

**47 C.F.R. Part 1, Subpart I, Section 1.1310  
47 C.F.R. Part 2, Subpart J, Section 2.1091  
Maximum Permissible Exposure Calculations**

**FCC ID: P8G-50516**

EUT Device Category = General Population/Uncontrolled Exposure

EUT consists of one ISM band radio transmitting operating over a range of:  
**902.9712 MHz to 926.6529 <Hz**

MPE Summary:

KDB 447498 D01 General RF Exposure Guidance v06 gives the 1-g and 10-g SAR test exclusion thresholds. The limits for 100 MHz to 6 GHz and a test separation distance of ≤50 mm are defined by the following equation:

$((\text{max EIRP} + \text{tune up tolerance, mW}) / (\text{minimum separation, mm}) * \sqrt{f_{\text{GHz}}}) \leq 3.0$  for 1-g SAR or  $\leq 7.5$  for 10-g SAR

MPE and Limit are calculated as follows:

Max EIRP	Separation	Frequency	Density	Limit	Result	Limit	Result
mW	(mm)	GHz	mW/mm	1-g		10-g	
1.2	5	0.9029712	0.228	3.0	Exempt	7.5	Exempt
1.3	5	0.9150000	0.249	3.0	Exempt	7.5	Exempt
1.3	5	0.9266529	0.241	3.0	Exempt	7.5	Exempt

**Result:** The device meets FCC MPE limit for General Population/Uncontrolled Exposure