

## Antenna Work Sheet

Antenna GAIN MASTER Height 61' Radio TS-50 Watts In 10Fm Date 4/18/11

Comments: out Basic Alone

Analyzer: Ametek VA1 FeedLine: 91 LMR400 VF: 85 Inline Meter: Daiwa CN801

Radiator("): 22,5' Radials("): \_\_\_\_\_ Matcher(") \_\_\_\_\_

$$\begin{array}{r} 24 \\ 1420 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ -420 \\ \hline \end{array}$$
$$\begin{array}{r} 23 \quad 58 \\ -2 \quad +18 \\ \hline 2.00 \quad 1.44 \\ 24 \quad 65 \end{array}$$

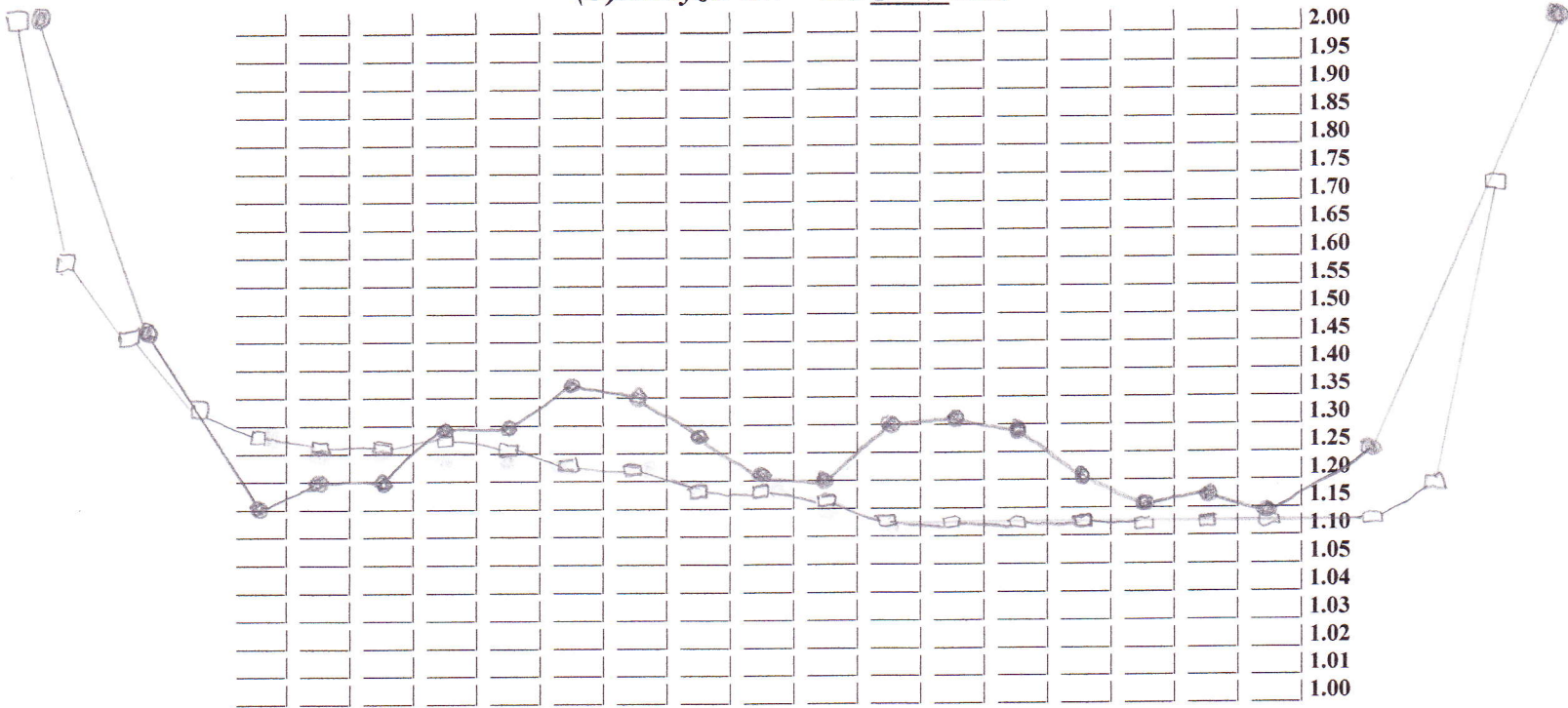
26-----26 27-----27 28-----  
.305 .405 .505 .605 .705 .805 .905 .005 .105 .205 .305 .405 .505 .605 .705 .805 .905 1.6meg 405

<u>43</u>	<u>42</u>	<u>42</u>	<u>42</u>	<u>42</u>	<u>40</u>	<u>41</u>	<u>44</u>	<u>44</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>53</u>	<u>49</u>	<u>48</u>	<u>48</u>	R	50
0	+1	+1	+7	+7	+9	+8	+8	+7	+9	+12	+12	+11	+7	+6	+5	+4	X	+10
<u>1.13</u>	<u>1.18</u>	<u>1.18</u>	<u>1.28</u>	<u>1.38</u>	<u>1.35</u>	<u>1.32</u>	<u>1.25</u>	<u>1.19</u>	<u>1.18</u>	<u>1.27</u>	<u>1.29</u>	<u>1.27</u>	<u>1.18</u>	<u>1.14</u>	<u>1.15</u>	<u>1.12</u>	SWR	1.23
<u>44</u>	<u>44</u>	<u>44</u>	<u>46</u>	<u>46</u>	<u>45</u>	<u>46</u>	<u>49</u>	<u>51</u>	<u>54</u>	<u>58</u>	<u>59</u>	<u>58</u>	<u>56</u>	<u>52</u>	<u>50</u>	<u>50</u>	Z	54

29  
750

$$\begin{array}{r} 24 \\ 0 \\ 2.00 \\ 27 \end{array}$$

**(O)Analyzer BW < 2:1 5.33 Mhz**



24	25	25
350	1.005	305 1.645
2.00	1.58	1.42 1.30
13	12	12 12

(□) *Inline Meter BW*  $< 2:1 = \underline{5.65 \text{ Mhz}}$

[illegible]

28	29	30
.005	.005	.005
1.10	1.16	1.70
1/2	12	11.5

Notes: \_\_\_\_\_