MPE Calculator		compared to an isotropic radiate	on TX power added to the ante	яна дан н об.		
		sity in mW/cm^2	or.			
	5 – power den	Sity III III W/CIII '2			Antenna Gain (dBi)	
		Output Power		dBd + 2.17 = dBi	dBi to dBd	
Tx Frequency (MHz)	2437	Maximum (Watts)	0.826269		Antenna Gain (dBd)	
in Frequency (Mills)		111111111111 (11 1111)	0.020203			
Cable Loss (dB)	0.0	(dBm)	(dBm) 29.17 Antenna minus cable (dBi)		1.0	
	lculated ERP (mw)			EIRP = Po(dBM) + Gain (dB)	the ACTION AD	20.15
Calo	culated EIRP (mw)	1040.211		ERP = EIRP - 2.17 dB	diated (EIRP) dBm	30.17
Occ	cupational Limit	Power density (S)			adiated (ERP) dBm	28.00
	000 mW/cm <sup>2</sup>	EIDD				
	000 mw/cm	EIRP = mW/cm^2				
	neral Public Limit	4 p r^2				
	000 mW/cm <sup>2</sup>					
		r (cm) EIRP (mW)				
10.00	000 W/m <sup>2</sup>	ECC # C	en en en en en	1 1210 ( 37/ 2)		
		FCC radio freque	ency radiation exposure limits per Occupational Limit	Public Limit	+	
		300-1,500	f/300	f/1500		
		1,500-10,000	5	1		
		1,500 10,000		1		
		FCC radio	frequency radiation exposure lim	its per 1.1310		
		Frequency (MHz)	Occupational Limit	Public Limit		
		300-1,500 (mW/cm2)	8.123333333	1.624666667		
		300-1,500 (W/m2)	81.23333333	16.24666667		
		1,500-10,000 (mW/cm2)	5	1		
		1,500-10,000 (W/m2)	50	10		
EIRP	S	S	Distance	Distance	Distance	Distance
milliwatts	mW/cm <sup>2</sup>	W/m <sup>2</sup>	cm	meter	inches	Feet
1040.211	0.00033	0.00331	500.00	5.00	196.85	0.42
1040.211	0.00052	0.00517	400.00	4.00	157.48	0.33
1040.211	0.00092	0.00920	300.00	3.00 2.00	118.11	0.25
1040.211 1040.211	0.00207 0.00270	0.02069 0.02703	200.00 175.00	1.75	78.74 68.90	0.17 0.15
1040.211	0.00270	0.02703	150.00	1.50	59.06	0.13
1040.211	0.00530	0.05298	125.00	1.25	49.21	0.10
1040.211	0.00828	0.08278	100.00	1.00	39.37	0.08
1040.211	0.01022	0.10219	90.00	0.90	35.43	0.08
1040.211	0.01293	0.12934	80.00	0.80	31.50	0.07
1040.211	0.01689	0.16893	70.00	0.70	27.56	0.06
1040.211	0.02299	0.22994	60.00	0.60	23.62	0.05
1040.211	0.03311	0.33111	50.00	0.50	19.69	0.04
1040.211	0.05174	0.51736	40.00	0.40	15.75	0.03
1040.211	0.09197	0.91975	30.00	0.30	11.81	0.03
1040.211	0.20694	2.06943	20.00	0.20	7.87	0.02
1040.211	0.82777	8.27773	10.00	0.10	3.94	0.01
			Occupational Limit minimum	Occupational Limit minimum	Public Limit	Public Limit
			Distance	Distance	minimum	minimum distanc
		Frequency (MHz)	(meters)	(cm / inches)	distance (meters)	(cm / inches)
		300-1,500	N/A	N/A	N/A	N/A
		1,500-10,000			0.10	10 / 4.0

Rogers Labs, Inc. 4405 W. 259th Terrace Louisburg, KS 66053

Phone/Fax: (913) 837-3214 Revision 1

Mikrotikls SIA Model: RB951Ui-2HnD Test #: 130317

Test to: CFR47 (15.247) File: RFExp RB951U2HND SN: 42B901DDA60

FCC ID#: TV7RB951U-2HND

Date: September 3, 2013

Page 1 of 1