Report Number: 15240874-EP1V1

TABLE OF CONTENTS

1. SCOPE

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

| Reports |
|---|
| 15240874-E1 FCC WPT Report |
| 15240874-E2 FCC WPT RF Exposure Report |

2. WPT TECHNOLOGY (15240874-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	Not available	DoC
Phone 15 Pro (Grey)	Apple	A2848	KXX36L6R1P	BCG-E8435A
Phone 15 Pro (Grey)	Apple	A2848	DW96RX9HLH	BCG-E8435A
Legacy Phone 11 Pro (grey)	Apple	A2161	FK1ZMDRGN70C	BCG-E3306A
Legacy Phone 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
Apple Watch Series 7	Apple	A2474	TF7MKCXC9Q	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 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	KNYPMV99QX	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.
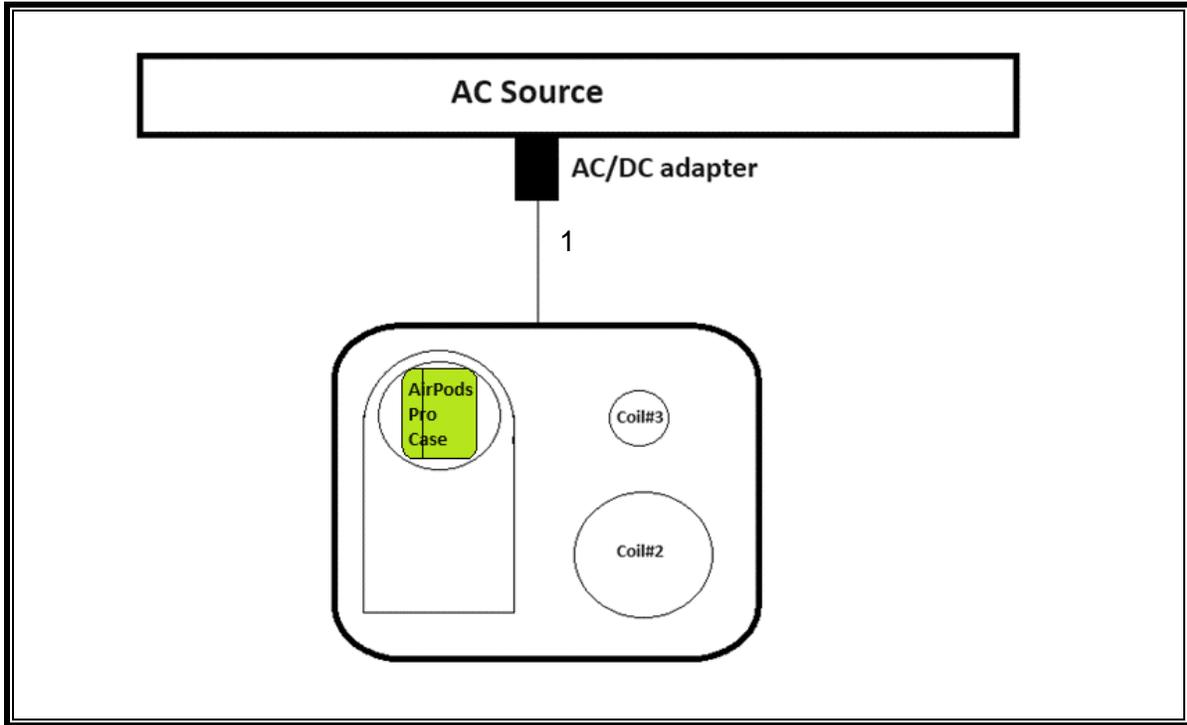
TEST SETUP BLOCK DIAGRAM
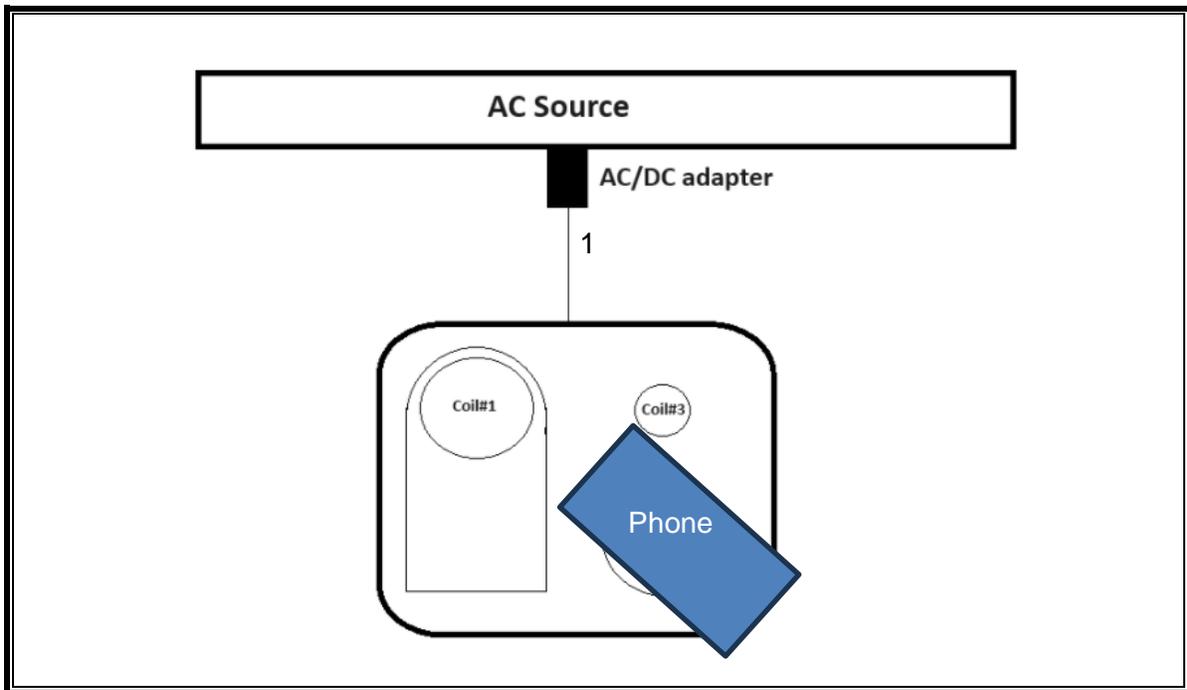
CONFIGURATION 1: WPT ON STANDBY
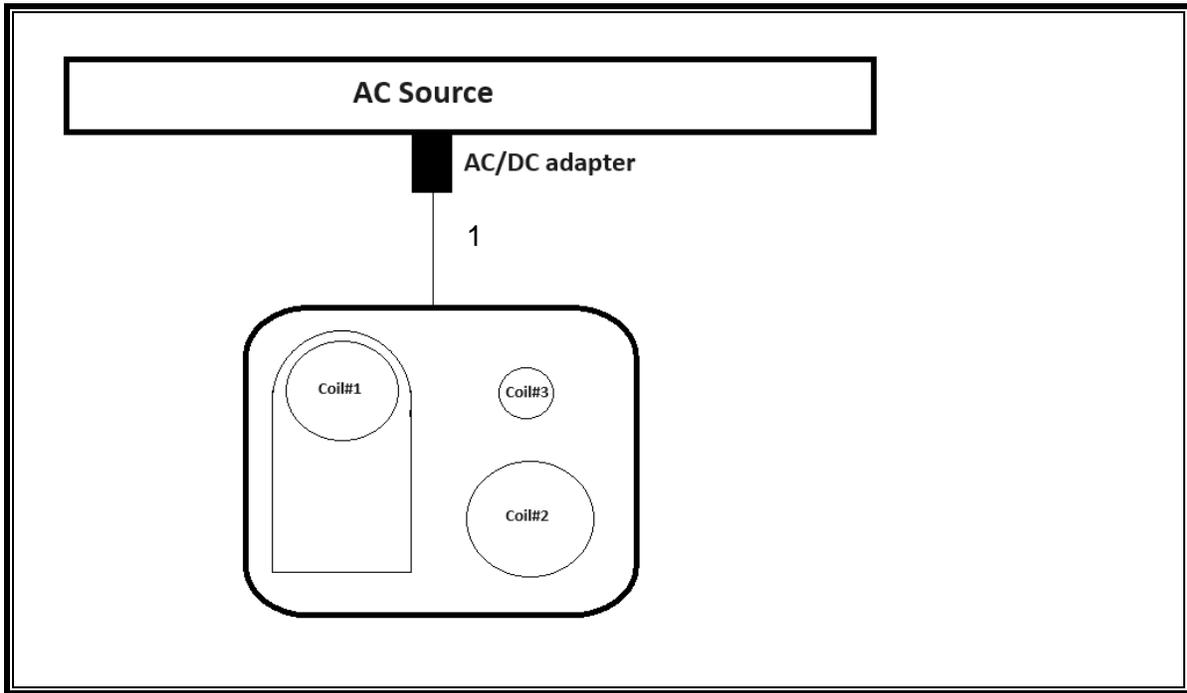
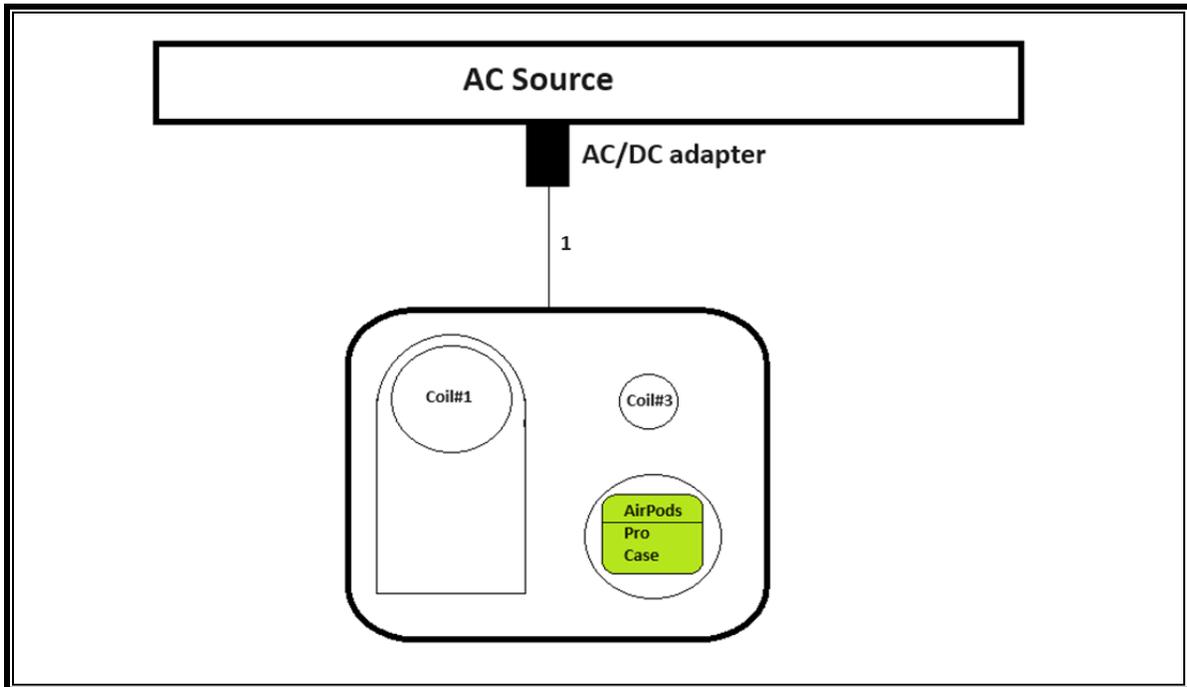**CONFIGURATION 2/3: OPERATING MODE WITH PHONE**
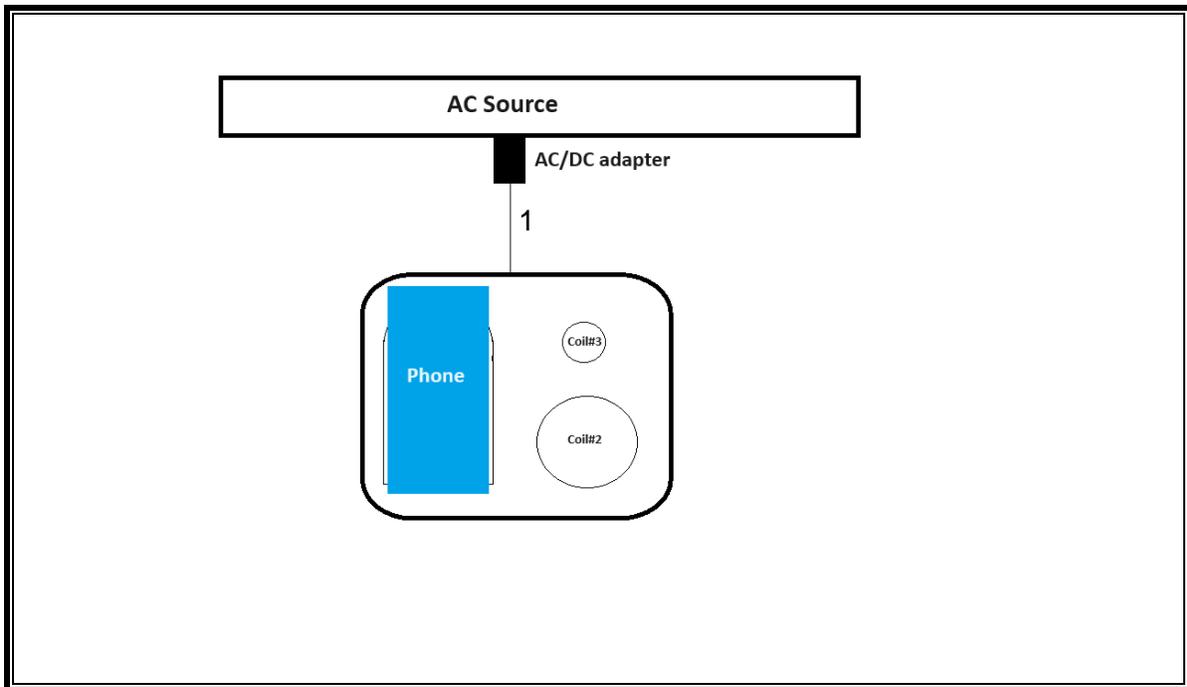
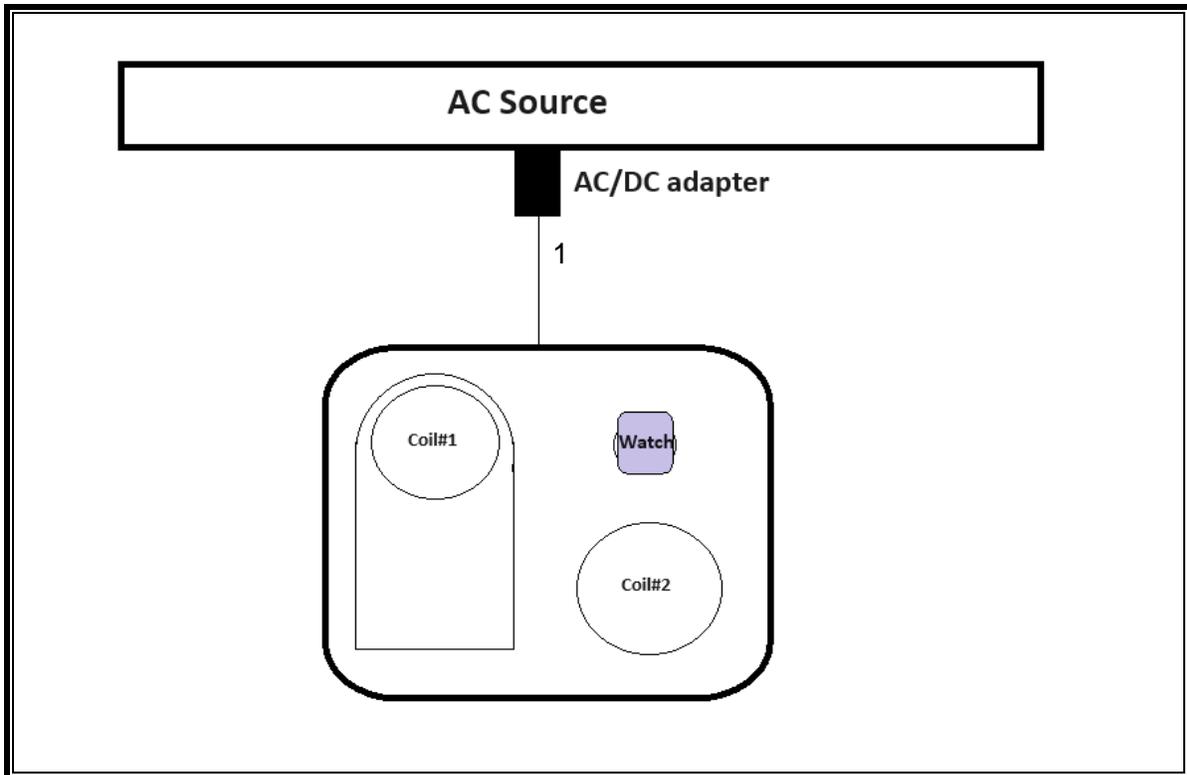**CONFIGURATION 4: OPERATING MODE WITH AIRPODS PRO CASE**

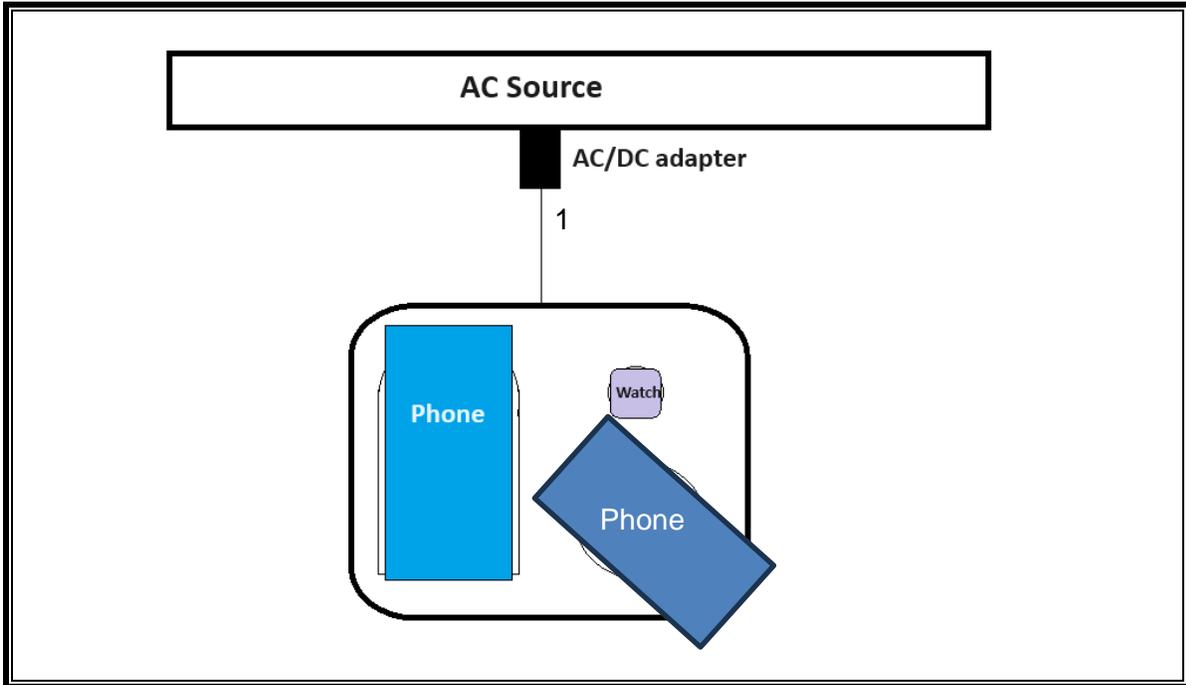**CONFIGURATION 5: OPERATING MODE WITH PHONE**

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
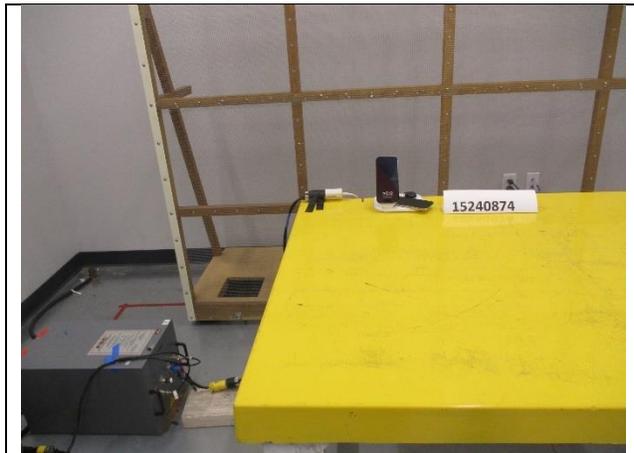
CONFIGURATON 1: WPT ON STANDBY

| AC LINE CONDUCTED (FRONT) | AC LINE CONDUCTED (BACK) |

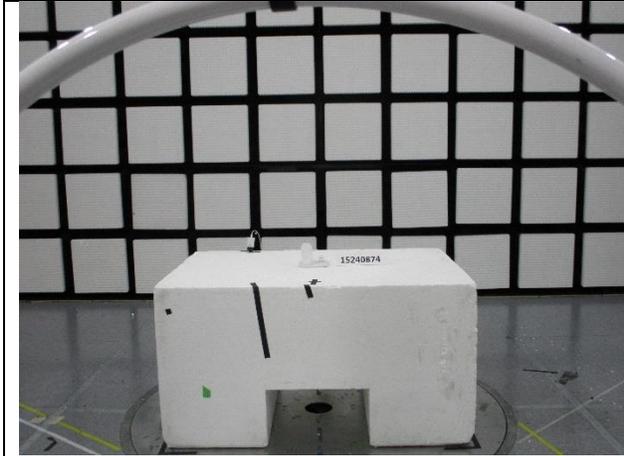### 2.2.2. CONFIGURATON 9: OPERATING MODE WITH PHONE + PHONE+ WATCH

| AC LINE CONDUCTED (FRONT) | AC LINE CONDUCTED (BACK) |

2.3.　　WPT RADIATED RF MEASUREMENT SETUP
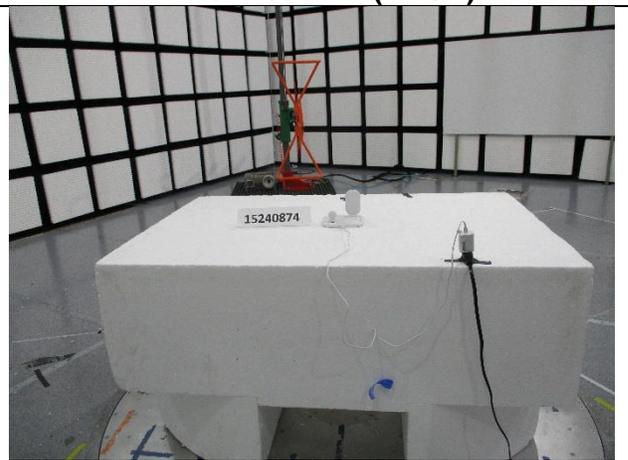
CONFIGURATION 1: WPT ON STANDBY

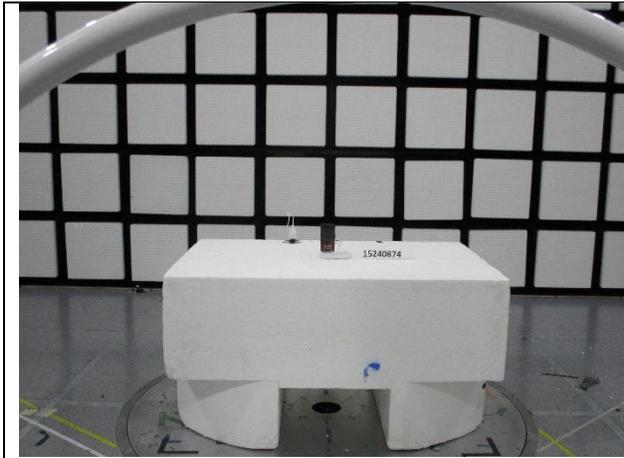**BELOW 30 MHz (FRONT)**
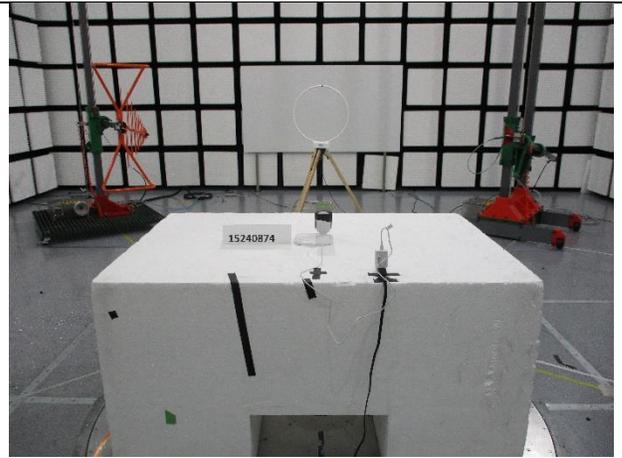

BELOW 30 MHz (BACK)

BELOW 1GHz (FRONT)

BELOW 1GHz (BACK)
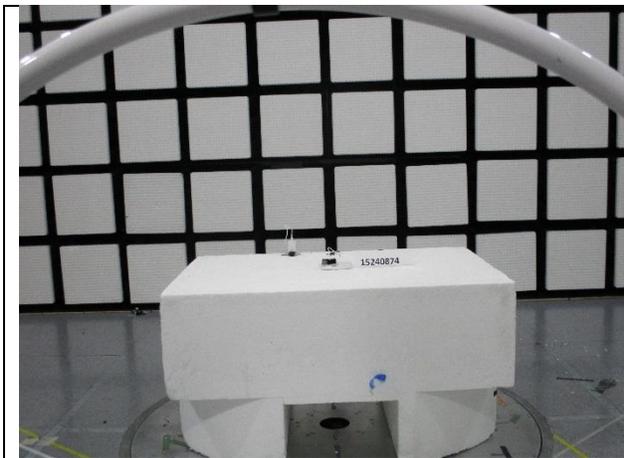
CONFIGURATION 2: OPERATING MODE WITH Phone (360kHz)

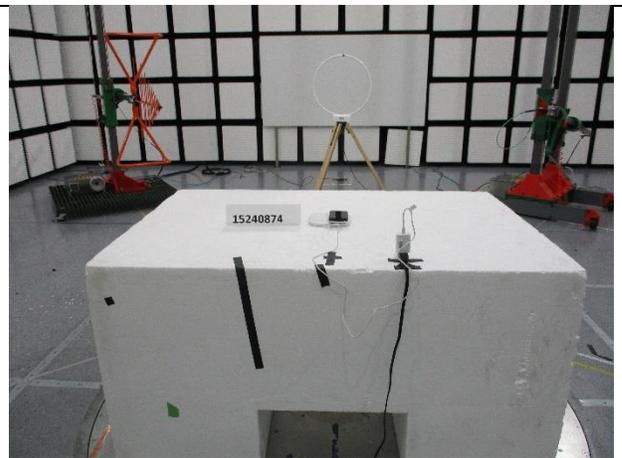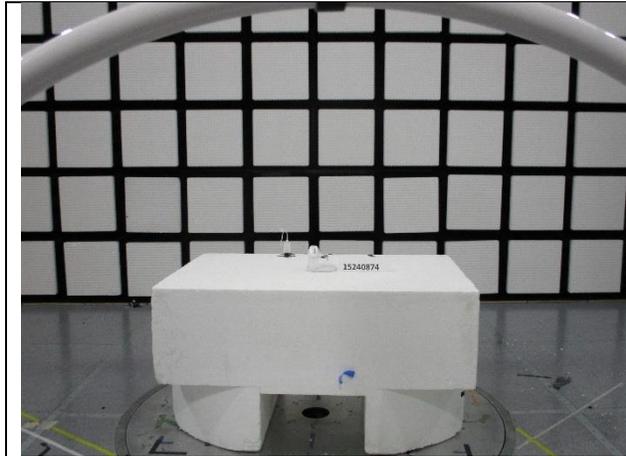| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

CONFIGURATION 3: OPERATING MODE WITH Phone (127.7kHz)

2.3.3.

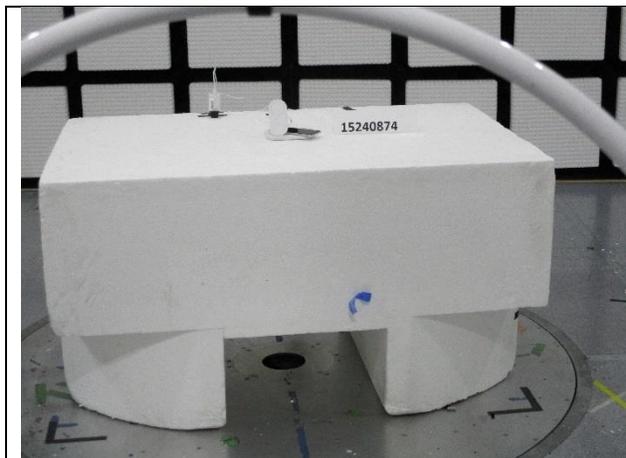| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

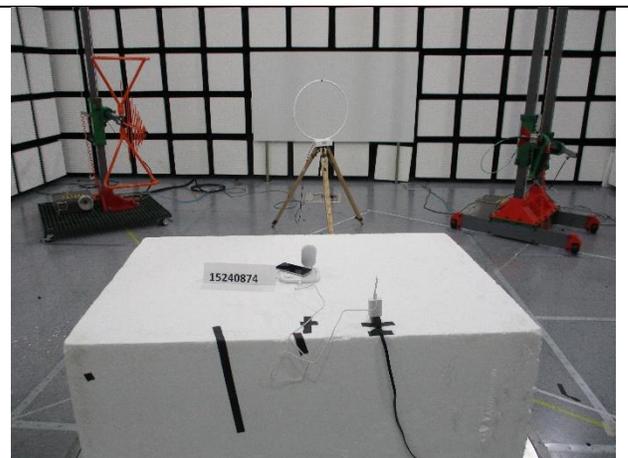## CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)

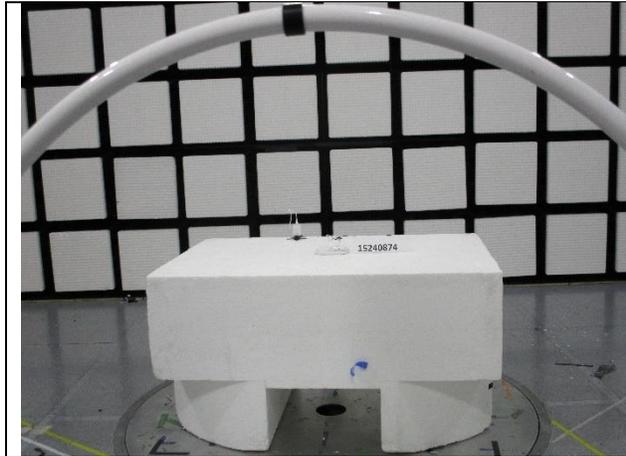| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

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

2.3.5.

| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

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

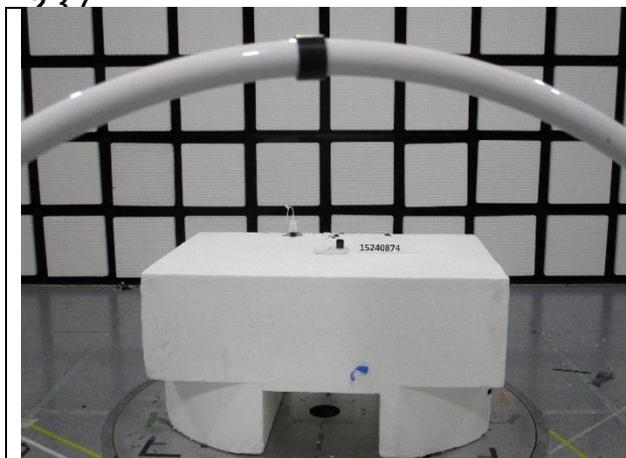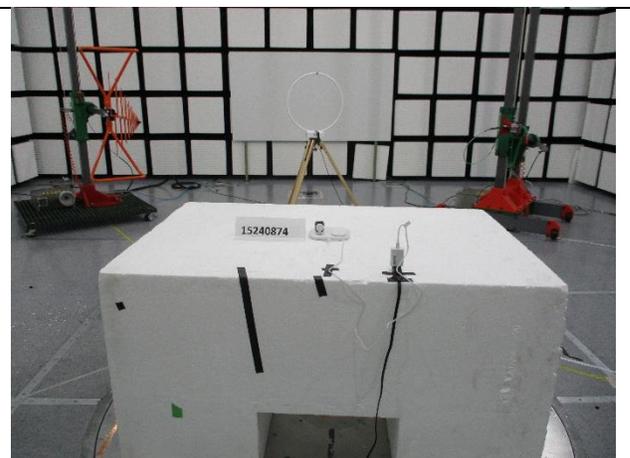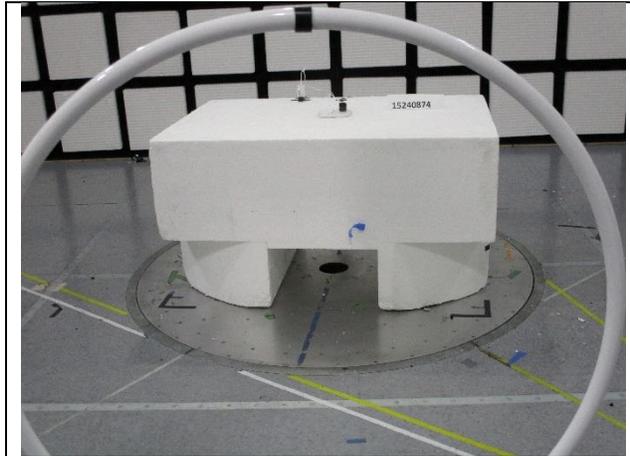| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

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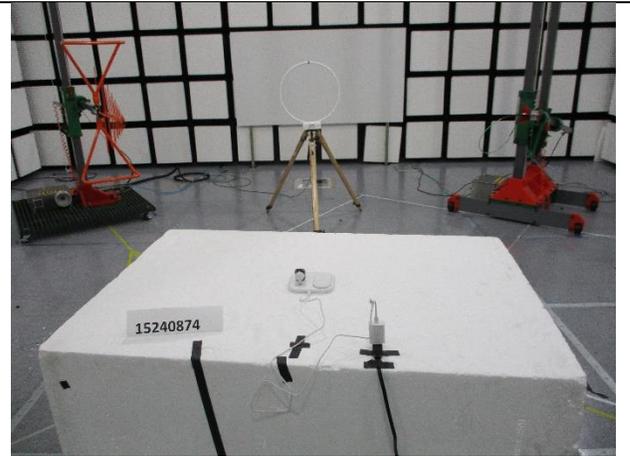
2.3.7

| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

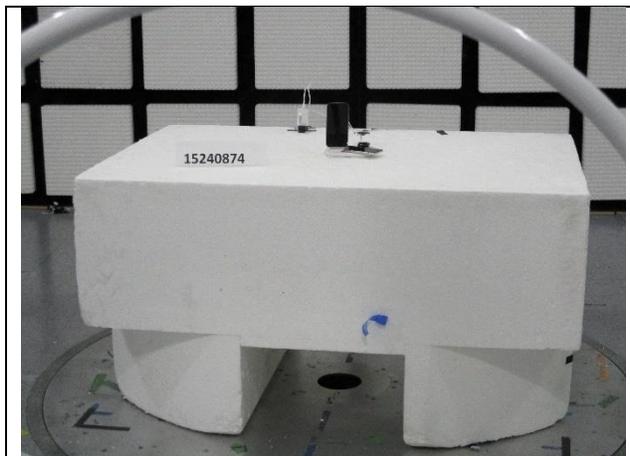## CONFIGURATION 8: OPERATING MODE WITH Watch (1.778MHz)
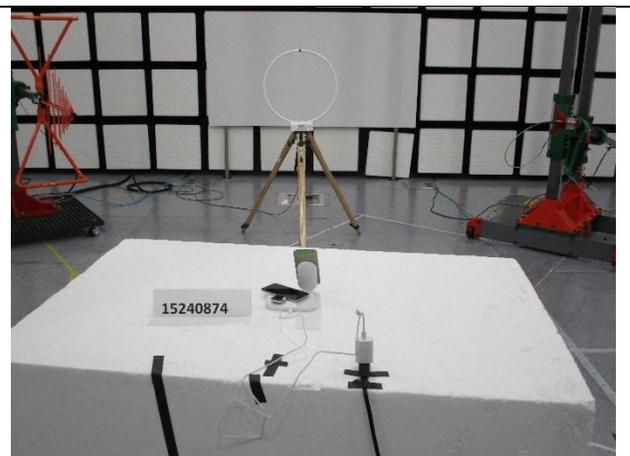

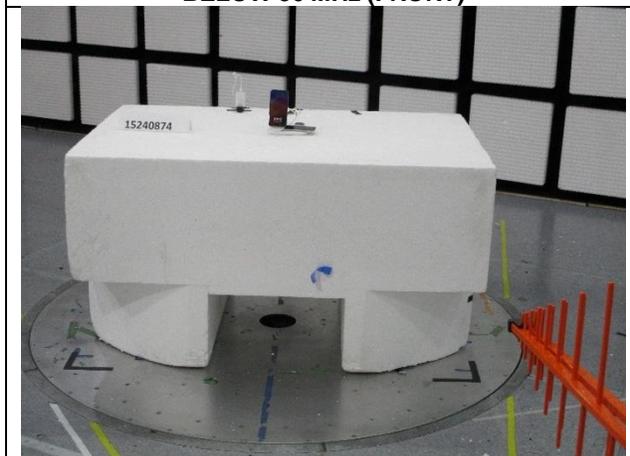| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

2.3.9.

CONFIGURATION 9: OPERATING MODE WITH Phone (360kHz) + Phone (127.7kHz) + Watch (1.778MHz)
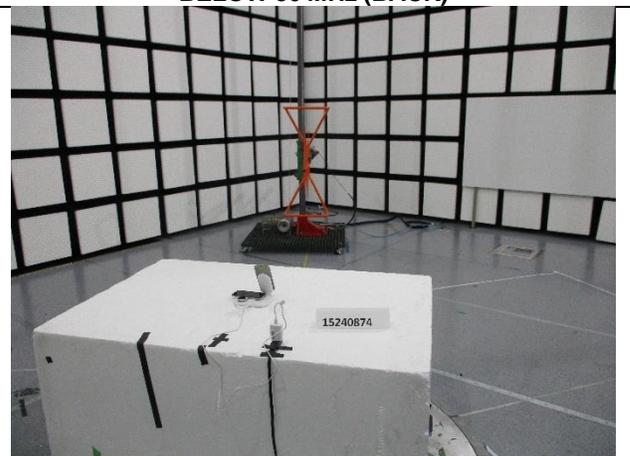

| **BELOW 30 MHz (FRONT)** | **BELOW 30 MHz (BACK)** |

| **BELOW 1GHz (FRONT)** | **BELOW 1GHz (BACK)** |

3. RF EXPOSURE (15240874-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	Not available	DoC
Phone 14 Pro (black)	Apple	A2660	HKWX92F211	579C-E8140A
Phone 14 Pro (Purple)	Apple	A2660	J2GJYV7CK0	579C-E8140A
Legacy Phone 11 (black)	Apple	A2111	C6KZHK1XN72J	BCG-E3309A
Legacy Phone Xs (black)	Apple	A2101	G6TX9247KPH1	BCG-E3234A
Legacy Phone X (black)	Apple	A1901	G6TV37H8JCLH	BCG-E3175A
AirPods Pro Case (3)	Apple	A2700	F2LKXY3CW9	BCG-A2700
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 SE	Apple	A2722	DXK0XH7VXM	BCG- A2722
Legacy Apple Watch SE	Apple	A2722	CY3H94L9XC	BCG- A2722
Legacy Apple Watch SE	Apple	A2722	HHFVyVJHK	BCG- A2722
Legacy Apple Watch	Apple	A1554	FHLPNJQEG9J6	BCG-E2871
Legacy Apple Watch	Apple	A2092	FHLZM8YQMLTK	BCG-A092
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.
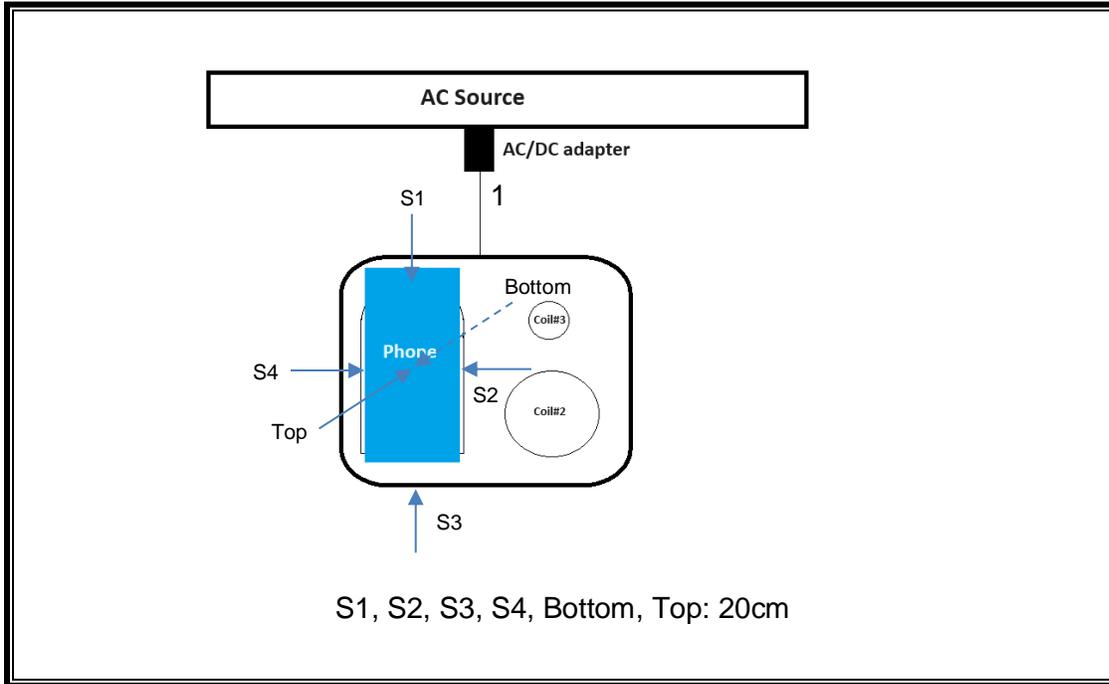
20cm distance E- field and H-field are evaluated at the center of the MAPGy probe.
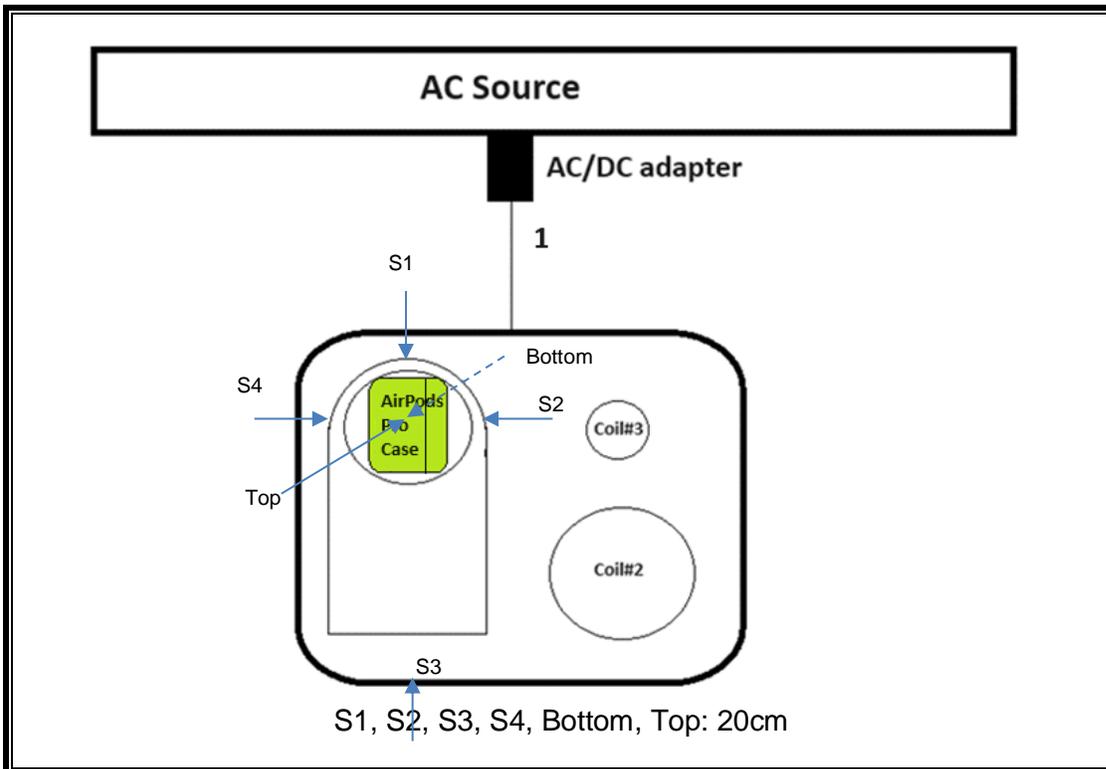1.85cm is compensated when measuring the 20cm distance during testing. Refer to the figure below.
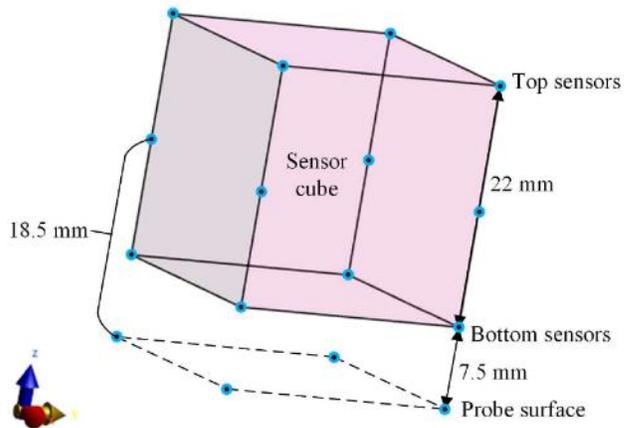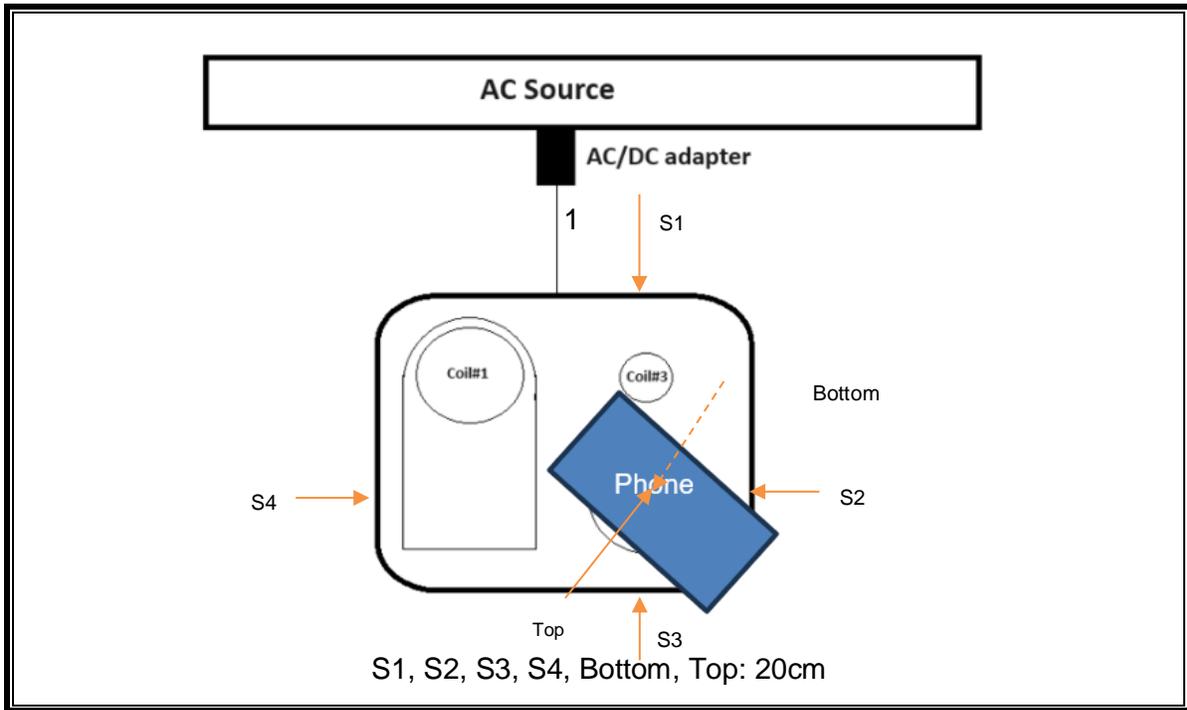
CONFIGURATION 1: STANDBY MODE
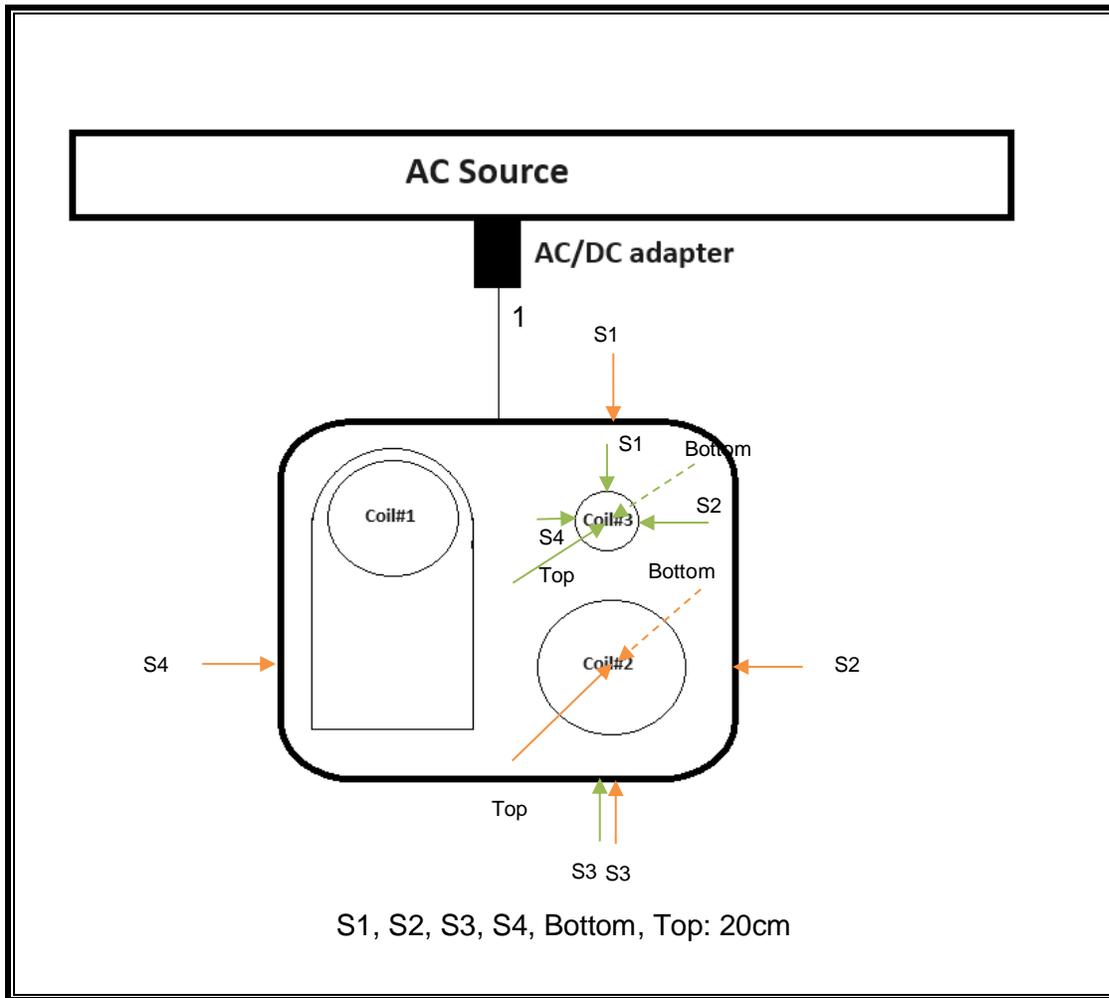
S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 2/3: OPERATING MODE WITH Phone

S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case

S1, S2, S3, S4, Bottom, Top: 20cm
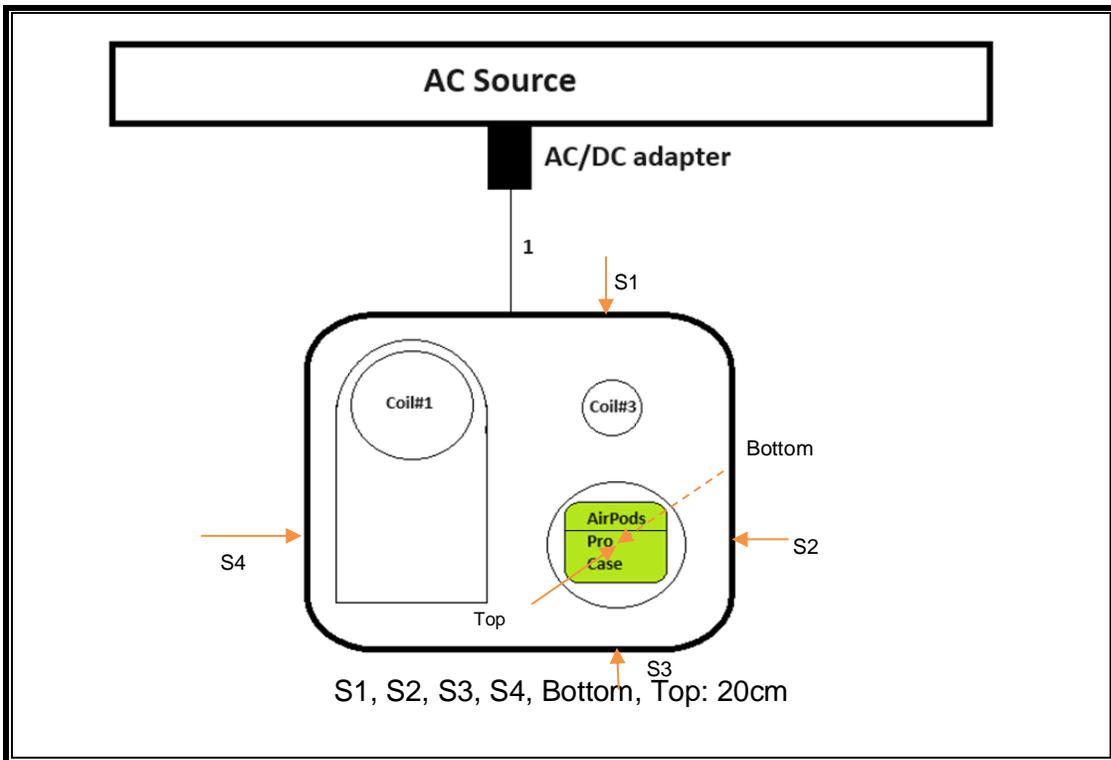
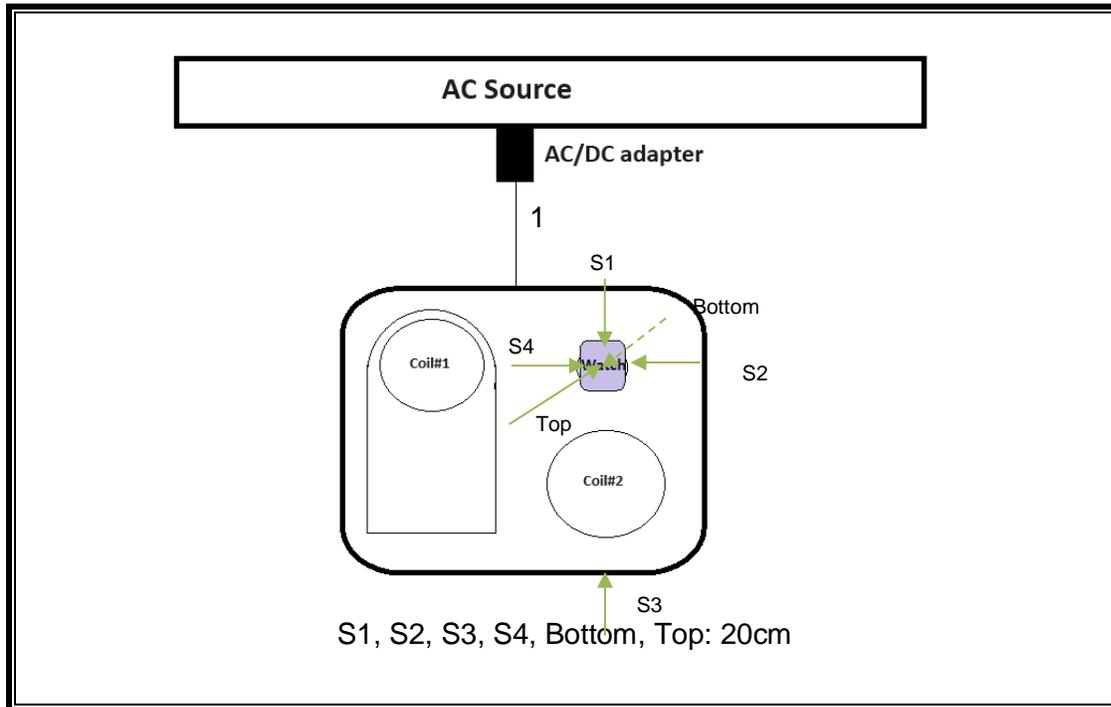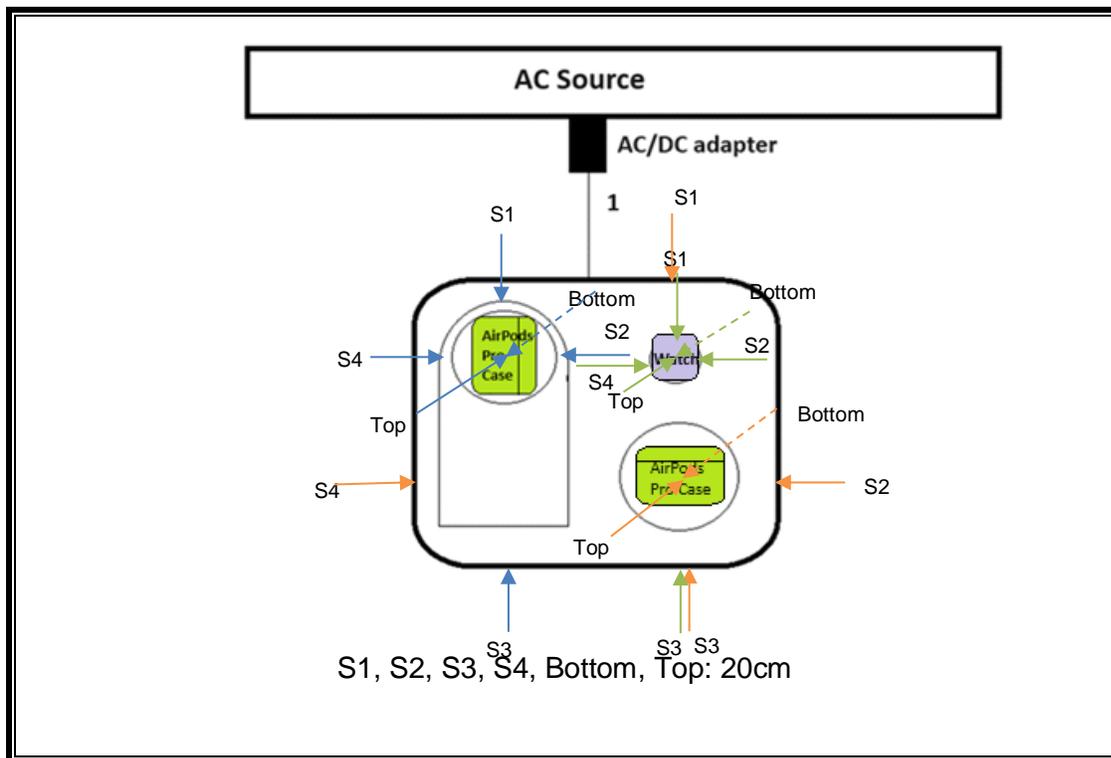**CONFIGURATION 5: OPERATING MODE WITH Phone**

CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case
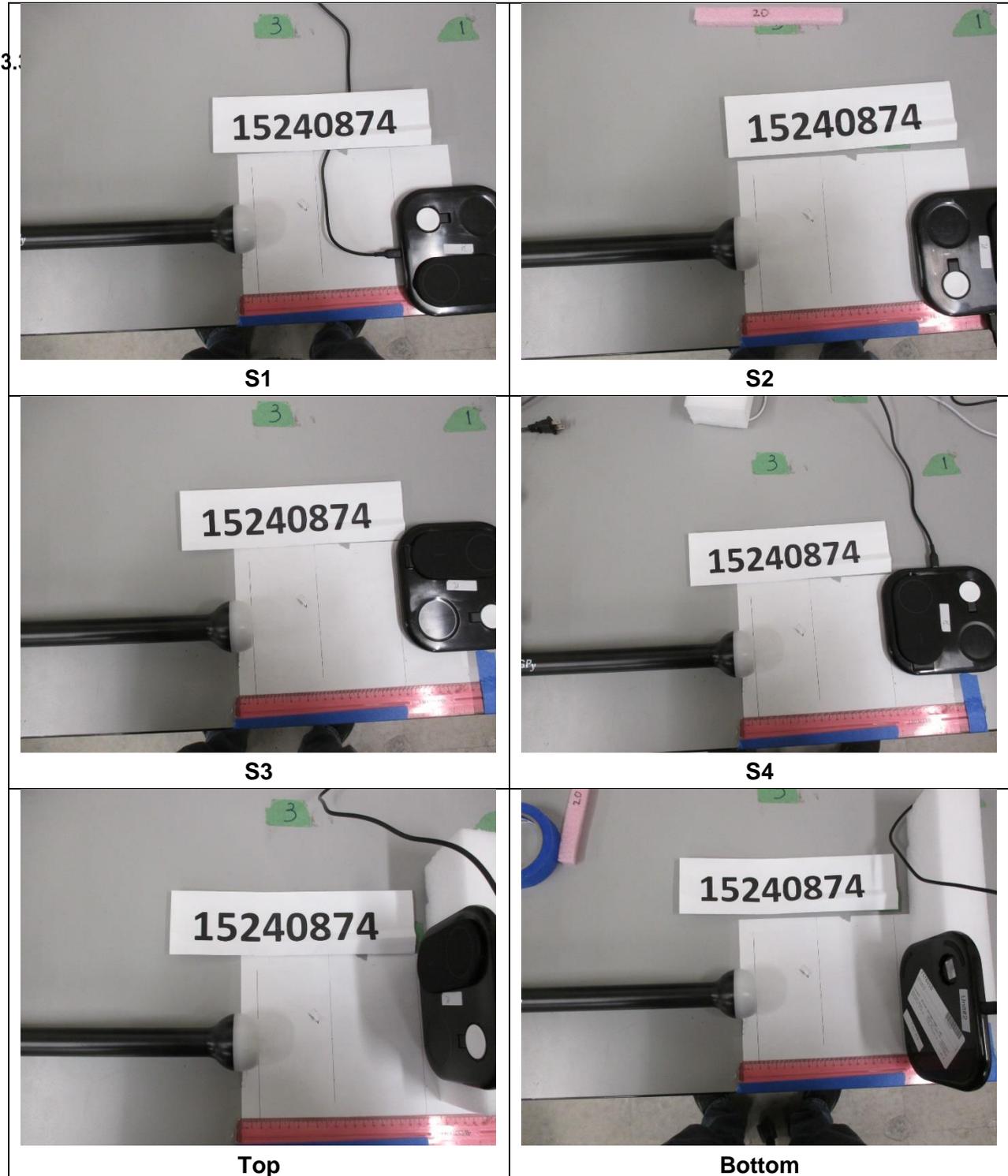
CONFIGURATION 7/8: OPERATING WITH Watch

CONFIGURATION 9: OPERATING MODE WITH AirPods Pro Case + AirPods Pro Case + Watch

3.3.   RF EXPOSURE SETUP PHOTO

CONFIGURATION 1: WPT ON STANDBY

111-148kHz Coil

S1	**S2**
S3	**S4**
Top	**Bottom**

326.5kHz Coil

S1

S2

S3

S4

Top

Bottom

CONFIGURATION 2: OPERATING MODE WITH Phone (360kHz)

S1

S2

S3

S4

Top
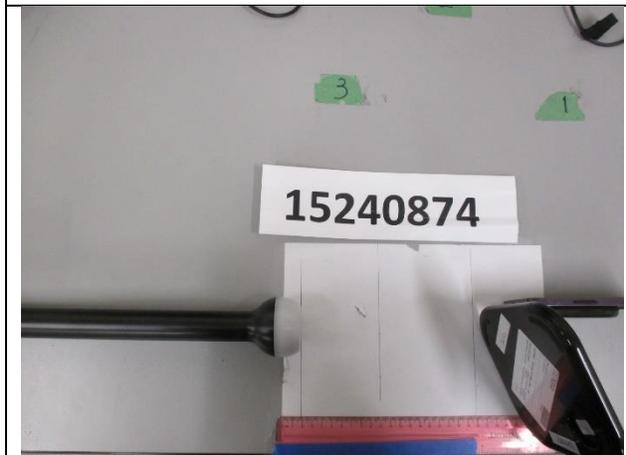
Bottom

CONFIGURATION 3: OPERATING MODE WITH Phone (127.7kHz)

S1

S2

S3

S4

Top
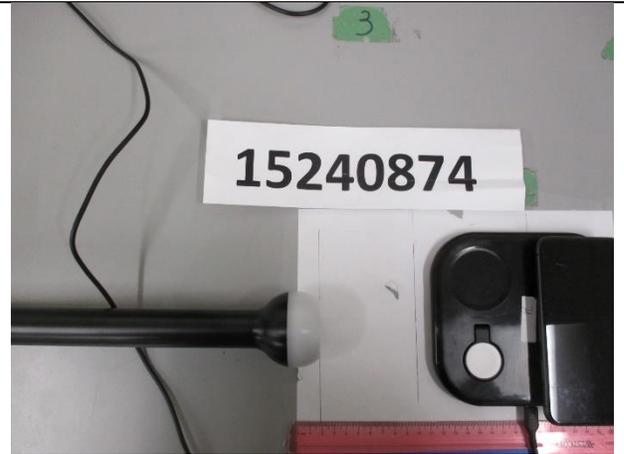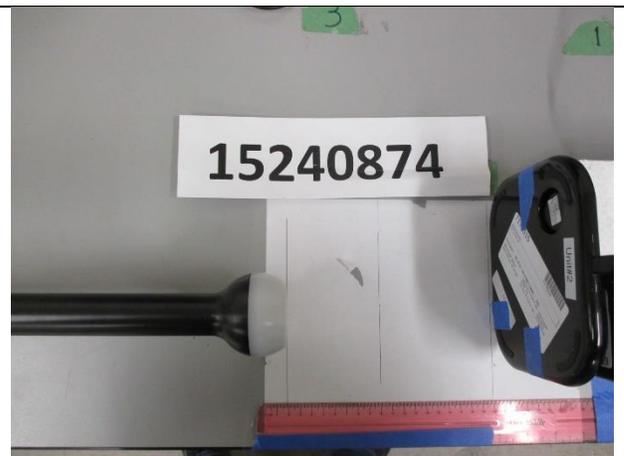
Bottom

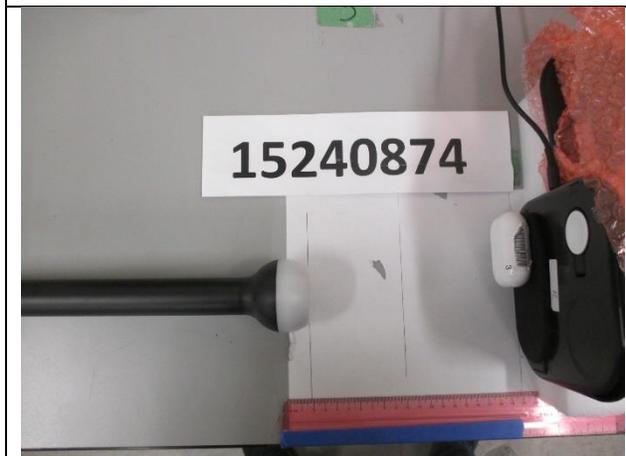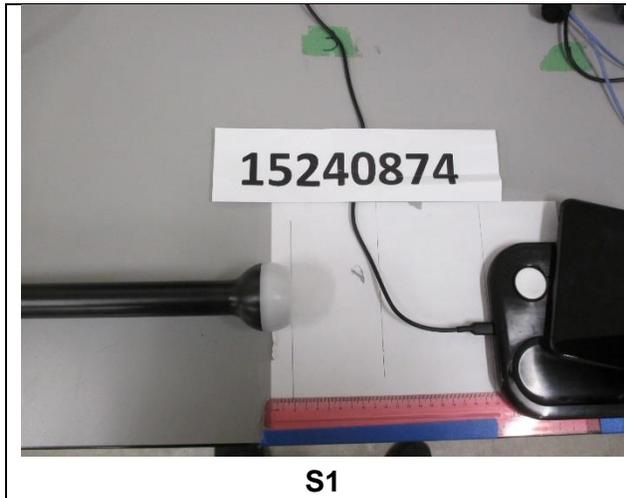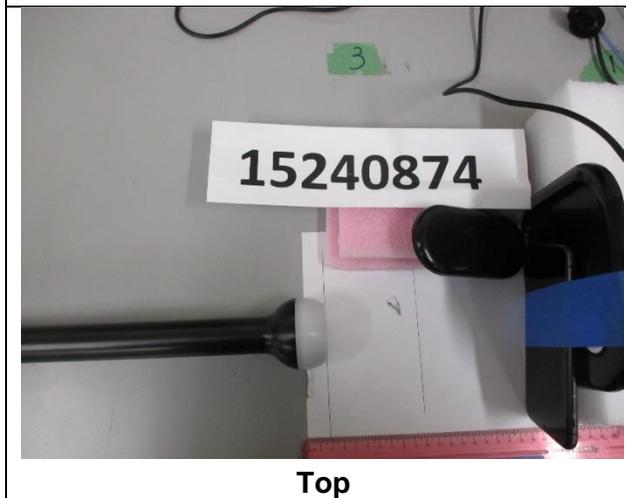## CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)

S1

S2

S3

S4

Top

Bottom

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

S1

S2

S3

S4

Top
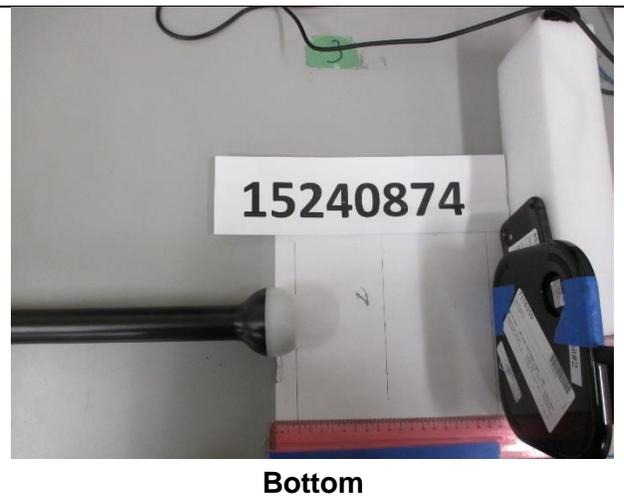
Bottom

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

S1

S2

S3

S4

Top
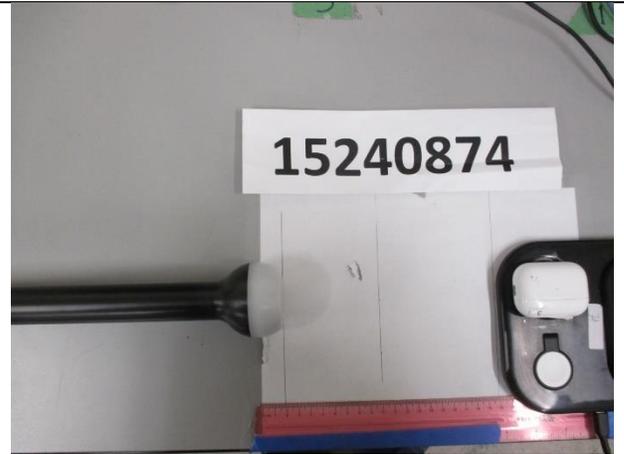
Bottom

CONFIGURATION 7: OPERATING MODE WITH Watch (326.5kHz)

S1

S2

S3

S4

Top
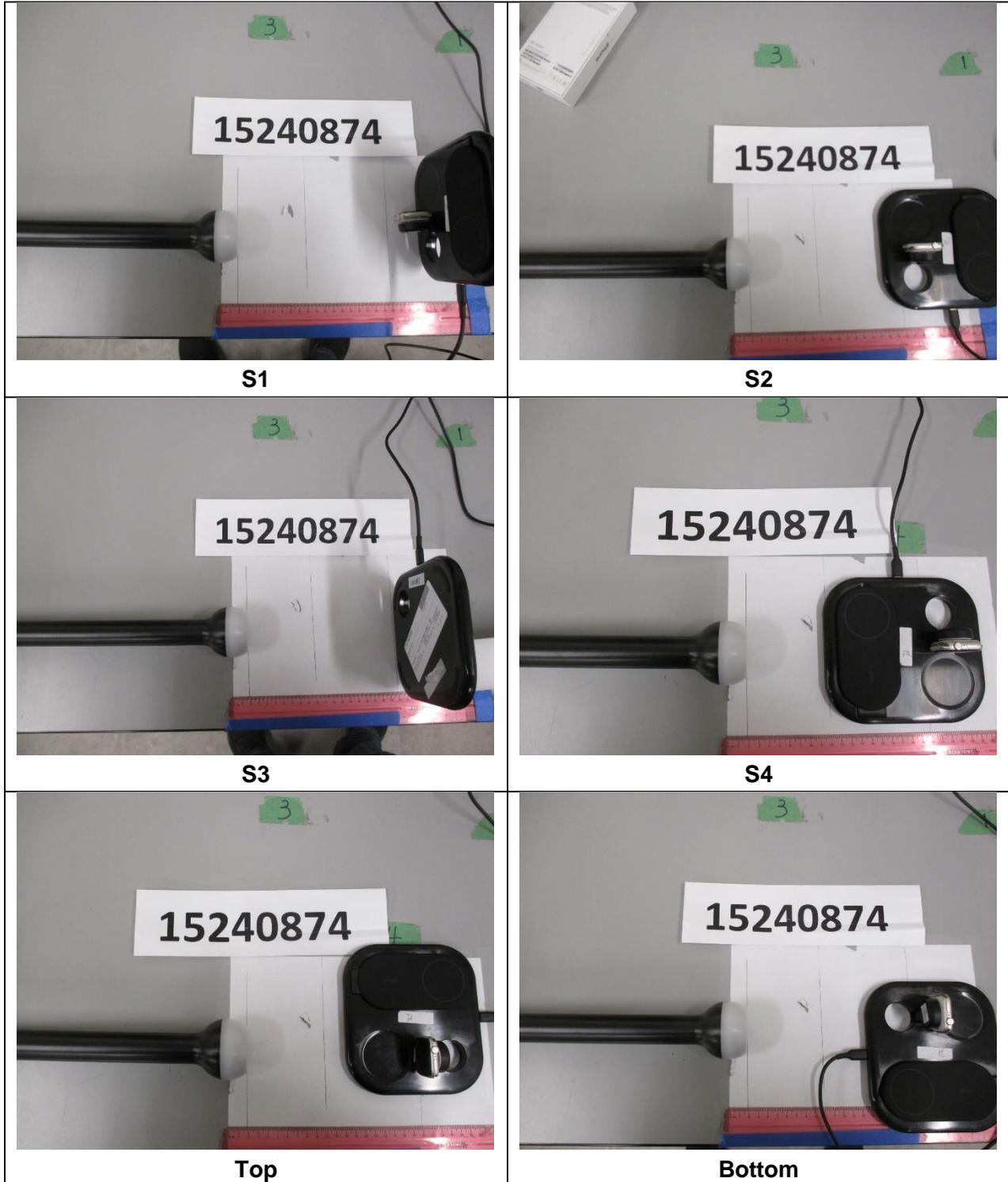
Bottom

CONFIGURATION 8: OPERATING MODE WITH Watch (1.778MHz)

S1

S2

S3

S4

Top

Bottom

CONFIGURATION 9: OPERATING WITH AirPods Pro Case (127.7kHz) + AirPods Pro Case (111-148kHz) + Watch (326.5kHz)
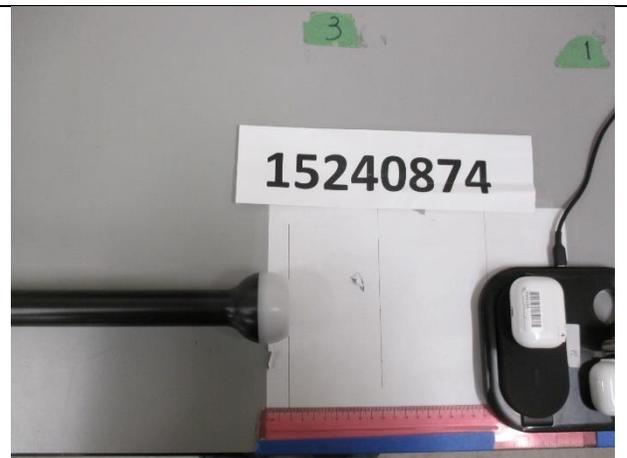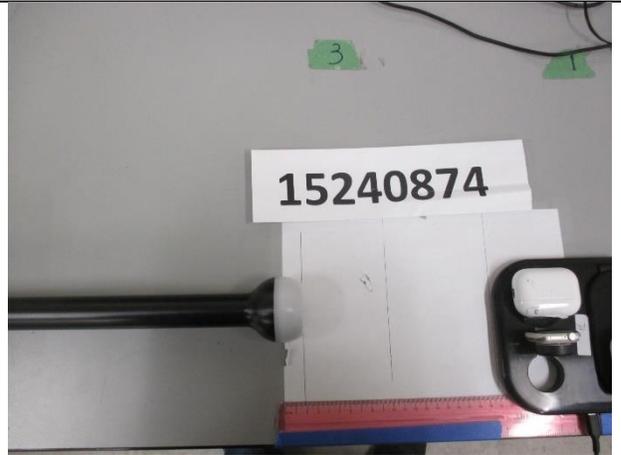
127.7kHz Coil

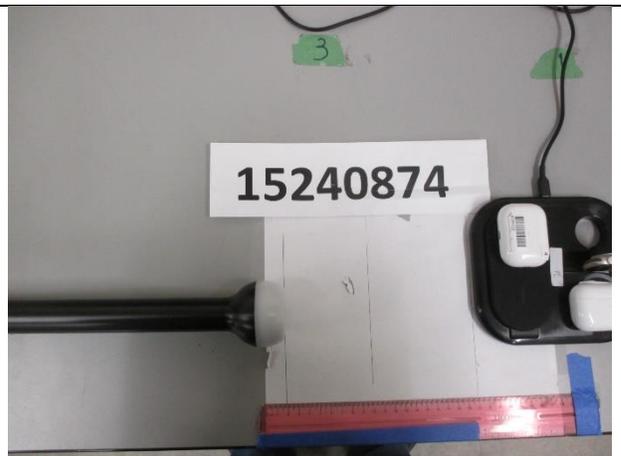**S1**

S2

S3

S4

Top

Bottom

111-148kHz Coil

S1

S2

S3

S4

Top

Bottom

326.5kHz Coil
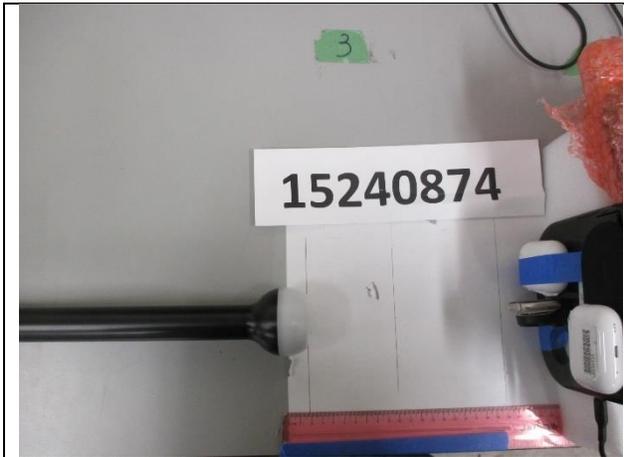
S1	S2
S3	S4
Top	Bottom

END OF REPORT