



RF Exposure Report

Report No.: SA151119D01

FCC ID: O5PDPL24G11

Test Model: DPL24G11

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Applicant: VIVOTEK INC.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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Release Control Record

Issue No.	Description	Date Issued
SA151119D01	Original release.	Feb. 23, 2016

2 RF Exposure

2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	F/1500	30
1500-100,000	1.0	30

F = Frequency in MHz

2.2 MPE Calculation Formula

$$Pd = (Pout * G) / (4 * \pi * r^2)$$

where

Pd = power density in mW/cm²

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user.

So, this device is classified as **Mobile Device**.

3 Antenna Gain

The antennas provided to the EUT, please refer to the following table:

Brand	Model No.	Antenna Type	Gain (dBi)	Antenna Connector
panasonic	MN87900	PCB	4	NA

4 Calculation Result

Frequency Band (MHz)	Field Strength of Fundamental (dBuV/m) @1m	Pout EIRP (dBm)	Pout EIRP (mW)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
24150.31	98.2	-6.57	0.2203	20	0.00039695	1

NOTE: Pout EIRP (dBm) = Field Strength of Fundamental (dBuV/m) @1m - 104.77 (dB)

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