

Gigahertz Transverse Electromagnetic Cell

GTEM Cells

Datasheet



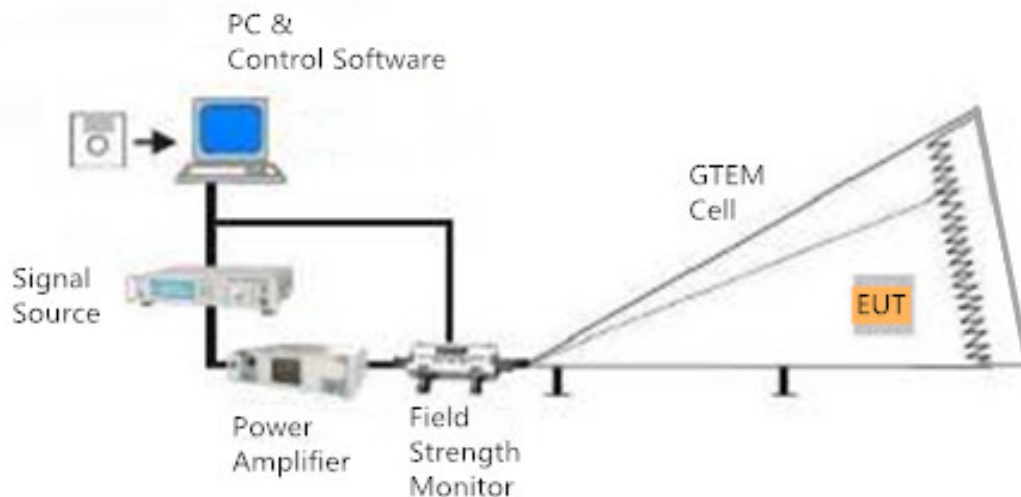
In Compliance with

- > IEC 61000-4-3
- > IEC 61000-4-20
- > GB / T 17626.3

Introduction

The GTEM Cells are designed for immunity tests for small size electrical and electronic devices. A complete system also requires standard signal source, power amplifier, field strength monitor, PC & control software.

Equipment Connection Diagram



GETM Cell Model	GTEM 250	GTEM 500	GTEM 750	GTEM 1000	GTEM 1250
Max Input Power (W)	250 / 500	500 / 1000	600 / 1200	800 / 1600	800 / 1600
No. of EUT Power Sockets	1	2	2	2	2
External Dimension (mm)	1,150 × 640 × 440	3,000 × 1,650 × 1,100	4,000 × 2,200 × 1,470	5,000 × 2,760 × 1,840	6,000 × 3,300 × 2,200
Door Size (W x H in mm)	300 × 230	420 × 400	610 × 610	790 × 790	1,000 × 1,000
Wheels	None	Optional	Standard	Standard	Standard
Max EUT Dimension (mm)	200 × 200 × 150	400 × 400 × 300	600 × 600 × 500	750 × 750 × 700	1,000 × 1,000 × 850
Defined Testing Volume ±3 dB, <1 GHz (mm)	150 × 150 × 100	300 × 300 × 150	450 × 450 × 250	600 × 600 × 300	750 × 750 × 420
Septum Height (mm)	250	500	750	1000	1250
Shield Performance	10 kHz ~ 10 MHz: >50 dB		10 MHz ~ 20 MHz: >100 dB		
Connector	N type				
Impedance	50 Ω				
Frequency Range	0.1 MHz ~ 8 GHz				
Typical SWR (frequency 5 GHz)	1:1.2				
Weight (kg)	80	200	400	650	850



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