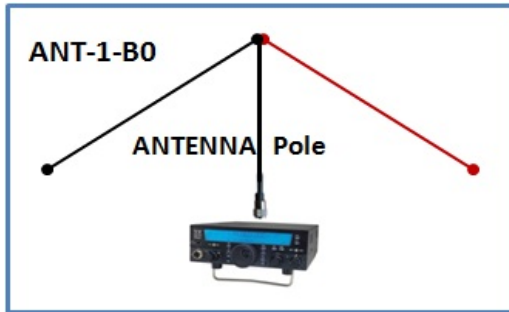


TEST	ANT-1 + B0 Full Scale -->	CMC CURRENT		(Plus 30cm of RG-213 for measurements)
		300 mA	100 mA	DESCRIPTION
1	Config. 1A	27	50	11m RG-174
2	Config. 1B	30	58	11m RG-174 + Ground
3	Config. 1C	18	44	11m RG-174 + C1 Choke
4	Config. 1D	33	60	11m RG-174 + C1 Choke + Ground
5	Config. 2A	20	60	" $\lambda/2$ " Coax
6	Config. 2B	20	80	" $\lambda/2$ " Coax + Ground
7	Config. 2C	0	11	" $\lambda/2$ " Coax + C1 Choke
8	Config. 2D	0	12	" $\lambda/2$ " Coax + C1 Choke + Ground
9	Config. 3A	9	30	" $\lambda/2$ (CMC)" Coax
10	Config. 3B	60	80	" $\lambda/2$ (CMC)" Coax + Ground
11	Config. 3C	0	12	" $\lambda/2$ (CMC)" Coax + C1 Choke
12	Config. 3D	0	8	" $\lambda/2$ (CMC)" Coax + C1 Choke + Ground
13	Config. 4A	45	72	" $\lambda/2$ (CMC)" Coax
14	Config. 4B	490	^	" $\lambda/2$ (CMC)" Coax + Ground
15	Config. 4C	30	50	" $\lambda/2$ (CMC)" Coax + C1 Choke
16	Config. 4D	30A	57	" $\lambda/2$ (CMC)" Coax + C1 Choke + Ground
Note 1: " $\lambda/2$ (CMC)" coax length calculated with VF = 0.95				
Note 2: " $\lambda/2$ (CMC)" Coax = 11m RG174 + 10' (3.1m) RG8X + 30cm RG-213				
Note 3: "^" means "Full Scale"				

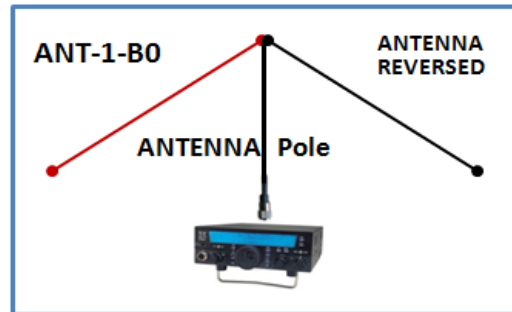
TEST	ANT-1-B0 (rotated 90 degrees) - ANT in BLACK POSITION			
17	Config. 4AR	33	52	" $\lambda/2$ (CMC)" Coax
18	Config. 4BR	420	^	" $\lambda/2$ (CMC)" Coax + Ground
19	Config. 4CR	12	38	" $\lambda/2$ (CMC)" Coax + C1 Choke
20	Config. 4DR	15	42	" $\lambda/2$ (CMC)" Coax + C1 Choke + Ground
	Full Scale -->	300 mA	100 mA	

CHOKE COMPARISON TEST				
TEST	ANT-1-B0 + C2	CMC CURRENT		at TX - ANT in BLACK POSITION
21	Config. 4CR	24	43	" $\lambda/2$ (CMC)" Coax + C1 Choke
22	Config. 4DR	10	18	" $\lambda/2$ (CMC)" Coax + C1 Choke + Ground
	Full Scale -->	300 mA	100 mA	
TEST	ANT-1-B0 + C3	CMC CURRENT		at TX - ANT in BLACK POSITION
23	Config. 4CR	0	10	" $\lambda/2$ (CMC)" Coax + C1 Choke
24	Config. 4DR	0	2	" $\lambda/2$ (CMC)" Coax + C1 Choke + Ground

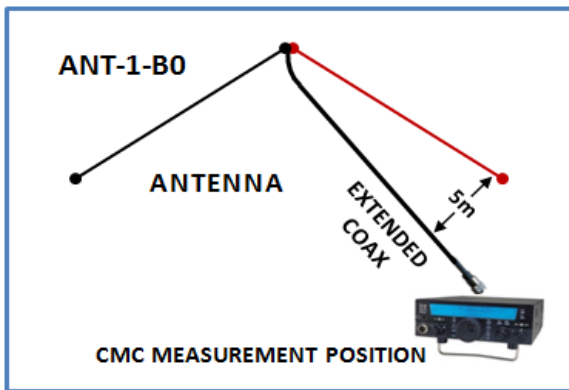
CONFIGURATIONS 1, 2, & 3



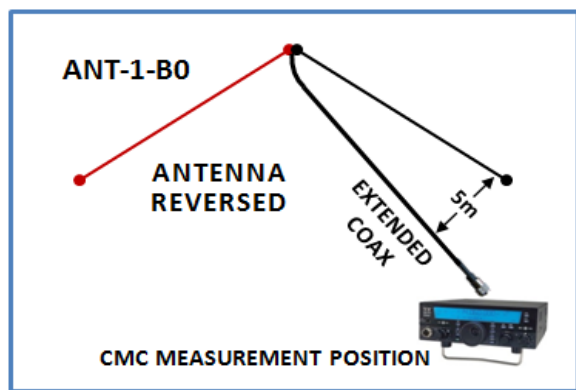
CONFIGURATIONS 1R, 2R, & 3R



CONFIGURATION 4



CONFIGURATION 4R



BALUN B1: 1:1 Guanella; 2x 100 Ω Bifilar Windings (Teflon) in Parallel

CHOKE C1: 1:1 W2DU (Maxwell) w. 20x Ferrite Beads, Ferroxcube CST 9.5/5.1/15-3S4

CHOKE C2: 1:1 RADIOWORKS Model "T4"; No idea what is inside. (W2DU?)

CHOKE C3: 1:1 Guanella 16 Turns RG-316 Cross-Wound on a Ferroxcube TX36/23/15-4A11 Toroid