

VIKING 48-74, 48-84, 49-84R

Note
 All voltages measured to chassis with 20000 ohm per volt meter. Band selector switch shown in Phono position (extreme counter-clockwise position). Numerical indicators water back from front chassis skirt and letter designates front or rear of indicated water.



No	Condensers	No	Condensers	No	Resistors	No	Resistors	Date	Change	Sym
C-1	ANT SECTION GANGED CONDENSER	C-32	.01mfd. 600V TUBULAR	R-17	10,000 ohm ± 10% 2W					
C-2	RF SECTION "	C-33	.01mfd. 600V "	R-18	270,000 ohm ± 10% 1/2W					
C-3	OSC SECTION "	C-34	.002mfd. 600V "	R-19	330,000 ohm ± 20% 1/4W					
C-4	B/C ANT TRIMMER (ON GANG)	C-35	.01mfd. 600V "	R-20	150,000 ohm ± 10% 1/4W					
C-5	B/C R.F. "	C-36	.01mfd. 600V "	R-21	2200 ohm ± 20% 1/4W					
C-6	A.C. OSC "	C-37	.001mfd. 600V "	R-22	150,000 ohm ± 10% 1/4W					
C-7	270mmfd CERAMIC ±1% 500V	C-38	.01 mfd 600V "	R-23	240 ohm ± 5% 2W					
C-8	270mmfd " ±1% 500V	C-39	40 mfd 450V } DUAL ELECTROLYTIC	R-24	220,000 ohm ± 20% 1/4W					
C-9	230mmfd " ±1% 500V	C-40	20 mfd 450V }	R-25	220,000 ohm ± 20% 1/4W					
C-10	10 mmfd " ±1% 500V	C-41	.01mfd. 400V TUBULAR	R-26	1 megohm ± 20% 1/2W					
C-11	4.40mmfd SW ANT TRIMMER	C-42	.01mfd. 400V "	R-27	1 megohm ± 20% 1/4W					
C-12	4.40mmfd SW "	C-43	400mmfd ± 20% 400V MICA	R-28	270,000 ohm ± 10% 1/4W					
C-13	4.40mmfd SW R.F. "			R-29	56 ohm ± 10% 1/4W CARBON					
C-14	4.40mmfd SW R.F. "			R-30	56 ohm ± 10% 1/4W					
C-15	4.40mmfd SW OSC "			R-31						
C-16	4.40mmfd SW OSC "									
C-17	10.225mmfd BC PADDER									
C-18	230mmfd CERAMIC ±1% 500V									
C-19	10 mmfd ±10% 500V MICA									
C-20	.05 mfd. 400V TUBULAR									
C-21	.05 mfd. 600V "									
C-22	50 mmfd ± 20% 500V MICA									
C-23	.05 mfd. 600V TUBULAR									
C-24	.01 mfd. 400V "									
C-25	60.220mmfd DUAL I.F. TRIMMER									
C-26	.05 mfd. 600V TUBULAR									
C-27	.05 mfd. 400V "									
C-28	260 mmfd ± 20% 500V MICA									
C-29	260 mmfd ± 20% 500V "									
C-30	.005 mfd. 600V TUBULAR									
C-31	60.220 mmfd DUAL I.F. TRIMMER									

ALIGNMENT AND CALIBRATION

These receivers are carefully aligned and calibrated at the factory with precision instruments. If realignment is necessary, the following equipment is required:

(1) A signal generator to supply with accuracy the frequencies:

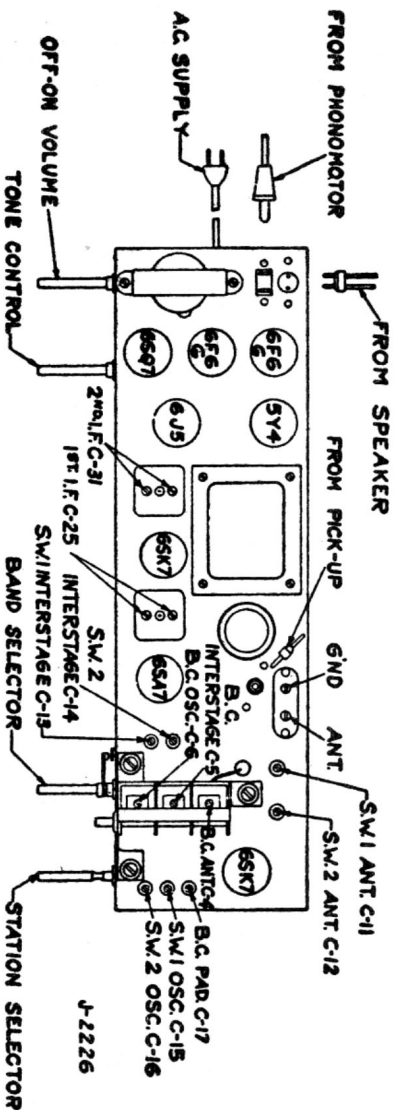
- (a) 455 K.C., (b) 1460 K.C., (c) 600 K.C., (d) 16 M.C., (e) 10.6 M.C., (f) 10.0 M.C., (g) 6.0 M.C.

(2) A dependable Output meter.

Note 1—When aligning oscillator section at high frequencies, care should be taken that the receiver is not adjusted to an image frequency in place of the fundamental. At 16 M.C., fundamental will be obtained at minimum trimmer capacity.

Note 2—When aligning antenna trimmer at high frequencies, rock gang condenser back and forth to obtain maximum peak.

CHASSIS LAYOUT CHART



J-2226

