

Product Type:VATSA and PointRed  
Modem Serial No:

Customer :

No.	Category	Function	Test Procedure/ Checking details	Pass Criteria	Remarks
1	Power	Power ON/OFF	Power up and off rapidly for 5 times	- Successfully start up in every attempt	
2	Auto – MDIX	Auto-MDIX	Connect to the Unit through straight and cross cable	- Able to function with straight and cross Ethernet cables	
3	Ethernet Speed	10/100 BaseT connection speed	Configure the connection speed to 10 or 100 baseT	- Good connection for both 10 and 100 baseT	
4	LED Check(for integretd modem)	RF Link ( Green )	Change rate to below 12Mbps ( Client only )	-RF Link LED blink when link to AP at data rate 12Mbps or below	
			Change rate to above 12Mbps ( Client only )	-RF Link LED stay solid when link to AP with data rate above 12Mbps	
		Power ON ( Orange )	Insert power to unit and check Power LED ON	-Orange LED solid On when apply power	
2	Default Condition Check ( After Factory Reboot )		Check : IP Mode	-Static IP Mode	
			Check : IP Address	-192.168.1.20	
			Check :Subnet Mask	-255.255.255.0	
			Check : SSID	-PointRed	
			Check : Wireless Mode	-11g	
			Check : Radio Frequency	-[Channel Determined by Smart Select Mode] = 2432MHz( CH5 )	
			Check : Operation Mode	-Access Point	
			Check : Security Method	-None	
3	Status		System Summary	- Shows the system configuration and settings.	
			Site Survey	- Scan for 2.4GHz Wireless LAN device in the surrounding.	
			Statistics	- Display a Table of the AP or Client data.	
	Authetication		User name	- Change successful (admin -> fwtest )	
			User Password	- Change successful (admin -> fwtest )	
		AP Address Settings	IP Address change	- Change IP address successful : 192.168.1.20 --> 192.168.1.200	
		( Static IP mode ONLY )	Subnet Mask change	- Change Subnet Mask successful : 255.255.255.0	
			Gateway Address Setting	- Set Gateway Address :	
5	Wireless Setup	Basic Settings	Access Point	- Able to select Access Point mode.	
			Ethernet Bridge	- Able to select Ethernet Bridge mode.	
			SSID	- Can Change SSID : 11g - > fwtest	
			Wireless Mode ( 802.11b / 11g / 11g Turbo Dynamic )	- Can change to 11b / 11g / 11g turbo dynamic	
				- Can surf Internet	
			Radio Channels	- Able to change from Channel 1 to Channel 11, and smart select	
			WDS mode		
			- WDS Enable	-Able to support more than 1 PCs behind a switch	
			- WDS Disable	-Able to support only 1PC	
- WDS Disable ( Multiple PC Supported )	- Able to support more than 1PC				

		Advance Settings	Data Rate (Mbps)	- Able to select data rate	
			Transmit power	- Able to select transmit power	
			Antenna Diversity	- Able to key in the beacon interval	
			Fragment Length( 256 ~ 2345 )	- Able to key in Data beacon rate	
			RTS/CTS Threshold ( 256 ~ 2346 )	- Able to key in RTS/CTS threshold	
6	Mac Address Control		MAC address control	- Able to enable and disable MAC address filtering	
			MAC address	- Able to key in the MAC address	
			MAC address list	- Able to insert new MAC address into the MAC address list.	
7	System Setup	Backup / Restore Settings	Save as backup setting	- Able to save a backup file call : apcfg to any specified location. - All settings restored.	
			Restore Setting from a backup file	- Able to load the apcfg file back to AP/Client when restored. - All settings restored except IP address.	
			Restore Factory Default Setting	- Able to revert back factory setting from the restore to default setting function in the GUI	
8		Firmware Upload		-Able to load the firmware from Web Configuration Page	
		Reboot		- Able to reboot the AP / Client from Web Configuration Page	

