

Registration number: W6M22105-20884-C-1

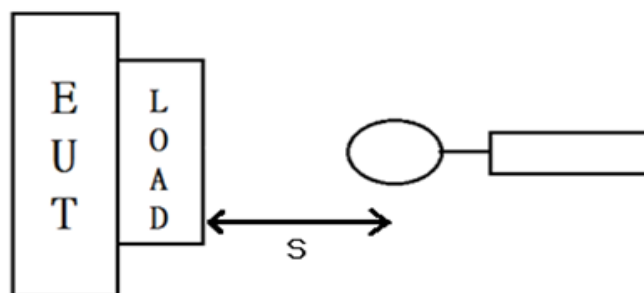
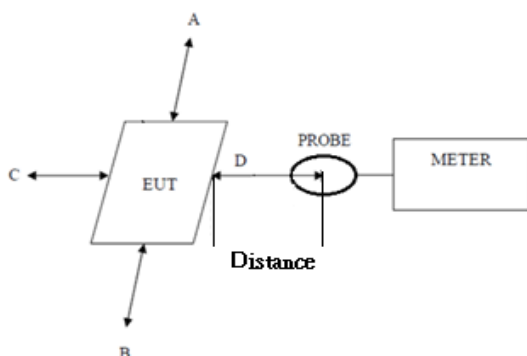
FCC ID: 2A2BCPG-156

3.5 RF Exposure Compliance Requirements

Test standard : FCC KDB Publication

680106 D01 RF Exposure Wireless Charging App v03r01

Probe from EUT Side



All of the following requirements as below:

- (1) Power transfer frequency is less than 1 MHz.
- (2) Output power from each primary coil is less than or equal to 15 watts.
- (3) The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.
- (4) Client device is placed directly in contact with the transmitter.
- (5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).
- (6) The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.



Worldwide Testing Services(Taiwan) Co., Ltd.

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Test Result:

PG-156				
Operation Frequency (MHz)	Test Distance (cm)	Probe from EUT Side	E-Field strength (V/m)	H-Field strength (A/m)
QI	15	A	1.093	0.02
QI	15	B	1.723	0.051
QI	15	C	1.869	0.033
QI	15	D	1.747	0.044
QI	20	S	1.24	0.036
Limit			614	1.63

Note: The test compliance with RF exposure requirements.

Limit:

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 Exposures				
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
300-1500	/	/	f/300	6
1500-100,000	/	/	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
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

F=frequency in MHz
 *=Plane-wave equivalent power density
 RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules.
 The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).