



6340 Sky Creek Drive, Sacramento, California 95828
P.O. Box 292880, Sacramento, California 95829-2880

(916) 383-1177 FAX (916) 383-1182

WGCP

ERP = 2.10 kW

December 12, 2008

JMPC-2 DA

TABULATION OF RELATIVE FIELD

COMPOSITE MEASURED PATTERN (H & V)

<u>BEARING</u>	<u>FIELD</u>	<u>ERP</u> <u>(kW)</u>	<u>dBk</u>
0	1.000	2.10	3.22
10	1.000	2.10	3.22
20	1.000	2.10	3.22
30	1.000	2.10	3.22
40	1.000	2.10	3.22
50	0.990	2.06	3.13
60	0.960	1.94	2.87
70	0.950	1.90	2.78
80	0.990	2.06	3.13
90	1.000	2.10	3.22
100	0.990	2.06	3.13
110	0.930	1.82	2.59
120	0.840	1.48	1.71
130	0.700	1.03	0.12
140	0.510	0.55	-2.63
150	0.320	0.22	-6.67
160	0.130	0.04	-14.50
170	0.160	0.05	-12.70
180	0.270	0.15	-8.15
190	0.305	0.20	-7.09
200	0.290	0.18	-7.53
210	0.190	0.08	-11.20
220	0.170	0.06	-12.17
230	0.220	0.10	-9.93
240	0.360	0.27	-5.65
250	0.530	0.59	-2.29
260	0.690	1.00	0.00
270	0.800	1.34	1.28
280	0.860	1.55	1.91
290	0.880	1.63	2.11
300	0.850	1.52	1.81
310	0.910	1.74	2.40
320	0.950	1.90	2.78
330	0.980	2.02	3.05
340	1.000	2.10	3.22
350	1.000	2.10	3.22

Relative fields at other azimuths:

45	0.997	225	0.192
135	0.604	315	0.933



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TABULATION OF MEASURED FIELDS

BEARING	HORIZONTAL POLARIZATION		VERTICAL POLARIZATION	
	FIELD	ERP(kW)	FIELD	ERP(kW)
0	0.780	1.28	1.000	2.10
10	0.900	1.70	1.000	2.10
20	0.950	1.90	1.000	2.10
30	0.950	1.90	1.000	2.10
40	0.920	1.78	1.000	2.10
50	0.900	1.70	0.990	2.06
60	0.910	1.74	0.960	1.94
70	0.950	1.90	0.920	1.78
80	0.990	2.06	0.870	1.59
90	1.000	2.10	0.800	1.34
100	0.990	2.06	0.730	1.12
110	0.930	1.82	0.630	0.83
120	0.840	1.48	0.530	0.59
130	0.700	1.03	0.420	0.37
140	0.510	0.55	0.310	0.20
150	0.320	0.22	0.210	0.09
160	0.130	0.04	0.130	0.04
170	0.160	0.05	0.110	0.03
180	0.270	0.15	0.110	0.03
190	0.305	0.20	0.120	0.03
200	0.290	0.18	0.120	0.03
210	0.190	0.08	0.140	0.04
220	0.110	0.03	0.170	0.06
230	0.190	0.08	0.220	0.10
240	0.360	0.27	0.290	0.18
250	0.530	0.59	0.380	0.30
260	0.690	1.00	0.480	0.48
270	0.800	1.34	0.590	0.73
280	0.860	1.55	0.690	1.00
290	0.880	1.63	0.780	1.28
300	0.840	1.48	0.850	1.52
310	0.750	1.18	0.910	1.74
320	0.630	0.83	0.950	1.90
330	0.520	0.57	0.980	2.02
340	0.510	0.55	1.000	2.10
350	0.620	0.81	1.000	2.10

MAXIMUM FIELDS:

90	1.000	2.10		
350			1	2.10

MINIMUM FIELDS:

220	0.110	0.03		
175			0.108	0.02