

TECHNICAL DATA OF T4010A1 (

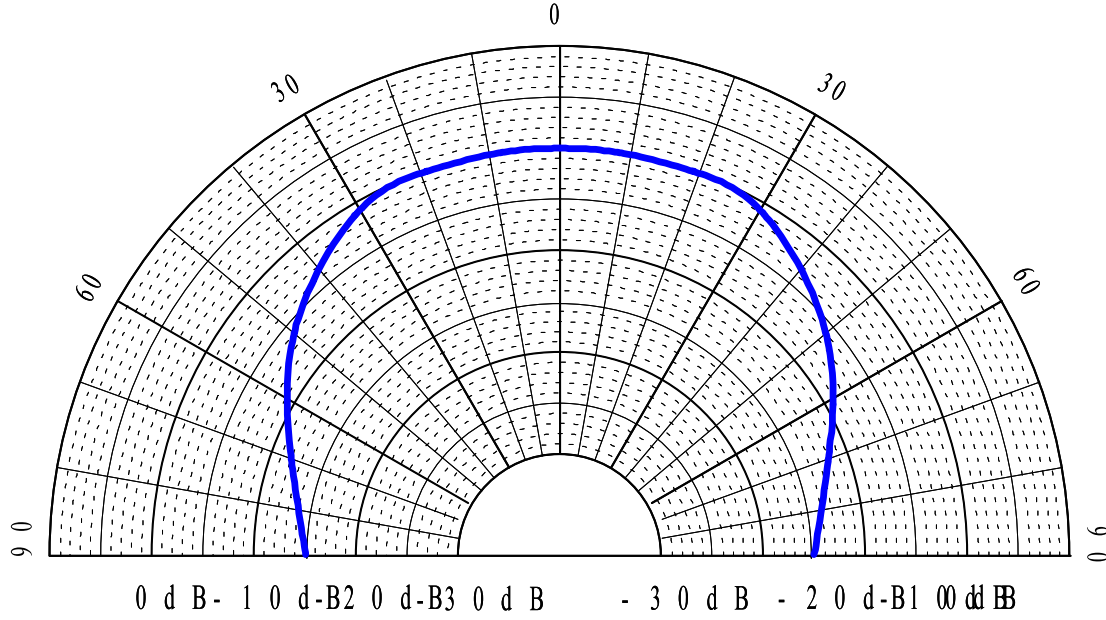
(1) Electrical Characteris

Part Number		T4010A1
		Transmitter
1	S . P . L . at 40 kHz (dB) (min . max .)	(TYP .) 120 . 7 1
2	Resonant Frequency (kHz) (min . max .)	(TYP .) 39 . 9 4
3	Resonant Impedance (Ω) (min . max .)	(TYP .) 560 800
4	Capacitance at 1 kHz (pF) (min . max .)	(TYP .) 2410 29
Samples (pcs)		10

S . P . L . : 0 dB = 0 . 0002 μ bar , Input Voltage 10 V

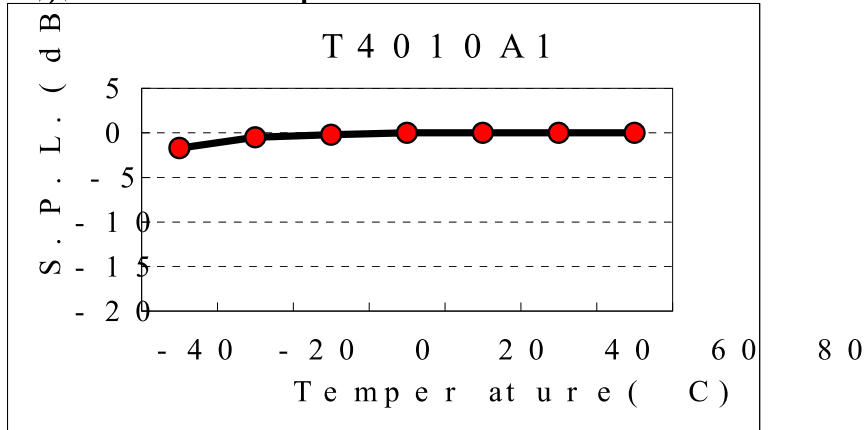
(2) Directivity

- 6 d B Full Angle : 100 °

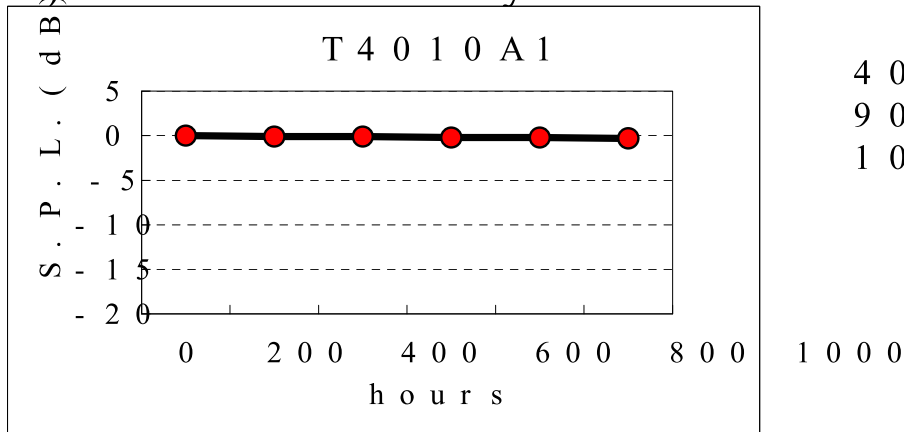


(3) E n v i r o n m e n t a l C h a r a c t e r i s t i c s

(a) T e m p e r a t u r e C h a r a c t e r i s t i c s

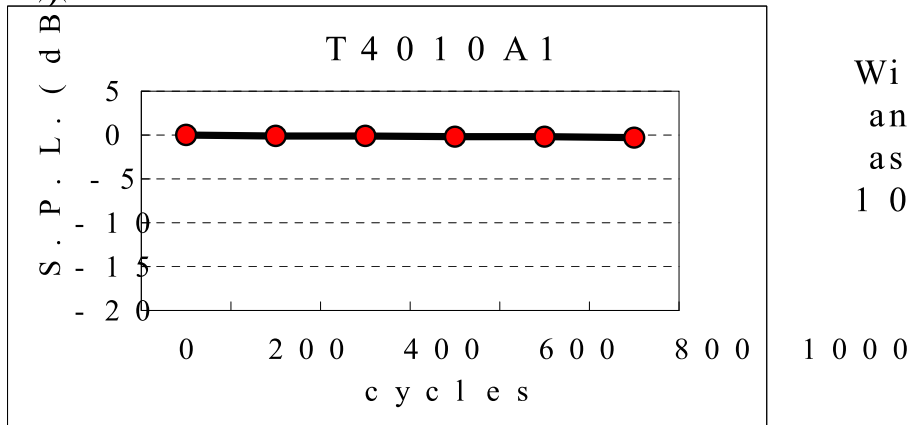


(b) H u m i d i t y R e s i s t a n c e T e s t



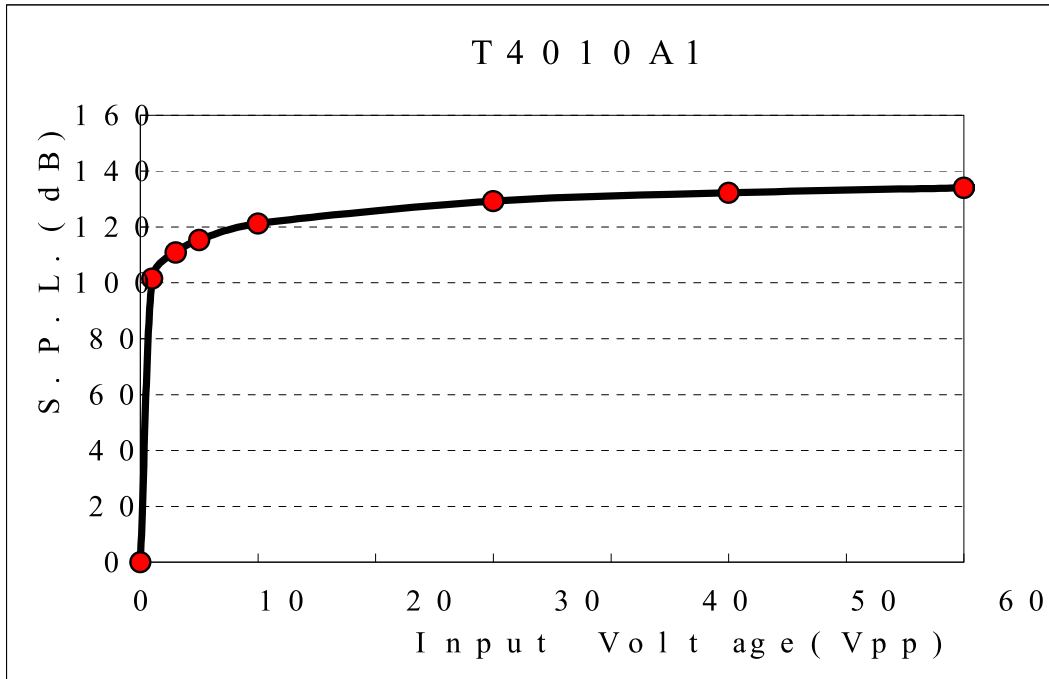
40 ± 2 C
 90 - 95 %RH
 1000 hours

(c) H e a t S h o c k T e s t



With -30 C (1 hr)
 and 85 C (1 hr)
 as one cycle.
 1000 cycles

(4) I n p u t V o l t a g e / S . P . L . C



7 0



40kHz Φ 10 Transmitter

