

R. F. UNIT.

EQUIPMENT USED.

AVO METER MODEL 7.
VALVE VOLTMETER.

CONDITIONS (UNLESS OTHERWISE STATED)

1. A.F. & R.F. GAIN CONTROLS MAX.
2. INPUT SIGNAL ZERO.
3. A.G.C. OFF.
4. BANDWIDTH 3 K C_s .
5. D.C. INPUT VOLTS. PL.20I/G. 250 V.
PL.20I/C. 150 V.

CIRCUIT POINT No.	METER		REMARKS
	RANGE VOLTS	READING VOLTS	
1	400	236	
2	400	178	
3	10	1.7	
4	400	240	
5	400	224	
6	10	3.6	
	100	24.0	R. F. GAIN MINIMUM
7	400	228	
8	400	97	
9	10	1.5	
10	400	146	
11	400	146	
12	10	0.5	CRYSTAL SWITCH IN
13	MEASURED WITH VALVE VOLT-METER	11	FREQUENCY 0.118 M C_s
		8.2	FREQUENCY 0.344 M C_s
		7.2	FREQUENCY 2.91 M C_s
		8.5	FREQUENCY 8.8 M C_s
		5.5	FREQUENCY 21.0 M C_s

I. F. UNIT.

EQUIPMENT USED.

AVO METER MODEL 7.

CONDITIONS (UNLESS OTHERWISE STATED).

1. A.F. & R.F. GAIN CONTROLS MAX.
2. SIGNAL INPUT ZERO.
3. A.G.C. OFF.
4. BANDWIDTH 3 K C_s .
5. D.C. INPUT VOLTS. PL.20I/H. 250V.

CIRCUIT POINT No.	METER		REMARKS
	RANGE VOLTS	READING VOLTS	
14	400	233	
15	400	223	
16	10	5.7	
17	400	233	
18	400	223	
19	10	4.8	
	10	5.2	BAND WIDTH S.W. 8 K C_s
	10	4.6	BANDWIDTH S.W. 1 K C_s
20	400	230	
21	400	220	
22	10	10.0	
	10	11.5	BANDWIDTH S.W. 8 K C_s
	10	14.0	BANDWIDTH S.W. 1 K C_s
23	100	14.0	
24	400	157	
25	400	177	S.W. 203 TO CAL.
26	10	1.2	
24	400	218	
25	400	111	S.W. 203 TO OFF.
26	10	4.5	
24	400	211	S.W. 203 TO HIGH.
	400	99	

NOTE:-

AVERAGE B.F.O. OUTPUT
10 μ A. THROUGH R228 (WITH GRID 1 V203 EARTHED) VIA .01 μ F. CAPACITOR.

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API00335 RECEIVER H.F. M.F.
CIRCUIT DIAGRAM (SHEET 3).
TYPICAL VOLTAGE READINGS.