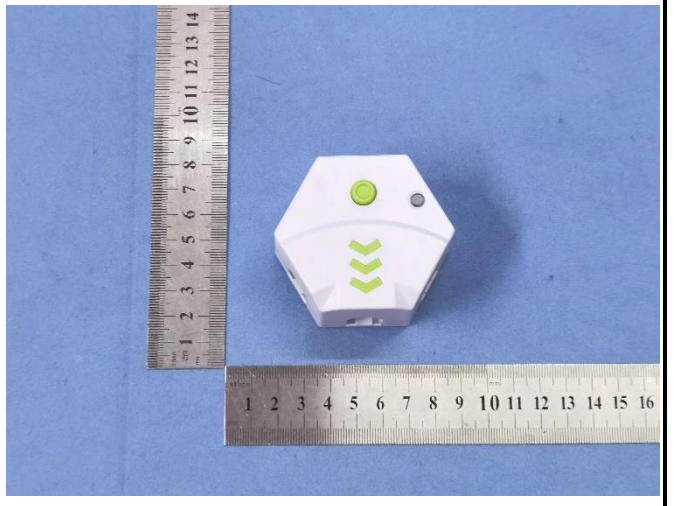


Prüfbericht-Nr.: Test Report No.:	CN249N5E 001	Auftrags-Nr.: Order No.:	158283750	Seite 1 von 19 Page 1 of 19	
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	25.06.2024		
Auftraggeber: Client:	Ravensburger Verlag GmbH Robert-Bosch-Str. 1, 88214 RAVENSBURG, GERMANY				
Prüfgegenstand: Test item:	Short Range Device - 911.015 GT-PWR Cannon (2.4GHz)				
Bezeichnung / Typ-Nr.: Identification / Type No.:	911015				
Auftrags-Inhalt: Order content:	FCC and ISCED Certification				
Prüfgrundlage: Test specification:	FCC Part 15 Subpart C, ANSI C63.10-2013 RSS-210 Issue 10, RSS-Gen Issue 5				
Wareneingangsdatum: Date of receipt:	25.06.2024				
Prüfmuster-Nr.: Test sample No.:	A003751943-001				
Prüfzeitraum: Testing period:	25.06.2024 - 10.07.2024				
Ort der Prüfung: Place of testing:	Hong Kong				
Prüflaboratorium: Testing laboratory:	TÜV Rheinland Hong Kong Ltd.				
Prüfergebnis*: Test result*:	Pass				
geprüft von / tested by:		kontrolliert von / reviewed by:			
					
05.08.2024	Wooga Wu / Assistant Test Engineer	05.08.2024	Billy Yip / Laboratory Manager		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
Sonstiges / Other: FCC ID: 2A2XI015 IC ID: 27849-015 "Decision Rule" document announced in our website (https://www.tuv.com/landingpage/en/qm-gcn/) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report. Doc number: 38233-01-003 & 38233-01-004 SAP number: 1060969					
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested					
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.					

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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Product information

PMN: Cannon	HVIN: 015
FVIN: N/A	HMN: N/A

Manufacturers declarations

	Transmitter
Operating frequency range	2402-2404, 2469 - 2471 MHz
Type of modulation	GFSK
No. of Channel	6
Frequency Channel	2402, 2403, 2404, 2069, 2470, 2471 MHz
Type of antenna	PCB Antenna
Power level	fix
Connection to public utility power line	No
Nominal voltage	3.0 VDC
Rated transmitter power	Maximum 10 mW
Occupied bandwidth	Not available
Channel bandwidth	1MHz
Emission designator	F1D
Frequency stability	Not available

Product function and intended use

The equipment under test (EUT) is a RF transmitter toy with colour detecting function operating at 2.4GHz. It is powered by battery only.

FCC ID: 2A2XI015 / IC ID: 27849-015

Models	Product description
911015	Short Range Device - 911.015 GT-PWR Cannon (2.4GHz)

Submitted documents

Nil

Independent Operation Modes

The basic operation modes are:

- Transmitting mode.

For further information refer to User Manual

Related Submittal(s) Grants

This is a single application for certification of the transmitter.

Remark

The test results in this test report are only relevant to the tested sample and does not involve any assessment in the production.

Test Set-up and Operation Mode

Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Test Operation and Test Software

Test operation should refer to test methodology.

- Test mode samples with maximum RF output power and duty cycle and capable to transmit continuously at the lowest, middle and highest frequency channels is provided by the applicant for the testing.

Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

- None

Countermeasures to achieve EMC Compliance

- None

Test Methodology

Radiated Emission

The radiated emission measurements of the transmitter part were performed according to the procedures in ANSI C63.10-2013.

For measurement below 1GHz - the equipment under test (EUT) was placed at the middle of the 80 cm height turntable. For measurement above 1GHz - the EUT was placed at the middle of the 1.5 m height turntable and RF absorbing material was placed on ground plane between turntable and measuring antenna. During the testing, the EUT was operated standalone and arranged for maximum emissions. The EUT was tested in three orthogonal planes.

The investigation is performed with the EUT rotated 360 °, the antenna height scanned between 1m and 4m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations. Repeat the measurement steps until the maximum emissions were obtained.

All radiated tests were performed at an antenna to EUT with 3 meters distance, unless stated otherwise in particular parts of this test report.

Field Strength Calculation

The field strength at 3 m was established by adding the meter reading of the spectrum analyzer to the factors associated with antenna correction factor, cable loss, preamplifiers and filter attenuation.

The equation is expressed as follow:

$$FS = R + AF + CF + FA - PA$$

Where FS = Field Strength in dBuV/m at 3 meters.
R = Reading of Spectrum Analyzer in dBuV.
AF = Antenna Factor in dB.
CF = Cable Attenuation Factor in dB.
FA = Filter Attenuation Factor in dB.
PA = Preamplifier Factor in dB.

FA and PA are only be used for the measuring frequency above 1 GHz.

Conducted Emission Calculation

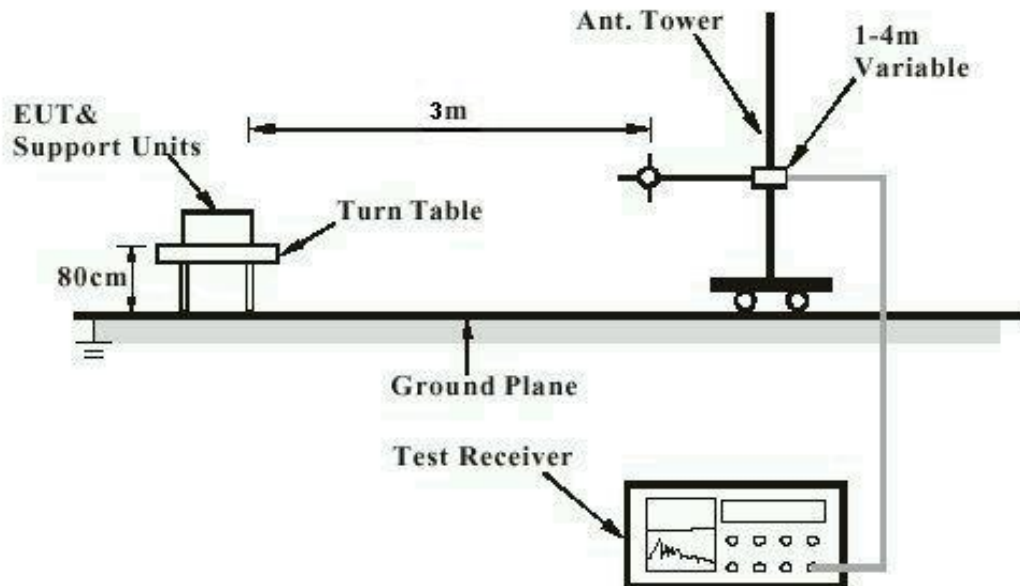
Receiver reading R_r (dBμV)
LISN insertion loss L_l (dB)
Cable loss C_l (dB)

Final result (dBμV) = $R_r + L_l + C_l$
Sample: R_r = 40.2 dBμV
 L_l = 10.2 dB
 C_l = 0.3 dB

Final result = $40.2 + 10.2 + 0.3 = 50.7$ dBμV

Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Note: Measurements above 1 GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Equipment Configuration for Mains Conduction Measurement (if applicable)

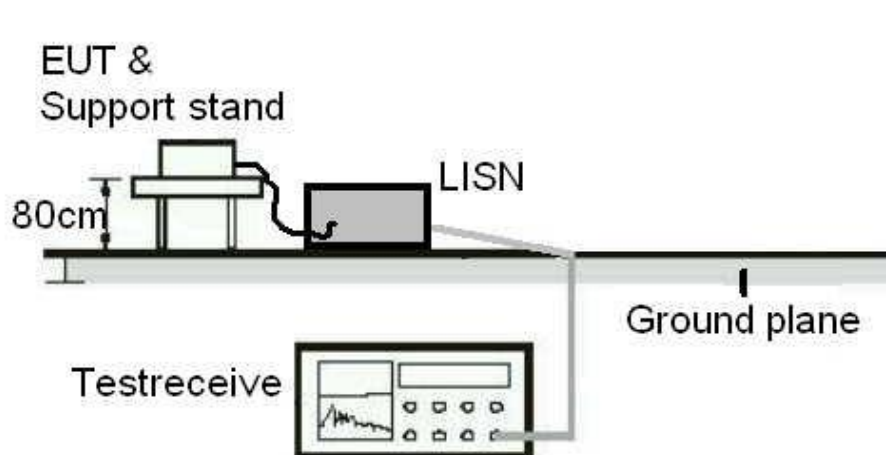
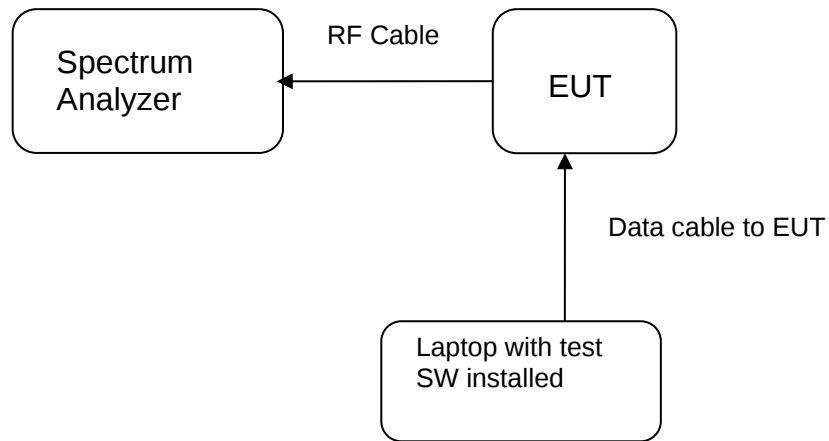


Diagram of Equipment Configuration for Antenna-port Conducted Measurement (if applicable)

Test Facility

Test Laboratory Information

TÜV Rheinland Hong Kong Ltd.

Address: 3-4/F, Fou Wah Industrial Building, 10-16 Pun Shan Street, Tsuen Wan, N.T., Hong Kong

Tel.: +852 2192 1000

Fax: +852 2192 1001

Email: service-gc@tuv.com

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

FCC

Designation Number : HK0013

ISED/IC

Company Number : 26152

Hong Kong Productivity Council

Address: LG1/F, HKPC Building 78 Tat Chee Avenue, Kowloon, Hong Kong

Tel.: +852 2788 6396

Fax: +852 2788 5405

Email: emc@hkpc.org

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

FCC

Designation Number : HK0012

ISED/IC

Company Number : 4780A

List of Test and Measurement Instruments

Hong Kong Productivity Council

Radiated Emission

Equipment	Manufacturer	Type	Cal. Date	Due Date
Multi-functional Anechoic Chamber (NSA)	Albatross	---	2024-01-06	2025-01-06
Multi-functional Anechoic Chamber (VSWR)	Albatross	---	2024-01-04	2025-01-04
Test Receiver	Rohde & Schwarz	ESU40	2024-03-09	2025-03-09
Double-Ridged Waveguide Horn	EMCO	3117	2023-11-21	2024-11-21
Bi-conical Antenna	Rohde & Schwarz	HK116	2022-10-24	2024-10-24
Log Periodic Antenna	Rohde & Schwarz	HL223	2022-10-25	2024-10-25
Cable	SF118/11N/11 N/12000MM	Huber+Suhner	2024-01-06	2025-01-06
Microwave amplifier	COM-POWER Corporation	PAM-118A	2024-03-03	2025-03-03
High Pass Filter	Trilithic	23042	2023-10-29	2025-10-29

TÜV Rheinland Hong Kong Ltd.

Radio Test

Equipment	Manufacturer	Type	Cal. Date	Due Date
Spectrum Analyzer	R & S	FSV40	2024-08-07	2025-08-06

Measurement Uncertainty

The estimated combined standard uncertainty for power-line conducted emissions measurements is $\pm 3.36\text{dB}$.

The estimated combined standard uncertainty for radiated emissions measurements is $\pm 2.70\text{dB}$ (9kHz to 30MHz) and $\pm 4.98\text{dB}$ (30MHz to 200MHz) and $\pm 5.74\text{dB}$ (200MHz to 1000MHz) and is $\pm 4.90\text{dB}$ (1GHz to 8.2GHz) and $\pm 4.90\text{dB}$ (8.2GHz to 12.4GHz) and $\pm 4.98\text{dB}$ (12.4GHz to 18GHz)

The estimated combined standard uncertainty for antenna conducted emission is $\pm 1.94\text{dB}$

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of $k=2$, which for the level of confidence is approximately 95%.

Results FCC Part 15 – Subpart C / RSS-210 Issue 10

FCC 15.203 – Antenna Requirement 1		Pass
FCC Requirement:	No antenna other than that furnished by the responsible party shall be used with the device	
Results:	a) Antenna type: PCB Antenna b) Manufacturer and model no: N/A c) Peak Gain: 0 dBi	
Verdict:	Pass	
FCC 15.204 – Antenna Requirement 2		Pass
FCC Requirement:	An intentional radiator may be operated only with the antenna with which it is authorized. If an antenna is marketed with the intentional radiator, it shall be of a type which is authorized with the intentional radiator.	
Results:	Only one integral antenna can be used.	
Verdict:	Pass	
RSS-Gen 6.3 – External Control		Pass
IC Requirement:	The device shall not have any external controls accessible to the user that enable it to be adjusted, selected or programmed to operate in violation of the limits prescribed in the applicable RSS.	
Results:	The device does not have any transmitter external controls accessible to the user that can be adjusted and operated in violation of the limits of this standard.	
Verdict:	Pass	
RSS-Gen 8.3 – Antenna Requirement		Pass
IC Requirement:	When a measurement at the antenna connector is used to determine RF output power, the effective gain of the device's antenna shall be stated, based on measurement or on data from the antenna manufacturer.	
Results:	a) Antenna type: PCB Antenna b) Manufacturer: N/A c) Model no: N/A d) Gain with reference to an isotropic radiator: 0 dBi	
Verdict:	Pass	
FCC 15.207 / RSS-Gen 8.8 – Conducted Emission on AC Mains		N/A
There is no AC power input or output ports on the EUT.		

FCC 15.215 (c) – 20 dB Bandwidth				Pass
Test Specification : ANSI C63.10 – 2013 Test date : 03.07.2024 Mode of operation : Tx mode Port of testing : Antenna port Supply voltage : 3.0 VDC Temperature : 20°C Humidity : 55%				
Requirement: The intentional radiators must be designed to ensure that the 20dB bandwidth of the emission, is contained within the frequency band designated in the rule section under which the equipment is operated.				
Results: Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and packet types. For test protocols refer to Appendix 1.				
Frequency (MHz)	20 dB left (MHz)	Limit (MHz)	20 dB right (MHz)	Limit (MHz)
2402	2401.385	> 2400	2402.796	< 2483.5
2404	2403.732	> 2400	2404.767	< 2483.5
2471	2470.573	> 2400	2471.644	< 2483.5

RSS-Gen 6.7 – Occupied Bandwidth				N/A
FCC/ IC Requirement : N/A				
Test Specification : RSS-Gen Test date : 03.07.2024 Mode of operation : Tx mode Port of testing : Antenna port Supply voltage : 3.0 VDC Temperature : 20°C Humidity : 55%				
Results: Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and packet types. For test protocols refer to Appendix 1.				
Frequency (MHz)	Left (MHz)	Right (MHz)	99% bandwidth (MHz)	
2402	2401.340	2402.868	1.469	
2404	2403.414	2404.818	1.404	
2471	2470.580	2471.615	1.035	

FCC 15.249(a) / RSS-210 B.10(a) – Field Strength of Fundamental and Harmonics		Pass
Test Specification : ANSI C63.10 – 2013 Test date : 02.07.2024 Mode of operation : Tx mode Port of testing : Enclosure Frequency range : 9kHz – 25GHz Supply voltage : 3.0 VDC Temperature : 21°C Humidity : 59%		
Requirement: The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following limit.		
Results: PASS		
Fundamental Frequency 2402MHz Vertical Polarization		
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m
2402.000	77.6	114.0 / PK
2402.000	52.2	94.0 / AV
Fundamental Frequency 2402MHz Horizontal Polarization		
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m
2402.000	80.3	114.0 / PK
2402.000	54.8	94.0 / AV
Harmonics 2402MHz Vertical Polarization		
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m
4804.000	52.5	74.0 / PK
4804.000	32.0	54.0 / AV
7206.000	49.0	74.0 / PK
7206.000	31.0	54.0 / AV
Harmonics 2402MHz Horizontal Polarization		
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m
4804.000	48.9	74.0 / PK
4804.000	30.1	54.0 / AV
7206.000	48.2	74.0 / PK
7206.000	30.7	54.0 / AV

Fundamental Frequency 2404MHz		Vertical Polarization	
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m	
2404.000	77.3	114.0 / PK	
2404.000	52.0	94.0 / AV	
Fundamental Frequency 2404MHz		Horizontal Polarization	
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m	
2404.000	78.4	114.0 / PK	
2404.000	53.0	94.0 / AV	
Harmonics 2404MHz		Vertical Polarization	
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m	
4808.000	52.1	74.0 / PK	
4808.000	31.8	54.0 / AV	
7212.000	49.5	74.0 / PK	
7212.000	31.1	54.0 / AV	
Harmonics 2404MHz		Horizontal Polarization	
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m	
4808.000	48.7	74.0 / PK	
4808.000	30.0	54.0 / AV	
7212.000	48.3	74.0 / PK	
7212.000	30.7	54.0 / AV	

Fundamental Frequency 2471MHz			Vertical Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
2471.000		78.4		114.0 / PK	
2471.000		43.0		94.0 / AV	
Fundamental Frequency 2471MHz			Horizontal Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
2471.000		81.4		114.0 / PK	
2471.000		56.0		94.0 / AV	
Harmonics 2471MHz			Vertical Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
4942.000		56.0		74.0 / PK	
4942.000		34.0		54.0 / AV	
7413.000		49.8		74.0 / PK	
7413.000		31.3		54.0 / AV	
Harmonics 2471MHz			Horizontal Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
4942.000		52.6		74.0 / PK	
4942.000		31.6		54.0 / AV	
7413.000		50.0		74.0 / PK	
7413.000		31.2		54.0 / AV	

FCC 15.249(d), 15.205/ RSS-210 B.10(b) – Out Of Band Radiated Emission		Pass
Test Specification : ANSI C63.10 – 2013 Test date : 02.07.2024 Mode of operation : Tx mode Port of testing : Enclosure Frequency range : 9kHz – 25GHz Supply voltage : 3.0 VDC Temperature : 21°C Humidity : 59%		
Requirement: Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.		
Results: All three transmit frequency modes comply with the field strength limit of section 15.209. There is no spurious found below 30MHz.		
Tx frequency 2402MHz Vertical Polarization		
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m
2400.000	56.1	74.0 / PK
2400.000	21.4	54.0 / AV
2390.000	47.5	74.0 / PK
2390.000	20.8	54.0 / AV
Tx frequency 2402MHz Horizontal Polarization		
Frequency MHz	Level dBuV/m	Limit / Detector dBuV/m
2400.000	59.4	74.0 / PK
2400.000	21.6	54.0 / AV
2390.000	47.3	74.0 / PK
2390.000	20.8	54.0 / AV

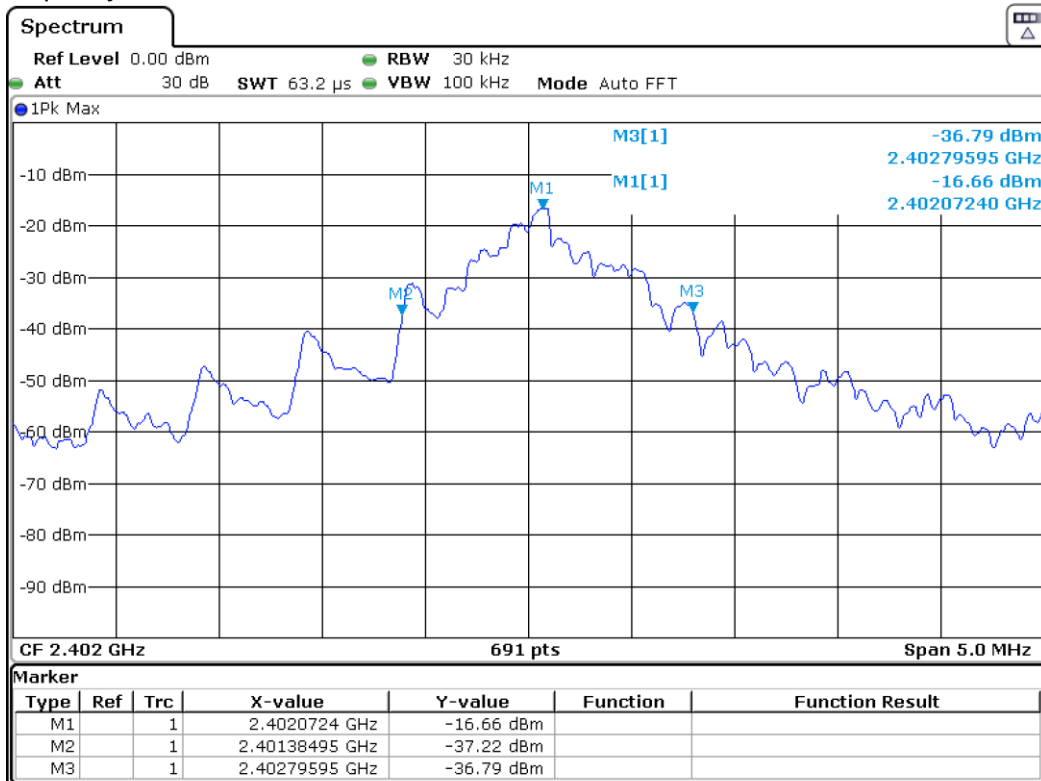
Tx frequency 2404MHz			Vertical Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
No peak found		---		74.0 / PK	
No peak found		---		54.0 / AV	
Tx frequency 2404MHz			Horizontal Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
No peak found		---		74.0 / PK	
No peak found		---		54.0 / AV	
Tx frequency 2471MHz			Vertical Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
2483.500		46.8		74.0 / PK	
2483.500		21.5		54.0 / AV	
Tx frequency 2471MHz			Horizontal Polarization		
Frequency MHz		Level dBuV/m		Limit / Detector dBuV/m	
2483.500		46.1		74.0 / PK	
2483.500		21.0		54.0 / AV	

Appendix 1

Test Results

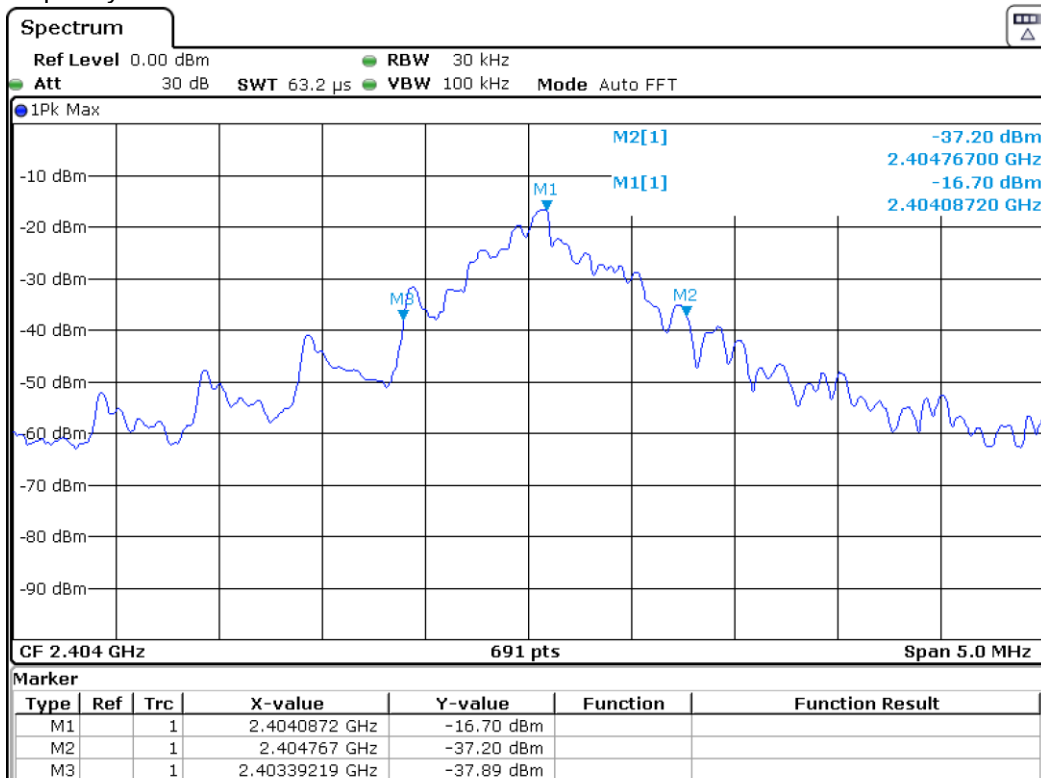
20dB Bandwidth

Tx frequency: 2402MHz



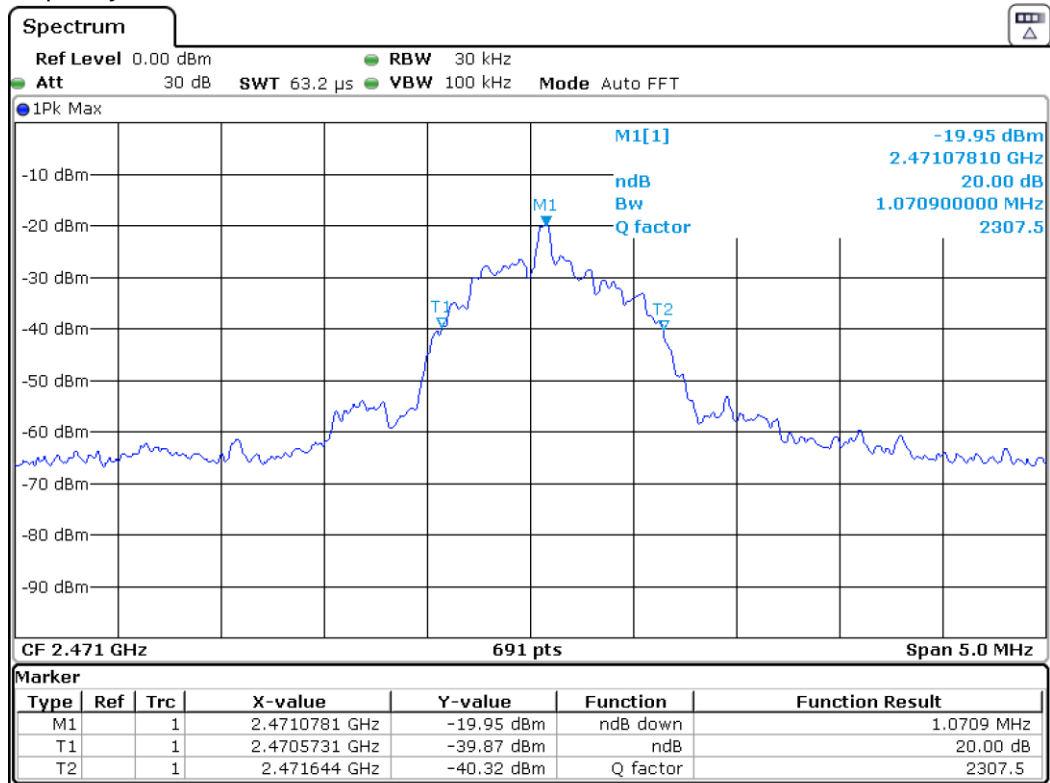
Date: 3.JUL.2024 09:53:41

Tx frequency: 2404MHz



Date: 3.JUL.2024 09:44:51

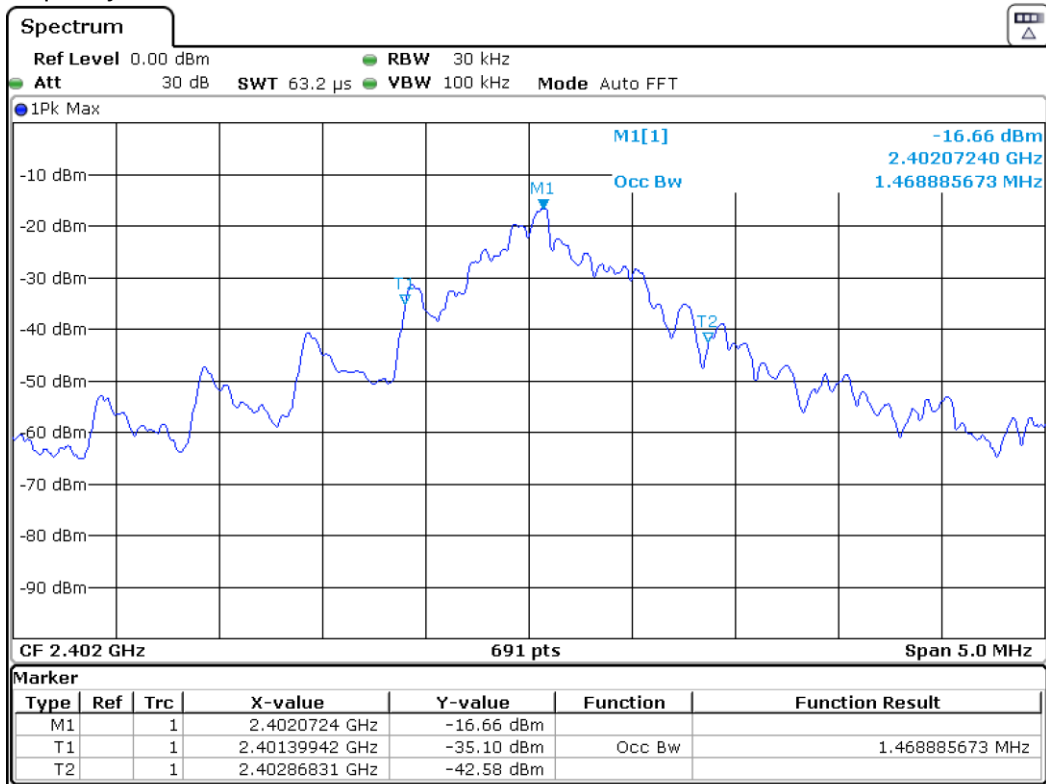
Tx frequency: 2471MHz



Date: 3.JUL 2024 09:51:30

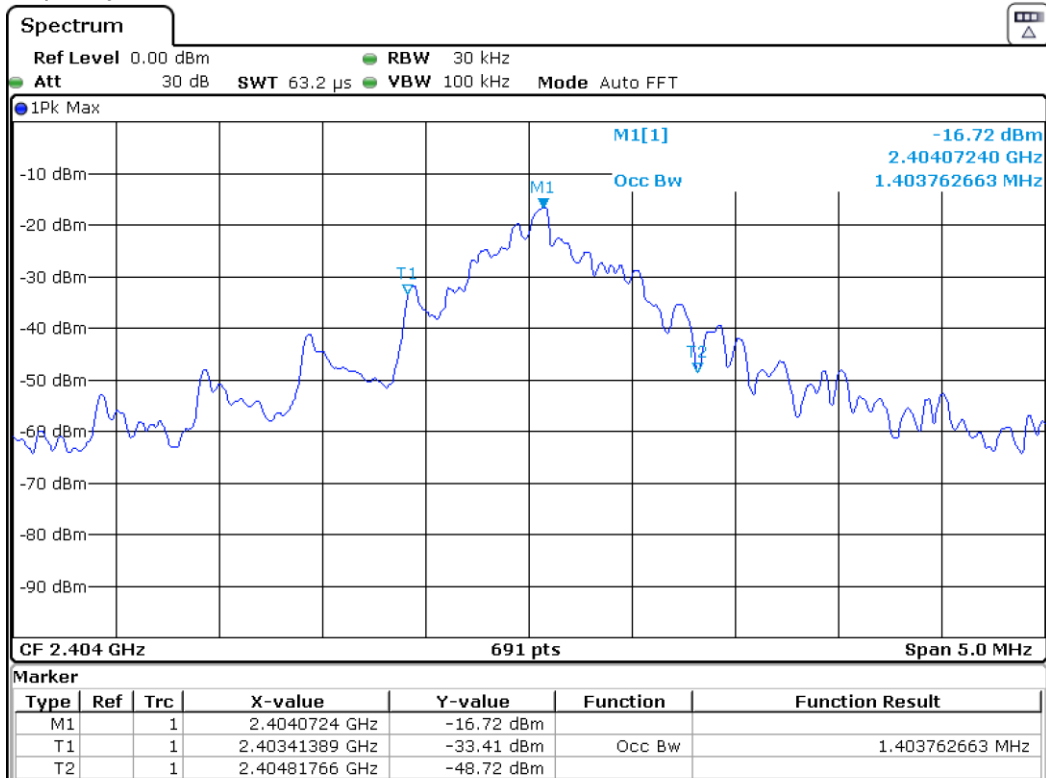
99% Bandwidth

Tx frequency: 2402MHz



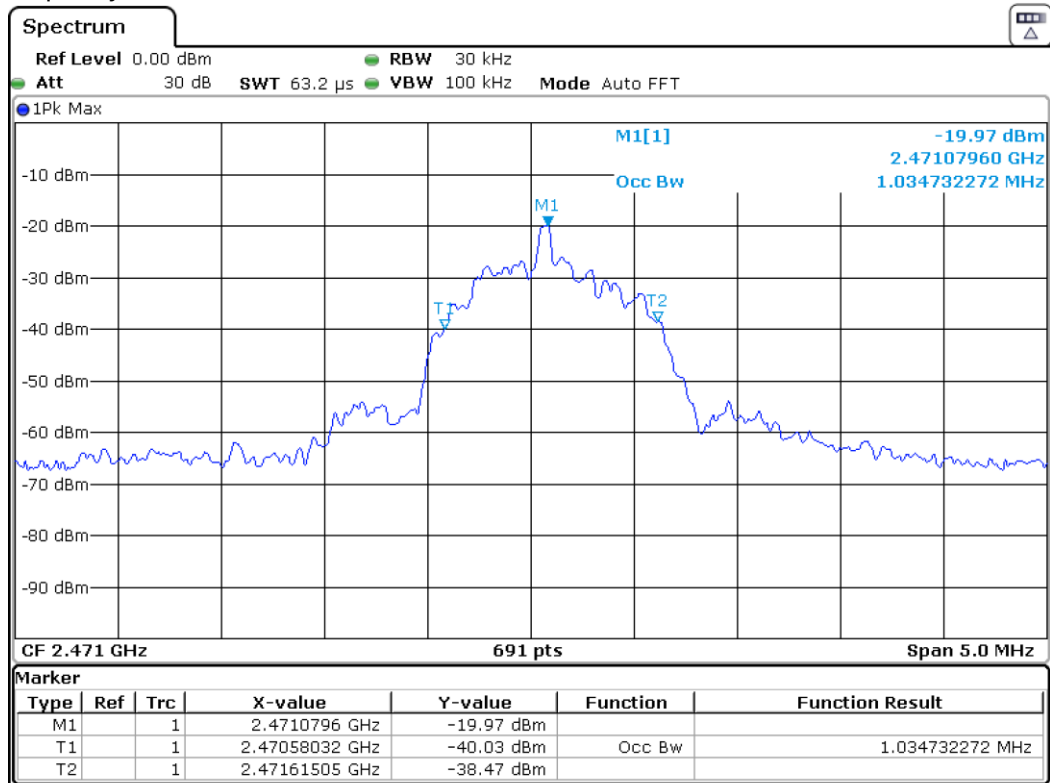
Date: 3.JUL.2024 09:54:07

Tx frequency: 2404MHz



Date: 3.JUL.2024 09:45:44

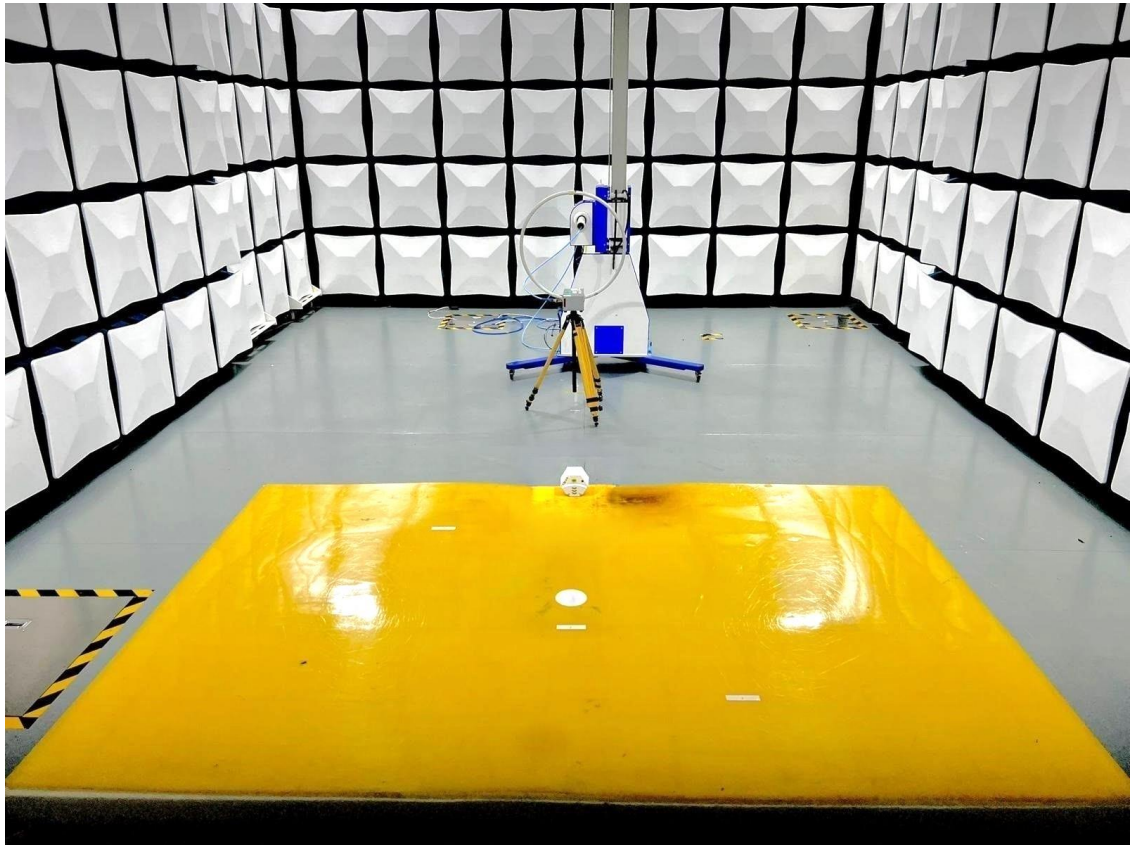
Tx frequency: 2471MHz



Date: 3.JUL 2024 09:51:55

Appendix 2

Test Setup Photos



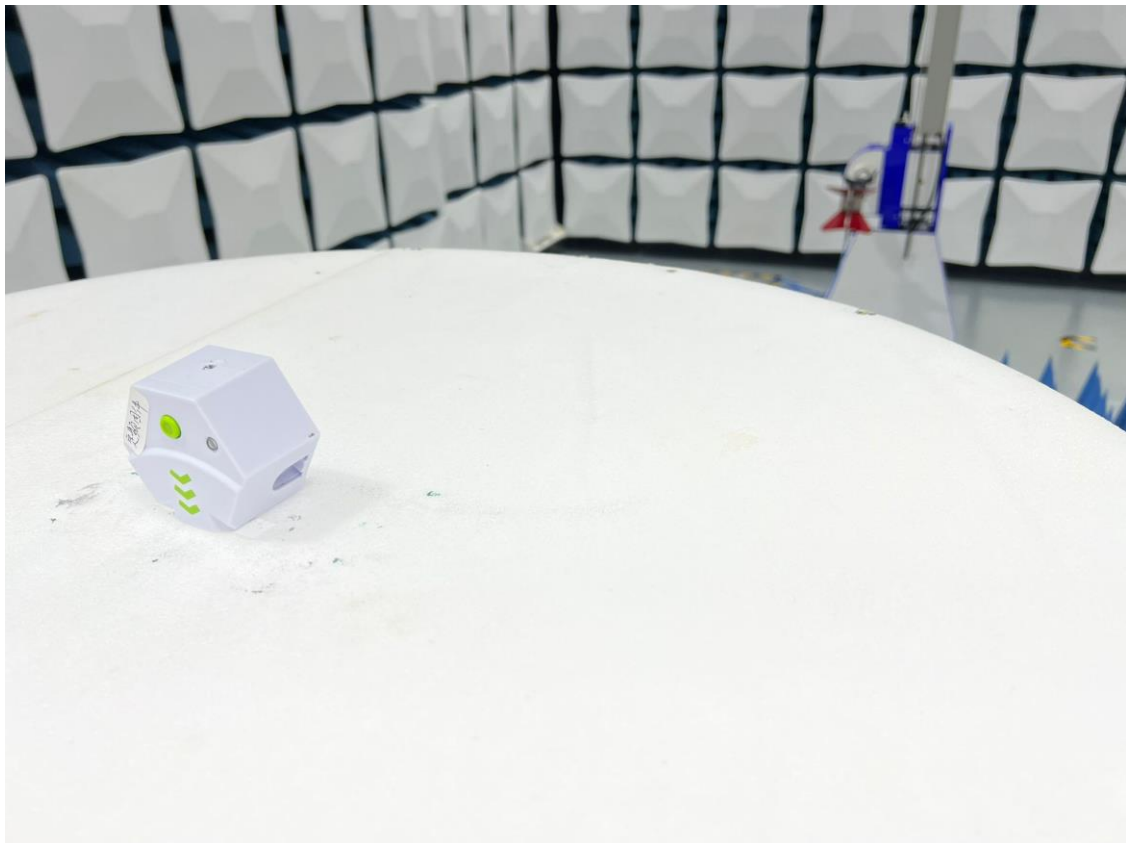
Set-up for Radiated Emission (9k-30MHz)



Set-up for Radiated Emission (30-200MHz)



Set-up for Radiated Emission (200-1000MHz)

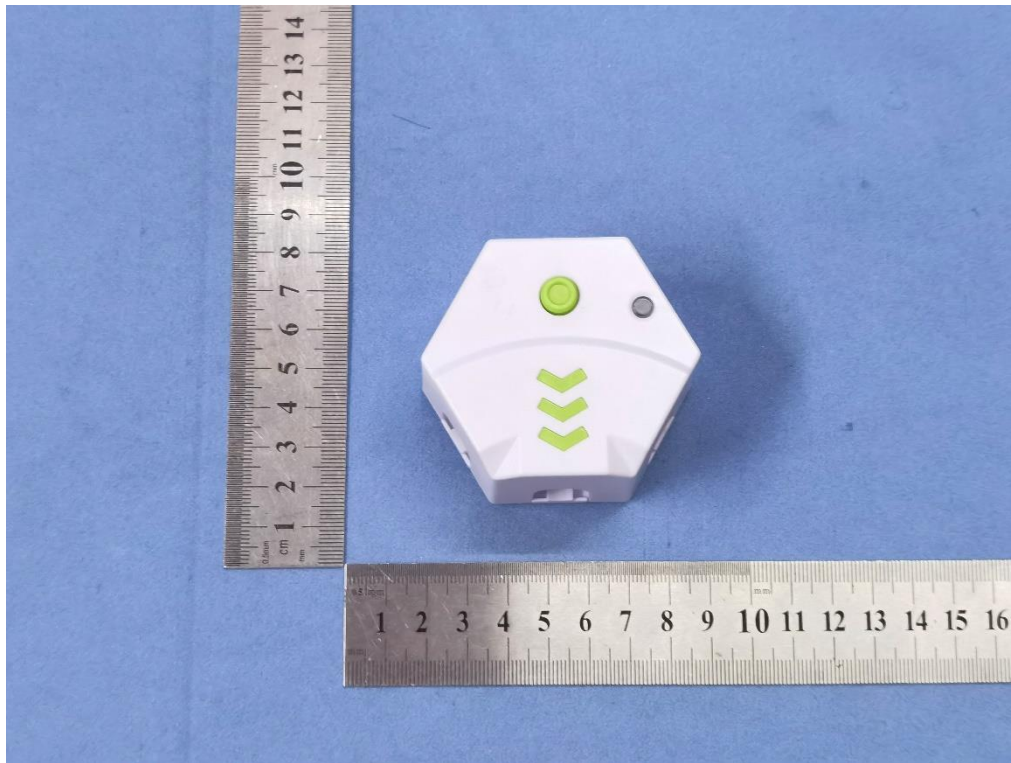


Set-up for Radiated Emission (1GHz above)

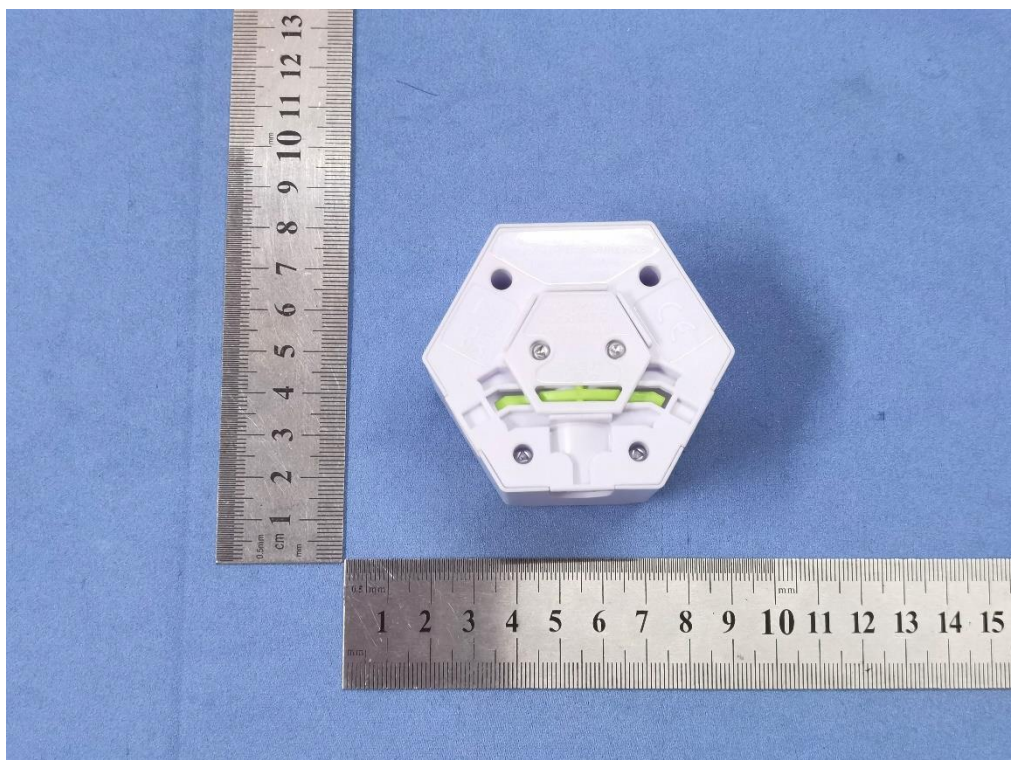
Appendix 3

EUT External Photos

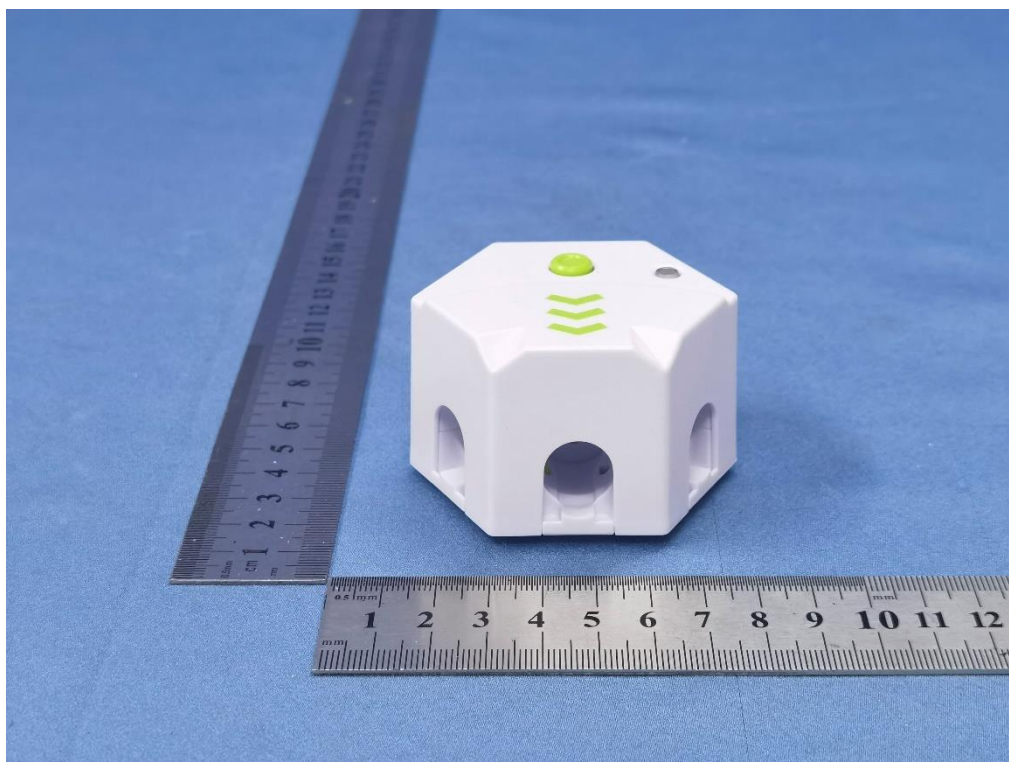
FCC ID: 2A2XI015
IC ID: 27849-015



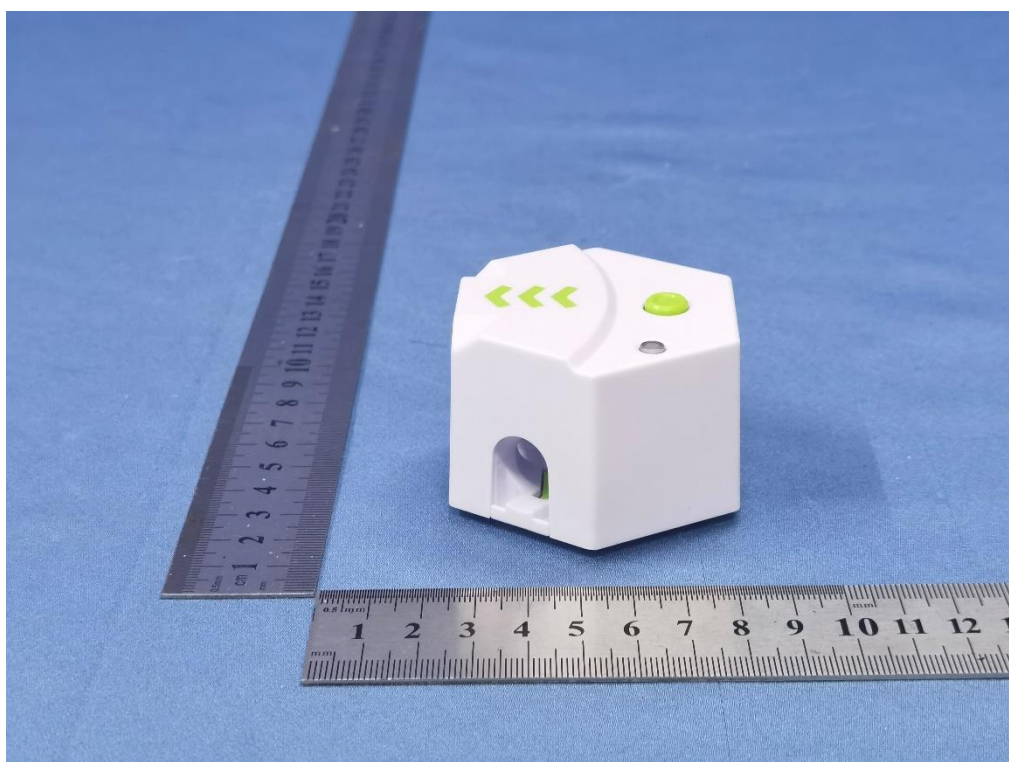
External View



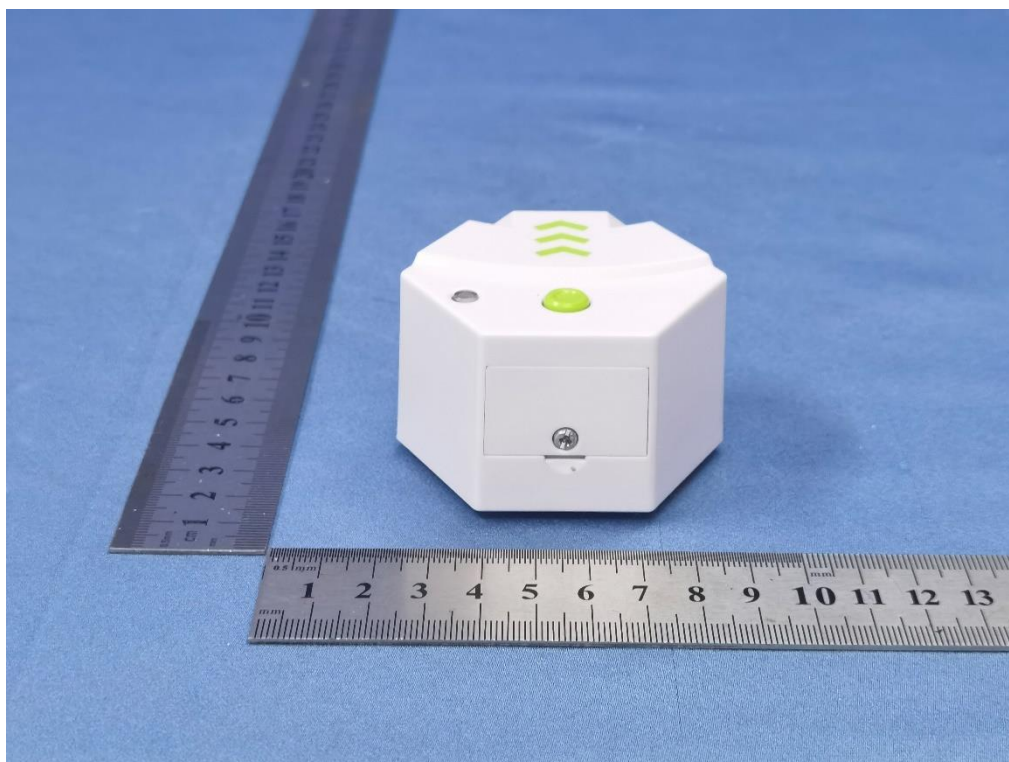
External View



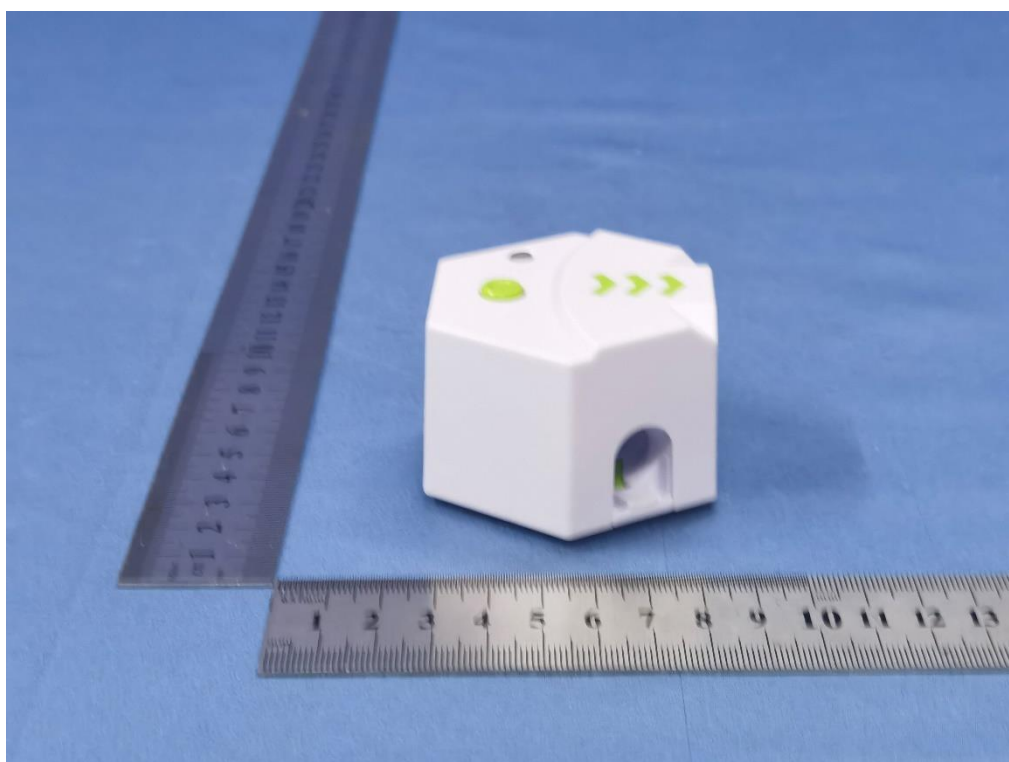
External View



External View



External View



External View

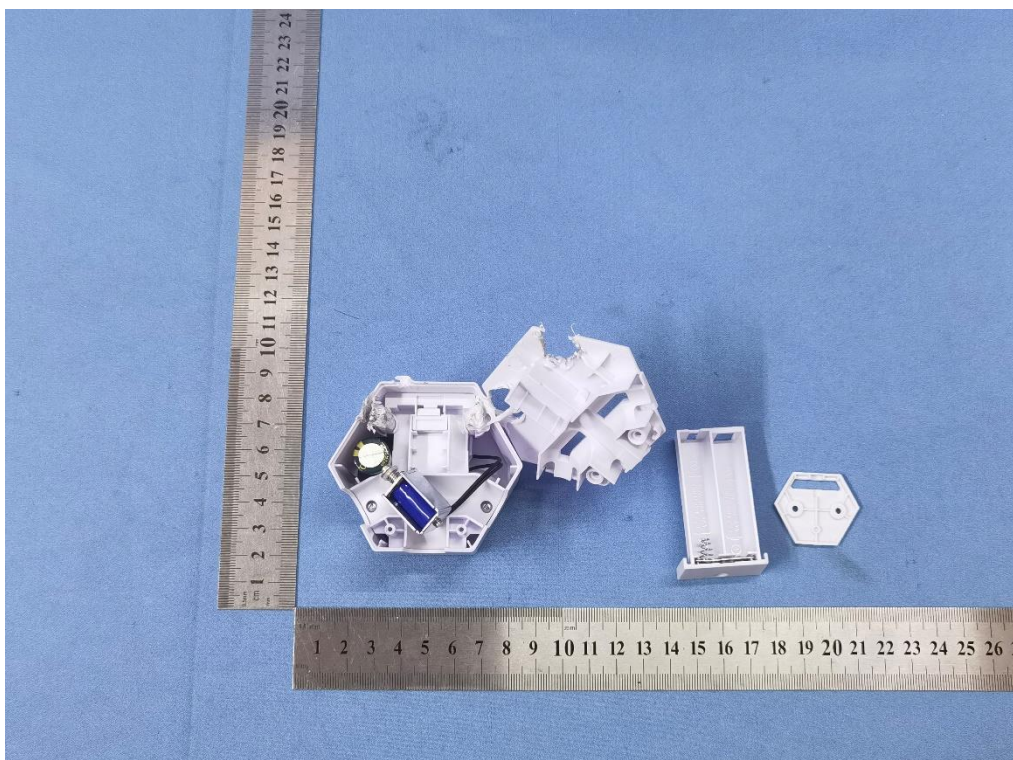
Appendix 4

EUT Internal Photos

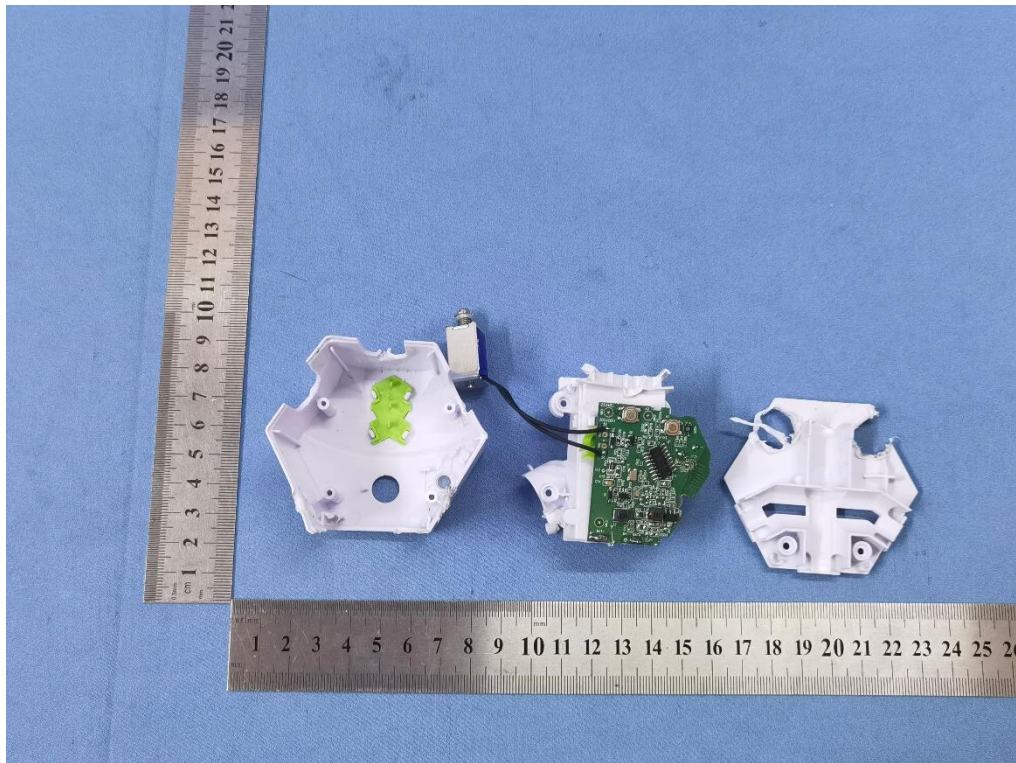
FCC ID: 2A2XI015
IC ID: 27849-015



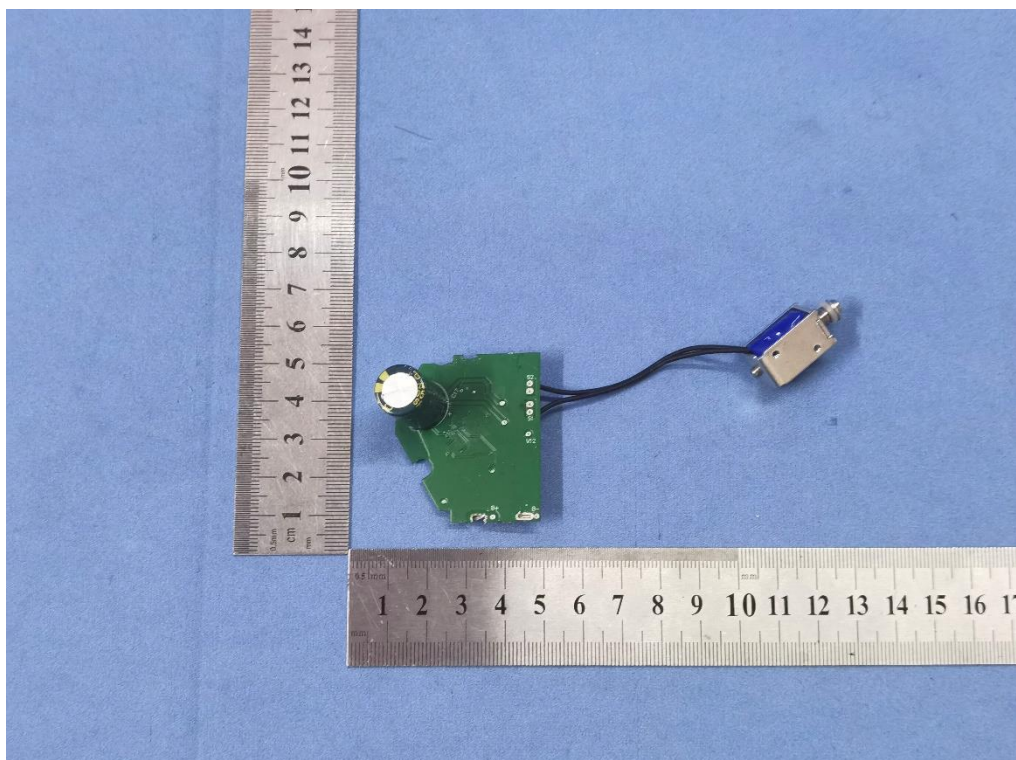
Internal View



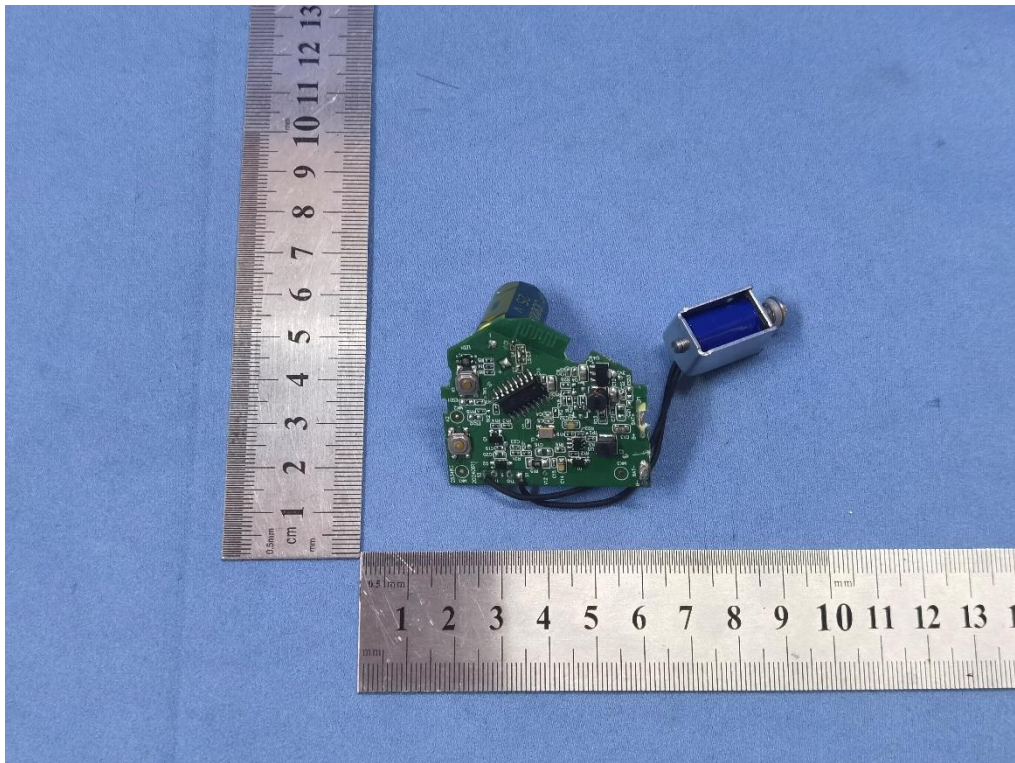
Internal View



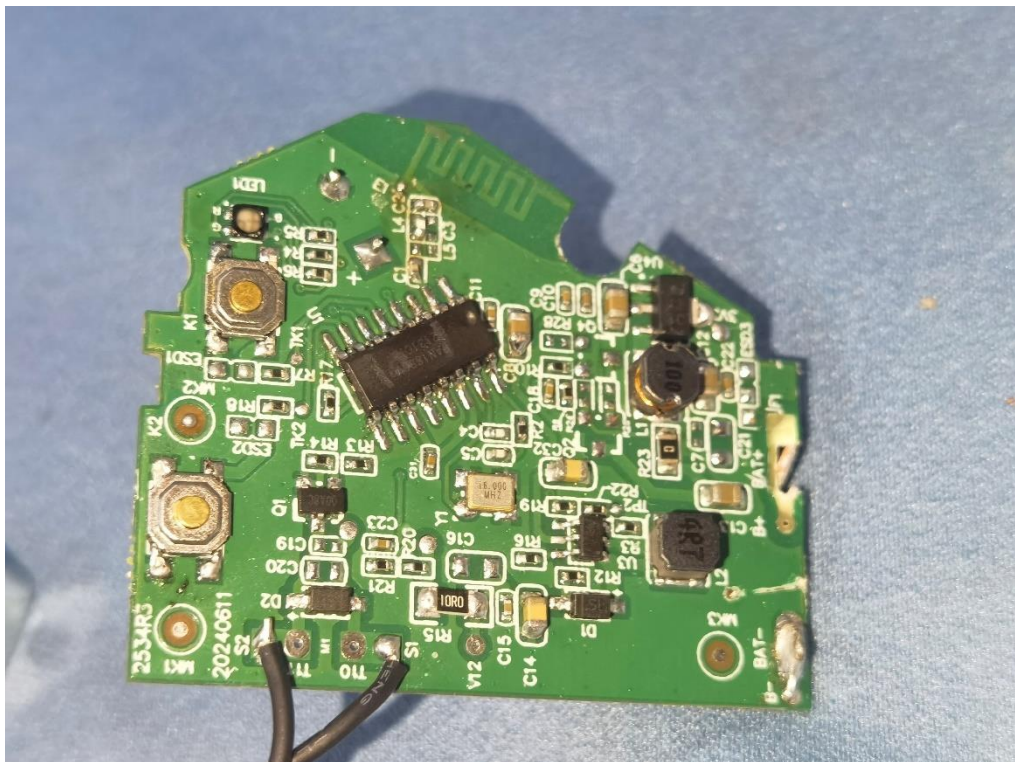
Internal View



Internal View



Internal View



Appendix 5

RF Exposure Information

FCC ID: 2A2XI015
IC ID: 27849-015

Maximum transmitter power:

Frequency (MHz)	Maximum peak field strength (dB μ V/m)	Maximum transmitter power (mW)
2402	80.3	0.032
2404	78.4	0.021
2471	81.4	0.041

Note: The maximum peak field strength was taken from table of "Subclause 15.249(a)/RSS-210 B.10(a) – Field Strength of Fundamental and Harmonics".

For FCC

According to KDB 447498 D01:

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 5 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$
 ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

Result:

$$(0.032/5) \cdot \sqrt{2.402} = 0.010 < 3.0$$

$$(0.021/5) \cdot \sqrt{2.404} = 0.016 < 3.0$$

$$(0.041/5) \cdot \sqrt{2.471} = 0.013 < 3.0$$

Conclusion:

No SAR is required.

For ISED

According to table 1 in RSS-102 Issue 6, below exemption limit is applied

Frequency: 2471 MHz

At separation distance of ≤ 5 mm

Exemption limits: 3mW

Results:

max. power of channel = 0.041mW < 3mW

Conclusion:

The maximum peak output power of the transmitter is less than the SAR evaluation exemption threshold and hence it complies with the RSS-102 RF exposure requirement