



**Downloaded by
RadioAmateur.EU**

AM/FM RF & IF Sensitivity:
L6, L7, L8, L10, L11
L12, L3, L4

SSB/CW IF Sensitivity:
L13, L14

FM Detector:
L5
IC2 Pin7

SSB Carrier Balance:
VR7

Carrier Oscillator Offset
AM: L26
Carrier Oscillator Offset
USB: L27
LSB: L28

See The Following Sections
For Ajustment Info

- PLL Alignment
- Receiver Alignment
- Transmitter Alignment

10.240 MHz
PLL Reference
Check IC5 Pin 4

PLL Offset Oscillator
AM: L19 LSB: L21
USB: L20

VCO BUFFER:
Adjust

VCO:
Adjust

FM Deviation:
VR5

TX Frequency:
VR21

AM/FM Squelch Range:
VR3, VR4

SSB Squelch Range:
VR1, VR2

AM / FM
High Power

AM / FM
Low Power

SSB ALC

AM
Modulation

Final Bias
TR43

Final Bias
TR56

Driver Bias
TR44

TX RF Amp
Chain:

AM/FM S-METER:
VR1, VR2

SSB/CW S-METER:
VR1, VR2

NOISE BLANKER:
VR1, VR2

RF Meter
VR8

VR12

VR14

VR16

VR13

L42, L40

L7

L1

L8

L43

L10

L2

L44

L11

L12

L18

L17

R116

L50

VR5

IC3

VR7

R151

R102

IC5

L22

L28

L27

L20

L19

L26

VR21

VR3

VR4

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9

TP3

TP1

TP2

TP6

TP2

TP3

TP1

TP8

TP7

TP9