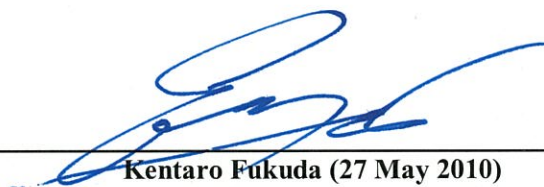


# RF Exposure Evaluation

No.: 10008FCE

Applicant	Clarion Co., Ltd.
Address	7-2 Shintoshin, Chuo-ku, Saitama-shi, Saitama, 330-0081, Japan
EUT	Bluetooth Module
Model No.	BTU-3586
FCC ID	SJ2QY7200



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Kentaro Fukuda (27 May 2010)



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Masashi Tsukui (27 May 2010)

## e.i.r.p. Calculation from Peak Power

15.247(i): Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines.

(Limit [W] =  $60 / f$  [MHz], 24mW at 2.5GHz)

EIRP Calculation:

A Specified Antenna Gain [dBi]	B Max. RF Output Power at Antenna Terminal [dBm]	C		Limit [mW] $60 / f$ [MHz]
		Total e.i.r.p.		
		[dBm]	[mW]	
1.60	3.85	5.45	3.51	25

Calculation:  $C$  [dBm] =  $A$  [dBi] +  $B$  [dBm]

e.i.r.p. = 5.45dBm = 3.51mW