RF Exposure Evaluation declaration

Product Name ： BT 2.1 + EDR HEADSET WITH VIDEO CAMERA
Model No. ： LX2
FCC ID. ： YJ8-LX2

Applicant : Looxcie, Inc.
Address : 1196 Borregas Ave, Ste 200 Sunnyvale California 94089 United States

Date of Receipt : 2011/04/27
Date of Declaration : 2011/05/03
Report No. : 115024R-RF-US-Exp
Report Version : V1.0

1. RF Exposure Evaluation

1.1. Limits

According to 1.1307(b)(1), system operating under the previsions of this section shall be operated in manner that ensure that the public is not exposed is not exposed to radio frequency energy level in excess of the Commission's guideline.

No Evaluation required for output power as below thresholds:
f = GHz, d = Distance (between radiated device and the body)

When d < 2.5cm, Output Power = (60/f) mW
Ex: f = 2.4GHz, Output Power = (60/2.4) = 25mW (13.98dBm)

When d≧2.5cm, and < 20cm, Output Power = (120/f) mW
Ex: f = 2.4GHz, Output Power = (120/2.4) = 50mW (16.99 dBm)

1.2. Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.
The temperature and related humidity: 18℃ and 78％ RH.

1.3. Test Result of RF Exposure Evaluation

Product	BT 2.1 + EDR HEADSET WITH VIDEO CAMERA
Test Mode	Transmit
Test Condition	RF Exposure Evaluation

Antenna Gain

Antenna Gain: The maximum Gain measured in fully anechoic chamber is -8.62dBi or 0.14 in linear scale.

Output Power into Antenna

Channel	Channel Frequency (MHz)	Output Power to Antenna (mW)	Output Power threshold (mW) (d < 2.5cm)
00	2402.00	6.3973	24.979
39	2441.00	6.0534	24.580
78	2480.00	5.4828	24.194

Conclusion:

No SAR evaluation required, since transmitter output power is below threshold.