

TEST REPORT

Product Name : 7IN TABLET
Model Number : TL-0001
FCC ID : 2ADM5-TL-0001

Prepared for : Zeeva International Limited
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Report Number : EDG2407190030E00103R
Date(s) of Tests : Jul 19, 2024 to Aug 30, 2024
Date of issue : Aug 30, 2024

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1. TEST RESULT CERTIFICATION

Applicant : Zeeva International Limited
Address : Suite 1007B, 10th Floor, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong, China
Manufacturer : Zeeva International Limited
Address : Suite 1007B, 10th Floor, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong, China
EUT : 7IN TABLET
Model Name : TL-0001
Trademark : N/A

Measurement Procedure Used:

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

The above equipment was tested by EMTEK(DONGGUAN) 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 : Jul 19, 2024 to Aug 30, 2024

Prepared by :

Warren Deng

Warren Deng /Editor

Reviewer :

Tim Dong

Tim Dong /Supervisor

Approve & Authorized Signer :

 

Sam Lv / Manager

Modified History

Version	Report No.	Revision Date	Summary
	EDG2407190030E00103R	/	Original Report



2. EUT Specification

Characteristics	Description
Product:	7IN TABLET
Model Number:	TL-0001
SKU:	9165847
UPC:	1922340395013
COLOR:	BLACK
Sample:	1#
Data Rate:	1Mbps for GFSK modulation 2Mbps for $\pi/4$ -DQPSK modulation 3Mbps for 8DPSK modulation DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n; OFDM with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11ax;
Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK, DSSS, OFDM
Operating Frequency Range(s) :	2402-2480MHz for BT 2412-2462MHz for 802.11b/g/n(HT20)/ax(HE20); 2422-2452MHz for 802.11n(HT40)/ax(HE40);
Number of Channels:	BT: 79 channels 11 channels for 802.11b/g/n(HT20)/ax(HE20); 7 Channels for 802.11n(HT40)/ax(HE40);
Transmit Power Max:	BT:-1.12 dBm(0.000773W) 2.4G WIFI:8.46 dBm(0.007015mW)
Antenna Gain:	1.42 dBi
Power supply:	DC 5V from USB DC 3.8V from battery
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

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: 1.42 dBi

Transmit Frequency (MHz)	Mode	Measured Power (dBm)	Tune up Power (dBm)	Max tune up power (dBm)	Calculation Result	Calculation threshold(1-g SAR)
2402	GFSK	-4.17	-4±1	-3	0.1554	3
2441	GFSK	-4.60	-4±1	-3	0.1566	3
2480	GFSK	-6.85	-6±1	-5	0.0996	3
2402	Π/4-DQPSK	-1.14	-1±1	0	0.3100	3
2441	Π/4-DQPSK	-1.65	-1±1	0	0.3125	3
2480	Π/4-DQPSK	-3.97	-3±1	-2	0.1987	3
2402	8DPSK	-1.12	-1±1	0	0.3100	3
2441	8DPSK	-1.86	-1±1	0	0.3125	3
2480	8DPSK	-3.88	-3±1	-2	0.1987	3

Transmit Frequency (MHz)	Mode	Measured Power (dBm)	Tune up Power (dBm)	Max tune up power (dBm)	Calculation Result	Calculation threshold(1-g SAR)
2412	11B	8.46	8±1	9	2.4673	3
2437	11B	7.91	8±1	9	2.4800	3
2462	11B	8.11	8±1	9	2.4927	3
2412	11G	7.67	8±1	9	2.4673	3
2437	11G	6.69	7±1	8	1.9700	3
2462	11G	6.38	6±1	7	1.5728	3
2412	11N20SISO	7.49	7±1	8	1.9598	3
2437	11N20SISO	6.53	6±1	7	1.5648	3
2462	11N20SISO	6.31	6±1	7	1.5728	3
2422	11N40SISO	6.86	7±1	8	1.9639	3
2437	11N40SISO	6.26	6±1	7	1.5648	3
2452	11N40SISO	6.12	6±1	7	1.5696	3
2412	11AX20SISO	7.53	7±1	8	1.9598	3
2437	11AX20SISO	6.72	7±1	8	1.9700	3
2462	11AX20SISO	6.25	6±1	7	1.5728	3
2422	11AX40SISO	6.92	7±1	8	1.9639	3
2437	11AX40SISO	6.60	7±1	8	1.9700	3
2452	11AX40SISO	5.89	6±1	7	1.5696	3

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

*** End of Report ***