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Statement of compliance to SAR

Application No. :	SHEM120100004905
Applicant:	BLUE BAMBOO HK LIMITED
	10/F COSCO TOWER GRAND MILLENNIUM PLAZA 183 QUEEN'S RAOD CENTRAL HK
FCC ID:	UWJP200
Fundamental Frequency :	13.56MHz
	2402-2480 MHz
Equipment Under Test (EUT):	
Marking:	BLUE BAMBOO
Name:	Printer
Model No.:	P200

Test Result : **PASS ***

* In the configuration tested, the EUT complied with the standards specified above.

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1. As we can see from the 13.56MHz maximum fundamental field strength is 73.37dBuv at 3M in the test report SHEM120100004904，based on the ANSI 63.10-2009 section 7.8.2 calculation the peak output power:

7.8.2 Calculation of the peak output power of the EUT

The peak output power of the EUT may be calculated from the measured peak field strength, if the gain of
the EUT radiating element is known, using Equation (5).

$$P = \frac{(Ed)^2}{30G}$$

P is the power, in W
E is the measured peak field strength, in V/m
d is the distance at which the measurement was made, in m
G is the numeric gain of the radiating element
If the gain of the radiating element is not known, then either the effective radiated power (ERP) or the effective isotropic radiated power (EIRP) may be calculated from the measured peak field strength, by using either *G* = 1.64 or *G* = 1, respectively, in Equation (5).

1.1 E is the measured maximum fundamental field strength in V/m
E=73.37dBuV/m=0.0047V/m

1.2 d is the distance in meters from which the field strength was measured.
d=3 meter

1.3 G is the numeric gain of the transmitting antenna with reference to an isotropic radiator.
G=1 numeric (Loop Antenna gain is 0dBi)

1.4 P is the power in watts for which you are solving:
P = (Ed) ^{2} /30G=(0.0047*3)^2 /30*1=0.000006627W=0.006627mW

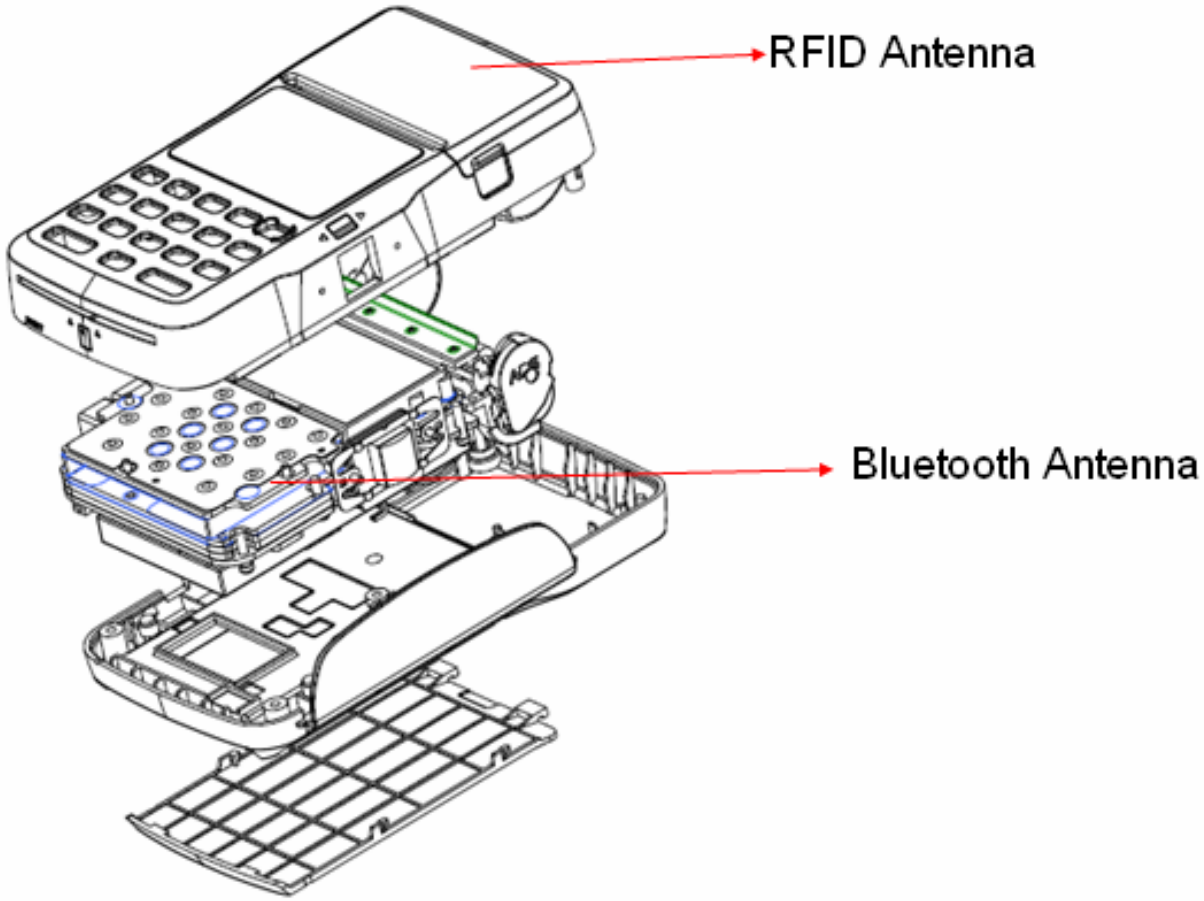
2. As we can see from the Bluetooth maximum output power in the report SHEM120100004903:

Test Channel	Modulation	Fundamental Frequency (GHz)	Reading Power (dBm)	Cable Loss (dB)	Output Power		Limit (dBm)
					(dBm)	(mW)	
Lowest	GFSK	2.402	0.83	0.6	1.43	1.39	30
	π/4-DQPSK		-1.14	0.6	-0.54	0.88	30
	8DPSK		-0.94	0.6	-0.34	0.92	30
Middle	GFSK	2.441	0.29	0.6	0.89	1.23	30
	π/4-DQPSK		-1.73	0.6	-1.13	0.77	30
	8DPSK		-1.49	0.6	-0.89	0.81	30

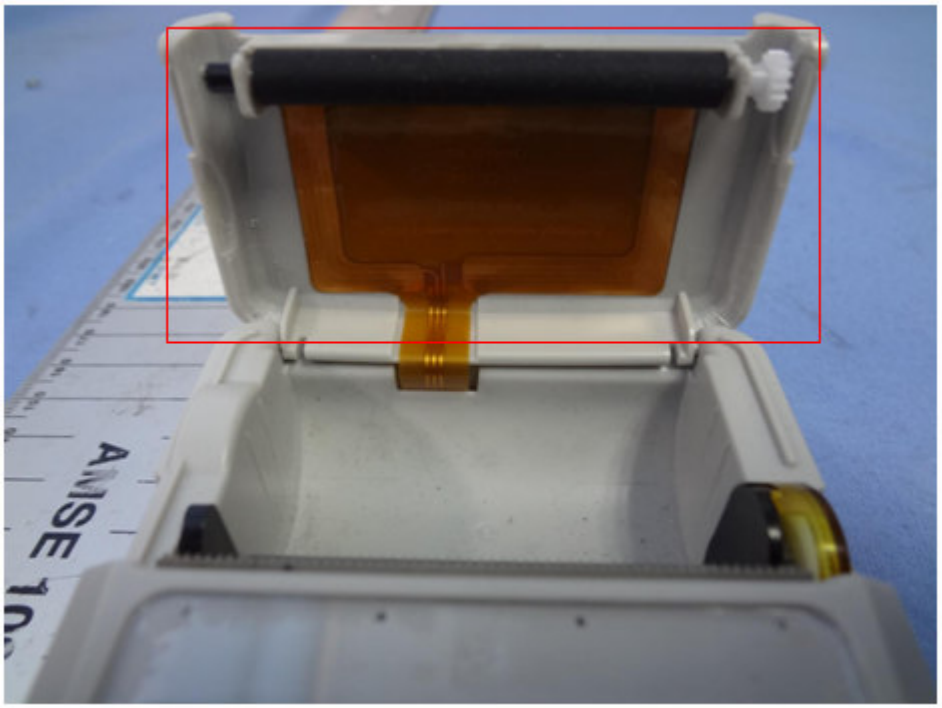
Highest	GFSK	2.480	-0.04	0.6	0.56	1.14	30
	π/4-DQPSK		-1.75	0.6	-1.15	0.77	30
	8DPSK		-1.51	0.6	-0.91	0.81	30

The maximum Average power = 1.43dBm
Bluetooth antenna gain=1.0dBi
EIRP of EUT = P+G = 1.43 + 1.0 = 2.43dBm = 1.75mW

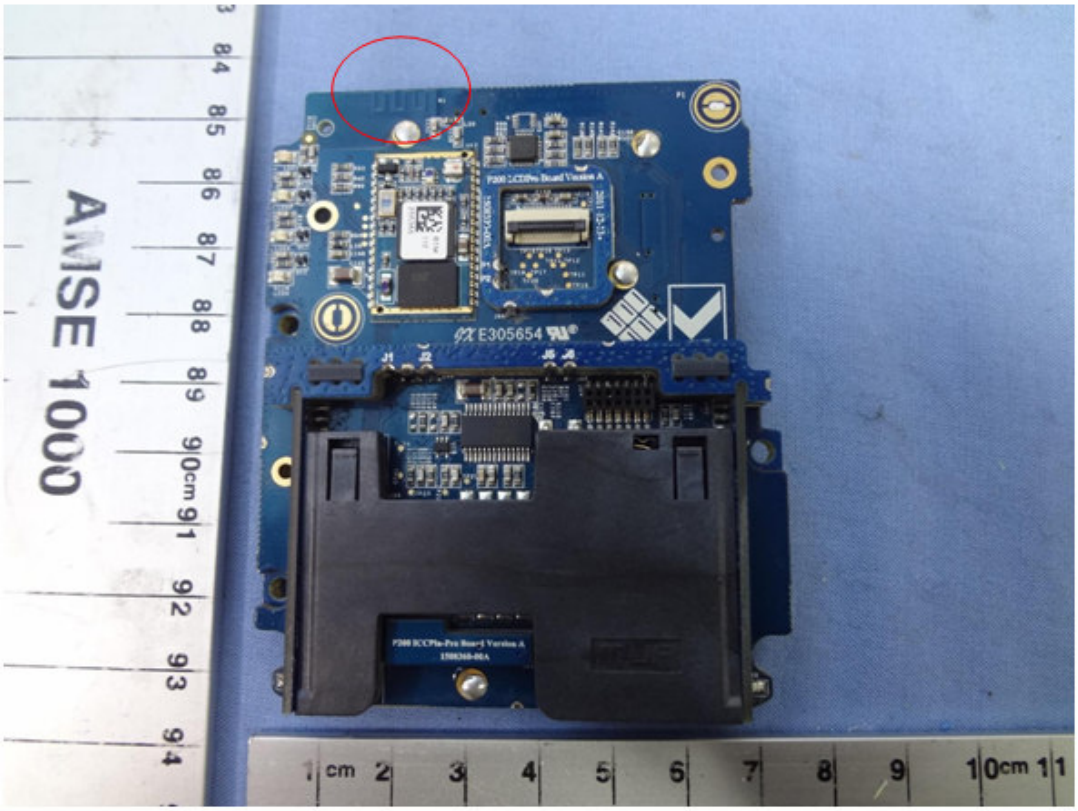
3.RFID antenna and Bluetooth antenna distance is 3 cm



RFID at the top of the EUT

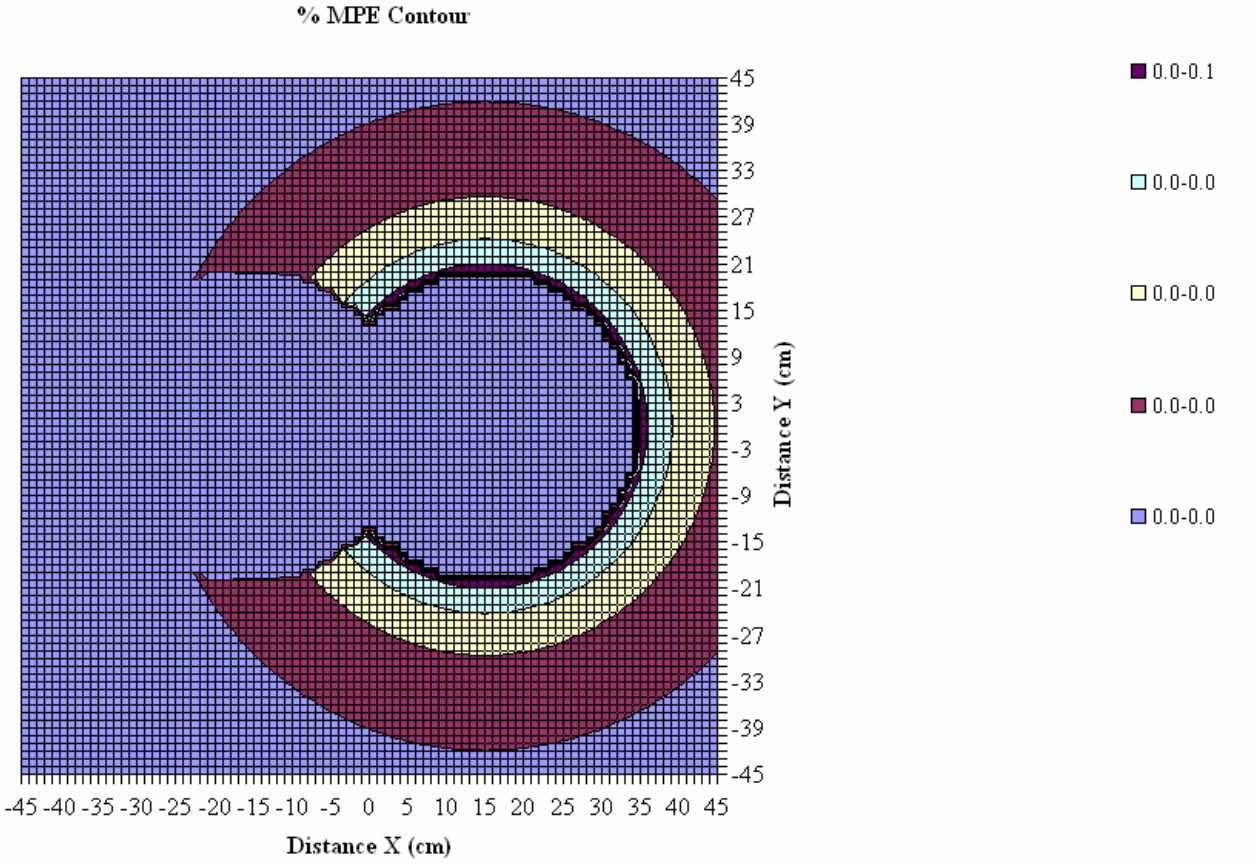


Bluetooth antenna



4.MPE Contour

Antenna No.		Total	1	2	3	4	5	6
Tx Status			On	On	Off	Off	Off	Off
Frequency	MHz		13.56	2500	1900	2450	2450	5800
MPE Limit	mW/cm^2		0.98	1.00	0.00	0.00	0.00	0.00
Max % MPE	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Power	(W)	0.002	0.000	0.002	0.000	0.000	0.000	0.000
Antenna Gain	dBi		0.00	1.00	3.00	1.50	0.50	1.00
EIRP	(W)	0.00	0.000	0.002	0.000	0.000	0.000	0.000
X	(cm)		-15.0	15.0	12.0	4.0	-8.0	8.0
Y	(cm)		0.0	0.0	0.0	0.0	0.0	0.0
Sector			FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
Arc			FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
θ_1	degs	input	-120	-120	-120	-120	-120	-120
θ_2			60	60	60	60	60	60
θ_1		actual	-120	-120	-120	-120	-120	-120
θ_2			60	60	60	60	60	60



END OF THE REPORT