



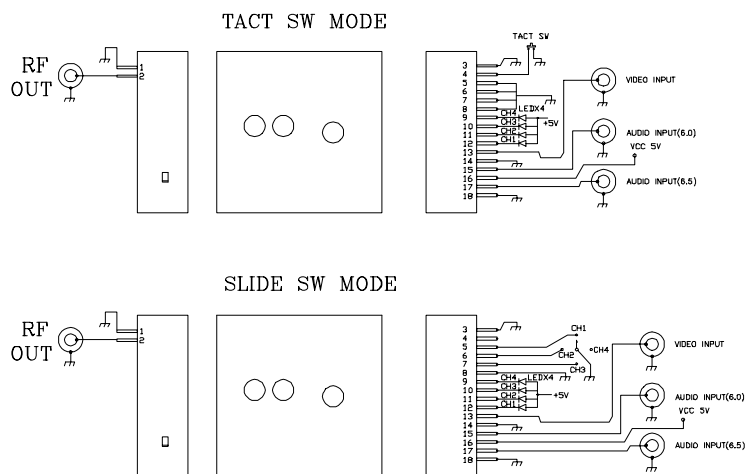
MODULATON				
CONTENTS				
1.GENERAL SPECIFICATION				
2.STANDARD TEST CONDITION				
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NO.	ITEM	SPECIFICATION		
1.	GENERAL SPECIFICATION OUTPUT FREQ RANGE	2400MHz~2483MHz		
2.	STANDARD TEST CONDITION DC JACK	+4.95V~5.05 DC, MIN 80mA		
3.	ELECTRICAL SPECIFICATION	CHANNEL	FREQUENCY	MHz
3-1.	CHANNEL SELECT	CH1	2411	
		CH2	2433	
		CH3	2453	
		CH4	2473	



MODULATOR						
3-2. ELECTRICAL PERFORMANCE						
	PARAMETER	SPECIFICATION			UNIT	REMARK
		MIN	TYP	MAX		
3-2-1.	INPUT IMPEDANCE		1.3		K	MEASURE AT 0.5-5MHz
3-2-2.	INPUT SIGNAL LEVEL		2.5		Vp-p	LOAD OF 82ohm CONNECTED NEGATIVE SYNCHRONOUS
3-2-3.	MODULATION Fp (SINE WAVE 1KHz 2.5Vp-p)	3	4	5	MHz	SUPERIMPOSED SINUSOUS WAVE(3.58MHz)IS 20% OF THE STEP INPUT
3-2-4.	DIFFERENTIAL GAIN	-8		8	%	LEVEL.MEASURE UNDER THE APL OF 10-90% DIFFERENTIAL GAIN OF DEMODULATOR UNIT IS TO BE COMPENSATED.
3-2-5.	DIFFERENTIAL PHASE	-8		8	DEG	-DITTO-
3-2-6	S/N	45			dB	MEASURE MITH RESPECT TO STANDARD DEMODULA- TOR OUTPUT.
3-3. AUDIO SYSTEM CHARACTERISTICS						
3-3-1.	INPUT IMPEDANCE		1.4		Kohm	MEASURE AT 0.1-10KHz
3-3-2.	MODULATION	30	40	50	KHz	1 Vp-p IN
3-3-3.	DISTORTION FACTOR			3	%	AUDIO INPUT SIGNAL: 1.0Vp-p 1KHz MODULA- TION 50%(SINE WAVE) VIDEO INPUT SIGNAL: ALL BLACK(SYNC.ONLY) USE STANDARD DEMODU- LATOR OF INTER-CARRIER SYSTEM. DE-EMPHASIS(50 usec) IS ON.
3-3-4.	S/N	40			dB	

MODULATOR						
3-4. OUTPUT SYSTEM CHARACTERISTICS						
	PARAMETER	SPECIFICATION			UNIT	REMARK
		MIN	TYP	MAX		
3-4-1.	VIDEO OUTPUT LEVEL	6	9	12	dBm	TEST AT 25°C TEMPERATURE AND 65%RH OF HUMIDITY. fp 2400~2483MHz
3-4-2.	AUDIO OUTPUT LEVEL DIFFERENCE(P/S RATIO)	22	27	32	dBc	fs1 6.0MHz fs2 6.5MHz *OUTPUT CHANNEL
3-4-3.	AUDIO CARRIER FREQUENCY	-50	fs	+50	KHz	INPUT SIGNAL : NONE THE MEASUREMENT IS TAKEN AFTER 30 sec. FROM THE POWER-ON.
3-4-4.	OUT-BAND SPURIOUS	45	50		dB	MEASUREMENT DIFFERENCE VIDEO OF CARRIER FREQUENCY OUTPUT LEVEL FOR 2400~2483MHz EXCEPT TO fp. fp+/-fs AGAINST VIDEO CARRIER OUTPUT LEVEL
	IN-BAND SPURIOUS WITHIN BANDWIDTH	50			dB	
3-4-5.	OUTPUT IMPEDANCE		75		ohm	UNBALANCED

### TEST DIAGRAM



How to Switch channels  
The user may switch channles by TACT or SLIDE SWITCH

