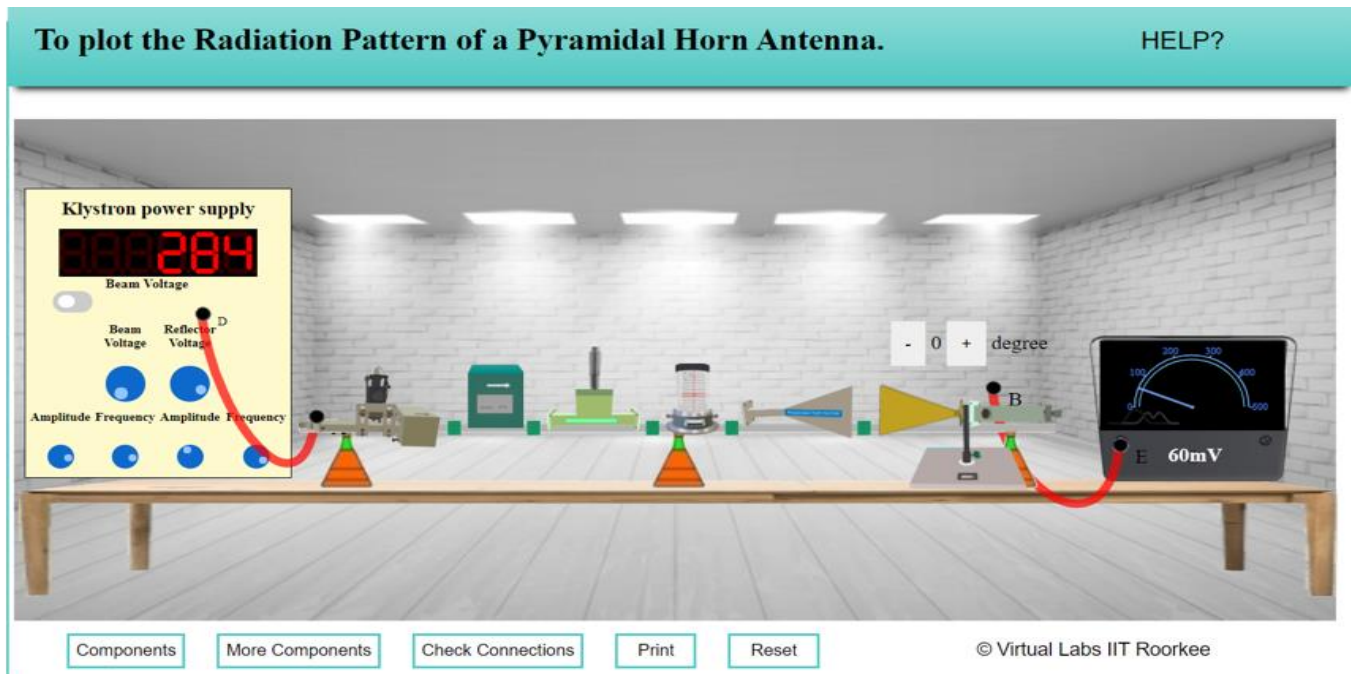


Connections to Record the Value for Gain and Plot the Radiation Pattern for Horn Antenna



Readings for Radiation Pattern of Horn Antenna

INPUT VOLTAGE $V_T = 330\text{mv}$

Angle (degree s)	V_R (mv)		Gain (dB) = $20 \log (V_R/V_T)$	
	Clock wise	Anticlock wise	Clock wise	Anticlock wise
0	61	60	-14.66	-14.81
5				
10	56	55	-15.41	-15.56
15				
20	41	40	-18.11	-18.33
25				
30	21	20	-23.93	-24.35
35				
40	16	15	-26.29	-26.85
45				
50	26	25	-22.07	-22.41
55				
60	41	40	-18.11	-18.33
65				
70	61	60	-14.66	-14.81
75				
80	21	20	-23.93	-24.35
85				
90	11	10	-29.54	-30.37

Radiation Pattern Of Horn Antenna

