

Model Description

FCC ID : APYHRO00096 Destination : Japan Market only Emission Type : CDMA (800M Cellular)----- F9W	Model Name : CDMA SHY01 Brand Name : au by KDDI Type of Equipment : Cellular Phone/Bluetooth enabled
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RF-section

Items		
Cellular Phone	Technical Specification	3GPP2 Release A Release 0 operates in USA.
	Frequency Band	CDMA2000 Band Class0 BandSubclass0/1(800MHz cellular band) : TX : 824.7MHz (1013ch) — 848.37MHz (779ch) RX : 869.7MHz (1013ch) — 893.37MHz (779ch) CDMA2000 Band Class0 BandSubclass2(800MHz cellular band)(Japan) : TX : 824.76MHz — 829.23MHz RX : 869.76MHz — 874.23MHz CDMA2000 Band Class3 (JTACS band) (Japan) : TX : 898.75MHz — 900.25MHz 915.75MHz — 924.25MHz RX : 843.75MHz — 845.25MHz 860.75MHz — 869.25MHz CDMA2000 Band Class6 (IMT-2000) (Japan) : TX : 1925.75MHz — 1939.25MHz RX : 2115.75MHz — 2129.25MHz NOTE: Band Class0 BandSubclass2 , Band Class 3 and 6 do not operate in USA
	Tx Power	CDMA2000 (Band Class0 BandSubclass0/1) : 24.0dBm+1dB/-1dB CDMA2000 (Band Class0 BandSubclass2) : 24.7dBm+1dB/-1dB CDMA2000 (Band Class3) : 24.7dBm+1dB/-1dB CDMA2000 (Band Class6) : 22.5dBm+1dB/-1dB NOTE: Band Class0 BandSubclass2 , 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	C-MOS 3 Mega pixel
	Battery/ Talk time		
		Capacity	810mAh (3.0Wh)
		Battery type	Rechargeable Lithium-Ion Battery
		standby time	250hrs
		talk time	230min
	Dimensions		
		Target size	51.4(W) x 98.3(D) x 14.8(H)mm
	Target weight	108g	
Key Layout		Touch screen interface (On display) Joy-stick key , Decision key ,Power/Off hook key ,Clear/Manner key ,	

Interface

External I/F	Headset connector	No (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	No (Common with MCPC connector)

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 810mAh (3.0Wh)
	Stereo Handsfree(Headset)	Optional accessories
	USB data cable	Optional accessories L=800mm typ.