



BRM64510 ALLOWABLE ANTENNA AREAS

EFFECTIVE PROJECTED AREA (E.P.A.)	BALLAST (LBS)	ZERO VELOCITY LOAD (PSF)	Vs (MPH)	Vmax AT CENTROID OF PROJECTED AREA, (MPH) 4" STD. PIPE MAST, 4.5" O.D., GRADE 50						
				CENTROID OF E.P.A.						
				h=4 FT	h=5 FT	h=6 FT	h=7 FT	h=8 FT	h=9 FT	h=10 FT
40 FT ²	500	5.0	49	64	57	52	48	45	43	40
	750	7.5	61	78	70	64	59	55	52	49
	1000	10.0	70	90	81	74	68	64	60	57
	1250	12.5	78	101	90	82	76	71	67	64
	1500	15.0	86	109	97	89	82	77	73	69
	1750	17.5	92	115	103	94	87	81	77	73
	2000	20.0	99	121	108	99	92	86	81	77
	2250	22.5	105	127	113	104	96	90	85	80
	2500	25.0	110	132	118	108	100	94	88	84
	2750	27.5	116	138	123	112	104	97	92	87
3000	30.0	121	140	125	114	106	99	93	88	
45 FT ²	500	5.0	47	60	54	49	45	43	40	38
	750	7.5	57	74	66	60	56	52	49	47
	1000	10.0	66	85	76	69	64	60	57	54
	1250	12.5	74	95	85	78	72	67	63	60
	1500	15.0	81	103	92	84	78	73	68	65
	1750	17.5	87	109	97	89	82	77	72	69
	2000	20.0	93	114	102	93	86	81	76	72
	2250	22.5	99	120	107	98	90	85	80	76
	2500	25.0	104	125	112	102	94	88	83	79
	2750	27.5	109	130	116	106	98	92	86	82
3000	30.0	114	132	118	108	100	93	88	83	
50 FT ²	500	5.0	44	57	51	47	43	40	38	36
	750	7.5	54	70	63	57	53	49	47	44
	1000	10.0	63	81	72	66	61	57	54	51
	1250	12.5	70	90	81	74	68	64	60	57
	1500	15.0	77	97	87	80	74	69	65	62
	1750	17.5	83	103	92	84	78	73	69	65
	2000	20.0	88	108	97	89	82	77	72	69
	2250	22.5	94	113	101	93	86	80	76	72
	2500	25.0	99	118	106	97	89	84	79	75
	2750	27.5	104	123	110	100	93	87	82	78
3000	30.0	108	125	112	102	94	88	83	79	

NO.: ▲ REVISION DESCRIPTION ▲ DATE: ▲ REV.BY: ▲ CHKD.BY ▲ APPD.BY

THIS DRAWING IS THE PROPERTY OF UNR-ROHN. IT IS NOT TO BE REPRODUCED, COPIED OR TRACED IN WHOLE OR IN PART WITHOUT OUR WRITTEN CONSENT.

DRAWN BY: CSR	DATE: 9/14/94
CHECKED BY: HA	DATE: 11-3-94
APP'D. ENG: DGB	DATE: 11-3-94
APP'D. SALES:	DATE:
FILE NUMBER: 24330RK	
DRAWING NUMBER: A942359-3 of 8	

UNR-ROHN

**BRM64510 ALLOWABLE
ANTENNA AREAS**