

TECHNICAL DATA OF R2516A1(PLASTIC CASE)

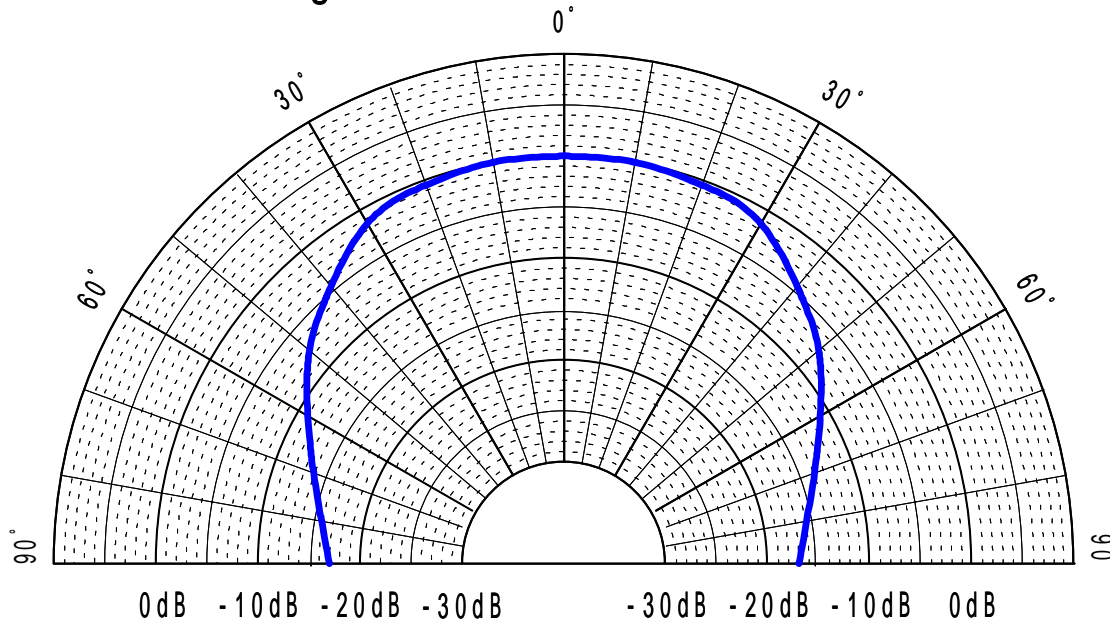
(1) Electrical Characteristics

Part Number	R2516A1 Receiver
1 Sensitivity at 25kHz (TYP.) (dB) (min. ~ max.)	-53 -54.5 ~ -51.8
2 Anti-Resonant Frequency (TYP.) (kHz) (min. ~ max.)	25 24.7 ~ 25.2
3 Anti-Resonant Impedance (TYP.) () (min. ~ max.)	10800 10200 ~ 11300
4 Capacitance at 1kHz (TYP.) (pF) (min. ~ max.)	2970 2810 ~ 3150
Samples (pcs)	10

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

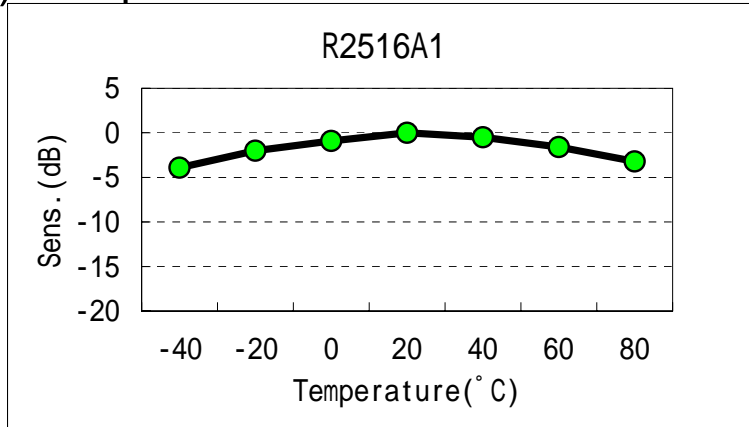
(2) Directivity

-6dB Full Angle : 85°

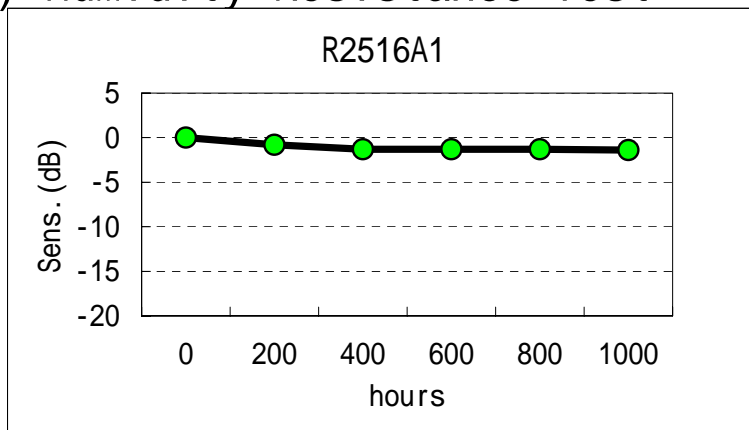


(3) Environmental Characteristics

(a) Temperature Characteristics

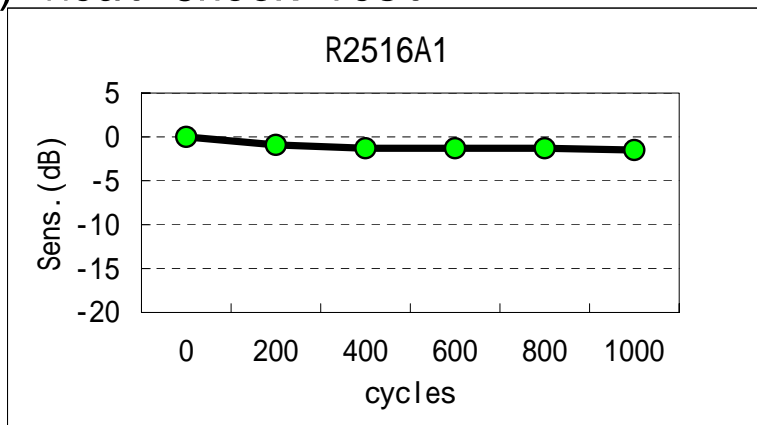


(b) Humidity Resistance Test



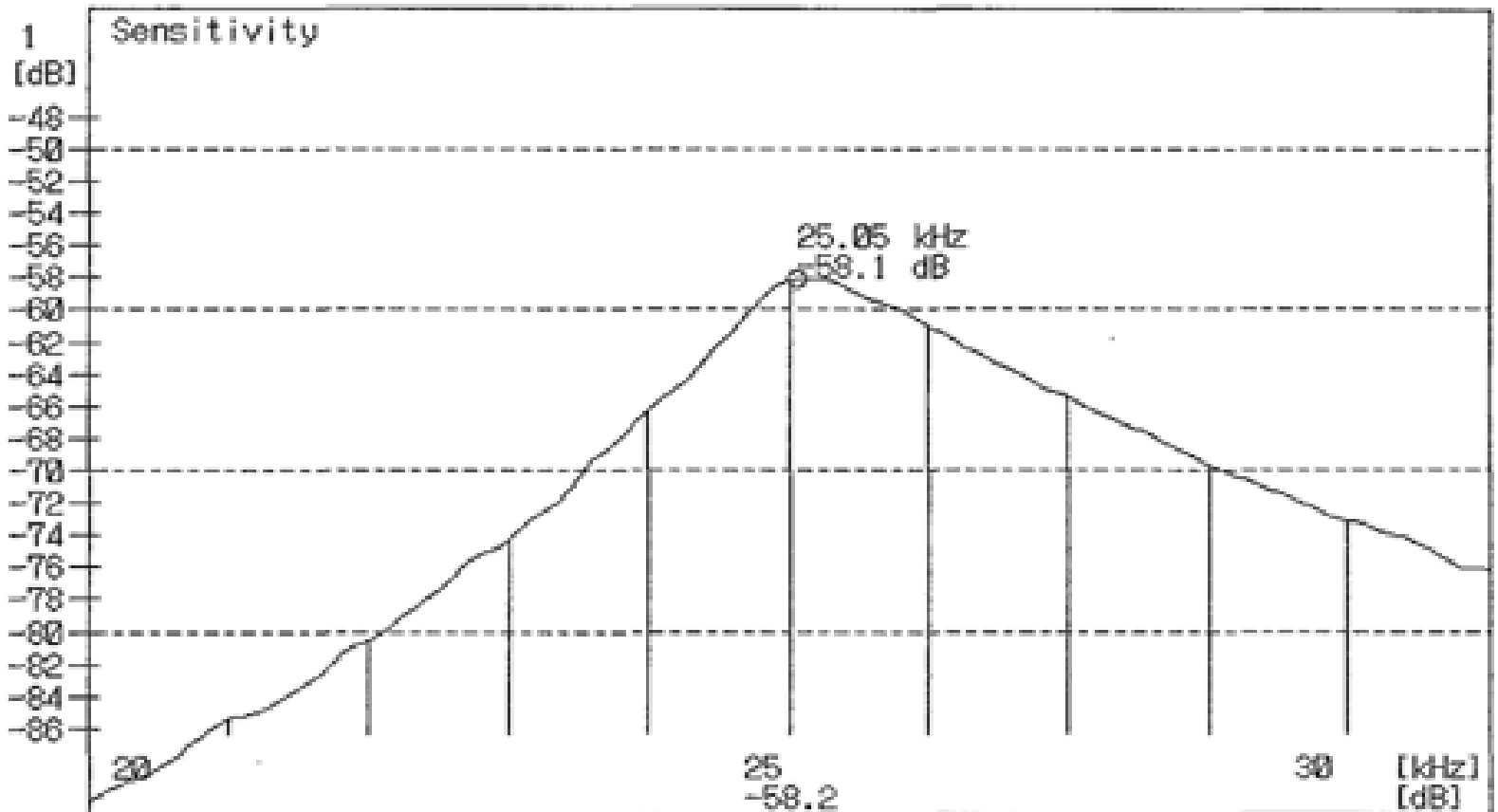
$40 \pm 2^\circ \text{C}$
 90 ~ 95%RH
 1000hours

(c) Heat Shock Test



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

25kHz 16 Receiver



+ 94 dB

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