

The channel switch is located at the side of the transmitter and receiver.
Set to receive a specific channel. Both the transmitter and receiver need to have the channel switch set to the same channel. If there is interference on the reception, change both the transmitter and receiver channel setting to a different channel.

EUT with Supply Voltage DC + 5V ($\pm 2\%$) Current 90mA, typ .

There are 4 I/O ports :

1. Antenna Port Impedance 50Ω ,
2. Video Input Impedance 75Ω and Video Input Level 1V P-P, typ.
3. Audio(L/R) Input Level 1V P-P, typ.

EUT ,5.8GHz Audio/Video wireless RF module, contains one Transmitter and one Receiver. Using of the most popular 5.8GHz ISM band and being designed with high reliability, Airwave RF module is compliance with the criteria of FCC and R&TTE which can transmit/receive a wide band audio & video signals in open area.

1.Video-Audio Modulation/Demodulation with FM-FM Type by the carrier about Channel Frequency Ch1: 5740MHz, CH2: 5760MHz,CH3: 5780MHz, CH4: 5800MHz,CH5: 5820MHz, CH6: 5840MHz,CH7: 5860MHz
note:Channel Selection with PLL Synthesizer, 7CH.

Output Power 0dBm ± 1 dBm (FCC)

About Receiver:

Input Signal Level Range -85~ -10dBm

Video

Output Signal Level 1V P-P, typ. (+/-0.2Volt)

Frequency Response +/-5 dB, max. 50Hz~5.5MHz

S/N Ratio (100KHz, 1VP-P Sine Wave) 40dB, min.

Audio

Output Frequency Range 50Hz ~ 20KHz

Output Signal Level (Modulation Signal :50Hz~15KHz Sine Wave) 3VP-P, typ. (+/-0.3Volt)

Audio Frequency Response 50Hz ~ 15kHz (-3dB Bandwidth)

S/N Ratio (50Hz ~ 15KHz) 50dB, typ. (+/-3dB)

RSSI

RSSI Output Voltage(RF Input -10~ -85dBm) 0.2 ~ 1.5V