
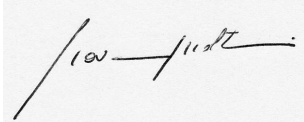


MPE CALCULATION

APPLICANT:	Power-One Italy S.p.a. Via San Giorgio, 642 – 52028 Terranuova Bracciolini (AR) Italy Tel. +39 055 91951 E-mail: gianfranco.iannuzzi@power-one.com paolo.mugnai@power-one.com
EUT DESCRIPTION	Radio Equipment ZigBee module for inverter check
EUT TRADEMARK	Power-One
EUT MODEL	PVI-RADIOMODULE-Z
REFERENCE STANDARDS :	47 CFR FCC _ RF EXPOSURE REQUIRMENTS [§§ 15.247(e)(i), 1.1310 & 2.1091]
DATE OF ISSUE	05/10/2011
LABORATORY	Prima Ricerca & Sviluppo S.r.l. Via Campagna, 92 -22020 Faloppio (Co) –Italy
ISSUED BY	Massimo Maltempi 
APPROVED BY	Giovanni Molteni 

The calculation results reported in this document shall refer only to Test Report above indicated and relevant tested sample



Test Report reference

- ▶ FCCTR_111161_0 issued 29/09/2011 by Prima Ricerca & Sviluppo

Worst case condition: Channel 24

Calculation Results

	Conducted Antenna Connector	Radiated
Power at the Antenna	0.74 W	
Antenna Gain in dB	-2,14 dBi	
Distance to the Area of Interst	0.656 feet 0.1999 metres	
Frequency of Operation	2470 MHz	
Are Ground reflections Calculated	Yes	
Estimated RF Power Density	0.0618 mW/cm ²	

	Controlled Environment	Uncontrolled Environment	Controlled Environment	Uncontrolled Environment
Maximum Permissible Exposure (MPE)	5.005 mW/cm ²	1.005 mW/cm ²		
Distance to Compliance From Centre of Antenna	0.1229 feet 0.0375 metres	0.213 feet 0.0649 metres		
Does the Area of Interest Appear to be in Compliance	yes	yes		