Learn.Net		Model: 810-2407	Test Number:	120220R		
MPE Calculator	MPE uses EI	RP for calculation. EIRP is	based on TX power a	added to the antenna s	gain in dBi.	
		n compared to an isotropic i	•			
	_	ensity in mW/cm^2				
					Antenna Gain (dBi)	1
		Output Power		dBd + 2.17 = dBi	dBi to dBd	
Tx Frequency (MHz)	2474	•			Antenna Gain (dBd)	
Tarrequency (viriz)	2474	iviaximum (vv accs)	0.001000		rincinia cani (aba)	-1.1
Cable Loss (dB)	0.0 (dBm)		0.00	Antenna minus cable (dBi)		1.00
Calcula	ted ERP (mw)	0.764		EIRP = Po(dBM) + Ga	in (dR)	
	ed EIRP (mw)			End -10(dbivi) + da	Radiated (EIRP) dBm	1.000
Calculat	ed End (mw)	1.239		ERP = EIRP - 2.17 dB	Radiated (Eff.) doin	1.000
Occupa	tional Limit	Power density (S)		Lid Liid - 2.17 db	Radiated (ERP) dBm	-1.170
		EIRP			Radiated (ERF) dbiii	-1.170
5.00000	mW/cm ²	= mW/cm^2				
50.00000	W/m^2	4 p r^2				
General	Public Limit	r (cm) EIRP (mW)				
1,00000	mW/cm ²					
10.00000						
10.00000	W/m ⁻					
			y radiation exposure l	_ •	-	
		Frequency (MHz)	Occupational Limit	Public Limit		
		300-1,500	f/300	f/1500		
		1,500-10,000	5	1		
		FCC radio frequency	y radiation exposure l	limits per 1.1310		
			Occupational Limit	Public Limit @ Tx		
		Frequency (MHz)	@ Tx Freq	Freq (mW/cm ²)		
		300-1,500 (mW/cm2)	8.246666667	1.649333333		
		300-1,500 (W/m2)	82.46666667	16.49333333		
		1,500-10,000 (mW/cm2)	5	1		
		1,500-10,000 (M/m2)	50	10		
		1,500-10,000 (W/III2)	50	10		
EIRP	S	S	Distance	Distance	Distance	Distance
	mW/cm ²	W/m ²				
milliwatts			cm	meter	inches	Feet
1.259	0.00100	0.01002	10.00	0.10	3.94	0.01
1.259	0.00124	0.01237	9.00	0.09	3.54	0.01
1.259	0.00157	0.01565	8.00	0.08	3.15	0.01
1.259	0.00204	0.02045	7.00	0.07	2.76	0.01
1.259	0.00278	0.02783	6.00	0.06	2.36	0.01
1.259	0.00401	0.04007	5.00	0.05	1.97	0.00
1.259	0.00626	0.06261	4.00	0.04	1.57	0.00
1.259	0.01113	0.11131	3.00	0.03	1.18	0.00
1.259	0.02505	0.25046	2.00	0.02	0.79	0.00
1.259	0.10018	1.00182	1.00	0.01	0.39	0.00
1.259	0.12368	1.23682	0.90	0.009	0.35	0.001
1.259	0.15653	1.56535	0.80	0.008	0.31	0.001
1.259	0.20445	2.04453	0.70	0.007	0.28	0.001
1.259	0.27828	2.78284	0.60	0.006	0.24	0.001
1.259	0.40073	4.00728	0.50	0.005	0.20	0.000
1.259	0.62614	6.26138	0.40	0.004	0.16	0.000
1.259	1.11313	11.13134	0.30	0.003	0.12	0.000
			Occupational Limit	Occupational Limit	Public Limit minimum	Public Limit minimum
			minimum Distance	minimum Distance		1
					distance (meters)	distance (cm /
		Fraguence (A/III-)	(meters)	(cm / inches)		inches)
		Frequency (MHz)	NT / A	NT/A	NT/A	NT/A
		300-1,500	N/A	N/A	N/A	N/A
		1,500-10,000	N/A	N/A	N/A	N/A

Rogers Labs, Inc. 4405 West 259th Terrace Louisburg, KS 66053 Phone/Fax: (913) 837-3214

Phone/Fax: (913) 837-321 Revision 1 Learn.Net, Inc. Model: 810-2407 Test #:120220R

Test to: FCC Parts 2, 15C, 15.249 File: RFExp ZNQ8102407 SN: 03111525446 FCC ID#: ZNQ8102407 Date: March 8, 2012

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