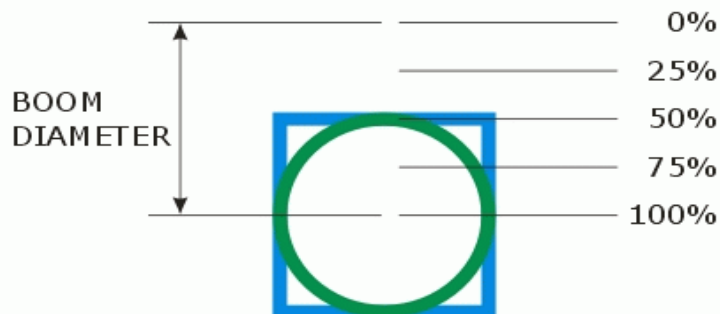


BOOM CORRECTION

AS PER DL6WU FORMULA

144 MHz			432 MHz		
BOOM DIAMETER mm	NOT INSULATED THROUGH THE BOOM el.+mm	INSULATED THROUGH THE BOOM el.+mm	BOOM DIAMETER mm	NOT INSULATED THROUGH THE BOOM el.+mm	INSULATED THROUGH THE BOOM el.+mm
10	1.7	0.8	10	3.4	1.7
12	2.2	1.1	12	4.5	2.3
14	2.9	1.4	14	5.9	2.9
15	3.2	1.6	15	6.6	3.3
16	3.6	1.8	16	7.3	3.7
18	4.4	2.2	18	8.9	4.4
20	5.2	2.6	20	10.6	5.3
22	6.1	3.0	22	12.3	6.2
24	7.0	3.5	24	14.2	7.1
25	7.5	3.7	25	15.2	7.6
26	8.0	4.0	26	16.3	8.1
28	9.0	4.5	28	18.4	9.2
30	10.1	5.0	30	20.6	10.3
32	11.2	5.6	32	22.9	11.4
34	12.4	6.2	34	25.3	12.6
35	13.0	6.5	35	26.5	13.3
36	13.6	6.8	36	27.8	13.9
38	14.9	7.5	38	30.4	15.2
40	16.2	8.1	40	33.1	16.5
42	17.6	8.8	42	35.8	17.9
45	19.7	9.9	45	40.2	20.1
48	21.9	11.0	48	44.7	22.3
50	23.4	11.7	50	47.8	23.9



When elements are to be mounted above the boom, the correction coefficient must be decreased by an amount dependent upon the distance between the center of the boom and the element.

This figure will also allow you approximate boom correction if an element is not placed directly through the center of the boom or it is mounted above the boom.