

TFD Analysis

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EZNEC Model

30' x 8", 800 Ω terminator resistor, 16:1 transformer

Wires along N-S line

Freq (MHz)	7' 4"		9'2"		11'0"	
	Dir. Gain (dBi)	Net Gain (dB)	Dir. Gain (dBi)	Net Gain (dB)	Dir. Gain (dBi)	Net Gain (dB)
15	-3.48	-3.55	-2.18	-2.26	-1.29	-1.39
16	-2.36	-2.49	-1.12	-1.27	-0.31	-0.48
17	-1.44	-1.64	-0.26	-0.50	0.45	0.19
18	-0.70	-0.98	0.39	0.07	1.00	0.64
19	-0.13	-0.49	0.89	0.48	1.40	0.95
20	0.32	-0.11	1.24	0.75	1.61	1.11
21	0.67	0.18	1.49	0.94	1.80	1.22
22	0.94	0.41	1.65	1.07	1.86	1.25
23	1.12	0.56	1.76	1.16	1.85	1.23
24	1.27	0.71	1.81	1.20	1.77	1.16
25	1.38	0.82	1.83	1.24	1.69	1.09
26	1.45	0.91	1.81	1.24	1.55	0.97
27	1.51	1.00	1.78	1.24	1.39	0.85
28	1.56	1.08	1.74	1.23	1.20	0.70
29	1.58	1.13	1.67	1.20	0.99	0.53
30	1.61	1.19	1.60	1.17	0.76	0.34
31	1.64	1.26	1.51	1.12	0.50	0.12
32	1.65	1.31	1.41	1.06	0.21	-0.13
33	1.67	1.37	1.32	1.01	-0.10	-0.40
34	1.68	1.41	1.20	0.93	-0.43	-0.69
35	1.67	1.43	1.07	0.83	-0.80	-1.02

