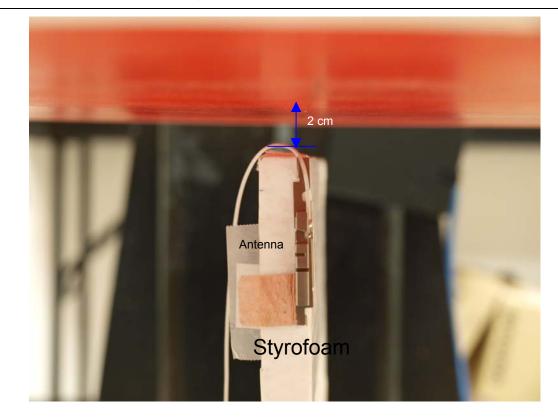
REPORT NO: 10U13575-1 DATE: March 4, 2011 FCC ID: PPD-AR5B125 IC: 4104A-AR5B125

# 12. SUMMARY OF SAR TEST RESULTS

# 12.1. Antenna Vertical Up



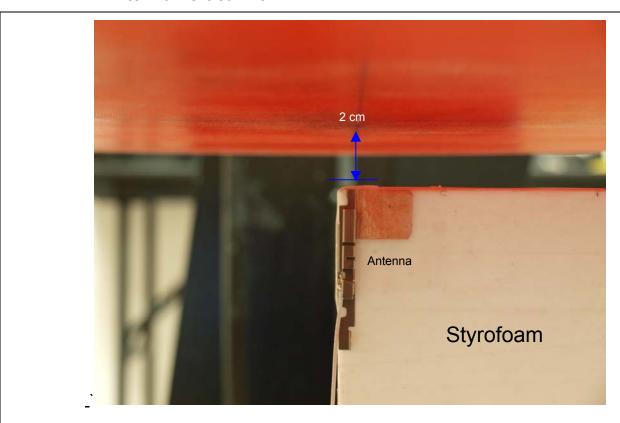
#### **Test result**

Mode	Channel	f (MHz)	Avg Pwr	Results (mW/g)	
			(dBm)	1g-SAR	10g-SAR
802.11b (1x1)	1	2412	16.4		
	6	2437	18.2	0.091	0.066
	11	2462	18.0		

## Notes:

- 1. SAR tested on the highest output power channel.
- 2. According to KDB 248227, SAR is not required for 802.11g/HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11b channels.

## 12.2. Antenna Vertical Down



## Test result

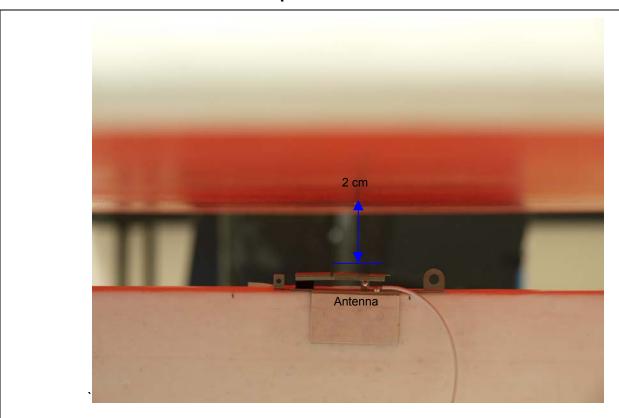
Mode	Channel	f (MHz)	Avg Pwr	Results (mW/g)	
			(dBm)	1g-SAR	10g-SAR
802.11b (1x1)	1	2412	16.4		
	6	2437	18.2	0.074	0.054
	11	2462	18.0		

## Notes:

- 1. SAR tested on the highest output power channel.
- 2. This module is not capable of single antnena transmitting mode in either b/g/H20/H40
- 3. According to KDB 248227. SAR is not required for 802.11g/HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11b channels.

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# 12.3. Antenna Horizontal Up



# Test result

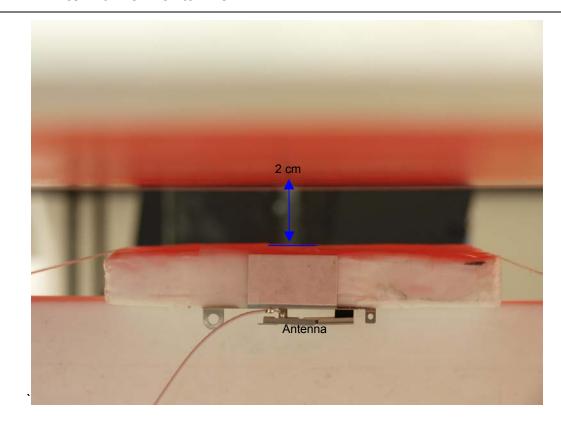
Mode	Channel	f (MHz)	Avg Pwr	Results (mW/g)	
			(dBm)	1g-SAR	10g-SAR
802.11b (1x1)	1	2412	16.4		
	6	2437	18.2	0.291	0.171
	11	2462	18.0		

### Notes:

- 1. SAR tested on the highest output power channel.
- 2. This module is not capable of single antnena transmitting mode in either b/g/H20/H40
- 3. According to KDB 248227. SAR is not required for 802.11g/HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11b channels.

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## 12.4. Antenna Horizontal Down



## Test result

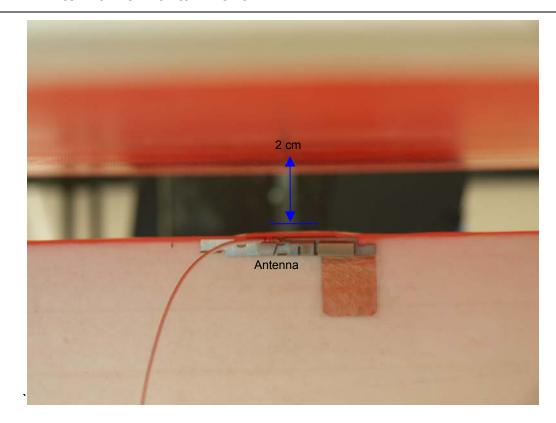
Mode	Channel	f (MHz)	Avg Pwr	Results (mW/g)	
			(dBm)	1g-SAR	10g-SAR
802.11b (1x1)	1	2412	16.4		
	6	2437	18.2	0.082	0.056
	11	2462	18.0		

## Notes:

- 1. SAR tested on the highest output power channel.
- 2. This module is not capable of single antnena transmitting mode in either b/g/H20/H40
- 3. According to KDB 248227. SAR is not required for 802.11g/HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11b channels.

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## 12.5. Antenna Horizontal Front



## **Test result**

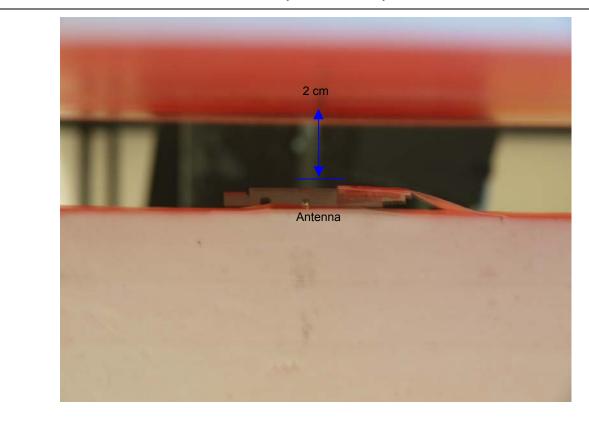
Mode	Channel	f (MHz)	Avg Pwr	Results (mW/g)	
			(dBm)	1g-SAR	10g-SAR
802.11b (1x1)	1	2412	16.4		
	6	2437	18.2	0.219	0.129
	11	2462	18.0		

# Notes:

- 1. SAR tested on the highest output power channel.
- 2. This module is not capable of single antnena transmitting mode in either b/g/H20/H40
- 3. According to KDB 248227. SAR is not required for 802.11g/HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11b channels.

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# 12.6. Antenna Horizontal Back (Worst case)



## **Test result**

Mode	Channel	f (MHz)	Avg Pwr	Results (mW/g)	
			(dBm)	1g-SAR	10g-SAR
802.11b (1x1)	1	2412	16.4		
	6	2437	18.2	0.377	0.230
	11	2462	18.0		

## Notes:

- 1. SAR tested on the highest output power channel.
- 2. This module is not capable of single antnena transmitting mode in either b/g/H20/H40
- 3. According to KDB 248227. SAR is not required for 802.11g/HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11b channels.