

Cover Letter-Wireless Charger Approval

Date: 2023/07/11

Gentlemen:

We request your authorization for a wireless charger for our EEG device, via an inductive wireless power transfer mechanism.

The specific product as below, Spotlight, with its designed features and specified description, meets special requirements for KDB 680106 D01 section 5.2 requirements.

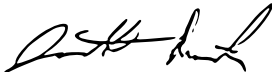
Company:	Beacon Biosignals, Inc.
Product Name:	Spotlite
Model Number:	BB420
FCC ID:	2A9Z6-BB420

KDB 680106 D01 Section 5.2 Requirements	Product Technical Specification	Reply
a) Power transfer frequency is less than 1 MHz	174.2-176.5kHz	Yes
b) Output power from each primary coil is less than or equal to 15 watts.	5W Max	Yes
c) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils		Yes
d) Client device is placed directly in contact with the transmitter.		Yes
e) Mobile exposure conditions only		Yes
f) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.	Please refer to RF exposure report	Yes

Print Name: Jarrett Revels

Title: CTO

Signature:



On behalf of Company: Beacon Biosignals, Inc

Telephone: (804) 517-5155

E-mail: jarrett@beacon.bio