

70kV Single Circuit Output from Magnetic Field Software Calculation

Sum of vector components from each phase. Resultant B Max (mG).

	Distance	B Horz	B Vert	B Product	Base	Add 10 feet	10ft%
	(feet)	(mG)	(mG)	(mG)	B Max	B Max	Pct
	Distance	-----	-----	-----	Base	Add 10 feet	10ft%
	-200	1.235	1.496	1.94	1.519	1.493	1.71%
Row	-130	2.95	3.378	4.485	3.473	3.343	3.74%
omitted	-125	3.19	3.632	4.834	3.739	3.589	4.01%
from	-120	3.46	3.915	5.225	4.036	3.862	4.31%
table	-115	3.765	4.232	5.664	4.369	4.167	4.62%
-195 to	-110	4.11	4.588	6.159	4.745	4.507	5.02%
-135	-105	4.502	4.99	6.721	5.169	4.889	5.42%
	-100	4.95	5.446	7.359	5.652	5.319	5.89%
	-95	5.465	5.966	8.091	6.204	5.805	6.43%
	-90	6.059	6.563	8.932	6.837	6.356	7.04%
	-85	6.749	7.251	9.906	7.569	6.985	7.72%
	-80	7.554	8.05	11.04	8.421	7.705	8.50%
	-75	8.5	8.984	12.368	9.419	8.532	9.42%
	-70	9.617	10.084	13.935	10.595	9.488	10.45%
	-65	10.947	11.387	15.795	11.995	10.596	11.66%
	-60	12.54	12.94	18.02	13.675	11.885	13.09%
	-55	14.467	14.8	20.696	15.708	13.389	14.76%
	-50	16.818	17.029	23.934	18.191	15.146	16.74%
	-45	19.725	19.687	27.869	21.249	17.194	19.08%
	-40	23.374	22.804	32.655	25.033	19.568	21.83%
	-35	28.025	26.335	38.457	29.717	22.288	25.00%
ROW Edge	-30	33.997	30.097	45.405	35.468	25.341	28.55%
	-25	41.505	33.776	53.512	42.37	28.651	32.38%
	-20	50.172	37.3	62.518	50.282	32.058	36.24%
	-15	58.171	41.884	71.681	58.631	35.294	39.80%
	-10	61.885	50.157	79.659	66.246	38	42.64%
	-5	58.028	61.778	84.757	71.532	39.797	44.36%
Center	0	48.503	70.619	85.671	73.142	40.406	44.76%
	5	41.971	70.703	82.223	70.736	39.738	43.82%
	10	42.959	61.972	75.405	65.129	37.935	41.75%
	15	45.302	49.053	66.772	57.728	35.295	38.86%
	20	44.518	36.785	57.749	49.871	32.176	35.48%
	25	40.793	27.653	49.282	42.457	28.899	31.93%
ROW Edge	30	35.673	21.843	41.829	35.923	25.701	28.46%
	35	30.382	18.371	35.504	30.388	22.728	25.21%
	40	25.561	16.16	30.241	25.793	20.049	22.27%
	45	21.437	14.531	25.898	22.014	17.684	19.67%
	50	18.02	13.172	22.321	18.912	15.623	17.39%
	55	15.23	11.965	19.369	16.361	13.838	15.42%
	60	12.965	10.873	16.92	14.253	12.298	13.72%
	65	11.122	9.883	14.879	12.5	10.97	12.24%
	70	9.618	8.989	13.165	11.034	9.824	10.97%
	75	8.383	8.186	11.717	9.798	8.832	9.86%
	80	7.361	7.467	10.485	8.75	7.971	8.90%
	85	6.509	6.824	9.43	7.855	7.221	8.07%
	90	5.793	6.25	8.522	7.086	6.566	7.34%
	95	5.187	5.738	7.735	6.421	5.991	6.70%
Row	100	4.67	5.28	7.049	5.843	5.484	6.14%
omitted	105	4.226	4.87	6.448	5.338	5.037	5.64%
from	110	3.842	4.502	5.919	4.893	4.639	5.19%
table	115	3.509	4.172	5.451	4.501	4.285	4.80%
-195 to	120	3.217	3.875	5.036	4.154	3.969	4.45%
-135	125	2.96	3.606	4.665	3.844	3.685	4.14%
	130	2.733	3.363	4.334	3.567	3.43	3.84%
	200	1.147	1.51	1.896	1.546	1.52	1.68%