

Company Name	Honeywell International, Inc.
Model #	TH8320WF
FCC ID #	HS9-TH8320WF01
IC #	573R-TH8320WF01

The following exemption calculations are based on a RF Conducted measurement of 14.57 dBm and a calculated antenna gain of 4dBi as measured over a ground plane and measured from the antenna port.

The output power is less than 5W and exempt from evaluation as stated in Industry Canada RSS-102 section 2.5.2.

Prediction of MPE limit at a given distance			
Equation from page 18 of OET Bulletin 65, Edition 97-01			
$S = \frac{PG}{4\pi R^2}$			
where: S = power density			
P = power input to the antenna			
G = power gain of the antenna in the direction of interest relative to an isotropic radiator			
R = distance to the center of radiation of the antenna			
Maximum peak output power at antenna input terminal:	14.57	(dBm)	
Maximum peak output power at antenna input terminal:	28.642	(mW)	
Antenna gain(typical):	4	(dBi)	
Maximum antenna gain:	2.512	(numeric)	
Prediction distance:	20	(cm)	
Prediction frequency:	2412	(MHz)	
PE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)	
Power density at prediction frequency:	0.014313	(mW/cm^2)	
Maximum allowable antenna gain:	22.4	(dBi)	
Margin of Compliance at	20	cm =	18.4 dB