KDB 447498 D03
47 C.F.R. Part 1, Subpart I, Section 1.1310
47 C.F.R. Part 2, Subpart J, Section 2.1091

RF EXPOSURE REPORT

For

13.3" LCD w/Wireless Charger Module

Model: DPD1334-STQ-Q01, DPD1334-STQ-QXX (X=0~9)

Trade Name: Litemax

Issued to

Litemax Electronics Inc.
7F-1, No. 135, Lane 235, Baoqiao Rd., Xindian Dist., New Taipei City, Taiwan 23145

Issued by

Compliance Certification Services Inc.
Wugu Laboratory
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan. (R.O.C.)
Issued Date: September 08, 2020

Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	July 29, 2020	Initial Issue	ALL	May Lin
01	August 21, 2020	See the following Note Rev. (01)	P.5, P.8	May Lin
02	September 08, 2020	See the following Note Rev. (02)	P.1, P.5	May Lin

Rev (01):
1. Revised the section 2、section 6.

Rev (02):
1. Revised the product name.

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1. TEST RESULT CERTIFICATION

APPLICABLE STANDARDS	
STANDARD	**TEST RESULT**
KDB 447498 D03 47 C.F.R. Part 1, Subpart I, Section 1.1310 47 C.F.R. Part 2, Subpart J, Section 2.1091	No non-compliance noted
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

Approved by:

Kevin Tsai
Deputy Manager
Compliance Certification Services Inc.

2. EUT SPECIFICATION

EUT	13.3" LCD w/Wireless Charger Module
Model	DPD1334-STQ-Q01, DPD1334-STQ-QXX (X=0~9)
Trade Name	Litemax
Model Discrepancy	All the above models are identical except for the designation of model numbers. The suffix of (X=0~9) on model number is just for marketing purpose only.
Frequency band (Operating)	☒ 110kHz~145kHz ☐ Others
Device category	☐ Portable (<20cm separation) ☒ Mobile (>20cm separation) ☐ Others
Exposure classification	☐ Occupational/Controlled exposure ☒ General Population/Uncontrolled exposure (E=614 V/m ; H=1.63 A/m)
Antenna Specification	Coil Antenna
Result Power	110kHz~145kHz 92.47 dBuV/m (3m)
Evaluation applied	☒ MPE Evaluation* ☐ SAR Evaluation ☐ N/A
Received Date	June 15, 2020
Date of Test	July 21, 2020

3. MEASUREMENT EQUIPMENT USED

Equipment Used for Emissions Measurement

RF Conducted Test Site					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal Date**	**Cal Due**
Field Meter	Wavecontrol	SMP2	19SN1198	08/12/2019	08/11/2021
Probe (1Hz~400kHz)	Wavecontrol	WP400	19WP100597	08/12/2019	08/11/2021
Software	N/A				

Remark: *Each piece of equipment is scheduled for calibration once a year.*

4. FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at

No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)

Test site	Test Engineer	Remark
RF Conducted	Jane Wang	-

Remark: *The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.*

5. LIMIT

Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(b), 1.1310.

§1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of FCC part 2.1093 of the chapter.

TABLE 1 - LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	* 100	6
3.0-30	1842/f	4.89/f	* $900/f^2$	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	**614**	**1.63**	* 100	30
1.34-30	824/f	2.19/f	* $180/f^2$	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz
* = Plane-wave equivalent power density

Note 1 to Table 1: Occupational/controlled exposure limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when a person is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Note 2 to Table 2: General population/uncontrolled exposure limits apply in situations in which the general public may be exposed, or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

6. TEST RESULTS

No non-compliance noted.

Temperature: 24℃ **Test Date:** July 21, 2020

Humidity: 50% RH **Pressure:** 1013 hPa / 760 mmHg

E-Field Strength

Frq. (kHz)	Probe Position S1 (V/m)	Probe Position S2 (V/m)	Probe Position S3 (V/m)	Probe Position S4 (V/m)	Probe Position From (V/m)	Limits (V/m)
Distance	15cm	15cm	15cm	15cm	20cm	
110~145	91.22	80.67	87.72	84.84	91.67	614

H-Field Strength

Frq. (kHz)	Probe Position S1 (A/m)	Probe Position S2 (A/m)	Probe Position S3 (A/m)	Probe Position S4 (A/m)	Probe Position From (A/m)	Limits (A/m)
Distance	15cm	15cm	15cm	15cm	20cm	
110~145	0.19	0.19	0.19	0.19	0.22	1.63

- End of Test Report -