



**FCC OET BULLETIN 65 SUPPLEMENT c
(EDITION 01-01)
RF exposure evaluation report**

For

Product Name: Bluetooth Module

Model : P120
Trade Name: CANMAX

Issued to
CANMAX Technology Ltd.
7F., No.183, Sec.1, Datong Rd., Xizhi Dist., New Taipei City

Issued by
Global Certification Corp.
**No.146, Sec. 2, Xiangzhang Rd., Xizhi Dist., New Taipei City 221,
Taiwan (R.O.C.)**

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Revision History

Revision	No.	Report Number	Issue Date	Description	Author/ Revised by
1.	7O0601	7O0601	Nov. 20, 2017	Original Report	Michelle



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1. General Information

Applicant : CANMAX Technology Ltd.
Address : 7F., No.183, Sec.1, Datong Rd., Xizhi Dist., New Taipei City
Manufacturer : CANMAX Technology Ltd.
Address : 7F., No.183, Sec.1, Datong Rd., Xizhi Dist., New Taipei City
EUT : Bluetooth Module
Model No. : P120

Test Standards:

OET Bulletin 65 Supplement C (Edition 01-01)

The above equipment was tested by Global Certification Corp. For compliance with the requirements set forth in the OET Bulletin 65 Supplement C (Edition 01-01) and the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested.

The test was carried out on Nov. 20, 2017 and this test report shall not be reproducing in part without written approval of Global Certification Corp.

Reviewed by:

Nov. 20, 2017
Date

Adam Chou, Manager



2. Description of the tested samples

EUT Name : Bluetooth Module
Model Number : P120
FCC ID : YG2-P120
Input Voltage : DC5V
Power From ☒Inside ☐Outside
☐Adaptor ☐BATTERY ☐Power Supply ☐DC Power Source ☒Support
Unit PC
Operate Frequency : Refer to the channel list as described below
Number of Channels : 79
Channel spacing : ☐N/A ☒ 1 MHz
Modulation Type : FHSS(GFSK)
Antenna Type : ☐integral antenna: ☒PCB Printing ☐a dedicated antenna_
Antenna gain : -1.35dBi



3. RF Exposure Evaluation

Function	Freq. (MHz)	Antenna Gain (dBi)	Maximum Output Power (dBm)	Maximum Output Power (mW)	Calculated RF Exposure (mW/cm ²)	Limit (mW/cm ²)
Bluetooth 2.4G	2402.00	-1.35	1.01	1.26	0.000338	1.00

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

The max. average power of channel, including tune-up tolerance(mW) is 1.26mW(1.01dBm) @ 2402MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So, $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.39 < 3.0$ (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body.