



## AWV36X/370/380 Video Sender

Preliminary Specification  
Nov, 2007 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 (365/369/366) SMA (F) (367/368/370/380)
Supply Voltage	DC+12V (367); +9V (365/366/368); +6V (369/370/380)

### Transmitter : (365/367/369/370/380)

Supply Current	130mA(1mW/10mW) +/-15mA (365) 180mA(40mW) +/-15mA (367) 550mA(400mW) +/-100mA (369/370) 670mA(1W) +/-50mA (380)
RF Output Port Return Loss	10dB,min
Output Power	1mW(FCC)/10mW(CE) 40mW(367)/400mW(369/370)/1W(380)

### Video

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

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### **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
Subcarrier Frequency Accuracy	+/-50KHz
Subcarrier Power Level (w.r.t Video Carrier)	23dBc,typ.

### **Receiver:(366/368)**

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

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

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