

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