

ELECTRICAL TEST REPORT

DATE: 03/17/2008

PART NO. ATM-002-1

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
INSERTION LOSS (@ 1KHZ, 1Vrms,W/H 600 OHM LOAD)					
@ 80 mADC= 1.4 DB MAX.	1.28	1.26	1.26	1.24	
@ 120 mADC = 1.4 DB MAX.	1.25	1.25	1.25	1.24	
FREQ. RESP. (REF. 1KHZ)					
@ 300 HZ 80 mADC= +/- 0.5 DB	-0.29	-0.30	-0.28	-0.28	
@ 4 KHZ, 80 mADC= +/- 0.5 DB	0.13	0.13	0.13	0.13	
@ 300 HZ, 120 mADC = +/- 0.5 DB	-0.35	-0.34	-0.37	-0.33	
@ 4 KHZ, 120 mADC = +/- 0.5 DB	0.11	0.11	0.12	0.12	
RETURN LOSS (W/H 80 mADC) @ 300 HZ = 20 DB MIN.	23.50	25.50	23.00	22.50	
@ 1KHZ = 23 DB MIN.	26.50	26.50	27.00	26.50	
@ 3500 HZ = 21 DB MIN.	23.50	23.50	23.50	23.50	
RETURN LOSS (W/H 120 mADC) @ 300 HZ = 20 DB MIN.	21.00	23.50	21.50	21.00	
@ 1KHZ = 23 DB MIN.	26.50	26.50	26.50	26.50	
@ 3500 HZ = 21 DB MIN.	23.50	23.00	23.00	23.00	
Z (@ 1KHZ, 1Vrms, W/H 600 OHM LOAD)					
@ 80 mADC = 600 OHM +/- 15 %	656.00	658.00	658.00	662.00	
@ 120 mADC = 600 OHM +/- 15%	661.00	660.00	660.00	663.00	
DC. VOLTAGE 1-2(@ 80 mADC)= 9.5V MAX.	8.60	8.70	8.70	8.70	

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1-2 (@ 120 mADC) = 12.50 V MAX.	11.80	11.80	11.80	11.80	
LONGITUDINAL BALANCE @ 300 HZ -- 1KHZ = 70 DB MIN.	98.00	98.00	97.00	98.00	
@ 3.5 HZ= 70 DB MIN.	86.00	86.00	86.00	87.00	
THD (@ 500 HZ, 1Vrms @ 80 mADC= -50 DB MAX.	-56.00	-55.00	-55.00	-54.00	
@ 120 mADC = -50 DB MAX.	-53.00	-52.00	-52.00	-52.00	
HI-POT (@ 3750 VAC, 1mA, 1 MINUTE) LINE-DEVICE	OK	OK	OK	OK	OK
D.C.R. : OHM 3-4 = 72 OHM +/- 10%	70.25	70.36	70.47	70.39	