



## **WipAir 6000/3000 Description for FCC ID QQ2-WA605X**

**WipAir 6000** is WaveIP's wireless point-to-point and point to multi point broadband wireless communication system. The system uses dual radio channels in the 5GHz bands, utilizing 5,10,20,40 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** is WaveIP's wireless point-to-point and point to multi point broadband wireless communication system. The system uses only one radio channel in the 5GHz bands, utilizing 5,10,20,40 MHz channels, OFDM modulation, and TDD Spectrum Management. The total conducted output power is up to 0.5Watt, with dynamic range of 45 dB.

### **Antennas used during tests:**

Type	MFG	MODLE	GAIN
Flat panel, dual polarization, integrated	MTI	MT-485048/CVH/A	23
Dish dual polarization, detached	KBT	DP-5X-285D-005	28.5

### **EUT Technical characteristics**

Transmitter characteristics		Notes
Assigned frequency	5725-5850MHZ	
Operating Frequency range	5730-5845MHZ	5MHz Channel
	5735-5840MHZ	10MHz Channel
	5735-5840MHZ	20MHz Channel
	5745-5830MHZ	40MHz Channel
Antenna Ports	TNC	For detached option only
Modulations type	QPSK, 4QAM, 16QAM, 64QAM	
Multiplexing type	OFDM	
Modulating Test Signal	PRBS	

