

# Operational Description

FCC ID : H4ISMPJA  
IC : 4491C-SMPJA

The device is a Wireless Adapter which operates at 2.4 and 5GHz band and supports 11a/b/g/HT20/HT40 mode. A WPS button is embed to link up with other device easily. RF main chip is RTL8192DU

RF main chip                                   RTL8192DU  
Oscillating frequency                       40 MHz  
Antenna type                                   PCB  
Operating frequency range                 2412~2462 MHz  
   5180~5240 MHz  
   5260~5320 MHz  
   5500~5700 MHz  
   5745~5825 MHz  
Modulation type                             DBPSK, DQPSK, CCK  
   BPSK, QPSK, 16QAM, 64QAM,256QAM  
Working voltage                              5Vdc

Channel frequency of 2.4GHz band

Mode	Channel	Frequency (MHz)
11b/g/HT20	1	2412
	2	2417
	3	2422
	4	2427
	5	2432
	6	2437
	7	2442
	8	2447
	9	2452
	10	2457
	11	2462

Mode	Channel	Frequency (MHz)
HT40	3	2422
	4	2427
	5	2432
	6	2437
	7	2442
	8	2447
	9	2452

# Operational Description

Channel frequency of 5GHz band

Mode	Channel	Frequency (MHz)
11a HT20	36	5180
	40	5200
	44	5220
	48	5240
	52	5260
	56	5280
	60	5300
	64	5320
	100	5500
	104	5520
	108	5540
	112	5560
	116	5580
	132	5660
	136	5680
	140	5700
	149	5745
	153	5765
	157	5785
	161	5805
165	5825	

Mode	Channel	Frequency (MHz)
HT40	38	5190
	46	5230
	54	5270
	62	5310
	102	5510
	110	5550
	134	5670
	151	5755
	159	5795