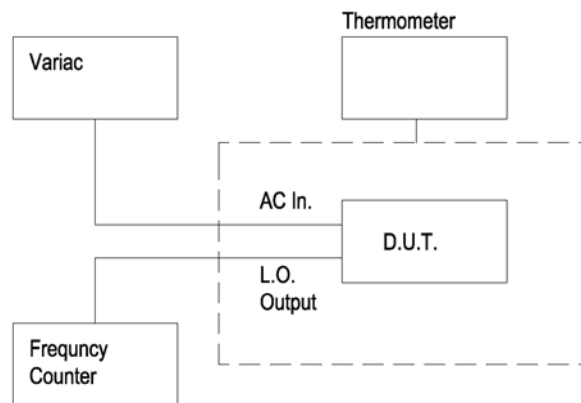


BZ5T5000U
 Application for FCC Certification
 Modulator Input 5000Watt UHF Translator

Frequency Drift versus Temperature.

READINGS						
CALCULATION						
TEMP (DEG C)	VAC=	LOCAL OSC'R FREQ (MHZ)			DEVIATION FROM REF	
		187	220	253	(MHz)	(%)
20 (REF)		583.002471	583.002452	583.002473	0.000021	0.000004
-30		582.997933	582.997915	582.997938	0.004537	0.000778
-20		583.001381	583.001386	583.001379	0.001073	0.000184
-10		583.003137	583.003133	583.003136	0.000685	0.000117
0		583.003471	583.003470	583.003471	0.001019	0.000175
10		583.002912	583.002907	583.002914	0.000462	0.000079
20		583.002349	583.002345	583.002348	0.000107	0.000018
30		583.001084	583.001083	583.001083	0.001369	0.000235
40		582.999936	582.999948	582.999941	0.002516	0.000432
50		582.999235	582.999279	582.999258	0.003217	0.000552
60		582.999036	582.999035	582.999038	0.003417	0.000586

Test Setup Block Diagram



Test Equipment List:

Frequency Counter – Hewlett Packard HP5385A S/N 3242A07335
 Thermostatically Controlled Temperature Chamber – Cincinnati Sub-Zero