

RF EXPOSURE REPORT
for
Shenzhen Xiaojing Technology Co., LTD

Model Number: PlimPal

FCC ID: **2A5HN-PLIMPAL**

Prepared for : Shenzhen Xiaojing Technology Co., LTD
702, Bldg C, Phase 2, Zhuoyue Baozhong Times Sq, 15-3 Haitian Rd,
Address : N23 Haibin Community, Xin'an, Bao'an, Shenzhen, China 518101

Prepared by : MAXLAB Testing Co.,Ltd.
1/F, Building B, Xinshidai GR Park,Shiyan Street, Bao'an District,
Address : Shenzhen,Guangdong, 518052, People' s Republic of China

1. RF EXPOSURE EVALUATION

Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V06, FCC 47CFR § 2.1093 the following RF exposure evaluation shall to demonstrate RF exposure compliance.

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance,mm)]

* [$\sqrt{f(\text{GHz})}$]

2412-2462MHz

	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Conducted Output Power (mW)	Antenna Gain (dBi)	Separation distance mm	RF exposure
802.11b	7±1.0	8	6.31	1.28(1.343dBi)	5	1.959
802.11g	7±1.0	8	6.31	1.28(1.343dBi)	5	1.959
802.11n 20MHz	7±1.0	8	6.31	1.28(1.343dBi)	5	1.959
802.11n 40MHz	7±1.0	8	6.31	1.28(1.343dBi)	5	1.964

5180-5240MHz

	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Conducted Output Power (mW)	Antenna Gain (dBi)	Separation distance mm	RF exposure
802.11a	7±1.0	8	6.31	1.26(1.337dBi)	5	2.872
802.11n 20MHz	7±1.0	8	6.31	1.26(1.337dBi)	5	2.872
802.11n 40MHz	7±1.0	8	6.31	1.26(1.337dBi)	5	2.875
802.11ac 20MHz	7±1.0	8	6.31	1.26(1.337dBi)	5	2.872
802.11ac 40MHz	7±1.0	8	6.31	1.26(1.337dBi)	5	2.875
802.11ac 80MHz	7±1.0	8	6.31	1.26(1.337dBi)	5	2.886

Note: 2.4G WIFI, 5G WIFI can't support simultaneously transmission.
The Max RF exposure is 2.886.

Threshold at which no SAR required is ≤ 3.0 for 1-g SAR, Separation distance is 5mm.

Conclusion:

So no SAR is required.