Mikrotik MPE Calculator		RB2011US-2HnD-IN RP for calculation. EIRP is based	Test Number			
VIPE Calculator			enna gain in dBi.			
		compared to an isotropic radiate	or.			
	s – power de	nsity in mW/cm^2			Antenna Gain (dBi)	
		Output Power		dBd + 2.17 = dBi	dBi to dBd	
Tr. Ecomonov (MUz)	2437	•	1.000000		ntenna Gain (dBd)	
Tx Frequency (MHz)	2437	iviaximum (waus)	1.000000	A	пісній Оані (ава)	2.0.
Cable Loss (dB)	0.0	(dBm)	30.00	Antenna	a minus cable (dBi)	5.00
Cubic Ecos (ub)	0.0	(wbin)	30.00		i illinas caole (abi)	3.0
Calc	culated ERP (mw)	1918.669		EIRP = Po(dBM) + Gain (dB)		
Calculated EIRP (mw)					liated (EIRP) dBm	35.00
				ERP = EIRP - 2.17 dB		
Occ	upational Limit	Power density (S)		Ra	diated (ERP) dBm	32.83
5.00000 mW/cm^2		EIRP				
50.00000 W/m ²		= mW/cm^2				
General Public Limit		4 40				
	000 mW/cm ²					
		r (cm) EIRP (mW)				
10.000	000 W/m^2	722 4 3		11010 (777) 0		
			ency radiation exposure limits per	· · · · · · · · · · · · · · · · · · ·		
		Frequency (MHz)	Occupational Limit	Public Limit		
		300-1,500	f/300	f/1500		
		1,500-10,000	5	1		
		FCC #-	C			
			frequency radiation exposure lim			
		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 ²	W/m ²	cm	meter	inches	Feet
3162.278	0.00101	0.01007	500.00	5.00	196.85	0.42
3162.278	0.00157	0.01573	400.00	4.00	157.48	0.33
3162.278	0.00280	0.02796	300.00	3.00	118.11	0.25
3162.278	0.00629	0.06291	200.00	2.00	78.74	0.17
3162.278	0.00822	0.08217	175.00	1.75	68.90	0.15
3162.278	0.01118	0.11184	150.00	1.50	59.06	0.13
3162.278	0.01611	0.16105	125.00	1.25	49.21	0.10
3162.278	0.02516	0.25165	100.00	1.00	39.37	0.08
3162.278	0.10066	1.00658	50.00	0.50	19.69	0.04
3162.278	0.15728	1.57279	40.00	0.40	15.75	0.03
3162.278	0.27961	2.79607	30.00	0.30 0.20	7.87	0.03
3162.278 3162.278	0.62912	6.29115 9.82992	20.00	0.20	6.30	0.02
3162.278	1.11843	9.82992 11.18427	15.00	0.16	5.91	0.01
3162.278	2.51646	25.16461	10.00	0.13	3.94	0.01
	4.99199		7.10	0.07	2.80	0.01
3162.278 3162.278	5.13563	49.91987 51.35634	7.00	0.07	2.76	0.01
3102.270	3.13303	31.33034	7.00	0.07	2.70	0.01
		Frequency (MHz)	Occupational Limit minimum Distance (meters)	Occupational Limit minimum Distance (cm / inches)	Public Limit minimum distance (meters)	Public Limit minimum distance (cm / inches)
		300-1,500	N/A	N/A	N/A	N/A
		1,500-10,000	0.07	7.1 / 2.8	0.16	16 / 6.3
		1,500-10,000	0.07	1.112.0	0.10	10 / 0.5

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Model: RB2011US-2HnD-IN

Test #: 120416

Test to: CFR47 (15.247) File: RFExp RB20112HnD SN: 35A901DD0B69

FCC ID#: TV7RB2011-2HND

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