

# TECHNICAL DATA OF T4010A1(PLASTIC CASE)

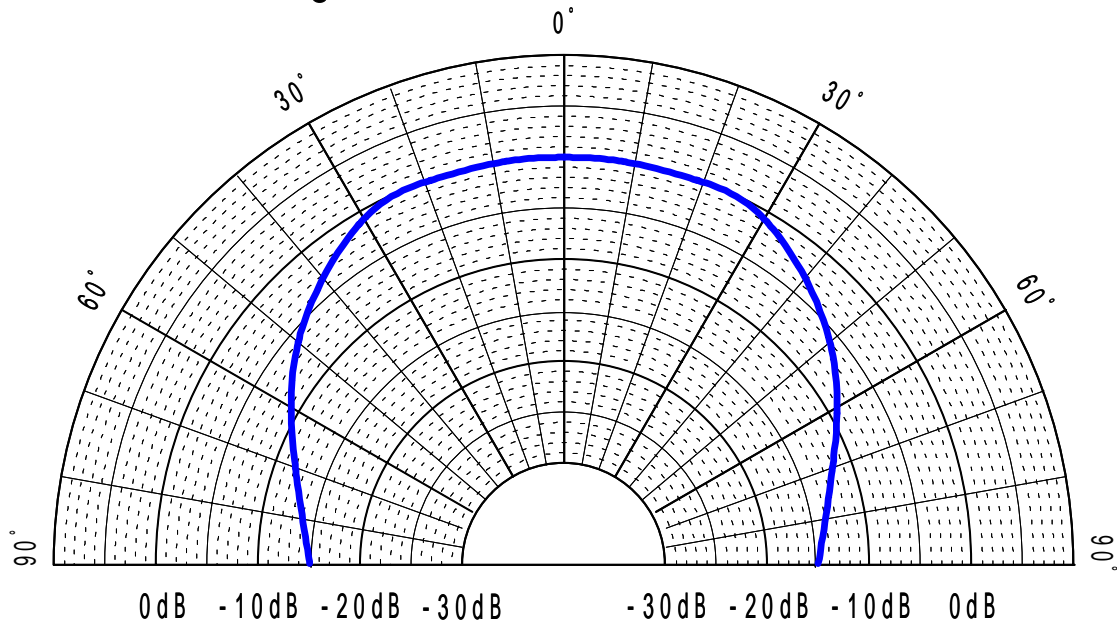
## (1) Electrical Characteristics

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 ( ) (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 μbar, Input Voltage 10Vrms, Distance 30cm

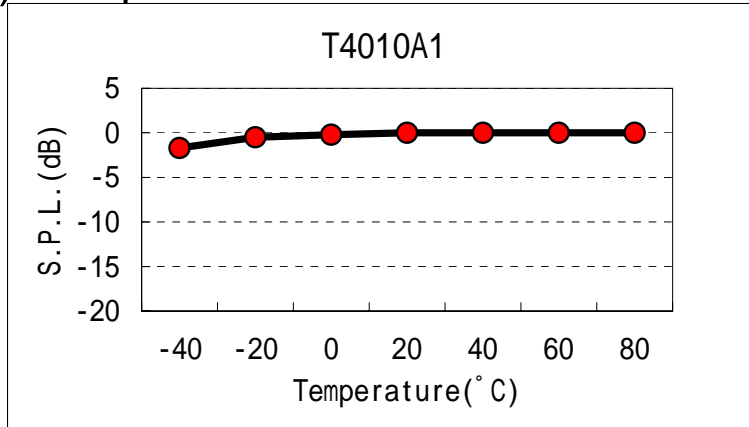
## (2) Directivity

-6dB Full Angle :  $100^\circ$

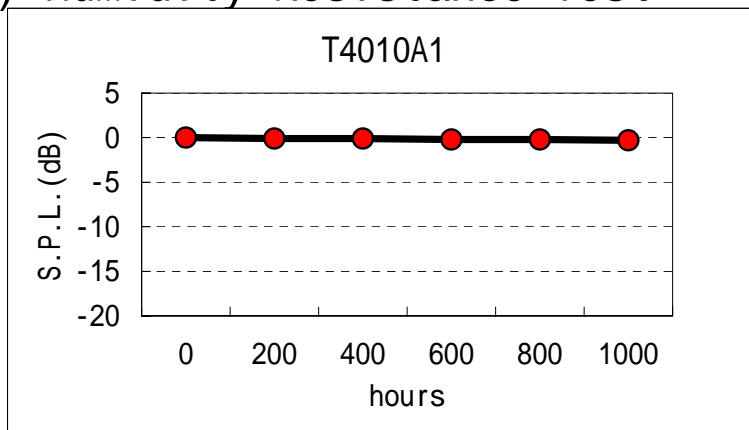


### (3) Environmental Characteristics

#### (a) Temperature Characteristics

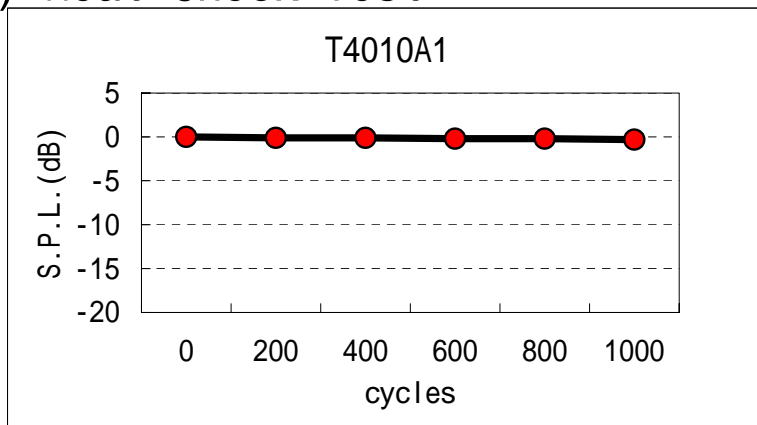


#### (b) Humidity Resistance Test



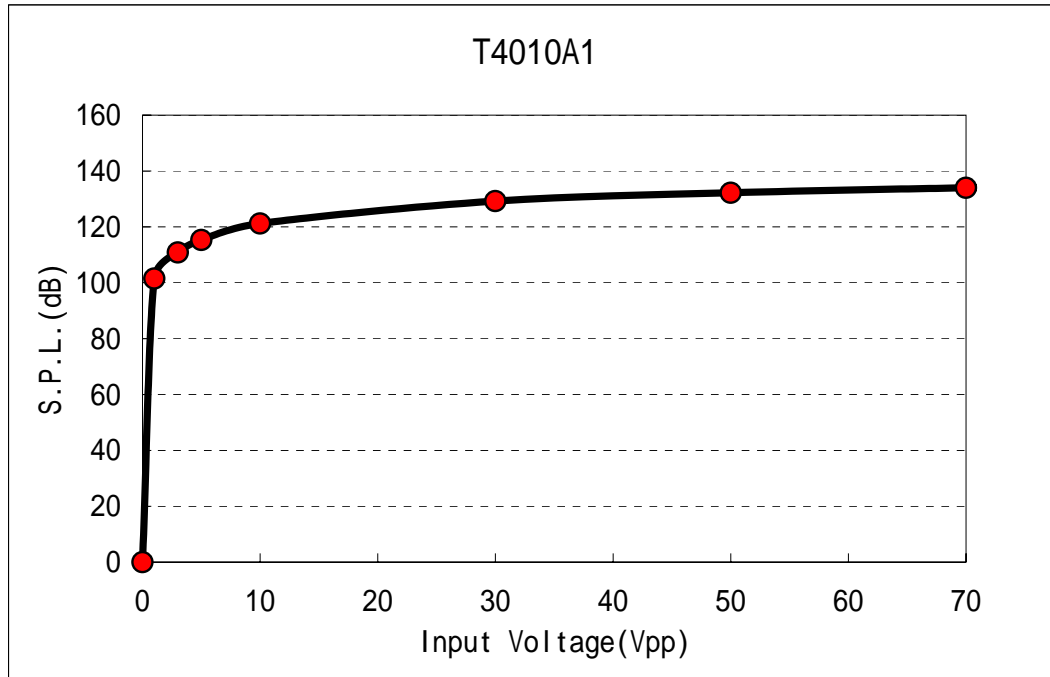
$40 \pm 2^\circ \text{C}$   
 90 ~ 95%RH  
 1000hours

#### (c) Heat Shock Test



With  $-30^\circ \text{C}$  (1hr)  
 and  $85^\circ \text{C}$  (1hr)  
 as one cycle.  
 1000cycles

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



# 40kHz 10 Transmitter

