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Worldwide Regulatory Approvals Experts

Federal Communication Commission
445 12th Street, SW
Washington, DC 20554

Date: June 28, 2006

RE: Class II Permissive Change for FCC ID: RTP55010016-5

To The Commission:

Colubris Networks is requesting a class II permissive change to CM9 radio operating under FCC ID: RTP55010016-5. Class II permissive change is requested because Colubris Networks intends to add new antennas the CM9 radios. Furthermore, CM9 GP is similar to CM9 with the exception that CM9 GP has RoHS compliant S1, the main auxiliary antenna switch.

Antenna model numbers, frequency of operation and gain information is given below:

Antenna Manufacturer	MN	Gain		Frequency	Polarization
Centurion	NanoBlade	2.8dBi	2.4-2.5GHz	2.4 2.5GHz	Vertical, Omni directional
		3.9dBi	5.15-5.35GHz	4.9 – 6GHz	
		4dBi	5.6GHz		
Cushcraft	SL24513P12SMF	3dBi (nominal)		2.4 2.5GHz 5.15 – 5.35GHz	Linear, Omnidirectional



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Radiated emissions testing has been completed with new antennas and results are provided in the test report.

Compliance is subjected to the following limitation:

NanoBlade Antenna:

1. 5.15 – 5.35GHz band is for indoor operation.
2. CH165 at 5.825 can not be used.

SL24513P12SMF Antenna:

1. At CH1, 2412MHz power must be set at 15dBm in the software.
2. 5.15 – 5.35GHz band is for indoor operation.
3. CH165 at 5.825GHz can not be used.

Should you have any questions or concerns, please feel free to contact me.



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