





	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	9		m
10	48.430	34.36	-5.64	40.00	54.30	10.79	1.10	31.83	Peak	HORIZONTAL	3
2 @	101.780	36.96	-6.54	43.50	55.81	11.37	1.50	31.71	Peak	HORI ZONTAL	3
3 @	176.470	39.52	-3.98	43.50	59.25	9.89	2.00	31.62	Peak	HORI ZONTAL	3
4 @	211.390	40.64	-2.86	43.50	59.55	10.45	2.06	31.42	Peak	HORIZONTAL	3
5 @	327.790	42.59	-3.41	46.00	56.54	15.02	2.31	31.28	Peak	HORI ZONTAL	3
6 0	439.340	40.22	-5.79	46.00	50.80	17.50	2.86	30.94	Peak	HORI ZONTAL	3

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 157 / Ant. 2



	Freq	Level	Over Limit	Limit Line	Readi Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		**	. <u> </u>
10	38.730	38.43	-1.57	40.00	54.29	14.74	1.15	31.75	QP	VERTICAL	3
2 @	44.550	38.70	-1.30	40.00	57.43	11.92	1.10	31.75	QP	VERTICAL	3
3 @	52.310	39.09	-0.91	40.00	60.08	9.63	1.17	31.78	QP	VERTICAL	3
4 @	66.860	36.75	-3.25	40.00	60.39	6.78	1.40	31.82	Peak	VERTICAL	3
5 @	214.300	40.63	-2.87	43.50	59.31	10.66	2.08	31.41	QP	VERTICAL	3
6 0	238.550	40.13	-5.87	46.00	56.79	12.42	2.28	31.37	Peak	VERTICAL	3







			Over	Limit	Read	Antenna	Cable	Preamp			
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pol/Phase	Distance
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-		m
10	39.700	36.10	-3.90	40.00	52.36	14.41	1.10	31.77	Peak	HORIZONTAL	3
2 @	75.590	34.97	-5.03	40.00	57.82	7.40	1.30	31.55	Peak	HORI ZONTAL	3
3 @	94.020	36.14	-7.36	43.50	56.25	10.13	1.47	31.72	Peak	HORI ZONTAL	3
4 @	191.990	37.56	-5.94	43.50	57.49	9.66	1.93	31.52	Peak	HORIZONTAL	3
5 @	327.790	41.35	-4.65	46.00	55.30	15.02	2.31	31.28	Peak	HORI ZONTAL	3
6 @	374.350	35.35	-10.65	46.00	47.18	16.76	2.55	31.14	Peak	HORI ZONTAL	3
6 @	374.350	35.35	-10.65	46.00	47.18	16.76	Z.55	31.14	Peak	HURLZONTAL	

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11g Channel 6 / Ant. 3





	Freq	Level	Over Limit	LimitA Line	intenna Factor	Cable Loss	Preamp Factor	Read Level 1	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	đB	dB	dBuV		cm	deg
1 !	40.670	38.03	-1.97	40.00	11.90	0.54	29.81	55.40 (	QP		
2 1	59.100	36.39	-3.61	40.00	5.45	0.65	29.86	60.15 (	QP	-	
3 !	67.830	36.08	-3.92	40.00	5.20	0.68	29.90	60.10	Peak		
4	94.020	32.82	-10.68	43.50	9.60	0.79	30.11	52.54 1	Peak		
5	101.780	32.17	-11.33	43.50	10.76	0.81	30.09	50.69 1	Peak		
6	548.950	34.58	-11.42	46.00	18.28	1.87	30.63	45.06 1	Peak		







	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	đ		deg
1 !	67.830	36.25	-3.75	40.00	5.20	0.68	29.90	60.27	QP		
2 1	75.590	35.90	-4.10	40.00	6.20	0.70	29.97	58.97	Peak		
3	94.020	36.26	-7.24	43.50	9.60	0.79	30.11	55.98	Peak		
4	101.780	36.07	-7.43	43.50	10.76	0.81	30.09	54.59	Peak		
5	110.510	35.37	-8.13	43.50	11.50	0.84	30.07	53.09	Peak		
6	548.950	38.72	-7.28	46.00	18.28	1.87	30.63	49.19	Peak		

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 157 / Ant. 3

Vertical



	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	g <del></del>	cm	deg
1!	40.670	38.74	-1.26	40.00	11.90	0.54	29.81	56.11	QP		
2 1	59.100	36.98	-3.02	40.00	5.45	0.65	29.86	60.74	Peak		
3 1	67.830	36.19	-3.81	40.00	5.20	0.68	29.90	60.21	Peak		
4	94.020	32.80	-10.70	43.50	9.60	0.79	30.11	52.52	Peak		
5	548.950	34.74	-11.26	46.00	18.28	1.87	30.63	45.22	Peak		
6	770.110	32.51	-13.49	46.00	19.92	2.19	30.09	40.48	Peak	<b>8168</b>	-







	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	Mtz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	d.		deg
1 !	67.830	36.30	-3.70	40.00	5.20	0.68	29.90	60.32	QP		
2 1	75.590	35.24	-4.76	40.00	6.20	0.70	29.97	58.30	Peak		
3	94.020	36.69	-6.81	43.50	9.60	0.79	30.11	56.41	Peak		
4	102.750	35.68	-7.82	43.50	10.89	0.81	30.08	54.06	Peak		
5	327.790	34.90	-11.10	46.00	13.82	1.43	30.48	50.13	Peak		
6	548.950	38.64	-7.36	46.00	18.28	1.87	30.63	49.12	Peak	लजन-	

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .









	Freq	Level	Over Limit	Limit) Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBu∀		cm	deg
1!	32.910	35.71	-4.29	40.00	16.45	0.49	29.78	48.56	Peak		
2 1	48.430	38.09	-1.91	40.00	8.50	0.59	29.83	58.83	QP		
3 1	59.100	36.60	-3.40	40.00	5.45	0.65	29.86	60.36	Peak		
4	75.590	31.18	-8.82	40.00	6.20	0.70	29.97	54.24	Peak		
5	548.950	31.97	-14.03	46.00	18.28	1.87	30.63	42.45	Peak		
6	770.110	32.00	-14.00	46.00	19.92	2.19	30.09	39.98	Peak		





## $97 \\ Level (dBuV/m) \\ \hline \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 224. \\ 418. \\ Crequency (MHz) \\ \hline \\ 0 \\ Crequency (MHz) \\ \hline \\ 0 \\ Crequency (MHz) \\ \hline \\ Crequency \\ Crequency (MHz) \\ \hline \\ Creque$

	Freq	Level	Over Limit	Limit] Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	đ	cm	deg
1	101.780	33.24	-10.26	43.50	10.76	0.81	30.09	51.76	Peak		
2	110.510	31.55	-11.95	43.50	11.50	0.84	30.07	49.27	Peak		
3	327.790	34.68	-11.32	46.00	13.82	1.43	30.48	49.91	Peak		
4	439.340	34.48	-11.52	46.00	16.31	1.65	30.46	46.98	Peak		
5	520.820	32.82	-13.18	46.00	17.70	1.81	30.57	43.87	Peak		
6	548.950	39.30	-6.70	46.00	18.28	1.87	30.63	49.78	Peak		

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 157 / Ant. 4



	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	2	cm	deg
1 !	32.910	35.53	-4.47	40.00	16.45	0.49	29.78	48.37	Peak		
2 !	48.430	38.03	-1.97	40.00	8.50	0.59	29.83	58.77	QP		+++
3 1	59.100	36.69	-3.31	40.00	5.45	0.65	29.86	60.46	Peak		
4	75.590	31.58	-8.42	40.00	6.20	0.70	29.97	54.64	Peak		
5	548.950	31.72	-14.28	46.00	18.28	1.87	30.63	42.20	Peak		+++
6	770.110	32.02	-13.98	46.00	19.92	2.19	30.09	40.00	Peak		







	Freq	Level	Over Limit	LimitA Line	ntenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	2	cm	deg
1	101.780	33.12	-10.38	43.50	10.76	0.81	30.09	51.64	Peak		
2	110.510	31.78	-11.72	43.50	11.50	0.84	30.07	49.51	Peak		
3	327.790	35.05	-10.95	46.00	13.82	1.43	30.48	50.28	Peak		
4	439.340	34.94	-11.06	46.00	16.31	1.65	30.46	47.44	Peak		
5	520.820	33.59	-12.41	46.00	17.70	1.81	30.57	44.64	Peak		
6	548.950	39.25	-6.75	46.00	18.28	1.87	30.63	49.73	Peak		

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .





Vertical



	Freq	Level	Over Limit	LimitA Line	Intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4	cm	deg
10	48.430	37.36	-2.64	40.00	8.50	0.59	29.83	58.10	QP	***	
2 1	59.100	34.53	-5.47	40.00	5.45	0.65	29.86	58.29	Peak		
3	75.590	31.01	-8.99	40.00	6.20	0.70	29.97	54.08	Peak		+++
4	83.350	31.31	-8.69	40.00	7.40	0.73	29.97	53.14	Peak		
5	101.780	30.75	-12.75	43.50	10.76	0.81	30.09	49.27	Peak		+++
6	660.500	38.43	-7.57	46.00	18.90	2.05	30.34	47.83	Peak		





	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	e <del>r</del>	cm	deg
1	75.590	32.56	-7.44	40.00	6.20	0.70	29.97	55.63	Peak		
2	83.350	32.97	-7.03	40.00	7.40	0.73	29.97	54.80	Peak		
3	101.780	35.45	-8.05	43.50	10.76	0.81	30.09	53.96	Peak		
4	439.340	38.57	-7.43	46.00	16.31	1.65	30.46	51.07	Peak		
5 !	548.950	41.16	-4.84	46.00	18.28	1.87	30.63	51.63	Peak		
6	660.500	36.15	-9.85	46.00	18.90	2.05	30.34	45.55	Peak		

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 157 / Ant. 5



	Freq	Level	Over Limit	LimitA Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	đ		deg
1 1	32.910	35.00	-5.00	40.00	16.45	0.49	29.78	47.85	Peak		
2 1	48.430	36.42	-3.58	40.00	8.50	0.59	29.83	57.16	Peak		
3	59.100	33.27	-6.73	40.00	5.45	0.65	29.86	57.03	Peak		
4	75.590	31.53	-8.47	40.00	6.20	0.70	29.97	54.60	Peak		
5	83.350	31.29	-8.71	40.00	7.40	0.73	29.97	53.12	Peak		
6 !	660.500	40.31	-5.69	46.00	18.90	2.05	30.34	49.70	Peak		





	Freq	Level	Over Limit	Limit] Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	đ		deg
1	75.590	31.81	-8.19	40.00	6.20	0.70	29.97	54.87	Peak		
2	83.350	32.69	-7.31	40.00	7.40	0.73	29.97	54.52	Peak		
3	94.020	31.51	-11.99	43.50	9.60	0.79	30.11	51.23	Peak		
4	101.780	33.23	-10.27	43.50	10.76	0.81	30.09	51.75	Peak		
5	109.540	29.87	-13.63	43.50	11.50	0.84	30.07	47.60	Peak		
6 !	548.950	40.41	-5.59	46.00	18.28	1.87	30.63	50.89	Peak		

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11g Channel 6 / Ant. 6

Vertical



	Freq	Level	Over Limit	Limit Line	Readi Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	Mrz	dBuV/m	dB	dBuV/m	dBuV		dB	dB			. <u> </u>
10	31.940	38.76	-1.24	40.00	53.16	16.34	0.93	31.67	QP	VERTICAL	3
2 @	36.790	37.50	-2.50	40.00	52.60	15.41	1.20	31.72	QP	VERTICAL	3
3 @	42.610	37.15	-2.85	40.00	54.89	12.92	1.10	31.76	QP	VERTICAL	3
4	97.900	36.93	-6.57	43.50	56.32	10.84	1.50	31.73	Peak	VERTICAL	3
5	149.310	32.46	-11.04	43.50	50.47	11.63	1.90	31.54	Peak	VERTICAL	3
6	327.790	38.13	-7.87	46.00	52.07	15.02	2.31	31.28	Peak	VERTICAL	3







	Freq	Level	Over Limit	Limit Line	Readi Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBuV/m	dB	dBuV/m	dBuV		dB	dB	-		m
1.1	86.260	34 28	-5.72	40.00	55.60	8.89	1.45	31, 65	Peak	HORTZONTAL	3
2 1	94.020	38.83	-4.67	43.50	58.94	10.13	1.47	31.72	Peak	HORIZONTAL	3
3 @	101.780	39.25	-4.25	43.50	58.09	11.37	1.50	31.71	Peak	HORI ZONTAL	3
4	153.190	33.83	-9.67	43.50	51.98	11.48	1.90	31.53	Peak	HORI ZONTAL	3
5	439.340	33.86	-12.14	46.00	44.44	17.50	2.86	30.94	Peak	HORI ZONTAL	3
6	548.950	33.76	-12.24	46.00	43.35	17.95	3.20	30.75	Peak	HORIZONTAL	3

### Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 157 / Ant. 6



	Freq	Level	Over Limit	Limit Line	Readi Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			m	
10	31.940	39.67	-0.33	40.00	54.07	16.34	0.93	31.67	QP	VERTICAL	3	
2 @	36.790	38.54	-1.46	40.00	53.65	15.41	1.20	31.72	QP	VERTICAL	3	
3 1	48.430	35.29	-4.71	40.00	55.22	10.79	1.10	31.83	Peak	VERTICAL	3	
4	97.900	34.28	-9.22	43.50	53.68	10.84	1.50	31.73	Peak	VERTICAL	3	
5	149.310	32.04	-11.46	43.50	50.05	11.63	1.90	31.54	Peak	VERTICAL	3	
6	327.790	37.06	-8.94	46.00	51.01	15.02	2.31	31.28	Peak	VERTICAL	3	







	Freq	Level	Level	Level	Over Limit	Limit Line	Readi Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	Mrz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			m		
1!	86.260	34.52	-5.48	40.00	55.84	8.89	1.45	31.65	Peak	HORI ZONTAL	3		
2 !	94.990	38.15	-5.35	43.50	58.10	10.31	1.50	31.76	Peak	HORI ZONTAL	3		
3 @	101.780	39.16	-4.34	43.50	58.00	11.37	1.50	31.71	Peak	HORI ZONTAL	3		
4	148.340	34.24	-9.26	43.50	52.35	11.60	1.83	31.54	Peak	HORI ZONTAL	3		
5	548.950	33.04	-12.96	46.00	42.63	17.95	3.20	30.75	Peak	HORI ZONTAL	3		
6	660.500	29.99	-16.01	46.00	39.27	17.55	3.52	30.35	Peak	HORIZONTAL	3		

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .



## 4.5.9. Results for Radiated Emissions (1GHz $\sim$ 10<sup>th</sup> Harmonic)

Temperature	<b>24</b> °C		Humidity	63%					
Test Engineer	Leo Hung		Configurations	802.11b Char	802.11b Channel 1 / Ant.				
Vertical									
oz Leve	el (dBuV/m)		Date: 2006-04-10 Time: 23:29:0						
57									
		1							
				FCC	CLASS-B				
					-6dB				
				FCC CL	ASS-B AV				
49	2				-6dB				
10	1								

26000

	Freq	Over Freq Level Limit	Over Limit	LimitAntenna Line Factor		Cable Preamp Loss Factor		Read Level	Remark	Ant emark Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4		deg
10	4824.000	42.35	-11.65	54.00	33.22	4.68	35.10	39.55	AVERAGE	114	337
2 @	4824.000	48.36	-25.64	74.00	33.22	4.68	35.10	45.57	PEAK	114	337





		Freq	0 Level Li	Over Limit	Limit) Line	LimitAntenna Line Factor		Cable Preamp Loss Factor		Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4		deg
1	. @	4823.960	35.04	-18.96	54.00	33.22	4.68	35.10	32.24	AVERAGE	100	310
2	e	4823.960	46.35	-27.65	74.00	33.22	4.68	35.10	43.56	PEAK	100	310

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Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11b Channel 6 / Ant. 1



	Freq	Freq Level	Over vel Limit		LimitAntenna Line Factor		Cable Preamp Loss Factor		Ar Remark Po	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	G		deg
10	4874.060	45.38	-8.62	54.00	33.33	4.69	35.10	42.45	AVERAGE	125	341
2 @	4874.060	49.45	-24.55	74.00	33.33	4.69	35.10	46.52	PEAK	125	341





	Freq	Freq	Freq	Freq	Freq	Freq	Freq Level	Over Limit	er LimitAntenna nt Line Factor		Cable Preamp Loss Factor		Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	u dB	dBuV/m	t dB/m	dB	dB	dBuV			deg					
10	4874.000	37.01	-16.99	54.00	33.33	4.69	35.10	34.09	AVERAGE	124	327					
2 @	4874.000	45.73	-28.27	74.00	33.33	4.69	35.10	42.80	PEAK	124	327					



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11b Channel 11 / Ant. 1



	Freq	Over Freq Level Limit MHz dBuV/m dB	Limit) Line	LimitAntenna Line Factor		Cable Preamp Loss Factor		Remark	Ant Pos	Table Pos	
	MHz		dB	dBuV/m	ıdB/m.	dB	dB	dBu∀	4	 cm	deg
10	4924.000	44.39	-9.61	54.00	33.45	4.73	35.10	41.31 7	AVERAGE	124	340
2 @	4924.000	49.24	-24.76	74.00	33.45	4.73	35.10	46.17 1	PEAK	124	340





		Freq	Freq Level I MHz dBuV/m	Over Limit	LimitA Line	limitAntenna Line Factor		Cable Preamp Loss Factor		Ant Remark Pos	Ant Pos	Table Pos
		MHz		dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 (	9	4924.000	37.49	-16.51	54.00	33.45	4.73	35.10	34.42	AVERAGE	113	309
2 @	3	4924.000	45.72	-28.28	74.00	33.45	4.73	35.10	42.64	PEAK	113	309



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11g Channel 1 / Ant. 1



	Freq	Level	Over Limit	Limit) Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dB dBuV/m	n dB/m	dB	B dB	B dBu∀			deg
10	7246.900	33.10	-20.90	54.00	33.22	4.68	35.10	30.30	AVERAGE	119	287
2 @	7246.900	43.36	-30.65	74.00	33.22	4.68	35.10	40.56	PEAK	119	287





	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	2	cm	deg
<b>1</b> @	7238.200	32.88	-21.12	54.00	33.22	4.68	35.10	30.09	AVERAGE	133	0
2 @	7238.200	43.97	-30.03	74.00	33.22	4.68	35.10	41.18	PEAK	133	0



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11g Channel 6 / Ant. 1



		Freq	Level	Over Limit	Limit) Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV			deg
1 @	1	7311.000	41.46	-12.54	54.00	36.24	5.39	35.32	35.14	AVERAGE	141	281
2 @	)	7311.000	53.67	-20.33	74.00	36.24	5.39	35.32	47.35	PEAK	141	281





	Fre	q Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	М	MHz dBuV/m dB dB	dBuV/m	dB/m	dB dB		dB dBuV			deg	
10	7310.60	0 39.62	-14.38	54.00	36.24	5.39	35.32	33.30	AVERAGE	153	290
2 @	7310.60	0 51.97	-22.03	74.00	36.24	5.39	35.32	45.66	PEAK	153	290



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11g Channel 11 / Ant. 1



	Freq	Level	Over Limit	LimitA Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	B dBuV/m	n dB/m	dB	dB	dBuV	i -	cm	deg
1@	7386.200	33.51	-20.49	54.00	33.45	4.73	35.10	30.44	AVERAGE	131	307
2 @	7386.200	43.78	-30.22	74.00	33.45	4.73	35.10	40.71	PEAK	131	308







	Freq	Freq	Freq	Freq	Freq	Level	Over evel Limit	LimitA Line	LimitAntenna Line Factor		Cable Preamp Loss Factor		Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	2	cm	deg				
10	7386.100	33.14	-20.86	54.00	33.45	4.73	35.10	30.06	AVERAGE	108	359				
2 @	7386.100	44.82	-29.18	74.00	33.45	4.73	35.10	41.75	PEAK	108	359				



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 149 / Ant. 1



Frequency	(MHz)
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		Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4 8		deg
1 (	9	11489.360	54.19	-5.81	60.00	39.20	6.96	35.10	43.13	AVERAGE	117	234
2 (	9	11489.360	65.77	-14.23	80.00	39.20	6.96	35.10	54.71	PEAK	117	234
4 (	a	17236.560	77.30			40.93	18.15	35.00	53.22	PEAK	100	237

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission. (126.16dBuV/m)





	Freq	Level	Over Limit	Limit] Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	Młz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	e <del>r</del> i		deg
10	11489.920	49.17	-10.83	60.00	39.20	6.96	35.10	38.11	AVERAGE	115	252
2 @	11489.920	61.10	-18.90	80.00	39.20	6.96	35.10	50.04	PEAK	115	252
3 @	17234.120	69.52	-10.48	80.00	40.93	18.15	35.00	45.44	PEAK	107	243
4 @	17234.120	59.03	-0.97	60.00	40.93	18.15	35.00	34.95	AVERAGE	107	243



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 157 / Ant. 1



		VANCE AND ADDRESS
Freq	uency	(MHz)

		Freq	Level	Over Limit	Limiti Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	ďBuV			deg
1	e	11570.000	52.48	-7.52	60.00	39.21	7.06	35.13	41.34	AVERAGE	115	230
2	e	11570.000	62.52	-17.48	80.00	39.21	7.06	35.13	51.39	PEAK	115	230
4	0	17352.760	74.95			41.44	17.41	35.04	51.14	PEAK	100	231

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission. (125.78dBuV/m)





Frequency (MHz)

	Freq	Level	Over Limit	Limit] Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4		deg
10	11569.760	52.53	-7.47	60.00	39.21	7.06	35.13	41.39	AVERAGE	114	253
<b>2</b> @	11569.760	62.43	-17.57	80.00	39.21	7.06	35.13	51.29	PEAK	114	253
4 @	17352.520	73.67			41.44	17.41	35.04	49.86	PEAK	117	235

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.(125.78dBuV/m)



Temperature	<b>24</b> °C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 165 / Ant. 1



Frequen	cy (MHz)
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	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		 	deg
10	11652.320	58.90	-1.10	60.00	39.23	7.15	35.16	47.68	AVERAGE	115	246
2@	11652.320	70.47	-9.53	80.00	39.23	7.15	35.16	59.25	PEAK	115	246
40	17474.480	77.10			41.95	16.66	35.09	53.58	PEAK	100	229

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.(126.03dBuV /m)

-6dB

-6dB

40000



## 97 Level (dBuV/m) Date: 2006-04-15 Time: 11:18:43 3 FCC CLASS-B 1.5M PK 2 FCC CLASS-B 1.5M AV 49 0 1000 8800. 16600. 24400. 32200.

Frequency (MHz)

		Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1	0	11650.960	52.06	-7.94	60.00	39.23	7.15	35.16	40.84	AVERAGE	116	252
2	0	11650.960	62.74	-17.26	80.00	39.23	7.15	35.16	51.52	PEAK	116	252
4	0	17474.520	70.89			41.95	16.66	35.09	47.36	AVERAGE	119	243

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.(126.03dBuV /m)





Temperature	<b>24</b> ℃	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 152 / Ant. 1



	Freq	Level	Over Limit	Limit) Line	Intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4	cm	deg
10	11522.520	47.34	-12.66	60.00	39.20	7.01	35.11	36.24	AVERAGE	115	230
2 @	11522.520	59.03	-20.97	80.00	39.20	7.01	35.11	47.93	PEAK	115	230
3 @	17280.160	58.80	-1.20	60.00	41.15	17.90	35.01	34.76	AVERAGE	100	228
4 @	17280.160	69.85	-10.15	80.00	41.15	17.90	35.01	45.81	PEAK	100	228



# Production Date: 2006-04-15 Time: 11:33:23 Image: constraint of the second se

	Freq	Level	Over Limit	Limiti Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	4		deg
10	11522.640	44.08	-15.92	60.00	39.20	7.01	35.11	32.98	AVERAGE	118	252
2 @	11522.640	56.84	-23.16	80.00	39.20	7.01	35.11	45.74	PEAK	118	252
4 @	17280.160	72.84			41.15	17.90	35.01	48.80	PEAK	118	247

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.(119.27dBuV /m)





Temperature	<b>24</b> ℃	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 160 / Ant. 1



	Freq	Level	Over Limit	Limit) Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	MHz	MHz dBuV/m dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
<b>1</b> @	11596.480	48.68	-11.32	60.00	39.22	7.10	35.14	37.50	AVERAGE	106	246
2 @	11596.480	59.64	-20.36	80.00	39.22	7.10	35.14	48.46	PEAK	106	246
3 @	17401.720	56.11	-3.89	60.00	41.66	16.91	35.06	32.60	AVERAGE	100	231
4 @	17401.720	67.29	-12.71	80.00	41.66	16.91	35.06	43.78	PEAK	100	231





		Freq	Freq	Level	Over Limit	Limit] Line	intenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	di di	cm	deg	
1	0	11600.920	44.32	-15.68	60.00	39.22	7.10	35.14	33.14	AVERAGE	119	244	
2	0	11600.920	57.50	-22.50	80.00	39.22	7.10	35.14	46.32	PEAK	119	244	
3	0	17396.240	57.30	-2.70	60.00	41.59	17.16	35.06	33.61	AVERAGE	117	235	
4	0	17396.240	69.79	-10.21	80.00	41.59	17.16	35.06	46.11	PEAK	117	235	

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) =  $20 \log \text{Emission} \log (uV/m)$ .