



WHYY INCORPORATED

WHYY-DT

PSI Model PSIVSM12DMC
CLOSE-IN ELEVATION PATTERN

BT = 0.75 DEG.

Elevation

Angle	Field
3.00	0.365
2.50	0.500
2.00	0.618
1.50	0.731
1.00	0.825
0.50	0.913
0.00	0.965
-0.25	0.978
-0.50	0.985
-0.75	1.000
-1.00	0.985
-1.25	0.978
-1.50	0.965
-1.75	0.945
-2.00	0.923
-2.50	0.837
-3.00	0.745
-3.50	0.633
-4.00	0.522
-4.50	0.412
-5.00	0.321
-5.50	0.250
-6.00	0.221
-6.50	0.221
-7.00	0.233
-7.50	0.250
-8.00	0.257
-8.50	0.250
-9.00	0.232
-9.50	0.208
-10.00	0.172

ERP (kW)	ERP (dBk)
4.00	6.017
7.50	8.751
11.46	10.591
16.03	12.050
20.42	13.100
25.01	13.981
27.94	14.462
28.69	14.578
29.11	14.640
30.00	14.771
29.11	14.640
28.69	14.578
27.94	14.462
26.79	14.280
25.56	14.075
21.02	13.226
16.65	12.214
12.02	10.799
8.17	9.125
5.09	7.069
3.09	4.901
1.88	2.730
1.47	1.659
1.47	1.659
1.63	2.118
1.88	2.730
1.98	2.970
1.88	2.730
1.61	2.081
1.30	1.132
0.89	-0.518

prepared by
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ERP= 30.0 kW
CALL WHYY-DT