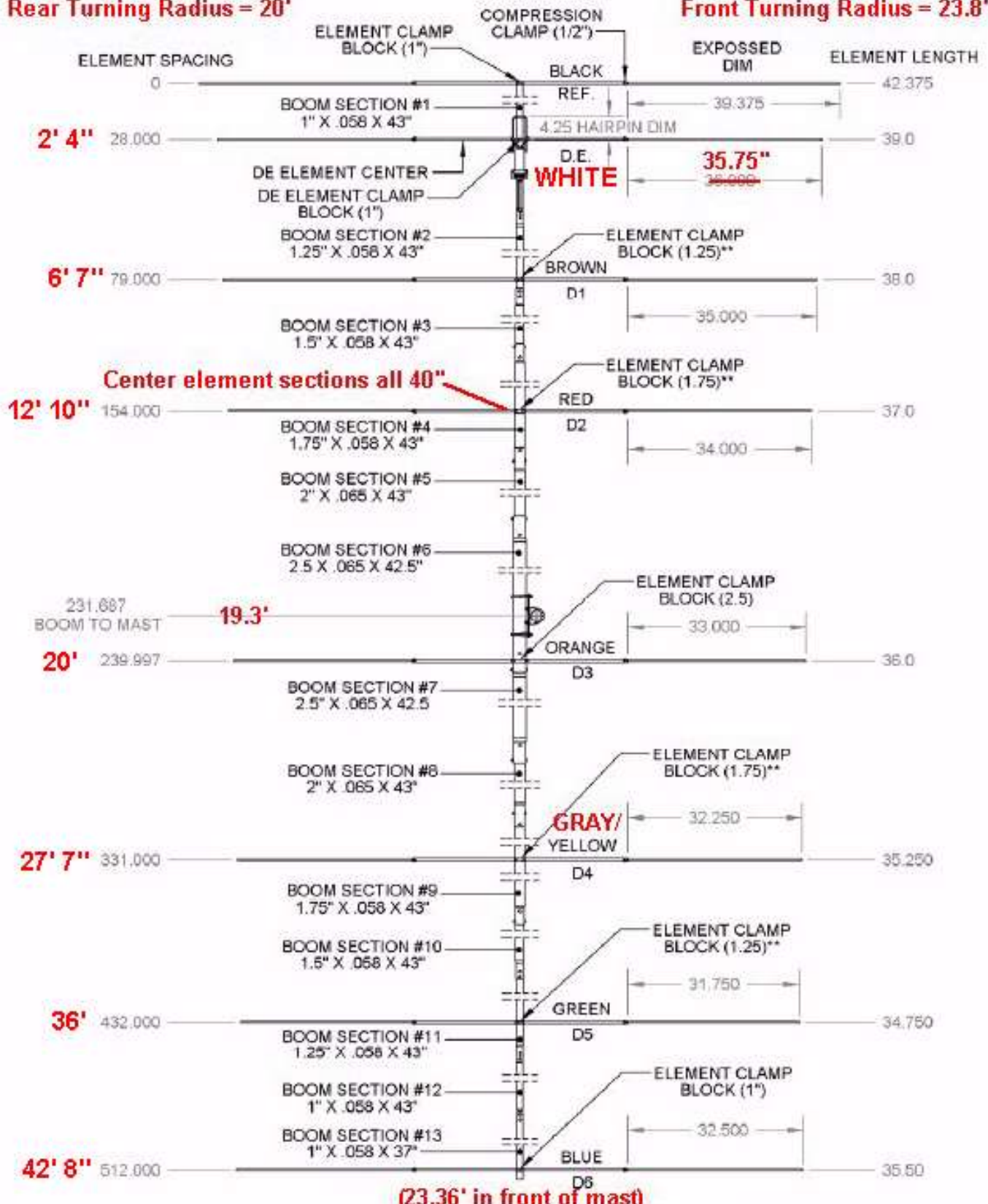


6M8GJ DIMENSION SHEET

TOOLS REQUIRED: Screwdriver, 11/32 wrench, socket or spintite, a 7/16" and 1/2" wrench or socket, tape measure.

Rear Turning Radius = 20'

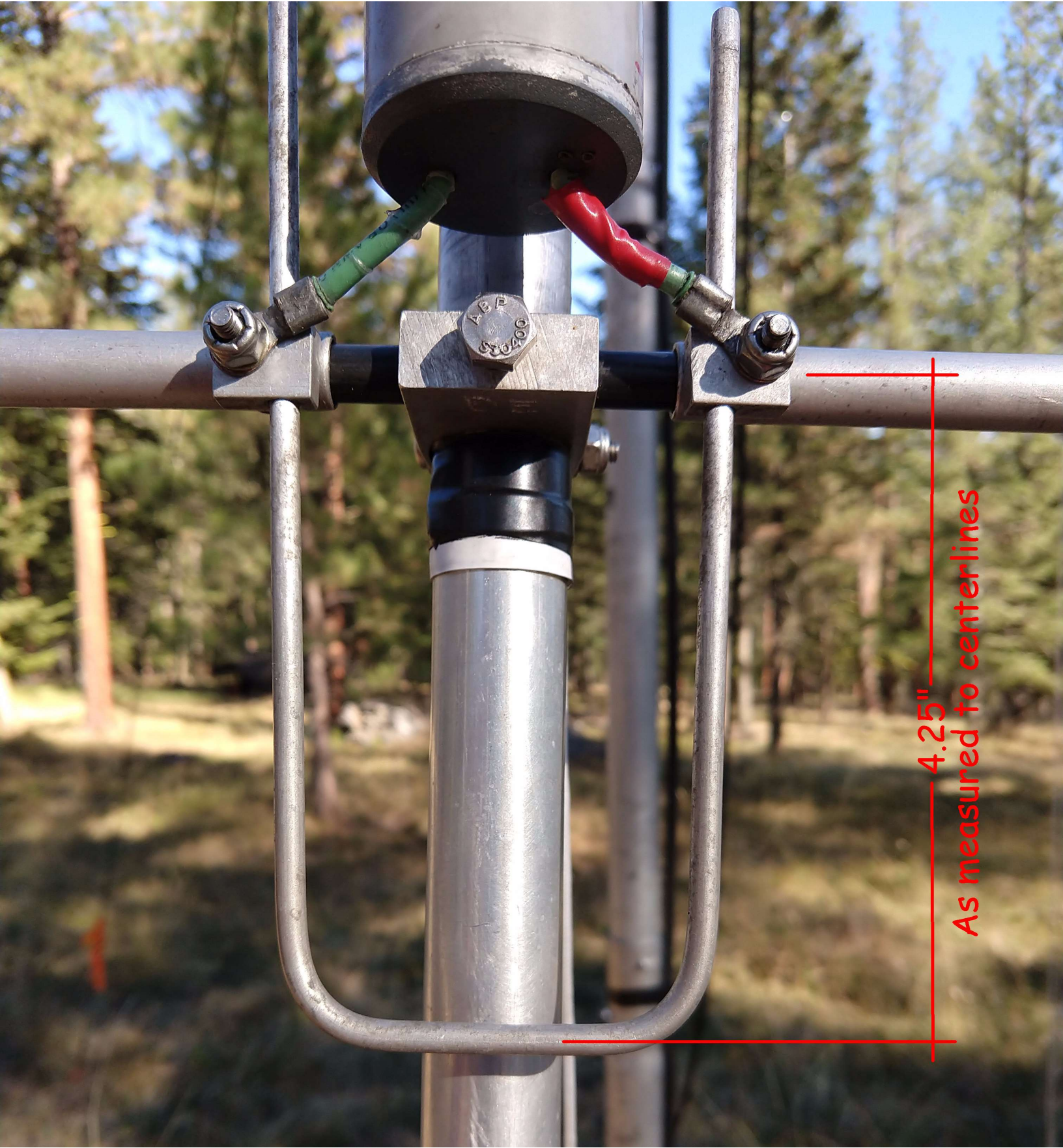
Front Turning Radius = 23.8'



**Please be sure to slip element clamp block before adding the next boom section.

Note: You may choose to color code your element clamps, center sections, tips & compression clamps for installation ease in the future. If you chose to color code your antenna, we recommend you follow the color scheme above. These colors are recommended because they are identifiable in the antenna industry.

40' of coax required to bottom of 24' mast



4.25"
As measured to centerlines

Sweep control

Start: 50 MHz Center: 50.250 MHz

Stop: 50.5 MHz Span: .5 MHz

Segments: 1 5.000 MHz/step

Sweep settings: 100%

Sweep [Start] [Stop]

Markers

Marker 1: 50.200 MHz

Marker 2: 50.290 MHz

Marker 3: 50.300 MHz

Enable Delta Marker reference Locked

Hide data

TDR

Estimated cable length: 142.515m

Time Domain Reflectometry...

Marker 1

Frequency: 50.2000 MHz
 Impedance: 50.6+1582m Ω
 Series L: 1.8442 nH
 Series C: -5.4902 nF
 Parallel R: 50.643 Ω
 Parallel X: 13.9755 μH

VSWR: 1.017
 Return loss: -41.366 dB
 Quality factor: 0.011
 S11 Phase: -42.24°
 S21 Gain: -100.074 dB
 S21 Phase: 70.11°

Marker 2

Frequency: 50.2900 MHz
 Impedance: 54.1+12.99 Ω
 Series L: 9.4635 nH
 Series C: -1.06 nF
 Parallel R: 54.288 Ω
 Parallel X: 3.1149 μH

VSWR: 1.103
 Return loss: -26.218 dB
 Quality factor: 0.035
 S11 Phase: -34.29°
 S21 Gain: -100.229 dB
 S21 Phase: -142.30°

Marker 3

Frequency: 50.3000 MHz
 Impedance: 58.9+15.41 Ω
 Series L: 17.124 nH
 Series C: -58.464 pF
 Parallel R: 59.385 Ω
 Parallel X: 2.0447 μH

VSWR: 1.211
 Return loss: -20.403 dB
 Quality factor: 0.092
 S11 Phase: -28.48°
 S21 Gain: -96.521 dB
 S21 Phase: 16.15°

Delta Marker 2 - Marker 1

Frequency: 50.0900 MHz
 Impedance: 3.3742 53 Ω
 Series L: 7.9955 nH
 Series C: 4.0369 nF
 Parallel R: 3.5528 Ω
 Parallel X: -2.749 pF

VSWR: 0.070
 Return loss: 14.131 dB
 Quality factor: 0.047
 S11 Phase: -82.64°
 S21 Gain: 5.311 dB
 S21 Phase: 87.50°

S11

Min VSWR: 1.002 @ 50.1900MHz
 Return loss: -58.215 dB

S21

Min gain: -132.608 dB @ 50.0050MHz
 Max gain: -87.705 dB @ 50.4450MHz

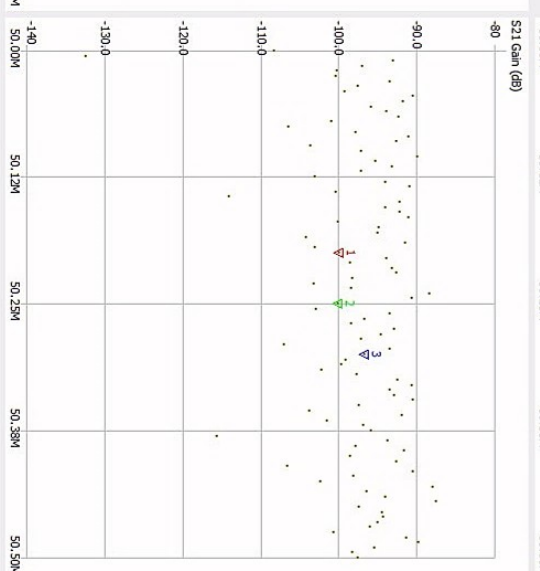
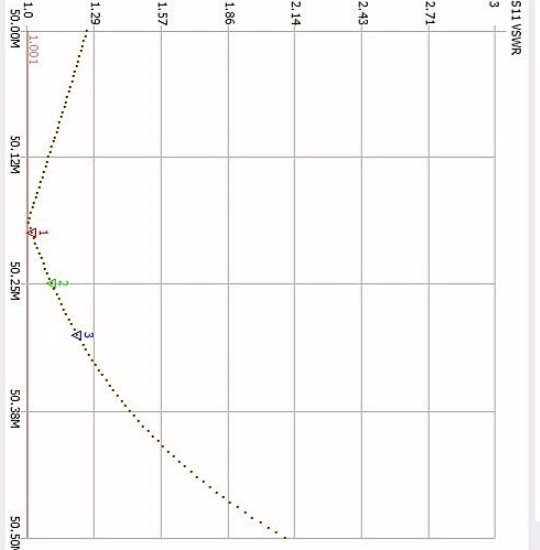
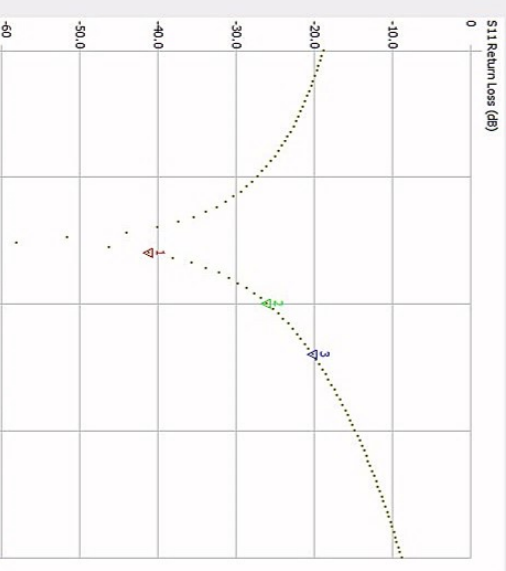
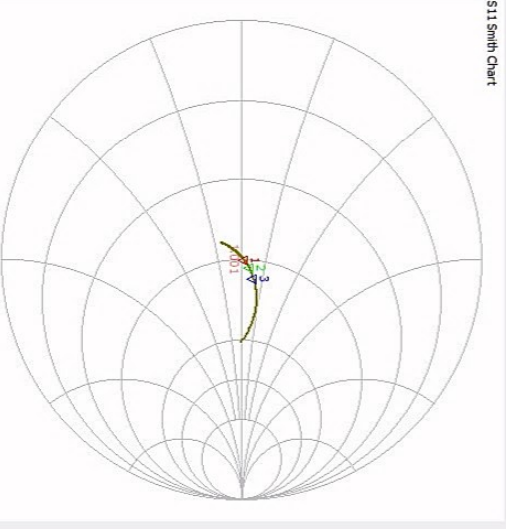
Reference sweep

Set current as reference

Reset reference

Serial port control

Port: COM9 (H4)



Type here to search

Windows taskbar icons: File Explorer, Edge, Task View, Settings, Microsoft Store, Chrome, VLC, NanoVNA Saver.