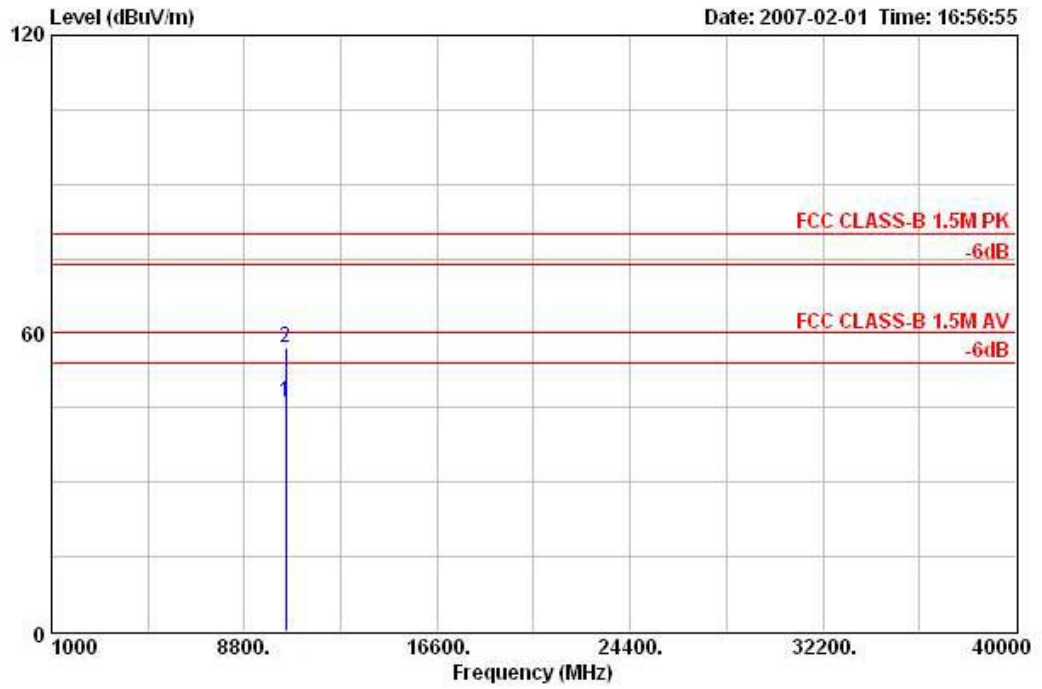




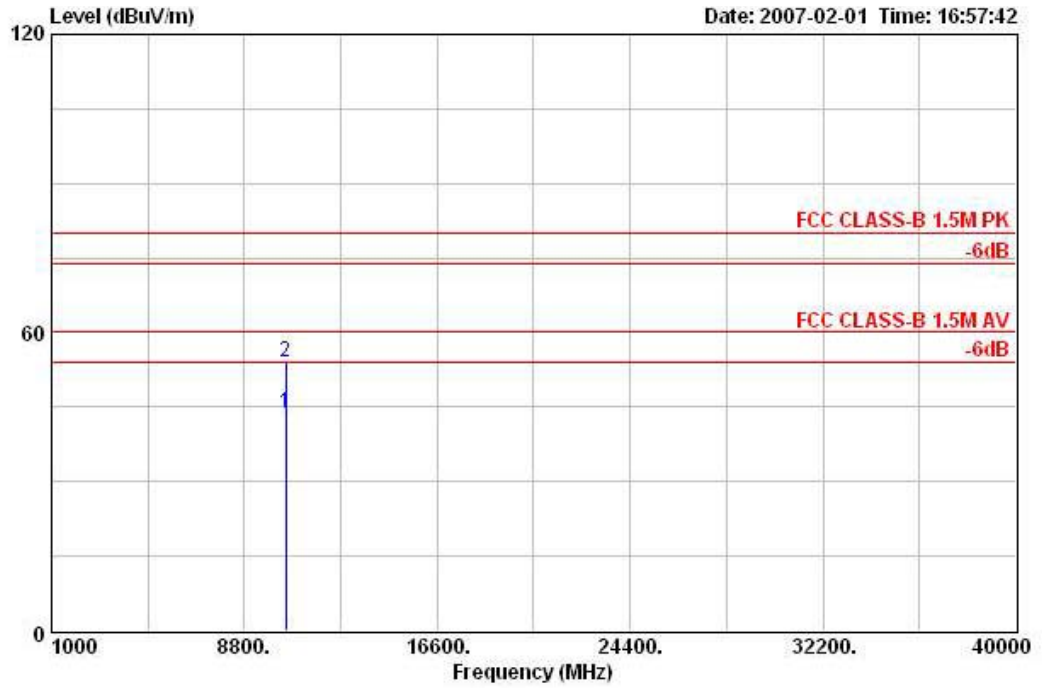
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 1

Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
1	10481.210	46.13	-13.87	60.00		32.00	35.21	10.35	38.99	AVERAGE	116	105	VERTIC
2	10481.210	57.11	-22.89	80.00		42.98	35.21	10.35	38.99	PEAK	116	105	VERTIC

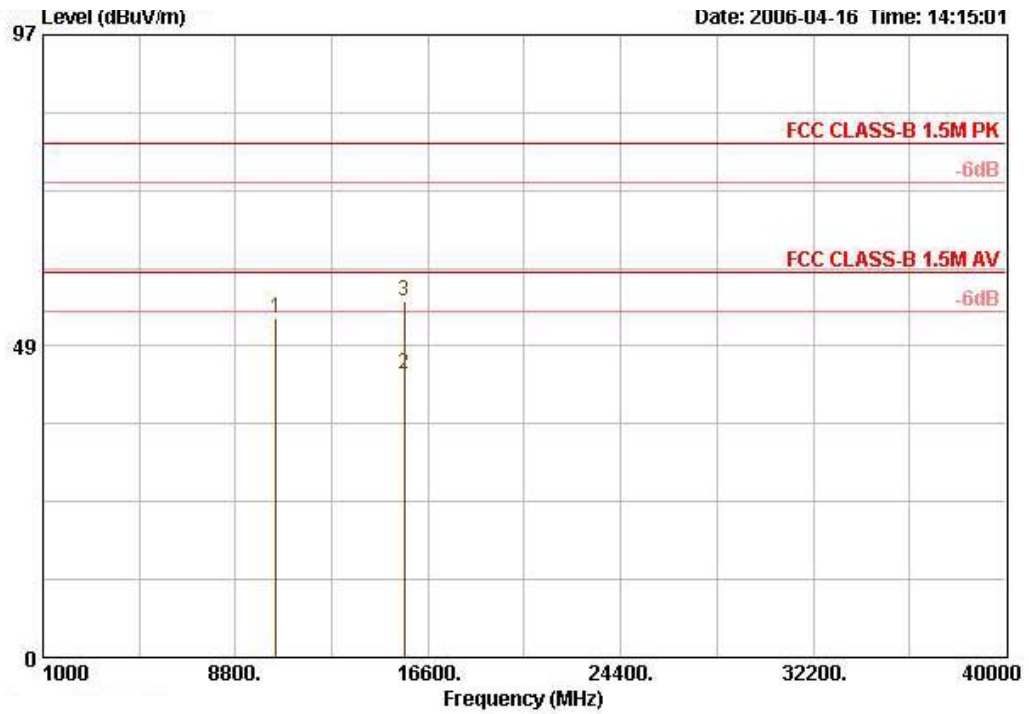
Horizontal



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	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	HORIZO
2	10481.210	54.14	-25.86	80.00	3	40.02	35.21	10.35	38.99	PEAK	123	105	HORIZO

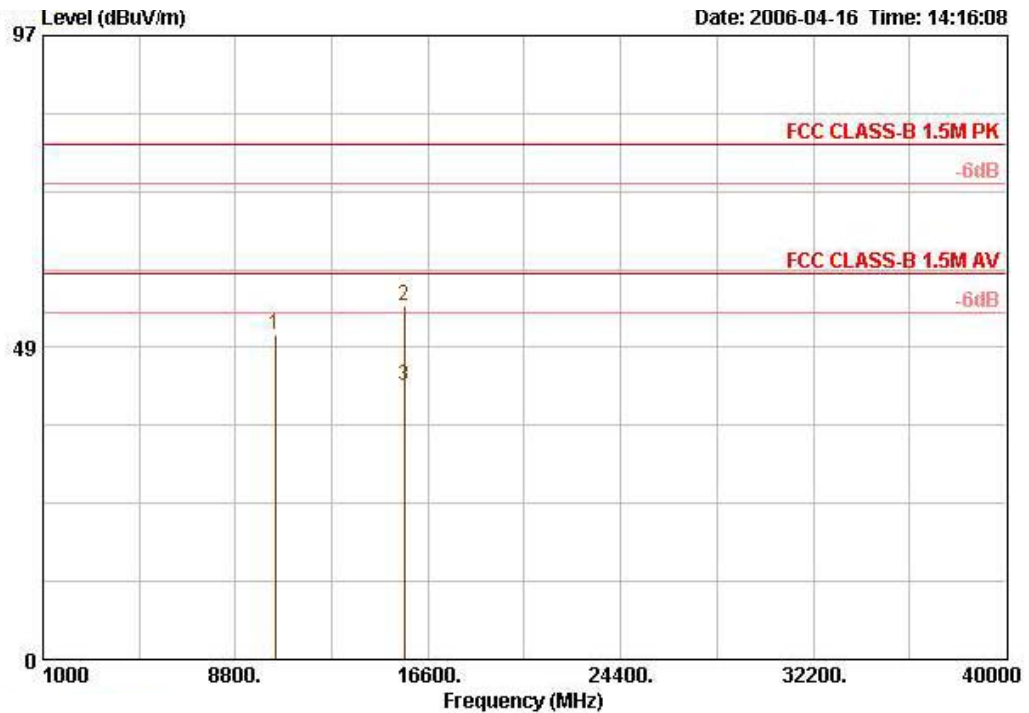
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 1

Vertical



	Freq	Level	Over Limit	Limit	Antenna Line	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 @	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



	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table			
Freq	Level	Limit	Line	Loss	Factor	Level	Pos	Pos			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	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.

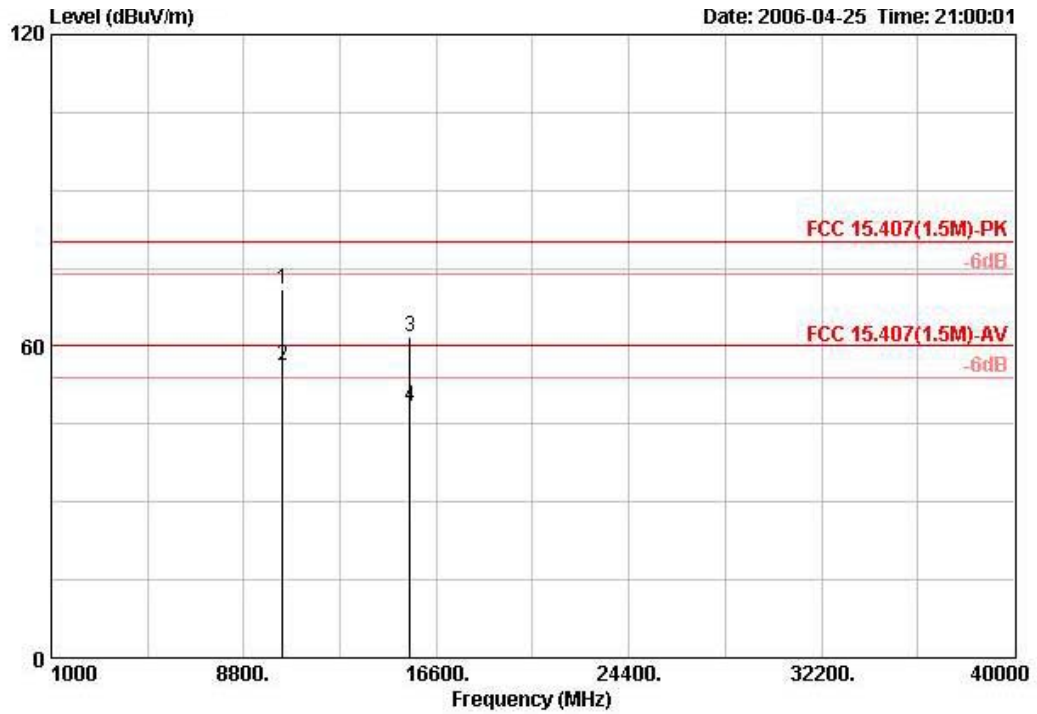
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

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

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

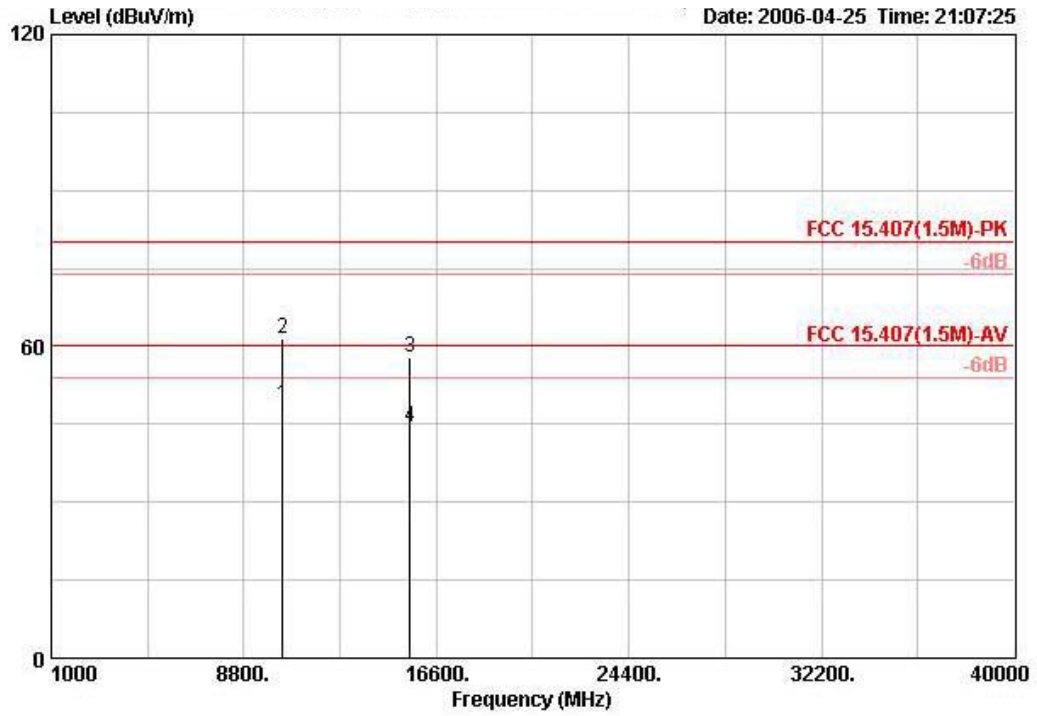
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 2

Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB			m
1	10360.640	70.92	-9.08	80.00	59.84	38.53	7.67	35.12	PEAK	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	PEAK	VERTICAL	3
4	15539.640	48.36	-11.64	60.00	37.15	38.06	8.43	35.28	AVERAGE	VERTICAL	3

Horizontal

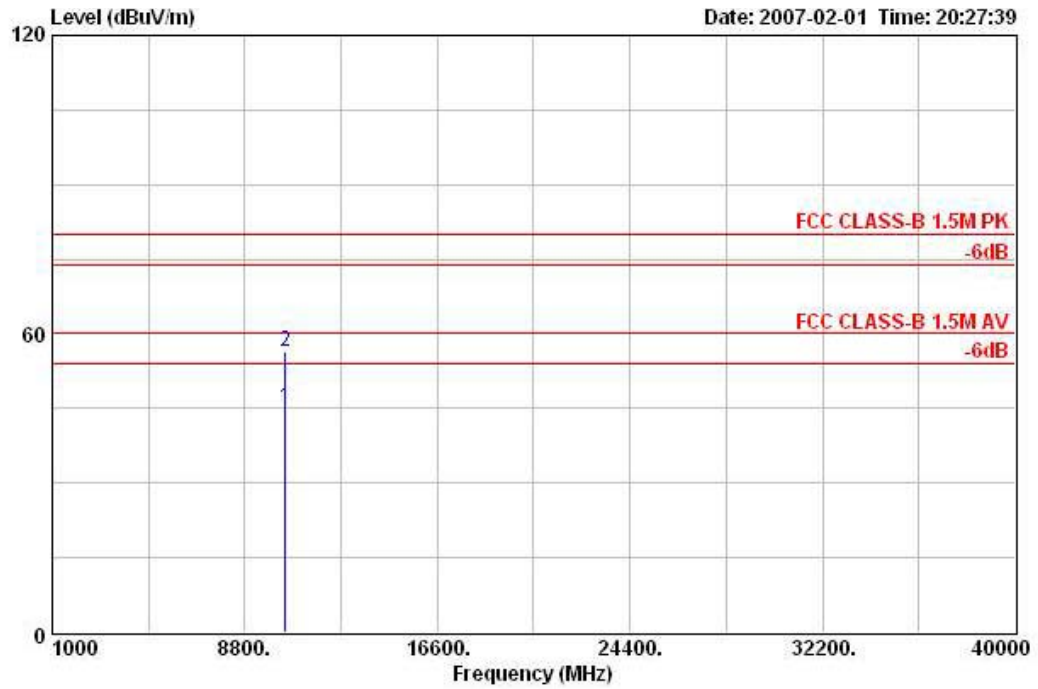


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			m
1	10358.800	48.65	-11.35	60.00	37.56	38.53	7.67	35.12	AVERAGE	HORIZONTAL	3
2	10359.360	61.44	-18.56	80.00	50.36	38.53	7.67	35.12	PEAK	HORIZONTAL	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



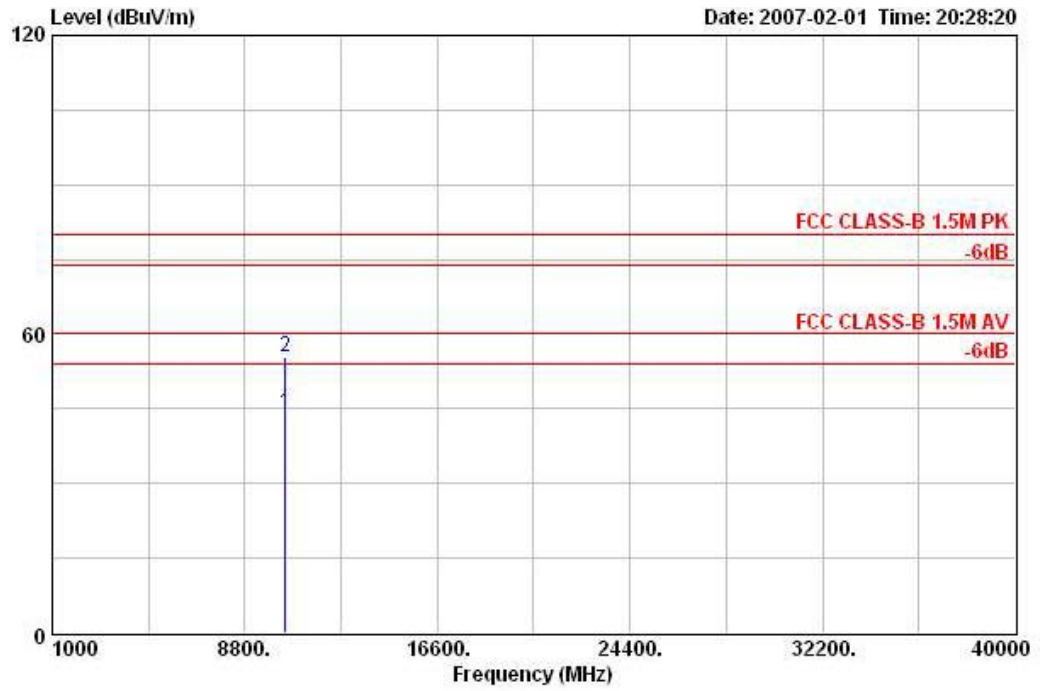
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 40 / Ant. 2

Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	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:

Horizontal

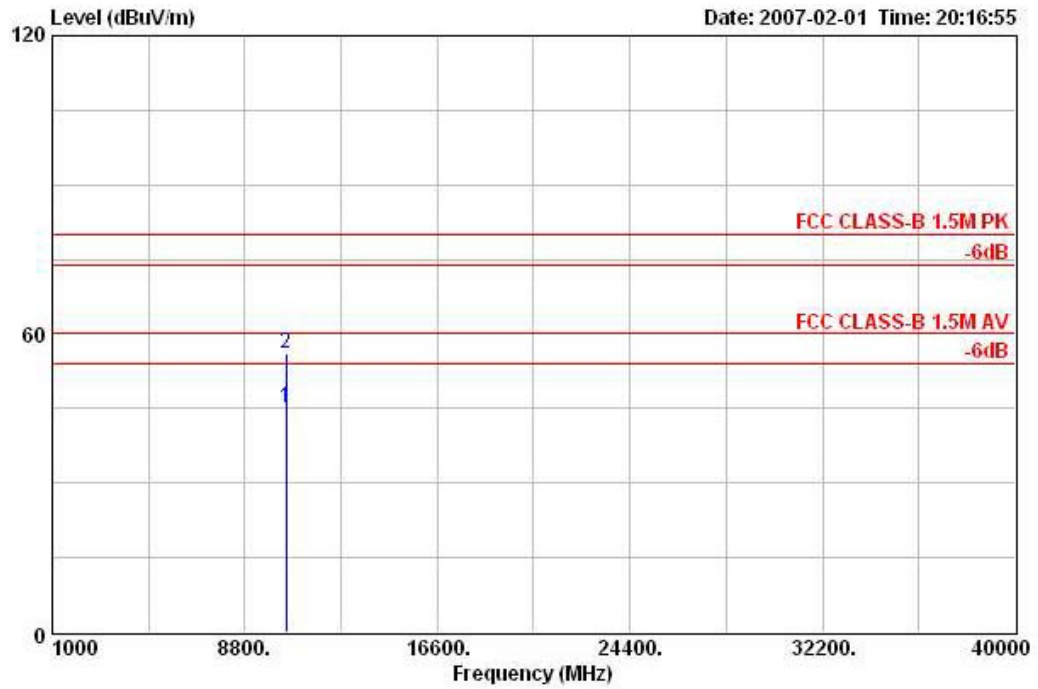


	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
1	10441.020	44.22	-15.78	60.00		30.21	35.27	10.30	38.98	AVERAGE	135	94	HORIZO
2	10441.020	55.27	-24.73	80.00		41.27	35.27	10.30	38.98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



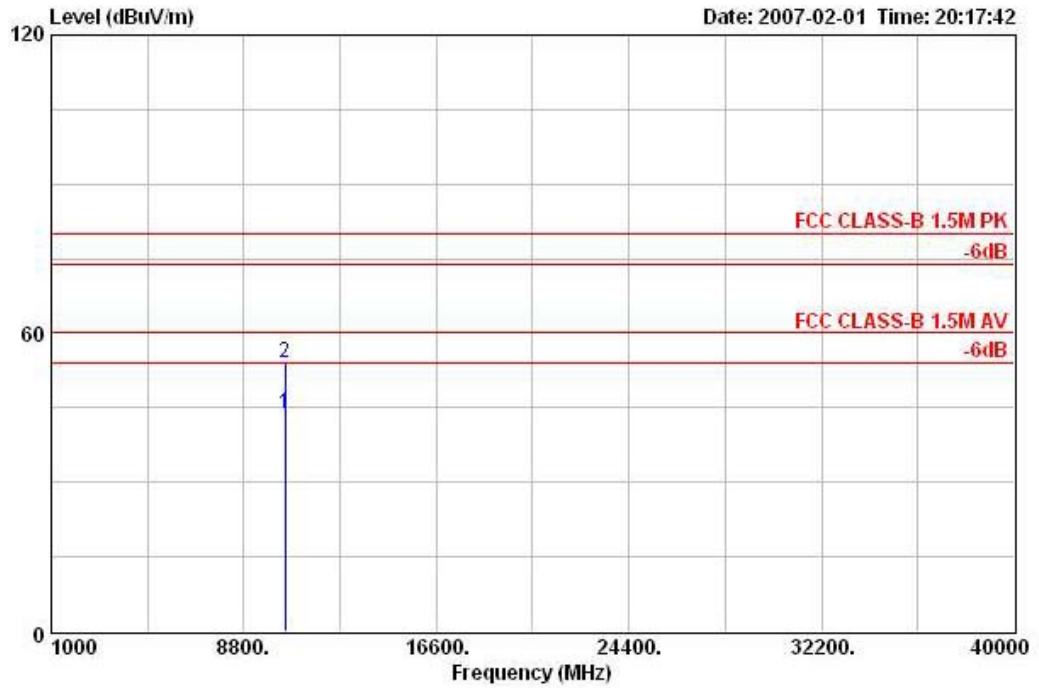
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 2

Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBUV/m	dB	dBUV/m	m	dBUV	dB	dB	dB/m		cm	deg	
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:

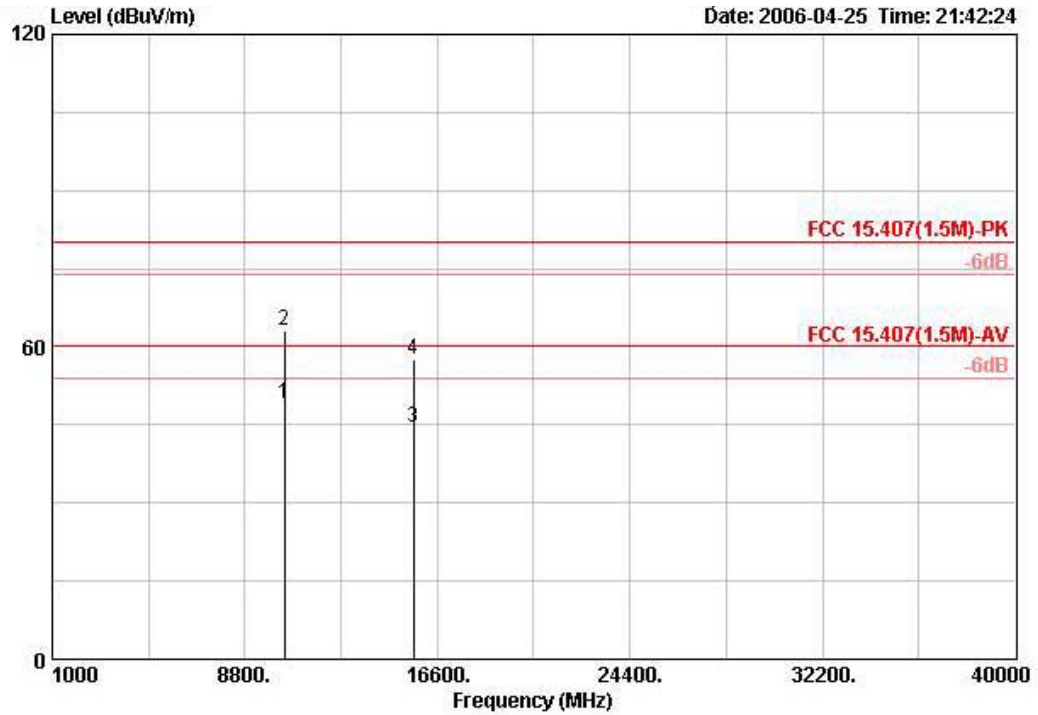
Horizontal



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	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	HORIZO
2	10481.210	54.14	-25.86	80.00	3	40.02	35.21	10.35	38.99	PEAK	123	105	HORIZO

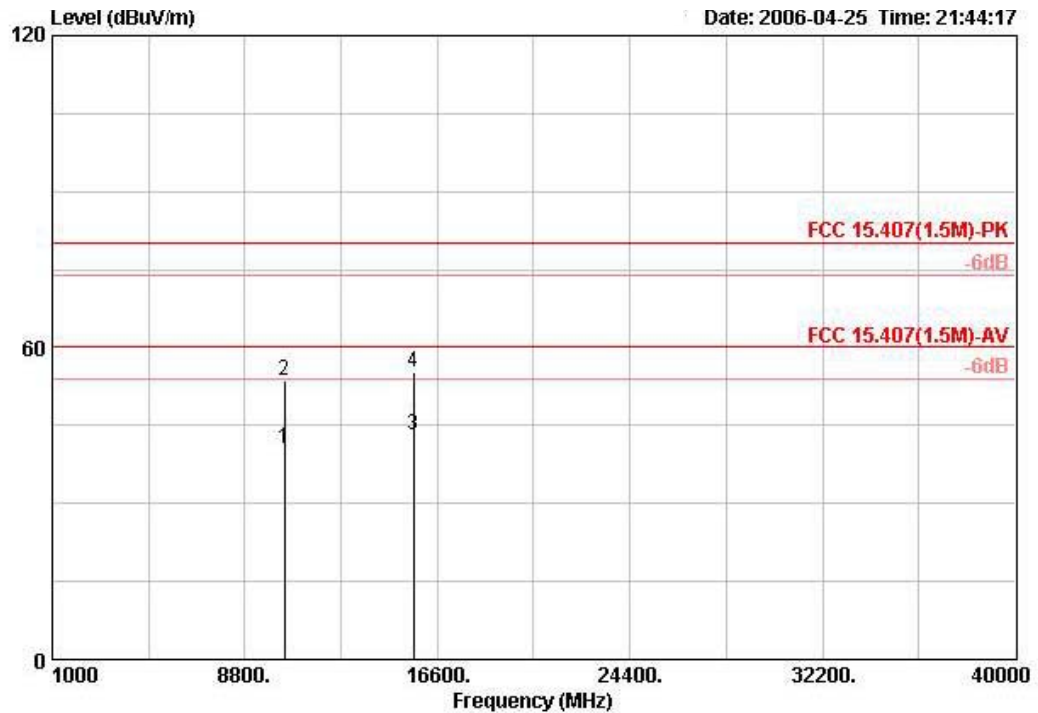
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 2

Vertical



	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			m
1	10419.000	49.08	-10.92	60.00	38.05	38.37	7.71	35.05	AVERAGE	VERTICAL	3
2	10422.040	63.24	-16.76	80.00	52.21	38.37	7.71	35.05	PEAK	VERTICAL	3
3	15623.520	44.56	-15.44	60.00	33.46	37.96	8.45	35.31	AVERAGE	VERTICAL	3
4	15624.720	57.63	-22.37	80.00	46.54	37.96	8.45	35.32	PEAK	VERTICAL	3

Horizontal



	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			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.

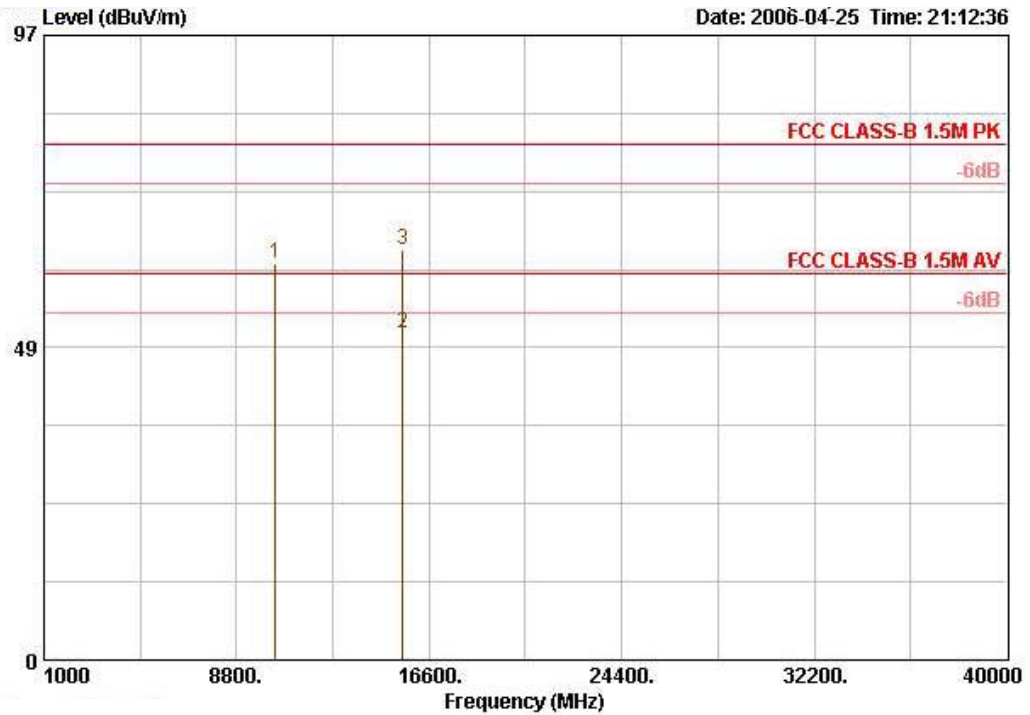
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

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

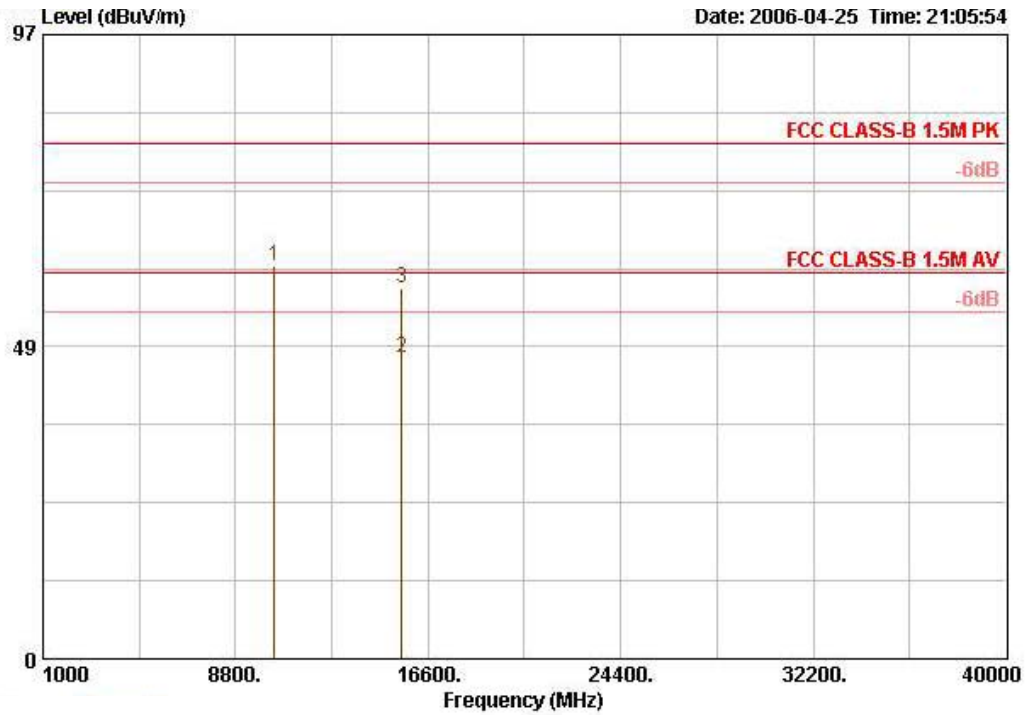
Vertical



	Over	Limit	Antenna	Cable	Preamp	Read		Ant	Table
Freq	Level	Limit	Line	Loss	Factor	Level	Remark	Pos	Pos
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

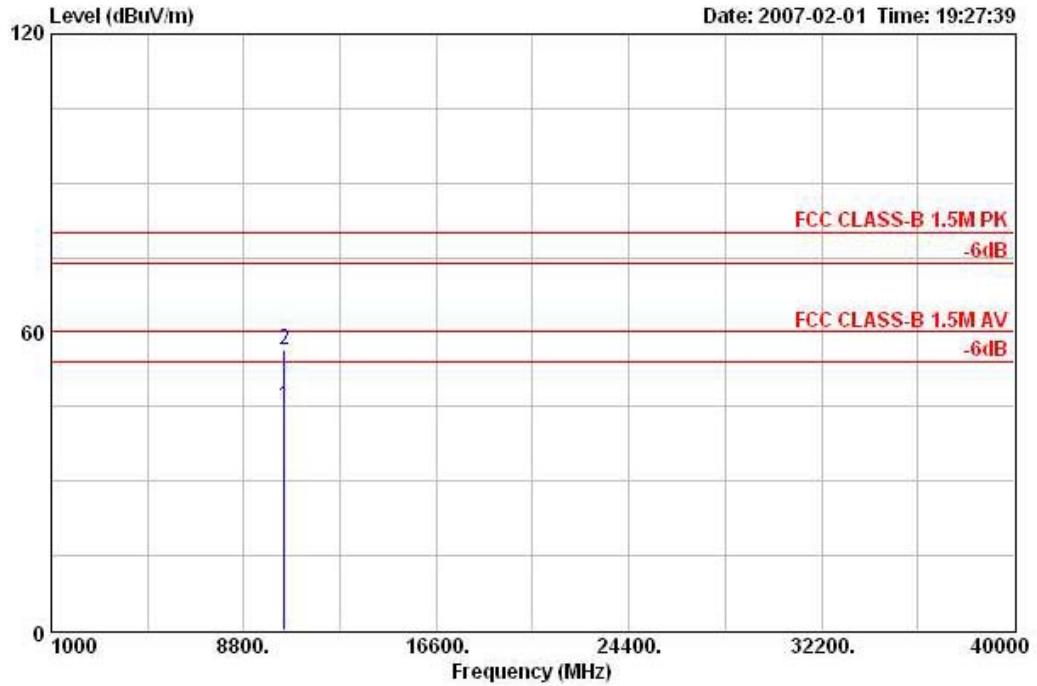


	Freq	Level	Over Limit	Limit	Antenna Line Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dB/m	dB	dB	dBUV		cm	deg
1	10360.920	61.15			39.34	5.80	35.55	51.56	PEAK	111	236
2	15541.800	46.90	-13.10	60.00	38.15	9.26	35.68	35.17	AVERAGE	128	300
3	15541.800	57.58	-22.42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

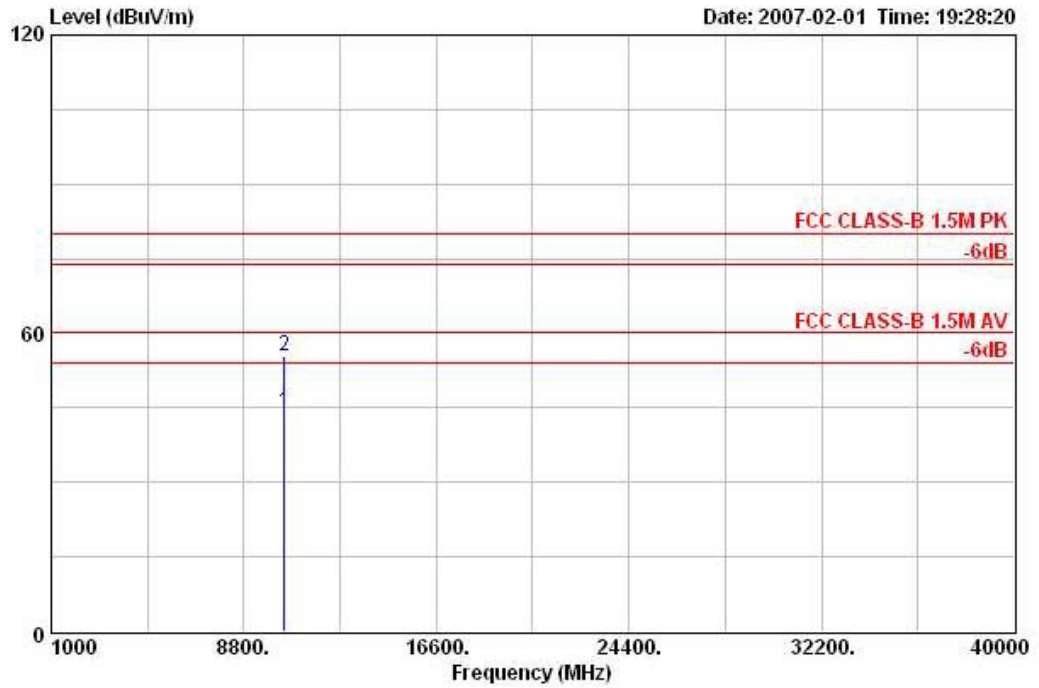
Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	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



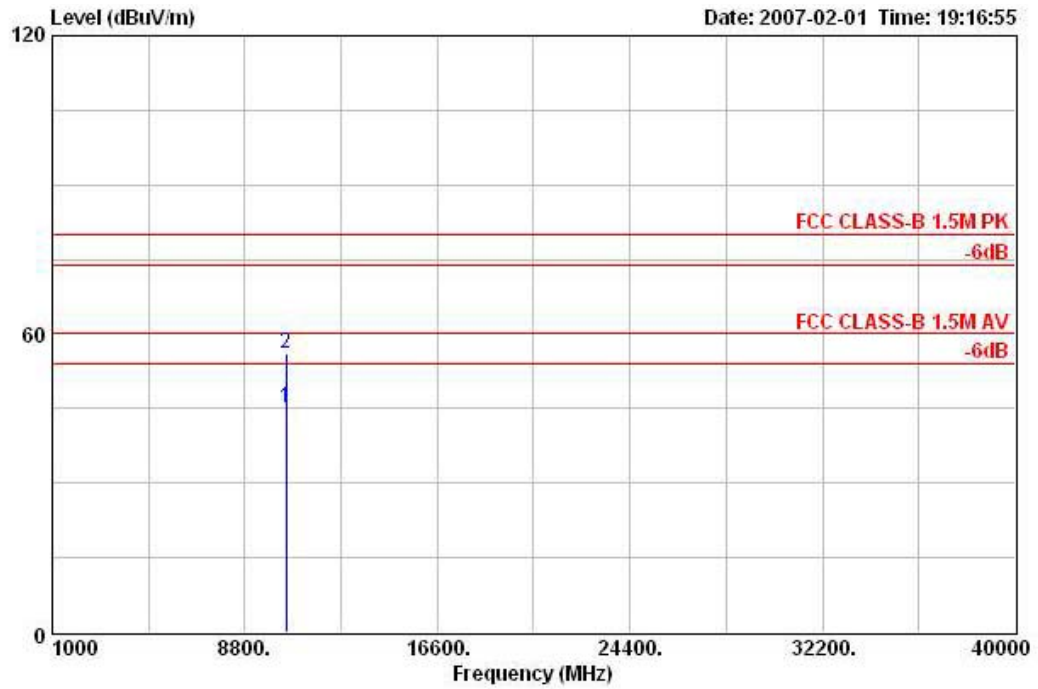
	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
1	10441.020	44.22	-15.78	60.00	3	30.21	35.27	10.30	38.98	AVERAGE	135	94	HORIZO
2	10441.020	55.27	-24.73	80.00	3	41.27	35.27	10.30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

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



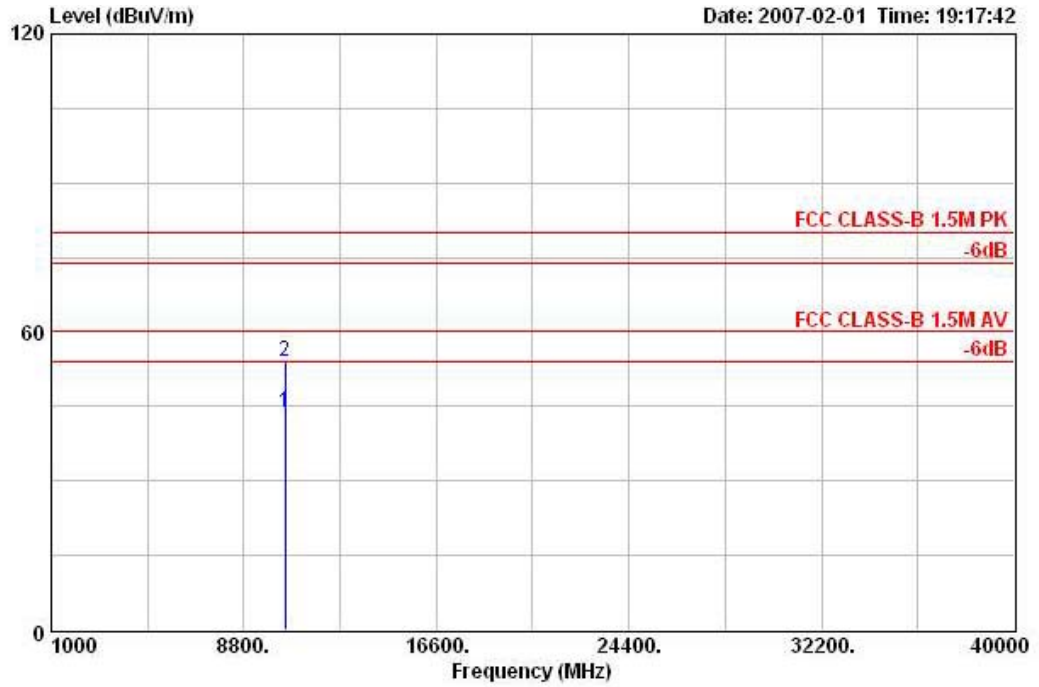
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 4

Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
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	PERK	116	105	VERTIC:

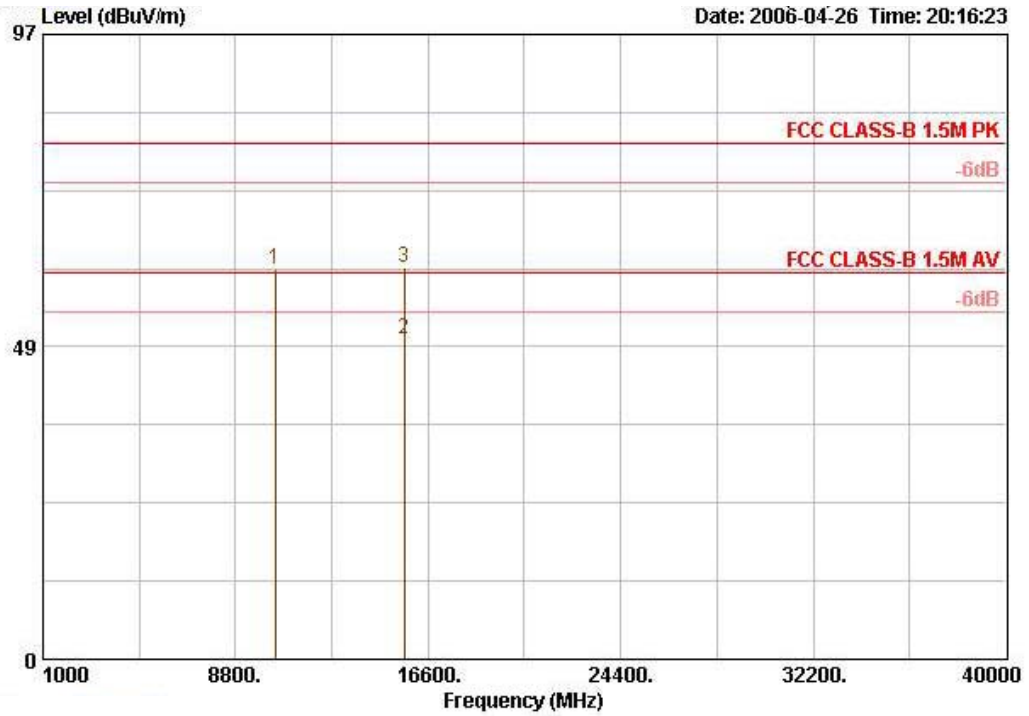
Horizontal



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	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	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

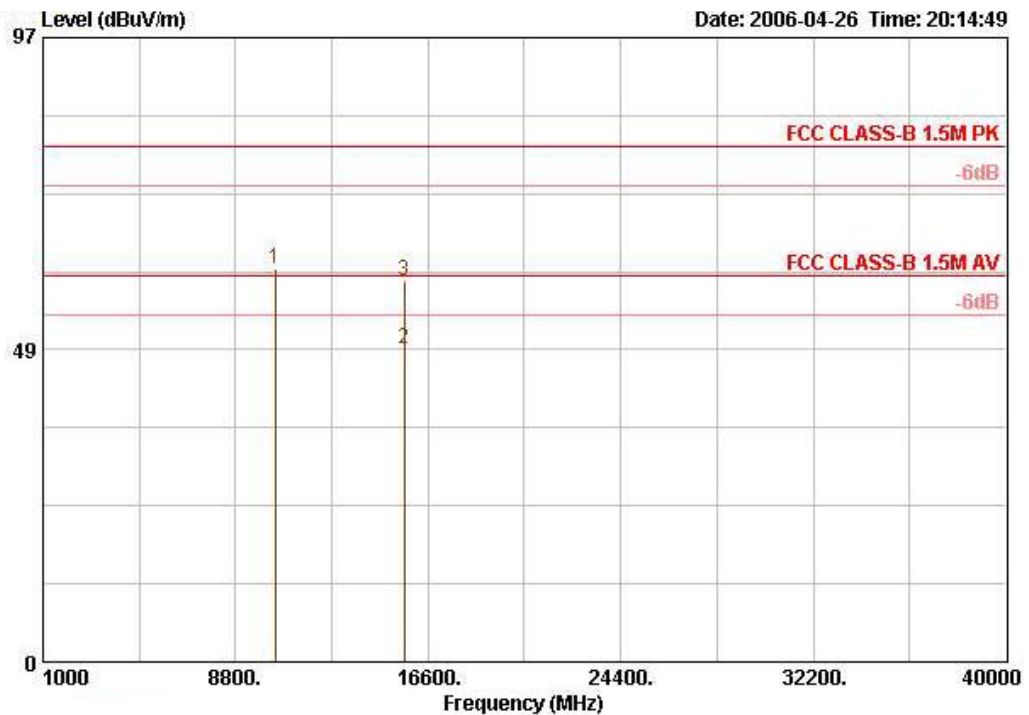
Vertical



	Over	Limit	Antenna	Cable	Preamp	Read		Ant	Table
Freq	Level	Limit	Line	Loss	Factor	Level	Remark	Pos	Pos
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	Limit	Antenna Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dB	dBuV		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	36.93	AVERAGE	121	245
3	15635.200	59.13	-20.87	80.00	38.01	9.32	35.62	47.42	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.

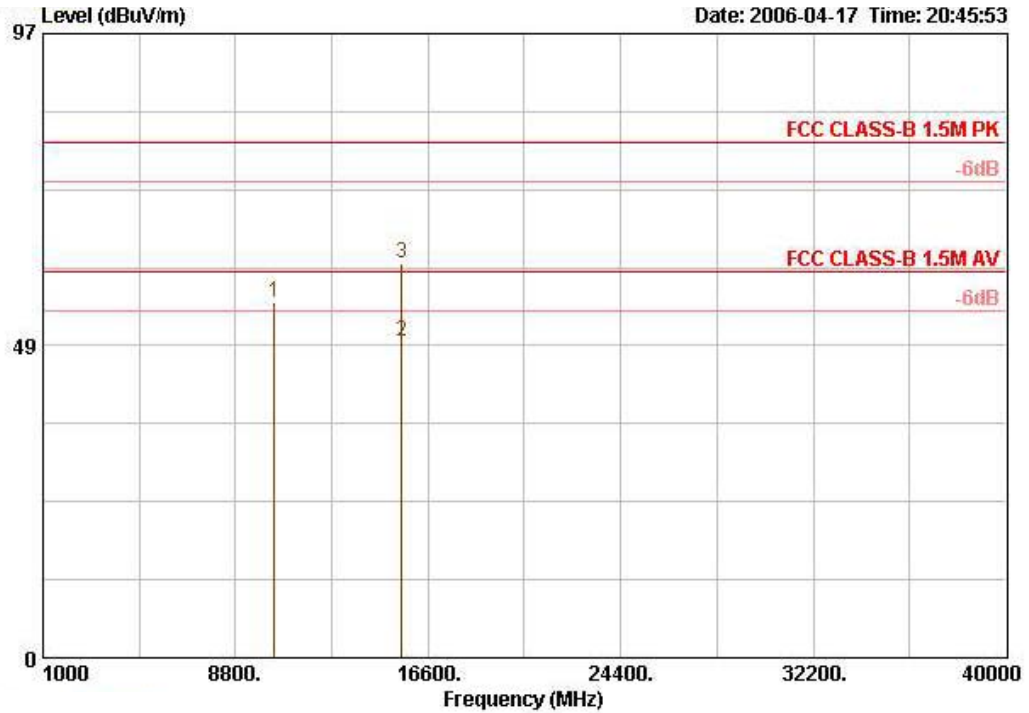
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

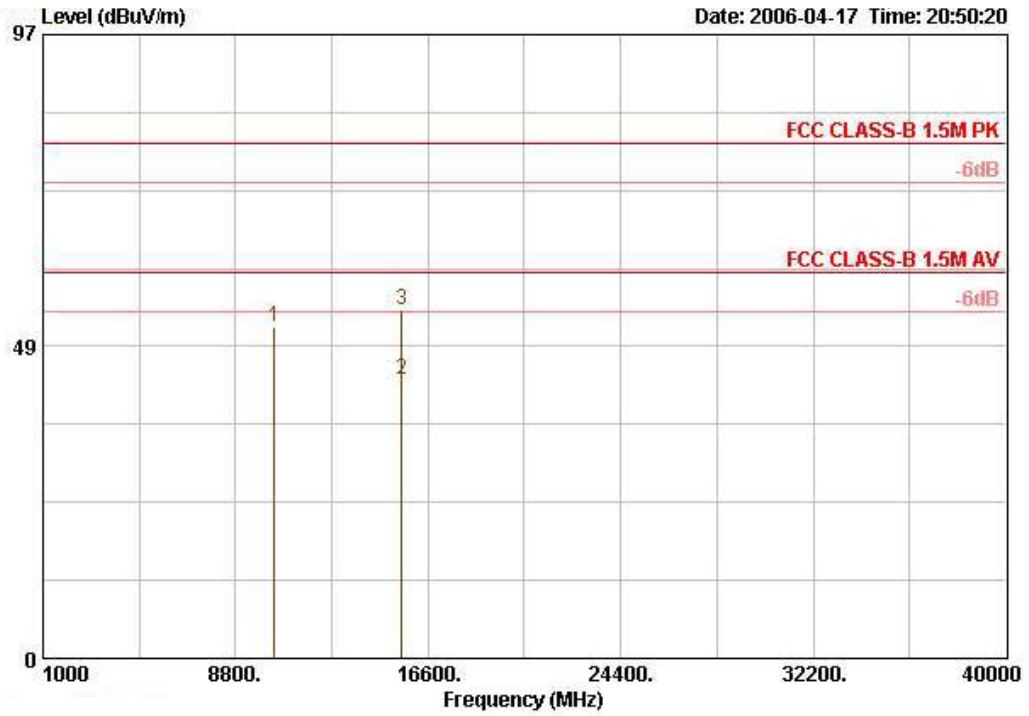
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 5

Vertical



	Freq	Level	Over Limit	Antenna Line 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	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

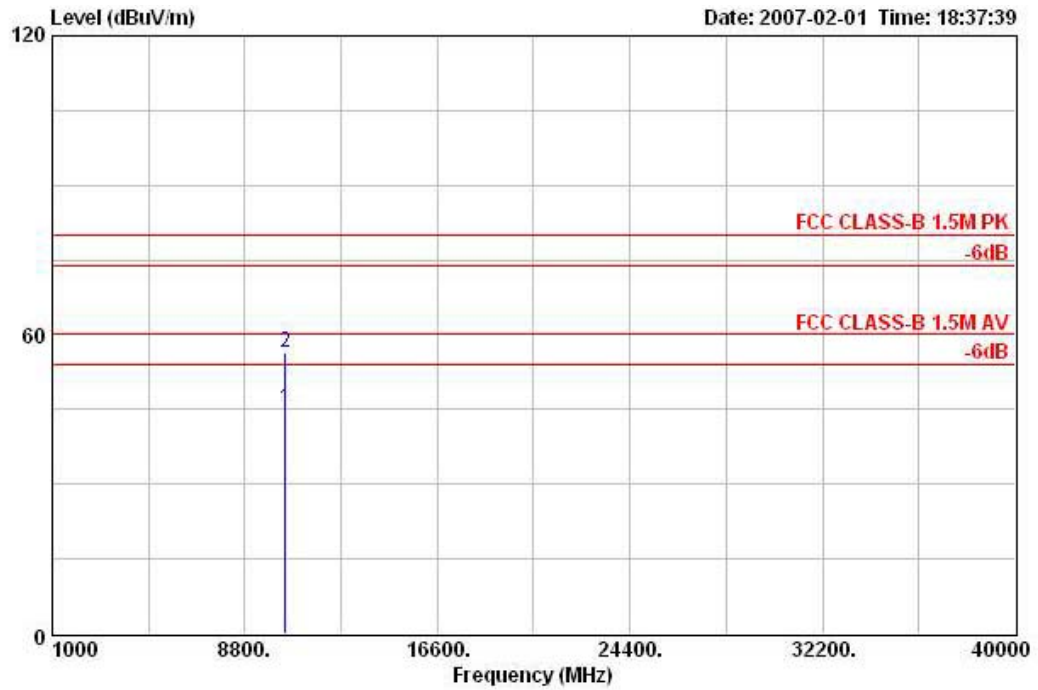
Horizontal



	Freq	Level	Over Limit	Limit	Antenna Line	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	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

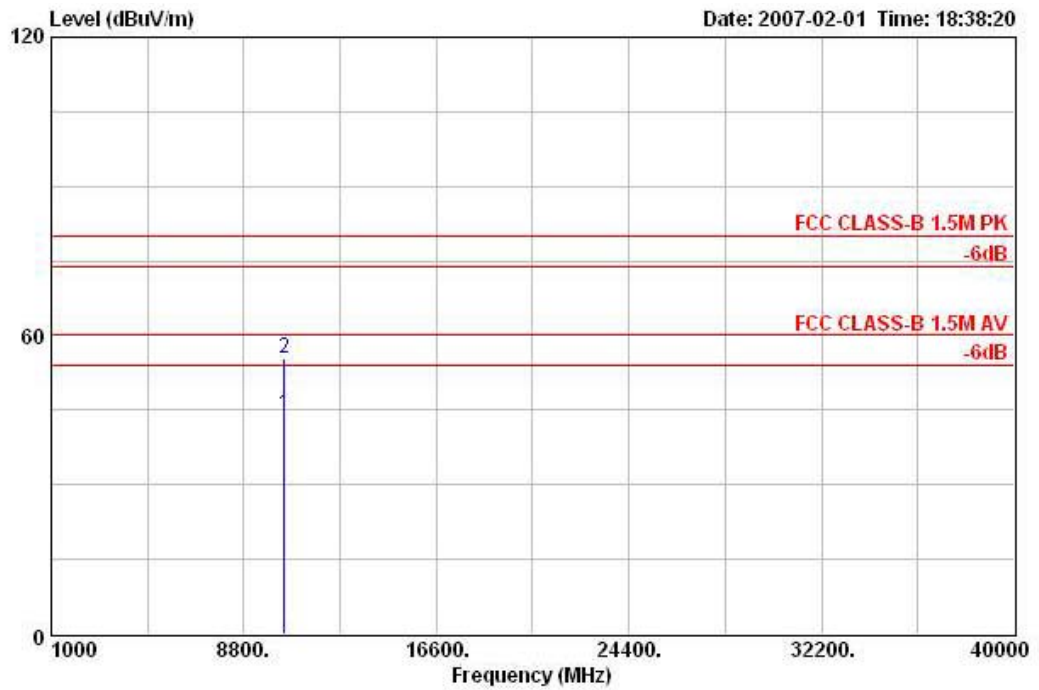
Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos	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

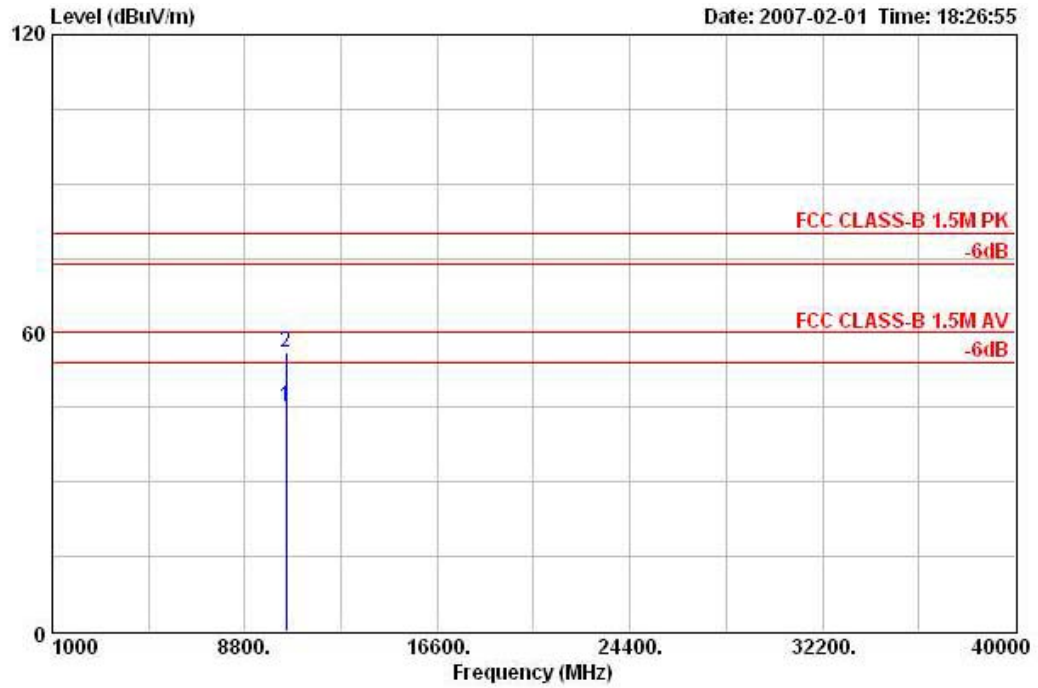


	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
1	10441.020	44.22	-15.78	60.00	3	30.21	35.27	10.30	38.98	AVERAGE	135	94	HORIZO
2	10441.020	55.27	-24.73	80.00	3	41.27	35.27	10.30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



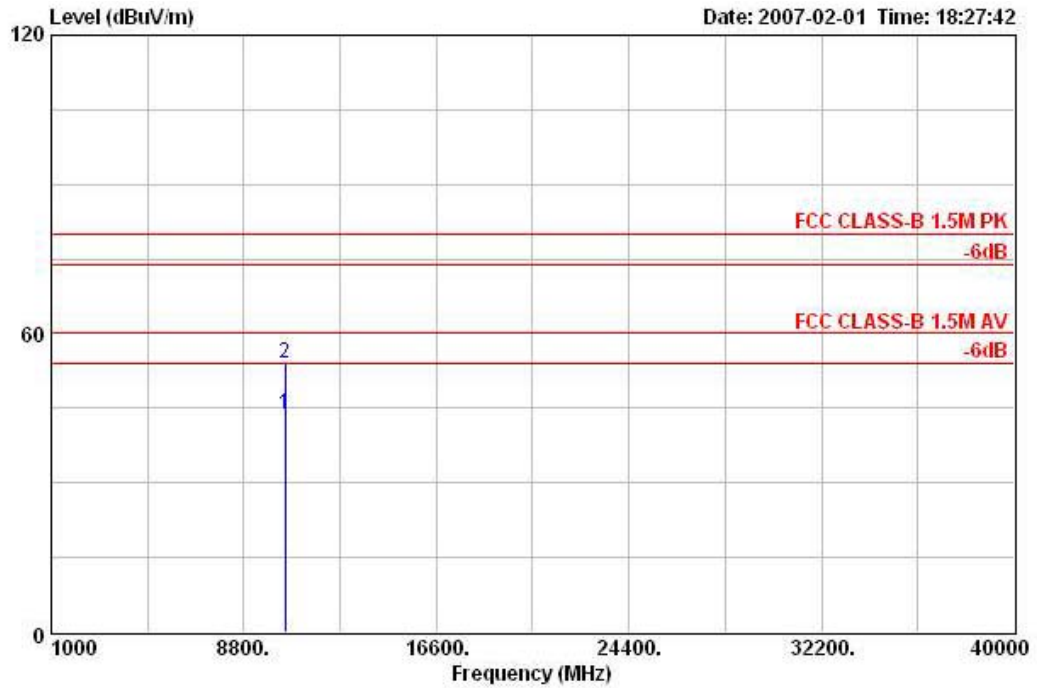
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 5

Vertical



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
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

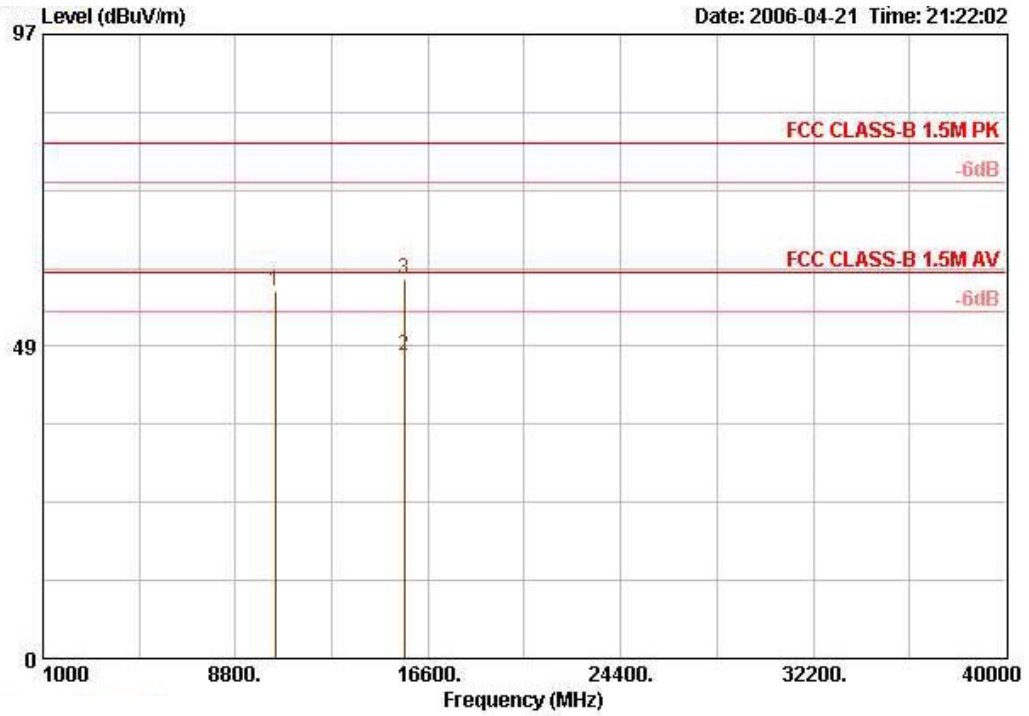
Horizontal



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos	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	HORIZO
2	10481.210	54.14	-25.86	80.00	3	40.02	35.21	10.35	38.99	PEAK	123	105	HORIZO

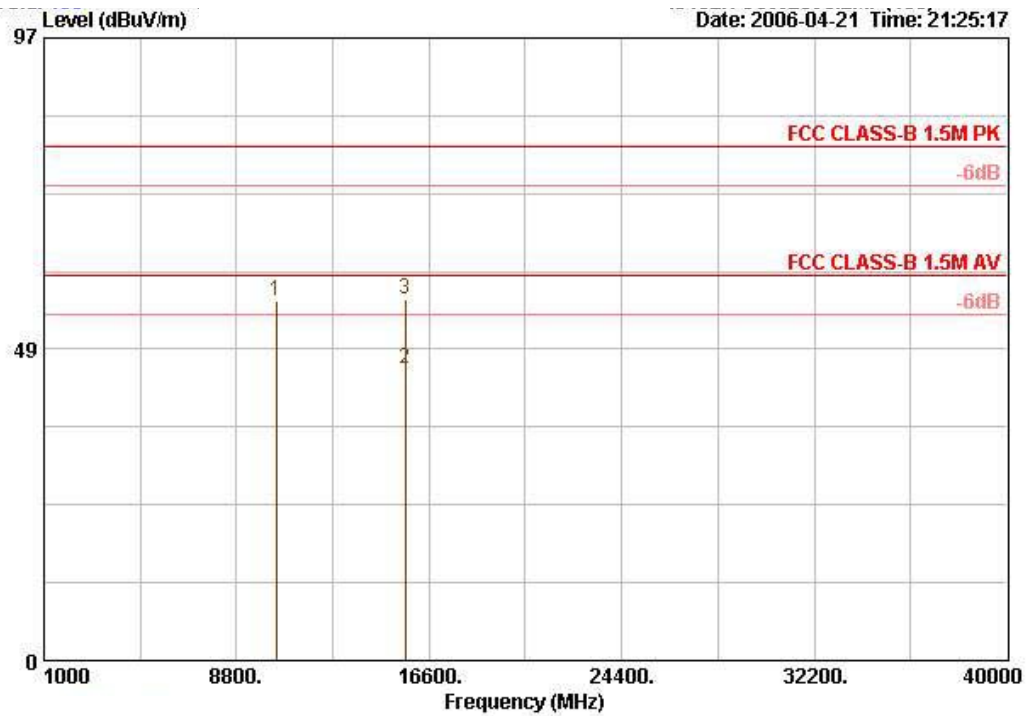
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 5

Vertical



	Freq	Level	Over Limit	Antenna Line	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	10420.360	56.99	-23.01	80.00	39.40	5.86	35.50	47.23	100	248
2	15628.520	47.16	-12.84	60.00	38.01	9.32	35.62	35.45	106	247
3	15628.520	58.82	-21.18	80.00	38.01	9.32	35.62	47.11	106	247

Horizontal



	Freq	Level	Over Limit	Limit	Antenna Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dB	dBuV		cm	deg
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.

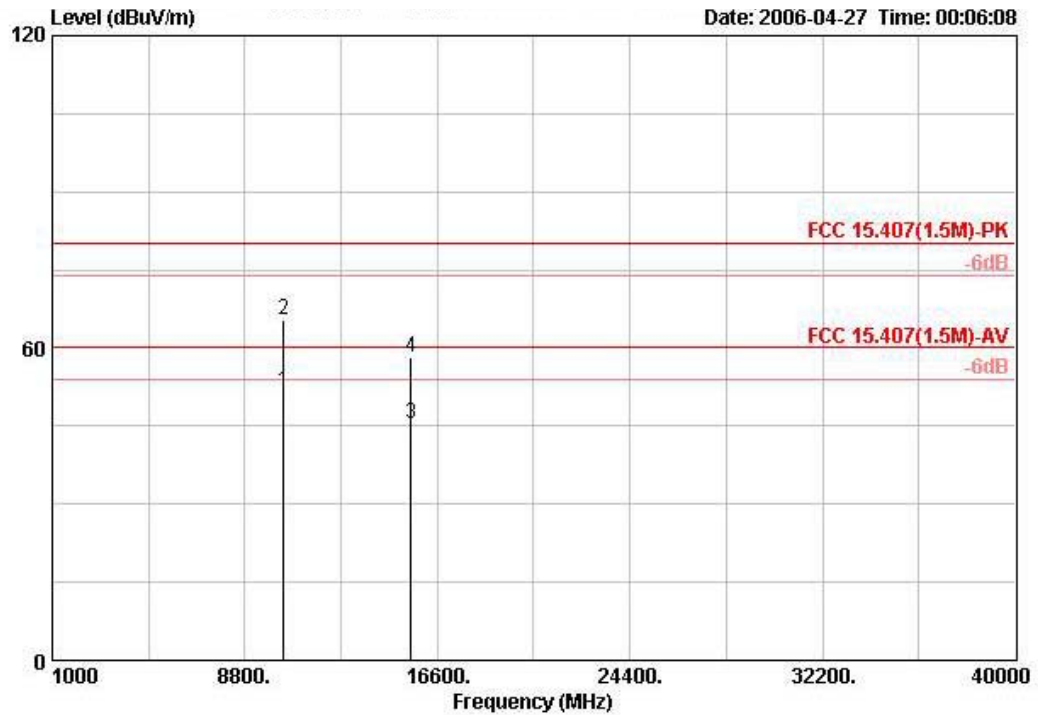
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

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

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

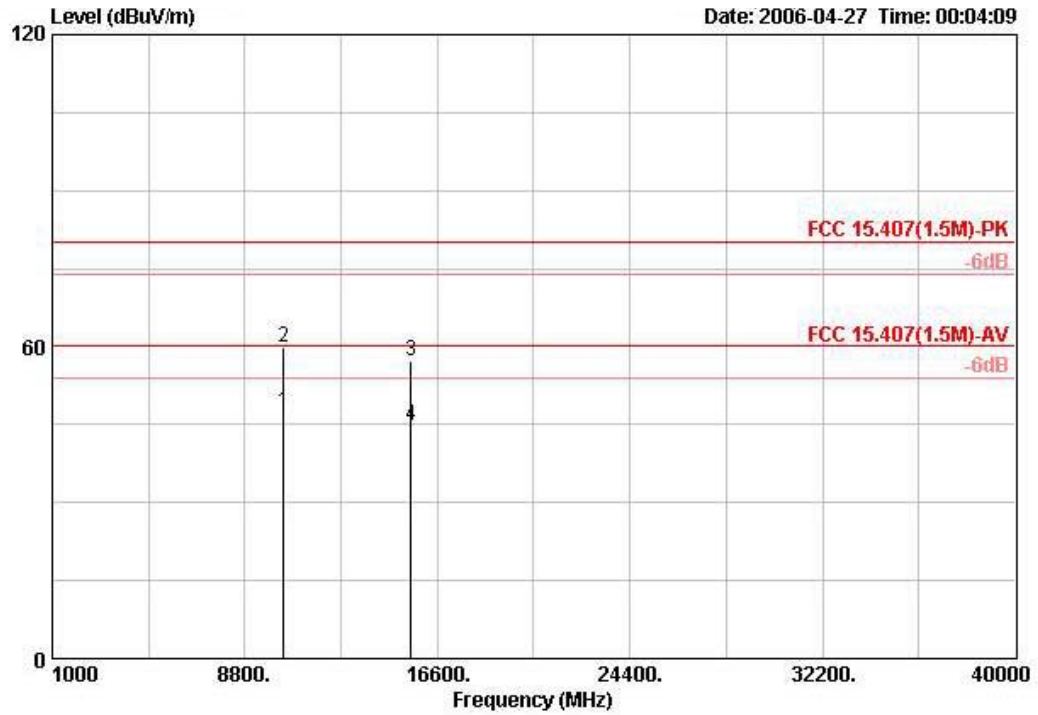
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 36 / Ant. 6

Vertical



	Freq	Level	Over Limit	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			m
1	10360.180	51.81	-8.19	60.00	40.73	38.53	7.67	35.12	AVERAGE	VERTICAL	3
2	10360.760	65.54	-14.46	80.00	54.46	38.53	7.67	35.12	PEAK	VERTICAL	3
3	15535.880	45.41	-14.59	60.00	34.20	38.06	8.43	35.28	AVERAGE	VERTICAL	3
4	15541.760	58.23	-21.77	80.00	47.02	38.06	8.43	35.28	PEAK	VERTICAL	3

Horizontal

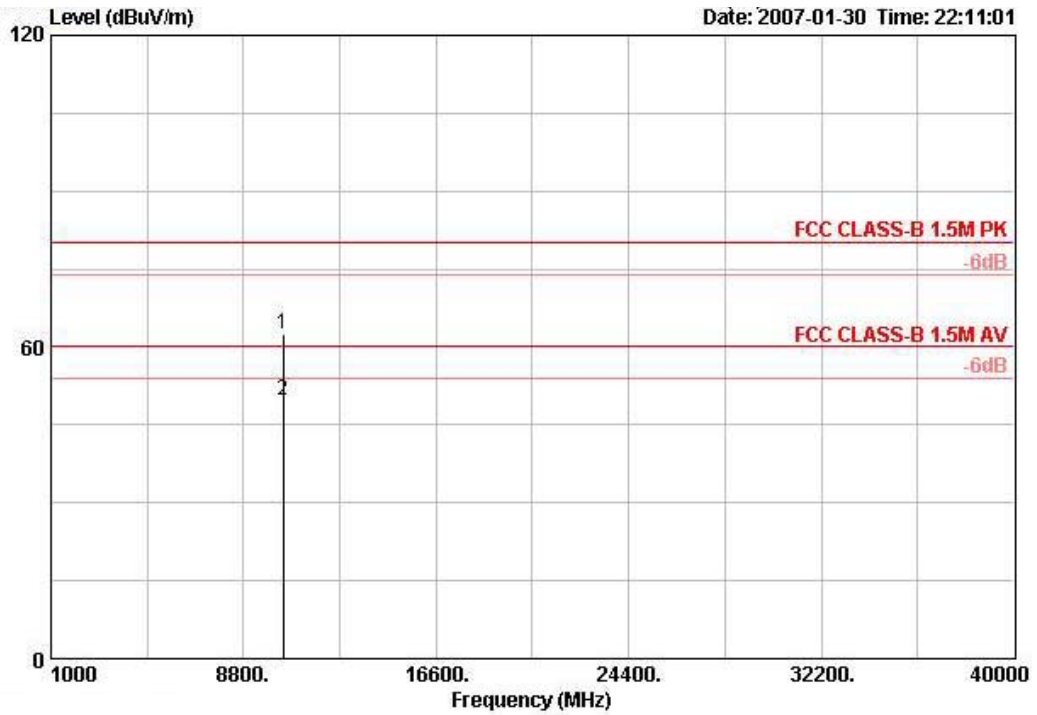


Date: 2006-04-27 Time: 00:04:09

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	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	PEAK	HORIZONTAL	3
3	15536.800	57.38	-22.62	80.00	46.17	38.06	8.43	35.28	PEAK	HORIZONTAL	3
4	15537.220	44.90	-15.10	60.00	33.70	38.06	8.43	35.28	AVERAGE	HORIZONTAL	3

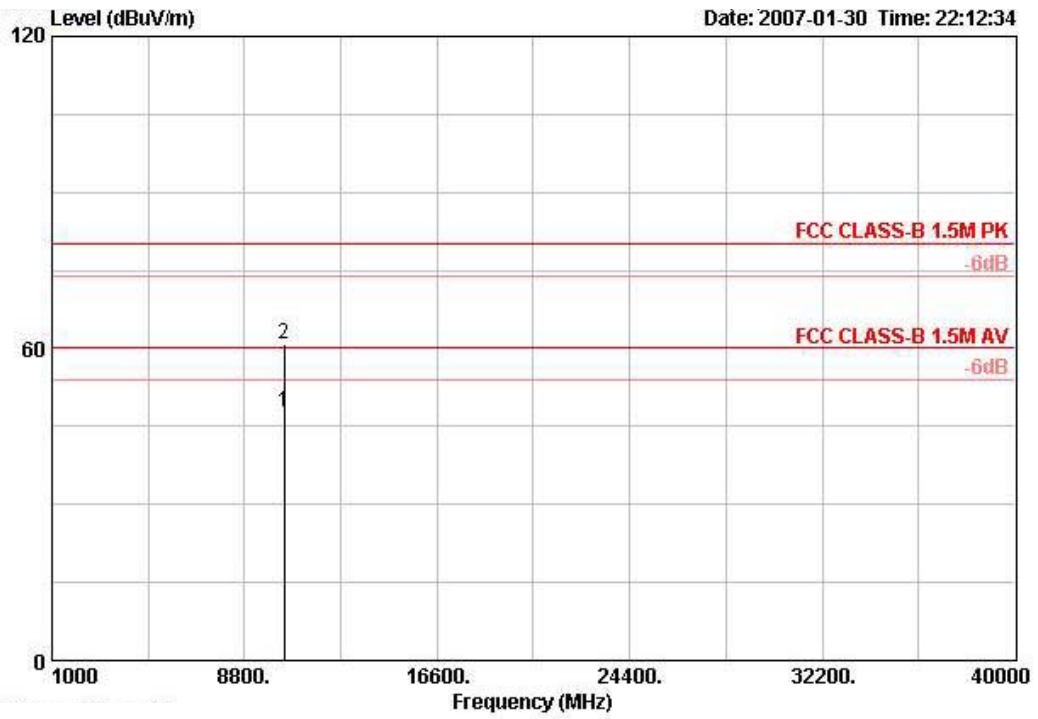
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 40 / Ant. 6

Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
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

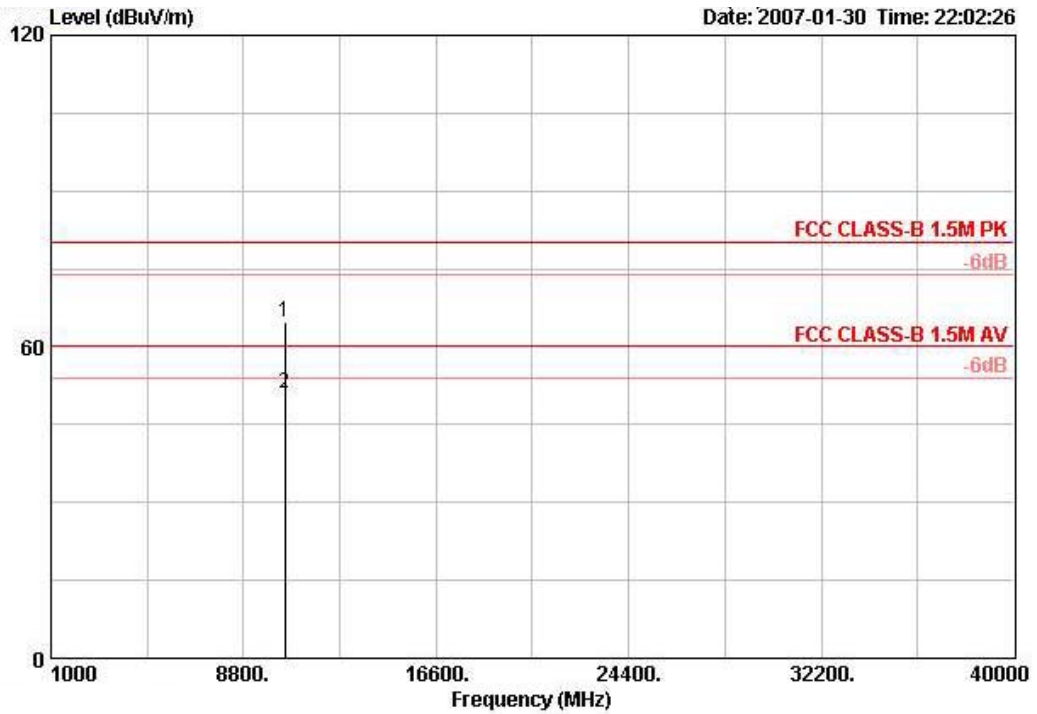
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	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	100	0
2	10405.800	60.75	-19.25	80.00	43.47	39.18	11.48	33.38	PEAK	100	0

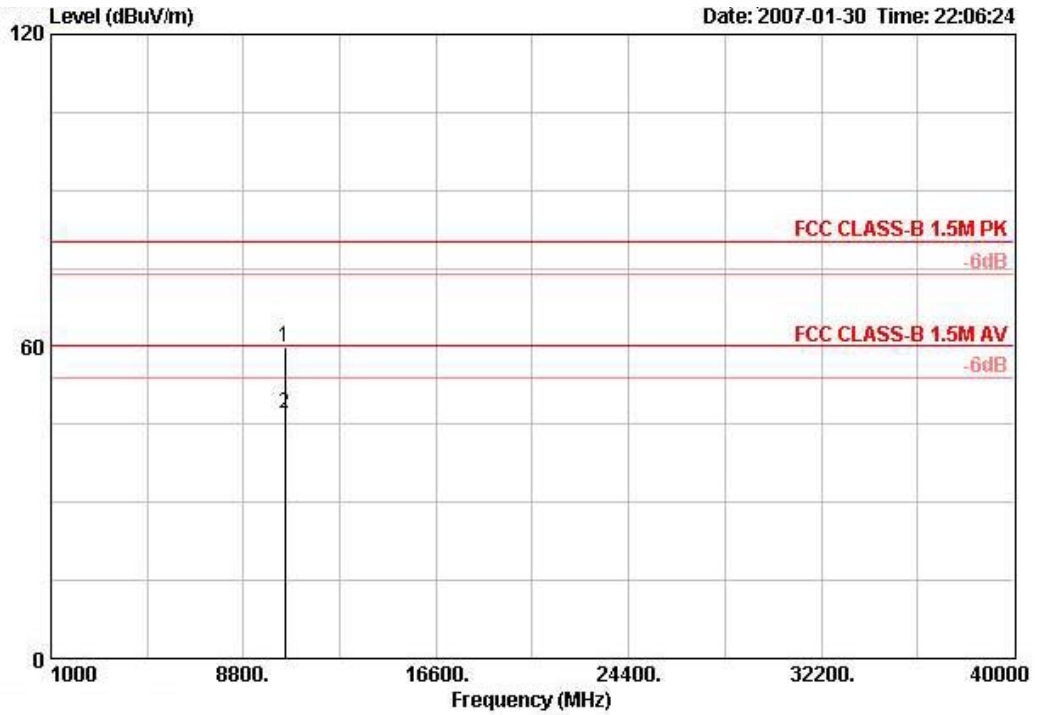
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Channel 48 / Ant. 6

Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
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

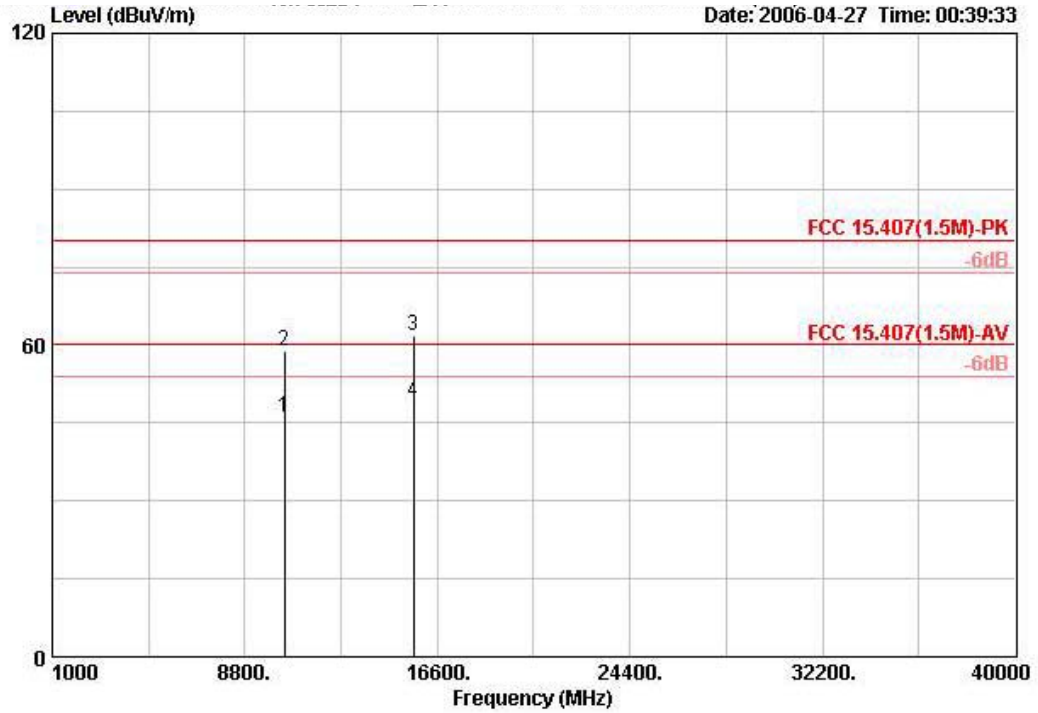
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	10471.280	59.74	-20.26	80.00	42.29	39.26	11.53	33.34	PEAK	100	300
2	10481.520	47.24	-12.76	60.00	29.74	39.28	11.55	33.32	AVERAGE	100	300

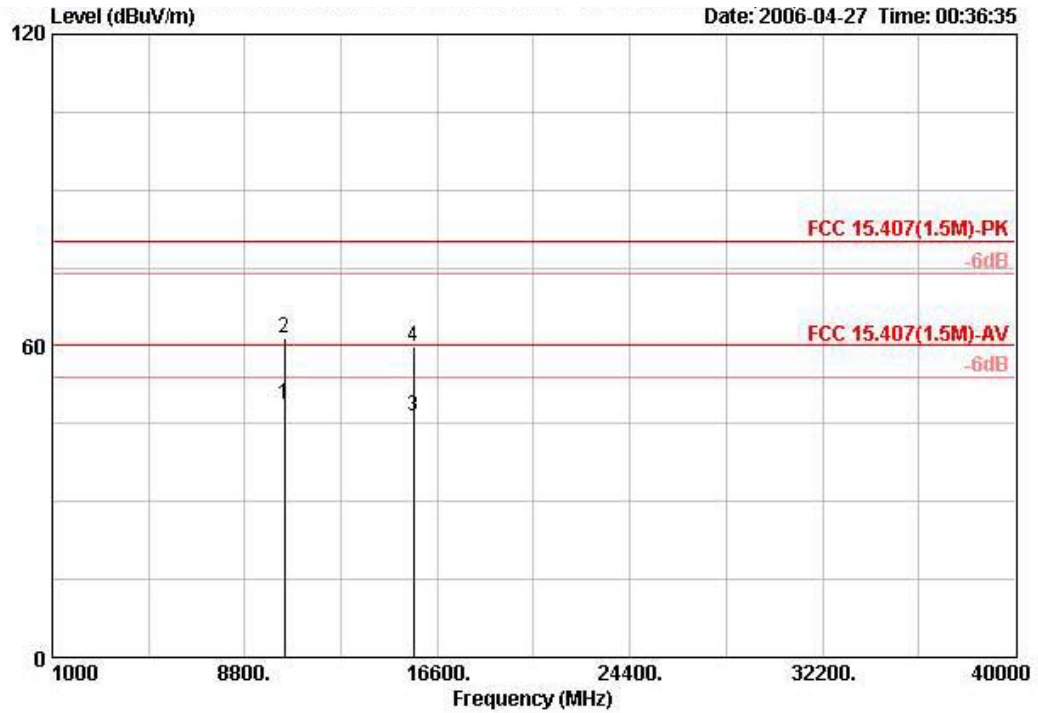
Temperature	24°C	Humidity	63%
Test Engineer	Leo Hung	Configurations	802.11a Turbo Channel 42 / Ant. 6

Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Remark	Pol/Phase	Distance	
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		m	
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	PEAK	VERTICAL	3
3	15632.700	61.81	-18.19	80.00	50.74	37.93	8.45	35.32	PEAK	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	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp	Remark	Pol/Phase	Distance
	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 distanc [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 5.15-5.25 GHz band: all emissions outside of the 5.15-5.25 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 (microvolts/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)	1 MHz / 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.

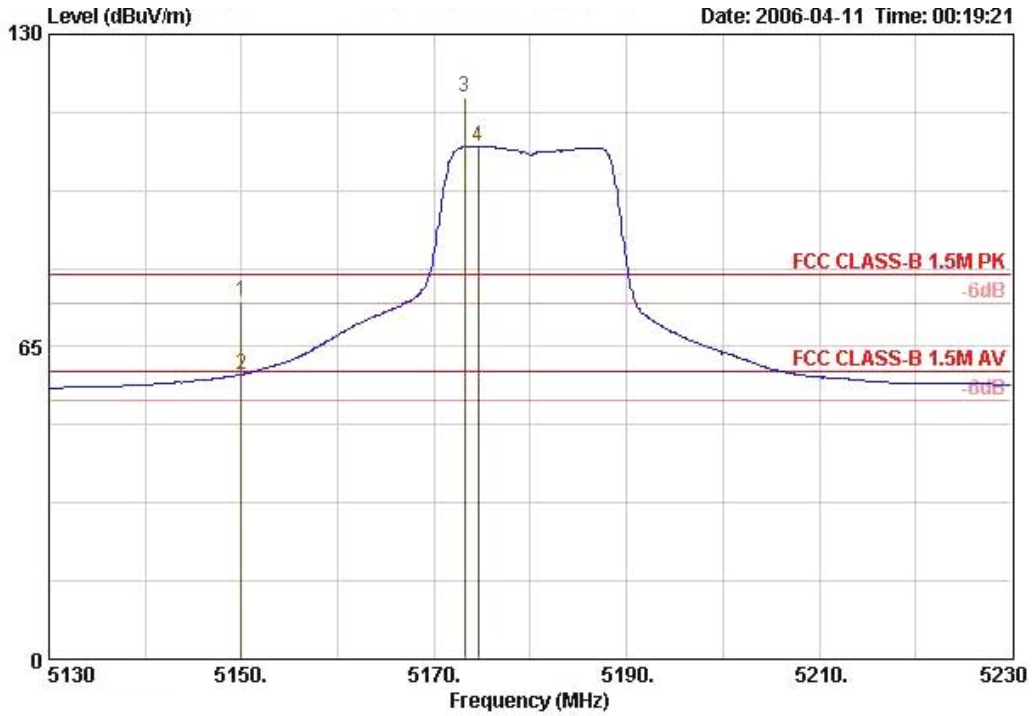
4.7.6. EUT Operation during Test

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

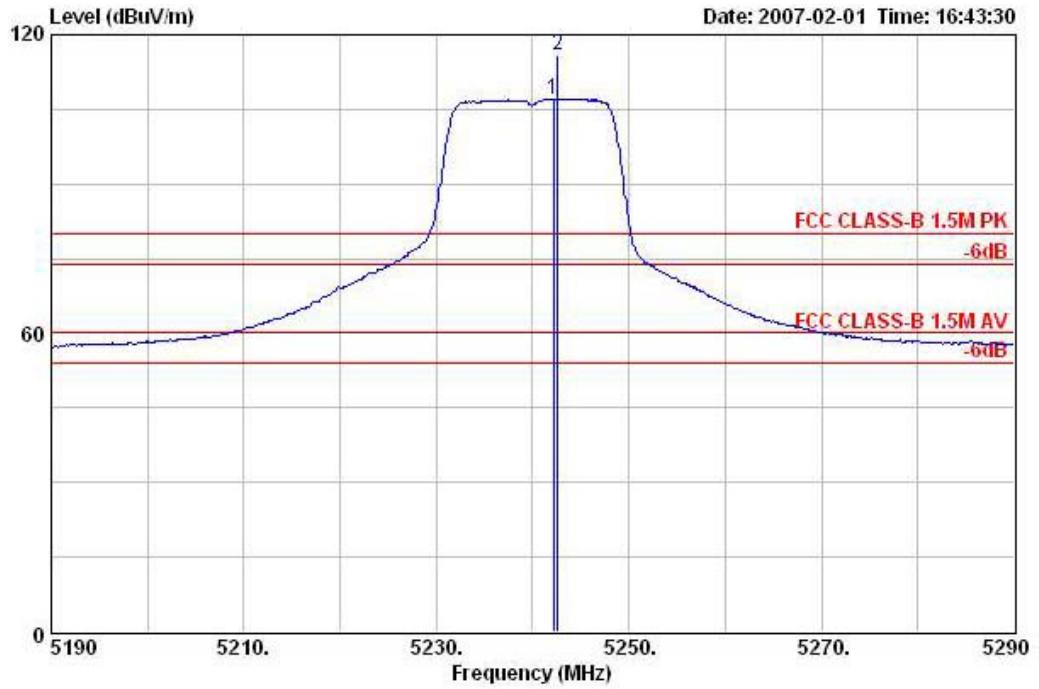
Channel 36



	Freq	Level	Over Limit	Limit	Antenna Line 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	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.

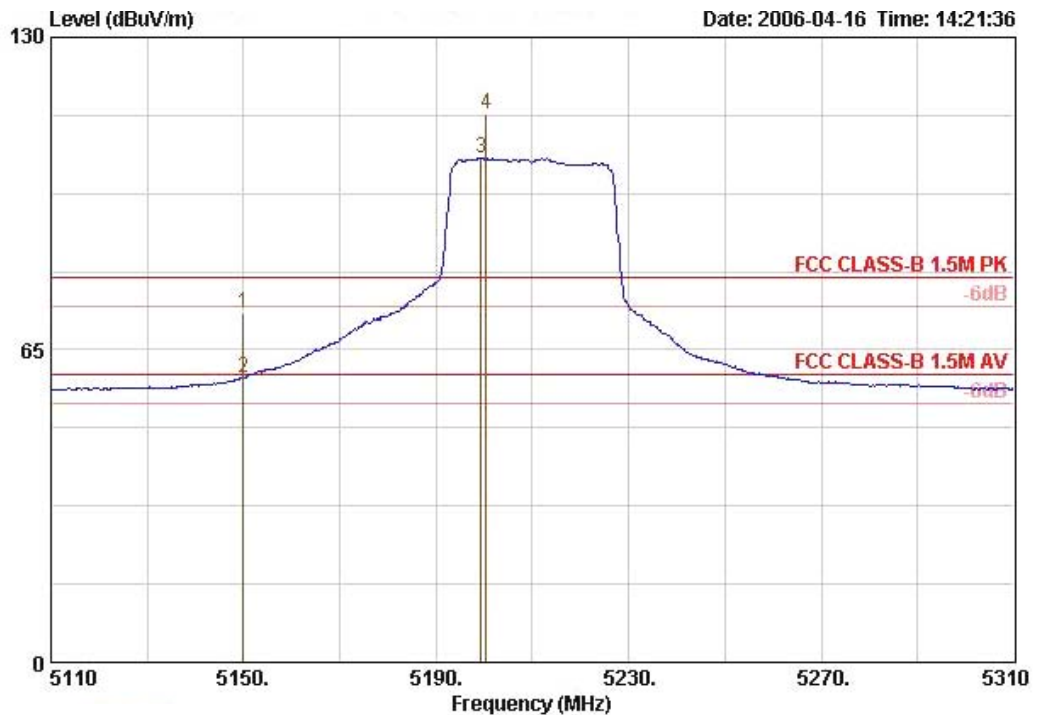
Channel 48



	Freq	Level	Over Limit	Limit Line	Distance	Read Level	Preamp Factor	Cable Loss	Antenna Loss	Remark	Ant Pos	Table Pos	Pol/Ph
	MHz	dBuV/m	dB	dBuV/m	m	dBuV	dB	dB	dB/m		cm	deg	
1	5242.200	107.08				68.38	0.00	4.42	34.28	AVERAGE	150	266	VERTIC.
2	5242.600	115.78				77.08	0.00	4.42	34.28	PERK	150	266	VERTIC.

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

Turbo Channel 42



	Freq	Level	Over Limit	Limit	Antenna Line	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	5150.000	72.47	-7.53	80.00	33.84	4.88	0.00	33.75	PEAK		141	227
2 @	5150.000	59.11	-0.89	60.00	33.84	4.88	0.00	20.40	AVERAGE		8995	227
3 @	5199.400	104.88			33.92	4.96	0.00	66.00	Average		---	---
4 @	5200.400	114.07			33.92	4.96	0.00	75.20	PEAK		141	227

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note:

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

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

Receiving maximum band edge emissions are Vertical Polarization.

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

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

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