

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test(EUT) is the Digital Multimedia Technology Co., Ltd. Digital Cable Set-top Box Model : DMT1730.

2.2 General Specification

- Chassis Type : Metal
- List of Each OSC. Or X-Tal. Freq.(≥ 1 MHz) : 27MHz
- CATV Tuner input frequency : 50 ~ 860MHz
- CATV Tuner digital input signal level : -20 to +30 dBmV
- CATV Tuner noise figure : > 8 dB
- CATV Tuner LO phase noise at 10KHz : -88dBc/Hz
- QAM Demodulation type : 16, 32, 64, 128, 256 QAM
- QAM Symbol rate : 5.5Msps max
- QAM Channel Bandwidth : 6MHz
- Video out format : CVBS
- Video out impedance : 75 unbalanced
- Video out bandwidth : 5MHz
- Audio out impedance : 1k Ω unbalanced
- Audio out level : 0.6V rms ± 2 dB into 10k Ω
- S-VHS out Video format : Y, C
- S-VHS out impedance : 75 unbalanced
- S-VHS out bandwidth : 5MHz
- Digital audio output type : Spdif encoded signals with ac-3
- Digital audio sampling frequency rate : 32, 44.1 or 48KHz
- RF Modulator output signal : NTSC M
- RF Modulator video carrier frequency : 61.25 ± 90 KHz(US 3 CH), 67.25 ± 90 KHz(US 3 CH)
- Power Supply type : External Adapter(100~240V AC @ 50/60Hz, 3.0A)
- Power Supply input voltage : 100~240V AC @ 50/60Hz, 3.0A
- Power Supply output voltage : 12V DC / 1.0A
- Nominal power consumption : 10W