

RF EXPOSURE REPORT
for
Shenzhen Ogemray Technology Co.,Ltd

Model Number: **GWF-4B06**

FCC ID: **YWTWF5572N4B**

Prepared for : Shenzhen Ogemray Technology Co.,Ltd
3F-4F,Plant 5,Dongwu Industrial Area,North of Donghuan 1st Road,
Address : Longhua office, Longhua New District, Shenzhen , Guangdong, China

Prepared by : Shenzhen BCTC Technology Co., Ltd.
Address : No.101,Yousong Road, Longhua New District,
Shenzhen,China

1. RF EXPOSURE EVALUATION

Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V05, 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)]

* [√ f(GHz)]

2.4G

	Antenna port	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Conducted Output Power (mW)	Antenna Gain (dBi)	Separation distance mm	RF exposure	Total RF exposure
802.11b	ANT1	1±1.0	2	1.58	1.58(2.0dBi)	5	0.78	1.56
	ANT2	1±1.0	2	1.58	1.58(2.0dBi)		0.78	
802.11g	ANT1	0±1.0	1	1.26	1.58(2.0dBi)	5	0.62	1.24
	ANT2	0±1.0	1	1.26	1.58(2.0dBi)		0.62	
802.11n 20MHz	ANT1	0±1.0	1	1.26	1.58(2.0dBi)	5	0.62	1.24
	ANT2	0±1.0	1	1.26	1.58(2.0dBi)		0.62	
802.11n 40MHz	ANT1	0±1.0	1	1.26	1.58(2.0dBi)	5	0.62	1.24
	ANT2	0±1.0	1	1.26	1.58(2.0dBi)		0.62	

5G

	Antenna port	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Conducted Output Power (mW)	Antenna Gain (dBi)	Separation distance mm	RF exposure	Total RF exposure
802.11a	ANT1	-6±1.0	-5	0.32	1.58(2.0dBi)	5	0.23	0.46
	ANT2	-6±1.0	-5	0.32	1.58(2.0dBi)		0.23	
802.11n 20MHz	ANT1	-6±1.0	-5	0.32	1.58(2.0dBi)	5	0.23	0.46
	ANT2	-6±1.0	-5	0.32	1.58(2.0dBi)		0.23	
802.11n 40MHz	ANT1	-6±1.0	-5	0.32	1.58(2.0dBi)	5	0.23	0.42
	ANT2	-7±1.0	-6	0.25	1.58(2.0dBi)		0.19	

The Max RF exposure is 1.56.

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

Conclusion:

So no SAR is required.