Report No.: JCF230725201-002

FCC CERTIFICATION TEST REPORT

Applicant:	SOUND AROUND INC.		
Address:	1600 63 RD STREET BROOKLYN,NEW YORK,USA		
Manufacturer:	Guangzhou Yuandong Smart Sports Technology Co, Ltd.		
Address:	No.192, Kezhu Road, Huangpu District, Guangzhou,China		
Product Description:	Travel Apollo Fitness Board		
Brand Name:	SQUATZ		
Tested Model:	SQUAPLLO-TRVOR		
FCC ID:	2A5X5-APTRVL22		
Report No.:	JCF230725201-002		
Received Date:	Jul. 25, 2023		
Tested Date:	Jul. 25, 2023 - Aug. 30, 2023		
Issued Date:	Aug. 31, 2023		
Test Standards:	FCC Rules and Regulations Part 15 Subpart C, .		
Test Procedure :	ANSI C63.10:2013		
Test Result:	Pass		
Prepared By:			
Roger Li			
Roger Li/Engineer	Date: Aug. 31, 2023		
Reviewed By:			
1 1	IS (JCOA) SI		
Kennys Zhang			
Kennys Zhang/Engineer	Date: At 31,*2022		
Approved By:			
Talent Theng			
Talent Zhang/Engineer	Date: Aug. 31, 2023		

Note: The test results in this report apply exclusively to the tested model / sample. Without written approval of Guangzhou Jingce Testing Technology Co., Ltd. the test report shall not be reproduced except in full.

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Aug. 31, 2023	Original Report	/

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1. Test Report Declare

Applicant:	SOUND AROUND INC.		
Address:	1600 63 RD STREET BROOKLYN,NEW YORK,USA		
Manufacturer:	Guangzhou Yuandong Smart Sports Technology Co, Ltd.		
Address:	No.192, Kezhu Road, Huangpu District, Guangzhou,China		
Product Name:	Travel Apollo Fitness Board		
Brand Name:	SQUATZ		
Model Name:	SQUAPLLO-TRVOR, SQUAPLLO-TRVBL, SQUAPLLO*******(* : 0~9, A~Z, "-", Blank)		
Difference Description:	All models are identical to each other except for model designation and market which does not affect the product RF function.		

We Declare:

The equipment described above is tested by Guangzhou Jingce Testing Technology Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangzhou Jingce Testing Technology Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

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2. Summary of Test Results

	Summary of Test Results			
Clause	Test Items	FCC/ISED Rules	Test Results	
1	6 dB Bandwidth and 99 % Occupied Bandwidth	FCC Part 15.247 (a) (2)	Pass	
2	Peak Conducted Output Power	FCC Part 15.247 (b) (3)	Pass	
3	Power Spectral Density	FCC Part 15.247 (e)	Pass	
4	Conducted Bandedge and Spurious Emission	FCC Part 15.247 (d)	Pass	
5	Radiated Bandedge and Spurious Emission	FCC Part 15.247 (d) FCC Part 15.209 FCC Part 15.205	Pass	
6	Conducted Emission Test For AC Power Port	FCC Part 15.207	Pass	
7	Antenna Requirement	FCC Part 15.203	Pass	

3. Test Laboratory

Guangzhou Jingce Testing Technology Co., Ltd.

Add.: No.192, Kezhu Road, Huangpu District, Guangzhou, Guangdong, China Association for Laboratory Accreditation(A2LA). Certificate Number: 6594.01 FCC Designation Number: CN1331. Test Firm Registration Number: 360543

IC Test Firm Registration Number: 28796

Conformity Assessment Body identifier: CN0138

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4. Equipment Under Test

4.1. Description of EUT

EUT Name:	Travel Apollo Fitness Board		
Model Number:	SQUAPLLO-TRVOR		
EUT Function Description:	Please reference user's manual		
Power Supply:	100-240V~ 50/60Hz 750W		
Hardware Version:	YD.ESP32.mix		
Software Version:	ESP32_RFTest_184_2021092		
Radio Specification:	Bluetooth V4.2		
Operation Frequency:	2402 MHz - 2480 MHz		
Modulation:	GFSK		
Data Rate:	1Mbps		
Antenna Type:	FPC Antenna, MAX. Gain: 2.71 dBi		

Note 1: EUT is the ab. of equipment under test.

4.2. Channel List

Channel	Frequency (MHz)	Channel	Frequency(MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	11	2424	22	2446	33	2468
1	2404	12	2426	23	2448	34	2470
2	2406	13	2428	24	2450	35	2472
3	2408	14	2430	25	2452	36	2474
4	2410	15	2432	26	2454	37	2476
5	2412	16	2434	27	2456	38	2478
6	2414	17	2436	28	2458	39	2480
7	2416	18	2438	29	2460	1	1
8	2418	19	2440	30	2462	1	1
9	2420	20	2442	31	2464	1	1
10	2422	21	2444	32	2468	1	/

4.3. Test Channel Configuration

4101 1001 Glialilloi Gollingaration				
Tested mode, channel, information				
Mode	Channel	Frequency (MHz)		
	LCH:CH0	2402		
GFSK	MCH:CH19	2440		
	HCH:CH39	2480		

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Note 2: The antenna gain is declared by the customer and the laboratory is not responsible for the accuracy of the antenna gain.

4.4. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

2 aming the medean ement the eministration contains the medean contains and make the medean contains and the median contains a		
Temperature range:	21-25 ℃	
Humidity range:	40-75%	
Pressure range:	86-106 kPa	

4.5. The Worse Case Power Setting Parameter

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band					
Test Software EspRFTestTool_v2.8_Manual			nual		
Modulation Type	Transmit Antenna	Test Software Setting Value			
Woodilation Type	Number	CH 00	CH 39	CH 78	
GFSK	1	3	3	2	

4.6. Description of Available Antennas

Test Mode	Transmit and Receive Mode	Description
GFSK	⊠1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.

5. Description of Test Setup

5.1. Accessory

Description of Accessories	Manufacturer	Model Number	Description	Remark
N/A	N/A	N/A	N/A	N/A

5.2. Support Equipment

Equipment	Brand Name	Model Name	P/N
PC	Lenovo	T480	1

5.3. Test Setup

The EUT can work in engineering mode.

5.4. Setup Diagram for Tests



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6. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
AC Power Conduction emission	1.37 dB
All Radiated emissions	5.4dB
Conducted emissions	3.09 dB
Occupied Channel Bandwidth	1.1%
Conducted Output power	0.82dB
Power Spectral Density	0.82dB

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

7. Measuring Instrument and Software Used

	TS Test System							
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date		
Ø	Spectrum Analyzer	Keysight	N9030B	MY5632051 2	Jul. 10, 2023	Jul. 09, 2024		
Ø	Vector Signal Generator	Keysight	N5182B	MY5730033 4	Nov. 24, 2022	Nov. 23, 2023		
Ø	Signal Generator	Keysight	N5171B	MY5728063 9	Nov. 24, 2022	Nov. 23, 2023		
Ø	DC POWER	Keysight	E342A	MY5902035 6	Jul. 14, 2023	Jul. 13, 2024		
\square	Incubator thermometer	GWS	EL-02JA	21107288	Nov. 03, 2022	Nov. 02, 2023		
Ø	Control unit(Power sensor)	Tonscend	JS0806-2	1	Jul. 10, 2023	Jul. 09, 2024		
Ø	Wideband radio communication tester	R&S	CMW500	163478	Jul. 11, 2023	Jul. 10, 2024		
Ø	Spectrum Analyzer	Keysight	N9020B	MY6011220 6	Nov. 24, 2022	Nov. 23, 2023		
Ø	Control unit(Power sensor)	Tonscend	JS0806-2	21H806046 5	Nov. 25, 2022	Nov. 24, 2023		
			Software					
Used	Description	Manufacturer	Name		Version			
Ø	Test software	TS+	JS112	0-3	V3.	3.10		
			RSE Test Syste	m				
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date		
Ø	EMI Receiver	R&S	ESW	101685	Jul. 12, 2023	Jul. 11, 2024		
Ø	Bilog Antenna	Schwarzbeck	VULB 9163	01416	Mar. 21, 2023	Mar. 20, 2024		
Ø	Horn Antenna 1	Schwarzbeck	BBHA 9120 D	01673	Nov. 23, 2022	Nov. 22, 2023		
Ø	Horn Antenna 2	ETS	3116C	00217677	Sep. 19, 2022	Sep. 18, 2023		
Ø	Signal Pre- Amplifier	Tonscend	TAP01018050	AP21C8061 22	Jul. 10, 2023	Jul. 09, 2024		

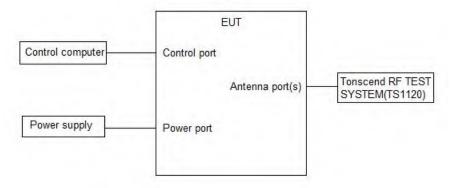
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Ø	Signal Pre- Amplifier	Tonscend	TAP9K3G32	AP20K8061 04	Jul. 10, 2023	Jul. 09, 2024		
☑	Signal Pre- Amplifier	ETS	3116C-PA	00217677	Sep. 02, 2022	Sep. 01, 2023		
Ø	3m Fully- anechoic Chamber	ETS	RFD-100	1	Apr. 24, 2021	Apr. 23, 2024		
			Software					
Used	Description	Manufacturer	Nam	ne	Ver	sion		
Ø	Test software	TS+	TS-	+	V3.0.0.4			
	Conducted Emission Test For AC Power Port							
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date		
Ø	LISN	R&S	ENV216	102154	Jul. 10, 2023	Jul. 09, 2024		
Ø	EMI Receiver	R&S	ESR3	102509	Jul. 12, 2023	Jul. 11, 2024		
			Software					
Used	Description	Manufacturer	Nam	ne	Ver	sion		
Ø	Test software	EZ	EZ-EI	MC	EME	C-3A1		
	Other Instrument							
Used	Equipment	Manufacturer	Model No.	Model No. Serial No. Last Cal.		Due. Date		
Ø	Temperature & Humidity	Temperature	HTC-1	/	Nov. 25, 2022	Nov. 24, 2023		

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8. On Time and Duty Cycle

8.1. Block diagram of test setup



8.2. Limits

None; for reporting purposes only

8.3. Procedure

KDB 558074 Zero-Span Spectrum Analyzer Method

8.4. Results

Test Mode	Ant.	Freq. [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
		2402	2.09	2.50	83.60	0.78
BLE_1M	Ant1	2440	2.09	2.50	83.60	0.78
		2480	2.09	2.50	83.60	0.78

Note: Duty Cycle Correction Factor = $10\log(1/x)$.

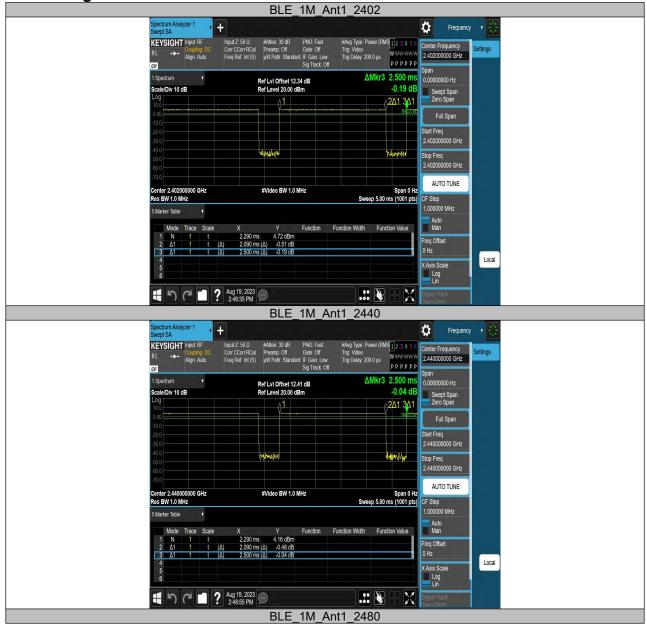
Where: x is Duty Cycle(Linear)

Where: T is On Time (transmit duration)

If that calculated VBW is not available on the analyzer, then the next higher value should be used.

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8.5. Original test data



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9. 6 dB DTS Bandwidth

9.1. Block diagram of test setup

Same as section 8.1

9.2. Limits

CFR 47FCC Part15 (15.247) Subpart C					
Section	Test Item	Limit	Frequency Range (MHz)		
CFR 47 FCC 15.247(a)(2)	6 dB Bandwidth	>= 500 kHz	2400-2483.5		

9.3. Test Procedure

Connect the UUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth :100 kHz
VBW	For 6 dB Bandwidth : ≥3 × RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB/99 % relative to the maximum level measured in the fundamental emission.

9.4. Results

Test Mode	Ant.	Freq. [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
		2402	0.652	2401.632	2402.284	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.628	2440.284	0.5	PASS
		2480	0.700	2479.600	2480.300	0.5	PASS

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9.5. Original test data

6 dB bandwidth:



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10. Peak Conducted Output Power

10.1. Block diagram of test setup

Same as section 8.1

10.2. Limits

CF	FR 47 FCC Part15 (15	.247) Subpart C	
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3)	Peak Output Power	1 watt or 30 dBm	2400 - 2483.5

10.3. Test Procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) Measure the maximum output power of EUT by spectrum analyzer with PK detector and RBW=2 MHz (above 20 dB bandwidth of measured signal), VBW=6 MHz

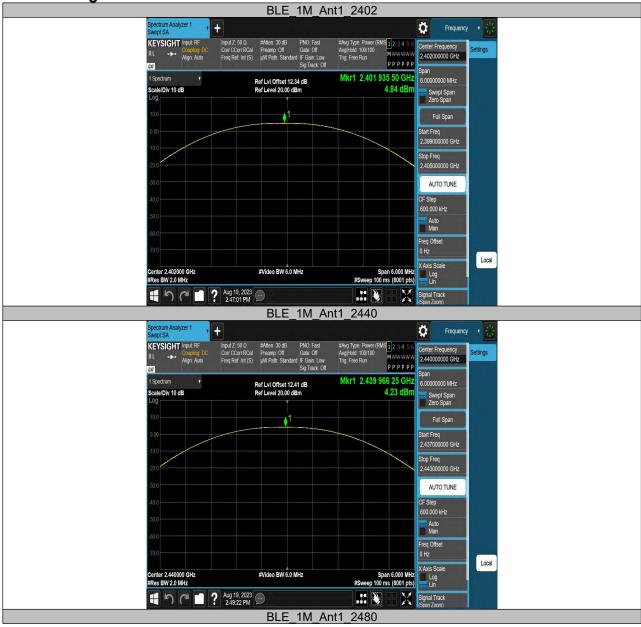
Note: The attenuator loss was inputted into spectrum analyzer as amplitude offset.

10.4. Results

Test Mode	Ant.	Freq [MHz]	Conducted Peak Powert [dBm]	Conducted Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
		2402	4.84	≤30	7.55	≤36	PASS
BLE_1M	Ant1	2440	4.23	≤30	6.94	≤36	PASS
		2480	4.66	≤30	7.37	≤36	PASS

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10.5. Original test data



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11. Power Spectral Density

11.1. Block diagram of test setup

Same as section 8.1

11.2. Limits

CFR 47 FCC Part15 (15.247) Subpart C						
Section	Test Item	Limit	Frequency Range (MHz)			
CFR 47 FCC §15.247 (e)	Power Spectral Density	8 dBm in any 3 kHz band	2400 - 2483.5			

11.3. Test Procedure

Connect the UUT to the spectrum analyzer and use the following settings:

Center Frequency	he center frequency of the channel under test		
Detector	Peak		
RBW	3 kHz ≤ RBW ≤ 100 kHz		
VBW	≥3 × RBW		
Span 1.5 x DTS bandwidth			
Trace Max hold			
Sweep time	Auto couple.		

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

11.4. Results

Test Mode	Ant.	Freq. [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
	LE_1M Ant1	2402	-11.7	≤8.00	PASS
BLE_1M		2440	-12.37	≤8.00	PASS
_		2480	-11.77	≤8.00	PASS

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11.5. Original test data



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12. Conducted Bandedge and Spurious Emissions

12.1. Block diagram of test setup

Same as section 8.1

12.2. **Limits**

CFR 47 FCC Part15 (15.247) Subpart C				
Section Test Item Limit				
CFR 47 FCC §15.247 (d)	Conducted Band edge and Spurious Emissions	at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power		

12.3. Test Procedure

Center Frequency	The center frequency of the channel under test	
Detector	Peak	
RBW	100 kHz	
VBW	≥ 3 × RBW	
Span	≥ 1.5 x DTS bandwidth	
Trace	Max hold	
Sweep time	Auto couple	

Connect the UUT to the spectrum analyzer and use the following settings:

Use the peak marker function to determine the maximum peak power level to establish the reference level.

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100 kHz
VBW	≥ 3 × RBW
measurement points	≥ span/RBW
Trace	Max hold
Sweep time	Auto couple

Use the peak marker function to determine the maximum amplitude level.

12.4. Results

Band edge

Dana Ja	Bana bago						
Test Mode	Ant.	Ch Name	Freq. [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE 1M	/I Ant1	Low	2402	4.13	-46.81	≤-15.87	PASS
DLE_IIVI		High	2480	4.25	-47.96	≤-15.75	PASS

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Spurious Emissions

	Sparroad Emissions					1	
Test	Ant.	Freq.	Freq Range	Ref Level	Result	Limit	Verdict
Mode	Ant.	[MHz]	[MHz]	[dBm]	[dBm]	[dBm]	Verdict
		2402	30~1000	4.13	-59.91	≤-15.87	PASS
	A 44		1000~26500	4.13	-26.26	≤-15.87	PASS
		A = 14 0440	30~1000	3.68	-61.45	≤-16.32	PASS
BLE_1M Ant1	Anti	2440	1000~26500	3.68	-28.95	≤-16.32	PASS
		2400	30~1000	4.25	-61.22	≤-15.75	PASS
			2480	1000~26500	4.25	-28.88	≤-15.75

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12.5. Original test data

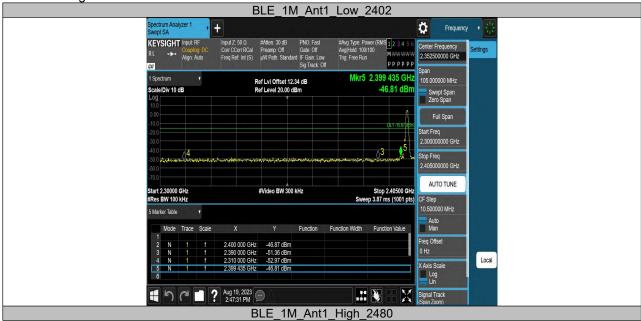
Reference level



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Band edge:

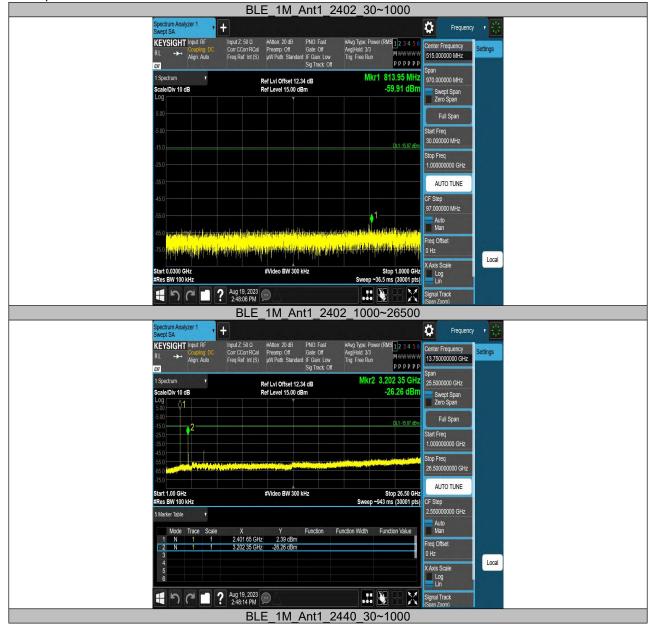


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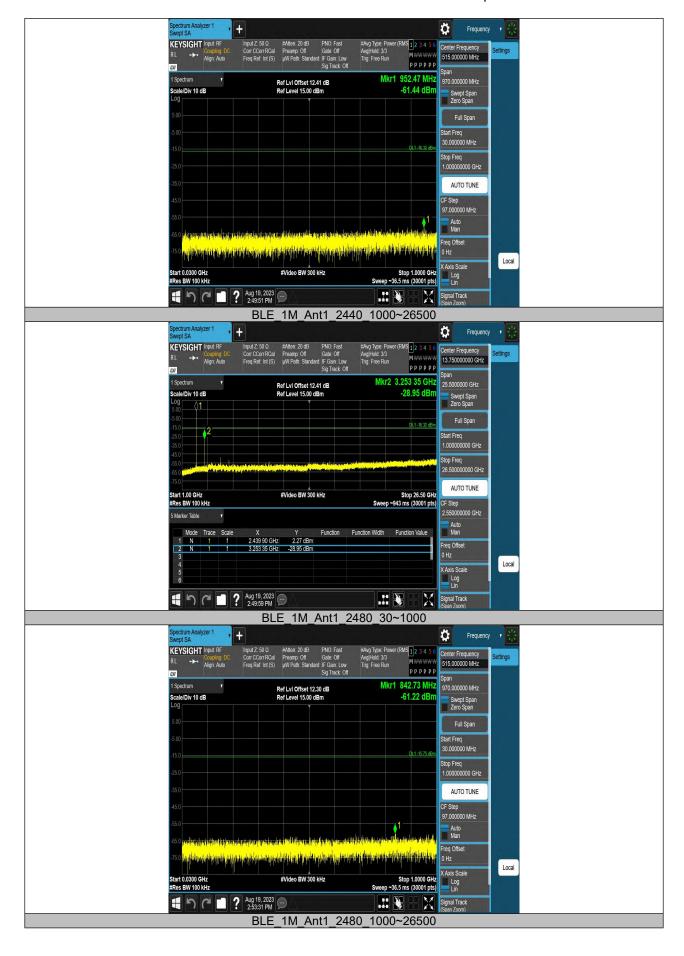


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Spurious Emissions:



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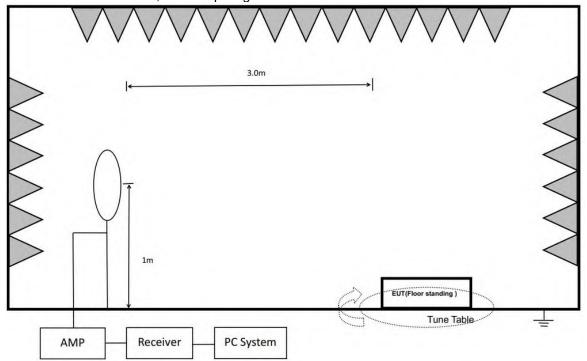


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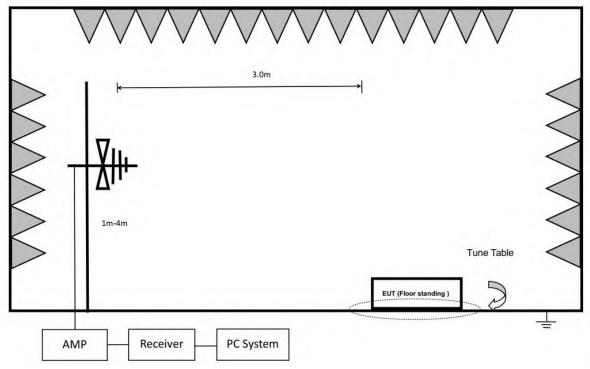
13. Radiated Emission

13.1. Block diagram of test setup

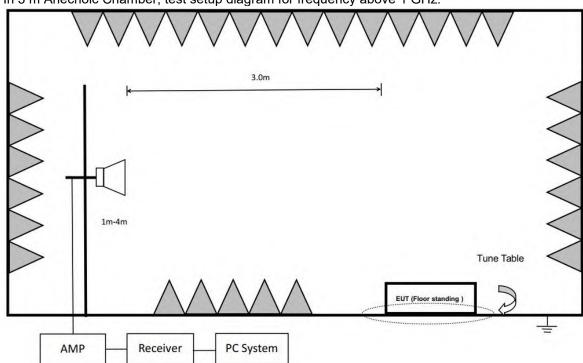
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



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In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:

Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

13.2. Limit

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	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
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&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			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

10	Γ	15 200	Limit
(<) FUU	15.209	LIIIIII.

(2) 1 00 10:200 Ellinic					
Frequency	Distance	Field Strengths Limit	1		

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MHz	Meters	μV/m	dB(μV)/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/i 54.0 dB(μV)/m	

Note: (1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

About Restricted bands of operation please refer to FCC § 15.205(a),

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13.3. Test Procedure

Below 30 MHz:

The setting of the spectrum Analyzer

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

- 1. The testing follows the guidelines in ANSI C63.10-2013
- 2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
- 3. The EUT and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating meterial.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of 1 meter height antenna tower.
- 5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
- 6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
- 7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

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Below 1 GHz and above 30 MHz:

The setting of the spectrum Analyzer

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Trace	Max hold

- 1. The testing follows the guidelines in ANSI C63.10-2013.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3. The EUT and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating meterial.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

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Above 1 GHz:

RBW	1 MHz
	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

- 1. The testing follows the guidelines in ANSI C63.10-2013.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - 3. The EUT was placed on a turntable with 1.5m above ground.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
- 6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for AVG measurements. For the Duty Cycle please refer to clause 8.1.ON TIME AND DUTY CYCLE.
- 7. Restriction band: Investigated frequency range from 2310 MHz to 2410 MHz and 2470MHz to 2500 MHz

All restriction band should comply with 15.209, other emission should be at least 20 dB below the fundamental.

- Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.
 - Note 2: The EUT does not support simultaneous transmission.
- Note 3: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

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13.4. Results

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz, so the final test was performed with frequency range from 30 MHz to 26 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in GFSK, Tx 2402 MHz mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit.

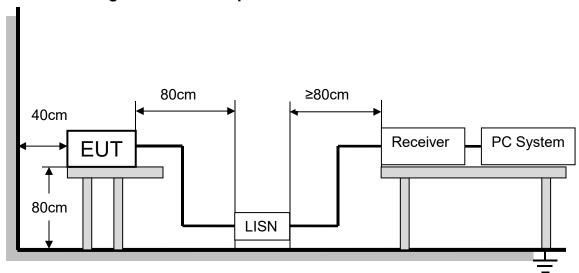
13.5. Original test data

Below 1 GHz and above 30 MHz test data Refer to appendix A Above 1 GHz test data Refer to appendix B

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14. AC Power Line Conducted Emissions

14.1. Block diagram of test setup



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

14.2. **Limits**

Please refer to CFR 47 FCC § 15.207 (a)

Frequency (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.3. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

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After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.4. Test result

Pass. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worse case.

14.5. Original test data

Refer to appendix C

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15. Antenna Requirements

15.1. Limits

Please refer to FCC § 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall 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 manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC § 15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, 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 (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

15.2. Result

The antenna used for this product is FPC antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 2.71 dBi

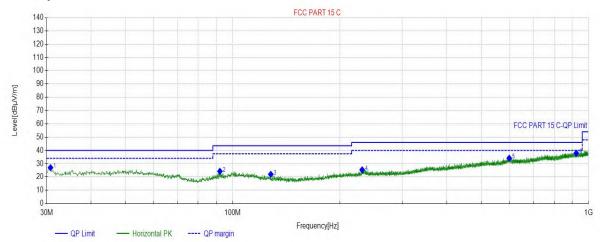
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APPENDIX A – Radiated Emission Below 1GHz Test Data Test Report

	Project Information								
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%						
Model:	SQUAPLLO-TRVOR	SN:							
Mode:	BLE_1M_2402	Voltage:	AC 120V/60Hz						
Customer:		Engineer:	Roger						
Remark:									

Start of Test: 2023-08-25 11:06:34

Test Graph



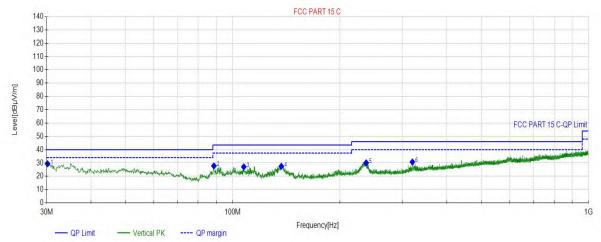
Final	Final Data List								
NO.	Freq. (MHz)	Factor (dB)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	
1	30.7761	19.01	27.03	40.00	12.97	100	203	Horizonta	
2	92.0862	18.90	24.28	43.50	19.22	100	149	Horizonta	
3	127.9798	17.72	22.01	43.50	21.49	100	27	Horizonta	
4	231.1981	21.09	25.40	46.00	20.60	100	147	Horizonta	
5	598.7679	30.17	34.15	46.00	11.85	100	27	Horizonta	
6	923.8474	34.70	37.88	46.00	8.12	100	316	Horizonta	

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	Project Information								
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%						
Model:	SQUAPLLO-TRVOR	SN:							
Mode:	BLE_1M_2402	Voltage:	AC 120V/60Hz						
Customer:		Engineer:	Roger						
Remark:									

Start of Test: 2023-08-25 11:07:18

Test Graph



Final	Final Data List								
NO.	Freq. (MHz)	Factor (dB)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	
1	30.1940	18.87	29.42	40.00	10.58	100	181	Vertical	
2	88.5939	18.03	27.81	43.50	15.69	100	167	Vertical	
3	107.5108	20.33	27.13	43.50	16.37	100	0	Vertical	
4	137.0017	17.22	27.53	43.50	15.97	100	195	Vertical	
5	237.3097	21.24	30.13	46.00	15.87	100	108	Vertical	
6	319.9620	22.91	30.76	46.00	15.24	100	209	Vertical	

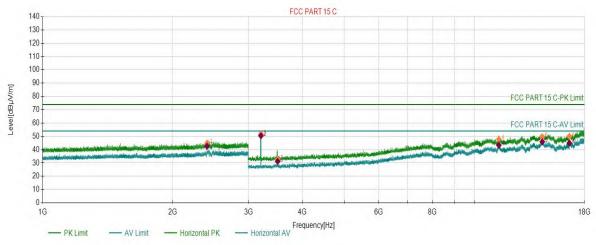
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APPENDIX B – Radiated Emission Above 1GHz Test Data Test Report

	Project Information							
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%					
Model:	SQUAPLLO-TRVOR SN:							
Mode:	BLE_1M_2402	Voltage:	AC 120V/60Hz					
Customer:	Engineer: Roger							
Remark:	Power Set : 3							

Start of Test: 2023-08-22 17:41:35

Test Graph



PK Fi	PK Final Data List							
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2403.8702	7.12	44.88	74.00	29.12	150	22	Horizontal
2	3204.7602	-17.04	51.72	74.00	22.28	150	3	Horizontal
3	3503.2752	-15.75	32.77	74.00	41.23	150	0	Horizontal
4	11397.4199	7.11	47.81	74.00	26.19	150	293	Horizontal
5	14368.3184	12.89	49.73	74.00	24.27	150	270	Horizontal
6	16601.1801	12.26	50.01	74.00	23.99	150	224	Horizontal

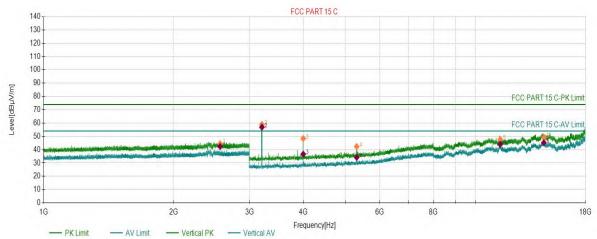
AV Fi	AV Final Data List							
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2403.8702	7.12	42.62	54.00	11.38	150	22	Horizontal
2	3204.7602	-17.04	50.49	54.00	3.51	150	3	Horizontal
3	3503.2752	-15.75	31.26	54.00	22.74	150	0	Horizontal
4	11397.4199	7.11	43.46	54.00	10.54	150	293	Horizontal
5	14368.3184	12.89	45.95	54.00	8.05	150	270	Horizontal
6	16601.1801	12.26	44.97	54.00	9.03	150	224	Horizontal

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	Project Information								
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%						
Model:	SQUAPLLO-TRVOR	SN:							
Mode:	BLE_1M_2402	Voltage:	AC 120V/60Hz						
Customer:	Engineer: Roger								
Remark:	Power Set : 3								

Start of Test: 2023-08-22 17:42:58

Test Graph



PK Fi	PK Final Data List							
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2564.2782	6.99	44.58	74.00	29.42	150	35	Vertical
2	3204.7602	-17.04	58.93	74.00	15.07	150	67	Vertical
3	3994.5497	-14.31	48.40	74.00	25.60	150	336	Vertical
4	5312.3656	-9.54	42.37	74.00	31.63	150	79	Vertical
5	11422.9211	6.99	47.69	74.00	26.31	150	346	Vertical
6	14410.3205	13.03	49.15	74.00	24.85	150	316	Vertical

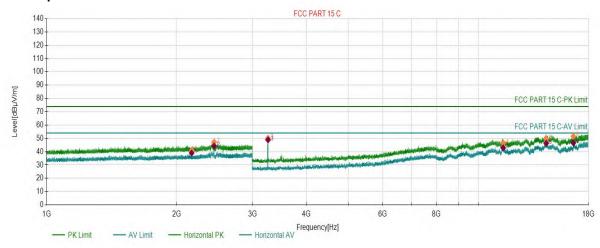
AV Fi	AV Final Data List							
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2564.2782	6.99	42.43	54.00	11.57	150	35	Vertical
2	3204.7602	-17.04	56.93			150	67	Vertical
3	3994.5497	-14.31	36.64	54.00	17.36	150	336	Vertical
4	5312.3656	-9.54	34.26	54.00	19.74	150	79	Vertical
5	11422.9211	6.99	44.04	54.00	9.96	150	346	Vertical
6	14410.3205	13.03	45.21	54.00	8.79	150	316	Vertical

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	Project Information							
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%					
Model:	SQUAPLLO-TRVOR SN:							
Mode:	BLE_1M_2440	Voltage:	AC 120V/60Hz					
Customer:	Engineer: Roger							
Remark:	Power Set : 3							

Start of Test: 2023-08-22 17:51:54

Test Graph



PK Fi	PK Final Data List									
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	2167.9584	5.39	41.09	74.00	32.91	150	292	Horizontal		
2	2443.8722	7.28	47.24	74.00	26.76	150	23	Horizontal		
3	3258.0129	-16.93	50.08	74.00	23.92	150	358	Horizontal		
4	11419.1710	7.02	46.55	74.00	27.45	150	205	Horizontal		
5	14365.3183	12.88	49.56	74.00	24.44	150	218	Horizontal		
6	16601.9301	12.26	51.54	74.00	22.46	150	251	Horizontal		

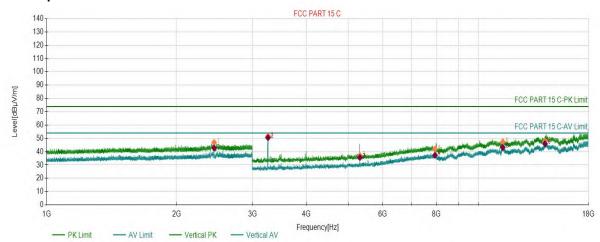
AV Fi	AV Final Data List									
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	2167.9584	5.39	39.01	54.00	14.99	150	292	Horizontal		
2	2443.8722	7.28	44.19	54.00	9.81	150	23	Horizontal		
3	3258.0129	-16.93	48.89	54.00	5.11	150	358	Horizontal		
4	11419.1710	7.02	42.91	54.00	11.09	150	205	Horizontal		
5	14365.3183	12.88	46.29	54.00	7.71	150	218	Horizontal		
6	16601.9301	12.26	46.59	54.00	7.41	150	251	Horizontal		

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	Project Information									
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%							
Model:	SQUAPLLO-TRVOR	SN:								
Mode:	BLE_1M_2440	Voltage:	AC 120V/60Hz							
Customer:		Engineer:	Roger							
Remark:	Power Set : 3									

Start of Test: 2023-08-22 17:53:25

Test Graph



PK Fi	PK Final Data List									
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	2443.9722	7.28	46.94	74.00	27.06	150	92	Vertical		
2	3258.0129	-16.93	51.62	74.00	22.38	150	66	Vertical		
3	5319.1160	-9.54	37.02	74.00	36.98	150	337	Vertical		
4	7937.4969	-0.44	42.01	74.00	31.99	150	212	Vertical		
5	11392.9196	7.05	47.36	74.00	26.64	150	78	Vertical		
6	14267.0634	12.43	47.96	74.00	26.04	150	337	Vertical		

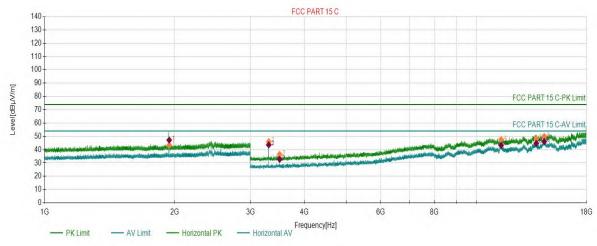
AV Fi	AV Final Data List									
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	2443.9722	7.28	42.79	54.00	11.21	150	92	Vertical		
2	3258.0129	-16.93	50.53	54.00	3.47	150	66	Vertical		
3	5319.1160	-9.54	35.68	54.00	18.32	150	337	Vertical		
4	7937.4969	-0.44	37.37	54.00	16.63	150	212	Vertical		
5	11392.9196	7.05	43.22	54.00	10.78	150	78	Vertical		
6	14267.0634	12.43	46.00	54.00	8.00	150	337	Vertical		

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	Project Information									
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%							
Model:	SQUAPLLO-TRVOR	SN:								
Mode:	BLE_1M_2480	Voltage:	AC 120V/60Hz							
Customer:		Roger								
Remark:	Power Set : 3									

Start of Test: 2023-08-22 18:54:55

Test Graph



PK Fi	PK Final Data List									
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	1943.9472	4.67	43.37	74.00	30.63	150	113	Horizontal		
2	3306.0153	-16.83	46.09	74.00	27.91	150	358	Horizontal		
3	3502.5251	-15.75	36.55	74.00	37.45	150	3	Horizontal		
4	11417.6709	7.03	47.71	74.00	26.29	150	354	Horizontal		
5	13768.2884	10.86	48.18	74.00	25.82	150	81	Horizontal		
6	14365.3183	12.88	49.94	74.00	24.06	150	81	Horizontal		

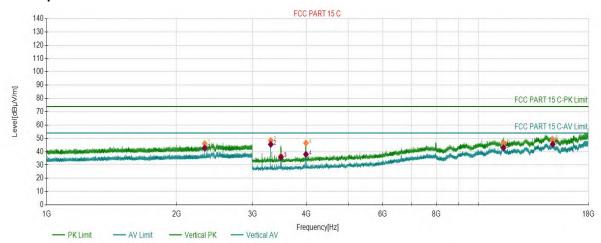
AV Fi	AV Final Data List									
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	1943.9472	4.67	47.22	54.00	6.78	150	113	Horizontal		
2	3306.0153	-16.83	43.65	54.00	10.35	150	358	Horizontal		
3	3502.5251	-15.75	32.77	54.00	21.23	150	3	Horizontal		
4	11417.6709	7.03	43.31	54.00	10.69	150	354	Horizontal		
5	13768.2884	10.86	44.82	54.00	9.18	150	81	Horizontal		
6	14365.3183	12.88	46.26	54.00	7.74	150	81	Horizontal		

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	Project Information									
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%							
Model:	SQUAPLLO-TRVOR	SN:								
Mode:	BLE_1M_2480	Voltage:	AC 120V/60Hz							
Customer:	Engineer: Roger									
Remark:	Power Set : 3									

Start of Test: 2023-08-22 18:56:25

Test Graph



PK Fi	PK Final Data List									
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	2323.7662	6.08	46.07	74.00	27.93	150	272	Vertical		
2	3306.0153	-16.83	48.37	74.00	25.63	150	3	Vertical		
3	3489.7745	-15.81	36.80	74.00	37.20	150	73	Vertical		
4	3988.5494	-14.34	46.55	74.00	27.45	150	107	Vertical		
5	11439.4220	6.88	46.23	74.00	27.77	150	269	Vertical		
6	14876.8438	13.20	48.98	74.00	25.02	150	60	Vertical		

AV Fi	AV Final Data List									
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity		
1	2323.7662	6.08	42.77	54.00	11.23	150	272	Vertical		
2	3306.0153	-16.83	45.51	54.00	8.49	150	3	Vertical		
3	3489.7745	-15.81	35.90	54.00	18.10	150	73	Vertical		
4	3988.5494	-14.34	38.03	54.00	15.97	150	107	Vertical		
5	11439.4220	6.88	42.99	54.00	11.01	150	269	Vertical		
6	14876.8438	13.20	45.68	54.00	8.32	150	60	Vertical		

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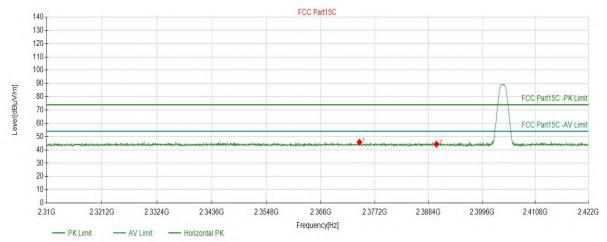
Restriction Band Emission

Test Report

	Project Information									
EUT:	Travel Apoll Fitness Board	Environment:	23 ℃ 56 %							
Model:	SQUAPLLO-TRVOR	SN:								
Mode:	BLE_1M_2402	Voltage:	AC 120V/60Hz							
Customer:		Engineer:	Roger							
Remark:	Power Set : 3									

Start of Test: 2023-08-22 17:48:05

Test Graph



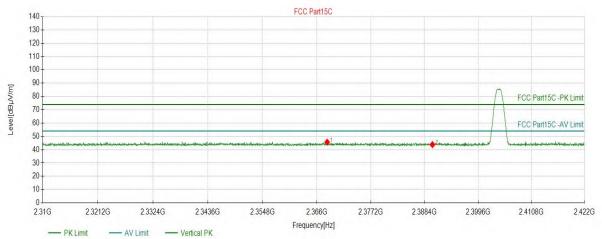
Suspe	ected Data Lis	t							
NO.	Freq. (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Detec tor	Polarity
1	2374.0107	45.78	5.59	74.00	28.22	150	137	PK	Horizont
2	2390.0320	44.30	5.61	74.00	29.70	150	35	PK	Horizont

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Project Information								
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%					
Model:	SQUAPLLO-TRVOR	SN:						
Mode:	BLE_1M_2402	Voltage:	AC 120V/60Hz					
Customer:		Engineer:	Roger					
Remark:	Po	ower Set : 3						

Start of Test: 2023-08-22 17:48:49

Test Graph



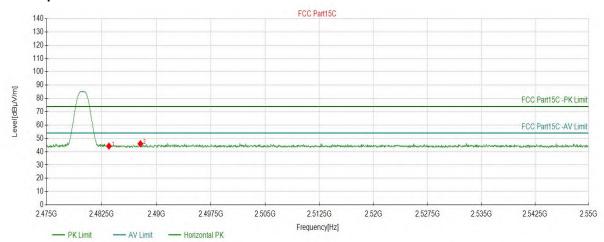
Suspe	ected Data Lis	t							
NO.	Freq. (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Detec tor	Polarity
1	2368.1474	45.67	5.58	74.00	28.33	150	97	PK	Vertical
2	2390.0320	43.82	5.61	74.00	30.18	150	6	PK	Vertical

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Project Information								
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%					
Model:	SQUAPLLO-TRVOR	SN:						
Mode:	BLE_1M_2480	Voltage:	AC 120V/60Hz					
Customer:		Engineer:	Roger					
Remark:	Po	ower Set : 2						

Start of Test: 2023-08-24 21:59:42

Test Graph



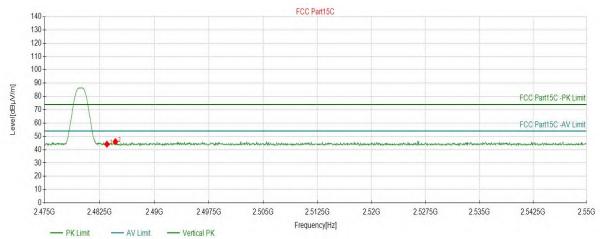
Suspe	ected Data Lis	t							
NO.	Freq. (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Detec tor	Polarity
1	2483.5168	44.20	6.07	74.00	29.80	150	106	PK	Horizont
2	2487.8314	45.96	6.09	74.00	28.04	150	318	PK	Horizont

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	Project Inform	mation	
EUT:	Travel Apoll Fitness Board	Environment:	23℃ 56%
Model:	SQUAPLLO-TRVOR	SN:	
Mode:	BLE_1M_2480	Voltage:	AC 120V/60Hz
Customer:		Engineer:	Roger
Remark:	Po	wer Set : 2	

Start of Test: 2023-08-24 22:00:35

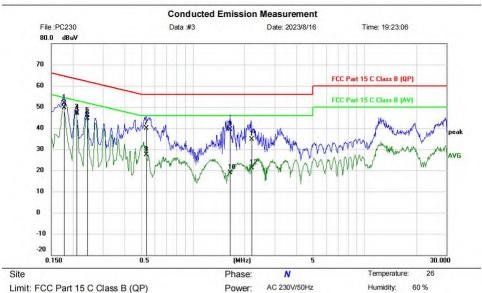
Test Graph



Su	spe	ected Data Lis	t							
NO	Э.	Freq. (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Detec tor	Polarity
1		2483.5168	44.15	6.07	74.00	29.85	150	133	PK	Vertical
2	2	2484.6798	46.09	6.08	74.00	27.91	150	203	PK	Vertical
						_			I	

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APPENDIX C – AC Power Line Conducted Emission Test Data



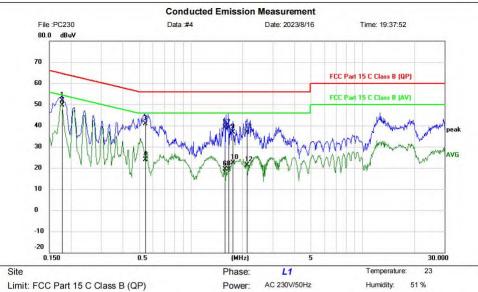
Limit: FCC Part 15 C Class B (QP)

EUT: Travel Apoll Fitness Board M/N: SQUALLO-TRVOR

Mode: BLE Mode Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	42.23	9.66	51.89	64.58	-12.69	QP	
2	*	0.1780	39.99	9.66	49.65	54.58	-4.93	AVG	
3		0.2100	37.83	9.66	47.49	63.21	-15.72	QP	
4		0.2100	37.30	9.66	46.96	53.21	-6.25	AVG	
5		0.2420	36.27	9.66	45.93	62.03	-16.10	QP	
6		0.2420	35.06	9.66	44.72	52.03	-7.31	AVG	
7		0.5340	30.00	9.76	39.76	56.00	-16.24	QP	
8		0.5340	17.69	9.76	27.45	46.00	-18.55	AVG	
9		1.6460	29.57	9.75	39.32	56.00	-16.68	QP	
10		1.6460	9.06	9.75	18.81	46.00	-27.19	AVG	
11		2.1940	24.88	9.74	34.62	56.00	-21.38	QP	
12		2.1940	11.46	9.74	21.20	46.00	-24.80	AVG	

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EUT: Travel Apoll Fitness Board M/N: SQUALLO-TRVOR Mode: BLE Mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	42.12	9.65	51.77	64.58	-12.81	QP	
2	*	0.1780	39.99	9.65	49.64	54.58	-4.94	AVG	
3		0.5420	31.15	9.77	40.92	56.00	-15.08	QP	
4		0.5420	14.20	9.77	23.97	46.00	-22.03	AVG	
5		1.5700	29.34	9.76	39.10	56.00	-16.90	QP	
6		1.5700	9.53	9.76	19.29	46.00	-26.71	AVG	
7		1.6580	29.20	9.76	38.96	56.00	-17.04	QP	
8		1.6580	9.70	9.76	19.46	46.00	-26.54	AVG	
9		1.7540	27.02	9.76	36.78	56.00	-19.22	QP	
10		1.7540	12.54	9.76	22.30	46.00	-23.70	AVG	
11		2.1260	27.06	9.75	36.81	56.00	-19.19	QP	
12		2.1260	11.68	9.75	21.43	46.00	-24.57	AVG	

END OF REPORT

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