FCC RF EXPOSURE REPORT

FCC ID: XEG-VLS3BT

Project No.	**: 1512C186**
Equipment	**: Powered Desktop Monitors, Powered Speakers**
Model	**: VL-S3BT, LS-M100BT**
Applicant	**: TEAC Corporation**
Address	**: 1-47 Ochiai,Tama-shi,Tokyo 206-8530,Japan**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	Printed	N/A	0

TEST RESULTS

EUT：	Powered Desktop Monitors,Powered Speakers	Model Name :	VL-S3BT, LS-M100BT
Temperature：	25 ℃	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	TX Mode _1Mbps		

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
0	1.0000	-3.87	0.4102	0.00008165	1	Complies
0	1.0000	-1.84	0.6546	0.00013030	1	Complies
0	1.0000	-1.82	0.6577	0.00013090	1	Complies

EUT：	Powered Desktop Monitors,Powered Speakers	Model Name :	VL-S3BT, LS-M100BT
Temperature：	25 ℃	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	TX Mode _3Mbps		

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
0	1.0000	-4.87	0.3258	0.00006486	1	Complies
0	1.0000	-2.64	0.5445	0.00010838	1	Complies
0	1.0000	-2.74	0.5321	0.00010591	1	Complies

Note: the calculated distance is 20 cm.