



RF MEASUREMENT REPORT

FCC ID: 2ALS8-OP0002
Applicant: Ninebot (Changzhou) Tech Co., Ltd.
Product: Segway Gokart Game Kit
Model No.: PI1401
Brand Name: Segway
FCC Classification: Part 15 Low Power Communication Device Transmitter (DXX)
FCC Rule Part(s): Part 15.249
Test Procedure(s): ANSI C63.10 - 2013
Result: Complies
Received Date: 2023-06-27
Test Date: 2023-09-25 ~ 2023-10-12

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
2306RSU045-U3	V01	Initial Report	2023-10-26	Valid

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1.4. Product Information

Product Name	Segway Gokart Game Kit
Model No.	PI1401
EUT Identification No.	20230731Sample#08
SRD Specification	2402 ~ 2480MHz
Bluetooth Specification	BLE (1Mbps only)
Antenna Information	Refer to section 1.7
Operating Temperature	-10°C ~ +50°C
Accessories	
Rechargeable Li-ion Battery	Model: YJ123333D Capacitance: 1500mAh / 5.55Wh Rated Voltage: 3.7V
Note: 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

2.4GHz SRD Specification	
Frequency Range	2402 ~ 2480 MHz
Channel Number	79
Type of modulation	GFSK

1.6. Working Frequencies

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2402 MHz	02	2403 MHz	03	2404 MHz
04	2405 MHz	05	2406 MHz	06	2407 MHz
07	2408 MHz	08	2409 MHz	09	2410 MHz
10	2411 MHz	11	2412 MHz	12	2413 MHz
13	2414 MHz	14	2415 MHz	15	2416 MHz
16	2417 MHz	17	2418 MHz	18	2419 MHz
19	2420 MHz	20	2421 MHz	21	2422 MHz
22	2423 MHz	23	2424 MHz	24	2425 MHz
25	2426 MHz	26	2427 MHz	27	2428 MHz
28	2429 MHz	29	2430 MHz	30	2431 MHz
31	2432 MHz	32	2433 MHz	33	2434 MHz
34	2435 MHz	35	2436 MHz	36	2437 MHz
37	2438 MHz	38	2439 MHz	39	2440 MHz
40	2441 MHz	41	2442 MHz	42	2443 MHz
43	2444 MHz	44	2445 MHz	45	2446 MHz
46	2447 MHz	47	2448 MHz	48	2449 MHz
49	2450 MHz	50	2451 MHz	51	2452 MHz
52	2453 MHz	53	2454 MHz	54	2455 MHz
55	2456 MHz	56	2457 MHz	57	2458 MHz
58	2459 MHz	59	2460 MHz	60	2461 MHz
61	2462 MHz	62	2463 MHz	63	2464 MHz
64	2465 MHz	65	2466 MHz	66	2467 MHz
67	2468 MHz	68	2469 MHz	69	2470 MHz
70	2471 MHz	71	2472 MHz	72	2473 MHz
73	2474 MHz	74	2475 MHz	75	2476 MHz
76	2477 MHz	77	2478 MHz	78	2479 MHz
79	2480 MHz	--	--	--	--

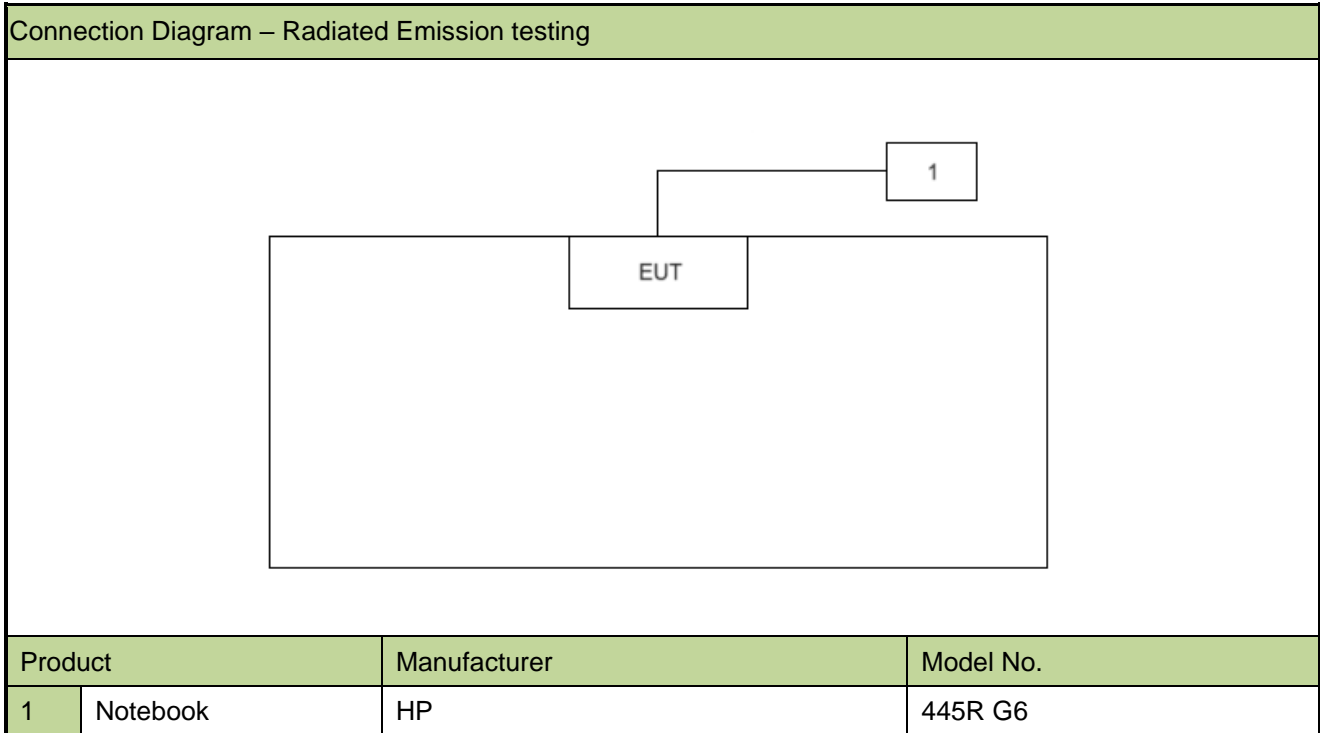
1.7. Antenna Details

Antenna Type	Frequency Band (GHz)	Tx Paths	Max Antenna Gain (dBi)
Bluetooth Antenna			
Onboard PCB Antenna	2402 ~ 2480	1	-1.26
2.4GHz SRD Antenna			
Onboard PCB Antenna	2402 ~ 2480	1	2.88

2. Test Configuration

2.1. Test System Connection Diagram

This device was tested per the guidance ANSI C63.10:2013 was used to reference the appropriate EUT setup for radiated emissions testing.



2.2. Test Software

The test utility software used during testing was “fcc_test_tool.exe”, and the version was “v2.2”.

2.3. Applied Standards

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

- FCC Part 15.249
- ANSI C63.10-2013

2.4. 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:

This unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06598	1 year	2023-11-05	SIP-AC2
Preamplifier	EMCI	EMC051845SE	MRTSUE06601	1 year	2023-11-22	SIP-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2023-10-10	SIP-AC2
				1 year	2024-10-09	SIP-AC2
Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2023-11-07	SIP-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2024-05-23	SIP-AC2
Thermohygrometer	testo	608-H1	MRTSUE06622	1 year	2023-11-27	SIP-AC2
Thermohygrometer	testo	608-H1	MRTSUE06624	1 year	2023-11-27	SIP-AC2
Preamplifier	EMCI	EMC001330	MRTSUE06643	1 year	2024-01-12	SIP-AC2
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06647	1 year	2024-06-17	SIP-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06648	1 year	2023-10-22	SIP-AC2
Anechoic Chamber	RIKEN	SIP-AC2	MRTSUE06781	1 year	2023-12-22	SIP-AC2
Loop Antenna	Schwarzbeck	FMZB 1519 B	MRTSUE06937	1 year	2024-02-26	SIP-AC2

Software	Version	Function
EMI V3	V 3.0.0	EMI Test Software
Controller_MF 7802BS	1.02	RE Antenna & turntable

5. 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
The maximum measurement uncertainty is evaluated as: Coaxial: 9kHz~30MHz: 2.59dB Coplanar: 9kHz~30MHz: 2.60dB Horizontal: 30MHz~200MHz: 3.85dB 200MHz~1GHz: 4.36dB 1GHz~40GHz: 4.98dB Vertical: 30MHz~200MHz: 4.06dB 200MHz~1GHz: 5.28dB 1GHz~40GHz: 4.91dB
Occupied Bandwidth Measurement
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.2%

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.215(c)	20dB Bandwidth	Radiated	Pass
15.249; 15.209	Radiated Emission		Pass
15.207	AC Conducted Emissions 150kHz - 30MHz	Line Conducted	N/A

Notes:

1. The radiation measurements are performed in X, Y, Z axis positioning. The test results shown in the following sections represent the worst-case emissions.
2. 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.
3. "N/A" means that this item is not applicable, and the detail information refer to relevant section.

6.2. 20dB Bandwidth Measurement

6.2.1. Test Limit

20 dB bandwidth of the emission is contained within the 2400 ~ 2483.5MHz.

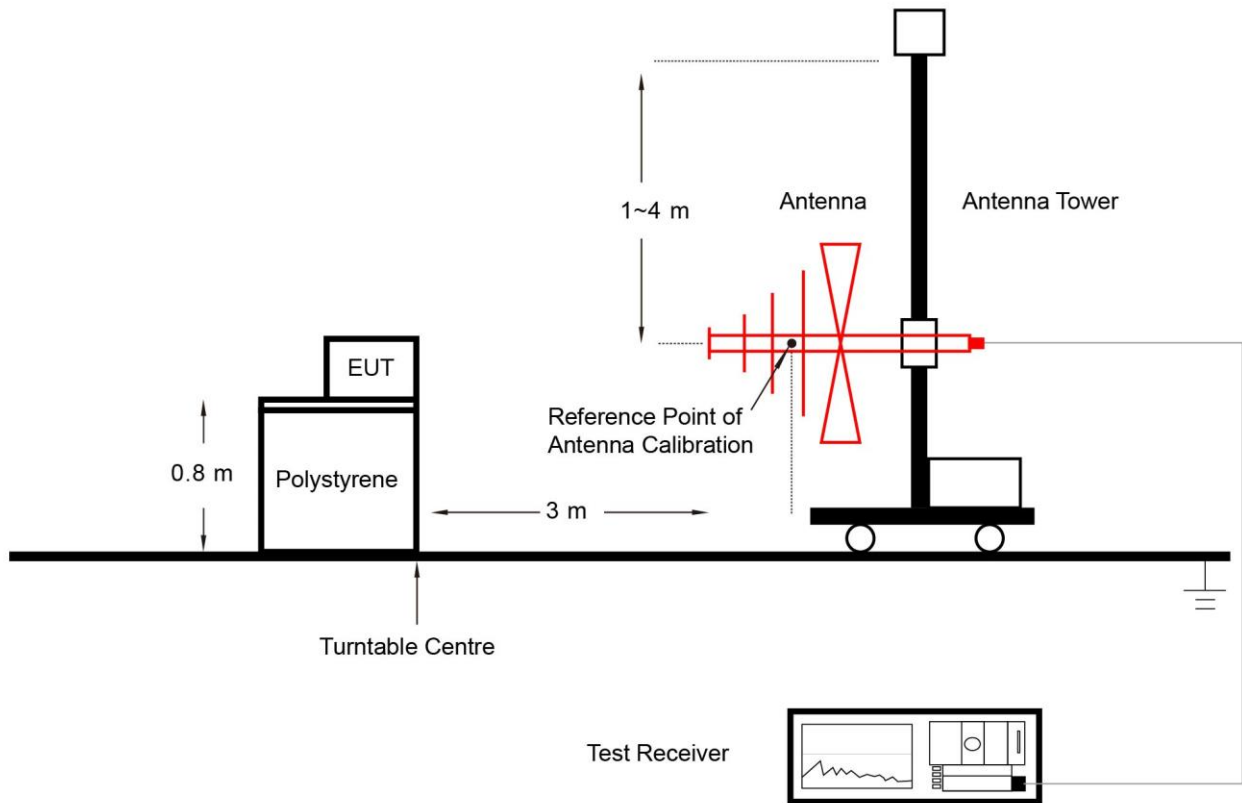
6.2.2. Test Procedure

ANSI C63.10 - 2013 - Section 6.9.2

6.2.3. Test Setting

1. The Spectrum's automatic bandwidth measurement capability was used to perform the 20dB bandwidth measurement. The "X" dB bandwidth parameter was set to $X = 20$
2. Set RBW = 1% to 5% of the OBW
3. VBW = Approximately three 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.1.

6.3. Radiated Emission Measurement

6.3.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.249		
Fundamental Frequency (MHz)	Field Strength of Fundamental (mV/m)	Field Strength of Harmonics (μ V/m)
902 ~ 908	50	500
2400 ~ 2483.5	50	500
5725 ~ 5875	50	500
24000 ~ 24250	250	2500

Note: FCC Part 15.249 (d), 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 §15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [μ V/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

6.3.2. Test Procedure

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)

6.3.3. 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 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 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)

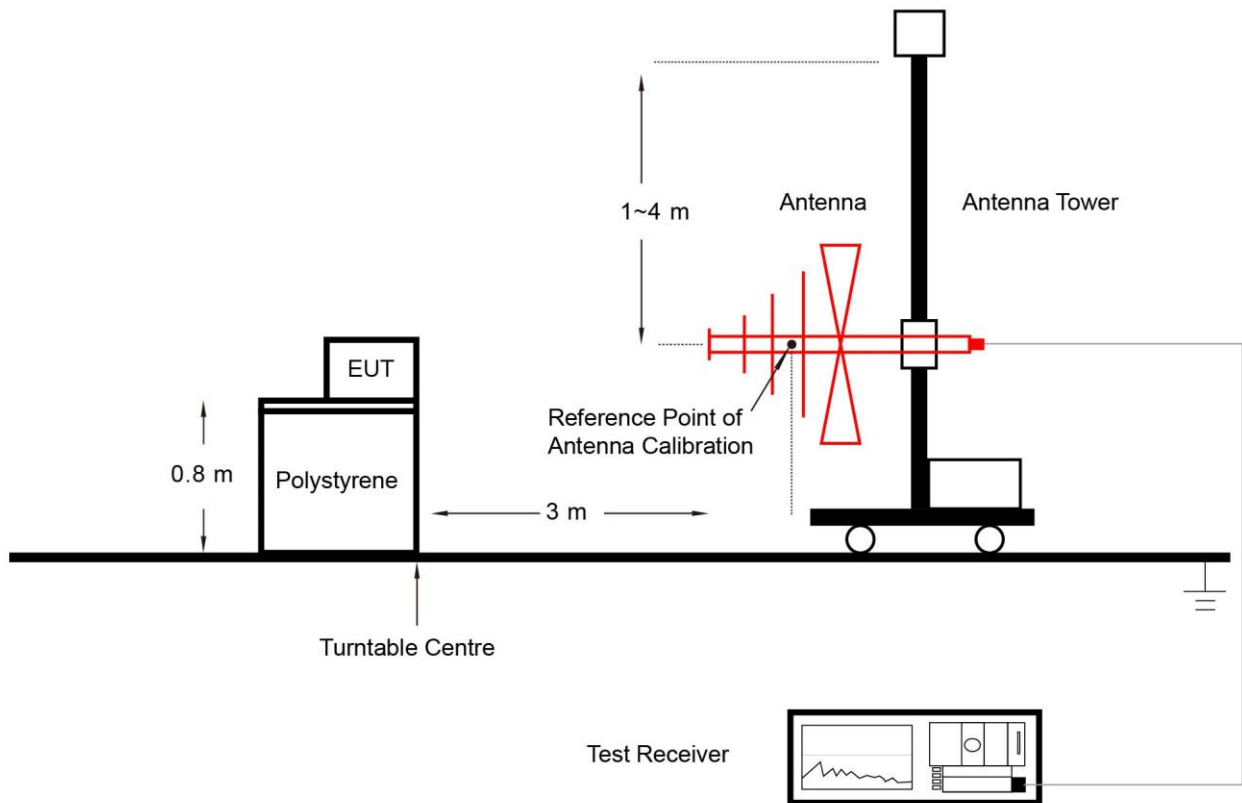
1. Analyzer center frequency was set to the frequency of the radiated emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.

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

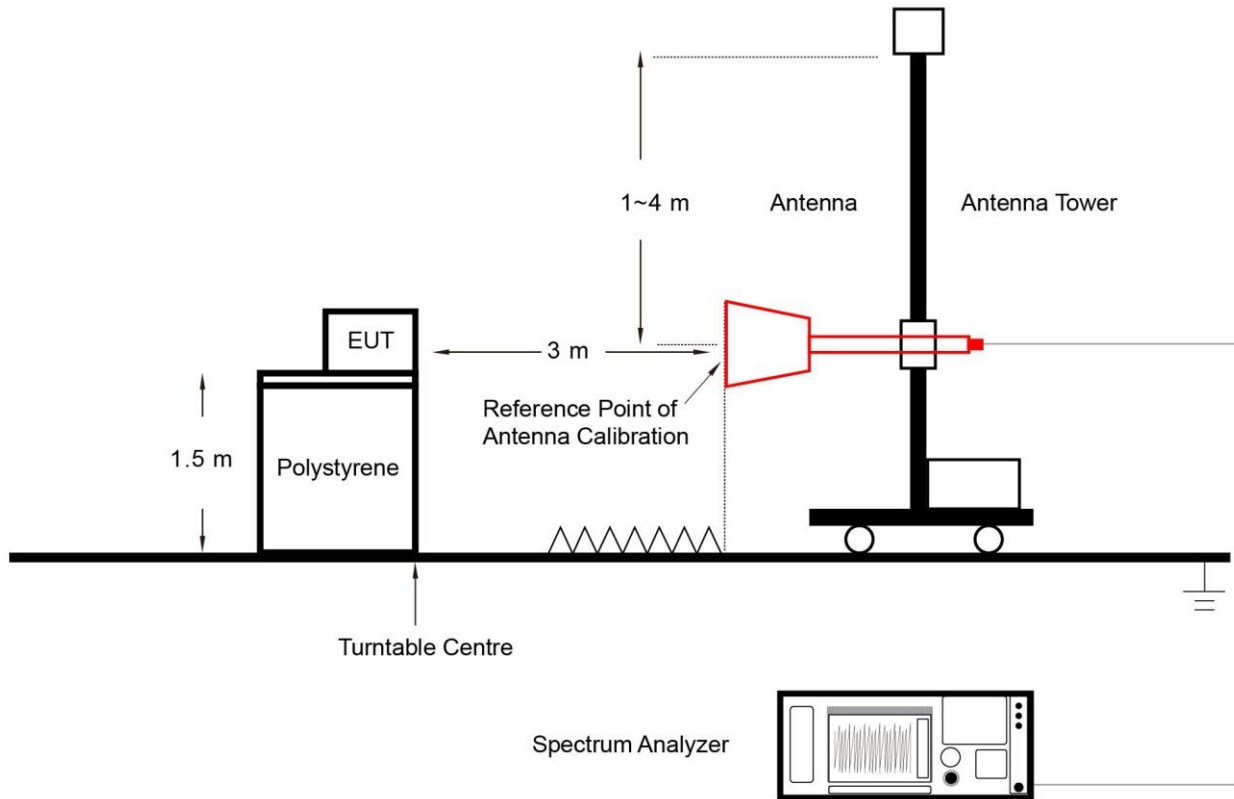
- 4. Detector = Peak
- 5. Sweep time = auto
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

6.3.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.3.5. Test Result

Refer to Appendix A.2.

6.4. AC Conducted Emissions Measurement

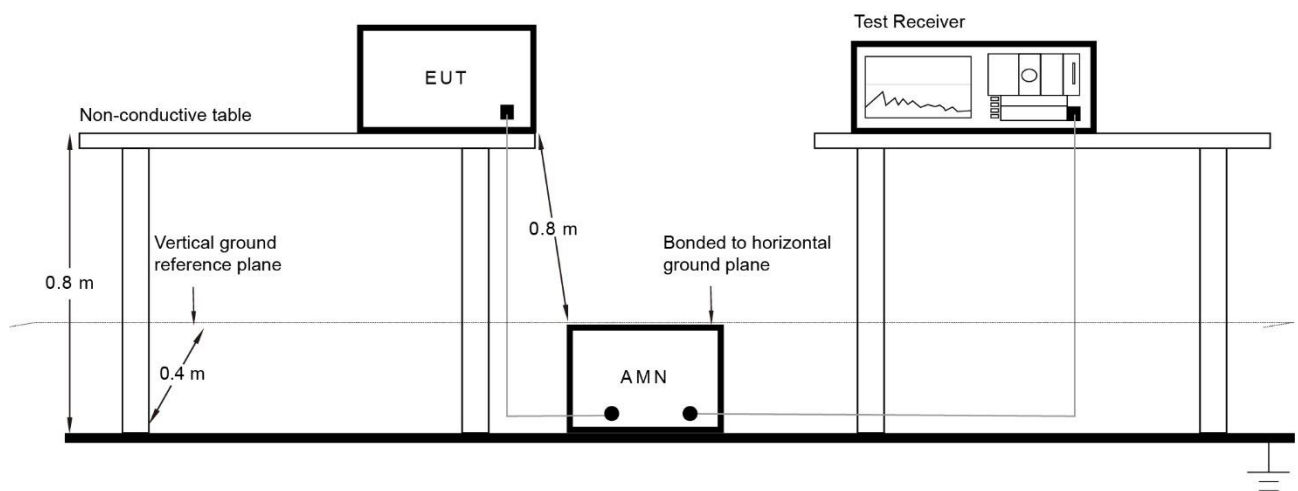
6.4.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
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.

6.4.2. Test Setup



6.4.3. Test Result

The EUT is powered by battery, so this item is not applicable.

Appendix A - Test Result

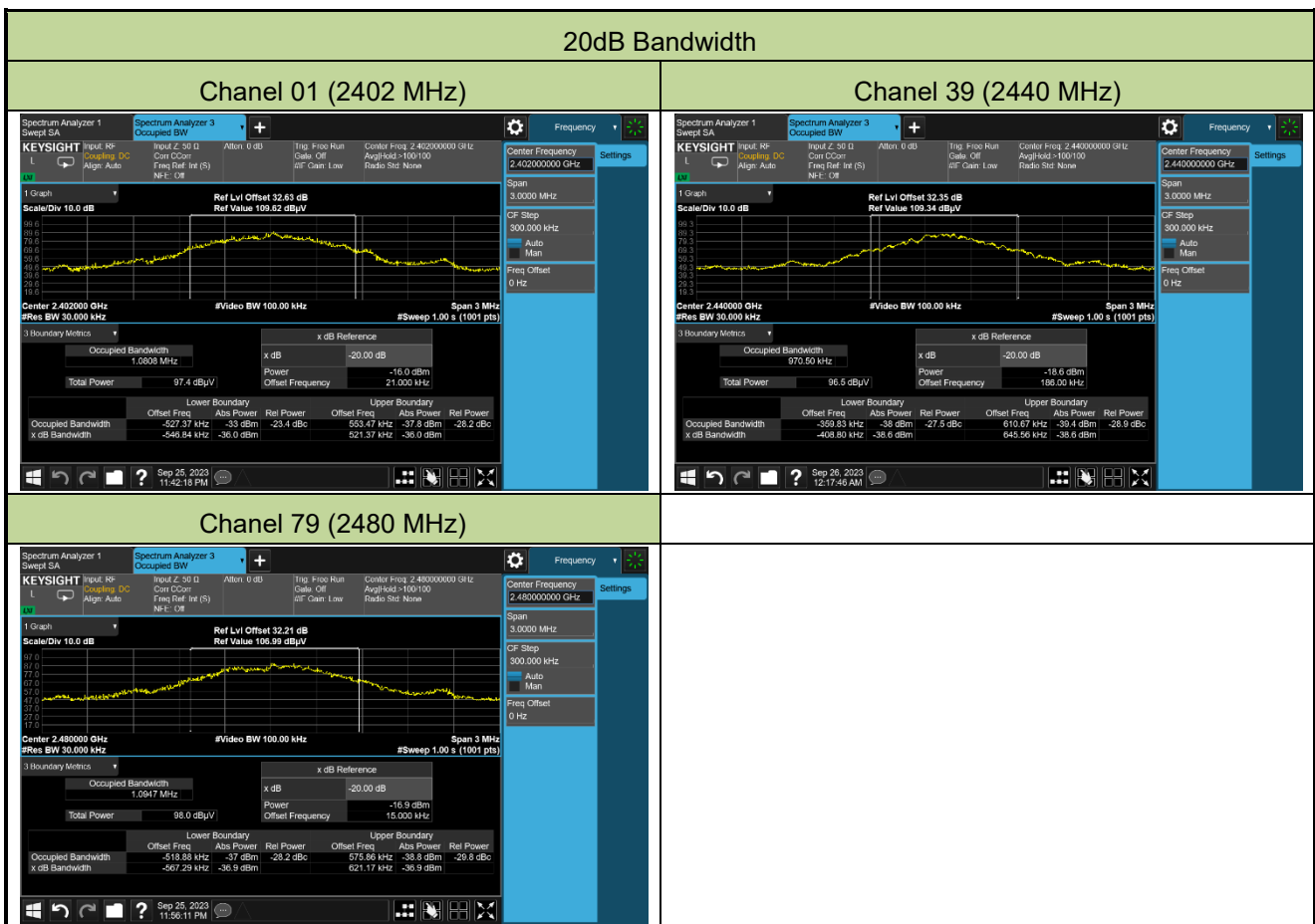
A.1 20dB Bandwidth Test Result

Test Site	SIP-AC2	Test Engineer	Arvin Ding
Test Date	2023-09-25 ~ 2023-09-26		

Frequency (MHz)	20dB Bandwidth (MHz)	F _L (MHz)	F _H (MHz)	Result
2402	1.06821	2401.45316	2402.52137	Pass
2440	1.05436	2439.59120	2440.64556	Pass
2480	1.18846	2479.43271	2480.62117	Pass

Note: F_L = Center Frequency (MHz) + Lower Boundary Offset Frequency (MHz)

F_H = Center Frequency (MHz) + Upper Boundary Offset Frequency (MHz)



A.2 Radiated Emission Test Result

Test Site	SIP-AC2	Test Engineer	Arvin Ding
Test Date	2023-09-25 ~ 2023-10-12		
Remark:	Fundamental Radiated Emission		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
2402	60.6	32.3	92.9	114.0	-21.1	Peak	Horizontal
	32.6	32.3	64.9	94.0	-29.1	Average	Horizontal
	65.9	32.3	98.2	114.0	-15.8	Peak	Vertical
	37.4	32.3	69.7	94.0	-24.3	Average	Vertical
2440	55.1	32.4	87.5	114.0	-26.5	Peak	Horizontal
	78.9	-13.6	65.3	94.0	-28.7	Average	Horizontal
	60.3	32.4	92.7	114.0	-21.3	Peak	Vertical
	87.9	-13.6	74.3	94.0	-19.7	Average	Vertical
2480	60.8	32.2	93.0	114.0	-21.0	Peak	Horizontal
	39.3	32.2	71.5	94.0	-22.5	Average	Horizontal
	64.4	32.2	96.6	114.0	-17.4	Peak	Vertical
	40.2	32.2	72.4	94.0	-21.6	Average	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

For 2440MHz, Average Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC2	Test Engineer	Arvin Ding
Test Date	2023-09-25	Test Mode	GFSK
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	3201.5	62.8	-11.6	51.2	74.0	-22.8	Peak	Horizontal
	3201.5	58.6	-11.6	47.0	54.0	-7.0	Average	Horizontal
	3380.0	62.0	-11.7	50.3	74.0	-23.7	Peak	Horizontal
	3380.0	35.3	-11.7	23.6	54.0	-30.4	Average	Horizontal
	18000.0	36.9	20.4	57.3	74.0	-16.7	Peak	Horizontal
	18000.0	24.6	20.4	45.0	54.0	-9.0	Average	Horizontal
	3201.5	68.1	-11.6	56.5	74.0	-17.5	Peak	Vertical
	3201.5	58.9	-11.6	47.3	54.0	-6.7	Average	Vertical
	14557.5	38.1	11.6	49.7	74.0	-24.3	Peak	Vertical
	18000.0	36.6	20.4	57.0	74.0	-17.0	Peak	Vertical
	18000.0	24.9	20.4	45.3	54.0	-8.7	Average	Vertical
19	3252.5	66.7	-11.6	55.1	74.0	-18.9	Peak	Horizontal
	3252.5	56.5	-11.6	44.9	54.0	-9.1	Average	Horizontal
	14549.0	38.1	11.5	49.6	74.0	-24.4	Peak	Horizontal
	17940.5	36.9	19.8	56.7	74.0	-17.3	Peak	Horizontal
	17940.5	24.0	19.8	43.8	54.0	-10.2	Average	Horizontal
	3252.5	69.3	-11.6	57.7	74.0	-16.3	Peak	Vertical
	3252.5	62.2	-11.6	50.6	54.0	-3.4	Average	Vertical
	14557.5	37.9	11.6	49.5	74.0	-24.5	Peak	Vertical
	18000.0	36.4	20.4	56.8	74.0	-17.2	Peak	Vertical
	18000.0	24.0	20.4	44.4	54.0	-9.6	Average	Vertical
39	3303.5	63.2	-11.8	51.4	74.0	-22.6	Peak	Horizontal
	3303.5	55.7	-11.8	43.9	54.0	-10.1	Average	Horizontal
	7443.0	47.2	2.2	49.4	74.0	-24.6	Peak	Horizontal
	7443.0	34.8	2.2	37.0	54.0	-17.0	Average	Horizontal
	18000.0	37.2	20.4	57.6	74.0	-16.4	Peak	Horizontal
	18000.0	24.7	20.4	45.1	54.0	-8.9	Average	Horizontal
	3303.5	68.0	-11.8	56.2	74.0	-17.8	Peak	Vertical

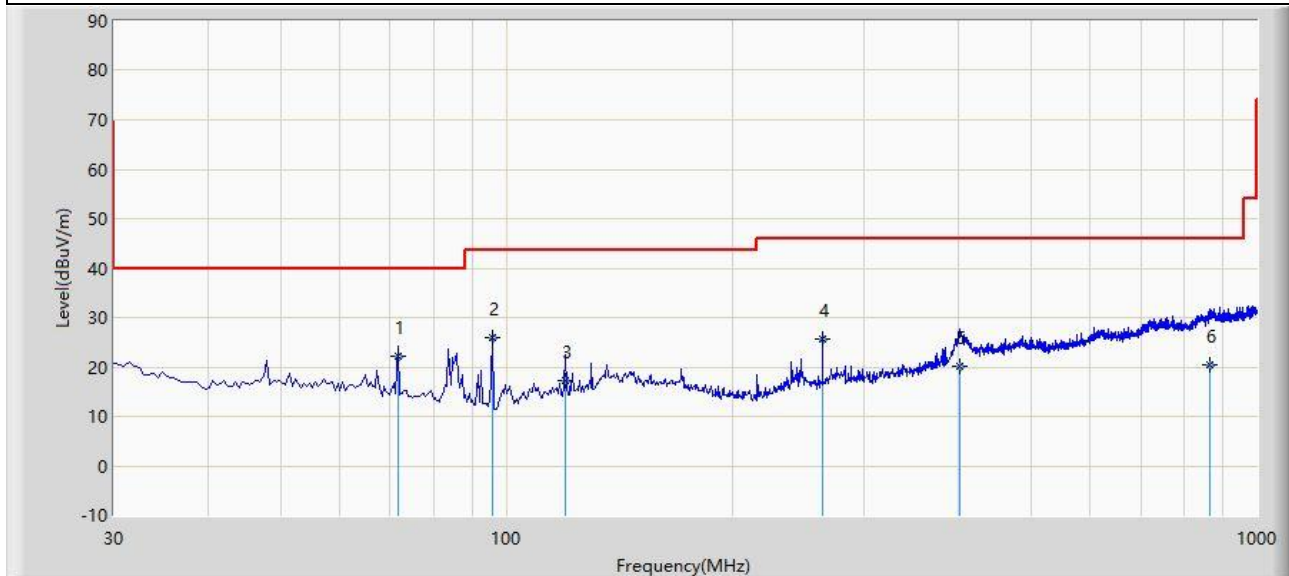
	3303.5	62.8	-11.8	51.0	54.0	-3.0	Average	Vertical
	14710.5	38.5	12.0	50.5	74.0	-23.5	Peak	Vertical
	18000.0	36.5	20.4	56.9	74.0	-17.1	Peak	Vertical
	18000.0	24.0	20.4	44.4	54.0	-9.6	Average	Vertical

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

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

The Worst Result of Radiated Emission below 1GHz:

Site: SIP-AC2	Test Date: 2023-09-27
Limit: FCC_Part15.249_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00998_25-2000MHz	Polarity: Horizontal
EUT: Segway Gokart Game Kit	Power: By Computer

Test Mode: Transmit by SRD at 2480MHz


No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		71.710	22.200	6.300	-17.800	40.000	15.900	QP
2	*	95.982	25.822	12.800	-17.678	43.500	13.022	QP
3		120.002	17.208	1.300	-26.292	43.500	15.908	QP
4		263.770	25.582	8.200	-20.418	46.000	17.381	QP
5		402.584	20.192	-1.100	-25.808	46.000	21.293	QP
6		866.140	20.427	-9.800	-25.573	46.000	30.227	QP

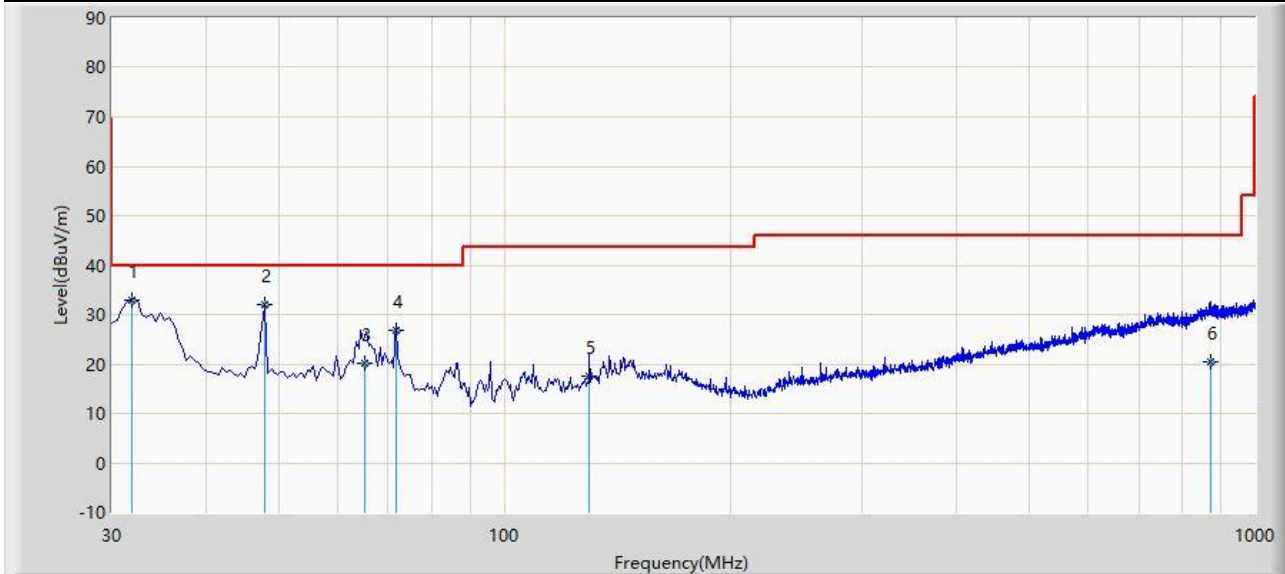
Note 1: " * ", means this data is the worst emission level.

 Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site: SIP-AC2	Test Date: 2023-09-27
Limit: FCC_Part15.249_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00998_25-2000MHz	Polarity: Vertical
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	31.940	32.903	16.000	-7.097	40.000	16.902	QP
2		47.945	31.969	13.500	-8.031	40.000	18.469	QP
3		65.032	20.157	3.200	-19.843	40.000	16.957	QP
4		71.710	26.900	11.000	-13.100	40.000	15.900	QP
5		129.954	17.532	0.600	-25.968	43.500	16.932	QP
6		872.236	20.469	-9.800	-25.531	46.000	30.270	QP

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

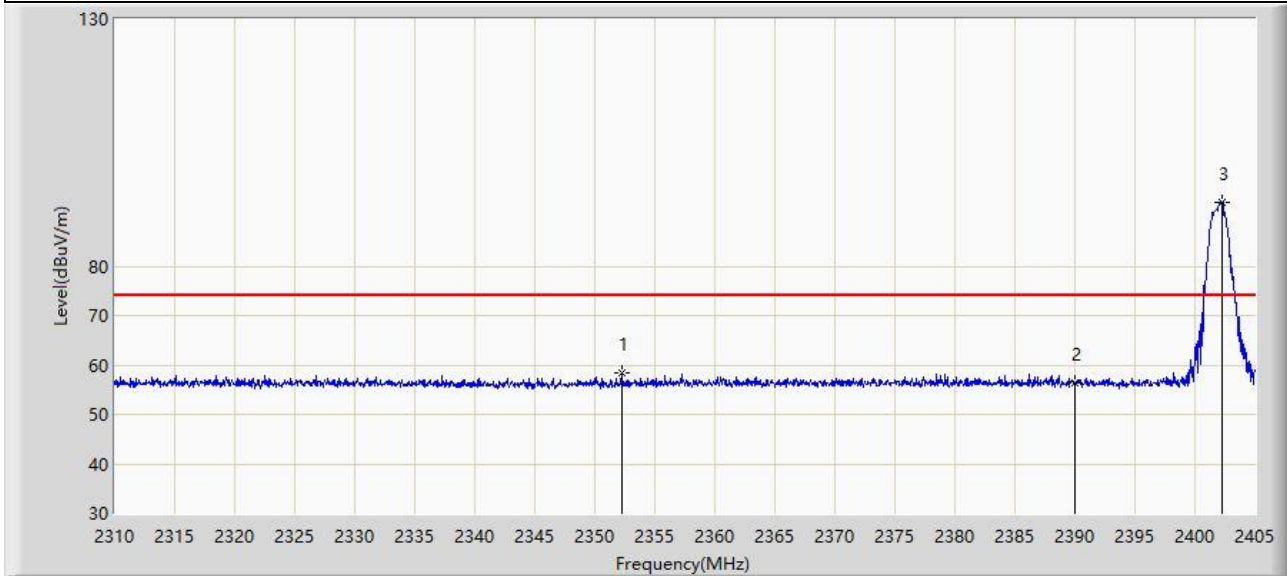
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) 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.

Radiated Restricted Band Edge Test Result

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2402MHz	



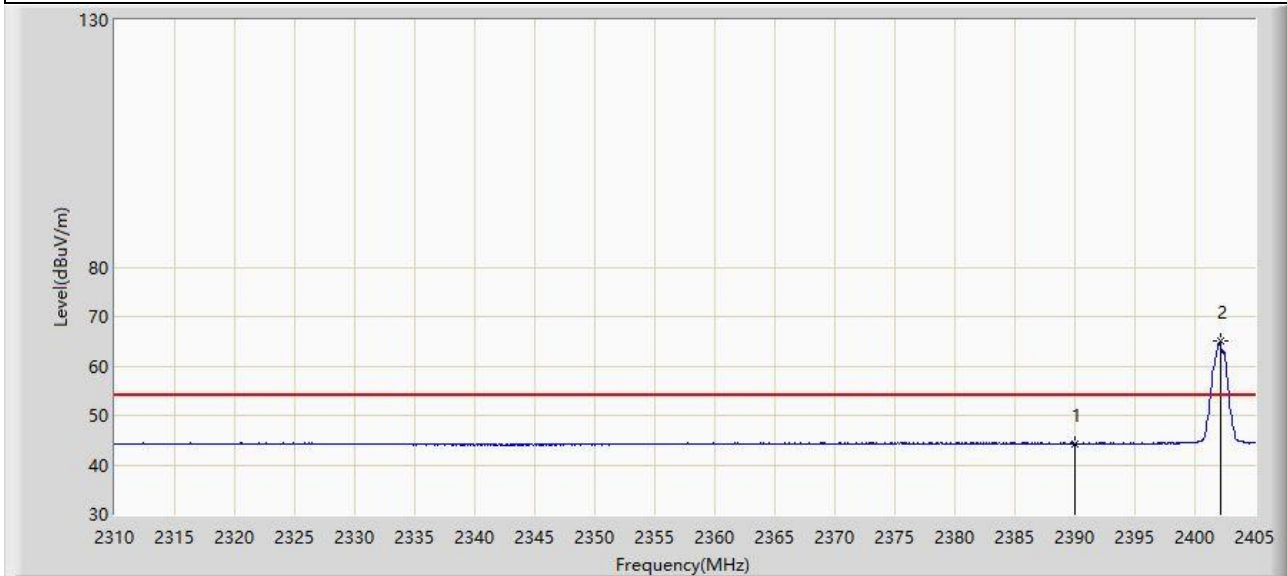
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2352.228	58.385	25.980	-15.615	74.000	32.405	PK
2		2390.000	56.335	23.952	-17.665	74.000	32.382	PK
3		2402.292	92.991	60.644	N/A	N/A	32.346	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2402MHz	



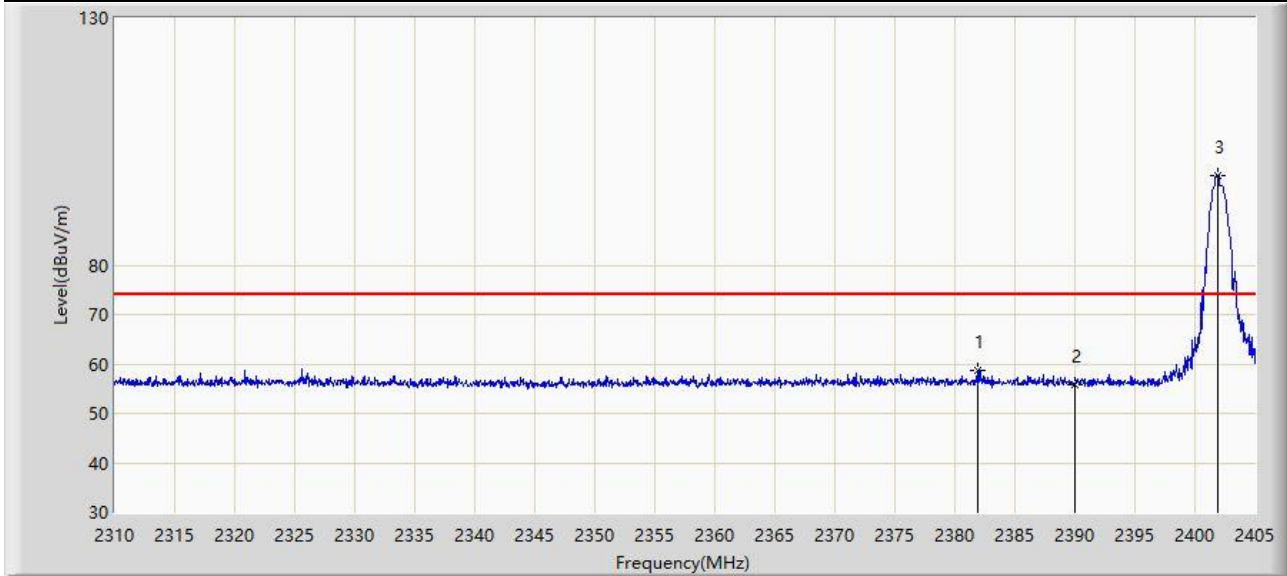
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	44.306	11.923	-9.694	54.000	32.382	AV
2		2402.150	64.992	32.645	N/A	N/A	32.347	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2402MHz	



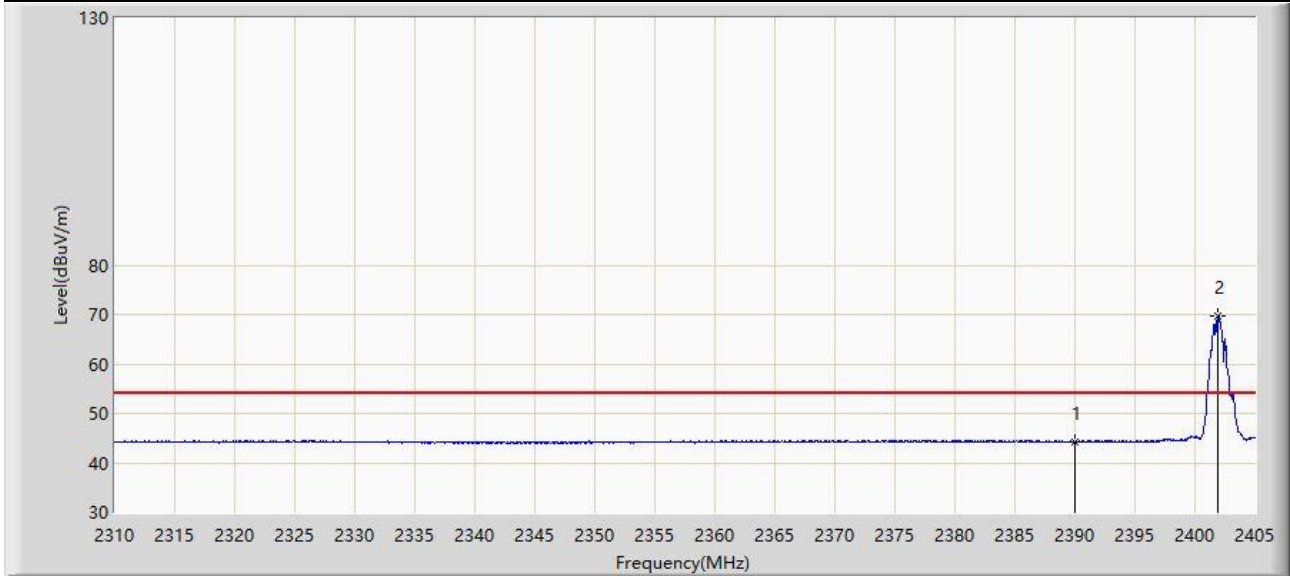
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.915	58.798	26.370	-15.202	74.000	32.429	PK
2		2390.000	55.859	23.476	-18.141	74.000	32.382	PK
3		2401.913	98.203	65.856	N/A	N/A	32.347	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2402MHz	



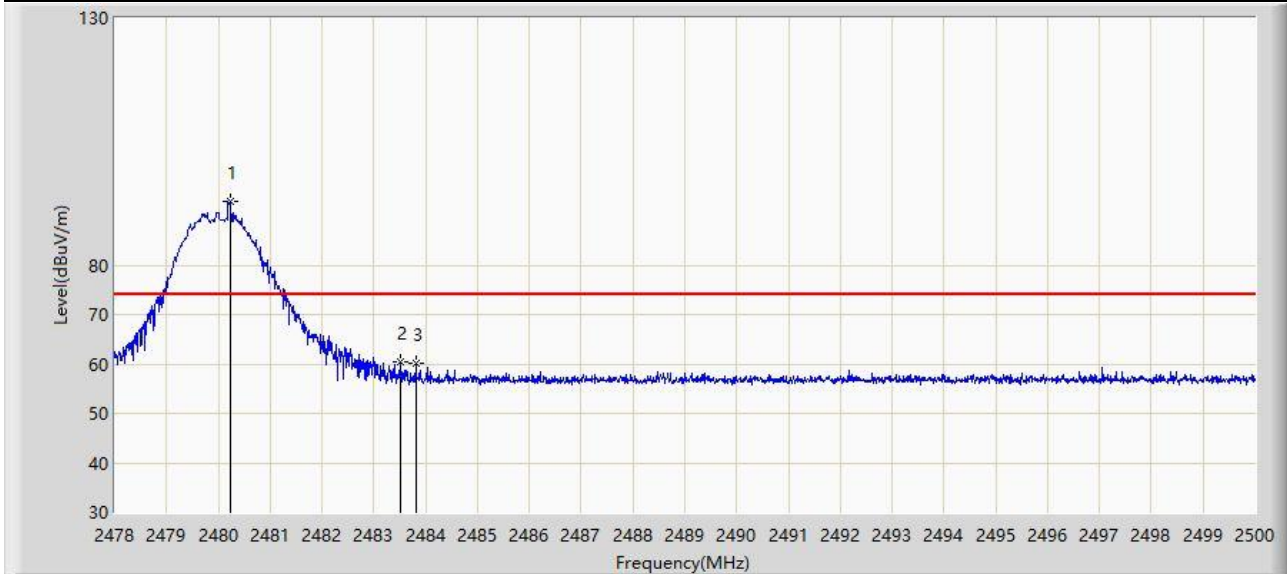
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	44.320	11.937	-9.680	54.000	32.382	AV
2		2401.913	69.742	37.395	N/A	N/A	32.347	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2480MHz	



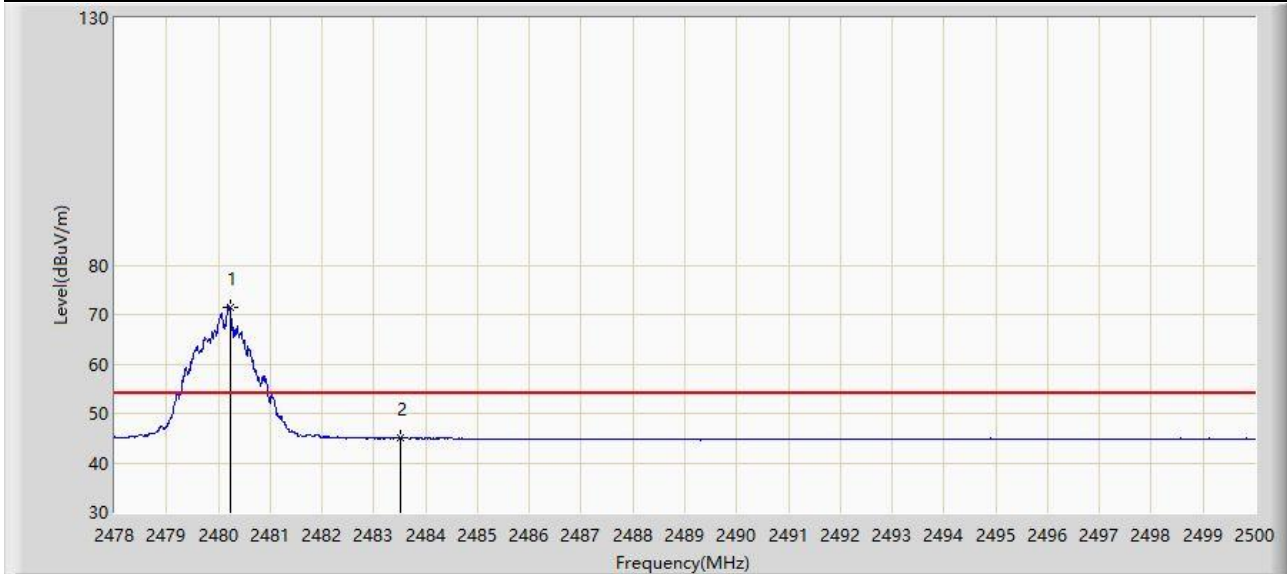
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.233	92.997	60.785	N/A	N/A	32.211	PK
2	*	2483.500	60.321	28.098	-13.679	74.000	32.222	PK
3		2483.808	60.056	27.832	-13.944	74.000	32.224	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2480MHz	



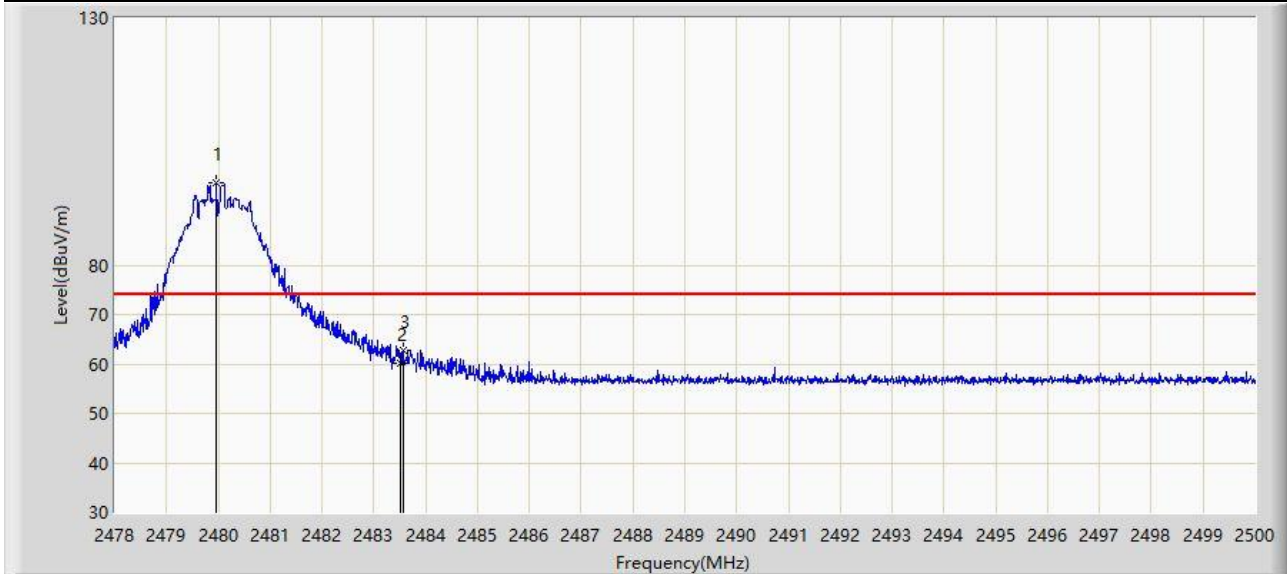
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.222	71.465	39.253	N/A	N/A	32.211	AV
2	*	2483.500	45.022	12.799	-8.978	54.000	32.222	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2480MHz	



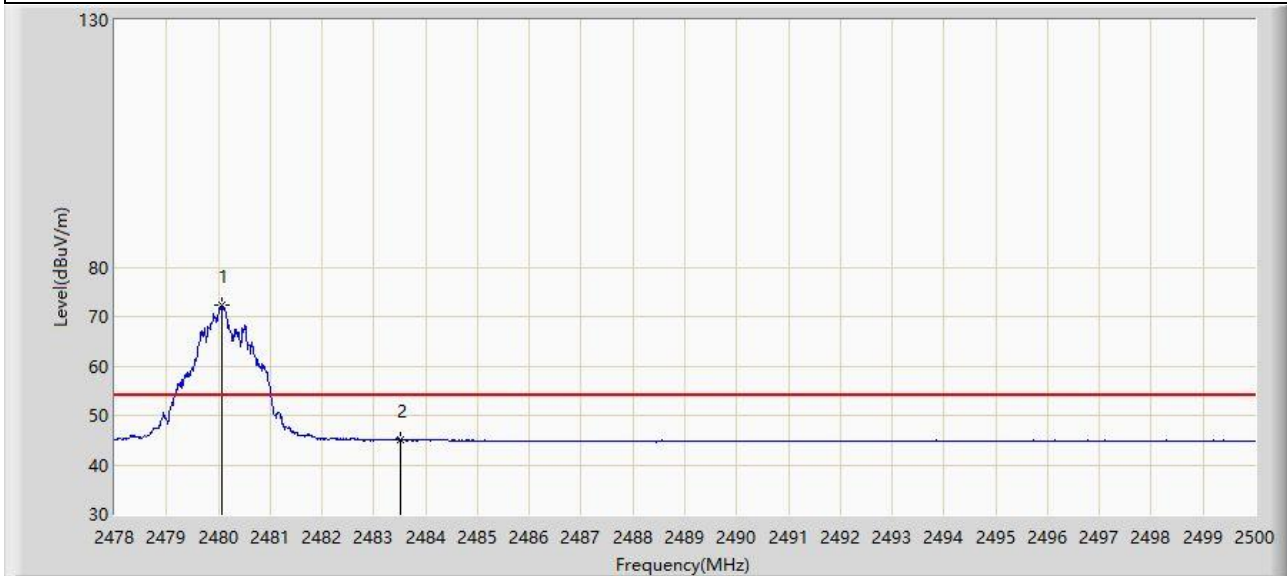
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.958	96.641	64.430	N/A	N/A	32.211	PK
2		2483.500	60.038	27.815	-13.962	74.000	32.222	PK
3	*	2483.566	62.675	30.452	-11.325	74.000	32.223	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2023-09-25
Limit: FCC_2.4G_RE(3m)	Engineer: Arvin Ding
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Segway Gokart Game Kit	Power: By Computer
Test Mode: Transmit by SRD at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.079	72.381	40.170	N/A	N/A	32.212	AV
2	*	2483.500	45.118	12.895	-8.882	54.000	32.222	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Appendix B - Test Setup Photograph

Refer to "2306RSU045-UT" file.

Appendix C - EUT Photograph

Refer to "2306RSU045-UE" file.