



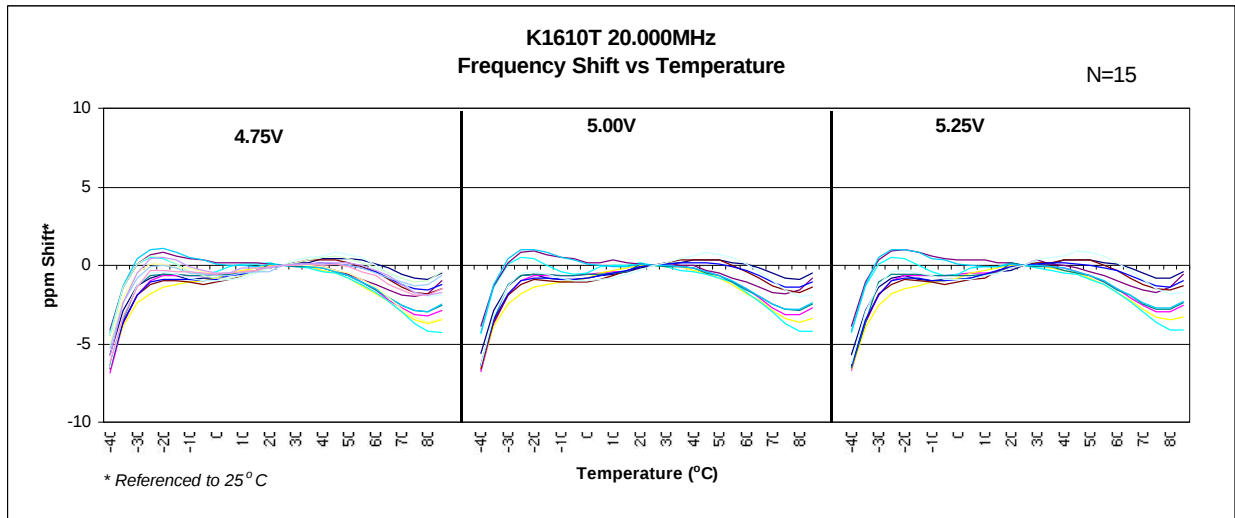
K1610T 20.000MHz

Reliability Audit

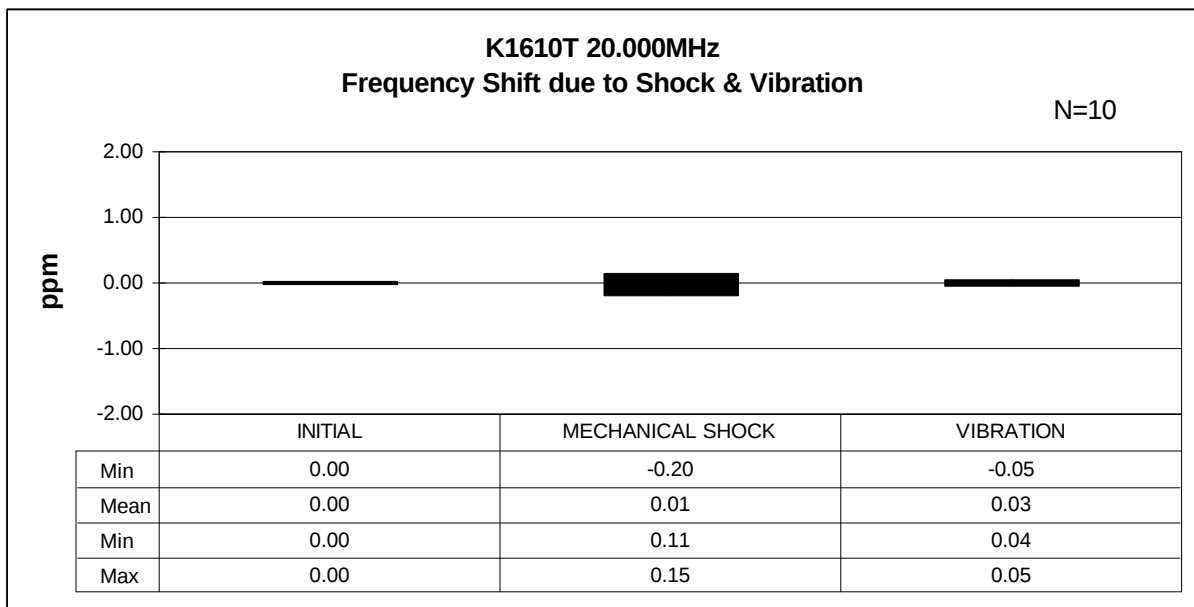
Issued by: Raj Alluri

March 12, 2002

Frequency vs Temperature



Frequency Shift due Mechanical Shock & Vibration



Aging Analysis of K1610T 20.000MHz (Extrapolated from 1000-Hrs of Aging)

	ID#	30-Days	1-Year	5-Years	10-Years	20-Years	25-Years
	1	0.42	0.73	0.92	1.01	1.10	1.12
	2	0.17	0.26	0.32	0.34	0.37	0.38
	3	0.55	1.03	1.34	1.47	1.60	1.64
	4	0.37	0.67	0.86	0.94	1.02	1.05
	5	0.54	1.08	1.42	1.57	1.72	1.77
	6	0.87	1.63	2.12	2.33	2.54	2.61
	7	0.43	0.75	0.96	1.05	1.14	1.17
	8	0.68	1.20	1.53	1.67	1.82	1.86
	9	1.53	2.50	3.12	3.38	3.65	3.74
	10	0.33	0.62	0.81	0.89	0.98	1.00
Mean		0.59	1.05	1.34	1.47	1.59	1.63
Std Dev		0.38	0.63	0.79	0.86	0.93	0.96
Min		0.17	0.26	0.32	0.34	0.37	0.38
Max		1.53	2.50	3.12	3.38	3.65	3.74