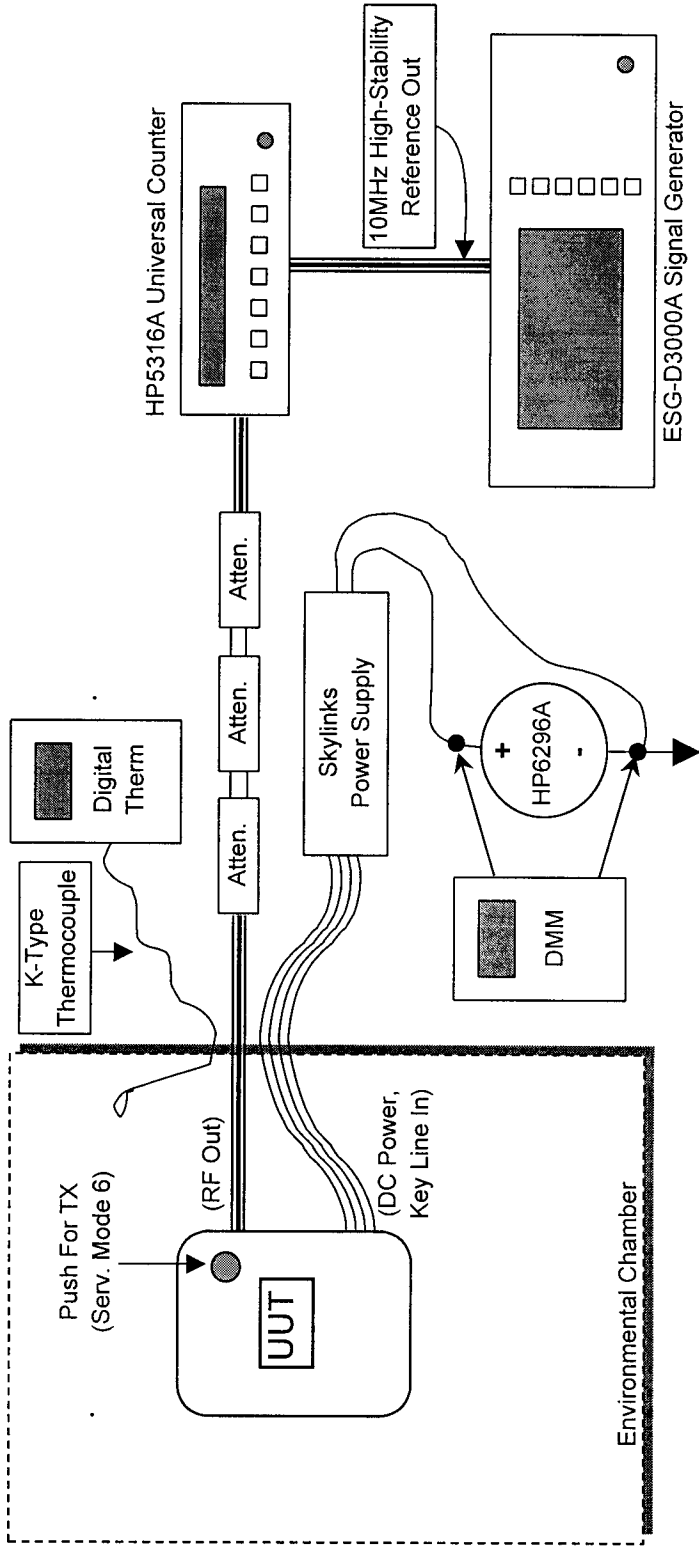


EQUIPMENT AND METHODS

[1] Equipment Listing

Manufacturer	Model	Asset Tag	Cal Sticker Due Date	Function
Hewlett-Packard	5316A Universal Counter	PCT12050	1-2001	Read frequency of TX signal
Hewlett-Packard	6296A DC Power Supply	PCT12041	(Cal Not Req.)	Provide Vin to Skylinks Power Supply
Hewlett-Packard	ESG-D3000A Signal Generator	(ILTech) 01275	10/3/00	Provide High-Stab. Reference to HP5316A
Theratron	S-16 Environmental Chamber	PCA00396	5/21/01	Allow adjustment of temperature to unit
Omega	HH21 Digital Thermometer	(S/N) T-206843	(None)	Monitor chamber temperature
Fluke	79 III Digital Multimeter	(ILTech) 01006	4/26/01	Read output voltage of HP6296A
Pasternack	PE7048-20 10W 20dB Attenuator	N.A.	(None)	Reduce TX signal level for input to counter
Narda	773-10 Attenuator	N.A.	(None)	"
Narda	773-6 Attenuator	N.A.	(None)	"

[2] Block Diagram Of Test



[3] Methodology Notes

The Signal Generator was left on for over 48 Hours prior to testing to warm-up High-Stability Reference (Option 1E5). Counter set to External Reference, Gate Time = 1sec. Last reading at end of 15 second TX burst was recorded. Attenuators (36dB total) used on TX output to allow around 0dBm at counter (below Damage Level).