

# LimitTester

Take the guesswork out of testing beacons! LimitTester works in conjunction with all BT100 and BT100AV series testers. Find out if a beacon passes or fails ... on the fly! Print a test report showing selected measured parameters along with limits, results, and pass/fail indication.

The new LimitTester is available in 2 versions: LimitTester Basic (LTS100) and LimitTester Advanced (LTS200).

## Model Descriptions

LTS100  
LimitTester – Basic

LTS200  
LimitTester – Advanced

## General

LTS100: The perfect add-on module to the Beacon Tester. Purchase the LTS100 activation code and have your beacon measurements compared to a pre-defined set of limits. For each measurement the BT100 will show either a pass screen or a fail screen. The fail screen will show which parameters have failed and by how much.

LTS200: The LTS200 is the advanced version of LimitTester. Using a spreadsheet, the user can create their own upper and lower limits for each parameter, and create numerous LimitTester files with unique testing profiles. Test unique 15 HEX IDs and unique location data. Perfect for manufacturers and users that require selective pass/fail testing profiles at different stages or areas of their facilities. Incorporate into your ATE setup ... a pass flag in the html report allows for on the fly pass verification.



## LimitTester Report

A78D014ED540401

Organization:

Tested By:

Date: 3/1/04 12:13:44 AM

Tester Model/Serial No./File Name: BT100A.64021.Burst-20

Tester Cal Due Date: Aug 17, 2012

Tester Temperature: 25°C

Notes: Add text comments here.

Parameters	Measured Data	Lower Limit	Upper Limit	Pass/Fail
406 Freq (Hz) (INT REF)	406027474	406019575	406045425	Pass
406 Power (dBm)	37.0	34	40	Pass
406 Power Rise (ms)	< 5.5 ms	-	5.5	Pass
406 +Mod (rad)	0.89	0.96	1.24	Fail
406 -Mod (rad)	-1.32	-0.96	-1.24	Fail
406 Mod Rise (us)	165	40	260	Pass
406 Mod Fall (us)	188	40	260	Pass
406 Bit Rate (bps)	400.4	395.8	404.2	Pass
406 Preamble (ms)	160.2	157.6	162.4	Pass
406 Spectrum C1 (dB)	<	-20	3	Pass
406 Spectrum C2 (dB)	<	-30	7	Pass
406 Spectrum C3 (dB)	<	-35	12	Pass
406 Spectrum C4 (dB)	<	-40	24	Pass
406 BCH	Valid	-	-	Pass

### Instruction Manuals

LTS100 Instruction Manual

LTS200 Instruction Manual

### Brochures

LTS100 LimitTester – basic Brochure

LTS200 LimitTester – advanced Brochure