Pro (Purple)		Apple	A2660	J2GJYV7CK0		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	-

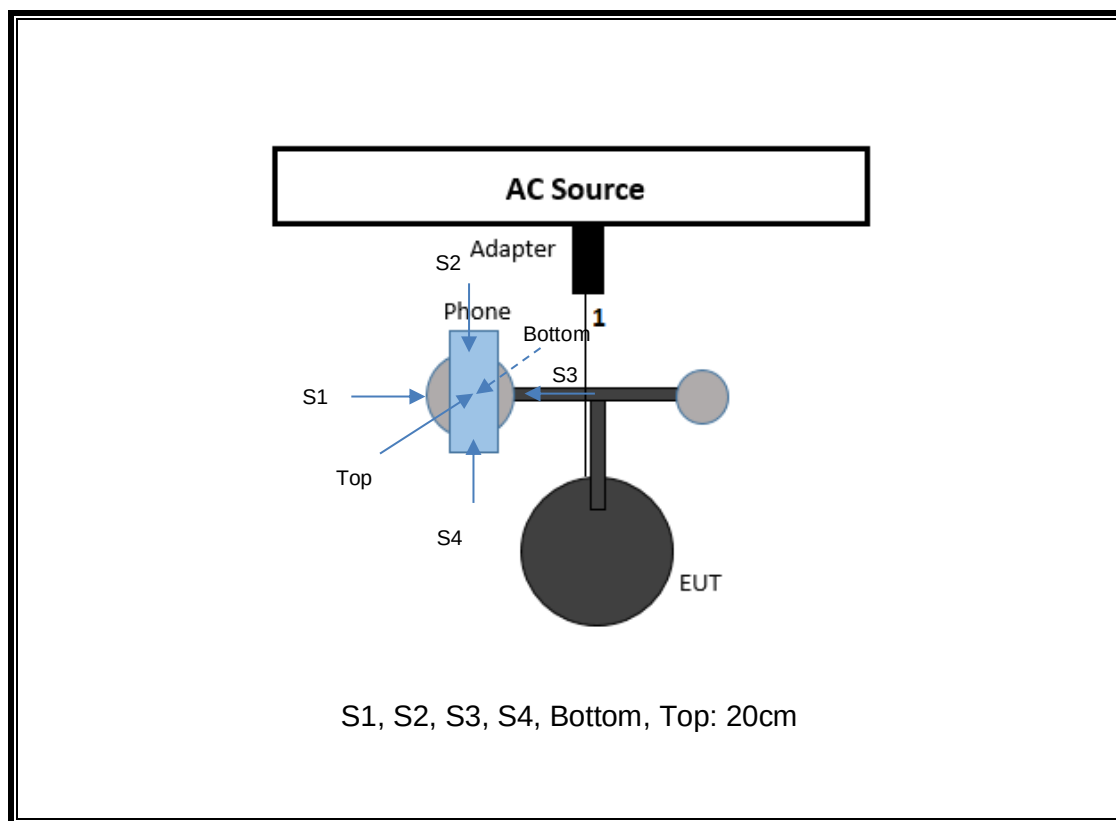
Note: Several units of support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

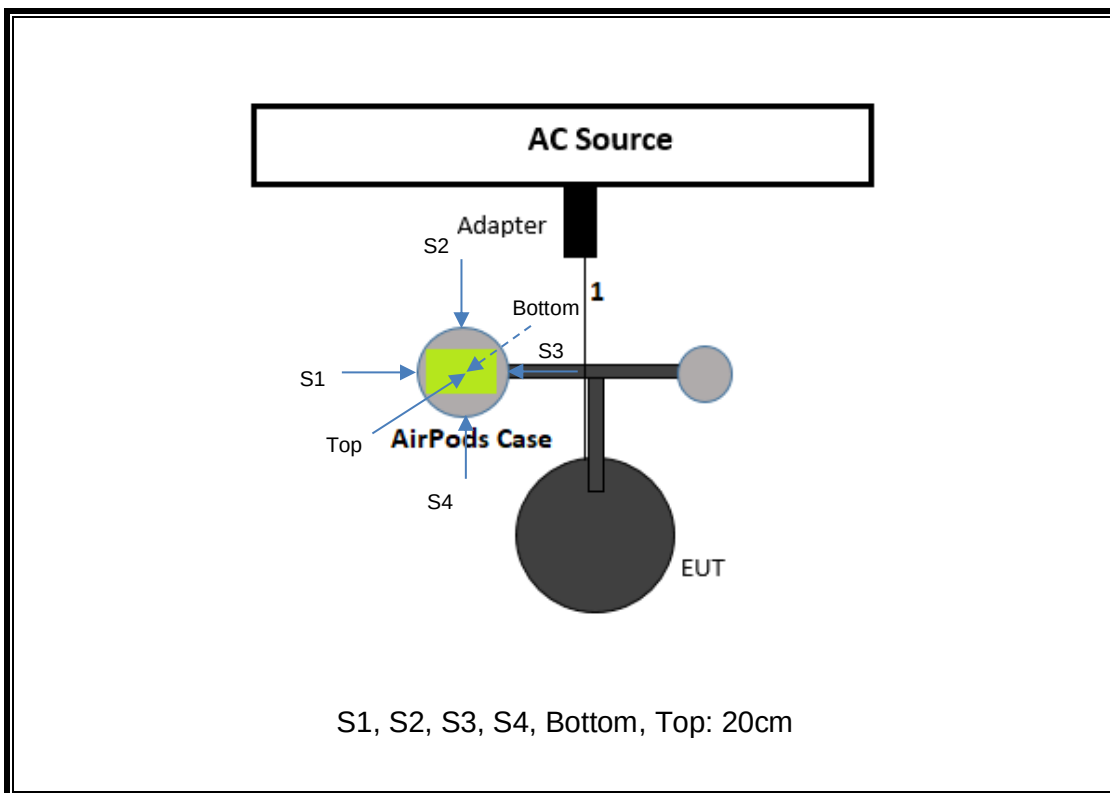
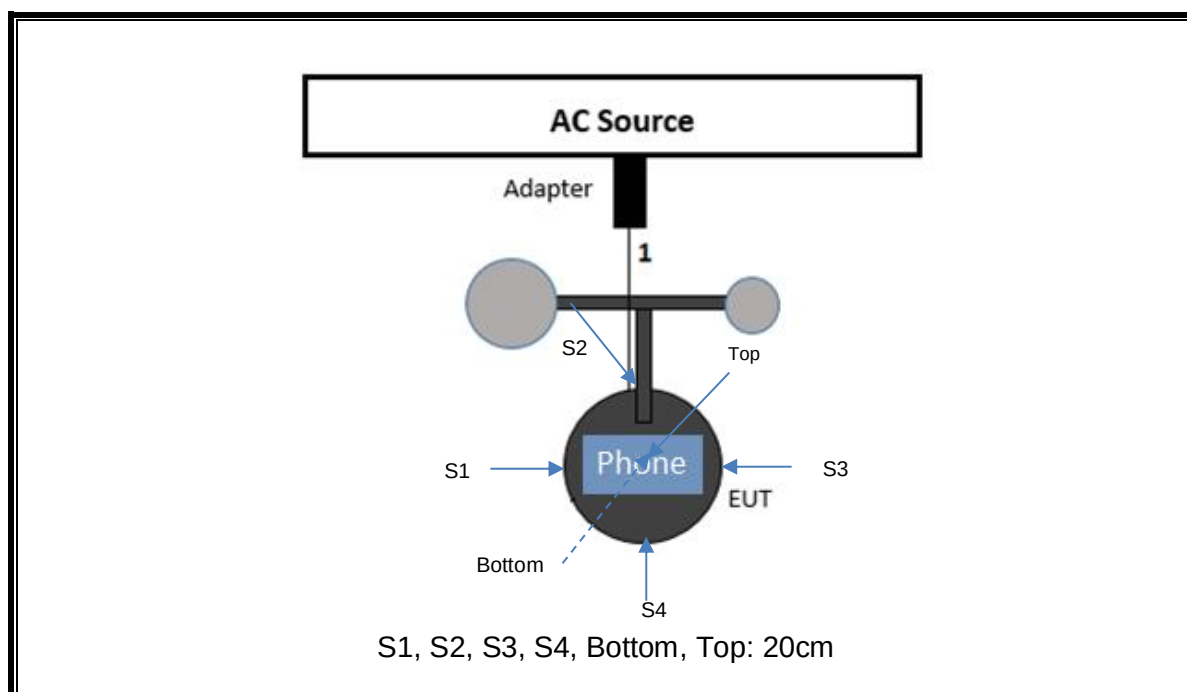
3.2. MEASUREMENT SETUP

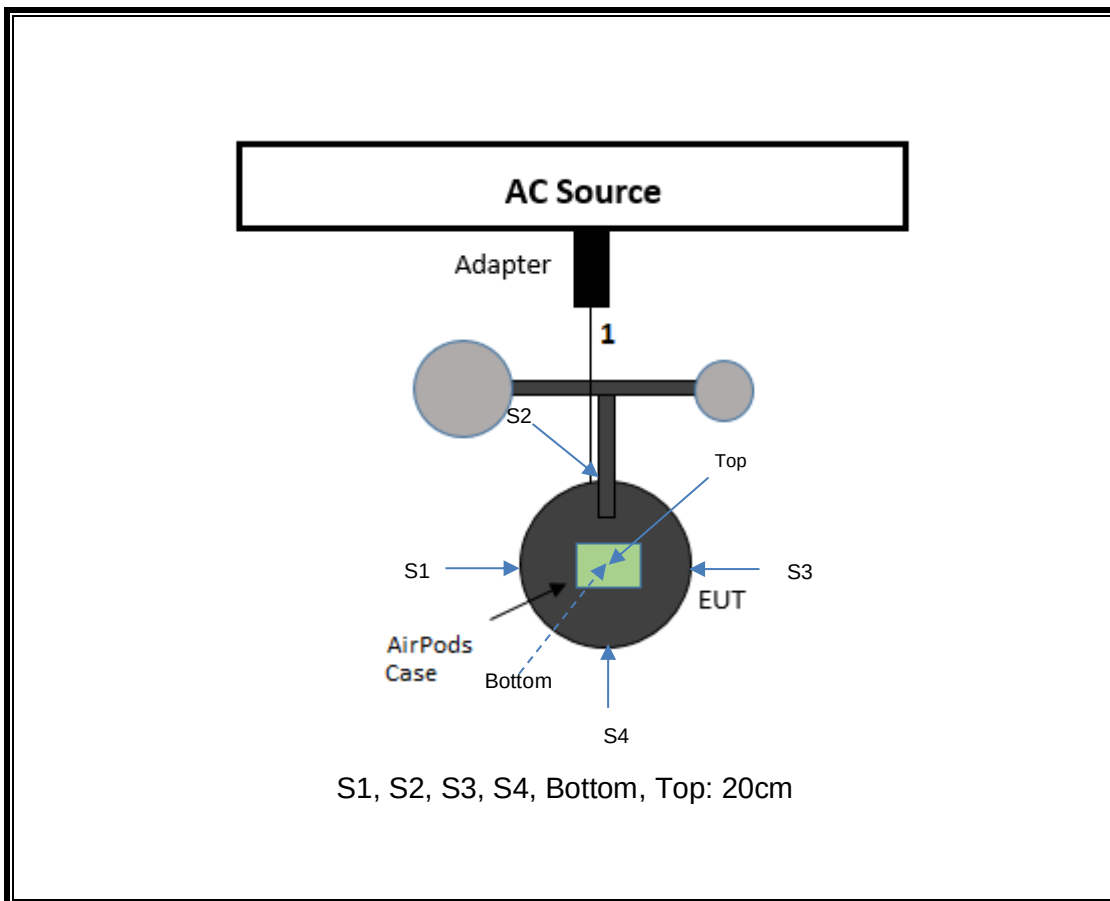
The measurements were taken using a probe placed 20 cm surrounding the device for all configurations on each individual coil per KDB 680106 D01.

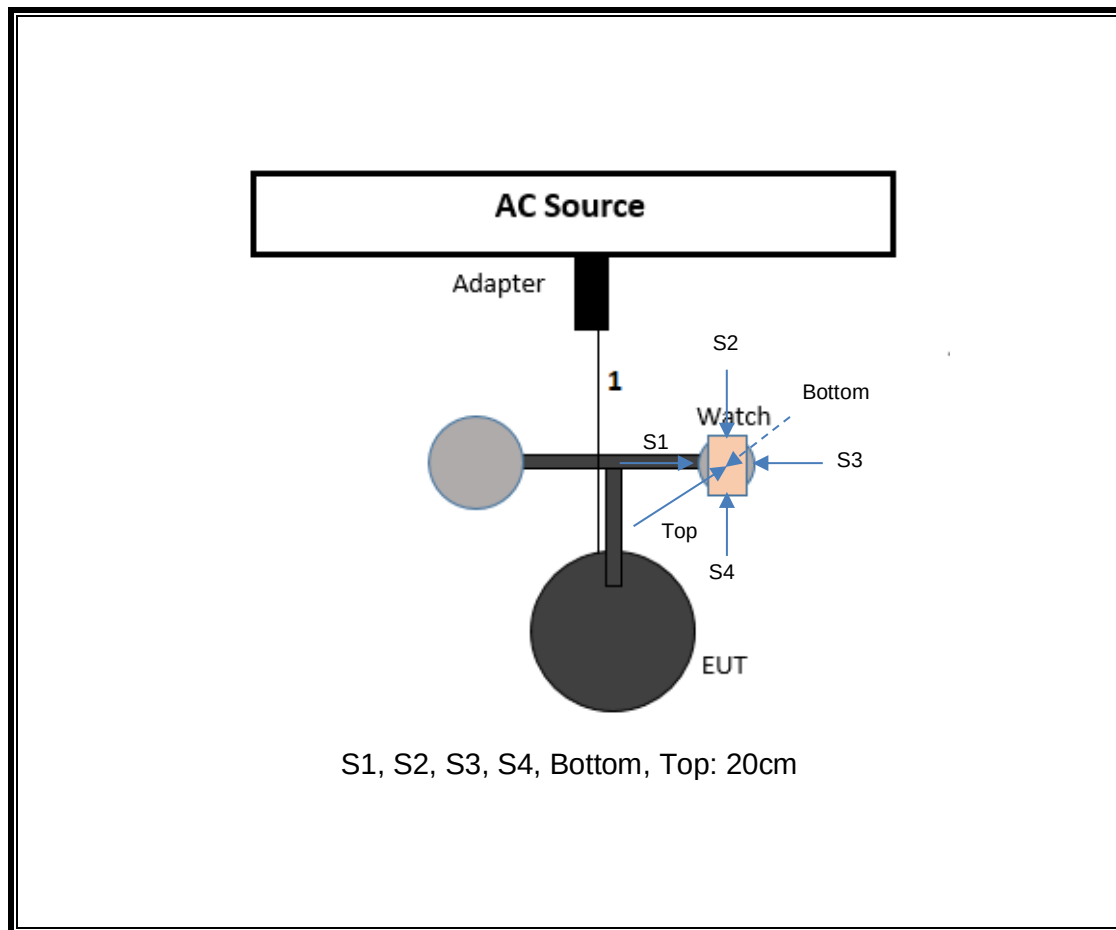
Measurement distance is determined from the center of the probe to the EUT.

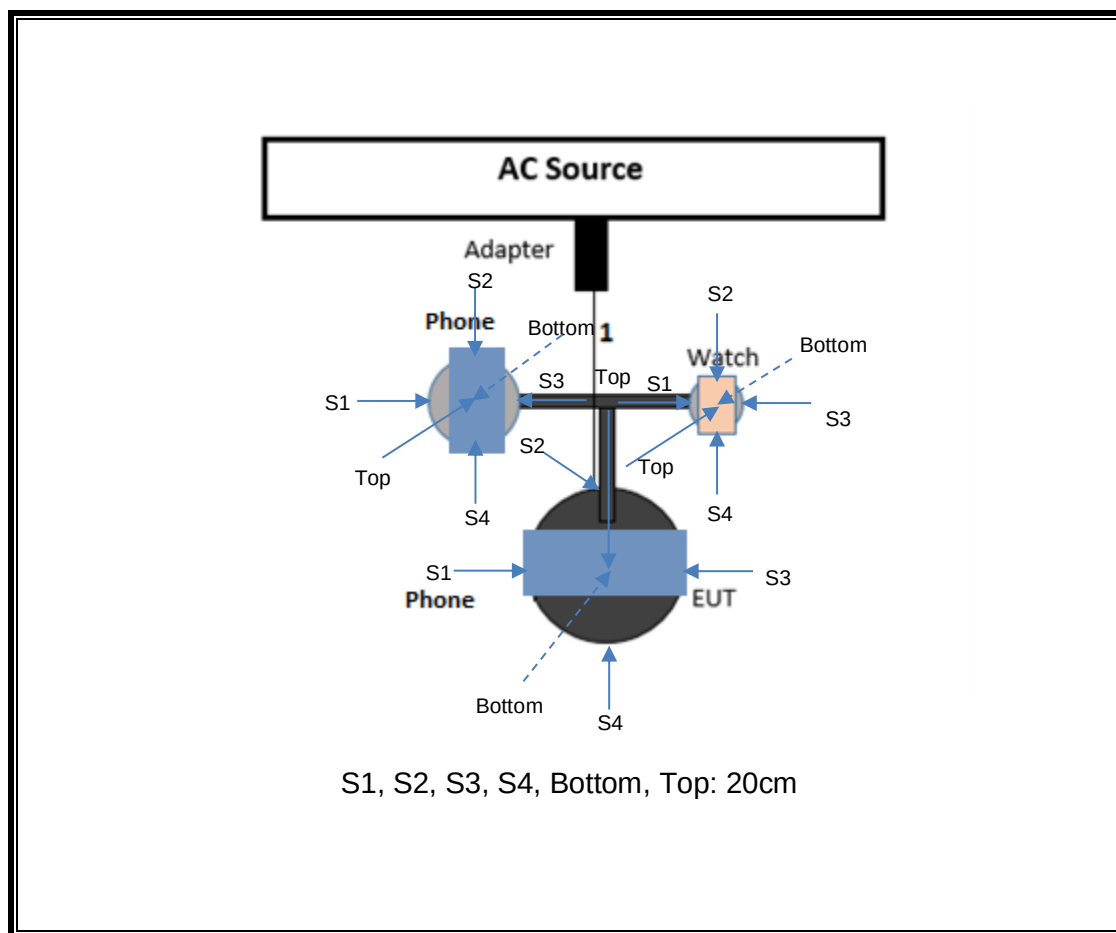
CONFIGURATION 1: STANDBY MODE

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

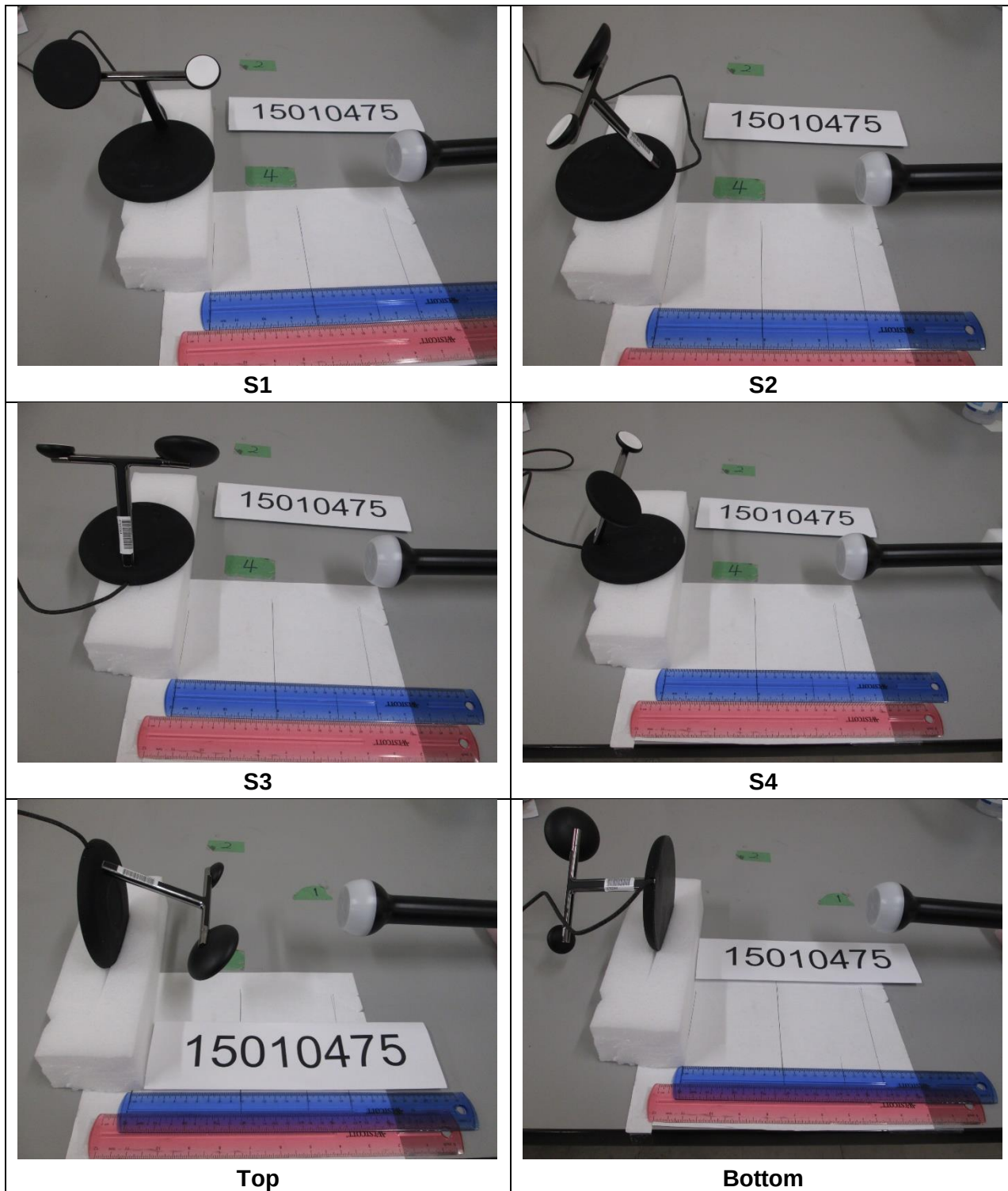
CONFIGURATION 7/8: OPERATING WITH Watch

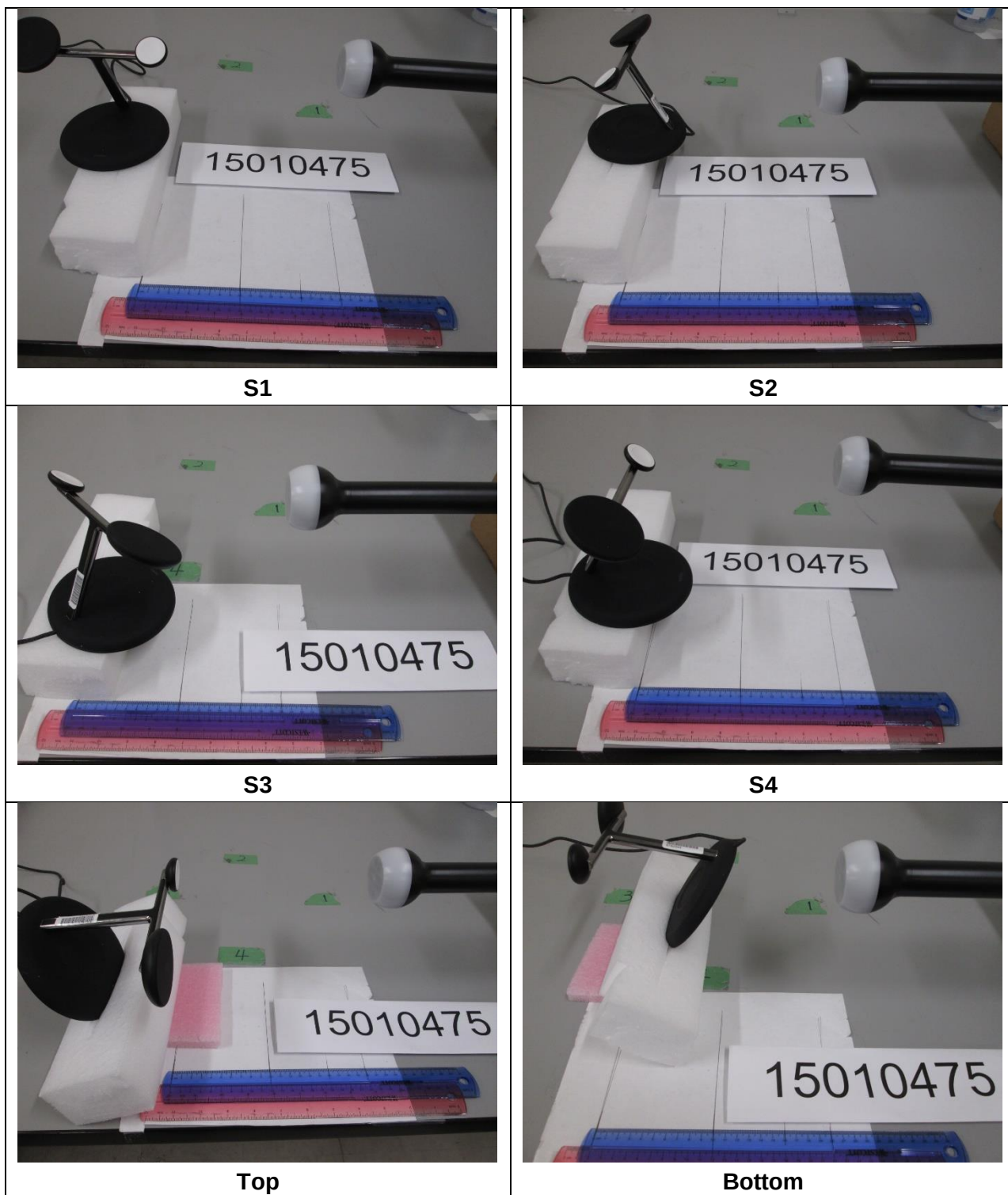
CONFIGURATION 9: OPERATING MODE WITH iPhone + iPhone + Watch

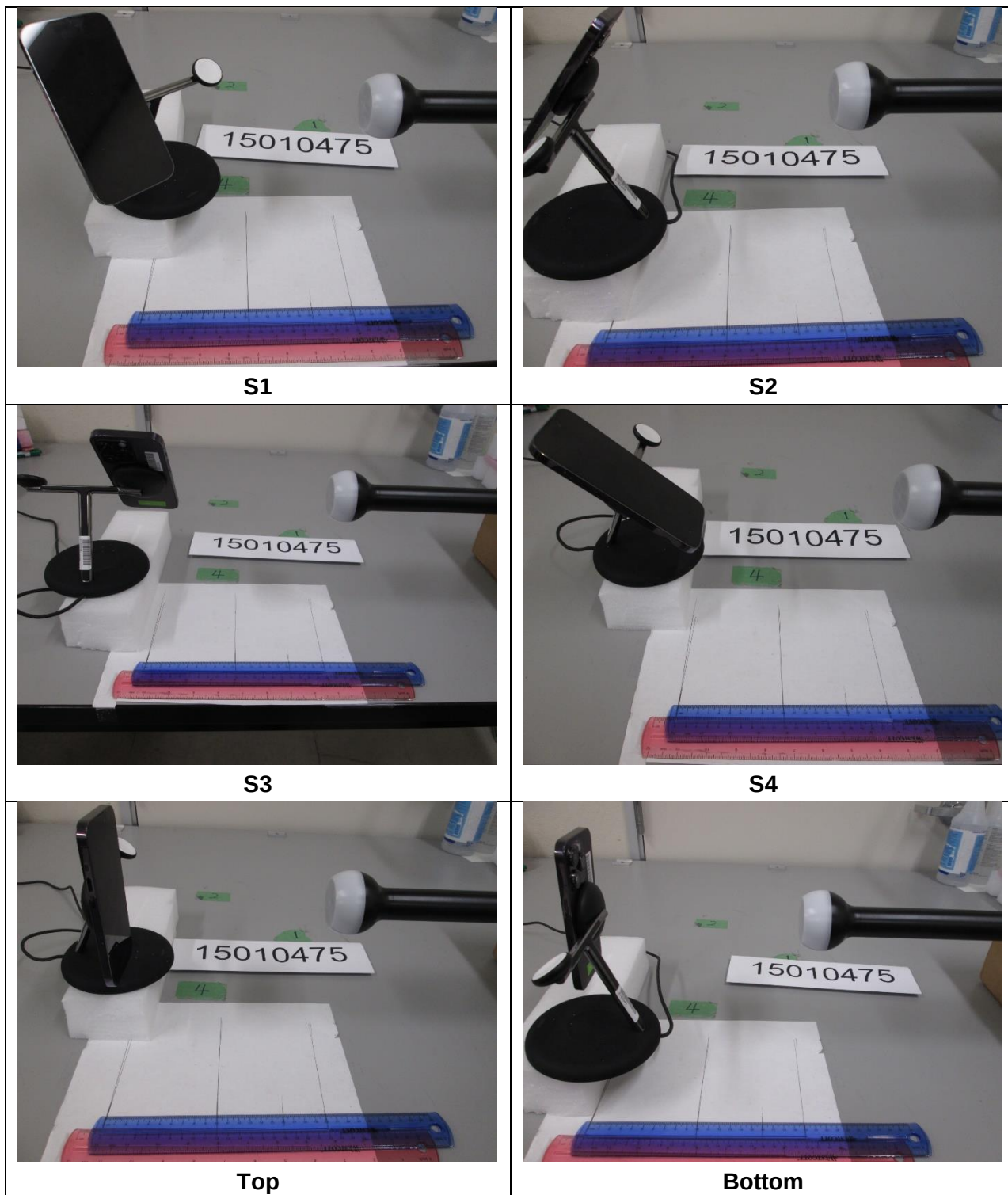
3.3. RF EXPOSRE SETUP PHOTO

3.3.1. CONFIGURATION 1: WPT ON STANDBY

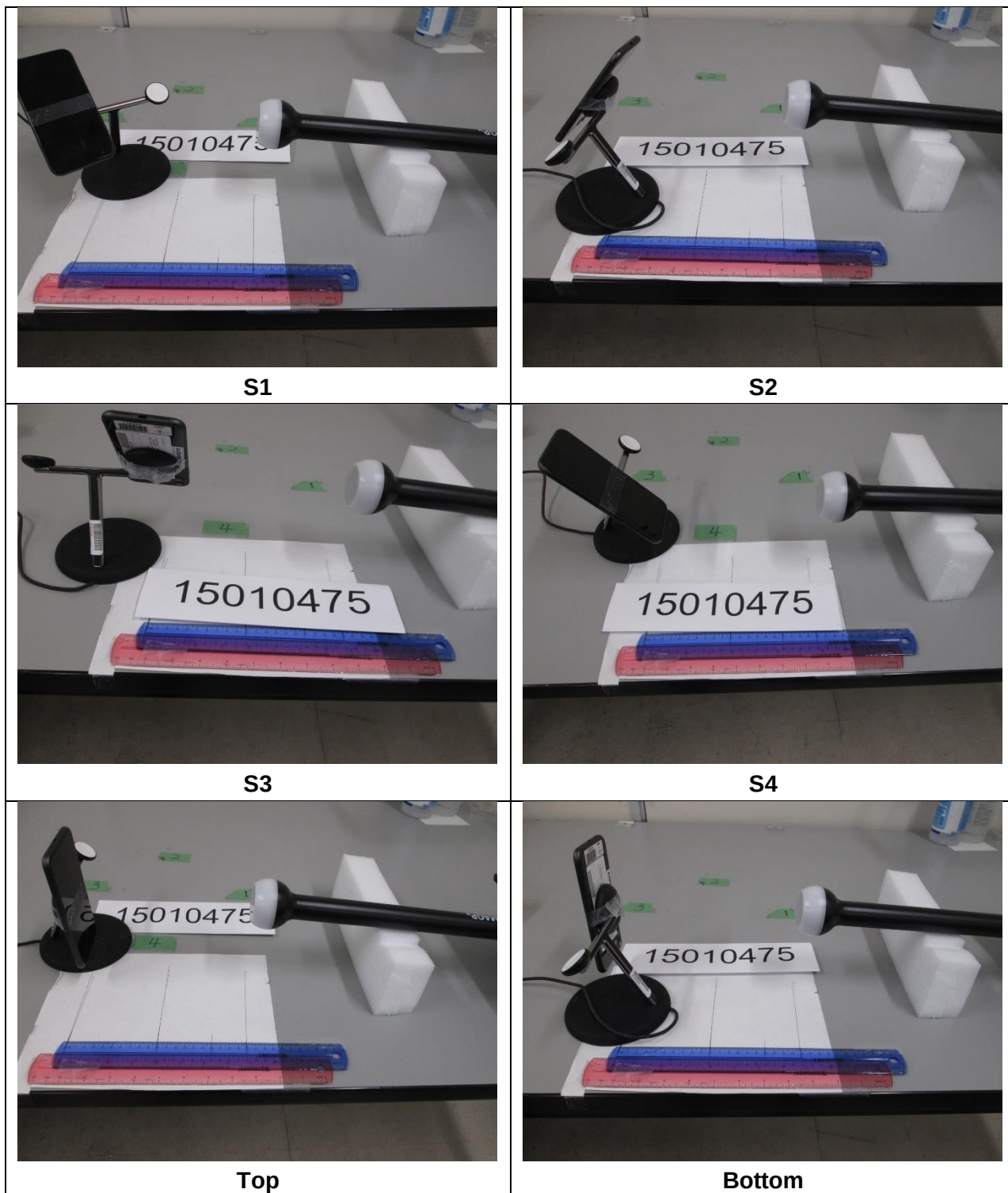
111-148kHz Coil



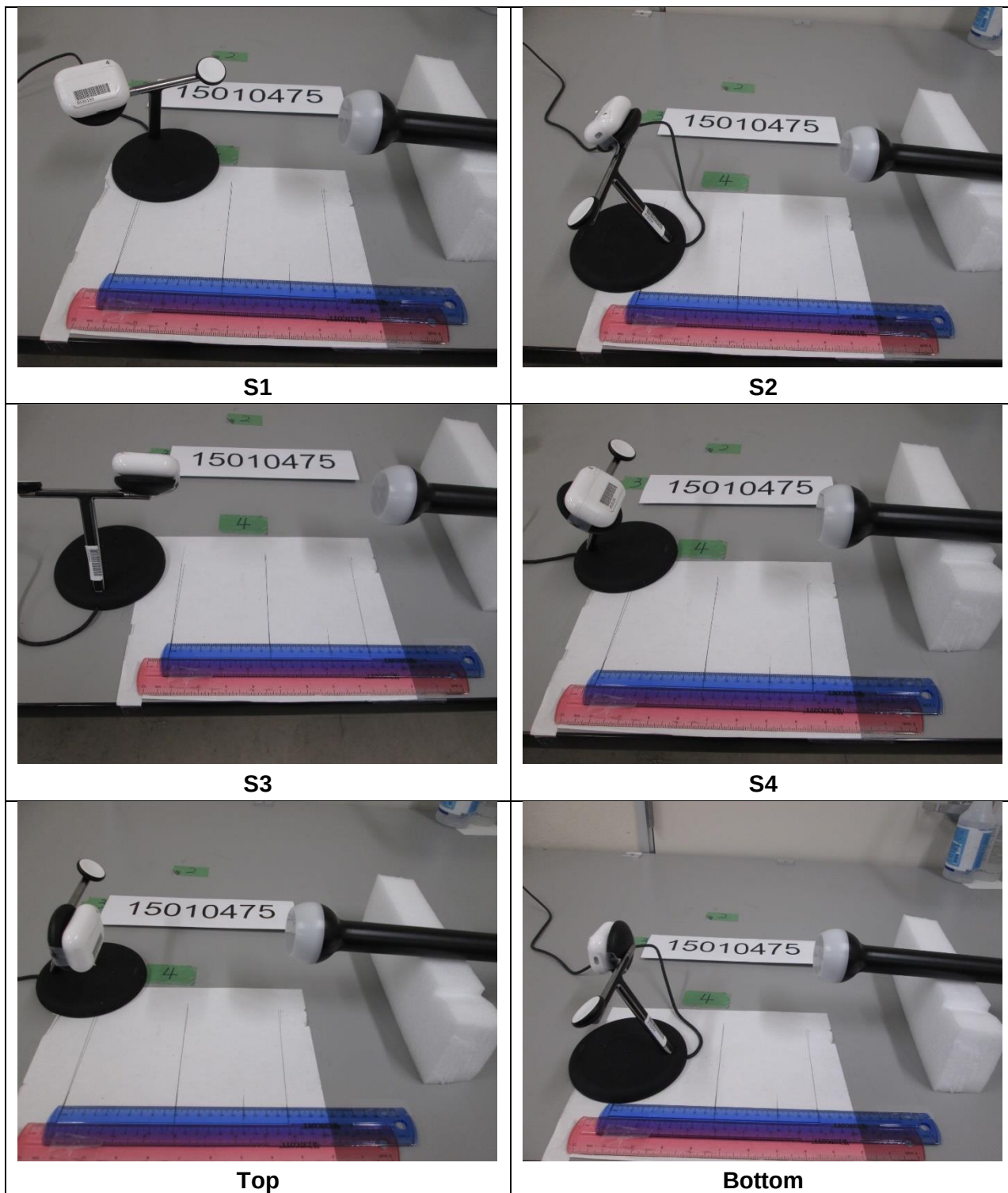
326.5kHz Coil

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

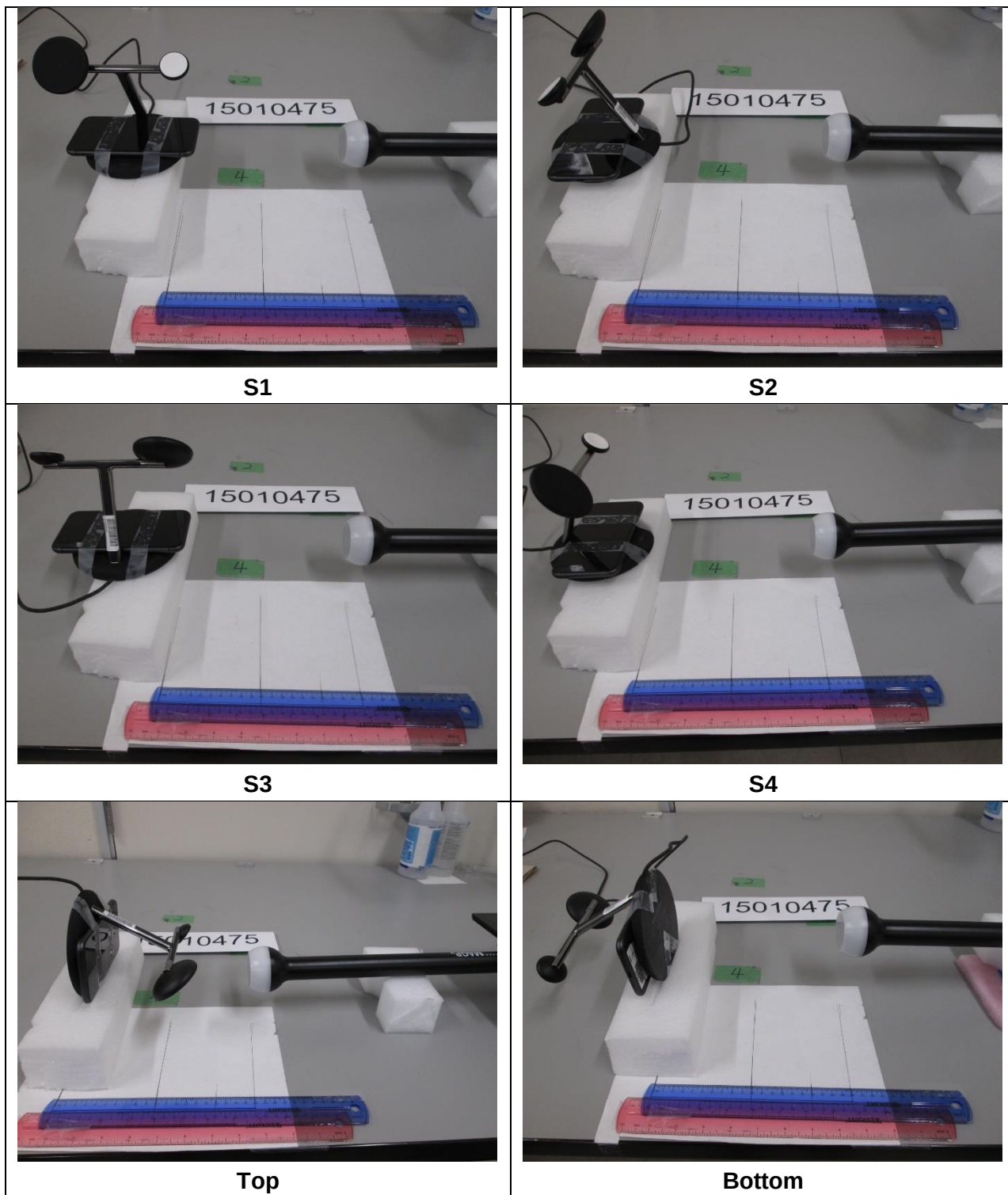
3.3.3. CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)



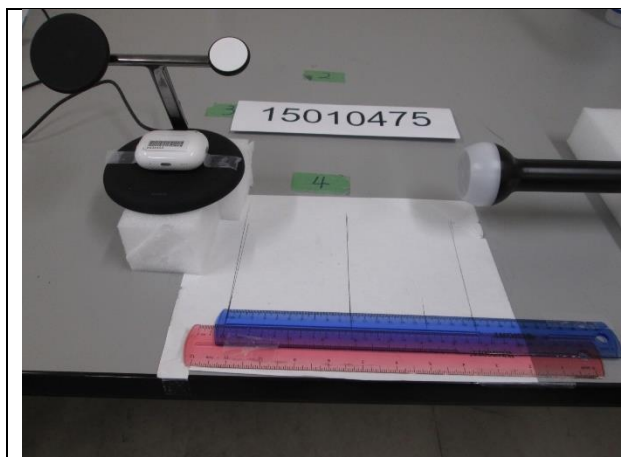
3.3.4. CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)



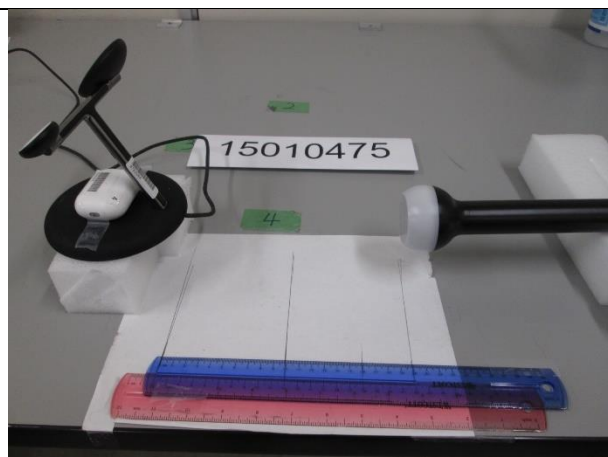
3.3.5. CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)



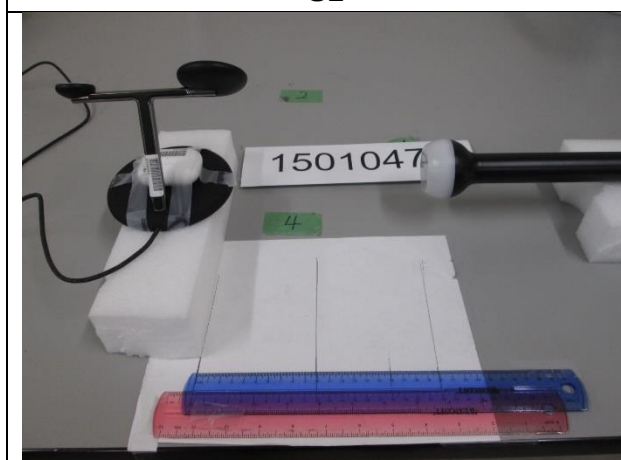
3.3.6. CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)



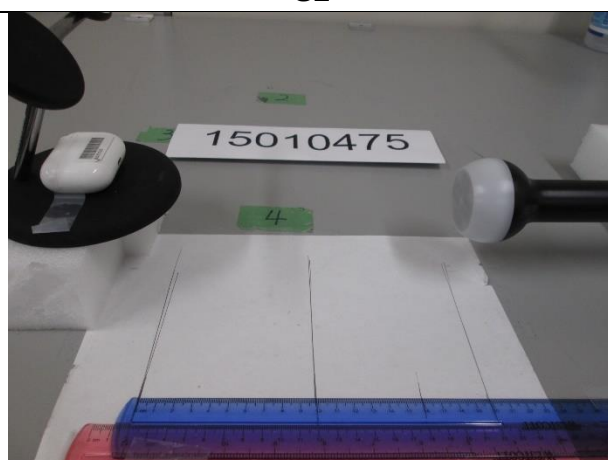
S1



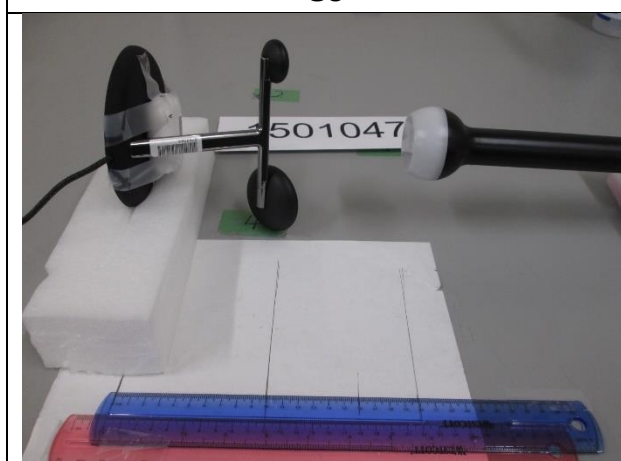
S2



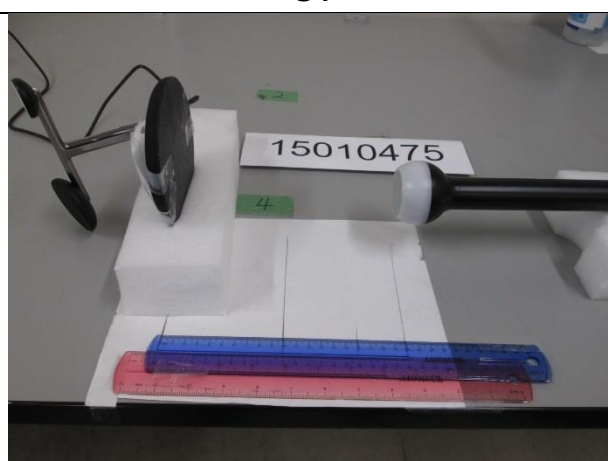
S3



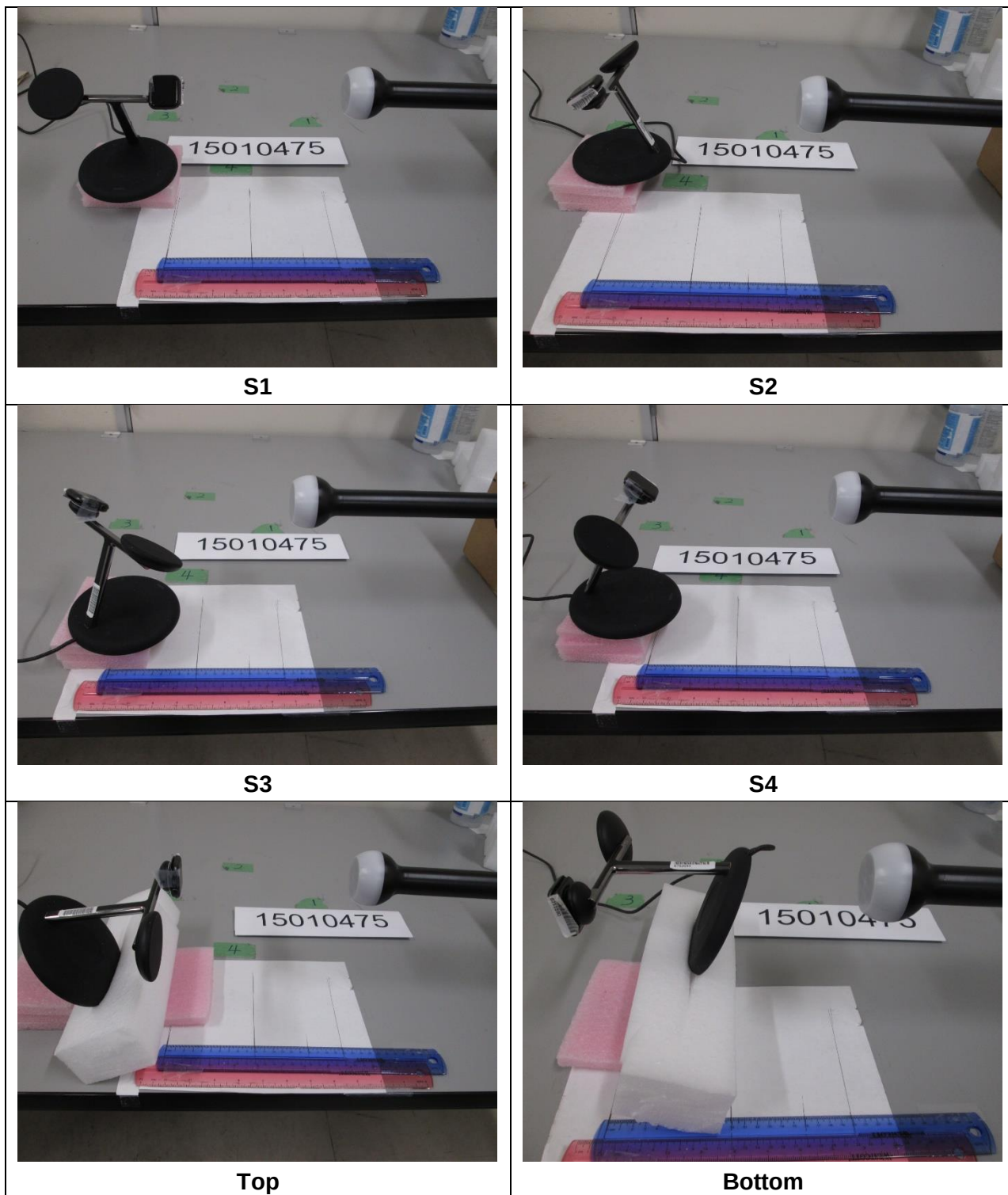
S4



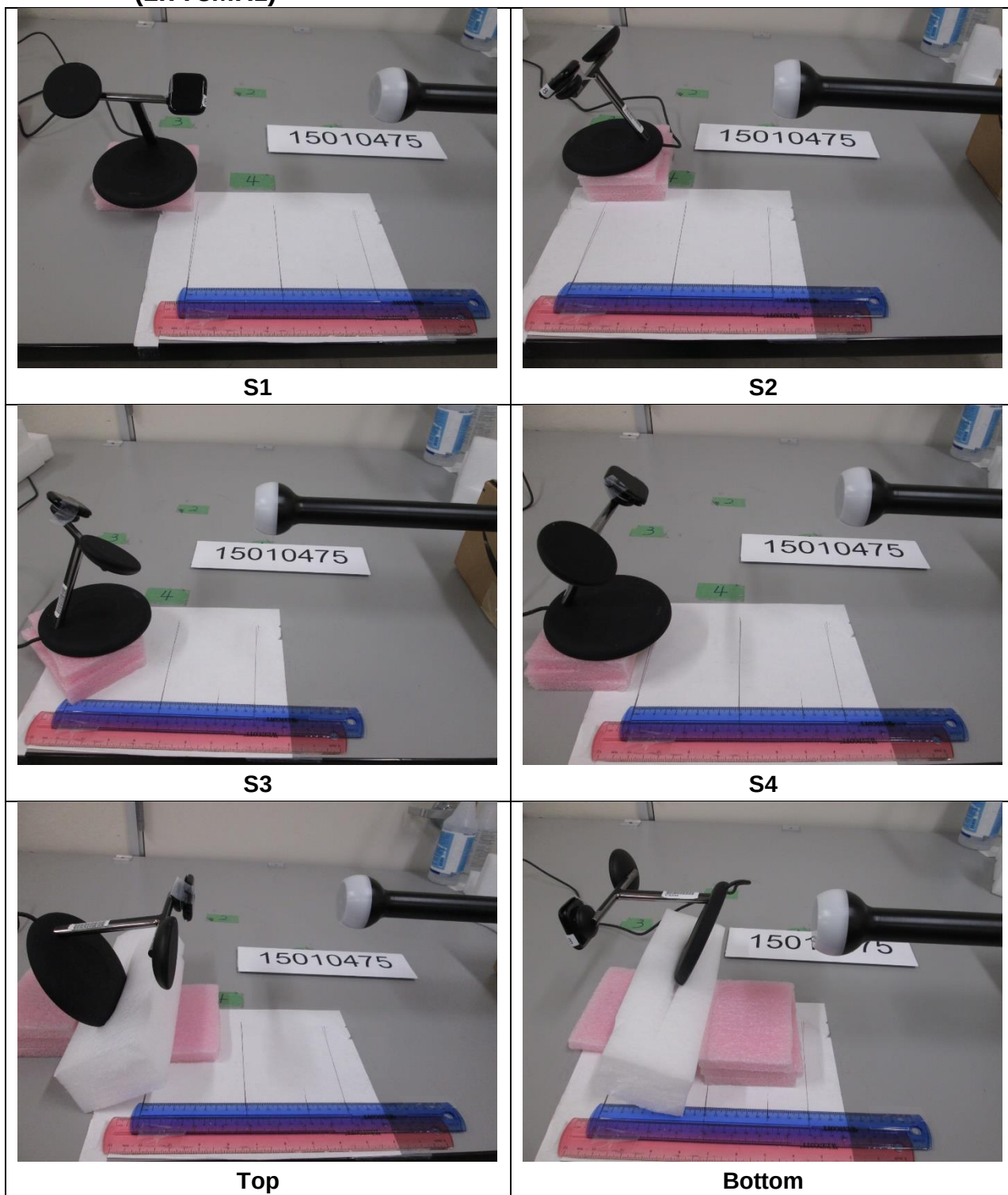
Top



Bottom

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

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

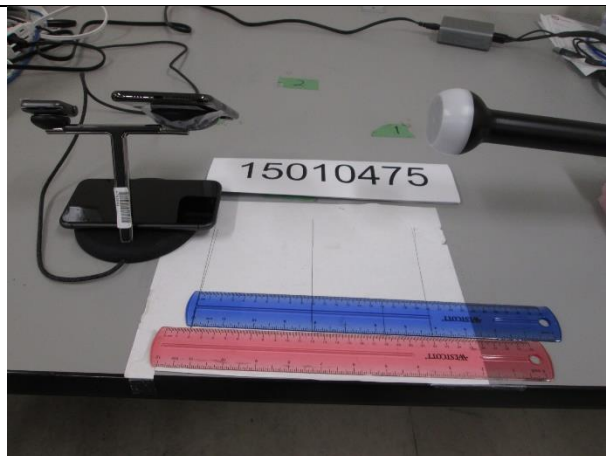


3.3.9. CONFIGURATION 9: OPERATING WITH iPhone (127.7kHz)+ iPhone (111-148kHz)+ Watch (326.5kHz)

127.7kHz Coil



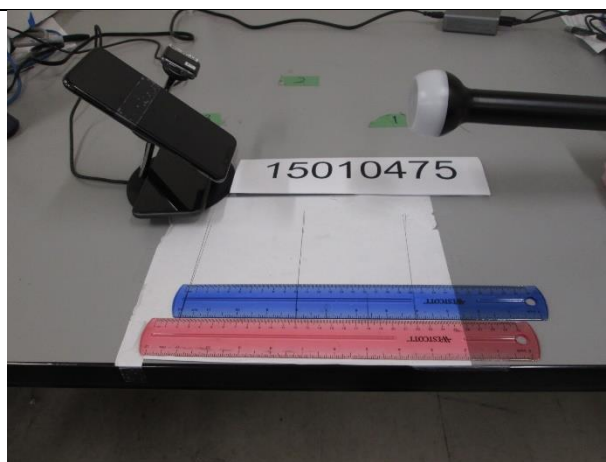
S1



S2



S3



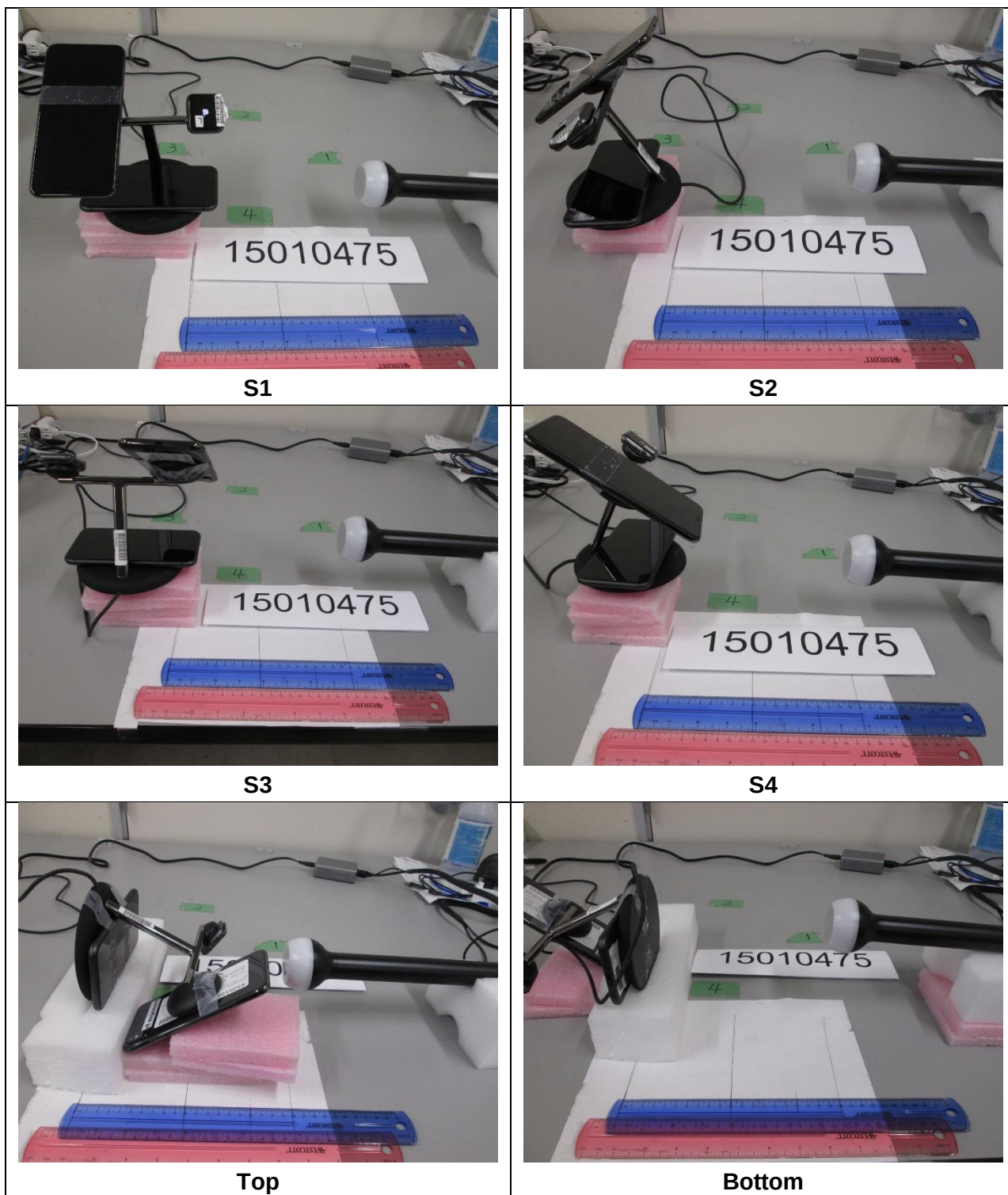
S4

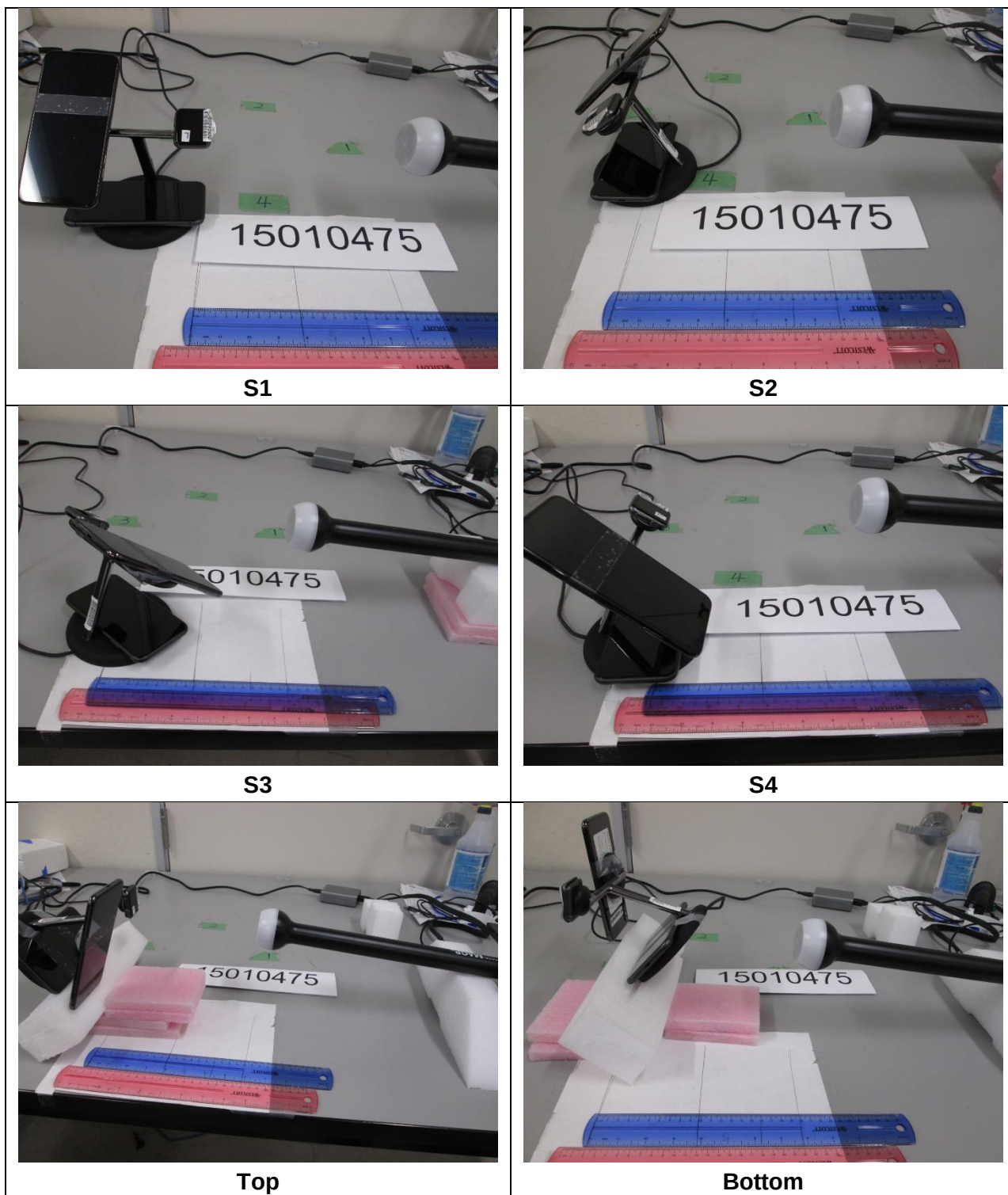


Top



Bottom

111-148kHz Coil

326.kHz Coil**END OF REPORT**