

TECHNICAL DATA OF T4010A1(PLASTIC CASE)

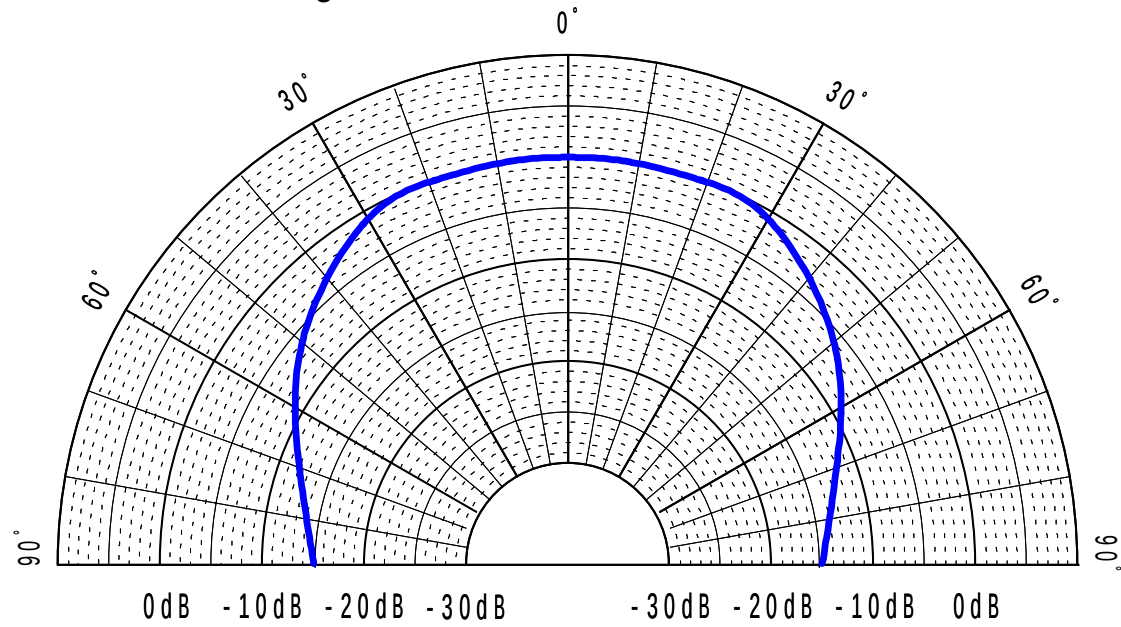
(1) Electrical Characteristics

Part Number		T4010A1 Transmitter
1	S.P.L. at 40kHz (dB) (TYP.) (min. ~ max.)	121.5 120.7 ~ 122.5
2	Resonant Frequency (kHz) (TYP.) (min. ~ max.)	40.0 39.9 ~ 40.1
3	Resonant Impedance (Ω) (TYP.) (min. ~ max.)	690 560 ~ 800
4	Capacitance at 1kHz (pF) (TYP.) (min. ~ max.)	2680 2410 ~ 2950
Samples (pcs)		10

S.P.L.: 0dB=0.0002 μ bar, Input Voltage 10Vrms, Distance 30cm

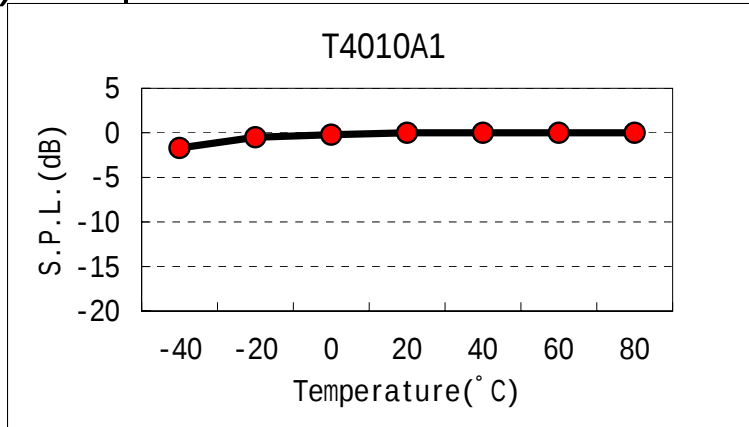
(2) Directivity

-6dB Full Angle : 100°

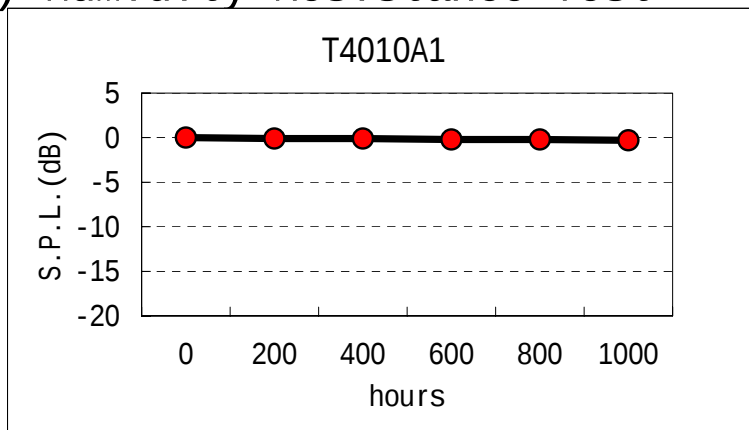


(3) Environmental Characteristics

(a) Temperature Characteristics

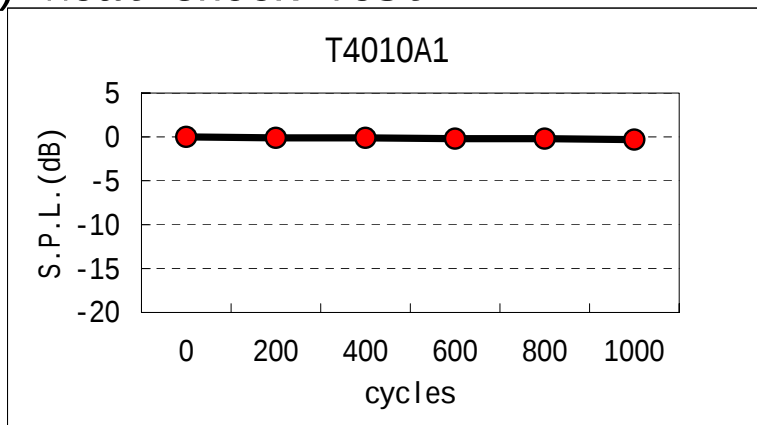


(b) Humidity Resistance Test



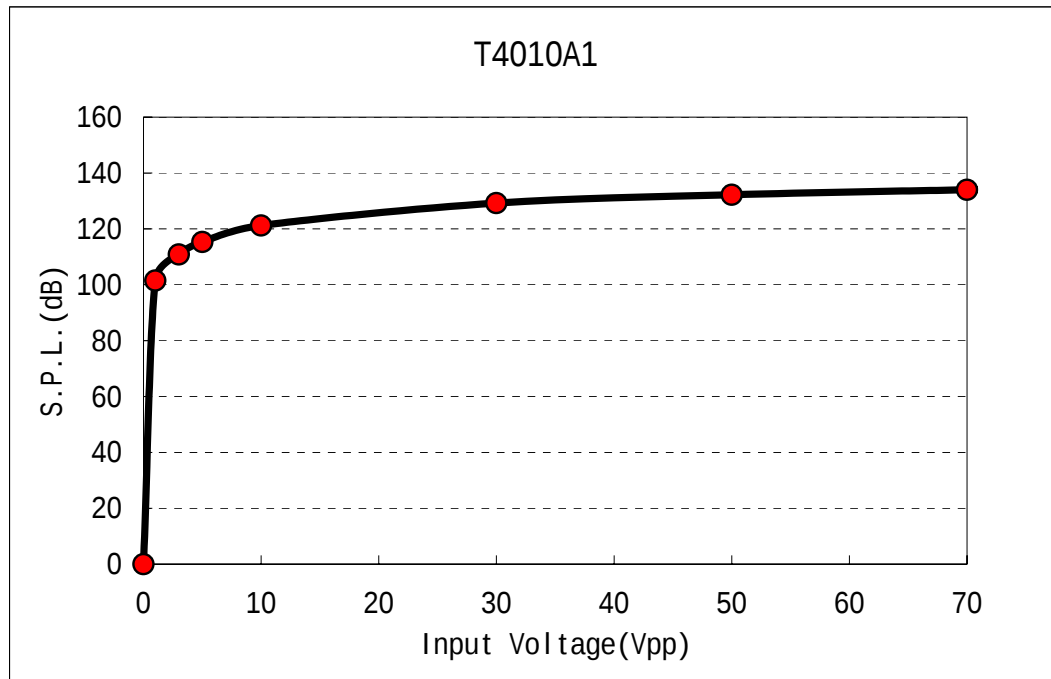
$40 \pm 2^{\circ} \text{C}$
90 ~ 95%RH
1000hours

(c) Heat Shock Test



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

(4) Input Voltage/S.P.L. Characteristics



40kHz Φ 10 Transmitter

