



FCC ID: OS30PU01

Operational Description

This device is a 802.11bgn WLAN Wireless Router,which operates in 2.412-2462Ghz Band;the maximum data rate could be up to 150Mbps which OFDM technique.if the signal to noise radio is too poor which could not support 150Mbps,the 11Mbps data rate with DSSS technique will be applied.

The transmitter of the EUT is powered by Adapter(DC5V1.2A) or powered by usb port , The 1dbi antenna is pcb antenna

For more detailed institutions , please take a look at the Block Diagram and user manual.

EUT General Description

EUT	OPU
MODEL NO.	OPU1120
POWER SUPPLY	5Vdc (adapter)
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	DSSS, OFDM
TRANSFER RATE	802.11b:11.0/ 5.5/ 2.0/ 1.0Mbps 802.11g: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0Mbps 802.11n: up to 150.0Mbps
OPERATING FREQUENCY	2412 ~ 2462MHz
NUMBER OF CHANNEL	11 for 802.11b, 802.11g, 802.11n (20MHz) 7 for 802.11n (40MHz)
OUTPUT POWER	123.59mW
ANTENNA TYPE	PCB antenna with 1dBi gain
ANTENNA CONNECTOR	N/A
DATA CABLE	0.6m shielded USB cable without core
I/O PORTS	Refer to user's manual
ACCESSORY DEVICES	Adapter