

Collins F450V-60 #3

526 9643 010 7738

Coil Repaired - end of case opened and resealed.

Plotted by KK6IL 2-2-04

5.82 kHz -3 db

7.80 kHz -20 db

6.17 kHz -6 db

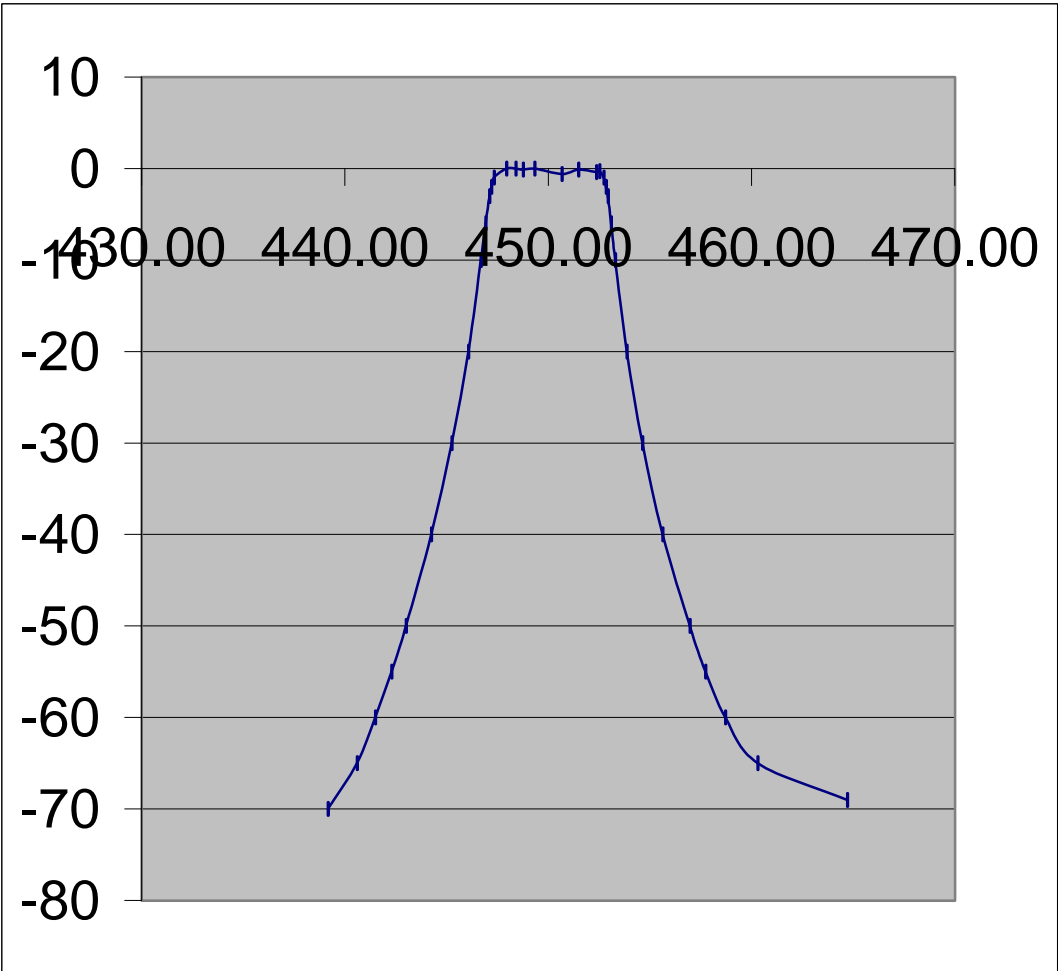
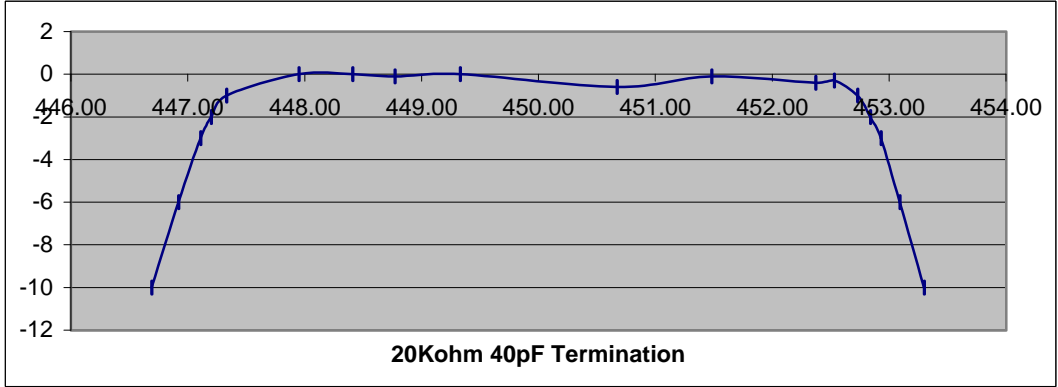
11.38 kHz -40 db

17.22 kHz -60 db

450.54 Center freq

Response with 20Kohm, 40 pF Termination

436.86 -70
 439.16 -70
 440.59 -65
 441.49 -60
 442.29 -55
 443.00 -50
 444.25 -40
 445.26 -30
 446.07 -20
 446.69 -10
 446.92 -6
 447.11 -3
 447.20 -2
 447.33 -1
 447.95 0
 448.41 0
 448.77 -0.1
 449.33 0
 450.67 -0.6
 451.48 -0.1
 452.37 -0.4
 452.53 -0.3
 452.73 -1
 452.84 -2
 452.93 -3
 453.09 -6
 453.30 -10
 453.87 -20
 454.64 -30
 455.63 -40
 456.96 -50
 457.74 -55
 458.71 -60
 460.30 -65
 464.71 -69



Response with 20 Kohm 140 pF termination

20 db insertion loss relative to 40 pF IL

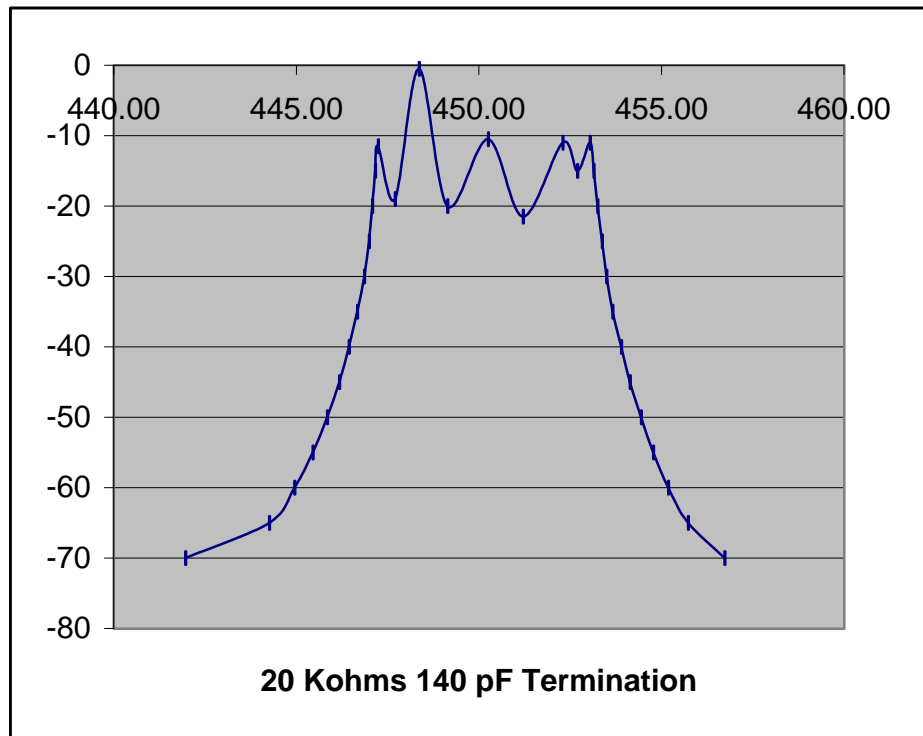
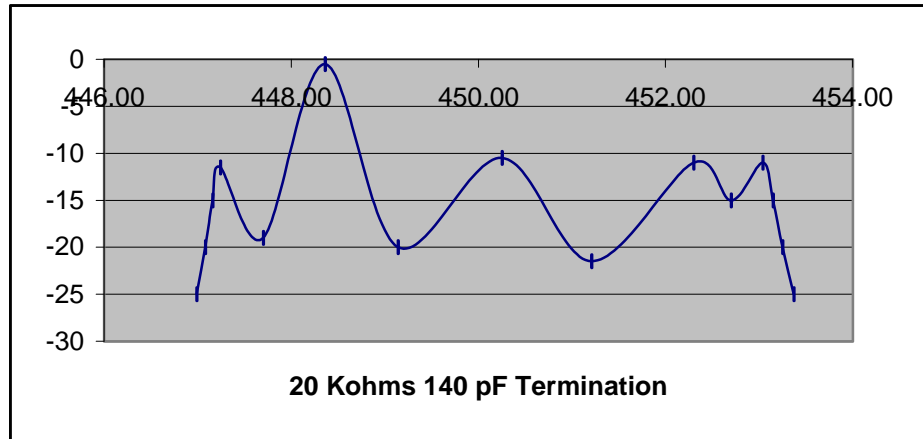
441.96 -70

6.17 kHz -20 db

7.46 kHz -40 db

444.26 -65
 444.95 -60
 445.45 -55
 445.85 -50
 446.18 -45
 446.44 -40
 446.67 -35
 446.86 -30
 446.99 -25
 447.08 -20
 447.16 -15
 447.24 -11.5
 447.70 -19
 448.36 -0.5
 449.14 -20
 450.25 -10.5
 451.21 -21.5
 452.30 -11
 452.70 -15
 453.04 -11
 453.15 -15
 453.25 -20
 453.37 -25
 453.50 -30
 453.66 -35
 453.90 -40
 454.14 -45
 454.44 -50
 454.78 -55
 455.19 -60
 455.73 -65
 456.73 -70

10.24 kHz -60 db



Response with 20 Kohm 240 pF termination

25.5 db insertion loss relative to 40 pF IL

6.38 kHz -20 db
 7.82 kHz -40 db
 11.03 kHz -60 db

441.53 -68
 443.84 -65
 444.53 -60
 445.04 -55

445.47
445.83
446.14
446.40
446.60
446.77
446.89
447.00
447.07
447.12
447.18
447.57
448.17
449.11
450.08
451.13
452.14
452.64
452.98
453.11
453.16
453.27
453.39
453.53
453.72
453.96
454.32
454.67
455.07
455.56
456.76
460.96

