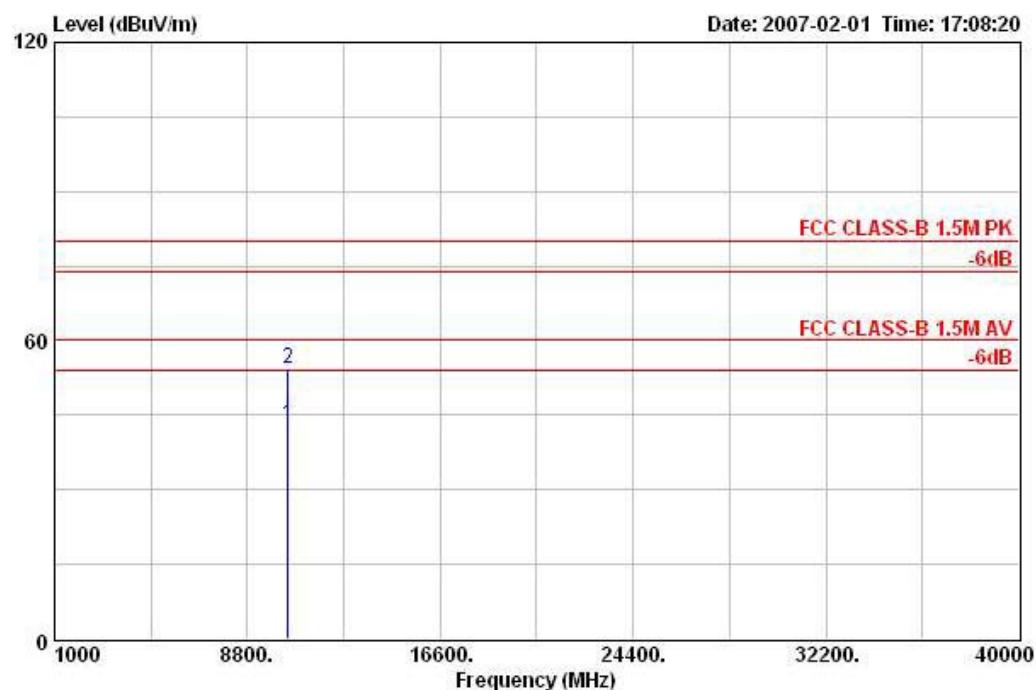
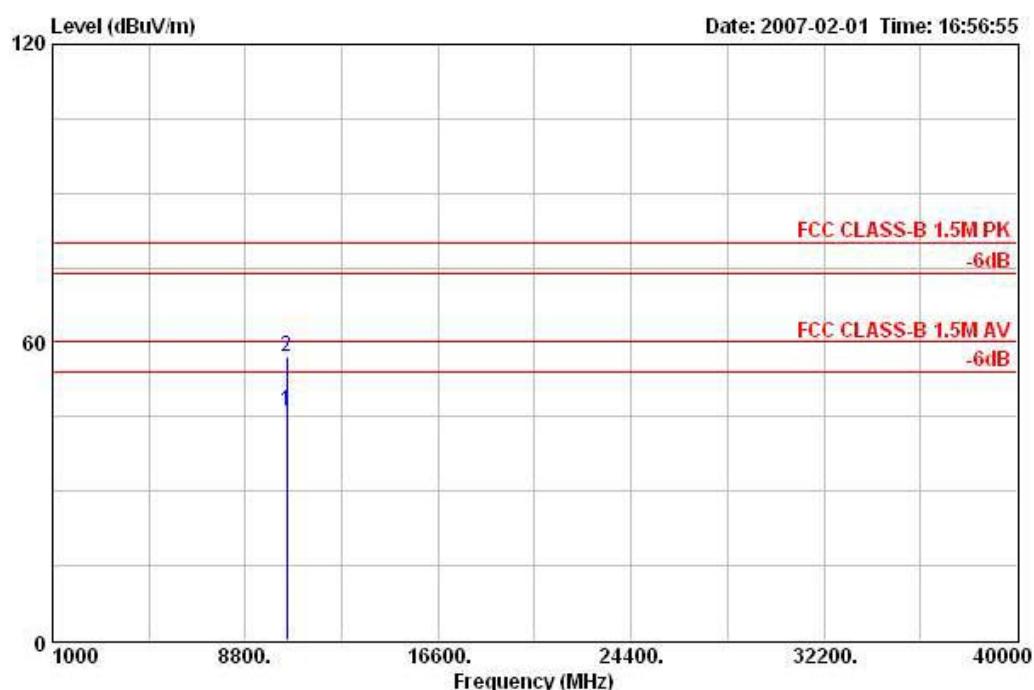


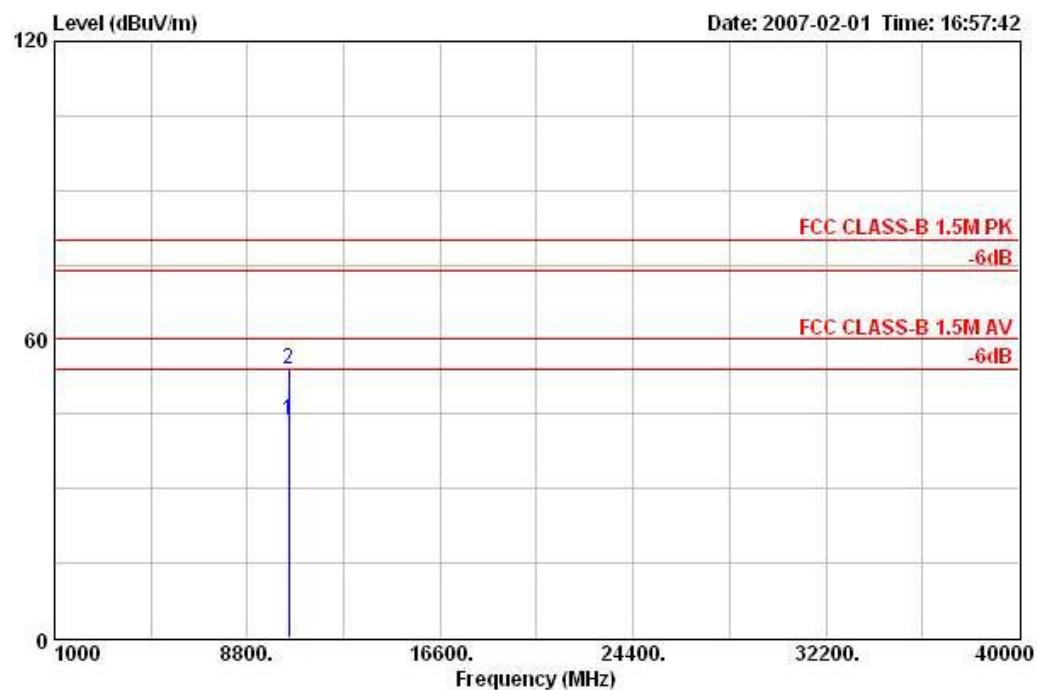
**Horizontal**


Freq	Level	Over Limit		Line Distance	Read Preamp		Cable Antenna		Remark	Ant Pos	Table Pos	Table Pol/Ph	
		MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m			
1	10441.020	43.22	-16.78	60.00		3	29.21	35.27	10.30	38.98	AVERAGE	135	94 HORIZO
2	10441.020	54.27	-25.73	80.00		3	40.27	35.27	10.30	38.98	PEAK	135	94 HORIZO

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 1

**Vertical**


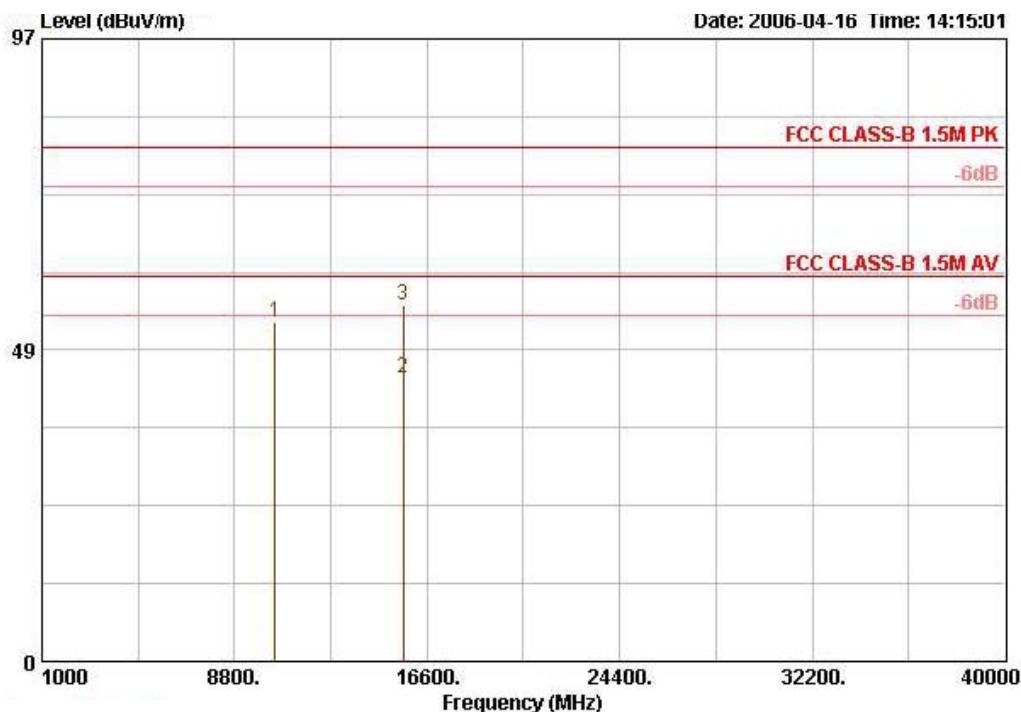
Freq	Level	Over Limit		Line Distance	Read		Preamp	Cable Antenna		Remark	Ant Pos	Table Pos	Table Pol/Ph
		MHz	dBuV/m		dB	dBuV/m		m	dBuV	dB			
1	10481.210	46.13	-13.87	60.00				3	32.00	35.21	10.35	38.99	AVERAGE
2	10481.210	57.11	-22.89	80.00				3	42.98	35.21	10.35	38.99	PEAK

**Horizontal**


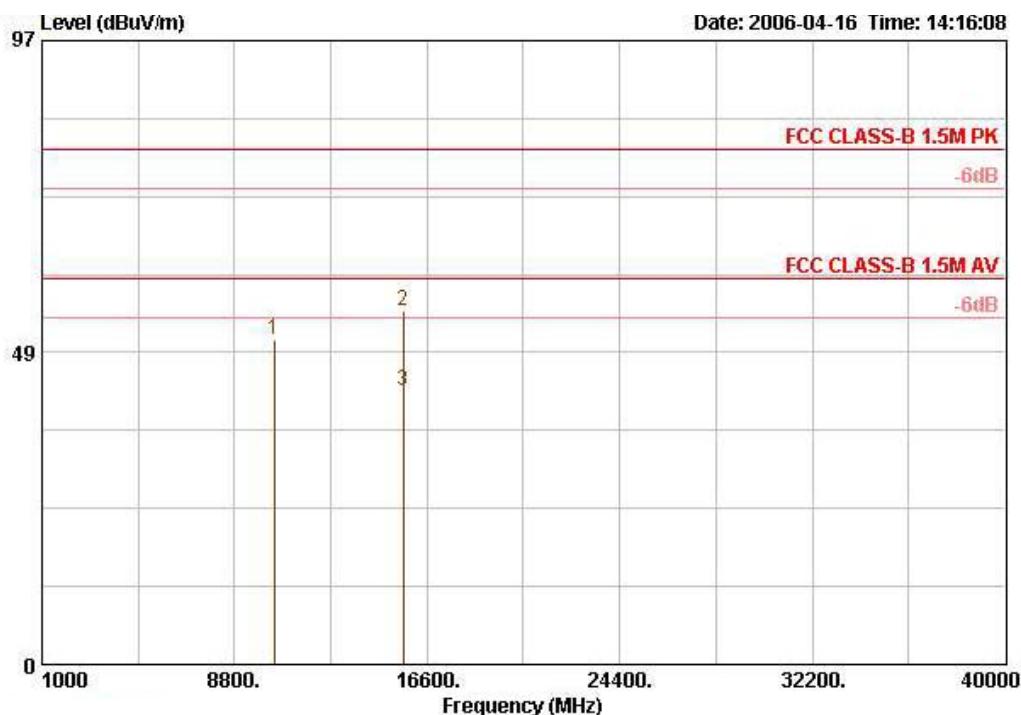
	Freq	Level	Over Limit	Limit	Line Distance	Read	Preamp	Cable	Antenna	Ant Pos	Table Pos	Table Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m	cm	deg	
1	10481.210	43.88	-16.12	60.00	3	29.76	35.21	10.35	38.99	AVERAGE	123	105 HORIZONTAL
2	10481.210	54.14	-25.86	80.00	3	40.02	35.21	10.35	38.99	PEAK	123	105 HORIZONTAL

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 1

## Vertical



Freq	Level	Over Limit	Antenna Line Factor	Cable Loss Factor	Preamp Factor	Read Level		Ant Pos	Table Pos
						dB	dBuV/m		
								cm	deg
1 @	10423.700	52.96	-27.04	80.00	39.40	5.86	35.48	43.17 PEAK	115 230
2 @	15631.300	44.20	-15.80	60.00	38.01	9.32	35.62	32.49 AVERAGE	109 231
3 @	15631.300	55.43	-24.57	80.00	38.01	9.32	35.62	43.73 PEAK	109 231

**Horizontal**


Freq	Level	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table	
		Limit	Line	Factor	Cable	Preamp	Level			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg	
1 @	10421.200	50.42	-29.58	80.00	39.40	5.86	35.50	40.66 PEAK	117	233
2 @	15631.800	55.06	-24.94	80.00	38.01	9.32	35.62	43.35 PEAK	117	235
3 @	15640.800	42.46	-17.54	60.00	38.01	9.32	35.62	30.75 AVERAGE	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 Emission level (uV/m).

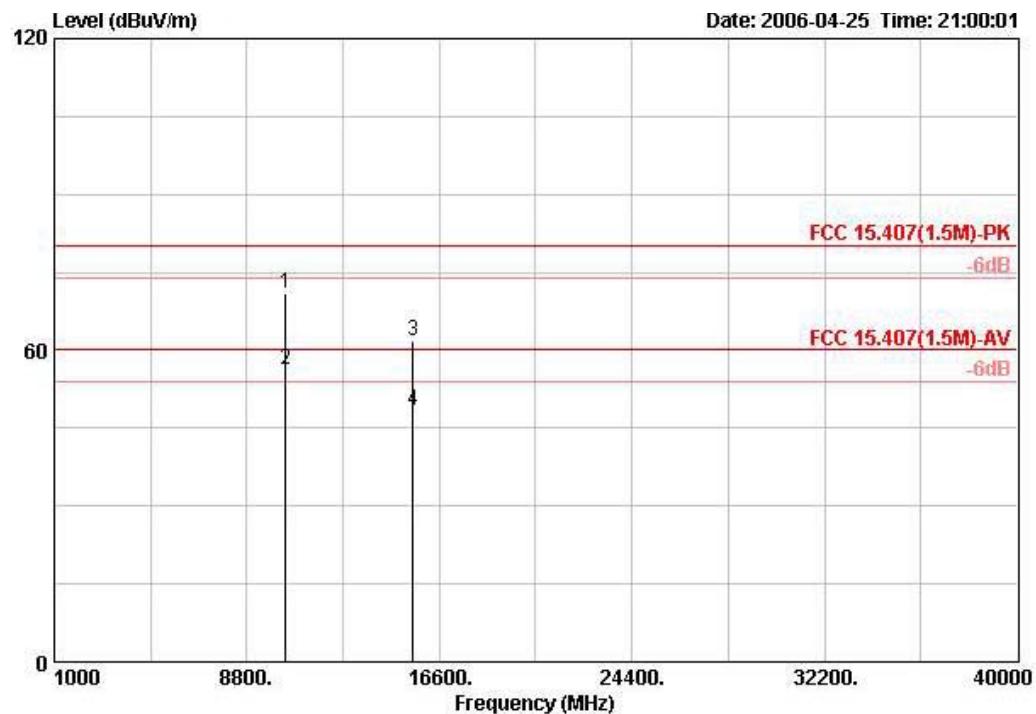
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

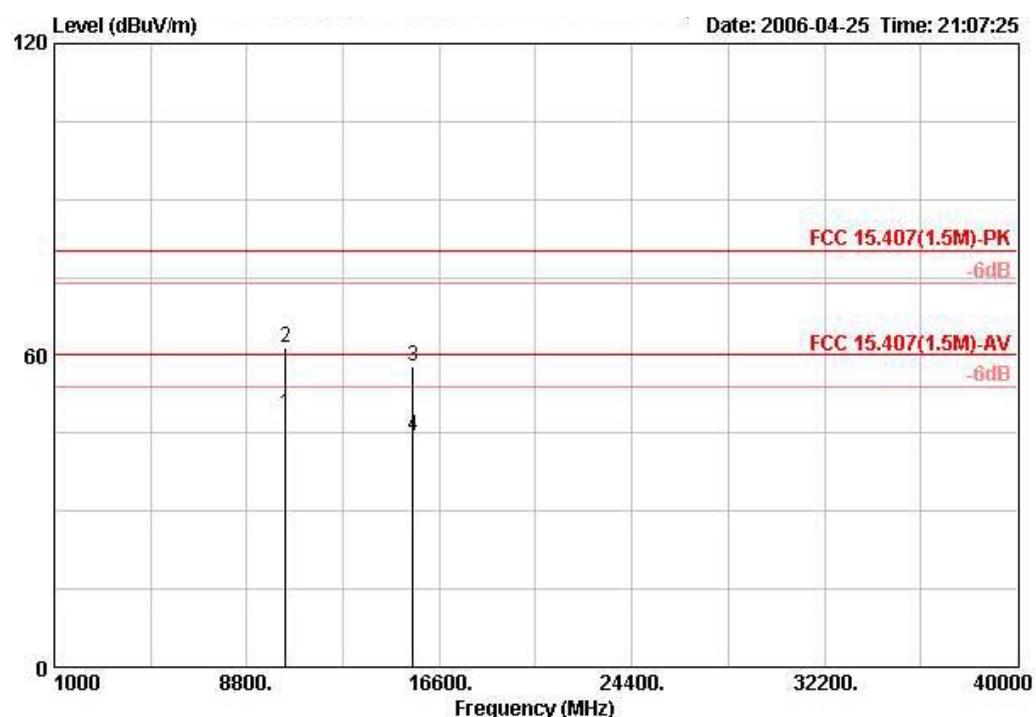
Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 2

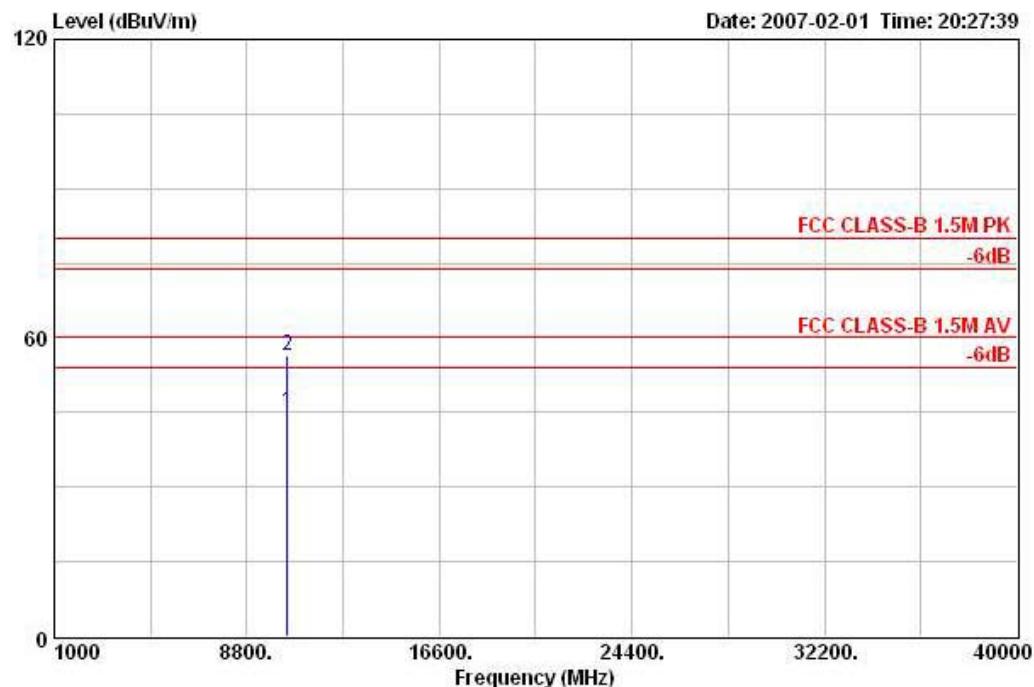
**Vertical**


Freq	Level	Over Limit	Limit Line	Read		Antenna Factor	Cable Preamp		Remark	Pol/Phase	Distance
				MHz	dBuV/m		dB	dBuV/m	dBuV	dB/m	
1	10360.640	70.92	-9.08	80.00	59.84	38.53	7.67	35.12	PERK	VERTICAL	3
2	10361.320	56.10	-3.90	60.00	45.01	38.53	7.67	35.12	AVERAGE	VERTICAL	3
3	15539.640	61.91	-18.09	80.00	50.70	38.06	8.43	35.28	PERK	VERTICAL	3
4	15539.640	48.36	-11.64	60.00	37.15	38.06	8.43	35.28	AVERAGE	VERTICAL	3

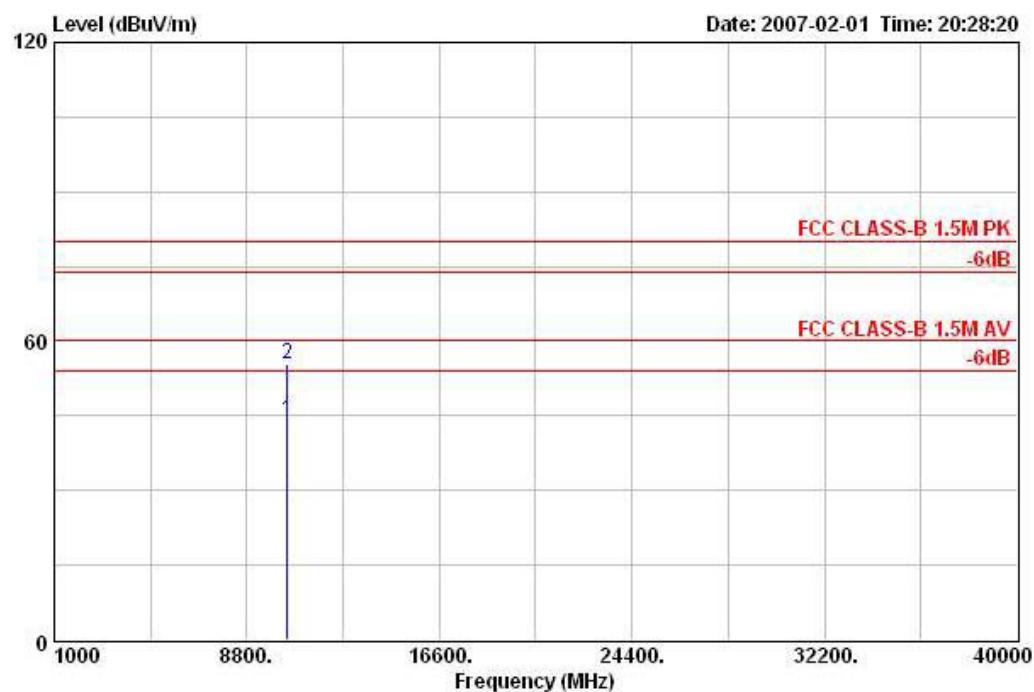
**Horizontal**


Freq	Level	Over Limit	Limit Line	Read Antenna		Cable Preamp		Remark	Pol/Phase	Distance	
				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB
1	10358.800	48.65	-11.35	60.00	37.56	38.53	7.67	35.12	AVERAGE	HORIZONTAL	3
2	10359.360	61.44	-18.56	80.00	50.36	38.53	7.67	35.12	PEAK	HORIZONTAL	3
3	15532.680	57.76	-22.24	80.00	46.57	38.06	8.42	35.28	PEAK	HORIZONTAL	3
4	15540.760	44.53	-15.47	60.00	33.32	38.06	8.43	35.28	AVERAGE	HORIZONTAL	3

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 40 / Ant. 2

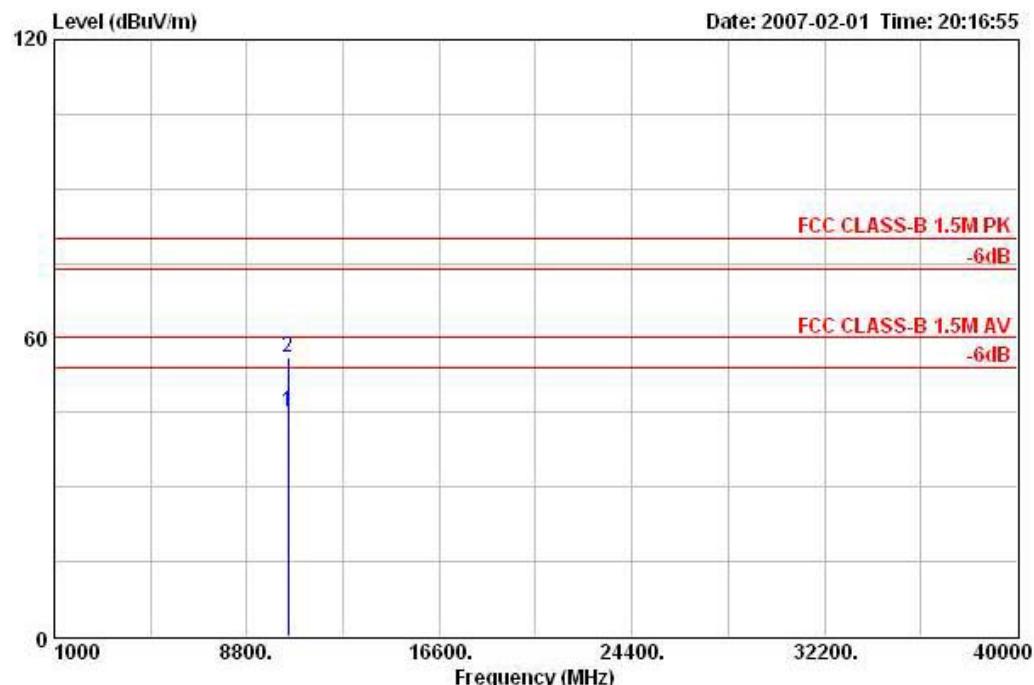
**Vertical**


Freq	Level	Over Limit		Line Distance	Read Preamp		Cable Antenna		Remark	Ant Pos	Table Pos	Table Pol/Ph	
		MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m			
1	10441.020	45.25	-14.75	60.00	3	31.24	35.27	10.30	38.98	AVERAGE	127	117	VERTIC
2	10441.020	56.28	-23.72	80.00	3	42.28	35.27	10.30	38.98	PEAK	127	117	VERTIC

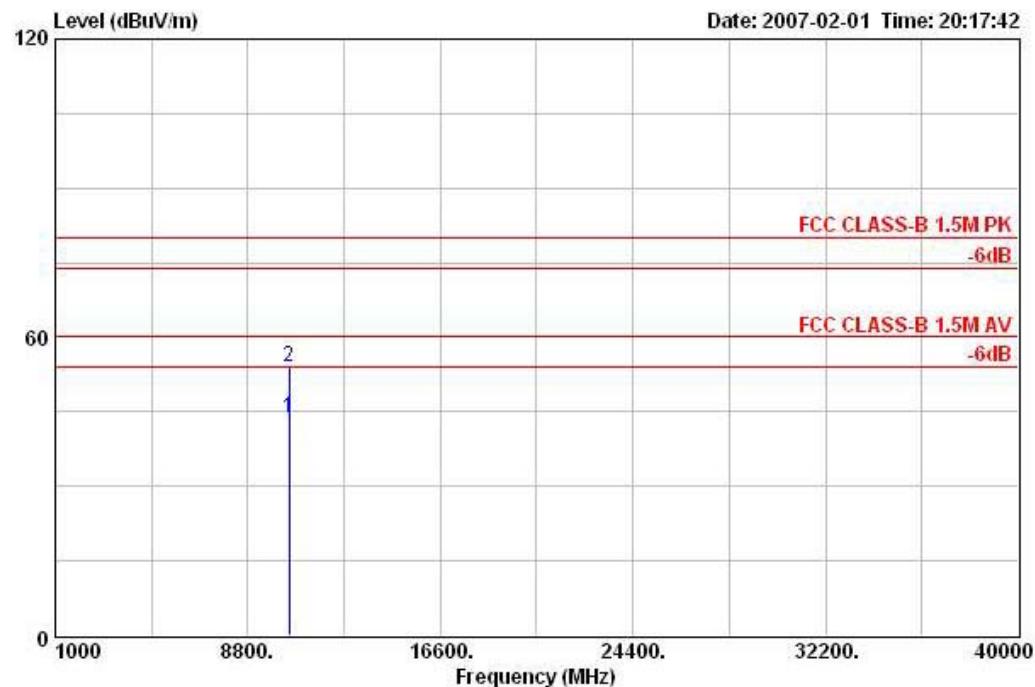
**Horizontal**


Freq	Level	Over Limit		Line Distance	Read Preamp		Cable Antenna		Remark	Ant Pos	Table Pos	Table Pol/Ph	
		MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m			
1 @	10441.020	44.22	-15.78	60.00		3	30.21	35.27	10.30	38.98	AVERAGE	135	94 HORIZO
2	10441.020	55.27	-24.73	80.00		3	41.27	35.27	10.30	38.98	PEAK	135	94 HORIZO

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 2

**Vertical**


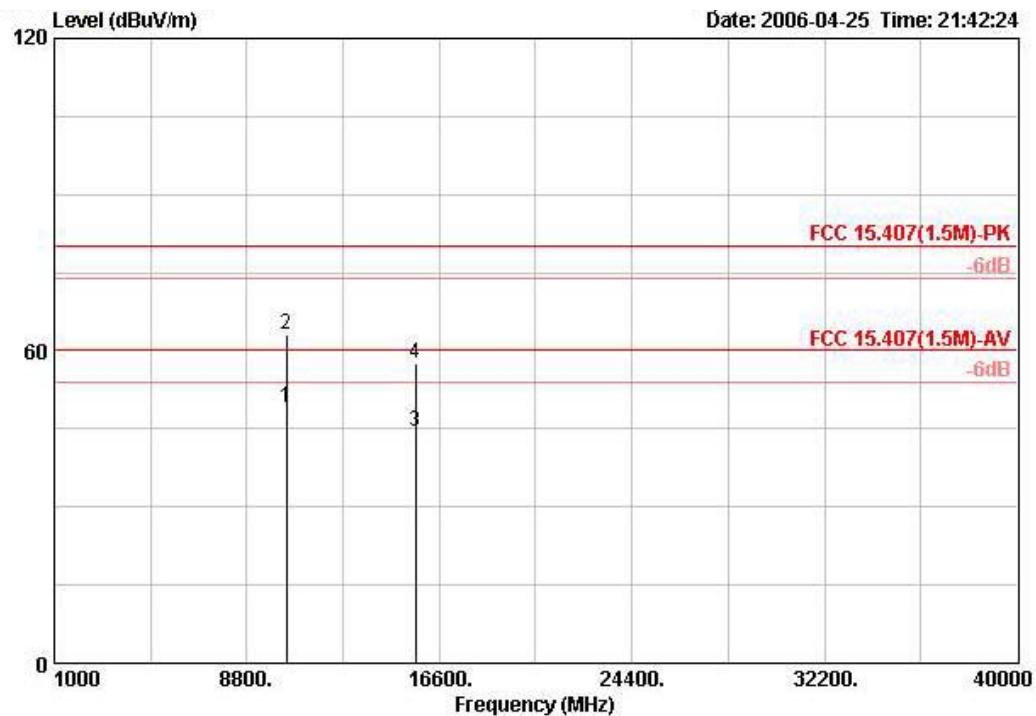
Freq	Level	Over Limit		Line Distance	Read		Preamp Factor	Cable Antenna		Remark	Ant Pos	Table Pos	Pol/Ph
		MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m			
1	10481.210	45.13	-14.87	60.00	3	31.00	35.21	10.35	38.99	AVERAGE	116	105	VERTIC
2	10481.210	56.11	-23.89	80.00	3	41.98	35.21	10.35	38.99	PEAK	116	105	VERTIC

**Horizontal**


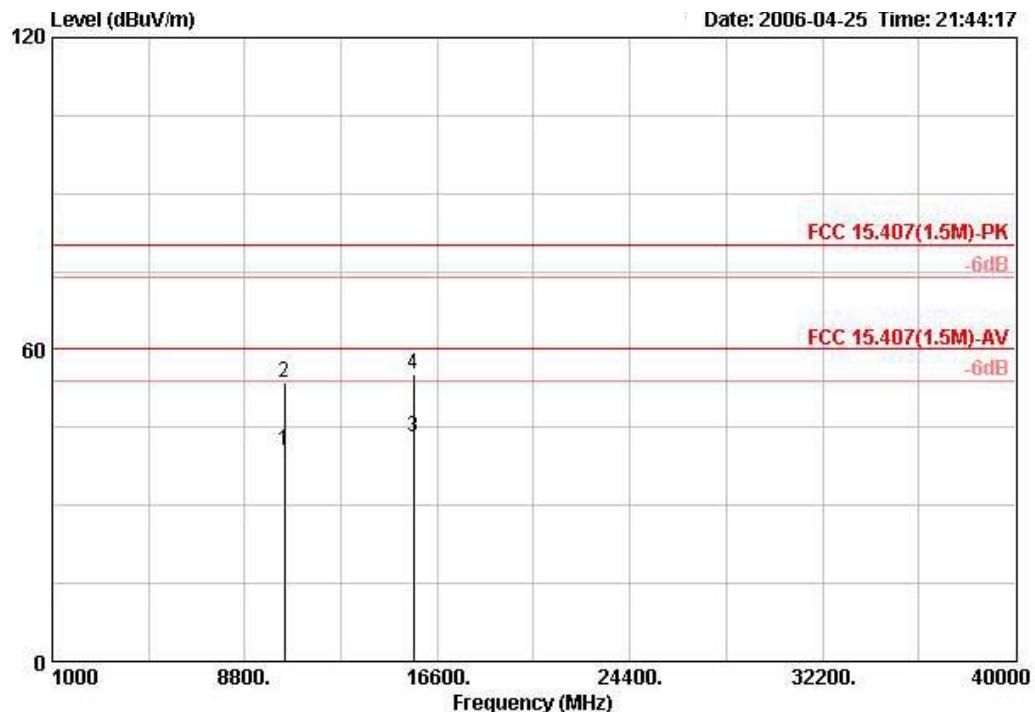
Freq	Level	Over Limit		Line Distance	Read Level	Preamp Factor	Cable Antenna		Remark	Ant Pos	Table Pos	Table Pol/Ph	
		MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m			
1	10481.210	43.88	-16.12	60.00	3	29.76	35.21	10.35	38.99	AVERAGE	123	105	HORIZONTAL
2	10481.210	54.14	-25.86	80.00	3	40.02	35.21	10.35	38.99	PEAK	123	105	HORIZONTAL

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 2

Vertical



Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Pol/Phase	Distance
		Limit	Line	Level	Factor	Loss	Factor			
1	10419.000	49.08	-10.92	60.00	38.05	38.37	7.71	35.05	AVERAGE	VERTICAL
2	10422.040	63.24	-16.76	80.00	52.21	38.37	7.71	35.05	PERK	VERTICAL
3	15623.520	44.56	-15.44	60.00	33.46	37.96	8.45	35.31	AVERAGE	VERTICAL
4	15624.720	57.63	-22.37	80.00	46.54	37.96	8.45	35.32	PERK	VERTICAL

**Horizontal**


Freq	Level	Over Limit	Limit Line	Read		Antenna Level Factor	Cable Loss Factor	Preamp Factor	Remark	Pol/Phase	Distance
				MHz	dBuV/m	dB	dBuV/m	dB	dB/m		
1	10420.520	40.38	-19.62	60.00	29.36	38.37	7.71	35.05	AVERAGE	HORIZONTAL	3
2	10421.960	53.62	-26.38	80.00	42.60	38.37	7.71	35.05	PEAK	HORIZONTAL	3
3	15622.760	43.01	-16.99	60.00	31.91	37.96	8.45	35.31	AVERAGE	HORIZONTAL	3
4	15623.680	55.25	-24.75	80.00	44.15	37.96	8.45	35.31	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 Emission level (uV/m).

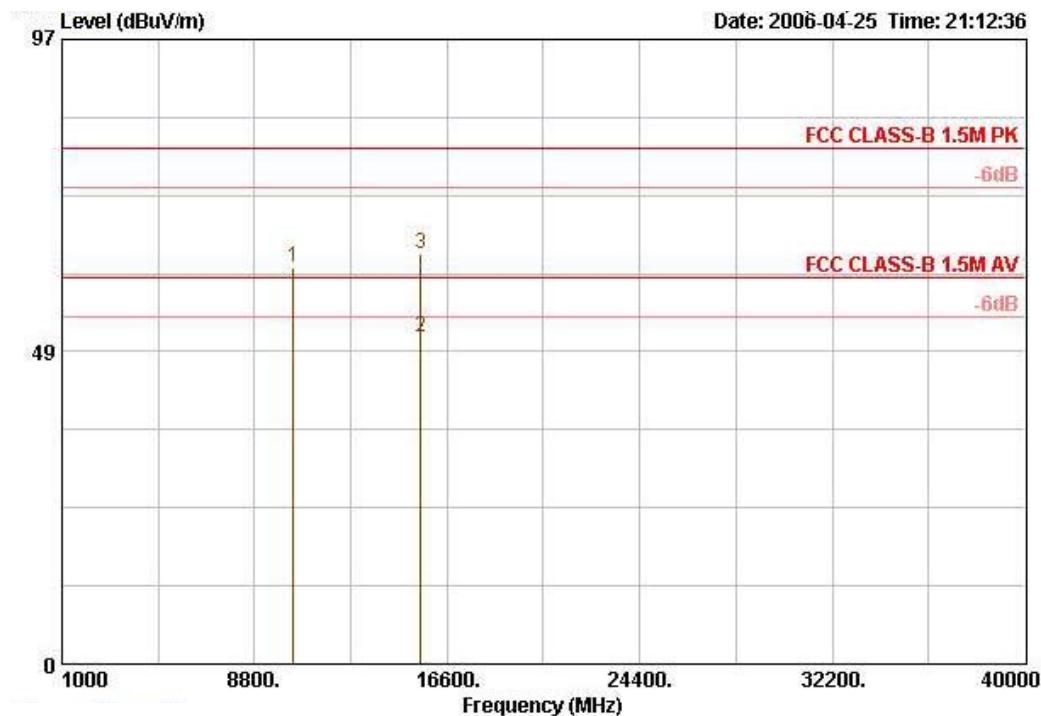
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

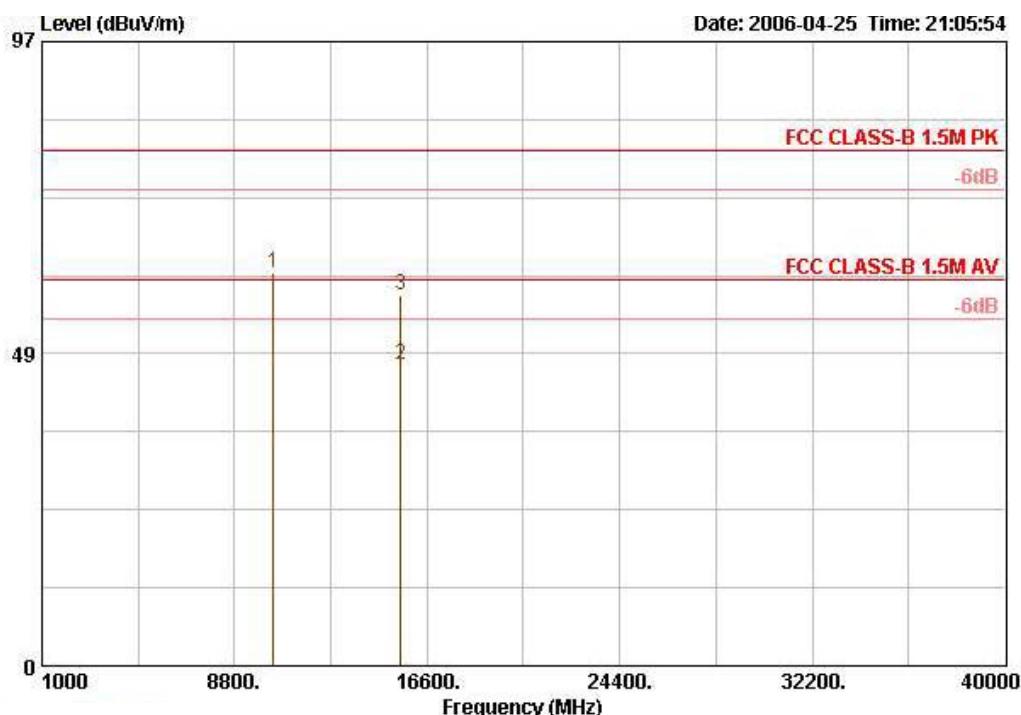
Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 4

**Vertical**


Freq	Level	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table	
		Line	Factor	Line	Loss	Factor	Level			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg	
1	10362.080	61.62		39.34	5.80	35.55	52.04 PEAK	117	321	
2	15541.280	50.82	-9.18	60.00	38.15	9.26	35.68	39.09 AVERAGE	130	255
3	15541.280	63.65	-16.35	80.00	38.15	9.26	35.68	51.93 PEAK	130	255

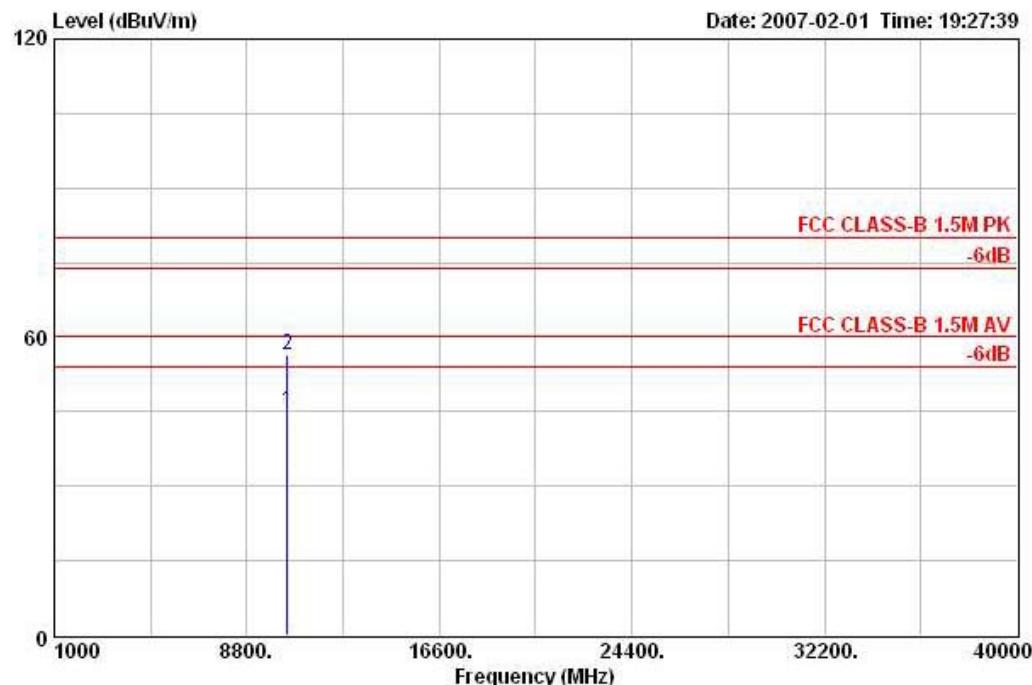
Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

**Horizontal**


Freq	Level	Over Limit	Antenna Line Factor	Cable Loss Factor	Preamp Factor	Read Level	Remark	Ant	Table	
								Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		
								cm	deg	
1	10360.920	61.15			39.34	5.80	35.55	51.56 PEAK	111	236
2	15541.800	46.90	-13.10	60.00	38.15	9.26	35.68	35.17 AVERAGE	128	300
3	15541.800	57.58	-22.42	80.00	38.15	9.26	35.68	45.86 PEAK	128	300

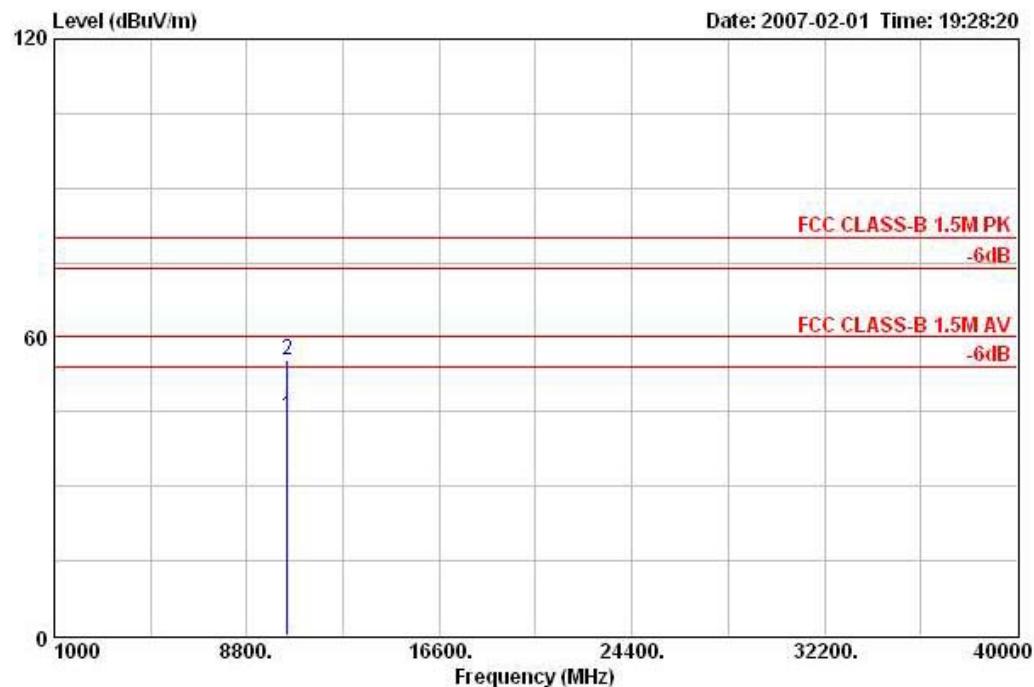
Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 40 / Ant. 4

**Vertical**


Freq	Level	Over Limit		Read		Preamp	Cable		Antenna	Remark	Ant Pos	Table Pos	Table Pol/Ph
		MHz	dBuV/m	dB	Line Distance		Level	Factor					
1	10441.020	45.25	-14.75	60.00	3	31.24	35.27	10.30	38.98	AVERAGE	127	117	VERTIC
2	10441.020	56.28	-23.72	80.00	3	42.28	35.27	10.30	38.98	PEAK	127	117	VERTIC

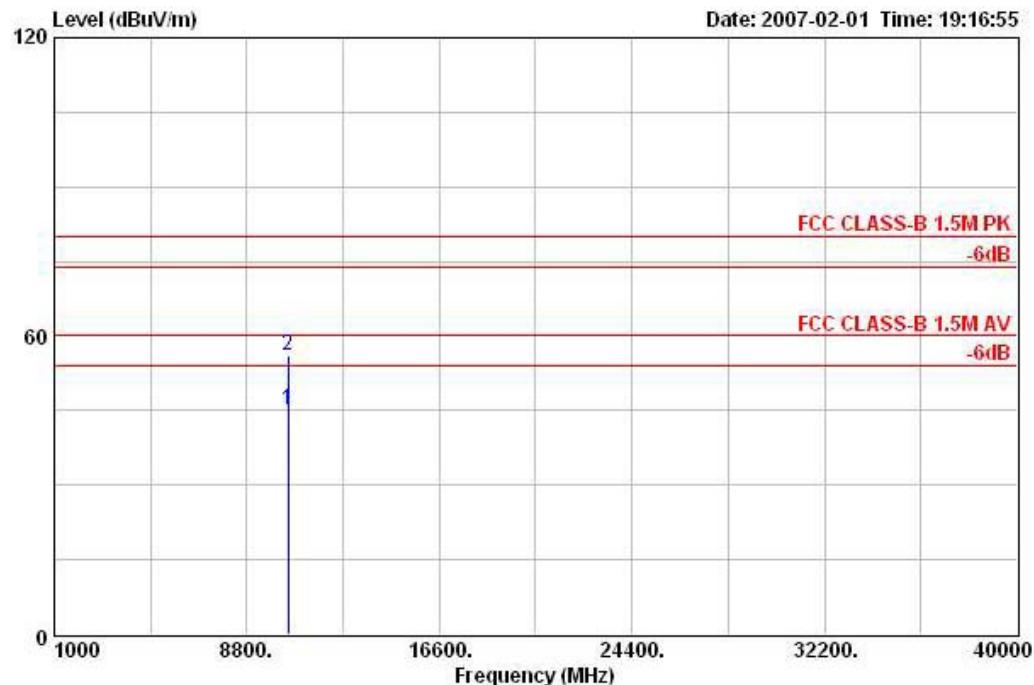
Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

**Horizontal**


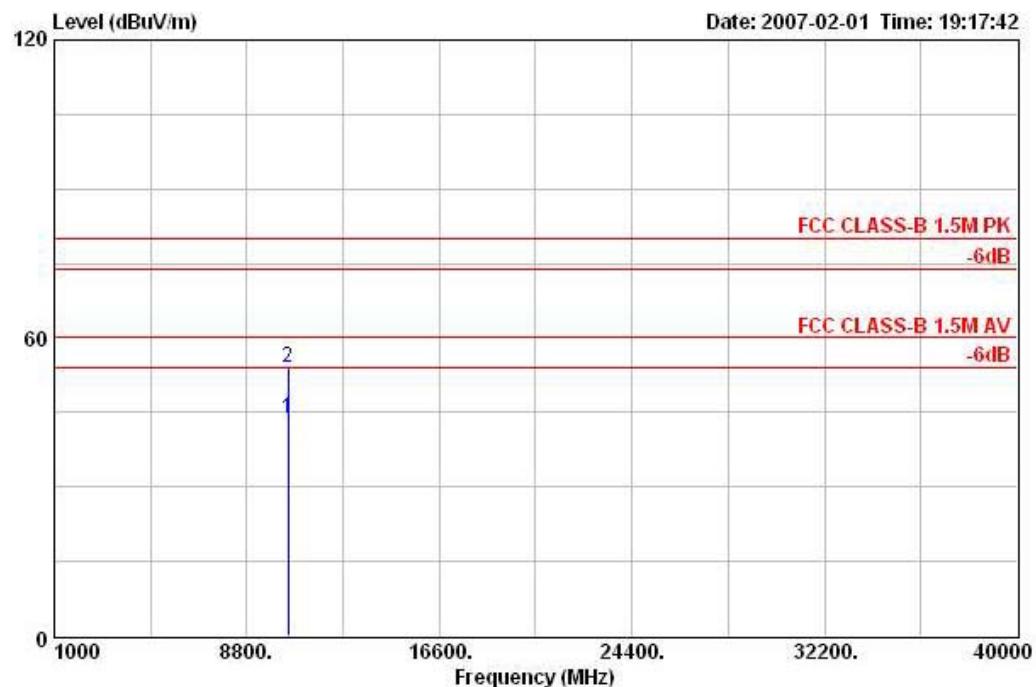
Freq	Level	Over Limit	Limit	Line Distance	Read Level	Preamp Factor	Antenna			Ant Pos	Table Pos	Table Pol/Ph
							dB	dBuV/m	dB			
1	10441.020	44.22	-15.78	60.00	3	30.21	35.27	10.30	38.98	AVERAGE	135	94 HORIZONTAL
2	10441.020	55.27	-24.73	80.00	3	41.27	35.27	10.30	38.98	PEAK	135	94 HORIZONTAL

Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 4

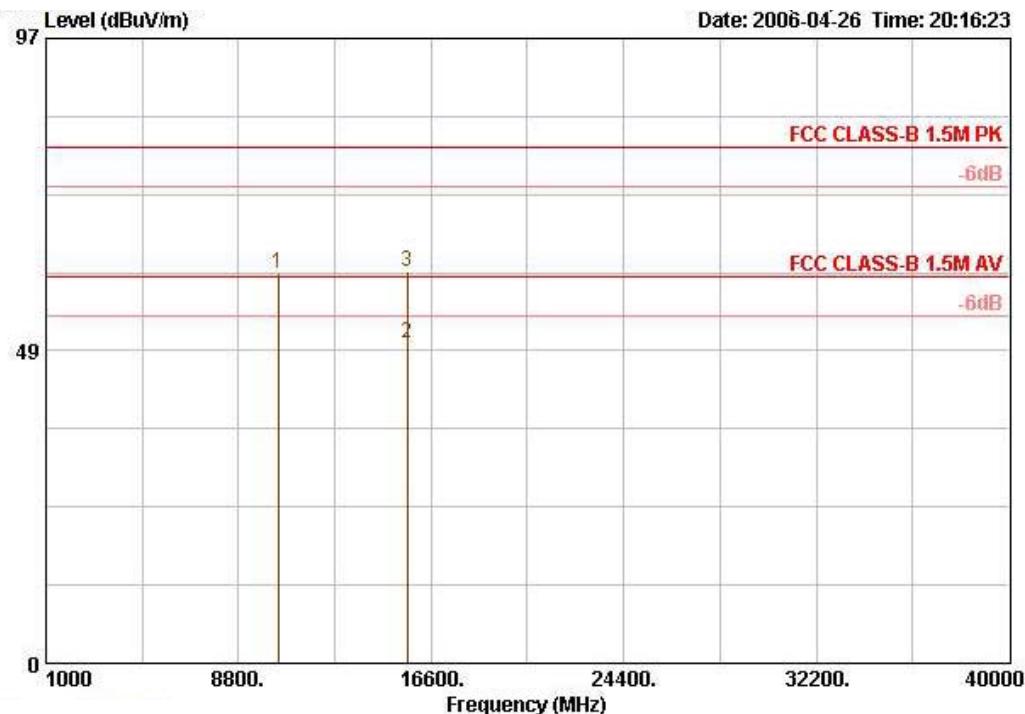
**Vertical**


Freq	Level	Over Limit		Read		Preamp	Cable		Antenna	Remark	Ant Pos	Table Pos	Table Pol/Ph
		MHz	dBuV/m	dB	Line Distance		Level	Factor					
1	10481.210	45.13	-14.87	60.00	3	31.00	35.21	10.35	38.99	AVERAGE	116	105	VERTIC
2	10481.210	56.11	-23.89	80.00	3	41.98	35.21	10.35	38.99	PEAK	116	105	VERTIC

**Horizontal**


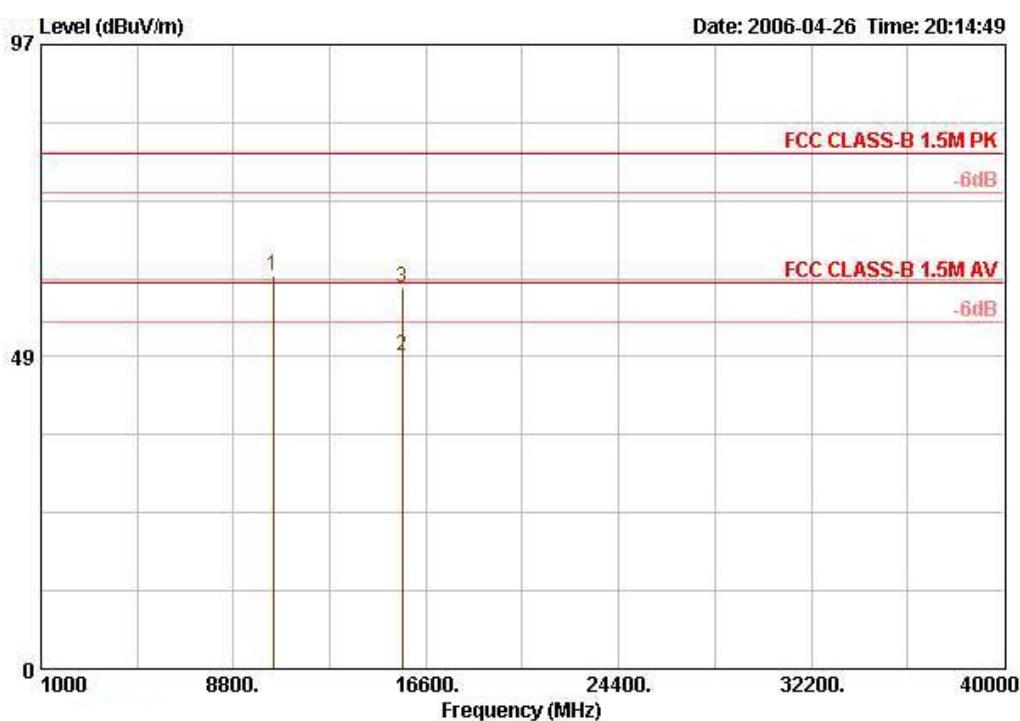
Freq	Level	Over Limit		Line Distance	Read		Preamp	Cable		Antenna	Remark	Ant Pos	Table Pos	Table Pol/Ph		
		MHz	dBuV/m		dB	dBuV/m		m	dBuV	dB	dB	dB/m				
1	10481.210	43.88	-16.12	60.00				3	29.76	35.21	10.35	38.99	AVERAGE	123	105	HORIZO
2	10481.210	54.14	-25.86	80.00				3	40.02	35.21	10.35	38.99	PEAK	123	105	HORIZO

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 4

**Vertical**


Freq	Level	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table	
		Line	Factor	Loss	Factor	Level	Remark			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg	
1	10422.000	60.53		39.40	5.86	35.50	50.77 PEAK	100	278	
2	15624.440	49.75	-10.25	60.00	38.03	9.32	35.62	38.02 AVERAGE	123	257
3	15636.840	60.78	-19.22	80.00	38.01	9.32	35.62	49.07 PEAK	123	257

Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

**Horizontal**


Freq	Level	Over Limit	Antenna Line Factor	Cable Loss Factor	Preamp Factor	Read Level		Ant Pos	Table Pos
						dB	dBuV/m		
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg
1	10420.760	61.00			39.40	5.86	35.50	51.24 PEAK	124 208
2	15635.200	48.64	-11.36	60.00	38.01	9.32	35.62	36.93 AVERAGE	121 245
3	15635.200	59.13	-20.87	80.00	38.01	9.32	35.62	47.42 PEAK	121 245

Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

**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 Emission level (uV/m).

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

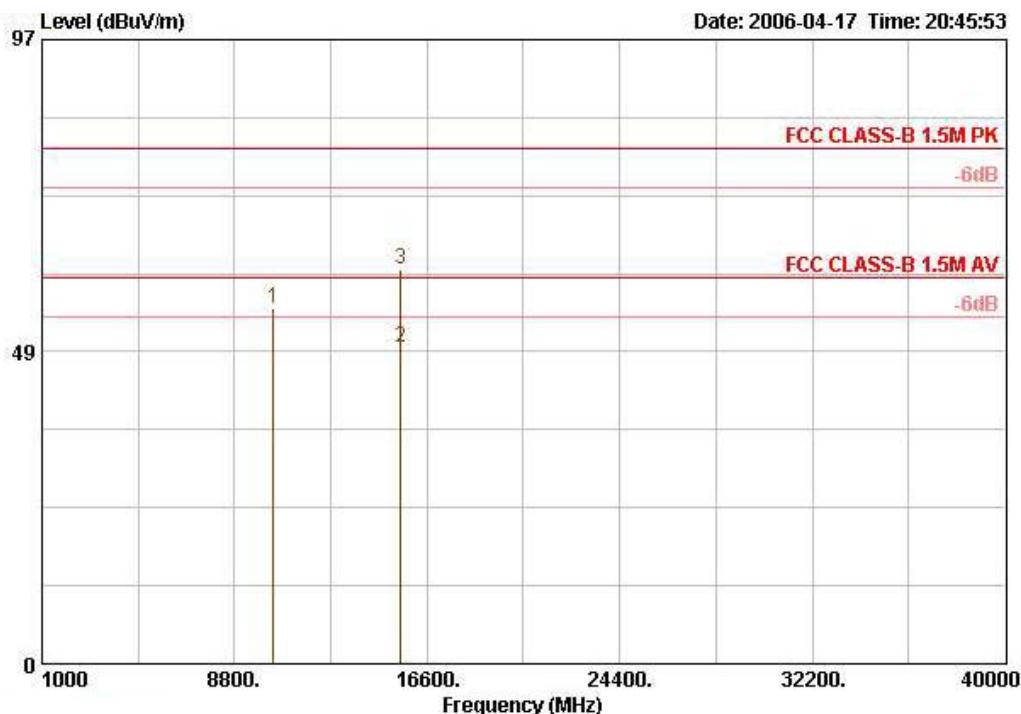
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

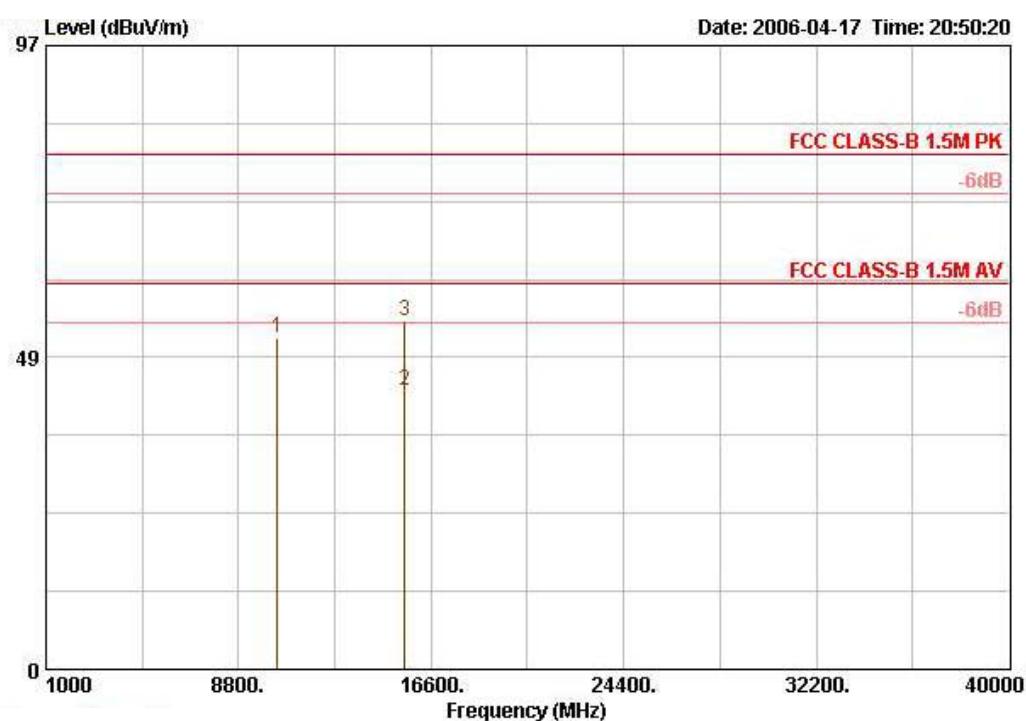
Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 5

## Vertical

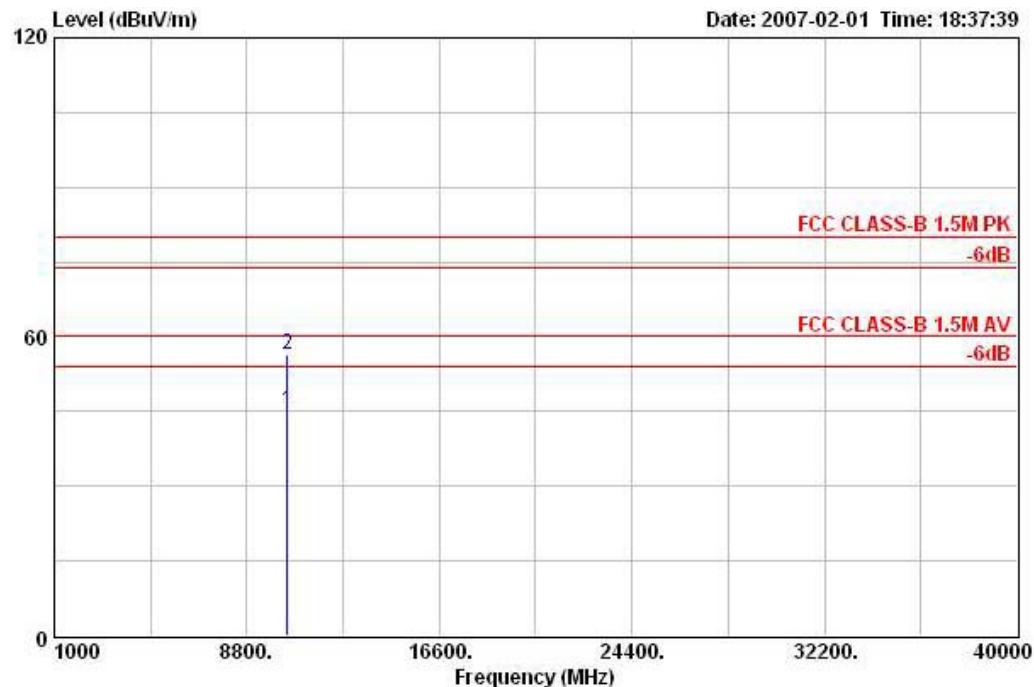


Freq	Level	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table
		Line	Factor	Loss	Factor	Level	Remark		
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg
1	10357.320	55.24	-24.76	80.00	39.32	5.80	35.55	45.67 PEAK	100 276
2	15541.240	49.18	-10.82	60.00	38.15	9.26	35.68	37.45 AVERAGE	104 237
3	15541.240	61.36	-18.64	80.00	38.15	9.26	35.68	49.64 PEAK	104 237

**Horizontal**


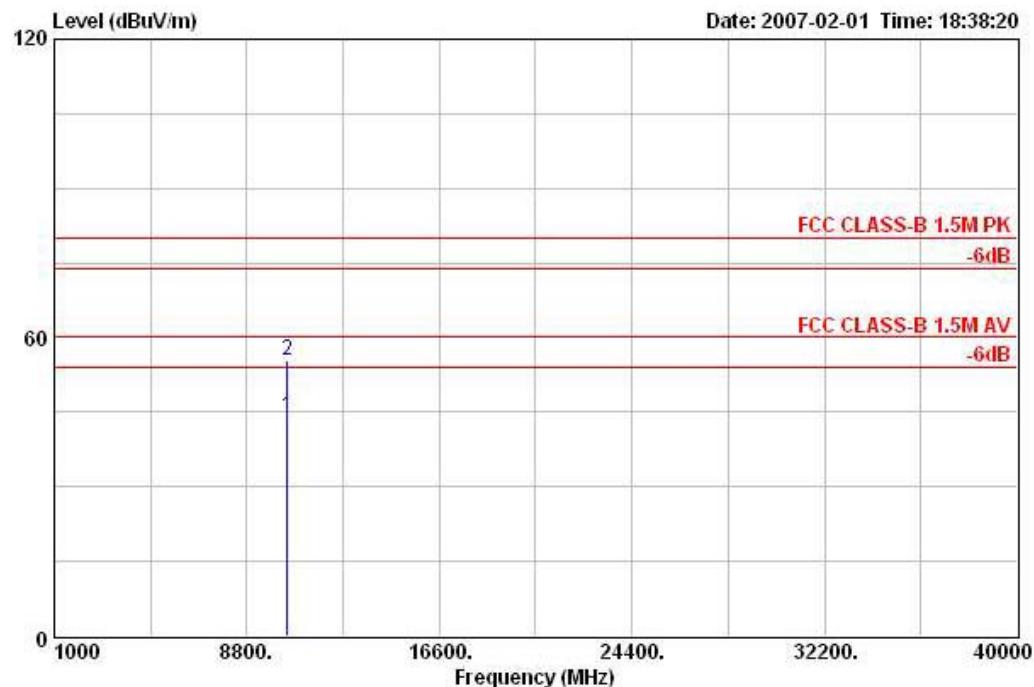
Freq	Level	Over Limit	Antenna Line Factor	Cable Loss Factor	Preamp Factor	Read Level		Ant Pos	Table Pos	
						dB	dB/m	dBuV	cm	deg
1	10360.760	51.51	-28.49	80.00	39.34	5.80	35.55	41.92 PEAK	107	307
2	15541.240	43.23	-16.77	60.00	38.15	9.26	35.68	31.51 AVERAGE	101	3
3	15541.240	54.23	-25.77	80.00	38.15	9.26	35.68	42.51 PEAK	101	3

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 40 / Ant. 5

**Vertical**


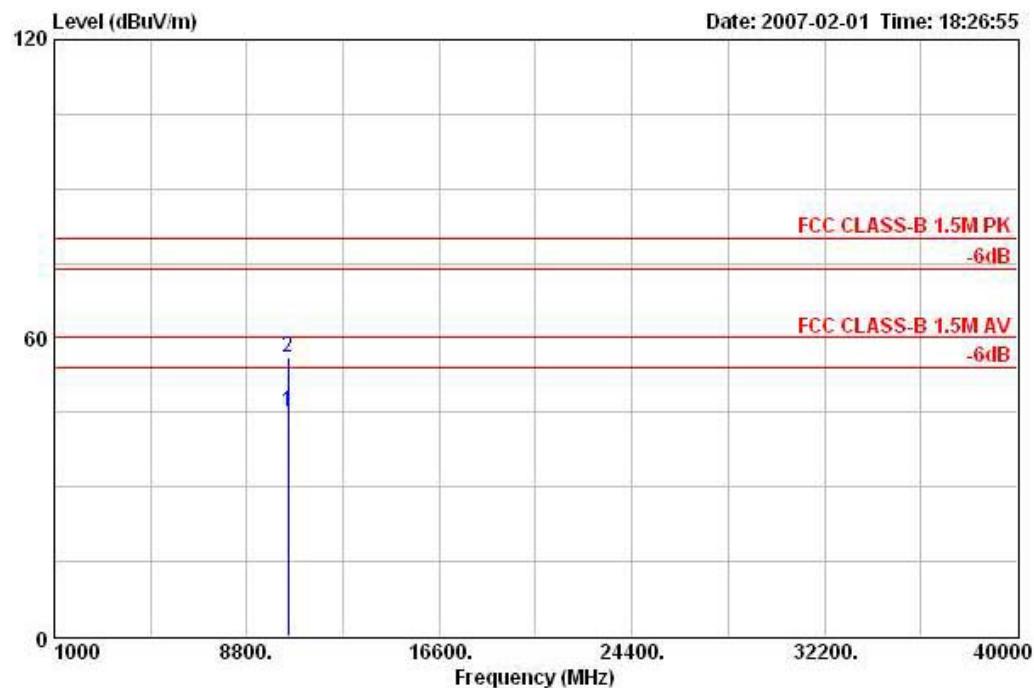
Freq	Level	Over Limit		Line Distance	Read		Preamp	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos	Table Pol/Ph
		MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m	cm	deg	
1	10441.020	45.25	-14.75	60.00	3	31.24	35.27	10.30	38.98	AVERAGE	127	117	VERTIC
2	10441.020	56.28	-23.72	80.00	3	42.28	35.27	10.30	38.98	PEAK	127	117	VERTIC

Note: Item 1 is on un-restricted band, so the limit is the EIRP of -27dBm/MHz ( 74.25 dBuV/m at 1.5m).

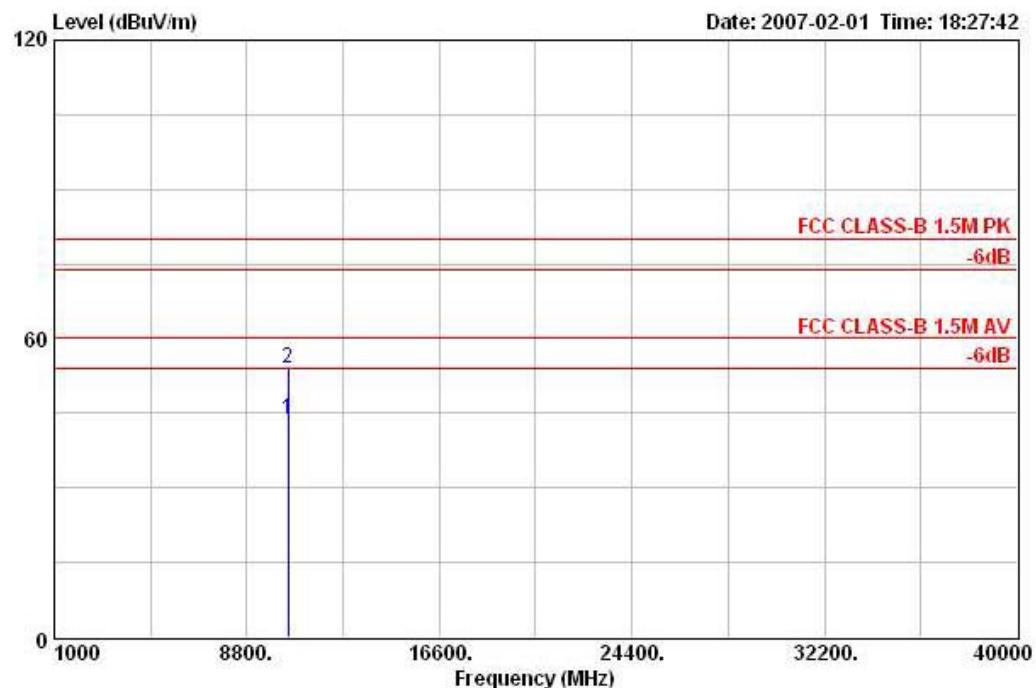
**Horizontal**


Freq	Level	Over Limit	Limit	Line Distance	Read			Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos	Table Pol/Ph
					Preamp	Level	Factor						
MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m	cm	deg			
10441.020	44.22	-15.78	60.00		3	30.21	35.27	10.30	38.98	AVERAGE	135	94	HORIZONTAL
10441.020	55.27	-24.73	80.00		3	41.27	35.27	10.30	38.98	PEAK	135	94	HORIZONTAL

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 5

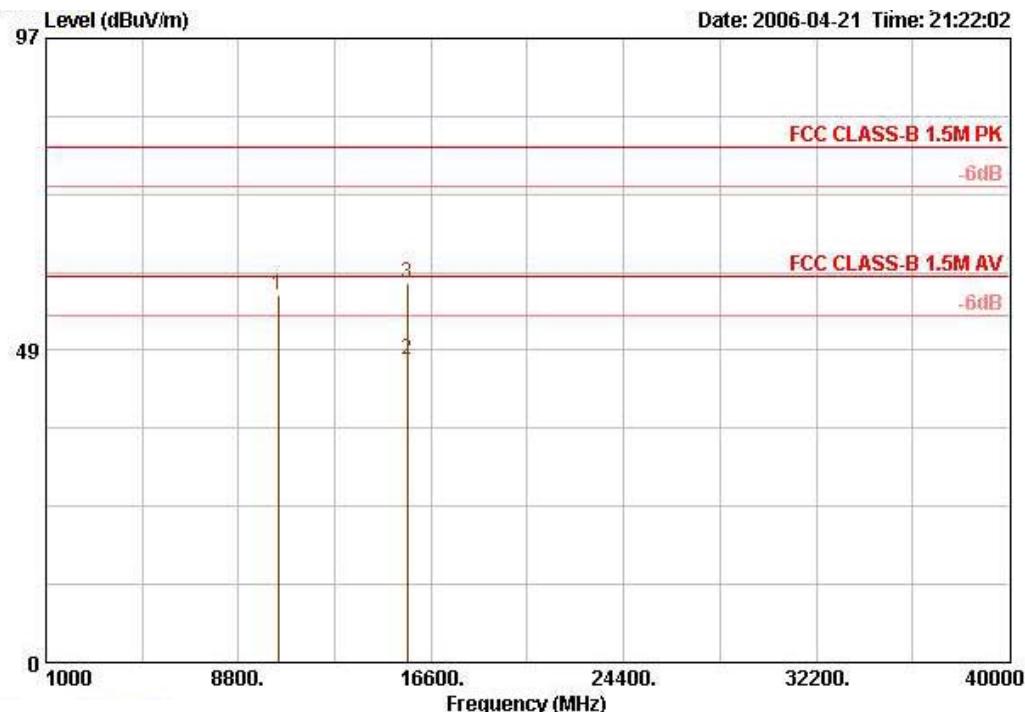
**Vertical**


Freq	Level	Over Limit		Read		Preamp	Cable	Antenna	Remark	Ant	Table
		MHz	dBuV/m	dB	Line Distance						
1	10481.210	45.13	-14.87	60.00	3	31.00	35.21	10.35	38.99	AVERAGE	116
2	10481.210	56.11	-23.89	80.00	3	41.98	35.21	10.35	38.99	PEAK	116

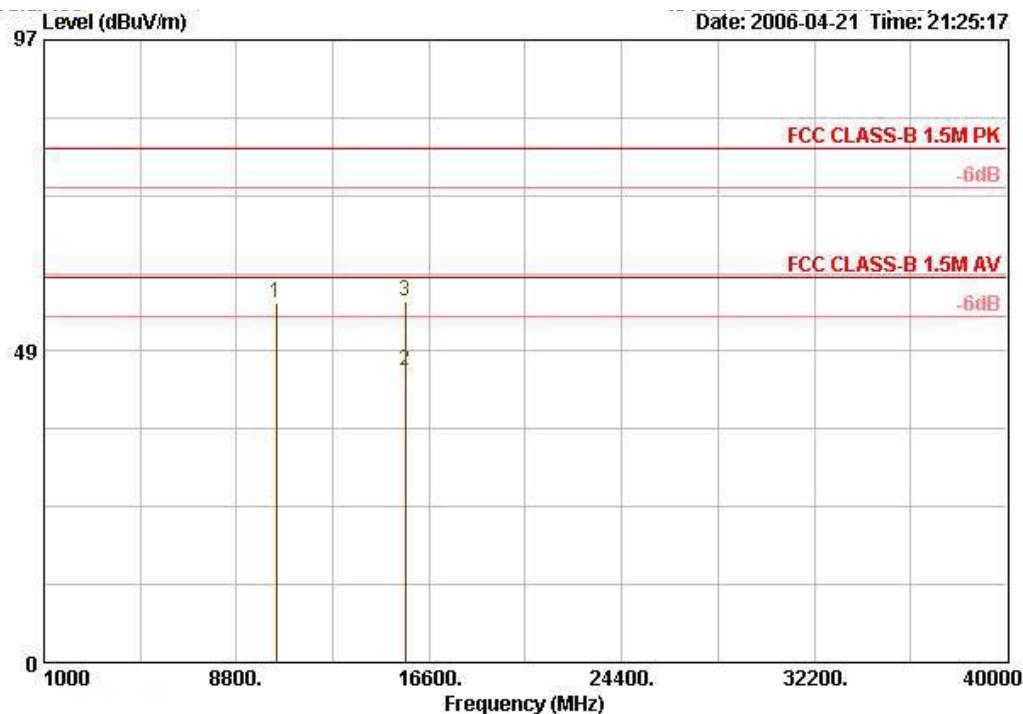
**Horizontal**


Freq	Level	Over Limit		Read		Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos	Table Pol/Ph
		MHz	dBuV/m	dB	Line Distance						
1	10481.210	43.88	-16.12	60.00		3	29.76	35.21	10.35	38.99	AVERAGE
2	10481.210	54.14	-25.86	80.00		3	40.02	35.21	10.35	38.99	PEAK

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 5

**Vertical**


Freq	Level	Over Limit	Antenna Line Factor	Cable Loss Factor	Preamp Factor	Read Level	Ant Table		
							Pos	Pos	
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg
10420.360	56.99	-23.01	80.00	39.40	5.86	35.50	47.23 PEAK	100	248
15628.520	47.16	-12.84	60.00	38.01	9.32	35.62	35.45 AVERAGE	106	247
15628.520	58.82	-21.18	80.00	38.01	9.32	35.62	47.11 PEAK	106	247

**Horizontal**


Freq	Level	Over Limit	Antenna Line Factor	Cable Preamp		Read Level		Ant Pos	Table Pos		
				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV
1	10417.000	56.11	-23.89	80.00	39.40	5.83	35.50	46.38	PEAK	119	212
2	15628.360	45.44	-14.56	60.00	38.03	9.32	35.62	33.71	AVERAGE	117	240
3	15628.360	56.20	-23.80	80.00	38.03	9.32	35.62	44.47	PEAK	117	240

**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 Emission level (uV/m).

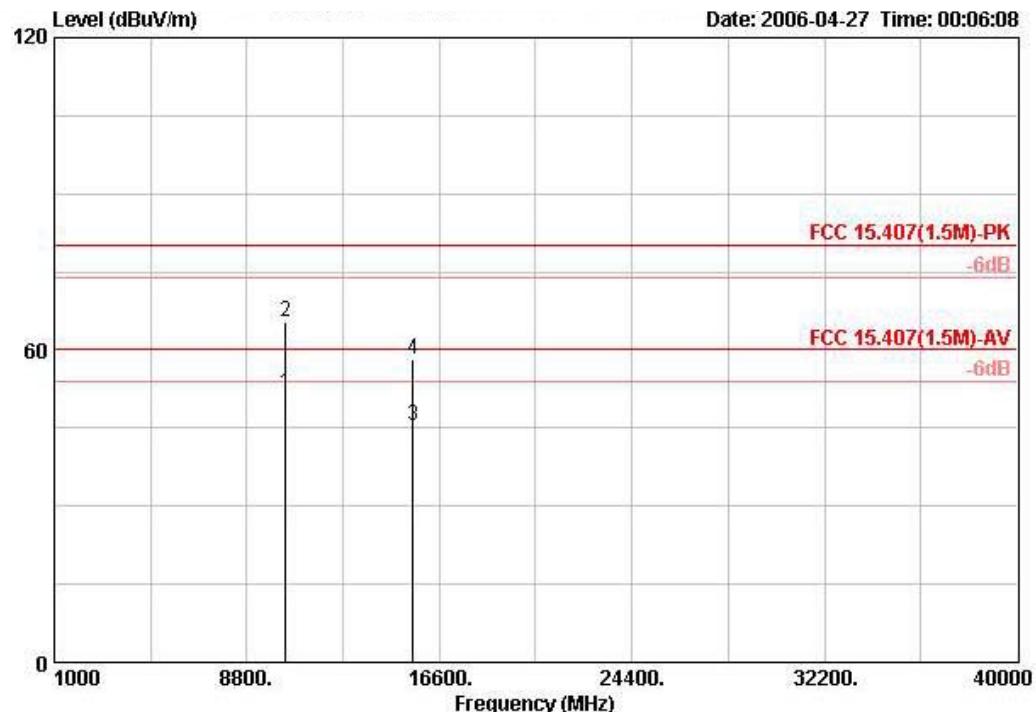
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

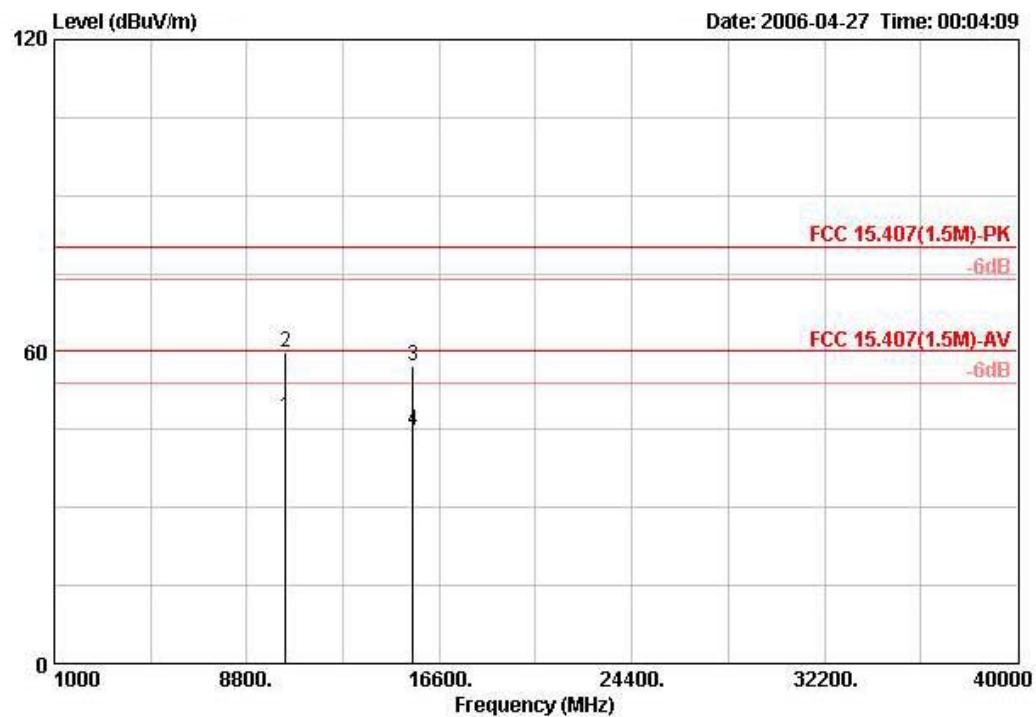
Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 6

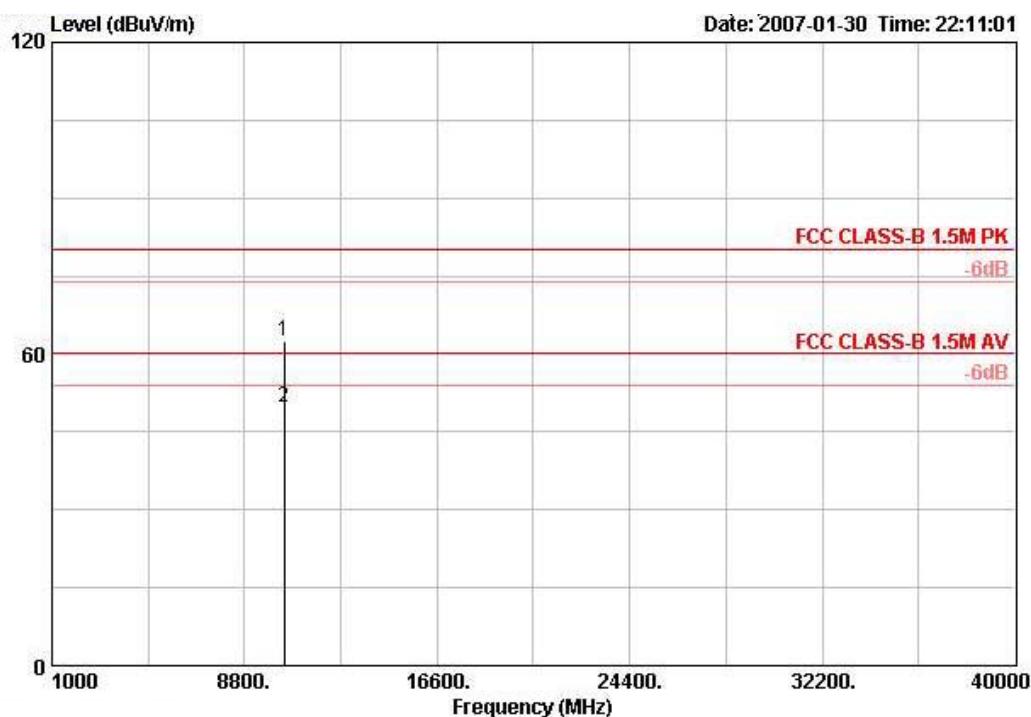
**Vertical**


Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Pol/Phase	Distance
		Limit	Line	Level	Factor	Loss	Factor			
1	10360.180	51.81	-8.19	60.00	40.73	38.53	7.67	35.12	AVERAGE	VERTICAL
2	10360.760	65.54	-14.46	80.00	54.46	38.53	7.67	35.12	PERK	VERTICAL
3	15535.880	45.41	-14.59	60.00	34.20	38.06	8.43	35.28	AVERAGE	VERTICAL
4	15541.760	58.23	-21.77	80.00	47.02	38.06	8.43	35.28	PERK	VERTICAL

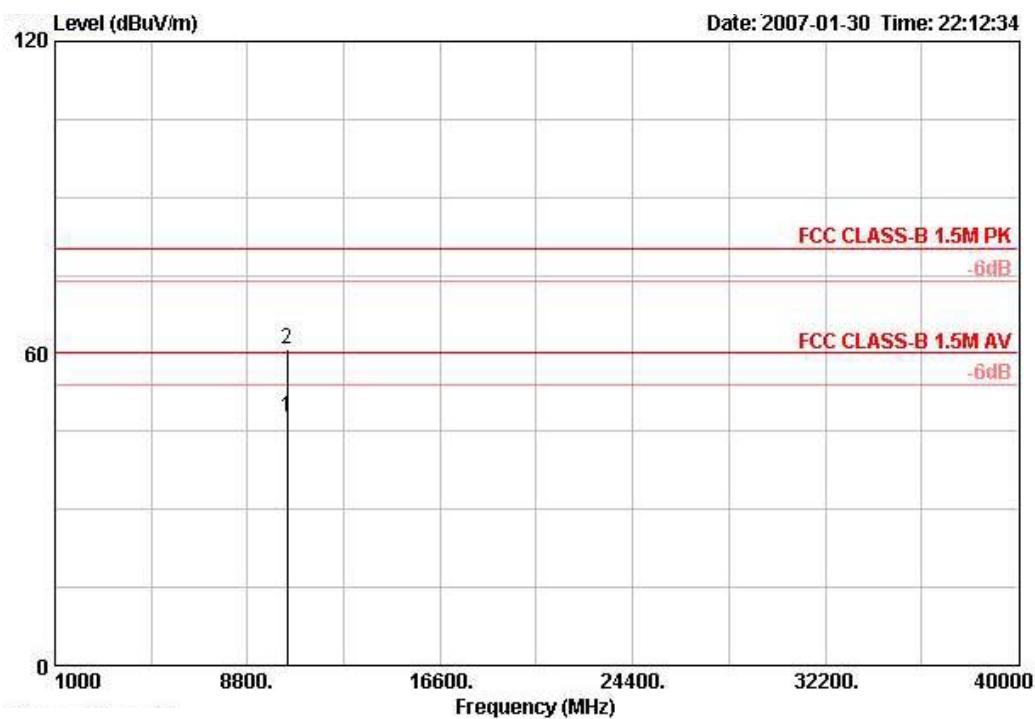
**Horizontal**


Freq	Level	Over Limit	Limit	ReadAntenna		Cable Preamp		Remark	Pol/Phase	Distance	
				Line	Level Factor	Cable Loss	Preamp Factor				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			m	
1	10361.440	47.48	-12.52	60.00	36.39	38.53	7.67	35.12	AVERAGE	HORIZONTAL	3
2	10362.130	59.68	-20.32	80.00	48.60	38.53	7.67	35.12	PERK	HORIZONTAL	3
3	15536.800	57.38	-22.62	80.00	46.17	38.06	8.43	35.28	PERK	HORIZONTAL	3
4	15537.220	44.90	-15.10	60.00	33.70	38.06	8.43	35.28	AVERAGE	HORIZONTAL	3

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 40 / Ant. 6

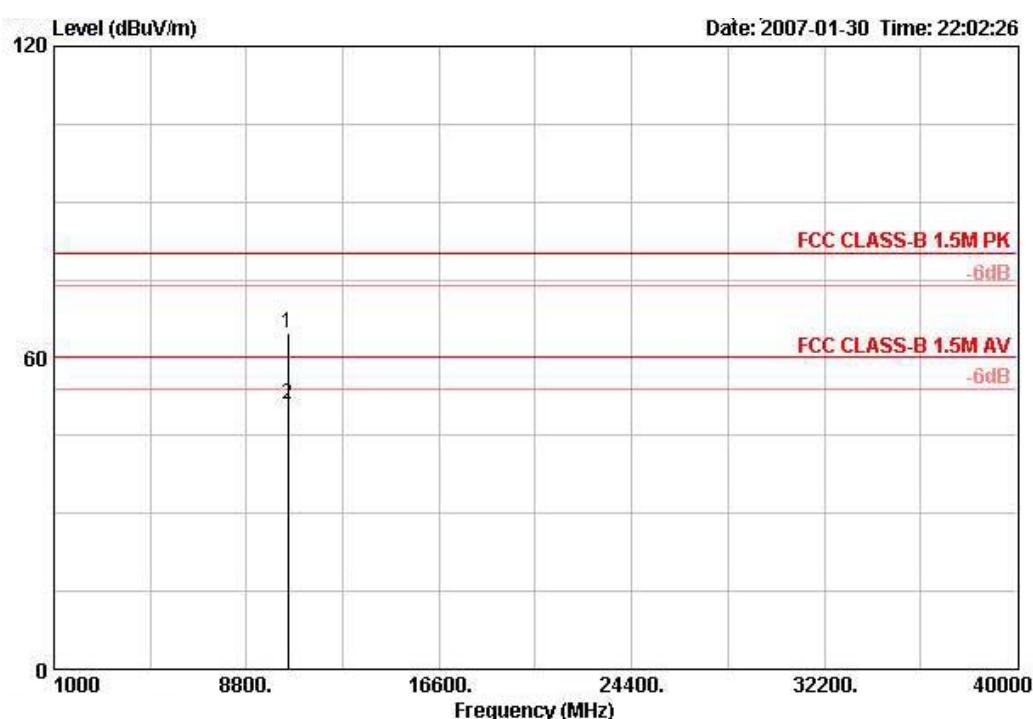
**Vertical**


Freq	Level	Over Limit	Line	ReadAntenna		Cable Preamp		Ant Pos	Table Pos
				Level	Factor	dB	dB		
1	10393.320	62.40	-17.60	80.00	45.16	39.18	11.46	33.40 PEAK	108 185
2 @	10400.880	49.77	-10.23	60.00	32.49	39.18	11.48	33.38 AVERAGE	108 185

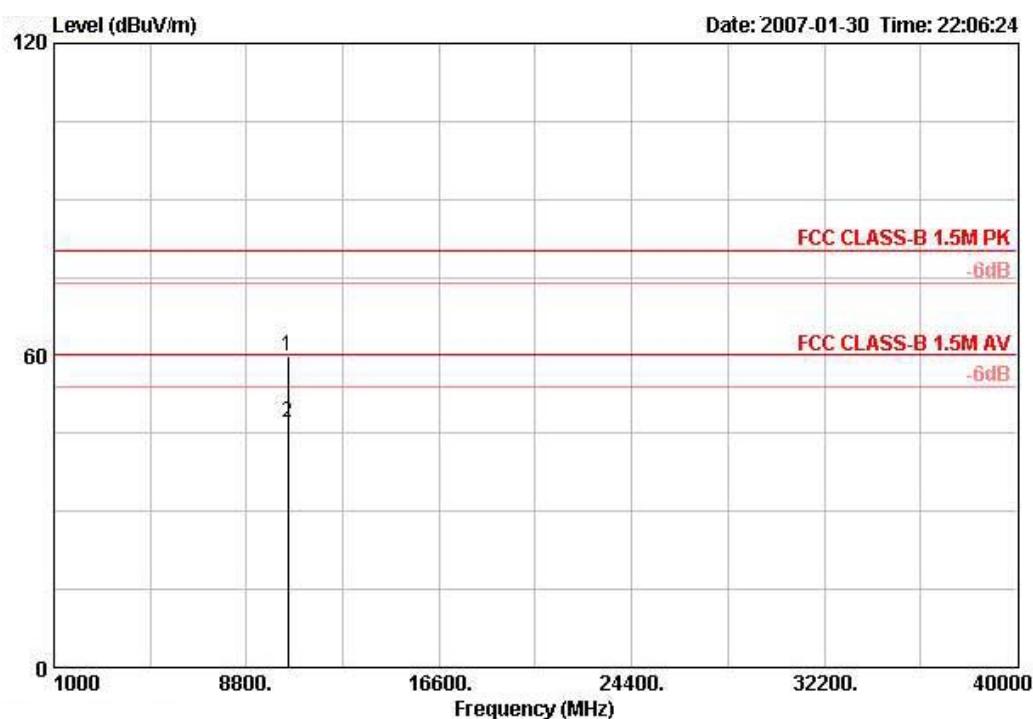
**Horizontal**


Freq	Level	Over Limit	Read	Antenna	Cable Preamp			Ant Pos	Table Pos
					Line	Level Factor	Loss Factor		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	10399.280	47.78	-12.22	60.00	30.50	39.18	11.48	33.38	AVERAGE
2	10405.800	60.75	-19.25	80.00	43.47	39.18	11.48	33.38	PEAK

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 6

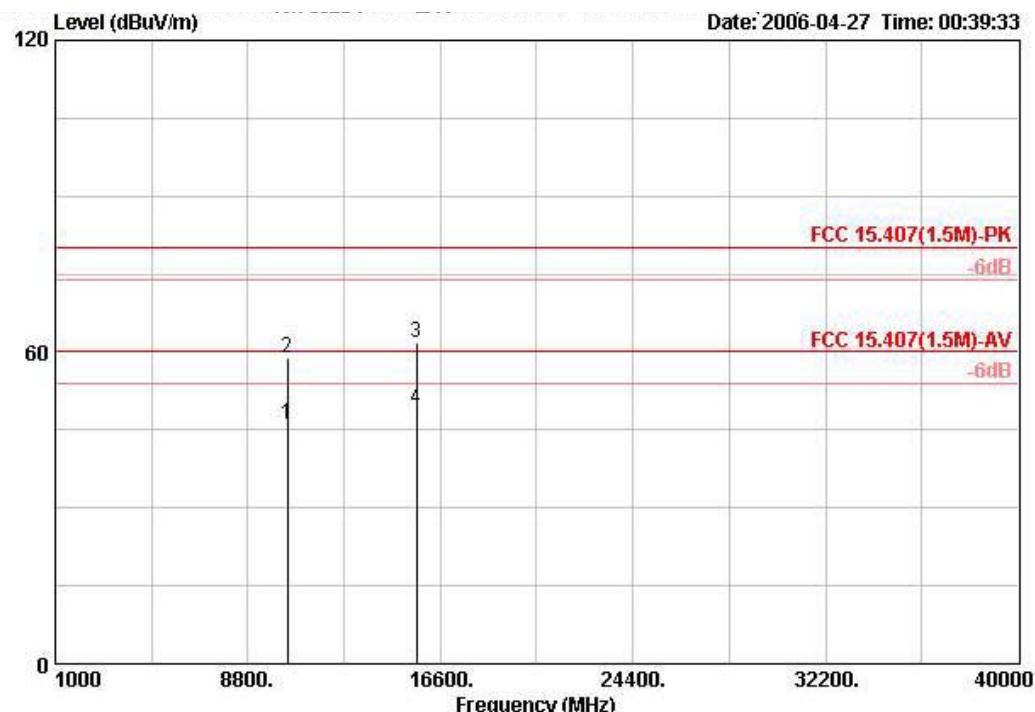
**Vertical**


Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	Ant Pos	Table Pos		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			
1	10478.800	64.81	-15.19	80.00	47.30	39.28	11.55	33.32	PEAK	110	177
2 @	10479.000	50.85	-9.15	60.00	33.34	39.28	11.55	33.32	AVERAGE	110	177

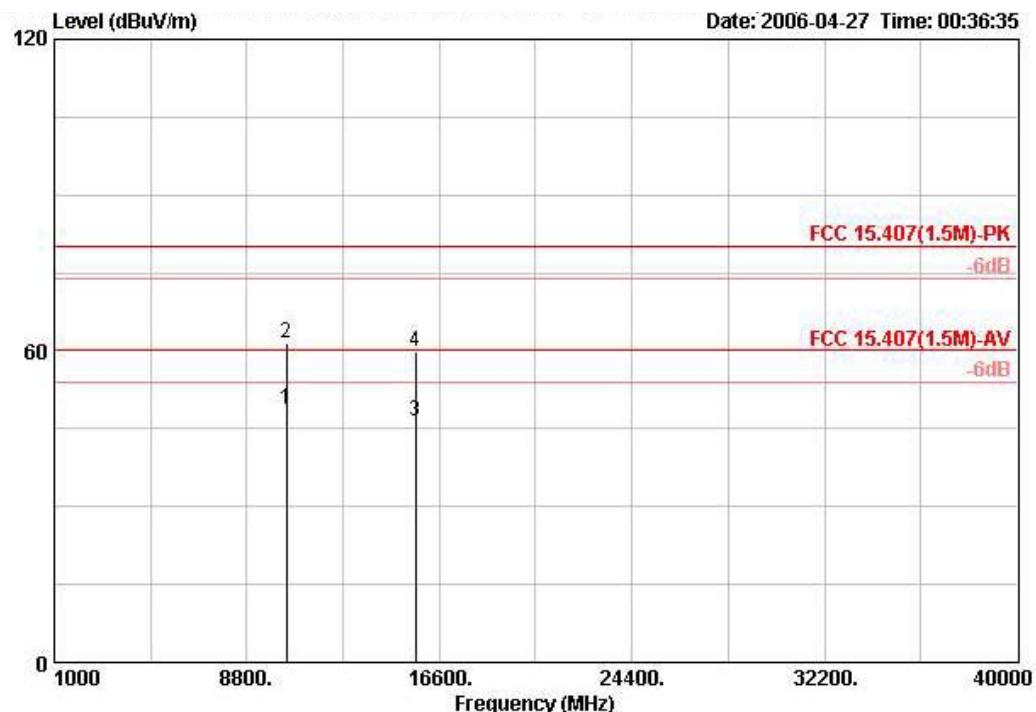
**Horizontal**


Freq	Level	Over Limit	Read	Antenna	Cable Preamp			Ant Pos	Table Pos
					Line	Level Factor	Loss Factor		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
10471.280	59.74	-20.26	80.00	42.29	39.26	11.53	33.34	PEAK	100
10481.520	47.24	-12.76	60.00	29.74	39.28	11.55	33.32	AVERAGE	100

Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 6

**Vertical**


Freq	Level	Over Limit	Limit	Read		Antenna	Cable	Preamp	Remark	Pol/Phase	Distance
				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB
1	10416.820	46.08	-13.92	60.00	35.05	38.37	7.71	35.05	AVERAGE	VERTICAL	3
2	10416.820	58.90	-21.10	80.00	47.87	38.37	7.71	35.05	PERK	VERTICAL	3
3	15632.700	61.81	-18.19	80.00	50.74	37.93	8.45	35.32	PERK	VERTICAL	3
4	15632.700	48.93	-11.07	60.00	37.86	37.93	8.45	35.32	AVERAGE	VERTICAL	3

**Horizontal**


Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Pol/Phase	Distance	
		Limit	Line	Antenna	Level	Factor	Loss				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			m	
1	10418.260	48.88	-11.12	60.00	37.85	38.37	7.71	35.05	AVERAGE	HORIZONTAL	3
2	10420.920	61.56	-18.44	80.00	50.54	38.37	7.71	35.05	PEAK	HORIZONTAL	3
3	15629.320	46.48	-13.52	60.00	35.41	37.93	8.45	35.32	AVERAGE	HORIZONTAL	3
4	15632.700	59.78	-20.22	80.00	48.71	37.93	8.45	35.32	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 Emission level (uV/m).

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

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

## 4.7. Band Edge Emissions Measurement

### 4.7.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). In addition, 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 (micorvolts/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

### 4.7.2. Measuring Instruments and Setting

Please refer to section 5 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)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (other emission)	1 MHz /1 MHz for Peak

### 4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3, 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.

### 4.7.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.6.4.

### 4.7.5. Test Deviation

There is no deviation with the original standard.

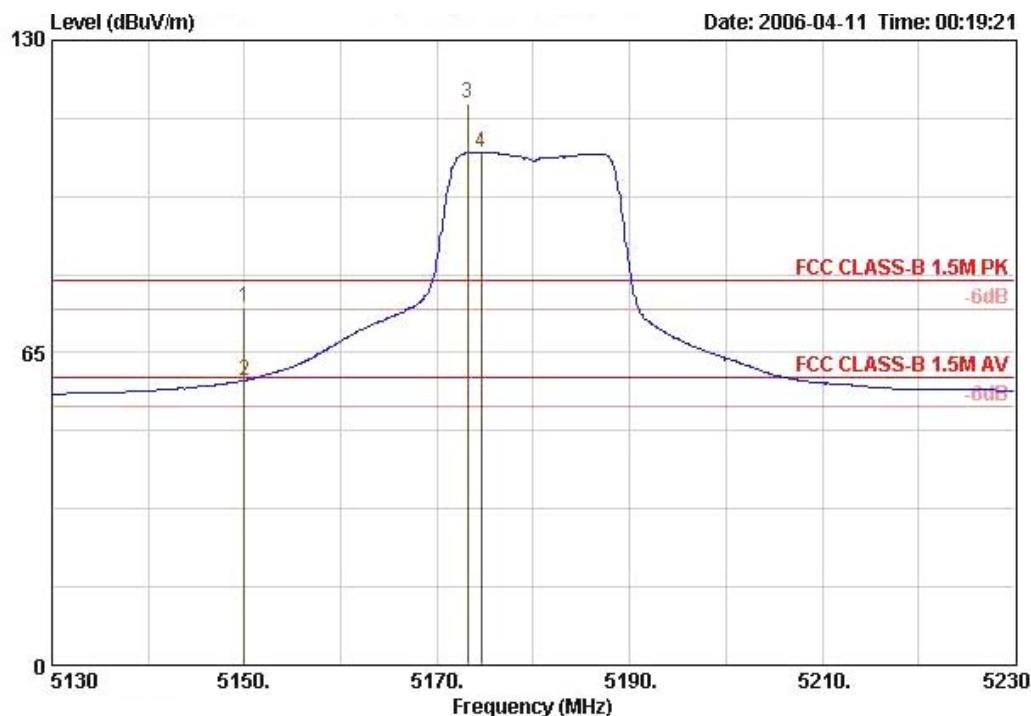
### 4.7.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

## 4.7.7. Test Result of Band Edge and Fundamental Emissions

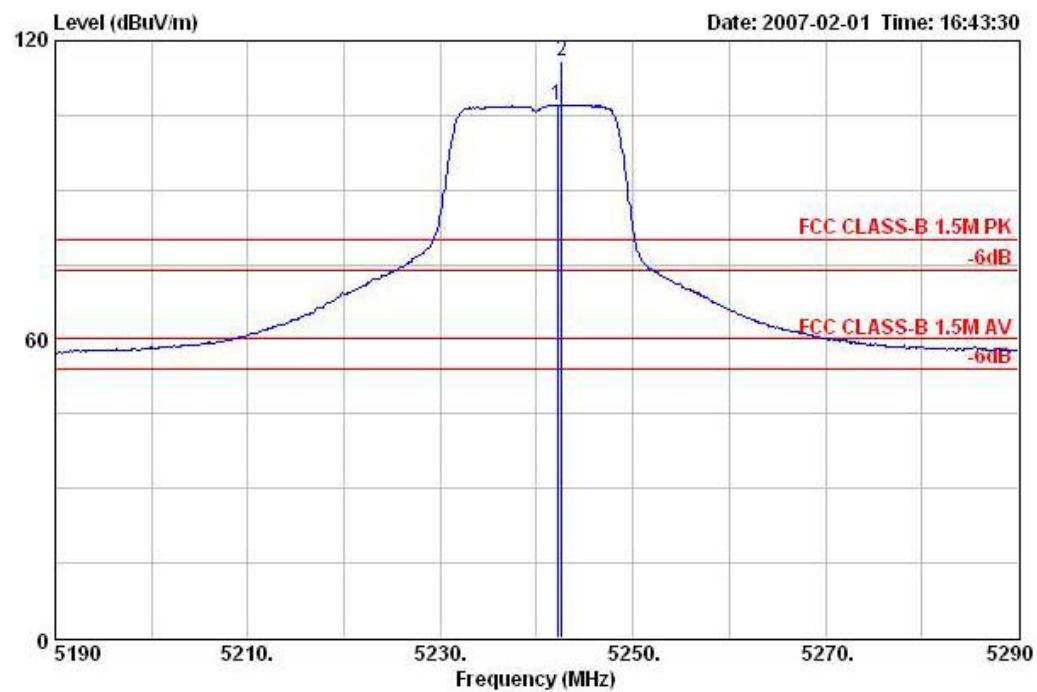
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36, 48 / Ant. 1

## Channel 36



Freq	Level	Over	Limit	Antenna Line Factor	Cable Loss Factor	Preamp Factor	Read Level	Remark	Ant	Table
		MHz	dBuV/m						Pos	Pos
									cm	deg
1	5150.000	74.29	-5.71	80.00	33.84	4.88	0.00	35.57 PEAK	144	228
2	5150.000	59.20	-0.80	60.00	33.84	4.88	0.00	20.49 AVERAGE	144	228
3 @	5173.200	116.75			33.87	4.92	0.00	77.96 PEAK	144	228
4 @	5174.600	106.68			33.89	4.92	0.00	67.87 Average	---	---

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 48**


Freq	Level	Over Limit		Read Level		Preamp Factor	Cable Antenna		Remark	Ant Pos	Table Pos	Table Pol/Ph
		MHz	dBuV/m	dB	dBuV/m		m	dBuV	dB			
1 @	5242.200	107.08					3	68.38	0.00	4.42	34.28	AVERAGE
2 @	5242.600	115.78					3	77.08	0.00	4.42	34.28	PEAK