

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	: >8dB
- 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 Ω unbalanced
- Video out bandwidth	: 5MHz
- Audio out impedance	: 1k Ω unbalanced
- Audio out level	: 0.6V rms $\pm$ 2dB into 10k Ω
- S-VHS out Video format	: Y, C
- S-VHS out impedance	: 75 Ω 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 $\pm$ 90KHz(US 3 CH), 67.25 $\pm$ 90KHz(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