

Operational Description

This device is a SURFboard Voice Gateway, the maximum data rate could be up to 54Mbps which OFDM technique will be applied. If the signal to noise ratio is too poor which could not support 54Mbps, the 11Mbps data rate with CCK technique will be applied.

The transmitter of EUT (SURFboard Voice Gateway) is powered by Power adapter or battery. The antennas type used in this product are as below.

No.	Antenna Type	Gain (dBi)	Cable Loss (dB)	Net Gain (dB)	Cable Length (cm)	Connector	Note
1	Dipole	2	0.95	1.05	164	Reversed SMA	Main antenna
2	Dipole	2	1.17	0.83	257	Reversed SMA	Auxiliary antenna

The other instruction, please have a look at the users manual.