

# **FCC RF EXPOSURE REPORT**

**FCC ID: ATMXHM26**

**Project No. : 1605C088**  
**Equipment : CD RECEIVER SYSTEM**  
**Model : X-HM26**  
**Applicant : Onkyo Corporation**  
**Address : 2-1 Nisshin-cho, Neyagawa-shi Osaka**  
**572-8540 Japan**  
**According: : FCC Guidelines for Human Exposure IEEE**  
**C95.1**

**B T L I N C .**

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## MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

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

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	Internal	N/A	2.3

## TEST RESULTS

EUT :	CD RECEIVER SYSTEM	Model Name :	X-HM26
Temperature :	25 °C	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 <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.3	1.6982	1.07	1.2794	0.00043246	1	Complies
2.3	1.6982	1.4	1.3804	0.00046661	1	Complies
2.3	1.6982	1.22	1.3243	0.00044766	1	Complies

EUT :	CD RECEIVER SYSTEM	Model Name :	X-HM26
Temperature :	25 °C	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 <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.3	1.6982	2.03	1.5959	0.00053945	1	Complies
2.3	1.6982	1.91	1.5524	0.00052475	1	Complies
2.3	1.6982	1.8	1.5136	0.00051162	1	Complies

Note: the calculated distance is 20 cm.