

## 2. PRODUCT INFORMATION

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### 2.1 Equipment Description

The Equipment Under Test(EUT) is the INTEGRA TELECOM Co., Ltd. Digital Satellite Receiver Model : IT365IR.

### 2.2 General Specification

|                                                      |                                                                             |
|------------------------------------------------------|-----------------------------------------------------------------------------|
| - Chassis Type                                       | : Metal                                                                     |
| -List of Each OSC. Or<br>X-Tal. Freq.( $\geq 1$ MHz) | : OSC-27MHz,                                                                |
| - Chipset Brand & Part No.                           | : Hynix / HY57V641620HG, OMEGA / J224F0212,<br>ST / M28W160CT, AMK / 4351VT |
| - RF Modulator Frequency                             | : CH3(61.25MHz), CH4(67.25MHz)                                              |
| - RF Modulator Output Channel                        | : Channel 3 or Channel 4                                                    |
| - LNB Frequency range                                | : 950MHz ~ 2150MHz                                                          |
| - LNB Signal level                                   | : - 65dBm ~ - 25dBm                                                         |
| - LNB Power                                          | : 13.5/18.5Vdc $\pm$ 5%, 0.5Amax, Overload protected                        |
| - LNB Input Impedance                                | : 75 ohm unbalanced                                                         |
| - LNB DiSEqC Control                                 | : Ver 1.2 Compatible                                                        |
| - Demodulator                                        | : QPSK                                                                      |
| - Demodulator Symbol rate                            | : 2Msps ~ 45Msps                                                            |
| - System Main Processor                              | : Sti5518                                                                   |
| - System resource(SDRAM)                             | : 8Mbyte                                                                    |
| - System resource(FLASH)                             | : 2Mbyte                                                                    |
| - System resource(EEPROM)                            | : 16Kbyte                                                                   |
| - MPEG&A/V Decoding Profile level                    | : MPEG 2(Main Profile @ Main Level)                                         |
| - MPEG Transport Stream                              | : MPEG-2 ISO/IEC 13818 Transport Stream Specification                       |
| - Video Decoder video format                         | : NTSC, PAL                                                                 |
| - Video Decoder Resolution                           | : 720 x 576(PAL), 720 x 480(NTSC)                                           |
| - Audio Decoding                                     | : MPEG/MusiCam Layer I & II, MP3, AC3                                       |
| - Power Consumption                                  | : AC 90~240V, 50~60Hz, max 40W                                              |