

TEST REPORT

Product Name : BT MET. SQ HP SHC PRINT
Model Number : HP-0738, HP-0731, HP-0732, HP-0218, HP-0068
FCC ID : 2ADM5-HP-0738

Prepared for : Zeeva Int Ltd
Address : 1007B-8, 1012 & 15, 10th Fl, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong

Prepared by : EMTEK (SHENZHEN) CO., LTD.
Address : Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

TEL:(0755) 26954280
FAX:(0755) 26954282

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1. TEST RESULT CERTIFICATION

Applicant : Zeeva Int Ltd
Address : 1007B-8, 1012 & 15, 10th Fl, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong
EUT : BT MET. SQ HP SHC PRINT
Model Name : HP-0738, HP-0731, HP-0732, HP-0218, HP-0068
Trademark : N/A

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
§ 15.247(i), § 2.1093	PASS

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.247(i), § 2.1093.

The test results of this report relate only to the tested sample identified in this report

Date of Test : Sep 02, 2025 to Sep 18, 2025

Prepared by : 
Una Yu /Editor

Reviewer : 
Joe Xia/Supervisor

Approve & Authorized Signer : 
Lisa Wang/Manager



Modified History

Version	Report No.	Revision Date	Summary
	ENS2509020214W00202R	/	Original Report



2. EUT Specification

Characteristics	Description
Product:	BT MET. SQ HP SHC PRINT
Model Number:	HP-0738, HP-0731, HP-0732, HP-0218, HP-0068 All products are identical except the model number, color and appearance. Here we selected HP-0738 for all the test. More details refer to attach table on page 5.
Sample:	1#
Data Rate:	1Mbps for GFSK modulation 2Mbps for $\pi/4$ -DQPSK modulation 3Mbps for 8DPSK modulation
Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	79 channels
Transmit Power Max:	-4.10 dBm(0.000389W)
Antenna Gain:	3.3 dBi
Power supply:	DC 5V from USB DC 3.7V from battery
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

	Color	SKU	UPC
HP-0738	BLUE	9227642	1922341098753
	PURPLE	9227643	1922341098760
	PINK	9227644	1922341098777
HP-0068	BLUE	9219094	1922341076546
HP-0218	PINK	6680083	1922345450946
	PURPLE	6680084	1922345450953
	BLUE	6680085	1922345450960
HP-0732	BLACK	9189885	1922348136649
	PINK	9189886	1922348136656
	GRAY	9195804	1922344859139
HP-0731	BLACK	9097984	1922342844137
	PINK	9097985	1922342844144
	MEDIUM BLUE	9182547	1922346334221
	CREAM	9182548	1922346334238

3. Test Requirement

SAR Evaluation

According to 447498 D01 V06, 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:

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

4. Measurement Result

Antenna gain: 3.3 dBi

Transmit Frequency (MHz)	Mode	Measured Power (dBm)	EIRP (dBm)	Tune up Power (dBm)	Max tune up power (dBm)	Calculation Result	Calculation threshold(1-g SAR)
2402	GFSK	-4.85	-1.55	-1±1	0	0.3100	3
2441	GFSK	-5.58	-2.28	-2±1	-1	0.2482	3
2480	GFSK	-5.73	-2.43	-2±1	-1	0.2502	3
2402	Π/4-DQPSK	-4.35	-1.05	-1±1	0	0.3100	3
2441	Π/4-DQPSK	-5.08	-1.78	-1±1	0	0.3125	3
2480	Π/4-DQPSK	-5.13	-1.83	-1±1	0	0.3150	3
2402	8DPSK	-4.1	-0.8	0±1	1	0.3902	3
2441	8DPSK	-4.73	-1.43	-1±1	0	0.3125	3
2480	8DPSK	-4.93	-1.63	-1±1	0	0.3150	3

According to KDB 447498 D01 V06, no stand-alone required for BT antenna, and no simultaneous SAR measurement is required.

*** End of Report ***