



Note: Measurements are at 20 deg elevation.							
Antenna	Gain	RDF	Front/Back	Beamwidth			
90 ft. top loaded TX vertical	1.4 dBi	4.9	N/A Omni-directional	360 degrees			
K9AY loop	-25.6 dBi	7.2	11.5 dB.	163 degrees			
4 square of K9AY loops	-22.2 dBi	9.1	18.9 dB.	58 degrees			
10 Foot Dia. tuned loop	2.2dBi	4.0	6.8dB F/Side Bi-directional	105 degrees			
Flag	-29.7dBi	7.4	22.8dB	146 degrees			
Beverage 1000 Ft.	-6.4dBi	12.3	31dB	63 degrees			
Beverage pair 1000 ft. 400 ft. space	-2.9dBi	14.6	40 dB	35 degrees			
Beverage 910 Ft.	-5.3dBi	11.9	15 dB	64 degrees			
Beverage 500 Ft.	-10.6dBi	9.0	23.9 dB	80 degrees			
Beverage 300 Ft.	-14.5dBi	6.5	9.9dB	89 degrees			
4 square Tx antenna	6.8dBi	10.7	25.5dB	99 degrees			
Inverted vee 120 ft.	-1.08dBi	.6	N/A omni	360 degrees			
Waller Flag	-54dBi	12.2	32dB	84 degrees			
2 element Hi-Z Cardioid - 50ft space	amplified	9.0	35dB	137 degrees			
Hi Z 8 element all active 200 ft circle	amplified	13.45	44dB	53 degrees			
Hi-Z Triangular Array -40 ft	amplified	9.21	39db	131 degrees			
Hi-Z 350 ft circle 4 active of 8	amplified	12.3	20.8dB	54 degrees			
Hi-Z Rectangular Array Bsef* Hiz vert array 70x320	amplified	12.9	28.8dB	51 degrees			
Hi-Z 4 square array -80ft	amplified	12.13	41 db	72 degrees			