

Model Description

FCC ID	: APYHRO00089	Model Name : CDMA SH001
Destination	: Japan Market only	Brand Name : <i>au</i> by KDDI
Emission Type	: CDMA (800M Cellular)----- F9W	Type of Equipment : Cellular Phone/Bluetooth enabled

RF-section

Items		
Cellular Phone	Technical Specification	3GPP2 Release A Release 0 operates in USA.
	Frequency Band	CDMA2000 Band Class0 (800MHz cellular band) : TX : 824.7MHz (1013ch) — 848.37MHz (779ch) RX : 869.7MHz (1013ch) — 893.37MHz (779ch) CDMA2000 Band Class3 (JTACS band) (Japan) : TX : 824.76MHz — 829.23MHz 898.75MHz — 900.25MHz 915.75MHz — 924.25MHz RX : 843.75MHz — 845.25MHz 860.75MHz — 869.25MHz 869.76MHz — 874.23MHz CDMA2000 Band Class6 (IMT-2000) (Japan) : TX : 1925.75MHz — 1939.25MHz RX : 2115.75MHz — 2129.25MHz NOTE: Band Class 3 and 6 do not operate in USA
	Tx Power	CDMA2000 (Band Class0/3) : 23.7dBm+1dB/-1dB CDMA2000 (Band Class6) : 22.5dBm+1dB/-1dB NOTE: Band Class 3 and 6 do not operate in USA
	Transmission Technology	CDMA2000 : MC- CDMA, FDD CDMA2000 , 1xEV-DO (HDR):CDMA/TDMA,FDD NOTE: 1xEV-DO does not operate in USA
	Data Transmission	CDMA2000 : High Speed Packet Data (SO33) Medium Speed Packet Data (SO25) Low Speed Packet Data (SO15) BPSK,HPSK/QPSK CDMA2000 1xEV-DO: BPSK,QPSK,8-PSK,HPSK,16-QAM NOTE : 1xEV-DO does not operate in USA CDMA SO15 and 25 do not operate in USA
	Voice Codec	CDMA2000: EVRC
	Antenna	Integrated Antenna: Type L Antenna ----- See attached assembled drawing
Bluetooth	Technical Specification	Bluetooth Version 2.0 (With EDR)
	Frequency Band	TX 2402MHz to 2480MHz RX 2402MHz to 2480MHz
	Tx Power	Class2, Nominal 0dBm (Max +4dBm / min -6dBm)
	Type of Modulation	GFSK
	Transmission Technology	FHSS
	Antenna	Integrated Antenna ---- See attached assembled drawing Reversed Mono-pole Type L / Gain= 0 dBi
RF ID (FeliCa)	Technical Specification	NFCIP-1 (ISO/IEC18092)
	Frequency Band	13.56 -13.56MHz
	Type of Modulation	ASK (10%)
	Antenna	Integrated Loop Antenna
		NOTE: FeliCa does not operate in USA

Class B Personal computer PERIPHERAL DEVICE

Items		
USB	Clock Frequency	19.2MHz, 768MHz
	USB Data Cable / Connector	Shielded / Unshielded

Feature

Cell Phone Feature	SIM		Plug-in 3V SIM card slot
	Display		
		Main	3.0inch, 262,144 color TFT (ASV), 854x480 (FWVGA) with Backlight
	Camera		
		Main	CCD 8.0 Mega pixel
	Battery/ Talk time		
		Capacity	800mAh (3.0Wh)
		Battery type	Rechargeable Lithium-Ion Battery
		standby time	260hrs
		talk time	240min
	Dimensions		
		Target size	48.4(W) x 111.3(D) x 21.0(H)mm (Close position)
		Target weight	125g
	Key Layout		Phone book key ,Application key ,Mail key ,EZ Web access key , Decision key , Off hook key ,Clear/Memo key ,On hook/Power key ,0-9numeric keys , * key , # key , Multi Selector key ,TV key ,and 4 side keys

Interface

External I/F	Headset connector		None (Common with MCPC connector)
	MCPC connector		For Stereo Headset or USB Cable or PC Link cable or AC Charger
	R-UIM(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		Optional accessories input AC 100 to 240V, 50/60Hz Output DC 5.0V/600mA
	Battery		Inbox accessories Lithium-ion, DC3.7V 800mAh (3.0Wh)
	Stereo Handsfree(Headset)		Optional accessories
	USB data cable		Optional accessories L=800mm typ.