



## WipAir X000 4.9 GHz Description for FCC ID QQ2-WA6049

WipAir X 000-4.9 GHz is WaveIP's wireless point-to-point and point to multi point broadband wireless communication system. The system uses dual or single radio channels, (defined by software) in the 5GHz bands, utilizing 5, 10, 20 MHz channels, OFDM modulation, and TDD Spectrum Management.

The total conducted output power is up to 1Watt (sum of both channels), with dynamic range of ~ 45 dB.

WipAir-3000 uses single RF channel (SISO)

WipAir-6000 uses two RF ports (MIMO), hence WipAir-6000 was tested.

### **EUT Technical characteristics**

Transmitter characteristics		Notes
Assigned frequency	4940-4990MHZ	
Operating Frequency range	4942.5-4987.5MHZ	5MHz Channel
	4945-4985MHZ	10MHz Channel
	4950-4980MHZ	20MHz Channel
Antenna Ports	TNC	For detached option only
Modulations type	QPSK, 4QAM, 16QAM, 64QAM	
Multiplexing type	OFDM	
Modulating Test Signal	PRBS	



WaveIP Ltd. ; Teradion Industrial Park ; Misgav 20179, Israel  
Tel: 972-4-902-7000 ; Fax: 972-4-999-0324 web: [www.waveip.com](http://www.waveip.com)