



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: 2ACGV-MSB45X0

Project No. : 1405C029
Equipment : SOUNДАР SPEAKER
Model : MSB4550
Applicant : Eastech Electronics (Hui Yang) Co. Ltd
Address : Dong Fong District, Xinxu, Hui Yang, Hui Zhou, Guangdong

According: : FCC Guidelines for Human Exposure IEEE C95.1

Neutron Engineering Inc.

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Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed	N/A	1.44

TEST RESULTS

EUT:	SOUNDAR SPEAKER	Model Name :	MSB4550
Temperature:	25 °C	Relative Humidity :	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	1Mbps /CH01, CH39, CH78		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.44	1.3932	2.19	1.6558	0.00045915	1	Complies
1.44	1.3932	1.48	1.4060	0.00038990	1	Complies
1.44	1.3932	0.38	1.0914	0.00030266	1	Complies

EUT:	SOUNDAR SPEAKER	Model Name :	MSB4550
Temperature:	25 °C	Relative Humidity :	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	3Mbps /CH01, CH39, CH78		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.44	1.3932	1.57	1.4355	0.00039806	1	Complies
1.44	1.3932	1.08	1.2823	0.00035559	1	Complies
1.44	1.3932	0.09	1.0209	0.00028311	1	Complies

Note: the calculated distance is 20 cm.