MPE Calculator		e for calculation. EIRP is based compared to an isotropic radiato	on TX power added to the ante or.	nna gain in disi.		
		sity in mW/cm^2				
	•	,			Antenna Gain (dBi)	2-
		Output Power		dBd + 2.17 = dBi	dBi to dBd	2.1
Tx Frequency (MHz)	2437	Maximum (Watts)	0.493171	Į.	Antenna Gain (dBd)	21.83
CHI I (ID)	0.0	(ID.)	26.02	A .	: 11 (ID)	24.00
Cable Loss (dB)	0.0	(dBm)	26.93	Antenn	a minus cable (dBi)	24.00
	ulated ERP (mw)			EIRP = Po(dBM) + Gain (dB)		
Calcu	lated EIRP (mw)	123878.950			diated (EIRP) dBm	50.930
Occi	pational Limit	Power density (S)		ERP = EIRP - 2.17 dB	ndiated (ERP) dBm	48.760
	00 mW/cm ²	TURR		144	idated (Erd) disin	10.70
		EIRP = mW/cm^2				
	00 W/m ²	$4 p r^2$				
	ral Public Limit	4 p r · 2				
	00 mW/cm ²	r (cm) EIRP (mW)				
10.000	00 W/m^2					
		FCC radio freque	ency radiation exposure limits per	1.1310 (mW/cm2)		
		Frequency (MHz)	Occupational Limit	Public Limit		
		300-1,500	f/300	f/1500		
		1,500-10,000	5	1		
		FCC radio	frequency radiation exposure lim	its ner 1 1310		
		Frequency (MHz)				
		300-1,500 (mW/cm2)	Occupational Limit 8.123333333	Public Limit 1.62466667	-	
		300-1,500 (mw/cm2)	81.23333333	16.24666667		
		1,500-10,000 (mW/cm2)	5	10.24000007		
		1,500-10,000 (mw/cm2)	50	10		
		1,500 10,000 (*********************************	30			
EIRP	S	S	Distance	Distance	Distance	Distance
milliwatts	mW/cm ²	W/m ²	cm	meter	inches	Feet
123878.950	0.03943	0.39432	500.00	5.00	196.85	0.42
123878.950	0.06161	0.61612	400.00	4.00	157.48	0.33
123878.950	0.10953	1.09533	300.00	3.00	118.11	0.25
123878.950	0.24645	2.46449	200.00	2.00	78.74	0.17
123878.950	0.32189	3.21893	175.00	1.75	68.90	0.15
123878.950	0.43813	4.38132	150.00	1.50	59.06	0.13
123878.950	0.48889	4.88890	142.00	1.42	55.91	0.12
123878.950	0.68458	6.84581	120.00	1.20	47.24	0.10
123878.950	0.81471	8.14709	110.00	1.10	43.31	0.09
123878.950	0.84516	8.45162	108.00	1.08	42.52	0.09
123878.950	0.89415	8.94147	105.00	1.05	41.34	0.09
123878.950	0.94752	9.47518	102.00	1.02	40.16	0.09
123878.950	0.98580	9.85797	100.00	1.00	39.37	0.08
123878.950	3.94319	39.43189	50.00	0.50	19.69	0.04
123878.950	4.86814	48.68135	45.00	0.45	17.72	0.04
123878.950	6.16123	61.61233	40.00	0.40	15.75	0.03
123878.950	10.95330	109.53304	30.00	0.30	11.81	0.03
			Occupational Limit minimum Distance	Occupational Limit minimum Distance	Public Limit	Public Limit
		Frequency (MHz)	(meters)	(cm / inches)	distance (meters)	(cm / inches)
		a requestery (trially)	(**************************************	(CLL , HICHOS)	(Inctels)	(car. menes)
		300-1,500	N/A	N/A	N/A	N/A

Rogers Labs, Inc. 4405 W. 259th Terrace Louisburg, KS 66053 Phone/Fax: (913) 837-321

Phone/Fax: (913) 837-3214 Revision 1 Mikrotikls SIA Model: RB911-2HnD Test #: 140324

Test to: CFR47 (15.247) File: RFExp RB9112HnD SN: 472901DD0D5/409 FCC ID#: TV7RB911-2HND

Date: April 2, 2014

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