

FAST SQUARE WAVE PULSE GENERATOR

TPS-CS115



As per

- > GJB 151A-97 CS115
- > GJB 151B-2013 CS115
- > MIL-STD-461 E/F/G CS115

Summary

TPS-CS115 Fast Square Wave Pulse Generator is specially designed to meet GJB 151A-97 CS115, GJB 151B-2013 CS115 and MIL-STD-461E/F/G CS115. This generator can produce fast square wave pulse, used for all interconnection cables and power cables conduction susceptibility tests of aircrafts, space and surface system. This equipment is applicable for warships and subsystem tests if the purchaser requires.

Features

- > 5.7inch touch screen front panel operation
- > Compliance with GJB 151A-97 CS115、GJB 151B-2013 CS115 and MIL-STD-461 E/F/G CS115
- > Easy operation
- > Ethernet, RJ45 interface, PC remote control, test report printing

Application

- > Military
- > Warships

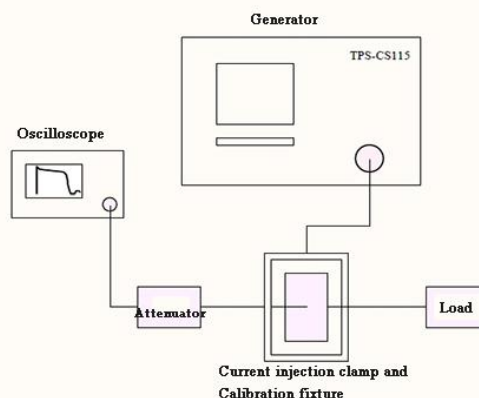
Technical parameters	
Max. test current	$\geq 5A$ (loop impedance 100Ω)
Repetition frequency	1-40HZ
Rise time (10%-90%)	$\leq 2ns$
Fall time (90%-10%)	$\leq 2ns$
Pulse width (90%-90%)	$\geq 30ns$
Output impedance	50Ω
Output interface	N-K

General parameters	
Power supply	AC 110/220V, $\pm 10\%$, 50-60Hz (AC220V for China mainland)
Environment humidity	45%-75%RH (no condensing)
Relative temperature	15-35°C
Size	19inch/4U
Weight	Approx.18.5Kg

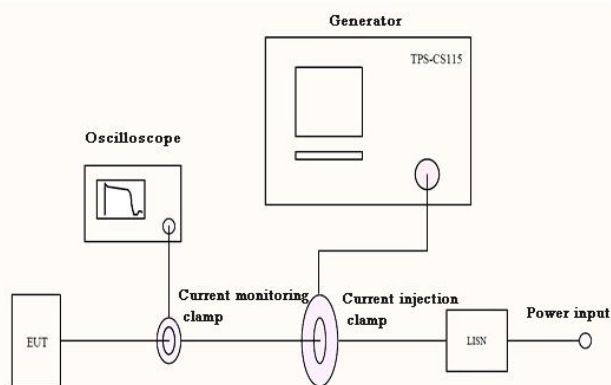
Standard equipped	
Simulator, user manual, inspection report, warranty, test cables, power cords, grounding wire	

Options	
1. Current injection clamp BCIP-200 	Frequency range 10kHz~200MHz, inner diameter $\phi 40mm$
2. Calibration fixture BCICF-400 	Frequency range 10kHz~400MHz
3. Coaxial fixed load TFE5-3 	50Ω 5W DC-3GHz
4. Attenuator TFB 100 	$40 \pm 1dB$ 5W DC-400MHz
5. Broadband current monitoring clamp TWCM-200 	Frequency range 10kHz~200MHz inner diameter $\phi 40mm$
6. LISN J50 	Max. continuous current 50A Impedance $50\mu H + 5\Omega / 50\Omega$
7. LISN J200 	Max. continuous current 200A Impedance $50\mu H + 5\Omega / 50\Omega$

1. Calibration connection diagram:



2. Typical test connection diagram:





SUZHOU 3CTEST ELECTRONIC CO., LTD

Headquarter

Unit 2, Anda Industrial park, Jinshan Rd, SND, Suzhou,
 215011, China
 Tel: +86-512-68413700/3800/3900
 Fax: +86-512-68079795
<http://www.3ctest.cn>
 Email: info@3ctest.cn

BEIJING OFFICE

Room D 206, D block, Keshi Building, No.28, Shangdixinni
 Road, Haidian District, Beijing, China
 Tel: +86-010-82899984/82899948
 Fax: +86-010-82899943

CHENGDU OFFICE

Room 1501, Unit 3, Ideal Centre, No.38 Tianyi Street, SND,
 6100085, Chengdu, China
 Tel: +86-028-85327800
 Fax: +86-028-85311400

SHENZHEN OFFICE

Room 805, Huawen Building, Xili Chaguang Road, Nanshan
 District, Shenzhen, China.
 Tel: +86-755-86626625/86344313
 Fax: +86-755-26966255

Xi'an Office

Add.: Room 2204, Visa Yinghai Building, Green land Central
 Plaza, Jinye Road, Crossig of Zhangbasan Road, High-tech
 district, Xi'an city, China.
 Tel: +86-029-68985077/68985700
 Fax: +86-029-68717677



TAIWAN OFFICE

RICHTEC INSTRUMENTS CO., LTD
 6F-5, No.130, Ln.235, Baoqiao Rd, Xindian District, New
 Taipei City, 23145, Taiwan
 Tel: +886-2-89121185 Fax: +886-2-89121812
 Email: rich.tec@msa.hinet.net
<http://www.richtec.com.tw>



TESTEK Co.,LTD

Address: 601Ho, SungwoonKoa, 141 Hyeonam-ro,
 Suji-Gu, Yongin-Si, Gyeonggi-Do, 448-808
 Tel: 070-4099-2072/H.P : 010-6500-6648
 Email: woo@testek.co.kr
<http://www.testek.co.kr>, www.3ctest.co.kr



Quantel Pte Ltd

Address: 46 Lorong 17 Geylang #05-02
 Enterprise Industrial Building
 Singapore 388568
 Tel: +65 6745 3200
 Email: info@quantel-global.com
<https://www.quantel-global.com>



The EMC Shop
 Address: 7401 Galilee Rd. #160 Roseville, CA 95678
 Tel.: 844.423.7435
 Email: sales@theemcshop.com
<https://www.theemcshop.com>



Russia Agency:
 "CDIP", llc.
 Add.: 121471, Moscow, Ryabinovaya street, house 69,
 building 5, room. 7
 Mr. Sventickiy Andrey
 Tel.: +79856003171 / +7(495) 956-20-22
 Email: info@cdip.ru / andrey.sventickiy@cdip.ru
www.cdip.ru