belkin



BELKIN INTERNATIONAL

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Applicant	Belkin International, Inc.			
FCC ID: K7SF2CU053				
RF Exposure Requirements (FCC KDB 680106 D01)				
Requirements	Statements			
(a)	326.5KHz			
Power transfer frequency is less that 1 MHz	Please refer to report product specification			
(b)	Less than 5W			
Output power from each primary coil is less than 5 watts				
(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	Single coil			
(d) Client device is inserted in or placed directly in contact with the transmitter	Client device is placed directly in contact with the transmitter			
(e) The maximum coupling surface area of the transmit (charging) device is between 60 cm ₂ and 400 cm ₂ .	7.95cm2 (diameter = 31.82mm)			



(f)

Aggregate leakage fields at 10 cm surrounding the device from all simultaneous transmitting coils are demonstrated to be less than 30% of the MPE limit.

Charging mode					
E-Field Measurement (10cm)					
EUT Side	Left	Right	Тор	Bottom	Z-axis (Above)
Max E-field (V/m)	0.47	0.44	0.53	0.65	0.56
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.53	-613.56	-613.47	-613.35	-613.44
70 % Limit (V/m)	429.8	429.8	429.8	429.8	429.8
70 % Margin (V/m)	-429.471	-429.492	-429.429	-429.345	-429.408

H-Field Measurement (10cm)					
EUT Side	Left	Right	Тор	Bottom	Z-axis (Above)
Max H-field (uT)	0.242	0.248	0.247	0.244	0.246
Max H-field (A/m)	0.1936	0.1984	0.1976	0.1952	0.1968
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4364	-1.4316	-1.4324	-1.4348	-1.4332
70 % Limit (A/m)	1.141	1.141	1.141	1.141	1.141
70 % Margin (A/m)	-1.00548	-1.00212	-1.00268	-1.00436	-1.00324

Standby mode					
E-Field Measurement (10cm)					
EUT Side	Left	Right	Тор	Bottom	Z-axis (Above)
Max E-field (V/m)	0.29	0.32	0.43	0.56	0.48
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.71	-613.68	-613.57	-613.44	-613.52
70 % Limit (V/m)	429.8	429.8	429.8	429.8	429.8

-429.499

-429.408

-429.464

-429.576

70 % Margin (V/m)

-429.597

H-Field Measurement (10cm)					
EUT Side	Left	Right	Тор	Bottom	Z-axis (Above)
Max H-field (uT)	0.242	0.242	0.243	0.244	0.241
Max H-field (A/m)	0.1936	0.1936	0.1944	0.1952	0.1928
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4364	-1.4364	-1.4356	-1.4348	-1.4372
70 % Limit (A/m)	1.141	1.141	1.141	1.141	1.141
70 % Margin (A/m)	-1.00548	-1.00548	-1.00492	-1.00436	-1.00604

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