12/11/58

McAllister

Temp. Check - 30 Mc. IF

Time	Temp.	Dial	Freq.	Mod.%	Sen.	Notes
0948	75°F	11.0	29,960.7 kc.	80	6 μv.	GR650-P1 Ampl. in "Flat" pos.
0954	65°F	11.0		80	6	
0955	60	11.0		80	6	(Sen. = 1.5 μv. in "1 kc" pos. but readings are very unstable)
0955.5	55	11.0		80	6	
0956.5	50	11.0		80	6	Total freq. shift
0957	45	11.0		80	6	from +75°F to -65°F.
0958	40	11.0		80	6	23.7 kc.
0959	35	11.0		80	6	
1000	30	11.0		80	6	
1001	25	11.0		80	6	
1002	20	11.0		80	6	
1003	15	11.0		80	6	
1004	10	11.0		80	6	
1005	5	11.0		80	6	
1006	0	11.0		80	8	
1008	-10	11.0		80	10	
1011	-20	11.0		80	9	
1014	-30	11.0		80	7.5	
1019.5	-40	11.0		80	8	
1029	-50	10.0	29,960.7	80	8	HP608 reset to xtal. calib. 30.0 = 15.0
1041	-65 (est.)	8.0	29,945.0	80	9	
1050		7.0	29,937.0	80	9	

HP608D

FREQ.	DIAL	
29.0	89.0	(−127 DIV.)
30.0	16.0	
31.0	41.0	(+125 DIV.)

$$\frac{3}{127} = \frac{X}{1{,}000\ \text{KC}}$$

$$127X = 3{,}000$$

$$X = \frac{3{,}000}{127}$$

$$X = 23.6\ \text{KC.}$$

$$127\overline{)3000}\quad 23\ \text{R}\ 46$$

$$127\overline{)1000}$$

$$\frac{.127}{1000} = \frac{\text{X}}{X}$$

$$\begin{array}{r} 127 \\ 7.9 \\ \hline 1143 \\ 889 \\ \hline 1003.3 \end{array}$$