

KM499-4031A

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Date : July 30, 1999

NOTICE OF ALTERATIONS

Application to : FCC Part 15, Subpart C
Name of Appliance : 900 MHz Spread Spectrum Cordless Telephone
Model No. : KX-TC1850B
FCC Identifier : ACJ96NKX-TC1800
Original Grant Date : June 21, 1999

To match the base unit's output power with its associated handset's output power, we would like to increase the base unit's output power from 25 mW to approx. 60 mW.

Please be advised that the base unit's RF circuitry basic design is not modified, rather its component values were changed, and also antenna is changed from metal rod type to rubber rod type with same electrical characteristics.

The differences between the basic and the revised base units are as followings.

1. RF Unit :

RF Power Amplifier Circuit:

C302 : 47pF to 5pF	R301 : 5.6K ohms to 4.7K ohms
C305 : 47pF to 330pF	R302 : 56 ohms to None
C307 : 47pF to 4pF	R304 : 6.8K ohms to 10K ohms
C313 : 47pF to 5pF	R332 : None to 4.7 ohms
C315 : 47pF to 330pF	
C319 : 3pF to 2pF	L302 : 3.3nH to 10 ohms
C317 : 6.8pF to 8pF	L303 : 47pH to 10pH
C321 : 3pF to 2pF	L318 : 6.8nH to 10nH
C325 : None to 47pF	L323 : 47pH to 8.2mH
C372 : 2pF to 6pF	
C374 : 0.1uF to 1000pF	FL305 : None to Added
C375 : 1000pF to 5pF(Change location)	
C376 : 0.01uF to 5pF(Change location)	
C377 : None to 5pF	

Accompanying with increasing RF output power, many components' values are also changed (as shown above) to re-adjust the impedance matching.

However, the basic design is not modified.

Please refer to the revised schematic diagram attached.

2. Antenna :

Metal Rod Type

Rubber Rod Type

