						-		
		PRODUCT SPECIFIC	CATION	DESIGNED	CHECKED	APPROVED		
		FM TUNER	FM TUNER					
 Applicable product P/No: ATM-350 FM MODULE Appearance Unit shall not have any excessive strain, bruise, uneven plating etc, which decrease its commercial value General Specifications 								
No.	Item		Specification					
1	Frequency Range	KR/USA/Europe/CCIR	CIR 87.5 ~ 108MHz					
		Japan	76 ~ 91 M⊦	Ηz				
2	Receiving System	KR/USA/Europe/CCIR	Upper Supe	Ipper Super Heterodyne System				
		Japan	Lower Supe	ver Super Heterodyne System				
3	IF Frequer	IF Frequency		225KHz				
4	Operating Temperature		-10 ~ +75	~ +75℃				
5	ANT Input Impedance		75Ω Unbala	lanced				
	· · · · · · · · · · · · · · · · · · ·							

4. Test Modulation

No.	Item	MONO	STEREO
1	Modulation Frequency	1KHz, 75KHz/dev	1KHz, 75KHz/dev (PILOT=10%, Fpilot=19KHz)
2	RF Input Level	60dB	

5. DC Specification

Test Condition	Specification			
	MIN	TYP	MAX	UNIT
Off station	2.6	2.8	5.0	V
		11.4	14.4	mA
		MIN	Off station 2.6 2.8	MINTYPMAXOff station2.62.85.0

		PROD	DUCT SPECIFICATION			FM TUNER		
6. Electronic Specification								
No.	ltem		Test Condition	Specification				
					TYP	MAX	UNIT	
1	Usable Sensit (S/N 30dB)	tivity	90.0MHz	-	6	12	dBuV	
	(5/11 300B)		98.0MHz	-	6	12	dBuV	
			106.0MHz	-	6	12	dBuV	
2	S/N Ratio		22.5KHz,DEV	55	60	-	dB	
3	T.H.D		1KHz, 75KHz/DEV	_	0.5	1.5	%	
4	Audio Output Level		1KHz, 22.5KHz/DEV	60	75	90	mV	
5	Image Rejecti	ion	f=76 to 108MHz	24	30	-	dB	
6	Stereo Separation		1KHz,75KHz/DEV	25	30	_	dB	

7. Low and High Temperature Storage Test

After storage at -20° C or $+75^{\circ}$ C for each 96hours recovery in the room, Tuner must meet specification as approved.

8. Humidity

After exposure of 96hours in a chamber of temperature at +40°C and relative humidity 90%, then after 4hours exposure in normal temperature and humidity, tuner must meet specification as approved.

9. Drop Test

A packed unit shall be dropped on the board from 1m in height and this test shall be performed on each plane of the package. After this test, there shall be No Looseness, etc.

10. Temperature Range

Nothing shall be found abnormal in operation a range -10° C $\rightarrow+60^{\circ}$ C.





