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American TCB, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

Re: FCCID: SQD-WCAP6220APU & IC:5340A-6220APU

Dear Sir or Madam:

This is the FCC Part 15 and Industry Canada RSS-210 MPE report for the MTI Co. WLAN 6220 Access Point Unit.

Test Specification
The system was tested to the limits of the following requirement:

Table 1: RF Exposure Requirement

Requirement	Part / Section
FCC Part 1	1.1310
RSS-210	14.

RSS-210 makes reference to the RSS-102 requirements.

Limits
The specification levels are listed in Table 2.

Table 2: RF Exposure Limit

Frequency Range (MHz)	FCC and RSS 102 General Exposure Limit (mW/cm^2)
2412 to 2462	1.0

RF Exposure Evaluation
Table 3 and Table 4 demonstrate the results of RF exposure calculations:

Table 3: EIRP Calculations

Peak Power (W)	Antenna gain			EIRP (W)		
	NTA2412 antenna	NTA2407 antenna	NTA2400 antenna	NTA2412 antenna	NTA2407 antenna	NTA2400 antenna
0.0174 (12.3 dBm)	31.6 (15 dBi)	7.9 (9 dBi)	5 (7 dBi)	0.54 (27.3 dBm)	0.13 (21.3 dBm)	0.09 (19.3 dBm)

Table 4: RF Exposure Evaluation

Power Density at 20 cm (mW/cm^2)			FCC and Indsutry Canada RF Exposure limit (mW/cm^2)
NTA2412 antenna	NTA2407 antenna	NTA2400 antenna	
0.11	0.026	0.018	1

The power density was calculated using the following equation.
$S = (P \times G) / (4 \times \pi \times R^2)$

where: S = power density (in appropriate units, e.g. mW/cm^2)
P = power input to the antenna (in appropriate units, e.g., mW)
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Evaluation Conclusion and Attestation
The MTI Co. WLAN 6220 Access Point Unit meets the FCC Part 15 and Industry Canada RSS 102 maximum permissible requirements.

Please call me or write if you have any questions or comments.

Regards,

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Solectron Technical Centre