

TECHNICAL DATA OF T4016A1 (AL CASE)

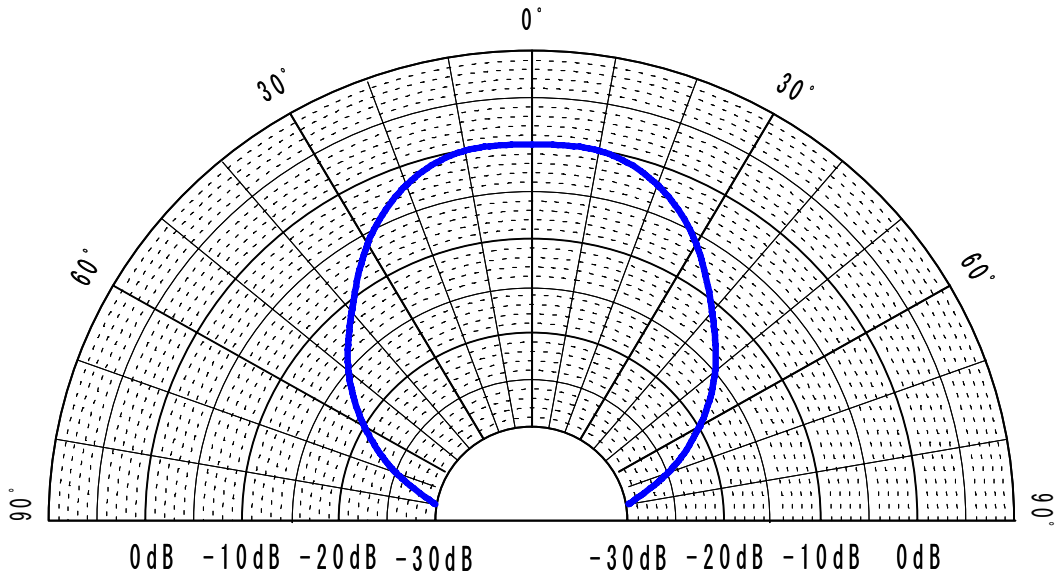
(1) Electrical Characteristics

Part Number		T4016A1 Transmitter
1	S.P.L. at 40kHz (dB) (TYP.) (min. ~max.)	122.1 120.2~124.0
2	Resonant Frequency (kHz) (TYP.) (min. ~max.)	40.1 40.0~40.3
3	Resonant Impedance (Ω) (TYP.) (min. ~max.)	730 680~770
4	Capacitance at 1kHz (pF) (TYP.) (min. ~max.)	2110 1970~2220
Samples (pcs)		10

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

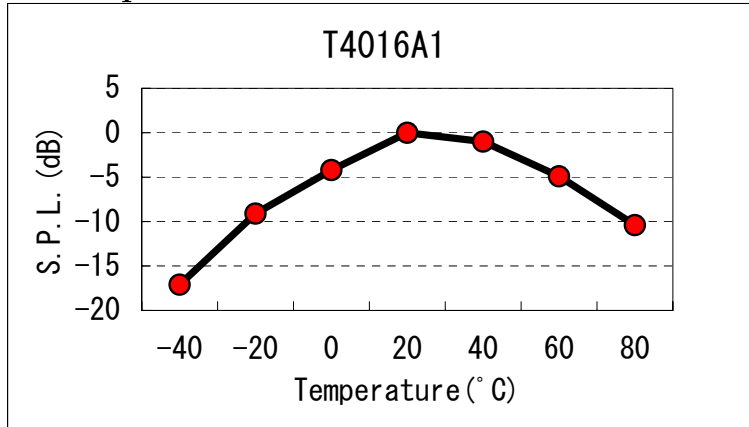
(2) Directivity

-6dB Full Angle : 55°

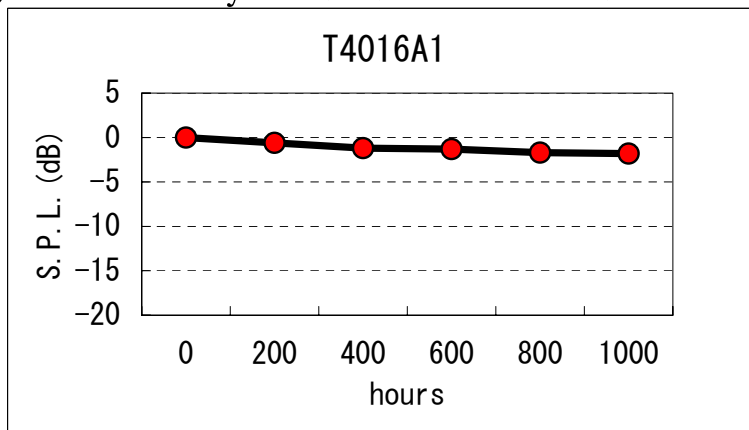


(3) Environmental Characteristics

(a) Temperature Characteristics

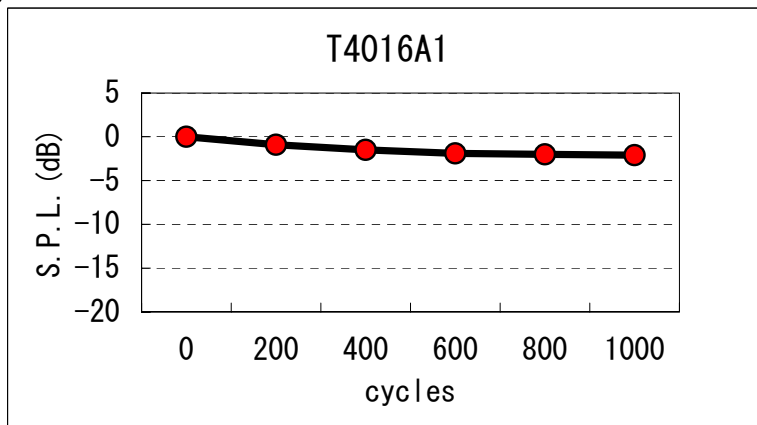


(b) Humidity Resistance Test



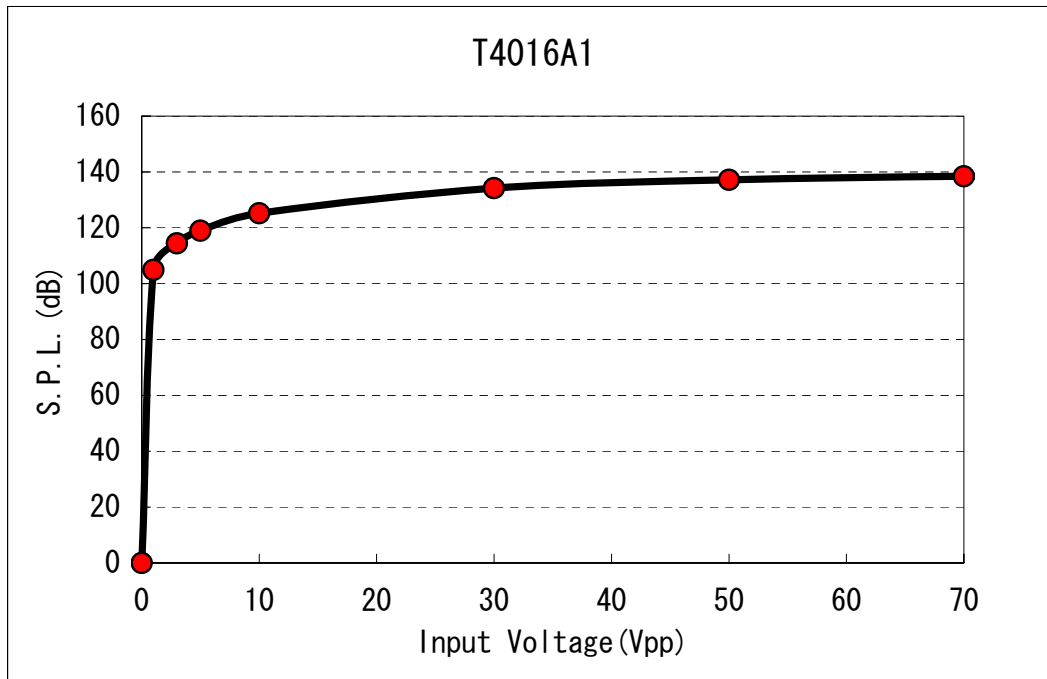
$40 \pm 2^\circ \text{C}$
 90~95%RH
 1000hours

(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

