

TECHNICAL DATA OF R4010A1 (

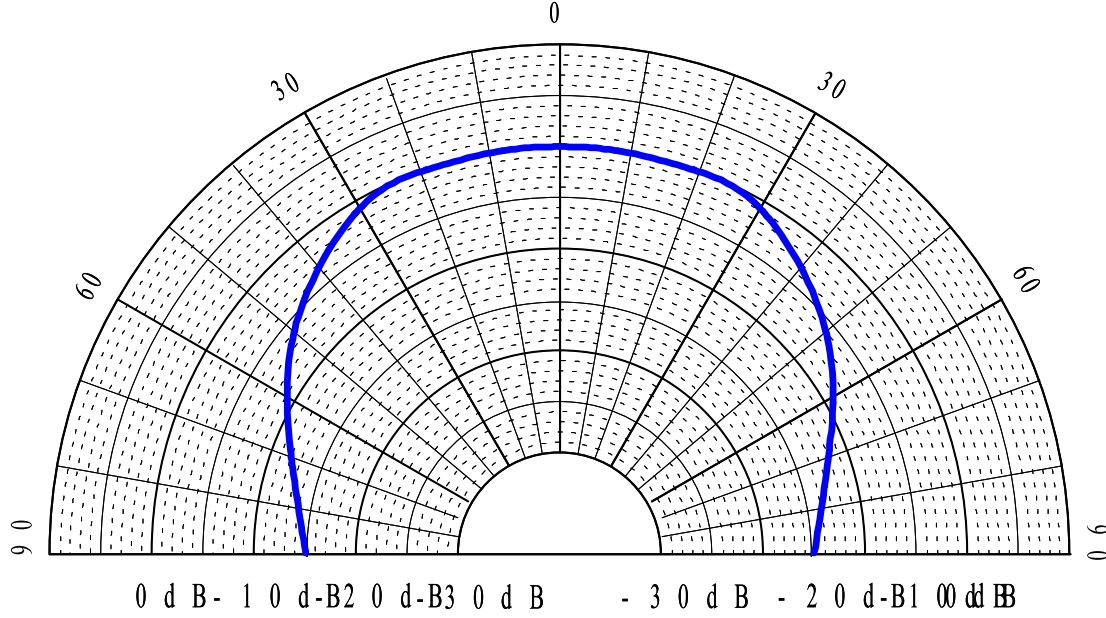
(1) Electrical Characteristics

Part Number		R4010A1
		Receiver
1	Sensitivity at 40 kHz (dB) (min. max.)	(TYP.) - 63.5 -
2	Anti-Resonant Frequency (kHz) (min. max.)	(TYP.) 39.9 4
3	Anti-Resonant Impedance (Ω) (min. max.)	(TYP.) 3072 358
4	Capacitance at 1 kHz (pF) (min. max.)	(TYP.) 2410 29
Samples (pcs)		10

Sensitivity : 0 dB = 1 V / μ bar , RL = 3.9 k Ω

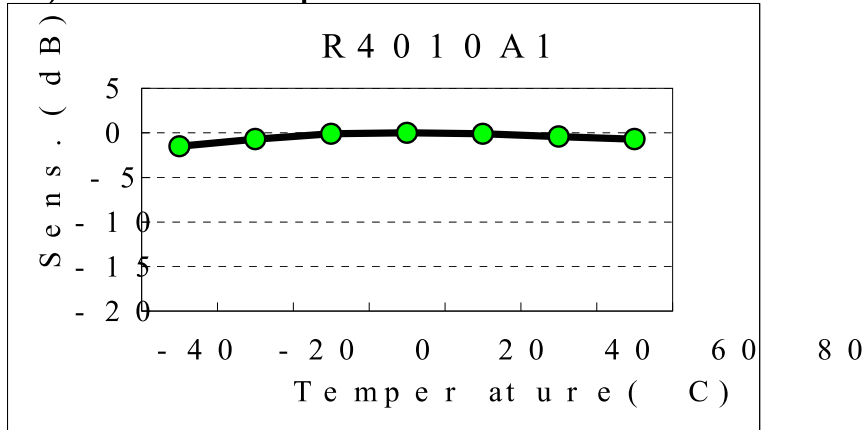
(2) Directivity

- 6 d B Full Angle : 100 °

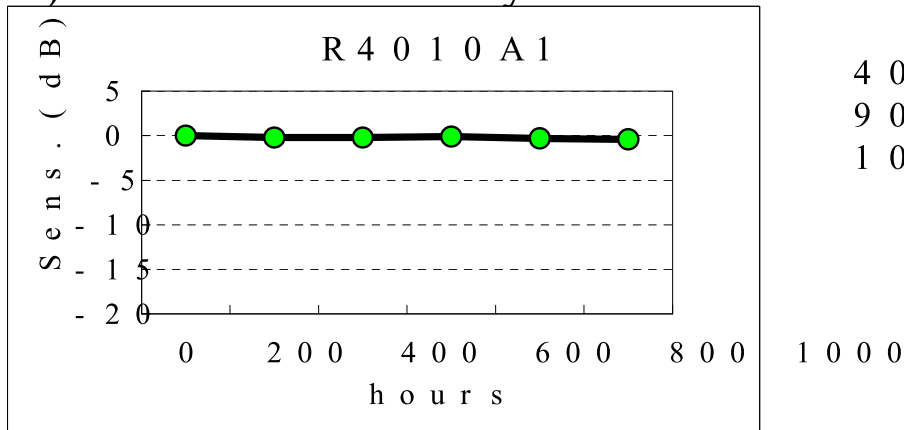


(3) E n v i r o n m e n t a l C h a r a c t e r i s t i c s

(a) T e m p e r a t u r e C h a r a c t e r i s t i c s

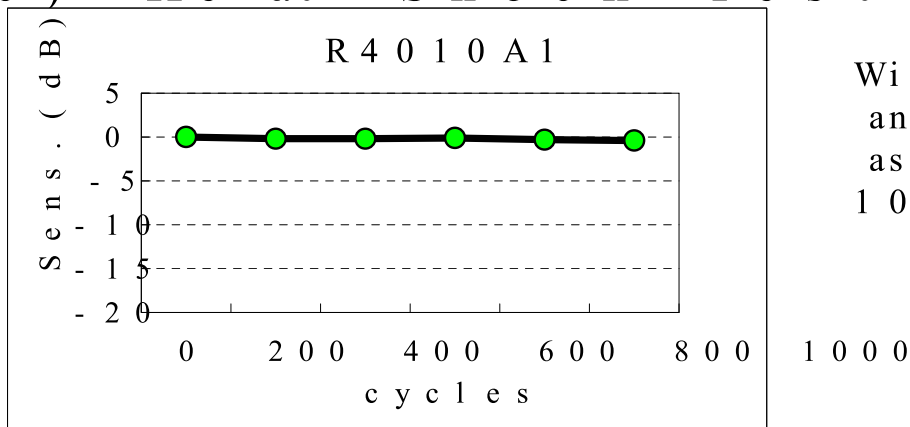


(b) H u m i d i t y R e s i s t a n c e T e s t



40 ± 2 C
90 - 95 %RH
1000 hours

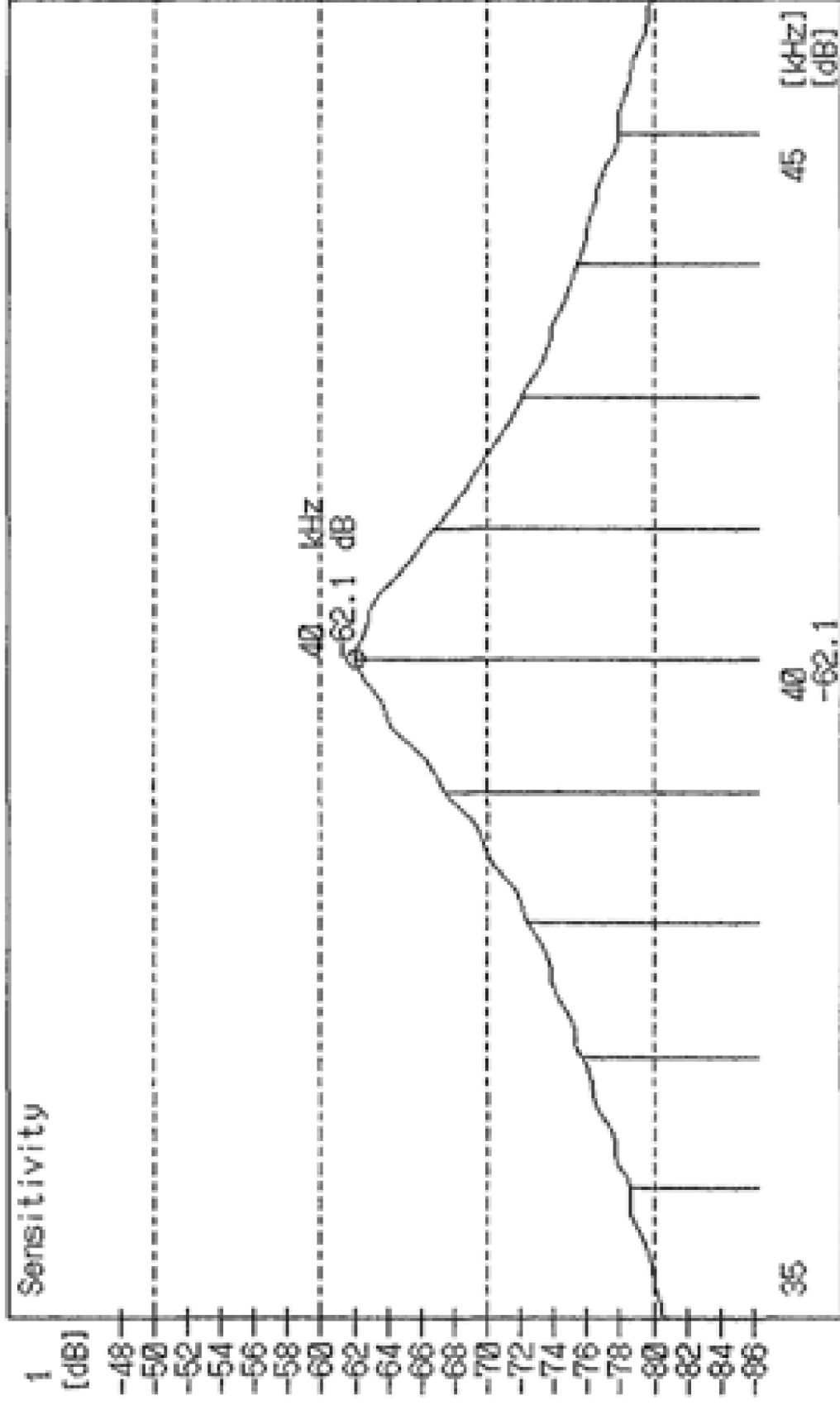
(c) H e a t S h o c k T e s t



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



40kHz Φ 10 Receiver



+ 94 dB

Fri Oct 03 11:22:34 2008

