RF Exposure Evaluation declaration

Product Name : Pocket photo printer

Model No. : VS0000Z

FCC ID : 2AAD3B01C0Z

Applicant : ABILITY ENTERPRISE CO., LTD.

Address : No.200, Sec. 3, Zhonghuan Rd., Xinzhuang Dist.,New Taipei City 24242,Taiwan(R.O.C.)

Date of Receipt : Feb. 13, 2019

Date of Declaration : Mar. 21, 2019

Report No. : 1920076R-SAUSP03V00

Report Version : V1.0

Testing Laboratory
3023

Issued Date: Mar. 21, 2019
Report No.: 1920076R-SAUSP03V00

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Applicant	ABILITY ENTERPRISE CO., LTD.
Address	No.200, Sec. 3, Zhonghuan Rd., Xinzhuang Dist.,New Taipei City 24242,Taiwan(R.O.C.)
Manufacturer	ABILITY ENTERPRISE CO., LTD.
Model No.	VS0000Z
FCC ID.	2AAD3B01C0Z
Trade Name	ABILITY
Applicable Standard	FCC 47 CFR 1.1307 KDB 447498 D01 v06
Test Result	Complied

Documented By : Genie Chang

(Senior Adm. Specialist / Genie Chang)

Tested By : wen Lee

(Engineer / Wen Lee)

Approved By :

(Director / Vincent Lin)

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Pocket photo printer
Model No.	VS0000Z
Trade Name	ABILITY
FCC ID	2AAD3B01C0Z
Frequency Range	Bluetooth: 2402-2480MHz
Number of Channels	Bluetooth: 79 , BLE: 40
Data Speed	Bluetooth: 3Mbps , BLE: 1Mbps
Type of Modulation	Bluetooth: FHSS: GFSK(1Mbps) /π/4DQPSK(2Mbps) / 8DPSK(3Mbps) BLE: GFSK(1Mbps)
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

1.2. Antenna List :

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Unictron	AA055A	Chip Antenna	1.4dBi for 2.4GHz

2. RF Exposure Evaluation

2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

2.2. Measurement Result:

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz)≤3.0), SAR is required as shown in the table below where calculated values are greater than 3.0:

1.) Operation frequency = 2441MHz and antenna separation distance = 5mm,
SAR Test Exclusion Threshold = 10mW

Frequency Band (MHz)	Maximum AV output power Peak Gain: 1.4dBi			SAR Test Exclusion Threshold	Calculated Threshold Value (≦3.0 SAR is not required)
	conducted (dBm)	EIRP (dBm)	EIRP (mW)	(mW)	
2402~2480	6.37	7.77	5.98	10	1.885

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted maximum peak output power is refer to report No.: 1920076R-RFUSP01V00 and 1920076R-RFUSP01V00-B from the DEKRA.