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检测
TESTING
CNAS L6478

TEST REPORT

Reference No.	:	WTF25F07173499W004
Applicant	:	Mid Ocean Brands B.V.
Address	:	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Manufacturer	:	111033
Address	:	---
Product Name	:	Apple Find My luggage tag, Smart Apple Find My PU wallet
Model No.	:	MO2599, MO2697
Test specification	:	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) ETSI EN 301 489-17 V3.2.4 (2020-09)
Date of Receipt sample	:	2025-07-21
Date of Test	:	2025-07-23 to 2025-07-25
Date of Issue	:	2025-07-31
Test Report Form No.	:	WEW-301489A-01B
Test Result	:	**Pass**

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

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Tested by:

Roy Hong

Approved by:

Danny Zhou

1 Test Summary

Emission				
Test	Test Requirement	Test Method	Class / Severity	Result
Conducted Emissions	ETSI EN 301 489-3 V2.3.2 ETSI EN 301 489-17 V3.2.4	ETSI EN 301 489-1 V2.2.3 EN 55032	Table A.10 of EN 55032	N/A
Radiation Emission		ETSI EN 301 489-1 V2.2.3 EN 55032	Table A.4 and Table A.5 of EN 55032	Pass
Harmonic Current Emissions		ETSI EN 301 489-1 V2.2.3 EN IEC 61000-3-2	Clause 7 of EN IEC 61000-3-2	N/A
Voltage Fluctuations and Flicker		ETSI EN 301 489-1 V2.2.3 EN 61000-3-3	Clause 5 of EN 61000-3-3	N/A
Immunity				
Test	Test Requirement	Test Method	Class / Severity	Result
Electrostatic Discharge (ESD)	ETSI EN 301 489-3 V2.3.2 ETSI EN 301 489-17 V3.2.4	ETSI EN 301 489-1 V2.2.3 EN 61000-4-2	±2/±4 kV Contact ±2/±4/±8 kV Air	Pass
Radio frequency electromagnetic field (80 MHz to 6 000MHz)		ETSI EN 301 489-1 V2.2.3 EN 61000-4-3	3V/m, 80%, 1kHz, Amp. Mod.	Pass
Fast Transients Common Mode (EFT)		ETSI EN 301 489-1 V2.2.3 EN 61000-4-4	AC±1.0kV	N/A
Surge		ETSI EN 301 489-1 V2.2.3 EN 61000-4-5	±1kV D.M.† ±2kV C.M.‡	N/A
RF common mode 0,15 MHz to 80 MHz (CS)		ETSI EN 301 489-1 V2.2.3 EN 61000-4-6	3Vrms(emf), 80%, 1kHz Amp. Mod.	N/A
Voltage Dips and Interruptions		ETSI EN 301 489-1 V2.2.3 EN 61000-4-11	0 % UT* for 0.5per 0 % UT* for 1per 70 % UT* for 25per 0 % UT* for 250per	N/A

Remark:

Pass	Test item meets the requirement
Fail	Test item does not meet the requirement
N/A	Test case does not apply to the test object
A.M	Amplitude Modulation
†	Differential Mode
‡	Common Mode
*	U_T is the nominal supply voltage

2 Contents

3 General Information

3.1 General Description of E.U.T.

Product Name ..... : Apple Find My luggage tag, Smart Apple Find My PU wallet

Model No. ..... : MO2599, MO2697

Remark ..... : Two models have same electric circuit and PCB layout except appearance and function. Therefore the full tests were performed on model MO2697.

3.2 Details of E.U.T.

Technical Data ..... : Battery 3.7V
Wireless input: 2.5W

3.3 Description of Support Units

The EUT has been tested as an independent unit. MO2697 is the test sample. The full tests were performed in the condition of battery 3.7V input.

3.4 Standards Applicable for Testing

The tests were performed according to following standards:

ETSI EN 301 489-1 V2.2.3 (2019-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-3 V2.3.2 (2023-01)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-17 V3.2.4 (2020-09)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility

3.5 Test Facility

The test facility has a test site registered with the following organizations:

- **ISED – Registration No.: 21895**

Waltek Testing Group (Foshan) Co., Ltd. has been registered and fully described in a report filed with the Innovation, Science an Economic Development Canada(ISED). The acceptance letter from the ISED is maintained in our files. Registration ISED number:21895.

- **FCC – Registration No.: 820106**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 820106.

- **NVLAP – Lab Code: 600191-0**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 600191-0.
This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

3.6 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test items: ---

Lab information:---

3.7 Abnormalities from Standard Conditions

None.

4 Equipment Used during Test

4.1 Equipment List

☐Mains Terminal Disturbance Voltage 1#(Conducted Emission)						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	EMI Test Receiver	R&S	ESR3	102423	2025-01-06	2026-01-05
2.	LISN	R&S	ENV216	101343	2025-01-06	2026-01-05
3.	Cable	HUBER+SUHNER	CBL2-NN-6M	223NN624	2025-01-06	2026-01-05
4.	Switch	CD	RSU-A4	RSUA4008	2025-01-06	2026-01-05
☐Mains Terminal Disturbance Voltage 2#(Conducted Emission)						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	EMI Test Receiver	R&S	ESCI	101178	2025-01-06	2026-01-05
2.	LISN	R&S	ENV216	101215	2025-01-07	2026-01-06
3.	Cable 22	Times Microwave Systems	LMR195UF-BMNM-5.00M	---	2025-01-08	2026-01-07
4.	Switch	ESE	RSU/M2	---	2025-01-06	2026-01-05
☐Mains Terminal Disturbance Voltage 3#(Conducted Emission)						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	EMI Test Receiver	R&S	ESR3	102842	2025-01-06	2026-01-05
2.	LISN	R&S	ENV216	101542	2025-01-06	2026-01-05
3.	Cable 12	YIHENG	LMR195UF-NMNM-2.5	---	2025-01-06	2026-01-05
4.	Manual RF Switch	Top Precision	SW-2	RSU0402	2025-01-06	2026-01-05
☐Radiated Emission (30MHz to 1GHz) 1#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	3m Semi-anechoic Chamber	CHANGCHUANG	9m×6m×6m	---	2024-01-05	2027-01-04
2.	EMI Test Receiver	R&S	ESR7	101566	2025-01-06	2026-01-05
3.	Trilog Broadband Antenna	SCHWARZBECK	VULB 9162	9162-117	2025-01-12	2026-01-11
4.	Cable 20	Times Microwave Systems	RG223-NMNM-10M	---	2025-01-06	2026-01-05
5.	Cable 21	Times Microwave Systems	RG223-NMNM-3M	---	2025-01-06	2026-01-05
☒Radiated Emission (30MHz to 1GHz) 2#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	3m Semi-anechoic Chamber	YIHENG	9m×6m×6m	YH2021071801	2024-01-06	2027-01-05
2.	EMI Test Receiver	R&S	ESR7	102454	2025-01-06	2026-01-05
3.	Trilog Broadband Antenna	SCHWARZBECK	VULB 9163	01418	2025-02-08	2026-02-07
4.	Cable 14	YIHENG	LMR240UF-NMSM-7.5	---	2025-01-06	2026-01-05

☒Radiated Emission (1GHz to 6GHz) 1#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	3m Semi-anechoic Chamber	CHANGCHUANG	9m×6m×6m	-	2024-01-05	2027-01-04
2.	EMI Test Receiver	R&S	ESR7	101566	2025-01-06	2026-01-05
3.	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	01561	2025-01-13	2026-01-12
4.	Coaxial Cable (above 1GHz)	Times-Micorwave	CBL5-NN	-	2025-01-06	2026-01-05
5.	Preamplifier	Lunar E M	LNA1G18-40	20160501002	2025-01-06	2026-01-05
☐Radiated Emission (1GHz to 6GHz) 2#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	3m Semi-anechoic Chamber	YIHENG	9m×6m×6m	YH2021071801	2024-01-06	2027-01-05
2.	EMI Test Receiver	R&S	ESR7	102454	2025-01-06	2026-01-05
3.	Broad-band Horn Antenna	SCHWARZBECK	BBHA9120D	02465	2025-01-13	2026-01-12
4.	Coaxial Cable (above 1GHz)	Times-Microwave Systems	SFT205-NMSM-7	-	2025-01-06	2026-01-05
5.	Preamplifier	Tonscend	TAP0118045	AP21J806168	2025-01-06	2026-01-05
☐Harmonics and Flicker Measuring System						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	Harmonics and Flicker Measuring System	YUANFANG	HFM-3000	V200	2025-01-07	2026-01-06
☒ESD						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	ESD Simulator	TESEQ	NSG437	521	2025-01-06	2026-01-05
☐EFT & Voltage Dips and Interruptions						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	EMS test system	TESEQ	NSG3040	1858	2025-01-06	2026-01-05
2.	Step transformer	TESEQ	INA6501	206	2025-01-06	2026-01-05
3.	Coupling clamp	TESEQ	CDN8014	31405	2025-01-07	2026-01-06
☐Surge						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	Surge Simulator	TESEQ	NSG3060	1395	2025-01-06	2026-01-05
☐Injected Currents						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	Conducted Immunity test system	TESEQ	NSG4070	45345	2025-01-06	2026-01-05
2.	CDN	TESEQ	CDN M016	31586	2025-01-07	2026-01-06
3.	EM Clamp	TESEQ	KEMZ801	32362	2025-01-06	2026-01-05
4.	6dB Attenuator	TESEQ	ATN6075	32122	2025-01-07	2026-01-06

☒Radio-frequency electromagnetic fields						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Date**	**Due Date**
1.	RF Power Amplifier	MICOTOP	MPA-80-1000-250	MPA2405139	2025-01-06	2026-01-05
2.	RF Power Amplifier	MICOTOP	MPA-1000-6000-100	MPA2405140	2025-01-06	2026-01-05
3.	Stacked double logarithmic periodic antenna	SCHWARZBECK	STLP9128E-SPECIAL	142	2025-01-15	2026-01-14
4.	Stacked double logarithmic periodic antenna	SCHWARZBECK	STLP 9149	476	2025-01-13	2026-01-12
5.	Analog signal generator	RS	SMB100A	105566	2025-01-06	2026-01-05
6.	Power meter	RS	NRP6A	101133	2025-01-06	2026-01-05
7.	Power meter	RS	NRP6A	101134	2025-01-06	2026-01-05

☐: ***Not Used***

☒: ***Used***

4.2 Software List

Description	Manufacturer	Model	Version
EMI Test Software (Conducted Emission 1#)	FARATRONIC	EZ-EMC	EMEC-3A1
EMI Test Software (Conducted Emission 2#)	FARATRONIC	EZ-CON	FARAD-3A1.1+
EMI Test Software (Conducted Emission 3#)	FARATRONIC	EZ-EMC	EMC-CON 3A1.1+
EMI Test Software (Radiated Emission 1#)	FARATRONIC	EZ-EMC	RA-03A1-2
EMI Test Software (Radiated Emission 2#)	FARATRONIC	EZ-EMC	RA-03A1-2
Harmonics and Flicker Test Software	YUANFANG	HFM-3000	V2.00.147
Radiated Immunity Test Software	Chinese EMC	EMS	V1.0.0.0

4.3 Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Conducted Emission	150kHz~30MHz	±2.6dB	(1)
Radiated Emission	30MHz~1GHz	±4.5dB	(1)
Radiated Emission	1GHz~6GHz	±4.5dB	(1)

(1)This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.4 Special Accessories and Auxiliary Equipment

Item	Equipment	Technical Data	Manufacturer	Model No.	Serial No.
1.	/	/	/	/	/

4.5 Decision Rule

Compliance or non-compliance with a disturbance limit shall be determined in the following manner.

If U_{LAB} is less than or equal to U_{cispr}, then

-Compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;

-Non-compliance is deemed to occur is any measured disturbance level exceeds the disturbance limit.

If U_{LAB} is greater than U_{cispr}, then

-Compliance is deemed to occur if no measured disturbance level, increased by (U_{LAB}-U_{cispr}) , exceeds the disturbance limit;

-Non-compliance is deemed to occur if any measured disturbance level, increased by (U_{LAB}-U_{cispr}) , exceeds the disturbance limit.

5 EMC Requirements for Emissions

5.1 Radiated Emission

Test Requirement ..... : ETSI EN 301 489-3, ETSI EN 301 489-17

Test Method ..... : ETSI EN 301 489-1, EN 55032, Class B

Frequency Range ..... : 30MHz to 1GHz, 1GHz to 6GHz

Class/Severity ..... : Class B/ Table A.4 and A.5 of EN 55032

Detector ..... : Peak for pre-scan (120kHz Resolution Bandwidth Below 1GHz; 1MHz Resolution Bandwidth Above 1GHz)

5.1.1 EUT Operation:

Operating Environment:

Temperature ..... : 22.6°C

Humidity ..... : 50.9%RH

Atmospheric Pressure ..... : 101.2kPa

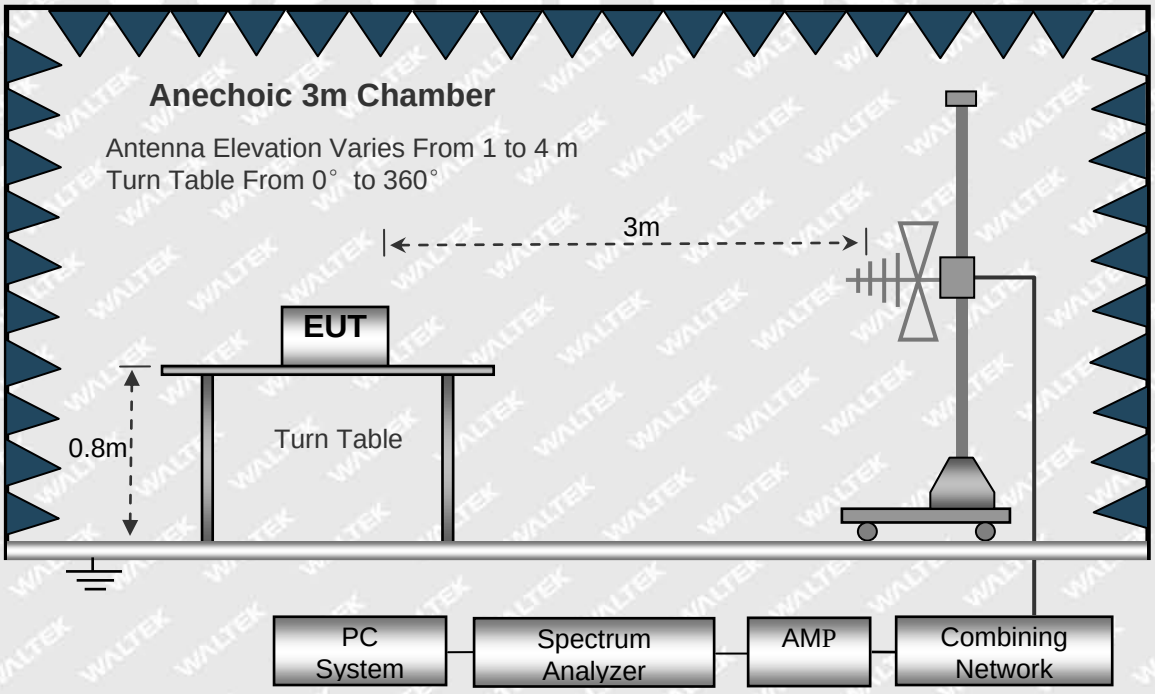
EUT Operation:

Input Voltage ..... : Battery 3.7V

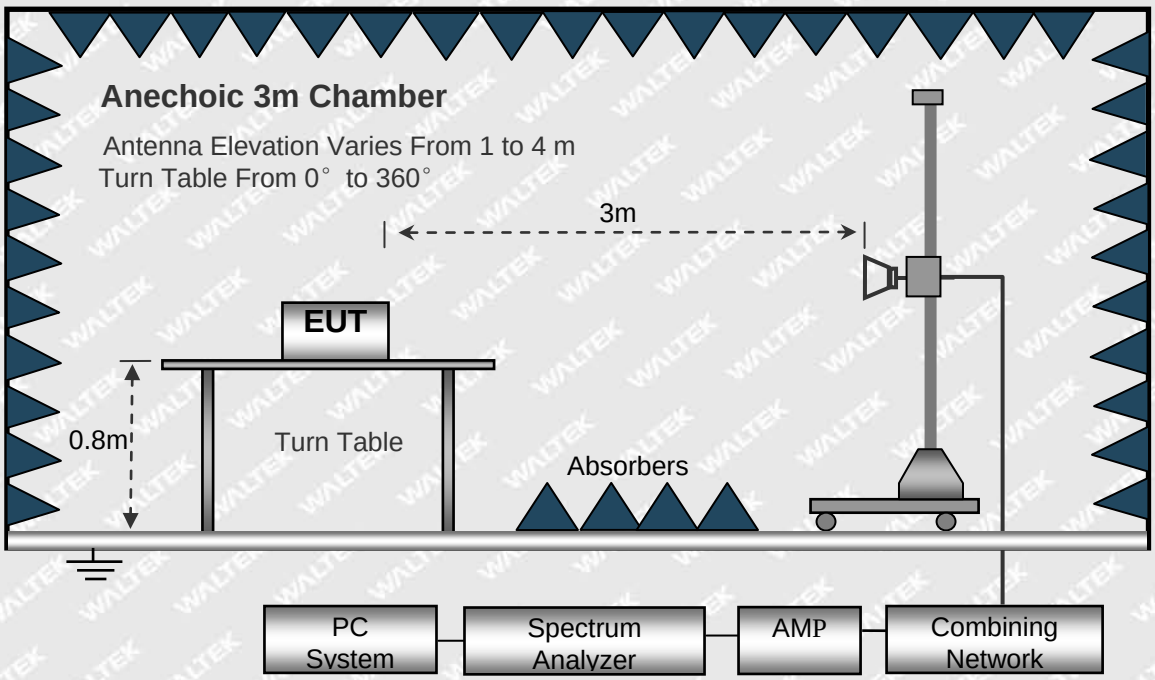
Operating Mode ..... : Communication mode

5.1.2 Test Setup

The radiated emission tests were performed using the setup accordance with the EN 55032.
Frequency Range: Below 1 GHz



Frequency Range: Above 1 GHz



5.1.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading + Corr. Factor

Corr.Factor=Antenna Factor + Cable Factor - Amplifier Gain

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the maximum limit.

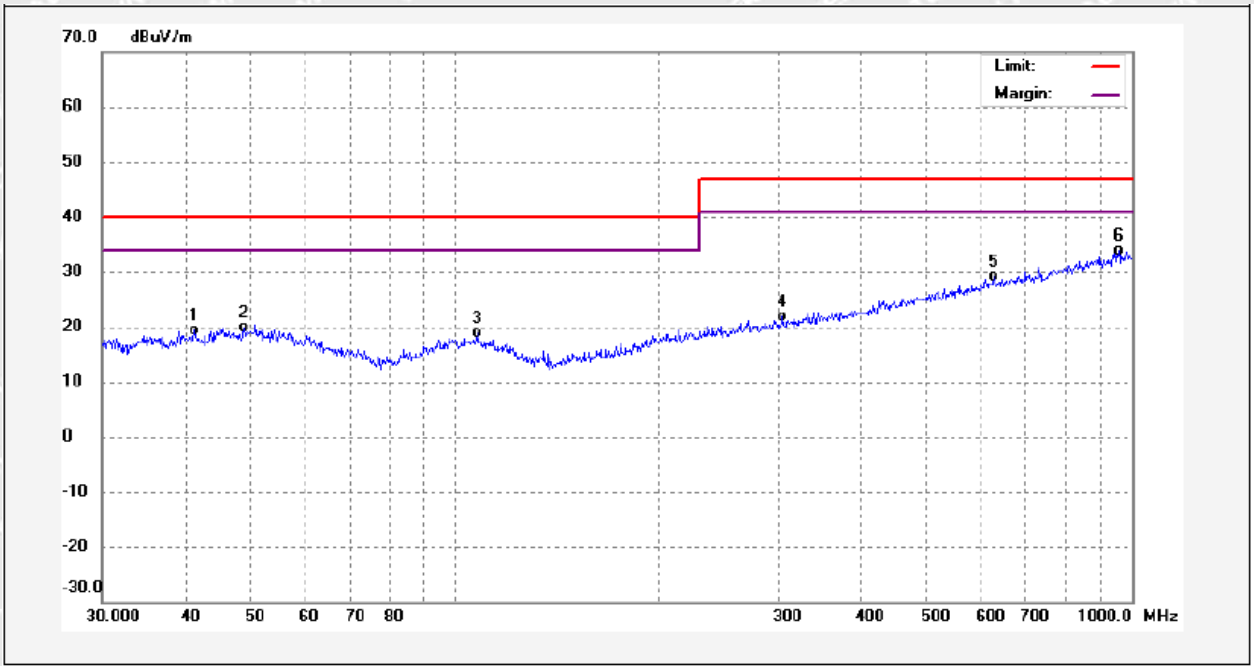
The equation for margin calculation is as follows:

Margin = Corr. Ampl. – Limit

5.1.4 Test Result

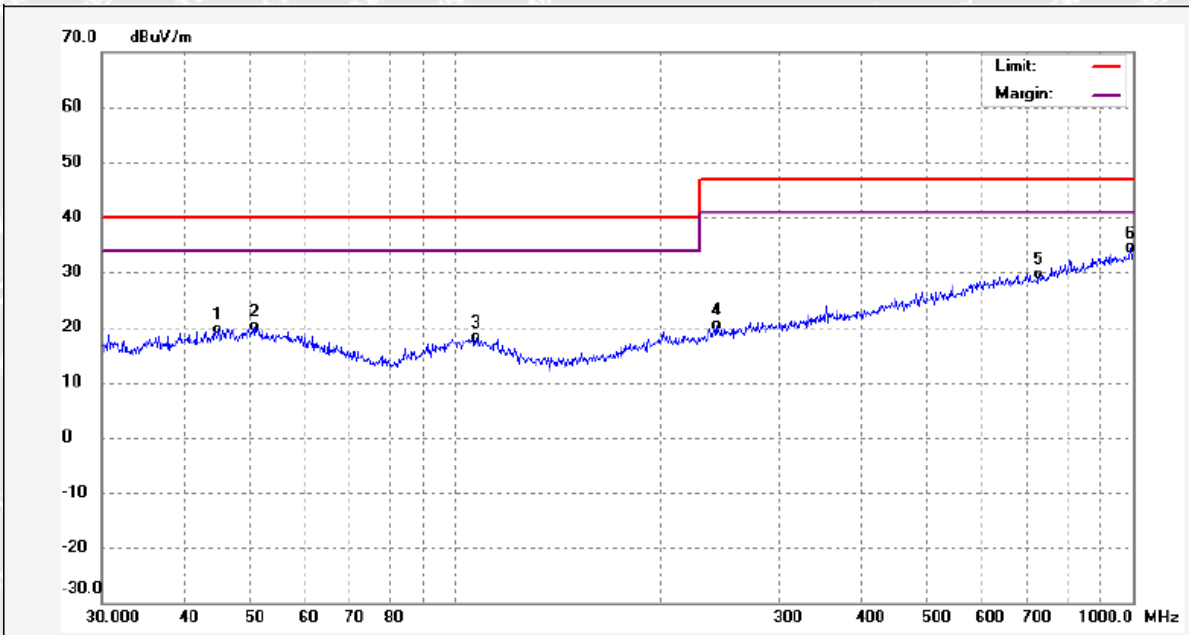
Frequency Range: 30MHz ~ 1000MHz

Antenna Polarization: Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	41.2186	0.50	18.83	19.33	40.00	-20.67	QP	
2	48.8258	-0.11	19.91	19.80	40.00	-20.20	QP	
3	107.9634	0.74	18.16	18.90	40.00	-21.10	QP	
4	304.8236	1.21	20.67	21.88	47.00	-25.12	QP	
5	625.7360	1.90	27.13	29.03	47.00	-17.97	QP	
6	955.7732	3.28	30.60	33.88	47.00	-13.12	QP	

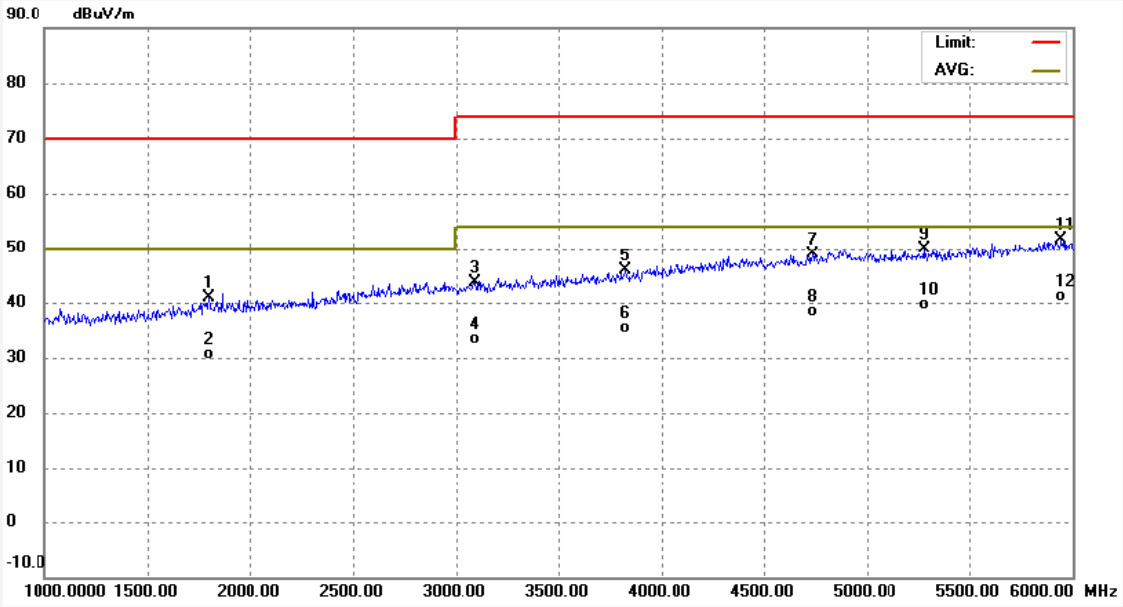
Antenna Polarization: Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	44.7121	0.23	19.48	19.71	40.00	-20.29	QP	
2	50.6925	0.32	19.87	20.19	40.00	-19.81	QP	
3	107.2089	-0.06	18.24	18.18	40.00	-21.82	QP	
4	243.0361	1.12	19.21	20.33	47.00	-26.67	QP	
5	725.2777	2.05	27.69	29.74	47.00	-17.26	QP	
6	996.4996	3.21	31.09	34.30	47.00	-12.70	QP	

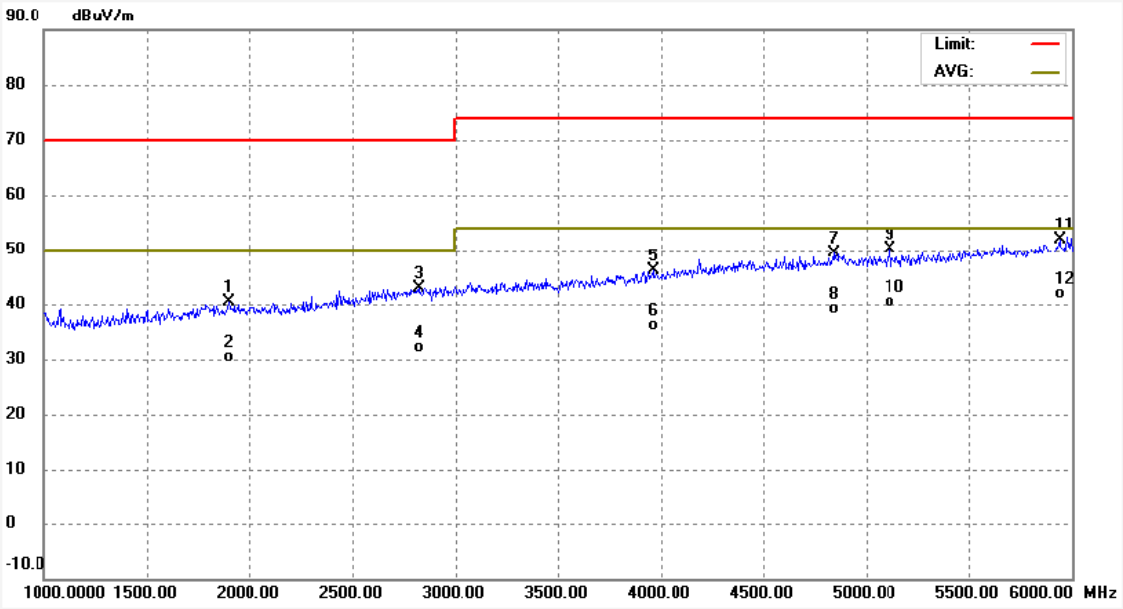
Frequency Range: 1000MHz ~ 6000MHz

Antenna Polarization: Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	1799.500	11.89	28.89	40.78	70.00	-29.22	peak	
2	1799.500	1.65	28.89	30.54	50.00	-19.46	AVG	
3	3095.500	11.72	31.84	43.56	74.00	-30.44	peak	
4	3095.500	1.44	31.84	33.28	54.00	-20.72	AVG	
5	3829.000	12.32	33.53	45.85	74.00	-28.15	peak	
6	3829.000	1.87	33.53	35.40	54.00	-18.60	AVG	
7	4735.000	13.43	35.33	48.76	74.00	-25.24	peak	
8	4735.000	3.09	35.33	38.42	54.00	-15.58	AVG	
9	5282.500	13.64	36.29	49.93	74.00	-24.07	peak	
10	5282.500	3.30	36.29	39.59	54.00	-14.41	AVG	
11	5946.000	14.39	37.33	51.72	74.00	-22.28	peak	
12	5946.000	3.76	37.33	41.09	54.00	-12.91	AVG	

Antenna Polarization: Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	1896.000	11.37	29.05	40.42	70.00	-29.58	peak	
2	1896.000	1.28	29.05	30.33	50.00	-19.67	AVG	
3	2828.500	11.83	31.15	42.98	70.00	-27.02	peak	
4	2828.500	1.00	31.15	32.15	50.00	-17.85	AVG	
5	3963.000	12.01	34.05	46.06	74.00	-27.94	peak	
6	3963.000	2.15	34.05	36.20	54.00	-17.80	AVG	
7	4846.000	13.69	35.61	49.30	74.00	-24.70	peak	
8	4846.000	3.57	35.61	39.18	54.00	-14.82	AVG	
9	5118.500	13.91	36.12	50.03	74.00	-23.97	peak	
10	5118.500	4.16	36.12	40.28	54.00	-13.72	AVG	
11	5941.000	14.65	37.32	51.97	74.00	-22.03	peak	
12	5941.000	4.53	37.32	41.85	54.00	-12.15	AVG	

6 EMC Requirement for Immunity

6.1 Performance Criteria

6.1.1 General performance criteria

The performance criteria are:

• performance criteria A for immunity tests with phenomena of a continuous nature;

• performance criteria B for immunity tests with phenomena of a transient nature;

6.1.2 Performance table

Criteria	During test	After test
A	Operate as intended No loss of function No unintentional responses	Operate as intended No loss of function No degradation of performance No loss of stored data or user programmable functions
B	May show loss of function No unintentional responses	Operate as intended Lost function(s) shall be self-recoverable No degradation of performance No loss of stored data or user programmable functions

6.2 Electrostatic Discharge(ESD)

Test Requirement ..... : ETSI EN 301 489-3, ETSI EN 301 489-17

Test Method ..... : ETSI EN 301 489-1, EN 61000-4-2

Discharge Impedance ..... : 330 Ω / 150 pF

Discharge Voltage ..... : Air Discharge: +/-2,4,8 KV
Contact Discharge:+/-2,4 kV
HCP & VCP: +/-2,4 kV

Polarity ..... : Positive & Negative

Discharge Repeat Times..... : At Least 20 times at each test point

Discharge Mode..... : Single Discharge

Discharge Period..... : 1 second minimum

6.2.1 E.U.T. Operation

Operating Environment:

Temperature..... : 21.3°C

Humidity ..... : 51.6%RH

Atmospheric Pressure ..... : 100.1kPa

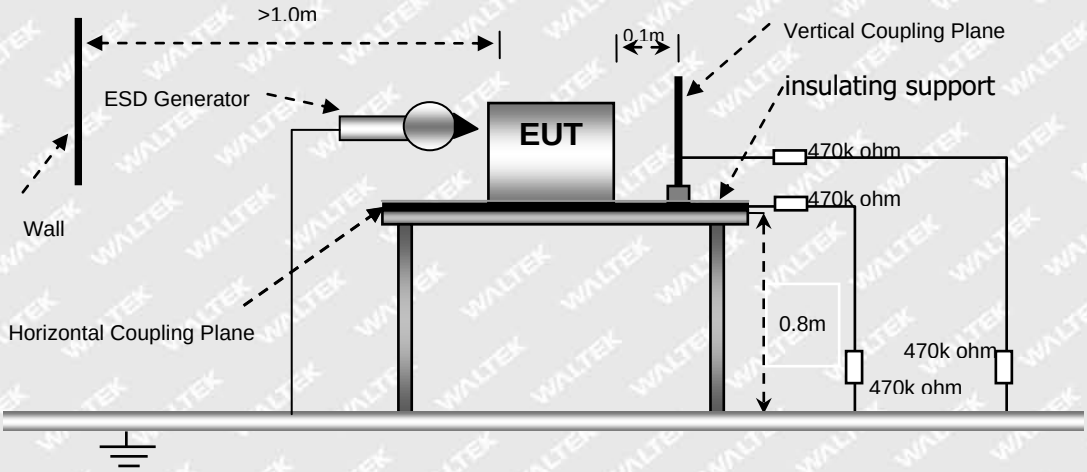
EUT Operation:

Input Voltage..... : Battery 3.7V

Operating Mode ..... : Communication mode

6.2.2 Block Diagram of Setup

The ESD test was performed in accordance with the EN 61000-4-2.



6.2.3 Test Result

Direct Discharge			Performance Criteria	
Discharge Level (kV)	Performance Criterion	Test Point	Contact Discharge	Air Discharge
±2 / ±4 /±8	B	1	N/A	Pass*
±2 / ±4	B	2	Pass*	N/A

Remark:

Test points 1. All Exposed Surface & Seams; 2. All metallic part

* During the test no deviation was detected to the selected operation mode(s)

Indirect Discharge			Performance Criteria	
Discharge Level (kV)	Performance Criterion	Test Point	Horizontal Coupling	Vertical Coupling
±2 / ±4	B	1	Pass*	Pass*

Remark:

Test points 1. All sides

* During the test no deviation was detected to the selected operation mode(s)

6.3 RF Electromagnetic Field (80MHz to 6 000MHz) (RS)

Test Requirement ..... : ETSI EN 301 489-3, ETSI EN 301 489-17

Test Method ..... : ETSI EN 301 489-1, EN 61000-4-3

Face of EUT..... : Front, Back, Left, Right

Frequency Range ..... : 80MHz to 6 000MHz

Test Level..... : 3V/m

Modulation ..... : 80%, 1kHz Amplitude Modulation.

Antenna polarisation..... : Horizontal& Vertical

6.3.1 E.U.T. Operation

Operating Environment:

Temperature..... : 21.6°C

Humidity ..... : 51.5%RH

Atmospheric Pressure ..... : 100.2kPa

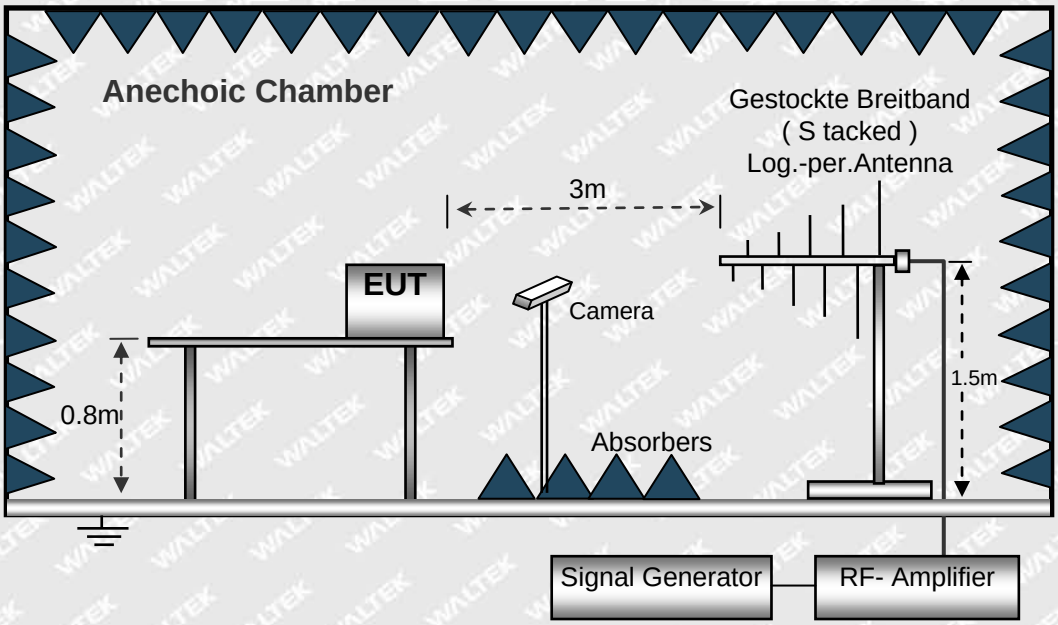
EUT Operation:

Input Voltage..... : Battery 3.7V

Operating Mode ..... : Communication mode

6.3.2 Block Diagram of Setup

The Radiated Immunity test was performed in accordance with the EN 61000-4-3.



6.3.3 Test Result

Frequency	Face of EUT	Antenna polarisation	Test Level	Step Size	Dwell Time	Performance Criterion	Result
80MHz to 1000MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
80MHz to 1000MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*
1000MHz to 6000MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
1000MHz to 6000MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*

Remark:

* During the test no deviation was detected to the selected operation mode(s)

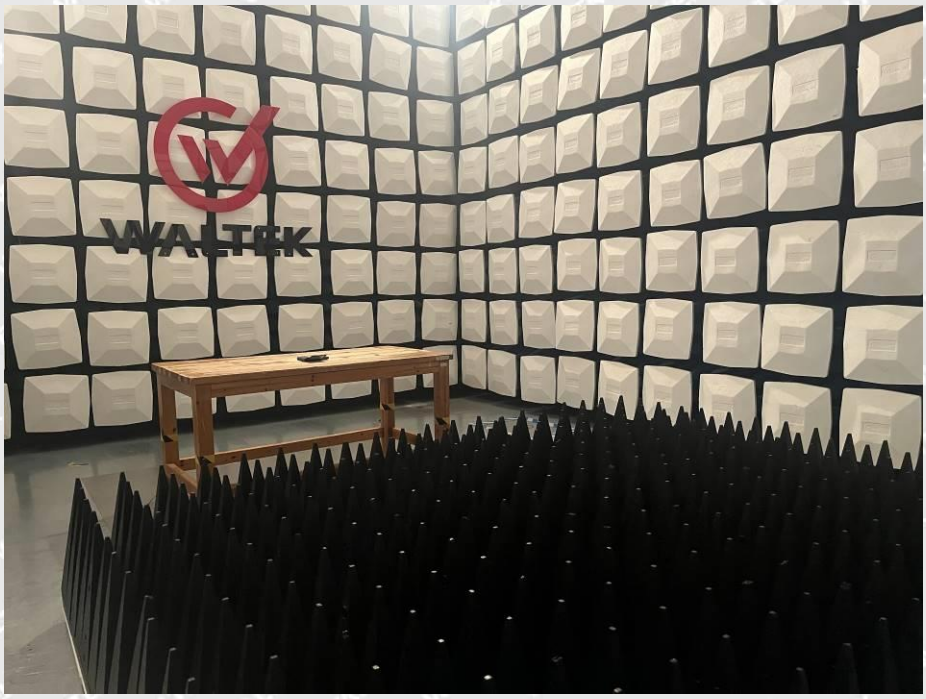
7 Photographs - Test Setup

7.1 Photograph - Radiated Emissions Test Setup

Below 1000MHz

Above 1000MHz

7.2 Photograph - RF Electromagnetic Field Test Setup



7.3 Photograph - ESD Test Setup

8 Photographs – EUT Constructional Details

Please refer to “ANNEX” (Reference No. WTF25F07173499W).

======End of Report======

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检测
TESTING
CNAS L6478

TEST REPORT

Reference No.	:	WTF25F07173500W
Applicant	:	Mid Ocean Brands B.V.
Address	:	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Manufacturer	:	111033
Address	:	---
Product Name	:	Apple Find My luggage tag, Smart Apple Find My PU wallet
Model No.	:	MO2599, MO2697
Test specification	:	EN 55032:2015+A11:2020+A1:2020 EN 55035:2017+A11:2020
Date of Receipt sample	:	2025-07-21
Date of Test	:	2025-07-23 to 2025-07-25
Date of Issue	:	2025-07-31
Test Report Form No.	:	WEI-55032A-04B
Test Result	:	**Pass**

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:
Waltek Testing Group (Foshan) Co., Ltd.
Address: 1/F., Building 19, Sunlink Machinery City, Xingye 4 Road,
Guanglong Industrial Park, Chihua Neighborhood Committee, Chencun,
Shunde District, Foshan, Guangdong, China
Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Tested by:

Roy Hong

Approved by:

Danny Zhou

1 Test Summary

EMISSION			
Test Item	**Test Standard**	**Class / Severity**	**Result**
Mains Terminal Disturbance Voltage, 150kHz to 30MHz	EN 55032:2015+A11:2020+A1:2020	Table A.10	N/A
Radiated Emission, 30MHz to 1000MHz	EN 55032:2015+A11:2020+A1:2020	Table A.4	Pass
Radiation Emission, 1GHz to 6GHz	EN 55032:2015+A11:2020+A1:2020	Table A.5	Pass

IMMUNITY (EN 55035:2017+A11:2020)				
Test Item	**Test Method**	**Class / Severity**	**Performance Criteria**	**Result**
Electrostatic Discharge(ESD)	IEC 61000-4-2:2008	±4 Kv Contact ±8 Kv Air	B	Pass
Continuous RF Electromagnetic Field Disturbances	IEC 61000-4-3: 2006+A1+A2	3V/m, 80%, 1kHz, Amp. Mod.	A	Pass
Electrical Fast Transients (EFT)	IEC 61000-4-4:2012	AC ±1.0Kv DC ±0.5Kv	B	N/A
Surge	IEC 61000-4-5:2005	±1Kv D.M.† ±2Kv C.M.‡	B	N/A
Continuous Induced RF Disturbances, 0.15MHz to 10MHz	IEC 61000-4-6:2008	3Vr.m.s.(emf), 80%, 1kHz Amp. Mod.	A	N/A
Continuous Induced RF Disturbances, 10MHz to 30MHz		3 to 1Vr.m.s.(emf), 80%, 1kHz Amp. Mod	A	
Continuous Induced RF Disturbances, 30MHz to 80MHz		1Vr.m.s.(emf), 80%, 1kHz Amp. Mod	A	
Power-Frequency Magnetic Field	IEC 61000-4-8:2009	1A/m	A	N/A
Voltage Dips	IEC 61000-4-11:2004	< 5 % U_T * for 0.5per	B	N/A
		70 % U_T * for 25/30per	C	
Voltage Interruptions		< 5 % U_T * for 250/300per	C	

Remark:

Pass	Test item meets the requirement
Fail	Test item does not meet the requirement
N/A	Test case does not apply to the test object
A.M	Amplitude Modulation
†	Differential Mode
‡	Common Mode
*	U_T is the nominal supply voltage

2 Contents

Page

3 General Information

3.1 General Description of E.U.T.

Product Name	:	Apple Find My luggage tag, Smart Apple Find My PU wallet
Model No.	:	MO2599, MO2697
Remark	:	Two models have same electric circuit and PCB layout except appearance and function. Therefore the full tests were performed on model MO2697.

3.2 Details of E.U.T.

Technical Data	:	Battery 3.7V Wireless input: 2.5W

3.3 Description of Support Units

The EUT has been tested as an independent unit. MO2697 is the test sample. The full tests were performed in the condition of battery 3.7V input.

3.4 Standards Applicable for Testing

The tests were performed according to following standards:

EN 55032:2015+A11:2020 +A1:2020	Electromagnetic compatibility of multimedia equipment — Emission Requirements
EN 55035:2017+A11:2020	Electromagnetic compatibility of multimedia equipment - Immunity requirements

3.5 Test Facility

The test facility has a test site registered with the following organizations:

- **ISED – Registration No.: 21895**

Waltek Testing Group (Foshan) Co., Ltd. has been registered and fully described in a report filed with the Innovation, Science an Economic Development Canada(ISED). The acceptance letter from the ISED is maintained in our files. Registration ISED number:21895.

- **FCC – Registration No.: 820106**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 820106.

- **NVLAP – Lab Code: 600191-0**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 600191-0.
This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

3.6 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test items: ---

Lab information: ---

3.7 Abnormalities from Standard Conditions

None.

4 Equipment Used during Test

☐Mains Terminal Disturbance Voltage (Conducted Emission) 1#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	EMI Test Receiver	R&S	ESR3	102423	Valid
2.	LISN	R&S	ENV216	101343	Valid
3.	Cable 7	HUBER+SUHNER	CBL2-NN-6M	223NN624	Valid
4.	Switch	CD	RSU-A4 18G	RSUA4008	Valid

☐Mains Terminal Disturbance Voltage (Conducted Emission) 1#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	EMI Test Receiver	R&S	ESCI	101178	Valid
2.	LISN	R&S	ENV216	101215	Valid
3.	Cable 22	Times Microwave Systems	LMR195UF-BMNM-5.00M	---	Valid
4.	Switch	ESE	RSU/M2	---	Valid

☐Mains Terminal Disturbance Voltage (Conducted Emission) 1#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	EMI Test Receiver	R&S	ESR3	102842	Valid
2.	LISN	R&S	ENV216	101542	Valid
3.	Cable 12	YIHENG	LMR195UF-NMNM-2.5	---	Valid
4.	Manual RF Switch	Top Precision	SW-2	RSU0402	Valid

☐Radiated Emission (30MHz to 1GHz) 1#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	3m Semi-anechoic Chamber	CHANGCHUANG	9m×6m×6m	---	Valid
2.	EMI Test Receiver	R&S	ESR7	101566	Valid
3.	Trilog Broadband Antenna	SCHWARZBECK	VULB 9162	9162-117	Valid
4.	Cable 20	Times Microwave Systems	RG223-NMNM-10M	---	Valid
5.	Cable 21	Times Microwave Systems	RG223-NMNM-3M	---	Valid

☒Radiated Emission (30MHz to 1GHz) 2#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	3m Semi-anechoic Chamber	YIHENG	9m×6m×6m	YH2021071801	Valid
2.	EMI Test Receiver	R&S	ESR7	102454	Valid
3.	Trilog Broadband Antenna	SCHWARZBECK	VULB 9163	01418	Valid
4.	Cable 14	YIHENG	LMR240UF-NMSM-7.5	---	Valid

☒Radiated Emission (1GHz to 6GHz) 1#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	3m Semi-anechoic Chamber	CHANGCHUANG	9m×6m×6m	-	Valid
2.	EMI Test Receiver	R&S	ESR7	101566	Valid
3.	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	01561	Valid
4.	Coaxial Cable (above 1GHz)	Times-Micorwave	CBL5-NN	-	Valid
5.	Preamplifier	Lunar E M	LNA1G18-40	20160501002	Valid
☐Radiated Emission (1GHz to 6GHz) 1#					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	3m Semi-anechoic Chamber	YIHENG	9m×6m×6m	YH2021071801	Valid
2.	EMI Test Receiver	R&S	ESR7	102454	Valid
3.	Broad-band Horn Antenna	SCHWARZBECK	BBHA9120D	02465	Valid
4.	Coaxial Cable (above 1GHz)	Times-Microwave Systems	SFT205-NMSM-7	-	Valid
5.	Preamplifier	Tonscend	TAP0118045	AP21J806168	Valid
☒ESD					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	ESD Simulator	TESEQ	NSG437	521	Valid
☐EFT & Voltage Dips and Interruptions					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	EMS test system	TESEQ	NSG3040	1858	Valid
2.	Step transformer	TESEQ	INA6501	206	Valid
3.	Coupling clamp	TESEQ	CDN8014	31405	Valid
☐Surge					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	Surge Simulator	TESEQ	NSG3060	1395	Valid
☐Injected Currents					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	Conducted Immunity test system	TESEQ	NSG4070	45345	Valid
2.	CDN	TESEQ	CDN M016	31586	Valid
3.	EM Clamp	TESEQ	KEMZ801	32362	Valid
4.	6dB Attenuator	TESEQ	ATN6075	32122	Valid
☒Radio-frequency Electromagnetic Fields					
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Status**
1.	RF Power Amplifier	MICOTOP	MPA-80-1000-250	MPA2405139	Valid
2.	RF Power Amplifier	MICOTOP	MPA-1000-6000-100	MPA2405140	Valid

3.	Stacked double logarithmic periodic antenna	SCHWARZBECK	STLP9128E-SPECIAL	142	Valid
4.	Stacked double logarithmic periodic antenna	SCHWARZBECK	STLP 9149	476	Valid
5.	Analog signal generator	RS	SMB100A	105566	Valid
6.	Power meter	RS	NRP6A	101133	Valid
7.	Power meter	RS	NRP6A	101134	Valid

☐: ***Not Used***

☒: ***Used***

4.1 Software List

Description	Manufacturer	Model	Version
EMI Test Software (Conducted Emission 1#)	FARATRONIC	EZ-EMC	EMEC-3A1
EMI Test Software (Conducted Emission 2#)	FARATRONIC	EZ-CON	FARAD-3A1.1+
EMI Test Software (Conducted Emission 3#)	FARATRONIC	EZ-EMC	EMC-CON 3A1.1+
EMI Test Software (Radiated Emission 1#)	FARATRONIC	EZ-EMC	RA-03A1-2
EMI Test Software (Radiated Emission 2#)	FARATRONIC	EZ-EMC	RA-03A1-2
Radiated Immunity Test Software	TONSCEND	JS35-RS	V2.0.1.7

4.2 Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Conducted Emission	150kHz~30MHz	±2.6dB	(1)
Radiated Emission	30MHz~1GHz	±4.5dB	(1)
Radiated Emission	1GHz~6GHz	±4.5dB	(1)

(1)This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.3 Special Accessories and Auxiliary Equipment

Item	Equipment	Technical Data	Manufacturer	Model No.	Serial No.
1.	/	/	/	/	/

4.4 Decision Rule

Compliance or non-compliance with a disturbance limit shall be determined in the following manner.

If U_{LAB} is less than or equal to U_{cispr}, then

-Compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;

-Non-compliance is deemed to occur is any measured disturbance level exceeds the disturbance limit.

If U_{LAB} is greater than U_{cispr}, then

-Compliance is deemed to occur if no measured disturbance level, increased by(U_{LAB}-U_{cispr}) , exceeds the disturbance limit;

-Non-compliance is deemed to occur if any measured disturbance level, increased by(ULAB-Ucispr) , exceeds the disturbance limit.

5 Emission Test Results

5.1 Radiated Emission, 30MHz to 1GHz

Test Requirement ..... : EN 55032 Annex A.2

Test Method ..... : EN 55032 Annex A.2

Test Limit..... : Table A.4 of EN 55032

Test Result ..... : Pass

Frequency Range ..... : 30MHz to 1000MHz

Class...... : Class B

5.1.1 E.U.T. Operation

Operating Environment:

Temperature..... : 22.6°C

Humidity ..... : 50.9%RH

Atmospheric Pressure..... : 101.2kPa

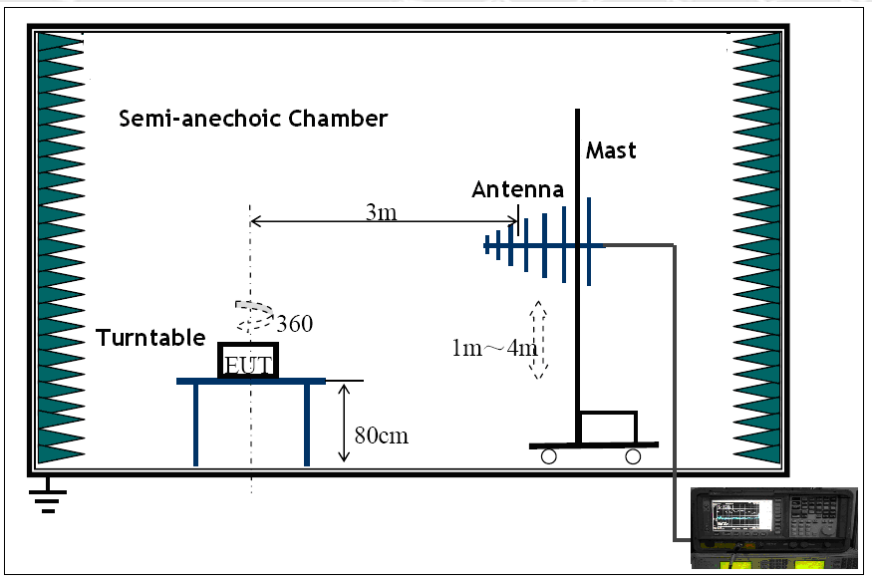
EUT Operation:

Input Voltage..... : Battery 3.7V

Operating Mode ..... : Working mode

5.1.2 Block Diagram of Test Setup

The Radiated Emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the CISPR 16-2-3.



5.1.3 Measurement Data

The maximised peak emissions from the EUT was scanned and measured for EUT 0^0-360^0.Quasi-peak measurements were performed if peak emissions were within 6dB of the limit line.

5.1.4 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading + Corr. Factor

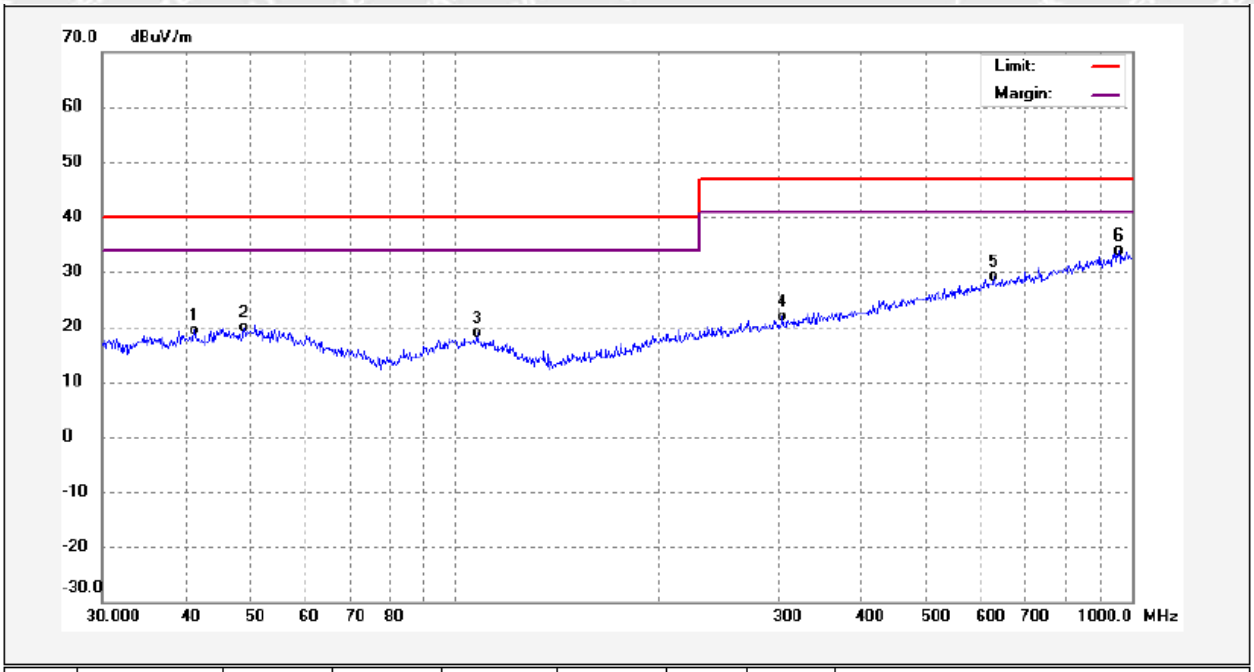
Corr.Factor=Antenna Factor + Cable Factor - Amplifier Gain

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the maximum limit for Class B. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – Limit

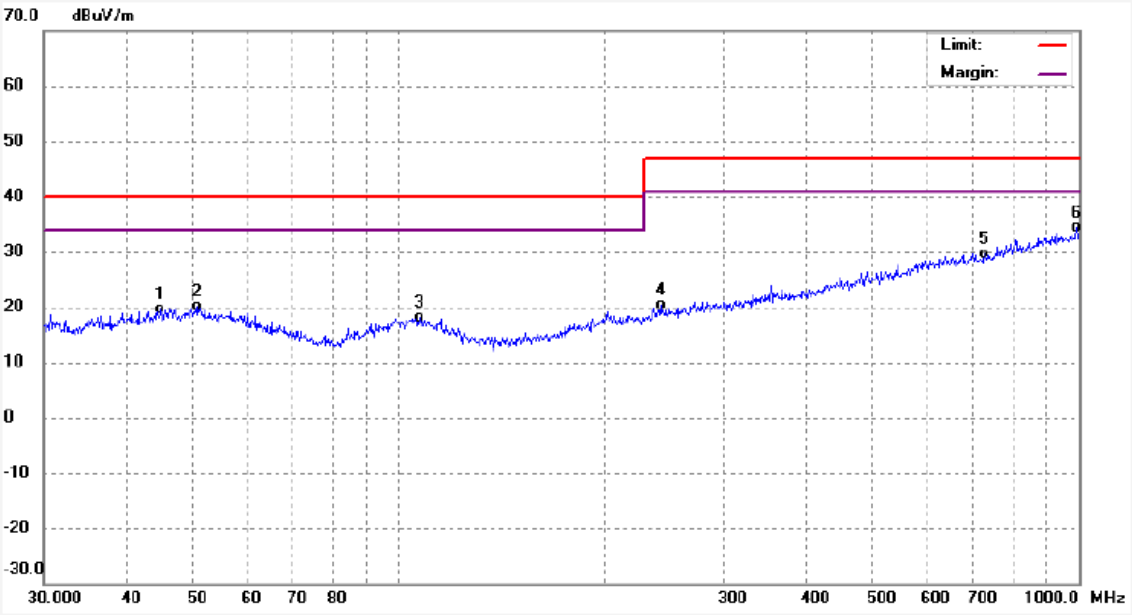
5.1.5 Radiated Emission Test Data

Vertical Polarization



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	41.2186	0.50	18.83	19.33	40.00	-20.67	QP	
2	48.8258	-0.11	19.91	19.80	40.00	-20.20	QP	
3	107.9634	0.74	18.16	18.90	40.00	-21.10	QP	
4	304.8236	1.21	20.67	21.88	47.00	-25.12	QP	
5	625.7360	1.90	27.13	29.03	47.00	-17.97	QP	
6	955.7732	3.28	30.60	33.88	47.00	-13.12	QP	

Horizontal Polarization



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	44.7121	0.23	19.48	19.71	40.00	-20.29	QP	
2	50.6925	0.32	19.87	20.19	40.00	-19.81	QP	
3	107.2089	-0.06	18.24	18.18	40.00	-21.82	QP	
4	243.0361	1.12	19.21	20.33	47.00	-26.67	QP	
5	725.2777	2.05	27.69	29.74	47.00	-17.26	QP	
6	996.4996	3.21	31.09	34.30	47.00	-12.70	QP	

5.2 Radiated Emission, 1GHz to 6GHz

Test Requirement ..... : EN 55032 Annex A.2

Test Method ..... : EN 55032 Annex A.2

Test Limit..... : Table A.5 of EN 55032

Test Result ..... : Pass

Frequency Range ..... : 1GHz to 6GHz

Class...... : Class B

5.2.1 E.U.T. Operation

Operating Environment:

Temperature..... : 22.6°C

Humidity ..... : 50.9%RH

Atmospheric Pressure..... : 101.2kPa

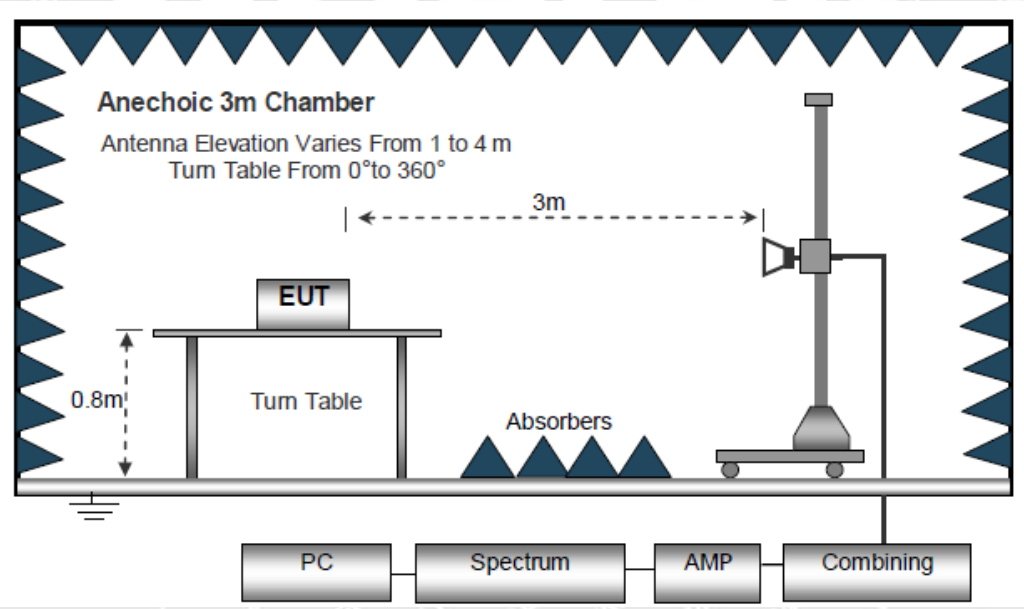
EUT Operation:

Input Voltage..... : Battery 3.7V

Operating Mode ..... : Working mode

5.2.2 Block Diagram of Test Setup

The Radiated Emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the CISPR 16-2-3.



5.2.3 Measurement Data

The maximised peak emissions from the EUT was scanned and measured for EUT 0^0-360^0.Quasi-peak measurements were performed if peak emissions were within 6dB of the limit line.

5.2.4 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading + Corr. Factor

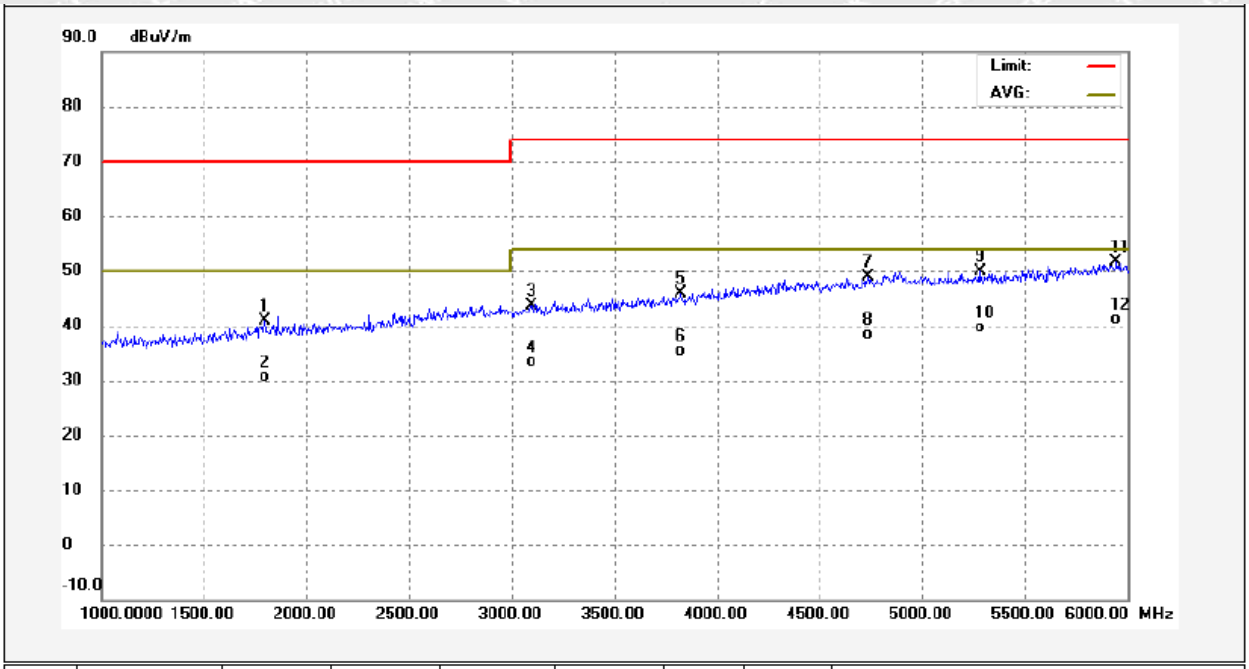
Corr.Factor=Antenna Factor + Cable Factor - Amplifier Gain

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the maximum limit for Class B. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – Limit

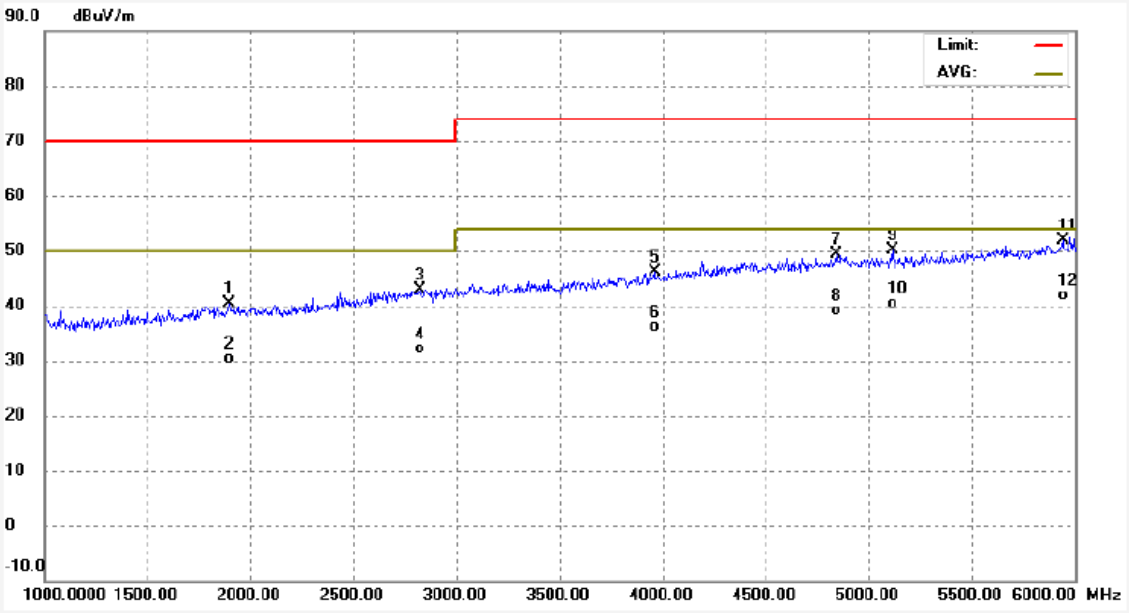
5.2.5 Radiated Emission Test Data

Vertical Polarization



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	1799.500	11.89	28.89	40.78	70.00	-29.22	peak	
2	1799.500	1.65	28.89	30.54	50.00	-19.46	AVG	
3	3095.500	11.72	31.84	43.56	74.00	-30.44	peak	
4	3095.500	1.44	31.84	33.28	54.00	-20.72	AVG	
5	3829.000	12.32	33.53	45.85	74.00	-28.15	peak	
6	3829.000	1.87	33.53	35.40	54.00	-18.60	AVG	
7	4735.000	13.43	35.33	48.76	74.00	-25.24	peak	
8	4735.000	3.09	35.33	38.42	54.00	-15.58	AVG	
9	5282.500	13.64	36.29	49.93	74.00	-24.07	peak	
10	5282.500	3.30	36.29	39.59	54.00	-14.41	AVG	
11	5946.000	14.39	37.33	51.72	74.00	-22.28	peak	
12	5946.000	3.76	37.33	41.09	54.00	-12.91	AVG	

Horizontal Polarization



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	1896.000	11.37	29.05	40.42	70.00	-29.58	peak	
2	1896.000	1.28	29.05	30.33	50.00	-19.67	AVG	
3	2828.500	11.83	31.15	42.98	70.00	-27.02	peak	
4	2828.500	1.00	31.15	32.15	50.00	-17.85	AVG	
5	3963.000	12.01	34.05	46.06	74.00	-27.94	peak	
6	3963.000	2.15	34.05	36.20	54.00	-17.80	AVG	
7	4846.000	13.69	35.61	49.30	74.00	-24.70	peak	
8	4846.000	3.57	35.61	39.18	54.00	-14.82	AVG	
9	5118.500	13.91	36.12	50.03	74.00	-23.97	peak	
10	5118.500	4.16	36.12	40.28	54.00	-13.72	AVG	
11	5941.000	14.65	37.32	51.97	74.00	-22.03	peak	
12	5941.000	4.53	37.32	41.85	54.00	-12.15	AVG	

6 Immunity Test Results

6.1 Performance Criteria

Performance criterion A: The equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer when the equipment is used as intended.

Performance criterion B: After the test, the equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomena below a performance level specified by the manufacturer, when the equipment is used as intended. During the test, degradation of performance is allowed. However, no change of operating state or stored data is allowed to persist after the test

Performance criterion C: Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. Functions, and/or information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

6.2 Electrostatic Discharge (ESD)

Test Requirement ..... : EN 55035

Test Method ..... : IEC 61000-4-2

Test Result ..... : Pass

Discharge Impedance ..... : 330Ω / 150pF

Discharge Voltage ..... : Air Discharge: ±8kV
Contact Discharge: ±4kV
HCP & VCP: ±4kV

Polarity ..... : Positive & Negative

Number of Discharge ..... : Minimum 10 times at each test point

Discharge Mode ..... : Single Discharge

Discharge Period ..... : 1 second minimum

6.2.1 E.U.T. Operation

Operating Environment:

Temperature ..... : 22.9°C

Humidity ..... : 51.1%RH

Barometric Pressure ..... : 101.3kPa

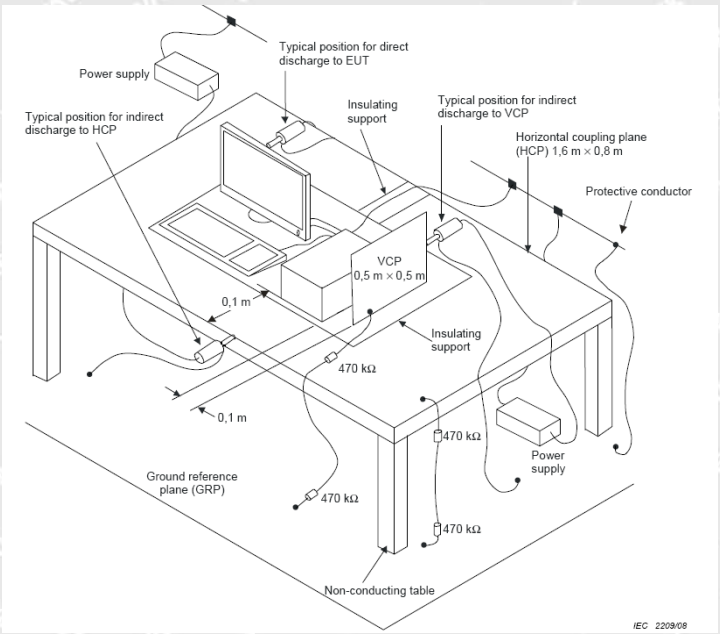
EUT Operation:

Input Voltage ..... : Battery 3.7V

Operating Mode ..... : Working mode

6.2.2 Block Diagram of Setup

The ESD test was performed in accordance with the IEC 61000-4-2.



6.2.3Direct Discharge Test Results

Observations: **Test points:** **1. All Exposed Surface & Seams;**
2. All metallic part

Direct Discharge			Test Results	
Applied Voltage (kV)	**Performance Criterion**	**Test Point**	**Contact Discharge**	**Air Discharge**
±8	B	1	N/A	Pass*
±4	B	2	Pass*	N/A

Remark:

* During the test no deviation was detected to the selected operation mode(s)

6.2.4 Indirect Discharge Test Results

Observations: **Test points:** **1. All sides.**

Indirect Discharge			Test Results	
Applied Voltage (kV)	**Performance Criterion**	**Test Point**	**Horizontal Coupling**	**Vertical Coupling**
±4	B	1	Pass*	Pass*

Remark:

* During the test no deviation was detected to the selected operation mode(s)

6.3 Continuous RF Electromagnetic Field Disturbances

Test Requirement ..... : EN 55035

Test Method ..... : IEC 61000-4-3

Test Result ..... : Pass

Frequency Range ..... : 80MHz to 1000MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz

Test level ..... : 3V/m

Modulation ..... : 80%, 1kHz Amplitude Modulation.

Face of EUT..... : Front, Back, Left, Right

Antenna polarisation..... : Horizontal & Vertical

Test Distance ..... : 3m

6.3.1E.U.T. Operation

Operating Environment:

Temperature..... : 23.3°C

Humidity ..... : 51.4%RH

Barometric Pressure..... : 101.5kPa

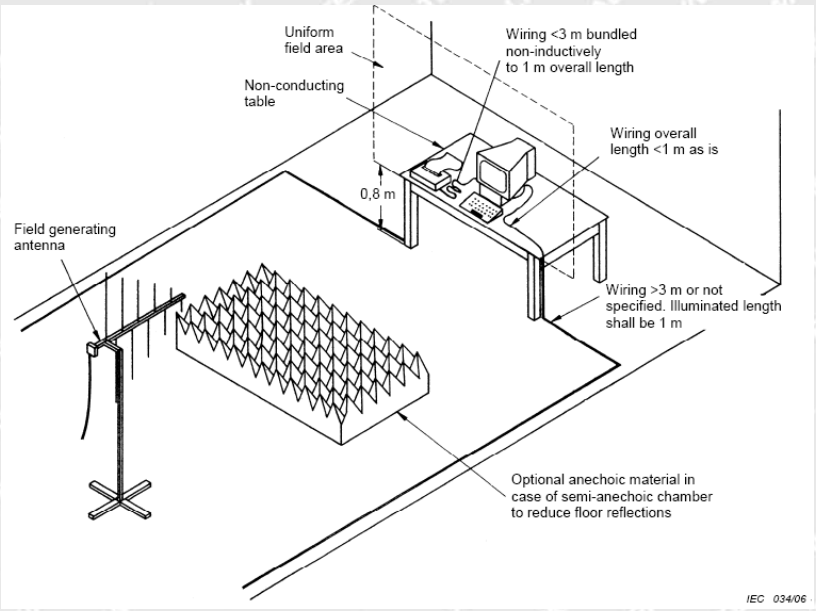
EUT Operation:

Input Voltage..... : Battery 3.7V

Operating Mode ..... : Working mode

6.3.2 Block Diagram of Setup

The Radio-frequency electromagnetic fields Immunity test was performed in accordance with the IEC 61000-4-3.



6.3.3 Test Results

Frequency	Face of EUT	Antenna polarisation	Test Level	Step Size	Dwell Time	Performance Criterion	Result
80 to 1000MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
80 to 1000MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*
1800MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
1800MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*
2600MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
2600MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*
3500MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
3500MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*
5000MHz	Front, Back, Left, Right	Horizontal	3V/m	1%	1s	A	Pass*
5000MHz	Front, Back, Left, Right	Vertical	3V/m	1%	1s	A	Pass*

Remark:

* During the test no deviation was detected to the selected operation mode(s)

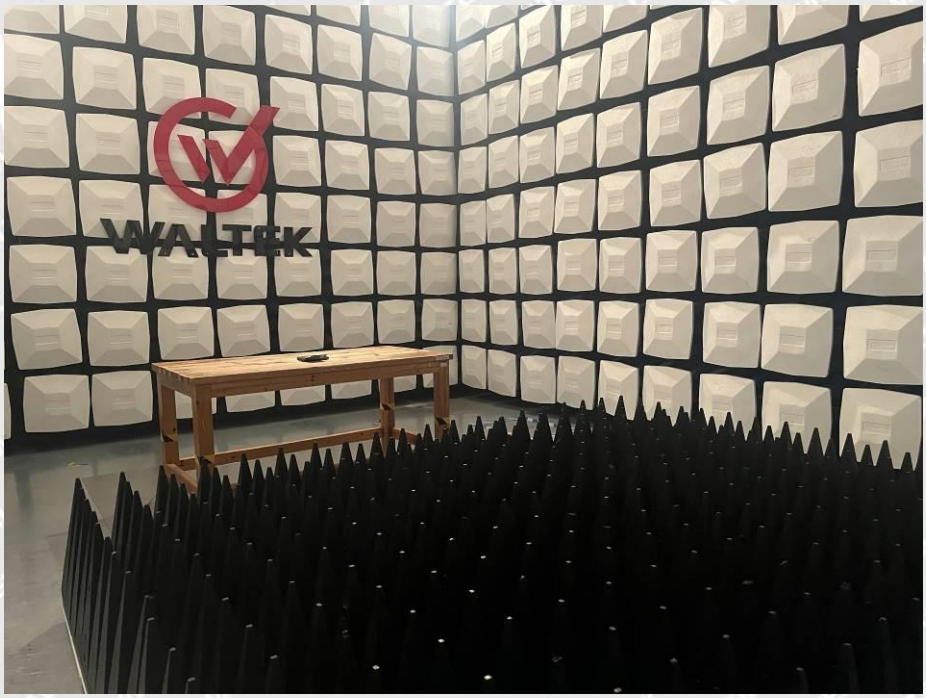
7 Photographs – Test Setup

7.1 Photograph – Radiated Emission Test Setup, 30MHz to 1GHz

7.2 Photograph – Radiated Emission Test Setup, 1GHz to 6GHz

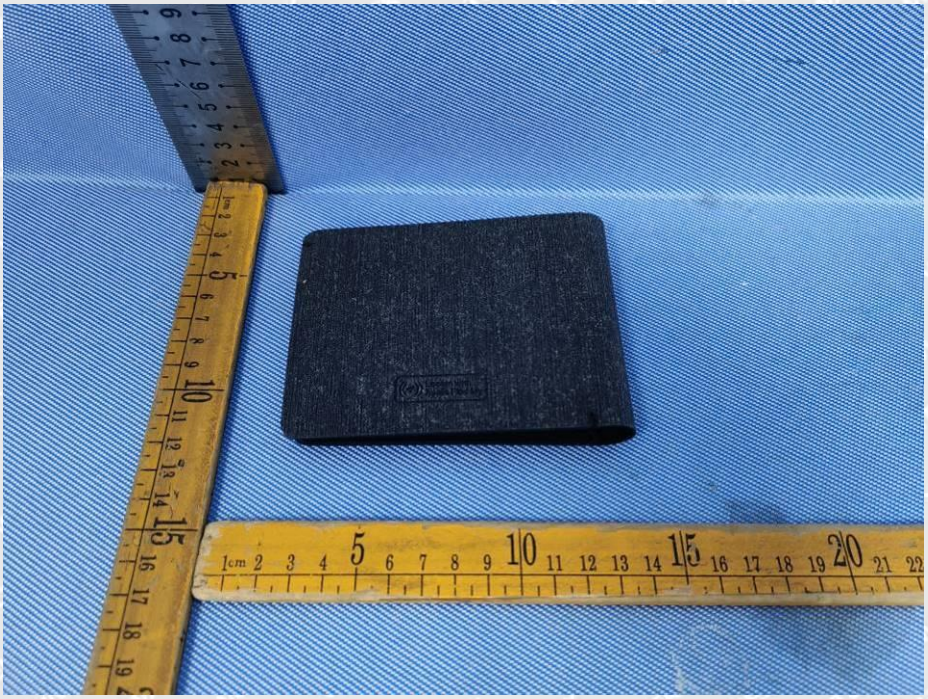
7.3 Photograph – ESD Immunity Test Setup

7.4 Photograph – Continuous RF Electromagnetic Field Disturbances Test Setup

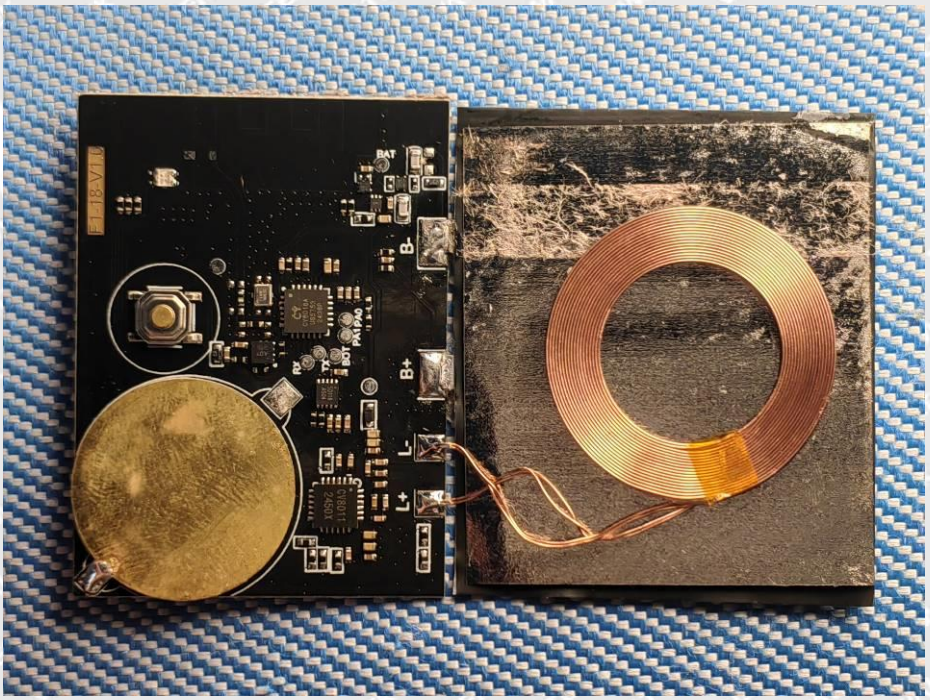


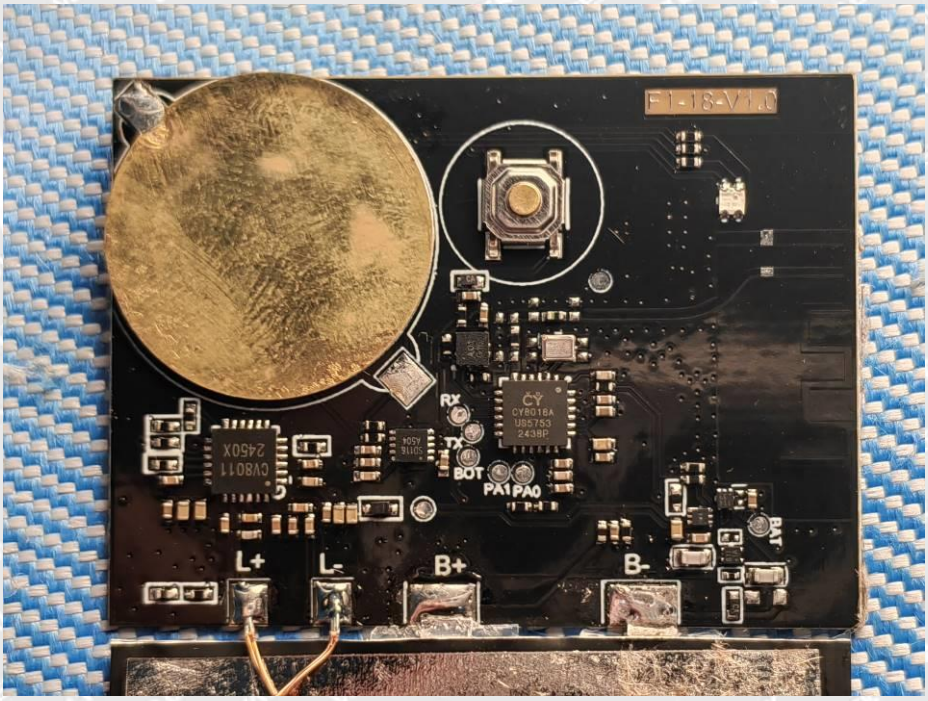
8 Photographs – Constructional Details

8.1 EUT – External Photos



8.2 EUT – Internal Photos





====== End of Report ======