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Draft Laboratory Division Publications (Expired)

Draft Publication Moderation Policy

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Equipment Authorization Presentations

Equipment Authorization System (EAS)

Currently Displaying Inquiry Tracking Number: 786352

Contact Information:

Customer First Name:	Chris
Customer Last Name:	Chen
Telephone Number:	+86-769-89982098
Extension:	8007
E-mail Address:	chris-b.chen@bureauveritas.com

Address:

Line 1:	No.34, Chenwulu Section, Guantai Rd., Houjie Town,
Line 2:	Dongguan City, Guangdong, China.
P.O. Box:	
City:	Dongguan
State:	
Zip Code:	523942
Country:	China

Inquiry Details on 05/11/2020:

First category:	RF Exposure *
Second category:	Portable (2.1093)
Third category:	
Subject:	wireless charger RF exposure test method

Inquiry: Dear Sir / Madam,

At now, we has one new project which is a wireless charger, it's define as a portable device and have two coils. so it's not comply KDB 680106 Item 5b (3) & (5). so can you tell me how to apply FCC ID? any additional documents need provide except conventional documents ?

For RF exposure testing, E-Field probe test with 15cm distance surrounding the device or 0cm distance ??

any additional testing need do ?

FCC Response on 05/13/2020:

Thank you for your inquiry. Please refer to slides 10-13 from the RF Exposure Procedures presentation at the November 2019 TCB Workshop. These slides give testing guidance for small, portable, wireless power transfer devices. They can be found online at: https://www.fcc.gov/general/equipment-authorization-presentations

---Reply from Customer on 05/14/2020---

Hi, Sir/Madam,

thank you for reply quickly. workshop page 13 not showed very clearly for portable WPT, and our product E-Field measurement data less than 10% limit (61.4V/m), but H-Field measurement data more than 10% limit (0.163A/m) at test distance 15cm/20cm, so how can we do then comply related KDB,

Can you help advise, tks

remark:attachment is our MPE test report for you refer, tks

---Reply from Customer on 05/21/2020---

Hi, Sir / Madam,

can you help us soon, we want to know how to testing, tks

FCC Response on 05/27/2020:

Thank you for your response. I am confused by your test report. In your report you have several tests with the device offset from the center of the charging coil. This is not in accord with the FCC guidance from either KDB Publication 680106 or the November 2019 TCB Workshop. The client device should be centered on the charging coil and then the measurements taken at the distances indicated in the November 2019 TCB Workshop slides.

---Reply from Customer on 05/28/2020---

Hi, Sir / Madam,

thank you very much for professional reply. we retest and update test report already, can you help us check again, sorry to bother you~~~

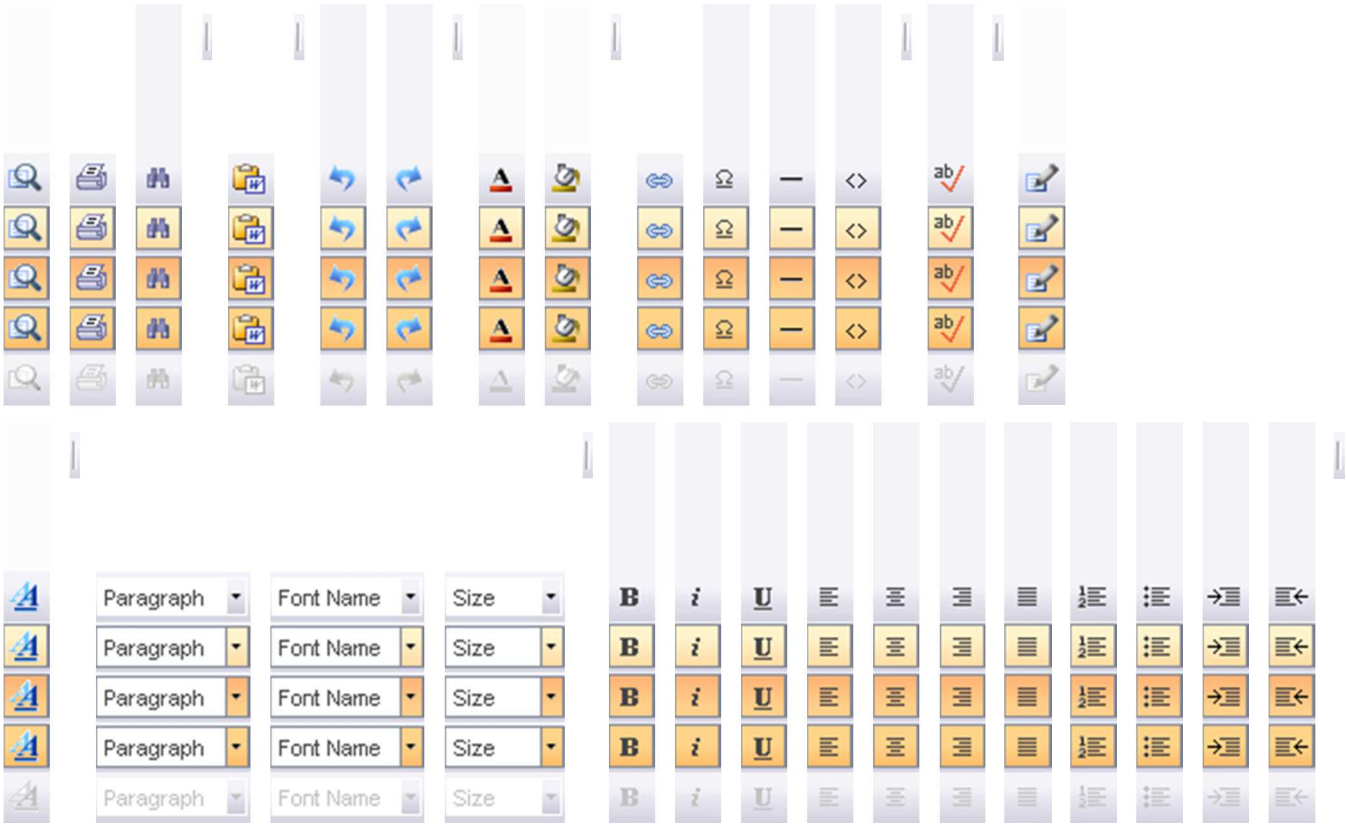
---Reply from Customer on 06/05/2020---

Hi, Sir / Madam,

Can you help us check soon, our buyer Apple push us urgently, thank you very much!!!

Attachment List:

EUT photo
RF exposure report
RF exposure report
user manual



Arial (Arial)	Modern (Modern)
Arial Black (Arial Black)	*Monotype Corsiva* (Monotype Corsiva)
Arial Narrow (Arial Narrow)	Palatino Linotype (Palatino Linotype)
Book Antiqua (Book Antiqua)	Roman (Roman)
Bookman Old Style (Bookman Old Style)	Script (Script)
Century Gothic (Century Gothic)	Small Fonts (Small Fonts)
Comic Sans MS (Comic Sans MS)	Σψμβολ (Symbol)
Courier New (Courier New)	Tahoma (Tahoma)

Franklin Gothic Medium (Franklin Gothic Medium)	Times New Roman (Times New Roman)
Garamond (Garamond)	Trebuchet MS (Trebuchet MS)
Georgia (Georgia)	Verdana (Verdana)
Impact (Impact)	▶🏛🚲❤ⓘ⬤■? (Webdings)
Lucida Console (Lucida Console)	✞✡■♈♎✡■♈♦ (Wingdings)
Lucida Sans (Lucida Sans)	
Lucida Unicode (Lucida Unicode)	

SUBMIT

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Please use the Submit Inquiry link at www.fcc.gov/labhelp to send any comments or suggestions for this site

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
More FCC Contact Information...

Phone: 888-CALL-FCC (225-5322)
TTY: 888-TELL-FCC (835-5322)
Fax: 202-418-0232
E-mail: fccinfo@fcc.gov