

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test(EUT) is the DARI TECH Ltd. Digital Satellite Receiver, Model : FS1010S2.

2.2 General Specification

- Chassis Type : Metal
- List of Each OSC. Or X-Tal. Freq.(≥1MHz) : 27.00 MHz, 11.0592 MHz

I. TUNER

Item	Specification
Inner FEC	Rate: 1/2, 2/3, 3/4, 5/6, 7/8 (DVB Specification)
Outer FEC	Reed Solomon coding RS (204, 188, t=8)
Frequency Range	950 ~ 2150MHz
Input Symbol Rate	2 ~ 45 Ms/s
Connector Type	F Type (IEC 169 - 24 female)
Modulation	QPSK (DVB Specification)

II. MPEG A/V DECODER

Item	Specification
Video Resolution	720 * 480 / 720 * 576
Input Bit Rate	Max. 90 Mbit/s
Video Decoding	MPEG II MP@ML
Audio Decoding	MPEG II Multichannel MPEG I, Layer I, II & III
Audio Mode	Single & Dual Channel

III. SPECIFICATION AUDIO

Item	Specification
Digital Audio	IEC 60958
Operation Mode	Mono, Dual Mono, Stereo
Sampling Frequency	33, 44.1, 48KHz

IV. VIDEO SPECIFICATION

Item	Specification
TV System	NTSC-M
Video Decoding	ISO/IEC 13818-2, MG@ML
Video Resolution	720 pixels x 576 lines x 25 frames per sec.
Aspect Ratio	Wide Screen 16:9, Normal TV 4:3
On-Screen Display	256 colors with full resolution

V. RF MODULATOR

Item	Specification
MECHANICAL Type	CH 3~4 for the modulation
TV Standard	NTSC-M
RF Connector	F Type(IEC169-24fe)
Frequency Range	VHF 54-860MHz

VI. RESOURCES

Item	Specification
Flash Memory	2Mbytes
SDRAM	8Mbytes
MAIN CPU	STi5518
Digital Audio Output	S/PDIF
LNB Power	13/18V (600mA max)

VII. POWER SUPPLY

Item	Specification
Input Voltage	AC 90 to 250V, 50/60Hz
Power Consumption	Max 30W
Type	SMPS