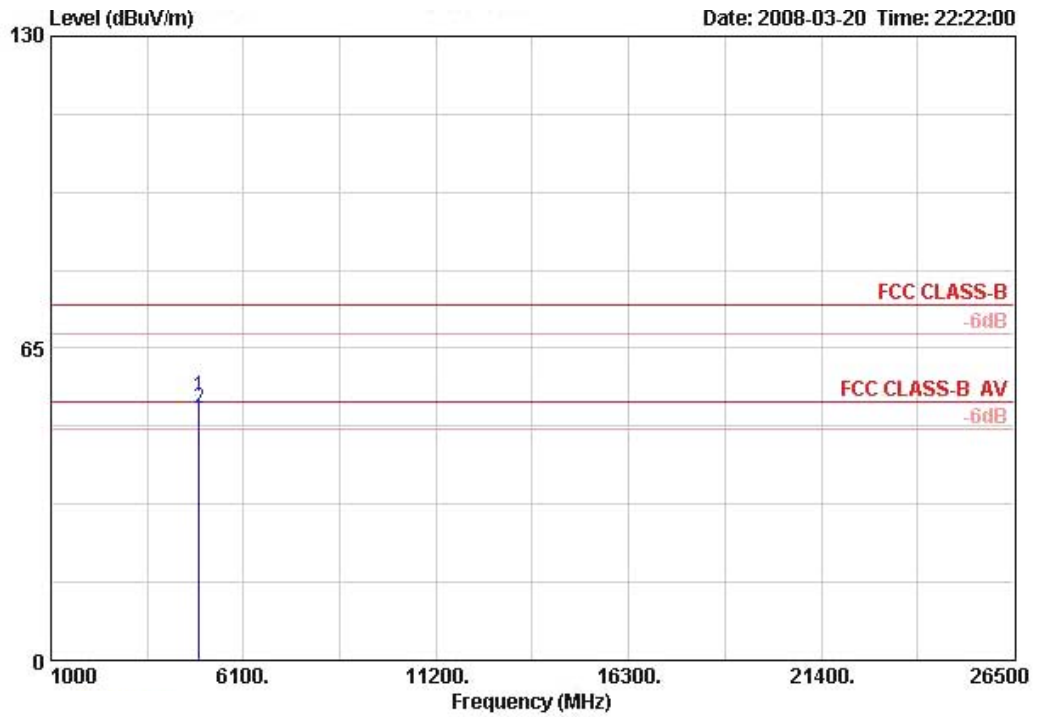


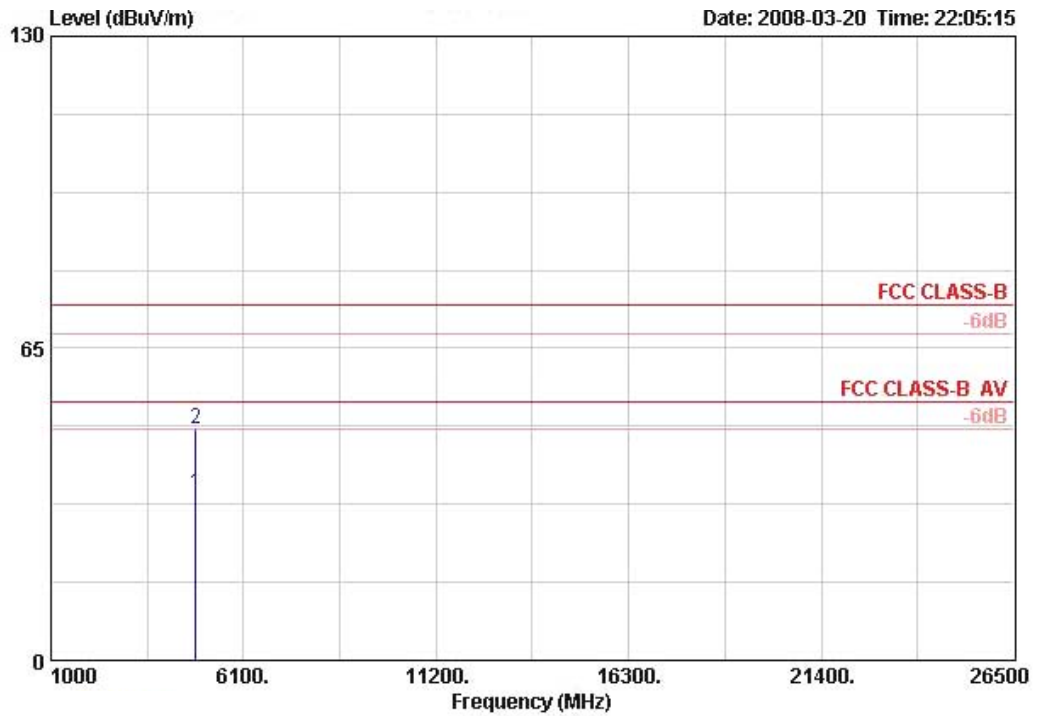
**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4923.890	54.95	-19.05	74.00	53.22	33.58	3.40	35.24	PEAK	100	75	VERTICAL
2 !	4923.910	52.35	-1.65	54.00	50.62	33.58	3.40	35.24	AVERAGE	100	75	VERTICAL

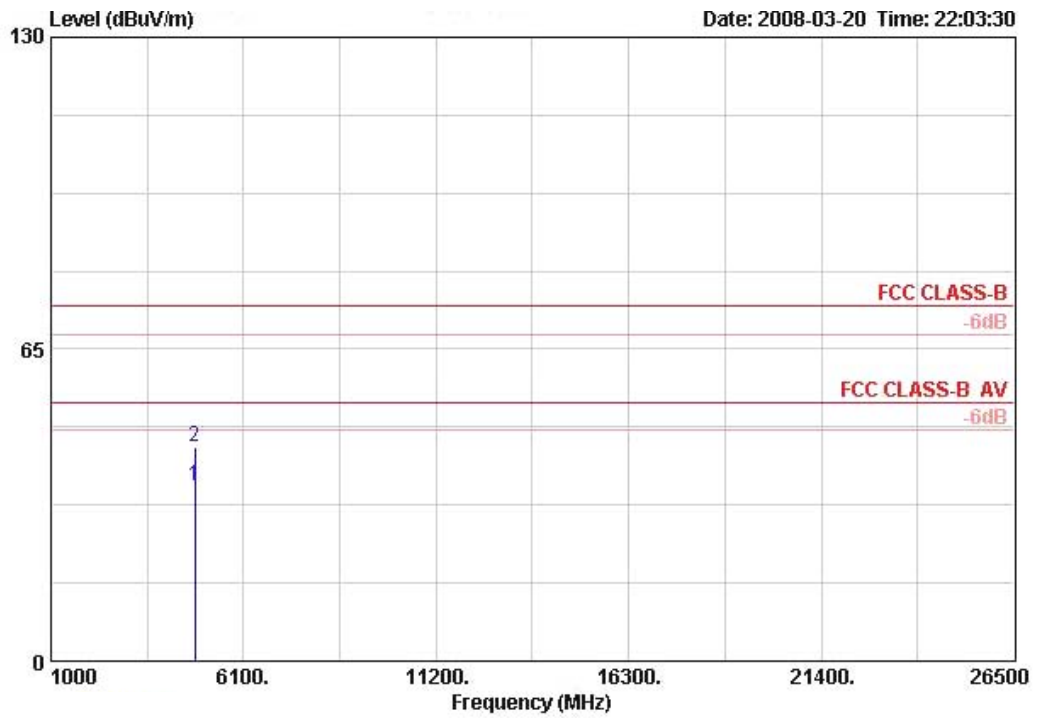
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 1 / Antenna 4

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4824.750	34.68	-19.32	54.00	33.17	33.39	3.37	35.25	AVERAGE	116	358	HORIZONTAL
2	4825.500	48.14	-25.86	74.00	46.63	33.39	3.37	35.25	PEAK	116	358	HORIZONTAL

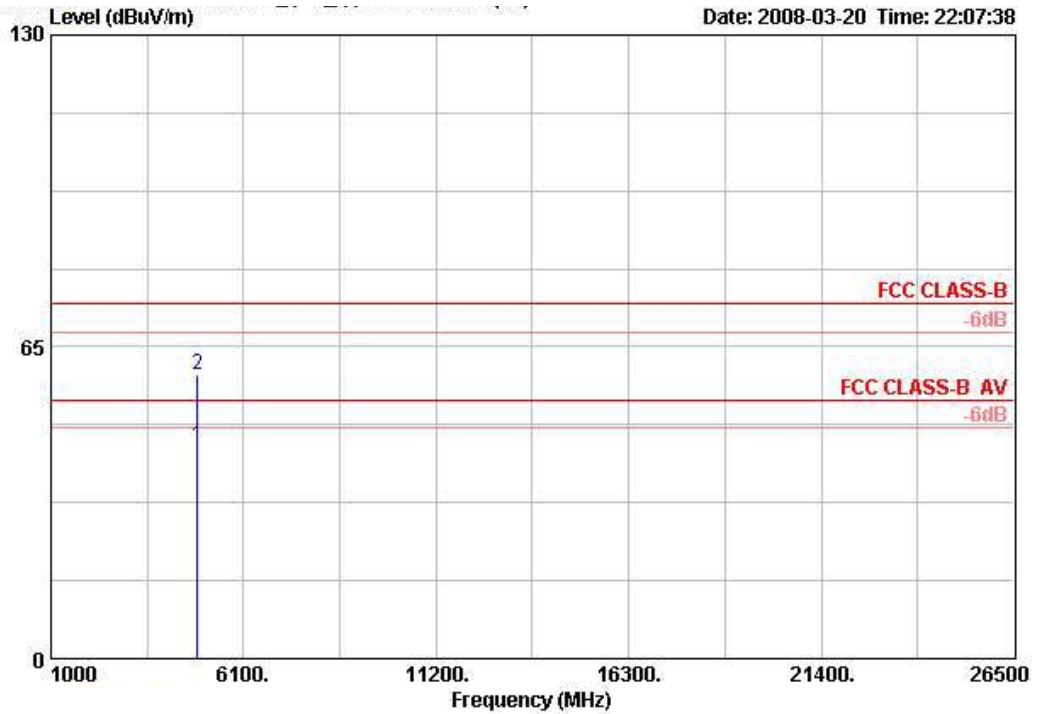
**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4821.800	36.37	-17.63	54.00	34.85	33.39	3.37	35.25	AVERAGE	110	93	VERTICAL
2	4821.810	44.58	-29.42	74.00	43.07	33.39	3.37	35.25	PEAK	110	93	VERTICAL

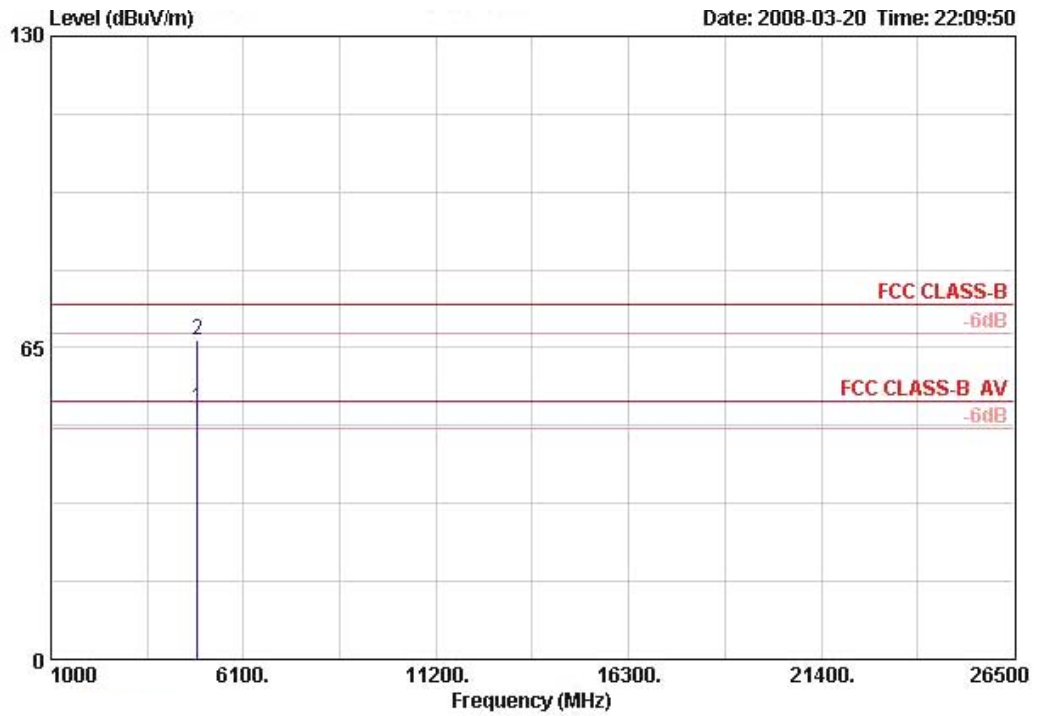
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 6 / Antenna 4

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4872.850	44.35	-9.65	54.00	42.73	33.48	3.38	35.25	AVERAGE	100	37	HORIZONTAL
2	4873.500	59.07	-14.93	74.00	57.45	33.48	3.38	35.25	PEAK	100	37	HORIZONTAL

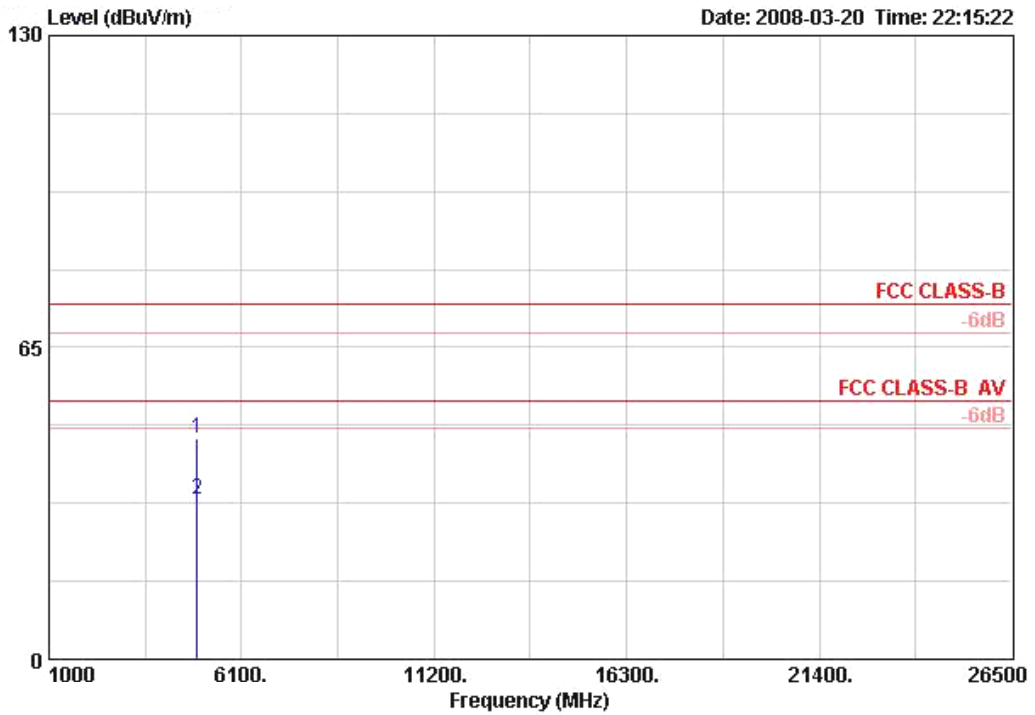
**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	4872.660	52.25	-1.75	54.00	50.63	33.48	3.38	35.25	AVERAGE	108	92	VERTICAL
2	4873.400	66.73	-7.27	74.00	65.11	33.48	3.38	35.25	PEAK	108	92	VERTICAL

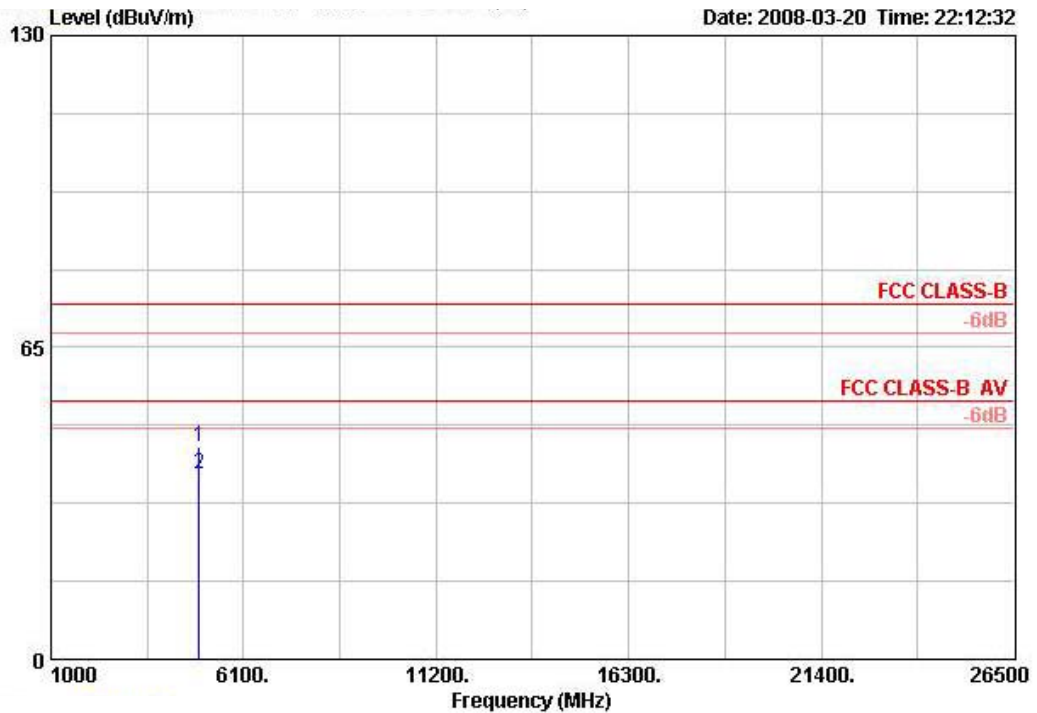
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 11 / Antenna 4

**Horizontal**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4921.500	46.09	-27.91	74.00	44.36	33.58	3.40	35.24	PEAK	100	122	HORIZONTAL
2	4921.520	33.41	-20.59	54.00	31.68	33.58	3.40	35.24	AVERAGE	100	122	HORIZONTAL

**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4921.550	44.41	-29.59	74.00	42.68	33.58	3.40	35.24	PEAK	110	92	VERTICAL
2	4922.510	38.69	-15.31	54.00	36.96	33.58	3.40	35.24	AVERAGE	110	92	VERTICAL

**Note:**

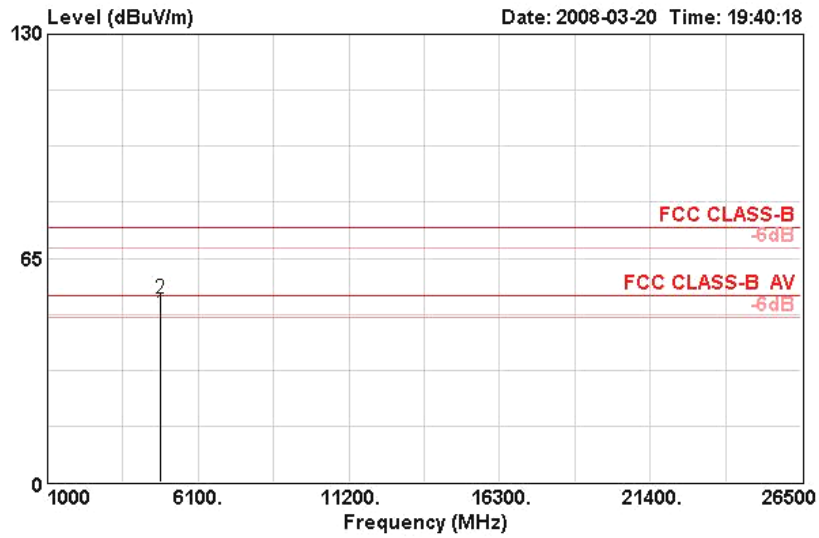
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11b CH 1 / Antenna 5

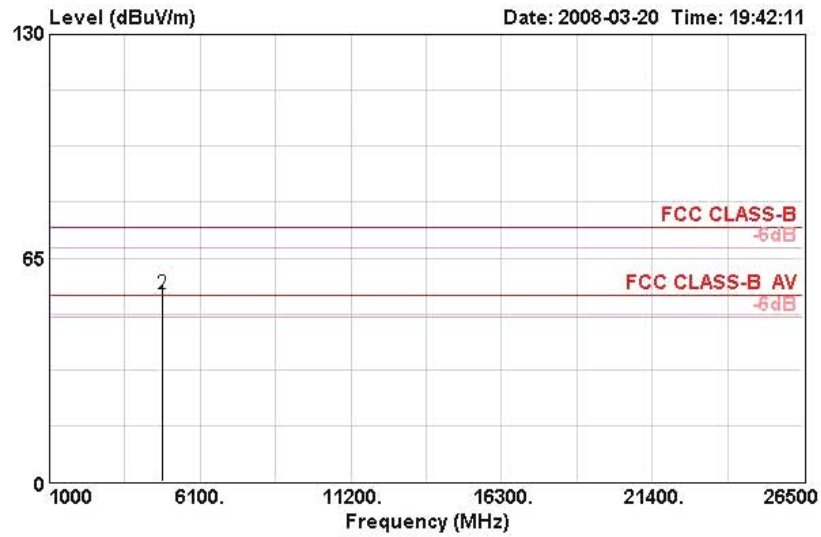
**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4823.990	48.82	-5.18	54.00	44.53	33.06	6.40	35.16	AVERAGE	169	186	HORIZONTAL
2	4824.020	53.20	-20.80	74.00	48.91	33.06	6.40	35.16	PEAK	169	186	HORIZONTAL



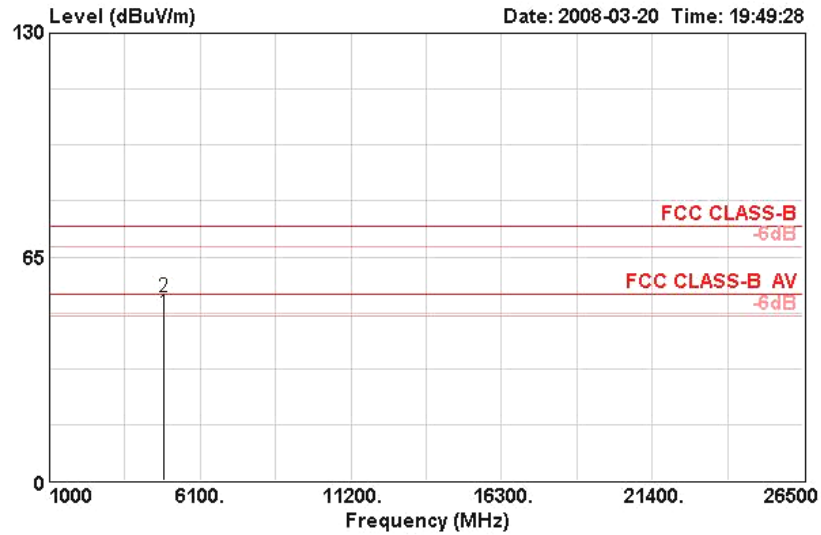
**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4823.930	51.37	-2.63	54.00	47.09	33.06	6.40	35.16	AVERAGE	103	307	VERTICAL
2 @	4823.970	54.52	-19.48	74.00	50.23	33.06	6.40	35.16	PEAK	103	307	VERTICAL

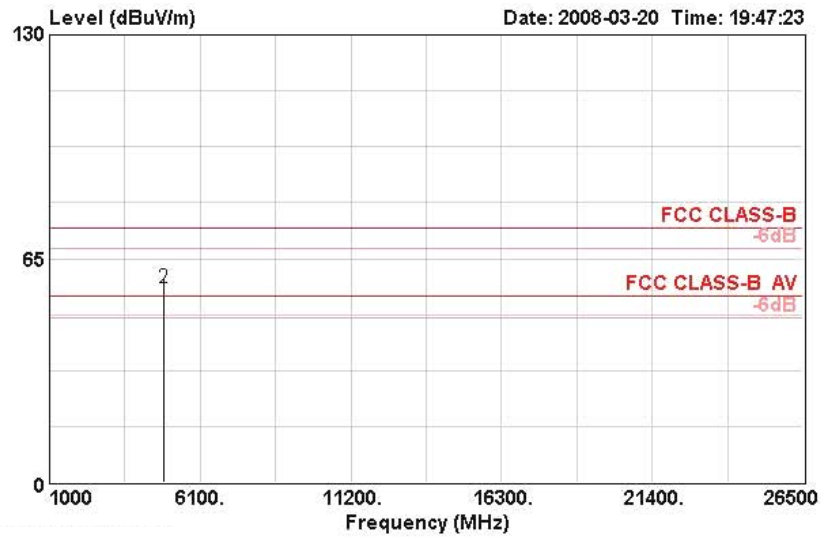
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11b CH 6 / Antenna 5

**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4873.930	48.78	-5.22	54.00	44.36	33.16	6.42	35.15	AVERAGE	209	241	HORIZONTAL
2	4874.170	53.53	-20.47	74.00	49.11	33.16	6.42	35.15	PEAK	209	241	HORIZONTAL

**Vertical**

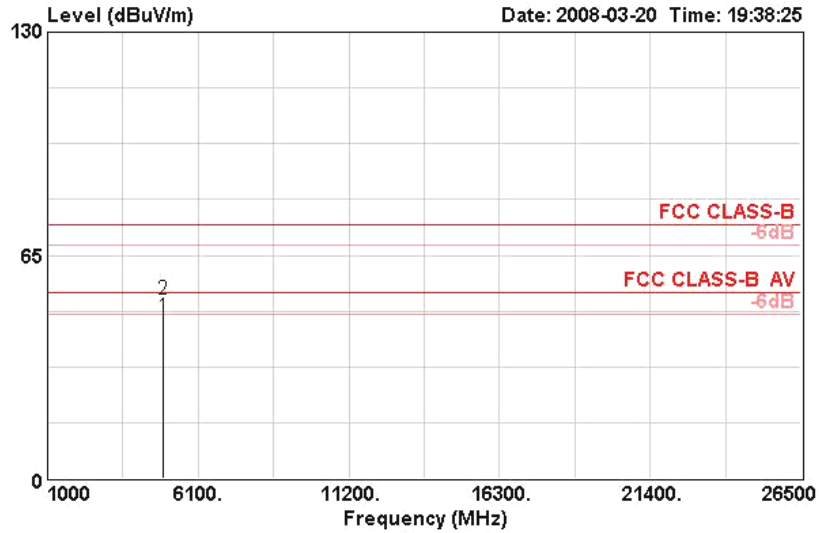


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4873.850	53.73	-0.27	54.00	49.30	33.16	6.42	35.15	AVERAGE	100	185	VERTICAL
2 @	4873.890	56.62	-17.38	74.00	52.19	33.16	6.42	35.15	PEAK	100	185	VERTICAL



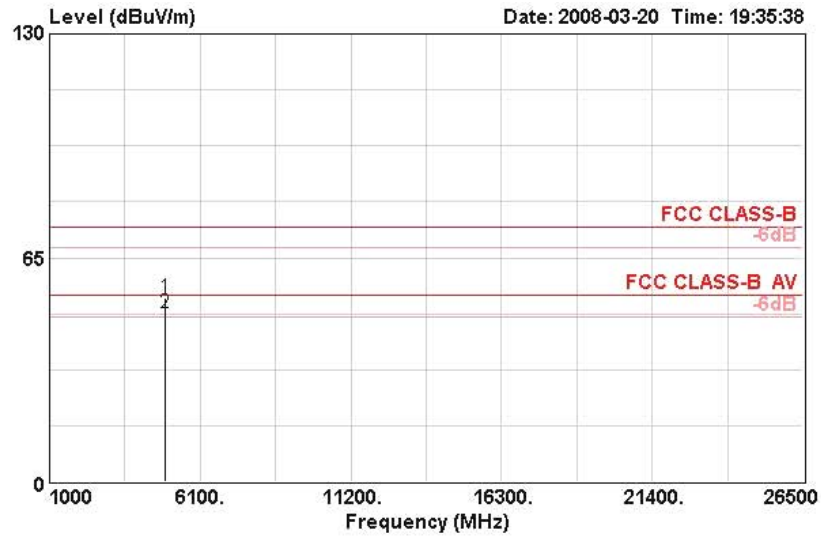
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11b CH 11 / Antenna 5

**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable Preamp	Loss Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	4923.770	47.00	-7.00	54.00	42.44	33.26	6.44	35.14	AVERAGE	199	175 HORIZONTAL
2	4924.180	52.11	-21.89	74.00	47.56	33.26	6.44	35.14	PEAK	199	175 HORIZONTAL

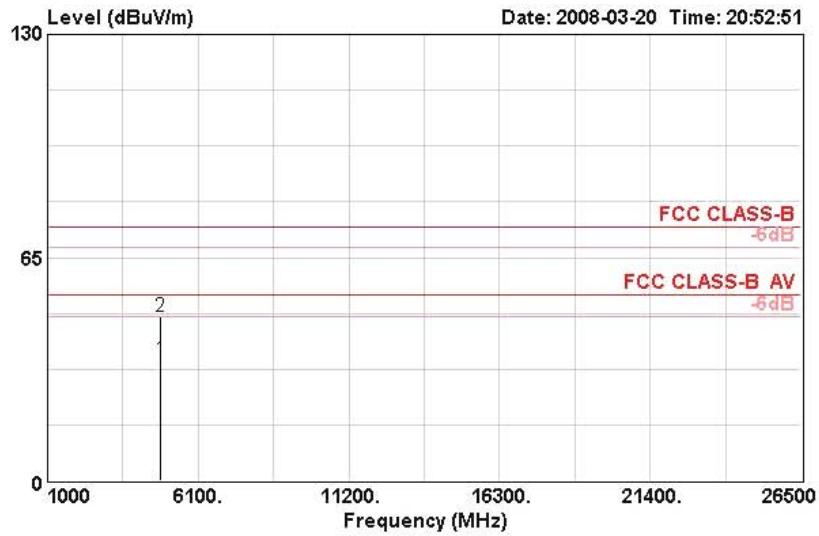
**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4923.880	53.51	-20.49	74.00	48.95	33.26	6.44	35.14	PEAK	111	189	VERTICAL
2 @	4924.170	49.16	-4.84	54.00	44.60	33.26	6.44	35.14	AVERAGE	111	189	VERTICAL

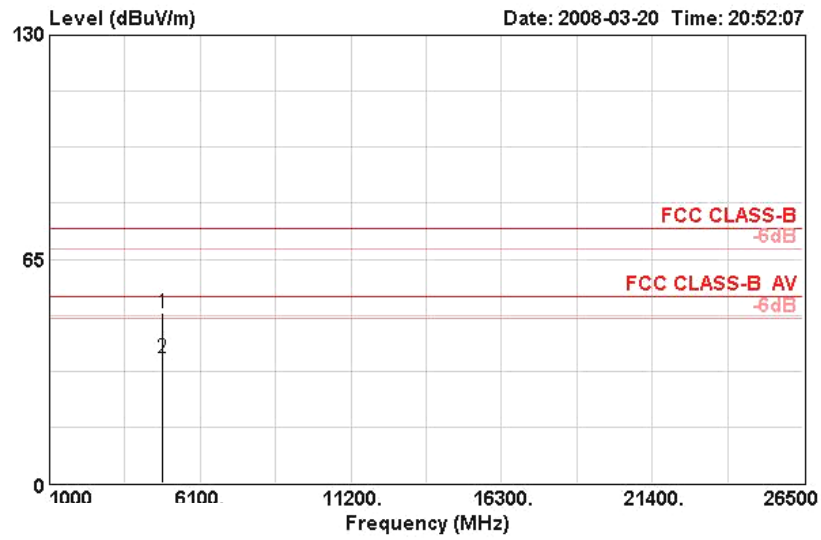
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 1 / Antenna 5

**Horizontal**



	Freq	Level	Over	Limit	ReadAntenna		Cable Preamp		Remark	Ant	Table	Pol/Phase
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4820.400	35.28	-18.72	54.00	31.00	33.06	6.40	35.16	AVERAGE	100	285	HORIZONTAL
2	4820.960	48.01	-25.99	74.00	43.72	33.06	6.40	35.16	PEAK	100	285	HORIZONTAL

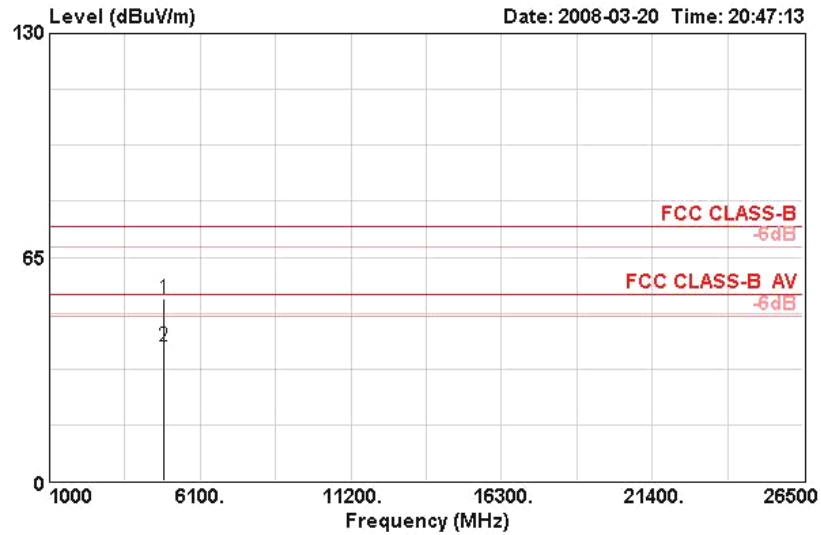
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4825.340	49.57	-24.43	74.00	45.28	33.06	6.40	35.16	PEAK	104	193	VERTICAL
2 @	4825.800	36.50	-17.50	54.00	32.21	33.06	6.40	35.16	AVERAGE	104	193	VERTICAL

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 6 / Antenna 5

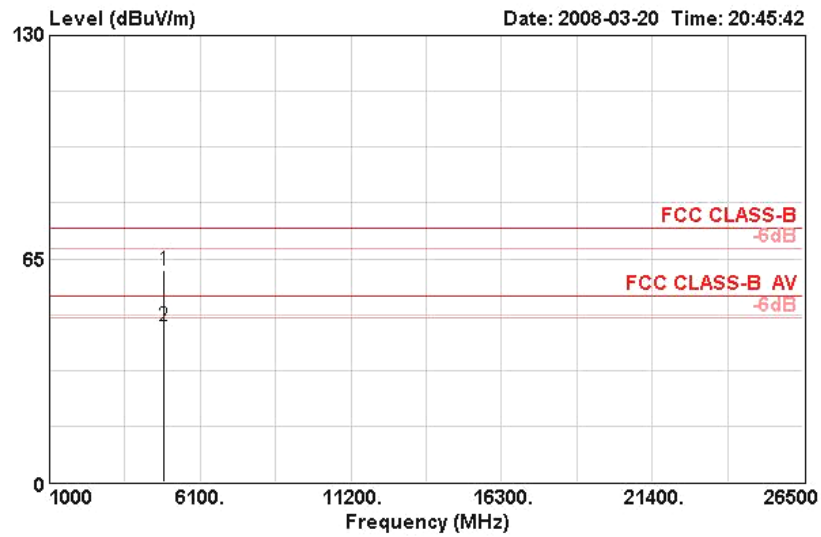
**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4873.440	53.04	-20.96	74.00	48.61	33.16	6.42	35.15	PEAK	100	276	HORIZONTAL
2 @	4874.560	39.25	-14.75	54.00	34.83	33.16	6.42	35.15	AVERAGE	100	276	HORIZONTAL



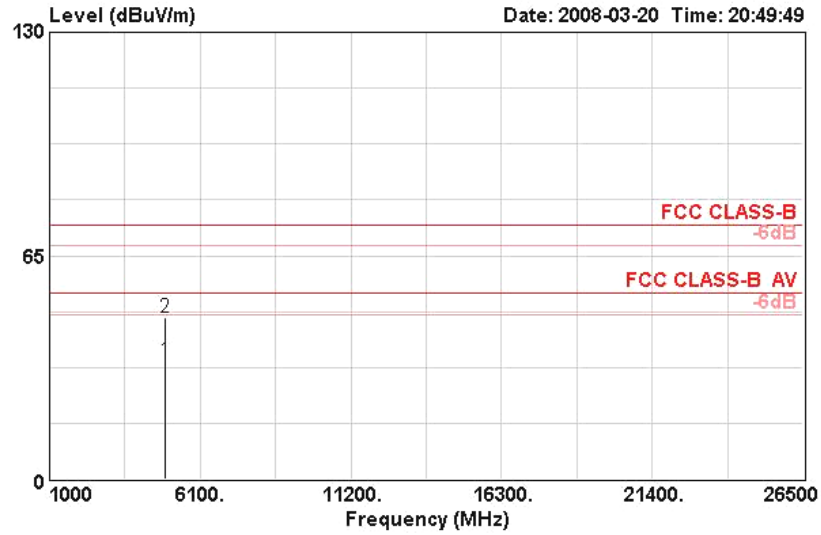
**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4873.200	61.75	-12.25	74.00	57.33	33.16	6.42	35.15	PEAK	100	163	VERTICAL
2 @	4873.520	45.51	-8.49	54.00	41.08	33.16	6.42	35.15	AVERAGE	100	163	VERTICAL

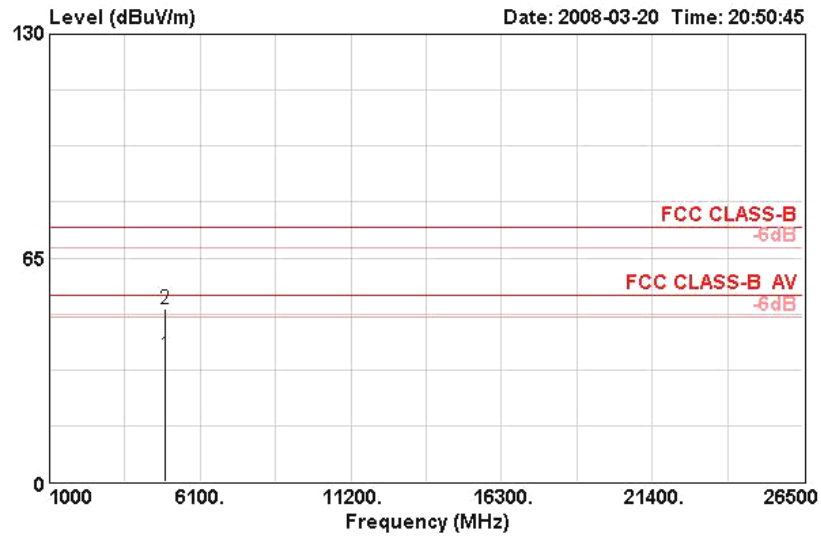
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 11 / Antenna 5

**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4920.280	34.37	-19.63	54.00	29.82	33.26	6.44	35.14	AVERAGE	100	293	HORIZONTAL
2	4920.800	47.17	-26.83	74.00	42.61	33.26	6.44	35.14	PEAK	100	293	HORIZONTAL

**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4922.180	36.89	-17.11	54.00	32.33	33.26	6.44	35.14	AVERAGE	100	190	VERTICAL
2	4923.140	50.28	-23.72	74.00	45.73	33.26	6.44	35.14	PEAK	100	190	VERTICAL

**Note:**

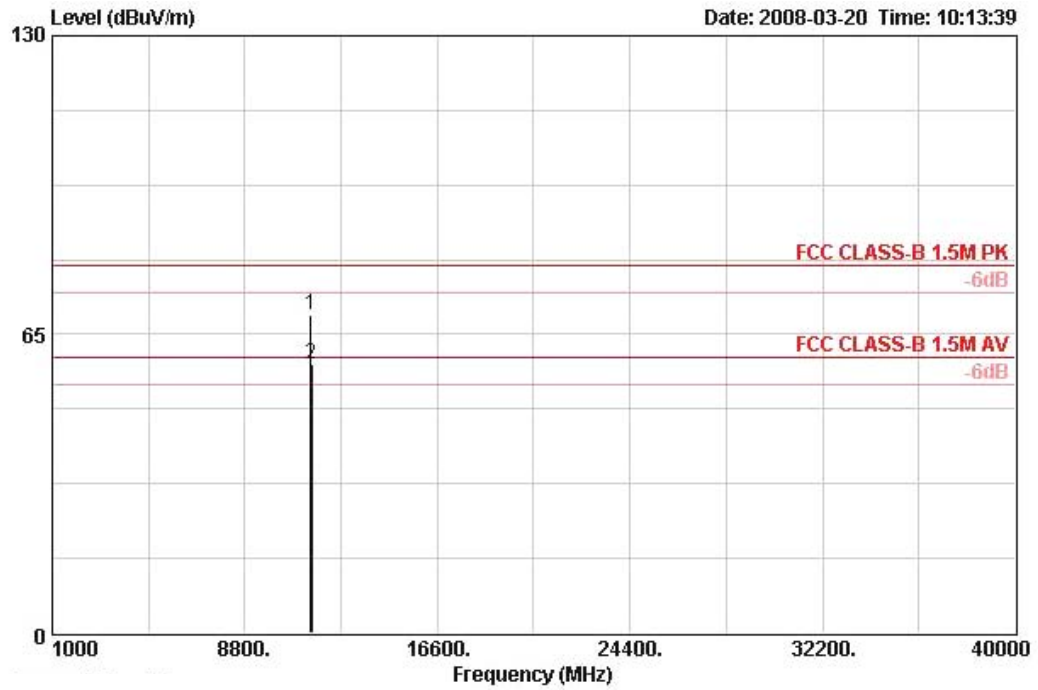
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

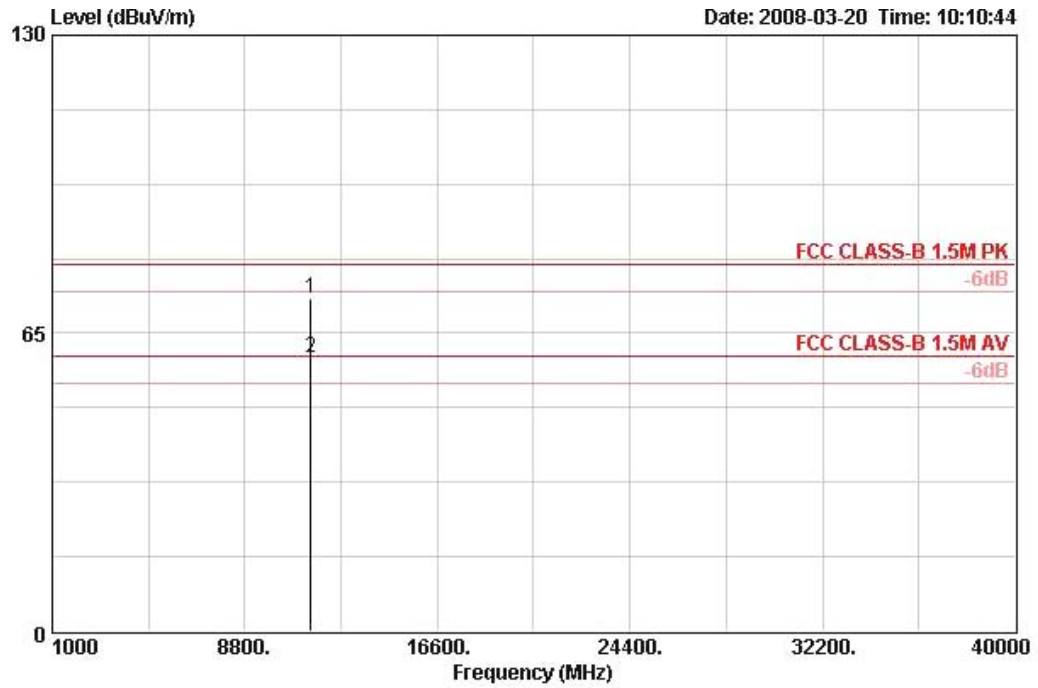
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 149 / Antenna 5

**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	11487.160	69.18	-10.82	80.00	55.60	38.78	9.78	34.98	PERK	130	177 HORIZONTAL
2 !	11491.000	58.62	-1.38	60.00	45.05	38.78	9.78	34.98	AVERAGE	130	177 HORIZONTAL

**Vertical**

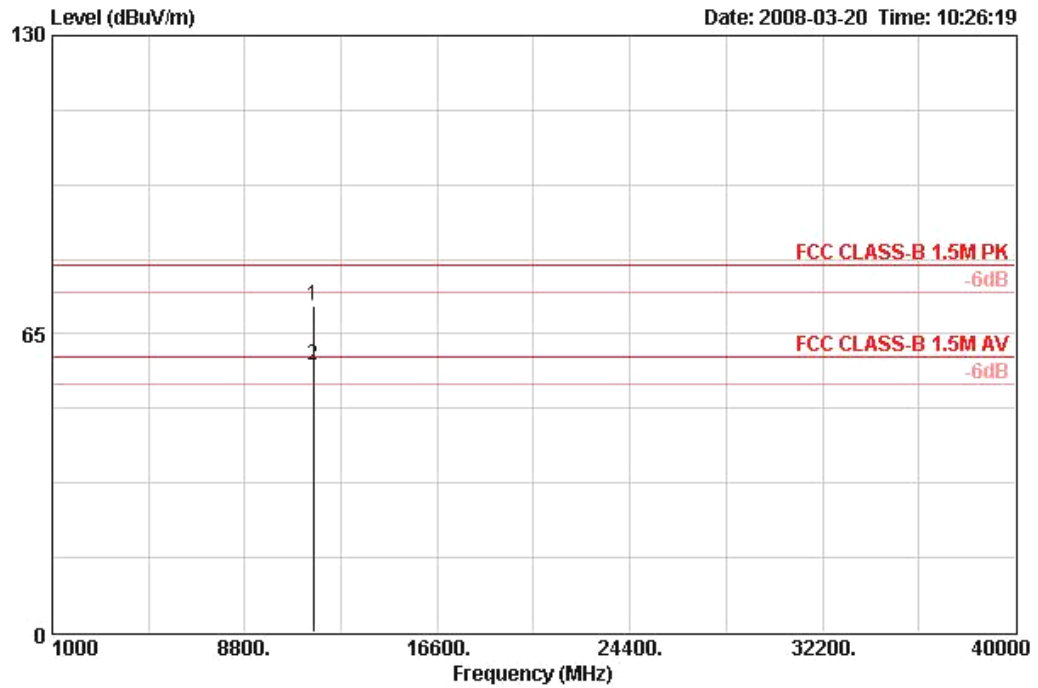


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11485.680	72.54	-7.46	80.00	58.96	38.78	9.78	34.98	PEAK	121	131	VERTICAL
2	11486.360	59.57	-0.43	60.00	46.00	38.78	9.78	34.98	AVERAGE	121	131	VERTICAL



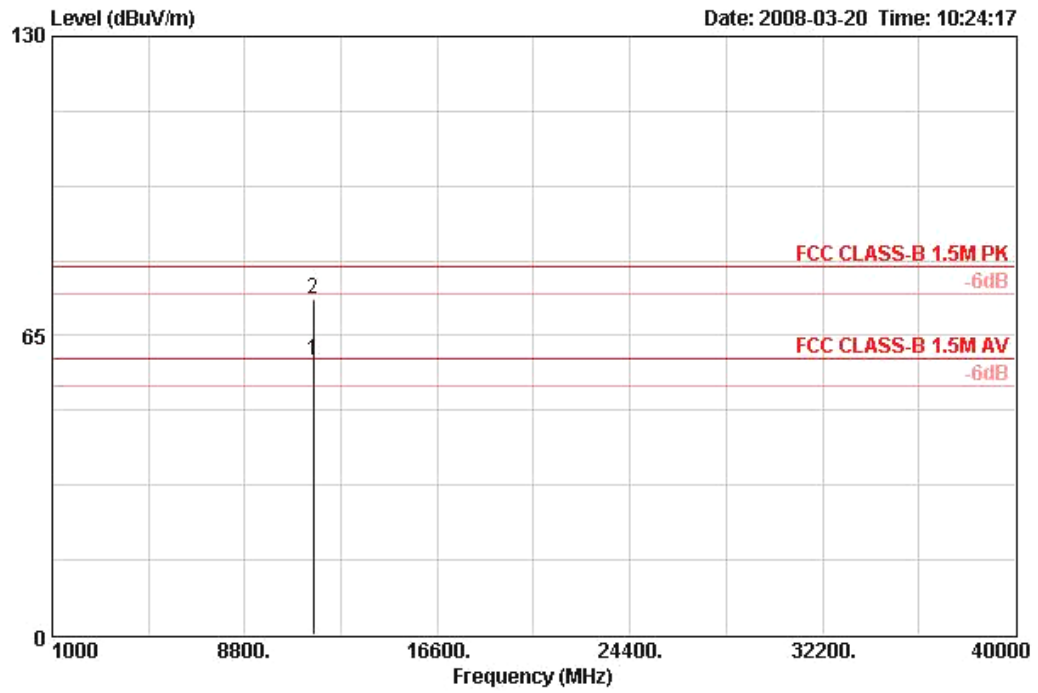
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 157 / Antenna 5

**Horizontal**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11568.240	71.14	-8.86	80.00	57.52	38.83	9.79	35.00	PEAK	125	169	HORIZONTAL
2 !	11569.360	58.27	-1.73	60.00	44.65	38.83	9.79	35.00	AVERAGE	125	169	HORIZONTAL

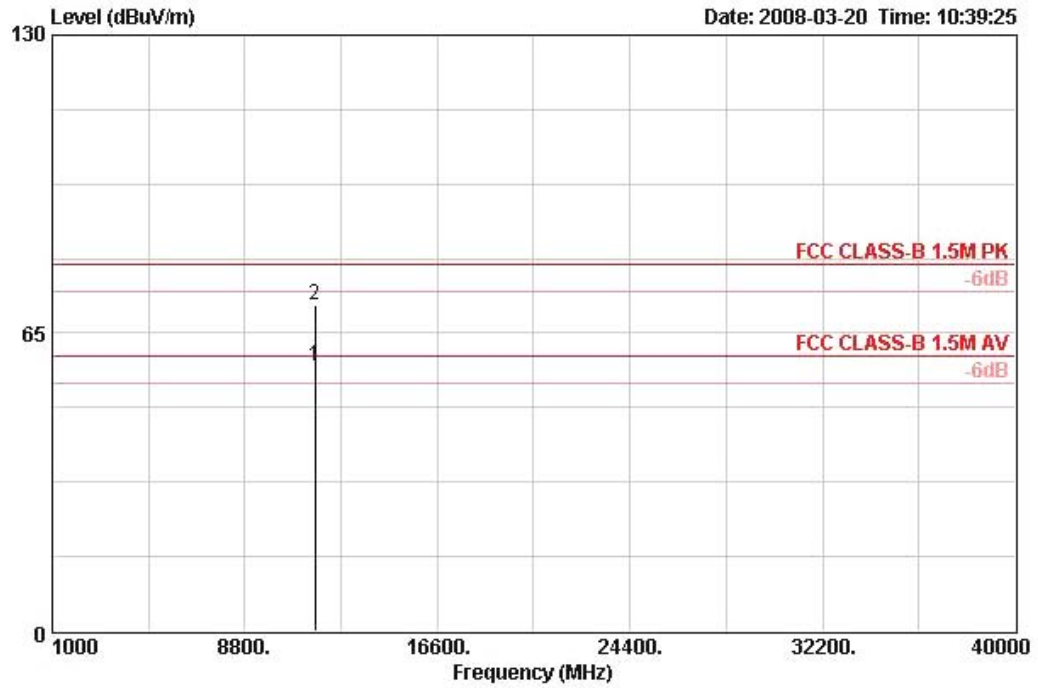
**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	11569.480	59.53	-0.47	60.00	45.91	38.83	9.79	35.00	AVERAGE	120	132	VERTICAL
2	11570.880	72.94	-7.06	80.00	59.31	38.83	9.80	35.00	PEAK	120	132	VERTICAL

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 165 / Antenna 5

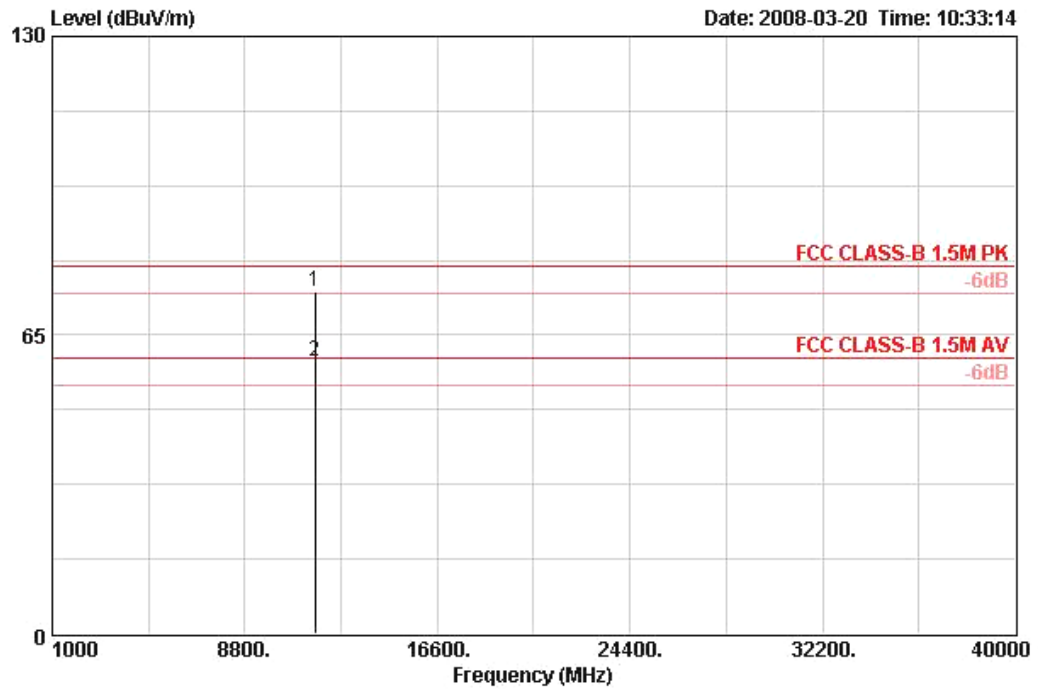
**Horizontal**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	11647.320	57.87	-2.13	60.00	44.21	38.86	9.82	35.01	AVERAGE	124	171	HORIZONTAL
2	11647.320	71.03	-8.97	80.00	57.37	38.86	9.82	35.01	PEAK	124	171	HORIZONTAL



**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	11646.180	74.37	-5.63	80.00	60.71	38.86	9.81	35.01	PEAK	140	119	VERTICAL
2 !	11646.480	59.27	-0.73	60.00	45.60	38.86	9.82	35.01	AVERAGE	140	119	VERTICAL

**Note:**

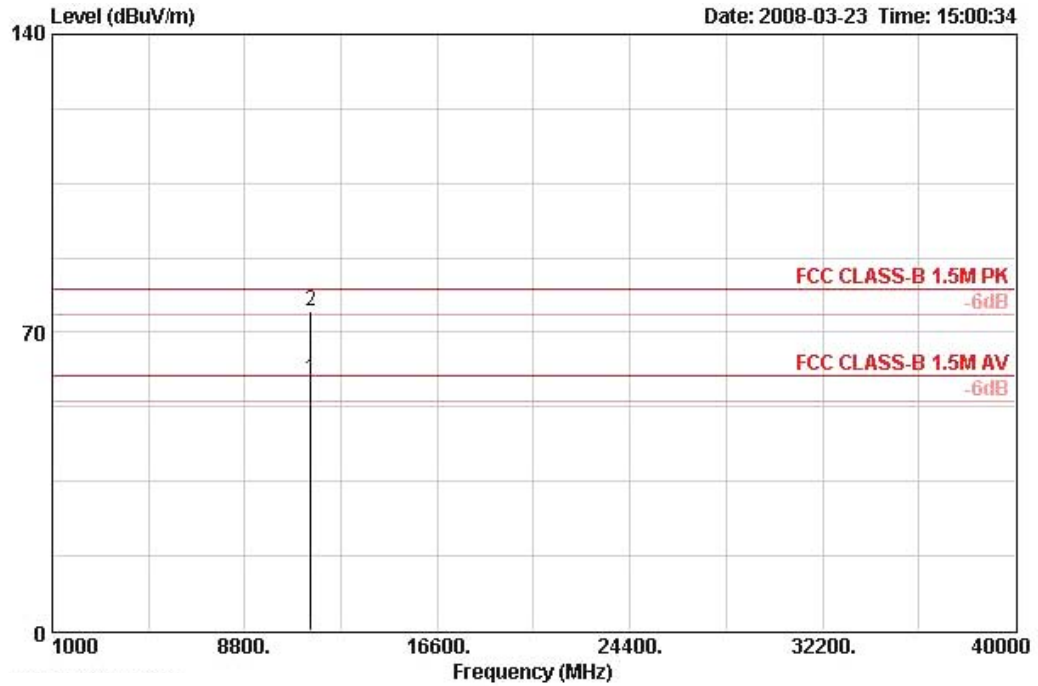
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

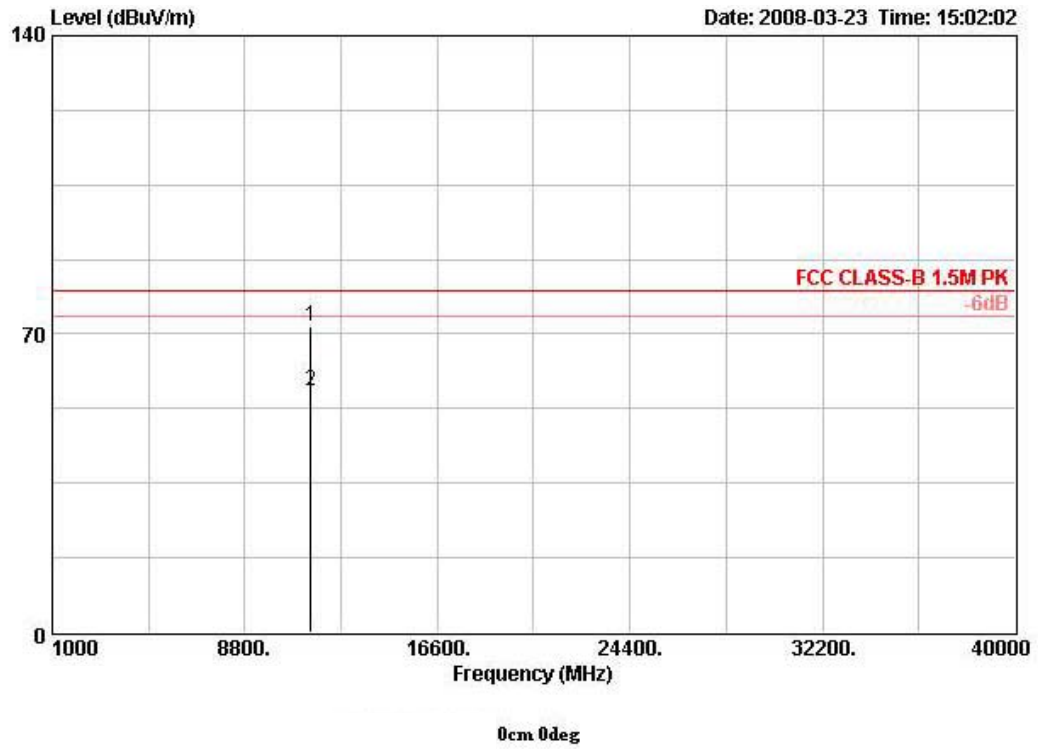
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 149 / Antenna 6

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		deg	cm	
1 !	11486.800	58.89	-1.11	60.00	44.24	38.50	34.75	10.90	AVERAGE	300	100	HORIZONTAL
2 !	11486.900	74.87	-5.13	80.00	60.22	38.50	34.75	10.90	PEAK	300	100	HORIZONTAL

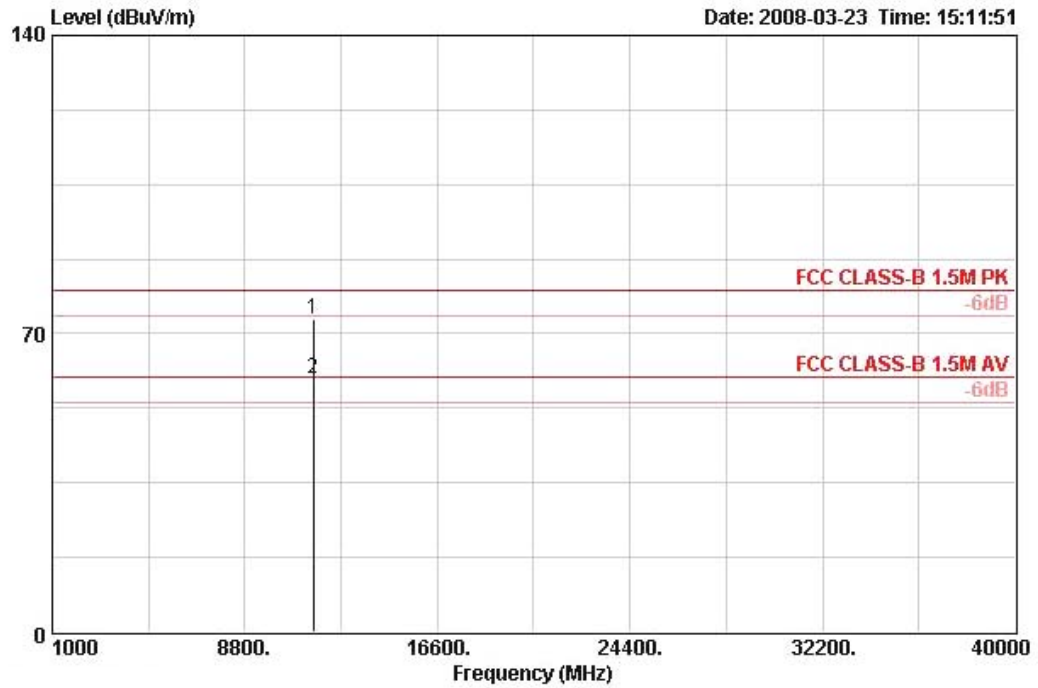
**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	11485.000	71.79	-8.21	80.00	57.14	38.50	34.75	10.90	PERK	323	105	VERTICAL
2	11486.300	56.44	-23.56	80.00	41.79	38.50	34.75	10.90	AVERAGE	323	105	VERTICAL

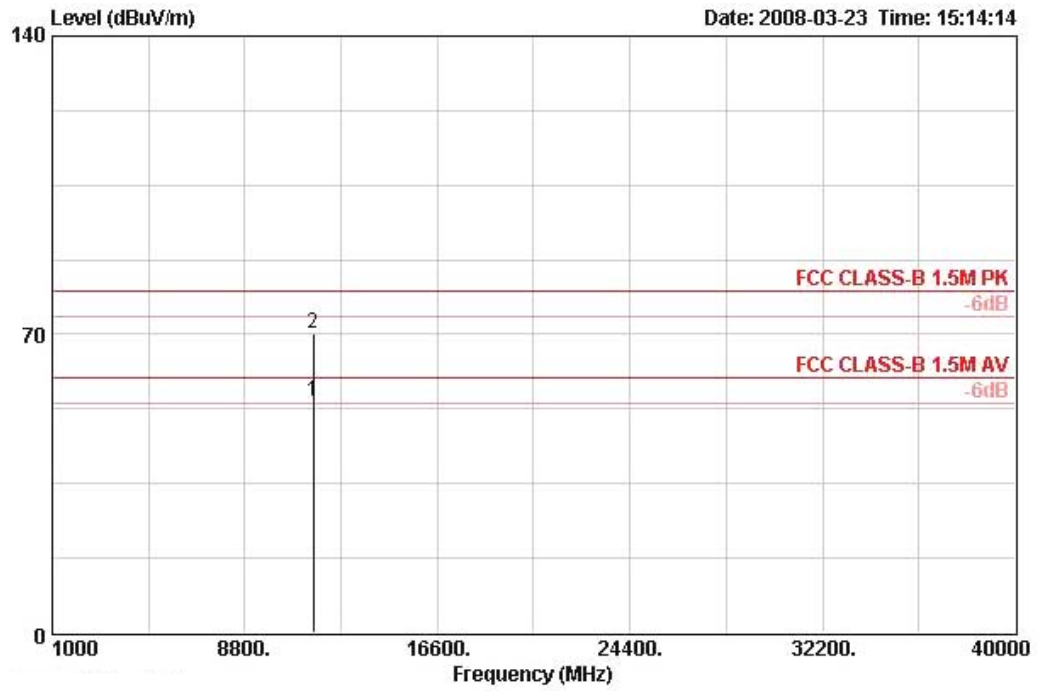
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 157 / Antenna 6

**Horizontal**



	Freq	Level	Over	Limit	Read	Antenna	Preamp	Cable	Table	Ant
	MHz	dBUV/m	dB	dBUV/m	Level	Factor	Factor	Loss	Pos	Pos
					dBuV	dB/m	dB	dB	deg	cm
1	11568.200	73.31	-6.69	80.00	58.73	38.51	34.80	10.86	306	100 HORIZONTAL
2 !	11568.900	59.28	-0.72	60.00	44.70	38.51	34.80	10.86	306	100 HORIZONTAL

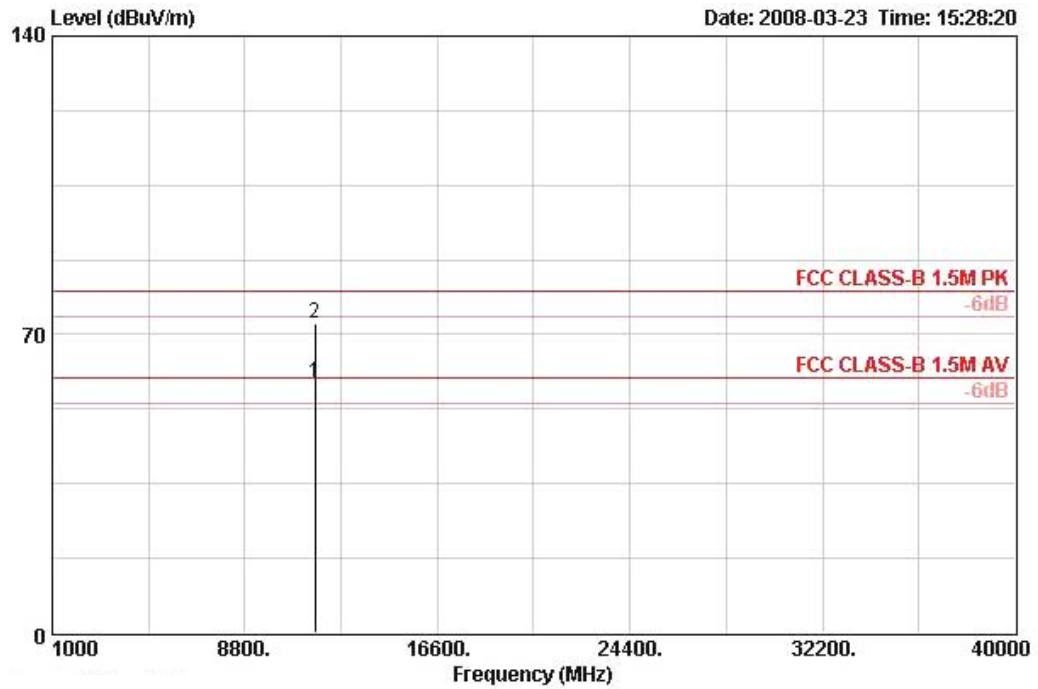
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		deg	cm	
1 !	11568.200	54.33	-5.67	60.00	39.75	38.51	34.80	10.86	AVERAGE	320	100	VERTICAL
2	11568.200	70.30	-9.70	80.00	55.72	38.51	34.80	10.86	PEAK	320	100	VERTICAL

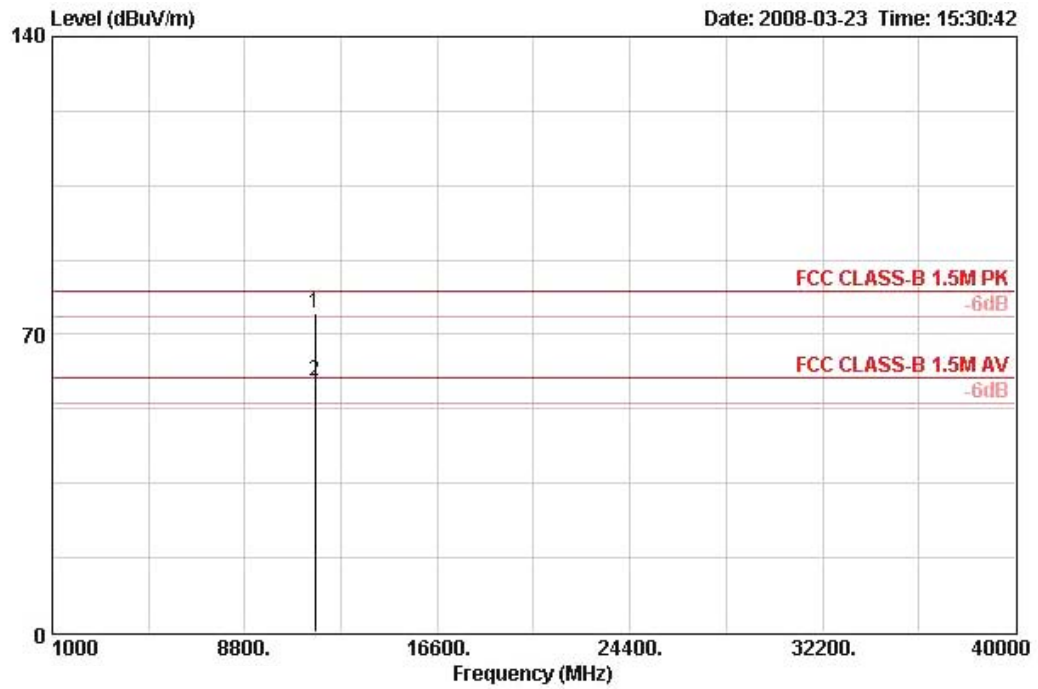
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 165 / Antenna 6

**Horizontal**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1 !	11647.000	58.66	-1.34	60.00	44.30	38.53	34.90	10.72	AVERAGE	5	111	HORIZONTAL
2	11656.600	72.43	-7.57	80.00	58.07	38.53	34.90	10.72	PEAK	5	111	HORIZONTAL

**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1 !	11645.600	75.07	-4.93	80.00	60.66	38.53	34.87	10.76	PEAK	327	100	VERTICAL
2 !	11655.100	59.13	-0.87	60.00	44.76	38.53	34.90	10.72	AVERAGE	327	100	VERTICAL

**Note:**

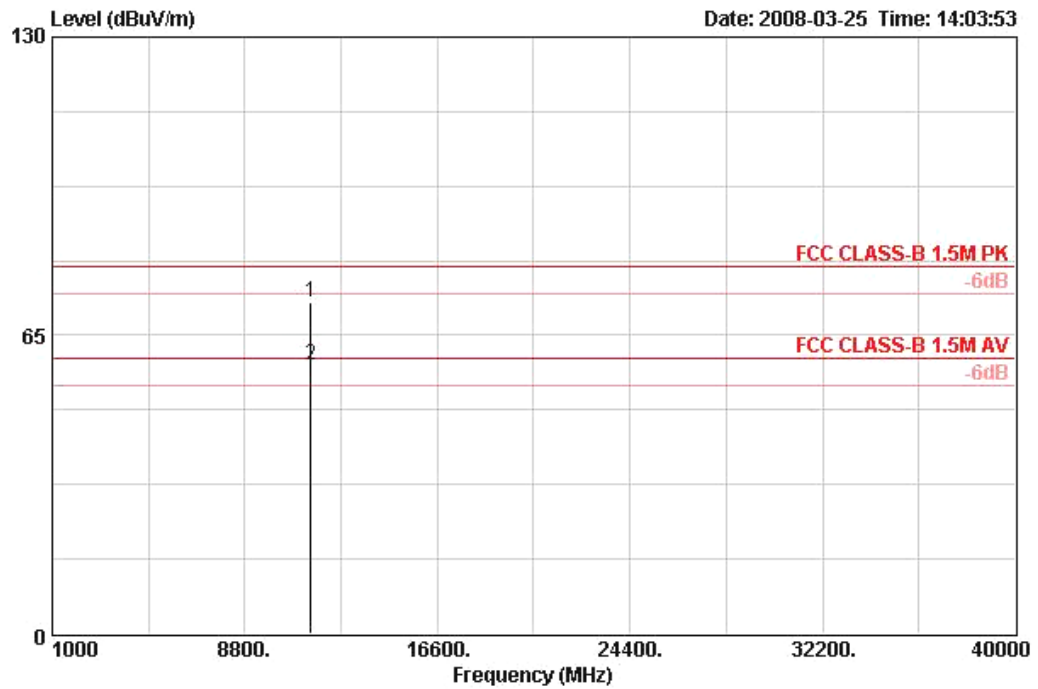
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 149 / Antenna 7

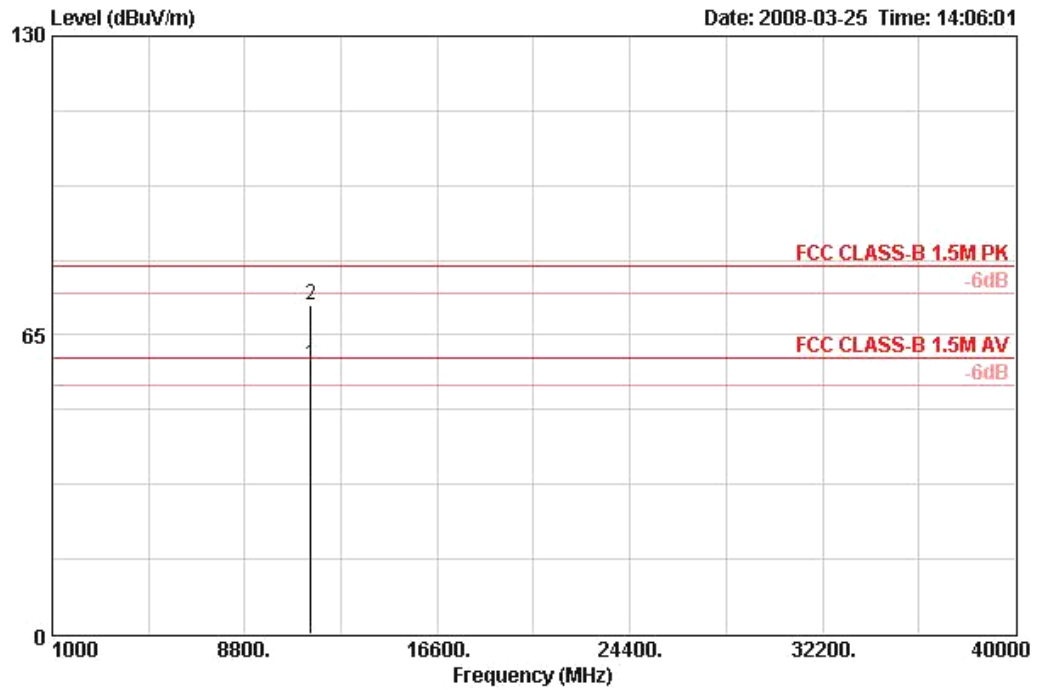
**Horizontal**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11486.800	72.22	-7.78	80.00	58.64	38.78	9.78	34.98	PEAK	130	107	HORIZONTAL
2	11487.000	58.69	-1.31	60.00	45.12	38.78	9.78	34.98	AVERAGE	130	107	HORIZONTAL



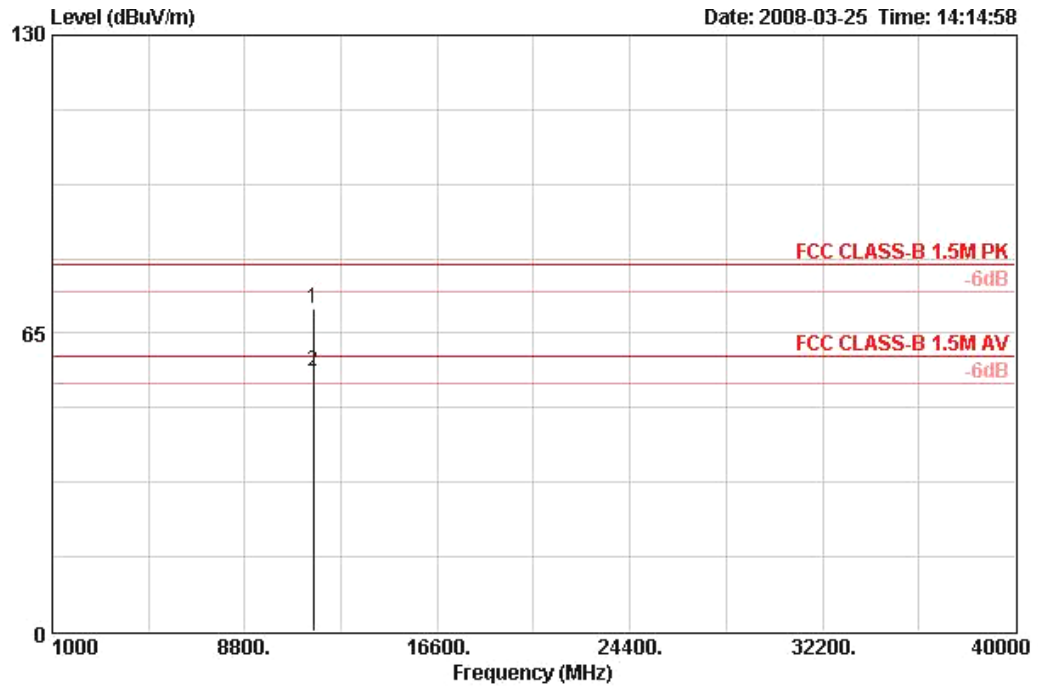
**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	11486.900	58.60	-1.40	60.00	45.02	38.78	9.78	34.98	AVERAGE	128	112	VERTICAL
2 @	11487.400	71.55	-8.45	80.00	57.97	38.78	9.78	34.98	PEAK	128	112	VERTICAL

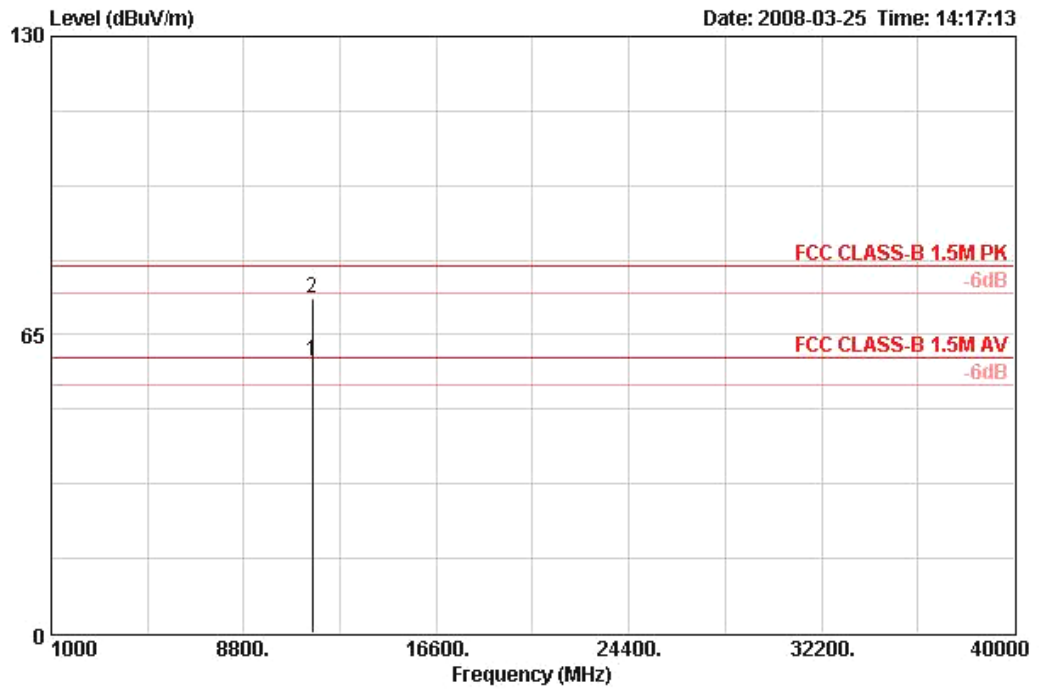
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 157 / Antenna 7

**Horizontal**



	Ereq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1 ☺	11567.400	70.28	-9.72	80.00	56.66	38.83	9.79	35.00	PEAK	142	100	HORIZONTAL
2 ☺	11567.600	56.80	-3.20	60.00	43.18	38.83	9.79	35.00	AVERAGE	142	100	HORIZONTAL

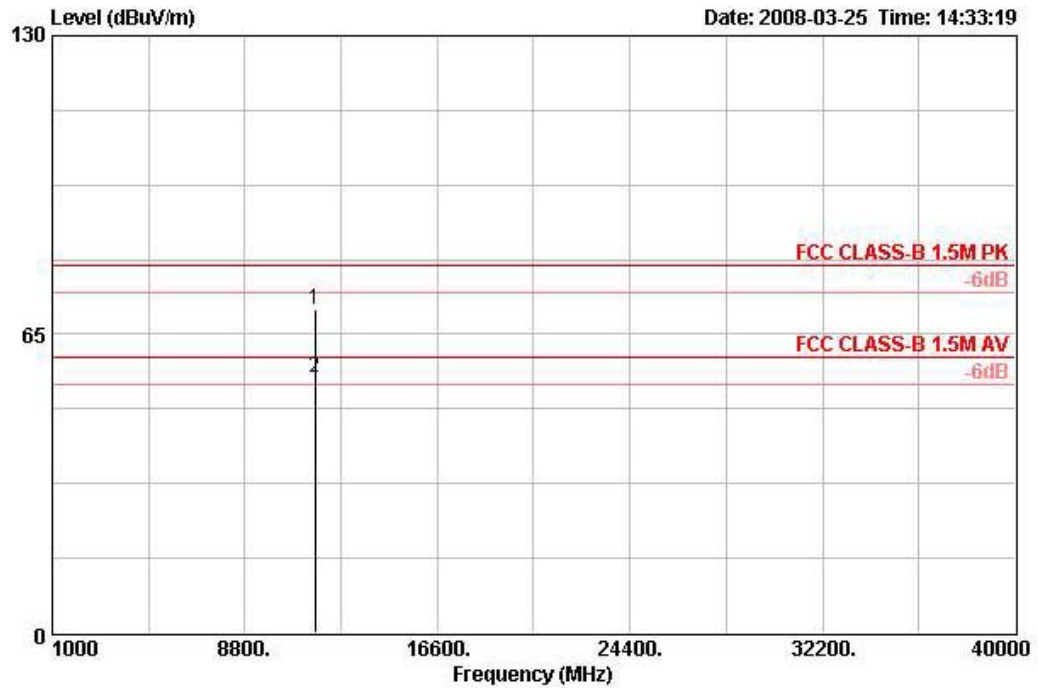
**Vertical**



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11567.800	59.23	-0.77	60.00	45.61	38.83	9.79	35.00	AVERAGE	119	253	VERTICAL
2	11567.800	72.81	-7.19	80.00	59.18	38.83	9.79	35.00	PEAK	119	253	VERTICAL

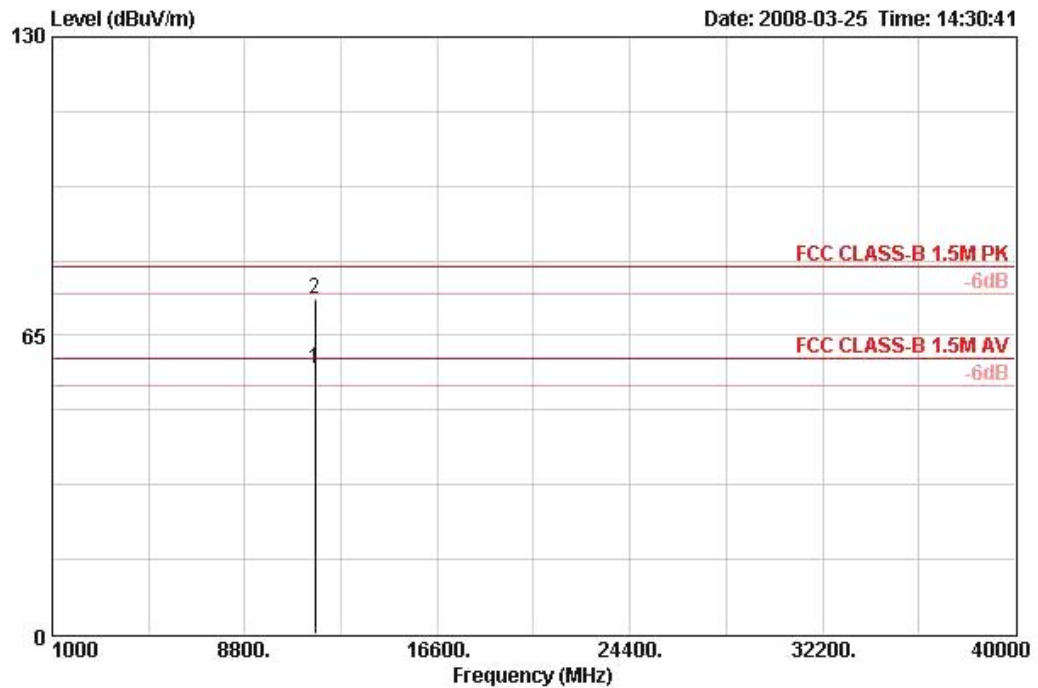
Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11a CH 165 / Antenna 7

**Horizontal**



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11645.600	70.30	-9.70	80.00	56.64	38.86	9.81	35.01	PEAK	126	129	HORIZONTAL
2	11646.500	55.40	-4.60	60.00	41.74	38.86	9.82	35.01	AVERAGE	126	129	HORIZONTAL

**Vertical**



	Freq	Level	Over Limit	Limit Line	Read Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11648.000	57.88	-2.12	60.00	44.22	38.86	9.82	35.01	AVERAGE	122	255	VERTICAL
2	11656.200	72.92	-7.08	80.00	59.24	38.86	9.82	35.01	PEAK	122	255	VERTICAL

**Note:**

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

Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

## 4.6. Band Edge Emissions Measurement

### 4.6.1. Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micovolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

### 4.6.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (Emission in restricted band)	1 MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	100 KHz /100 KHz for Peak

### 4.6.3. Test Procedures

1. The test procedure is the same as section 4.5.3, only the frequency range investigated is limited to 100MHz around bandedges.
2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

### 4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

### 4.6.5. Test Deviation

There is no deviation with the original standard.

### 4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Test Result of Band Edge and Fundamental Emissions

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11b CH 1, 6, 11 / Ant. 1

Channel 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2385.000	60.31	-13.69	74.00	28.05	28.13	4.13	0.00	PEAK	100	199	VERTICAL
2 @	2386.200	52.09	-1.91	54.00	19.79	28.17	4.13	0.00	AVERAGE	100	199	VERTICAL
3 @	2410.800	111.44			79.07	28.21	4.15	0.00	AVERAGE	100	199	VERTICAL
4 @	2413.000	117.30			84.94	28.21	4.15	0.00	PEAK	100	199	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2389.800	59.65	-14.35	74.00	27.33	28.17	4.15	0.00	PEAK	100	194	VERTICAL
2 @	2390.000	48.19	-5.81	54.00	15.87	28.17	4.15	0.00	AVERAGE	100	194	VERTICAL
3 @	2437.800	112.20			79.73	28.29	4.18	0.00	AVERAGE	100	194	VERTICAL
4 @	2438.200	117.65			85.19	28.29	4.18	0.00	PEAK	100	194	VERTICAL
5 @	2483.500	47.75	-6.25	54.00	15.16	28.36	4.23	0.00	AVERAGE	100	194	VERTICAL
6 @	2483.900	58.72	-15.28	74.00	26.14	28.36	4.23	0.00	PEAK	100	194	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2459.200	113.13			80.60	28.32	4.20	0.00	AVERAGE	100	181	VERTICAL
2 @	2464.200	117.48			84.96	28.32	4.20	0.00	PEAK	100	181	VERTICAL
3 @	2486.900	61.42	-12.58	74.00	28.83	28.36	4.23	0.00	PEAK	100	181	VERTICAL
4 @	2487.500	50.54	-3.46	54.00	17.92	28.40	4.23	0.00	AVERAGE	100	181	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 1, 6, 11 / Ant. 1

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2459.000	104.97			72.44	28.32	4.20	0.00	AVERAGE	100	181	VERTICAL
2 @	2459.400	116.00			83.47	28.32	4.20	0.00	PEAK	100	181	VERTICAL
3 @	2483.500	52.85	-1.15	54.00	20.26	28.36	4.23	0.00	AVERAGE	100	181	VERTICAL
4 @	2483.900	71.40	-2.60	74.00	38.81	28.36	4.23	0.00	PEAK	100	181	VERTICAL

Item 1, 2 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2389.800	66.25	-7.75	74.00	33.92	28.17	4.15	0.00	PEAK	104	179	VERTICAL
2 @	2390.000	53.97	-0.03	54.00	21.65	28.17	4.15	0.00	AVERAGE	104	179	VERTICAL
3 @	2434.000	111.19			78.76	28.25	4.18	0.00	AVERAGE	104	179	VERTICAL
4 @	2436.200	122.63			90.21	28.25	4.18	0.00	PEAK	104	179	VERTICAL
5 @	2483.500	51.29	-2.71	54.00	18.70	28.36	4.23	0.00	AVERAGE	104	179	VERTICAL
6 @	2483.500	65.23	-8.77	74.00	32.64	28.36	4.23	0.00	PEAK	104	179	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2387.600	71.18	-2.82	74.00	38.87	28.17	4.13	0.00	PEAK	100	198	VERTICAL
2 @	2390.000	53.01	-0.99	54.00	20.69	28.17	4.15	0.00	AVERAGE	100	198	VERTICAL
3 @	2409.800	116.30			83.94	28.21	4.15	0.00	PEAK	100	198	VERTICAL
4 @	2415.000	104.45			72.09	28.21	4.15	0.00	AVERAGE	100	198	VERTICAL

Item 3, 4 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11a CH 149, 157, 165 / Ant. 1

**Channel 149**

	Freq	Level	Over Limit		ReadAntenna		Cable Preamp		Remark	Ant Pos	Table	
			Limit	Line	Level	Factor	Loss	Factor			Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5747.800	121.29			80.11	34.35	6.84	0.00	AVERAGE	120	216	VERTICAL
2	5748.200	133.57			92.39	34.35	6.84	0.00	PEAK	120	216	VERTICAL

Item 1, 2 are the fundamental frequency at 5745 MHz.

**Channel 157**

	Freq	Level	Over Limit		ReadAntenna		Cable Preamp		Remark	Ant Pos	Table	
			Limit	Line	Level	Factor	Loss	Factor			Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5782.600	119.05			77.84	34.36	6.86	0.00	AVERAGE	126	217	VERTICAL
2 over	5783.000	132.56			91.34	34.36	6.86	0.00	PEAK	126	217	VERTICAL

Item 1, 2 are the fundamental frequency at 5785 MHz.

**Channel 165**

	Freq	Level	Over Limit		ReadAntenna		Cable Preamp		Remark	Ant Pos	Table	
			Limit	Line	Level	Factor	Loss	Factor			Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5822.000	119.11			77.87	34.37	6.88	0.00	AVERAGE	127	201	VERTICAL
2	5826.000	132.39			91.15	34.37	6.88	0.00	PEAK	127	201	VERTICAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11b CH 1, 6, 11 / Ant. 2

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2385.200	53.53	-0.47	54.00	21.27	28.13	4.13	0.00	AVERAGE	139	261	VERTICAL
2 @	2386.000	62.83	-11.17	74.00	30.52	28.17	4.13	0.00	PEAK	139	261	VERTICAL
3 @	2410.600	118.68			86.31	28.21	4.15	0.00	PEAK	139	261	VERTICAL
4 @	2411.200	113.84			81.48	28.21	4.15	0.00	AVERAGE	139	261	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2389.200	64.09	-9.91	74.00	31.79	28.17	4.13	0.00	PEAK	121	267	VERTICAL
2 @	2389.800	53.82	-0.18	54.00	21.50	28.17	4.15	0.00	AVERAGE	121	267	VERTICAL
3 @	2435.800	121.41			88.99	28.25	4.18	0.00	PEAK	121	267	VERTICAL
4 @	2435.800	115.66			83.24	28.25	4.18	0.00	AVERAGE	121	267	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2460.624	122.52			89.99	28.32	4.20	0.00	PEAK	141	279	VERTICAL
2 @	2461.017	117.33			84.80	28.32	4.20	0.00	AVERAGE	141	279	VERTICAL
3 @	2484.483	53.53	-0.47	54.00	20.95	28.36	4.23	0.00	AVERAGE	141	279	VERTICAL
4 @	2489.005	64.25	-9.75	74.00	31.63	28.40	4.23	0.00	PEAK	141	279	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

**Note:**

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11g CH 1, 6, 11 / Ant. 2

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2390.000	53.75	-0.25	54.00	21.42	28.17	4.15	0.00	AVERAGE	122	276	VERTICAL
2 @	2390.000	67.34	-6.66	74.00	35.01	28.17	4.15	0.00	PEAK	122	276	VERTICAL
3 @	2409.800	107.78			75.41	28.21	4.15	0.00	AVERAGE	122	276	VERTICAL
4 @	2414.600	119.72			87.36	28.21	4.15	0.00	PEAK	122	276	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2389.400	64.75	-9.25	74.00	32.45	28.17	4.13	0.00	PEAK	125	267	VERTICAL
2 @	2390.000	52.78	-1.22	54.00	20.46	28.17	4.15	0.00	AVERAGE	125	267	VERTICAL
3 @	2433.600	117.25			84.83	28.25	4.18	0.00	PEAK	125	267	VERTICAL
4 @	2438.600	104.96			72.49	28.29	4.18	0.00	AVERAGE	125	267	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2461.200	117.10			84.58	28.32	4.20	0.00	PEAK	154	250	VERTICAL
2 @	2468.200	105.01			72.46	28.32	4.23	0.00	AVERAGE	154	250	VERTICAL
3 @	2483.500	53.26	-0.74	54.00	20.67	28.36	4.23	0.00	AVERAGE	154	250	VERTICAL
4 @	2483.900	67.88	-6.12	74.00	35.30	28.36	4.23	0.00	PEAK	154	250	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11b CH 1, 6, 11 / Ant. 3

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2385.800	62.51	-11.49	74.00	30.20	28.17	4.13	0.00	PEAK	126	129	VERTICAL
2 !	2387.000	53.79	-0.21	54.00	21.49	28.17	4.13	0.00	AVERAGE	126	129	VERTICAL
3	2408.600	111.94			79.58	28.21	4.15	0.00	PEAK	126	129	VERTICAL
4 @	2414.200	107.15			74.78	28.21	4.15	0.00	AVERAGE	126	129	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2389.800	63.12	-10.88	74.00	30.79	28.17	4.15	0.00	PEAK	129	130	VERTICAL
2 !	2390.000	53.11	-0.89	54.00	20.78	28.17	4.15	0.00	AVERAGE	129	130	VERTICAL
3 @	2435.400	114.37			81.95	28.25	4.18	0.00	AVERAGE	129	130	VERTICAL
4 @	2438.200	120.99			88.53	28.29	4.18	0.00	PEAK	129	130	VERTICAL
5 !	2483.500	50.00	-4.00	54.00	17.41	28.36	4.23	0.00	AVERAGE	129	130	VERTICAL
6	2484.300	61.57	-12.43	74.00	28.98	28.36	4.23	0.00	PEAK	129	130	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2464.600	119.46			86.93	28.32	4.20	0.00	PEAK	123	144	VERTICAL
2 @	2464.800	113.67			81.14	28.32	4.20	0.00	AVERAGE	123	144	VERTICAL
3 !	2487.100	52.45	-1.55	54.00	19.86	28.36	4.23	0.00	AVERAGE	123	144	VERTICAL
4	2488.100	61.98	-12.02	74.00	29.35	28.40	4.23	0.00	PEAK	123	144	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11g CH 1, 6, 11 / Ant. 3

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2390.000	53.71	-0.29	54.00	21.39	28.17	4.15	0.00	AVERAGE	128	320	VERTICAL
2 @	2390.000	69.14	-4.86	74.00	36.81	28.17	4.15	0.00	PEAK	128	320	VERTICAL
3 @	2405.200	117.00			84.64	28.21	4.15	0.00	PEAK	128	320	VERTICAL
4 @	2407.000	103.67			71.31	28.21	4.15	0.00	AVERAGE	128	320	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2389.800	64.84	-9.16	74.00	32.51	28.17	4.15	0.00	PEAK	123	318	VERTICAL
2 @	2390.000	53.83	-0.17	54.00	21.50	28.17	4.15	0.00	AVERAGE	123	318	VERTICAL
3 @	2434.000	107.21			74.78	28.25	4.18	0.00	AVERAGE	123	318	VERTICAL
4 @	2434.800	119.66			87.23	28.25	4.18	0.00	PEAK	123	318	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2458.800	100.86			68.34	28.32	4.20	0.00	AVERAGE	122	323	VERTICAL
2 @	2466.000	112.96			80.43	28.32	4.20	0.00	PEAK	122	323	VERTICAL
3 @	2483.500	53.14	-0.86	54.00	20.56	28.36	4.23	0.00	AVERAGE	122	323	VERTICAL
4 @	2483.700	66.67	-7.33	74.00	34.08	28.36	4.23	0.00	PEAK	122	323	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11b CH 1, 6, 11 / Ant. 4

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	2386.000	51.07	-2.93	54.00	20.67	28.05	2.35	0.00	AVERAGE	134	186	HORIZONTAL
2	2386.000	60.26	-13.74	74.00	29.86	28.05	2.35	0.00	PEAK	134	186	HORIZONTAL
3	2413.400	111.56			81.10	28.09	2.36	0.00	PEAK	134	186	HORIZONTAL
4 @	2414.200	106.86			76.41	28.09	2.36	0.00	AVERAGE	134	186	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2388.400	55.19	-18.81	74.00	24.79	28.05	2.35	0.00	PEAK	123	359	HORIZONTAL
2	2390.000	43.55	-10.45	54.00	13.13	28.05	2.36	0.00	AVERAGE	123	359	HORIZONTAL
3	2436.000	105.39			74.87	28.13	2.38	0.00	PEAK	123	359	HORIZONTAL
4 @	2436.400	107.90			77.39	28.13	2.38	0.00	AVERAGE	123	359	HORIZONTAL
5	2484.920	47.66	-6.34	54.00	16.99	28.26	2.41	0.00	AVERAGE	123	359	HORIZONTAL
6	2485.200	58.36	-15.64	74.00	27.69	28.26	2.41	0.00	PEAK	123	359	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2459.800	106.57			75.96	28.22	2.40	0.00	AVERAGE	126	359	HORIZONTAL
2	2460.600	110.63			80.01	28.22	2.40	0.00	PEAK	126	359	HORIZONTAL
3 !	2488.000	53.11	-0.89	54.00	22.40	28.30	2.41	0.00	AVERAGE	126	359	HORIZONTAL
4	2488.300	62.07	-11.93	74.00	31.36	28.30	2.41	0.00	PEAK	126	359	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 1, 6, 11 / Ant. 4

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	2388.200	71.24	-2.76	74.00	40.84	28.05	2.35	0.00	PEAK	160	359	HORIZONTAL
2 !	2390.000	52.43	-1.57	54.00	22.01	28.05	2.36	0.00	AVERAGE	160	359	HORIZONTAL
3	2413.000	108.74			78.29	28.09	2.36	0.00	PEAK	160	359	HORIZONTAL
4	2414.800	100.32			69.86	28.09	2.36	0.00	AVERAGE	160	359	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2389.200	60.56	-13.44	74.00	30.16	28.05	2.35	0.00	PEAK	124	348	HORIZONTAL
2	2390.000	46.31	-7.69	54.00	15.89	28.05	2.36	0.00	AVERAGE	124	348	HORIZONTAL
3	2435.800	102.08			71.57	28.13	2.38	0.00	AVERAGE	124	348	HORIZONTAL
4	2436.000	114.33			83.82	28.13	2.38	0.00	PEAK	124	348	HORIZONTAL
5	2483.500	47.16	-6.84	54.00	16.49	28.26	2.41	0.00	AVERAGE	124	348	HORIZONTAL
6	2484.100	62.11	-11.89	74.00	31.44	28.26	2.41	0.00	PEAK	124	348	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2457.400	109.03			78.41	28.22	2.40	0.00	PEAK	127	359	HORIZONTAL
2	2458.400	98.23			67.62	28.22	2.40	0.00	AVERAGE	127	359	HORIZONTAL
3 !	2483.500	53.61	-0.39	54.00	22.94	28.26	2.41	0.00	AVERAGE	127	359	HORIZONTAL
4 !	2483.900	73.38	-0.62	74.00	42.71	28.26	2.41	0.00	PEAK	127	359	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11b CH 1, 6, 11 / Ant. 5

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2386.000	53.13	-0.87	54.00	20.82	28.17	4.13	0.00	AVERAGE	102	116	VERTICAL
2 @	2386.200	62.24	-11.76	74.00	29.93	28.17	4.13	0.00	PEAK	102	116	VERTICAL
3 @	2412.600	102.13			69.77	28.21	4.15	0.00	AVERAGE	102	116	VERTICAL
4 @	2413.200	106.80			74.43	28.21	4.15	0.00	PEAK	102	116	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2390.000	46.04	-7.96	54.00	13.72	28.17	4.15	0.00	AVERAGE	100	233	VERTICAL
2 @	2390.000	55.88	-18.12	74.00	23.56	28.17	4.15	0.00	PEAK	100	233	VERTICAL
3 @	2434.200	106.17			73.74	28.25	4.18	0.00	AVERAGE	100	233	VERTICAL
4 @	2436.200	110.95			78.53	28.25	4.18	0.00	PEAK	100	233	VERTICAL
5 @	2483.500	57.04	-16.96	74.00	24.45	28.36	4.23	0.00	PEAK	100	233	VERTICAL
6 @	2483.500	46.66	-7.34	54.00	14.08	28.36	4.23	0.00	AVERAGE	100	233	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2459.200	105.92			73.40	28.32	4.20	0.00	AVERAGE	100	217	VERTICAL
2 @	2460.600	111.39			78.86	28.32	4.20	0.00	PEAK	100	217	VERTICAL
3 @	2487.100	59.67	-14.33	74.00	27.09	28.36	4.23	0.00	PEAK	100	217	VERTICAL
4 @	2487.300	51.63	-2.37	54.00	19.04	28.36	4.23	0.00	AVERAGE	100	217	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Temperature	23°C	Humidity	62%
Test Engineer	Jax Chen	Configurations	802.11g CH 1, 6, 11 / Ant. 5

**Channel 1**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2387.000	71.24	-2.76	74.00	38.94	28.17	4.13	0.00	PEAK	100	121	VERTICAL
2 @	2390.000	53.89	-0.11	54.00	21.56	28.17	4.15	0.00	AVERAGE	100	121	VERTICAL
3 @	2409.400	98.06			65.70	28.21	4.15	0.00	AVERAGE	100	121	VERTICAL
4 @	2417.800	109.29			76.91	28.21	4.18	0.00	PEAK	100	121	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

**Channel 6**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2388.800	67.82	-6.18	74.00	35.52	28.17	4.13	0.00	PEAK	100	275	VERTICAL
2 @	2390.000	49.13	-4.87	54.00	16.80	28.17	4.15	0.00	AVERAGE	100	275	VERTICAL
3 @	2435.000	101.33			68.90	28.25	4.18	0.00	AVERAGE	100	275	VERTICAL
4 @	2436.400	113.34			80.91	28.25	4.18	0.00	PEAK	100	275	VERTICAL
5 @	2483.500	51.02	-2.98	54.00	18.43	28.36	4.23	0.00	AVERAGE	100	275	VERTICAL
6 @	2483.700	67.95	-6.05	74.00	35.36	28.36	4.23	0.00	PEAK	100	275	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

**Channel 11**

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2459.000	107.52			74.99	28.32	4.20	0.00	PEAK	100	165	VERTICAL
2 @	2459.000	96.17			63.65	28.32	4.20	0.00	AVERAGE	100	165	VERTICAL
3 @	2483.500	51.29	-2.71	54.00	18.70	28.36	4.23	0.00	AVERAGE	100	165	VERTICAL
4 @	2483.500	69.53	-4.47	74.00	36.94	28.36	4.23	0.00	PEAK	100	165	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<b>Temperature</b>	23°C	<b>Humidity</b>	62%
<b>Test Engineer</b>	Jax Chen	<b>Configurations</b>	802.11a CH 149, 157, 165 / Ant. 5

### Channel 149

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5746.600	111.55			70.37	34.35	6.84	0.00	AVERAGE	141	272	VERTICAL
2 @	5747.600	123.32			82.14	34.35	6.84	0.00	PEAK	141	272	VERTICAL

Item 1, 2 are the fundamental frequency at 5745 MHz.

### Channel 157

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5780.200	122.93			81.73	34.36	6.85	0.00	PEAK	114	276	VERTICAL
2 @	5782.600	112.17			70.95	34.36	6.86	0.00	AVERAGE	114	276	VERTICAL

Item 1, 2 are the fundamental frequency at 5785 MHz.

### Channel 165

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5823.000	109.57			68.33	34.37	6.88	0.00	AVERAGE	133	55	HORIZONTAL
2 @	5824.200	121.50			80.26	34.37	6.88	0.00	PEAK	133	55	HORIZONTAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.