



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: 2ACGV-MSB45X0W

Project No. : 1405C029A
Equipment : SOUNДАР SPEAKER
Model : MSB4560
Applicant : Eastech Electronics (Hui Yang) Co. Ltd
**Address : Dong Fong District, Xinxu, Hui Yang, Hui
Zhou, Guangdong, China**

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

Neutron Engineering Inc.

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Table for Filed Antenna

BT

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

WIRELESS

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed	N/A	2



TEST RESULTS

EUT:	SOUNDAR SPEAKER	Model Name :	MSB4560
Temperature:	25 °C	Relative Humidity :	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	1Mbps /CH00, 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	2.14	1.6368	0.00045389	1	Complies
1.44	1.3932	1.46	1.3996	0.00038811	1	Complies
1.44	1.3932	0.39	1.0940	0.00030335	1	Complies

EUT:	SOUNDAR SPEAKER	Model Name :	MSB4560
Temperature:	25 °C	Relative Humidity :	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	3Mbps /CH00, 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	1.56	1.4322	0.00039715	1	Complies
1.44	1.3932	1.05	1.2735	0.00035314	1	Complies
1.44	1.3932	0.06	1.0139	0.00028116	1	Complies

EUT:	SOUNDAR SPEAKER	Model Name :	MSB4560
Temperature:	25 °C	Relative Humidity :	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX /CH01, CH04, CH08		

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
2	1.5849	14.1	25.7040	0.00810868	1	Complies
2	1.5849	13.33	21.5278	0.00679126	1	Complies
2	1.5849	14.08	25.5859	0.00807143	1	Complies

Note: the calculated distance is 20 cm.