RF Exposure Evaluation

FCC ID: CG9-MB706C

1. Client Information

Applicant	:	VG Media Co., Ltd.
Address	:	East 5F, Blk E, Wenbing Gas Station, Xixiang Road, Baoan 74 District, Shenzhen, China
Manufacturer	:	VG Media Co., Ltd.
Address	:	East 5F, Blk E, Wenbing Gas Station, Xixiang Road, Baoan 74 District, Shenzhen, China

2. General Description of EUT

EUT Name	:	Tablet PC	
Models No.	:	MB706C	
Model Difference	:	N/A	
Product Description	:	Operation Frequency: 2412MHz~2462MHz	
		Number of Channel:	11 Channels see note (2)
		Out Power	802.11b: 12.86 dBm 802.11g: 11.88 dBm 802.11n (20M): 11.20 dBm
		Antenna Gain:	0 dBi Embedded Antenna
		Modulation Type:	802.11b: CCK, QPSK, BPSK 802.11g: OFDM 802.11n (20M): OFDM
		Bit Rate of Transmitter:	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n:up to 150Mbps
Power Supply	:	DC Voltage supplied from AC/DC adapter DC Voltage supplied from Li-Polymer battery	
Power Rating	:	AC Adapter: Input: 100~240V 50/60Hz 0.4A Output: 5V 1.5A DC 3.7V 2000mAh from Li-Polymer battery	

More information about the equipment, please refer to the User Manual.

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MPE Calculations

1. **No Evaluation required if power is below**
   （60/f(GHz) mW） where f is the transmit frequency of the EUT.

2. **Calculation:**
   EIRP= P+G
   Where P=Conducted Output Power (dBm)
   G=Power Gain of the Antenna (dBi)

   So

Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
802.11b	12.86	0	12.86	19.319
802.11g	11.88	0	11.88	15.417
802.11n(20M)	11.20	0	11.20	13.182

3. **Conclusion:**

No SAR Evaluation required since Transmitter EIRP is bellow FCC threshold.

Note

For a more detailed features description, please refer to the RF Test Report.