

TEST REPORT

Report Number	90759-25-72-25-PP003	
Date of issue	2025-08-15	
Prepared by (+signature)	Pale	
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Approved by (+signature)	Jason	
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Applicant's name	Zhuhai Hengmao Electronic Technology Co., Ltd	
Address	Area A, 2/F, Building 3, No.639, Huayu Road, Zhuhai City, Guangdong Province, P.R.China	
Manufacturer's name	Same as applicant	
Address	Same as applicant	
Factory's name	Same as applicant	
Address	Same as applicant	
Standard(s)	§15.247(i), §2.1093	
Test item description	Instant Print Camera, Camera Instant Printer, Instant Photo Camera, Printing Camera, Mini Instant Print Camera, Mini Photo Printer, Portable Thermal Printer, Portable Photo Printer, Pocket Photo Printer, Mobile Photo Printer, Ink-Free Photo Printer, kids Camera, Girls Camera, Print Camera, Toy Camera, Printable Camera, Printing Camera, Kids Instant Camera, Kids Instant Print Camera, Kids Camera Instant Print, Digital Camera	
Trade Mark	N/A	
Model/Type reference	Q2 (See Page 4 for series model)	
FCC ID	2BCBZ-Q2	
Date of receipt of test item	2025-08-04	
Date (s) of performance of test:	2025-08-05 to 2025-08-14	
Summary of Test Results	Pass	
The Summary of Test Results based on a technical opinion belongs to the standard(s).		
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Table of Contents

1. EUT SPECIFICATION.....	4
2. TEST REQUIREMENT:.....	5
3. MEASUREMENT RESULT	6

Modified History

Report No.	Revision Date	Summary
90759-25-72-25-PP003	2025-08-15	Original Report

1. EUT Specification

Characteristics	Description
Product:	Instant Print Camera, Camera Instant Printer, Instant Photo Camera, Printing Camera, Mini Instant Print Camera, Mini Photo Printer, Portable Thermal Printer, Portable Photo Printer, Pocket Photo Printer, Mobile Photo Printer, Ink-Free Photo Printer, kids Camera, Girls Camera, Print Camera, Toy Camera, Printable Camera, Printing Camera, Kids Instant Camera, Kids Instant Print Camera, Kids Camera Instant Print, Digital Camera
Model Number:	Q1, Q2, Q3, Q5, Q6, Q7, Q8, Q9, Q10, Q2Pro, Q2Max, Q2Plus, Q2Lite, A1, A2, A3, A5, A6, A7, A8, A9, A10, A01, A02, A03, A05, A06, A07, A08, A09, A10, B1, B2, B3, B5, B6, B7, B8, B9, B10, B02, B03, C1, C2, C3, C5, C6, C7, C8, C9, C10, C02, C03, P1, P2, P3, P5, P6, P7, P8, P9, P10, P02, P03, S1, S2, S3, S5, S6, S7, S8, S9, S10, S02, S03, T1, T2, T3, T5, T6, T7, T8, T9, T10, T02, T03, Y1, Y2, Y3, Y5, Y6, Y8, Y9, Y10, Y01, Y02, Y03, Y05, Y06, Y07, Y08, Y09, Y10, KD-01, KD-02, KD-03, KD-05, KD-06, KD-07, KD-08, KD-09, KD-10. (Note: All the models are exactly the same, except for the model names, the colors of the shells and the input parameters."Q2" for test only.)
Sample:	1#
Device Type:	Bluetooth V5.2
Data Rate:	DSS: 1Mbps for GFSK modulation DTS: 1Mbps for GFSK modulation
Modulation:	DSS: GFSK DTS: GFSK(1M)
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	DSS: 79 channels DTS: 40 channels
Transmit Power Max:	DSS: -0.52 dBm GFSK DTS: -0.58 dBm
Antenna Gain:	4.85 dBi
Power supply:	/
Evaluation applied:	<input type="checkbox"/> MPE Evaluation <input checked="" type="checkbox"/> SAR Evaluation

2. Test Requirement:

RF EXPOSURE EVALUATION

According to §15.247(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR,}^{24} \text{ where}$

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation²⁵
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by §2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

One antenna is available for the EUT. The minimum separation distance is 5mm.

3. Measurement Result

Mode		Transmit Frequency(MHz)	Measured Power(dBm)	Tune upPower(dBm)	Max tune up power(dBm)	Calculation Result	1-g SAR
BT	GFSK	2402	-0.8	-1±1	0	0.309968	3
	GFSK	2441	-0.52	-1±1	0	0.312474	3
	GFSK	2480	-0.78	-1±1	0	0.314960	3
BLE	GFSK(1M)	2402	-0.87	-1±1	0	0.309968	3
	GFSK(1M)	2441	-0.58	-1±1	0	0.312410	3
	GFSK(1M)	2480	-0.86	-1±1	0	0.314960	3

According to KDB 447498 D01 General RF Exposure Guidance v06, no stand-alone required for BT antenna, and no simultaneous SAR measurement is required.

*** End of Report ***

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