LCIE SUD EST
Laboratoire de Moirans
Z.I. Centr'Alp
170, Rue de Chatagnon
38430 MOIRANS - FRANCE

GENERAL INFORMATION

FCCID: **2ACQC-TB1E1**

1.1. Product description

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QUICK START GUIDE

Dive into the magical worlds of **tori**™! Discover a unique experience where you craft and play with real toys to explore exciting universes!
To enjoy the adventure, we recommend you read this with your parents.
To get started, make yourself comfy by sitting around a table or any flat surface. You will need a tablet or a smartphone to play.

Check the compatibility of your device on tori.com/compatibility.

Put the device in front of you in landscape standing position.

Your smart device doesn't stand by itself? Don't worry we thought about everything! You will find a DIY Stand in the Creative Kit.

Connect your device to the internet and download the 4 **tori**™ games: **Jungle Rescue, Crystal Chase, Supreme Builder** and **Shades of Light!** Each game is linked to a **tori**™ **Toy**, you will use to interact and dive into the experience.
Stay tuned because we release apps on a regular basis!

Crystal Chase
Dexterity and reflexes are key to defeating the Space Pirates

Jungle Rescue
Be smart and sharp to save Mother Nature

Shades of Light
Wizardry is afoot with this Perspective Puzzle game

Supreme Builder
Imagine, build and create a whole New World

The apps are available on the App Store or on the Google Play™ Store

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Take the **tori™ Board** and place it between you and your smart device. Here is a view of your new playground!

Your smart device should be placed close to the board to be detected (maximum 8 m/26 ft)

Left handed? No problem, go in the game settings and switch the toggle on left handed and rotate the tori™ Board. You will then have the keys on your right which is way more convenient to play!

Turn the **tori™ Board** ON by pressing the power button ⏻ for 2 sec. Because we like surprises, you will see a flashy light animation: the board is on! Let's start!

The LEDs are now turning in a blue circle on the board, which means it's the connection phase. The **tori™ Board** is looking for a device to connect to.

Turn the Bluetooth ON ᛒ on your smart device and start one of the four **tori™** games. Follow the instructions on the screen to accept the connection between the **tori™ Board** and the device.

Don't worry once your device is synchronized to the tori™ Board in future it will automatically connect.

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You're almost done! Pick up the **tori™ Toy** corresponding to the game you chose and plug in the **Power Bar** to make it come to life!

The **Power Bar** owns a natural and endless energy coming from its magnetic core.

Here is how to plug it in the different **tori™ toys**.

It's easy, always plug the red on the red side and blue on the blue side.

Once you created your own **DIY Spacecraft,** you will also be able to play with it!

Place the **tori™ Toy** on the **tori™ Board** and you're ready to play! All set? Take the **tori™ Toy** in your hands and dive into the magical worlds of **tori™**!

Feel free to move and fully live the adventure, the tori™ Board will detect all your movements and gestures up to 25 cm/10 in.

Now you know how to use **tori™**, it's time to free your creativity and fully customize your adventure!
Open the **Creative Kit** and discover how to supercharge your journey!

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CUSTOMIZE THE GAMING UNIVERSES

ENGLISH

WITH THE CREATIVE BOOK

In **Jungle Rescue** and **Supreme Builder** apps, you can customize the worlds! Feel free to express the full extent of your creativity as anything you can imagine is possible!

The customization is available once you have played a little bit, and you will soon unlock more and more elements! Here is the process to do it.

You will find a tutorial video in the **Jungle Rescue** and **Supreme Builder** apps which sums up this process!

1. Open the **Creative Book**
2. Pick up the in-game element you want to customize, for instance the one you just unlocked!
3. Customize it, feel free to use whatever method and style you like: markers, stickers, glitter, sand, paint, watercolor...
4. Open the corresponding app (**Jungle Rescue** or **Supreme Builder**) and go in the "Customize" section, select the model you customized and scan your piece of art!
5. Done! It's time to spot your creation in the game! Go back to the game and enjoy this customized adventure!

You can download this piece of art into your gallery and ask your parents to share it as a GIF with your family and friends if you want to!

1.2. Tested System Details

2. SYSTEM TEST CONFIGURATION

2.1. HARDWARE IDENTIFICATION (EUT AND AUXILIARIES):

Equipment under test (EUT):
TB1E1
Serial Number: 200230

Photography of EUT

Power supply:
During all the tests, EUT is supplied by V_{nom}3.7Vdc
For measurement with different voltage, it will be presented in test method.

Name	Type	Rating	Reference / Sn	Comments
Supply1	☐ AC ☐ DC ☑ Battery ☐USB	3.7Vdc	/	/
Supply2	☐ AC ☐ DC ☐ Battery ☑USB	5Vusb	/	/

Voltage table used:

Type	Measurement performed:	
☐ AC	☐ **120VAC/60Hz**	☐ **240VAC/50Hz**
☐ DC	☐ **+....VDC**	☐ **-....VDC**
☑ Battery	☑ **+3.7VDC**	☐ **-....VDC**
☑ USB (Laptop auxiliary)	☑ **120VAC/60Hz (Laptop auxiliary)**	☑ **240VAC/50Hz(Laptop auxiliary)**

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Inputs/outputs - Cable:

Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
µUSB	USB	1	☐	☑	☑	/

Auxiliary equipment used during test:

Type	Reference	Sn	Comments
Laptop	DELL Latitude E5530	/	/
AC Adapter for Laptop	DELL LA65NS0-00	/	Input: AC 100-240V (1.5A) Output: DC 19.5V(3.34A)
Power supply AC/DC	KEYSIGHT	AC6802A	A7042305

Equipment information:

Frequency band:	☑ [13.553–13.567]MHz	☐ [125]kHz	☐ [-] MHz	
RF mode:	☐ Transmitter	☑ Transceiver	☐ Receiver	☐ Standby
Type:	☑ RFID	☐ EAS	☐ Other:	
Bandwidth:	☐ Narrowband (ISO15693, ISO18000-3…)		☑ Wideband (ISO14443, NFC…)	
Product class – Annex B.2	☐ 1	☐ 2	☑ 3	☐ 4
Channelized system:	☑ No	☐ Yes, channel spacing: kHz		
Equipment intended for use as a	☐ Fixed	☐ Mobile	☑ Portable	
Type of equipment:	☑ Stand-alone	☐ Plug-in	☐ Combined	
Antenna Type:	☐ External		☑ Internal	
Antenna connector:	☐ Permanent external	☑ Permanent internal	☐ None	☐ Temporary (only for tests)
Antenna Gain:	0 dBi			
Duty cycle:	☑ Continuous duty	☐ Intermittent duty	☐ Continuous operation	
Equipment type:	☑ Production model		☐ Prototype	
Temperature range:	Tmin:	☐ -20°C	☑ 0°C	☐ °C
	Tnom:	20°C		
	Tmax:	☑ 35°C	☐ 55°C	☐ °C
Type of power source:	☐ AC power supply	☐ DC power supply	☑ Battery (Lithium)	
Test source voltage:	Vmin:	☐ 207V/50Hz	☑ 3.1 VDC	
	Vnom:	☐ 230V/50Hz	☑ 3.7 VDC	
	Vmax	☐ 253V/50Hz	☑ 4.3 VDC	

Nc: Not communicated

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Equipment information:

Bluetooth LE Type:	☑ **BLE**	☐ **v4.1**	☐ **v4.2**	☐ **v5.0**
Frequency band:	[2400 – 2483.5] MHz			
Spectrum Modulation:	☑ DSSS (Tested like it)			
Number of Channel:	40			
Spacing channel:	2MHz			
Channel bandwidth:	☑ 1MHz		☐ 2MHz	
Antenna Type:	☑ Integral	☐ External	☐ Dedicated	
Antenna connector:	☐ Yes	☑ No	☐ Temporary for test	
Transmit chains:	1			
	Single antenna			
	Gain: 1.95dBi			
Beam forming gain:	No			
Receiver chains	1			
Type of equipment:	☑ Stand-alone	☐ Plug-in	☐ Combined	
Ad-Hoc mode:	☐ Yes		☑ No	
Adaptivity mode:	☐ Yes (Load Based)	☐ Off mode	☑ No	
	Clear Channel Assessment Time:		Xµs	
Duty cycle:	☑ Continuous duty	☐ Intermittent duty	☐ 100% duty	
Equipment type:	☑ Production model		☐ Pre-production model	
Operating temperature range:	Tmin:	☐ -20°C	☑ 0°C	☐ X°C
	Tnom:	20°C		
	Tmax:	☑ 35°C	☐ 55°C	☐ X°C
Type of power source:	☐ AC power supply	☑ DC power supply	☑ Battery	
Operating voltage range:	Vnom:	☐ 230V/50Hz	☑ 3.7Vdc	
Geo-location capability:	☐ Yes (The geographical location determined by the equipment is not accessible to the end user as defined in section 4.3.2.12.2 of ETSI EN 300 328 V2.1.1 standard)		☑ No	
Minimum performance criteria for Receiver blocking test:	☑ PER less than or equal to 10%		☐ Alternative performance criteria (4)	

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CHANNEL PLAN			
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
Cmin: 0	2402	**Cmid: 20**	2442
1	2404	21	2444
2	2406	22	2446
3	2408	23	2448
4	2410	24	2450
5	2412	25	2452
6	2414	26	2454
7	2416	27	2456
8	2418	28	2458
9	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	**Cmax: 39**	2480

DATA RATE		
Data Rate (Mbps)	**Modulation Type**	**Worst Case Modulation**
1	GFSK	☑
2	GFSK	☐

1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 or/and ANSI C63.10, FCC Part 15 SubPart 15C.
Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

1.4. Test facility

Tests have been performed: **July 24 to 31, 2019**

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4 or/and ANSI C63.10.
This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55032/CISPR32 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.