

TECHNICAL DATA OF R4010A1(PLASTIC CASE)

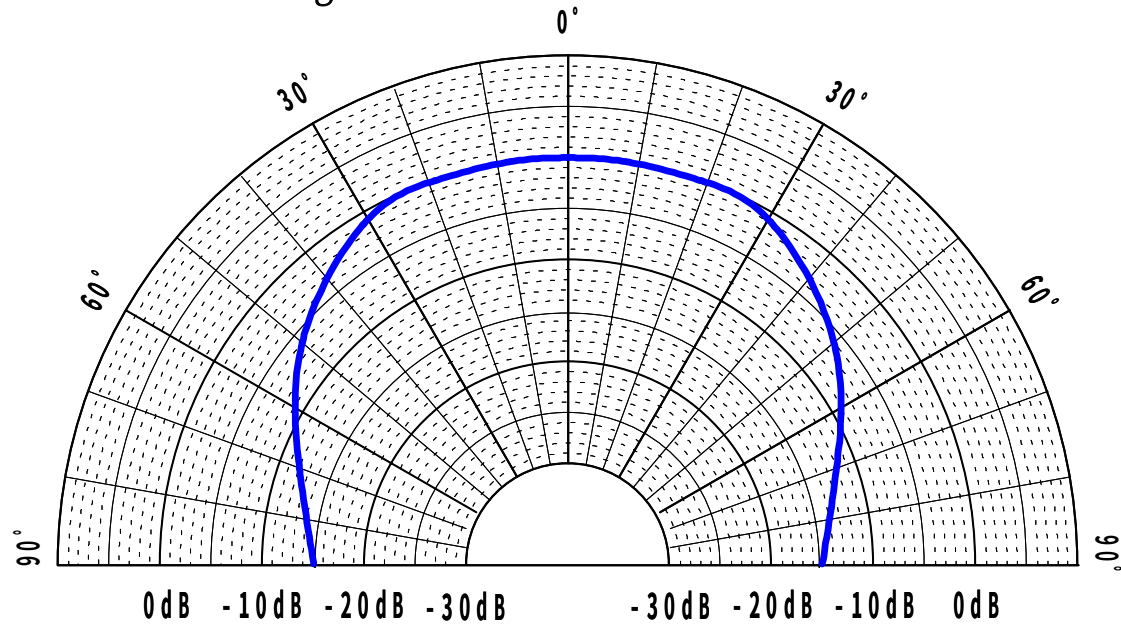
(1) Electrical Characteristics

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.) (Ω) (min.~max.)	3290 3072~3580
4	Capacitance at 1kHz (TYP.) (pF) (min.~max.)	2680 2410~2950
Samples (pcs)		10

Sensitivity : 0dB=1V/ μ bar , R_L =3.9k Ω , Distance 30cm

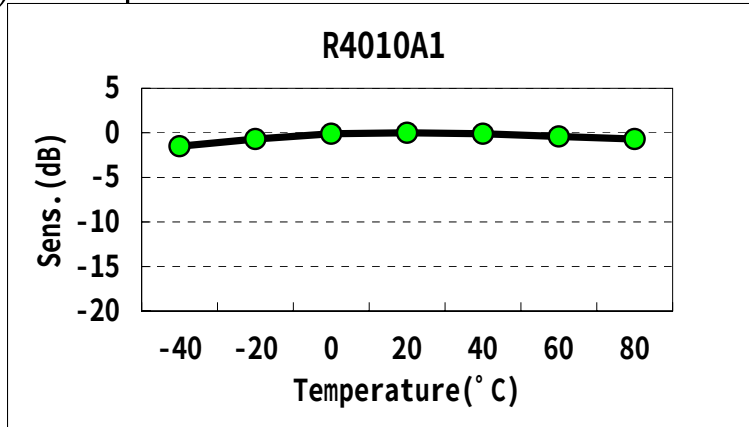
(2) Directivity

-6dB Full Angle : 100°

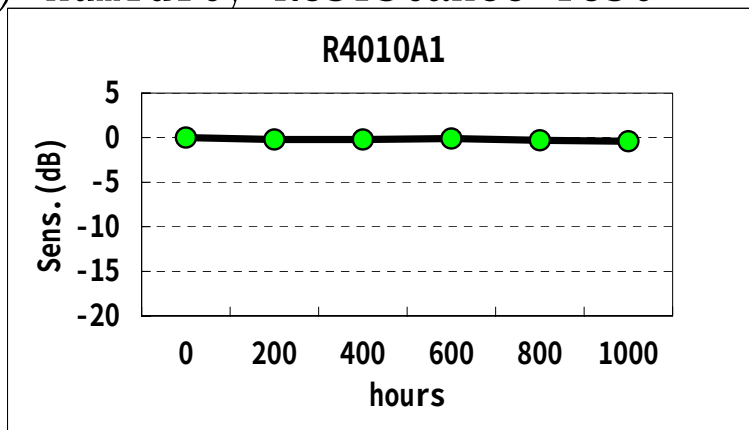


(3) Environmental Characteristics

(a) Temperature Characteristics

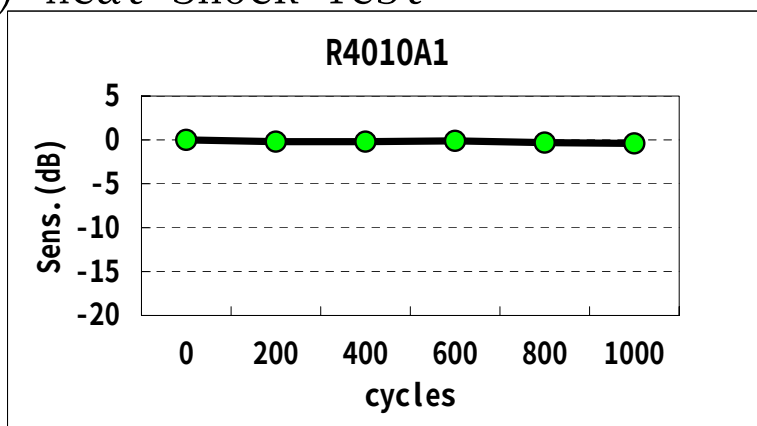


(b) Humidity Resistance Test



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

(c) Heat Shock Test



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

40kHz Φ 10 Receiver

