

TECHNICAL DATA OF T4016A2 (PLASTIC CASE)

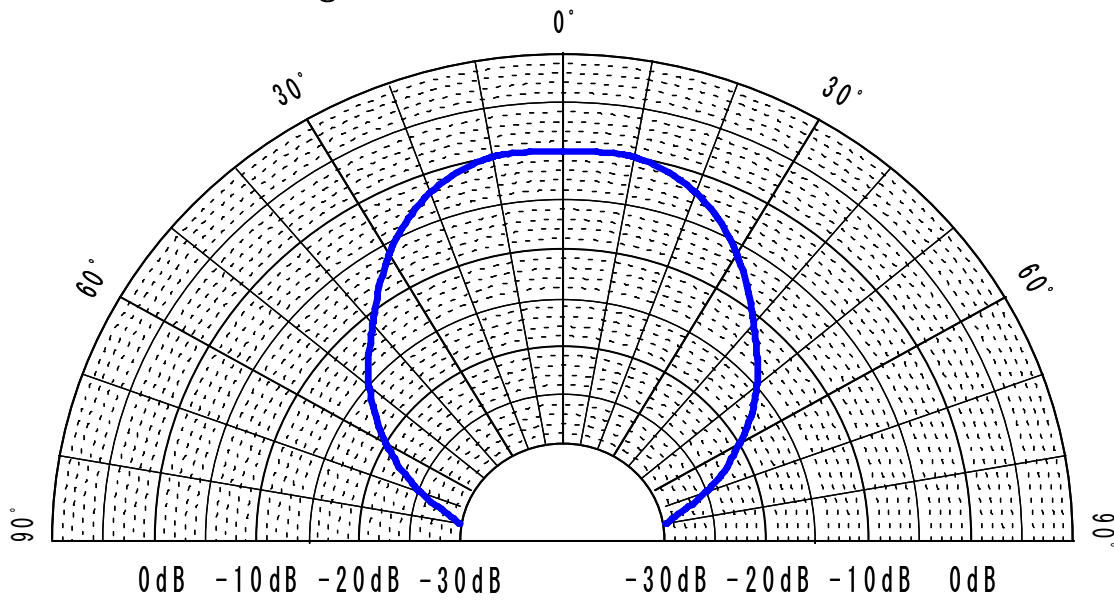
(1) Electrical Characteristics

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 (Ω)	(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 μ bar, Input Voltage 10Vrms, Distance 30cm

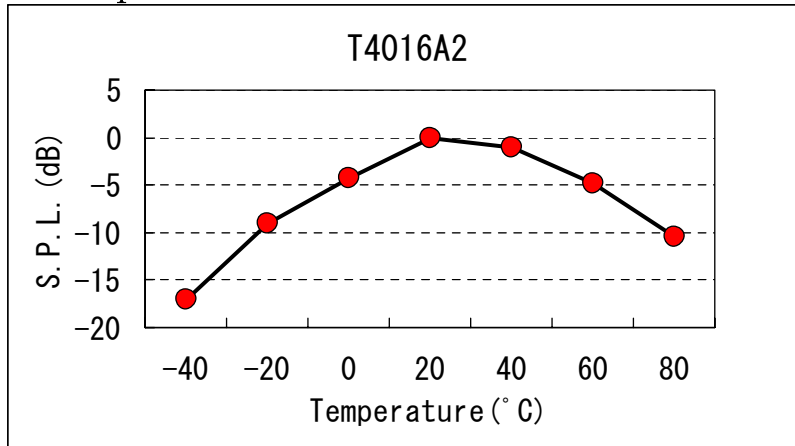
(2) Directivity

-6dB Full Angle : 55°

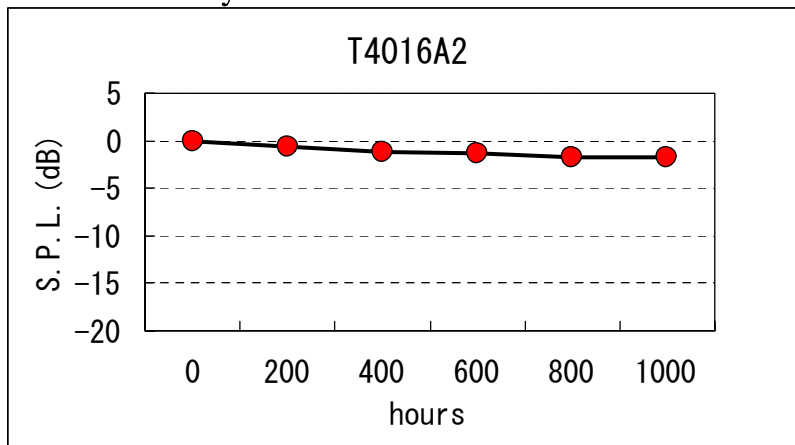


(3) Environmental Characteristics

(a) Temperature Characteristics

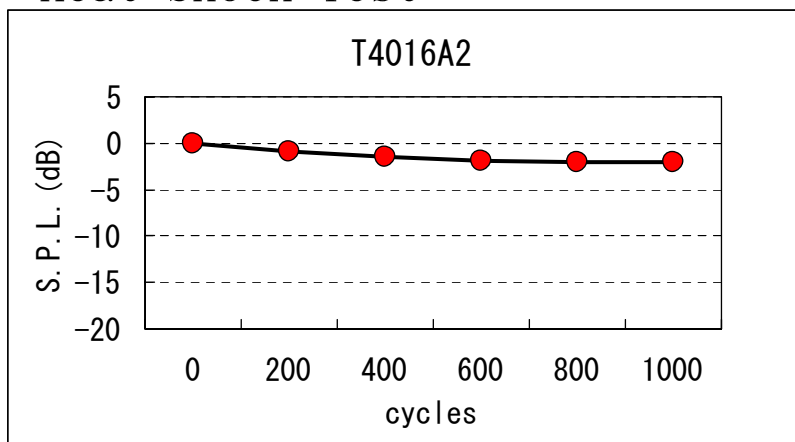


(b) Humidity Resistance Test



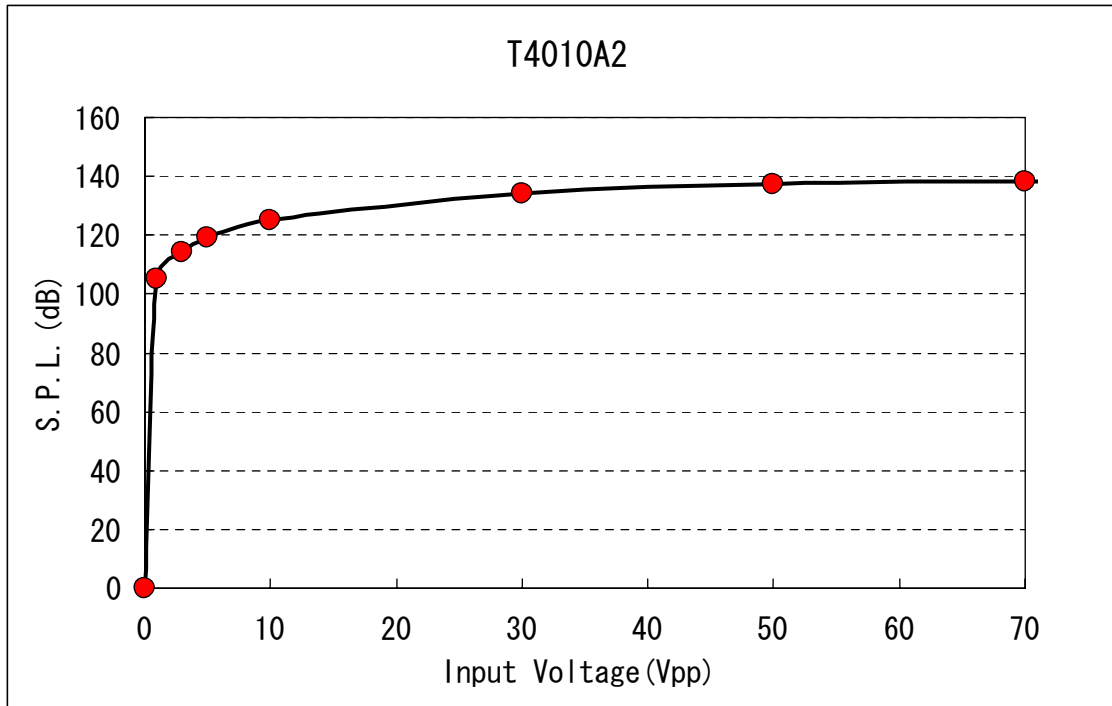
$40 \pm 2^\circ \text{C}$
 90~95%RH
 1000hours

(c) Heat Shock Test



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

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





40kHz 16 Transmitter

