

TEST RESULTS FOR NEW DX-LB LO BAND ANTENNA

Revised 5/13/12

FREQ KHz	BYPASS SWR		MFJ 949E SETTINGS FOR BEST MATCH			TUNED SWR
			TRANSMITTER	INDUCTOR	ANTENN	
40M	100W					
7125	1.5		6	G	5.9	1.2
7150	1.5		5.8	G	6	1.2
7175	1.4		5.8	G	6.2	1.2
7200	1.5		5.6	G	6.4	1.2
7225	1.6		6	G	6.4	1.1
7250	1.75		5.5	G	6.5	1.1
7275	1.85		5.5	G	6.7	1.1
7300	1.95		5.5	G	6.8	1.1
80/75M	50W					
3700	6		5.9	C	5	1.2
3720	6		5.8	C	5.4	1.3
3740	6		6	C	5.4	1.3
3750	5.9		6	C	5.4	1.3
3760	5.8		6.3	C	5.2	1.2
3780	5.7		6.1	C	5.6	1.4
3800	4.4		6	C	5	1.5
3820	3		6.7	C	5.6	1.4
3840	1.8		5.3	D	5	1.1
3850	1.4		5.5	D	4.8	1.4
3860	1.2		5.8	C	6.9	1.2
3870	1.55		5.5	C	7	1.2
3880	2.2		5.2	C	7.5	1.3
3900	3.5		5.2	C	7.3	1.2
3940	5		6	C	6.1	1.2
3960	5.2		6.5	C	6	1.2
3980	5.2		6.7	C	6	1.3
4000	4		6.6	C	6	1.3
160M	50W					
1800	>6	*	3.4	A	4.5	6
1820	6		4	A	4.2	2.5
1830	5.9		4	A	4	2.25
1840	4.3		4.2	A	4	1.4
1850	2.2		4.5	A	4	1.2
1860	1.3		4.5	A	4	1.4
1870	2.25		4.6	A	3.6	1.2
1880	4.3		4.6	A	3.5	1.2
1900	6		4.5	A	4.2	2.5
1920	6		4.6	A	4.4	2.5
1940	>6	*	5	A	4.3	4.3
1960	>6	*	5.3	A	4.4	4.3
1980	>6		5.4	A	4.5	2.5
1990	>6		5.5	A	4.5	2.5
2000	>6		5.5	A	4.5	2.5