



AWW36X Video Sender

Preliminary Specification
Jan,2003 P1/2

General :

Operation Frequency Range	2400~2483 MHz
Channel Selection	PLL, Synthesizer, 4CH.
Video-Audio Modulation/Demodulation Type	FM-FM
Antenna Type	Omni-directional Dipole (365/366/369) SMA (F) (367/368/370)
Supply Voltage	DC+9V

Transmitter : (365/367/369/370)

Supply Current	130mA(1mW/10mW) +/-15mA 180mA(100mW) +/-15mA 450mA(500mW) +/-30mA
RF Output Port Return Loss	10dB,min
Output Power	1mW(FCC)/10mW(CE) 100mW(365/367)/500mW(369/370)

Video

Input Impedance	75 , typ.
Input Signal Level	1Vp_p, typ.
Modulation (Sine Wave 450KHz,1Vp_p)	+/- 1MHz

Audio

Input Impedance	10K
Input Frequency Range	50Hz~20KHz
Input Signal Level (modulation Signal:50Hz~15KHz,Sine Wave)	1Vp_p, max. @600 3Vp_p, max. @10K
Subcarrier Frequency	6.0MHz; 6.5MHz (369/370 6.5MHz only)
Subcarrier Frequency Accuracy	+/-50KHz
Subcarrier Power Level (w.r.t Video Carrier)	23dBc,typ.

Ch1:2414MHz, CH2:2432MHz,CH3:2450MHz,CH4:2468MHz

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Receiver:(366/368)

Supply Voltage	DC +9V
Supply Current	210mA typ.
Video output	1Vp-p \pm 0.2V@75 ,Typ
Video S/N	45dB, min
Audio output	1Vp-p \pm 0.2V @600 3Vp-p \pm 0.3V @10K
Audio S/N	50dB, min
Input Signal Level Rang	-30dBm~-85dBm

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All Specification are subject to change without notice.