

Tabulation of 117.9 dBu Interfering Calculations Regarding Modification of BPFT-20101001AHB

Elevation Angle	Relative Field	Power Watts	Slant Distance*	Dist. On Ground* (Horizontal)	Dist Above Ground to Contour* (Vertical)
1	.999	249.500	141.1	141.1	11.7
2	.997	248.502	140.8	140.7	9.3
3	.992	246.016	140.1	139.9	6.8
4	.986	243.049	139.3	139.0	4.5
5	.979	239.610	138.3	137.8	2.1
6	.969	234.740	136.9	136.2	-0.1
7	.958	229.441	135.3	134.3	-2.3
8	.946	223.729	133.6	132.3	-4.4
9	.932	217.156	131.6	130.0	-6.4
10	.916	209.764	129.4	127.4	-8.3
12	.881	194.040	124.4	121.7	-11.7
14	.842	177.241	118.9	115.4	-14.6
16	.797	158.802	112.6	108.2	-16.9
18	.750	140.625	105.9	100.7	-18.5
20	.699	122.150	98.7	92.7	-19.6
25	.565	79.806	79.8	72.3	-19.5
30	.428	45.796	60.4	52.3	-16.0
35	.299	22.350	42.2	34.6	-10.0
40	.185	8.556	26.1	20.0	-2.6
45	.092	2.116	13.0	9.2	5.0
50	.021	0.110	3.0	1.9	11.9
55	.029	0.210	4.1	2.4	10.8
60	.059	0.870	8.3	4.2	7.0

65	.072	1.296	10.2	4.3	4.9
70	.072	1.296	10.2	3.5	4.6
75	.062	0.961	8.8	2.3	5.7
80	.046	0.529	6.5	1.1	7.8
85	.025	0.156	3.5	0.3	10.7
90	.000	0.000	0.0	0.0	14.2

*All distances calculated in meters