

Model Description

FCC ID	: APYHRO00088	Model Name	: SH-04A
Destination	: Japan Market only	Brand Name	: NTT docomo
Emission Type	: GSM ----- GXW : WCDMA ----- F9W	Type of Equipment	: WCDMA & 900/1800/1900MHz GSM Tri-band Mobile Phone / Bluetooth Enable / FeliCa Enable

RF-section

Items		
Cellular Phone	Technical Specification	3GPP R99
	Frequency Band	WCDMA 850MHz(band V) : Tx 826.4 to 846.6MHz Rx 871.4 to 891.6MHz 800MHz(band VI) : Tx 832.4 to 837.6MHz Rx 877.4 to 882.6MHz 2000MHz(band I) : Tx 1922.6 to 1977.4MHz Rx 2112.6 to 2167.4MHz NOTE: Band I and Band VI do not operate in USA GSM 900MHz : Tx 880.2 to 914.8MHz Rx 925.2 to 959.8MHz 1800MHz : Tx 1710.2 to 1784.8MHz Rx 1805.2 to 1879.8MHz 1900MHz : Tx 1850.2 to 1909.8MHz Rx 1930.2 to 1989.8MHz NOTE: GSM900/1800MHz Band do not operate in USA
	Tx Power	WCDMA : 24dBm+1dB/-3dB GSM 900MHz : 33dBm±2dB(GSM/GPRS) 1800MHz : 30dBm±2dB(GSM/GPRS) 1900MHz : 30dBm±2dB(GSM/GPRS)
	Transmission Technology	WCDMA : DS/CDMA, FDD, T/HCDMA GSM : TDMA/FDD
	Data Transmission	GSM : GMSK GSM GPRS : Class 8 (Total 5slots, TX: max 1 / RX: max 4)
	Voice Codec	WCDMA : AMR GSM : EFR/ FR
	Antenna	Integrated Antenna: L Type Antenna ----- See attached file "antenna.pdf"
Bluetooth	Technical Specification	Bluetooth Version 2.0 + EDR
	Frequency Band	TX 2402MHz to 2480MHz RX 2402MHz to 2480MHz
	Tx Power	Class2, Nominal 0dBm (Max +4dBm / min -6dBm)
	Type of Modulation	GFSK, $\pi/4$ DQPSK, 8DPSK
	Transmission Technology	FHSS
	Antenna	Integrated Antenna ---- See attached file "antenna.pdf" Reversed Mono-pole L-Type / Gain= 2.14dBi
RF ID (FeliCa)	Technical Specification	NFCIP-1(ISO/IEC18092)
	Frequency Band	13.56 -13.56MHz
	Type of Modulation	ASK(10%)
	Antenna	Integrated Loop Antenna

Class B Personal computer PERIPHERAL DEVICE

Items		
USB	Clock Frequency	48MHz, 480MHz
	USB Data Cable / Connector	Shielded / Unshielded

Feature

Cell Phone Feature	SIM		Plug-in 3V SIM card slot
	Display		
		Main	3.5inch, 16,777,216 color TFT(ASV), 854x480(WVGA) with Backlight
	Camera		
		Main	CMOS 5.2M pixel
	Battery/ Talk time		
		Capacity	790mAh
		Battery type	Rechargeable Lithium-Ion Battery
		standby time	WCDMA:560h, GSM:260h
		talk time	WCDMA:220min, GSM:190min
	Dimensions		
		Target size	54.4(W) x 114(D) x 17.4(H)mm (Close position)
		Target weight	140g
	Key Layout		Touch panel, QWERTY keyboard, Off hook key, Power / On hook key, Shutter / Push Talk key and Clear key
	Battery		Lithium-Ion,DC3.7V 790mAh
	Stereo Handsfree(Headset)		Optional Accessories
	USB Data Cable		Optional Accessories

Interface

External I/F	MCPC connector		For USB Cable or PC Link cable or AC Charger or Earphone plug Adaptor
	SIM card terminal		1 slot
	SD Card connector		For micro SD card (1 slot)
	Integrated charger circuit		The terminals of charging are for using a cradle.

Accessory

Accessory	AC Adapter		Input AC 110 to 240V Output DC 5.4V/700mA
	Battery		Lithium-Ion,DC3.7V 790mAh
	Stereo Handsfree (Headset)		Optional Accessories
	USB Data Cable		Optional Accessories
	Earphone plug Adaptor of External connector terminal		Optional Accessories