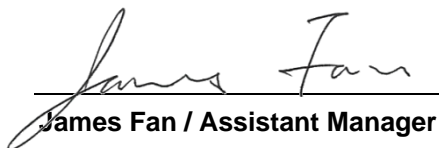


# CE RF Exposure Report

**Equipment** : go blue USB v2  
**Model No.** : BRBLU03-010A0  
**Brand Name** : Laird Connectivity  
**Applicant** : Laird Connectivity, Inc.  
**Address** : W66N220 Commerce Court, Cedarburg,  
Wisconsin 53012, USA  
**Standard** : EN 62479:2010  
EN 50663:2017  
**Received Date** : Mar. 31, 2016  
**Tested Date** : Mar. 31 ~ Apr. 12, 2016

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

  
James Fan / Assistant Manager

Approved by:

  
Gary Chang / Manager



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## Release Record

Report No.	Version	Description	Issued Date
EA640802-02	Rev. 01	Initial issue	Jan. 14, 2021

# 1 General Description

## 1.1 Information

This report is issued as a supplementary report to original ICC report no. EA640802-01. The difference is concerned with following items:

- ✧ Adding standard EN 50663:2017
- ✧ New applicant & name brand name.
- ✧ Removed one Model name.

Due to no impact on tests, all data remain unchanged.

### 1.1.1 Specification of the Equipment under Test (EUT)

RF General Information				
Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number	Data Rate
2400-2483.5	BR V2.0	2402-2480	0-78 [79]	1 Mbps
2400-2483.5	EDR V2.0	2402-2480	0-78 [79]	2 Mbps
2400-2483.5	EDR V2.0	2402-2480	0-78 [79]	3 Mbps
Note 1: Bluetooth BR uses a GFSK.				
Note 2: Bluetooth EDR uses a combination of $\pi/4$ -DQPSK and 8DPSK.				

### 1.1.2 Antenna Details

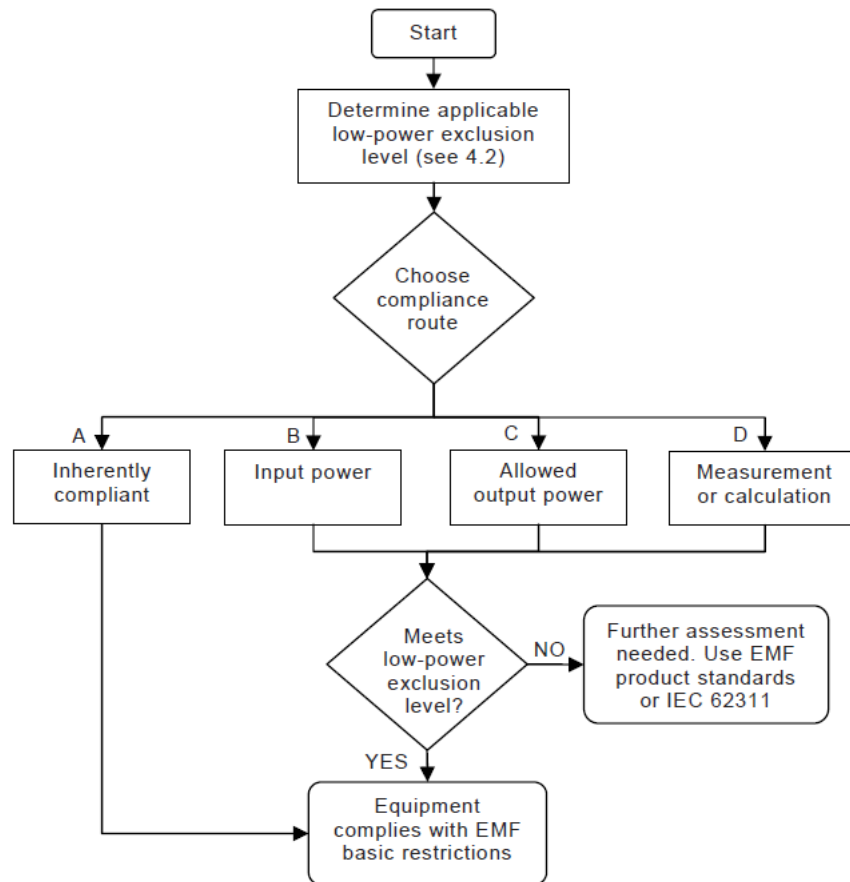
Ant. No.	Type	Gain (dBi)	Remark
1	Ceramic Patch	2	N/A

### 1.1.3 EUT Operational Condition

Power Supply Type	5Vdc from host
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## 2 RF exposure evaluation

### 2.1 Routes to show compliance with low-power exclusion level



### 2.2 Limits

Equipment where the available antenna power and/or the average total radiated power is less than or equal to the 20mW (13dBm).

### 2.3 Deviation from Test Standard and Measurement Procedure

None

## 2.4 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Parameters	Uncertainty
Conducted power	$\pm 0.808$ dB

### Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

### Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

## 2.5 Evaluation Results

Modulation Mode	Frequency Range (MHz)	Maximum Conducted Power (dBm)	Gain (dBi)	Maximum E.I.R.P.(dBm)	Limit (dBm)	PASS / FAIL
GFSK	2402-2480	2.19	2	4.19	13	Pass
8DPSK	2402-2480	-2.27	2	-0.27	13	Pass

### 3 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

#### **Linkou**

Tel: 886-2-2601-1640

No. 30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan,  
R.O.C.

#### **Kwei Shan**

Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd  
St., Kwei Shan District, Tao Yuan  
City 333, Taiwan, R.O.C.

#### **Kwei Shan Site II**

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd  
St., Kwei Shan District, Tao Yuan  
City 333, Taiwan, R.O.C..

If you have any suggestion, please feel free to contact us as below information

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==END==