

In-service Date : 2019-04-02

Application Summary

Applicant Address

Company Name	BlueRadios, Inc.
Administrative Contact	--
Certification Letter Contact	--
Agent	--

Canadian Representative

Account Number	10309A
Company Name	Waterloo EMC Services
Country	CAN

Application

Certification/Registration Number	8456A - LE5S1
Category	Radio
Desired Listing Date	2019-04-02 14:44
Web Transaction ID	--

Model(s)

Radio Model 1

Equipment Type	Transmitter
Hardware Version Identification Number (HVIN)	BR-LE5.0-S1A
Firmware Version Identification Number (FVIN)	OD
Product Marketing Name (PMN)	nBlue Bluetooth® 5.0 Module
Host Marketing Name (HMN)	--
Equipment Description	Bluetooth Module
Wireless Lab Company Number (not required for CIPC)	7308A
Is specific absorption rate (SAR) evaluation applicable?	No
Is RF exposure evaluation applicable?	No
Is nerve stimulation (NS) exposure evaluation applicable?	No

Emission(s)

Emission 1

Radio Standard Specification (RSS)	RSS247 Non-DFS
Technology	Not defined
Band Class	Not defined
Frequency Range (min. or single frequency) [MHz]	2402
Frequency Range (max.) [MHz]	2480

RF Power (min) [W]	0.011
RF Power (maximum) [W]	0.011
Field Strength	--
Unit	dBuV
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	2080
Emission Classification	2M08F1D--
Transmitter Spurious (worst case)	57.22
Unit	dBuV
Distance	3m

Equipment Categories

Modular Approval
Spread Spectrum or Digital Device (2400-2483.5 MHz)

Attachment(s)

Attachment 1

File Name

[IC Canadian Rep Letter.pdf\(PDF Version, 62.021 KB, 1 pages\)PDF Readers](#)

Description Type	Canadian Representative Letter
Confidential	Not Confidential
Size	62.0 kB

Attachment 2

File Name

[BR-LE5.0-S1A Theory of Operation.pdf\(PDF Version, 517.637 KB, 8 pages\)PDF Readers](#)

Description Type	Description of Device
Confidential	Confidential
Size	517.6 kB

Attachment 3

File Name

[CD010949-Overall-letter-i01.pdf\(PDF Version, 54.573 KB, 1 pages\)PDF Readers](#)

Description Type	Application Cover Letter
Confidential	Not Confidential
Size	54.6 kB

Attachment 4

File Name

[IC Confidentiality letter.pdf\(PDF Version, 152.294 KB, 1 pages\)PDF Readers](#)

Description Type	Confidentiality Request
Confidential	Not Confidential
Size	152.3 kB

Attachment 5

File Name

[RSS-102 Annex C\(exempt\).pdf\(PDF Version, 112.864 KB, 1 pages\)PDF Readers](#)

Description Type	RSS-102 Annex C - Declaration of RF Exposure Exemption
Confidential	Not Confidential
Size	112.9 kB

Attachment 6

File Name

[BR-LE5.0-S1A Block Diagram rev.pdf\(PDF Version, 118.293 KB, 1 pages\)PDF Readers](#)

Description Type	Block Diagram
Confidential	Confidential
Size	118.3 kB

Attachment 7

File Name

[BR-LE5.0-S1A Rev B Schematics.pdf\(PDF Version, 771.253 KB, 6 pages\)PDF Readers](#)

Description Type	Schematics
Confidential	Confidential
Size	771.3 kB

Attachment 8

File Name

[BABT756.pdf\(PDF Version, 238.471 KB, 5 pages\)PDF Readers](#)

Description Type	RSP-100 Annex A - Application
Confidential	Not Confidential
Size	238.5 kB

Attachment 9

File Name

[BR-LE5.0-S1A Label.pdf\(PDF Version, 78.657 KB, 1 pages\)PDF Readers](#)

Description Type	Product label
Confidential	Not Confidential
Size	78.7 kB

Attachment 10

File Name

[BR-LE5.0-S1A IC BLE RF Test Report.pdf\(PDF Version, 5,172.592 KB, 44 pages\)PDF Readers](#)

Description Type	Test Report
Confidential	Not Confidential
Size	5.1 MB

Attachment 11

File Name

[IC Modular Approval Letter .pdf\(PDF Version, 83.679 KB, 2 pages\)PDF Readers](#)

Description Type	Application Cover Letter
Confidential	Not Confidential
Size	83.7 kB

Attachment 12

File Name

[Authorization letter Agent.pdf\(PDF Version, 99.727 KB, 1 pages\)PDF Readers](#)

Description Type	Agent/Authorization Agreement
Confidential	Not Confidential
Size	99.7 kB

Attachment 13

File Name

[BR-LE5.0-S1A External Photo.pdf\(PDF Version, 136.447 KB, 1 pages\)PDF Readers](#)

Description Type	Photos - external
Confidential	Not Confidential
Size	136.4 kB

Attachment 14

File Name

[nBlue Bluetooth 5.0 Module User's Guide_rev.pdf\(PDF Version, 930.405 KB, 19 pages\)PDF Readers](#)

Description Type	Product manual
Confidential	Not Confidential
Size	930.4 kB

Attachment 15

File Name

[CD010949-Cert-i01.pdf\(PDF Version, 131.408 KB, 2 pages\)PDF Readers](#)

Description Type	Certificate
Confidential	Not Confidential
Size	131.4 kB

Attachment 16

File Name

[BR-LE5.0-S1A_IC_MPE_Test Report.pdf\(PDF Version, 152.919 KB, 8 pages\)PDF Readers](#)

Description Type	RF Exposure Evaluation (> 20 cm)
Confidential	Not Confidential
Size	152.9 kB

Attachment 17

File Name

[BABT 758.pdf\(PDF Version, 323.039 KB, 1 pages\)PDF Readers](#)

Description Type	RSP-100 Annex B - Test Report Cover Sheet
Confidential	Not Confidential
Size	323.0 kB

Attachment 18

File Name

[BR-LE5.0-S1A Internal Photo .pdf\(PDF Version, 103.356 KB, 1 pages\)PDF Readers](#)

Description Type	Photos - internal
Confidential	Not Confidential
Size	103.4 kB

Attachment 19

File Name

[TestSetupREV1.pdf\(PDF Version, 509.558 KB, 2 pages\)PDF Readers](#)

Description Type	Test Report
Confidential	Not Confidential

Size

509.6 kB