

Model Description

FCC ID : APYHRO00082 Destination : Japan Market only Emission Type : GSM ----- GXW : WCDMA ----- F9W	Model Name : SH-03A Brand Name : NTT docomo Type of Equipment : WCDMA & 900/1800/1900MHz GSM Tri-band Mobile Phone / Bluetooth Enable / FeliCa Enable
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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 1700MHz(band IX) : Tx 1752.4 to 1782.4MHz Rx 1847.4 to 1877.4MHz 2000MHz(band I) : Tx 1922.6 to 1977.4MHz Rx 2112.6 to 2167.4MHz NOTE: Band I, Band VI and Band IX 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
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	3inch, 16,777,216 color TFT(ASV), 854x480(WVGA) with Backlight	
	Camera			
		Main	CCD 8M pixel	
	Battery/ Talk time			
		Capacity	800mAh	
		Battery type	Rechargeable Lithium-Ion Battery	
		standby time	260h	
		talk time	190min	
	Dimensions			
		Target size	50(W) x 111.4(D) x 18.5(H)mm (Close position)	
		Target weight	135g	
	Key Layout			Optical sensor ,Touch panel ,I mode key ,Camera key ,Mail key ,Phone book key , Multi Selector key ,Decision key ,Off hook key ,Clear key , On hook key ,0-numeric key , * key ,# key ,Multi key ,TV key ,Eco key , and 1 side key
Battery			Lithium-Ion,DC3.7V 800mAh	
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 800mAh
	Stereo Handsfree (Headset)		Optional Accessories
	USB Data Cable		Optional Accessories
	Earphone plug Adaptor of External connector terminal		Optional Accessories