Report Number: 15365975-EP1V1

TABLE OF CONTENTS

1. SCOPE

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

Reports
15365975-E1 FCC WPT Report
15365975-E2 FCC WPT RF Exposure Report

2. WPT TECHNOLOGY (15365975-E1 Report)

2.1. DESCRIPTION OF TEST SETUP

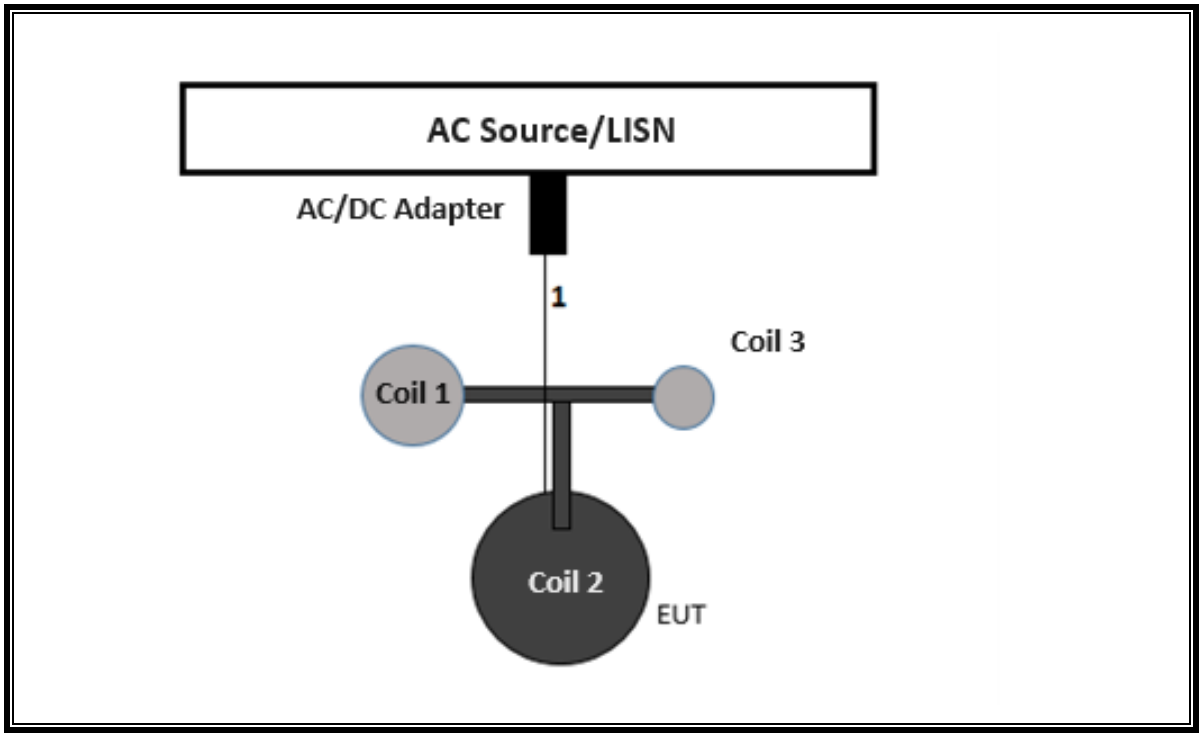
SUPPORT TEST EQUIPMENT				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**
AC/DC Adapter	belkin	2ACR040G	Not available	DoC
iPhone 15 Pro (Grey), Max 15W	Apple	A2848	KXX36L6R1P	BCG-E8435A
iPhone 15 Pro (Grey), Max 15W	Apple	A2848	DW96RX9HLH	BCG-E8435A
Legacy iPhone 11 Pro (grey), Max 7.5W	Apple	A2161	FK1ZMDRGN70C	BCG-E3306A
Legacy iPhone X (white), Max 7.5W	Apple	A1901	G6TVQ8JUJCLJ	BCG-E3175A
Legacy iPhone X (black), Max 7.5W	Apple	A1901	G6TV37H8JCLH	BCG-E3175A
AirPods Pro Case (1), Max 1W	Apple	A2700	PCWQTHFWXC	BCG-A2700
AirPods Pro Case (2), Max 1W	Apple	A2700	MGH2RNXRWX	BCG-A2700
Apple Watch Series 7, Max 5W	Apple	A2474	TF7MKCXC9Q	BCG-A2474
Apple Watch Series 7, Max 5W	Apple	A2474	WNX9JYCXKH	BCG-A2474
Apple Watch Series 7, Max 5W	Apple	A2474	K76R02RKQG	BCG-A2474
Apple Watch Series 7, Max 5W	Apple	A2474	MH407G923N	BCG-A2474
Apple Watch Series 7, Max 5W	Apple	A2474	QVW24T7HH6	BCG-A2474
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	PMJH6F3QX9	BCG- A2722
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	G27Q467X61	BCG- A2722
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	J6TJ0LFQ2H	BCG- A2722
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	KNYPMV99QX	BCG- A2722
Legacy Apple Watch SE, Max 2.5W	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	Barrel jack	Shielded	1.5	-

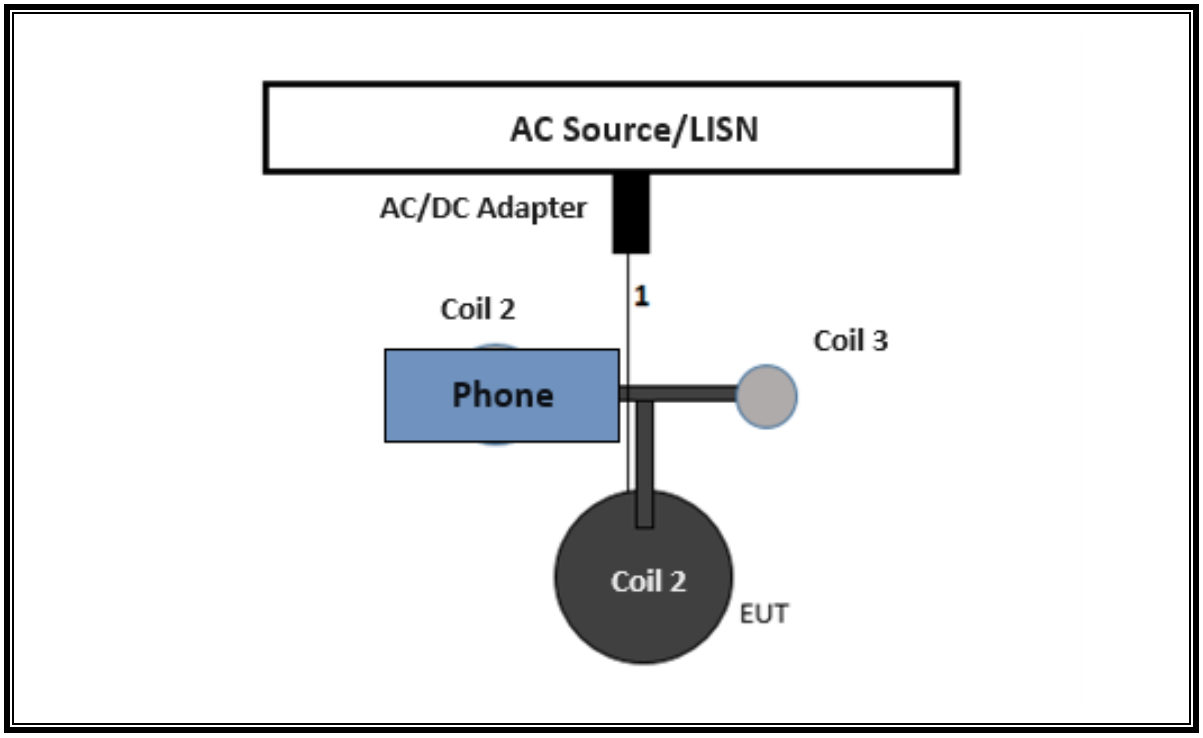
Note: Several units of support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

TEST SETUP BLOCK DIAGRAM

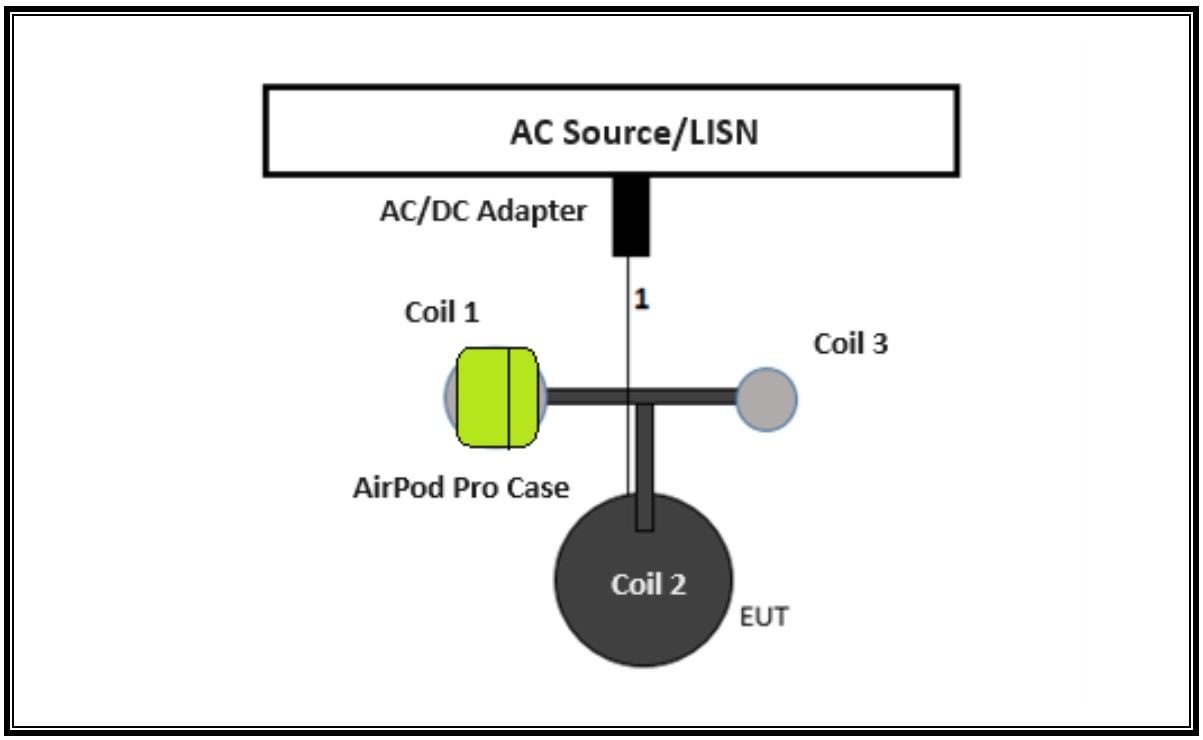
CONFIGURATION 1: WPT ON STANDBY



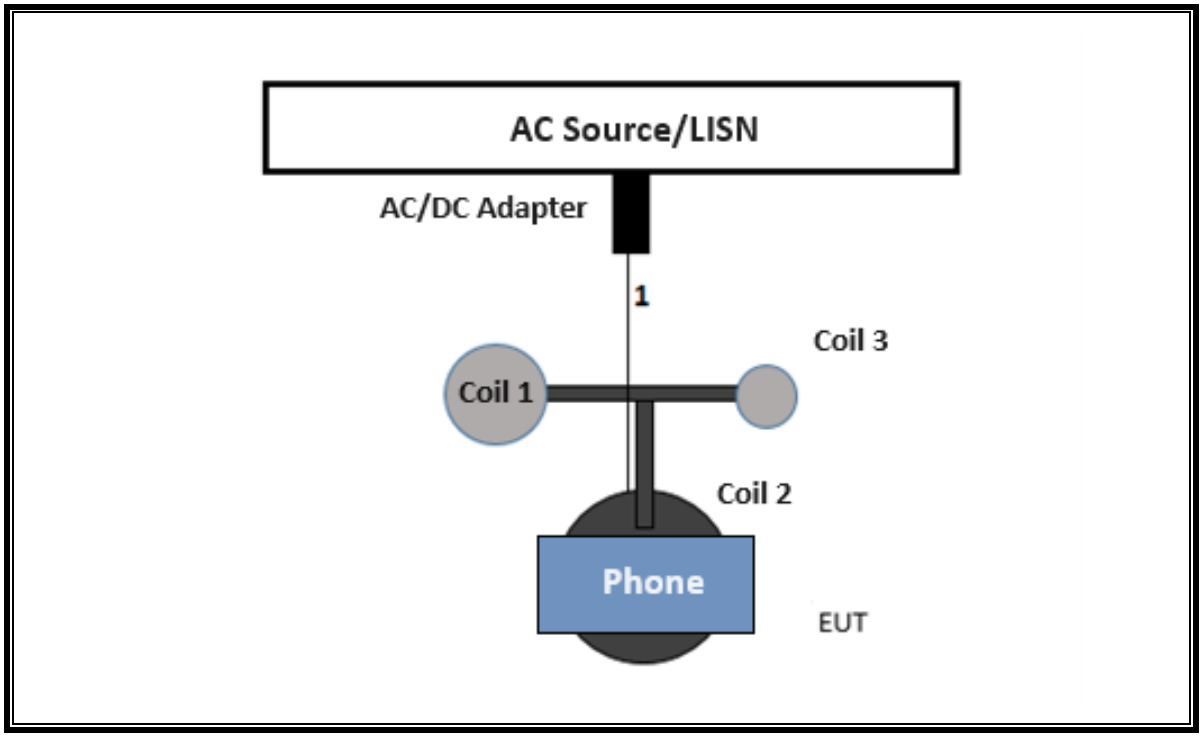
CONFIGURATION 2/3: OPERATING MODE WITH PHONE



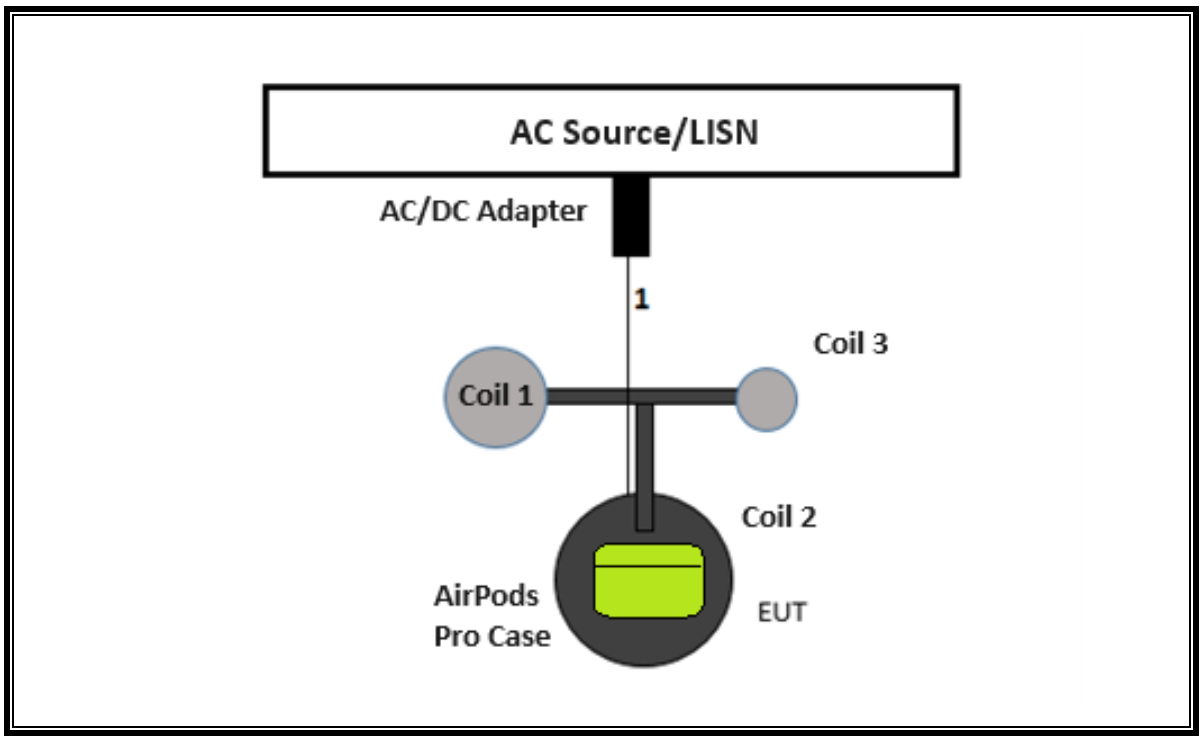
CONFIGURATION 4: OPERATING MODE WITH AIRPODS PRO CASE



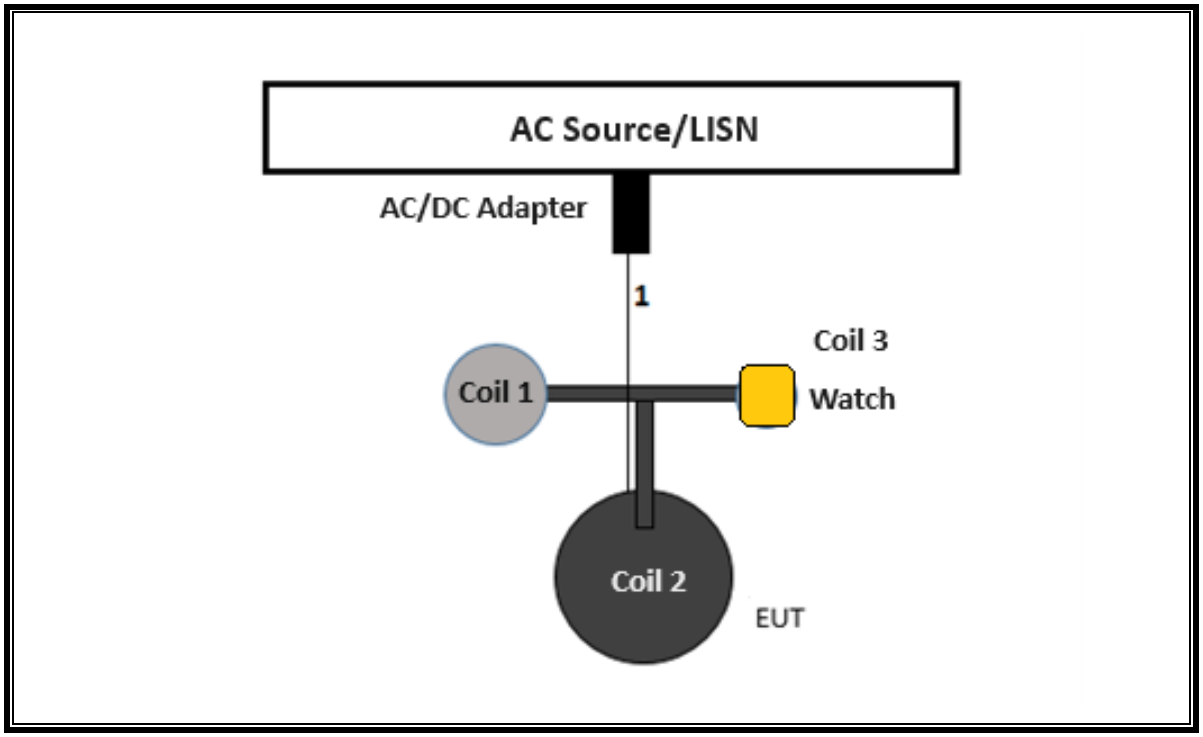
CONFIGURATION 5: OPERATING MODE WITH PHONE



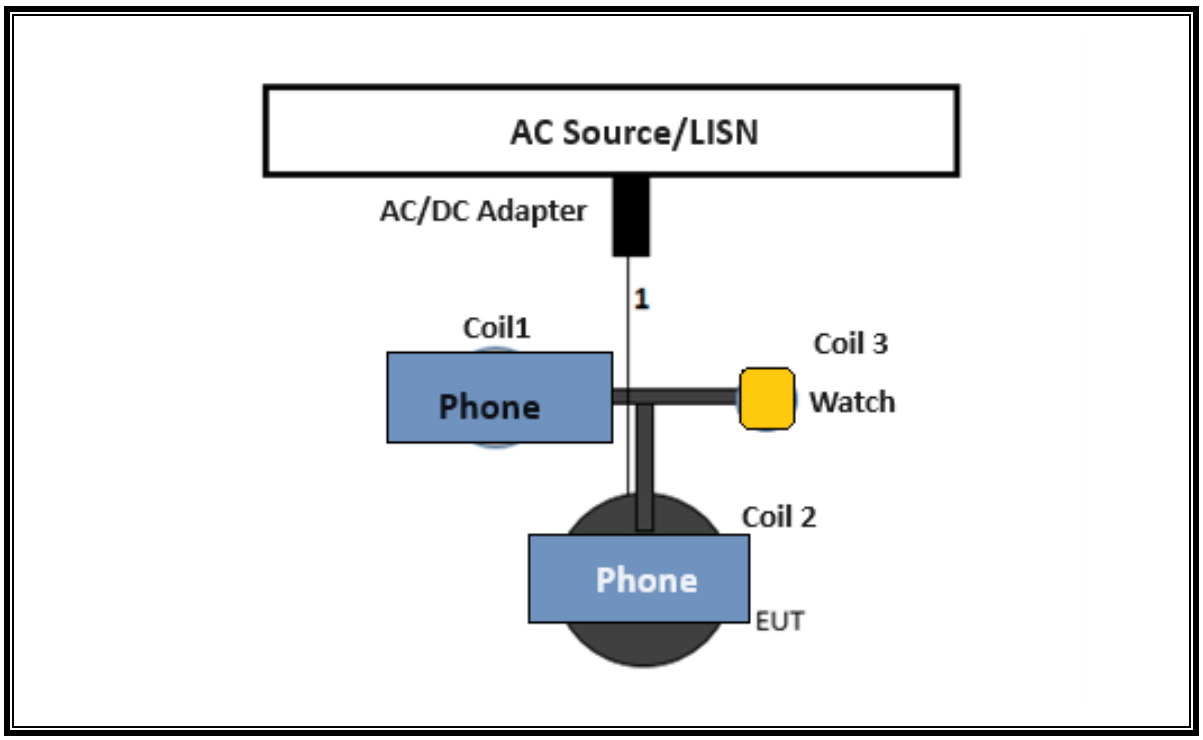
CONFIGURATION 6: OPERATING MODE WITH AIRPODS PRO CASE



CONFIGURATION 7/8: OPERATING MODE WITH WATCH



CONFIGURATION 9: OPERATING MODE WITH PHONE + PHONE+ WATCH

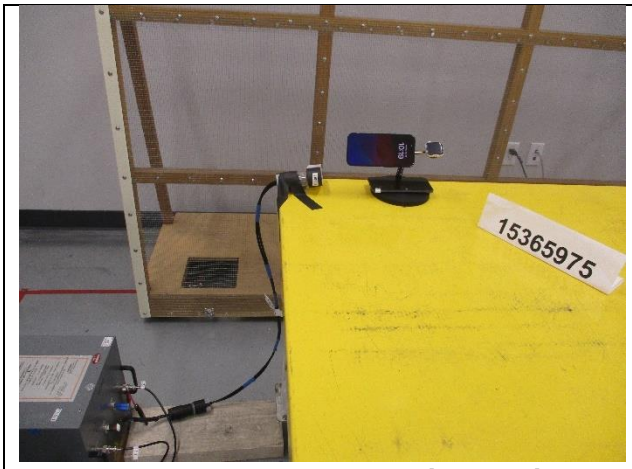


2.2. AC LINE CONDUCTED SETUP

2.2.1. CONFIGURATON 1: WPT ON STANDBY

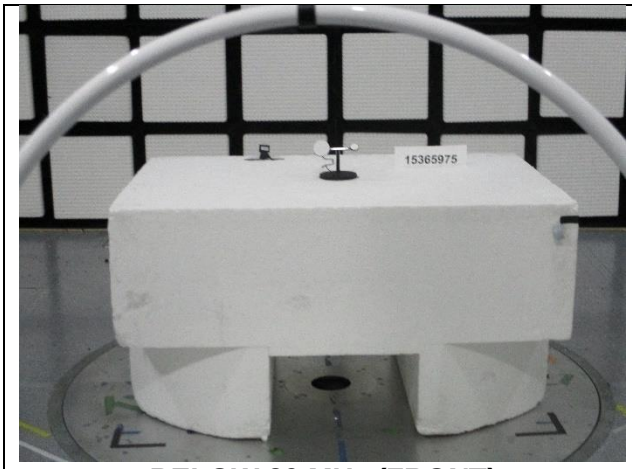
	
AC LINE CONDUCTED (FRONT)	**AC LINE CONDUCTED (BACK)**

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

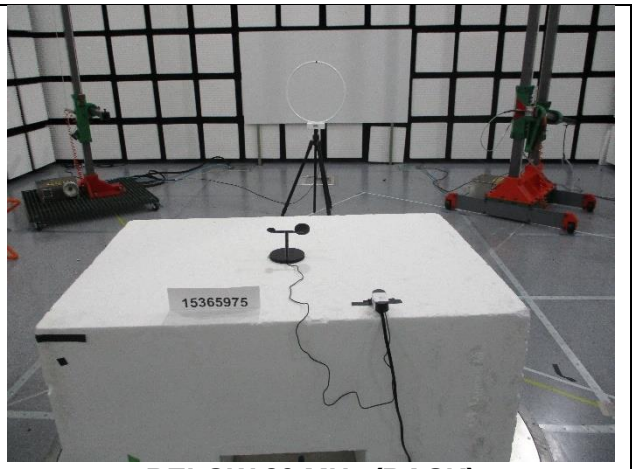
	
AC LINE CONDUCTED (FRONT)	**AC LINE CONDUCTED (BACK)**

2.3. WPT RADIATED RF MEASUREMENT SETUP

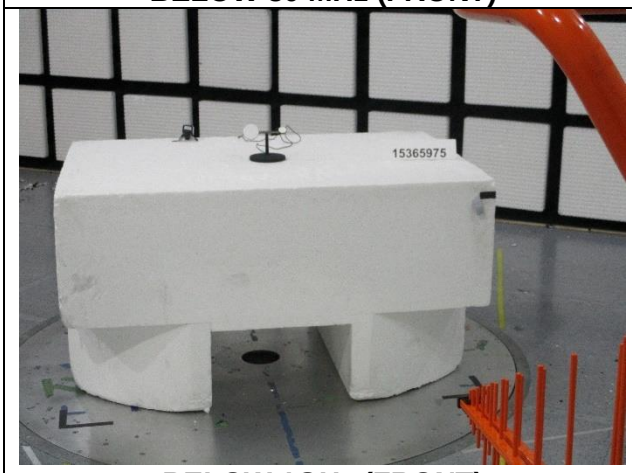
2.3.1. CONFIGURATION 1: WPT ON STANDBY



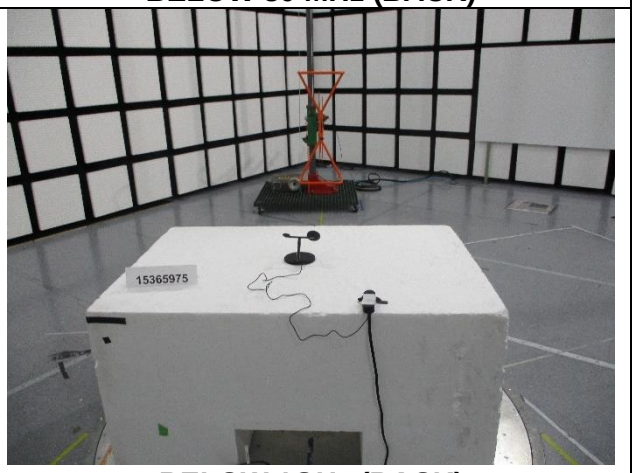
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)

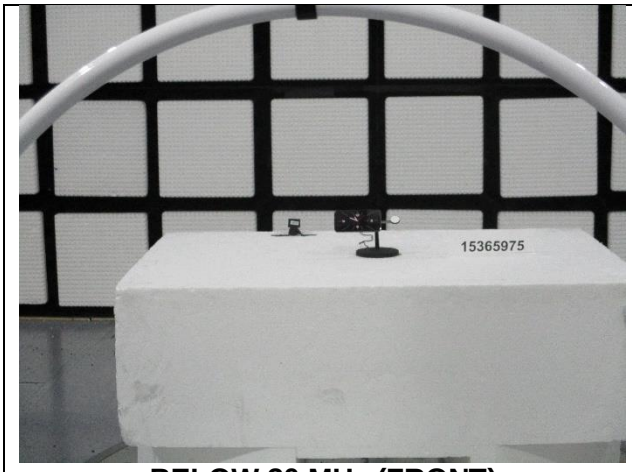
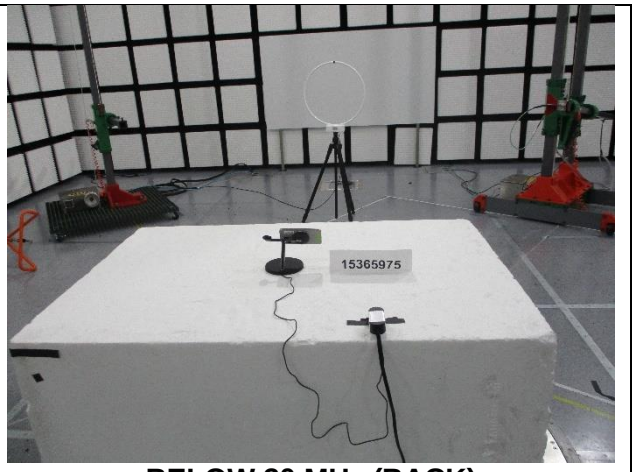


BELOW 1GHz (FRONT)

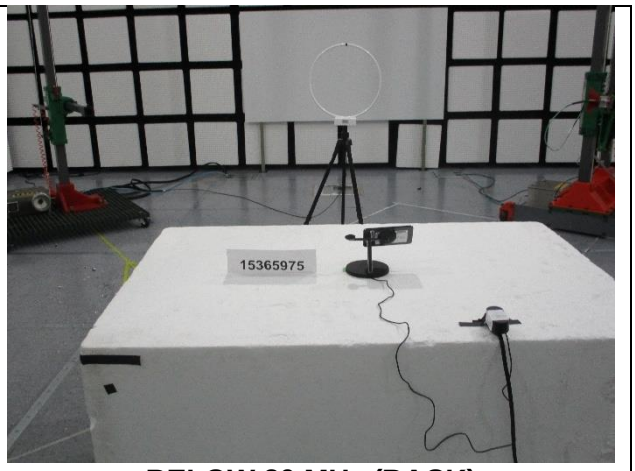


BELOW 1GHz (BACK)

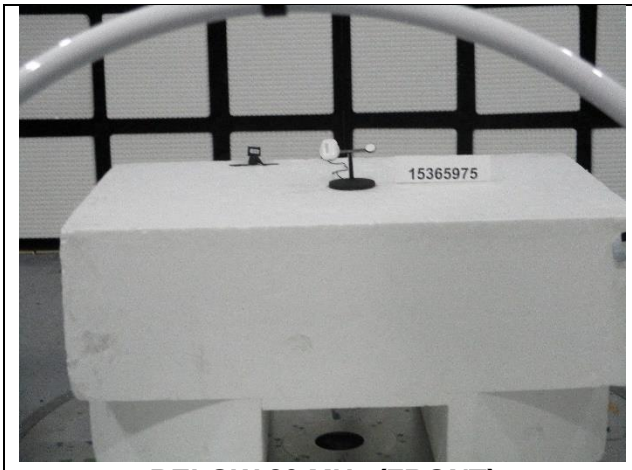
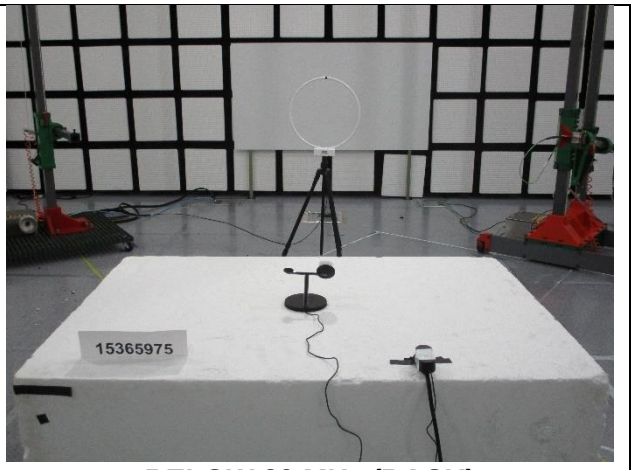
2.3.2. CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)

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

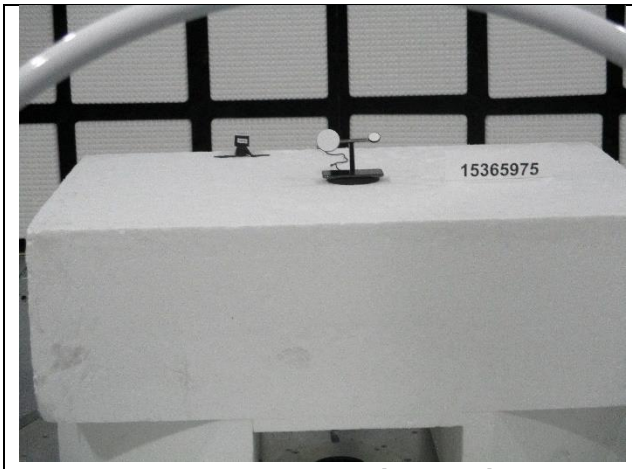
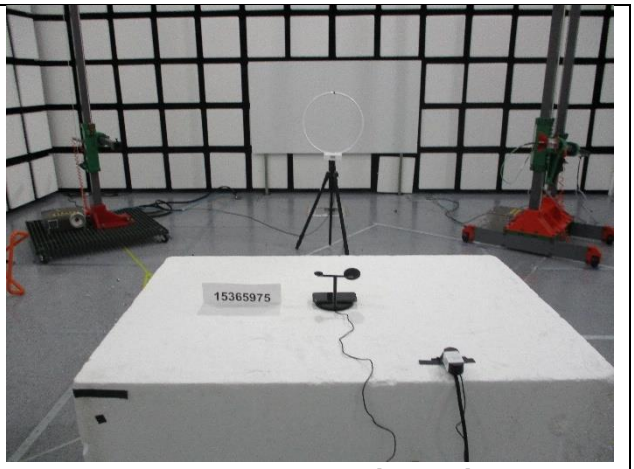
2.3.3. CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)

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

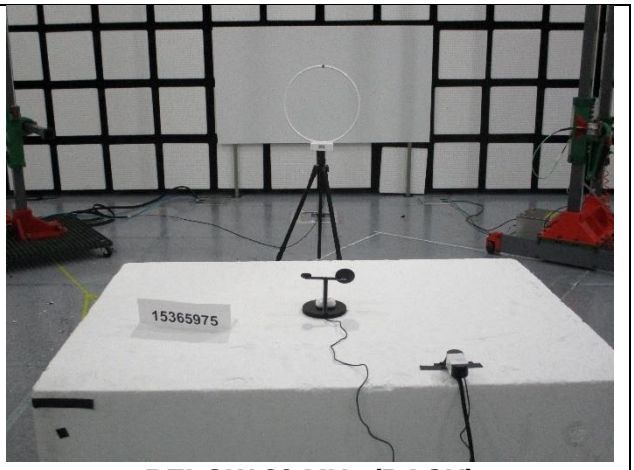
2.3.4. CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)

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

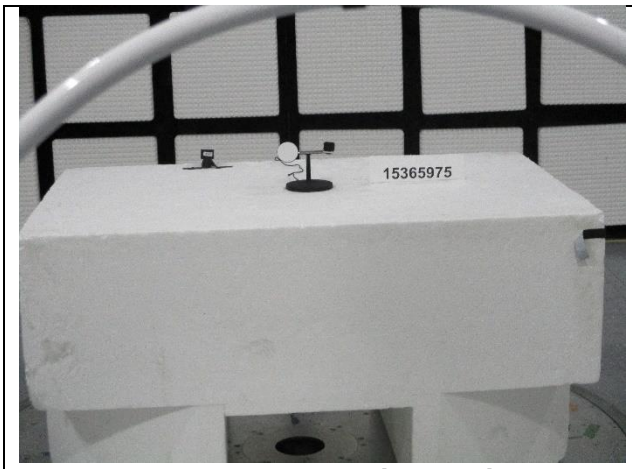
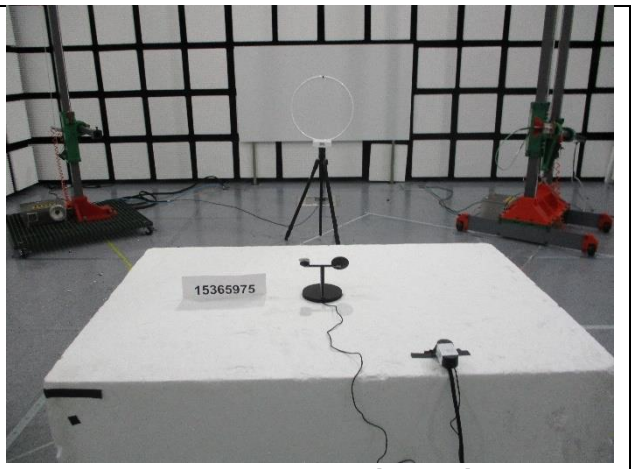
2.3.5. CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)

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

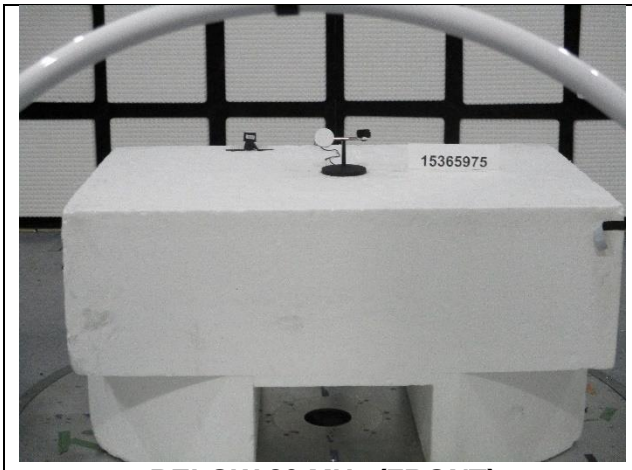
2.3.6. CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)

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

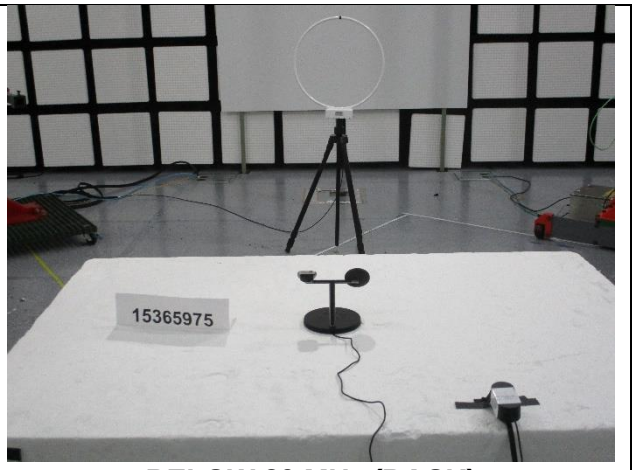
2.3.7. CONFIGURATION 7: OPERATING MODE WITH Watch (326.5kHz)

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

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



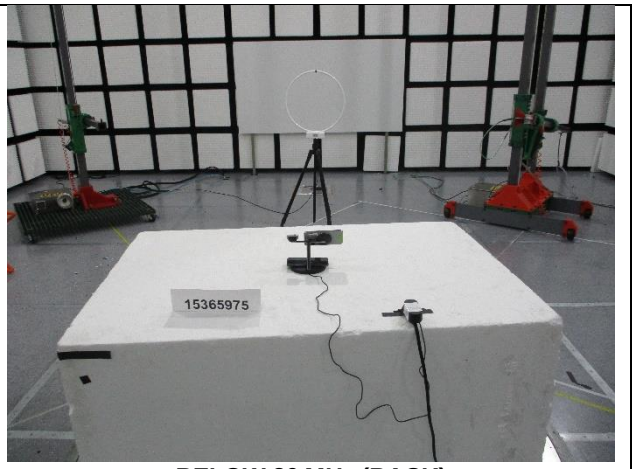
BELOW 30 MHz (FRONT)



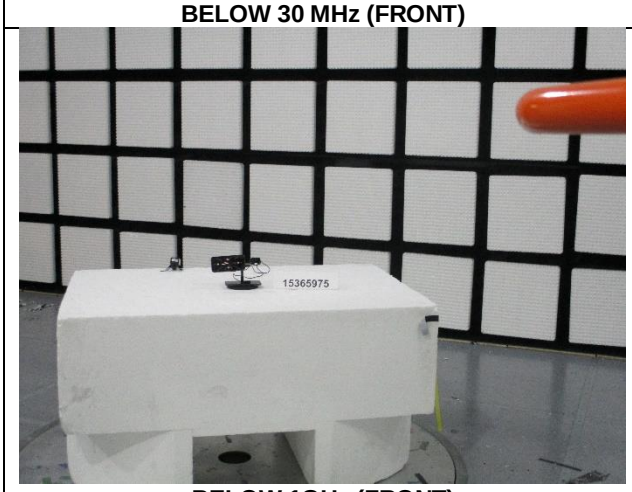
BELOW 30 MHz (BACK)

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

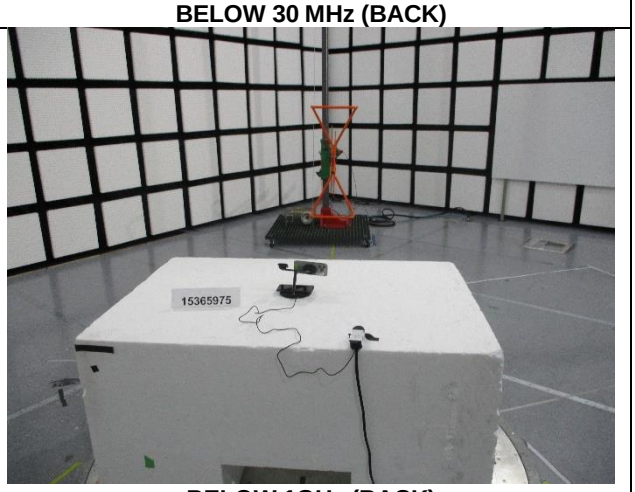
BELOW 30 MHz (FRONT)



BELOW 30 MHz (BACK)



BELOW 1GHz (FRONT)



BELOW 1GHz (BACK)

3. RF EXPOSURE (15365975-E2 Report)

3.1. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**
AC/DC Adapter	Belkin	2ACR040G	Not available	DoC
iPhone 14 Pro (black), Max 15W	Apple	A2660	HKWX92F211	579C-E8140A
iPhone 14 Pro (Purple), Max 15W	Apple	A2660	J2GJYV7CK0	579C-E8140A
Legacy iPhone 11 (black), Max 7.5W	Apple	A2111	C6KZHK1XN72J	BCG-E3309A
Legacy iPhone Xs (black), Max 7.5W	Apple	A2101	G6TX9247KPH1	BCG-E3234A
AirPods Pro Case (3), Max 1W	Apple	A2700	F2LKXY3CW9	BCG-A2700
AirPods Pro Case (4), Max 1W	Apple	A2700	YW326V6YJ3	BCG-A2700
Apple Watch Series 8, Max 5W	Apple	A2771	PK2XN19M39	BCG- A2771
Apple Watch Series 8, Max 5W	Apple	A2771	H4WFWQH9LF	BCG- A2771
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	DXK0XH7VXM	BCG- A2722
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	CY3H94L9XC	BCG- A2722
Legacy Apple Watch SE, Max 2.5W	Apple	A2722	HHFVYVJHK	BCG- A2722
Legacy Apple Watch, Max 2.5W	Apple	A1554	FHLPNJQEG9J6	BCG-E2871
Legacy Apple Watch, Max 2.5W	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	Barrel jack	Shielded	1.5	-

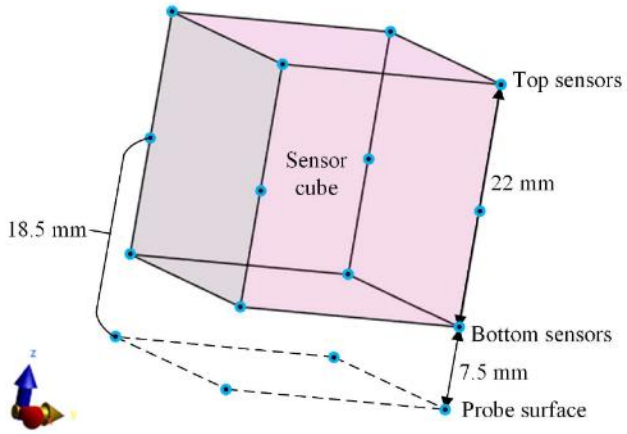
Note: Several units of support equipment (clients/receiving loads) were used during testing to help expedite testing due to battery levels.

3.2. MEASUREMENT SETUP

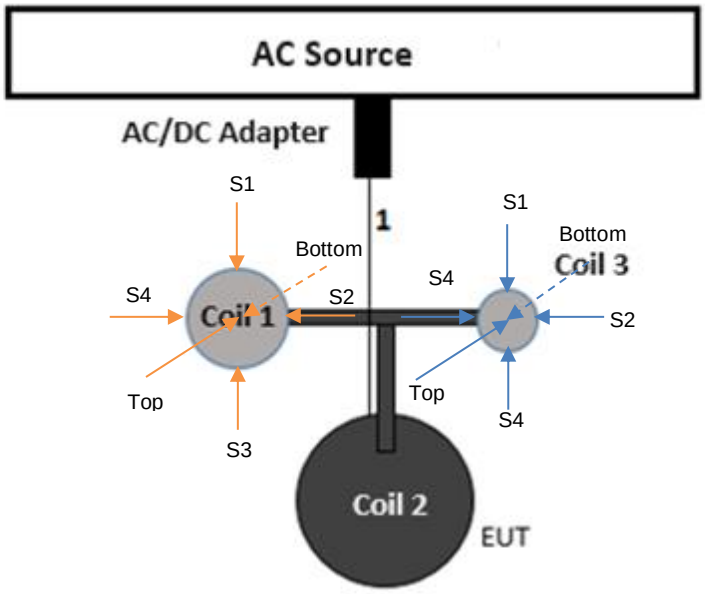
The measurements were taken using a probe placed 20 cm surrounding the device for all configurations on each individual coil per KDB 680106 D01.

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.

NOTE: Configuration 8 that is charging watch at 1.778MHz , the 1.778MHz signal is not noticeable at 20cm, thus probe is placed at 10cm as worse-case to see the signal.

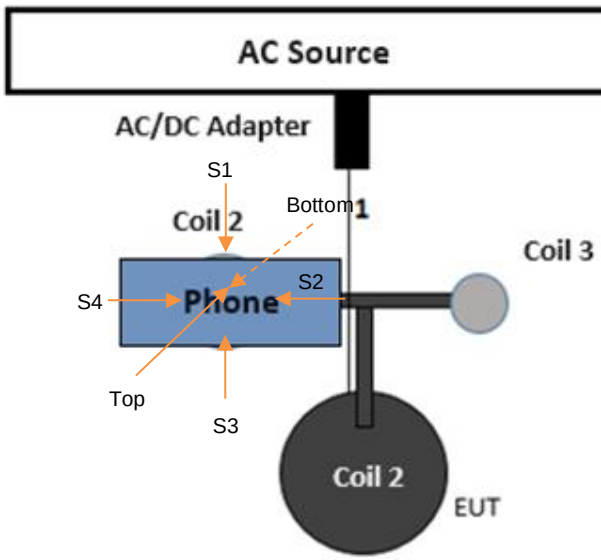


CONFIGURATION 1: STANDBY MODE



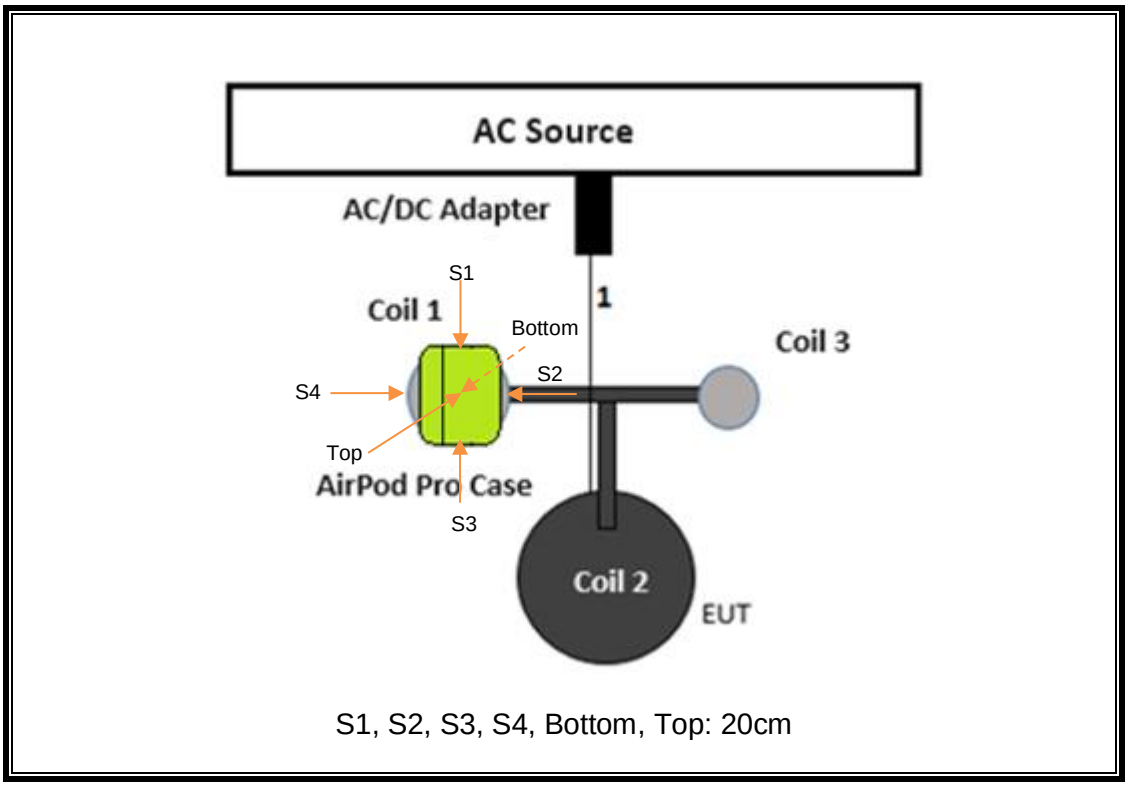
S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 2/3: OPERATING MODE WITH iPhone



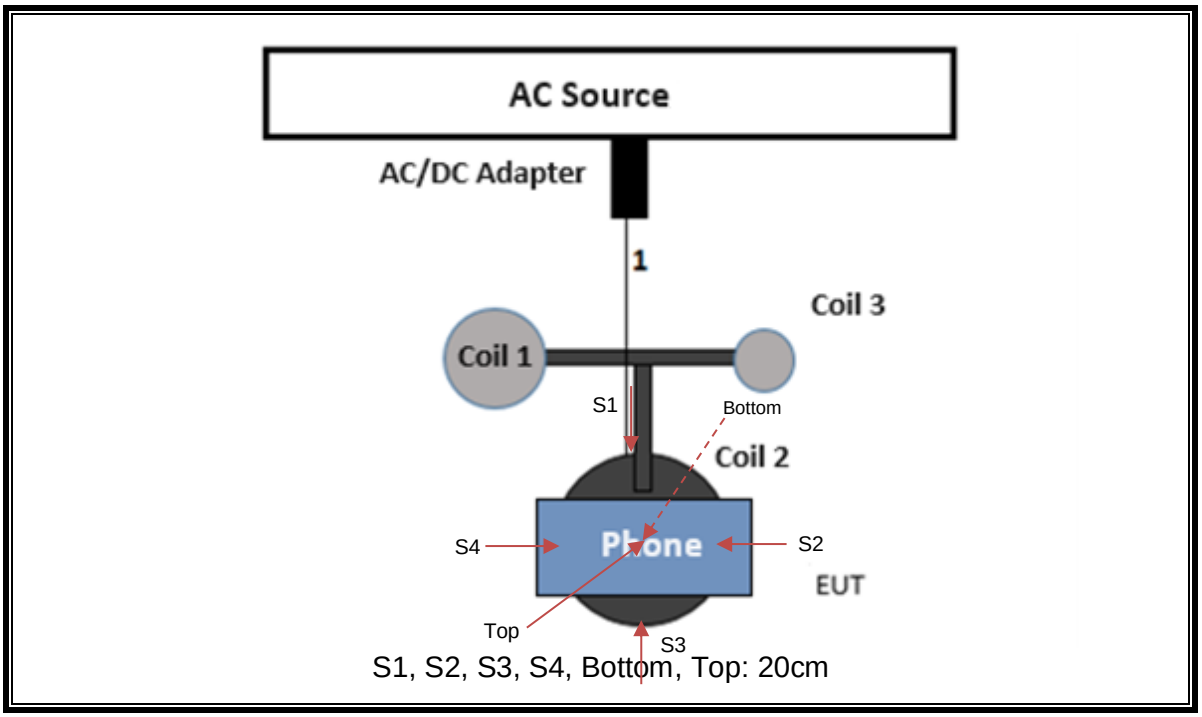
S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case



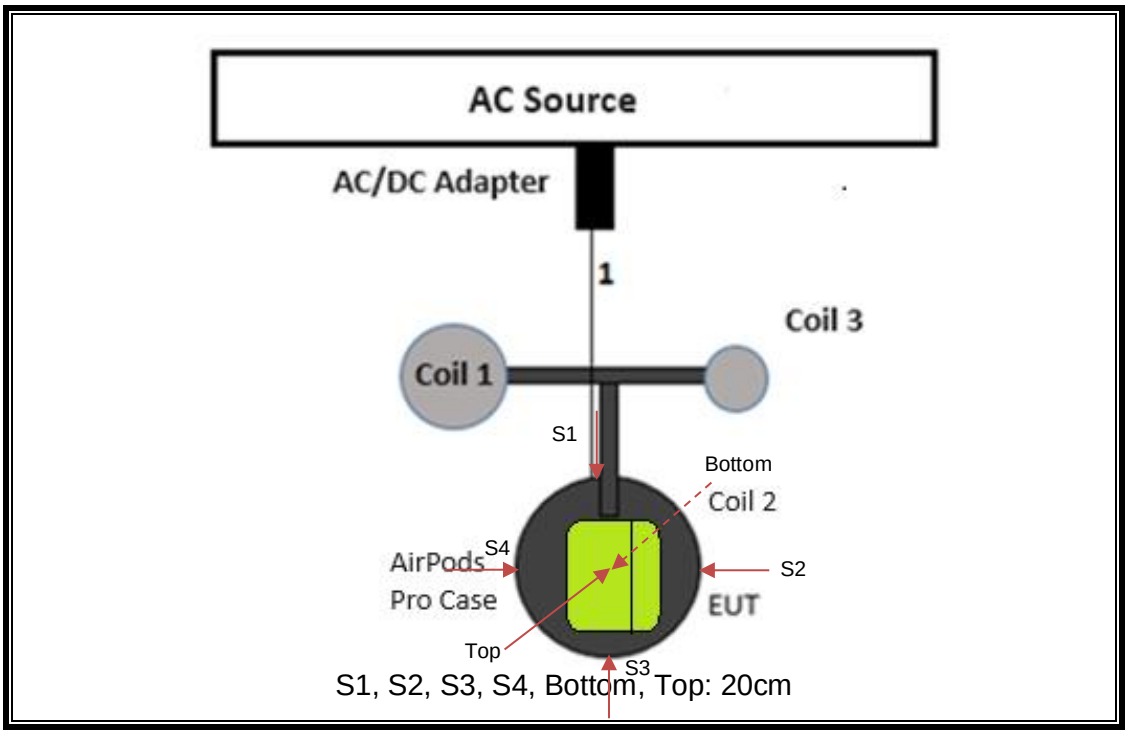
S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 5: OPERATING MODE WITH iPhone



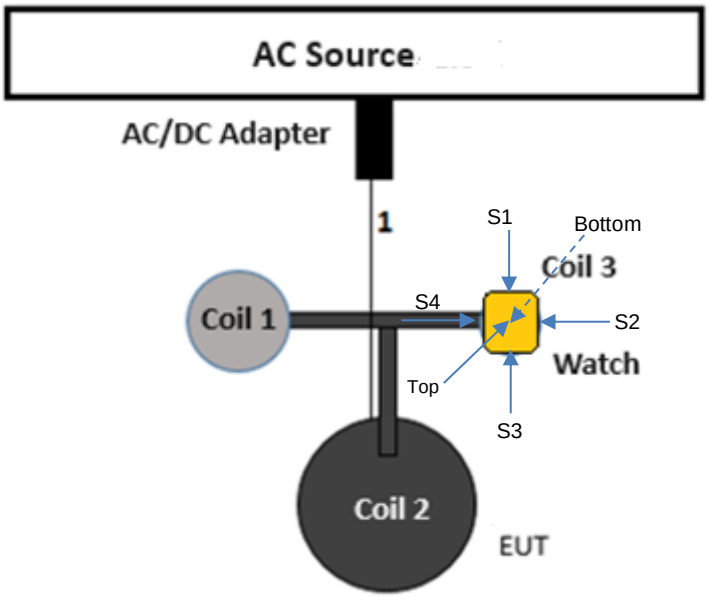
S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case



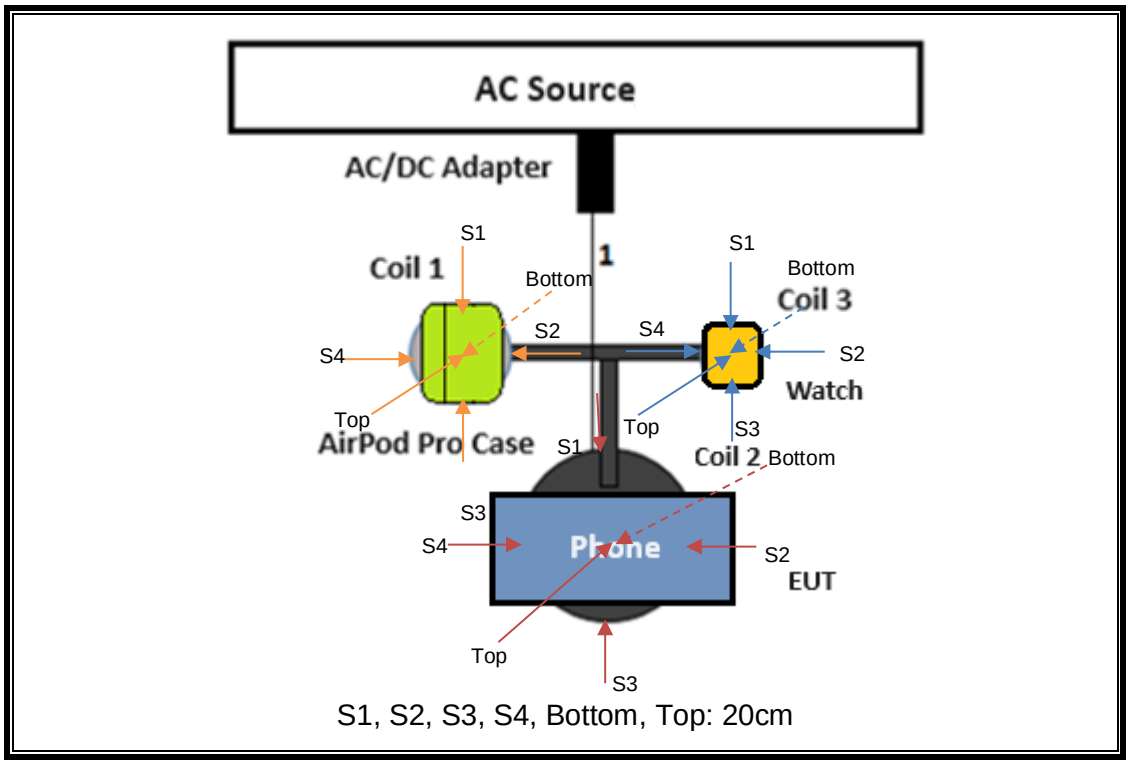
S1, S2, S3, S4, Bottom, Top: 20cm

CONFIGURATION 7/8: OPERATING WITH Watch



Config 7: S1, S2, S3, S4, Bottom, Top: 20cm
Config 8: S1, S2, S3, S4, Bottom, Top: 10cm (20cm signal is not noticeable, thus probe is placed at 10cm as worse-case to see the signal)

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

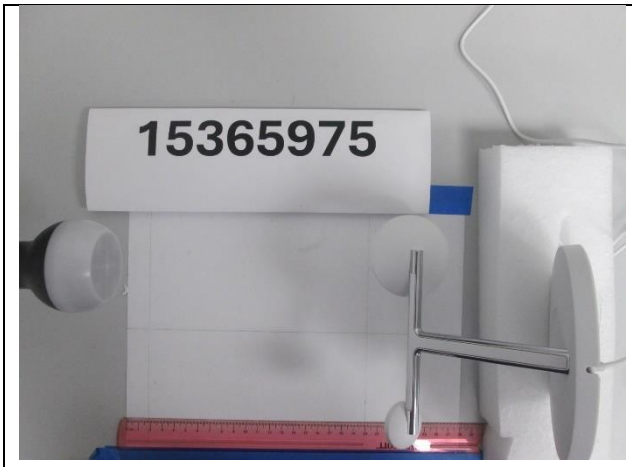


S1, S2, S3, S4, Bottom, Top: 20cm

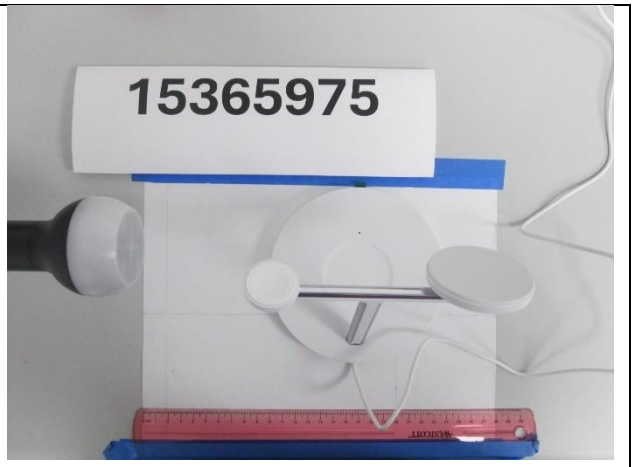
3.3. RF EXPOSRE SETUP PHOTO

3.3.1. CONFIGURATION 1: WPT ON STANDBY

127.7kHz Coil

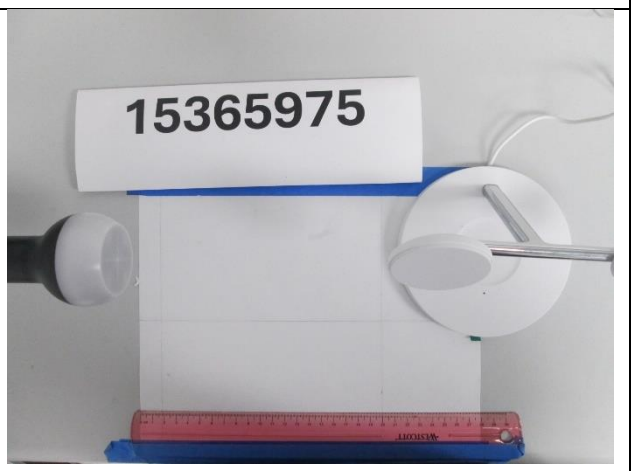


S1



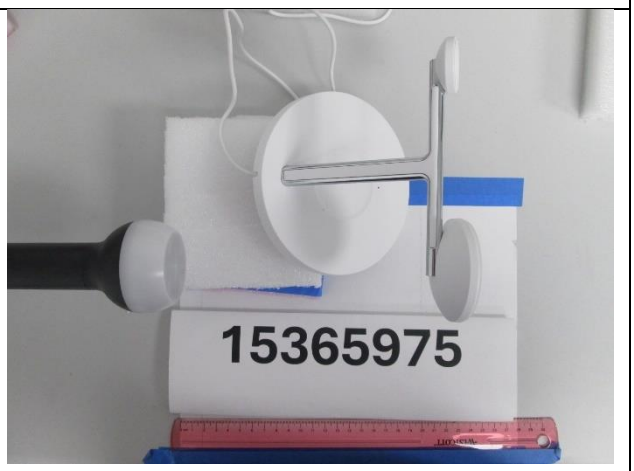
S2

S3



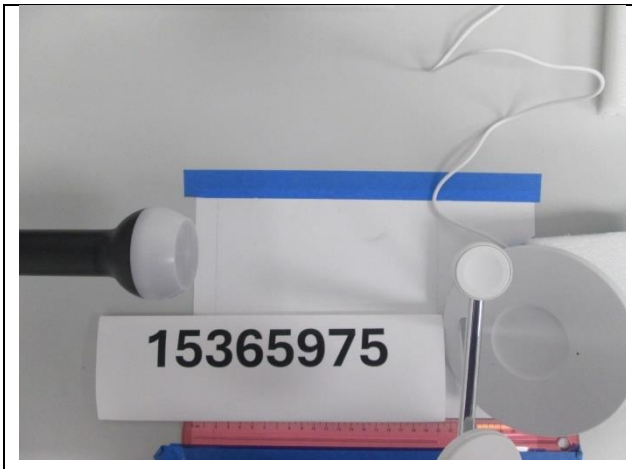
S4

Top



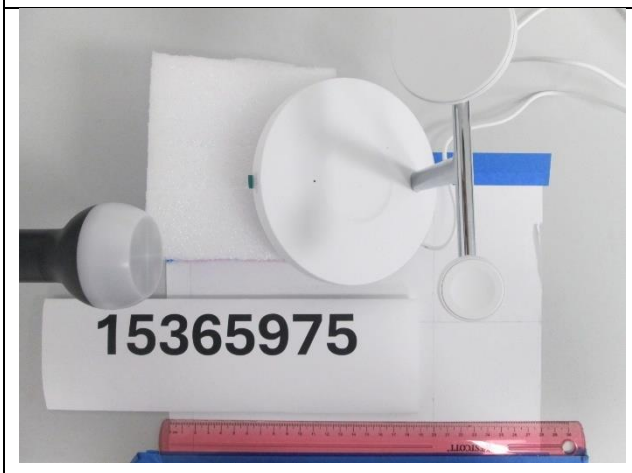
Bottom

326.5kHz Coil

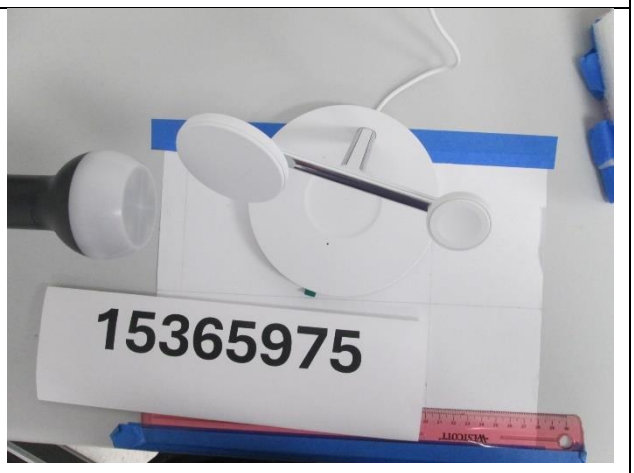


S1

S2



S3



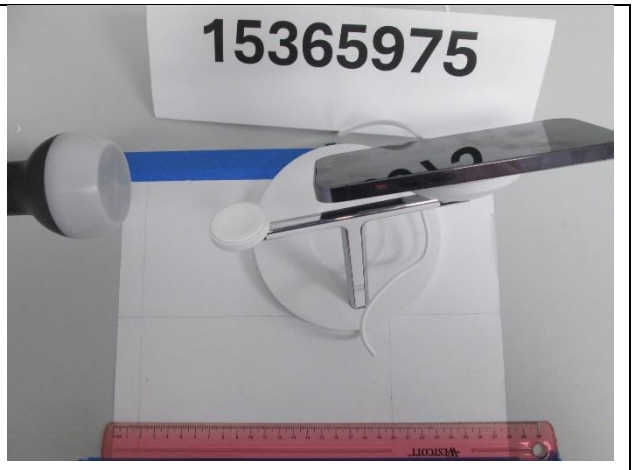
S4

Top

Bottom

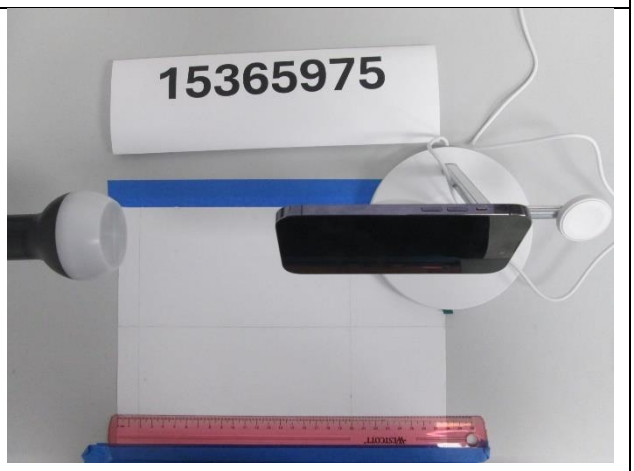
3.3.2. CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)

S1



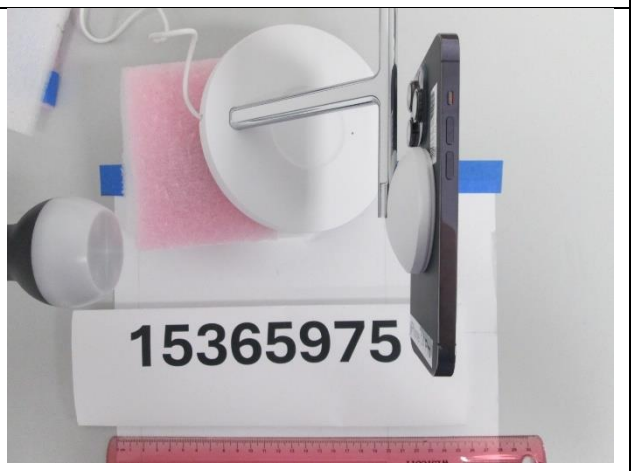
S2

S3



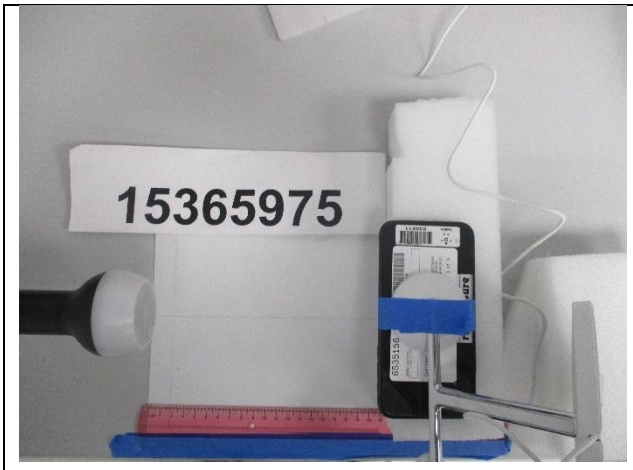
S4

Top



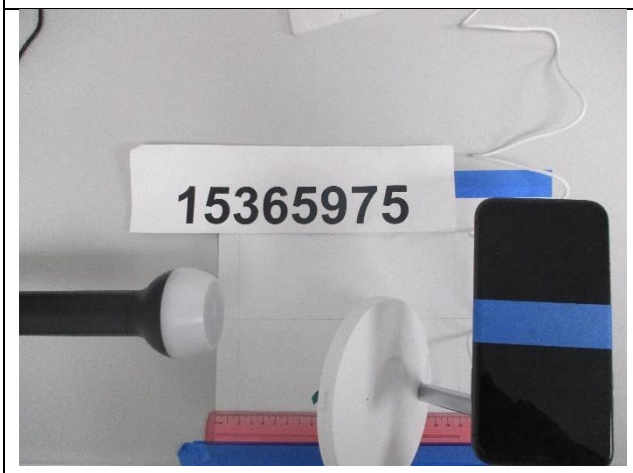
Bottom

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

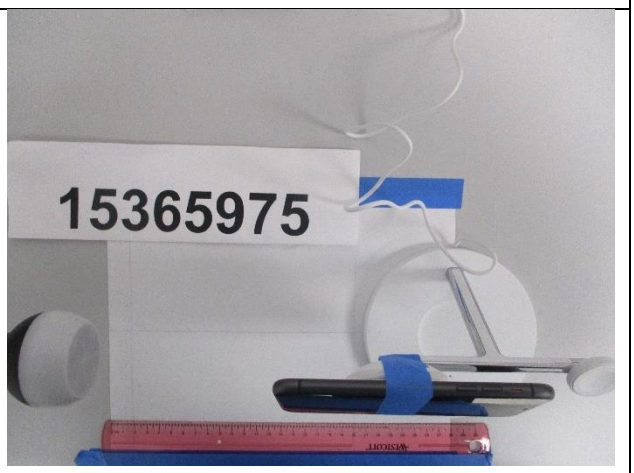


S1

S2



S3



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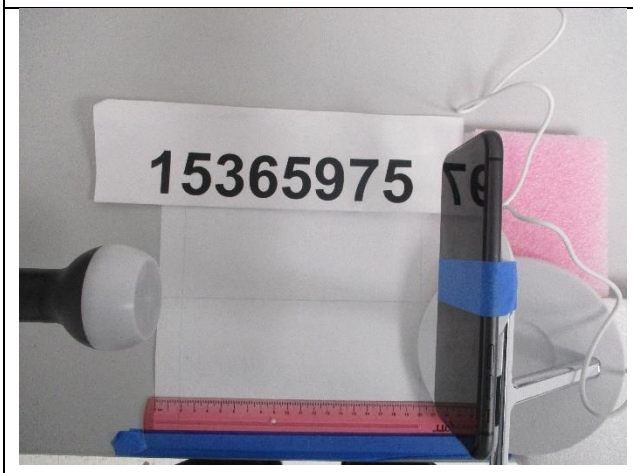

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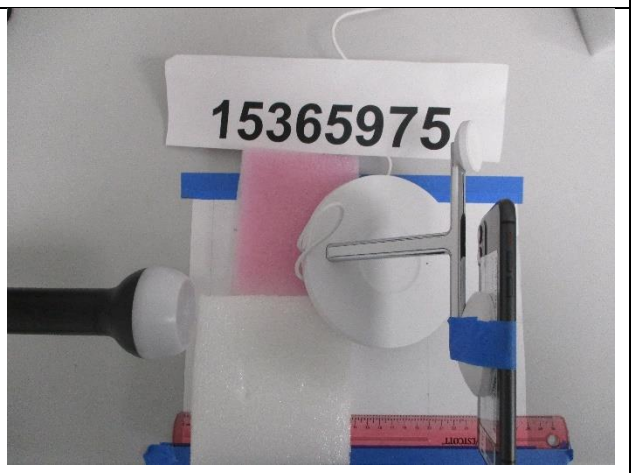
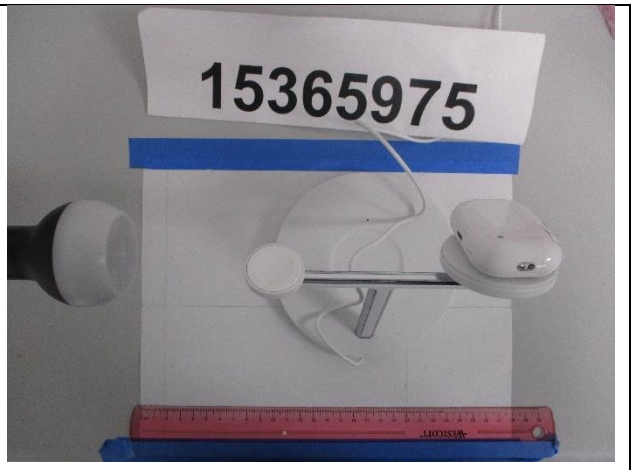


Bottom

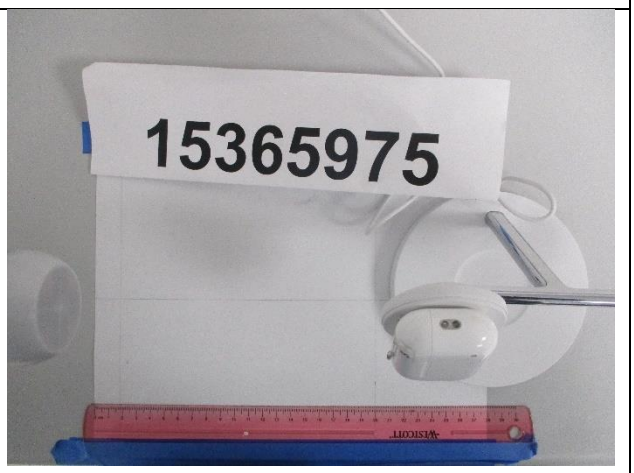
3.3.4. CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)

S1

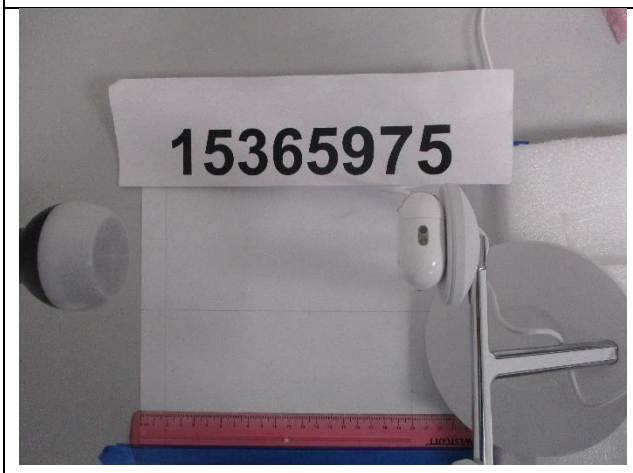


S2

S3



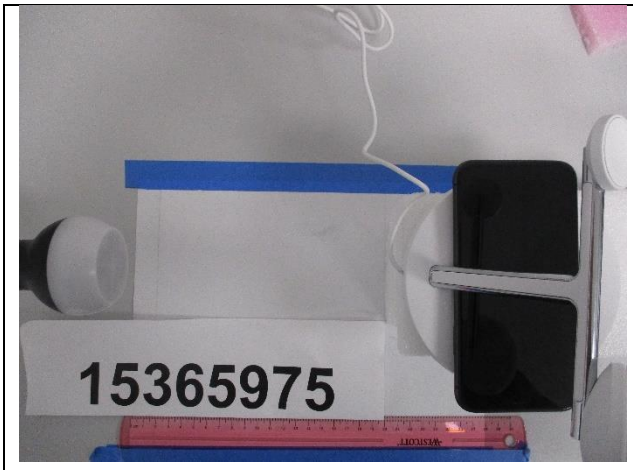
S4



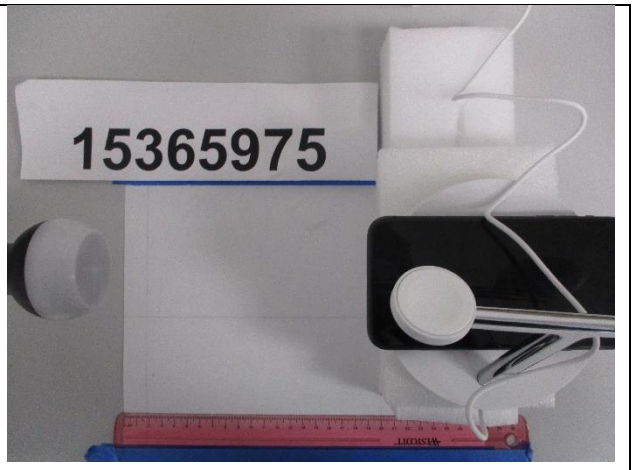
Top

Bottom

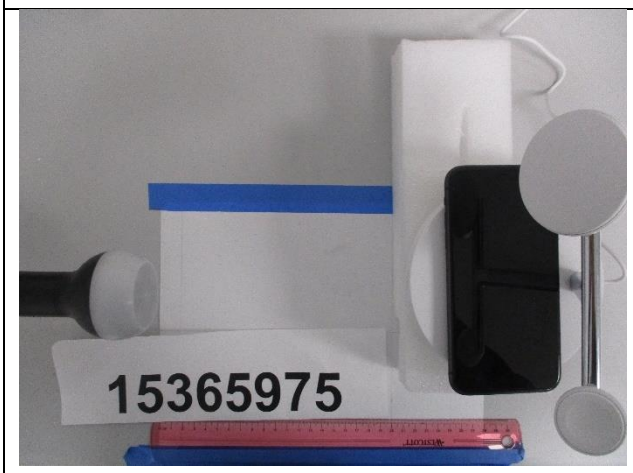
3.3.5. CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)



S1

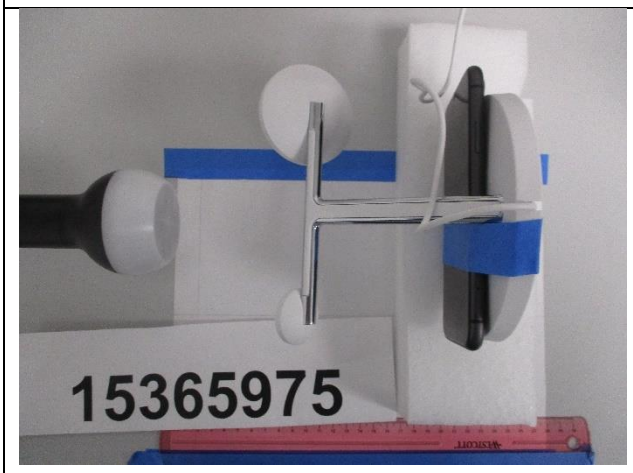


S2



S3

S4



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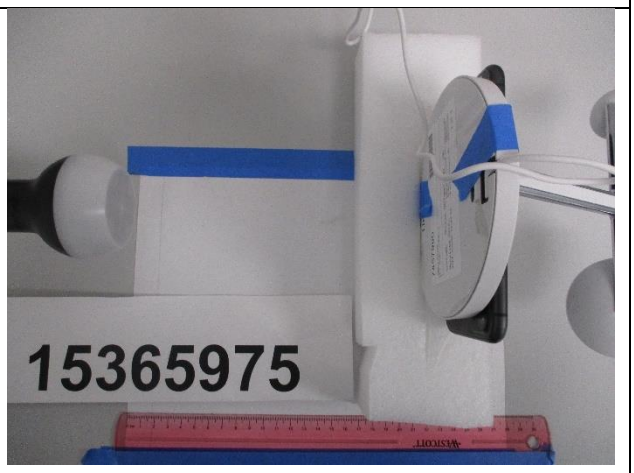
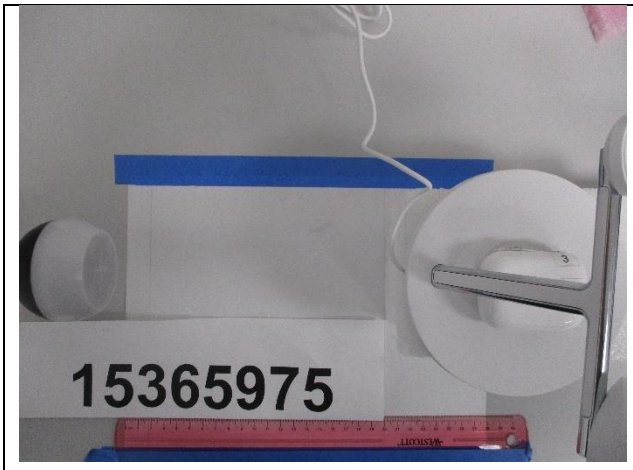
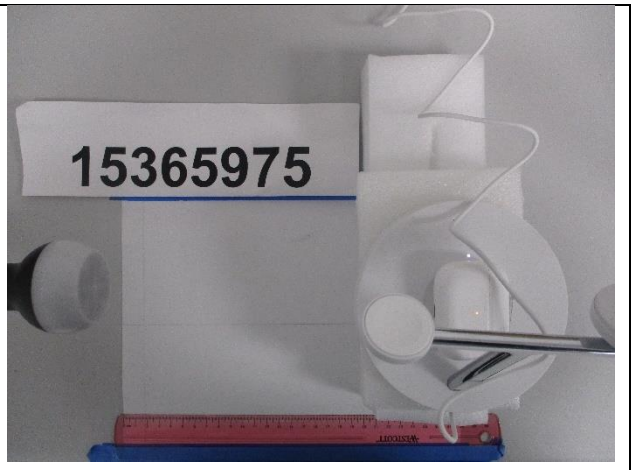


Bottom

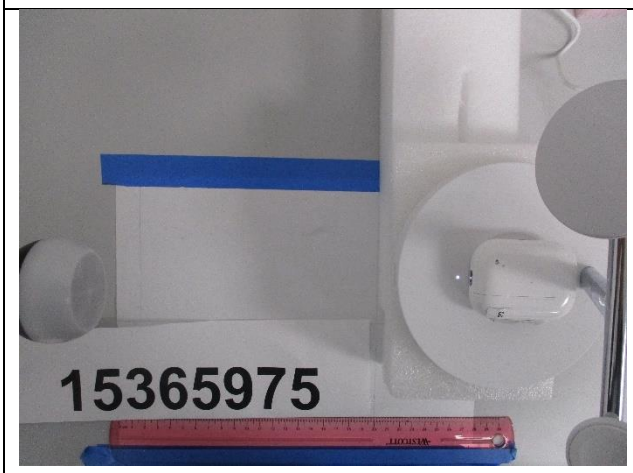
3.3.6. CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)



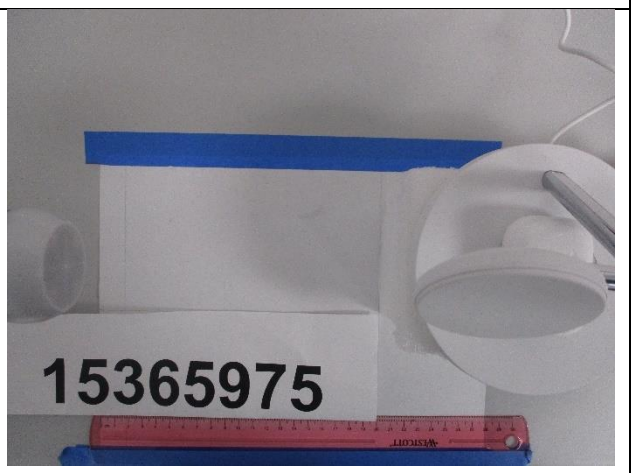
S1



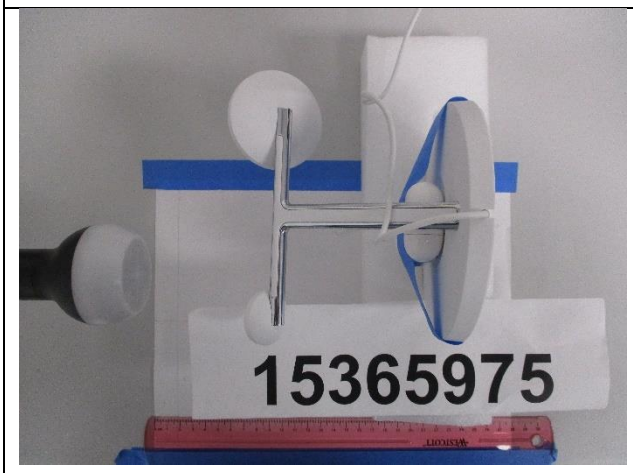
S2



S3



S4



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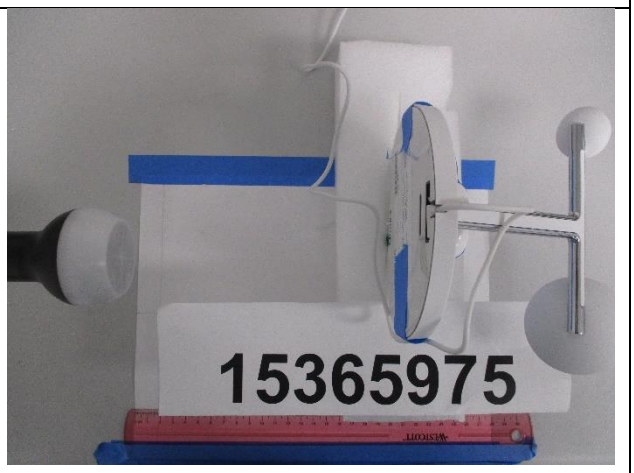
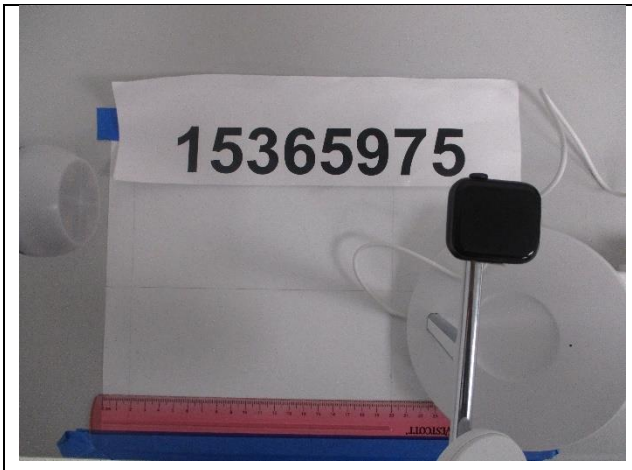
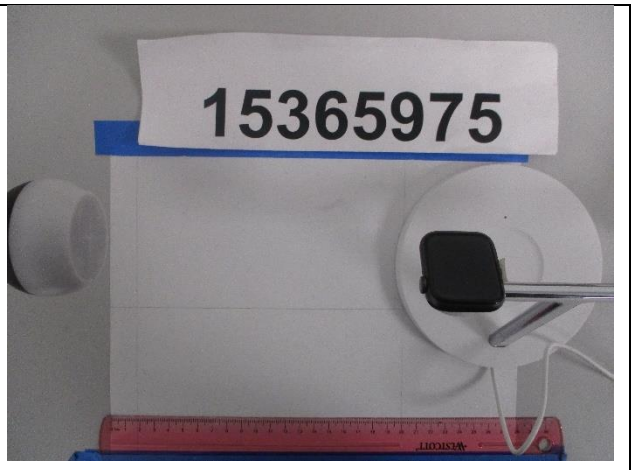


Bottom

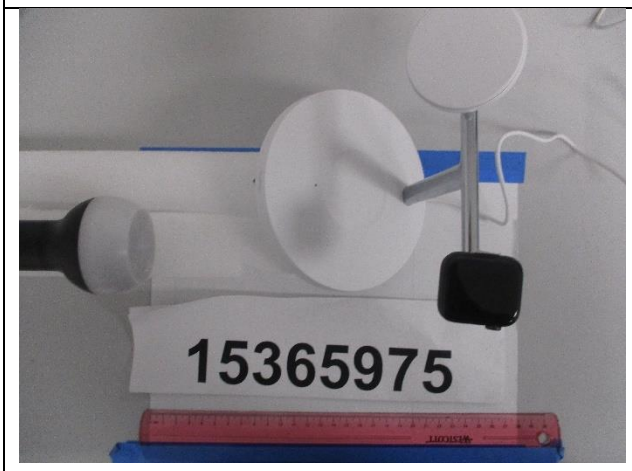
3.3.7. CONFIGURATION 7: OPERATING MODE WITH Watch (326.5kHz)



S1



S2



S3

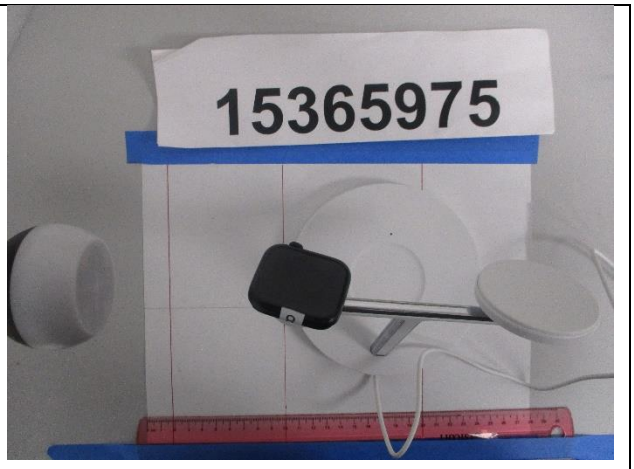
S4

Top

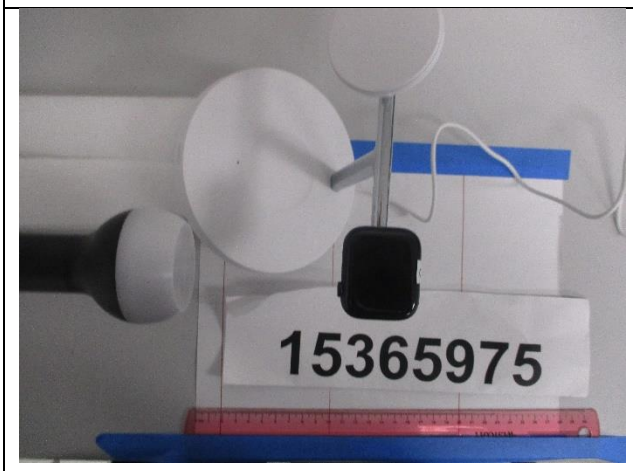
Bottom

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

S1

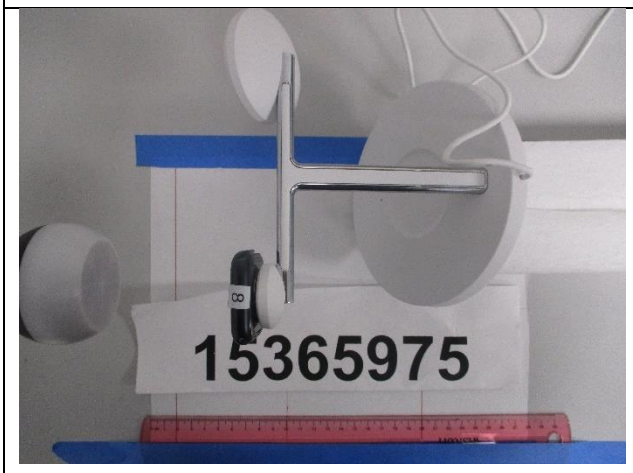


S2



S3

S4



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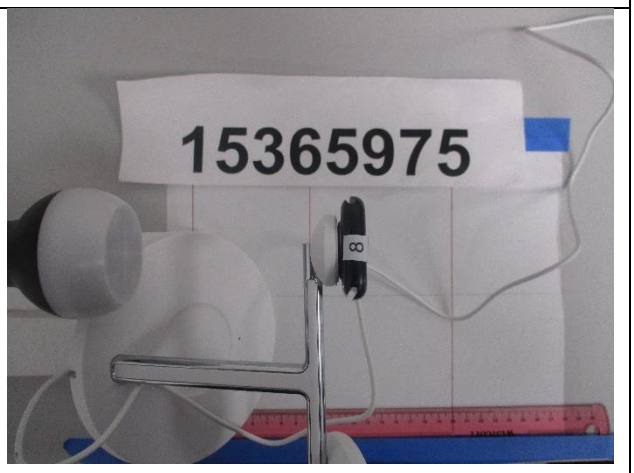
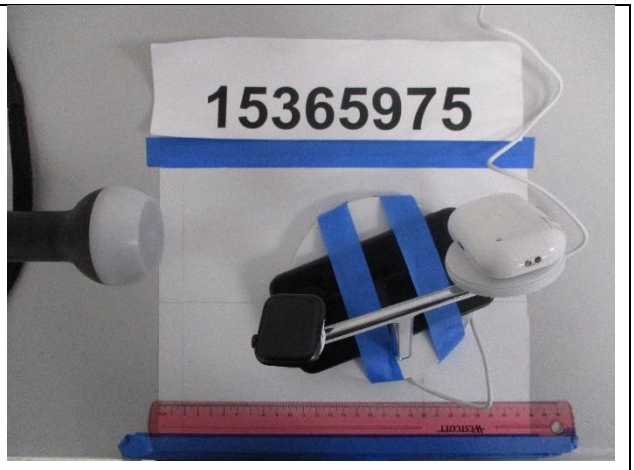


Bottom

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

127.7kHz Coil

S1



S2

S3

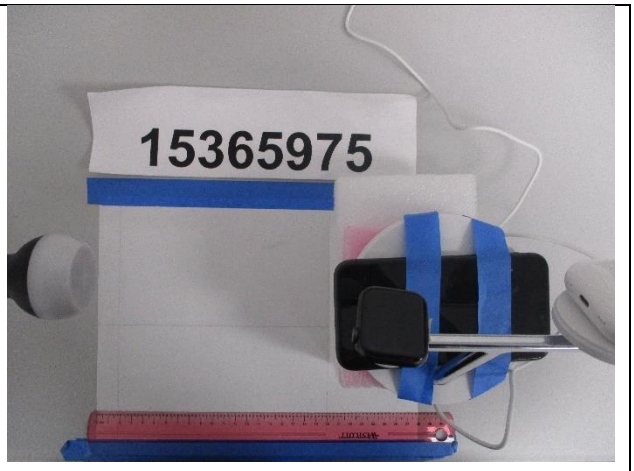
S4

Top

Bottom

111-148kHz Coil

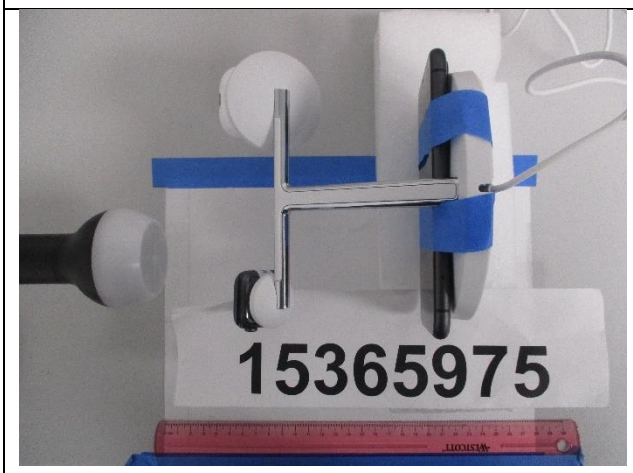
S1



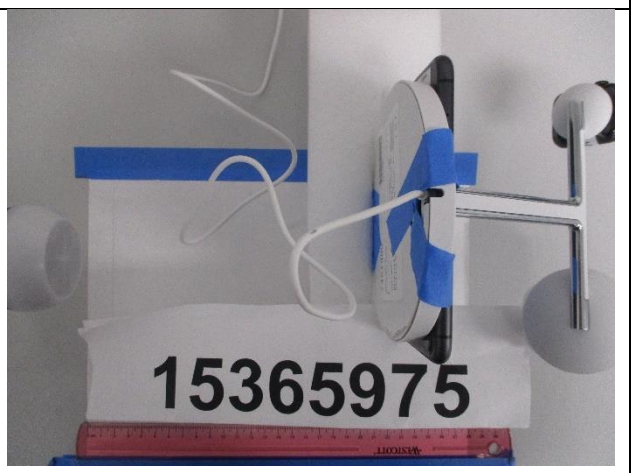
S2

S3

S4

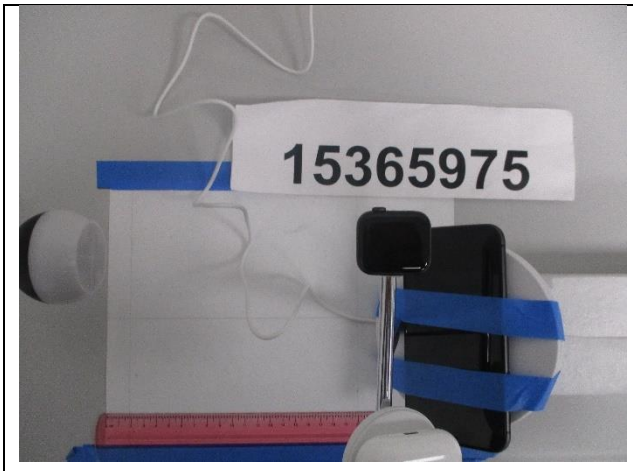


Top



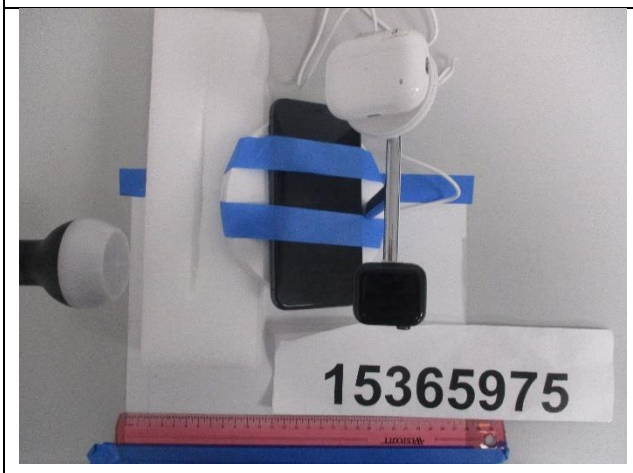
Bottom

326.kHz Coil

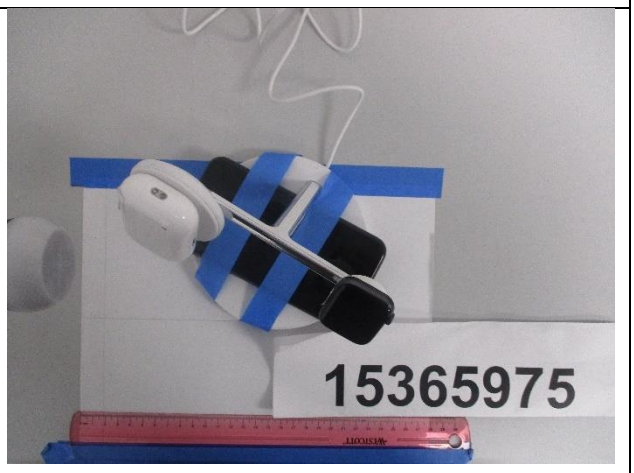


S1

S2



S3



S4

Top

Bottom

END OF REPORT