RF Exposure Statement

No. : 24CE0150-YK

Applicant	**:**	**Fukuda Denshi Co., Ltd**
Type of Equipment	**:**	**Patient Monitor**
Model No.	**:**	**DS-7100(type 7141)**
FCC ID	**:**	**DV8DS7100**

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "DS-7100(type 7141)" as calculated
from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 0.4.0W/cm^2 uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P =	**1.06**	**mW (Maximum peak output power)**		
G =	**1.64**	**Numerical Antenna gain; equal to**	**2.14**	dBi
r =	**20.0**	**cm**		

For: DS-7100(type 7141) **S = 0.00034 mW/cm^2**

Notice in Installation Manual

FCC Radiation Exposure Statement:
This equipment complies with a built-in telemeter complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator and your body (excluding extremities : hands, wrists, and feet). and must not be co-located or operated with any other antenna or transmitter.

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On your letterhead

Industry Canada
Certification and Engineering Bureau
3701 Carling Avenue, Building 94
P.O. Box 11490, Station "H"
Ottawa, Ontario K2H 8S2 CANADA

Declaration of Compliance

To Whom It May Concern

We, Fukuda Denshi Co., Ltd declares that Patient Monitor (Model: DS-7100(type 7141)) complies with the RF exposure limits for human's as specified in Health Canada's Safety Code 6 and reproduced in RSS-102.

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$$S = (P * G) / (4 * \pi * r^2)$$

Where

P =	**1.06**	**mW (Maximum peak output power)**	
G =	**1.64**	**Numerical Antenna gain; equal to**	**2.1** dBi
r =	**20.0**	**cm**	

For: DS-7100(type 7141) **S = 0.00034 mW/cm^2**

Sincerely yours,

(Sign)
Name of Signature
Title and Position