

## TECHNICAL DATA OF R4010A1(PLASTIC CASE)

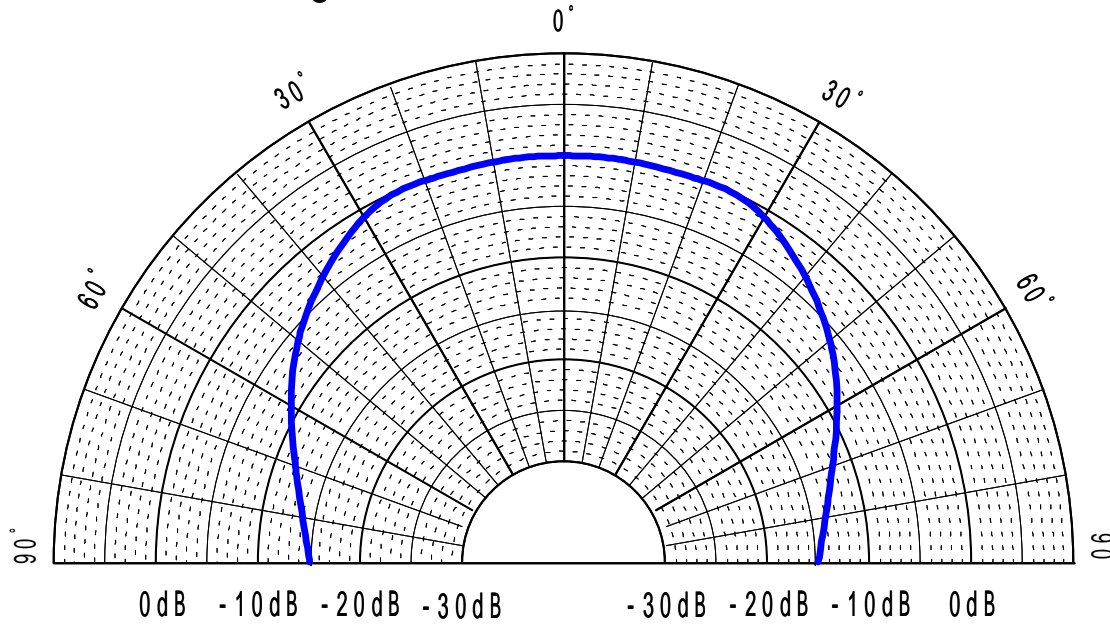
### (1) Electrical Characteristics

Part Number		R4010A1 Receiver
1	Sensitivity at 40kHz (TYP.) (dB) (min. ~ max.)	-62.5 -63.5 ~ -61.5
2	Anti-Resonant Frequency (TYP.) (kHz) (min. ~ max.)	40.0 39.9 ~ 40.1
3	Anti-Resonant Impedance (TYP.) ( ) (min. ~ max.)	3290 3072 ~ 3580
4	Capacitance at 1kHz (TYP.) (pF) (min. ~ max.)	2680 2410 ~ 2950
Samples (pcs)		10

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

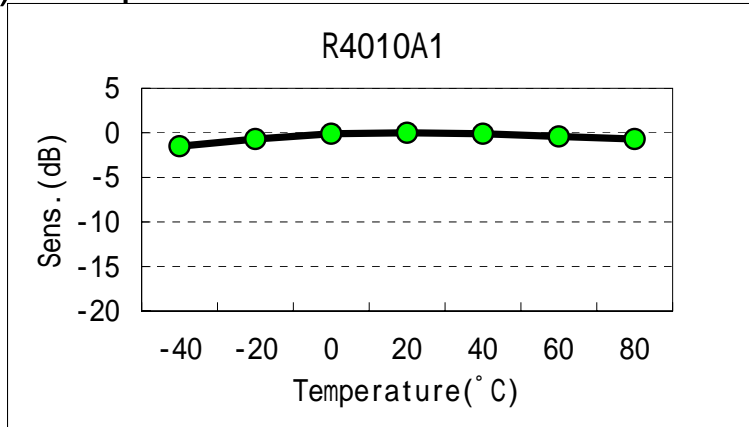
## (2) Directivity

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

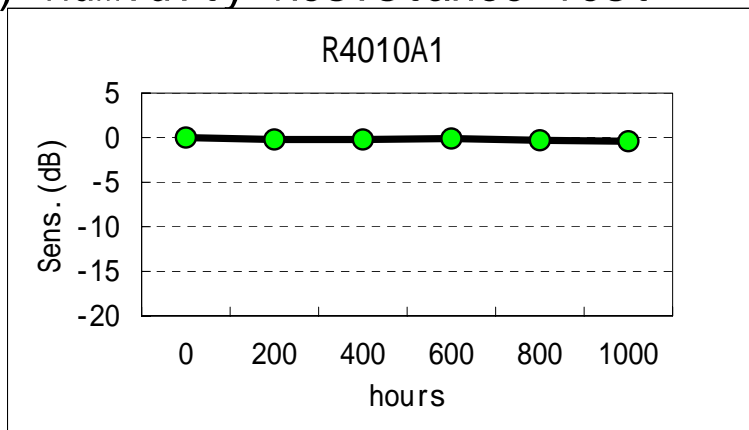


### (3) Environmental Characteristics

#### (a) Temperature Characteristics

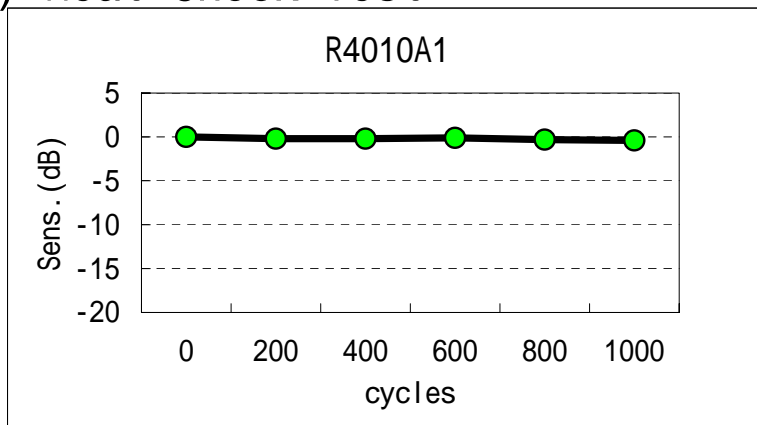


#### (b) Humidity Resistance Test



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

#### (c) Heat Shock Test



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

# 40kHz 10 Receiver

