HFp Vertical Configuration chart

10/25/08

Freq Range				Element Mix								
Low	**High**	MHz	B/W									
Rtn Loss		Range	KHz	**1st**	**2nd**	**3rd**	**4th**	**5th**	**6th**	**7th**	**8th**	**Radials**
3.24				3-Up	80M	2-Dn	0	1	1	1	1	Full
20.10												
3.40	**3.58**	0.18	75	3-Up	80M	2-Dn	1	1	1	1	-	Full
18.20	16.90											
3.58	**3.80**	0.22	80	2-Up	1	80M	0	3-Dn	1	1	1	Full
17.70	18.00											
3.80	**4.06**	0.26	78	2-Up	1	80M	3-Up	1	1	1	-	Full
17.60	21.00											
4.05	**4.37**	0.32	74	2-Up	1	3-Up	80M	1	1	1	-	Full
19.50	22.10											
4.32	**4.71**	0.40	76	1	1	2-Dn	80M	0	1	1	-	Full
23.90	27.00											
4.68	**5.21**	0.53	78	1	1	3-Up	0	80M	1	1	-	Full
25.00	25.70											
5.14	**5.94**	0.80	109	1	1	3-Dn	2-Dn	1	80M	1	-	Full
27.00	23.00											
5.90	**6.22**	0.32	137	3-Up	2-Dn	1	0	1	1	1	-	Full
13.40	13.10											
6.22	**6.60**	0.38	139	2-Up	3-Up	1	0	1	1	1	-	25'
13.40	13.00											
6.40	**6.81**	0.41	216	2-Up	1	3-Dn	0	1	1	1	-	22'
26.70	20.60											

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Freq Range				Element Mix								
Low	**High**	MHz	B/W									
Rtn Loss		Range	KHz	**1st**	**2nd**	**3rd**	**4th**	**5th**	**6th**	**7th**	**8th**	**Radials**
6.72	**7.20**	0.48	226	2-Up	1	3-Up	0	1	1	1	-	22'
22.20	19.40											
7.18	**7.77**	0.60	210	2-Up	1	3-Up	1	1	1	-	-	22'
19.80	17.50											
7.70	**8.47**	0.78	348	2-Up	1	1	0	3-Up	1	1	-	21'
21.50	28.80											
8.50	**9.55**	1.05	353	1	2-Dn	1	0	1	3-Up	1	-	21'
37.50	16.50											
9.50	**10.77**	1.27	310	1	1	1	0	3-Dn	1	-	-	6th Mark
28.10	21.00											
10.78	**12.78**	2.00	350	1	1	1	3-Up	1	-	-	-	6th Mark
22.00	33.50											
12.86	**14.36**	1.50	850	1	0	1	2-Up	1	1	-	-	6th Mark
34.20	30.70											
13.80	**15.69**	1.89	1,001	1	0	1	2-Dn	1	-	-	-	6th Mark
52.00	27.20											
15.18	**18.16**	2.98	1,210	1	0	1	2-Up	1	-	-	-	6th Mark
25.60	13.90											
18.27	**23.00**	4.73	2,360	1	0	1	1	2-Up	-	-	-	5th Mark
22.50	19.60											
19.41	**25.74**	6.33	3,280	1	1	1	2-Up	-	-	-	-	5th Mark
21.30	17.10											

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Freq Range				Element Mix								
Low	**High**	MHz	B/W									
Rtn Loss		Range	KHz	**1st**	**2nd**	**3rd**	**4th**	**5th**	**6th**	**7th**	**8th**	**Radials**
25.10	**29.59**	4.49	4,850	1	1	1	0	-	-	-	-	4th Mark
38.00	17.10											
29.50	**36.09**	6.59	5,230	1	1	1	-	-	-	-	-	4th Mark
22.10	19.40											
32.57	**38.73**	6.16	5,010	1	1	0	-	-	-	-	-	4th Mark
29.90	51.90											
38.72	**50.80**	12.08	9,250	1	1	-	-	-	-	-	-	4th Mark
32.00	17.90											
43.40	**57.06**	13.66	11,350	1	0	-	-	-	-	-	-	3rd Mark
32.10	25.70											
57.80	**85.56**	27.76	17,070	1	-	-	-	-	-	-	-	1st Mark
25.10	42.20											
71.44	**111.50**	40.06	19,800	0	-	-	-	-	-	-	-	1st Mark
24.70	19.60											