

	TX SPECIFICATION		

2. Electrical Efficiency

2-1. Power Supply

NAME	ADAPTOR Input AC	ADAPTOR Output DC
WSTXAXF1NMA	AC 220V	DC12V
WSTXAXF1NMB	AC 110V	DC12V

2-2. Transmission Channel

CH1: 2410MHz CH2: 2430MHz
CH3: 2450MHz CH4: 2470MHz

2-3. IF Frequency

479.5MHz

2-4. Nominal Output Impedance

75Ω

2-5. Input Connector

F-CON TYPE

2-6. CH Selection System

Built in PLL

2-7. IF Bandwidth

TYP. 18MHz(-3dB point)

2-8. Test Condition

Supply Voltage: Standard

Temperature : 25±5。

Humidity : 65±10%

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2-9. ELECTRICAL CHARACTERISTICS

TRANSMITTER							
1. POWER SUPPLY							
NO	ITEM		SPECIFICATION			UNIT	TEST CONDITION
			MIN	TYP	MAX		
1	SUPPLY VOLTAGE		4.75	5	5.25	VDc	±5%
2	CURRENT CONSUMTION				220	mA	
2. VIDEO CHARACTERISTICS							
NO	ITEM		SPECIFICATION			UNIT	TEST CONDITION
			MIN	TYP	MAX		
1	INPUT IMPEDANCE			75		Ω	0~ MHz
2	MODULATION DEVIATION			9		MHz	AT 2480MHz
3	AMPLITUDE FREQUENCY REPONCE		-3		+3	dB	0.5~ MHz
4	DIFFERENTIAL PHASE		-8		+8	%	VIDEO CHANGE FROM BLACK TO WHITE
5	DIFFERENTIAL GAIN		-8		+8	%	
6	VIDEO S/N		48			dB	
3. AUDIO CHARACTERISTICS							
NO	ITEM		SPECIFICATION			UNIT	TEST CONDITION
			MIN	TYP	MAX		
1	INPUT IMPEDANCE			600		Ω	0.1~ 3KHz
2	AMPLITUDE FREQUENCY CHARACTERISTICS		-3		+3	dB	0.1~ 3KHz 0dB REF 1KHz
3	MODULATION			50		KHz	1Vp-p(LOAD)
4	S/N		45				
5	DISTORTION				3.0	%	
4.OUTPUT CHARACTERISTICS							
NO	ITEM		SPECIFICATION			UNIT	TEST CONDITION
			MIN	TYP	MAX		
1	VIDEO CARRIER OUTPUT LEVEL		5	10		dBm	
2	AUDIO CARRIER OUTPUT LEVEL			-25		dBm	
3	AUDIO SUBCARRIER FREQUENCY	AUDIO R	6480	6500	6520	KHz	
		AUDIO L	5980	6000	6020		
4	OUTPUT IMPEDANCE			75		Ω	