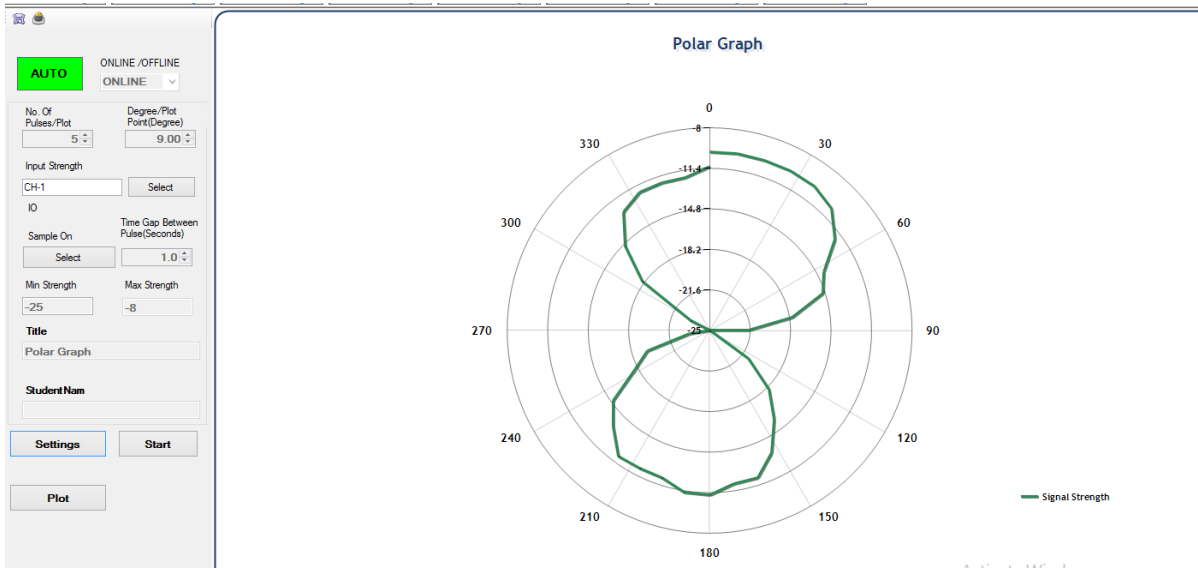


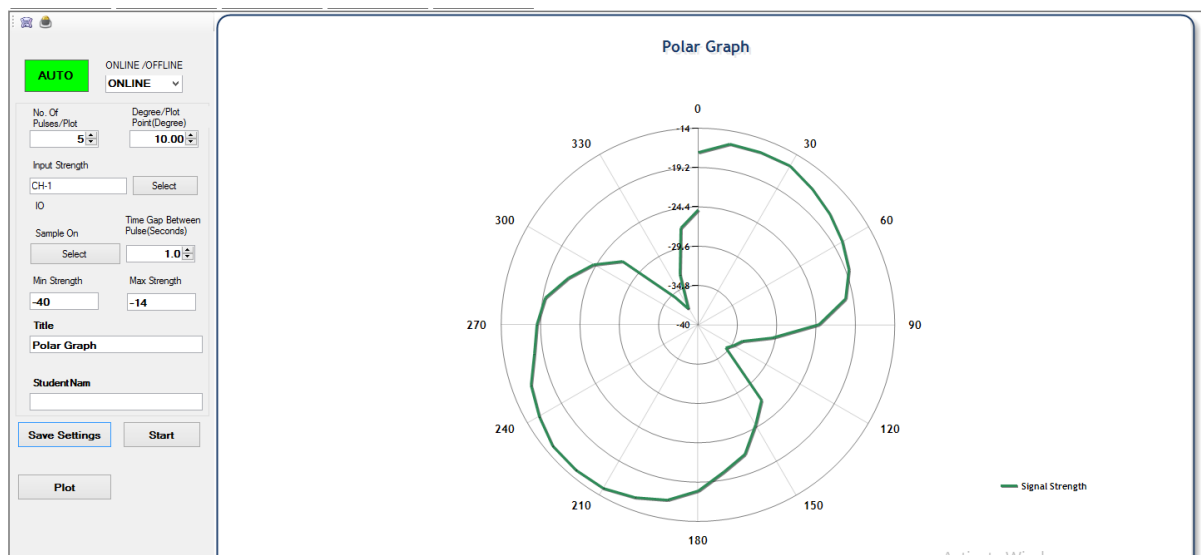
# Half Wave Folded Dipole Antenna



	Angle (degrees)	Power (dBm)
0	0	-10.00
1	9	-10.00
2	18	-10.00
3	27	-10.00
4	36	-10.00
5	45	-10.50
6	54	-12.00
7	63	-14.25
8	72	-15.00
9	81	-18.00
10	90	-21.75
11	99	-25.00
12	108	-25.00
13	117	-25.00
14	126	-21.00
15	135	-18.00
16	144	-15.75
17	153	-13.50
18	162	-12.00
19	171	-12.00
20	180	-11.25
21	189	-11.25
22	198	-12.00

	Angle (degrees)	Power (dBm)
23	207	-12.00
24	216	-12.00
25	225	-13.50
26	234	-15.00
27	243	-18.00
28	252	-19.50
29	261	-23.25
30	270	-25.00
31	279	-25.00
32	288	-25.00
33	297	-23.25
34	306	-18.00
35	315	-15.00
36	324	-12.75
37	333	-12.00
38	342	-12.00
39	351	-12.00
40	360	-11.25

## Half Wave Simple Dipole Antenna

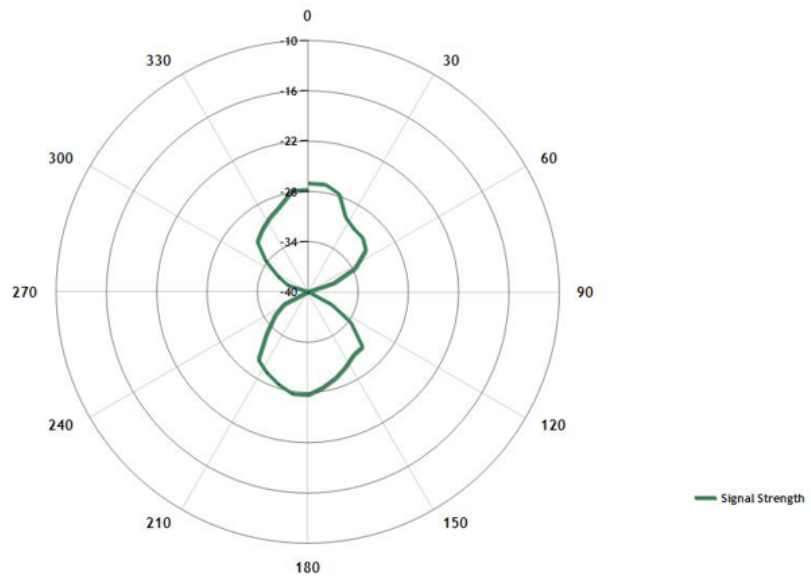


	Angle (degrees)	Power (dBm)
0	0	-17.25
1	10	-15.75
2	20	-15.75
3	30	-15.75

	Angle (degrees)	Power (dBm)
<b>4</b>	40	-16.50
<b>5</b>	50	-17.25
<b>6</b>	60	-18.00
<b>7</b>	70	-18.75
<b>8</b>	80	-20.25
<b>9</b>	90	-24.00
<b>10</b>	100	-30.00
<b>11</b>	110	-33.75
<b>12</b>	120	-34.50
<b>13</b>	130	-35.25
<b>14</b>	140	-27.00
<b>15</b>	150	-24.75
<b>16</b>	160	-21.75
<b>17</b>	170	-20.25
<b>18</b>	180	-18.00
<b>19</b>	190	-16.50
<b>20</b>	200	-15.75
<b>21</b>	210	-15.00
<b>22</b>	220	-15.00
<b>23</b>	230	-15.00
<b>24</b>	240	-15.75
<b>25</b>	250	-16.50
<b>26</b>	260	-18.00
<b>27</b>	270	-18.75
<b>28</b>	280	-19.50
<b>29</b>	290	-21.75
<b>30</b>	300	-24.00
<b>31</b>	310	-27.00
<b>32</b>	320	-35.25
<b>33</b>	330	-37.50
<b>34</b>	340	-33.00
<b>35</b>	350	-27.00
<b>36</b>	360	-24.75

## Quarter Wave Simple Dipole Antenna

Quarter-Wave Simple Dipole



Angle (degrees) Power (dBm)

0	0	-27.00
1	9	-27.00
2	18	-27.75
3	27	-30.00
4	36	-30.75
5	45	-30.75
6	54	-31.50
7	63	-33.75
8	72	-36.75
9	81	-40.00
10	90	-40.00
11	99	-40.00
12	108	-40.00
13	117	-36.75
14	126	-33.75
15	135	-30.75
16	144	-30.75
17	153	-30.00
18	162	-29.25
19	171	-28.50
20	180	-27.75
21	189	-27.75
22	198	-28.50

	Angle (degrees)	Power (dBm)
23	207	-29.25
24	216	-30.00
25	225	-33.00
26	234	-35.25
27	243	-36.75
28	252	-39.75
29	261	-40.00
30	270	-40.00
31	279	-40.00
32	288	-37.50
33	297	-36.00
34	306	-33.75
35	315	-31.50
36	324	-30.75
37	333	-30.00
38	342	-29.25
39	351	-27.75
40	360	-27.75

# Half Wave Folded Dipole with Reflector Antenna

AUTO

ONLINE /OFFLINE

ONLINE

No. Of Pulses/Plot

Degree/Plot Point(Degree)

5

10.00

Input Strength

CH-1

Select

IO

Sample On

Time Gap Between Pulse(Seconds)

Select

1.0

Min Strength

Max Strength

-40

-10

Title

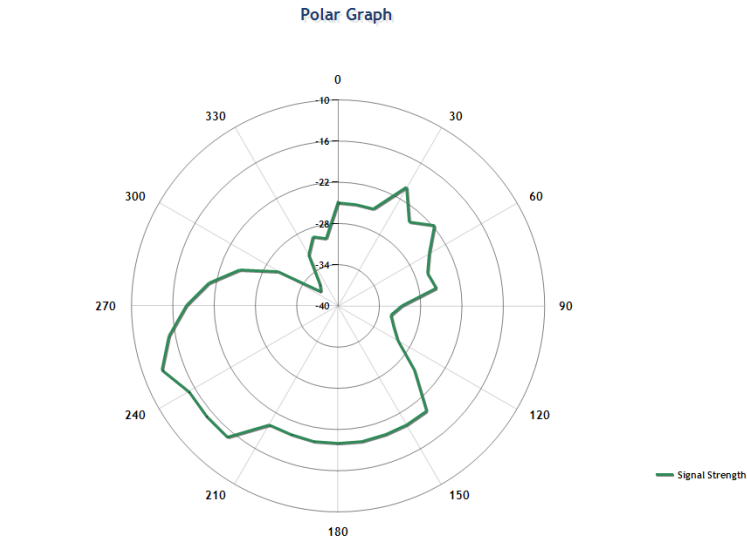
Polar Graph

Student Nam

Settings

Start

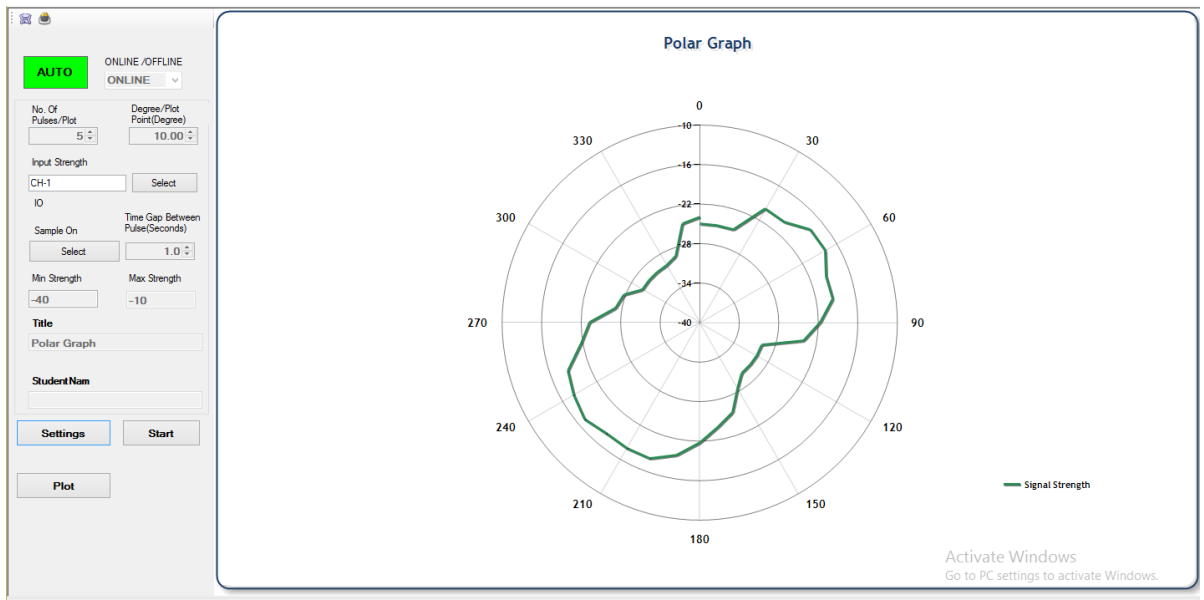
Plot



	Angle (degrees)	Power (dBm)
0	0	-25.00
1	10	-25.00
2	20	-25.00

	Angle (degrees)	Power (dBm)
3	30	-20.00
4	40	-24.00
5	50	-21.75
6	60	-24.75
7	70	-26.25
8	80	-25.50
9	90	-30.75
10	100	-32.25
11	110	-31.50
12	120	-30.00
13	130	-25.50
14	140	-20.00
15	150	-20.00
16	160	-20.00
17	170	-20.00
18	180	-20.00
19	190	-20.00
20	200	-20.00
21	210	-20.00
22	220	-15.00
23	230	-15.00
24	240	-15.00
25	250	-12.75
26	260	-15.00
27	270	-18.00
28	280	-21.00
29	290	-24.75
30	300	-30.00
31	310	-36.75
32	320	-36.00
33	330	-31.50
34	340	-29.25
35	350	-30.00
36	360	-24.75

## Yagi Uda Antenna



**Angle (degrees)    Power (dBm)**

<b>0</b>	0	-25.00
<b>1</b>	10	-25.00
<b>2</b>	20	-25.00
<b>3</b>	30	-20.00
<b>4</b>	40	-20.00
<b>5</b>	50	-18.00
<b>6</b>	60	-18.00
<b>7</b>	70	-19.50
<b>8</b>	80	-19.50
<b>9</b>	90	-21.75
<b>10</b>	100	-24.00
<b>11</b>	110	-30.00
<b>12</b>	120	-30.00
<b>13</b>	130	-30.00
<b>14</b>	140	-30.00
<b>15</b>	150	-28.50
<b>16</b>	160	-25.50
<b>17</b>	170	-24.00
<b>18</b>	180	-21.75
<b>19</b>	190	-19.50
<b>20</b>	200	-18.00
<b>21</b>	210	-18.00
<b>22</b>	220	-18.00
<b>23</b>	230	-17.25
<b>24</b>	240	-18.00

Angle (degrees)		Power (dBm)
25	250	-18.75
26	260	-21.75
27	270	-23.25
28	280	-27.00
29	290	-27.75
30	300	-30.00
31	310	-30.00
32	320	-30.00
33	330	-30.00
34	340	-29.25
35	350	-24.75
36	360	-24.00