

## TECHNICAL DATA OF R4016A1 (AL CASE)

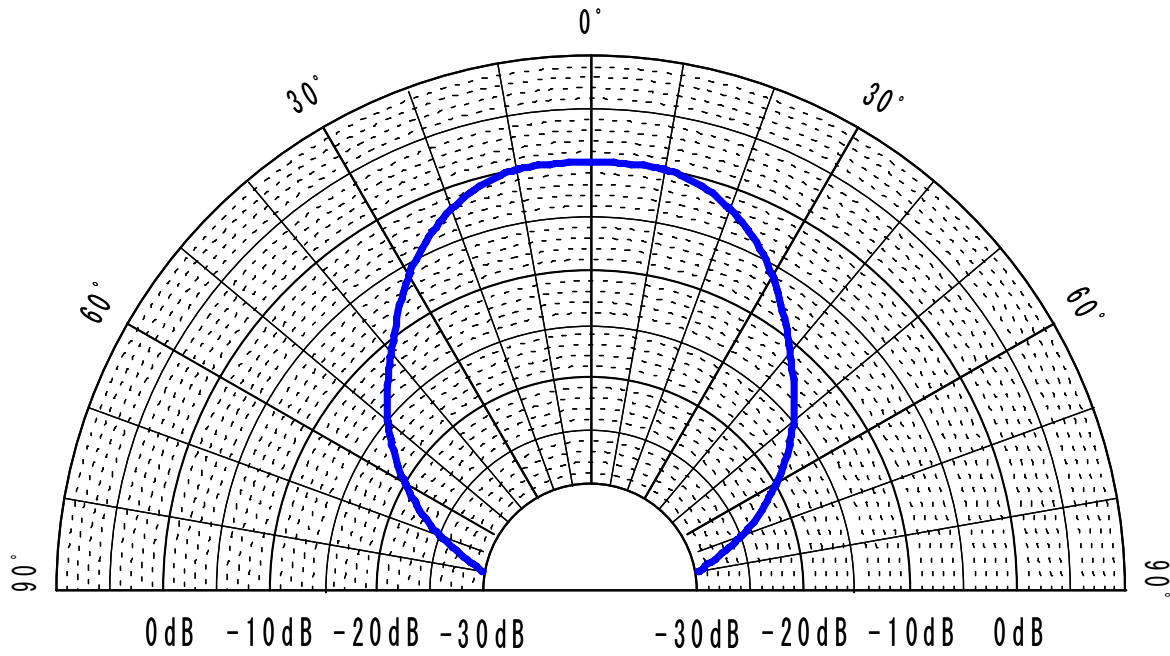
### (1) Electrical Characteristics

Part Number		R4016A1 Receiver	
1	Sensitivity at 40kHz (dB)	(TYP.) (min. ~max.)	-57 -58.0~-56.6
2	Anti-Resonant Frequency (kHz)	(TYP.) (min. ~max.)	40.1 39.9~40.3
3	Anti-Resonant Impedance ( $\Omega$ )	(TYP.) (min. ~max.)	5320 4890~5440
4	Capacitance at 1kHz (pF)	(TYP.) (min. ~max.)	2180 2100~2330
Samples (pcs)			10

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

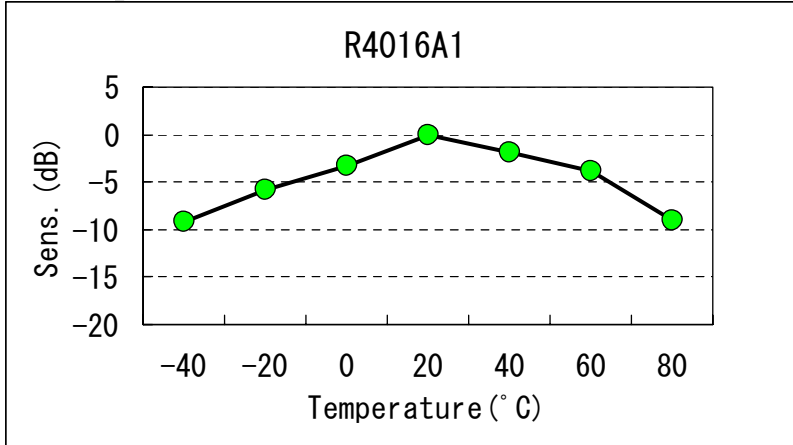
## (2) Directivity

-6dB Full Angle :  $55^\circ$

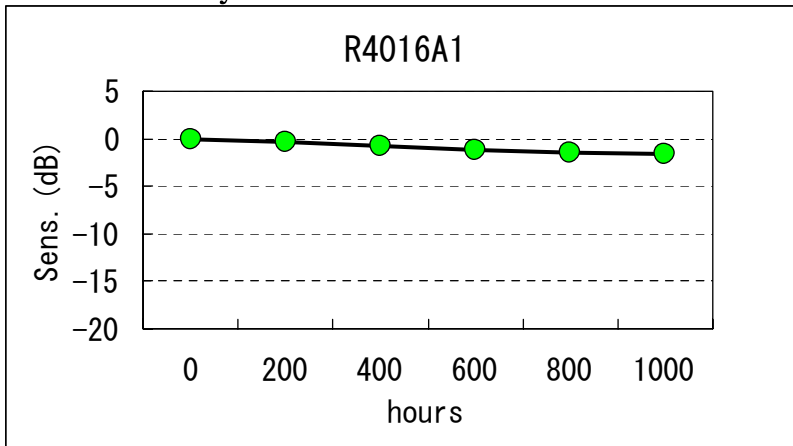


### (3) Environmental Characteristics

#### (a) Temperature Characteristics

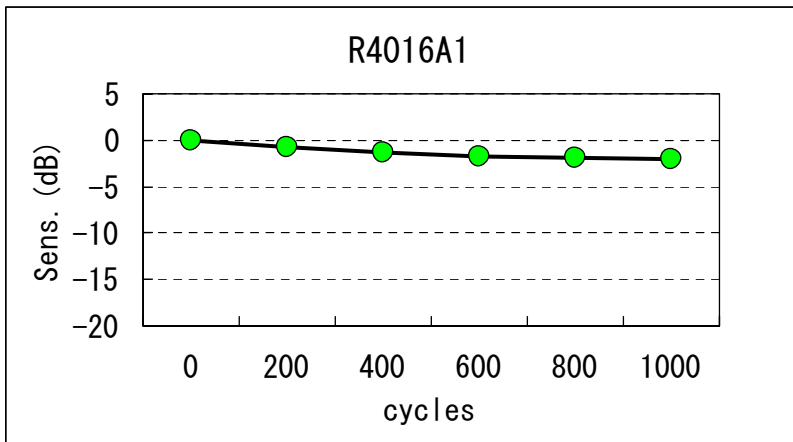


#### (b) Humidity Resistance Test



40 ± 2° C  
90 ~ 95%RH  
1000hours

#### (c) Heat Shock Test



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



# 40kHz 16 Receiver

