

RF Exposure Evaluation

No.: 8233FCE

Applicant	KENWOOD CORPORATION
Address	2967-3, Ishikawa-cho Hachiouji-shi, Tokyo 192-8525, Japan
EUT	GPS NAVIGATION SYSTEM MONITOR DVD RECEIVER
Model No.	DNX9140
FCC ID	IOM39604



2009.1.16
Engineer / Kentaro Fukuda (16 January 2009)



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Engineer / Tatsuro Sato (16 January 2009)

EIRP Calculation from Peak Power

15.247 (b)(5): 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	B	C		Limit [mW] 60 / f [MHz]
Specified Antenna Gain [dBi]	Max. RF Output Power at Antenna Terminal [dBm]	Total EIRP		
		[dBm]	[mW]	
-0.404	-4.10	-4.504	0.35	25

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

EIRP = -4.504Bm = 0.35mW