



RF MEASUREMENT REPORT

FCC ID: 2ALS8-KS0020
Applicant: Ninebot (Changzhou) Tech Co., Ltd.
Product: Ninebot eKickScooter E2 Plus II
Model No.: 051402UU
Brand Name: ninebot
FCC Classification: Digital Transmission System (DTS)
FCC Rule Part(s): Part 15 Subpart C (Section 15.247)
Result: Complies
Received Date: 2024-10-25
Test Date: 2024-11-08 ~ 2024-12-05

Reviewed By:

Vincent Yu

Approved By:

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2410RSU066-U2	V01	Initial Report	2024-12-13	Invalid
2410RSU066-U2	V02	Update test setup figure	2024-12-30	Valid

CONTENTS

Description	Page
1. General Information	5
1.1. Applicant	5
1.2. Manufacturer	5
1.3. Testing Facility	5
1.4. Product Information.....	6
1.5. Radio Specification under Test	6
1.6. Working Frequencies	7
2. Test Configuration	8
2.1. Test Mode.....	8
2.2. Test System Connection Diagram.....	8
2.3. Test Software	8
2.4. Applied Standards.....	9
2.5. Test Environment Condition	9
3. Antenna Requirements	10
4. Measuring Instrument	11
5. Decision Rules and Measurement Uncertainty	12
5.1. Decision Rules	12
5.2. Measurement Uncertainty	12
6. Test Result.....	13
6.1. Summary	13
6.2. 6dB Bandwidth Measurement.....	14
6.2.1. Test Limit	14
6.2.2. Test Procedure	14
6.2.3. Test Setting	14
6.2.4. Test Setup	14
6.2.5. Test Result	14
6.3. Output Power Measurement	15
6.3.1. Test Limit	15
6.3.2. Test Procedure	15
6.3.3. Test Setting	15
6.3.4. Test Setup	15
6.3.5. Test Result	15
6.4. Power Spectral Density Measurement	16
6.4.1. Test Limit	16
6.4.2. Test Procedure	16

6.4.3.	Test Setting	16
6.4.4.	Test Setup	16
6.4.5.	Test Result	16
6.5.	Conducted Band Edge and Out-of-Band Emissions Measurement	17
6.5.1.	Test Limit	17
6.5.2.	Test Procedure	17
6.5.3.	Test Settintg	17
6.5.4.	Test Setup	18
6.5.5.	Test Result	18
6.6.	Radiated Spurious Emission Measurement.....	19
6.6.1.	Test Limit	19
6.6.2.	Test Procedure	19
6.6.3.	Test Setting	19
6.6.4.	Test Setup	21
6.6.5.	Test Result	22
6.7.	Radiated Restricted Band Edge Measurement	23
6.7.1.	Test Limit	23
6.7.2.	Test Procedure	24
6.7.3.	Test Setting	24
6.7.4.	Test Setup	25
6.7.5.	Test Result	26
6.8.	AC Conducted Emissions Measurement	27
6.8.1.	Test Limit	27
6.8.2.	Test Setup	27
6.8.3.	Test Result	27
Appendix A - Test Result.....		28
A.1	Duty Cycle Test Result	28
A.2	6dB Bandwidth Test Result	29
A.3	Output Power Test Result	30
A.4	Power Spectral Density Test Result	31
A.5	Conducted Band Edge and Out-of-Band Emissions Test Result.....	32
A.6	Radiated Spurious Emission Test Result.....	34
A.7	Radiated Restricted Band Edge Test Result.....	43
A.8	AC Conducted Emissions Test Result	51
Appendix B - Test Setup Photograph		55
Appendix C - EUT Photograph		56

1. General Information

1.1. Applicant

Ninebot (Changzhou) Tech Co., Ltd.

16F-17F, Block A, Building 3, Changwu Mid Road 18#, Wujin Dist., Changzhou, Jiangsu, China

1.2. Manufacturer

Ninebot (Changzhou) Tech Co., Ltd.

16F-17F, Block A, Building 3, Changwu Mid Road 18#, Wujin Dist., Changzhou, Jiangsu, China

1.3. Testing Facility

☒	Test Site – MRT Suzhou Laboratory Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China Laboratory Location (Suzhou - SIP) 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China Laboratory Location (Suzhou - Wujiang) Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China Laboratory Accreditations A2LA: 3628.01 CNAS: L10551 FCC: CN1166 ISED: CN0001 VCCI: ☐ R-20025 ☐ G-20034 ☐ C-20020 ☐ T-20020 ☐ R-20141 ☐ G-20134 ☐ C-20103 ☐ T-20104
☐	Test Site – MRT Shenzhen Laboratory Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China Laboratory Accreditations A2LA: 3628.02 CNAS: L10551 FCC: CN1284 ISED: CN0105
☐	Test Site – MRT Taiwan Laboratory Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Laboratory Accreditations TAF: 3261 FCC: 291082, TW3261 ISED: TW3261

1.4. Product Information

Product Name	Ninebot eKickScooter E2 Plus II
Model No.	051402UU
Brand Name	ninebot
EUT Identification No.	20241025Sample#06 (For conducted test) 20241025Sample#07 (For radiated test)
Bluetooth Specification	v5.1 (BLE only)
Antenna Specification	Refer to selection 1.5
Power Type	By Battery
Accessories	
Li-ion Battery Pack	Model No.: NEEF2210A Capacitance: 10.2Ah / 220Wh Charging Voltage: 25.2VDC
AC/DC Adapter	Model No.: NBW25D201D5N-US Input: 100-240V~ 50-60Hz, 1.0A Max Rated Output: 24.2V=1.5A 36.3W
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Bluetooth Frequency	2402 ~ 2480MHz
Channel Number	40
Type of modulation	GFSK
Data Rate	1Mbps
Antenna Type	PCB Antenna
Antenna Gain	-1.26dBi

1.6. Working Frequencies

Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2404 MHz	02	2406 MHz
03	2408 MHz	04	2410 MHz	05	2412 MHz
06	2414 MHz	07	2416 MHz	08	2418 MHz
09	2420 MHz	10	2422 MHz	11	2424 MHz
12	2426 MHz	13	2428 MHz	14	2430 MHz
15	2432 MHz	16	2434 MHz	17	2436 MHz
18	2438 MHz	19	2440 MHz	20	2442 MHz
21	2444 MHz	22	2446 MHz	23	2448 MHz
24	2450 MHz	25	2452 MHz	26	2454 MHz
27	2456 MHz	28	2458 MHz	29	2460 MHz
30	2462 MHz	31	2464 MHz	32	2466 MHz
33	2468 MHz	34	2470 MHz	35	2472 MHz
36	2474 MHz	37	2476 MHz	38	2478 MHz
39	2480 MHz	--	--	--	--

2. Test Configuration

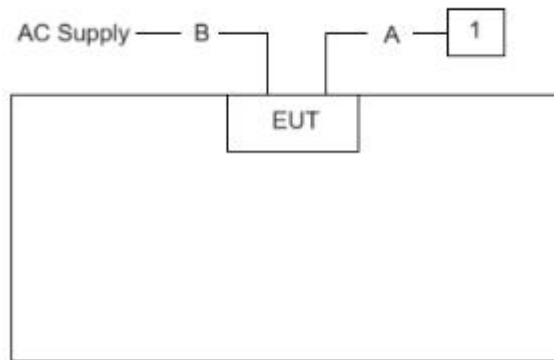
2.1. Test Mode

Mode 1: Transmit by BLE-1Mbps

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.

Connection Diagram – Radiated Emission testing & AC Conducted Emissions



Cable Type		Cable Description	Length
A	USB Cable	Shielded	5.0m
B	Power Cable	Non shielded	2.0m
Product		Manufacturer	Model No.
1	Notebook	HP	445R G6

2.3. Test Software

The test utility software used during testing was “GRDirect Test Mode Tool”, the version was “1.5.0”.

2.4. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15.247
- KDB 558074 D01v05r02
- ANSI C63.10-2013

2.5. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~75%RH

3. Antenna Requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- The antenna of the device is **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
USB Power Sensor	Keysight	U2021XA	MRTSUE06596	1 year	2025-07-23	SIP-TR1
Signal Analyzer	Keysight	N9010B	MRTSUE07036	1 year	2025-02-03	SIP-TR1
Thermohygrometer	testo	608-H1	MRTSUE11022	1 year	2025-10-16	SIP-TR1
Horn Antenna	ETS	3117	MRTSUE06257	1 year	2025-09-08	WJ-AC1
Microwave Broadband Preamplifier	Schwarzbeck	BBV 9718 D	MRTSUE07084	1 year	2024-12-04	WJ-AC1
				1 year	2025-12-03	WJ-AC1
TRILOG Broad Band Antenna	Schwarzbeck	VULB 9163	MRTSUE07096	1 year	2025-04-24	WJ-AC1
EMI Test Receiver	R&S	ESR3	MRTSUE07110	1 year	2025-04-24	WJ-AC1
Anechoic Chamber	TDK	WJ-AC1	MRTSUE07115	1 year	2025-05-17	WJ-AC1
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07147	1 year	2025-04-28	WJ-AC1
Active Loop Antenna	Schwarzbeck	FMZB 1519-60 D	MRTSUE07076	1 year	2024-12-04	WJ-AC1
				1 year	2025-11-19	WJ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11314	1 year	2025-06-24	WJ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11333	1 year	2025-06-24	WJ-AC1
Preamplifier	EMCI	EMC184045SE	MRTSUE07103	1 year	2025-04-14	WJ-AC2
Broadband Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE07100	1 year	2025-04-24	WJ-AC2
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07148	1 year	2025-05-11	WJ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11315	1 year	2025-06-24	WJ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11332	1 year	2025-06-24	WJ-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE07112	1 year	2025-04-21	WJ-SR5
Two-Line V-Network	R&S	ENV216	MRTSUE07201	1 year	2025-05-26	WJ-SR5
Thermohygrometer	testo	608-H1	MRTSUE11317	1 year	2025-06-24	WJ-SR5
Shielding Room	TDK	WJ-SR5	MRTSUE07127	N/A	N/A	WJ-SR5

Software	Version	Function
e3	230711	EMI Test Software
Agilent Power Analyzer/Agilent Power Panel	V R03.09.00	Power
CONTROLLER CO3000	v 1.03.02	RE Antenna & Turntable

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.
(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

AC Conducted Emission Measurement
The maximum measurement uncertainty is evaluated as: 9kHz~150kHz: 3.58dB 150kHz~30MHz: 3.20dB
Radiated Emission Measurement
The maximum measurement uncertainty is evaluated as: Coaxial: 9kHz~30MHz: 2.61dB Coplanar: 9kHz~30MHz: 2.62dB Horizontal: 30MHz~200MHz: 3.79dB 200MHz~1GHz: 3.91dB 1GHz~40GHz: 4.99dB Vertical: 30MHz~200MHz: 4.06dB 200MHz~1GHz: 5.21dB 1GHz~40GHz: 4.90dB
Spurious Emissions, Conducted
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.2dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 1.4dB
Power Spectrum Density
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.2dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.7%

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.247(a)(2)	6dB Bandwidth	Conducted	Pass
15.247(b)(3)	Output Power		Pass
15.247(e)	Power Spectral Density		Pass
15.247(d)	Band Edge / Out-of-Band Emissions		Pass
15.205 15.209	General Field Strength (Restricted Bands and Radiated Emission)	Radiated	Pass
15.207	AC Conducted Emissions 150kHz - 30MHz	Line Conducted	Pass

Note: The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.

6.2. 6dB Bandwidth Measurement

6.2.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

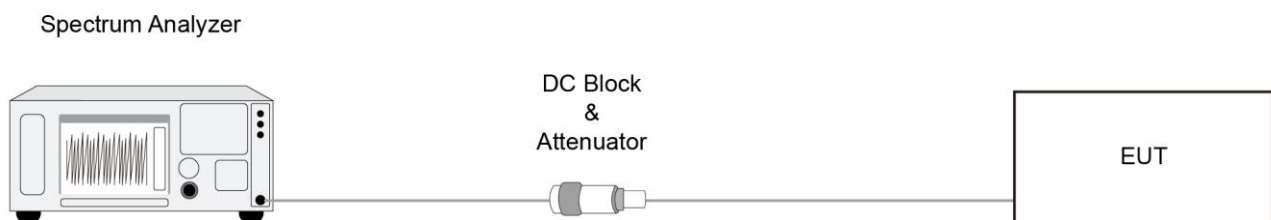
6.2.2. Test Procedure

ANSI C63.10 - 2013 - Section 11.8

6.2.3. Test Setting

1. The Spectrum's automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to $X = 6$. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. Set RBW = 100 kHz
3. $VBW \geq 3 \times RBW$
4. Detector = Peak
5. Trace mode = Max hold
6. Sweep = Auto couple
7. Allow the trace to stabilize

6.2.4. Test Setup



6.2.5. Test Result

Refer to Appendix A.2.

6.3. Output Power Measurement

6.3.1. Test Limit

The maximum output power shall be less 1 Watt (30dBm).

The conducted output power limit specified in paragraph FCC Part 15.247(b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs FCC Part 15.247(b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

6.3.2. Test Procedure

ANSI C63.10 - 2013 - Section 11.9.1.3

ANSI C63.10 - 2013 - Section 11.9.2.3.2

6.3.3. Test Setting

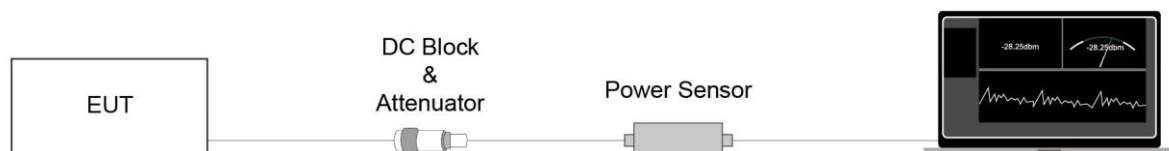
Method PKPM1 (Peak Power Measurement of Signals with DTS BW $\leq$ 50MHz)

Peak power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The pulse sensor employs a VBW = 50MHz so this method was only used for signals whose DTS bandwidth was less than or equal to 50MHz.

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

6.3.4. Test Setup



6.3.5. Test Result

Refer to Appendix A.3.

6.4. Power Spectral Density Measurement

6.4.1. Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band.

The same method of determining the conducted output power shall be used to determine the power spectral density.

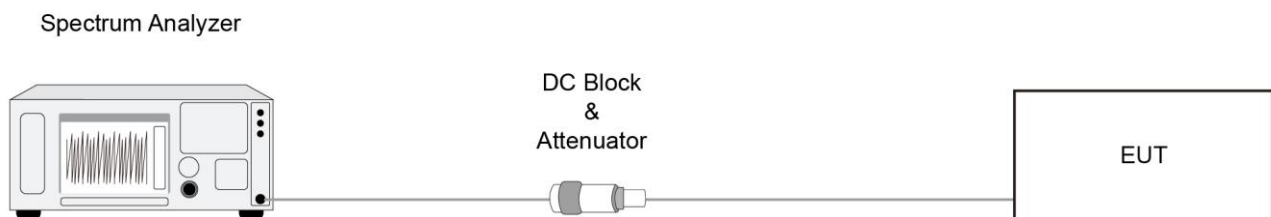
6.4.2. Test Procedure

ANSI C63.10-2013 Section 11.10.2

6.4.3. Test Setting

1. Analyzer was set to the center frequency of the DTS channel under investigation
2. Span = 1.5 times the DTS channel bandwidth
3. RBW = 3kHz
4. VBW = 10kHz
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Trace was allowed to stabilize

6.4.4. Test Setup



6.4.5. Test Result

Refer to Appendix A.4.

6.5. Conducted Band Edge and Out-of-Band Emissions Measurement

6.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

6.5.2. Test Procedure

ANSI C63.10-2013 - Section 11.11

6.5.3. Test Settling

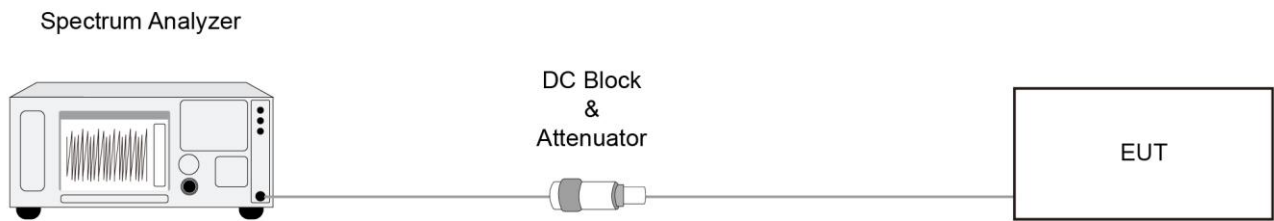
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency
2. Set the span to ≥ 1.5 times the DTS bandwidth
3. Set the RBW = 100 kHz
4. Set the VBW $\geq 3 \times$ RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow trace to fully stabilize

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

6.5.4. Test Setup



6.5.5. Test Result

Refer to Appendix A.5.

6.6. Radiated Spurious Emission Measurement

6.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.6.2. Test Procedure

ANSI C63.10 - 2013 - Section 11.11 & 11.12

ANSI C63.10 - 2013 - Section 6.3 (General Requirements)

ANSI C63.10 - 2013 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 - 2013 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 - 2013 - Section 6.6 (Standard test method above 1GHz)

6.6.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

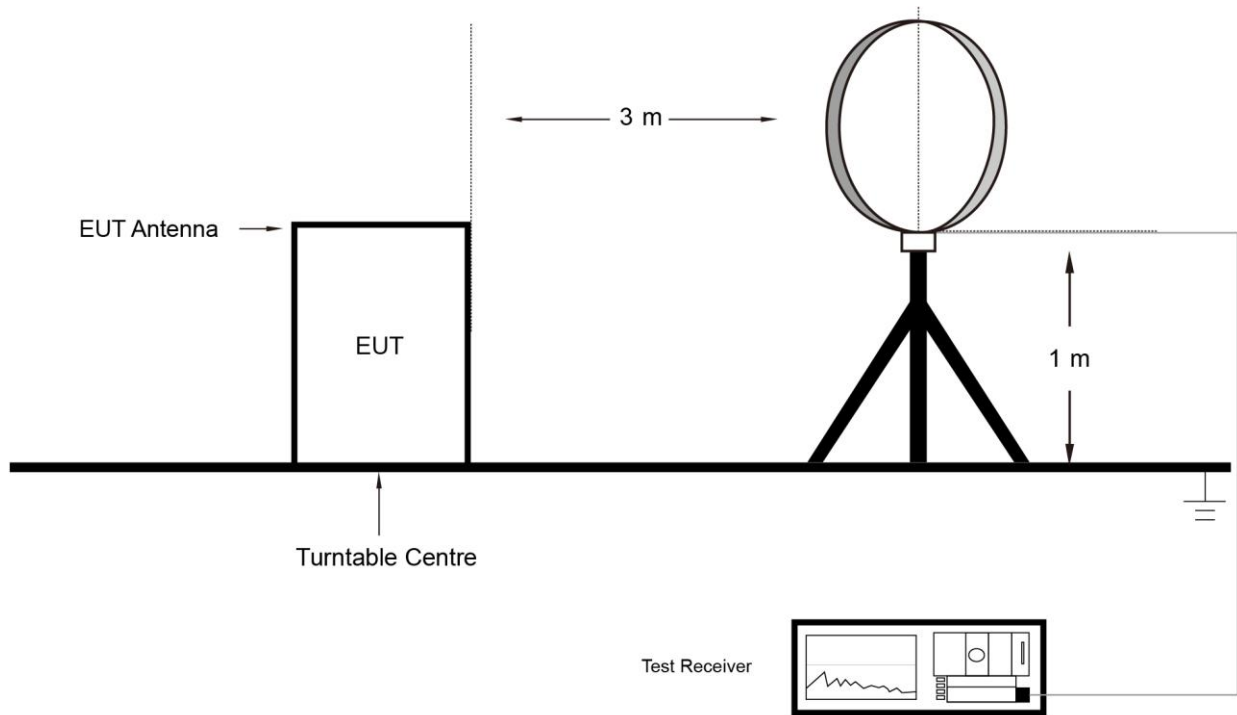
Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; if the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz

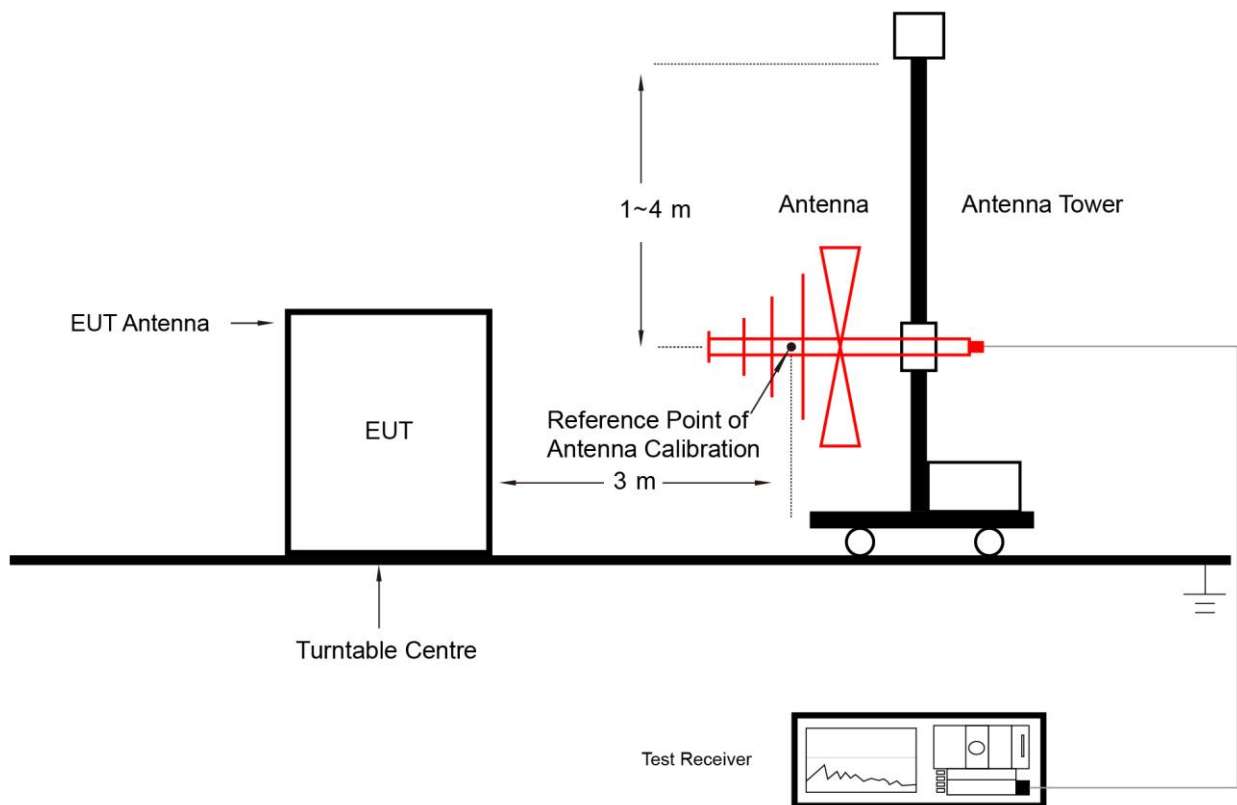
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = Auto
7. Trace mode = Max hold
8. Trace was allowed to stabilize

6.6.4. Test Setup

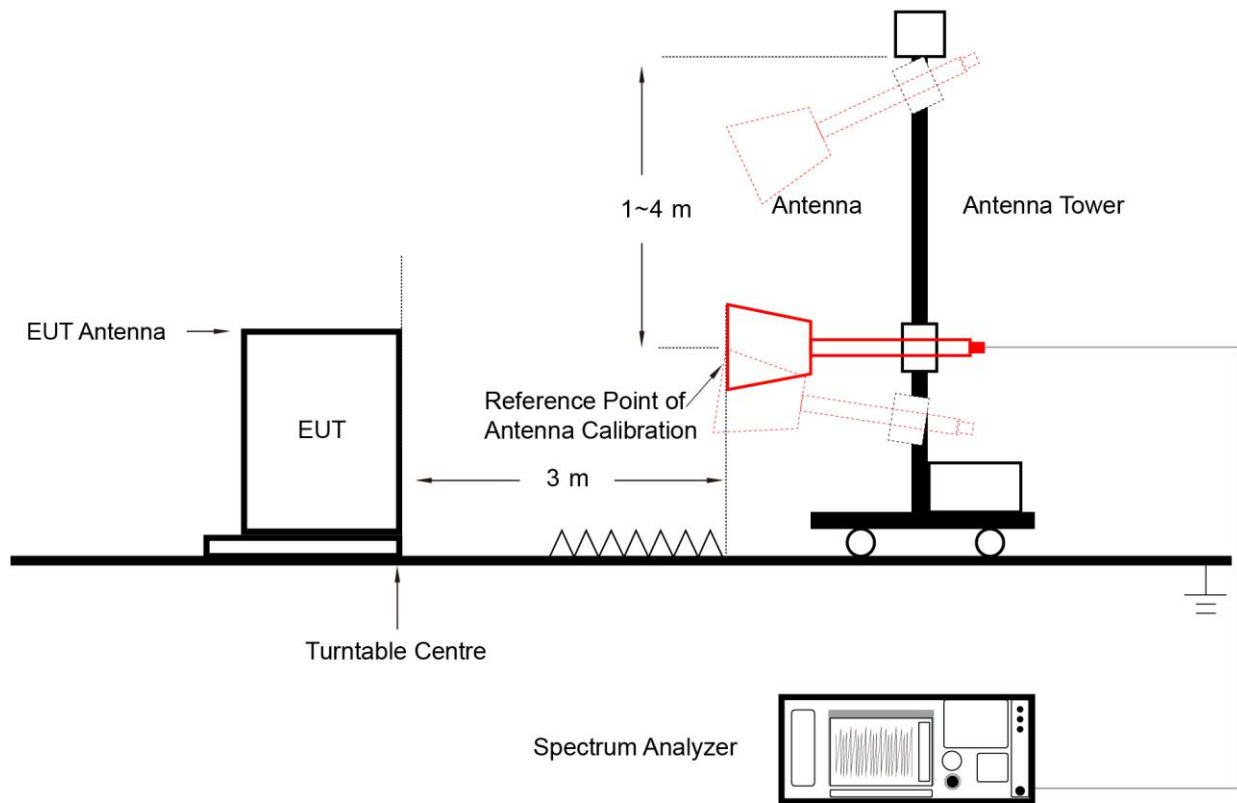
Below 30MHz Test Setup:



Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.6.5. Test Result

Refer to Appendix A.6.

6.7. Radiated Restricted Band Edge Measurement

6.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.7.2. Test Procedure

ANSI C63.10-2013 Section 6.3 & 6.6 & 11.13

6.7.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

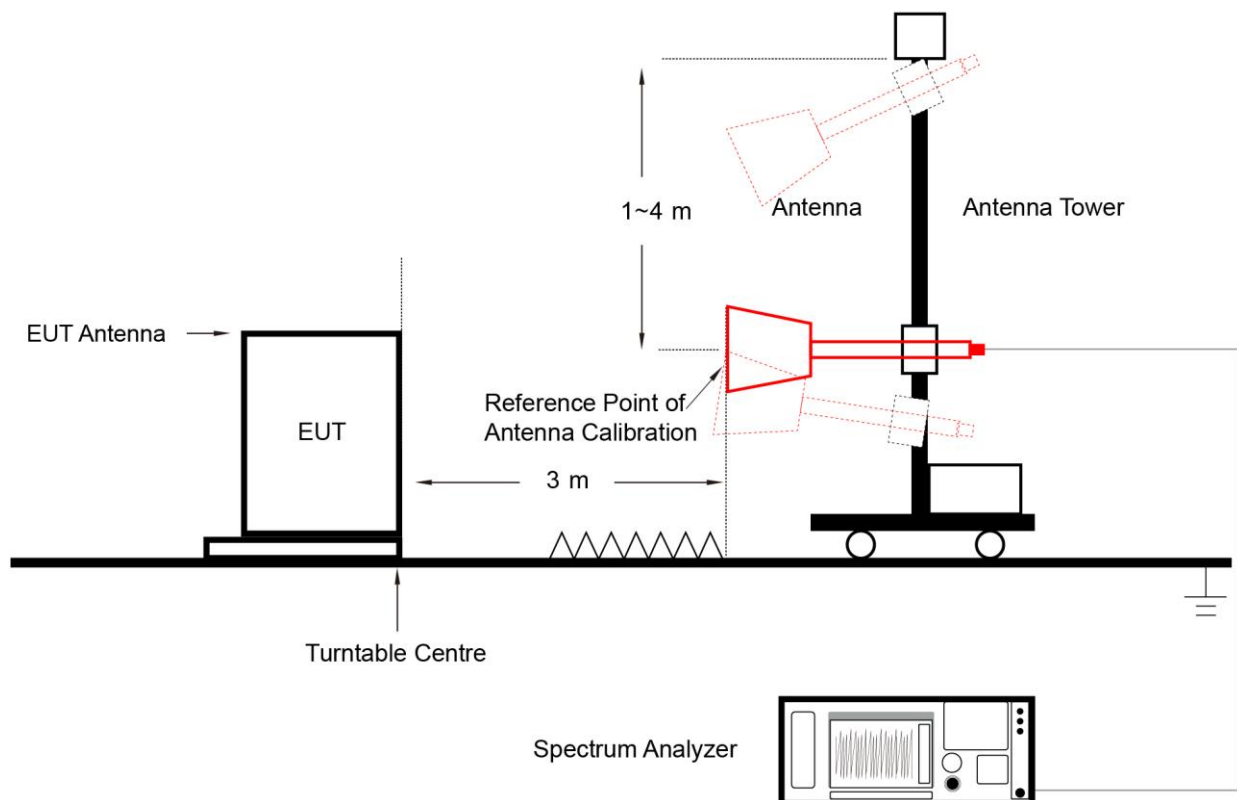
Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.

If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.

4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.7.4. Test Setup



6.7.5. Test Result

Refer to Appendix A.7.

6.8. AC Conducted Emissions Measurement

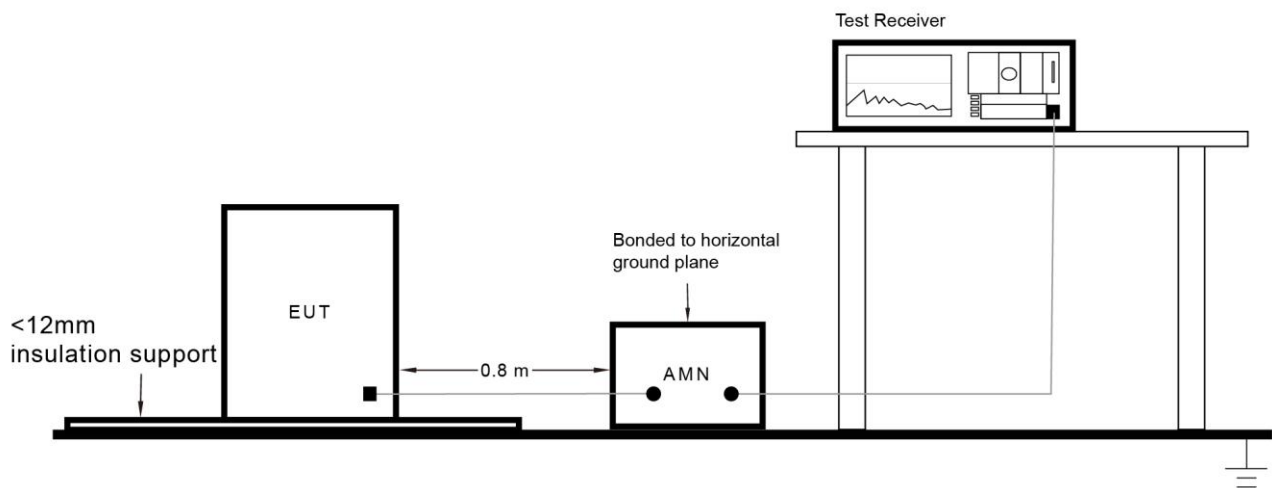
6.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.8.2. Test Setup



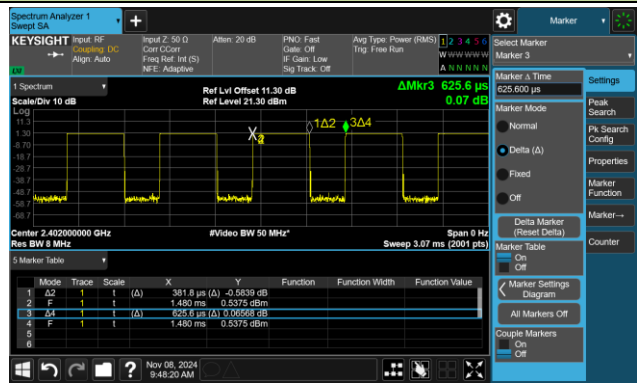
6.8.3. Test Result

Refer to Appendix A.8.

Appendix A - Test Result

A.1 Duty Cycle Test Result

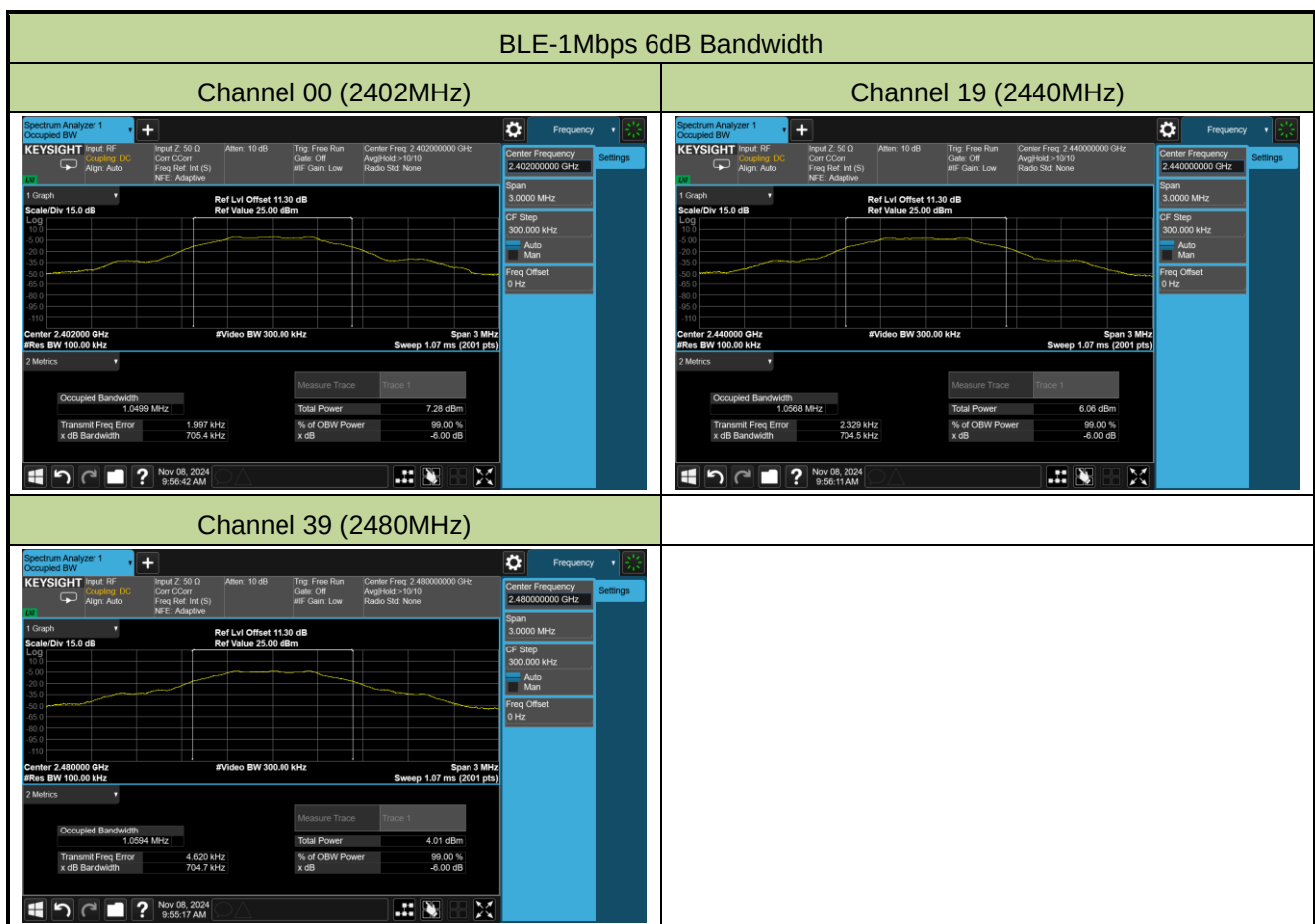
Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-11-08		

Test Mode	Duty Cycle
BLE-1Mbps	61.03%
Duty Cycle (T = Transmission Duration)	
BLE-1Mbps (T = 381.8µs)	
	

A.2 6dB Bandwidth Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-11-08		

Test Mode	Data Rate	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
BLE	1Mbps	00	2402	0.7054	≥ 0.5
BLE	1Mbps	19	2440	0.7045	≥ 0.5
BLE	1Mbps	39	2480	0.7047	≥ 0.5



A.3 Output Power Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-11-08		

Test Result of Peak Output Power

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	00	2402	-0.79	≤ 30.00	Pass
BLE	1Mbps	19	2440	-2.58	≤ 30.00	Pass
BLE	1Mbps	39	2480	-5.06	≤ 30.00	Pass

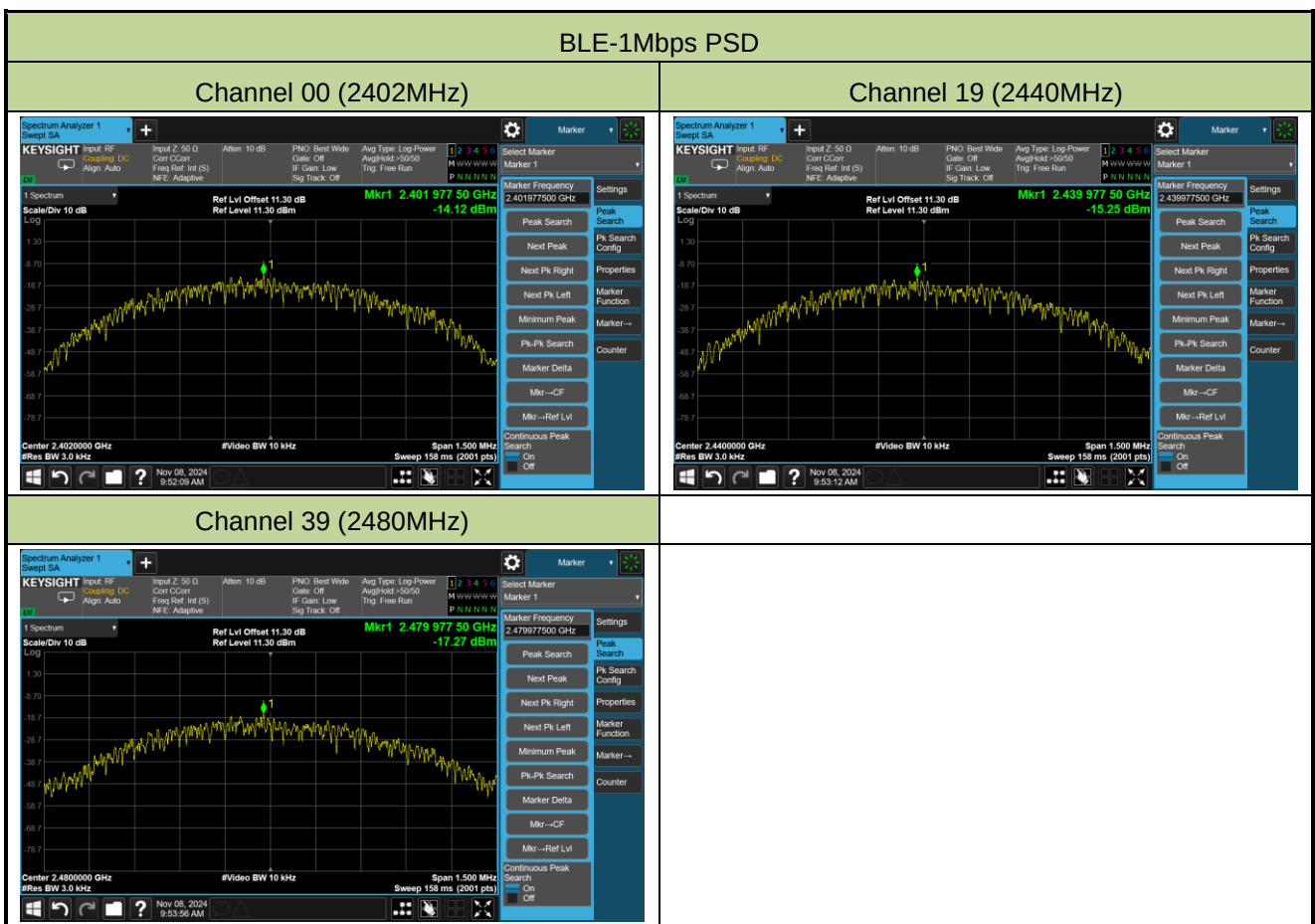
Test Result of Average Output Power (Reporting Only)

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Average Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	00	2402	-1.08	≤ 30.00	Pass
BLE	1Mbps	19	2440	-3.00	≤ 30.00	Pass
BLE	1Mbps	39	2480	-5.74	≤ 30.00	Pass

A.4 Power Spectral Density Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-11-08		

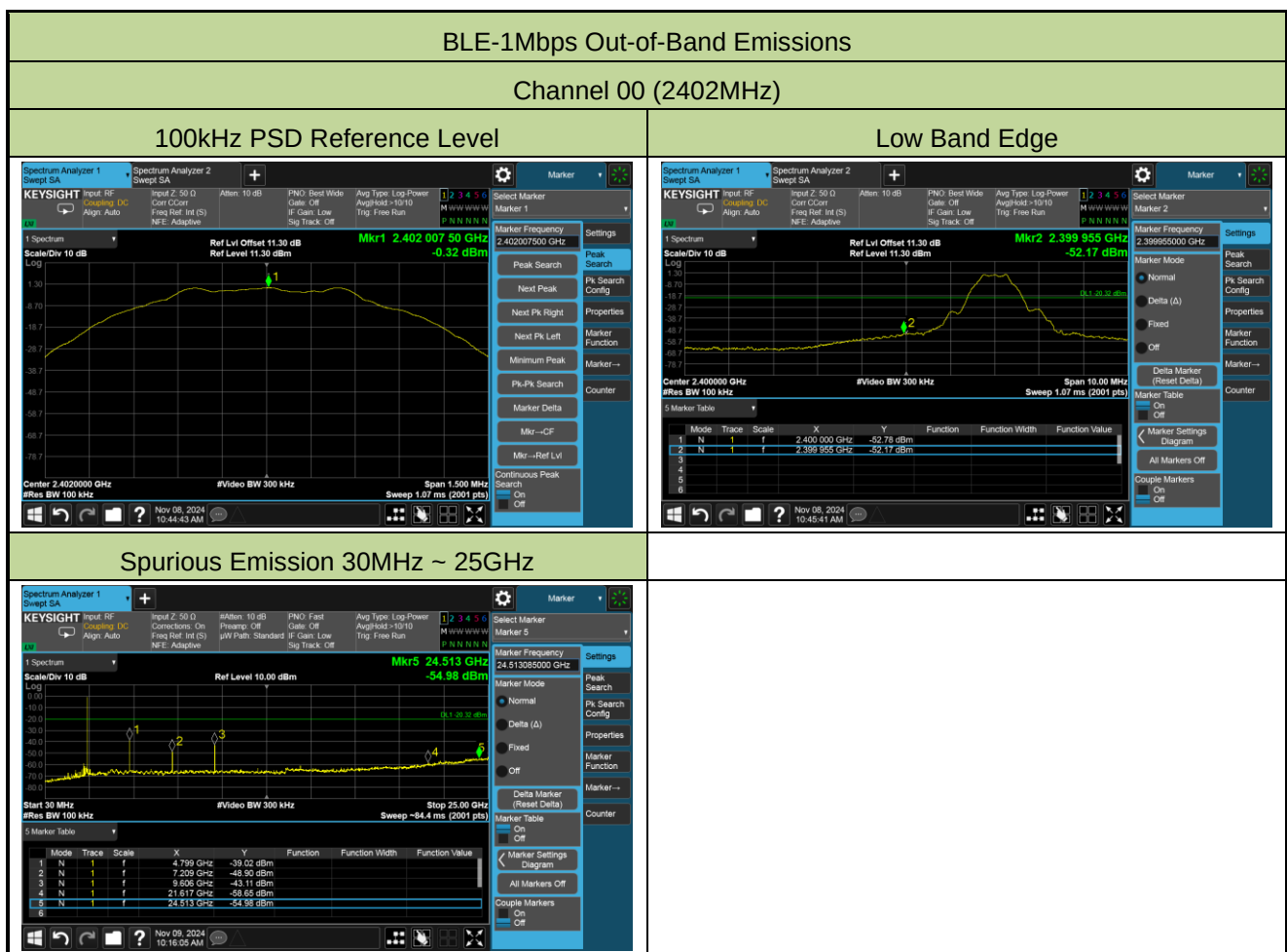
Test Mode	Data Rate	Channel No.	Frequency (MHz)	PSD Result (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
BLE	1Mbps	00	2402	-14.12	≤ 8.00	Pass
BLE	1Mbps	19	2440	-15.25	≤ 8.00	Pass
BLE	1Mbps	39	2480	-17.27	≤ 8.00	Pass



A.5 Conducted Band Edge and Out-of-Band Emissions Test Result

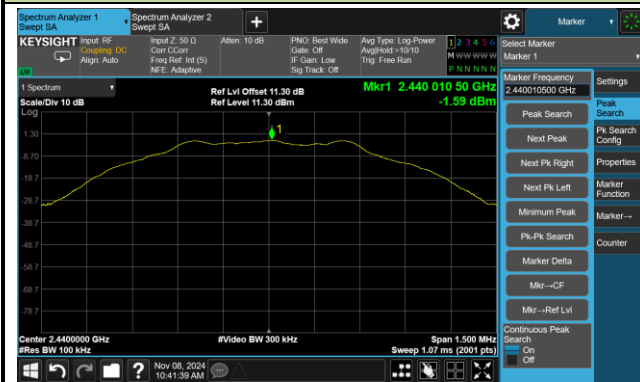
Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-11-08 ~ 2024-11-09		

Test Mode	Data Rate / Mbps	Channel No.	Frequency (MHz)	Limit	Result
BLE	1	00	2402	20dBc	Pass
BLE	1	19	2440	20dBc	Pass
BLE	1	39	2480	20dBc	Pass

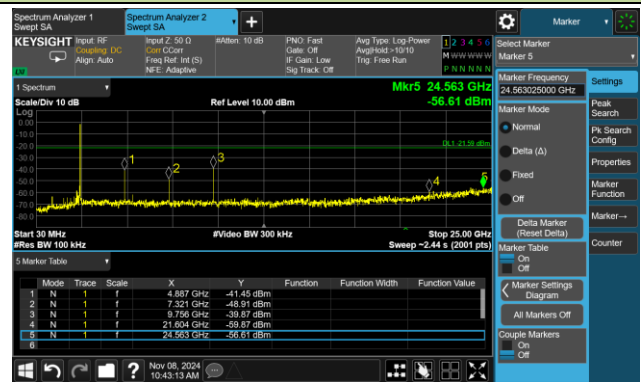


Channel 19 (2440MHz)

100kHz PSD Reference Level



Spurious Emission 30MHz ~ 25GHz



Channel 39 (2480MHz)

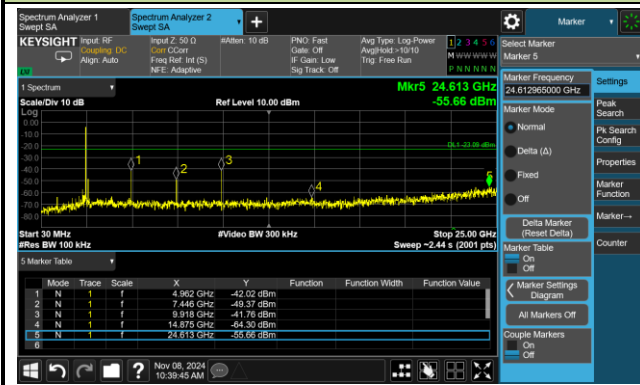
100kHz PSD Reference Level



High Band Edge



Spurious Emission 30MHz ~ 25GHz



A.6 Radiated Spurious Emission Test Result

Test Site	WJ-AC1	Test Engineer	Carl Jiang
Test Date	2024-12-04	Test Mode:	BLE-1Mbps
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

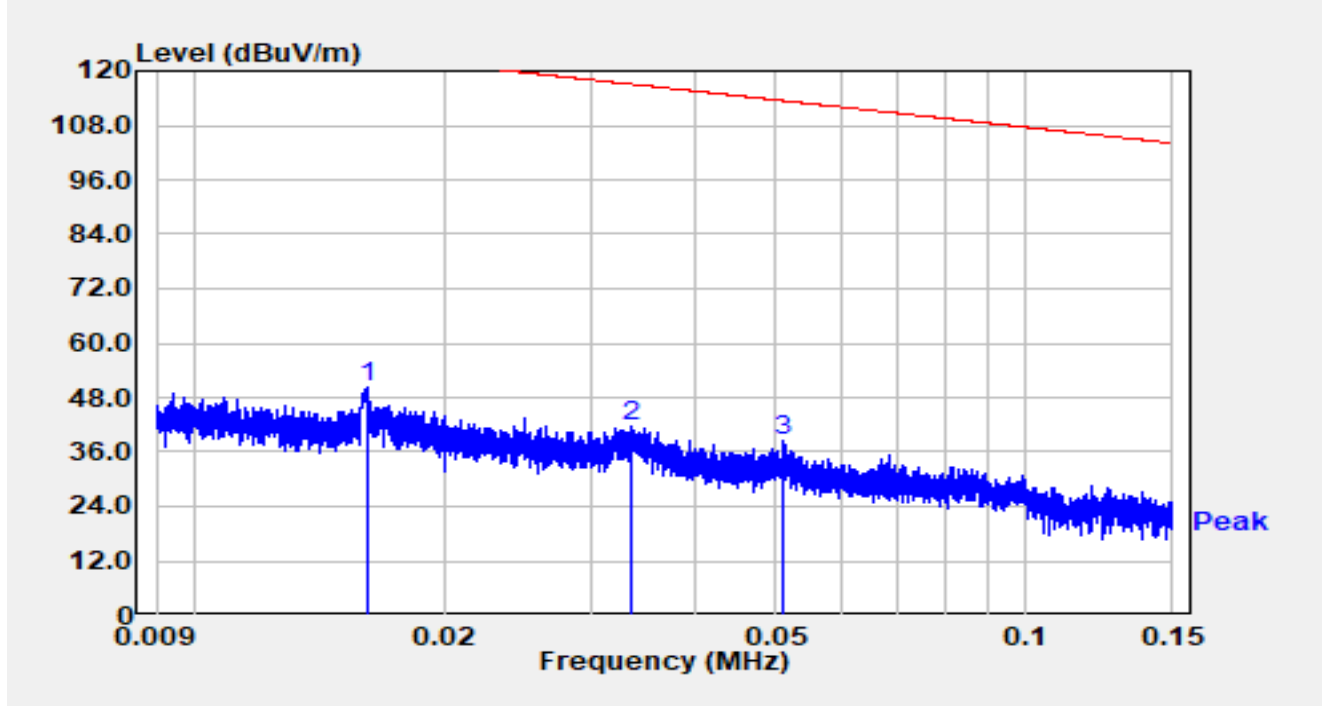
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	4087.2	34.7	6.4	41.1	74.0	-32.9	Peak	Horizontal
	4804.6	39.7	7.6	47.3	74.0	-26.7	Peak	Horizontal
	11283.3	32.7	17.7	50.4	74.0	-23.6	Peak	Horizontal
	4802.9	36.4	7.6	44.0	74.0	-30.0	Peak	Vertical
	7618.1	31.2	13.1	44.3	74.0	-29.7	Peak	Vertical
	11519.6	30.7	18.2	48.9	74.0	-25.1	Peak	Vertical
19	4078.7	34.2	6.4	40.6	74.0	-33.4	Peak	Horizontal
	4879.4	38.8	7.5	46.3	74.0	-27.7	Peak	Horizontal
	11822.2	31.0	18.8	49.8	74.0	-24.2	Peak	Horizontal
	3881.5	34.8	6.2	41.0	74.0	-33.0	Peak	Vertical
	4879.4	36.1	7.5	43.6	74.0	-30.4	Peak	Vertical
	7318.9	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
39	3917.2	34.4	6.3	40.7	74.0	-33.3	Peak	Horizontal
	4959.3	37.0	7.6	44.6	74.0	-29.4	Peak	Horizontal
	7439.6	30.7	13.0	43.7	74.0	-30.3	Peak	Horizontal
	3995.4	34.9	6.4	41.3	74.0	-32.7	Peak	Vertical
	4961.0	36.2	7.6	43.8	74.0	-30.2	Peak	Vertical
	7439.6	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission below 1GHz:

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15.209_RSE(3m)_QP	Test Engineer	Carl Jiang
Factor	SN00031 07076 loop 9K-30M	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

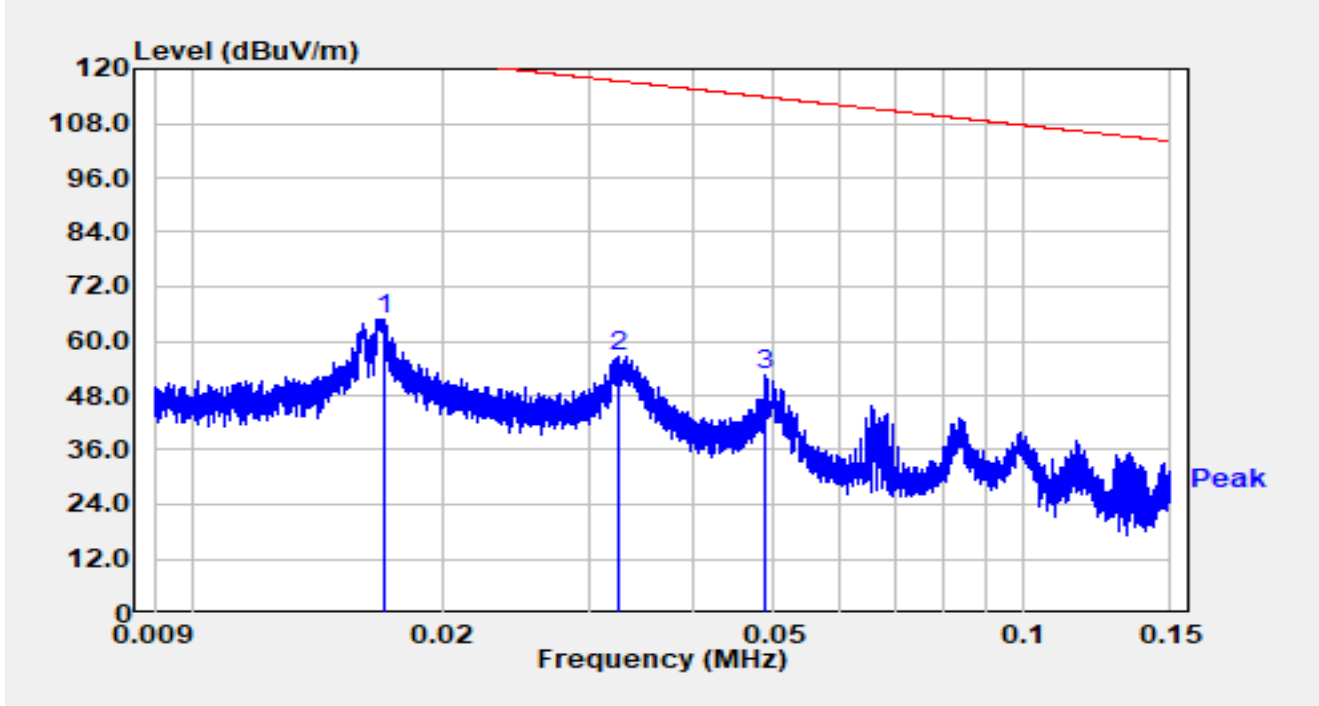


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	0.016	30.06	20.35	50.41	-73.04	123.45	Peak
2		0.034	21.40	20.30	41.70	-75.38	117.08	Peak
3		0.051	18.11	20.27	38.38	-75.03	113.42	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15.209_RSE(3m)_QP	Test Engineer	Carl Jiang
Factor	SN00031 07076 loop 9K-30M	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

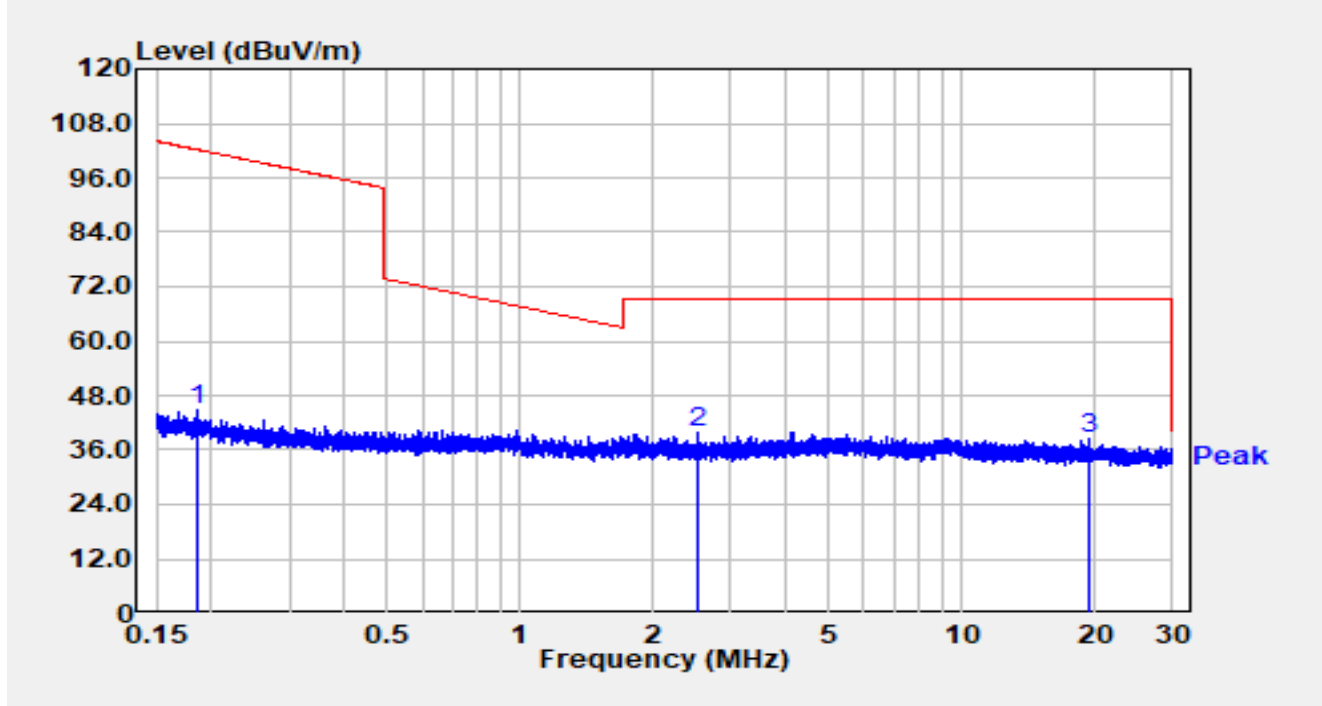


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	0.017	44.45	20.31	64.76	-58.24	123.00	Peak
2		0.033	36.33	20.30	56.64	-60.70	117.33	Peak
3		0.049	32.42	20.28	52.69	-61.11	113.80	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15.209_RSE(3m)_QP	Test Engineer	Carl Jiang
Factor	SN00031 07076 loop 9K-30M	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

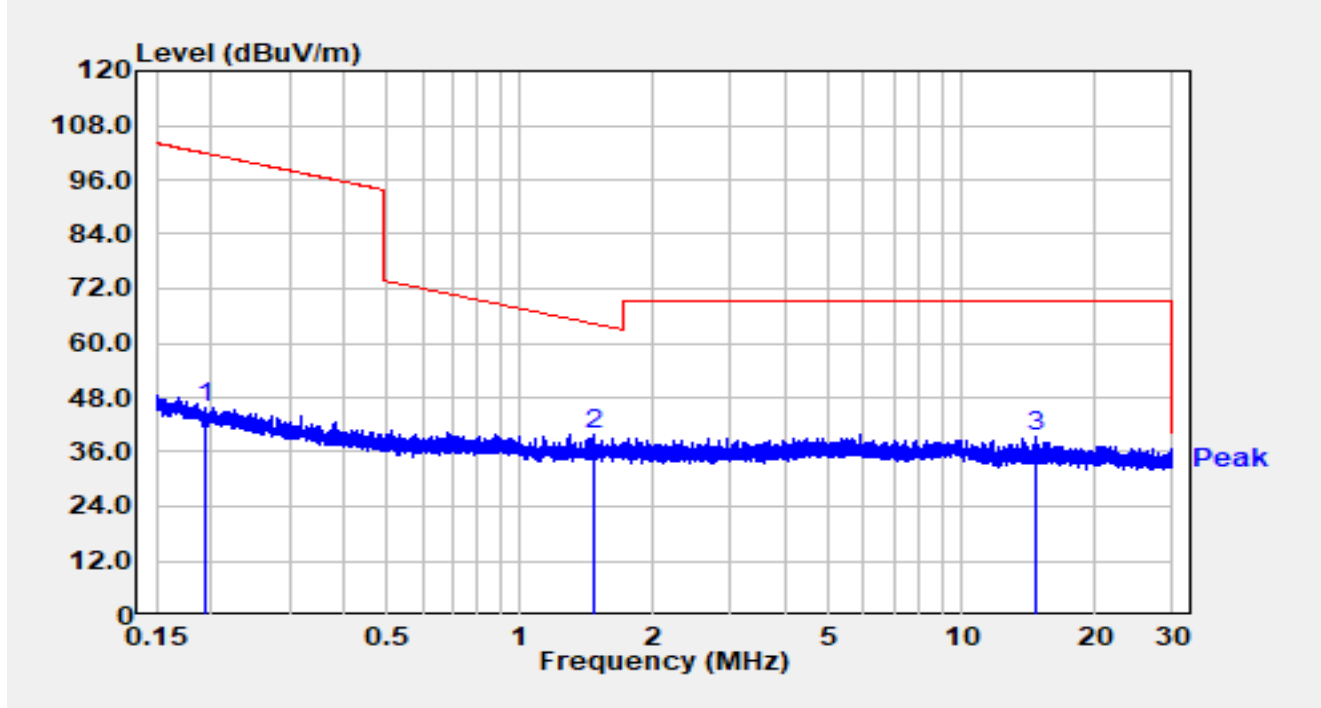


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.186	24.45	20.18	44.63	-57.57	102.20	Peak
2	*	2.521	19.83	20.14	39.97	-29.53	69.50	Peak
3		19.490	18.07	20.57	38.64	-30.86	69.50	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15.209_RSE(3m)_QP	Test Engineer	Carl Jiang
Factor	SN00031 07076 loop 9K-30M	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

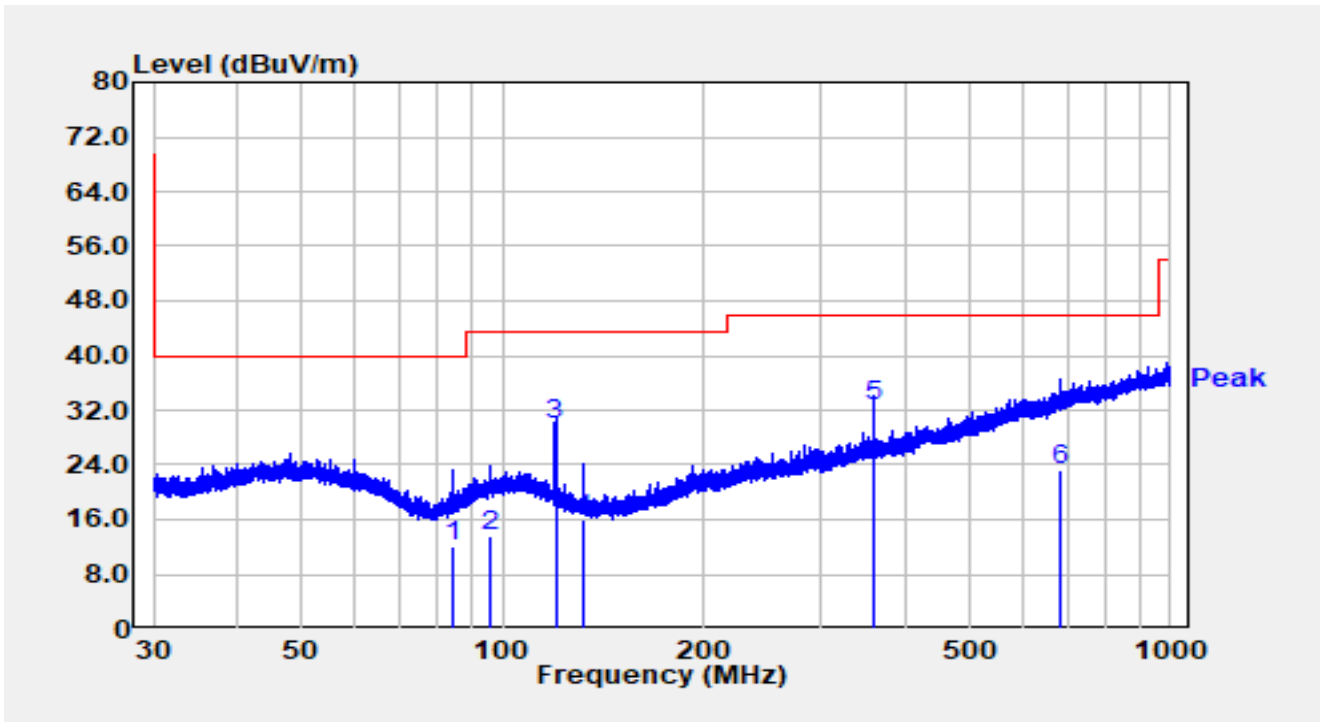


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.195	25.48	20.18	45.65	-56.15	101.81	Peak
2	*	1.466	19.91	20.12	40.02	-24.29	64.31	Peak
3		14.625	19.01	20.41	39.42	-30.08	69.50	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Carl Jiang
Factor	AC1 9163-07099 with 6dB 07136-25-1000MHz	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

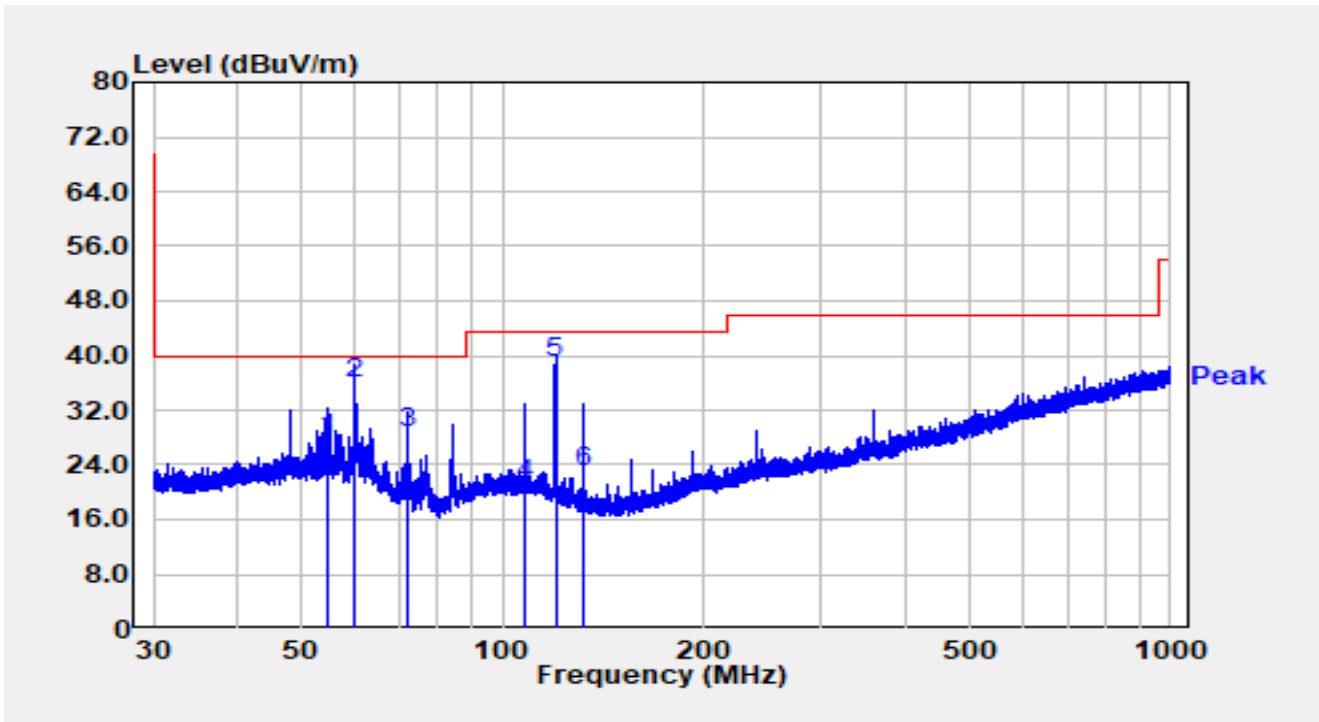


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		83.992	-2.50	14.43	11.93	-28.07	40.00	QP
2		95.897	-3.60	17.12	13.52	-29.98	43.50	QP
3		119.982	13.90	15.96	29.86	-13.64	43.50	QP
4		132.174	1.70	14.37	16.07	-27.43	43.50	QP
5	*	360.069	10.40	22.29	32.69	-13.31	46.00	QP
6		683.546	-4.70	27.98	23.28	-22.72	46.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. QP measurement was not performed when peak measure level was lower than the QP limit.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Carl Jiang
Factor	AC1 9163-07099 with 6dB 07136-25-1000MHz	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		



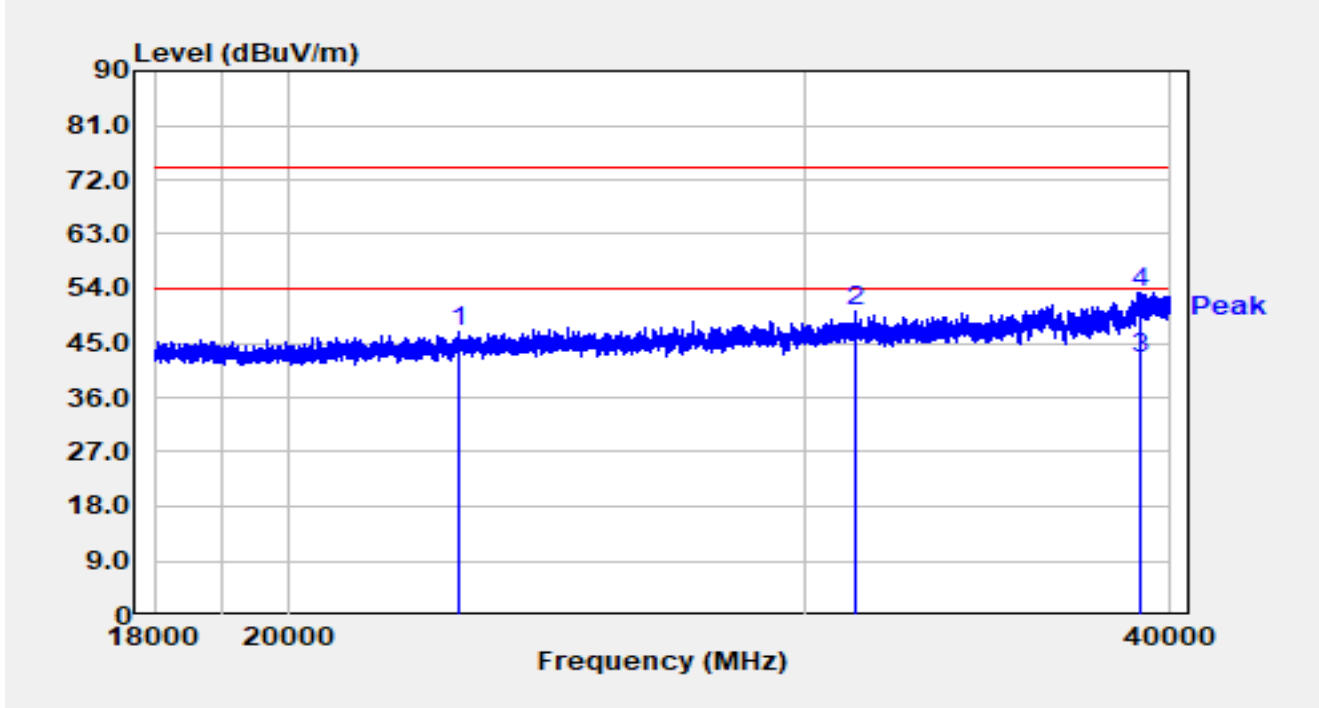
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		54.605	8.50	19.27	27.77	-12.23	40.00	QP
2	*	60.006	17.80	18.08	35.88	-4.12	40.00	QP
3		71.983	14.10	14.68	28.78	-11.22	40.00	QP
4		107.926	3.30	17.80	21.10	-22.40	43.50	QP
5		119.982	23.10	15.96	39.06	-4.44	43.50	QP
6		131.989	8.60	14.38	22.98	-20.52	43.50	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. QP measurement was not performed when peak measure level was lower than the QP limit.

The Result of Radiated Emission 18 ~ 40GHz:

Site	WJ-AC2	Test Date	2024-12-05
Temperature	21.3°C	Humidity	69.1%
Limit	FCC_Part 15.209_RSE(3m)_PK	Test Engineer	Carl Jiang
Factor	01372 BBHA9170 18-40G	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

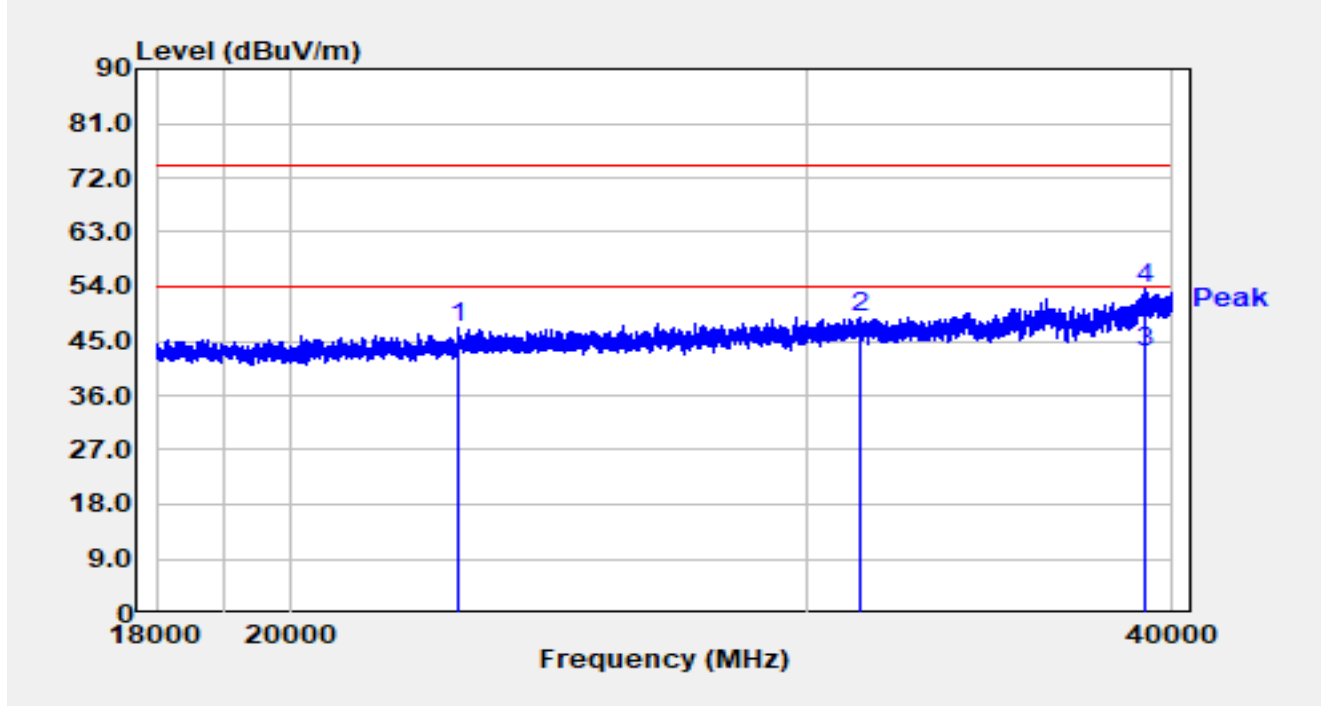


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		22868.600	51.15	-4.22	46.93	-27.07	74.00	Peak
2		31246.200	52.52	-2.32	50.20	-23.80	74.00	Peak
3	*	39098.000	40.70	1.63	42.32	-11.68	54.00	Average
4		39098.000	51.84	1.63	53.46	-20.54	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB)-AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2024-12-05
Temperature	21.3°C	Humidity	69.1%
Limit	FCC_Part 15.209_RSE(3m)_PK	Test Engineer	Carl Jiang
Factor	01372 BBHA9170 18-40G	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		



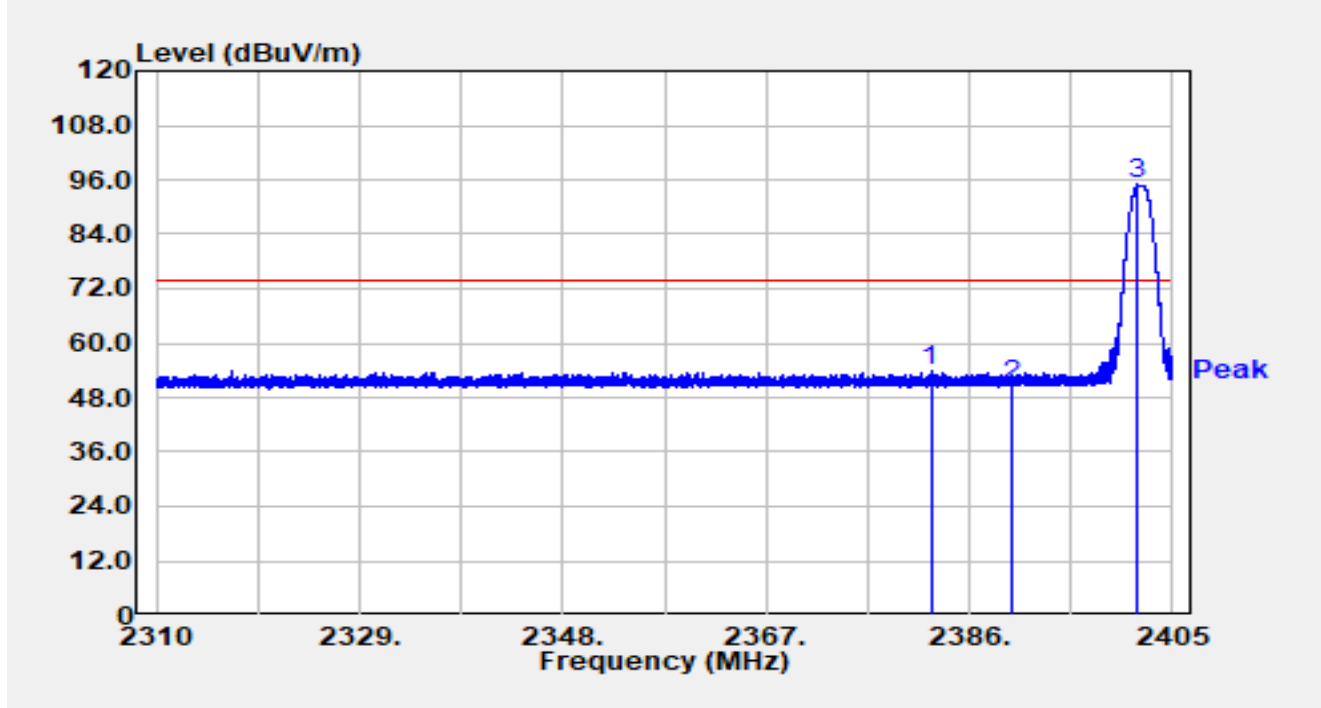
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		22835.600	51.45	-4.38	47.07	-26.93	74.00	Peak
2		31270.400	51.28	-2.24	49.04	-24.96	74.00	Peak
3	*	39150.800	41.56	1.62	43.19	-10.81	54.00	Average
4		39150.800	52.03	1.62	53.65	-20.35	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB)-AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

A.7 Radiated Restricted Band Edge Test Result

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

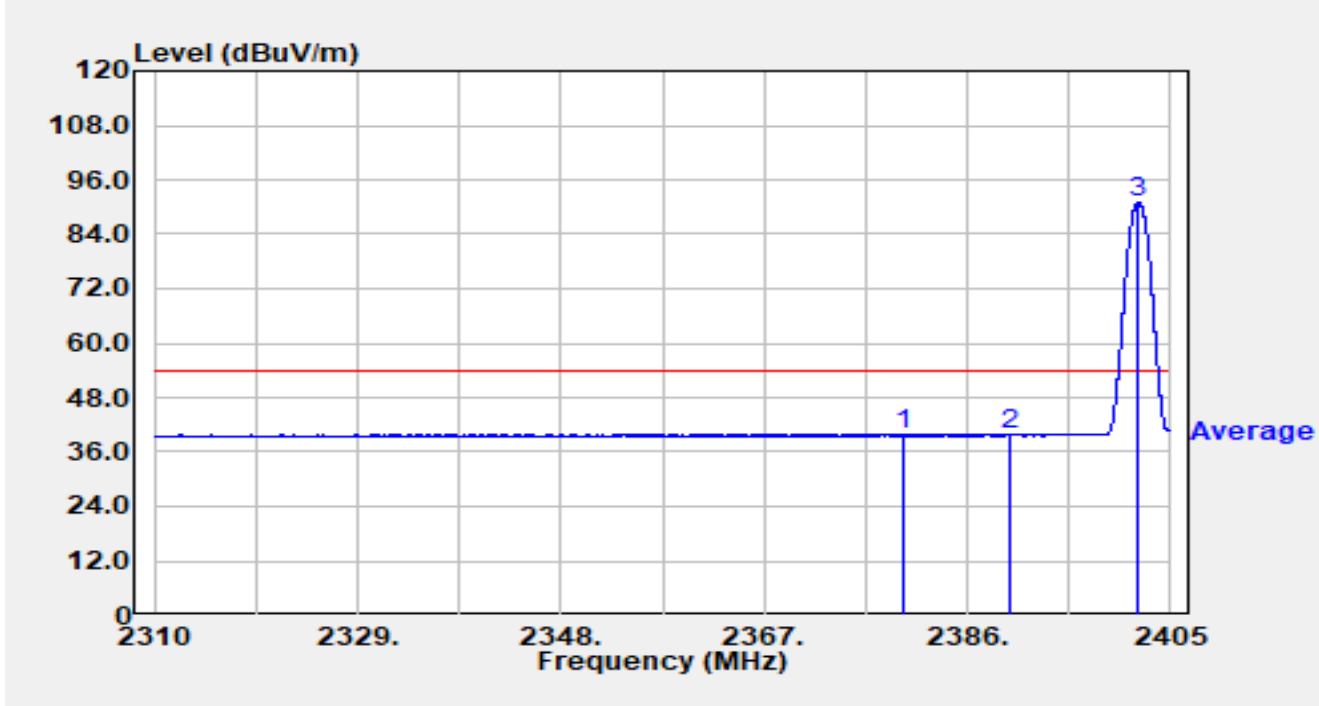


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2382.390	17.11	36.79	53.91	-20.09	74.00	Peak
2		2390.000	13.90	36.83	50.73	-23.27	74.00	Peak
3	*	2401.789	57.96	36.91	94.88	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

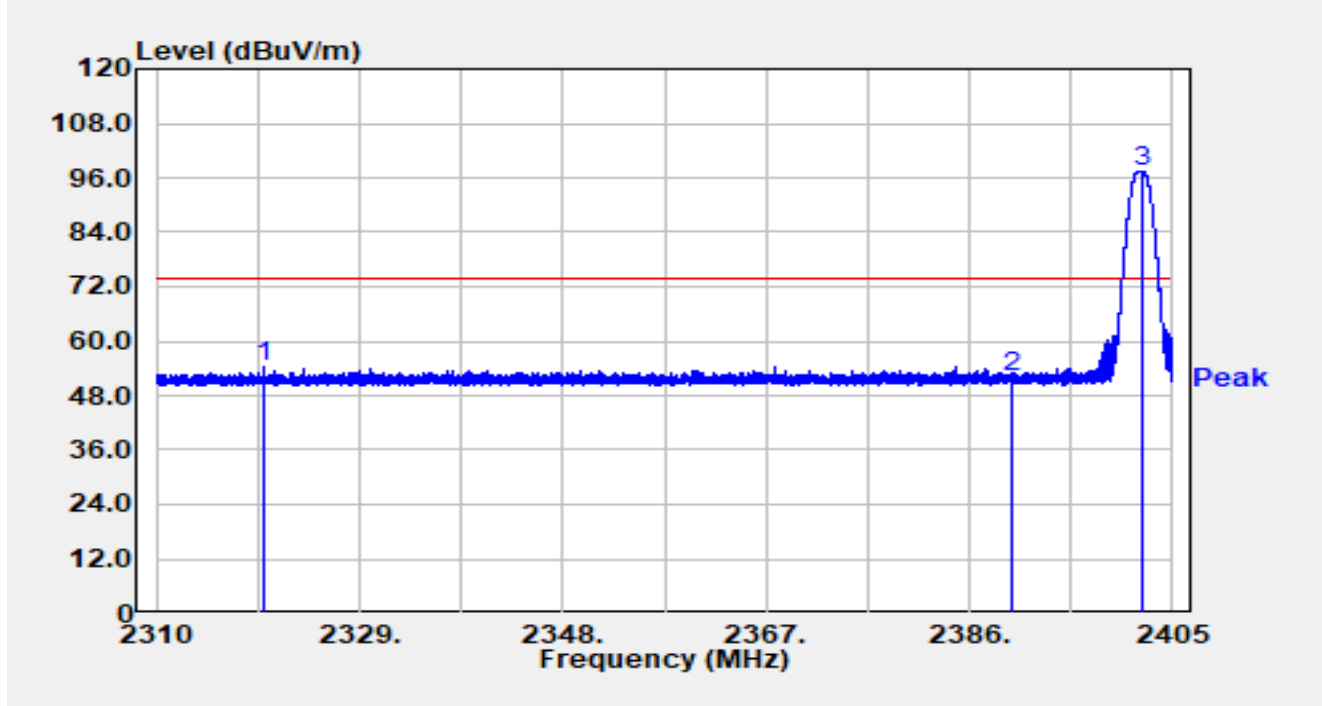


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2380.072	3.12	36.78	39.90	-14.10	54.00	Average
2		2390.000	2.85	36.83	39.68	-14.32	54.00	Average
3	*	2401.989	54.03	36.92	90.95	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

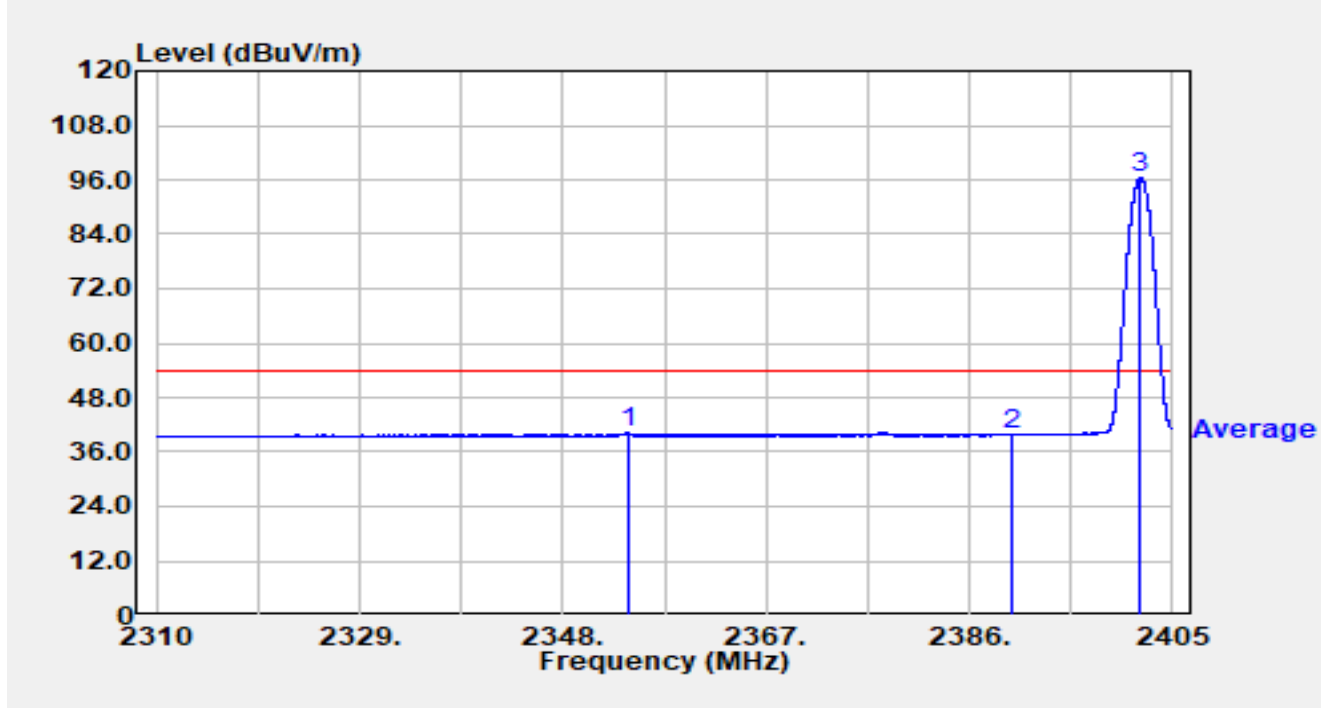


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2319.966	17.84	36.57	54.41	-19.59	74.00	Peak
2		2390.000	15.11	36.83	51.94	-22.06	74.00	Peak
3	*	2402.254	60.47	36.92	97.38	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2402MHz		

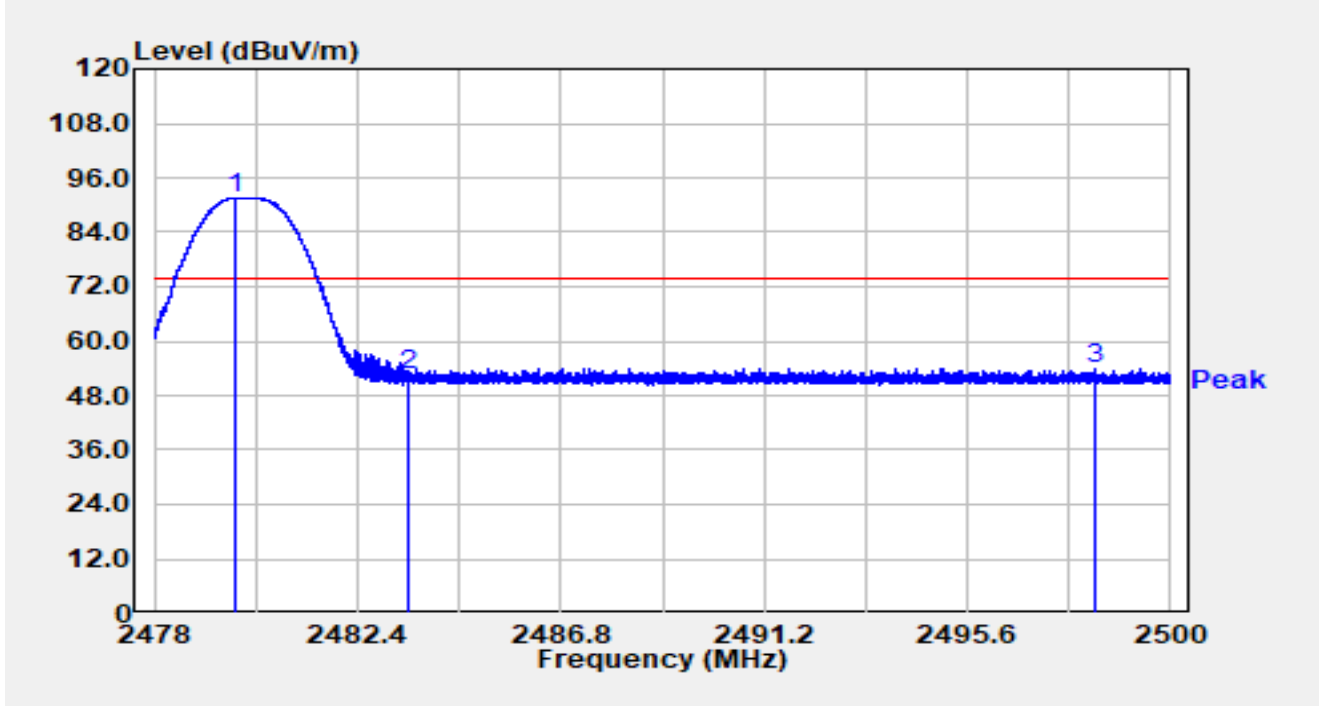


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2354.032	3.52	36.71	40.24	-13.76	54.00	Average
2		2390.000	3.10	36.83	39.94	-14.06	54.00	Average
3	*	2401.969	59.63	36.92	96.55	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2480MHz		

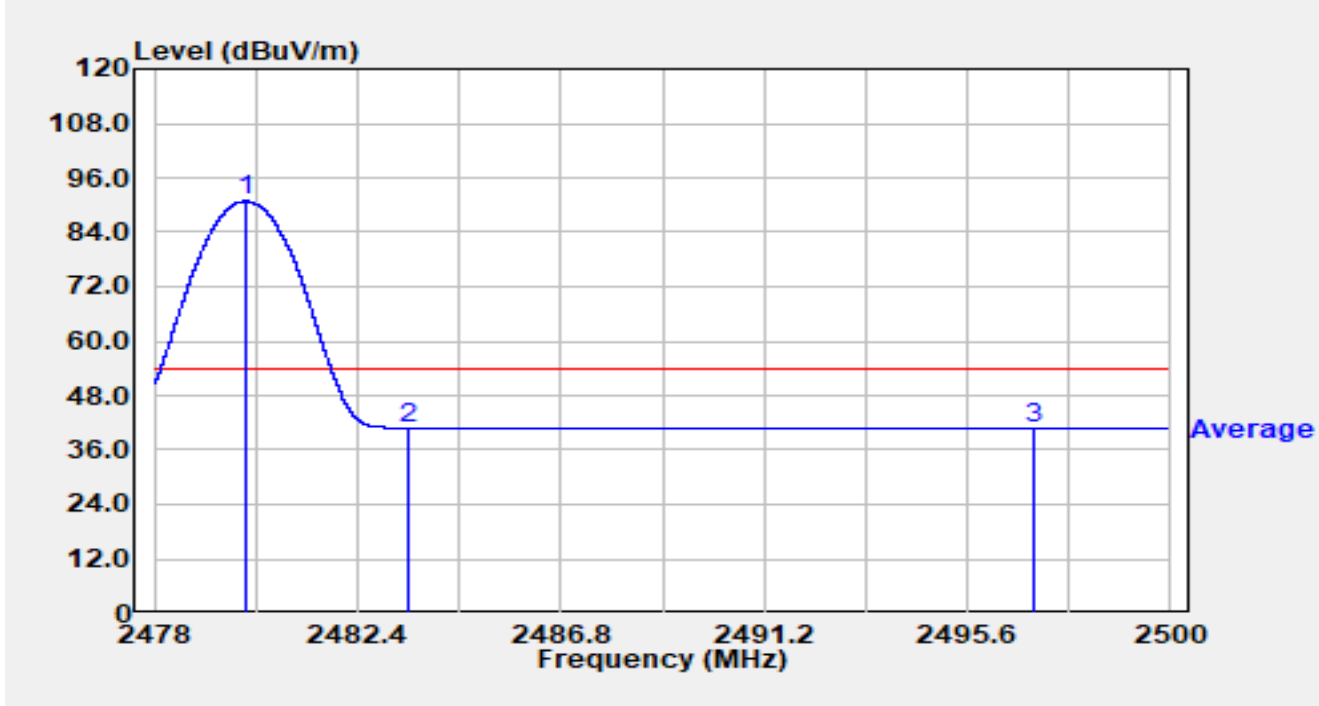


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2479.751	54.43	37.04	91.47	N/A	N/A	Peak
2		2483.500	15.62	37.05	52.67	-21.33	74.00	Peak
3		2498.359	16.93	37.08	54.01	-19.99	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2480MHz		

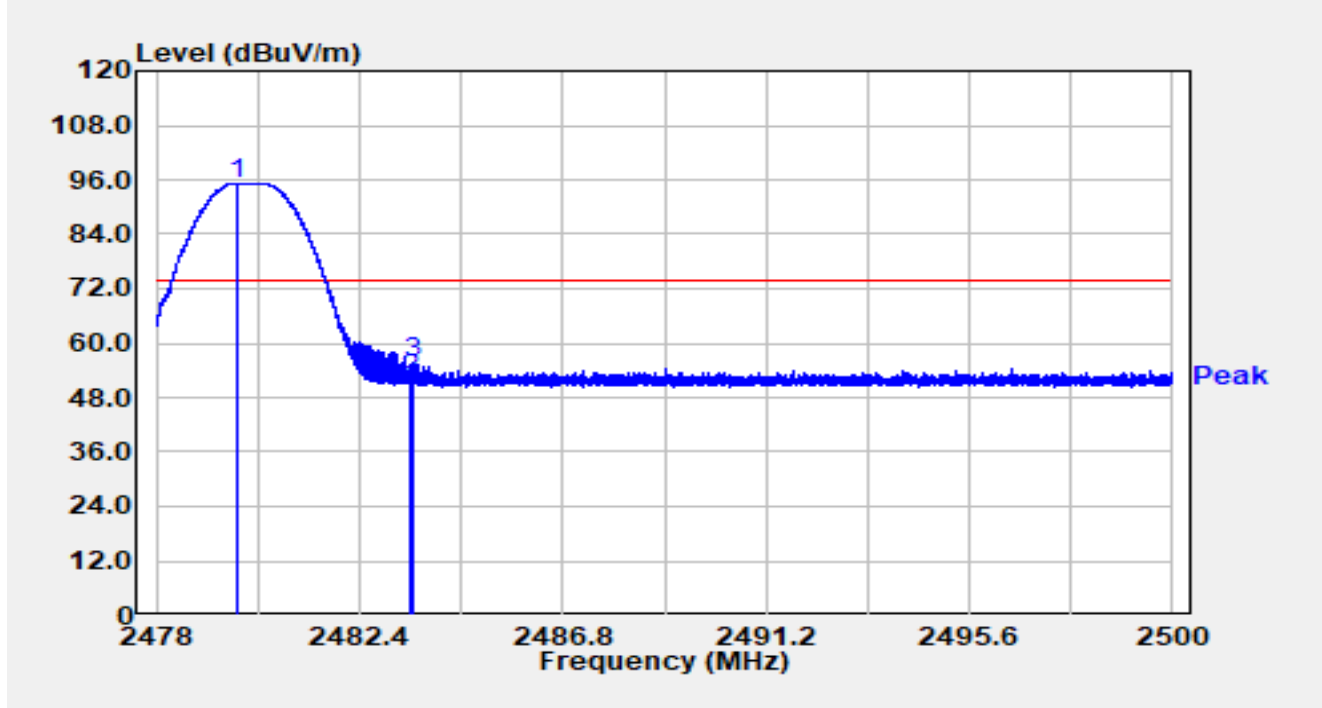


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2479.976	53.90	37.04	90.94	N/A	N/A	Average
2		2483.500	3.70	37.05	40.75	-13.25	54.00	Average
3		2497.061	3.85	37.08	40.93	-13.07	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2480MHz		

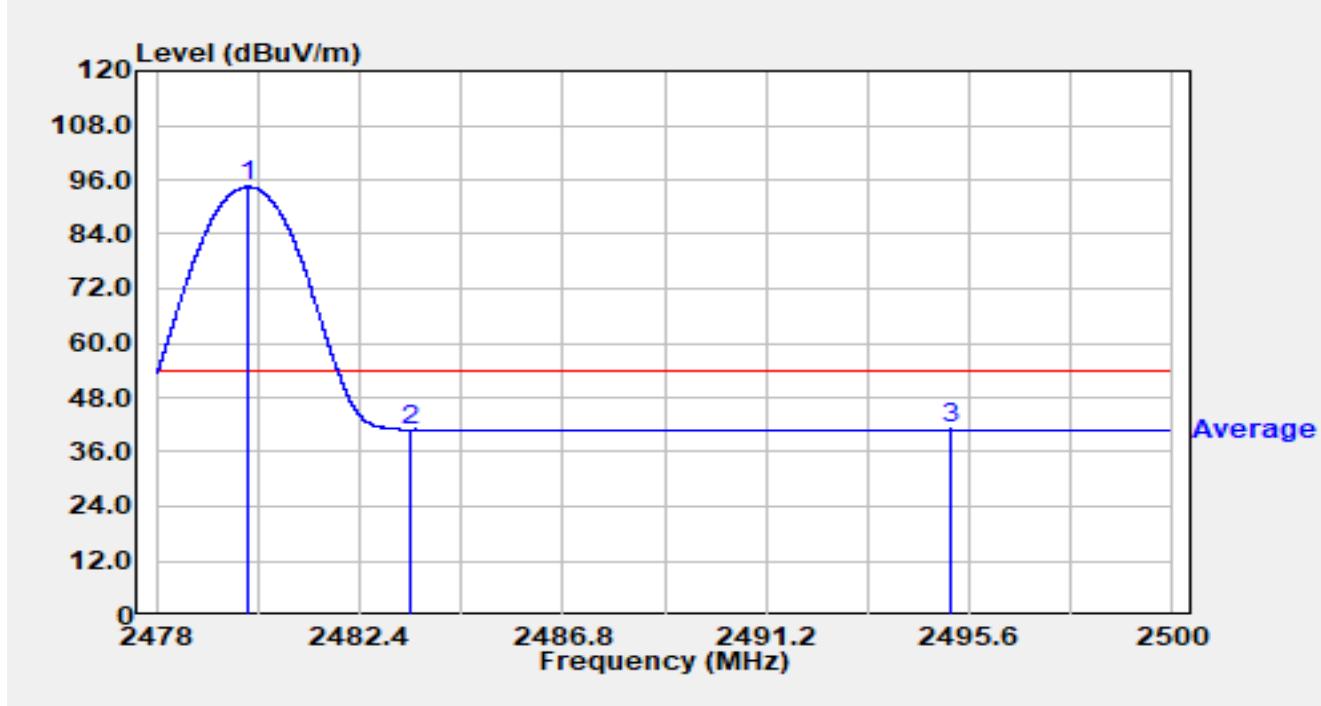


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2479.727	58.25	37.04	95.29	N/A	N/A	Peak
2		2483.500	15.01	37.05	52.06	-21.94	74.00	Peak
3		2483.570	18.60	37.05	55.66	-18.34	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-12-04
Temperature	18.8°C	Humidity	50.1%
Limit	FCC_Part15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	AC1 Horn 3117_1-18GHz	Polarity	Vertical
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	By PC
Test Mode	Transmit by BLE 1M at 2480MHz		



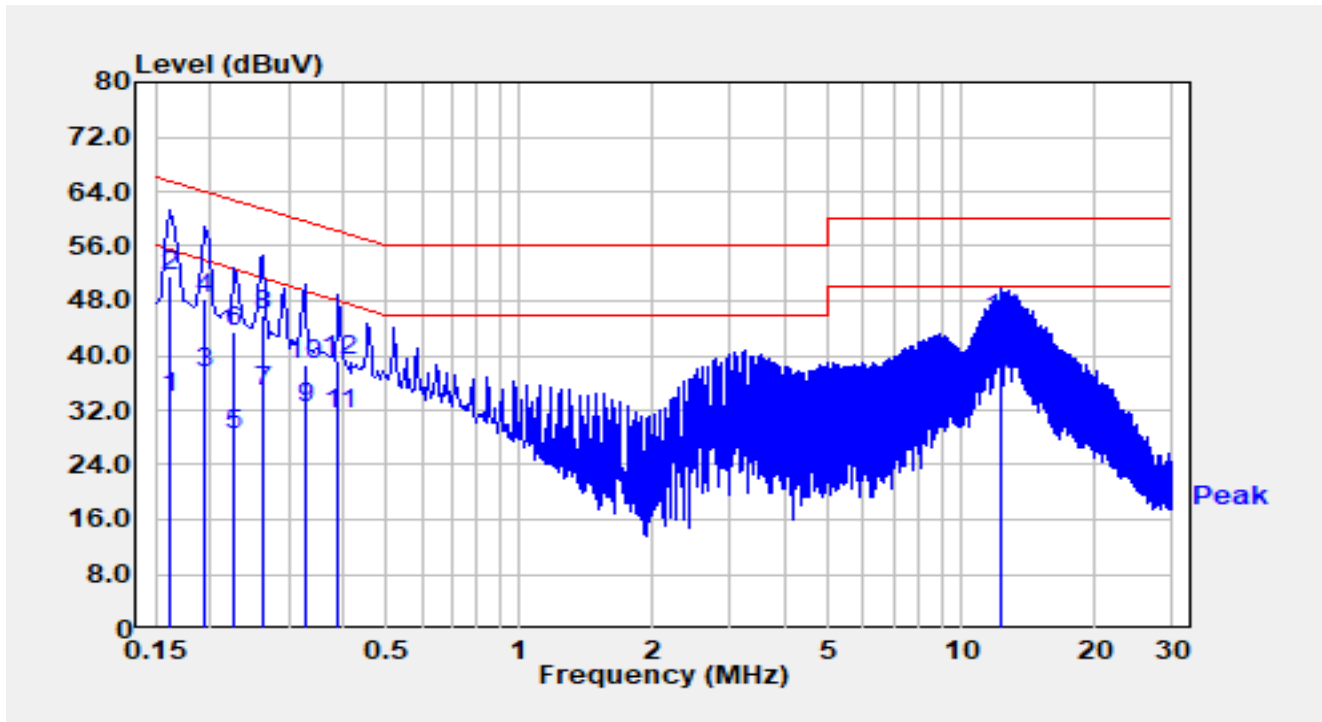
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2480.002	57.53	37.04	94.57	N/A	N/A	Average
2		2483.500	3.82	37.05	40.87	-13.13	54.00	Average
3		2495.177	3.92	37.08	41.00	-13.00	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.8 AC Conducted Emissions Test Result

Site	WJ-SR5	Test Date	2024-12-05
Temperature	16.5°C	Humidity	53.8%
Limit	FCC Part15C_CE	Test Engineer	Carl Jiang
Factor	ENV216-07202_L1_Filter Off_C	Polarity	Line
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by BLE 1M at 2402MHz		



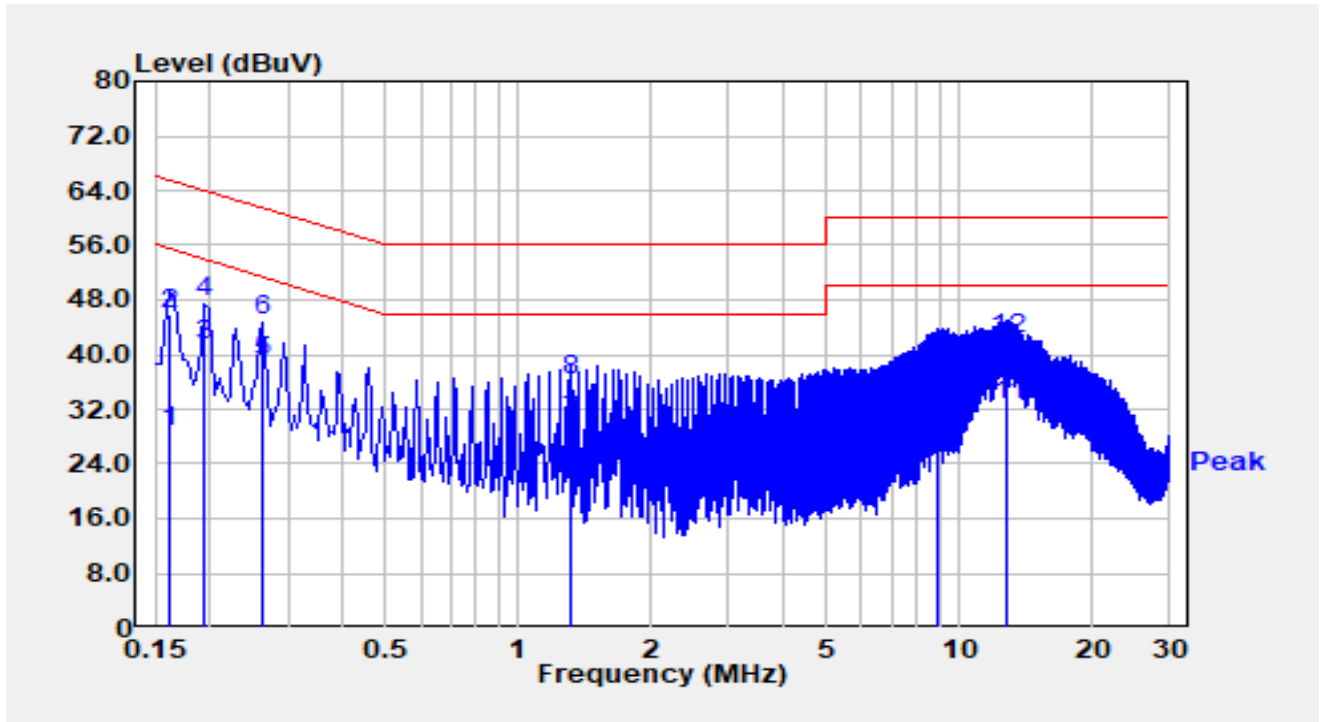
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.162	23.80	9.86	33.66	-21.70	55.36	Average
2		0.162	41.90	9.86	51.76	-13.60	65.36	QP
3		0.194	27.70	9.85	37.55	-16.32	53.86	Average
4		0.194	38.50	9.85	48.35	-15.52	63.86	QP
5		0.226	18.50	9.85	28.35	-24.25	52.60	Average
6		0.226	33.50	9.85	43.35	-19.25	62.60	QP
7		0.262	24.90	9.85	34.75	-16.61	51.37	Average
8		0.262	35.90	9.85	45.75	-15.61	61.37	QP
9		0.326	22.50	9.87	32.37	-17.19	49.55	Average
10		0.326	28.90	9.87	38.77	-20.79	59.55	QP
11		0.390	21.40	9.88	31.28	-16.78	48.06	Average
12		0.390	29.50	9.88	39.38	-18.68	58.06	QP
13	*	12.361	26.60	10.46	37.06	-12.94	50.00	Average

14		12.361	34.70	10.46	45.16	-14.84	60.00	QP
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Notes:

1. " *" , means this data is the worst emission level.
2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
3. Measurement (dB μ V) = Reading (dB μ V) + C.F (dB).

Site	WJ-SR5	Test Date	2024-12-05
Temperature	16.5°C	Humidity	53.8%
Limit	FCC Part15C_CE	Test Engineer	Carl Jiang
Factor	ENV216-07202_N_Filter Off_C	Polarity	Neutral
EUT	Ninebot eKickScooter E2 Plus II	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by BLE 1M at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.162	19.00	9.76	28.76	-26.61	55.36	Average
2		0.162	36.20	9.76	45.96	-19.41	65.36	QP
3		0.194	31.60	9.75	41.35	-12.52	53.86	Average
4		0.194	37.90	9.75	47.65	-16.22	63.86	QP
5	*	0.262	29.10	9.76	38.86	-12.51	51.37	Average
6		0.262	35.10	9.76	44.86	-16.51	61.37	QP
7		1.306	20.00	10.04	30.04	-15.96	46.00	Average
8		1.306	26.20	10.04	36.24	-19.76	56.00	QP
9		8.945	19.90	10.30	30.20	-19.80	50.00	Average
10		8.945	28.30	10.30	38.60	-21.40	60.00	QP
11		12.865	22.30	10.44	32.74	-17.26	50.00	Average
12		12.865	31.90	10.44	42.34	-17.66	60.00	QP

Notes:

1. " *", means this data is the worst emission level.

2. $C.F (dB) = LISN \text{ Factor } (dB) + \text{Cable Loss } (dB)$.
3. $\text{Measurement } (dB\mu V) = \text{Reading } (dB\mu V) + C.F (dB)$.

Appendix B - Test Setup Photograph

Refer to “2410RSU066-UT” file.

Appendix C - EUT Photograph

Refer to “2410RSU066-UE” file.

_____ The End _____