

TECHNICAL DATA OF R4016A2 (PLASTIC CASE)

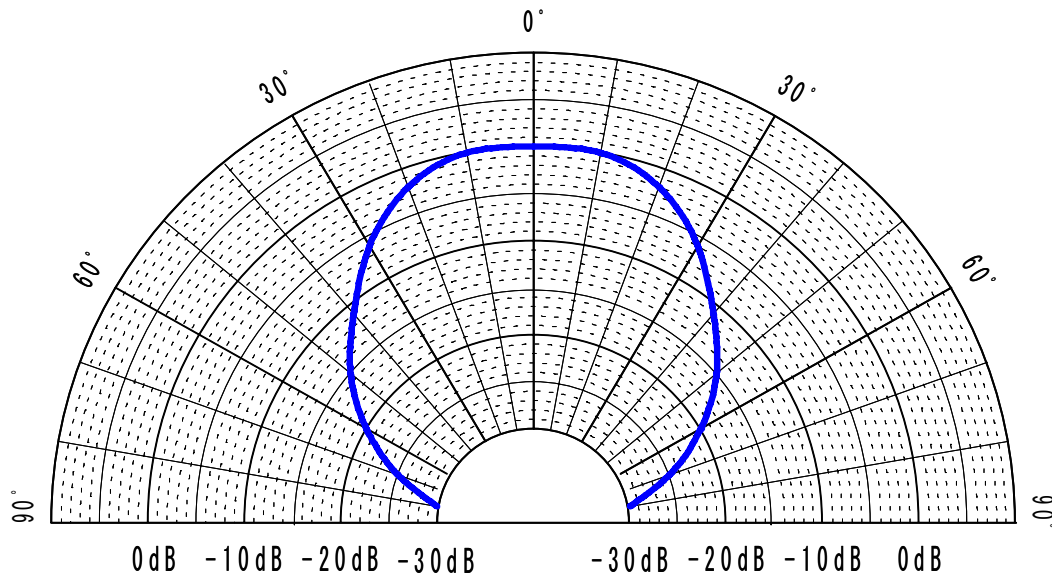
(1) Electrical Characteristics

Part Number		R4016A2 Receiver
1	Sensitivity at 40kHz (dB) (TYP.) (min. ~max.)	-57.3 -58.2~-56.5
2	Anti-Resonant Frequency (kHz) (TYP.) (min. ~max.)	40.1 39.9~40.3
3	Anti-Resonant Impedance (Ω) (TYP.) (min. ~max.)	5120 4850~5390
4	Capacitance at 1kHz (pF) (TYP.) (min. ~max.)	2190 2080~2310
Samples (pcs)		10

Sensitivity : $0\text{dB}=1\text{V}/\mu\text{bar}$, $RL=3.9\text{k}\Omega$, Distance 30cm

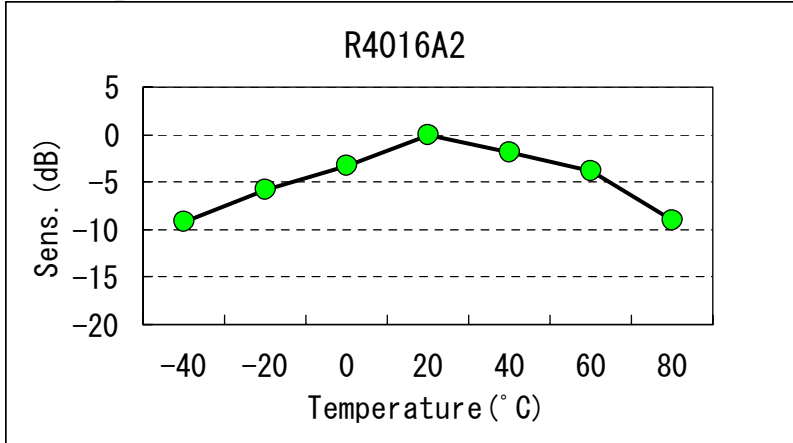
(2) Directivity

-6dB Full Angle : 55°

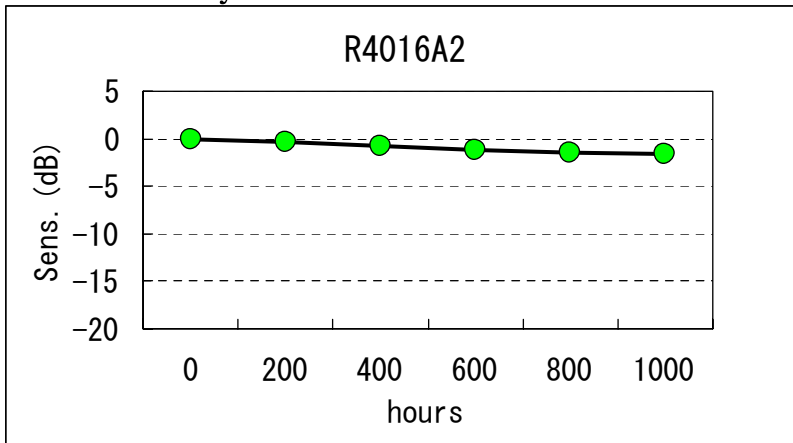


(3) Environmental Characteristics

(a) Temperature Characteristics

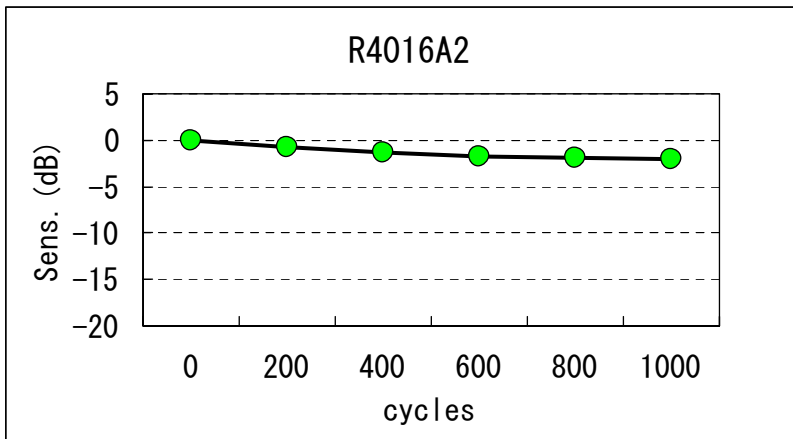


(b) Humidity Resistance Test



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

(c) Heat Shock Test



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



40kHz 16 Receiver

