Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: 2AAGJDHTS514A

Project No.	:	1310C090
Equipment :		HOME THEATER SYSTEM
Model :		DSW-S514
Applicant :		Tymphany HK Limited
Address :		Room 1307-8 Dominion Centre 43-59 Queens Road East, WanChai, Hong Kong,China
According: :		**FCC Guidelines for Human Exposure IEEE C95.1**

Neutron Engineering Inc.

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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

Ant.	Brand name	Model Name	Antenna Type	Connector	Gain (dBi)
A	SMSC	DWAM83-TB	Printed	N/A	2.0
B	SMSC	DWAM83-TB	Printed	N/A	2.0

TEST RESULTS

EUT：	HOME THEATER SYSTEM	Model Name ：	DSW-S514
Temperature： 24	℃	Relative Humidity：	60 %
Pressure：	1016 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX MODE /CH01, CH02, CH03		

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	15.12	32.5087	0.01025535	1	Complies
2	1.5849	14.78	30.0608	0.00948310	1	Complies
2	1.5849	14.25	26.6073	0.00839364	1	Complies

The cacluated distance is 20cm