1.1. Test Result of RF Exposure Evaluation

. Product: MAP-EVO2-HD

. Test Item: RF Exposure Evaluation Data

. Test site: OATSI-SD

. Test Mode: Normal Operation

1.1.1. Antenna Gain

ANT R: Dipole antenna, 1.9 dBi
ANT L: Dipole antenna, 1.9 dBi

1.1.2. EUT Operation condition

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

1.1.3. Output Power into Antenna & RF Exposure Evaluation Distance

Test Date: Dec. 06, 2011 Temperature: 25℃

Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Output Power to Antenna (dBm)			Power Density (S) (mW/cm^2)		
			ANT R	ANT L	R+L	ANT R	ANT L	R+L
802.11b (11Mbps)	01	2403	14.09	14.04	17.08	0.008	0.008	0.016
	06	2438	14.14	14.23	17.20	0.008	0.008	0.016
	11	2478	13.65	14.11	16.90	0.007	0.008	0.015
802.11g (54Mbps)	01	2412	12.86	13.14	16.01	0.006	0.006	0.012
	06	2437	13.15	12.91	16.04	0.006	0.006	0.012
	11	2462	12.94	13.15	16.06	0.006	0.006	0.012

Modulation Standard	Channel	Frequency (MHz)	Output Power to Antenna (dBm)			Power Density (S) (mW/cm^2)		
			ANT R	ANT L	R+L	ANT R	ANT L	R+L
802.11n HT20 (130Mbps)	01	2412	14.09	14.04	17.08	0.008	0.008	0.016
	06	2437	14.14	14.23	17.20	0.008	0.008	0.016
	11	2462	13.65	14.11	16.90	0.007	0.008	0.015
802.11n HT40 (270Mbps)	03	2422	12.86	13.14	16.01	0.006	0.006	0.012
	06	2437	13.15	12.91	16.04	0.006	0.006	0.012
	09	2452	12.94	13.15	16.06	0.006	0.006	0.012

The MPE is calculated as 0.016mW / cm^2 < limit 1 mW / cm^2. So, RF exposure limit warning or SAR test are not required.

For 2403-2478 MHz, the EUT will only be used with a separation of 20cm or greater between the antenna and nearby persons and can therefore be considered a mobile transmitter per 47CFR2.1091 (b).

The RF Exposure Information page from the manual is included here for reference.