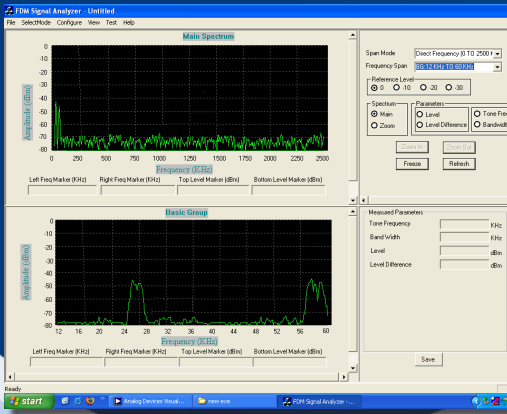


FDM Signal Analyzer

Model No : ICS_FDMSA_PCI



FDMSA

FDM Signal Analyzer receives the analog IF signals and baseband signal at its input, digitizes it and performs Fourier Transform analysis. The FFT values extracted from the input IF signal are transferred to the host PC using PCI interface for display or storage purpose.

System Specifications

Input frequency : a) IF:70 MHz center frequency with 20 MHz BW
b) Baseband :8 MHz (max)

Input level : -60 to 0dBm with 50ohms (IF & Baseband)

Frequency span : a) IF: 20/10/5/2.5/1/0.5 MHz (selectable)
b) Baseband : 12 to 2044 KHz, 12 to 552 KHz
BMG : 812 to 2044KHz
BSG : 60 to 300 KHz, 312 to 552 KHz
BG : 12 to 60 KHz, 60 to 108 KHz

A/D resolution : 14-bit

Frequency Resolution : a) IF- Min10KHz (1 MHz span) &
200 KHz (20 MHz span)
b) Baseband — Full span -100 KHz
SuperMaster group-100 KHz
Mastergroup-100 KHz
Supergroup-10 KHz, Group-1 KHz

Parameters to Measure : Tone Frequency, Band Occupancy, Level,
Level Difference

DSP Processors : Analog Devices TigerSharc (ADSP-TS101)

No. of FFT points : 4096 points

Interface : 32 bit PCI bus

High Temperature : $55^{\circ}\text{C} \pm 3^{\circ}\text{C}$, 16 hrs duration (Operating),
 $70^{\circ}\text{C} \pm 3^{\circ}\text{C}$, 16 hrs duration (Storage)

Low Temperature : $10^{\circ}\text{C} \pm 3^{\circ}\text{C}$, 16 hrs (Operating)



NOTE : The specifications can be changed without notice due to technological advances.



INNOVATION COMMUNICATIONS SYSTEMS LTD

(an ISO 9001-2008 company)

8-3-898/30/2, Road No: 3, Nagarjuna Nagar Colony, Ameerpet, Hyderabad - 500 073, Andhra Pradesh, India

Your IT Partner

Tel: +91- 40 - 23752790, 23730083

Fax: + 91- 40 - 23752788

www.icsglobal.biz

info@icsglobal.biz