



## Frequency Stability

Frequency stability tests for ATSC 8VSB transmitter AT7250.

The nominal oscillator frequency value for channel 44 is 671,833,916 Hz.

Temperature [°C]	Frequency [Hz]	Offset [Hz]
-5	671,834,041	125
0	671,834,045	129
+20	671,833,930	14
+30	671,833,919	3
+40	671,833,916	0
+50	671,833,912	-4
+60	671,833,910	-6

Line Voltage [V]	Frequency [Hz]	Offset [Hz]
171	671,833,915	-1
208	671,833,915	-1
245	671,833,915	-1