

**AMOUNT OF ERROR IN HERTZ IF ERROR RATE IS:**

<b>FREQUENCY</b>	<b>5 ppm</b>	<b>2 ppm</b>	<b>1 ppm</b>	<b>0.5 ppm</b>	<b>0.2 ppm</b>	<b>0.1 ppm</b>
144,200,000	721.00	288.40	144.20	72.10	28.84	14.42
144,250,000	721.25	288.50	144.25	72.13	28.85	14.43
222,100,000	1110.50	444.20	222.10	111.05	44.42	22.21
432,100,000	2160.50	864.20	432.10	216.05	86.42	43.21
1,296,100,000	6480.50	2592.20	1296.10	648.05	259.22	129.61

Error is for plus or minus from the reference. Total error is twice the amount shown above.

**WHAT THE DIAL CAN READ IF ERROR RATE IS:**

<b>FREQUENCY</b>	<b>5 ppm</b>	<b>2 ppm</b>	<b>1 ppm</b>	<b>0.5 ppm</b>	<b>0.2 ppm</b>	<b>0.1 ppm</b>
<b>MINUS ERROR</b>	144,199,279	144,199,712	144,199,856	144,199,928	144,199,971	144,199,986
<b>NOMINAL</b>	144,200,000	144,200,000	144,200,000	144,200,000	144,200,000	144,200,000
<b>PLUS ERROR</b>	144,200,721	144,200,288	144,200,144	144,200,072	144,200,029	144,200,014
<b>MINUS ERROR</b>	144,249,279	144,249,712	144,249,856	144,249,928	144,249,971	144,249,986
<b>NOMINAL</b>	144,250,000	144,250,000	144,250,000	144,250,000	144,250,000	144,250,000
<b>PLUS ERROR</b>	144,250,721	144,250,289	144,250,144	144,250,072	144,250,029	144,250,014
<b>MINUS ERROR</b>	222,098,890	222,099,556	222,099,778	222,099,889	222,099,956	222,099,978
<b>NOMINAL</b>	222,100,000	222,100,000	222,100,000	222,100,000	222,100,000	222,100,000
<b>PLUS ERROR</b>	222,101,111	222,100,444	222,100,222	222,100,111	222,100,044	222,100,022
<b>MINUS ERROR</b>	432,097,840	432,097,408	432,098,704	432,099,352	432,099,741	432,099,870
<b>NOMINAL</b>	432,100,000	432,100,000	432,100,000	432,100,000	432,100,000	432,100,000
<b>PLUS ERROR</b>	432,102,161	432,100,864	432,100,432	432,100,216	432,100,086	432,100,043
<b>MINUS ERROR</b>	1,296,093,520	1,296,097,408	1,296,098,704	1,296,099,352	1,296,099,741	1,296,099,870
<b>NOMINAL</b>	1,296,100,000	1,296,100,000	1,296,100,000	1,296,100,000	1,296,100,000	1,296,100,000
<b>PLUS ERROR</b>	1,296,106,481	1,296,102,592	1,296,101,296	1,296,100,648	1,296,100,259	1,296,100,130

Dial readings assume that the source being used for reference has a stability rating that is at least 10 time better than the device being measured.