



**Neutron Engineering Inc.**

# **FCC RF EXPOSURE REPORT**

**FCC ID: ACJ-SA-PMX9**

**Project No.** : 1401C062  
**Equipment** : CD Stereo System  
**Model** : SC-PMX9  
**Applicant** : Panasonic Corporation of North America  
**Address** : Two Riverfront Plaza,9th Floor Newark  
New Jersey United States07102-5490

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

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### MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

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

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

Ant.	Brand name	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	2

### TEST RESULTS

EUT:	SOUNDBAR SPEAKER	Model Name	HTL2163B/F7
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	120V/60Hz		
Test Mode :	TX B Mode		

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	1.5849	19.18	82.7942	0.02611863	1	Complies
2	1.5849	19.15	82.2243	0.02593883	1	Complies
2	1.5849	14.14	25.9418	0.00818371	1	Complies

EUT:	SOUNDBAR SPEAKER	Model Name	HTL2163B/F
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	120V/60Hz		
Test Mode :	TX G Mode		

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	1.5849	20.09	102.0939	0.03220701	1	Complies
2	1.5849	20.16	103.7528	0.03273033	1	Complies
2	1.5849	20.05	101.1579	0.03191173	1	Complies

Note: the calculation distance is 20 cm.