

RFS Horizontal Radiation Pattern Data

0	0.8074
10	0.9247
20	0.9235
30	0.8719
40	0.7794
50	0.7184
60	0.7796
70	0.9459
* 77	1.0000
80	0.9888
90	0.9107
100	0.8510
110	0.8103
120	0.7763
130	0.7537
140	0.8483
150	0.8684
160	0.7718
170	0.6829
180	0.6298
190	0.6032
200	0.5577
210	0.6649
220	0.7338
230	0.7411
240	0.7052
250	0.6399
260	0.5540
270	0.4300
280	0.4894
290	0.6894
300	0.8033
310	0.8203
320	0.7614
330	0.6420
340	0.5043
350	0.5731

* Denotes Peak

RFS Vertical Radiation Pattern Data

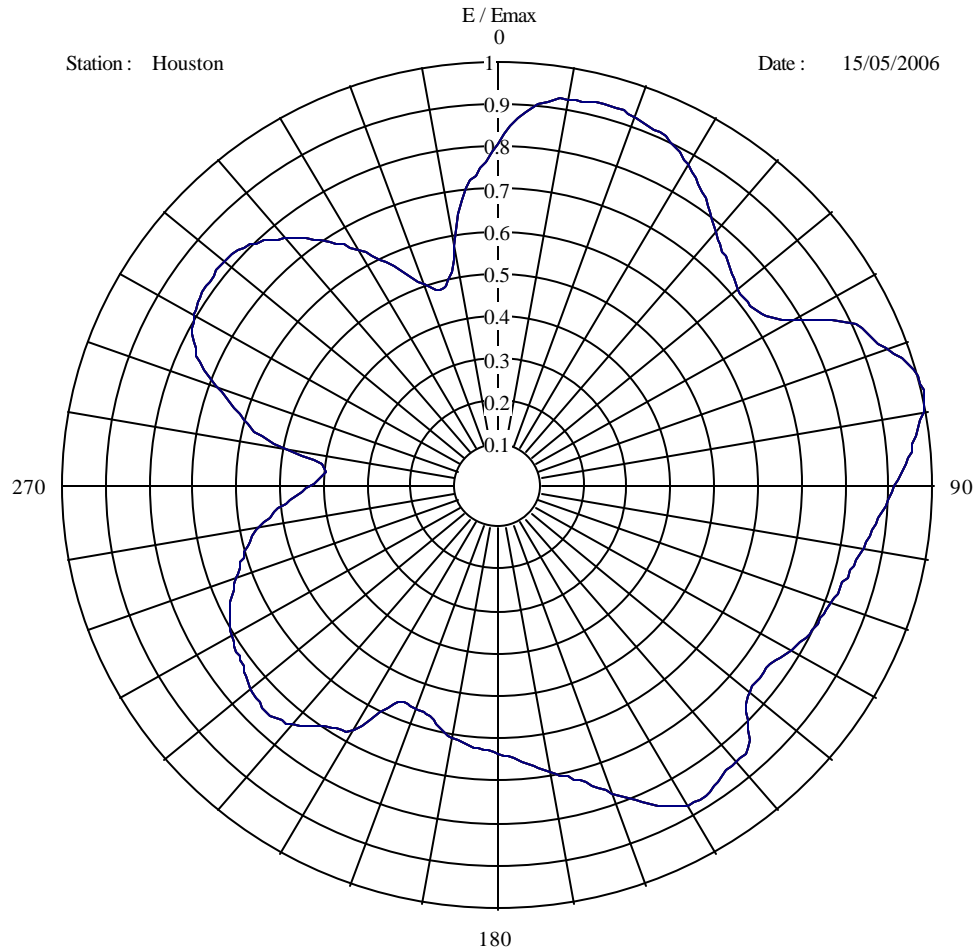
5.00	0.6660	-19.00	0.0096
4.50	0.0492	-19.50	0.0211
4.00	0.0777	-20.00	0.0237
3.50	0.1063	-20.50	0.0206
3.00	0.0939	-21.00	0.0240
2.50	0.1066	-21.50	0.0264
2.00	0.1757	-22.00	0.0179
1.50	0.2198	-22.50	0.0048
1.00	0.2973	-23.00	0.0178
0.50	0.5229	-23.50	0.0247
0.00	0.8040	-24.00	0.0211
-0.50	0.9831	-24.50	0.0179
*-0.7	1.0000	-25.00	0.0228
-1.00	0.9566	-25.50	0.0250
-1.50	0.7182	-26.00	0.0249
-2.00	0.3806	-26.50	0.0317
-2.50	0.2216	-27.00	0.0395
-3.00	0.3199	-27.50	0.0438
-3.50	0.3088	-28.00	0.0580
-4.00	0.1785	-28.50	0.0884
-4.50	0.1145	-29.00	0.1189
-5.00	0.1826	-29.50	0.1344
-5.50	0.1714	-30.00	0.1268
-6.00	0.0868	-30.50	0.0997
-6.50	0.0783	-31.00	0.0623
-7.00	0.1277	-31.50	0.0289
-7.50	0.1139	-32.00	0.0150
-8.00	0.0649	-32.50	0.0182
-8.50	0.0673	-33.00	0.0162
-9.00	0.0816	-33.50	0.0103
-9.50	0.0569	-34.00	0.0410
-10.00	0.0315	-34.50	0.0041
-10.50	0.0528	-35.00	0.0067
-11.00	0.0533	-35.50	0.0084
-11.50	0.0255	-36.00	0.0063
-12.00	0.0256	-36.50	0.0016
-12.50	0.0443	-37.00	0.0075
-13.00	0.0364	-37.50	0.0142
-13.50	0.0091	-38.00	0.0173
-14.00	0.0207	-38.50	0.0159
-14.50	0.0347	-39.00	0.0123
-15.00	0.0361	-39.50	0.0105
-15.50	0.0371	-40.00	0.0114
-16.00	0.0365	-40.50	0.0108
-16.50	0.0244	-41.00	0.0076
-17.00	0.0071	-41.50	0.0054
-17.50	0.0196	-42.00	0.0079
-18.00	0.0250	-42.50	0.0094
-18.50	0.0155		



Horizontal Radiation Pattern

Station : Houston

Date : 15/05/2006



Model : PHP80U22211E

Polarisation : Horizontal

Frequency (MHz) : 527.00

Directivity : 2.49 dB

Elevation Angle : 0.7 degrees

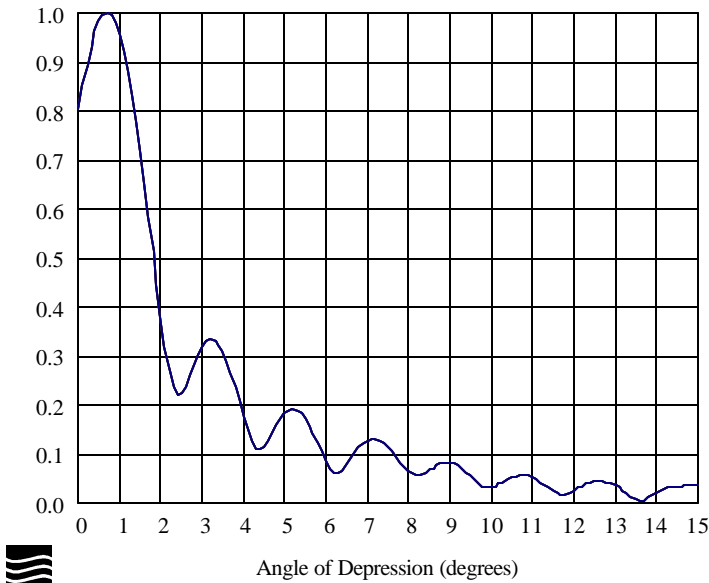
Horizontal Unit Pattern

File = 5SO-530.PAT

Pattern Tolerance +/- 5% of Emax

E / Emax

Vertical Radiation Pattern



Date : 15/05/2006
Station : Houston
Model : PHP80U22211E
Frequency (MHz) : 527.00
Directivity : 14.97 dBd
Tilt : 0.7 degrees
Azimuth Angle : 77 degrees
Vertical Unit Pattern : php-527.vup



Angle of Depression (degrees)