

# Operational Description

The device is a LTE gateway which supports Wi-Fi and WWAN function. WiFi function operates at 2.4 and 5GHz bands and supports 802.11 a / b / g / n / ac modes. This gateway provides simple way to use internet connection ( 3G or LTE) with any Wi-Fi enabled device, and share internet connection with friends and family

RF main chip                      QCA9880  
 Frequency range (MHz)        2412~2462 / 5180~5240 / 5745~5825  
 Modulation type                DBPSK, DQPSK, CCK  
     BPSK, QPSK, 16QAM, 64QAM,256QAM  
 Oscillating frequency (MHz) 40  
 Antenna type                    PCB Dipole

Channel frequency

Mode	Channel	Frequency(MHz)	Mode	Channel	Frequency(MHz)
	1	2412		36	5180
	2	2417		40	5200
	3	2422		44	5220
	4	2427	11a	48	5240
11b	5	2432	HT20	149	5745
11g	6	2437	VHT20	153	5765
HT20	7	2442		157	5785
	8	2447		161	5805
	9	2452		165	5825
	10	2457		38	5190
	11	2462	HT40	46	5230
	3	2422	VHT40	151	5755
	4	2427		159	5795
	5	2432		42	5210
HT40	6	2437	VHT80	155	5775
	7	2442			
	8	2447			
	9	2452			