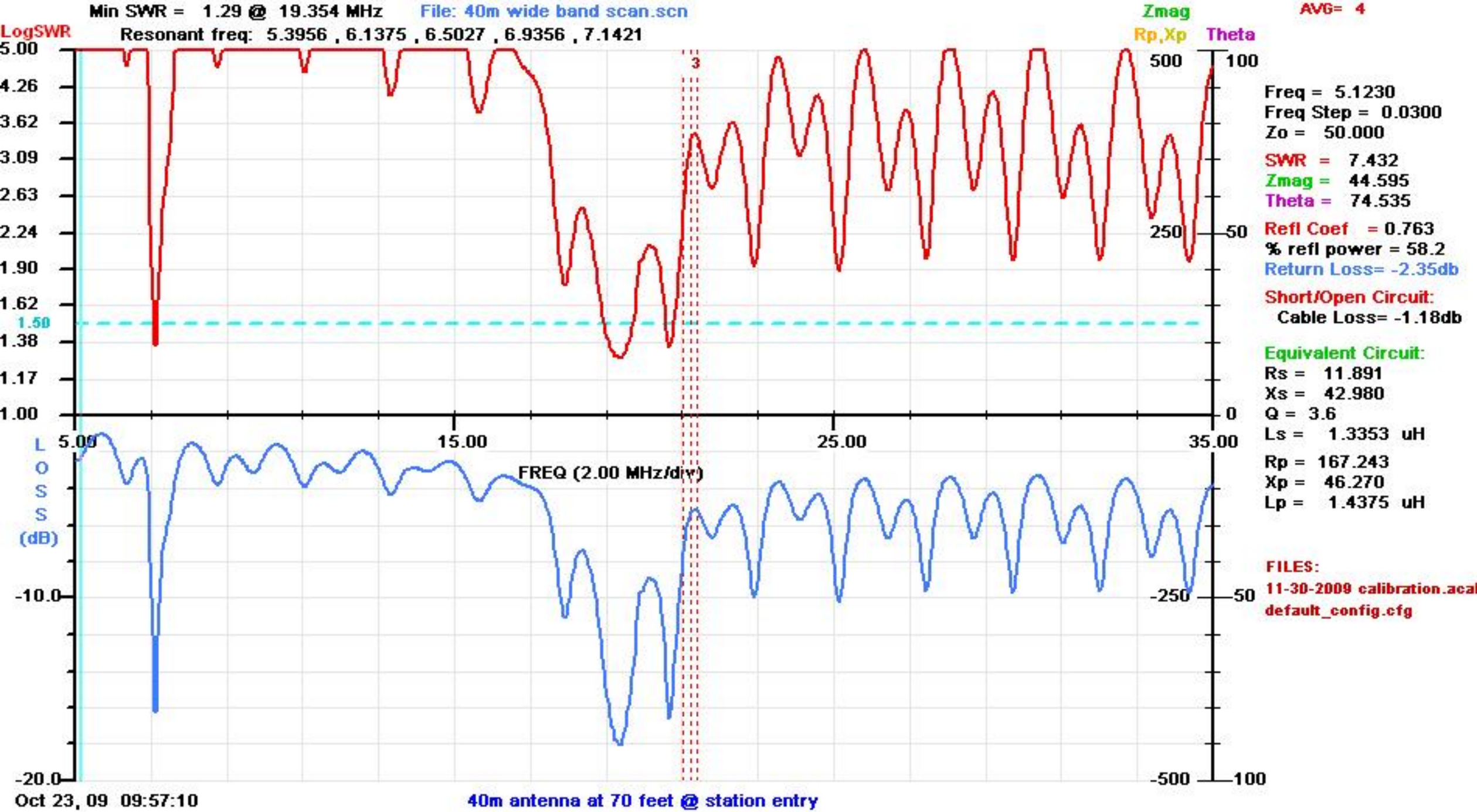
Min SWR = 1.29 @ 19.354 MHz
File: 40m wide band scan.scn
AVG= 4
Resonant freq: 5.3956 , 6.1375 , 6.5027 , 6.9356 , 7.1421
LogSWR
Zmag
Rp,Xp
Theta
5.00
4.26
3.62
3.09
2.63
2.24
1.90
1.62
1.50
1.38
1.17
1.00
500
250
0
-250
-500
100
50
50
100
5.00
15.00
25.00
35.00
FREQ (2.00 MHz/div)
LOSS (dB)
-10.0
-20.0
Freq = 5.1230
Freq Step = 0.0300
Zo = 50.000
SWR = 7.432
Zmag = 44.595
Theta = 74.535
Refl Coef = 0.763
% refl power = 58.2
Return Loss= -2.35db
Short/Open Circuit:
Cable Loss= -1.18db
Equivalent Circuit:
Rs = 11.891
Xs = 42.980
Q = 3.6
Ls = 1.3353 uH
Rp = 167.243
Xp = 46.270
Lp = 1.4375 uH
FILES:
11-30-2009 calibration.acal
default_config.cfg
Oct 23, 09 09:57:10
40m antenna at 70 feet @ station entry