

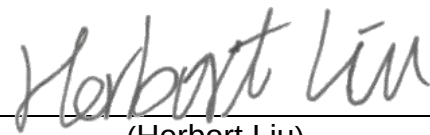
Maximum Permissible Exposure Report

FCC ID: 2ANC3PHYCF001

Project No. : 1905T139
Equipment : Phyn Smart Water Assistant
Test Model : PHYCF001
Series Model : N/A
Applicant : Phyn LLC
Address : 1855 Del Amo Blvd Torrance CA United States 90501

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

Authorized Signatory

: 
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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	Test Model	Antenna Type	Connector	Gain (dBi)
1	Phyn	MT7688AN	PCB	I-PEX	1.3

TEST RESULTS

Test Mode :	TX B Mode / CH01, CH06, CH11
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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
1.31	1.3521	20.68	116.9499	0.03147389	1	Complies
1.31	1.3521	20.73	118.3042	0.03183834	1	Complies
1.31	1.3521	20.77	119.3988	0.03213293	1	Complies

Test Mode :	TX G Mode / CH01, CH06, CH11
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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
1.31	1.3521	24.63	290.4023	0.07815385	1	Complies
1.31	1.3521	24.53	283.7919	0.07637485	1	Complies
1.31	1.3521	24.29	268.5344	0.07226872	1	Complies

Test Mode :	TX N (HT20) Mode / CH01, CH06, CH11
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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
1.31	1.3521	24.56	285.7591	0.07690425	1	Complies
1.31	1.3521	24.49	281.1901	0.07567464	1	Complies
1.31	1.3521	24.44	277.9713	0.07480840	1	Complies

Test Mode :	TX N (HT40) Mode / CH03, CH06, CH09
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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
1.31	1.3521	23.22	209.8940	0.05648724	1	Complies
1.31	1.3521	24.12	258.2260	0.06949449	1	Complies
1.31	1.3521	22.48	177.0109	0.04763765	1	Complies

Note:

The calculated distance is 20 cm.