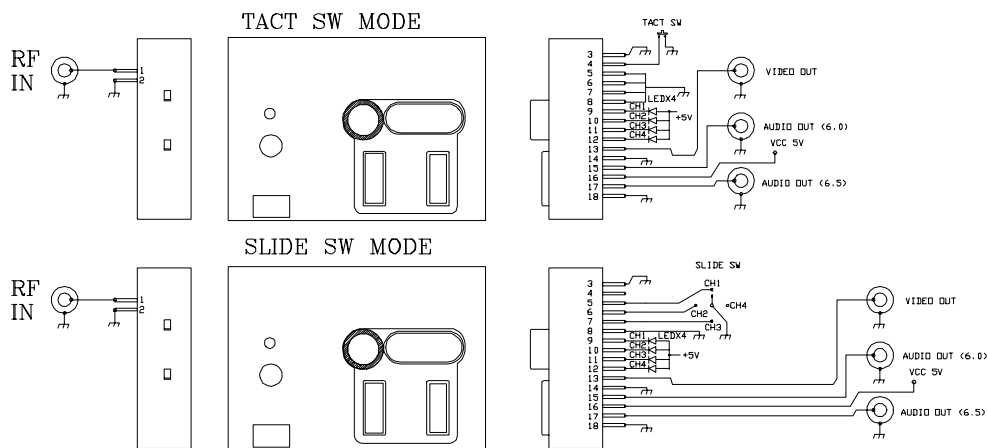




DEMO BOARD						
CONTENTS						
1.GENERAL SPECIFICATION						
2.STANDARD TEST CONDITION						
3.ELECTRICAL SPECIFICATION						
NO.	ITEM	SPECIFICATION				NOTE
1.	GENERAL SPECIFICATION					
1-1.	INPUT FREQUEN RANGE	2400MHz~2483MHz				
1-2.	NOMINAL INPUT IMPEDANCE	75 OHM				
1-3.	IF FREQUENCY	479.5MHz CENTER BAND WIDTH 18MHz				
2.	STANDARD TEST CONDITION	+4.95V~5.05V DC , MIN180mA				
3.	ELECTRICAL SPECIFICATION	CONDITION	MIN.	TYP.	MAX.	
3-1.	SW CHOSE	CH1		2411		MHz
		CH2		2433		
		CH3		2453		
		CH4		2473		
3-2.	VIDEO OUT CHARACTERISTICS	VIDEO WAVEFORM WHITE 100% PAL				
		FREQUENCY DEVIATION 16MHzp-p				
	(1) VIDEO OUTPUT LEVEL	WITHOUT PRE-EMPHASIS				Vp-p
		WHITE TO SYNC.		0.8	1.0	
	(2) GAIN-FREQUENEY RESPONSE	TEST MODUALTION FREQUENCY :60Hz~8MHz				dB
		WITHOUT ENERGY DISPOSAL MODULATION				
	(3) GROUT DELAY RESPONSE	REFERENCE FREQ. 100KHz				nsec
		GROUT DELAY		+/-10	+/-50	
	(4) DG/DP	TEST FREQUENCY :60Hz~8MHz				%
		WITHOUT ENERGY DISPOSAL MODULATION				
POSITIVE VIDEO AMPLIFIER						
(5)SN RATIO	WITH DE-EMPHASIS SHOULD BE APPLIED				dB	
	DG (APL 50%)		5.0	9.0		
	DP (APL 50%)		4.0	6.0		
(5)SN RATIO	INPUT C/N =14 dB (NOISE BW 27MHz)					
	WHITE 100% VIDEO 16MHzp-p PAL					
(5)SN RATIO	WITH AUDIO SUBCARRIER MODULATION					
	3.4MHzp-p DEV. @6.5MHz					
(5)SN RATIO	POSITIVE VIDEO AMPLIFIER					
	WITH DE-EMPHASIS SHOULD BE APPLIED					
(5)SN RATIO	100Hz~5MHz UNWEIGHTED SN					
	FOR:POWER ON RESET INDICATOR					
(5)SN RATIO	SN		34.0	36.0		

NO.	ITEM	SPECIFICATION				NOTES	
		CONDITION	UNIT	MIN.	TYP.		MAX.
3-3.	AUDIO S/N RATIO	A1 (6.5 MHz)	dB	45	55	*1KHz/40KHz Dev *VIDEO MODULATOR OFF	
		A2 (6.0 MHz)	dB	45	55	*RF INPUT LEVEL -60dB P/S RATIO 25dB	
	AUDIO DISTORTION RESPONSE	A1 (6.5MHz)	%		0.6	4	*1KHz/40KHz Dev *VIDEO MODULATOR OFF
		A2 (6.0MHz)	%		0.6	4	*RF INPUT LEVEL -60dBm P/S RATION 25dB
	AUDIO FREQ RES-ONSE	A1 (6.5MHz)	dB	-3		+3	*20Hz~10KHz/30KHz Dev *VIDEO MODULATOR OFF
		A2 (6.0MHz)	dB	-3		+3	*RF INPUT LEVEL -60dBm P/S RTION 25dB
AUDIO OUTPUT LEVEL	A1 (6.5MHz)	V-pp	2		2.8	*1KHz/40KHz Dev	
	A2 (6.0MHz)	V-pp	2		2.8	*RF INPUT LEVEL -60dBm P/S RTION 25dB	
3-4.	CURRENT CONSUMPTION	TERMINAL	MIN.	TYP.	MAX.		
		5.0	140	160	180	mA	
3-5.	ABSOLUTE MAXIMUM VOLTAGE	TERMINAL	MAX. SUPPLY VOLTAGE				
		+5V	DC +5.25V				
3-6.	ELECTRICAL SPECIFICATION	UNDER STANDARD TEST CONDITION TEST CHANNEL :2411 MHz INPUT LEVEL :-45dBm UNLESS OTHERWISE SPECIFICIED.					

TEST DIAGRAM



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

