
EMC Test Report

Report No.: AGC05443260416ER01

PRODUCT DESIGNATION : Smart device finder

BRAND NAME : N/A

MODEL NAME : MO3107, MO3108

APPLICANT : MID OCEAN BRANDS B.V.

DATE OF ISSUE : Apr. 24, 2026

STANDARD(S) : ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-17 V3.3.1 (2024-09)

REPORT VERSION : V1.0

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Apr. 24, 2026	Valid	Initial Release

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1. General Information

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	MID OCEAN BRANDS B.V.
Address	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Factory	MID OCEAN BRANDS B.V.
Address	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Product Designation	Smart device finder
Brand Name	N/A
Test Model	MO3107
Series Model(s)	MO3108
Difference Description	All the same except for the model name and accessories.
Date of receipt of test item	Apr. 09, 2026
Date of Test	Apr. 09, 2026 to Apr. 24, 2026
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-EU-EMC_SRD-V1

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By



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(Project Engineer)

Apr. 24, 2026

Reviewed By



Jack Gui
(Reviewer)

Apr. 24, 2026

Approved By



Angela Li
(Authorized Officer)

Apr. 24, 2026

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2. Product Information

2.1 Product Technical Description

Product Designation	Smart device finder
Test Model	MO3107
Hardware Version	V1.0
Software Version	V1.0
Power Supply	DC 3V by battery
Bluetooth Low Energy Technical Parameters	
Operation Frequency Range	2402MHz-2480MHz
Bluetooth Version	V5.2
Modulation Type	☒ LE_GFSK_1Mbps ☒ LE_GFSK_2Mbps
Number of Channels	40 Channels
Antenna Designation	PCB Antenna
Antenna Gain	1dBi

Note: For more details, refer to the user's manual of the EUT.

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2.2 Objective

Perform Electro Magnetic Interference (EMI) and Electro Magnetic Susceptibility (EMS) tests for CE Marking.

2.3 Test Items and The Results

The tests were performed according to following standards:

EN 301 489-1 V2.2.3 (2019-11)	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard for Electro Magnetic Compatibility
EN 301 489-17 V3.3.1 (2024-09)	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband and Wideband Data Transmission Systems; Harmonized Standard for Electro Magnetic Compatibility

Test items are been completed as follows (ETSI EN 301489-1):

Phenomenon	Application	Equipment test requirement		
		fixed use	vehicular use	portable use
Radiated emission	enclosure of ancillary equipment	applicable for stand alone testing	applicable for stand alone testing	applicable for stand alone testing
Conducted emission	DC power input/output port	applicable	applicable	not applicable
	AC mains input/output port	applicable	not applicable	not applicable
	Telecommunication port	applicable	not applicable	not applicable
Harmonic current emissions	AC mains input port	applicable	not applicable	not applicable
Voltage fluctuations and flicker	AC mains input port	applicable	not applicable	not applicable
RF electromagnetic Field (80 MHz to 6000 MHz)	enclosure	applicable	applicable	applicable
Electrostatic discharge	enclosure	applicable	not applicable	applicable
Fast Transients Common mode	signal, Telecommunication and control ports,	applicable	not applicable	not applicable
	DC and AC power ports	applicable	not applicable	not applicable
RF common mode 0,15 MHz to 80 MHz	Signal telecommunication and control ports	applicable	applicable	not applicable
	DC and AC powerports	applicable	applicable	not applicable
transients and surges	DC power inputports	not applicable	applicable	not applicable
voltage dips and interruptions	AC mains powerinput ports	applicable	not applicable	not applicable
surges, line toline and line toground	AC mains power input ports, telecommunication ports	applicable	not applicable	not applicable

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The EUT have been tested according to the applicable standards as referenced below:

EMISSION (EN 301 489-17 §7.1)		
Test items	Test Standard(s)	Verdict
Radiated Emission	EN 55032	Pass
Conducted Emission, DC ports	EN 55032	Not applicable
Conducted Emission, AC ports	EN 55032	Not applicable
Conducted Emission, Telecom ports	EN 55032	Not applicable
IMMUNITY (EN 301 489-17 §7.2)		
Electrostatic Discharge	IEC 61000-4-2 ^a	Pass
Radiated RF Electromagnetic Field	IEC 61000-4-3 ^a	Pass
Electrical Fast Transient/Burst	IEC 61000-4-4 ^a	Not applicable
Transients and Surges, DC ports	ISO 7637-1, -2	Not applicable
Surge Immunity, AC ports	IEC 61000-4-5 ^a	Not applicable
Radio-Frequency Common mode	IEC 61000-4-6 ^a	Not applicable
Voltage dips and interruptions	IEC 61000-4-11 ^a	Not applicable
Note: a. The applicable versions of the basic standards are defined in the standard which listed in the test specification.		

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2.4 General Performance Criteria

■ Performance criteria for continuous phenomena

During the test, the equipment shall:

- continue to operate as intended;
- not unintentionally transmit;
- not unintentionally change its operating state;
- not unintentionally change critical stored data.

■ Performance criteria for transient phenomena

- For all ports and transient phenomena with the exception described below, the following applies:
 - The application of the transient phenomena shall not result in a change of the mode of operation (e.g. unintended transmission) or the loss of critical stored data.
 - After application of the transient phenomena, the equipment shall operate as intended.
- For surges applied to symmetrically operated wired network ports intended to be connected directly to outdoor lines the following criteria applies:
 - For products with only one symmetrical port intended for connection to outdoor lines, loss of function is allowed, provided the function is self-recoverable, or can be otherwise restored. Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.
 - For products with more than one symmetrical port intended for connection to outdoor lines, loss of function on the port under test is allowed, provided the function is self-recoverable. Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.
- For a 0 % residual voltage dip tests the following performance criteria apply:
 - The performance criteria for transient phenomena shall apply.
- For a 70 % residual voltage dip and voltage interruption tests, the following performance criteria apply:
 - in the case where the equipment is fitted with or connected to a battery back-up, the performance criteria for transient phenomena shall apply;
 - in the case where the equipment is powered solely from the AC mains supply (without the use of a parallel battery back-up) volatile user data may have been lost and if applicable the communication link need not to be maintained and lost functions should be recoverable by user or operator;
 - no unintentional responses shall occur at the end of the test, when the voltage is restored to nominal;
 - in the event of loss of function(s) or in the event of loss of user stored data, this fact shall be recorded.

◆ Performance Table

According to ETSI EN 301 489-17 standard, the general performance criteria are as follows:

EN 301 489-17 Performance Criteria_ Bluetooth/WLAN		
Criteria	During Test	After Test (i.e. as a result of the application of the test)
A	Shall operate as intended.(see note). Shall be no loss of function. Shall be no unintentional transmissions.	Shall operate as intended. Shall be no degradation of performance. Shall be no loss of function. Shall be no loss of critical stored data.
B	May be loss of function.	Functions shall be self-recoverable. Shall operate as intended after recovering. Shall be no loss of critical stored data.
C	May be loss of function.	Functions shall be recoverable by the operator. Shall operate as intended after recovering. Shall be no loss of critical stored data.
The performance criteria A shall apply for continuous phenomena. The performance criteria B shall apply for transient phenomena, except for voltage dips greater than or equal to 100ms and voltage interruptions of 5 000ms duration, for which performance criteria C shall apply. Where the EUT is a transmitter in standby mode or receive mode, unintentional transmission shall not occur during the test.		
Note: Operate as intended during the test allows a level of degradation in accordance with the Minimum performance level.		
Minimum performance level		
For equipment that supports a PER or FER, the minimum performance level shall be a PER or FER less than or equal to 10 %. For equipment that does not support a PER or a FER, the minimum performance level shall be no loss of the wireless transmission function needed for the intended use of the equipment.		

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2.5 Description of Test Modes

No.	Test Mode Description
1	BT mode

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3. Setup of Equipment Under Test

3.1 Setup Configuration of EUT

See test photographs attached in Appendix I for the actual connections between EUT and support equipment.

3.2 Support Equipment

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The following peripheral devices and interface cables were connected during the measurement:

☐ Test Accessories Come From The Laboratory

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	N/A	N/A	N/A	N/A	N/A

☐ Test Accessories Come From The Manufacturer

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	N/A	N/A	N/A	N/A	N/A

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4. Test Environment

4.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

4.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories.)

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) 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 with Registration 975832.

IC-Registration No.: 24842(CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

4.3 Environmental Conditions

	Normal Conditions
Temperature range (°C)	15 - 35
Relative humidity range	45 % - 85 %
Pressure range (kPa)	86 - 106

4.4 Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the “Guide to the Expression of Uncertainty in Measurement” (GUM) published by ISO.

- Uncertainty of Conducted Emission, $U_c = \pm 2.9\text{dB}$
- Uncertainty of Radiated Emission below 1GHz, $U_c = \pm 3.9\text{dB}$
- Uncertainty of Radiated Emission above 1GHz, $U_c = \pm 4.9\text{dB}$

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4.5 List of Equipment Used

● Radiated Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	100096	2026-01-13	2027-01-12
☒	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2025-05-08	2026-05-07
☒	AGC-EM-E001	Wideband Antenna	SCHWARZBECK	VULB9168	D69250	2025-03-14	2027-03-13
☒	AGC-EM-E102	Broadband Ridged Horn Antenna	ETS	3117	00154520	2025-05-18	2026-05-17
☒	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2024-07-24	2026-07-23
☒	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2025-05-16	2027-05-15
☐	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2025-05-16	2027-05-15

● ESD (Electrostatic Discharge)							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E013	ESD Simulator	Schaffner	NSG 438	782	2025-11-03	2026-11-02

● RS (Radio Frequency Electromagnetic Field)							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E005	Power Meter	R&S	NRVD	8323781027	2025-03-24	2027-03-23
☒	AGC-EM-E016	Power Amplifier	KALMUS	7100LC	04-02/17-06-001	2025-07-18	2026-07-17
☒	AGC-EM-E028	Wideband Antenna	ETS-LINDGREN	3142C	60447	N/A	N/A
☒	AGC-EM-E029	Antenna	ETS	3117	34609	2026-03-14	2027-03-13
☒	AGC-EM-E035	Power Probe	R&S	URV5-Z4	100124	2025-03-24	2027-03-23
☒	AGC-EM-E040	Directional Coupler	Werlatone	C5571-10	99463	2026-01-13	2028-01-12
☒	AGC-EM-E041	Directional Coupler	Werlatone	C6026-10	99482	2026-01-13	2028-01-12
☒	AGC-EM-E080	Power Amplifier	Rflight	NTWPA-2560100	17063183	2025-07-18	2026-07-17
☒	AGC-EM-E115	Signal Generator	AGILENT	N5182A	MY49060745	2026-01-13	2027-01-12
☒	AGC-EM-E160	Power Amplifier	TESEQ	CBA3G-100	T43913	2025-05-21	2026-05-20

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● Test Software					
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information
☒	AGC-EM-S004	RE Test System	Tonscend	TS ⁺ Ver2.1(JS32-RE)	4.0.0.0
☒	AGC-EM-S003	RE Test System	FARA	EZ-EMC	V.RA-03A
☐	AGC-EM-S001	CE Test System	R&S	ES-K1	V1.71
☒	AGC-EM-S006	RS Test System	Tonscend	TS ⁺ Ver2.1(JS35-RS)	2.0.1.8
☐	AGC-EM-S007	CS Test System	Tonscend	TS ⁺ Ver2.1(JS35-CS)	2.0.1.7
☐	AGC-EM-S009	EFT/Surge/Dips 3 in 1 Test System	TCTEST	WinModula	2.31c

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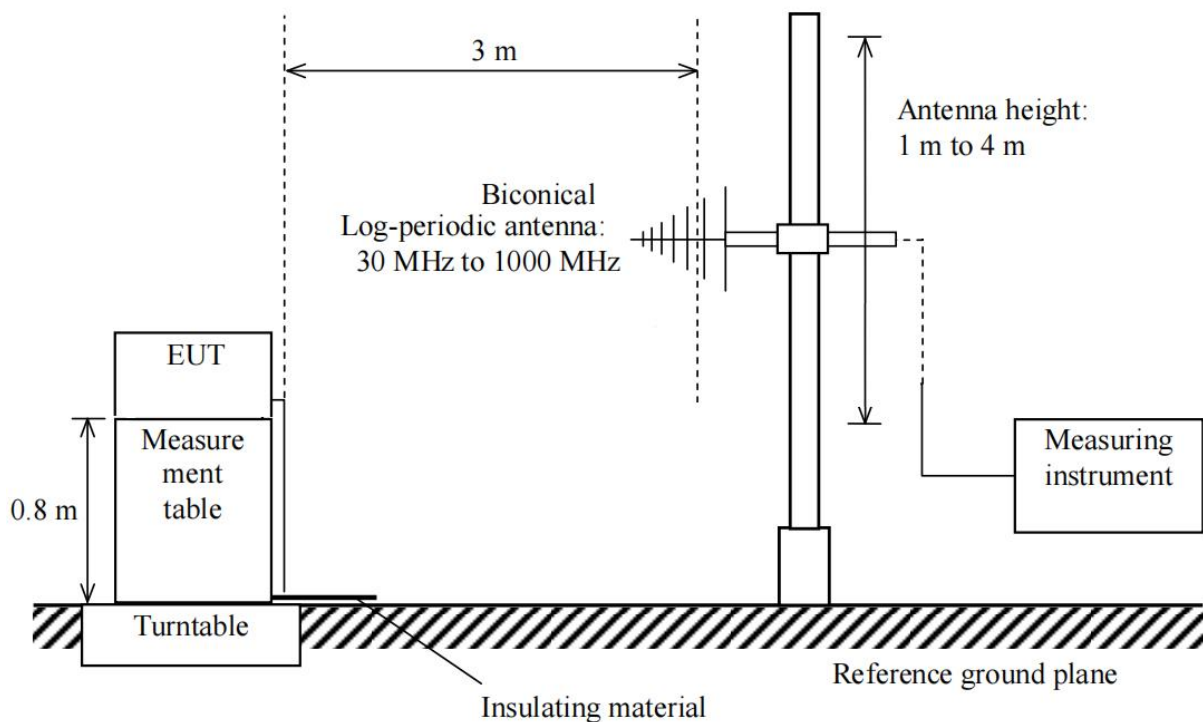
5. Measurement of Radiated Emissions at Frequencies up to 1GHz

5.1. Requirements

Test facility	Detector type/ bandwidth	Frequency Range (MHz)	Limits dB(μ V/m)	Measurement specifications
SAC	Quasi-peak/ 120kHz	30 to 230	40	Instrumentation: CISPR 16-1-1, Clauses 4, 5 Antennas: CISPR 16-1-4, Clause 4.5 Test Site: CISPR 16-1-4, Clause 6 Method: CISPR 16-2-3, Clause 7.6
		230 to 1000	47	

Note: The lower limit shall apply at the transition frequency.

5.2. Block Diagram of Test Setup



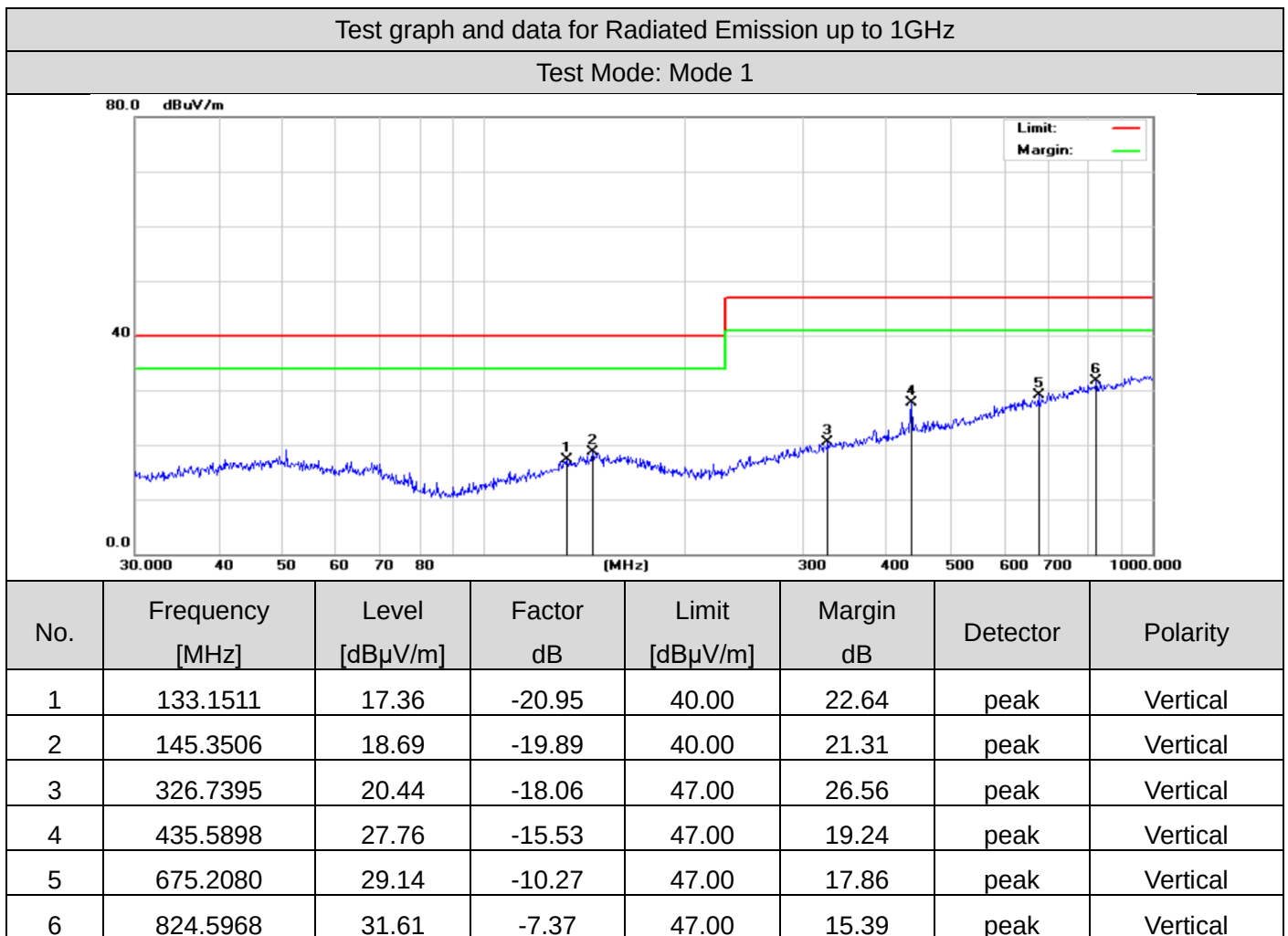
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5.3. Configuration of the EUT and method of measurement

- a. The EUT was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, the EUT was placed on the top surface of a measurement table, 0.8 m high from the horizontal reference plane. When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 10 cm non-conductive covering to insulate the EUT from the ground plane.
- b. Support equipment, if needed, was placed as per CISPR 16-2-3.
- c. All I/O cables were positioned to simulate typical actual usage as per CISPR 16-2-3.
- d. The maximum receiving level of radiated emissions from the EUT was measured while the turntable was rotated from 0° to 360° and the antenna height was scanned between 1 m and 4 m. The cables were laid out to attain the maximum level of radiated emissions.
- e. The more description of the tests, the test methods, and the test set-ups are given in the applicable test standard.
- f. Record at least six highest emissions relative to the limits at each frequency of interest unless the emission is 10 dB or greater below the limit.
- g. A radiated emission is calculated by the following equation:
 - $\text{Measurement Level dB}(\mu\text{V/m}) = \text{Receiver reading dB}(\mu\text{V}) + \text{Factor(dB/m)}$
 - $\text{Factor(dB/m)} = \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)}$
 - $\text{Margin} = \text{Limit-Level}$

5.4. Test Result

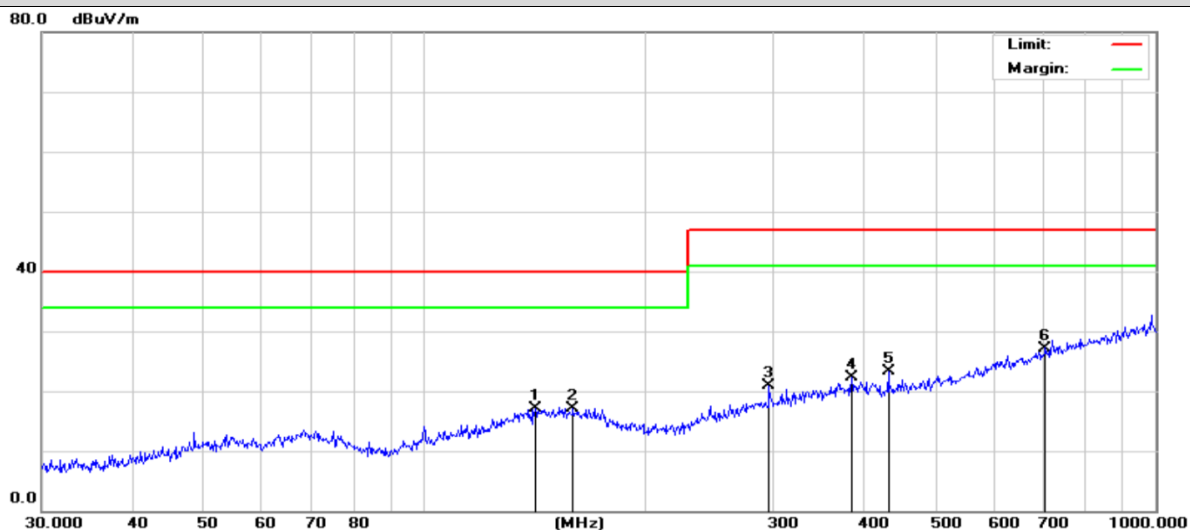
Test Equipment	Smart device finder	Model Name	MO3107
Test Engineer	Carpe Lin	Temperature	20.9 °C
Relative Humidity	51.3 %	Air Pressure	985 Mbar
Worst Mode	Mode 1	Power supply	DC 3V by battery
Test Date	2026-04-16	Verdict	Pass



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Test graph and data for Radiated Emission up to 1GHz

Test Mode: Mode 1



No.	Frequency [MHz]	Level [dBμV/m]	Factor dB	Limit [dBμV/m]	Margin dB	Detector	Polarity
1	141.8262	17.05	-20.99	40.00	22.95	peak	Horizontal
2	159.7844	17.20	-20.71	40.00	22.8	peak	Horizontal
3	296.1836	20.89	-19.68	47.00	26.11	peak	Horizontal
4	383.9318	22.38	-17.70	47.00	24.62	peak	Horizontal
5	431.0316	23.32	-18.36	47.00	23.68	peak	Horizontal
6	706.6999	27.20	-11.97	47.00	19.8	peak	Horizontal

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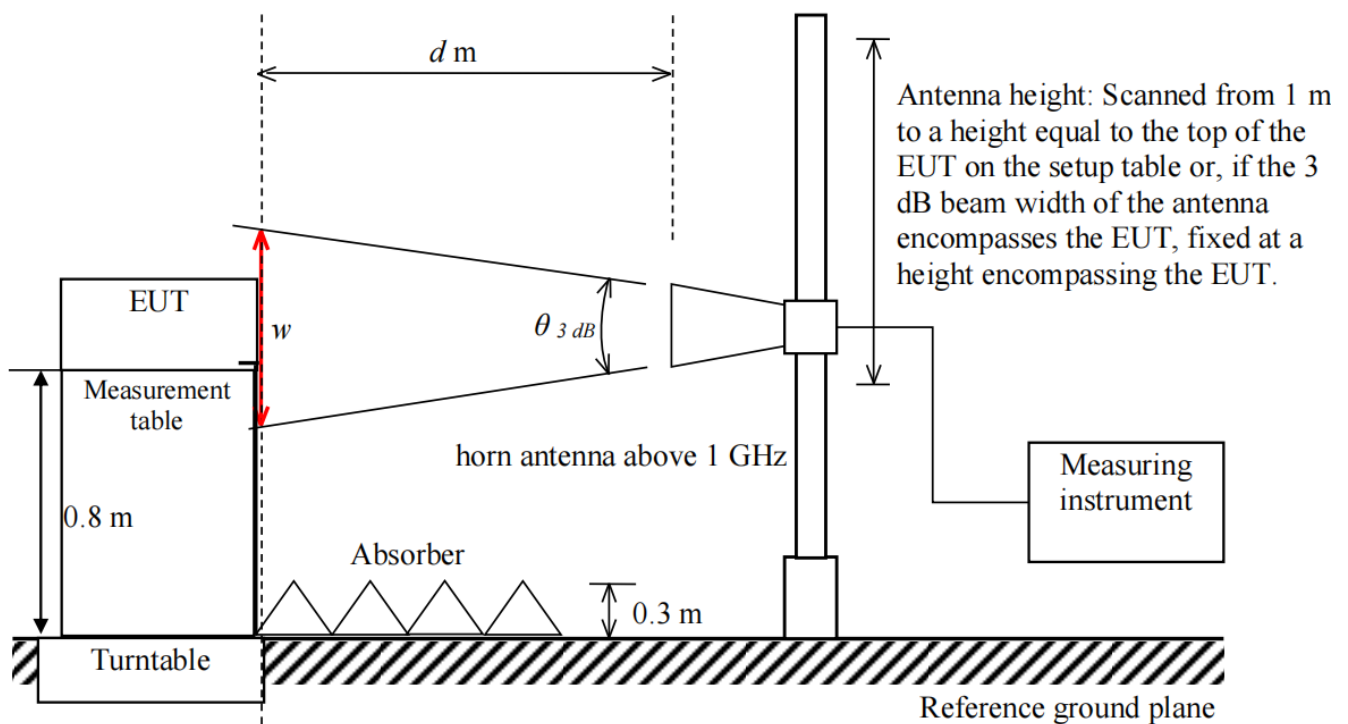
6. Measurement of Radiated Emissions at Frequencies at Above 1GHz

6.1. Requirements

Requirements for radiated emissions at frequencies above 1 GHz at 3m distance

Test Facility	Detector type/ bandwidth	Frequency Range (MHz)	Limits dB(μ V/m)	Measurement specifications
FSOATS	Peak/ 1MHz	1000 to 3000	70	Instrumentation: CISPR 16-1-1, Clauses 4, 6, 7 Antennas: CISPR 16-1-4, Clause 4.6 Test Site: CISPR 16-1-4, Clause 7 Method: CISPR 16-2-3, Clause 7.6
		3000 to 6000	74	
	Average/ 1MHz	1000 to 3000	50	
		3000 to 6000	54	

6.2. Block Diagram of Test Setup



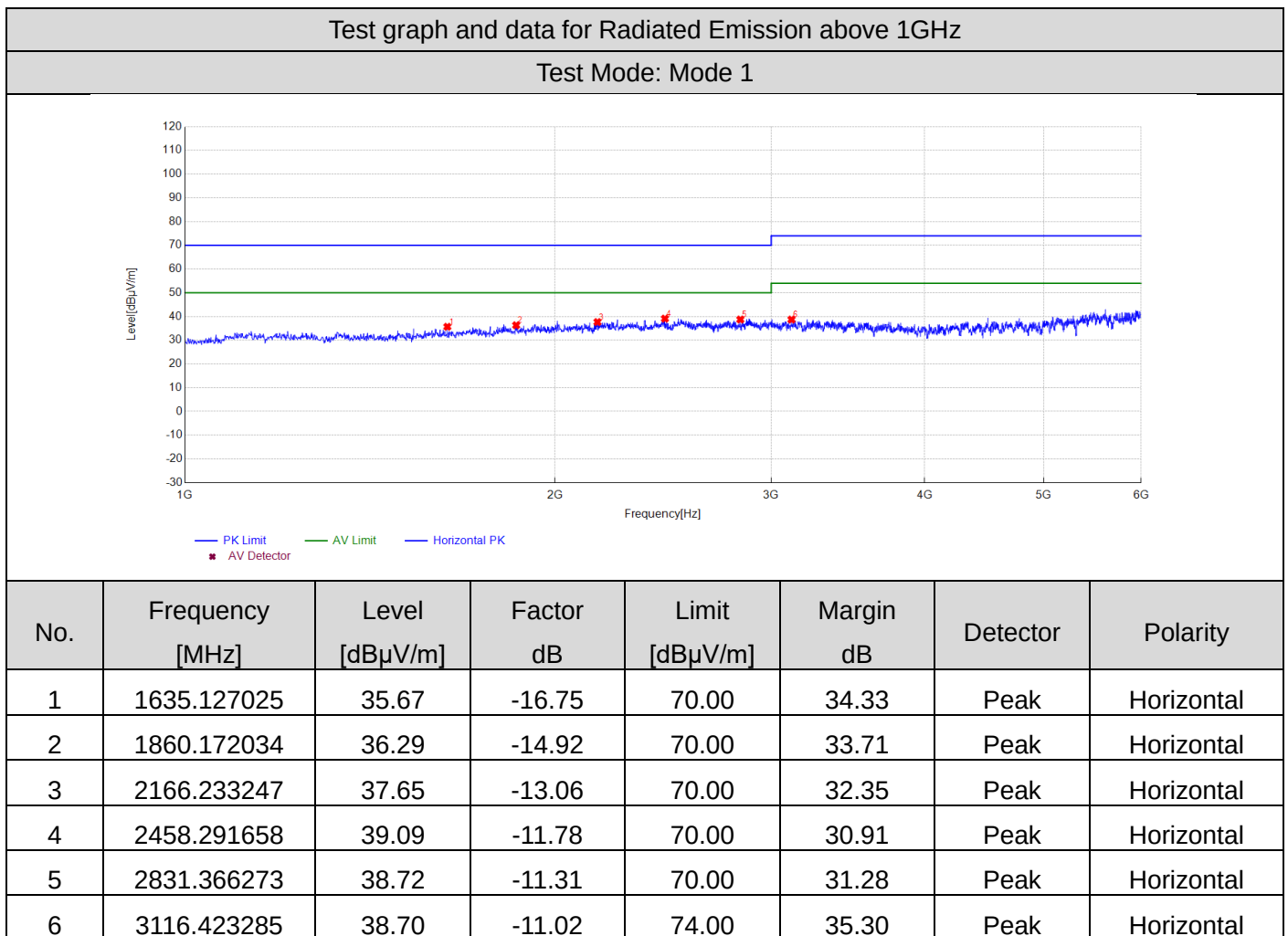
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6.3. Configuration of the EUT and method of measurement

- a. The EUT was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, the EUT was placed on the top surface of a measurement table, 0.8 m high from the horizontal reference plane. When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 10 cm non-conductive covering to insulate the EUT from the ground plane.
- b. Support equipment, if needed, was placed as per CISPR 16-2-3.
- c. All I/O cables were positioned to simulate typical actual usage as per CISPR 16-2-3.
- d. The maximum receiving level of radiated emissions from the EUT was measured while the turntable was rotated from 0° to 360° and the antenna height scanned from 1 m to a height equal to the top of the EUT on the setup table or, if the 3 dB beam width of the antenna encompasses the EUT, fixed at a height encompassing the EUT. The cables were laid out to attain the maximum level of radiated emissions.
- e. The more description of the tests, the test methods, and the test set-ups are given in the applicable test standard.
- f. Record at least six highest emissions relative to the limits at each frequency of interest unless the emission is 10 dB or greater below the limit.
- g. A radiated emission is calculated by the following equation:
 - $\text{Measurement Level dB}(\mu\text{V}/\text{m}) = \text{Receiver reading dB}(\mu\text{V}) + \text{Factor}(\text{dB}/\text{m})$
 - $\text{Factor}(\text{dB}/\text{m}) = \text{Antenna Factor}(\text{dB}/\text{m}) + \text{Cable Loss}(\text{dB}) - \text{Amplifier Gain}(\text{dB})$
 - $\text{Margin} = \text{Limit} - \text{Level}$

6.4. Test Result

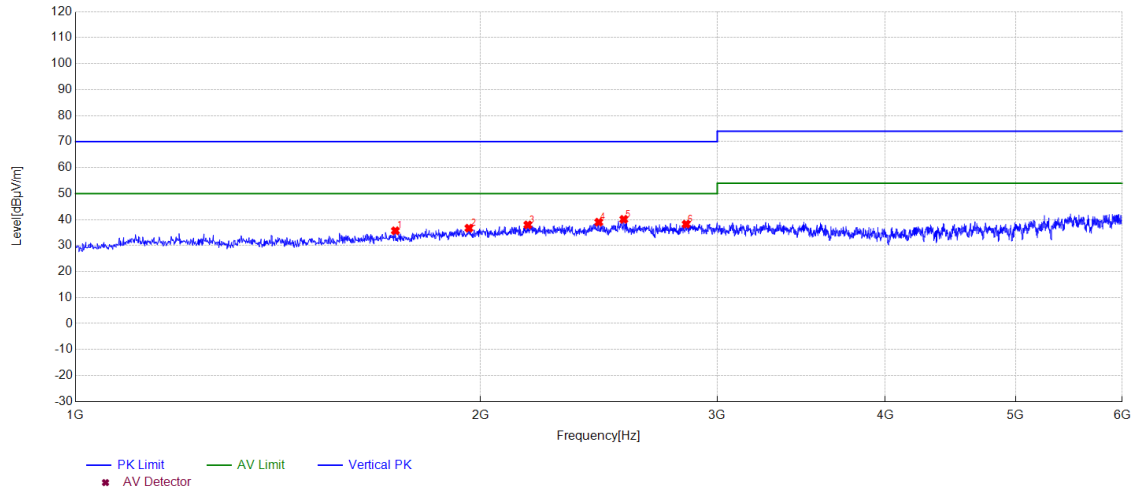
Test Equipment	Smart device finder	Model Name	MO3107
Test Engineer	Carpe Lin	Temperature	20.9 °C
Relative Humidity	51.3 %	Air Pressure	985 Mbar
Worst Mode	Mode 1	Power supply	DC 3V by battery
Test Date	2026-04-16	Verdict	Pass



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Test graph and data for Radiated Emission above 1GHz

Test Mode: Mode 1



No.	Frequency [MHz]	Level [dBμV/m]	Factor dB	Limit [dBμV/m]	Margin dB	Detector	Polarity
1	1729.145829	35.70	-15.98	70.00	34.30	Peak	Vertical
2	1961.192238	36.69	-14.11	70.00	33.31	Peak	Vertical
3	2169.233847	37.94	-13.05	70.00	32.06	Peak	Vertical
4	2449.289858	39.00	-11.81	70.00	31.00	Peak	Vertical
5	2556.311262	40.09	-11.54	70.00	29.91	Peak	Vertical
6	2844.368874	38.23	-11.30	70.00	31.77	Peak	Vertical

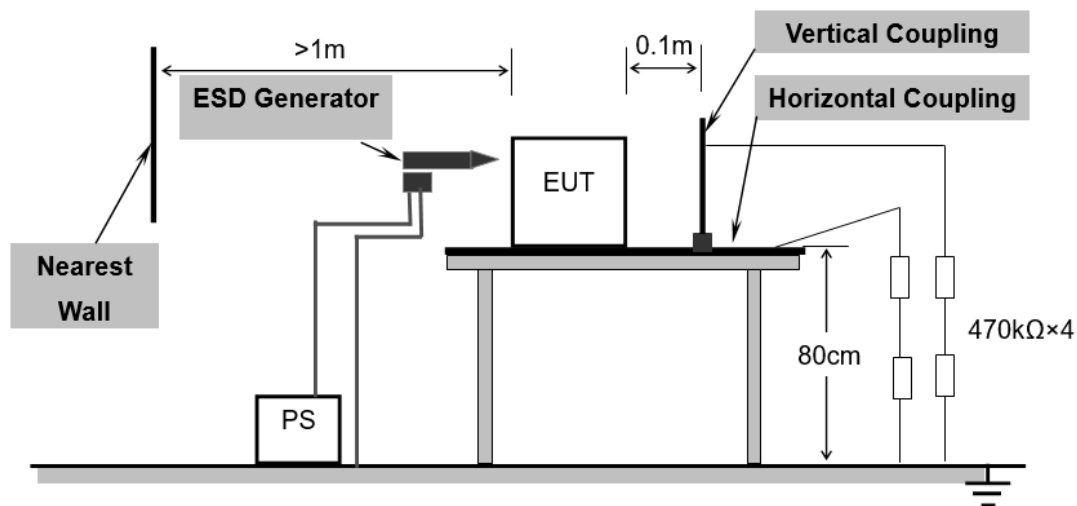
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7. Measurement of Electrostatic Discharge

7.1. Requirements

Port	Enclosure
Basic Standard	IEC 61000-4-2
Test Level	±8.0 kV (Air Discharge) ±4.0 kV (Contact Discharge) ±4.0 kV (Indirect Discharge)
Required Performance Criterion	B
Time Between Each Discharge:	1 second
Number of Discharge for Each Applied Voltage	10

7.2. Block Diagram of Test Setup



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7.3. Configuration of the EUT and method of measurement

- a. Electrostatic discharges were applied only to those points and surfaces of the EUT that are accessible to users during normal operation.
- b. The test was performed with at least ten single discharges on the pre-selected points in the most sensitive polarity.
- c. The time interval between two successive single discharges was at least 1 second.
- d. The ESD generator was held perpendicularly to the surface to which the discharge was applied and the return cable was at least 0.2 meters from the EUT.
- e. Contact discharges were applied to the non-insulating coating, with the pointed tip of the generator penetrating the coating and contacting the conducting substrate.
- f. Air discharges were applied with the round discharge tip of the discharge electrode approaching the EUT as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator was removed from the EUT and re-triggered for a new single discharge. The test was repeated until all discharges were completed.
- g. At least ten single discharges (in the most sensitive polarity) were applied to the Horizontal Coupling Plane at points on each side of the EUT. The ESD generator was positioned vertically at a distance of 0.1 meters from the EUT with the discharge electrode touching the HCP.
- h. At least ten single discharges (in the most sensitive polarity) were applied to the center of one vertical edge of the Vertical Coupling Plane in sufficiently different positions that the four faces of the EUT were completely illuminated. The VCP (dimensions 0.5m×0.5m) was placed vertically to and 0.1 meters from the EUT.
- i. The test results shall be classified in terms of the loss of function or degradation of performance of the equipment under test, relative to a performance criterion defined in the report.

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7.4. Test Result

Test Equipment	Smart device finder	Model Name	MO3107
Test Engineer	Carpe Lin	Temperature	20.2 °C
Relative Humidity	51.6 %	Air Pressure	985 Mbar
Test Mode(s)	Mode 1	Power supply	DC 3V by battery
Test Date	2026-04-17	Verdict	Pass

Voltage	Coupling	Observation	Performance
±4kV	Contact Discharge	N/A	N/A
±2KV, ±4kV, ±8kV	Air Discharge	No degradation of performance	A
±4kV	Indirect Discharge HCP	No degradation of performance	A
±4kV	Indirect Discharge VCP	No degradation of performance	A

Discharge Point:	
Blue line: Air Discharge	
	

Note: Contact discharge

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8. Measurement of Radio-Frequency Electromagnetic Field

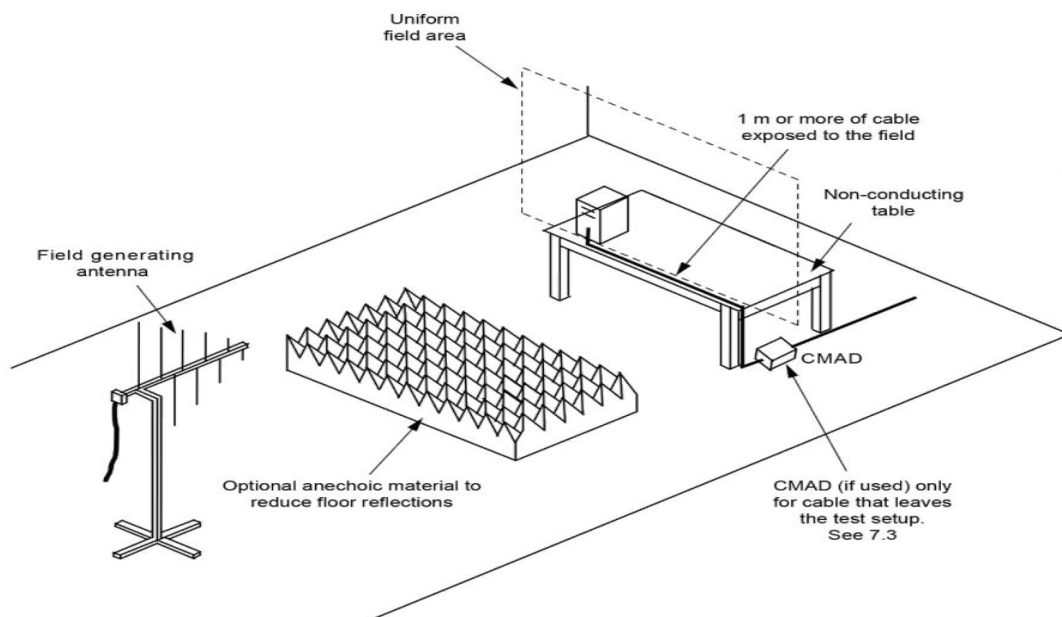
8.1. Requirements

Port	Enclosure
Basic Standard	IEC 61000-4-3
Test Level	3V/m with 80% AM. 1kHz Modulation at 80 to 6000MHz
Required Performance Criterion	A
Antenna polarization	Vertical and Horizontal
Step size increment ^a	1%
Dwell time ^b	≤5 seconds
Test Distance	3m
EUT position facing antenna	Front side, back side, left side and right side

Notes:

- Recognizing that a 1% step size is preferred, the frequency range can be swept incrementally with a step size not exceeding 4% of the previous frequency with a test level of twice the value of the specified test level in order to reduce the testing time for equipment requiring testing in multiple configurations and/or long cycle times.
- The dwell time at each frequency shall not be less than the time necessary for the EUT to be exercised and to be able to respond. However, the dwell time shall not exceed 5 seconds at each of the frequencies during the scan. The time to exercise the EUT is not interpreted as a total time of a program or a cycle but related to the reaction time in case of failure of the EUT.

8.2. Block Diagram of Test Setup



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8.3. Configuration of the EUT and method of measurement

- a. The Equipment Under Test (EUT) was positioned within the Uniform Field Area (UFA) on a supporting table, ensuring a 3-meter separation from the transmitting antenna. This setup aligns with the calibrated square area, guaranteeing field uniformity during testing. The supporting units were strategically located outside the UFA to avoid any potential interference. Nonetheless, the cables connected to the EUT were intentionally exposed to the precisely calibrated field within the UFA.
- b. Before testing, it will verify the proper operation of the test equipment/system. This verification will involve measuring the field strength at one point within the Uniform Field Area (UFA) at various frequencies.
- c. The test shall be performed according to the above requirements and block diagram which shall specify the test setup.
- d. The test results shall be classified in terms of the loss of function or degradation of performance of the equipment under test, relative to a performance criterion defined in the report.

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8.4. Test Result

Test Equipment	Smart device finder	Model Name	MO3107
Test Engineer	Carpe Lin	Temperature	20.9 °C
Relative Humidity	51.3 %	Air Pressure	985 Mbar
Test Mode(s)	Mode 1	Power supply	DC 3V by battery
Test Date	2026-04-16	Verdict	Pass

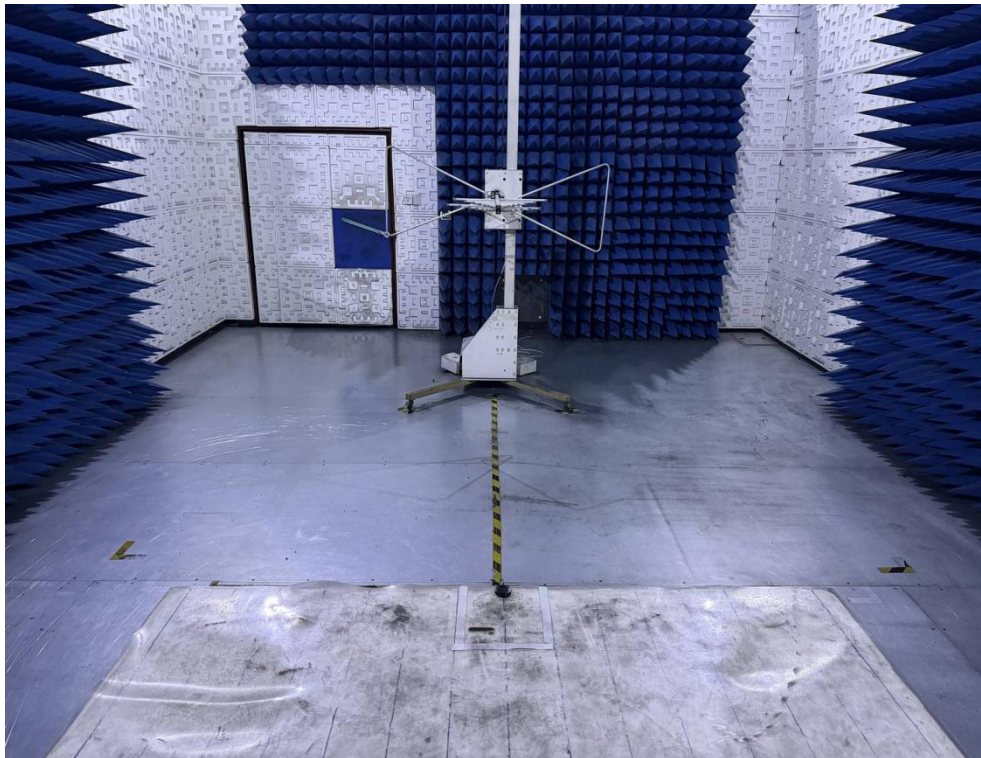
Frequency (MHz)	Polarity	Exposed Side	Field Strength (V/m)	Observation	Performance
80-6000	Vertical	Front	3V/m (rms)	See Note	A
80-6000		Left	3V/m (rms)	See Note	A
80-6000		Rear	3V/m (rms)	See Note	A
80-6000		Right	3V/m (rms)	See Note	A
80-6000	Horizontal	Front	3V/m (rms)	See Note	A
80-6000		Left	3V/m (rms)	See Note	A
80-6000		Rear	3V/m (rms)	See Note	A
80-6000		Right	3V/m (rms)	See Note	A

Note: No degradation or PER < 10% in the performance of the EUT was observed.

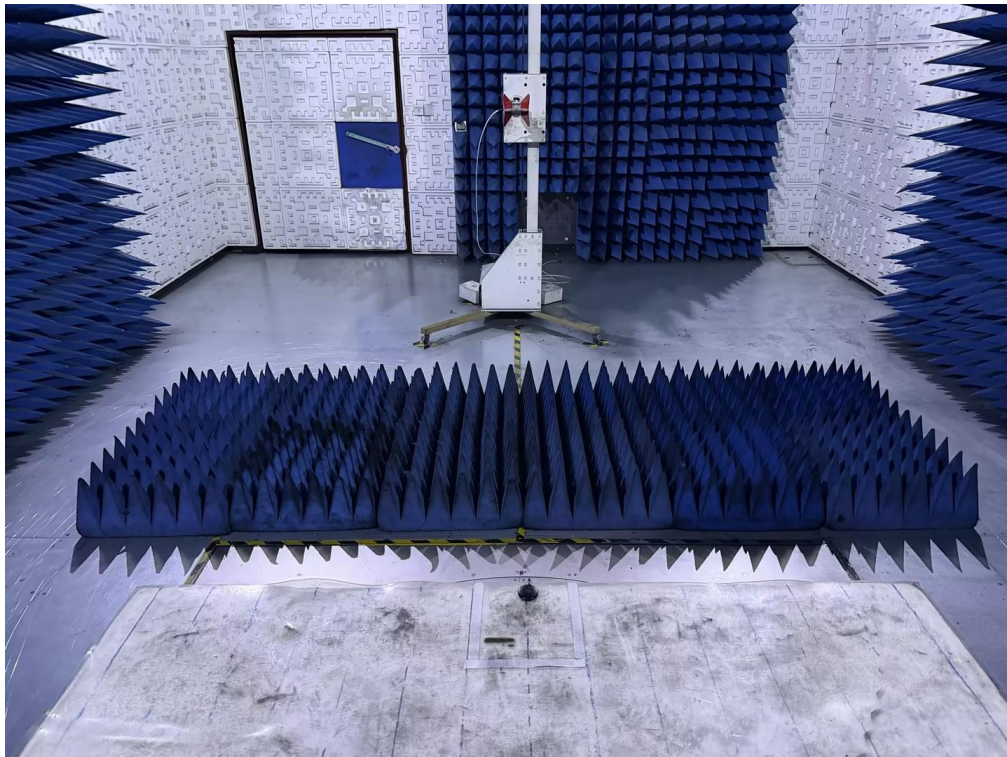
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Appendix I: Photographs of Test Setup



Radiated emissions at frequencies up to 1 GHz



Radiated emissions at frequencies above 1 GHz

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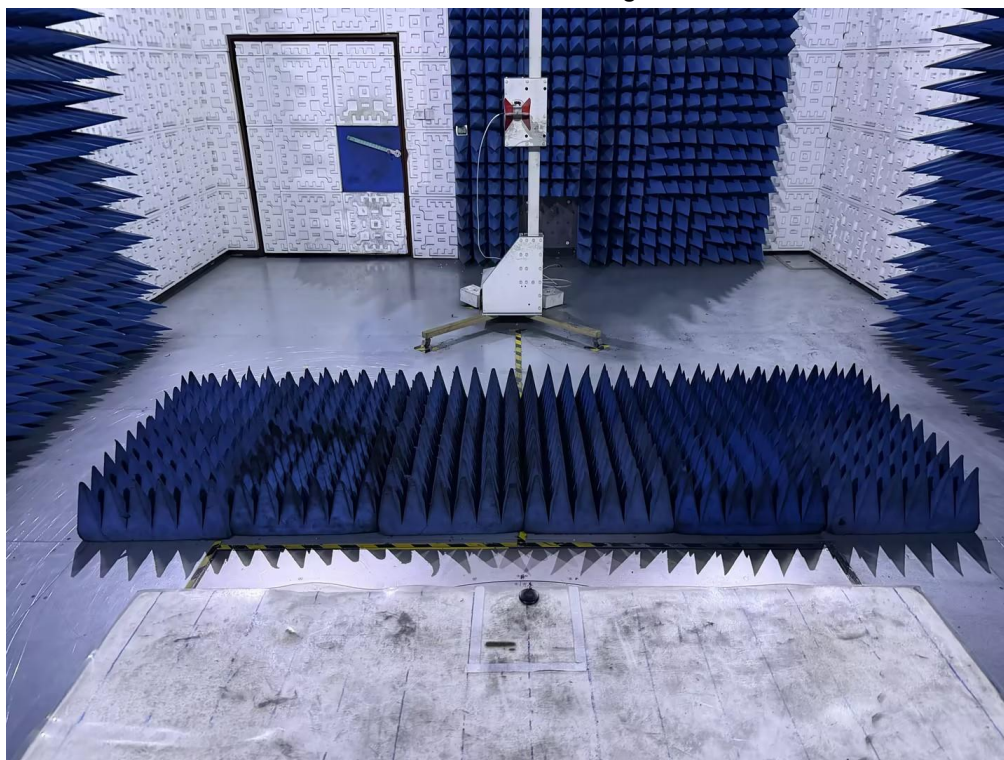
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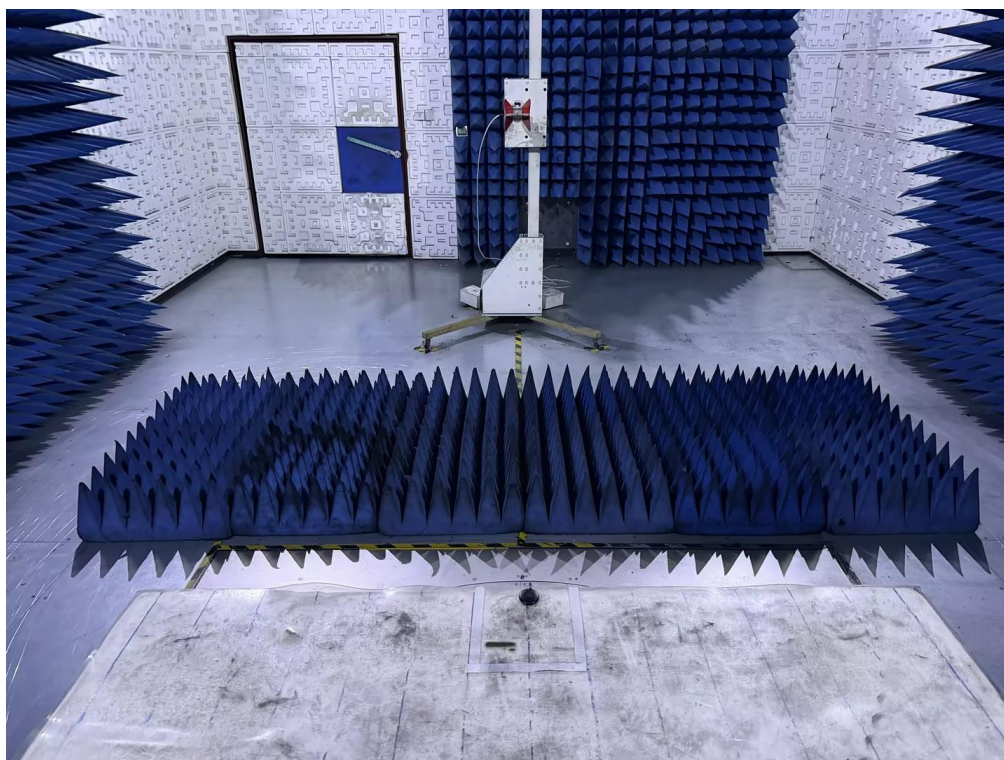


Electrostatic discharge



Radio-frequency electromagnetic field up to 1 GHz

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Radio-frequency electromagnetic field above 1 GHz

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Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC05443260416AP01

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----

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