

# TECHNICAL DATA OF T4016A2 (PLASTIC CASE)

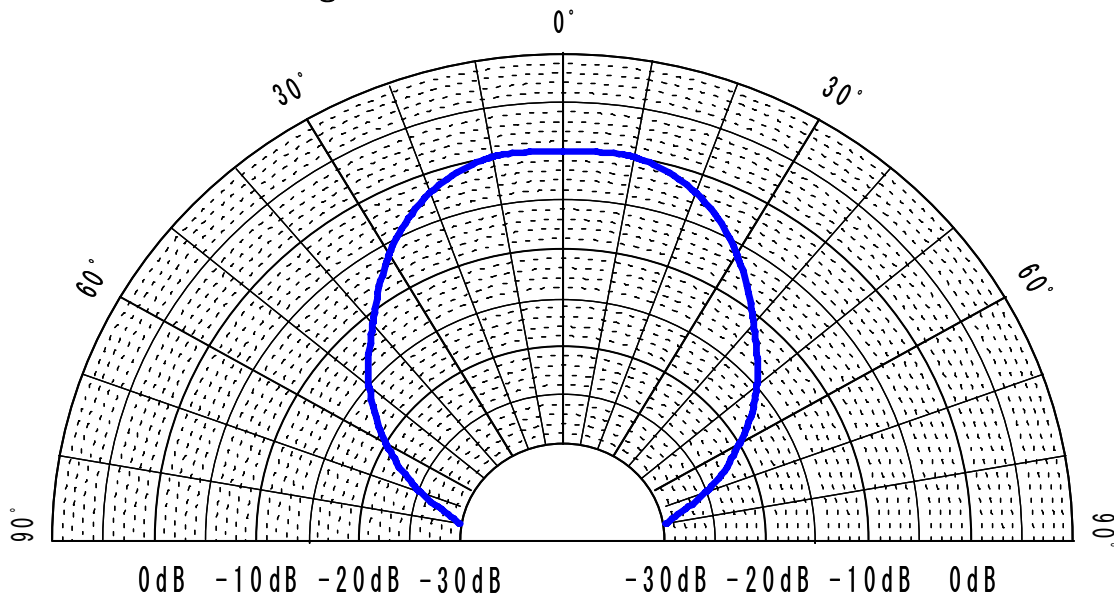
## (1) Electrical Characteristics

Part Number		T4016A2 Transmitter
1	S.P.L. at 40kHz (dB)	(TYP.) (min. ~max.) 122.2 120.2~123.8
2	Resonant Frequency (kHz)	(TYP.) (min. ~max.) 40.1 40.0~40.3
3	Resonant Impedance ( $\Omega$ )	(TYP.) (min. ~max.) 710 670~760
4	Capacitance at 1kHz (pF)	(TYP.) (min. ~max.) 2090 1980~2210
Samples (pcs)		10

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

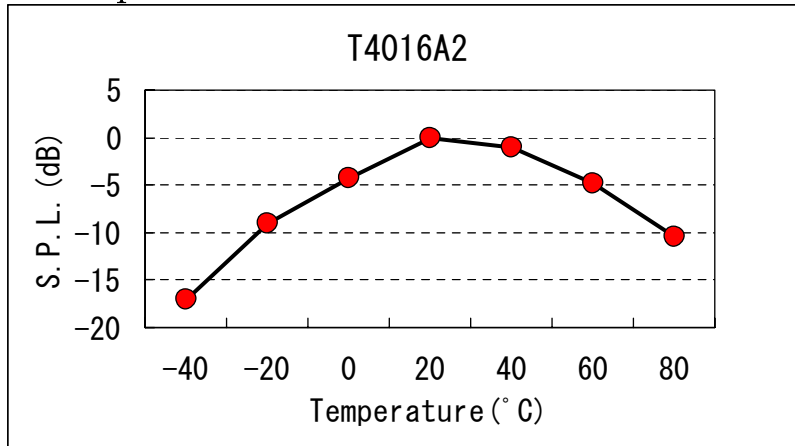
## (2) Directivity

-6dB Full Angle :  $55^\circ$

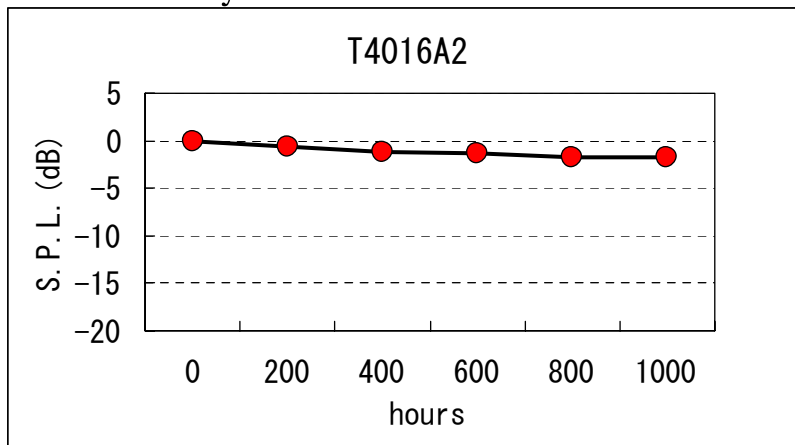


### (3) Environmental Characteristics

#### (a) Temperature Characteristics

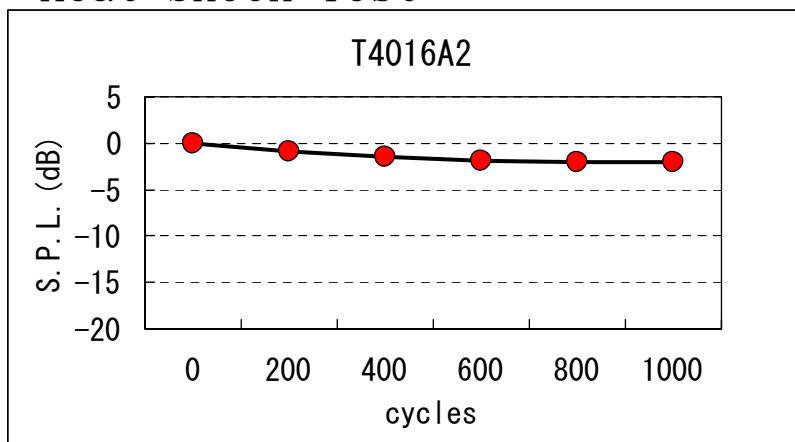


#### (b) Humidity Resistance Test



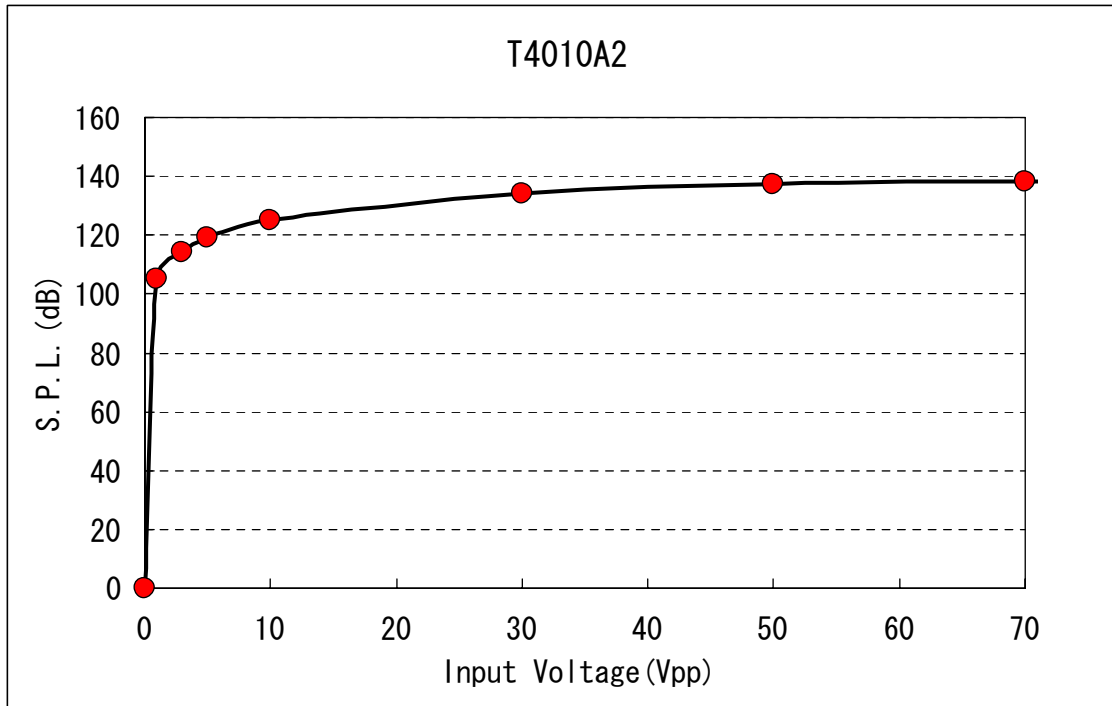
$40 \pm 2^\circ \text{C}$   
 90~95%RH  
 1000hours

#### (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 16 Transmitter

