

2-4. RECEIVER FAULT ISOLATION CHART

	Injection point	Frequency	Signal injection level	Audio output	If good go to next step. If not check suggestions below.
1	V15 pin 7	1000 Hz	14 vpp 1:1 probe	½ wt.	Problem most likely V15 or associated circuitry. See section 4-2 for details.
2	V9B pin 2	1000 Hz	0.6 vpp 1:1 probe	½ wt.	Problem is most likely V9B or associated circuitry. See section 4-3 for details.
3	V9A Pin 7	1650 KHz	5000 uv	½ wt.	Problem is most likely V9A or associated circuitry. See section 4-4 for details.
4 *	V7A Pin 2	1650 KHz	425 uv	½ wt.	Problem is most likely V7A or associated circuitry. See section 4-5 for details.
5	Tie point C54/C59	1650 KHz	5000 uv 1:1 probe	½ wt.	Problem is most likely xtal filter or notch filter. See section 4-6 for details.
6	V6 pin 1	1650 KHz	35 uv	½ wt.	Problem is most likely V6 or associated circuitry. See section 4-7 for details.
7	V4A Pin 2	6.250 MHz	100 uv	½ wt.	Problem is most likely V4A or associated circuitry. See section 4-8 for details.
8 @	V3A Pin 2	6.250 MHz	15 uv	½ wt.	Problem is most likely V3 A or B or associated circuitry. See section 4-9 for details.
9 #	V2A Pin 9	7.250 MHz	8 uv	½ wt.	Problem is most likely V2A or associated circuitry. See section 4-10 for details.
10 ~	Junction C15&C20	7.250 MHz	6 uv	½ wt.	Problem is most likely 6.5 MHz traps, S1F, V18 grid or associated circuitry.
11	V1 pin 1	7.250 MHz	0.5 uv	½ wt.	Problem is most likely V1 or associated circuitry. See section 4-11 for details.
12 \$	Tie point S1D wiper and 6.25 trap	7.250 MHz	0.5 uv	½ wt.	Problem is most likely S1D, S1C, or associated circuitry.
13 **	J1 direct from sig. generator	7.250 MHz	0.5 uv	½ wt.	Problem is most likely K1, 6.25 MHz trap, L17 or associated circuitry. Upon successful completion to this point leave all equipment set as they are for AGC test in next section.

* May require peaking of T3

may require peaking of T1

\$ May require peaking of L3 and PRESELECTOR

** If the RX is working at this point perform the 6meg trap alignment. See section 8-1

@ May require peaking of T2

~ May require peaking of L10 and PRESELECTOR