

5. Test Results

5.1 The maximum Gain measured in Fully Anechoic Chamber

Band	antenna gain (dBi)	nemeric
WLAN	2.1 dBi	1.62 (numeric)

5.2 Output Power into Antenna & Power Density (1mW/cm2) :

MODE: WLAN 802.11b

Channel	Channel Frequency (MHz)	Output Power to Antenna (mW)	Power Density (mW/cm ²)
First ch	2412.0	3.5	0.0011
Middle ch	2442.0	3.8	0.0012
Last ch	2462.0	3.1	0.0010

MODE: WLAN

0.0012(mW/cm²) < 1.0 (mW/cm²)