DMP	Model:	1183	Test Number:	110809		
MPE Calculator	MPE uses Ell	RP for calculation. EIRP is	based on TX power a	added to the antenna g	gain in dBi.	
	dBi = dB gain compared to an isotropic radiator.					
	S = power de	nsity in mW/cm^2				
					Antenna Gain (dBi)	
		Output Power		dBd + 2.17 = dBi	dBi to dBd	
Tx Frequency (MHz)	915	Maximum (Watts)	0.0006		Antenna Gain (dBd)	-1.1
					, í	
Cable Loss (dB)	0.0	(dBm)	-2.23	Ante	enna minus cable (dBi)	1.00
Calcula	ted ERP (mw)	0.457		EIRP = Po(dBM) + Ga	in (dB)	
Calculat	ed EIRP (mw)	0.754		, í	Radiated (EIRP) dBm	-1.22
	, í			ERP = EIRP - 2.17 dB		
Occupa	tional Limit	Power density (S)			Radiated (ERP) dBm	-3.39
	mW/cm <sup>2</sup>	EIRP				
	-	= mW/cm^2				
30.50000		4 p r^2				
General	Public Limit	r (cm) EIRP (mW)				
0.61000	mW/cm <sup>2</sup>					
6.10000	$W/m^2$					
0.10000	w/m	ECC radio fraguence	v radiation exposure 1	imits per 1 1310		
		Frequency (MHz)	Occupational Limit	Public Limit		
		• • • •	•	f/1500		
		300-1,500	£/300 5			
		1,500-10,000	ر	1		
		ECC radio fragmana	radiation exposure l	imite n or 1 1210		
		rec radio frequency	radiation exposure i	limits per 1.1510		
			O	Public Limit @ Tx		
		En anna (A (II-)	Occupational Limit			
		Frequency (MHz)	@ Tx Freq	Freq (mW/cm <sup>2</sup> )		
		300-1,500 (mW/cm2)	3.05	0.61		
		300-1,500 (W/m2)	30.5	6.1		
		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>	$W/m^2$	cm	meter	inches	Feet
0.754	0.00001	0.00006	100.00	1.00	39.37	0.08
					19.69	
0.754		0.00024	50.00	0.50		0.04
0.754	0.00002	0.00024	50.00	0.50		0.04
0.754	0.00002 0.00004	0.00037	40.00	0.40	15.75	0.03
0.754 0.754	0.00002 0.00004 0.00007	0.00037 0.00067	40.00 30.00	0.40 0.30	15.75 11.81	0.03 0.03
0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015	0.00037 0.00067 0.00150	40.00 30.00 20.00	0.40 0.30 0.20	15.75 11.81 7.87	0.03 0.03 0.02
0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019	0.00037 0.00067 0.00150 0.00185	40.00 30.00 20.00 18.00	0.40 0.30 0.20 0.18	15.75 11.81 7.87 7.09	0.03 0.03 0.02 0.02
0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027	0.00037 0.00067 0.00150 0.00185 0.00267	40.00 30.00 20.00 18.00 15.00	0.40 0.30 0.20 0.18 0.15	15.75 11.81 7.87 7.09 5.91	0.03 0.03 0.02 0.02 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306	40.00 30.00 20.00 18.00 15.00 14.00	0.40 0.30 0.20 0.18 0.15 0.14	15.75 11.81 7.87 7.09 5.91 5.51	0.03 0.03 0.02 0.02 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355	40.00 30.00 20.00 18.00 15.00 14.00 13.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13	15.75 11.81 7.87 7.09 5.91 5.51 5.12	0.03 0.03 0.02 0.02 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167 0.00240	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666 0.02399	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00 5.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06 0.05	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36 1.97	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167 0.00240	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666 0.02399	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00 5.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06 0.05	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36 1.97	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167 0.00240	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666 0.02399	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00 5.00 2.00	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06 0.05 0.02	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36 1.97 0.79 Public Limit minimum	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167 0.00240	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666 0.02399 0.14992	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00 5.00 2.00 Occupational Limit minimum Distance	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06 0.05 0.02 Occupational Limit minimum Distance	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36 1.97 0.79	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01
0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754	0.00002 0.00004 0.00007 0.00015 0.00019 0.00027 0.00031 0.00035 0.00042 0.00060 0.00074 0.00094 0.00122 0.00167 0.00240	0.00037 0.00067 0.00150 0.00185 0.00267 0.00306 0.00355 0.00416 0.00600 0.00740 0.00937 0.01224 0.01666 0.02399	40.00 30.00 20.00 18.00 15.00 14.00 13.00 12.00 10.00 9.00 8.00 7.00 6.00 5.00 2.00 Occupational Limit	0.40 0.30 0.20 0.18 0.15 0.14 0.13 0.12 0.10 0.09 0.08 0.07 0.06 0.05 0.02 Occupational Limit	15.75 11.81 7.87 7.09 5.91 5.51 5.12 4.72 3.94 3.54 3.15 2.76 2.36 1.97 0.79 Public Limit minimum	0.03 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01

Rogers Labs, Inc. 4405 West 259<sup>th</sup> Terrace Louisburg, KS 66053 Phone/Fax: (913) 837-3214 Revision 1 Digital Monitoring Products, Inc. Model: 1183 Test #:110809 SN: 06400022 Test to: FCC Parts 2 and 15.249, RSS-210 File: RFExp 1183

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